

ISOMETRIC VIEW

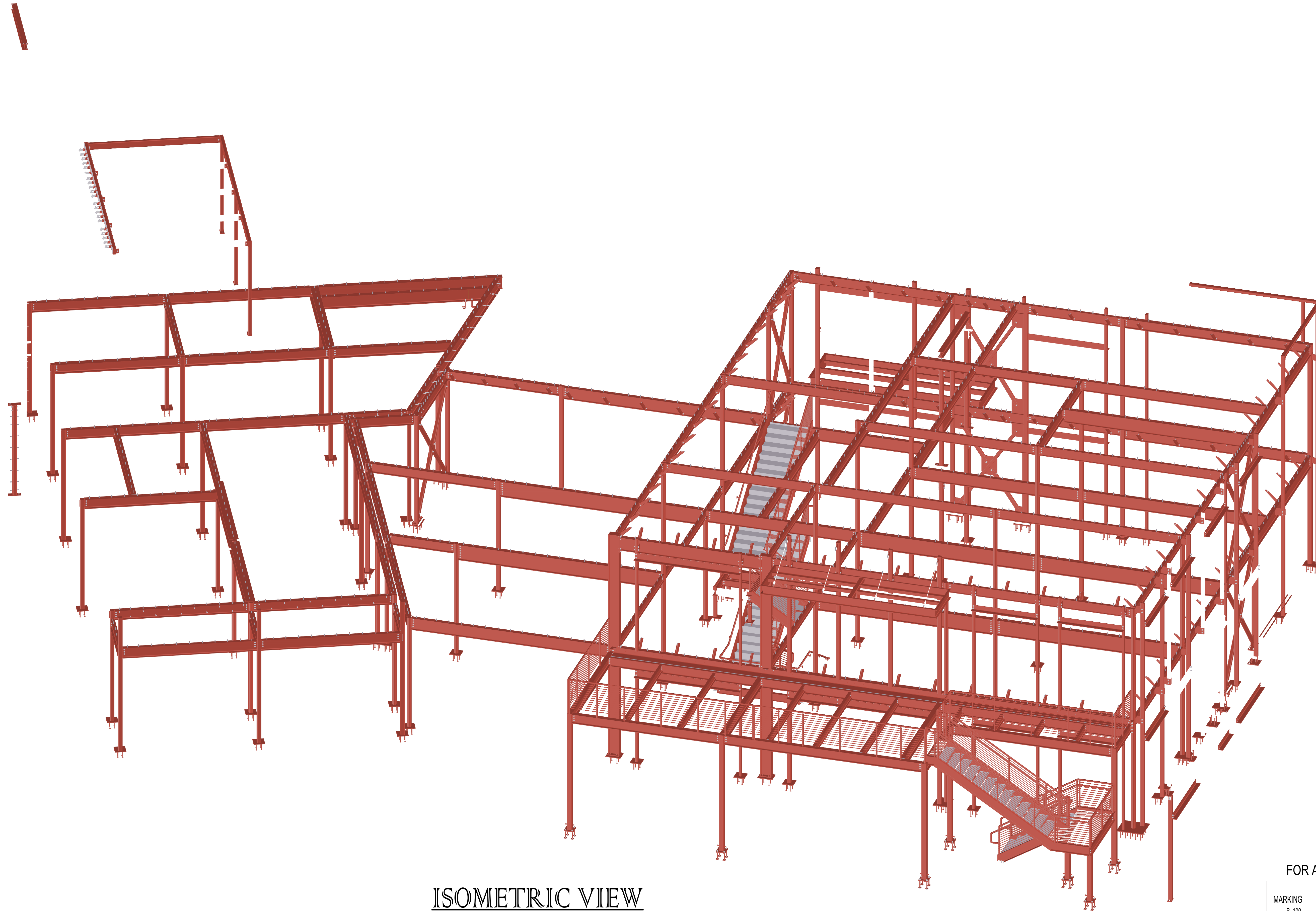
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING		
B_100		
TEMPORARY MARK BEFORE DETAILING		
01B1		
SHEET		
MEMBER TYPE		
SEQUENCE		
A	For Approval	05-06-22
REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO.	REV
DETAILS	AIJU	2210	△
DATE	03-26-21	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	SHA	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	03-26-21	DWG NO.	V1



ISOMETRIC VIEW

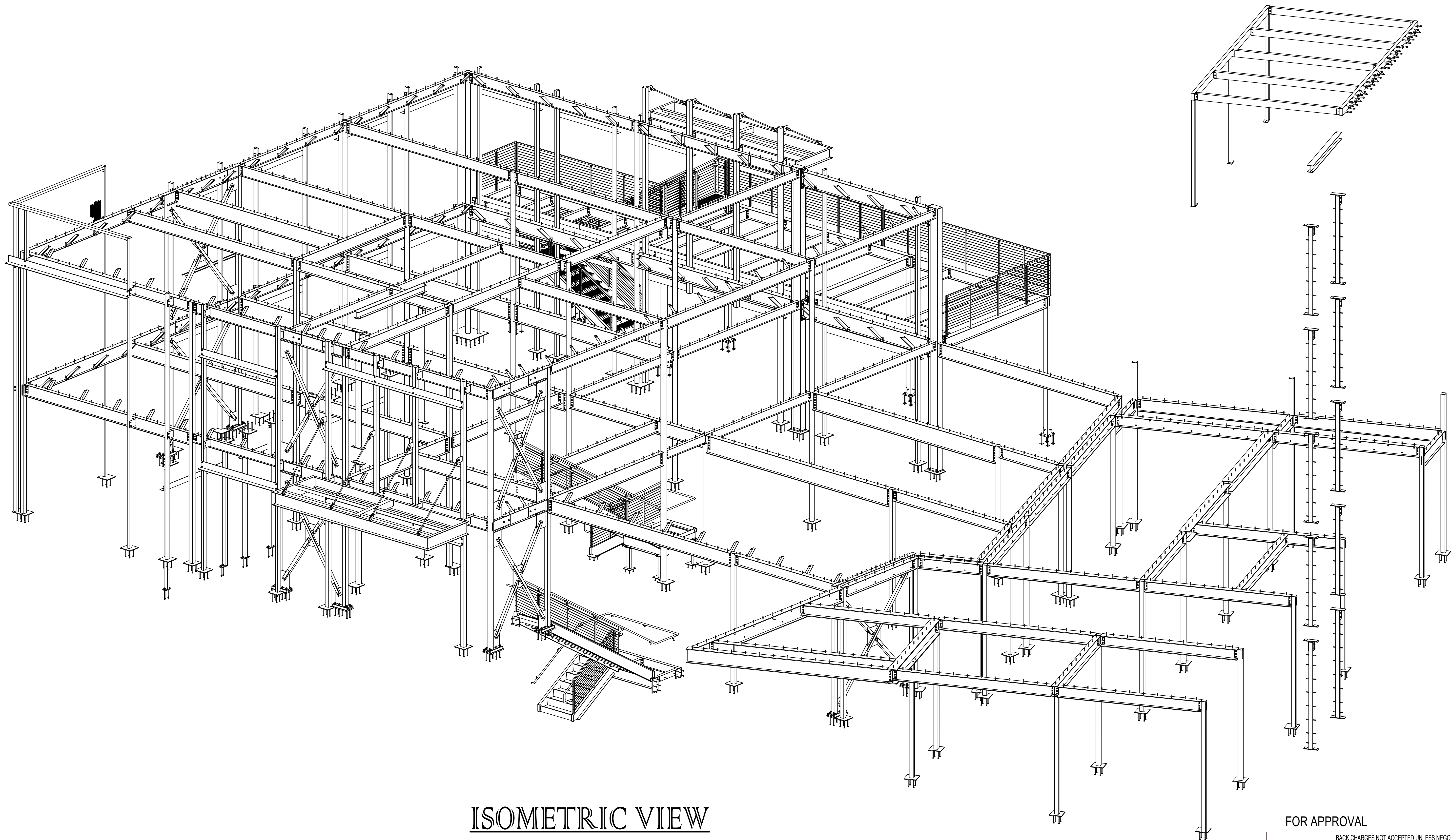
FOR APPROVAL

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MARKING		
B_100		
TEMPORARY MARK BEFORE DETAILING		
01B1		
SHEET		
MEMBER TYPE		
SEQUENCE		
A	For Approval	05-06-22
REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	JOB NAME	2210	△
03-26-21	MILWAUKEE STATION APARTMENTS		
CHECKER	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			V2



ISOMETRIC VIEW

FOR APPROVAL

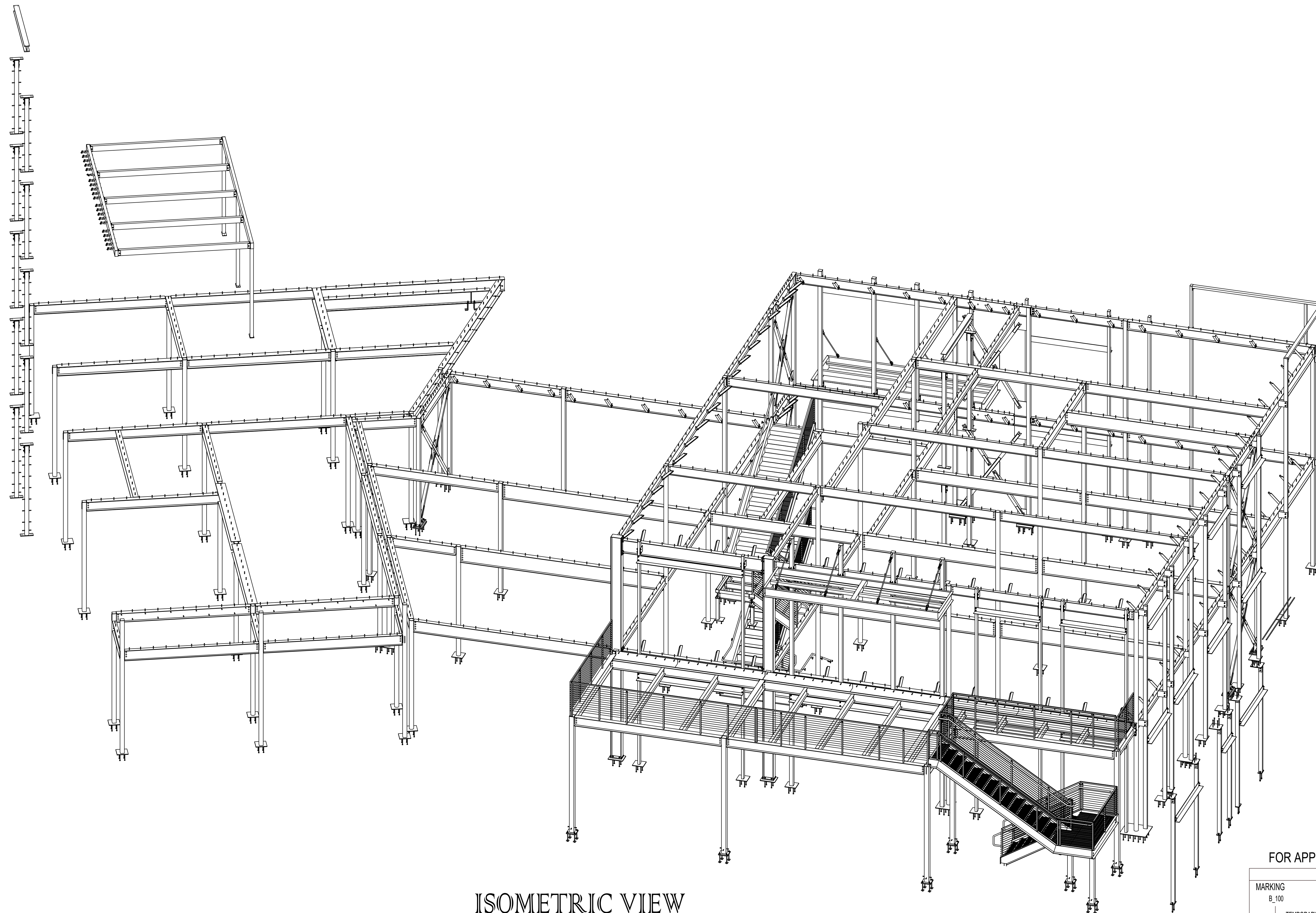
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING		
B_100		
TEMPORARY MARK BEFORE DETAILING		
01B1		
SHEET		
MEMBER TYPE		
SEQUENCE		
A	For Approval	05-06-22
REV	DESCRIPTION	DATE



ANDERSON STEEL SUPPLY, INC. IS A MATERIALS SUPPLIER ONLY  
 DESIGN VERIFICATION AND REVIEW IS THE RESPONSIBILITY OF THE DESIGNER OF RECORD

DETAILER	AJU	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO.	2210
DATE	03-26-21	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO.	V3
CHECKER	SHA				
APPROVED	03-26-21				



ISOMETRIC VIEW

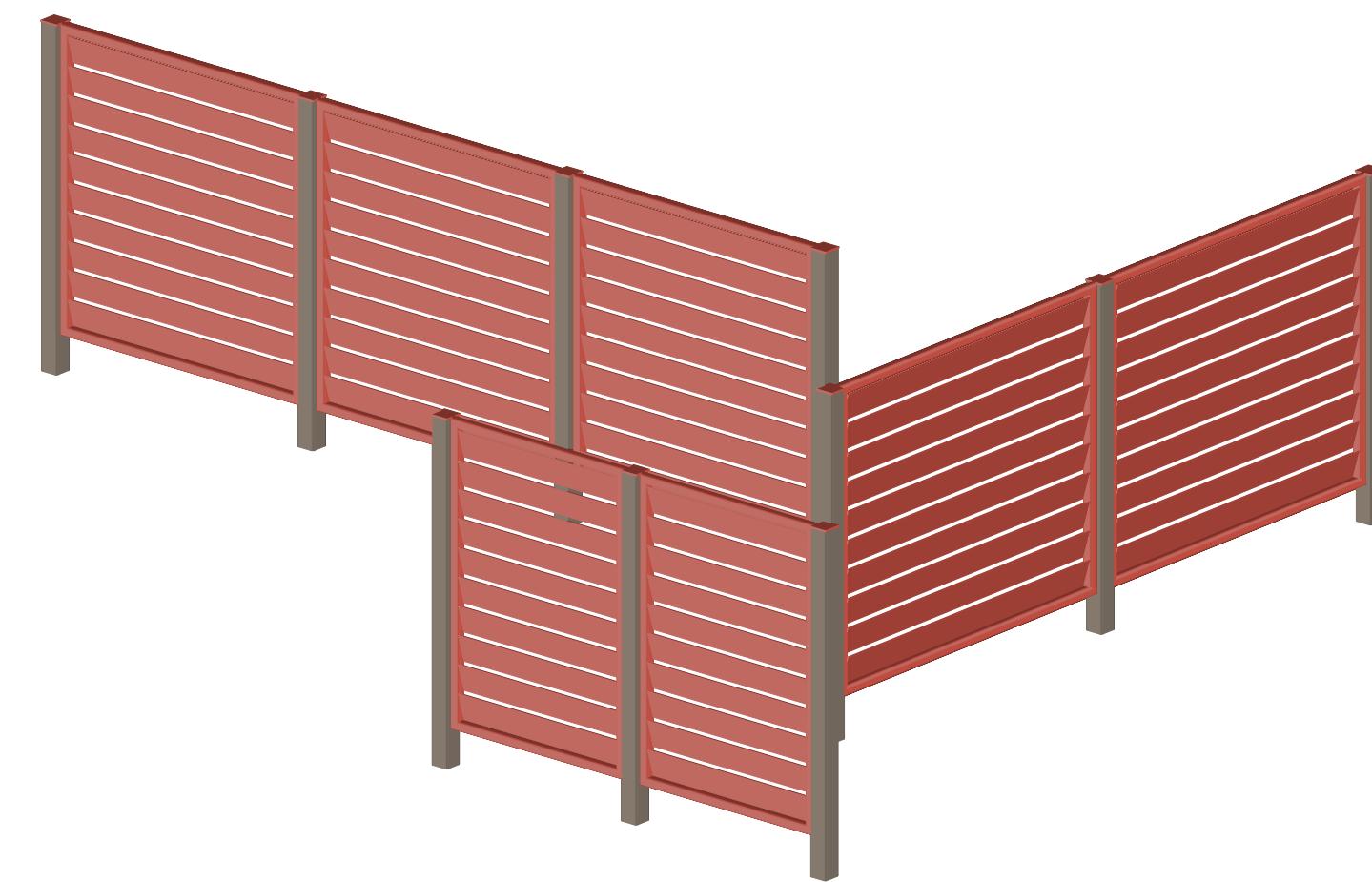
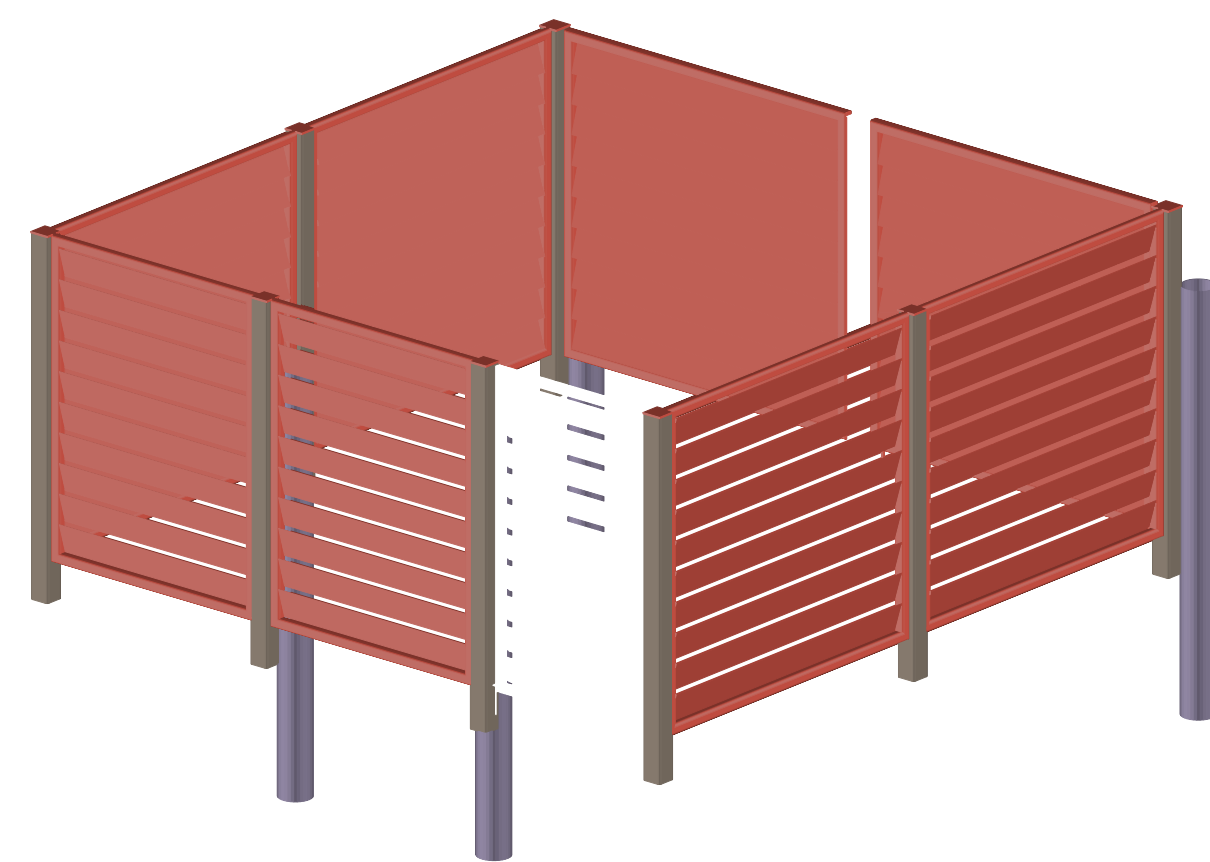
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

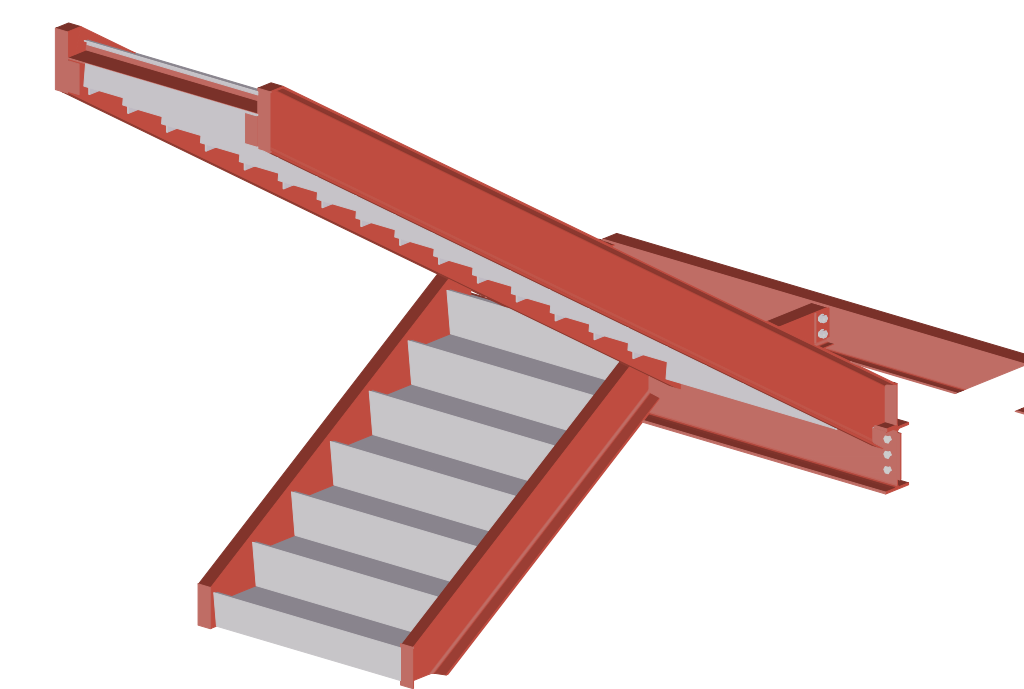
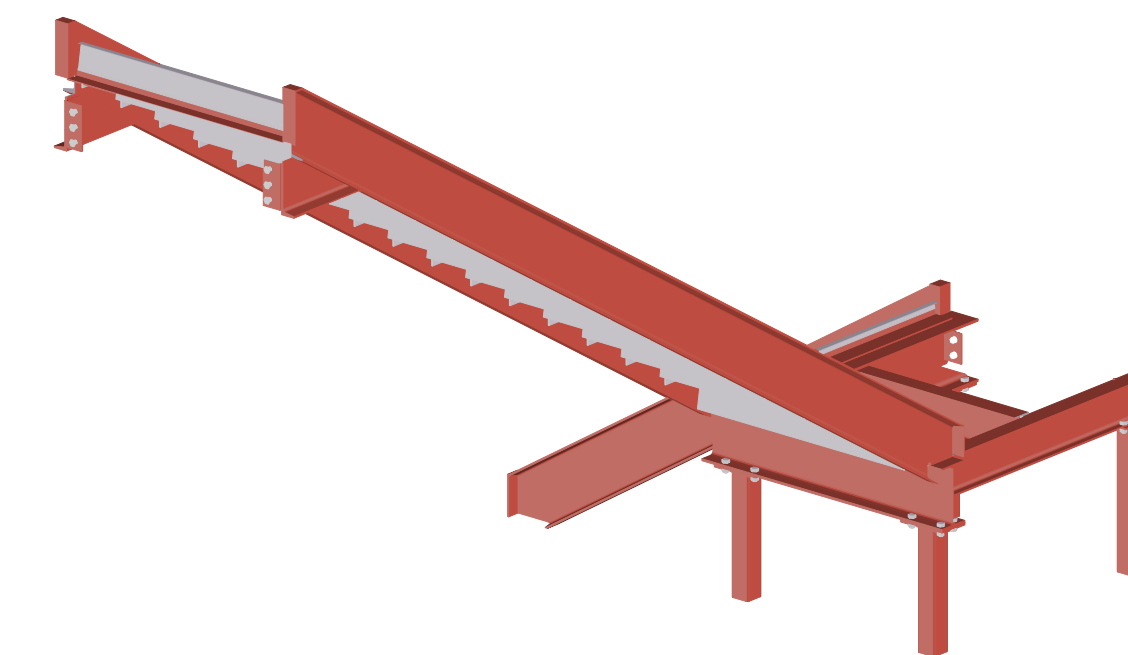
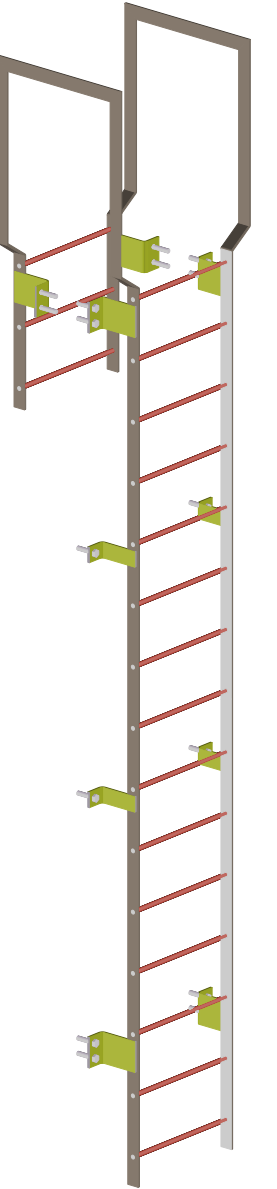
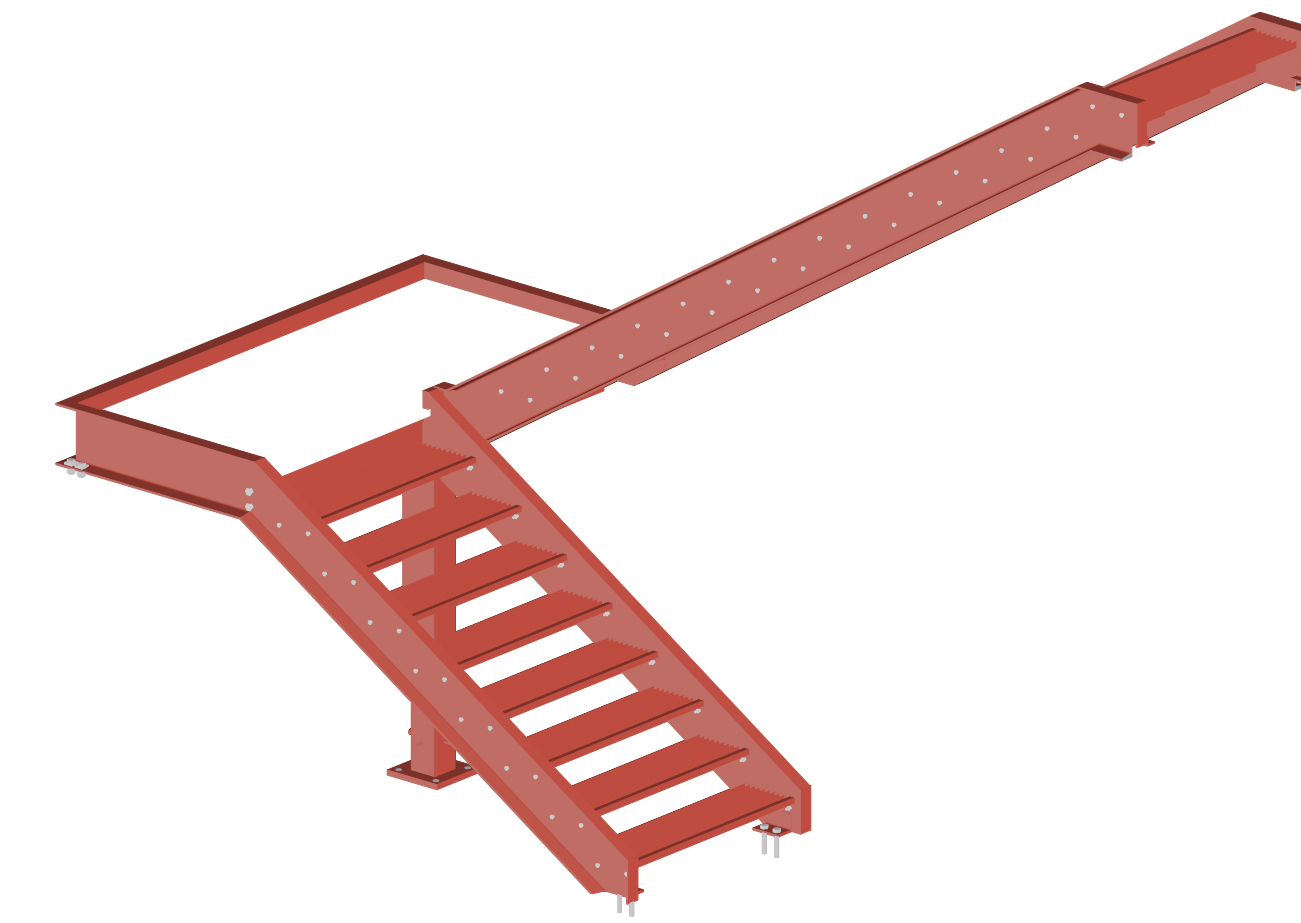
MARKING	DESCRIPTION	DATE
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A	For Approval	05-06-22
REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	JOB NAME	2210	2
03-26-21	MILWAUKEE STATION APARTMENTS		
CHECKER	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			V4



# ISOMETRIC VIEW



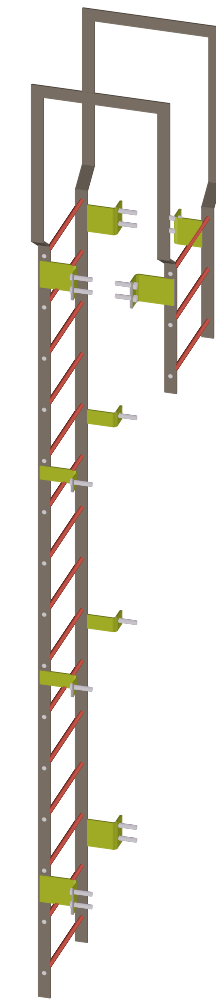
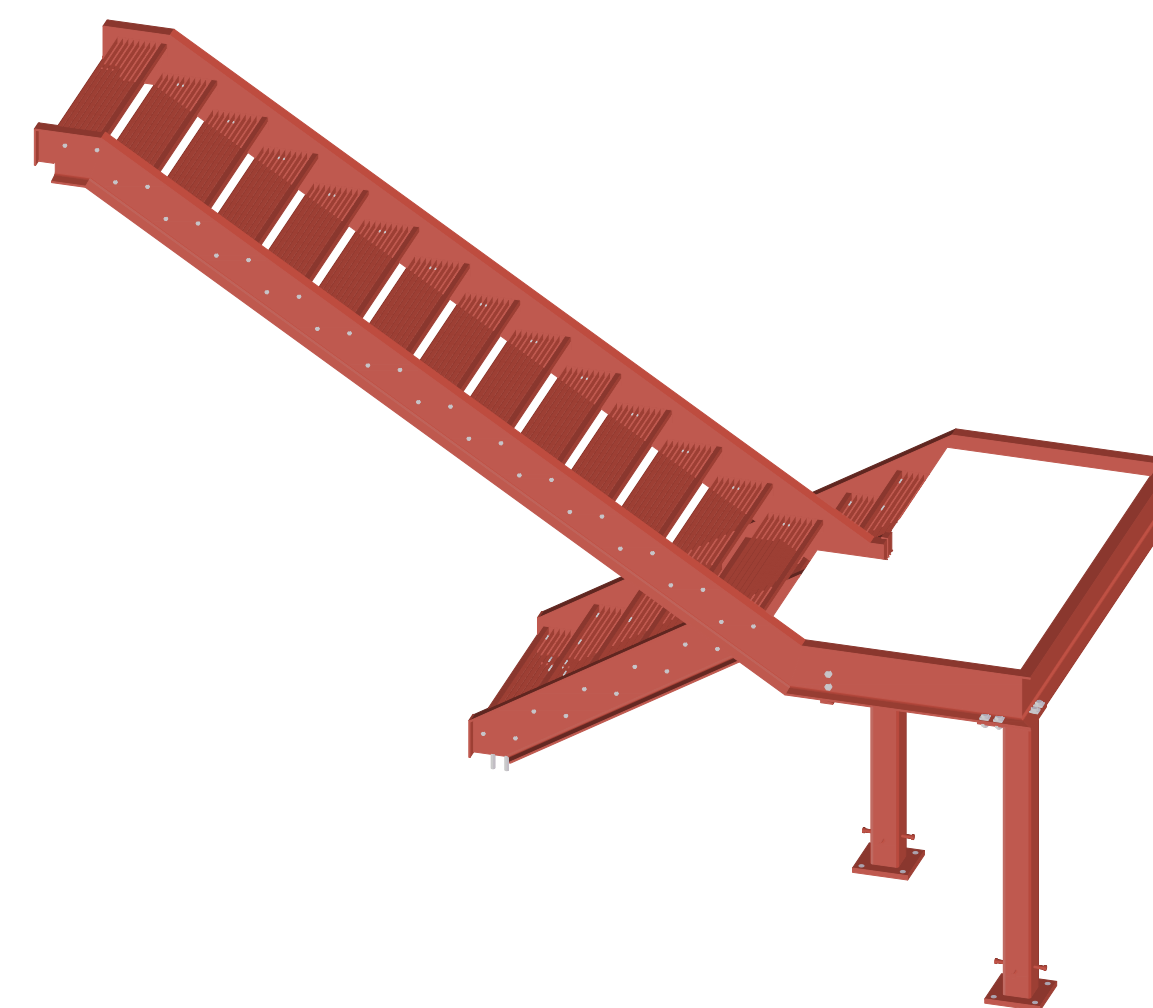
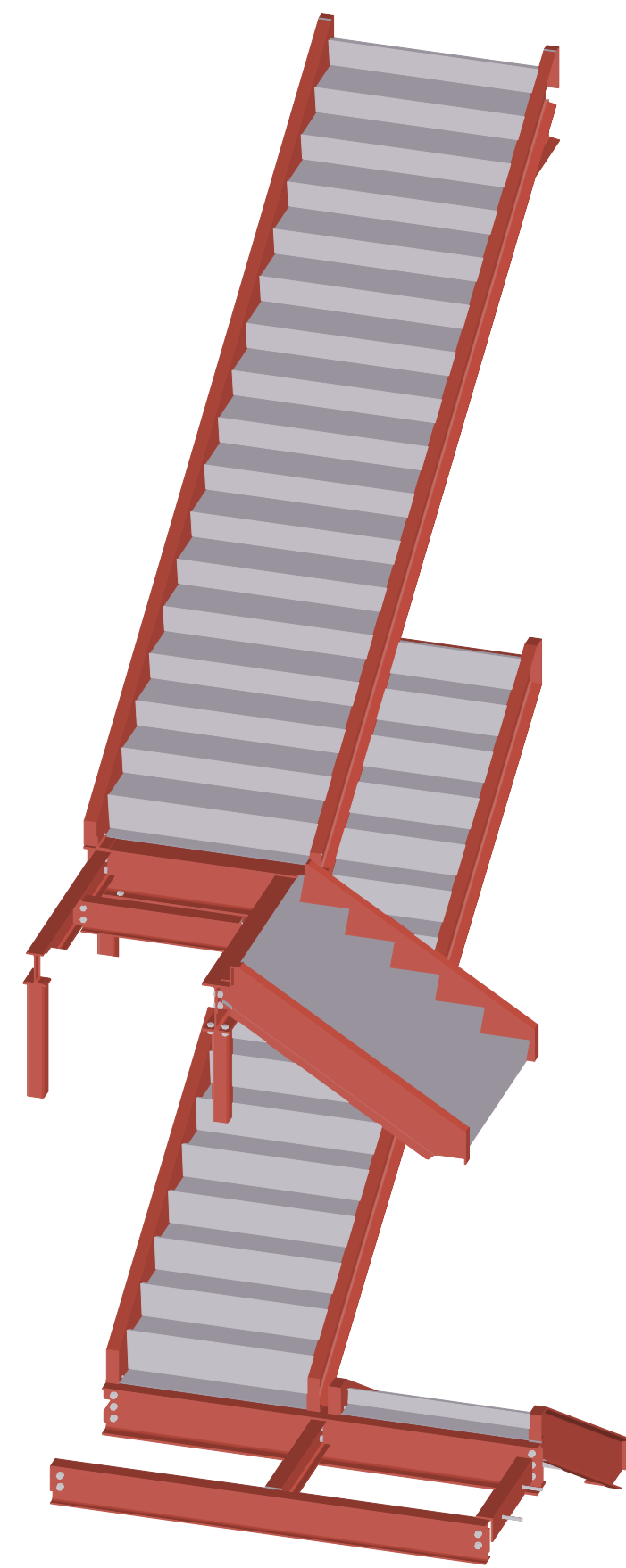
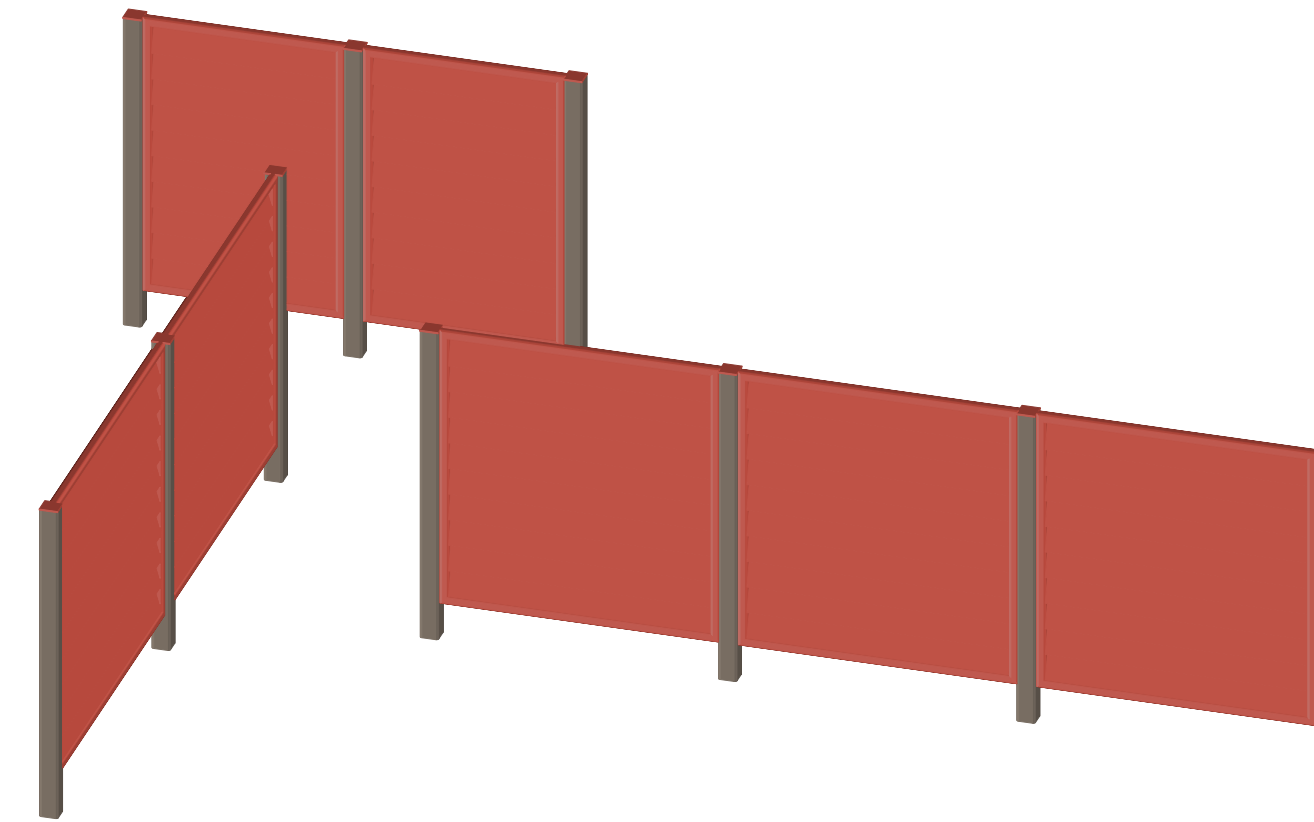
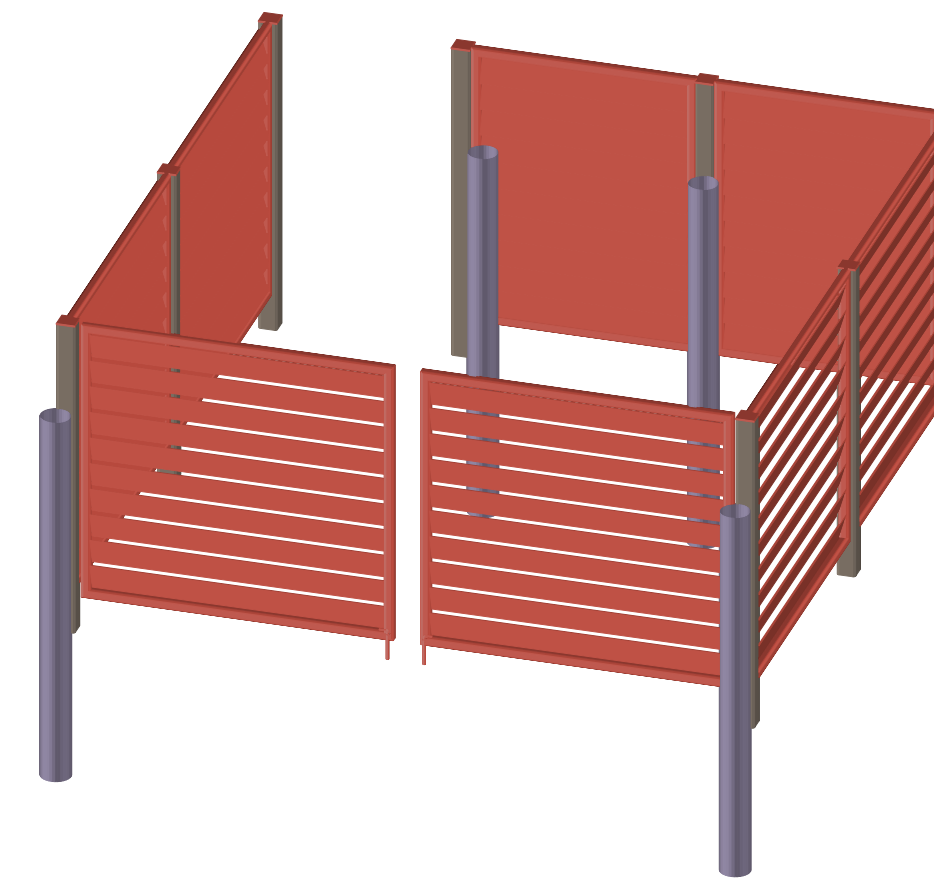
## FOR APPROVAL

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MARKING	DESCRIPTION	DATE
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01B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
CHECKER	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			V5



ISOMETRIC VIEW

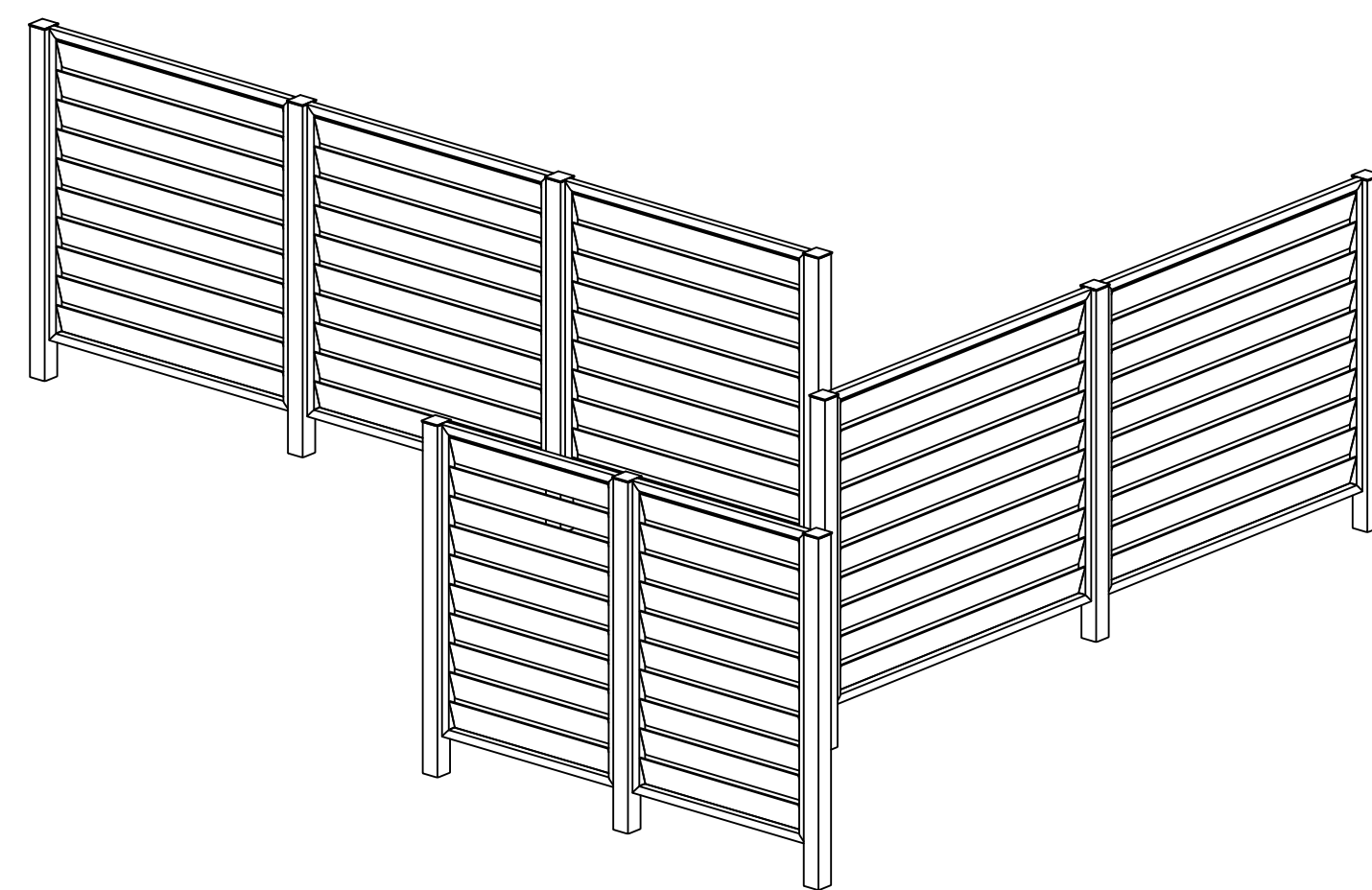
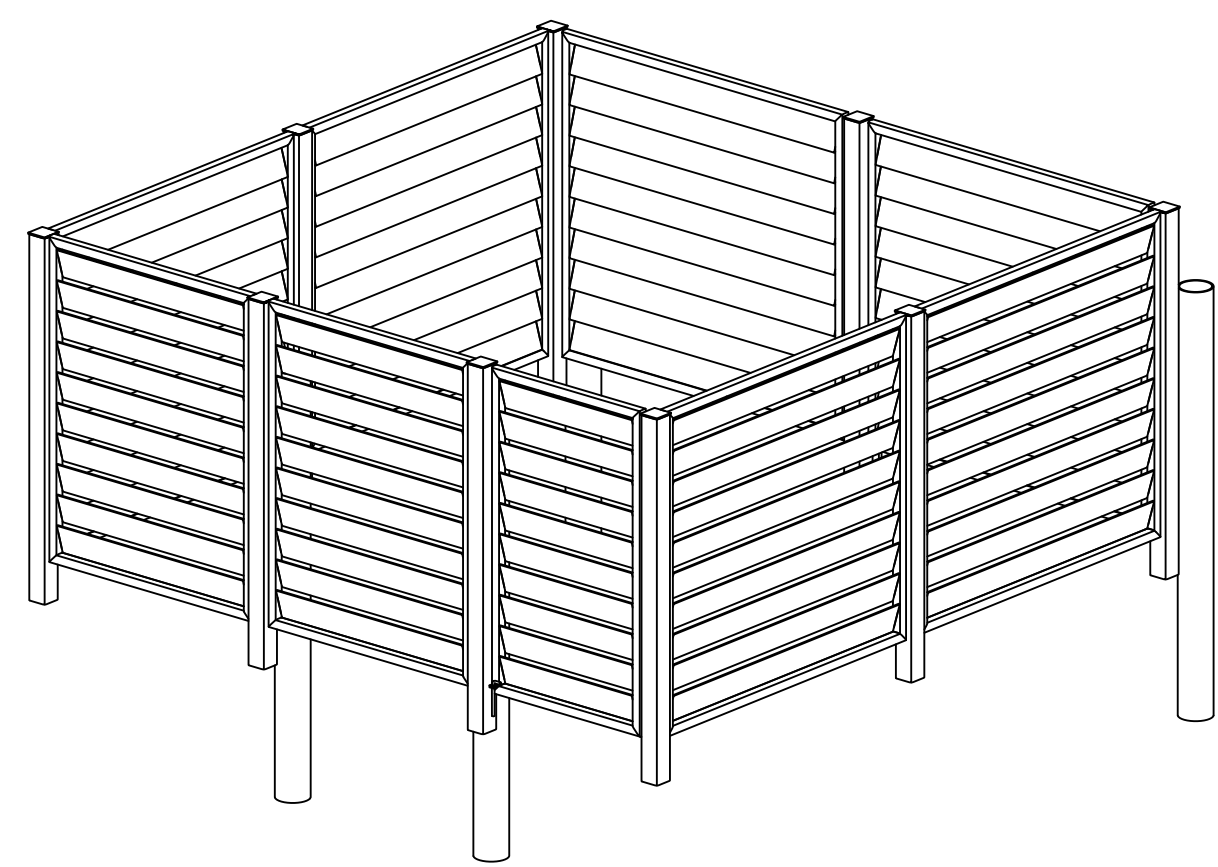
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

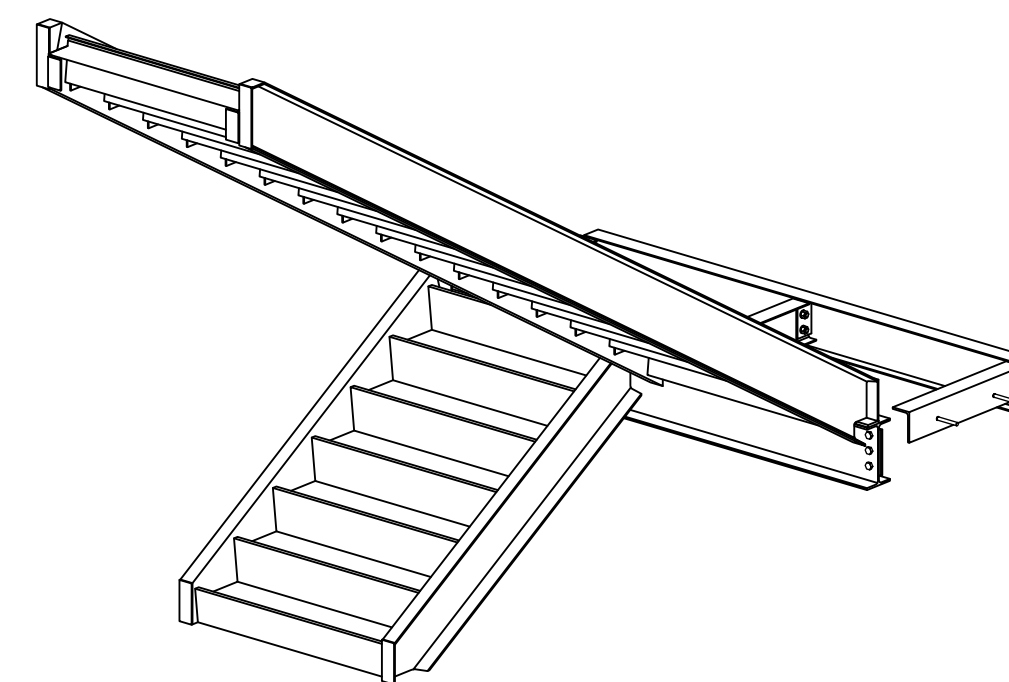
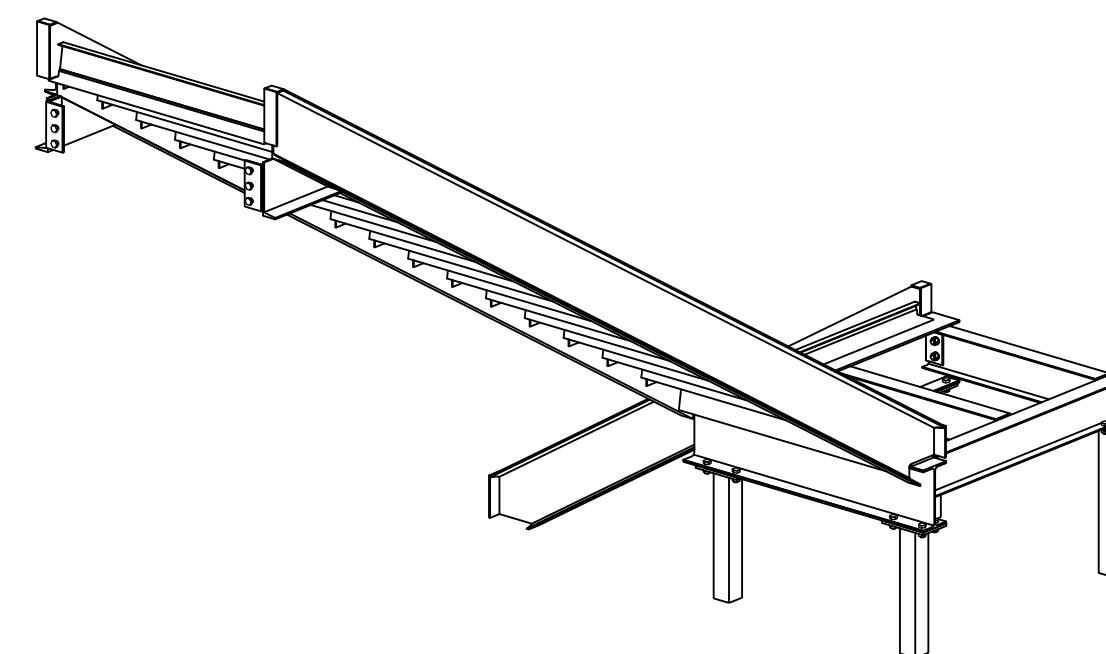
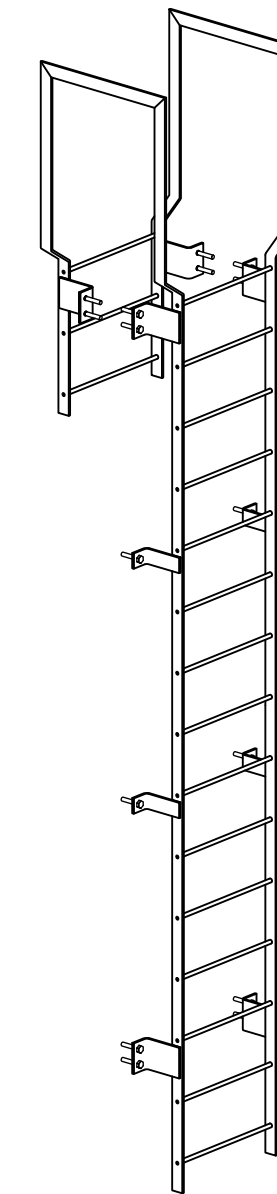
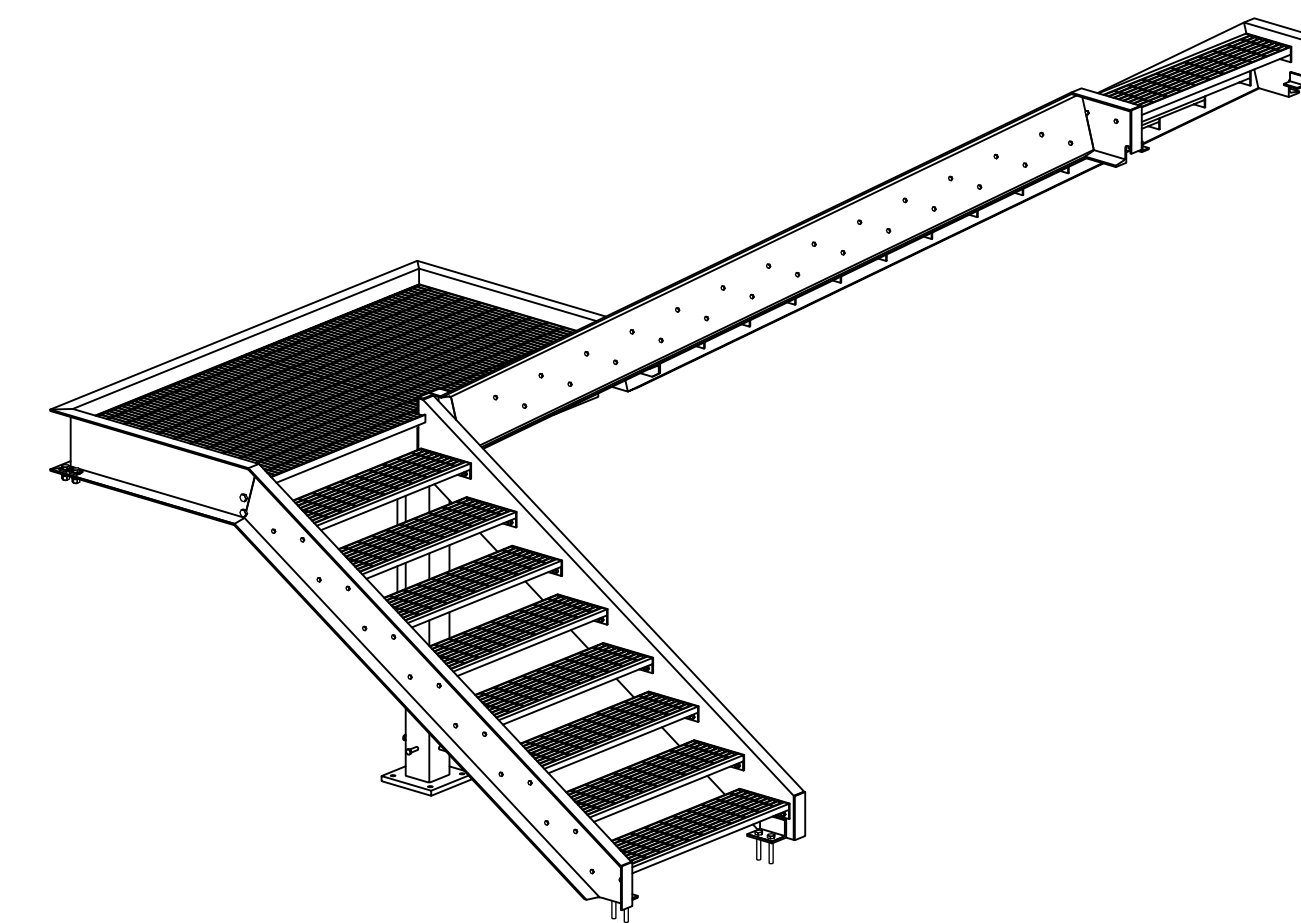
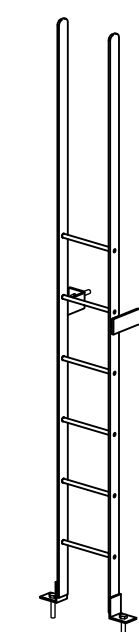
MARKING		
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SHEET		
MEMBER TYPE		
SEQUENCE		
A	For Approval	05-16-22
REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	JOB NAME	2210	△
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN BY	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			V6



# ISOMETRIC VIEW



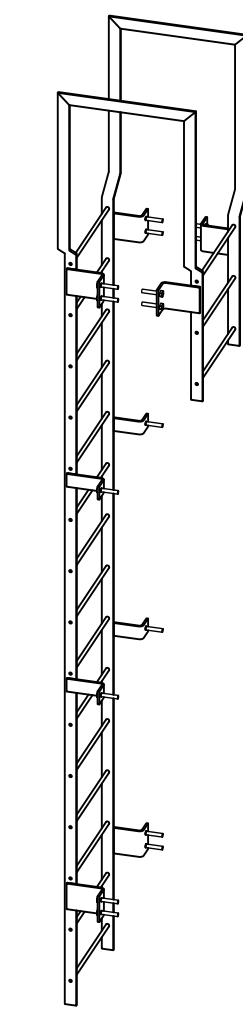
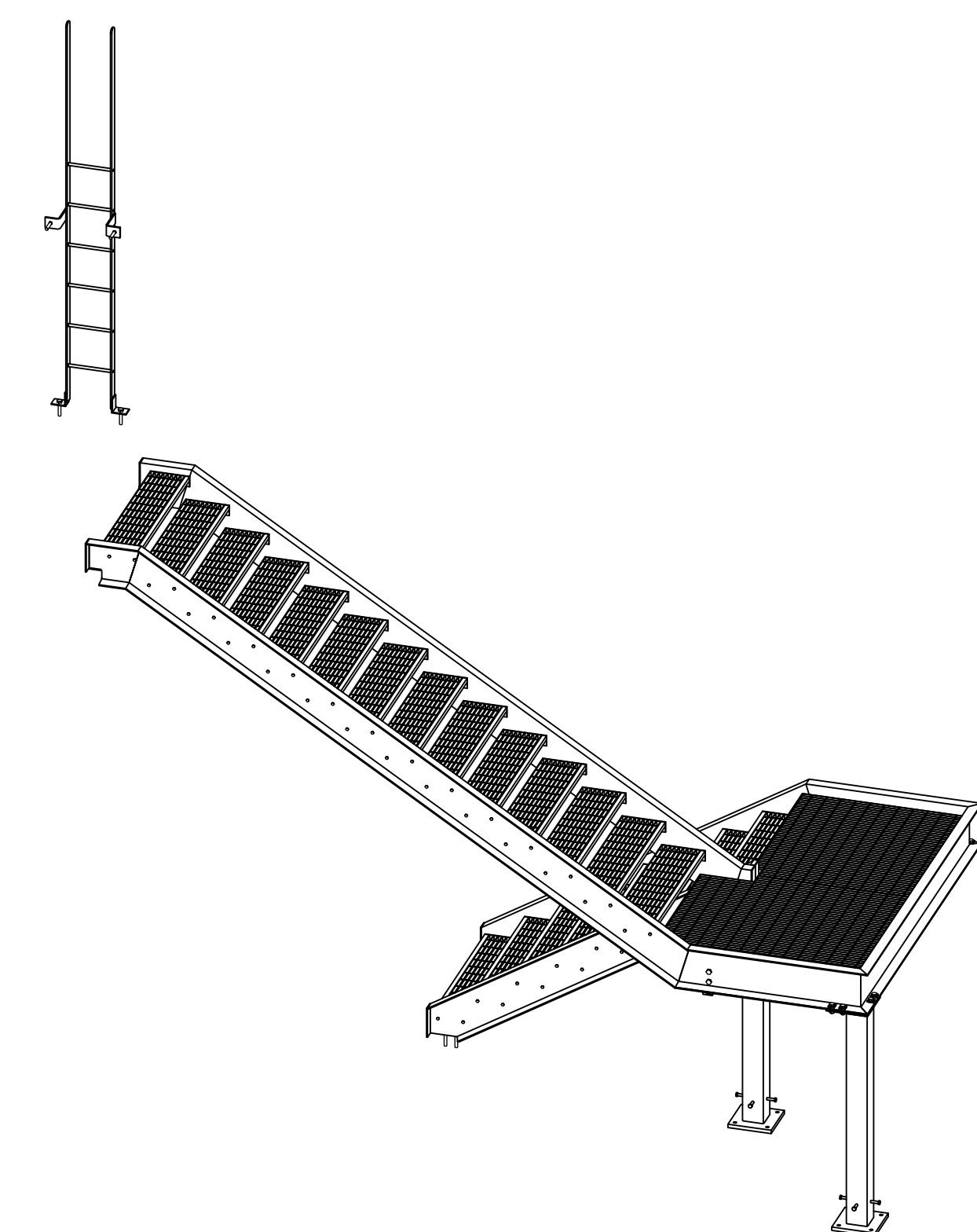
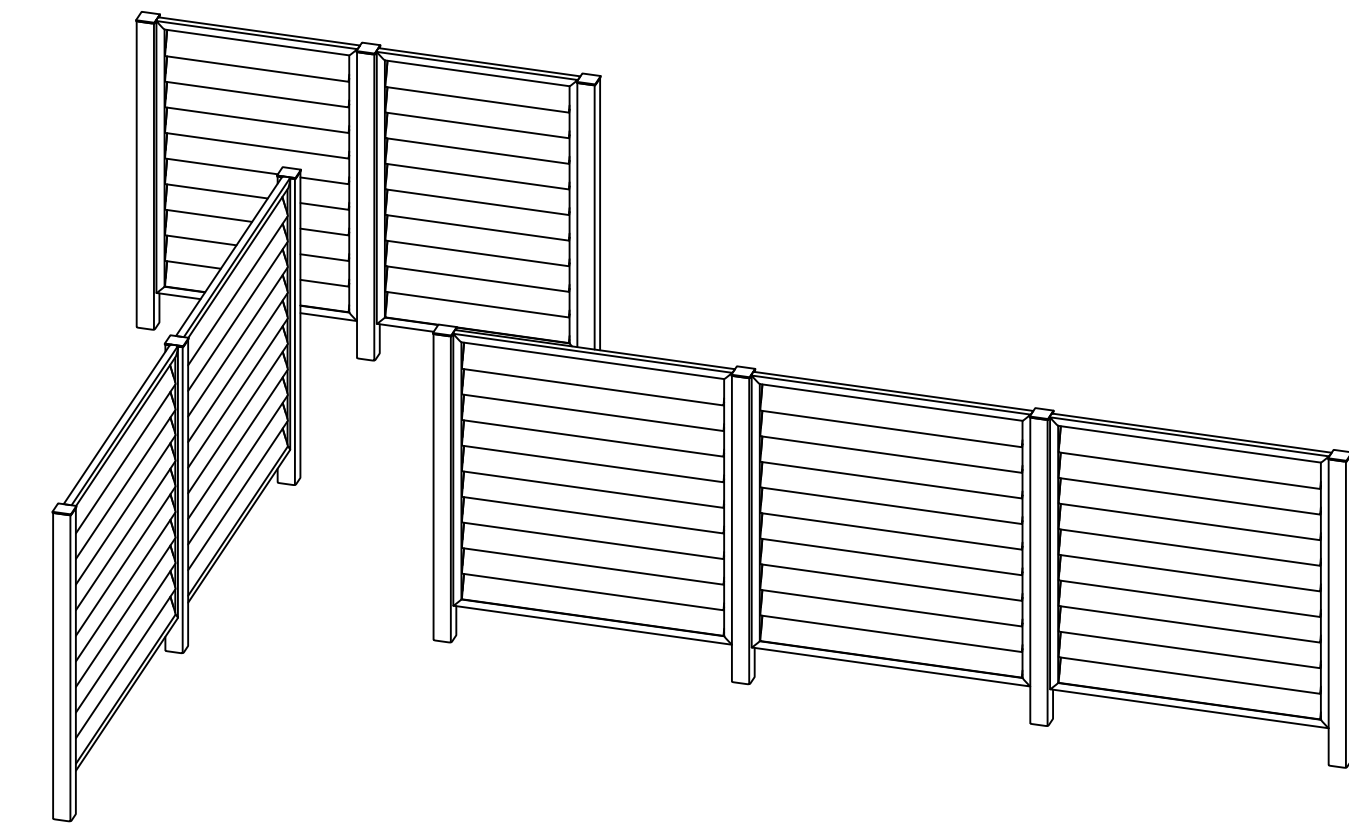
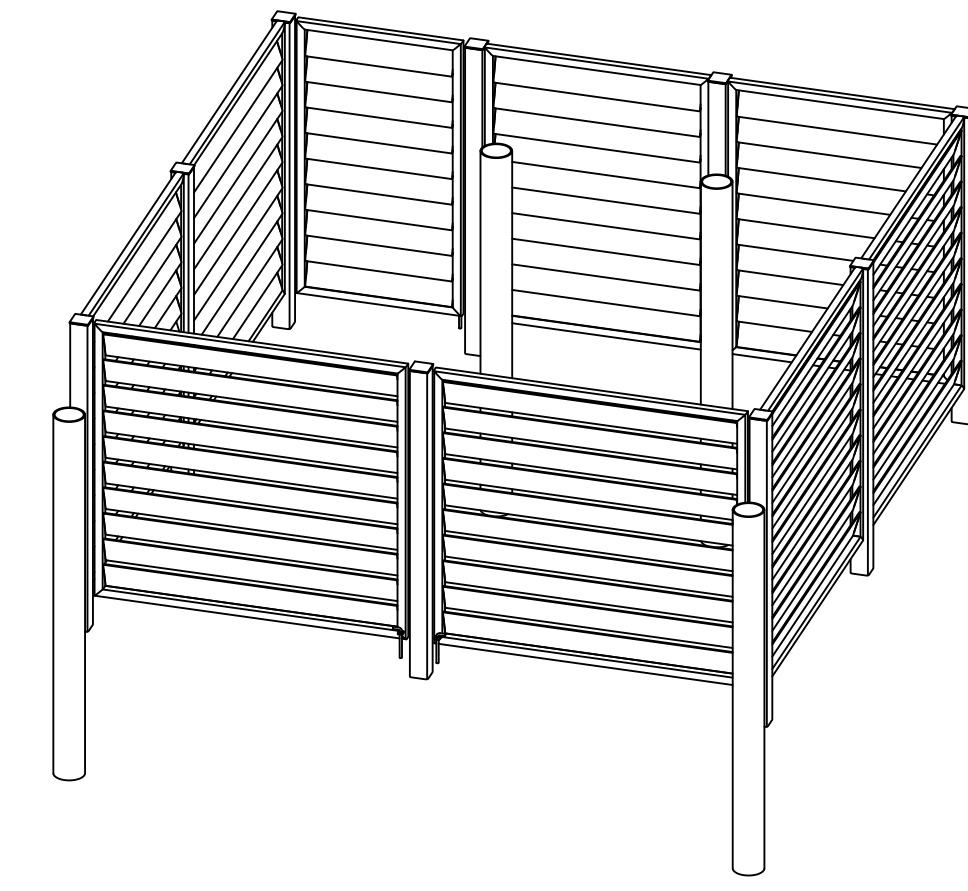
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MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE



DETAILS		JOB NAME		PROJECT NO	REV
DATE	03-26-21	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	SHA	GREAT FALLS, MONTANA			
APPROVED	03-26-21				V7



ISOMETRIC VIEW

FOR APPROVAL

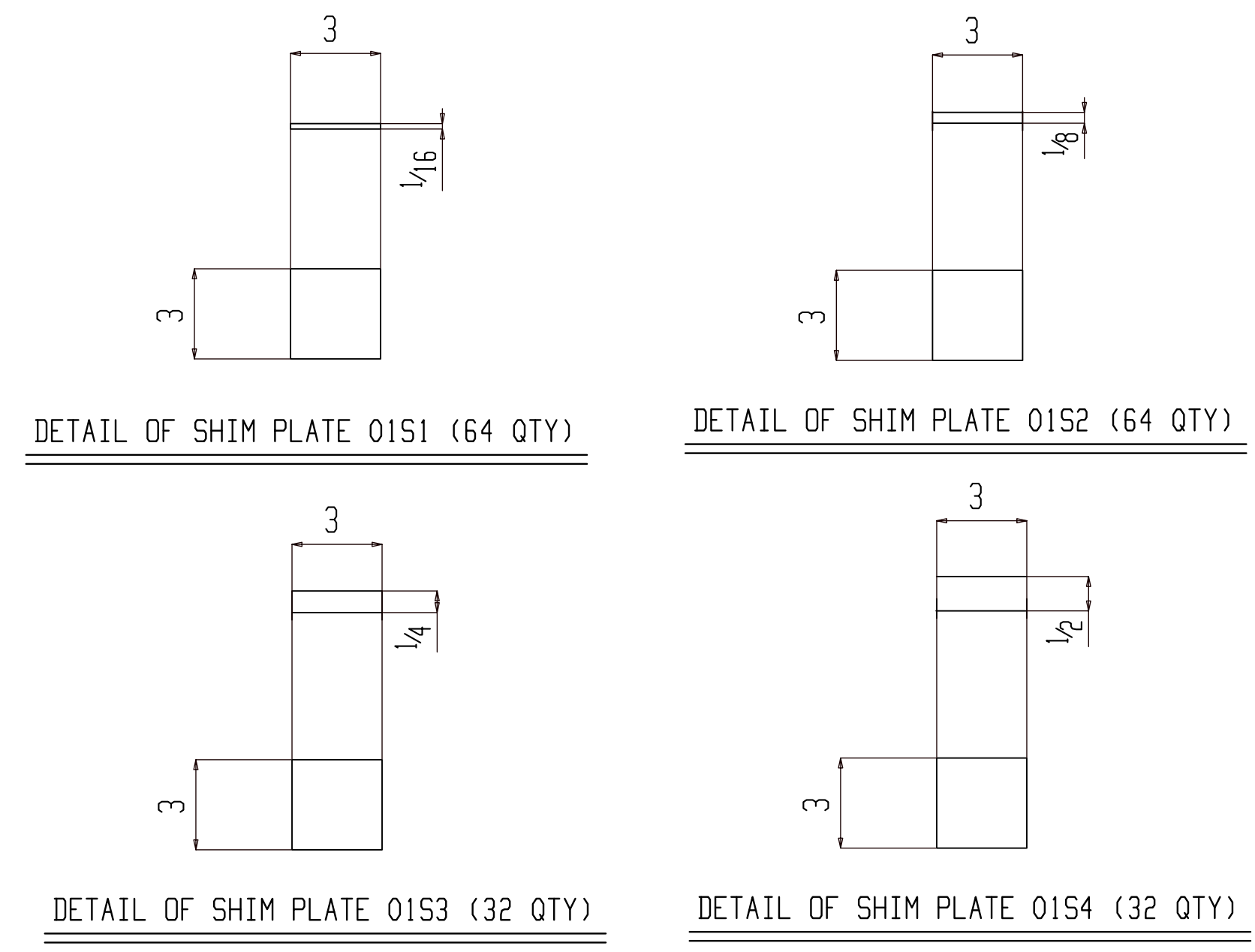
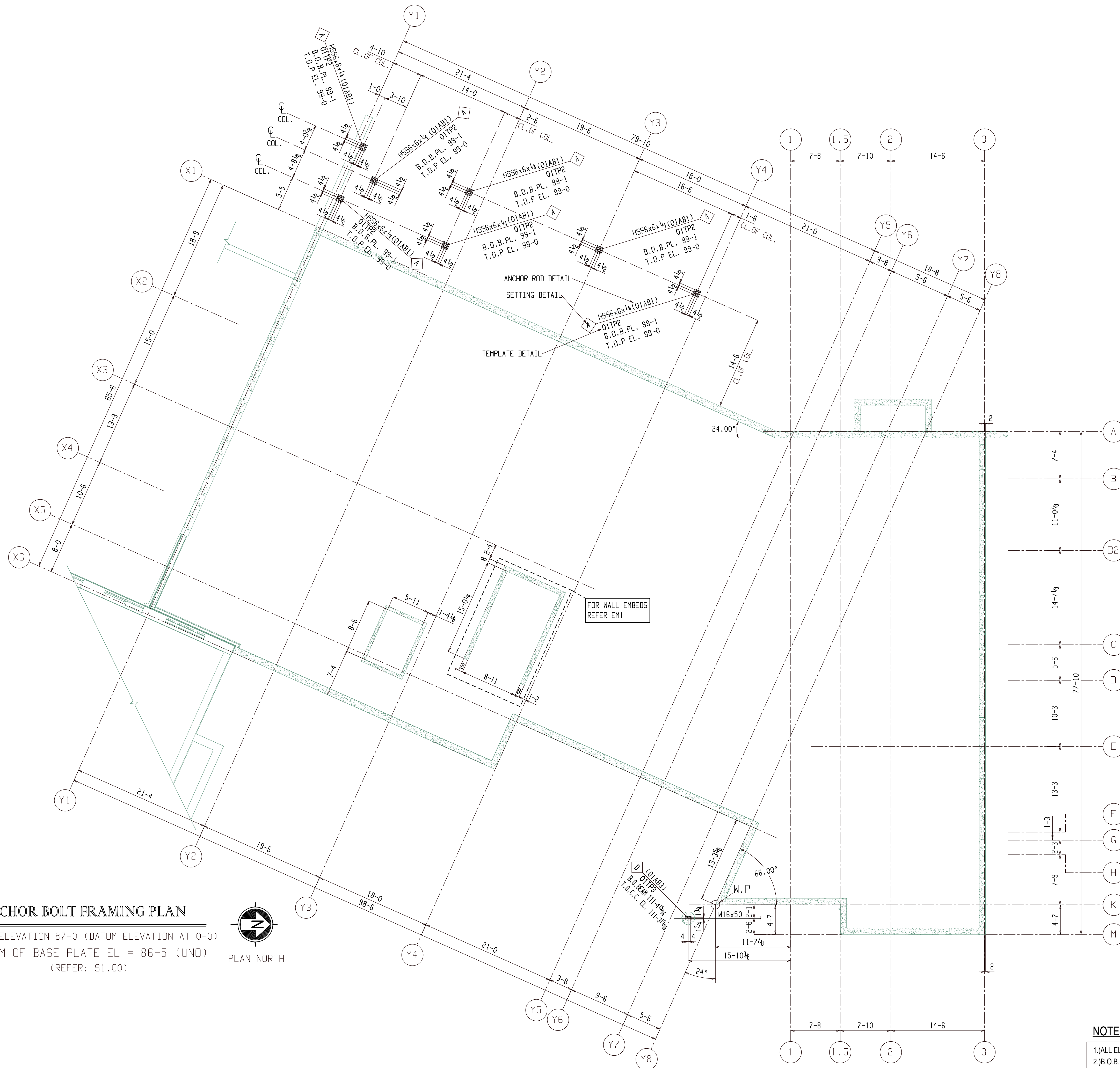
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

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A	For Approval	05-16-22
REV	DESCRIPTION	DATE



DETAILS		JOB NAME		PROJECT NO	REV
DATE	03-26-21	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	SHA	GREAT FALLS, MONTANA			
APPROVED	03-26-21				V8



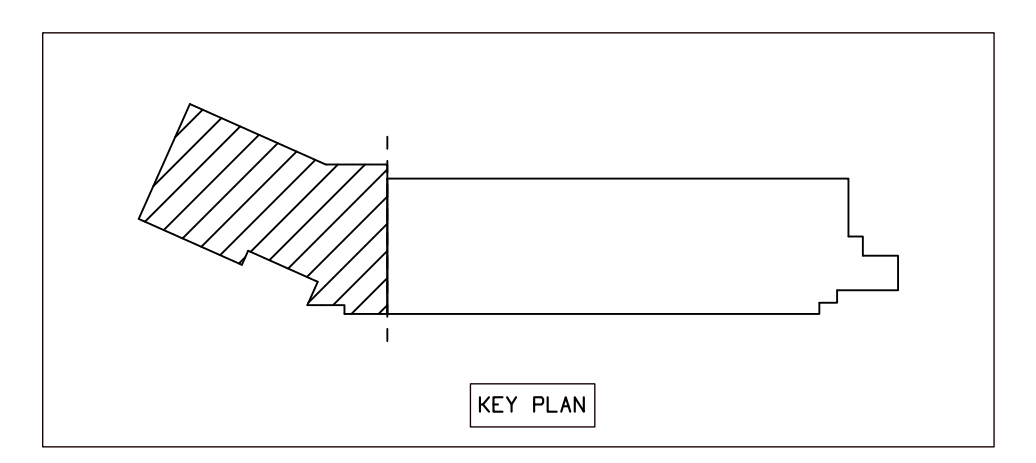


**ANCHOR BOLT FRAMING PLAN**

PLAN AT ELEVATION 87-0 (DATUM ELEVATION AT 0-0)  
 BOTTOM OF BASE PLATE EL = 86-5 (UND)  
 (REFER: S1.CO)



WORK THIS SHEET WITH ABP2, EM1, EM7 THRU EM9



**NOTES:-**

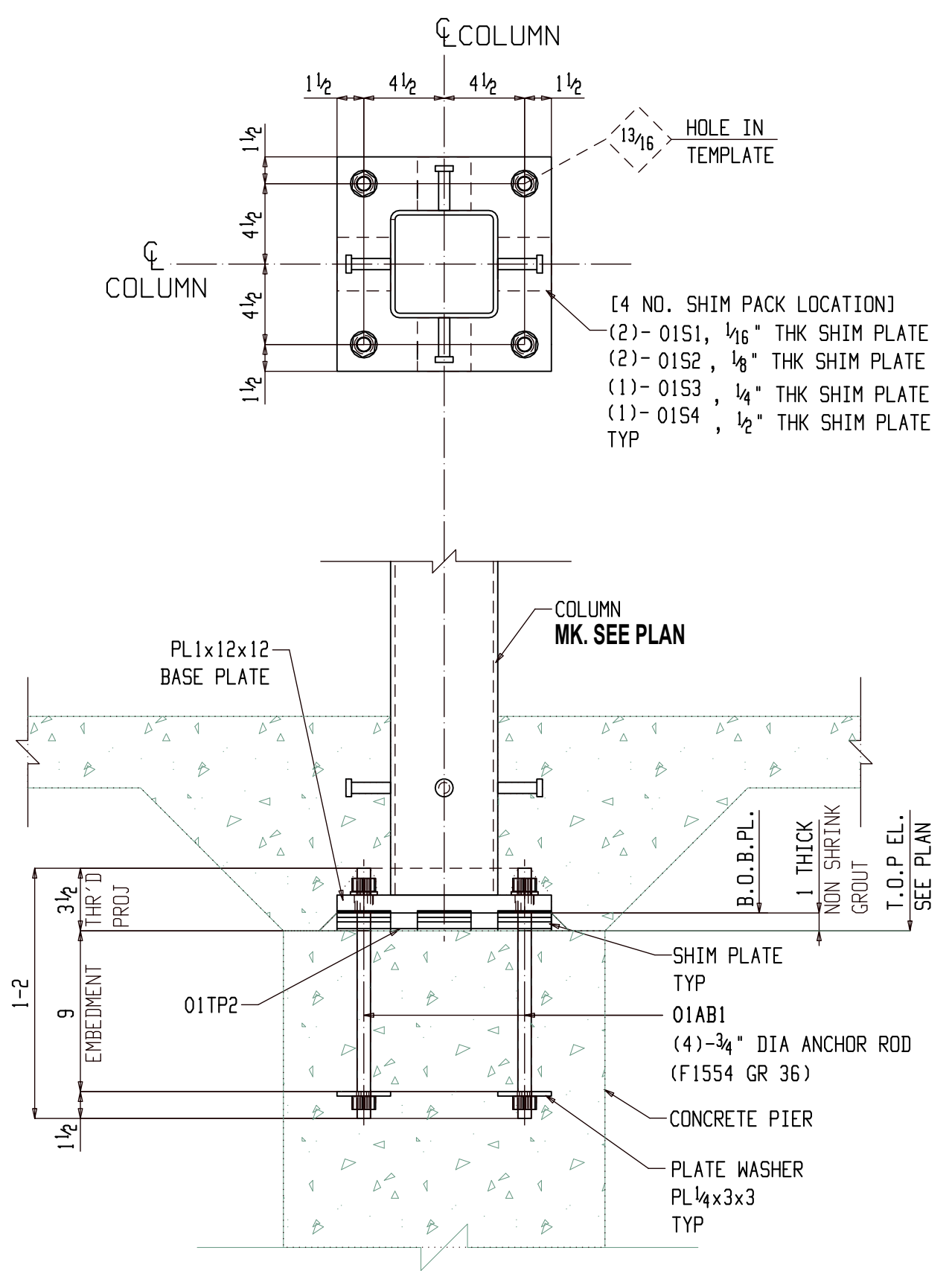
- 1) ALL ELEVATION ARE GIVEN FROM FINISH FLOOR EL. 87-0
- 2) B.O.B.PL. INDICATES BOTTOM OF BASE PLATE ELEVATION.
- 3) T.O.P.EL. INDICATES TOP OF PIER ELEVATION.
- 4) T.O.C.EL. INDICATES TOP OF CONCRETE WALL ELEVATION.
- 5) T.O.C.C. INDICATES TOP OF CONCRETE COLUMN ELEVATION.

**FOR FIELD USE**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET	
	MEMBER TYPE	
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0	For Field Use	06-27-22
A	For Approval	04-18-22
REV	DESCRIPTION	DATE

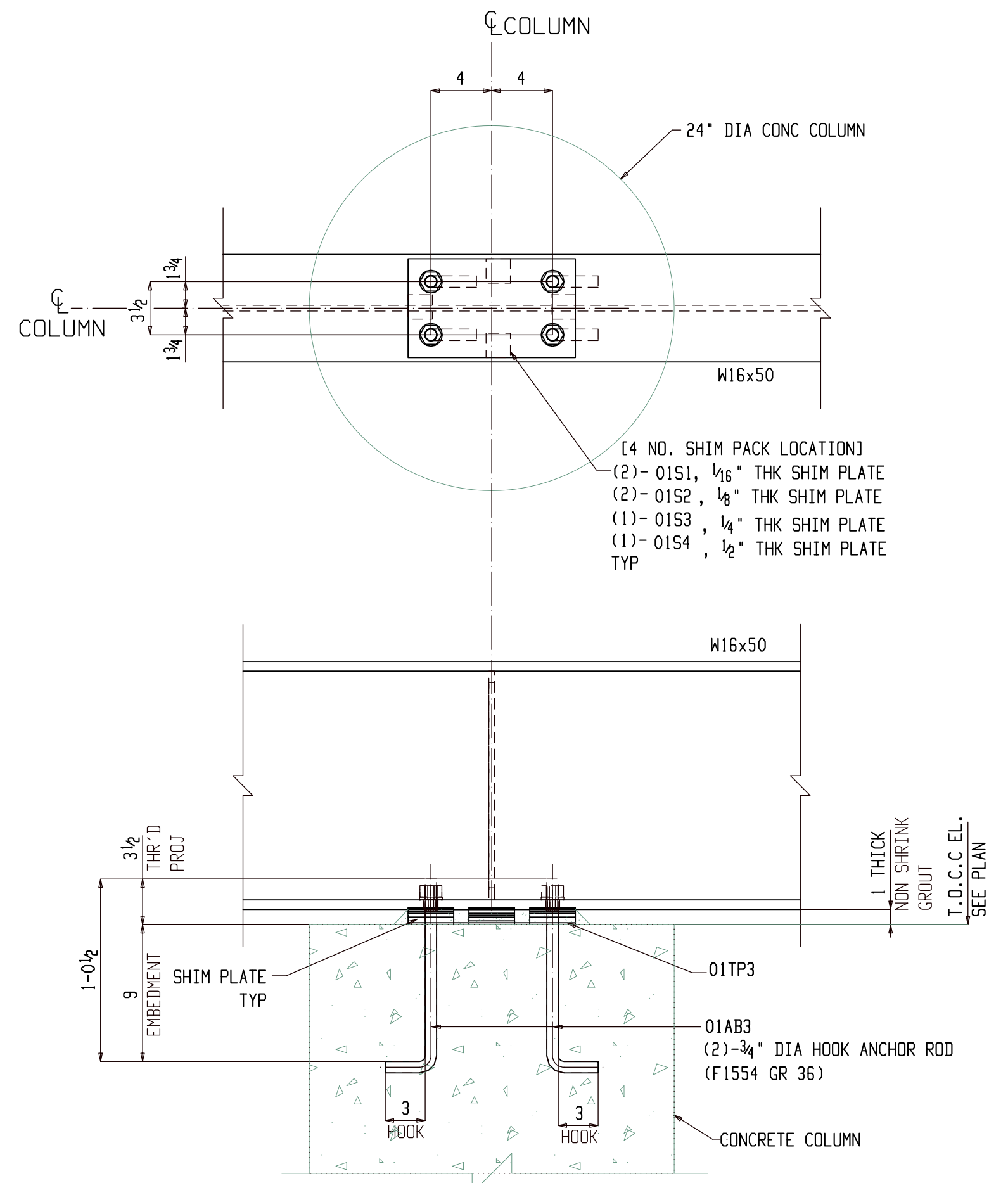
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DATE	JOB NAME	2210	ABP1
03-26-21	MILWAUKEE STATION APARTMENTS		
CHECKER	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			



**A** ANCHOR ROD SETTING DETAIL  
 ABP2 (REF: 20/S4.2) (7 LOCATIONS)

B/AB2 DELETED

C/AB2 DELETED



**D** ANCHOR ROD SETTING DETAIL  
 ABP2 (REF: 16/S3.1) (1 LOCATION)

WORK THIS SHEET WITH ABP1, EM1, EM7 THRU EM9

**NOTES:-**

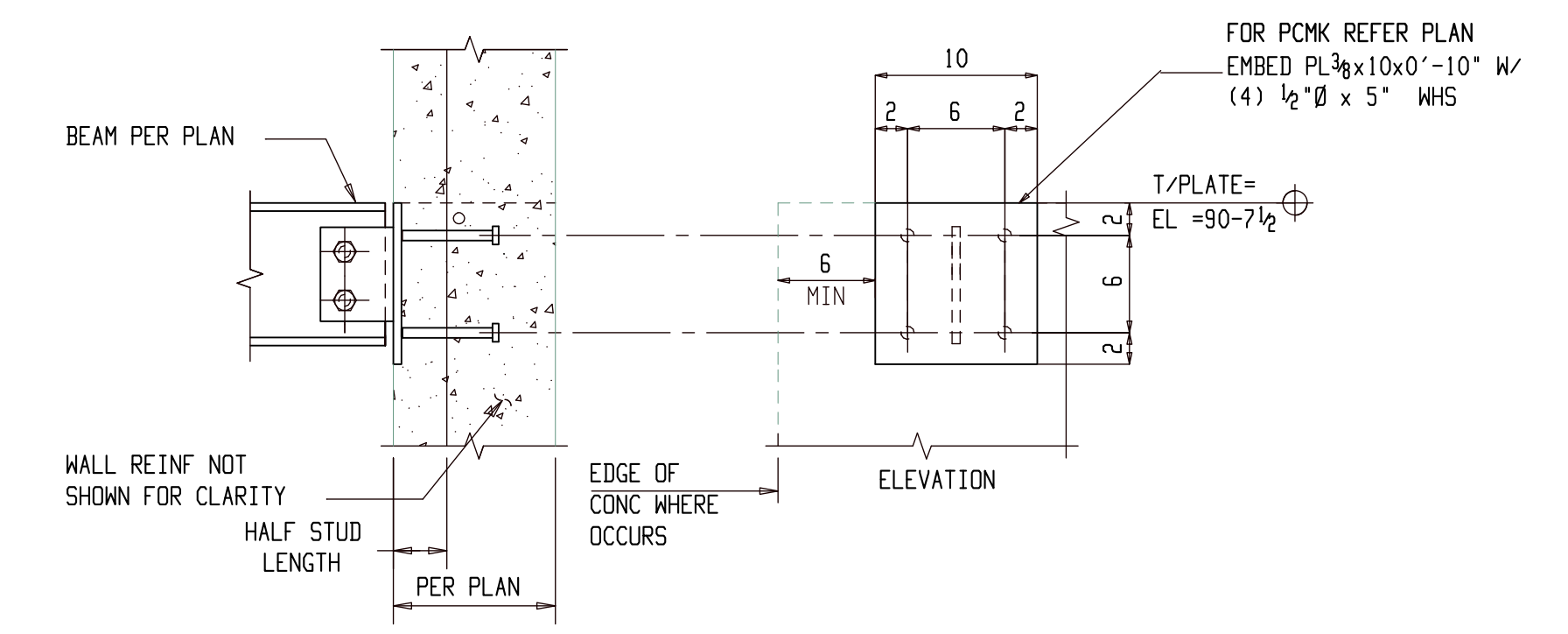
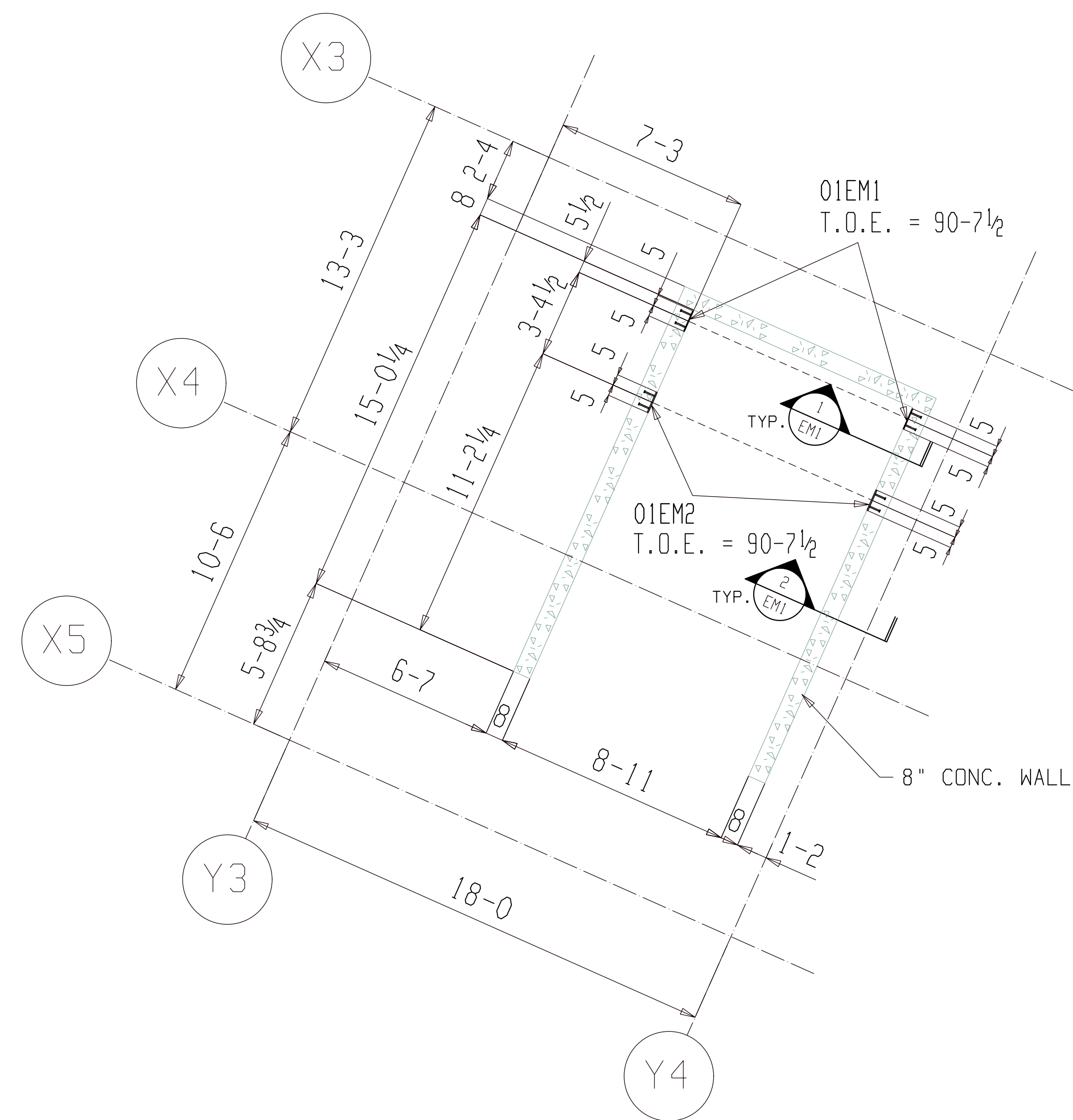
- 1) ALL ELEVATION ARE GIVEN FROM FINISH FLOOR EL. 87-0
- 2) B.O.B.P.L. INDICATES BOTTOM OF BASE PLATE ELEVATION.
- 3) T.O.P.E.L. INDICATES TOP OF PIER ELEVATION.
- 4) T.O.C.E.L. INDICATES TOP OF CONCRETE WALL ELEVATION.
- 5) T.O.C.C. INDICATES TOP OF CONCRETE COLUMN ELEVATION.

**FOR FIELD USE**

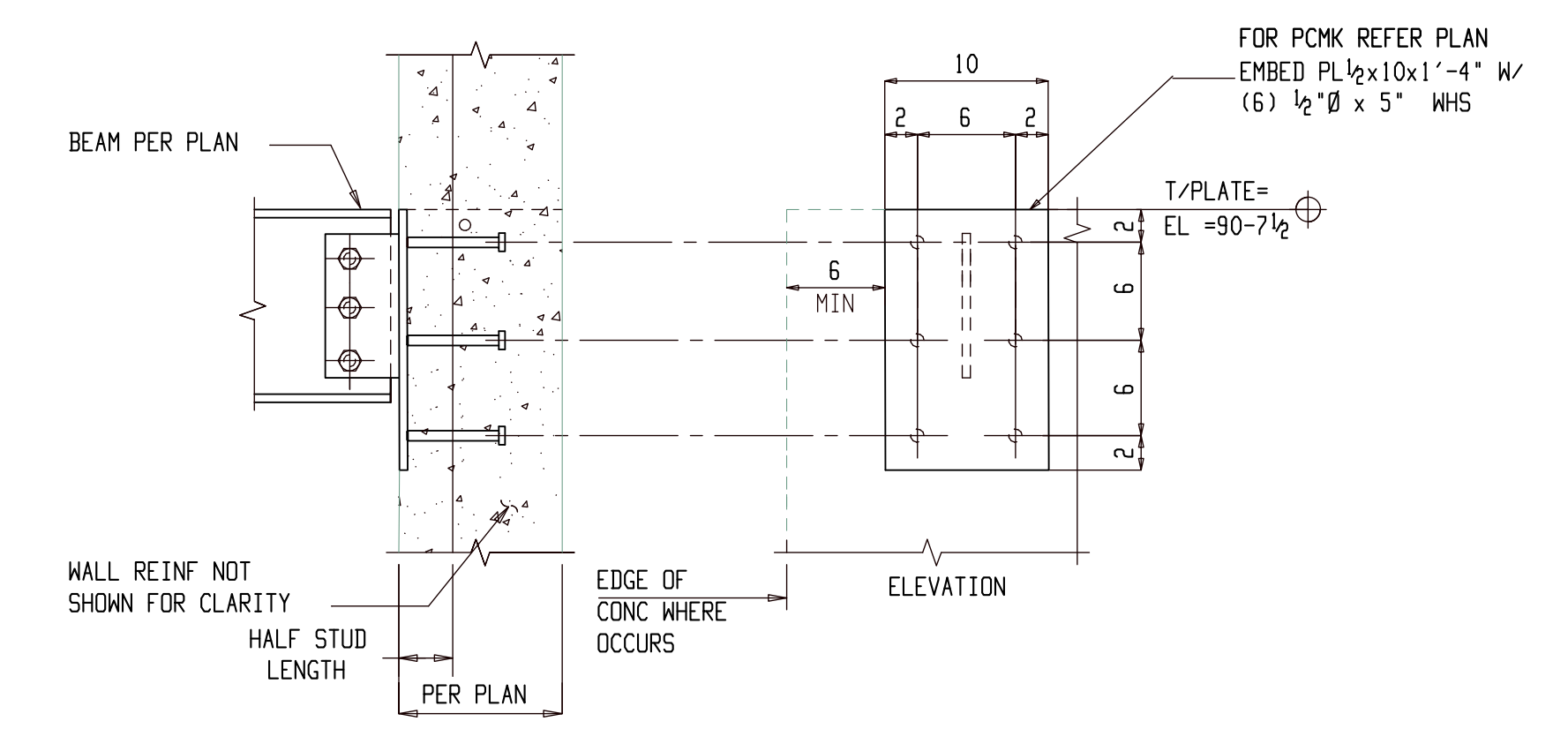
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

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0	For Field Use		06-27-22
A	For Approval		04-18-22
REV	DESCRIPTION		DATE

GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
SHA	JOB LOCATION		
03-26-21	GREAT FALLS, MONTANA		
		DESIGN	ABP2



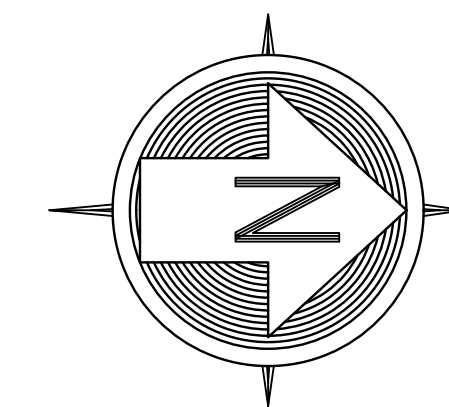
1 TYP EMBED PLATE BOLTED BEAM CONNECTION  
EM1 (REFER: 9/S6.2)



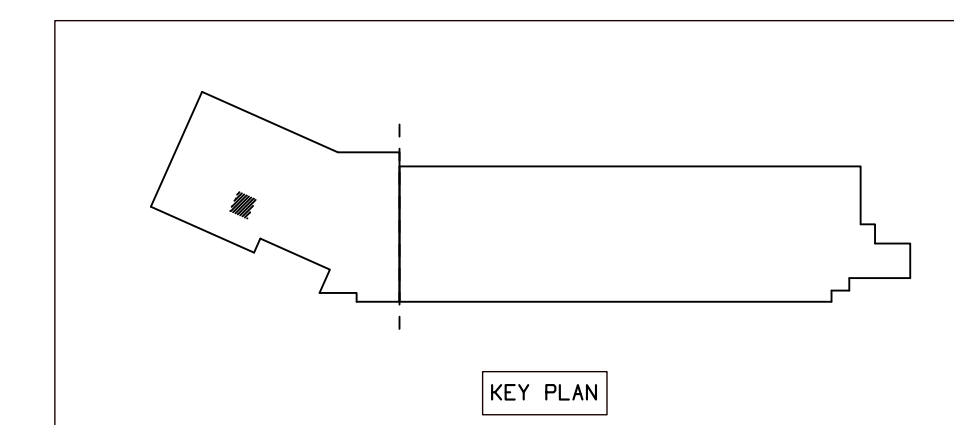
2 TYP EMBED PLATE BOLTED BEAM CONNECTION  
EM1 (REFER: 9/S6.2)

# CONNECTOR BUILDING FOUNDATION WALL EMBED PLAN

PLAN AT ELEVATION 87-0 (DATUM ELEVATION AT 0-0)  
BOTTOM OF BASE PLATE EL = (REFER PLAN)  
(REFER: S1.C0)



PLAN NORTH



**NOTES:-**

- 1) ALL ELEVATION ARE GIVEN FROM FINISH FLOOR EL. 87-0
- 2) T.O.E. PL. INDICATES TOP EMBED PLATE ELEVATION.

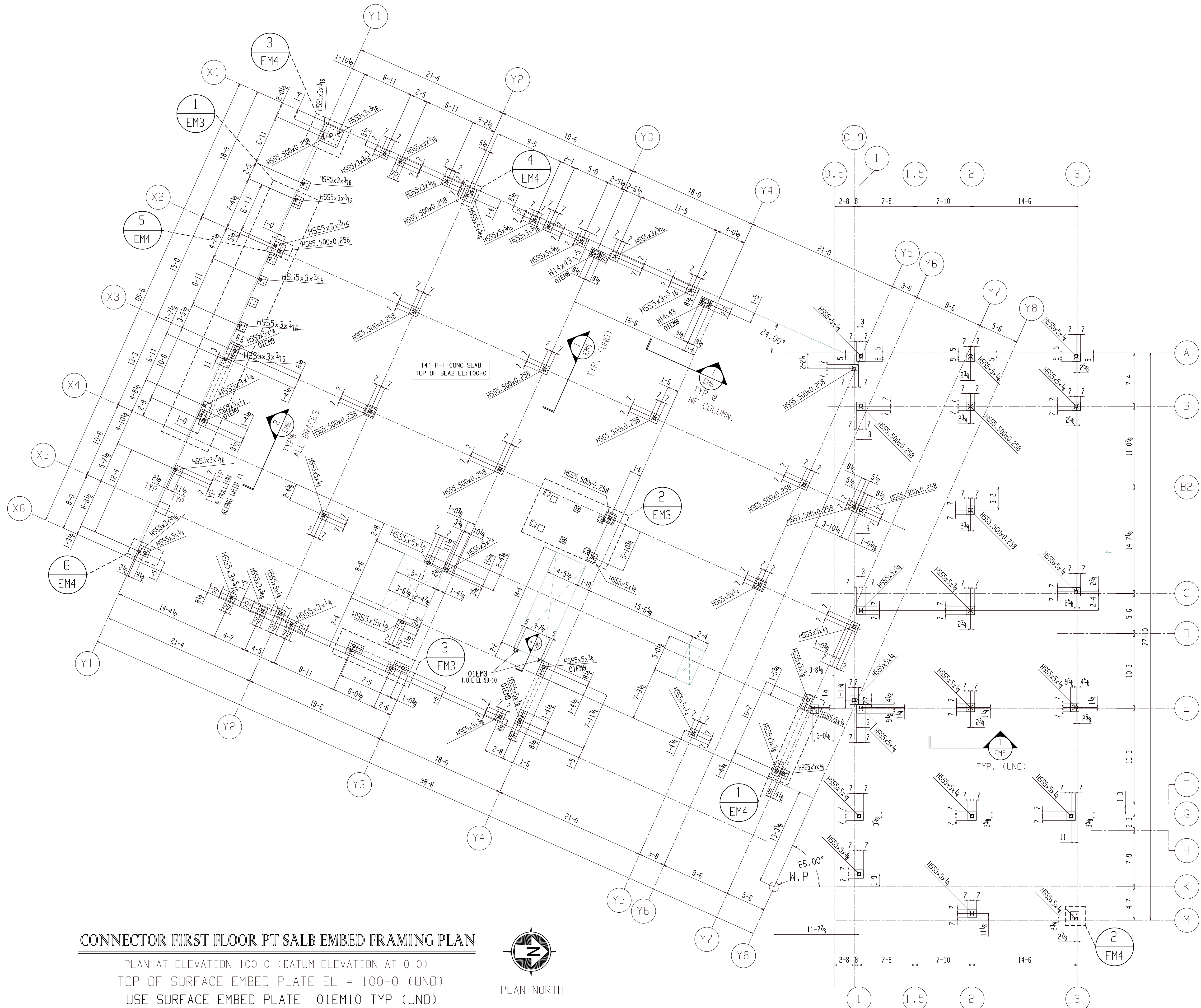
**FOR FIELD USE**

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REV	DESCRIPTION	DATE
0	For Field Use	06-27-22
A	For Approval	04-18-22

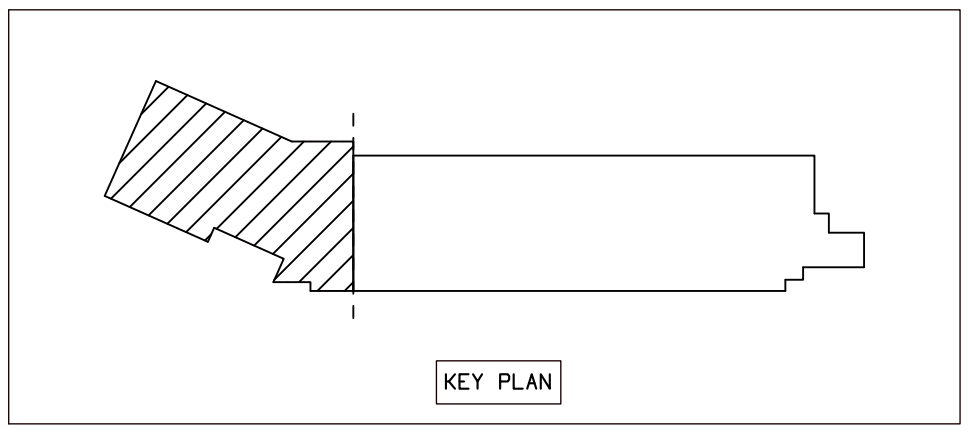
PROJECT NO. 2210		REV. 1
GENERAL ARRANGEMENT		
DATE: 03-26-21	JOB NAME: MILWAUKEE STATION APARTMENTS	DWG NO. EMI
CHECKER: SHA	JOB LOCATION: GREAT FALLS, MONTANA	
APPROVED: 03-26-21		



**CONNECTOR FIRST FLOOR PT SLAB EMBED FRAMING PLAN**  
 PLAN AT ELEVATION 100-0 (DATUM ELEVATION AT 0-0)  
 TOP OF SURFACE EMBED PLATE EL = 100-0 (UNO)  
 USE SURFACE EMBED PLATE 01EM10 TYP (UNO)  
 (REFER: S1.C1)



**NOTES:-**  
 1. ALL ELEVATIONS ARE GIVEN FROM FINISH FLOOR EL 100-0  
 2. T.O.E.P.L. INDICATES TOP OF EMBED PLATE ELEVATION.



**FOR FIELD USE**

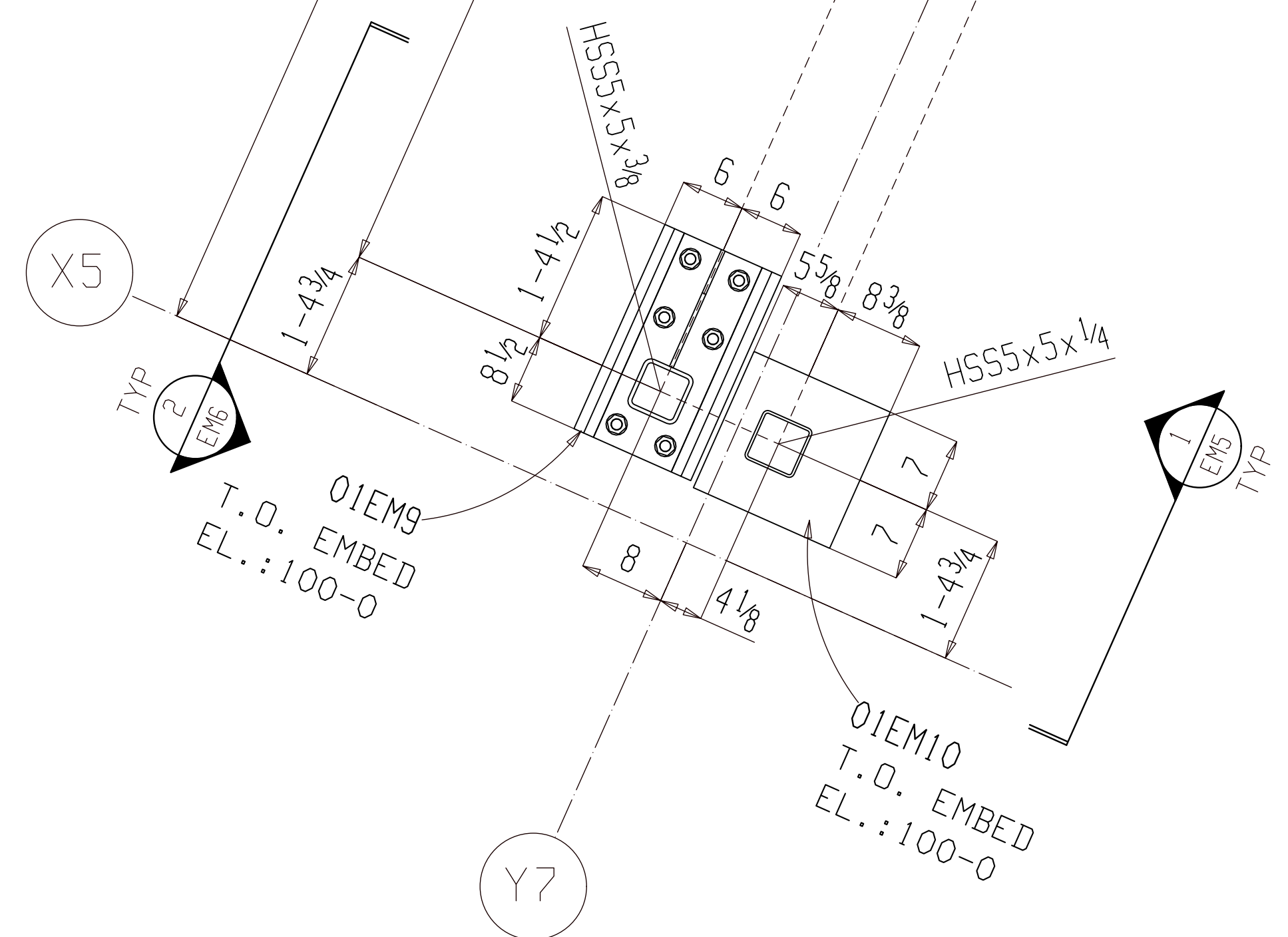
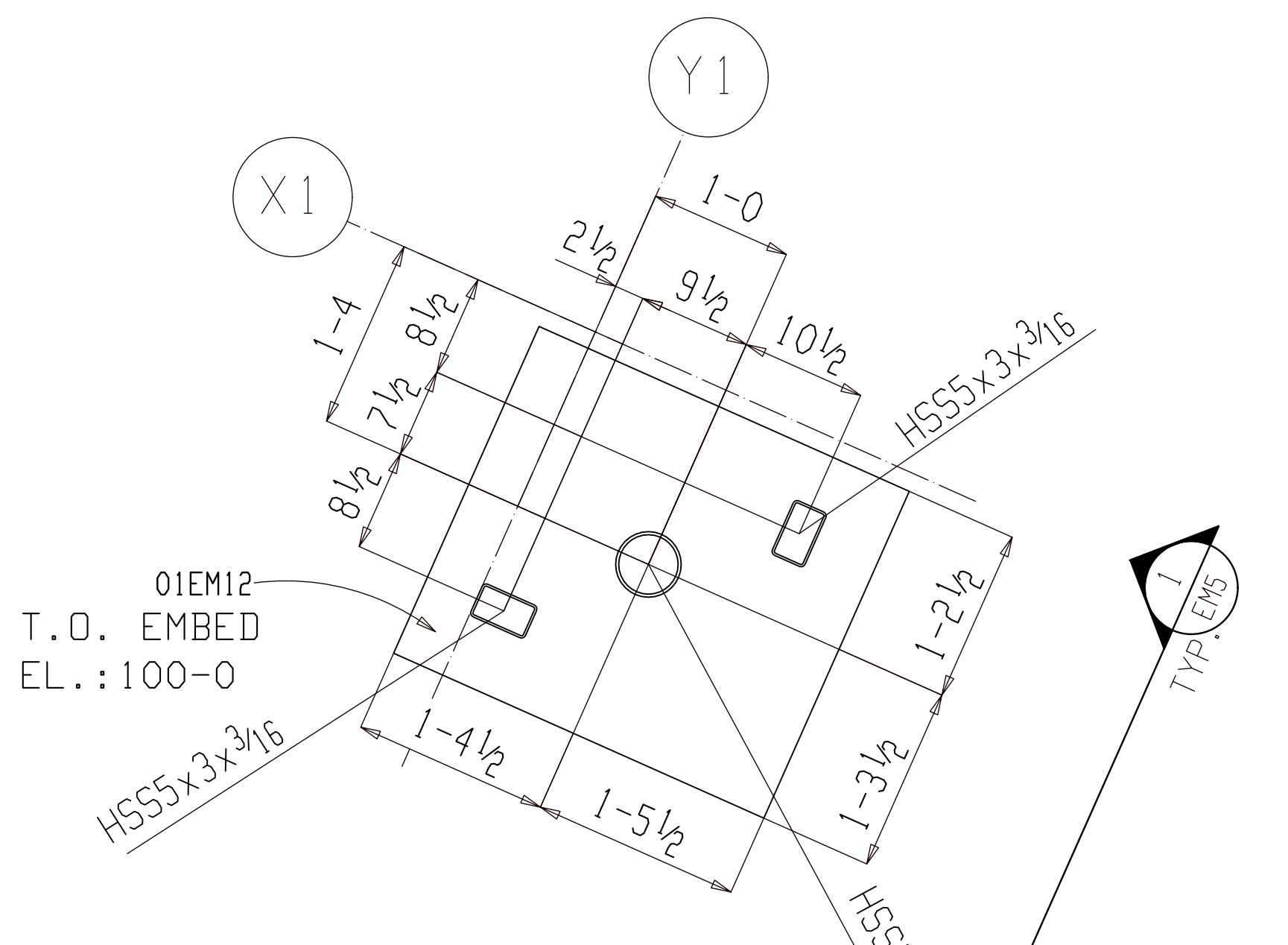
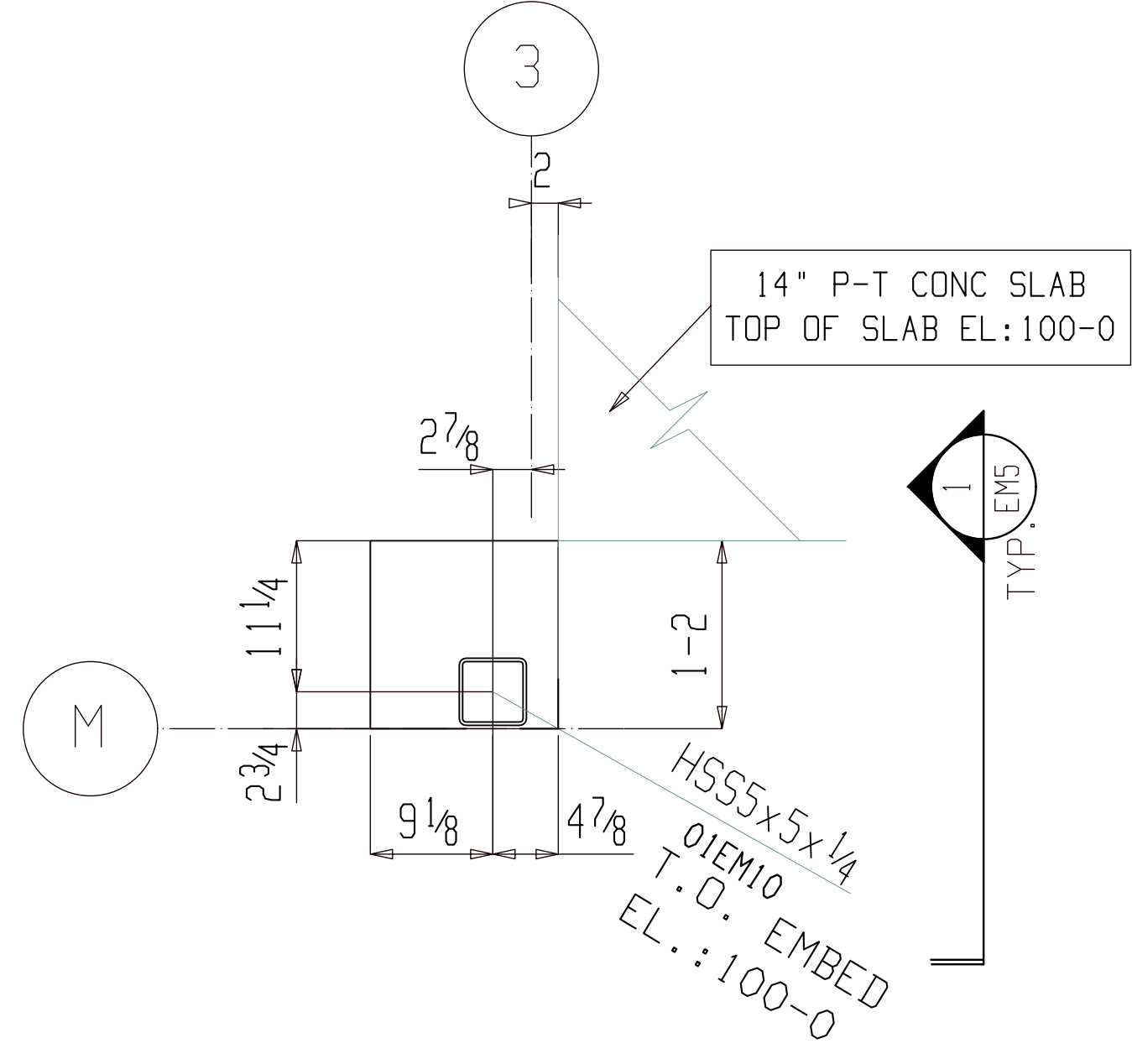
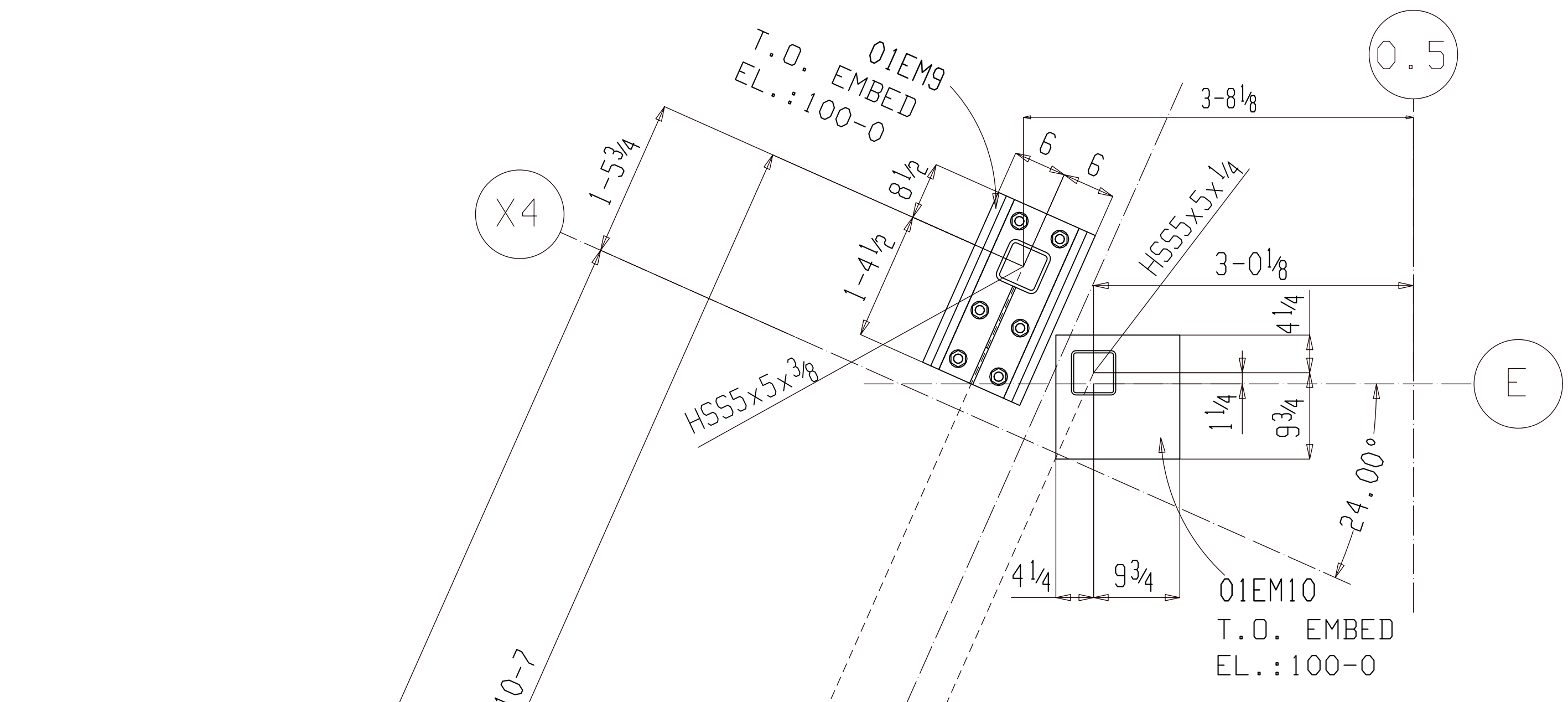
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B_100	TEMPORARY MARK BEFORE DETAILING	
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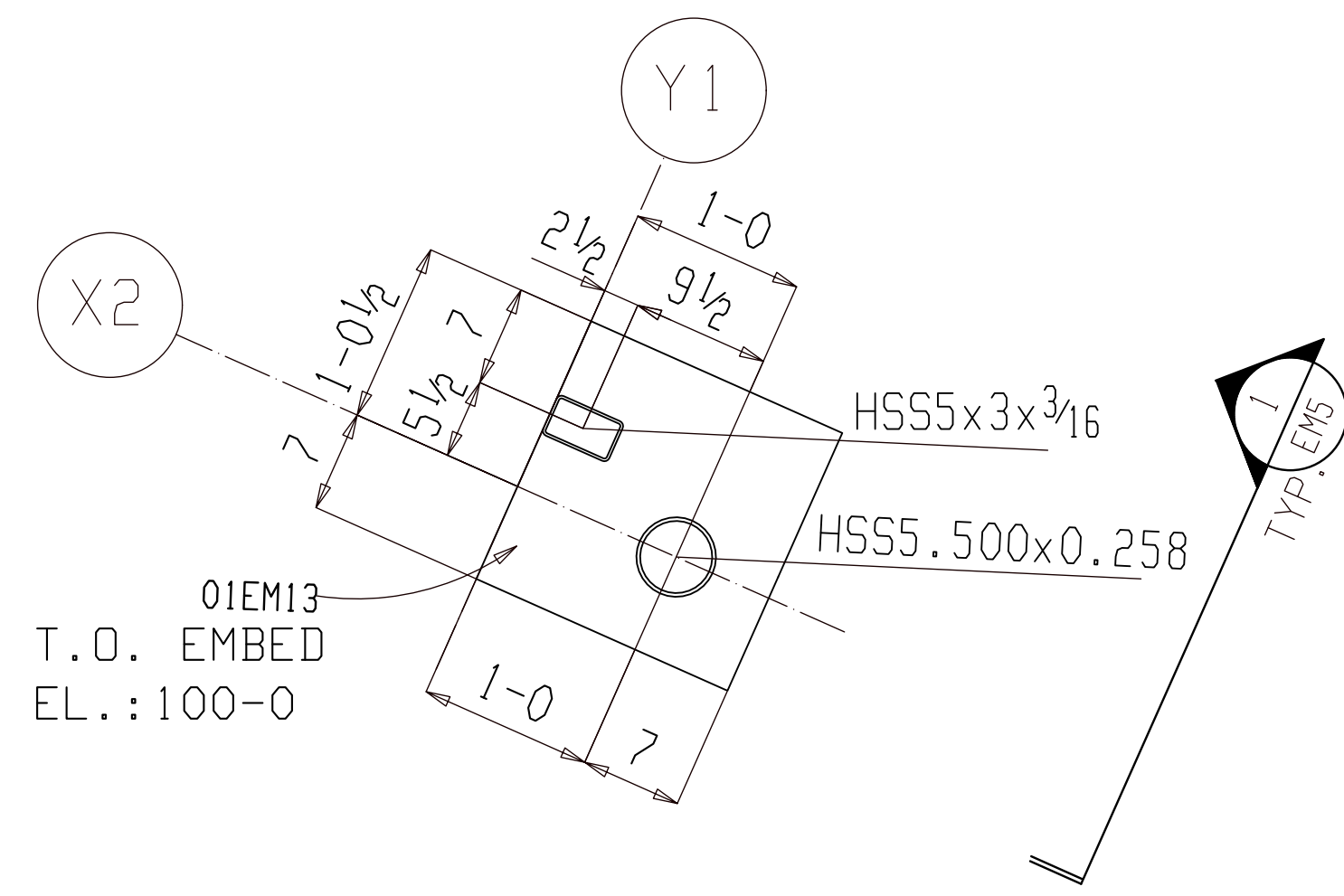
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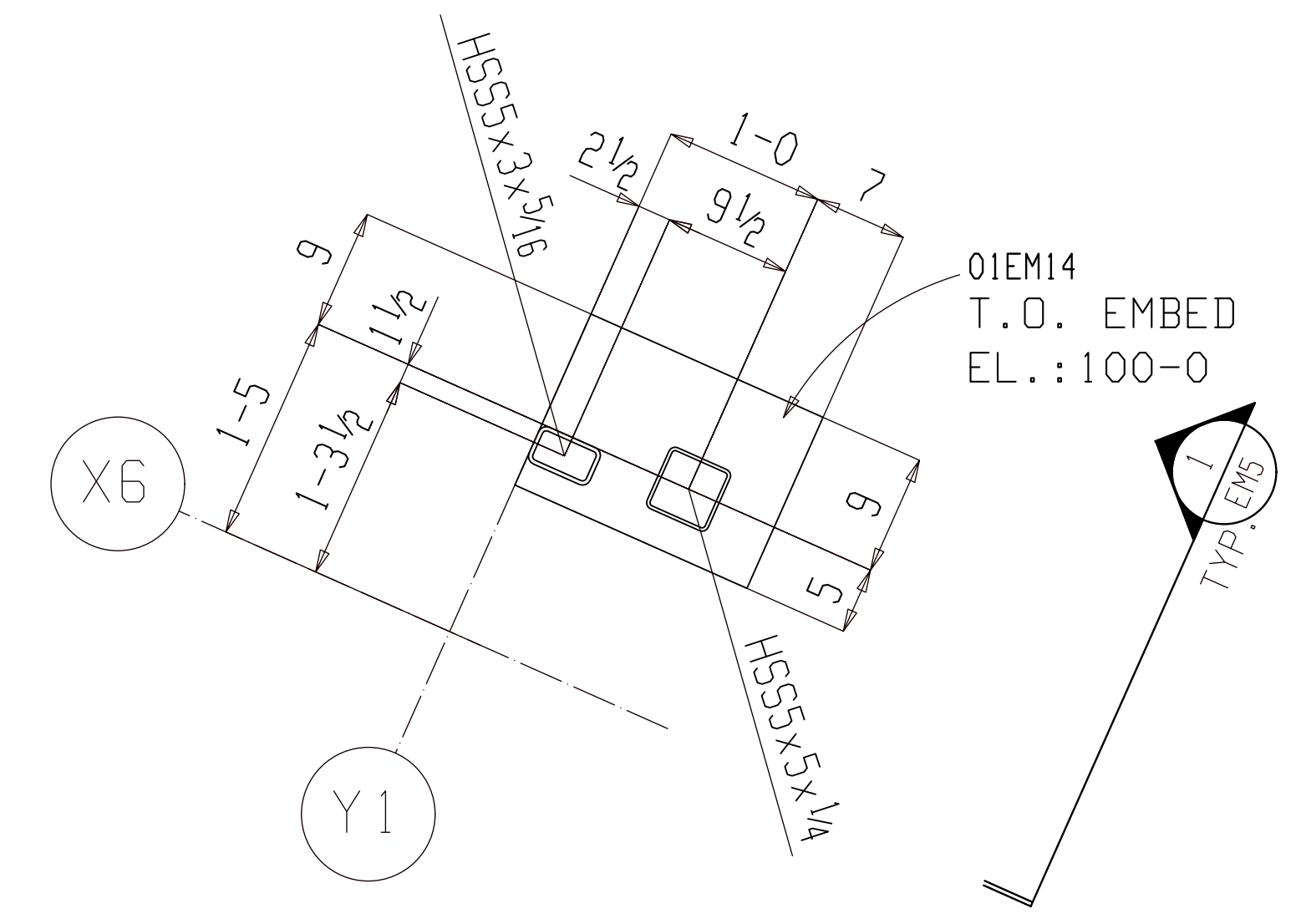


2 BLOW-UP DETAIL  
EM4

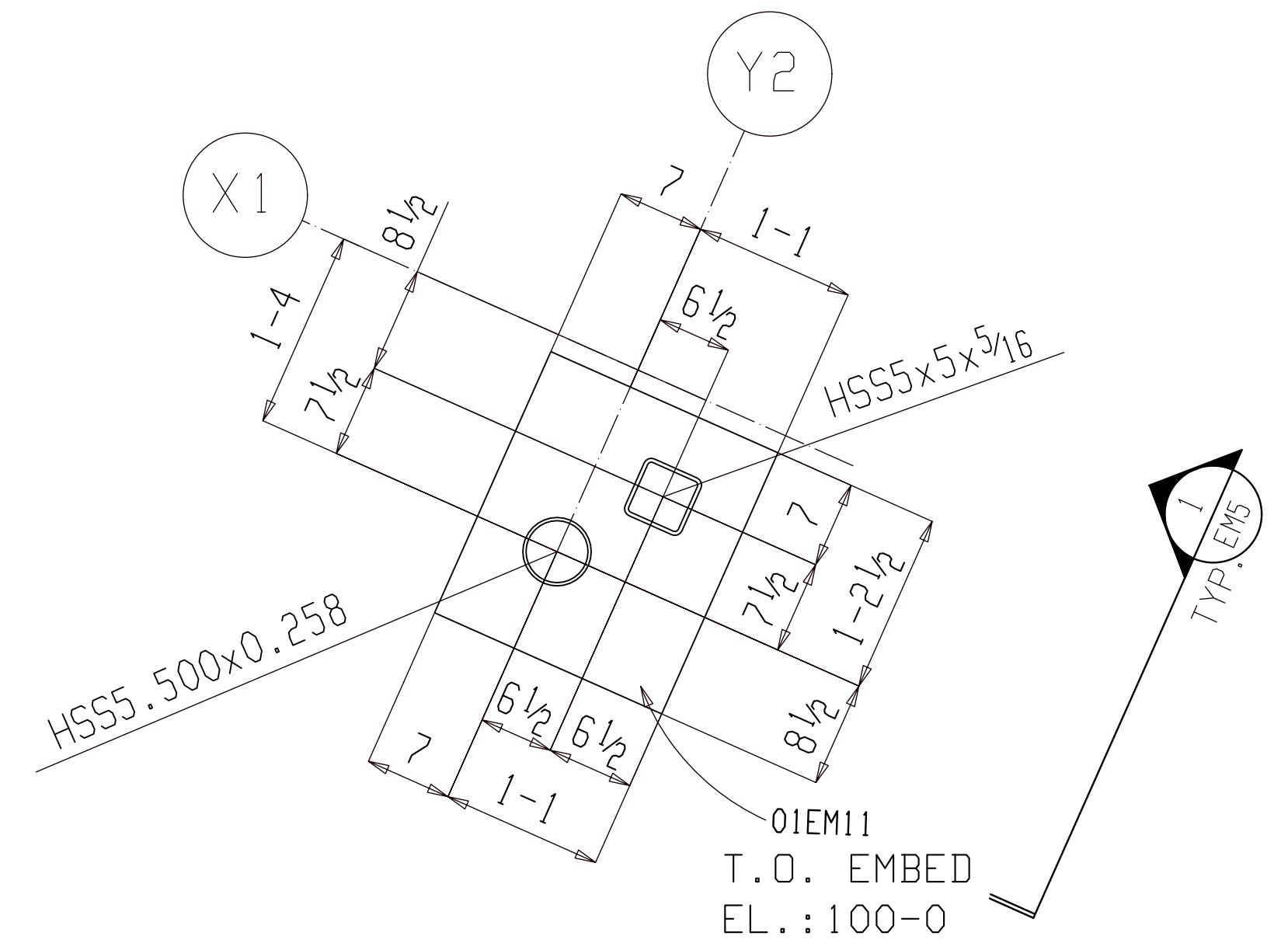
3 BLOW-UP DETAIL  
EM4



5 BLOW-UP DETAIL  
EM4



6 BLOW-UP DETAIL  
EM4



4 BLOW-UP DETAIL  
EM4

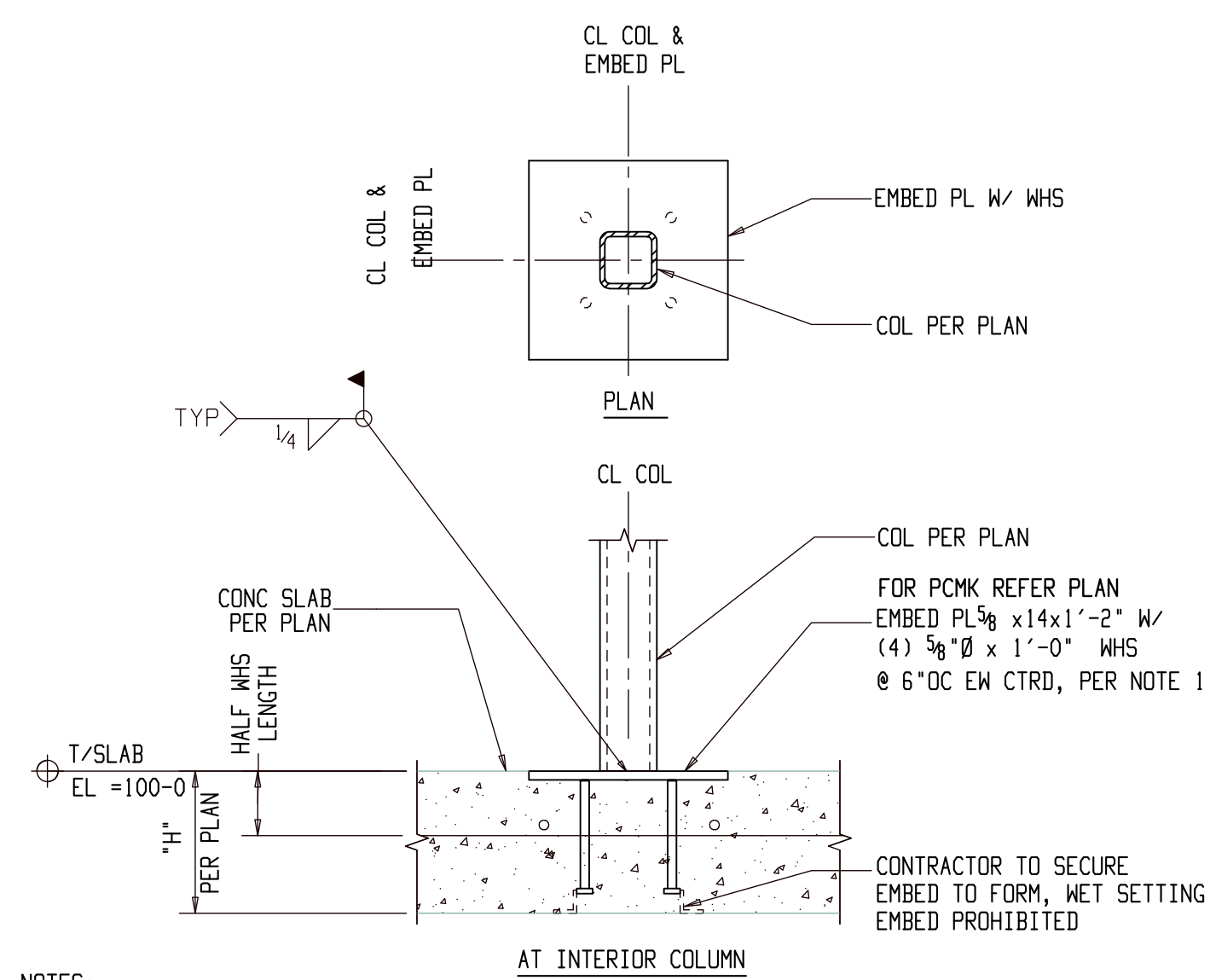
**NOTES:-**  
 1.) ALL ELEVATION ARE GIVEN FROM FINISH FLOOR EL 100'-0  
 2.) T.O.E.PL. INDICATES TOP OF EMBED PLATE ELEVATION.

**FOR FIELD USE**

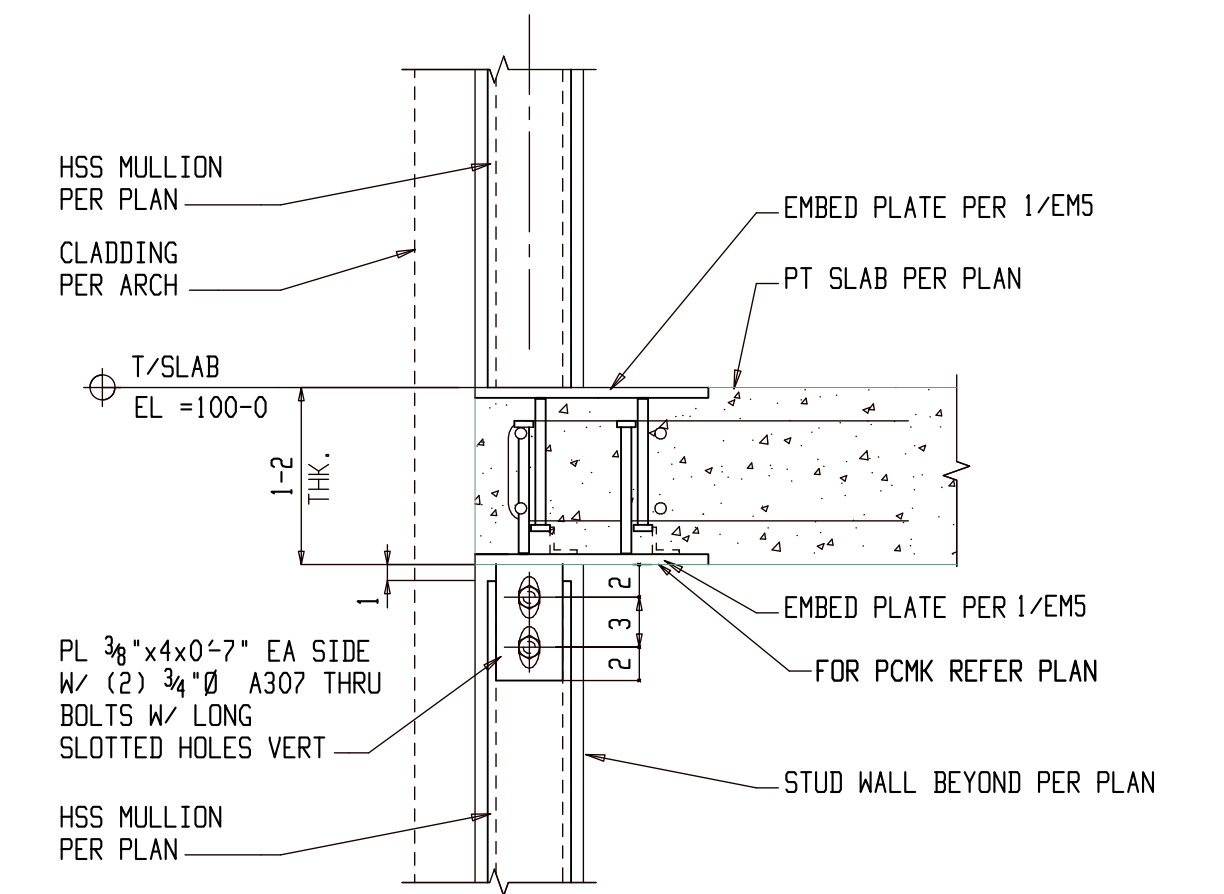
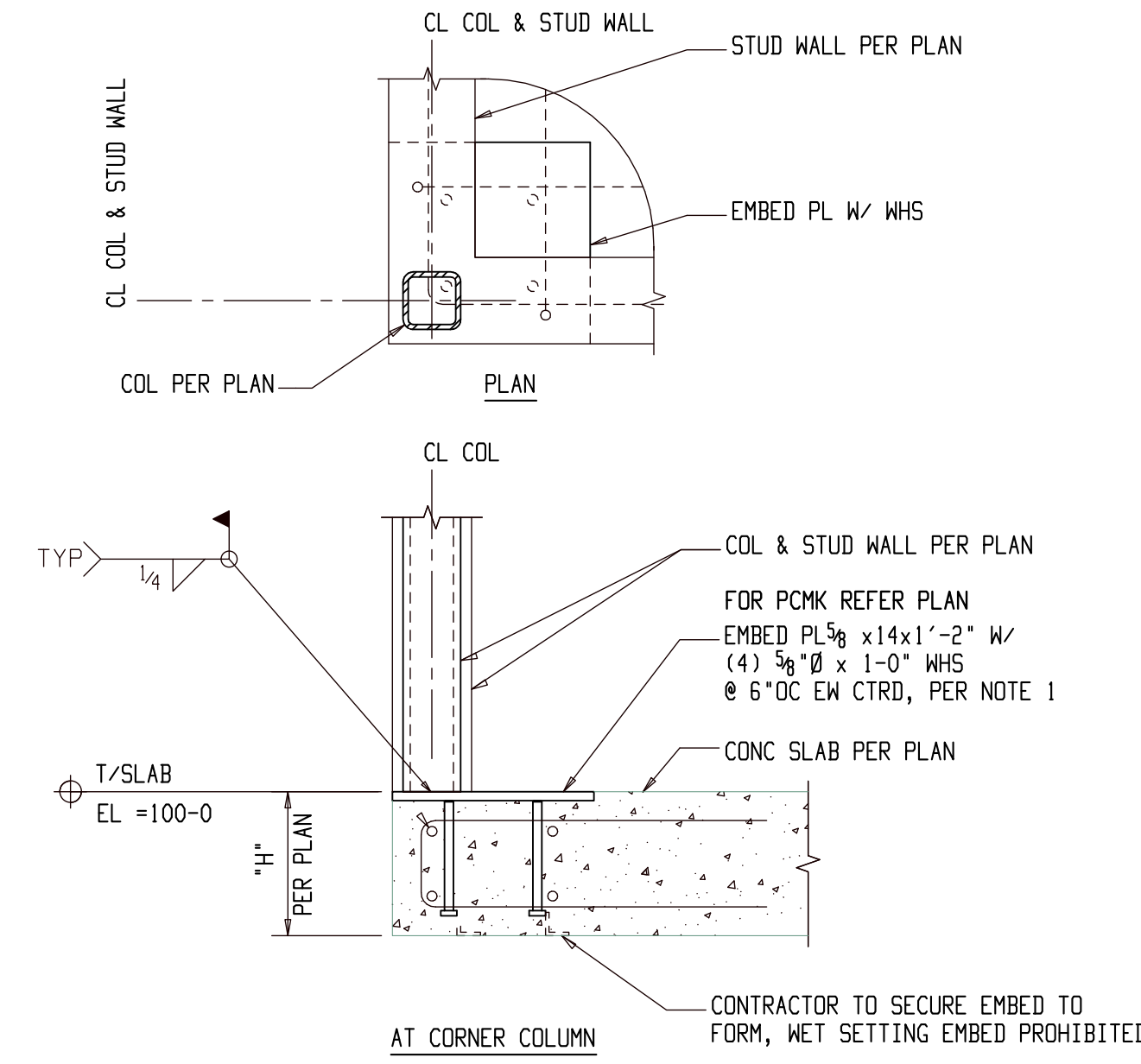
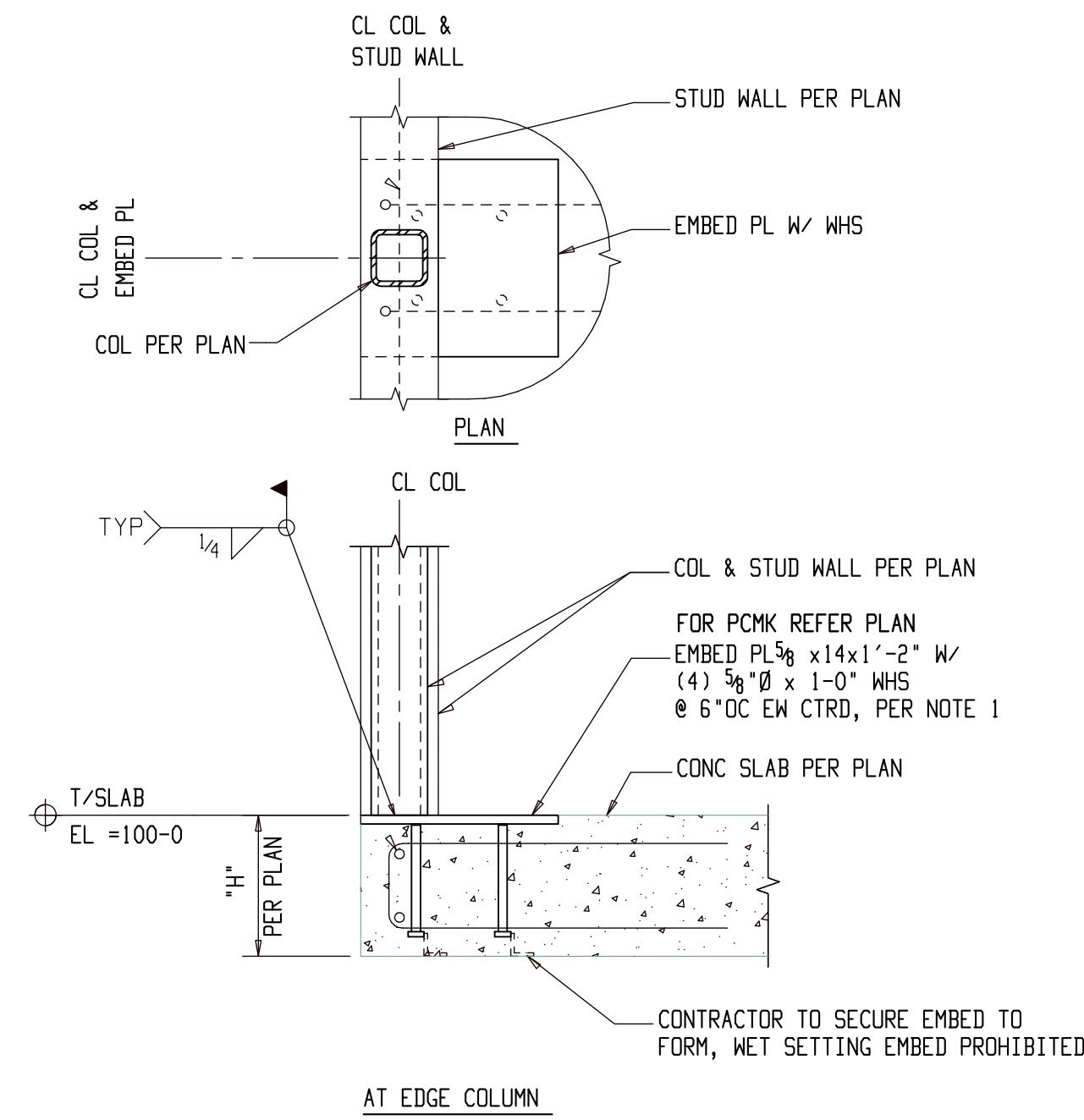
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03-26-21	MILWAUKEE STATION APARTMENTS		
CHECKER	JOB LOCATION	DATE	
SHA	GREAT FALLS, MONTANA	04-18-22	
APPROVED			EM4



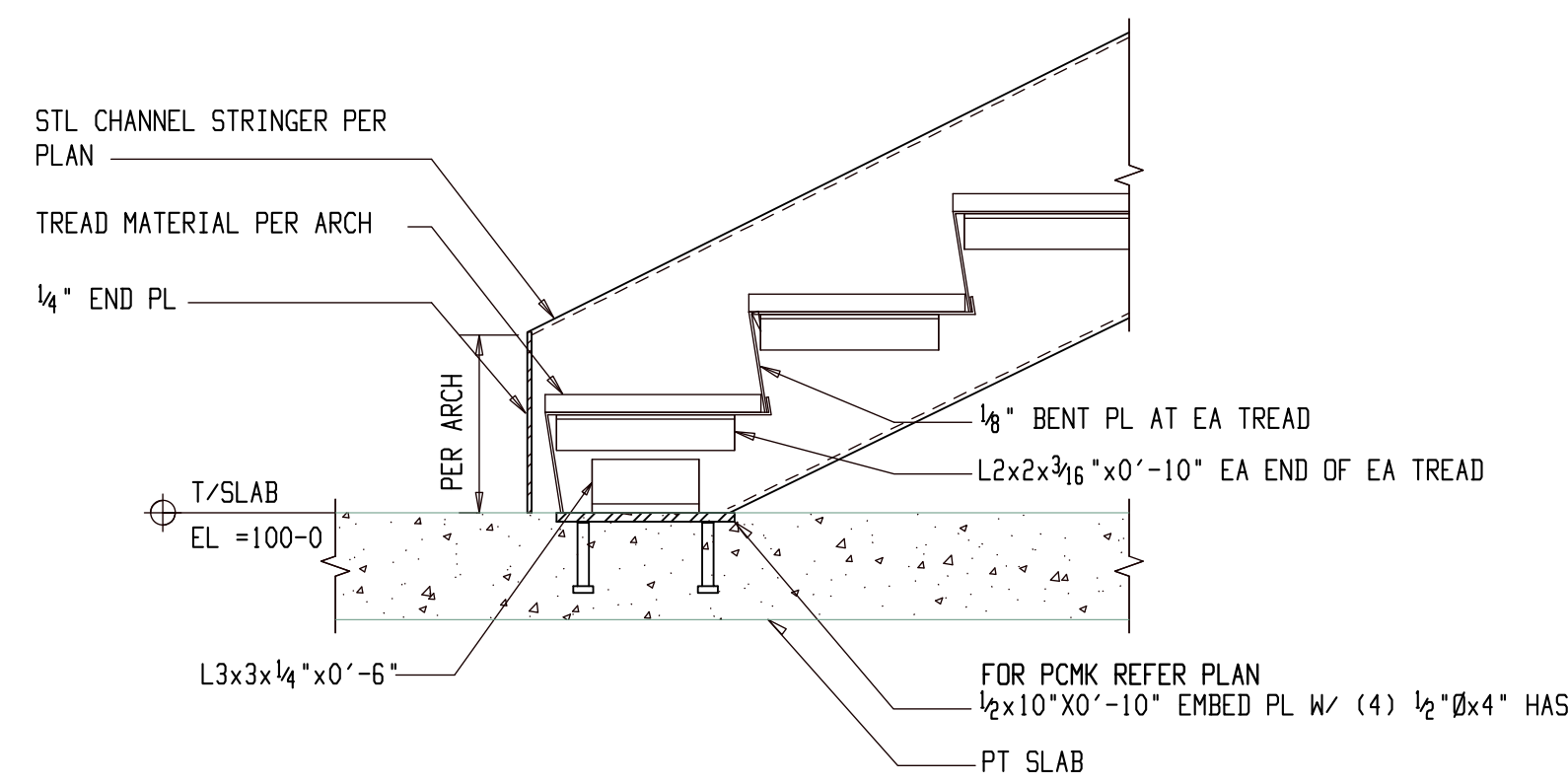
NOTES:  
 1. WELDED HEADED STUDS LONGER THAN 8\"/>



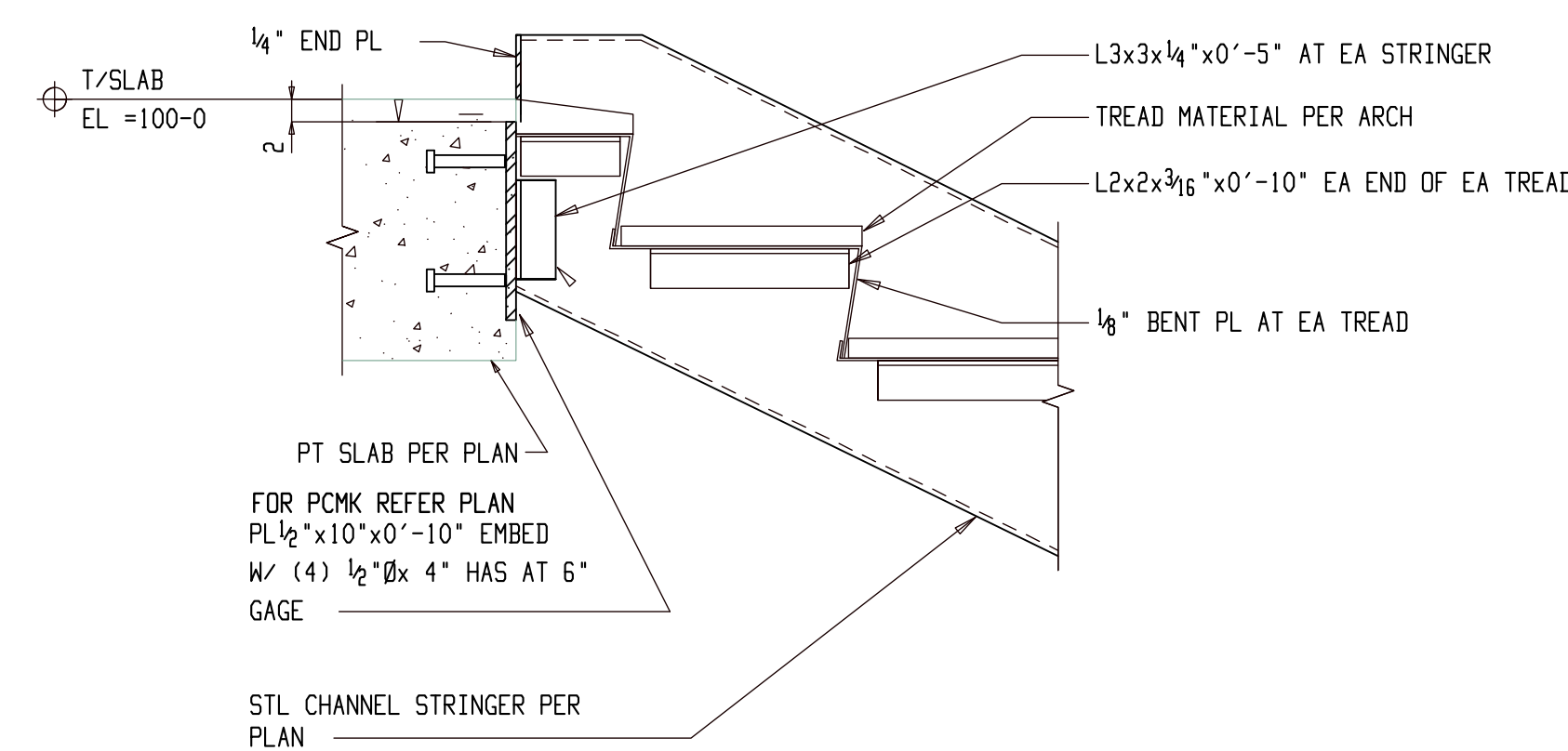
NOTE:  
 ORIENT HEADED ANCHORS STUDS SO THAT MIN 1 1/2\"/>

1 TYPICAL BASEPLATE TO POST-TENSIONED SLAB CONNECTION- HSS COLUMN/MULLIONS  
 (REFER: 11/S6.3)

2 MULLION AT P-T SLAB SECTION  
 (REFER: 10/S6.3)



3 STEEL STAIR BASE TO SLAB CONNECTION  
 (REFER: 17/S6.2)  
 (SAME SECTION AT STAIR POST)



4 STEEL STAIR TO PT SLAB CONNECTION  
 (REFER: 18/S6.2)

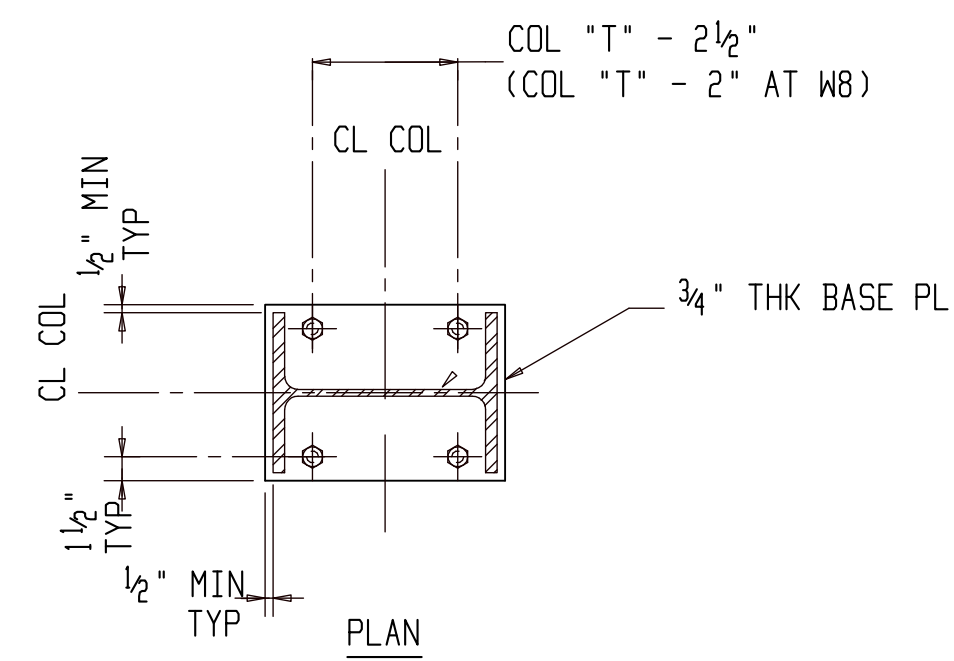
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A	For Approval	04-18-22
REV	DESCRIPTION	DATE

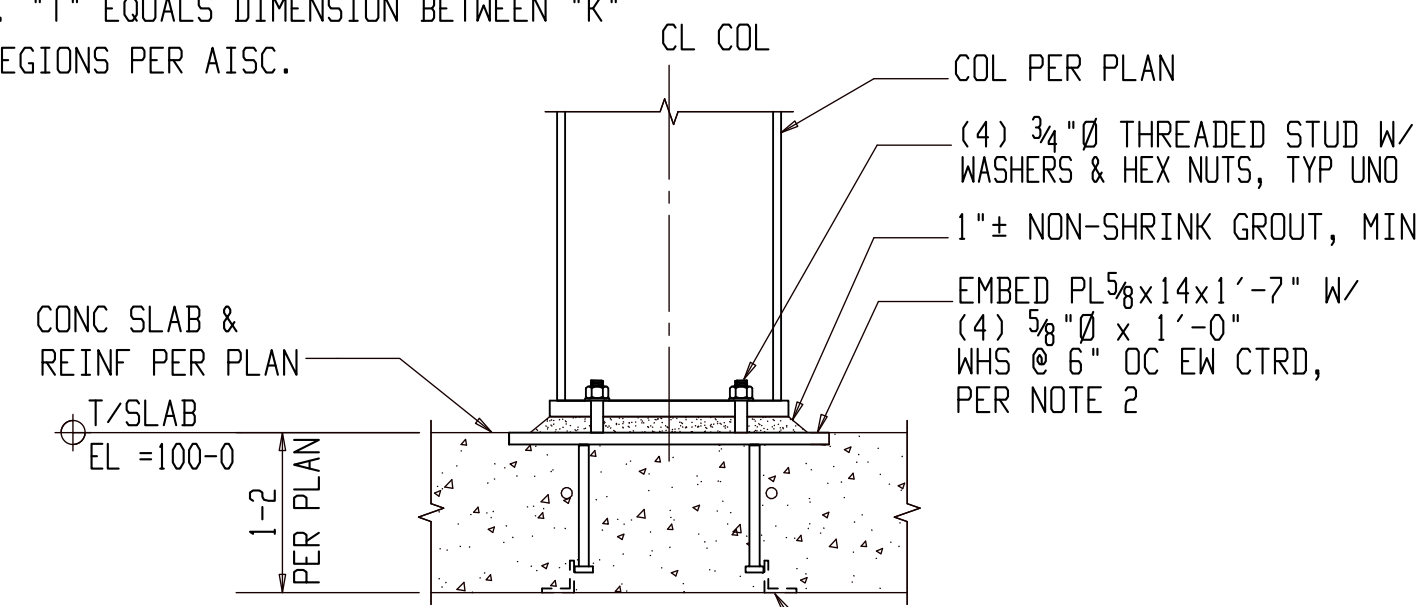
GENERAL ARRANGEMENT

DETAILS	DATE	DATE	JOB NAME	PROJECT NO.	REV
AJU	03-26-21	SHA	MILWAUKEE STATION APARTMENTS	2210	
SHA	03-26-21	SHA	GREAT FALLS, MONTANA	2210	EM5
APPROVED					



NOTES :

- DO NOT WELD IN "K" REGION OF COLUMN.
- "T" EQUALS DIMENSION BETWEEN "K" REGIONS PER AISC.

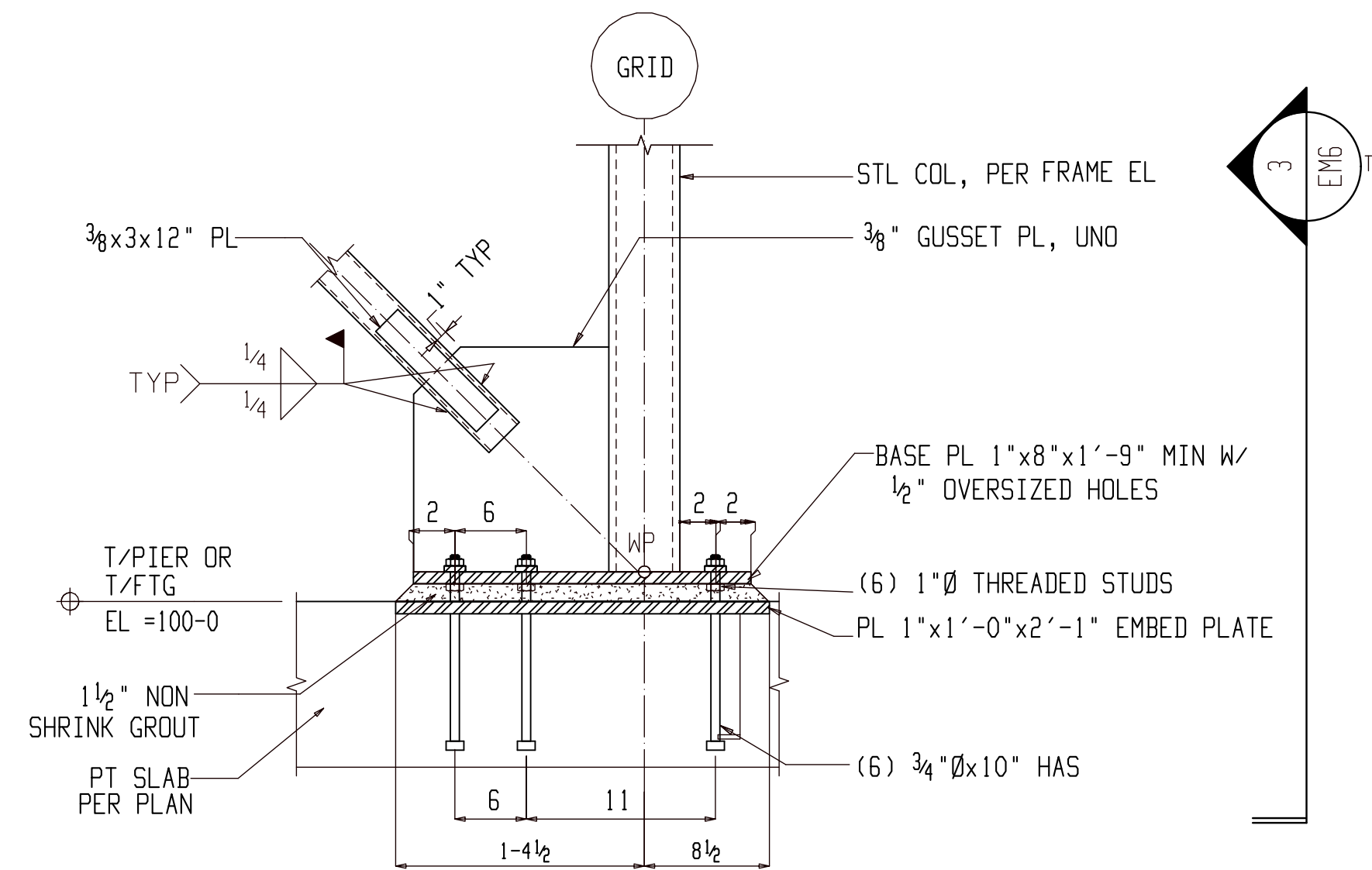


NOTES:

- CONTRACTOR'S OPTION: MAY WELD COLUMN AND BASEPLATE DIRECTLY TO EMBEDDED PLATE WITHOUT THREADED STUDS AND GROUT.
- WELDED HEADED STUDS LONGER THAN 8" SHALL BE PIGGYBACKED PER MANUFACTURERS RECOMMENDATIONS.

TYPICAL AT ELEVATED SLAB

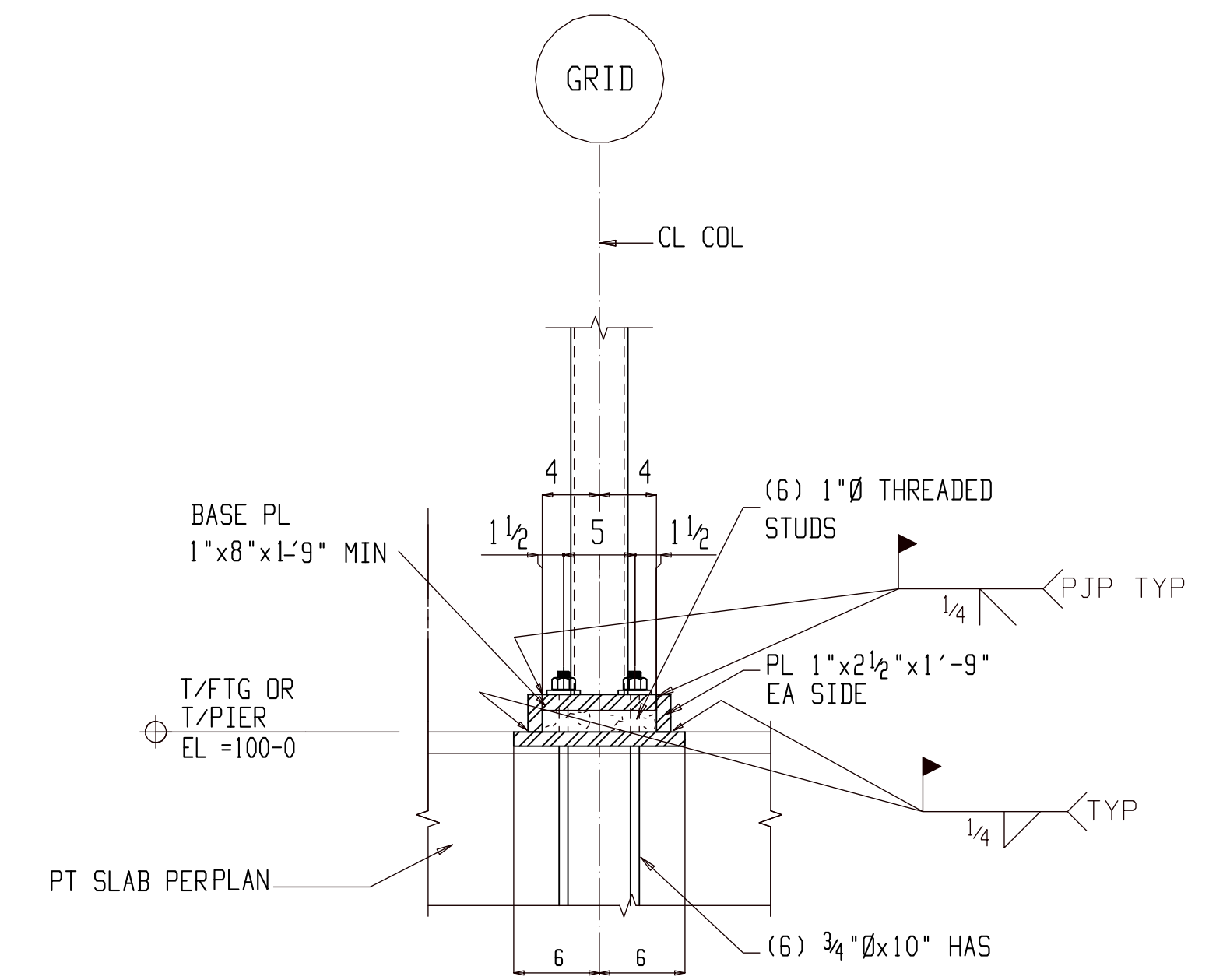
1 TYPICAL BASEPLATE - WIDE FLANGE COLUMN  
(REFER: 16/S6.4)



ORDINARY CONCENTRIC BRACED  
FRAME BASE CONNECTION

2  
EM6

(REFER: 1/S6.4)



ORDINARY CONCENTRIC BRACED  
FRAME BASE CONNECTION

3  
EM6

(REFER: 1/S6.4)

FOR FIELD USE

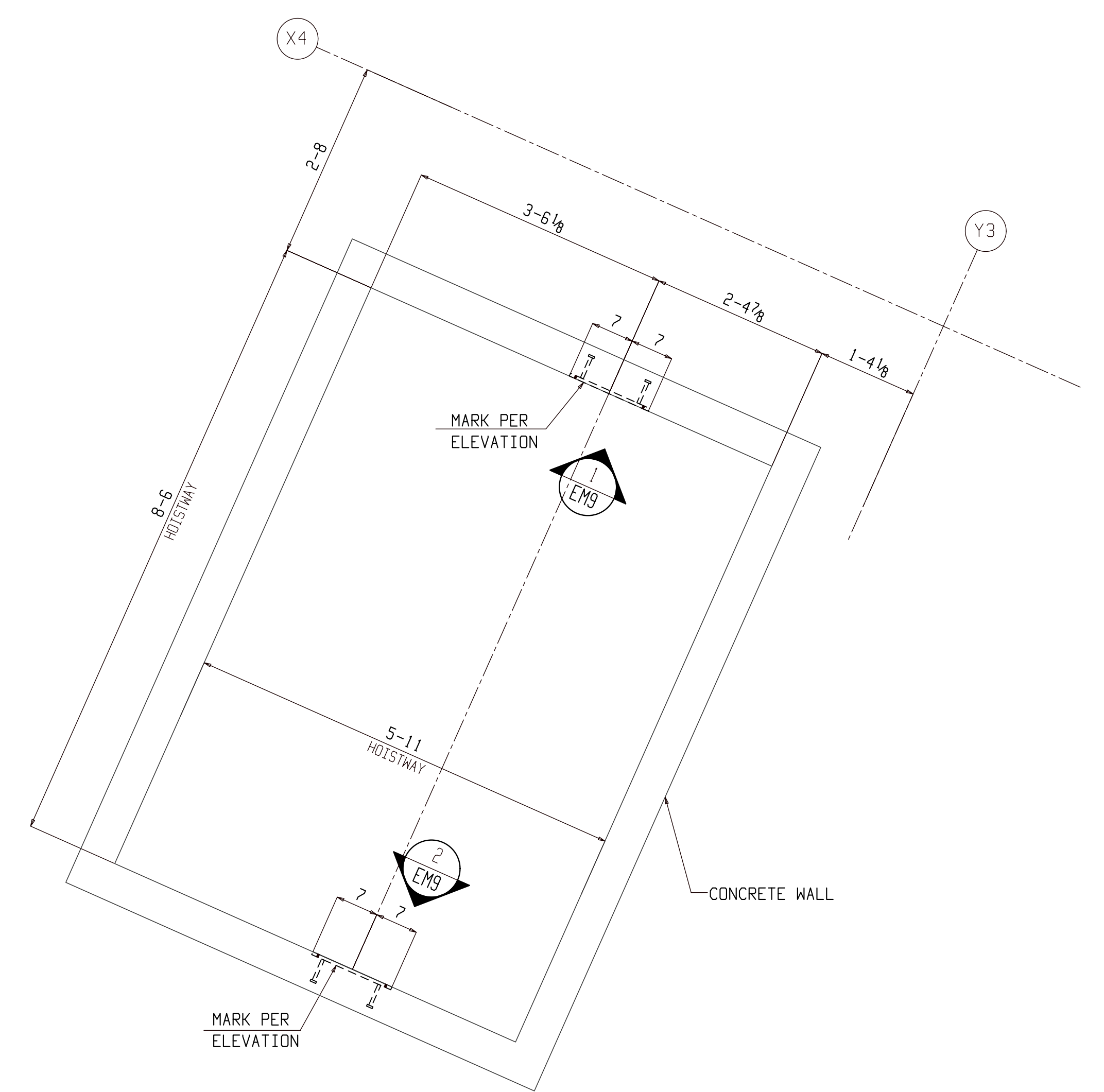
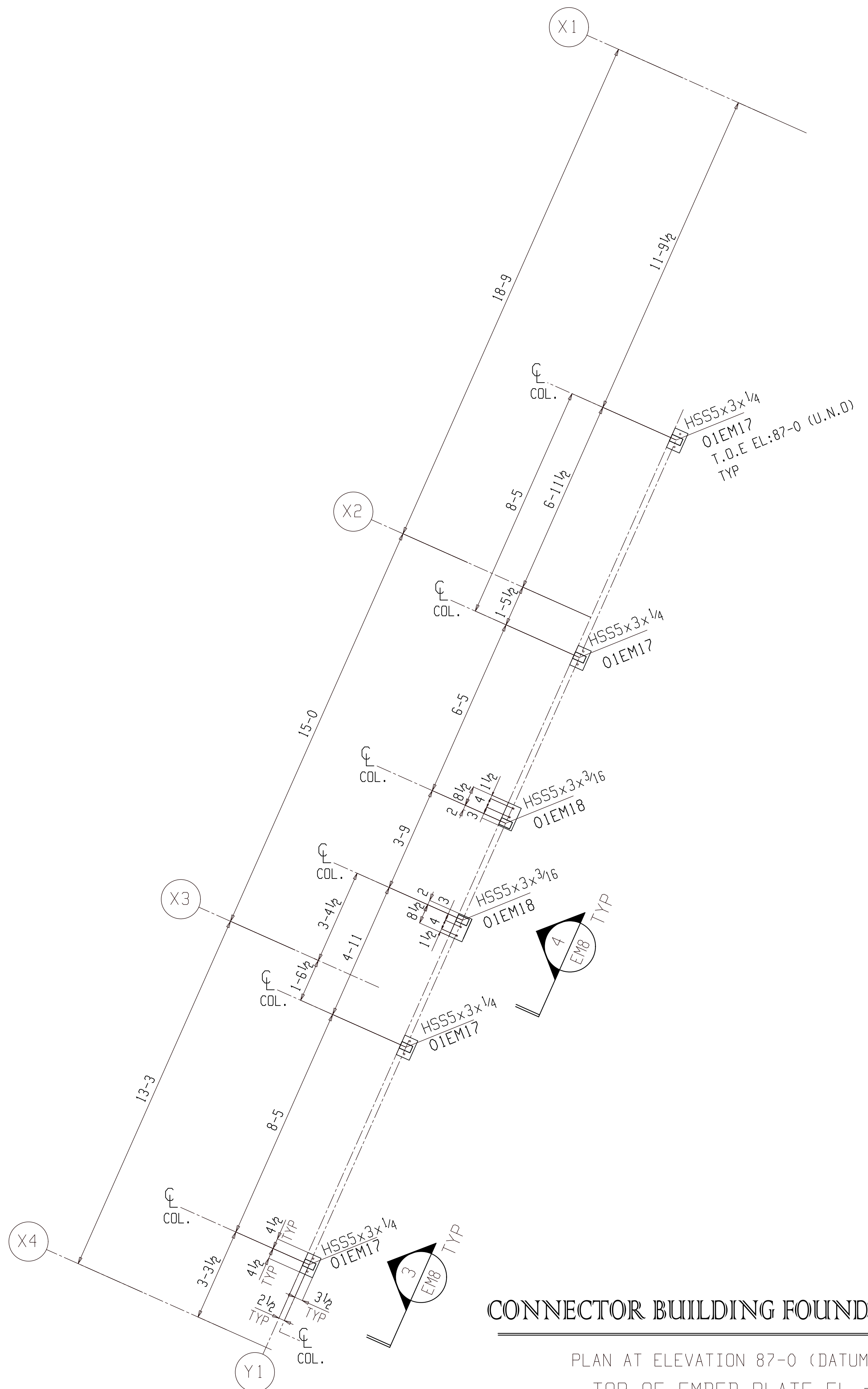
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
0	For Field Use	06-27-22
A	For Approval	04-18-22
REV	DESCRIPTION	DATE

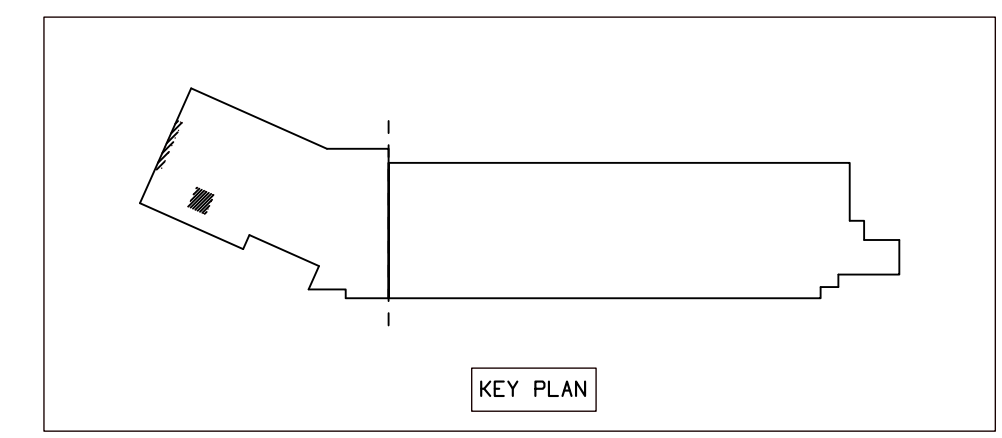


GENERAL ARRANGEMENT				PROJECT NO.	REV
DETAILER	AIU	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	03-26-21	JOB LOCATION	GREAT FALLS, MONTANA		
DRAWN	SHA				
APPROVED	03-26-21				EM6





(REFER VIEW FOR ELEVATIONS AND CONN. DETAILS)



**NOTES:-**  
 1. ALL ELEVATION ARE GIVEN FROM FINISH FLOOR EL 87'-0"  
 2. T.O.E.PL. INDICATES TOP OF EMBED PLATE ELEVATION.

WORK THIS SHEET WITH ABP1, ABP2, EM1, EM8 AND EM9

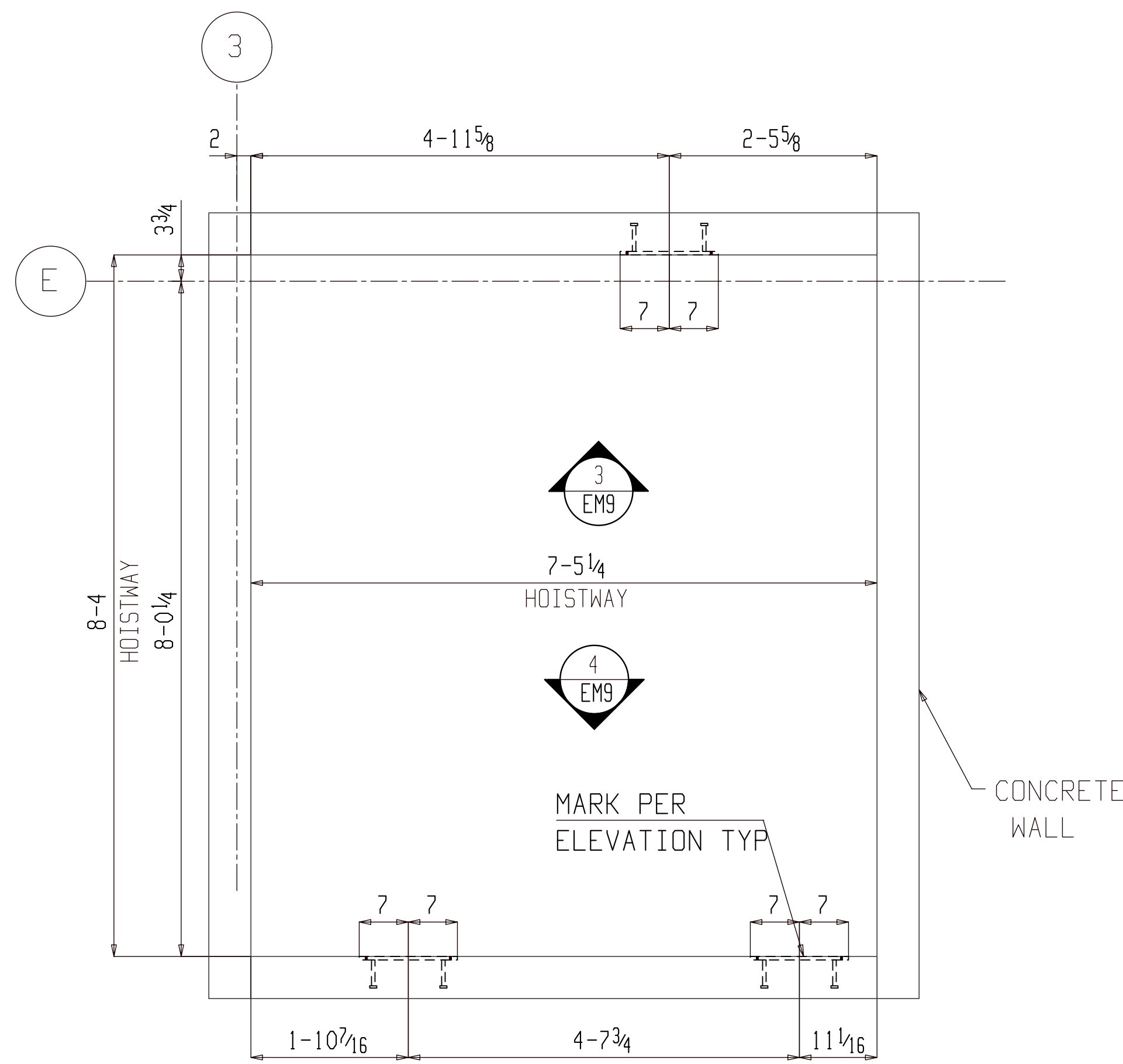


**FOR FIELD USE**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

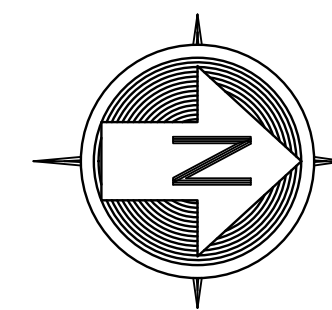
MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET MEMBER TYPE SEQUENCE	
0	For Field Use	06-27-22
A	For Approval	04-18-22
REV	DESCRIPTION	DATE

DETAILS	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
ANU	03-26-21	SHA	03-26-21	SHA	03-26-21	SHA	03-26-21	SHA	03-26-21
PROJECT NO.	2210	REV	EM7	GENERAL ARRANGEMENT					
JOB NAME	MILWAUKEE STATION APARTMENTS								
JOB LOCATION	GREAT FALLS, MONTANA								

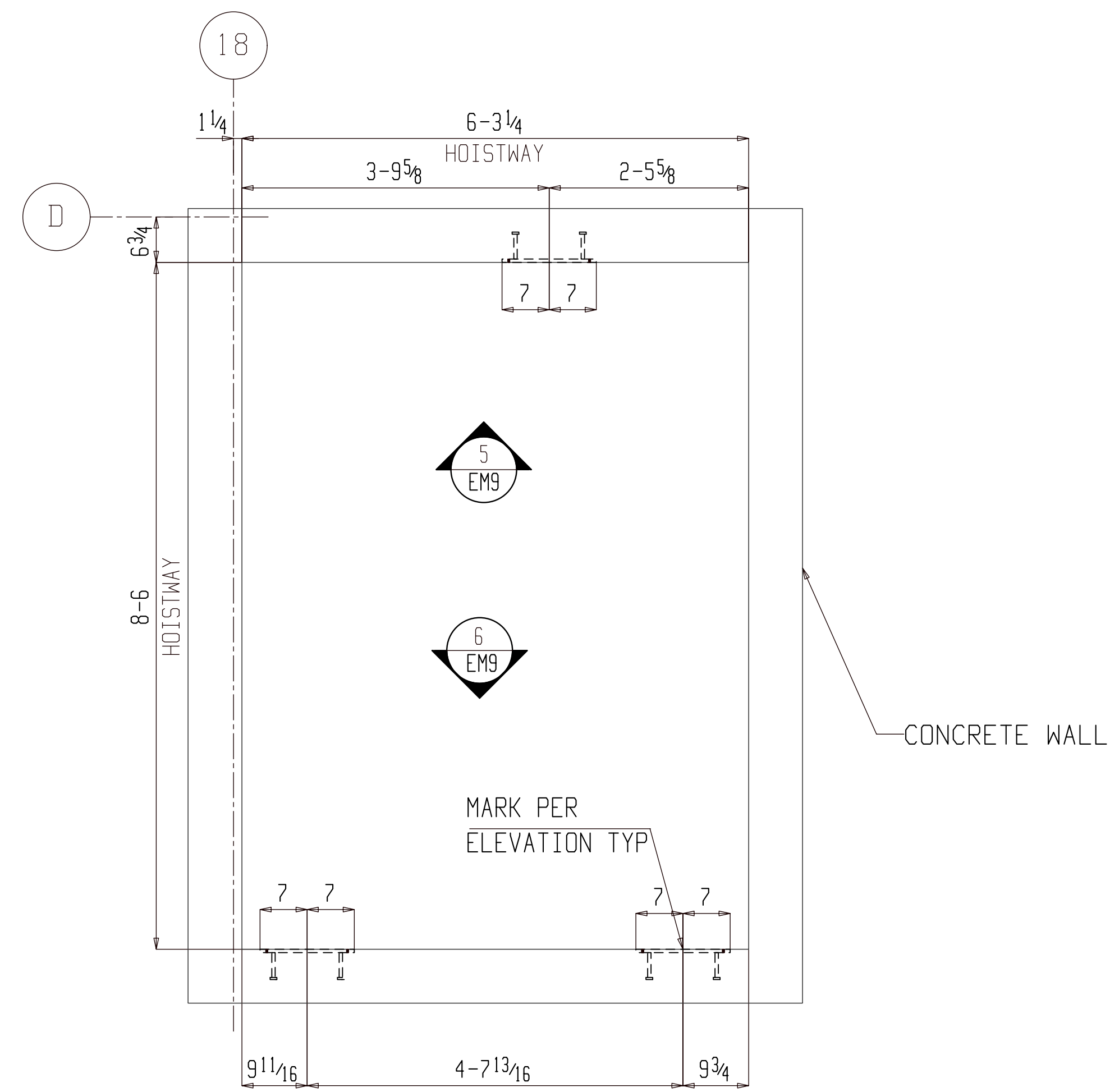


TYPICAL S ELEVATOR EMBED PLAN

(REFER: S1.1A, S2.1A)

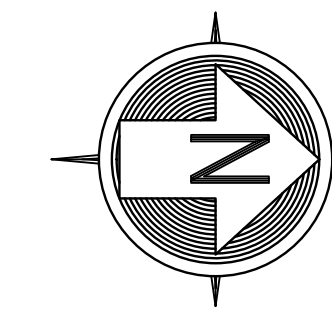


PLAN NORTH

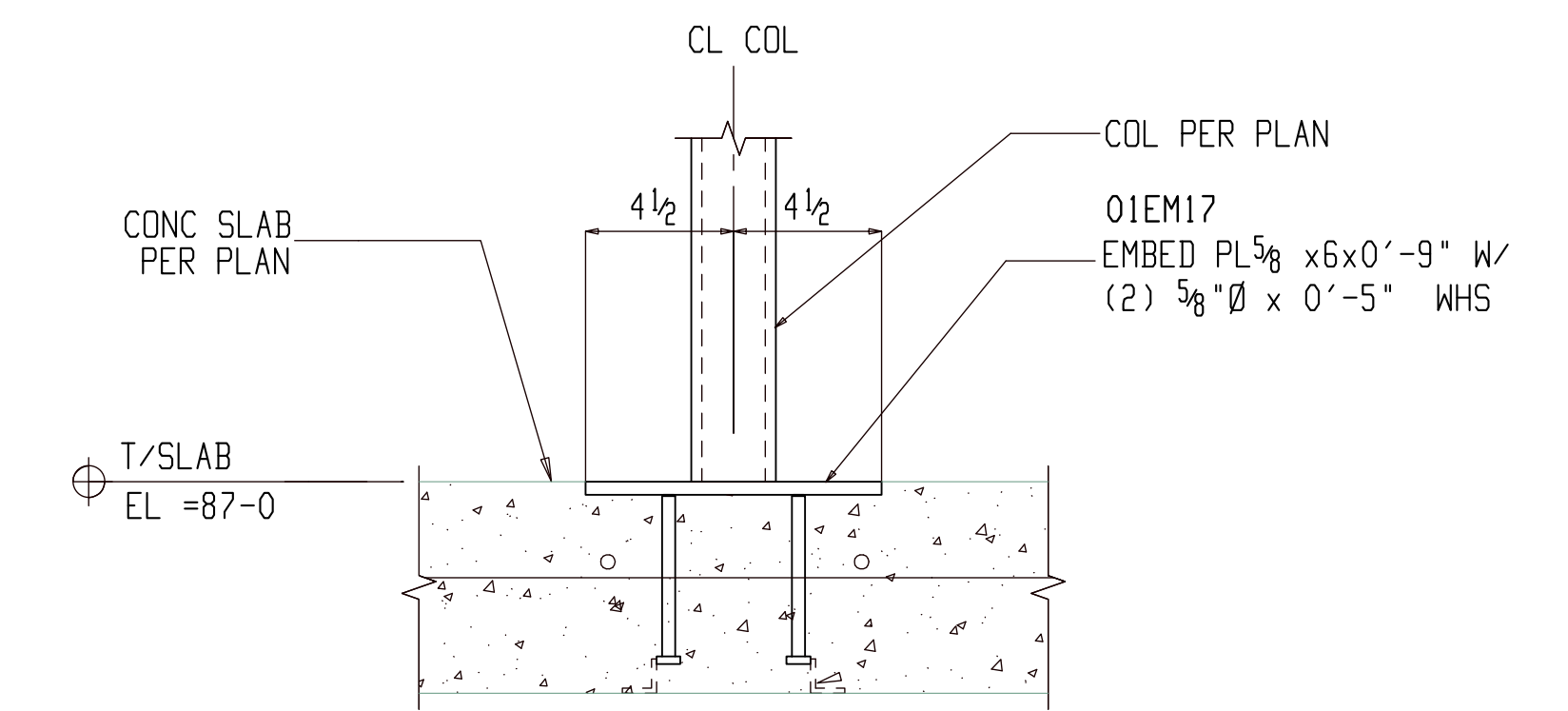


TYPICAL N ELEVATOR EMBED PLAN

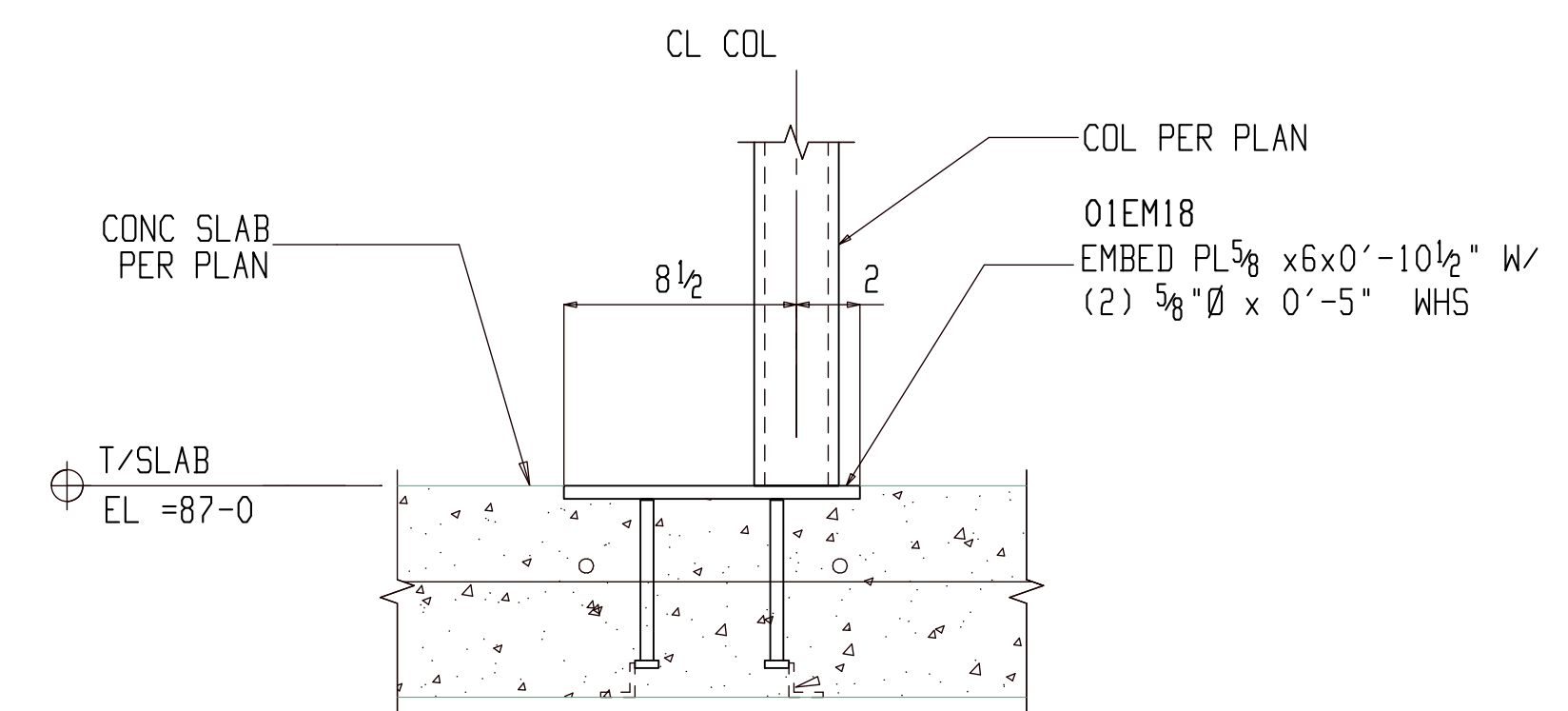
(REFER: S1.1A, S2.1A)



PLAN NORTH



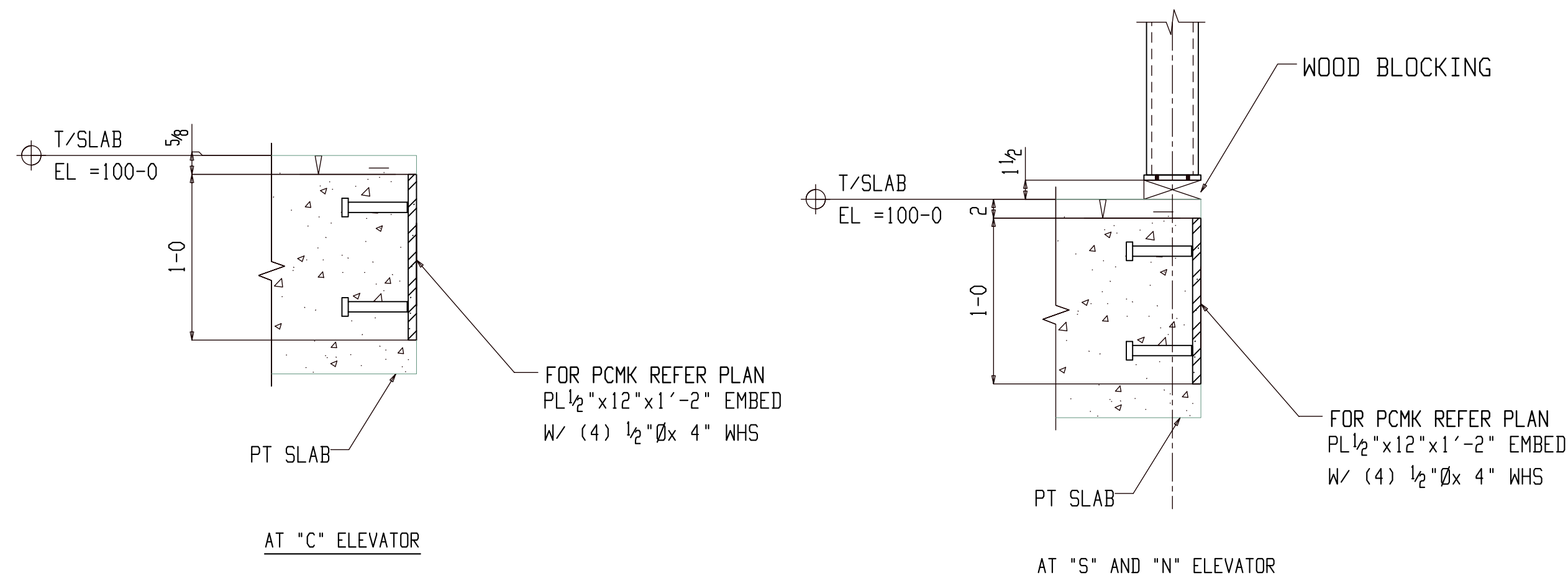
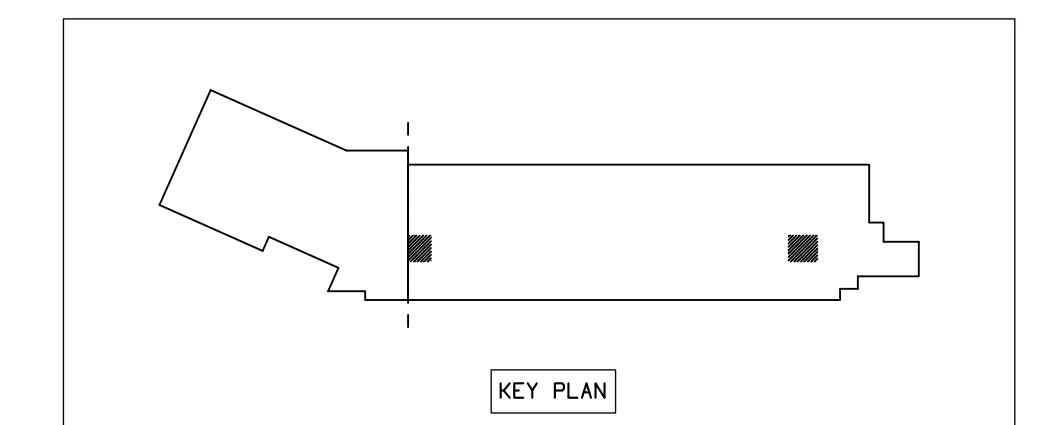
3 EMBED SECTION



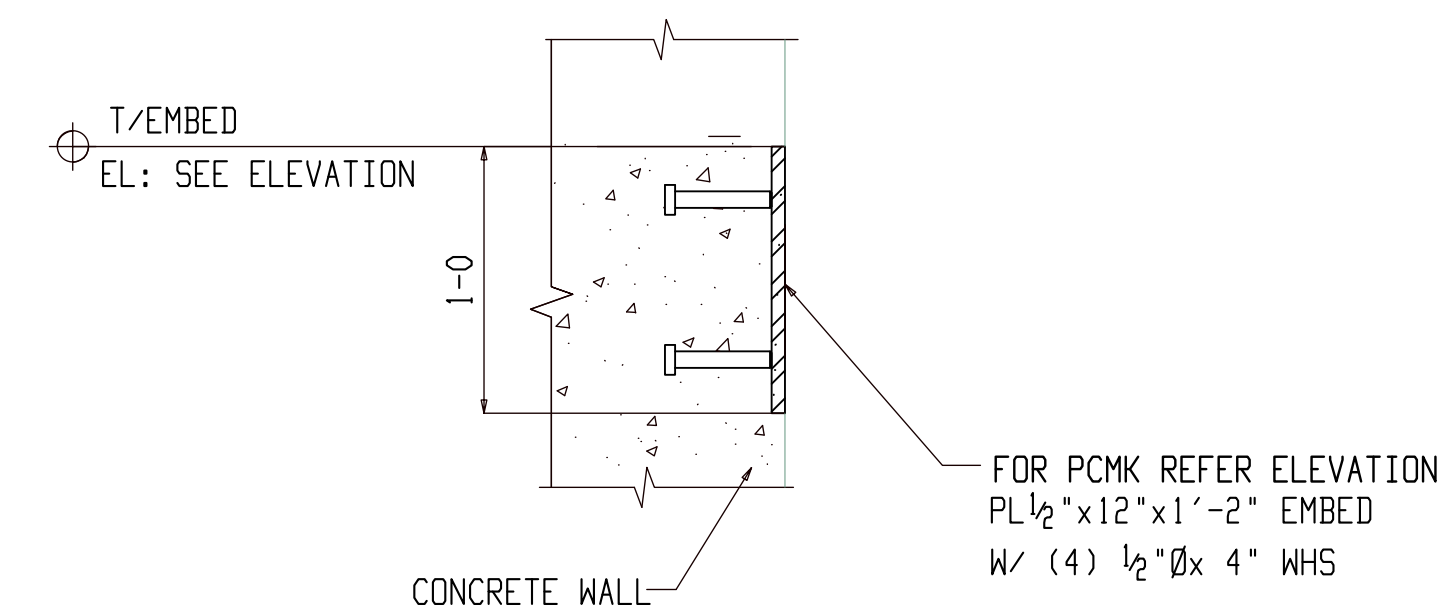
4 EMBED SECTION

(REFER VIEW FOR ELEVATIONS AND CONN. DETAILS)

(REFER VIEW FOR ELEVATIONS AND CONN. DETAILS)



1 TYPICAL EMBED PLATE TO POST-TENSIONED SLAB CONNECTION



2 TYPICAL EMBED PLATE TO CONCRETE WALL CONNECTION

NOTES:-

1. ALL ELEVATIONS ARE GIVEN FROM FINISH FLOOR EL 89'-0"
2. T.O.E.P.L. INDICATES TOP OF EMBED PLATE ELEVATION.

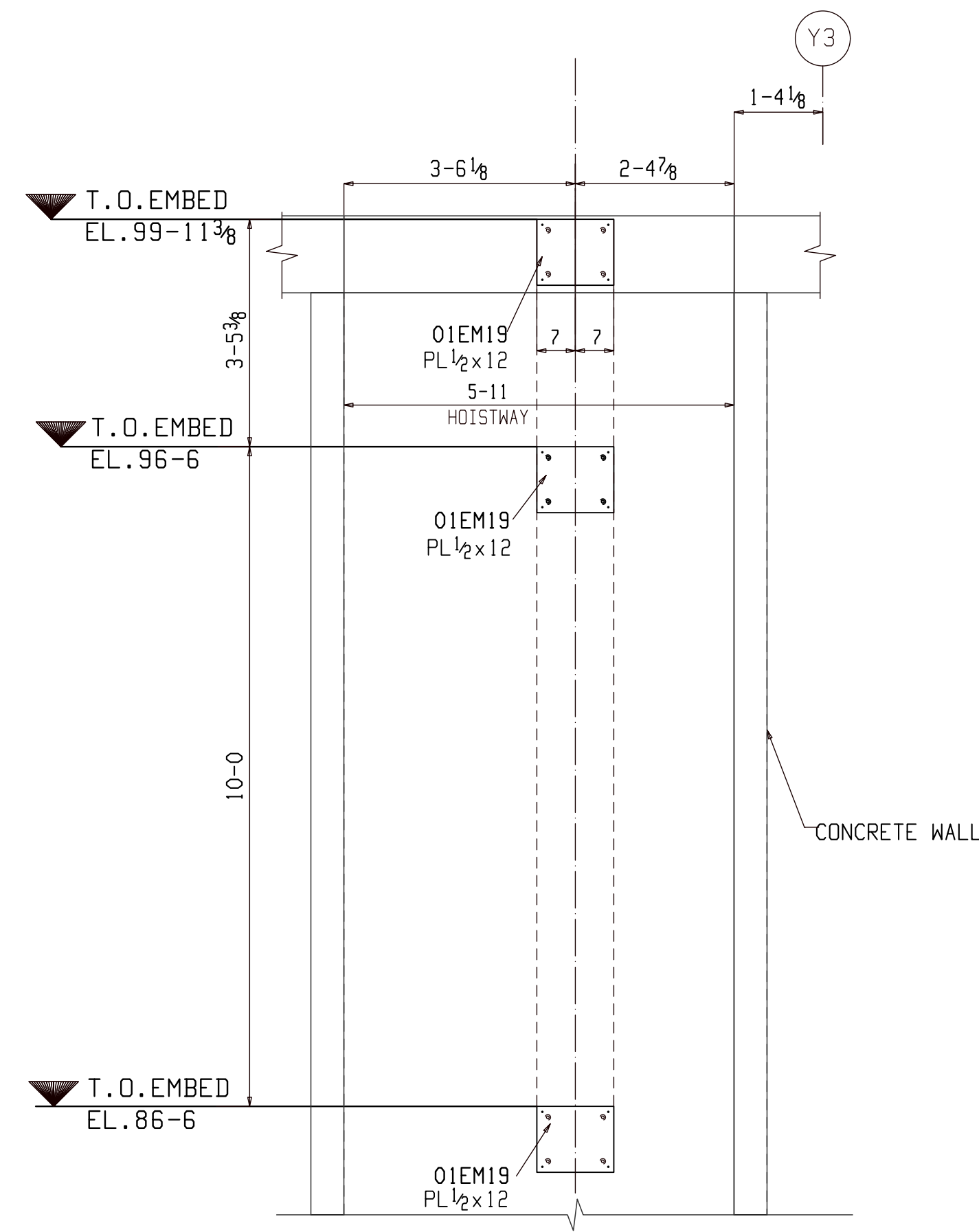
FOR FIELD USE

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

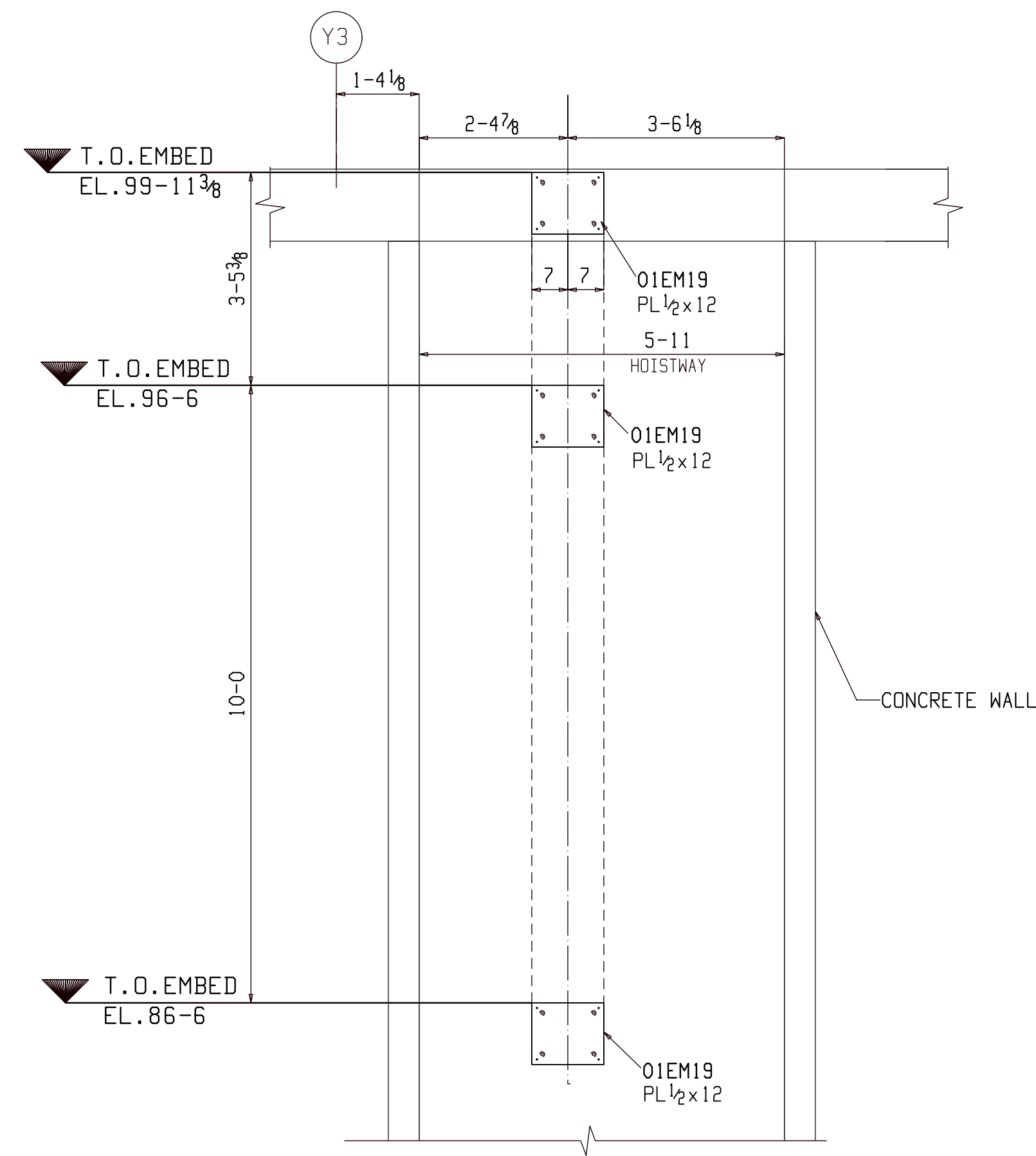
MARKING	DESCRIPTION	DATE
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01B1	SHEET MEMBER TYPE SEQUENCE	
0	For Field Use	06-27-22
A	For Approval	04-18-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN BY	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			EM8

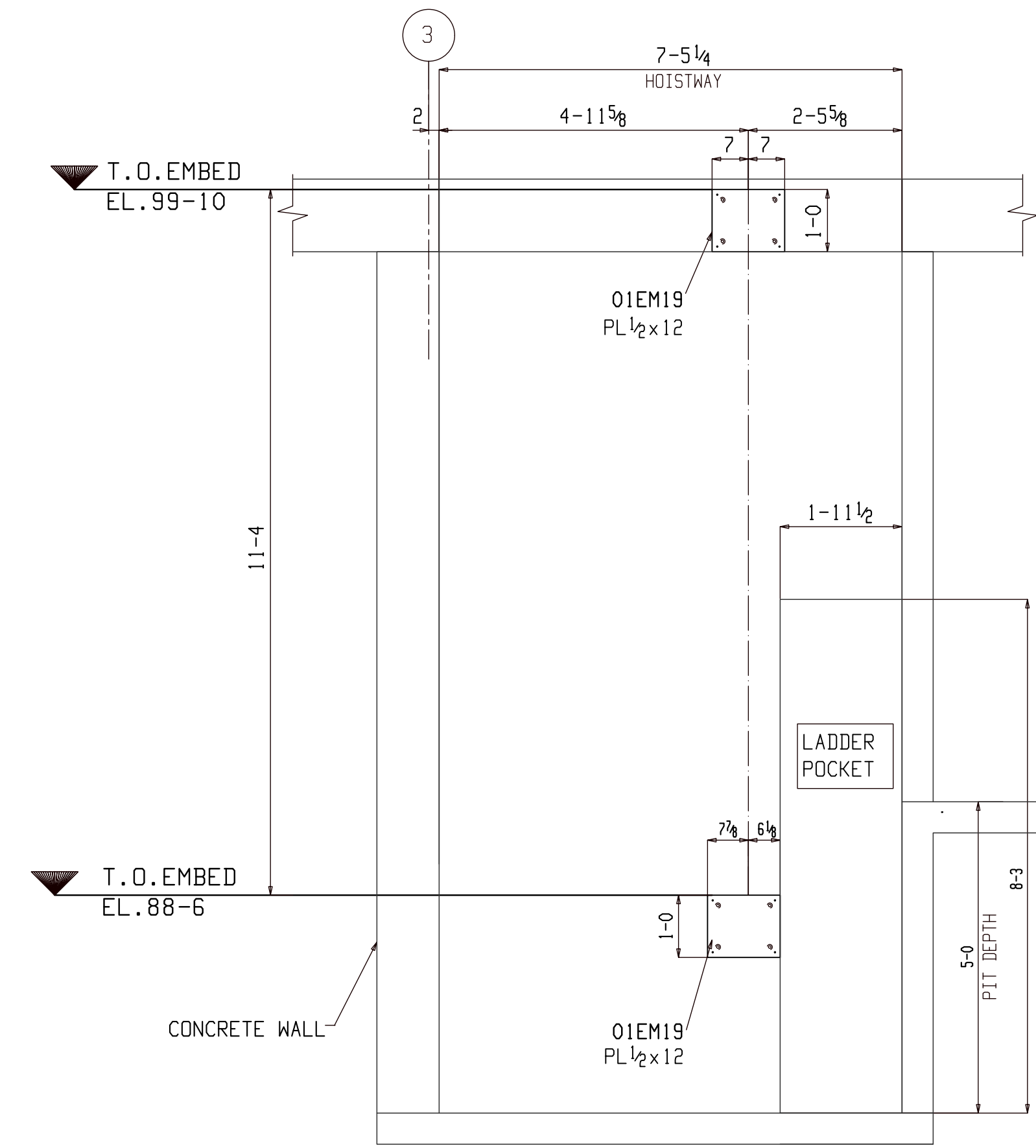
WORK THIS SHEET WITH ABP1, ABP2, EM1, EM7 AND EM9



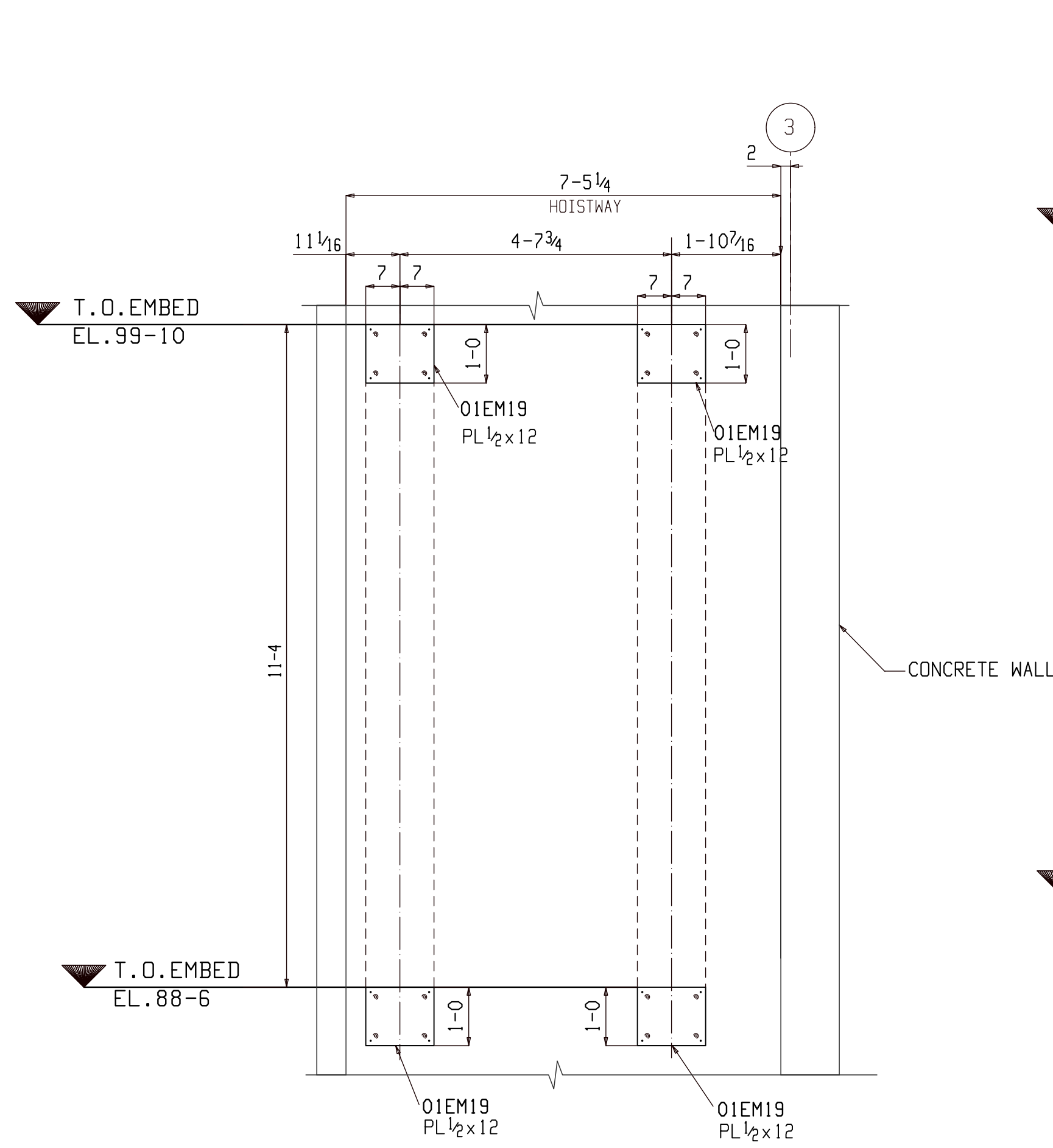
1 ELEVATION VIEW  
EM9



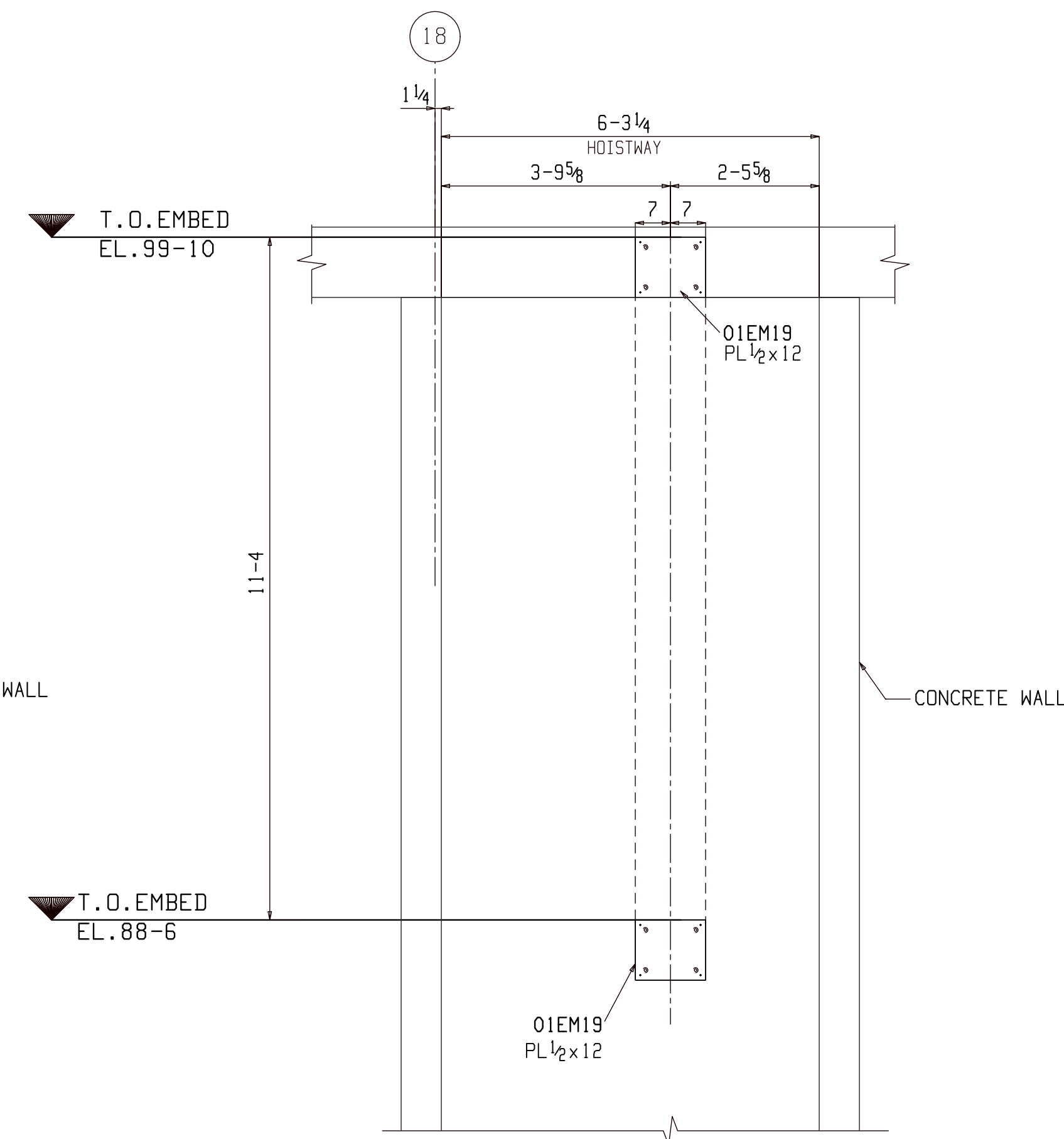
2 ELEVATION VIEW  
EM9



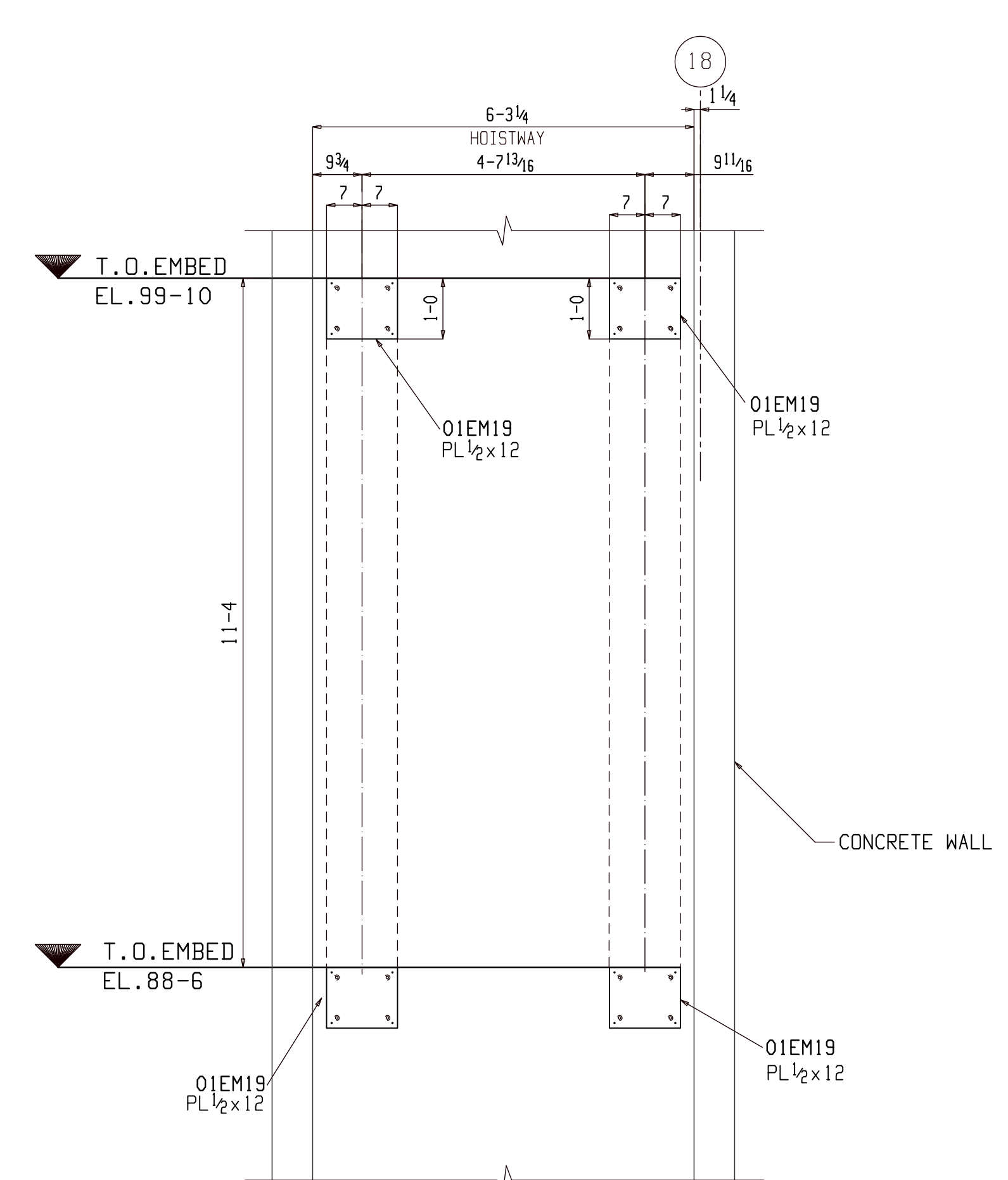
3 ELEVATION VIEW  
EM9



4 ELEVATION VIEW  
EM9



5 ELEVATION VIEW  
EM9



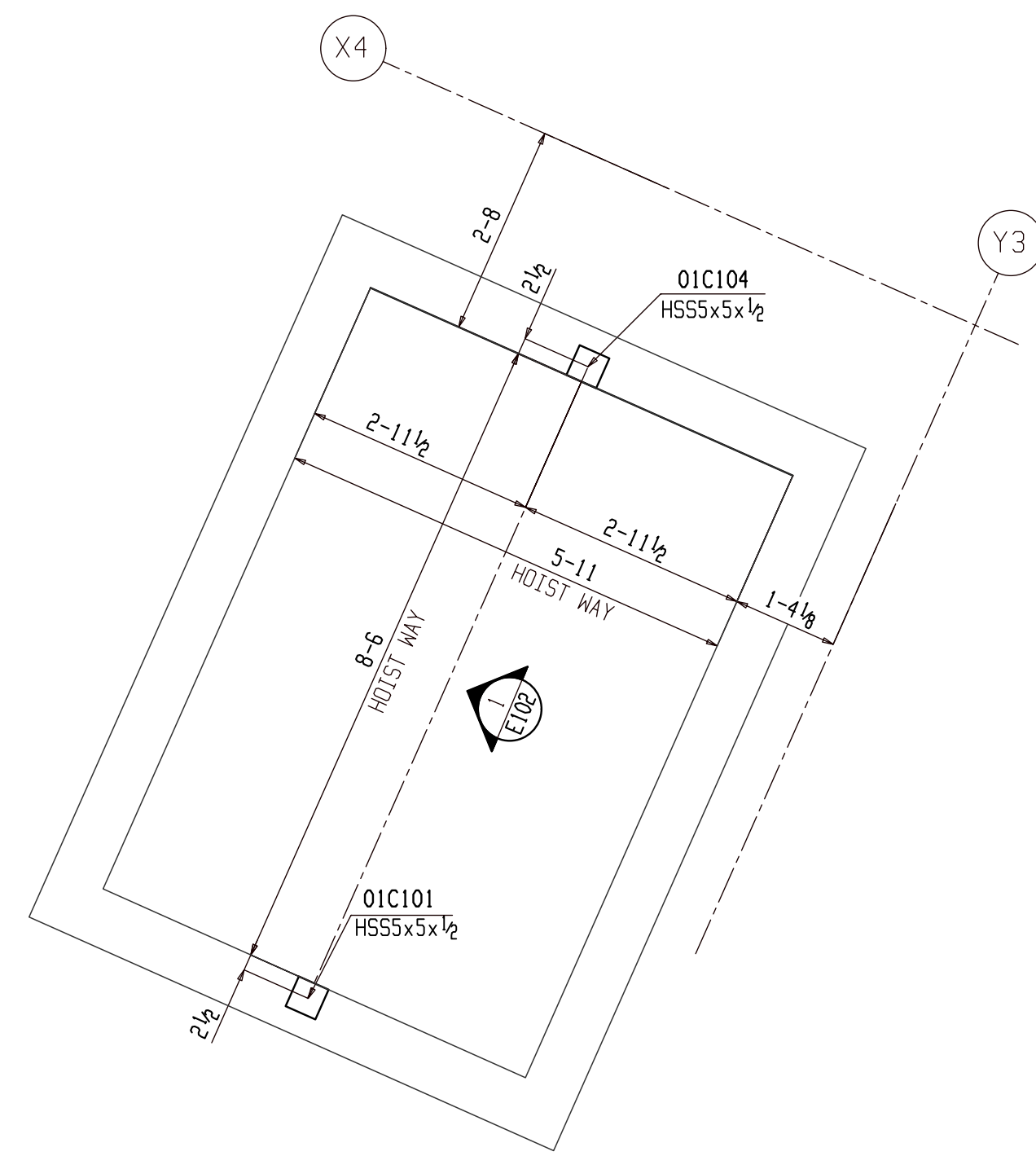
6 ELEVATION VIEW  
EM9

**NOTES:-**  
1. T.O.E.PL. INDICATES TOP OF EMBED PLATE ELEVATION.

**FOR FIELD USE**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

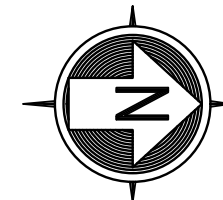
MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
0	For Field Use	06-27-22
A	For Approval	04-18-22
REV	DESCRIPTION	DATE



**TYPICAL C ELEVATOR FRAMING PLAN**

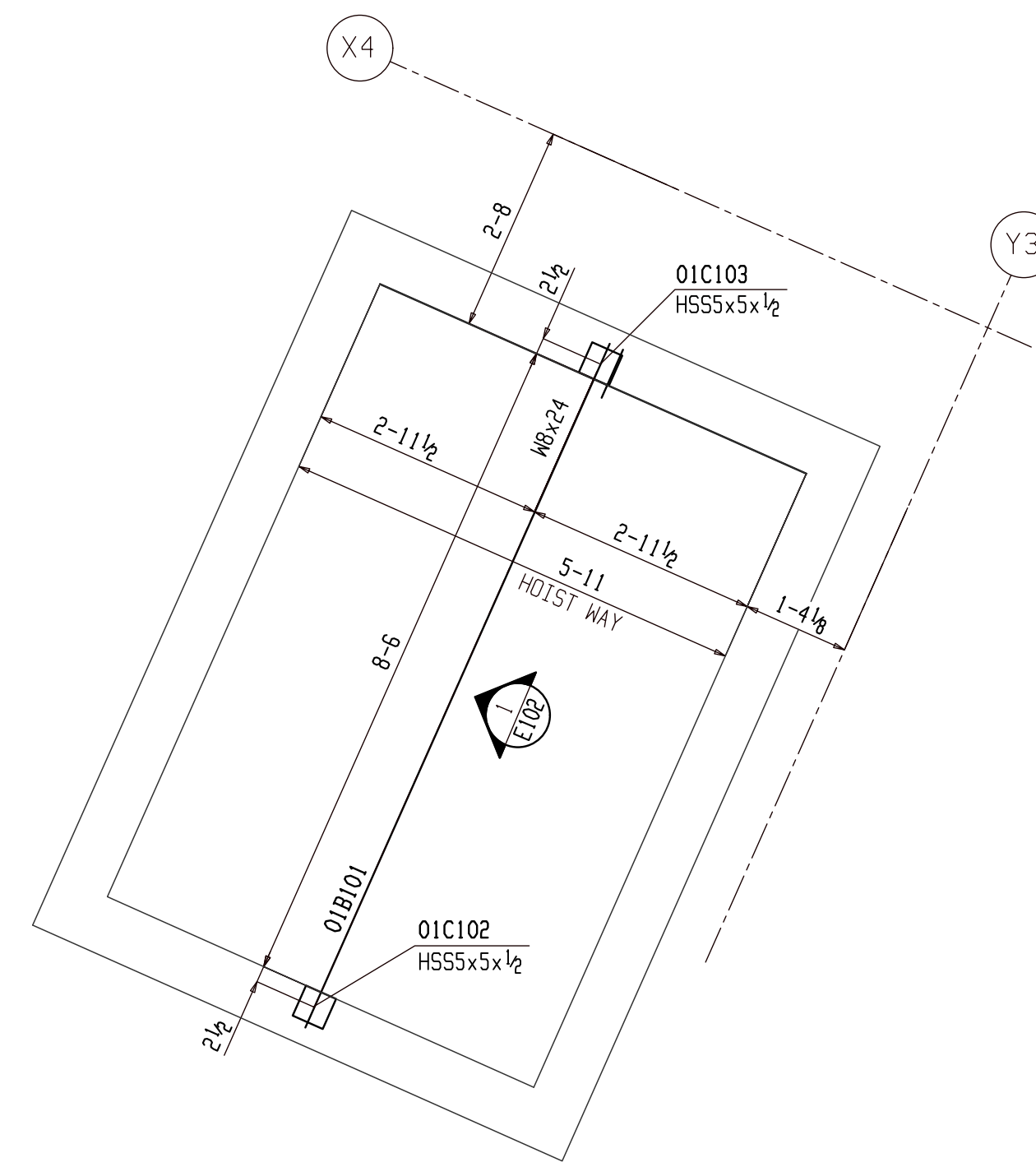
(REFER: S1.C1, S1.C2, S1.C3)

SEQ#1



PLAN NORTH

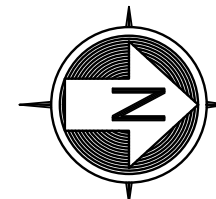
(REFER VIEW FOR ELEVATIONS AND CONN. DETAILS)



**C ELEVATOR HOIST BEAM FRAMING PLAN**

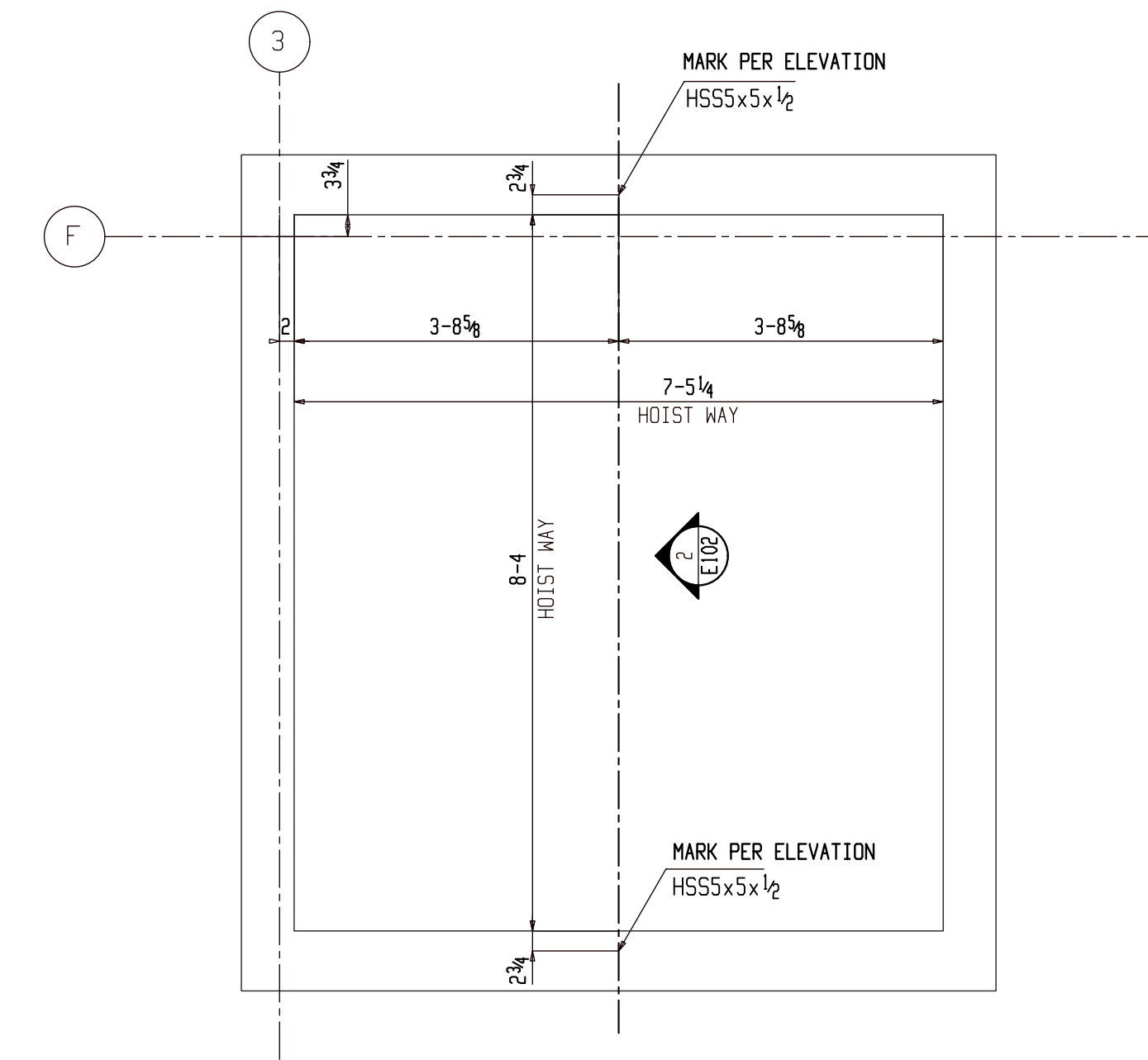
(REFER: S1.C1, S1.C2, S1.C3)

SEQ#1



PLAN NORTH

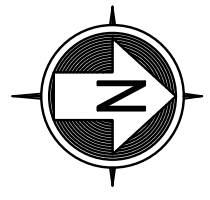
(REFER VIEW FOR ELEVATIONS AND CONN. DETAILS)



**TYPICAL S ELEVATOR FRAMING PLAN**

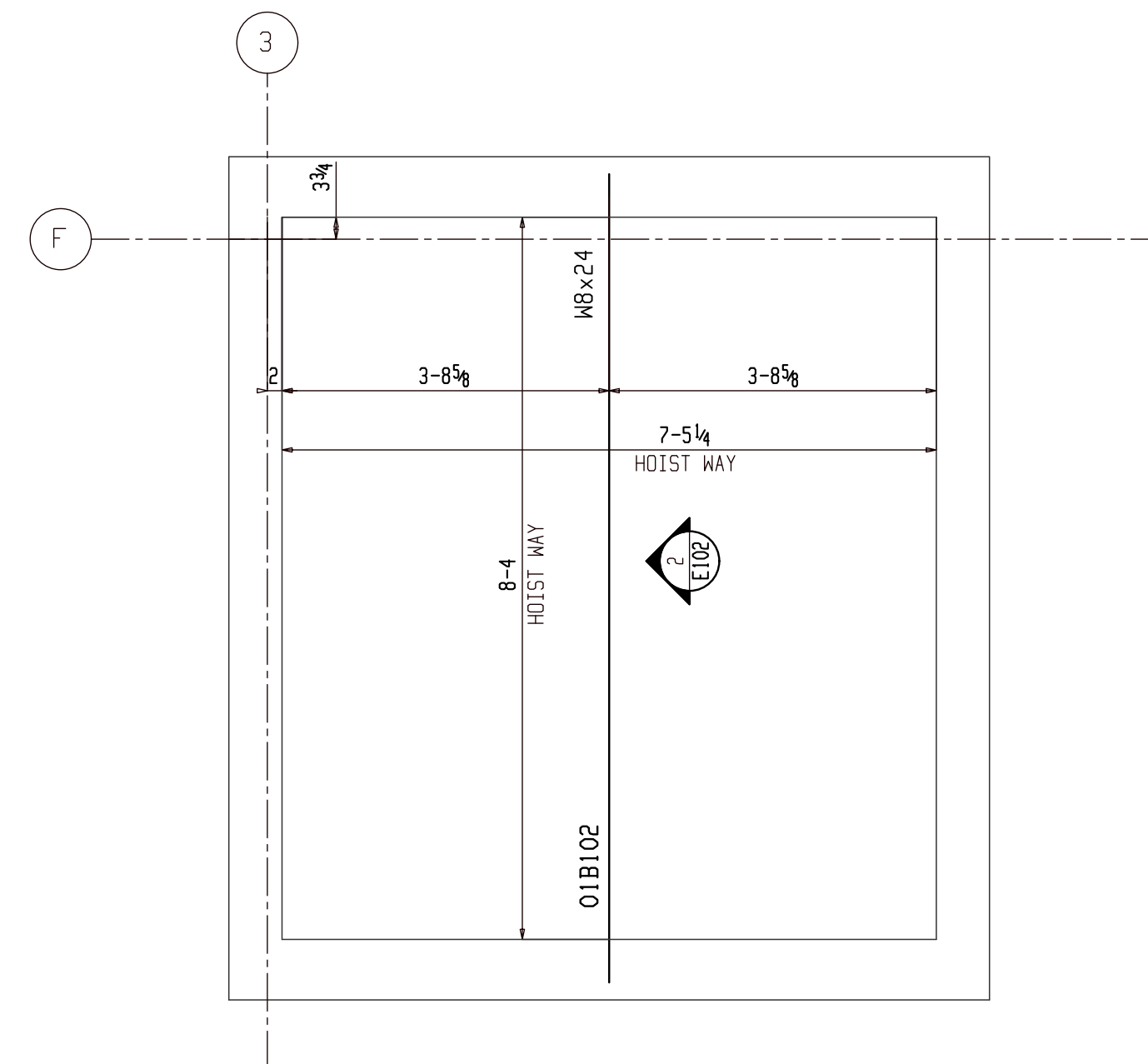
(REFER: S1.1A, S2.1A, S2.2A, S2.3A, S2.4A & S2.5A)

SEQ#1



PLAN NORTH

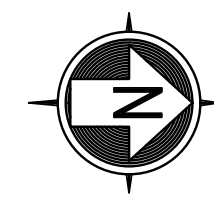
(REFER VIEW FOR ELEVATIONS AND CONN. DETAILS)



**S ELEVATOR HOIST BEAM FRAMING PLAN**

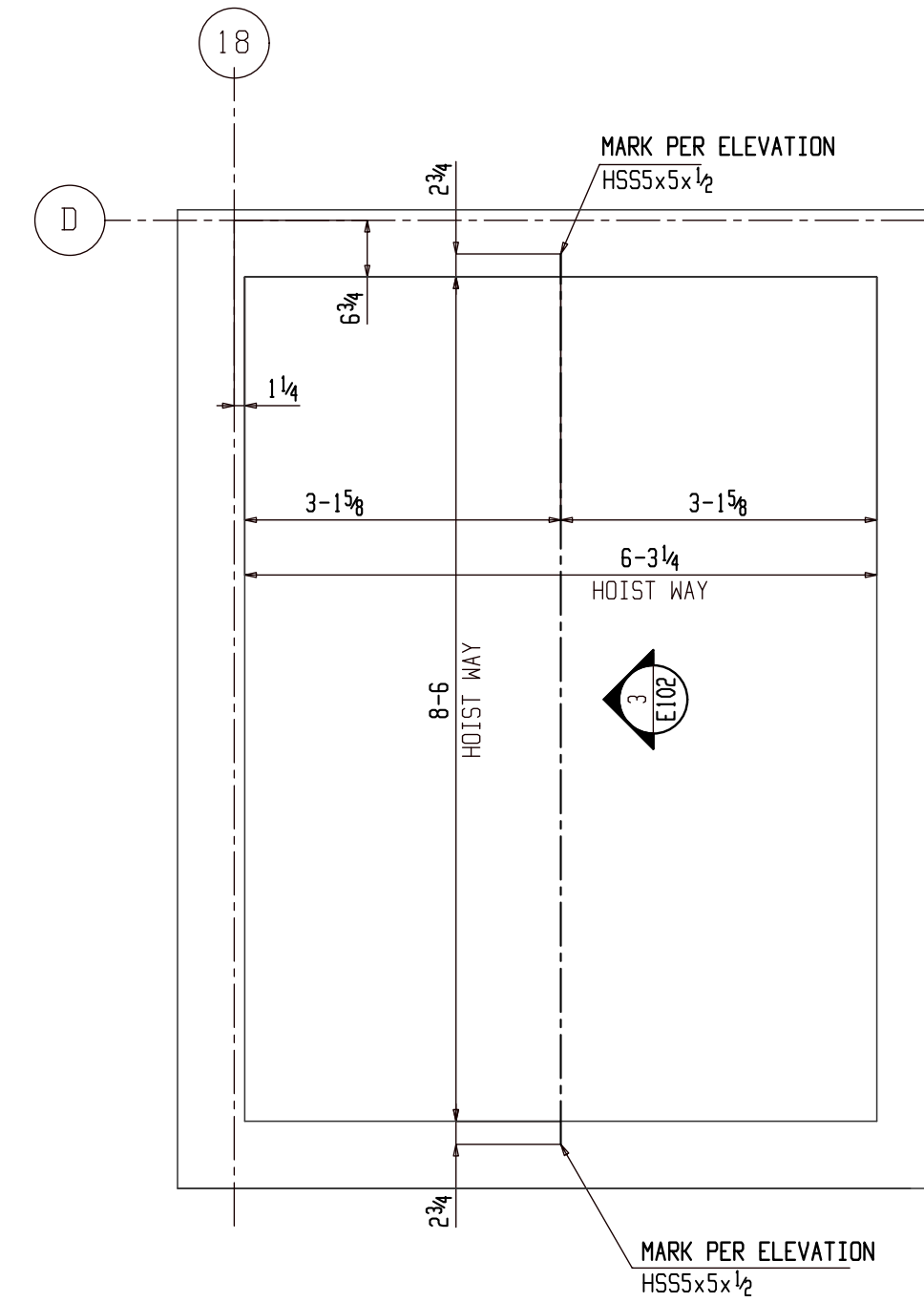
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SEQ#1



PLAN NORTH

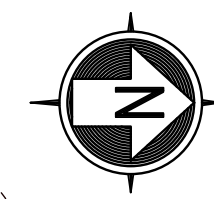
(REFER VIEW FOR ELEVATIONS AND CONN. DETAILS)



**TYPICAL N ELEVATOR FRAMING PLAN**

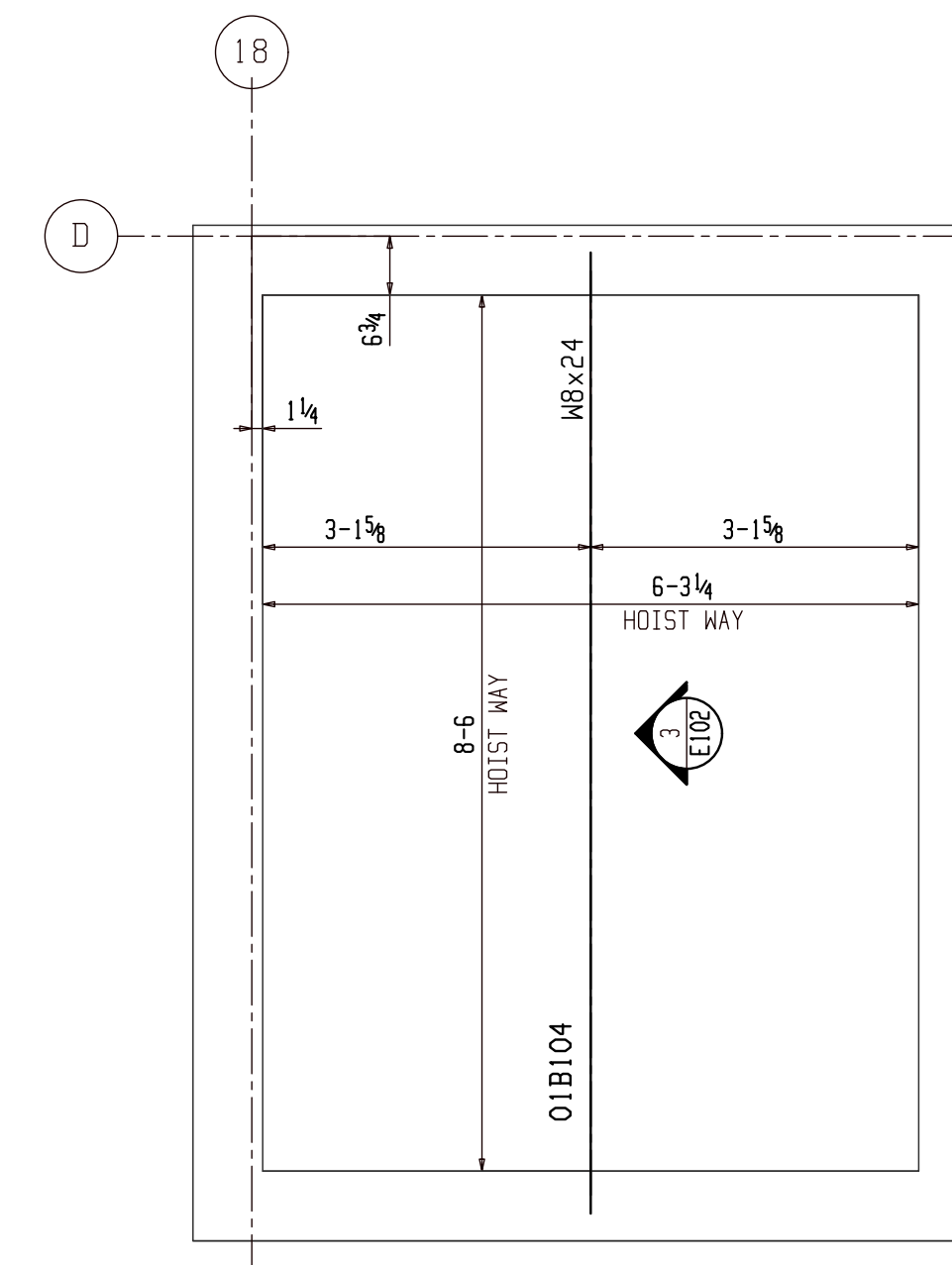
(REFER: S1.1A, S2.1A, S2.2A, S2.3A, S2.4A & S2.5A)

SEQ#1



PLAN NORTH

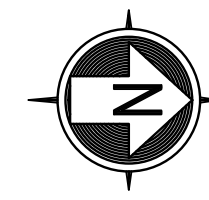
(REFER VIEW FOR ELEVATIONS AND CONN. DETAILS)



**N ELEVATOR HOIST BEAM FRAMING PLAN**

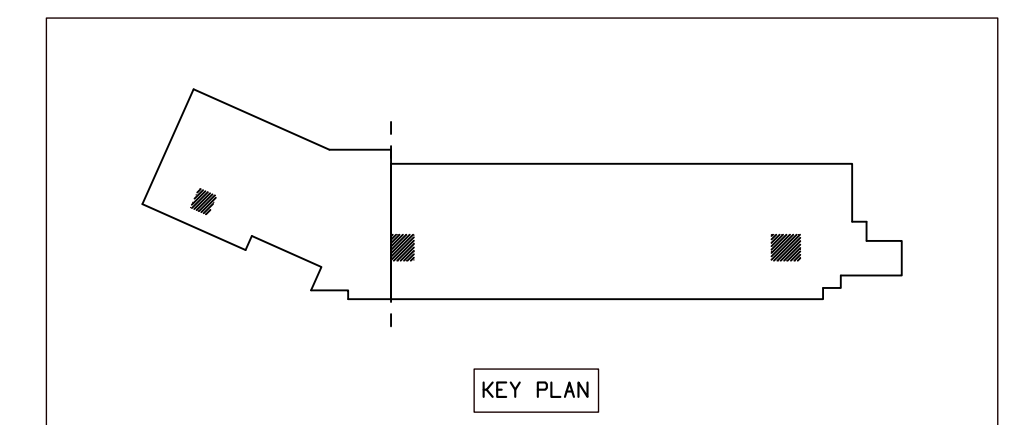
(REFER: S1.1A, S2.1A, S2.2A, S2.3A, S2.4A & S2.5A)

SEQ#1



PLAN NORTH

(REFER VIEW FOR ELEVATIONS AND CONN. DETAILS)



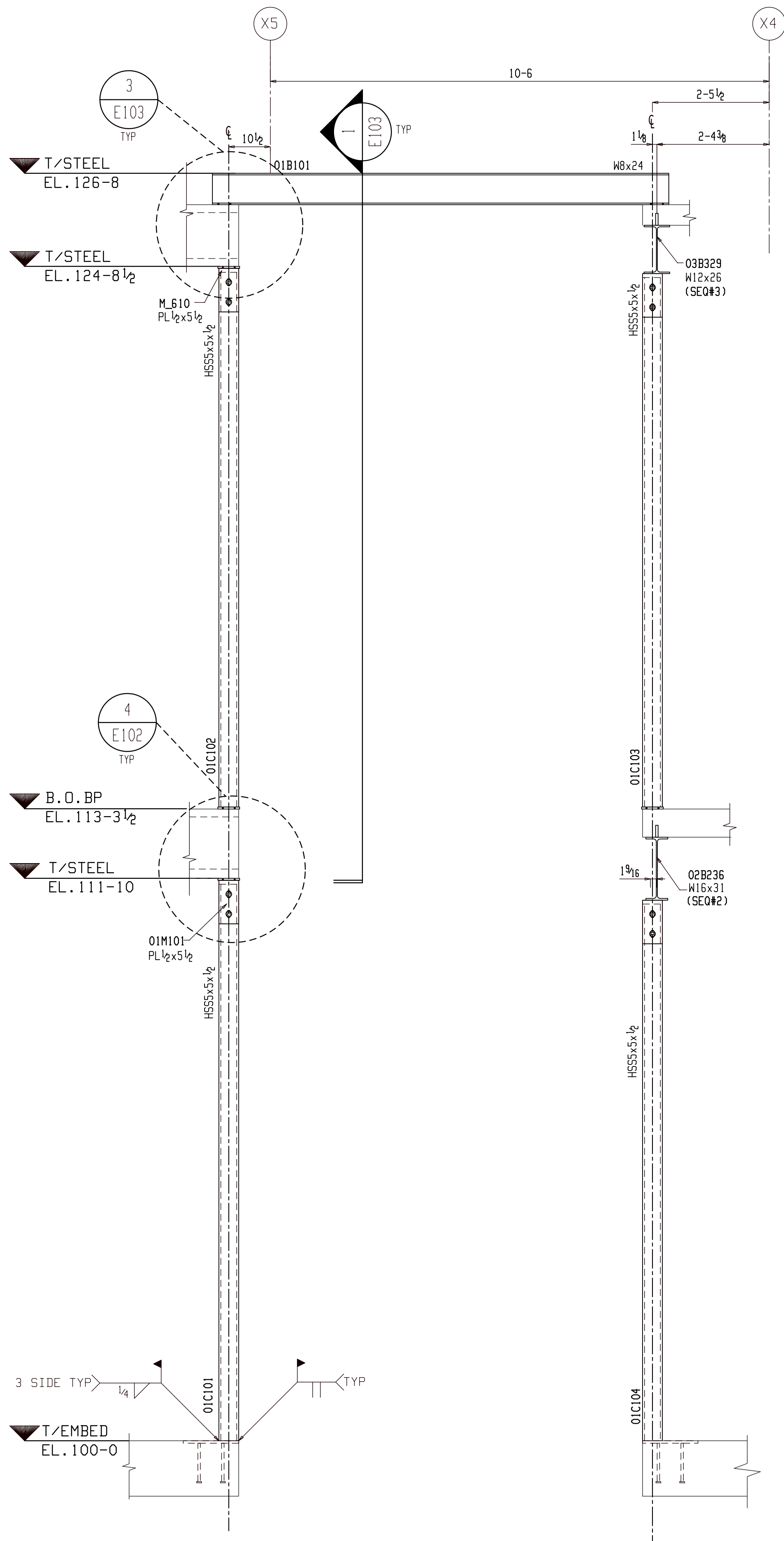
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

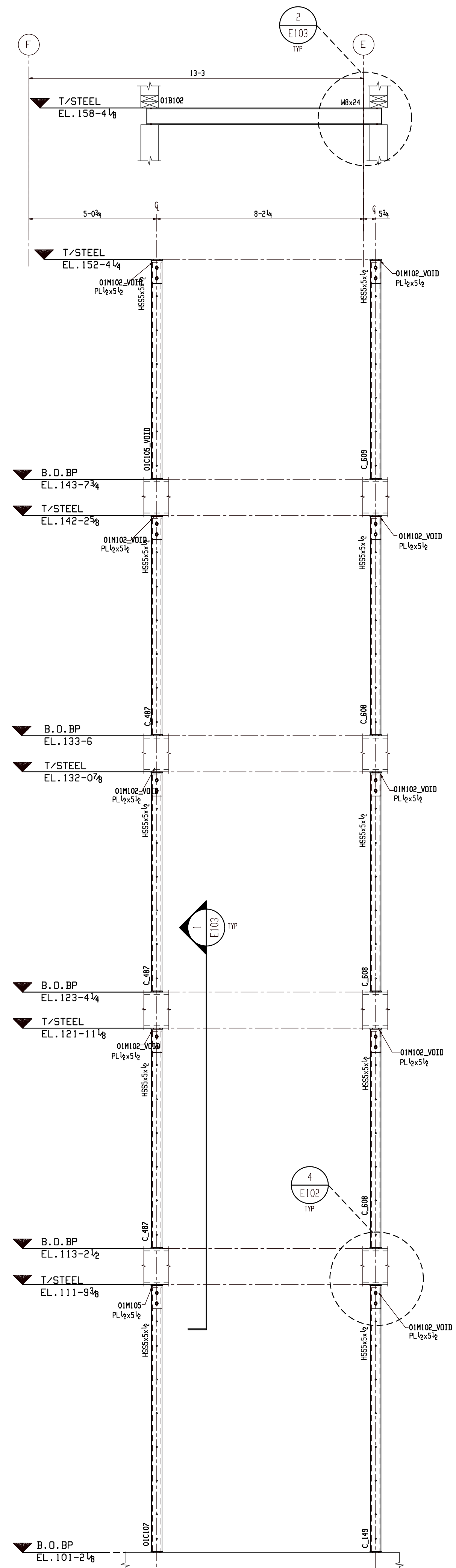
MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

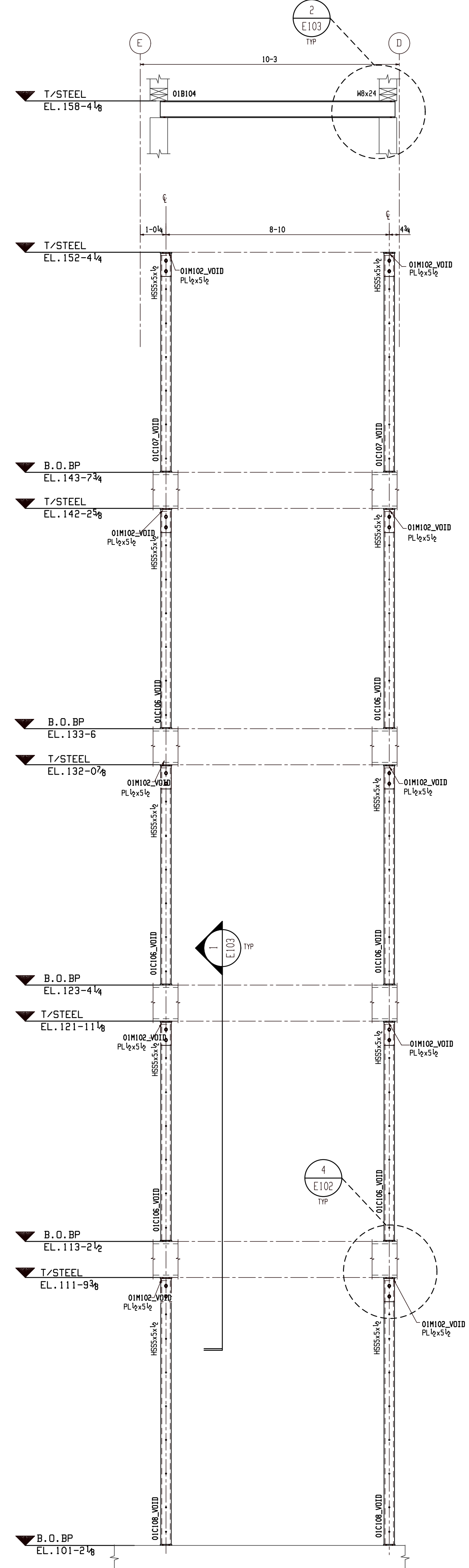
GENERAL ARRANGEMENT		PROJECT NO.	REV
DETAILS	AIU	2210	
DATE	03-26-21	JOB NAME	MILWAUKEE STATION APARTMENTS
DRAWN	SHA	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	03-26-21		E101



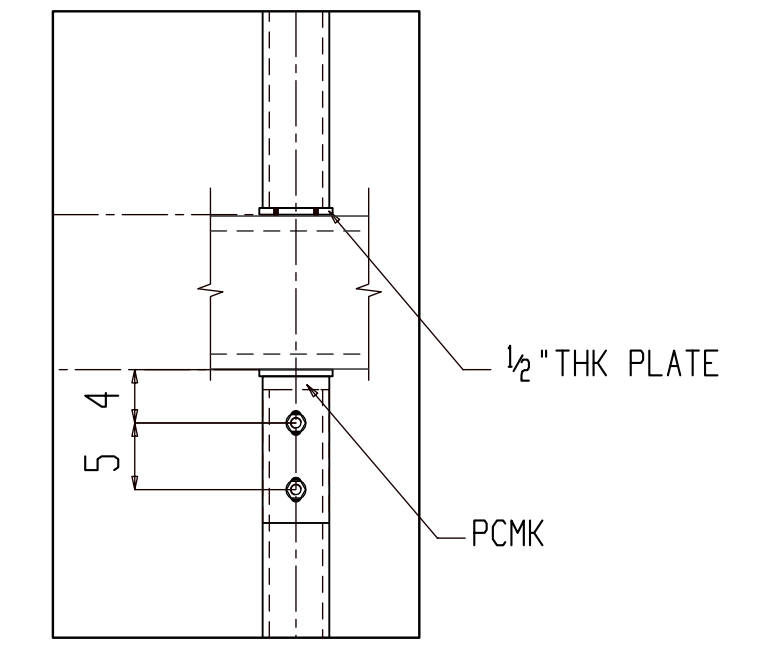
1 ELEVATION VIEW  
E102



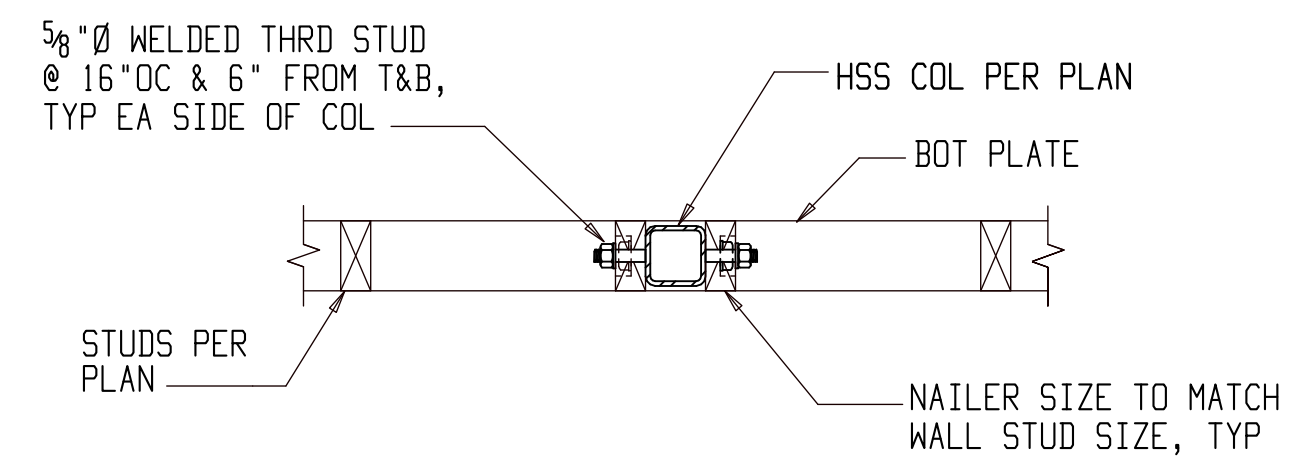
2 ELEVATION VIEW  
E102



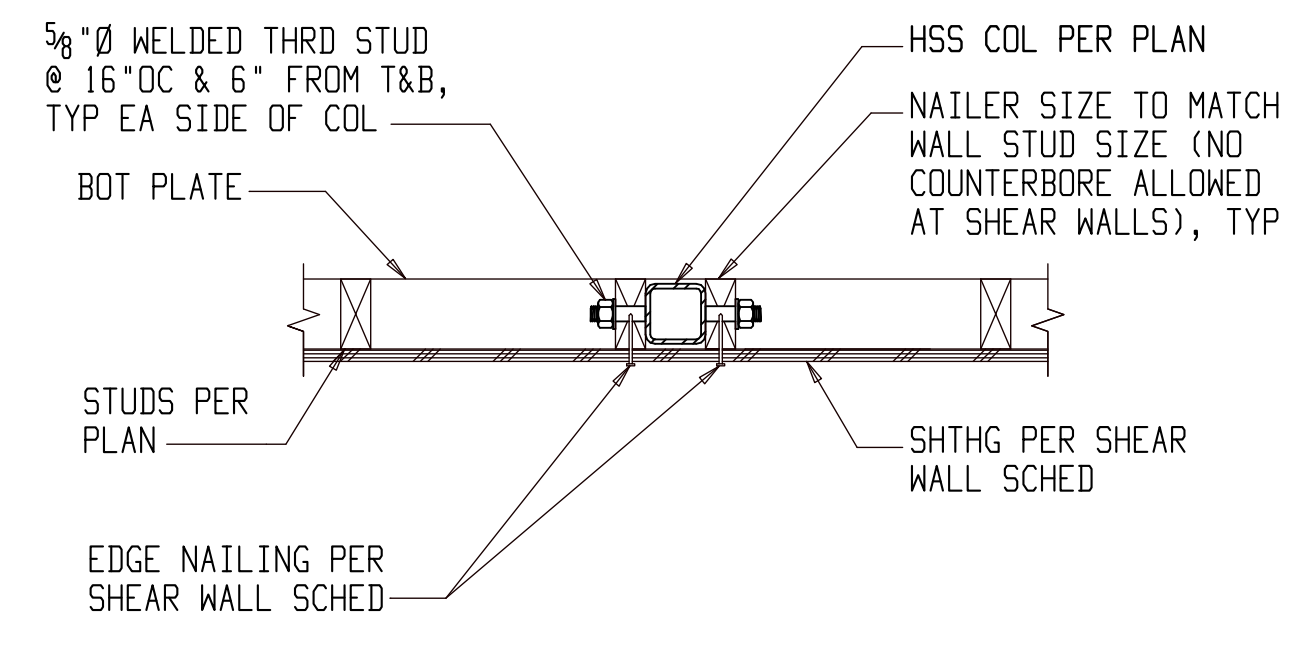
3 ELEVATION VIEW  
E102



4 SUPPORT ATTACHMENT TO WOOD  
E102 (REFER: 12/S7.5)



PLAN - AT NON-SHEAR WALLS



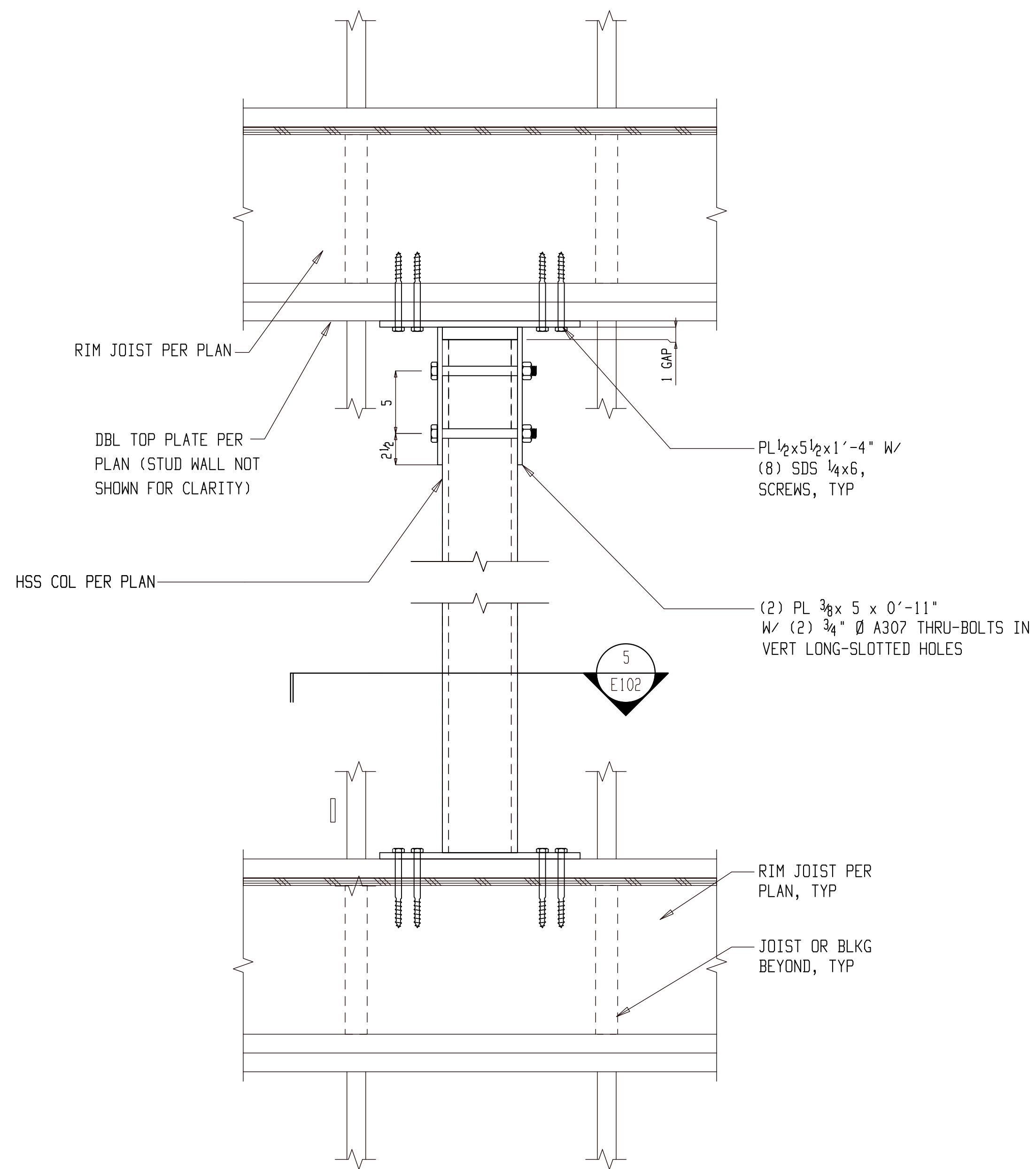
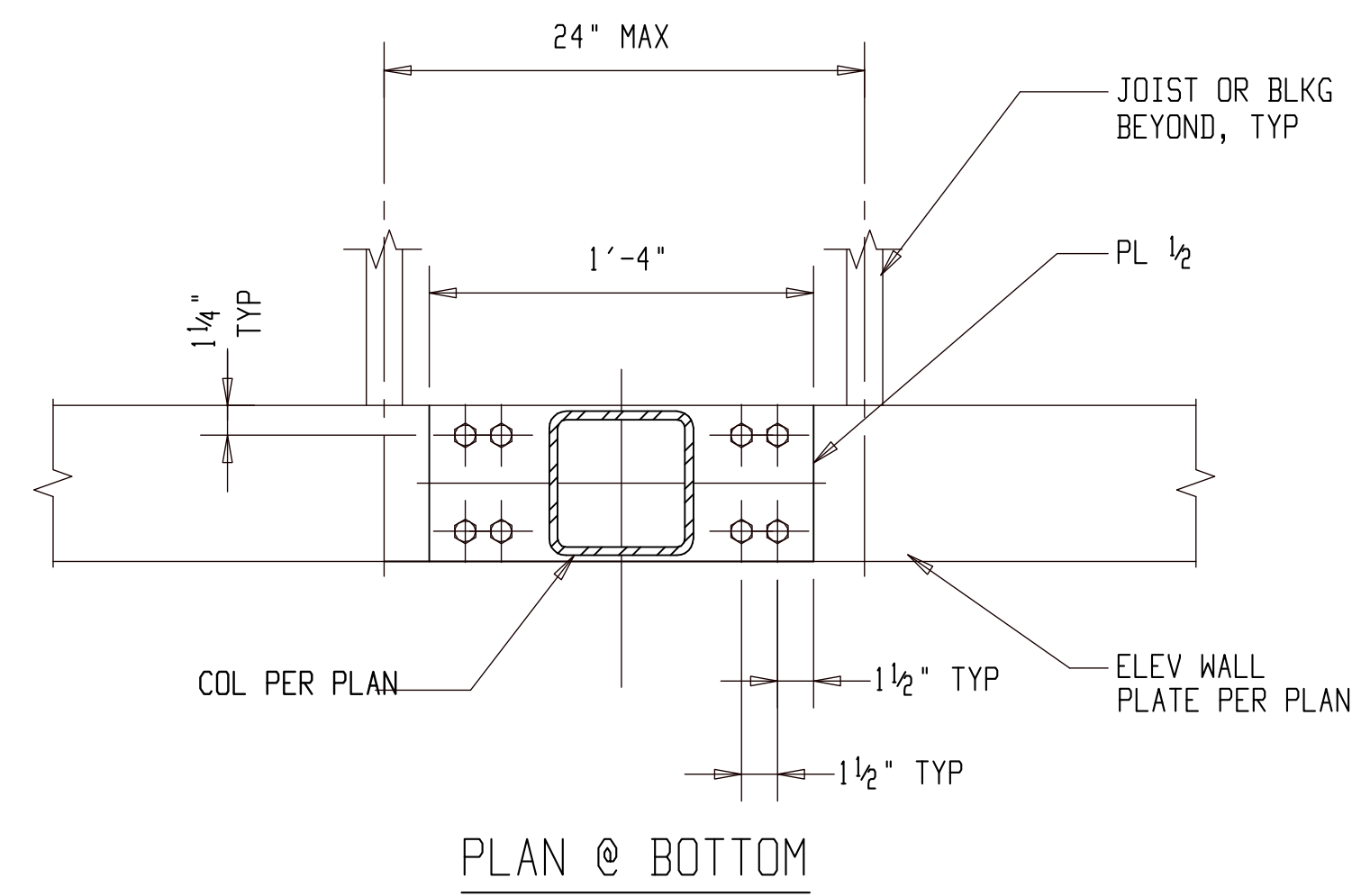
PLAN - AT SHEAR WALLS

NOTE:  
ALL WELDED THREAD STUDS SHALL HAVE NUTS AND WASHERS

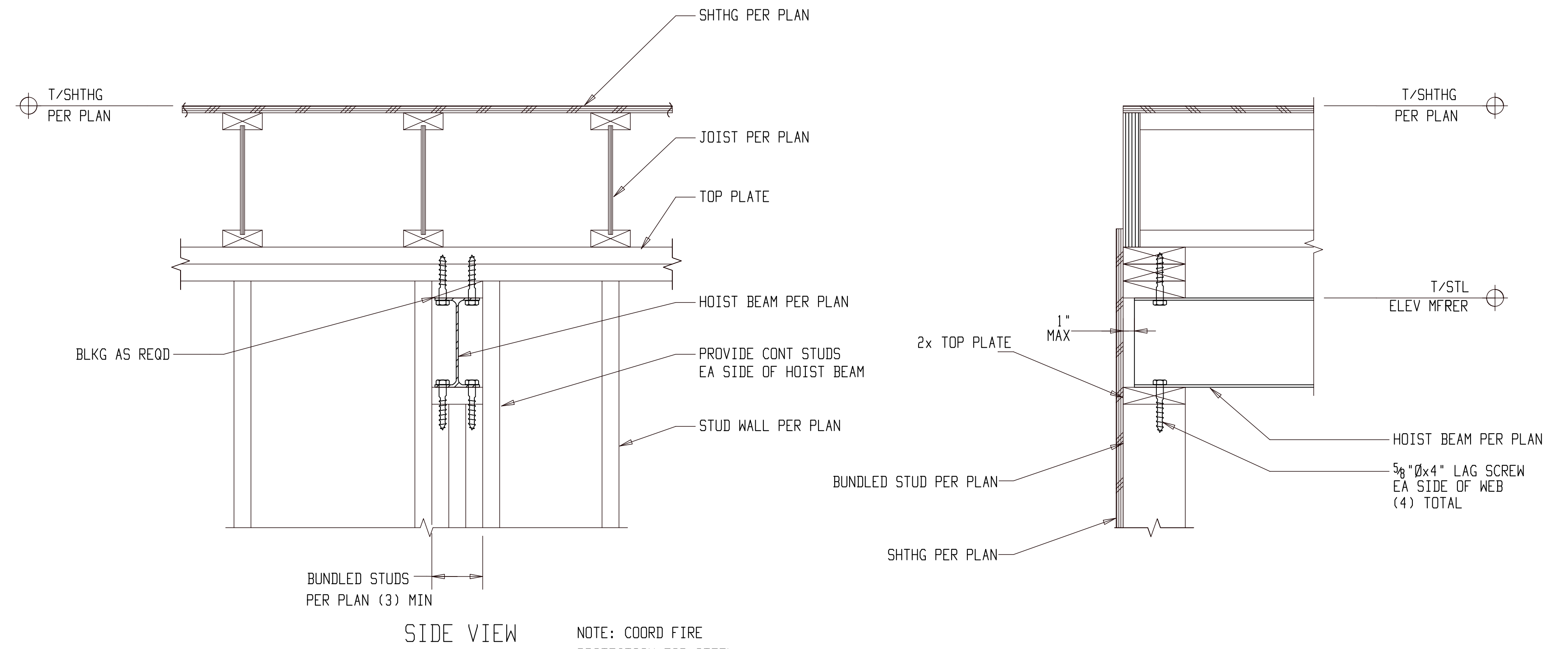
5 TYPICAL NAILER DETAILS AT STEEL COLUMNS  
E102 (REFER: 15/S7.5)

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE																						
MARKING																						
B_100	TEMPORARY MARK BEFORE DETAILING																					
01B1	SHEET																					
	MEMBER TYPE																					
	SEQUENCE																					
REV	DESCRIPTION	DATE																				
A	For Approval	05-06-22																				
<table border="0"> <tr> <td>DETAILS</td> <td>ANU</td> <td>GENERAL ARRANGEMENT</td> <td>PROJECT NO</td> <td>2210</td> </tr> <tr> <td>DATE</td> <td>03-26-21</td> <td>JOB NAME</td> <td>MILWAUKEE STATION APARTMENTS</td> <td>REV</td> </tr> <tr> <td>CHECKER</td> <td>SHA</td> <td>JOB LOCATION</td> <td>GREAT FALLS, MONTANA</td> <td>E102</td> </tr> <tr> <td>APPROVED</td> <td>03-26-21</td> <td></td> <td></td> <td></td> </tr> </table>			DETAILS	ANU	GENERAL ARRANGEMENT	PROJECT NO	2210	DATE	03-26-21	JOB NAME	MILWAUKEE STATION APARTMENTS	REV	CHECKER	SHA	JOB LOCATION	GREAT FALLS, MONTANA	E102	APPROVED	03-26-21			
DETAILS	ANU	GENERAL ARRANGEMENT	PROJECT NO	2210																		
DATE	03-26-21	JOB NAME	MILWAUKEE STATION APARTMENTS	REV																		
CHECKER	SHA	JOB LOCATION	GREAT FALLS, MONTANA	E102																		
APPROVED	03-26-21																					

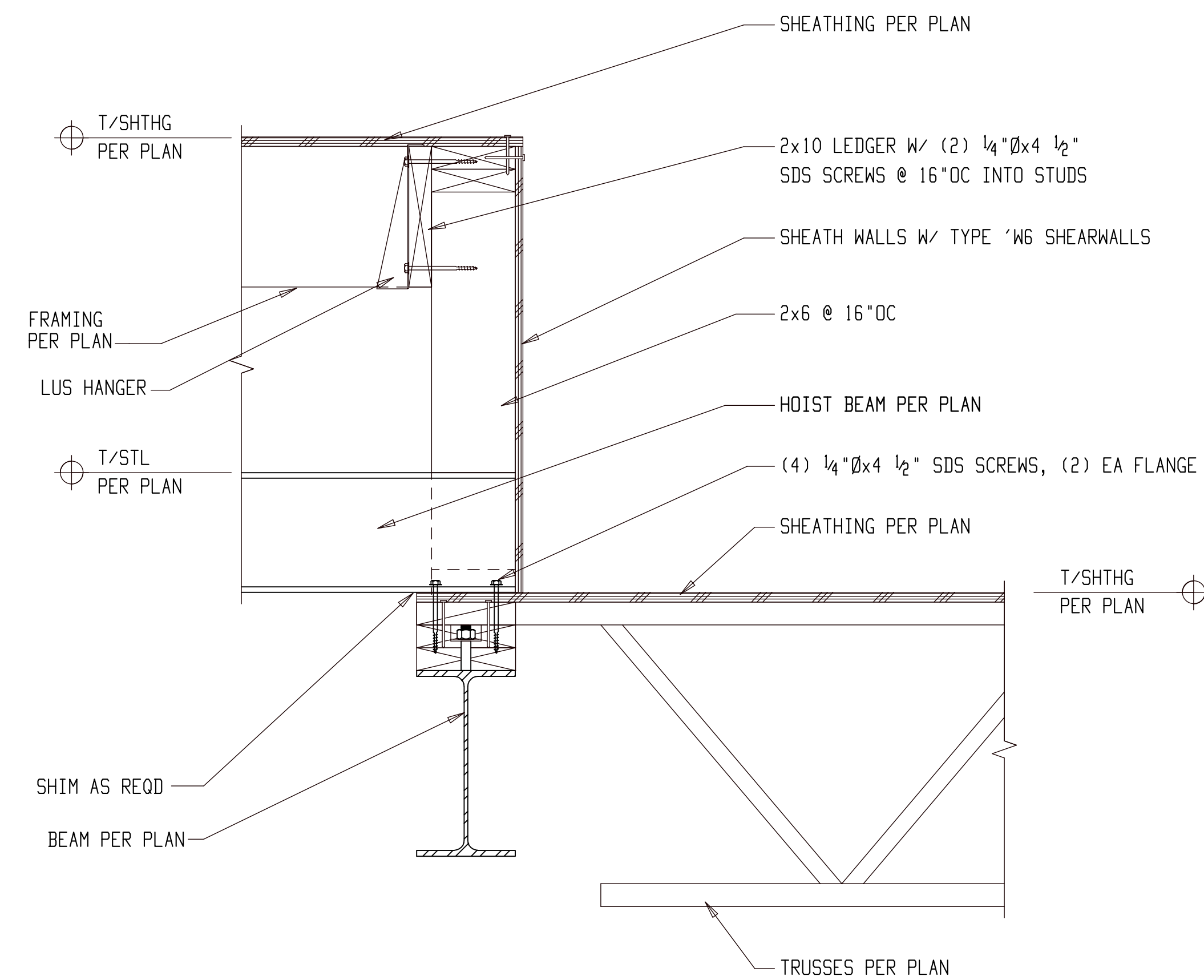


**1** ELEVATOR RAIL SUPPORT ATTACHMENT TO WOOD  
(REFER: 12/S7.5)



NOTE: COORD FIRE PROTECTION FOR STEEL PER ARCH

**2** HOST BEAM SUPPORT  
(REFER: 8/S7.5)



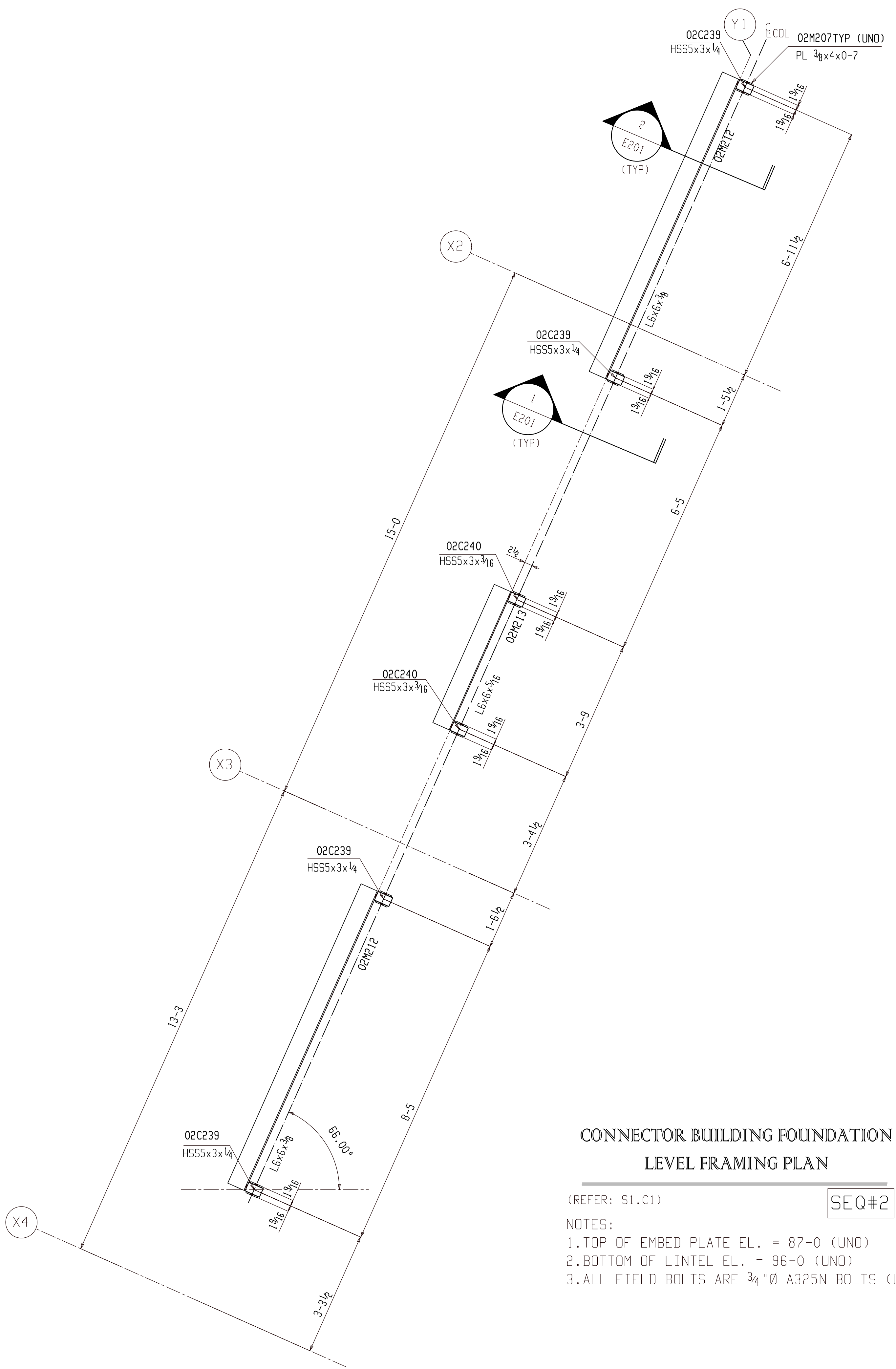
**3** FRAMING AT CONNECTOR ELEVATOR OVERRUN  
(REFER: 20/S6.3)

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT				PROJECT NO.	REV
DATE	DATE	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DRAWN	DATE	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED					E103



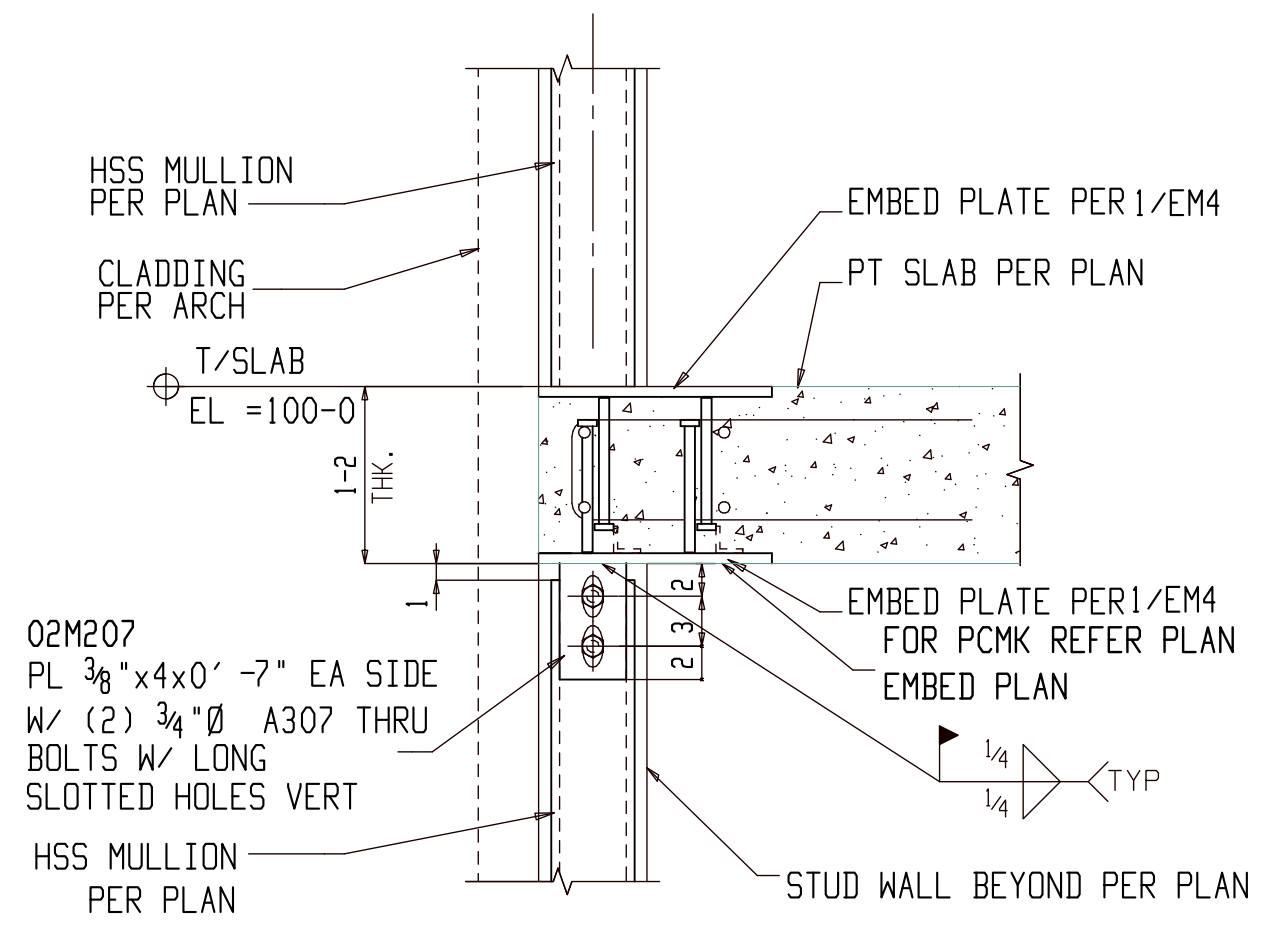
**CONNECTOR BUILDING FOUNDATION  
LEVEL FRAMING PLAN**

(REFER: S1.C1)

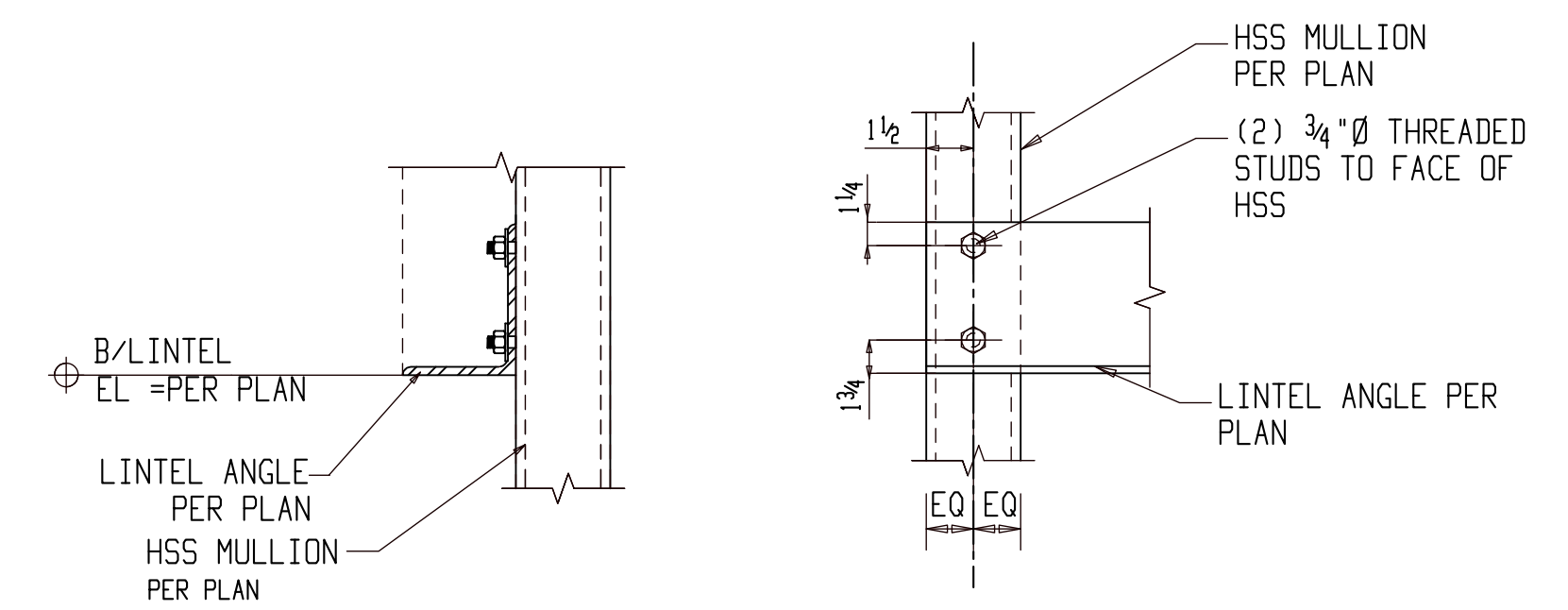
SEQ#2



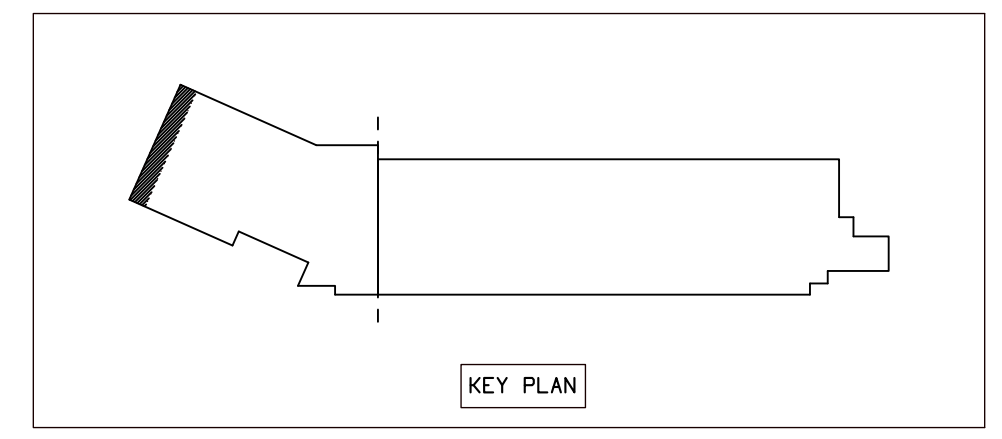
- NOTES:  
 1. TOP OF EMBED PLATE EL. = 87'-0" (UNO)  
 2. BOTTOM OF LINTEL EL. = 96'-0" (UNO)  
 3. ALL FIELD BOLTS ARE 3/4" Ø A325N BOLTS (UNO)



1 MULLION AT P-T SLAB SECTION  
E201 (REFER: 10/S6.3)



2 SECTION AT LINTEL ANGLE  
E201 (REFER: 16/S6.2)

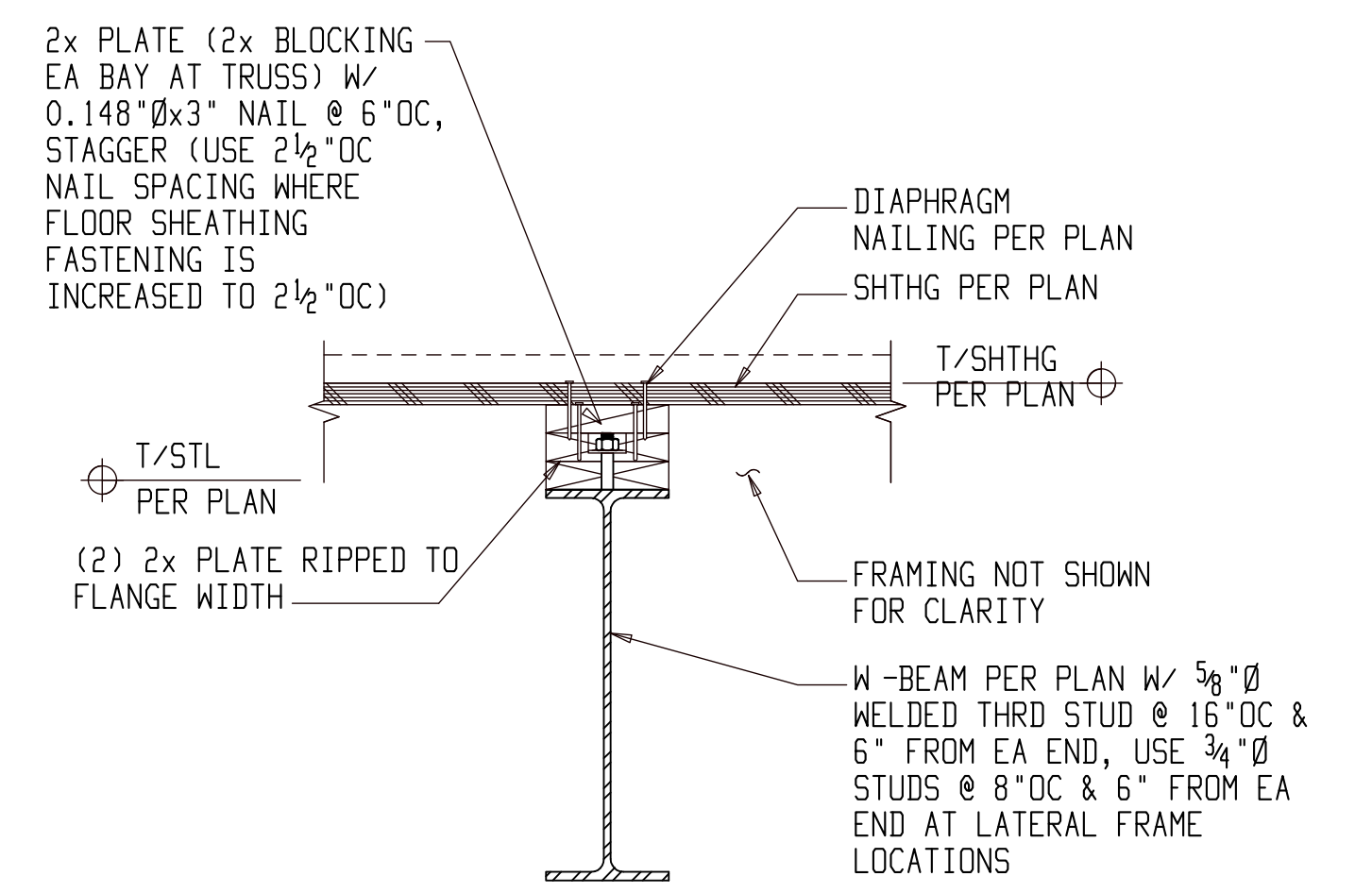
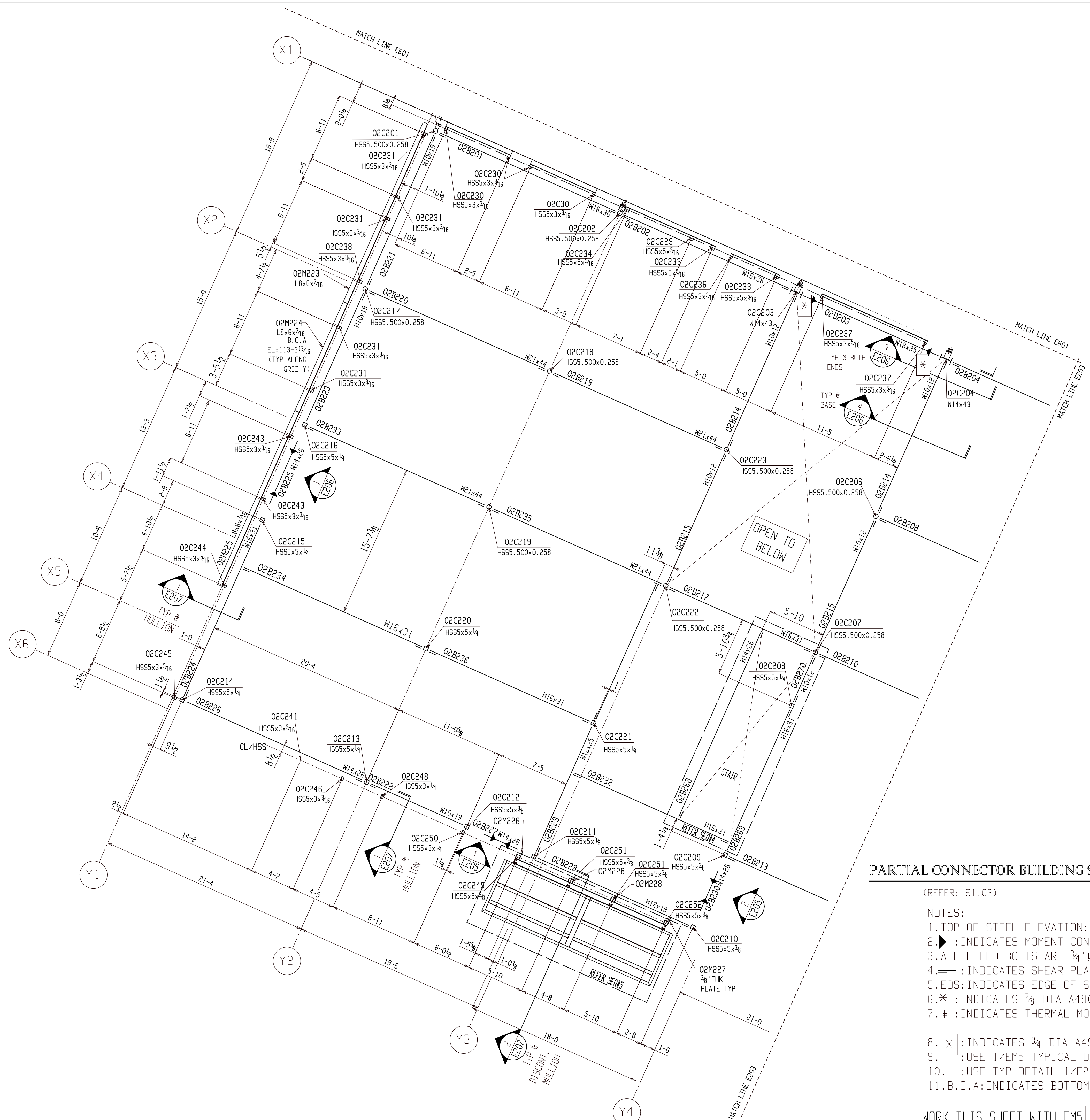


**FOR FIELD USE**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

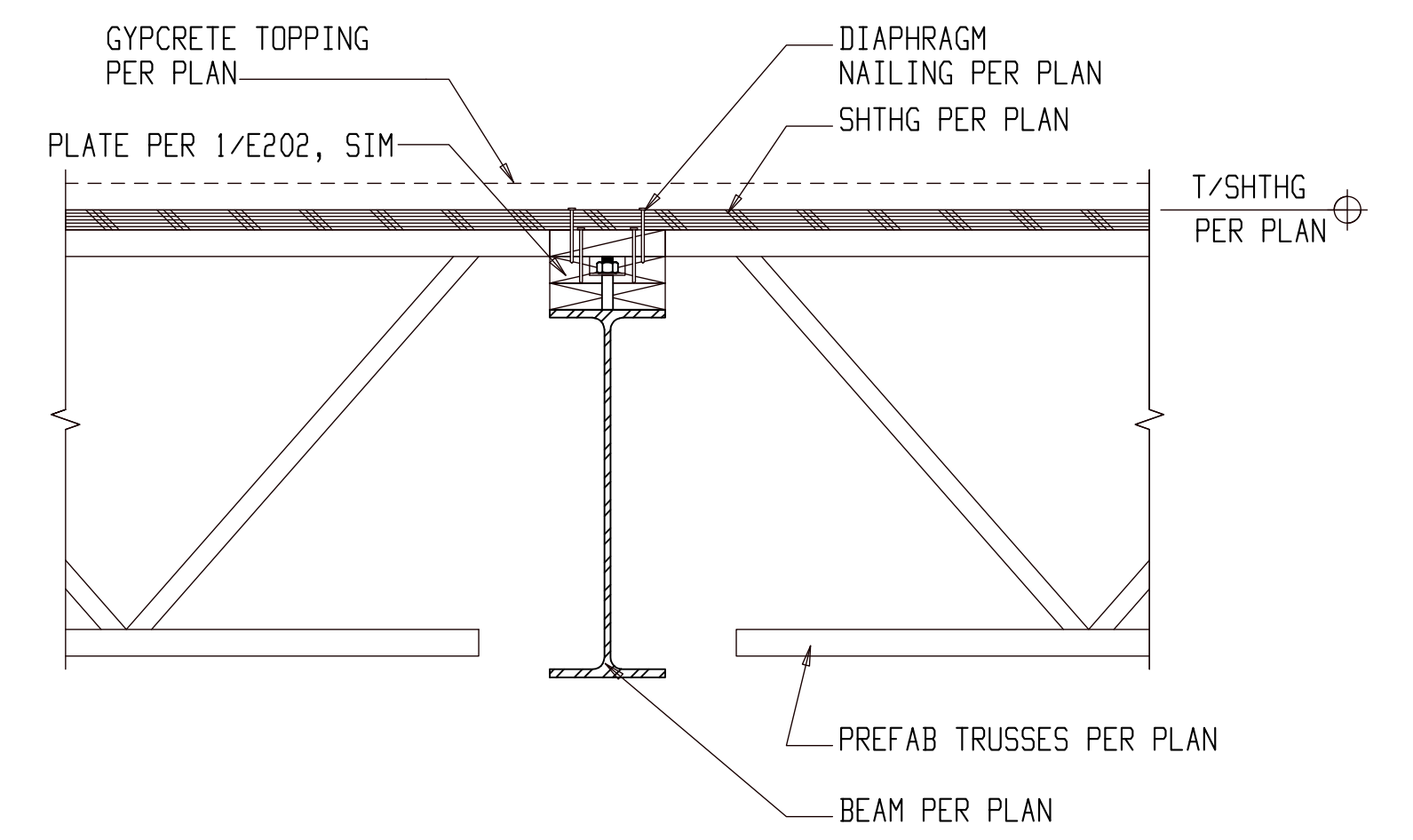
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B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
0	For Field Use	07-07-22
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	JOB NAME	2210	△
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN BY	JOB LOCATION	DESIGN	
SHA	GREAT FALLS, MONTANA	E201	
03-26-21			

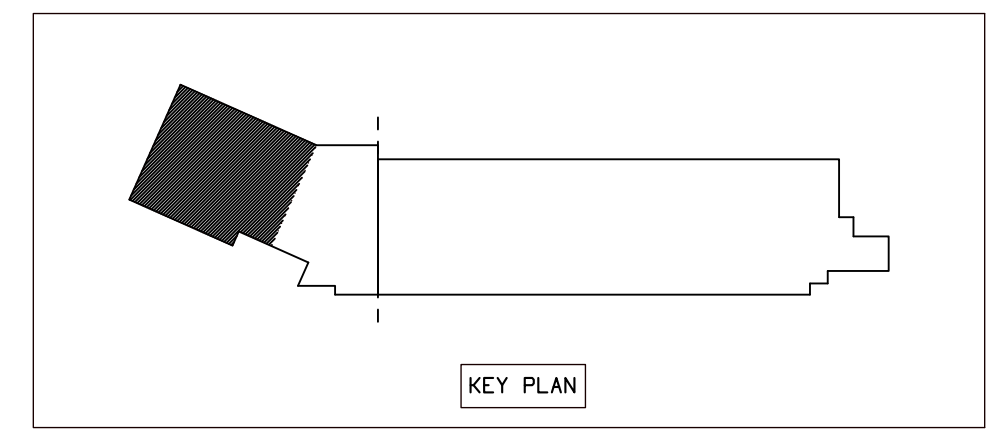


NOTE:  
ALL WELDED THREADED STUDS SHALL HAVE NUTS AND WASHERS  
NO TOP BLOCKING AT TJI FRAMING

1 TYPICAL (2)2x PLATE AT STEEL BEAM E202 (REFER: 1/S6.2)



2 FRAMING AT STEEL BEAM E202 (REFER: 2/S6.2)



PARTIAL CONNECTOR BUILDING SECOND FLOOR FRAMING PLAN

(REFER: S1.C2) SEQ#2 PLAN NORTH

- NOTES:
- TOP OF STEEL ELEVATION: 112-8¾ (U.N.O)
  - ▶ : INDICATES MOMENT CONNECTION
  - ALL FIELD BOLTS ARE ¾"Ø A325N U.N.O
  - : INDICATES SHEAR PLATE LOCATON
  - E.O.S: INDICATES EDGE OF SLAB
  - \* : INDICATES 7/8 DIA A490N BOLTS
  - # : INDICATES THERMAL MOMENT CONNECTION
  - ⊗ : INDICATES ¾ DIA A490TC BOLTS
  - ◻ : USE 1/EM5 TYPICAL DETAIL COLUMN TO EMBED CONN.
  - ◻ : USE TYP DETAIL 1/E201 & 2/E202 FOR NAILER CONN.
  - B.O.A: INDICATES BOTTOM OF ANGLE

WORK THIS SHEET WITH EM5

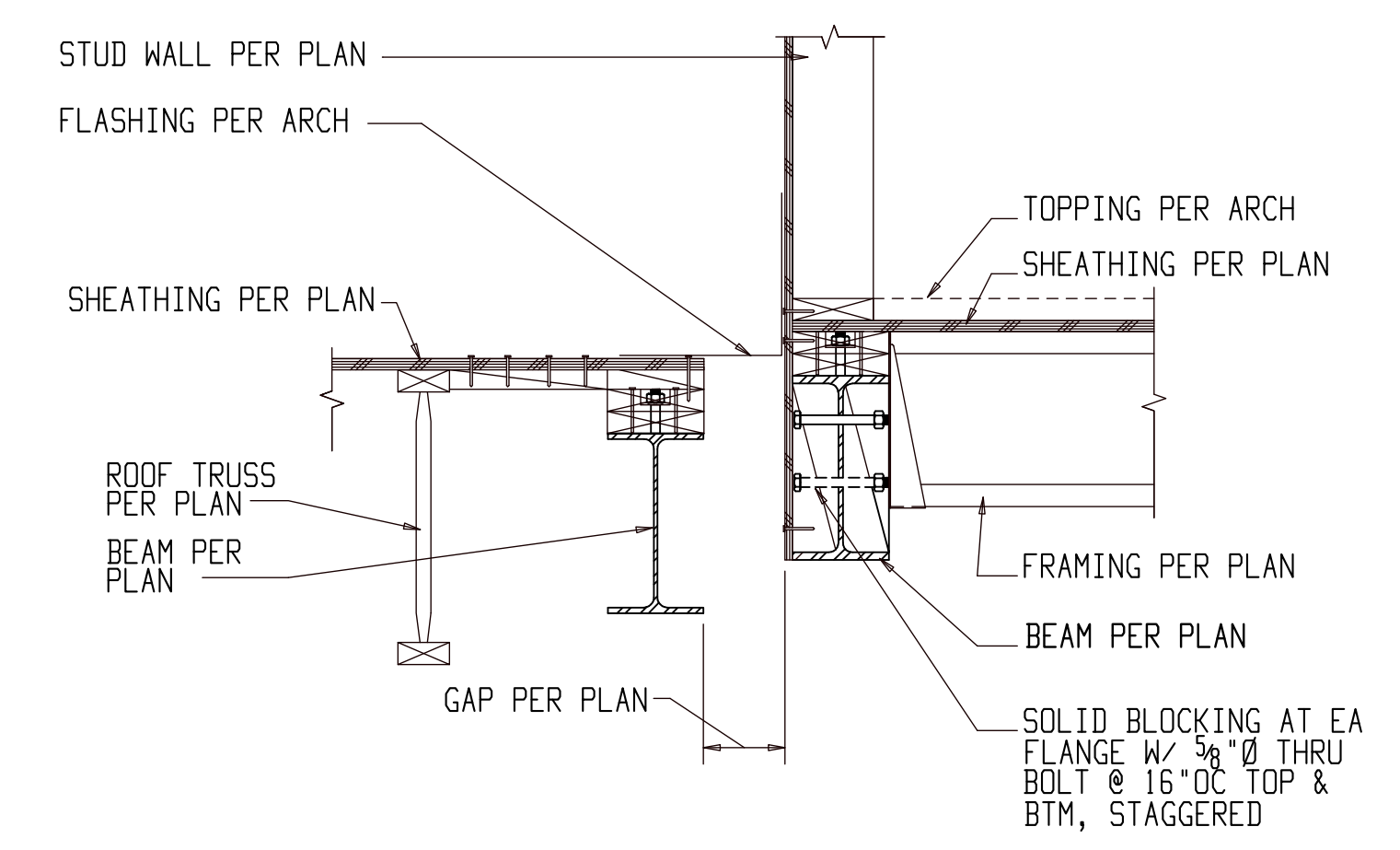
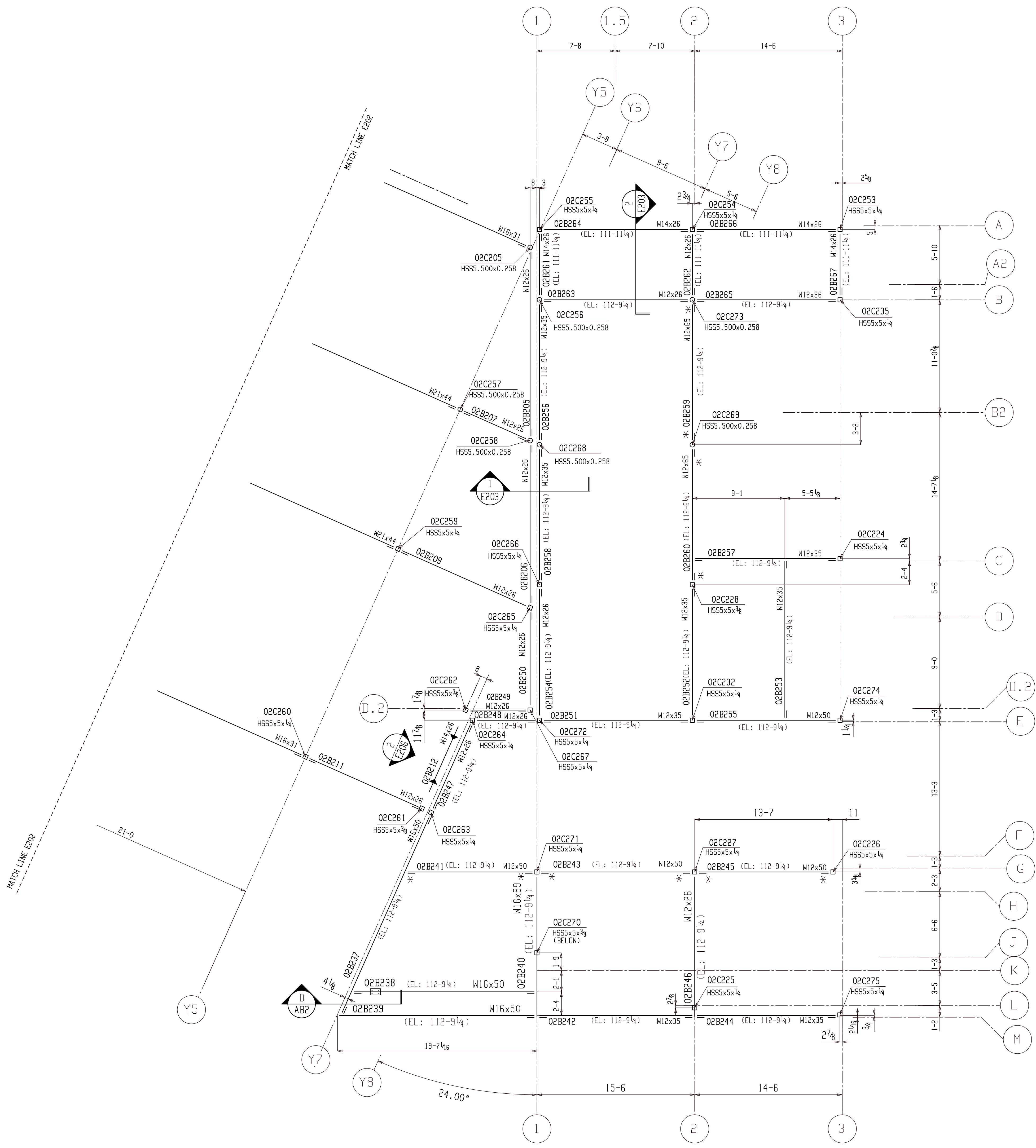
FOR FIELD USE

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

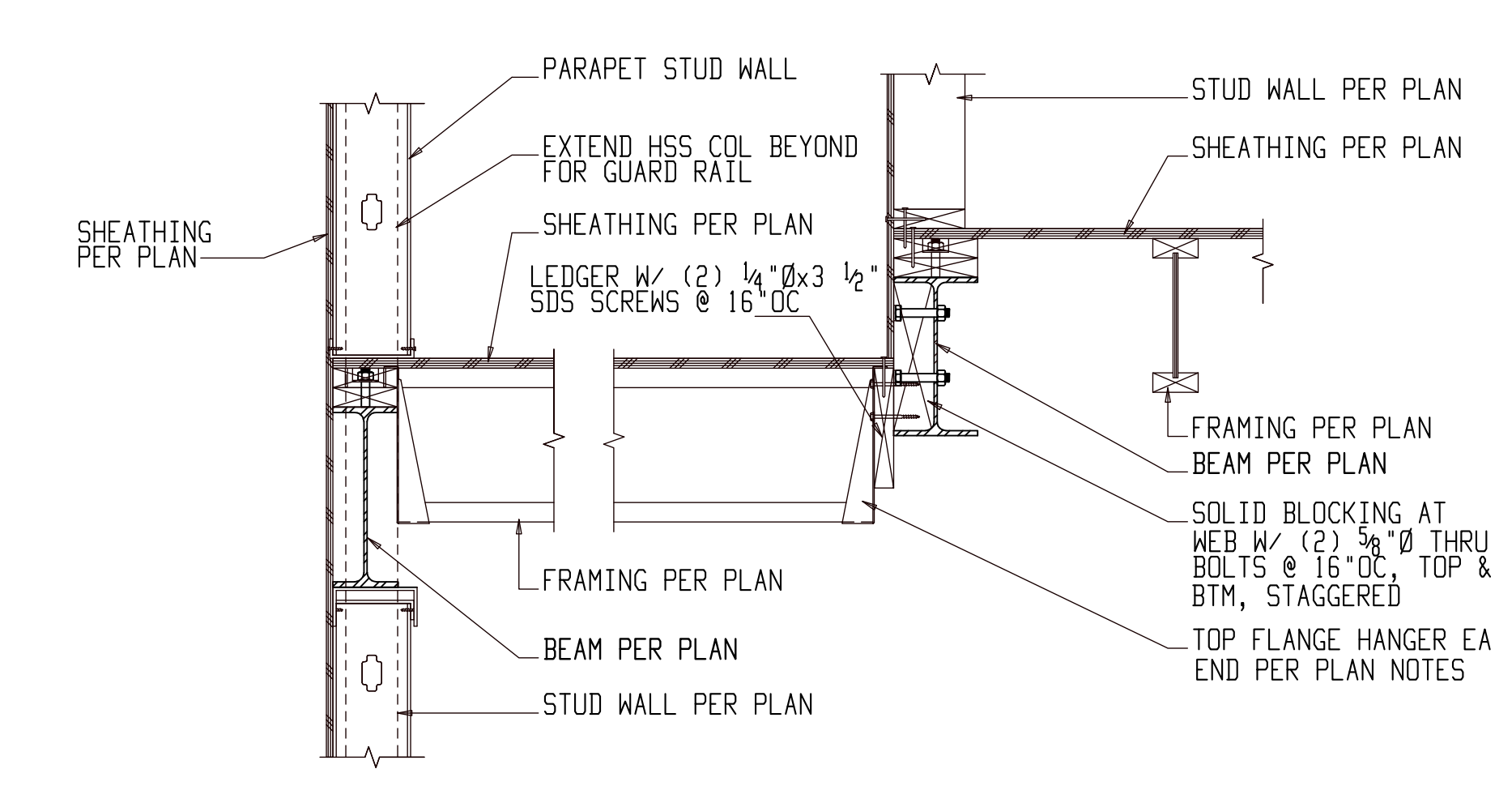
MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET MEMBER TYPE SEQUENCE	
0	For Field Use	07-07-22
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN BY	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			E202





1 SECTION AT LOW ROOF  
E203 (REFER: 9/S6.4)



2 SECTION AT BALCONY  
E203 (REFER: 17/S7.3)

PARTIAL CONNECTOR BUILDING SECOND FLOOR FRAMING PLAN

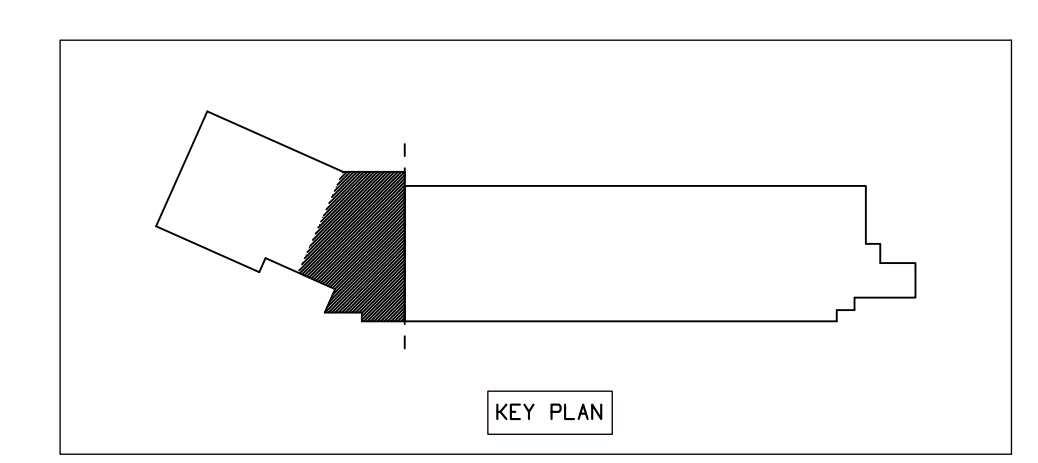
(REFER: S1.C2)

SEQ#2



- NOTES:
1. TOP OF STEEL ELEVATION: 112-8<sup>3</sup>/<sub>8</sub> (U.N.O)
  2. ▴: INDICATES MOMENT CONNECTION
  3. ALL FIELD BOLTS ARE 3/4" Ø A325N U.N.O
  4. —: INDICATES SHEAR PLATE LOCATON
  5. EOS: INDICATES EDGE OF SLAB
  6. \*: INDICATES 7/8 DIA A490N BOLTS
  7. #: INDICATES THERMAL MOMENT CONNECTION
  8. ✱: INDICATES 3/4 DIA A490TC BOLTS
  9. : USE 1/EM5 TYPICAL DETAIL COLUMN TO EMBED CONN.
  10. : USE TYP DETAIL 1/E201 & 2/E202 FOR NAILER CONN.

WORK THIS SHEET WITH AB2, EM5 & E202

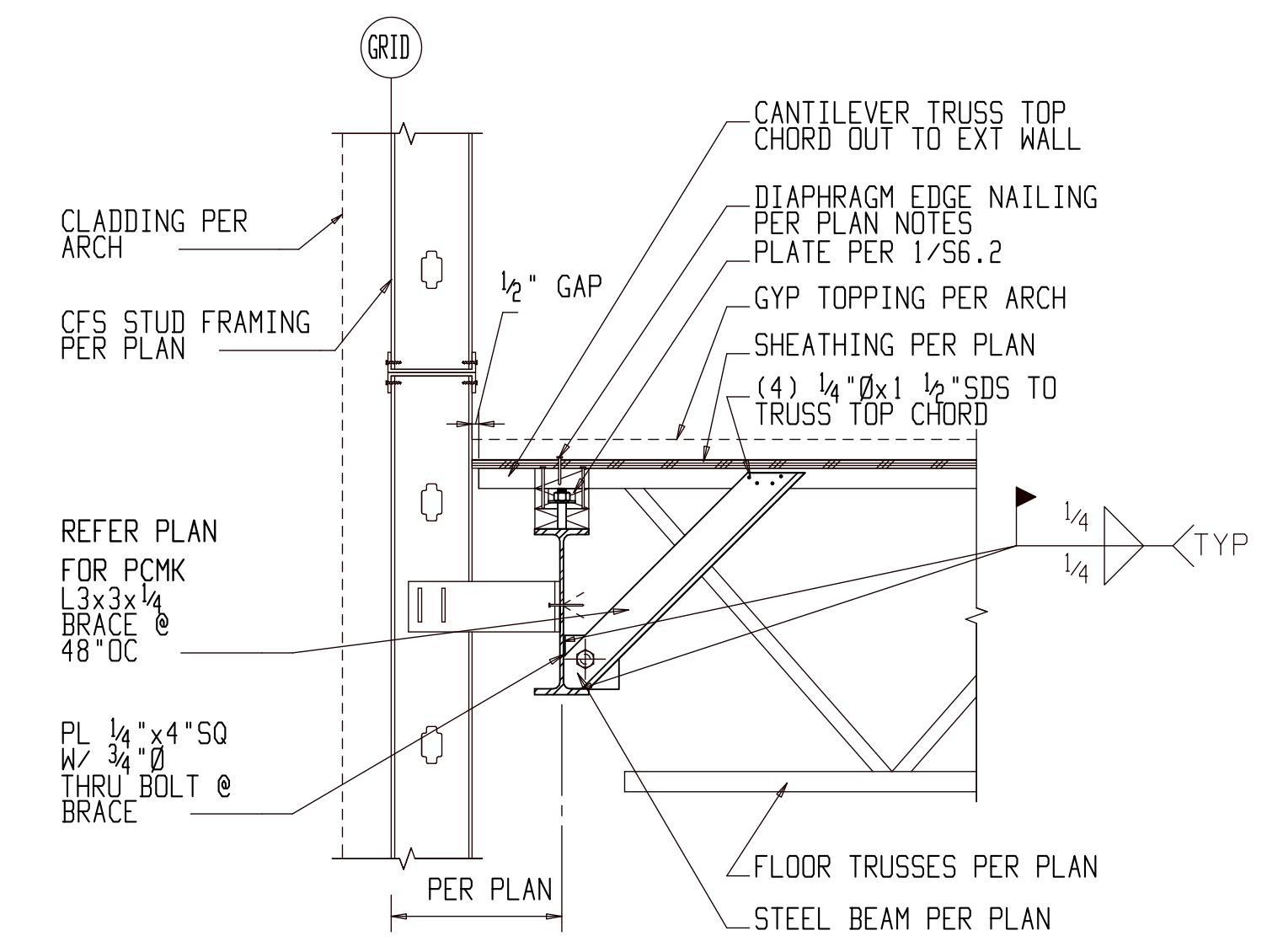
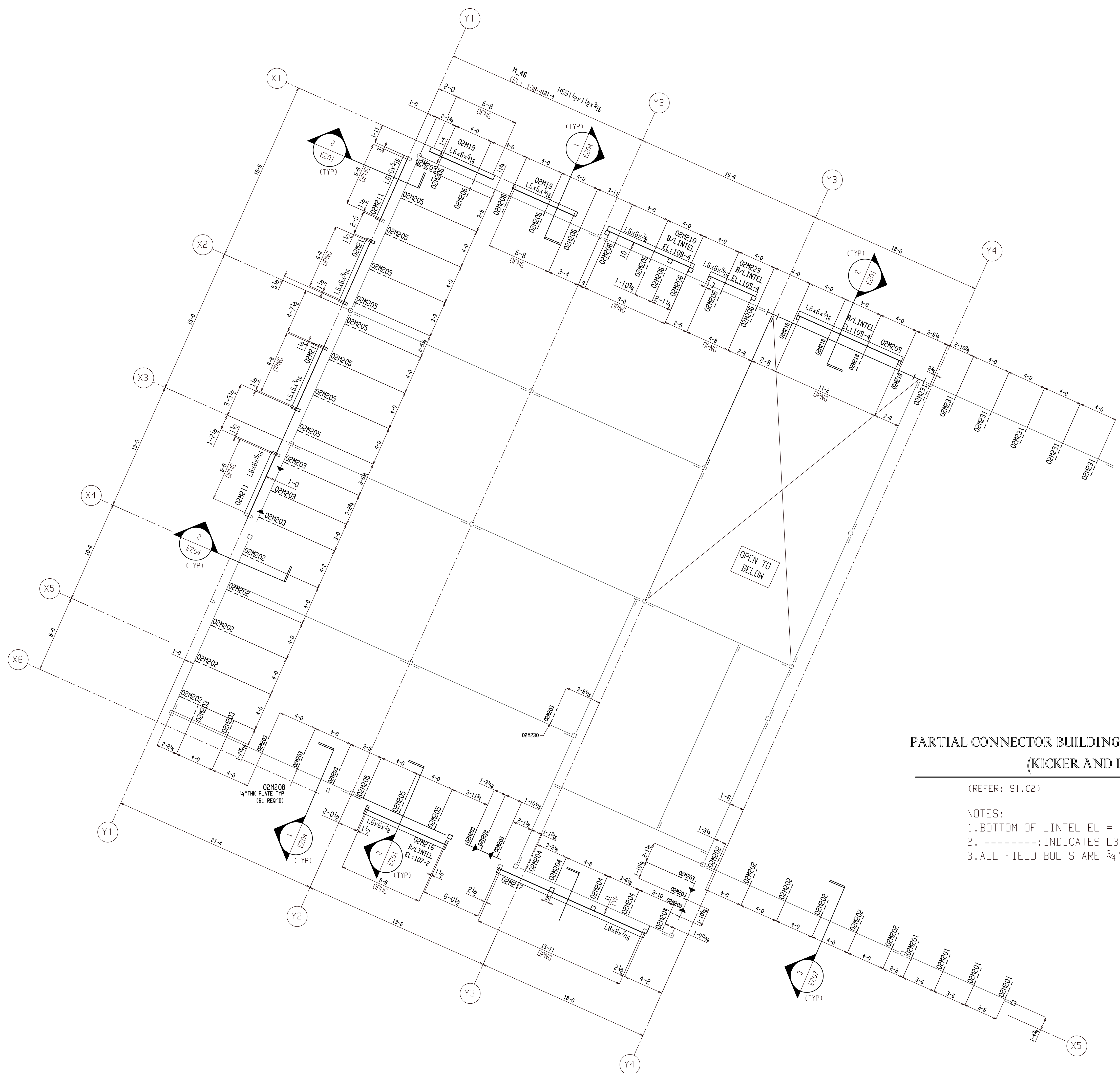


FOR FIELD USE

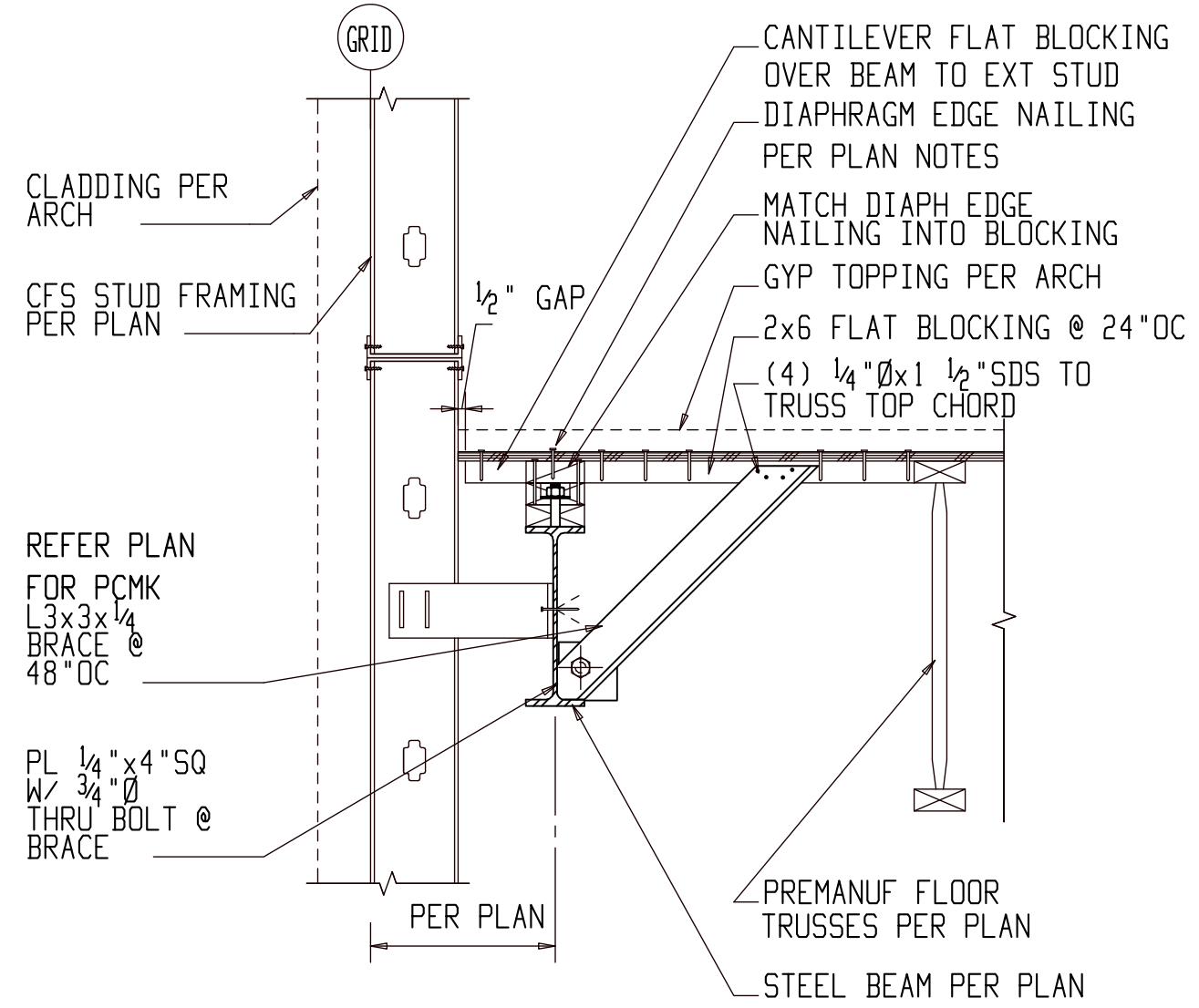
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
OIB1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
0	For Field Use	07-07-22
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			E203



1 FLOOR SECTION AT TRUSS PERP  
E204 (REFER: 10/S6.2)

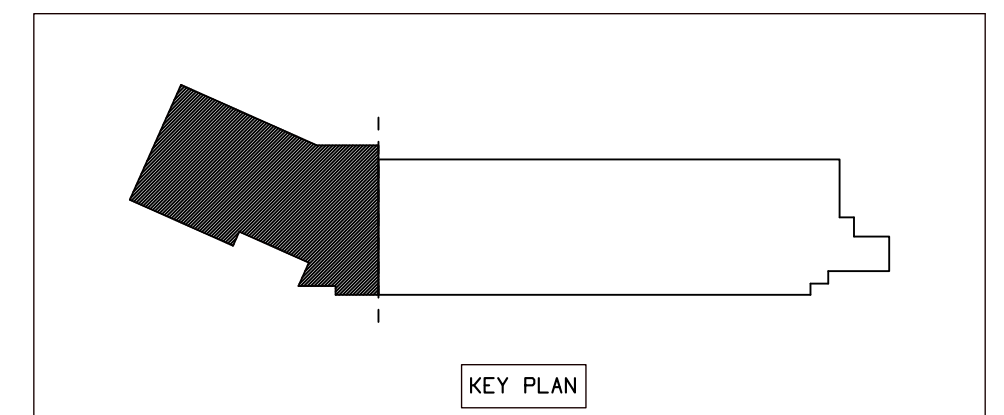


2 FLOOR SECTION AT TRUSS PARALLEL  
E204 (REFER: 11/S6.2)

PARTIAL CONNECTOR BUILDING SECOND FLOOR FRAMING PLAN  
(KICKER AND LINTEL PLAN)

(REFER: S1.C2)

SEQ#2



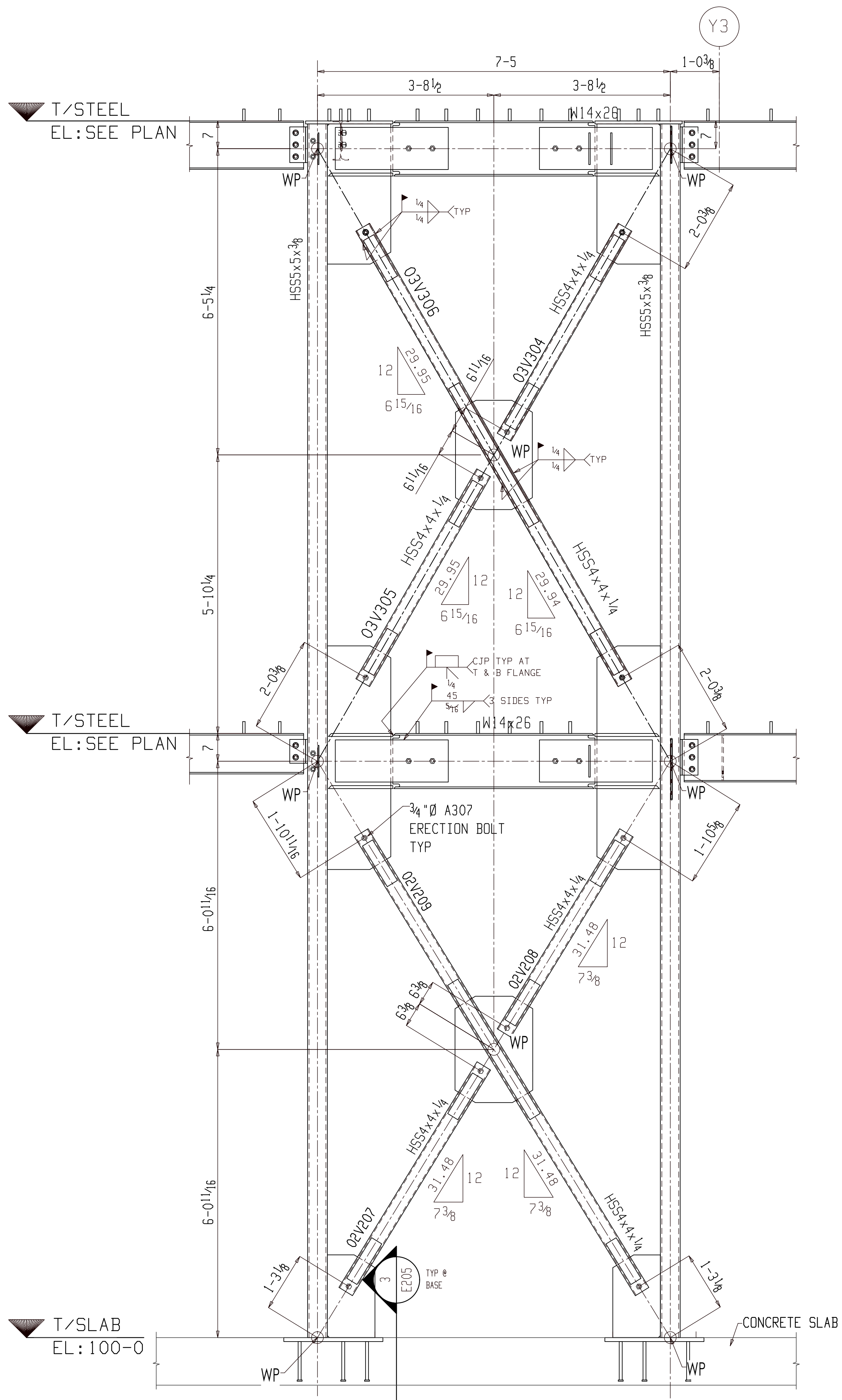
- NOTES:  
 1. BOTTOM OF LINTEL EL = 110-0 (UNO)  
 2. -----: INDICATES L3X3X1/4 KICKER BRACE  
 3. ALL FIELD BOLTS ARE 3/4" Ø A325N BOLTS (UNO)

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

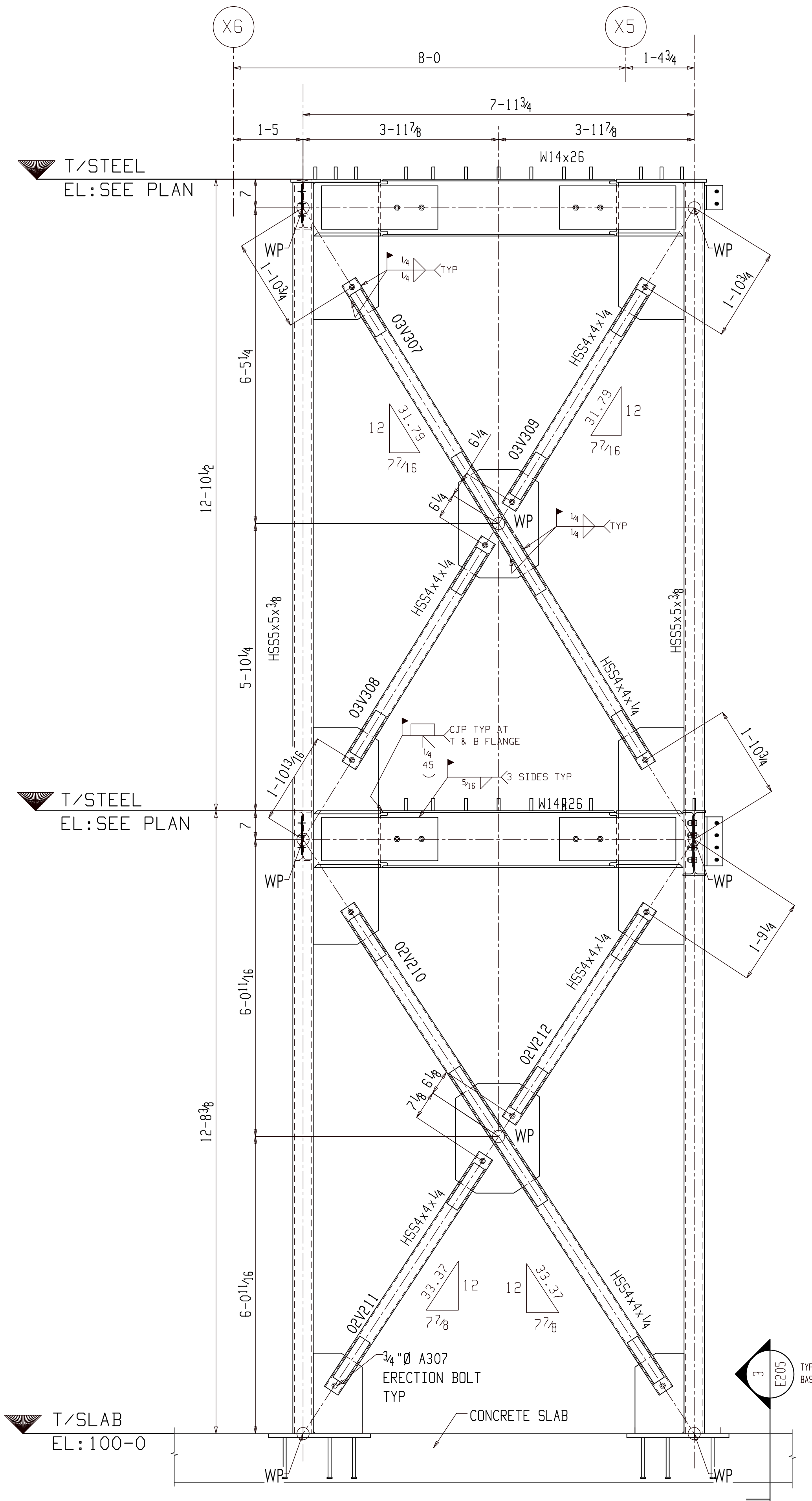
MARKING	DESCRIPTION	DATE
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01B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
0	For Field Use	07-07-22
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO	RY
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN	JOB LOCATION	2210	
SHA	GREAT FALLS, MONTANA		
03-26-21			E204



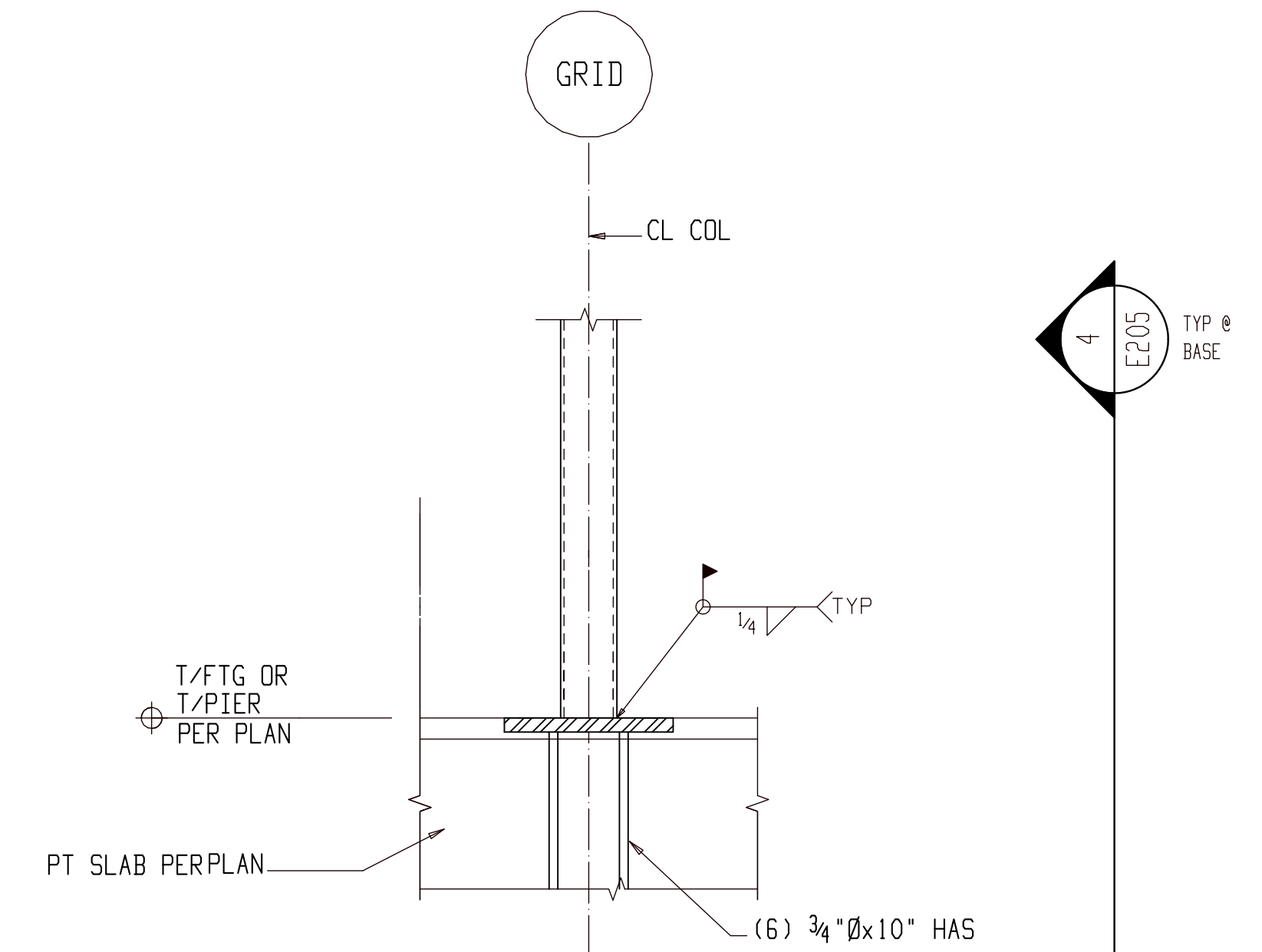
1 ELEVATION VIEW  
E205 (REFER: 7/S6.6)

USE 02M20 @ SECOND FLOOR FOR 1/4" THK BACKING BAR  
USE 03M16 @ ROOF FOR 1/4" THK BACKING BAR



2 ELEVATION VIEW  
E205 (REFER: 10/S6.6)

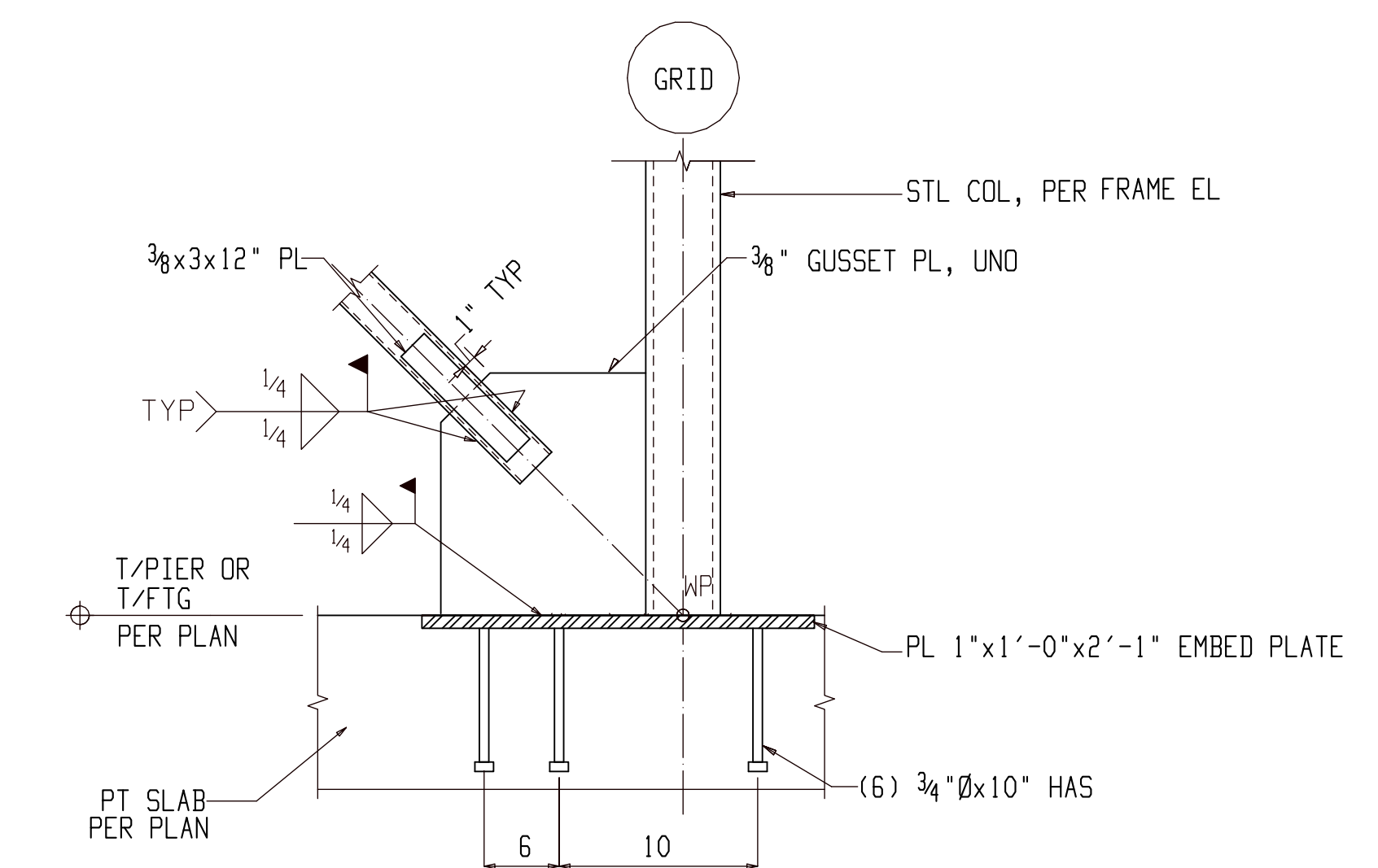
USE 02M20 @ SECOND FLOOR FOR 1/4" THK BACKING BAR  
USE 03M16 @ ROOF FOR 1/4" THK BACKING BAR



3 ORDINARY CONCENTRIC BRACED  
FRAME BASE CONNECTION

E205

(REFER: 1/S6.4)



4 ORDINARY CONCENTRIC BRACED  
FRAME BASE CONNECTION

E205

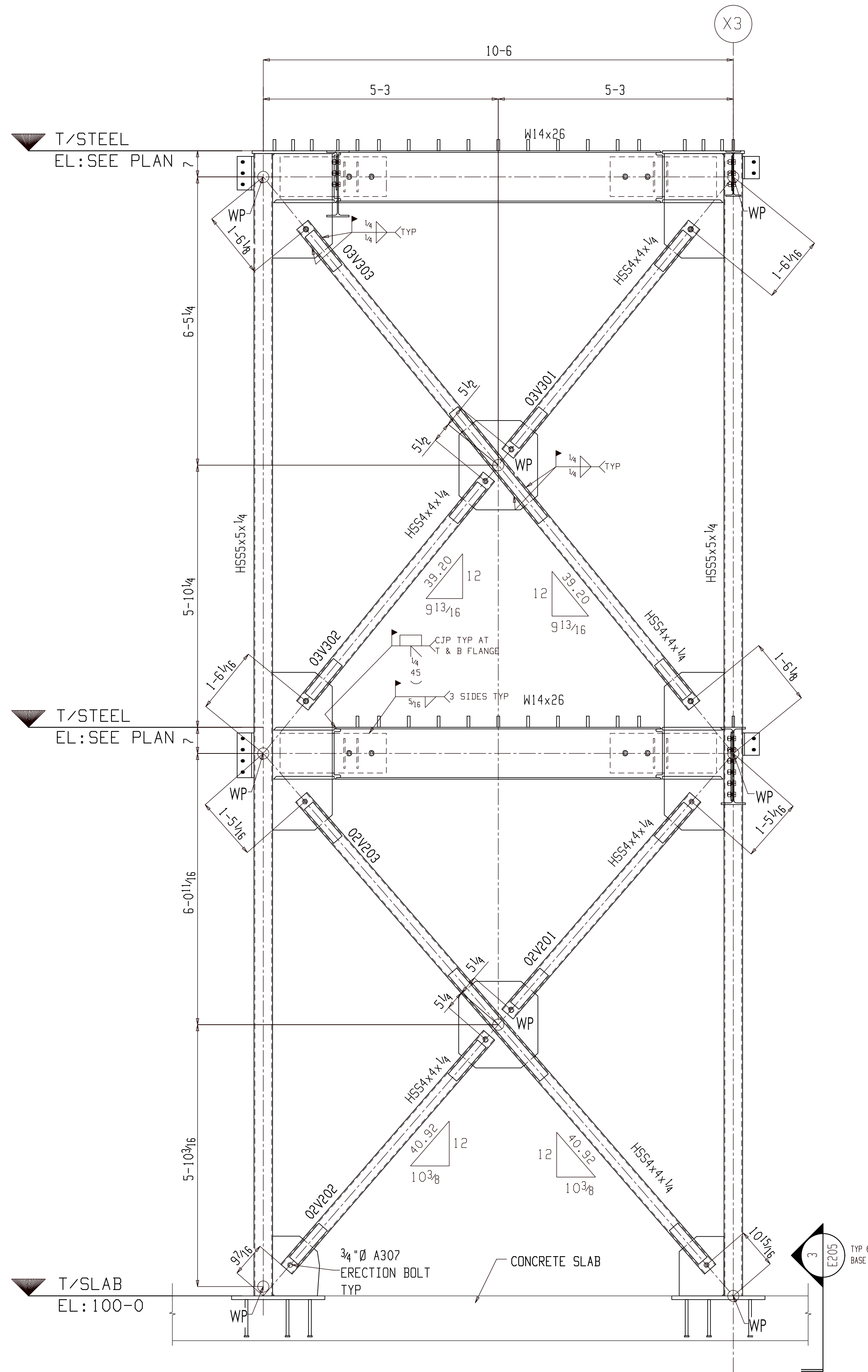
(REFER: 1/S6.4)

FOR FIELD USE

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

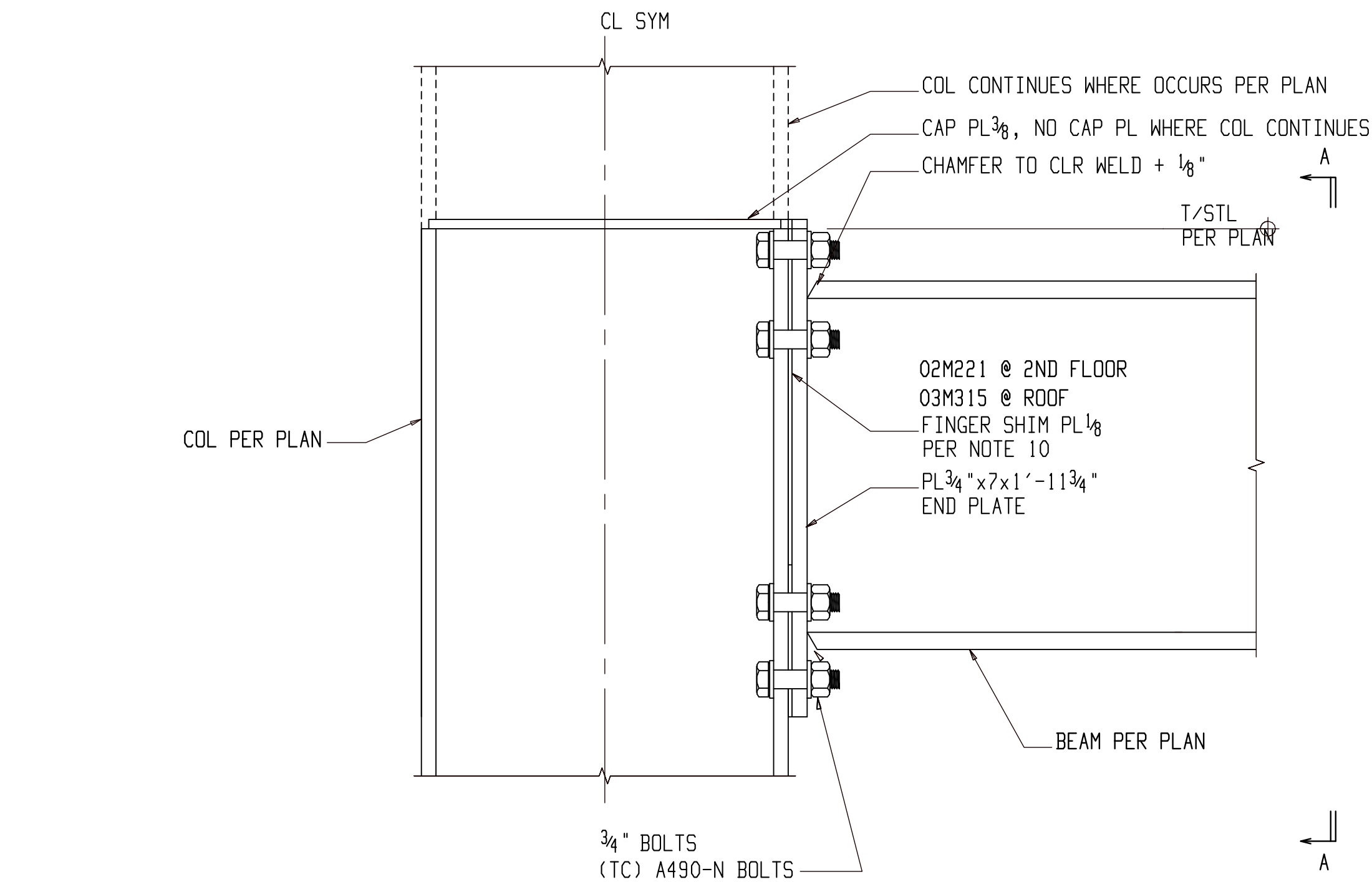
MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

DETAILS	ANU	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	03-26-21	CHECKER	SHA	DWG NO	E205
APPROVED	03-26-21	JOB LOCATION	GREAT FALLS, MONTANA		



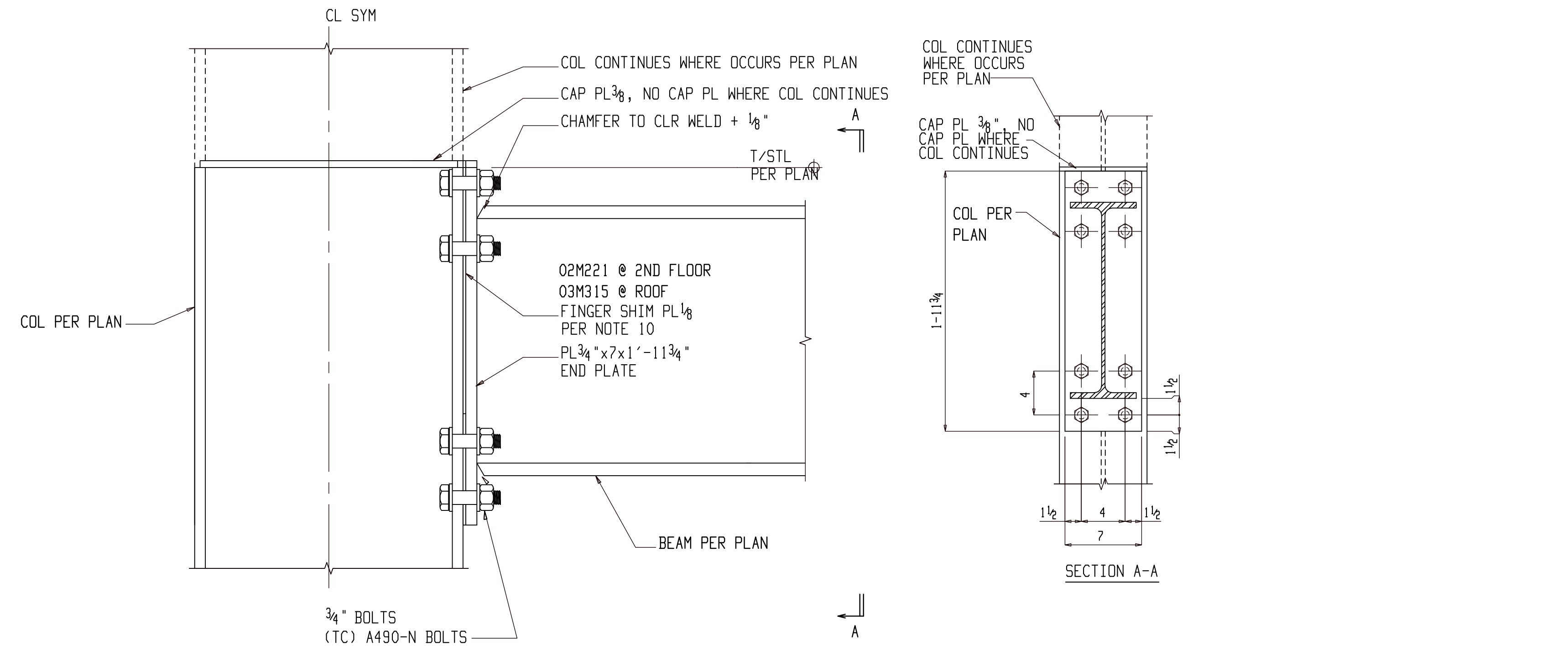
**1** ELEVATION VIEW  
E206 (REFER: 9/S6.6)

USE 02M220 @ SECOND FLOOR FOR 1/4" THK BACKING BAR  
USE 03M316 @ ROOF FOR 1/4" THK BACKING BAR



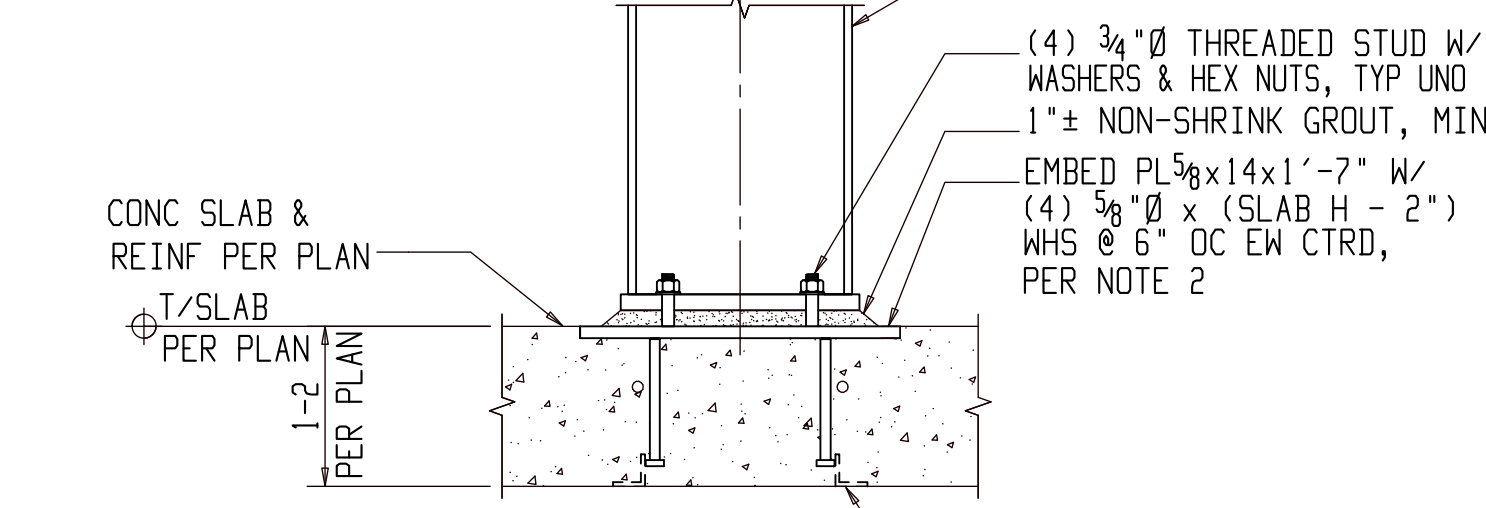
**2** ELEVATION VIEW  
E206 (REFER: 8/S6.6)

USE 02M220 @ SECOND FLOOR FOR 1/4" THK BACKING BAR  
USE 03M316 @ ROOF FOR 1/4" THK BACKING BAR



**3** MOMENT FRAME BEAM TO COLUMN CONNECTION  
E206 (REFER: 17/S6.4)

- NOTES:
- DO NOT WELD IN "K" REGION OF COLUMN.
  - "T" EQUALS DIMENSION BETWEEN "K" REGIONS PER AISC.



- NOTES:
- CONTRACTOR'S OPTION: MAY WELD COLUMN AND BASEPLATE DIRECTLY TO EMBEDDED PLATE WITHOUT THREADED STUDS AND GROUT.
  - WELDED HEADED STUDS LONGER THAN 8" SHALL BE PIGGYBACKED PER MANUFACTURER'S RECOMMENDATIONS.

TYPICAL AT ELEVATED SLAB  
**4** TYPICAL BASEPLATE - WIDE FLANGE COLUMN  
E206 (REFER: 16/S6.4)

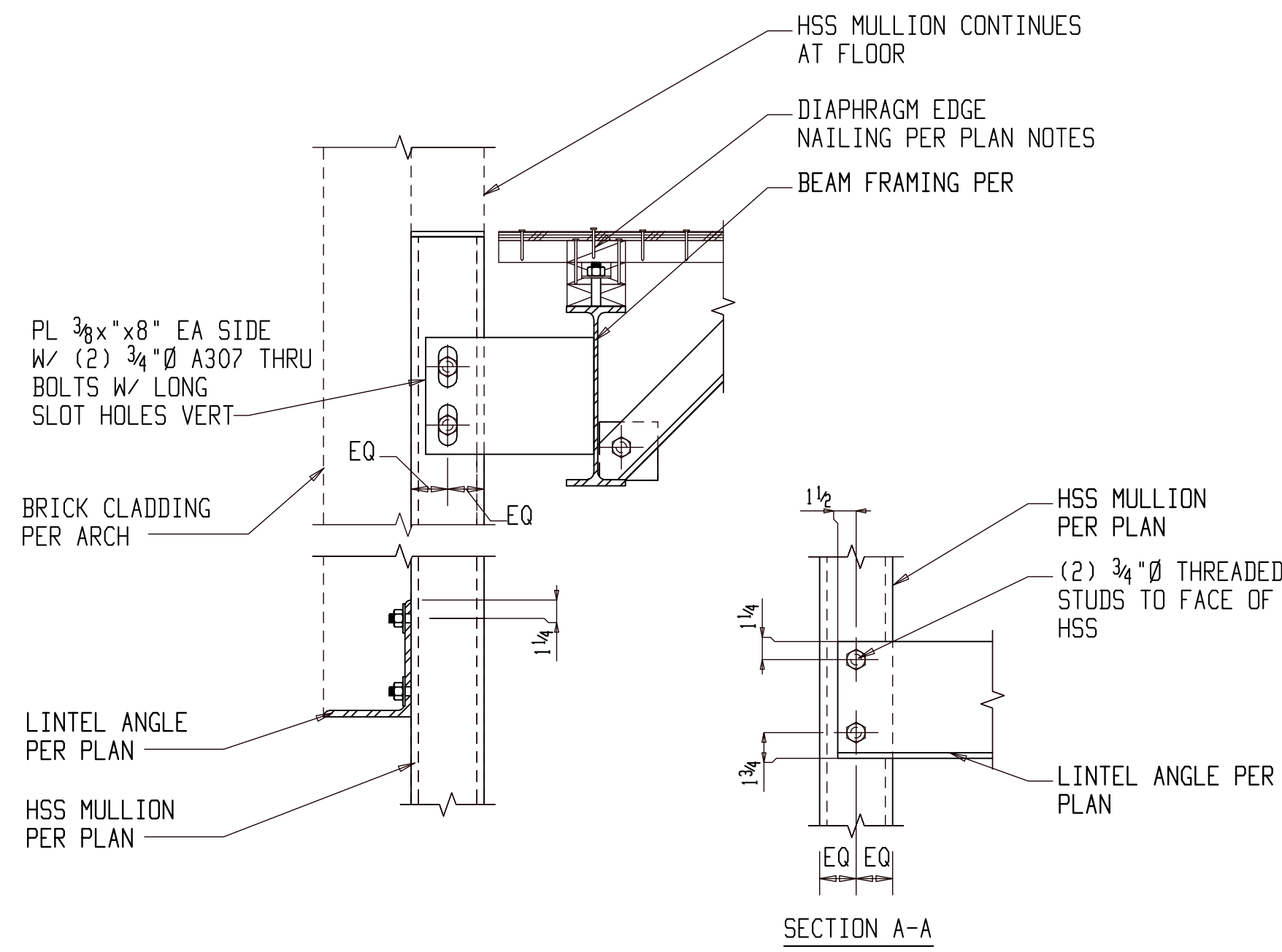
**FOR FIELD USE**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

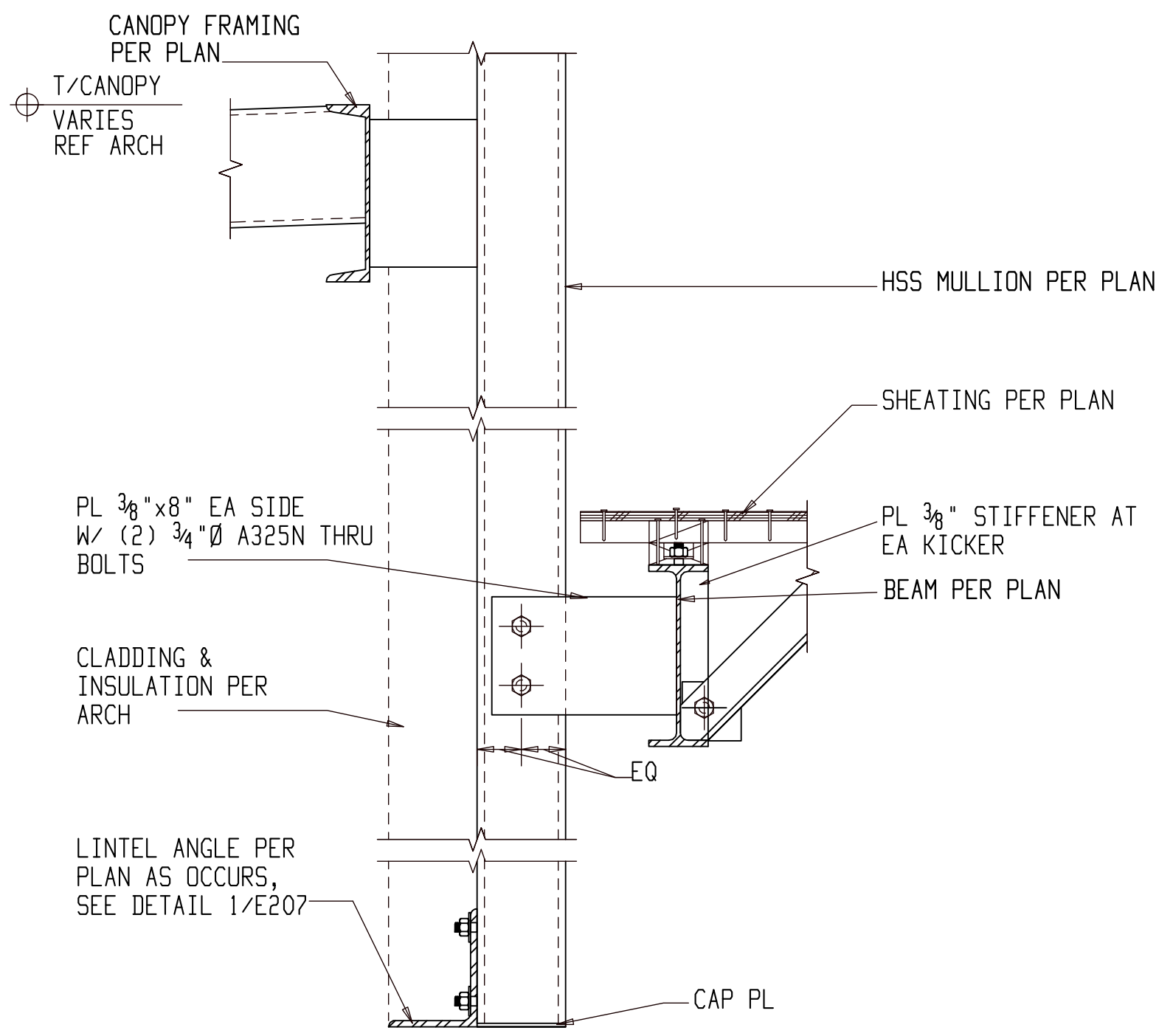
MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET MEMBER TYPE SEQUENCE	

REV	DESCRIPTION	DATE
A	For Approval	05-06-22

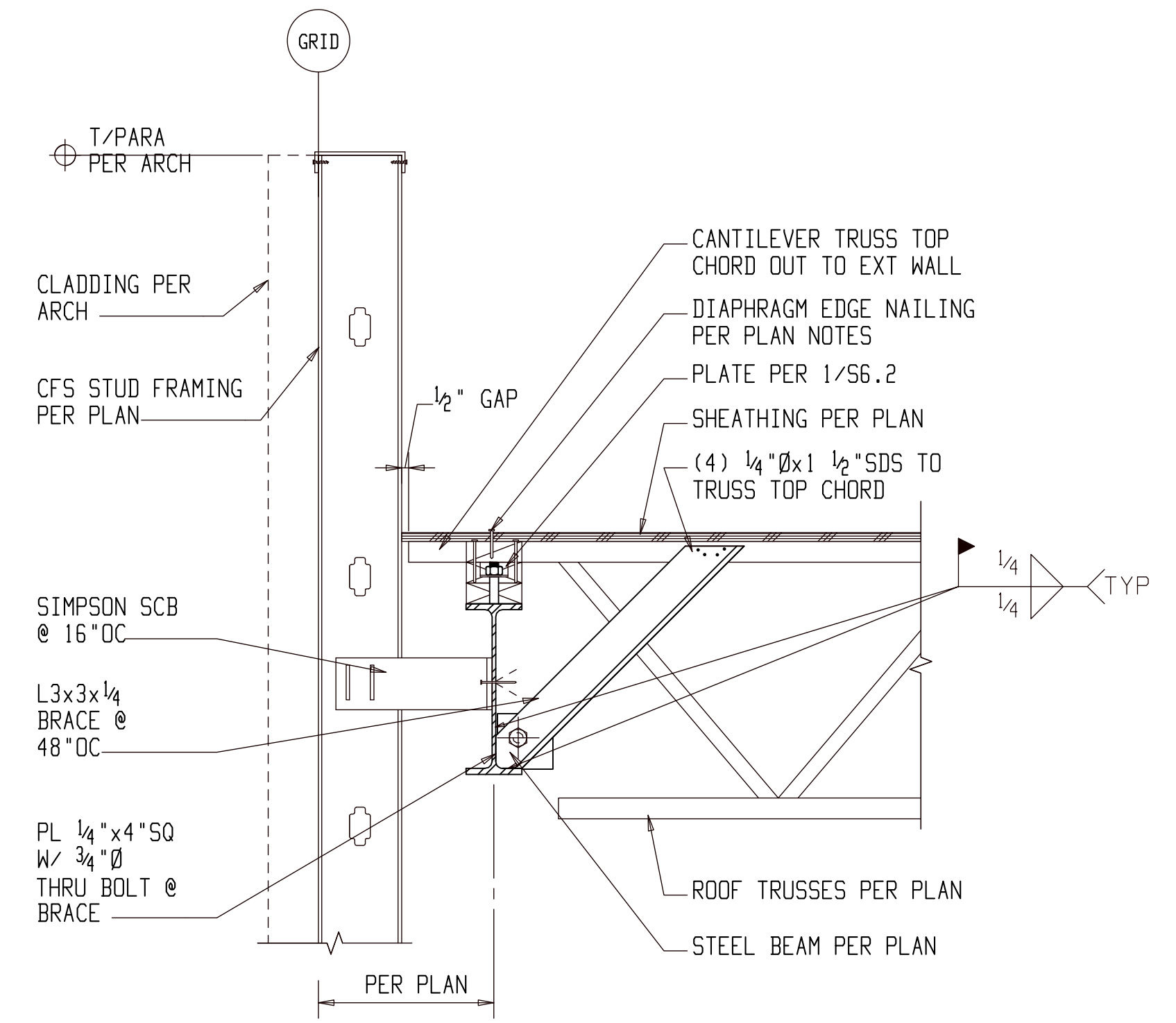
DATE	BY	PROJECT NO.	REV
03-26-21	AJU	MILWAUKEE STATION APARTMENTS	2210
03-26-21	SHA	GREAT FALLS, MONTANA	E206



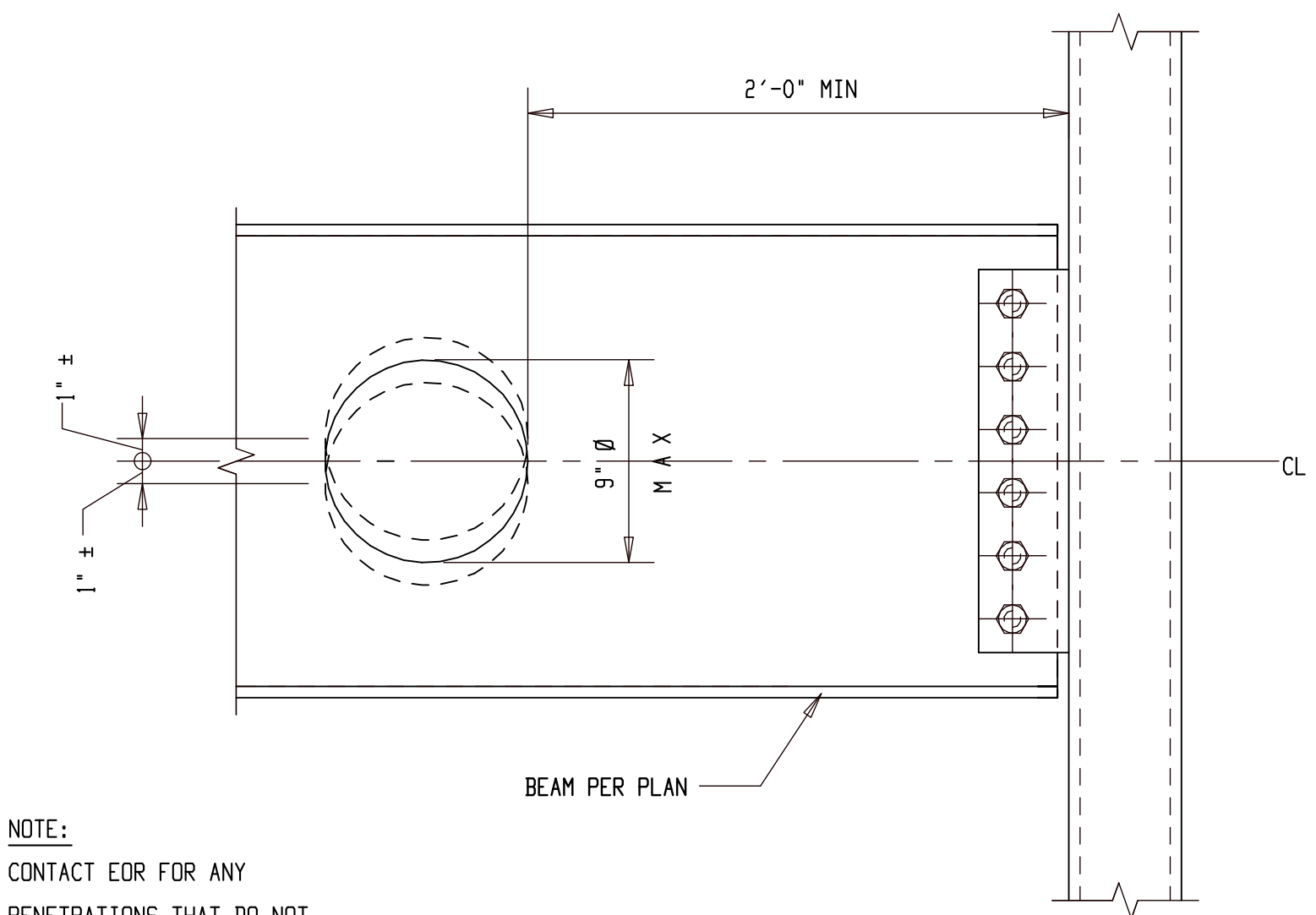
1 SECTION AT LINTEL ANGLE  
E207 (REFER: 16/S6.2)



2 DISCONTINUOUS MULLION AT CANOPY  
E207 (REFER: 8/S6.4)



3 LOW ROOF SECTION AT TRUSS PERP  
E207 (REFER: 12/S6.2)



NOTE:  
CONTACT EDR FOR ANY  
PENETRATIONS THAT DO NOT  
MEET THESE REQUIREMENTS.  
PENETRATIONS NEED TO BE  
INDIVIDUALLY CHECKED

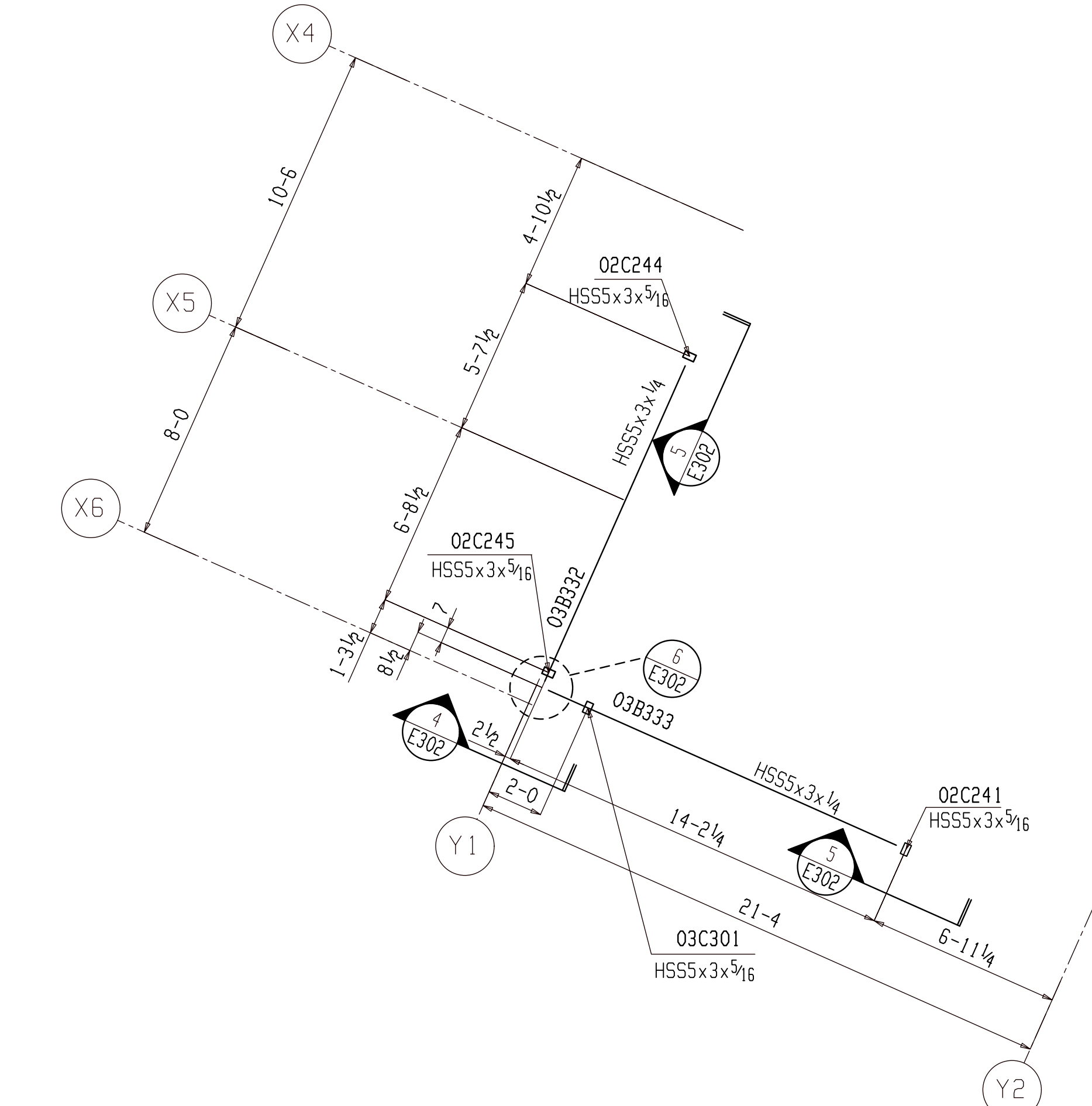
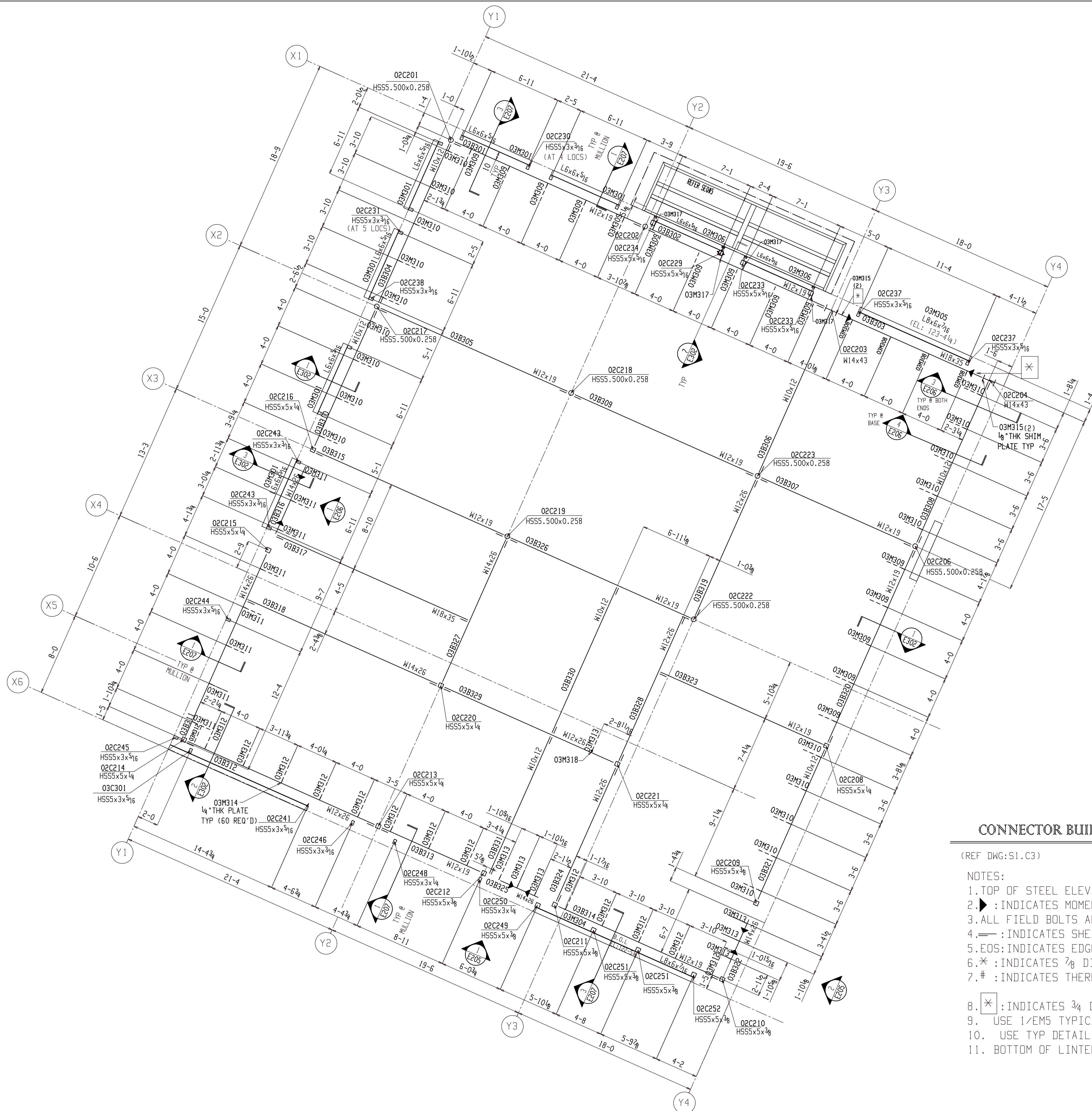
4 DUCT PENETRATION AT W-BEAM  
E207 (REFER: 14/S6.3)

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

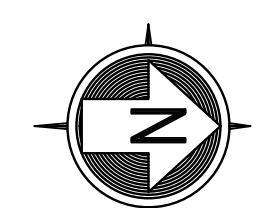
GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
CHECKER	JOB LOCATION	DATE	
SHA	GREAT FALLS, MONTANA	05-06-22	
APPROVED			E207



**PARAPET FRAMING PLAN AT ROOF**

(REF. DWG: S1.C3)

SEQ#3



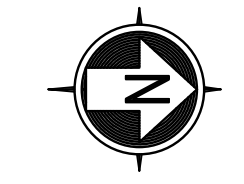
PLAN NORTH

- NOTES:  
 1. TOP OF STEEL ELEVATION: 130-6 (U.N.O)

**CONNECTOR BUILDING ROOF FRAMING PLAN**

(REF DWG: S1.C3)

SEQ#3



PLAN NORTH

- NOTES:  
 1. TOP OF STEEL ELEVATION: 125-6 7/8 (U.N.O)  
 2. : INDICATES MOMENT CONNECTION  
 3. ALL FIELD BOLTS ARE 3/4" DIA A325N U.N.O  
 4. : INDICATES SHEAR PLATE LOCATION  
 5. EOS: INDICATES EDGE OF SLAB  
 6. \* : INDICATES 7/8" DIA A490N BOLTS  
 7. # : INDICATES THERMAL MOMENT CONNECTION  
 8. DIA A490TC BOLTS: a square with an asterisk inside.  
 9. USE 1/EM5 TYPICAL DETAIL COLUMN TO EMBED CONN.  
 10. USE TYP DETAIL 1/E201 & 2/E202 FOR NAILER CONN.  
 11. BOTTOM OF LINTEL ANGLE ELEVATION: 123-4 1/4 (U.N.O)

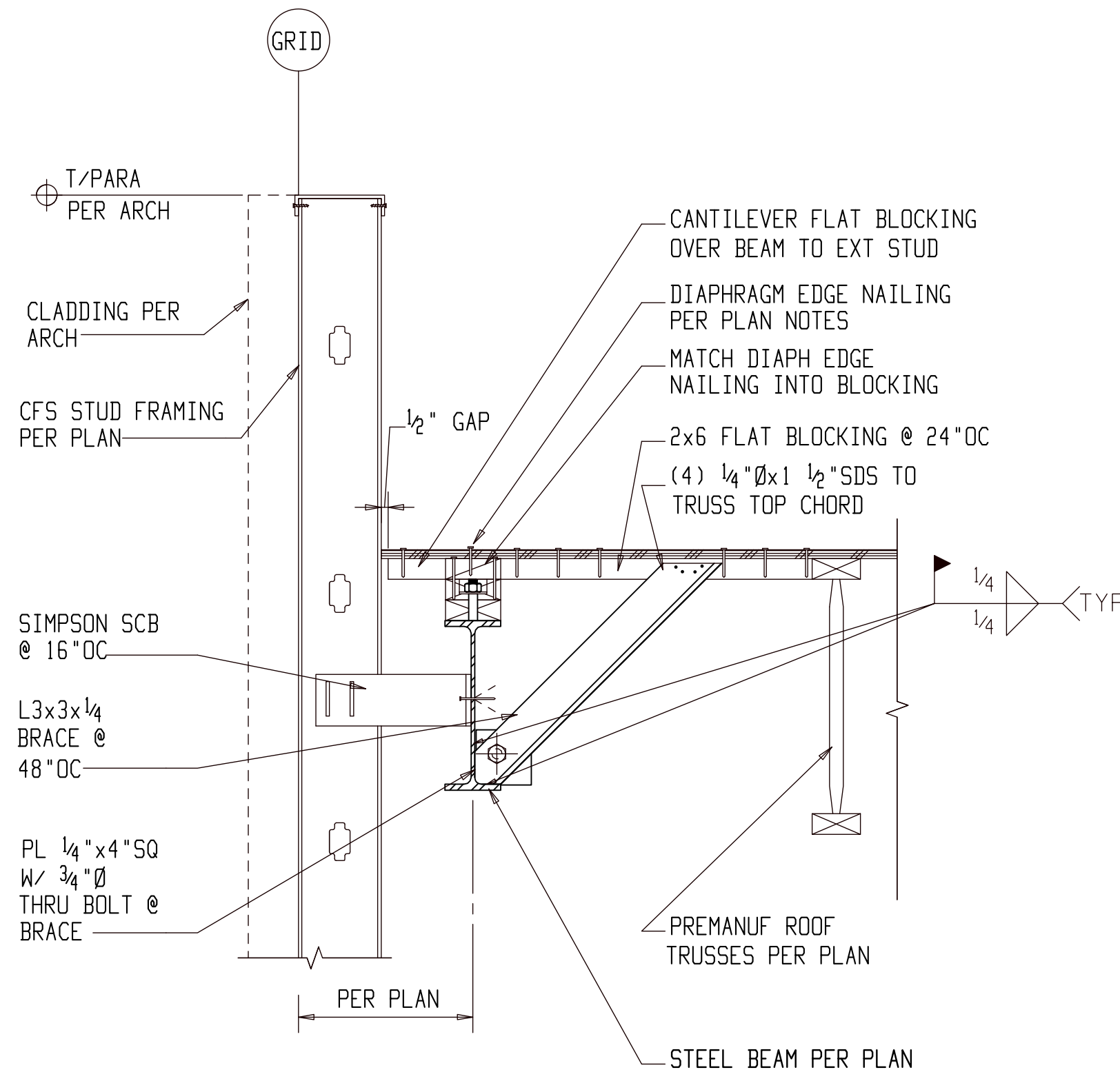
WORK THIS SHEET WITH E205, E206 & E207

**FOR FIELD USE**

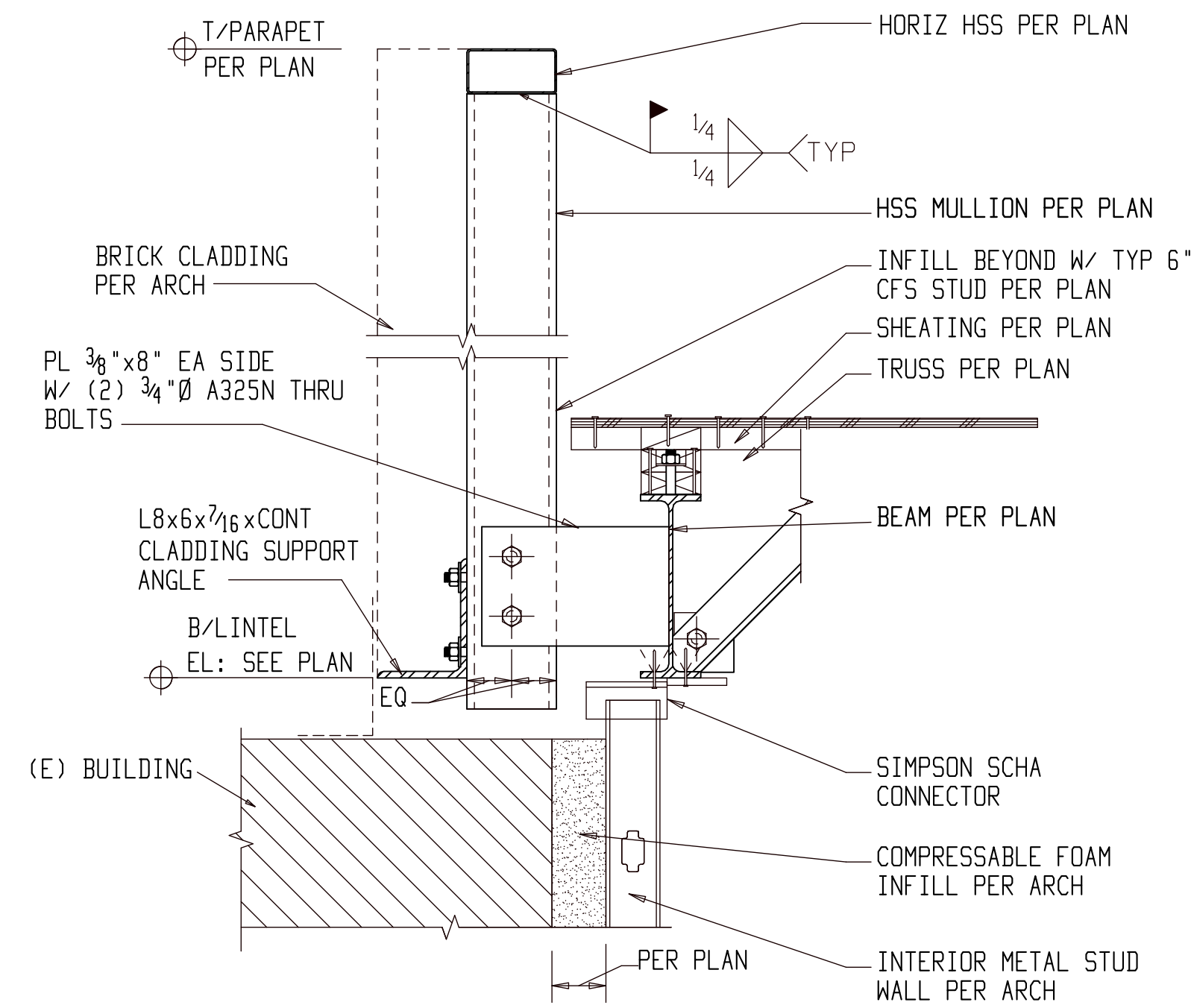
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

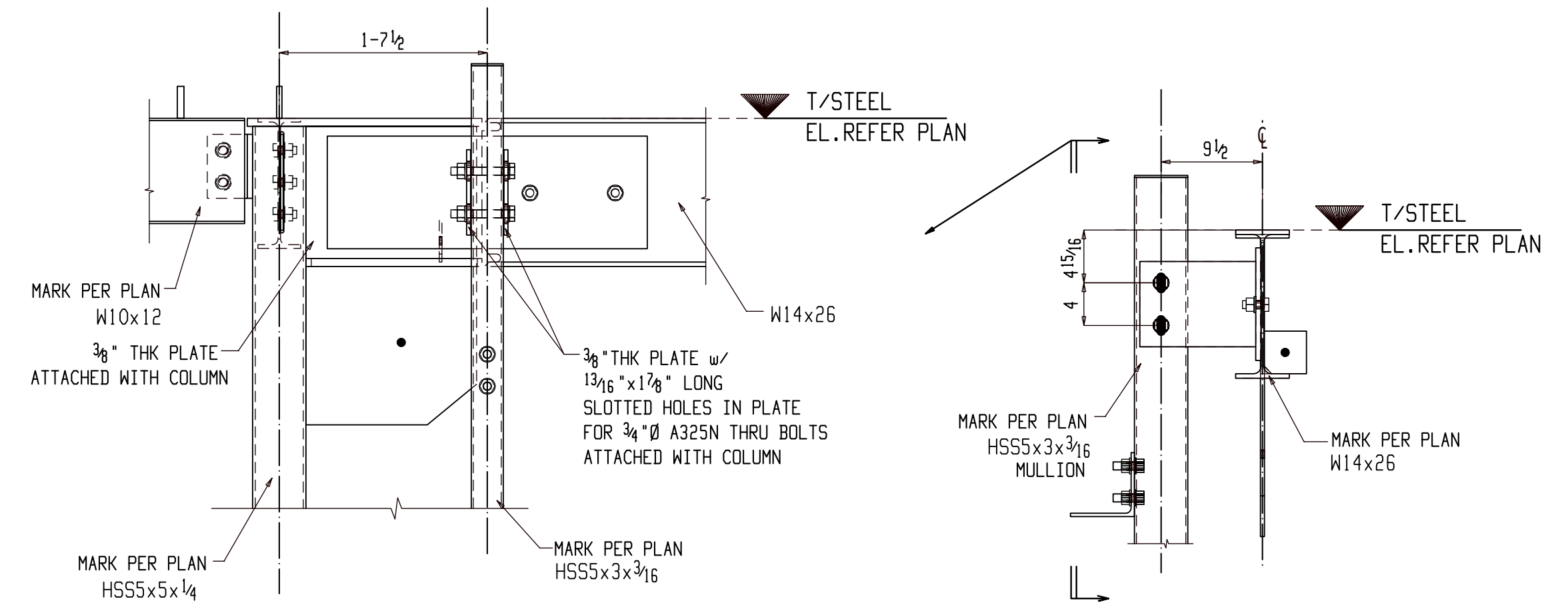
DATE	BY	DESCRIPTION
03-26-21	SHA	DESIGN
03-26-21	SHA	CHECKER
03-26-21	SHA	APPROVED



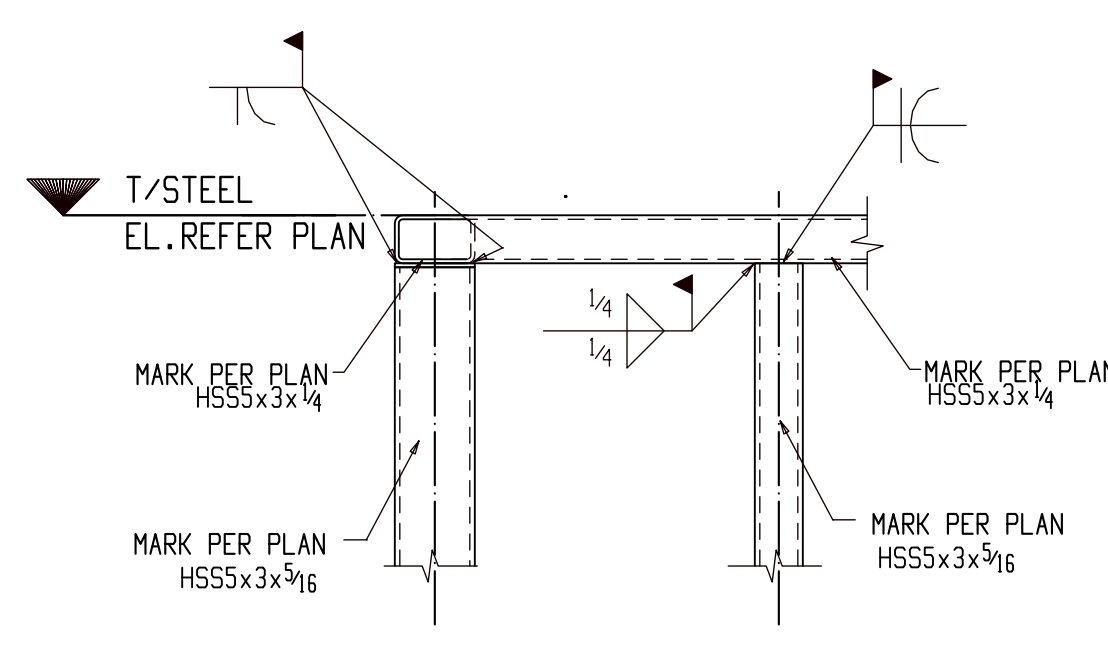
1 ROOF SECTION AT TRUSS PARALLEL  
E302 (REFER: 13/S6.2)



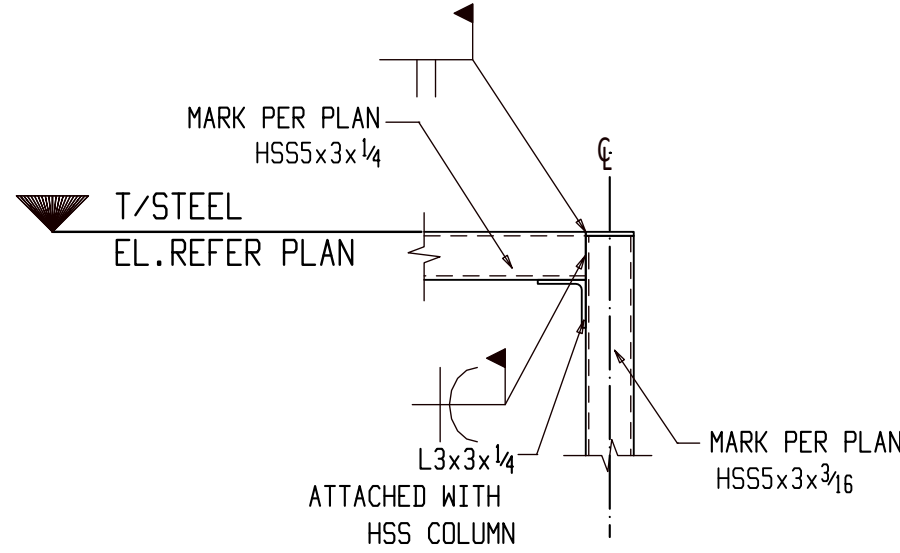
2 PARAPET AT EXISTING BUILDING  
E302 (REFER: 15/S6.3)



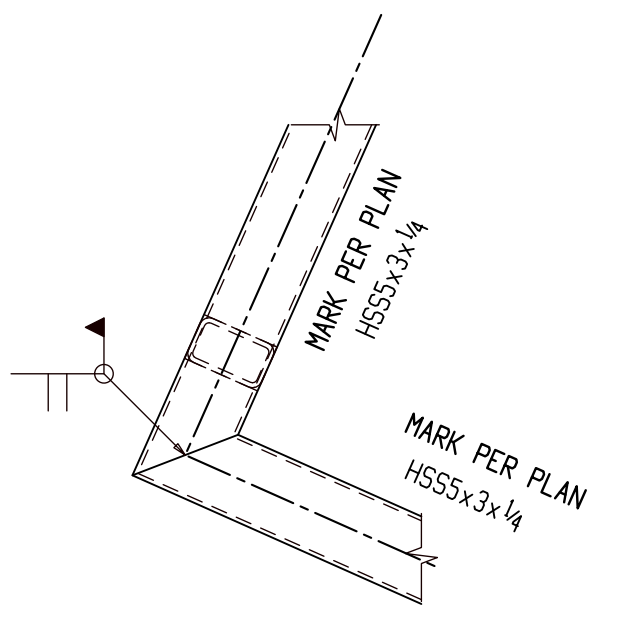
3 SECTION  
E302



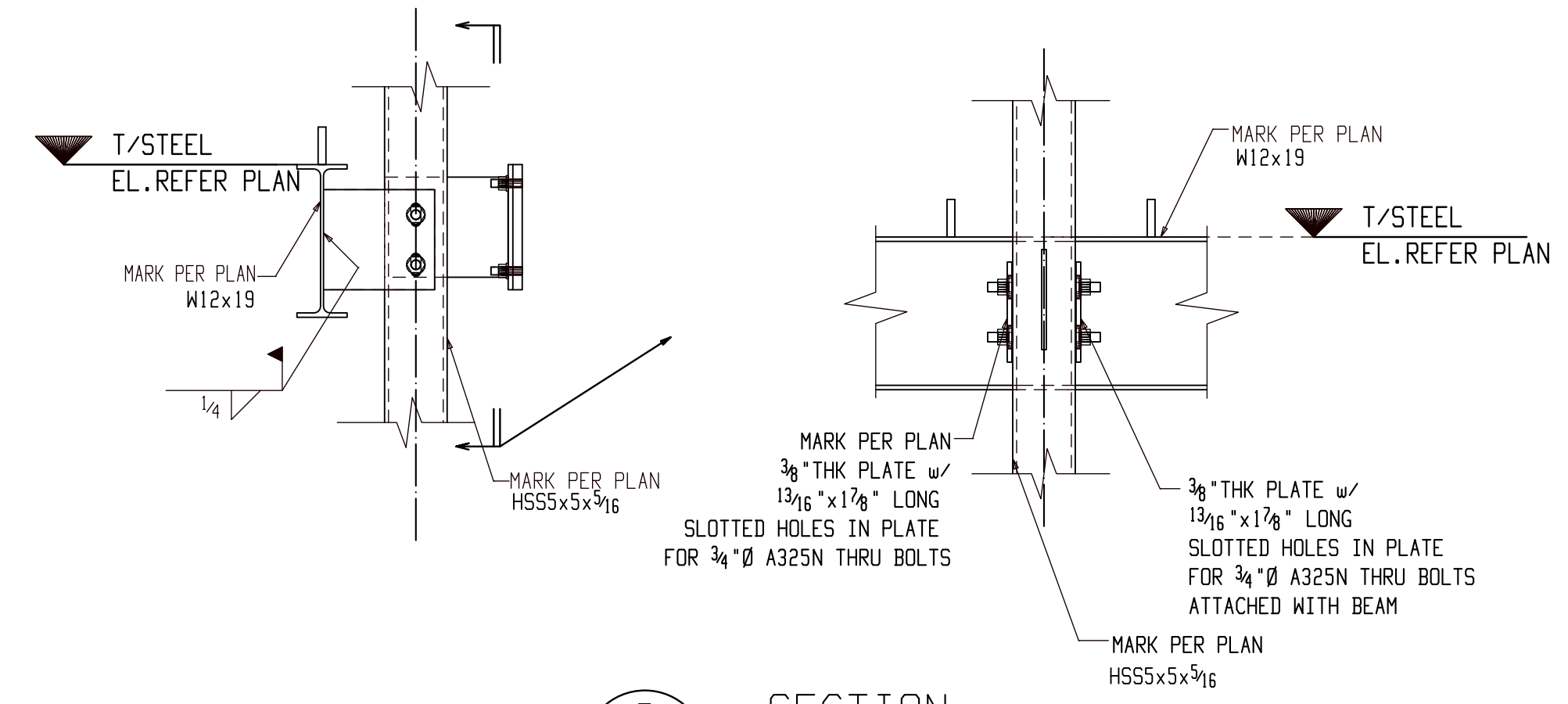
4 SECTION  
E302



5 SECTION  
E302



6 SECTION  
E302



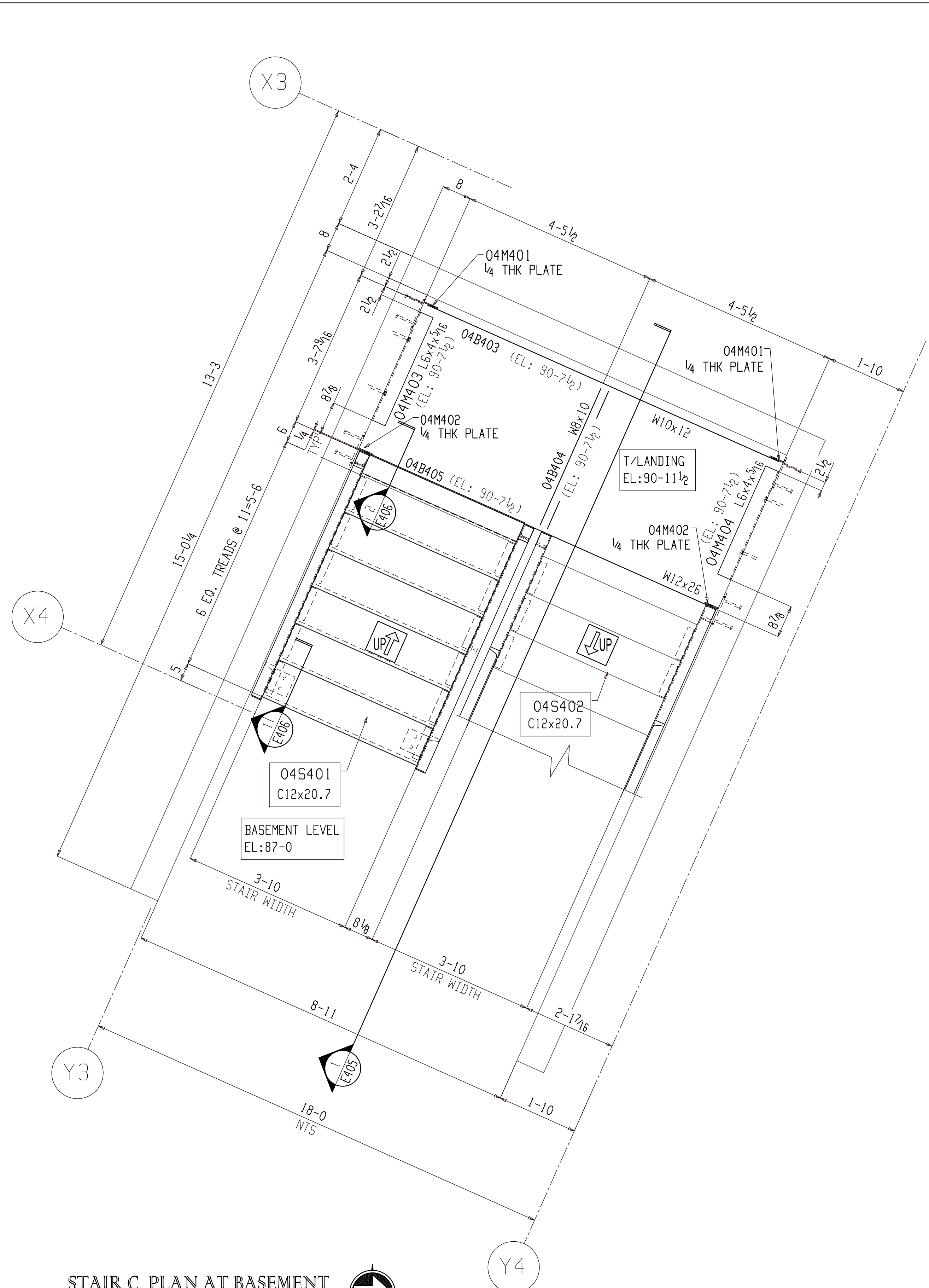
7 SECTION  
E302

FOR FIELD USE

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE		
MARKING		
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
REV	DESCRIPTION	DATE
A	For Approval	05-06-22

GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			E302



**STAIR C PLAN AT BASEMENT**

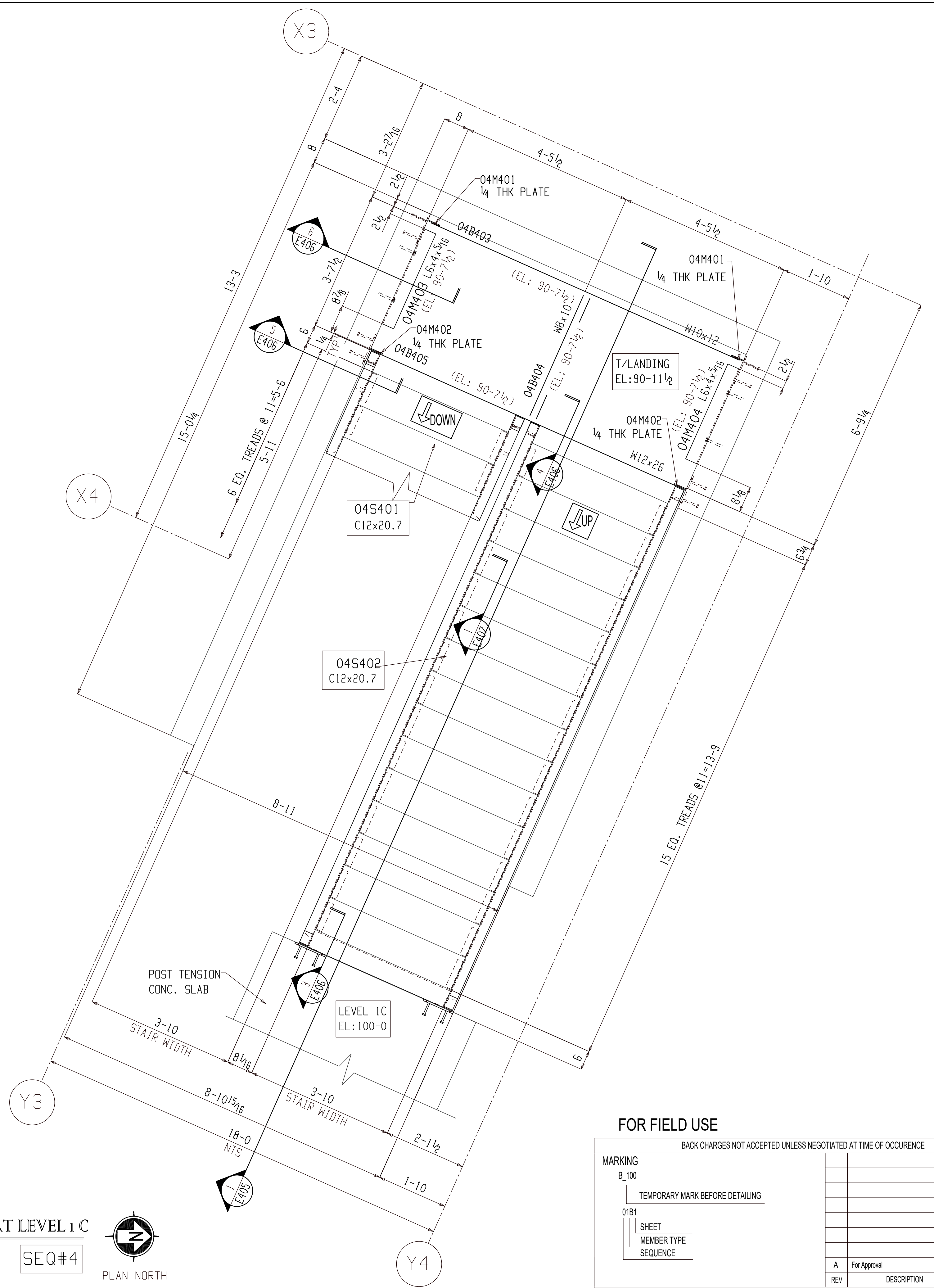
(REFER: A3.7)

SEQ#4



PLAN NORTH

- NOTES:
1. ——— INDICATES SHEAR PLATE LOCATON
  2. NTS: INDICATES NOT TO SCALE
  3. TOP OF STEEL ELEVATION AS SHOWN
  4. ALL BOLTS ARE 3/4" DIA A325N U.N.O.



**STAIR C PLAN AT LEVEL 1C**

(REFER: A3.7)

SEQ#4



PLAN NORTH

- NOTES:
1. ——— INDICATES SHEAR PLATE LOCATON
  2. NTS: INDICATES NOT TO SCALE
  3. TOP OF STEEL ELEVATION AS SHOWN
  4. ALL BOLTS ARE 3/4" DIA A325N U.N.O.

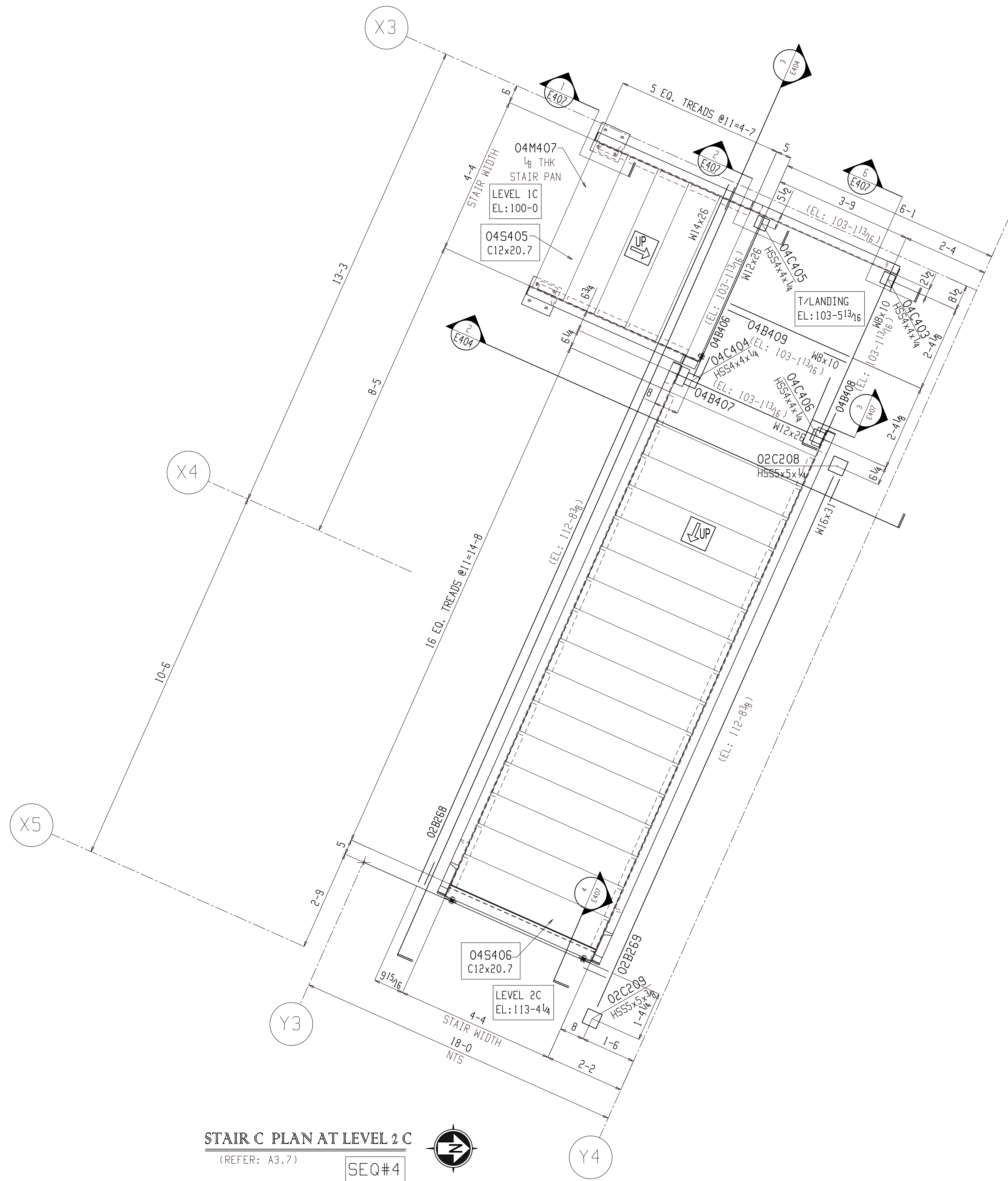
**FOR FIELD USE**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

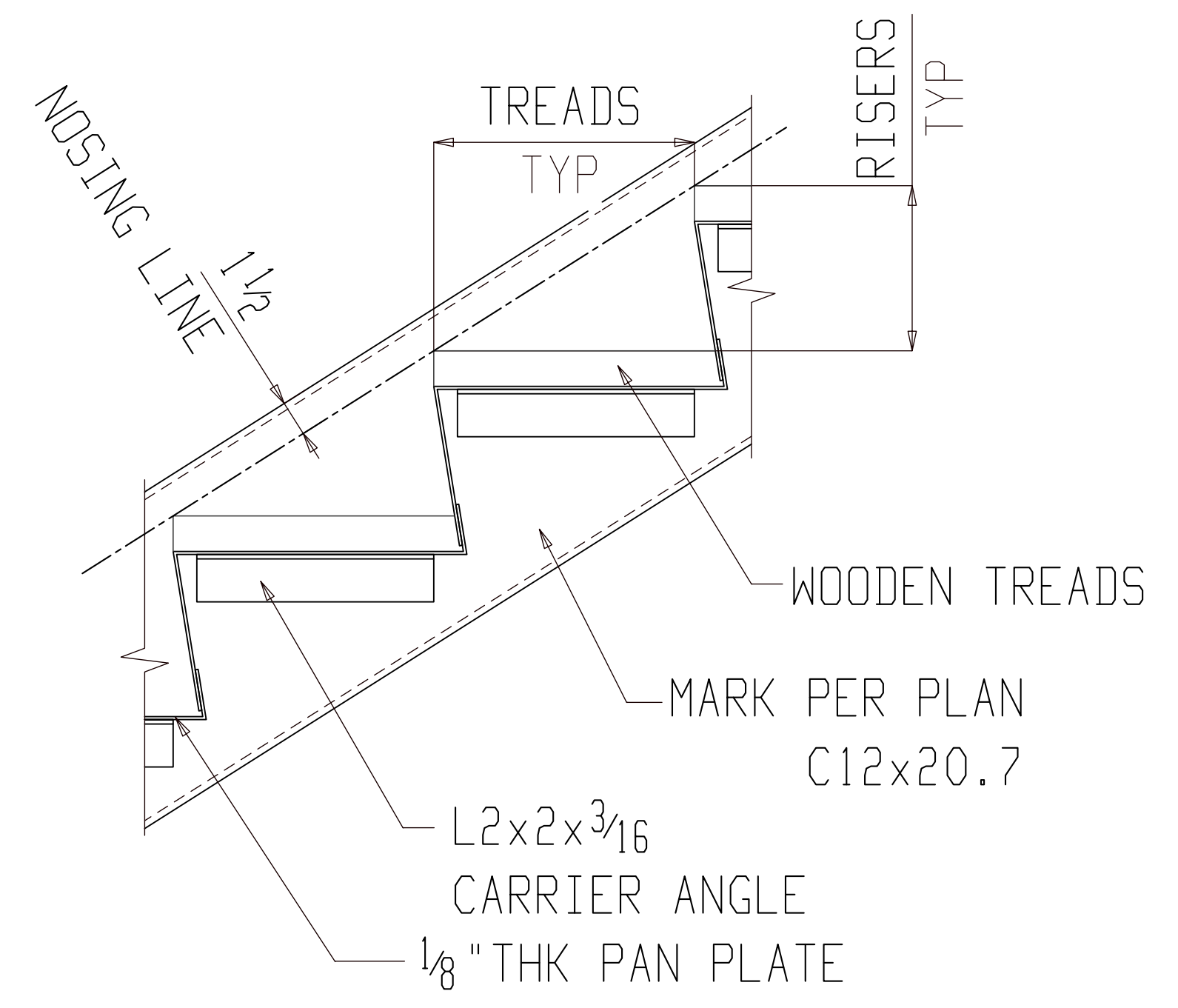
GENERAL ARRANGEMENT			
DETAILS	DATE	JOB NAME	PROJECT NO
ANU	03-26-21	MILWAUKEE STATION APARTMENTS	2210
CHECKER	SHA	JOB LOCATION	DWG NO
SHA	03-26-21	GREAT FALLS, MONTANA	E401





**STAIR C PLAN AT LEVEL 2 C**  
 (REFER: A3.7)  
 SEQ#4

- NOTES:  
 1. ——— INDICATES SHEAR PLATE LOCATON  
 2. NTS: INDICATES NOT TO SCALE  
 3. TOP OF STEEL ELEVATION AS SHOWN  
 4. ALL BOLTS ARE 3/4" DIA A325N U.N.O.

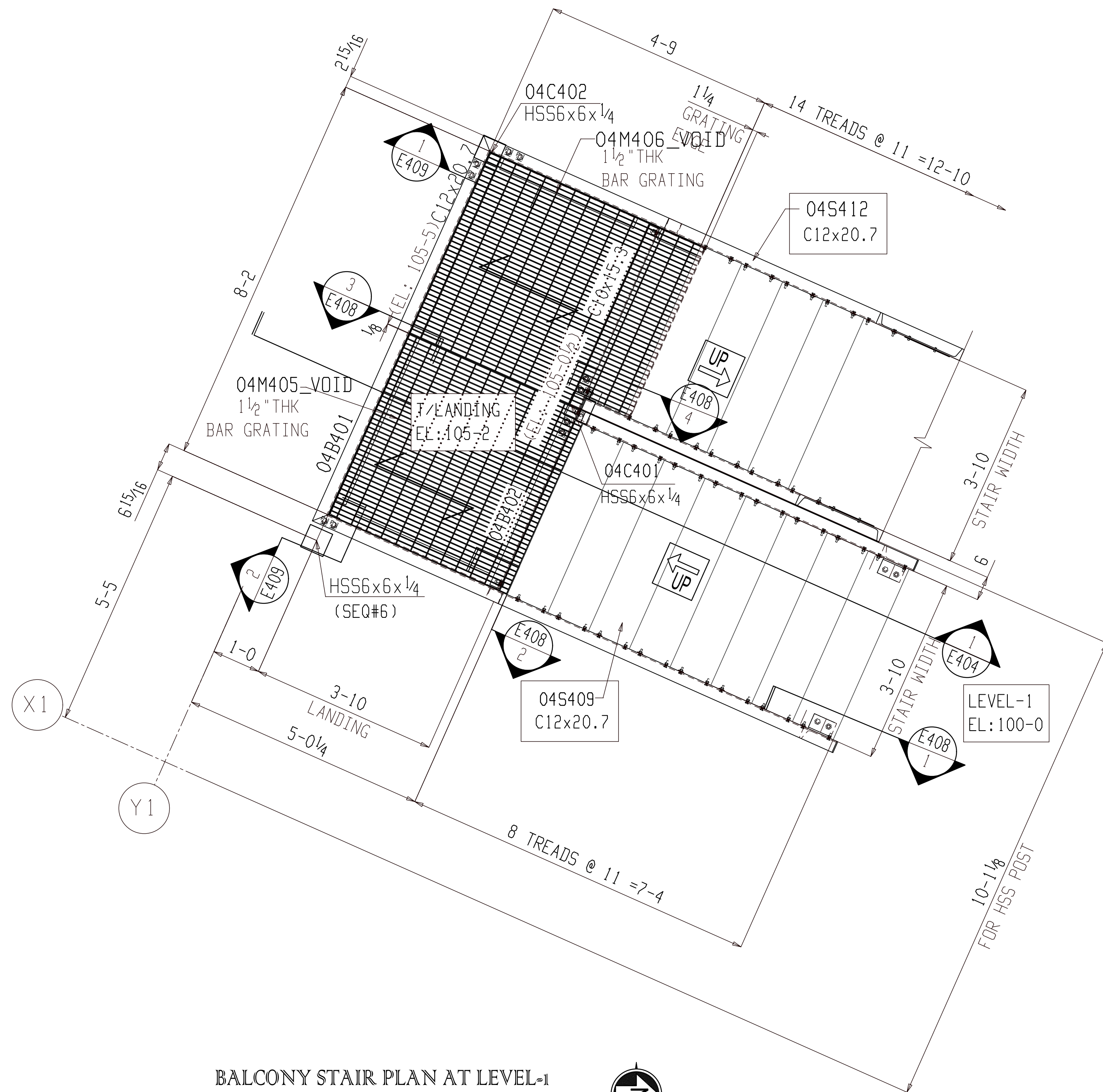


1 E402 TYPICAL STAIR PAN DETAIL

MARKING		
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	03-26-21	2210	
DRAWN BY	SHA		
CHECKED BY	SHA		
APPROVED BY	SHA		
JOB NAME		MILWAUKEE STATION APARTMENTS	
JOB LOCATION		GREAT FALLS, MONTANA	
			E402

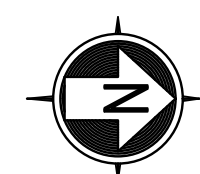


**BALCONY STAIR PLAN AT LEVEL-1**

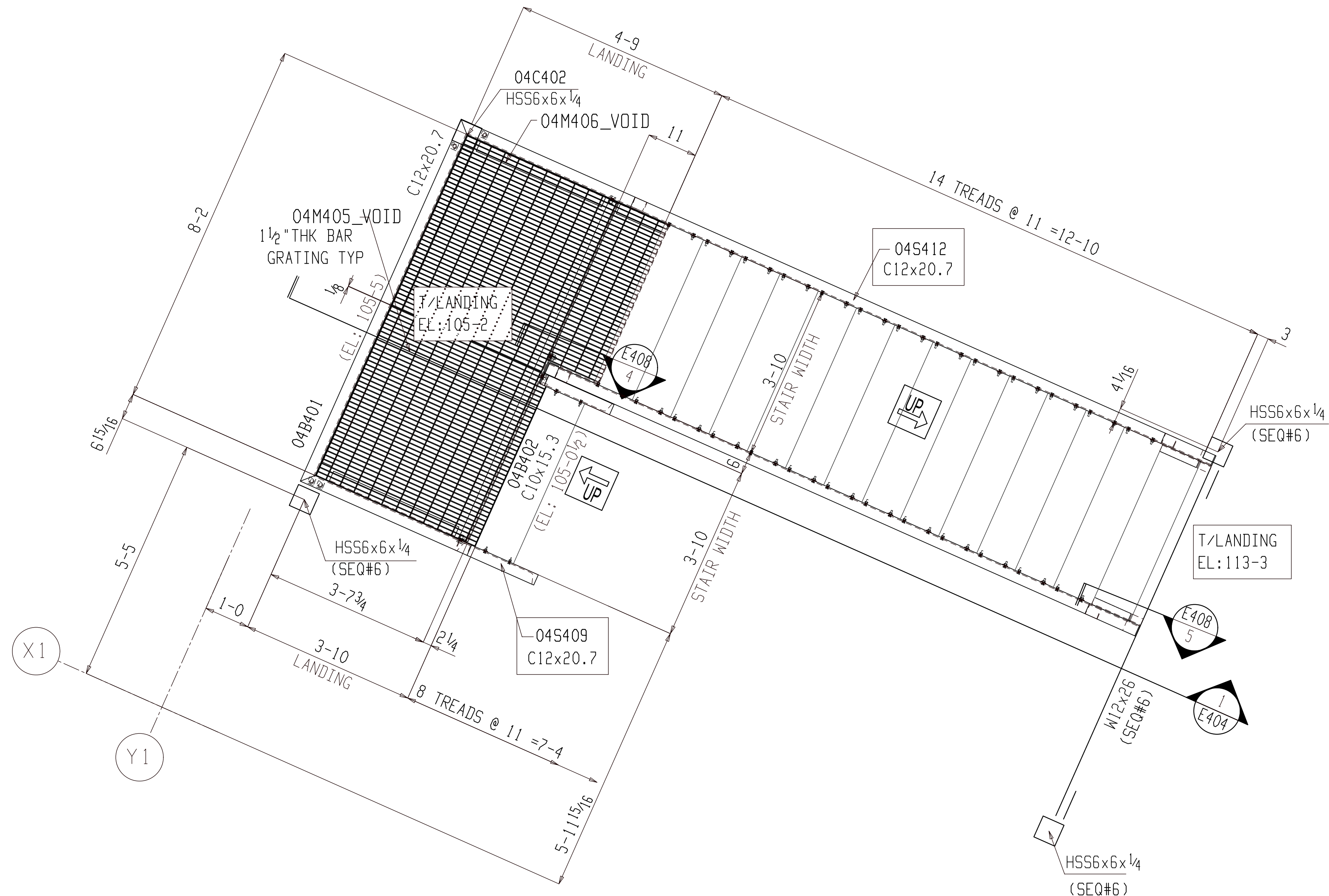
(REFER: A3.7)

SEQ#4

NOTES:  
1. TOP OF STEEL ELEVATION AS SHOWN



PLAN NORTH

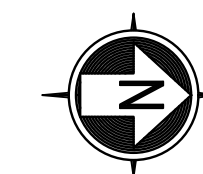


**BALCONY STAIR PLAN AT LEVEL-2**

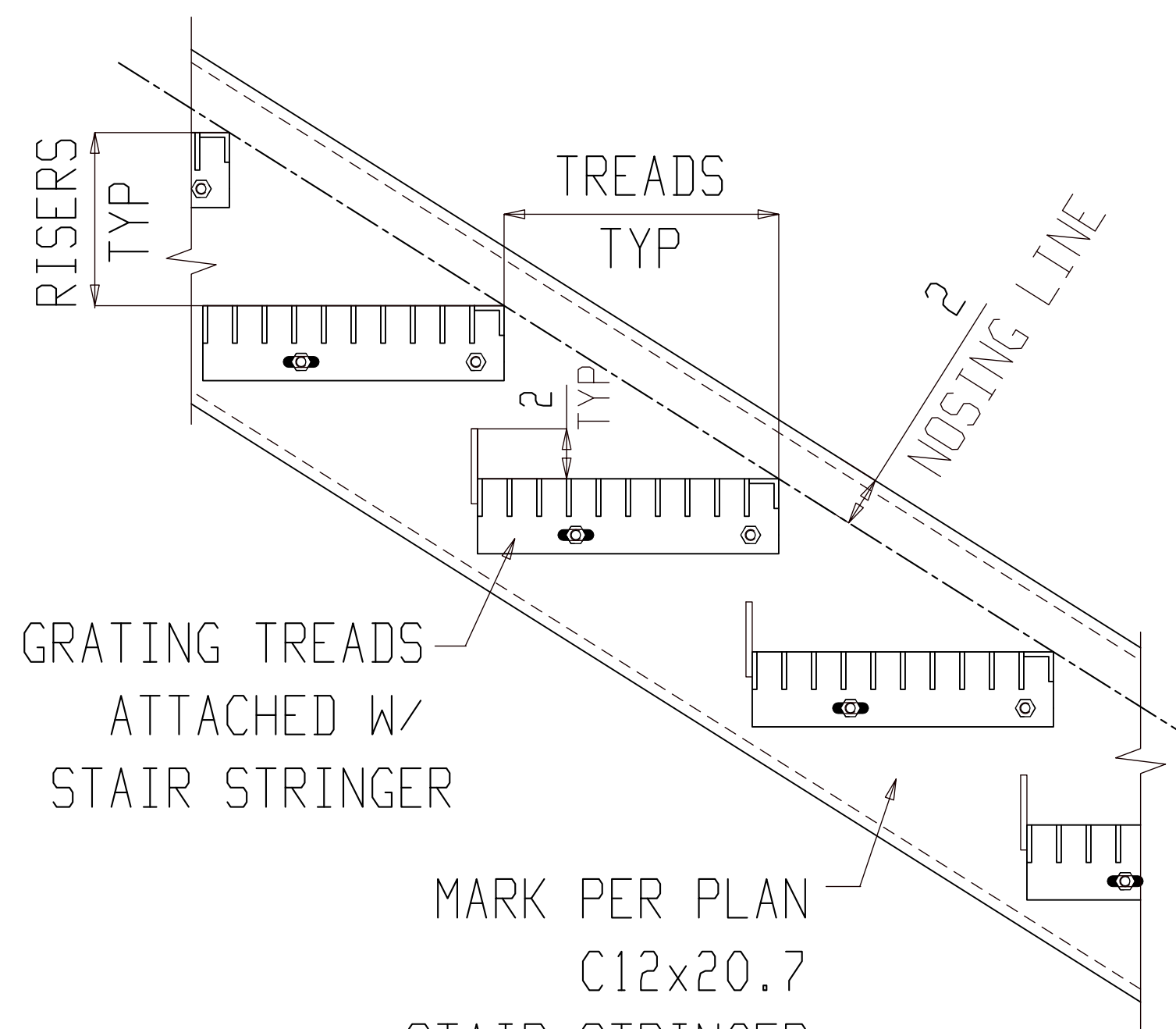
(REFER: A3.7)

SEQ#4

NOTES:  
1. TOP OF STEEL ELEVATION AS SHOWN



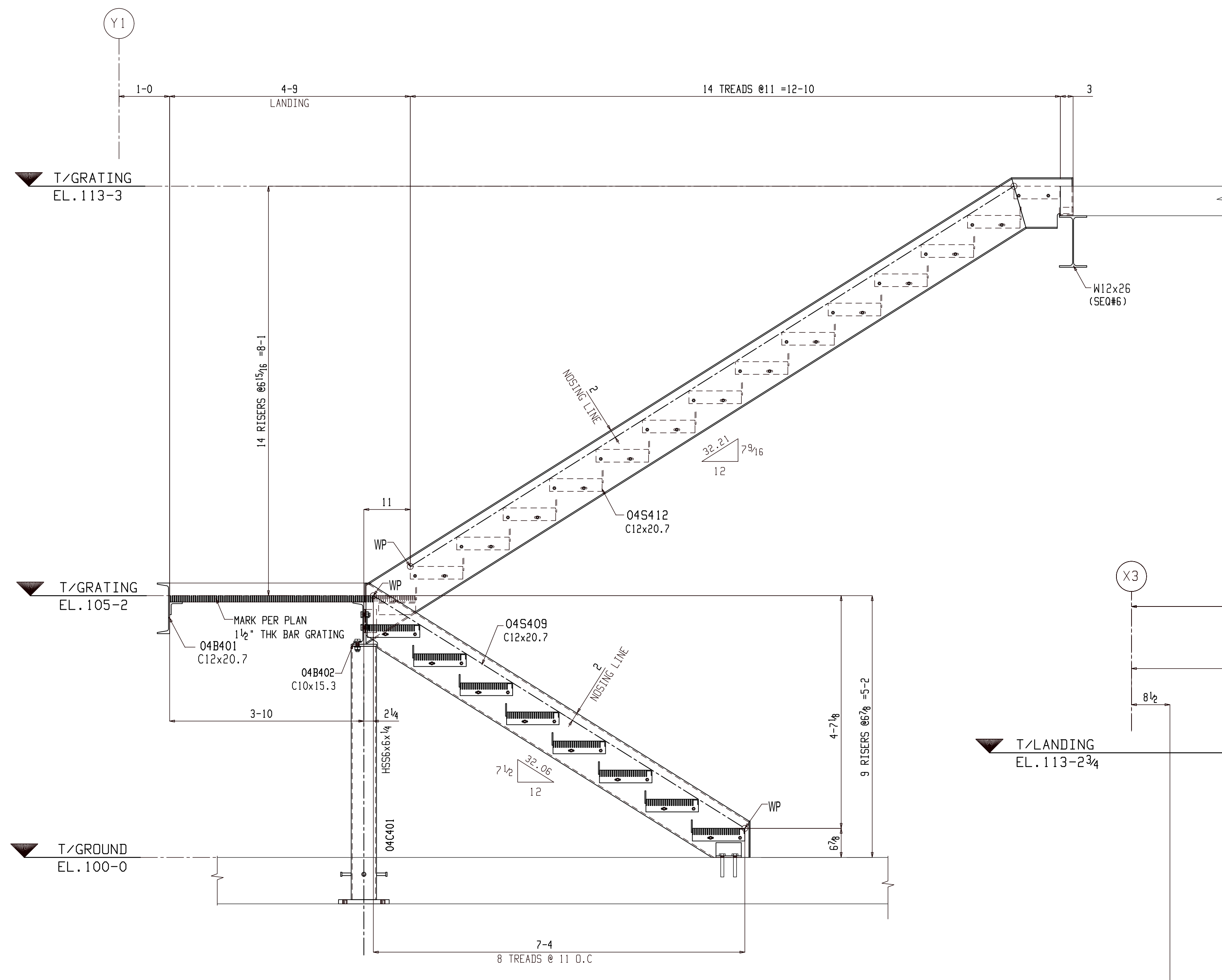
PLAN NORTH



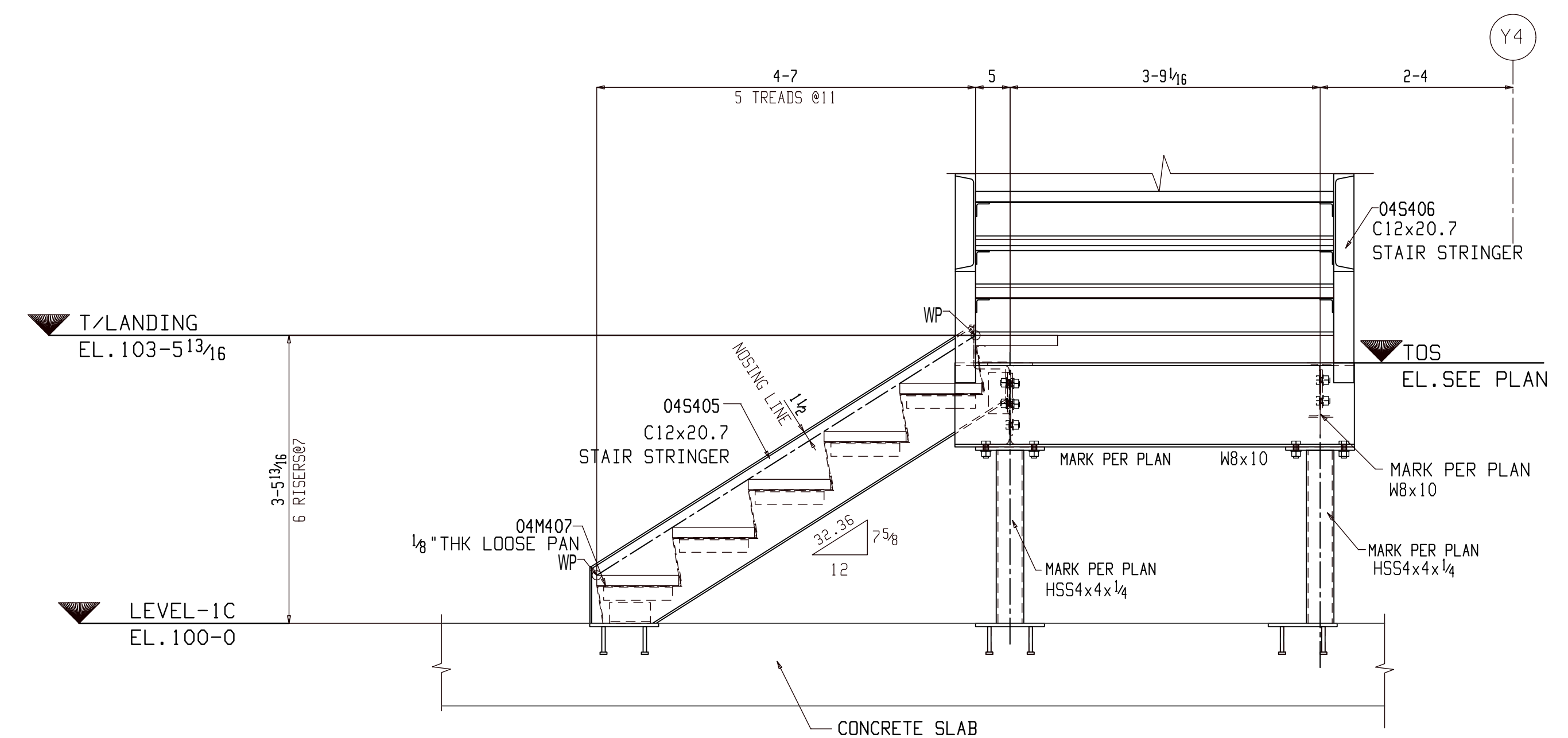
1 TYPICAL STAIR TREAD DETAIL

E403

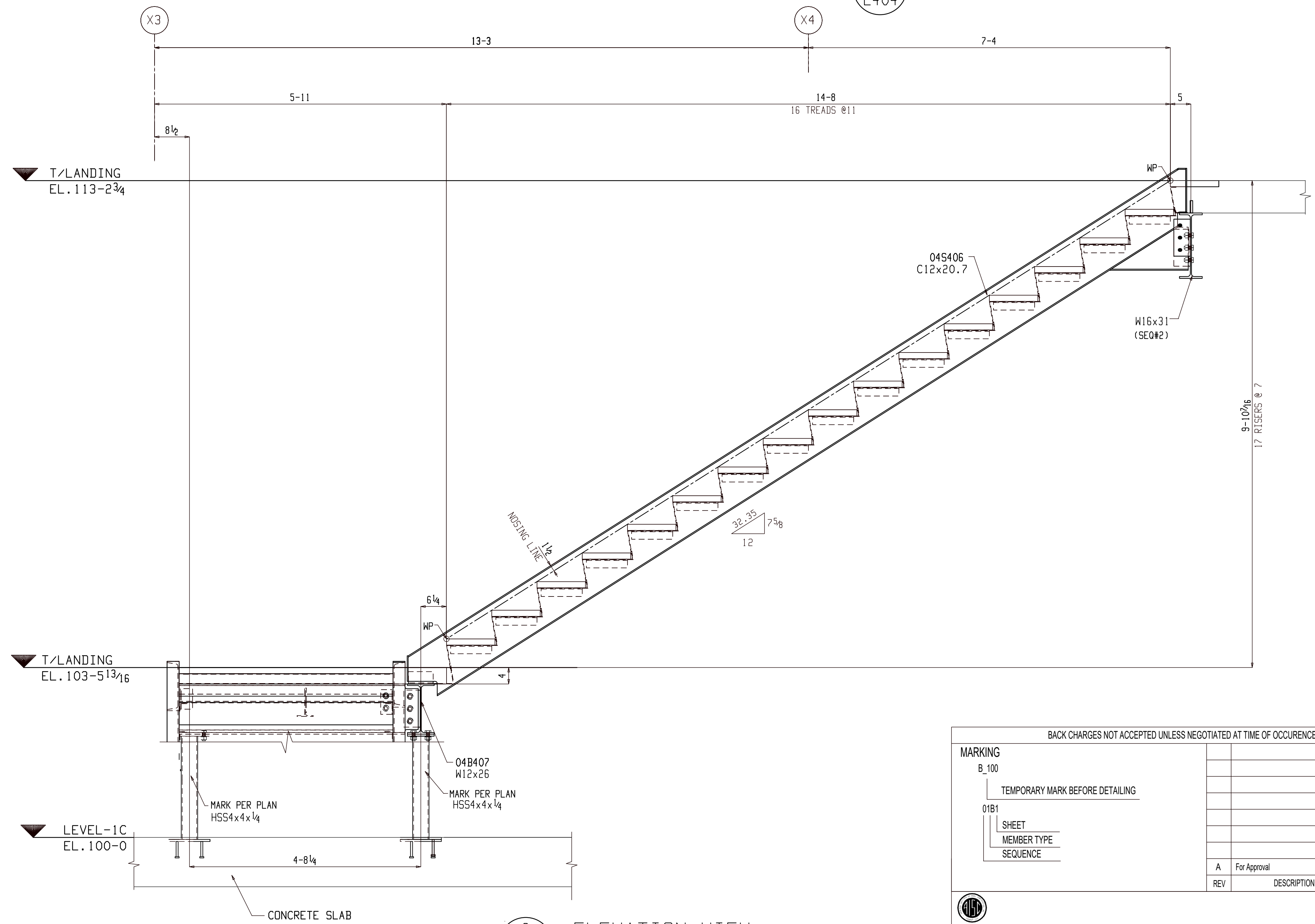
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE																										
MARKING																										
B_100	TEMPORARY MARK BEFORE DETAILING																									
O1B1	SHEET																									
	MEMBER TYPE																									
	SEQUENCE																									
A	For Approval	05-16-22																								
REV	DESCRIPTION	DATE																								
<table border="0"> <tr> <td colspan="2">GENERAL ARRANGEMENT</td> <td>PROJECT NO.</td> <td>REV</td> </tr> <tr> <td>DATE</td> <td>JOB NAME</td> <td>2210</td> <td></td> </tr> <tr> <td>03-26-21</td> <td>MILWAUKEE STATION APARTMENTS</td> <td></td> <td></td> </tr> <tr> <td>DRAWN</td> <td>JOB LOCATION</td> <td></td> <td></td> </tr> <tr> <td>SHA</td> <td>GREAT FALLS, MONTANA</td> <td></td> <td></td> </tr> <tr> <td>03-26-21</td> <td></td> <td></td> <td>E403</td> </tr> </table>			GENERAL ARRANGEMENT		PROJECT NO.	REV	DATE	JOB NAME	2210		03-26-21	MILWAUKEE STATION APARTMENTS			DRAWN	JOB LOCATION			SHA	GREAT FALLS, MONTANA			03-26-21			E403
GENERAL ARRANGEMENT		PROJECT NO.	REV																							
DATE	JOB NAME	2210																								
03-26-21	MILWAUKEE STATION APARTMENTS																									
DRAWN	JOB LOCATION																									
SHA	GREAT FALLS, MONTANA																									
03-26-21			E403																							



1 ELEVATION VIEW  
E404



2 ELEVATION VIEW  
E404



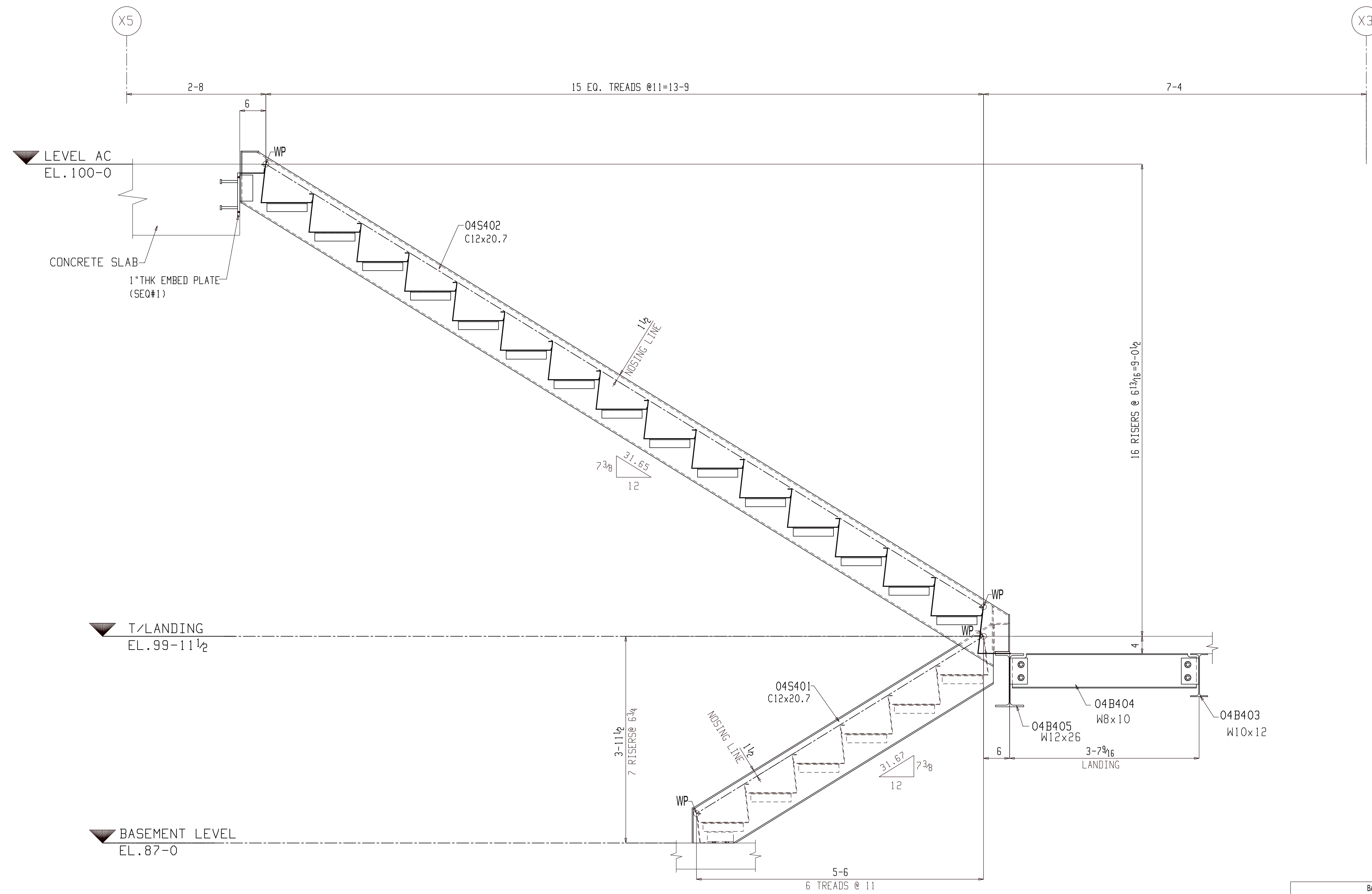
3 ELEVATION VIEW  
E404

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	JOB NAME	2210	2
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN BY	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			E404

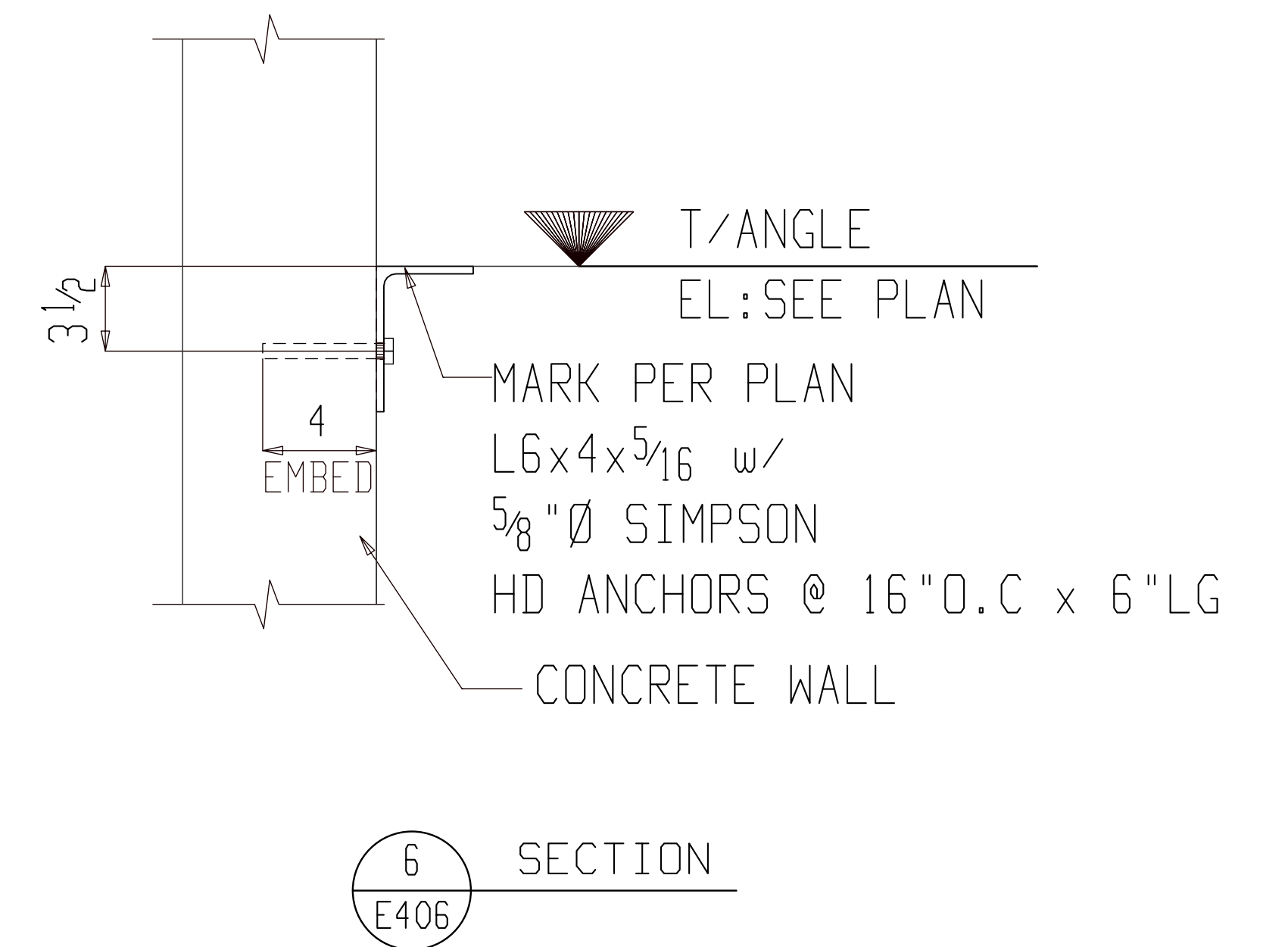
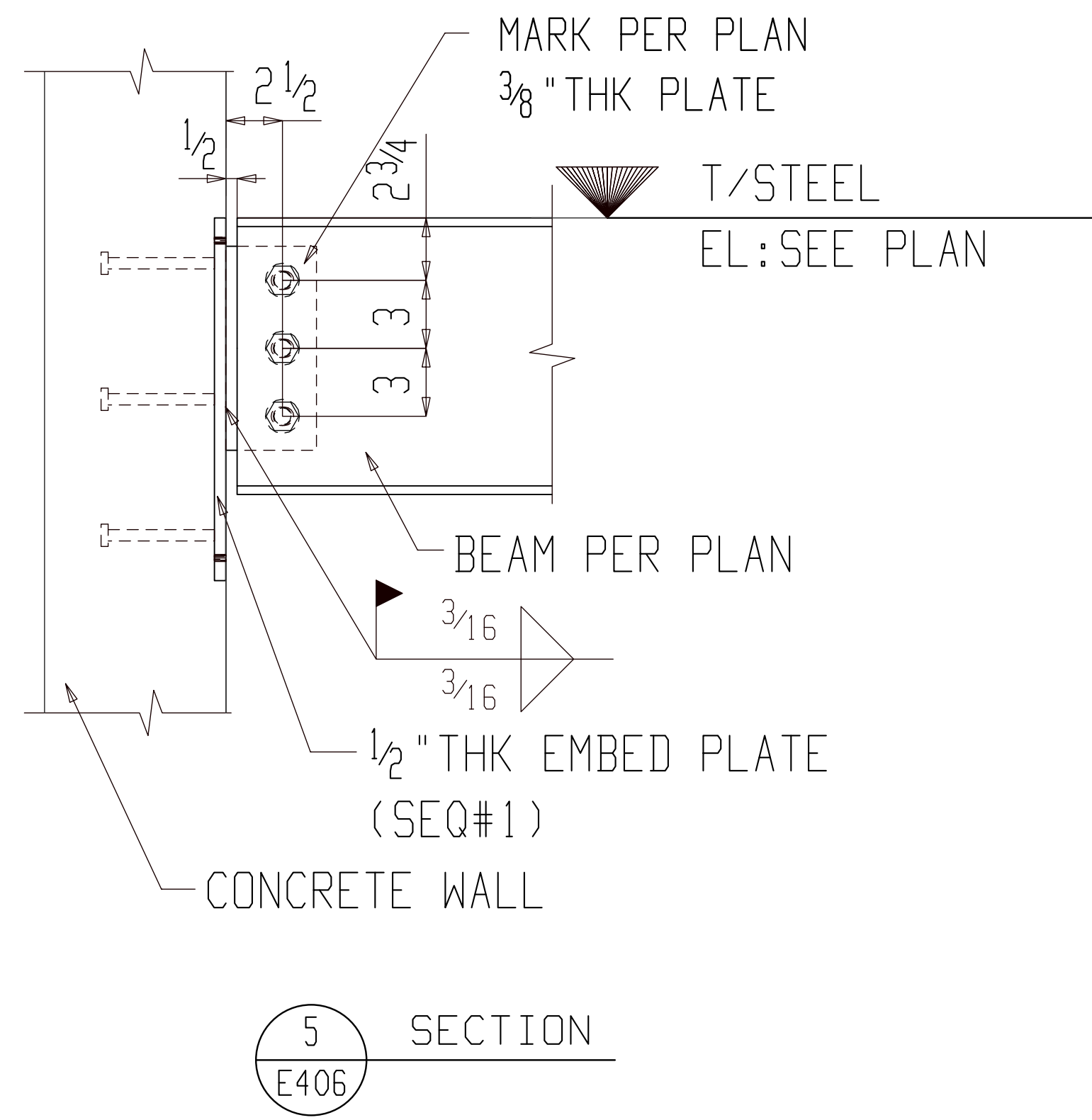
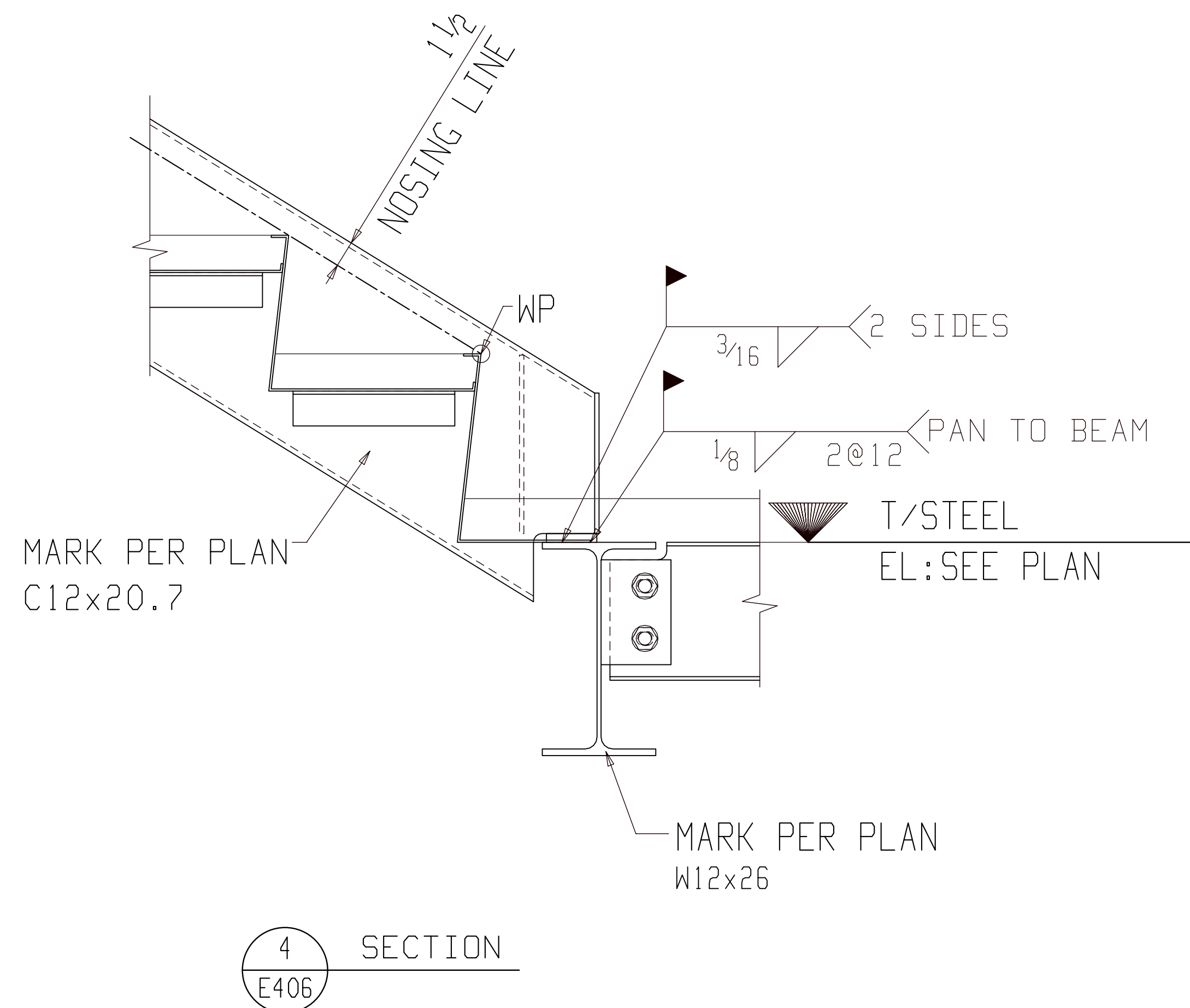
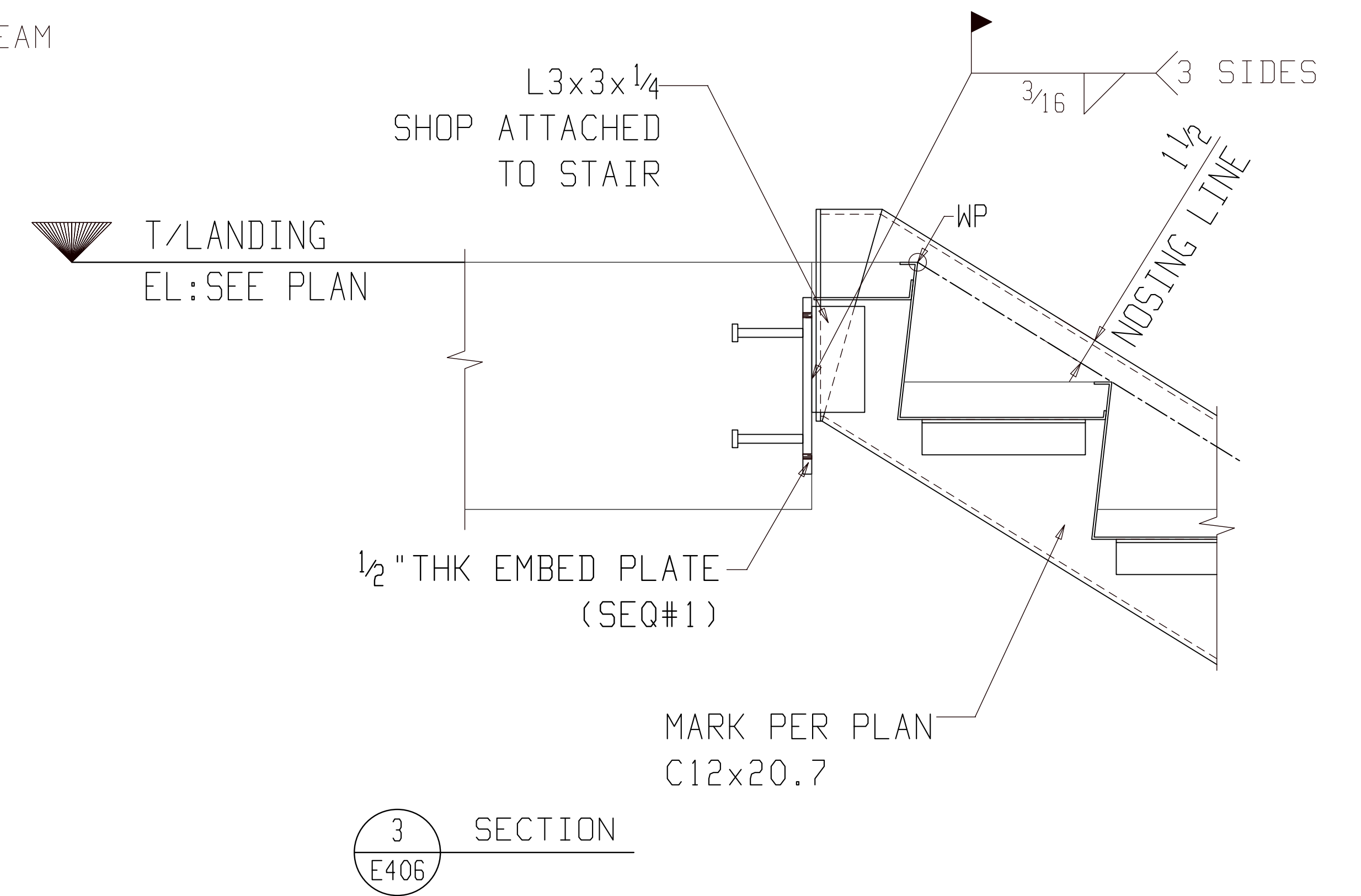
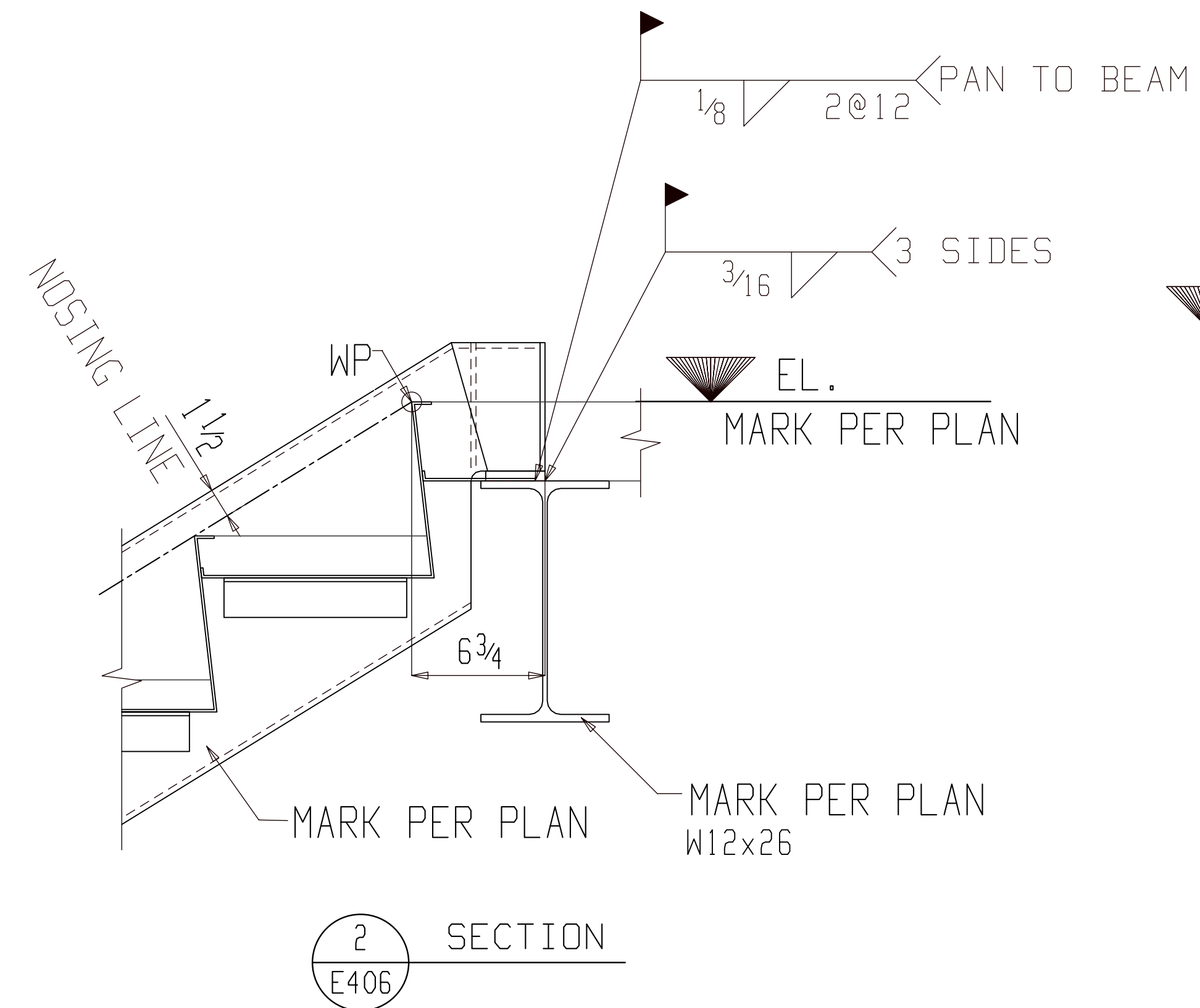
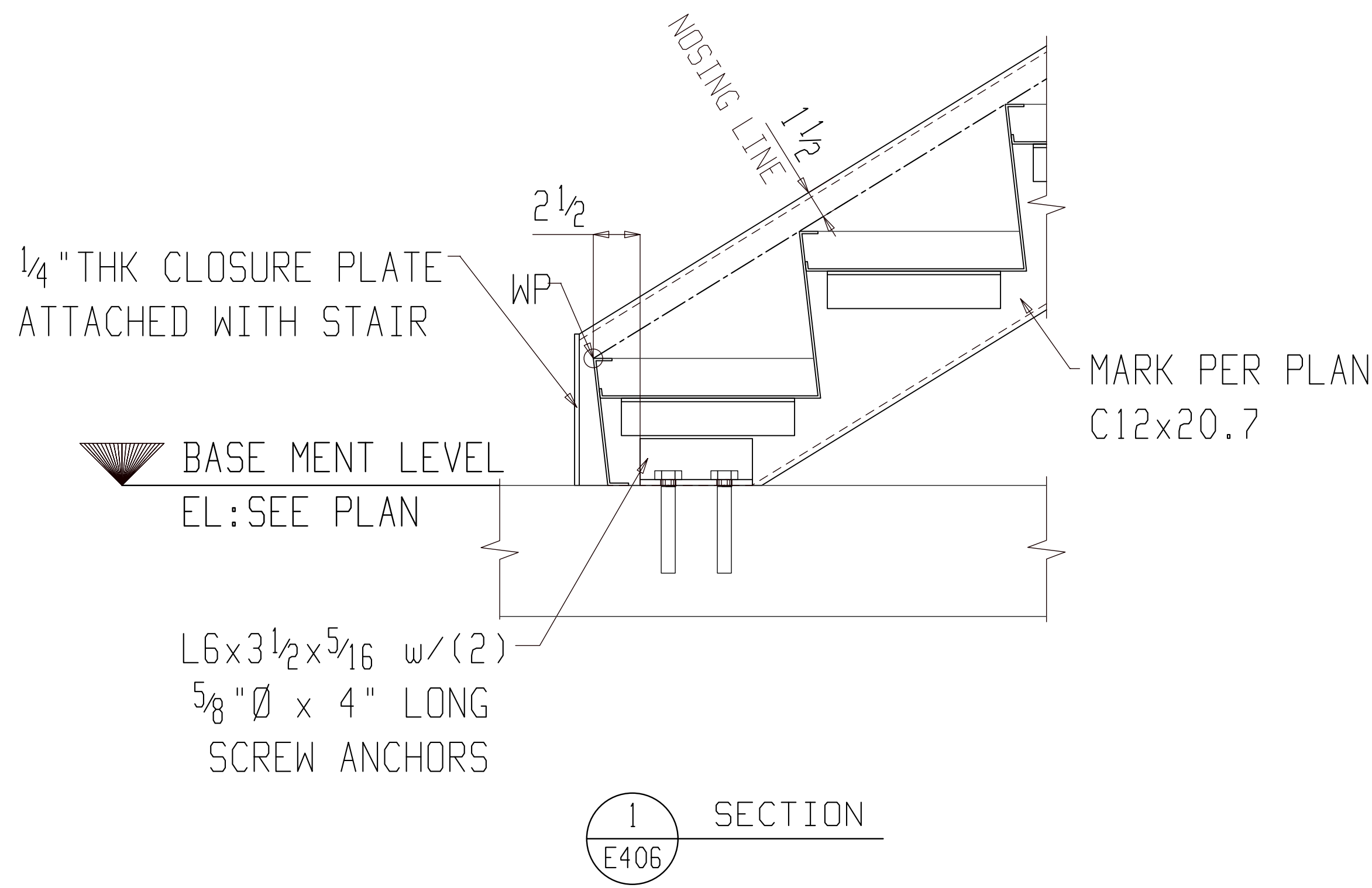


1 ELEVATION VIEW  
E405

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT  
 PROJECT NO. 2210  
 JOB NAME MILWAUKEE STATION APARTMENTS  
 JOB LOCATION GREAT FALLS, MONTANA  
 DATE 03-26-21  
 CHECKER SHA  
 APPROVED 03-26-21



BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING			
B_100			
TEMPORARY MARK BEFORE DETAILING			
01B1			
SHEET			
MEMBER TYPE			
SEQUENCE			
	A For Approval	05-16-22	
	REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT

PROJECT NO. 2210

DATE 03-26-21

JOB NAME MILWAUKEE STATION APARTMENTS

CHECKER SHA

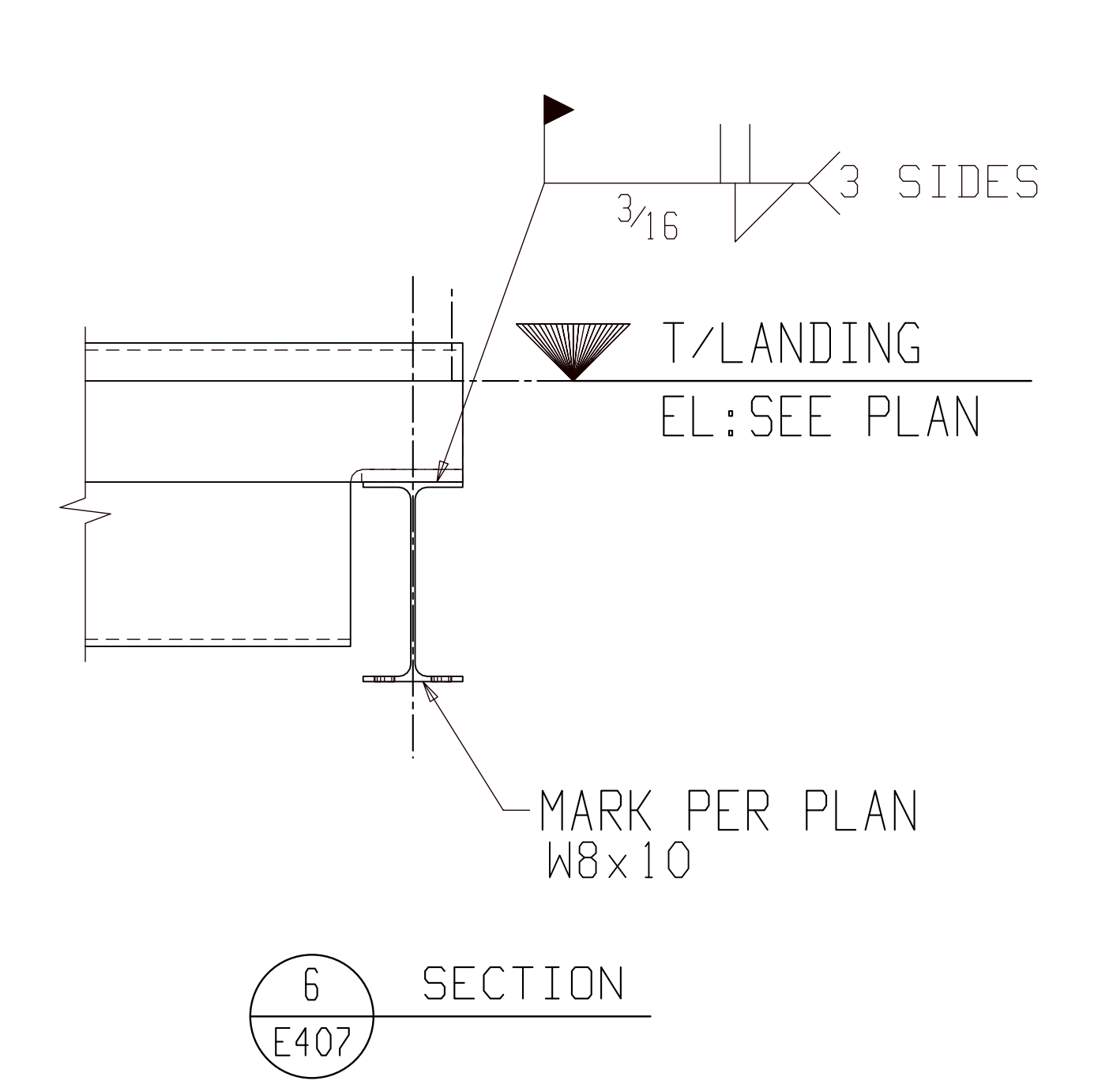
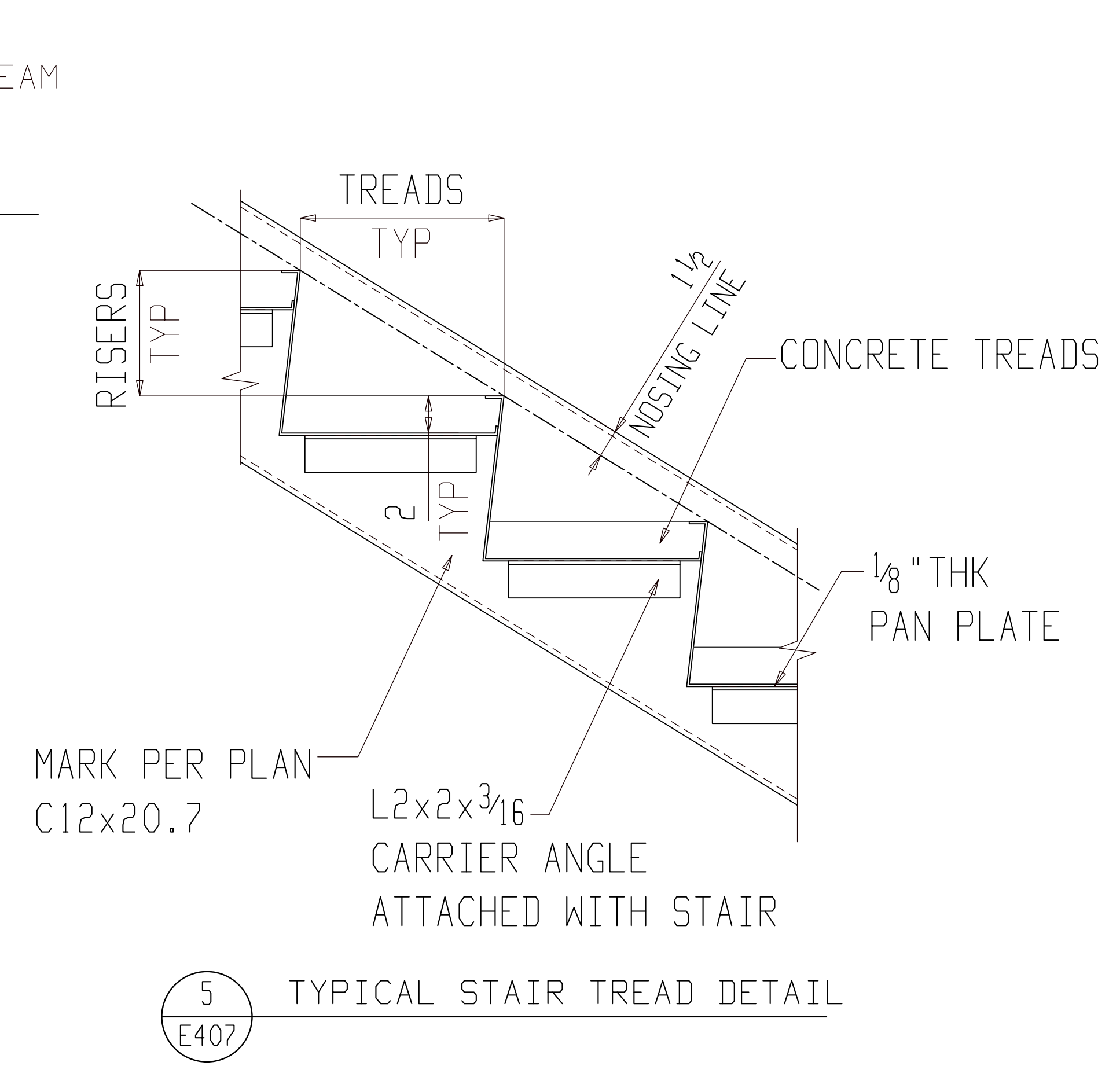
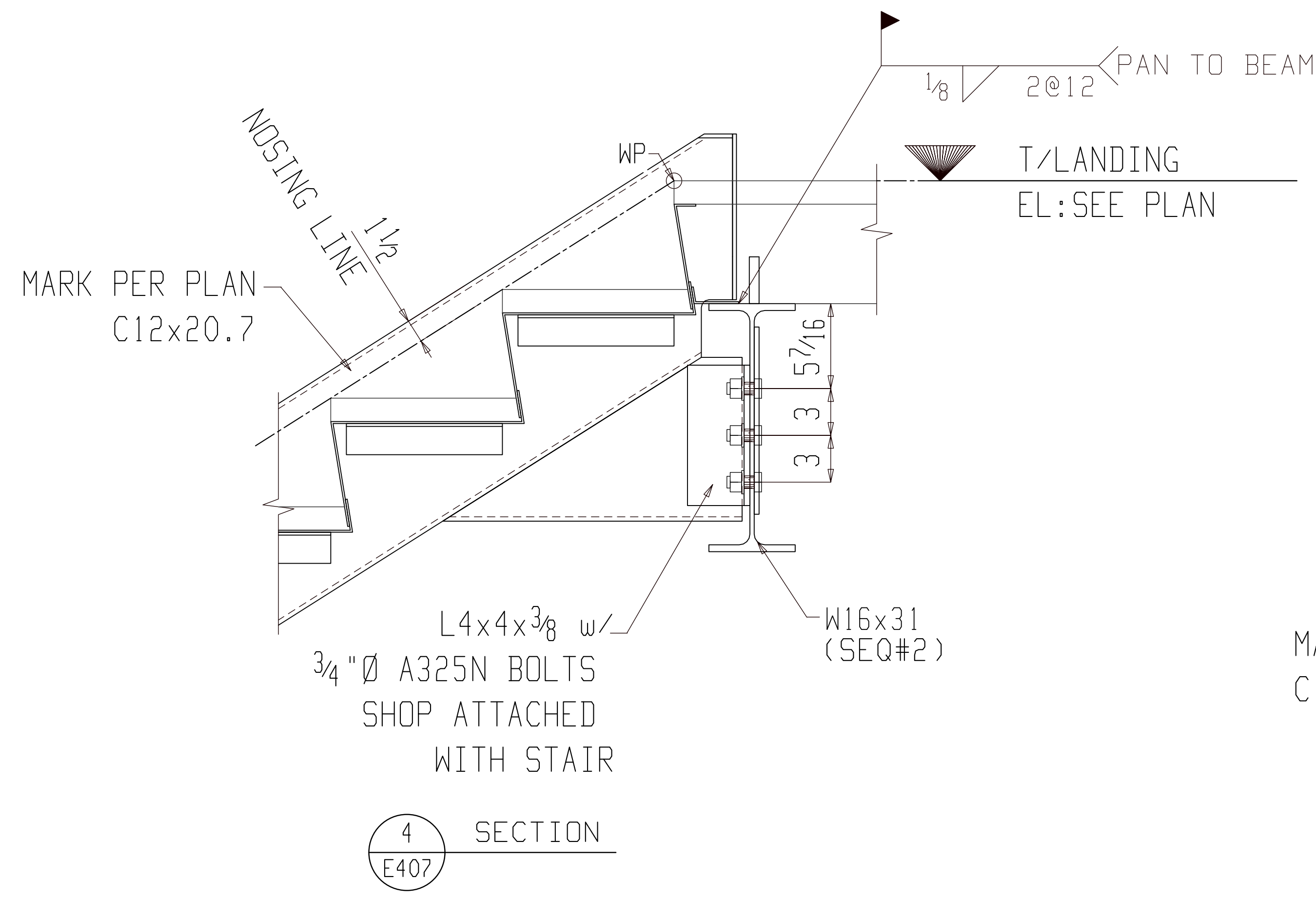
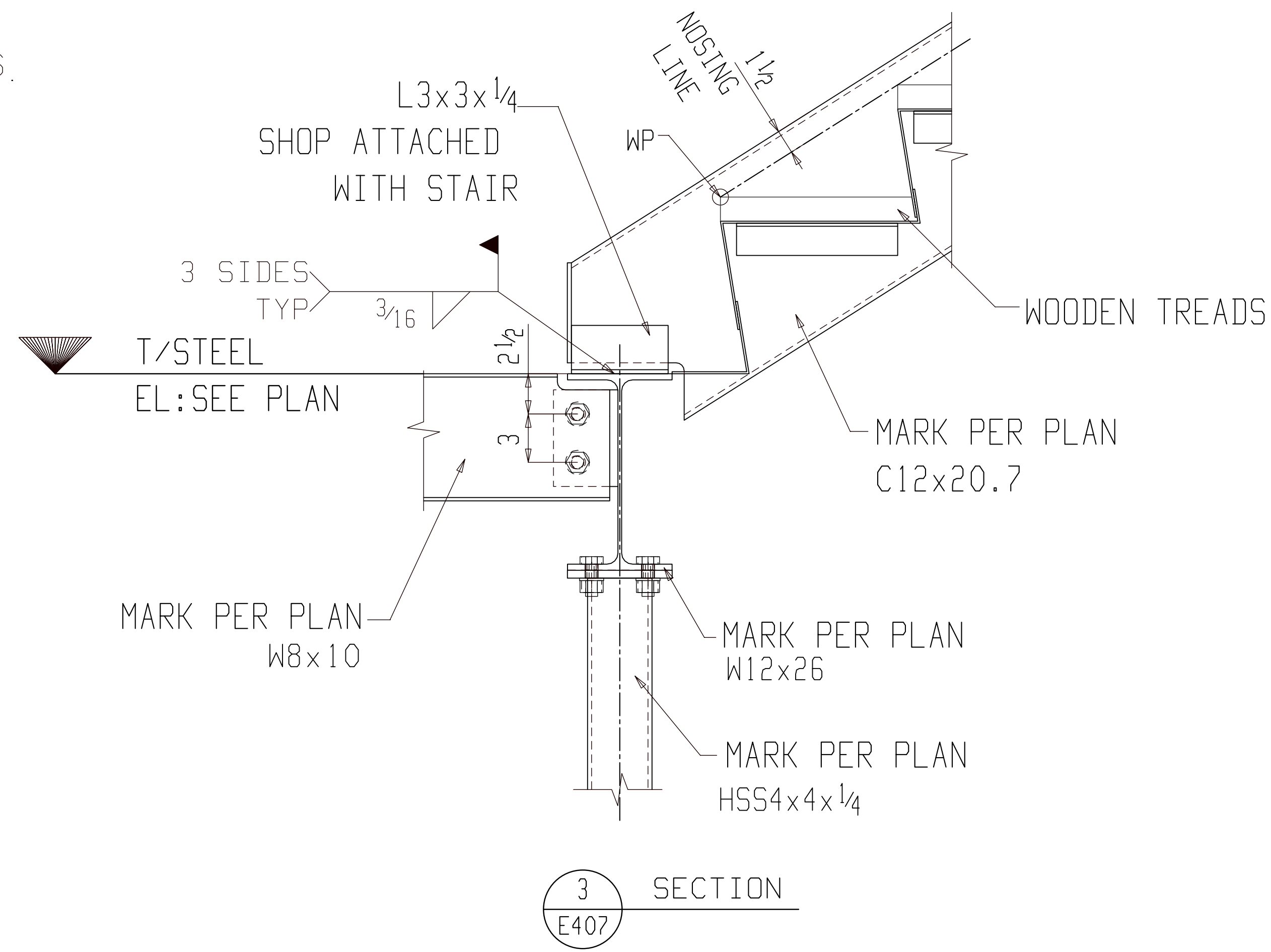
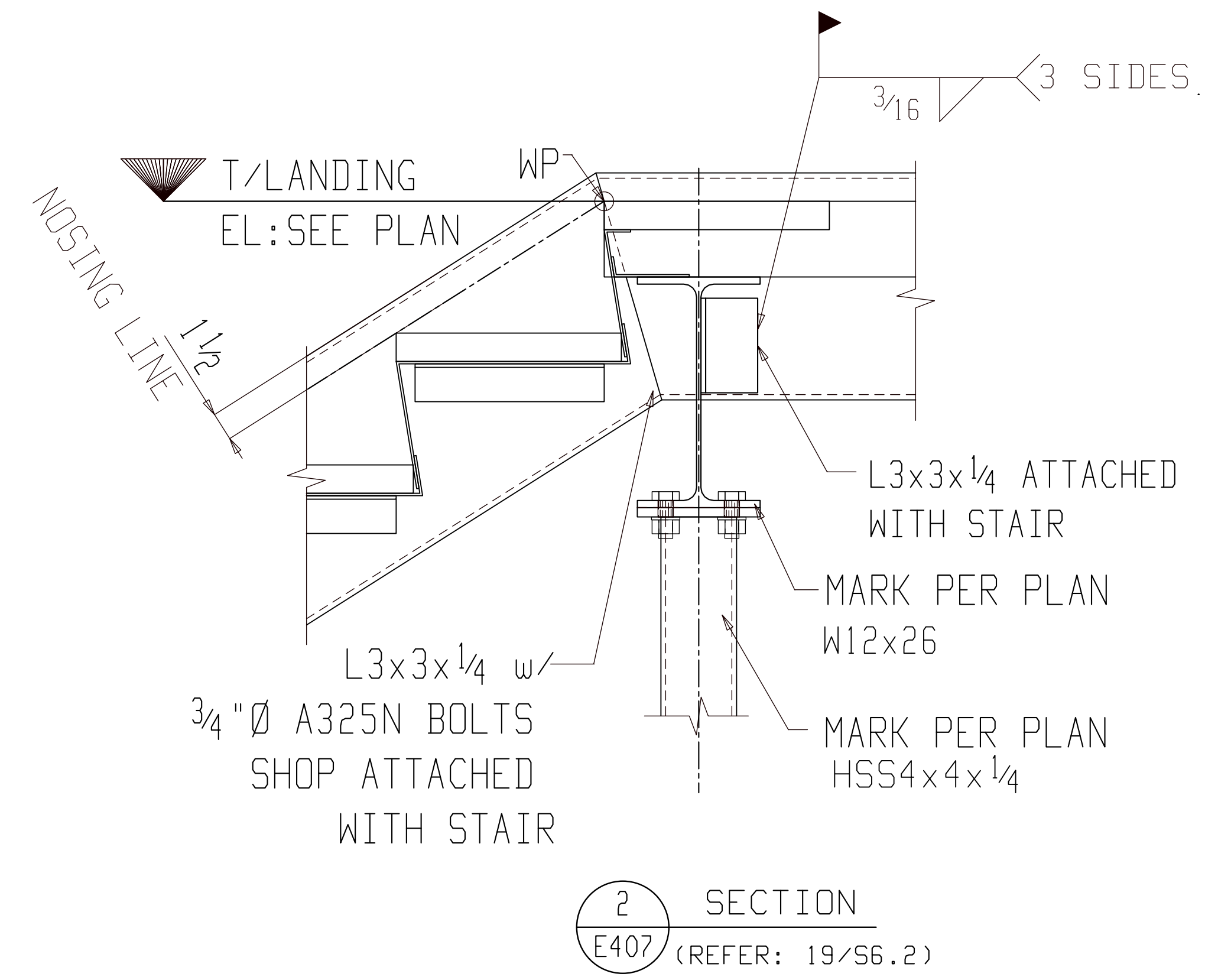
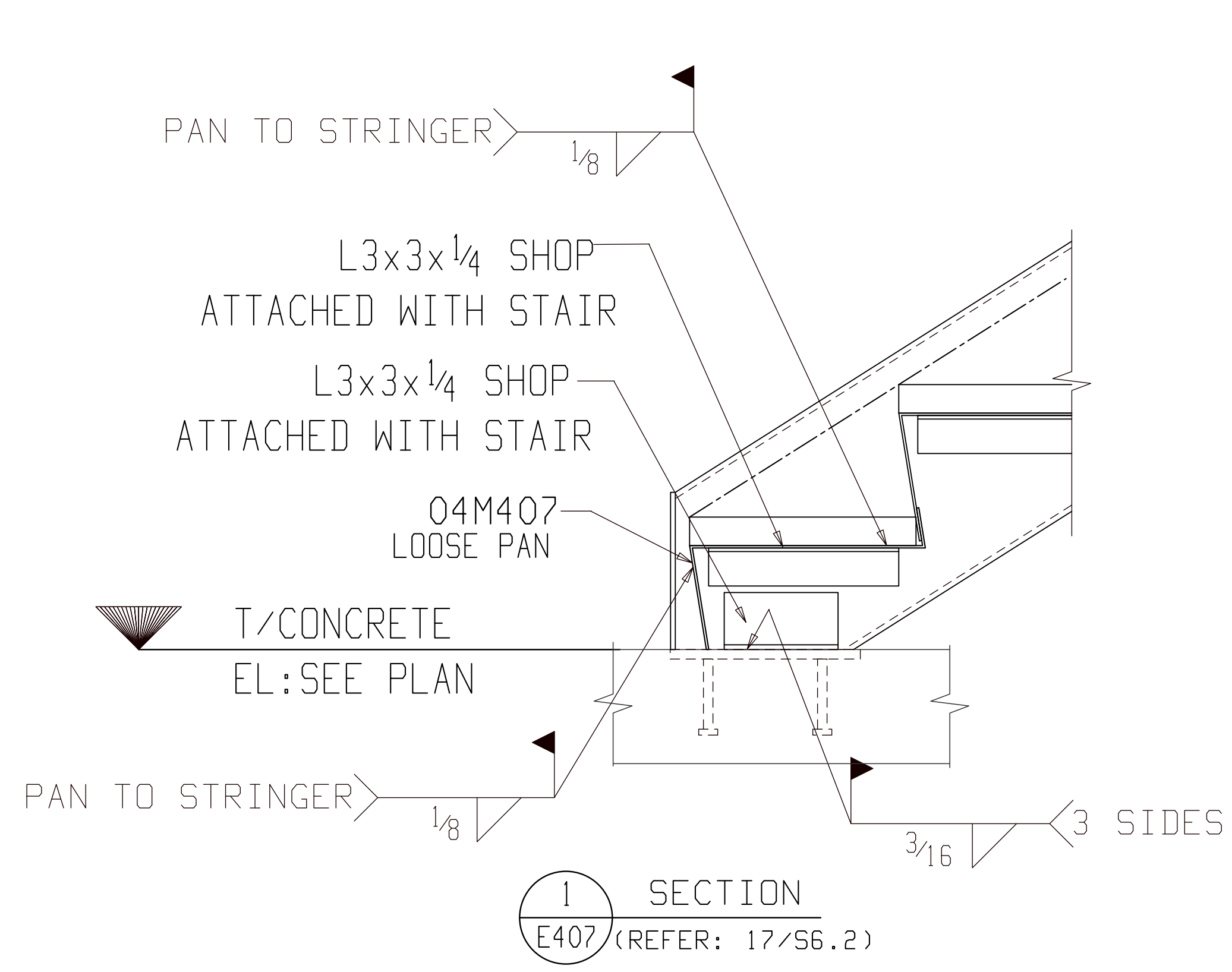
JOB LOCATION GREAT FALLS, MONTANA

APPROVED 03-26-21

DATE 05-16-22

REV DESCRIPTION DATE

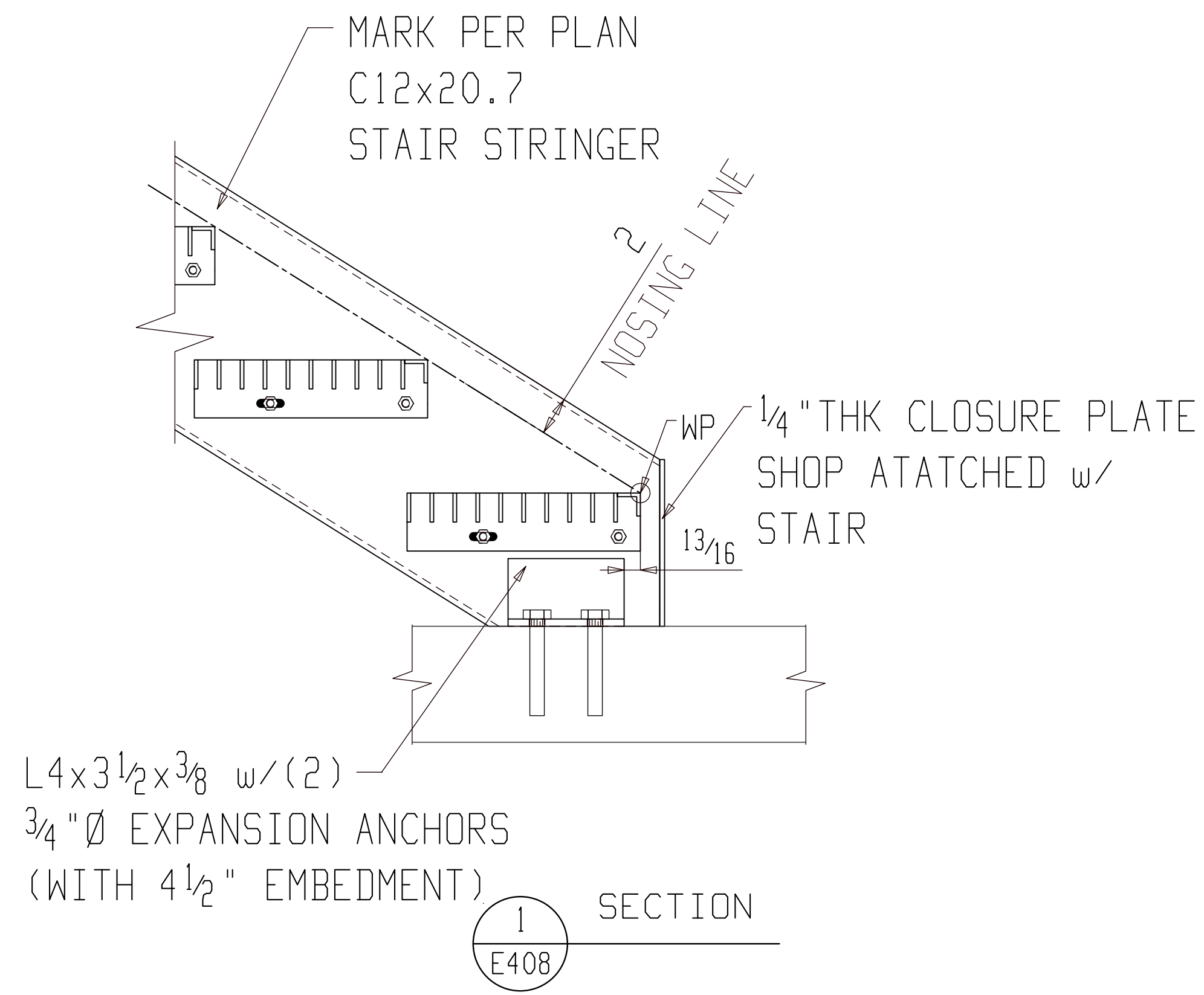
E406



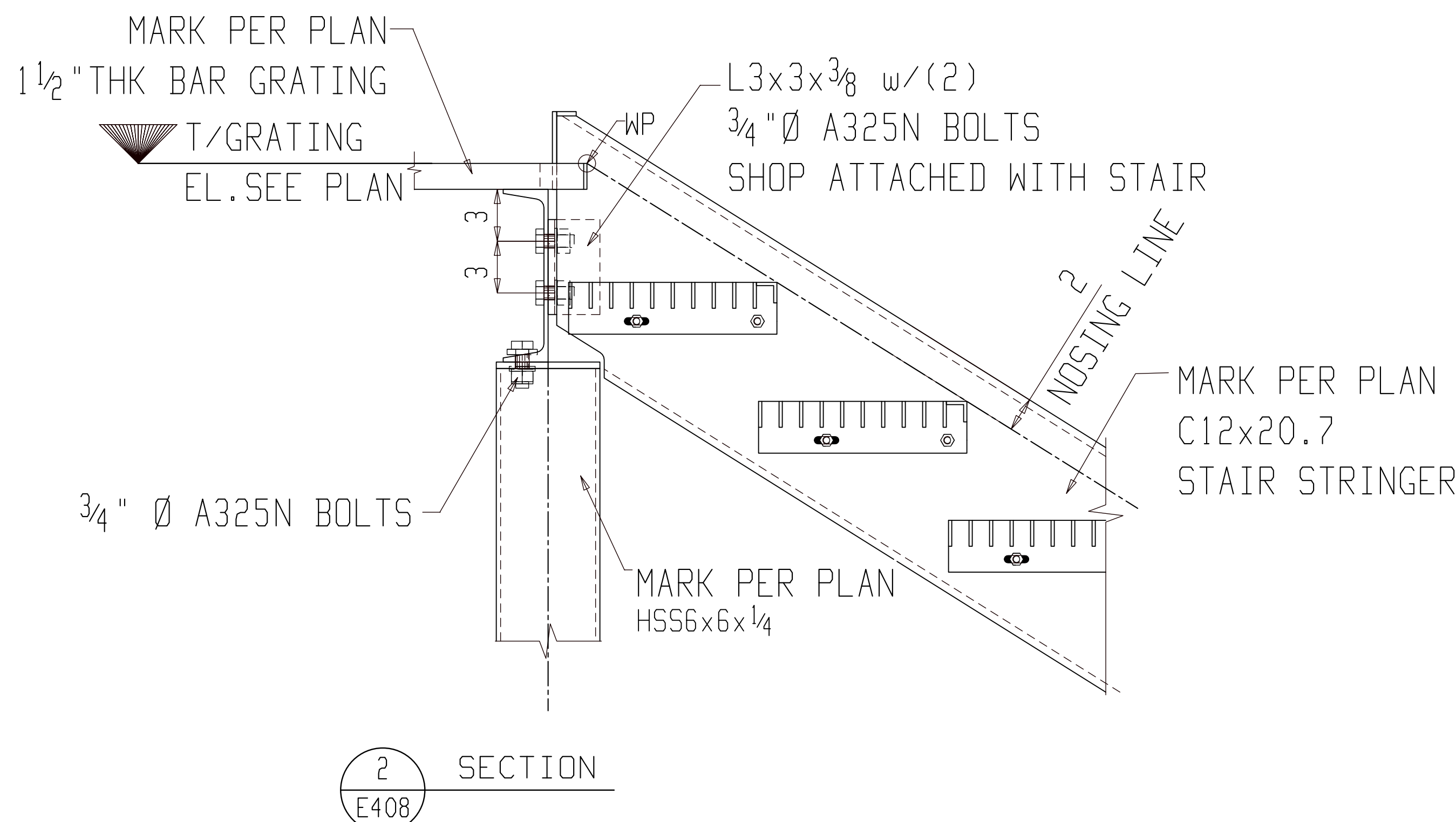
MARKING		
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

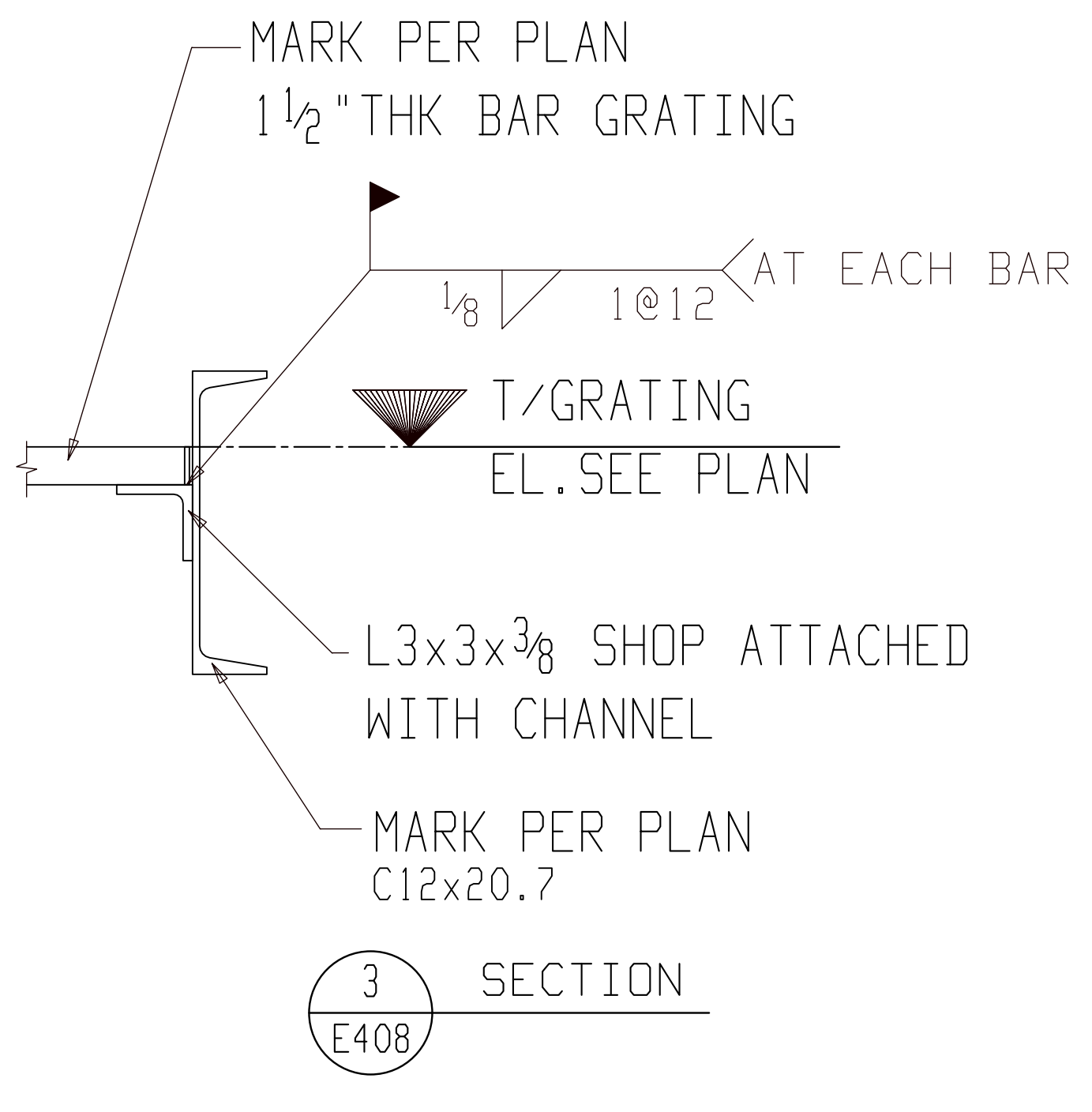
GENERAL ARRANGEMENT				PROJECT NO.	REV
DATE	03-26-21	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
CHECKER	SHA	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED					E407



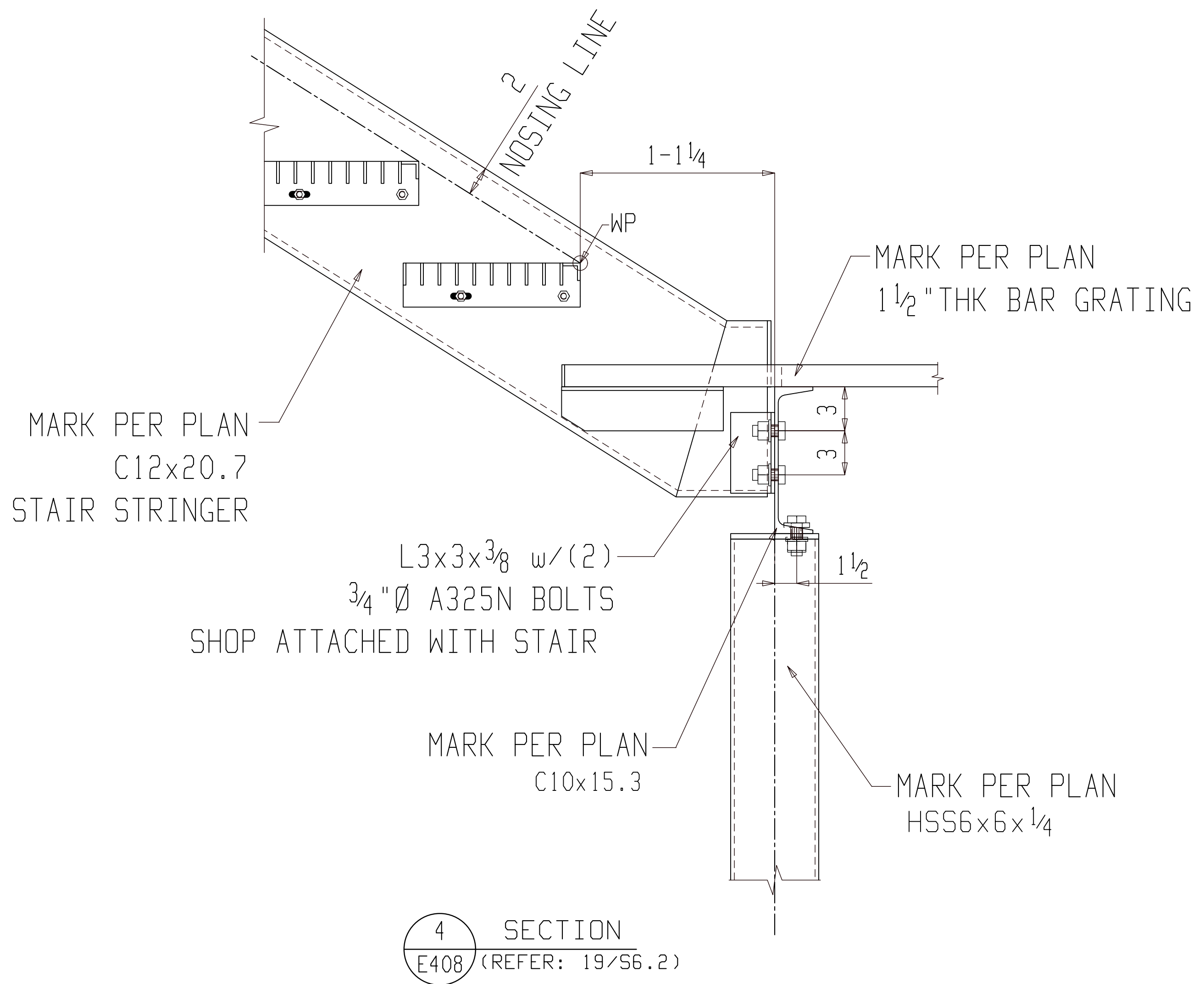
1 SECTION  
E408



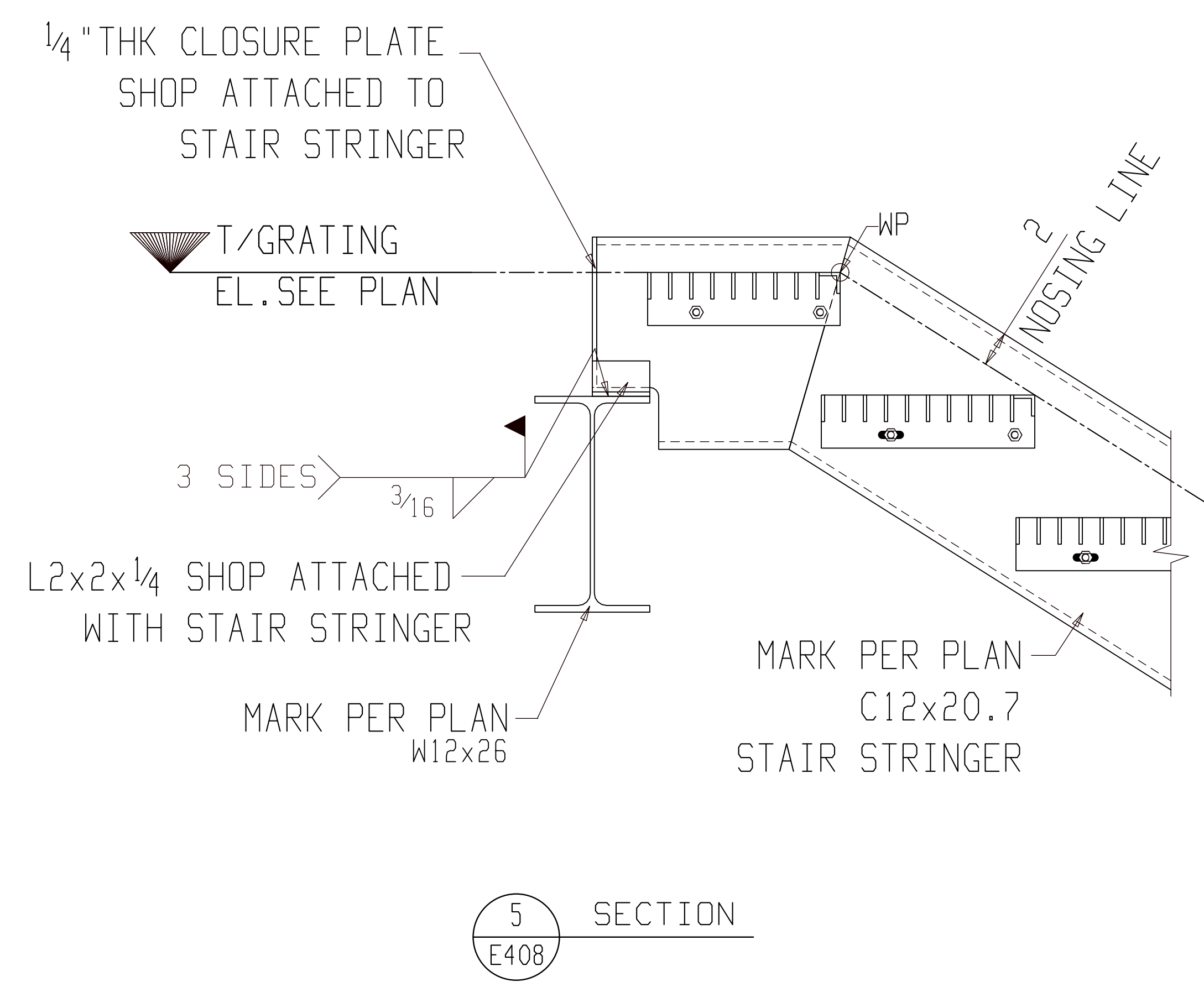
2 SECTION  
E408



3 SECTION  
E408



4 SECTION  
E408 (REFER: 19/S6.2)



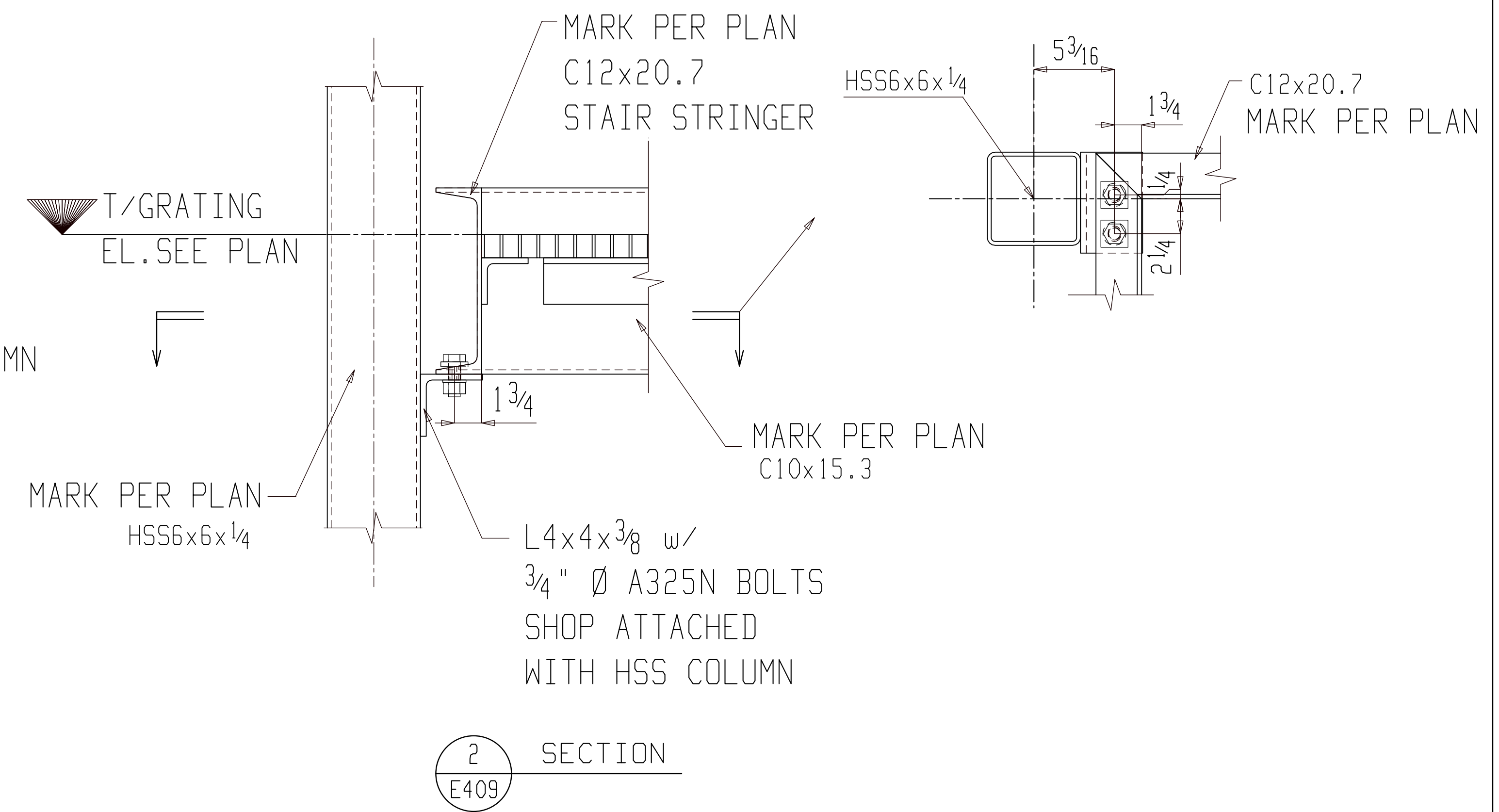
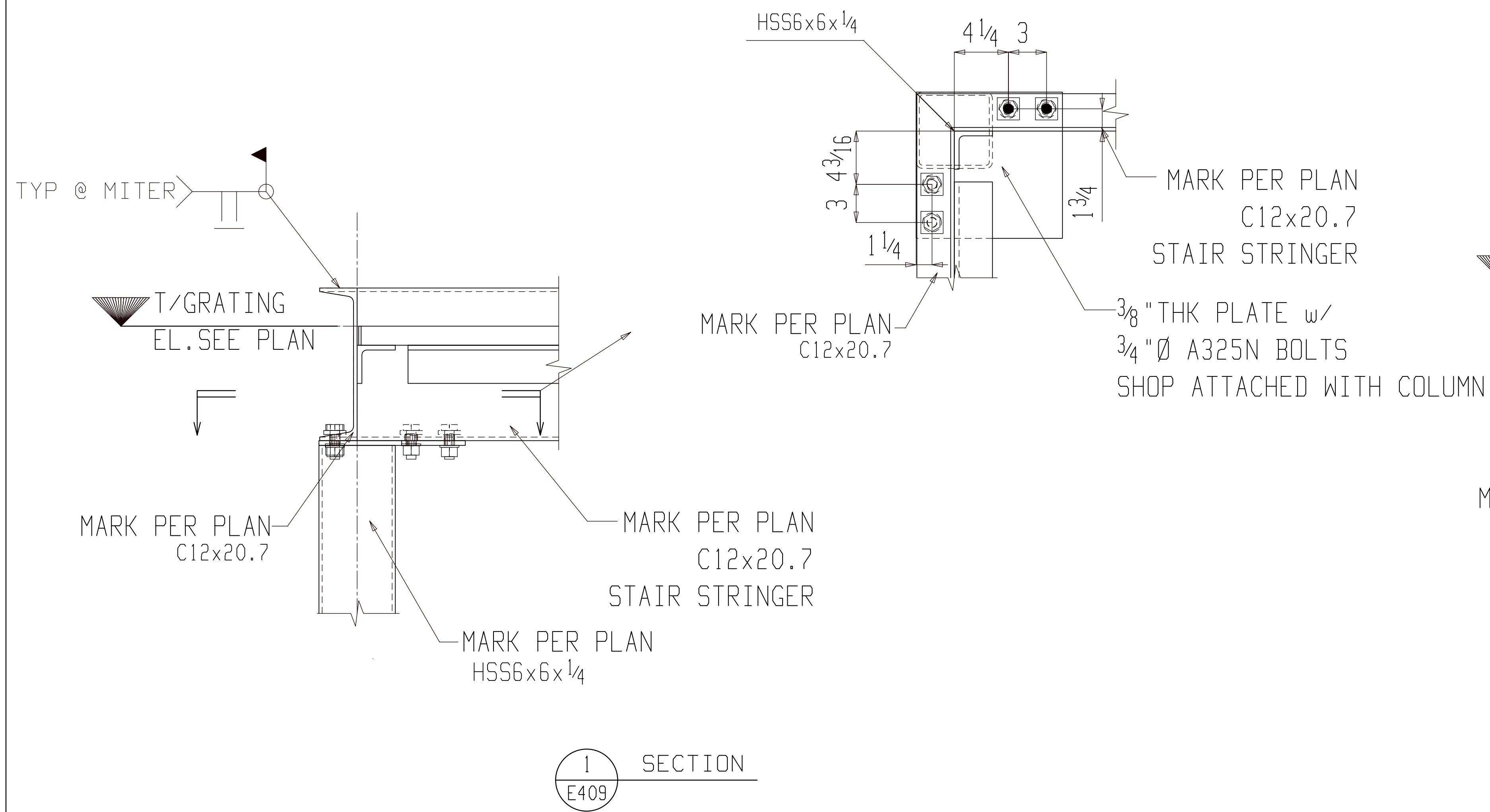
5 SECTION  
E408

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	DATE	2210	
03-26-21	03-26-21		
CHECKER	SHA		
03-26-21	03-26-21		
APPROVED			
MILWAUKEE STATION APARTMENTS			
GREAT FALLS, MONTANA			
			E408



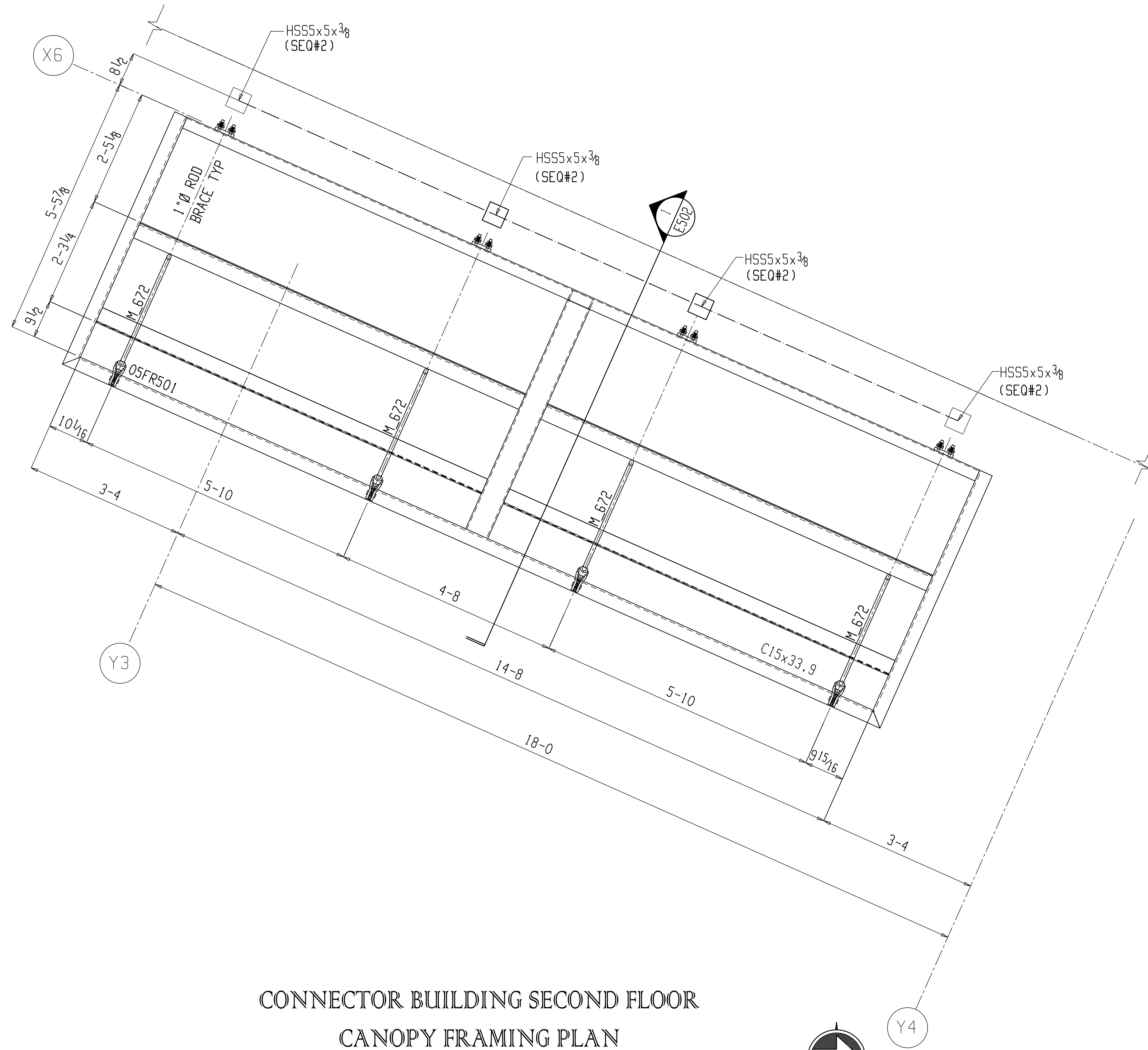
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT

DETAILER AJU 03-26-21	JOB NAME MILWAUKEE STATION APARTMENTS	PROJECT NO. 2210	REV A
CHECKER SHA 03-26-21	JOB LOCATION GREAT FALLS, MONTANA	DWG NO. E409	





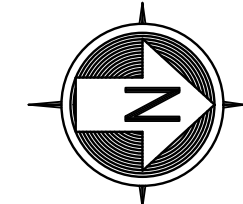
CONNECTOR BUILDING SECOND FLOOR  
CANOPY FRAMING PLAN

(REF DWG: S1.C2)

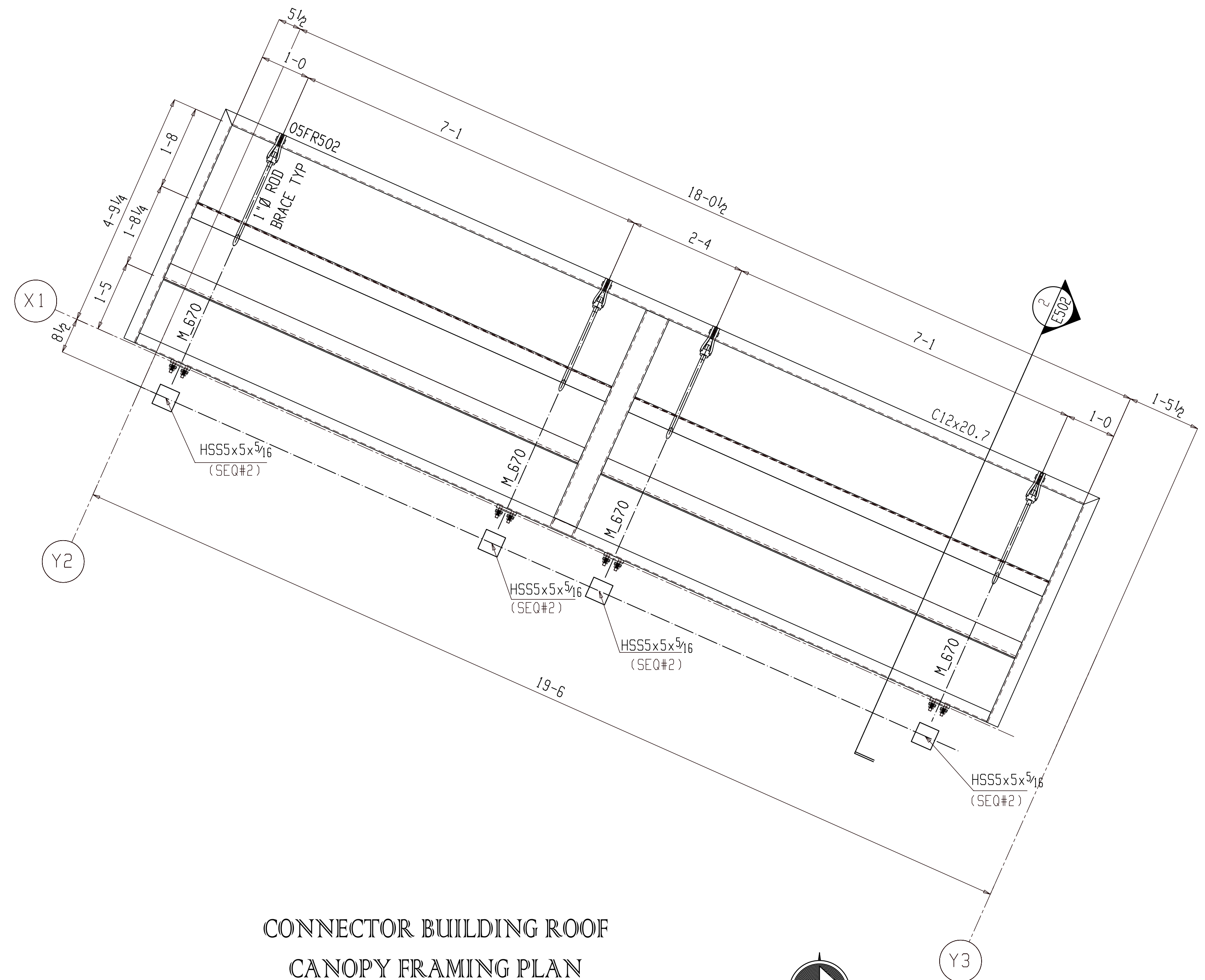
NOTES:

1. TOP OF STEEL ELEVATION: 112-8<sup>3</sup>/<sub>8</sub> (U.N.O)

SEQ#5



PLAN NORTH



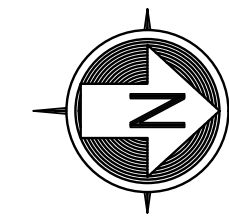
CONNECTOR BUILDING ROOF  
CANOPY FRAMING PLAN

(REF DWG: S1.C3)

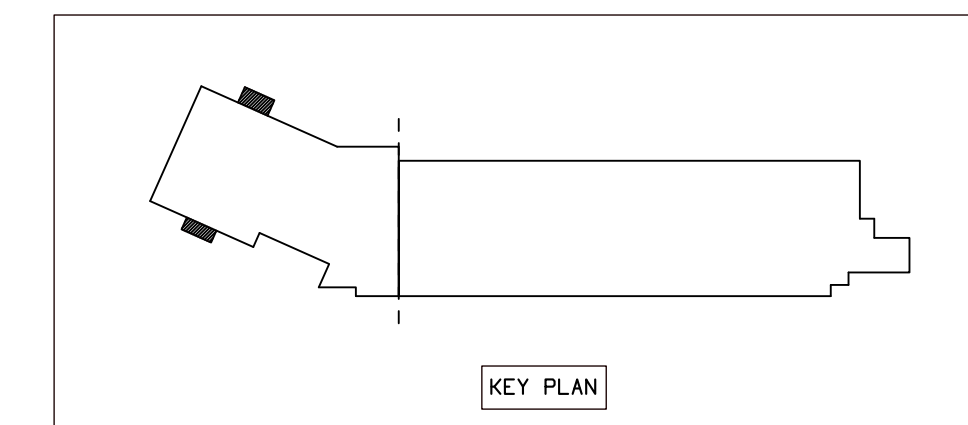
NOTES:

1. TOP OF STEEL ELEVATION: 125-6<sup>7</sup>/<sub>8</sub> (U.N.O)

SEQ#5



PLAN NORTH



KEY PLAN

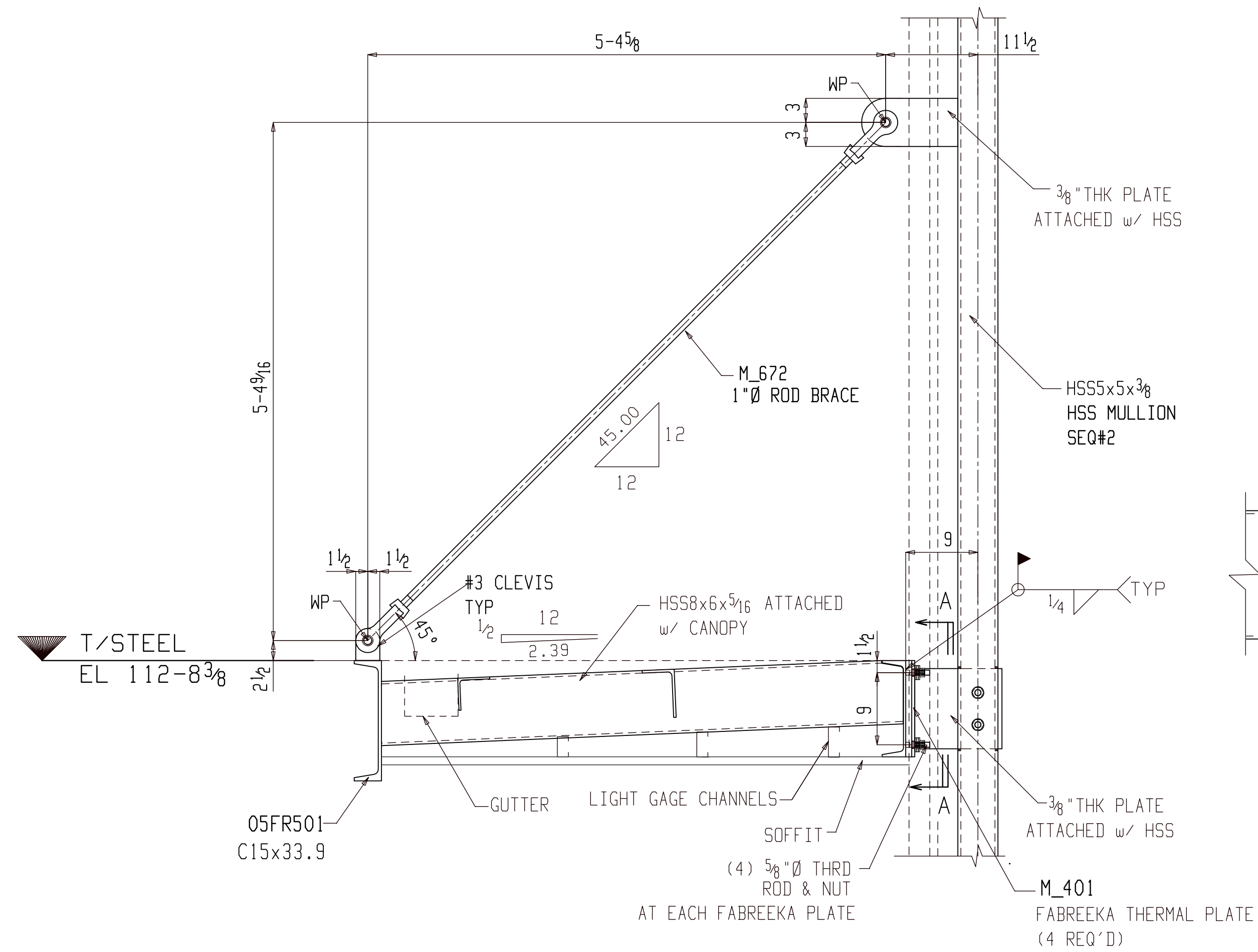
FOR FIELD USE

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

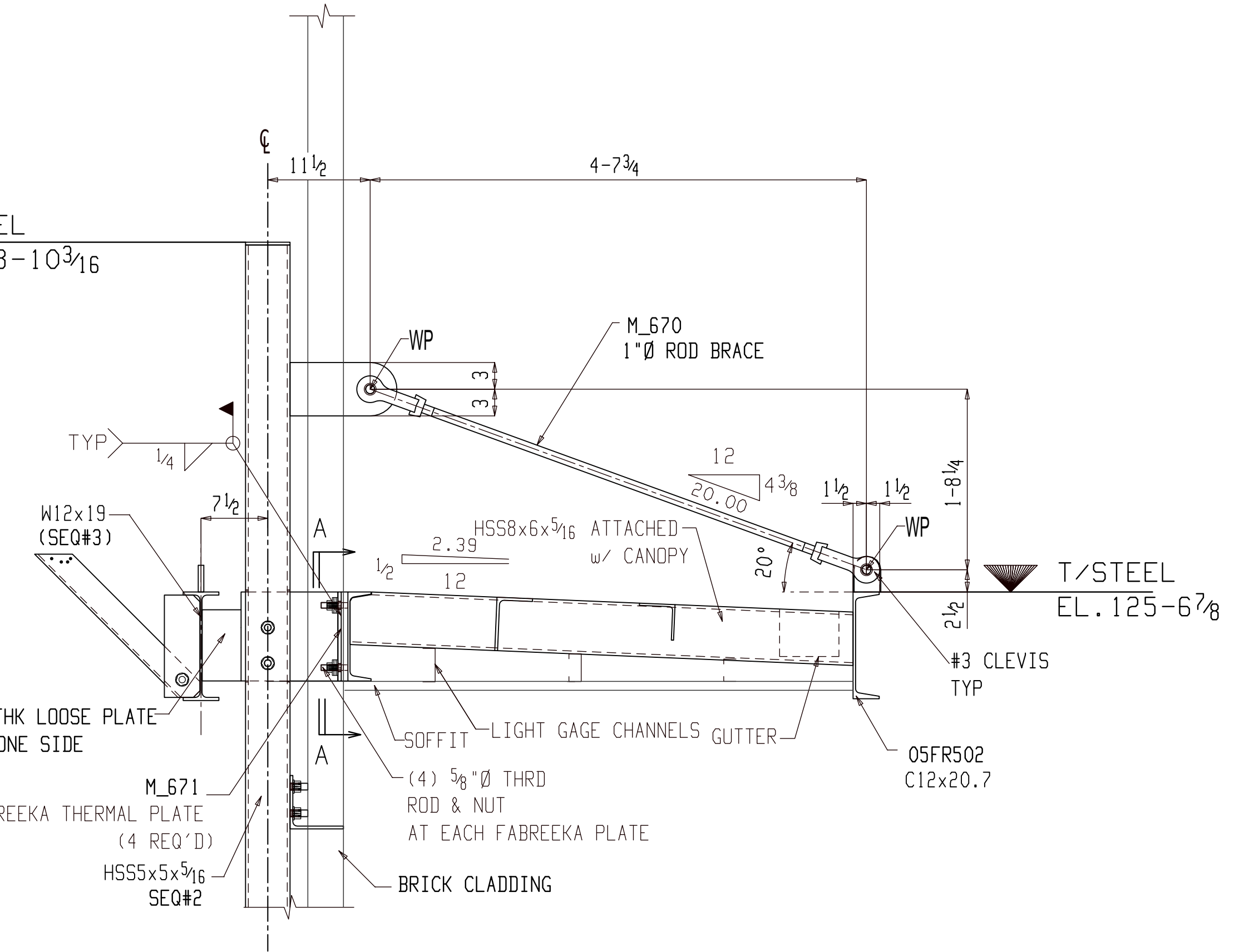
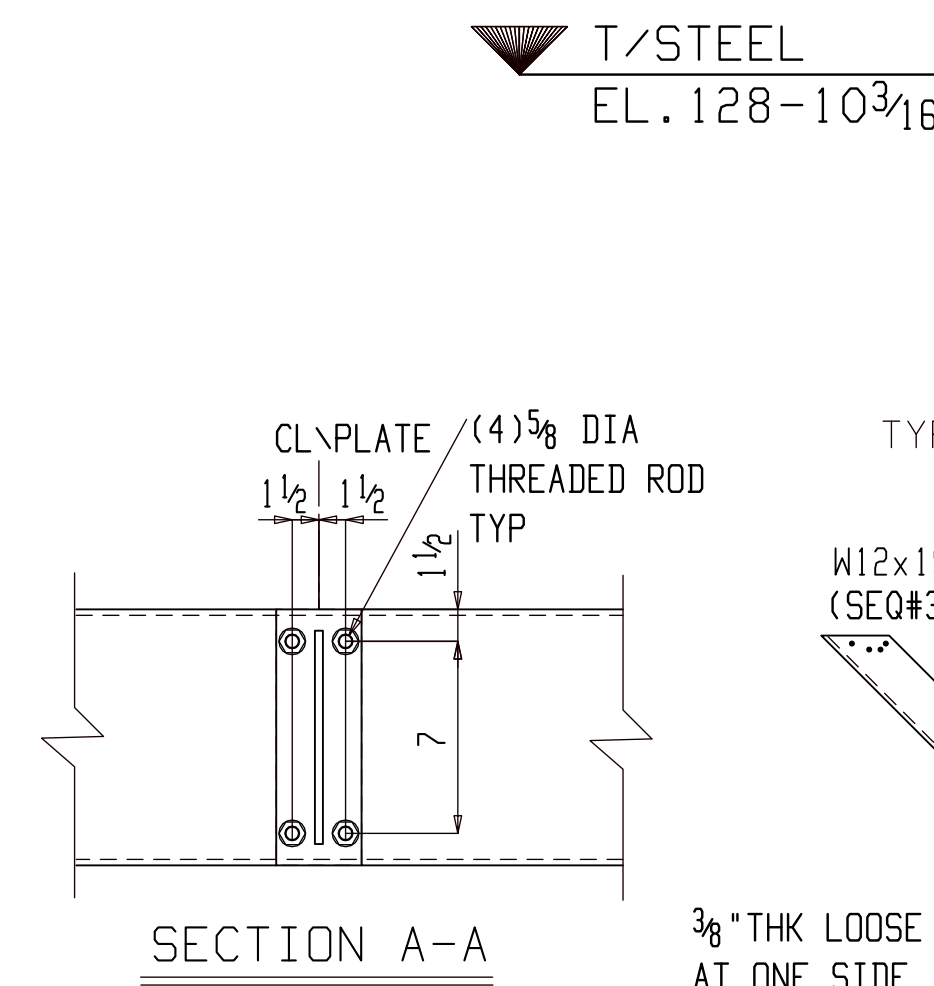
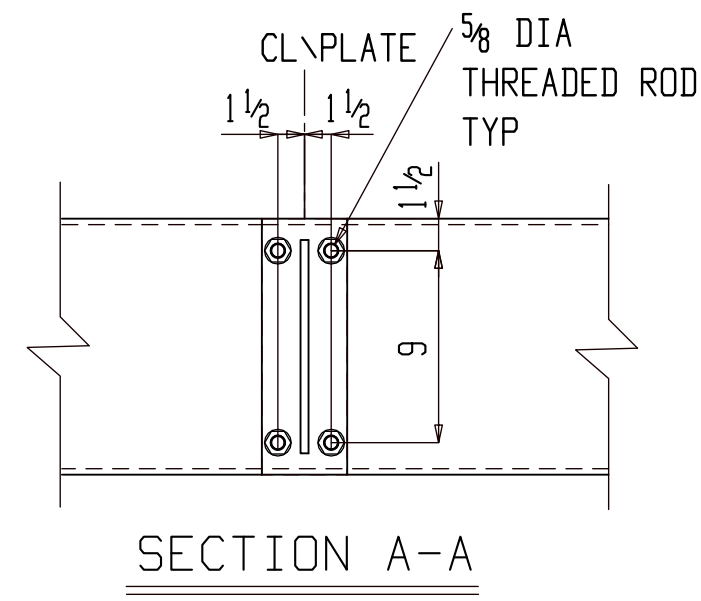
MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
0	For Field Use	07-07-22
A	For Approval	04-18-22
REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT				PROJECT NO.	REV
DATE	03-26-21	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DRAWN BY	SHA	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO.	E501
APPROVED					



1 SECTION AT COMMERCIAL CANOPY  
E502 (REFER: 16/S6.3)



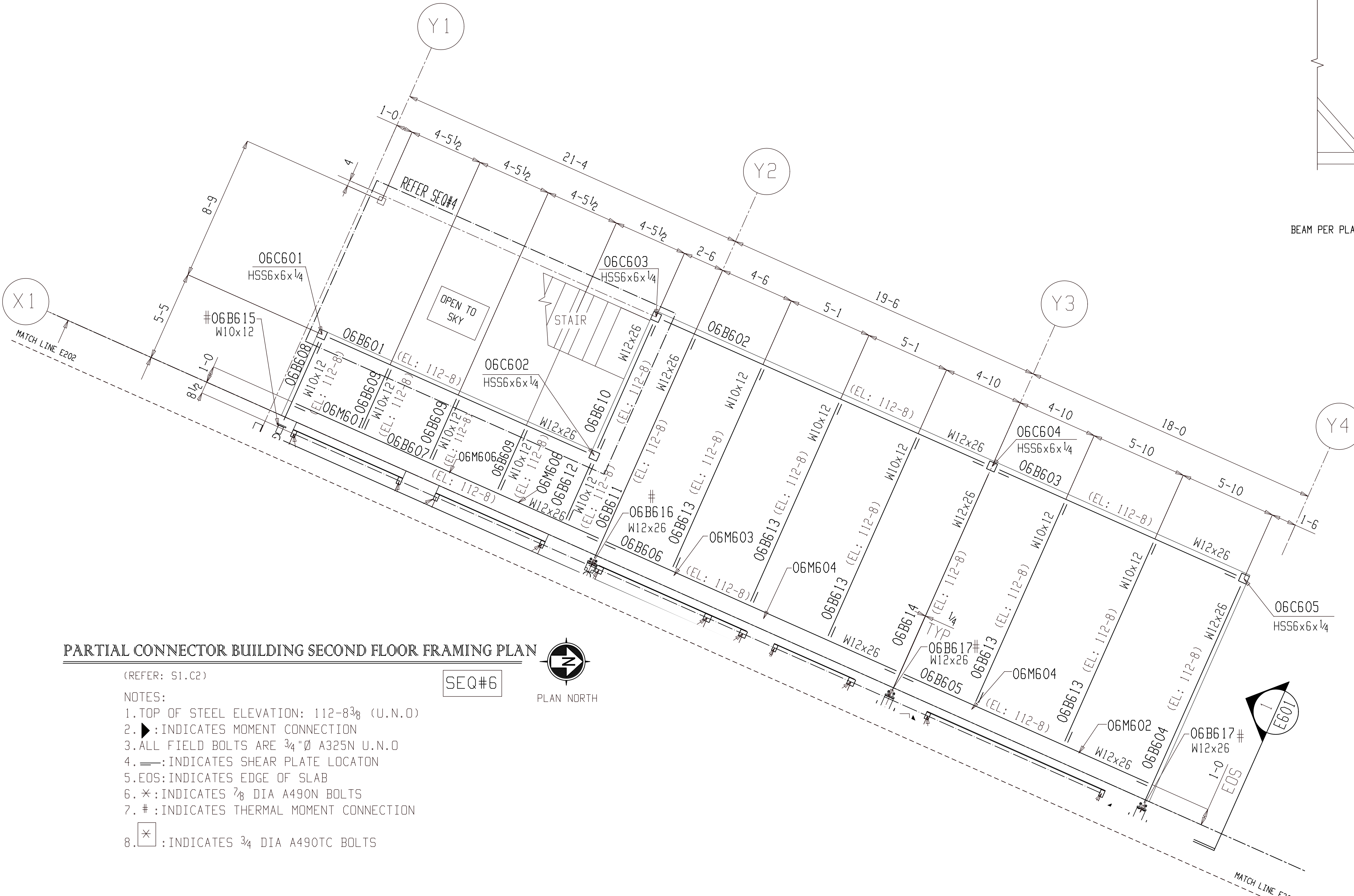
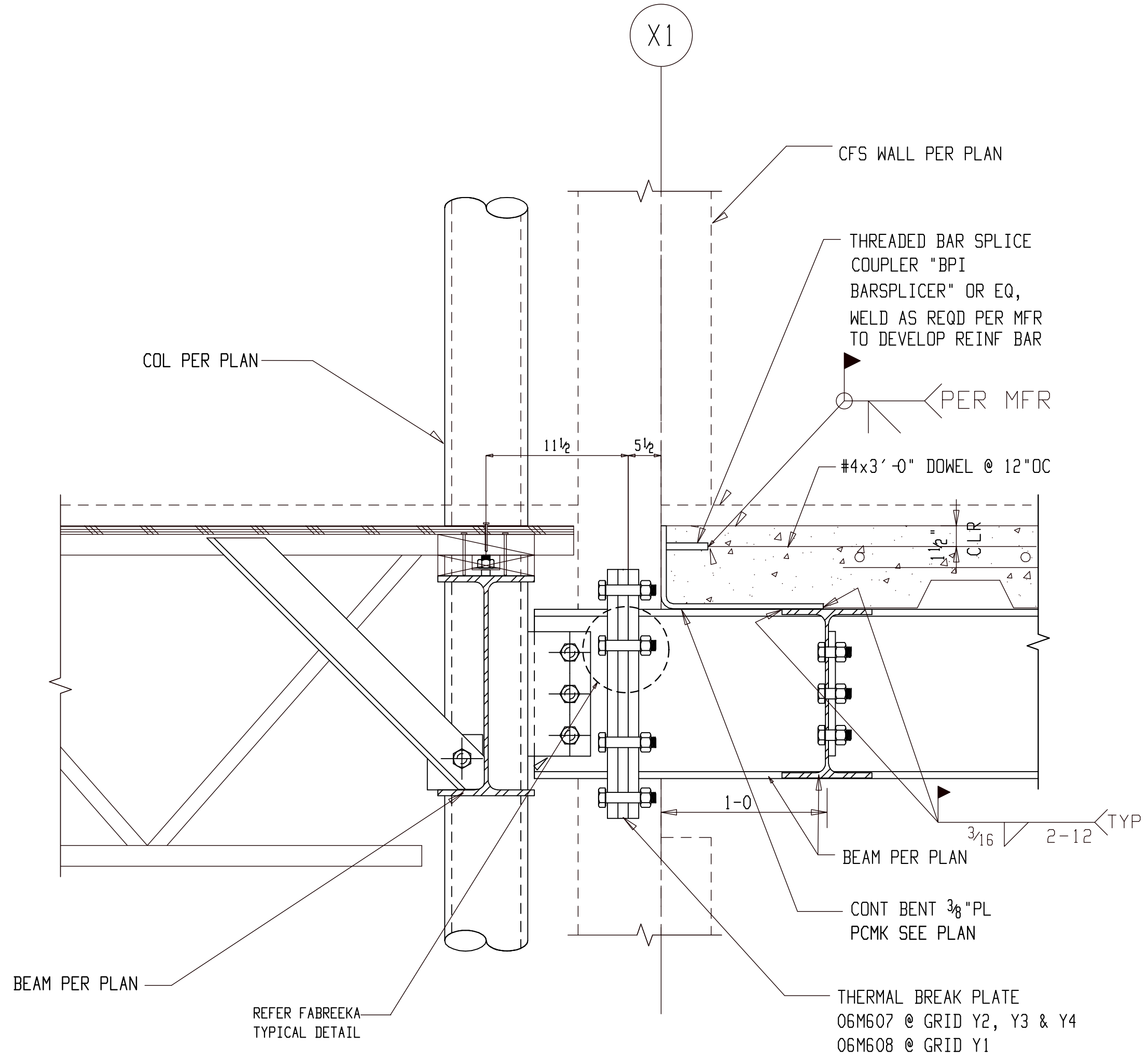
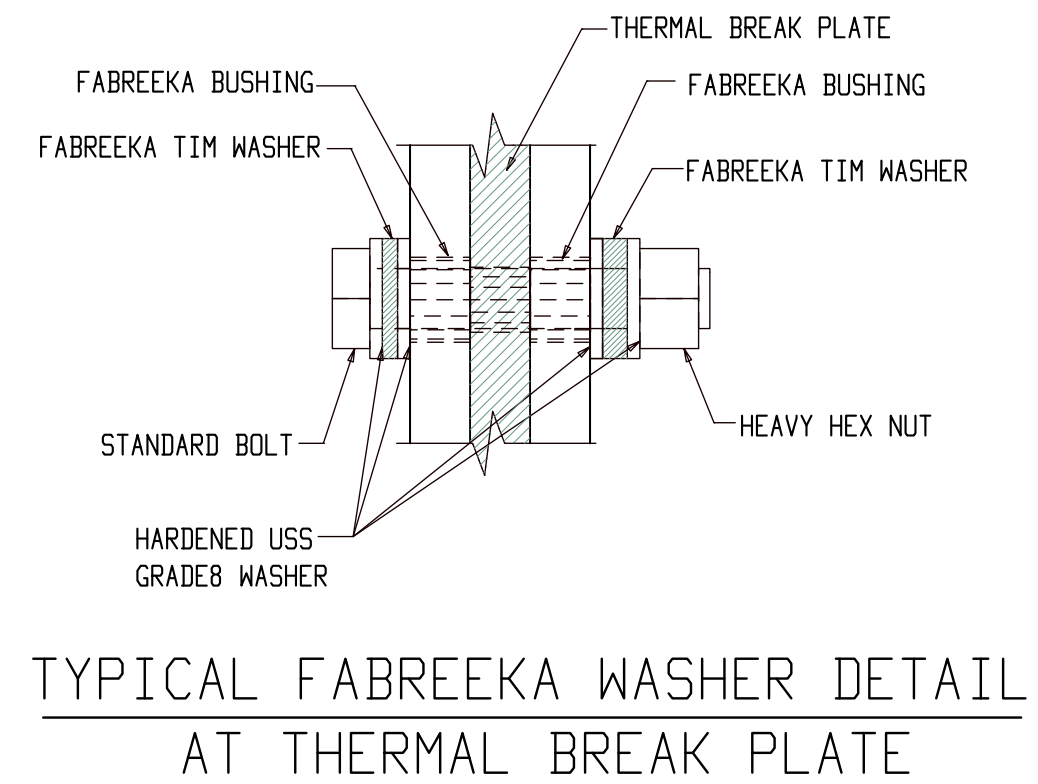
2 SECTION AT COMMERCIAL CANOPY  
E502 (REFER: 16/S6.3)

FOR FIELD USE

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
OIB1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
0	For Field Use	07-07-22
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT				PROJECT NO.	REV
DATE	AJU	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	03-26-21	JOB LOCATION	GREAT FALLS, MONTANA		
DESIGNER	SHA				
APPROVED	03-26-21				E502



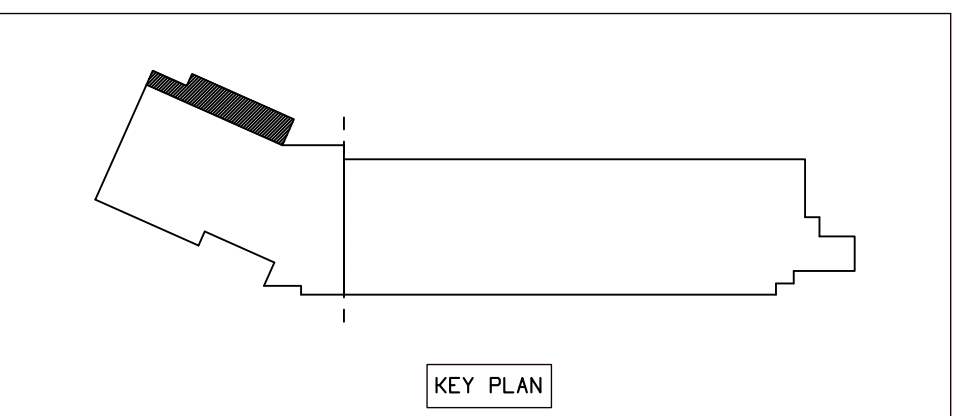
**PARTIAL CONNECTOR BUILDING SECOND FLOOR FRAMING PLAN**

- (REFER: S1.C2)
- NOTES:
1. TOP OF STEEL ELEVATION: 112-8 3/8 (U.N.O)
  2. INDICATES MOMENT CONNECTION
  3. ALL FIELD BOLTS ARE 3/4" A325N U.N.O
  4. INDICATES SHEAR PLATE LOCATON
  5. EOS: INDICATES EDGE OF SLAB
  6. \* : INDICATES 7/8 DIA A490N BOLTS
  7. # : INDICATES THERMAL MOMENT CONNECTION
  8. : INDICATES 3/4 DIA A490TC BOLTS

SEQ#6



**1 MOMENT CONN. AT THERMAL BREAK E601**  
(REFER: 10/S6.4 & 15/S6.4)

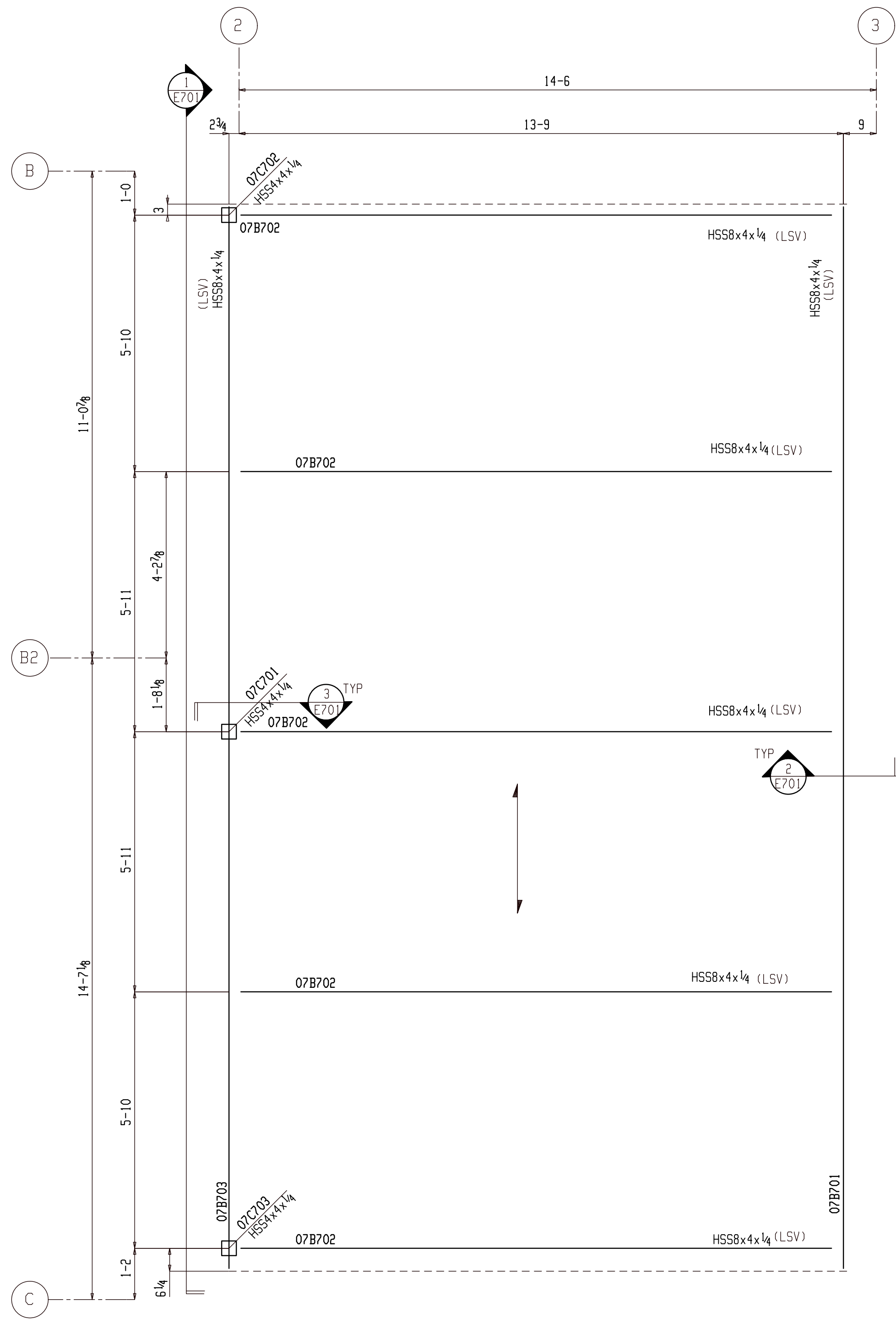


**FOR FIELD USE**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
OIB1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
0	For Field Use	07-06-22
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN	JOB LOCATION	2210	
SHA	GREAT FALLS, MONTANA		
03-26-21			E601



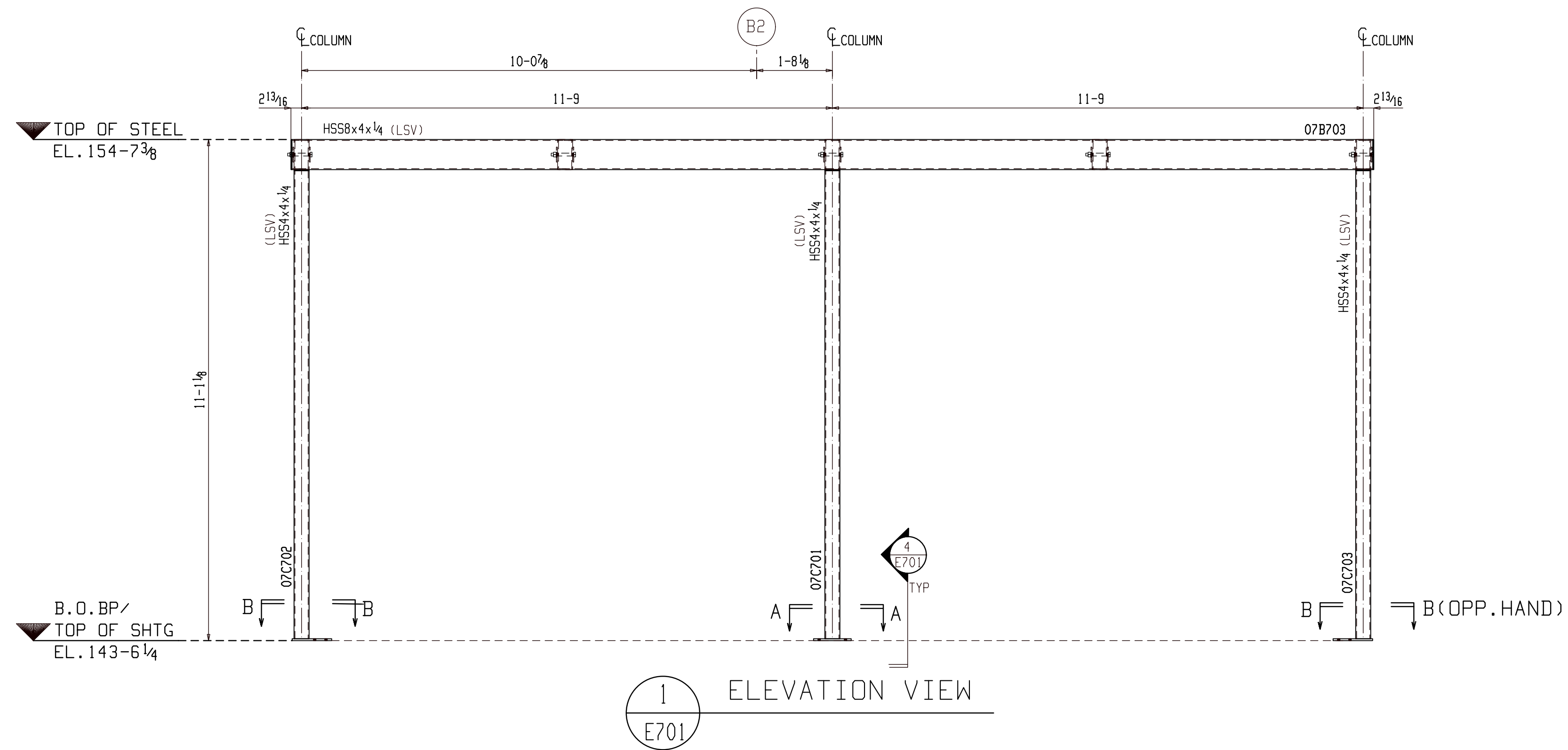
**ROOF FRAMING PLAN**

(REF DWG: S2.5A)

SEQ#7

**NOTES:**

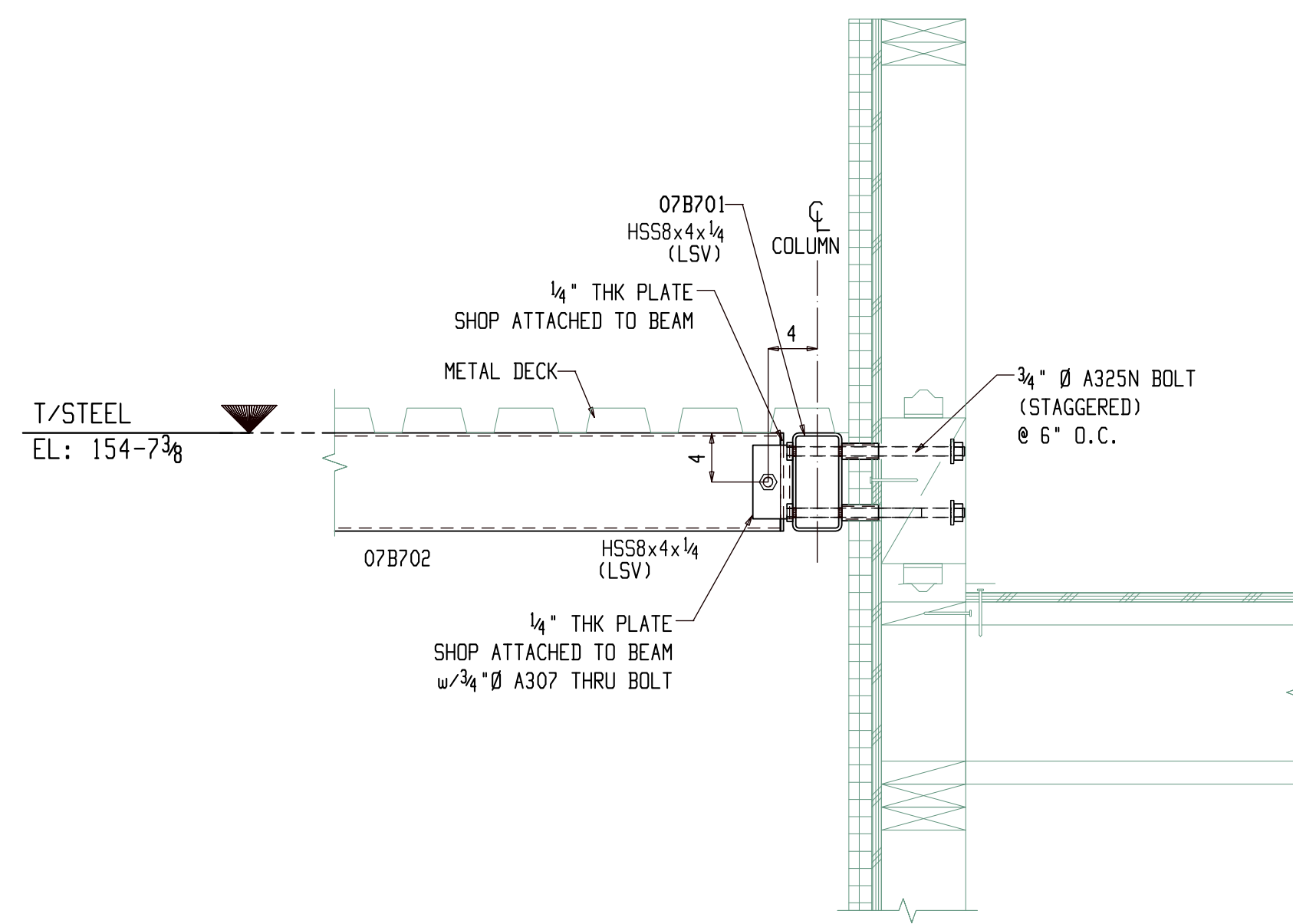
1. TOP OF STEEL ELEVATION: 154-7<sup>3</sup>/<sub>8</sub> (U.N.O)
2. ———— INDICATES DECK DIRECTION.
3. (LSV) ---- INDICATES LONG SIDE VERTICAL.
4. REFER SAME SHEET FOR TYPICAL DETAILS.



**1 ELEVATION VIEW**  
E701

**NOTES:**

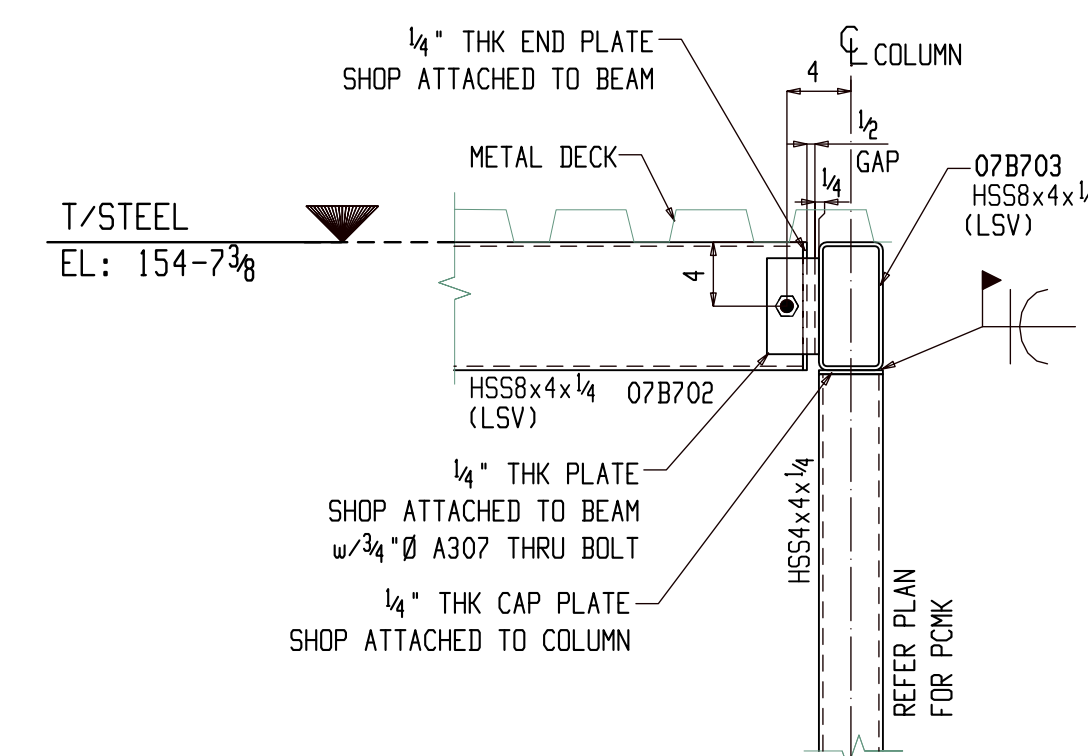
1. (LSV) ---- INDICATES LONG SIDE VERTICAL.



**2 SECTION VIEW**  
E701 (REF. SECTION 1/S7.6)

**NOTES:**

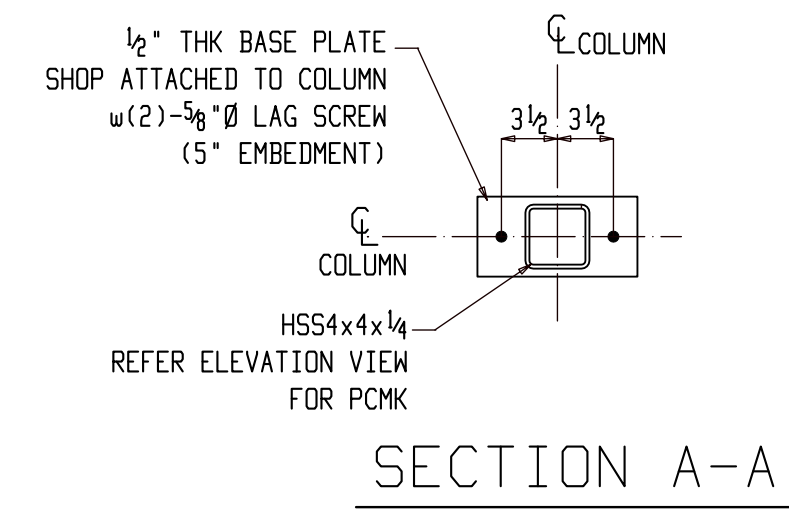
1. (LSV) ---- INDICATES LONG SIDE VERTICAL.



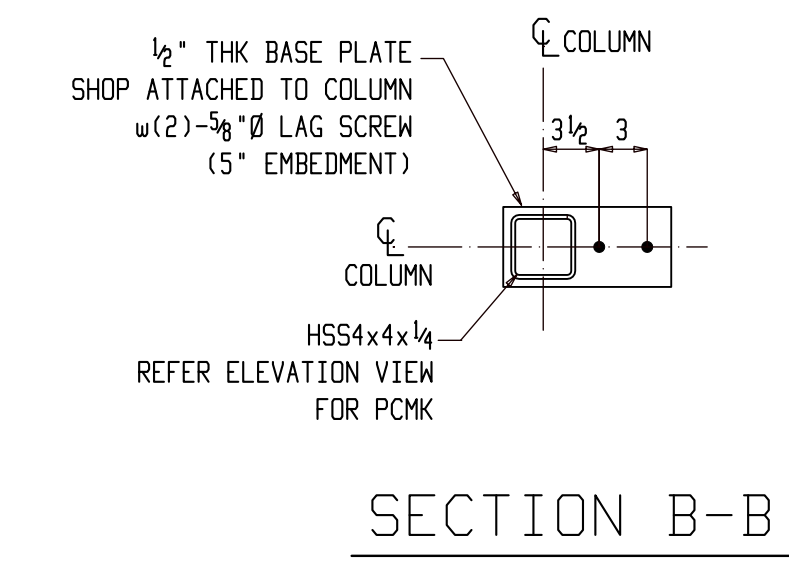
**3 SECTION VIEW**  
E701 (REF. SECTION 1/S7.6)

**NOTES:**

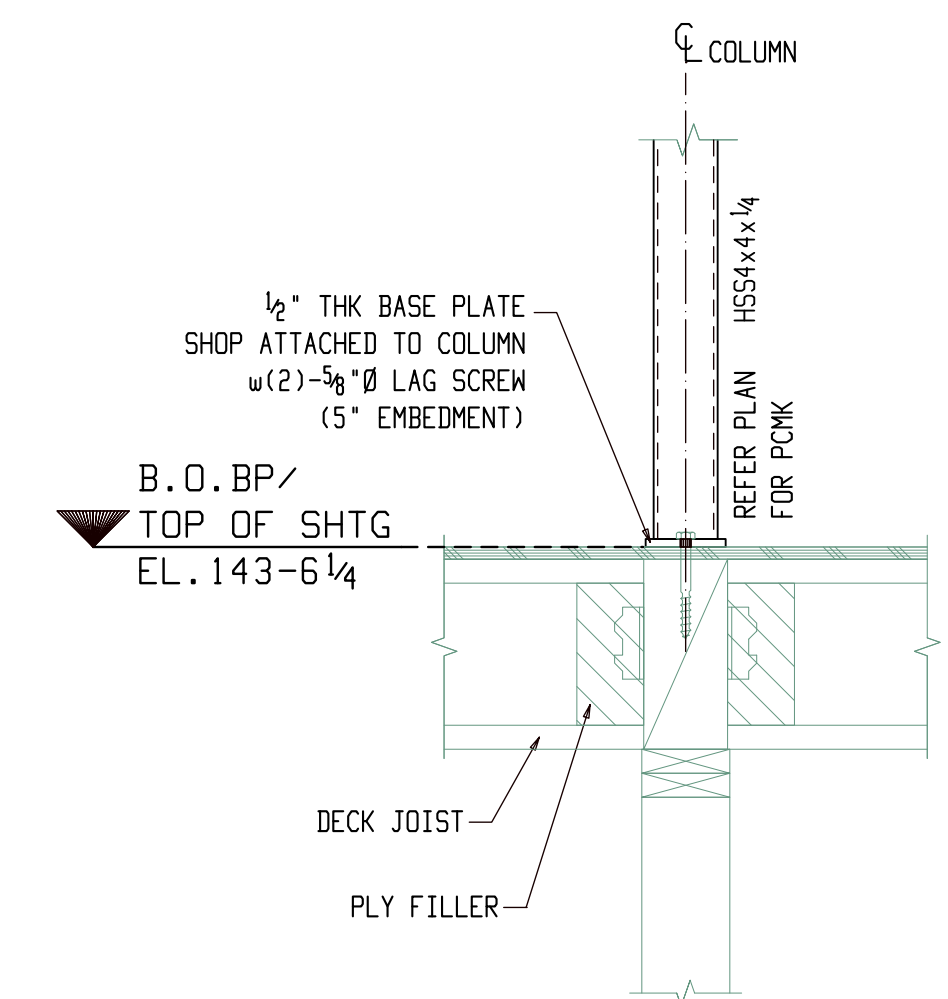
1. (LSV) ---- INDICATES LONG SIDE VERTICAL.



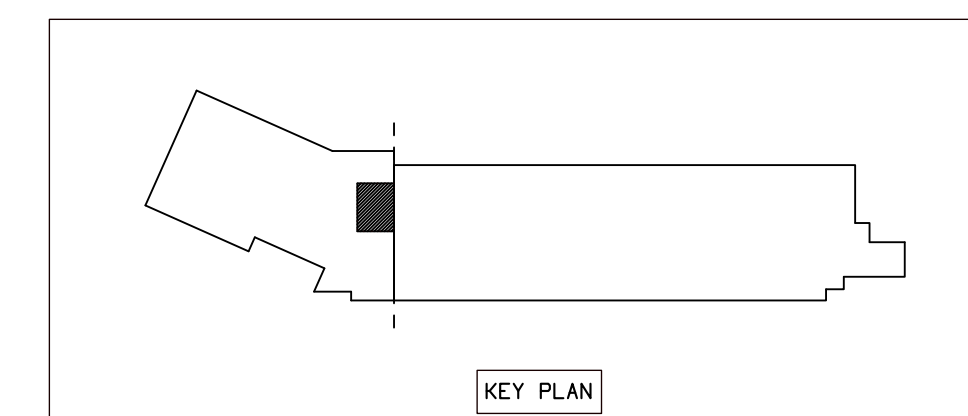
**SECTION A-A**



**SECTION B-B**



**4 SECTION VIEW**  
E701 (REF. SECTION 3/S7.6)

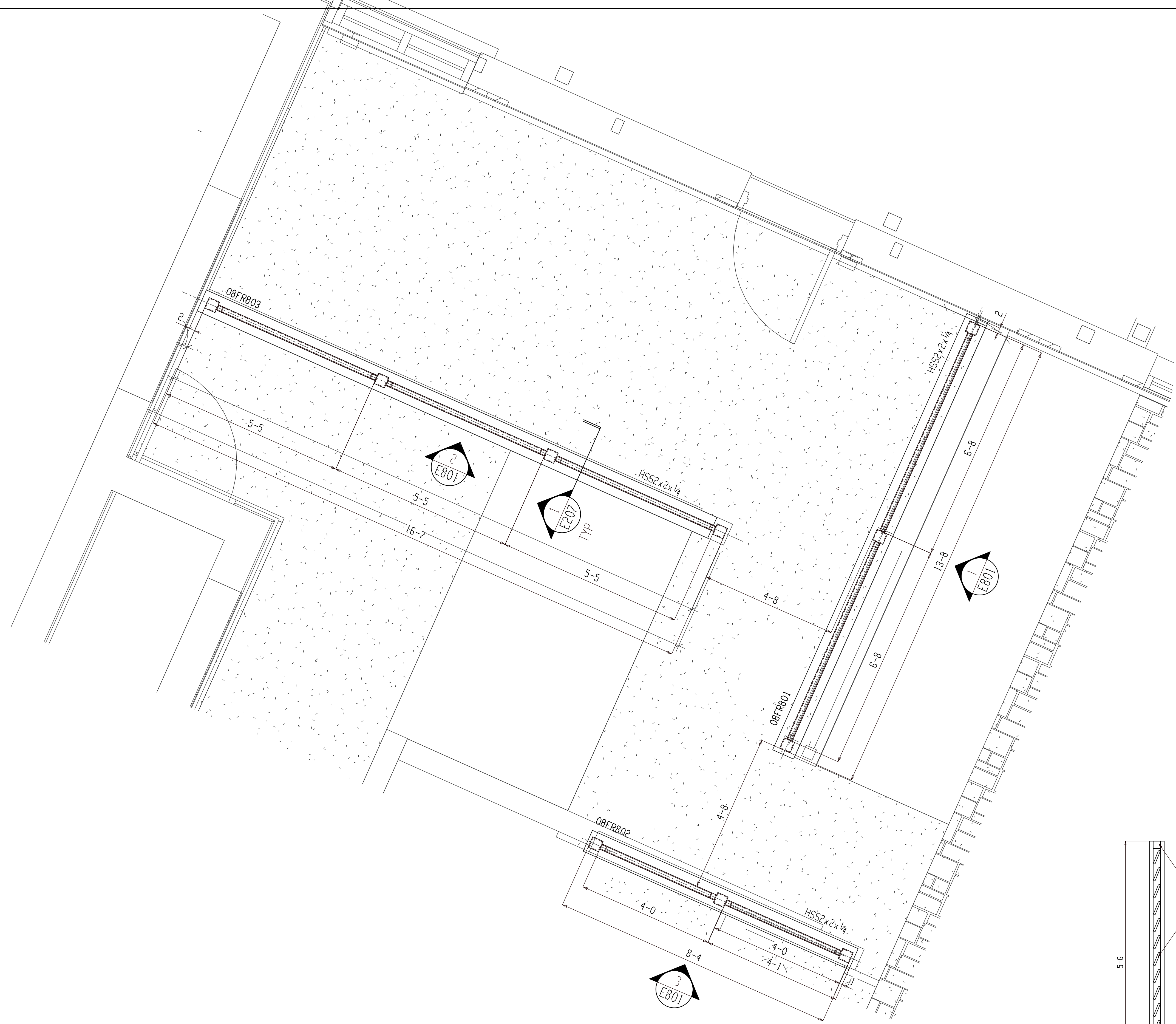


KEY PLAN

**FOR FIELD USE**

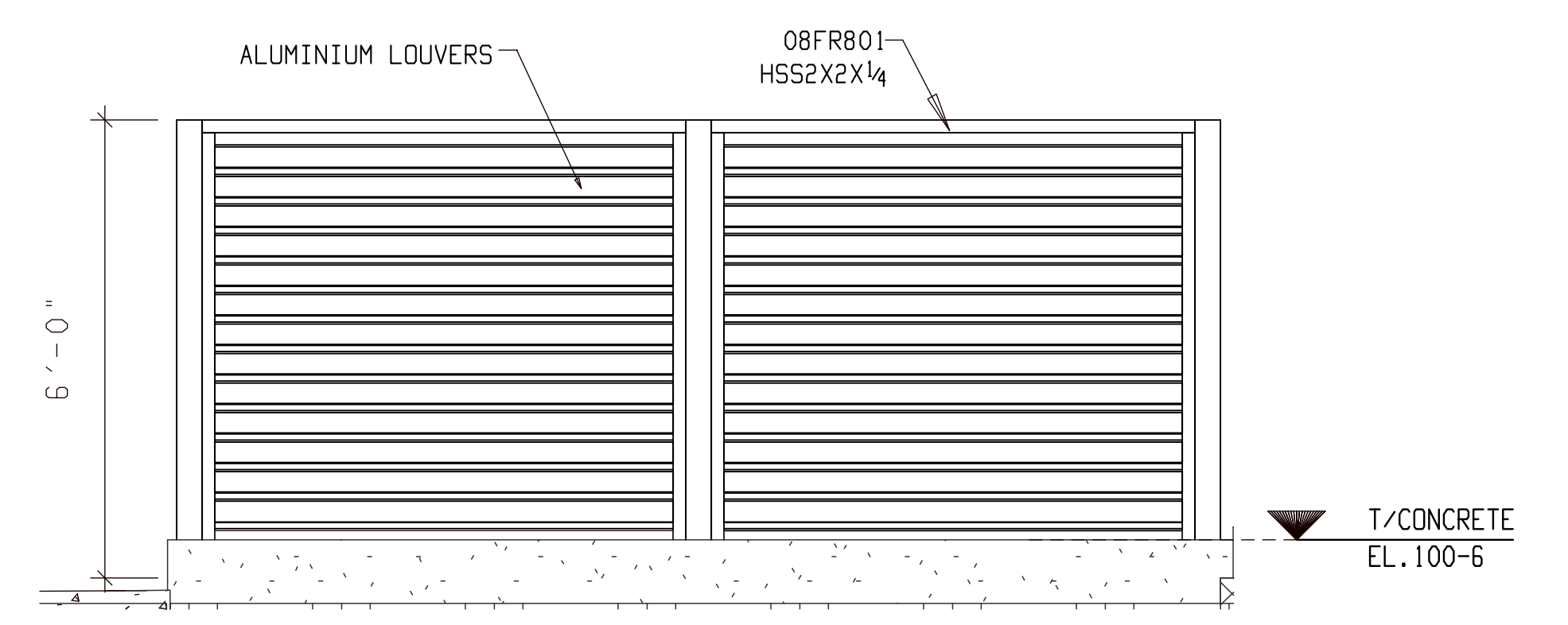
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE		
MARKING		
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-06-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			E701

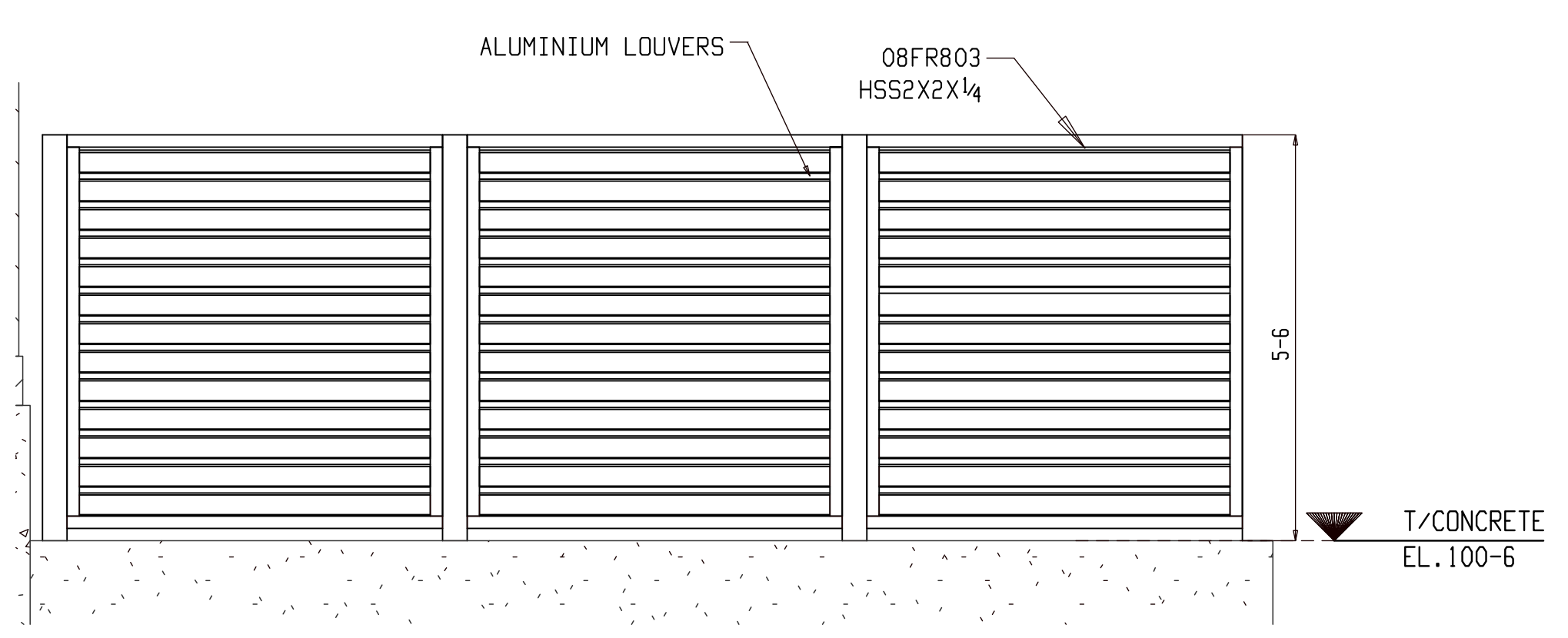


**COMMERCIAL SCREENED ENCLOSURE RAIL PLAN**  
 (REFER: 6/AS1.1)  
 TOP OF CONCRETE WALL: 100-6 (U.N.D.)

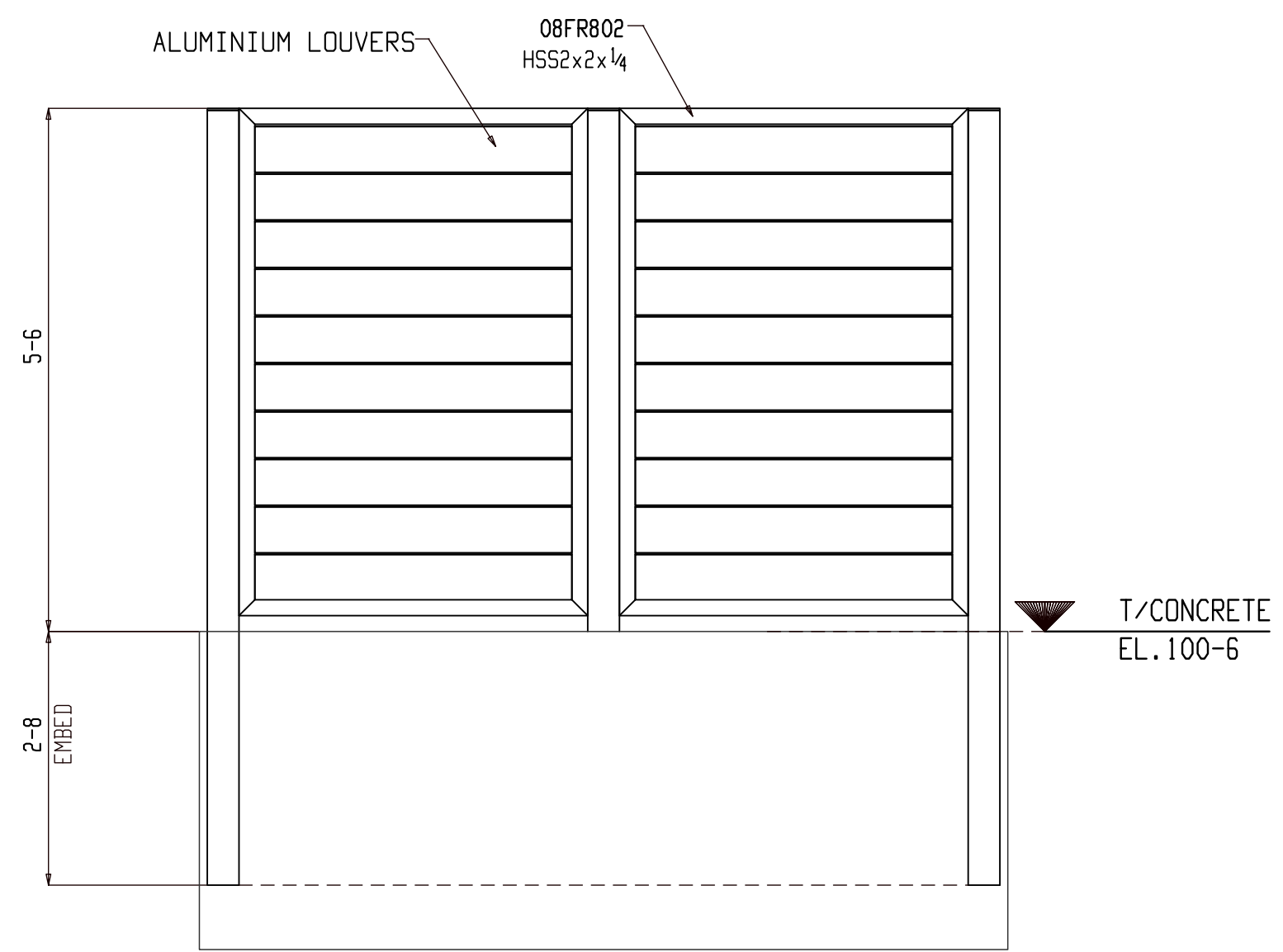
SEQ#8



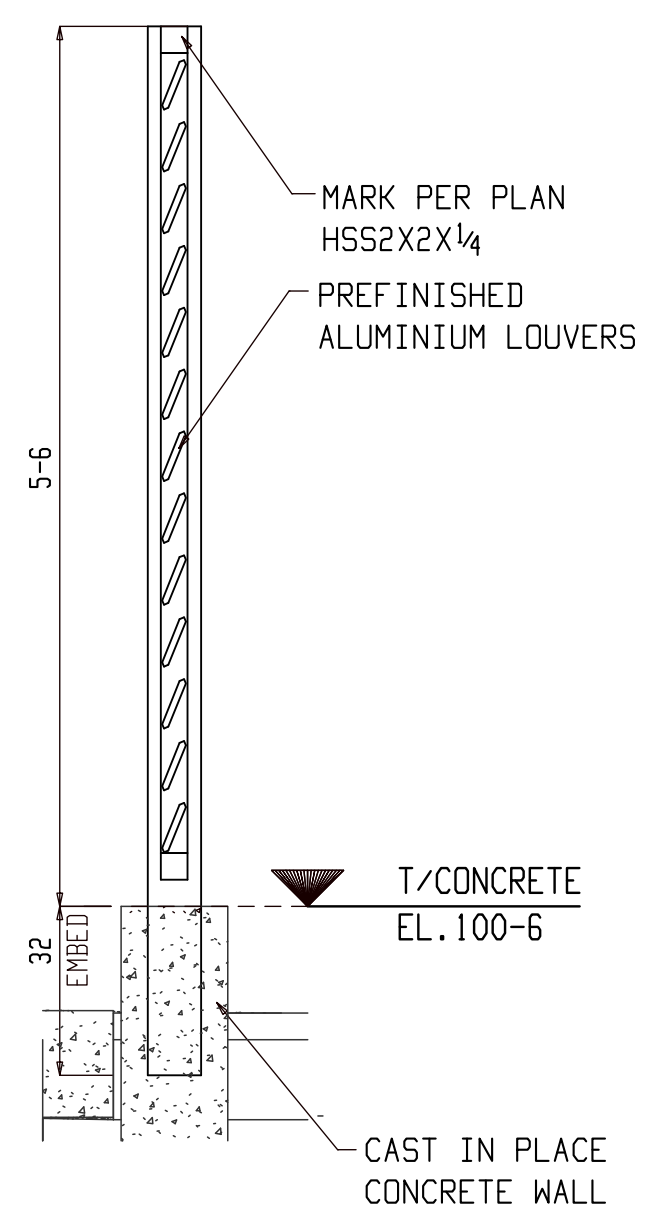
1 COMMERCIAL SCREEN ENCLOSURE ELEVATION VIEW  
 E801 (REFER: 7/AS1.1)



2 COMMERCIAL SCREEN ENCLOSURE ELEVATION VIEW  
 E801 (REFER: 8/AS1.1)



3 COMMERCIAL SCREEN ENCLOSURE ELEVATION VIEW  
 E801



4 SECTION AT SCREEN WALL  
 E801 (REFER: 9/AS1.1)

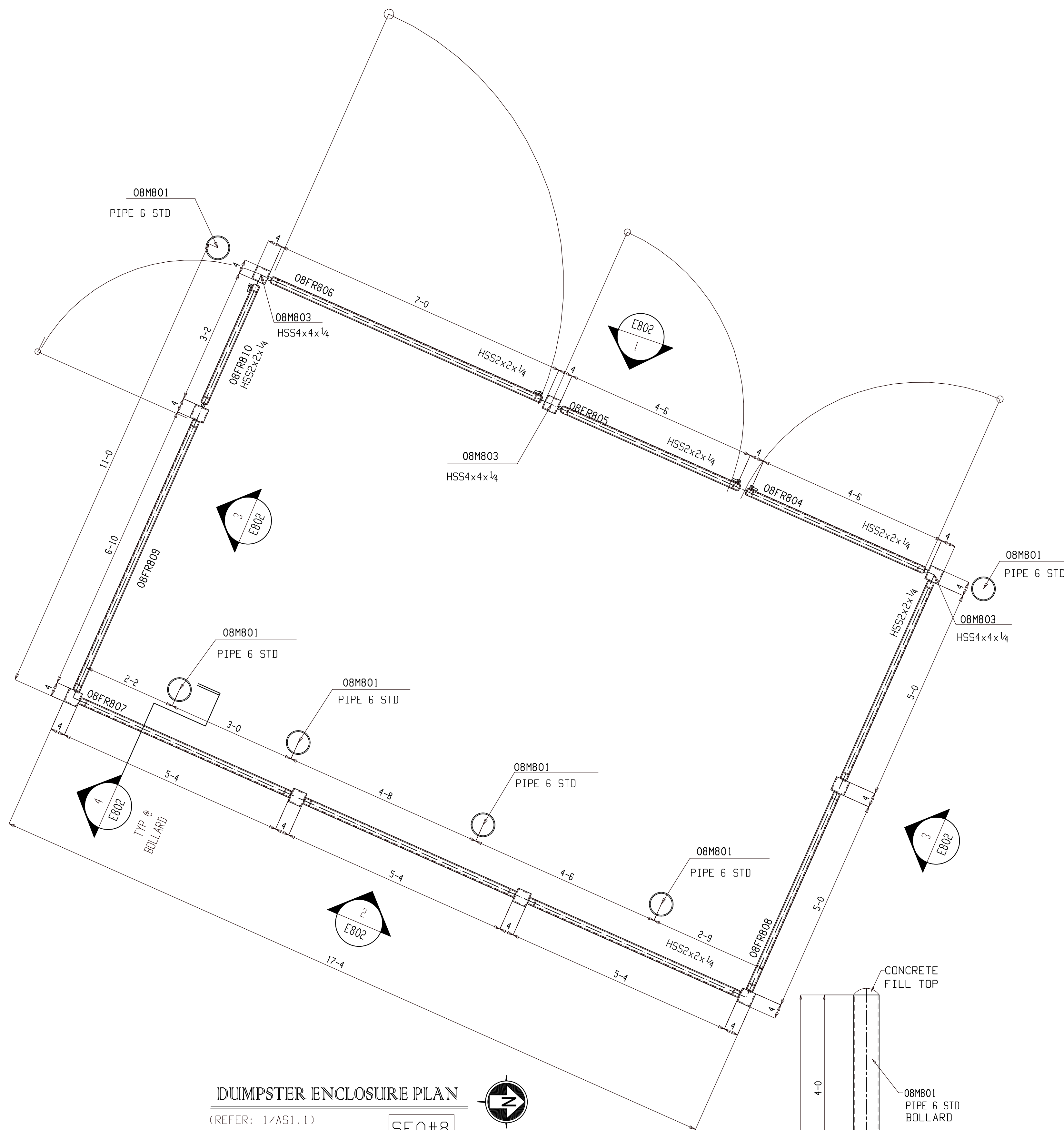
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

DETAILER	DATE	CHECKER	DATE	APPROVED	DATE	PROJECT NO	REV
AJU	03-26-21	SHA	03-26-21			2210	2

GENERAL ARRANGEMENT  
 MILWAUKEE STATION APARTMENTS  
 GREAT FALLS, MONTANA

E801



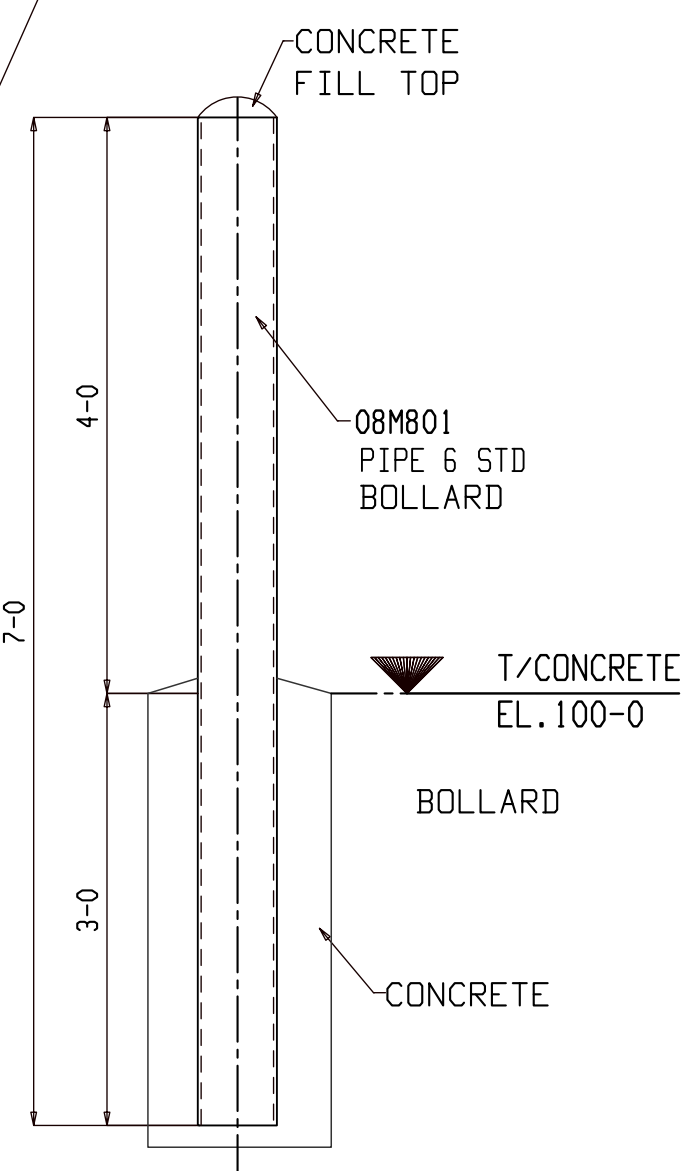
**DUMPSTER ENCLOSURE PLAN**

(REFER: 1/AS1.1)

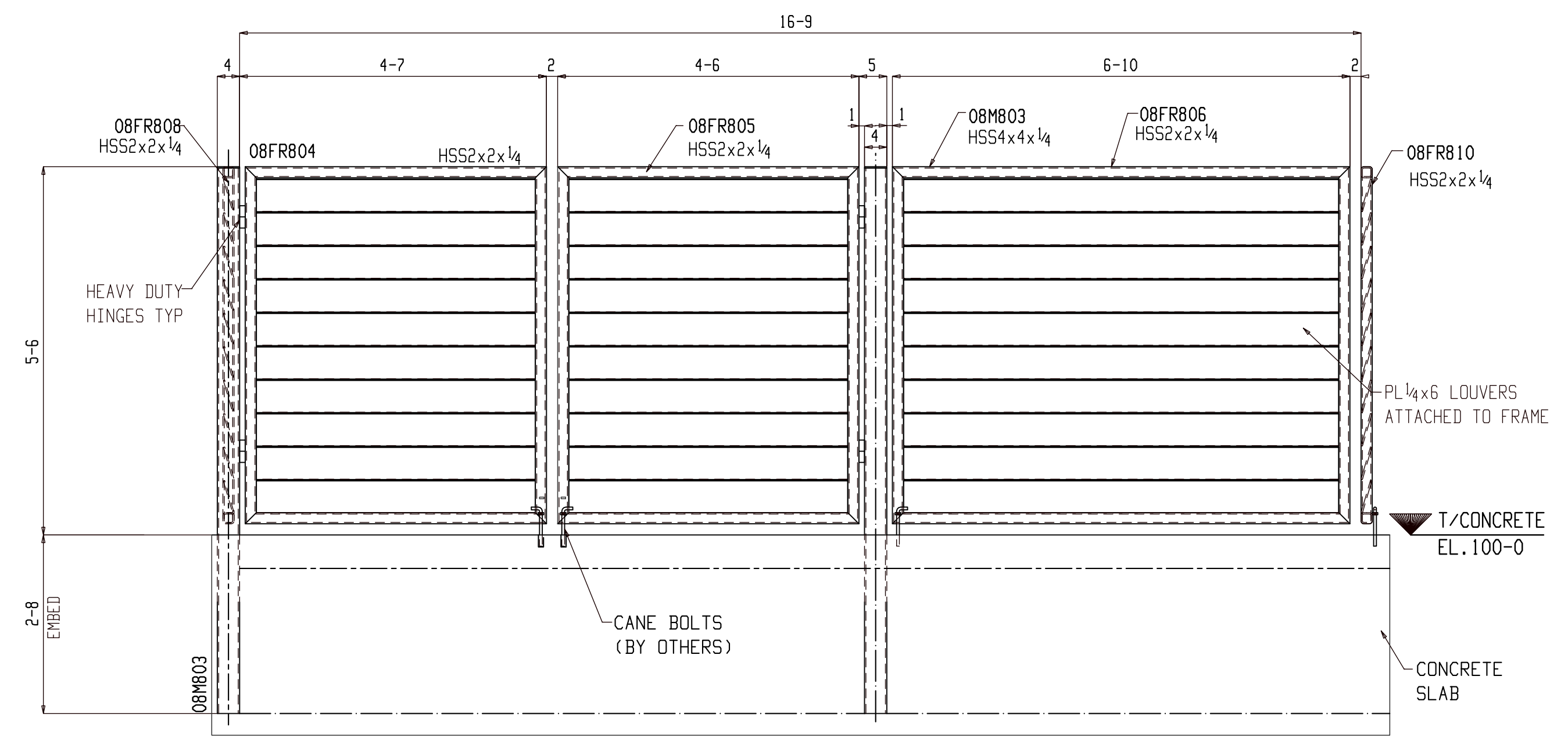
SEQ#8



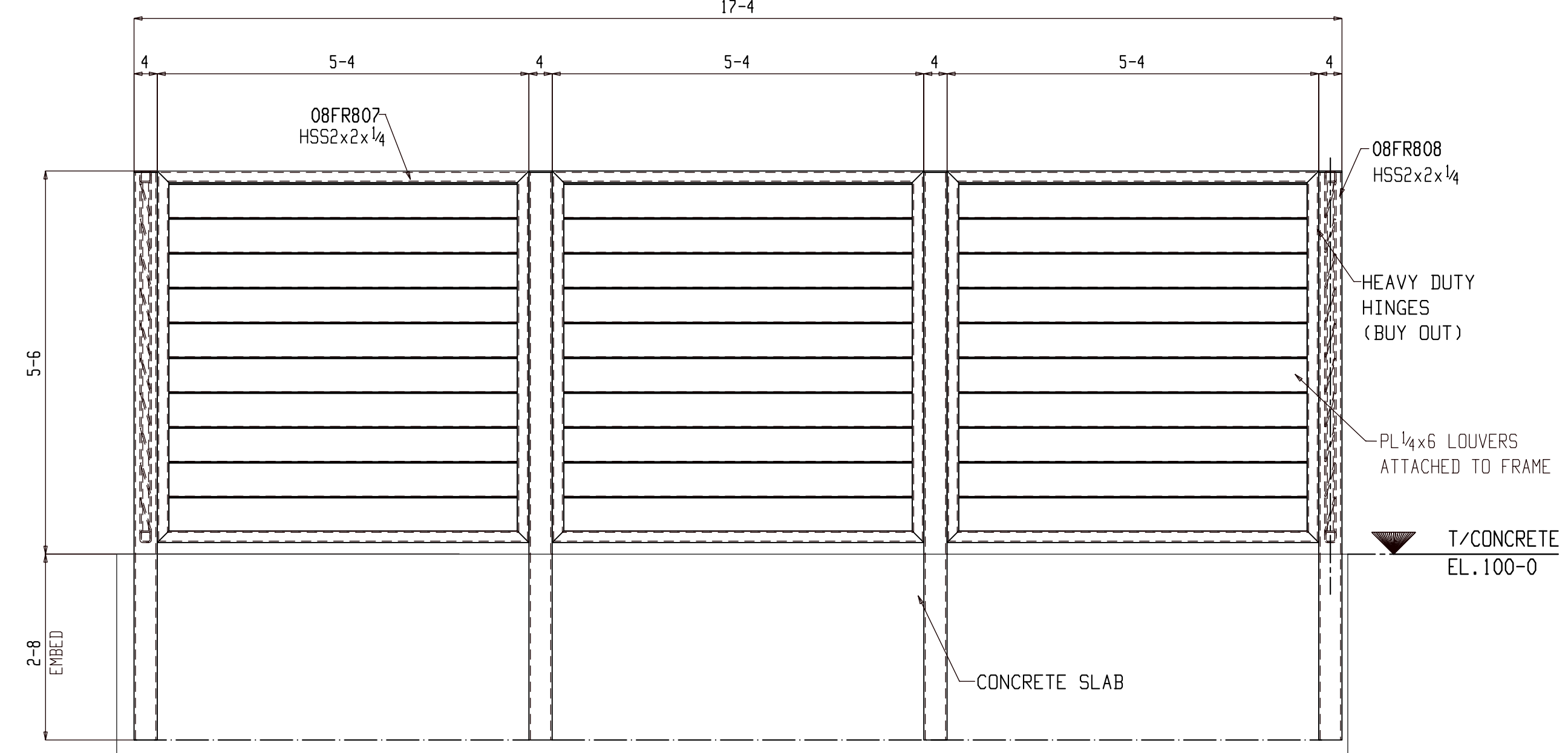
PLAN NORTH



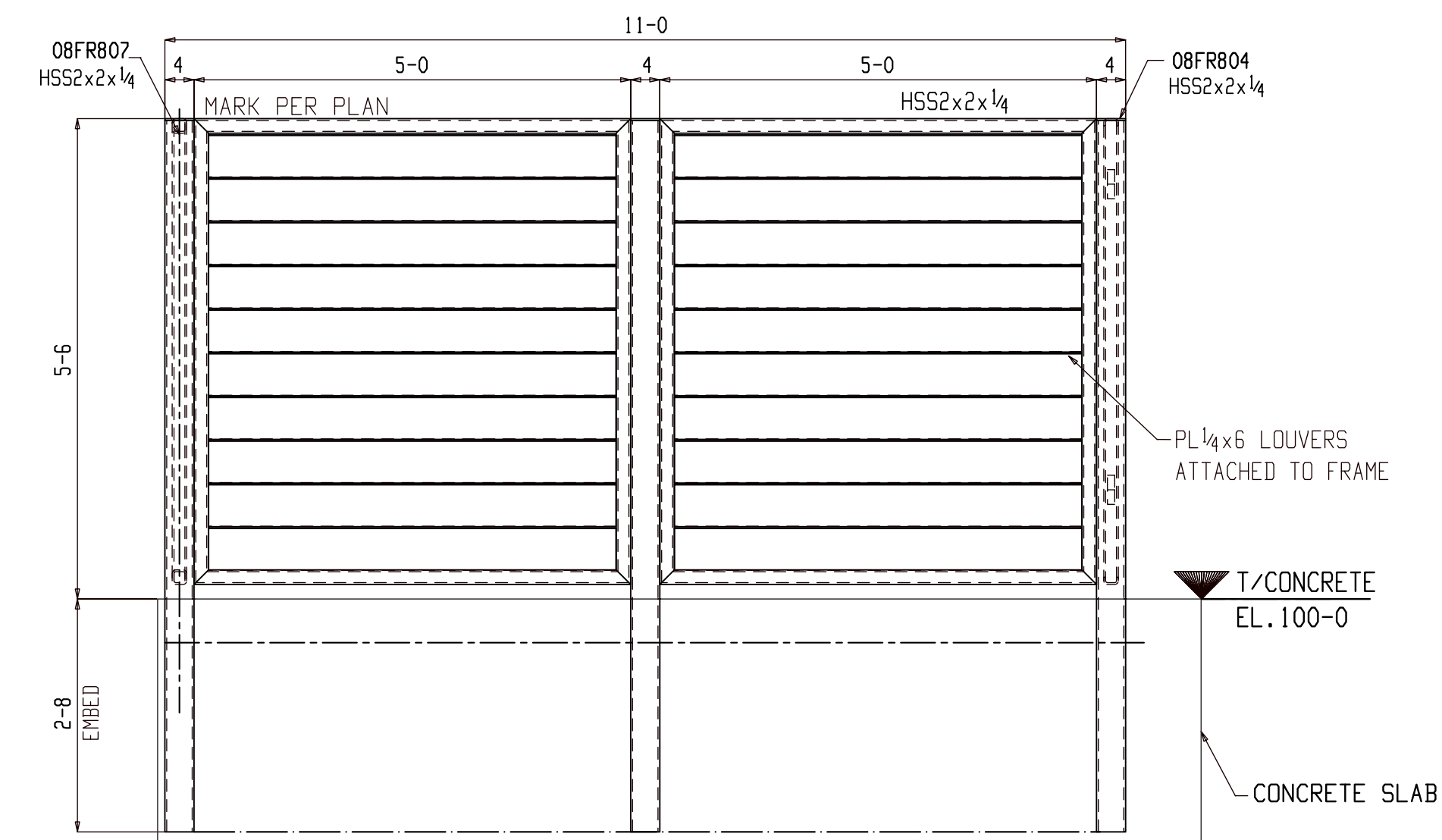
**4 SECTION AT BOLLARD**  
(REFER: 4/E802)



**1 DUMPSTER ENCLOSURE ELEVATION VIEW**  
(REFER: 2/AS1.1)



**2 DUMPSTER ENCLOSURE ELEVATION VIEW**  
(REFER: 4/AS1.1)

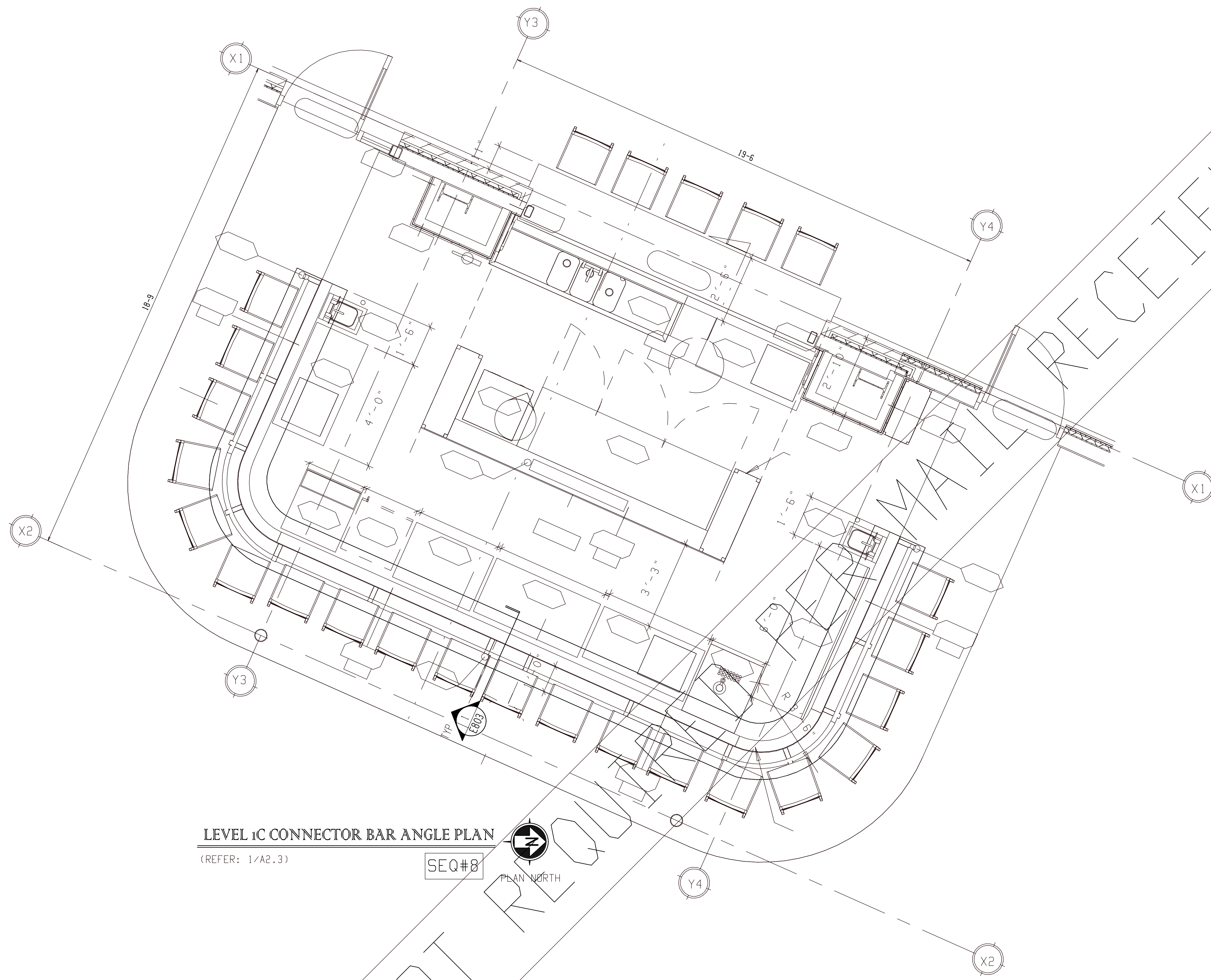


**3 DUMPSTER ENCLOSURE ELEVATION VIEW**  
(REFER: 3/AS1.1)

MARKING		
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

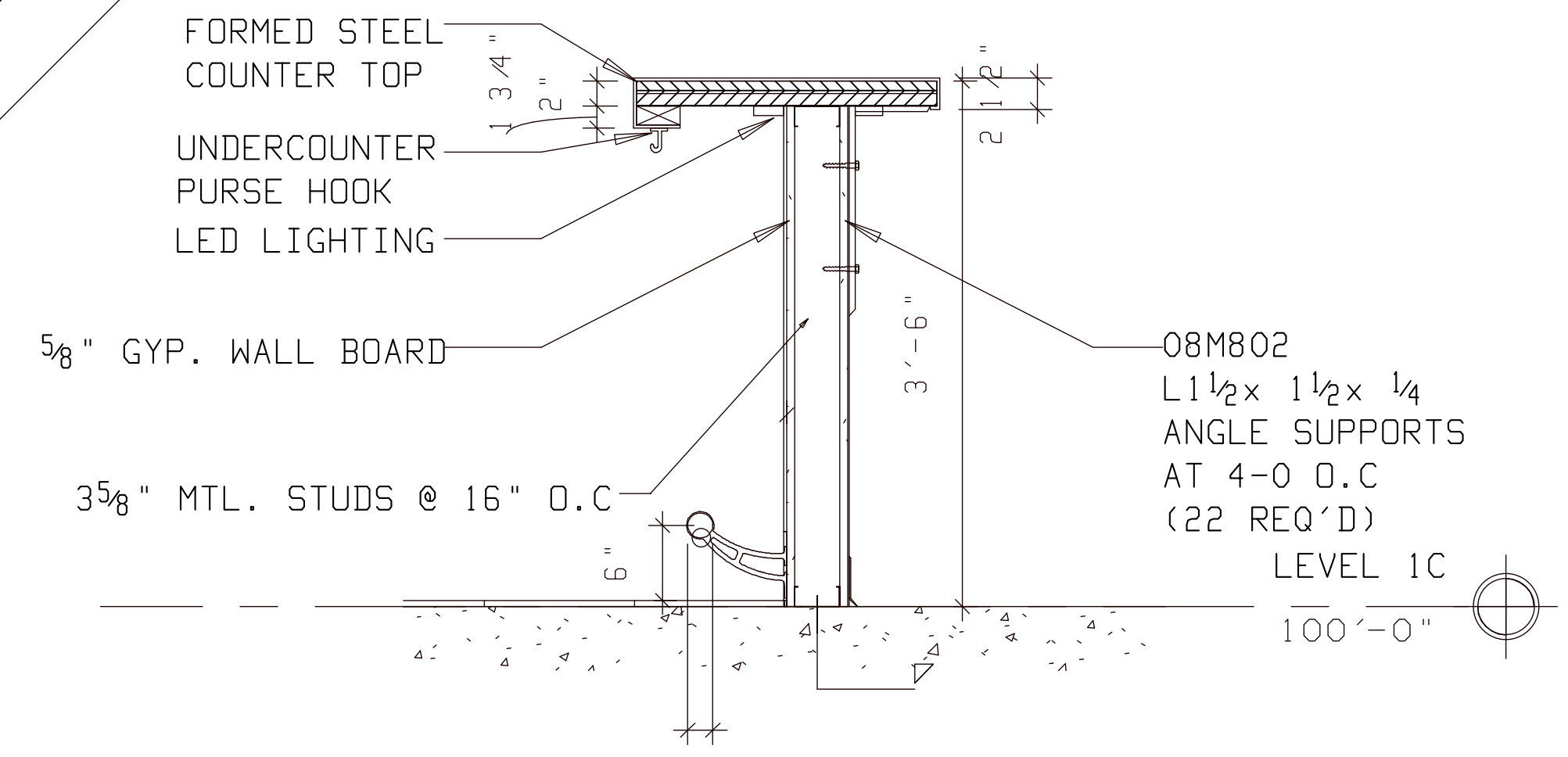
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

DETAILS	ANU	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	03-26-21	CHECKER	SHA	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	03-26-21				



**LEVEL 1C CONNECTOR BAR ANGLE PLAN**  
(REFER: 1/A2.3)

SEQ#8

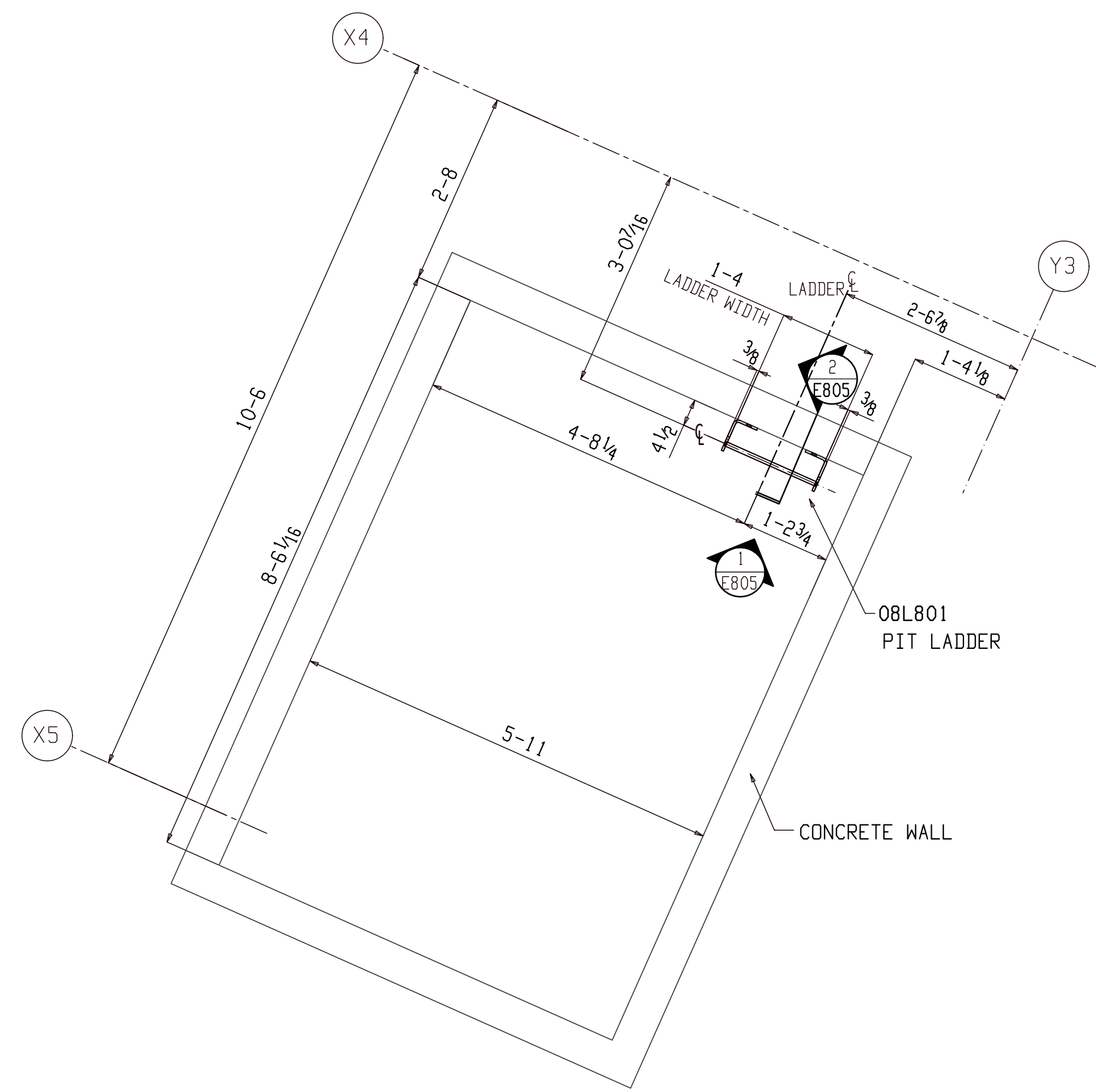


**4 BAR WALL DETAIL**  
(REFER: 2/A2.3)

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
<b>MARKING</b>			
B_100	TEMPORARY MARK BEFORE DETAILING		
01B1	SHEET MEMBER TYPE SEQUENCE		
A	For Approval		05-16-22
REV	DESCRIPTION		DATE

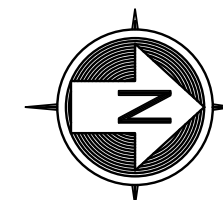
GENERAL ARRANGEMENT				PROJECT NO.	REV
DATE	03-26-21	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DRAWN BY	SHA	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED					E803



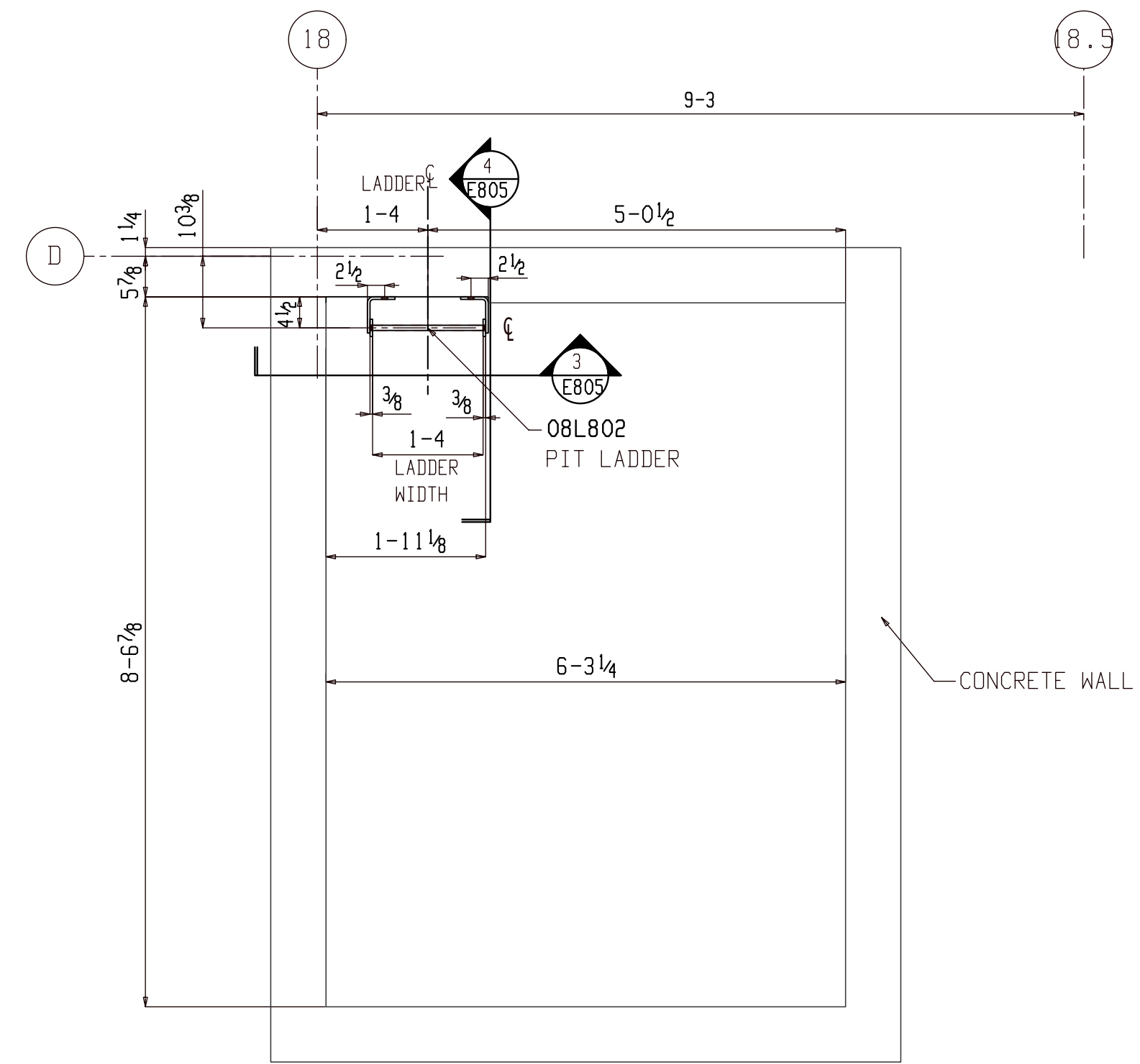
ELEVATOR-C LADDER PLAN

(REFER: 10/A3.7)

SEQ#8



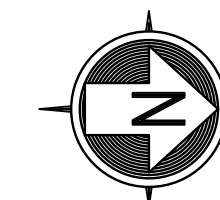
PLAN NORTH



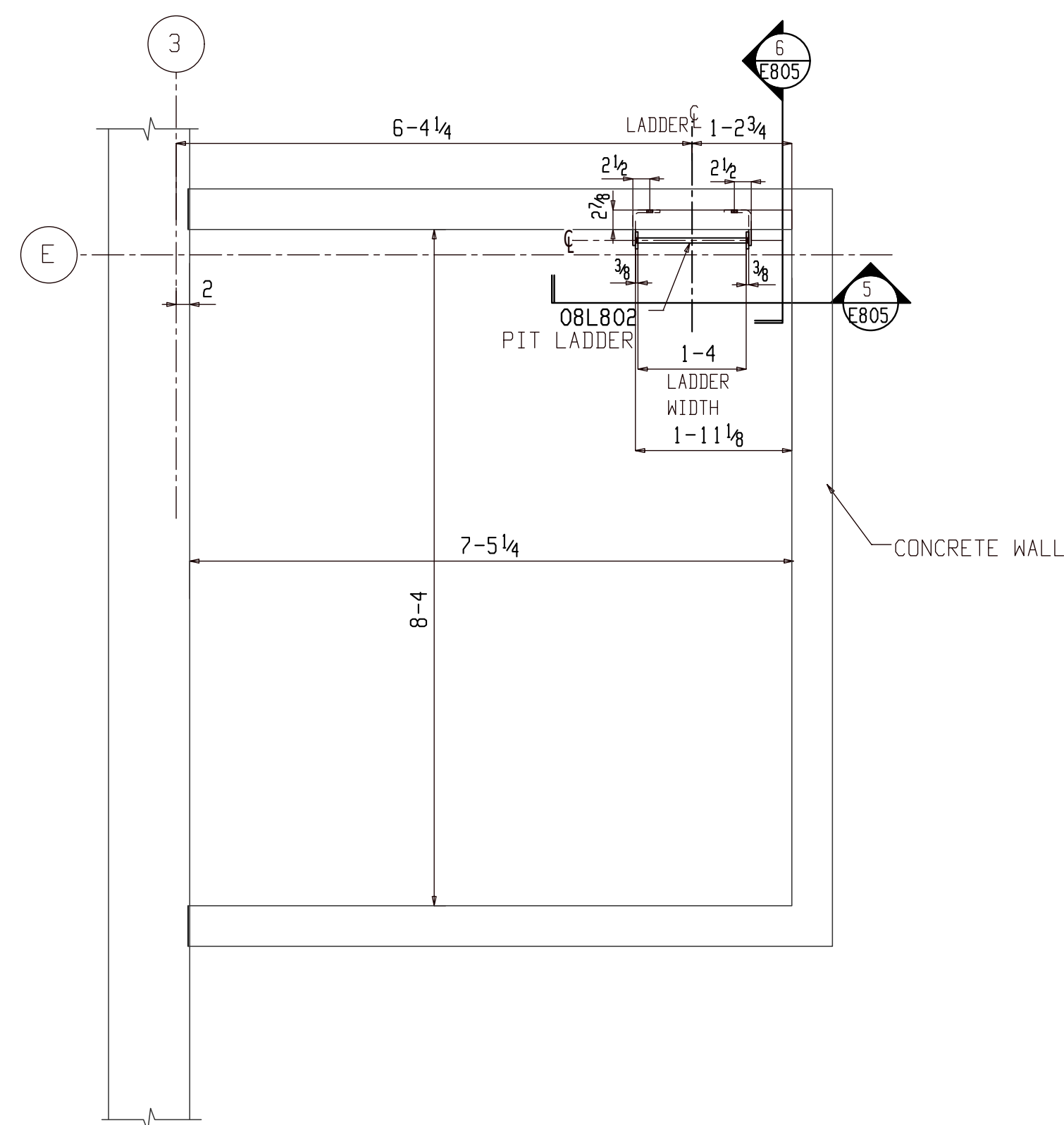
ELEVATOR-N LADDER PLAN

(REFER: 4/A3.6)

SEQ#8



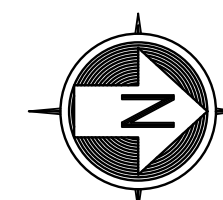
PLAN NORTH



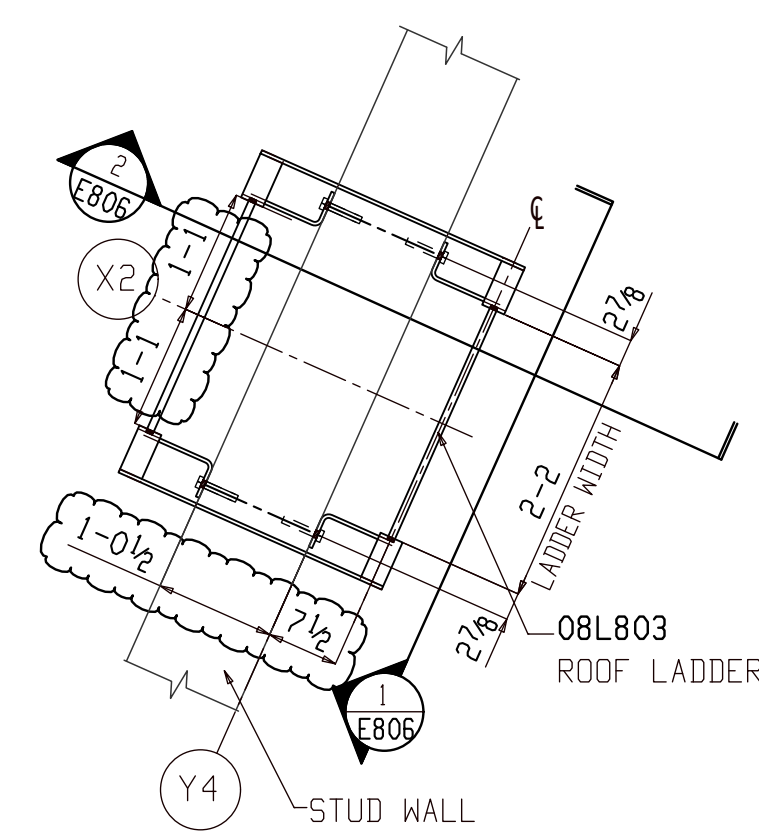
ELEVATOR-S LADDER PLAN

(REFER: 6/A3.5)

SEQ#8



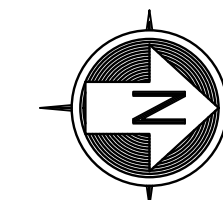
PLAN NORTH



ROOF ACCESS LADDER PLAN

(REFER: 18/A3.8)

SEQ#8



PLAN NORTH

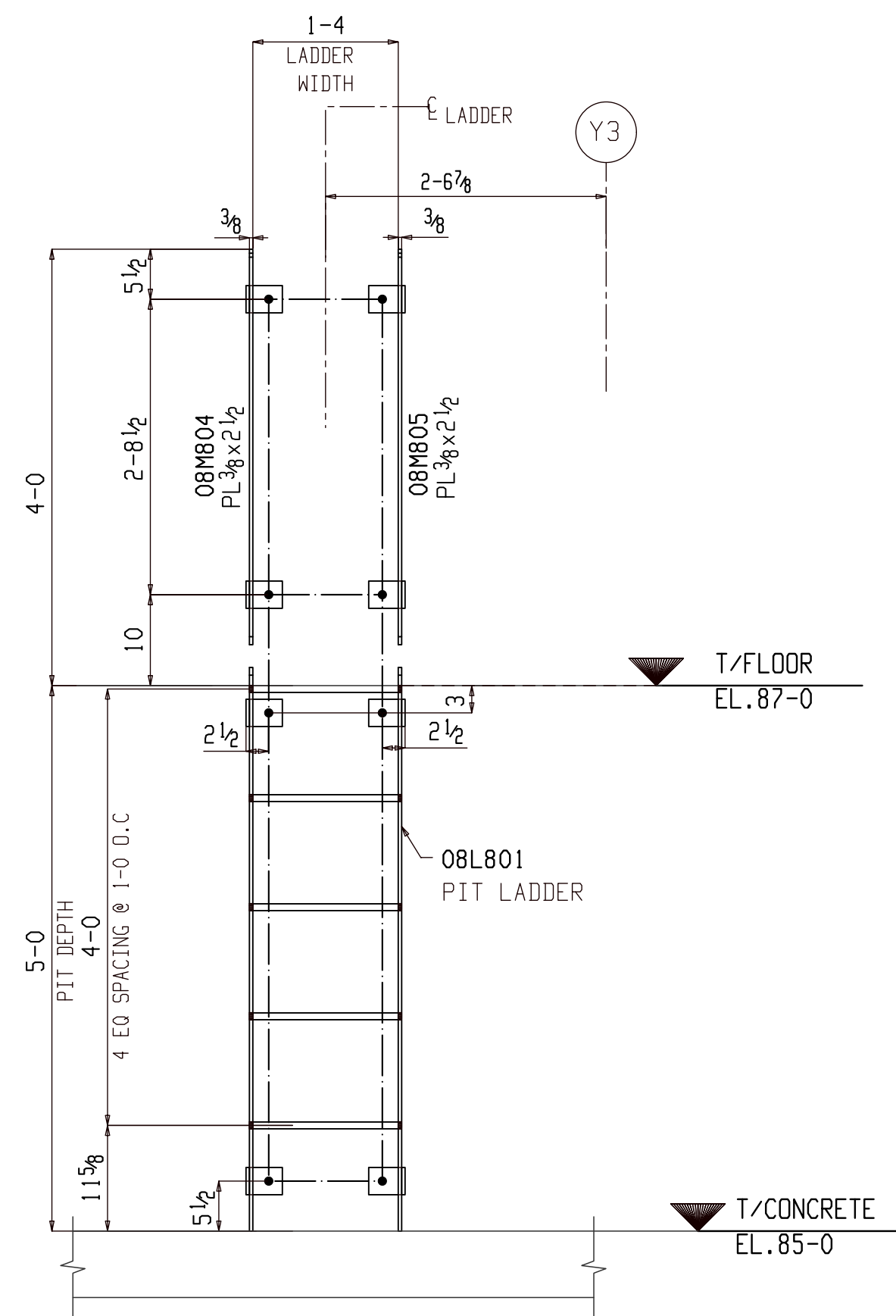
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

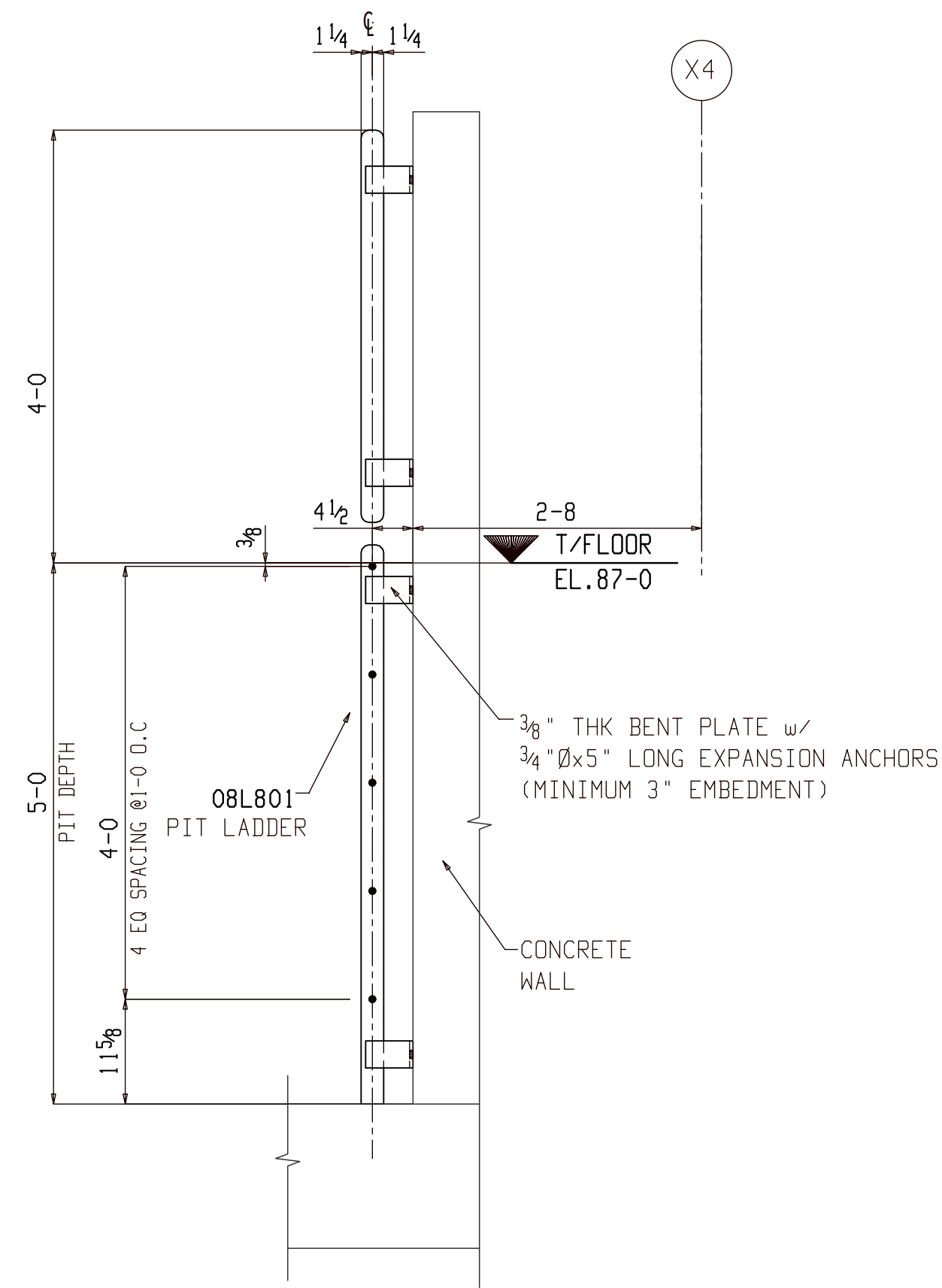
MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE



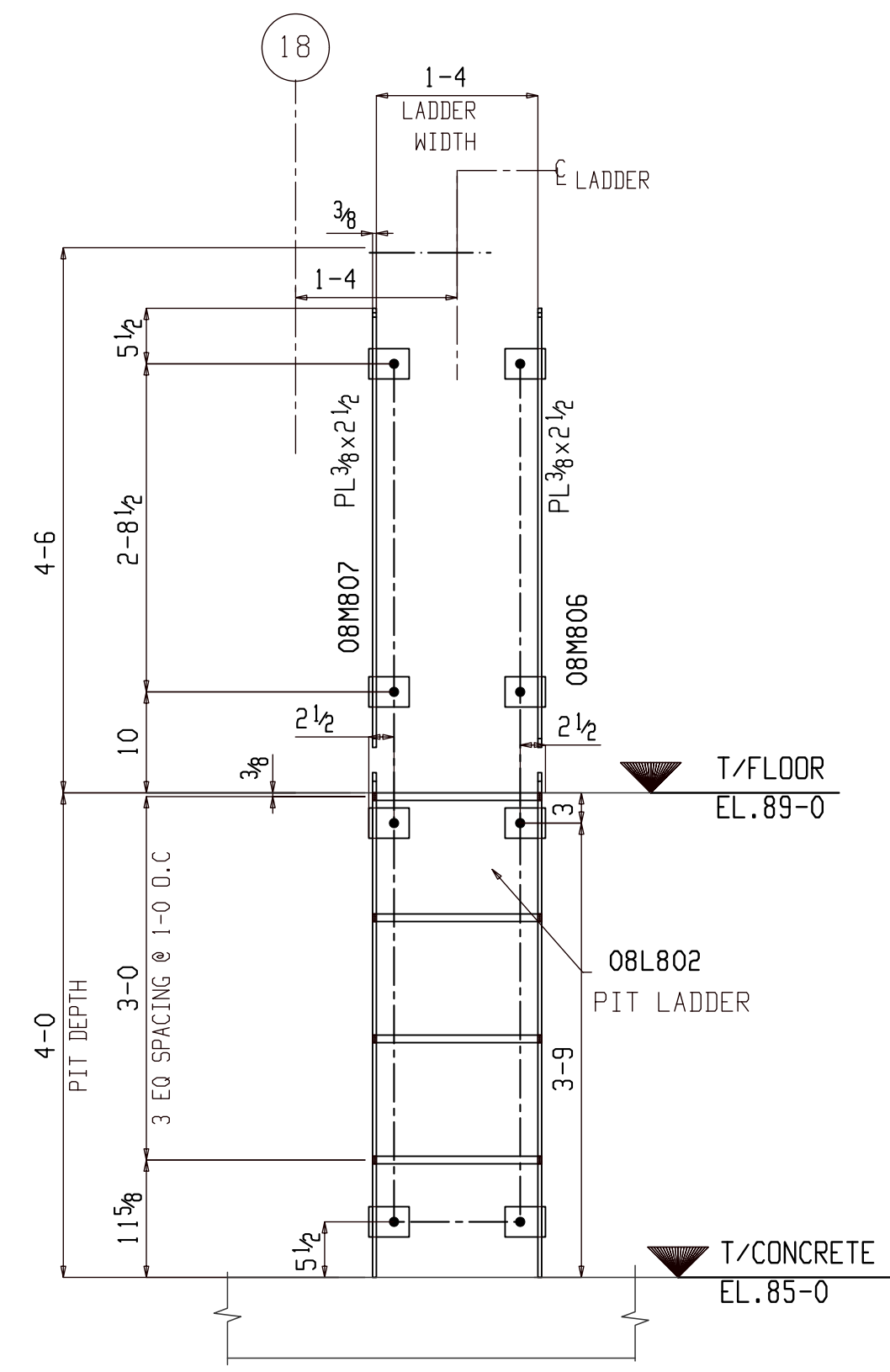




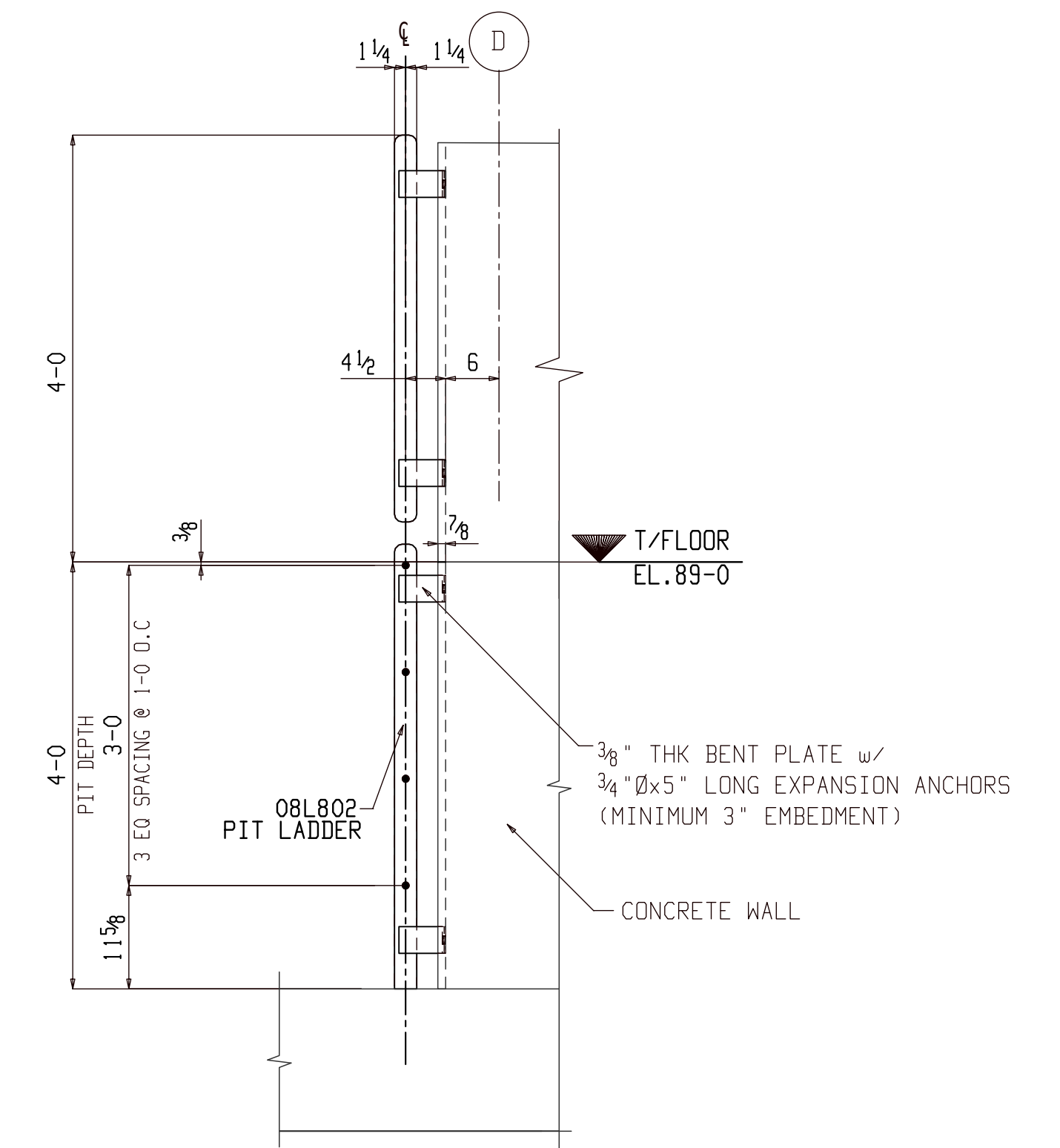
1 ELEVATION VIEW  
E805



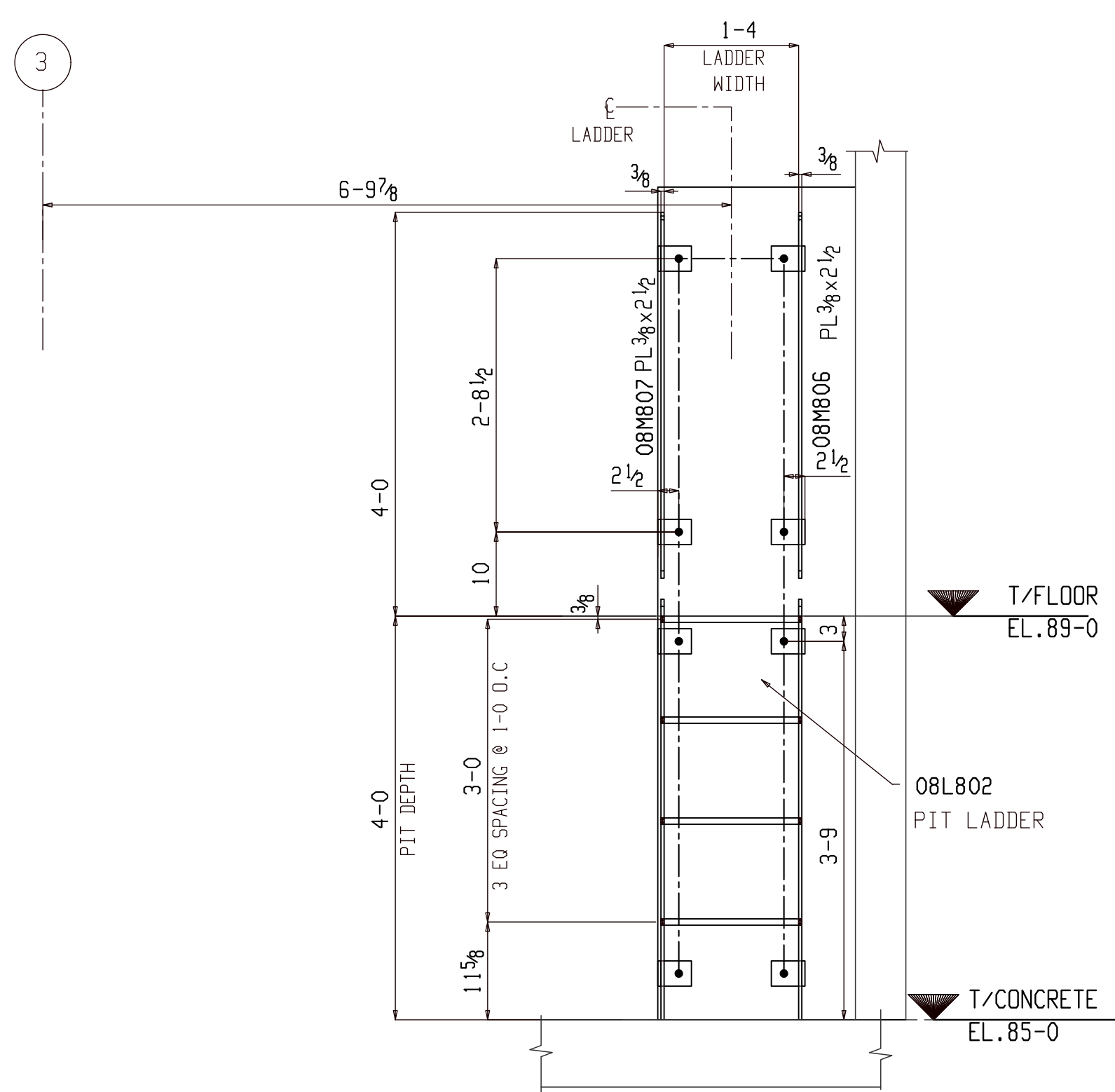
2 ELEVATION VIEW  
E805



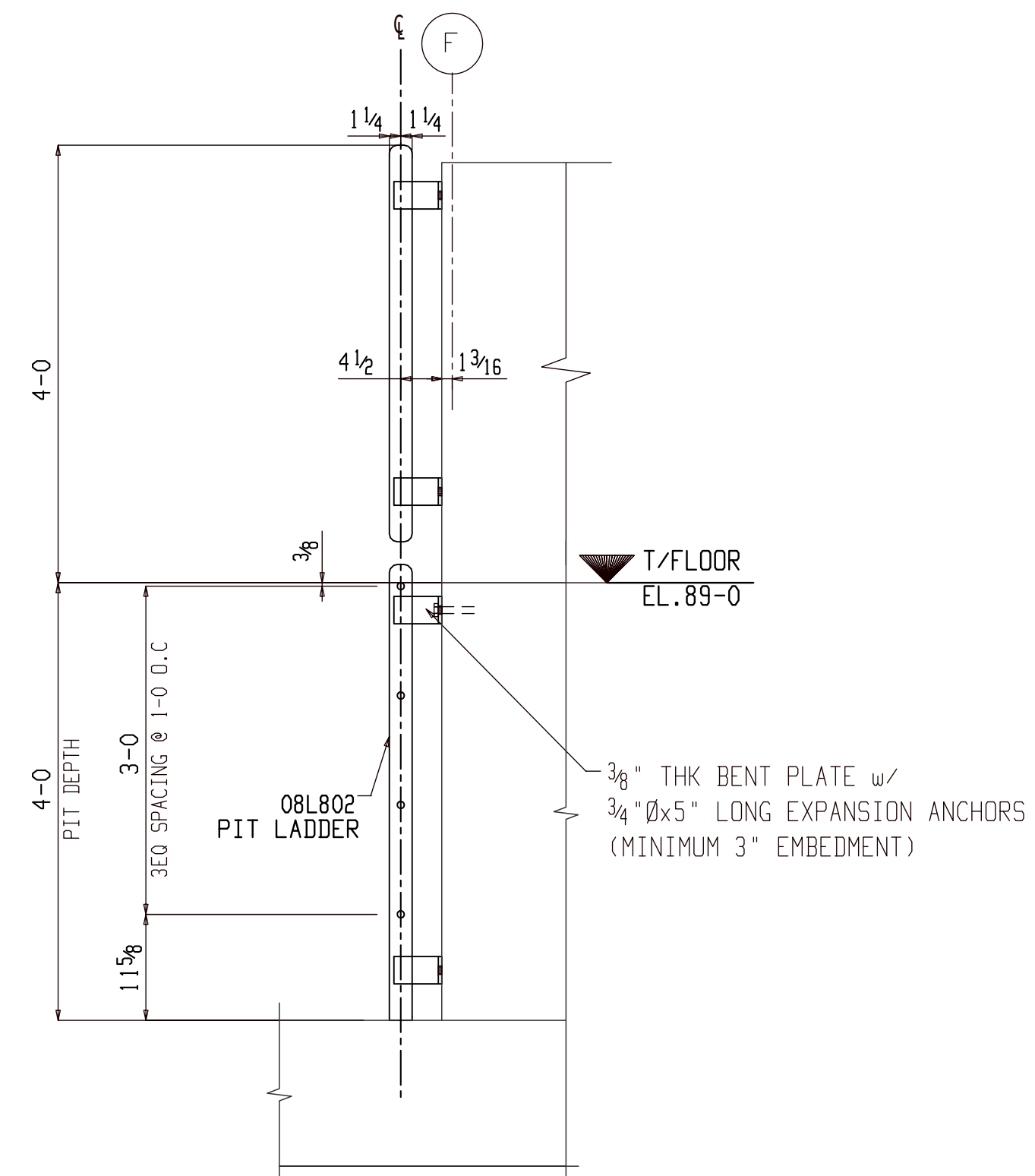
3 ELEVATION VIEW  
E805



4 ELEVATION VIEW  
E805



5 ELEVATION VIEW  
E805



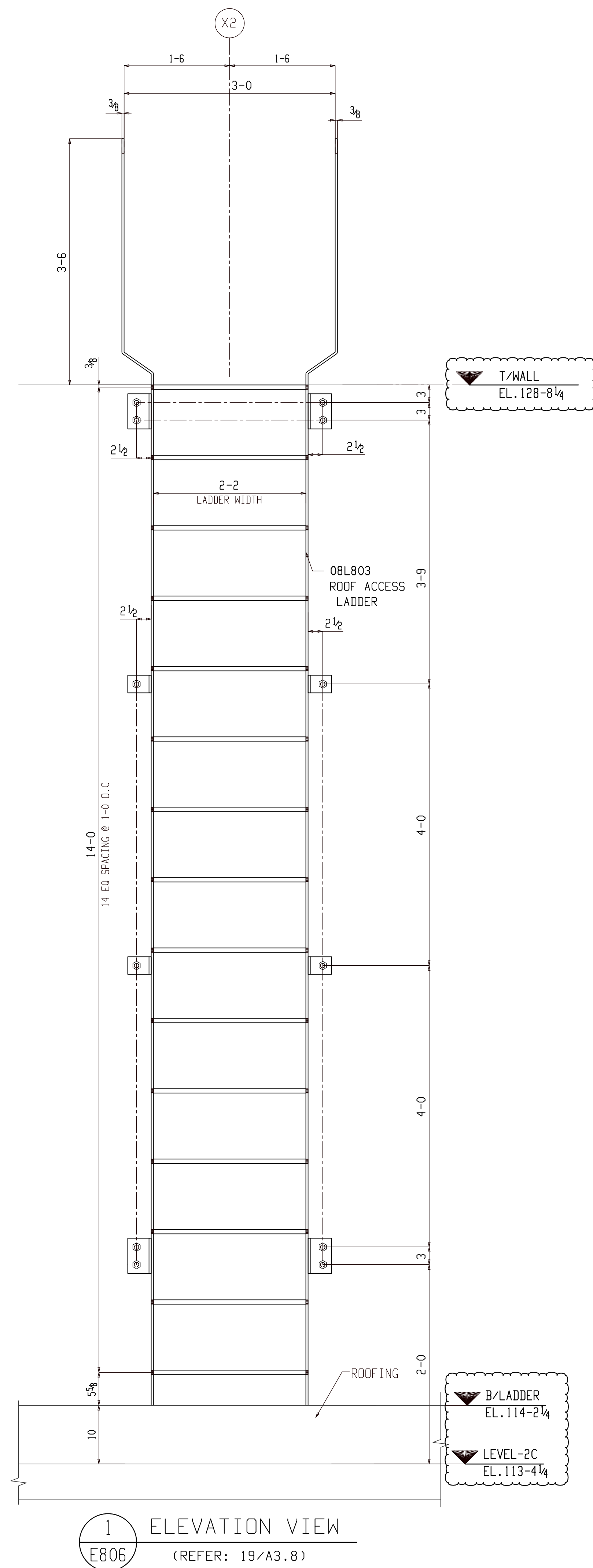
6 ELEVATION VIEW  
E805

FOR APPROVAL

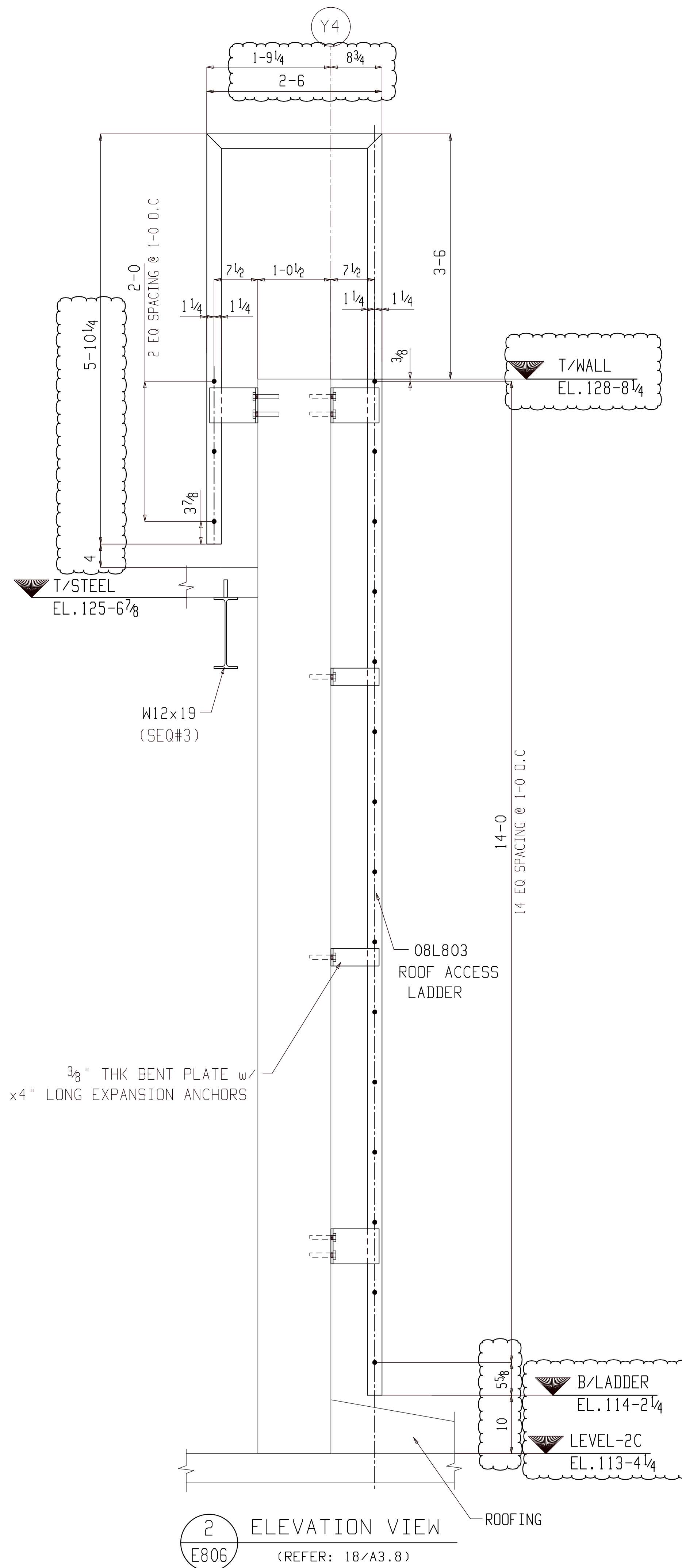
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
O1B1	SHEET	
	MEMBER TYPE	
	SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			E805



1 ELEVATION VIEW  
E806 (REFER: 19/A3.8)



2 ELEVATION VIEW  
E806 (REFER: 18/A3.8)

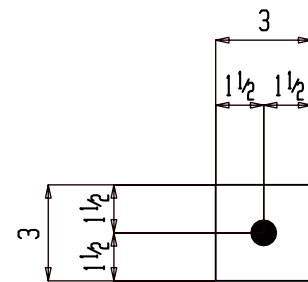
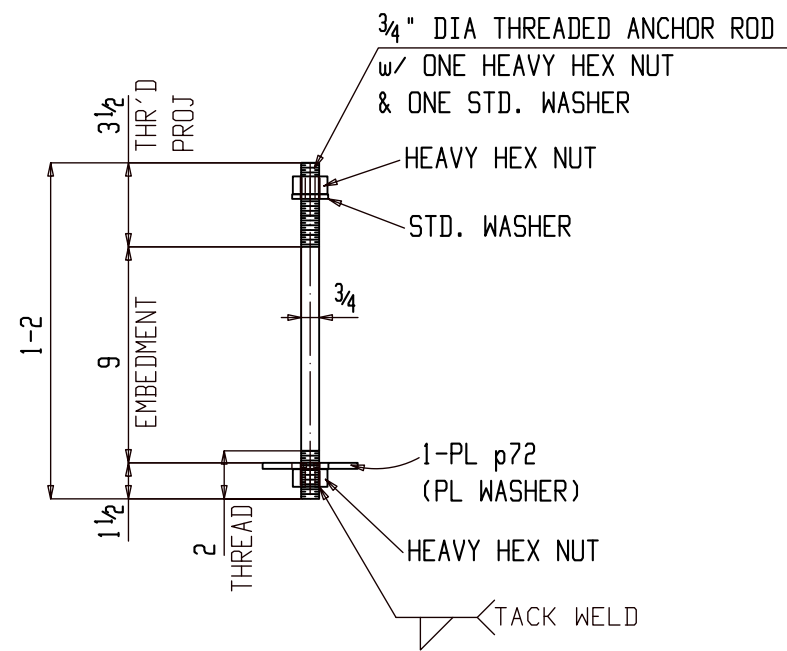
1) PLEASE CONFIRM LADDER AS DETAILED.  
2) PLEASE CONFIRM LADDER LOCATION AND ELEVATION.

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

MARKING	DESCRIPTION	DATE
B_100	TEMPORARY MARK BEFORE DETAILING	
01B1	SHEET MEMBER TYPE SEQUENCE	
A	For Approval	05-16-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO.	REV
DATE	JOB NAME	2210	
03-26-21	MILWAUKEE STATION APARTMENTS		
DRAWN BY	JOB LOCATION		
SHA	GREAT FALLS, MONTANA		
03-26-21			E806



28 PL 1/4x3x0-3 p72

GRADE: A36  
(PL WASH)

28 ANCHOR RODS 01AB1

(ASTM F1554 GR.36)

(AB REFER: ABP1)  
(S REFER : 2/S4.1 & 20/S4.2)

NO PAINT

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
28	01AB1		ANCHOR ROD				2	67
28		01AB1	AB 3/4	F1554 GR.36		1-2	2	49
28		p72	PL 1/4x3	A36		3	1	18
56		t1000	NU 3/4	A563	HHNT			
28		t1001	WA 3/4	F436	STD WASHER			

FOR FABRICATION

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS		2210	
ALN		GREAT FALLS, MONTANA			
04-04-22					

01AB2 DELETED


**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total


**FOR FABRICATION**

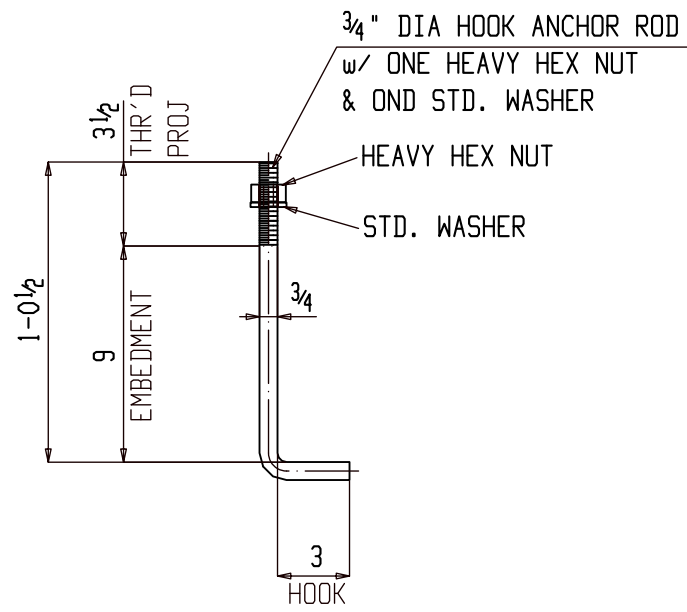
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

Holes	<sup>13</sup> / <sub>16</sub> DIA (UNO)			
SURFACE	SP2			
FINISH	NO PAINT			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	04-18-22
		REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	REV	
CHECKER	ALN			DWG NO	01AB2
APPROVED	04-04-22				



**4 HOOK ANCHOR RODS 01AB3**

(ASTM F1554 GR.36)

(AB REFER: ABP1)  
(S REFER :16/S3.1)

NO PAINT

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	01AB3		HOOK ANCHOR ROD				2	8
4		01AB3	ABH <sup>3/4</sup> x12 <sup>1/2</sup> x3 <sup>3/2</sup>	F1554 GR.36	3 HOOK	1-3 <sup>1/2</sup>	2	8
4		t1000	NU <sup>3/4</sup>	A563	HHNT			
4		t1001	WA <sup>3/4</sup>	F436	STD WASHER			

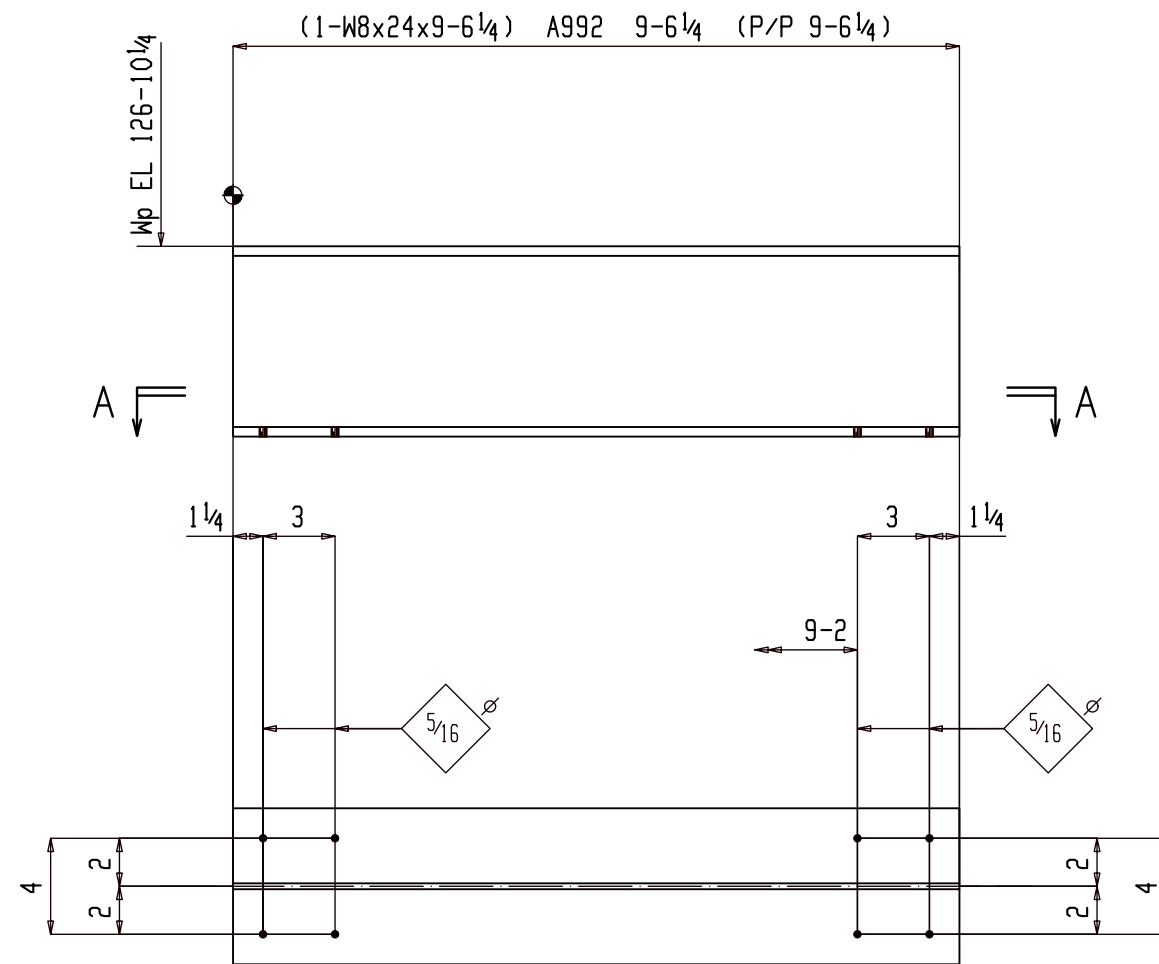
**FOR FABRICATION**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3/16</sup> DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS		2210	△
CHECKER		JOB LOCATION		DWG NO	
ALN	04-04-22	GREAT FALLS, MONTANA		01AB3	
APPROVED					



Section A-A

01B101

ONE BEAM 01B101

W | 7 15/16 x 1/4

F | 6 1/2 x 3/8

K | 7/8 x 5/8

(E REFER: E101)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01B101		BEAM				229	229
1		01B101	W8x24	A992		9-6 1/4	229	229
			FIELD BOLTS					
8			1/4" Dia SDS SCREW			4 1/2		

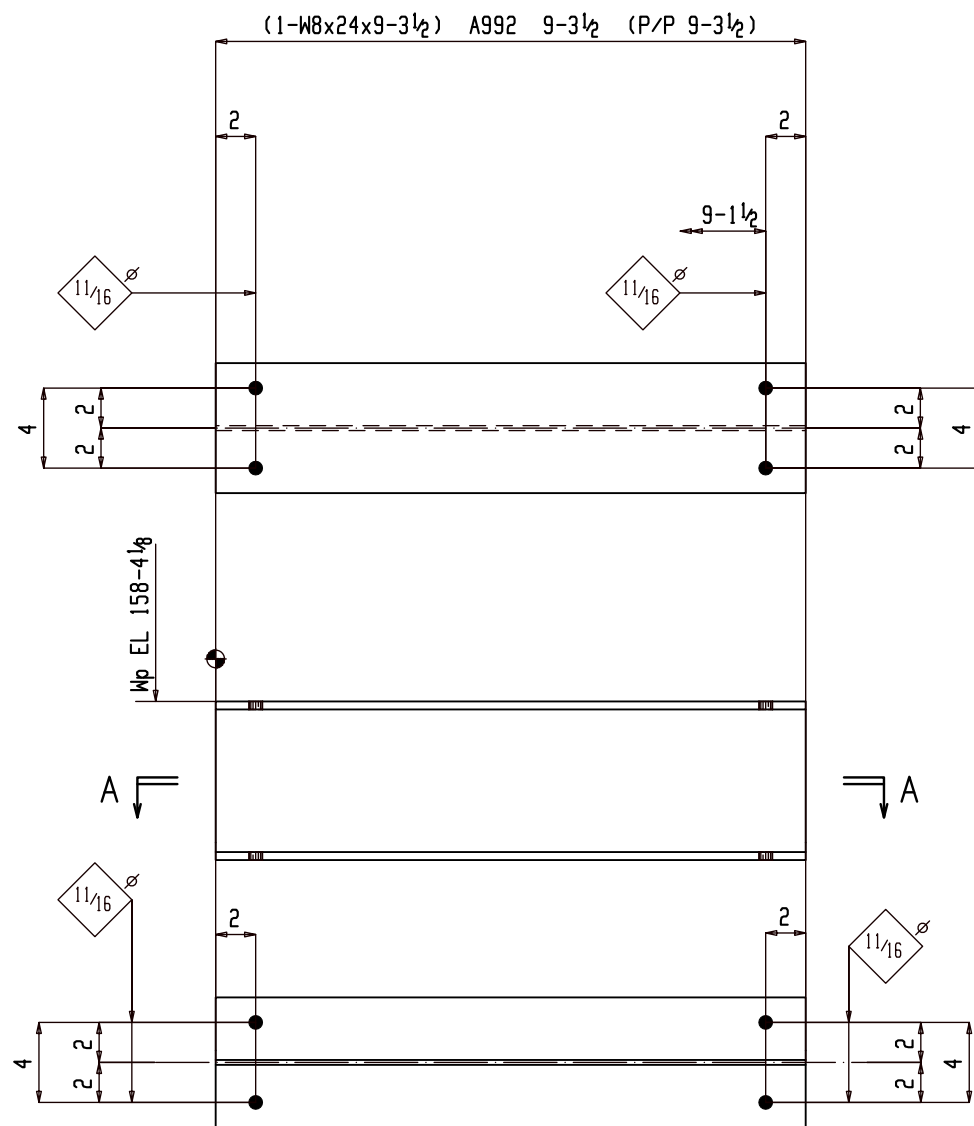
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
				01B101	



Section A-A

01B102

ONE BEAM 01B102

W | 7 15/16 x 1/4  
F | 6 1/2 x 3/8  
K | 7/8 x 5/8

(E REFER: E101)

ISC PRIMER

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01B102		BEAM				223	223
1		01B102	W8x24	A992		9-3 1/2	223	223
			FIELD BOLTS					

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

Holes	13/16 DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD	AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE

DETAILER: AKM  
DATE: 04-04-22  
CHECKER: ALN  
APPROVED: 04-04-22

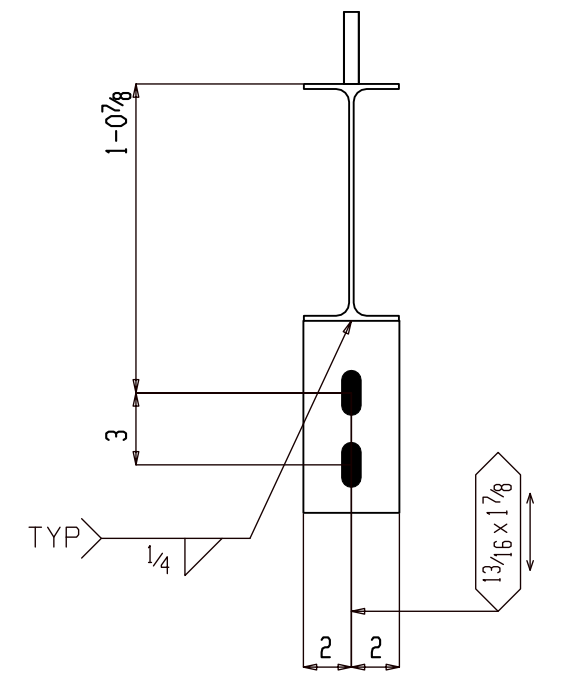
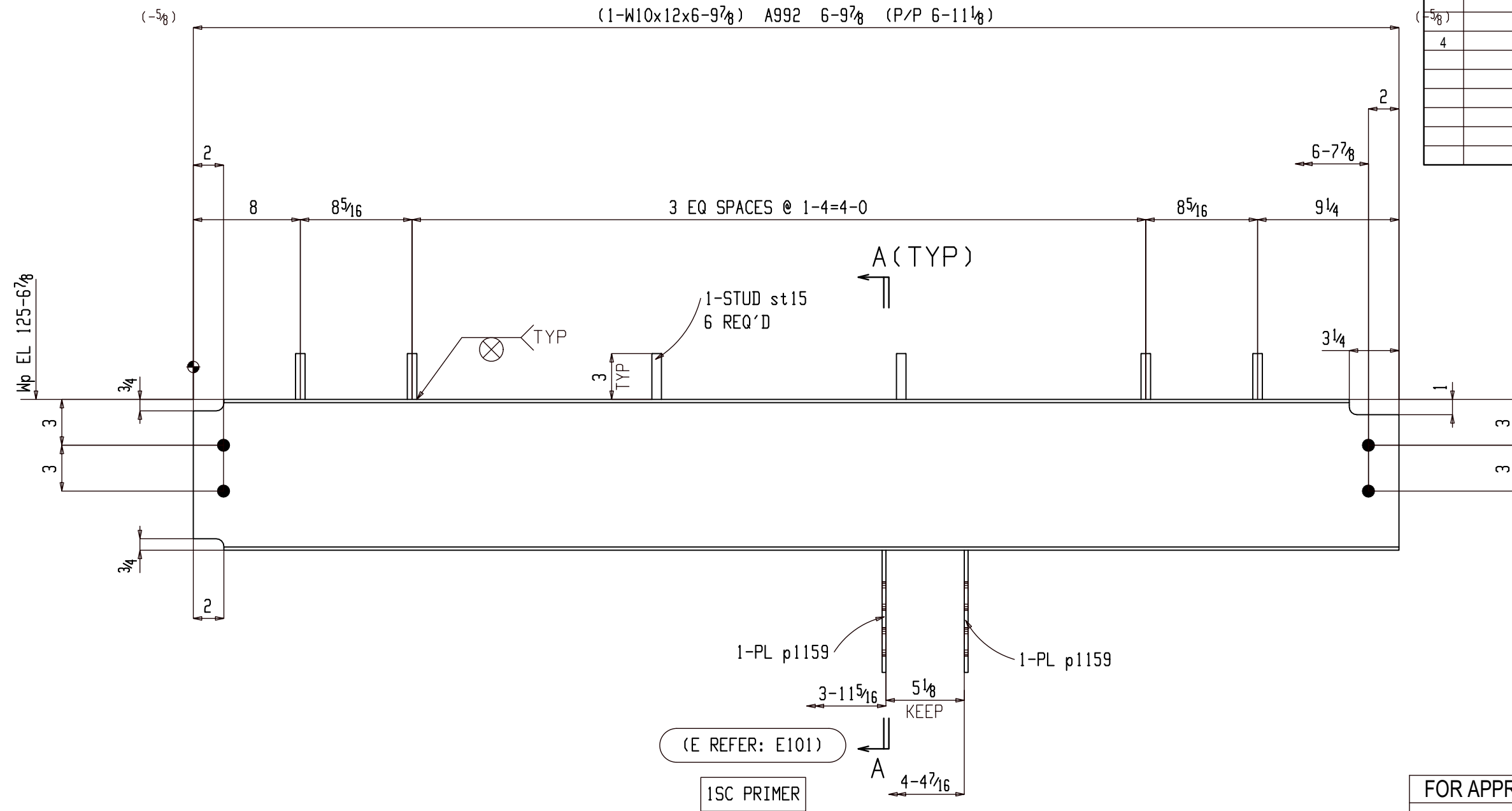
GENERAL ARRANGEMENT

JOB NAME: MILWAUKEE STATION APARTMENTS  
JOB LOCATION: GREAT FALLS, MONTANA

PROJECT NO: 2210  
DATE: 01B102

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01B103		BEAM				88	88
1		01B103	W10x12	A992		6-9 <sup>7</sup> / <sub>8</sub>	82	82
6		st15	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	2
2		p1159	PL <sup>1</sup> / <sub>4</sub> x4	A36		8	2	5
4			FIELD BOLTS 3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		



Section A-A  
01B103

ONE BEAM 01B103

W	9 <sup>7</sup> / <sub>8</sub> x <sup>3</sup> / <sub>16</sub>
F	3 <sup>15</sup> / <sub>16</sub> x <sup>3</sup> / <sub>16</sub>
K	3/4x <sup>5</sup> / <sub>8</sub>

**FOR APPROVAL**

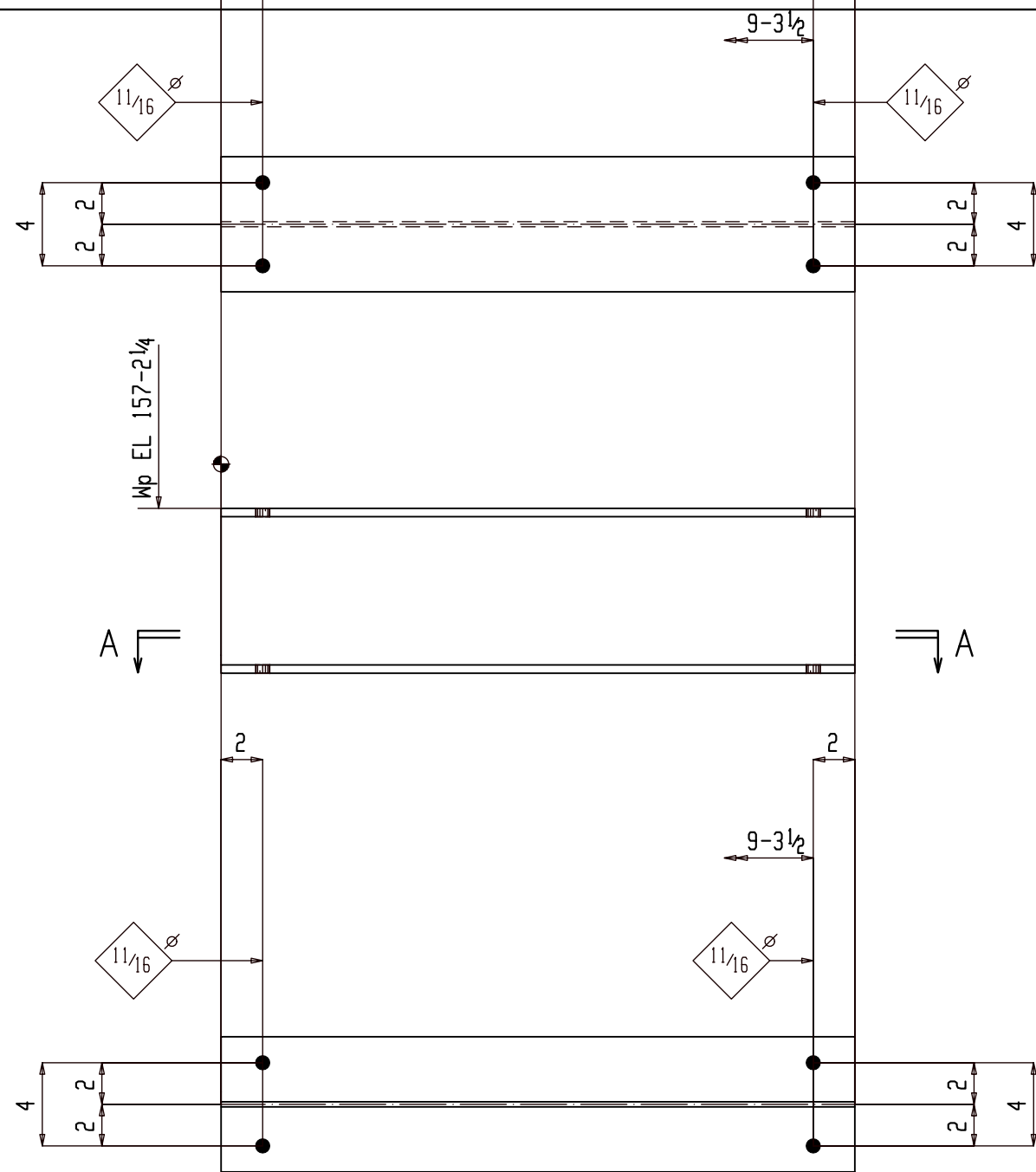
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
	REV	DESCRIPTION	DATE



DETAILER		JOB NAME		PROJECT NO	
AKM	04-04-22	MILWAUKEE STATION APARTMENTS		2210	REV
ALN	04-04-22	GREAT FALLS, MONTANA		01B103	





Section A-A

01B104

ONE BEAM 01B104

W  $7\frac{15}{16} \times \frac{1}{4}$   
 F  $6\frac{1}{2} \times \frac{3}{8}$   
 K  $7\frac{1}{8} \times \frac{5}{8}$

(E REFER: E101)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01B104		BEAM				227	227
1		01B104	W8x24	A992		9-5 1/2	227	227

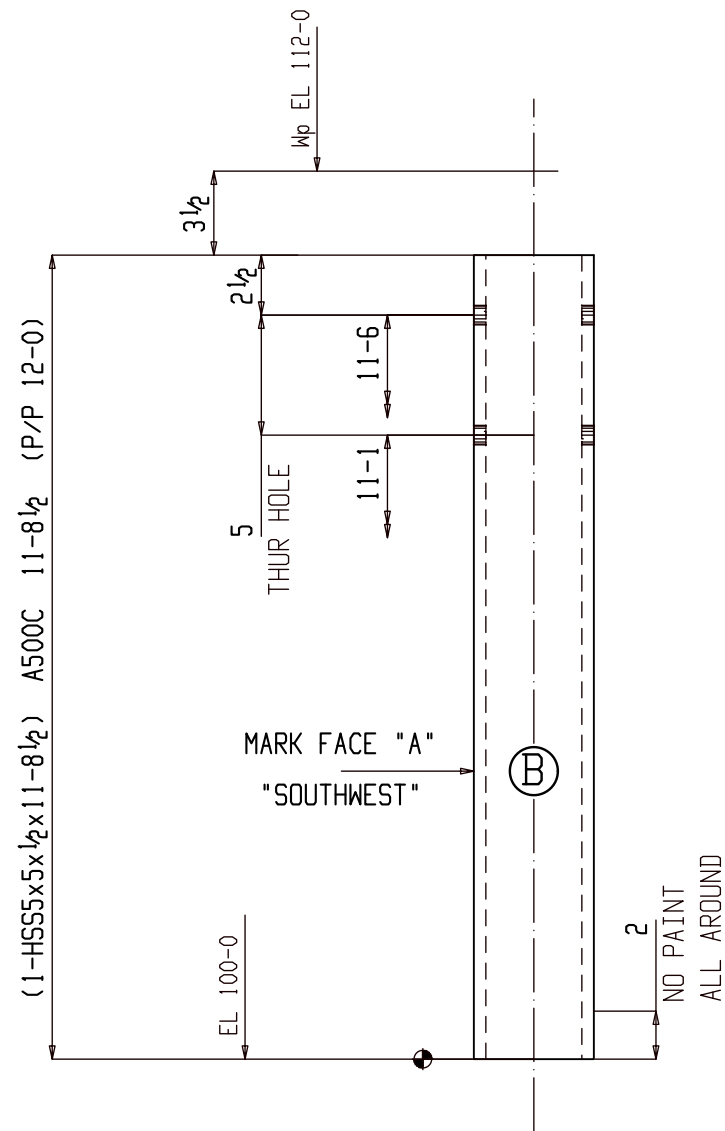
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	$1\frac{3}{16}$ DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD	AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER	ALN		
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				
				DWG NO	01B104



ONE COLUMN 01C101

AT GRID:  
D & Y3

(E REFER: E102)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01C101		COLUMN				333	333
1		01C101	HSS5x5x1/2	A500C	S1E	11-8 1/2	333	333
			FIELD BOLTS					
2			3/4 Dia A307			7		

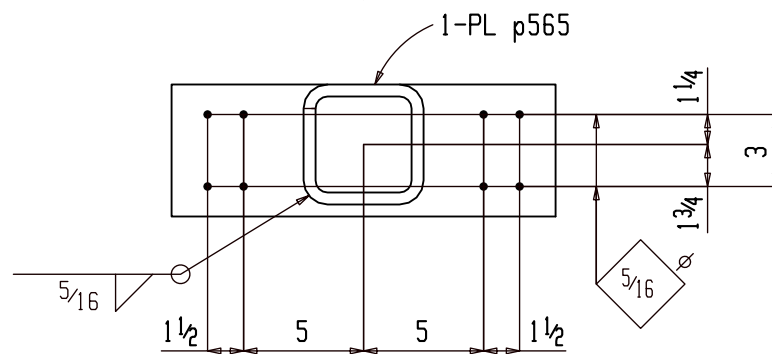
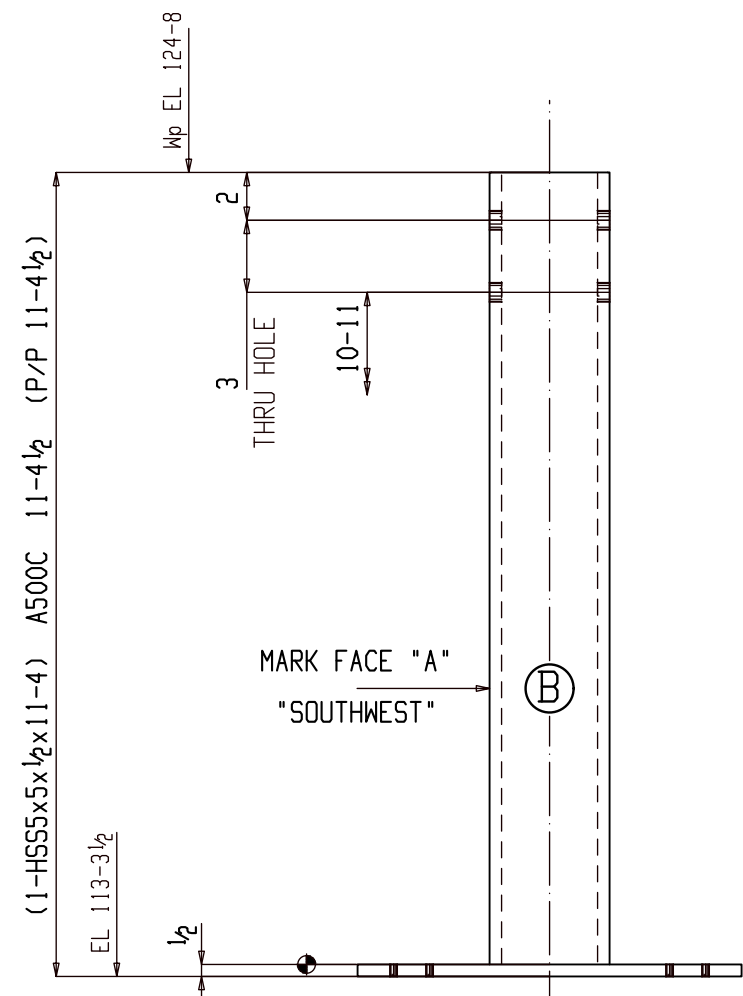
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	ALN	GREAT FALLS, MONTANA			
APPROVED	04-04-22				



ONE COLUMN 01C102

AT GRID:  
D & Y3

(E REFER: E102)

ISC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01C102		COLUMN				335	335
1		01C102	HSS5x5x1/2	A500C		11-4	322	322
1		p565	PL 1/2x5 1/2	A36	S1E	1-4	12	12
			FIELD BOLTS					
			FIELD BOLTS					
2			3/4 Dia A307				7	

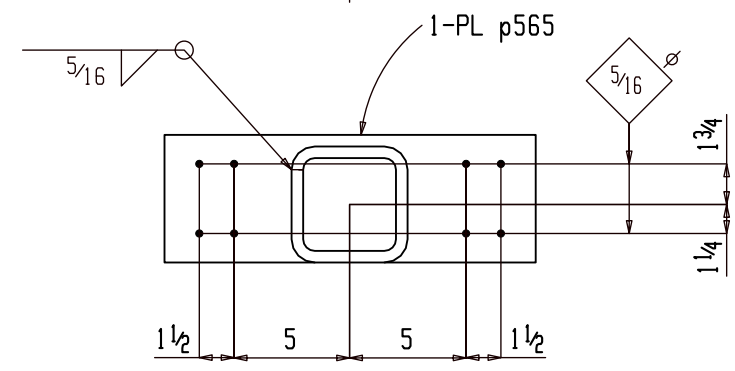
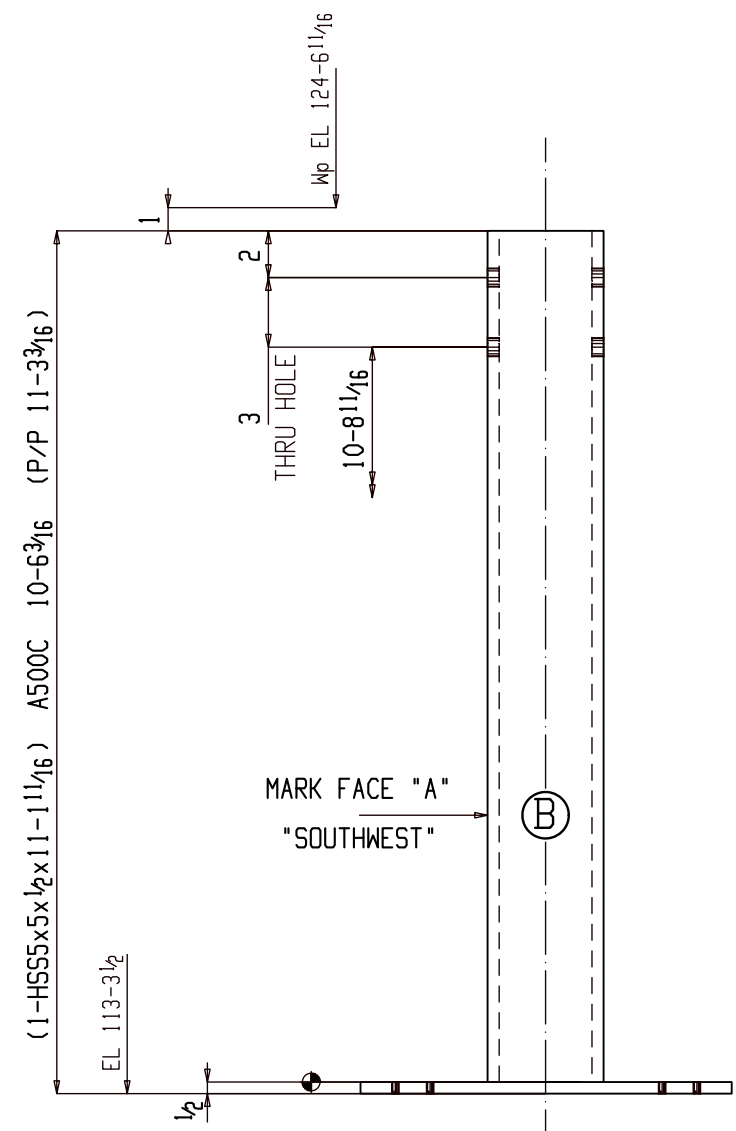
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				



ONE COLUMN 01C103

AT GRID:  
X4 & Y3

(E REFER: E102)

ISC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01C103		COLUMN				329	329
1		01C103	HSS5x5x1/2	A500C		11-11 1/16	317	317
1		p565	PL 1/2x5 1/2	A36		1-4	12	12
FIELD BOLTS								
8			1/4" Dia SDS SCREW				6	
FIELD BOLTS								
2			3/4 Dia A307				7	

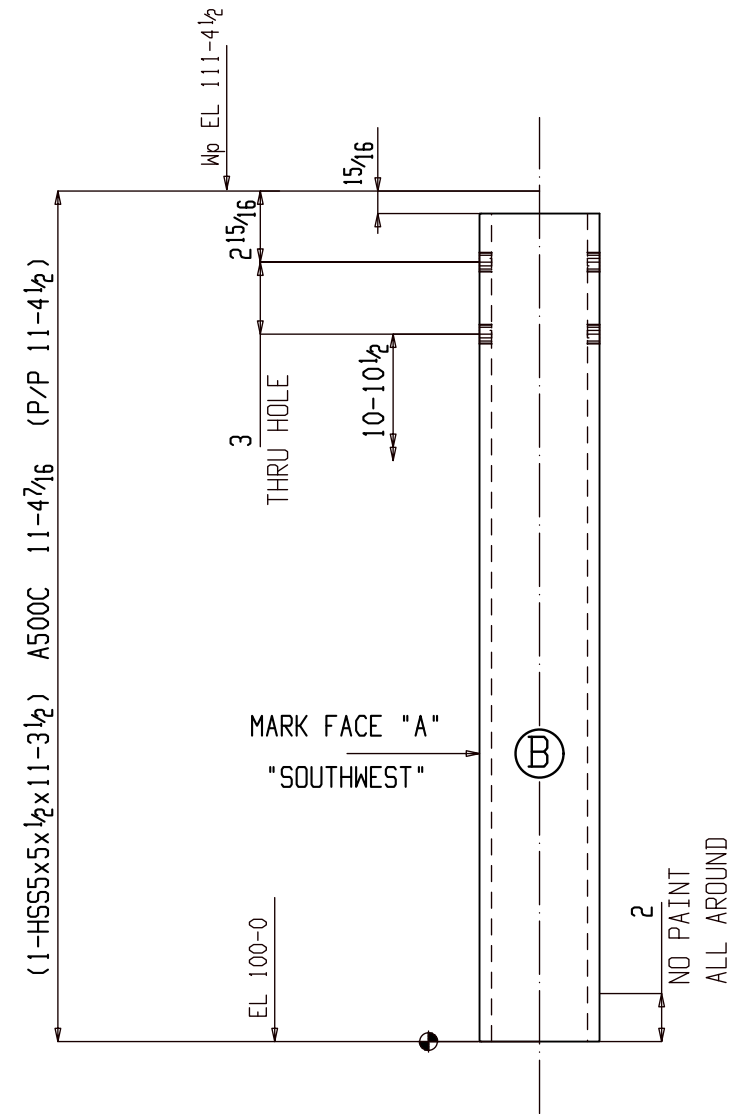
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	ISC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT			DWG NO	01C103	



ONE COLUMN 01C104

AT GRID:  
X4 & Y3

(E REFER: E102)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01C104		COLUMN				321	321
1		01C104	HSS5x5x1/2	A500C		11-3 1/2	321	321
			FIELD BOLTS					
2			3/4 Dia A307			7		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

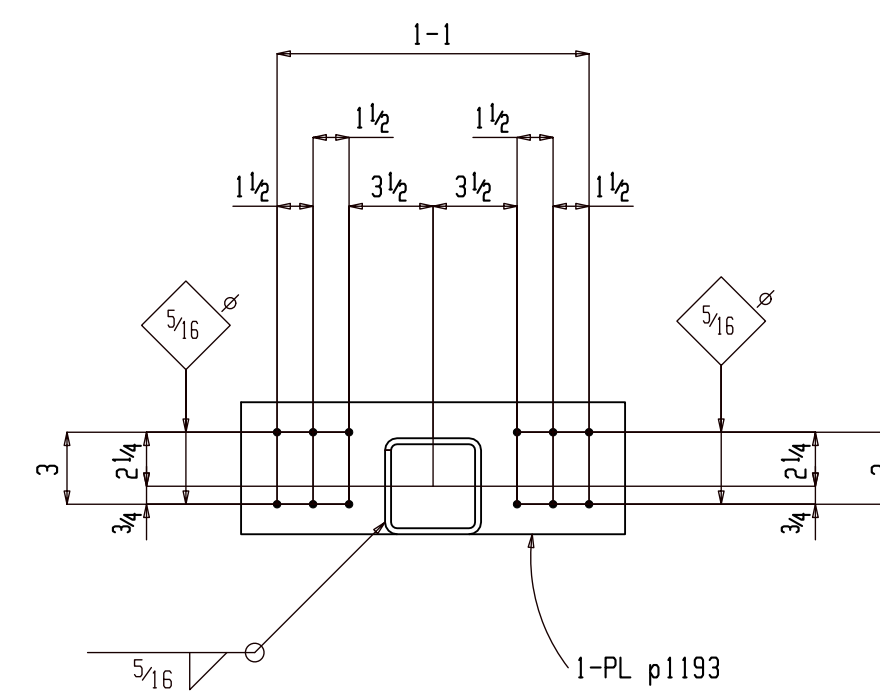
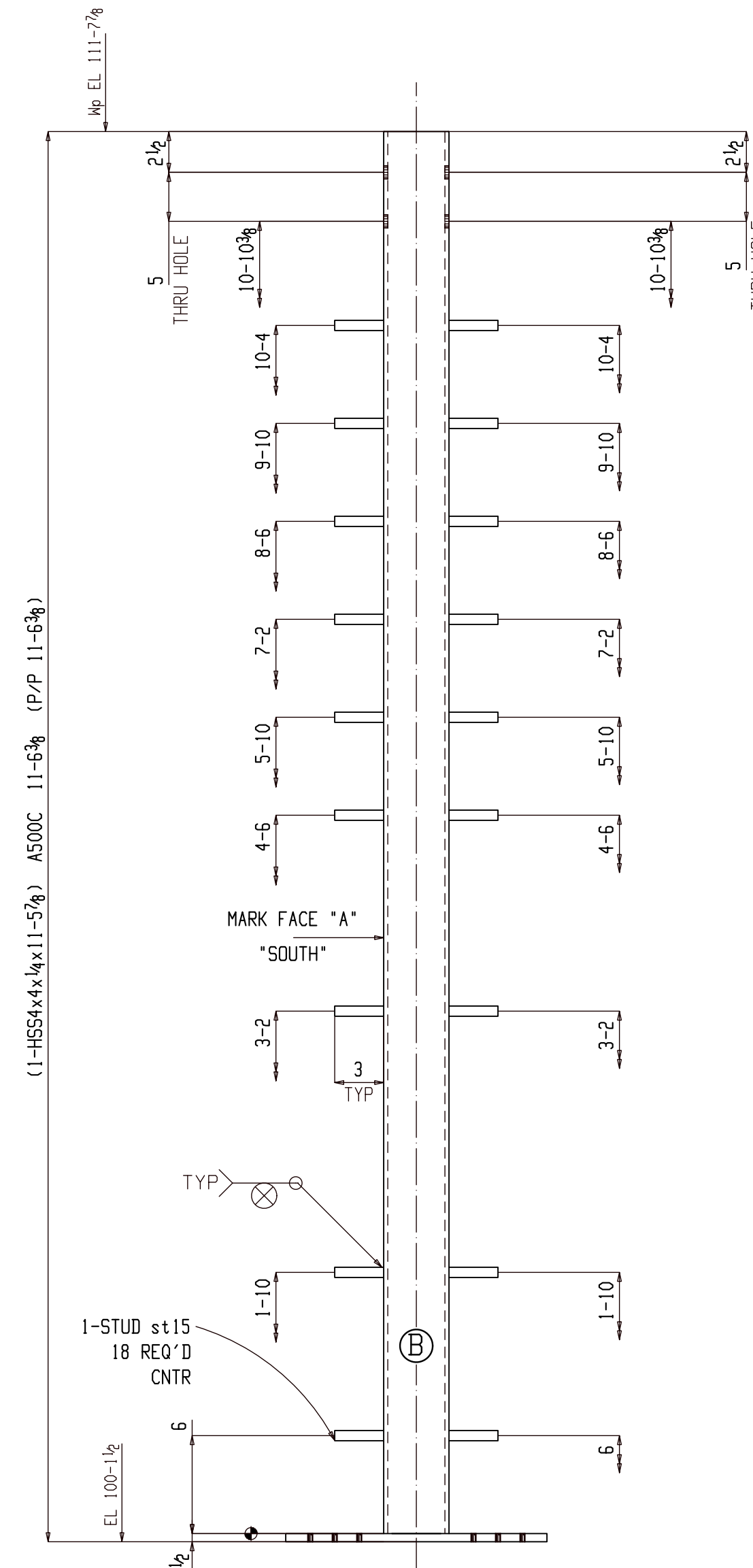
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01C104
CHECKER	ALN				
APPROVED	04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight Total
2	01C105		COLUMN					157	315
2		01C105	HSS4x4x1/4	A500C		11-57/8		140	281
36		st15	TWS5/8	A108			3	0	9
2		p1193	PL 1/2x5 1/2	A36			1-4	12	25
			FIELD BOLTS						
4			3/4 Dia A307					6	



### 2 COLUMNS 01C105

AT GRID:  
E & 3  
D & 18

(E REFER: E102)

15C PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

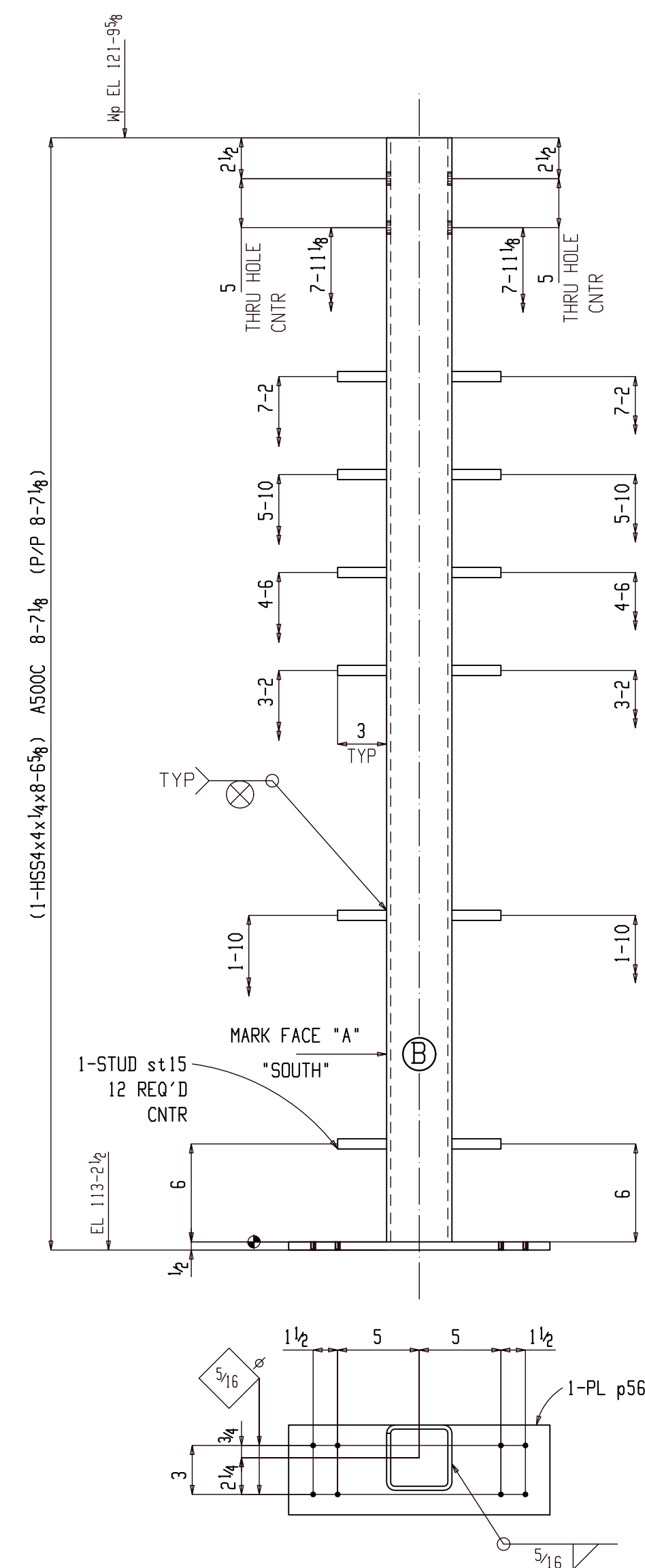
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	04-04-22	JOB NAME	2210	2
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22		GREAT FALLS, MONTANA	01C105

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
12	01C106		COLUMN				120	1440
		01C106	HSS4x4x1/4	A500C		8-6 <sup>5</sup> / <sub>8</sub>	104	1253
144		st15	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	38
12		p565	PL 1/2x5 1/2	A36		1-4	12	150
			FIELD BOLTS					
24			3/4 Dia A307			6		



**12 COLUMNS 01C106**

AT GRID:

F & 3	X3 & 4	D.2 & 18
F & 3	X3 & 4	D.2 & 18.5
F & 3	D.2 & 18	D.2 & 18.5
X3 & 4	D.2 & 18	D.2 & 18.5

(E REFER: E102)

1SC PRIMER

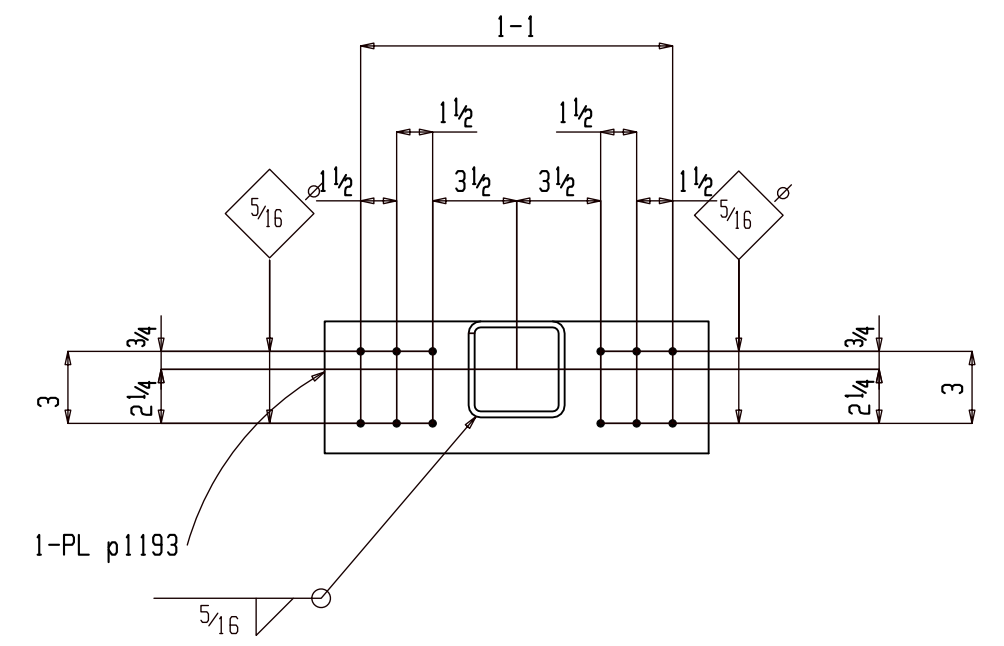
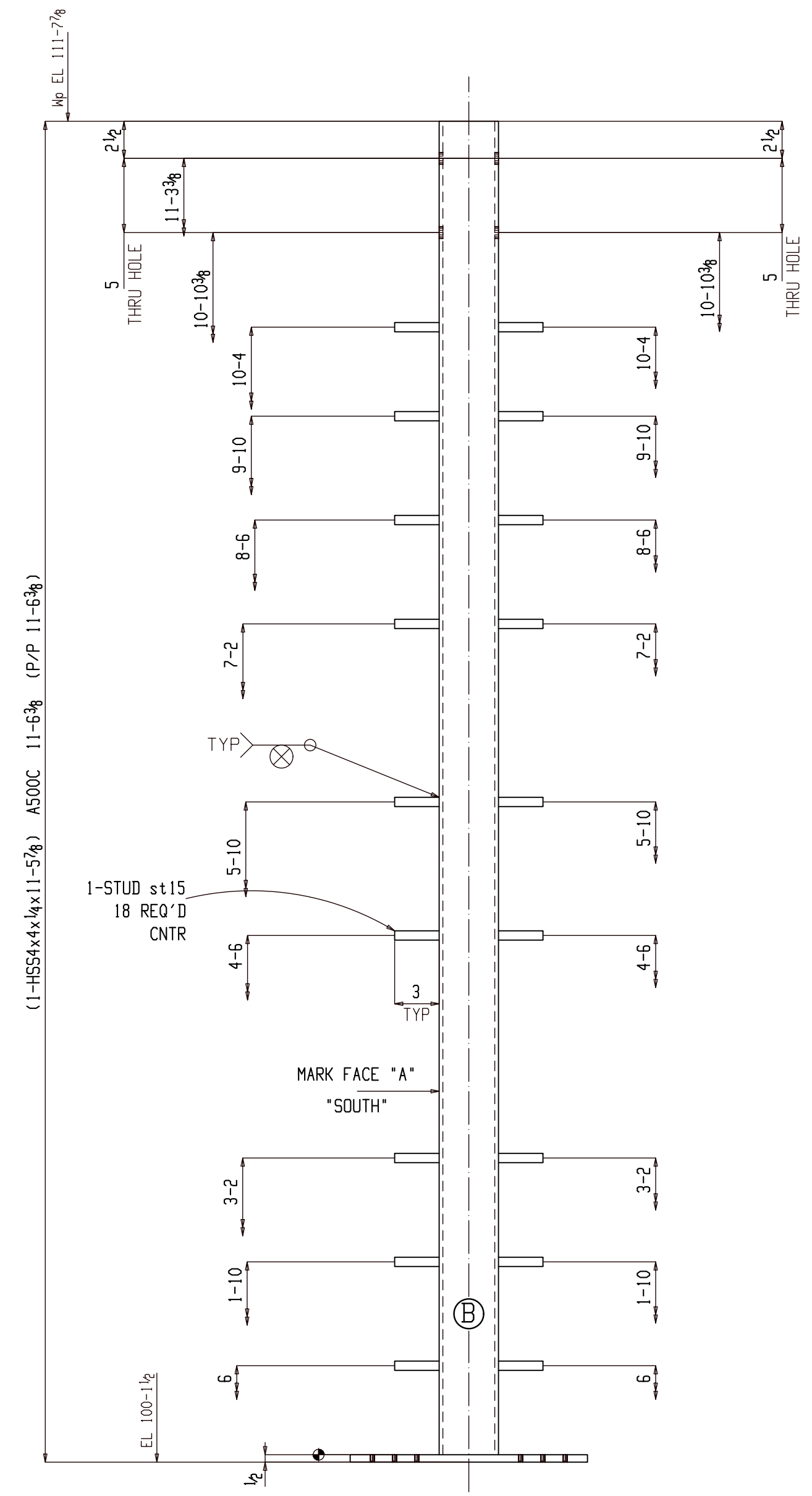
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWER	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	01C106



4 COLUMNS 01C107

(E REFER: E102)  
 AT GRID:  
 F & 3  
 X3 & 4  
 D.2 & 18  
 D.2 & 18.5

15C PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	01C107		COLUMN				157	630
4		01C107	HSS4x4x1/4	A500C		11-5 7/8	140	561
72		st15	TWS 5/8	A108		3	0	19
4		p1193	PL 1/2x5 1/2	A36		1-4	12	50
			FIELD BOLTS					
8			3/4 Dia A307				6	

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

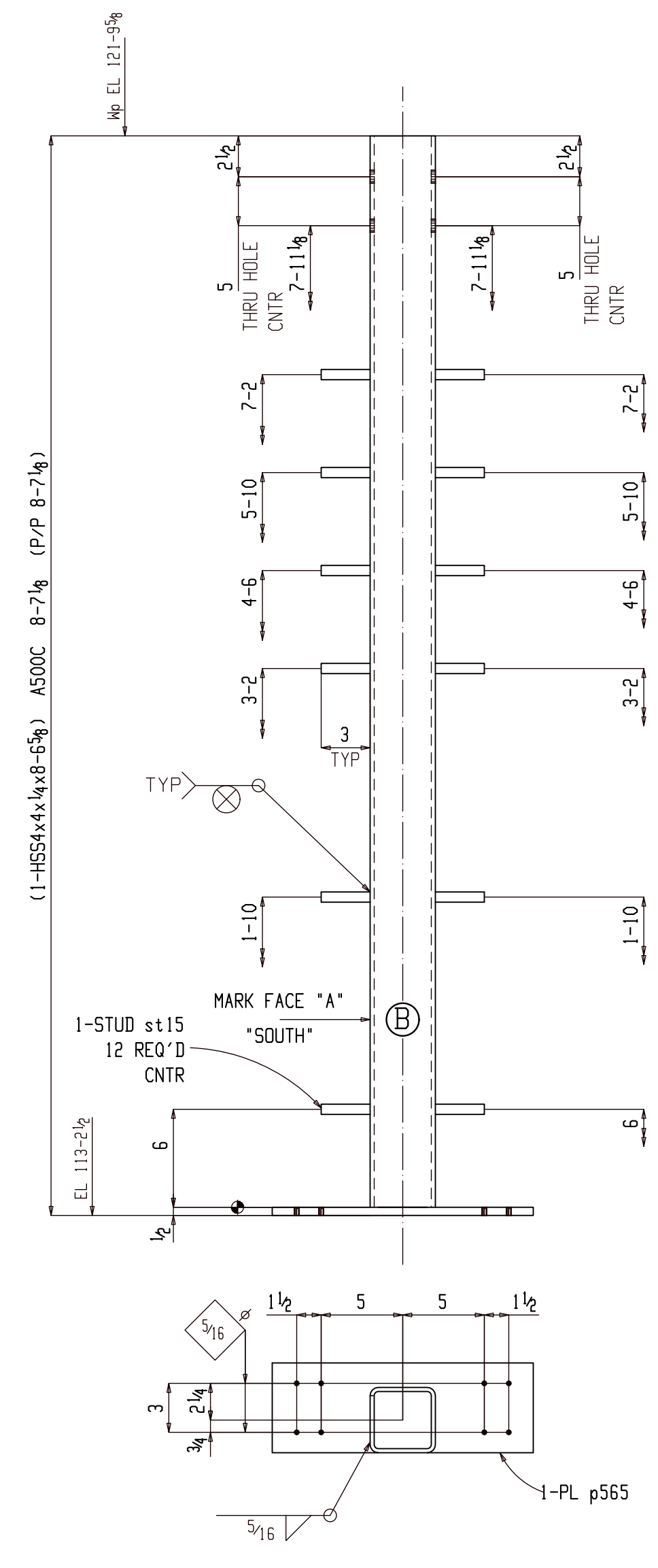


GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01C107
APPROVED	04-04-22				



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
6	01C108		COLUMN				120	720
6		01C108	HSS4x4x1/4	A500C		8-6 <sup>5</sup> / <sub>8</sub>	104	627
72		st15	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	19
6		p565	PL 1/2x5 1/2	A36		1-4	12	75
			FIELD BOLTS					
12			3/4 Dia A307			6		



6 COLUMNS 01C108

AT GRID:	(E REFER: E102)	D & 18
E & 3		D & 18
E & 3		D & 18
E & 3	ISC PRIMER	D & 18

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

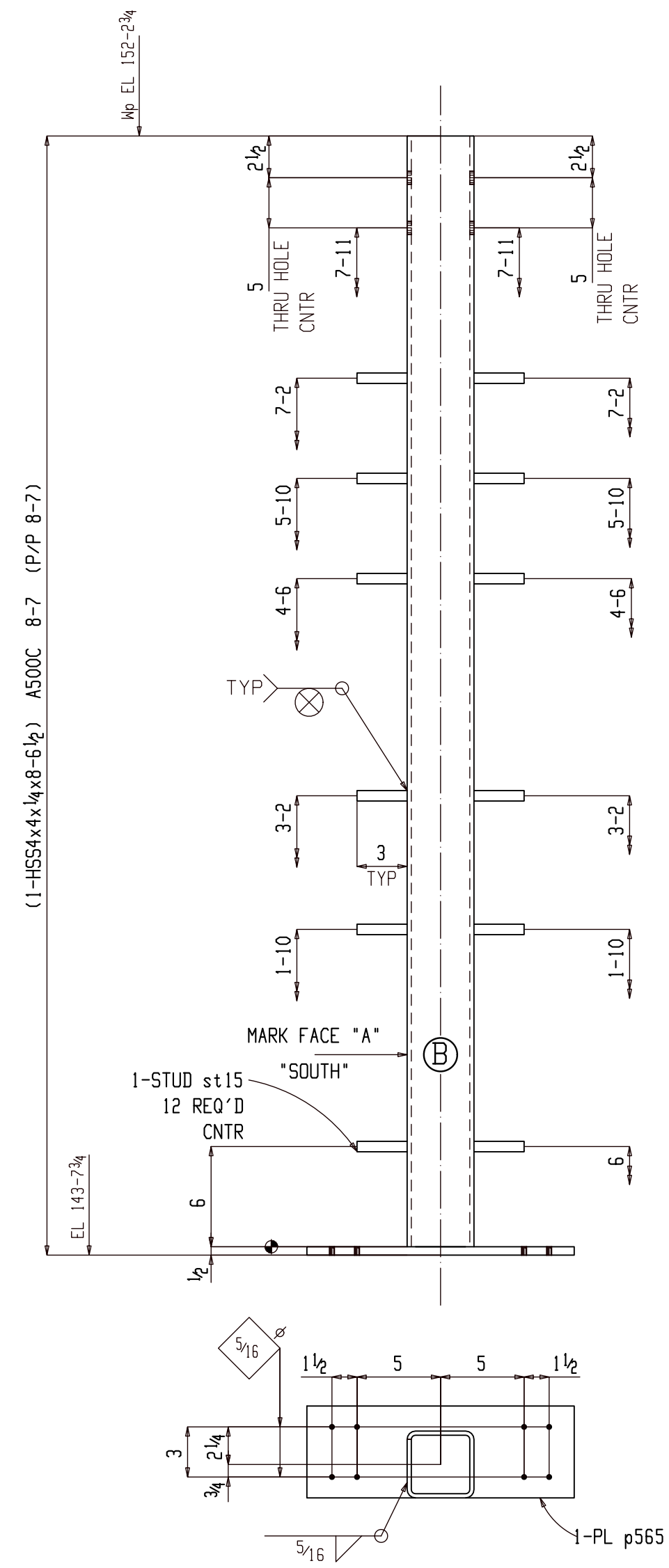
HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	2
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 01C108	

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	01C109		COLUMN				120	240
2		01C109	HSS4x4x1/4	A500C		8-6 1/2	104	209
24		st15	TWS 5/8	A108		3	0	6
2		p565	PL 1/2x5 1/2	A36		1-4	12	25
			FIELD BOLTS					
4			3/4 Dia A307				6	



**2 COLUMNS 01C109**

AT GRID: (E REFER: E102)  
 E & 3  
 D & 18  
 1SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

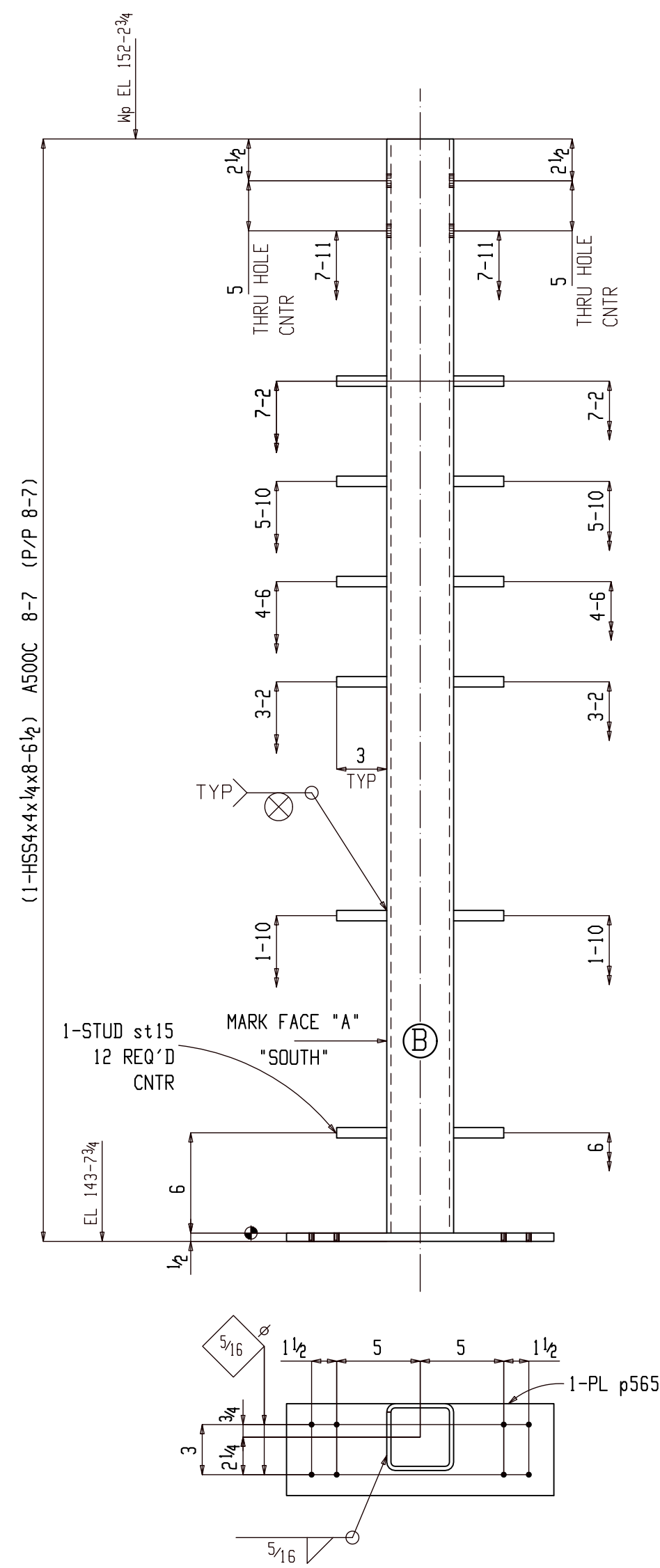
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE

**GENERAL ARRANGEMENT**

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	A
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01C109		
CHECKER	ALN						
APPROVED	04-04-22						

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
4	01C110		COLUMN					120	480
4		01C110	HSS4x4x1/4	A500C		8-6 1/2	104	417	
48		st15	TWS 5/8	A108		3	0	13	
4		p565	PL 1/2x5 1/2	A36		1-4	12	50	
			FIELD BOLTS						
8			3/4 Dia A307					6	



**4 COLUMNS 01C110**

AT GRID: (E REFER: E102)  
 F & 3  
 X3 & 4  
 D.2 & 18  
 D.2 & 18.5

ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

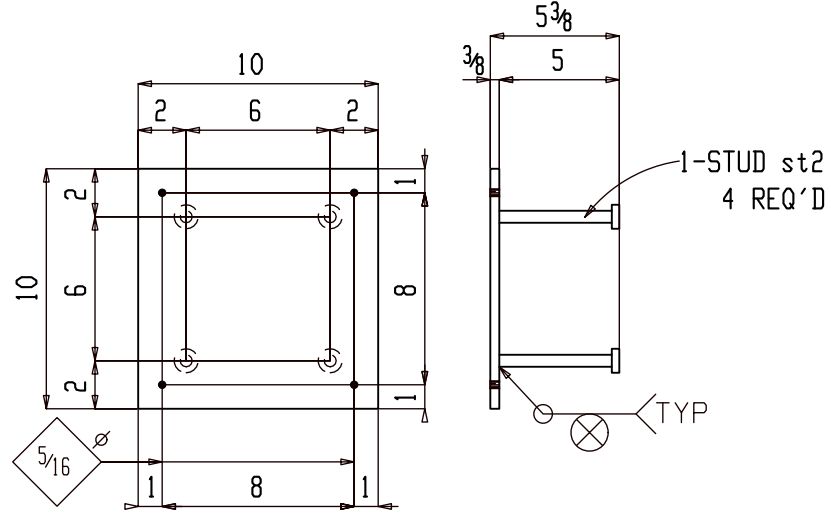
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01C110
APPROVED	04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	01EM1		EMBED PLATE				12	24
2		01EM1	PL <sup>3</sup> / <sub>8</sub> x10	A36		10	11	21
8		st2	WS <sup>1</sup> / <sub>2</sub>	A108	NELSON	5	0	3



NAILER HOLE

2 EMBED PLATE 01EM1

(EM REFER: EM1)  
(S REFER : 9/S6.6)

NO PAINT

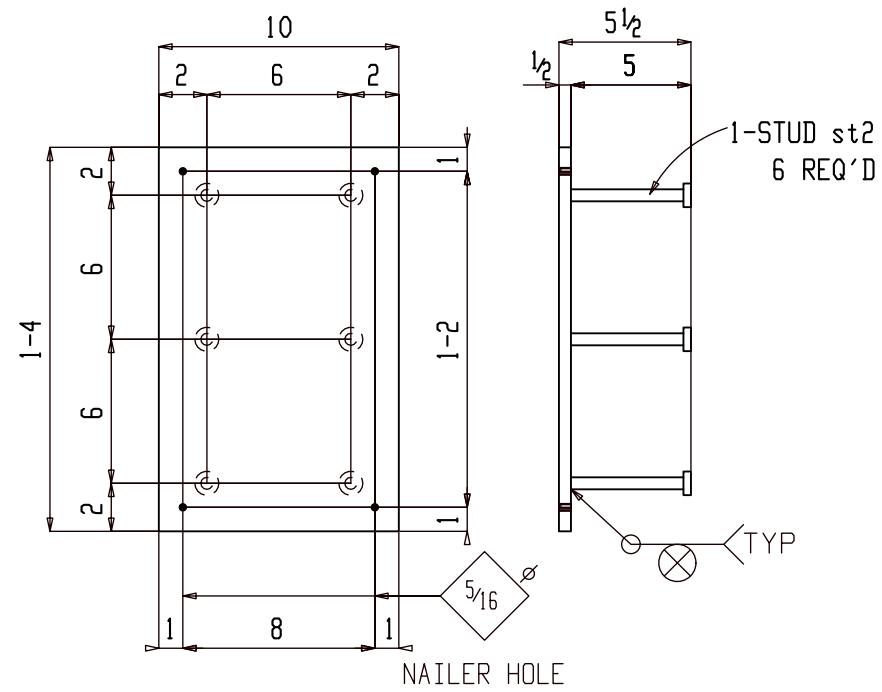
### FOR FABRICATION

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN		04-18-22
	REV	DESCRIPTION	DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
			DWG NO	01EM1	



2 EMBED PLATES 01EM2

(EM REFER: EM1)  
(S REFER : 9/S6.2)

NO PAINT


### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	01EM2		EMBED PLATE				25	49
2		01EM2	PL 1/2x10	A36		1-4	23	45
12		st2	WS 1/2	A108	NELSON	5	0	4

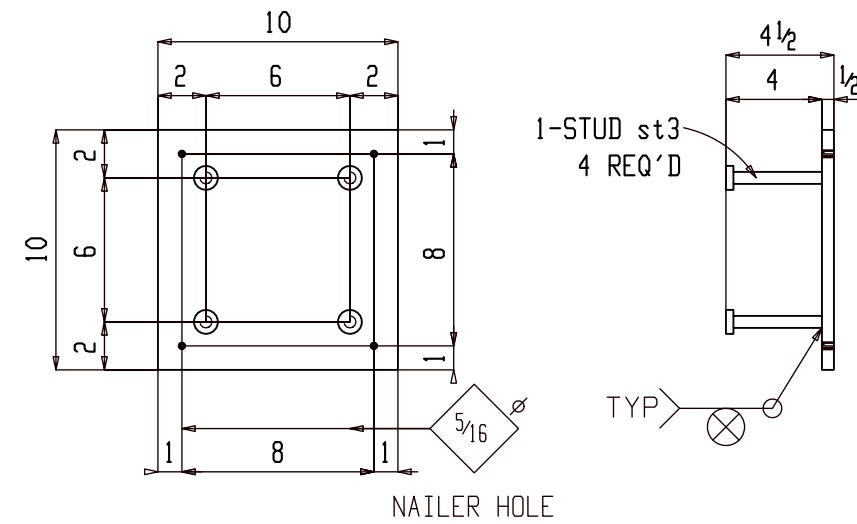
**FOR FABRICATION**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED	0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DETAILER	AKM	2210	△
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	01EM2





2 EMBED PLATES 01EM3

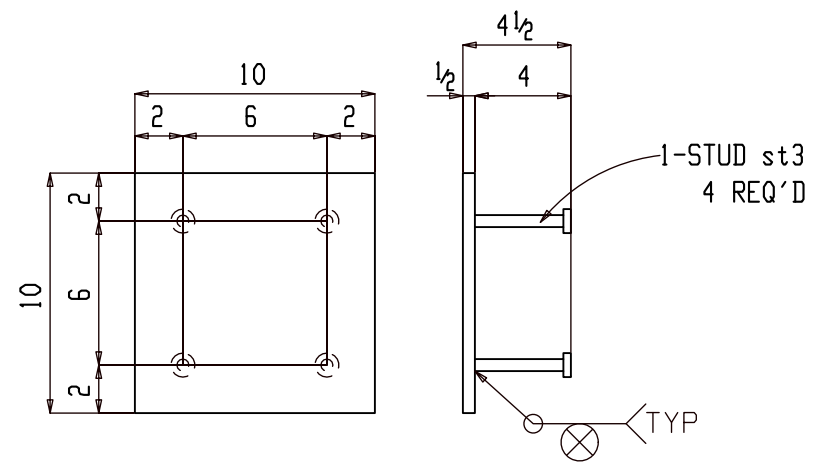
(EM REFER: EM2)  
(S REFER : 18/S6.2)

NO PAINT

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	01EM3		EMBED PLATE				15	31
2		01EM3	PL 1/2x10	A36		10	14	28
8		st3	WS 1/2	A108	NELSON	4	0	2

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE
			
DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22			PROJECT NO: 2210 REV:  JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA DWG NO: 01EM3



2 EMBED PLATES 01EM4

(EM REFER: EM2)  
(S REFER : 17/S6.2)

NO PAINT

### BILL OF MATERIAL

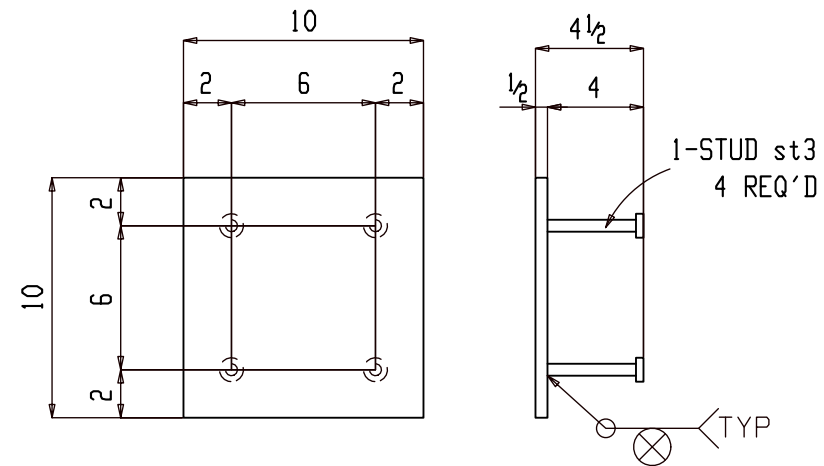
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	01EM4		EMBED PLATE				15	31
2		01EM4	PL 1/2x10	A36		10	14	28
8		st3	WS 1/2	A108	NELSON	4	0	2

### FOR FABRICATION

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED	0	For Fabrication
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT			PROJECT NO	2210
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	
CHECKER	ALN	DWG NO	01EM4	
APPROVED	04-04-22			



4 EMBED PLATES 01EM5

(EM REFER: EM2)  
(S REFER : 17/S6.2)

NO PAINT

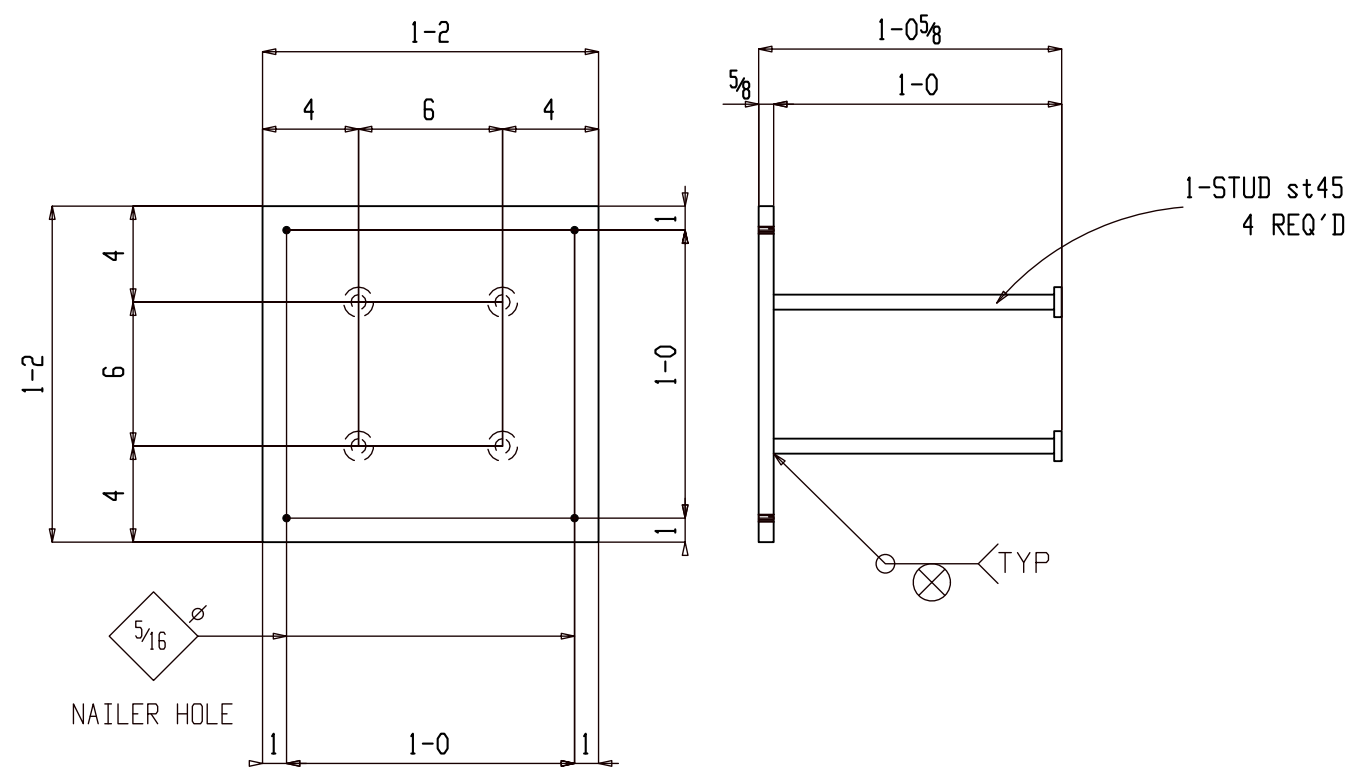
**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	01EM5		EMBED PLATE				15	61
4		01EM5	PL 1/2x10	A36		10	14	57
16		st3	WS 1/2	A108	NELSON	4	0	4

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			
<small>           DETAILER: AKM            DATE: 04-04-22            CHECKER: ALN            APPROVED: 04-04-22         </small>	<small>           JOB NAME: MILWAUKEE STATION APARTMENTS            JOB LOCATION: GREAT FALLS, MONTANA         </small>	<small>           PROJECT NO: 2210            REV:  </small>	<small>           DWG NO: 01EM5         </small>



BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
6	01EM6		EMBED PLATE					39	235
6		01EM6	PL <sup>5/8</sup> x14	A36		1-2	35	208	
24		st45	WS <sup>5/8</sup>	A108	NELSON (PIGGYBACKED)	1-0	1	27	



6 EMBED PLATES 01EM6

(EM REFER: EM3)  
(S REFER : 10/S6.3 & 11/S6.3)

NO PAINT

ONE QTY 01EM7 DELETED  
AND CLUBED WITH 01EM6

FOR FABRICATION

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED	0	For Fabrication
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT

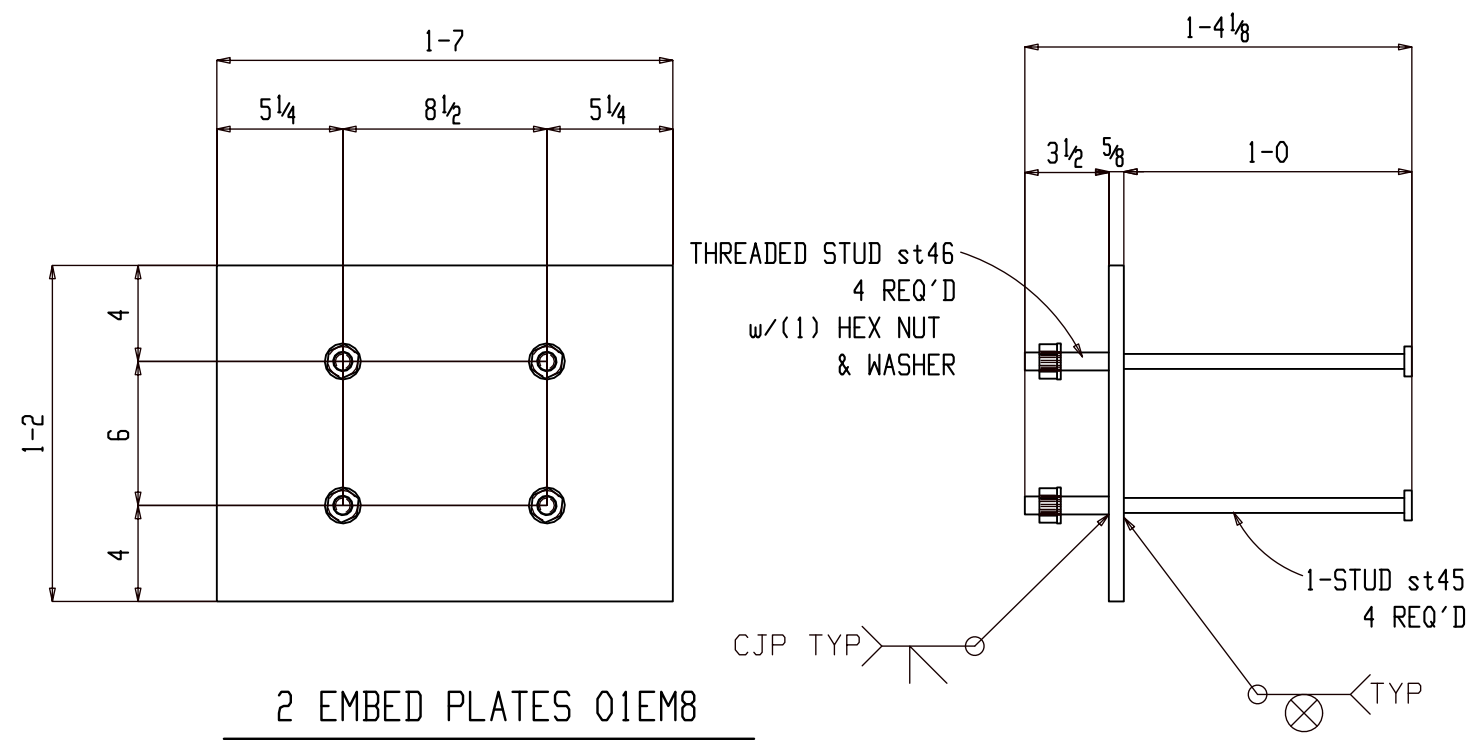
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01EM6
CHECKER	ALN				
APPROVED	04-04-22				

## BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

ONE QTY 01EM7 DELETED  
AND CLUBED WITH 01EM6

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication 06-27-22
GENERAL NOTES ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN		A	For Approval 04-18-22
		REV	DESCRIPTION DATE
			
GENERAL ARRANGEMENT			
DETALER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22	JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA	PROJECT NO: 2210 DWG NO: 01EM7	REV: 



**2 EMBED PLATES 01EM8**

(EM REFER: EM2)  
 (S REFER : 16/S6.4)

NO PAINT

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	01EM8		EMBED PLATE				53	107
2		01EM8	PL 5/8x14	A36		1-7	47	94
8		st45	WS 5/8	A108	NELSON (PIGGYBA CKED)	1-0	1	9
8		st46	TRD 3/4	A36		3 1/2	0	4
8		t1002	NU 3/4	A563	HEX NUT			
8		t1003	WA 3/4	F436	WASHER			

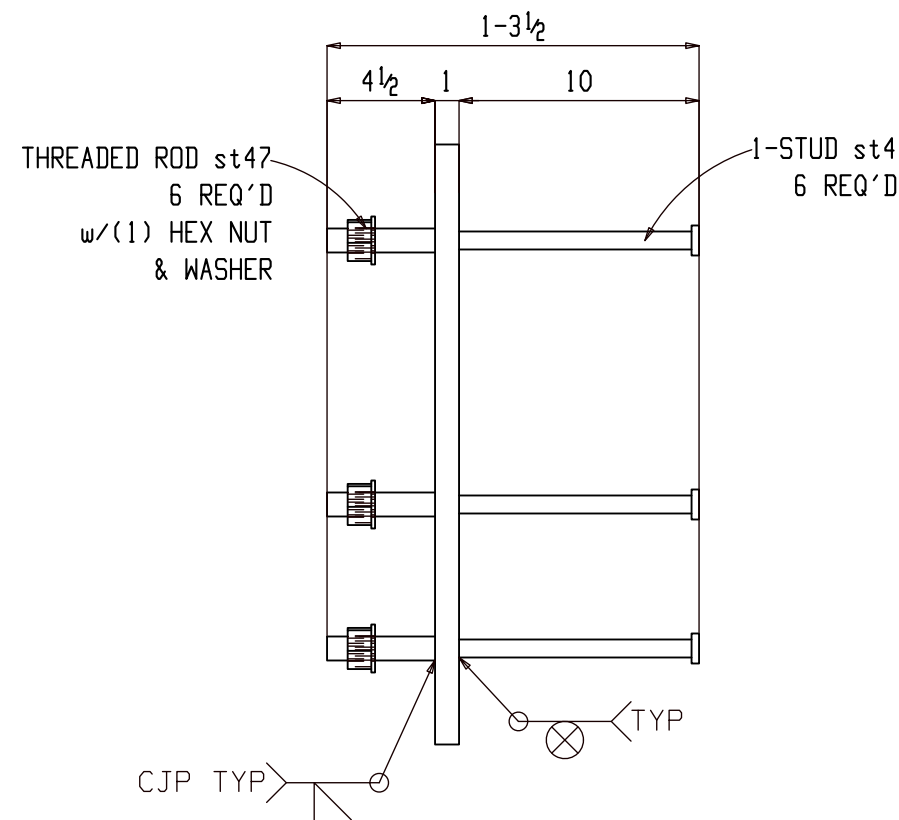
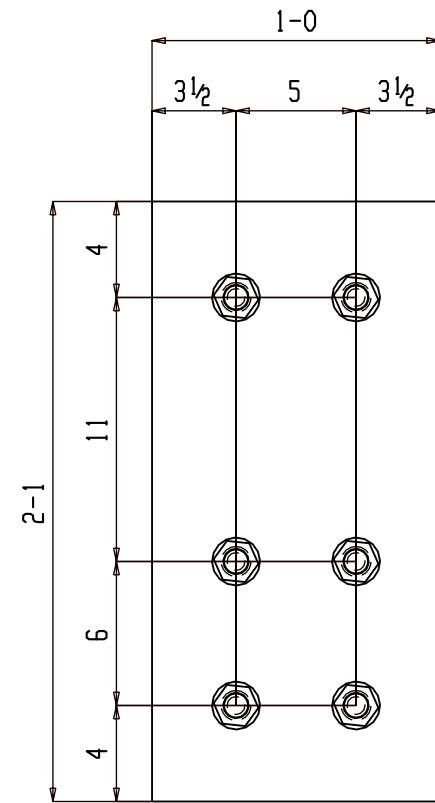
**FOR FABRICATION**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01EM8
CHECKER	ALN				
APPROVED	04-04-22				



8 EMBED PLATES 01EM9

(EM REFER: EM2)  
(S REFER : 1/S6.4)

NO PAINT

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
8	01EM9		EMBED PLATE				99	792
8		01EM9	PL1x12	A572-50		2-1	85	681
48		st4	WS3/4	A108	NELSON (PIGGYBA CKED)	10	1	63
48		st47	TRD1	A36		4 1/2	1	48
48		t1004	NU1	A563	HEX NUT			
48		t1005	WA1	F436	WASHER			

FOR FABRICATION

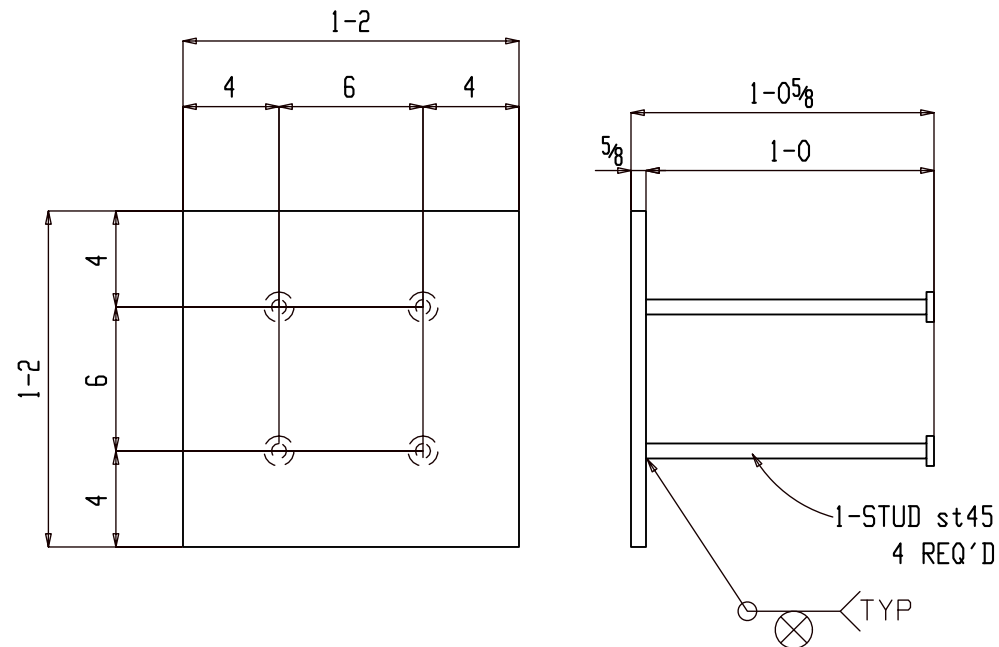
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED	0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
REV	DESCRIPTION		DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01EM9
APPROVED	04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
60	01EM10		EMBED PLATE				39	2354
60		01EM10	PL <sup>5/8</sup> x14	A36		1-2	35	2084
240		st45	WS <sup>5/8</sup>	A108	NELSON (PIGGYBACKED)	1-0	1	270



(EM REFER: EM2)  
(S REFER : 11/S6.3)

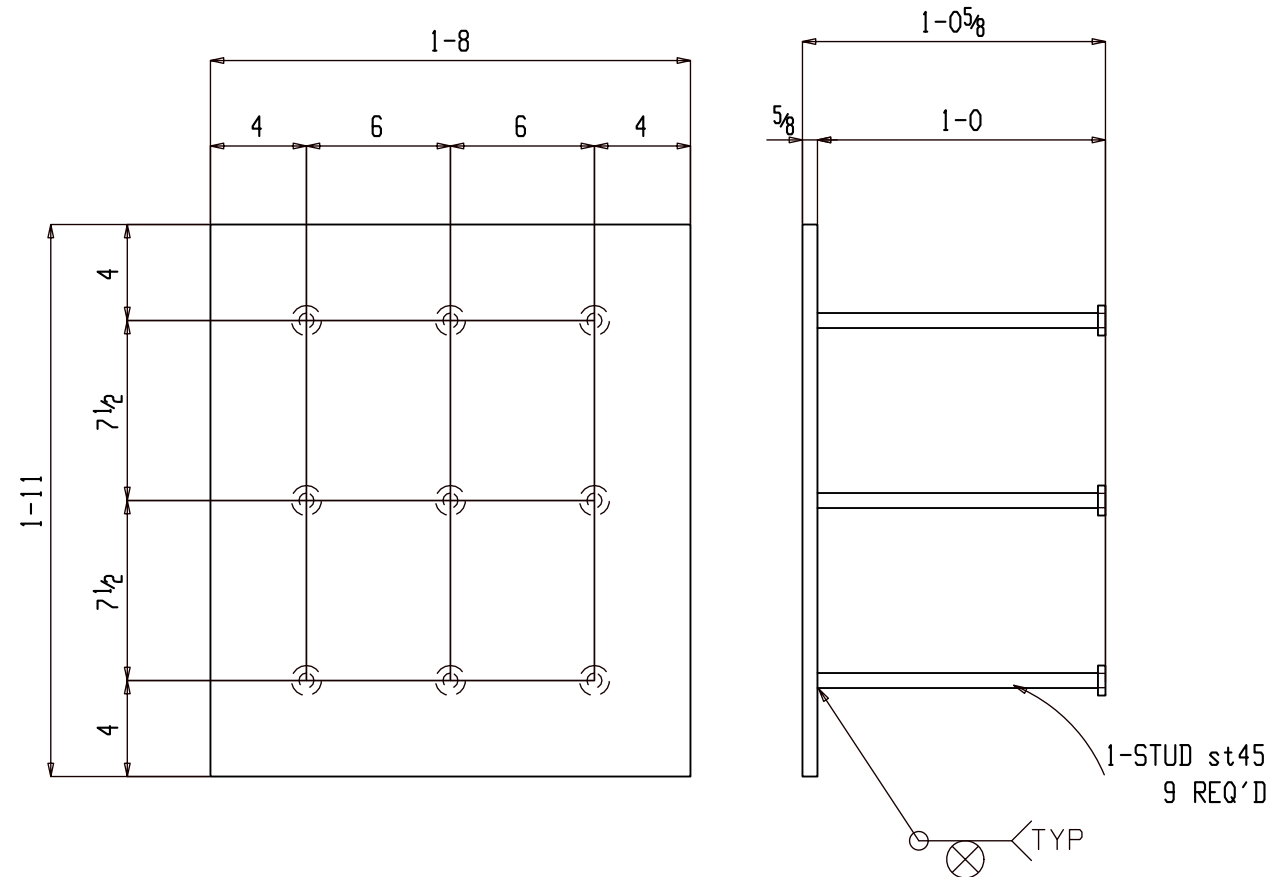
NO PAINT

### FOR FABRICATION

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	$1\frac{3}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE







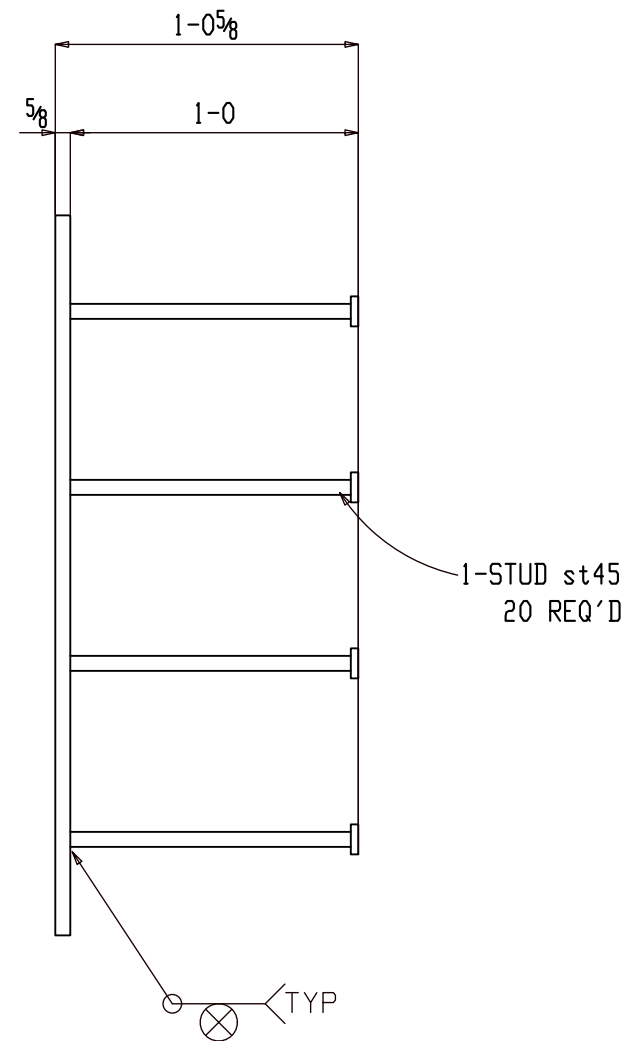
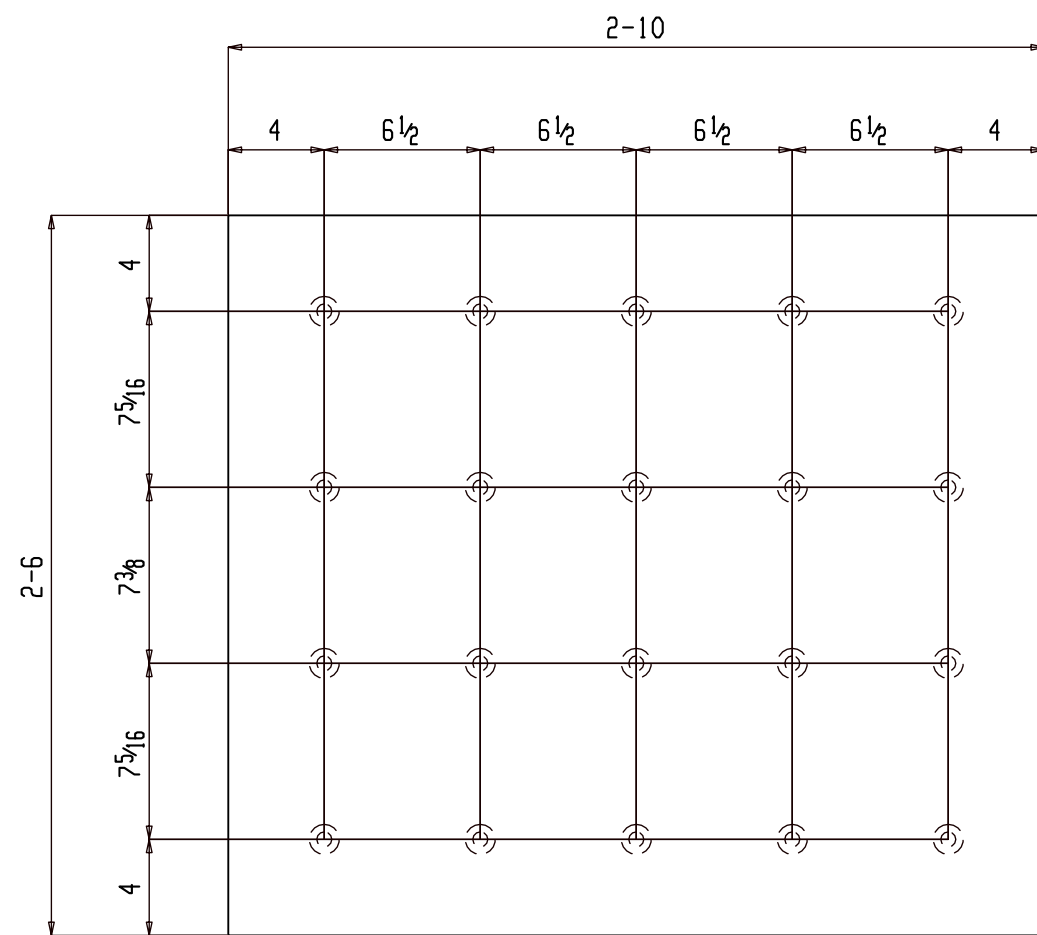
ONE EMBED PLATE 01EM11

(EM REFER: EM2)  
(S REFER : 11/S6.3)

NO PAINT

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	01EM11		EMBED PLATE					92	92
1		01EM11	PL <sup>5/8</sup> x20	A36		1-11		82	82
9		st45	WS <sup>5/8</sup>	A108	NELSON (PIGGYBACKED)	1-0		1	10

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED	0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE
			
DETAILER AKM DATE 04-04-22 CHECKER ALN APPROVED 04-04-22		JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA	
		PROJECT NO 2210 REV 	DWG NO 01EM11



ONE EMBED PLATE 01EM12

(EM REFER: EM2)  
(S REFER : 11/S6.3)

NO PAINT

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01EM12		EMBED PLATE				203	203
1		01EM12	PL <sup>5/8</sup> x30	A36		2-10	181	181
20		st45	WS <sup>5/8</sup>	A108	NELSON (PIGGYBA CKED)	1-0	1	23

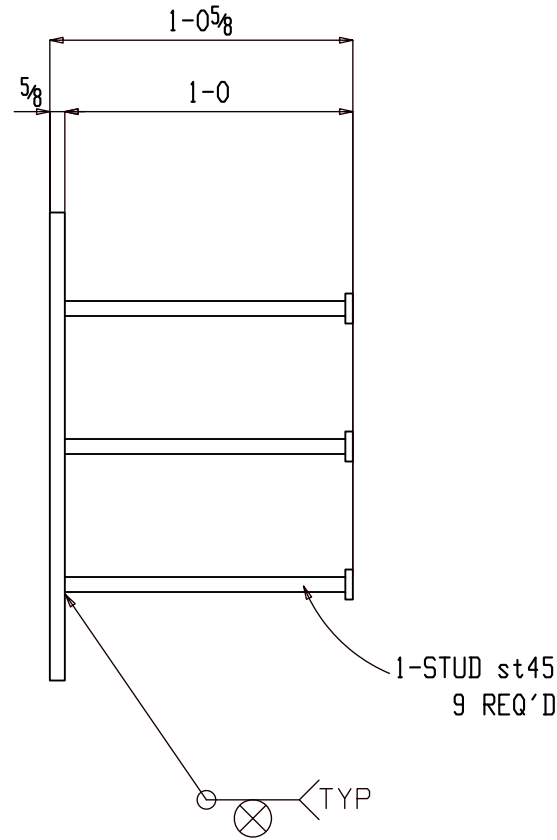
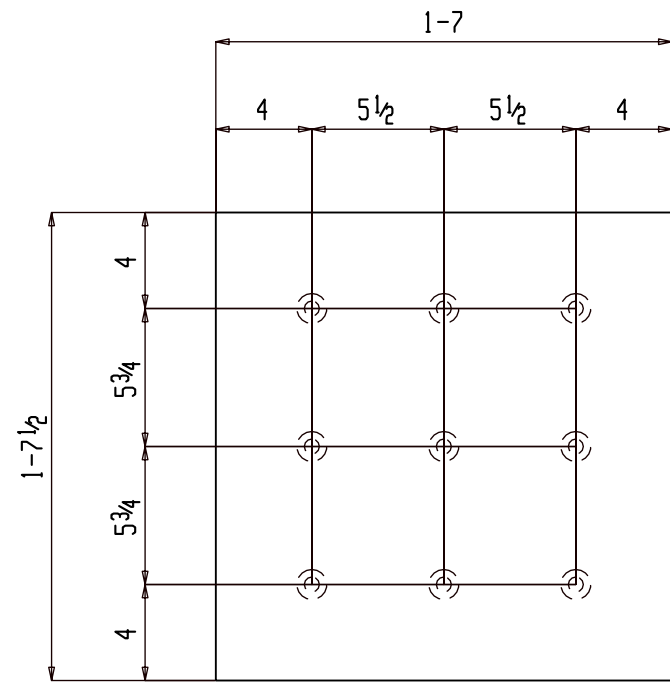
### FOR FABRICATION

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				



ONE EMBED PLATE 01EM13

(EM REFER: EM2)  
(S REFER : 11/S6.3)

NO PAINT

### BILL OF MATERIAL

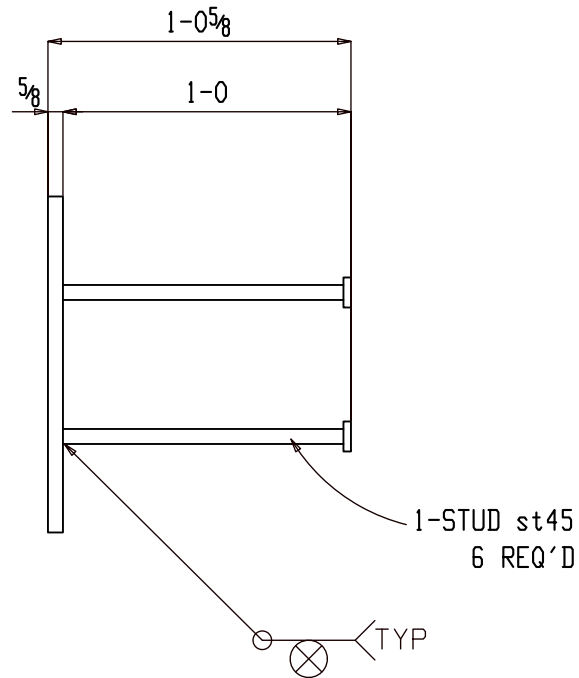
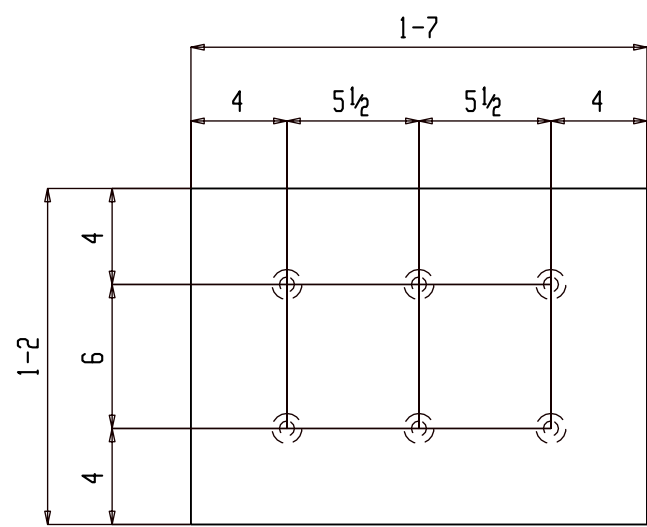
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01EM13		EMBED PLATE				76	76
1		01EM13	PL 5/8x19	A36		1-7 1/2	66	66
9		st45	WS 5/8	A108	NELSON (PIGGYBACKED)	1-0	1	10

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
REV	DESCRIPTION		DATE

GENERAL ARRANGEMENT

DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22	JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA	PROJECT NO: 2210 REV:	DWG NO: 01EM13
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ONE EMBED PLATE 01EM14

(EM REFER: EM2)  
(S REFER : 11/S6.3)

NO PAINT


### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01EM14		EMBED PLATE				54	54
1		01EM14	PL <sup>5/8</sup> x14	A36		1-7	47	47
6		st45	WS <sup>5/8</sup>	A108	NELSON (PIGGYBA CKED)	1-0	1	7

**FOR FABRICATION**

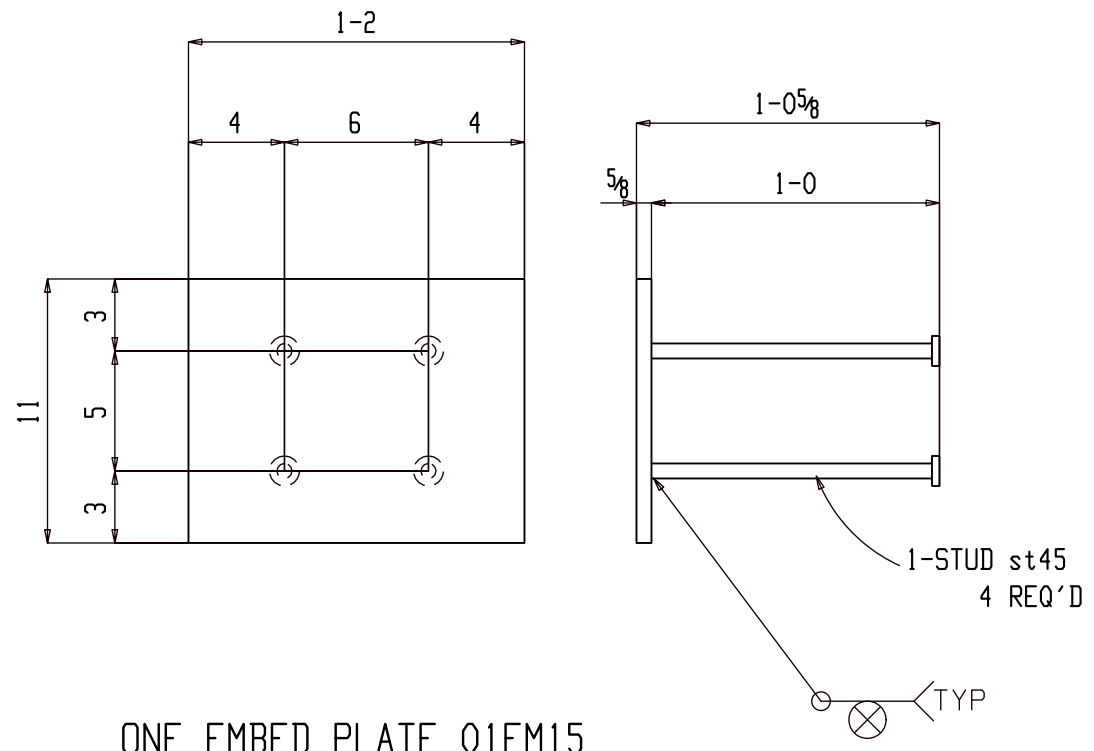
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	<sup>13/16</sup> DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01EM14
CHECKER		ALN				
APPROVED		04-04-22				

GENERAL ARRANGEMENT



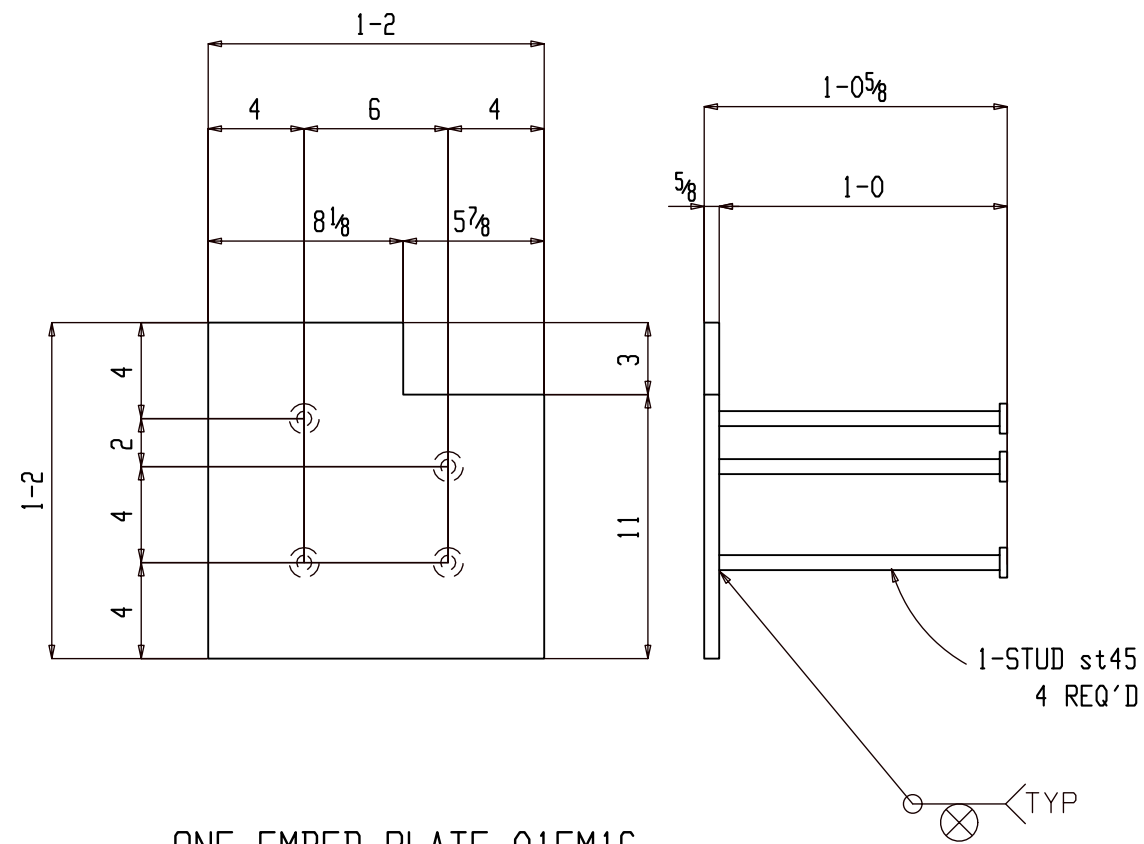
ONE EMBED PLATE 01EM15

(EM REFER: EM2)  
(S REFER : 11/S6.3)

NO PAINT

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	01EM15		EMBED PLATE					32	32
1		01EM15	PL 5/8x11	A36		1-2	27	27	
4		st45	WS 5/8	A108	NELSON (PIGGYBA CKED)	1-0	1	5	

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO 2210
<small>DETAILER</small> AKM <small>DATE</small> 04-04-22 <small>CHECKER</small> ALN <small>APPROVED</small> 04-04-22	<small>JOB NAME</small> MILWAUKEE STATION APARTMENTS <small>JOB LOCATION</small> GREAT FALLS, MONTANA	<small>DWG NO</small> 01EM15	<small>REV</small> 



ONE EMBED PLATE 01EM16

(EM REFER: EM2)  
(S REFER : 11/S6.3)

NO PAINT

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01EM16		EMBED PLATE				39	39
1		01EM16	PL 5/8x14	A36		1-2	35	35
4		st45	WS 5/8	A108	NELSON (PIGGYBACKED)	1-0	1	5

**FOR FABRICATION**

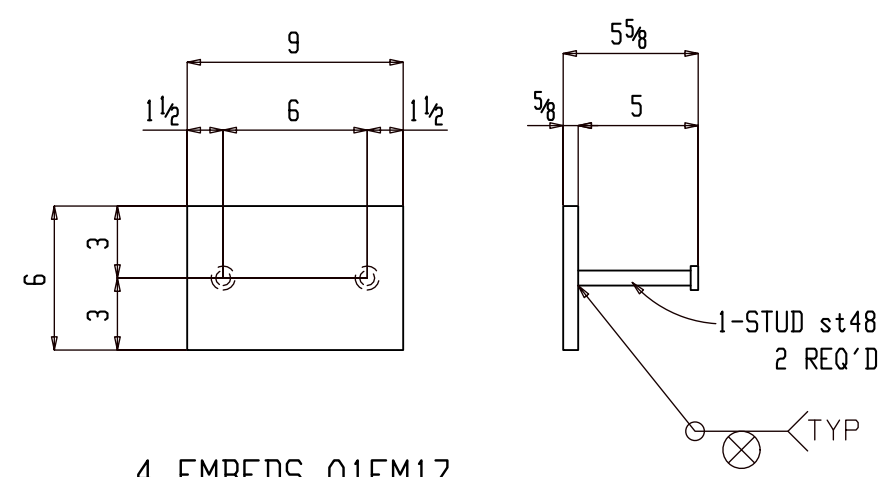
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED	0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
REV	DESCRIPTION		DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01EM16
CHECKER	ALN				
APPROVED	04-04-22				

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	01EM17		EMBED				11	42
4		01EM17	PL <sup>5/8</sup> x6	A36		9	10	38
8		st48	WS <sup>5/8</sup>	A108	NELSON	5	0	4



4 EMBEDS 01EM17

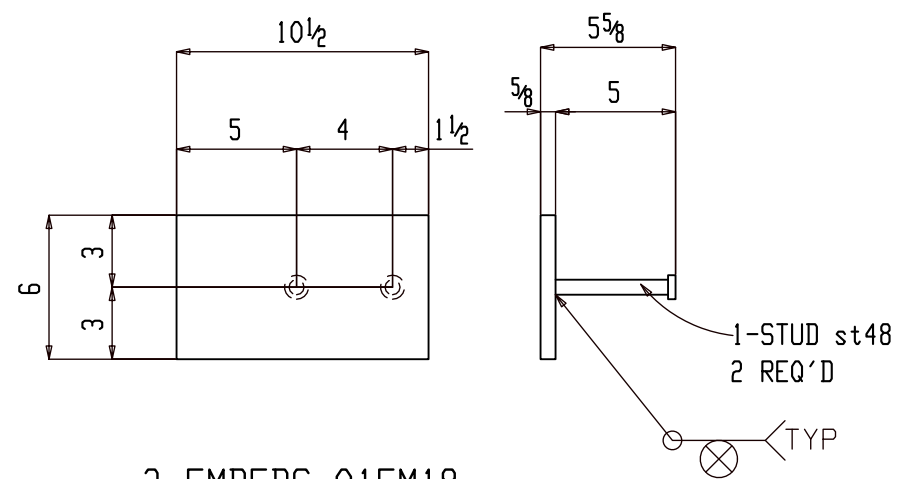
(EM REFER: EM7)  
(S REFER : 16\_S4.2 - RFI34)

NO PAINT

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE

DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO	2210	REV	▲
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO	01EM17		
CHECKER		ALN									
APPROVED		04-04-22									



2 EMBEDS 01EM18

(EM REFER: EM7)  
(S REFER : 16\_S4.2 - RFI34)

NO PAINT

### BILL OF MATERIAL

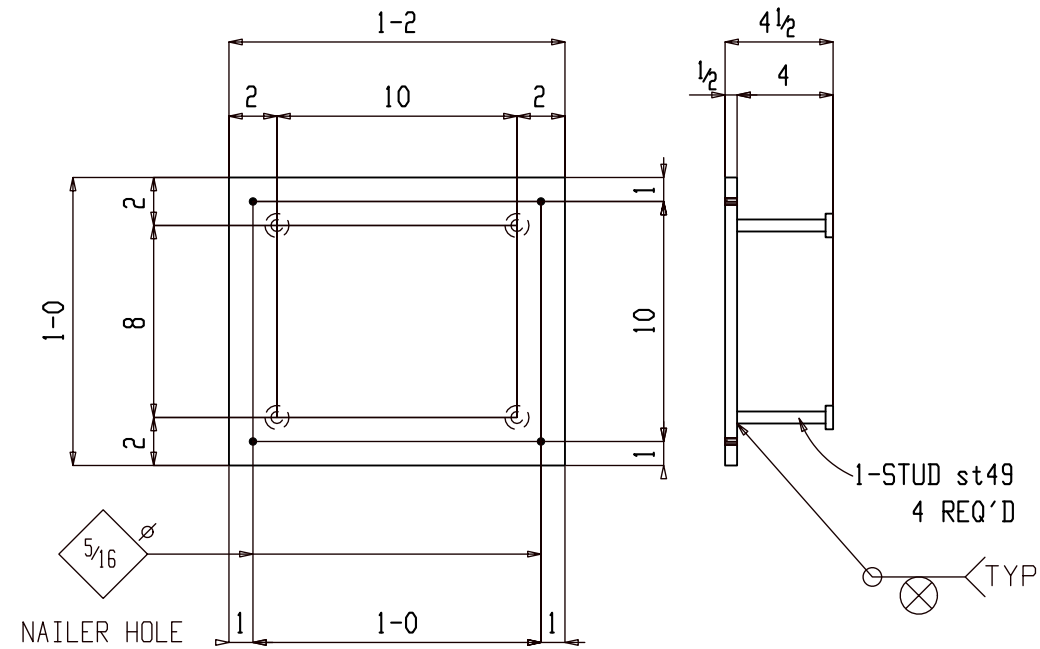
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	01EM18		EMBED				12	24
2		01EM18	PL <sup>5</sup> / <sub>8</sub> x6	A36		10 <sup>1</sup> / <sub>2</sub>	11	22
4		st48	WS <sup>5</sup> / <sub>8</sub>	A108	NELSON	5	0	2

### FOR FABRICATION

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED	0	For Fabrication
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	01EM18
APPROVED	04-04-22				



18 EMBEDS 01EM19

(EM REFER: EM7 & EM8)  
(REFER : ELEVATOR SHOP DWG.S)

NO PAINT

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
18	01EM19		EMBED				25	449
18		01EM19	PL 1/2x12	A36		1-2	24	429
72		st49	WS 1/2	A108	NELSON	4	0	20

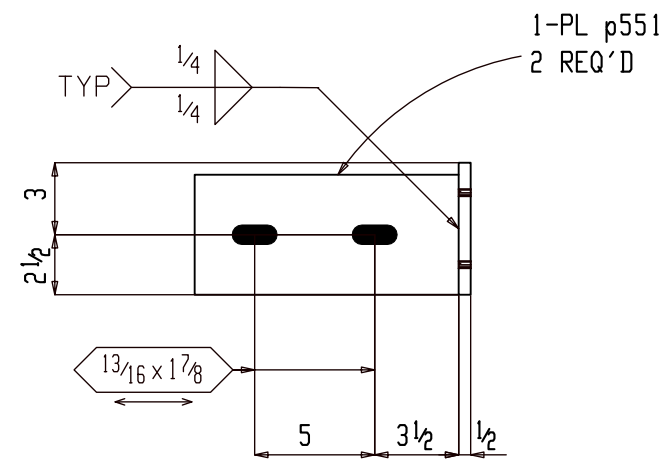
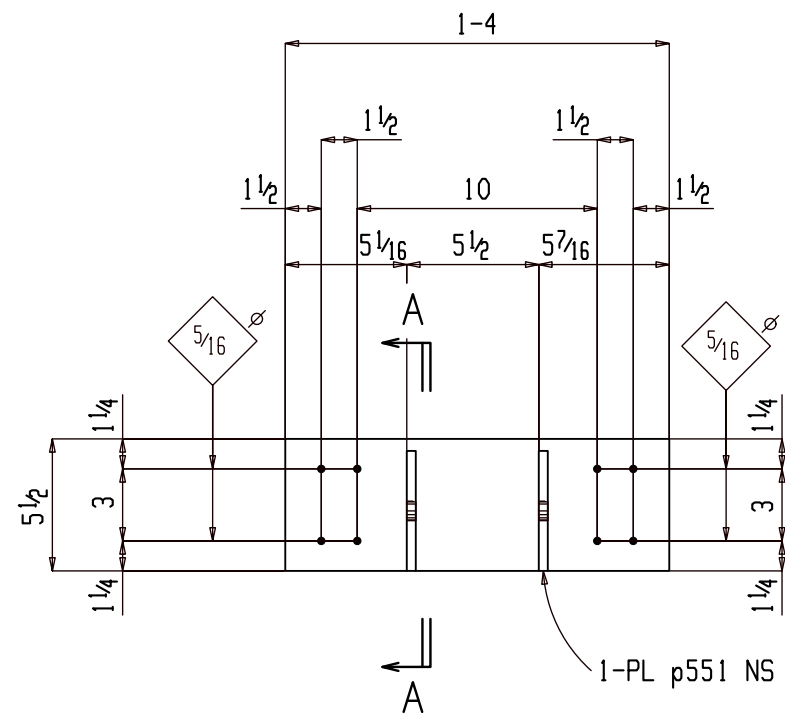
### FOR FABRICATION

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				
					DWG NO 01EM19



Section A-A

01M101

ONE MISC 01M101

(E REFER: E101)  
(S REFER : 12/S7.5)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01M101		MISC				24	24
1		01M101	PL 1/2x5 1/2	A36		1-4	12	12
2		p551	PL 3/8x5	A36		11	6	12

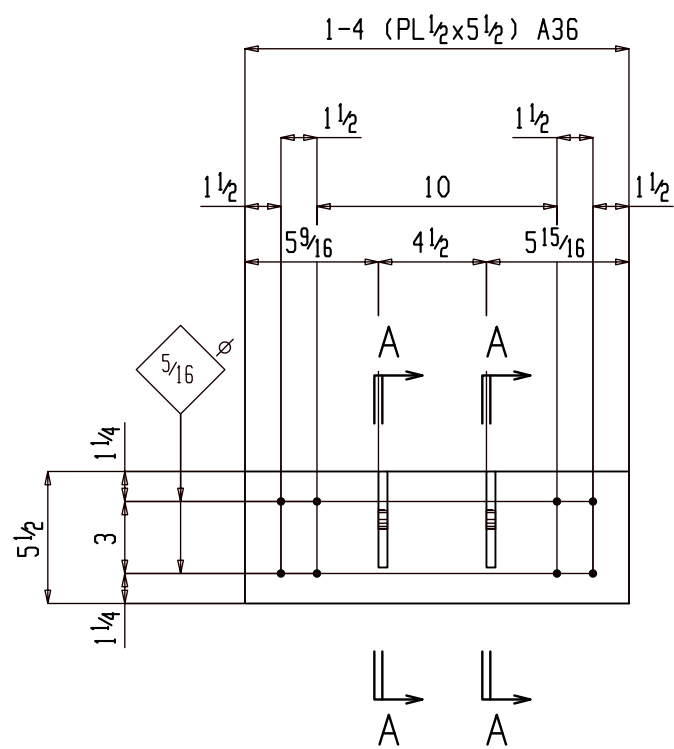
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



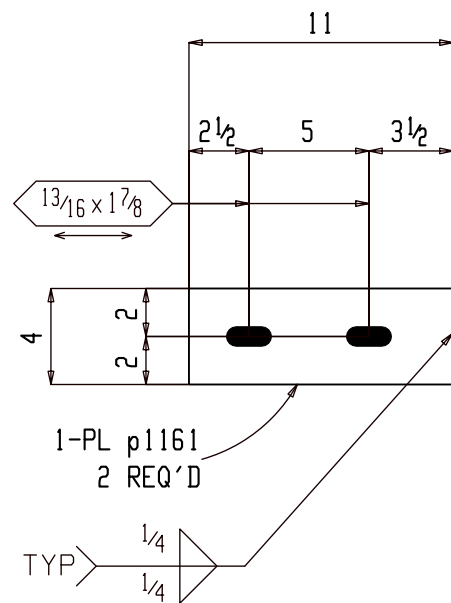
DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER		JOB LOCATION		DWG NO	
ALN	04-04-22	GREAT FALLS, MONTANA	01M101		



10 MISCS 01M102

(E REFER: E101)  
(S REFER: 12/S7.5)

ISC PRIMER



Section A-A

01M102

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
10	01M102		MISC				22	218
10		01M102	PL $1/2 \times 5 1/2$	A36		1-4	12	125
20		p1161	PL $3/8 \times 4$	A36		11	5	94

### FOR APPROVAL

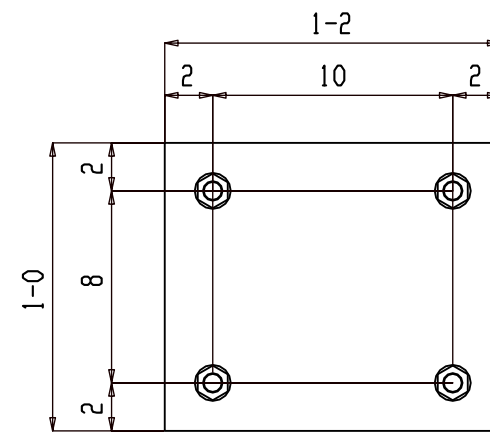
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	$13/16$ DIA (UNO)		
SURFACE	SP2		
FINISH	ISC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

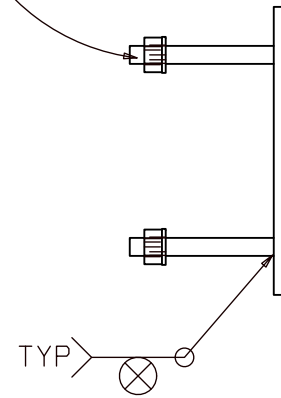


GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER			
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	
APPROVED	04-04-22			01M102	





1-THRD ROD st53  
4 REQ'D



31 MISCS 01M103

### BILL OF MATERIAL

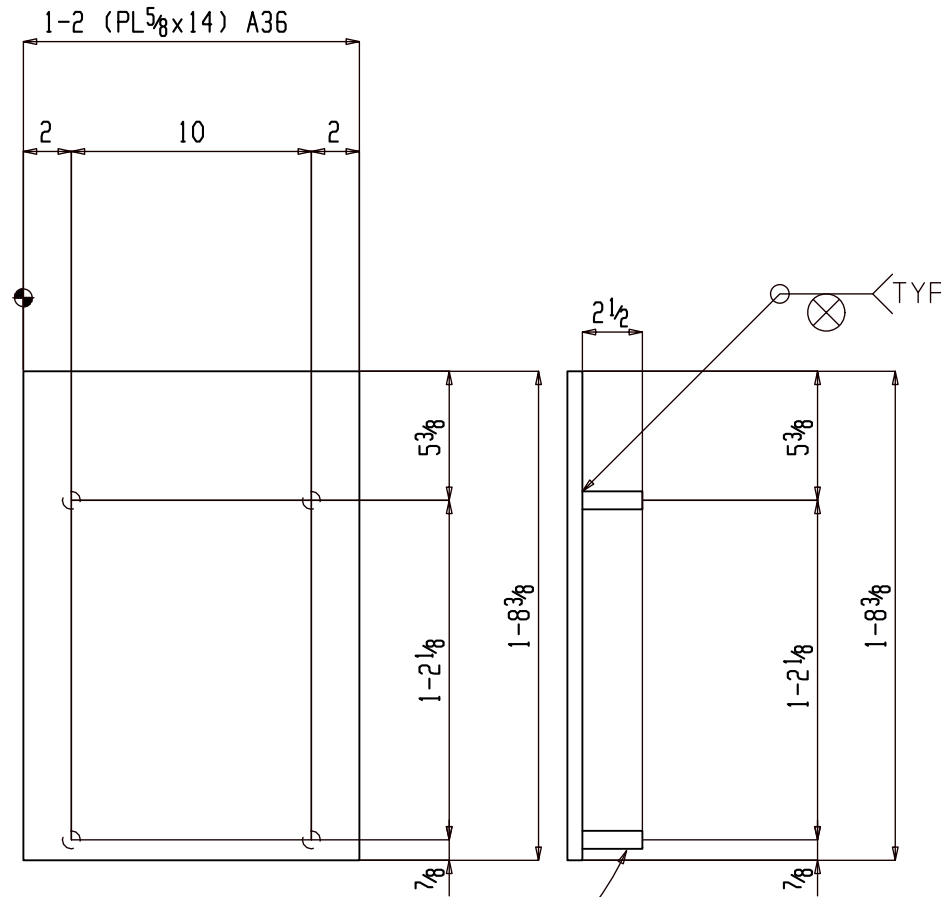
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
31	01M103		MISC				33	1016
31		01M103	PL <sup>5/8</sup> x12	A36		1-2	30	923
124		st53	THREADED ROD <sup>3/4</sup>	A108		6	1	93
124		bit10	<sup>3/4</sup> NUT	A563	HHNT			
124		bit10	<sup>3/4</sup> WASHER	F436	HD			

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	<sup>13/16</sup> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DETAILER	AKM	JOB NAME	2210	△
DATE	04-04-22	MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		
APPROVED	04-04-22	GREAT FALLS, MONTANA	DWG NO	01M103



1-STUD st52  
4 REQ'D

ONE MISC 01M104

(E REFER: EXXX)

NO PAINT

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01M104		MISC				52	52
1		01M104	PL 5/8x14	A36		1-8 3/8	51	51
4		st52	TWS 3/4	A108		2 1/2	0	1

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

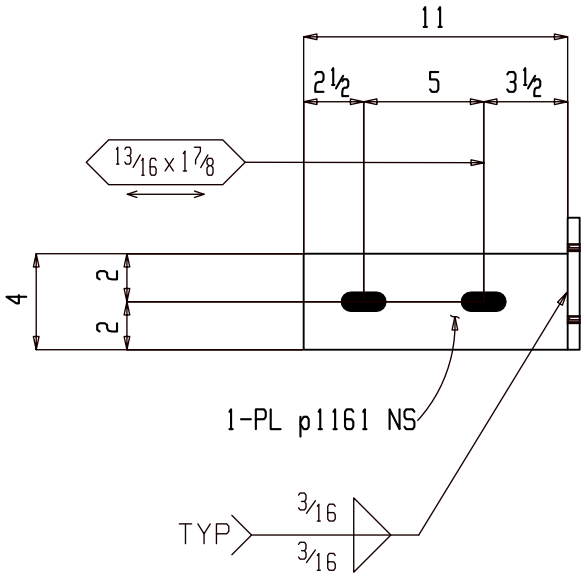
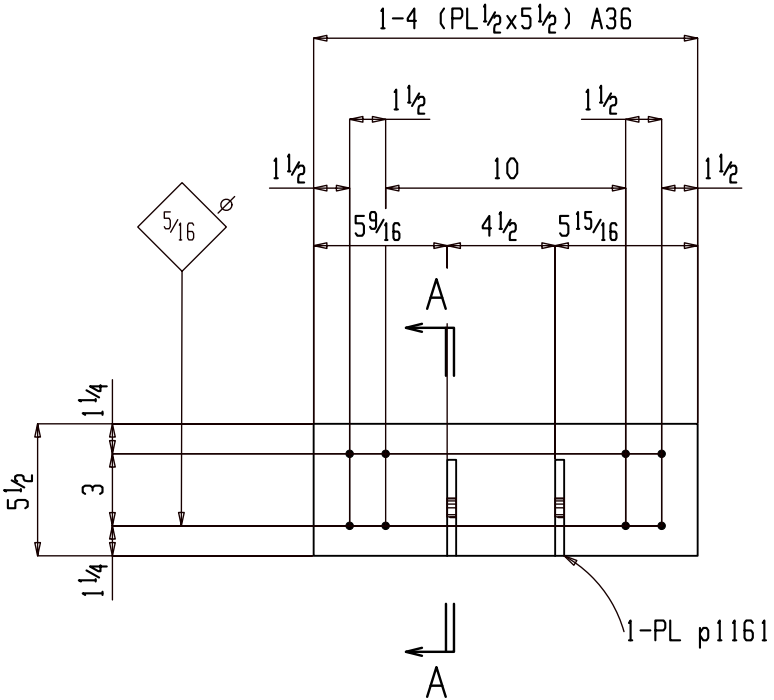
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				
				DWG NO	01M104

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
20	01M105		MISC				22	437
20		01M105	PL 1/2x5 1/2	A36		1-4	12	250
40		p1161	PL 3/8x4	A36		11	5	187



20 MISCS 01M105

(E REFER: EXX)

ISC PRIMER

Section A-A

01M105

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

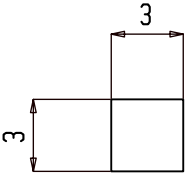
HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	ISC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	2210	REV	
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS			
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA			
CHECKER	ALN	DWG NO	01M105			
APPROVED	04-04-22					

## BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
64	01S1		SHIM PLATES				0	10
64		01S1	PL <sup>1</sup> / <sub>16</sub> x3	A36		3	0	10



**64 SHIM PLATES 01S1**

(AB REFER: ABP1 & ABP2)

NO PAINT

### FOR FABRICATION

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

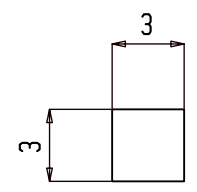
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	2210
DETAILER <u>AKM</u> DATE <u>04-04-22</u> CHECKER <u>ALN</u> APPROVED <u>04-04-22</u>	JOB NAME <b>MILWAUKEE STATION APARTMENTS</b> JOB LOCATION <b>GREAT FALLS, MONTANA</b>	PROJECT NO	2210
		DWG NO	01S1

# BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
64	01S2		SHIM PLATE				0	20
64		01S2	PL 1/8x3	A36		3	0	20



64 SHIM PLATES 01S2

(AB REFER: ABP1 & ABP2)

NO PAINT

## FOR FABRICATION

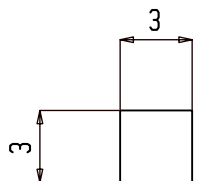
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication 06-27-22
GENERAL NOTES ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN		A	For Approval 04-18-22
		REV	DESCRIPTION DATE



<small>ANDERSON STEEL SUPPLY, INC. IS A MATERIALS SUPPLIER ONLY DESIGN VERIFICATION AND REVIEW IS THE RESPONSIBILITY OF THE DESIGNER OF RECORD</small>			
<small>GENERAL ARRANGEMENT</small>			
<small>DETAILER</small> AKM	<small>JOB NAME</small> MILWAUKEE STATION APARTMENTS	<small>PROJECT NO</small> 2210	<small>REV</small>
<small>DATE</small> 04-04-22	<small>JOB LOCATION</small> GREAT FALLS, MONTANA	<small>DWG NO</small> 01S2	
<small>CHECKER</small> ALN			
<small>APPROVED</small> 04-04-22			

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
32	01S3		SHIM PLATE				1	20
32		01S3	PL 1/4x3	A36		3	1	20



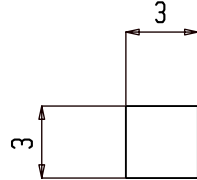
**32 SHIM PLATES 01S3**

(AB REFER: ABP1 & ABP2)

NO PAINT

<b>FOR FABRICATION</b>			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED	0	For Fabrication
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
	REV	DESCRIPTION	DATE
GENERAL ARRANGEMENT			
DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22	JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA	PROJECT NO: 2210 DWG NO: 01S3	REV:



BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
32	01S4		SHIM PLATE				1	41
32		01S4	PL 1/2x3	A36		3	1	41



32 SHIM PLATES 01S4

(AB REFER: ABP1 & ABP2)

NO PAINT

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE
			
DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22			PROJECT NO: 2210 REV:  JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA DWG NO: 01S4

01TP1 DELETED

BILL OF MATERIAL

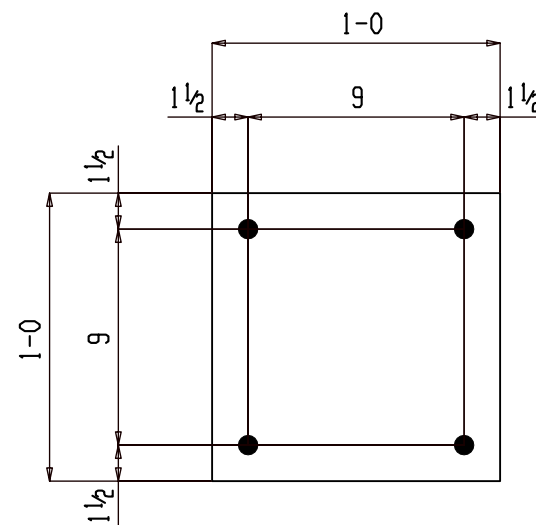
	Ship	Sub					Weight	Weight
Qty	Mark	Mark	Description	Material	Remark	Length	Unit	Total

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	$1\frac{3}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO	2210	REV	△
DATE	04-04-22	CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA			DWG NO	01TP1		
APPROVED	04-04-22										







7 TEMPLATES 01TP2

(AB REFER: ABP1)  
(S REFER :2/S4.1 & 20/S4.2)

NO PAINT

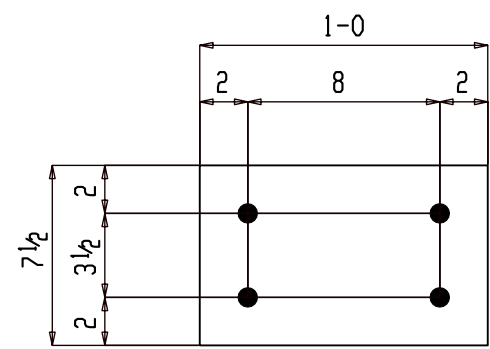
### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
7	01TP2		TEMPLATE				4	27
7		01TP2	PL12 GAx12			1-0	4	27

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	$1\frac{3}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED	0	For Fabrication	06-27-22
GENERAL NOTES ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	04-18-22
	REV	DESCRIPTION	DATE
			
DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22		JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA	
		PROJECT NO: 2210 REV: 	DWG NO: 01TP2

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	01TP3		TEMPLATE				3	3
1		01TP3	PL12 GAx7 1/2			1-0	3	3



ONE TEMPLATE 01TP3

(AB REFER: ABP1)  
(S REFER : 16/S3.1)

NO PAINT

**FOR FABRICATION**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV														
<table border="0"> <tr><td>DETAILER</td><td>AKM</td></tr> <tr><td>DATE</td><td>04-04-22</td></tr> <tr><td>CHECKER</td><td>ALN</td></tr> <tr><td>APPROVED</td><td>04-04-22</td></tr> </table>	DETAILER	AKM	DATE	04-04-22	CHECKER	ALN	APPROVED	04-04-22	<table border="0"> <tr><td>JOB NAME</td><td>MILWAUKEE STATION APARTMENTS</td></tr> <tr><td>JOB LOCATION</td><td>GREAT FALLS, MONTANA</td></tr> </table>	JOB NAME	MILWAUKEE STATION APARTMENTS	JOB LOCATION	GREAT FALLS, MONTANA	2210	<table border="0"> <tr><td>△</td></tr> <tr><td>01TP3</td></tr> </table>	△	01TP3
DETAILER	AKM																
DATE	04-04-22																
CHECKER	ALN																
APPROVED	04-04-22																
JOB NAME	MILWAUKEE STATION APARTMENTS																
JOB LOCATION	GREAT FALLS, MONTANA																
△																	
01TP3																	

01TP4 DELETED

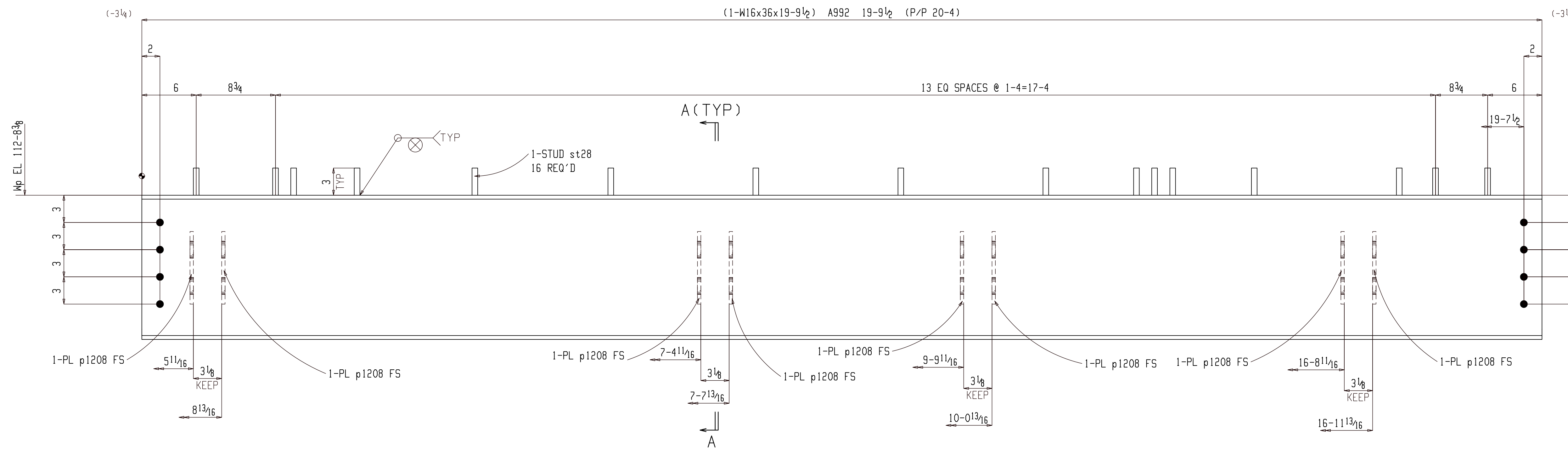
### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

FOR FABRICATION			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED		0	For Fabrication 06-27-22
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT		PROJECT NO	REV
DETAILER	AKM	2210	△
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	01TP4

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02B201		BEAM					777	777
1		02B201	W16x36	A992		19-9 1/2		713	713
16		st28	TWS 5/8	A108		3		0	4
8		p1208	TWS 5/8	A36		8 7/8		8	60
			FIELD BOLTS						
8			3/4 Dia A325N		+1HD WASH			1 3/4	

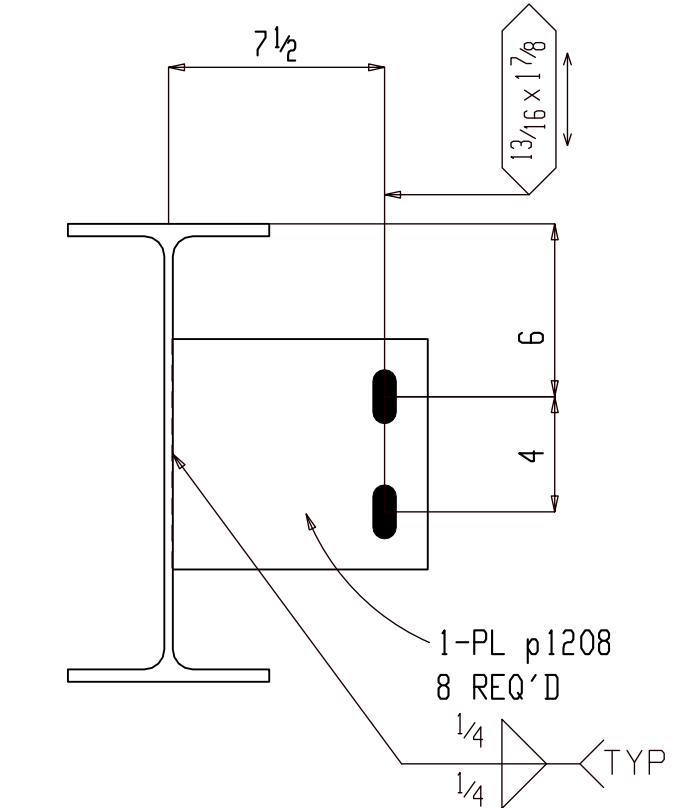


### ONE BEAM 02B201

- W 15 7/8 x 5 1/16
- F 7 x 7/16
- K 1 1/8 x 13 1/16

(E REFER: E202)

1SC PRIMER



### Section A-A

02B201

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

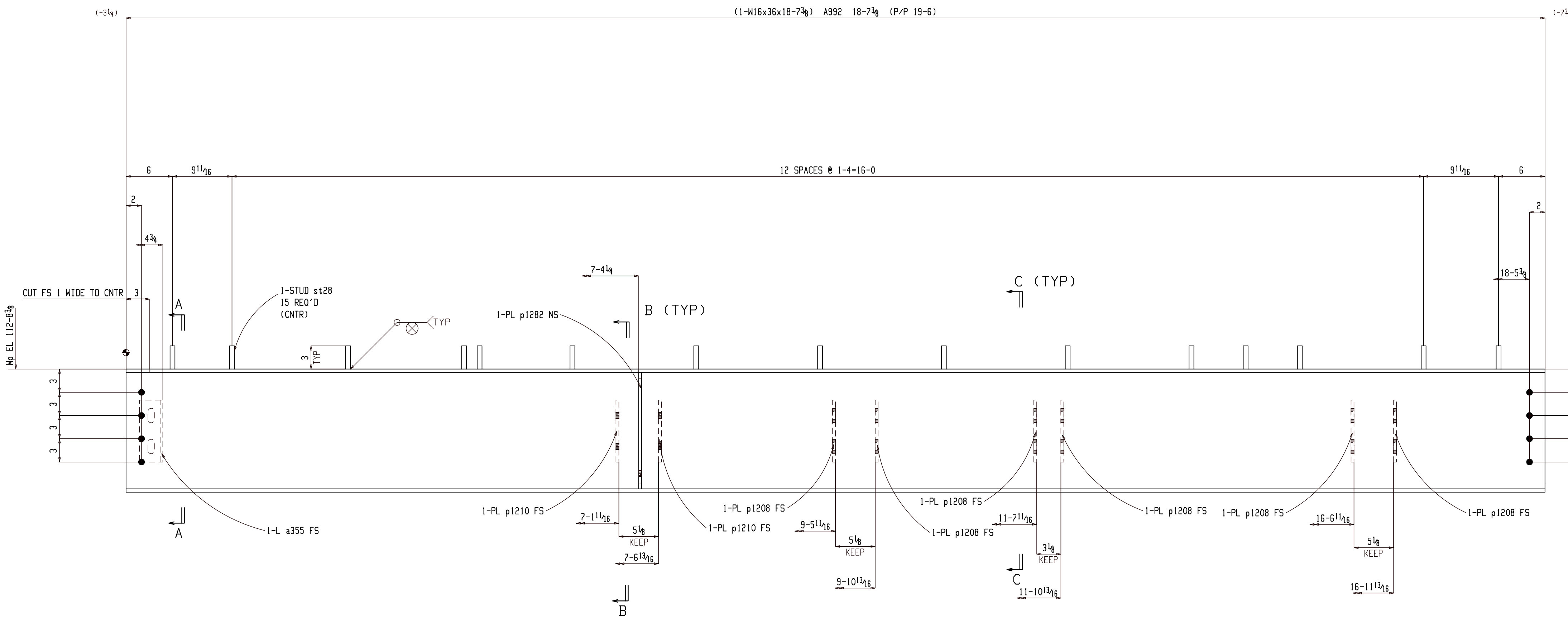
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	04-04-22	JOB NAME	2210	A
CHECKER	AKM	JOB LOCATION	MILWAUKEE STATION APARTMENTS	
APPROVED	ALN		GREAT FALLS, MONTANA	
	04-04-22			02B201

## BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight Total
ONE	02B202		BEAM					727	727
1		02B202	W16x36	A992		18-7 <sup>3</sup> / <sub>8</sub>	670	670	
15		st28	TWS <sup>3</sup> / <sub>8</sub>	A108		3	0	4	
2		p1210	PL <sup>3</sup> / <sub>8</sub> x8	A36		8 <sup>7</sup> / <sub>8</sub>	8	15	
6		p1208	PL <sup>3</sup> / <sub>8</sub> x8	A36		8 <sup>7</sup> / <sub>8</sub>	8	45	
1		p1282	PL <sup>3</sup> / <sub>8</sub> x3 <sup>3</sup> / <sub>8</sub>	A36		1-3 <sup>1</sup> / <sub>16</sub>	5	5	
1		a355	L5x3x1 <sup>1</sup> / <sub>4</sub>	A36		8	4	4	
FIELD BOLTS									
6			3/4 Dia A307			1 <sup>3</sup> / <sub>4</sub>			

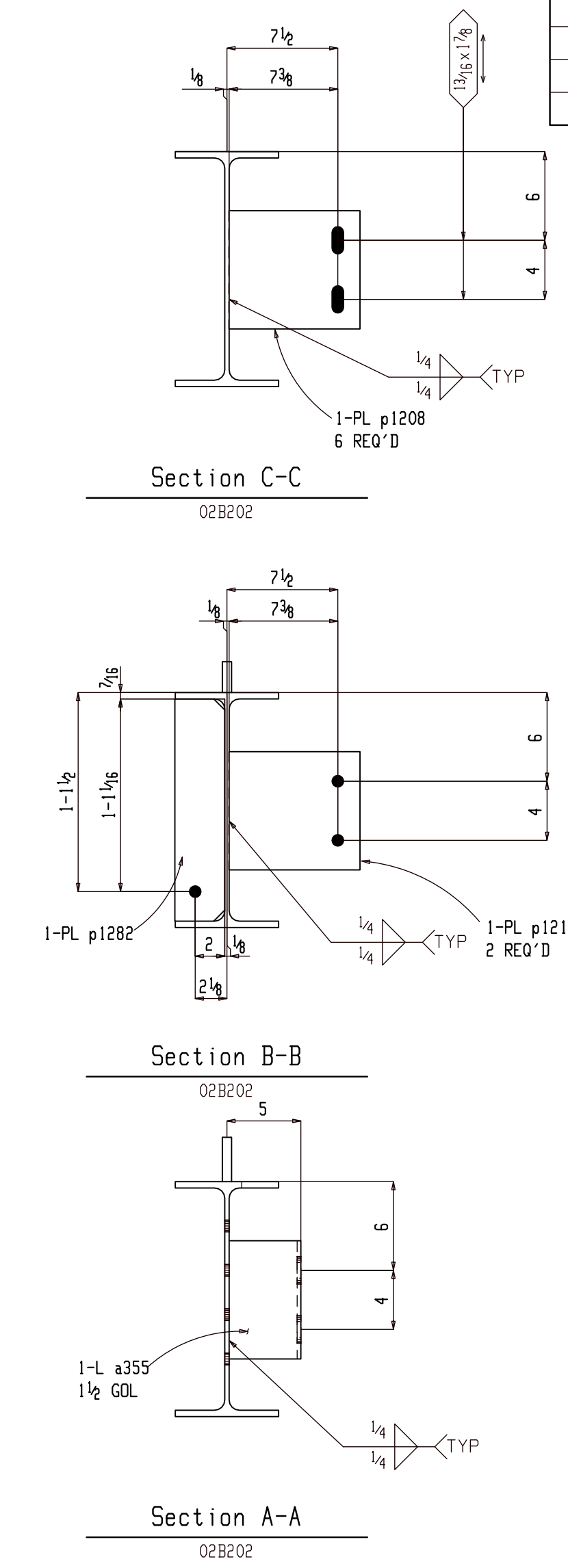


**ONE BEAM 02B202**

W 15<sup>7</sup>/<sub>8</sub>x5<sup>1</sup>/<sub>8</sub>  
 F 7x<sup>7</sup>/<sub>8</sub>  
 K 1<sup>1</sup>/<sub>8</sub>x1<sup>3</sup>/<sub>8</sub>

(E REFER: E202)

15C PRIMER



### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

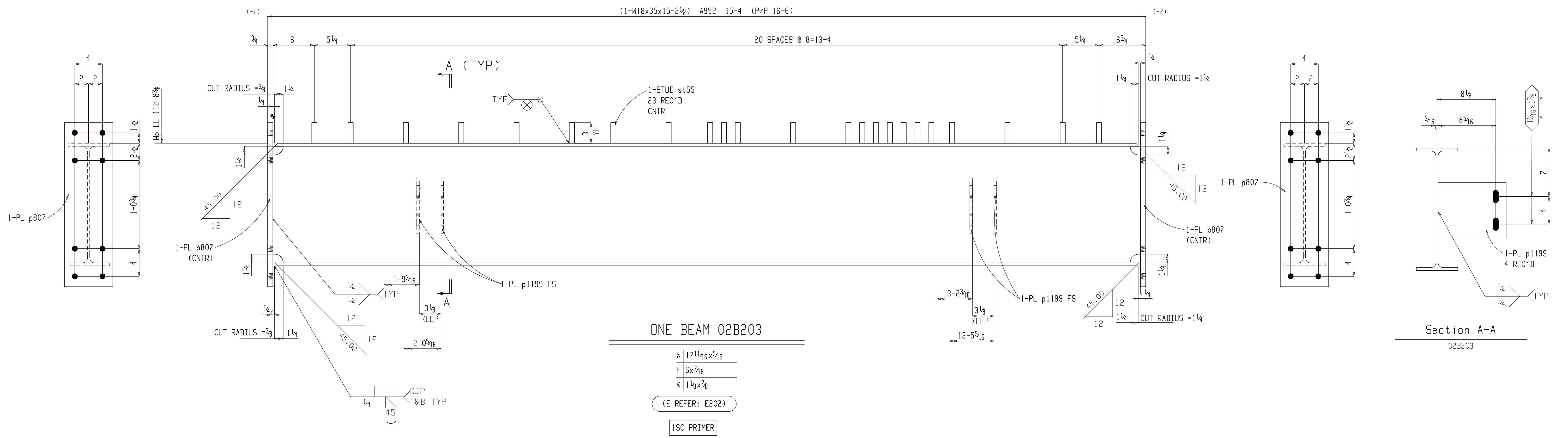
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DETAILER AKM	JOB NAME MILWAUKEE STATION APARTMENTS	2210	A
DATE 04-04-22	JOB LOCATION GREAT FALLS, MONTANA	DWG NO 02B202	
CHECKER ALN			
APPROVED 04-04-22			

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02B203		BEAM					645	645
1		02B203	W18x35	A992		15-2 1/2		532	532
23		st55	TWS 3/4	A108		3		0	9
4		p1199	PL 3/8x8	A36		9 7/8		8	34
2		p807	PL 3/4x7	A572-50		1-11 3/4		35	71
FIELD BOLTS									
16			TC 3/4 Dia A490N		+1HD WASH	2 1/2			



**FOR APPROVAL**

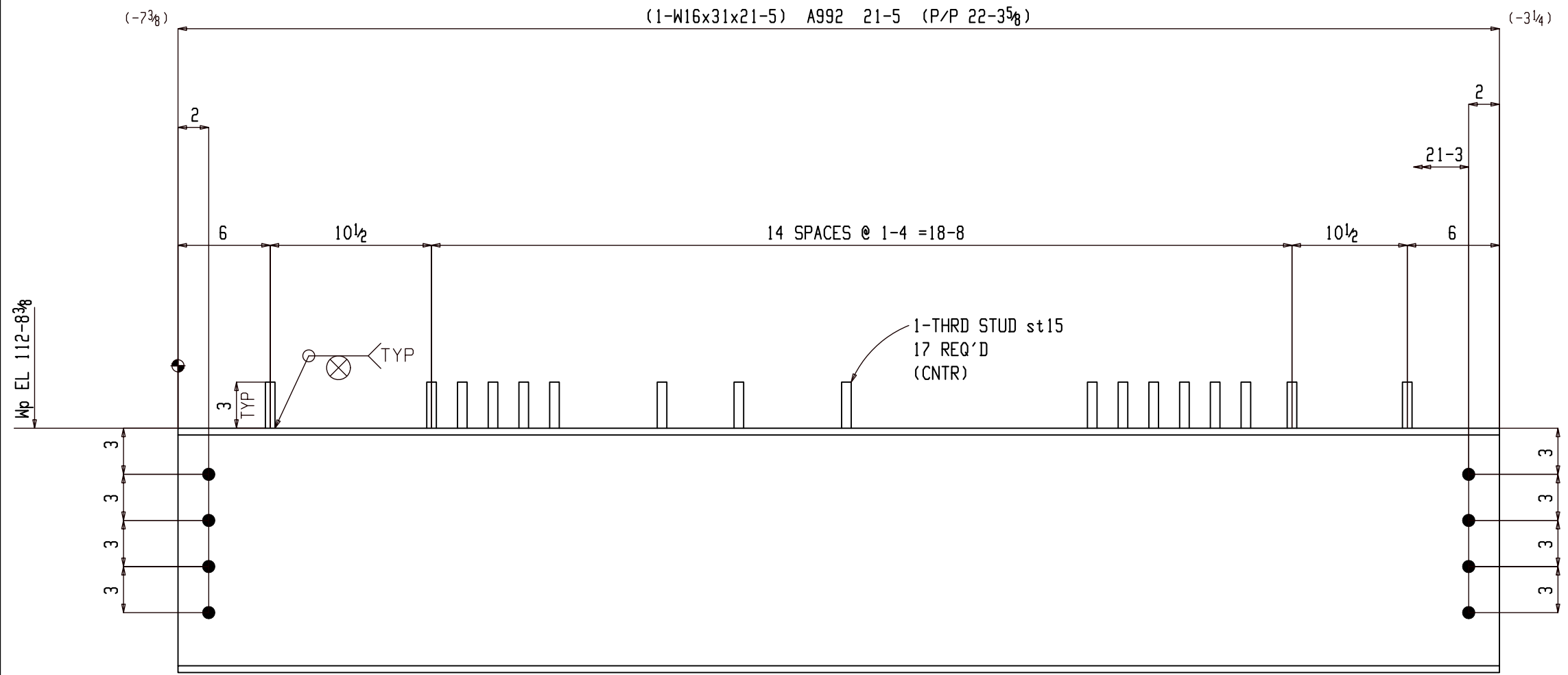
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWN	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	02B203

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B204		BEAM					668
1		02B204	W16x31	A992		21-5	664	664
17		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4
FIELD BOLTS								
8			3/4 Dia A325N		+1HD WASH	13/4		



**ONE BEAM 02B204**

W	15 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 1/2 x 7/16
K	1 1/8 x 13/16

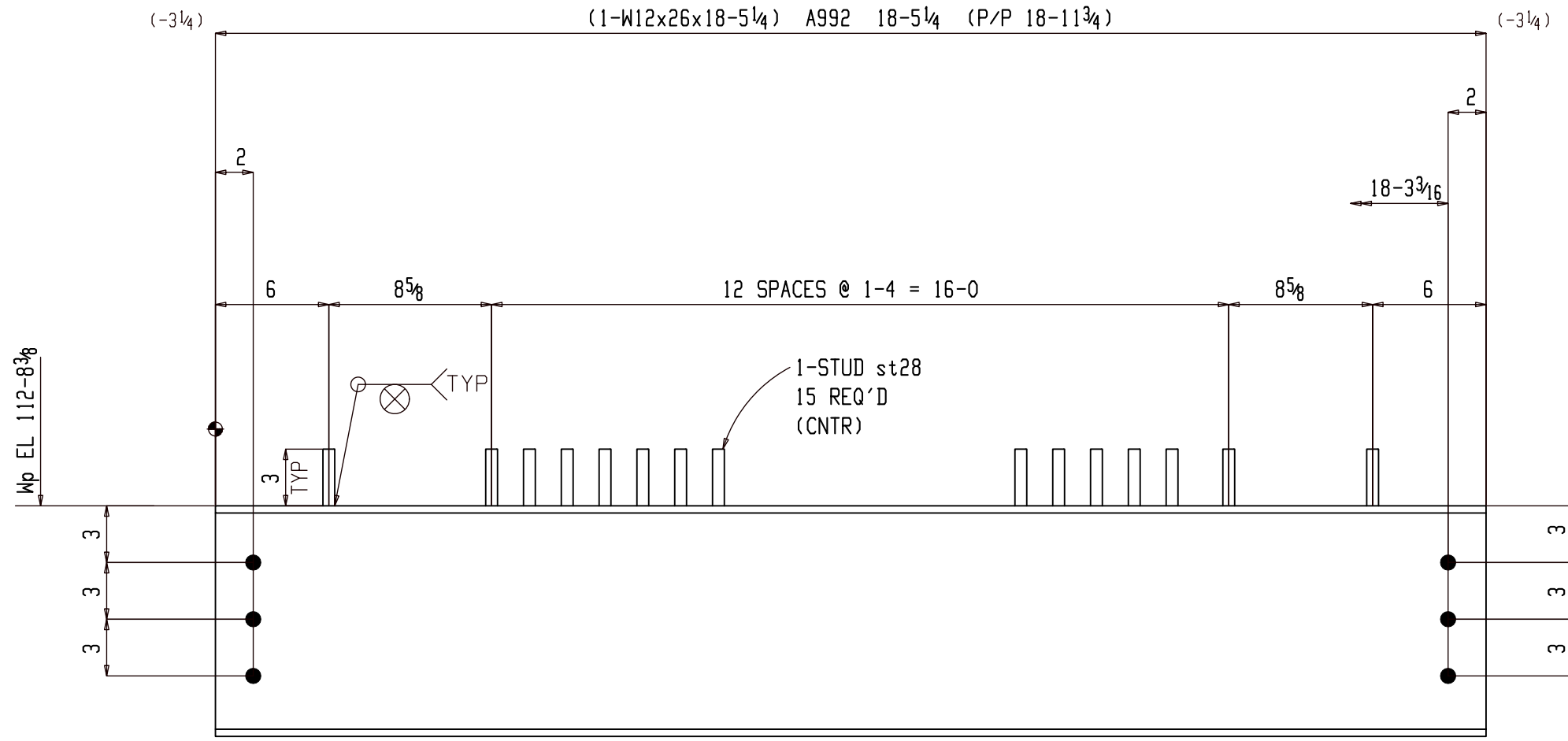
(E REFER: E202)

ISC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT PROJECT NO 2210 JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA			PROJECT NO 2210 JOB NO 02B204

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN		
APPROVED	04-04-22		

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B205		BEAM				483	483
1		02B205	W12x26	A992		18-5 <sup>1</sup> / <sub>4</sub>	479	479
15		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		




ONE BEAM 02B205

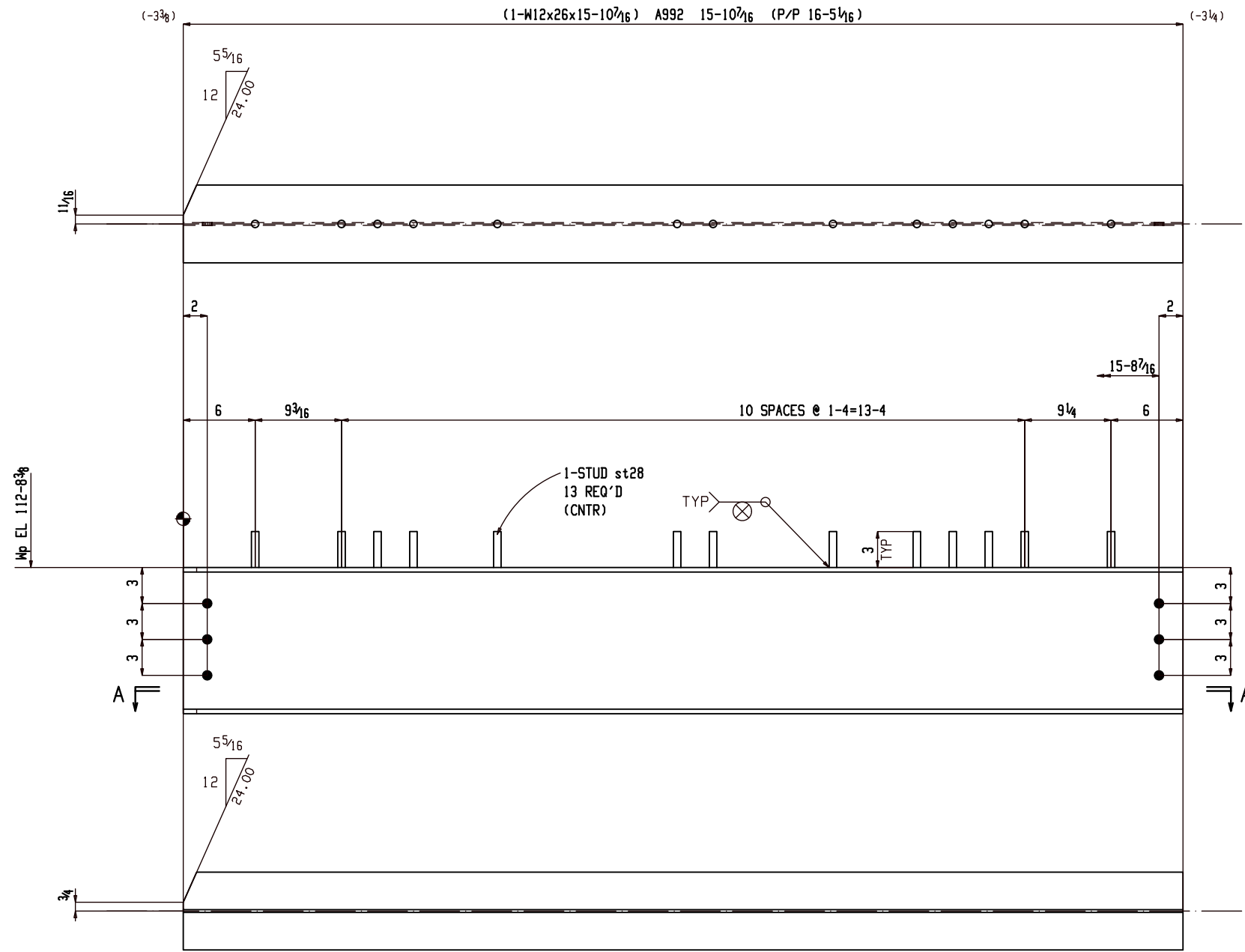
W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 <sup>1</sup> / <sub>2</sub> x 3/8
K	1 <sup>1</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E202)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE
			
GENERAL ARRANGEMENT MILWAUKEE STATION APARTMENTS GREAT FALLS, MONTANA			PROJECT NO 2210 DWG NO 02B205
DETAILER AKM DATE 04-04-22 CHECKER ALN APPROVED 04-04-22	JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA	PROJECT NO 2210 DWG NO 02B205	REV A





Section A-A  
02B206

ONE BEAM 02B206

W 12<sup>3</sup>/<sub>16</sub> x <sup>1</sup>/<sub>4</sub>  
F 6<sup>1</sup>/<sub>2</sub> x <sup>3</sup>/<sub>8</sub>  
K 1<sup>1</sup>/<sub>16</sub> x 1<sup>3</sup>/<sub>16</sub>

(E REFER: E202)

ISC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B206		BEAM				416	416
1		02B206	W12x26	A992		15-10 <sup>7</sup> / <sub>16</sub>	413	413
13		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		

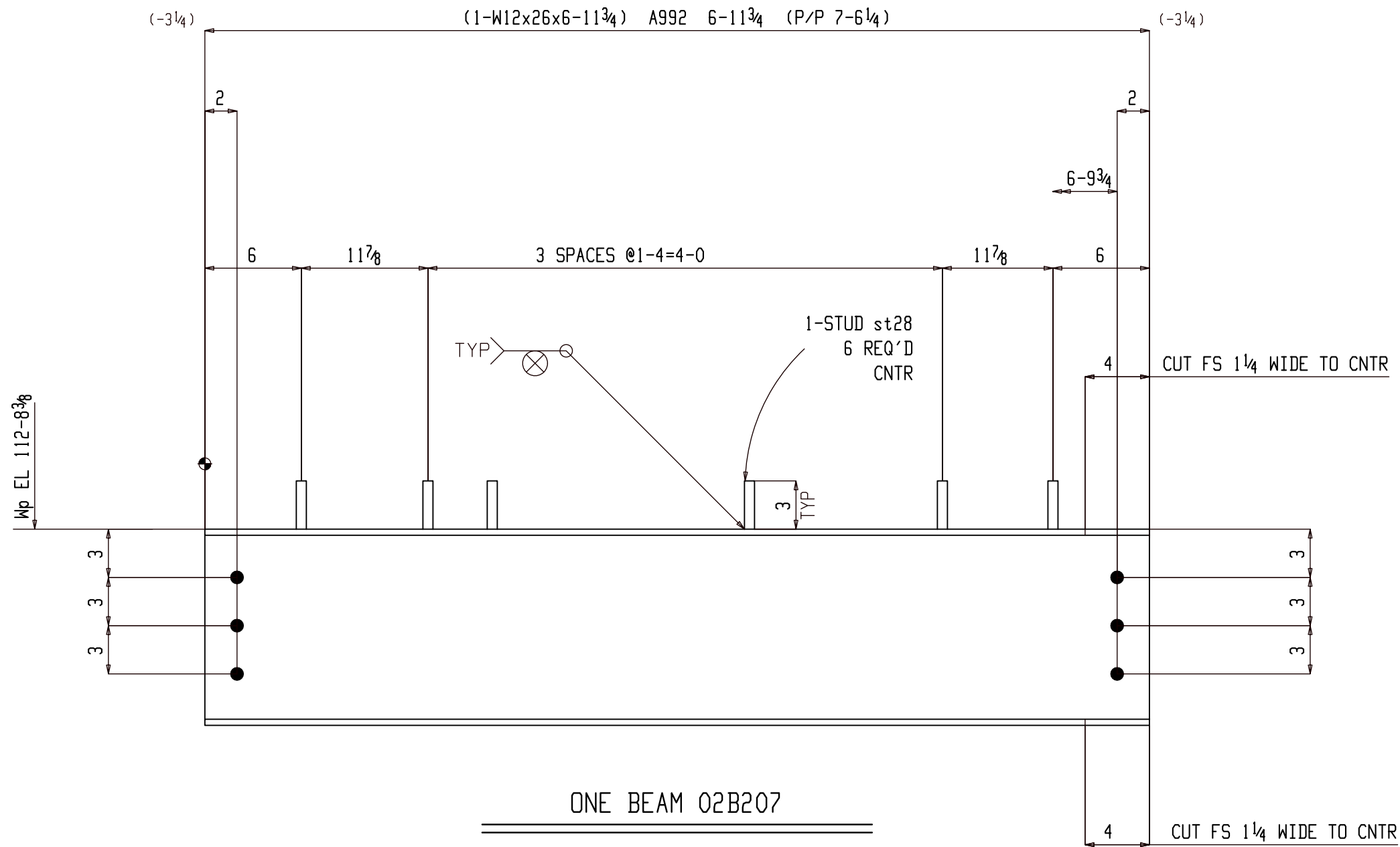
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT				02B206	



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B207		BEAM				183	183
1		02B207	W12x26	A992		6-11 <sup>3</sup> / <sub>4</sub>	181	181
6		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	2
FIELD BOLTS								
3			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		
3			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		

ONE BEAM 02B207

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 1/2 x 3/8
K	1 1/16 x 13/16

(E REFER: E201)

ISC PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

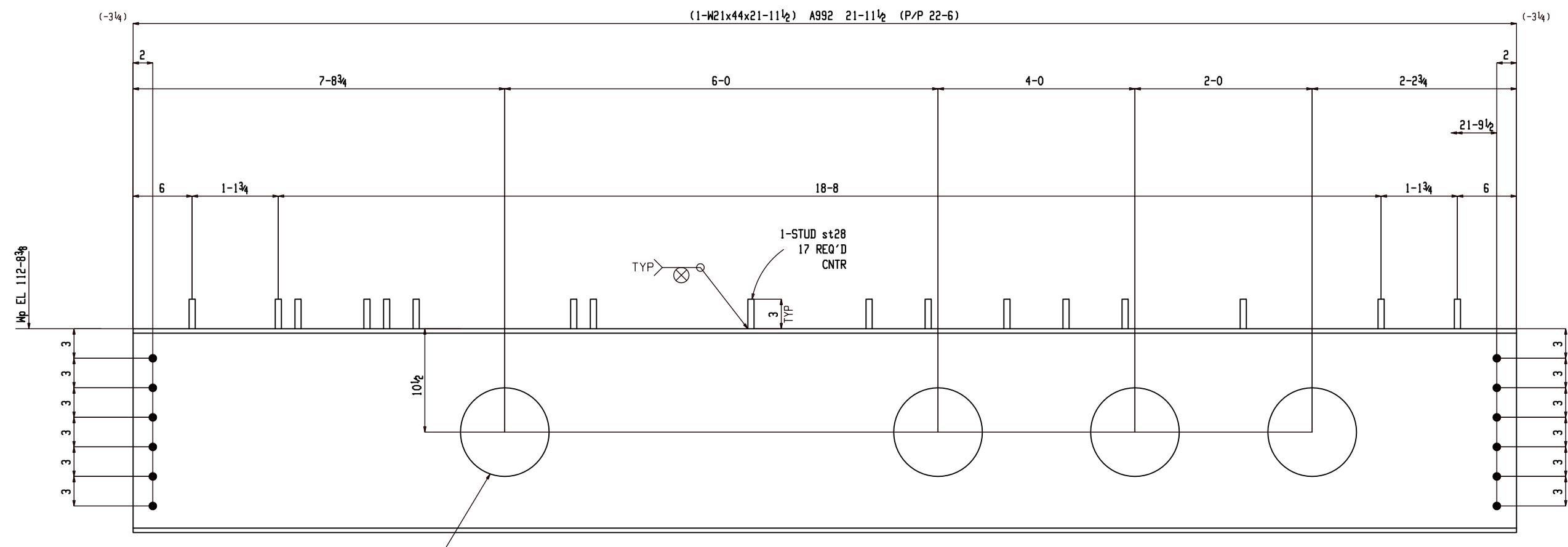
DETAILER: AKM  
DATE: 04-04-22  
CHECKER: ALN  
APPROVED: 04-04-22

JOB NAME: MILWAUKEE STATION APARTMENTS  
JOB LOCATION: GREAT FALLS, MONTANA

PROJECT NO: 2210  
REV: 02B207

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B208		BEAM				971	971
1		02B208	W21x44	A992		21-11 1/2	966	966
17		st28	TWS 5/8	A108		3	0	4
FIELD BOLTS								
12			3/4 Dia A325N		+1HD WASH	13/4		



#### ONE BEAM 02B208

W	20 1/16 x 3/8
F	6 1/2 x 7/16
K	1 1/8 x 7/8

(E REFER: E201)

ISC PRIMER

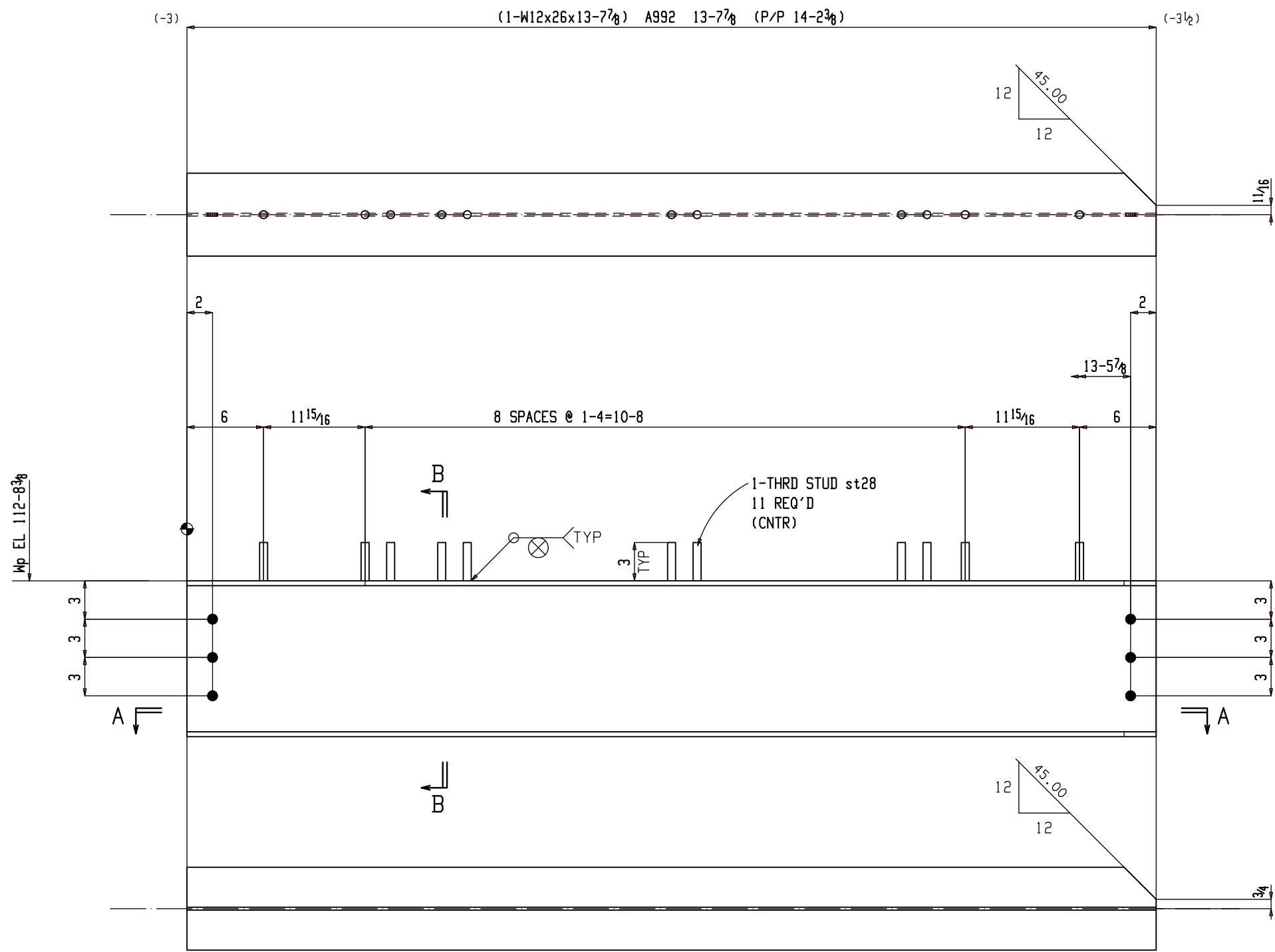
#### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

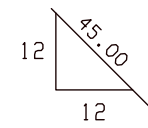
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	ISC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		02B208	
CHECKER		ALN									
APPROVED		04-04-22									



(1-W12x26x13-7<sup>7</sup>/<sub>8</sub>) A992 13-7<sup>7</sup>/<sub>8</sub> (P/P 14-2<sup>3</sup>/<sub>8</sub>)



Section A-A

02B209

ONE BEAM 02B209

- W 12<sup>3</sup>/<sub>16</sub> x 1/4
- F 6 1/2 x 3/8
- K 1 1/16 x 13/16

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B209		BEAM				358	358
1		02B209	W12x26	A992		13-7 <sup>7</sup> / <sub>8</sub>	355	355
11		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
3			3/4 Dia A325N		+1HD WASH	13/4		
3			3/4 Dia A325N		+1HD WASH	1 1/2		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

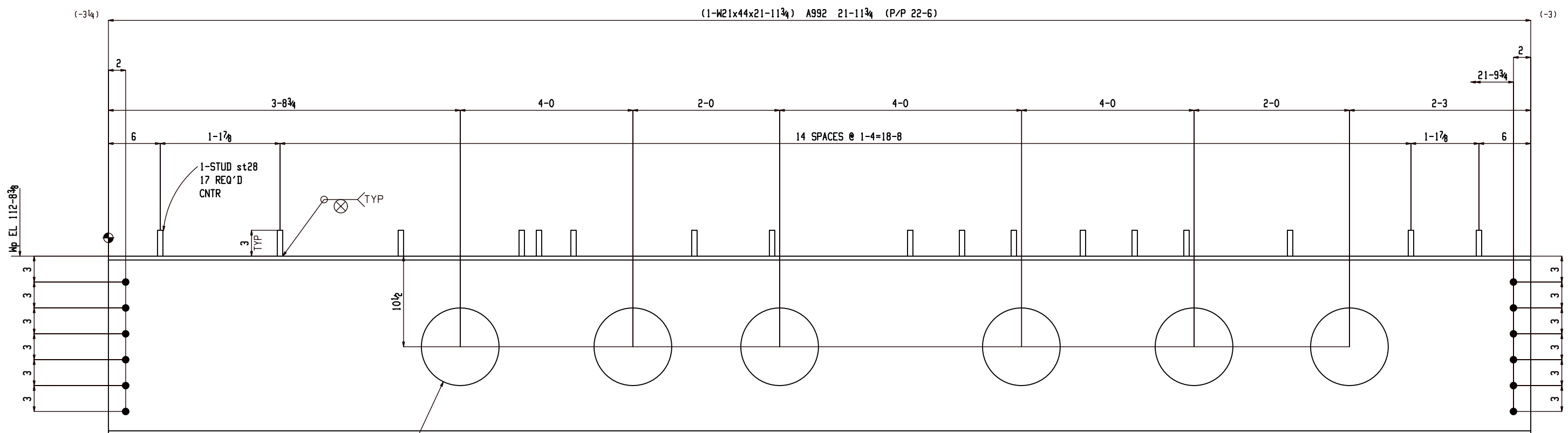
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
				02B209	

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B210		BEAM				972	972
1		02B210	W21x44	A992		21-11 <sup>3</sup> / <sub>4</sub>	967	967
17		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4
			FIELD BOLTS					
12			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



#### ONE BEAM 02B210

W	20 <sup>1</sup> / <sub>16</sub> x <sup>3</sup> / <sub>8</sub>
F	6 <sup>1</sup> / <sub>2</sub> x <sup>7</sup> / <sub>16</sub>
K	1 <sup>1</sup> / <sub>8</sub> x <sup>7</sup> / <sub>8</sub>

(E REFER: E201)

ISC PRIMER

#### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

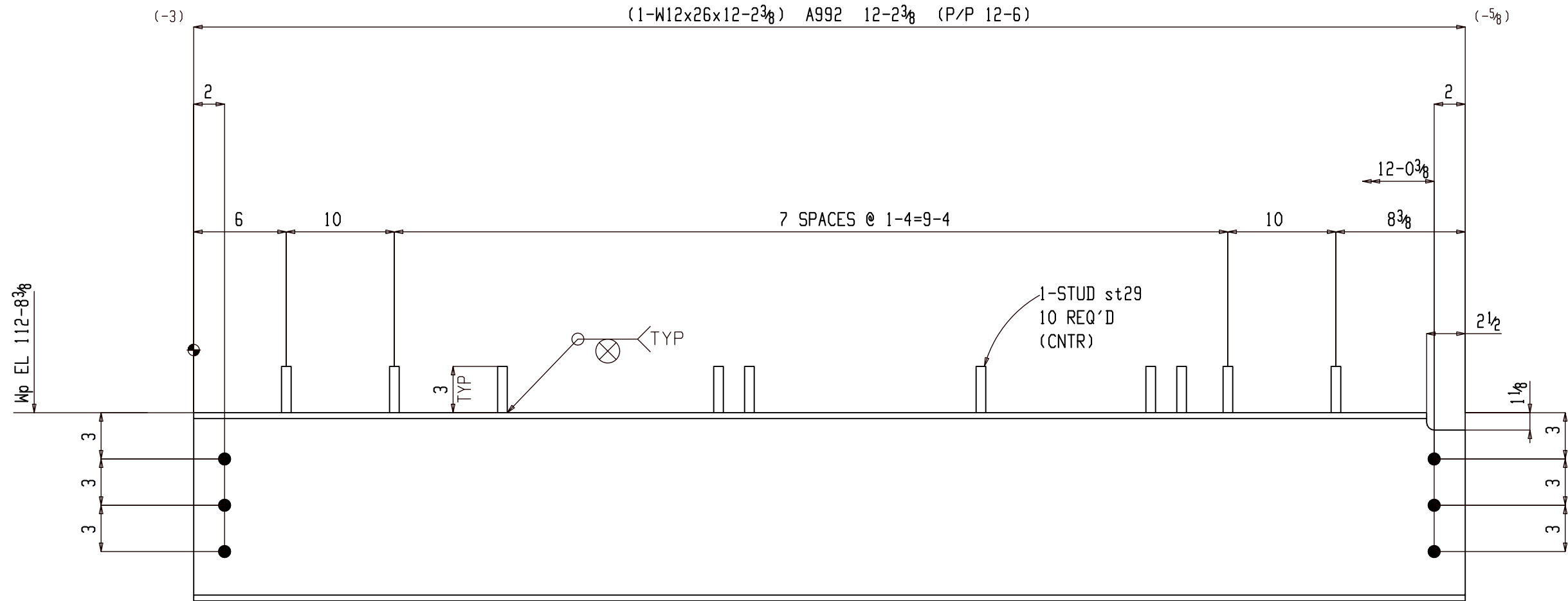
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME		MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION		GREAT FALLS, MONTANA	DWG NO	02B210
CHECKER		ALN					
APPROVED		04-04-22					

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B211		BEAM				315	315
1		02B211	W12x26	A992		12-2 <sup>3</sup> / <sub>8</sub>	317	317
10		st29	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
3			3/4 Dia A325N		+1HD	1 <sup>3</sup> / <sub>4</sub>		
					WASH			
3			3/4 Dia A325N		+1HD	1 <sup>1</sup> / <sub>2</sub>		
					WASH			



### ONE BEAM 02B211

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 <sup>1</sup> / <sub>2</sub> x 3/8
K	1 <sup>1</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E202)

1SC PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

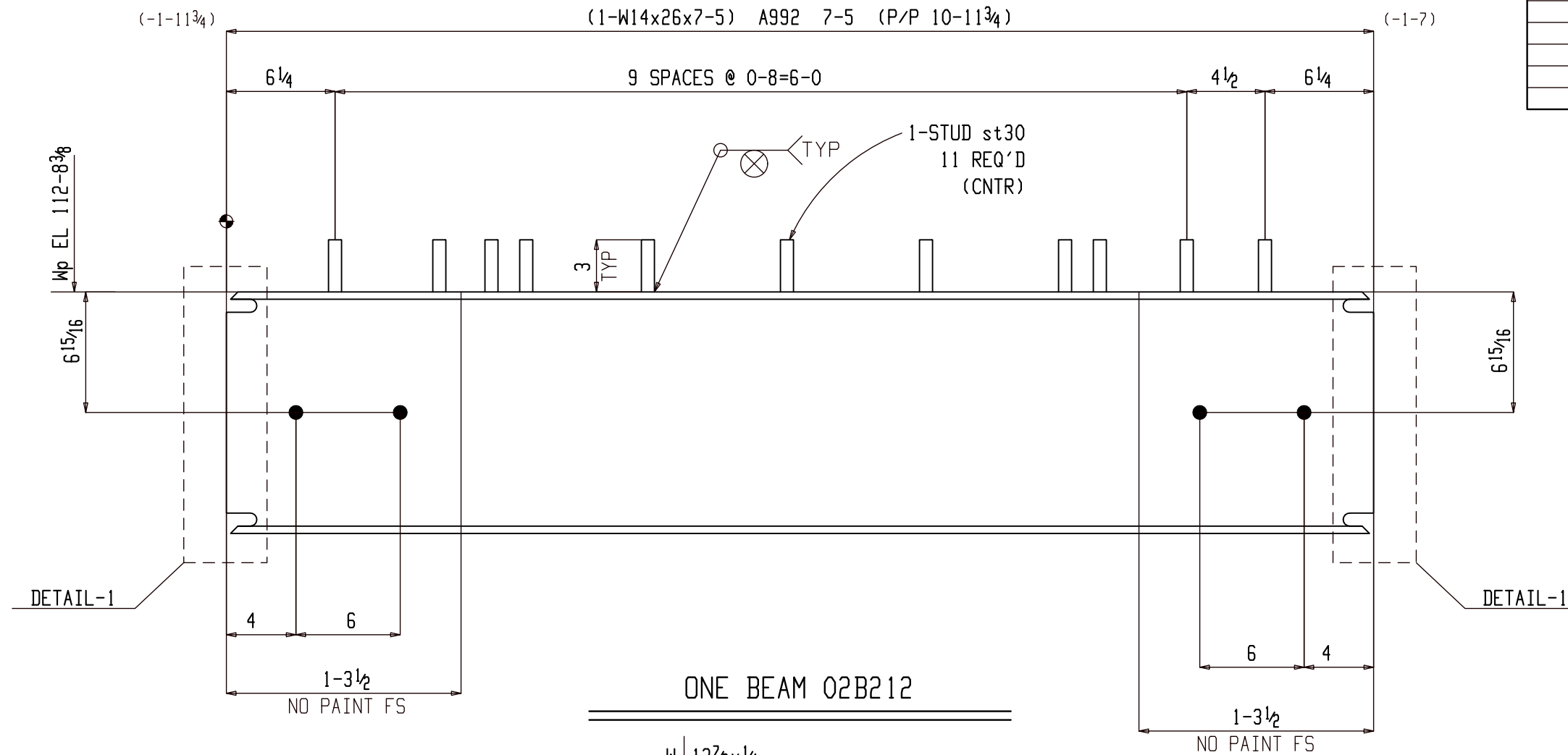
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B211
CHECKER		ALN				
APPROVED		04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B212		BEAM				388	388
1		02B212	W14x26	A992		7-5	193	193
11		st30	W14x26	A108		3	193	193
1		p657	PL 1/4x4	A36		9	3	3
			FIELD BOLTS					



W 13<sup>7</sup>/<sub>8</sub>x<sup>1</sup>/<sub>4</sub>  
 F 5x<sup>7</sup>/<sub>16</sub>  
 K 1<sup>1</sup>/<sub>8</sub>x1<sup>3</sup>/<sub>16</sub>

(E REFER: E202)

ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

PROJECT NO 2210

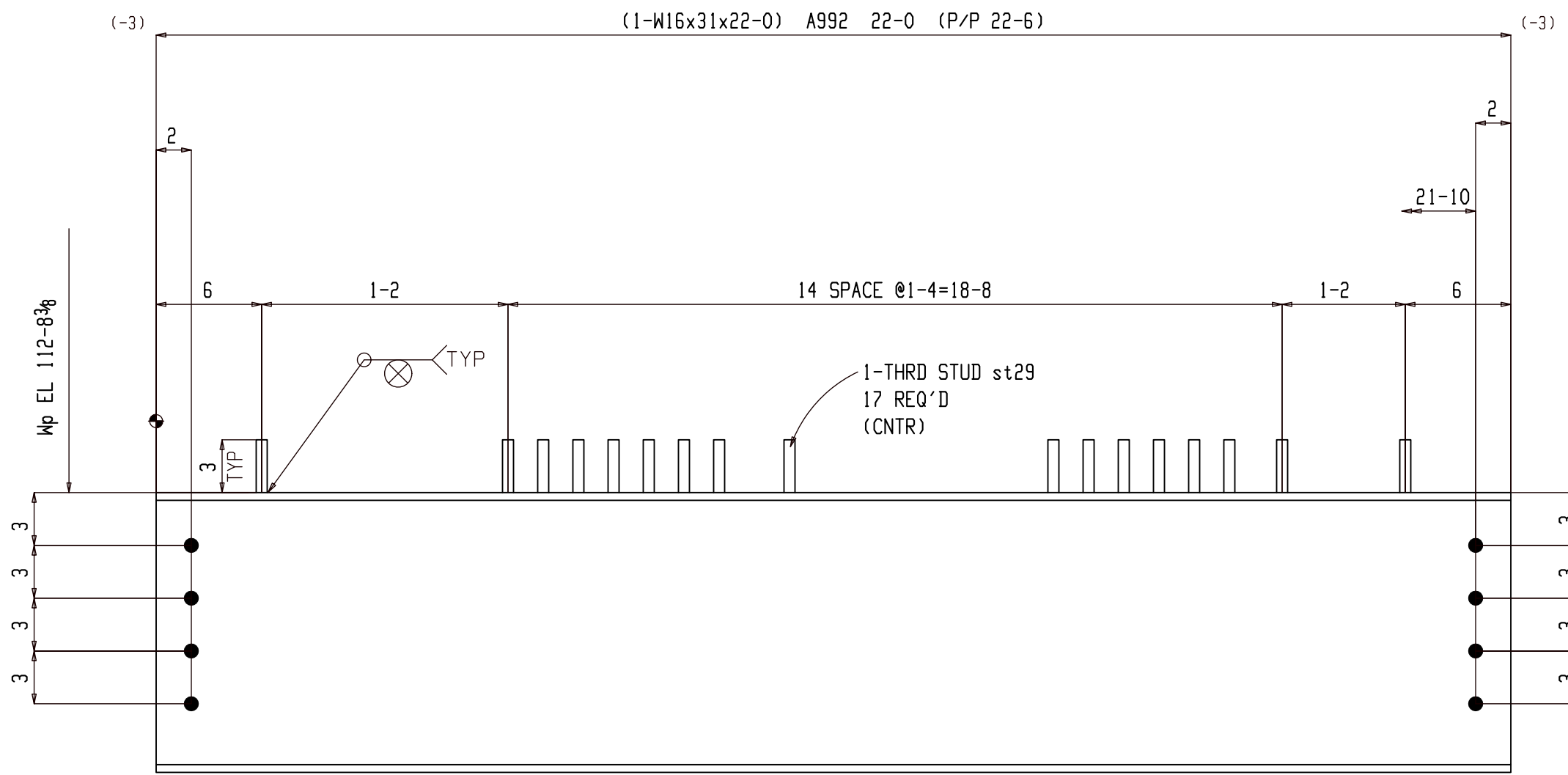
DETAILER AKM DATE 04-04-22 JOB NAME MILWAUKEE STATION APARTMENTS

CHECKER ALN JOB LOCATION GREAT FALLS, MONTANA

APPROVED 04-04-22

DWG NO 02B212

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B213		BEAM				686	686
1		02B213	W16x31	A992		22-0	682	682
17		st29	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4
FIELD BOLTS								
8			3/4 Dia A325N		+1HD WASH	13/4		



ONE BEAM 02B213

W	15 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 <sup>1</sup> / <sub>2</sub> x 7/16
K	1 <sup>1</sup> / <sub>8</sub> x 13/16

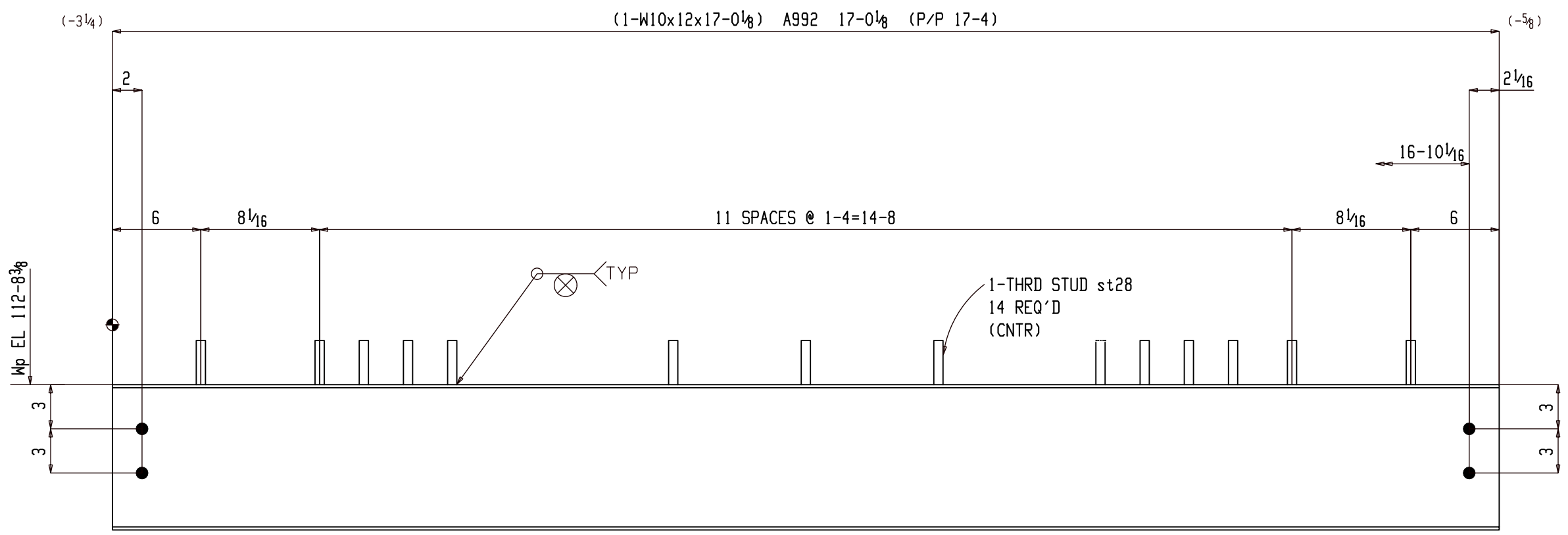
(E REFER: E202)  
1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO 2210
DATE 04-04-22	CHECKER ALN	JOB NAME MILWAUKEE STATION APARTMENTS	DWG NO 02B213
APPROVED 04-04-22		JOB LOCATION GREAT FALLS, MONTANA	



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	02B214		BEAM				208	416
2		02B214	W10x12	A992		17-0 <sup>1</sup> / <sub>8</sub>	204	408
28		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	7
FIELD BOLTS								
8			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		



2 BEAMS 02B214

W	9 <sup>7</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>
F	3 <sup>15</sup> / <sub>16</sub> x 3 <sup>1</sup> / <sub>16</sub>
K	3 <sup>3</sup> / <sub>4</sub> x 5 <sup>5</sup> / <sub>8</sub>

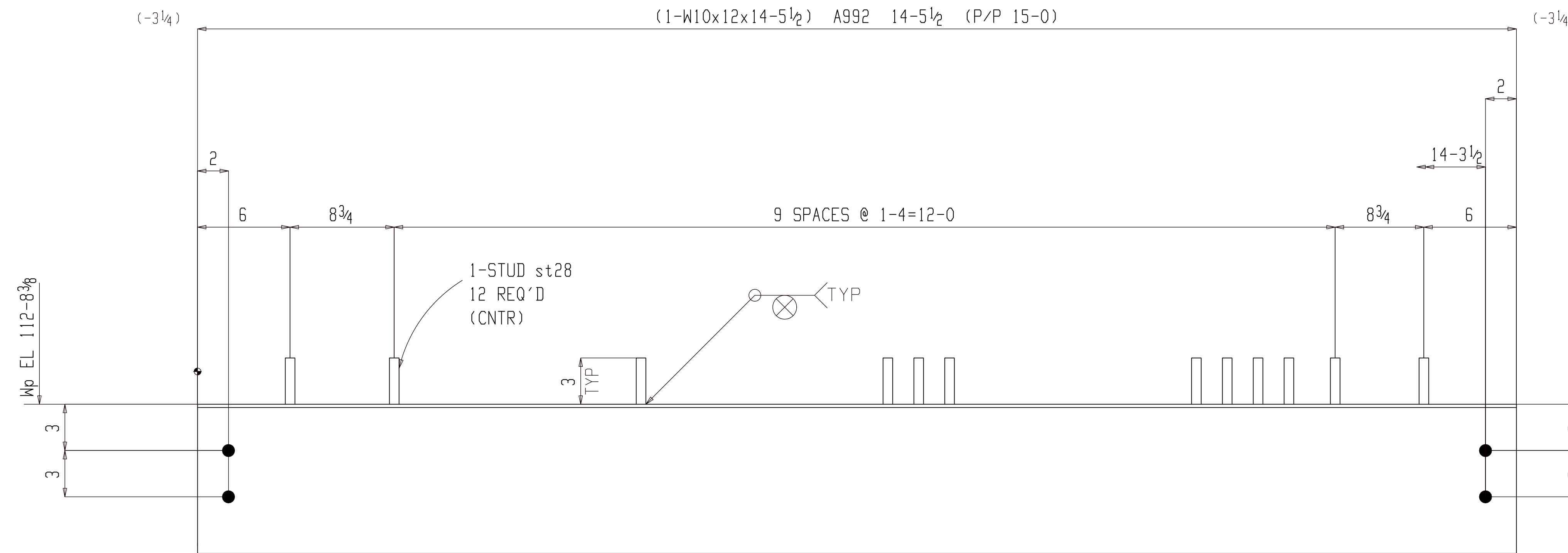
(E REFER: E202)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE
GENERAL ARRANGEMENT MILWAUKEE STATION APARTMENTS GREAT FALLS, MONTANA			PROJECT NO 2210 DWG NO 02B214
DETAILER AKM DATE 04-04-22 CHECKER ALN APPROVED 04-04-22	JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA		

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	02B215		BEAM				177	353
2		02B215	TWS <sup>5/8</sup>	A992		14-5 1/2	174	347
24		st28	TWS <sup>5/8</sup>	A108		3	0	6
FIELD BOLTS								
8			3/4 Dia A325N		+1HD WASH	1 1/2		



**2 BEAMS 02B215**

W 9 7/8 x 3/16  
 F 3 15/16 x 3/16  
 K 3/4 x 5/8

(E REFER: E202)

ISC PRIMER

**FOR APPROVAL**

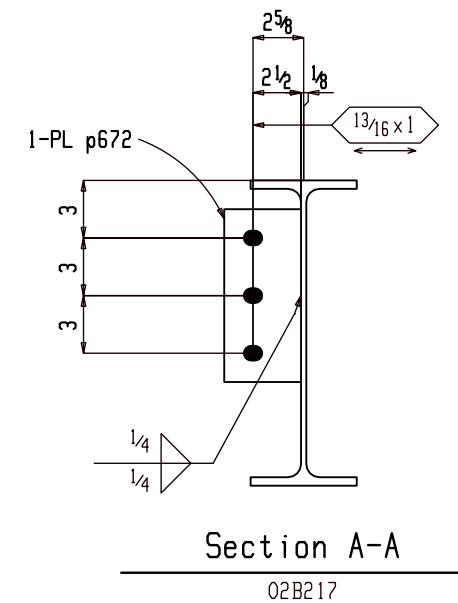
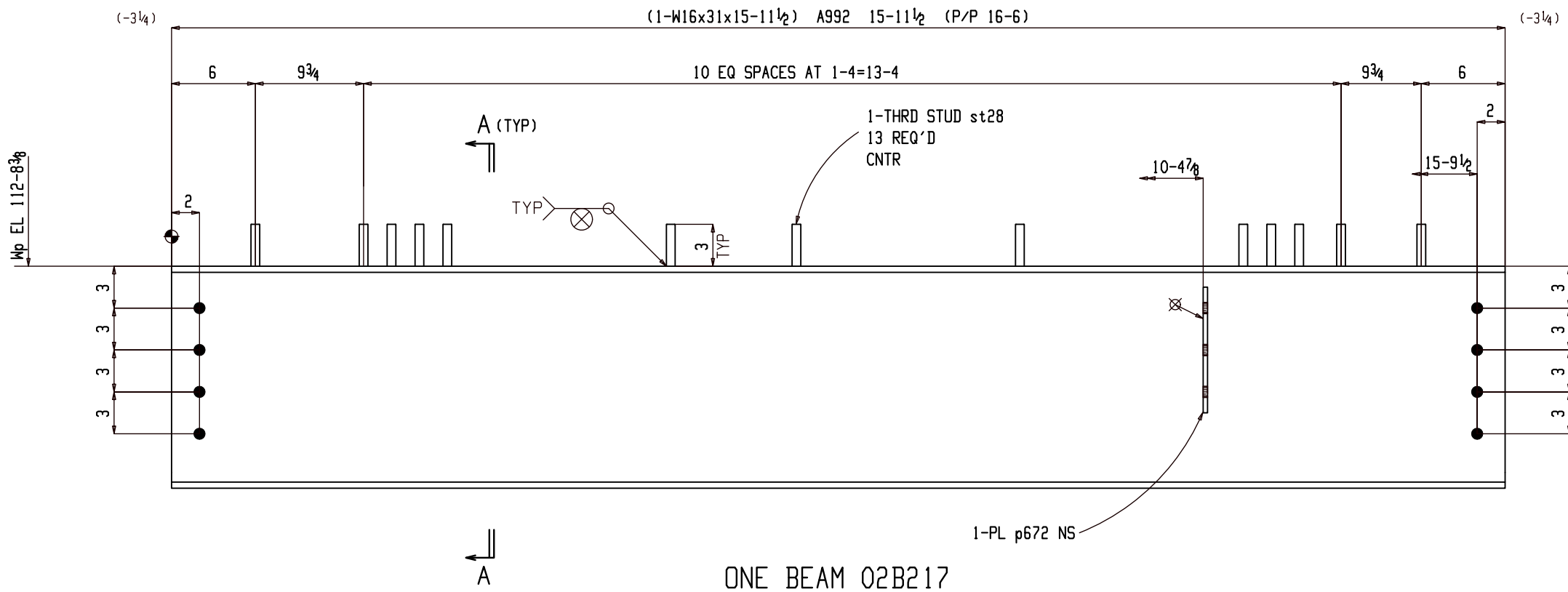
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DRAWN	AKM	JOB NAME	2210	△
DATE	04-04-22	MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		
APPROVED	04-04-22	GREAT FALLS, MONTANA	DWG NO	02B215

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B217		BEAM					501 501
1		02B217	W16x31	A992		15-11 1/2	495	495
13		st28	TWS 5/8	A108		3	0	3
1		p672	PL 5/16x4	A36		9	3	3
FIELD BOLTS								
8			3/4 Dia A325N		+1HD WASH	1 3/4		



**ONE BEAM 02B217**

W	15 7/8 x 1/4
F	5 1/2 x 7/16
K	1 1/8 x 13/16

(E REFER: E202)

ISC PRIMER

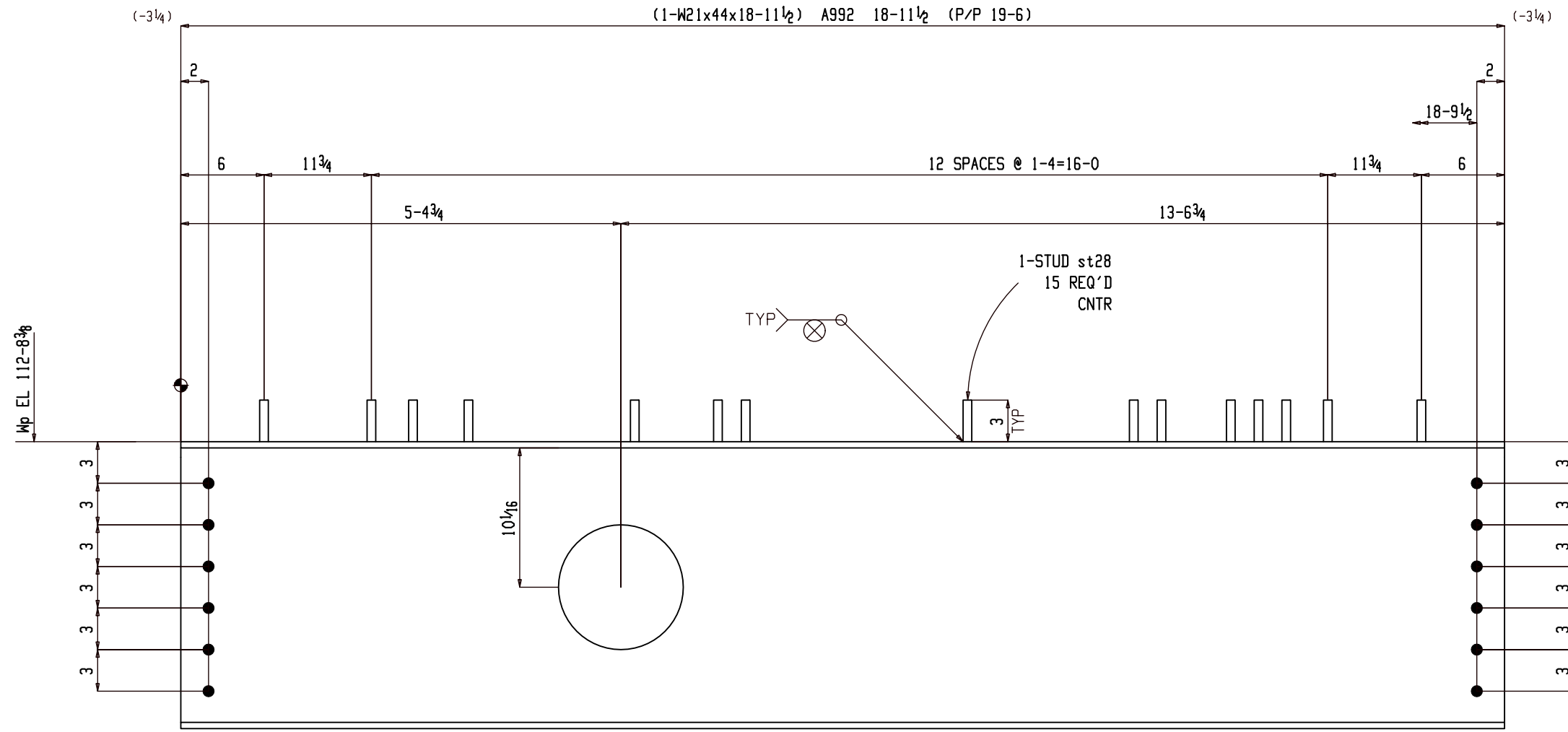
FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

DETAILER AKM		JOB NAME MILWAUKEE STATION APARTMENTS		PROJECT NO 2210	REV
DATE 04-04-22		JOB LOCATION GREAT FALLS, MONTANA		DWG NO 02B217	
CHECKER ALN					
APPROVED 04-04-22					

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B219		BEAM				838	838
1		02B219	W21x44	A992		18-11 $\frac{1}{2}$	834	834
15		st28	TWS $\frac{5}{8}$	A108		3	0	4
FIELD BOLTS								
12			$\frac{3}{4}$ Dia A325N		+1HD WASH		1 $\frac{3}{4}$	



### ONE BEAM 02B219

W	20 $\frac{1}{16}$ x $\frac{3}{8}$
F	6 $\frac{1}{2}$ x $\frac{7}{16}$
K	1 $\frac{1}{8}$ x $\frac{7}{8}$

(E REFER: E201)

1SC PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

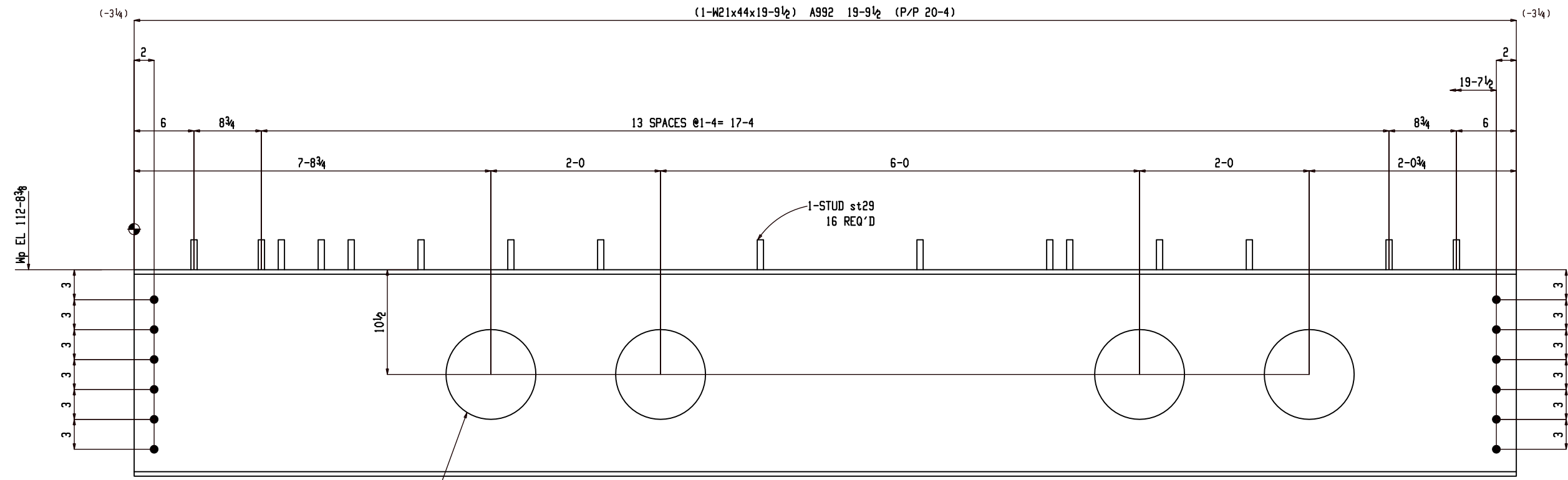
HOLES	1 $\frac{3}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	2210
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN	DWG NO	02B219
APPROVED	04-04-22		

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B220		BEAM				875	875
1		02B220	W21x44	A992		19-9 1/2	871	871
16		st29	TWS 5/8	A108		3	0	4
FIELD BOLTS								
12			3/4 Dia A325N		+1HD WASH	13/4		



**ONE BEAM 02B220**

W	20 1/16 x 3/8
F	6 1/2 x 7/16
K	1 1/8 x 7/8

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

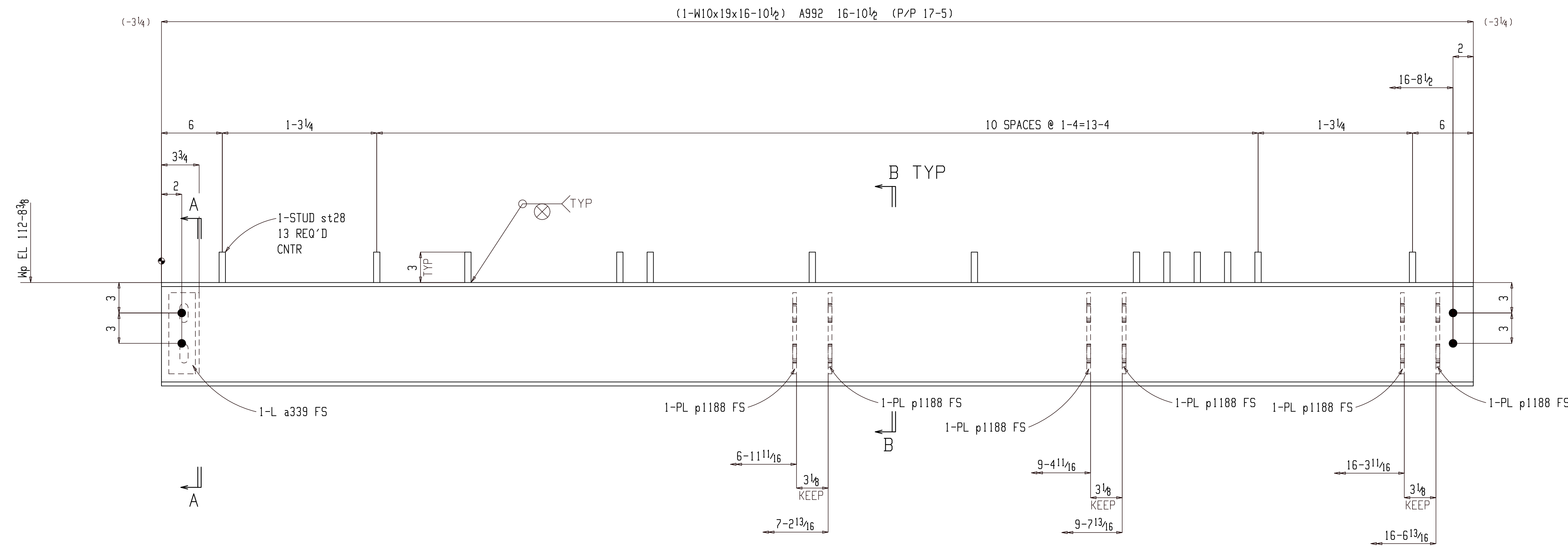
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B220
CHECKER		ALN				
APPROVED		04-04-22				

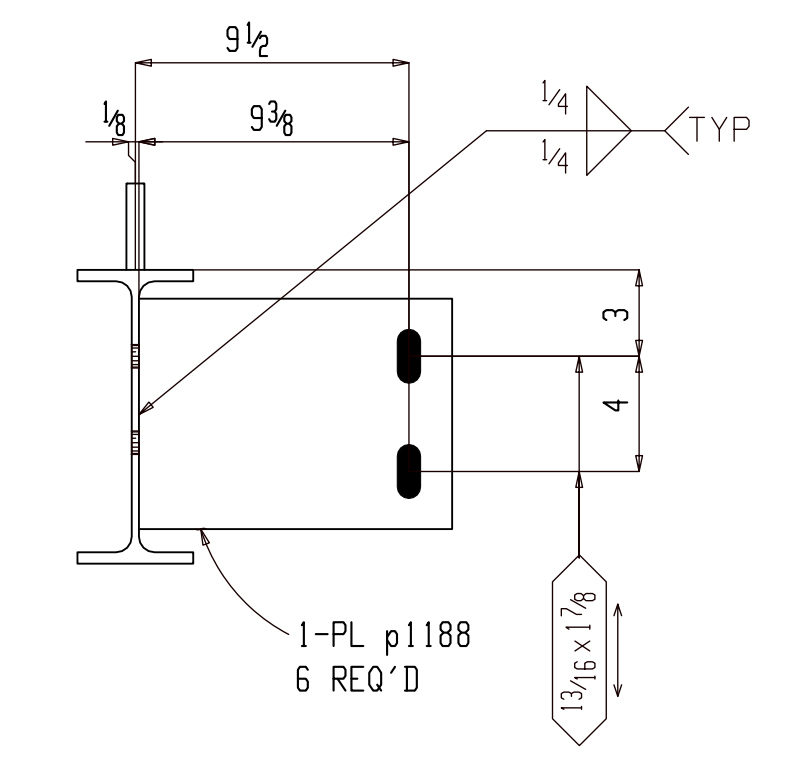
**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02B221		BEAM					389	389
1		02B221	W10x19	A992		16-10 <sup>1</sup> / <sub>2</sub>		321	321
13		st28	TWS <sup>3</sup> / <sub>8</sub>	A108		3		0	3
6		p1188	PL <sup>3</sup> / <sub>8</sub> x8	A36		10 <sup>7</sup> / <sub>8</sub>		9	56
1		a339	L7x4x <sup>3</sup> / <sub>8</sub>	A36		8		9	9
			FIELD BOLTS						
4			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH			1 <sup>3</sup> / <sub>4</sub>	

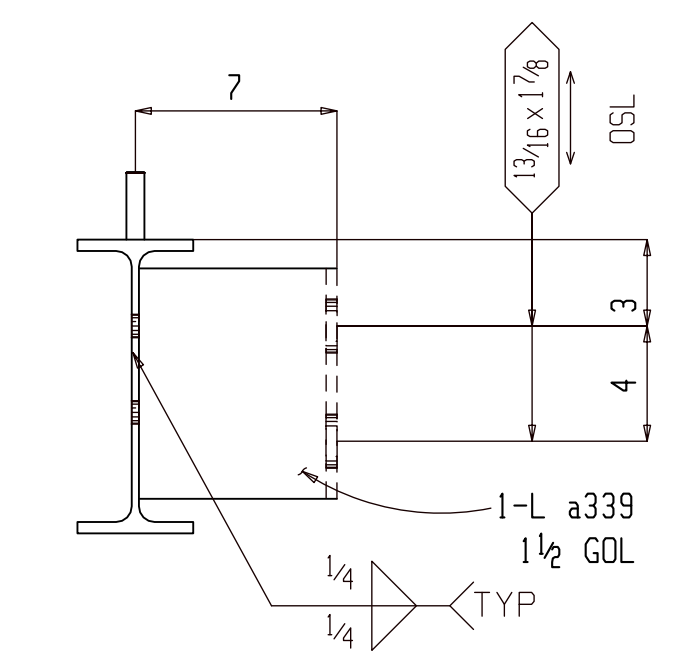


**ONE BEAM 02B221**

- W | 10<sup>3</sup>/<sub>16</sub> x <sup>1</sup>/<sub>4</sub>
- F | 4 x <sup>3</sup>/<sub>8</sub>
- K | 1<sup>5</sup>/<sub>16</sub> x 1<sup>1</sup>/<sub>16</sub>
- (E REFER: E202)
- 1SC PRIMER



**Section B-B**  
02B221



**Section A-A**  
02B221

**FOR APPROVAL**

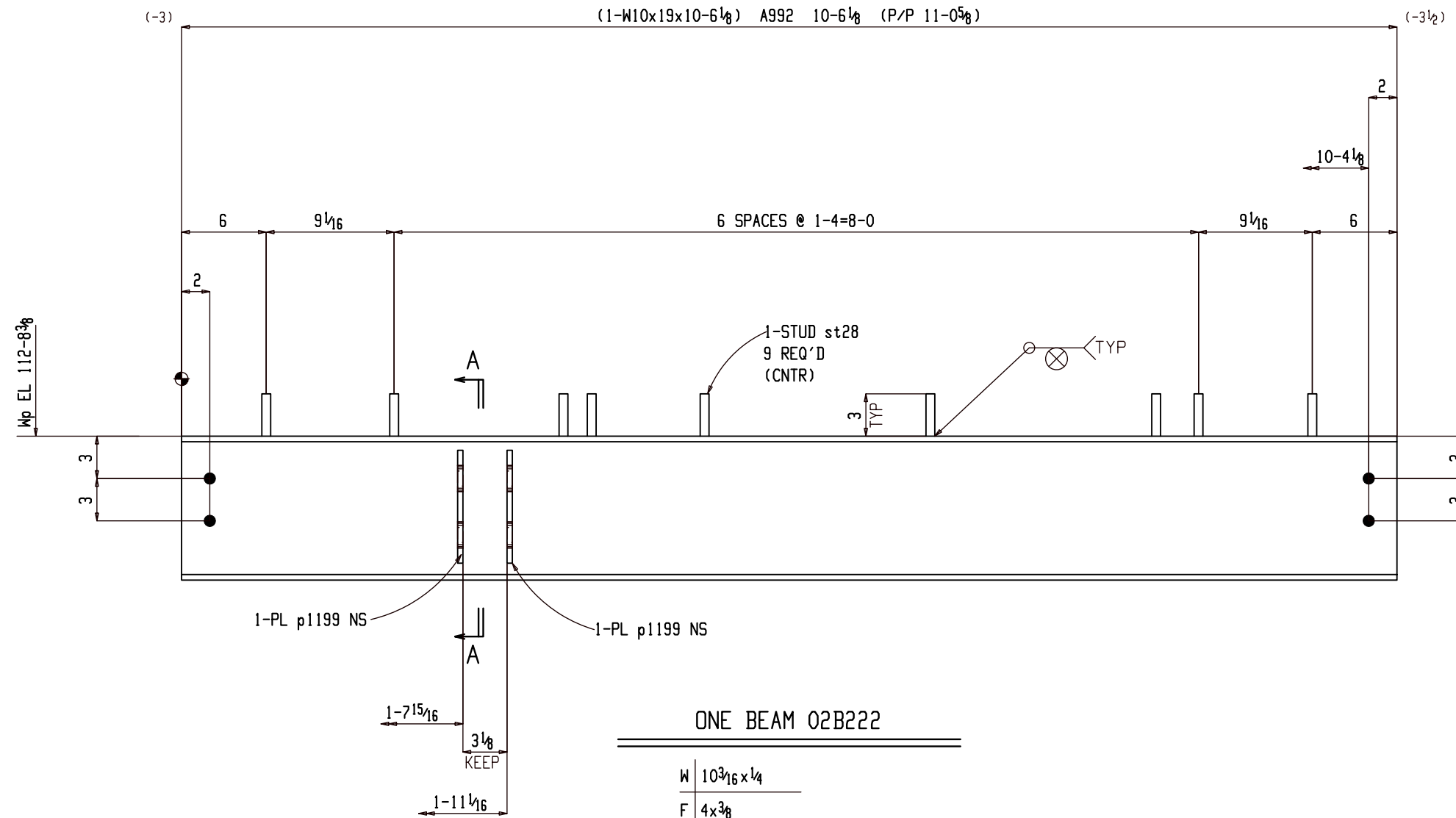
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	A
CHECKER	ALN	JOB NAME <b>MILWAUKEE STATION APARTMENTS</b>	
APPROVED	04-04-22	JOB LOCATION <b>GREAT FALLS, MONTANA</b>	
		DWG NO <b>02B221</b>	

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight Total
ONE	02B222		BEAM					219	219
1		02B222	W10x19	A992		10-6 <sup>1</sup> / <sub>8</sub>	200	200	
9		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	2	
2		p1199	PL <sup>3</sup> / <sub>8</sub> x8	A36		9 <sup>7</sup> / <sub>8</sub>	8	17	
			FIELD BOLTS						
4			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>			

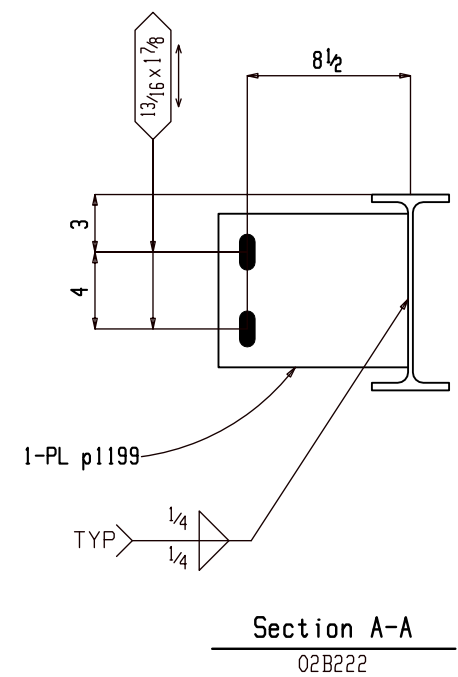


ONE BEAM 02B222

W	10 <sup>3</sup> / <sub>16</sub> x 1/4
F	4 x 3/8
K	15 <sup>1</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>

(E REFER: E202)

ISC PRIMER

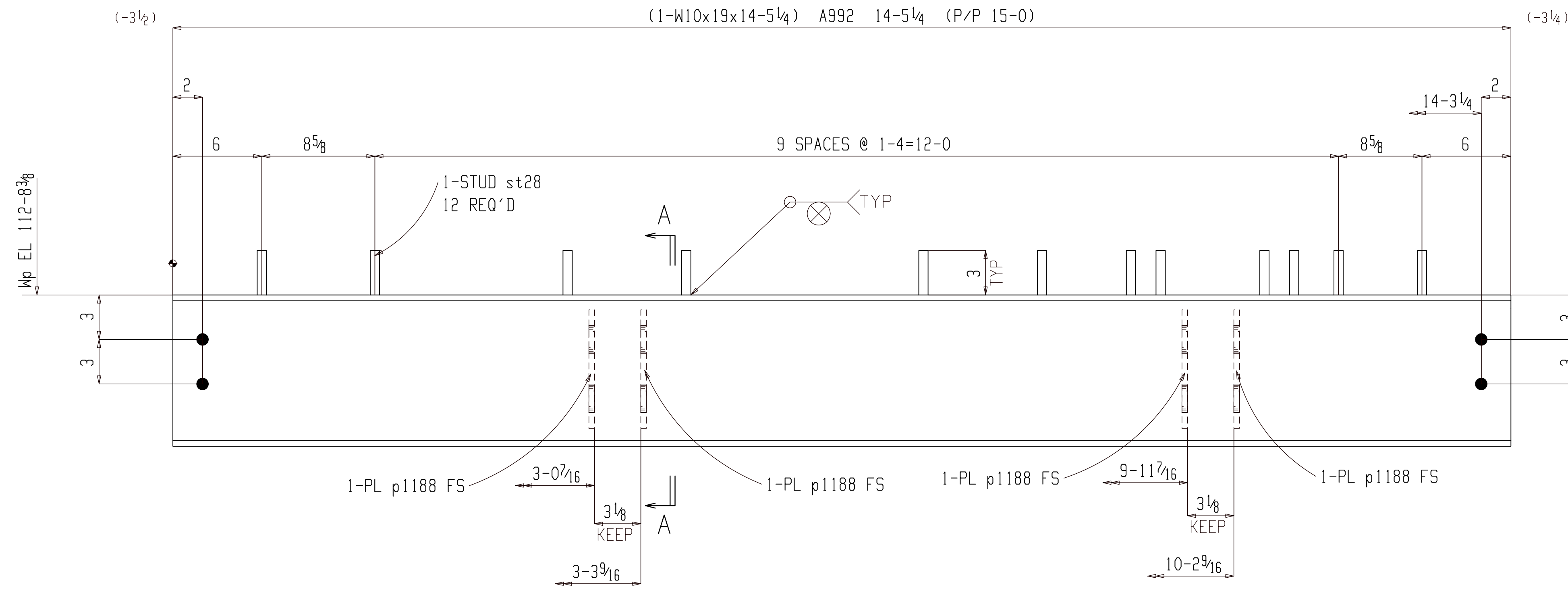


FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT			PROJECT NO	2210
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	REV
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	02B222
CHECKER	ALN			
APPROVED	04-04-22			

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02B223		BEAM					314	314
1		02B223	W10x19	A992		14-5 1/4		274	274
12		st28	TWS 5/8	A108		3		0	3
4		p1188	PL 3/8x8	A36		10 7/8		9	37
			FIELD BOLTS						
4			3/4 Dia A325N		+1HD WASH	1 3/4			

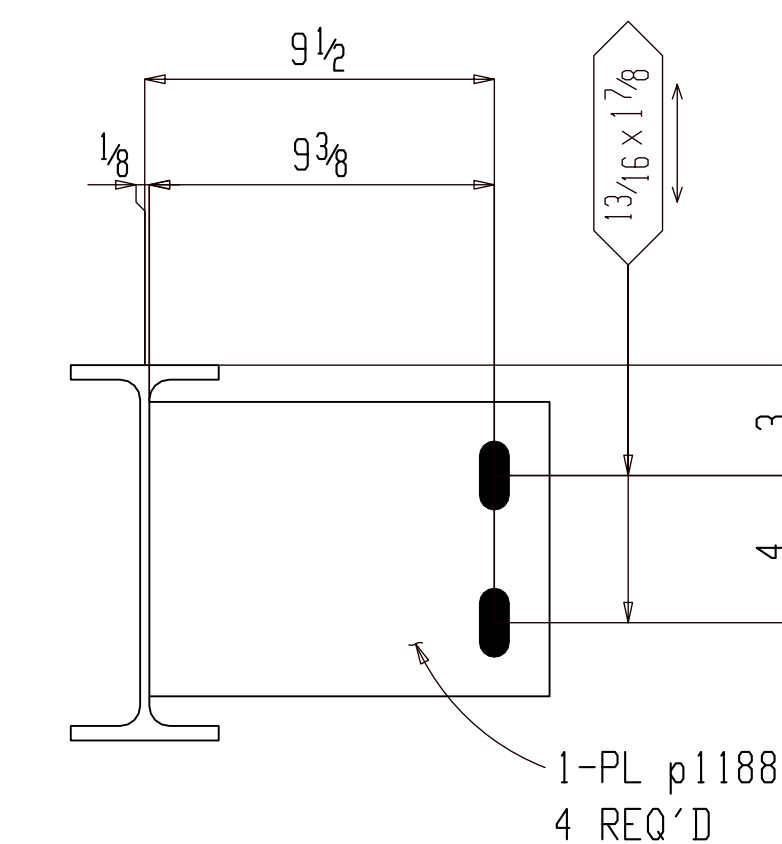


**ONE BEAM 02B223**

W 10 3/16 x 1/4  
 F 4 x 3/8  
 K 1 5/16 x 1 1/16

(E REFER: E202)

1SC PRIMER



**Section A-A**

02B223

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

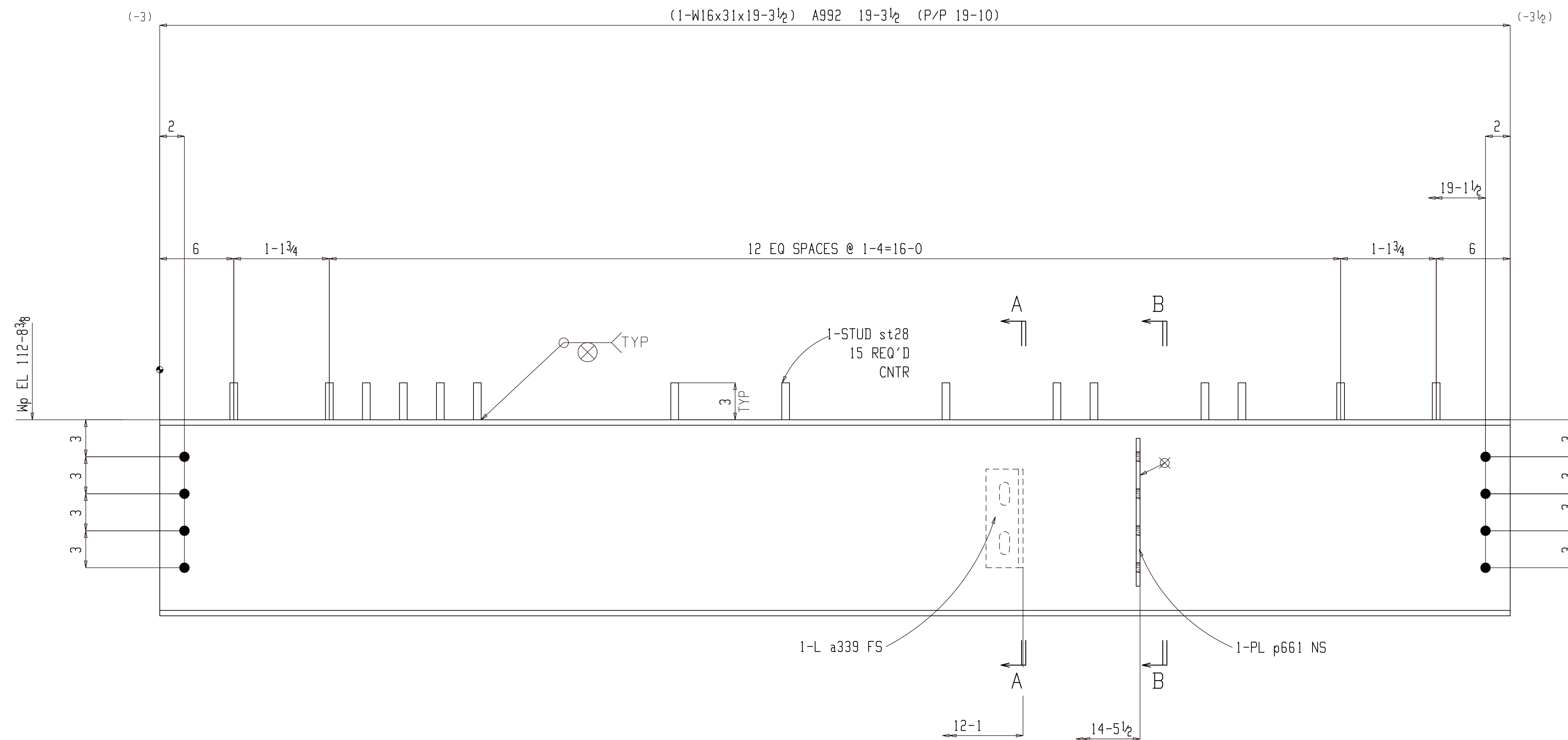


GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B223
APPROVED	04-04-22				



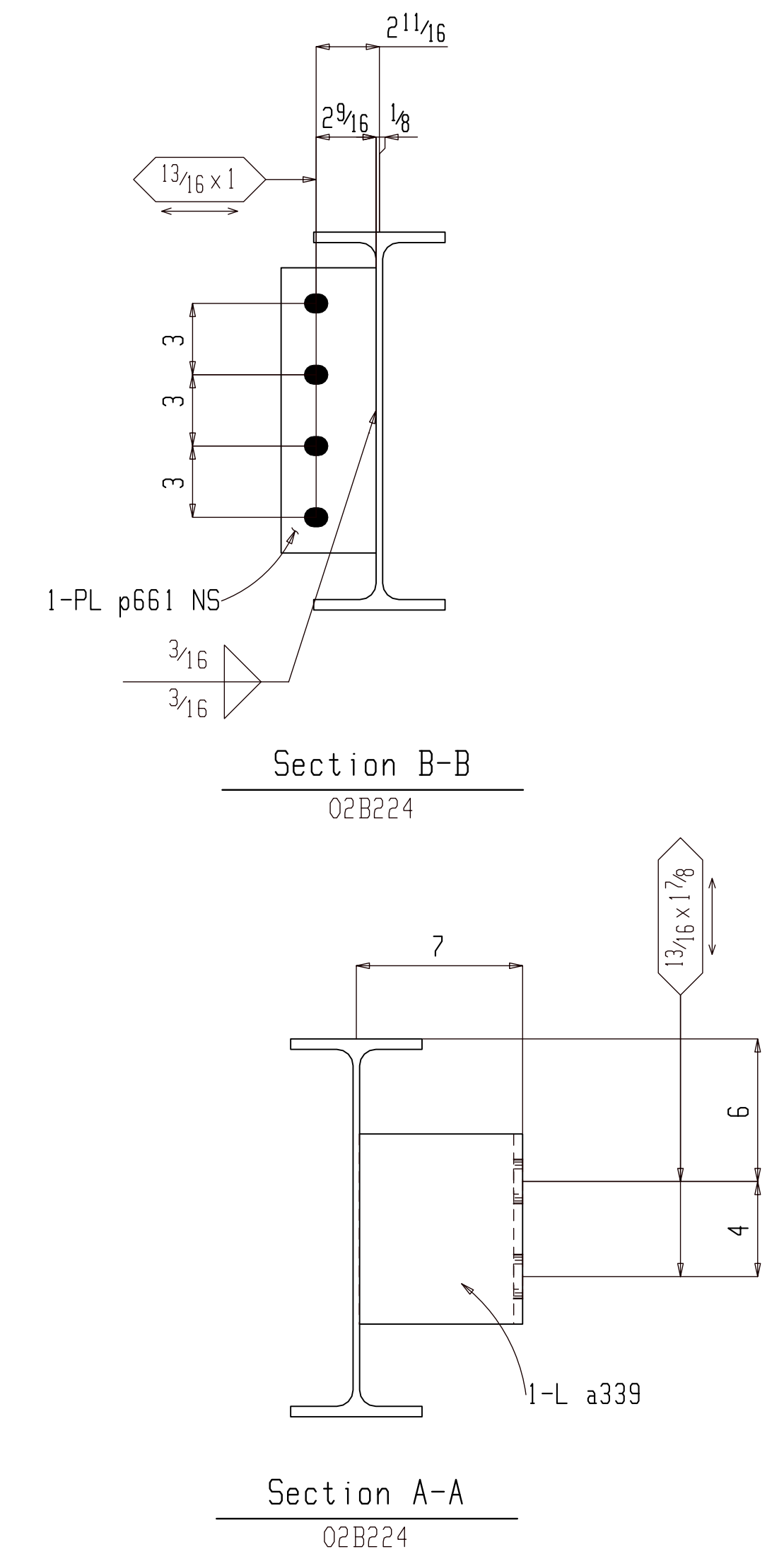
**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B224		BEAM				615	615
1		02B224	W16x31	A992		19-3 1/2	598	598
15		s128	TWS 3/8	A108		3	0	4
1		p661	PL 5/16x4	A36		1-0	4	4
1		a339	L7x4x3/8	A36		8	9	9
			FIELD BOLTS					
8			3/4 Dia A325N		+1HD WASH		13/4	



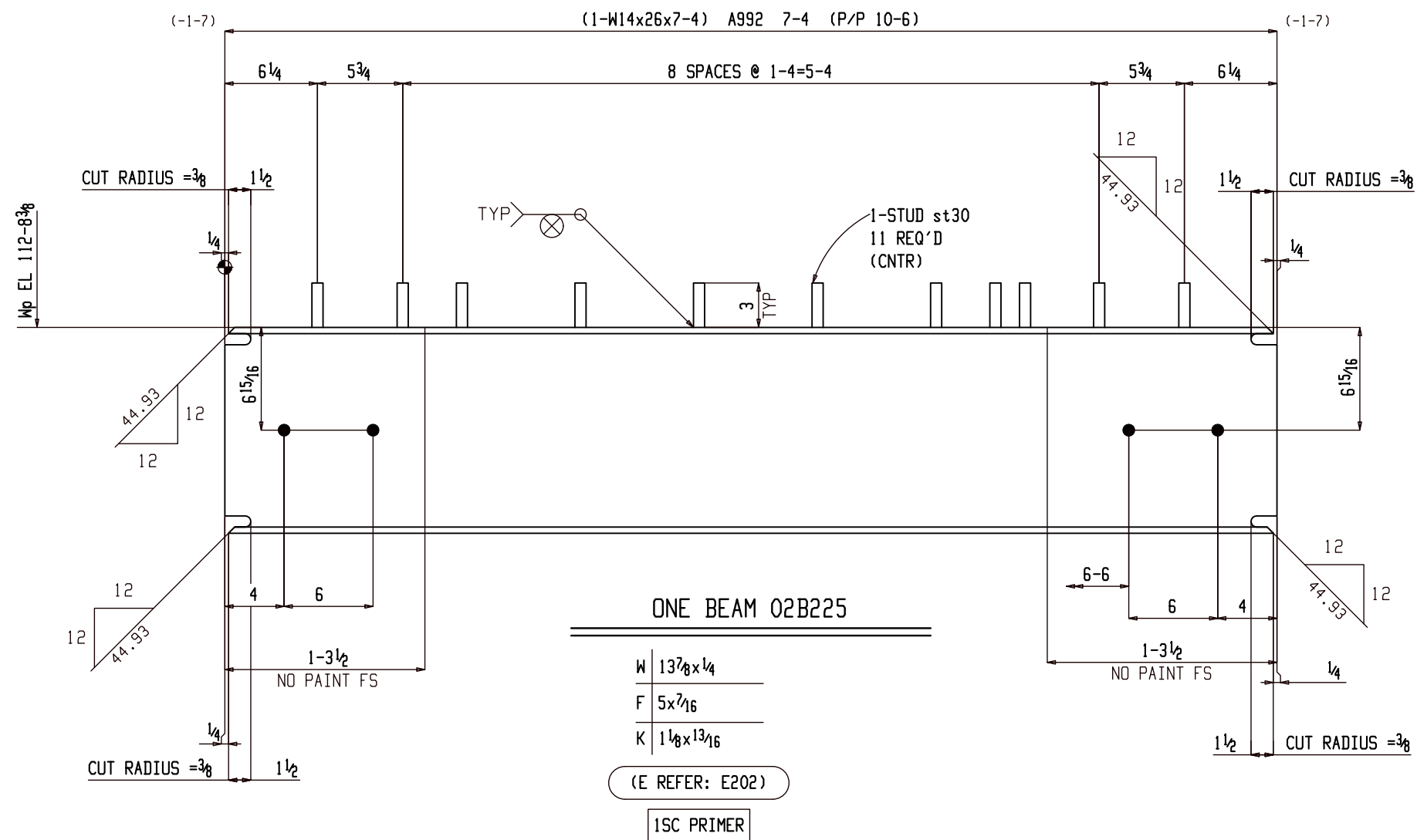
**ONE BEAM 02B224**

W	15 7/8 x 1/4
F	5 1/2 x 7/16
K	1 1/8 x 13/16



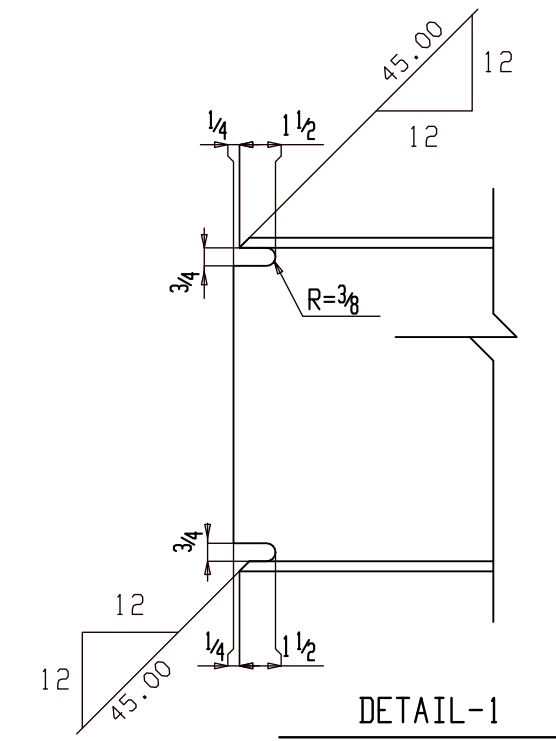
FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 02B224	



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B225		BEAM				195	195
1		02B225	W14x26	A992		7-4	191	191
11		st30	TWS 3/4	A108		3	0	4
FIELD BOLTS								
4			3/4 Dia A325N		+1HD WASH	2		



### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	ISC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

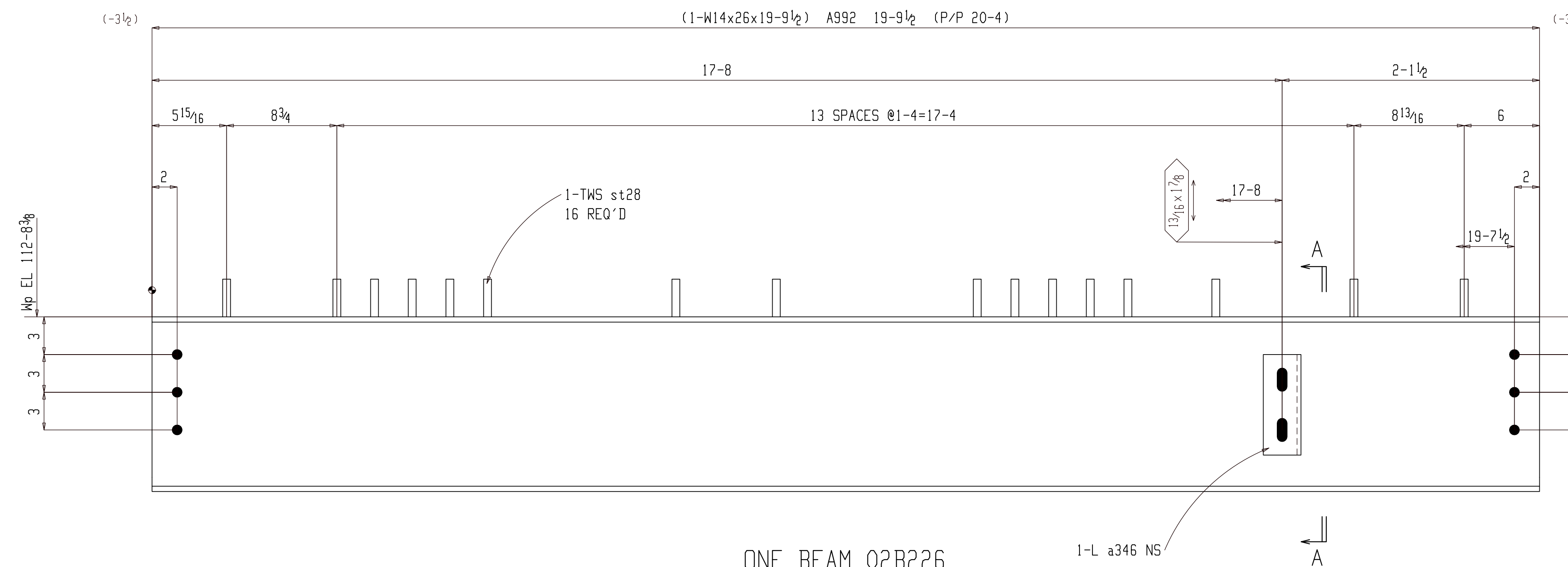
DETAILER: AKM  
DATE: 04-04-22  
CHECKER: ALN  
APPROVED: 04-04-22

JOB NAME: MILWAUKEE STATION APARTMENTS  
JOB LOCATION: GREAT FALLS, MONTANA

PROJECT NO: 2210  
DATE: 05-06-22  
DWG NO: 02B225

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight Total
ONE	02B226		BEAM					525	525
1		02B226	W14x26	A992		19-9 1/2		515	515
16		st28	TWS 5/8	A108		3		0	4
1		a346	L6x3 1/2x5 1/16	A36		8		7	7
			FIELD BOLTS						
6			3/4 Dia A325N		+1HD WASH	1 3/4			

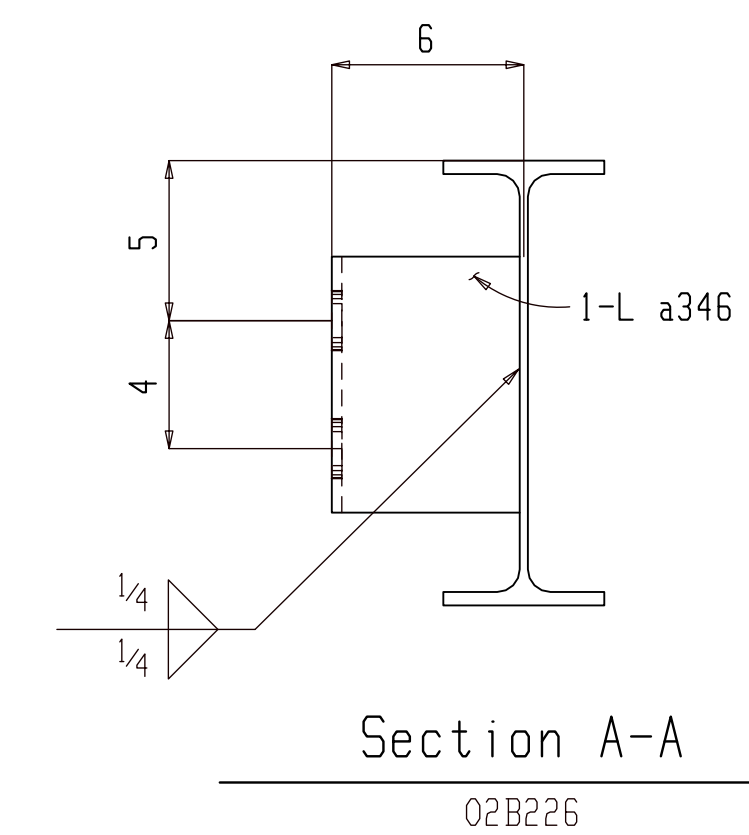


ONE BEAM 02B226

W 13 7/8 x 1/4  
 F 5 x 7/16  
 K 1 1/8 x 1 3/16

(E REFER: E202)

ISC PRIMER



Section A-A  
 02B226

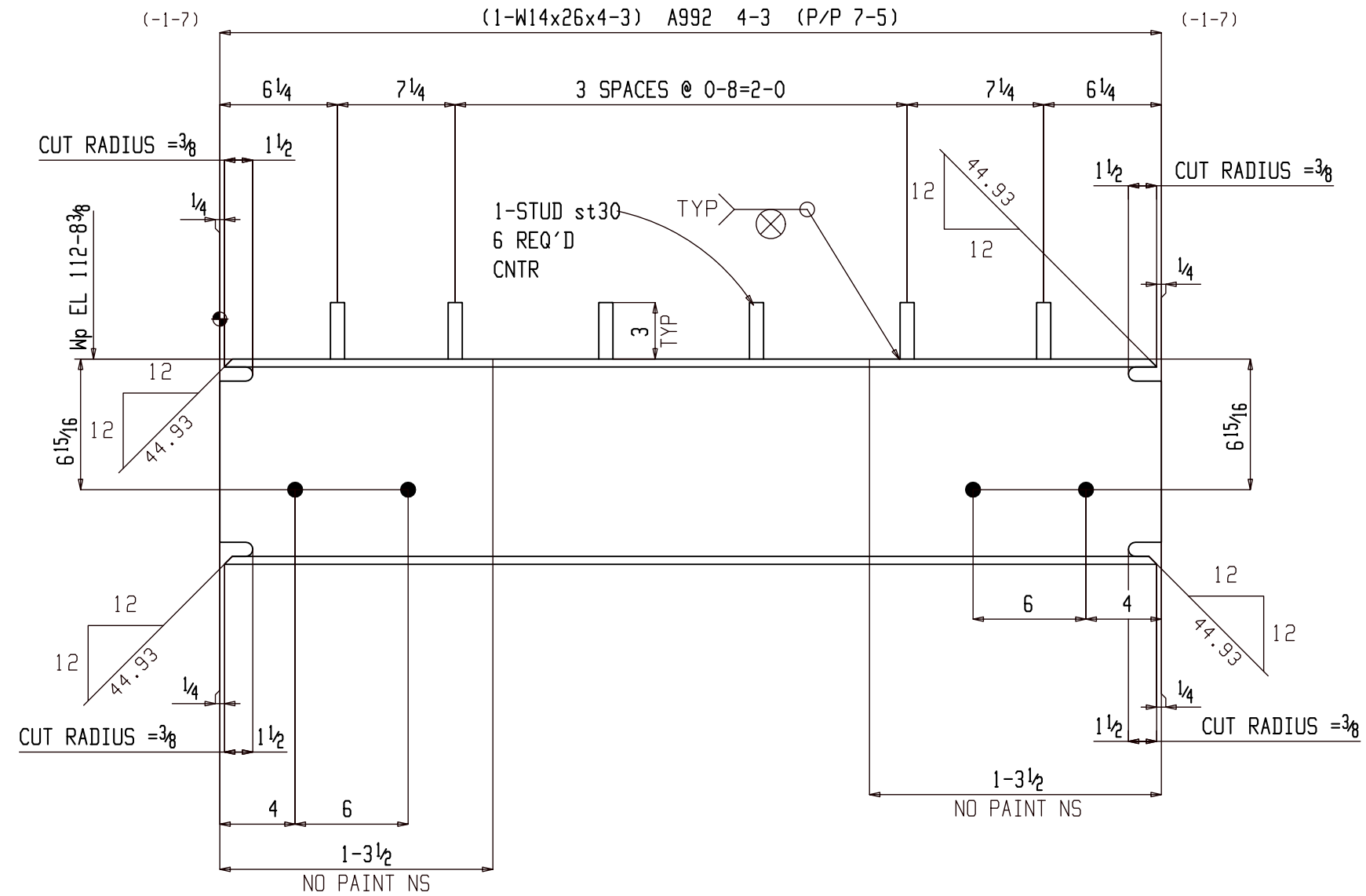
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	ISC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 02B226	



ONE BEAM 02B227

W	13 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 x 7 <sup>7</sup> / <sub>16</sub>
K	1 1/8 x 13 <sup>7</sup> / <sub>16</sub>

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

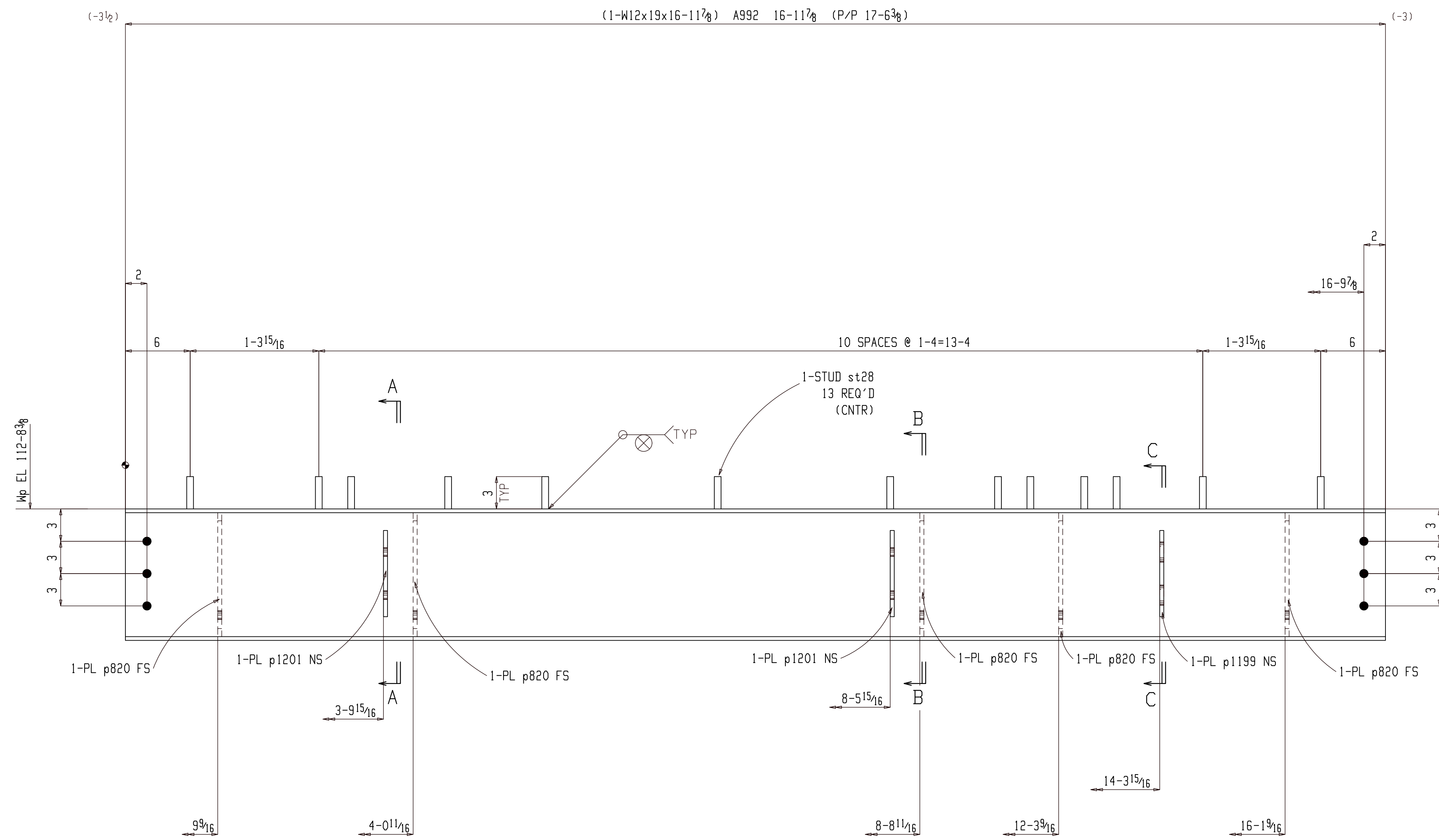
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B227		BEAM				113	113
1		02B227	W14x26	A992		4-3	111	111
6		st30	TWS <sup>3</sup> / <sub>4</sub>	A108		3	0	2
FIELD BOLTS								
4			3/4 Dia A307			2		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		02B227	
CHECKER		ALN									
APPROVED		04-04-22									



ONE BEAM 02B228

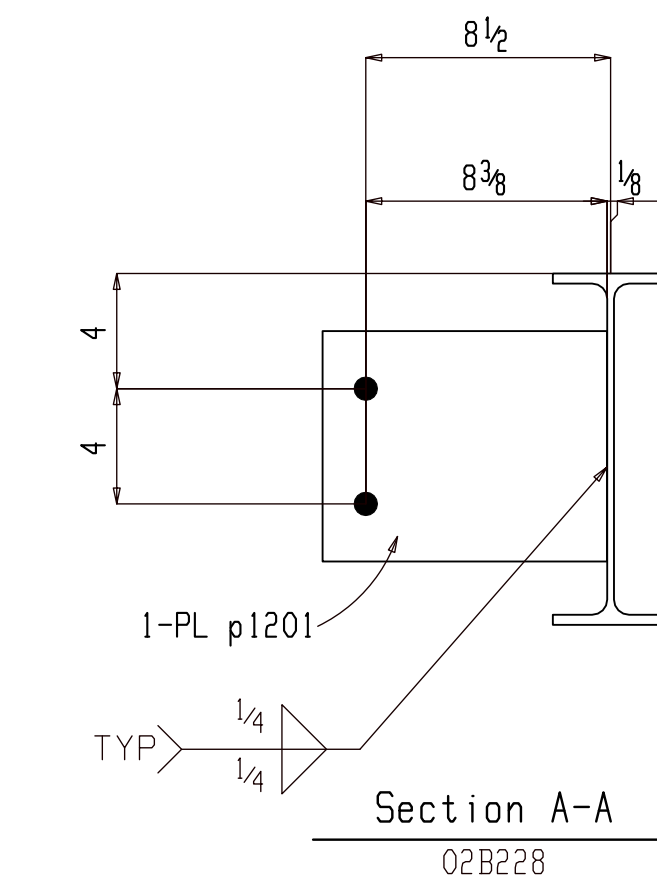
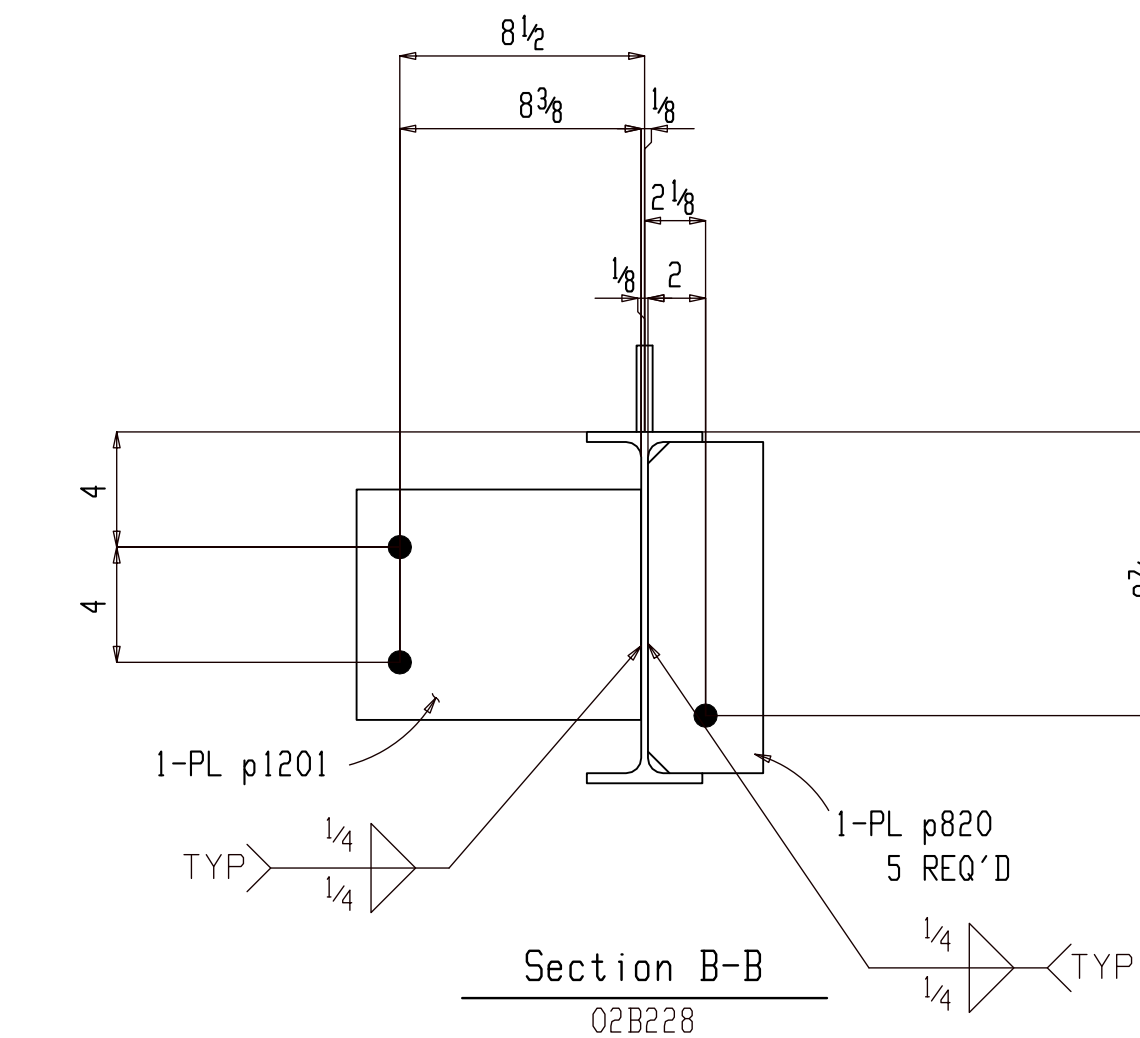
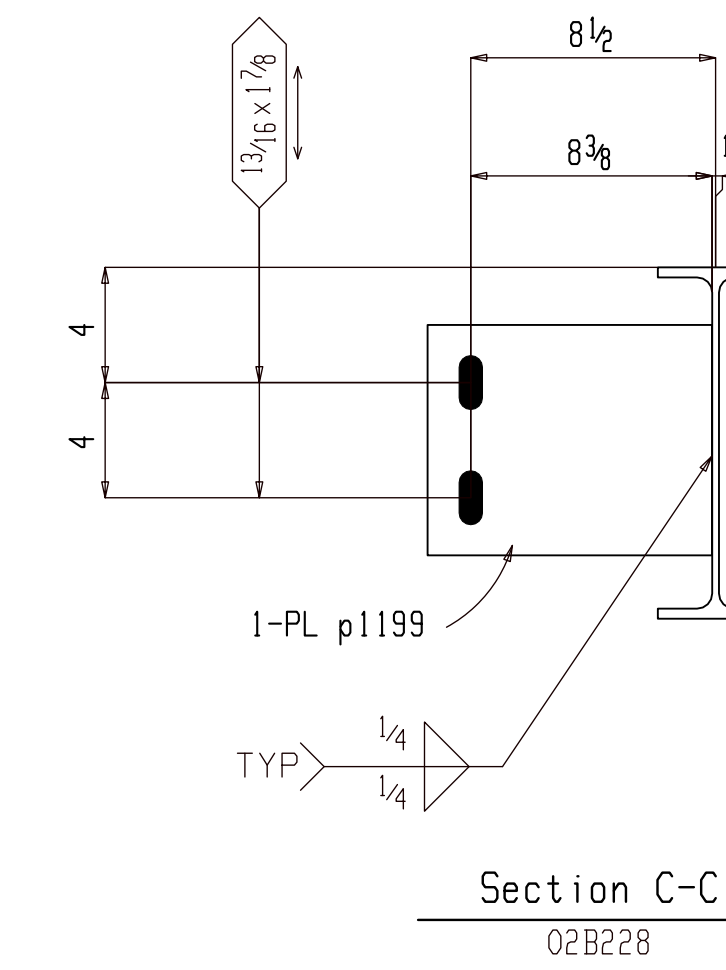
W	12 3/16 x 1/4
F	4 x 3/8
K	7/8 x 3/8

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	02B228		BEAM						
1		02B228	W12x19	A992		16-11 7/8	376	323	
13		st28	TWS 5/8	A108		3	0	3	
2		p1201	PL 3/8x8	A36		9 7/8	8	17	
1		p1199	PL 3/8x8	A36		9 7/8	8	8	
5		p820	PL 3/8x4	A36		11 1/2	5	24	
FIELD BOLTS									
6			3/4 Dia A325N		+1HD WASH	1 3/4			



FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

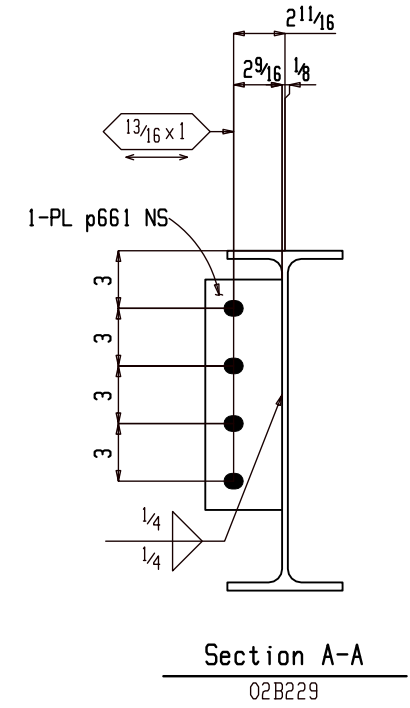
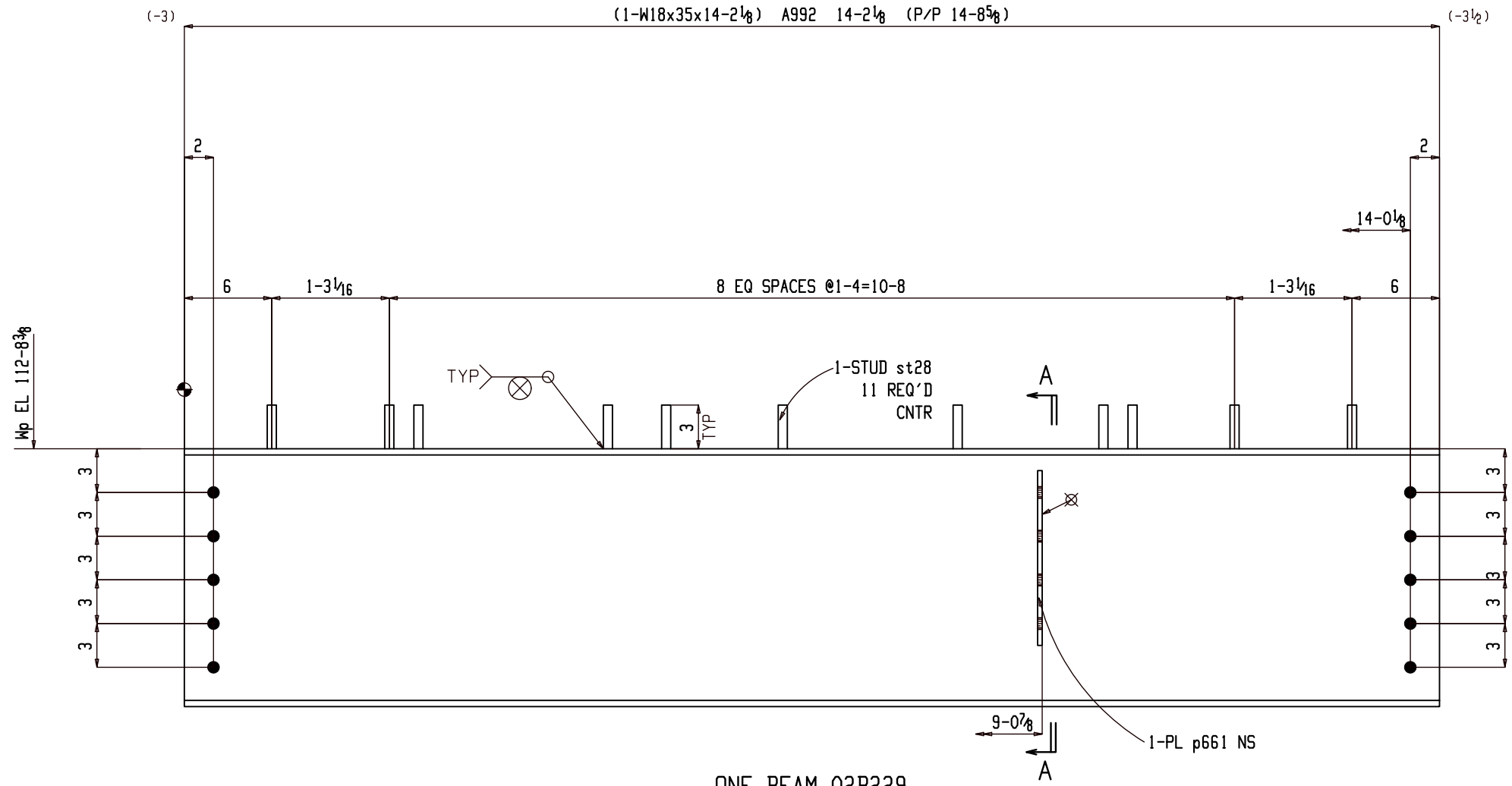
HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B228
APPROVED	04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B229		BEAM				503	503
1		02B229	W18x35	A992		14-2 <sup>1</sup> / <sub>8</sub>	496	496
11		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
1		p661	PL <sup>5</sup> / <sub>16</sub> x4	A36		1-0	4	4
FIELD BOLTS								
10			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



ONE BEAM 02B229

W	17 <sup>11</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>16</sub>
F	6 x 7 <sup>7</sup> / <sub>16</sub>
K	1 1/8 x 7/8

(E REFER: E202)

ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	ISC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

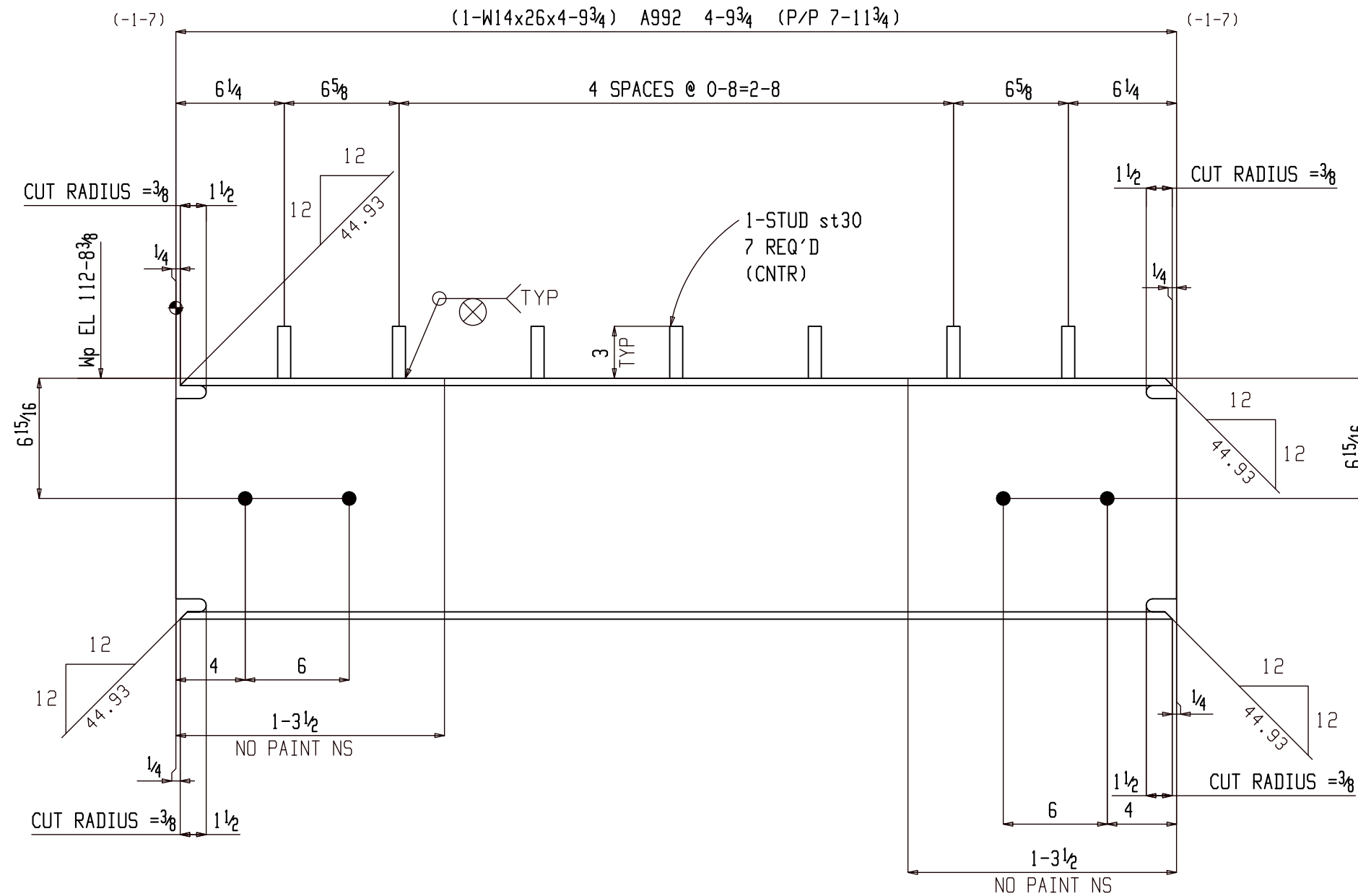
PROJECT NO 2210

JOB NAME MILWAUKEE STATION APARTMENTS

JOB LOCATION GREAT FALLS, MONTANA

DATE 04-04-22

05-06-22



ONE BEAM 02B230

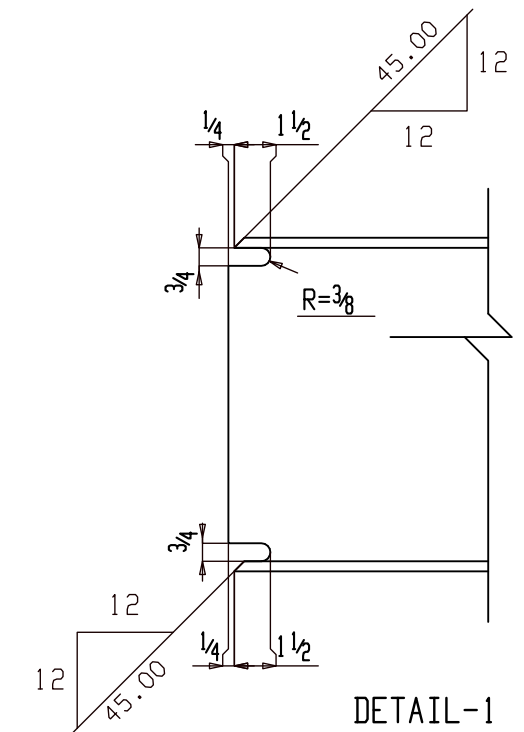
W	13 7/8 x 1/4
F	5 x 7/16
K	1 1/8 x 13/16

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B230		BEAM				128	128
1		02B230	W14x26	A992		4-9 3/4	125	125
7		st30	TWS 3/4	A108		3	0	3
			FIELD BOLTS					
4			3/4 Dia A307			2		



FOR APPROVAL

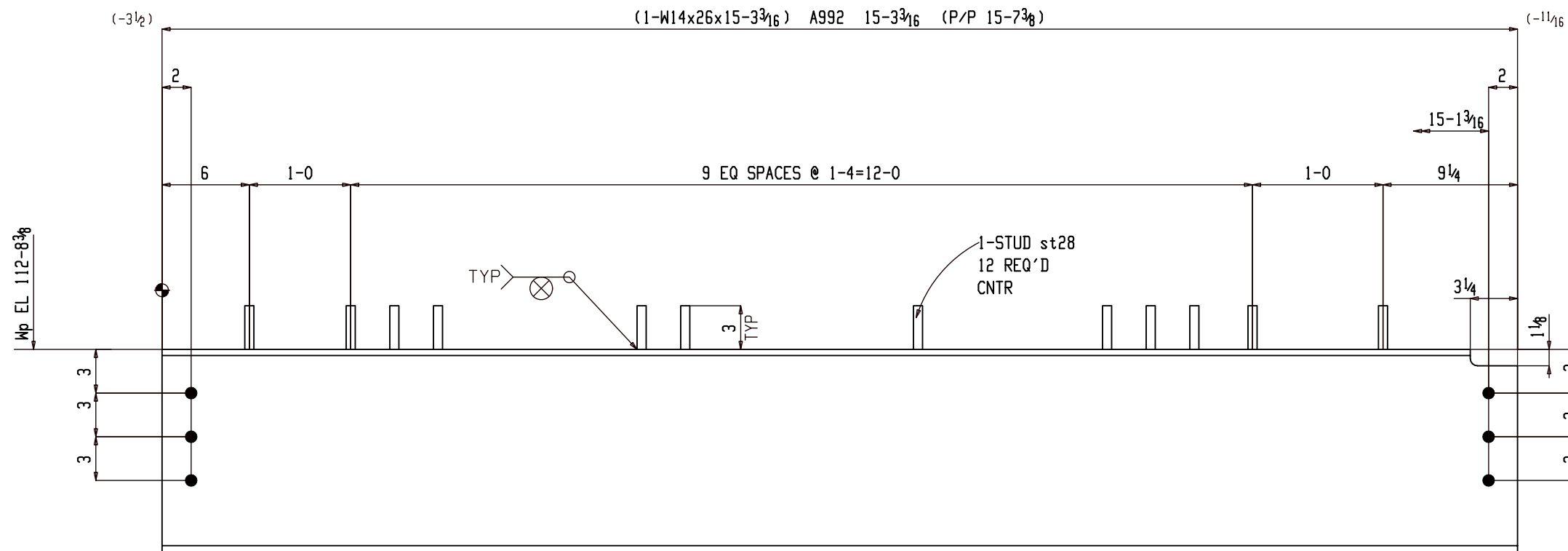
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B231		BEAM				400	400
1		02B231	W14x26	A992		15-3 <sup>3</sup> / <sub>16</sub>	397	397
12		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



### ONE BEAM 02B231

W 13<sup>7</sup>/<sub>8</sub> x 1/4  
 F 5 x 7/16  
 K 1 1/8 x 13/16

(E REFER: E202)

1SC PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

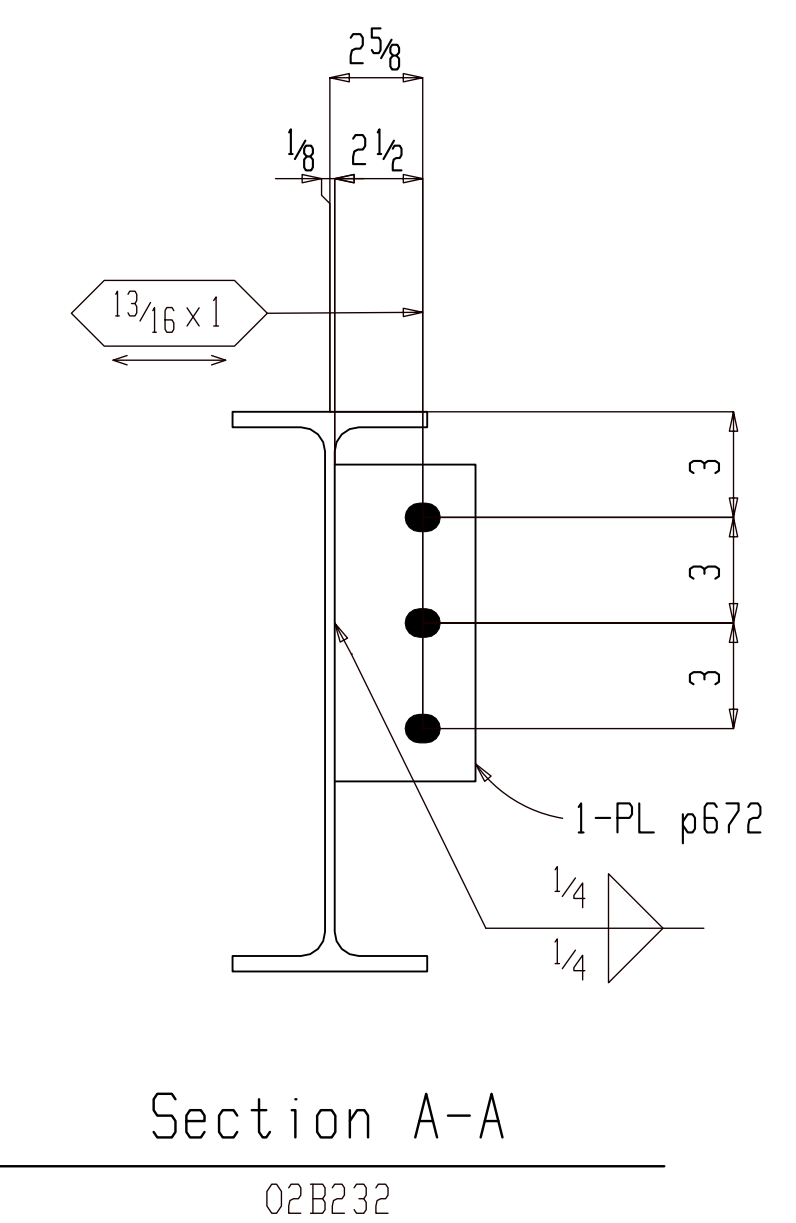
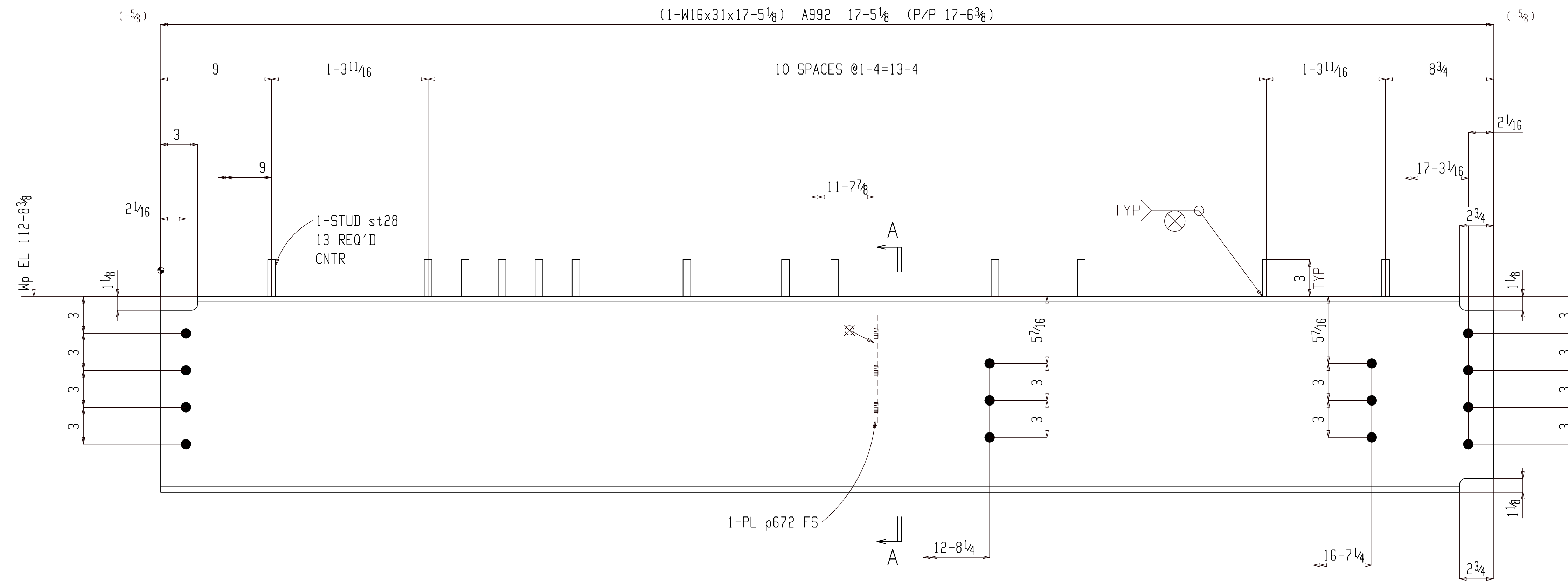


DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
APPROVED				DWG NO	
				02B231	



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02B232		BEAM					547	547
1		02B232	W16x31	A992		17-5 <sup>1</sup> / <sub>8</sub>		540	540
13		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3		0	3
1		p672	PL <sup>5</sup> / <sub>16</sub> x4	A36		9		3	3
			FIELD BOLTS						
8			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>			



**ONE BEAM 02B232**

W	15 <sup>7</sup> / <sub>8</sub> x <sup>1</sup> / <sub>4</sub>
F	5 <sup>1</sup> / <sub>2</sub> x <sup>7</sup> / <sub>16</sub>
K	1 <sup>1</sup> / <sub>8</sub> x <sup>13</sup> / <sub>16</sub>

(E REFER: E202)

ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

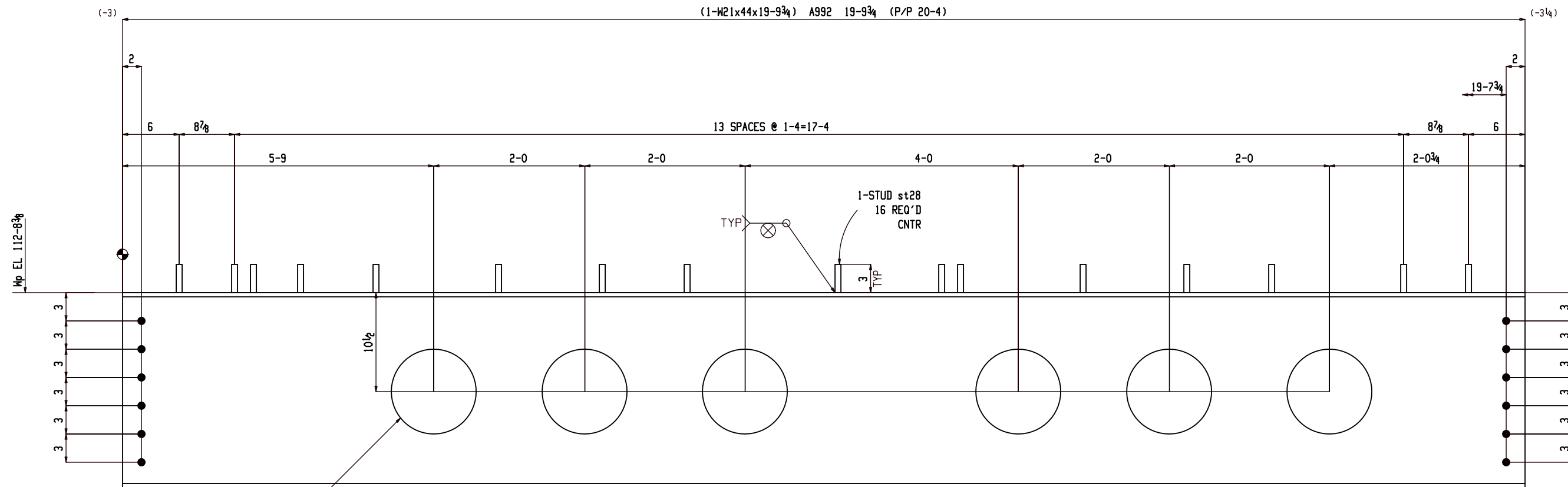
PROJECT NO 2210  
JOB NAME MILWAUKEE STATION APARTMENTS  
JOB LOCATION GREAT FALLS, MONTANA

DATE 04-04-22  
CHECKER ALN  
APPROVED 04-04-22

DWG NO 02B232

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B233		BEAM				876	876
1		02B233	W21x44	A992		19-9 <sup>3</sup> / <sub>4</sub>	872	872
16		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4
FIELD BOLTS								
12			3/4 Dia A325N		+1HD WASH	13/4		



#### ONE BEAM 02B233

W	20 <sup>1</sup> / <sub>16</sub> x <sup>3</sup> / <sub>8</sub>
F	6 <sup>1</sup> / <sub>2</sub> x <sup>7</sup> / <sub>16</sub>
K	1 <sup>1</sup> / <sub>8</sub> x <sup>7</sup> / <sub>8</sub>

(E REFER: E202)

1SC PRIMER

R=4 1/2  
TYP

#### FOR APPROVAL

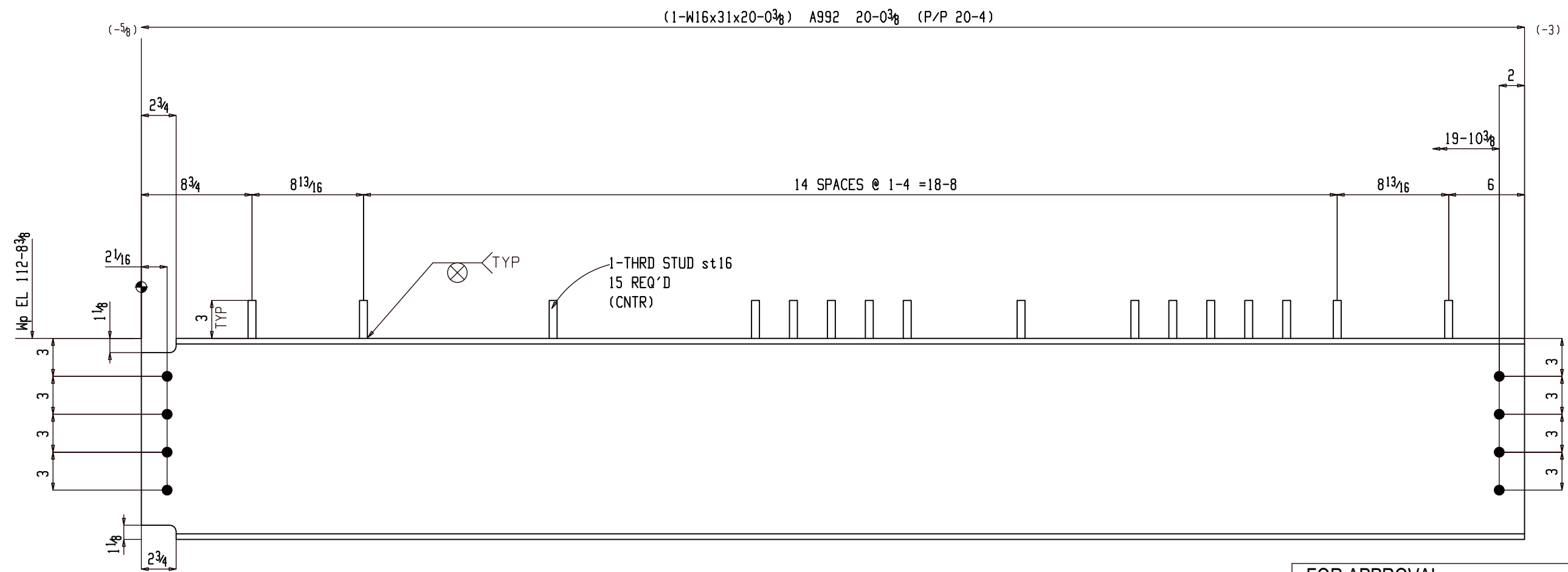
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B233
CHECKER		ALN				
APPROVED		04-04-22				

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	02B234		BEAM					625	625
1		02B234	W16x31	A992		20-0 <sup>3</sup> / <sub>8</sub>	621	621	
16		st29	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4	
FIELD BOLTS									
8			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH			1 <sup>3</sup> / <sub>4</sub>	



ONE BEAM 02B234

W	15 <sup>7</sup> / <sub>8</sub> x <sup>1</sup> / <sub>4</sub>
F	5 <sup>1</sup> / <sub>2</sub> x <sup>7</sup> / <sub>16</sub>
K	1 <sup>1</sup> / <sub>8</sub> x <sup>13</sup> / <sub>16</sub>

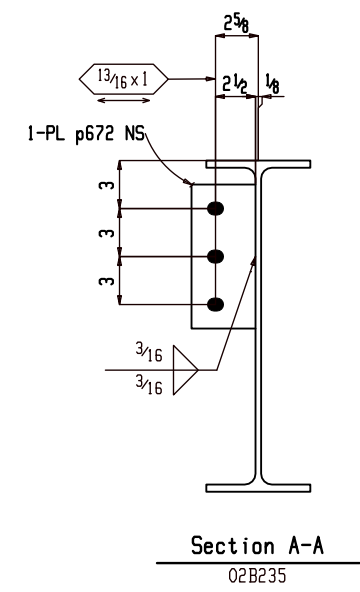
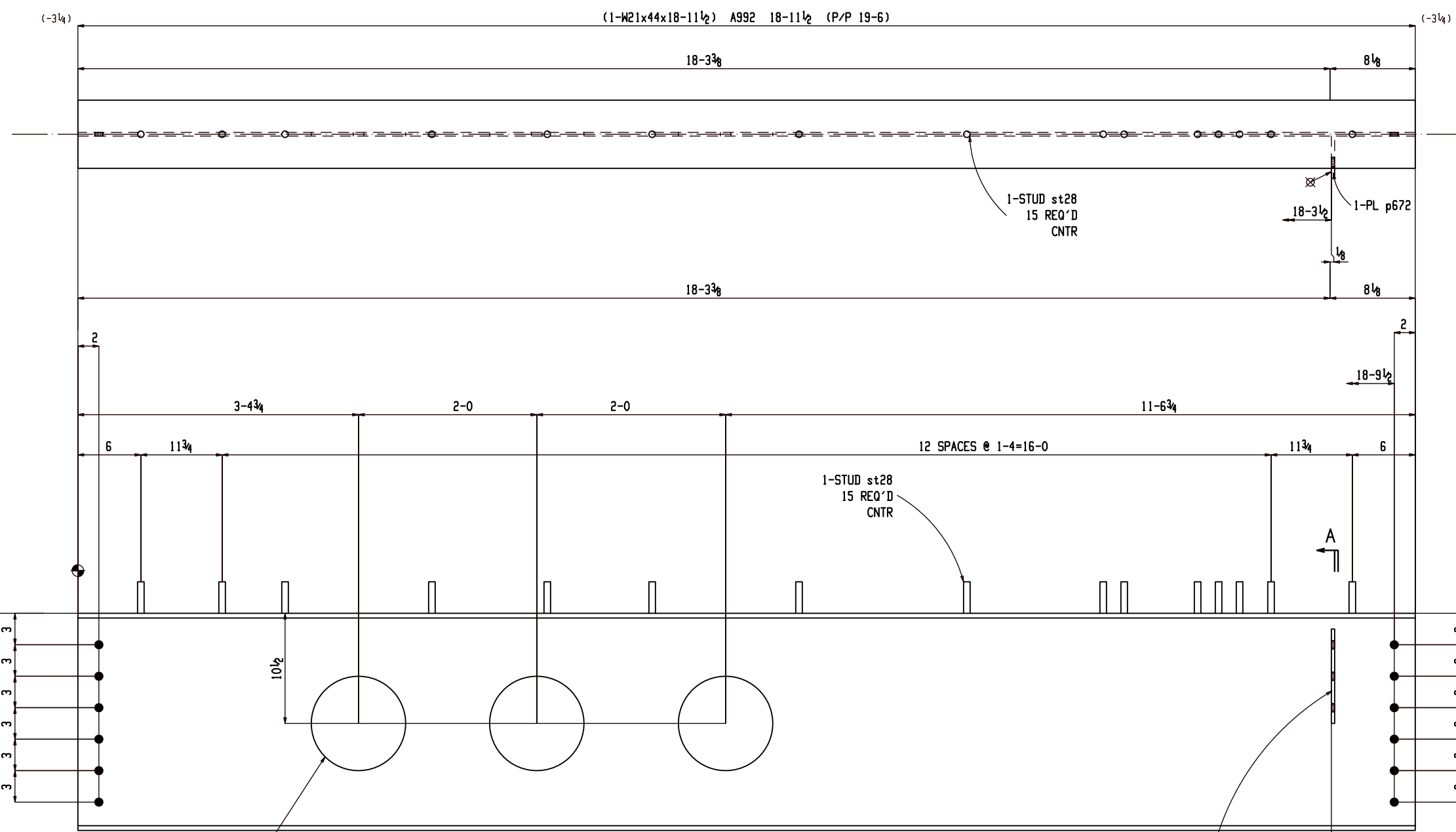
(E REFER: E202)

ISC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	ISC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO 2210
DATE 04-04-22	CHECKER ALN	JOB NAME MILWAUKEE STATION APARTMENTS	DATE 05-06-22
APPROVED 04-04-22		JOB LOCATION GREAT FALLS, MONTANA	DWG NO 02B234

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B235		BEAM				841	841
1		02B235	W21x44	A992		18-11 1/2	834	834
15		st28	TWS 5/8	A108		3	0	4
1		p672	PL 5/16x4	A36		9	3	3
12			FIELD BOLTS					
			3/4 Dia A325N		+1HD WASH		13/4	



**ONE BEAM 02B235**

M	20 1/16 x 3/8
F	6 1/2 x 7/16
K	1 1/8 x 7/8

(E REFER: E201)

ISC PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

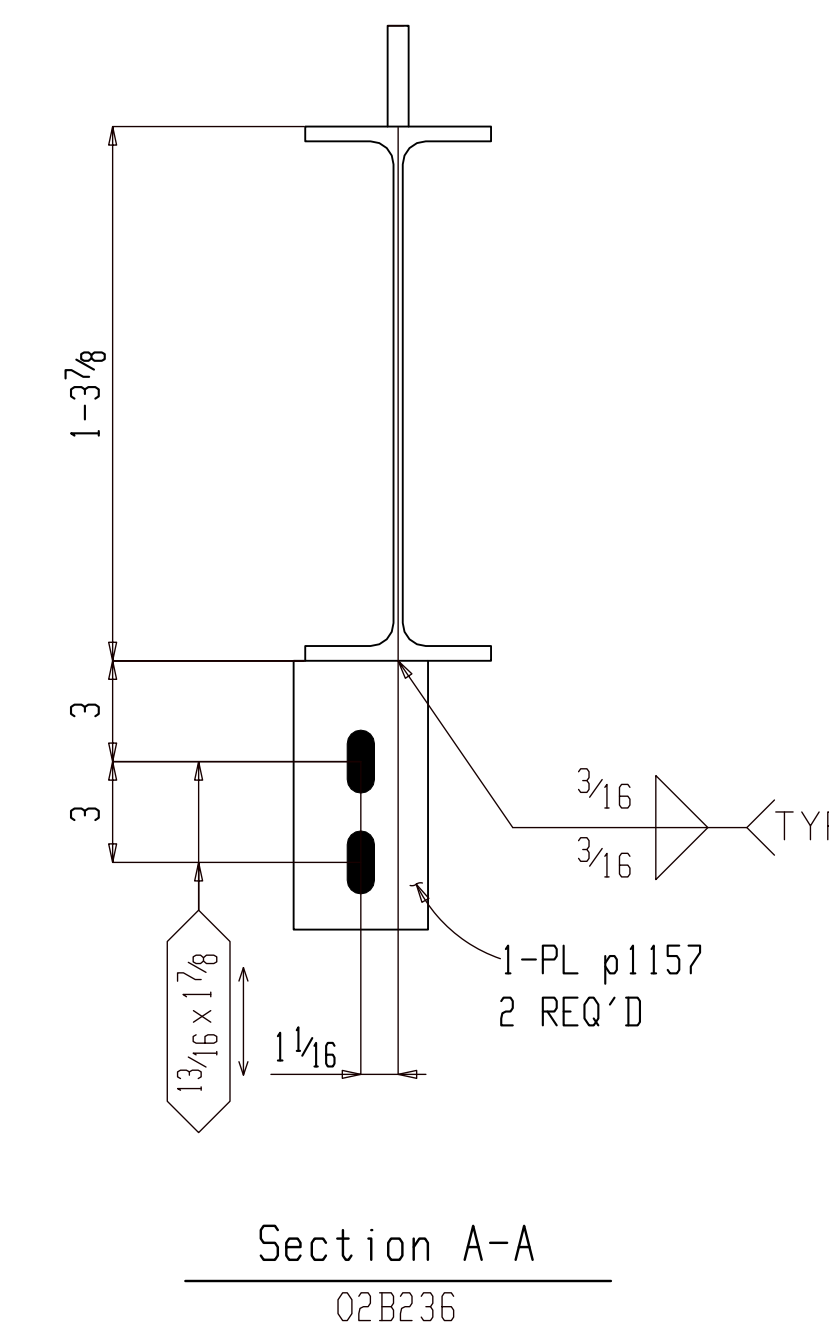
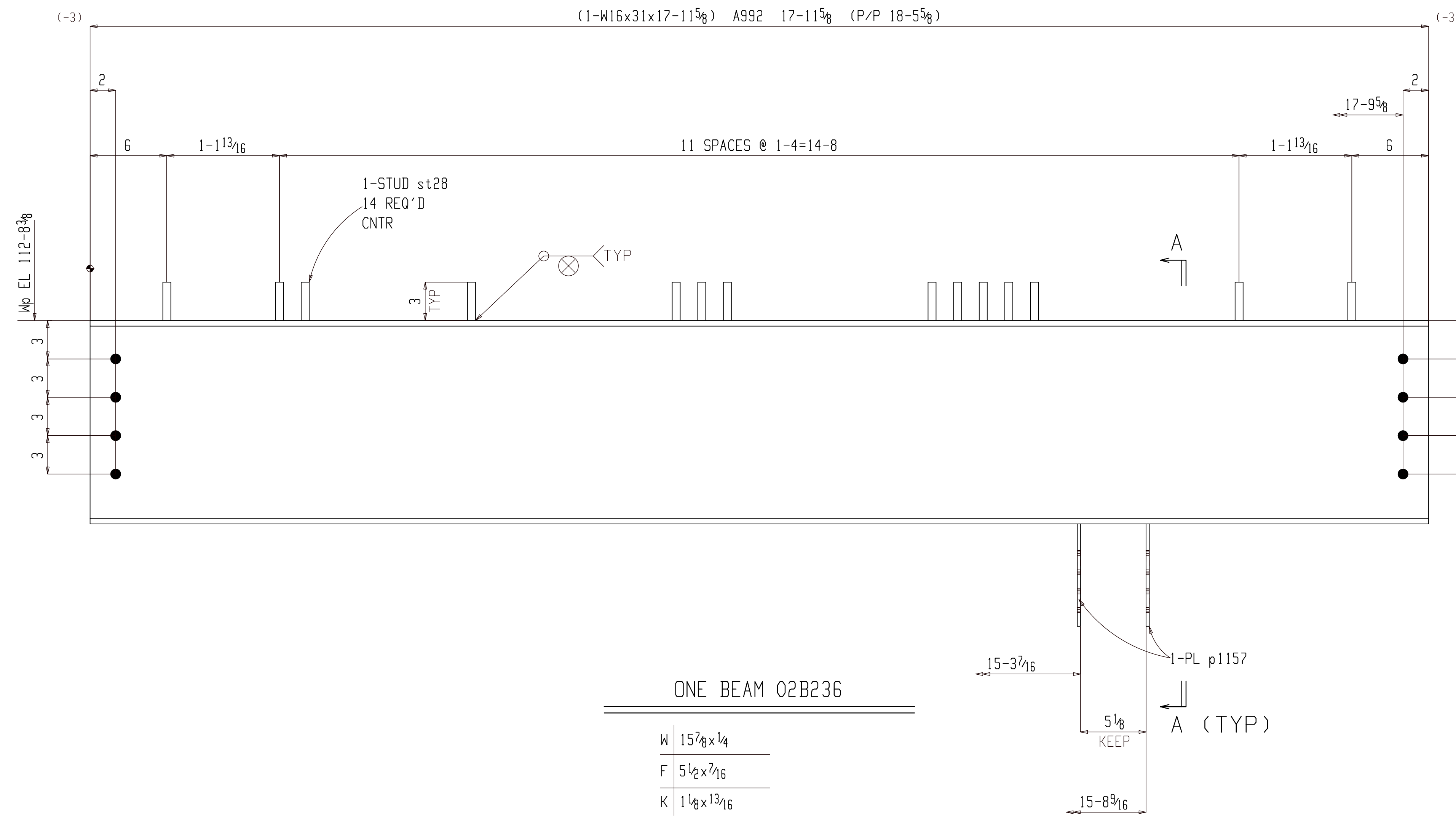
DETAILER		PROJECT NO	
AKM	04-04-22	2210	REV
DATE		JOB NAME	
04-04-22		MILWAUKEE STATION APARTMENTS	
CHECKER	JOB LOCATION	PROJECT NO	
ALN	GREAT FALLS, MONTANA	2210	
APPROVED		JOB NO	
04-04-22		02B235	

HP EL 112-8 3/8

R=4 1/2  
TYP

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B236		BEAM				565	565
1		02B236	W16x31	A992		17-11 <sup>5</sup> / <sub>8</sub>	557	557
14		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4
2		p1157	PL <sup>1</sup> / <sub>4</sub> x4	A36		8	2	5
			FIELD BOLTS					
8			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



ONE BEAM 02B236

W	15 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 <sup>1</sup> / <sub>2</sub> x 7/16
K	1 <sup>1</sup> / <sub>8</sub> x 13/16

(E REFER: E202)

1SC PRIMER

**FOR APPROVAL**

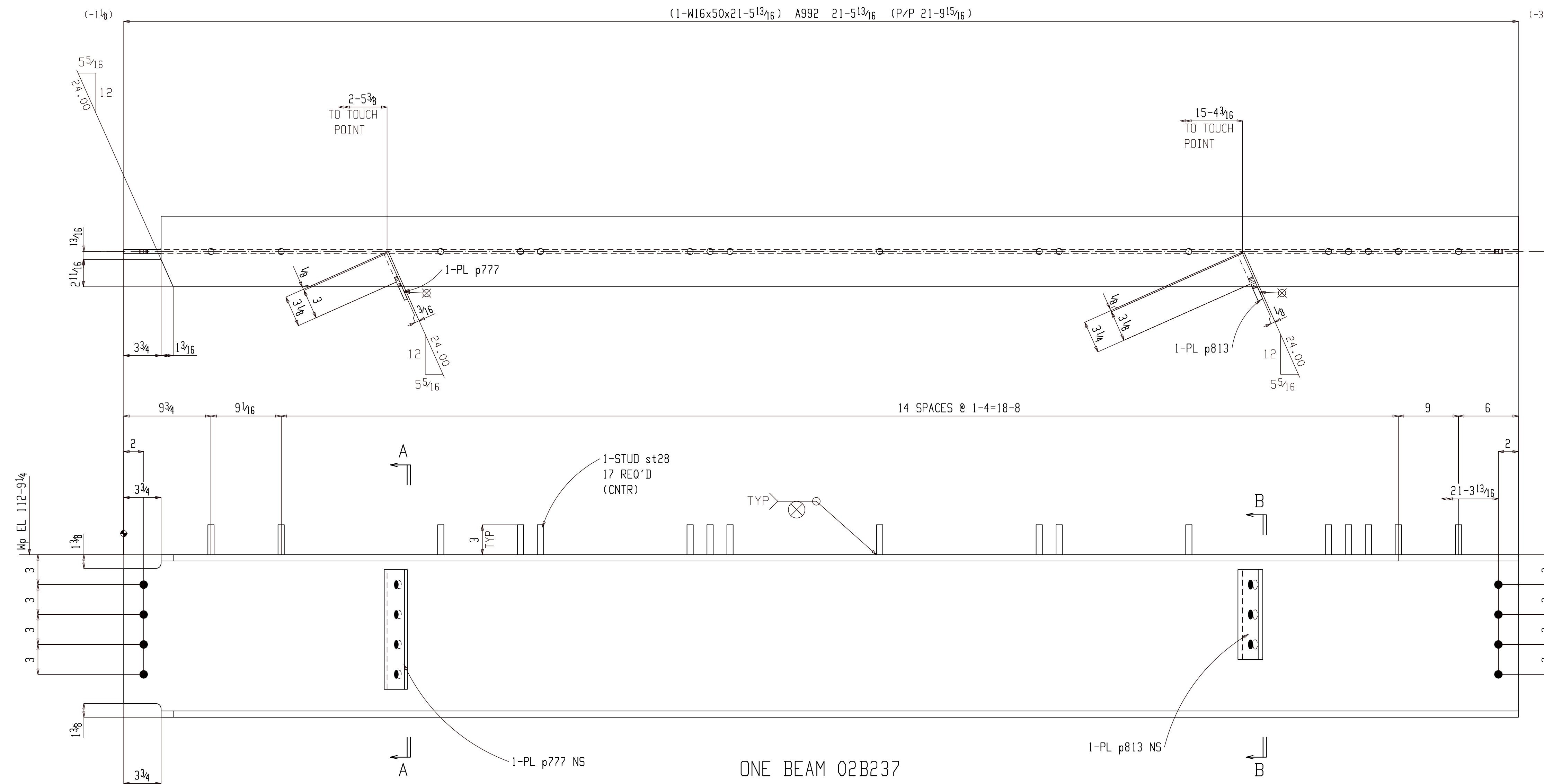
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	02B236

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02B237		BEAM					1090	1090
1		02B237	W16x50	A992		21-5 <sup>13</sup> / <sub>16</sub>		1074	1074
17		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3		0	4
1		p777	PL <sup>5</sup> / <sub>16</sub> x5	A36		1-0		5	5
1		p813	PL <sup>1</sup> / <sub>2</sub> x5	A36		9		6	6
							<b>FIELD BOLTS</b>		
8			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH			<sup>13</sup> / <sub>4</sub>	



**ONE BEAM 02B237**

W	16 <sup>5</sup> / <sub>16</sub> x <sup>3</sup> / <sub>8</sub>
F	7 <sup>1</sup> / <sub>16</sub> x <sup>5</sup> / <sub>8</sub>
K	1 <sup>9</sup> / <sub>16</sub> x <sup>7</sup> / <sub>8</sub>

(E REFER: E203)

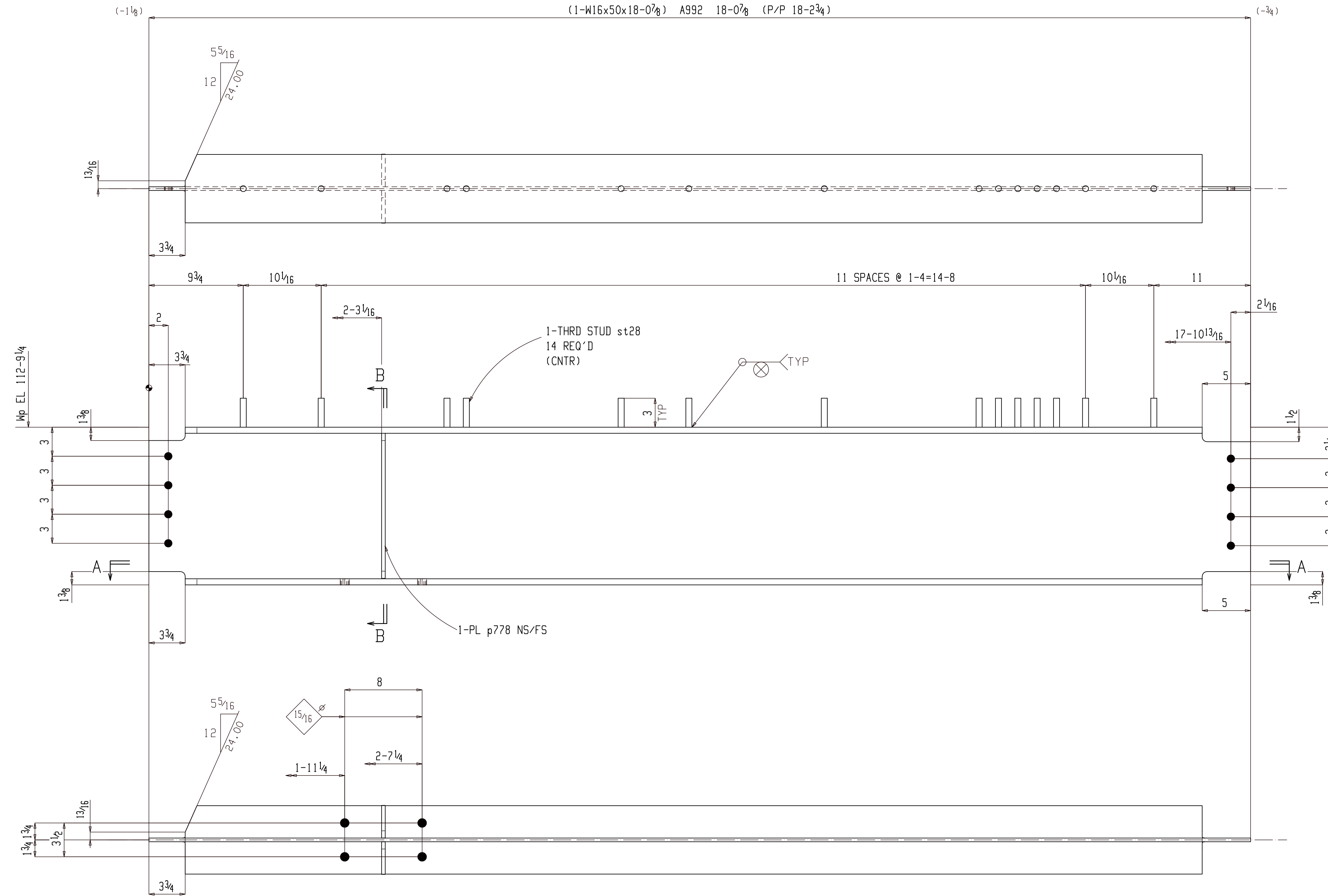
PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	<sup>13</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	02B237



Section A-A  
02B238

ONE BEAM 02B238

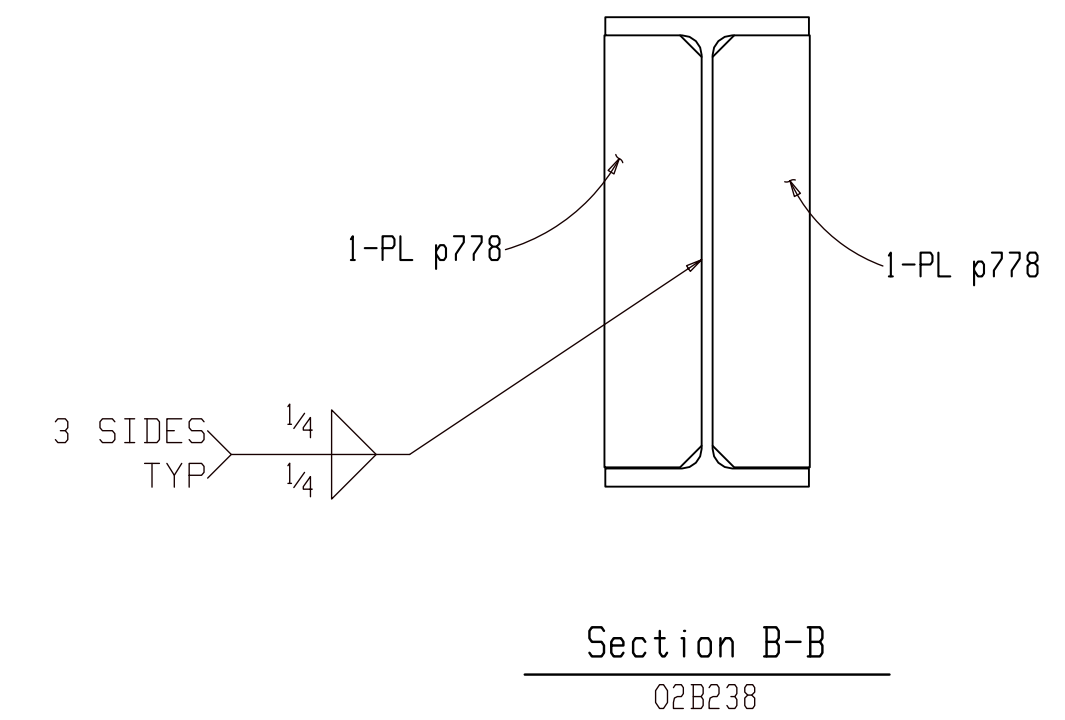
W	16 5/16 x 3/8
F	7 1/16 x 5/8
K	1 5/16 x 7/8

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B238		BEAM				918	918
1		02B238	W16x50	A992		18-07/8	904	904
14		st28	TWS 5/8	A108		3	0	4
2		p778	PL 3/8x3 3/8	A36		1-3	5	11
			FIELD BOLTS					
8			3/4 Dia A325N		+1HD WASH		13/4	



FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

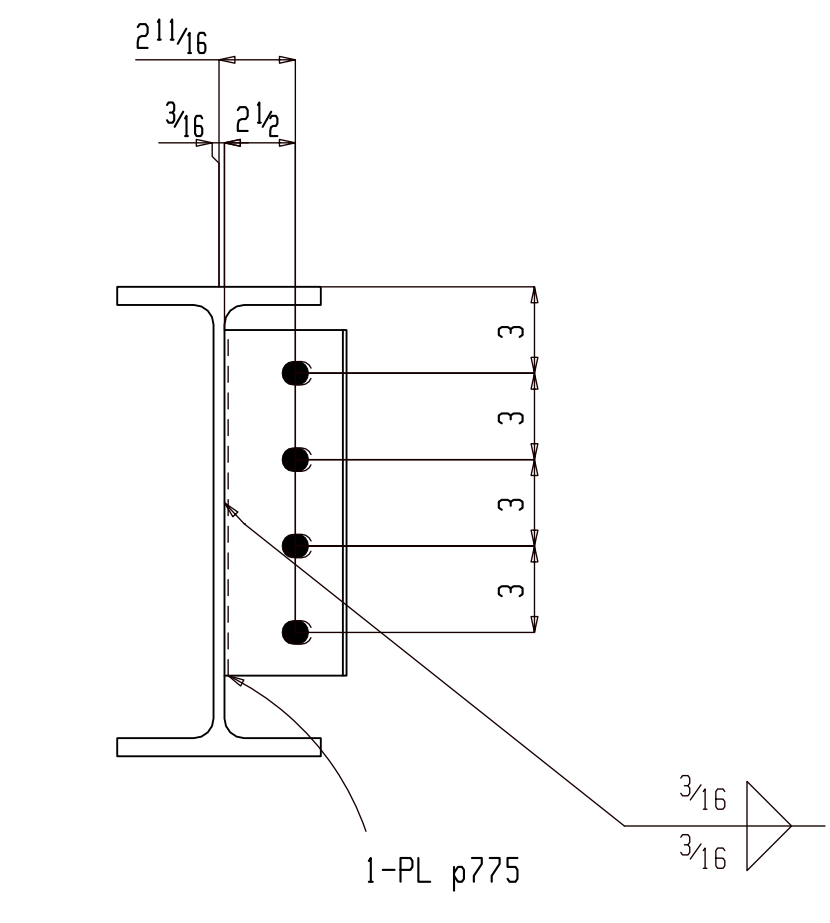
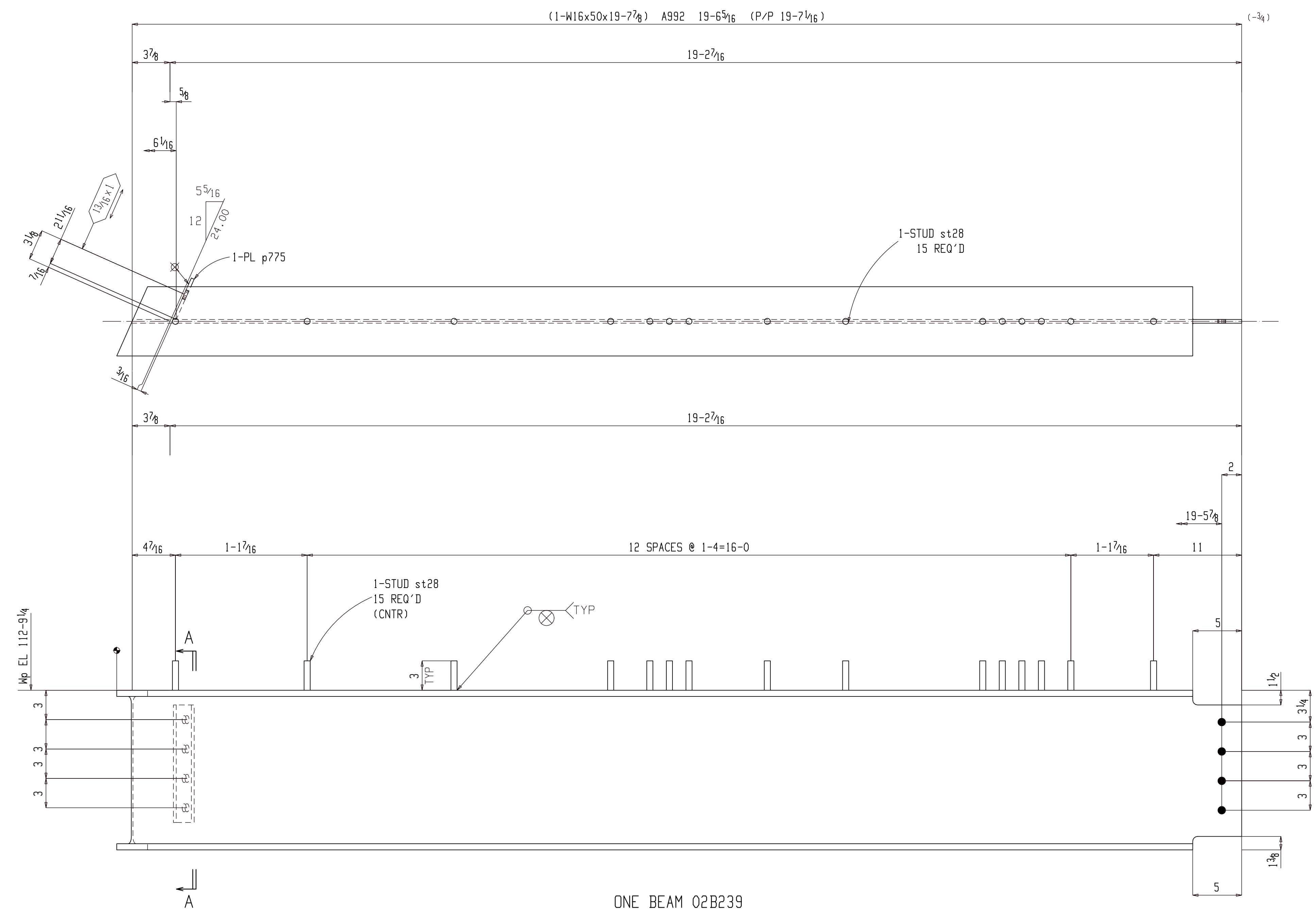
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIRREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWN	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	02B238

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B239		BEAM				992	992
1		02B239	W16x50	A992		19-77/8	983	983
15		st28	TWS5/8	A108		3	0	4
1		p775	PL5/16x4 1/2	A36		1-0	5	5
			FIELD BOLTS					
4			3/4 Dia A325N		+1HD WASH	13/4		



Section A-A  
02B239

**ONE BEAM 02B239**

W	16 5/16 x 3/8
F	7 1/16 x 3/8
K	1 5/16 x 7/8

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

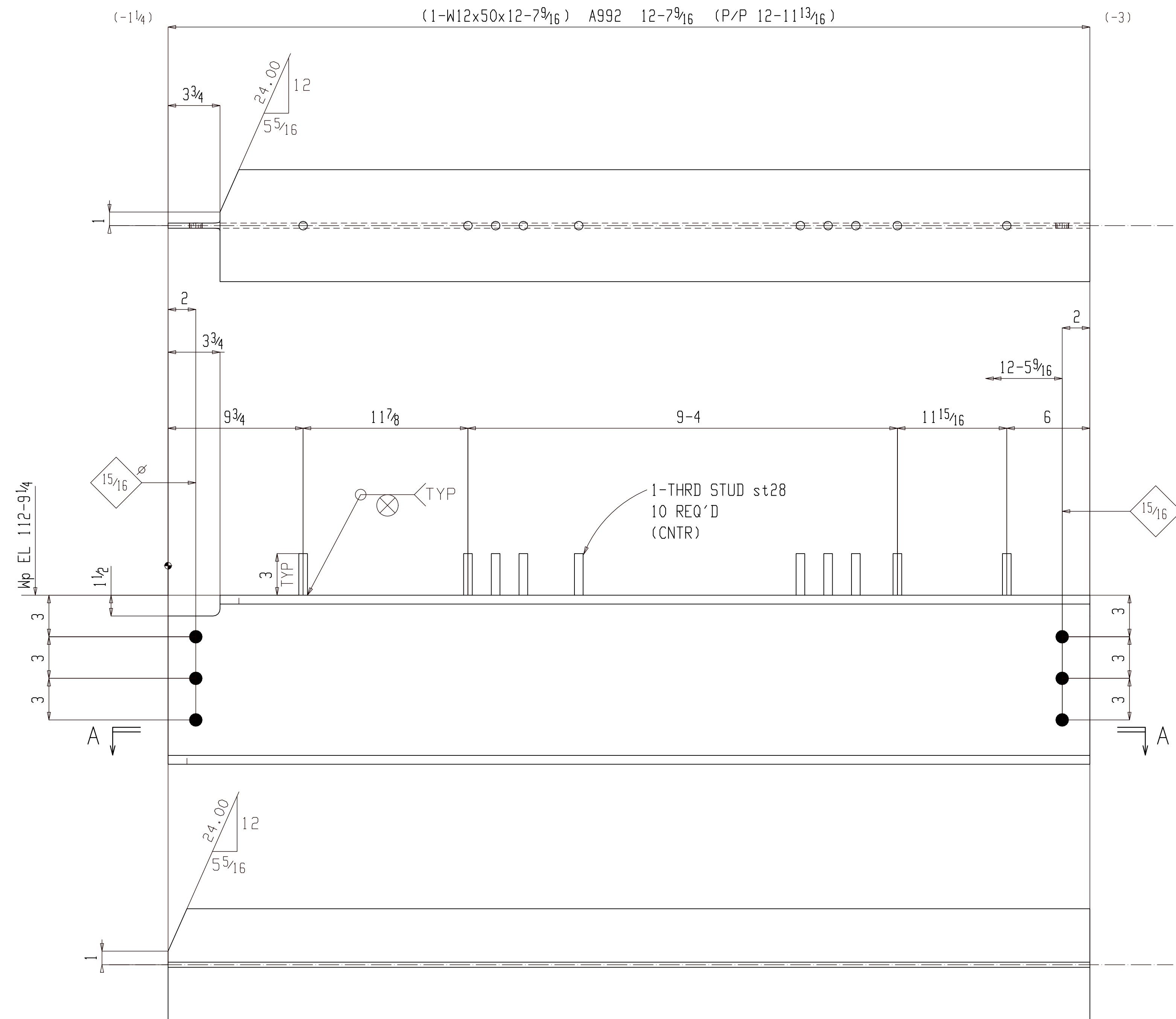
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 02B239	







Section A-A

02B241

ONE BEAM 02B241

W | 12 3/16 x 3/8

F | 8 1/16 x 5/8

K | 1 1/2 x 1 1/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B241		BEAM	A992			634	634
1		02B241	W12x50	A992		12-79/16	631	631
10		st28	TWS5/8	A108		3	0	3
			FIELD BOLTS					
6			7/8 Dia A490N		+1HD WASH	2 1/4		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

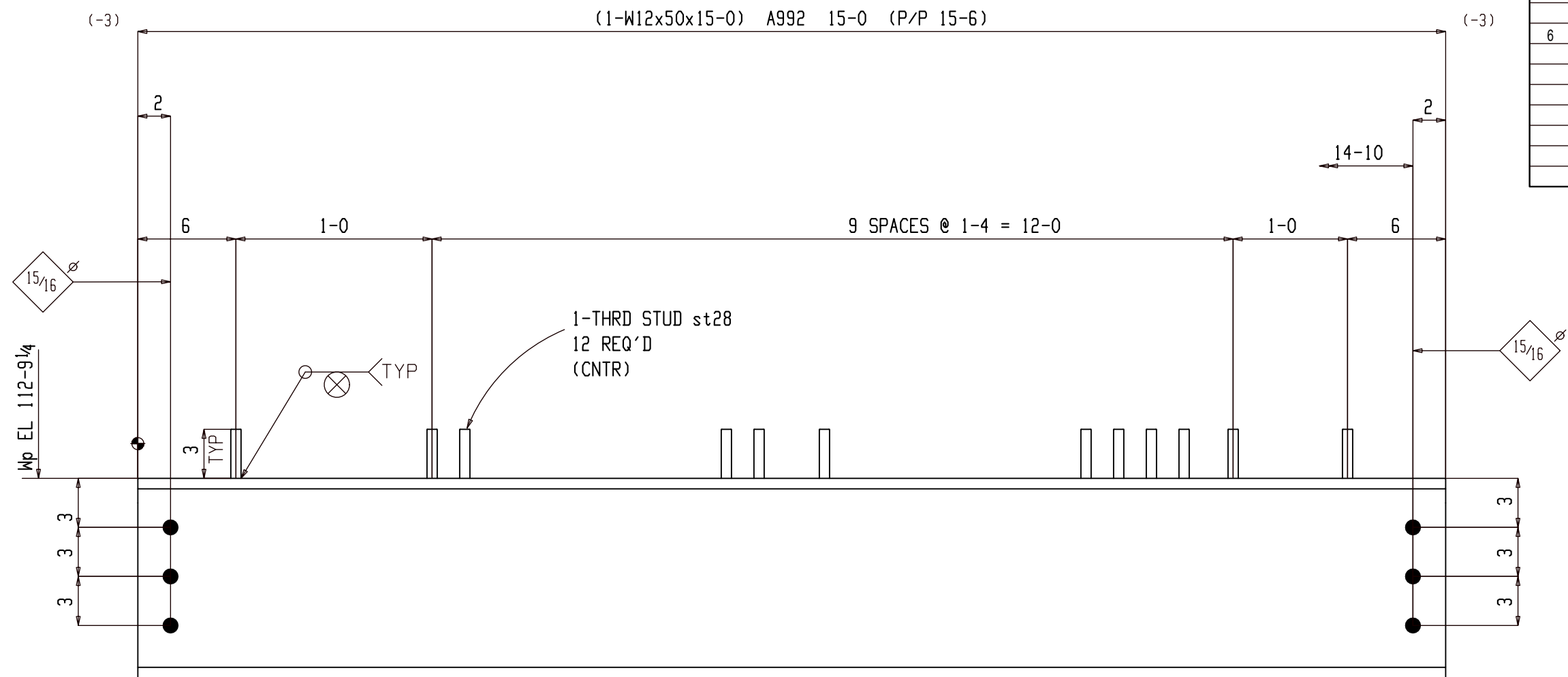
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B241
APPROVED	04-04-22				



BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	02B243		BEAM				753	753	
1		02B243	W12x50	A992		15-0	750	750	
12		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3	
			FIELD BOLTS						
6			7/8 Dia A490N		+1HD WASH	2 1/4			



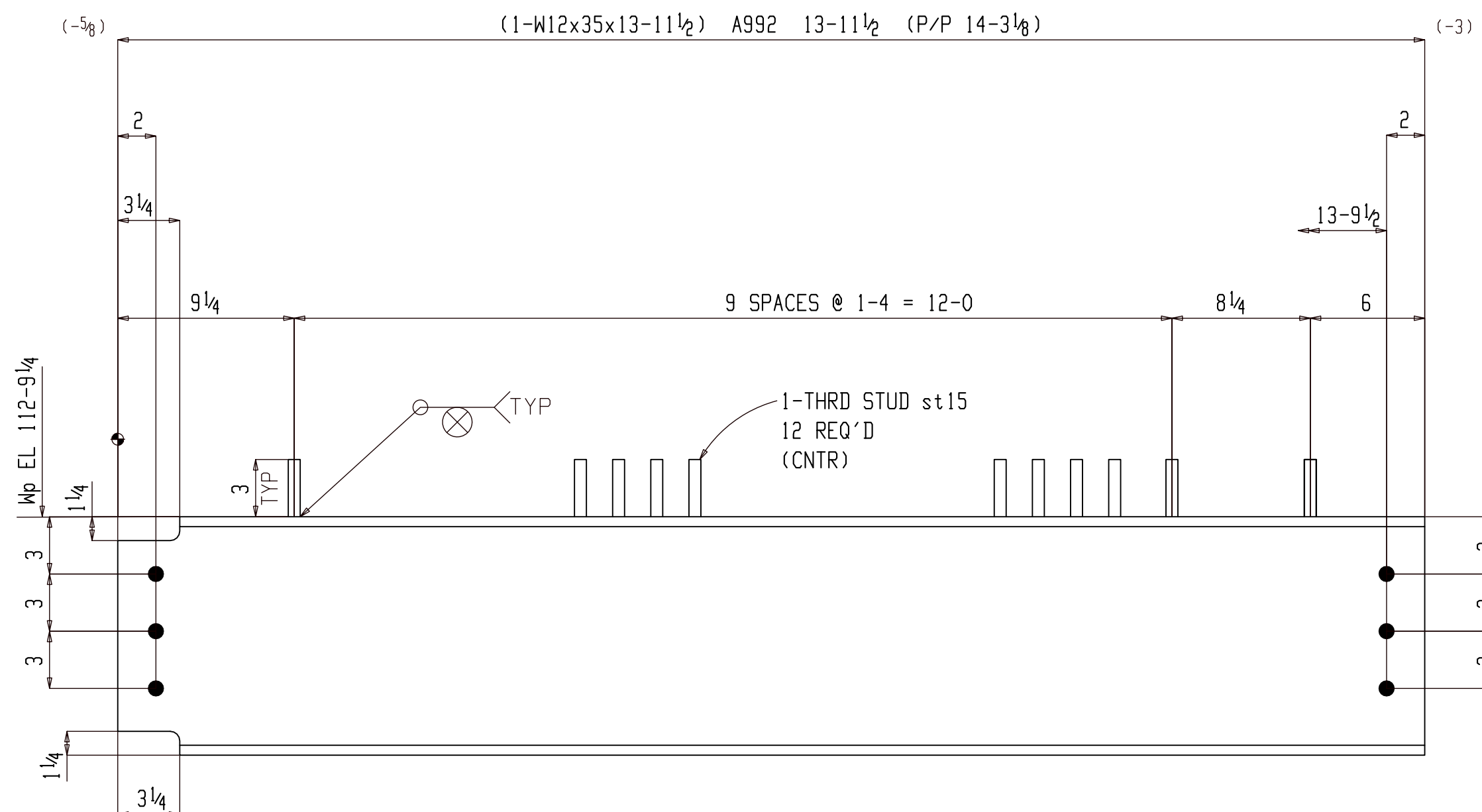
ONE BEAM 02B243

W | 12<sup>3</sup>/<sub>16</sub> x <sup>3</sup>/<sub>8</sub>  
 F | 8<sup>1</sup>/<sub>16</sub> x <sup>5</sup>/<sub>8</sub>  
 K | 1<sup>1</sup>/<sub>2</sub> x 1<sup>1</sup>/<sub>16</sub>

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN		
APPROVED	04-04-22		
		PROJECT NO	2210
		DWG NO	02B243



ONE BEAM 02B244

W	12 1/2 x 5/16
F	6 9/16 x 1/2
K	13 1/16 x 13/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	02B244		BEAM					492	492
1		02B244	W12x35	A992		13-11 1/2	489	489	
12		st28	TWS 5/8	A108		3	0	3	
			FIELD BOLTS						
6			3/4 Dia A325N		+1HD WASH	13/4			

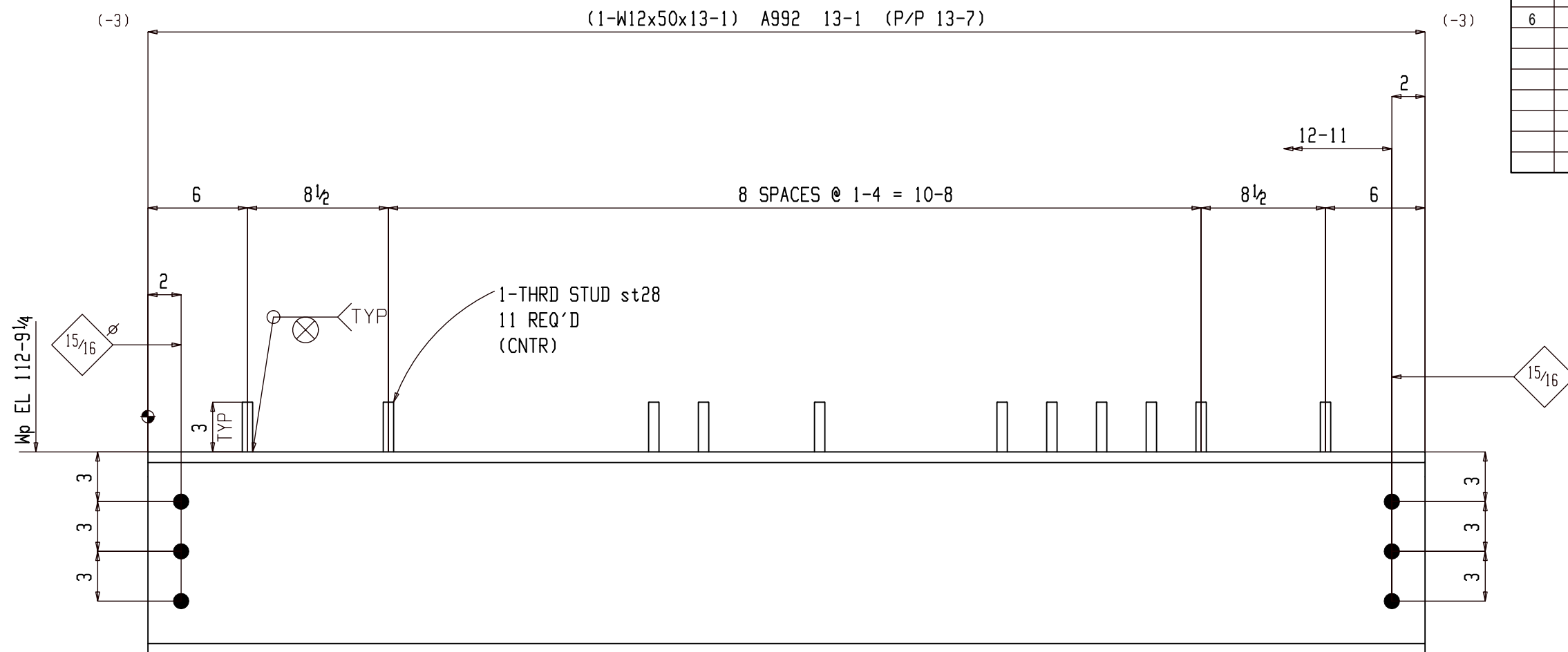
FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE

DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		02B244	
CHECKER		ALN									
APPROVED		04-04-22									

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B245		BEAM				657	657
1		02B245	W12x50	A992		13-1	654	654
11		st28	TWS <sup>5/8</sup>	A108		3	0	3
FIELD BOLTS								
6			7/8 Dia A490N		+1HD WASH	2 1/4		



### ONE BEAM 02B245

W | 12<sup>3/16</sup> x 3<sup>3/8</sup>  
 F | 8<sup>1/16</sup> x 5<sup>5/8</sup>  
 K | 1<sup>1/2</sup> x 1<sup>1/16</sup>

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
 DRYING METAL PRIMER- 1753 GRAY

### FOR APPROVAL

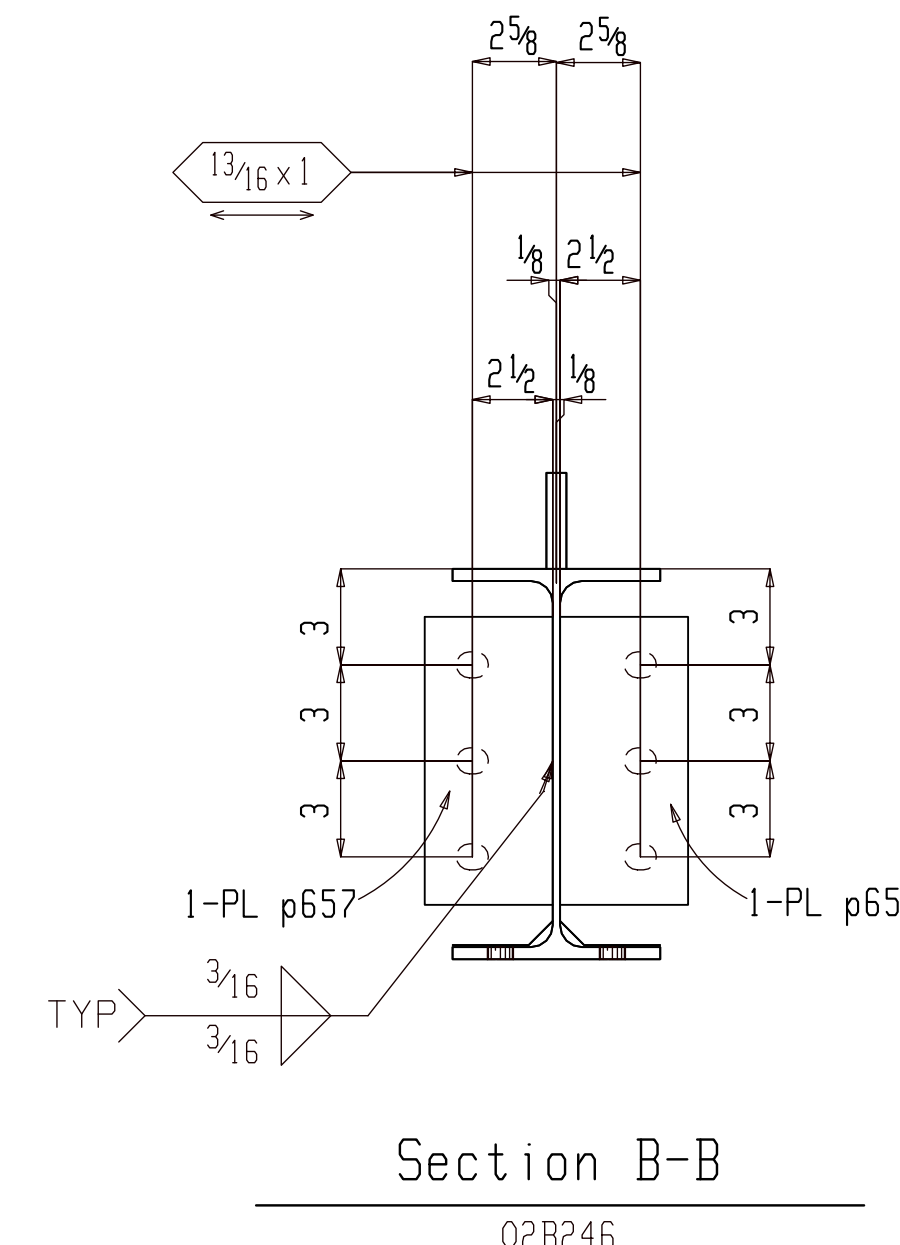
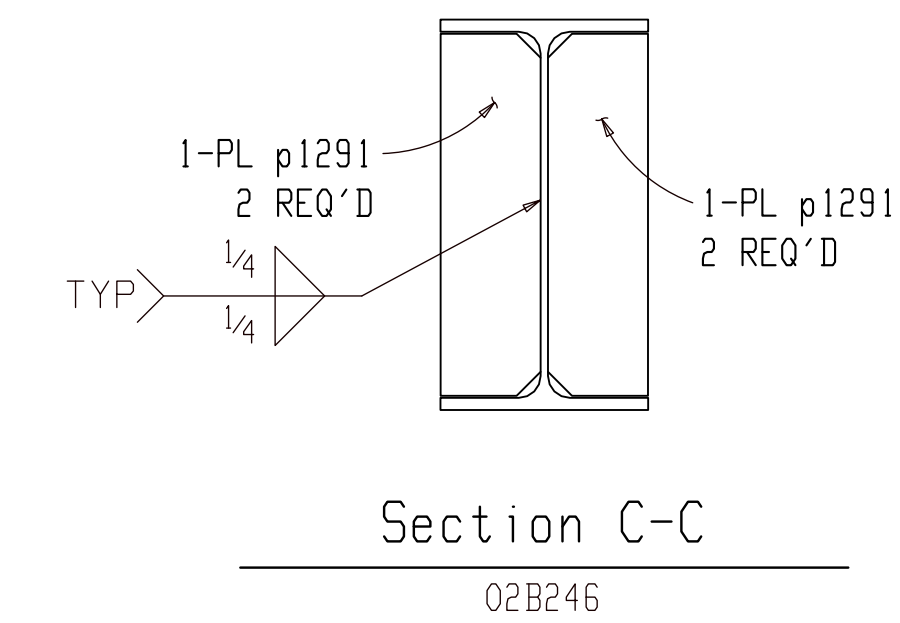
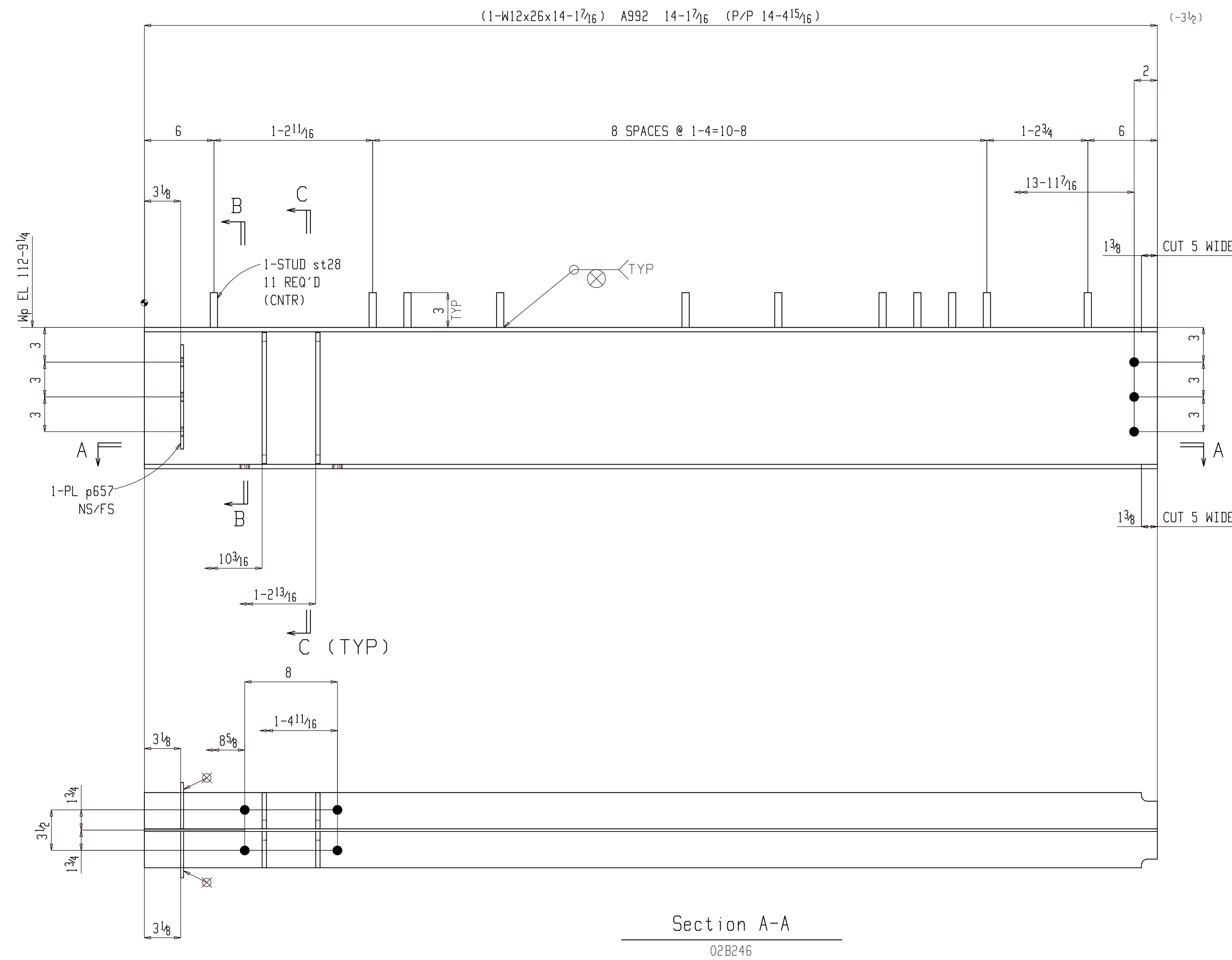
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B246		BEAM				390	390
1		02B246	W12x26	A992		14-17 <sup>1</sup> / <sub>16</sub>	367	367
11			st28	A108		3	0	3
4		p1291	PL <sup>3</sup> / <sub>8</sub> x3 <sup>1</sup> / <sub>8</sub>	A36		115 <sup>5</sup> / <sub>16</sub>	4	15
2		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	5
FIELD BOLTS								
4			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	2 <sup>1</sup> / <sub>4</sub>		
3			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		



**ONE BEAM 02B246**

W	12 <sup>3</sup> / <sub>16</sub> x <sup>1</sup> / <sub>4</sub>
F	6 <sup>1</sup> / <sub>2</sub> x <sup>3</sup> / <sub>8</sub>
K	1 <sup>1</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

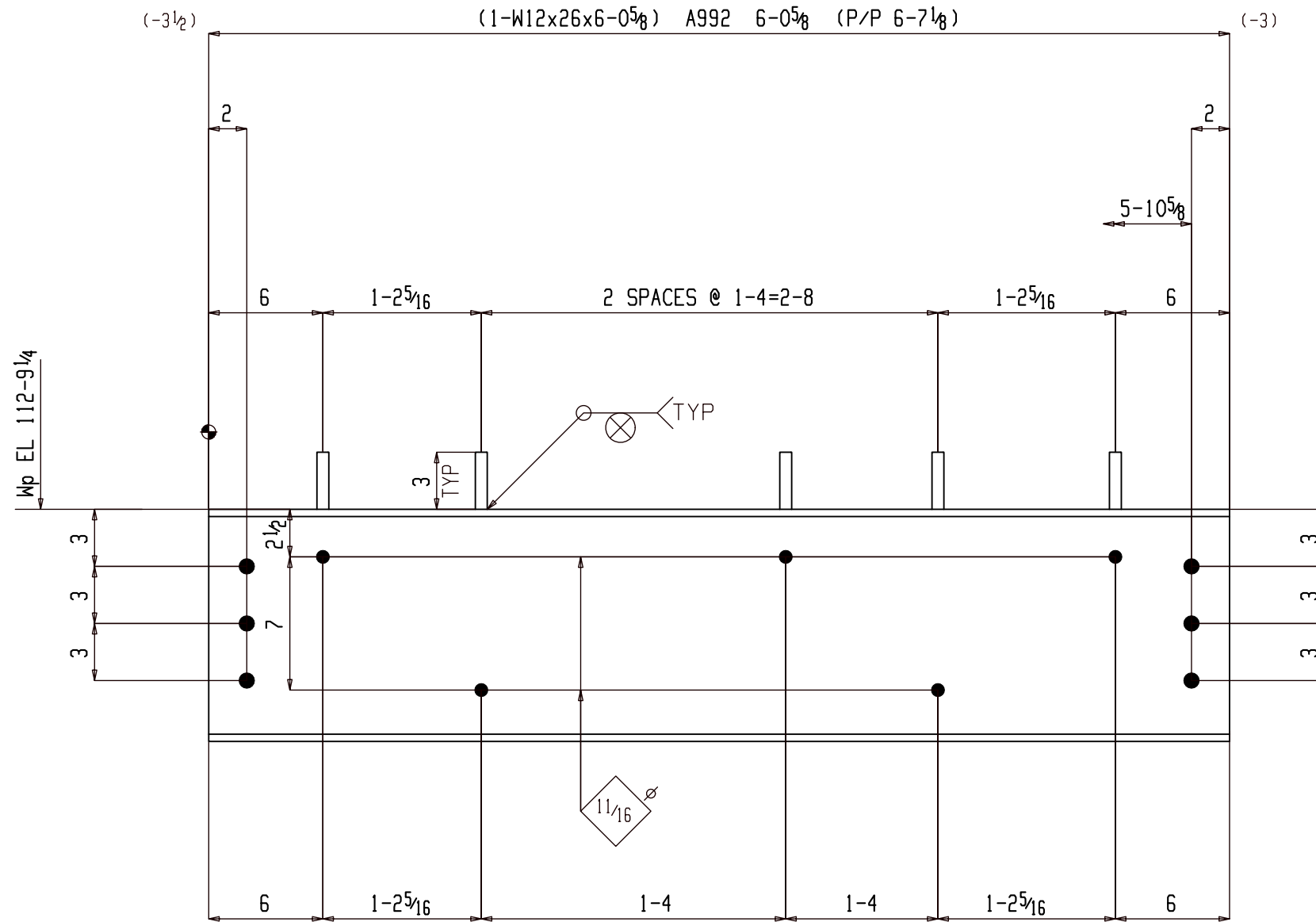
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWER	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	02B246







ONE BEAM 02B248

W 12<sup>3</sup>/<sub>16</sub> x 1/4  
 F 6<sup>1</sup>/<sub>2</sub> x 3/8  
 K 1<sup>1</sup>/<sub>16</sub> x 1<sup>3</sup>/<sub>16</sub>

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
 DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

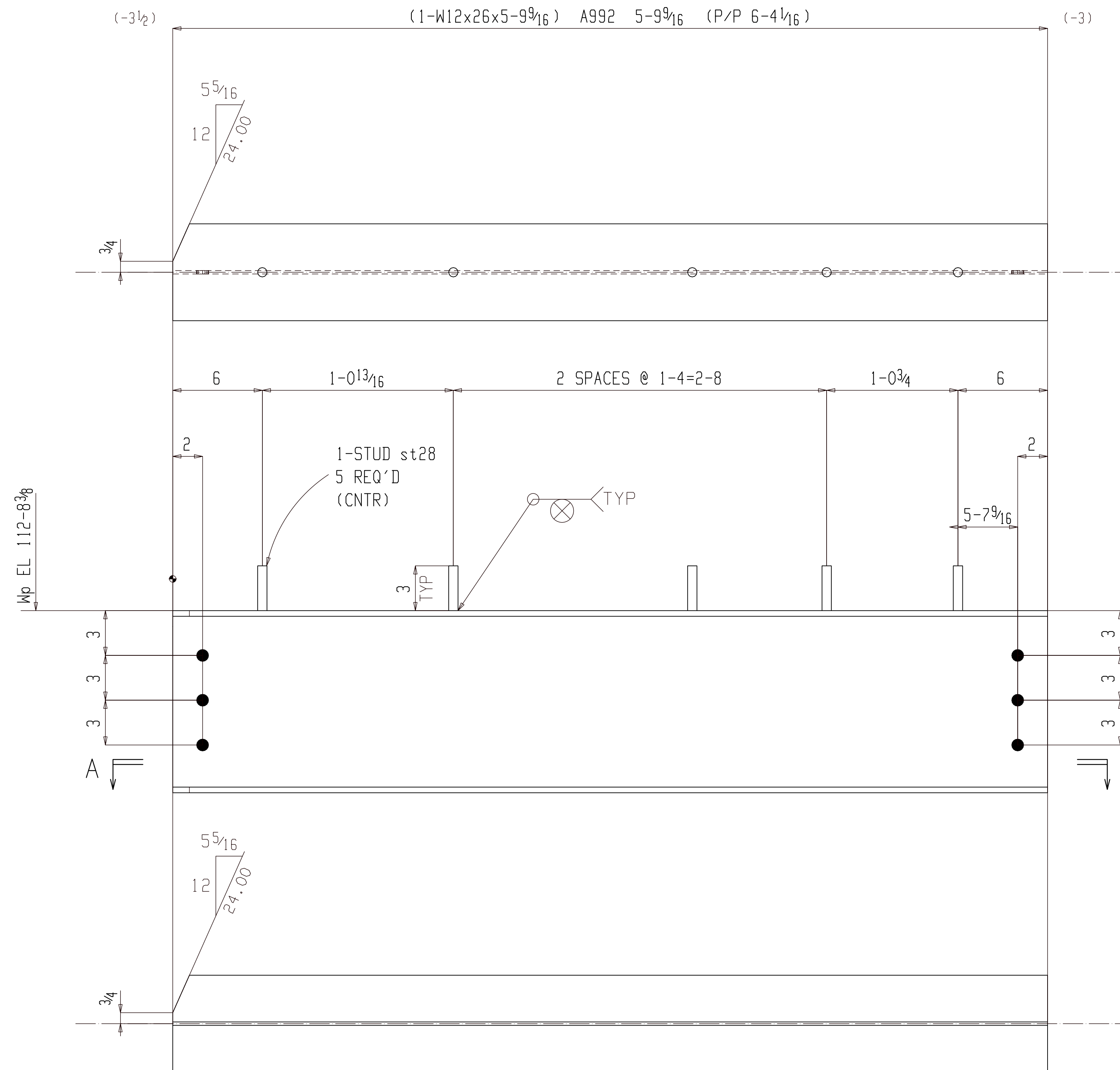
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B248		BEAM				159	159
1		02B248	W12x26	A992		6-0 <sup>5</sup> / <sub>8</sub>	157	157
5		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	1
FIELD BOLTS								
6			3/4 Dia A325N		+1HD	1 1/2		
5			5/8 Dia A307		+1HD	6		
					WASH			
					WASH			

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT				02B248	



Section A-A  
02B249

ONE BEAM 02B249

W | 12<sup>3</sup>/<sub>16</sub> x 1/4  
F | 6 1/2 x 3/8  
K | 1 1/16 x 13/16

(E REFER: E203)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B249		BEAM	A992		5-9 <sup>9</sup> / <sub>16</sub>	152	152
1		02B249	TWS <sup>5</sup> / <sub>8</sub>	A992		5-9 <sup>9</sup> / <sub>16</sub>	151	151
5		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	1
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH		1 1/2	

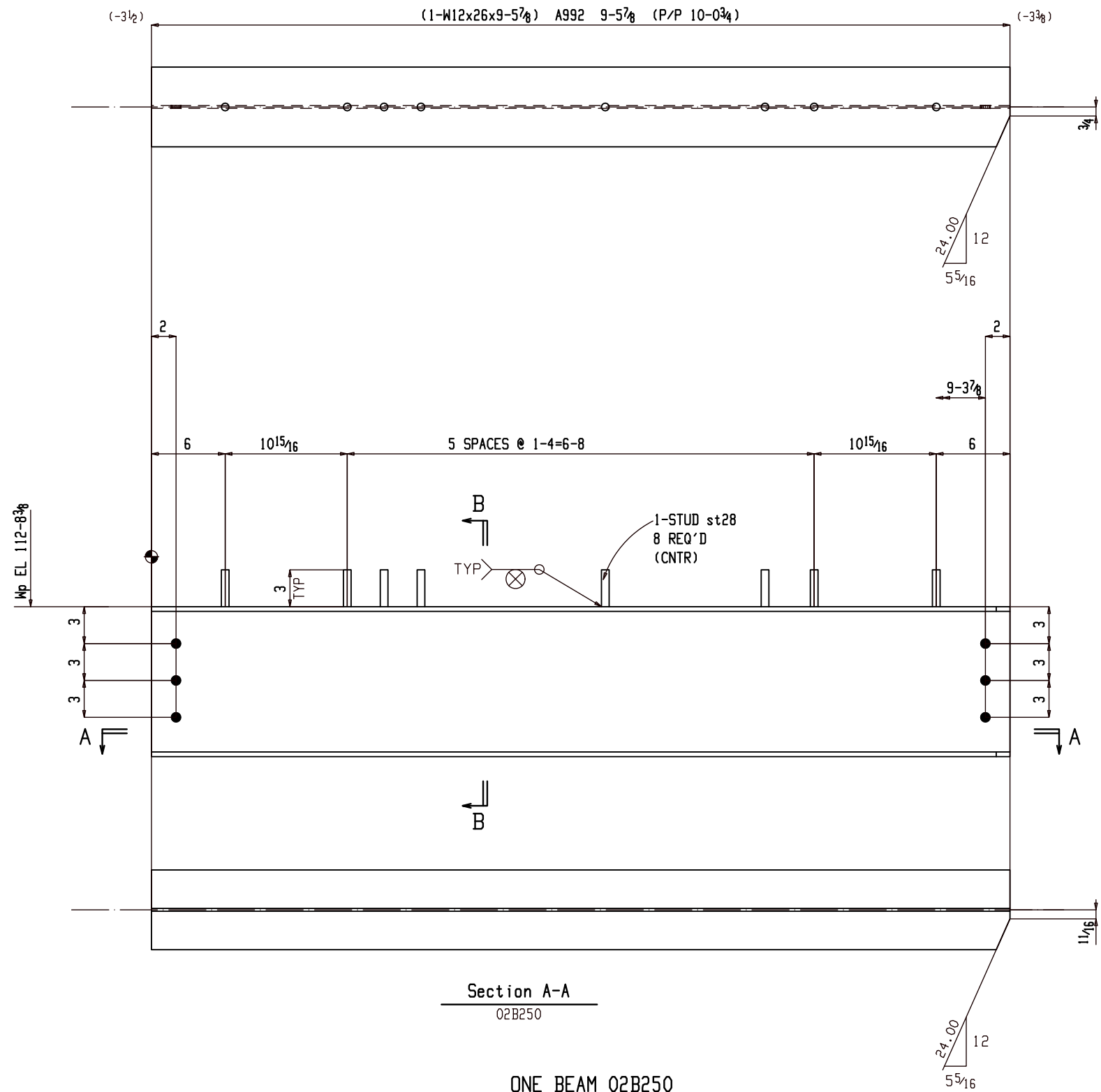
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B249
APPROVED	04-04-22				



Section A-A  
02B250

**ONE BEAM 02B250**

W	12 3/16 x 1/4
F	6 1/2 x 3/8
K	1 1/16 x 13/16

(E REFER: E203)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B250		BEAM				249	249
1		02B250	W12x26	A992		9-5 7/8	247	247
8		st28	TWS 5/8	A108		3	0	2
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 1/2		

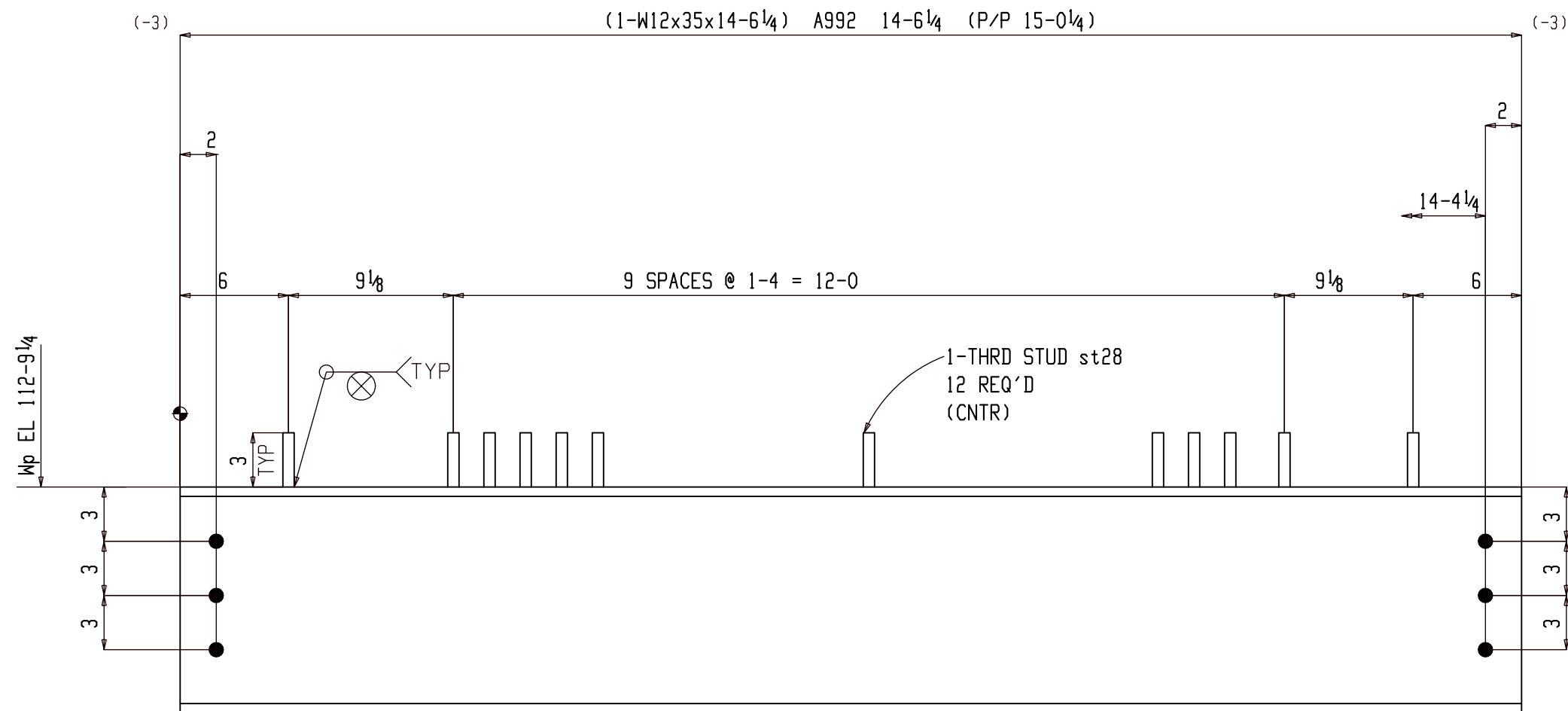
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME		MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION		GREAT FALLS, MONTANA	DWG NO	02B250
CHECKER		ALN					
APPROVED		04-04-22					



ONE BEAM 02B251

W	12 1/2 x 5/16
F	6 9/16 x 1/2
K	1 3/16 x 1 3/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B251		BEAM				511	511
1		02B251	W12x35	A992		14-6 1/4	508	508
12		st28	TWS 5/8	A108		3	0	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 3/4		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

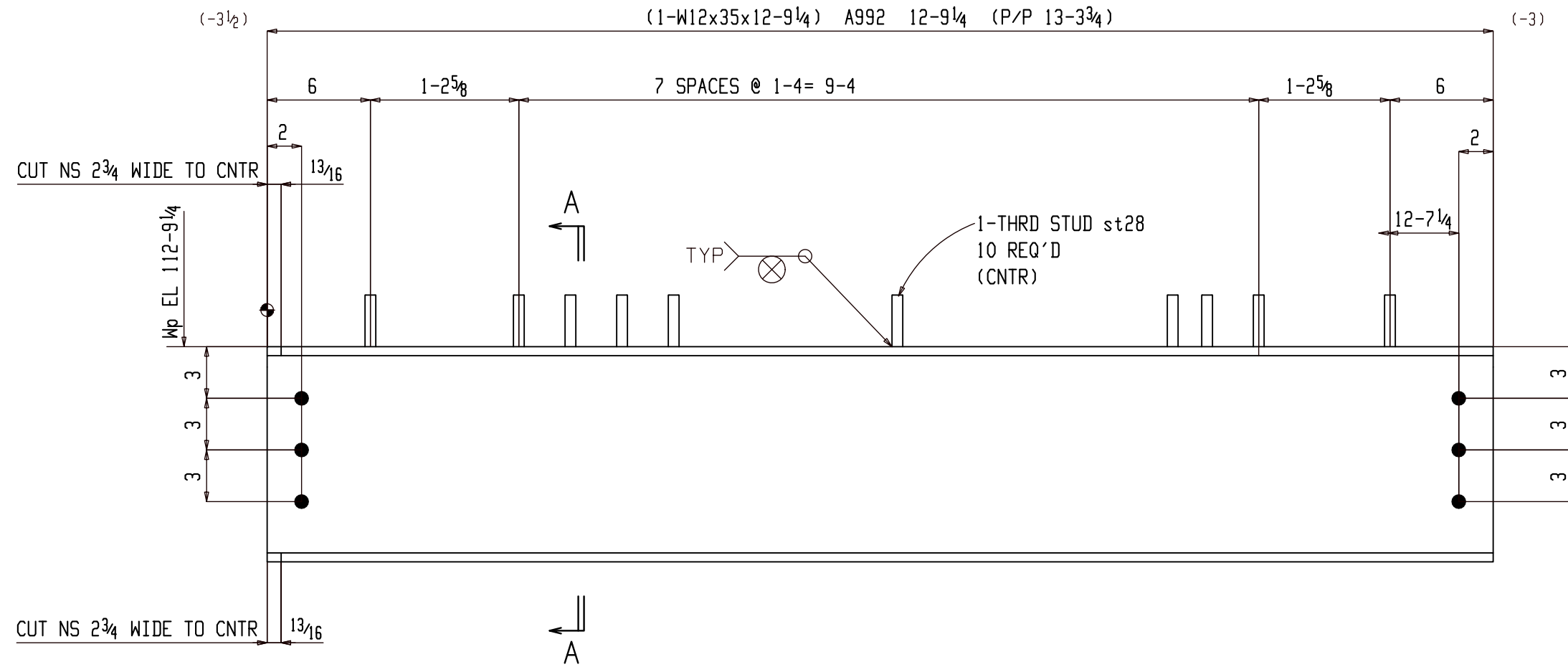
HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT			PROJECT NO	2210
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	
CHECKER	ALN		DWG NO	02B251
APPROVED	04-04-22			

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B252		BEAM				450	450
1		02B252	W12x35	A992		12-9 <sup>1</sup> / <sub>4</sub>	447	447
10		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	2		



### ONE BEAM 02B252

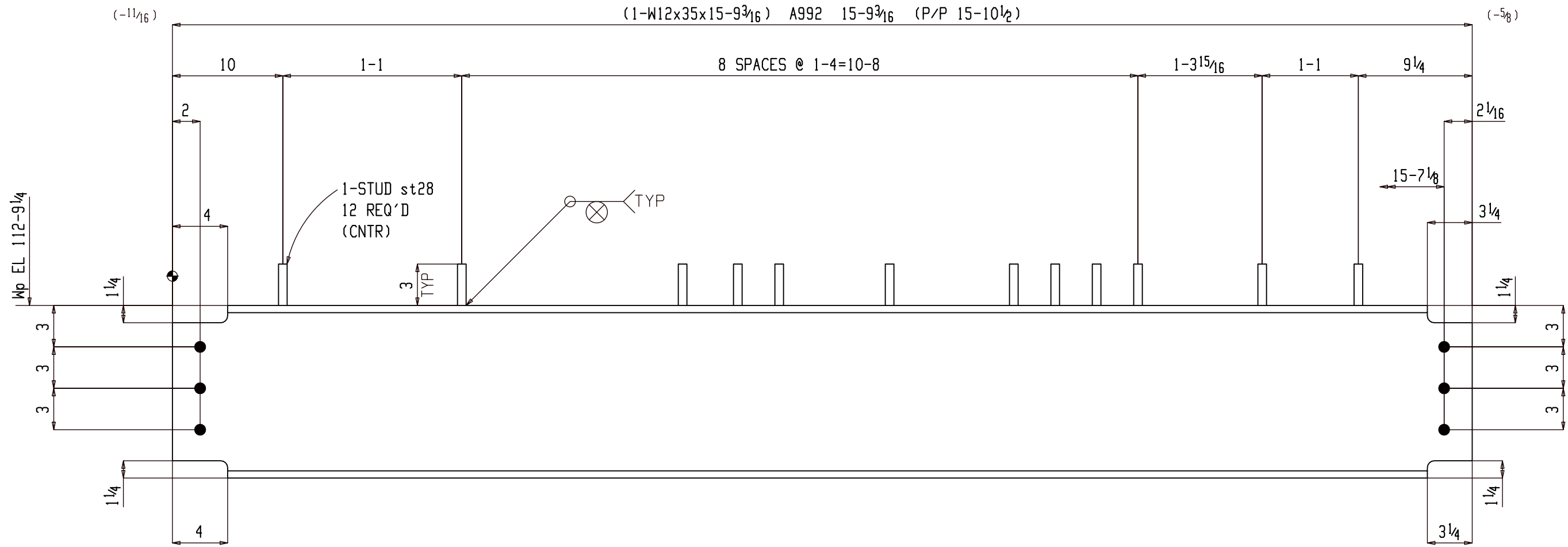
W	12 <sup>1</sup> / <sub>2</sub> x <sup>5</sup> / <sub>16</sub>
F	6 <sup>9</sup> / <sub>16</sub> x <sup>1</sup> / <sub>2</sub>
K	1 <sup>3</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	<sup>13</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT PROJECT NO 2210 JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA			PROJECT NO 2210 JOB NO 02B252

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B253		BEAM					555
1		02B253	W12x35	A992		15-9 <sup>3</sup> / <sub>16</sub>	552	552
12		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
			FIELD BOLTS					
6			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



ONE BEAM 02B253

W 12 1/2 x 5 1/16  
 F 6 9/16 x 1/2  
 K 1 3/16 x 1 3/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
 DRYING METAL PRIMER- 1753 GRAY

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

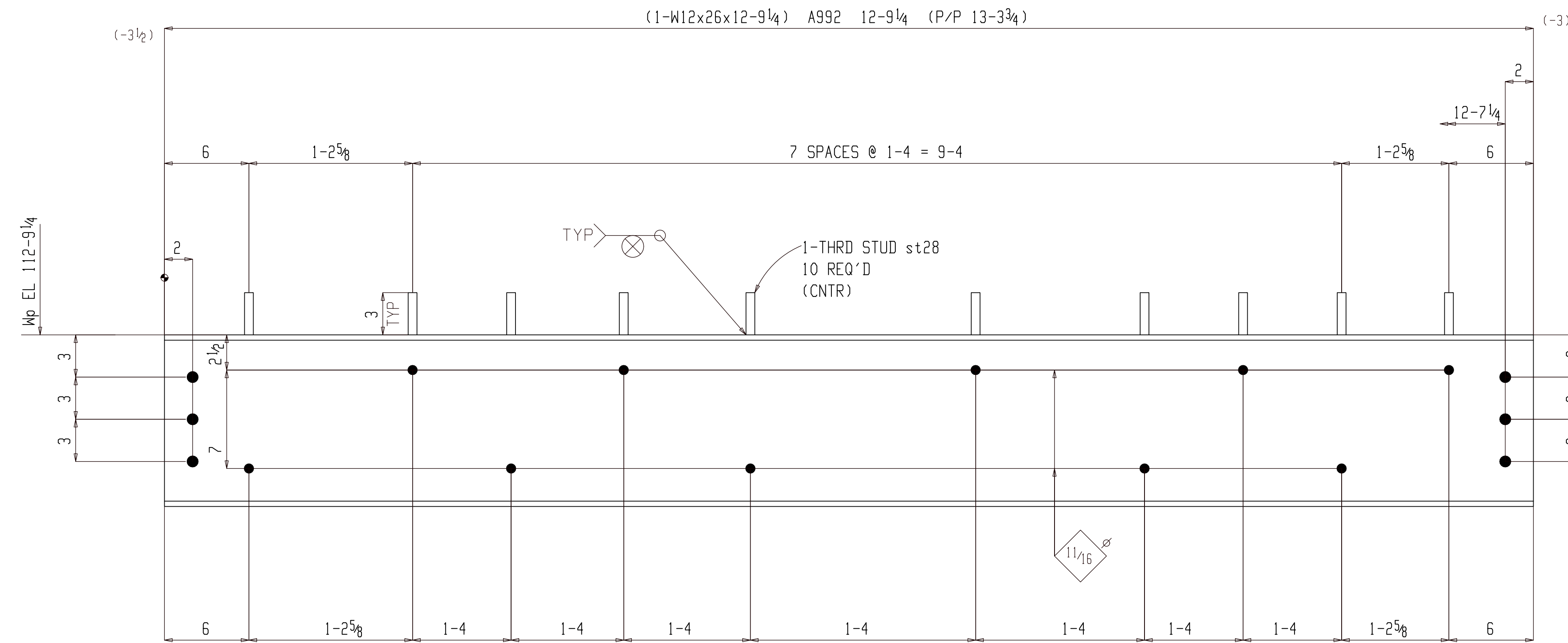
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		02B253	
CHECKER		ALN									
APPROVED		04-04-22									

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B254		BEAM				335	335
1		02B254	W12x26	A992		12-9 1/4	332	332
10		st28	TWS 5/8	A108		3	0	3
FIELD BOLTS								
3			3/4 Dia A325N		+2HD WASH		1 3/4	
3			3/4 Dia A325N		+1HD WASH		1 1/2	
10			5/8 Dia A307		+1HD WASH		6	



**ONE BEAM 02B254**

W	12 3/16 x 1/4
F	6 1/2 x 3/8
K	1 1/16 x 1 3/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

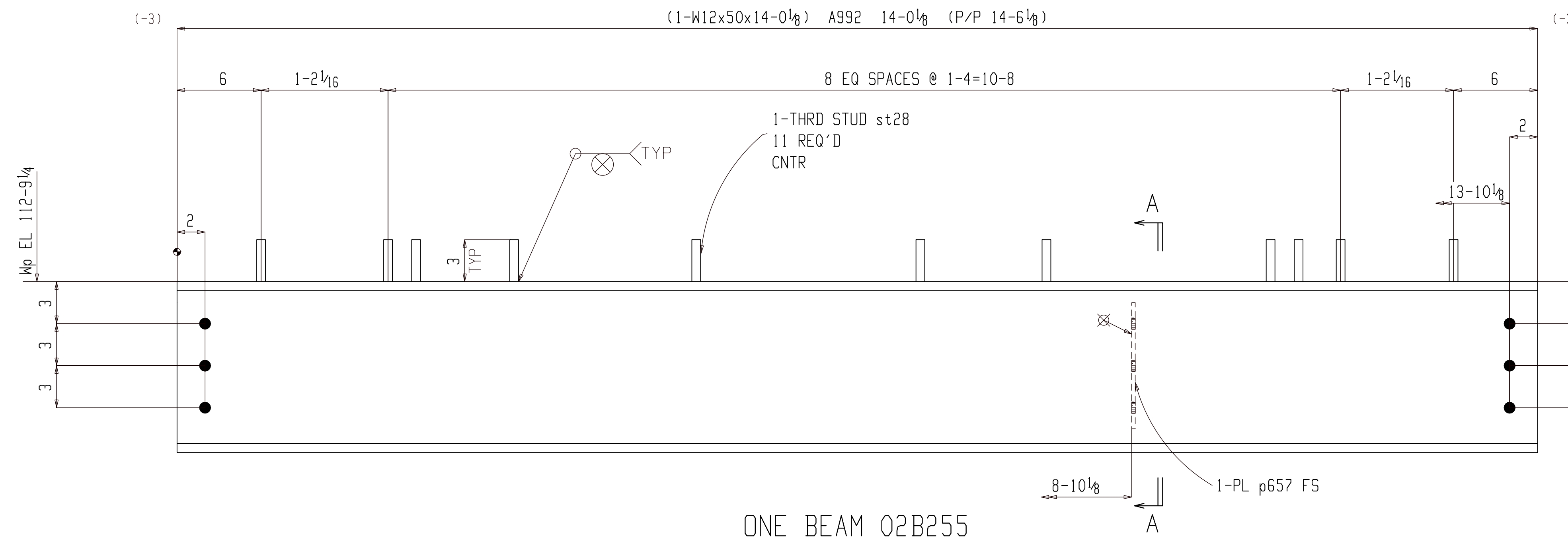
HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	2210	REV	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	DWG NO	02B254
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B255		BEAM				706	706
1		02B255	W12x50	A992		14-0 <sup>1</sup> / <sub>8</sub>	701	701
11		st28	TWS <sup>3</sup> / <sub>8</sub>	A108		3	0	3
1		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3
			FIELD BOLTS					
6			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		

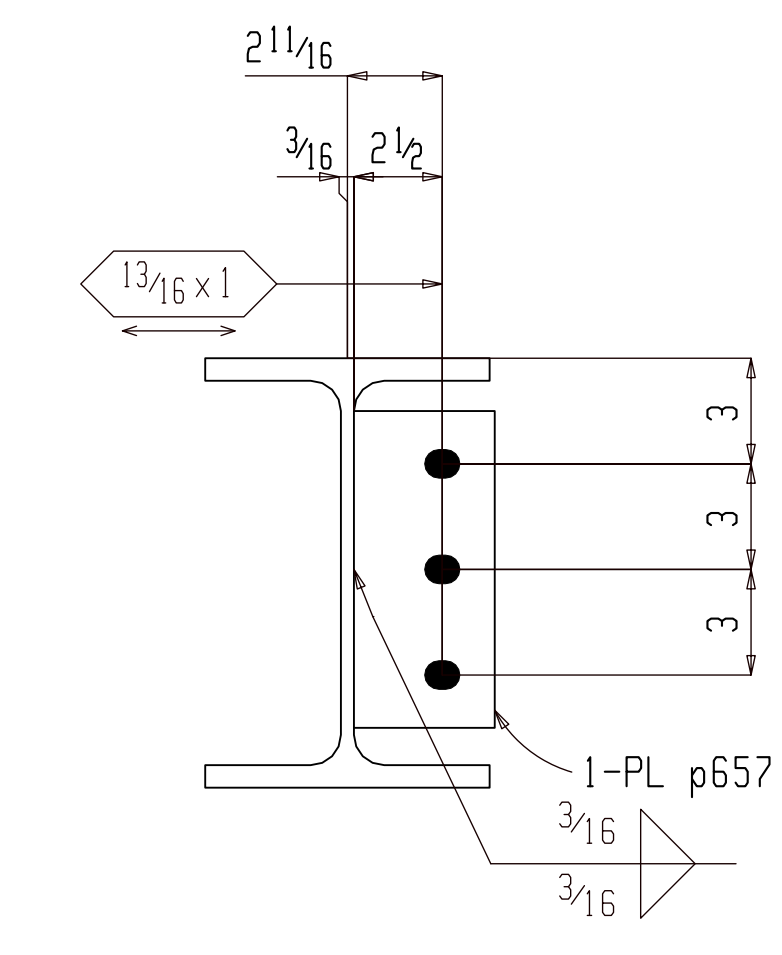


**ONE BEAM 02B255**

W	12 <sup>3</sup> / <sub>16</sub> x <sup>3</sup> / <sub>8</sub>
F	8 <sup>1</sup> / <sub>16</sub> x <sup>3</sup> / <sub>8</sub>
K	1 <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>16</sub>

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY



**Section A-A**

02B255

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	<sup>13</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

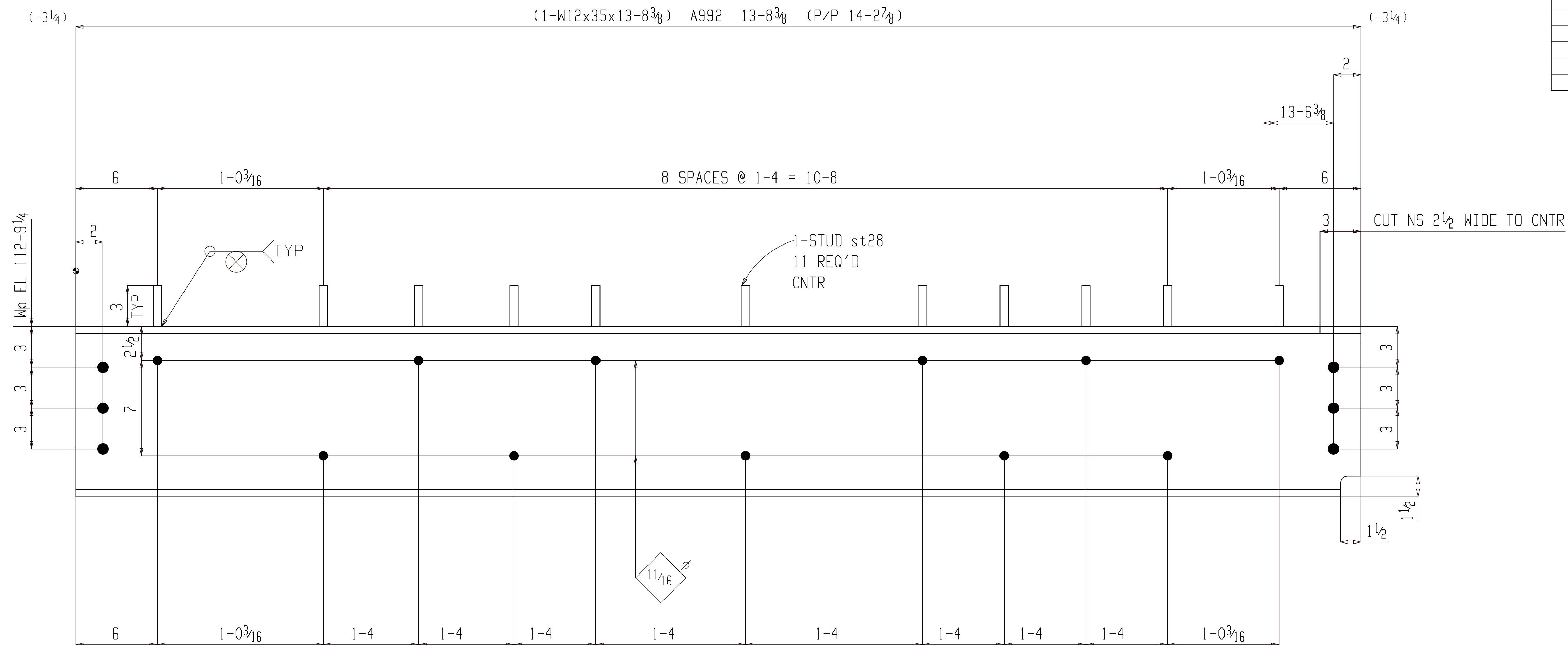


GENERAL ARRANGEMENT			PROJECT NO	REV
DRAWER	AKM	JOB NAME	2210	A
DATE	04-04-22	JOB LOCATION	MILWAUKEE STATION APARTMENTS	
CHECKER	ALN			
APPROVED	04-04-22			
			DWG NO	
			02B255	



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B256		BEAM				482	482
1		02B256	W12x35	A992		13-8 <sup>3</sup> / <sub>8</sub>	479	479
11		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD	1 <sup>3</sup> / <sub>4</sub>		
					WASH			
11			5/8 Dia A307		+1HD	6		
					WASH			



**ONE BEAM 02B256**

W	12 1/2 x 5 1/16
F	6 9/16 x 1/2
K	1 3/16 x 1 3/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

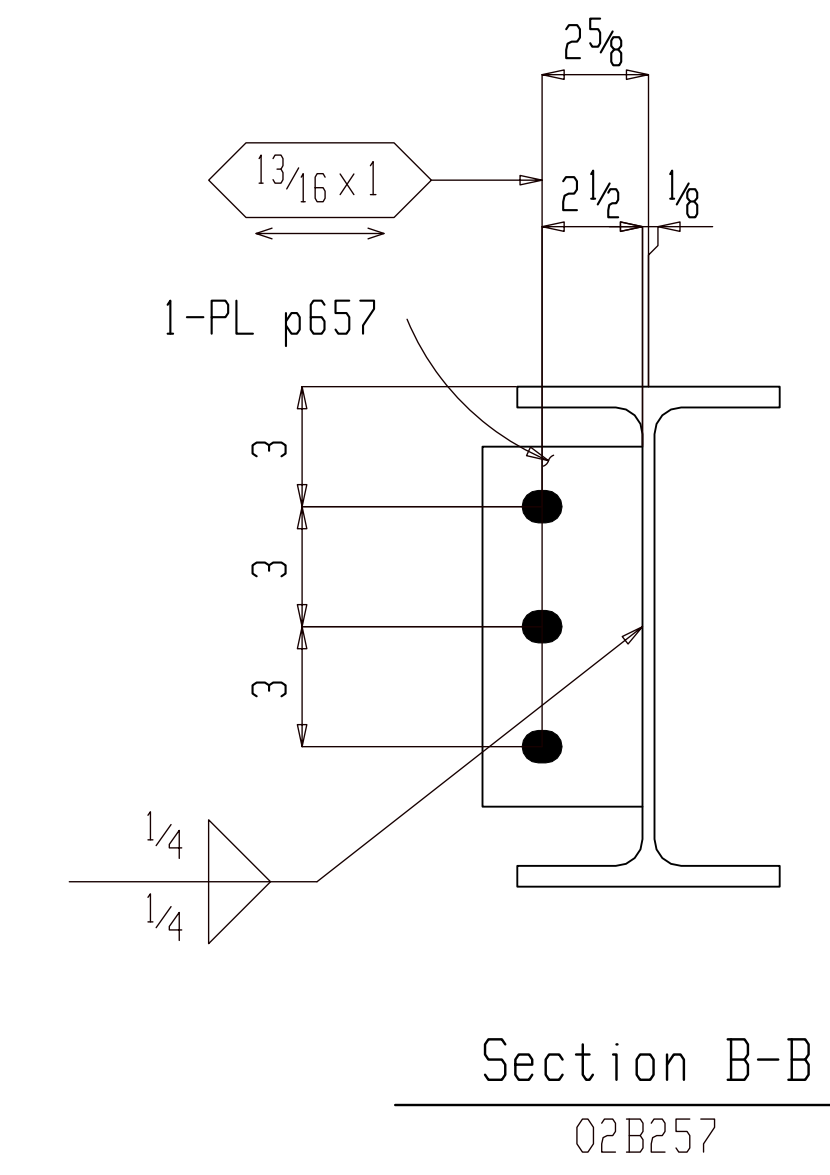
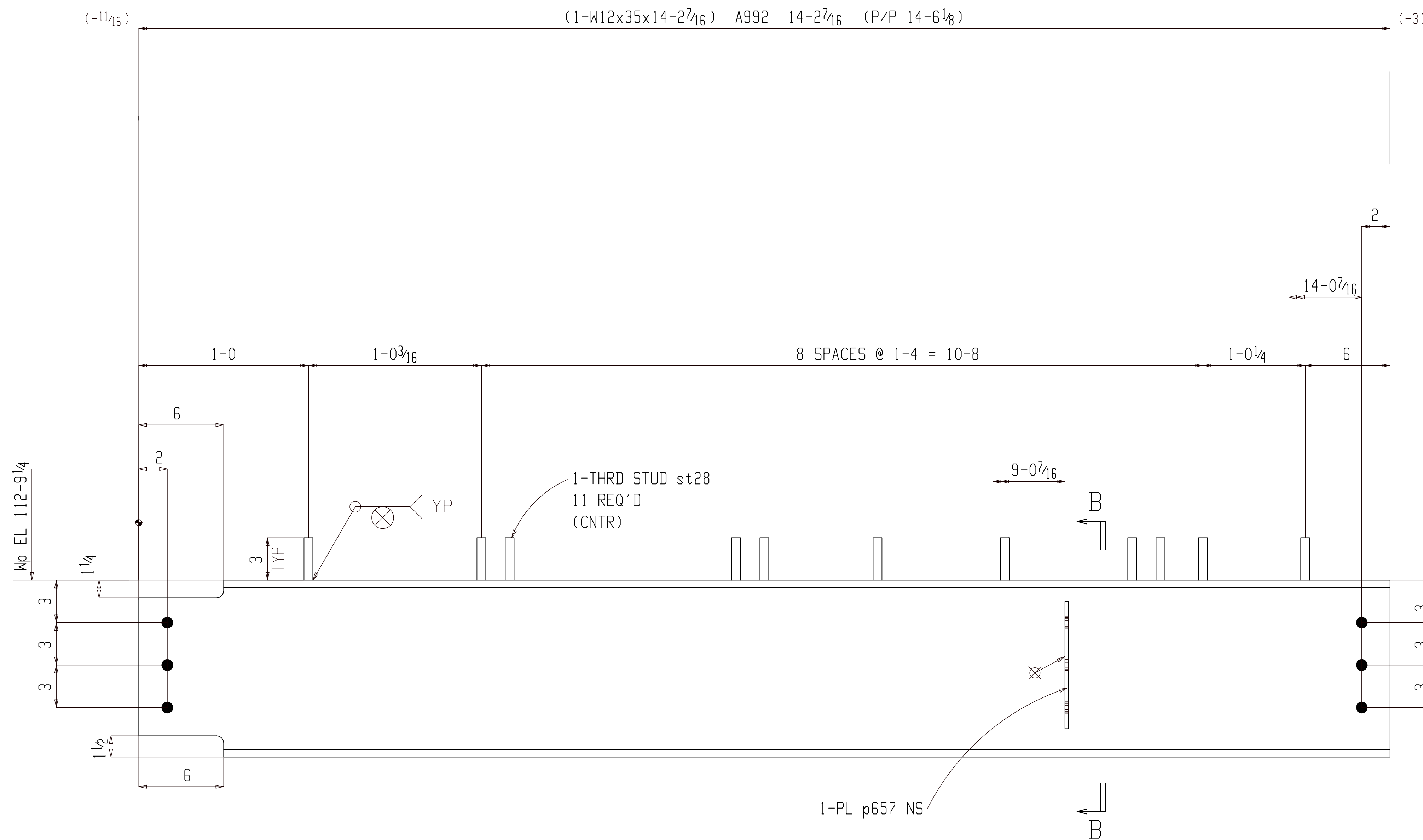
HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	02B256

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B257		BEAM				503	503
1		02B257	W12x35	A992		14-27/16	497	497
11		st28	TWS <sup>5/8</sup>	A108		3	0	3
1		p657	PL 1/4x4	A36		9	3	3
			FIELD BOLTS					
6			3/4 Dia A325N		+1HD WASH	13/4		



**ONE BEAM 02B257**

W	12 1/2 x 5/16
F	6 9/16 x 1/2
K	13/16 x 13/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

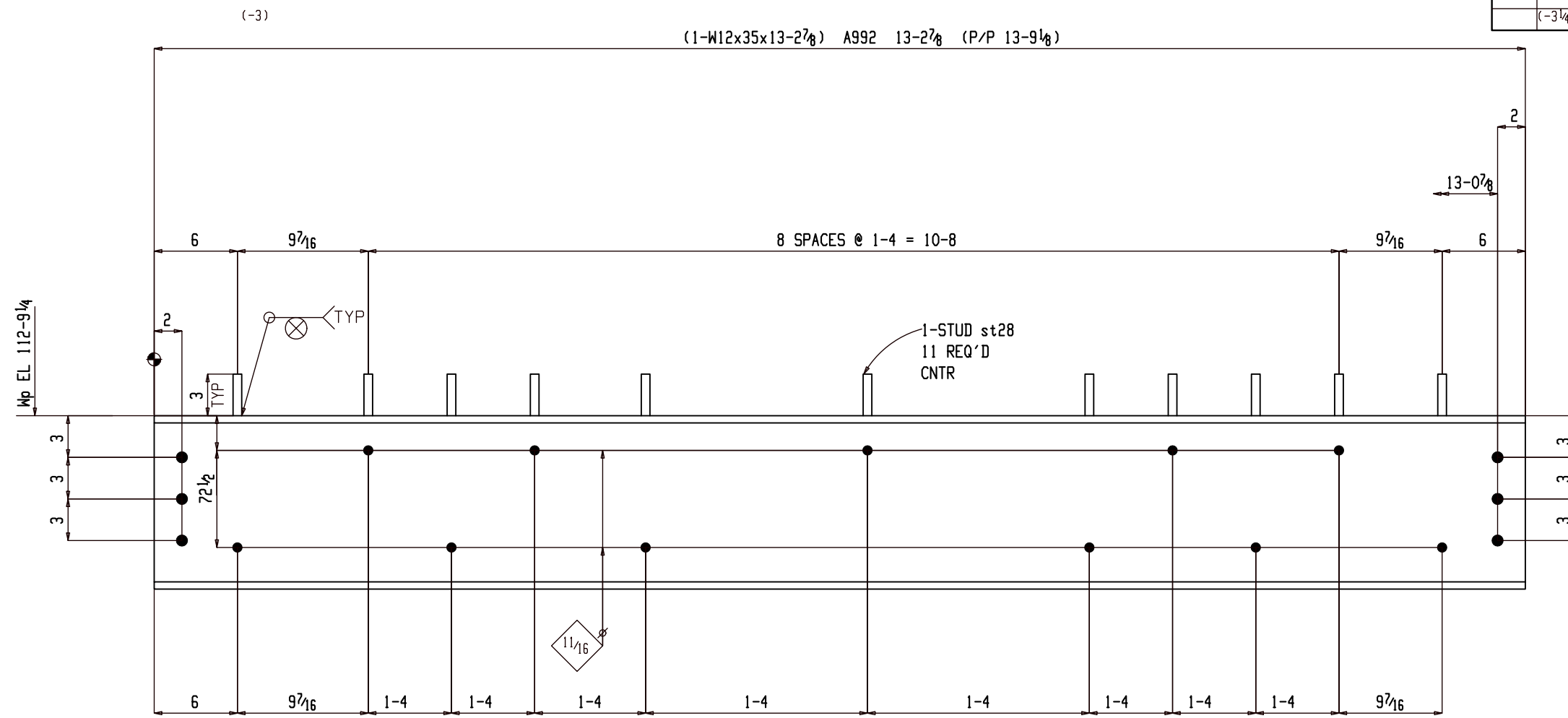
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	02B257

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B258		BEAM				466	466
1		02B258	W12x35	A992		13-27/8	463	463
11		st28	TWS5/8	A108		3	0	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	13/4		
11			5/8 Dia A307		+1HD WASH	6		
(-3/4)								



(-3) (1-W12x35x13-27/8) A992 13-27/8 (P/P 13-9 1/8)

#### ONE BEAM 02B258

W 12 1/2 x 5 1/16  
 F 6 9/16 x 1/2  
 K 1 3/16 x 1 3/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
 DRYING METAL PRIMER- 1753 GRAY

#### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

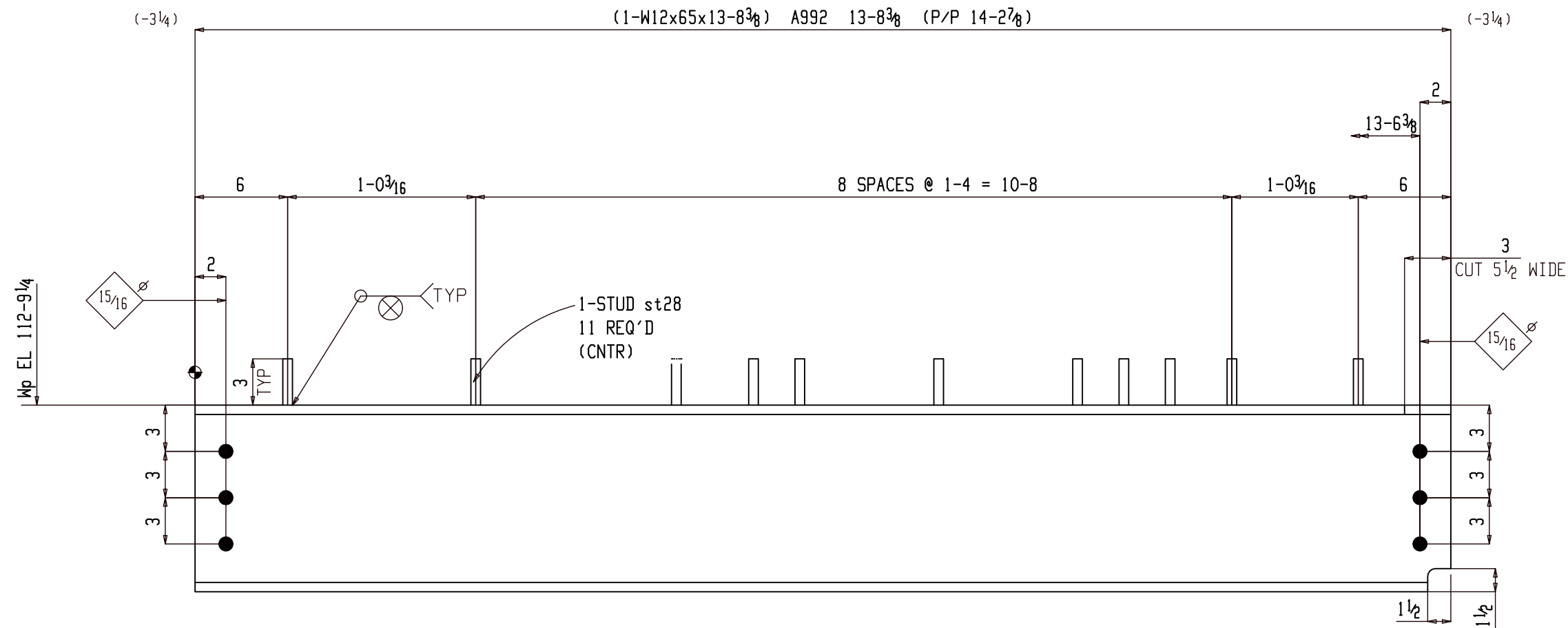
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT				02B258	

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B259		BEAM				893	893
1		02B259	W12x65	A992		13-8 <sup>3</sup> / <sub>8</sub>	890	890
11		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			7/8 Dia A490N		+1HD WASH	2 <sup>1</sup> / <sub>4</sub>		



### ONE BEAM 02B259

W 12<sup>1</sup>/<sub>8</sub>x<sup>3</sup>/<sub>8</sub>

F 12x<sup>5</sup>/<sub>8</sub>

K 1<sup>1</sup>/<sub>2</sub>x1<sup>1</sup>/<sub>16</sub>

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

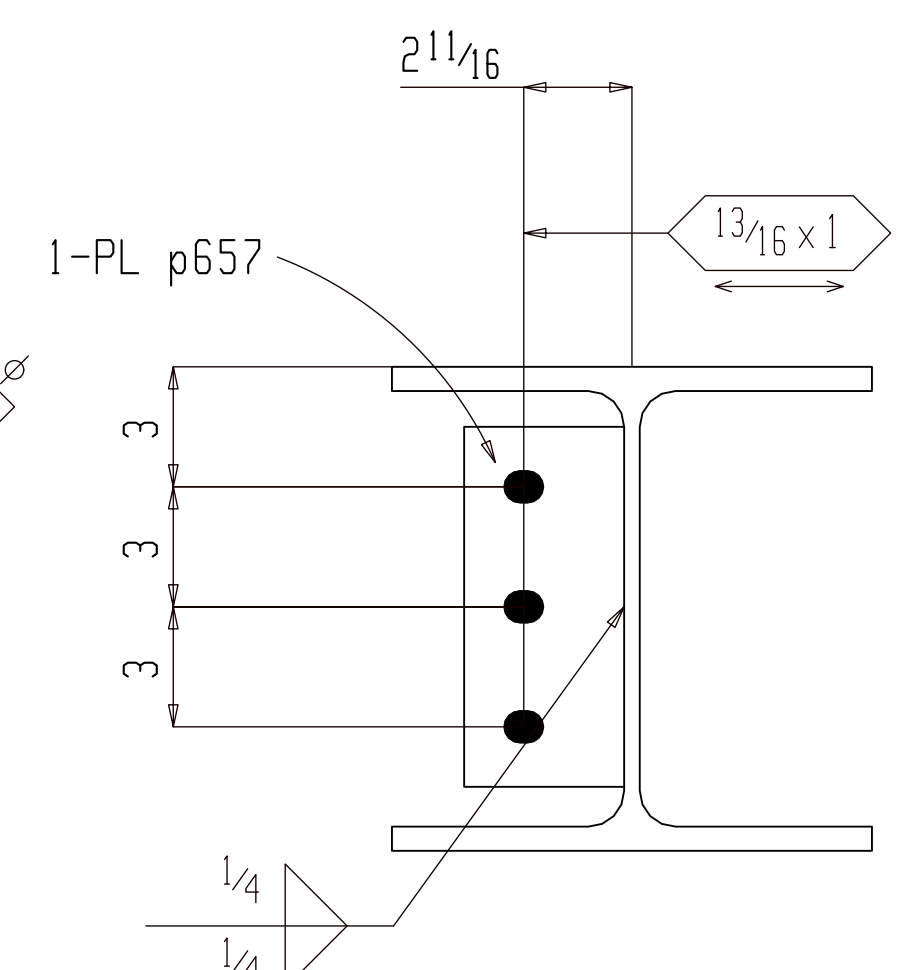
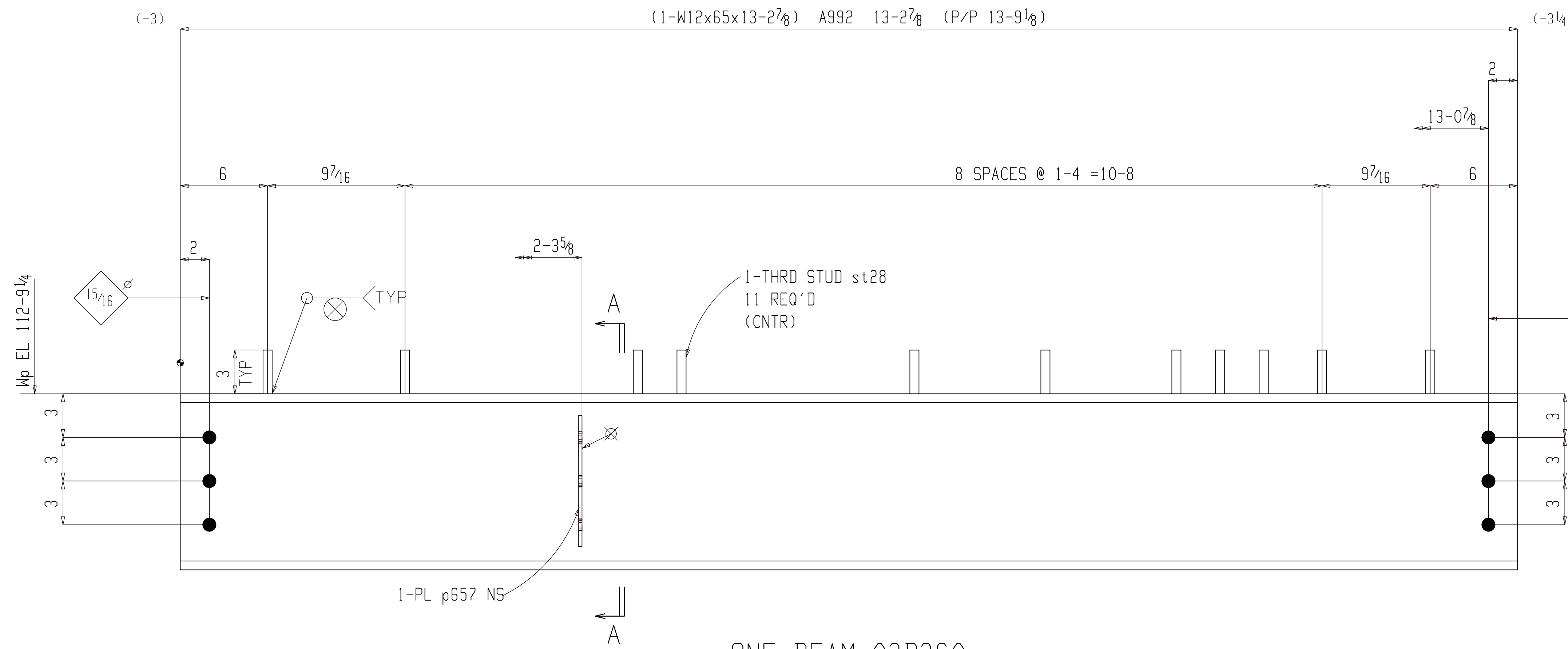
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
APPROVED		JOB LOCATION		DWG NO	
				02B259	

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B260		BEAM				866	866
1		02B260	W12x65	A992		13-27/8	861	861
1		p657	PL1/4x4	A36		9	3	3
11		st28	TWS5/8	A108		3	0	3
FIELD BOLTS								
6			7/8 Dia A490N		+1HD WASH		21/4	



Section A-A  
02B260

**ONE BEAM 02B260**

W	12 1/8 x 3/8
F	12 x 5/8
K	1 1/2 x 1 1/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

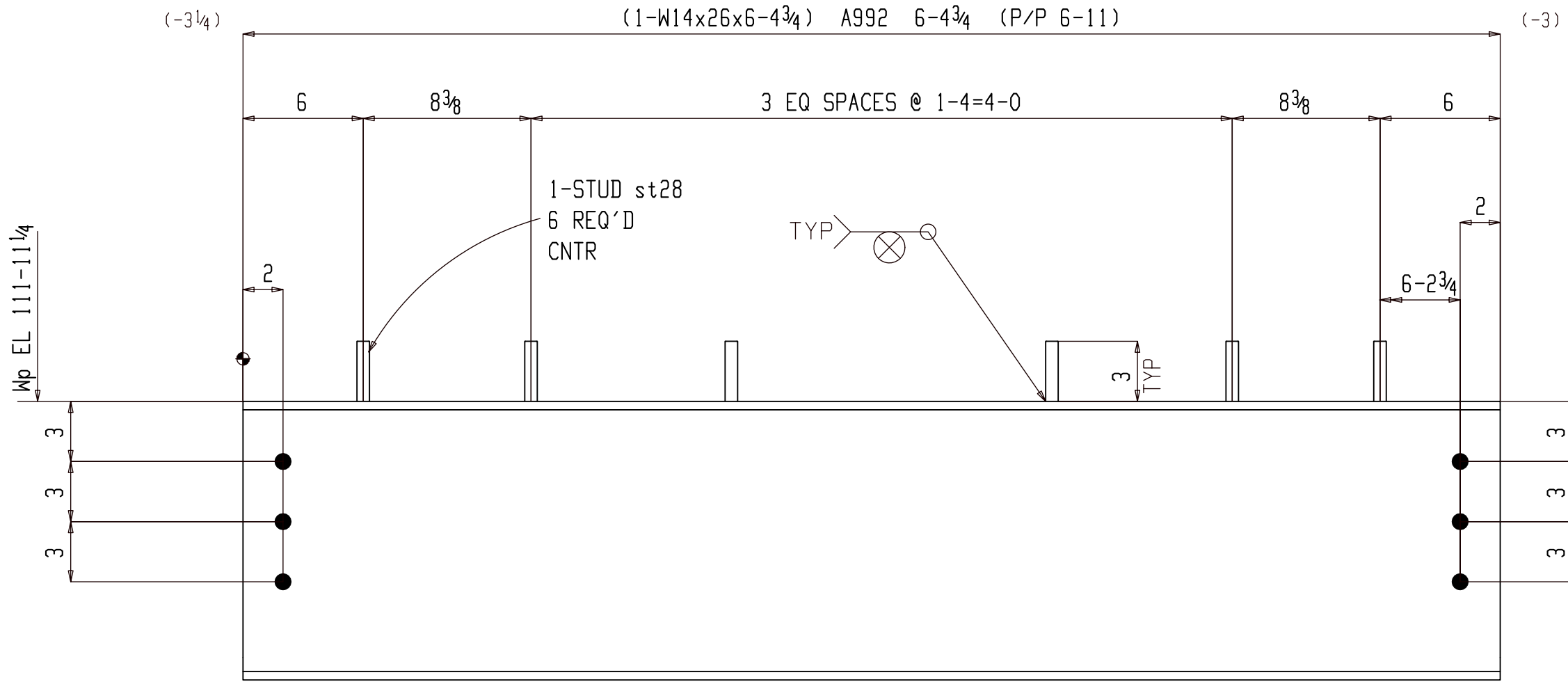
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	2210	REV	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	DWG NO	02B260
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B261		BEAM				168	168
1		02B261	W14x26	A992		6-4 <sup>3</sup> / <sub>4</sub>	166	166
6		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	2
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



### ONE BEAM 02B261

W | 13<sup>7</sup>/<sub>8</sub> x 1/4  
 F | 5 x 7/16  
 K | 1 1/8 x 13/16

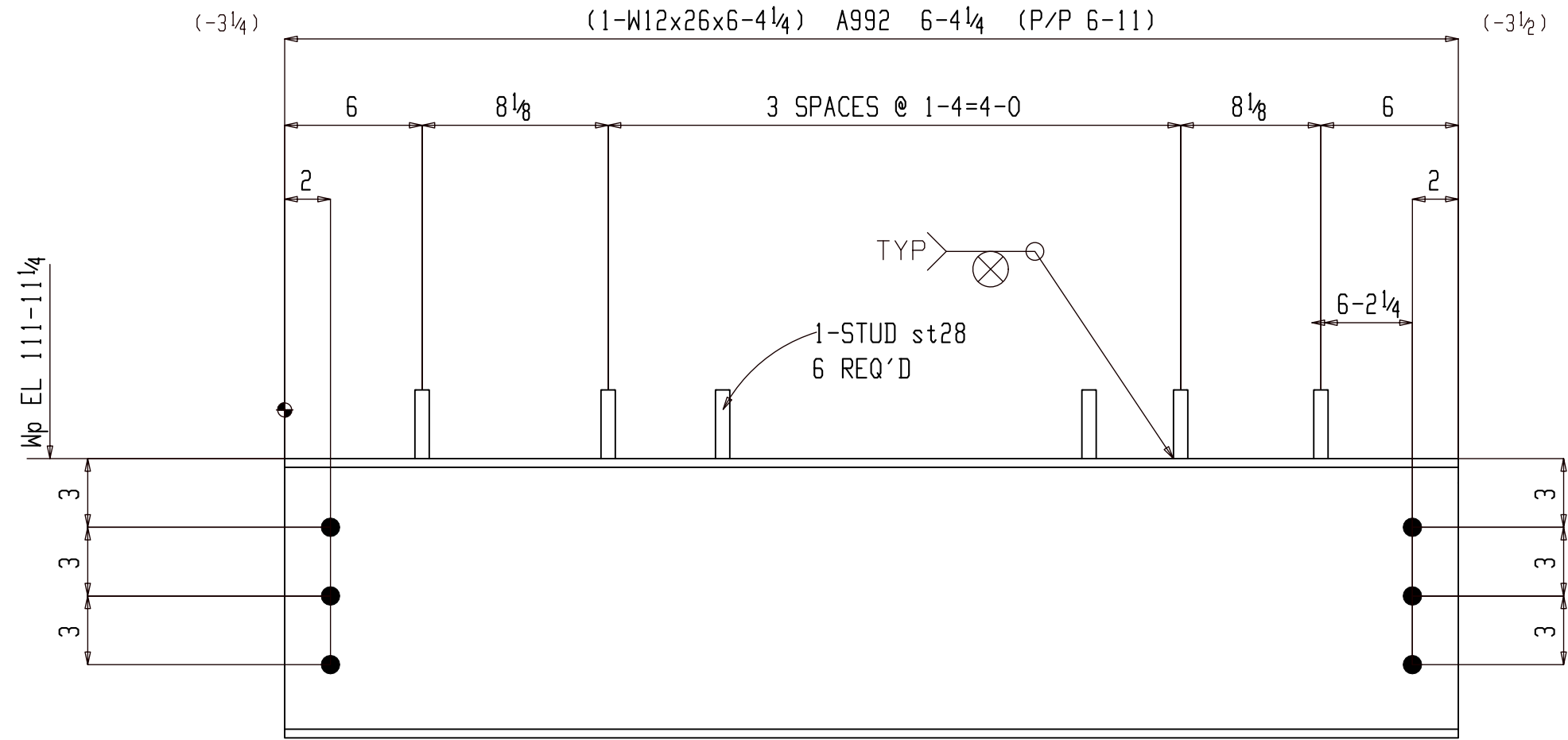
(E REFER: E203)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DATE
			05-06-22

DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B261
CHECKER		ALN				
APPROVED		04-04-22				



ONE BEAM 02B262

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 <sup>1</sup> / <sub>2</sub> x 3/8
K	1 <sup>1</sup> / <sub>16</sub> x 13/16

(E REFER: E203)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B262		BEAM				167	167
1		02B262	W12x26	A992		6-4 <sup>1</sup> / <sub>4</sub>	165	165
6		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	2
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

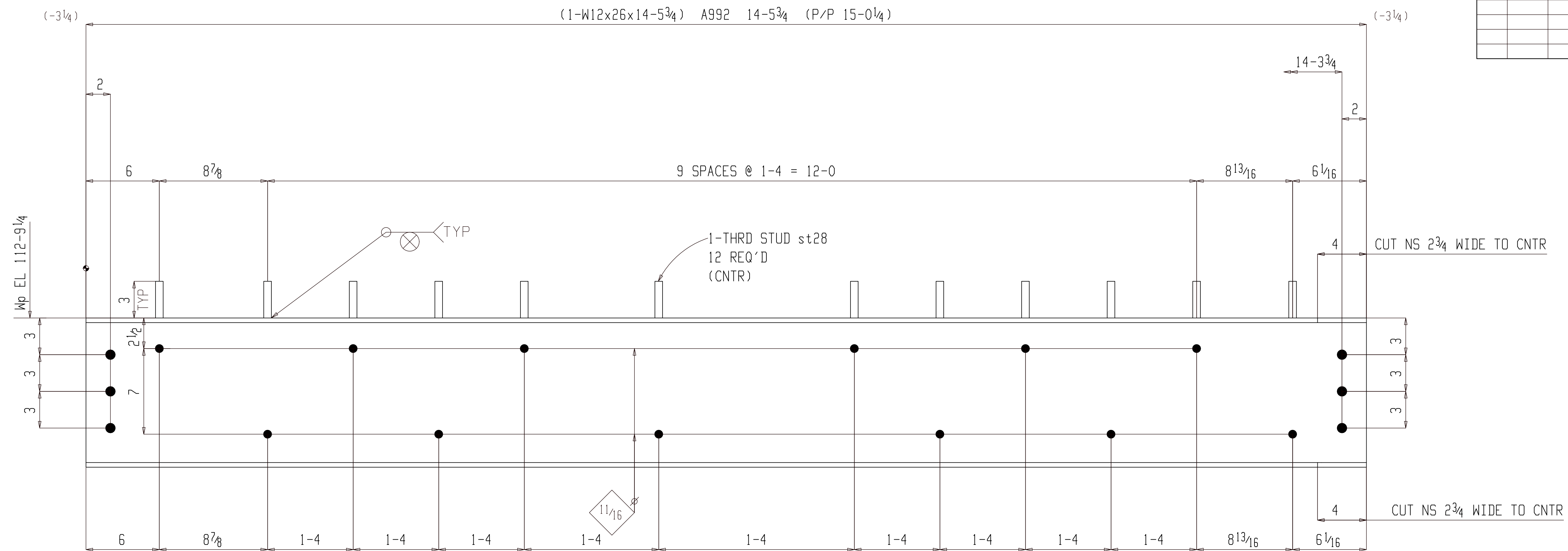
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B262
CHECKER		ALN				
APPROVED		04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight
ONE	02B263		BEAM					380
1		02B263	W12x26	A992		14-5 <sup>3</sup> / <sub>4</sub>		376
12		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD	1 <sup>1</sup> / <sub>2</sub>		
					WASH			
12			<sup>5</sup> / <sub>8</sub> Dia A307		+1HD	4		
					WASH			



**ONE BEAM 02B263**

W	12 <sup>3</sup> / <sub>16</sub> x <sup>1</sup> / <sub>4</sub>
F	6 <sup>1</sup> / <sub>2</sub> x <sup>3</sup> / <sub>8</sub>
K	1 <sup>1</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
REV	DESCRIPTION		DATE

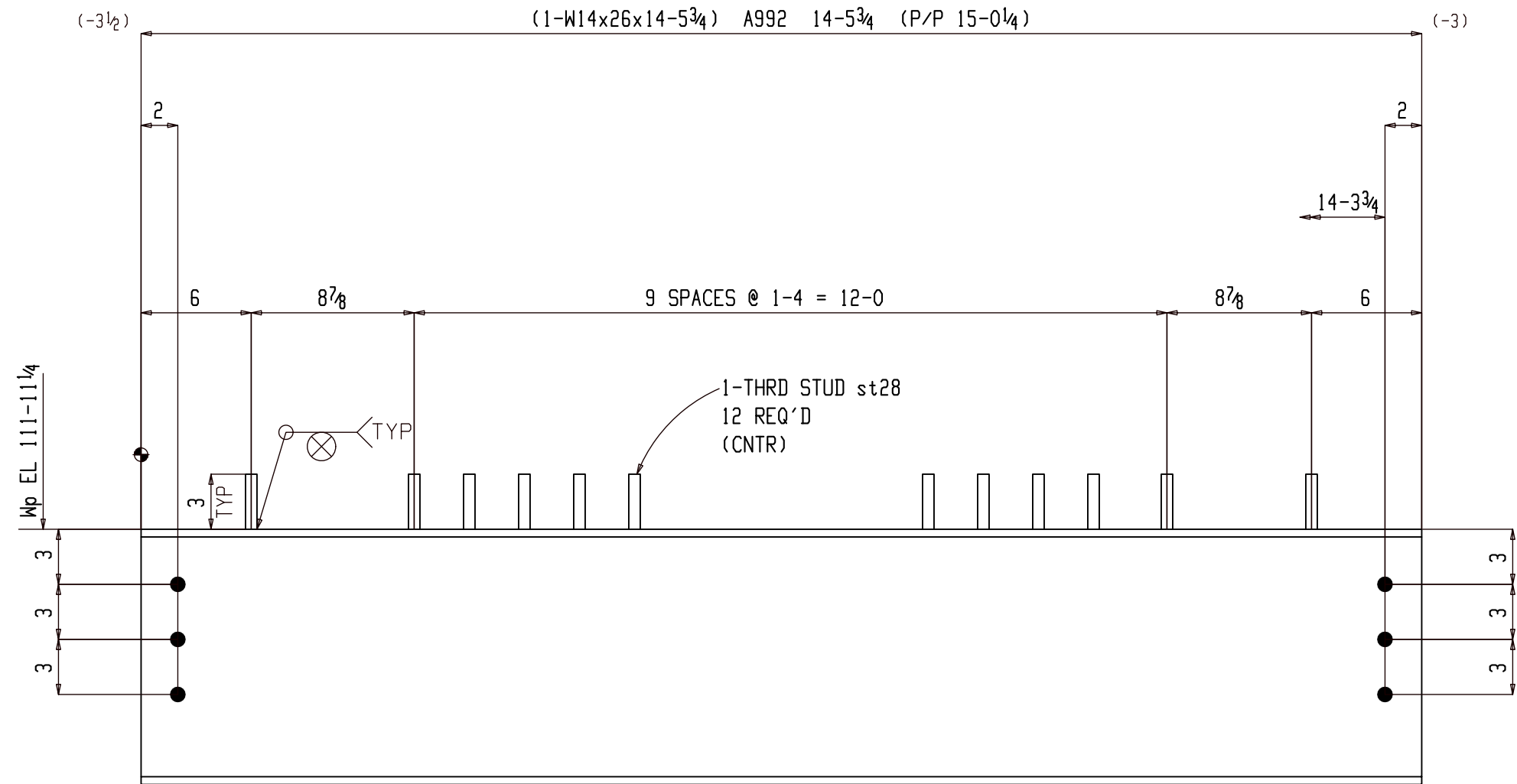


GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO	02B263



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B264		BEAM				380	380
1		02B264	W14x26	A992		14-5 <sup>3</sup> / <sub>4</sub>	376	376
12		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



### ONE BEAM 02B264

W	13 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 x 7/16
K	1 1/8 x 13/16

(E REFER: E203)

1SC PRIMER

### FOR APPROVAL

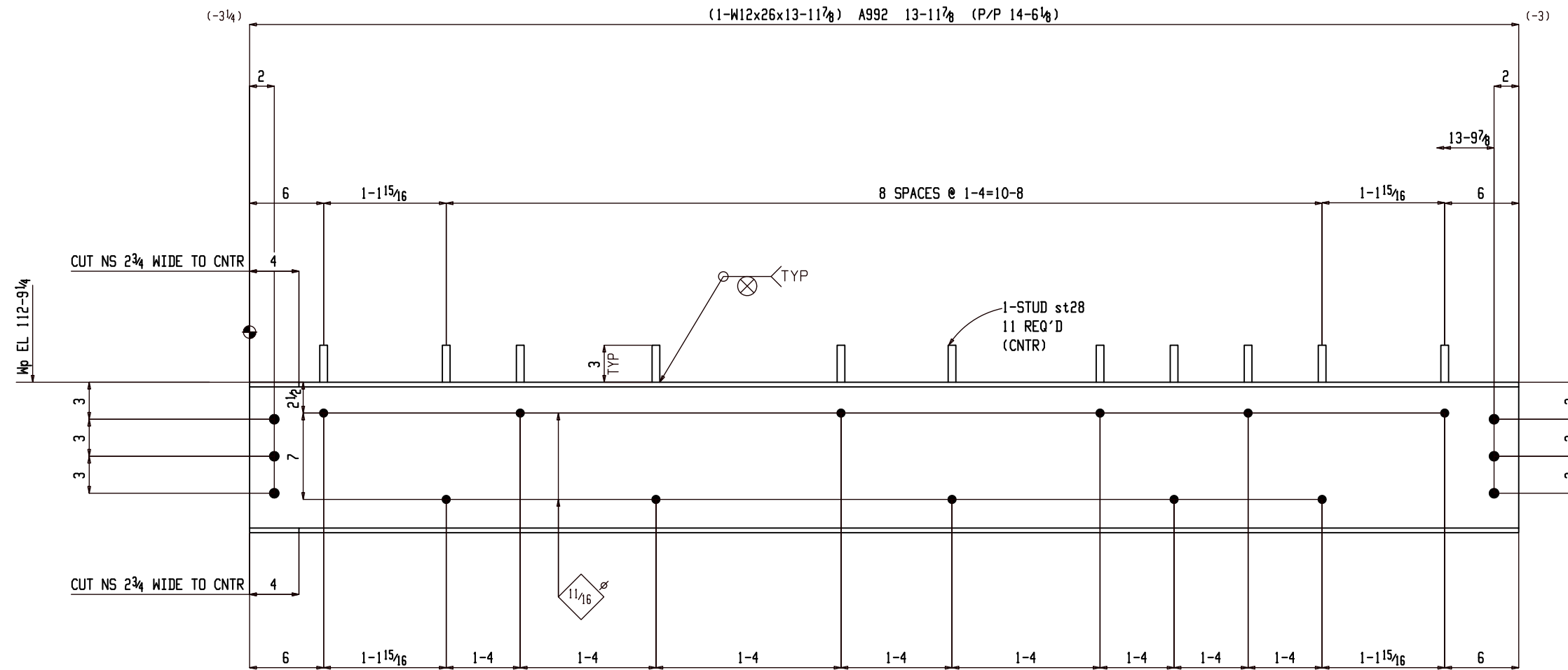
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		02B264	
CHECKER		ALN									
APPROVED		04-04-22									

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B265		BEAM					367
1		02B265	W12x26	A992		13-11 <sup>7</sup> / <sub>8</sub>	364	364
11		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD	11/2		
					WASH			
11			5/8 Dia A307		+1HD	4		
					WASH			



**ONE BEAM 02B265**

W 12<sup>3</sup>/<sub>16</sub> x 1/4  
 F 6<sup>1</sup>/<sub>2</sub> x 3/8  
 K 1<sup>1</sup>/<sub>16</sub> x 13/16

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
 DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

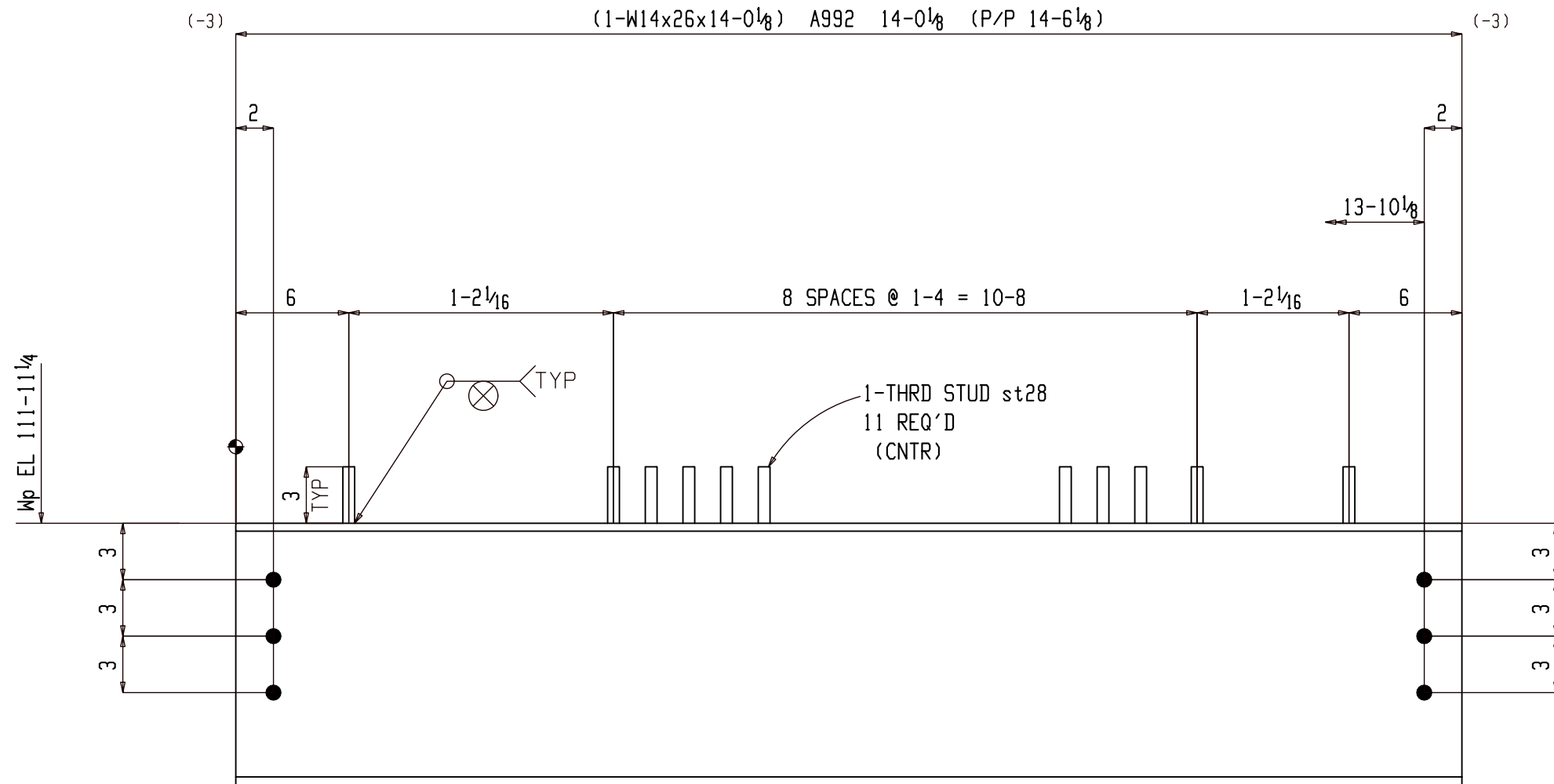
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B265
CHECKER	ALN				
APPROVED	04-04-22				

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B266		BEAM					367
1		02B266	W14x26	A992		14-0 <sup>1</sup> / <sub>8</sub>	364	364
11		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



ONE BEAM 02B266

W	13 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 x 7/16
K	1 1/8 x 13/16

(E REFER: E203)

1SC PRIMER

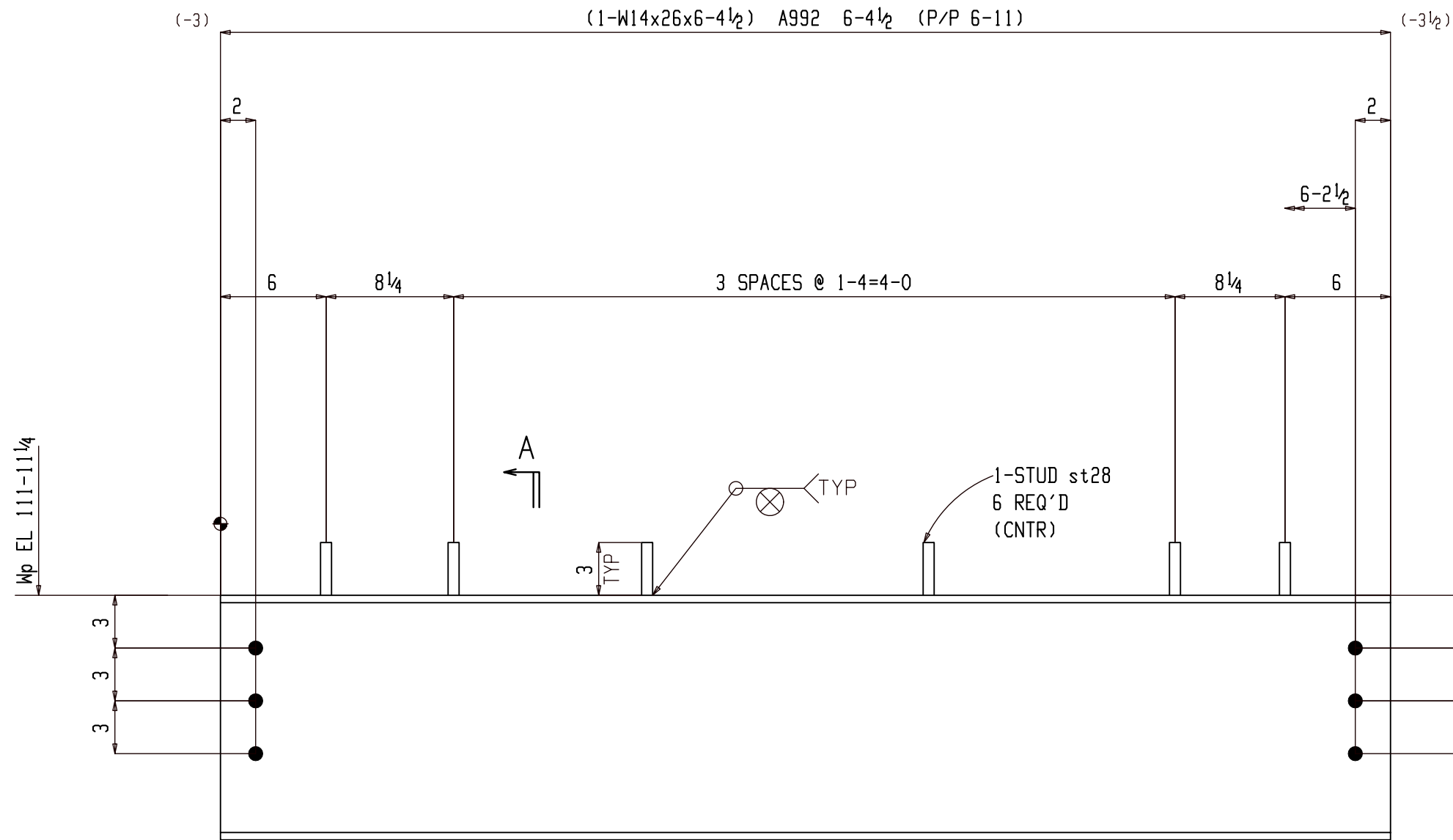
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		02B266	
CHECKER		ALN		APPROVED		04-04-22		REV		A	



A  
ONE BEAM 02B267

W	13 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 x 7/16
K	1 1/8 x 13/16

(E REFER: E203)

1 SC PRIMER

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B267		BEAM					167
1		02B267	W14x26	A992		6-4 1/2	166	166
6		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	2
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 3/4		

**FOR APPROVAL**

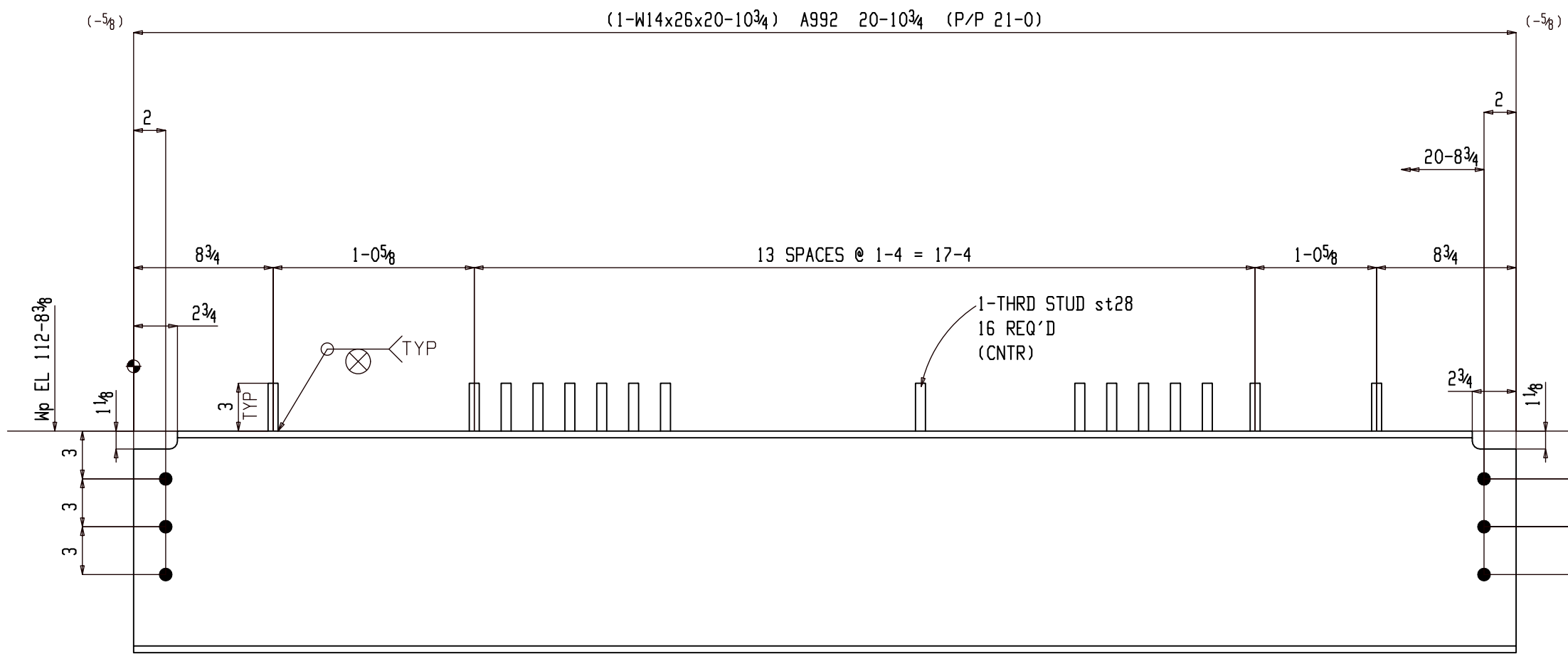
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02B267
CHECKER		ALN				
APPROVED		04-04-22				

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B268		BEAM					547
1		02B268	W14x26	A992		20-10 <sup>3</sup> / <sub>4</sub>	543	543
16		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4
FIELD BOLTS								
6			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



ONE BEAM 02B268

W	13 <sup>7</sup> / <sub>8</sub> x <sup>1</sup> / <sub>4</sub>
F	5 x <sup>7</sup> / <sub>16</sub>
K	1 <sup>1</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E203)

1SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

PROJECT NO 2210

JOB NAME MILWAUKEE STATION APARTMENTS

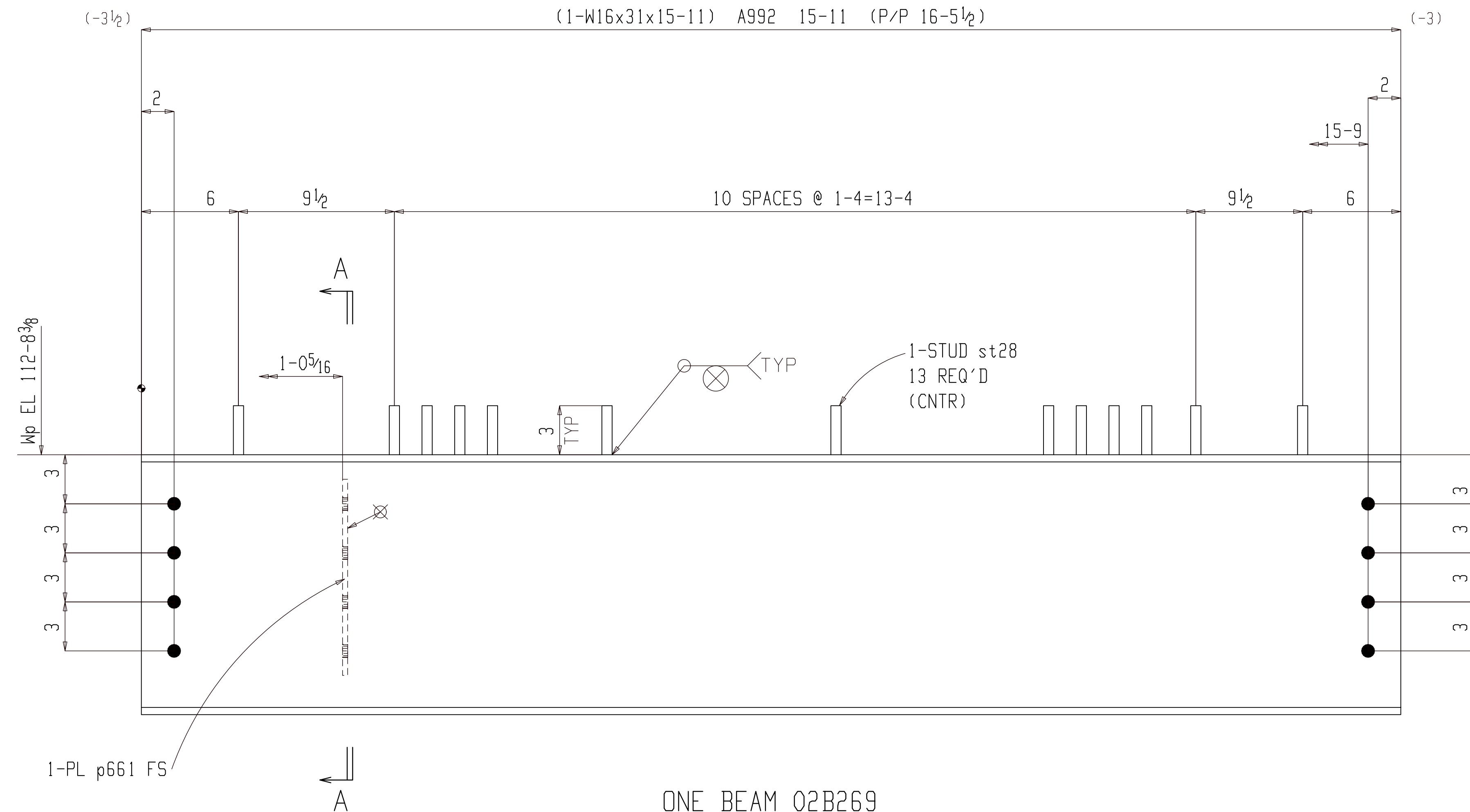
JOB LOCATION GREAT FALLS, MONTANA

DATE 05-06-22

02B268

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B269		BEAM				501	501
1		02B269	W16x31	A992		15-11	493	493
13		st28	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
1		p661	PL <sup>5</sup> / <sub>16</sub> x4	A36		1-0	4	4
			FIELD BOLTS					
8			3/4 Dia A325N		+1HD WASH	13/4		

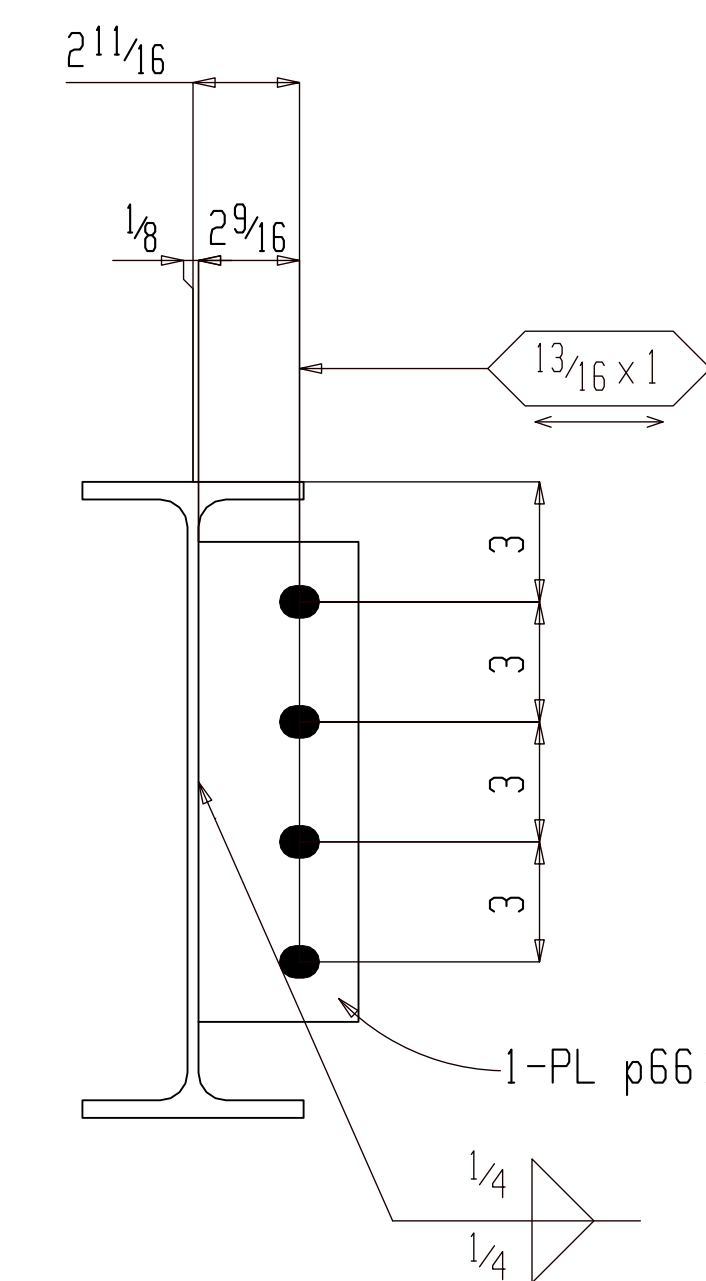


ONE BEAM 02B269

W	15 7/8 x 1/4
F	5 1/2 x 7/16
K	1 1/8 x 1 3/16

(E REFER: E203)

1SC PRIMER



Section A-A  
02B269

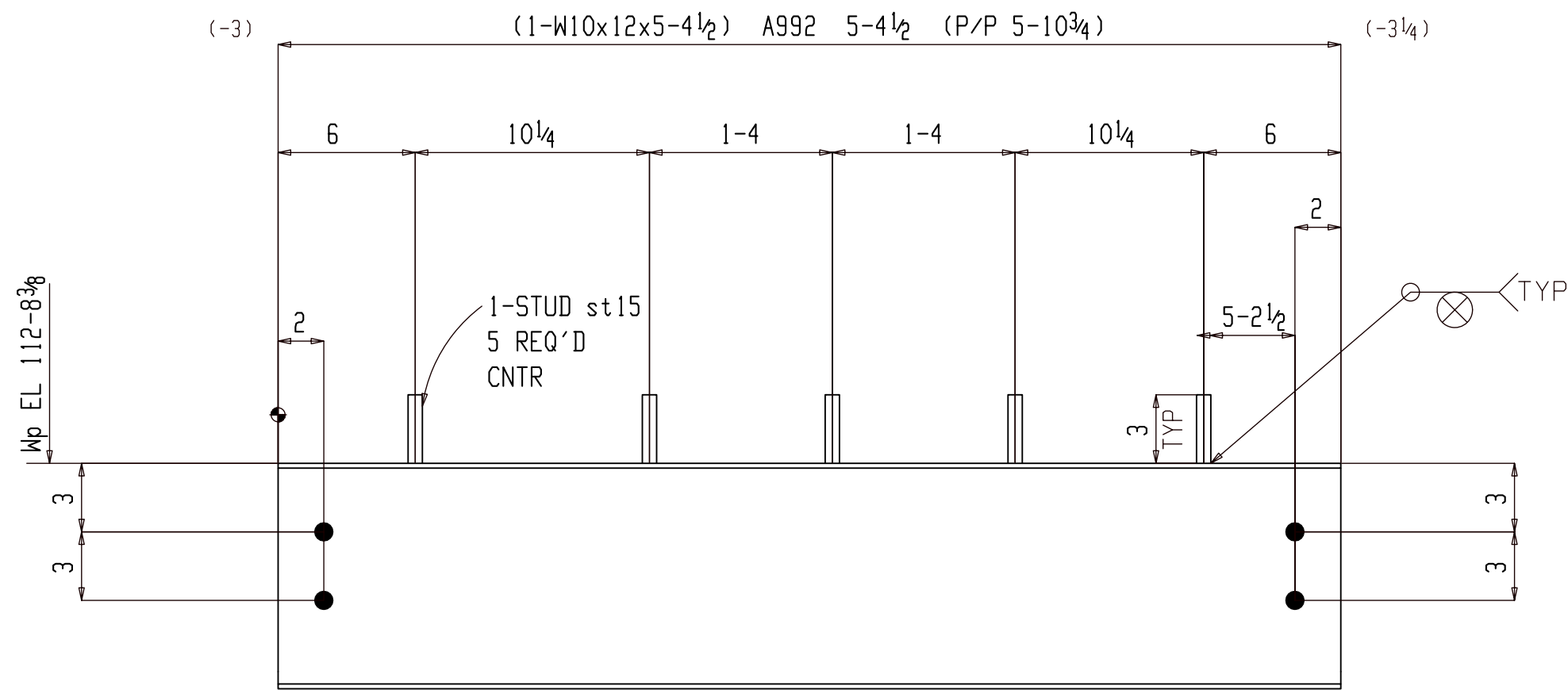
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	02B269



ONE BEAM 02B270

W	9 7/8 x 3/16
F	3 15/16 x 3/16
K	3/4 x 5/8

(E REFER: E203)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02B270		BEAM				66	66
1		02B270	W10x12	A992		5-4 1/2	65	65
5		st15	TWS 5/8	A108		3	0	1
FIELD BOLTS								
2			3/4 Dia A325N		+1HD WASH	1 3/4		
2			3/4 Dia A325N		+1HD WASH	1 1/2		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

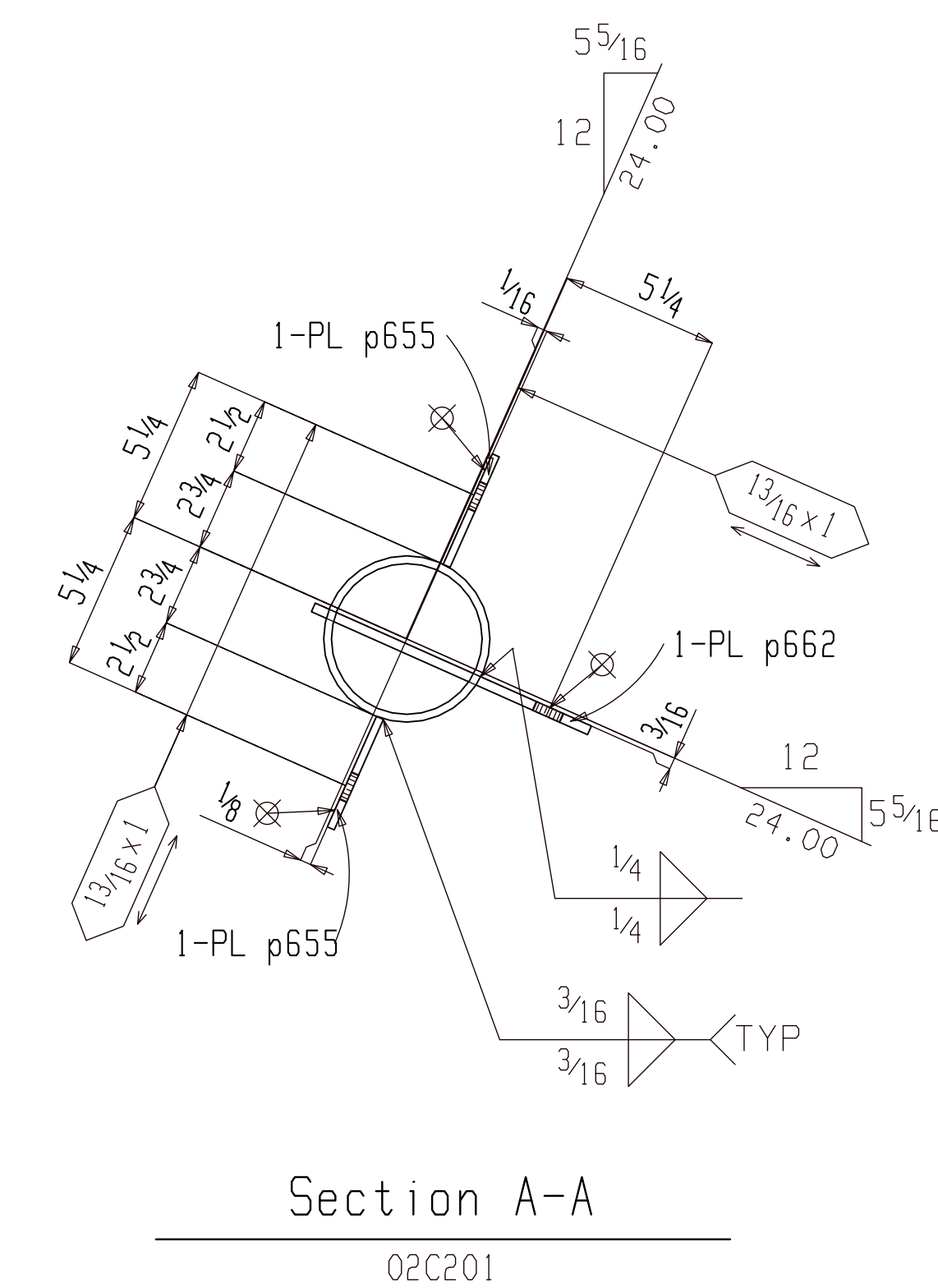
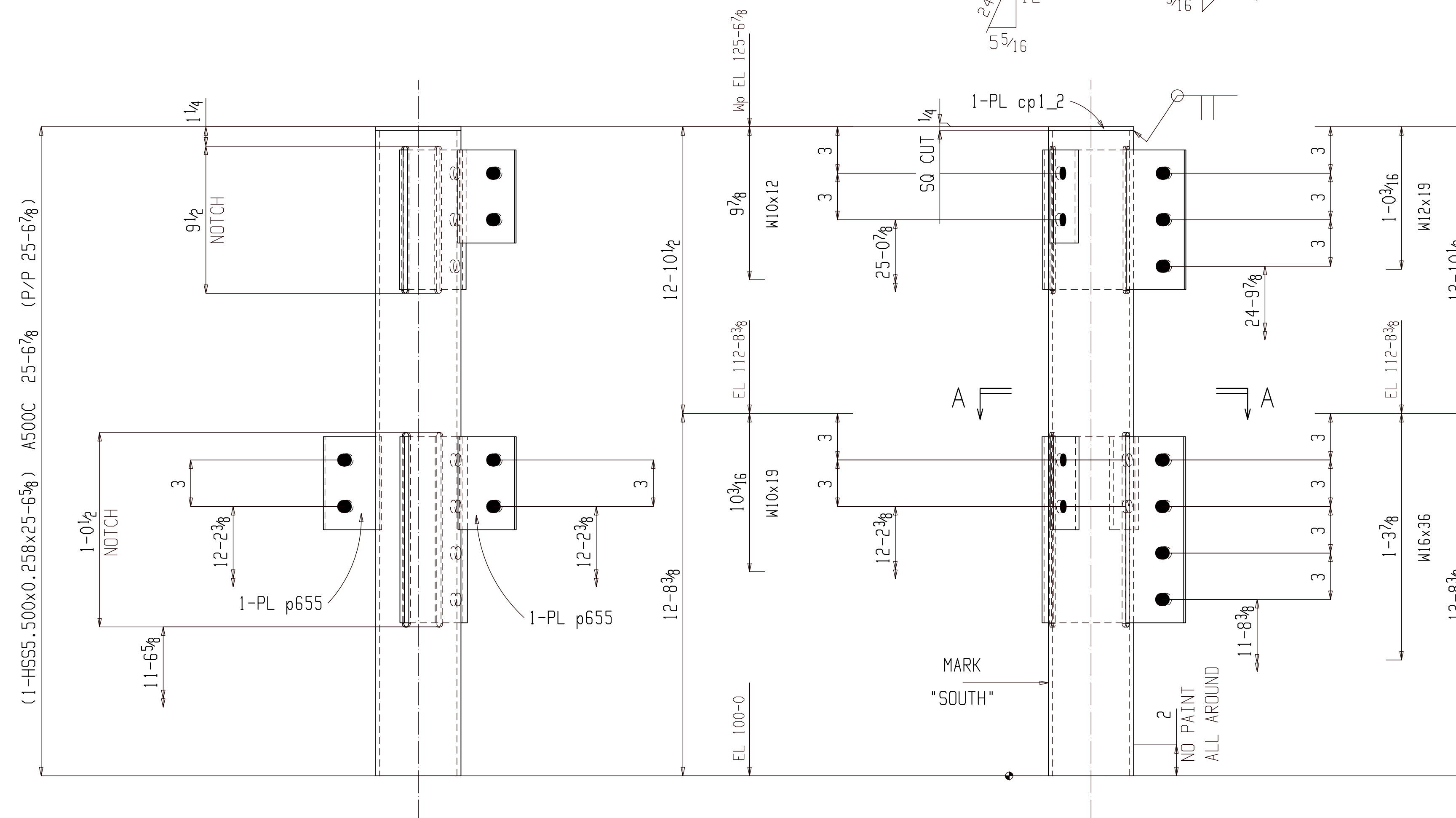
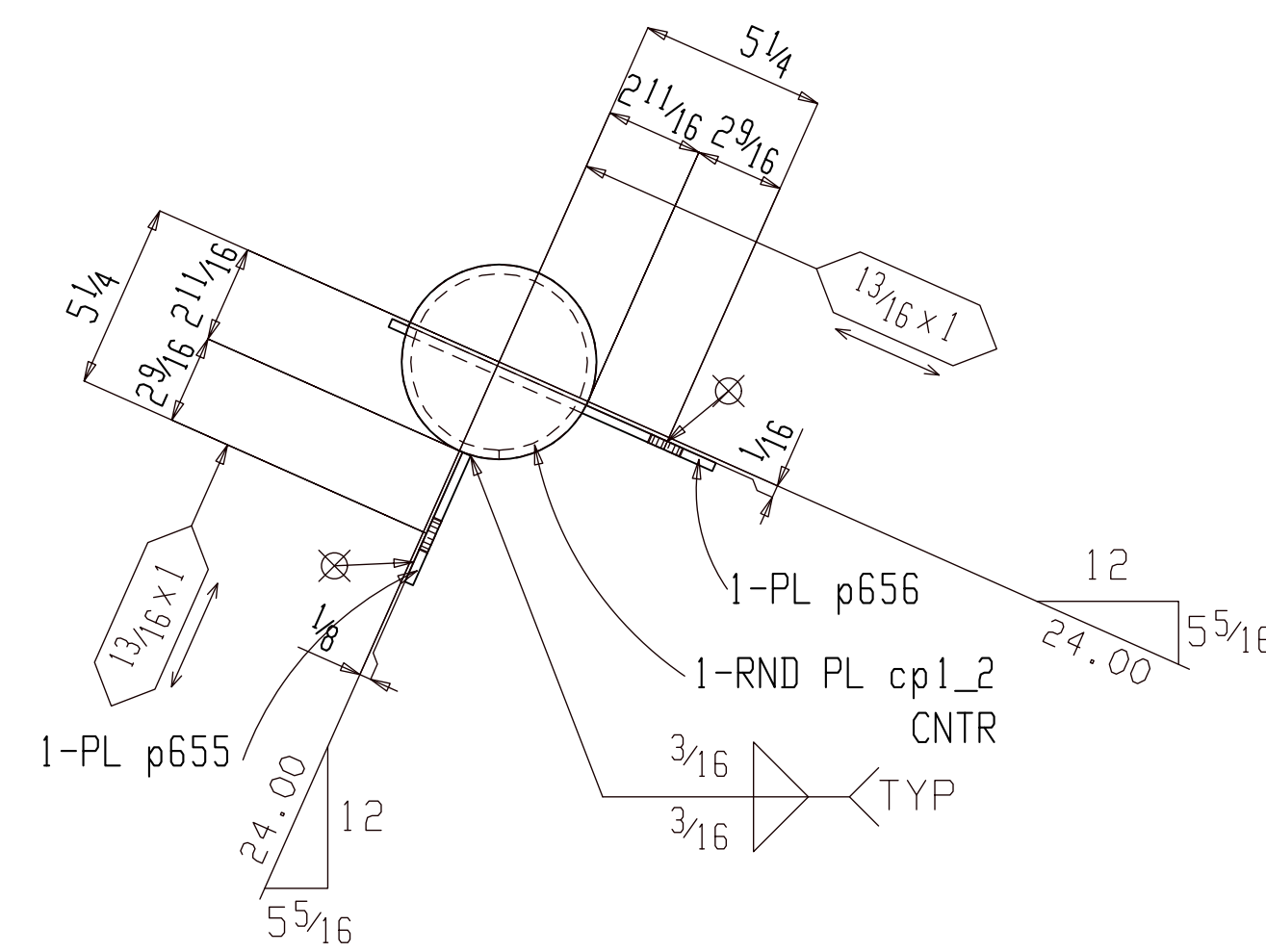
HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		AKM	JOB NAME		MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION		GREAT FALLS, MONTANA	DWG NO	02B270
CHECKER		ALN					
APPROVED		04-04-22					

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C201		COLUMN					393	393
1		02C201	HSS5.500x0.258	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>		369	369
1		p662	PL <sup>5</sup> / <sub>16</sub> x10	A36		1-0		11	11
1		p656	PL <sup>1</sup> / <sub>4</sub> x9	A36				6	6
1		cp1_2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36				2	2
3		p655	PL <sup>1</sup> / <sub>4</sub> x4	A36				6	5



**ONE COLUMN 02C201**

AT GRID:  
y-1 & X1

(E REFER: E202)

1SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

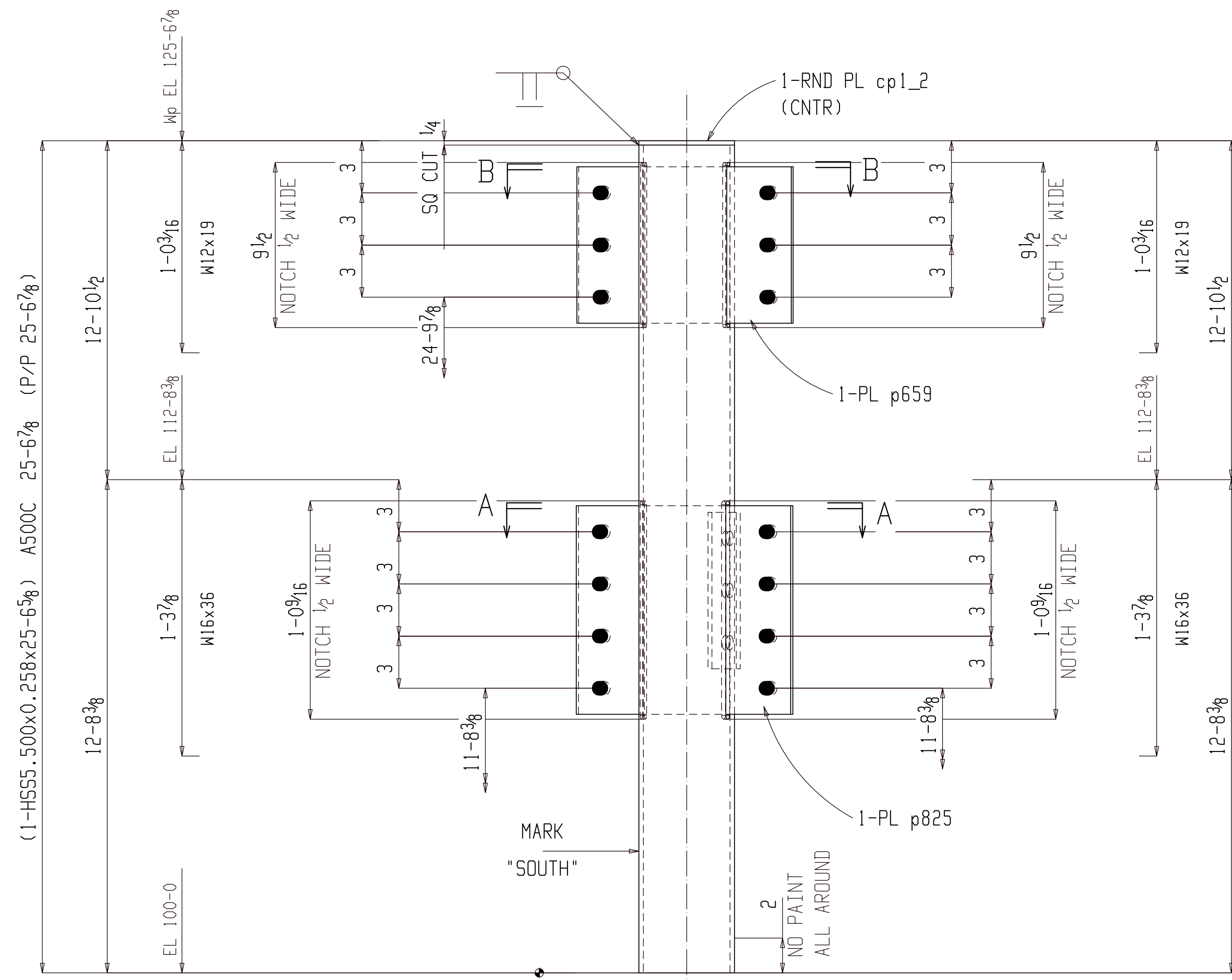


DETAILER		JOB NAME		PROJECT NO	REV
AKM		MILWAUKEE STATION APARTMENTS		2210	A
DATE	04-04-22	CHECKER	ALN	DWG NO	02C201
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		



BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight
ONE	02C202		COLUMN					397
1		02C202	HSS5.500x0.258	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>	369	369
1		p825	PL5 <sup>1</sup> / <sub>8</sub> x12	A36		1-1 <sup>1</sup> / <sub>2</sub>	14	14
1		p659	PL1 <sup>1</sup> / <sub>4</sub> x9	A36		1-1 <sup>1</sup> / <sub>2</sub>	9	9
1		cp1_2	PL1 <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36			2	2
1		p657	PL1 <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3

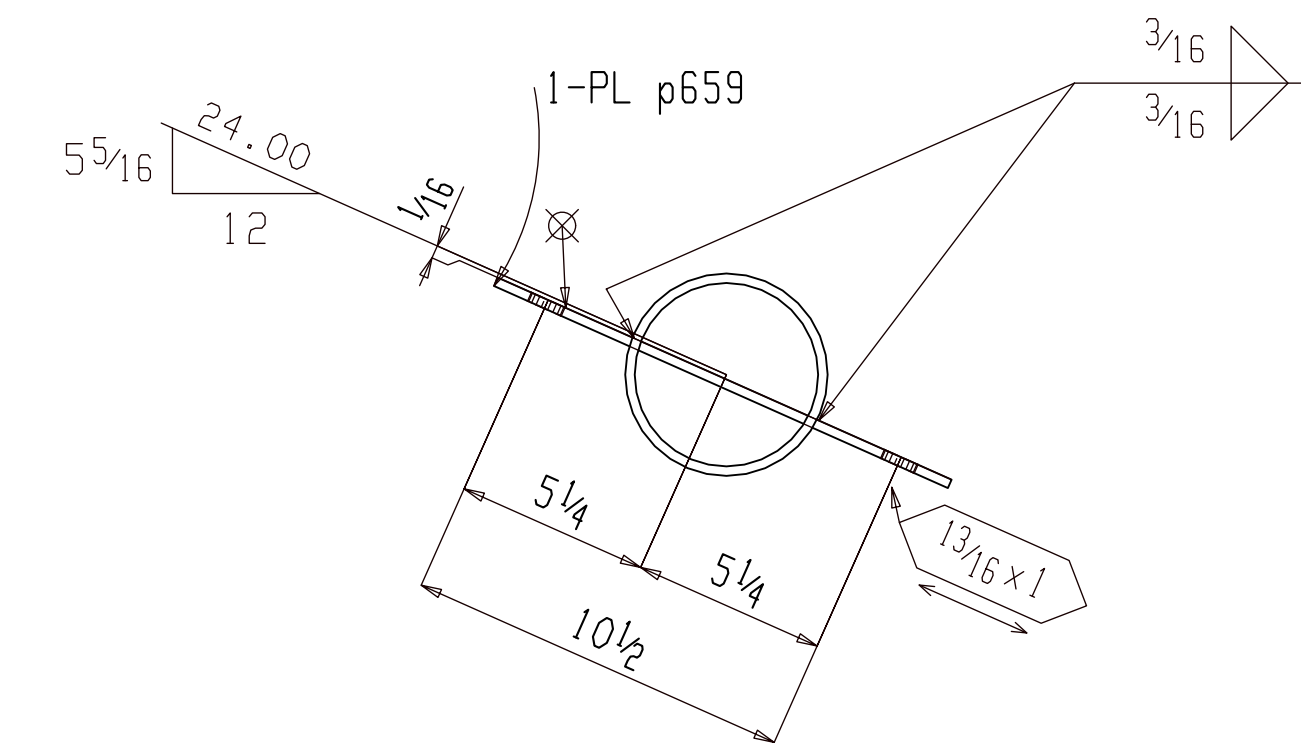


ONE COLUMN 02C202

AT GRID:  
X1 & Y2

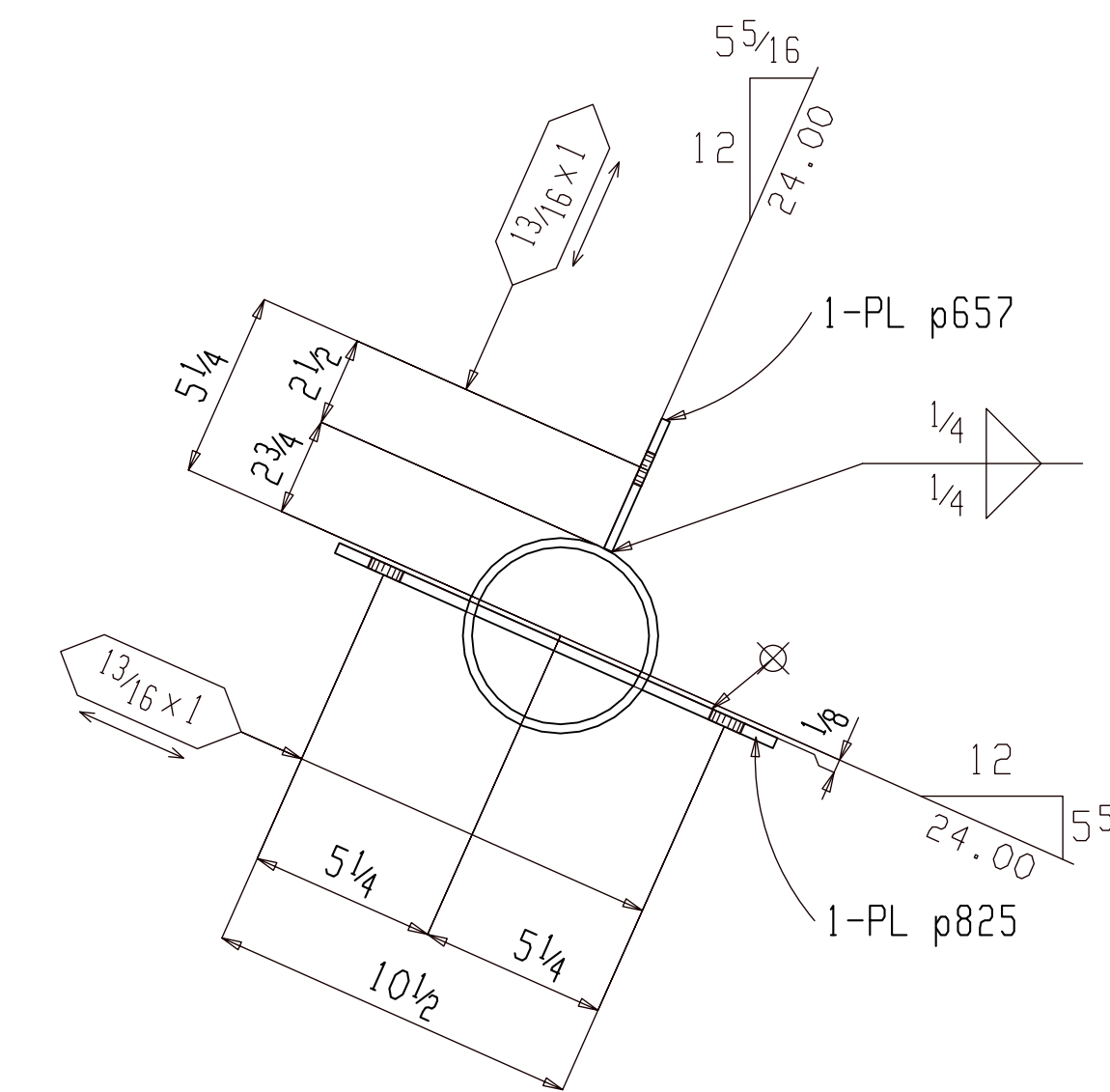
(E REFER: E202)

1SC PRIMER



Section B-B

02C202



Section A-A

02C202

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

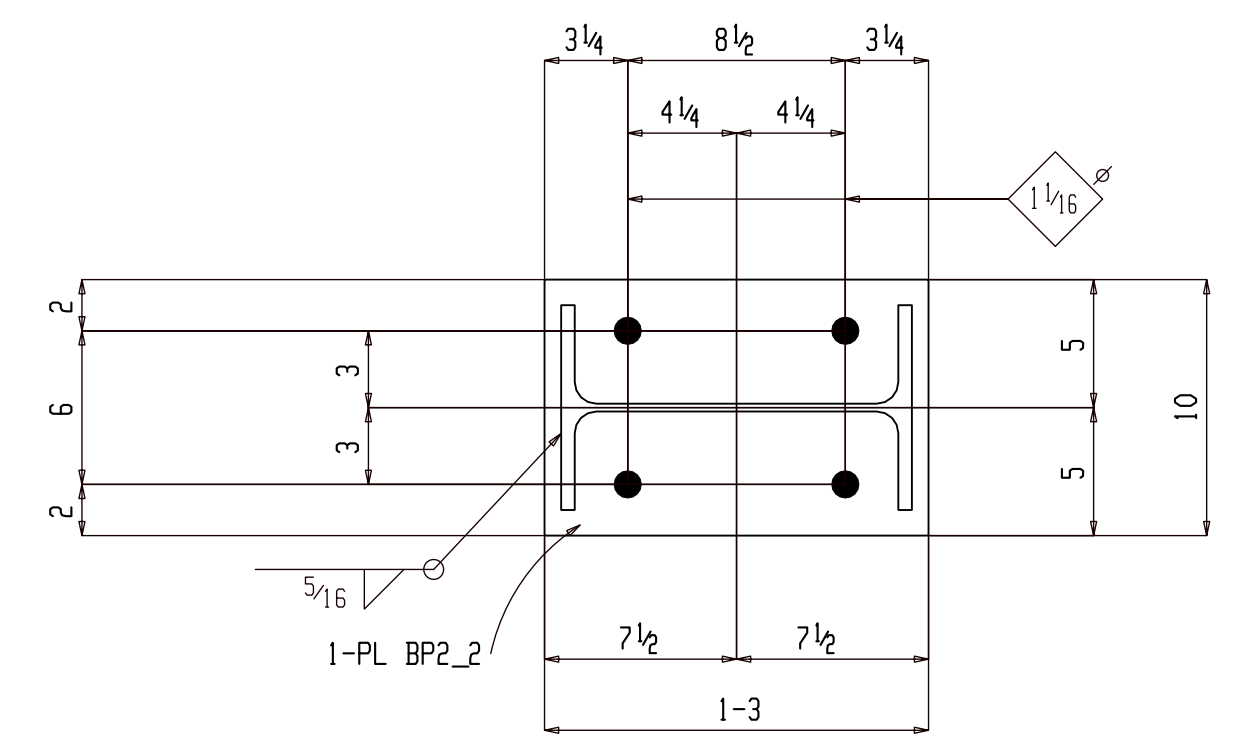
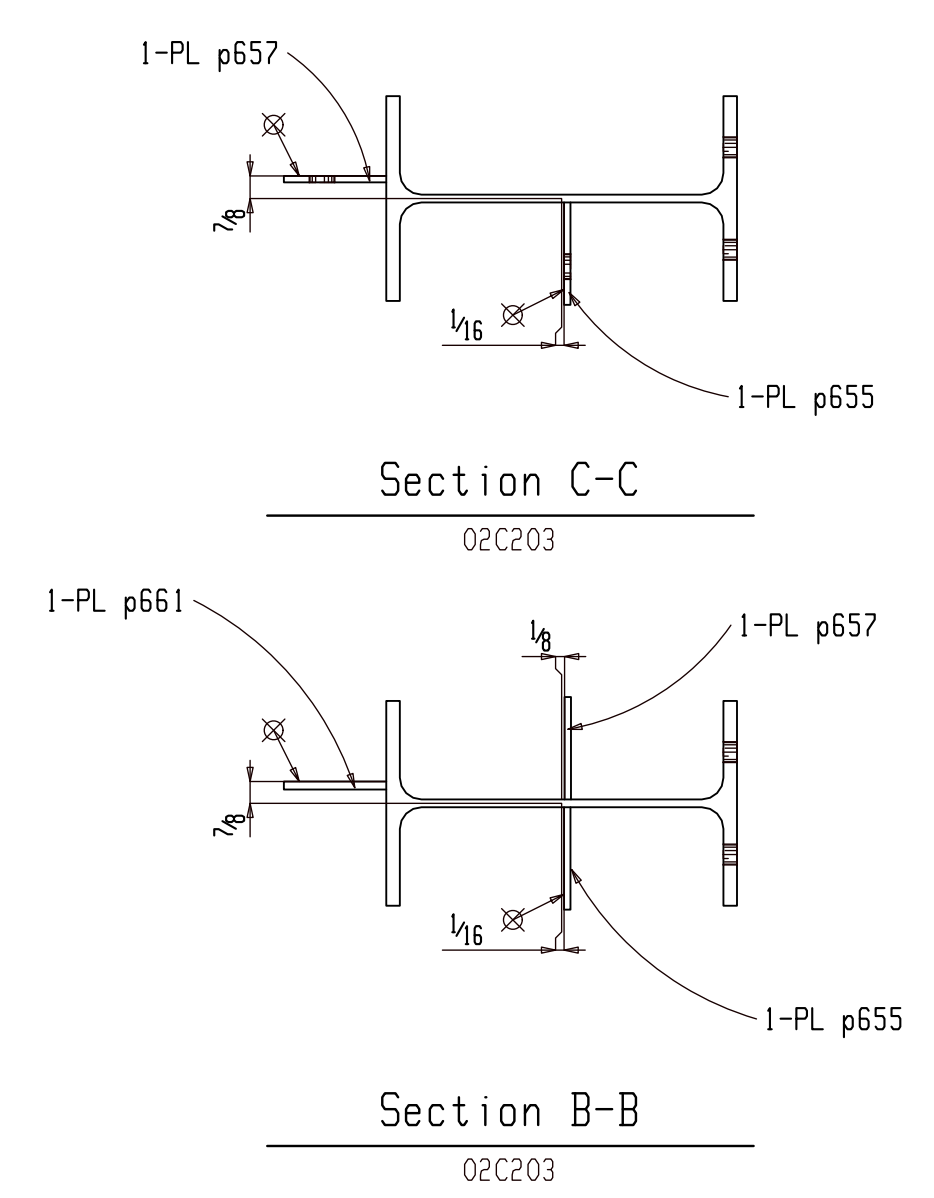
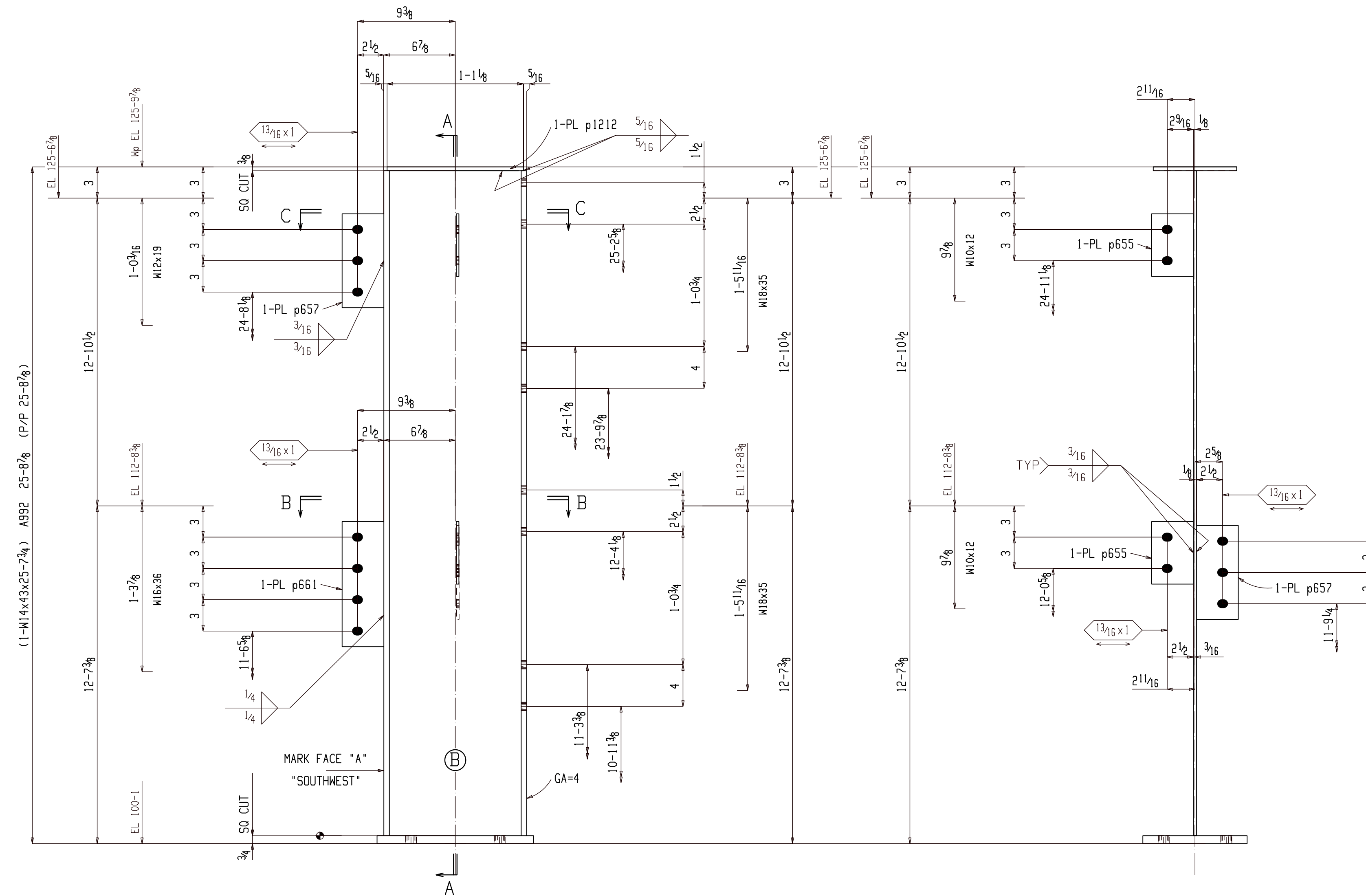
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
REV	DESCRIPTION		DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM		MILWAUKEE STATION APARTMENTS	2210		
DATE	04-04-22	CHECKER	ALN	DWG NO	02C202
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C203		COLUMN					
1		02C203	W14x43	A992	S1E	25-7 <sup>3</sup> / <sub>4</sub>	1159	1159
1		p661	PL5 <sup>1</sup> / <sub>16</sub> x4	A36		1-0	4	4
1		p1212	PL3 <sup>3</sup> / <sub>16</sub> x8	A572-50		1-11 <sup>1</sup> / <sub>16</sub>	11	11
1		BP2 2	PL3 <sup>3</sup> / <sub>16</sub> x10	A36		1-3	32	32
2		p657	PL1 <sup>1</sup> / <sub>4</sub> x4	A36		9	3	5
2		p655	PL1 <sup>1</sup> / <sub>4</sub> x4	A36		6	2	3



ONE COLUMN 02C203

- W 13<sup>1</sup>/<sub>16</sub>x5<sup>3</sup>/<sub>16</sub>
- F 8x<sup>1</sup>/<sub>2</sub>
- K 1<sup>3</sup>/<sub>8</sub>x1

AT GRID:  
X1 & Y3

(E REFER: E202)  
15C PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13 <sup>1</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

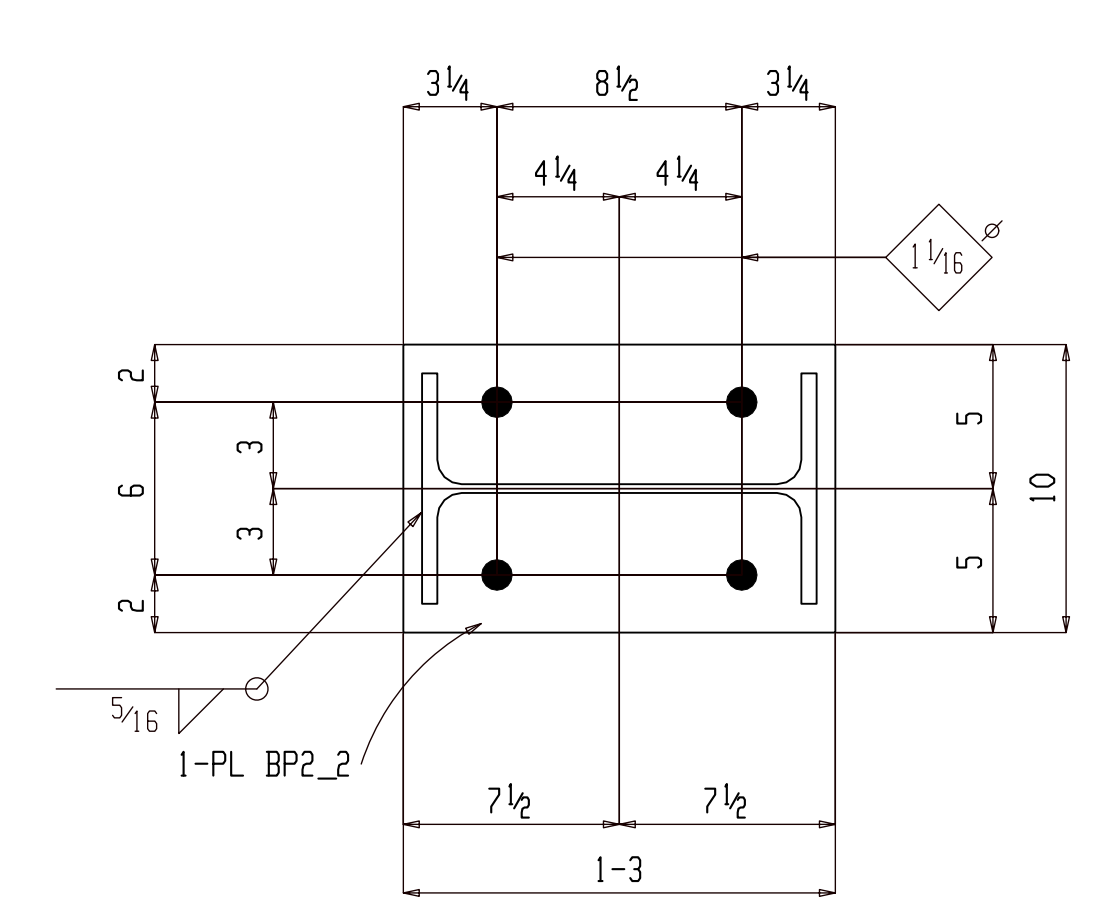
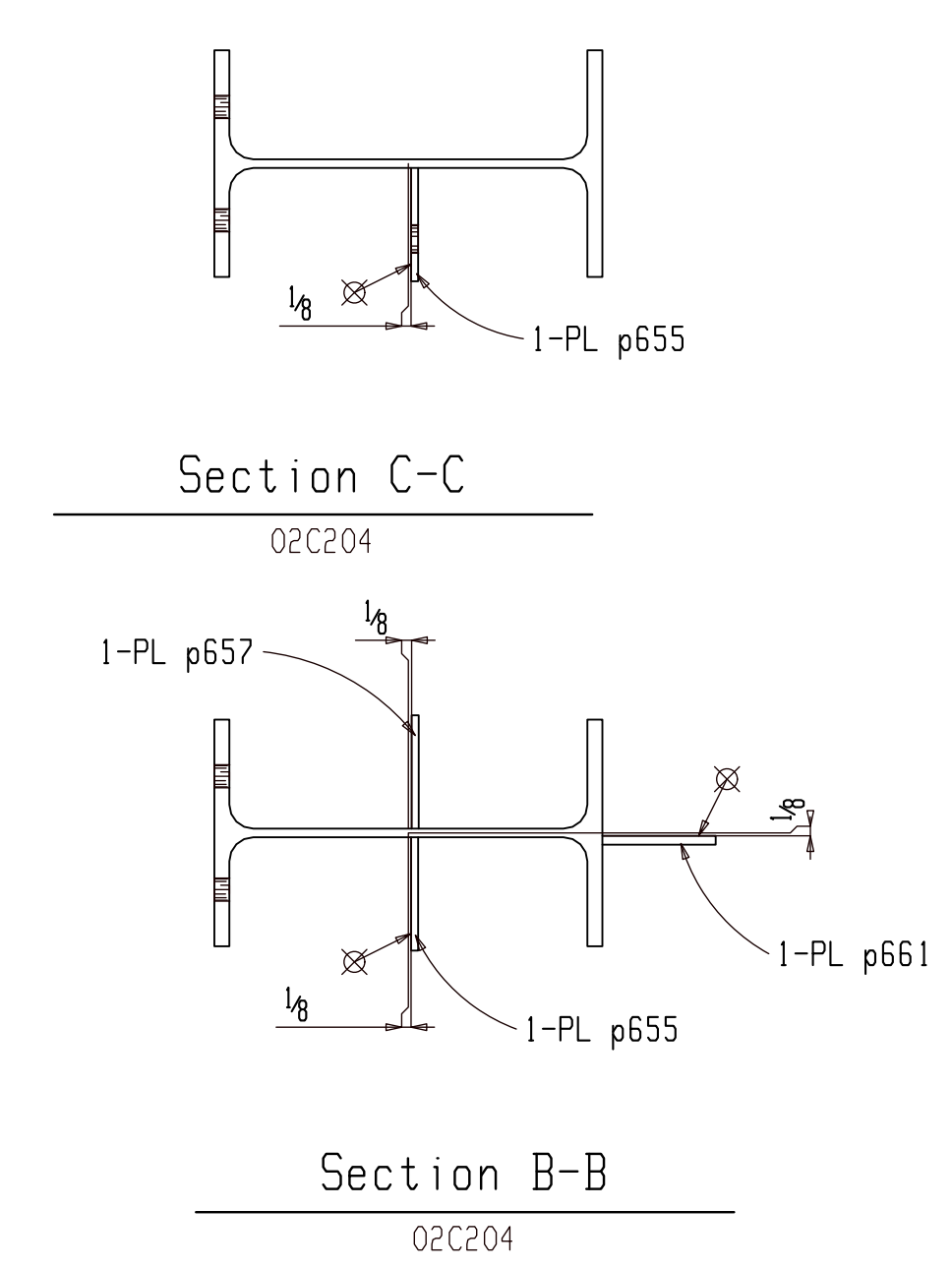
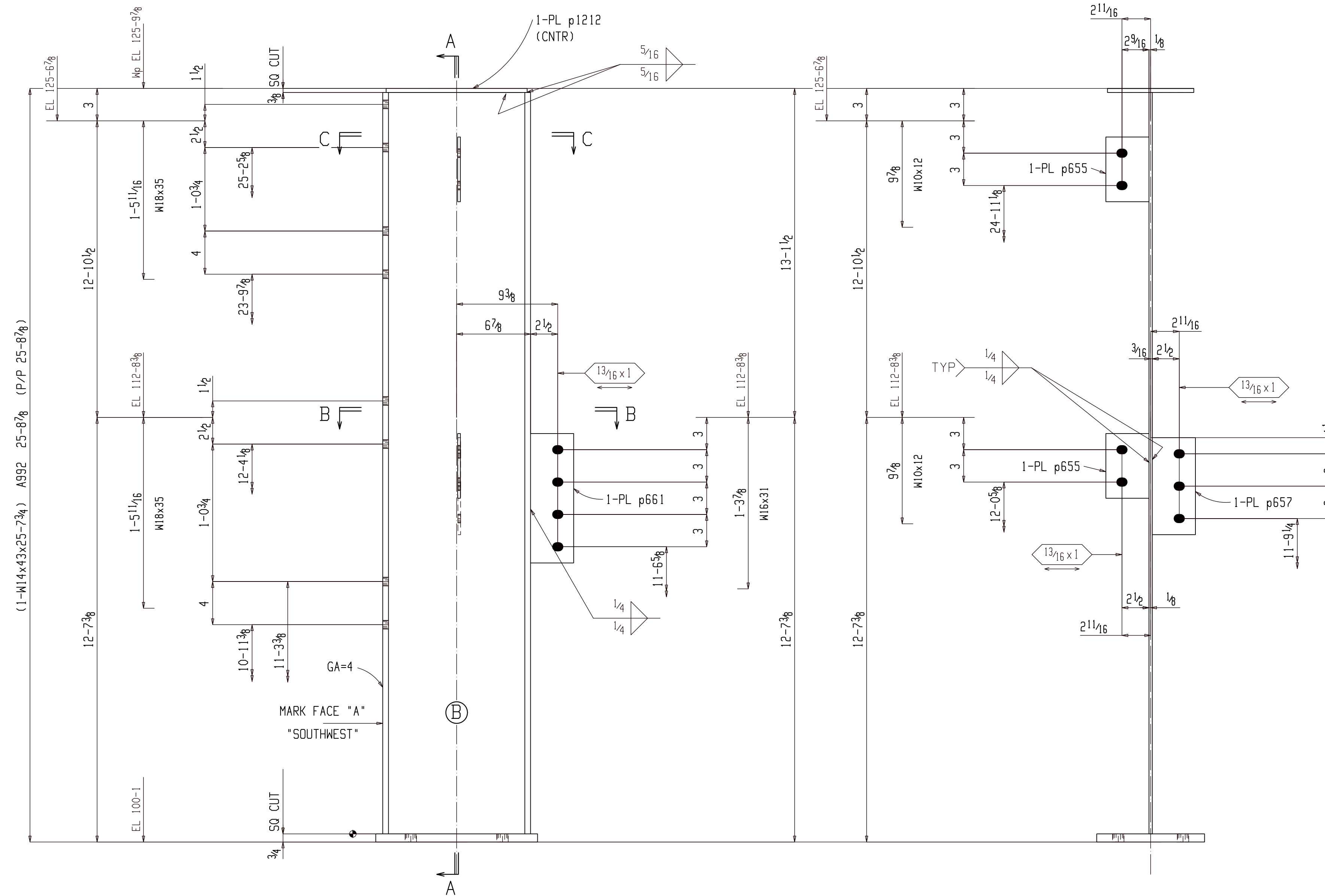


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DESIGN VERIFICATION AND REVIEW IS THE RESPONSIBILITY OF THE DESIGNER OF RECORD  
GENERAL ARRANGEMENT

BETALER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	A
DATE	04-04-22	CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C203
APPROVED	04-04-22						

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C204		COLUMN					
1		02C204	W14x43	A992	S1E	25-7 <sup>3</sup> / <sub>4</sub>	1156	1156
1		p661	PL5 <sup>1</sup> / <sub>16</sub> x4	A36		1-0	4	4
1		p1212	PL3 <sup>3</sup> / <sub>8</sub> x8	A572-50		1-11 <sup>1</sup> / <sub>16</sub>	11	11
1		BP2_2	PL3 <sup>3</sup> / <sub>8</sub> x10	A36		1-3	32	32
1		p657	PL1 <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3
2		p655	PL1 <sup>1</sup> / <sub>4</sub> x4	A36		6	2	3



**ONE COLUMN 02C204**

- W 13<sup>1</sup>/<sub>16</sub>x5<sup>5</sup>/<sub>16</sub>
- F 8x<sup>1</sup>/<sub>2</sub>
- K 1<sup>3</sup>/<sub>8</sub>x1

AT GRID:  
y-4 & X1  
(E REFER: E202)  
1SC PRIMER

**FOR APPROVAL**

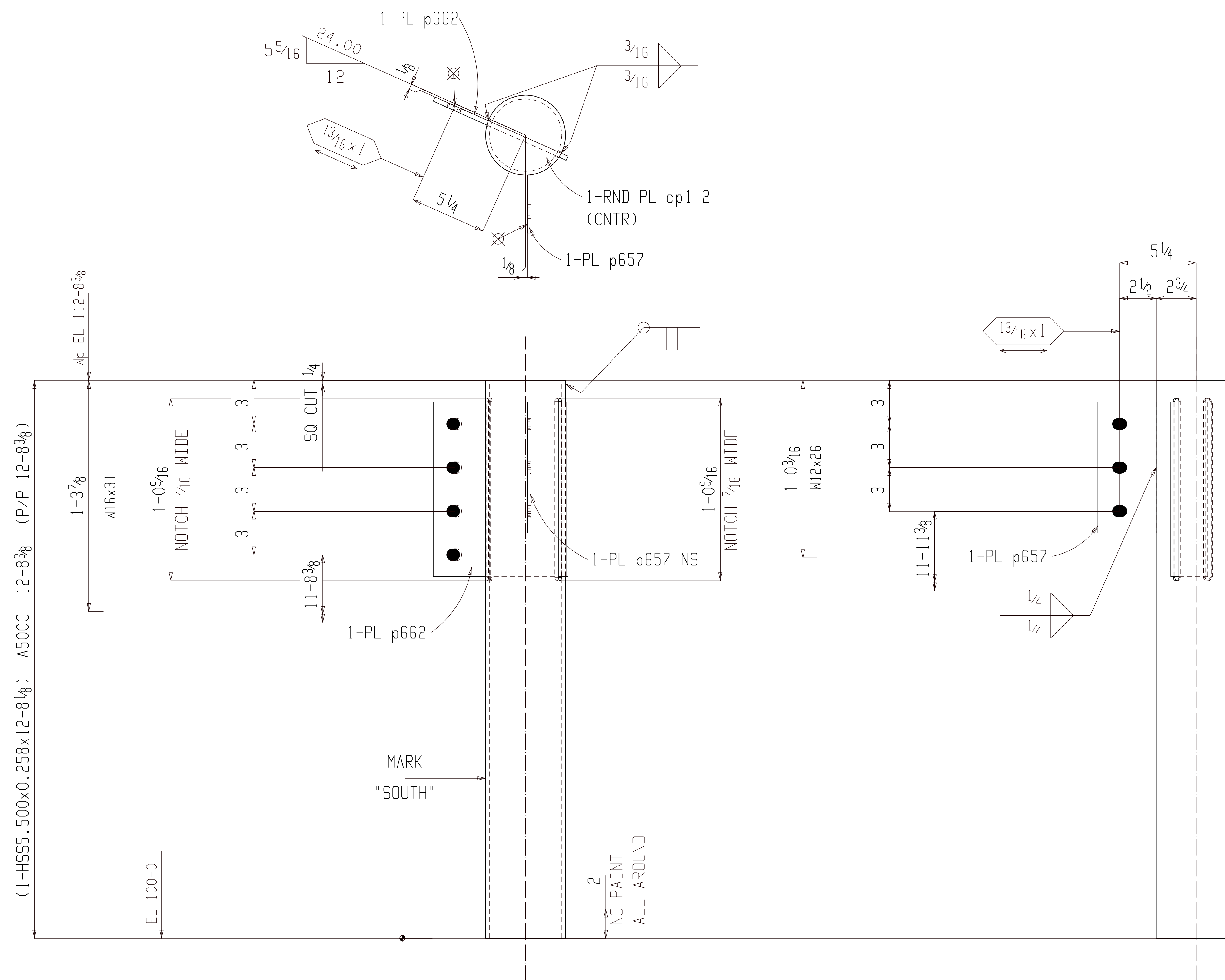
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13 <sup>1</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C205		COLUMN					198	198
1		02C205	HSS5.500x0.258	A500C	S1E	12-8 <sup>3</sup> / <sub>8</sub>	183	183	
1		p662	PL <sup>5</sup> / <sub>16</sub> x10	A36		1-0	11	11	
1		cp1_2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36			2	2	
1		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3	



### ONE COLUMN 02C205

AT GRID:  
Y5 & 0.9

(E REFER: E203)

ISC PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

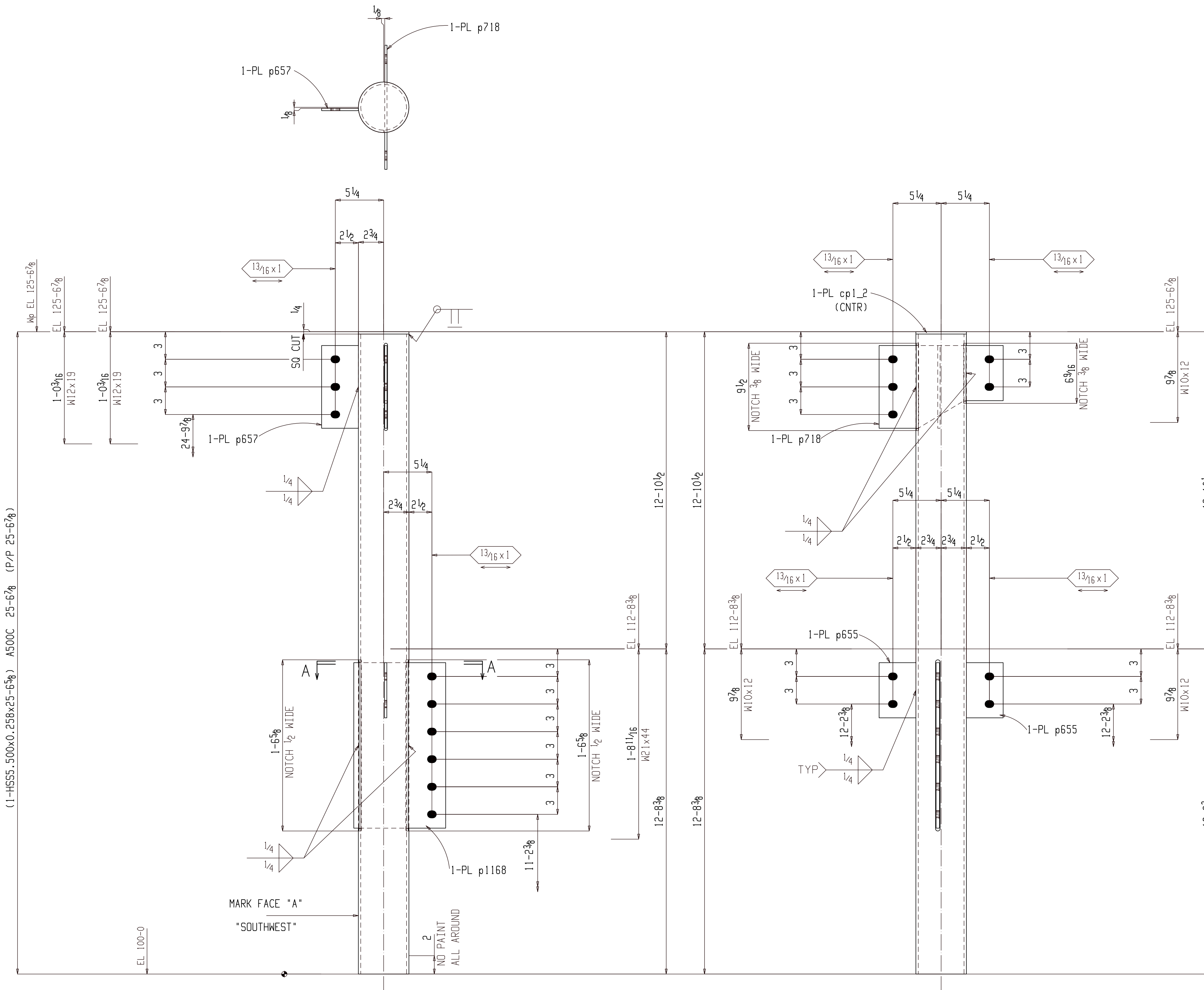
HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			

GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
REV	DESCRIPTION			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C205
APPROVED	04-04-22				

(1-HSS5.500x0.258x25-6<sup>3</sup>/<sub>8</sub>) A500C 25-6<sup>3</sup>/<sub>8</sub> (P/P 25-6<sup>3</sup>/<sub>8</sub>)

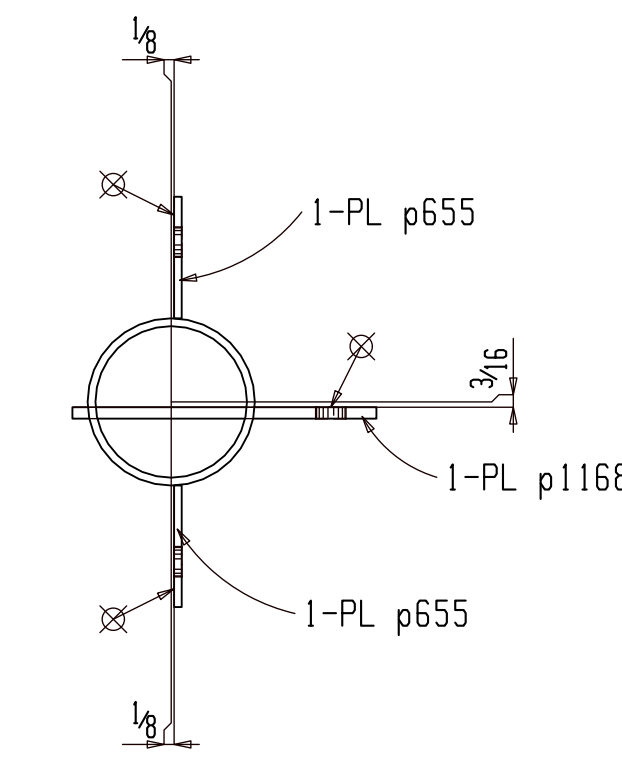


ONE COLUMN 02C206

AT GRID: (E REFER: E202)  
 y-4 & X2  
 ISC PRIMER

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C206		COLUMN	A500C	S1E	25-6 <sup>3</sup> / <sub>8</sub>	405	405	
1		02C206	HSS5.500x0.258	A500C	S1E	25-6 <sup>3</sup> / <sub>8</sub>	369	369	
1		p1168	PL <sup>3</sup> / <sub>8</sub> x10	A36		1-6	19	19	
1		p718	PL <sup>1</sup> / <sub>4</sub> x9	A36		1-1 <sup>1</sup> / <sub>2</sub>	9	9	
1		cp1_2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36			2	2	
1		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3	
2		p655	PL <sup>1</sup> / <sub>4</sub> x4	A36		6	2	3	



Section A-A  
02C206

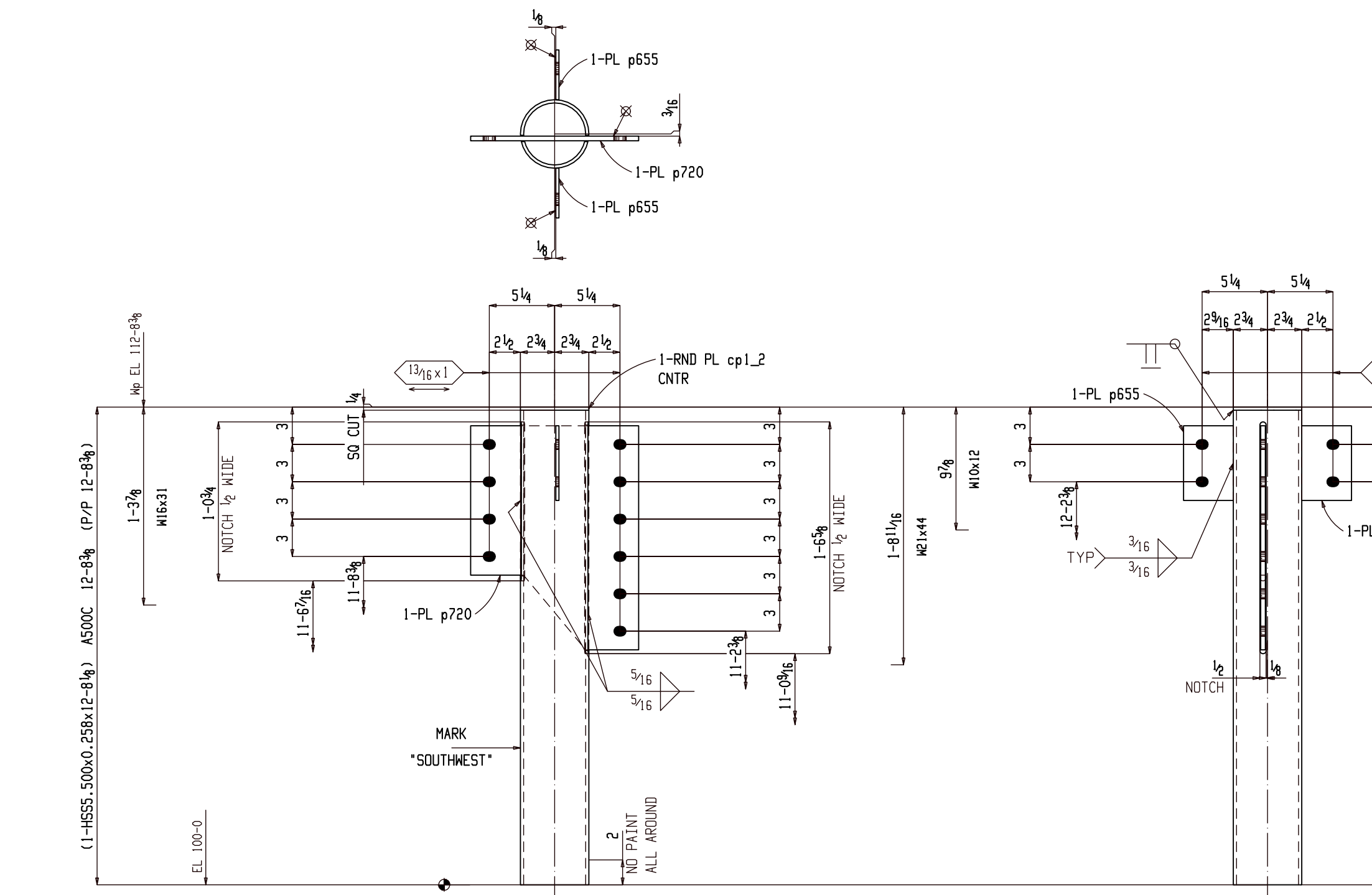
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13 <sup>1</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	04-04-22	JOB NAME	2210	
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22		GREAT FALLS, MONTANA	
				DWG NO 02C206



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C207		COLUMN	A500C			214	214
1		02C207	HSS5.500x0.258	A500C	S1E	12-8 1/8	183	183
1		p720	PL 3/8x13 1/2	A36		1-6	26	26
1		cp1_2	PL 1/4x5 1/2	A36			2	2
2		p655	PL 1/4x4	A36		6	2	3

ONE COLUMN 02C207

AT GRID:  
y-4 & X3

(E REFER: E202)

ISC PRIMER

### FOR APPROVAL

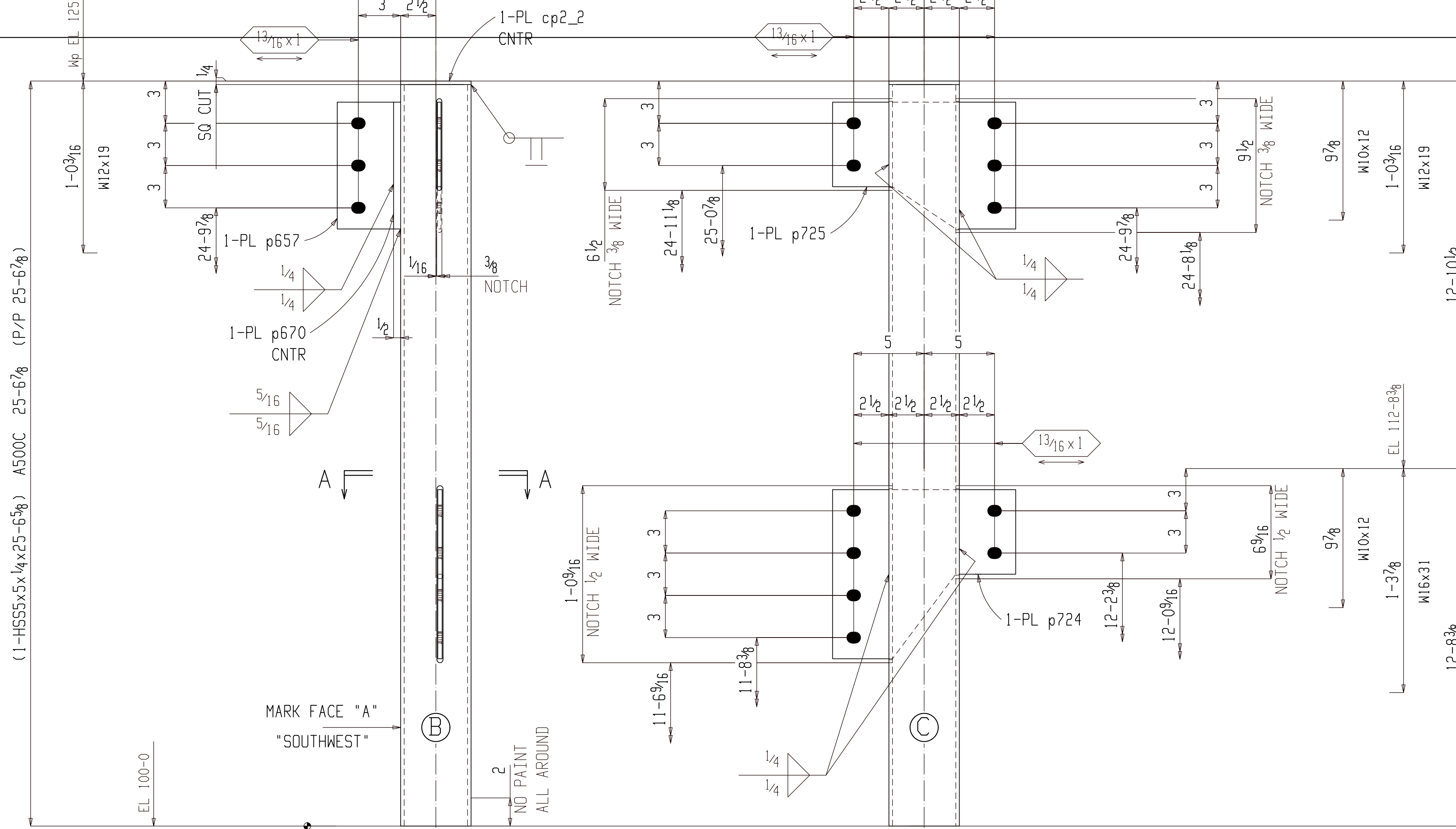
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT		PROJECT NO 2210
DETAILER AKM DATE 04-04-22 CHECKER ALN APPROVED 04-04-22	JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA	DWG NO 02C207

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight
ONE	02C208		COLUMN					432
1		02C208	HSS5x5x1/4	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>	399	399
1		p724	PL <sup>5</sup> / <sub>16</sub> x12	A36		1-1	14	14
1		p725	PL <sup>1</sup> / <sub>4</sub> x9	A36		1-1	8	8
1		cp2 2	PL <sup>1</sup> / <sub>4</sub> x5	A36		5	2	2
1		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3
1		p670	PL <sup>1</sup> / <sub>2</sub> x5	A36		9	6	6

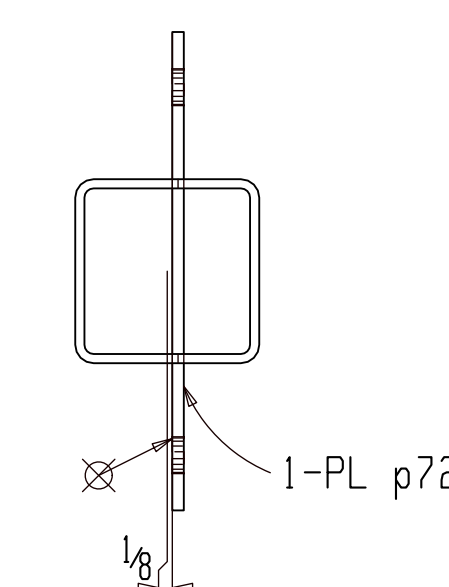


### ONE COLUMN 02C208

AT GRID:  
Y4 & C

### Section A-A

02C208



(E REFER: E202)

1SC PRIMER

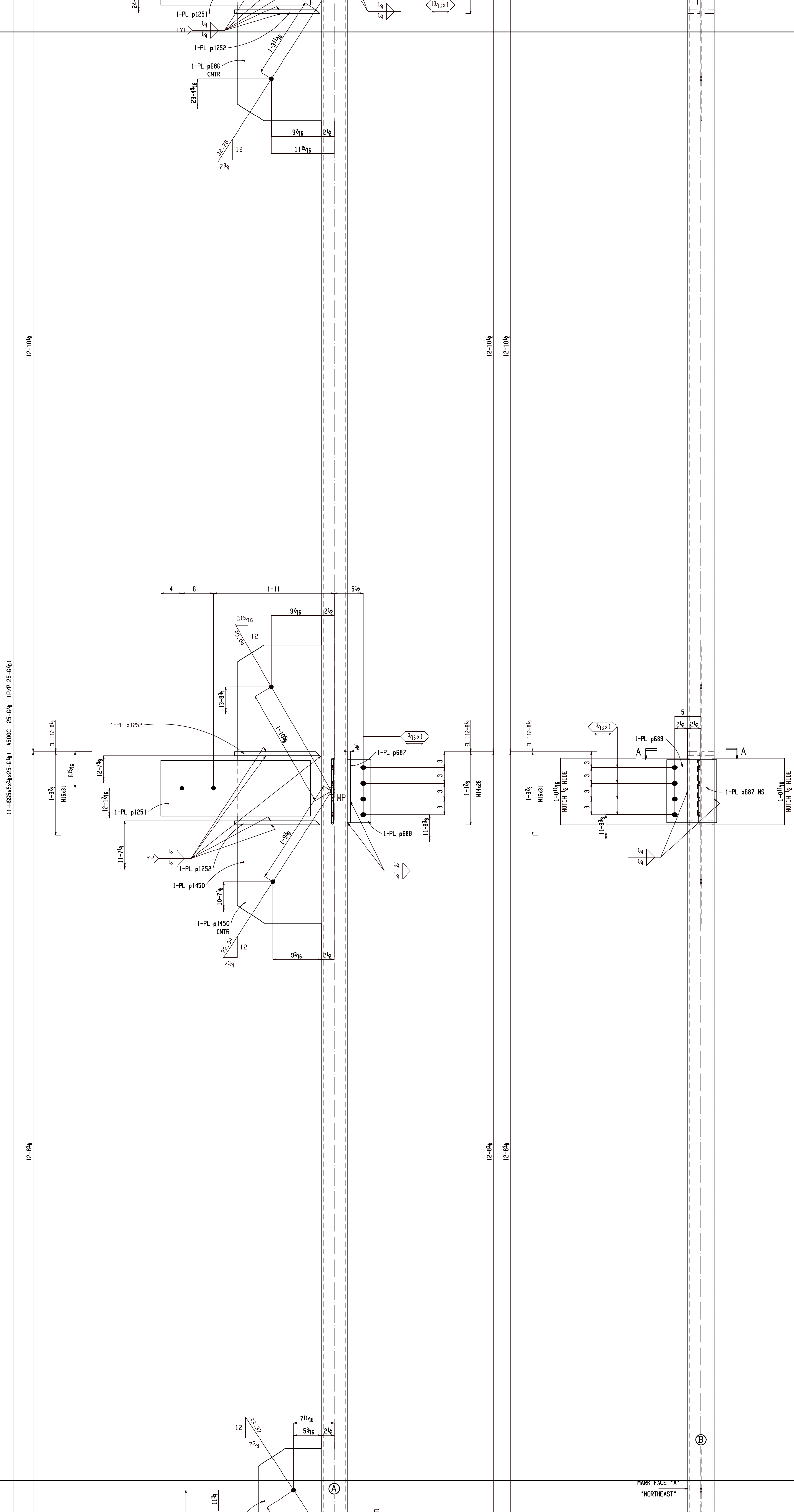
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C208
APPROVED	04-04-22				



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C209		COLUMN				936	936
1		02C209	HSS5x5x3/8	A500C		25-6 1/8	571	571
3		st30	TWS3/4	A108		3	0	1
1		p689	PL5/16x9 1/2	A36		1-0	10	10
1		p688	PL5/16x37/8	A36		1-0	4	4
1		p687	PL5/8x5	A36		1-0	11	11
1		p1450	PL3/8x16	A572-50		4-5	90	90
1		p686	PL3/8x16	A572-50		2-9 9/16	57	57
1		p1448	PL3/8x12	A572-50		1-7 11/16	25	25
3		p1252	PL3/4x5	A572-50		1-4 1/4	17	52
1		p676	PL3/4x5	A572-50		1-10	23	23
1		p655	PL1/4x4	A36		6	2	2
2		p1251	PL1/2x10 5/8	A572-50		2-4 1/2	43	86
1		p691	PL1/2x5	A36		6	4	4

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

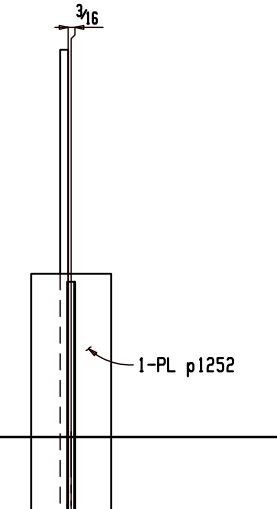
HOLES	13/16 Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE



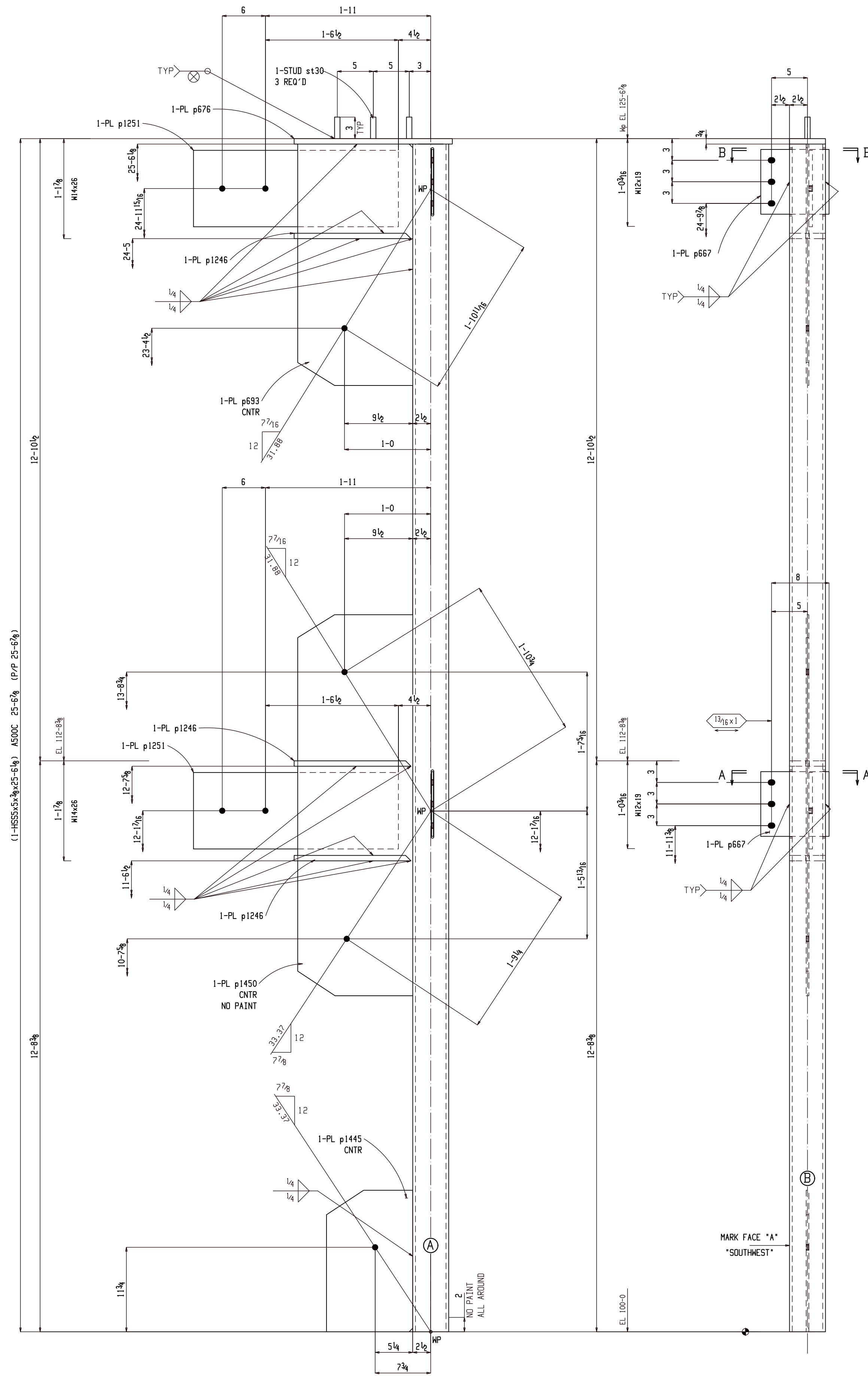
DETAILER		AKM	JOB NAME		MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	▲
DATE		04-04-22	JOB LOCATION		GREAT FALLS, MONTANA	DWG NO	02C209		
CHECKER		ALN							
APPROVED		04-04-22							

GENERAL ARRANGEMENT

MARK FALL 'A'  
NORTHEAST







ONE COLUMN 02C210

AT GRID: (E REFER: E202)  
y-4 & X6

15C PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C210		COLUMN					
1		02C210	HSS5x5x3/8	A500C		25-6 1/8	917	917
3		st30	TWS3/4	A108		3	0	1
1		p1450	PL3/8x16	A572-50		4-5	90	90
1		p693	PL3/8x16	A572-50		2-9 9/16	57	57
1		p1445	PL3/8x12	A572-50		1-7 11/16	25	25
3		p1246	PL3/4x5	A572-50		1-4 1/4	17	52
1		p676	PL3/4x5	A572-50		1-10	23	23
2		p667	PL1/4x9	A36		9 1/2	6	12
2		p1251	PL1/2x10 5/8	A572-50		2-4 1/2	43	86

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

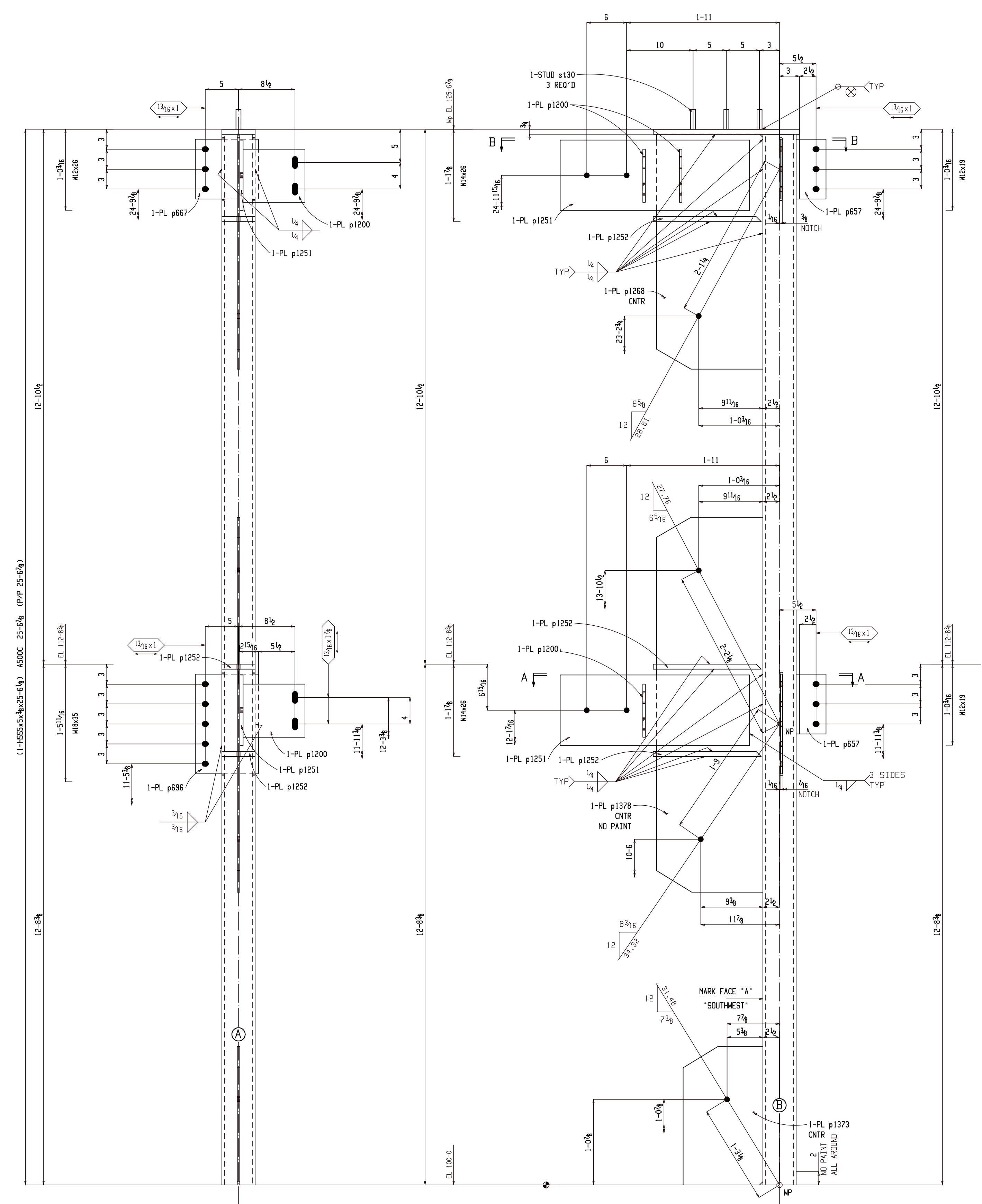
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	△
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 02C210	

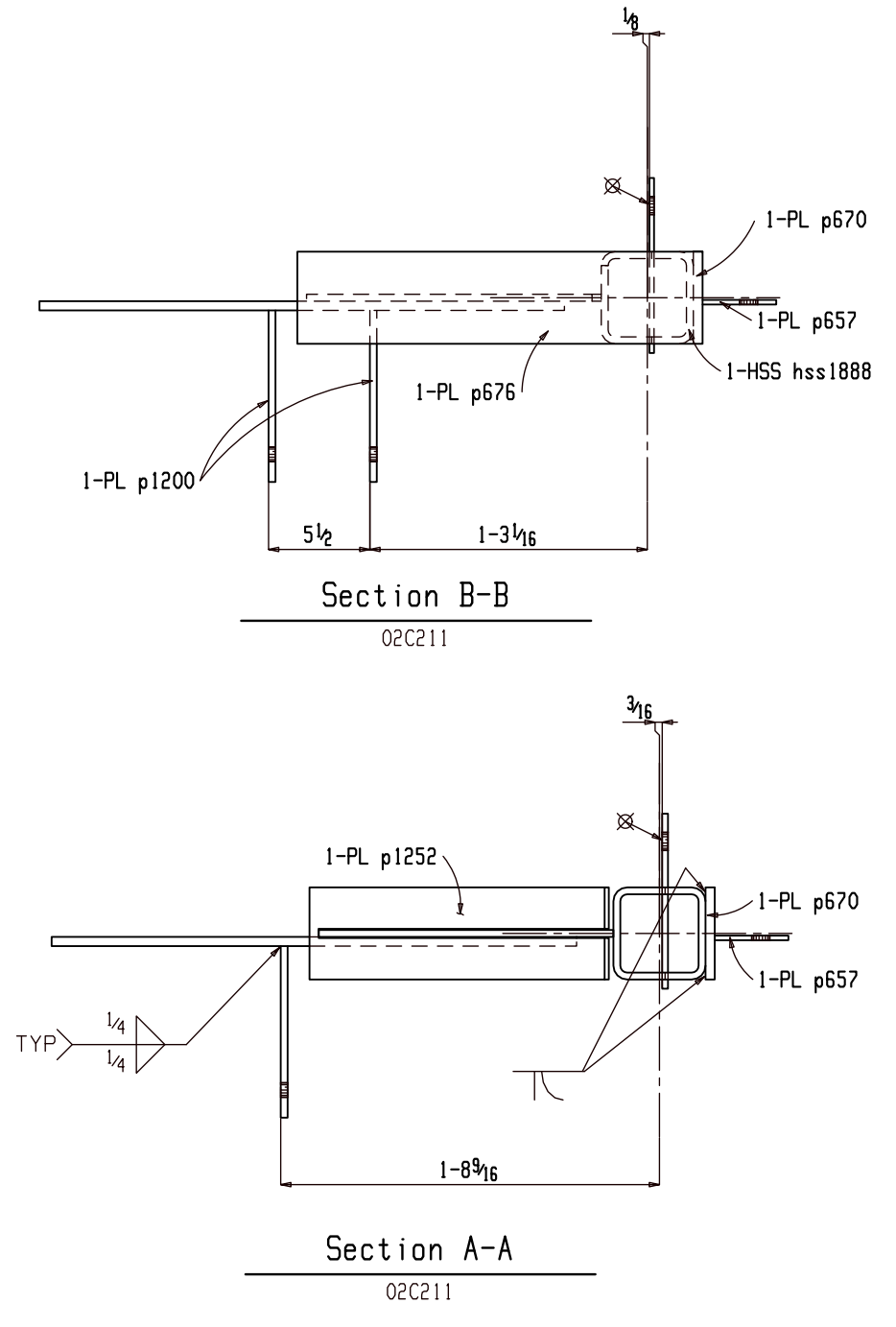
**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C211		COLUMN					976	976
1		02C211	HSS5x5x3/8	A500C		25-6 1/8	571	571	
3		st30	TWS 3/4	A108		3	0	1	
1		p696	PL 5/16x9 1/2	A36		1-3	13	13	
1		p1378	PL 3/8x16	A572-50		4-8 7/16	96	96	
1		p1268	PL 3/8x16	A572-50		2-11 3/8	60	60	
1		p1373	PL 3/8x12	A572-50		1-8 7/8	27	27	
3		p1200	PL 3/8x8	A36		9 5/16	8	24	
3		p1252	PL 3/4x5	A572-50		1-4 1/4	17	52	
1		p676	PL 1/4x5	A572-50		1-10	23	23	
1		p667	PL 1/4x9	A36		9 1/2	6	6	
2		p657	PL 1/4x4	A36		9	3	5	
2		p1251	PL 1/2x10 5/8	A572-50		2-4 1/2	43	86	
2		p670	PL 1/2x5	A36		9	6	13	



**ONE COLUMN 02C211**

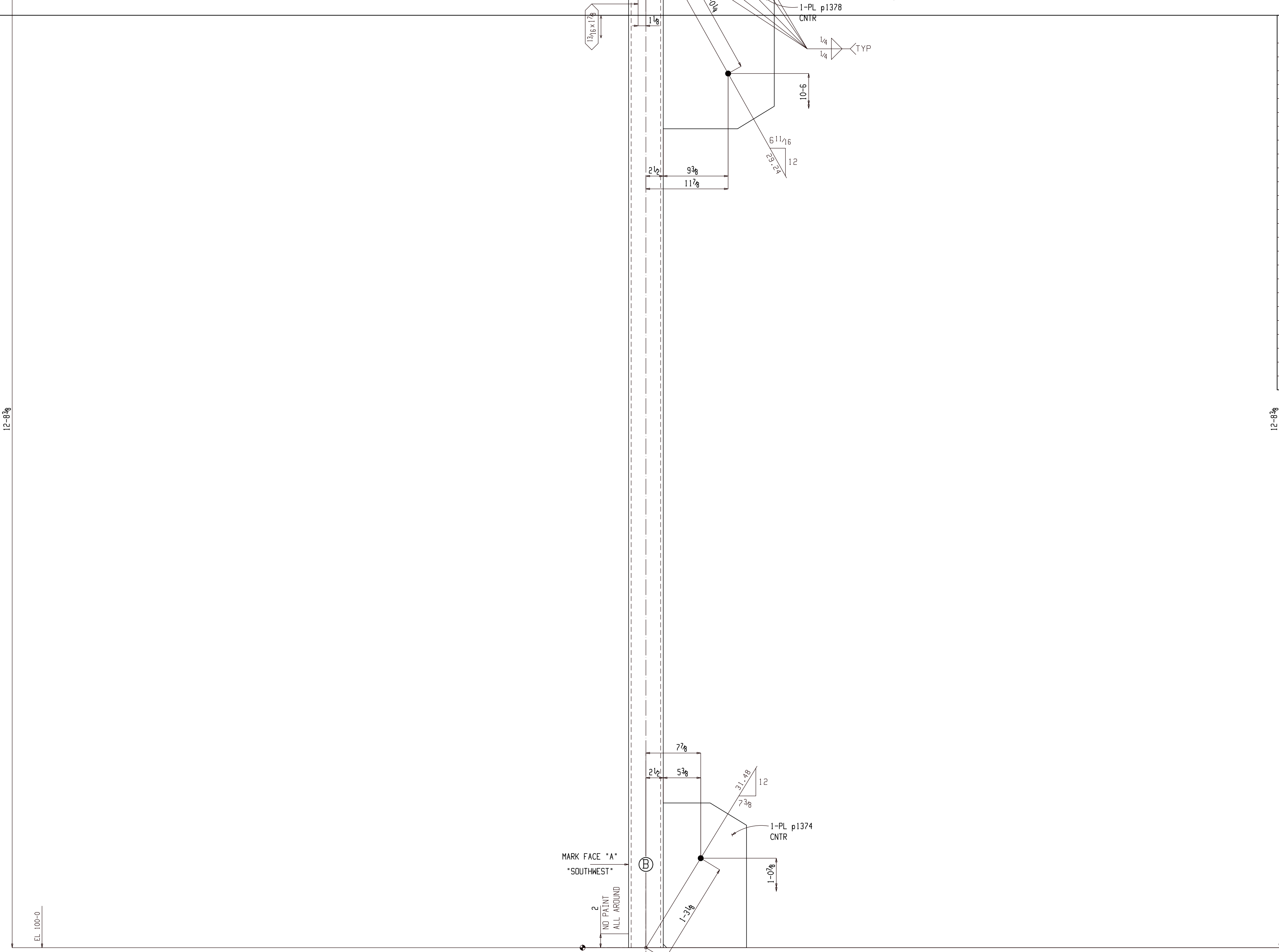
AT GRID: X6 & Y3  
 (E REFER: E202)  
 1SC PRIMER



**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE		
HOLES	13/16Ø DIA (UNO)	
SURFACE	SP2	
FINISH	1SC PRIMER	
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS	
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE	
ELECTRODES	E70XX LOW HYDROGEN	
ALL HEADED/THRD STUD AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	
	A For Approval	05-06-22
REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT			PROJECT NO	REV
DRAWN	AKM	JOB NAME	2210	A
DATE	04-04-22	MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		
APPROVED	04-04-22	GREAT FALLS, MONTANA		
			DWG NO	
			02C211	



ONE COLUMN 02C212

AT GRID:  
(E REFER: E202)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C212		COLUMN				939	939
1		02C212	HSS5x5x3/8	A500C		25-6 1/8	571	571
3		st30	TWS3/4	A108		3	0	1
1		p1378	PL3/8x16	A572-50		4-8 7/16	96	96
1		p1268	PL3/8x16	A572-50		2-11 3/8	60	60
1		p1374	PL3/8x12	A572-50		1-8 7/8	27	27
3		p1246	PL3/4x5	A572-50		1-4 1/4	17	52
1		p676	PL3/4x5	A572-50		1-10	23	23
1		p657	PL1/4x4	A36		9	3	3
2		p655	PL1/4x4	A36		6	2	3
2		p1251	PL1/2x10 5/8	A572-50		2-4 1/2	43	86
1		p691	PL1/2x5	A36		6	4	4
1		p670	PL1/2x5	A36		9	6	6
2		a352	L3 1/2x3x1/4	A36		8	4	7

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

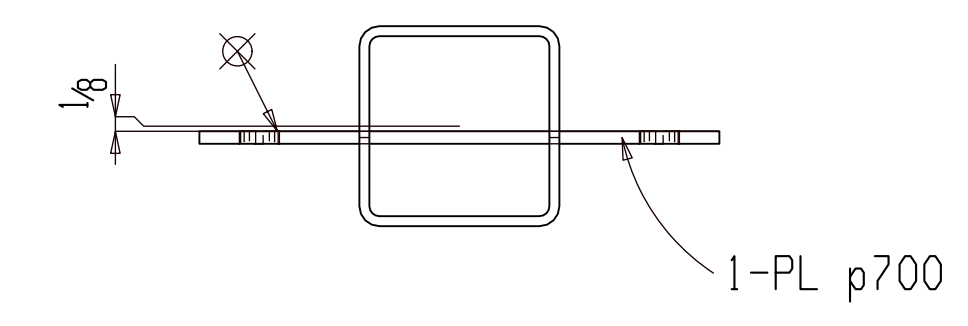
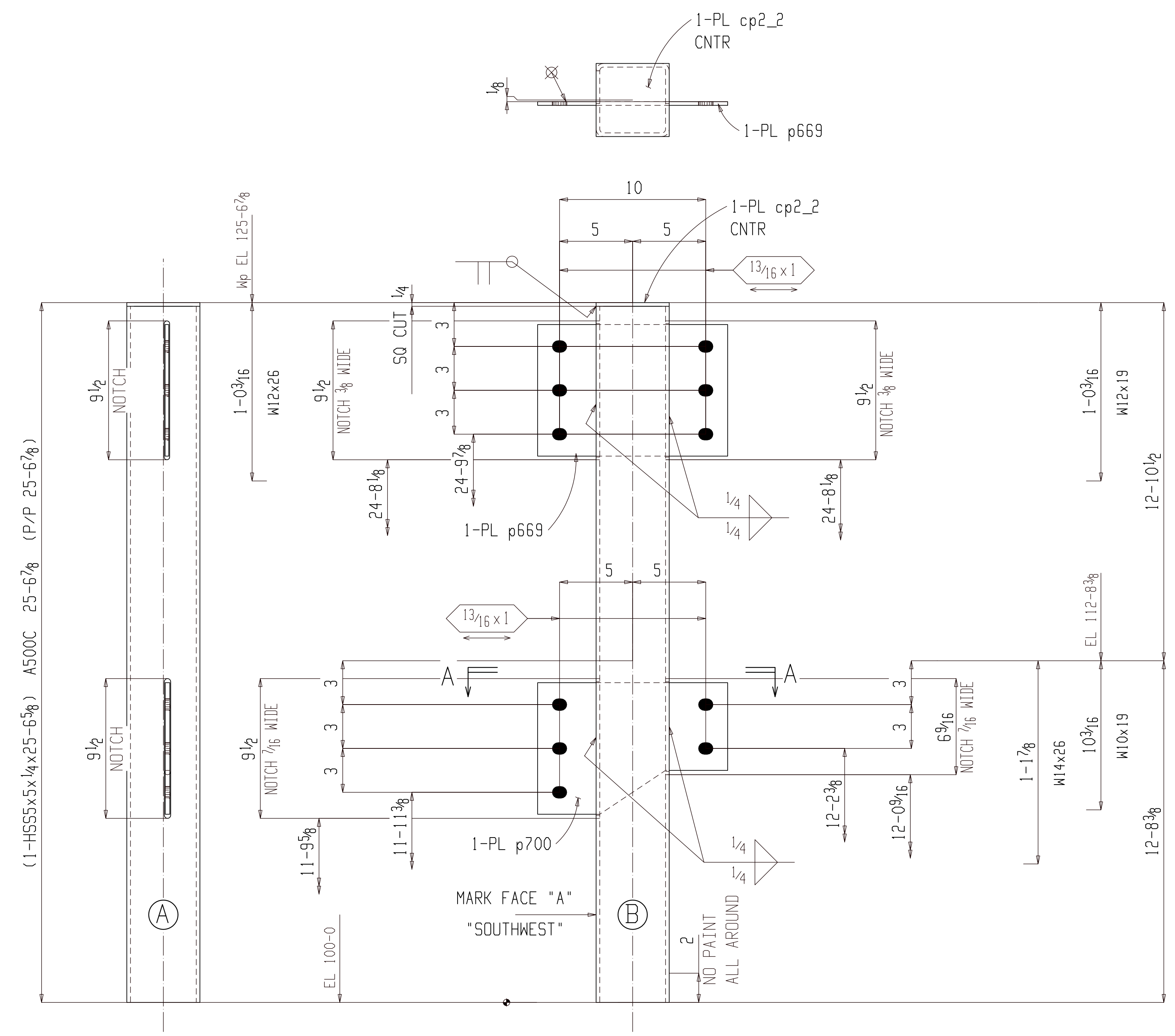
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 02C212	

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C213		COLUMN					420	420
1		02C213	HSS5x5x1/4	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>		399	399
1		p700	PL5 <sup>1</sup> / <sub>16</sub> x9	A36		1-1		10	10
1		p669	PL1 <sup>1</sup> / <sub>4</sub> x9	A36		1-1		8	8
1		cp2_2	PL1 <sup>1</sup> / <sub>4</sub> x5	A36		5		2	2



Section A-A  
02C213

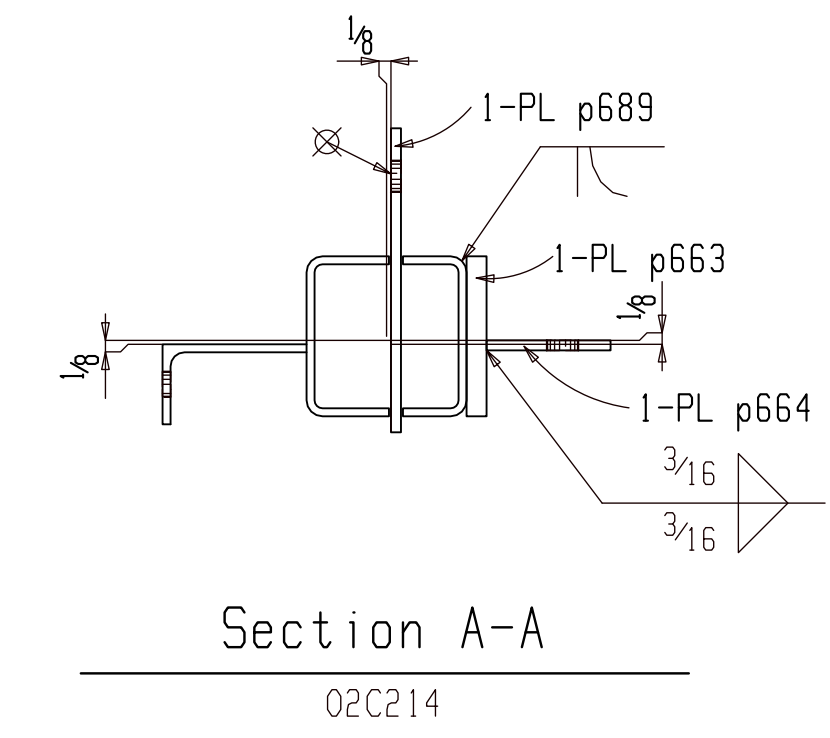
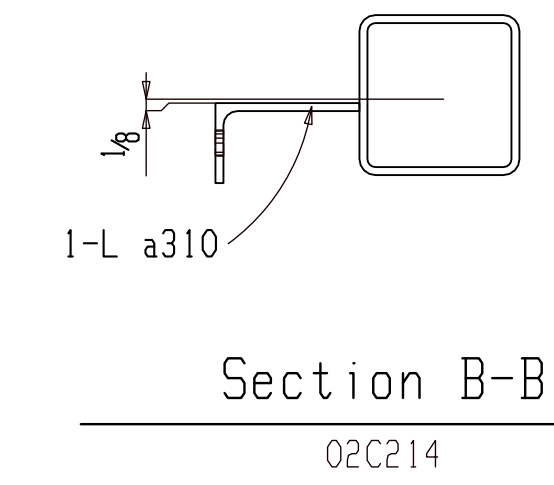
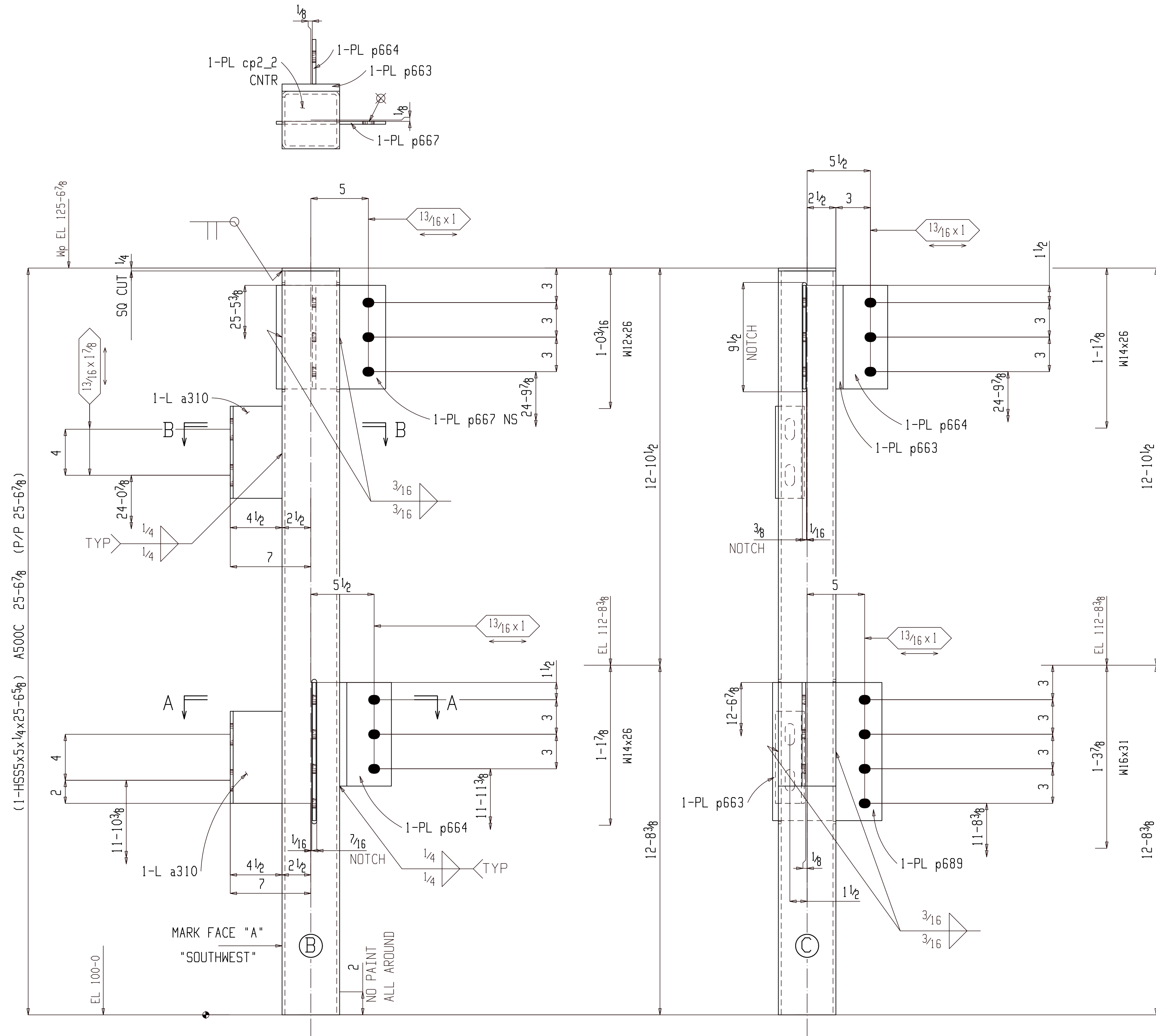
**ONE COLUMN 02C213**

AT GRID:  
X6 & Y2  
(E REFER: E202)  
1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE
GENERAL ARRANGEMENT			
DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22		PROJECT NO: 2210 JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA REV: A DWG NO: 02C213	

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight	Weight
ONE	02C214		COLUMN				448	448
1		02C214	HSS5x5x1/4	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>	399	399
1		p689	PL5/16x9 1/2	A36		1-0	10	10
2		p664	PL5/16x3 7/8	A36		9	3	6
2		p663	PL5/8x5	A36		9	8	16
1		p667	PL1/4x9	A36		9 1/2	6	6
1		cp2_2	PL1/4x5	A36		5	2	2
2		a310	L5x3x1/4	A36		8	4	9



**ONE COLUMN 02C214**

AT GRID:  
y-1 & X6

(E REFER: E202)  
1SC PRIMER

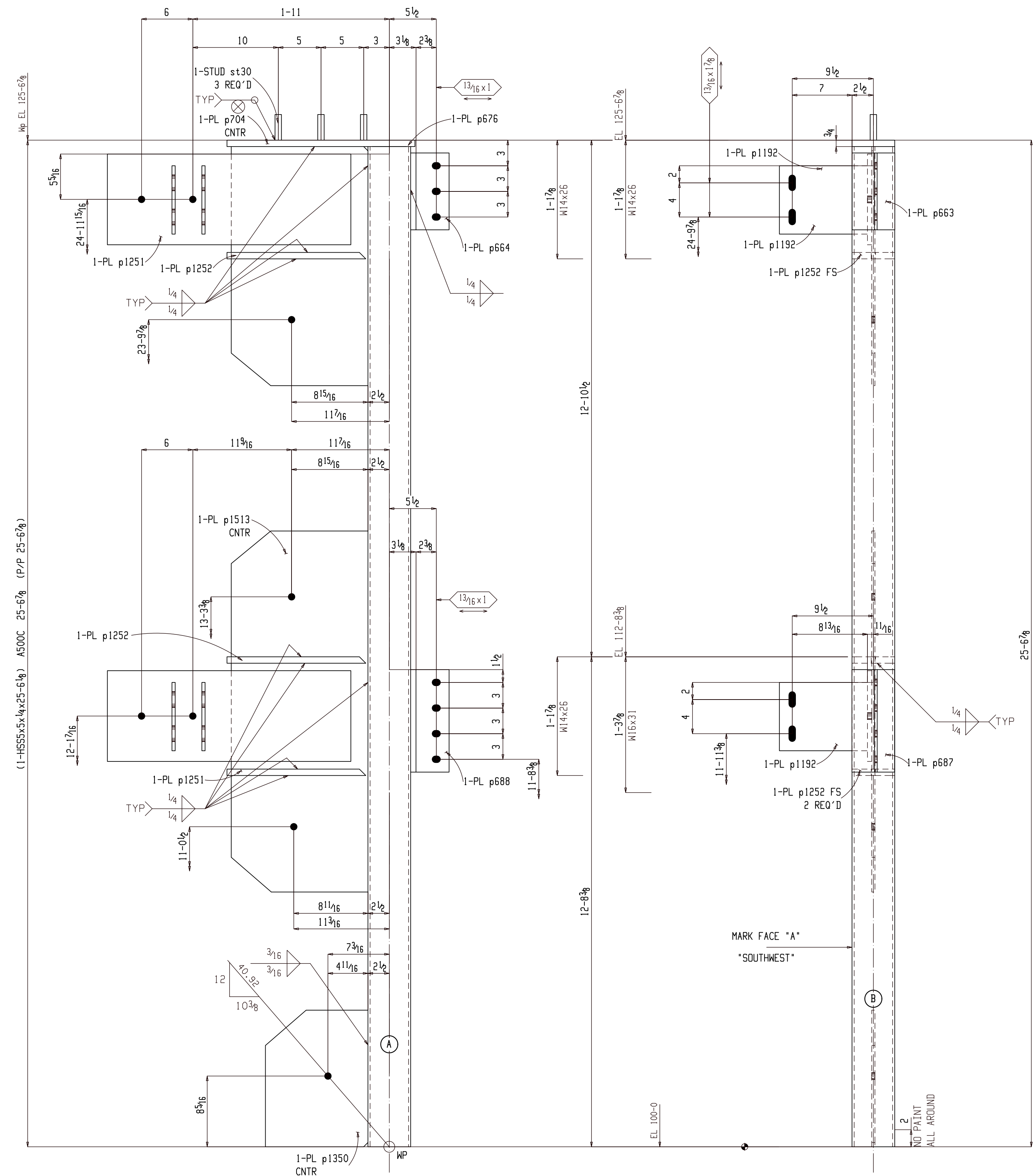
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	△
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	02C214



ONE COLUMN 02C215  
 AT GRID: (E REFER: E202)  
 B & Y1  
 1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C215		COLUMN					762	762
1		02C215	HSS5x5x1/4	A500C	S2E	25-6 1/8		398	398
3		st30	TWS3/4	A108		3		0	1
1		p688	PL5/16x37/8	A36		1-0		4	4
1		p664	PL5/16x37/8	A36		9		3	3
1		p687	PL5/8x5	A36		1-0		11	11
1		p663	PL5/8x5	A36		9		8	8
1		p1513	PL3/8x16	A572-50		3-6 1/4		72	72
1		p704	PL3/8x16	A572-50		2-4		48	48
1		p1350	PL3/8x12	A36		1-4		20	20
4		p1192	PL3/8x8	A36		10 5/16		9	35
3		p1252	PL3/4x5	A572-50		1-4 1/4		17	52
1		p676	PL3/4x5	A572-50		1-10		23	23
2		p1251	PL1/2x10 5/8	A572-50		2-4 1/2		43	86

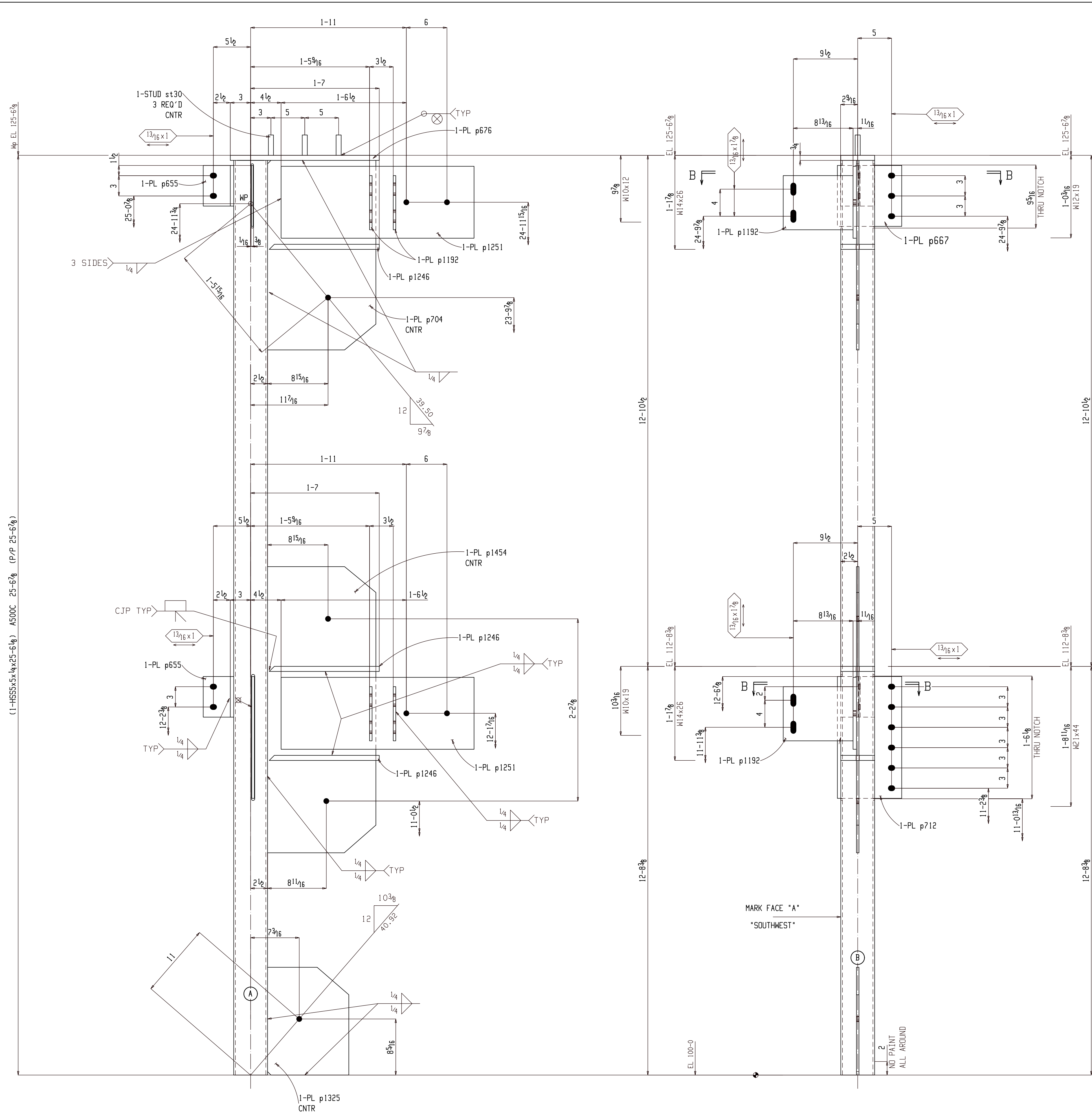
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

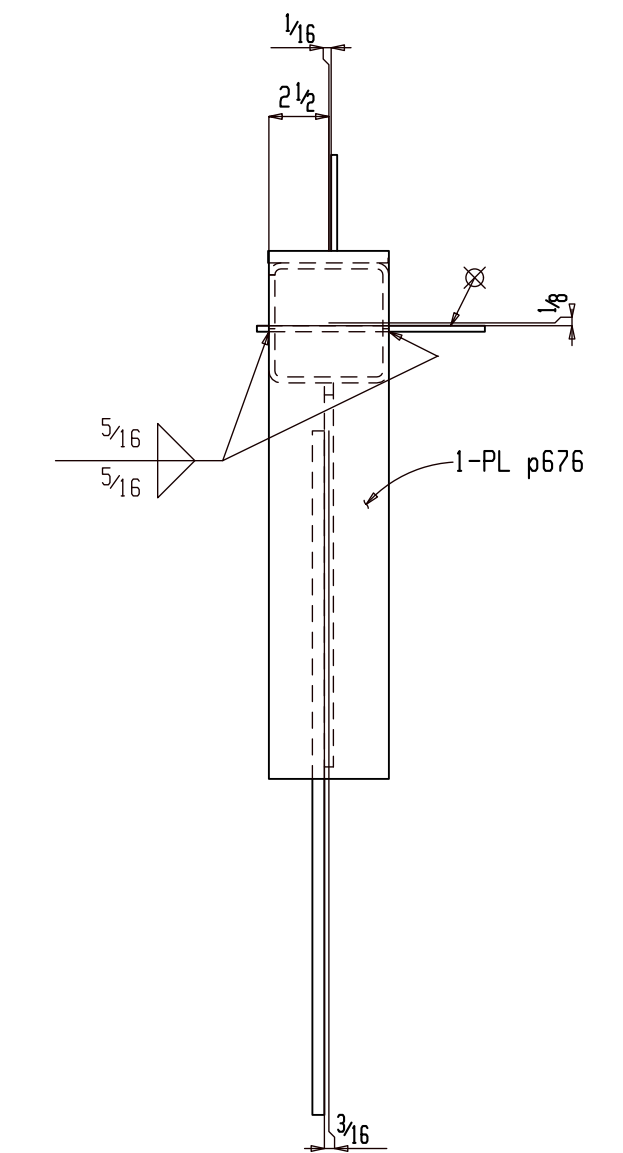
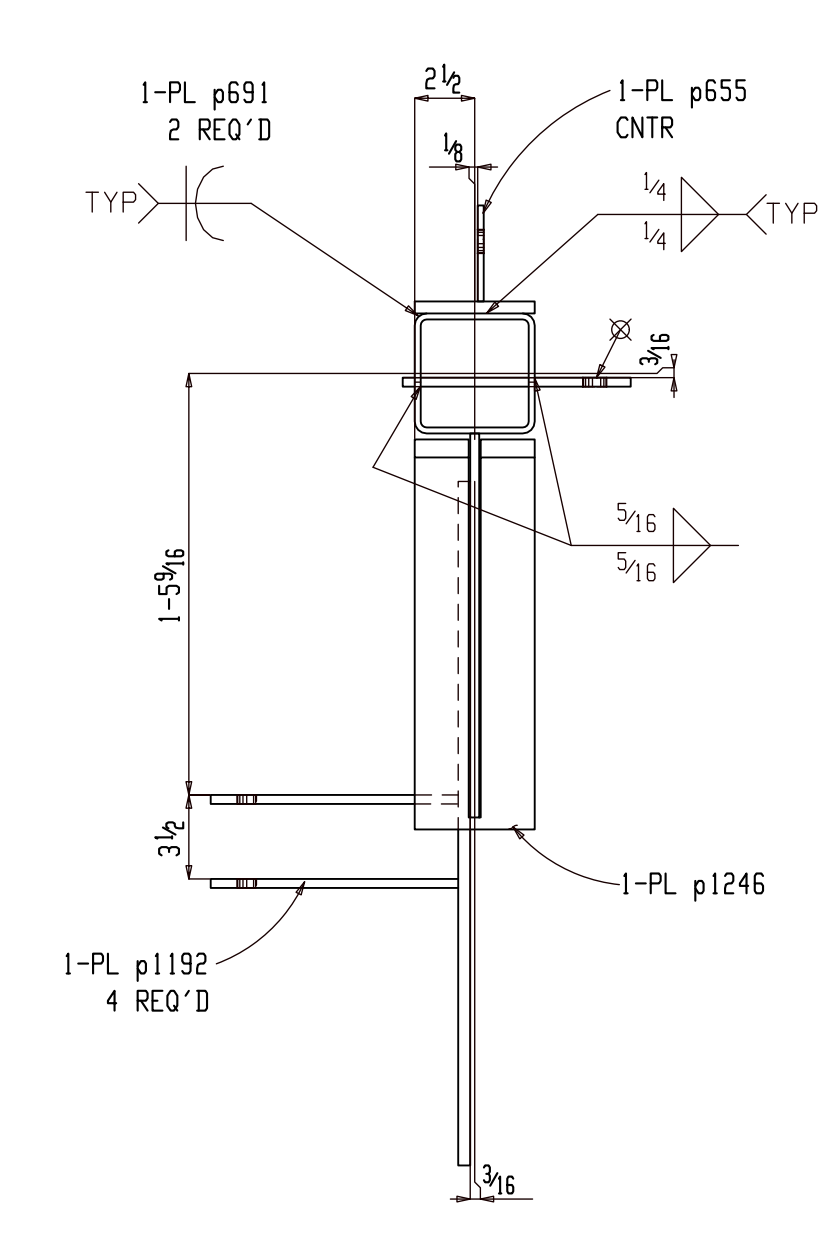
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO	02C215



ONE COLUMN 02C216  
 AT GRID:  
 y-1 & X3  
 (E REFER: E202)  
 ISC PRIMER



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C216		COLUMN					772	772
1		02C216	HSS5x5x1/4	A500C	S2E	25-6 1/8		398	398
3		st30	TWS 3/4	A108		3	0	1	
1		p1454	PL 3/8x16	A572-50		3-6 1/4	72	72	
1		p704	PL 3/8x16	A572-50		2-4	48	48	
1		p1325	PL 3/8x12	A36		1-3 15/16	20	20	
1		p712	PL 3/8x9 1/2	A36		1-6	18	18	
4		p1192	PL 3/8x8	A36		10 5/16	9	35	
3		p1246	PL 3/4x5	A572-50		1-4 1/4	17	52	
1		p676	PL 3/4x5	A572-50		1-10	23	23	
1		p667	PL 1/4x9	A36		9 1/2	6	6	
2		p655	PL 1/4x4	A36		6	2	3	
2		p1251	PL 1/2x10 5/8	A572-50		2-4 1/2	43	86	
2		p691	PL 1/2x5	A36		6	4	9	

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

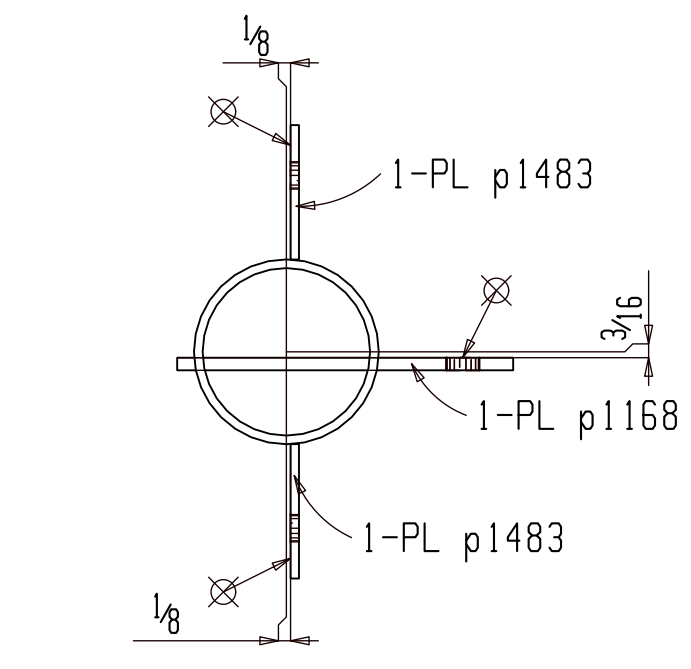
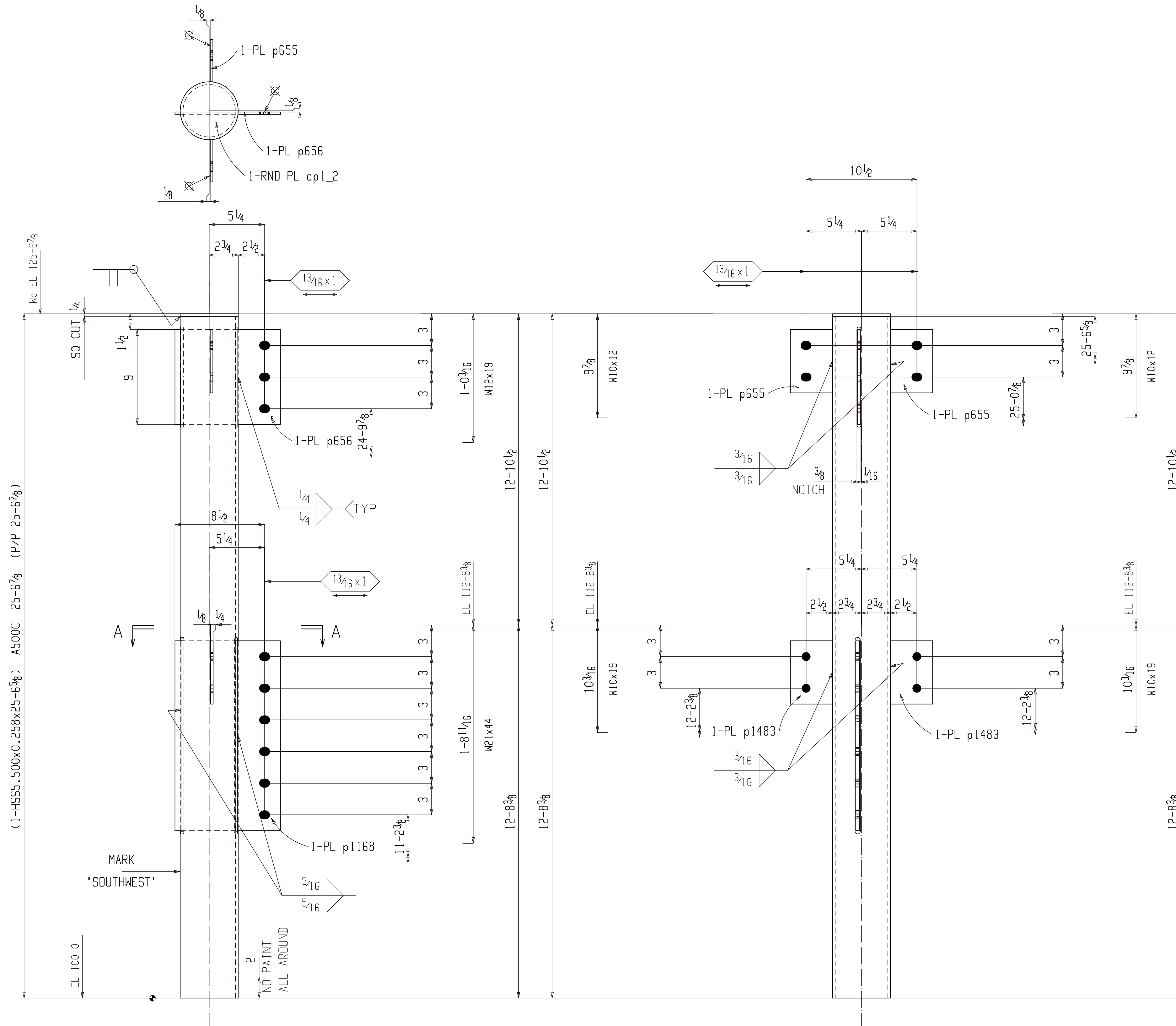
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
		2210	A
DRAWN	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKED	ALN	DWG NO	02C216
APPROVED	04-04-22		

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C217		COLUMN					403	403
1		02C217	HSS5.500x0.258	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>	369	369	
1		p1168	PL <sup>3</sup> / <sub>8</sub> x10	A36		1-6	19	19	
1		p656	PL <sup>1</sup> / <sub>4</sub> x9	A36		10	6	6	
1		cp1_2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36			2	2	
2		p1483	PL <sup>1</sup> / <sub>4</sub> x4	A36		6	2	3	
2		p655	PL <sup>1</sup> / <sub>4</sub> x4	A36		6	2	3	



Section A-A  
02C217

**ONE COLUMN 02C217**

AT GRID: (E REFER: E202)  
y-1 & X2  
1SC PRIMER

**FOR APPROVAL**

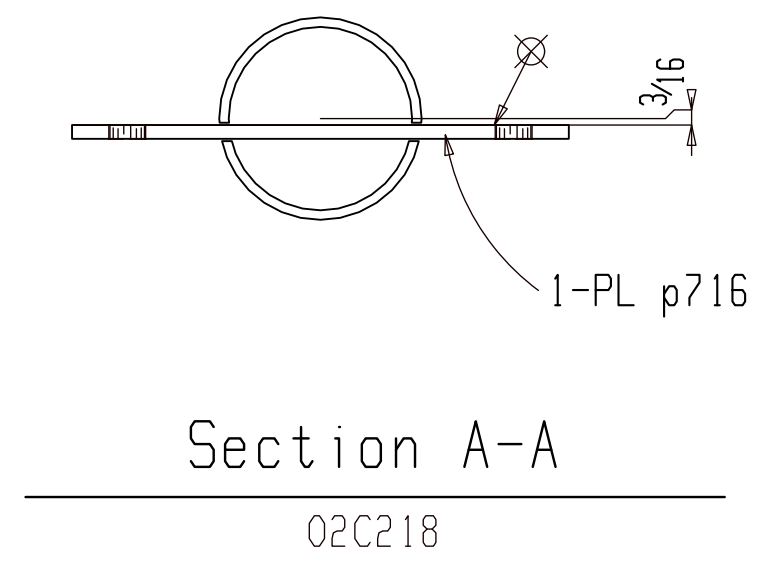
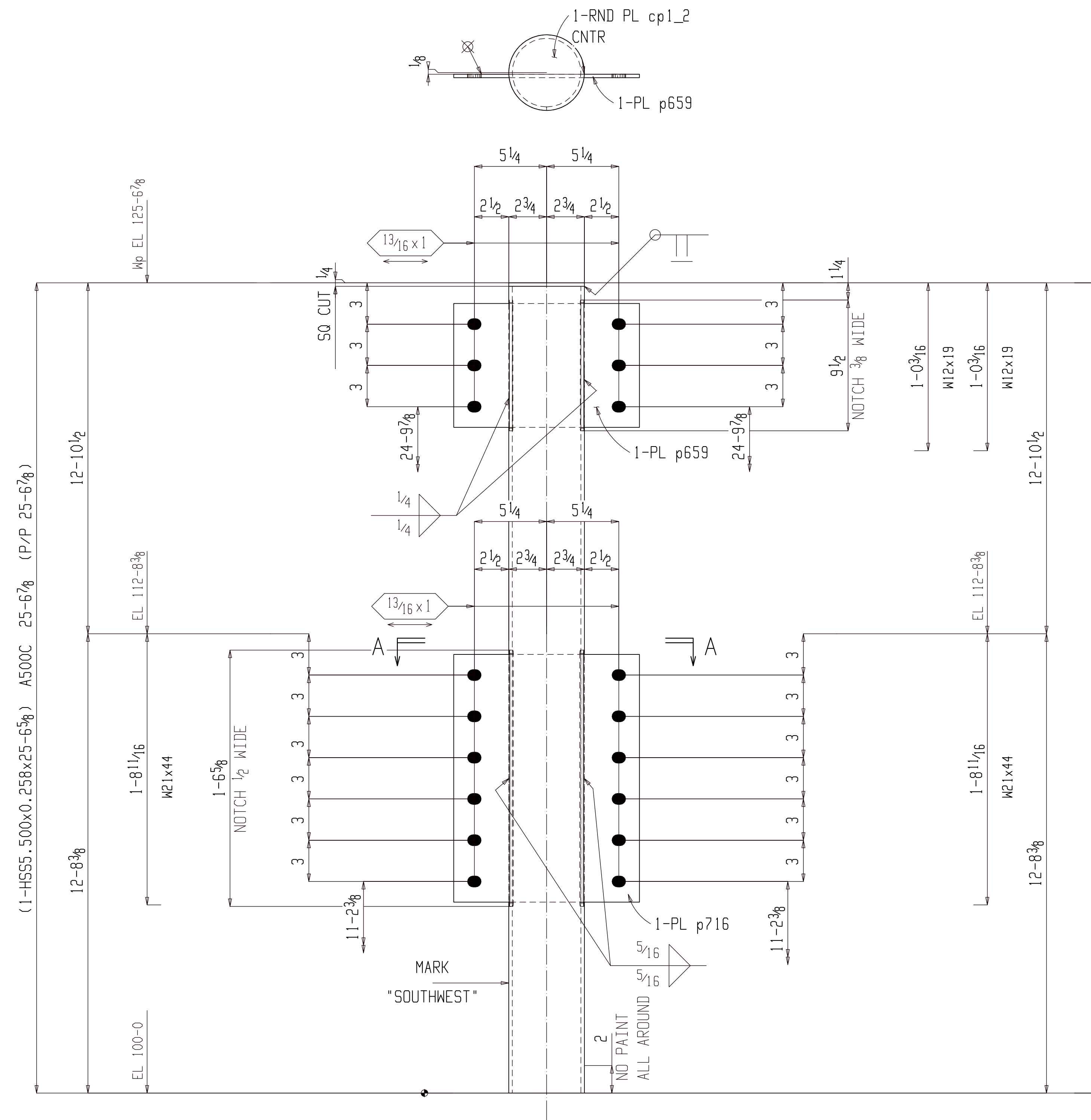
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

GENERAL ARRANGEMENT				PROJECT NO	REV
DRAWN	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C217
CHECKER	ALN				
APPROVED	04-04-22				



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C218		COLUMN					406	406
1		02C218	HSS5.500x0.258	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>		369	369
1		p716	PL <sup>3</sup> / <sub>8</sub> x13 <sup>1</sup> / <sub>2</sub>	A36		1-6		26	26
1		p659	PL <sup>1</sup> / <sub>4</sub> x9	A36		1-1 <sup>1</sup> / <sub>2</sub>		9	9
1		cp1_2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36				2	2



**ONE COLUMN 02C218**

AT GRID:  
X2 & Y2

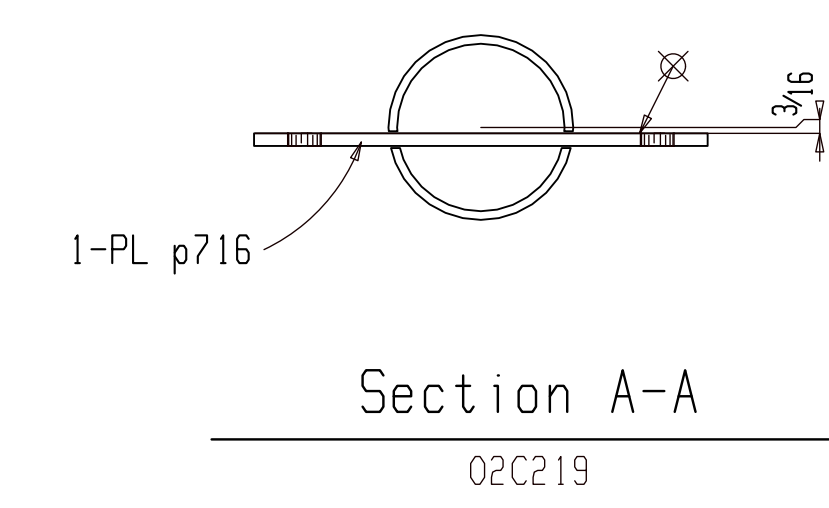
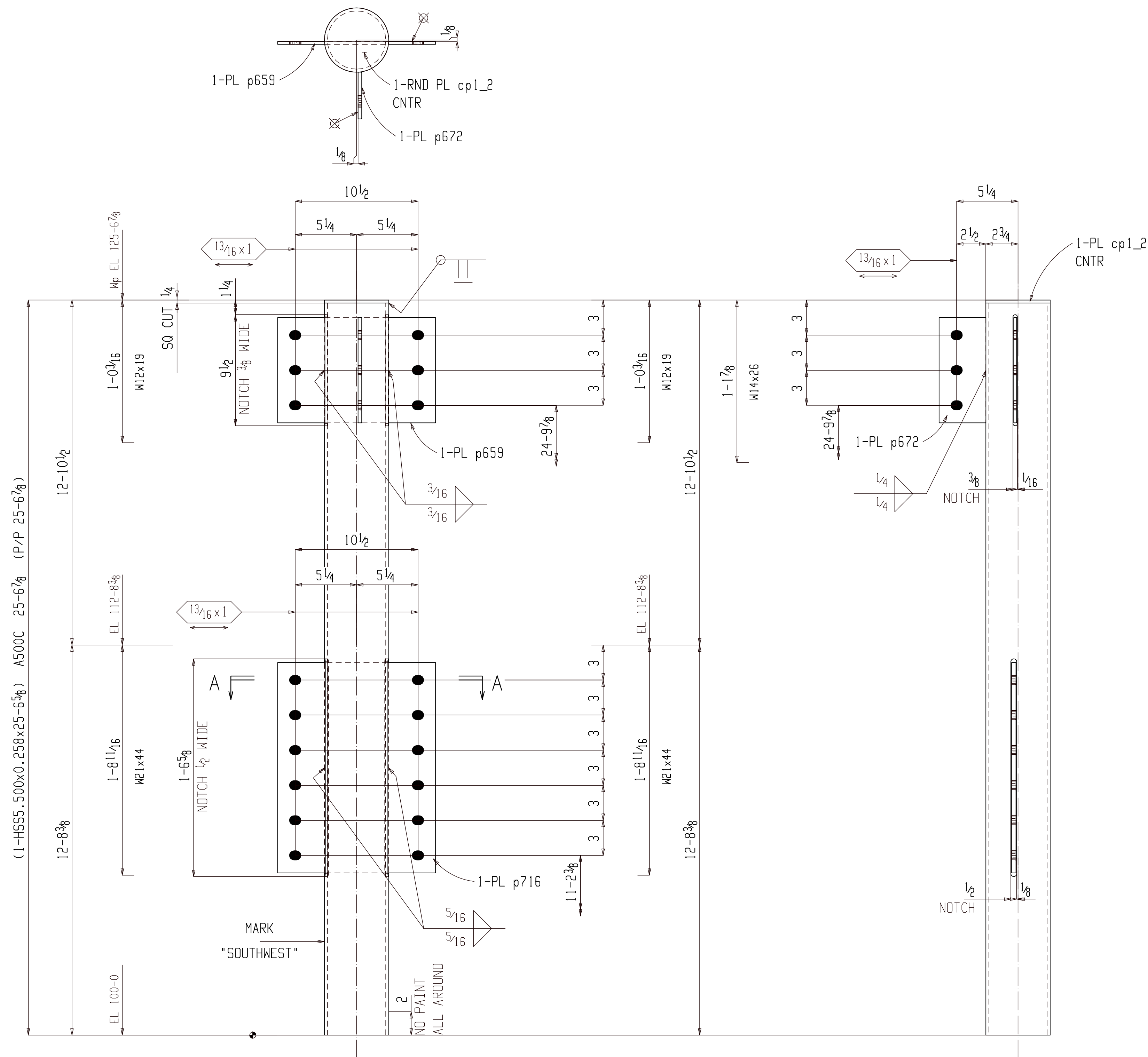
(E REFER: E202)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE
GENERAL ARRANGEMENT			
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	PROJECT NO	2210
		DWG NO	02C218

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C219		COLUMN					409	409
1		02C219	HSS5.500x0.258	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>	369	369	
1		p672	PL <sup>5</sup> / <sub>16</sub> x4	A36		9	3	3	
1		p716	PL <sup>3</sup> / <sub>8</sub> x13 <sup>1</sup> / <sub>2</sub>	A36		1-6	26	26	
1		p659	PL <sup>1</sup> / <sub>4</sub> x9	A36		1-1 <sup>1</sup> / <sub>2</sub>	9	9	
1		cp1_2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36			2	2	



ONE COLUMN 02C219

AT GRID: X3 & Y2 (E REFER: E202)

ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13 <sup>1</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

GENERAL ARRANGEMENT

PROJECT NO 2210 REV A

DRAWING NO 02C219

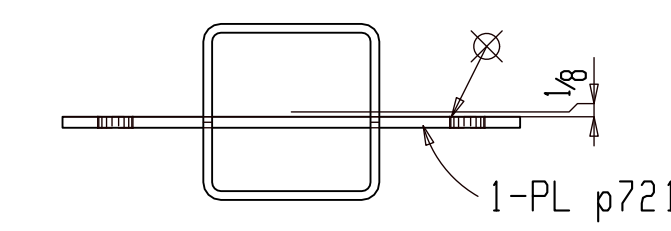
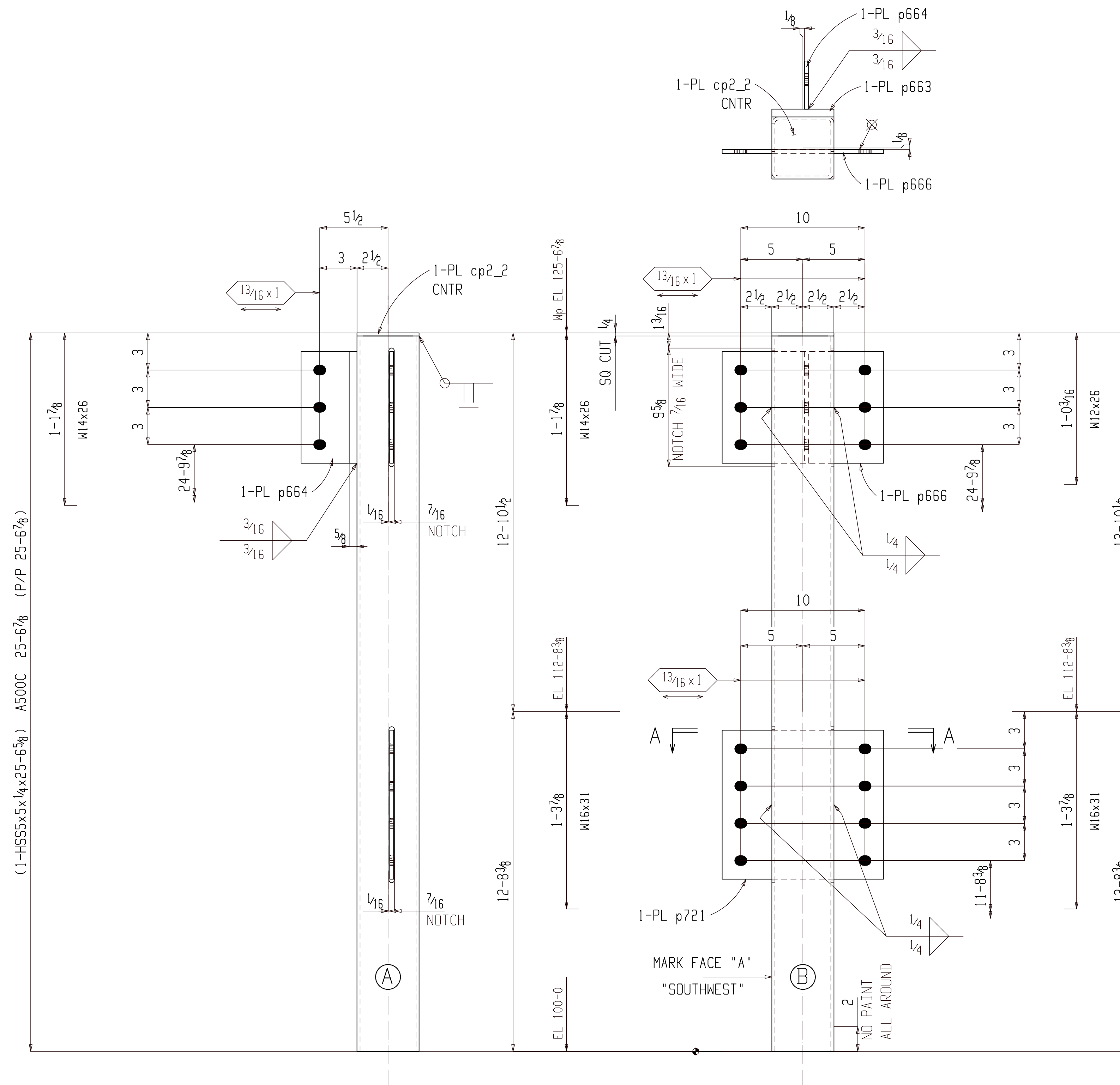
DATE 04-04-22 JOB NAME MILWAUKEE STATION APARTMENTS

CHECKER ALN JOB LOCATION GREAT FALLS, MONTANA

APPROVED 04-04-22

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C220		COLUMN					436	436
1		02C220	HSS5x5x1/4	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>		399	399
1		p721	PL5 <sup>1</sup> / <sub>8</sub> x12	A36		1-1	14	14	14
1		p666	PL5 <sup>1</sup> / <sub>8</sub> x9	A36		1-1	10	10	10
1		p664	PL5 <sup>1</sup> / <sub>8</sub> x3 <sup>7</sup> / <sub>8</sub>	A36			9	3	3
1		p663	PL5 <sup>1</sup> / <sub>8</sub> x5	A36			9	8	8
1		cp 2	PL1 <sup>1</sup> / <sub>4</sub> x5	A36			5	2	2



Section A-A

02C220

ONE COLUMN 02C220

AT GRID:  
X4 & Y2

(E REFER: E202)

ISC PRIMER

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

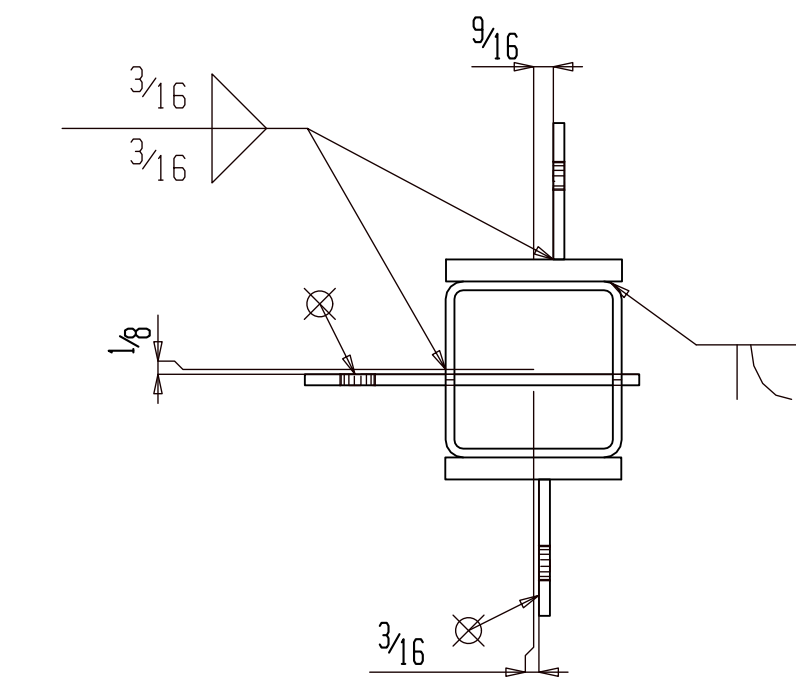
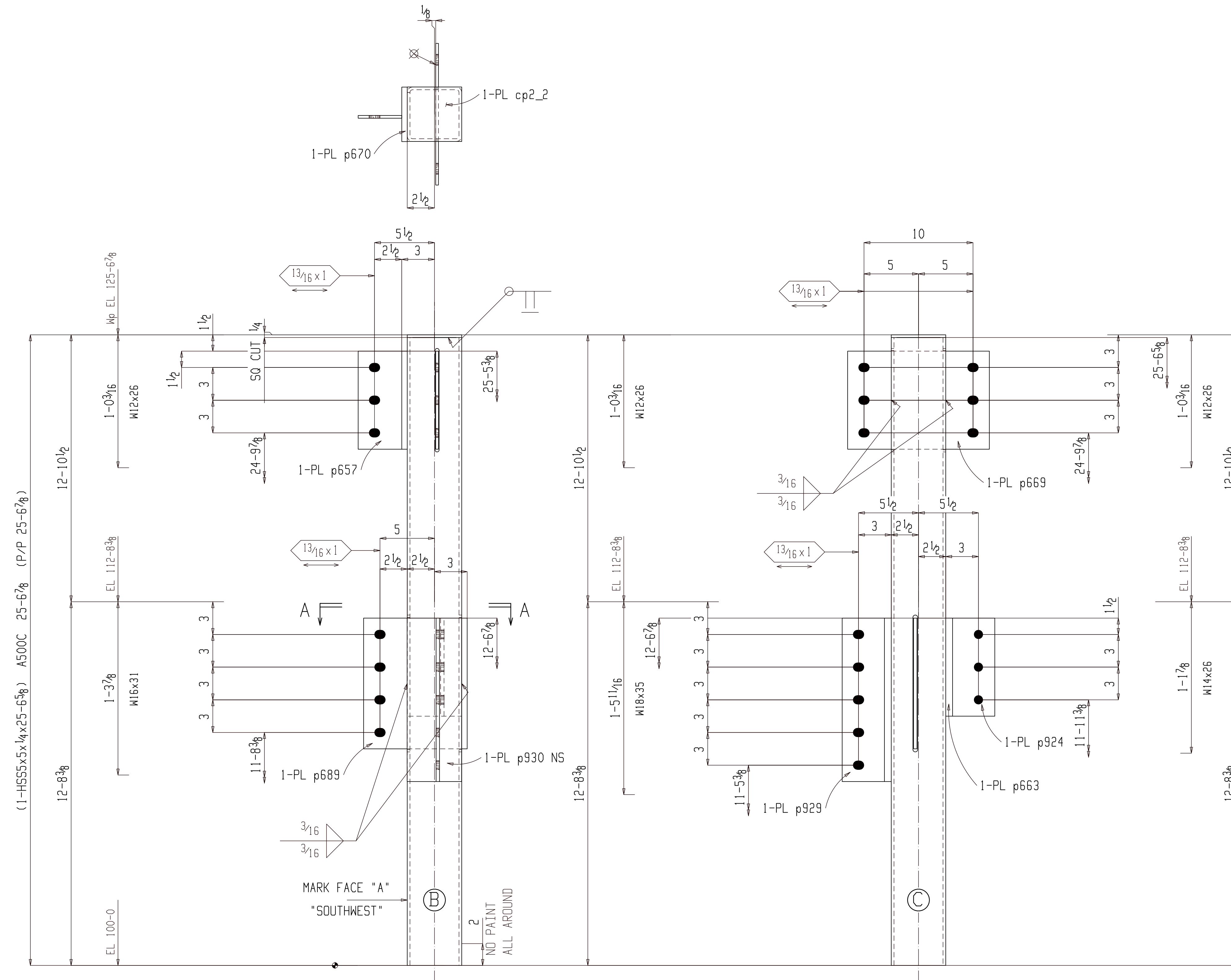
HOLES	13 <sup>1</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	04-04-22	JOB NAME	2210	△
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22		GREAT FALLS, MONTANA	
				DWG NO 02C220

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C221		COLUMN					458	458
1		02C221	HSS5x5x1/4	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>		399	399
1		p689	PL <sup>5</sup> / <sub>16</sub> x9 <sup>1</sup> / <sub>2</sub>	A36		1-0	10	10	10
1		p929	PL <sup>5</sup> / <sub>16</sub> x3 <sup>7</sup> / <sub>8</sub>	A36		1-3	5	5	5
1		p924	PL <sup>5</sup> / <sub>16</sub> x3 <sup>7</sup> / <sub>8</sub>	A36		9	3	3	3
1		p930	PL <sup>5</sup> / <sub>8</sub> x5	A36		1-3	13	13	13
1		p663	PL <sup>5</sup> / <sub>8</sub> x5	A36		9	8	8	8
1		p669	PL <sup>1</sup> / <sub>4</sub> x9	A36		1-1	8	8	8
1		cp2_2	PL <sup>1</sup> / <sub>4</sub> x5	A36		5	2	2	2
1		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3	3
1		p670	PL <sup>1</sup> / <sub>2</sub> x5	A36		9	6	6	6



Section A-A

02C221

**ONE COLUMN 02C221**

AT GRID:  
X4 & Y3

(E REFER: E203)

1 SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

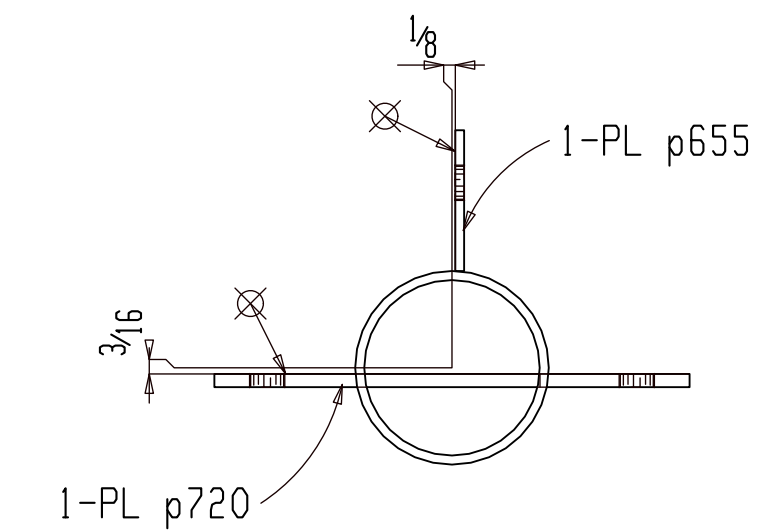
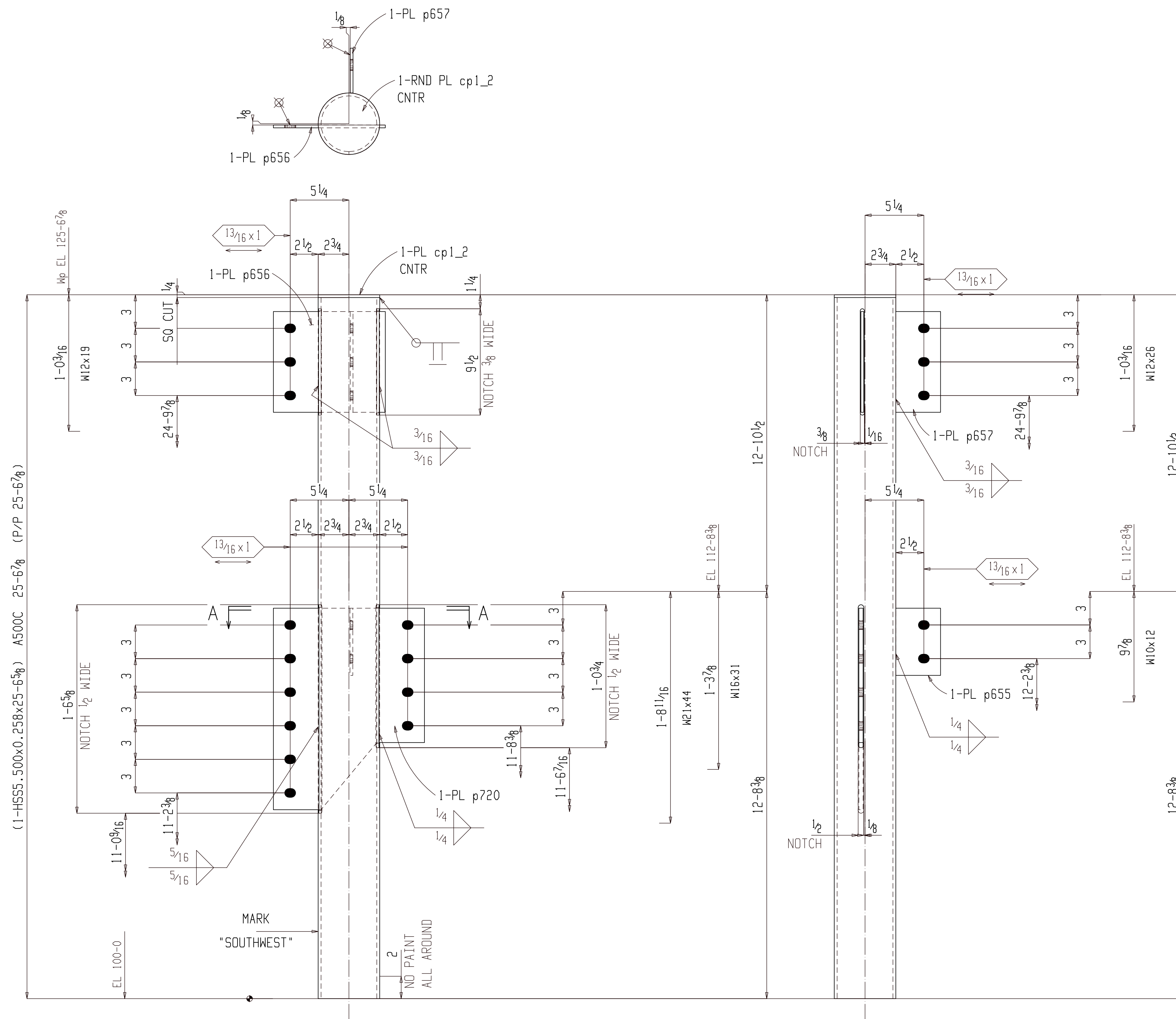
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DRAWN	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C221
CHECKER	ALN				
APPROVED	04-04-22				

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C222		COLUMN					408	408
1		02C222	HSS5.500x0.258	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>	369	369	
1		p720	PL <sup>3</sup> / <sub>8</sub> x13 <sup>1</sup> / <sub>2</sub>	A36		1-6	26	26	
1		p656	PL <sup>1</sup> / <sub>4</sub> x9	A36		10	6	6	
1		cp1_2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36			2	2	
1		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3	
1		p655	PL <sup>1</sup> / <sub>4</sub> x4	A36		6	2	2	



Section A-A  
02C222

ONE COLUMN 02C222

AT GRID:  
X3 & Y3

(E REFER: E202)

1SC PRIMER

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

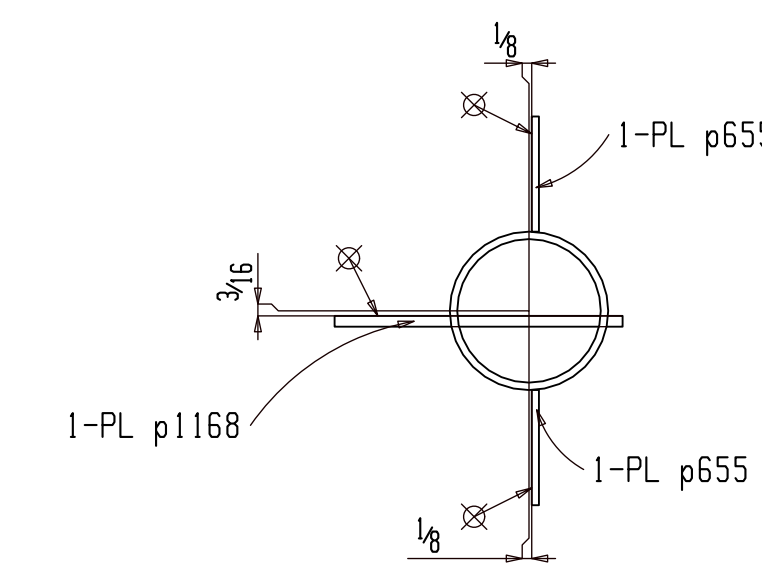
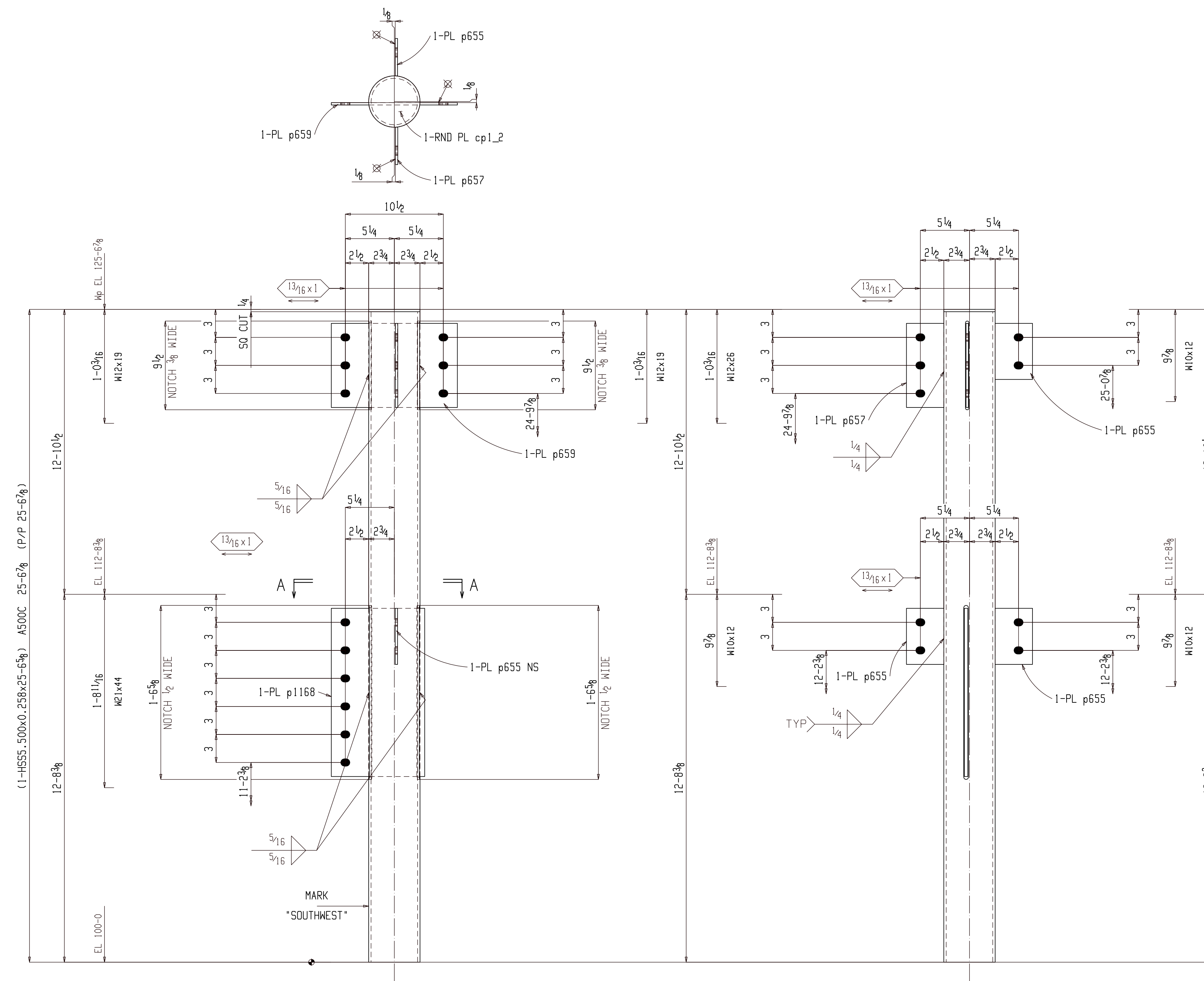
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO
APPROVED	04-04-22			02C222

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C223		COLUMN					
1		02C223	HSS5.500x0.258	A500C	S1E	25-6 <sup>5</sup> / <sub>8</sub>	369	369
1		p1168	PL <sup>3</sup> / <sub>8</sub> x10	A36		1-6	19	19
1		p659	PL <sup>1</sup> / <sub>4</sub> x9	A36		1-1 <sup>1</sup> / <sub>2</sub>	9	9
1		cp1_2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36			2	2
1		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3
3		p655	PL <sup>1</sup> / <sub>4</sub> x4	A36		6	2	5



**ONE COLUMN 02C223**

AT GRID: X2 & Y3  
 (E REFER: E202)  
 1 SC PRIMER

**Section A-A**  
 02C223

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

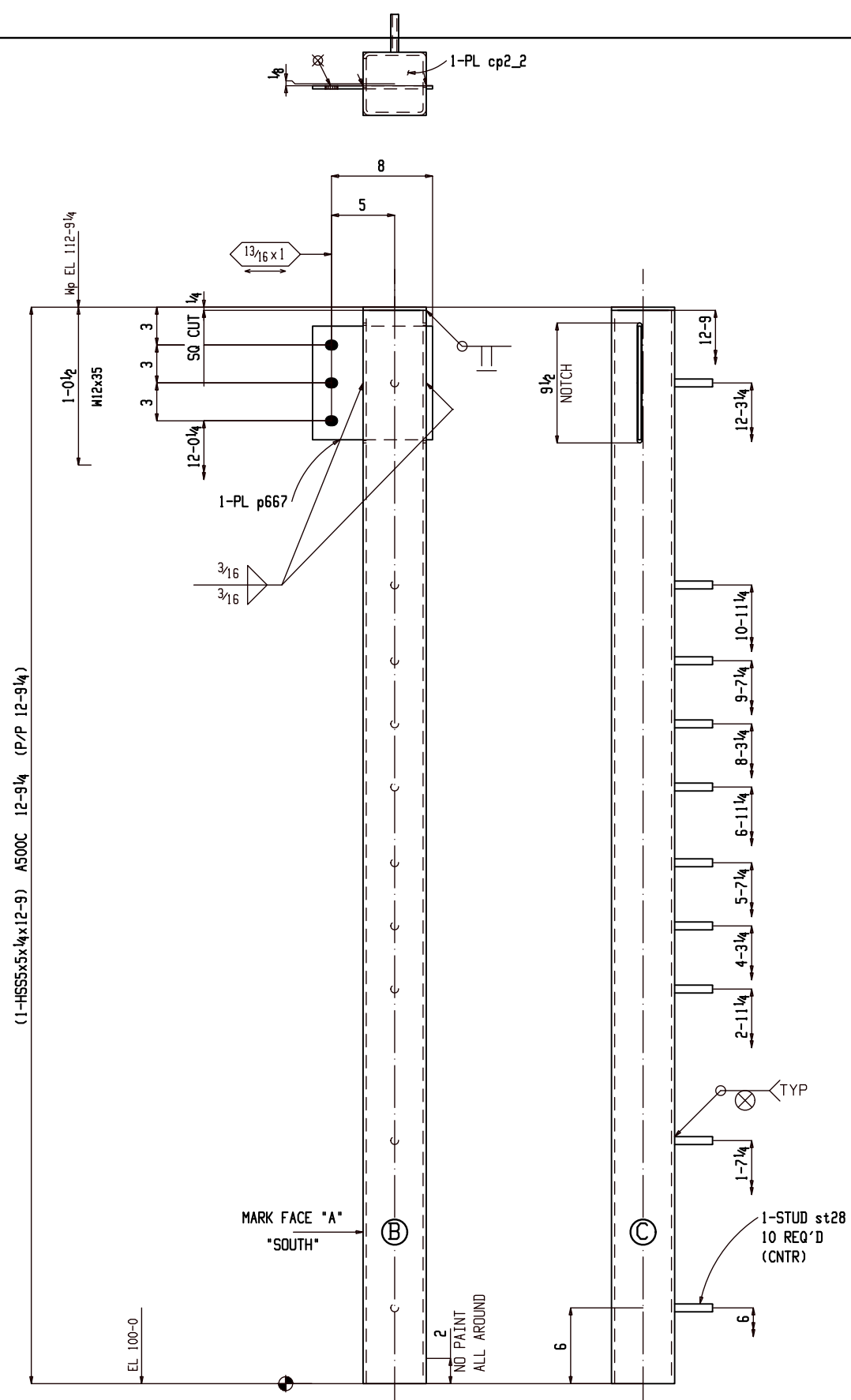
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE

GENERAL ARRANGEMENT

PROJECT NO: 2210  
 JOB NAME: MILWAUKEE STATION APARTMENTS  
 JOB LOCATION: GREAT FALLS, MONTANA

DATE: 04-04-22  
 CHECKER: ALN  
 APPROVED: 04-04-22

DATE: 04-04-22  
 CHECKER: ALN  
 APPROVED: 04-04-22



(1-HSS5.5x1/4x12-9) A500C 12-9 1/4 (P/P 12-9 1/4)

ONE COLUMN 02C224

AT GRID:  
C & 3

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C224		COLUMN				210	210
1		02C224	HSS5x5x1/4	A500C	S1E	12-9	199	199
10		st28	TWS5/8	A108		3	0	3
1		p667	PL 1/4x9	A36		9 1/2	6	6
1		cp2 2	PL 1/4x5	A36		5	2	2

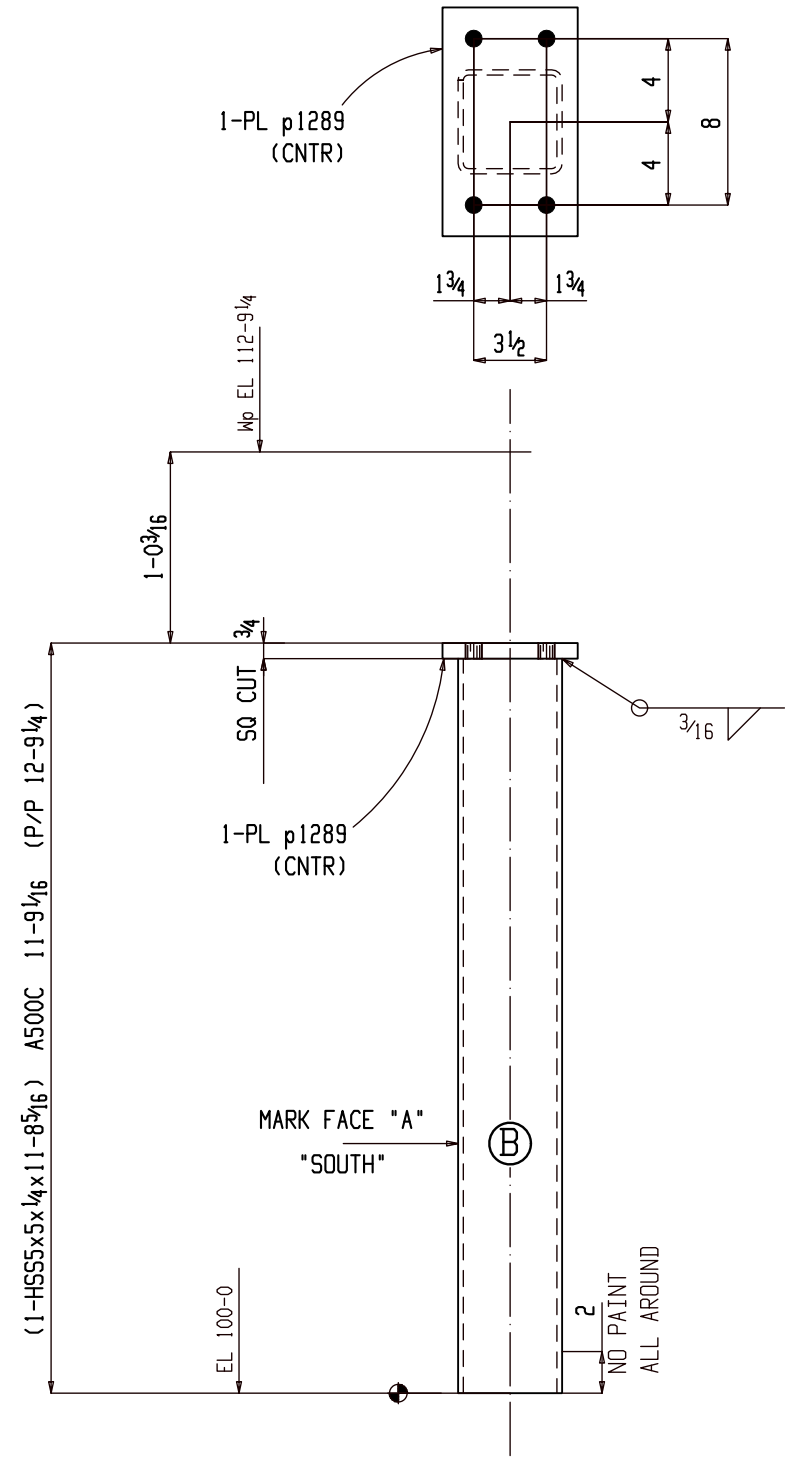
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM		MILWAUKEE STATION APARTMENTS		2210	
DATE	04-04-22	CHECKER	ALN		
CHECKER	04-04-22	APPROVED			
JOB LOCATION			GREAT FALLS, MONTANA	DWG NO	02C224



1-PL p1289  
(CNTR)

1-PL p1289  
(CNTR)

(1-HSS5x5x1/4x11-8 5/16) A500C 11-9 1/16 (P/P 12-9 1/4)

MARK FACE "A"  
"SOUTH"

EL 100-0

NO PAINT  
ALL AROUND

ONE COLUMN 02C225

(E REFER: E203)

AT GRID:  
L & 2

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C225		COLUMN				198	198
1		02C225	HSS5x5x1/4	A500C	S1E	11-8 5/16	183	183
1		p1289	PL 3/4x6 1/2	A36		11	15	15

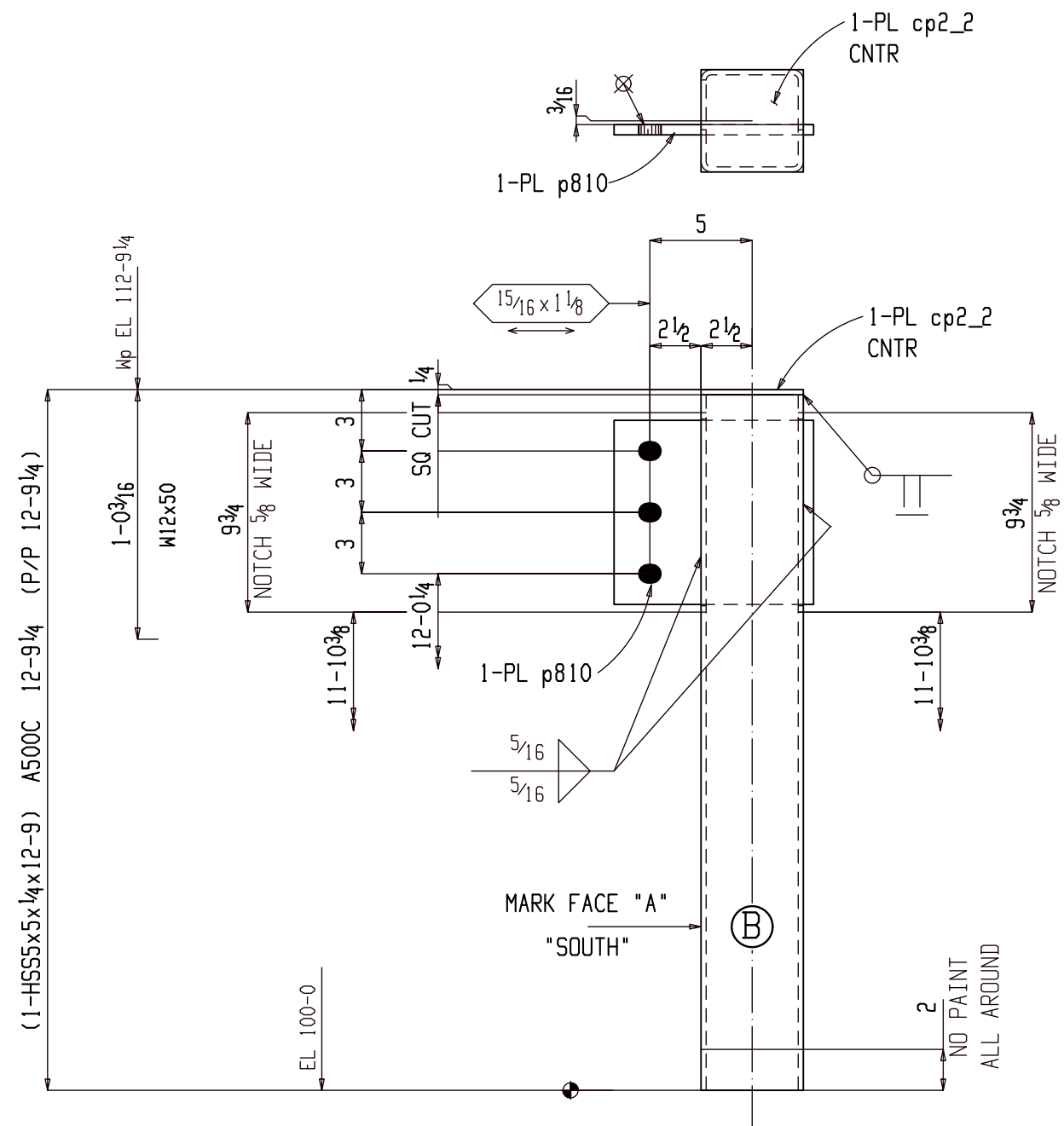
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
REV	DESCRIPTION		DATE
			05-06-22



GENERAL ARRANGEMENT				PROJECT NO	2210	REV	△
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	DWG NO	02C225		
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA				
APPROVED	04-04-22						





ONE COLUMN 02C226

(E REFER: E203)

AT GRID:  
G & 3

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

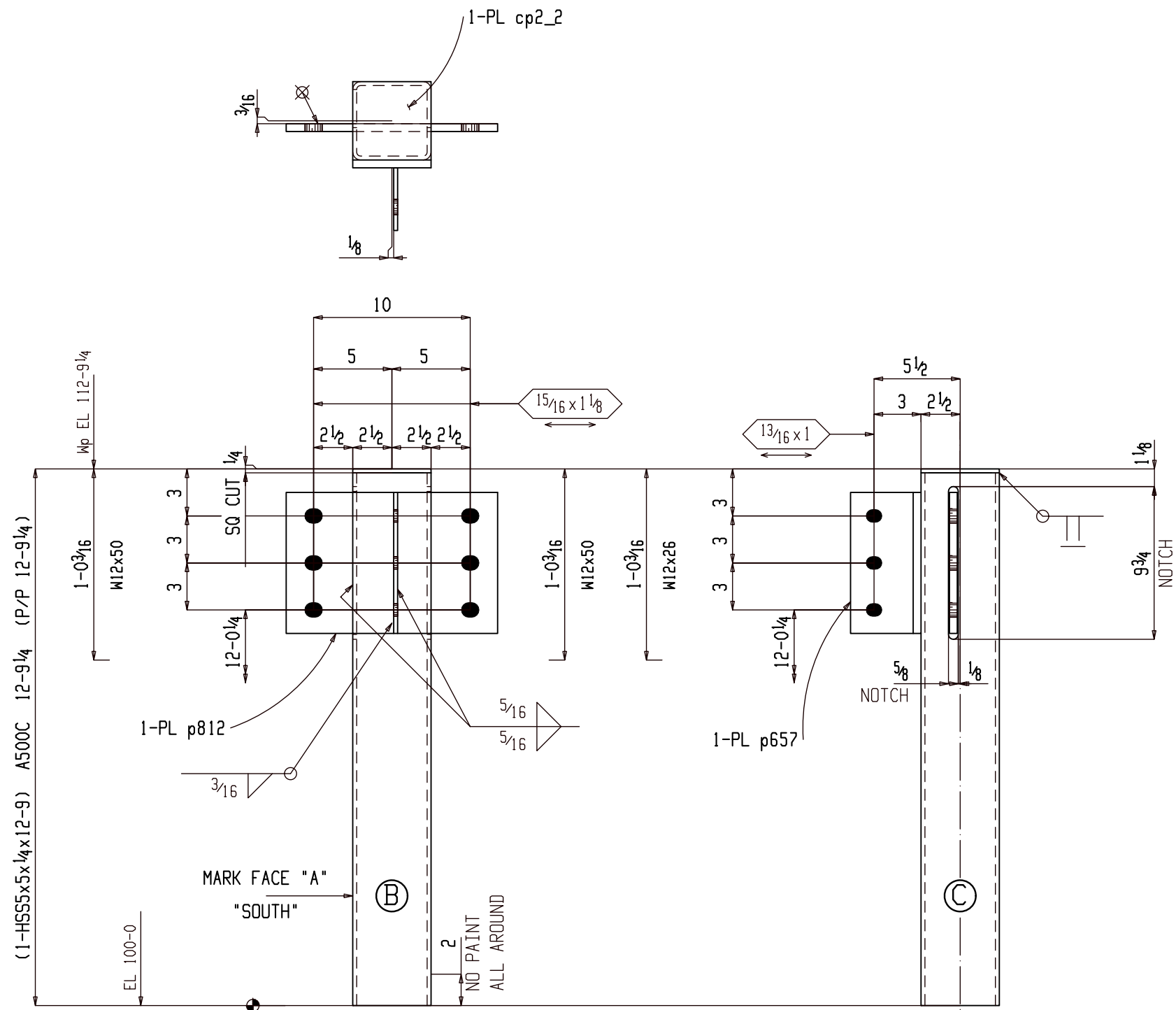
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C226		COLUMN				213	213
1		02C226	HSS5x5x1/4	A500C	S1E	12-9	199	199
1		cp2 2	PL 1/4x5	A36		5	2	2
1		p810	PL 1/2x9	A36		9 3/4	12	12

**FOR APPROVAL**  
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
REV	DESCRIPTION		DATE

**GENERAL ARRANGEMENT**

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DRG NO	02C226
CHECKER	ALN				
APPROVED	04-04-22				



ONE COLUMN 02C227

AT GRID: G & 2  
 (E REFER: E203)  
 PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C227		COLUMN				227	227
1		02C227	HSS5x5x1/4	A500C	S1E	12-9	199	199
1		cp2_2	PL 1/4x5	A36		5	2	2
1		p657	PL 1/4x4	A36		9	3	3
1		p812	PL 1/2x9	A36		1-11/2	17	17
1		p670	PL 1/2x5	A36		9	6	6

FOR APPROVAL

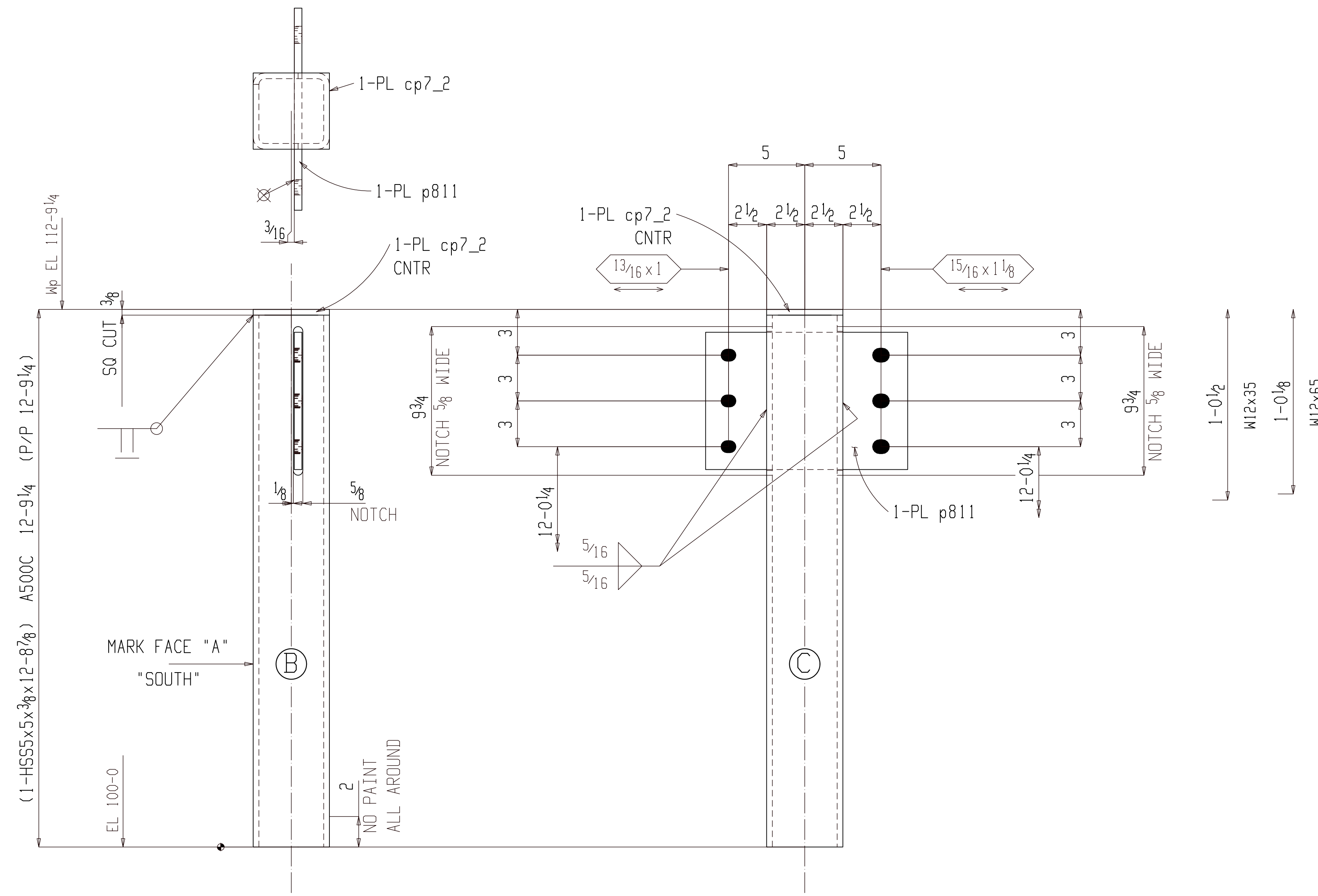
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C227
CHECKER	ALN				
APPROVED	04-04-22				

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight
ONE	02C228		COLUMN					305
1		02C228	HSS5x5x <sup>3</sup> / <sub>8</sub>	A500C	S1E	12-8 <sup>7</sup> / <sub>8</sub>	285	285
1		cp7_2	PL <sup>3</sup> / <sub>8</sub> x5	A36		5	3	3
1		p811	PL <sup>1</sup> / <sub>2</sub> x9	A36		1-1 <sup>1</sup> / <sub>4</sub>	17	17



ONE COLUMN 02C228

AT GRID:  
C & 2

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

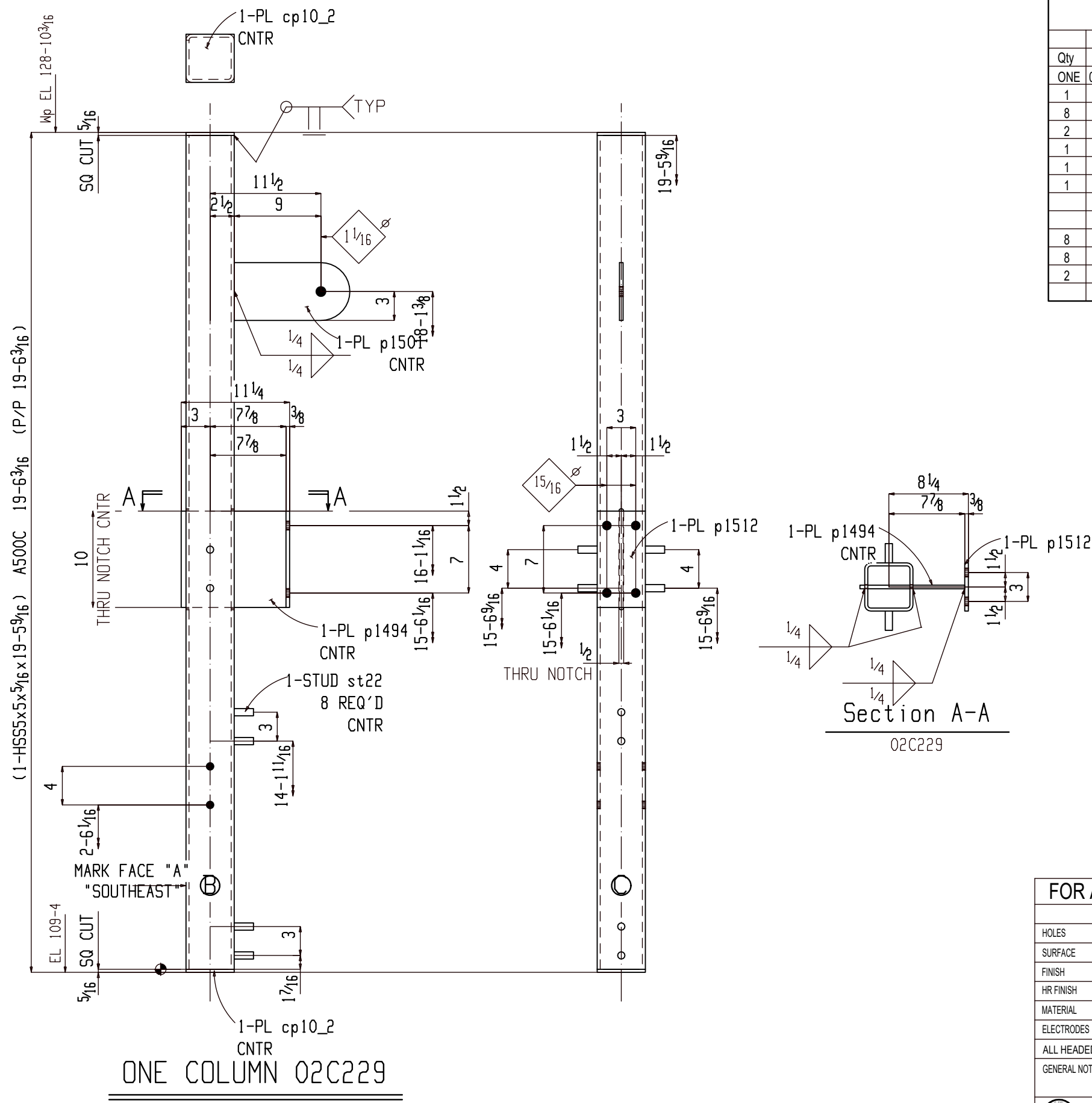
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	▲
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 02C228	



AT GRID: (E REFER: E203)  
 X & Y  
 PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C229		COLUMN				402	402
1		02C229	HSS5x5x5/16	A500C	S2E	19-59/16	371	371
8		st22	TWS3/4	A108		2	0	2
2		cp10 2	PL5/16x5	A36		5	2	4
1		p1494	PL3/8x10	A36		10 7/8	12	12
1		p1501	PL3/8x6	A36		1-0	8	8
1		p1512	PL3/8x5	A36		10	5	5
FIELD BOLTS								
8			3/4 NUT	A563	HHNT			
8			3/4 WASHER	F436	HD			
2			3/4 Dia A325N		+1HD	7		
					WASH			

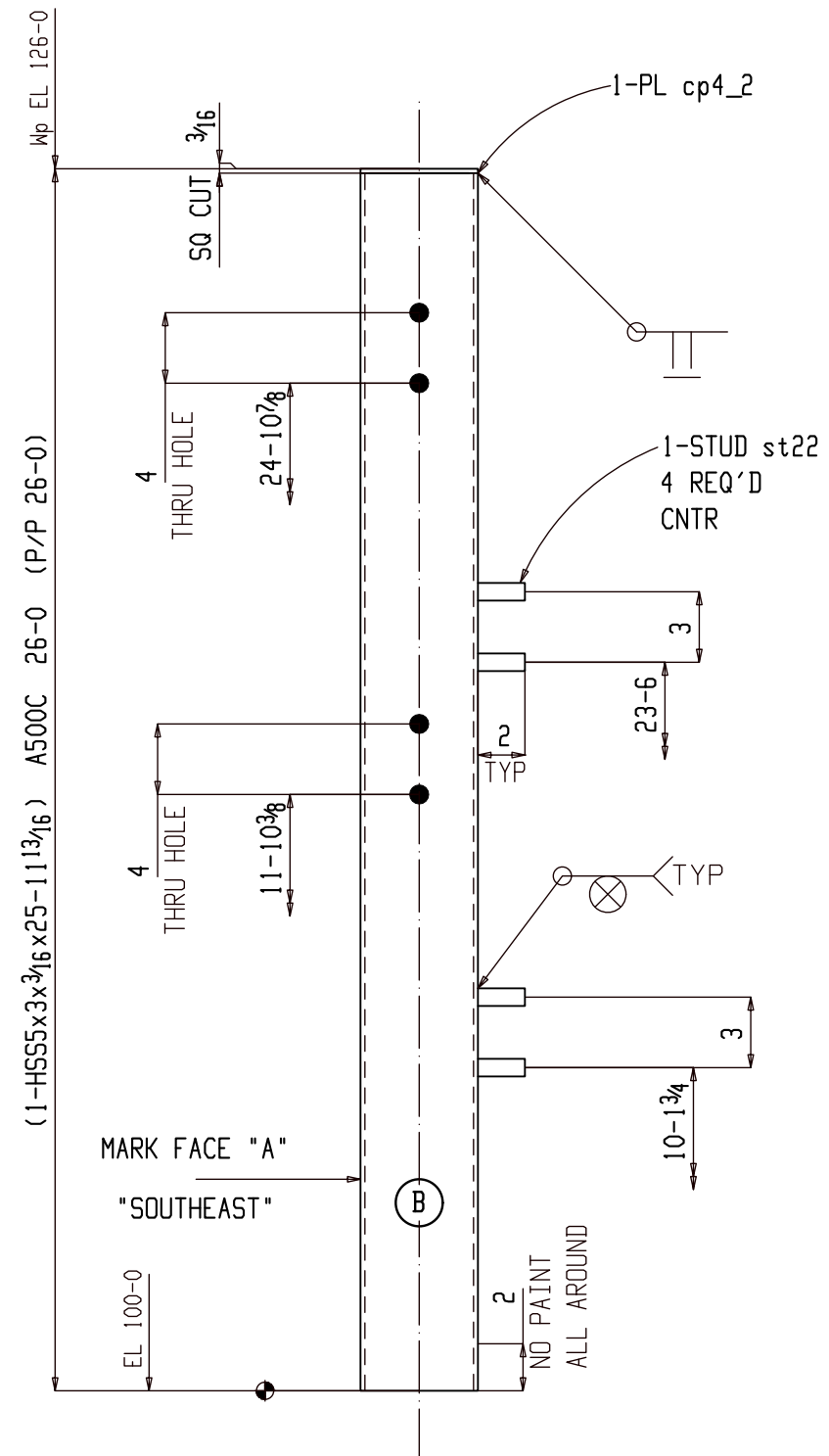
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN		
APPROVED	04-04-22		

PROJECT NO	2210
DWG NO	02C229



4 COLUMNS 02C230

AT GRID:  
 y-3 & X1  
 y-2 & X1  
 y-2 & X1  
 y-1 & X1

(E REFER: E202)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	02C230		COLUMN				247	986
4		02C230	HSS5x3x3/16	A500C	S1E	25-11 13/16	245	979
16		st22	TWS3/4	A108		2	0	4
4		cp4 2	PL3/16x3	A36		5	1	3
FIELD BOLTS								
16			3/4 NUT	A563	HHNT			
16			3/4 WASHER	F436	HD			
16			3/4 Dia A307			5		

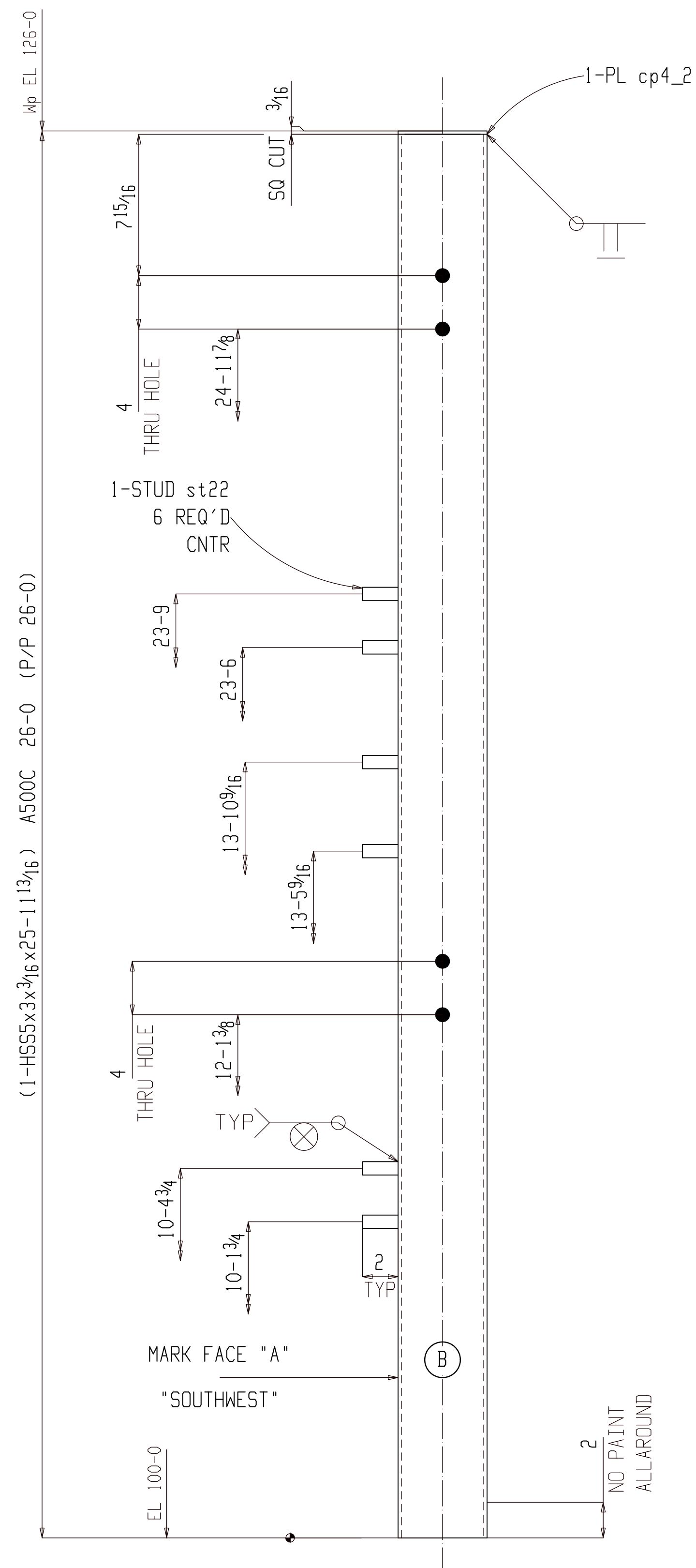
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210	
CHECKER		JOB LOCATION		DWG NO
ALN	04-04-22	GREAT FALLS, MONTANA		02C230
APPROVED				REV



5 COLUMNS 02C231

AT GRID:  
 X3 & Y1 (E REFER: E202)  
 X2 & Y1 1SC PRIMER  
 X2 & Y1  
 X1 & Y1  
 X1 & Y1

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
5	02C231		COLUMN				247	1235
5		02C231	HSS5x3x3/16	A500C	S1E	25-11 13/16	245	1224
30		st22	TWS3/4	A108		2	0	8
5		cp4_2	PL3/16x3	A36		5	1	4
FIELD BOLTS								
30			3/4 NUT	A563	HHNT			
30			3/4 WASHER	F436	HD			
20			3/4 Dia A307			5		

FOR APPROVAL

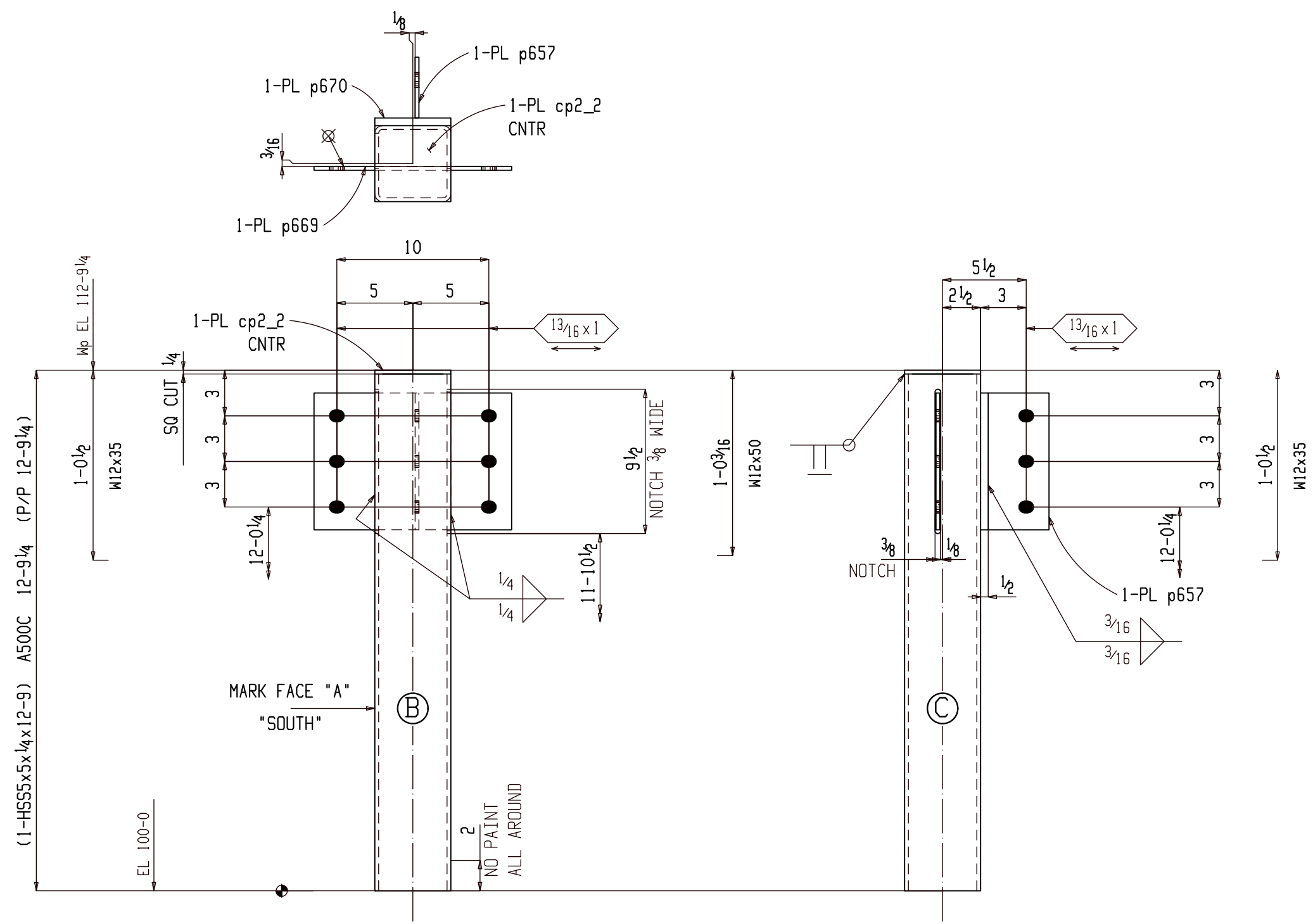
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	04-04-22	JOB NAME	2210	
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22		GREAT FALLS, MONTANA	DWG NO 02C231

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	02C232		COLUMN				218	218	
1		02C232	HSS5x5x1/4	A500C	S1E	12-9	199	199	
1		p669	PL 1/4x9	A36		1-1	8	8	
1		cp2_2	PL 1/4x5	A36		5	2	2	
1		p657	PL 1/4x4	A36		9	3	3	
1		p670	PL 1/2x5	A36		9	6	6	



ONE COLUMN 02C232

AT GRID: (E REFER: E203)  
E & 2

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**  
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

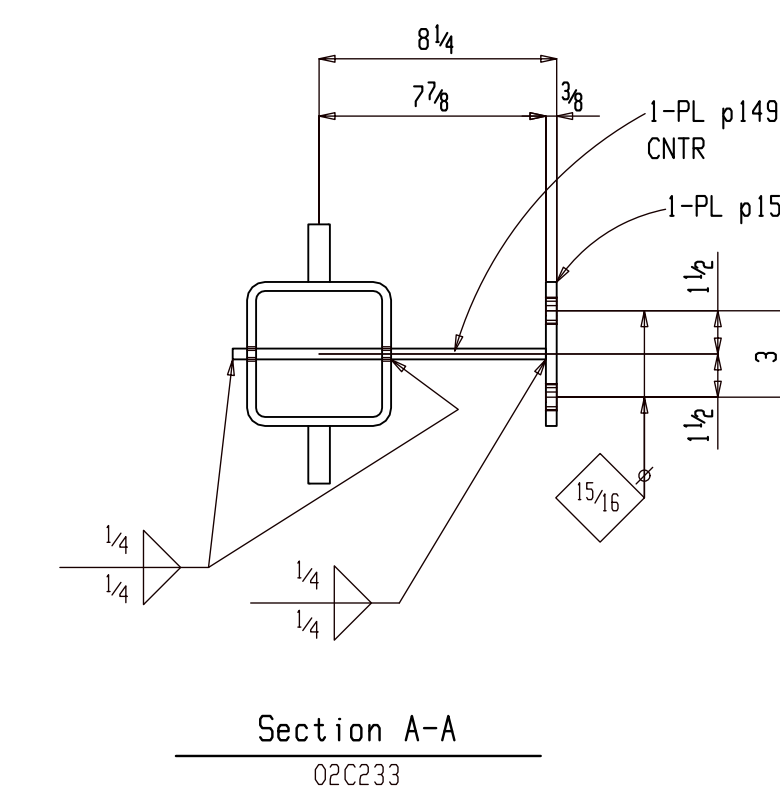
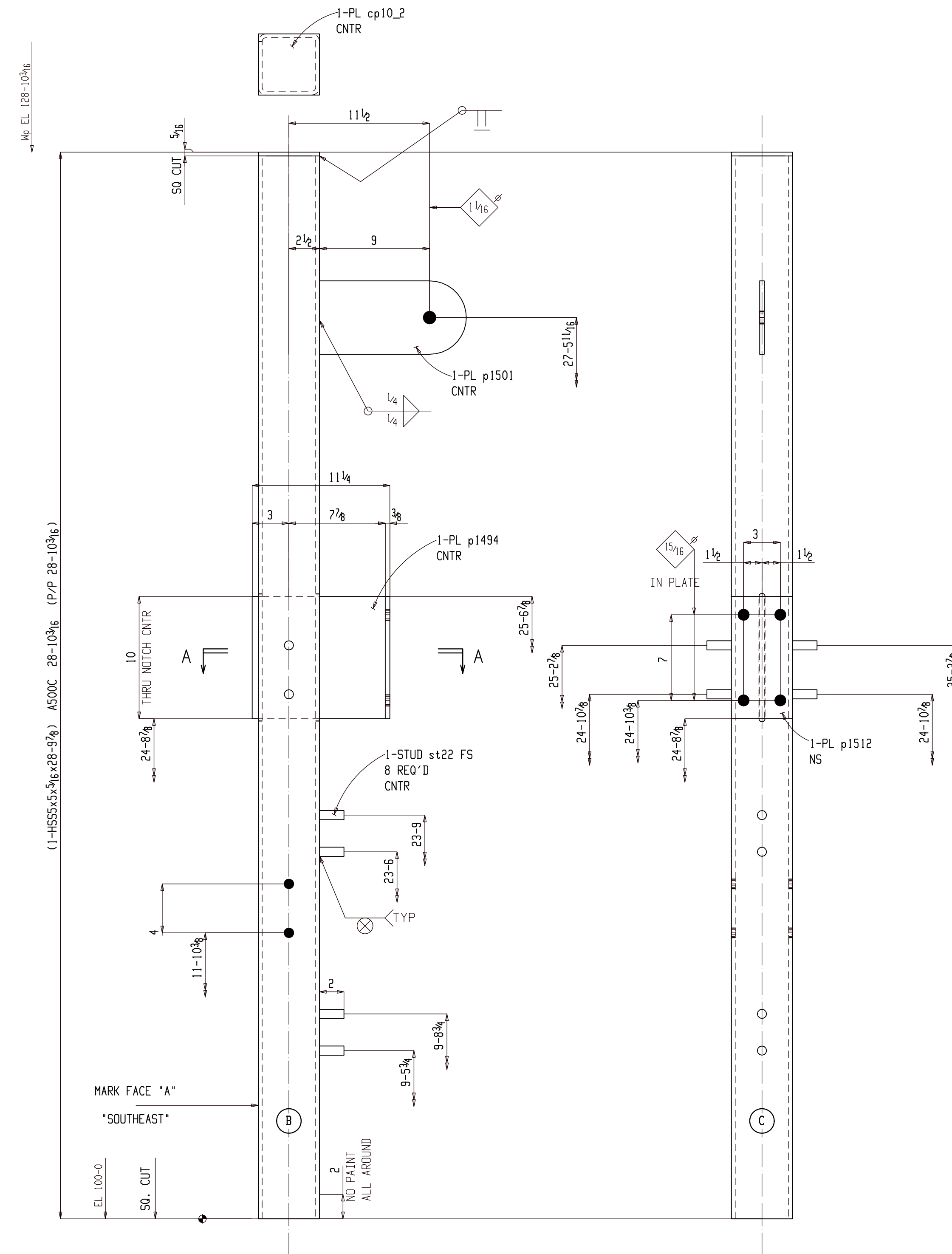
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C232
CHECKER	ALN				
APPROVED	04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	02C233		COLUMN				579	1157
2		02C233	HSS5x5x <sup>5</sup> / <sub>16</sub>	A500C	S2E	28-9 <sup>7</sup> / <sub>8</sub>	550	1100
16		st22	TWS <sup>3</sup> / <sub>4</sub>	A108		2	0	4
2		cp10_2	PL <sup>5</sup> / <sub>16</sub> x5	A36		5	2	4
2		p1494	PL <sup>3</sup> / <sub>8</sub> x10	A36		10 <sup>7</sup> / <sub>8</sub>	12	23
2		p1501	PL <sup>3</sup> / <sub>8</sub> x6	A36		1-0	8	15
2		p1512	PL <sup>3</sup> / <sub>8</sub> x5	A36		10	5	11
FIELD BOLTS								
16			<sup>3</sup> / <sub>4</sub> NUT	A563	HHNT			
16			<sup>3</sup> / <sub>4</sub> WASHER	F436	HD			
4			<sup>3</sup> / <sub>4</sub> Dia A307			7		



**2 COLUMNS 02C233**

AT GRID:  
 X1 & Y3  
 X1 & Y3

(E REFER: E203)

1 SC PRIMER

**FOR APPROVAL**

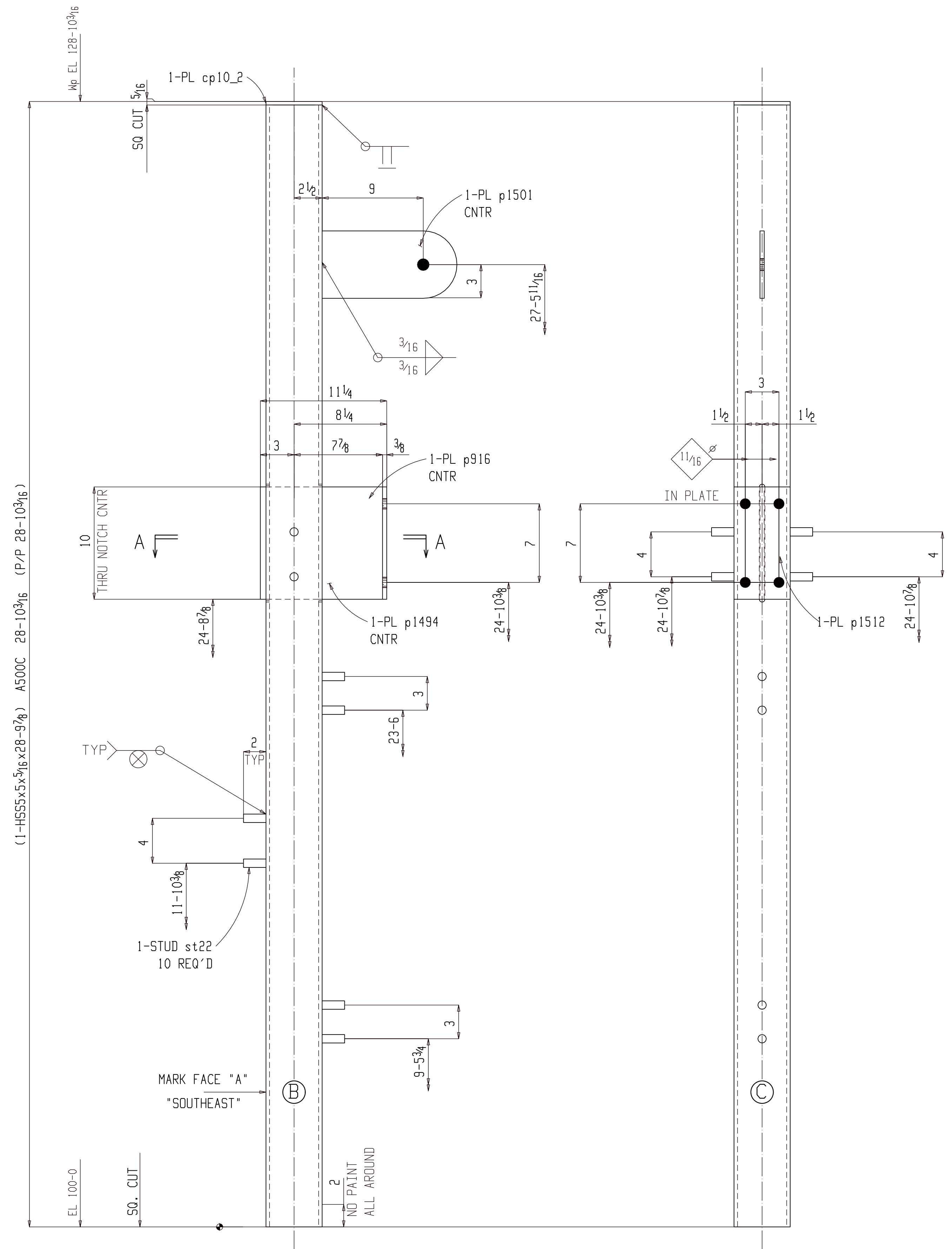
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION DATE	05-06-22

GENERAL ARRANGEMENT

DRAWING NO.	02C233	PROJECT NO.	2210
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22		



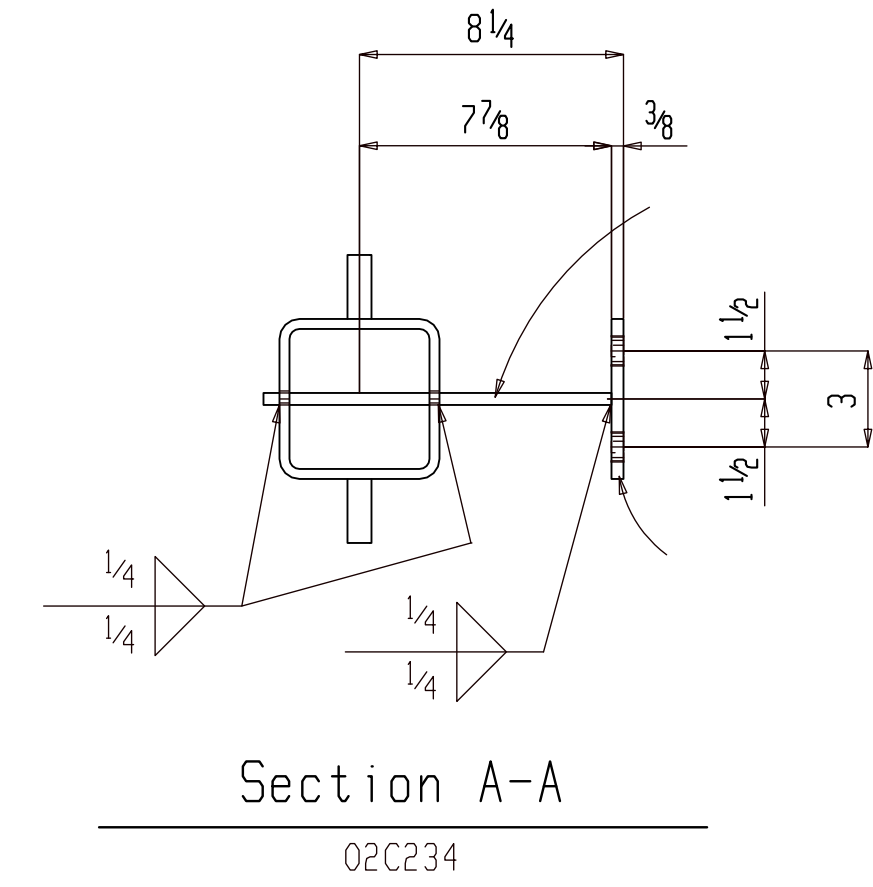


(1-HSS5x5x5/16x28-9/8) A500C 28-10 3/16 (P/P 28-10 3/16)

ONE COLUMN 02C234  
 AT GRID: X1 & Y2  
 (E REFER: E202)  
 1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C234		COLUMN				579	579
1		02C234	HSS5x5x5/16	A500C	S2E	28-9 7/8	550	550
10		st22	TWS 3/4	A108		2	0	3
1		cp10.2	PL 5/16x5	A36		5	2	2
1		p1494	PL 3/8x10	A36		10 7/8	12	12
1		p1501	PL 3/8x6	A36		1-0	8	8
1		p1512	PL 3/8x5	A36		10	5	5
FIELD BOLTS								
10			3/4 NUT	A563	HHNT			
10			3/4 WASHER	F436	HD			



**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

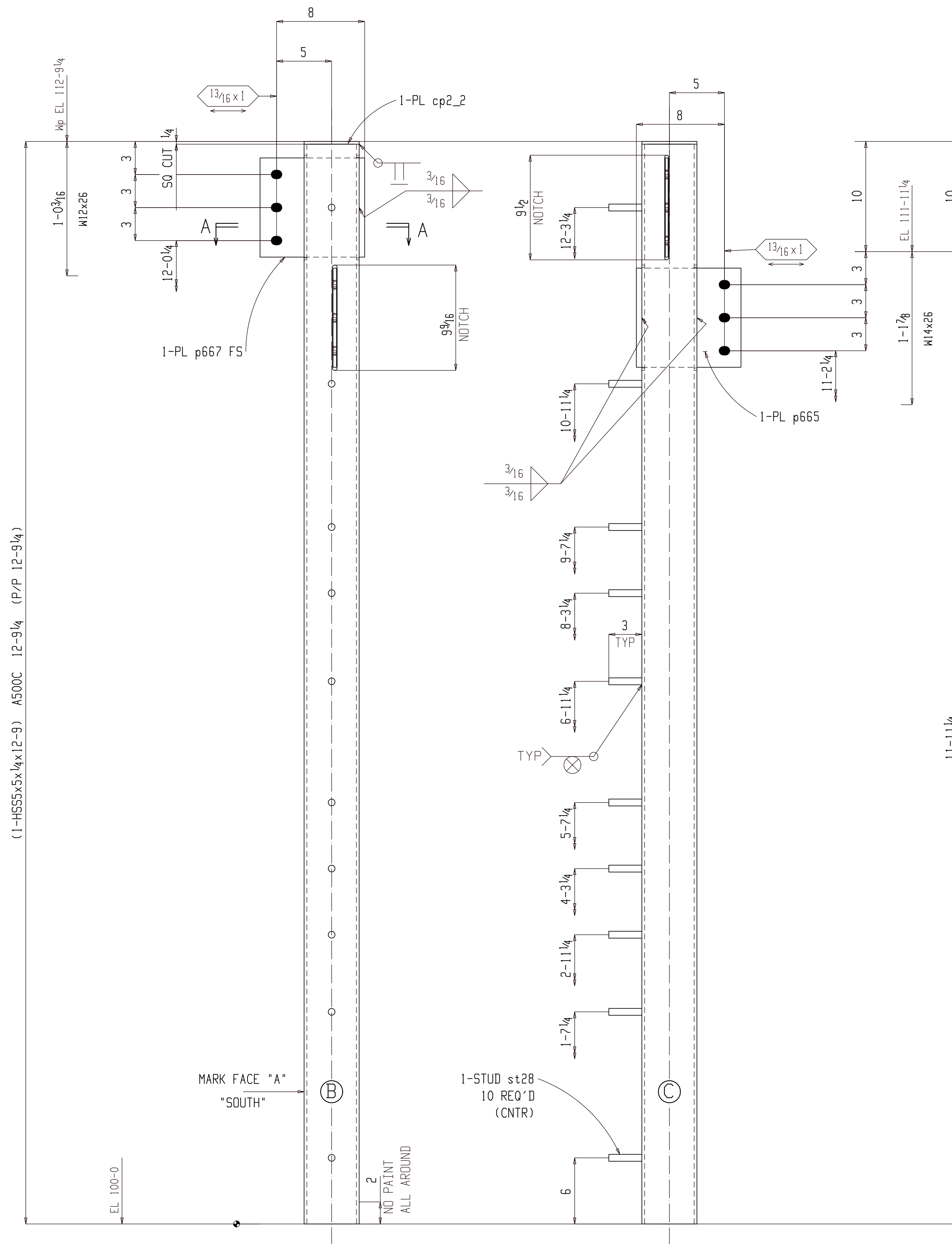
GENERAL ARRANGEMENT

PROJECT NO 2210 REV A

DATE 04-04-22 JOB NAME MILWAUKEE STATION APARTMENTS

CHECKER ALN JOB LOCATION GREAT FALLS, MONTANA

APPROVED 04-04-22 DWG NO 02C234

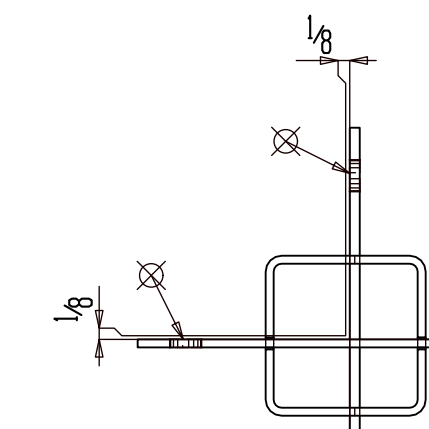


ONE COLUMN 02C235

AT GRID:  
B & 3

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY



Section A-A  
02C235

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C235		COLUMN				217	217
1		02C235	HSS5x5x1/4	A500C	S2E	12-9	199	199
10		st28	TWS <sup>5/8</sup>	A108		3	0	3
1		p665	PL <sup>5/16</sup> x9	A36		9 1/2	8	8
1		p667	PL <sup>1/4</sup> x9	A36		9 1/2	6	6
1		cp2_2	PL <sup>1/4</sup> x5	A36		5	2	2

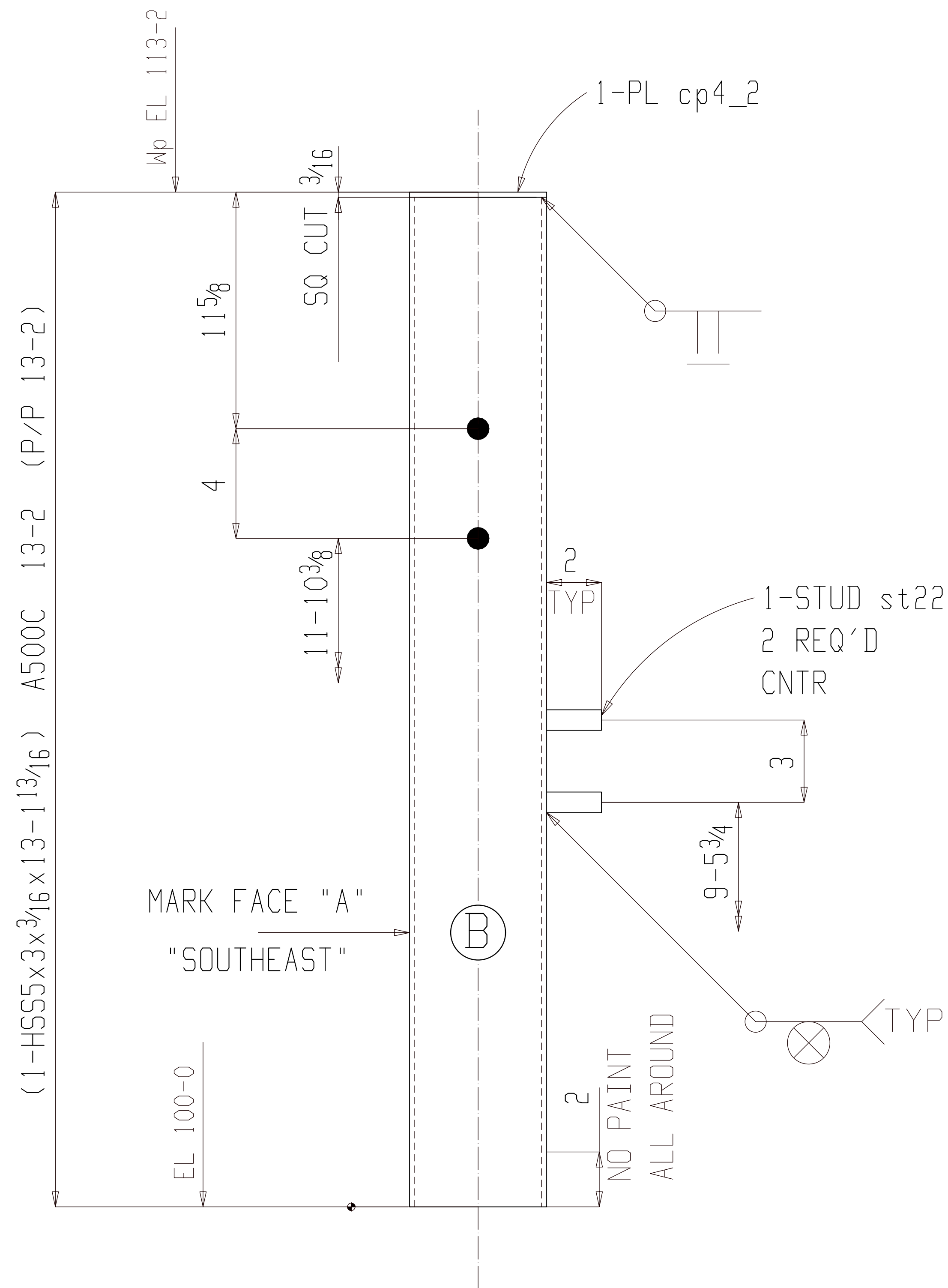
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 02C235	



ONE COLUMN 02C236

(E REFER: E202)

AT GRID:  
X1 & Y3

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C236		COLUMN					125	125
1		02C236	HSS5x3x3/16	A500C	S1E	13-113/16		124	124
2		st22	TWS3/4	A108			2	0	1
1		cp4_2	PL3/16x3	A36			5	1	1
FIELD BOLTS									
2			3/4 NUT	A563	HHNT				
2			3/4 WASHER	F436	HD				
2			3/4 Dia A307				5		

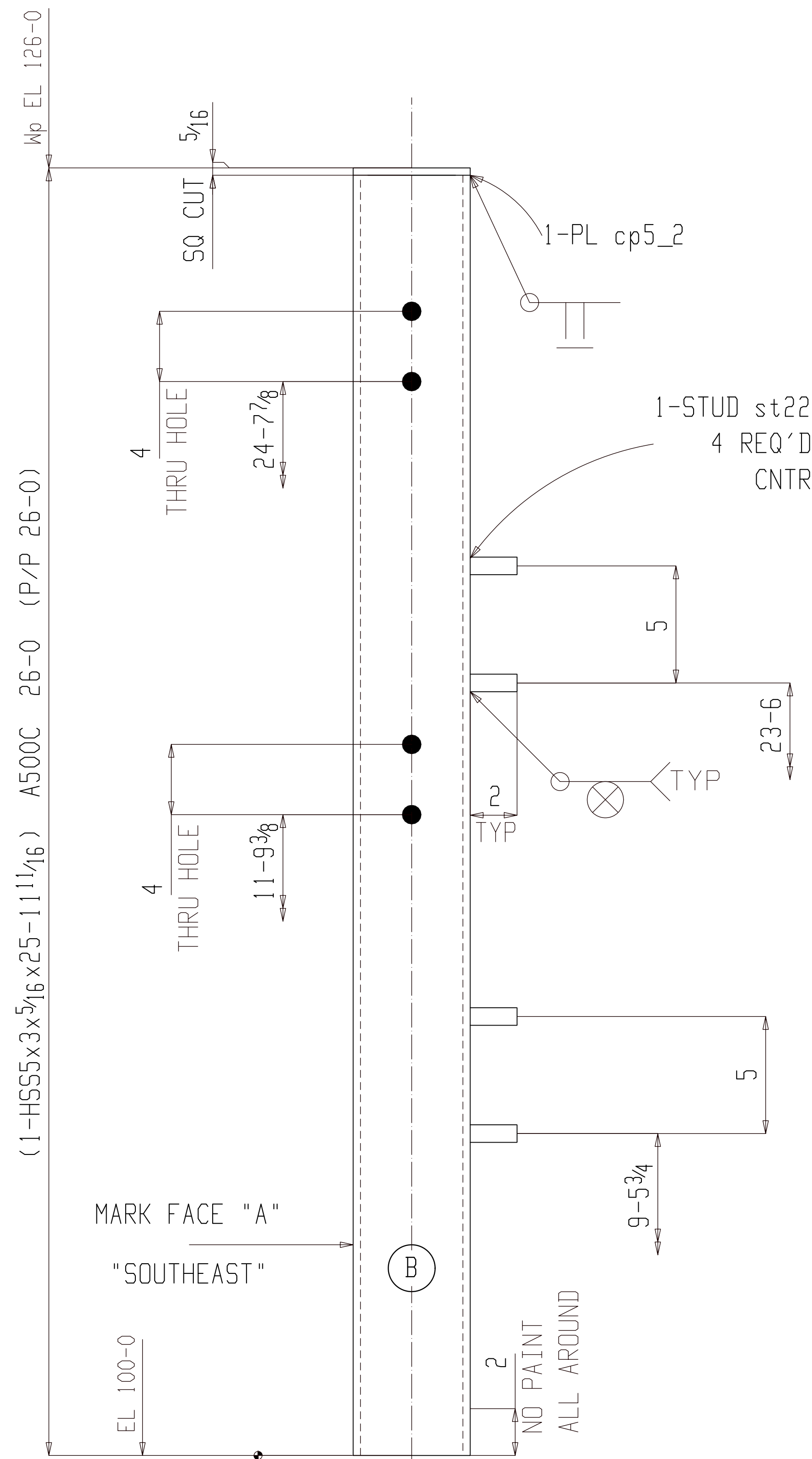
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C236
APPROVED	04-04-22				



2 COLUMNS 02C237

AT GRID: (E REFER: E202)

y-4 & X1  
X1 & Y3

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	02C237		COLUMN				388	775
2		02C237	HSS5x3x5/16	A500C	S1E	25-1111/16	385	770
8		st22	TWS3/4	A108		2	0	2
2		cp5_2	PL5/16x3	A36		5	1	3
FIELD BOLTS								
8			3/4 NUT	A563	HHNT			
8			3/4 WASHER	F436	HD			
8			3/4 Dia A307			5		

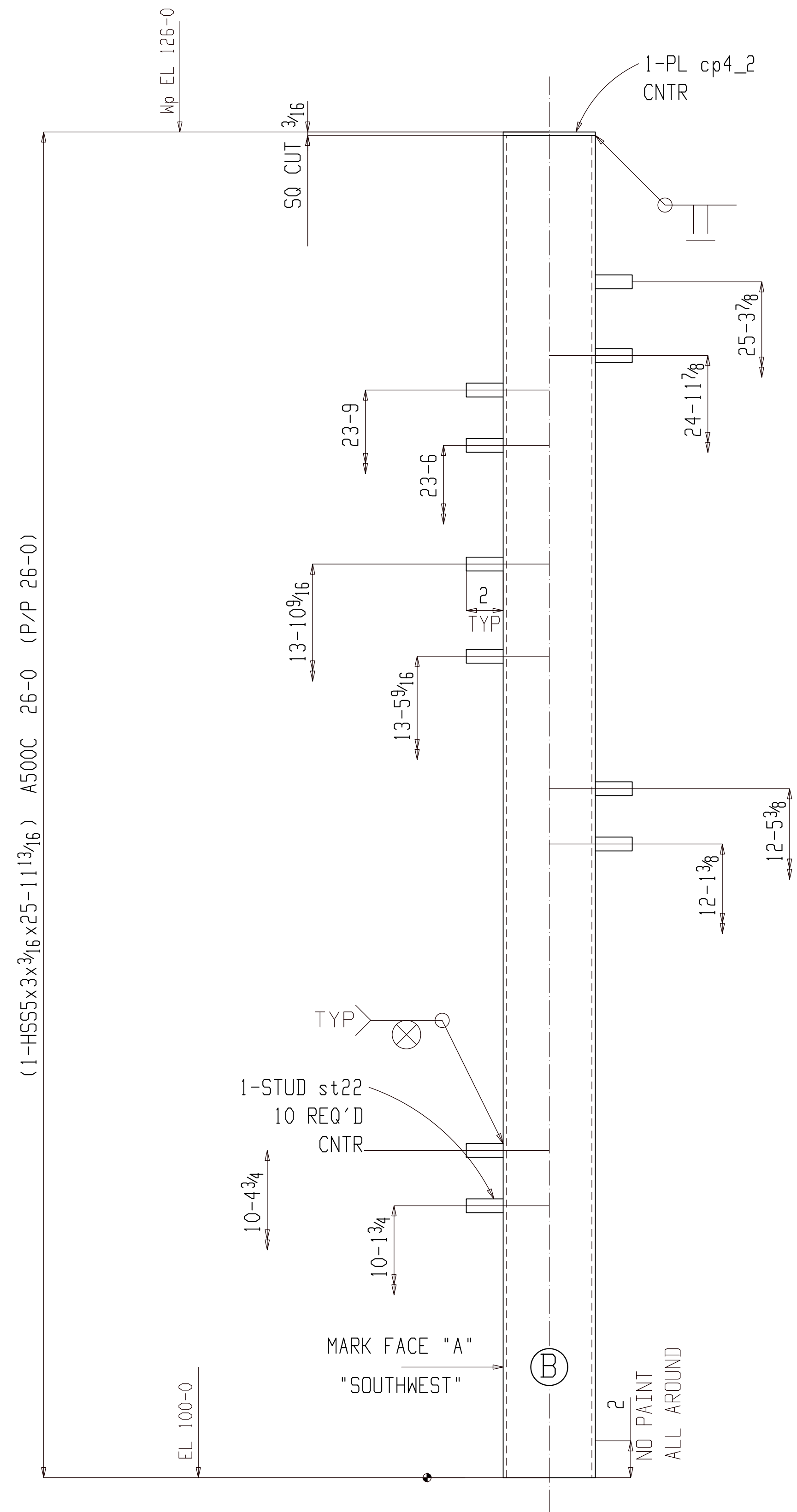
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C237
APPROVED	04-04-22				



ONE COLUMN 02C238

AT GRID:  
X2 & Y1

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C238		COLUMN					248	248
1		02C238	HSS5x3x3/16	A500C	S1E	25-11 13/16		245	245
10		st22	TWS3/4	A108			2	0	3
1		cp4_2	PL3/16x3	A36			5	1	1
FIELD BOLTS									
10			3/4 NUT	A563	HHNT				
10			3/4 WASHER	F436	HD				

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

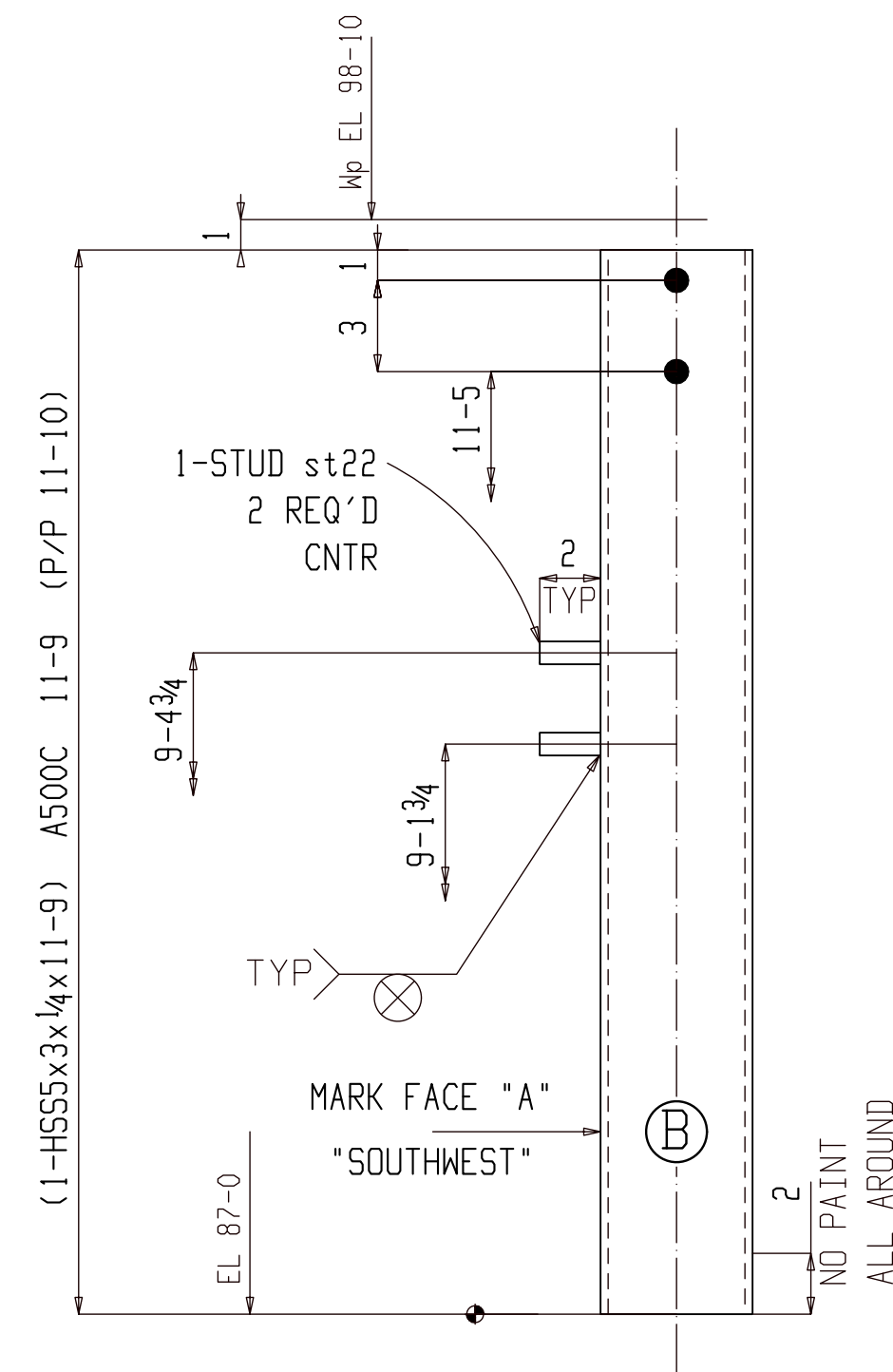
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 02C238	

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	02C239		COLUMN				144	576
4		02C239	HSS5x3x1/4	A500C		11-9	143	574
8		st22	TWS3/4	A108		2	0	2
FIELD BOLTS								
8			3/4 NUT	A563	HHNT			
8			3/4 WASHER	F436	HD			
8			3/4 Dia A307			5		



4 COLUMNS 02C239

AT GRID:  
B & Y1  
A & Y1  
X2 & Y1  
X2 & Y1

(E REFER: E201)

1SC PRIMER

ONE QTY 02C247 DELETED  
AND CLUBED WITH 02C239

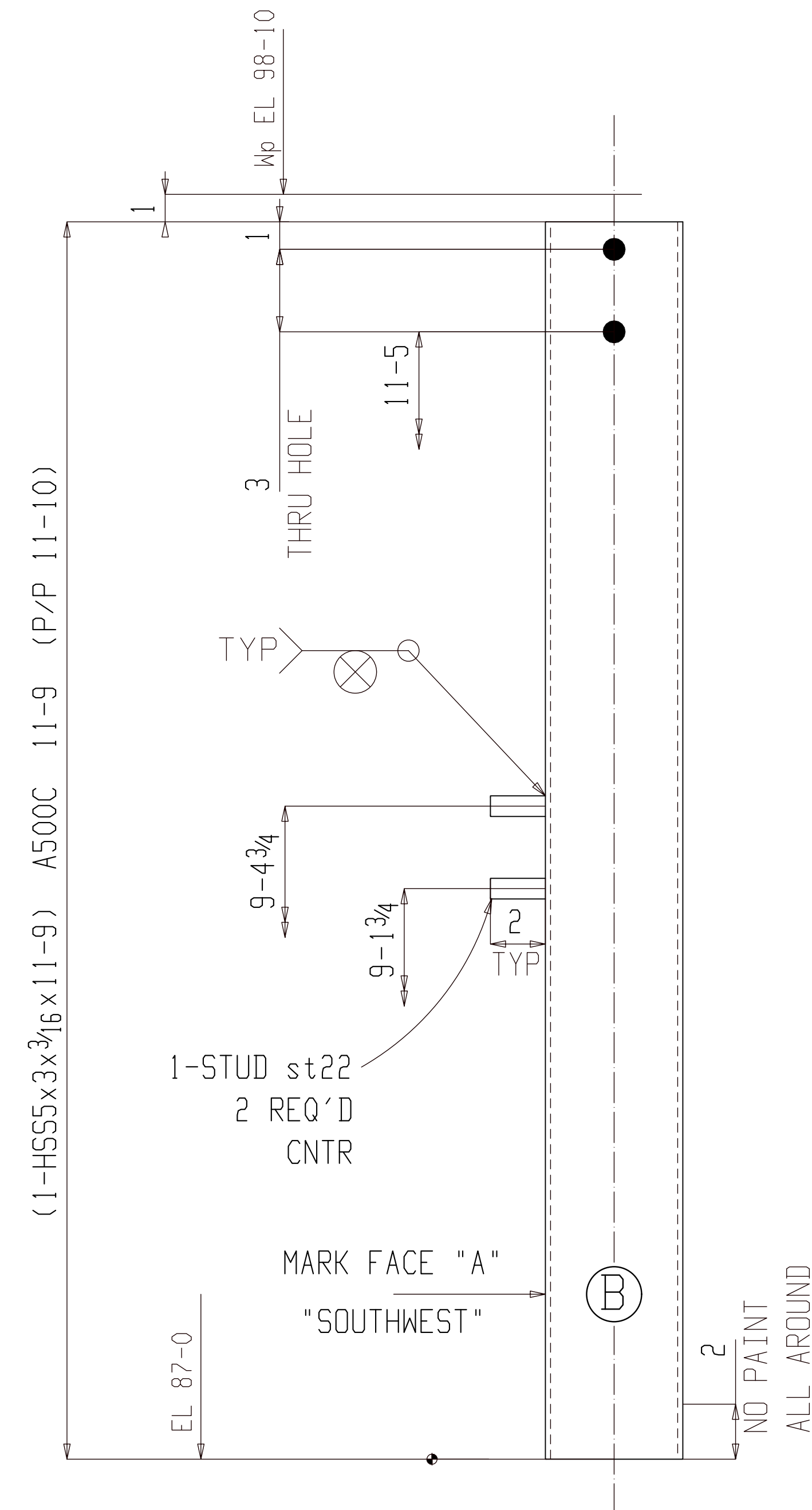
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	AKM	MILWAUKEE STATION APARTMENTS	2210		
DATE	04-04-22	CHECKER	ALN	DWG NO	02C239
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		



2 COLUMNS 02C240

AT GRID:  
X3 & Y1  
X3 & Y1

(E REFER: E201)

15C PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	02C240		COLUMN				111	222
2		02C240	HSS5x3x3/16	A500C		11-9	111	221
4		st22	TWS3/4	A108		2	0	1
FIELD BOLTS								
4			3/4 NUT	A563	HHNT			
4			3/4 WASHER	F436	HD			
4			3/4 Dia A307				5	

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE



HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
REV	DESCRIPTION		DATE
			05-06-22



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C240
APPROVED	04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 3/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM	A	For Approval
	FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	REV	DESCRIPTION
			DATE
			
GENERAL ARRANGEMENT			PROJECT NO 2210
DATE 04-04-22	CHECKER ALN	JOB NAME MILWAUKEE STATION APARTMENTS	DWG NO 02C241
APPROVED 04-04-22		JOB LOCATION GREAT FALLS, MONTANA	REV 



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

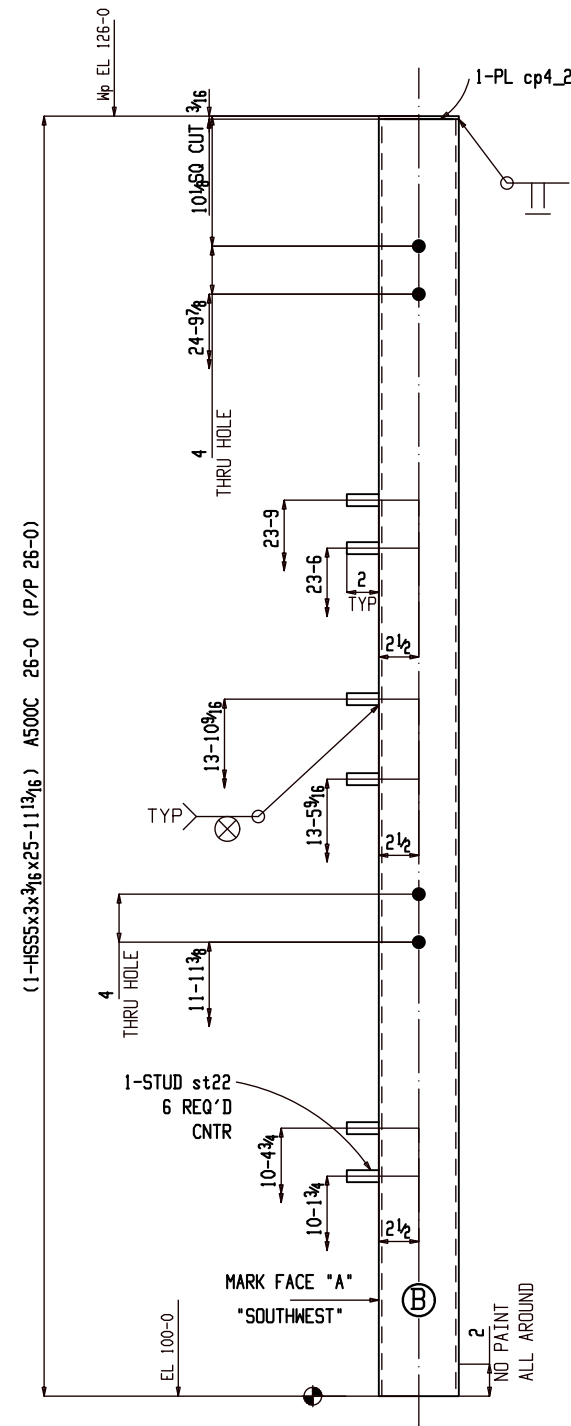
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM	A	For Approval
	FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	REV	DATE
		A	2210

GENERAL ARRANGEMENT		PROJECT NO <b>2210</b>	REV <b>A</b>
DETAILER AKM	JOB NAME <b>MILWAUKEE STATION APARTMENTS</b>		
DATE 04-04-22	JOB LOCATION <b>GREAT FALLS, MONTANA</b>		
CHECKER ALN			
APPROVED 04-04-22			

PROJECT NO <b>2210</b>	REV <b>A</b>
DWG NO <b>02C242</b>	



2 COLUMNS 02C243

AT GRID:  
B & Y1  
A & Y1

(E REFER: E202)

ISC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	02C243		COLUMN				247	494
2		02C243	HSS5x3x3/16	A500C	S1E	25-11 13/16	245	490
12		st22	TWS 3/4	A108		2	0	3
2		cp4 2	PL 3/16x3	A36		5	1	2
FIELD BOLTS								
12			3/4 NUT	A563	HHNT			
12			3/4 WASHER	F436	HD			
8			3/4 Dia A307			5		

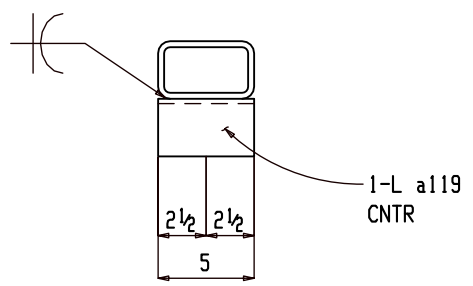
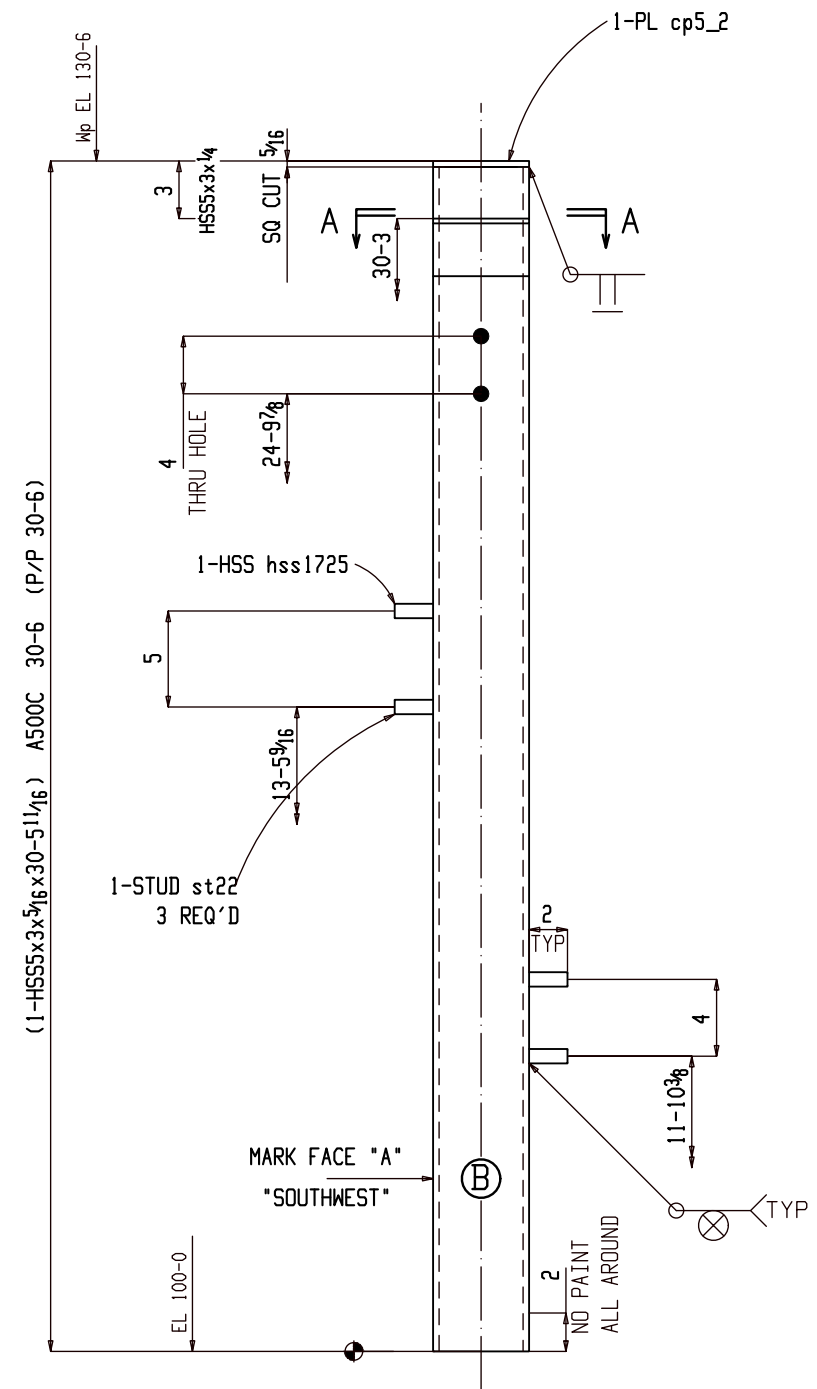
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				



Section A-A  
02C244

ONE COLUMN 02C244

AT GRID: (E REFER: E202)  
y-1 & B2  
ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C244		COLUMN				908	908
1		02C244	HSS5x3x5/16	A500C	S1E	30-5 11/16	452	452
3		st22	TWS 3/4	A108		2	0	1
1		cp5_2	PL 5/16x3	A36		5	1	1
1		a119	L3x3x1/4	A36		5	2	2
1		hss1725	HSS5x3x5/16	A500C	S1E	30-5 3/4	452	452
FIELD BOLTS								
4			3/4 NUT	A563	HHNT			
4			3/4 WASHER	F436	HD			
2			3/4 Dia A307			5		

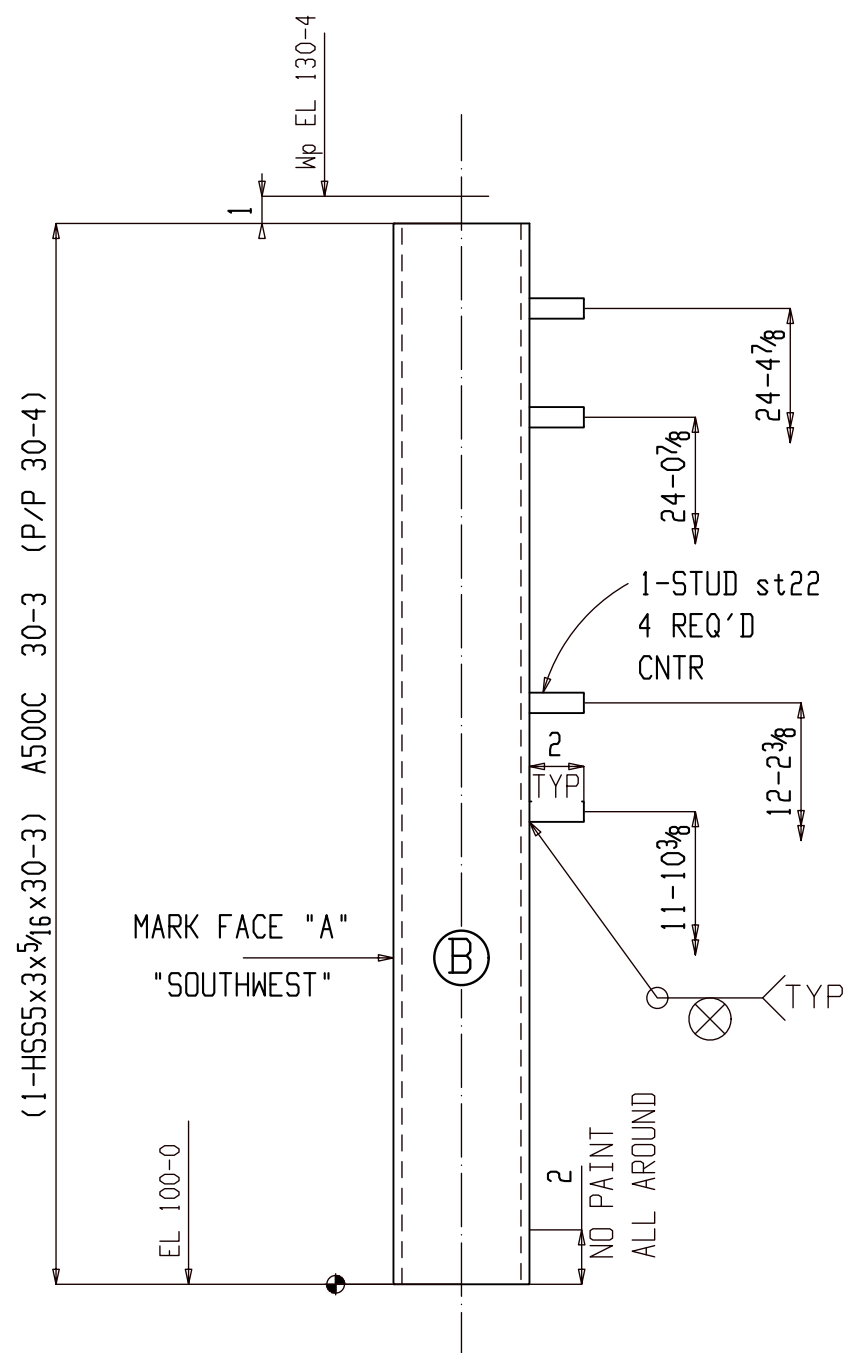
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		02C244	
CHECKER		ALN									
APPROVED		04-04-22									



ONE COLUMN 02C245

AT GRID:  
X6 & Y1

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C245		COLUMN				450	450
1		02C245	HSS5x3x5/16	A500C		30-3	449	449
4		st22	TWS3/4	A108		2	0	1
FIELD BOLTS								
4			3/4 NUT	A563	HHNT			
4			3/4 WASHER	F436	HD			

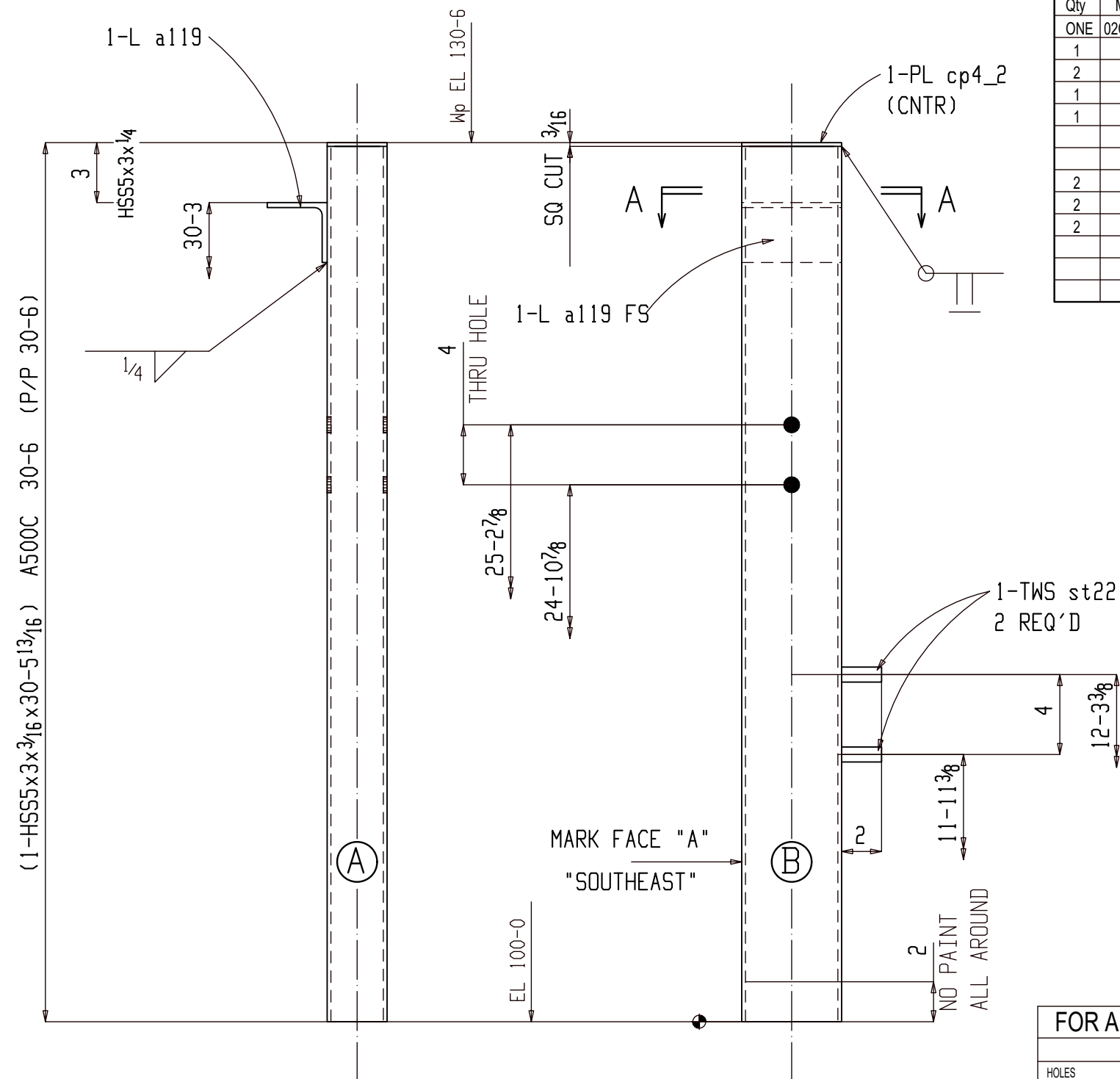
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT			DWG NO	02C245	



BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	02C246		COLUMN	A500C	S1E	30-5 13/16	291	291	
1		02C246	HSS5x3x3/16	A500C	S1E	30-5 13/16	287	287	
2		st22	TWS 3/4	A108		2	0	1	
1		cp4_2	PL 3/16x3	A36		5	1	1	
1		a119	L3x3x1/4	A36		5	2	2	
FIELD BOLTS									
2			3/4 NUT	A563	HHNT				
2			3/4 WASHER	F436	HD				
2			3/4 Dia A307			5			

(1-HSS5x3x3/16x30-5 13/16) A500C 30-6 (P/P 30-6)

ONE COLUMN 02C246

AT GRID:  
y-3 & X6

(E REFER: E202)

1SC PRIMER

FOR APPROVAL		Section A-A	
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)	02C246	
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

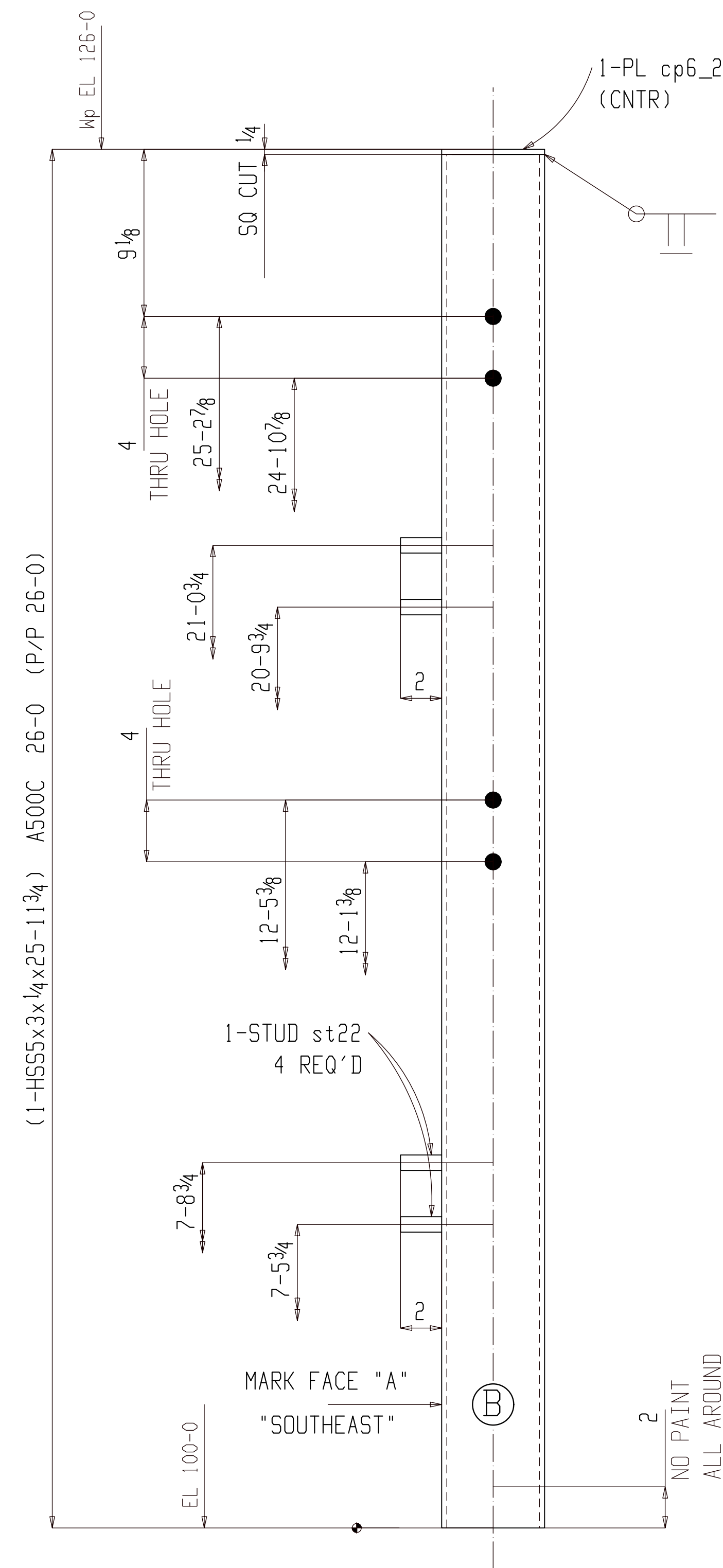


GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				02C246

ONE QTY 02C247 DELETED  
 AND CLUBED WITH 02C239

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION      DATE
GENERAL ARRANGEMENT			PROJECT NO 2210
DETAILER AKM DATE 04-04-22	CHECKER ALN DATE 04-04-22	APPROVED DATE 04-04-22	JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA
			JOB NO 02C247



ONE COLUMN 02C248

AT GRID:  
D & X6

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C248		COLUMN				319	319
1		02C248	HSS5x3x1/4	A500C	S1E	25-113/4	317	317
4		st22	TWS3/4	A108		2	0	1
1		cp6_2	PL1/4x3	A36		5	1	1
FIELD BOLTS								
4			3/4 NUT	A563	HHNT			
4			3/4 WASHER	F436	HD			
4			3/4 Dia A307			5		

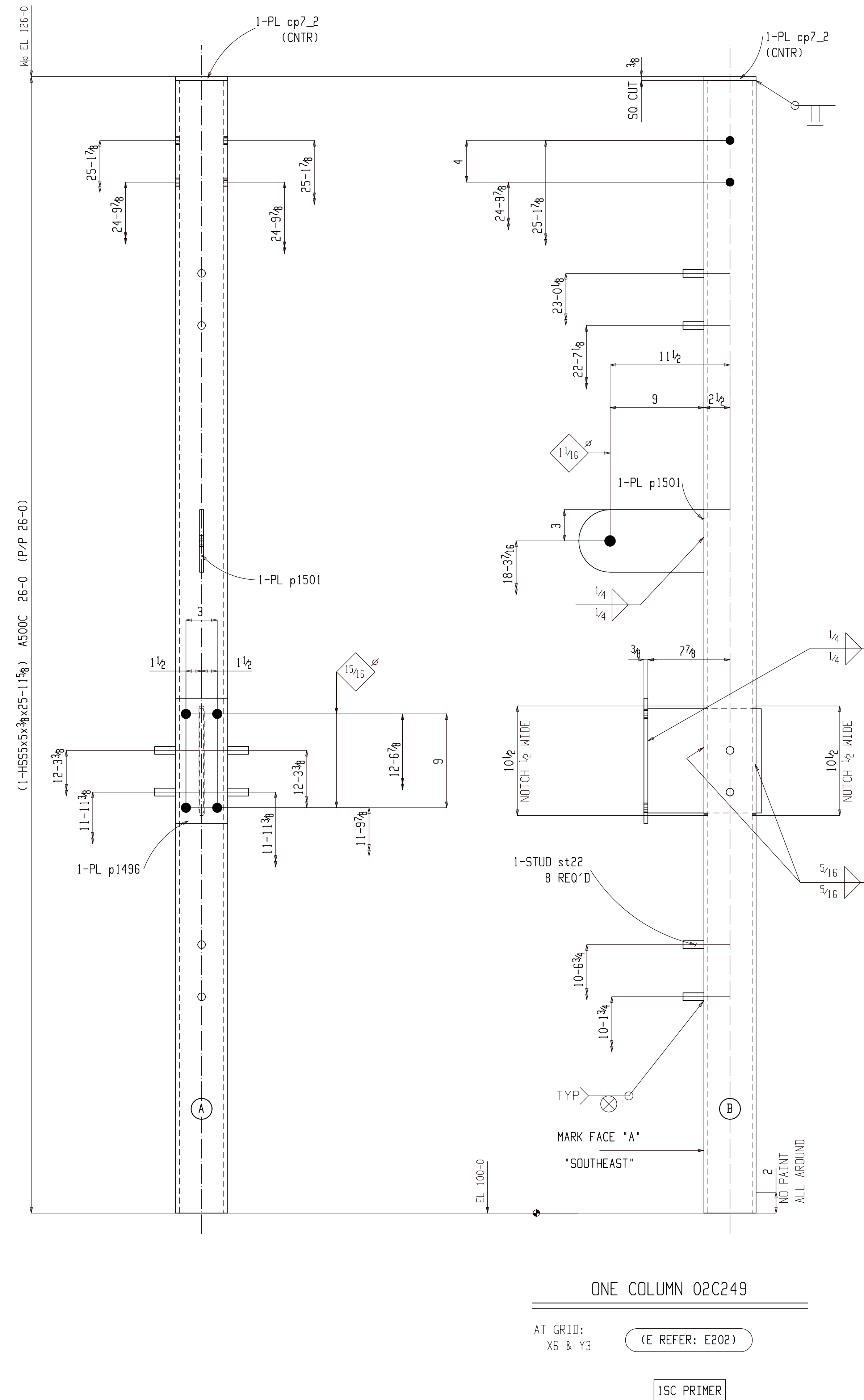
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 02C248	



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C249		COLUMN					
1		02C249	HSS5x5x3/8	A500C	S1E	25-11 5/8	611	611
8		st22	TWS3/4	A108		2	581	581
1		p1494	PL3/8x10	A36		10 7/8	12	12
1		p1501	PL3/8x6	A36		1-0	8	8
1		p1496	PL3/8x5	A36		1-0	6	6
1		cp7_2	PL3/8x5	A36		5	3	3
FIELD BOLTS								
8			3/4 NUT	A563	HHNT			
8			3/4 WASHER	F436	HD			
2			3/4 Dia A307			7		

### FOR APPROVAL

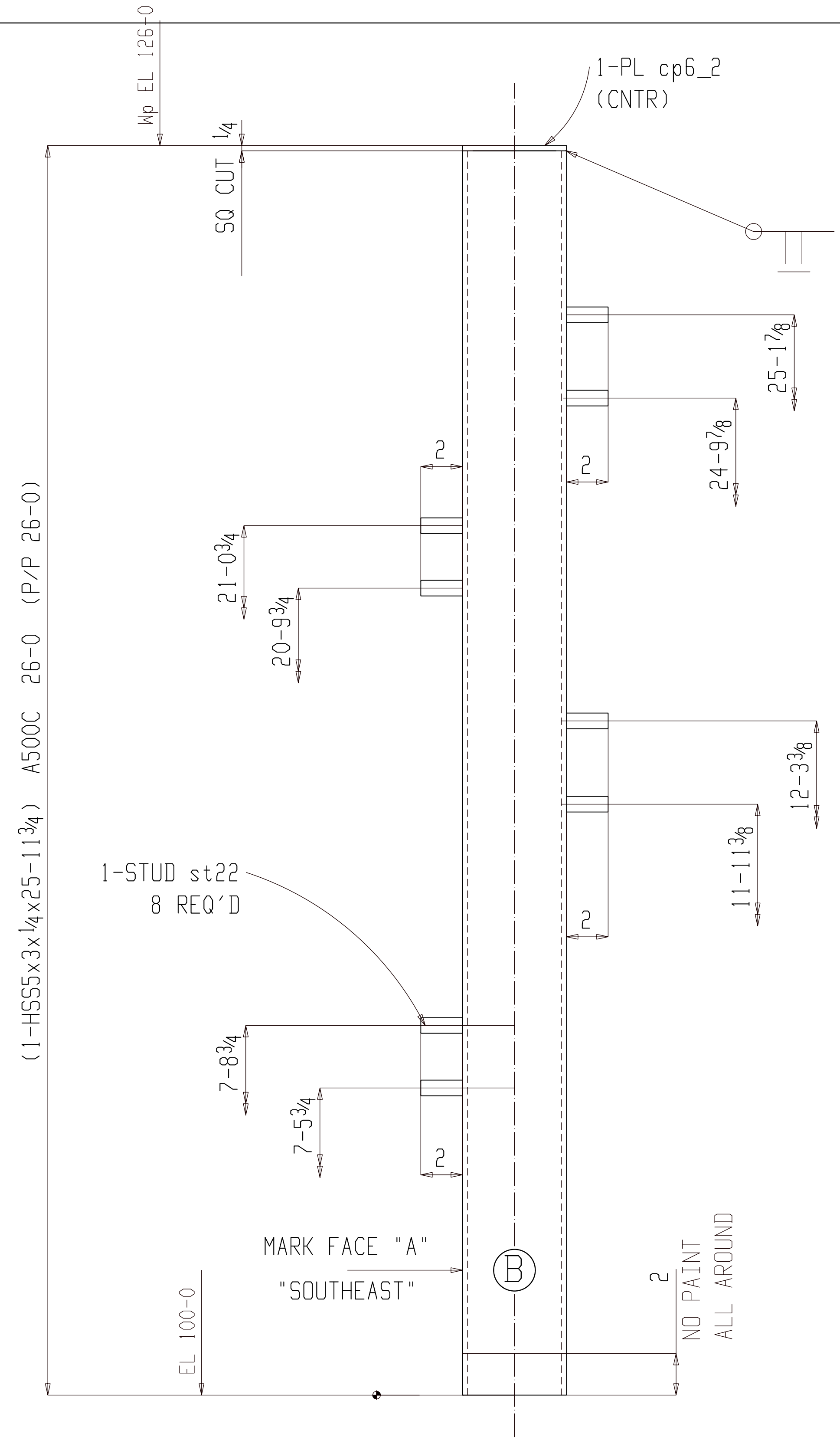
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DRAWN	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				





(1-HSS5x3x1/4x25-11 3/4) A500C 26-0 (P/P 26-0)

1-STUD st22  
8 REQ'D

MARK FACE "A"  
"SOUTHEAST"

ONE COLUMN 02C250

AT GRID:  
D & X6

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C250		COLUMN				320	320
1		02C250	HSS5x3x1/4	A500C	S1E	25-11 3/4	317	317
8		st22	TWS3/4	A108		2	0	2
1		cp6_2	PL 1/4x3	A36		5	1	1
FIELD BOLTS								
8			3/4 NUT	A563	HHNT			
8			3/4 WASHER	F436	HD			

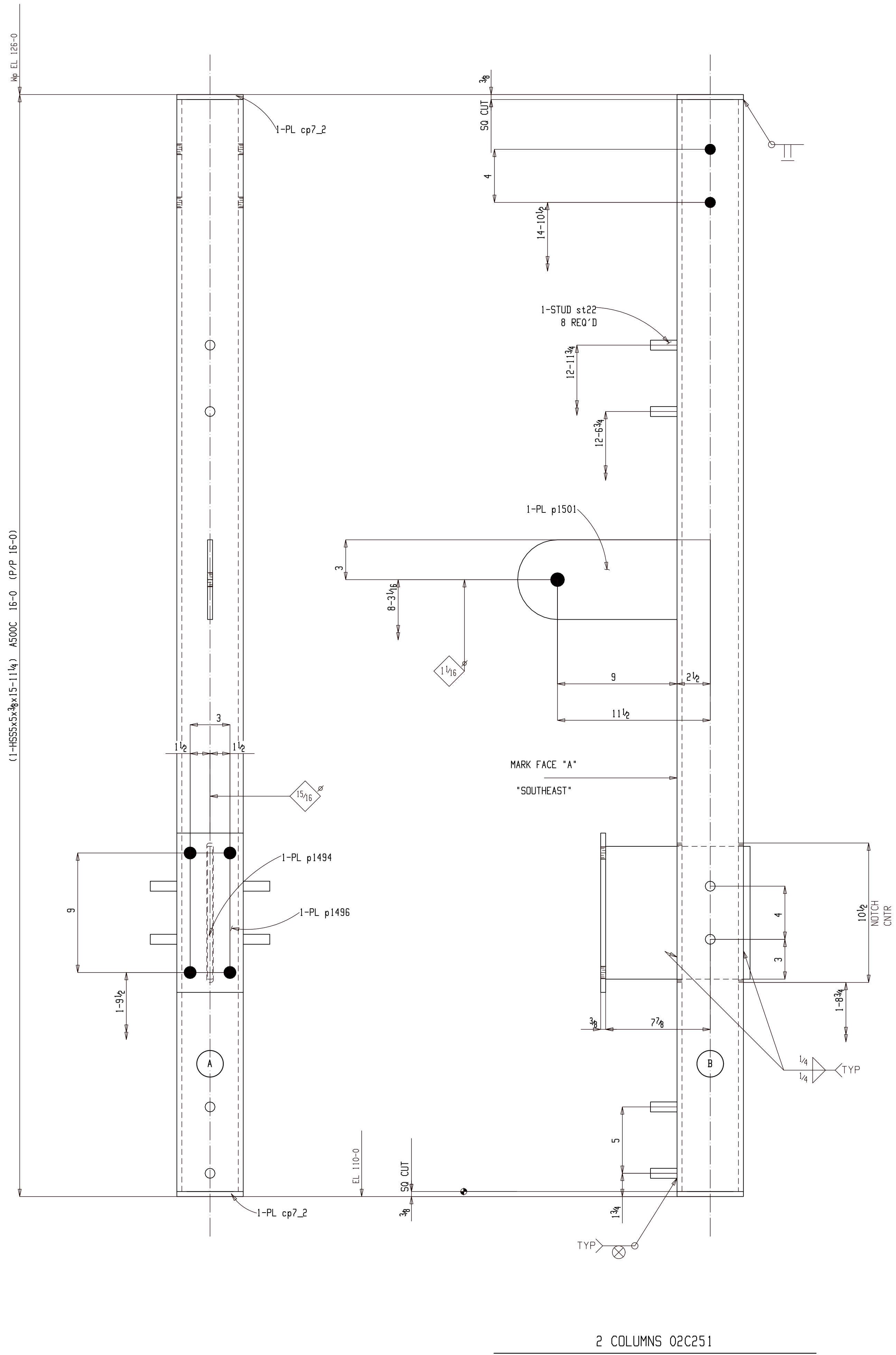
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	AKM	MILWAUKEE STATION APARTMENTS	2210		
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C250
CHECKER	ALN				
APPROVED	04-04-22				



AT GRID:  
E & X6  
D.2 & X6

(E REFER: E202)

1 SC PRIMER

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
2	O2C251		COLUMN					389	779
2		O2C251	HSS5x5x3/8	A500C	S2E	15-11 1/4		357	713
16		st22	TWS3/4	A108		2		0	4
2		p1494	PL3/8x10	A36		10 7/8		12	23
2		p1501	PL3/8x6	A36		1-0		8	15
2		p1496	PL3/8x5	A36		1-0		6	13
4		cp7_2	PL3/8x5	A36		5		3	11
FIELD BOLTS									
16			3/4 NUT	A563	HHNT				
16			3/4 WASHER	F436	HD				
4			3/4 Dia A307			7			

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

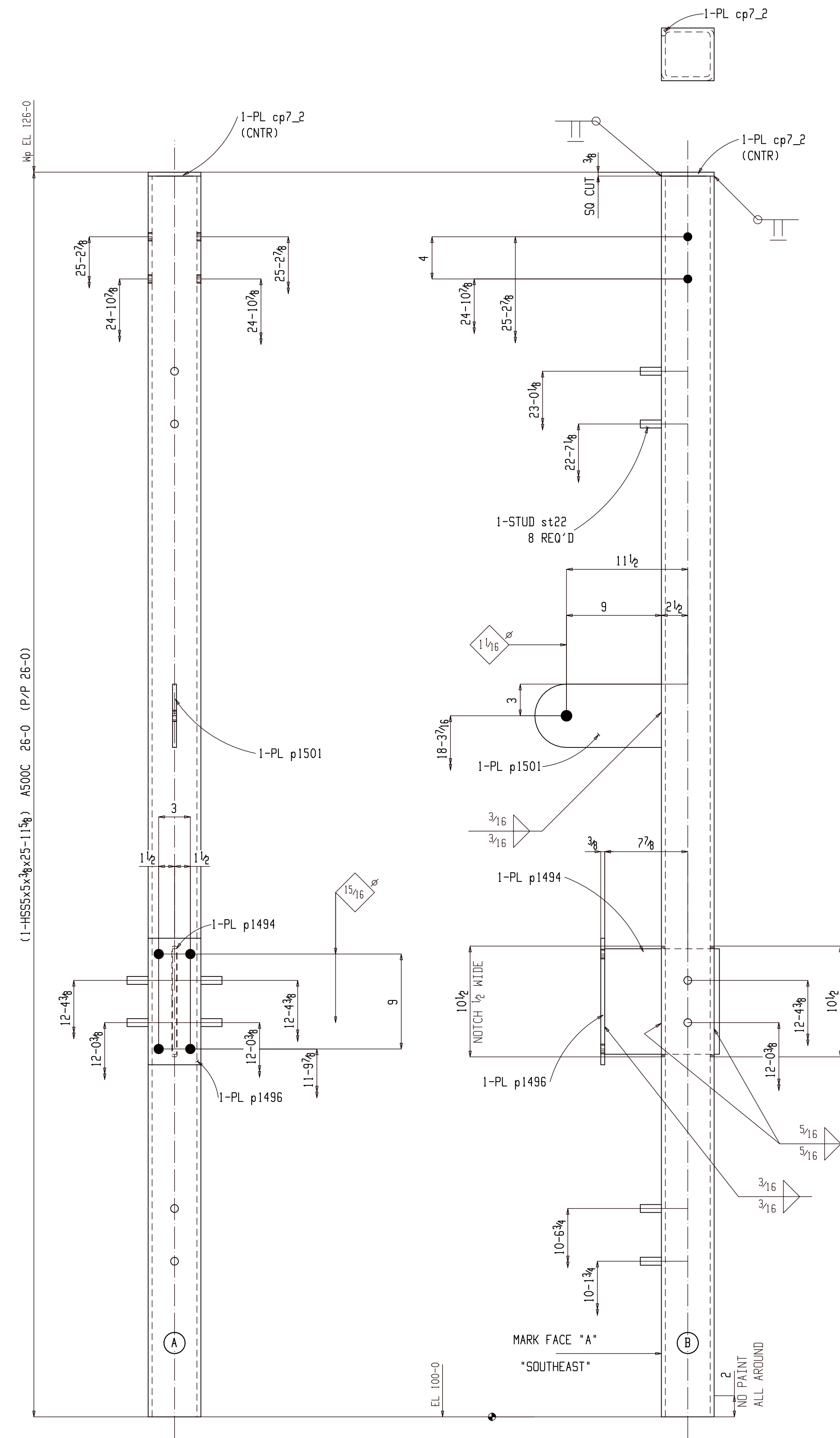
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWN	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	O2C251

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C252		COLUMN				611	611
1		02C252	HSS5x5x3/8	A500C	S1E	25-11 <sup>5</sup> / <sub>8</sub>	581	581
8		s122	TWS <sup>3</sup> / <sub>4</sub>	A108		2	0	2
1		p1494	PL <sup>3</sup> / <sub>8</sub> x10	A36		10 <sup>7</sup> / <sub>8</sub>	12	12
1		p1501	PL <sup>3</sup> / <sub>8</sub> x6	A36		1-0	8	8
1		p1496	PL <sup>3</sup> / <sub>8</sub> x5	A36		1-0	6	6
1		cp7_2	PL <sup>3</sup> / <sub>8</sub> x5	A36		5	3	3
FIELD BOLTS								
8			<sup>3</sup> / <sub>4</sub> NUT	A563	HHNT			
8			<sup>3</sup> / <sub>4</sub> WASHER	F436	HD			
2			<sup>3</sup> / <sub>4</sub> Dia A307			7		



### ONE COLUMN 02C252

AT GRID: (E REFER: E202)  
y-4 & X6  
15C PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

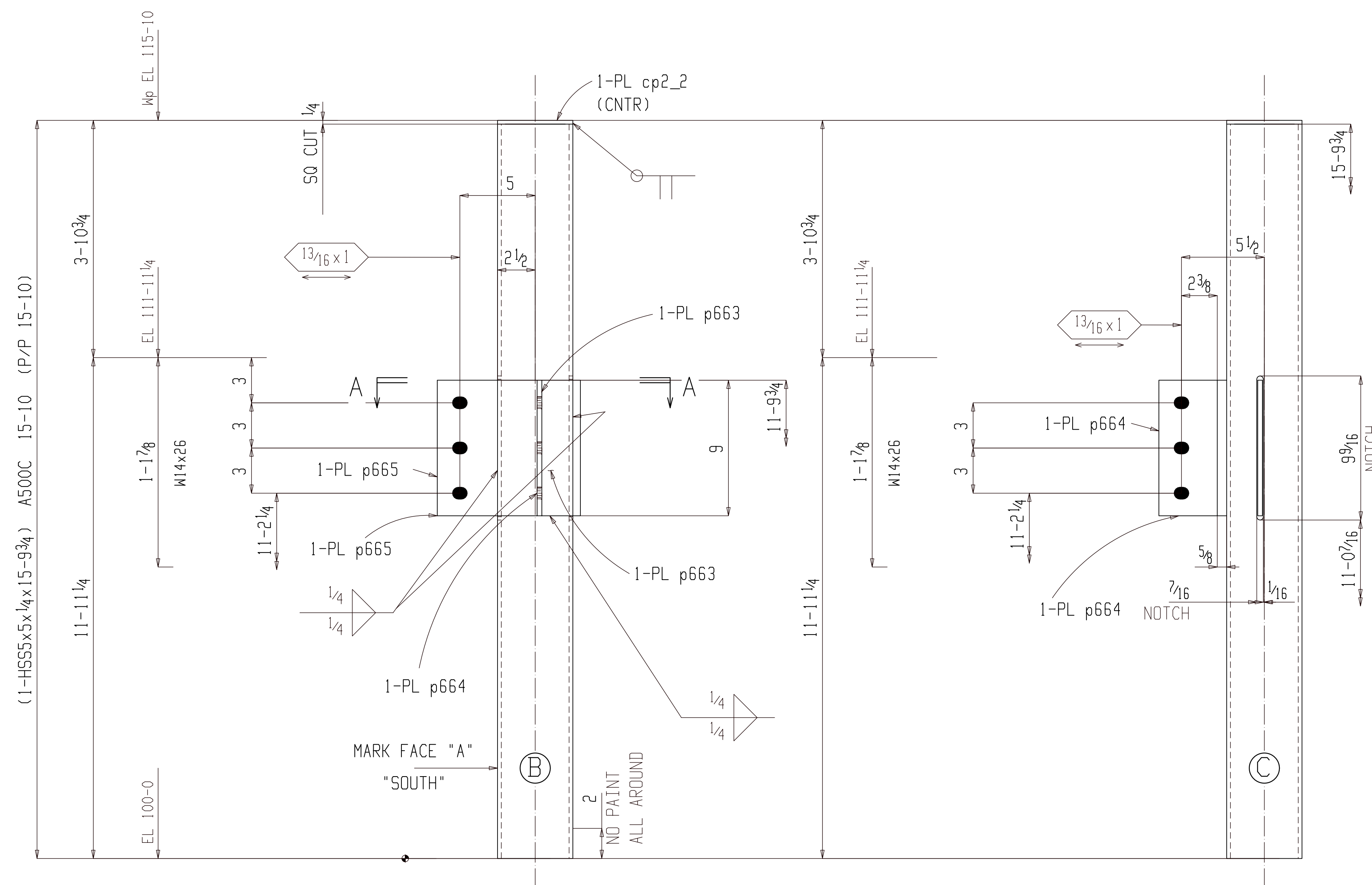
HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO	02C252

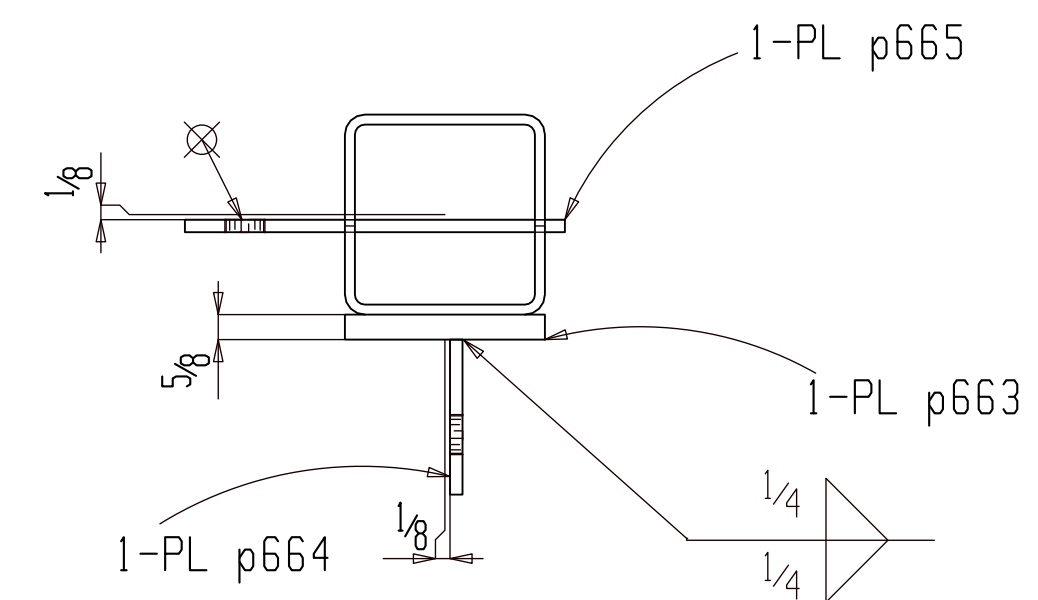
**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight
ONE	02C253		COLUMN					267
1		02C253	HSS5x5x1/4	A500C	S1E	15-9 3/4	247	247
1		p665	PL 5/16x9	A36		9 1/2	8	8
1		p664	PL 5/16x37/8	A36		9	3	3
1		p663	PL 5/8x5	A36		9	8	8
1		cp2_2	PL 1/4x5	A36		5	2	2



**ONE COLUMN 02C253**

AT GRID: A & 3  
 (E REFER: E203)  
 1SC PRIMER



**Section A-A**

02C253

**FOR APPROVAL**

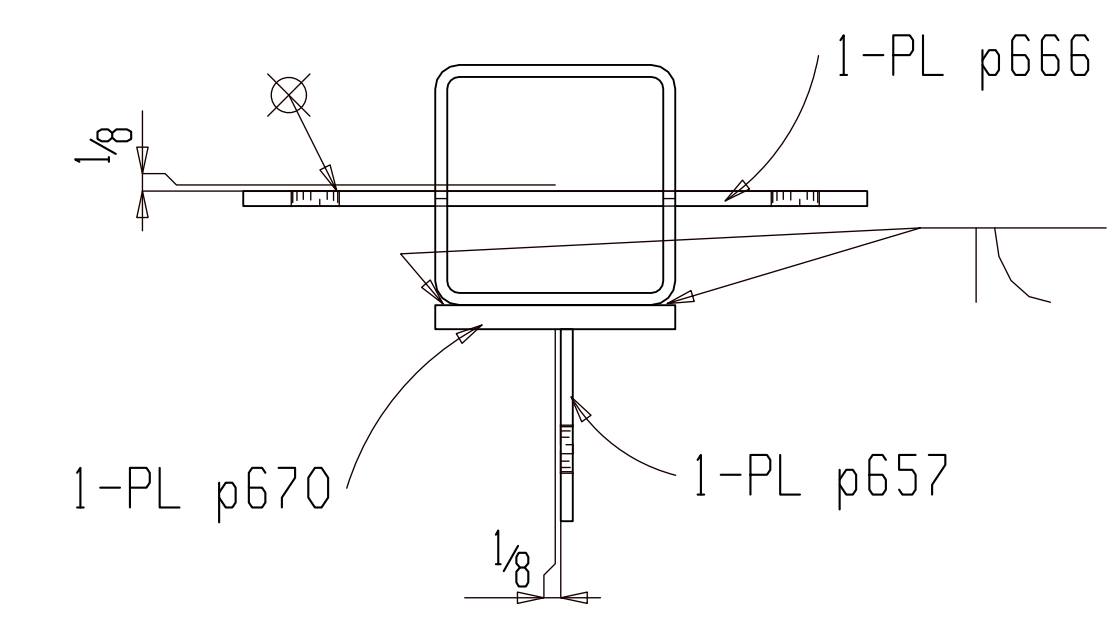
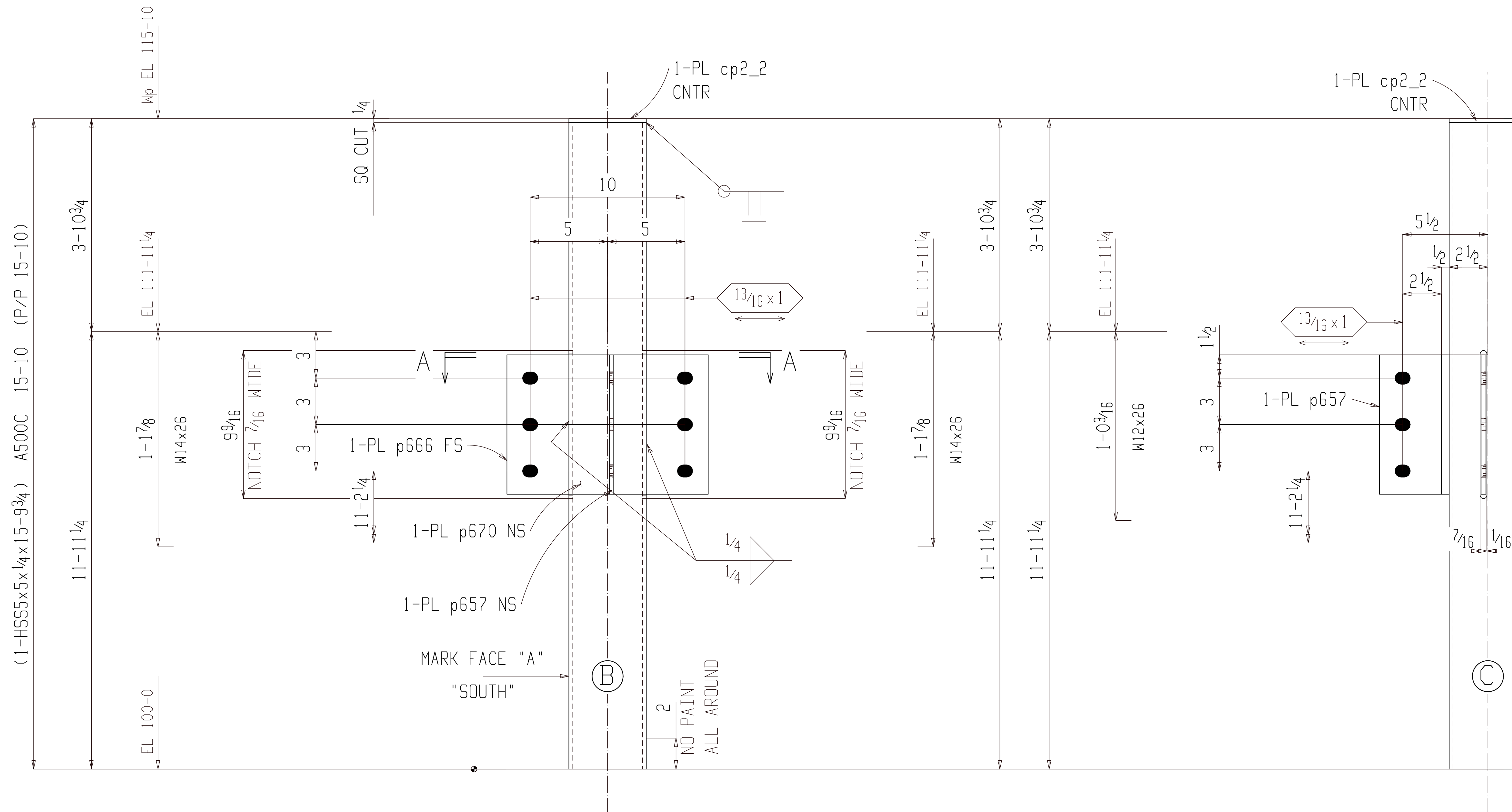
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION	DATE	



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWER	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	02C253

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C254		COLUMN					
1		02C254	HSS5x5x1/4	A500C	S1E	15-9 <sup>3</sup> / <sub>4</sub>	268	247
1		p666	PL <sup>5</sup> / <sub>16</sub> x9	A36		1-1	10	10
1		cp2_2	PL <sup>1</sup> / <sub>4</sub> x5	A36		5	2	2
1		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3
1		p670	PL <sup>1</sup> / <sub>2</sub> x5	A36		9	6	6



Section A-A

02C254

**ONE COLUMN 02C254**

AT GRID:  
A & 2

(E REFER: E203)

1 SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

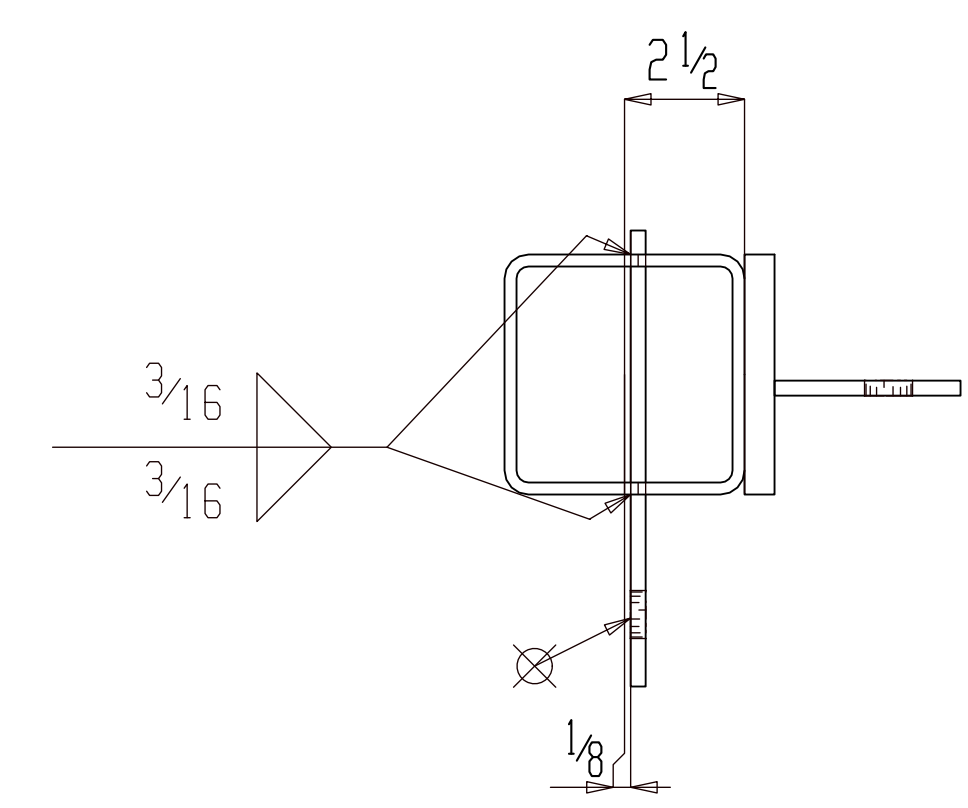
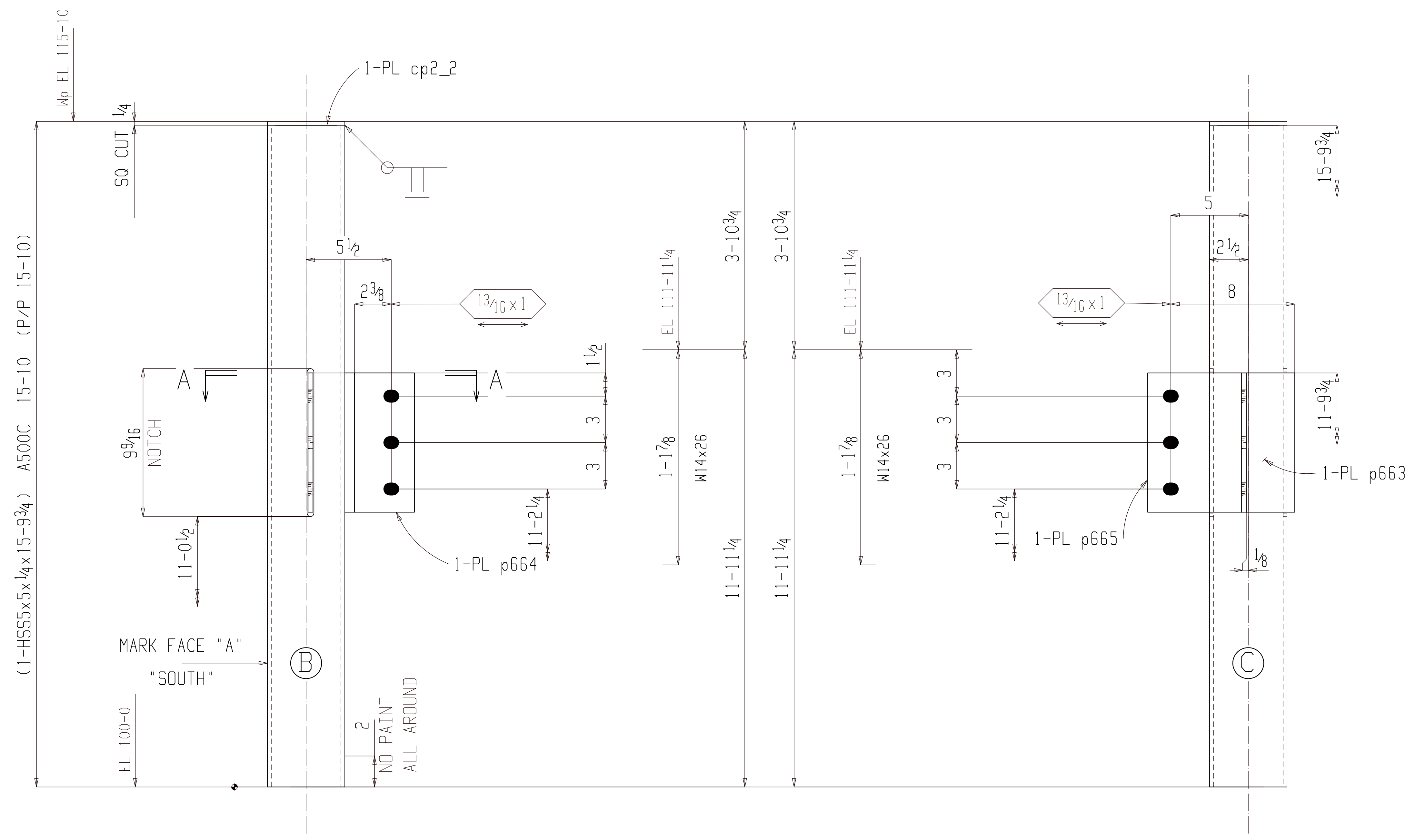
HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE

GENERAL ARRANGEMENT

DATE	04-04-22	CHECKER	ALN	APPROVED	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	△
JOB LOCATION								GREAT FALLS, MONTANA	DWG NO	02C254	

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C255		COLUMN					267	267
1		02C255	HSS5x5x1/4	A500C	S1E	15-9 3/4	247	247	
1		p665	PL 5/16x9	A36		9 1/2	8	8	
1		p664	PL 5/16x3 7/8	A36		9	3	3	
1		p663	PL 5/8x5	A36		9	8	8	
1		cp2_2	PL 1/4x5	A36		5	2	2	



ONE COLUMN 02C255

AT GRID:  
A & 1

(E REFER: E203)

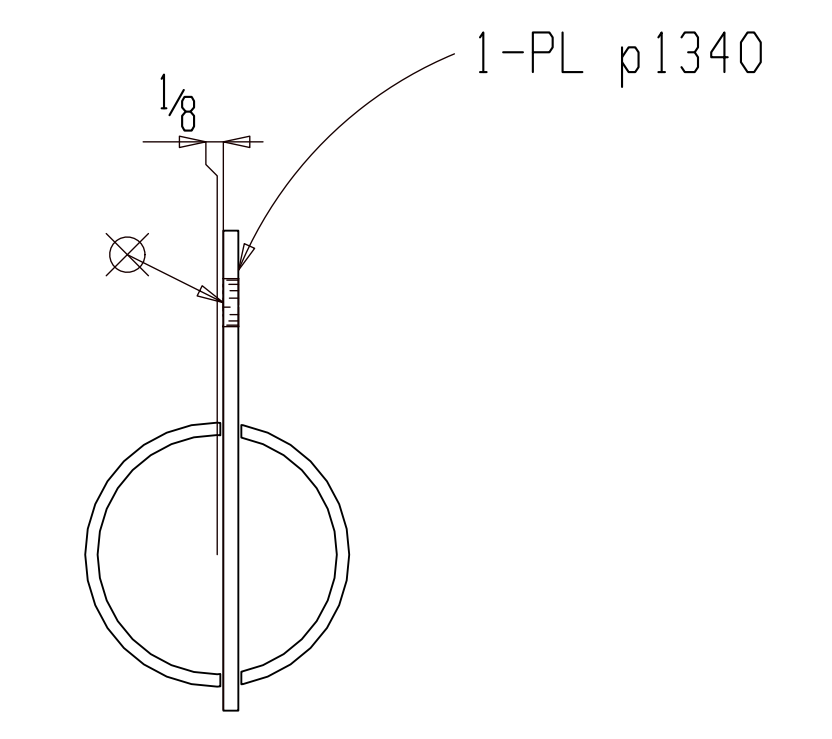
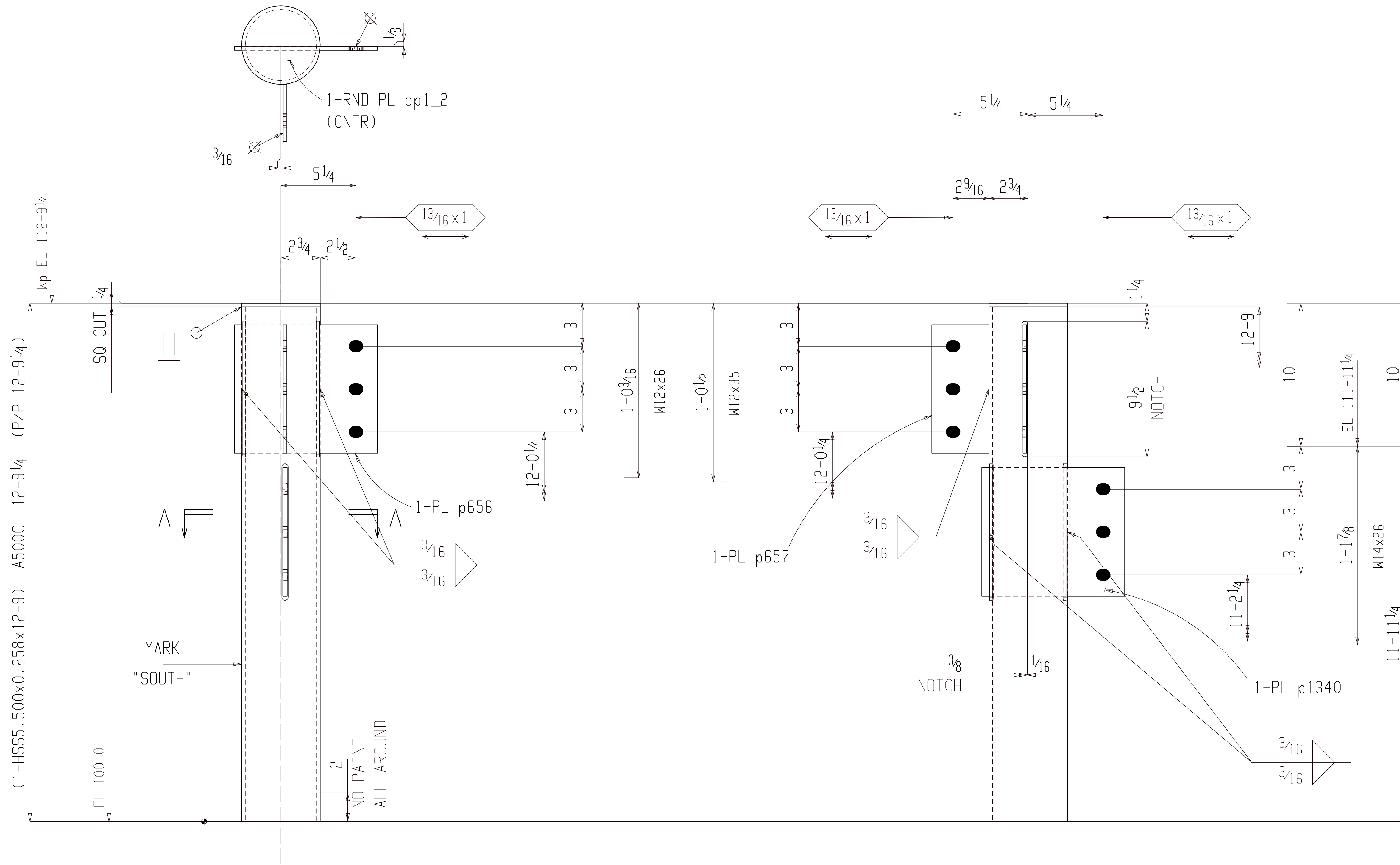
1SC PRIMER

Section A-A

02C255

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			
DRAWN	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN	PROJECT NO	2210
APPROVED	04-04-22	DWG NO	02C255

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	02C256		COLUMN					203	203
1		02C256	HSS5.500x0.258	A500C	S1E	12-9	184	184	
1		p1340	PL <sup>5</sup> / <sub>16</sub> x9	A36		10	8	8	
1		p656	PL <sup>1</sup> / <sub>4</sub> x9	A36		10	6	6	
1		cp1_2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36			2	2	
1		p657	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3	



Section A-A  
02C256

ONE COLUMN 02C256

AT GRID:  
B & I

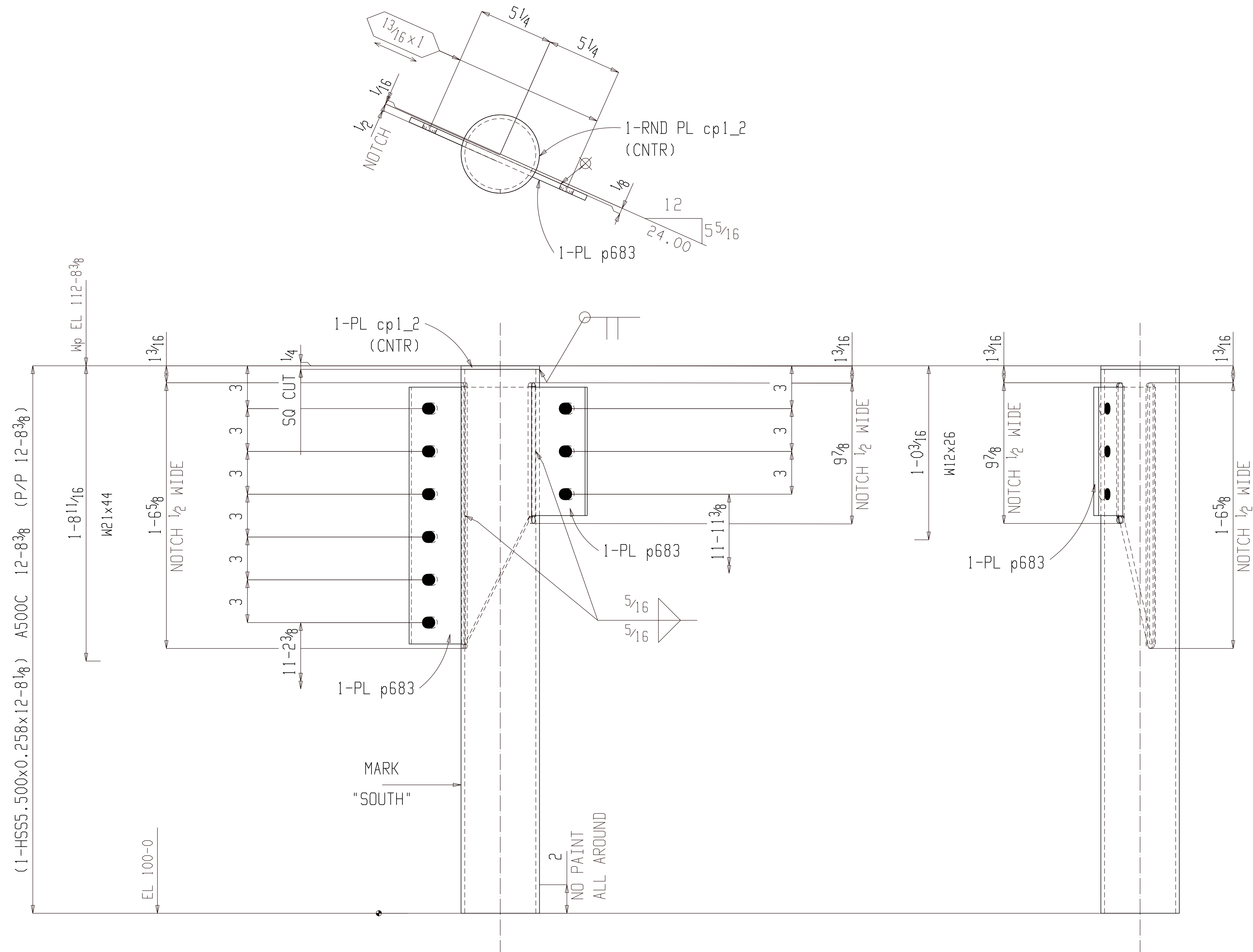
(E REFER: E203)

FIBERPROOF MEMBER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE
GENERAL ARRANGEMENT			
DRAWN	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	CHECKER	ALN
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
PROJECT NO	2210	REV	A
DWG NO	02C256		

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C257		COLUMN					211	211
1		02C257	HSS5.500x0.258	A500C	S1E	12-8 <sup>1</sup> / <sub>8</sub>	183	183	
1		p683	PL <sup>3</sup> / <sub>8</sub> x13 <sup>1</sup> / <sub>2</sub>	A36		1-6	26	26	
1		cp1.2	PL <sup>1</sup> / <sub>4</sub> x5 <sup>1</sup> / <sub>2</sub>	A36			2	2	



ONE COLUMN 02C257

AT GRID:  
X2 & Y5

(E REFER: E203)

ISC PRIMER

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13 <sup>1</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		

GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
REV	DESCRIPTION			DATE

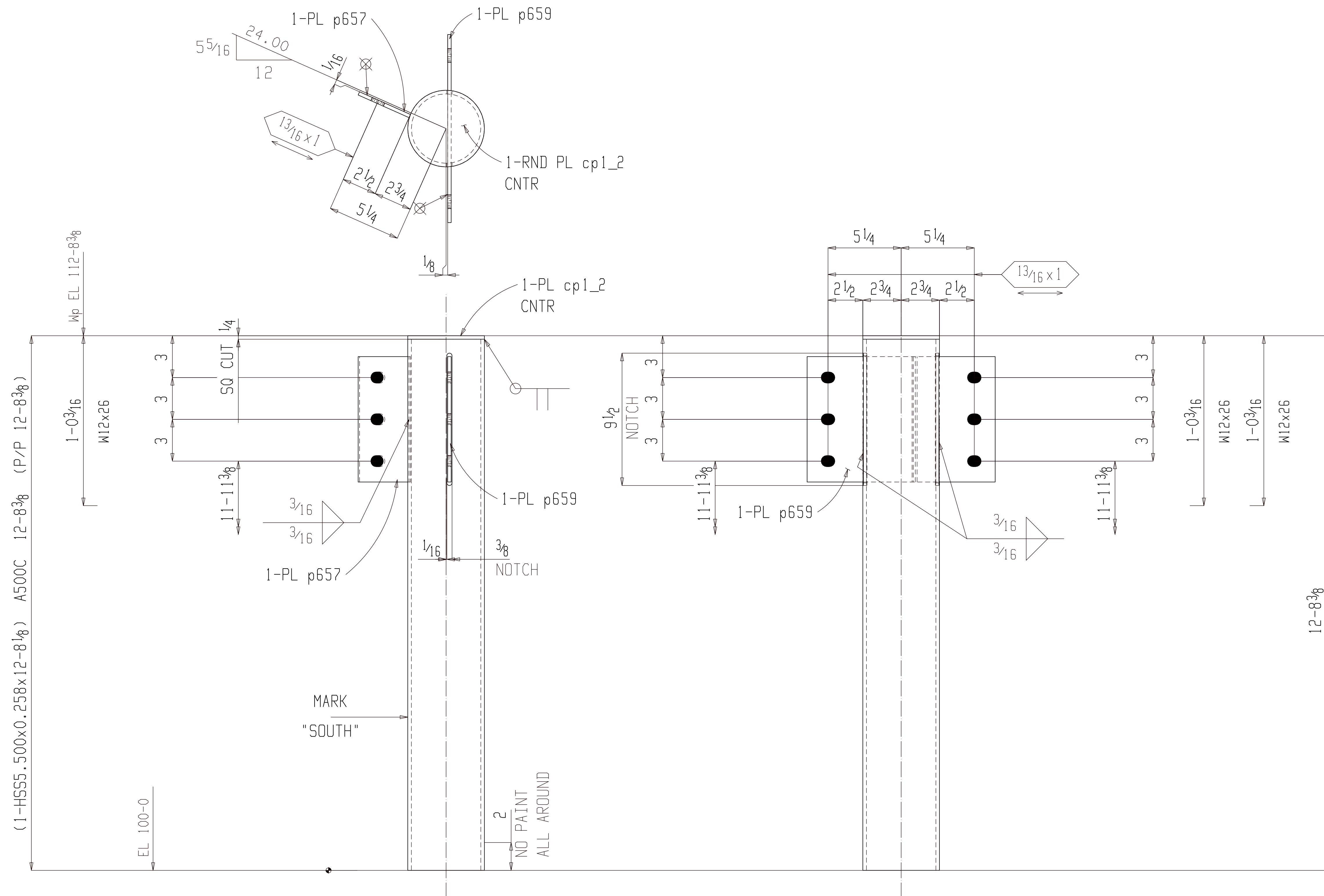


GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	AKM	JOB NAME	2210	△
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22		GREAT FALLS, MONTANA	DWG NO 02C257



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C258		COLUMN					196	196
1		02C258	HSS5.500x0.258	A500C	S1E	12-8 1/8	183	183	
1		p659	PL 1/4x9	A36		1-1 1/2	9	9	
1		cp1_2	PL 1/4x5 1/2	A36			2	2	
1		p657	PL 1/4x4	A36			9	3	3



**ONE COLUMN 02C258**

AT GRID:  
X2 & 0.9

(E REFER: E203)

ISC PRIMER

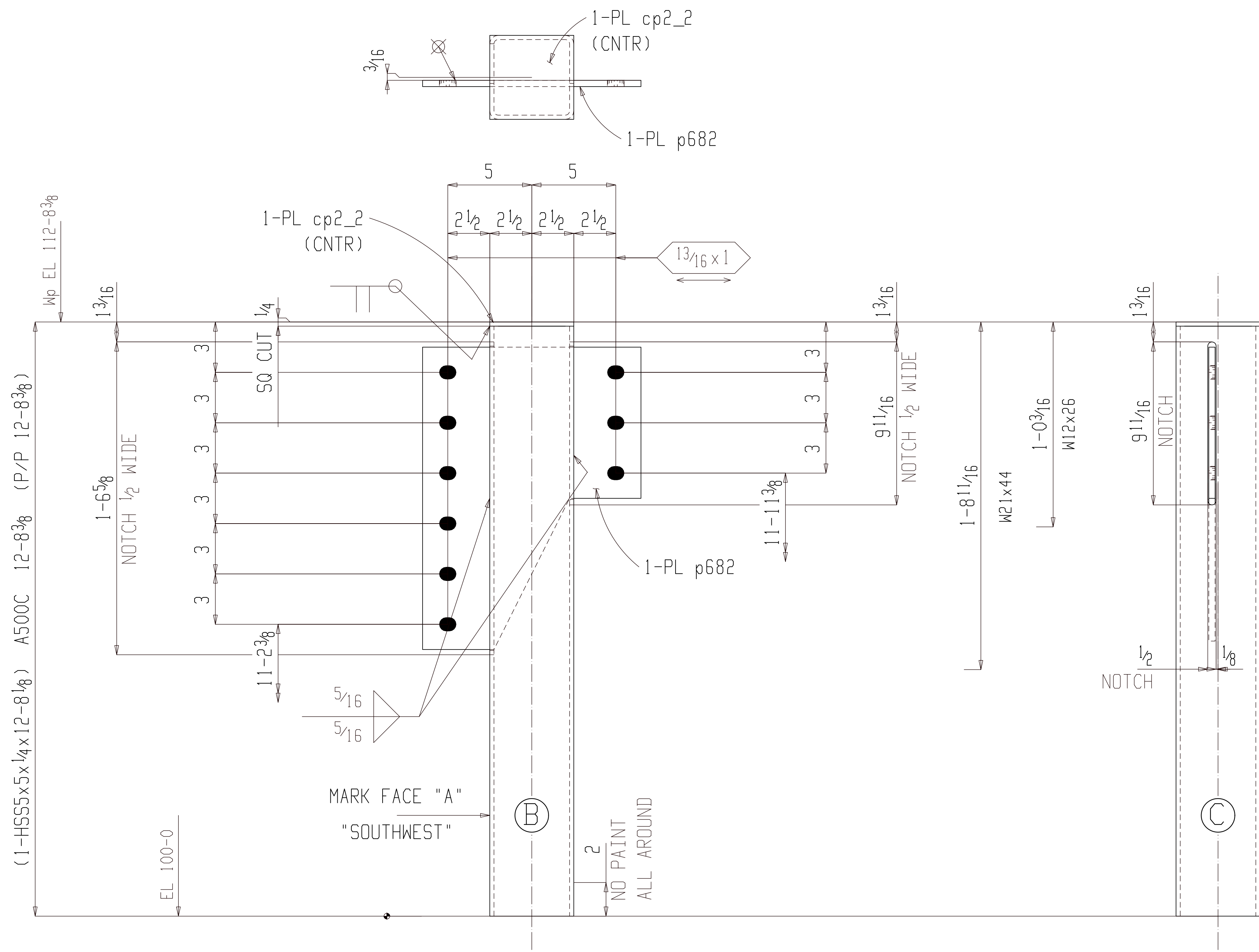
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	▲
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	02C258



ONE COLUMN 02C259

AT GRID:  
X3 & Y5

(E REFER: E203)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight
ONE	02C259		COLUMN					225
1		02C259	HSS5x5x1/4	A500C	S1E	12-8 1/8	198	198
1		p682	PL 3/8x13	A36		1-6	25	25
1		cp2_2	PL 1/4x5	A36		5	2	2

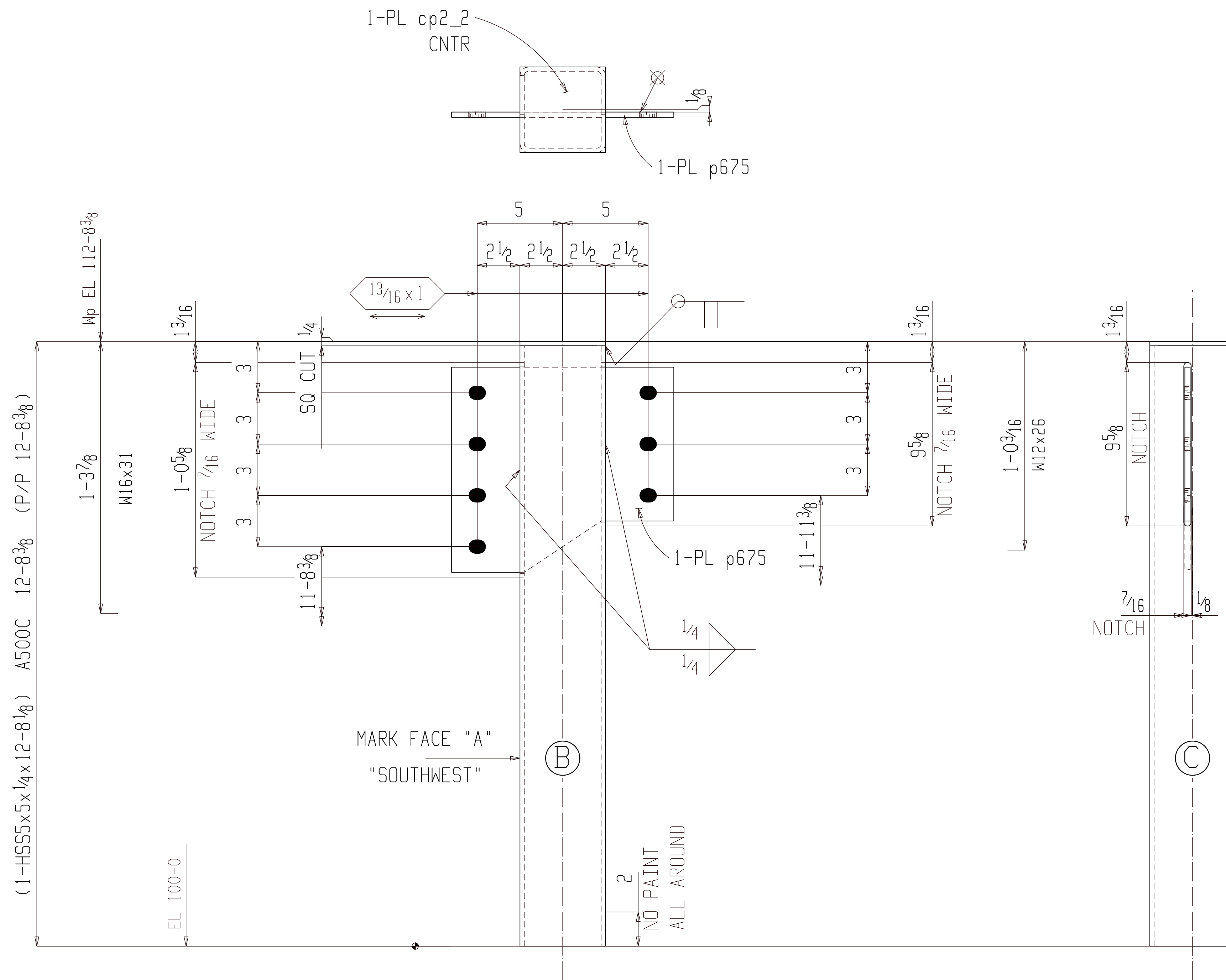
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C259
APPROVED	04-04-22				



ONE COLUMN 02C260

AT GRID:  
X5 & Y5

(E REFER: E203)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C260		COLUMN					214	214
1		02C260	HSS5x5x1/4	A500C	S1E	12-8 1/8	198	198	
1		p675	PL5 1/2x12	A36		1-1	14	14	
1		cp2_2	PL1 1/4x5	A36		5	2	2	

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

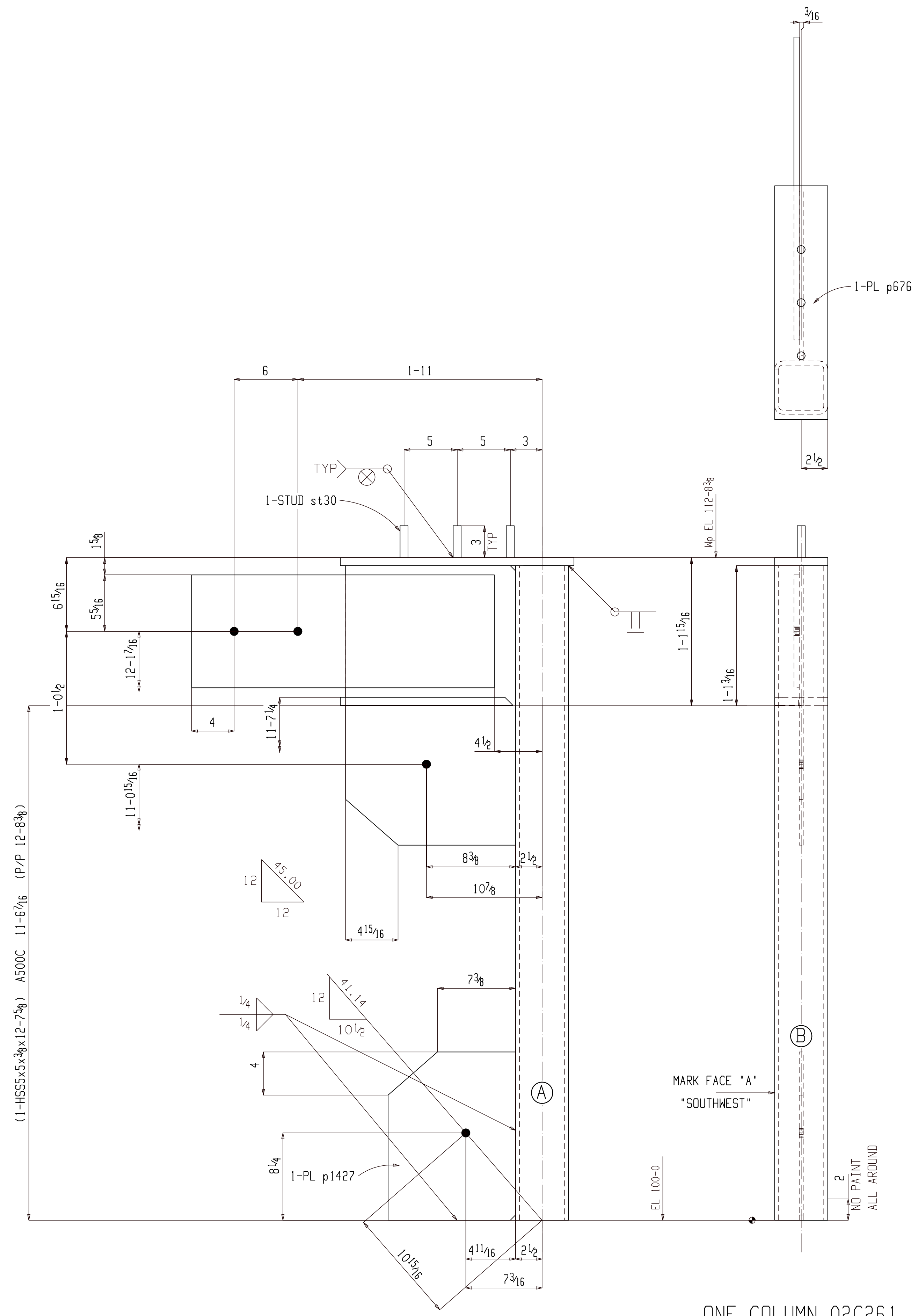
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C260
APPROVED	04-04-22				

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight
ONE	02C261		COLUMN					432
1		02C261	HSS5x5x $\frac{3}{8}$	A500C		12-7 $\frac{5}{8}$		283
3		st30	TWS $\frac{3}{4}$	A108		3		0
1		p1431	PL $\frac{3}{8}$ x16	A572-50		2-2 $\frac{5}{16}$		45
1		p1427	PL $\frac{3}{8}$ x12	A572-50		1-3 $\frac{13}{16}$		20
1		p1246	PL $\frac{3}{4}$ x5	A572-50		1-4 $\frac{1}{4}$		17
1		p676	PL $\frac{3}{4}$ x5	A572-50		1-10		23
1		p1251	PL $\frac{1}{2}$ x10 $\frac{5}{8}$	A572-50		2-4 $\frac{1}{2}$		43



**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE

1SC PRIMER

GENERAL ARRANGEMENT

DATE	04-04-22	CHECKER	ALN	APPROVED	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	A
							JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C261	

ONE COLUMN 02C261

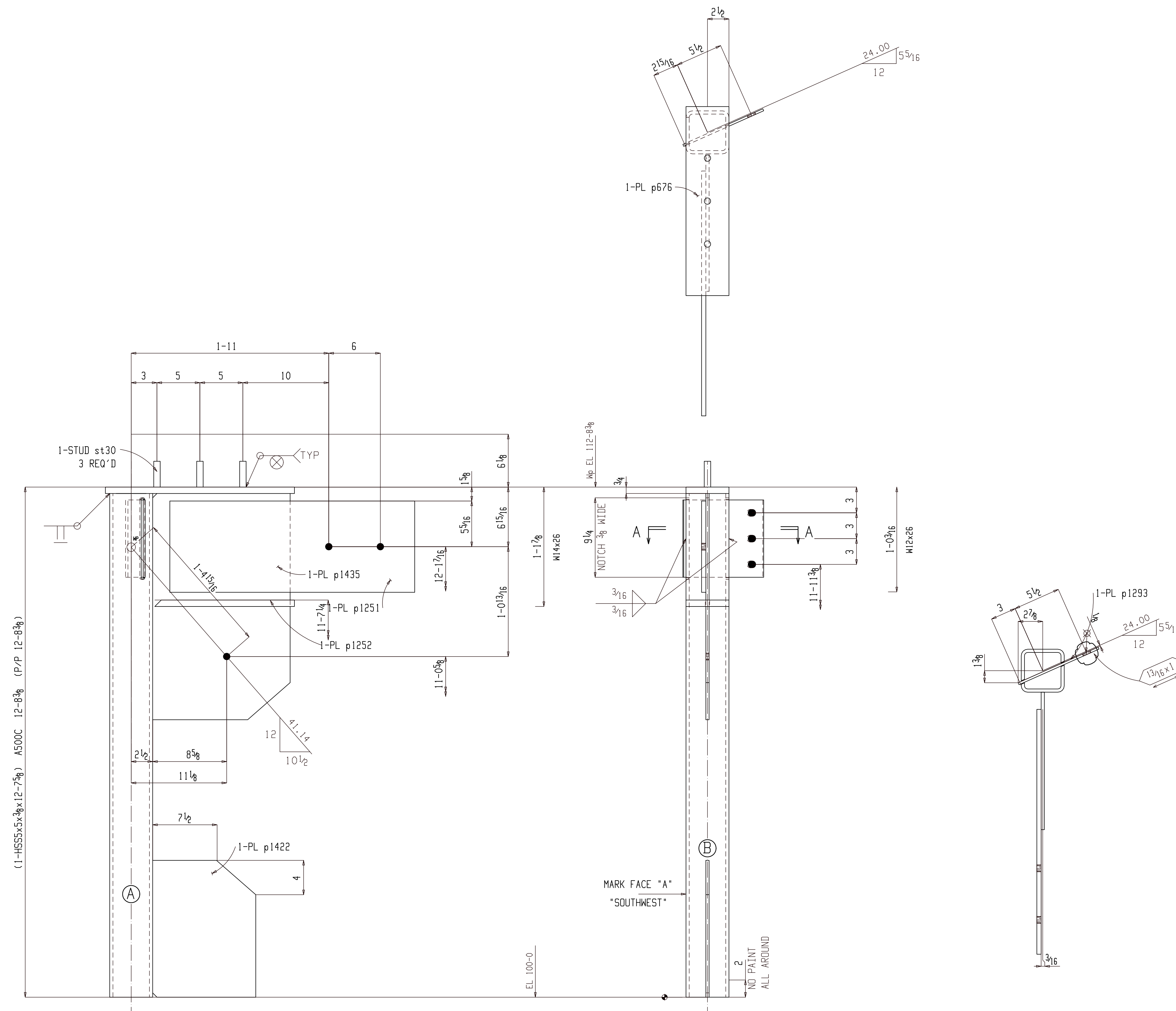
AT GRID:  
X5 & w.p

(E REFER: E203)

1SC PRIMER

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C262		COLUMN				439	439
1		02C262	HSS5x5x3/8	A500C		12-7 <sup>5</sup> / <sub>16</sub>	283	283
3		st30	TWS <sup>3</sup> / <sub>4</sub>	A108		3	0	1
1		p1435	PL <sup>3</sup> / <sub>8</sub> x16	A572-50		2-2 <sup>5</sup> / <sub>16</sub>	45	45
1		p1422	PL <sup>3</sup> / <sub>8</sub> x12	A572-50		1-3 <sup>15</sup> / <sub>16</sub>	20	20
1		p1252	PL <sup>3</sup> / <sub>4</sub> x5	A572-50		1-4 <sup>1</sup> / <sub>4</sub>	17	17
1		p676	PL <sup>3</sup> / <sub>4</sub> x5	A572-50		1-10	23	23
1		p1293	PL <sup>1</sup> / <sub>4</sub> x9	A36		10 <sup>3</sup> / <sub>16</sub>	6	6
1		p1251	PL <sup>1</sup> / <sub>2</sub> x10 <sup>5</sup> / <sub>8</sub>	A572-50		2-4 <sup>1</sup> / <sub>2</sub>	43	43



**ONE COLUMN 02C262**

AT GRID: D.2 & Y7 (E REFER: E203)  
 1 SC PRIMER

Section A-A  
 02C262

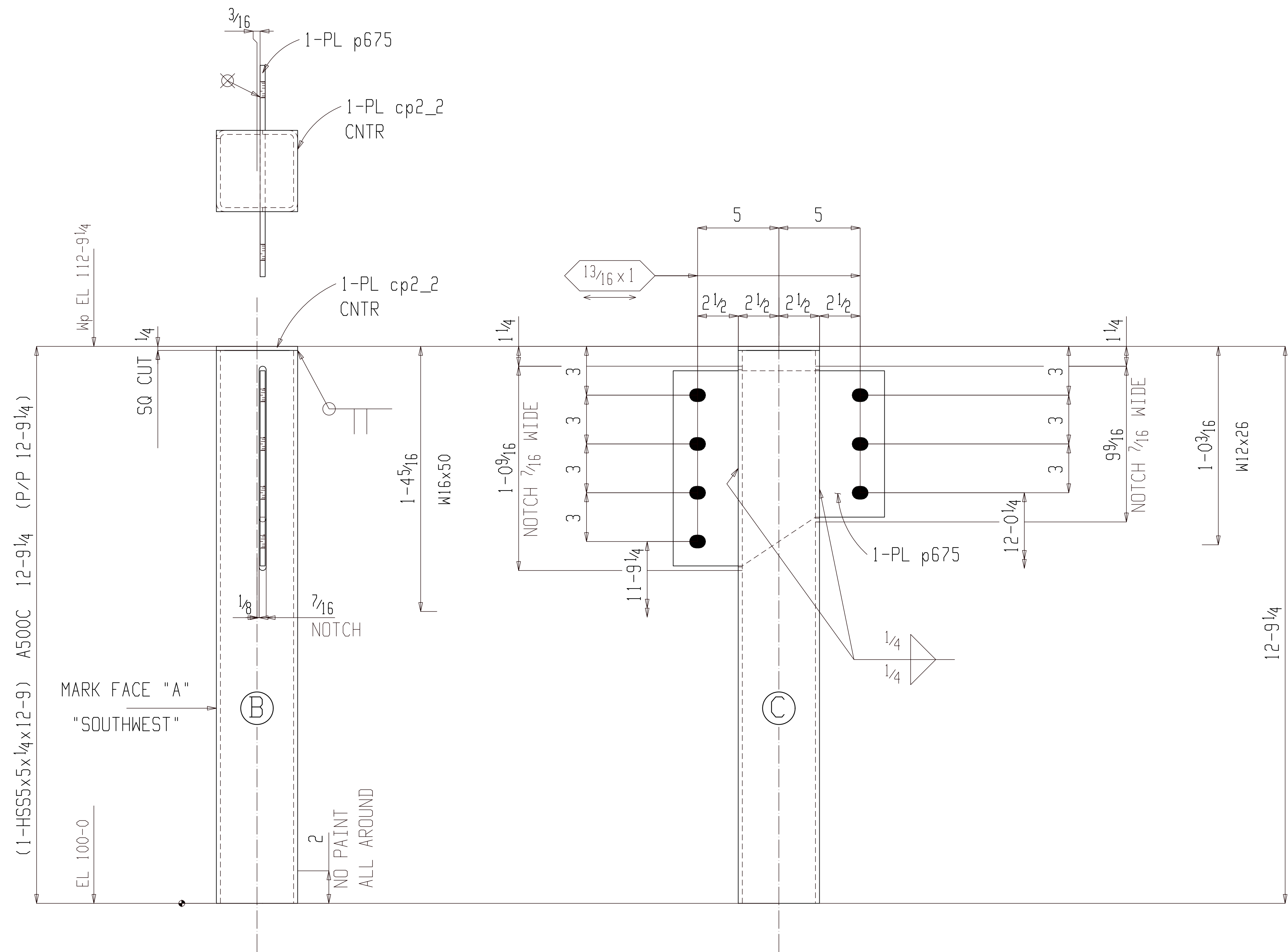
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE

GENERAL ARRANGEMENT

DATE	04-04-22	CHECKER	ALN	APPROVED	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	A
JOB LOCATION								GREAT FALLS, MONTANA	DWG NO		02C262



ONE COLUMN 02C263

AT GRID:  
X5 & Y7

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C263		COLUMN				215	215
1		02C263	HSS5x5x1/4	A500C	S1E	12-9	199	199
1		p675	PL5/16x12	A36		1-1	14	14
1		cp2_2	PL1/4x5	A36		5	2	2

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

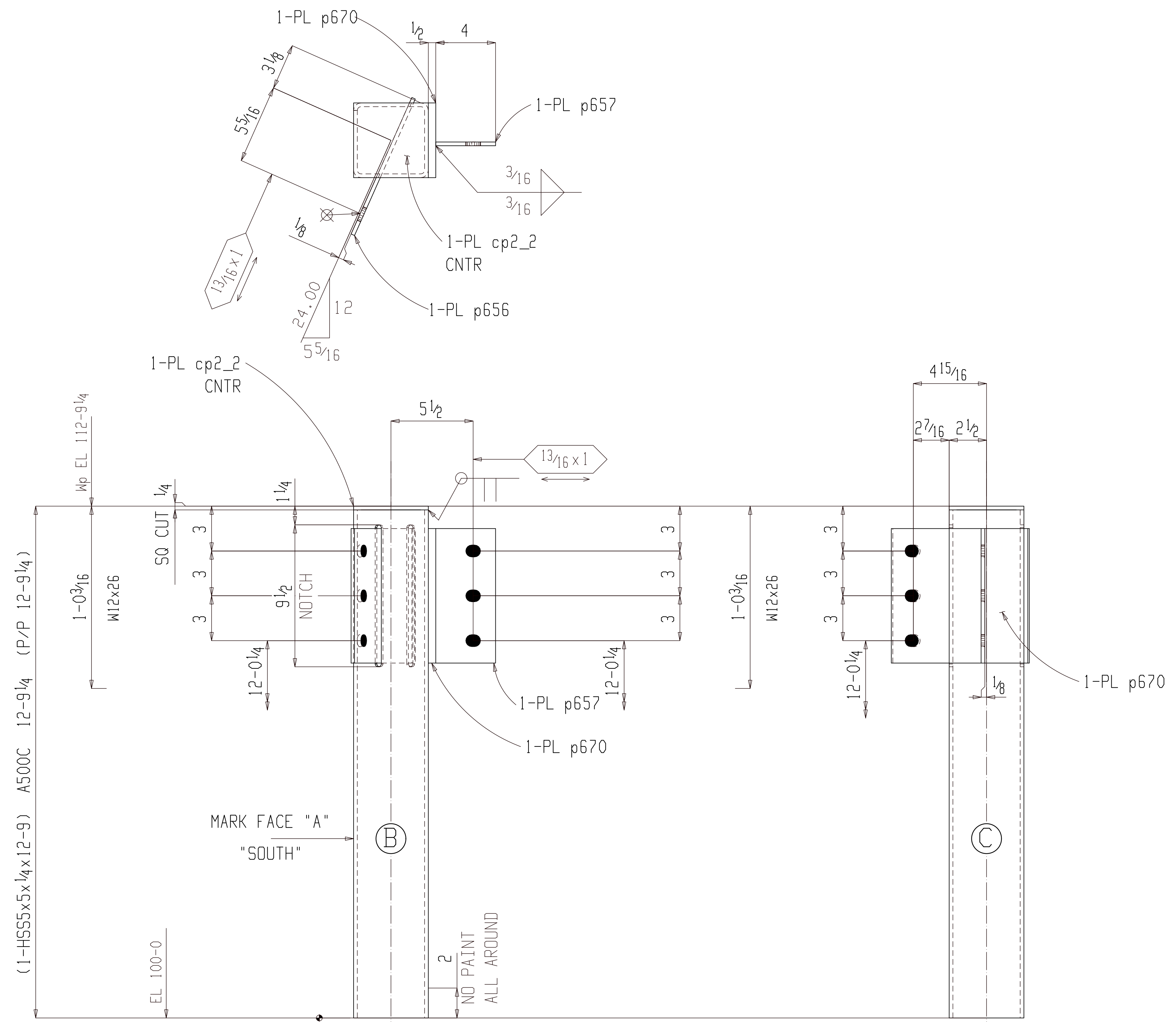
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWN	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	02C263

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C264		COLUMN				216	216
1		02C264	HSS5x5x1/4	A500C	S1E	12-9	199	199
1		p656	PL1/4x9	A36		10	6	6
1		cp2_2	PL1/4x5	A36		5	2	2
1		p657	PL1/4x4	A36		9	3	3
1		p670	PL1/2x5	A36		9	6	6



**ONE COLUMN 02C264**

AT GRID: (E REFER: E203)  
 E & Y7  
 PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**FOR APPROVAL**

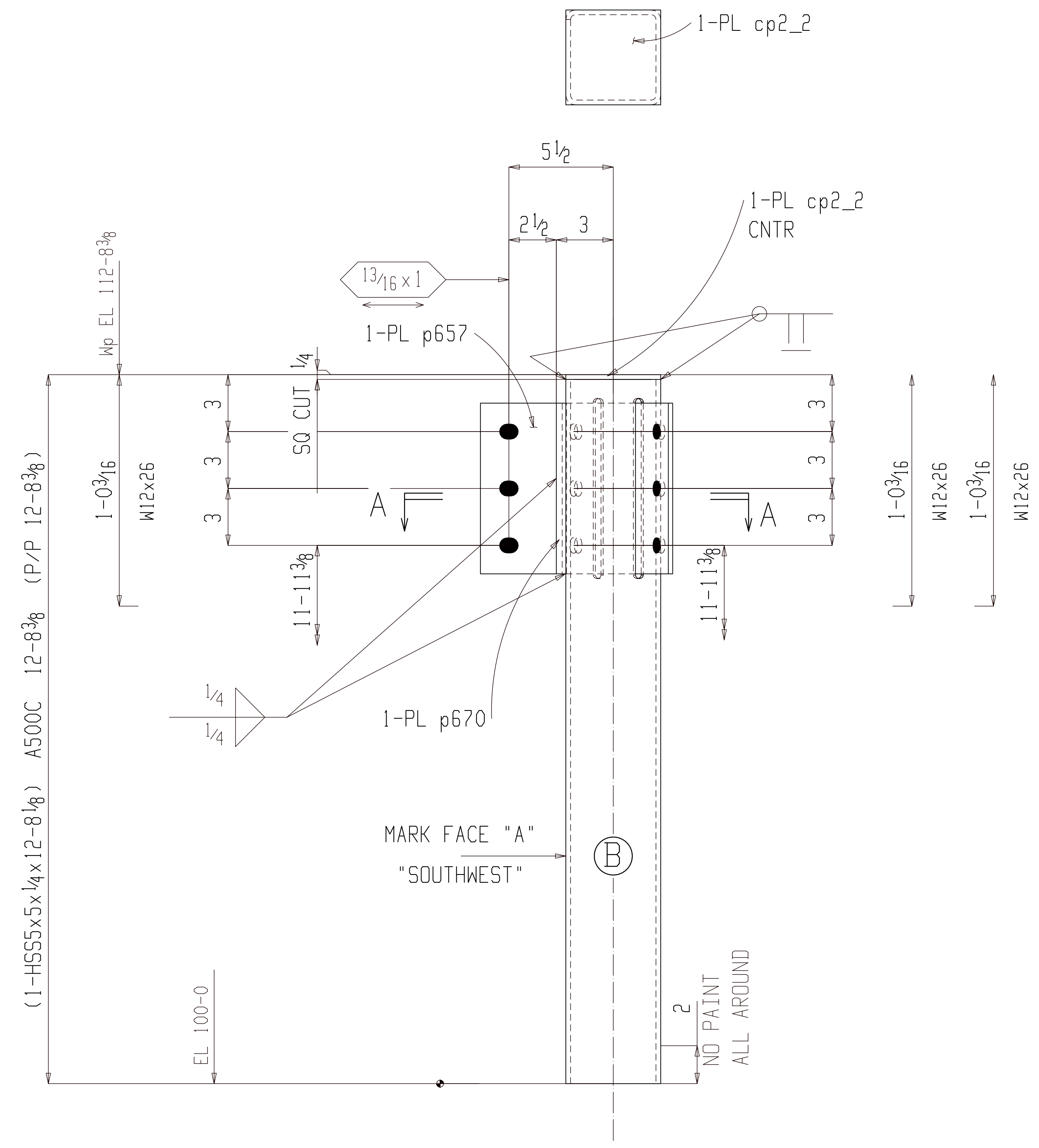
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE

GENERAL ARRANGEMENT

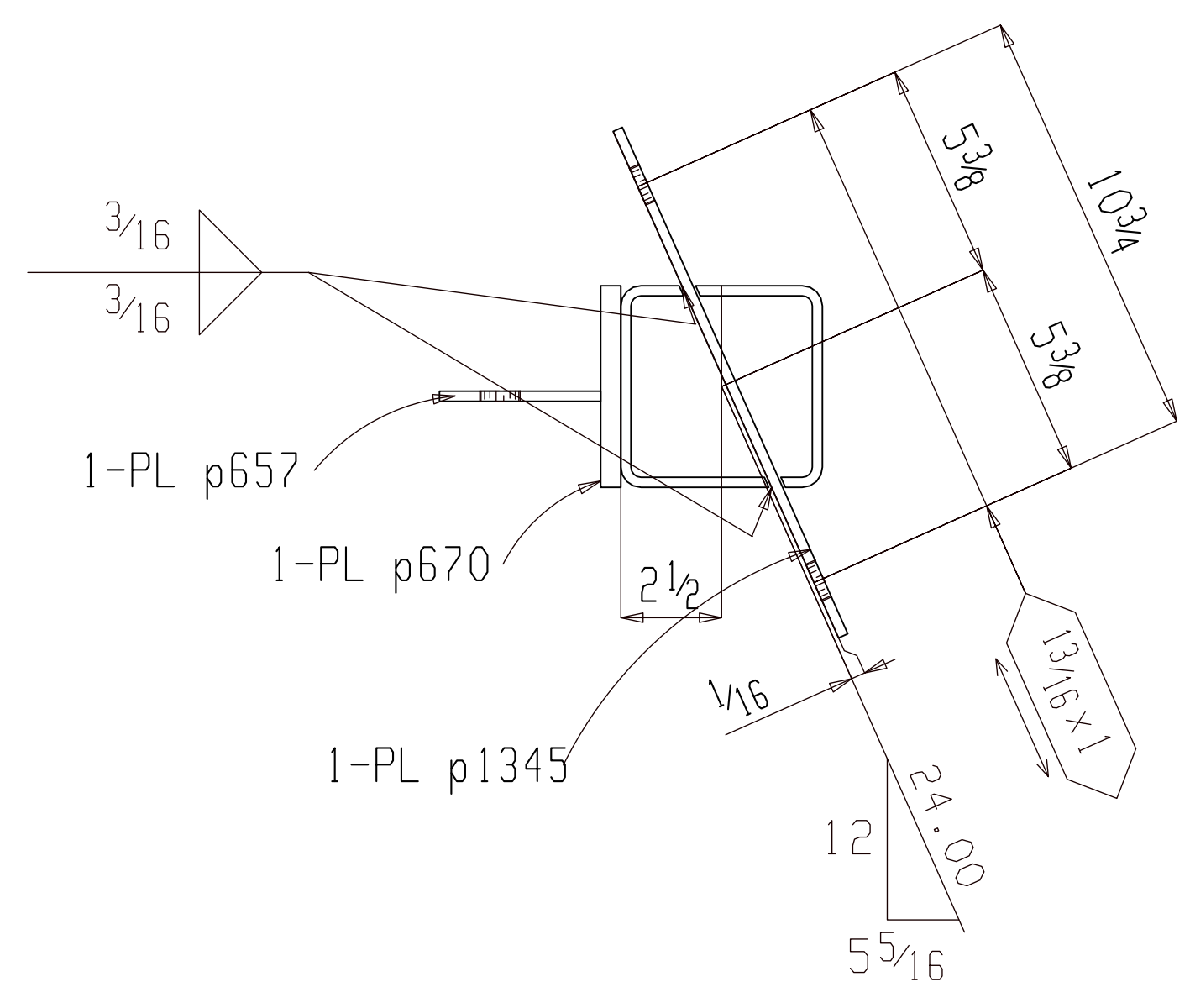
DATE	04-04-22	DATE	04-04-22	DATE	04-04-22
CHECKER	ALN	CHECKER	ALN	CHECKER	ALN
APPROVED		APPROVED		APPROVED	

PROJECT NO 2210  
 JOB NAME MILWAUKEE STATION APARTMENTS  
 JOB LOCATION GREAT FALLS, MONTANA  
 DWG NO 02C264



ONE COLUMN 02C265

AT GRID: (E REFER: E203)  
 X3 & 0.9  
 1 SC PRIMER



Section A-A

02C265

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C265		COLUMN					217	217
1		02C265	HSS5x5x1/4	A500C	S1E	12-8 1/8		198	198
1		p1345	PL 1/4x9	A36		1-1 3/4		9	9
1		cp2_2	PL 1/4x5	A36		5		2	2
1		p657	PL 1/4x4	A36		9		3	3
1		p670	PL 1/2x5	A36		9		6	6

FOR APPROVAL

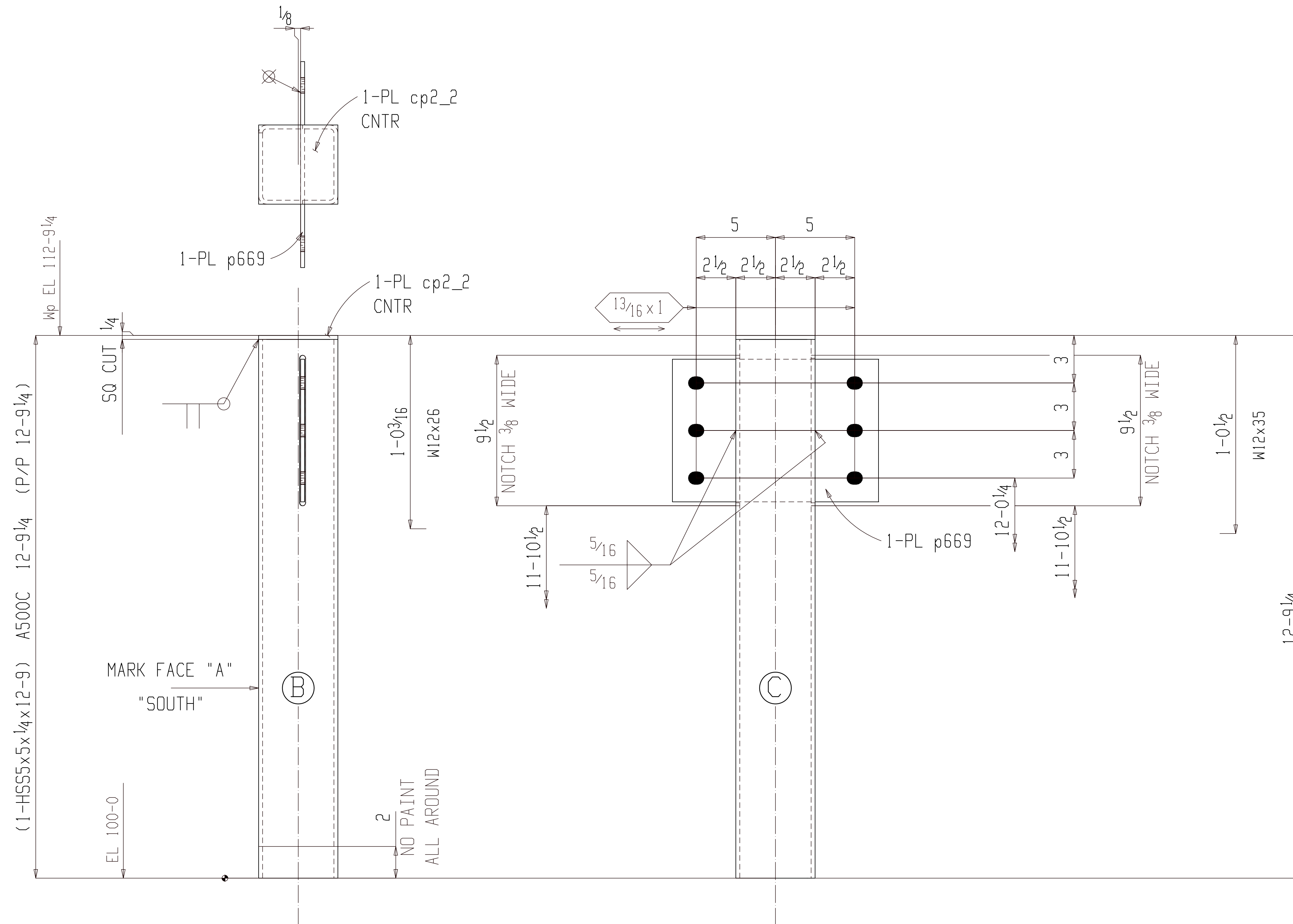
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWN	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	02C265





ONE COLUMN 02C266

AT GRID:  
Y7 & 0.9

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02C266		COLUMN					209	209
1		02C266	HSS5x5x1/4	A500C	S1E	12-9	199	199	
1		p669	PL1/4x9	A36		1-1	8	8	
1		cp2_2	PL1/4x5	A36		5	2	2	

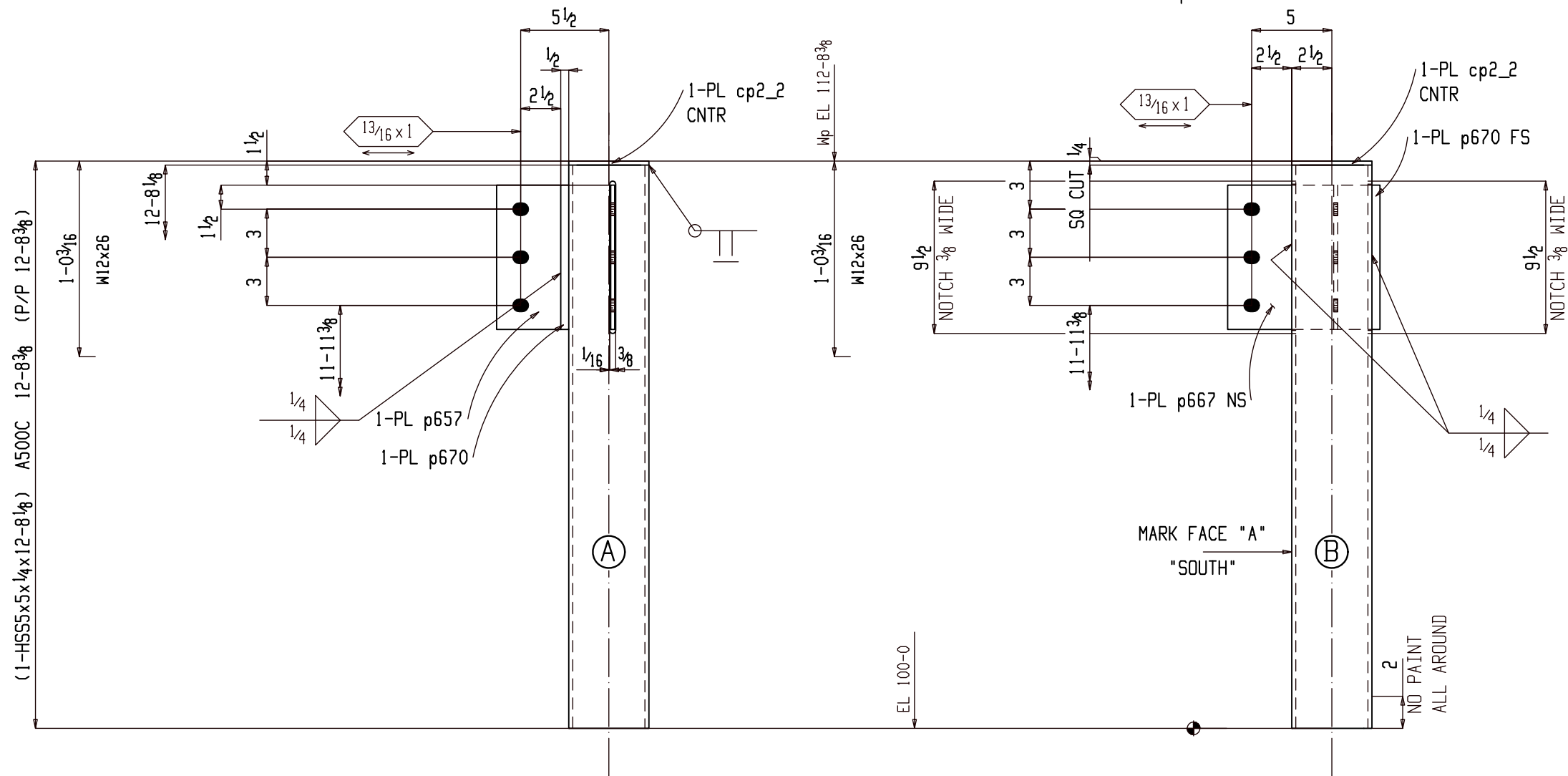
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02C266
APPROVED	04-04-22				



ONE COLUMN 02C267

AT GRID:  
D.2 & 0.9

(E REFER: E203)

1 SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C267		COLUMN				215	215
1		02C267	HSS5x5x1/4	A500C	S1E	12-8 1/8	198	198
1		p667	PL 1/4x9	A36		9 1/2	6	6
1		cp2_2	PL 1/4x5	A36		5	2	2
1		p657	PL 1/4x4	A36		9	3	3
1		p670	PL 1/2x5	A36		9	6	6

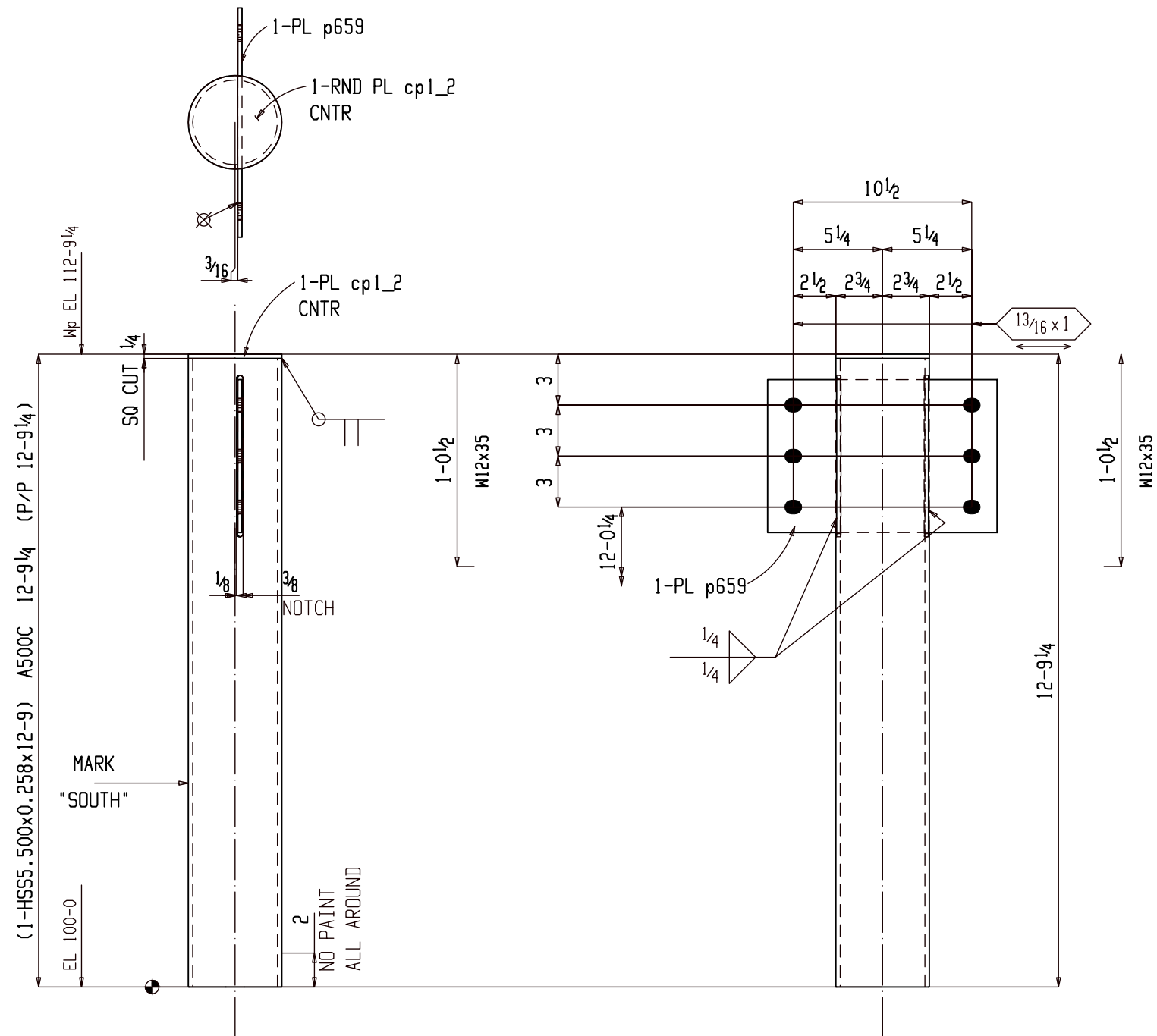
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				



ONE COLUMN 02C268

AT GRID:  
X2 & 1

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C268		COLUMN				195	195
1		02C268	HSS5.500x0.258	A500C	S1E	12-9	184	184
1		p659	PL 1/4x9	A36		1-1 1/2	9	9
1		cp1 2	PL 1/4x5 1/2	A36			2	2

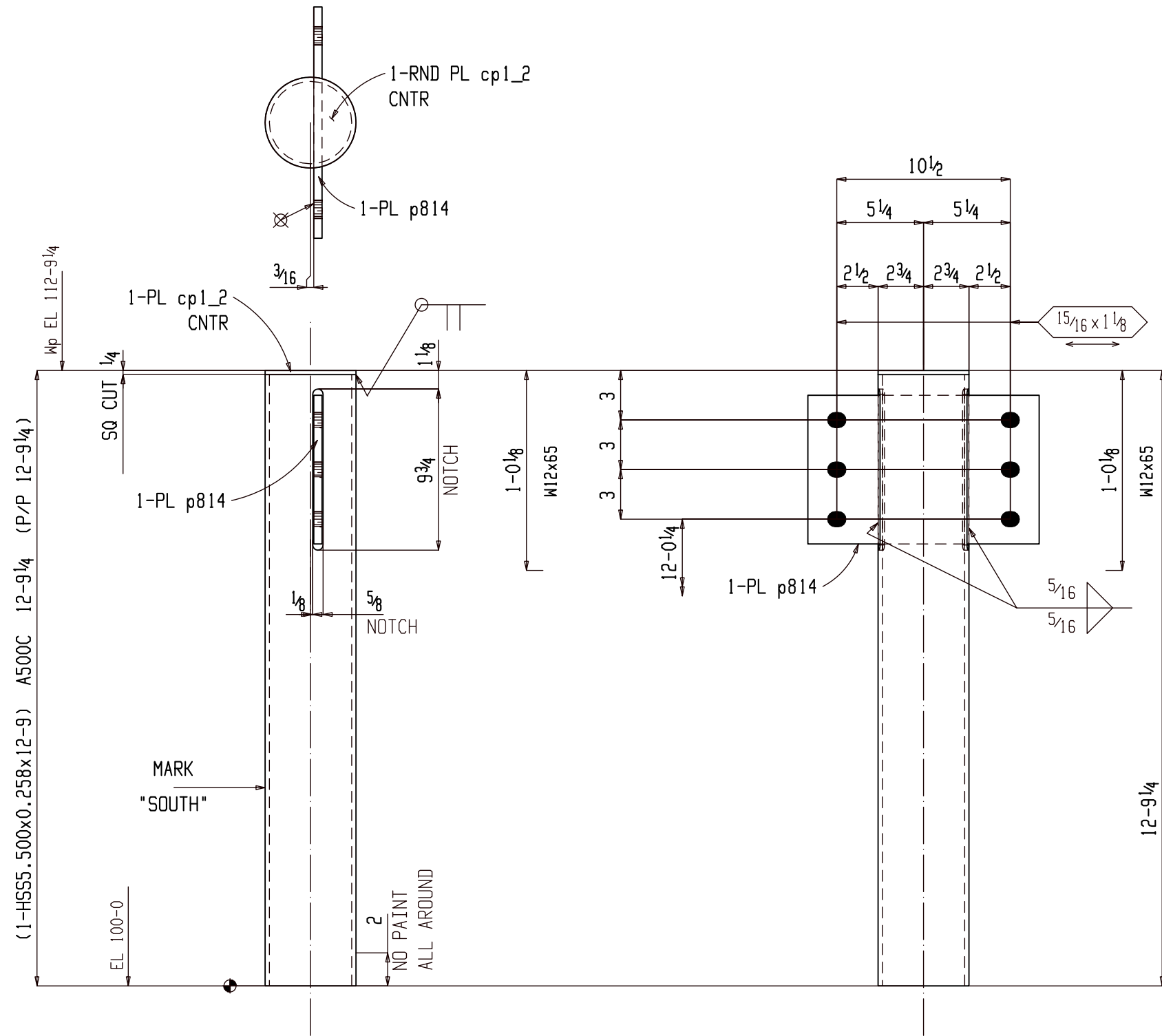
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT			2210		
			02C268		



ONE COLUMN 02C269

AT GRID:  
B2 & 2

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C269		COLUMN				204	204
1		02C269	HSS5.500x0.258	A500C	S1E	12-9	184	184
1		cp1_2	PL 1/4x5 1/2	A36			2	2
1		p814	PL 1/2x9	A36		1-2	18	18

### FOR APPROVAL

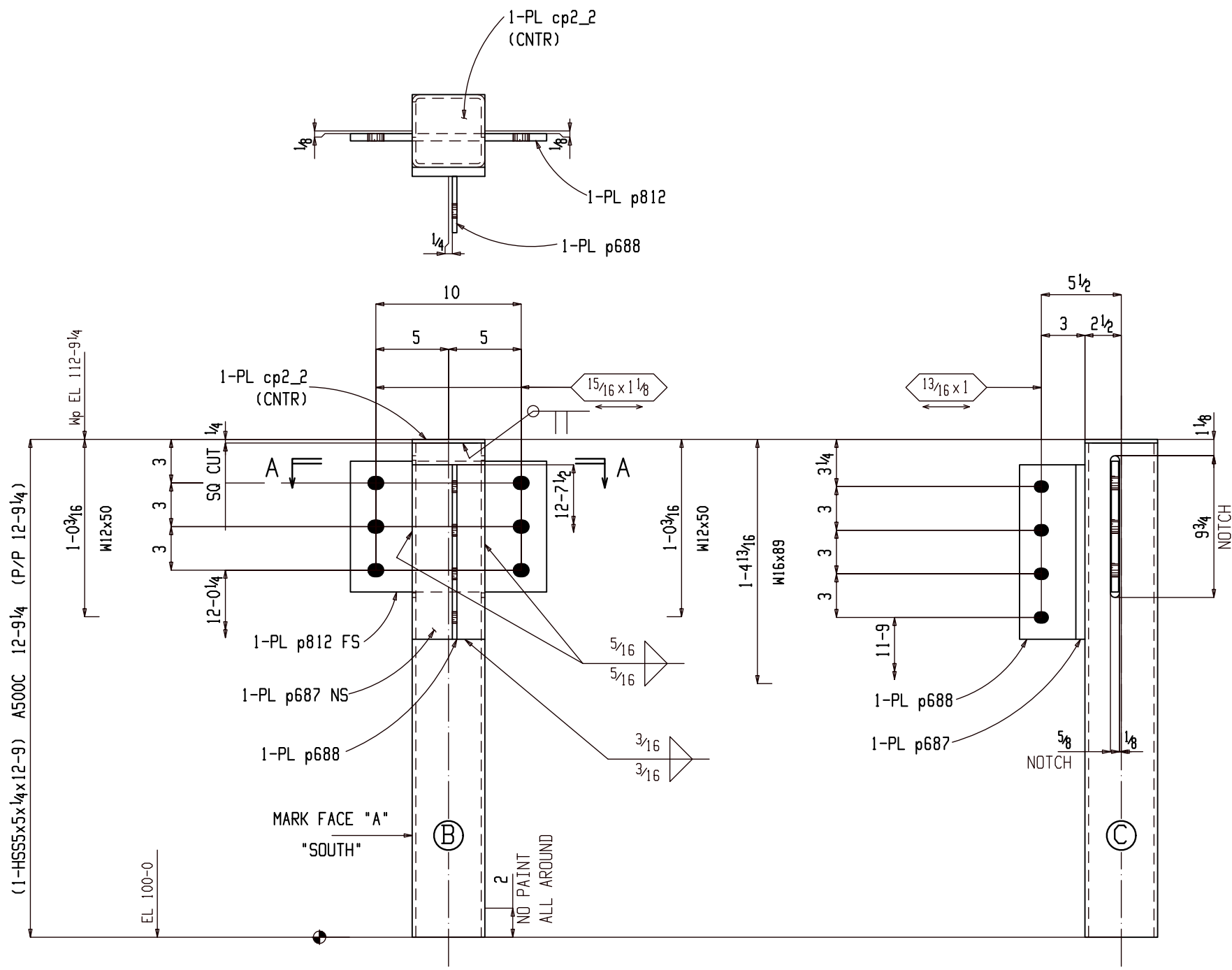
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			





ONE COLUMN 02C271

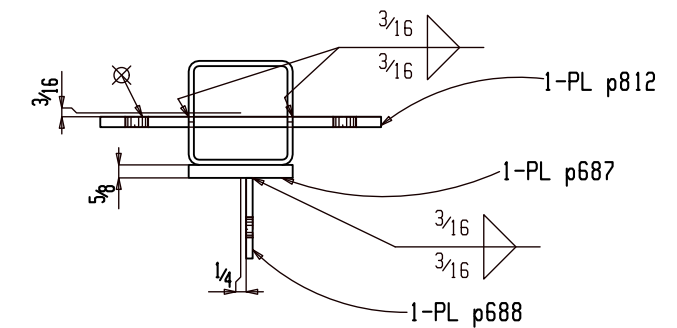
AT GRID:  
G & 1

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C271		COLUMN				233	233
1		02C271	HSS5x5x1/4	A500C	S1E	12-9	199	199
1		p688	PL 5/16x3 7/8	A36		1-0	4	4
1		p687	PL 5/8x5	A36		1-0	11	11
1		cp2_2	PL 1/4x5	A36		5	2	2
1		p812	PL 1/2x9	A36		1-1 1/2	17	17



Section A-A

02C271

FOR APPROVAL

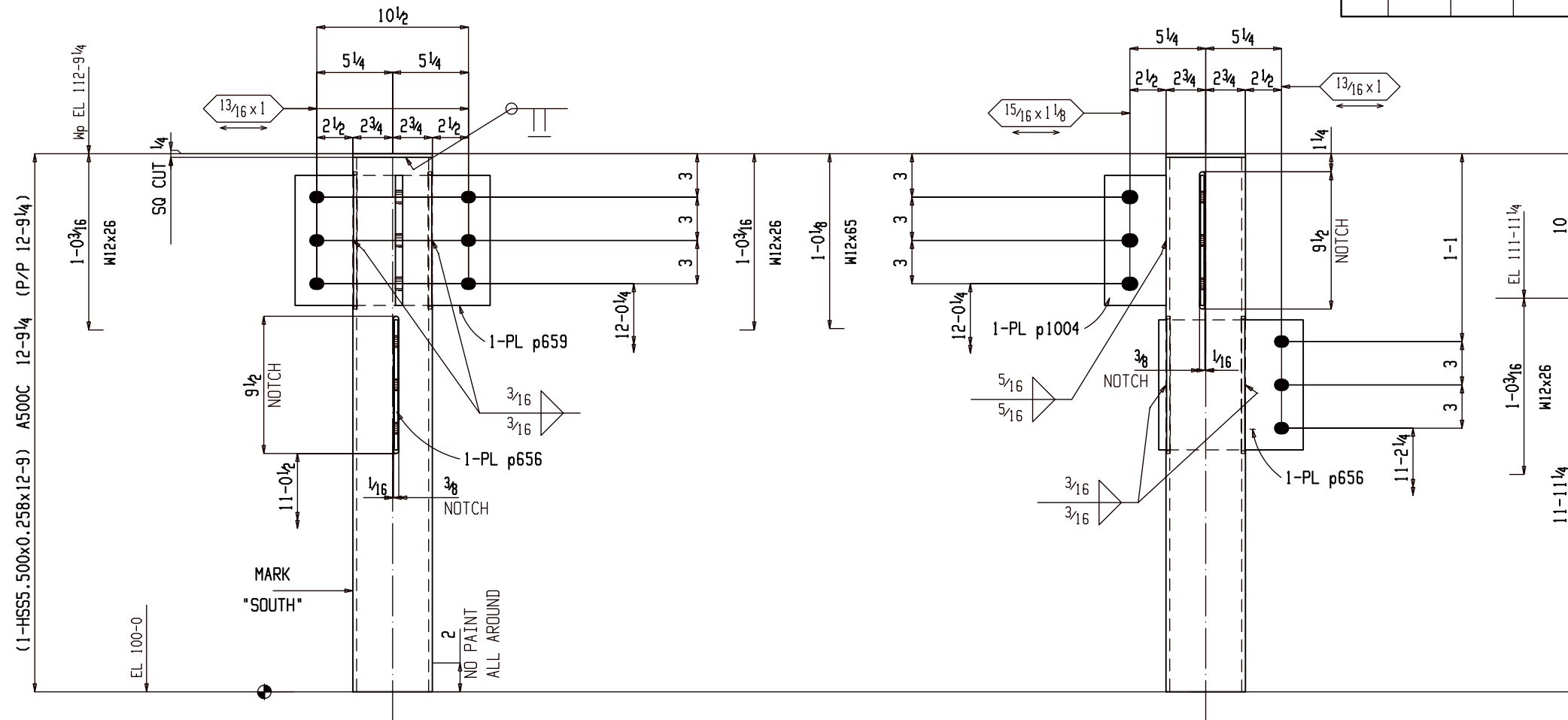
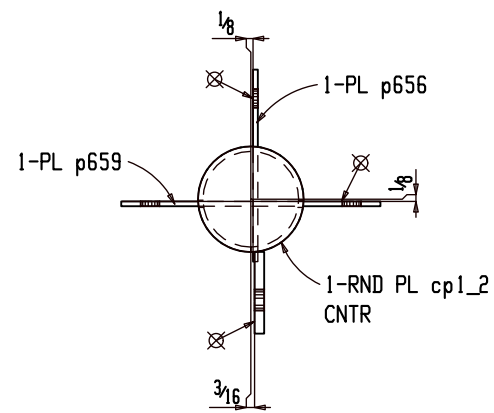
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
				02C271	





ONE COLUMN 02C273

AT GRID:  
B & 2

(E REFER: E203)

PRIME WITH RODDA P-80 QUICK  
DRYING METAL PRIMER- 1753 GRAY

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C273		COLUMN				206	206
1		02C273	HSS5.500x0.258	A500C	S1E	12-9	184	184
1		p659	PL 1/4x9	A36		1-1 1/2	9	9
1		p656	PL 1/4x9	A36		10	6	6
1		cp1_2	PL 1/4x5 1/2	A36			2	2
1		p1004	PL 1/2x4 1/4	A36		9	5	5

FOR APPROVAL

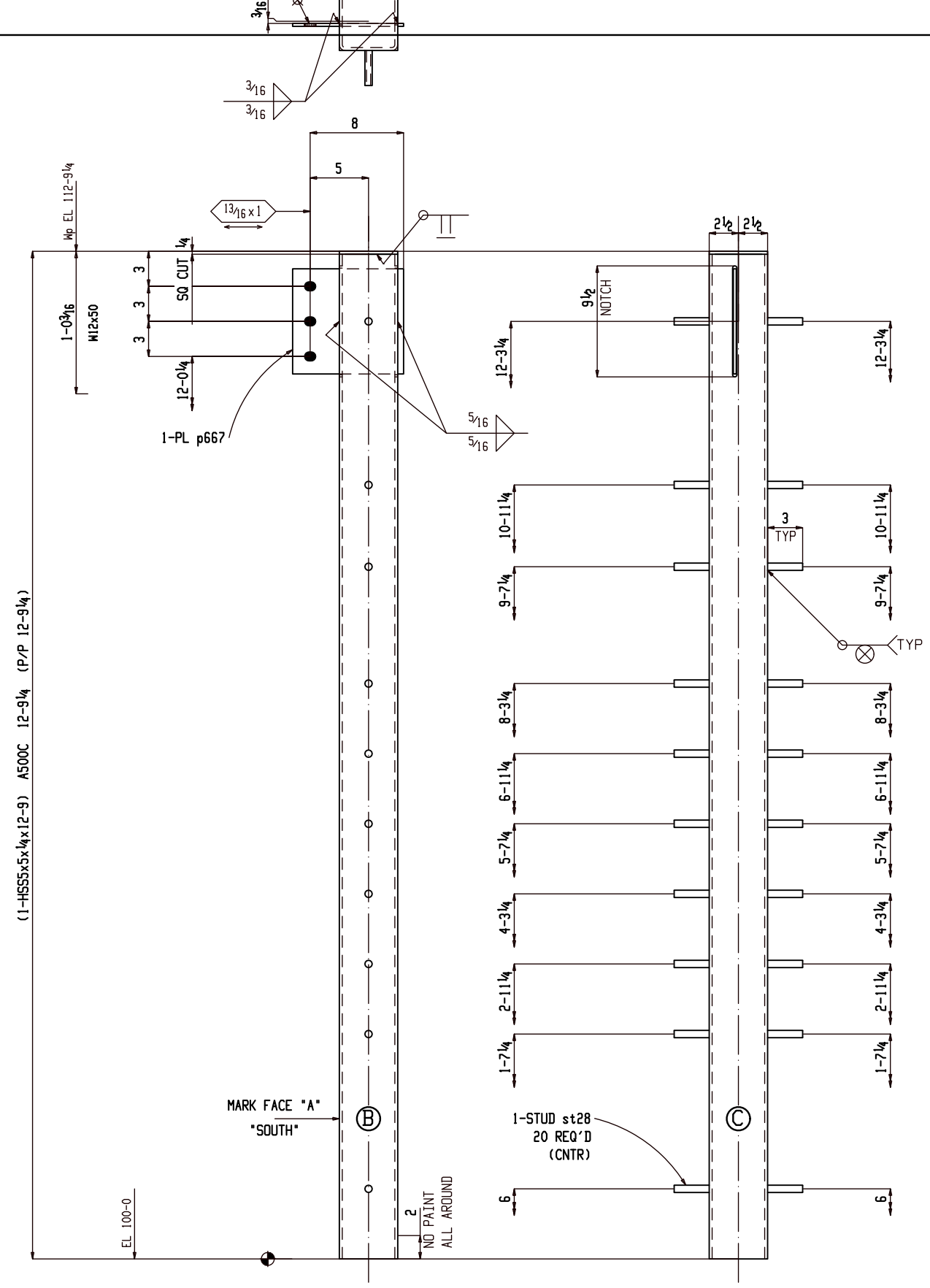
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
				02C273	





(1 - HSS5x5x1/4x12-9) A500C 12-9 1/4 (P/P 12-9 1/4)

**ONE COLUMN 02C274**

AT GRID: E & 3 (E REFER: E203)

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C274		COLUMN				212	212
1		02C274	HSS5x5x1/4	A500C	S1E	12-9	199	199
20		st28	TWS5/8	A108		3	0	5
1		p667	PL 1/4x9	A36		9 1/2	6	6
1		cp2 2	PL 1/4x5	A36		5	2	2

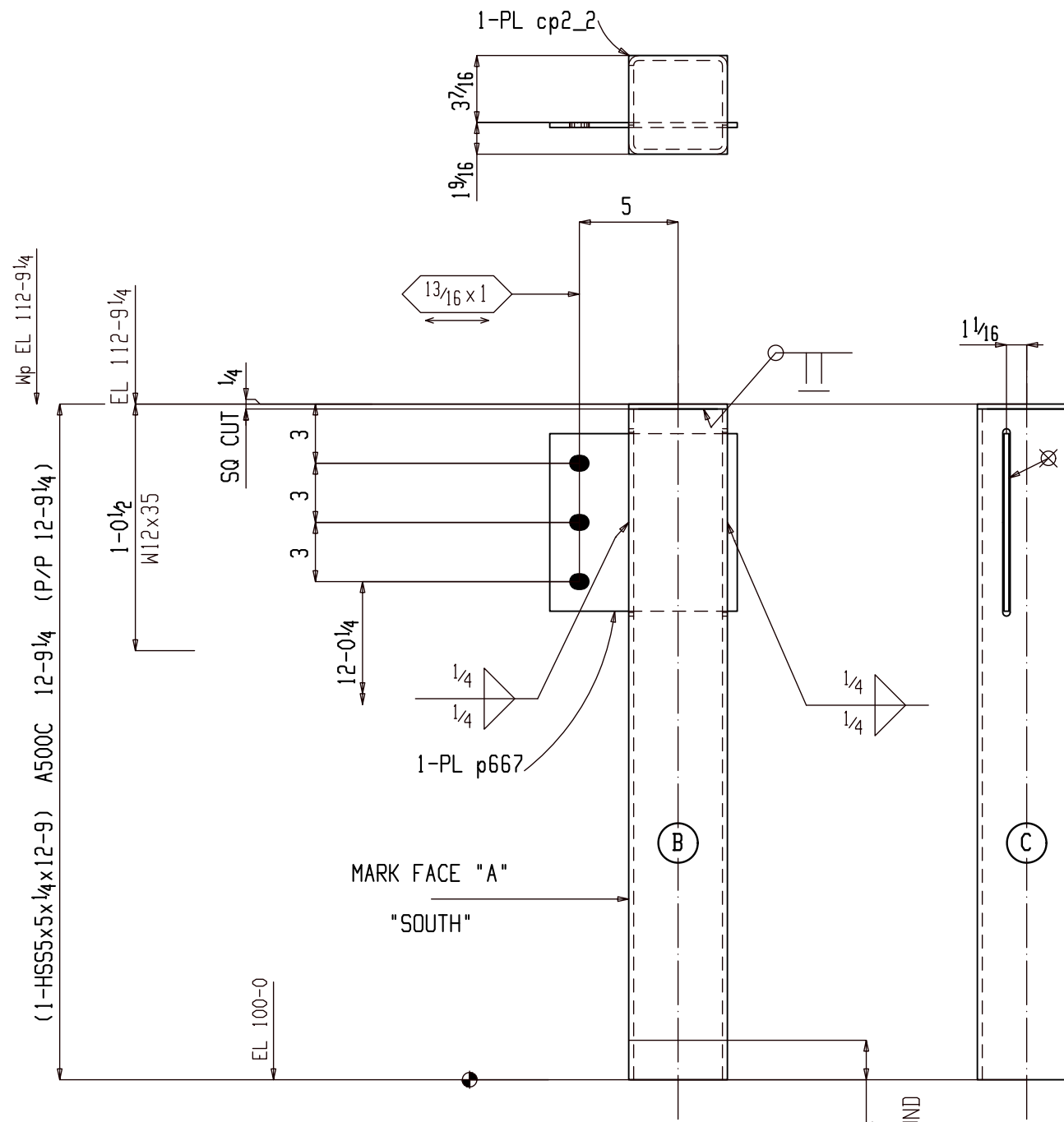
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210	
ALN	04-04-22	GREAT FALLS, MONTANA		
				02C274



ONE COLUMN 02C275

AT GRID: (E REFER: E203)  
M & 3

PRIME WITH RODDA P-80 QUICK DRYING METAL PRIMER- 1753 GRAY

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02C275		COLUMN				207	207
1		02C275	HSS5x5x1/4	A500C	S1E	12-9	199	199
1		p667	PL 1/4x9	A36		9 1/2	6	6
1		cp 2	PL 1/4x5	A36		5	2	2

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

PROJECT NO 2210

JOB NAME MILWAUKEE STATION APARTMENTS

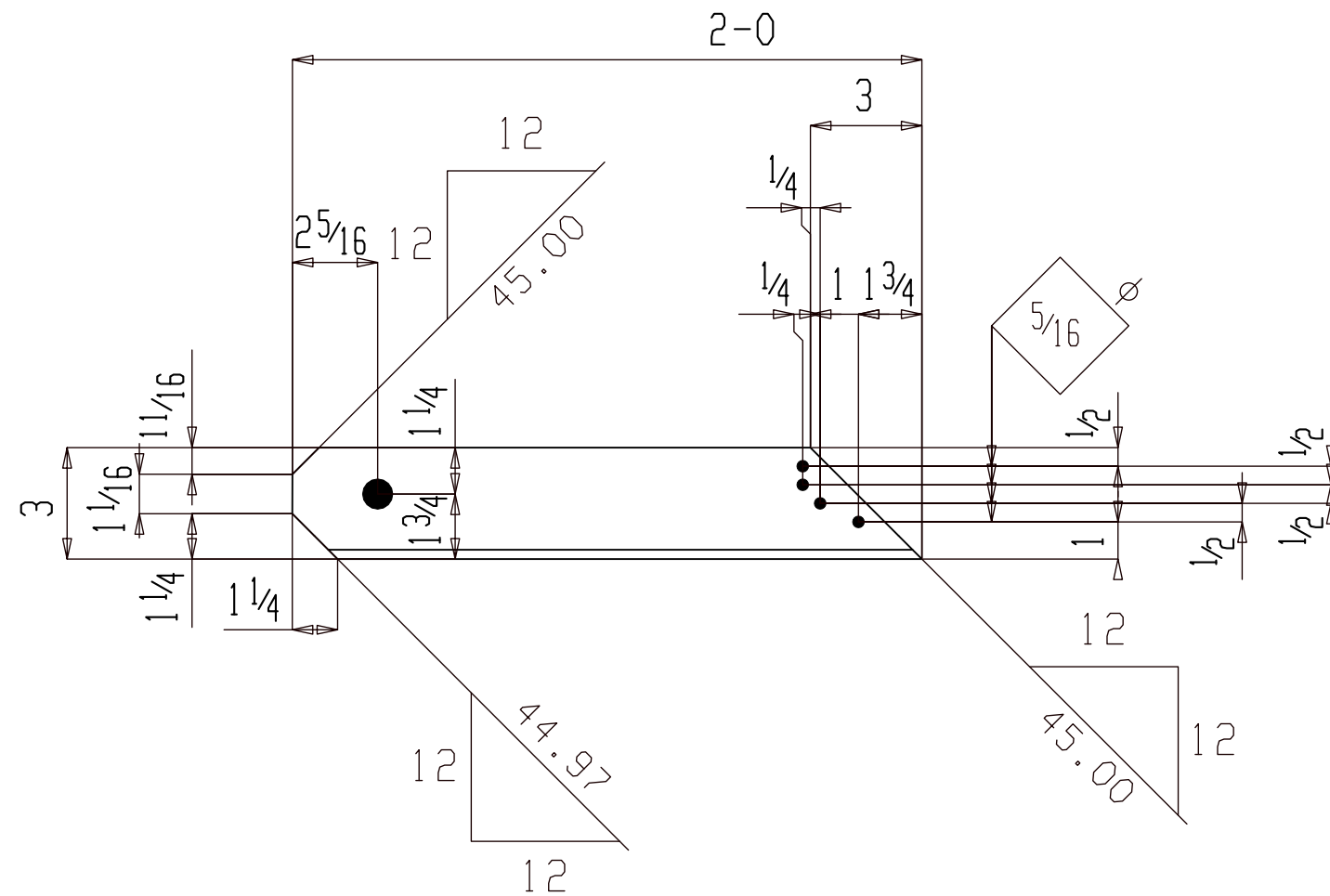
JOB LOCATION GREAT FALLS, MONTANA

DATE 04-04-22

CHECKER ALN

APPROVED 04-04-22

DWG NO 02C275



4 ANGLES 02M201

(E REFER: E204)  
(S REFER : 16/S6.2)

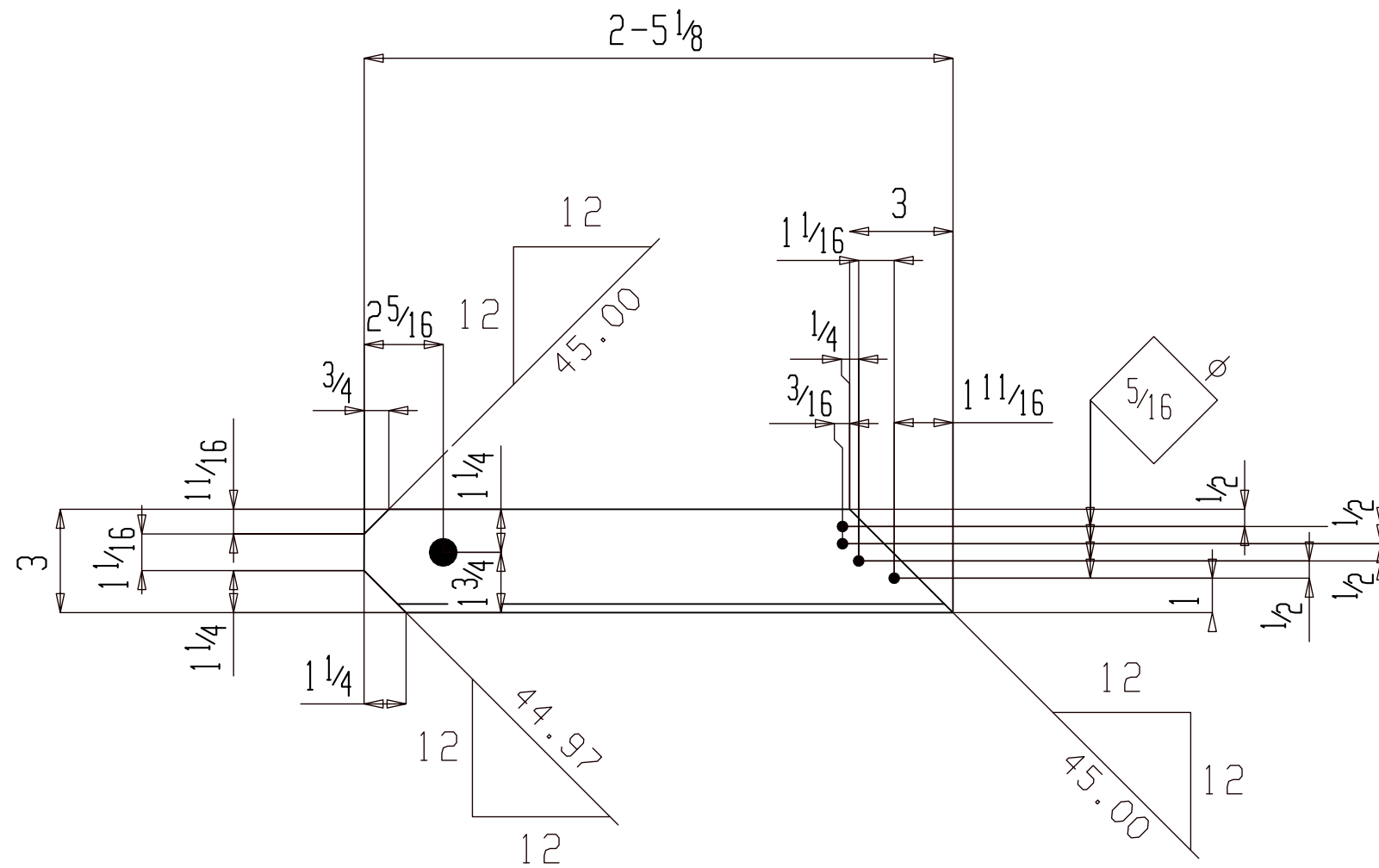
1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	02M201		ANGLE				10	39
4		02M201	L3x3x1/4	A36		1-11 <sup>15</sup> / <sub>16</sub>	10	39
FIELD BOLTS								
4			3/4 Dia A325N		+1HD	1 <sup>3</sup> / <sub>4</sub>		
					WASH			

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

		GENERAL ARRANGEMENT		PROJECT NO 2210	REV △
DETAILER AKM DATE 04-04-22	CHECKER ALN DATE 04-04-22	JOB NAME MILWAUKEE STATION APARTMENTS	JOB LOCATION GREAT FALLS, MONTANA	DWG NO 02M201	DATE 05-06-22



11 ANGLES 02M202

(E REFER: E204)  
(S REFER : 16/S6.2)

1SC PRIMER

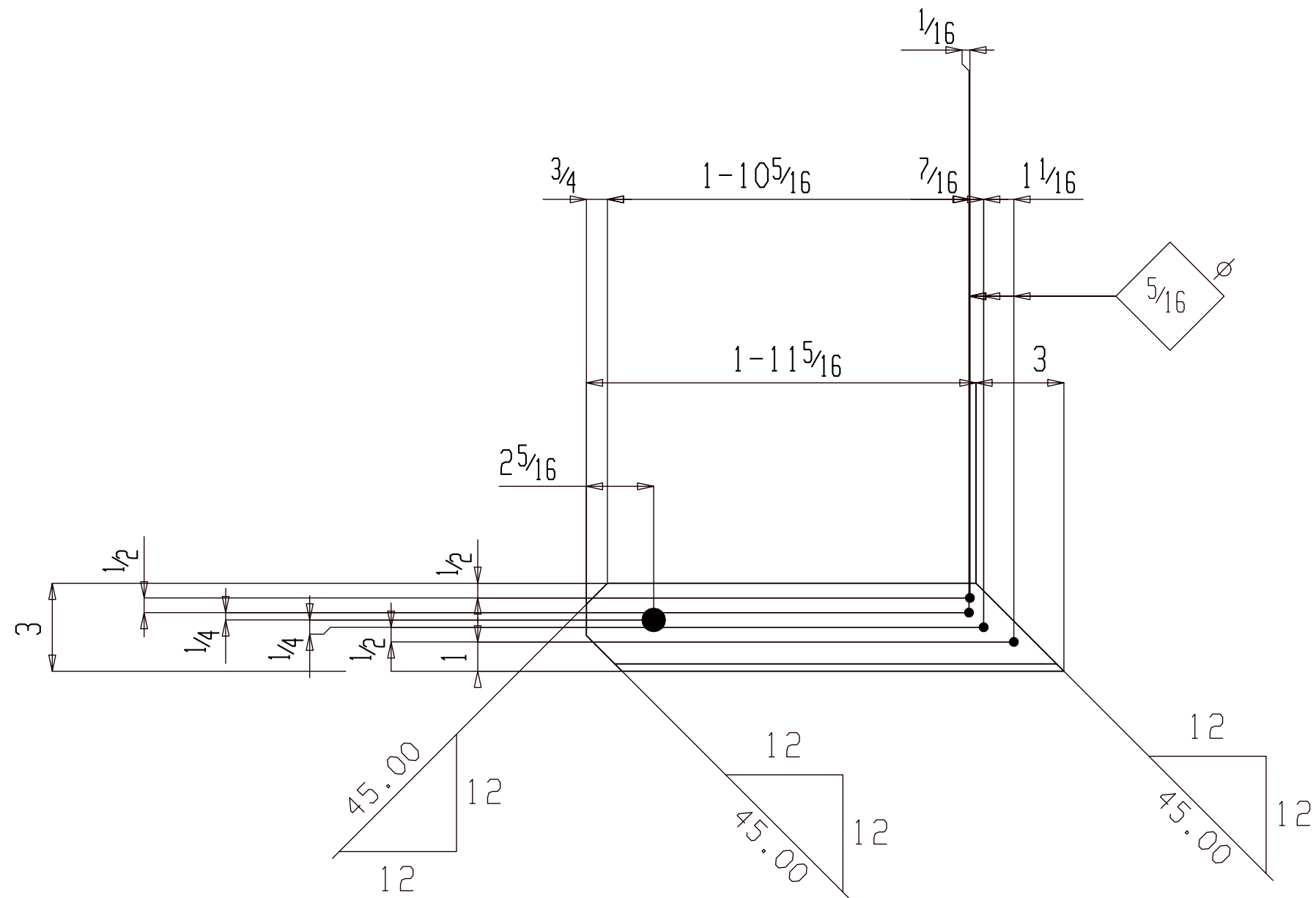
### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
11	02M202		ANGLE				12	131
11		02M202	L3x3x1/4	A36		2-5 1/8	12	131
			FIELD BOLTS					
11			3/4 Dia A325N		+1HD	1 3/4		
					WASH			

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

		PROJECT NO 2210	
GENERAL ARRANGEMENT		JOB NAME MILWAUKEE STATION APARTMENTS	
DETAILER AKM DATE 04-04-22	CHECKER ALN DATE 04-04-22	JOB LOCATION GREAT FALLS, MONTANA	JOB NO 02M202



15 MISCS 02M203

(E REFER: E204)  
(S REFER : 16/S6.2)

1SC PRIMER

BILL OF MATERIAL

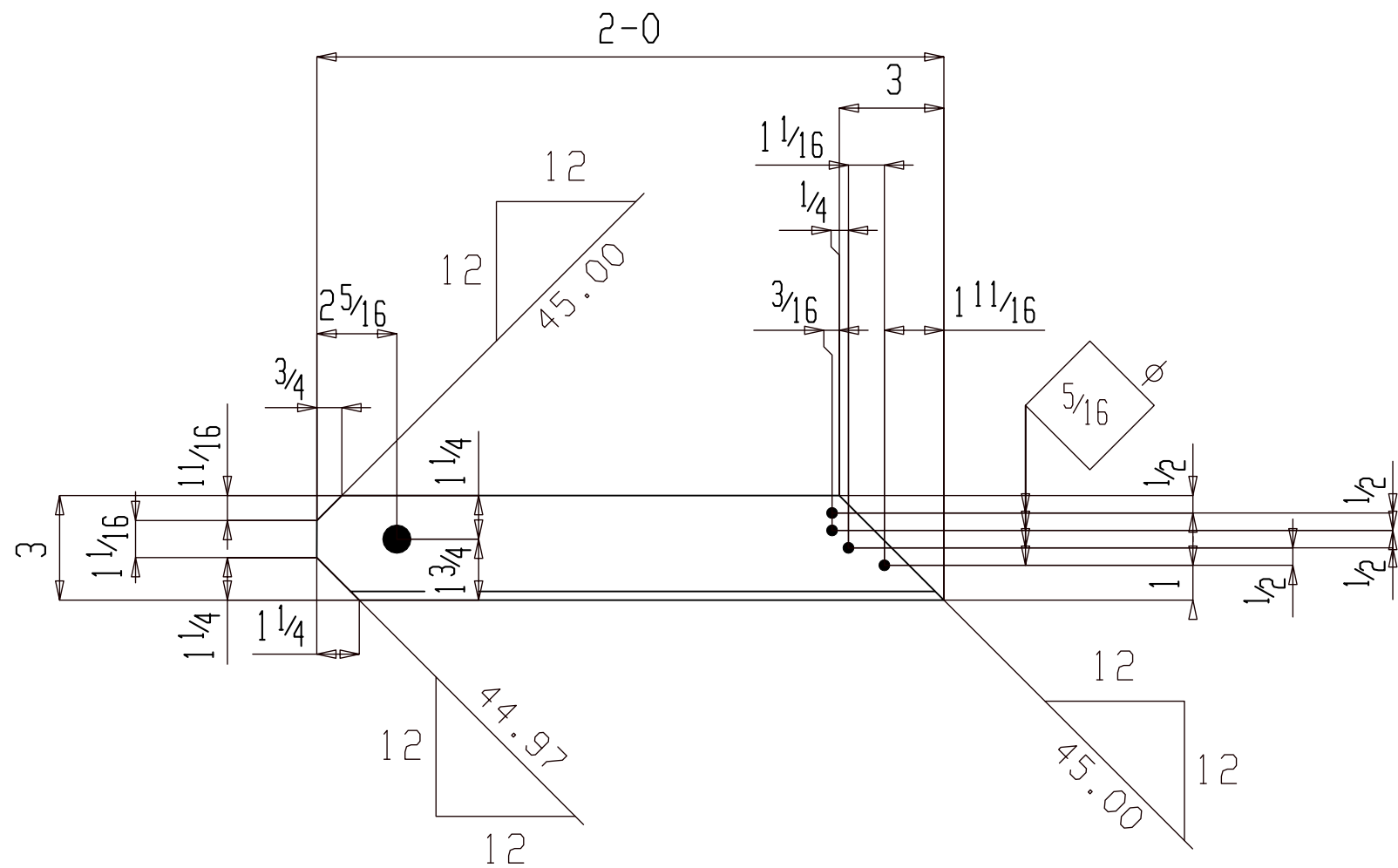
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
15	02M203		MISC				11	161
15		02M203	L3x3x1/4	A36		2-25/16	11	161
			FIELD BOLTS					
15			3/4 Dia A325N		+1HD WASH	13/4		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT				DWG NO	
				02M203	



5 ANGLES 02M204

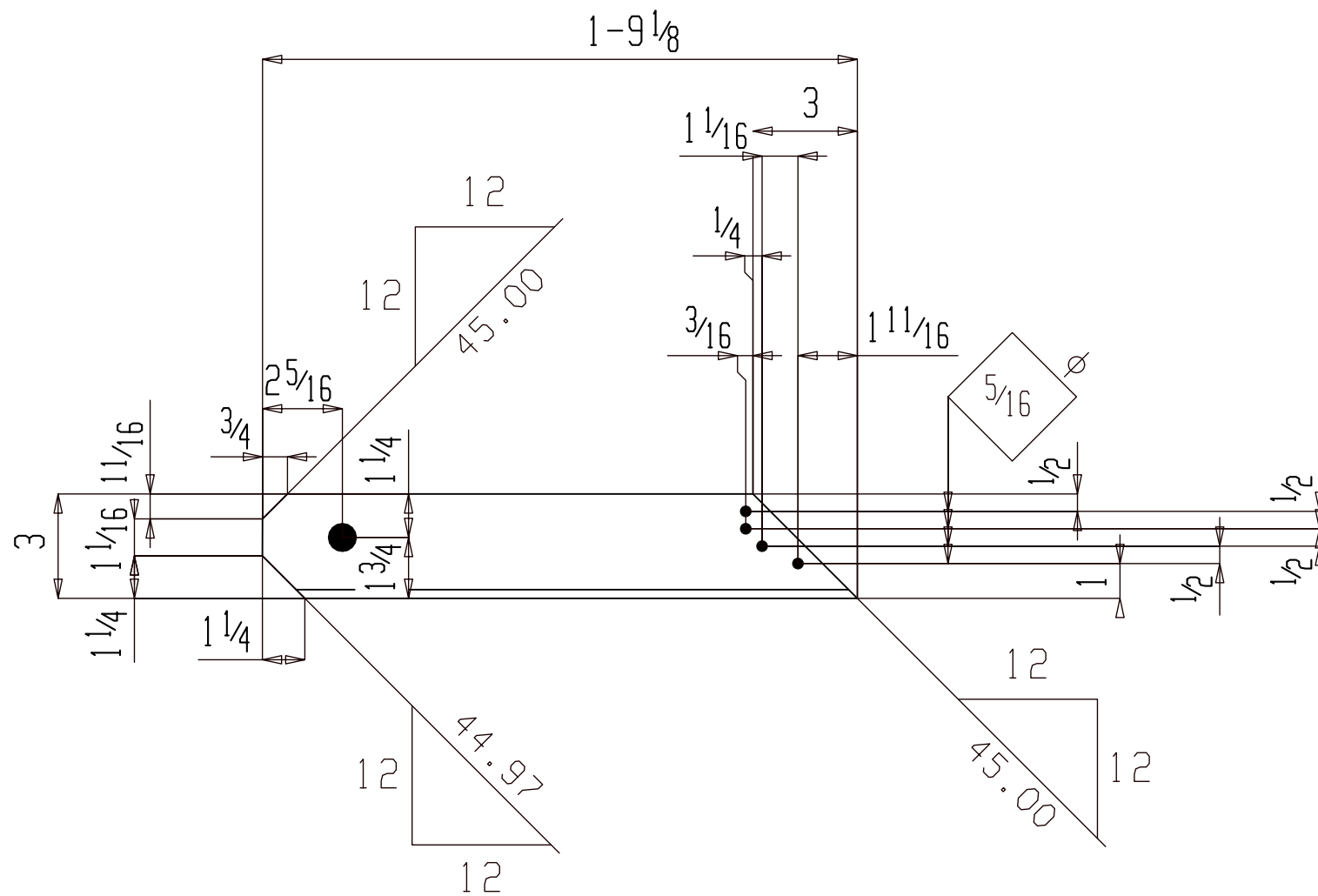
(E REFER: E204)  
(S REFER : 16/S6.2)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
5	02M204		ANGLE				10	49
5		02M204	L3x3x1/4	A36		2-0	10	49
			FIELD BOLTS					
5			3/4 Dia A325N		+1HD WASH		13/4	

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22			PROJECT NO: 2210 JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA DWG NO: 02M204



12 ANGLES 02M205

(E REFER: E204)  
(S REFER : 16/S6.2)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
12	02M205		ANGLE				9	103
12		02M205	L3x3x1/4	A36		1-9 1/8	9	103
			FIELD BOLTS					
12			3/4 Dia A325N		+1HD	13/4		
					WASH			

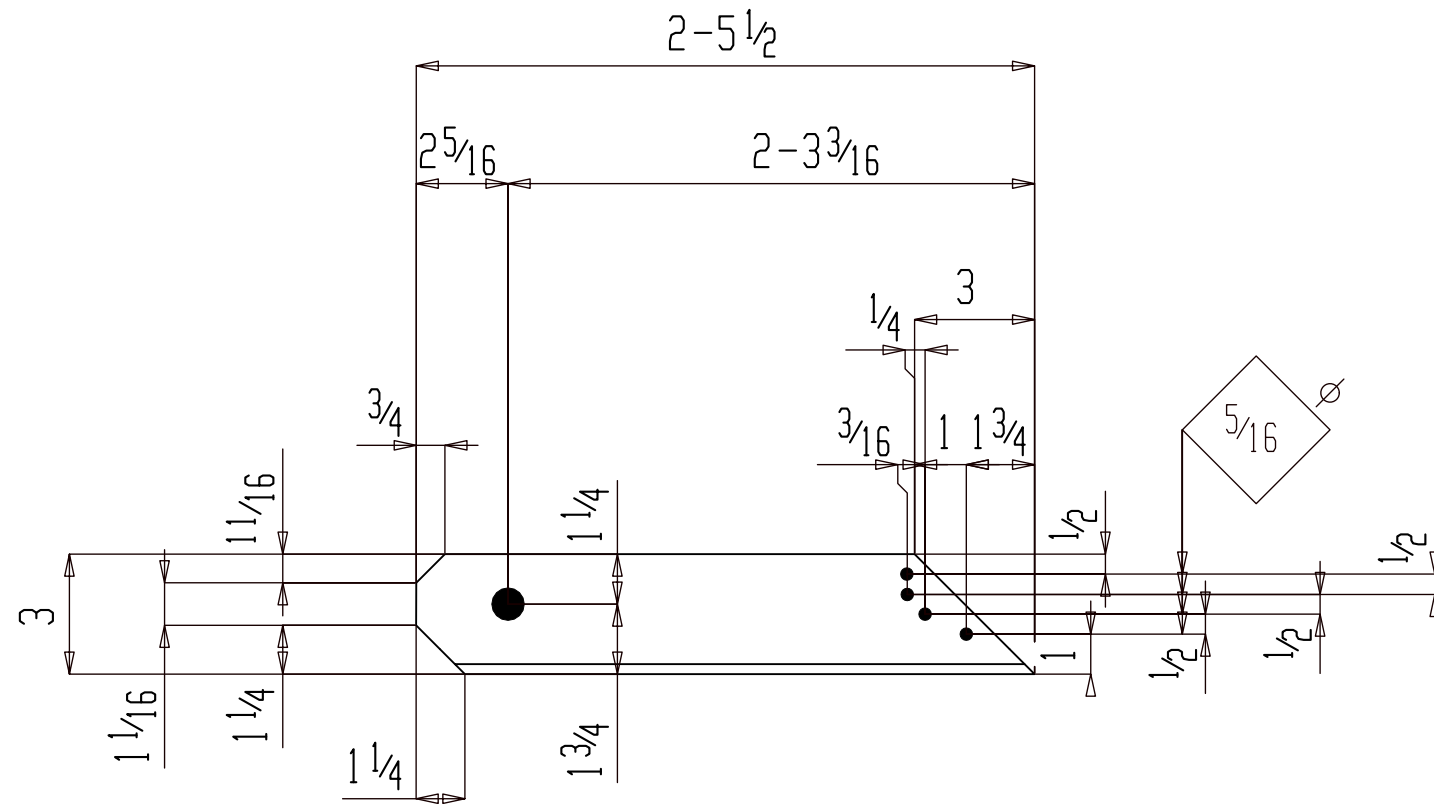
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DETAILER	AKM	JOB NAME	2210	
DATE	04-04-22	MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		
APPROVED	04-04-22	GREAT FALLS, MONTANA		
			DWG NO	
			02M205	



11 ANGLES 02M206

(E REFER: E204)  
(S REFER : 16/S6.2)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
11	02M206		ANGLE				12	132
11		02M206	L3x3x1/4	A36		2-5 7/16	12	132
			FIELD BOLTS					
11			3/4 Dia A325N		+1HD WASH		13/4	

FOR APPROVAL

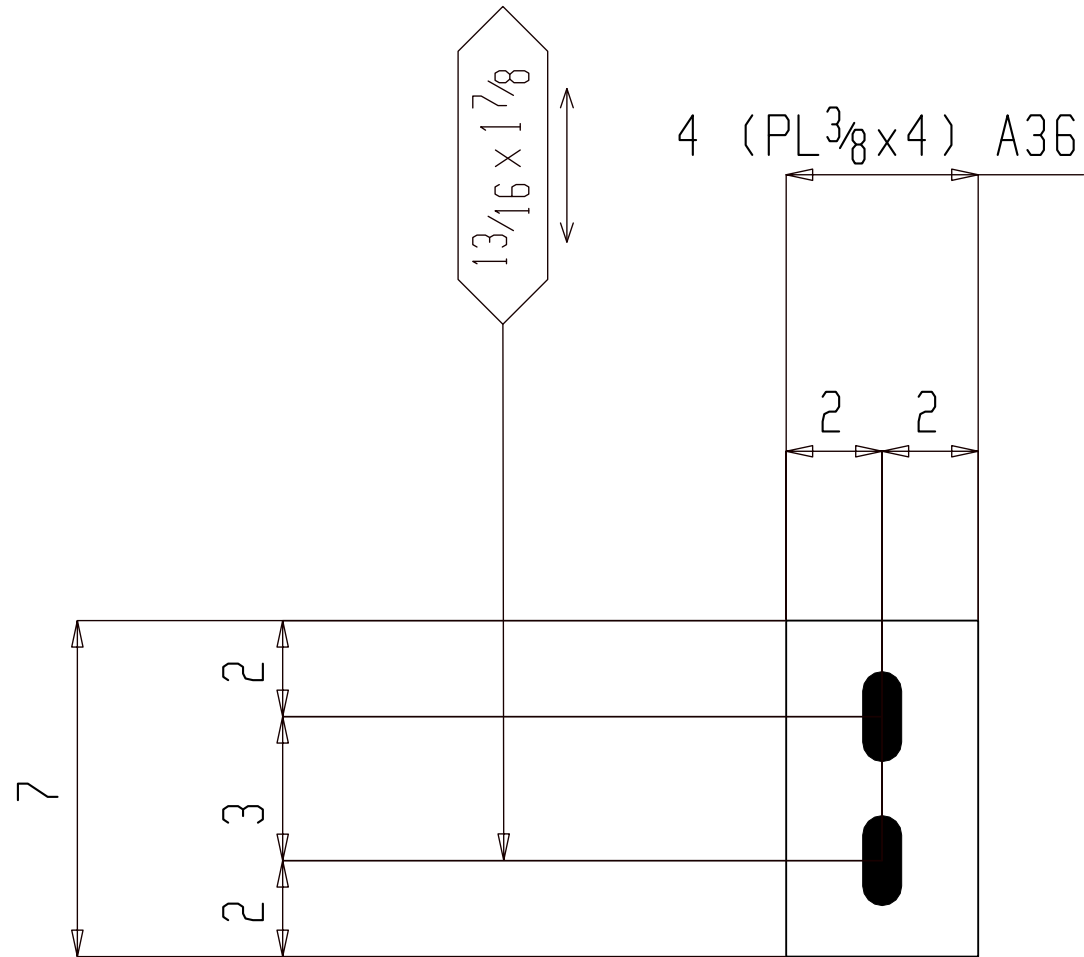
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			





12 PLATES 02M207

(E REFER: E201)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
12	02M207		PLATE				3	36
12		02M207	PL 3/8x4	A36		7	3	36

**FOR APPROVAL**

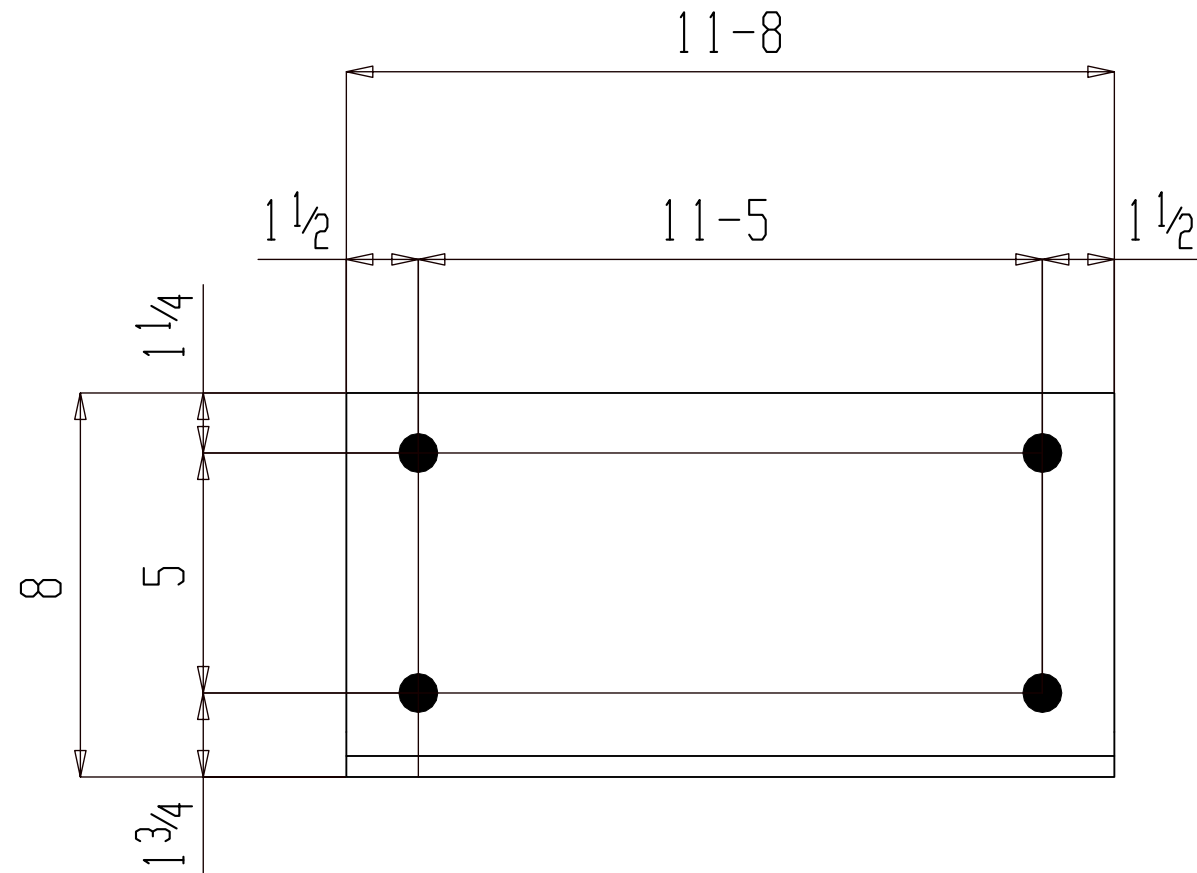
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02M207
CHECKER	ALN				
APPROVED	04-04-22				





ONE ANGLE 02M209

(E REFER: E204)  
(S REFER : 15/S6.3)

GALVANIZED

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02M209		ANGLE				236	236
1		02M209	L8x6x7/16	A36	GALV	11-8	236	236

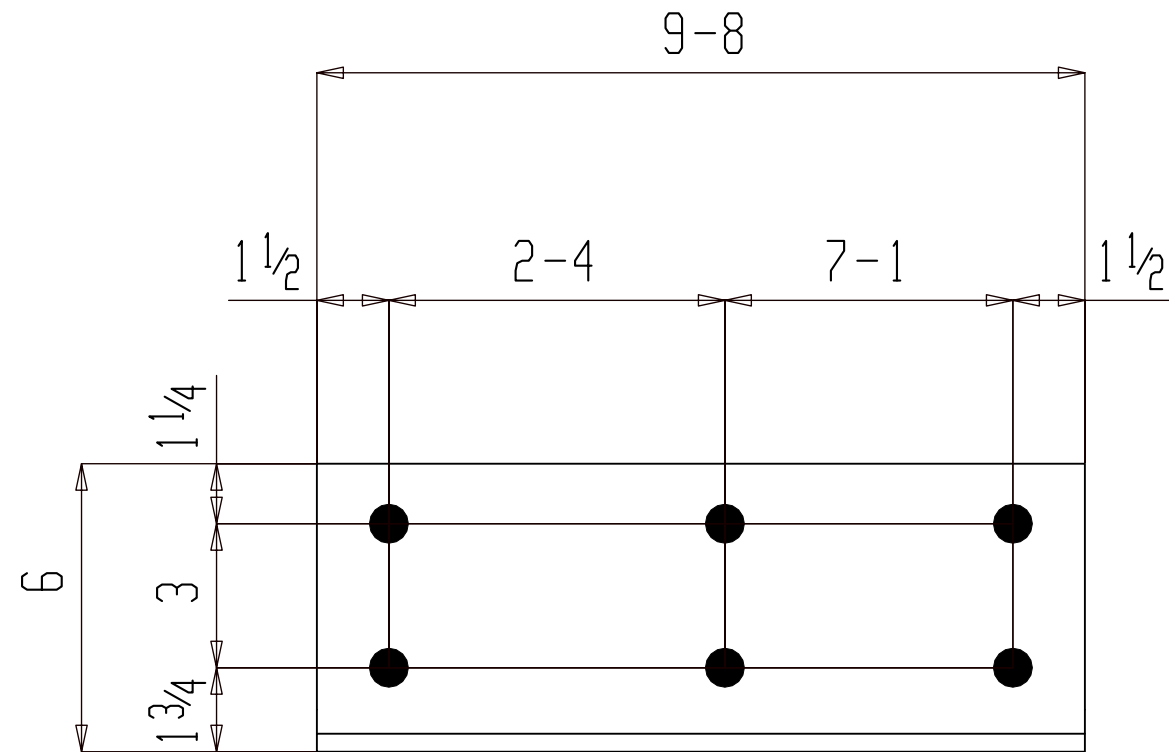
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02M209
CHECKER	ALN				
APPROVED	04-04-22				



ONE ANGLE 02M210

(E REFER: E204)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02M210		ANGLE				144	144
1		02M210	L6x6x3/8	A36	GALV	9-8	144	144

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

PROJECT NO 2210

JOB NAME MILWAUKEE STATION APARTMENTS

JOB LOCATION GREAT FALLS, MONTANA

DATE 04-04-22

CHECKER ALN

APPROVED 04-04-22

DETAILER AKM

DATE 04-04-22

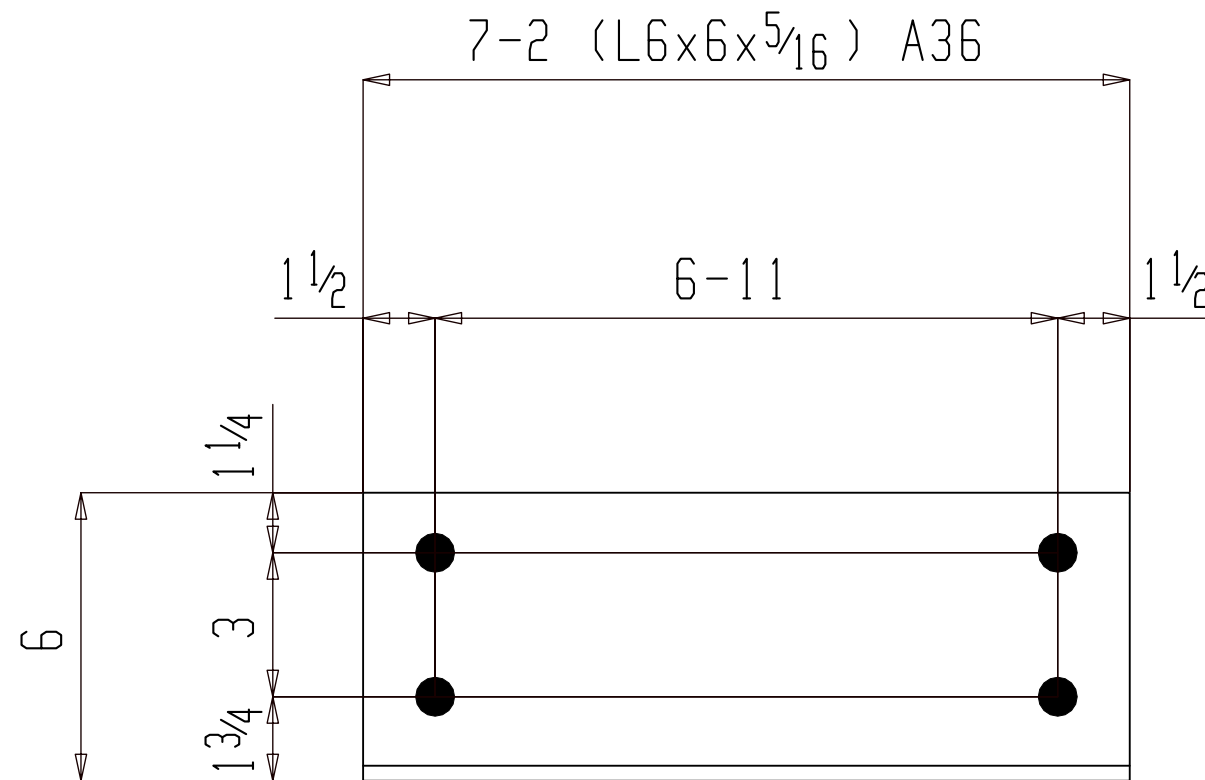
PROJECT NO 2210

REV

DATE 05-06-22

DESCRIPTION

DATE



4 ANGLES 02M211

(E REFER: E204)

1SC PRIMER

ONE QTY 02M214 & 02M215 DELETED  
AND CLUBED WITH 02M211

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	02M211		ANGLE				89	355
4		02M211	L6x6x5/16	A36		7-2	89	355

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

PROJECT NO 2210

JOB NAME MILWAUKEE STATION APARTMENTS

JOB LOCATION GREAT FALLS, MONTANA

DATE 04-04-22

CHECKER ALN

APPROVED 04-04-22

PROJECT NO 2210

REV 2


DWG NO 02M211

**BILL OF MATERIAL**

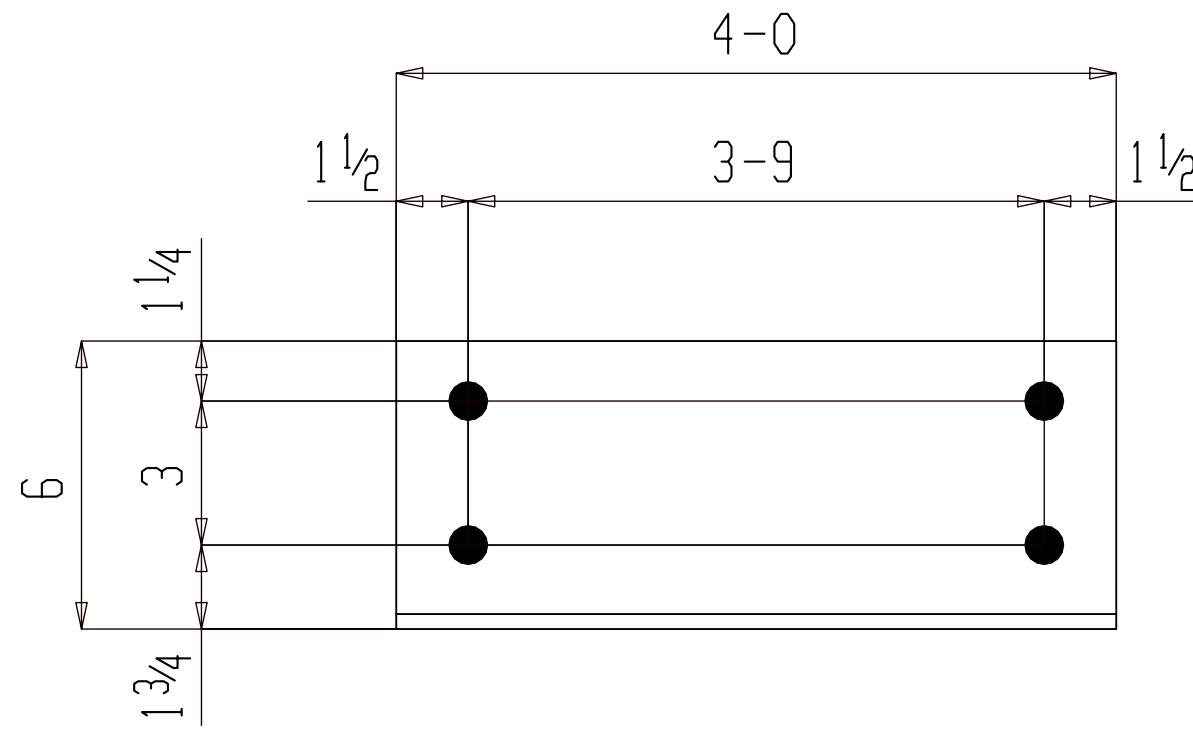
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	02M212		ANGLE				129	258
2		02M212	L6x6x3/8	A36	GALV	8-8	129	258

ONE QTY 02M212 DELETED

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE
			

DETAILER		AKM	JOB NAME		MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	△
DATE		04-04-22	JOB LOCATION		GREAT FALLS, MONTANA	DWG NO		02M212	
CHECKER		ALN							
APPROVED		04-04-22							



ONE ANGLE 02M213

(E REFER: E204)  
(S REFER : 15/S6.3)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02M213		ANGLE				50	50
1		02M213	L6x6x5/16	A36	GALV	4-0	50	50

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT		PROJECT NO	2210
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN	DWG NO	02M213
APPROVED	04-04-22		

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

ONE QTY 02M114 DELETED  
AND CLUBED WITH 02M211

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DATE



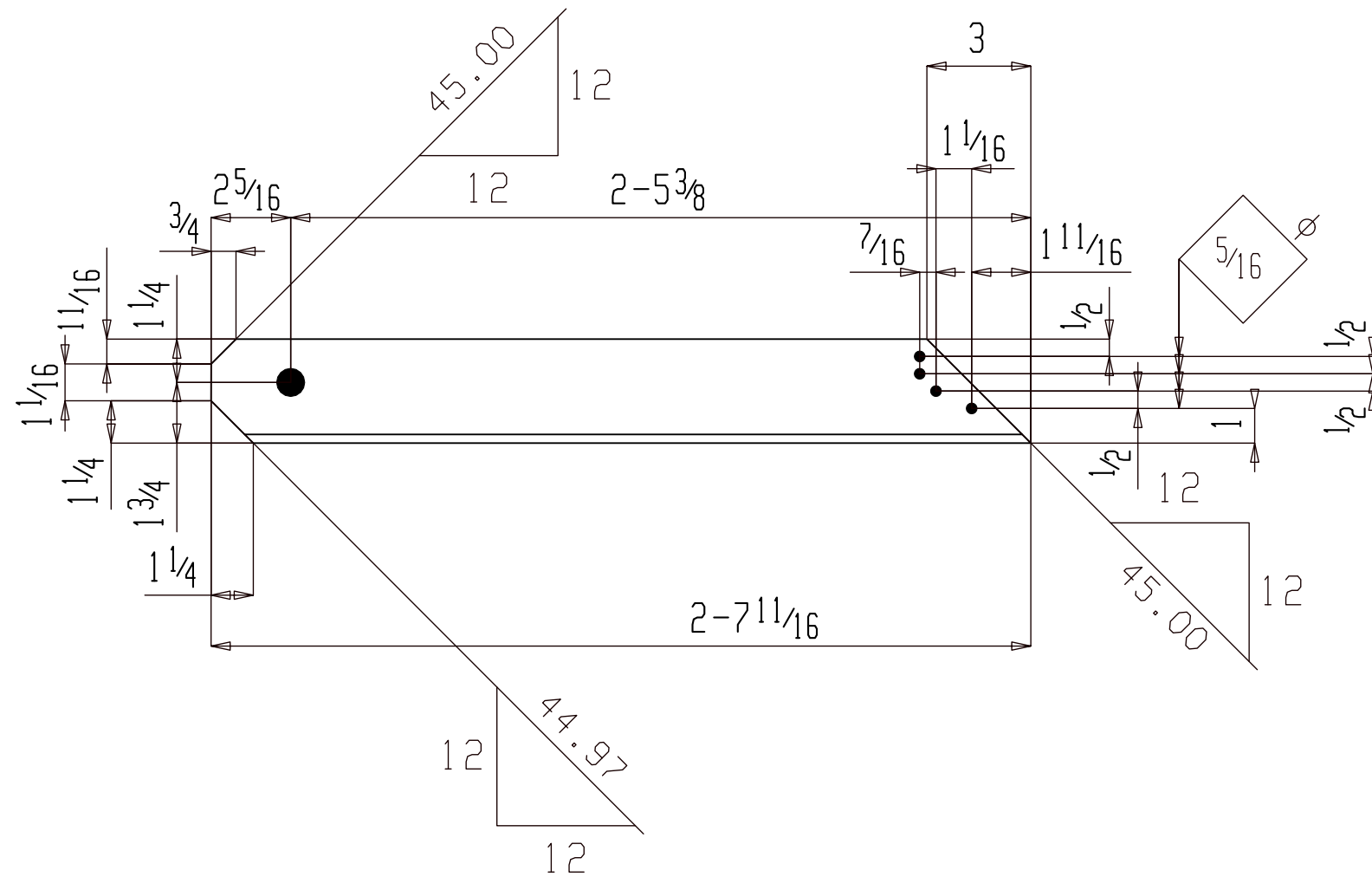
DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO	2210	REV	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA				DWG NO	
CHECKER		ALN								02M214	
APPROVED		04-04-22									











4 ANGLES 02M218

(E REFER: E204)  
(S REFER : 16/S6.2)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	02M218		ANGLE				13	52
4		02M218	L3x3x1/4	A36		2-7 11/16	13	52
			FIELD BOLTS					
4			3/4 Dia A325N		+1HD WASH		13/4	

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

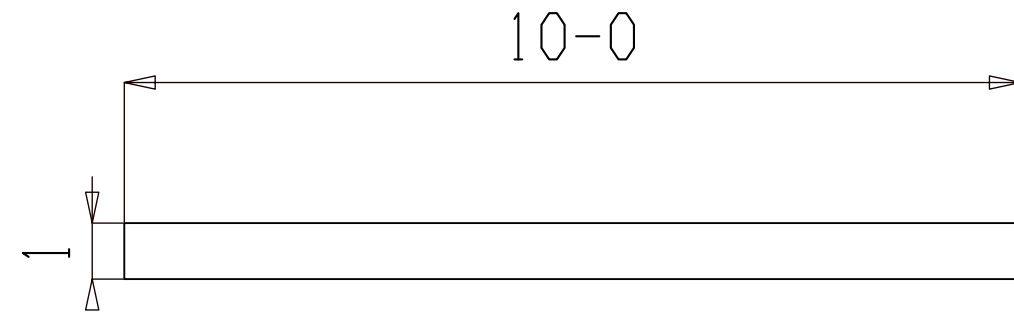
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

DETAILER: AKM 04-04-22  
 DATE: 04-04-22  
 CHECKER: ALN 04-04-22  
 APPROVED: 04-04-22

JOB NAME: MILWAUKEE STATION APARTMENTS  
 JOB LOCATION: GREAT FALLS, MONTANA

PROJECT NO: 2210  
 REV: 1  
 DATE: 05-06-22  
 DWG NO: 02M218






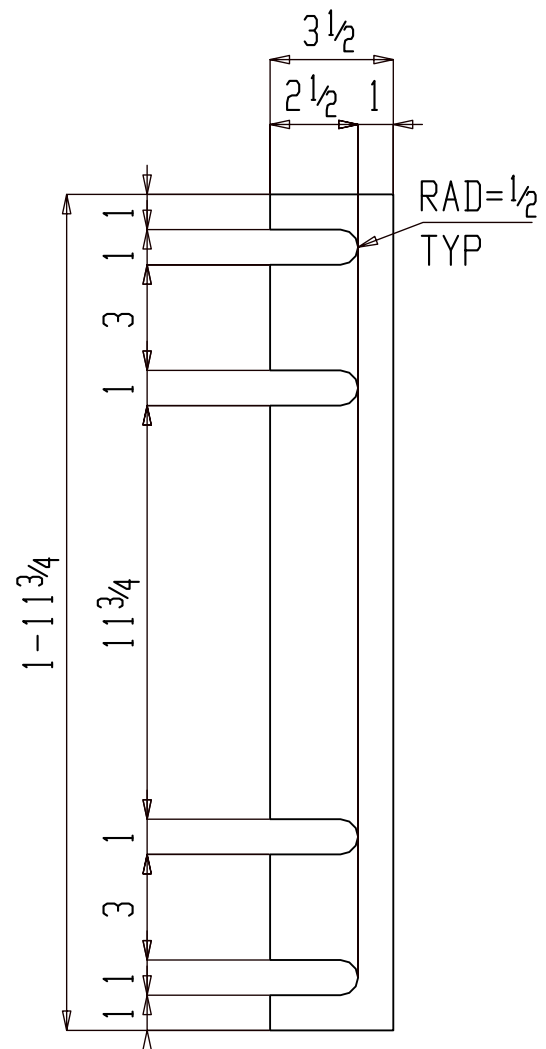
ONE BACKING BAR 02M220

(E REFER: E13)  
(S REFER : 3/S6.4)

NO PAINT

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02M220		BACKING BAR				9	9
1		02M220	PL 1/4x1	A36		10-0	9	9

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DATE
			
GENERAL ARRANGEMENT			PROJECT NO 2210
DATE	CHECKER	APPROVED	JOB NAME MILWAUKEE STATION APARTMENTS
04-04-22	ALN		JOB LOCATION GREAT FALLS, MONTANA
			DWG NO 02M220



4 SHIMS 02M221

(E REFER: E206)  
(S REFER : 17/S6.4)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	02M221		SHIM				3	12
4		02M221	PL 1/8x3 1/2	A36		1-11 3/4	3	12

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

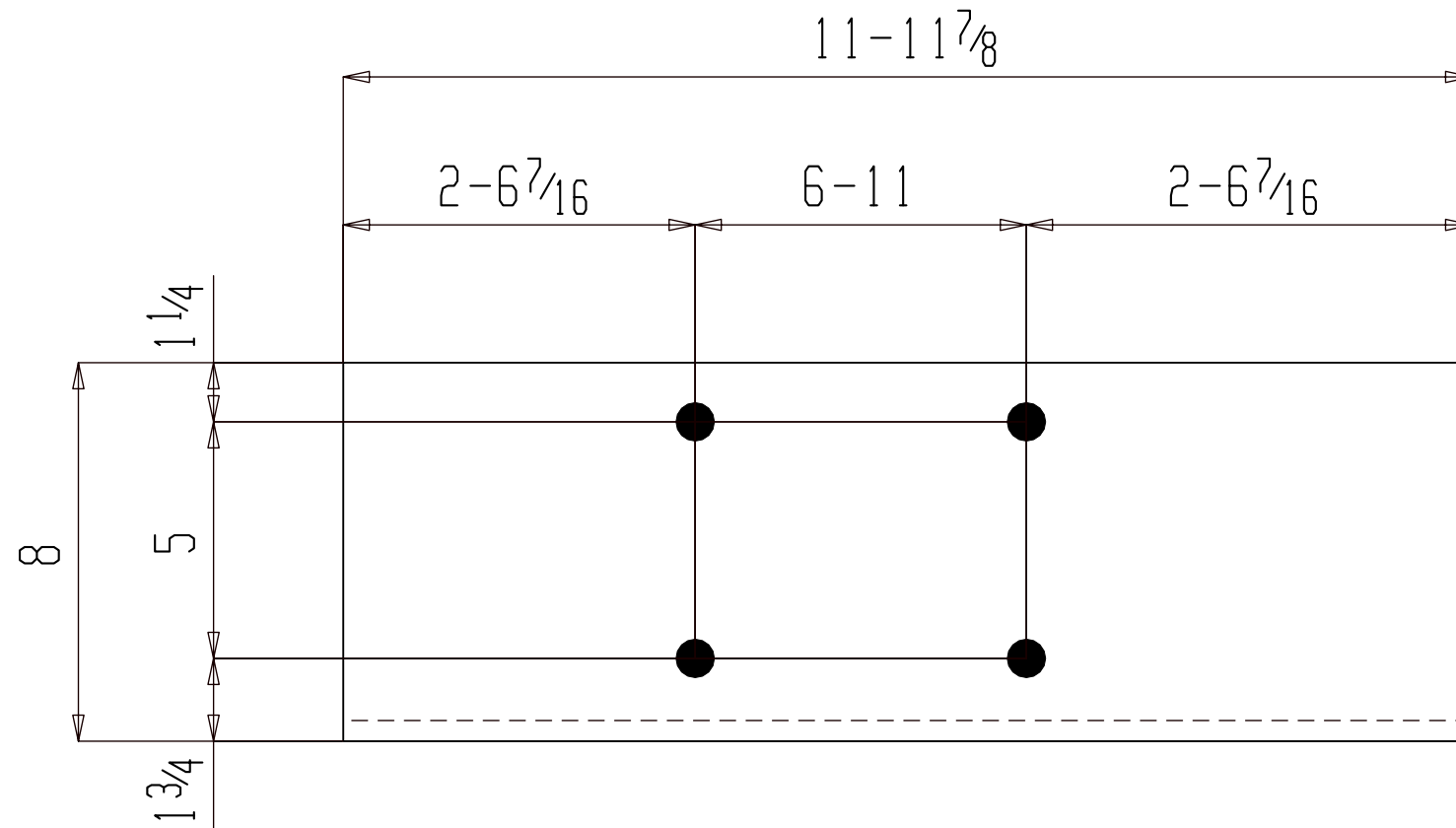


GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
DATE	04-04-22	CHECKER			
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				









ONE ANGLE 02M224

(E REFER: E204)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02M224		ANGLE				242	242
1		02M224	L8x6x7/16	A36		11-11 7/8	242	242

**FOR APPROVAL**

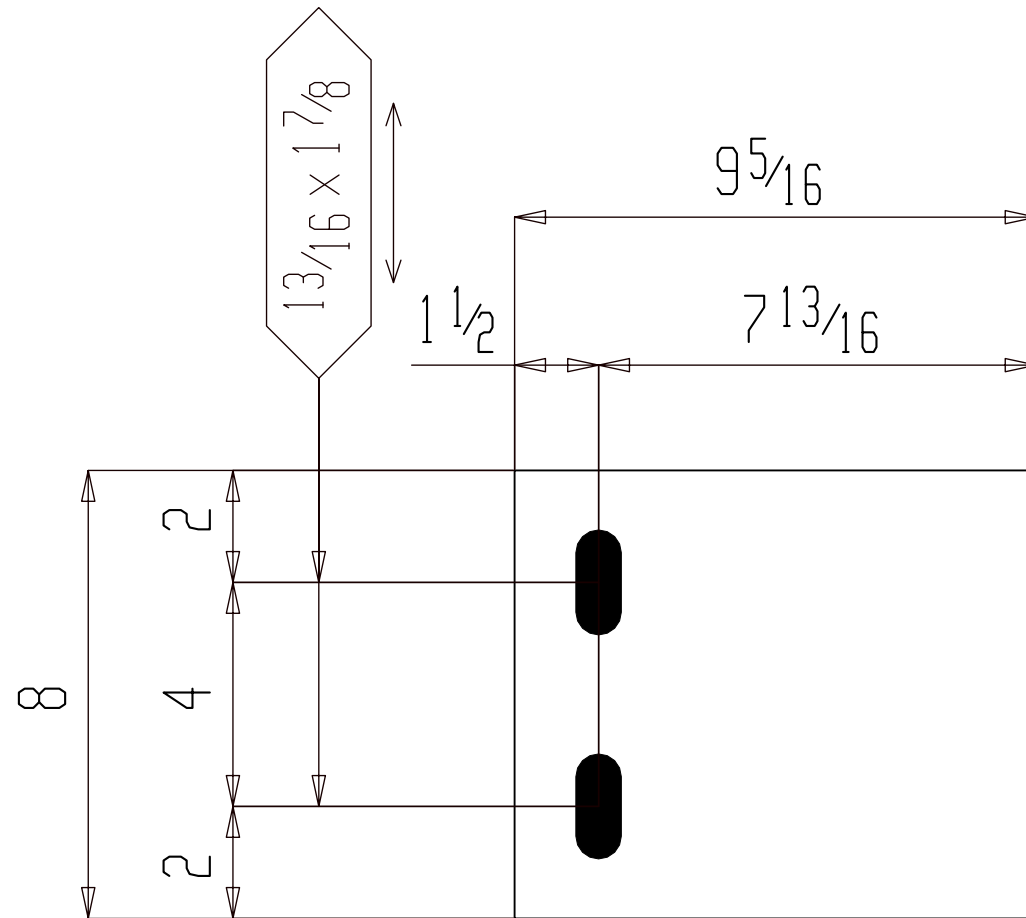
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN		
	REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT

DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22	JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA	PROJECT NO: 2210 REV: 2210 DWG NO: 02M224
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ONE PLATE 02M226

(E REFER: E204)

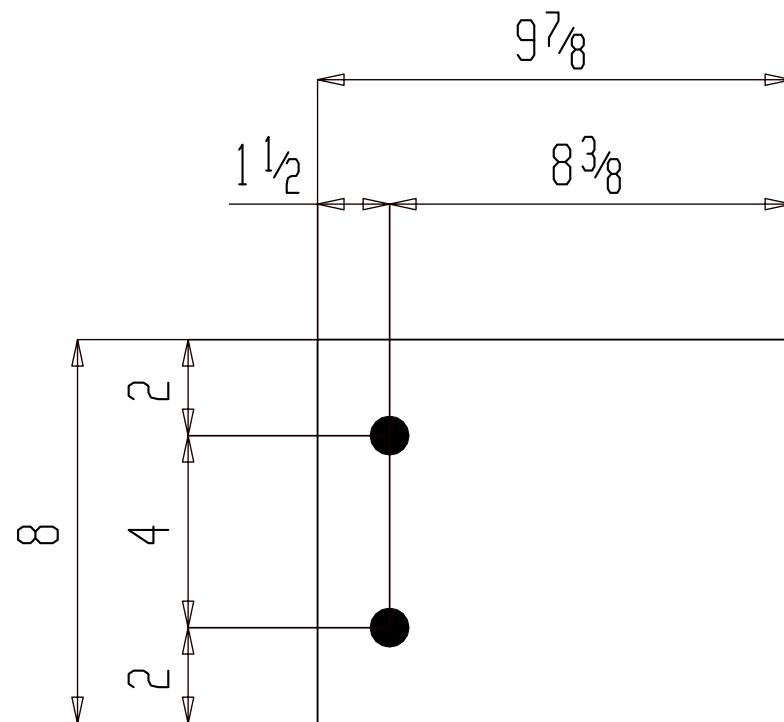
15C PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02M226		PLATE				8	8
1		02M226	PL <sup>3/8</sup> x8	A36		95/16	8	8

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	REV	DESCRIPTION DATE
		GENERAL ARRANGEMENT	
		PROJECT NO 2210	REV
DETAILER AKM DATE 04-04-22 CHECKER ALN APPROVED 04-04-22	JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA	PROJECT NO 2210 REV DWG NO 02M226	





2 PLATES 02M228

(E REFER: E204)

15C PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	02M228		PLATE				8	17
2		02M228	PL $3\frac{3}{8}$ x8	A36		$9\frac{7}{8}$	8	17

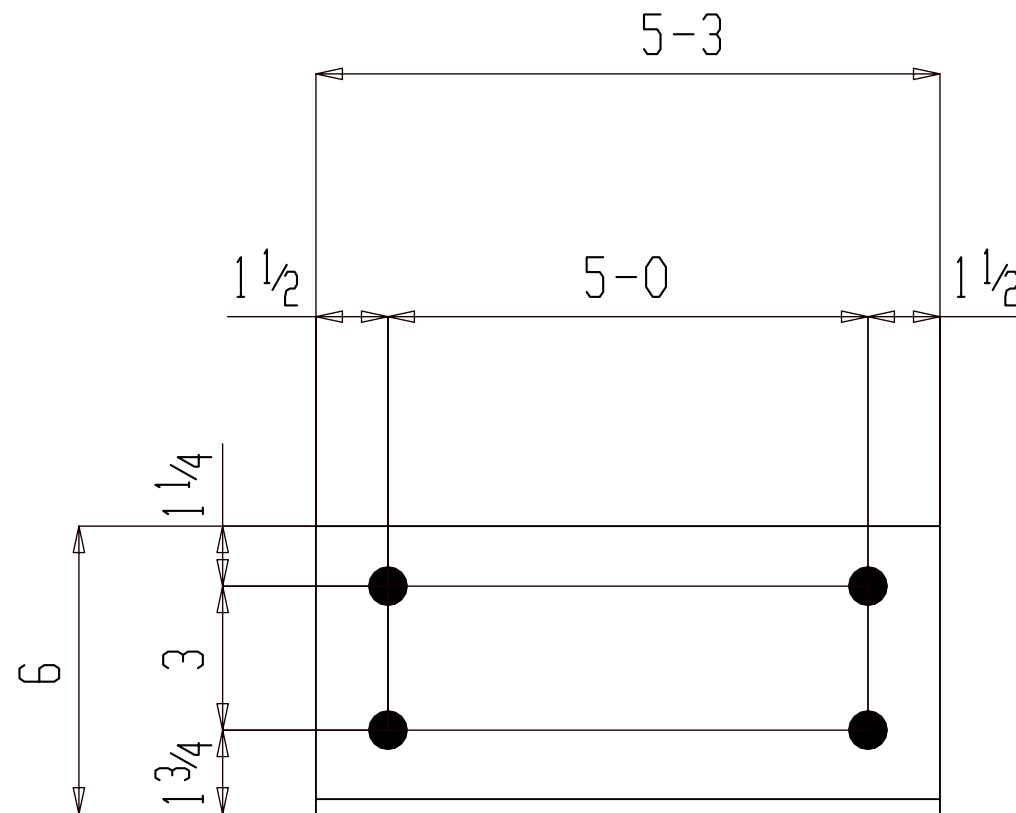
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	$1\frac{3}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02M228
CHECKER	ALN				
APPROVED	04-04-22				



ONE ANGLE 02M229

(E REFER: E204)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02M229		ANGLE				65	65
1		02M229	L6x6x5/16	A36		5-3	65	65

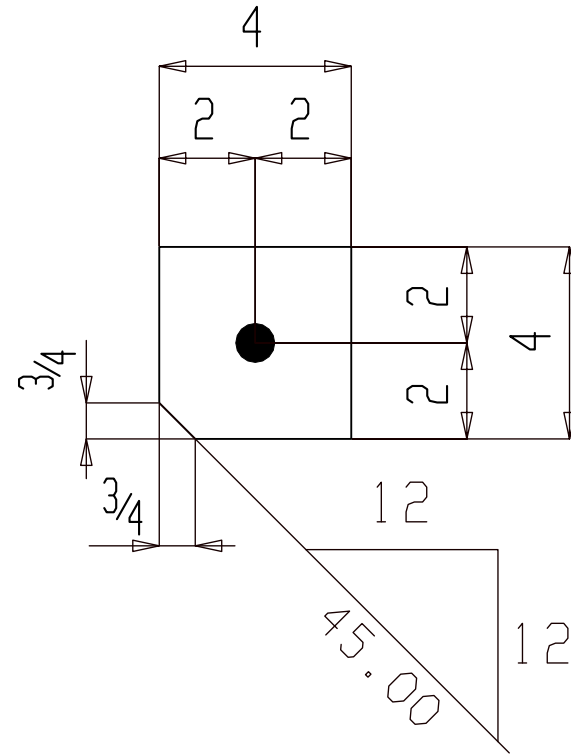
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02M229
CHECKER	ALN				
APPROVED	04-04-22				



ONE PLATE 02M230

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02M230		PLATE				1	1
1		02M230	PL 1/4x4	A36		4	1	1

**FOR APPROVAL**

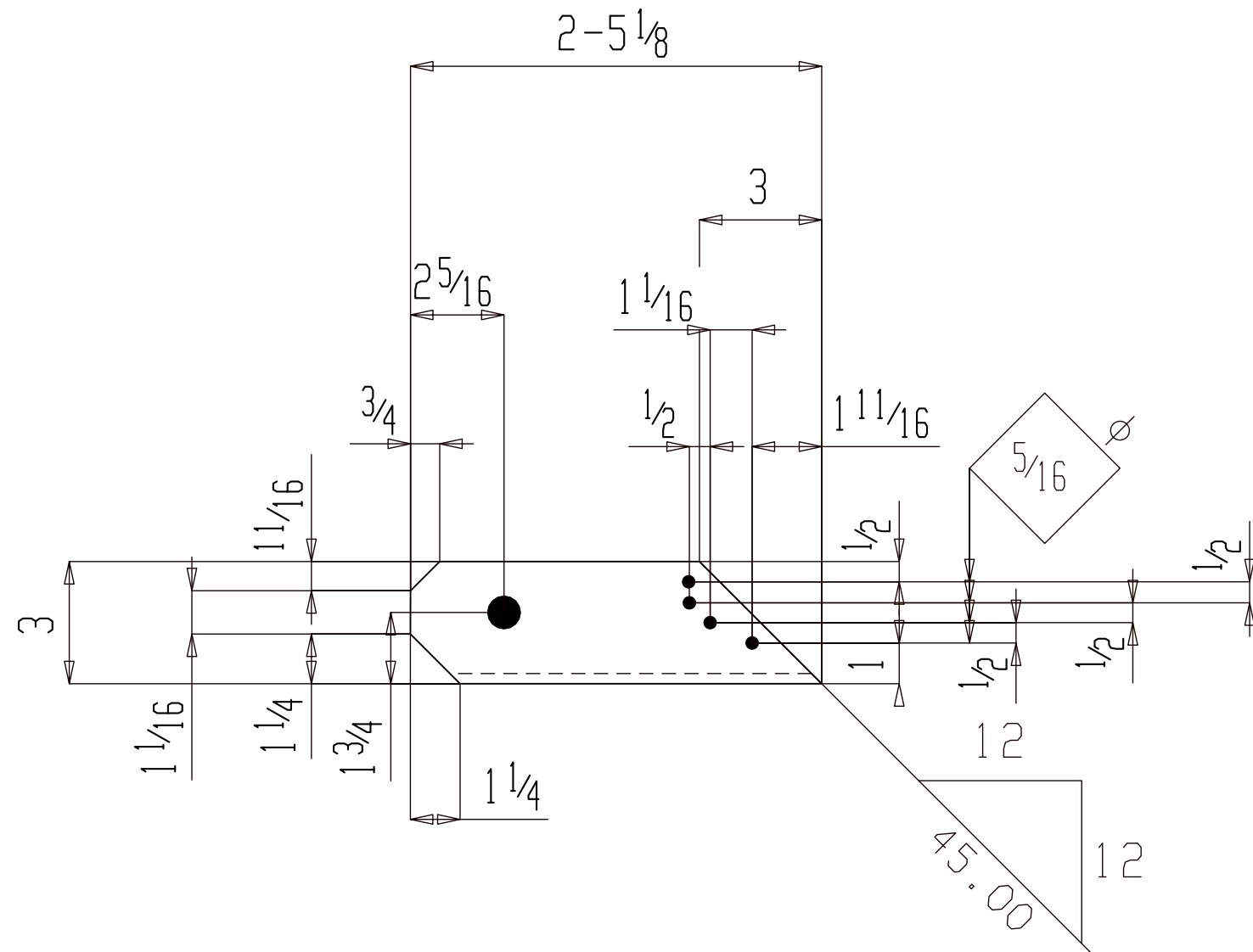
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	02M230
CHECKER	ALN				
APPROVED	04-04-22				





6 ANGLES 02M231

(E REFER: E204)  
(S REFER : 16/S6.2)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
6	02M231		ANGLE				12	71
6		02M231	L3x3x1/4	A36		2-5 1/8	12	71
			FIELD BOLTS					
6			3/4 Dia A325N		+1HD WASH		13/4	

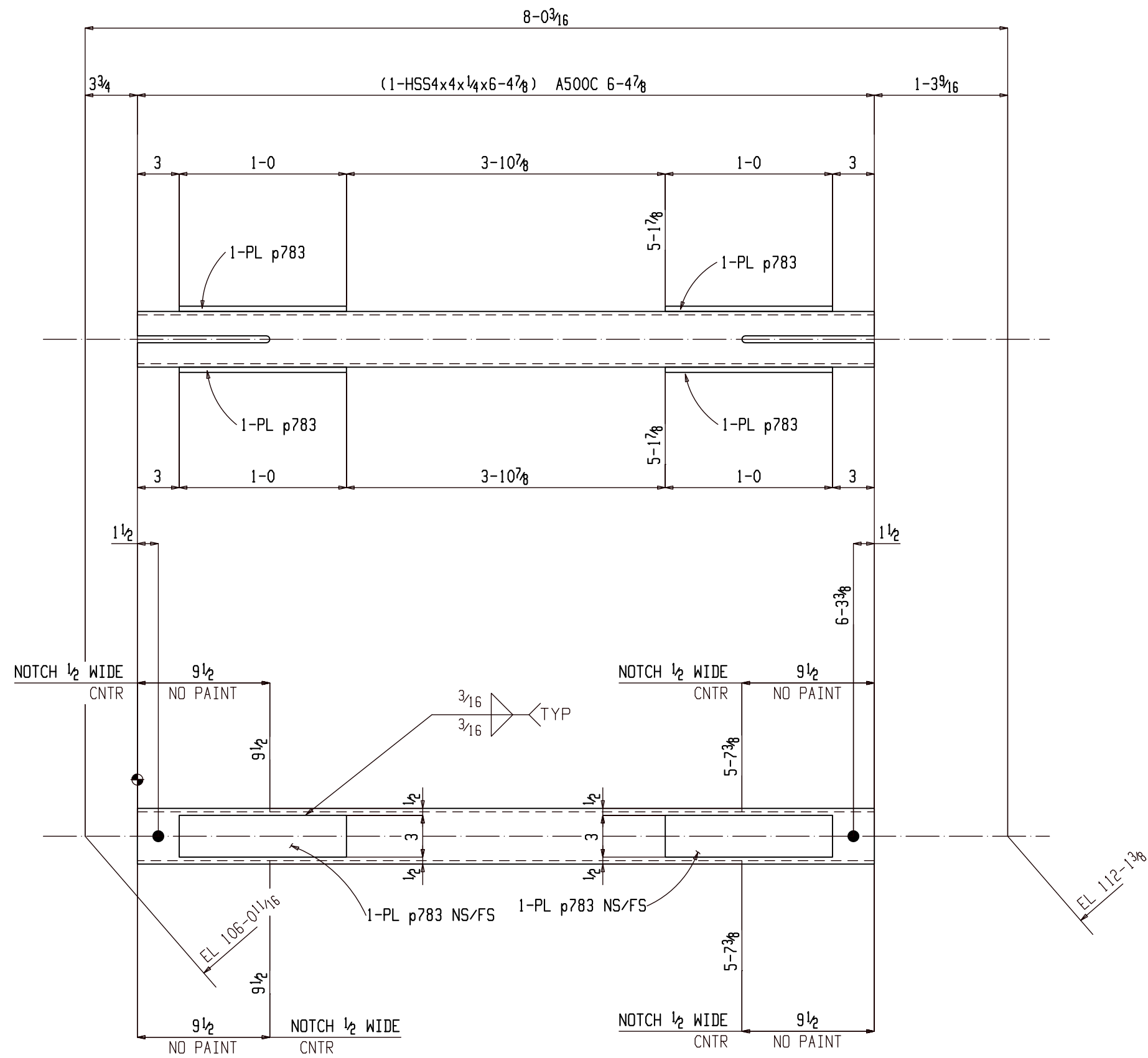
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT			DWG NO	02M231	



ONE VERTICAL BRACE 02V201

(E REFER: E206)

15C PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02V201		VERTICAL BRACE				94	94
1		02V201	HSS4x4x1/4	A500C		6-4 7/8	78	78
4		p783	PL 3/8x3	A36		1-0	4	15
FIELD BOLTS								
1			3/4 Dia A307		+1HD	5 1/2		
1			3/4 Dia A307		WASH	5		

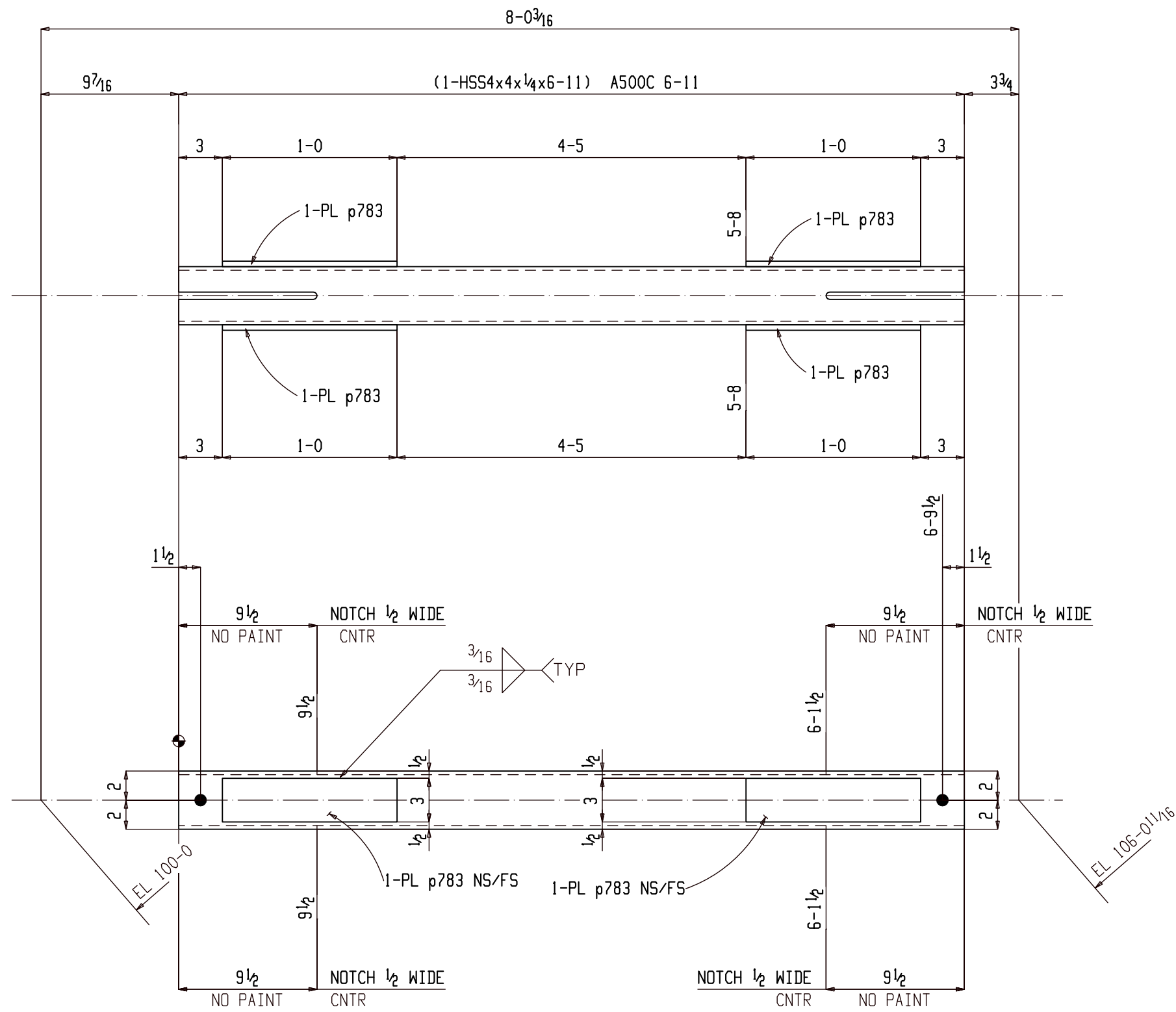
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT				DWG NO	DATE
				02V201	



ONE VERTICAL BRACE 02V202

(E REFER: E206)

1SC PRIMER

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02V202		VERTICAL BRACE				100	100
1		02V202	HSS4x4x1/4	A500C		6-11	84	84
4		p783	PL 3/8x3	A36		1-0	4	15
FIELD BOLTS								
1			3/4 Dia A307		+1HD WASH	5 1/2		
1			3/4 Dia A307			5		

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

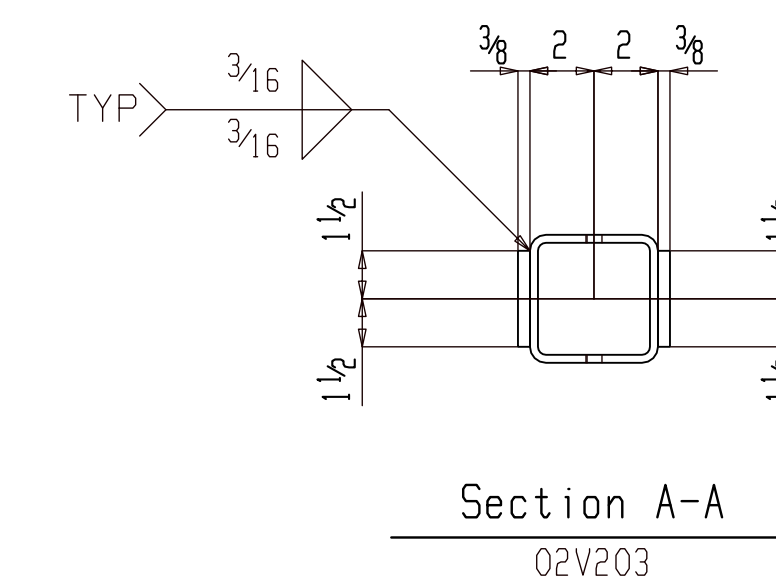
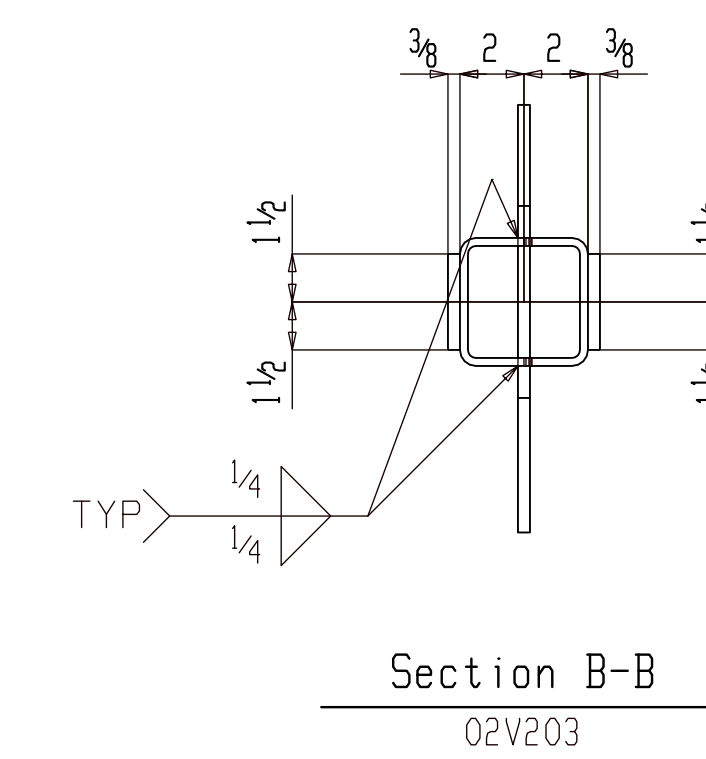
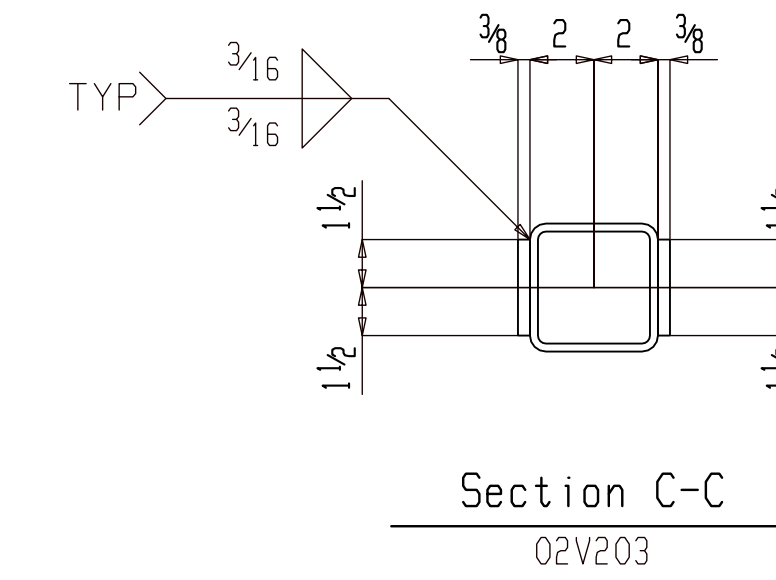
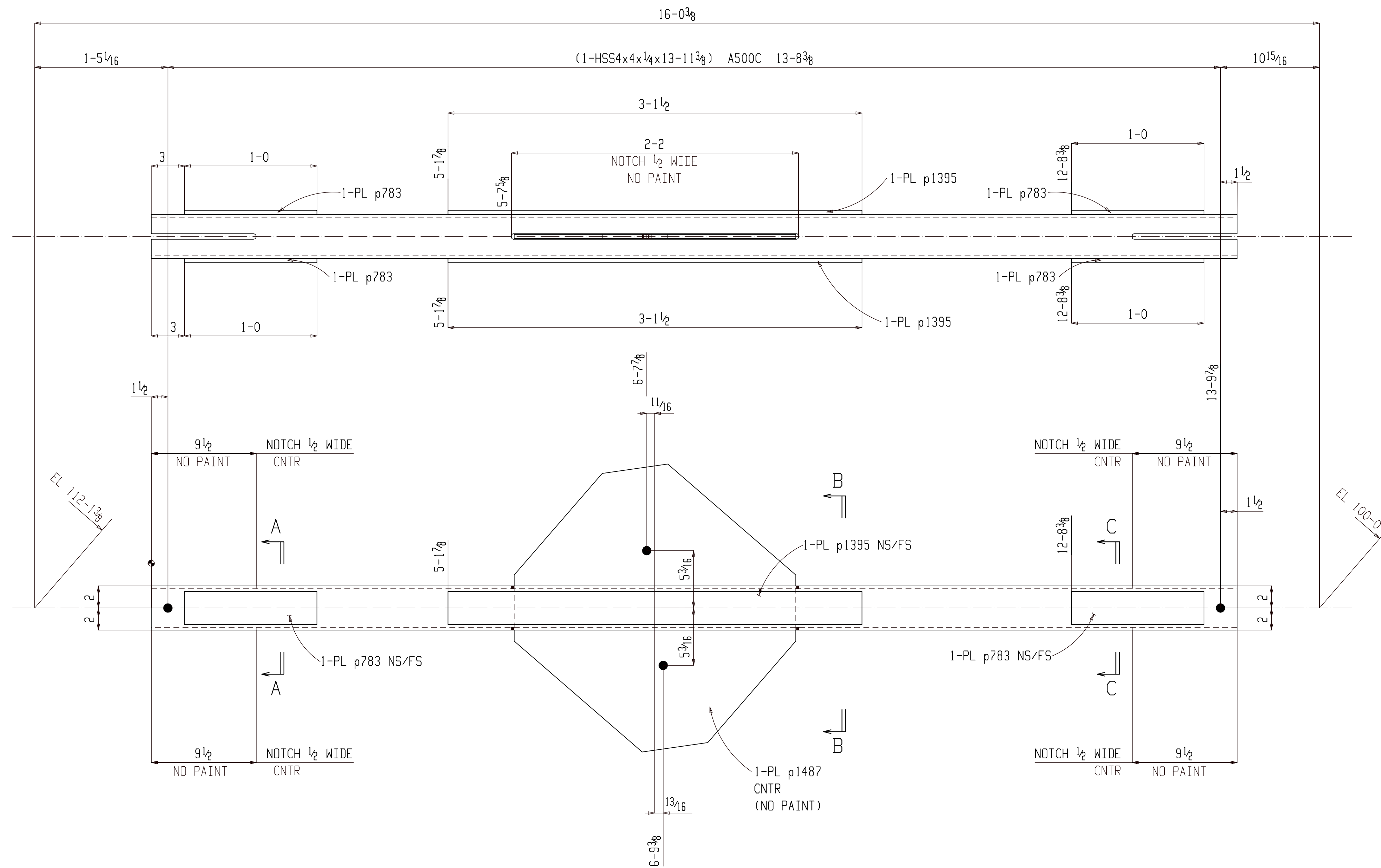
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
				02V202	

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02V203		VERTICAL BRACE					262	262
1		02V203	HSS4x4x1/4	A500C		13-11 <sup>3</sup> / <sub>8</sub>	170	170	
1		p1487	PL <sup>3</sup> / <sub>8</sub> x2 <sup>1</sup> / <sub>4</sub>	A572-50		1-11 <sup>3</sup> / <sub>16</sub>	52	52	
2		p1395	PL <sup>3</sup> / <sub>8</sub> x3	A572-50		3-1 <sup>1</sup> / <sub>2</sub>	12	24	
4		p783	PL <sup>3</sup> / <sub>8</sub> x3	A36		1-0	4	15	
			FIELD BOLTS						
2			<sup>3</sup> / <sub>4</sub> Dia A307				5		



ONE VERTICAL BRACE 02V203  
(E REFER: E206)  
1SC PRIMER

**FOR APPROVAL**

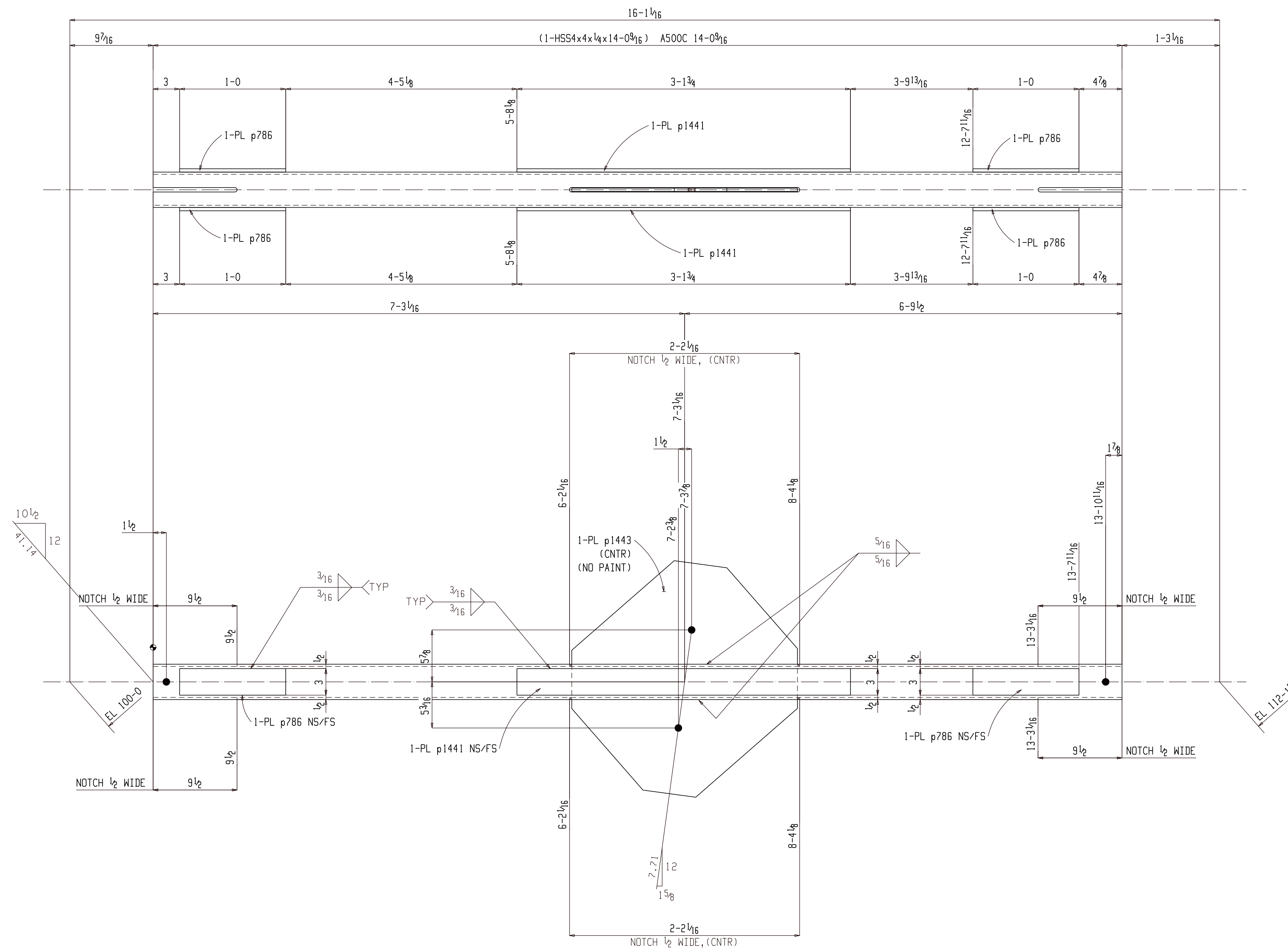
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWER	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	02V203

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02V204		VERTICAL BRACE					266	266
1		02V204	HSS4x4x1/4	A500C		14-09/16		172	172
1		p1443	PL3/8x2 3/4	A572-50		1-11 11/16		55	55
2		p1441	PL3/8x3	A572-50		3-1 3/4		12	24
4		p786	PL3/8x3	A572-50		1-0		4	15
			FIELD BOLTS						
2			3/4 Dia A307					5	



ONE VERTICAL BRACE 02V204

(E REFER: E205)

15C PRIMER

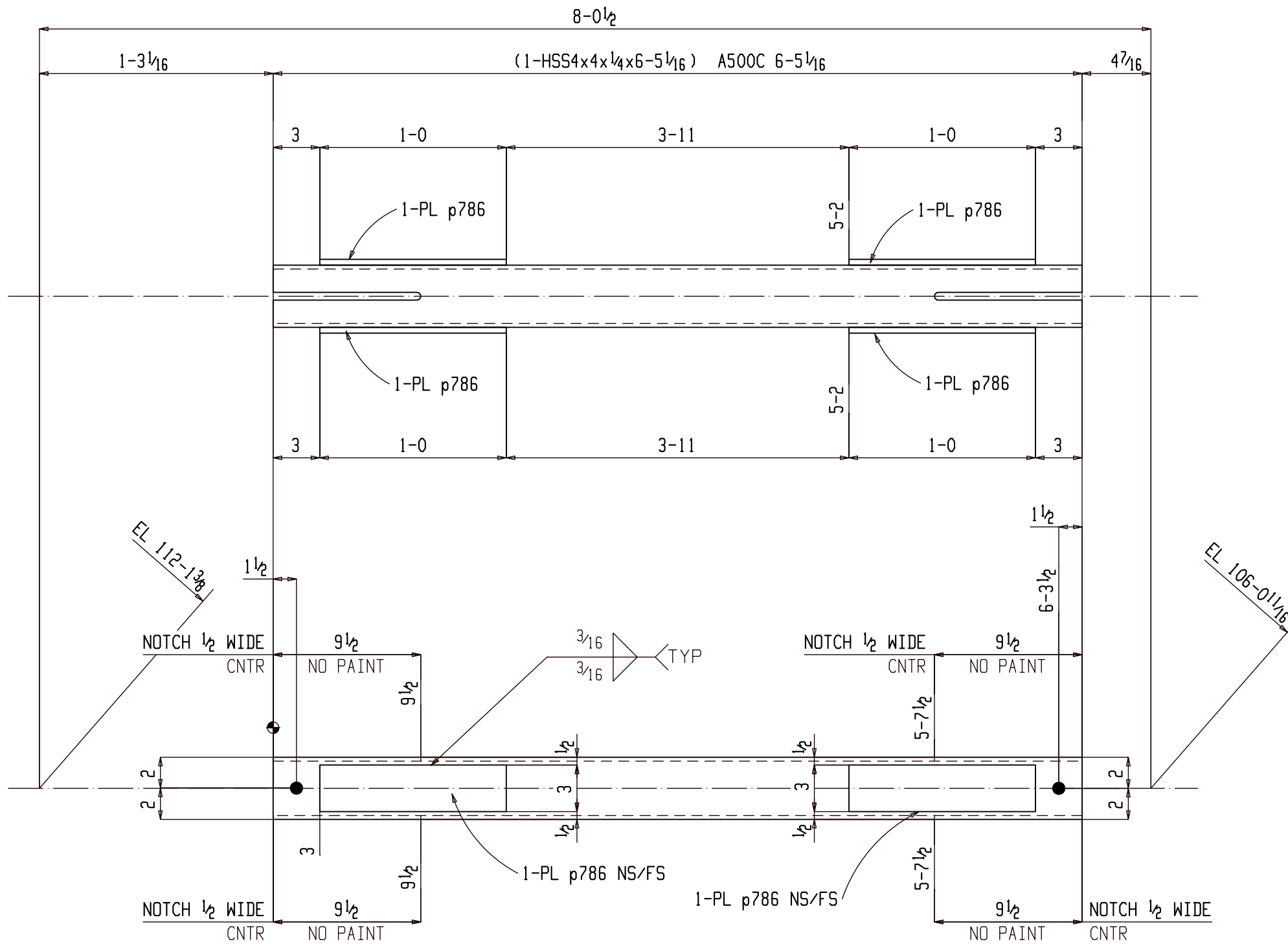
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	02V204



ONE VERTICAL BRACE 02V205

(E REFER: E205)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02V205		VERTICAL BRACE				94	94
1		02V205	HSS4x4x1/4	A500C		6-5 1/16	78	78
4		p786	PL 3/8x3	A572-50		1-0	4	15
							FIELD BOLTS	
2			3/4 Dia A307			5		

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

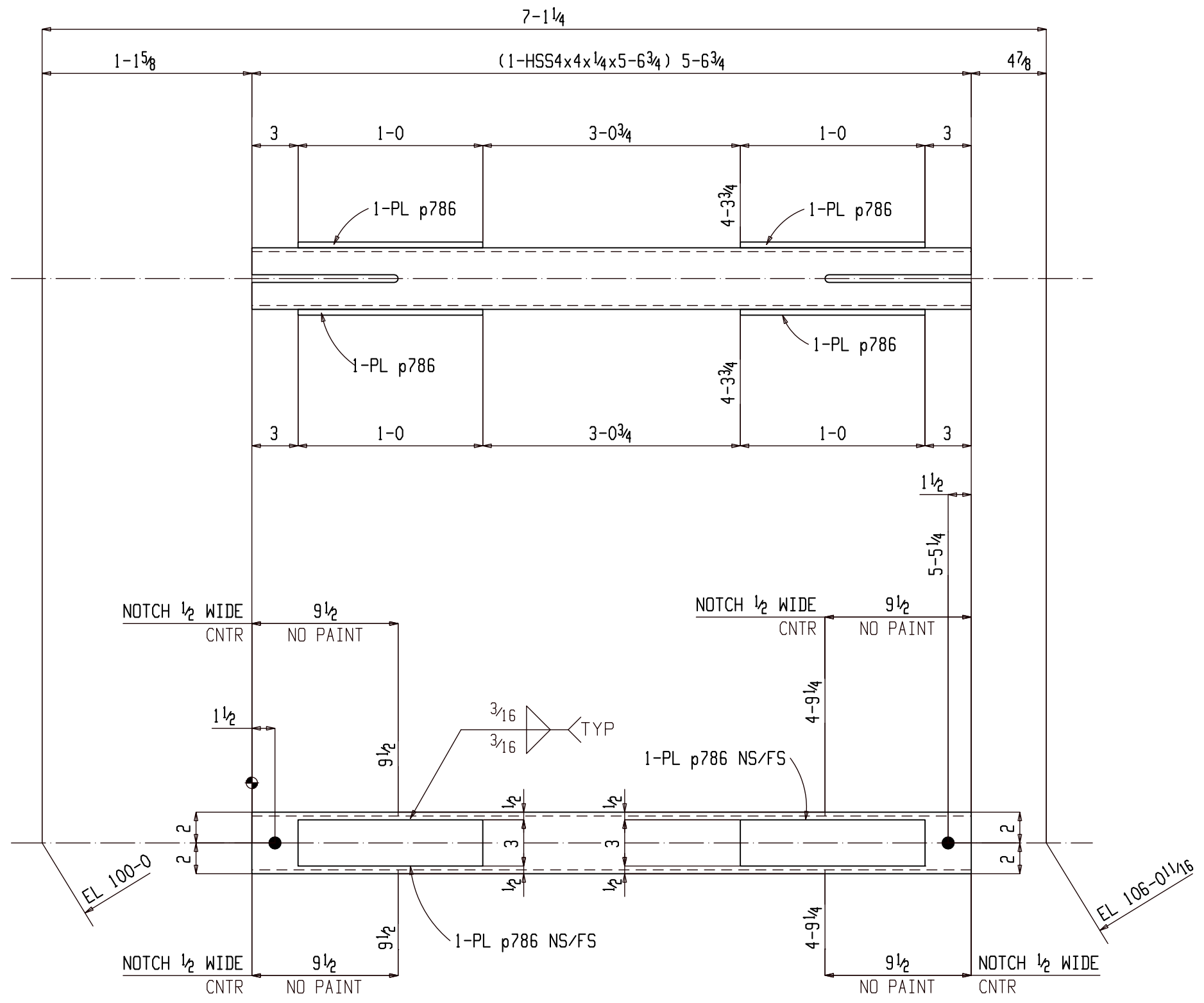


GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				02V205



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	02V207		VERTICAL BRACE						
1		02V207	HSS4x4x1/4	A500C		5-6 <sup>3</sup> / <sub>4</sub>	68	68	
4		p786	PL <sup>3</sup> / <sub>8</sub> x3	A572-50		1-0	4	15	
FIELD BOLTS									
2			3/4 Dia A307			5			



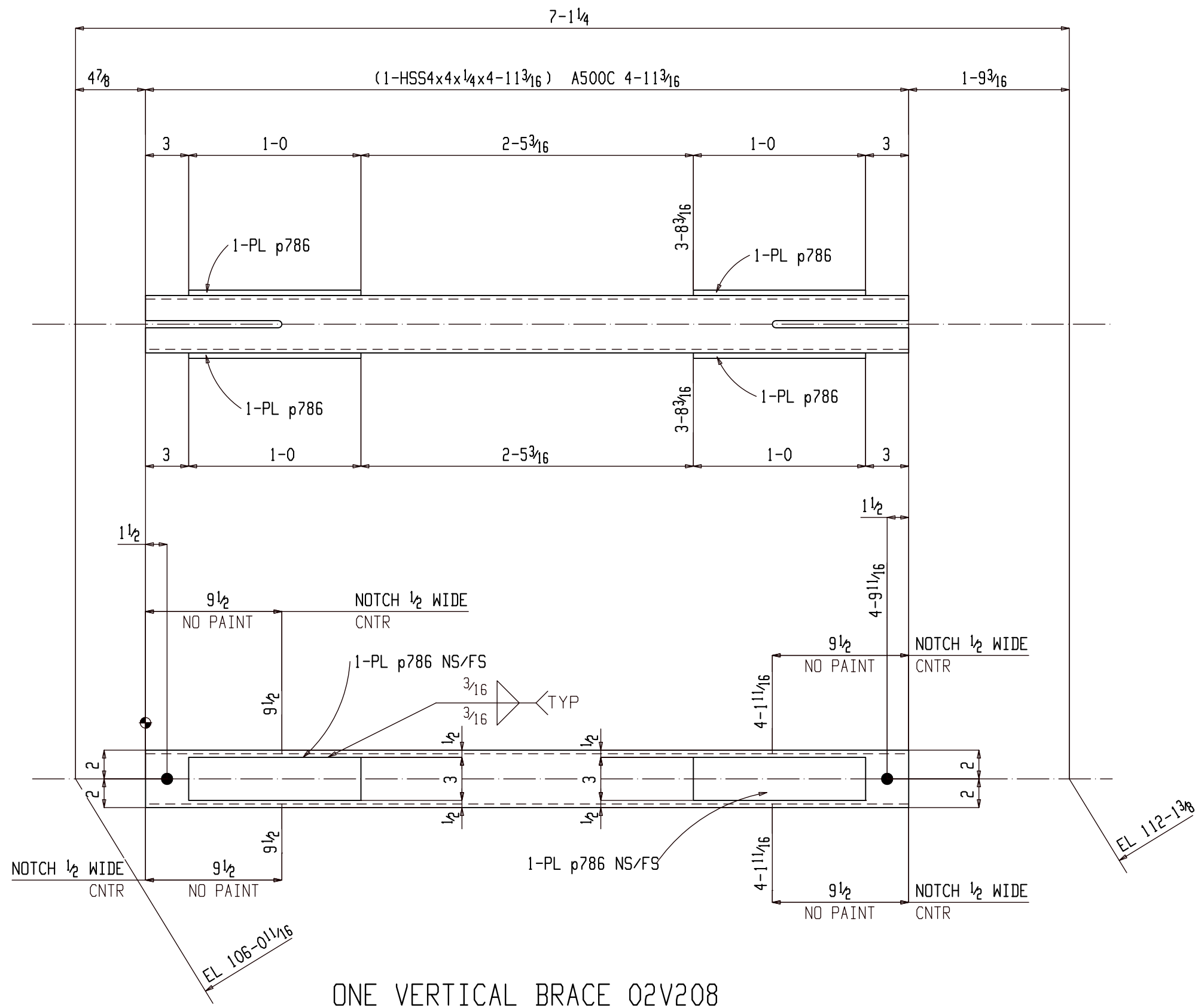
ONE VERTICAL BRACE 02V207

(E REFER: E205)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE
DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22		JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA	
PROJECT NO: 2210 REV: A		DATE: 05-06-22	





ONE VERTICAL BRACE 02V208

(E REFER: E205)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02V208		VERTICAL BRACE				76	76
1		02V208	HSS4x4x1/4	A500C		4-11 3/16	60	60
4		p786	PL 3/8x3	A572-50		1-0	4	15
			FIELD BOLTS					
2			3/4 Dia A307				5	

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

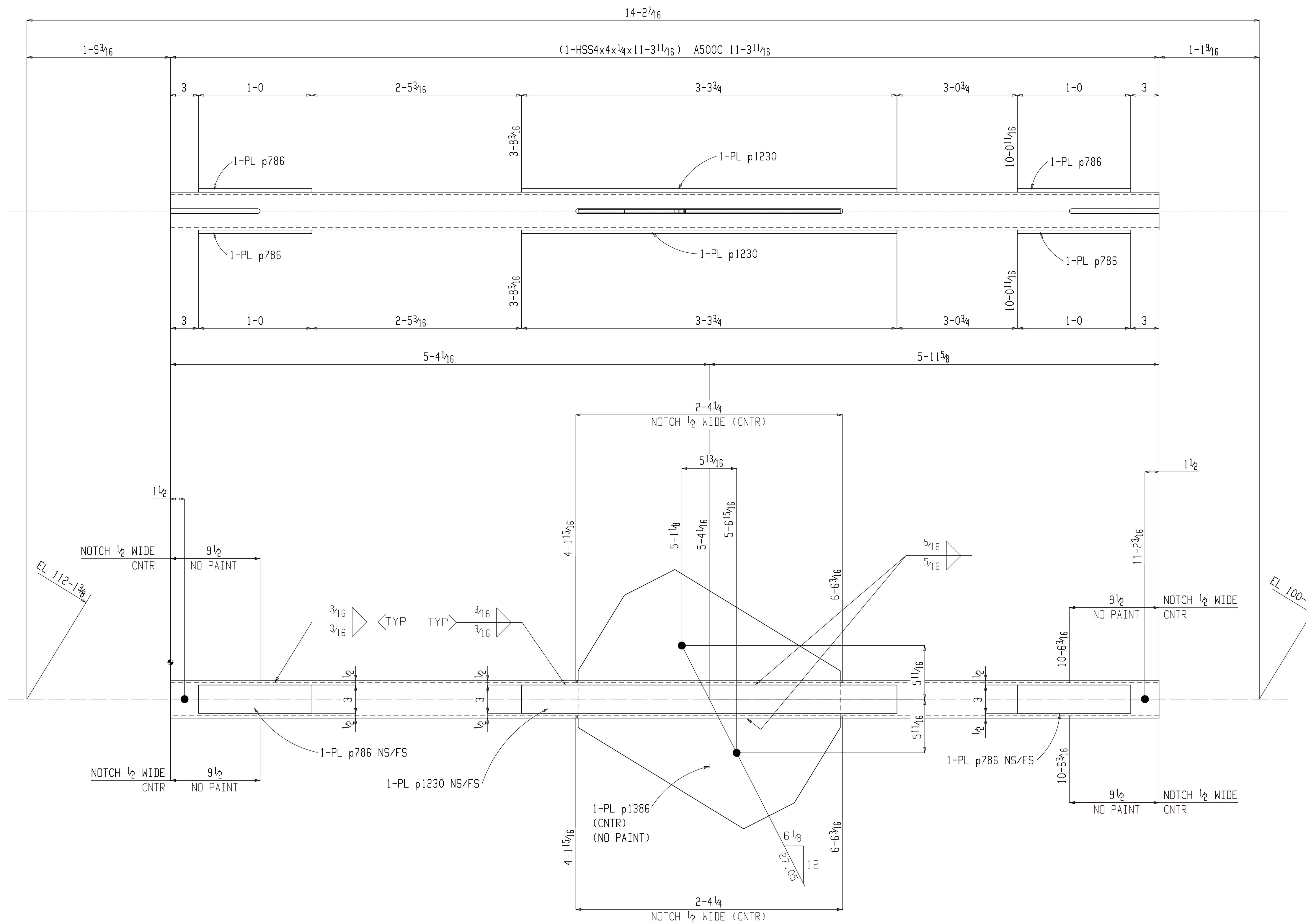
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02V209		VERTICAL BRACE					235	235
1		02V209	HSS4x4x1/4	A500C		11-311/16		138	138
1		p1386	PL3/8x195/8	A572-50		2-213/16		56	56
2		p1230	PL3/8x3	A572-50		3-33/4		13	25
4		p786	PL3/8x3	A572-50		1-0		4	15
			FIELD BOLTS						
2			3/4 Dia A307					5	



ONE VERTICAL BRACE 02V209

(E REFER: E205)

ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

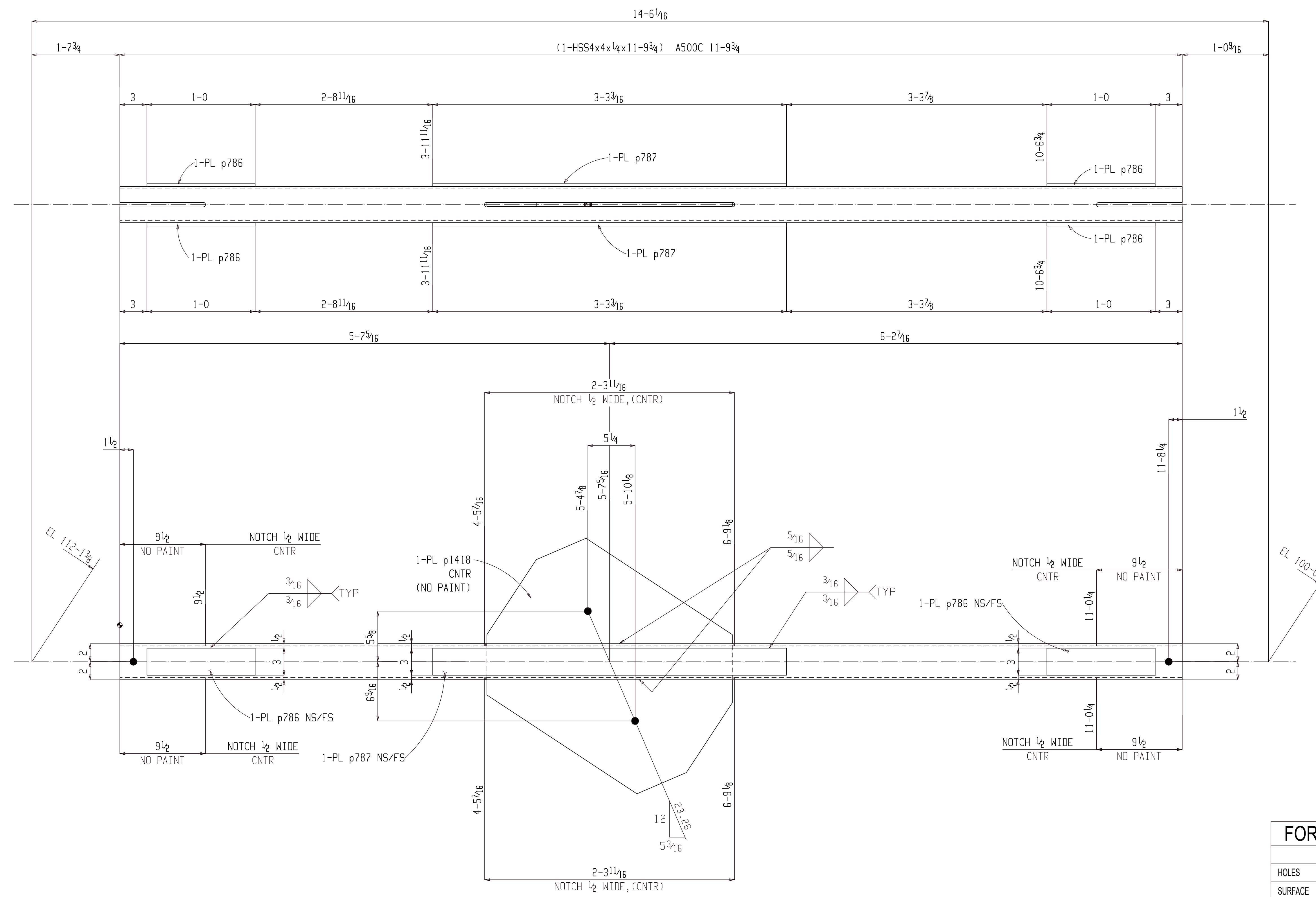
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	02V209

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	02V210		VERTICAL BRACE					243	243
1		02V210	HSS4x4x1/4	A500C		11-9 <sup>3</sup> / <sub>4</sub>	144	144	
1		p1418	PL <sup>3</sup> / <sub>8</sub> x20 <sup>9</sup> / <sub>16</sub>	A572-50		2-2 <sup>7</sup> / <sub>8</sub>	59	59	
2		p787	PL <sup>3</sup> / <sub>8</sub> x3	A572-50		3-3 <sup>1</sup> / <sub>4</sub>	13	25	
4		p786	PL <sup>3</sup> / <sub>8</sub> x3	A572-50		1-0	4	15	
			FIELD BOLTS						
2			<sup>3</sup> / <sub>4</sub> Dia A307				5		



ONE VERTICAL BRACE 02V210

(E REFER: E205)

1SC PRIMER

**FOR APPROVAL**

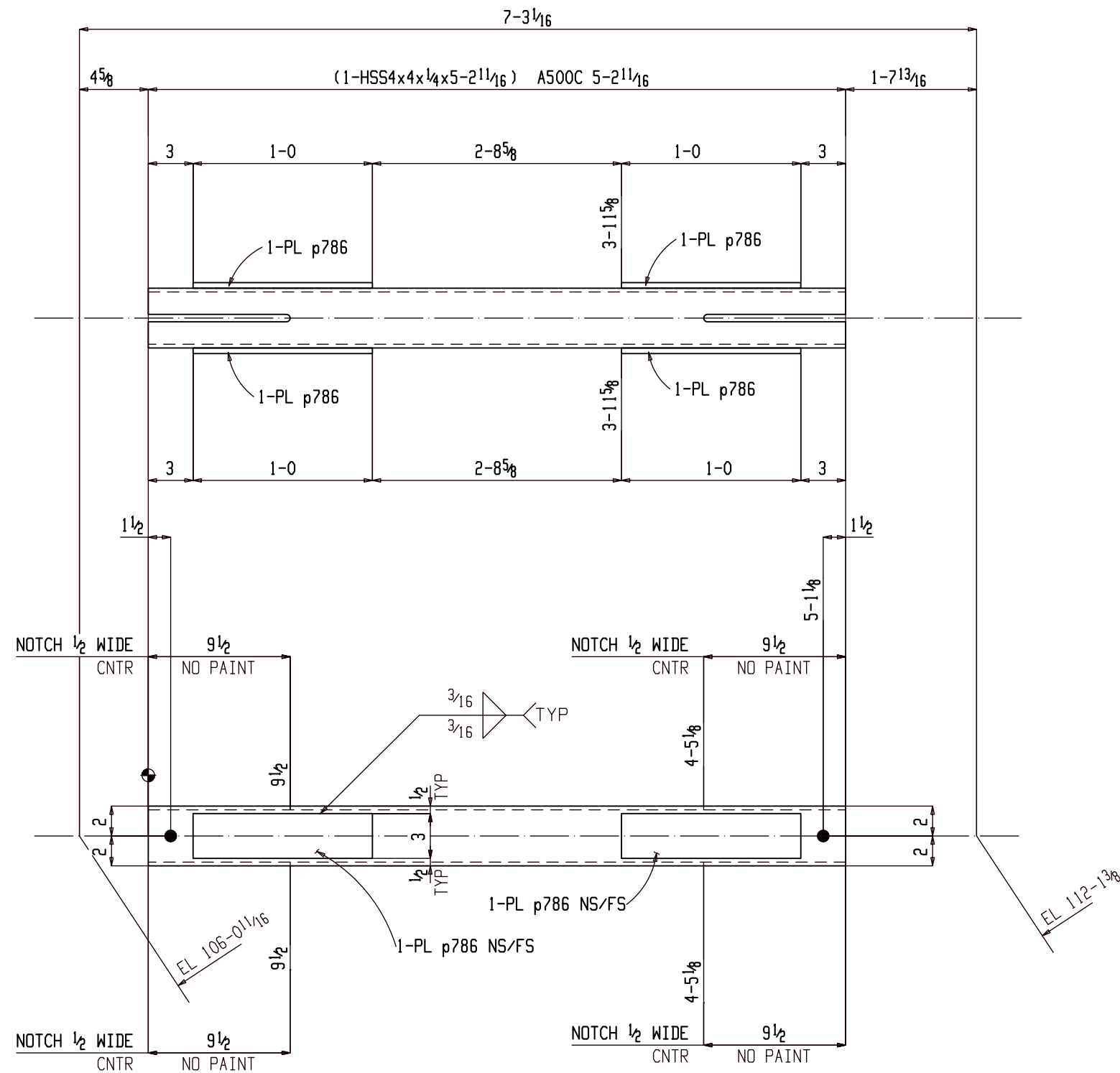
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	2210	REV	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	DWG NO	02V210
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	AKM				





ONE VERTICAL BRACE 02V212

(E REFER: E205)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	02V212		VERTICAL BRACE					79
1		02V212	HSS4x4x1/4	A500C		5-2 11/16	64	64
4		p786	PL 3/8x3	A572-50		1-0	4	15
FIELD BOLTS								
2			3/4 Dia A307				5	

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

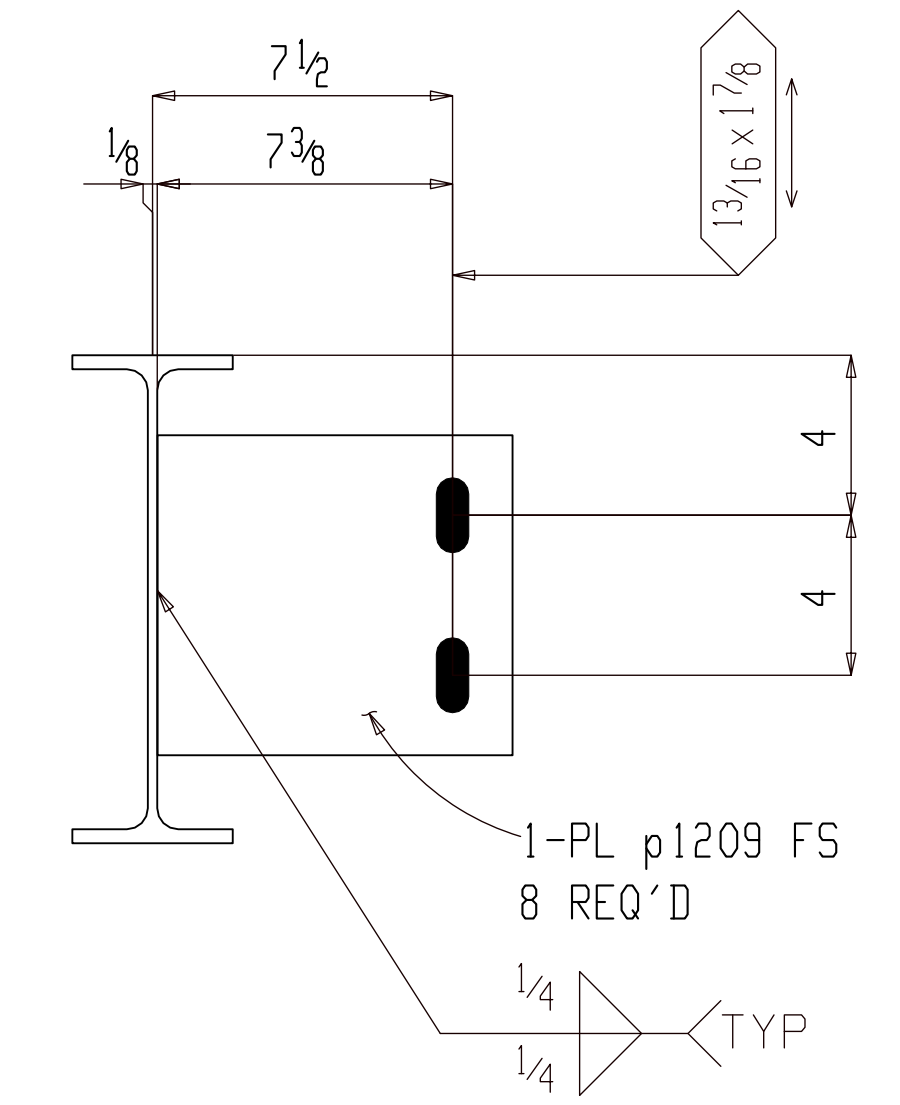
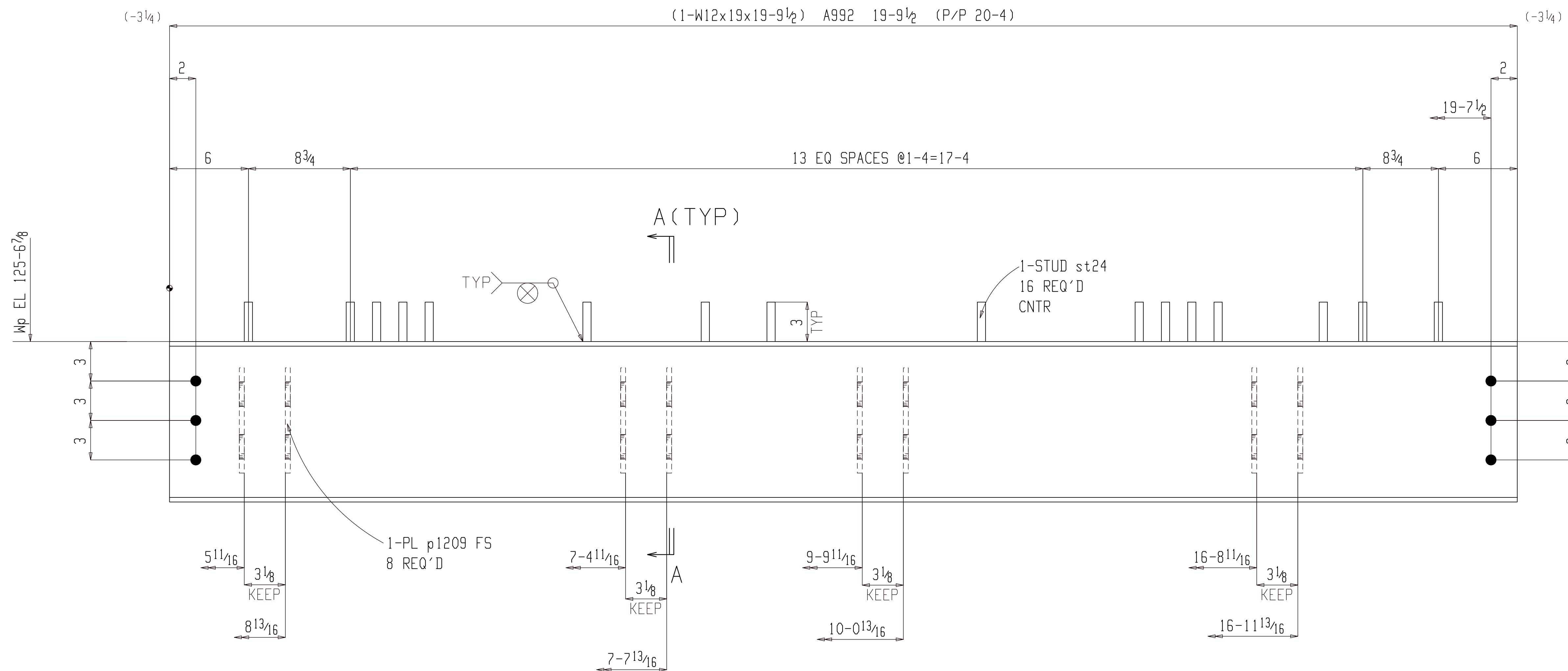
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
				02V212	

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	03B301		BEAM					441	441
1		03B301	W12x19	A992		19-9 1/2		376	376
16		st24	TWS 3/8	A108		3		0	4
8		p1209	PL 3/8x8	A36		8 7/8		8	60
			FIELD BOLTS						
6			3/4 Dia A325N		+1HD WASH	1 3/4			



Section A-A  
03B301

**ONE BEAM 03B301**

W	12 3/16 x 1/4
F	4 x 3/8
K	7/8 x 5/8

(E REFER: E301)

ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

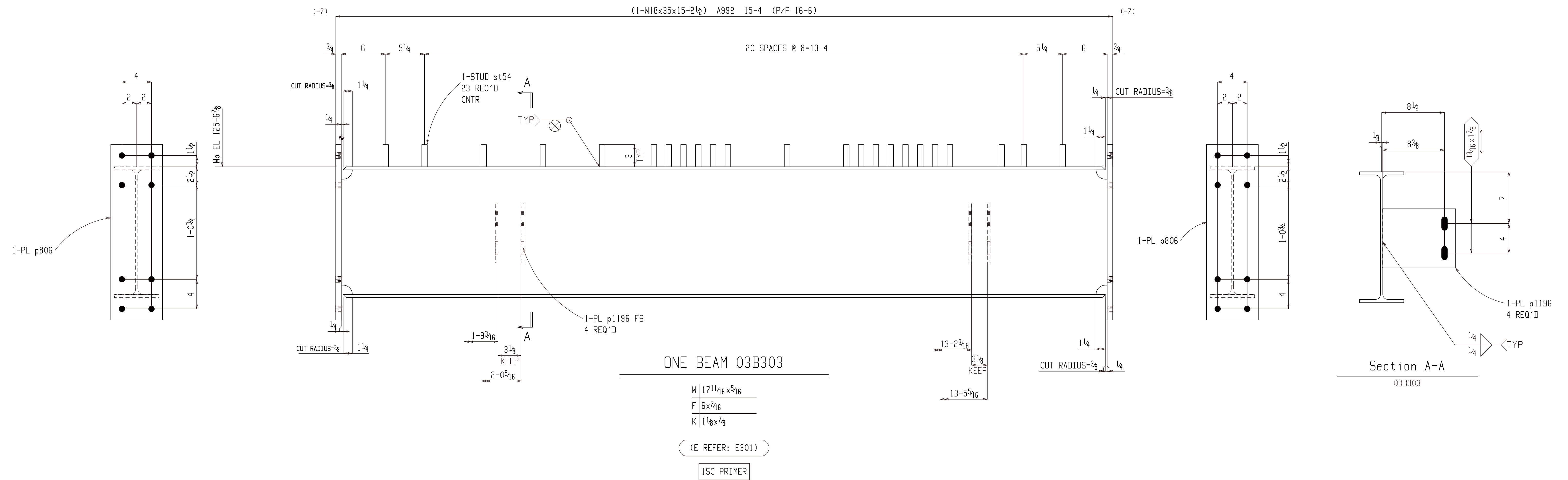


GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO	03B301



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B303		BEAM				645	645
1		03B303	W18x35	A992		15-2 1/2	532	532
23		st54	TWS 3/4	A108		3	0	9
4		p1196	PL 3/8x8	A36		9 7/8	8	34
2		p806	PL 3/4x7	A572-50		1-11 3/4	35	71
			FIELD BOLTS					
16			TC 3/4 Dia A490N		+1HD WASH	2 1/2		



### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

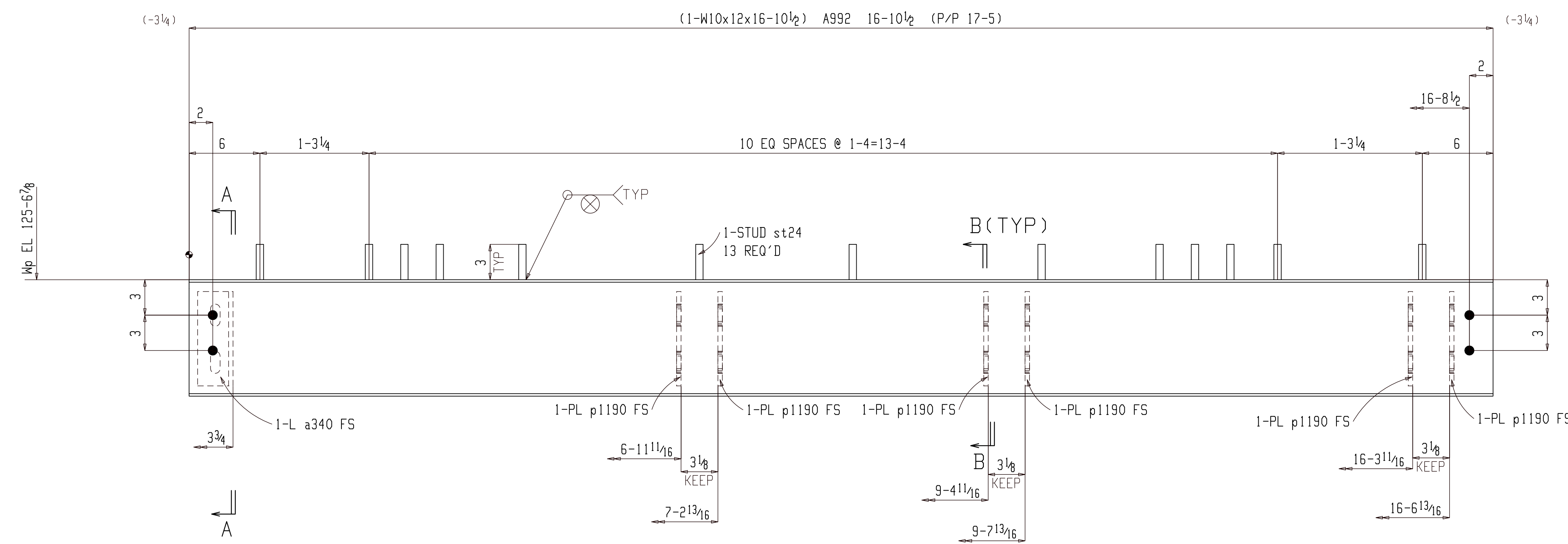


GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	03B303



**BILL OF MATERIAL**

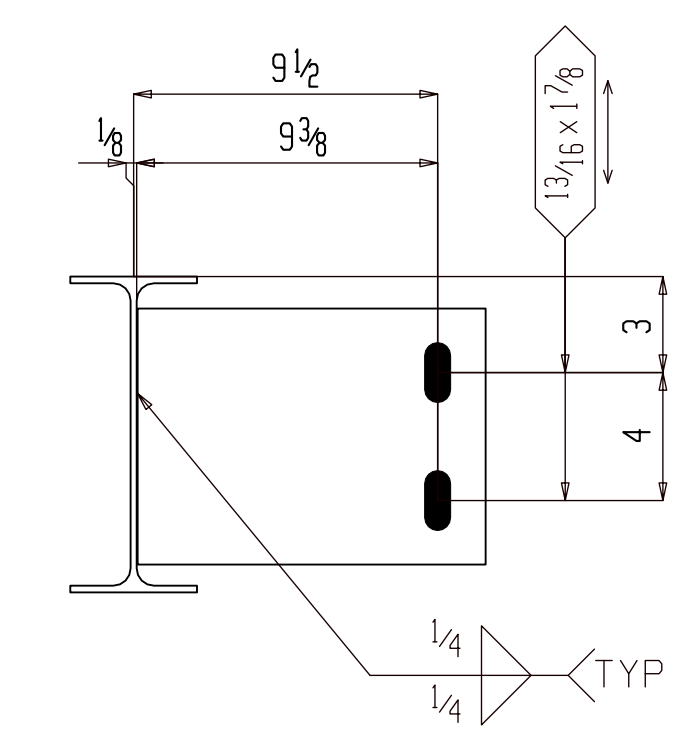
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	03B304		BEAM					270	270
1		03B304	W10x12	A992		16-10 <sup>1</sup> / <sub>2</sub>		203	203
13		st24	TWS <sup>3</sup> / <sub>8</sub>	A108		3		0	3
6		p1190	PL <sup>3</sup> / <sub>8</sub> x8	A36		10 <sup>7</sup> / <sub>8</sub>		9	56
1		a340	L7x4x <sup>3</sup> / <sub>8</sub>	A36		8		9	9
			FIELD BOLTS						
4			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH			1 <sup>1</sup> / <sub>2</sub>	



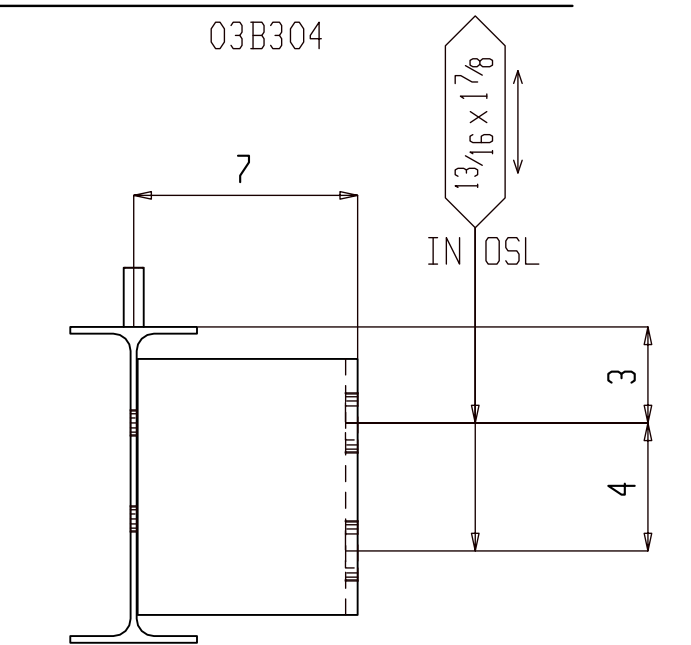
ONE BEAM 03B304

W	9 <sup>7</sup> / <sub>8</sub> x <sup>3</sup> / <sub>16</sub>
F	3 <sup>15</sup> / <sub>16</sub> x <sup>3</sup> / <sub>16</sub>
K	<sup>3</sup> / <sub>4</sub> x <sup>3</sup> / <sub>8</sub>

(E REFER: E301)  
1SC PRIMER



Section B-B



Section A-A

**FOR APPROVAL**

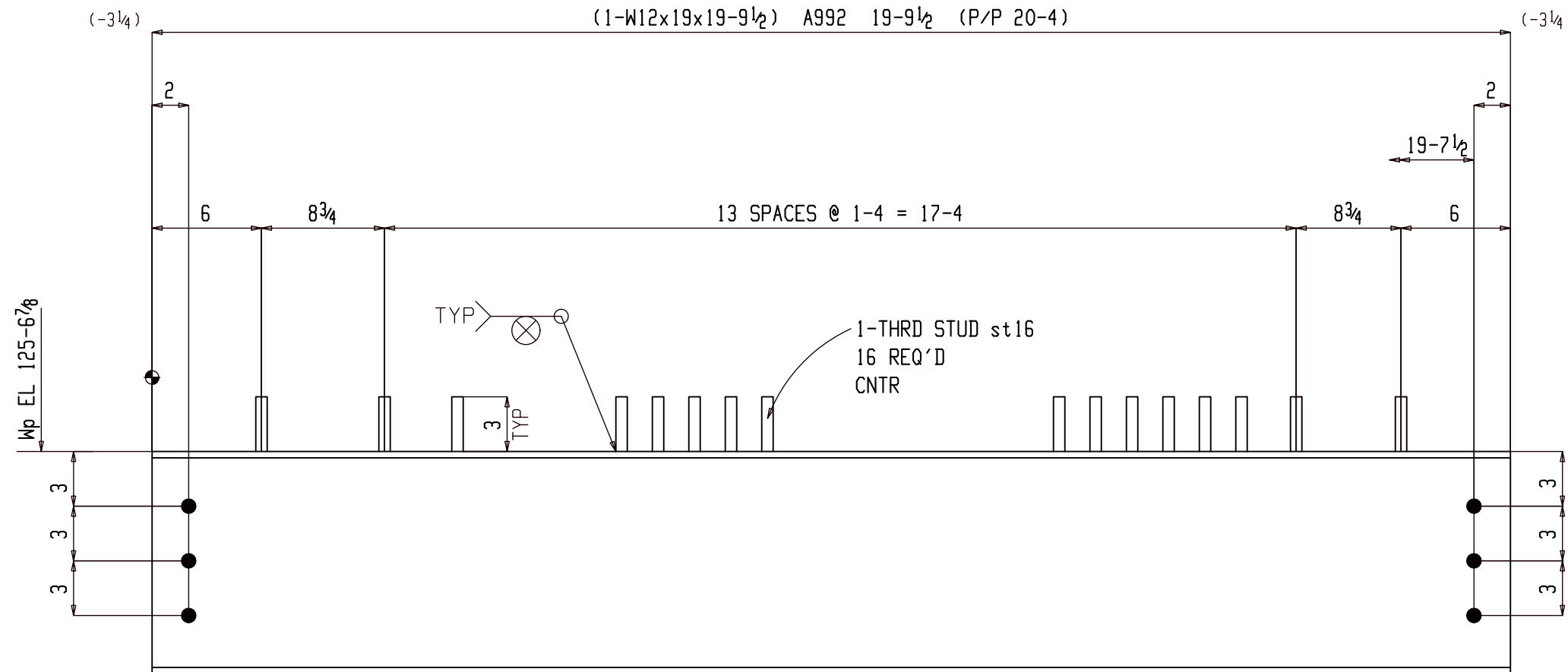
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	2210	REV	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	DWG NO	03B304
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B305		BEAM					380
1		03B305	W12x19	A992		19-9 1/2	376	376
16		st25	TWS 5/8	A108		3	0	4
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 3/4		



ONE BEAM 03B305

W	12 3/16 x 1/4
F	4 x 3/8
K	7/8 x 5/8

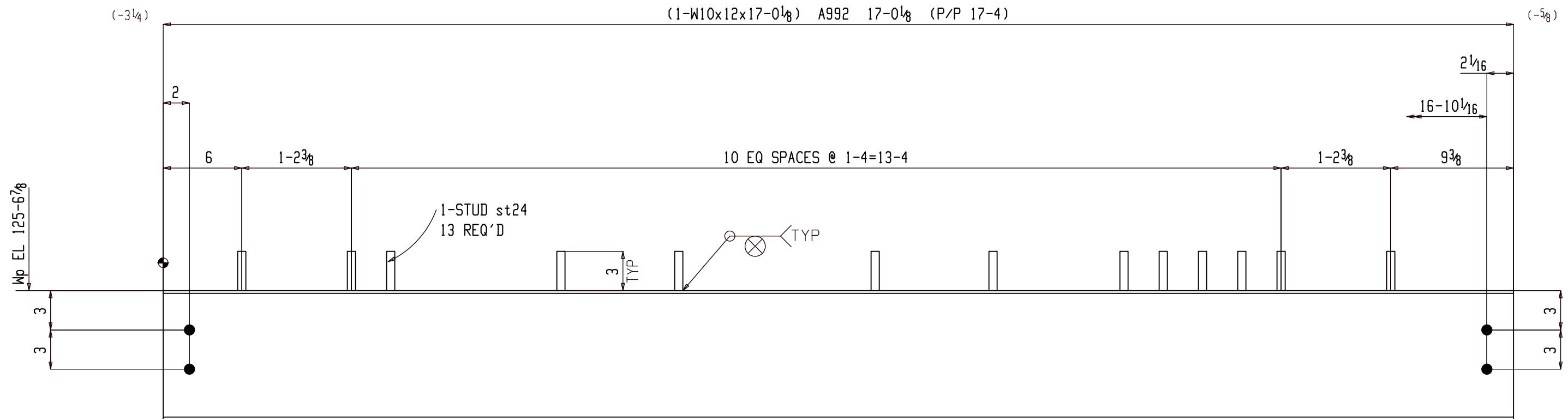
(E REFER: E301)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN		
APPROVED	04-04-22		
		PROJECT NO	2210
		DWG NO	03B305

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B306		BEAM				208	208
1		03B306	W10x12	A992		17-0 <sup>1</sup> / <sub>8</sub>	204	204
13		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
4			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		



### ONE BEAM 03B306

W	9 <sup>7</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>
F	3 <sup>15</sup> / <sub>16</sub> x 3 <sup>1</sup> / <sub>16</sub>
K	3 <sup>3</sup> / <sub>4</sub> x 5 <sup>5</sup> / <sub>8</sub>

(E REFER: E301)

1SC PRIMER

### FOR APPROVAL

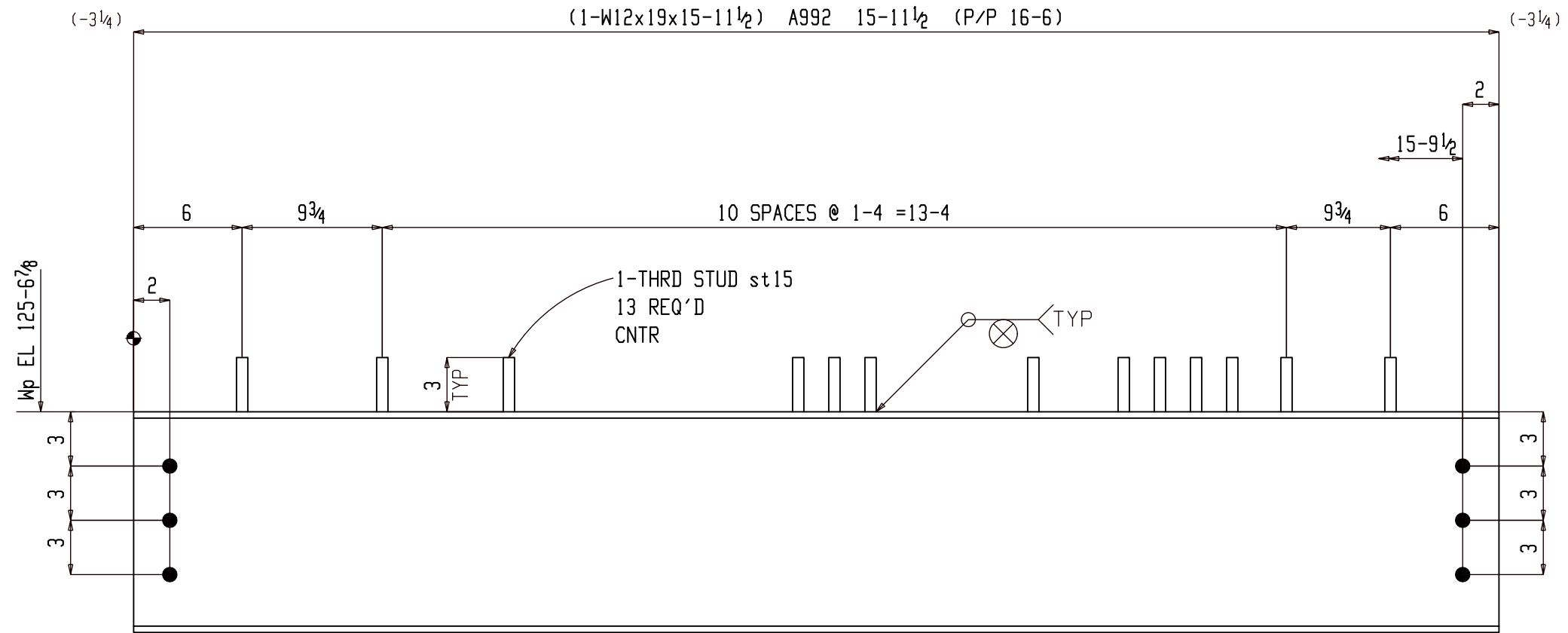
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		03B306	
CHECKER		ALN									
APPROVED		04-04-22									

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B307		BEAM				307	307
1		03B307	W12x19	A992		15-11½	303	303
13		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			¾ Dia A325N		+1HD	1¾		
					WASH			



### ONE BEAM 03B307

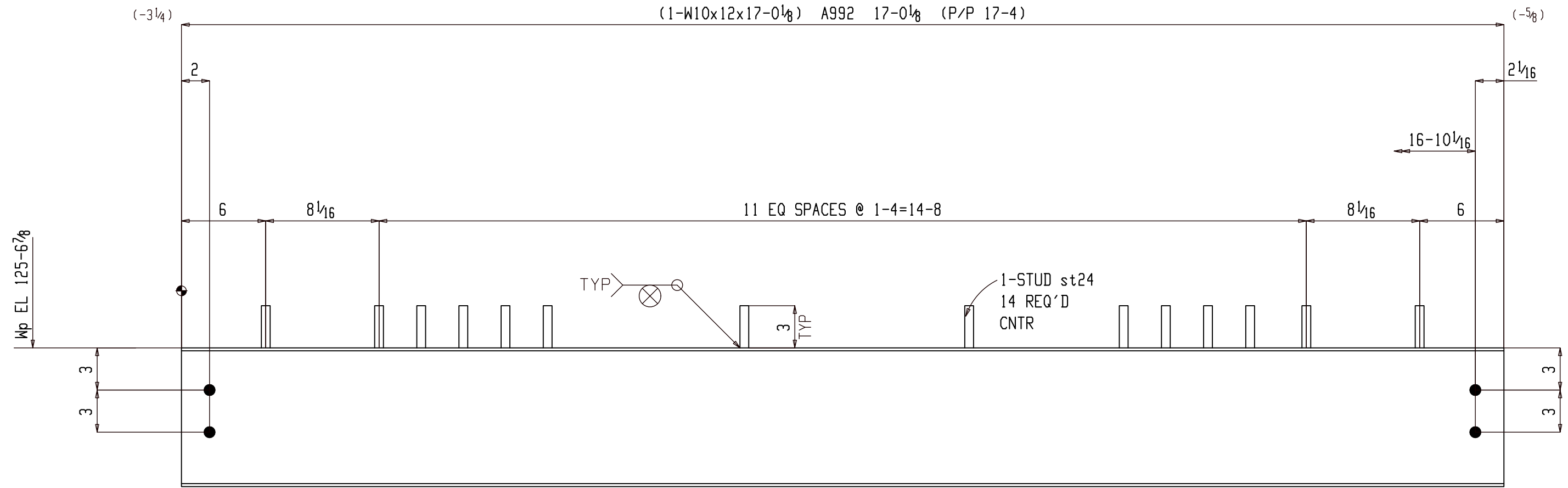
W	12 <sup>3</sup> / <sub>16</sub> x ¼
F	4 x <sup>3</sup> / <sub>8</sub>
K	7 <sup>8</sup> / <sub>8</sub> x <sup>5</sup> / <sub>8</sub>

(E REFER: E301)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO 2210
DATE 04-04-22	CHECKER ALN	JOB NAME MILWAUKEE STATION APARTMENTS	DATE 05-06-22
APPROVED 04-04-22	JOB LOCATION GREAT FALLS, MONTANA	DWG NO 03B307	REV

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B308		BEAM					208
1		03B308	W10x12	A992		17-0 <sup>1</sup> / <sub>8</sub>	204	204
14		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4
FIELD BOLTS								
4			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		



ONE BEAM 03B308

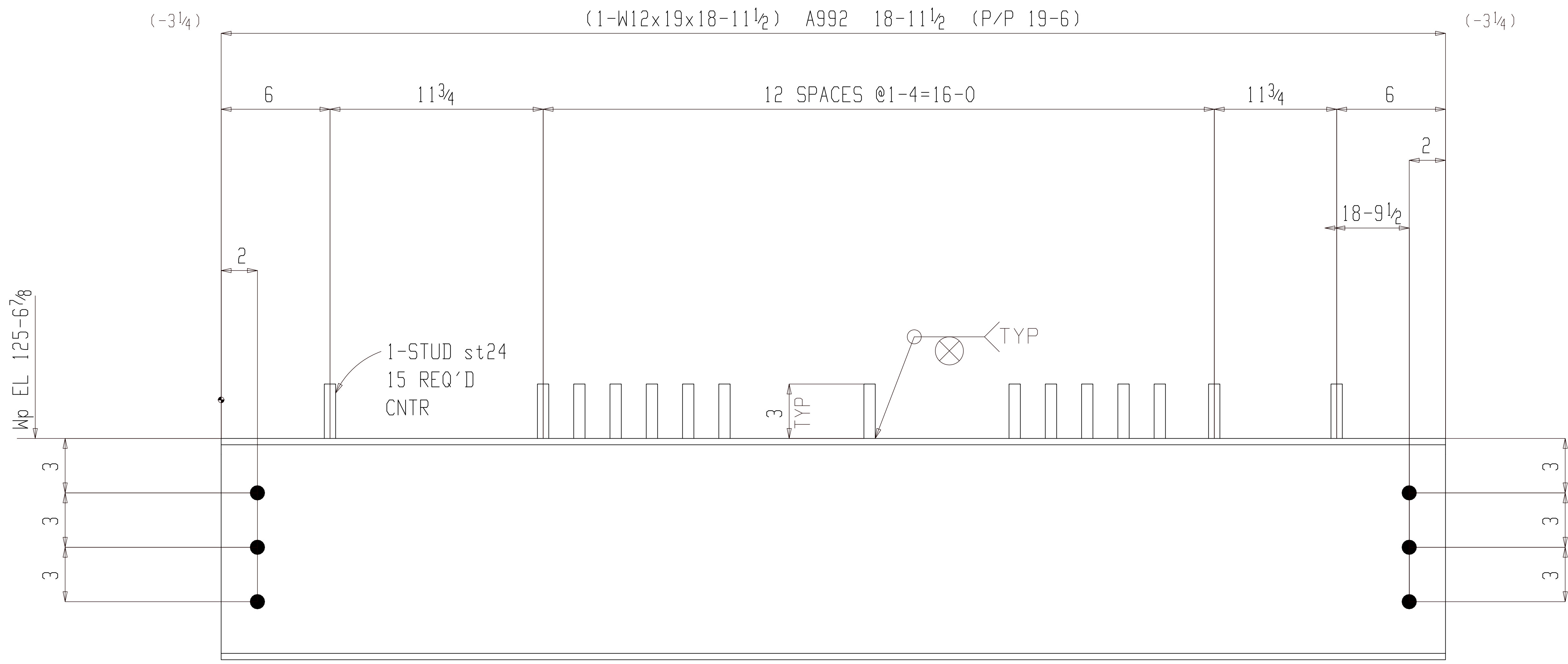
W	9 <sup>7</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>
F	3 <sup>15</sup> / <sub>16</sub> x 3 <sup>1</sup> / <sub>16</sub>
K	3/4 x 5/8

(E REFER: E301)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE
<small>ANDERSON STEEL SUPPLY, INC. IS A MATERIALS SUPPLIER ONLY DESIGN VERIFICATION AND REVIEW IS THE RESPONSIBILITY OF THE DESIGNER OF RECORD</small>			
GENERAL ARRANGEMENT			
<small>DETAILER</small> AKM <small>DATE</small> 04-04-22 <small>CHECKER</small> ALN <small>APPROVED</small> 04-04-22	<small>JOB NAME</small> MILWAUKEE STATION APARTMENTS <small>JOB LOCATION</small> GREAT FALLS, MONTANA	<small>PROJECT NO</small> 2210 <small>DWG NO</small> 03B308	<small>REV</small>

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	03B309		BEAM					364	364
1		03B309	W12x19	A992		18-11 $\frac{1}{2}$	360	360	
15		st24	TWS $\frac{5}{8}$	A108		3	0	4	
FIELD BOLTS									
6			$\frac{3}{4}$ Dia A325N		+1HD WASH			1 $\frac{3}{4}$	



ONE BEAM 03B309

W	12 $\frac{3}{16}$ x $\frac{1}{4}$
F	4 x $\frac{3}{8}$
K	7 $\frac{7}{8}$ x 5 $\frac{5}{8}$

(E REFER: E301)

1SC PRIMER

FOR APPROVAL

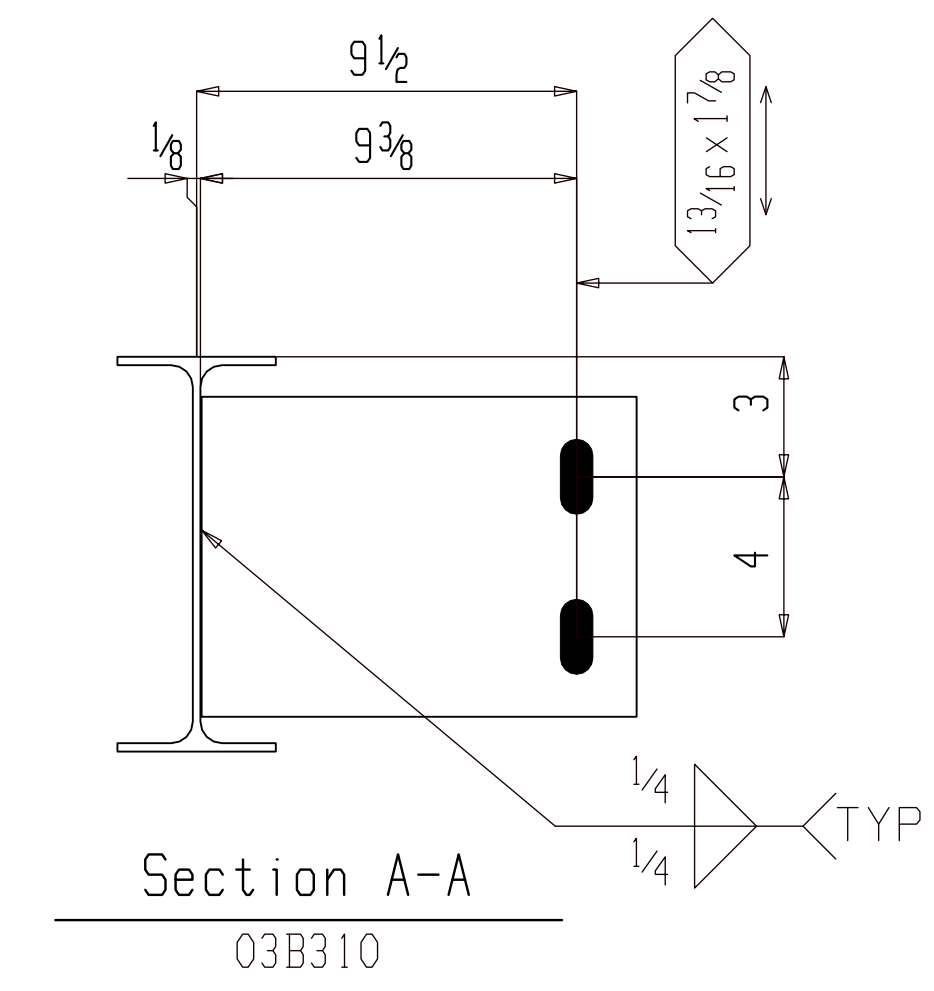
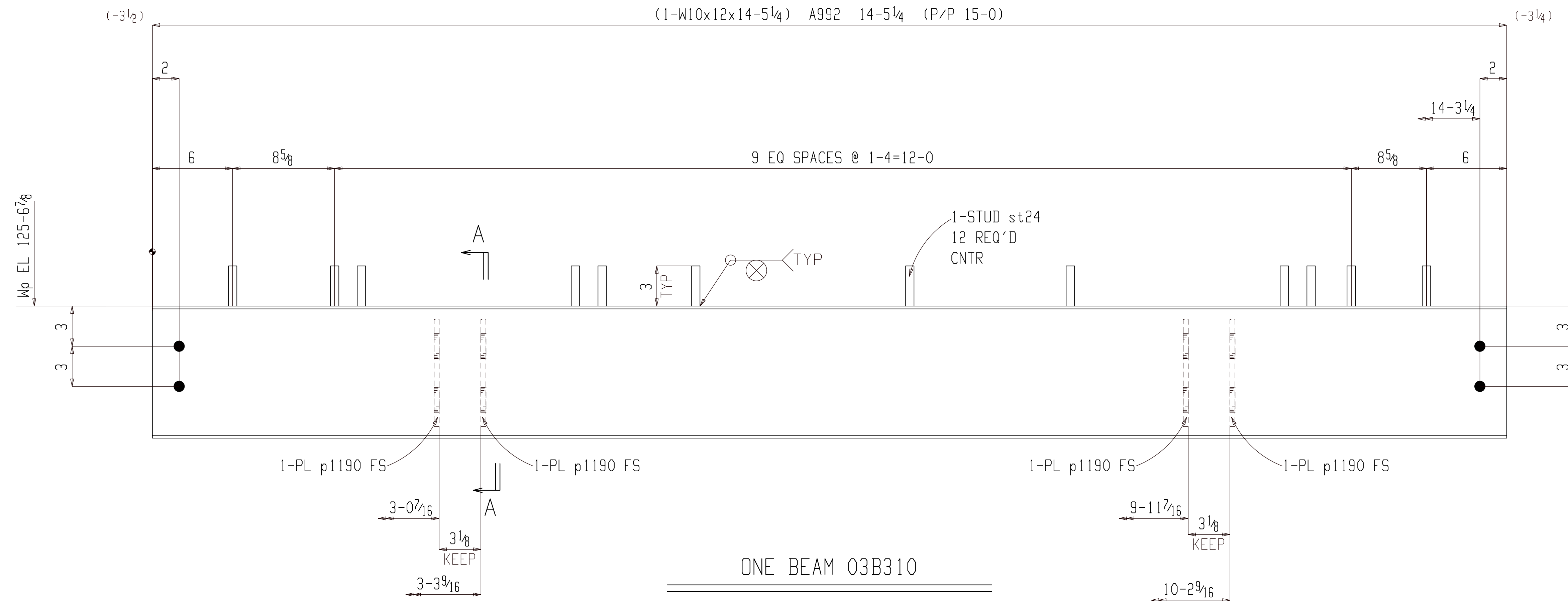
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	$\frac{13}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	AKM	JOB NAME	2210	A
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS	DWG NO
APPROVED	04-04-22		GREAT FALLS, MONTANA	03B309

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B310		BEAM				213	213
1		03B310	W10x12	A992		14-5 1/4	173	173
12		st24	TWS 5/8	A108		3	0	3
4		p1190	PL 3/8x8	A36		10 7/8	9	37
			FIELD BOLTS					
4			3/4 Dia A325N		+1HD WASH		1 1/2	



ONE BEAM 03B310

W	9 7/8 x 3/16
F	3 15/16 x 3/16
K	3/4 x 5/8

(E REFER: E301)

1SC PRIMER

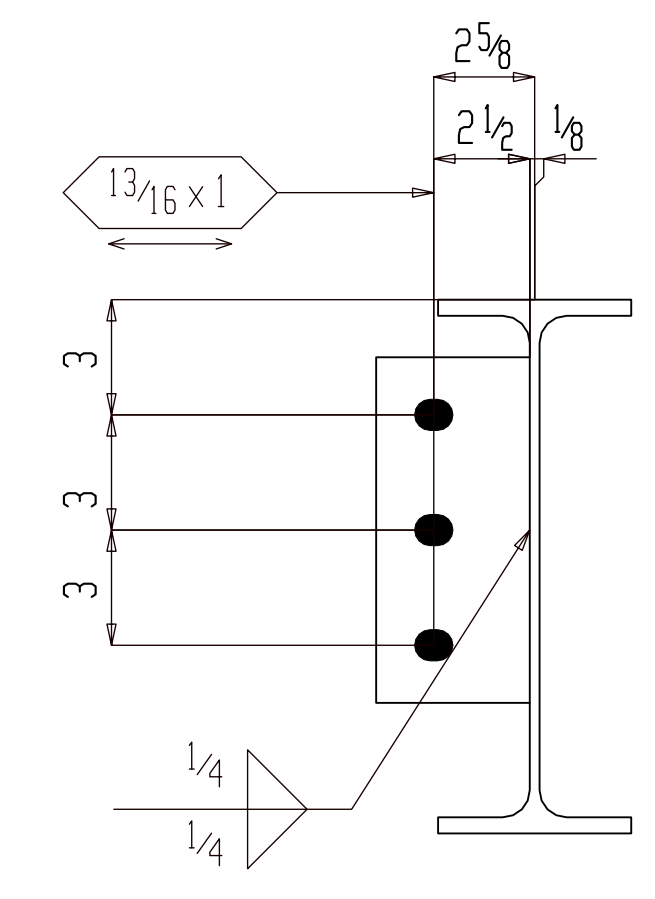
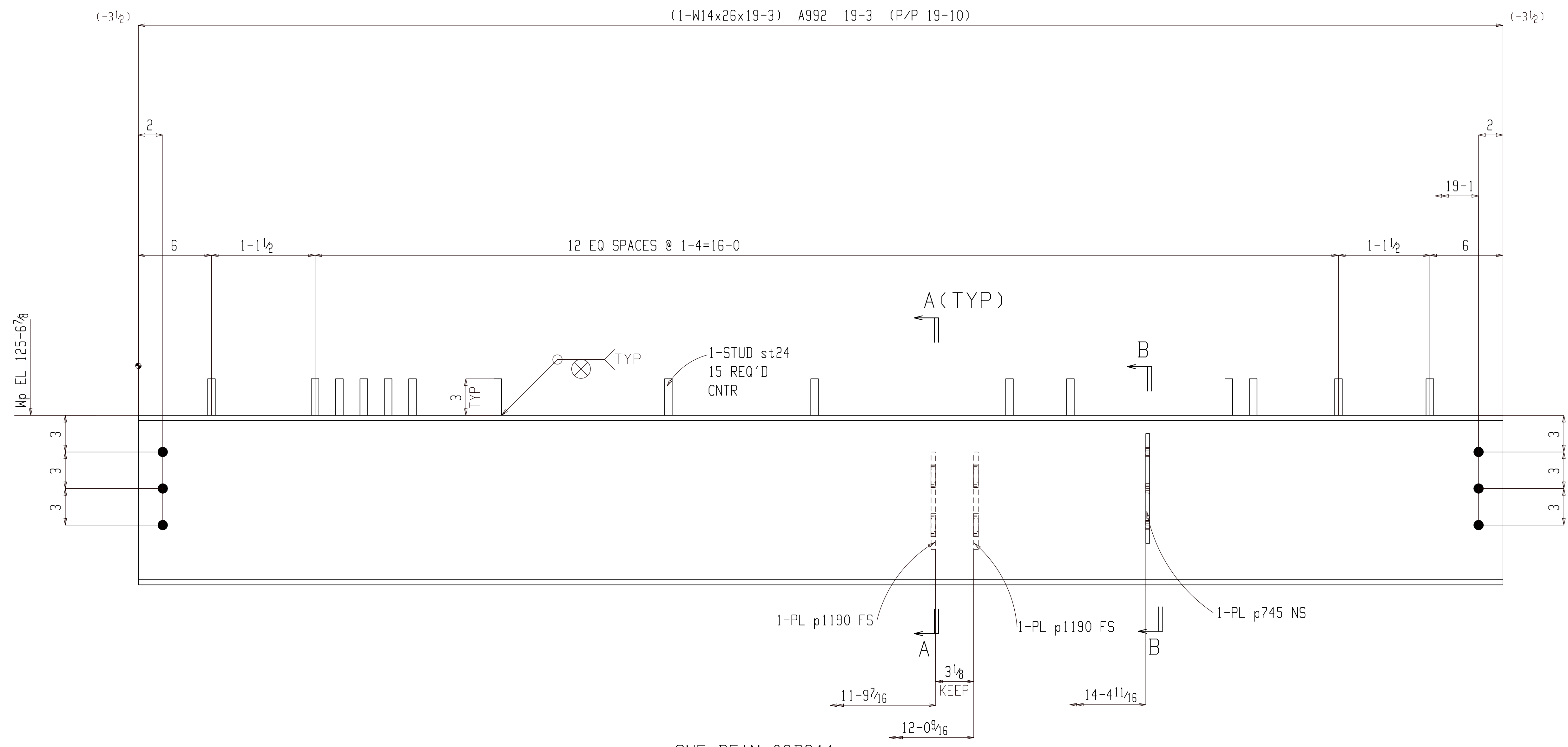
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE

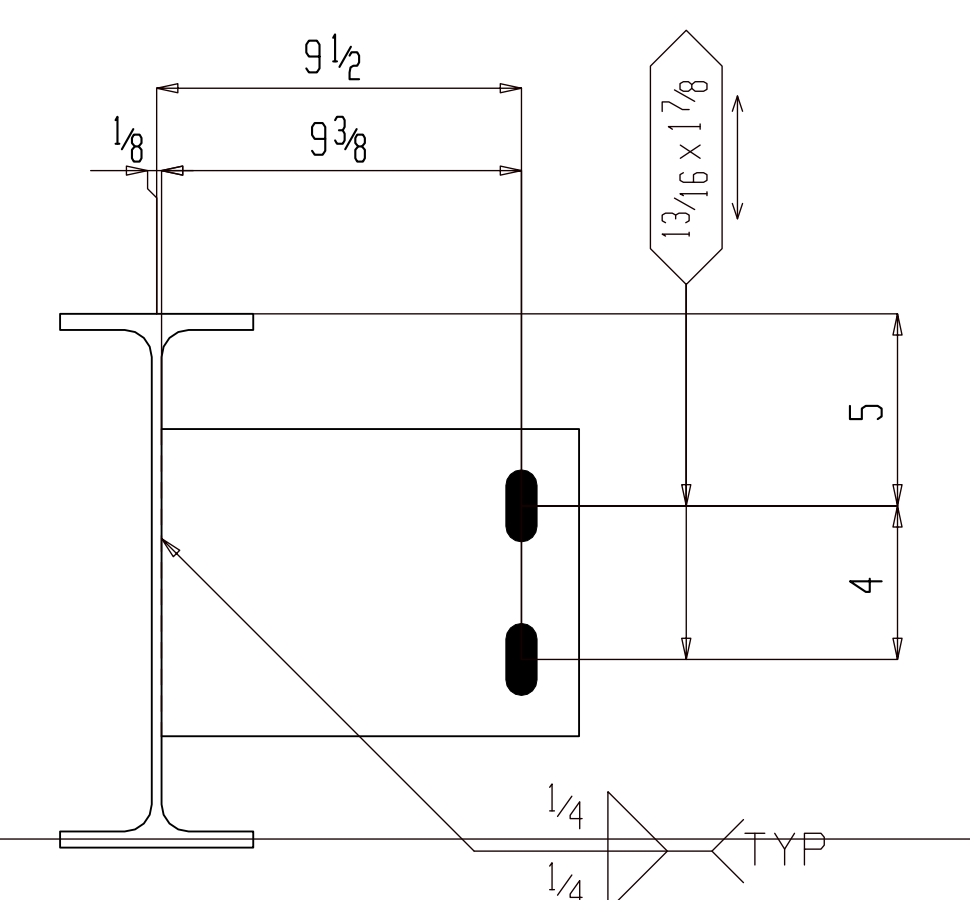
GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	04-04-22	JOB NAME	2210	2210
CHECKER	AKM	JOB LOCATION	MILWAUKEE STATION APARTMENTS	
APPROVED	ALN		GREAT FALLS, MONTANA	03B310

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B311		BEAM				526	526
1		03B311	W14x26	A992		19-3	501	501
15		st24	TWS <sup>3/8</sup>	A108		3	0	4
1		p745	PL <sup>5/16</sup> x4	A36		9	3	3
2		p1190	PL <sup>3/8</sup> x8	A36		107/8	9	19
							<b>FIELD BOLTS</b>	
6			3/4 Dia A325N		+1HD WASH	13/4		



Section B-B  
03B311



ONE BEAM 03B311

W	13 <sup>7/8</sup> x <sup>1/4</sup>
F	5x <sup>7/16</sup>
K	1 <sup>1/8</sup> x <sup>13/16</sup>

(E REFER: E301)

ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	Section A-A SP2		
FINISH	1SC PRIMER	03B311	
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE

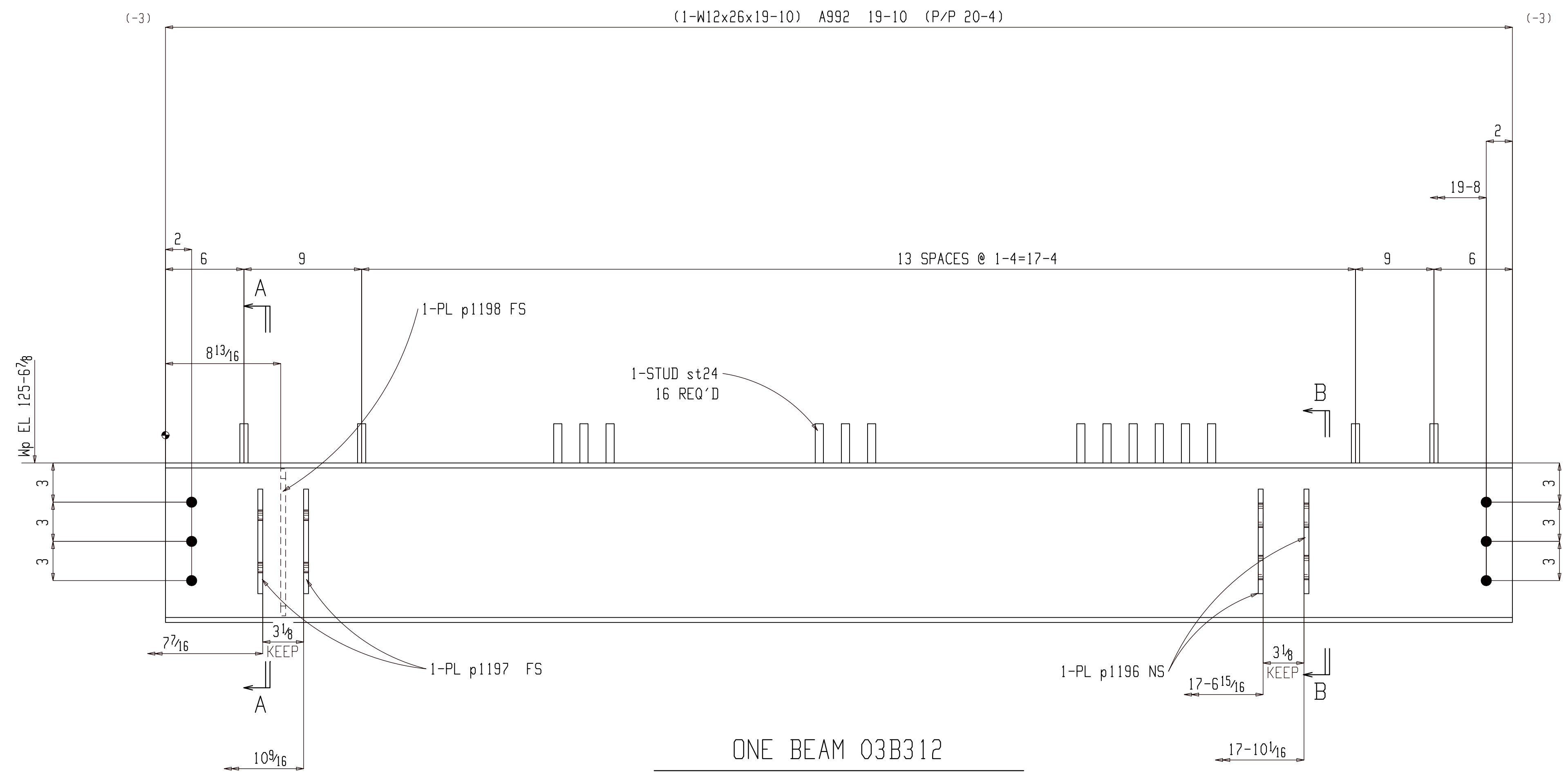


GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	AKM	JOB NAME	2210	A
04-04-22		MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION	DWG NO	
04-04-22		GREAT FALLS, MONTANA	03B311	



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	03B312		BEAM					557	557
1		03B312	W12x26	A992		19-10		516	516
16		st24	TWS <sup>5/8</sup>	A108		3		0	4
2		p1197	PL <sup>3/8</sup> x8	A36		9 <sup>7/8</sup>		8	17
2		p1196	PL <sup>3/8</sup> x8	A36		9 <sup>7/8</sup>		8	17
1		p1198	PL <sup>3/8</sup> x3	A36		11 <sup>1/4</sup>		4	4
FIELD BOLTS									
6			3/4 Dia A325N		+1HD WASH			1 1/2	

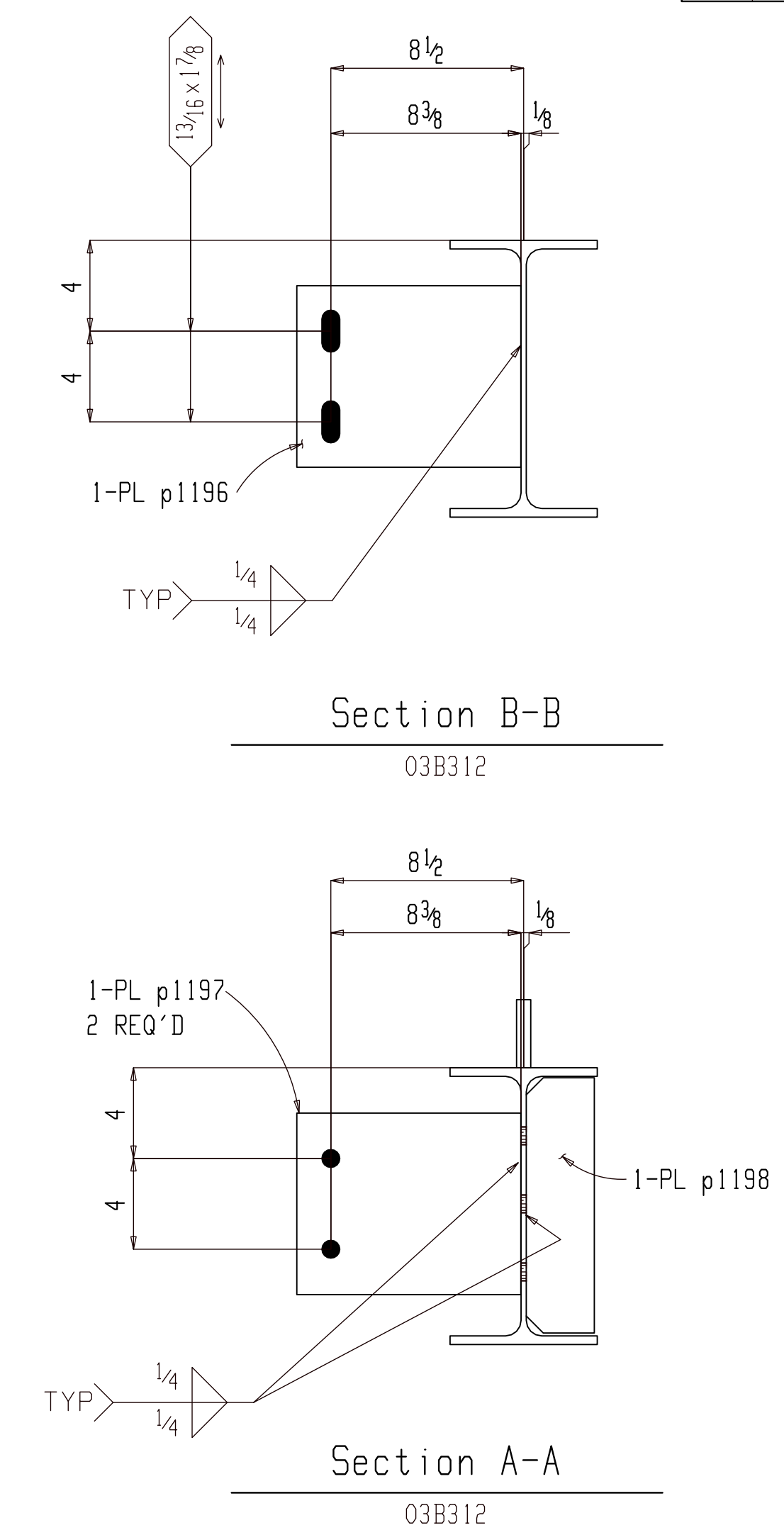


ONE BEAM 03B312

W	12 <sup>3/16</sup> x <sup>1/4</sup>
F	6 <sup>1/2</sup> x <sup>3/8</sup>
K	1 <sup>1/16</sup> x <sup>13/16</sup>

(E REFER: E301)

1SC PRIMER



### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

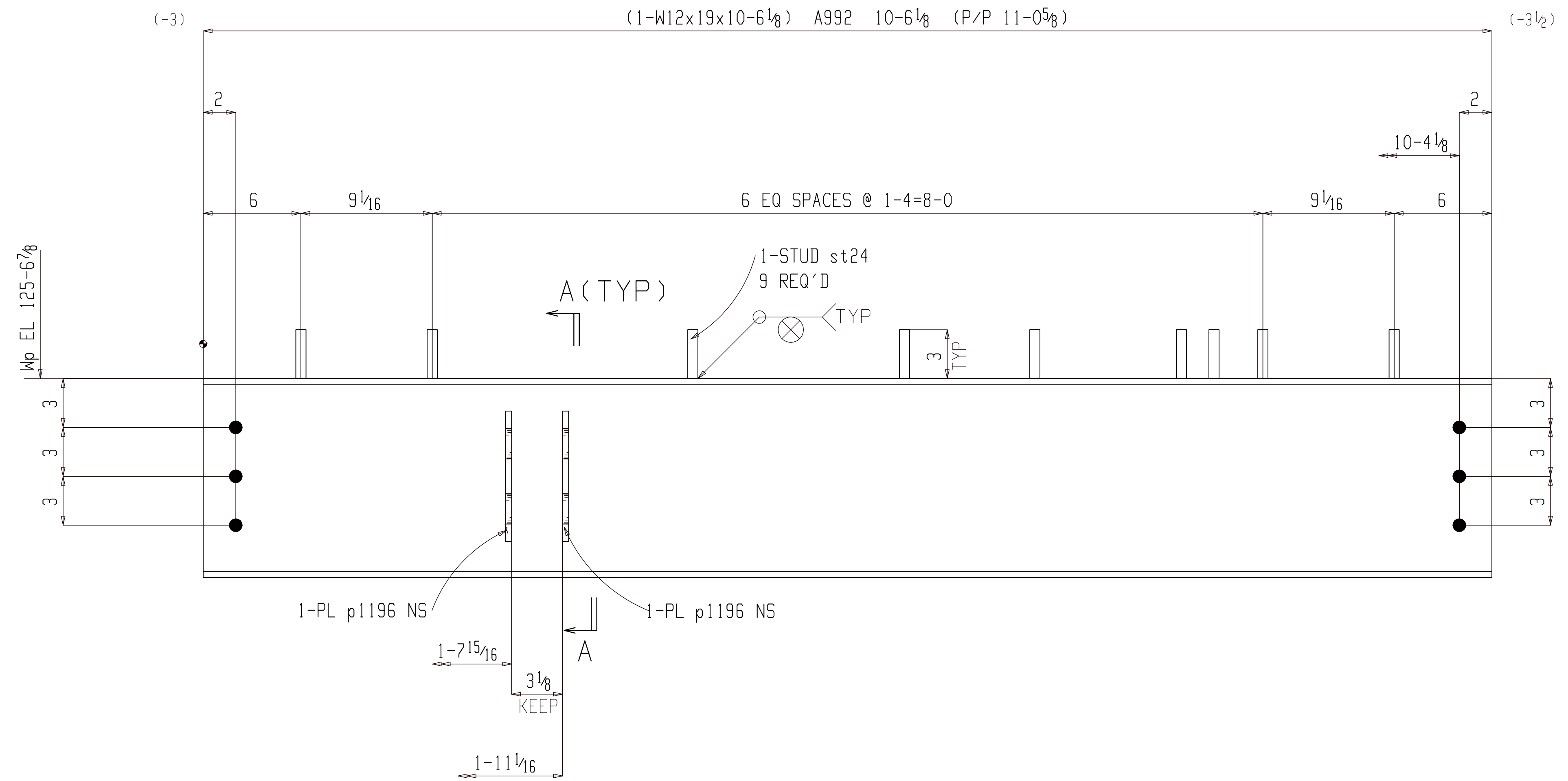
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DRAWN	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	03B312
CHECKER	ALN				
APPROVED	04-04-22				

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B313		BEAM				219	219
1		03B313	W12x19	A992		10-6 1/8	200	200
9		st24	TWS 3/8	A108		3	0	2
2		p1196	PL 3/8x8	A36		9 7/8	8	17
			FIELD BOLTS					
6			3/4 Dia A325N		+1HD WASH		1 3/4	

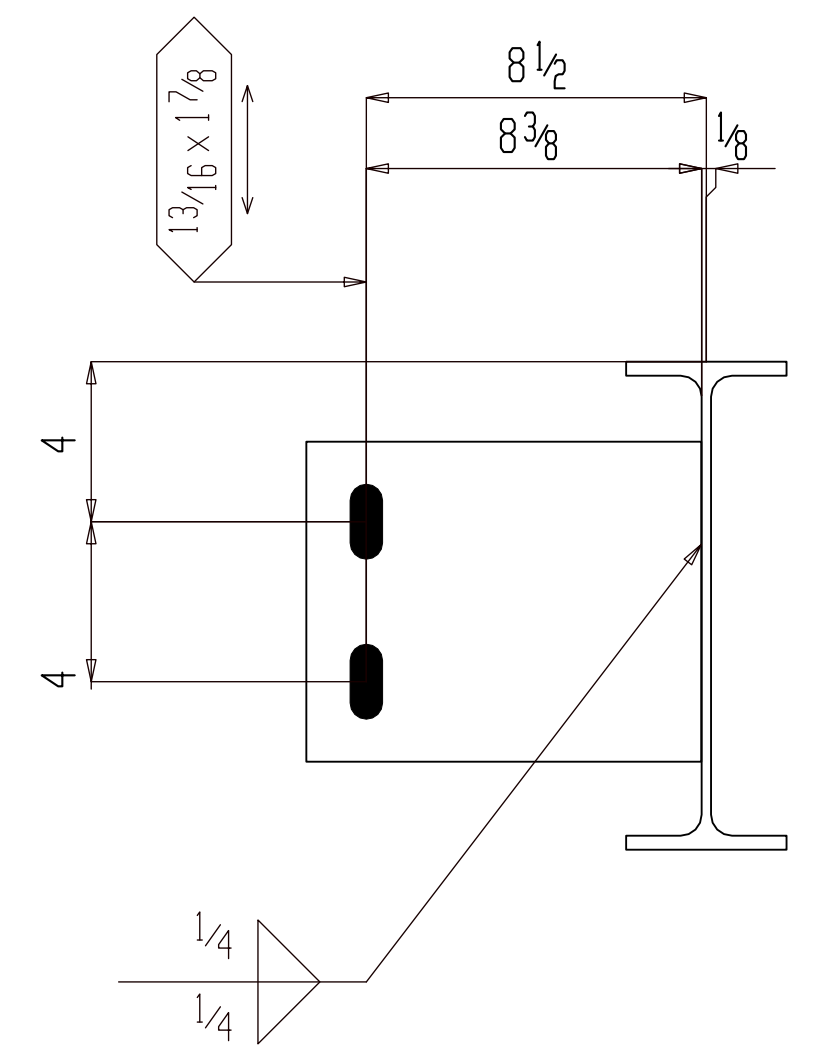


ONE BEAM 03B313

W	12 3/16 x 1/4
F	4 x 3/8
K	7/8 x 5/8

(E REFER: E301)

ISC PRIMER



Section A-A  
03B313

FOR APPROVAL

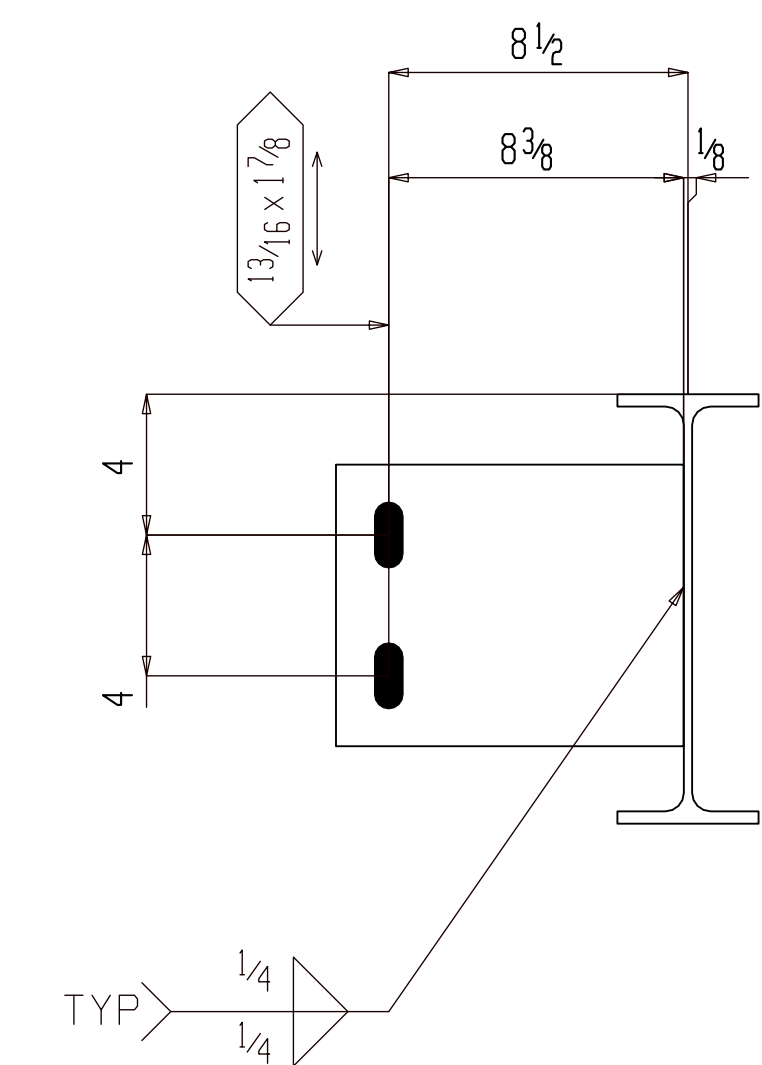
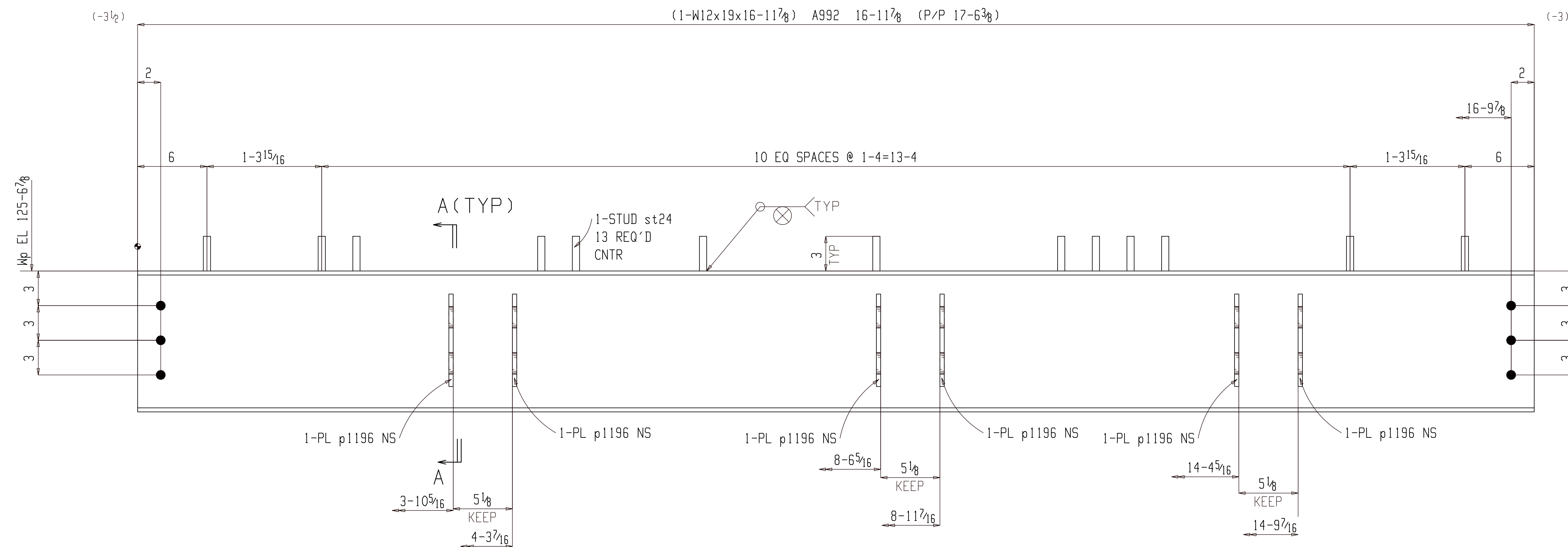
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
REV	DESCRIPTION		DATE

GENERAL ARRANGEMENT		PROJECT NO	2210	REV	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	DWG NO	03B313
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B314		BEAM				377	377
1		03B314	W12x19	A992		16-11 <sup>7</sup> / <sub>8</sub>	323	323
13		st24	TWS <sup>3</sup> / <sub>8</sub>	A108		3	0	3
6		p1196	PL <sup>3</sup> / <sub>8</sub> x8	A36		9 <sup>7</sup> / <sub>8</sub>	8	50
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



Section A-A

03B314

ONE BEAM 03B314

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	4 x 3/8
K	7/8 x 5/8

(E REFER: E301)

1SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

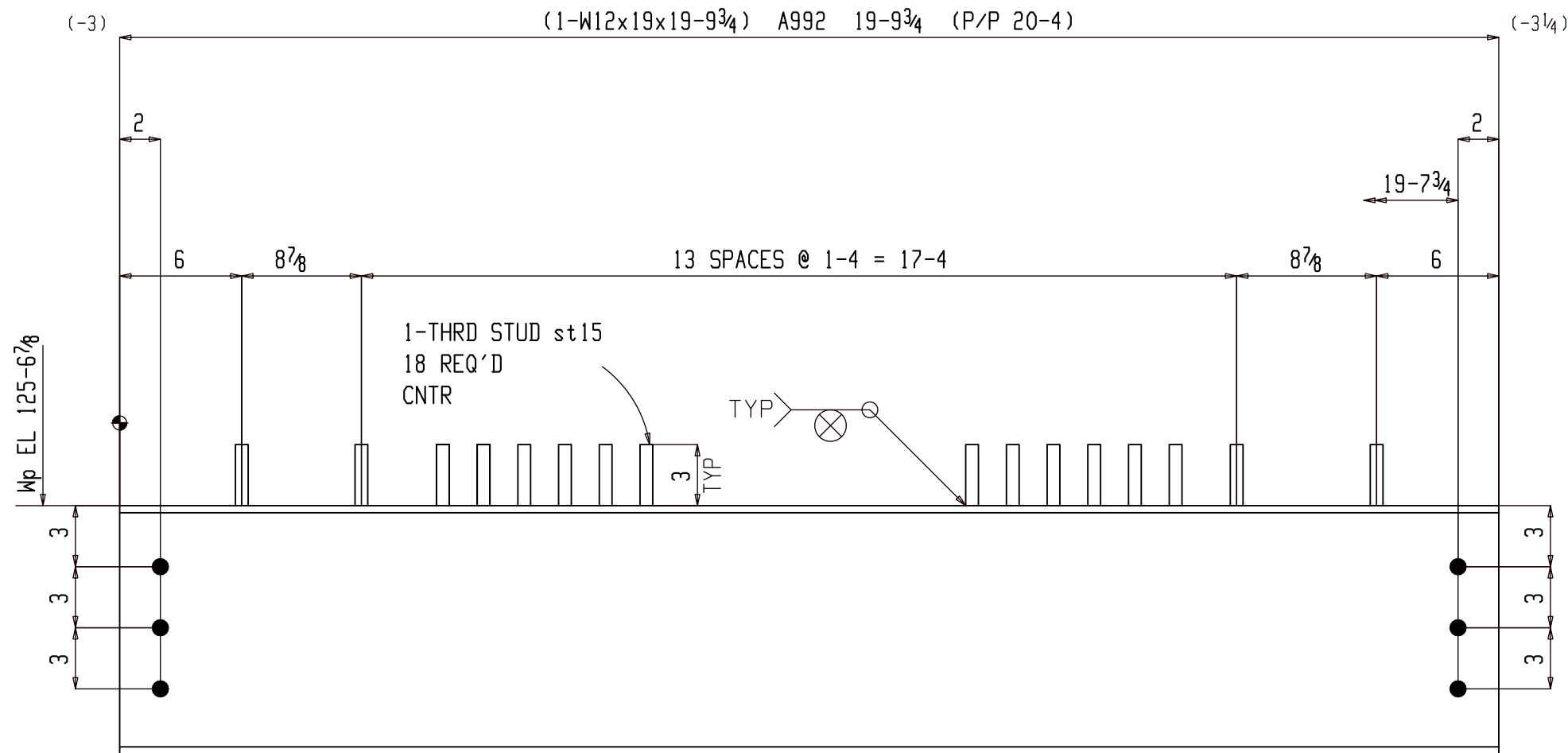
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	03B314

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B315		BEAM				381	381
1		03B315	W12x19	A992		19-9 <sup>3</sup> / <sub>4</sub>	376	376
18		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	5
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



### ONE BEAM 03B315

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	4 x 3/8
K	7/8 x 5/8

(E REFER: E301)

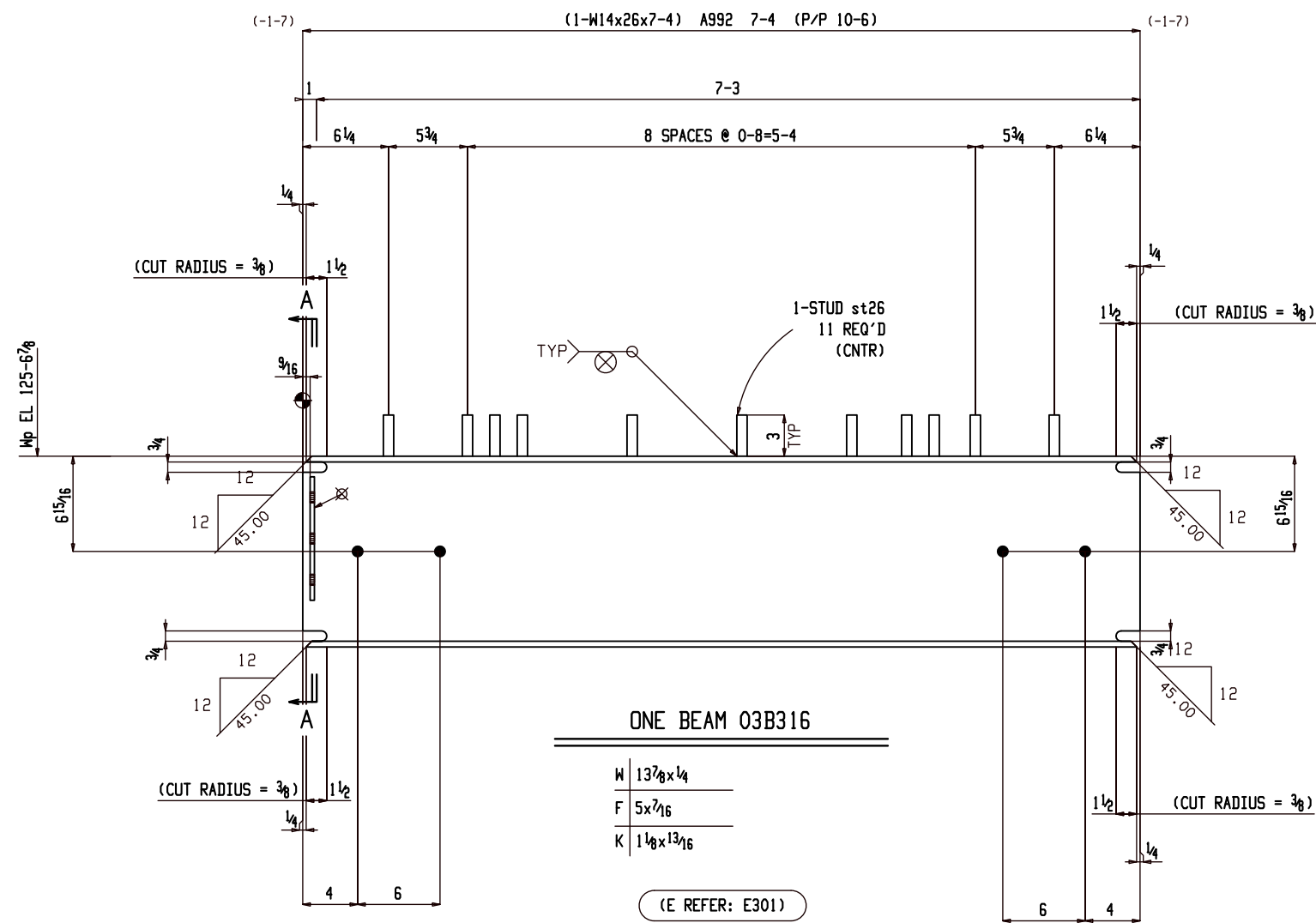
1SC PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	04-04-22	JOB NAME	2210	▲
CHECKER	ALN	MILWAUKEE STATION APARTMENTS		
APPROVED	04-04-22	GREAT FALLS, MONTANA	DWG NO	
			03B315	

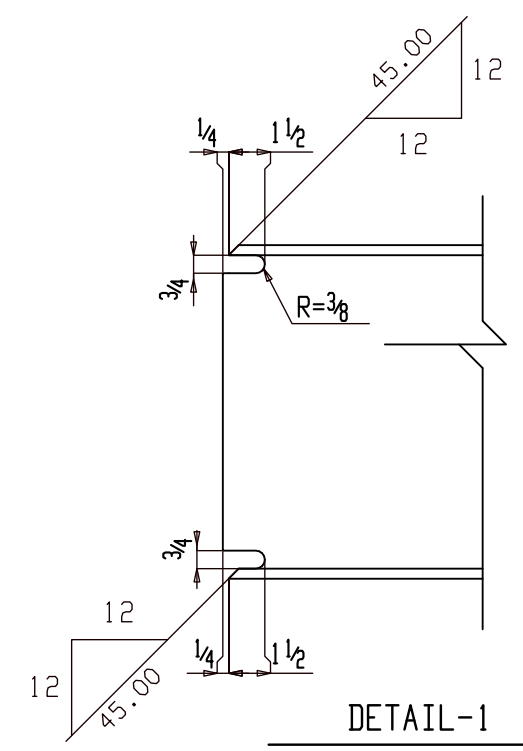
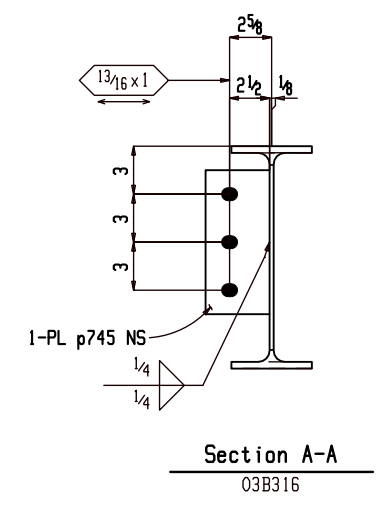


**ONE BEAM 03B316**

W	13 <sup>7</sup> / <sub>8</sub> x <sup>1</sup> / <sub>4</sub>
F	5x <sup>7</sup> / <sub>16</sub>
K	1 <sup>1</sup> / <sub>8</sub> x13 <sup>7</sup> / <sub>16</sub>

(E REFER: E301)

ISC PRIMER

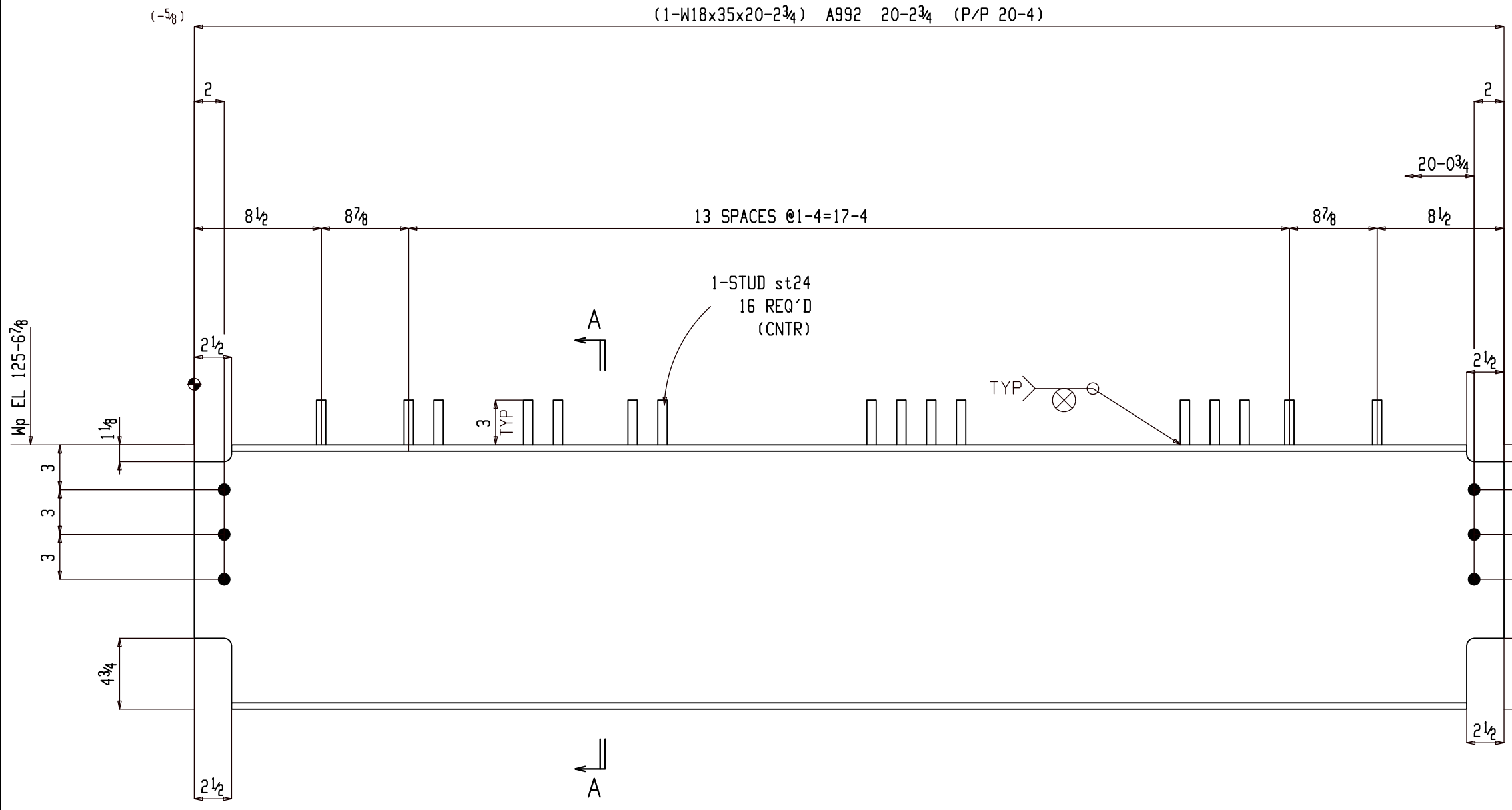


Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B316		BEAM				198	198
1		03B316	W14x26	A992		7-4	191	191
11		st26	TWS <sup>3</sup> / <sub>4</sub>	A108		3	0	4
1		p745	PL <sup>5</sup> / <sub>16</sub> x4	A36		9	3	3
FIELD BOLTS								
2			<sup>3</sup> / <sub>4</sub> Dia A307		+1HD		2	
					WASH			
2			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD		2	
					WASH			

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	<sup>13</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	ISC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
	REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT			PROJECT NO	2210
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	REV
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO
APPROVED	04-04-22			03B316

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B317		BEAM				712	712
1		03B317	W18x35	A992		20-2 <sup>3</sup> / <sub>4</sub>	708	708
16		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4
6			FIELD BOLTS					
			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



**ONE BEAM 03B317**

W	17 1 <sup>1</sup> / <sub>16</sub> x 5 <sup>5</sup> / <sub>16</sub>
F	6 x 7 <sup>1</sup> / <sub>16</sub>
K	1 1 <sup>1</sup> / <sub>8</sub> x 7 <sup>7</sup> / <sub>8</sub>

(E REFER: E301)

1SC PRIMER

**FOR APPROVAL**

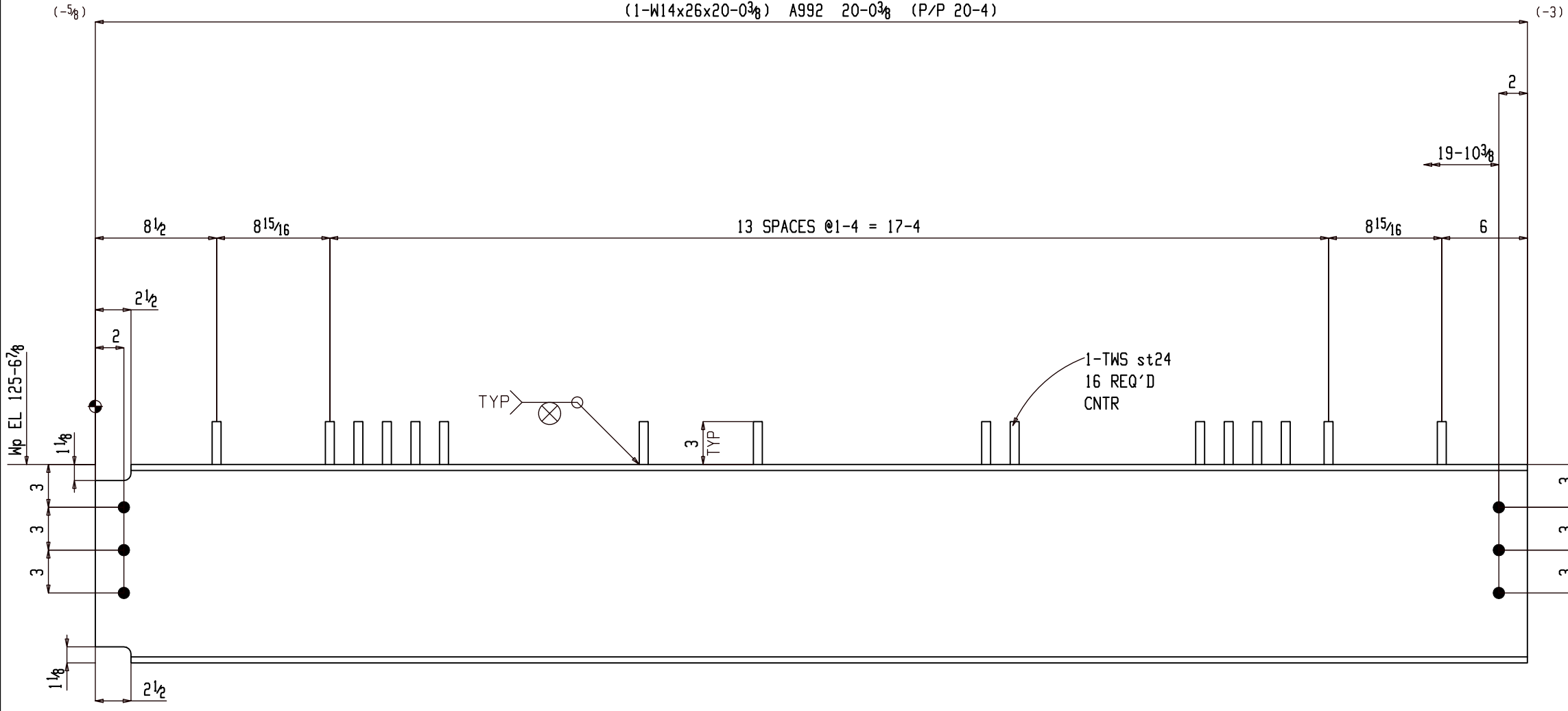
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
REV	DESCRIPTION		DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	03B317
CHECKER		ALN				
APPROVED		04-04-22				

Wp EL 125-6<sup>7</sup>/<sub>8</sub>

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	03B318		BEAM					525	525
1		03B318	W14x26	A992		20-0 <sup>3</sup> / <sub>8</sub>	521	521	
16		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	4	
			FIELD BOLTS						
6			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>			



ONE BEAM 03B318

W 13<sup>7</sup>/<sub>8</sub>x<sup>1</sup>/<sub>4</sub>  
 F 5x<sup>7</sup>/<sub>16</sub>  
 K 1<sup>1</sup>/<sub>8</sub>x<sup>13</sup>/<sub>16</sub>

(E REFER: E301)

1SC PRIMER

**FOR APPROVAL**

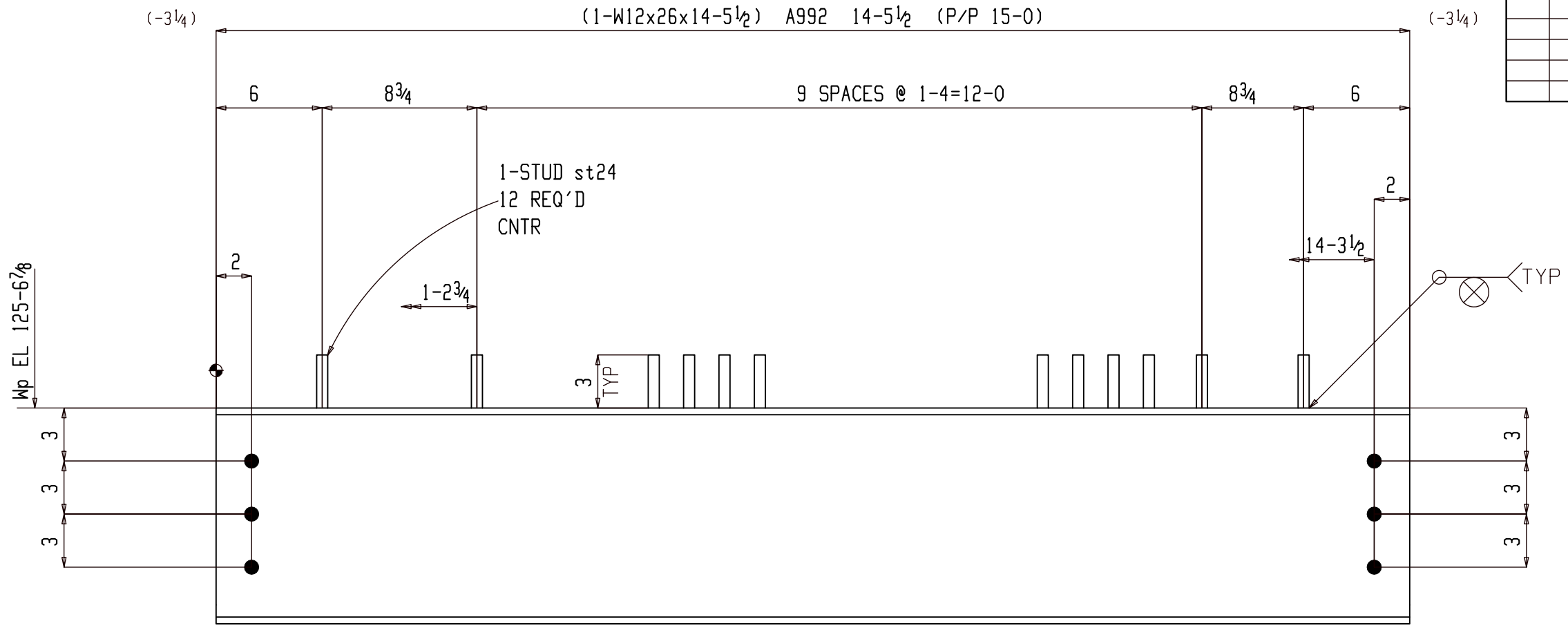
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	03B318		
CHECKER	ALN						
APPROVED	04-04-22						

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight Total
ONE	03B319		BEAM					379	379
1		03B319	W12x26	A992		14-5 1/2		376	376
12		st24	TWS 5/8	A108		3		0	3
FIELD BOLTS									
6			3/4 Dia A325N		+1HD WASH	1 1/2			



ONE BEAM 03B319

W	12 3/16 x 1/4
F	6 1/2 x 3/8
K	1 1/16 x 13/16

(E REFER: E301)

1SC PRIMER

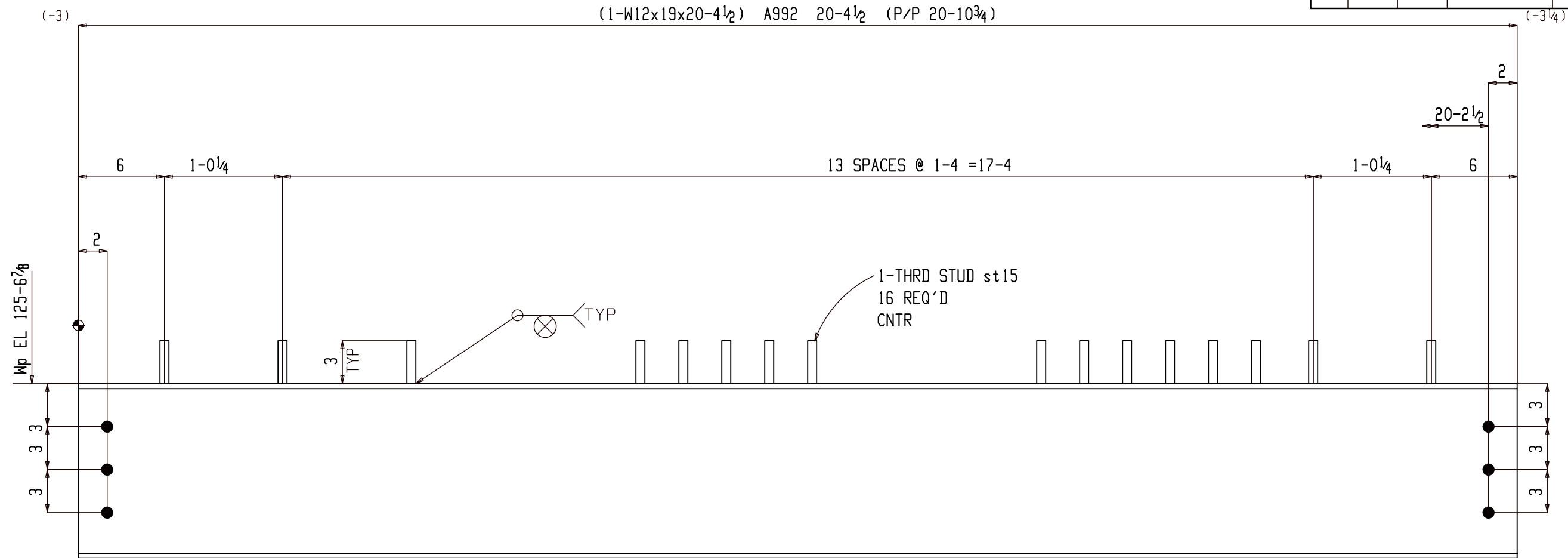
FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE

DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		03B319	
CHECKER		ALN									
APPROVED		04-04-22									



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B320		BEAM				391	391
1		03B320	W12x19	A992		20-4 1/2	387	387
16		st24	TWS 5/8	A108		3	0	4
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 3/4		



### ONE BEAM 03B320

W	12 3/16 x 1/4
F	4 x 3/8
K	7/8 x 5/8

(E REFER: E301)

ISC PRIMER

### FOR APPROVAL

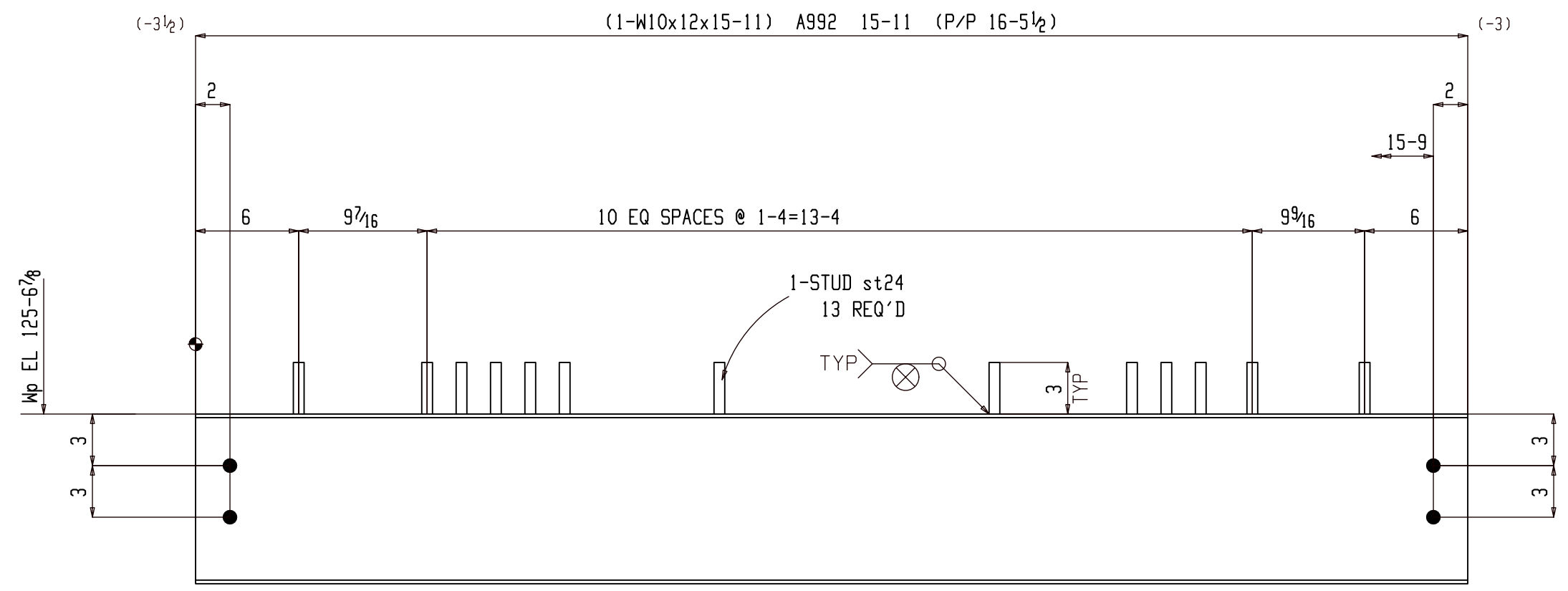
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		03B320	
CHECKER		ALN		APPROVED		04-04-22					

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B321		BEAM				194	194
1		03B321	W10x12	A992		15-11	191	191
13		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
4			3/4 Dia A325N		+1HD WASH	1 1/2		



**ONE BEAM 03B321**

W	9 7/8 x 3/16
F	3 15/16 x 3/16
K	3/4 x 5/8

(E REFER: E301)

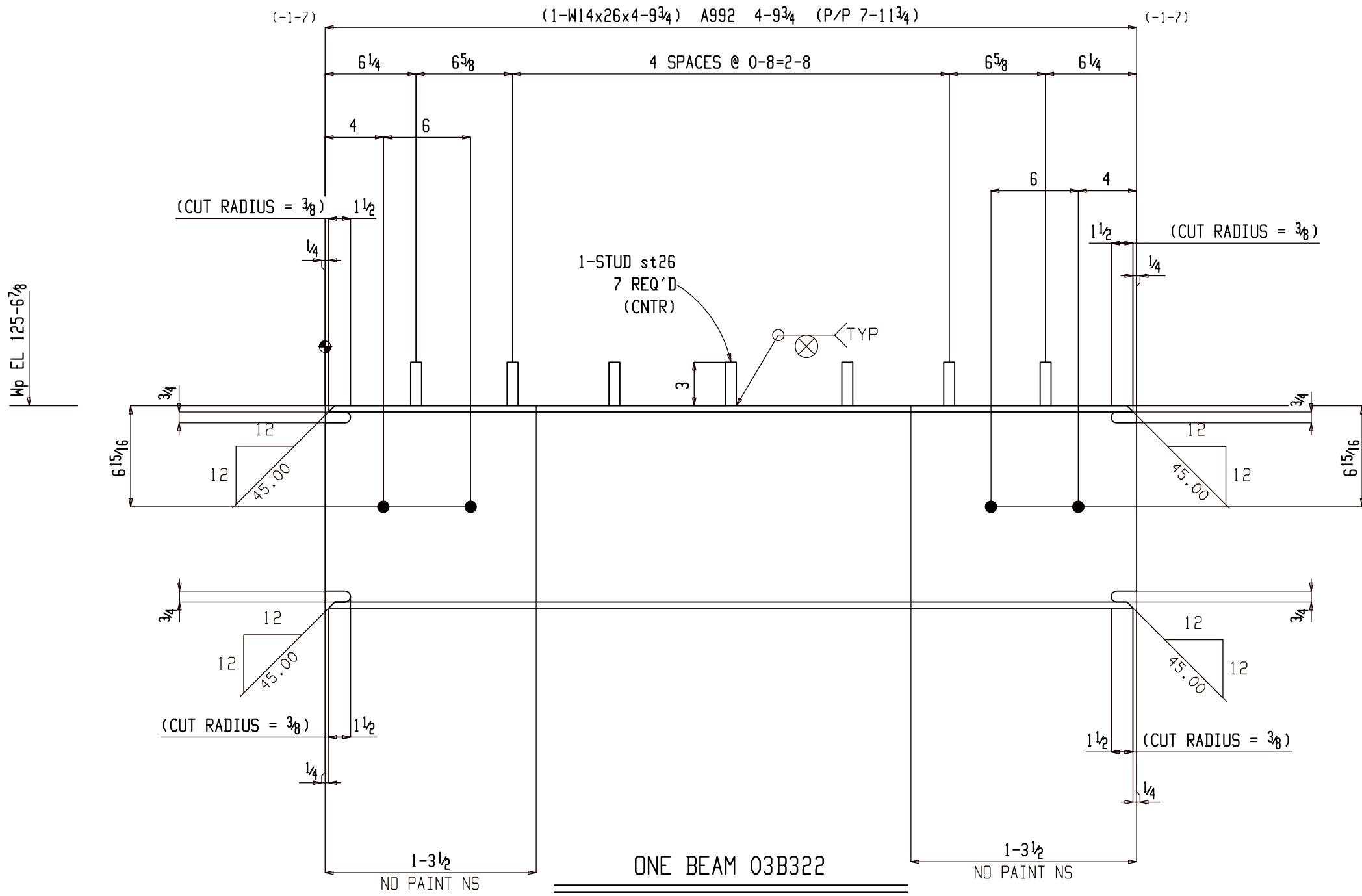
1SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

PROJECT NO 2210  
JOB NAME MILWAUKEE STATION APARTMENTS  
JOB LOCATION GREAT FALLS, MONTANA  
DATE 04-04-22  
CHECKER ALN  
APPROVED 04-04-22



W	13 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 x 7/16
K	1 1/8 x 13/16

(E REFER: E301)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B322		BEAM				128	128
1		03B322	W14x26	A992		4-9 <sup>3</sup> / <sub>4</sub>	125	125
7		st26	TWS <sup>3</sup> / <sub>4</sub>	A108		3	0	3
FIELD BOLTS								
4			3/4 Dia A307			2		

### FOR APPROVAL

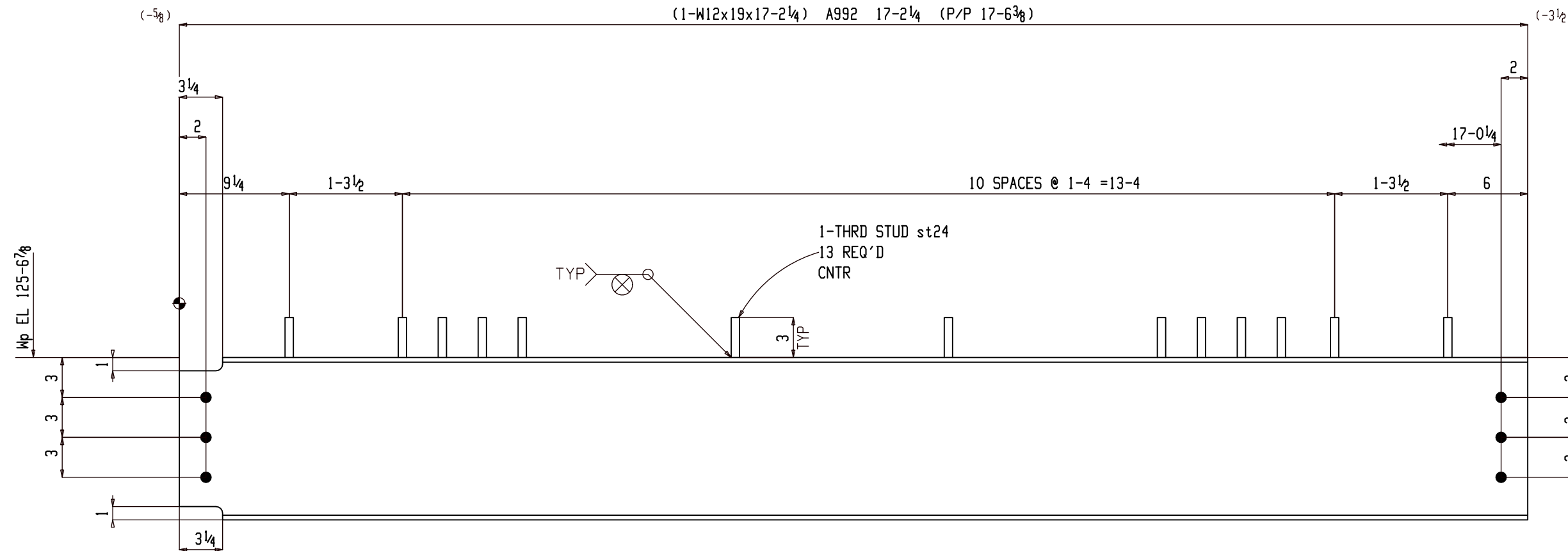
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B323		BEAM				330	330
1		03B323	W12x19	A992		17-2 <sup>1</sup> / <sub>4</sub>	327	327
13		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>3</sup> / <sub>4</sub>		



### ONE BEAM 03B323

- W 12<sup>3</sup>/<sub>16</sub> x 1/4
- F 4 x 3/8
- K 7/8 x 5/8

(E REFER: E301)

1SC PRIMER

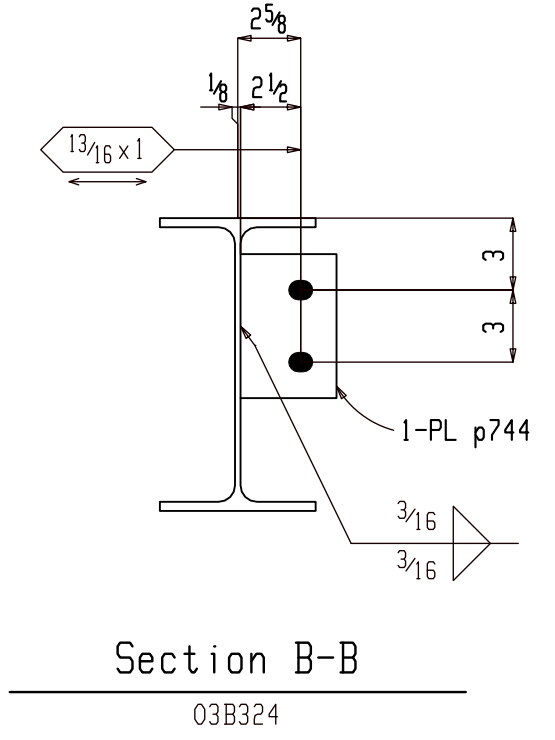
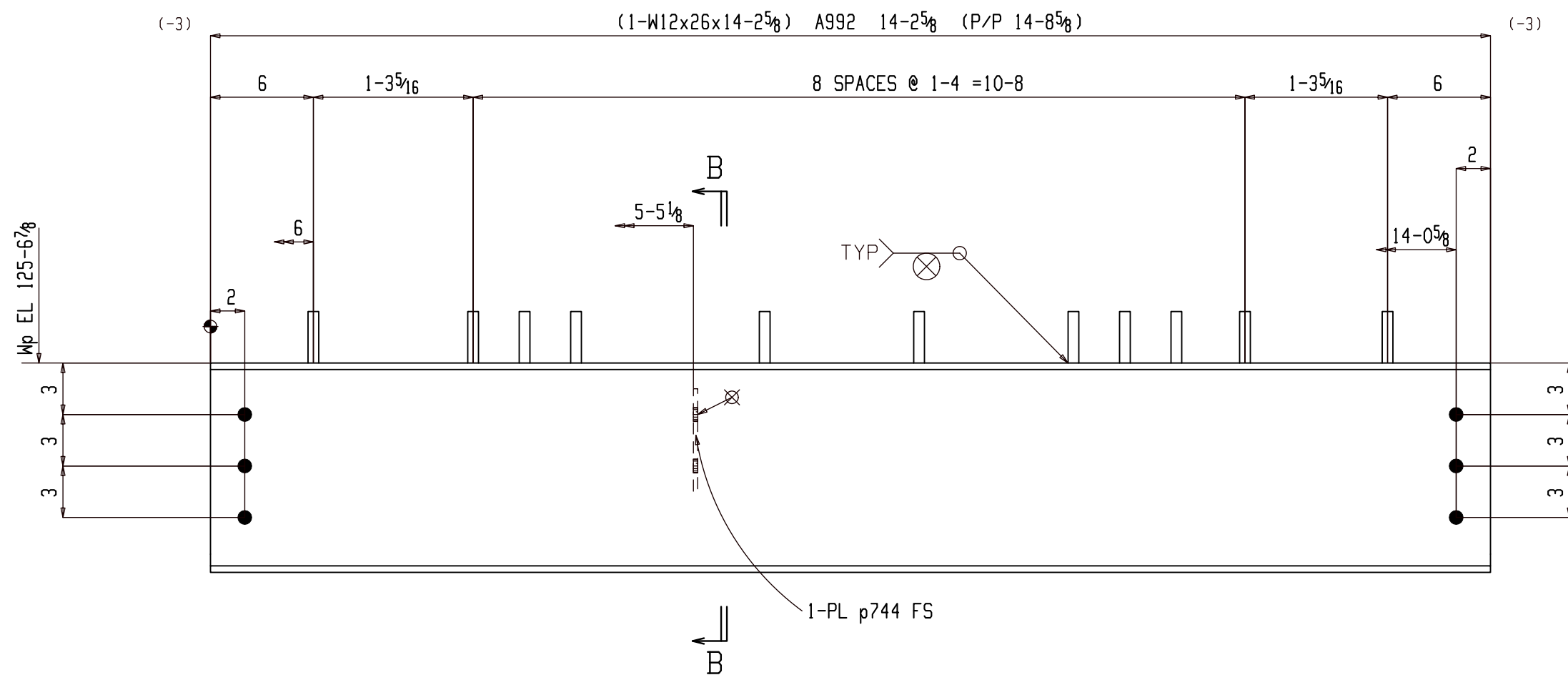
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER	ALN		
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	03B324		BEAM					374	374
1		03B324	W12x26	A992		14-2 <sup>5</sup> / <sub>8</sub>	370	370	
11		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3	
1		p744	PL 1/4x4	A36		6	2	2	
FIELD BOLTS									
6			3/4 Dia A325N		+1HD WASH	1 1/2			



ONE BEAM 03B324

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 <sup>1</sup> / <sub>2</sub> x 3/8
K	1 <sup>1</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>

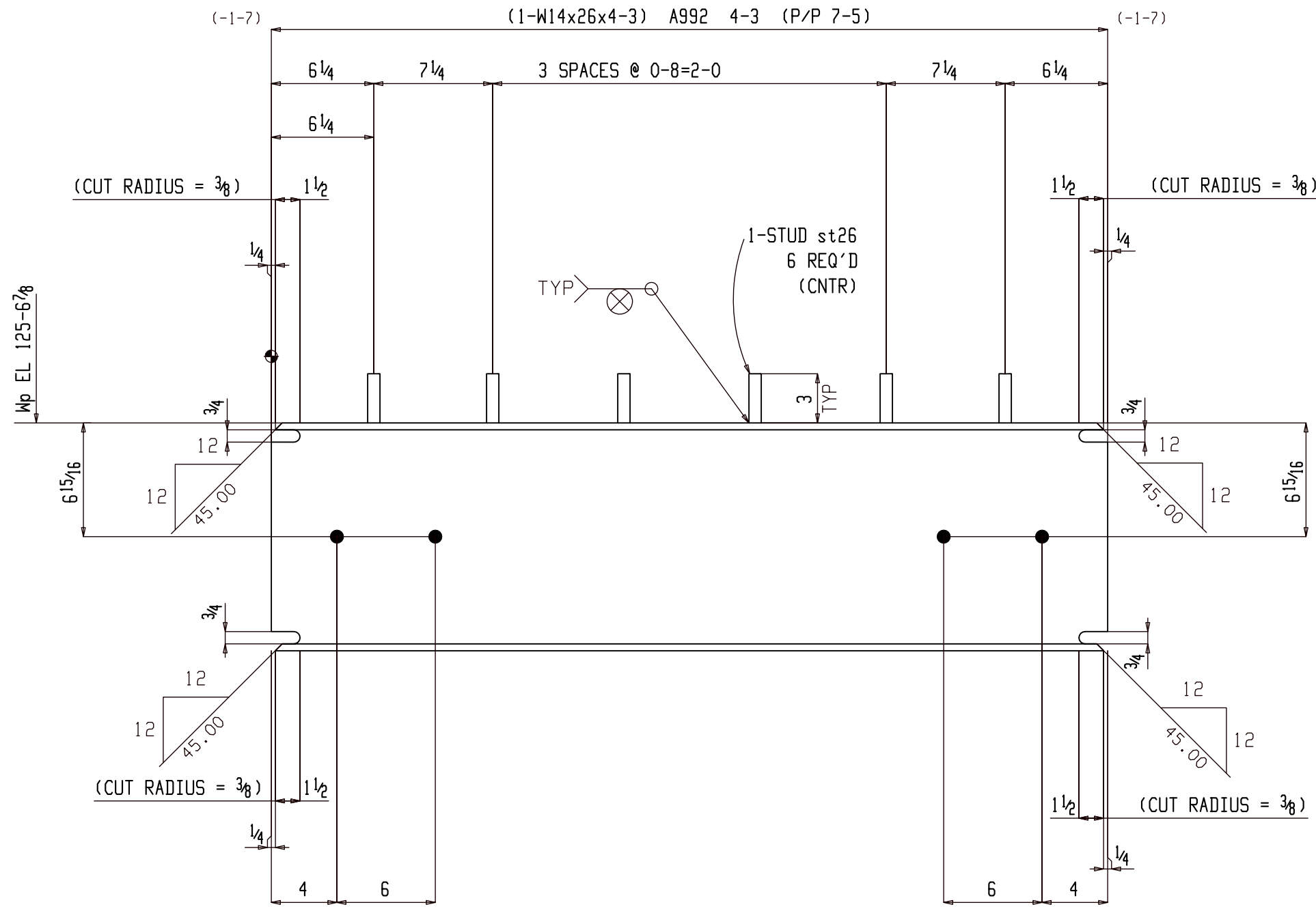
FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE

DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	03B324
CHECKER		ALN				
APPROVED		04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B325		BEAM				113	113
1		03B325	W14x26	A992		4-3	111	111
6		st26	TWS <sup>3/4</sup>	A108		3	0	2
FIELD BOLTS								
4			3/4 Dia A307			2		



ONE BEAM 03B325

W	13 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 x 7/16
K	1 1/8 x 13/16

(E REFER: E301)

1SC PRIMER

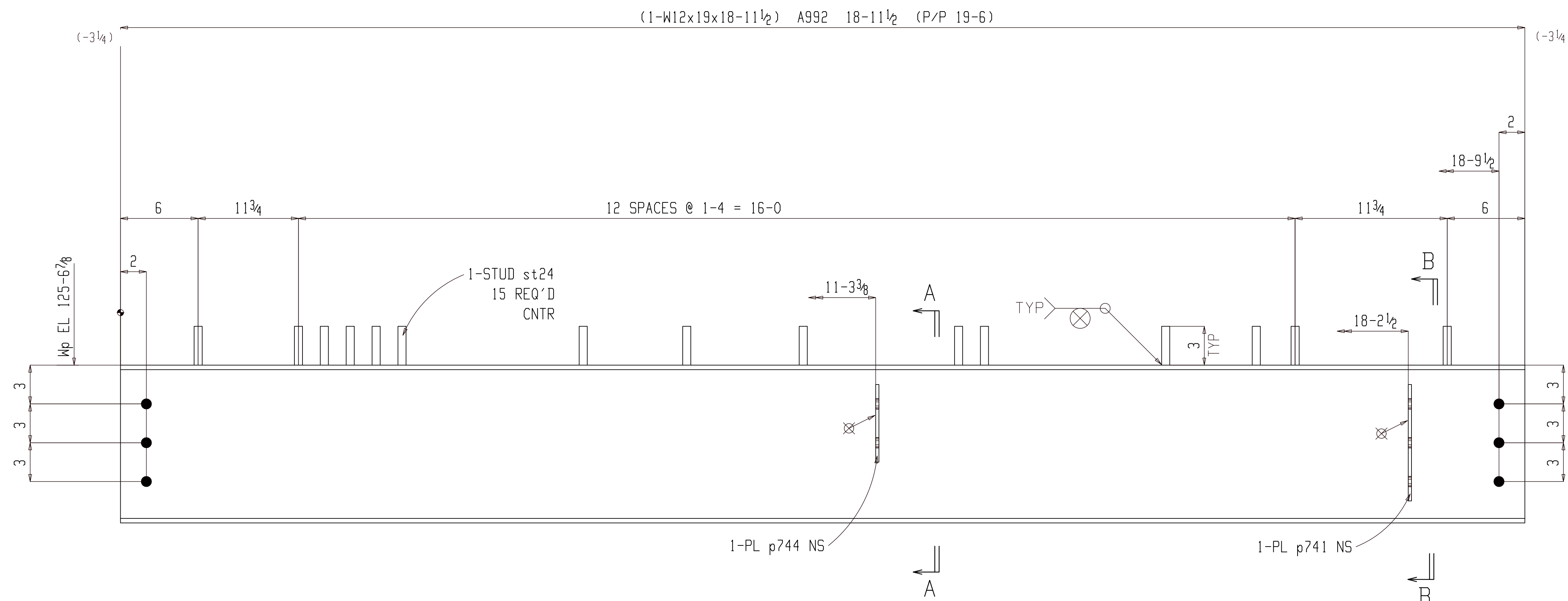
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

DETAILER AKM		JOB NAME MILWAUKEE STATION APARTMENTS		PROJECT NO 2210	REV
DATE 04-04-22		JOB LOCATION GREAT FALLS, MONTANA		DWG NO 03B325	
CHECKER ALN					
APPROVED 04-04-22					

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B326		BEAM				368	368
1		03B326	W12x19	A992		18-11 $\frac{1}{2}$	360	360
15		st24	TWS $\frac{5}{8}$	A108		3	0	4
1		p744	PL $\frac{1}{4}$ x4	A36		6	2	2
1		p741	PL $\frac{1}{4}$ x4	A36		9	3	3
			FIELD BOLTS					
6			$\frac{3}{4}$ Dia A325N		+1HD WASH		1 $\frac{3}{4}$	

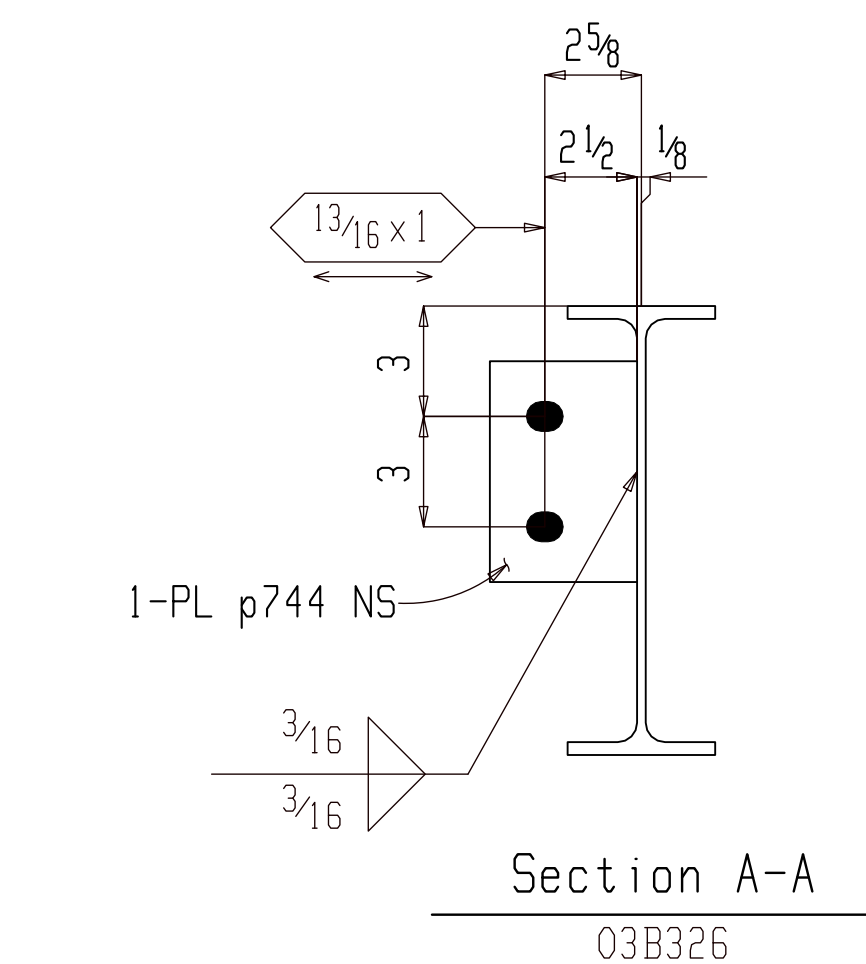
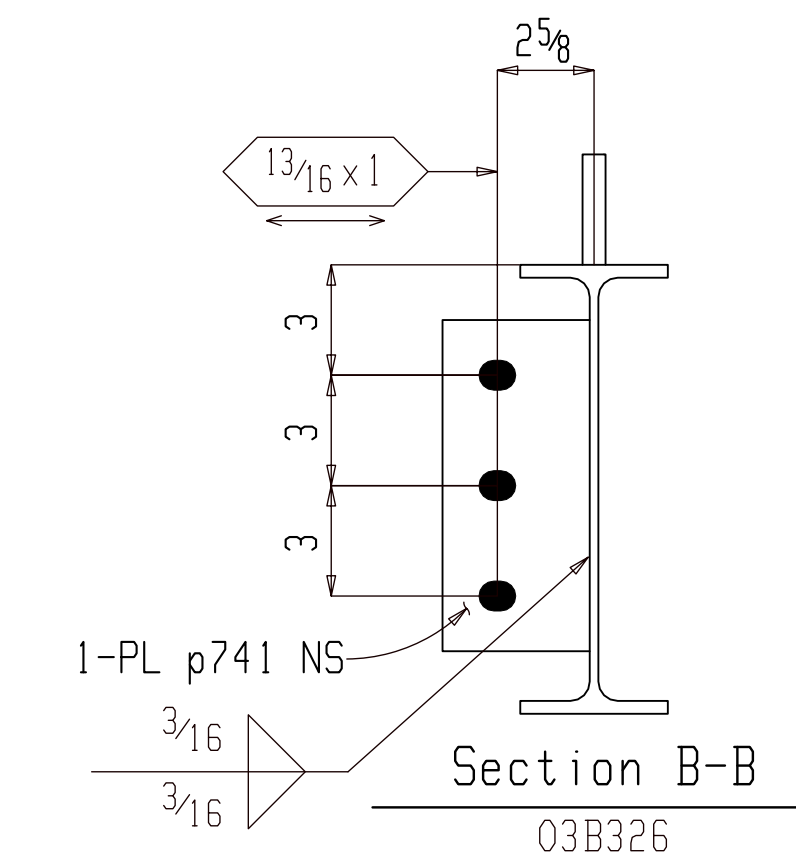


**ONE BEAM 03B326**

W	12 $\frac{3}{16}$ x $\frac{1}{4}$
F	4 x $\frac{3}{8}$
K	7 $\frac{7}{8}$ x $\frac{5}{8}$

(E REFER: E301)

1SC PRIMER



**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

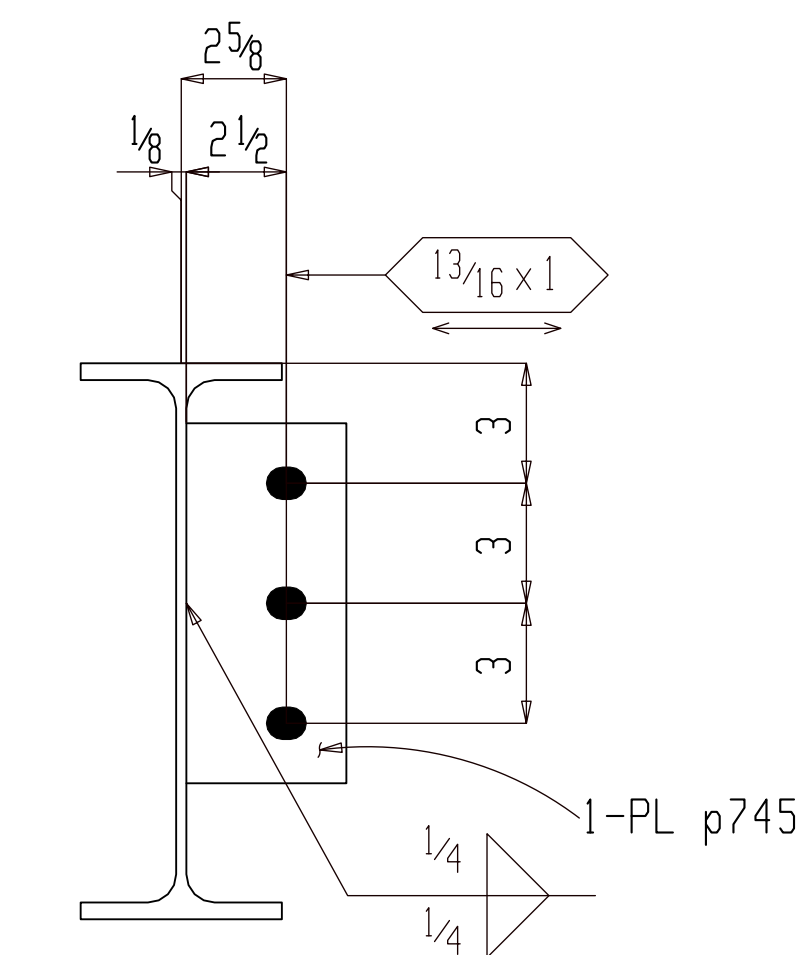
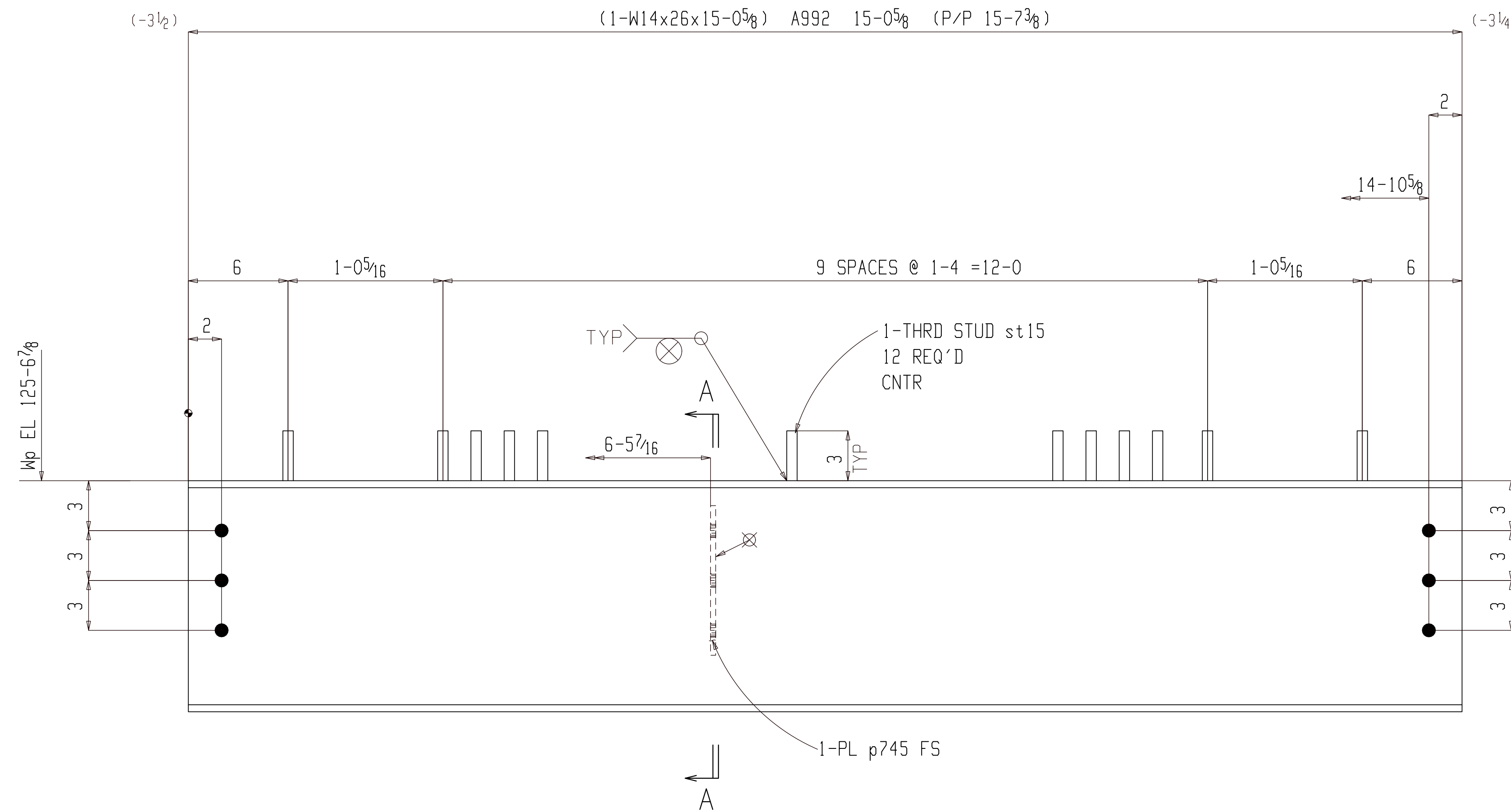
HOLES	1 $\frac{3}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	AKM	JOB NAME	2210	A
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22		GREAT FALLS, MONTANA	
			DWG NO	03B326

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B327		BEAM				398	398
1		03B327	W14x26	A992		15-0 <sup>5</sup> / <sub>8</sub>	391	391
1		p745	PL5 <sup>1</sup> / <sub>8</sub> x4	A36		9	3	3
12		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH		1 <sup>3</sup> / <sub>4</sub>	



Section A-A  
03B327

**ONE BEAM 03B327**

W	13 <sup>7</sup> / <sub>8</sub> x 1/4
F	5 x 7/16
K	1 1/8 x 13/16

(E REFER: E301)

1SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

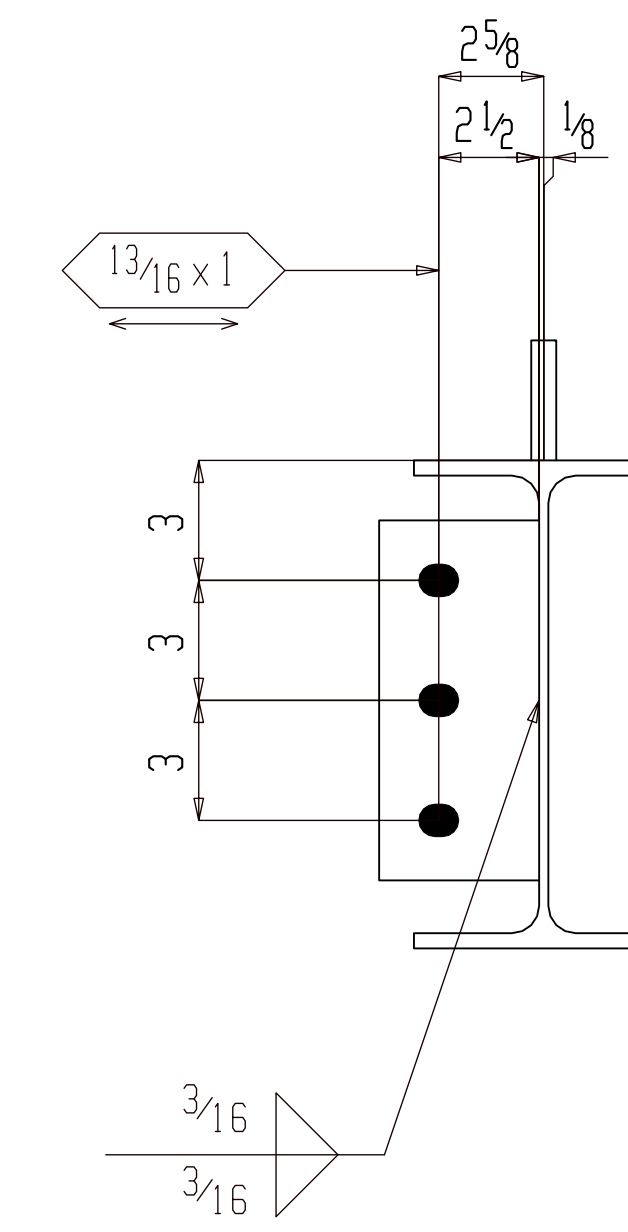
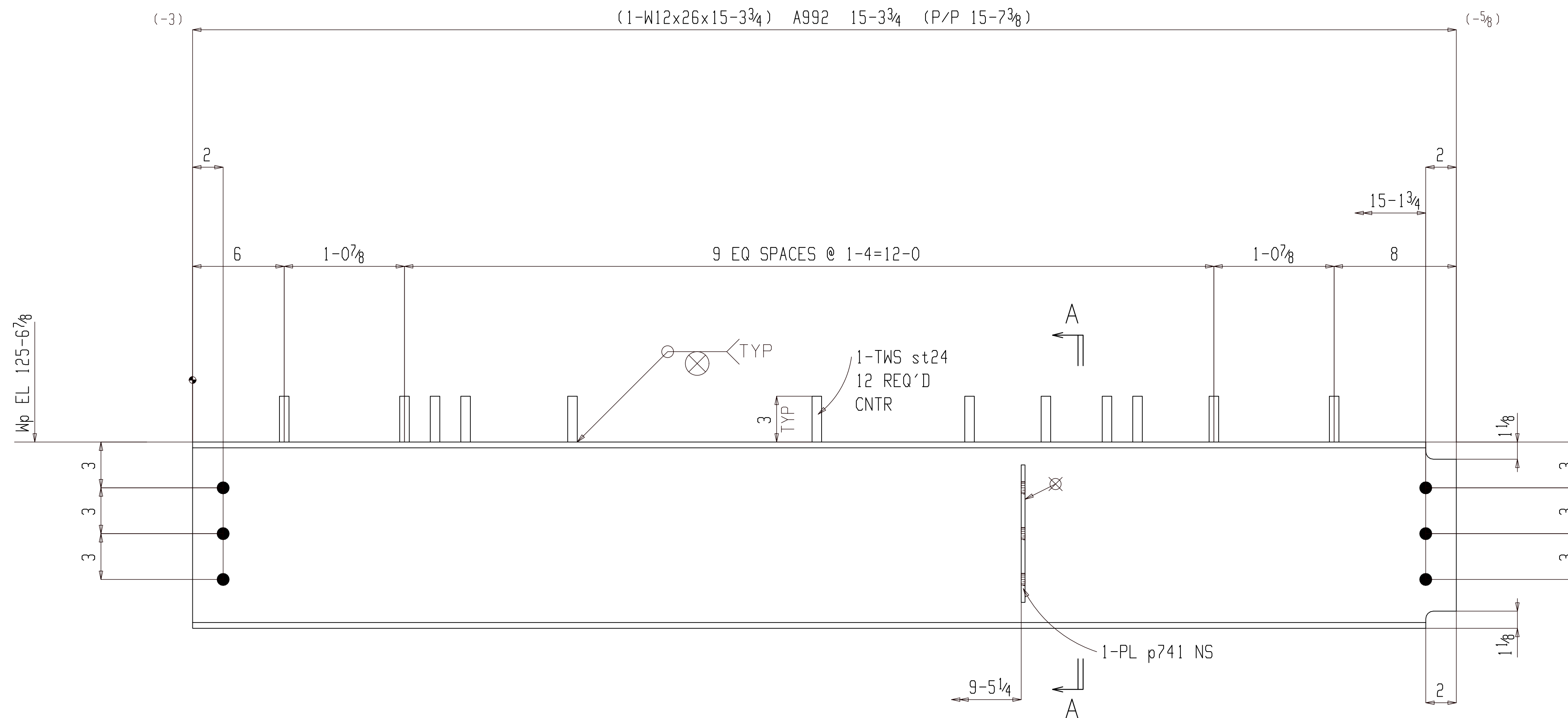


GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO	03B327



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B328		BEAM				404	404
1		03B328	W12x26	A992		15-3 <sup>3</sup> / <sub>4</sub>	398	398
12		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
1		p741	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	3
			FIELD BOLTS					
6			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		



### ONE BEAM 03B328

W	12 <sup>3</sup> / <sub>16</sub> x <sup>1</sup> / <sub>4</sub>
F	6 <sup>1</sup> / <sub>2</sub> x <sup>3</sup> / <sub>8</sub>
K	1 <sup>1</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E301)

1SC PRIMER

### FOR APPROVAL

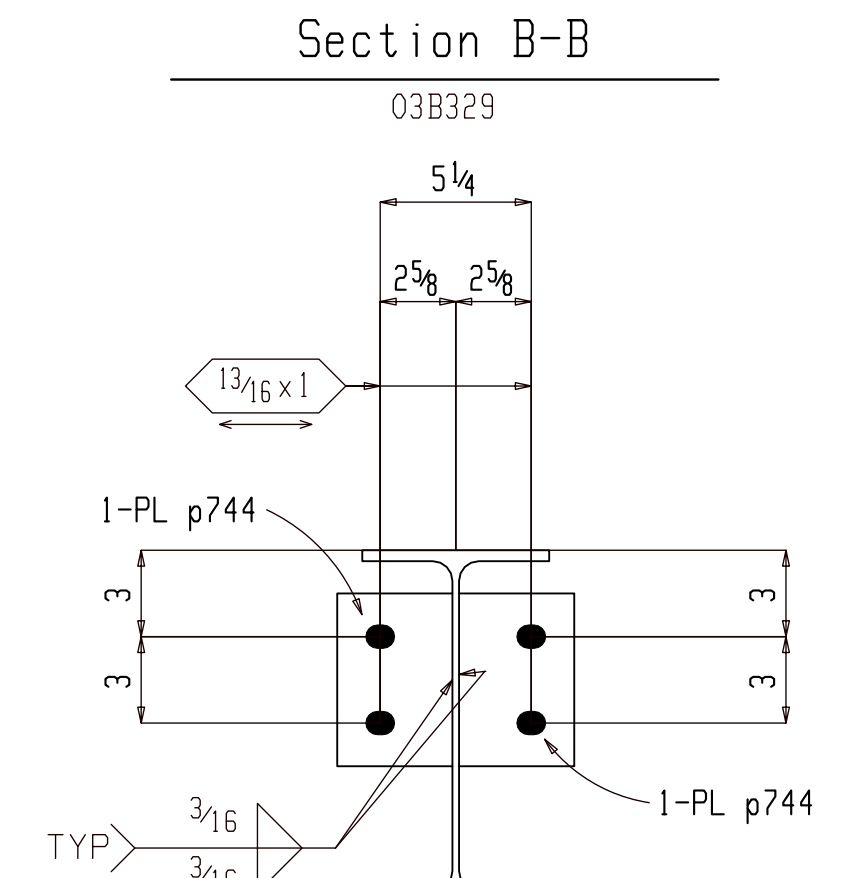
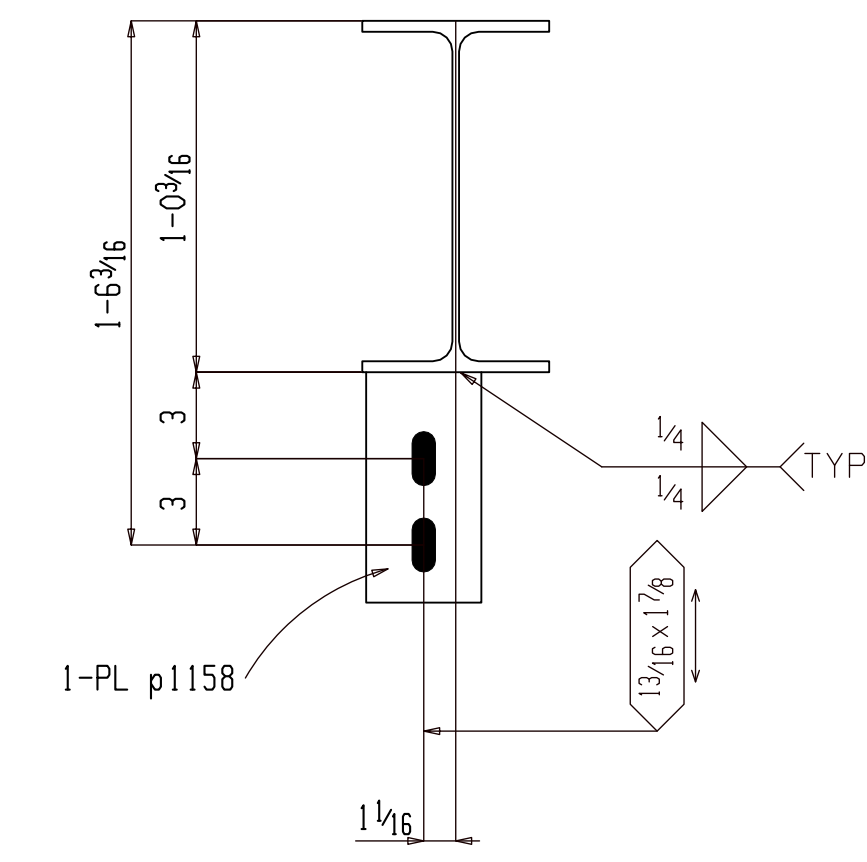
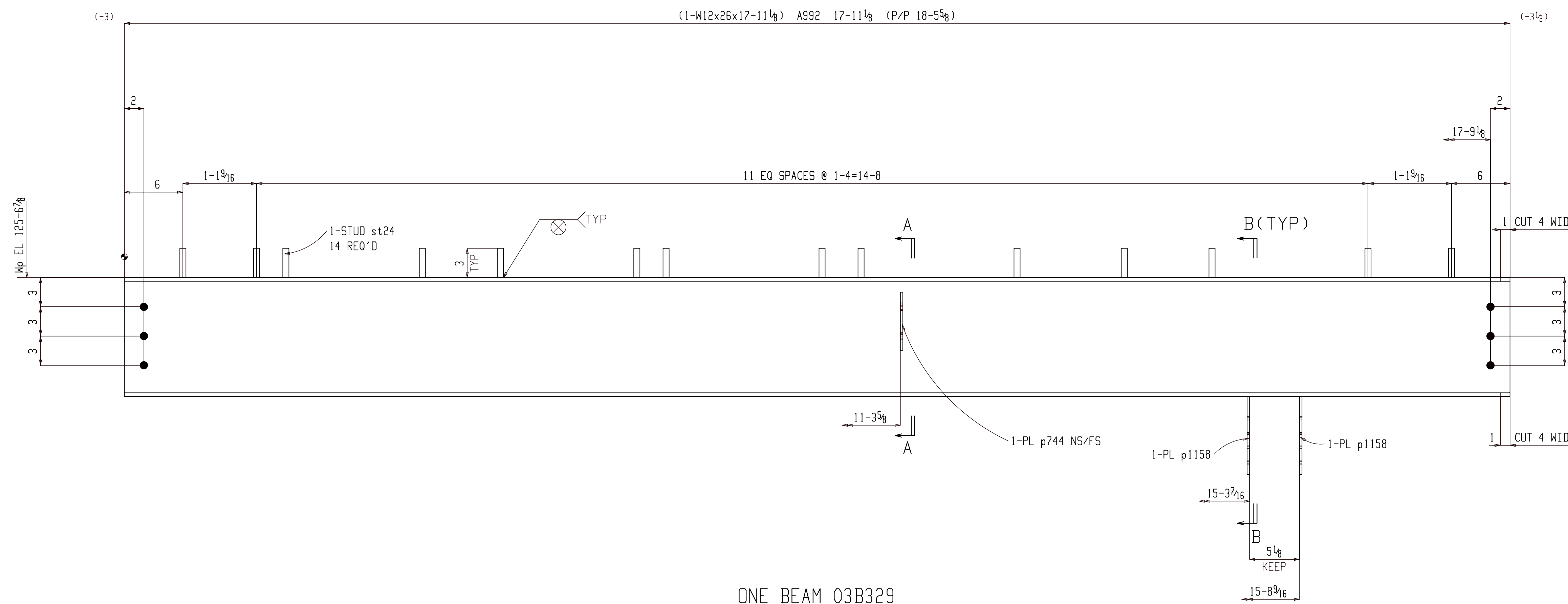
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION DATE	05-06-22



GENERAL ARRANGEMENT			PROJECT NO	REV
DRAWN	AKM	JOB NAME	2210	A
DATE	04-04-22	MILWAUKEE STATION APARTMENTS	DWG NO	
CHECKER	ALN	JOB LOCATION	03B328	
APPROVED	04-04-22	GREAT FALLS, MONTANA		

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	03B329		BEAM					478	478
1		03B329	W12x26	A992		17-11 <sup>1</sup> / <sub>8</sub>	466	466	
14		st24	TWS <sup>3</sup> / <sub>8</sub>	A108		3	0	4	
2		p1158	PL <sup>1</sup> / <sub>4</sub> x4	A36		8	2	5	
2		p744	PL <sup>1</sup> / <sub>4</sub> x4	A36		6	2	3	
FIELD BOLTS									
3			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD			1 <sup>3</sup> / <sub>4</sub>	
					WASH				
3			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD			1 <sup>1</sup> / <sub>2</sub>	
					WASH				



ONE BEAM 03B329

W	12 <sup>3</sup> / <sub>16</sub> x <sup>1</sup> / <sub>4</sub>
F	6 <sup>1</sup> / <sub>2</sub> x <sup>3</sup> / <sub>8</sub>
K	1 <sup>1</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E301)

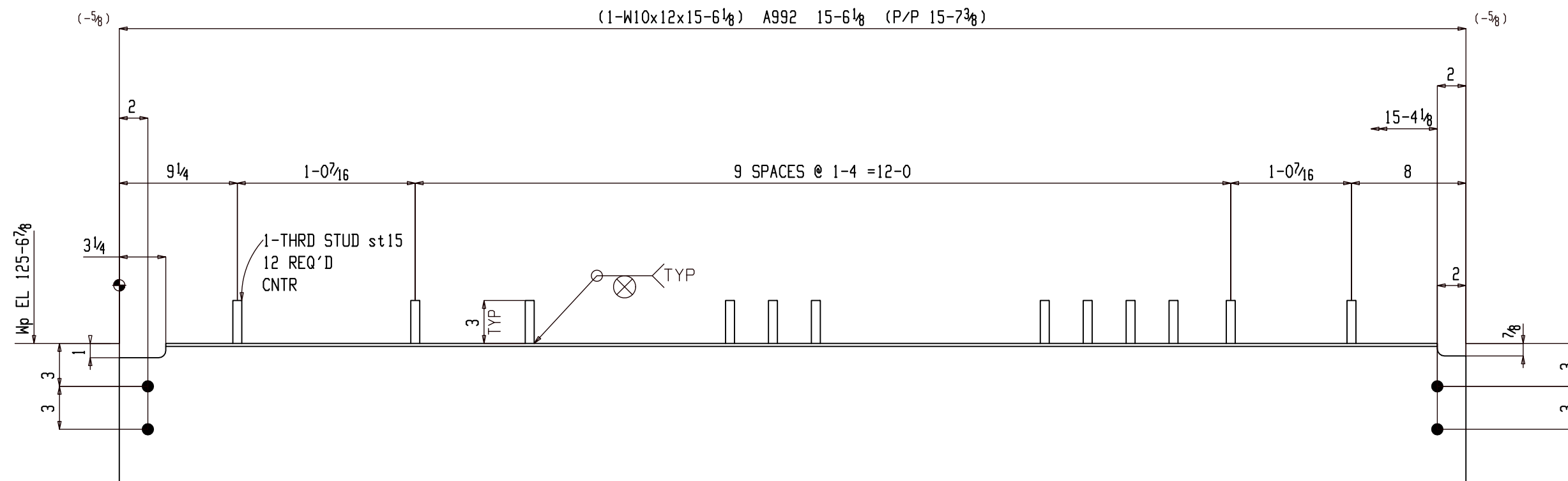
1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	<sup>13</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

GENERAL ARRANGEMENT				PROJECT NO	REV
DRAWER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN			DWG NO	03B329
APPROVED	04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B330		BEAM				189	189
1		03B330	W10x12	A992		15-6 <sup>1</sup> / <sub>8</sub>	186	186
12		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
FIELD BOLTS								
4			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		



### ONE BEAM 03B330

W	9 <sup>7</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>
F	3 <sup>15</sup> / <sub>16</sub> x 3 <sup>1</sup> / <sub>16</sub>
K	3/4 x 5/8

(E REFER: E301)

1SC PRIMER

### FOR APPROVAL

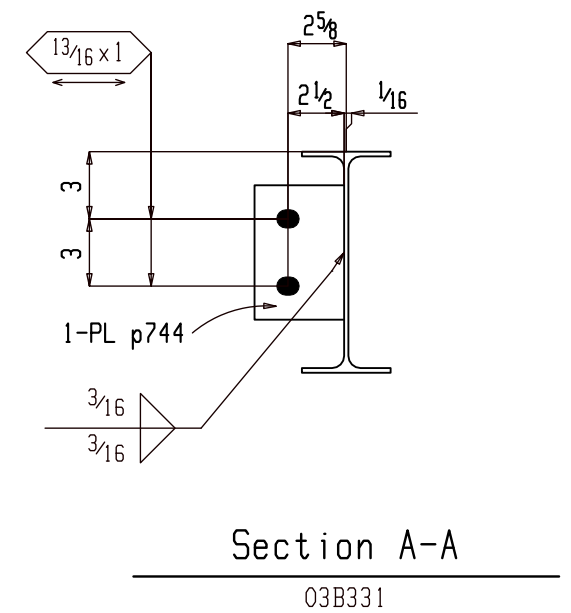
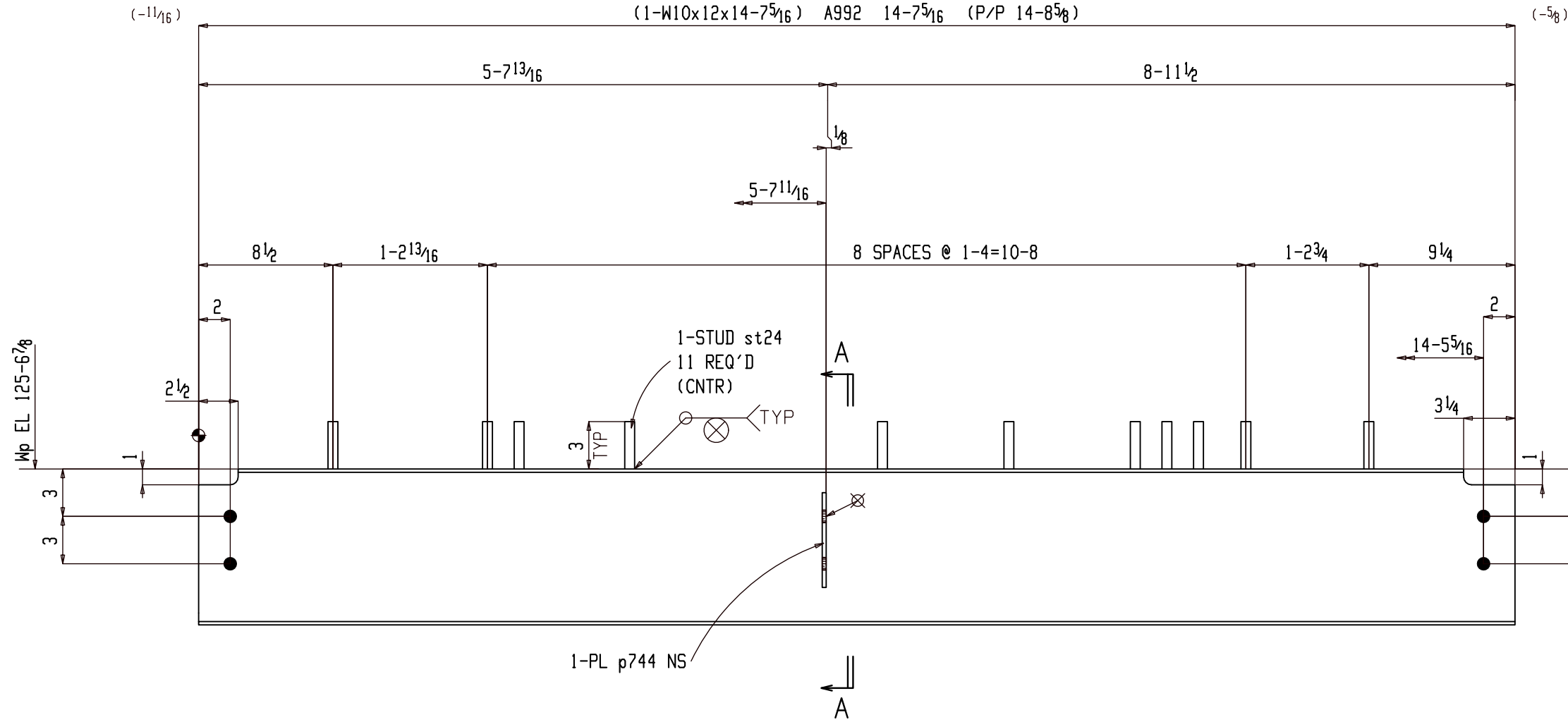
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		03B330	
CHECKER		ALN									
APPROVED		04-04-22									

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B331		BEAM				180	180
1		03B331	W10x12	A992		14-7 <sup>5</sup> / <sub>16</sub>	175	175
11		st24	TWS <sup>5</sup> / <sub>8</sub>	A108		3	0	3
1		p744	PL 1/4x4	A36		6	2	2
FIELD BOLTS								
4			3/4 Dia A325N		+1HD WASH	1 1/2		



### ONE BEAM 03B331

W	9 7/8 x 3/16
F	3 15/16 x 3/16
K	3/4 x 5/8

(E REFER: E301)  
1SC PRIMER

**FOR APPROVAL**

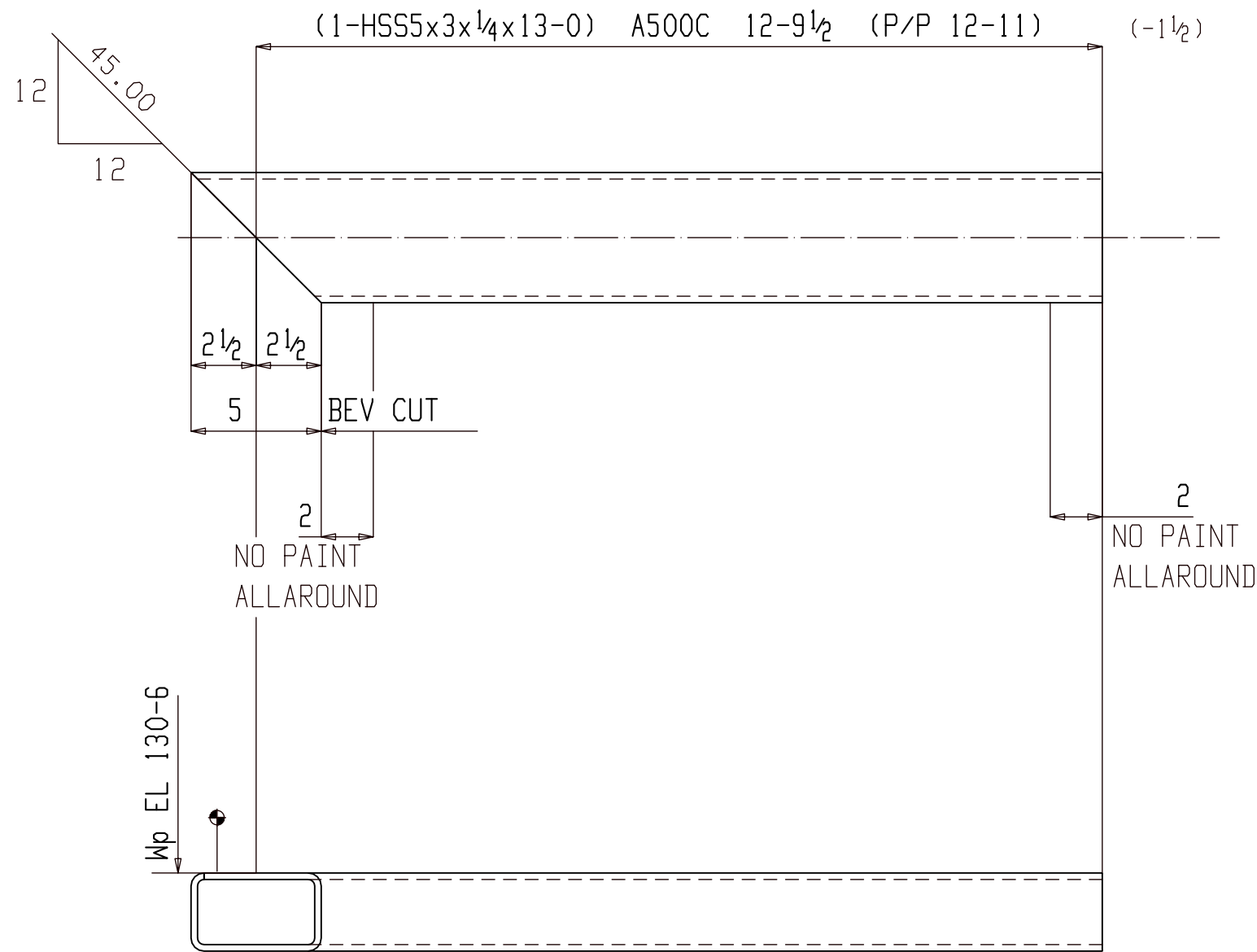
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED				
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE

DETAILER: AKM  
DATE: 04-04-22  
CHECKER: ALN  
APPROVED: 04-04-22

JOB NAME: MILWAUKEE STATION APARTMENTS  
JOB LOCATION: GREAT FALLS, MONTANA

PROJECT NO: 2210  
DWG NO: 03B331



ONE BEAM 03B332

(E REFER: E301)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03B332		BEAM				159	159
1		03B332	HSS5x3x $\frac{1}{4}$	A500C	B1E	13-0	159	159

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	2210
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	DWG NO	03B332
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				

BILL OF MATERIAL

	Ship	Sub					Weight	Weight
Qty	Mark	Mark	Description	Material	Remark	Length	Unit	Total

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

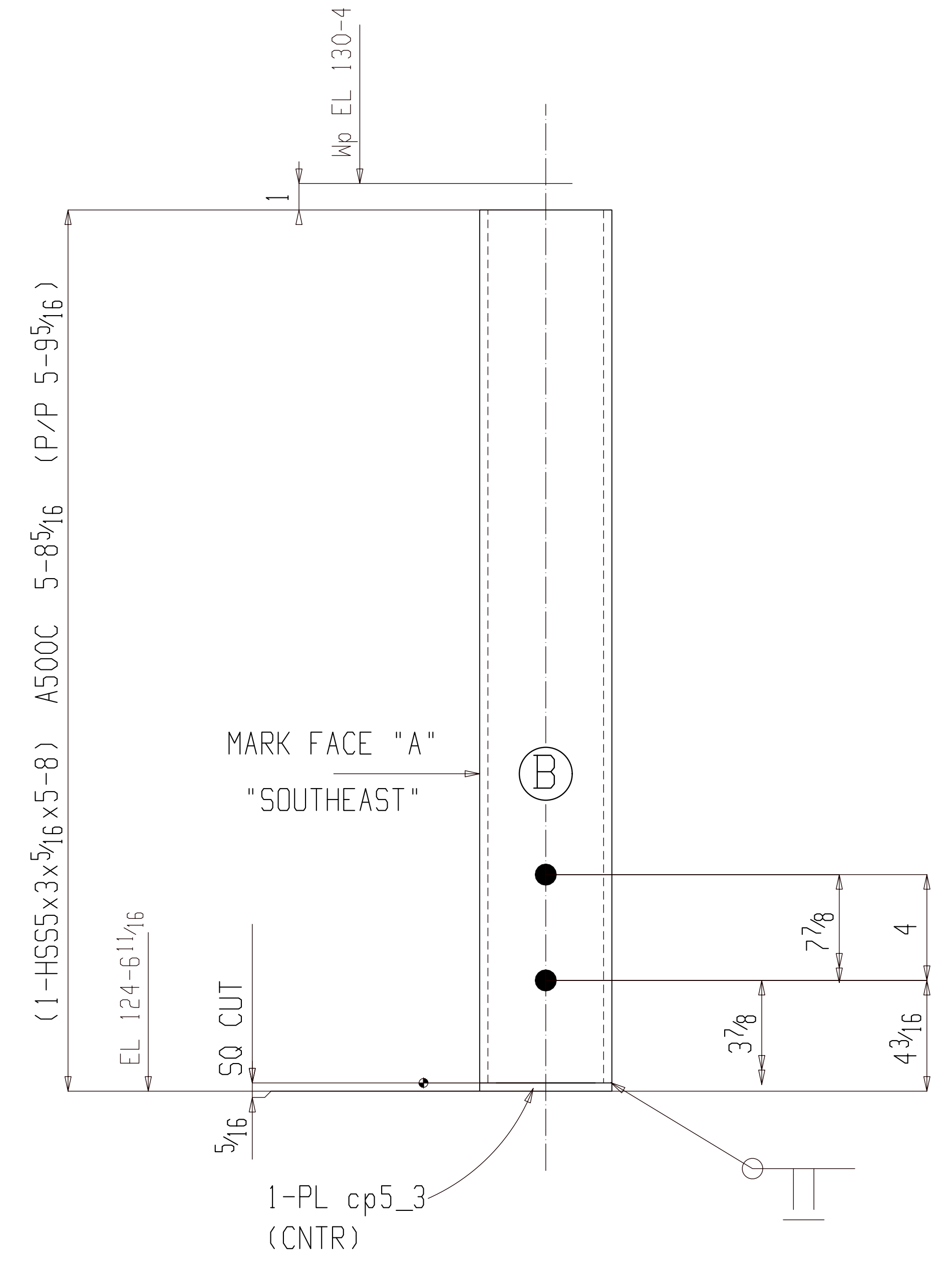
HOLES	13/16Ø DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED				
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT			PROJECT NO	2210	REV	△
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS			
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA			
CHECKER	ALN			DWG NO	03B333	
APPROVED	04-04-22					

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03C301		COLUMN				85	85
1		03C301	HSS5x3x5/16	A500C	S1E	5-8	84	84
1		cp5_3	PL5/16x3	A36		5	1	1
FIELD BOLTS								
2			3/4 Dia A325N		+1HD WASH		5	



ONE COLUMN 03C301

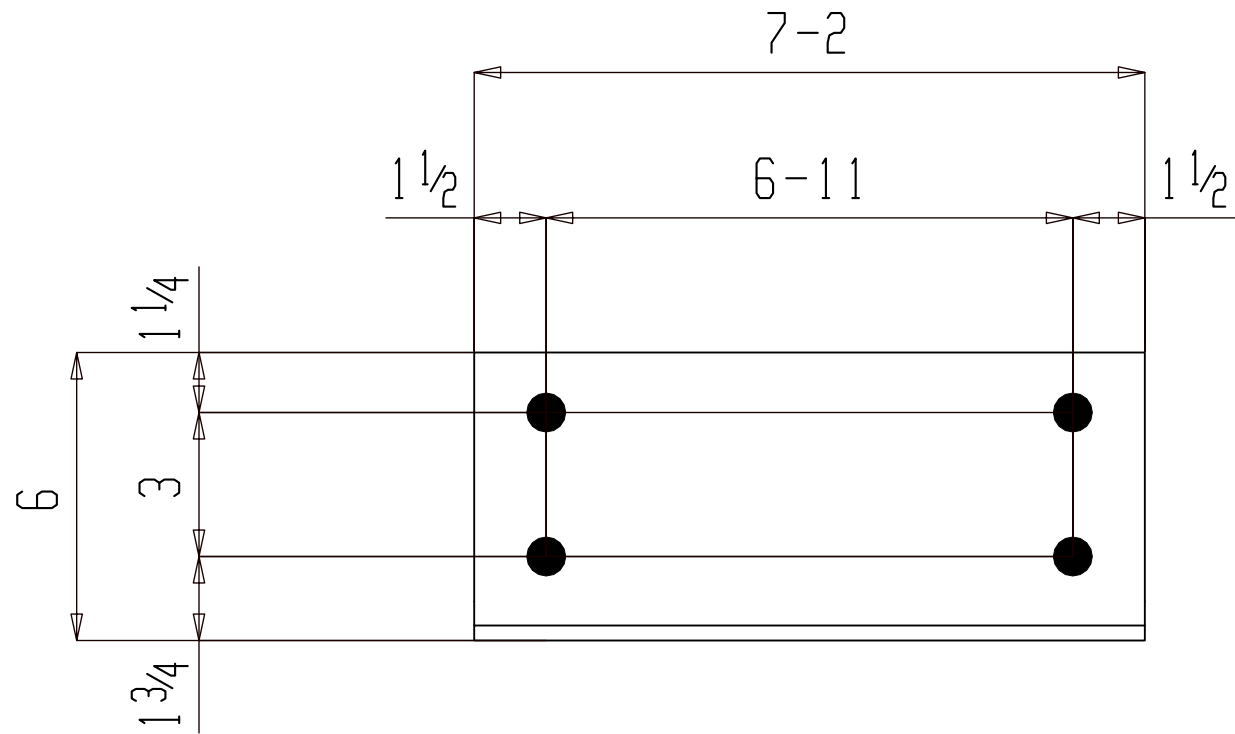
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 (E REFER: E301)  
 1SC PRIMER

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE
			05-06-22



GENERAL ARRANGEMENT		PROJECT NO	REV
		2210	Δ
DRAWN BY	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN	DWG NO	03C301
APPROVED	04-04-22		



6 ANGLES 03M301

(E REFER: E301)  
 (S REFER : 15/S6.3)

GALVANIZED

BILL OF MATERIAL



Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
6	03M301		ANGLE				89	533
6		03M301	L6x6x5/16	A36	GALV	7-2	89	533
			FIELD BOLTS					
		t1000	NU3/4	A563	HHNT			
		t1001	WA3/4	F436	HD			

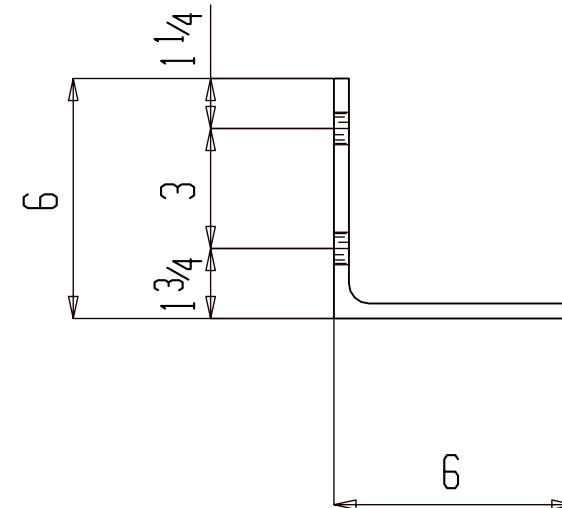
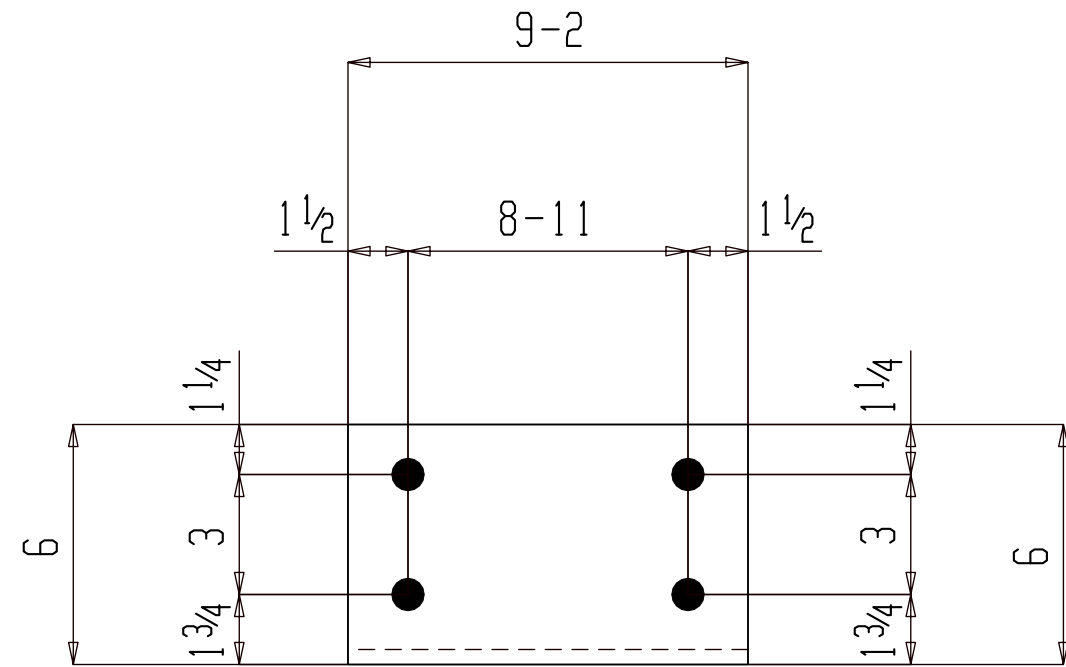
FOR APPROVAL				
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE				
HOLES	13/16 DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED				
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN		A For Approval	05-06-22
	REV	DESCRIPTION	DATE	
GENERAL ARRANGEMENT				
DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22		JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA		PROJECT NO: 2210 REV:
			DWG NO: 03M301	



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
			
GENERAL ARRANGEMENT			PROJECT NO 2210
DETAILER <u>AKM</u> JOB NAME <b>MILWAUKEE STATION APARTMENTS</b> DATE <u>04-04-22</u> CHECKER <u>ALN</u> JOB LOCATION <b>GREAT FALLS, MONTANA</b> APPROVED <u>04-04-22</u>		DRG NO 03M302	REV 



ONE MISC 03M303

(E REFER: E301)  
(S REFER: 5/S6.3)

GALVANIZED

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03M303		MISC				137	137
1		03M303	L6x6x3/8	A36	GALV	9-2	137	137

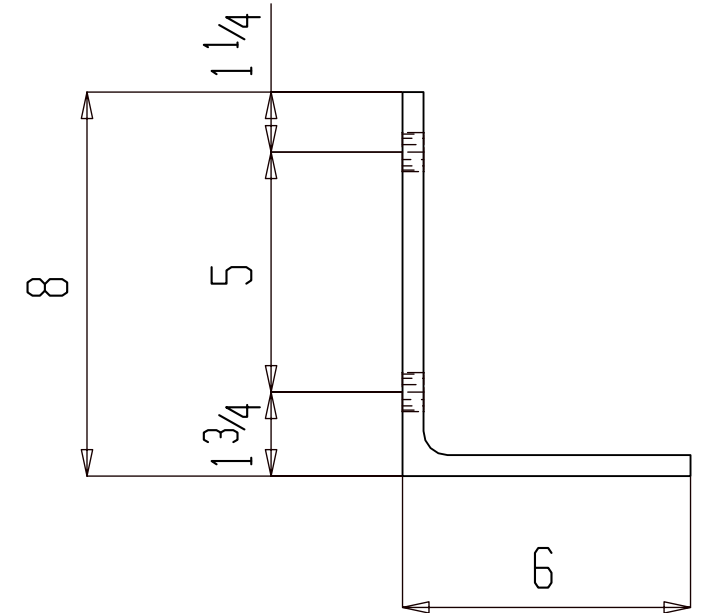
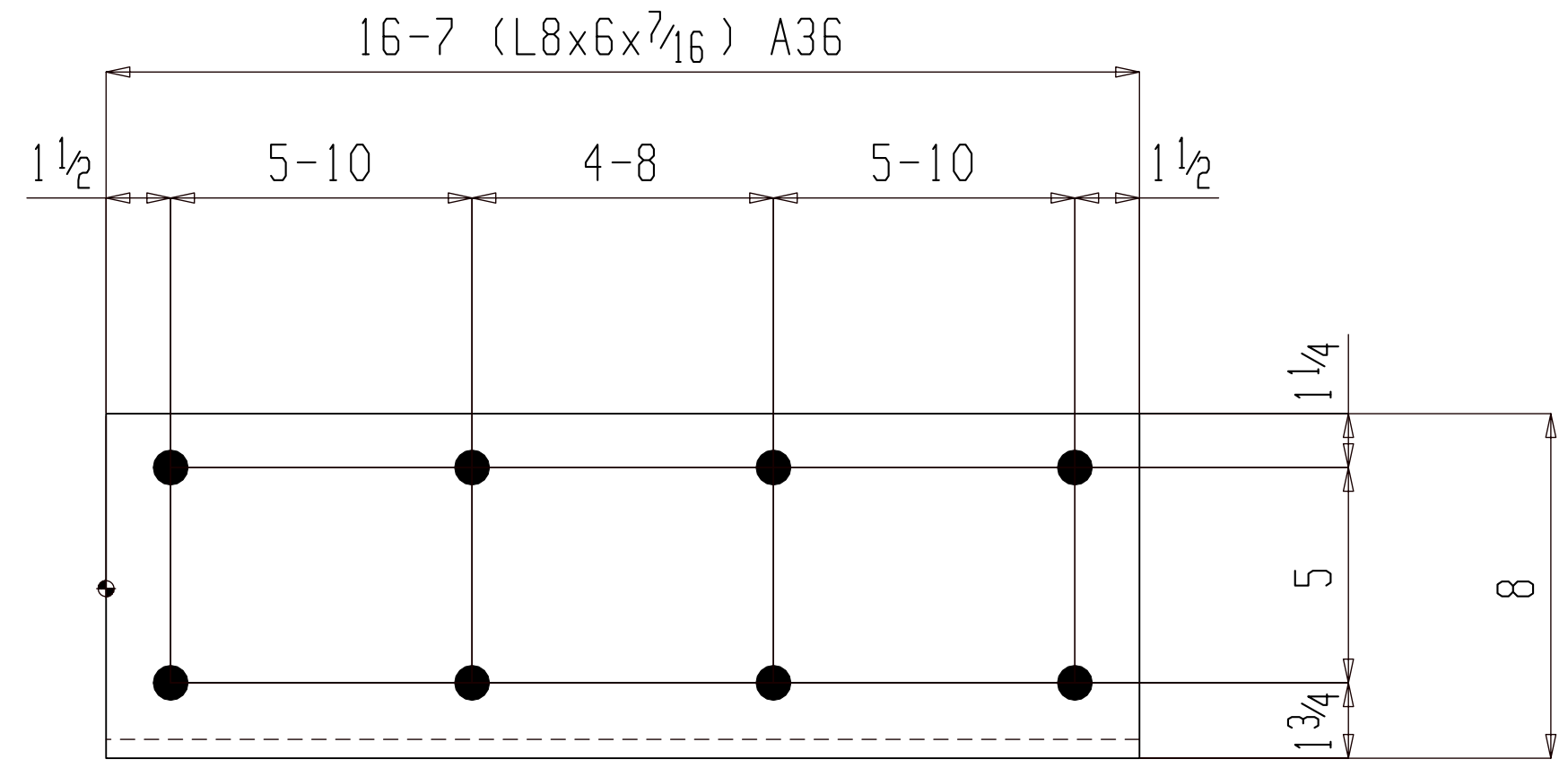
FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE

DETAILER		AKM	JOB NAME		MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	△
DATE	04-04-22	CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	03M303		
APPROVED	04-04-22								

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03M304		MISC				335	335
1		03M304	L8x6x7/16	A36		16-7	335	335



ONE MISC 03M304

(E REFER: E301)  
(S REFER: 19/S6.3)

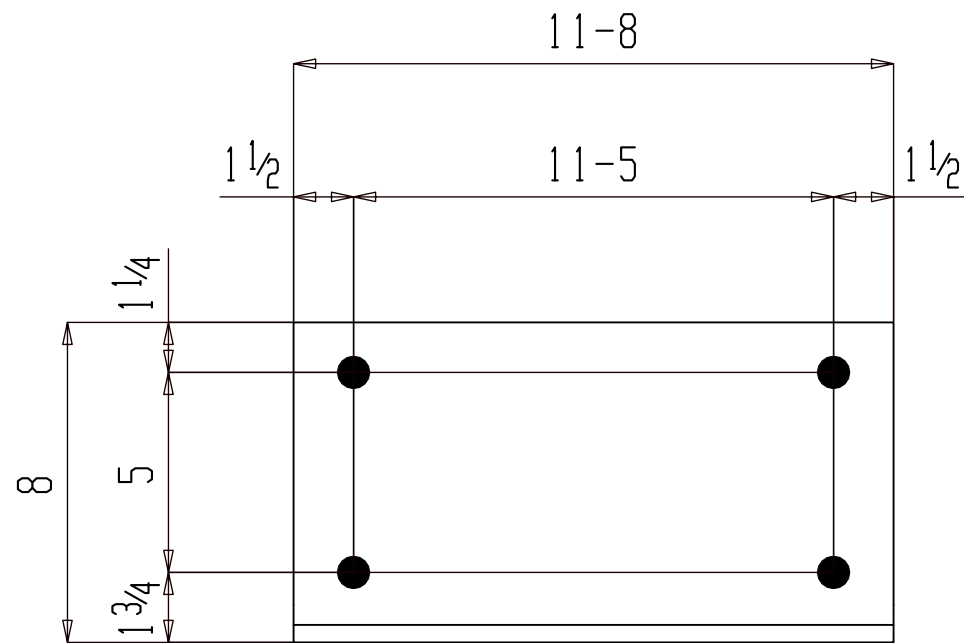
GALVANIZED

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

PROJECT NO 2210  
JOB NAME MILWAUKEE STATION APARTMENTS  
JOB LOCATION GREAT FALLS, MONTANA  
DATE 04-04-22  
CHECKER ALN  
APPROVED 04-04-22



ONE ANGLE 03M305

(E REFER: E301)  
(S REFER : 15/S6.3)

GALVANIZED

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03M305		ANGLE				236	236
1		03M305	L8x6x7/16	A36	GALV	11-8	236	236

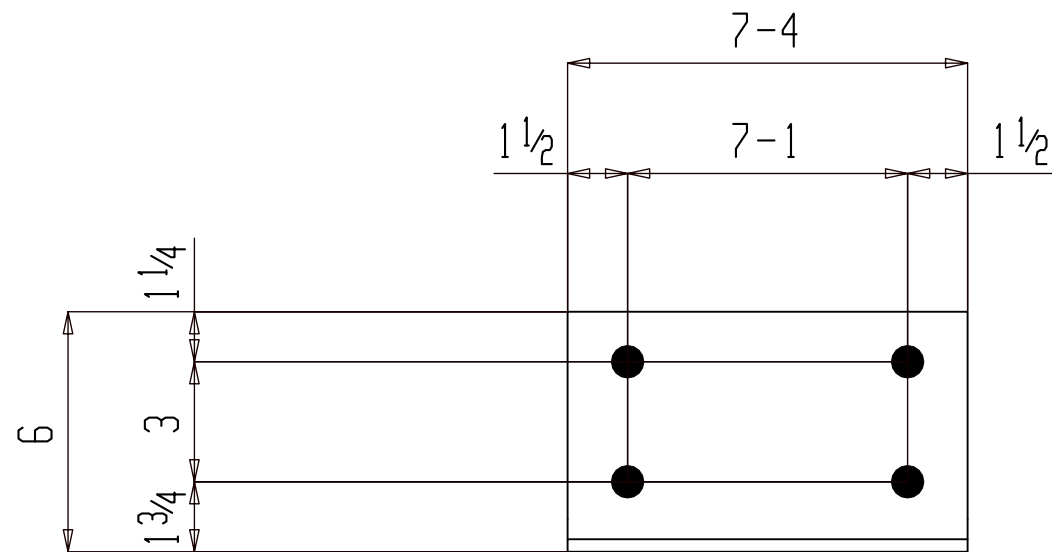
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	03M305
CHECKER	ALN			REV	
APPROVED	04-04-22				



2 MISCS 03M306

(E REFER: E301)  
(S REFER : 15/S6.3)

GALVANIZED

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	03M306		MISC				91	182
2		03M306	L6x6x5/16	A36	GALV	7-4	91	182

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

PROJECT NO 2210

JOB NAME MILWAUKEE STATION APARTMENTS

JOB LOCATION GREAT FALLS, MONTANA

DATE 04-04-22



CHECKER ALN

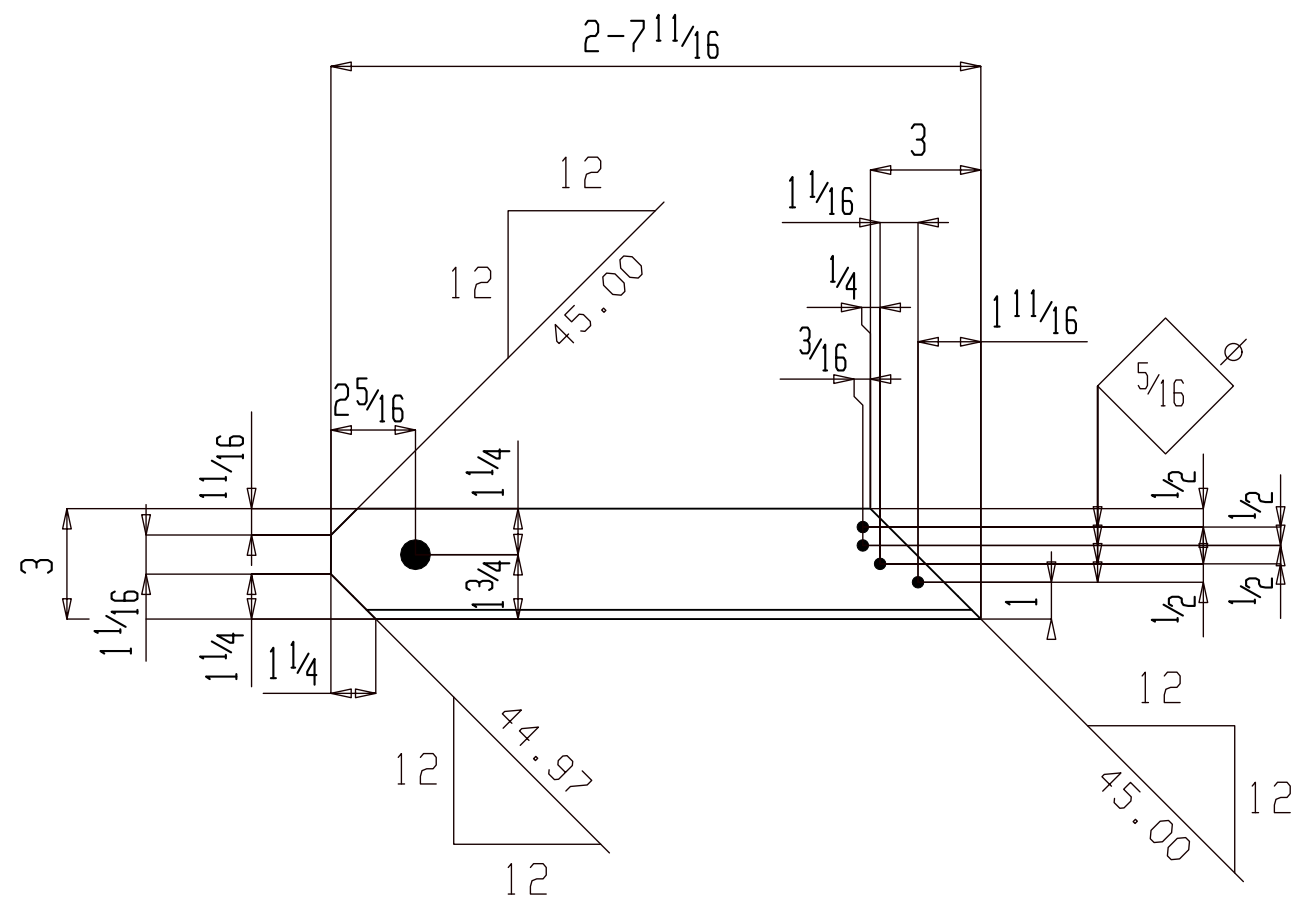
APPROVED 04-04-22

DWG NO 03M306

## BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE
			
GENERAL ARRANGEMENT			
DETAILER <u>AKM</u> DATE <u>04-04-22</u>	JOB NAME <b>MILWAUKEE STATION APARTMENTS</b> JOB LOCATION <b>GREAT FALLS, MONTANA</b>	PROJECT NO <b>2210</b> DRG NO <b>03M307</b>	REV 



4 ANGLES 03M308

(E REFER: E301)  
(S REFER : 16/S6.2)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	03M308		ANGLE				13	52
4		03M308	L3x3x1/4	A36		2-7 11/16	13	52
			FIELD BOLTS					
4			3/4 Dia A325N		+1HD		13/4	
					WASH			
16			1/4" Dia SDS SCREW				1 1/2	

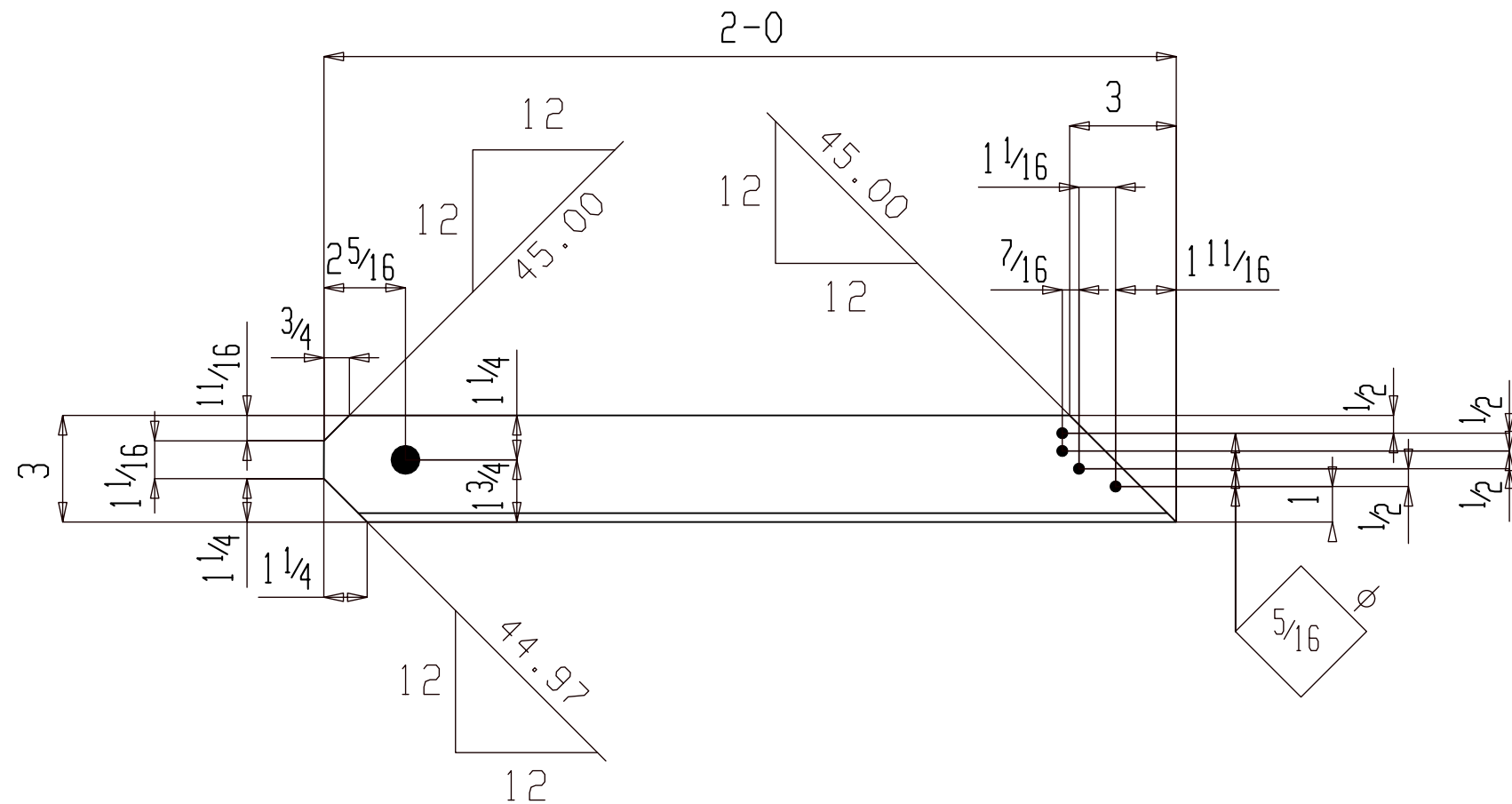
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	03M308
CHECKER	ALN				
APPROVED	04-04-22				



15 ANGLES 03M309

(E REFER: E301)  
(S REFER : 16/S6.2)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
15	03M309		ANGLE				10	147
15		03M309	L3x3x1/4	A36		2-0	10	147
			FIELD BOLTS					
15			3/4 Dia A325N		+1HD WASH		13/4	
60			1/4" Dia SDS SCREW				1 1/2	

### FOR APPROVAL

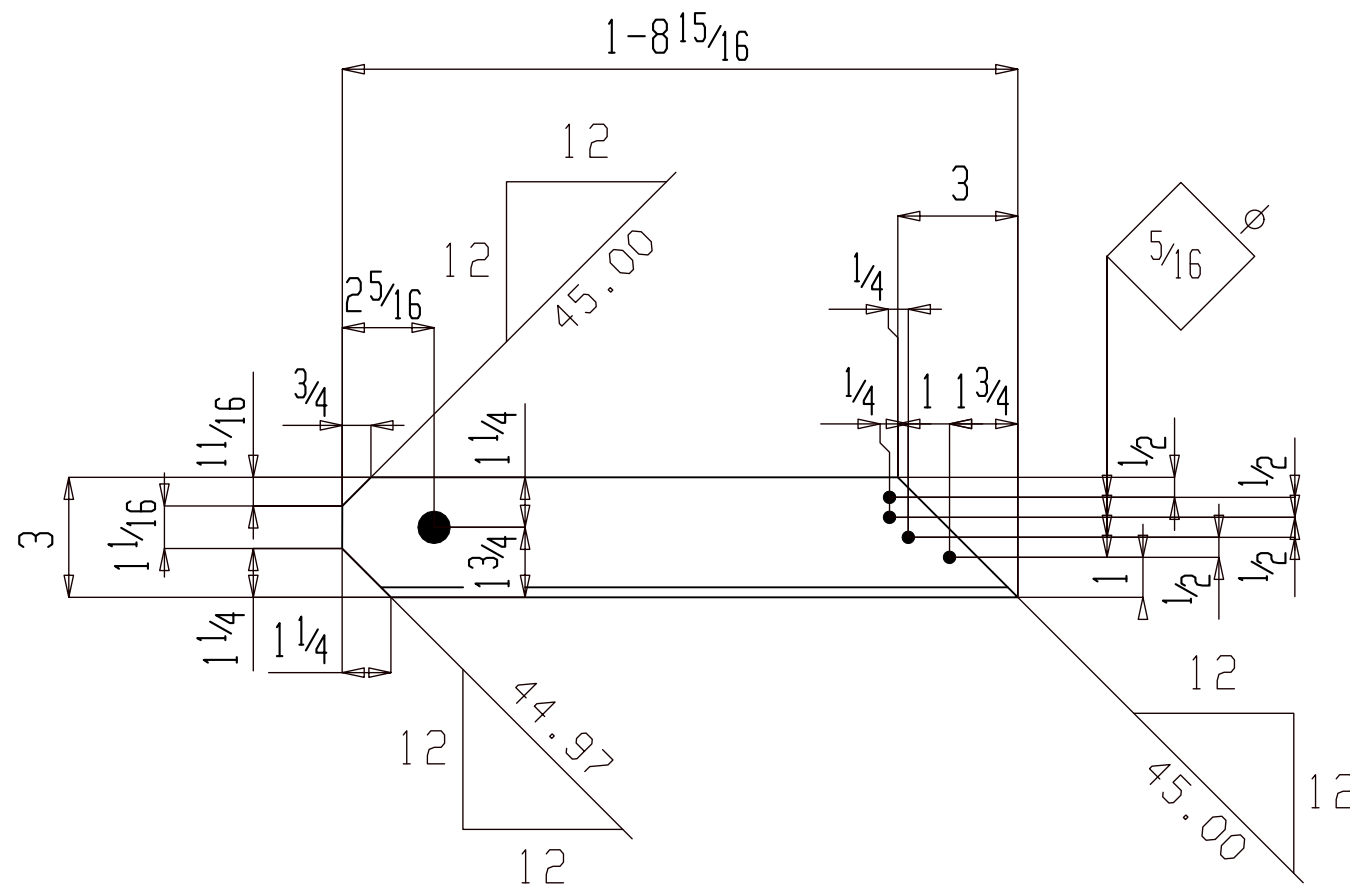
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD	AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS		2210	
ALN	04-04-22	GREAT FALLS, MONTANA			





19 ANGLES 03M310

(E REFER: E301)  
 (S REFER : 16/S6.2)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
19	03M310		ANGLE				9	162
19		03M310	L3x3x1/4	A36		1-8 <sup>7</sup> / <sub>8</sub>	9	162
			FIELD BOLTS					
19			3/4 Dia A325N		+1HD	13/4		
					WASH			
76			1/4" Dia SDS SCREW			11/2		

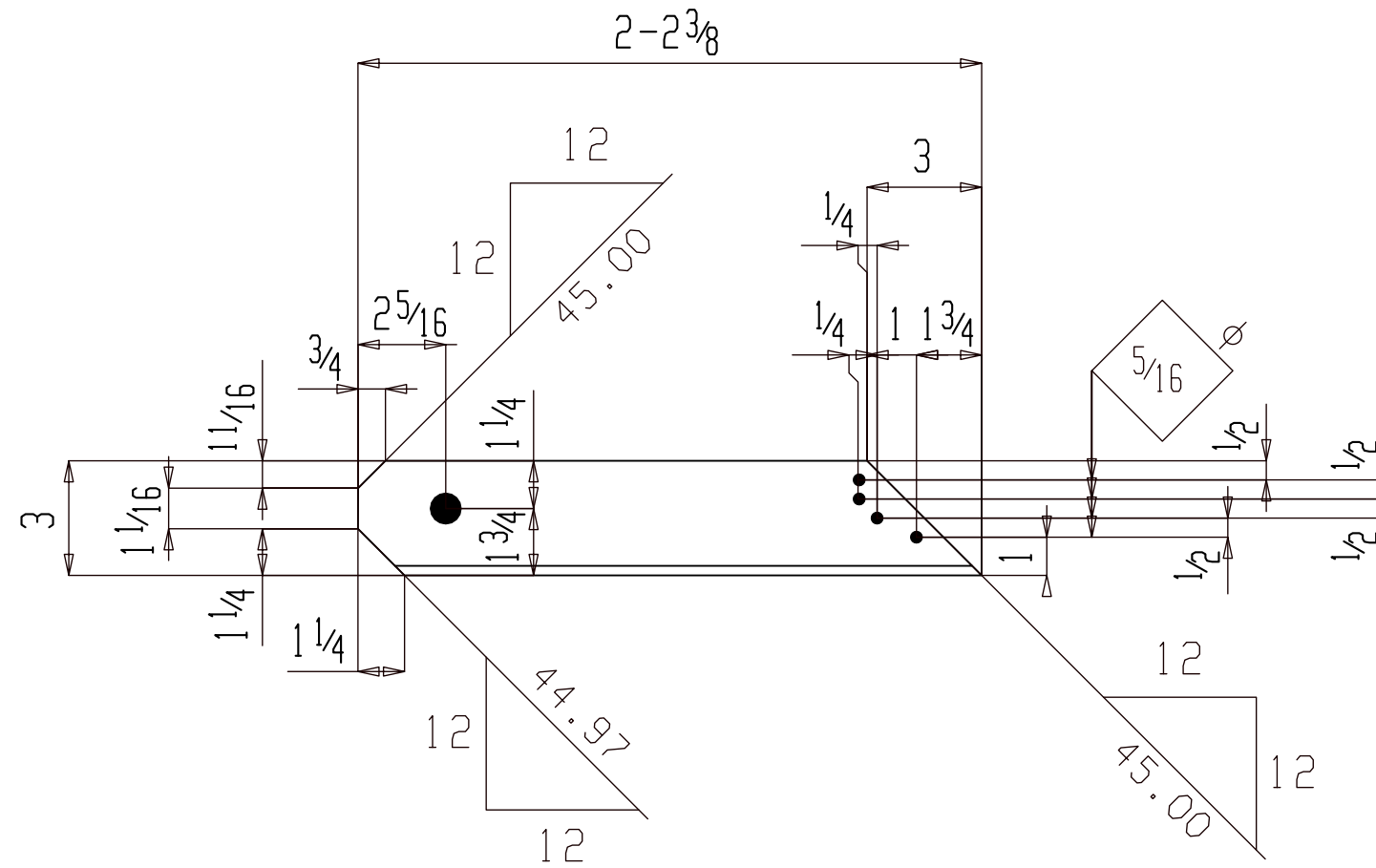
**FOR APPROVAL**  
 BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DATE

2022 05-06-22

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN			DWG NO	03M310
APPROVED	04-04-22				



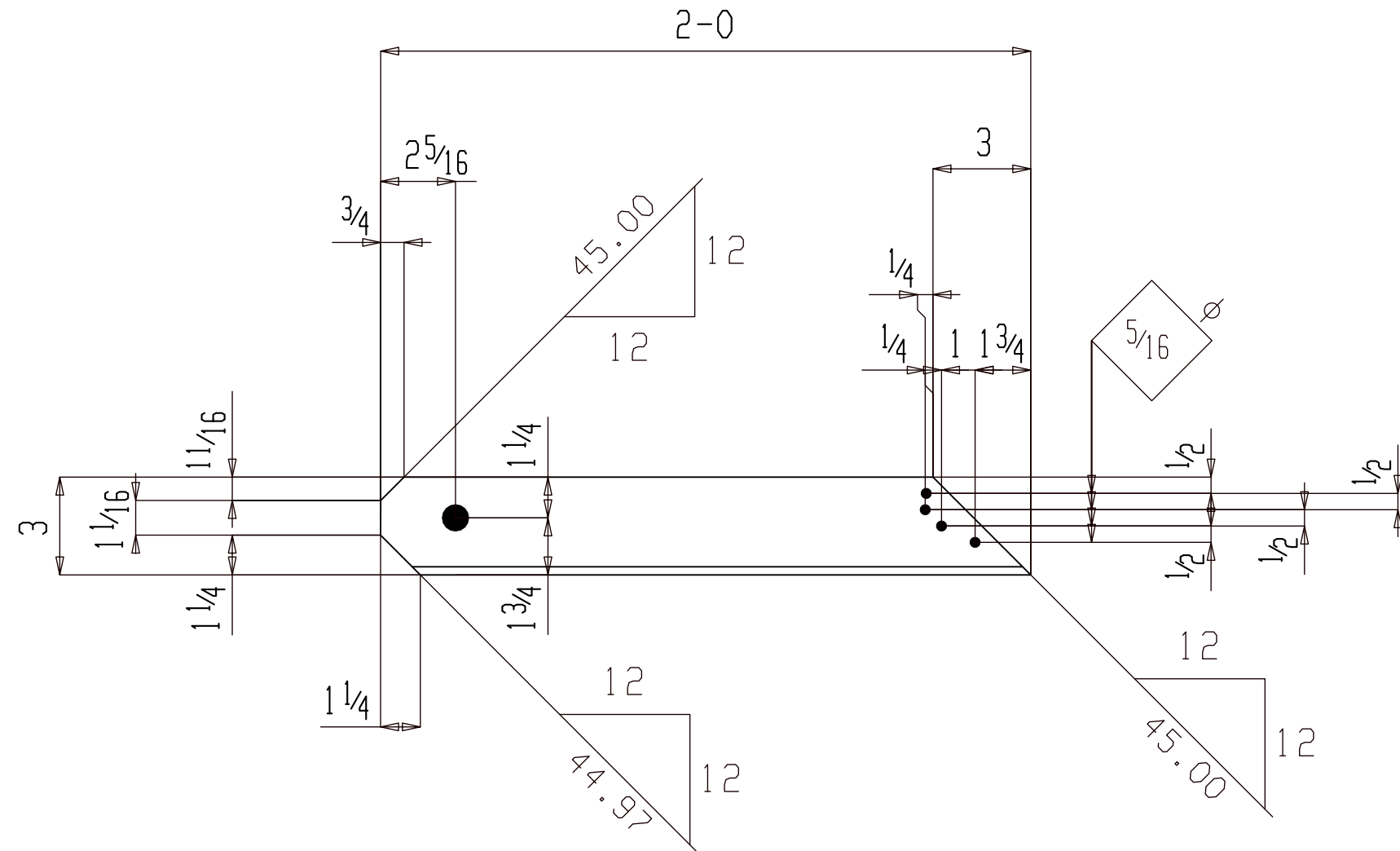
8 ANGLES 03M311

(E REFER: E301)  
(S REFER : 16/56.2)

1SC PRIMER

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
8	03M311		ANGLE				11	86
8		03M311	L3x3x1/4	A36		2-25/16	11	86
			FIELD BOLTS					
8			3/4 Dia A325N		+1HD WASH		13/4	
32			1/4" Dia SDS SCREW				1 1/2	

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE
GENERAL ARRANGEMENT JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA			PROJECT NO 2210 REV
DETAILER AKM DATE 04-04-22 CHECKER ALN APPROVED 04-04-22			DRG NO 03M311



14 ANGLESES 03M312

(E REFER: E301)  
(S REFER : 16/S6.2)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
14	03M312		ANGLES				10	137
14		03M312	L3x3x1/4	A36		1-11 15/16	10	137
			FIELD BOLTS					
14			3/4 Dia A325N		+1HD		13/4	
					WASH			
42			1/4" Dia SDS SCREW				1 1/2	

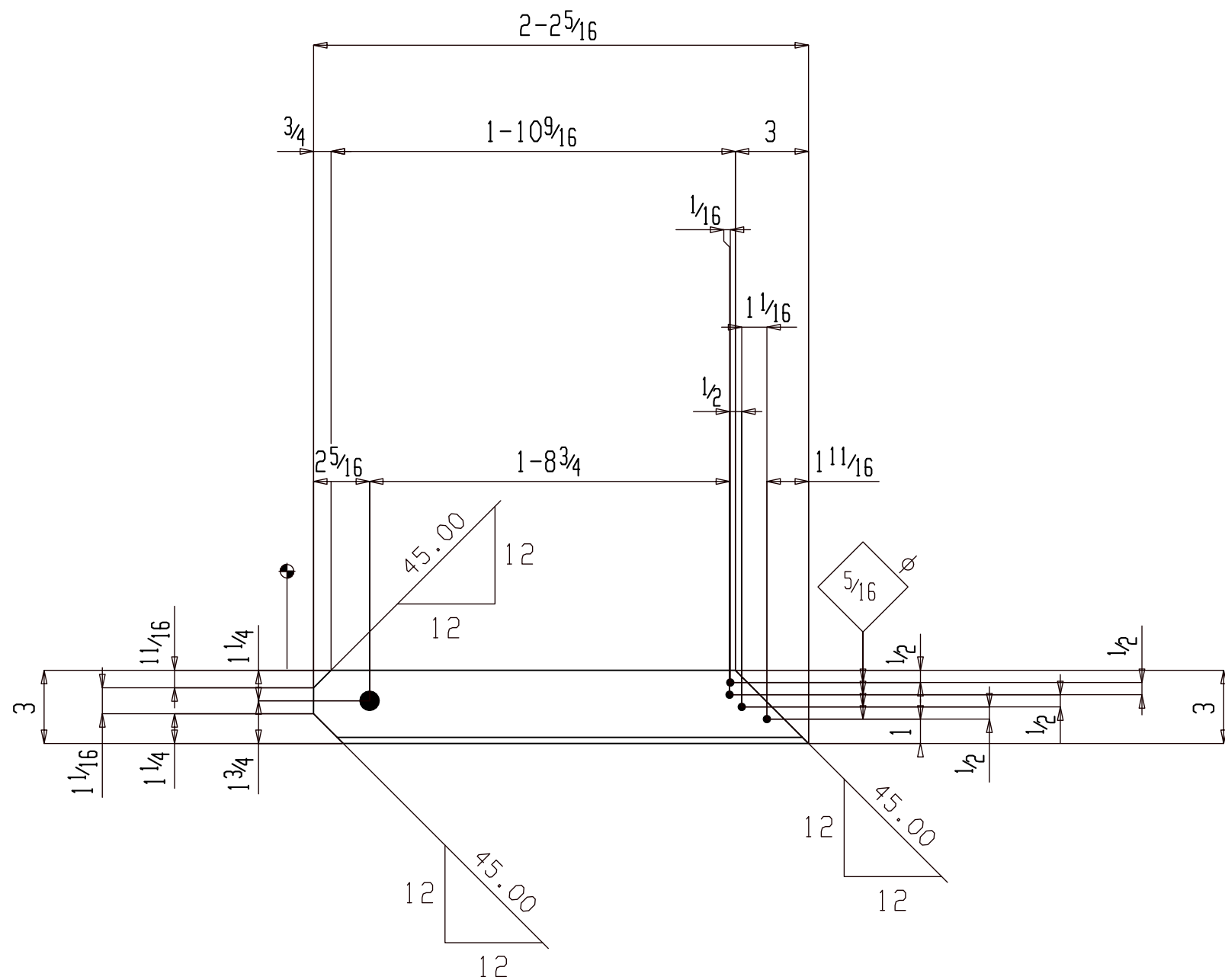
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			



7 ANGLES 03M313

(E REFER: E301)  
(S REFER: 16/S6.2)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
7	03M313		ANGLE				11	75
7		03M313	L3x3x1/4	A36		2-25/16	11	75
FIELD BOLTS								
7			3/4 Dia A325N		+1HD	13/4		
					WASH			
24			1/4" Dia SDS SCREW			1 1/2		

FOR APPROVAL

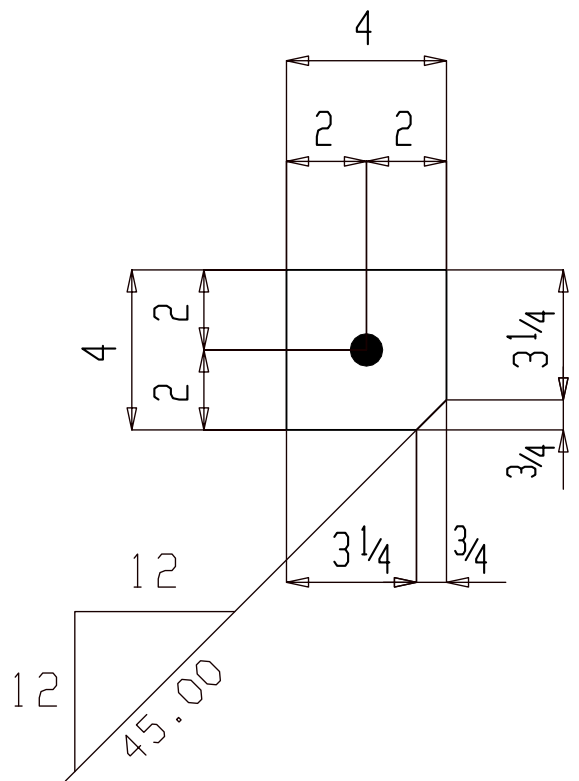
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED				
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				
				DWG NO	03M313

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
60	03M314		PLATE				1	68
60		03M314	PL 1/4x4	A36		4	1	68



60 PLATES 03M314

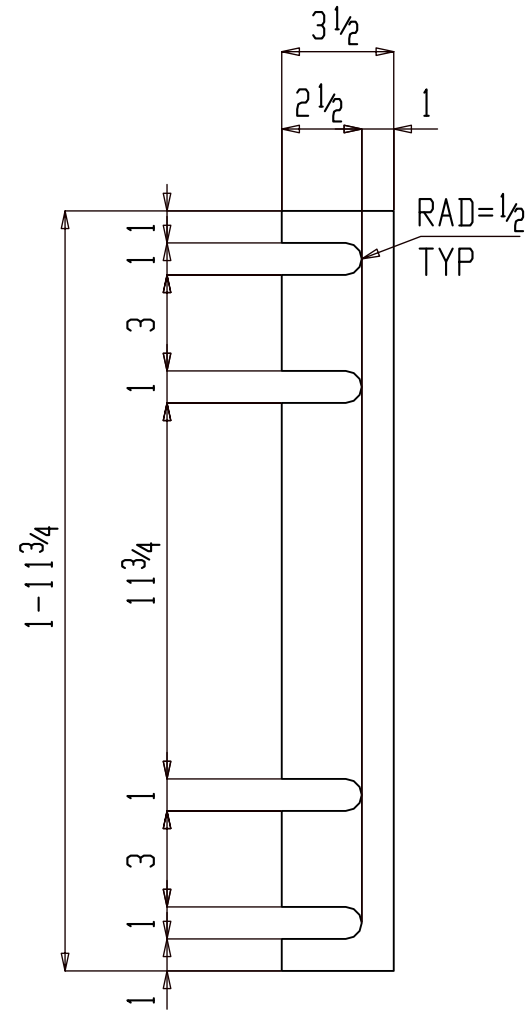
(E REFER: E301)  
(S REFER : 16/S6.2)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 3/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A REV	For Approval DATE
			05-06-22



DETAILER		JOB NAME		PROJECT NO	
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	03M314
APPROVED	04-04-22				



4 SHIMS 03M315



(E REFER: E301)  
(S REFER : 17/S6.4)

1SC PRIMER

**BILL OF MATERIAL**

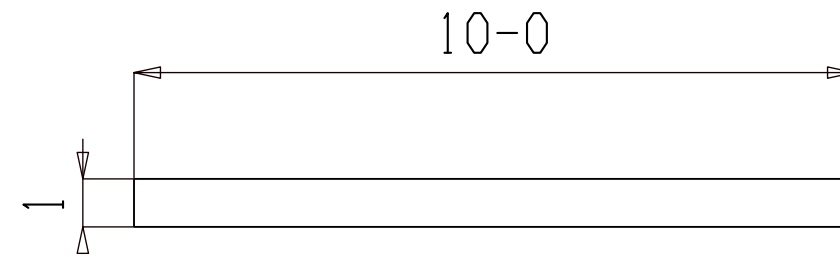
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	03M315		SHIM				3	12
4		03M315	PL 1/8x3 1/2	A36		1-11 3/4	3	12

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DATE

			GENERAL ARRANGEMENT		PROJECT NO	2210	REV	
			DETAILER AKM DATE 04-04-22 CHECKER ALN APPROVED 04-04-22	JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA	PROJECT NO 2210 DWG NO 03M315			

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03M316		BACKING BAR				9	9
1		03M316	PL 1/4x1	A36		10-0	9	9



ONE BACKING BAR 03M316

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(E REFER: E13)  
(S REFER : 3/S6.4)

NO PAINT

#### FOR APPROVAL

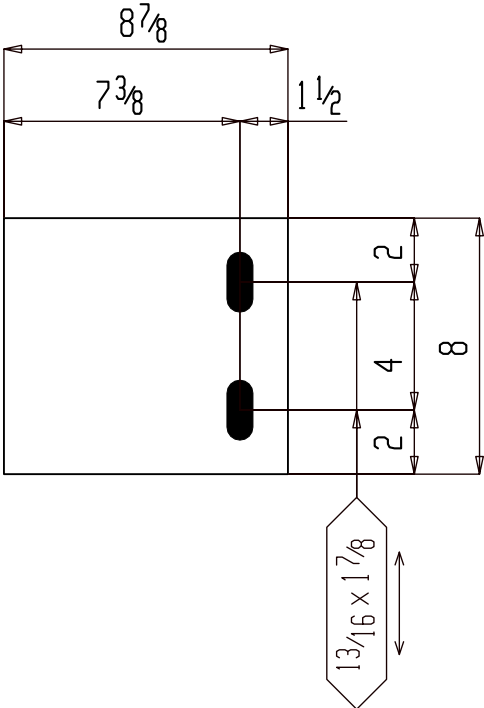
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER AKM		JOB NAME MILWAUKEE STATION APARTMENTS		PROJECT NO 2210	REV
DATE 04-04-22		JOB LOCATION GREAT FALLS, MONTANA			
CHECKER ALN				DWG NO 03M316	
APPROVED 04-04-22					

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	03M317		PLATE				8	30
4		03M317	PL <sup>3/8</sup> x8	A36		8 <sup>7/8</sup>	8	30



4 PLATES 03M317

(E REFER: E301)  
(S REFER : 8/S6.4)

1SC PRIMER

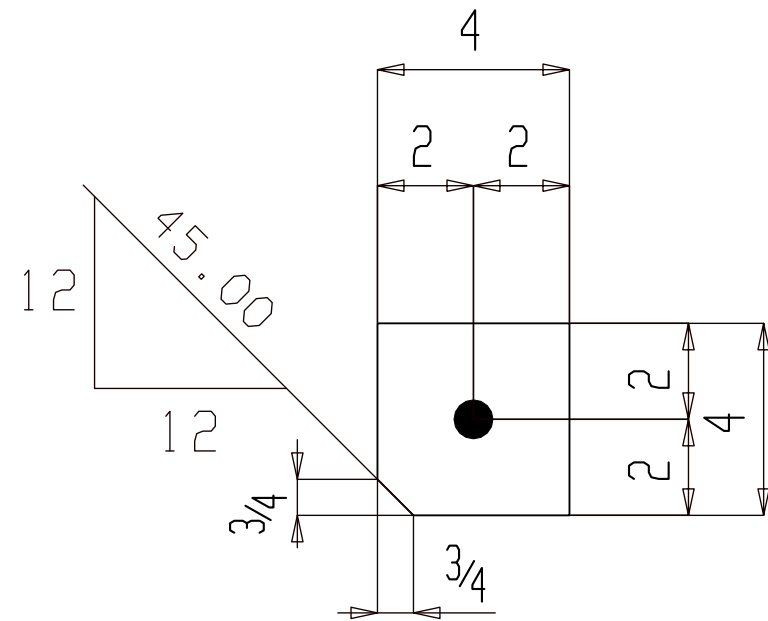
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLE	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	
AKM	MILWAUKEE STATION APARTMENTS	2210		REV	
DATE	CHECKER	JOB LOCATION	DWG NO		
04-04-22	ALN	GREAT FALLS, MONTANA	03M317		
APPROVED					





ONE PLATE 03M318

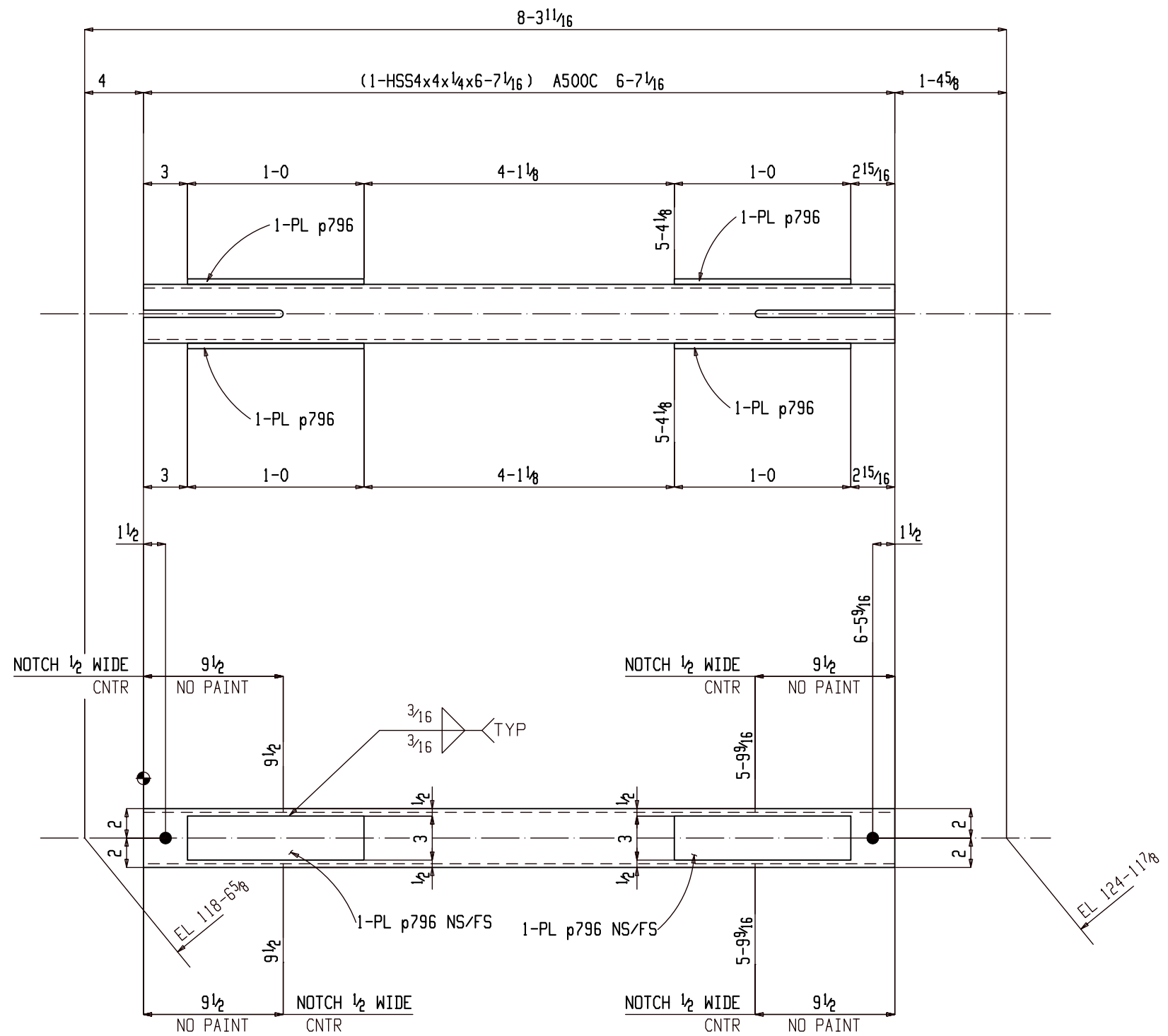
( E REFER: E301 )  
 ( S REFER : 10 / 6.4 )

15C PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03M318		PLATE				1	1
1		03M318	PL 1/4x4	A36		4	1	1

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	NO PAINT		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	CHECKER	ALN
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22		
		PROJECT NO	2210
		DWG NO	03M318



ONE VERTICAL BRACE 03V301

(E REFER: E206)

ISC PRIMER

BILL OF MATERIAL

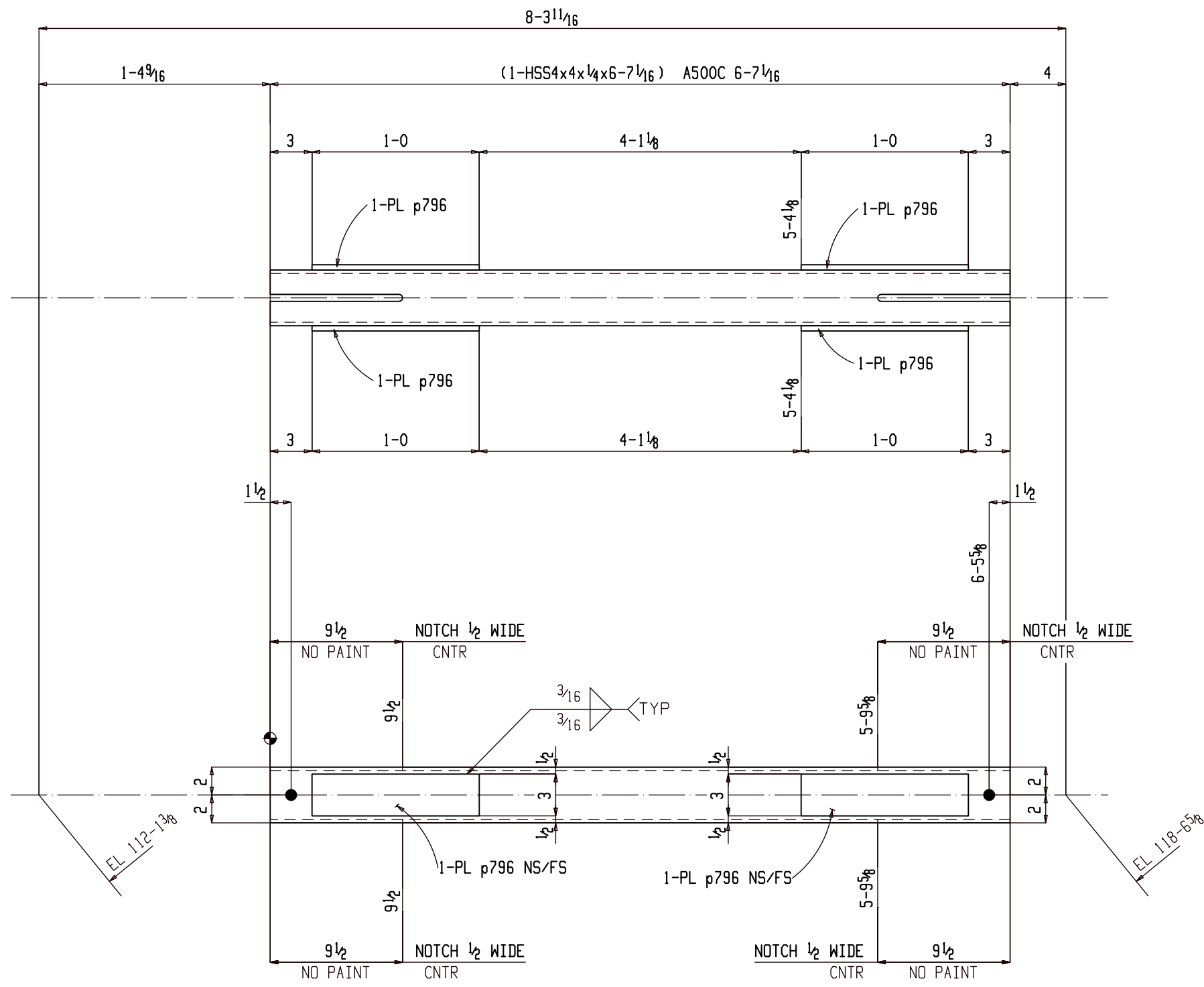
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03V301		VERTICAL BRACE				96	96
1		03V301	HSS4x4x1/4	A500C		6-7 1/16	80	80
4		p796	PL 3/8x3	A572-50		1-0	4	15
FIELD BOLTS								
2			3/4 Dia A307		+1HD WASH	5 1/2		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 04-18-22
		REV	DESCRIPTION DATE





ONE VERTICAL BRACE 03V302

(E REFER: E206)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03V302		VERTICAL BRACE				96	96
1		03V302	HSS4x4x1/4	A500C		6-7 1/16	80	80
4		p796	PL 3/8x3	A572-50		1-0	4	15
FIELD BOLTS								
1			3/4 Dia A325N		+1HD WASH	5 1/2		
1			3/4 Dia A307		+1HD WASH	5 1/2		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

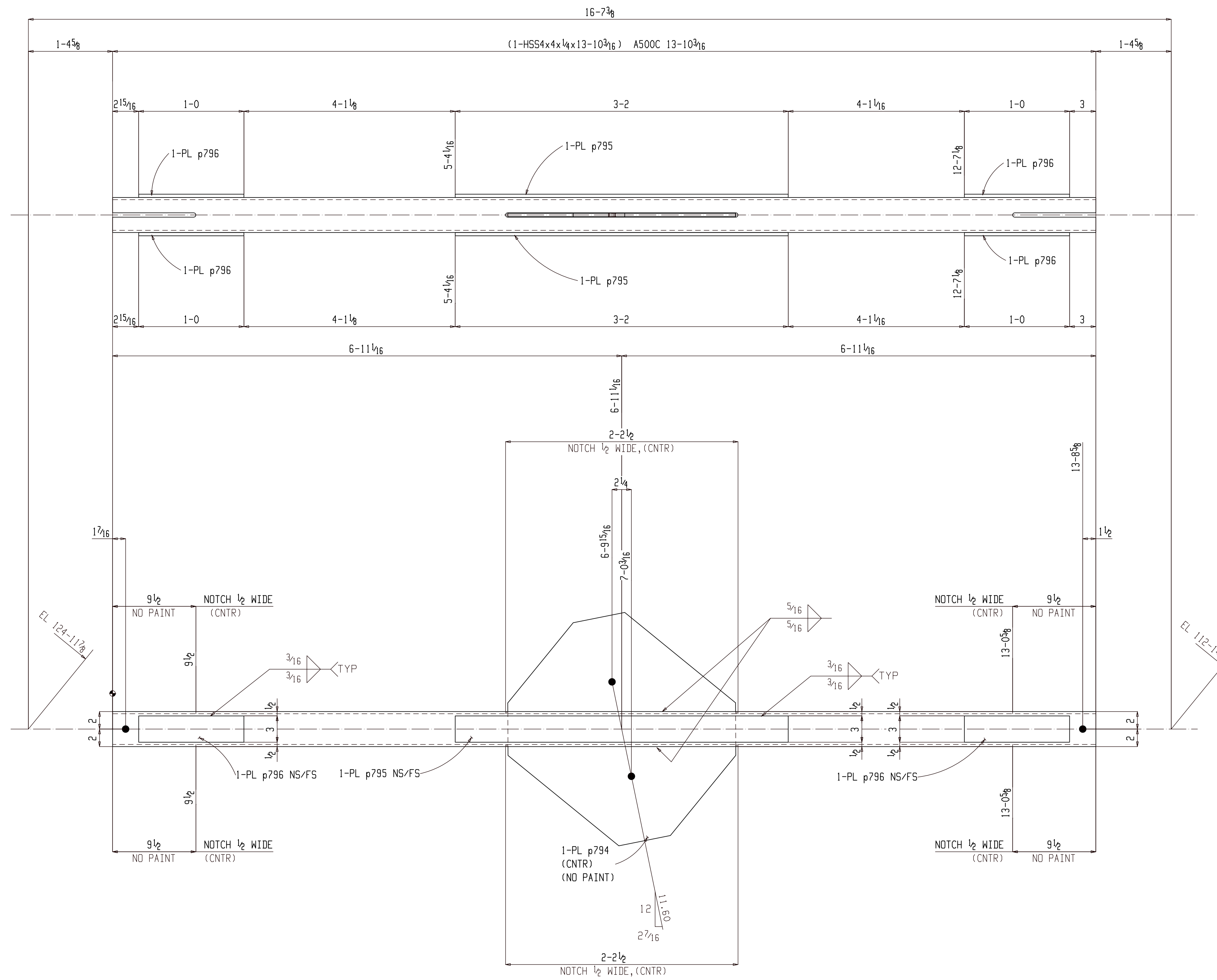
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03V303		VERTICAL BRACE				262	262
1		03V303	HSS4x4x1/4	A500C		13-10 <sup>3</sup> / <sub>16</sub>	169	169
1		p794	PL <sup>3</sup> / <sub>8</sub> x21 <sup>1</sup> / <sub>16</sub>	A572-50		1-11 <sup>15</sup> / <sub>16</sub>	54	54
4		p796	PL <sup>3</sup> / <sub>8</sub> x3	A572-50		1-0	4	15
2		p795	PL <sup>3</sup> / <sub>8</sub> x3	A572-50		3-2	12	24
FIELD BOLTS								
1			3/4 Dia A307		+1HD		5 1/2	
					WASH			
1			3/4 Dia A325N		+1HD		5 1/2	
					WASH			



ONE VERTICAL BRACE 03V303

(E REFER: E206)

1SC PRIMER

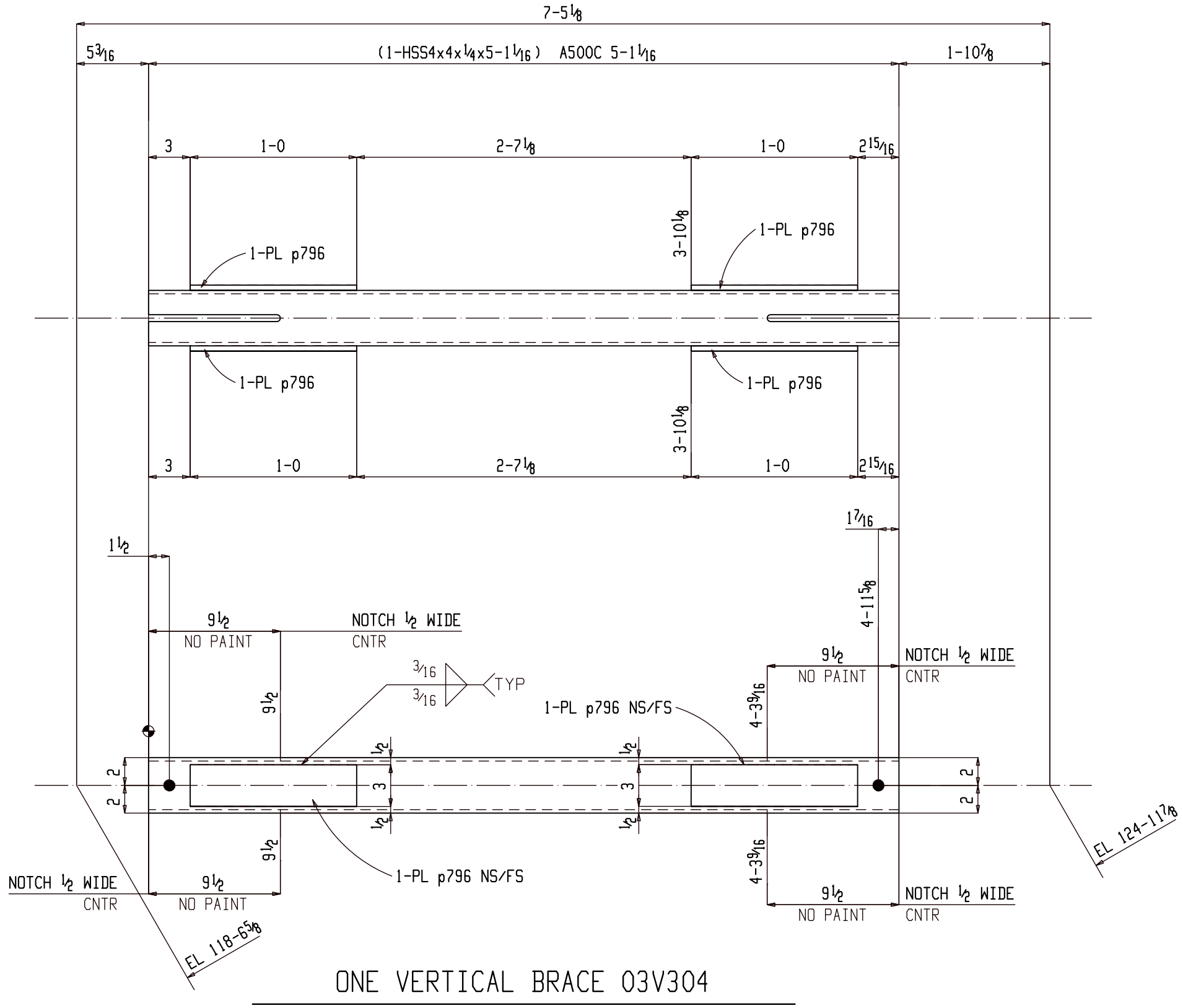
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		PROJECT NO		REV
AKM	04-04-22	2210		A
DATE		JOB NAME		DWG NO
04-04-22	04-04-22	MILWAUKEE STATION APARTMENTS		03V303
CHECKER		JOB LOCATION		
ALN	04-04-22	GREAT FALLS, MONTANA		
APPROVED				



ONE VERTICAL BRACE 03V304

(E REFER: E205)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03V304		VERTICAL BRACE				77	77
1		03V304	HSS4x4x1/4	A500C		5-11/16	62	62
4		p796	PL 3/8x3	A572-50		1-0	4	15
FIELD BOLTS								
2			3/4 Dia A307				5	

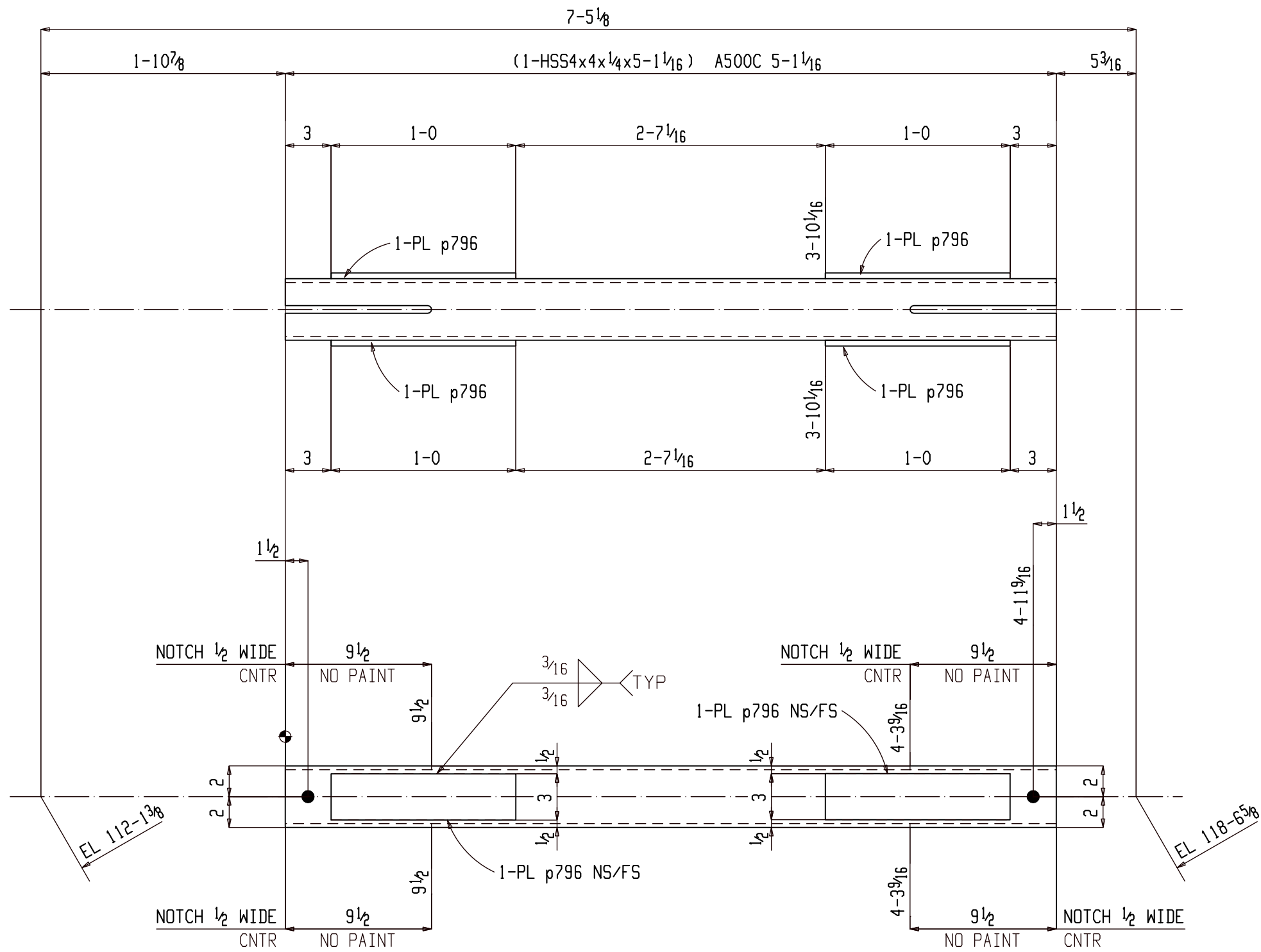
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
				03V304	



ONE VERTICAL BRACE 03V305

(E REFER: E205)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03V305		VERTICAL BRACE				77	77
1		03V305	HSS4x4x1/4	A500C		5-11/16	62	62
4		p796	PL 3/8x3	A572-50		1-0	4	15
			FIELD BOLTS					
2			3/4 Dia A307				5	

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

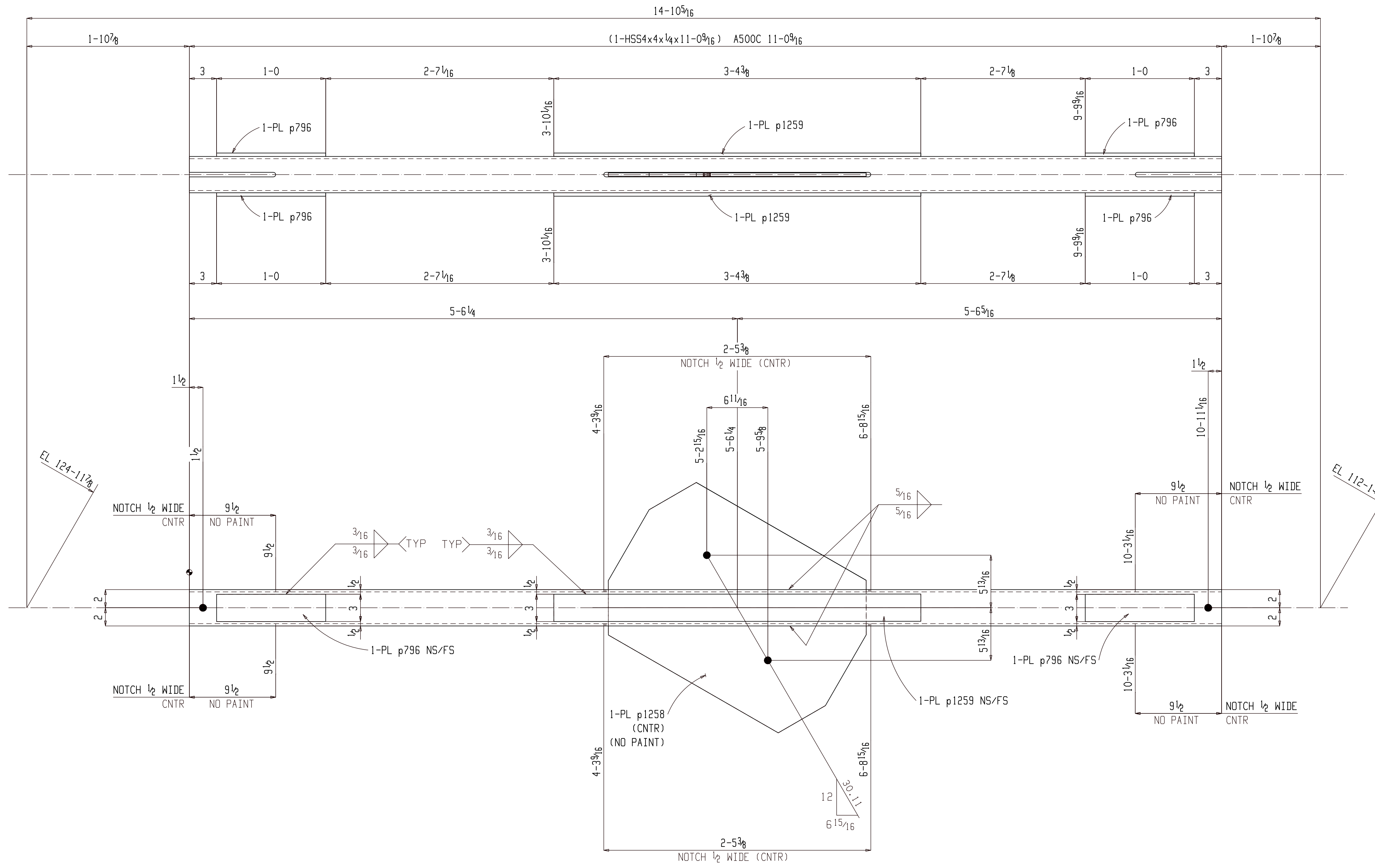
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	ALN	GREAT FALLS, MONTANA			
APPROVED	04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03V306		VERTICAL BRACE					
1		03V306	HSS4x4x1/4	A500C		11-09/16	135	135
1		p1258	PL3/8x19 3/8	A36		2-39/16	57	57
2		p1259	PL3/8x3	A572-50		3-43/8	13	26
4		p796	PL3/8x3	A572-50		1-0	4	15
FIELD BOLTS								
1			3/4 Dia A325N		+1HD		5 1/2	
1			3/4 Dia A307		WASH		5	



ONE VERTICAL BRACE 03V306

(E REFER: E205)

1SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

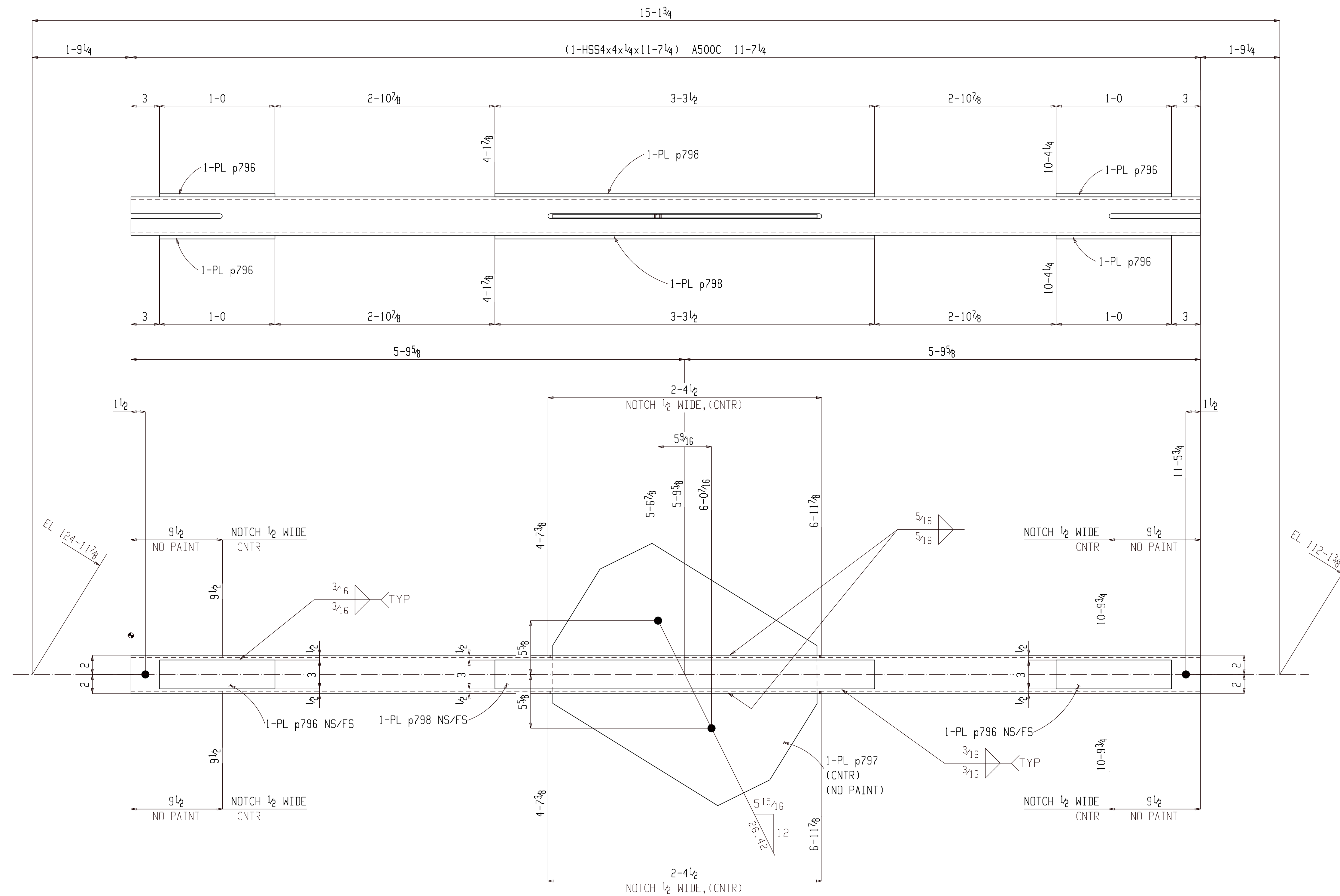
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWN	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	03V306

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight
ONE	03V307		VERTICAL BRACE					238
1		03V307	HSS4x4x1/4	A500C		11-7 1/4	142	142
1		p797	PL 3/8x19 9/16	A572-50		2-2 9/16	55	55
2		p798	PL 3/8x3	A572-50		3-3 1/2	13	25
4		p796	PL 3/8x3	A572-50		1-0	4	15
FIELD BOLTS								
2			3/4 Dia A307				5	



ONE VERTICAL BRACE 03V307

(E REFER: E205)

ISC PRIMER

### FOR APPROVAL

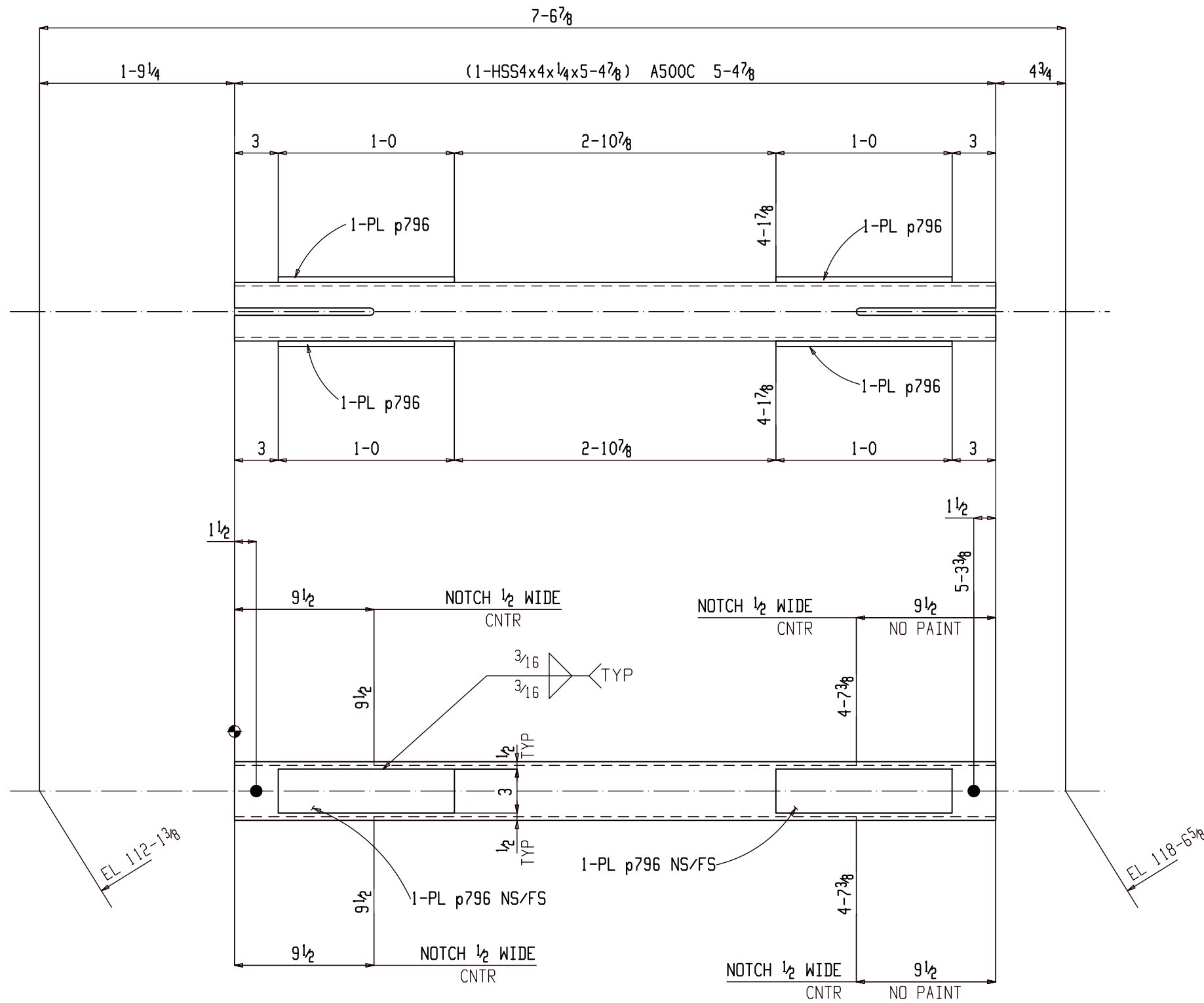
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	03V307
APPROVED	04-04-22				





ONE VERTICAL BRACE 03V308

(E REFER: E205)

ISC PRIMER

BILL OF MATERIAL

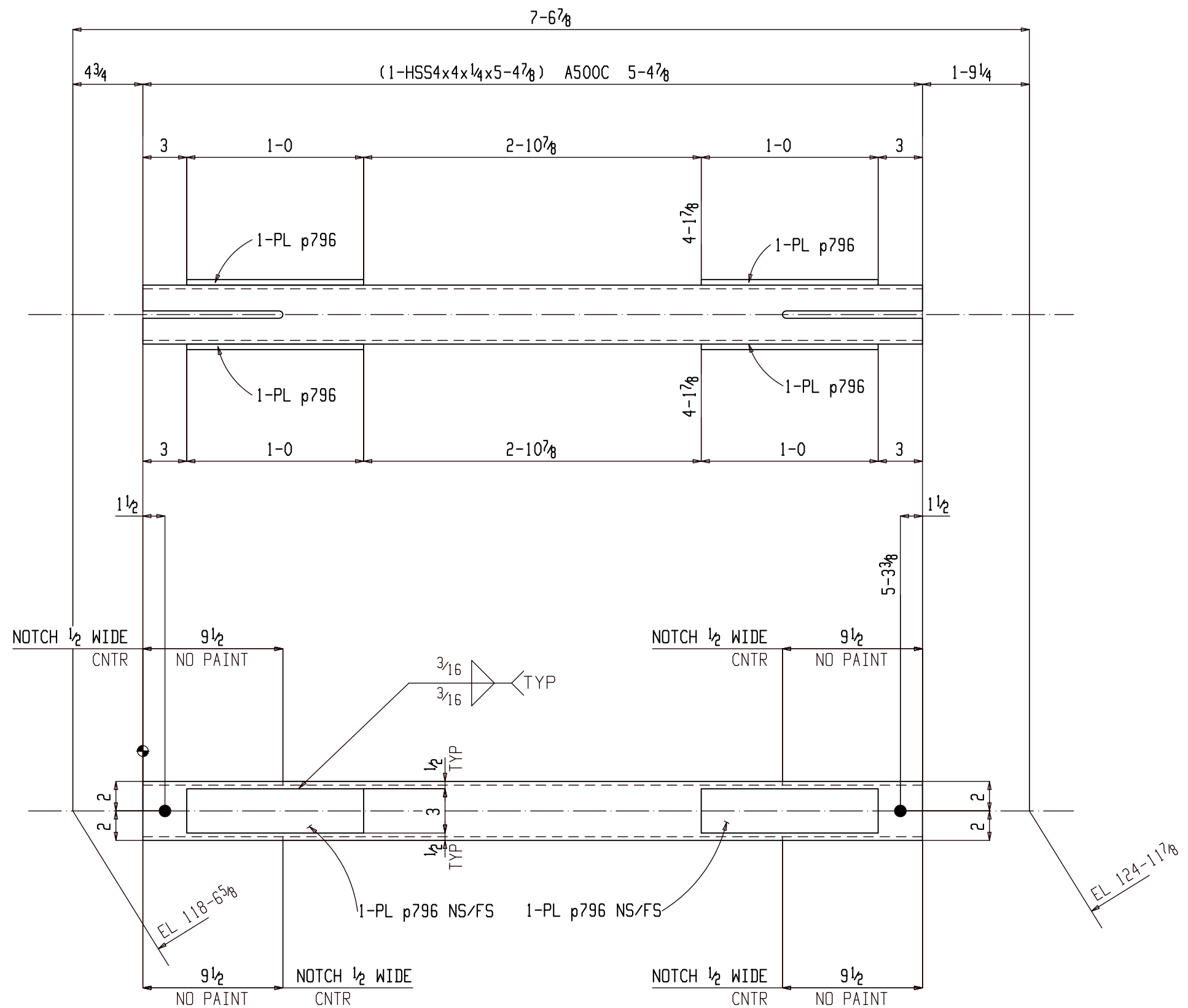
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03V308		VERTICAL BRACE				81	81
1		03V308	HSS4x4x1/4	A500C		5-4 7/8	66	66
4		p796	PL 3/8x3	A572-50		1-0	4	15
			FIELD BOLTS					
2			3/4 Dia A307			5		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			



ONE VERTICAL BRACE 03V309

(E REFER: E205)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	03V309		VERTICAL BRACE				81	81
1		03V309	HSS4x4x1/4	A500C		5-47/8	66	66
4		p796	PL 3/8x3	A572-50		1-0	4	15
FIELD BOLTS								
2			3/4 Dia A307			5		

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

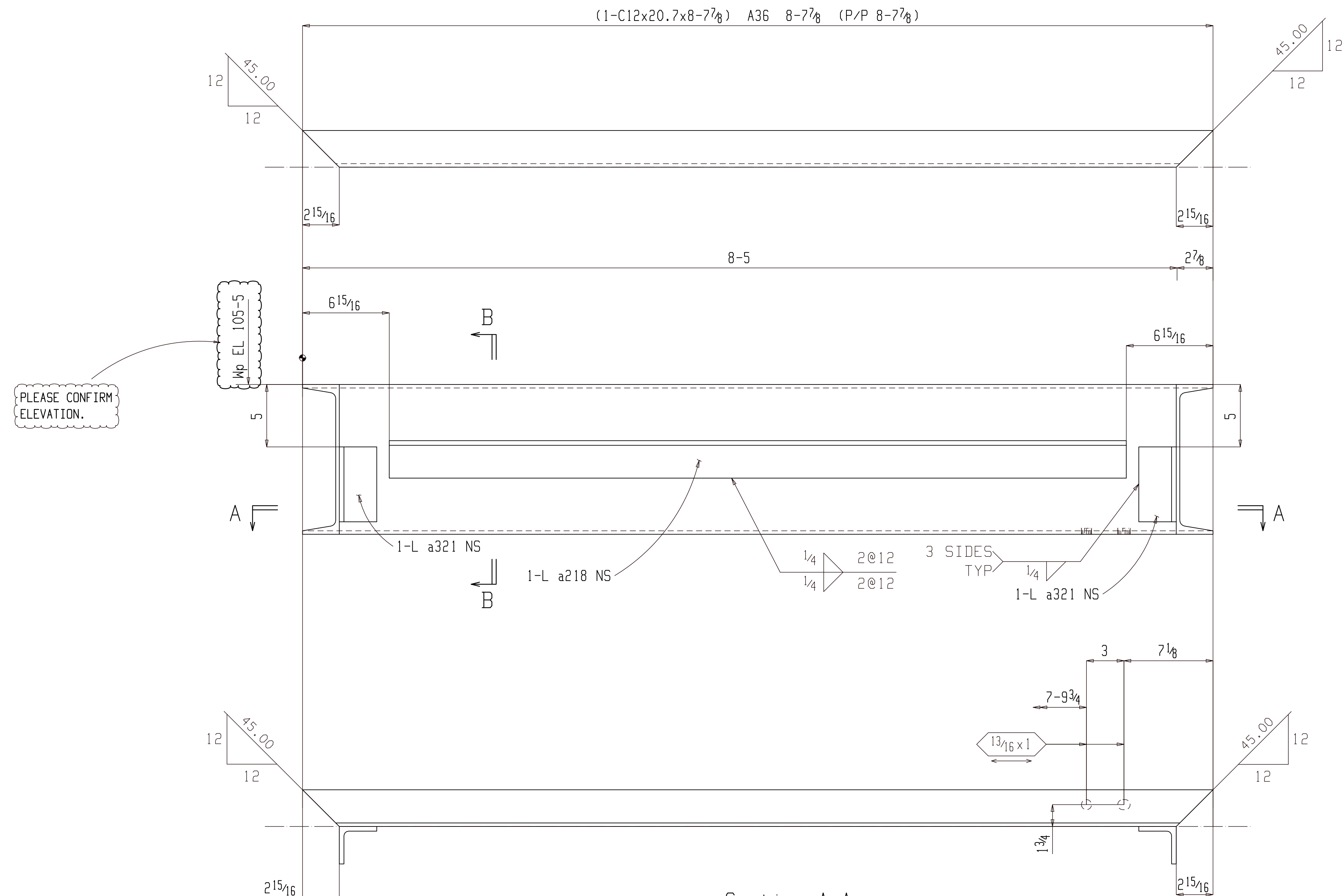
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04B401		BEAM		Galv		240	240
1		04B401	C12x20.7	A36		8-7 7/8	179	179
2		a321	L3x3x3/8	A36		6	4	7
1		a218	L3x3x3/8	A36		7-6	54	54
			FIELD BOLTS					
2			3/4 Dia A325N		+1BV L1H D WASH	2 1/2		

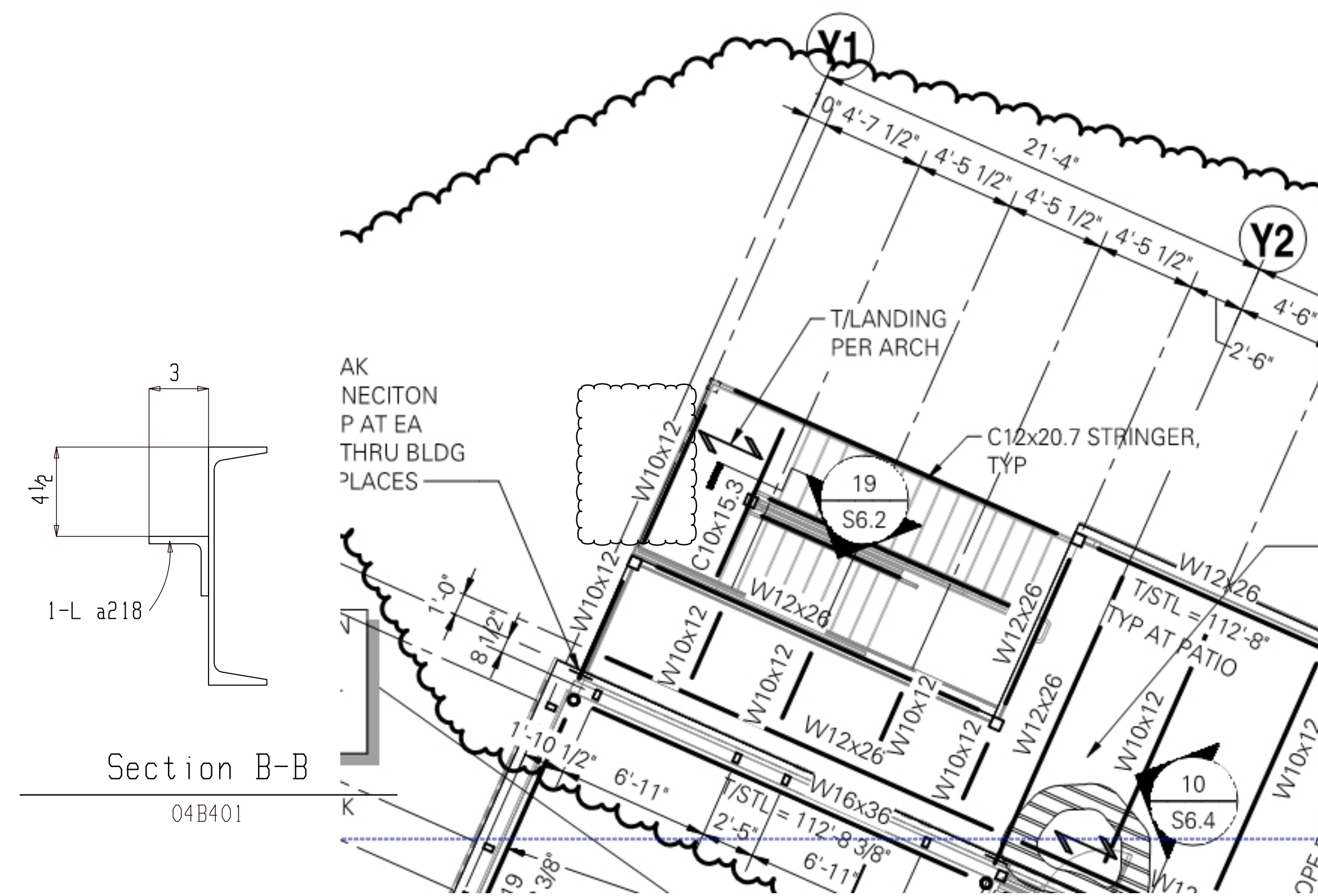


Section A-A  
04B401

**ONE BEAM 04B401**

- W 12x5 5/16
- F 2 15/16 x 1/2
- K 1 1/8 x 3/4

SHOP NOTE:  
TOE DIRECTION FAR SIDE



Section B-B  
04B401

**FOR APPROVAL**

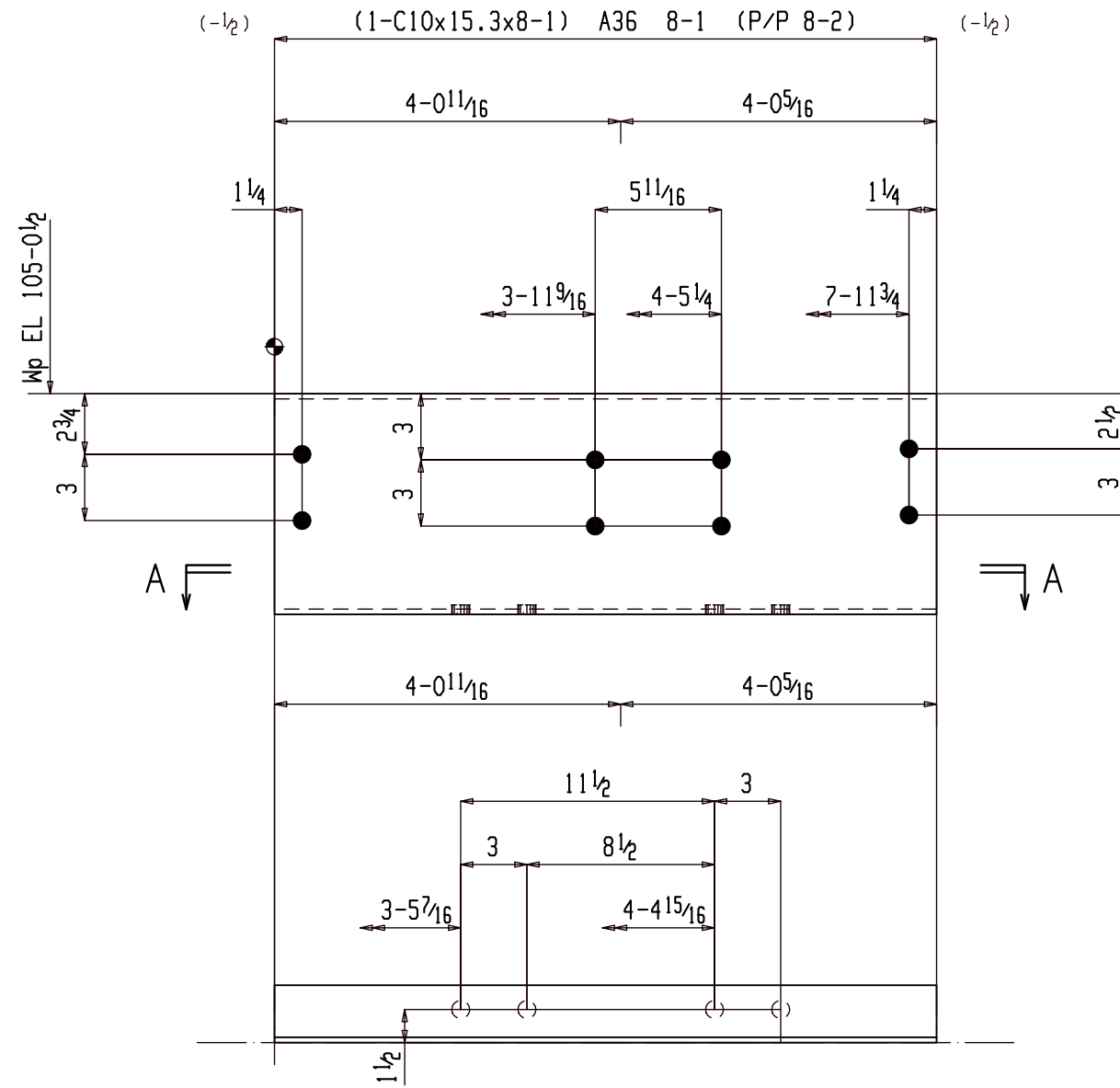
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 3/16" DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		

GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-16-22
		REV	DESCRIPTION	DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	A
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	04B401		
CHECKER		ALN						
APPROVED		04-04-22						



Section A-A

04B402

ONE BEAM 04B402

W	10x 1/4
F	2 5/8 x 7/16
K	1 1/16 x 3/4

SHOP NOTE:  
TOE DIRECTION FAR SIDE

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04B402		BEAM		Galv		124	124
1		04B402	C10x15.3	A36		8-1	124	124
			FIELD BOLTS					
2			3/4 Dia A325N		+1BVL,1H	2 1/2		
2			3/4 Dia A325N		D WASH	2 1/4		
					D WASH			
8			3/4 Dia A325N		+1HD	1 3/4		
					WASH			

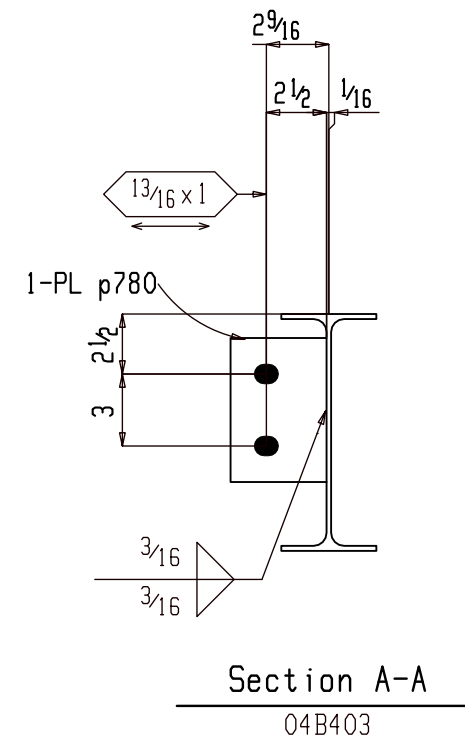
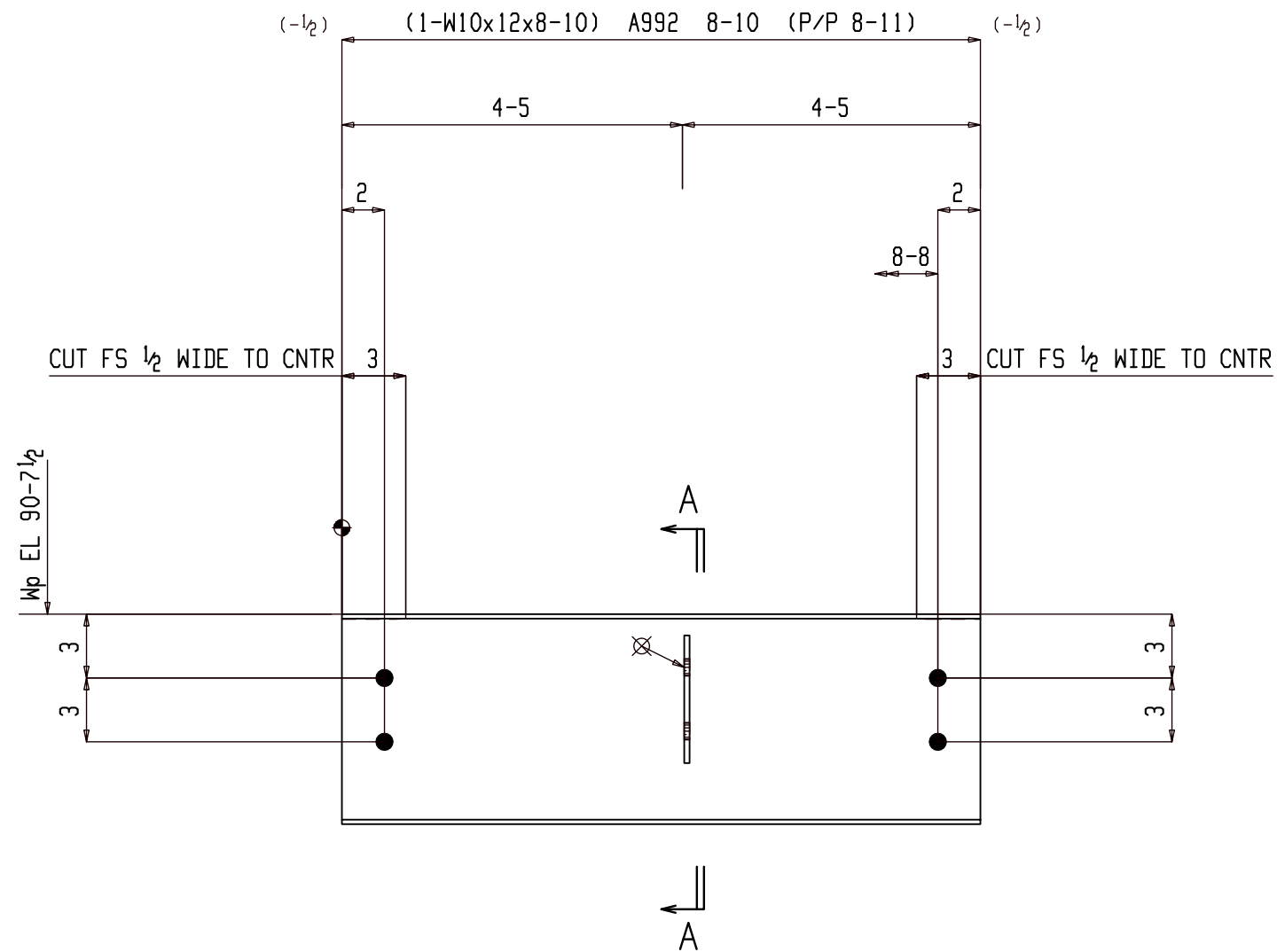
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	04B402
CHECKER		ALN				
APPROVED		04-04-22				



ONE BEAM 04B403

W	$9\frac{7}{8} \times \frac{3}{16}$
F	$3\frac{15}{16} \times \frac{3}{16}$
K	$\frac{3}{4} \times \frac{5}{8}$

(E REFER: XXX)

ISC PRIMER

### BILL OF MATERIAL

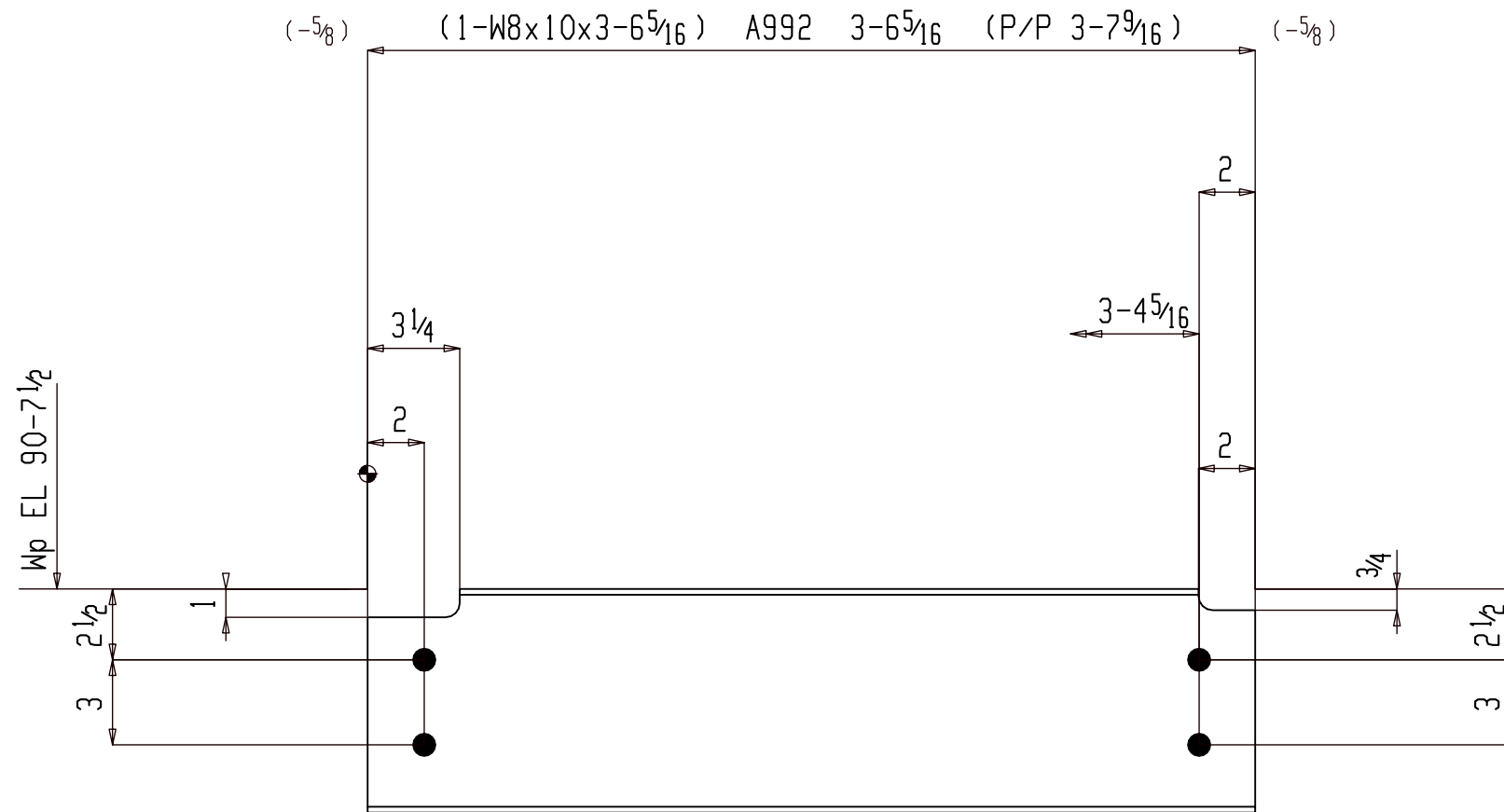
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04B403		BEAM				108	108
1		04B403	W10x12	A992		8-10	106	106
1		p780	PL 1/4x4	A36		6	2	2
FIELD BOLTS								
4			3/4 Dia A325N		+1HD WASH	13/4		

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		04B403	
CHECKER		ALN									
APPROVED		04-04-22									



ONE BEAM 04B404

W	$7\frac{7}{8} \times \frac{3}{16}$
F	$3\frac{15}{16} \times \frac{3}{16}$
K	$1\frac{1}{16} \times \frac{9}{16}$

### BILL OF MATERIAL

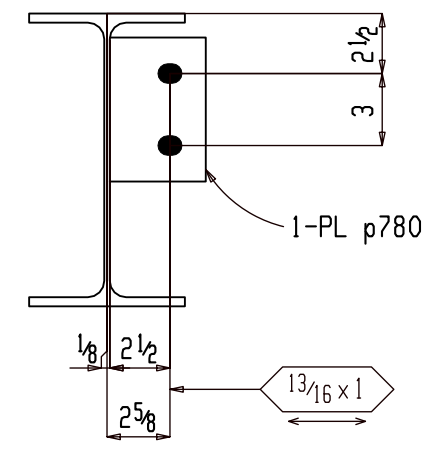
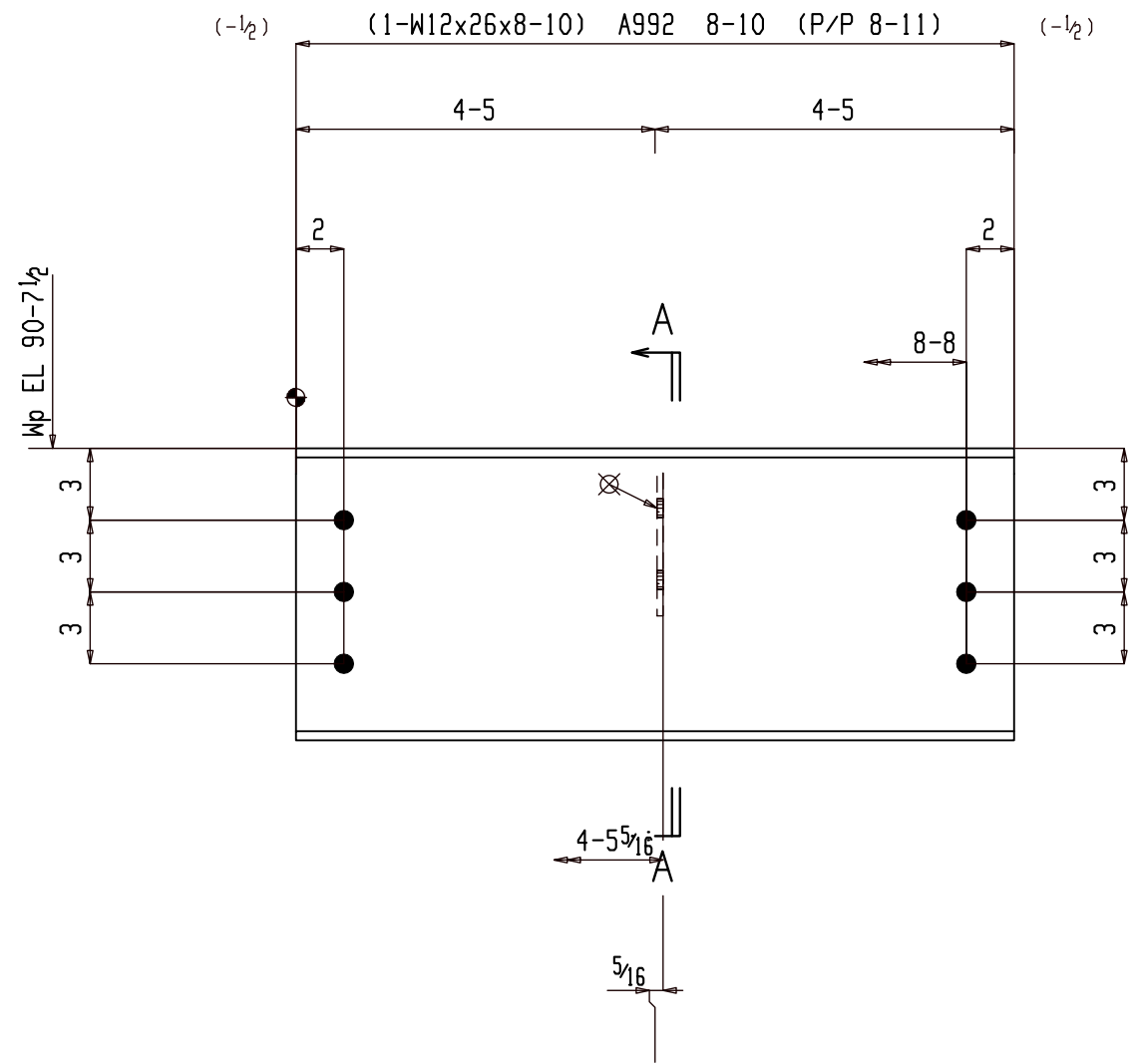
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04B404		BEAM				35	35
1		04B404	W8x10	A992		3-65/16	35	35
			FIELD BOLTS					
4			3/4 Dia A325N		+1HD	1 1/2		
					WASH			

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
APPROVED		JOB LOCATION		DWG NO	
				04B404	



Section A-A  
04B405

ONE BEAM 04B405

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 <sup>1</sup> / <sub>2</sub> x 3/8
K	1 <sup>1</sup> / <sub>16</sub> x 13/16

(E REFER: XXX)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04B405		BEAM				231	231
1		04B405	W12x26	A992		8-10	230	230
1		p780	PL 1/4x4	A36		6	2	2
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	13/4		

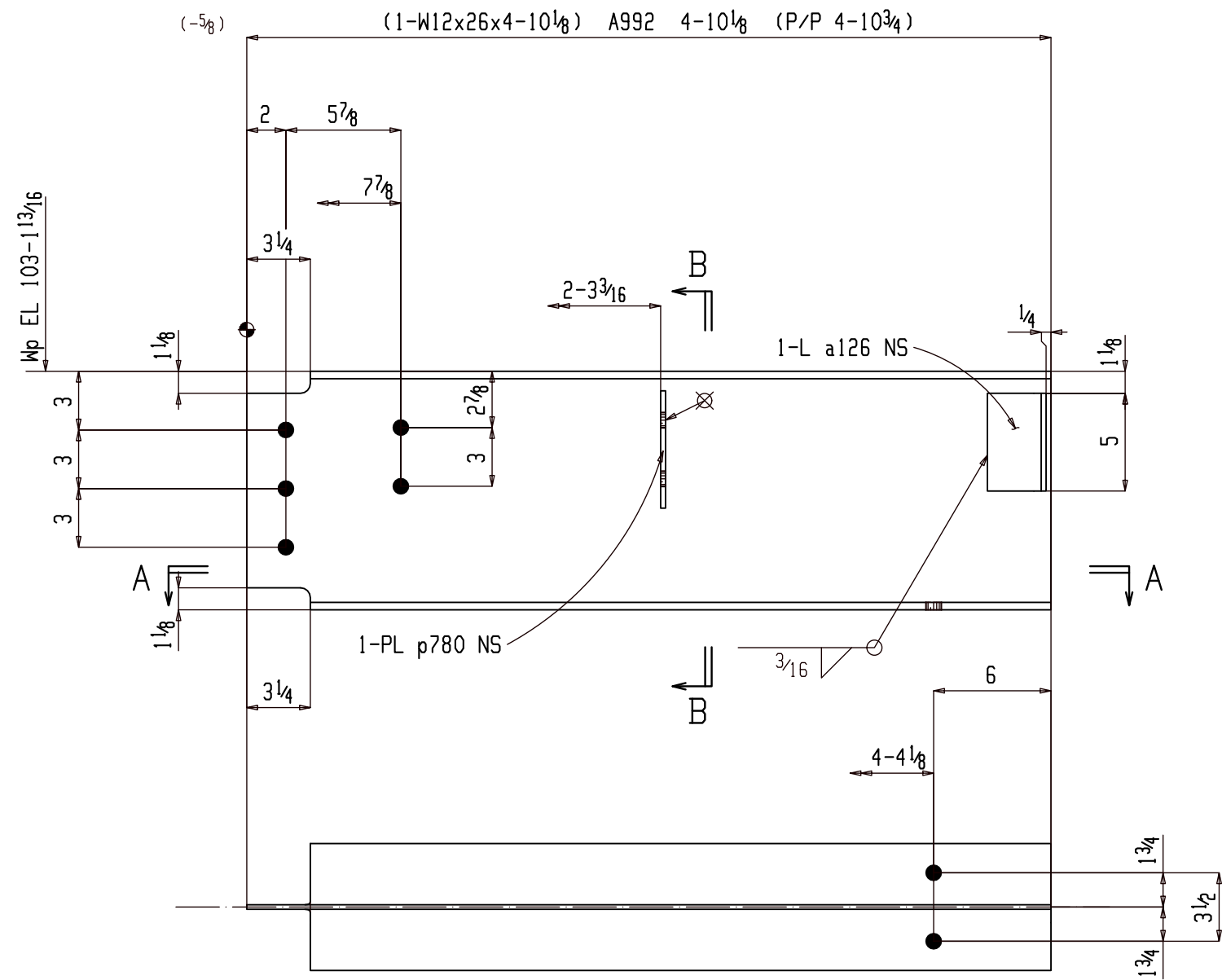
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	04B405
CHECKER		ALN				
APPROVED		04-04-22				



Section A-A

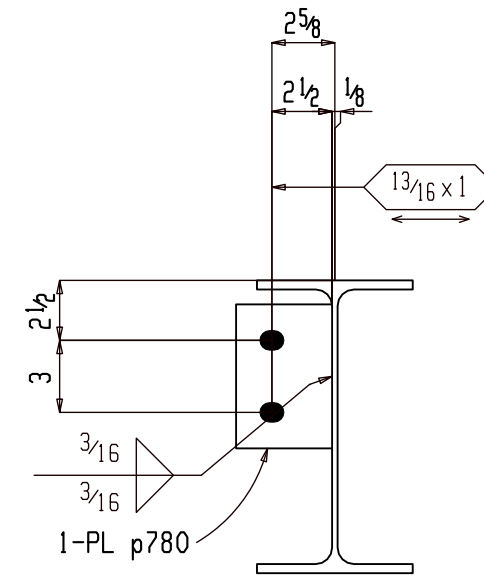
04B406

ONE BEAM 04B406

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 1/2 x 3/8
K	1 1/16 x 13 <sup>1</sup> / <sub>16</sub>

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04B406		BEAM				130	130
1		04B406	W12x26	A992		4-10 <sup>1</sup> / <sub>8</sub>	126	126
1		p780	PL 1/4x4	A36		6	2	2
1		a126	L3x3x1/4	A36		5	2	2
FIELD BOLTS								
2			3/4 Dia A325N		+1HD		2	
					WASH			
3			3/4 Dia A325N		+1HD	1 1/2		
					WASH			



Section B-B

04B406

FOR APPROVAL

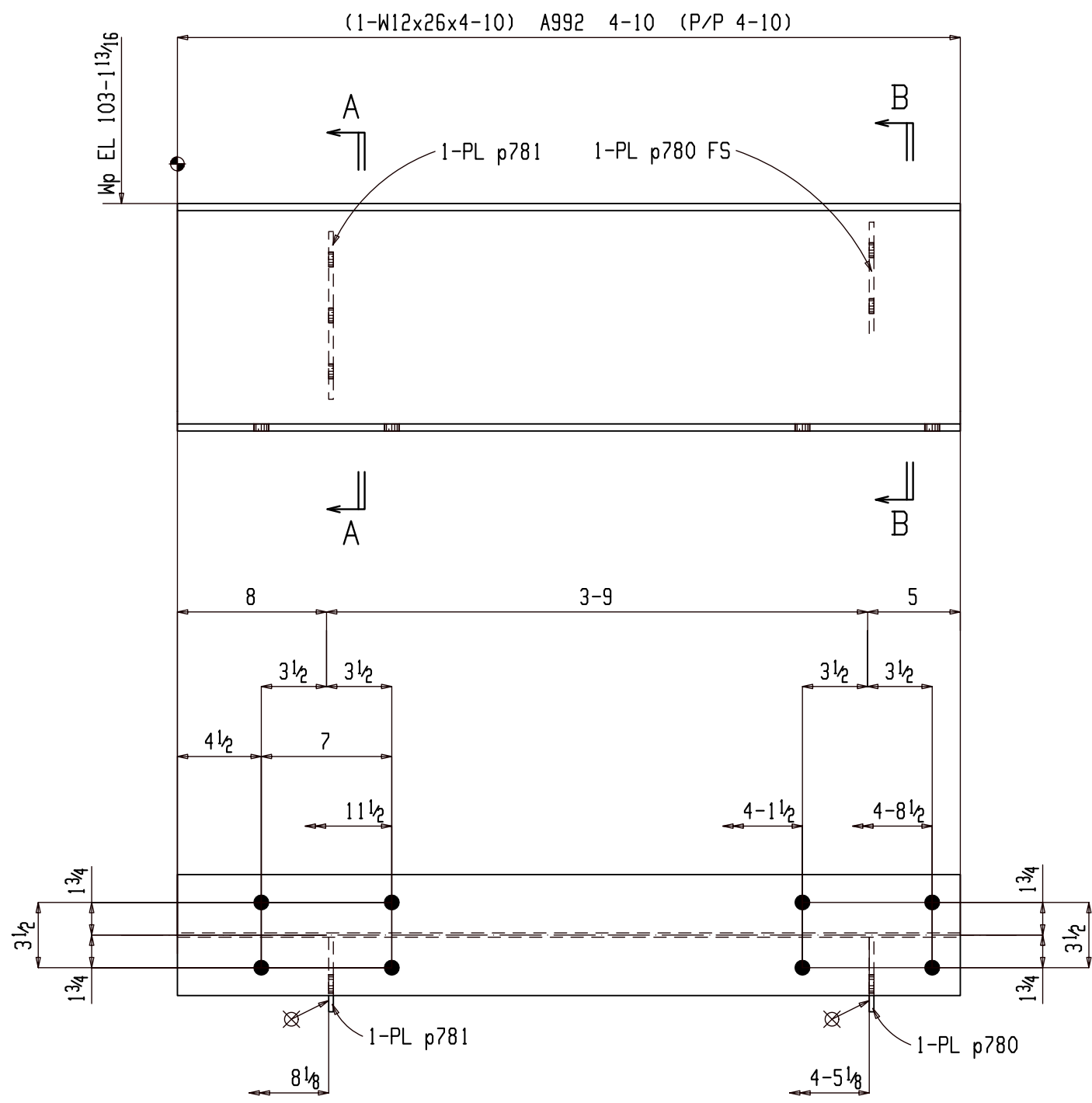
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	04B406
CHECKER		ALN				
APPROVED		04-04-22				



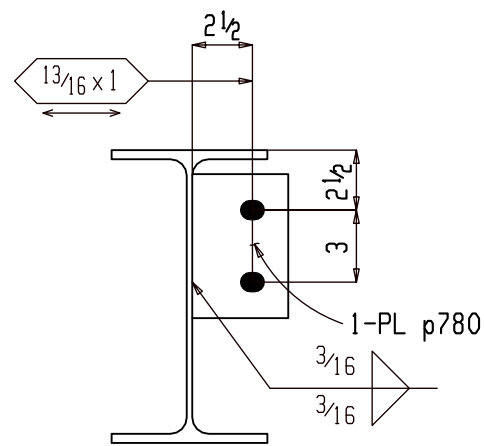


ONE BEAM 04B407

W 12<sup>3</sup>/<sub>16</sub> x 1/4  
 F 6<sup>1</sup>/<sub>2</sub> x 3/8  
 K 1<sup>1</sup>/<sub>16</sub> x 1<sup>3</sup>/<sub>16</sub>

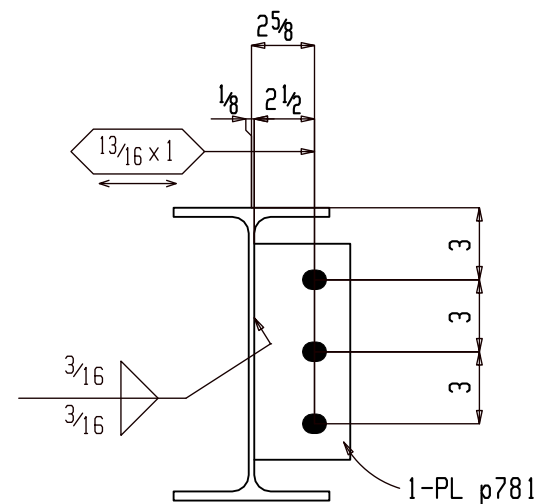
(E REFER: E402)

1SC PRIMER



Section B-B

04B407



Section A-A

04B407

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04B407		BEAM				130	130
1		04B407	W12x26	A992		4-10	126	126
1		p781	PL 1/4x4	A36		9	3	3
1		p780	PL 1/4x4	A36		6	2	2
FIELD BOLTS								
8			3/4 Dia A325N		+1HD WASH		2	

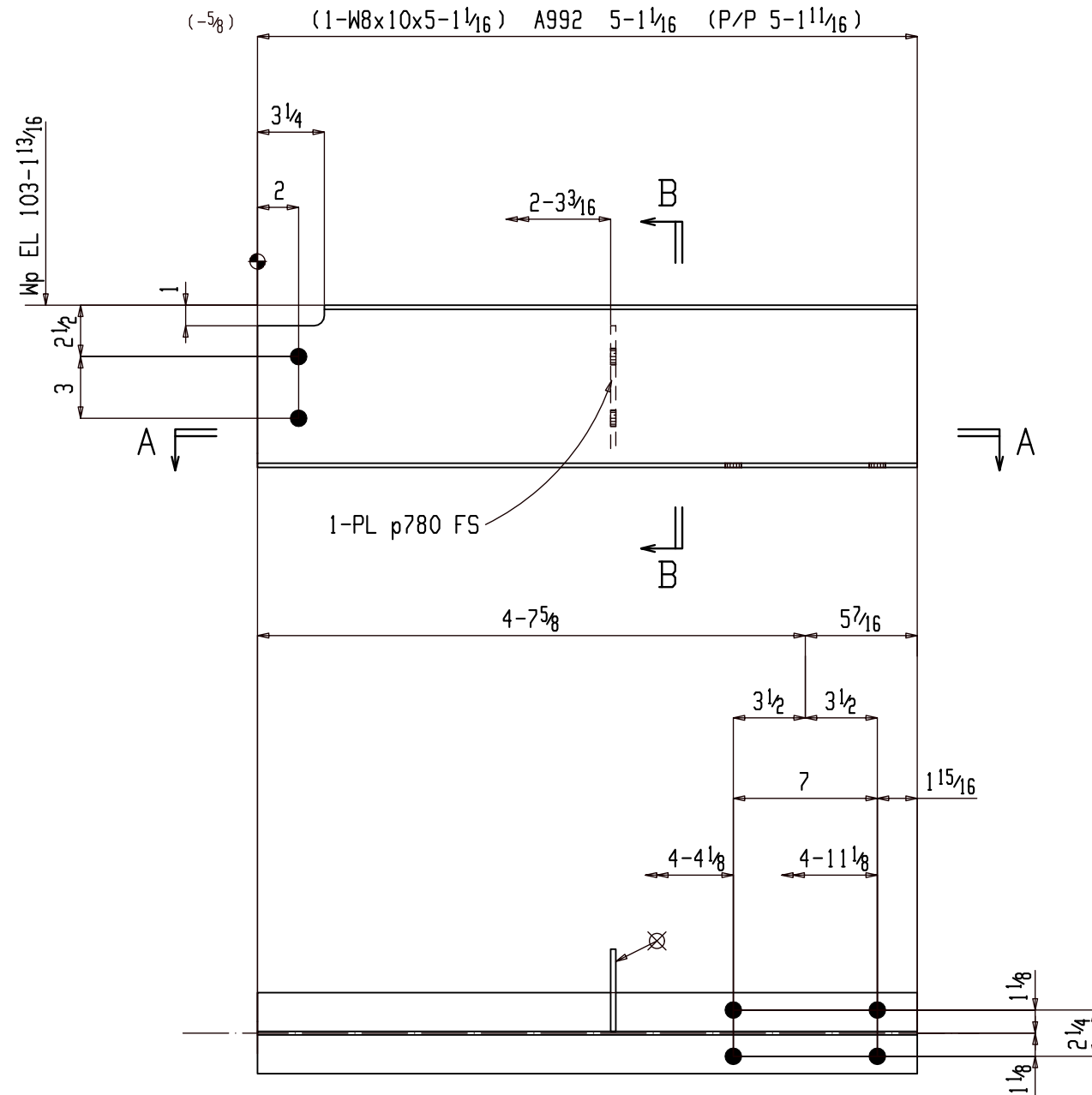
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER	ALN		
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
				DWG NO	04B407



Section A-A

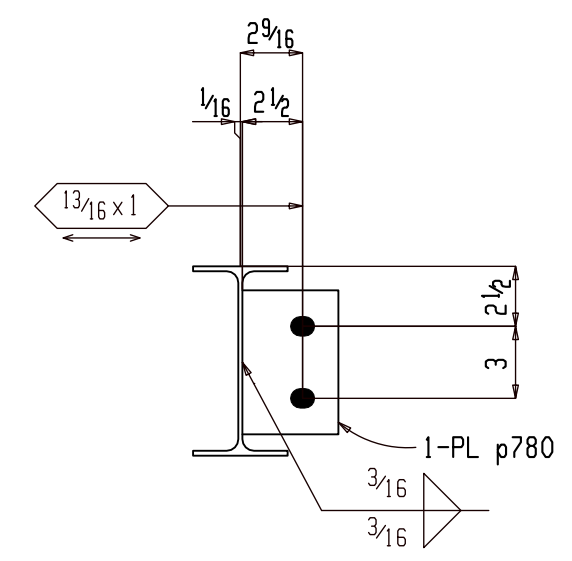
04B408

ONE BEAM 04B408

W	7 7/8 x 3/16
F	3 15/16 x 3/16
K	1 1/16 x 9/16

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04B408		BEAM				53	53
1		04B408	W8x10	A992		5-1 1/16	51	51
1		p780	PL 1/4x4	A36		6	2	2
FIELD BOLTS								
4			3/4 Dia A325N		+1HD	1 3/4		
					WASH			
2			3/4 Dia A325N		+1HD	1 1/2		
					WASH			



Section B-B

04B408

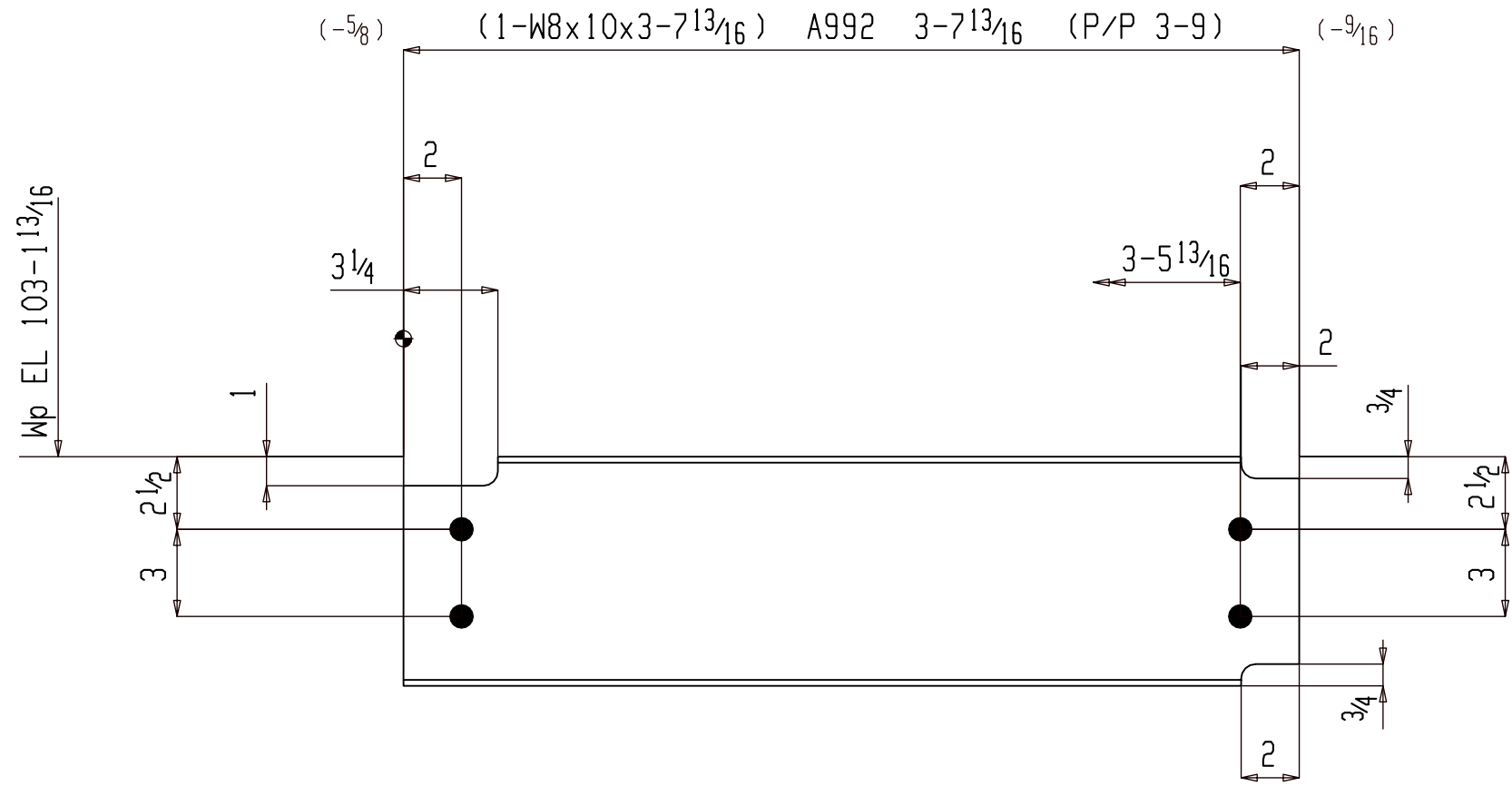
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME		MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION		GREAT FALLS, MONTANA	DWG NO	04B408
CHECKER		ALN					
APPROVED		04-04-22					



ONE BEAM 04B409

W	7 7/8 x 3/16
F	3 15/16 x 3/16
K	1 1/16 x 9/16

(E REFER: E402)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04B409		BEAM				37	37
1		04B409	W8x10	A992		3-7 13/16	37	37
			FIELD BOLTS					
4			3/4 Dia A325N		+1HD WASH	1 1/2		

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE



HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-16-22
		REV	DESCRIPTION DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	04B409
CHECKER		ALN				
APPROVED		04-04-22				

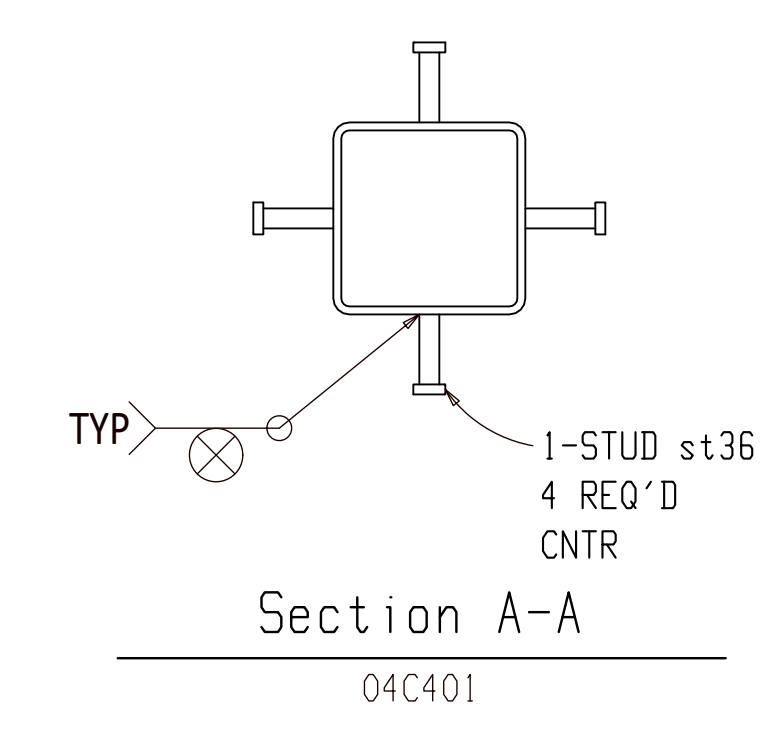
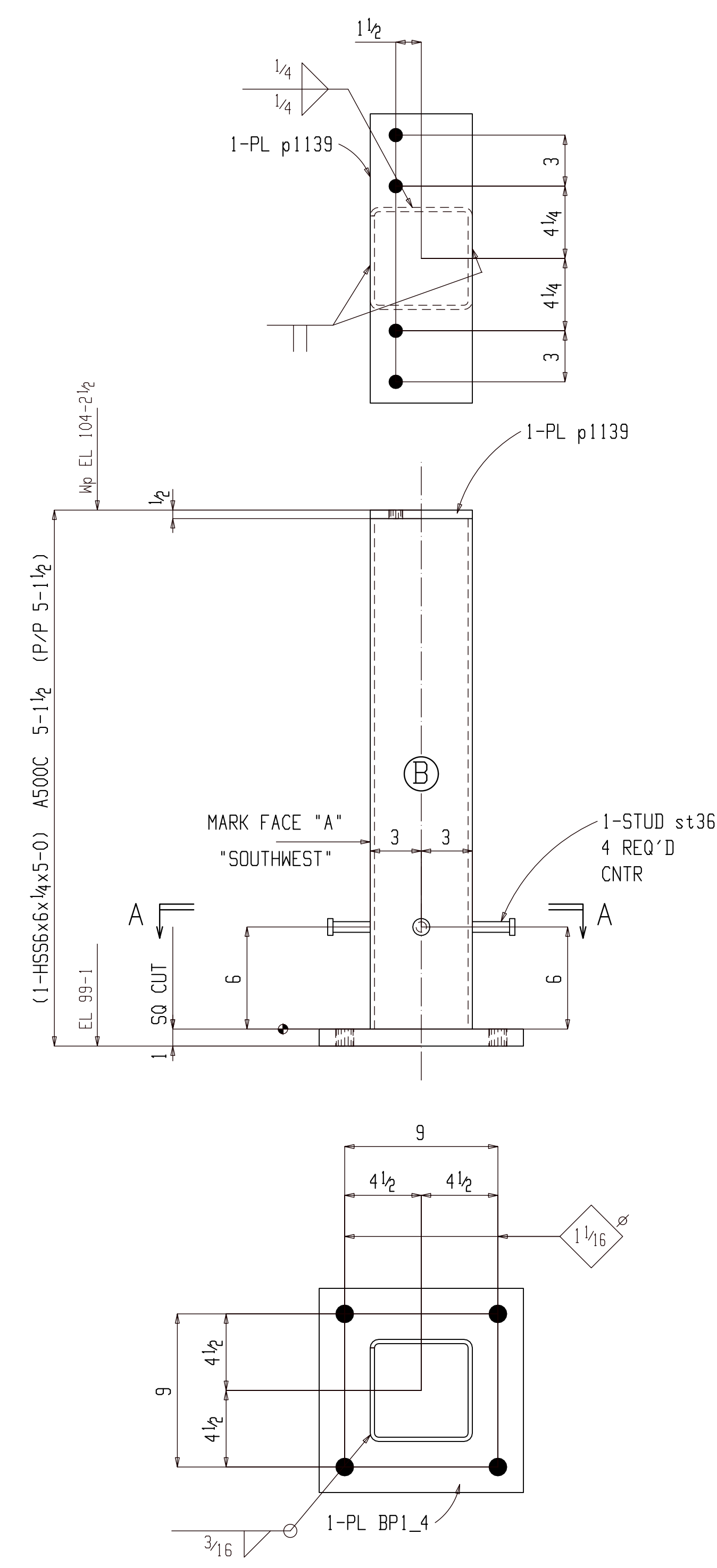
## BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> " DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION      DATE
			
GENERAL ARRANGEMENT			
DETAILER: AKM DATE: 04-04-22 CHECKER: ALN APPROVED: 04-04-22	JOB NAME: MILWAUKEE STATION APARTMENTS JOB LOCATION: GREAT FALLS, MONTANA	PROJECT NO: 2210 DWG NO: 04B410	REV: 

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04C401		COLUMN		Galv		151	151
1		04C401	HSS6x6x1/4	A500C	S2E	5-0	95	95
4		st36	WS5/8	A108		2 1/2	0	1
1		BP1_4	PL1x12	A36		1-0	41	41
1		p1139	PL1/2x6	A36		1-5	14	14



ONE COLUMN 04C401

AT GRID: (E REFER: E402 & E404)  
y-2 & x-2

GLAVANIZED

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
REV	DESCRIPTION		DATE

GENERAL ARRANGEMENT

PROJECT NO: 2210 REV: A

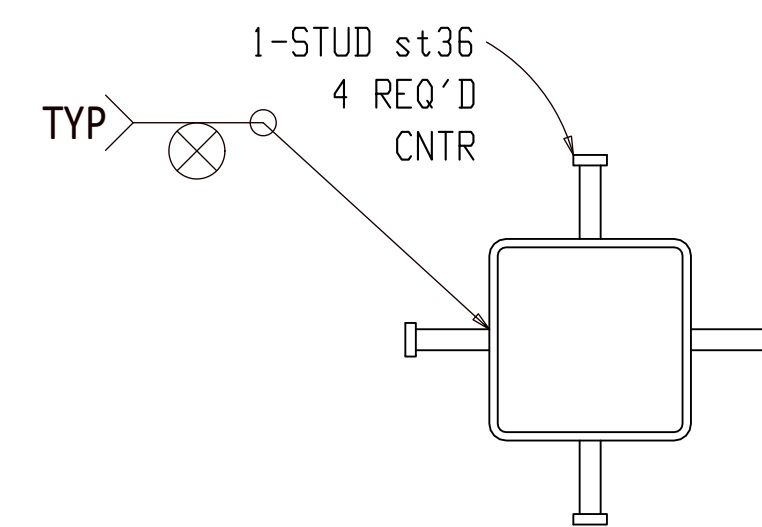
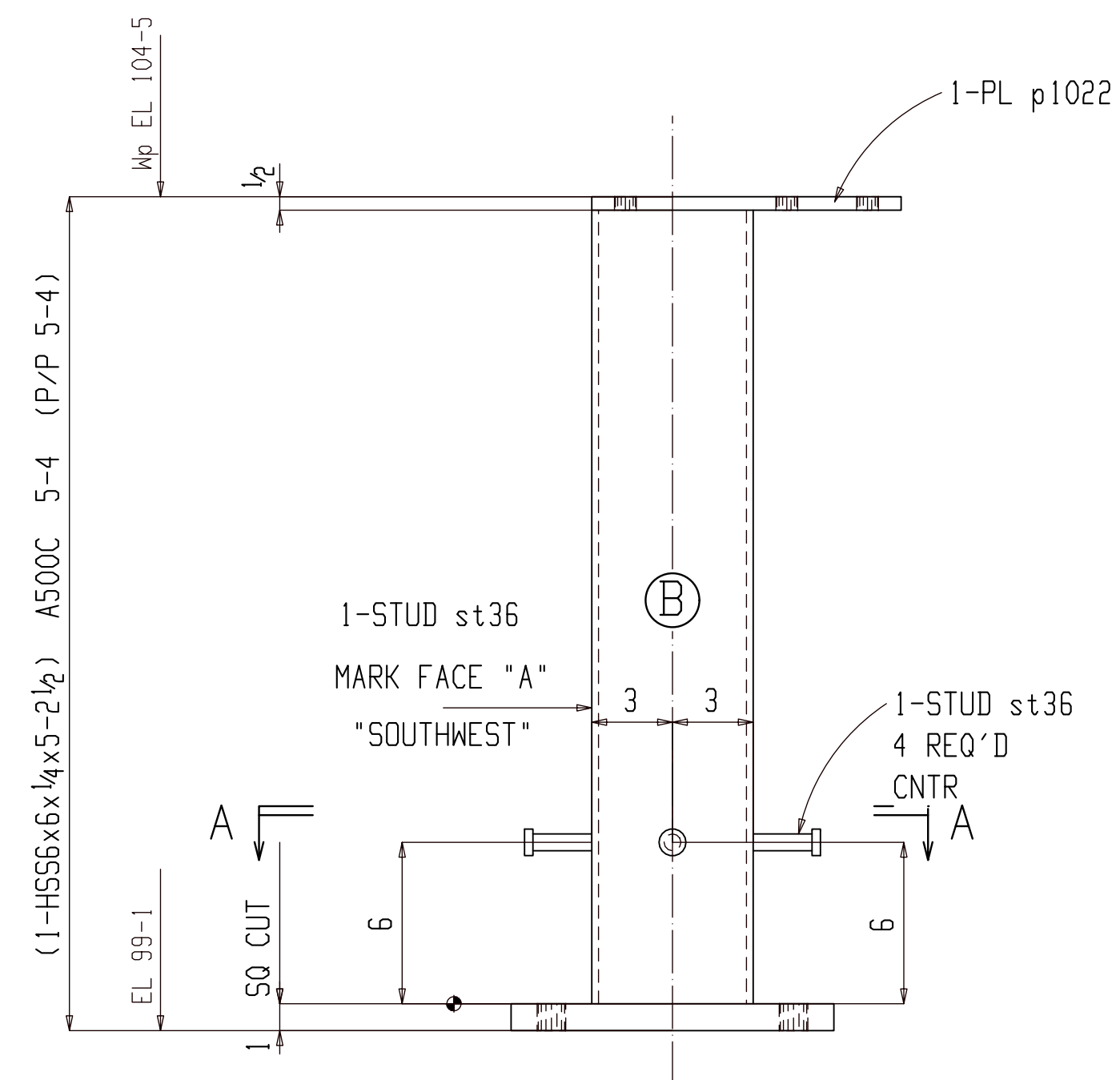
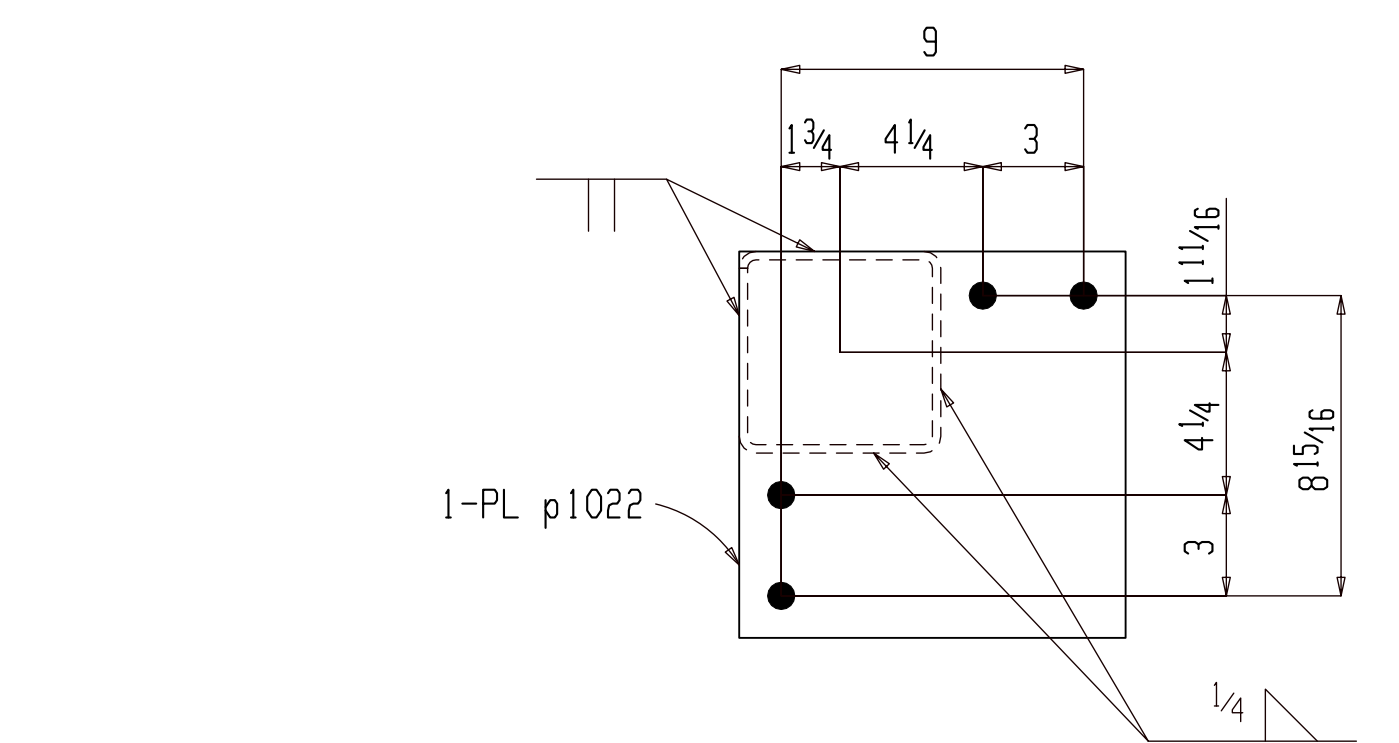
DATE: 04-04-22 JOB NAME: MILWAUKEE STATION APARTMENTS

CHECKER: ALN JOB LOCATION: GREAT FALLS, MONTANA

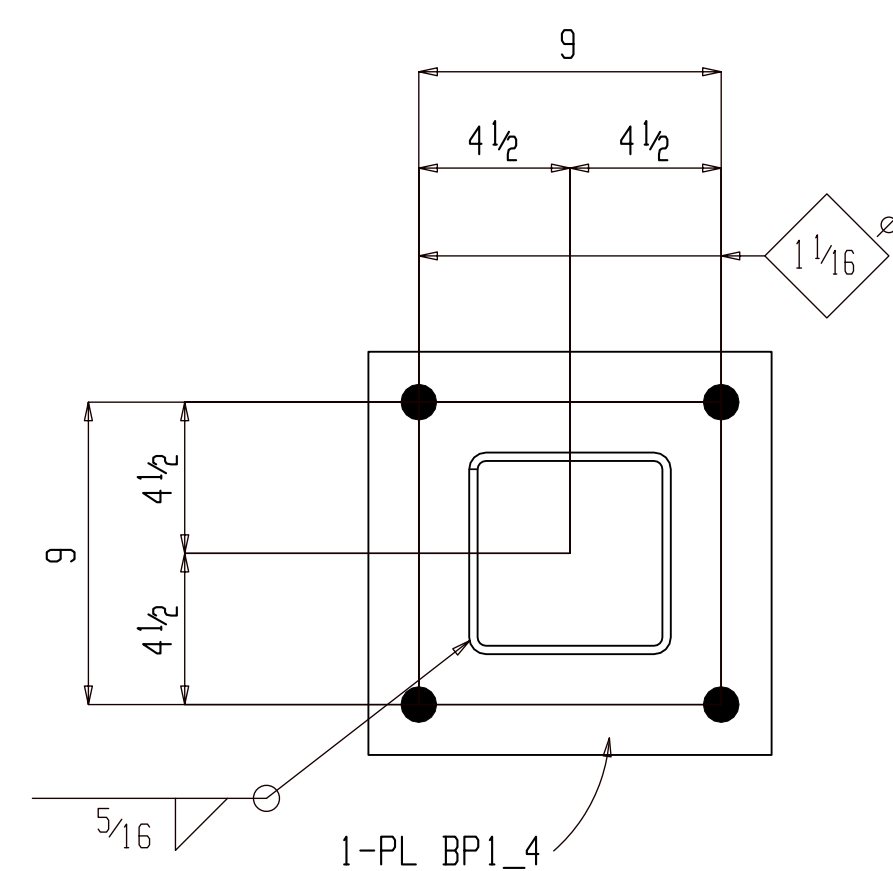
APPROVED: 04-04-22 DWG NO: 04C401

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04C402		COLUMN		Galv		160	160
1		04C402	HSS6x6x1/4	A500C	S2E	5-21/2	99	99
4		st36	WS5/8	A108		21/2	0	1
1		BP1_4	PL1x12	A36		1-0	41	41
1		p1022	PL1/2x111/2	A36		111/2	19	19



Section A-A  
04C402



**ONE COLUMN 04C402**

AT GRID: (E REFER: E402 & E404)  
y-1 & x-3  
**GALVANIZED**

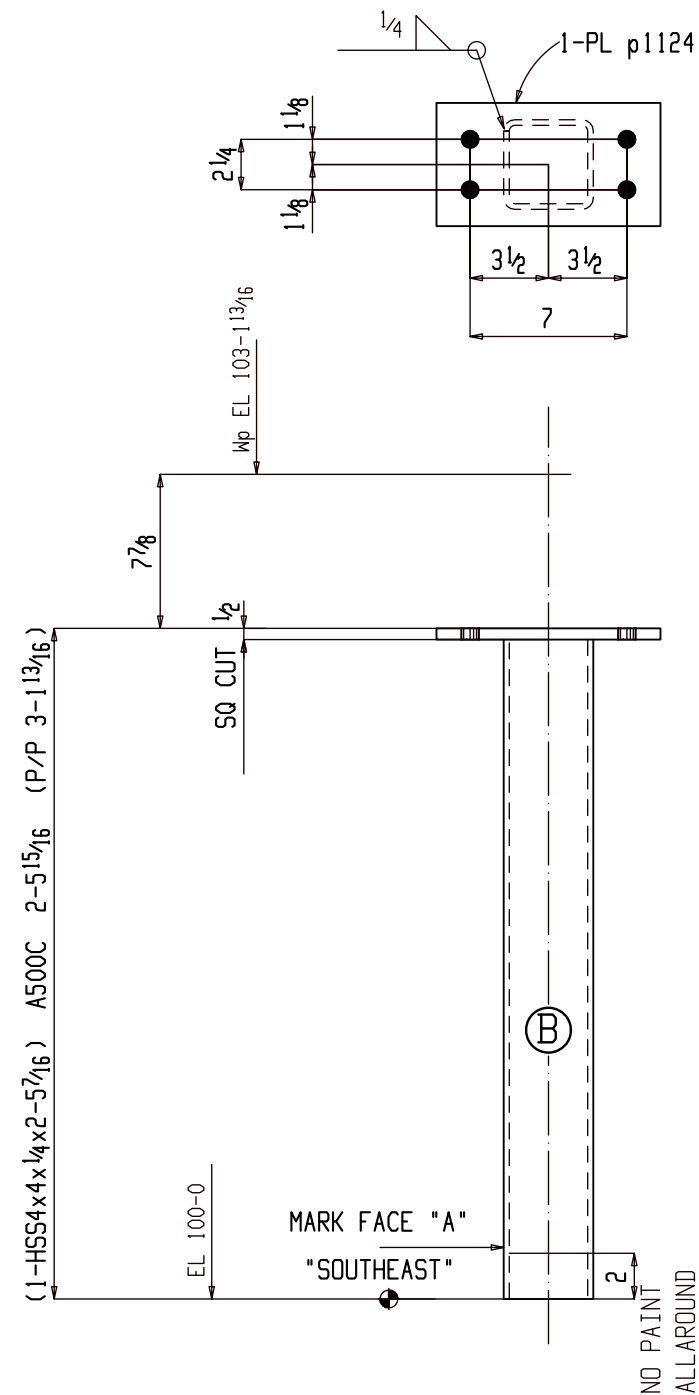
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE
			05-16-22



GENERAL ARRANGEMENT			PROJECT NO	REV
DRAWER	AKM	JOB NAME	2210	△
DATE	04-04-22	MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		
APPROVED	04-04-22	GREAT FALLS, MONTANA		
			DWG NO	04C402



ONE COLUMN 04C403

AT GRID: (E REFER: E402 & E404)  
y-4 & X3

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04C403		COLUMN				38	38
1		04C403	HSS4x4x1/4	A500C	S1E	2-5 7/16	30	30
1		p1124	PL 1/2x5 1/2	A36		10	8	8

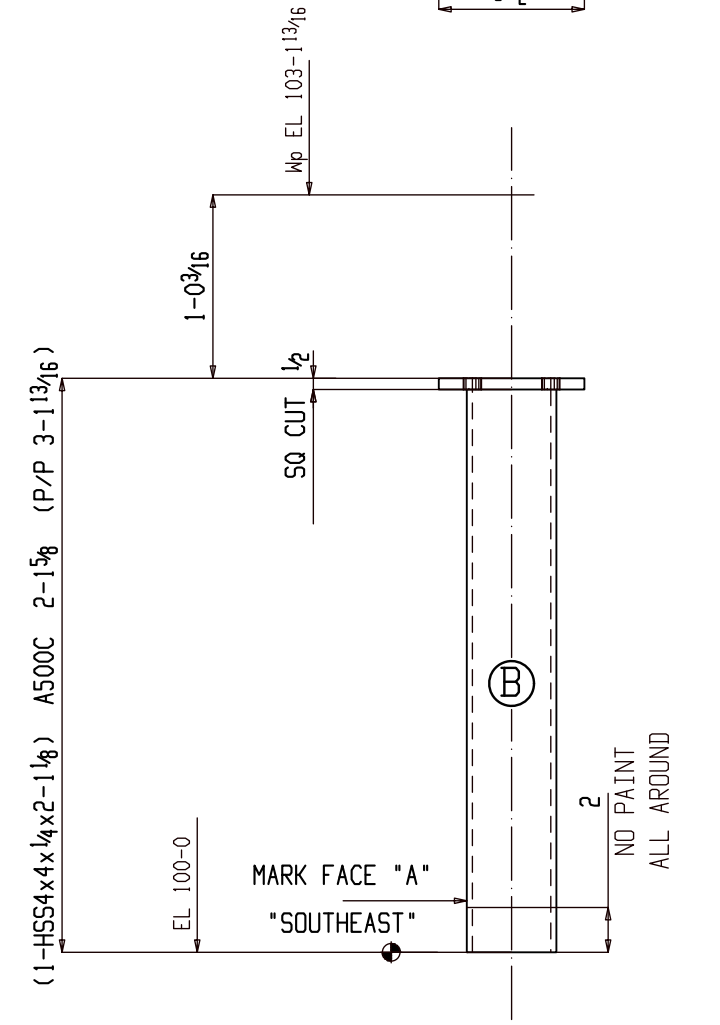
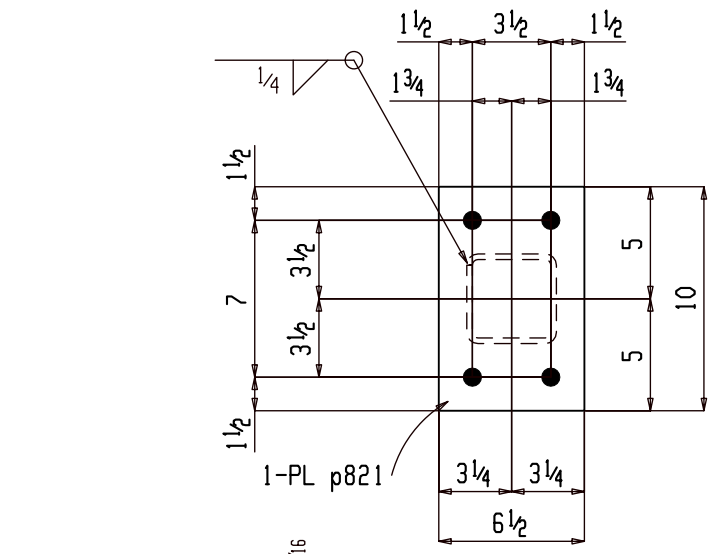
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	ALN	GREAT FALLS, MONTANA			
APPROVED	04-04-22				



ONE COLUMN 04C404

AT GRID: (E REFER: E402 & E404)  
y-4 & X3

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04C404		COLUMN				35	35
1		04C404	HSS4x4x1/4	A500C	S1E	2-1 1/8	26	26
1		p821	PL 1/2x6 1/2	A36		10	9	9

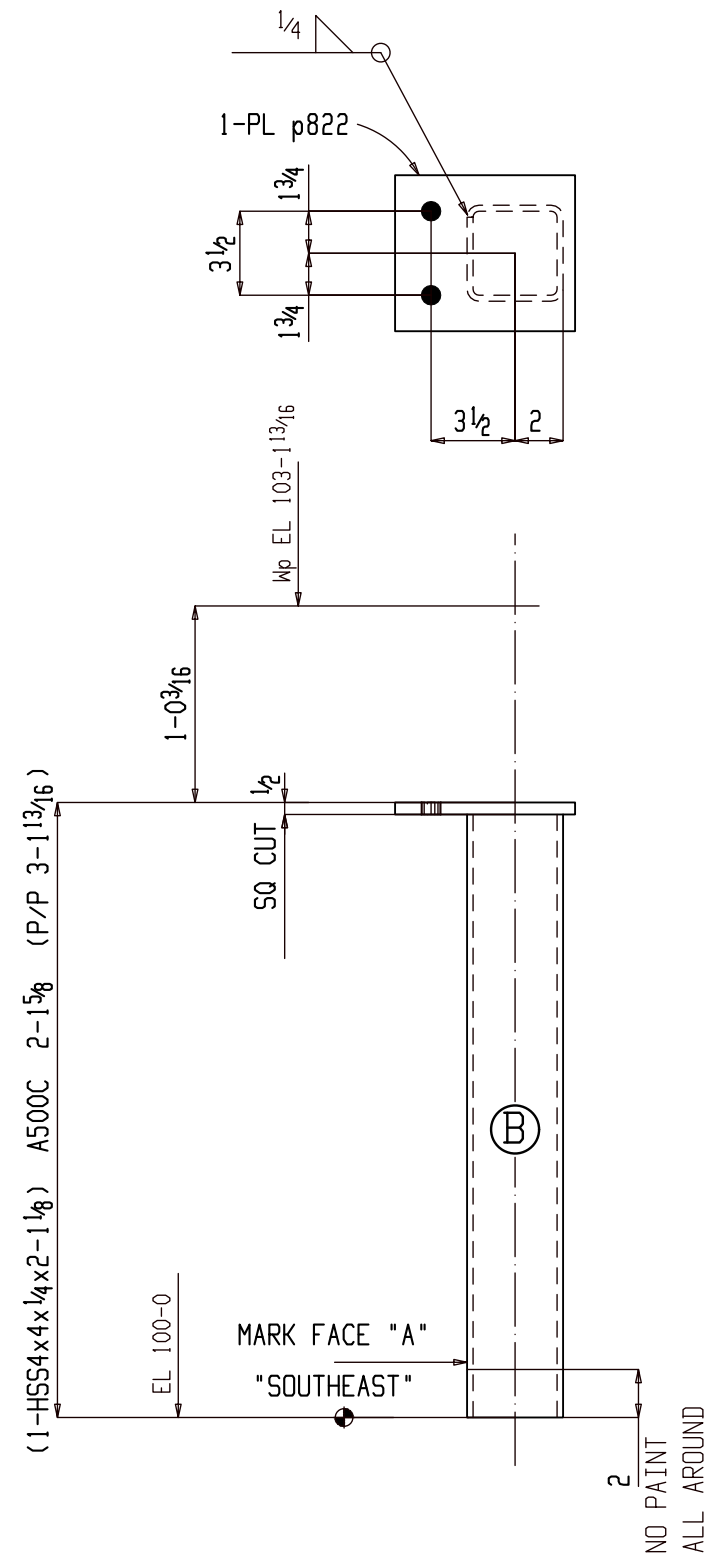
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DETAILER	AKM	JOB NAME	2210	
DATE	04-04-22	MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		
APPROVED	04-04-22	GREAT FALLS, MONTANA		
			DWG NO	
			04C404	





ONE COLUMN 04C405

AT GRID: (E REFER: E402 & E404)  
y-4 & X3

1SC PRIMER

BILL OF MATERIAL

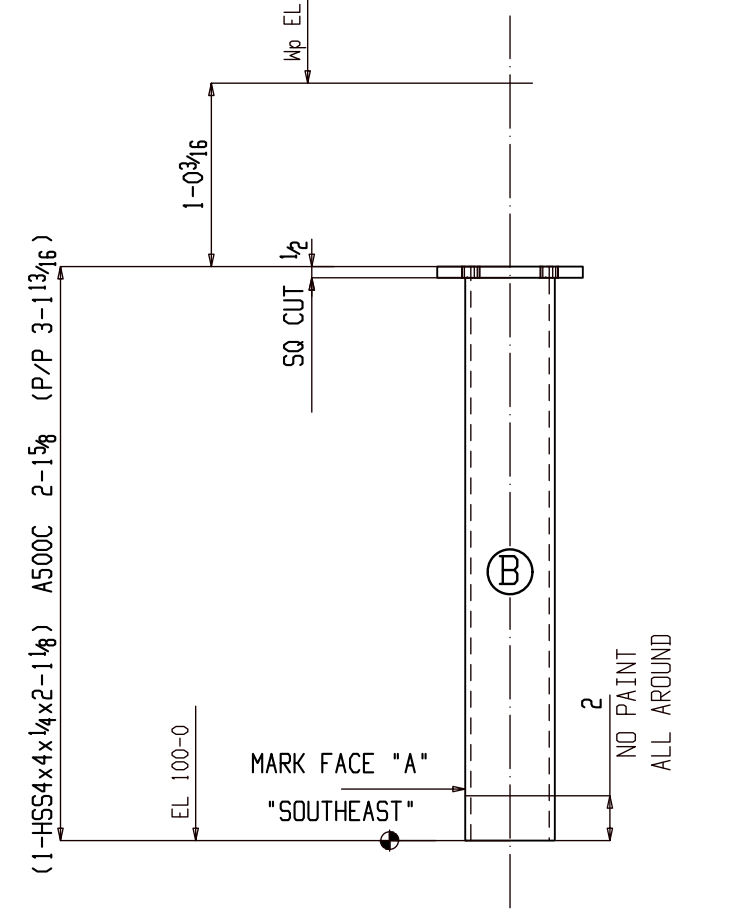
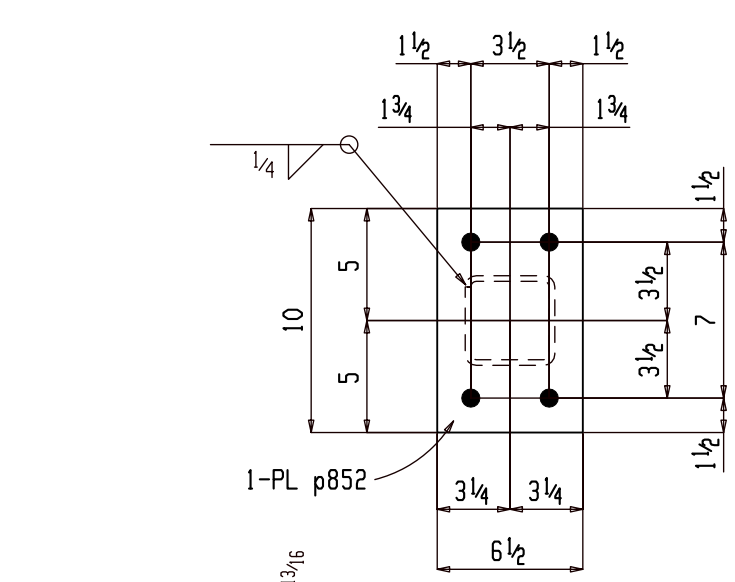
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04C405		COLUMN				32	32
1		04C405	HSS4x4x1/4	A500C	S1E	2-1 1/8	26	26
1		p822	PL 1/2x6 1/2	A36		7 1/2	7	7

**FOR APPROVAL**  
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	REV	
CHECKER	ALN			DWG NO	04C405
APPROVED	04-04-22				



**ONE COLUMN 04C406**

AT GRID:  
y-4 & X3

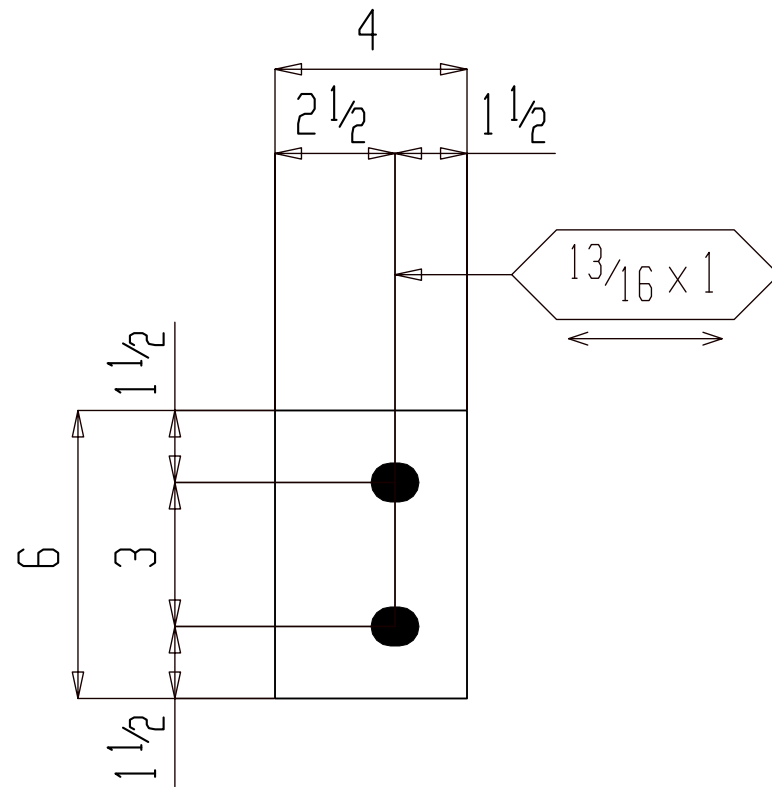
(E REFER: E402 & E404)

1SC PRIMER

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04C406		COLUMN				35	35
1		04C406	HSS4x4x1/4	A500C	S1E	2-1 1/8	26	26
1		p852	PL 1/2x6 1/2	A36		10	9	9

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	04C406
CHECKER	ALN				
APPROVED	04-04-22				



2 PLATES 04M401

(E REFER: E401)  
(S REFER : 9/S6.2)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	04M401		PLATE				2	3
2		04M401	PL $1/4 \times 4$	A36		6	2	3

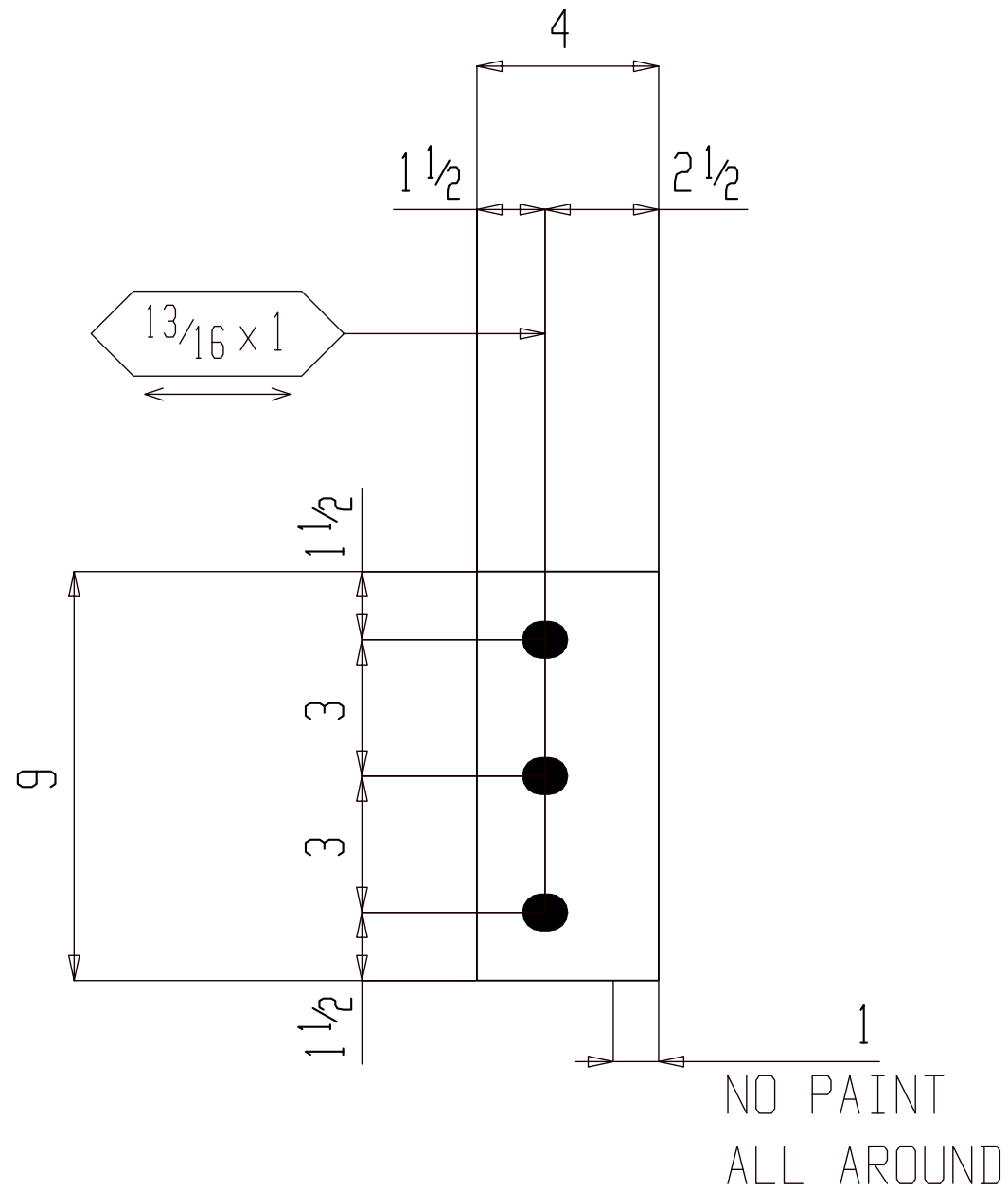
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	$1\frac{3}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	ALN	GREAT FALLS, MONTANA			
APPROVED	04-04-22				



2 PLATES 04M402

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	04M402		PLATE				3	5
2		04M402	PL 1/4x4	A36		9	3	5

### FOR APPROVAL

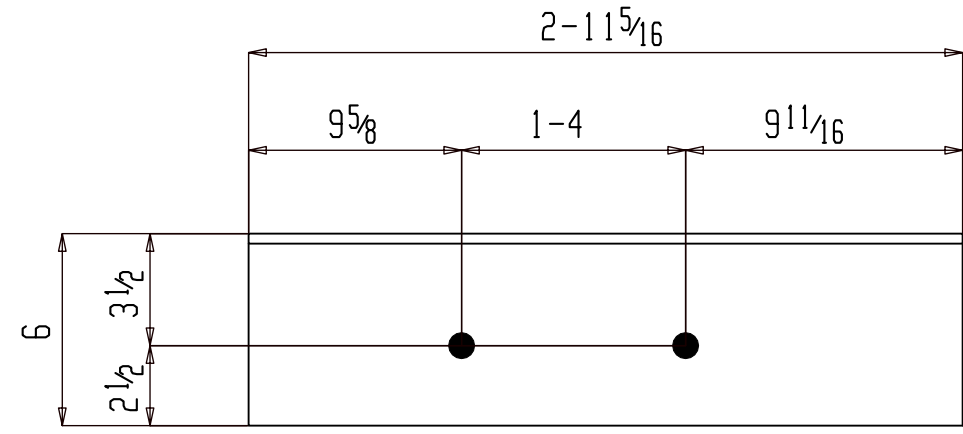
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER		JOB LOCATION		DWG NO	
ALN	04-04-22	GREAT FALLS, MONTANA	04M402		

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	04M403		MISC				30	61
2		04M403	L6x4x5/16	A36		2-115/16	30	61
			FIELD BOLTS					
4			5/8 Dia SIMPSON			6		
			TITEN HD ANCHOR					



2 MISCS 04M403



(E REFER: E401)  
(S REFER : S1.C1)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DATE
GENERAL ARRANGEMENT			PROJECT NO
DETAILER	AKM	JOB NAME	2210
DATE	04-04-22		
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22		GREAT FALLS, MONTANA
			DWG NO 04M403

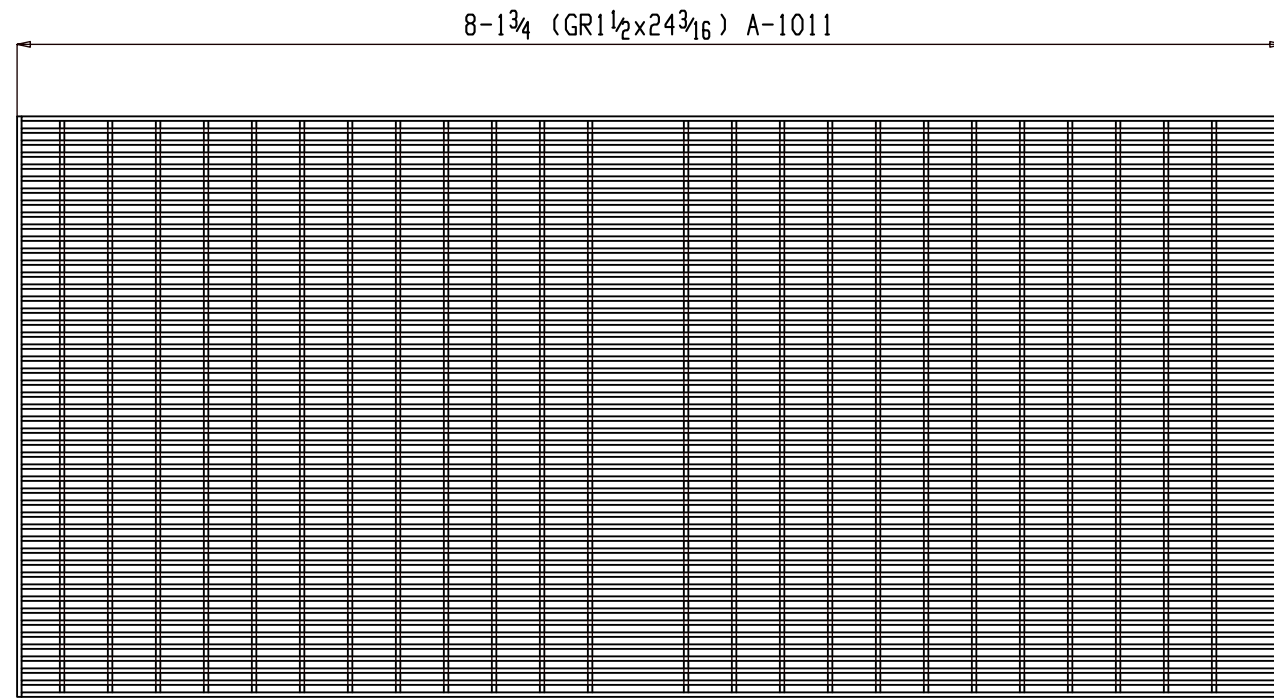
### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

FOR APPROVAL				
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE				
HOLES	13/16" DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED				
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-16-22
		REV	DESCRIPTION	DATE
				
GENERAL ARRANGEMENT				
<small>DETAILER</small> AKM <small>DATE</small> 04-04-22 <small>CHECKER</small> ALN <small>APPROVED</small> 04-04-22	<small>JOB NAME</small> MILWAUKEE STATION APARTMENTS <small>JOB LOCATION</small> GREAT FALLS, MONTANA	<small>PROJECT NO</small> 2210 <small>REV</small> 	<small>DWG NO</small> 04M404	

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04M405		MISC				394	394
1		04M405	GR1 <sup>1</sup> / <sub>2</sub> x24 <sup>3</sup> / <sub>16</sub>	A-1011		8-1 <sup>3</sup> / <sub>8</sub>	394	394

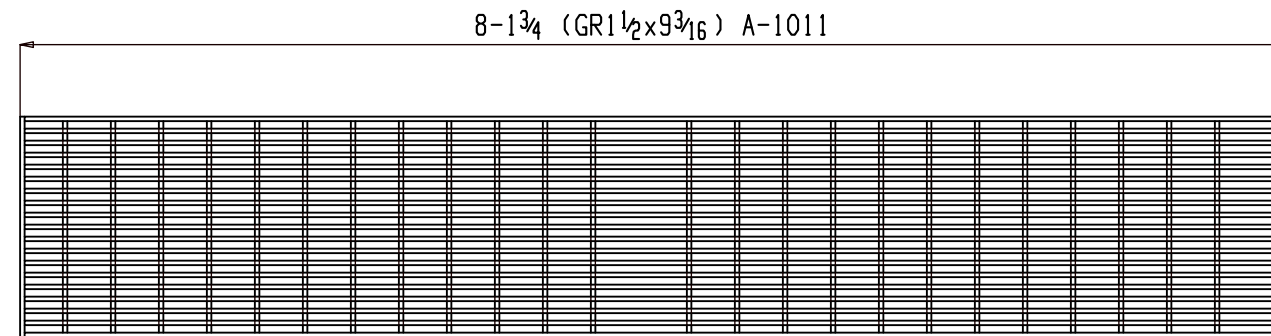


ONE MISC 04M405

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A REV	For Approval DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO 2210
DATE 04-04-22	CHECKER ALN	JOB NAME MILWAUKEE STATION APARTMENTS	REV △
APPROVED 04-04-22	JOB LOCATION GREAT FALLS, MONTANA		DWG NO 04M405

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04M506		MISC				153	153
1		04M506	GR1 <sup>1</sup> / <sub>2</sub> x9 <sup>3</sup> / <sub>16</sub>	A-1011		8-1 <sup>3</sup> / <sub>8</sub>	153	153



ONE MISC 04M506

### FOR APPROVAL

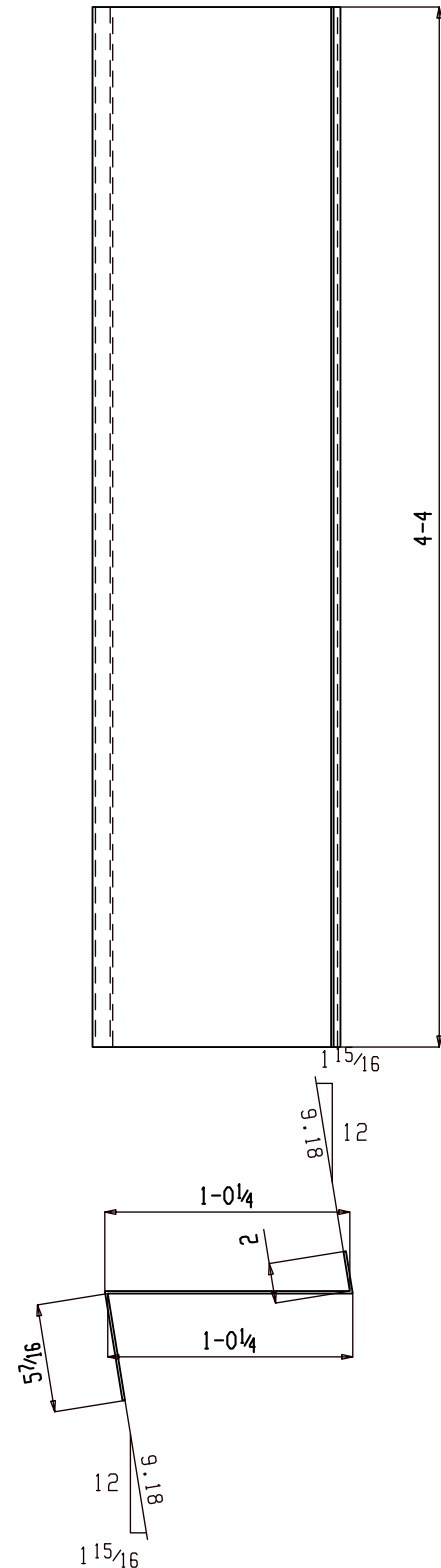
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)			
SURFACE	SP2			
FINISH	GALVANIZED			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED				
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-16-22
		REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN			DWG NO	
APPROVED	04-04-22			04M406	





ONE TREAD 04M407

(E REFER: E402)  
(S REFER : S1.C2)

ISC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04M407		TREAD				36	36
1		04M407	PL 1/8x19 11/16	A36	BENT	4-4	36	36

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

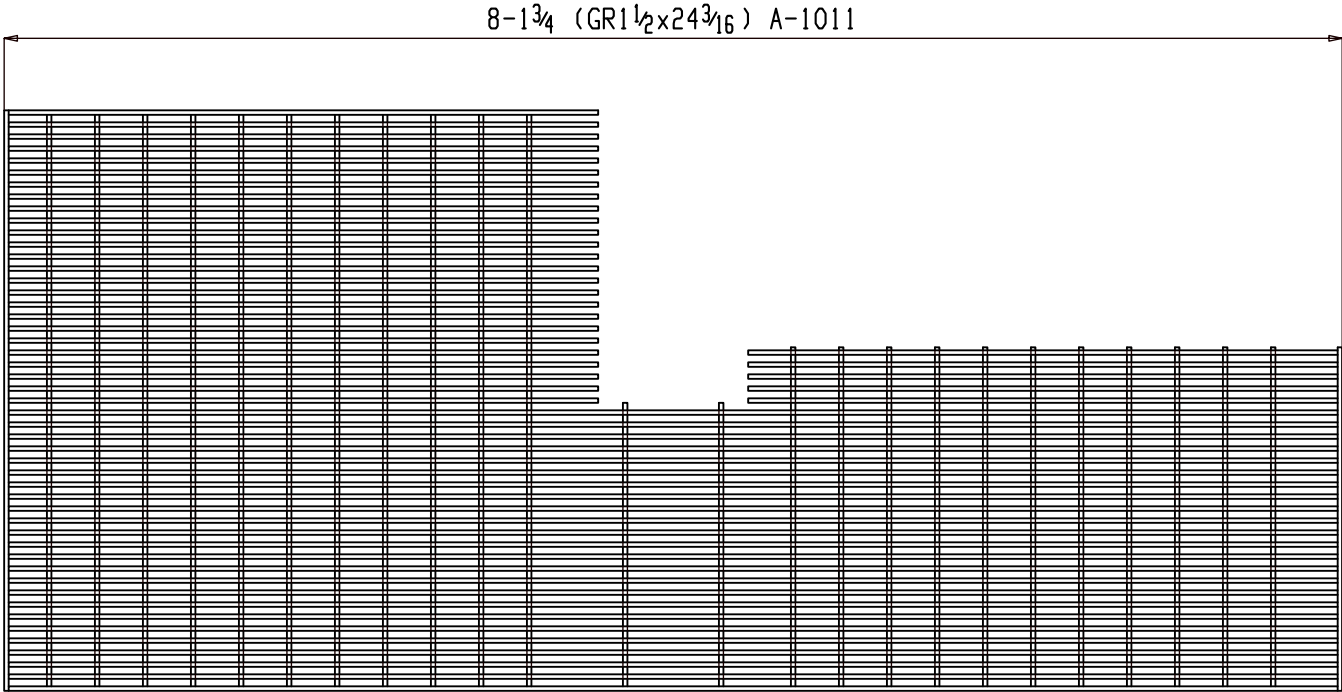
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
DATE	04-04-22	CHECKER	ALN		
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	04M407

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04M408		MISC				394	394
1		04M408	GR1 1/2x24 3/16	A-1011		8-13/8	394	394



ONE MISC 04M408

**FOR APPROVAL**

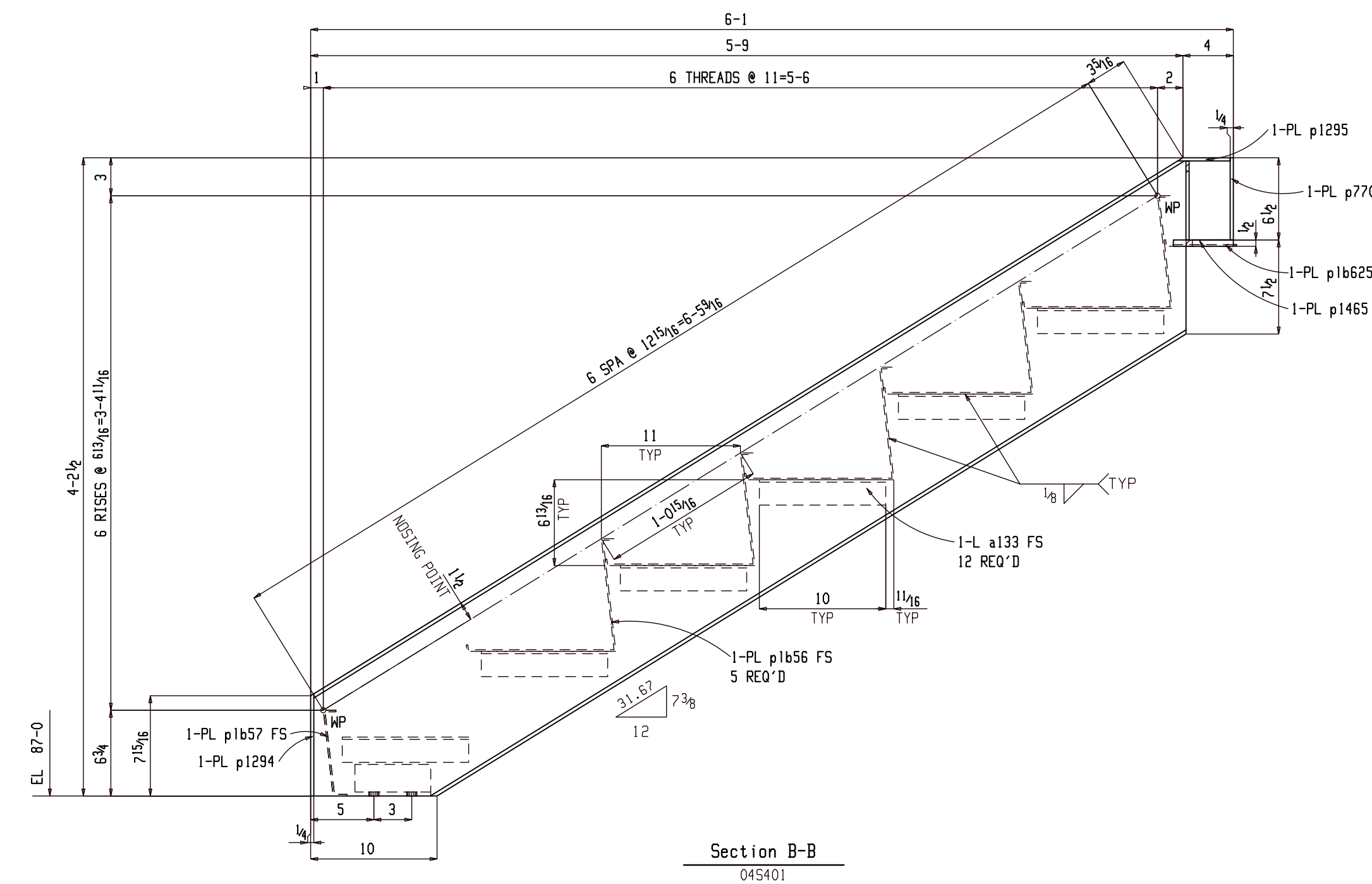
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



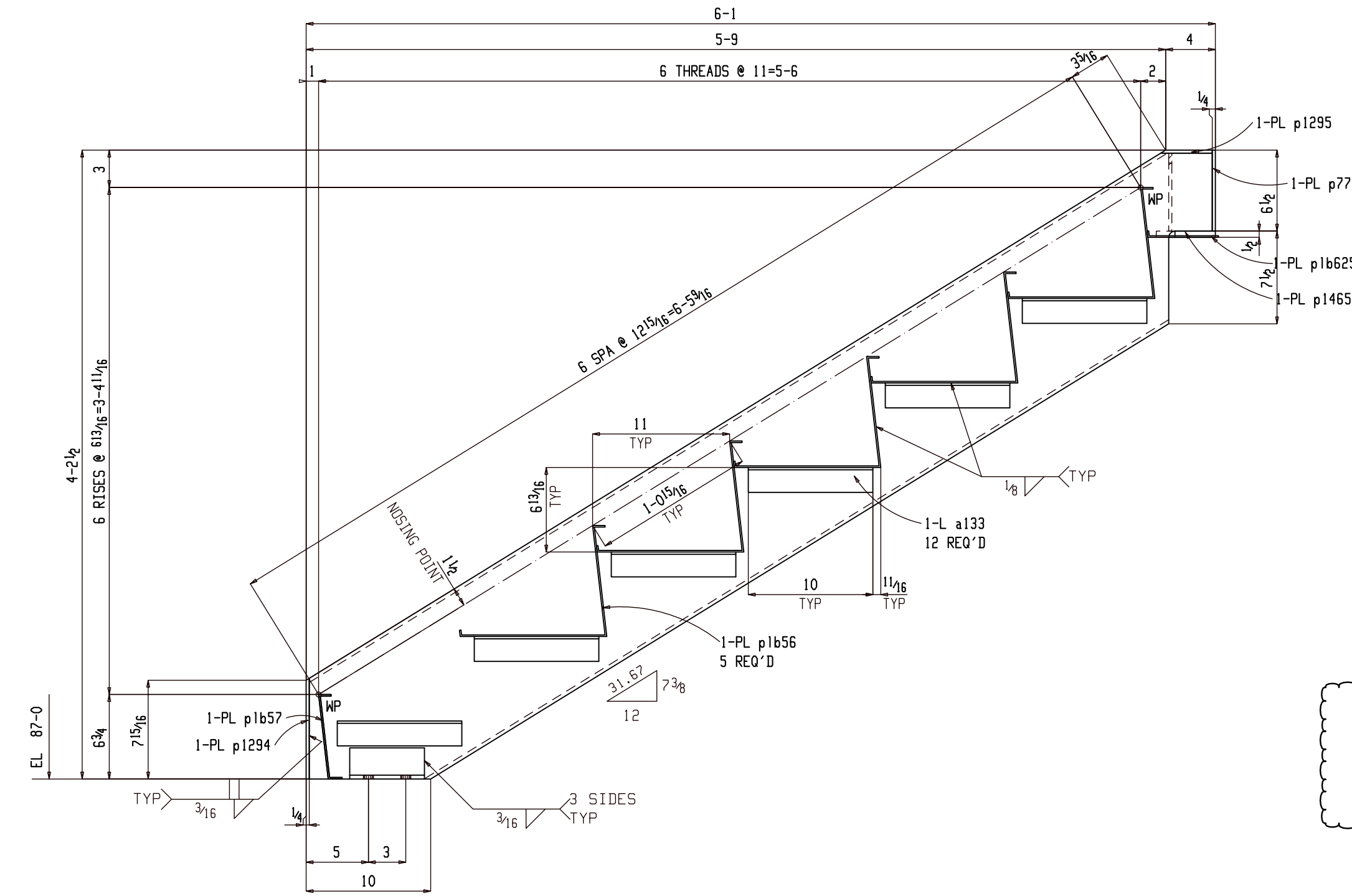
DETAILER: AKM		JOB NAME: MILWAUKEE STATION APARTMENTS		PROJECT NO: 2210	REV: △
DATE: 04-04-22		JOB LOCATION: GREAT FALLS, MONTANA		DWG NO: 04M408	
CHECKER: ALN					
APPROVED: 04-04-22					

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight	Weight
ONE	04S401		STAIR				568	568
1		c673	C12x20.7	A36		7'-4 1/16"	152	152
1		c669	C12x20.7	A36		7'-4 1/16"	152	152
5		plb56	PL 1/8x217/8	A36	BENT	3'-10"	36	178
2		plb57	PL 1/8x811/16	A36	BENT	3'-10"	14	28
1		plb625	PL 1/8x53/4	A36	BENT	3'-10"	9	9
2		p1295	PL 1/4x215/16	A36		4 1/8"	1	2
2		p1294	PL 1/4x215/16	A36		8 1/16"	2	3
2		p770	PL 1/4x215/16	A36		6 1/2"	1	3
1		p1473	PL 1/4x25/8	A36		6 1/4"	1	1
1		p1469	PL 1/4x25/8	A36		6 1/4"	1	1
2		p1465	PL 1/2x3	A36		4 3/4"	2	4
2		a135	L6x3 1/2x5/16	A36		6"	5	10
12		a133	L2x2x3/16	A36		10"	2	24



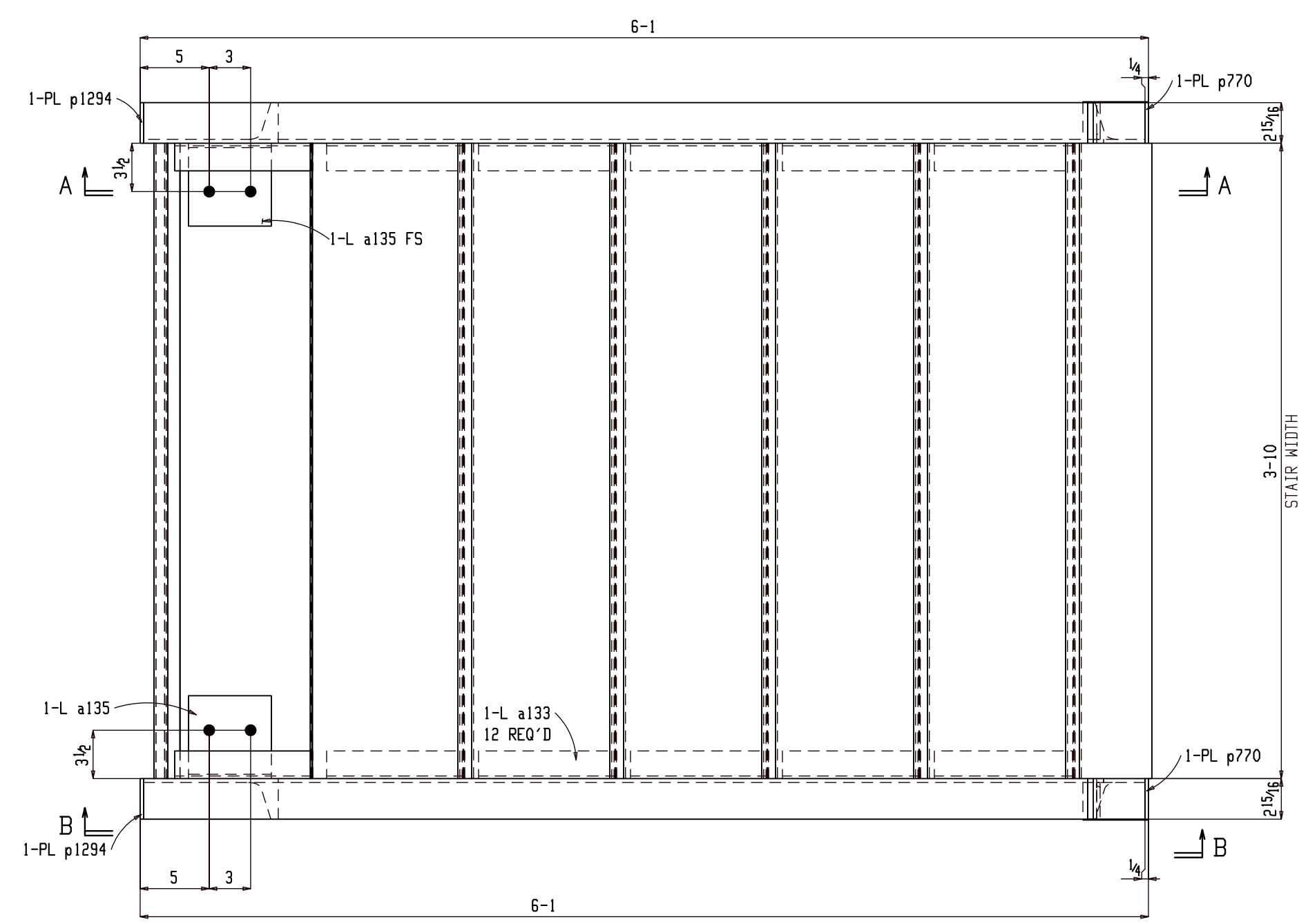
Section B-B  
04S401



Section A-A  
04S401

PLEASE CONFIRM STAIR STRINGER DIRECTLY FIELD WELDED AT TOP OF HEADER BEAM AT LANDING.

PLEASE CONFIRM L6x2 1/2x3/16 CUT FROM L6x3 1/2x3/16 TO ACCOMMODATE BELOW STAIR PAN (TYP).



ONE STAIR 04S401

SHOP NOTE:  
TOE DIRECTION FAR SIDE

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

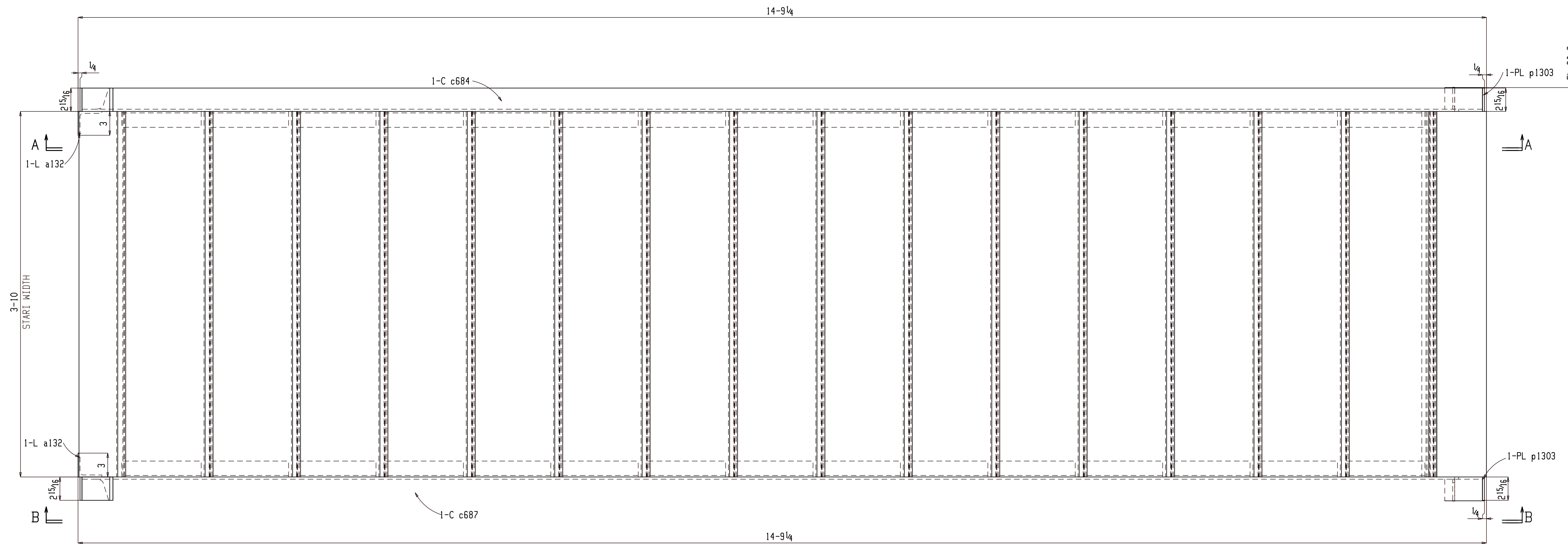
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	△
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		DWG NO	04S401

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04S402		STAIR				1382	1382
1		c687	C12x20.7	A36		17-6 1/4	363	363
1		c684	C12x20.7	A36		17-6 1/4	363	363
1		plb55	PL 1/8x46	A36	BENT	6 1/2	11	11
15		plb56	PL 1/8x217/8	A36	BENT	3-10	36	535
1		plb57	PL 1/8x8 11/16	A36	BENT	3-10	14	14
1		plb627	PL 1/8x7 5/8	A36	BENT	3-10	12	12
2		p1308	PL 1/4x2 15/16	A36		3 7/8	1	2
2		p1303	PL 1/4x2 15/16	A36		8 1/2	2	4
2		p1133	PL 1/4x2 15/16	A36		11 15/16	2	5
1		p1464	PL 1/4x2 3/4	A36		10 1/2	2	2
1		p1459	PL 1/4x2 3/4	A36		10 1/2	2	2
1		p1461	PL 1/2x3	A36		5	2	2
1		p1460	PL 1/2x3	A36		5	2	2
2		a132	L3x3x 1/4	A36		6	2	5
30		a133	L2x2x 3/16	A36		10	2	61



**ONE STAIR 04S402**

SHOP NOTE:  
TOE DIRECTION FAR SIDE

(E REFER: E401)

1SC PRIMER

WORK THIS SHEET WITH 04S403 & 04S404

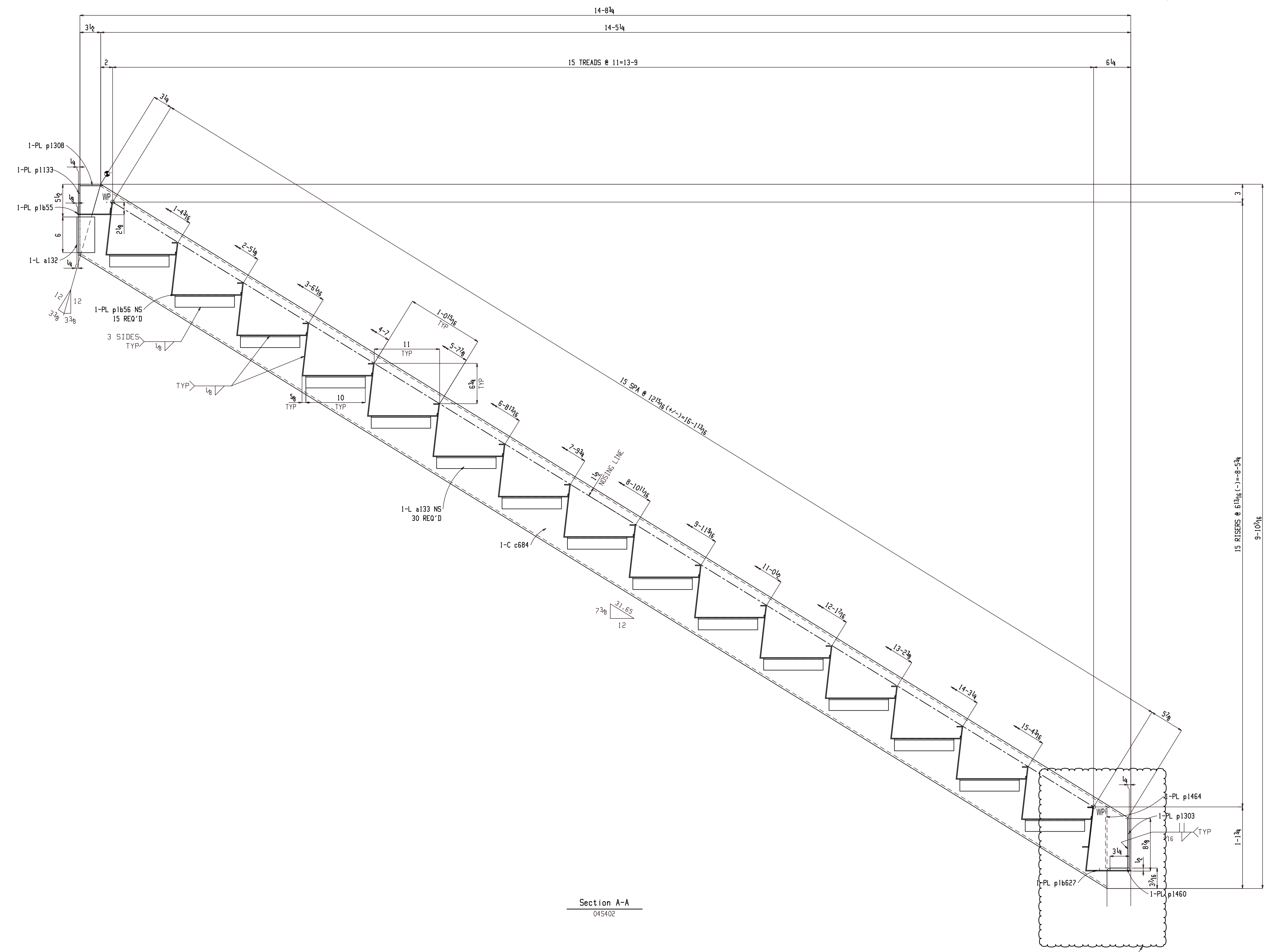
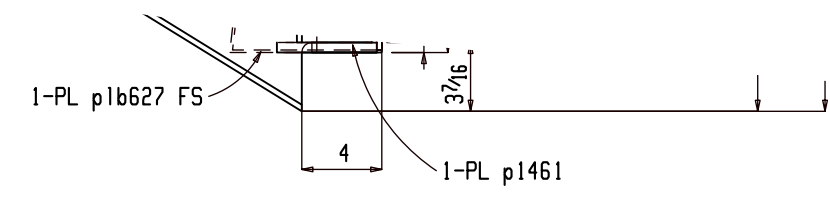
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV	DESCRIPTION DATE



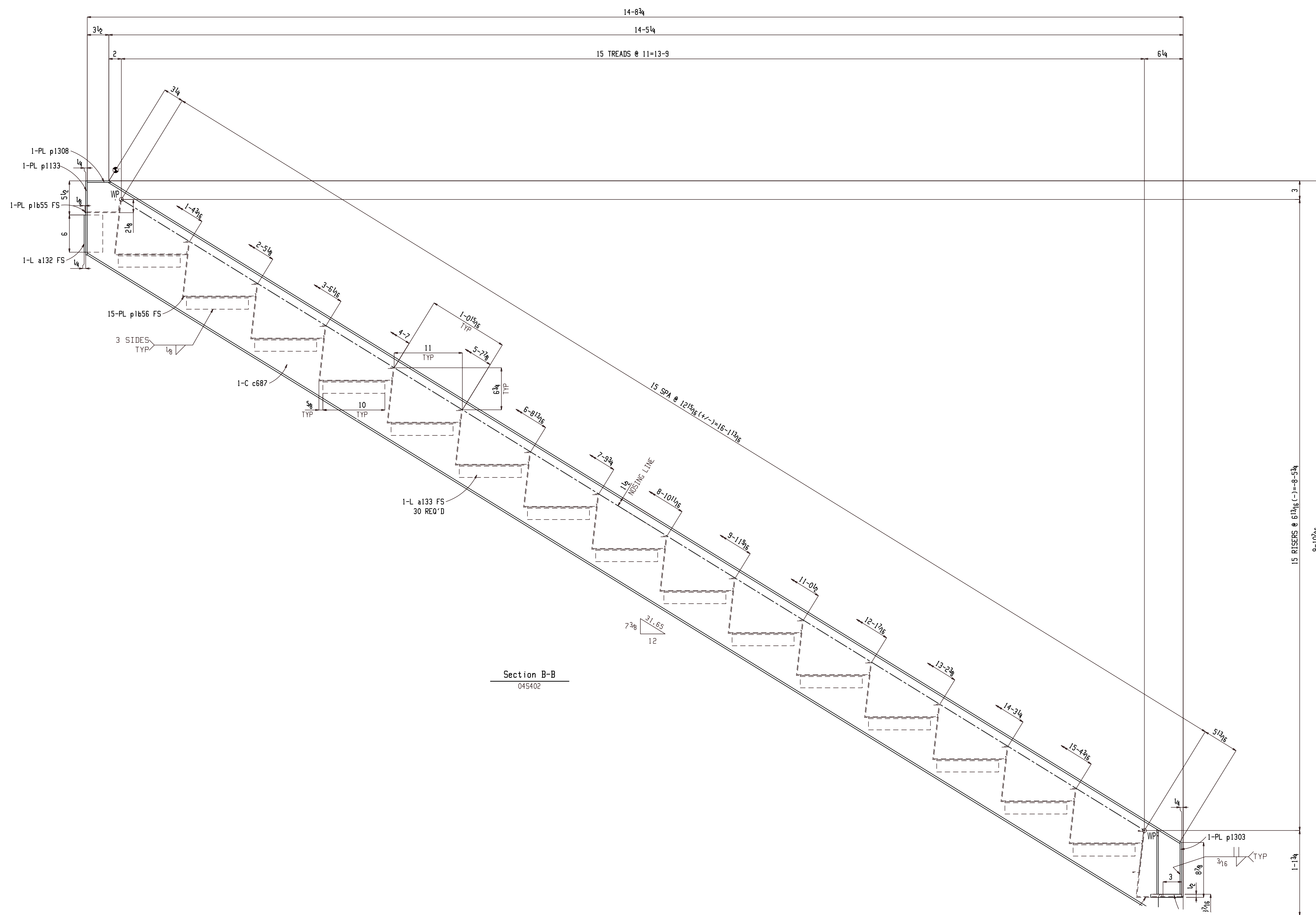
GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	△
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 04S402	




Section A-A  
04S402

WORK THIS SHEET WITH 04S402 & 04S404

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO 2210
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22		DWG NO 04S403

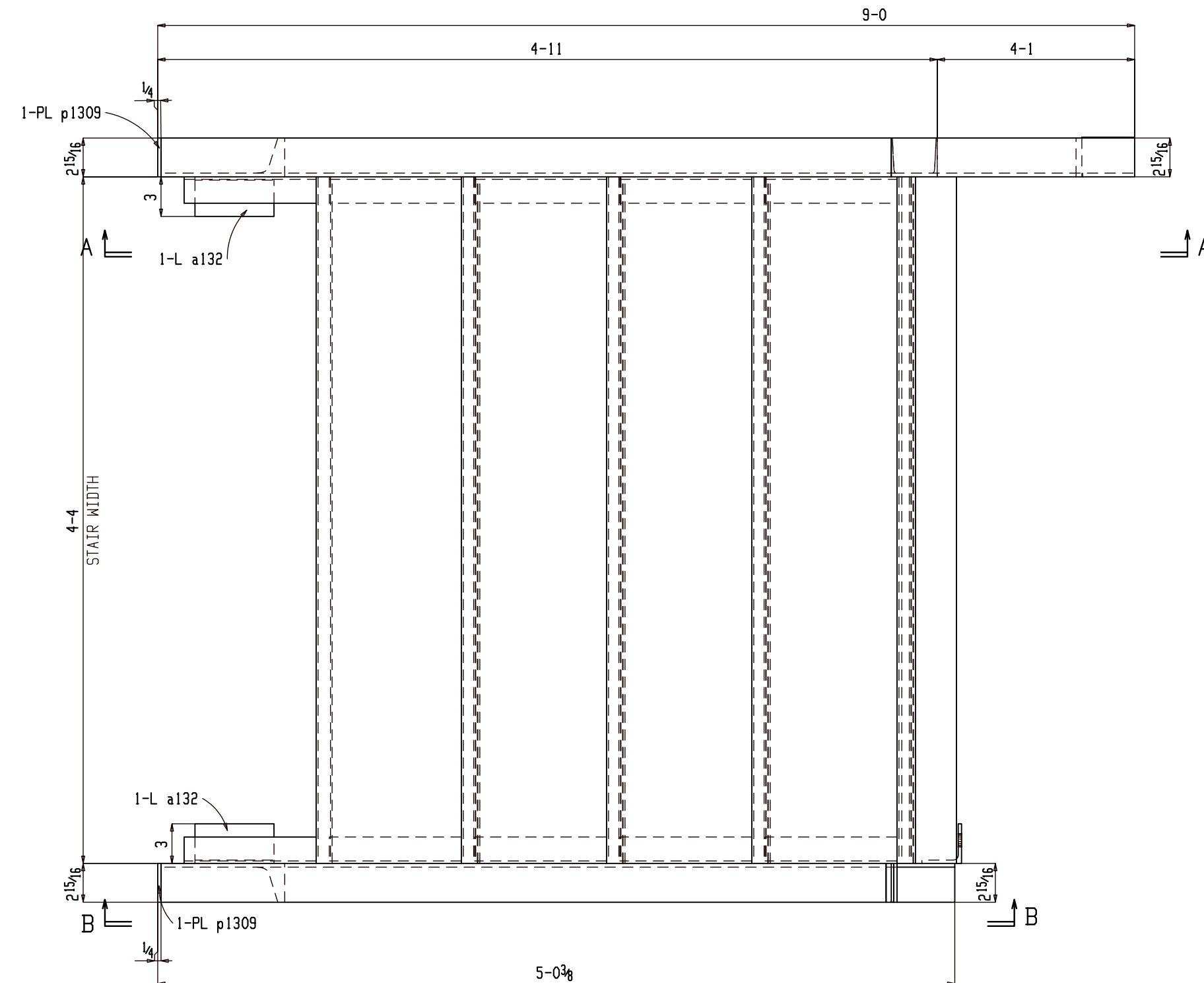


WORK THIS SHEET WITH 04S402 & 04S403

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE
			
GENERAL ARRANGEMENT			PROJECT NO 2210
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22		DWG NO 04S404

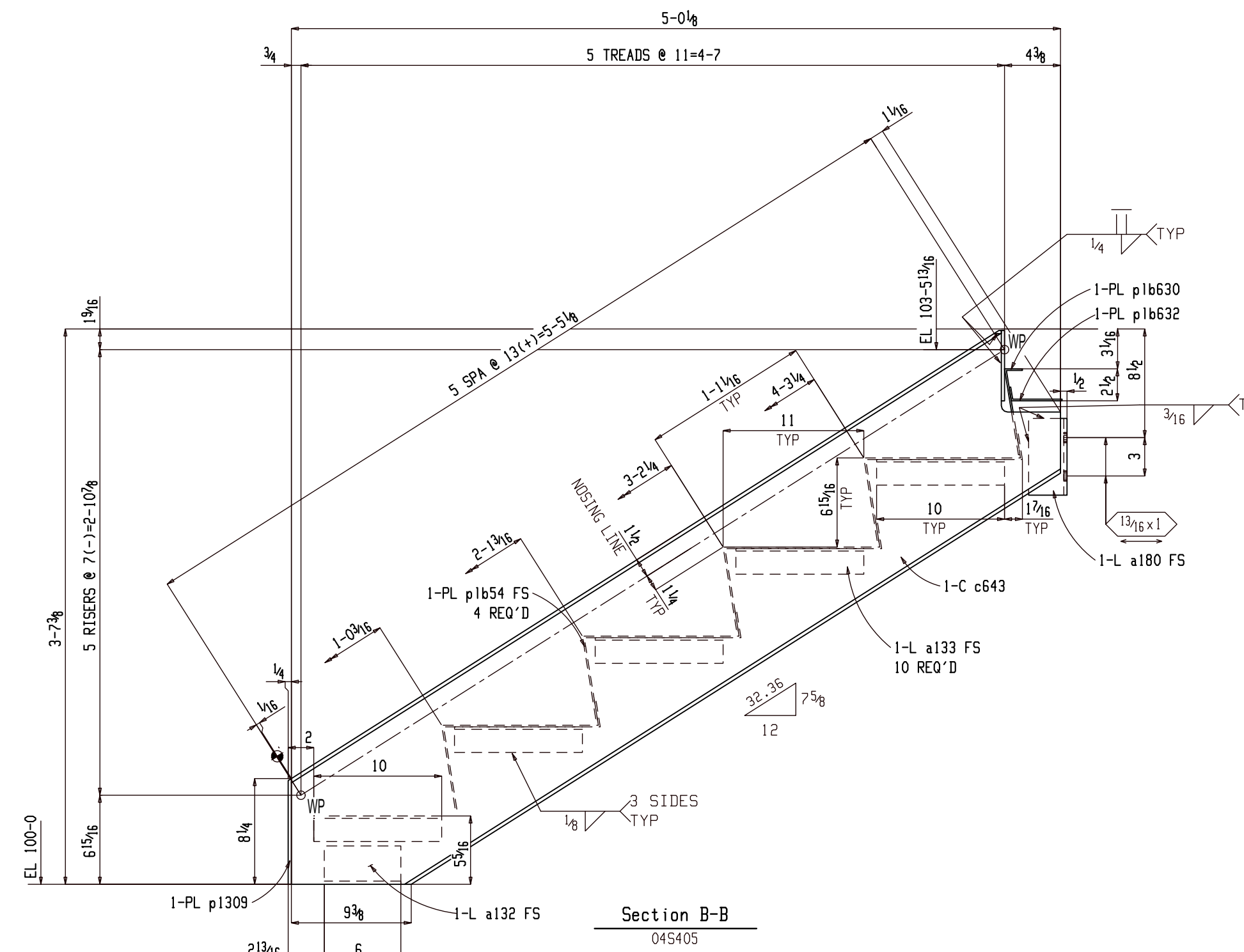
**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	04S405		STAIR				534	534	
1		c678	C12x20.7	A36		5-9 <sup>15</sup> / <sub>16</sub>	121	121	
1		c643	C12x20.7	A36		5-10 <sup>9</sup> / <sub>16</sub>	122	122	
1		plb632	PL <sup>1</sup> / <sub>8</sub> x52	A36	BENT	4 <sup>15</sup> / <sub>16</sub>	9	9	
4		plb54	PL <sup>1</sup> / <sub>8</sub> x21 <sup>1</sup> / <sub>16</sub>	A36	BENT	4-4	39	155	
1		plb630	PL <sup>1</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>8</sub>	A36	BENT	4-4	3	3	
1		p1310	PL <sup>1</sup> / <sub>4</sub> x9 <sup>1</sup> / <sub>16</sub>	A36		2 <sup>15</sup> / <sub>16</sub>	0	0	
2		p1309	PL <sup>1</sup> / <sub>4</sub> x2 <sup>15</sup> / <sub>16</sub>	A36		8 <sup>1</sup> / <sub>4</sub>	2	3	
1		p991	PL <sup>1</sup> / <sub>4</sub> x2 <sup>15</sup> / <sub>16</sub>	A36		5 <sup>1</sup> / <sub>2</sub>	1	1	
1		p1125	PL <sup>1</sup> / <sub>2</sub> x3	A36		4	2	2	
1		a180	L3x3x <sup>1</sup> / <sub>4</sub>	A36		6	2	2	
2		a132	L3x3x <sup>1</sup> / <sub>4</sub>	A36		6	2	5	
10		a133	L2x2x <sup>3</sup> / <sub>16</sub>	A36		10	2	20	
1		c680	C12x20.7	A36		4-4 <sup>7</sup> / <sub>16</sub>	90	90	
FIELD BOLTS									
2			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>			

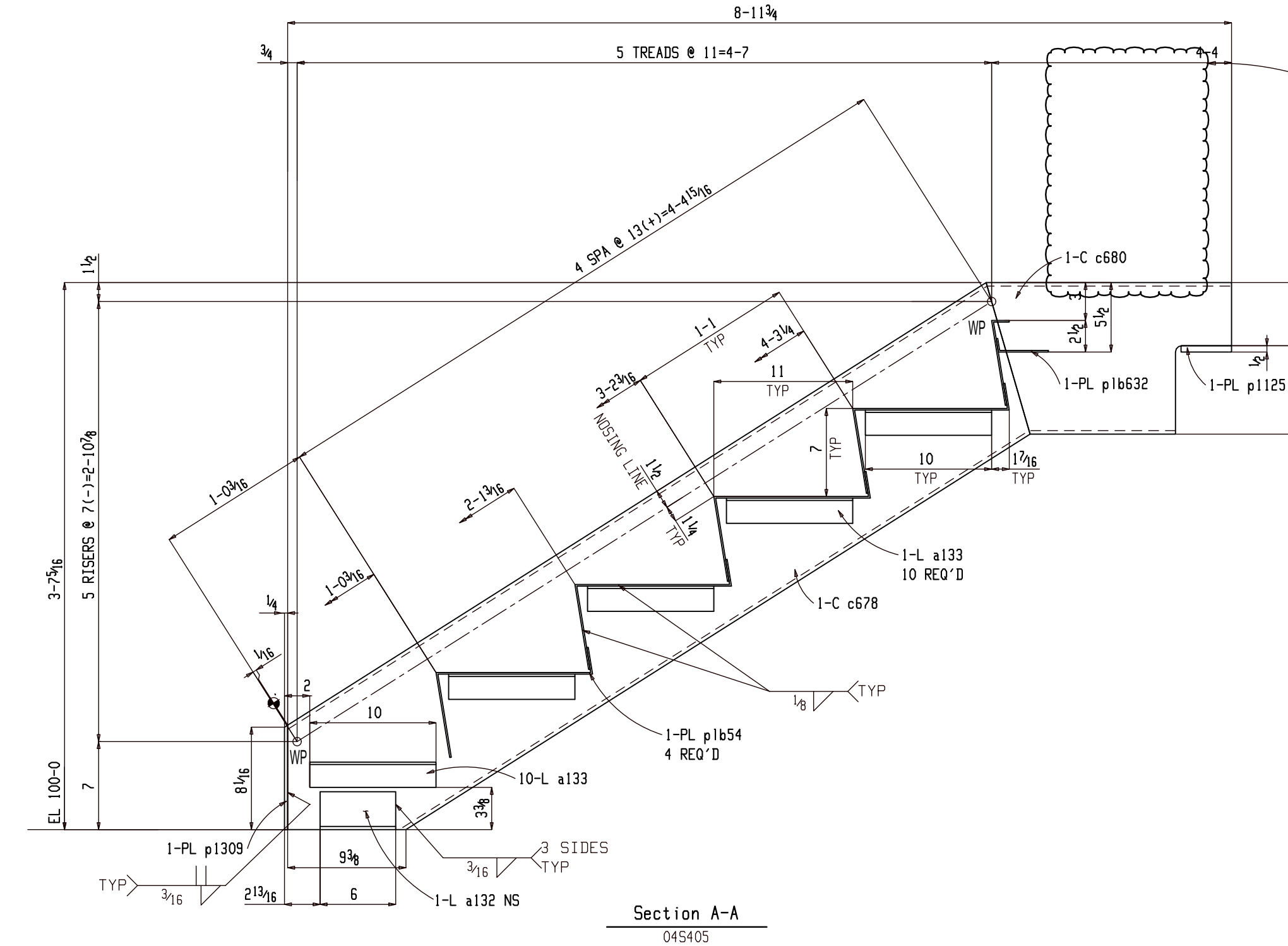


**ONE STAIR 04S405**

SHOP NOTE:  
TOE DIRECTION FAR SIDE



**Section B-B**  
04S405



**Section A-A**  
04S405

PLEASE CONFIRM SINGLE CLIP ANGLE CONN. TO HEADER BEAM

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

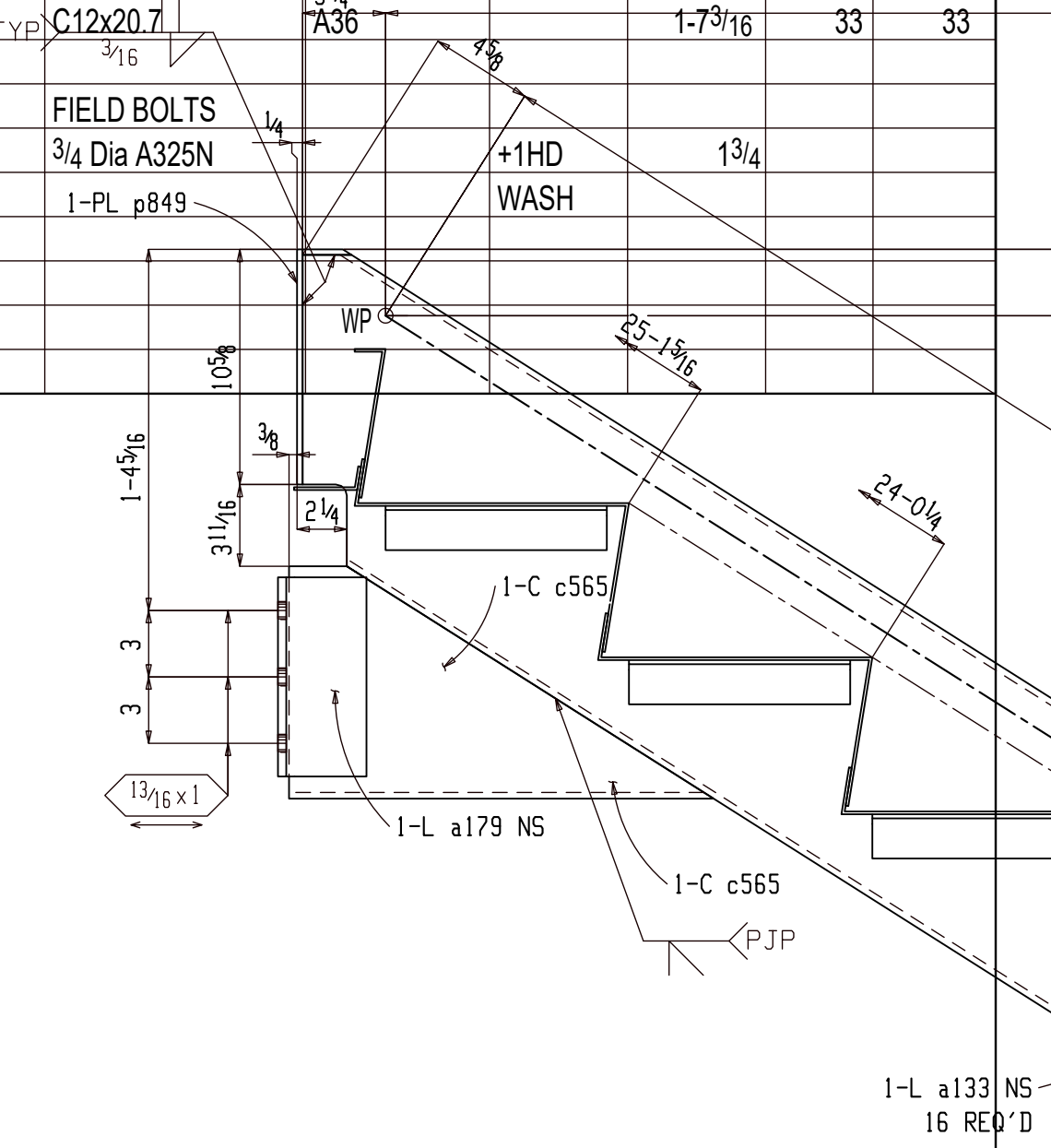
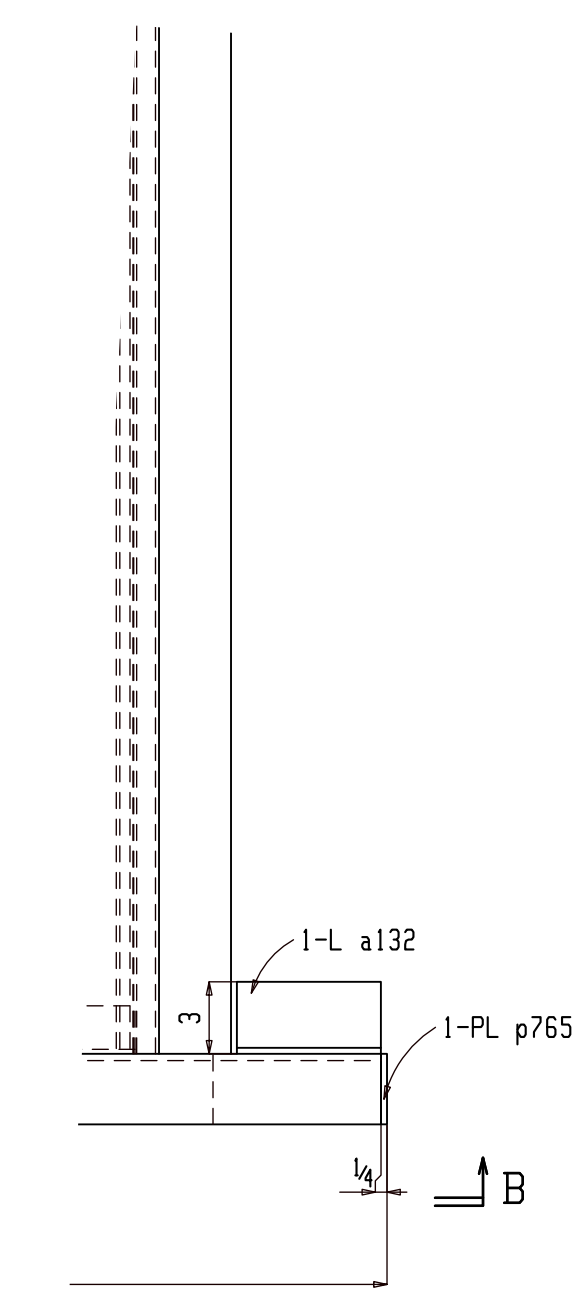
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-16-22 DATE




GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	GREAT FALLS, MONTANA	
		DWG NO	04S405

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04S406		STAIR				1579	1579
1		c650	C12x20.7	A36		18-10 <sup>3</sup> / <sub>8</sub>	390	390
1		c557	C12x20.7	A36		18-10 <sup>5</sup> / <sub>16</sub>	390	390
1		plb637	PL <sup>1</sup> / <sub>8</sub> x52	A36	BENT	3 <sup>13</sup> / <sub>16</sub>	7	7
16		plb54	PL <sup>1</sup> / <sub>8</sub> x21 <sup>1</sup> / <sub>16</sub>	A36	BENT	4-4	39	621
1		plb635	PL <sup>1</sup> / <sub>8</sub> x4 <sup>3</sup> / <sub>4</sub>	A36	BENT	4-4	9	9
1		plb630	PL <sup>1</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>8</sub>	A36	BENT	4-4	3	3
2		p1311	PL <sup>1</sup> / <sub>4</sub> x2 <sup>5</sup> / <sub>16</sub>	A36		6 <sup>3</sup> / <sub>16</sub>	1	3
2		p849	PL <sup>1</sup> / <sub>4</sub> x2 <sup>15</sup> / <sub>16</sub>	A36		10 <sup>5</sup> / <sub>8</sub>	2	4
2		p850	PL <sup>1</sup> / <sub>4</sub> x2 <sup>3</sup> / <sub>16</sub>	A36		2 <sup>15</sup> / <sub>16</sub>	0	1
2		a179	L4x4x <sup>3</sup> / <sub>8</sub>	A36		9	7	15
2		a132	L3x3x <sup>1</sup> / <sub>4</sub>	A36		6	2	5
32		a133	L2x2x <sup>3</sup> / <sub>16</sub>	A36		10	2	65
1		c565	C12x20.7	A36		1-7 <sup>3</sup> / <sub>16</sub>	33	33
1		c564 TYP	C12x20.7	A36		1-7 <sup>3</sup> / <sub>16</sub>	33	33

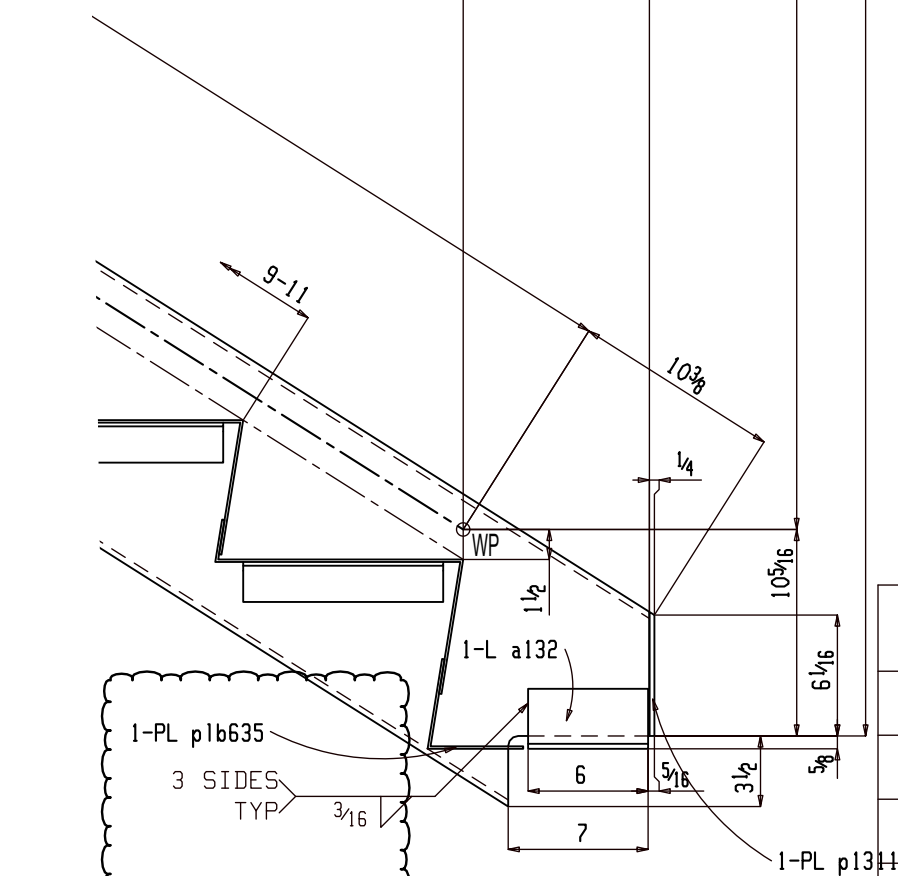
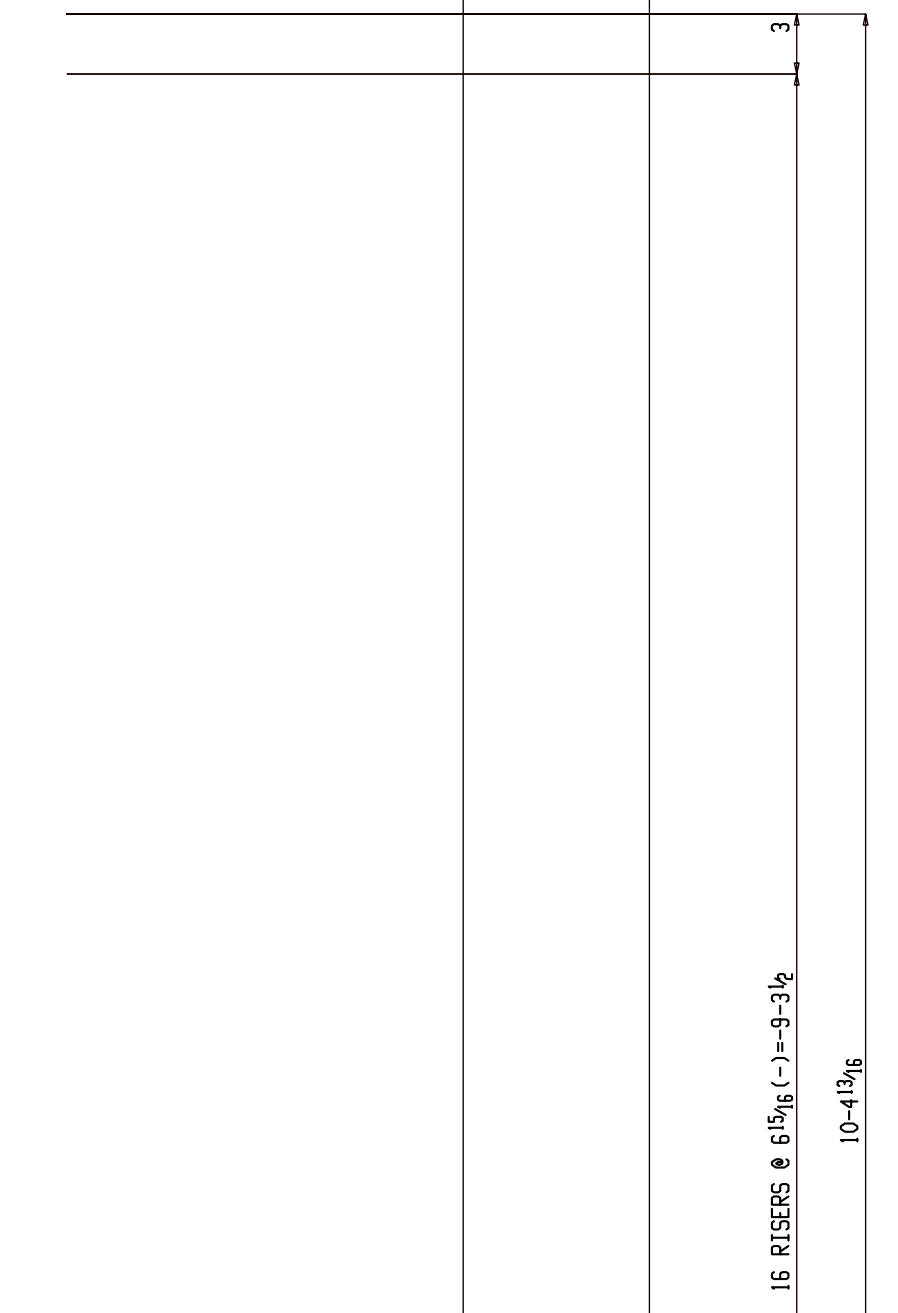
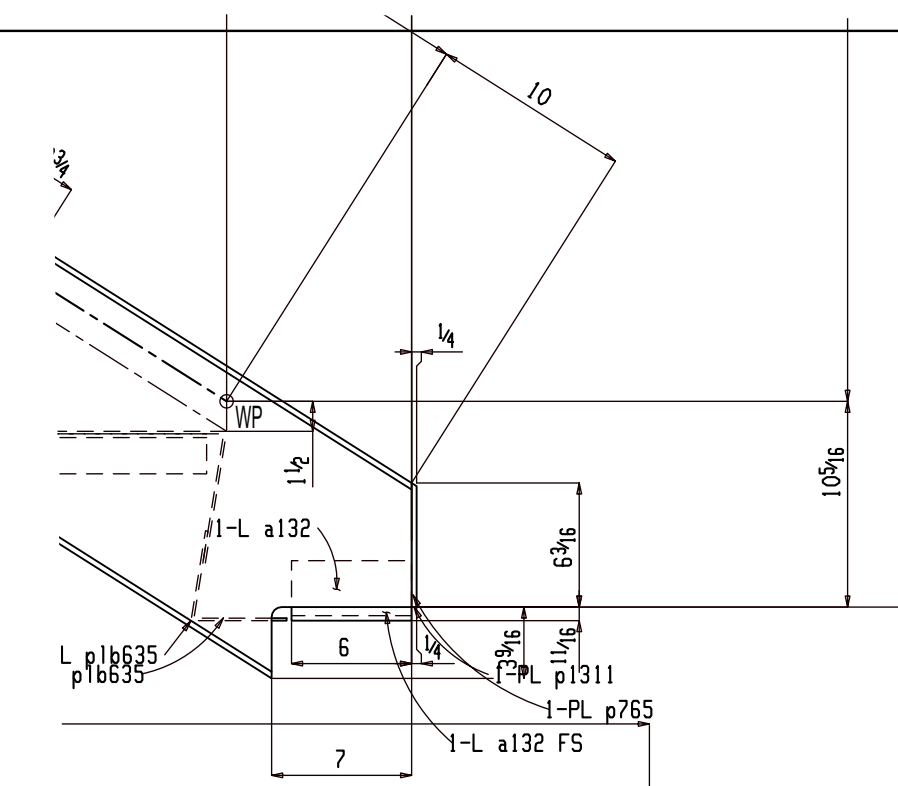


WORK THIS SHEET WITH 04S407 & 04S408

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION DATE	05-16-22
			
GENERAL ARRANGEMENT			PROJECT NO 2210 REV A
DETAILER AKM DATE 04-04-22	CHECKER ALN DATE 04-04-22	JOB NAME MILWAUKEE STATION APARTMENTS	JOB LOCATION GREAT FALLS, MONTANA
			DWG NO 04S406




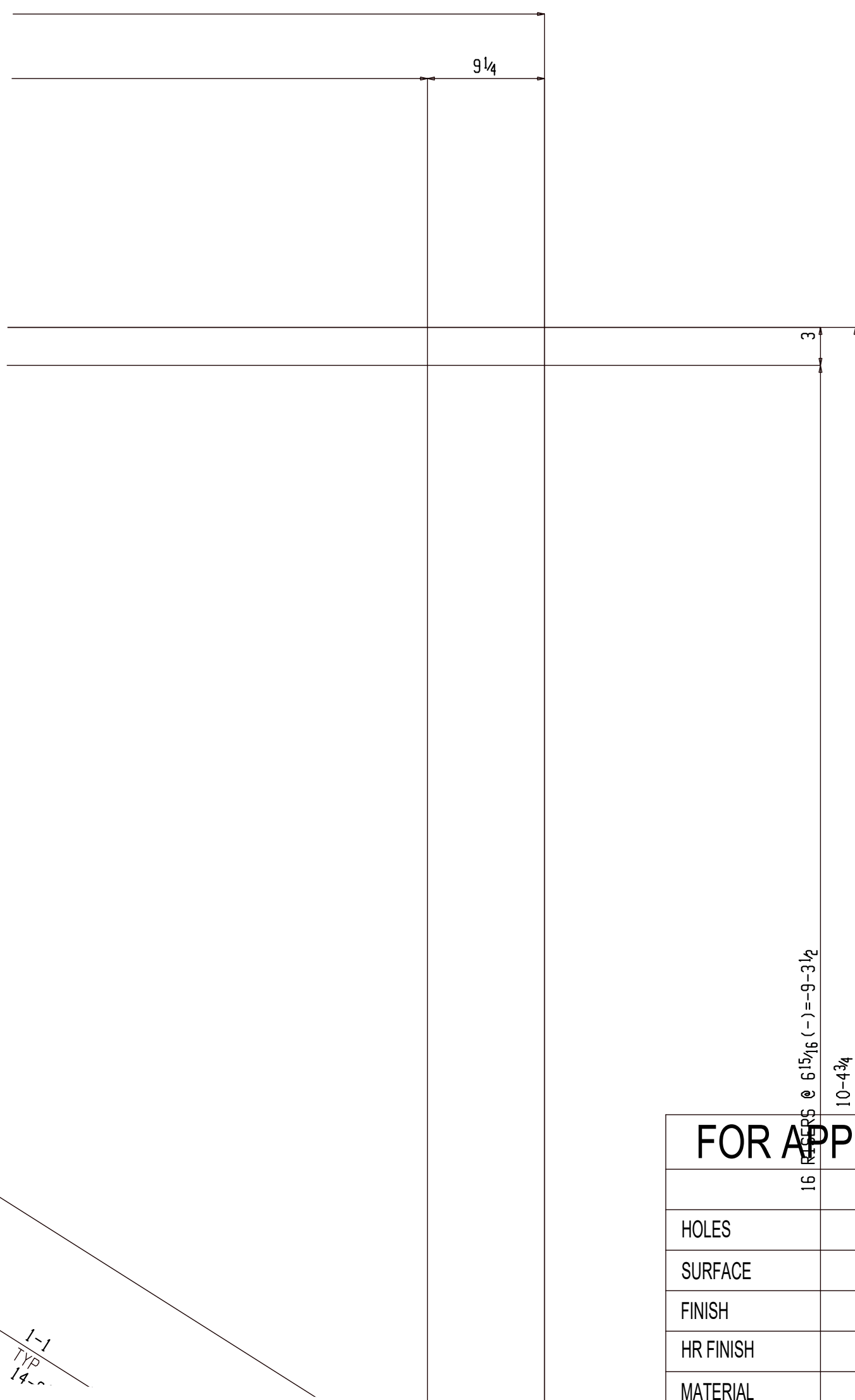
PLEASE CONFIRM PROPOSED SINGLE CLIP ANGLE CONN. TO HEADER BEAM.



PLEASE CONFIRM STAIR STRINGER DIRECTLY FIELD WELDED AT TOP OF HEADER BEAM AT LANDING.

WORK THIS SHEET WITH 04S406 & 04S408

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-16-22
		REV	DESCRIPTION DATE
			
GENERAL ARRANGEMENT			
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN		
APPROVED	04-04-22		
PROJECT NO	2210	REV	△
DWG NO	04S407		



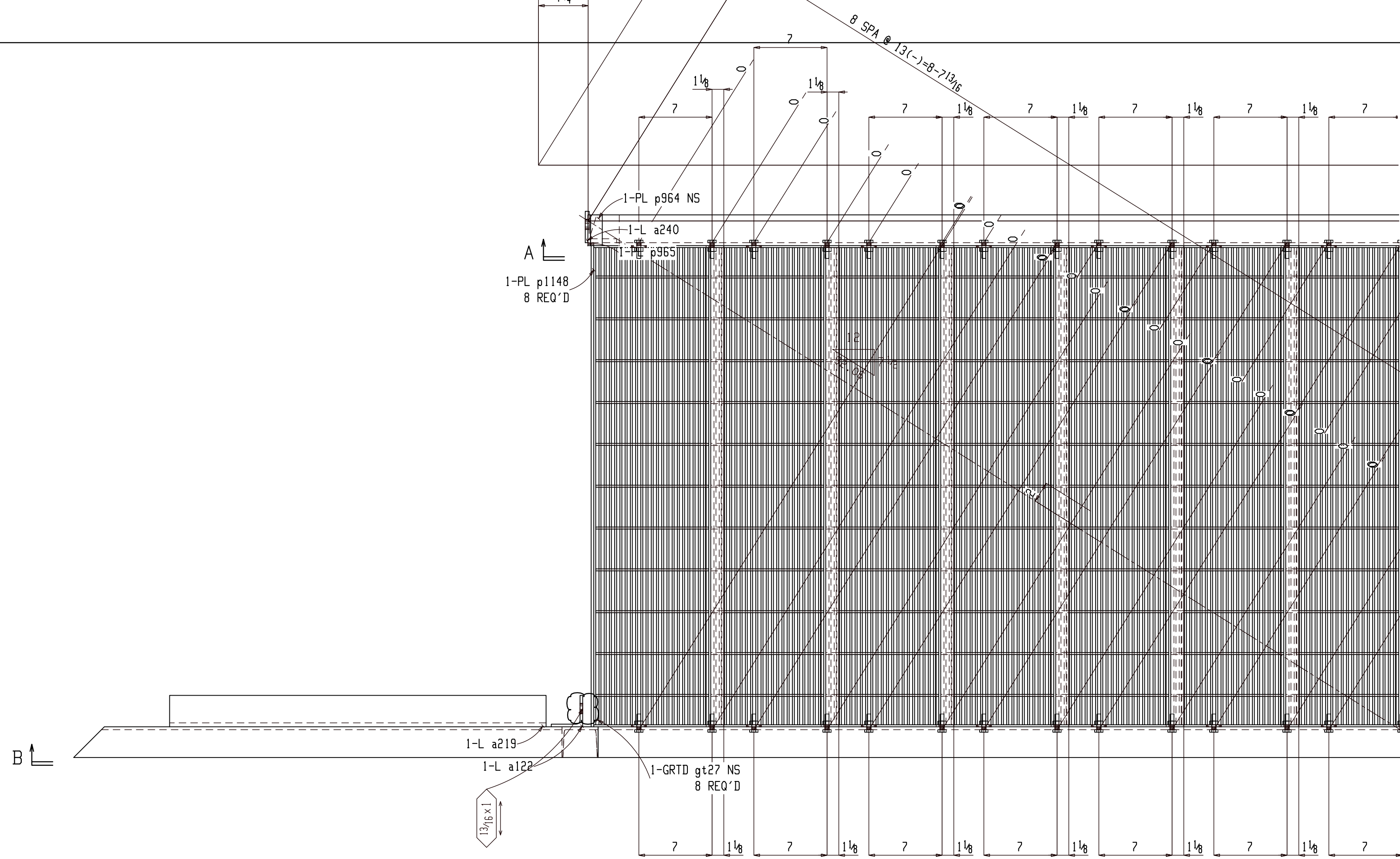
WORK THIS SHEET WITH 04S406 & 04S407

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	$1\frac{3}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-16-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	CHECKER	2210	△
04-04-22	ALN		
APPROVED	JOB NAME	MILWAUKEE STATION APARTMENTS	
AKM	JOB LOCATION	GREAT FALLS, MONTANA	
04-04-22		DWG NO 04S408	



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	04S409		STAIR		Galv		1363	1363
1		c689	C12x20.7	A36		4-2 <sup>3</sup> / <sub>16</sub>	87	87
1		c639	C12x20.7	A36		9-3 <sup>1</sup> / <sub>4</sub>	192	192
1		c638	C12x20.7	A36		9-2 <sup>13</sup> / <sub>16</sub>	196	196
8		p1148	PL <sup>1</sup> / <sub>4</sub> x3	A36		3-10	10	78
1		p965	PL <sup>1</sup> / <sub>4</sub> x2 <sup>15</sup> / <sub>16</sub>	A36		4 <sup>1</sup> / <sub>2</sub>	1	1
2		p755	PL <sup>1</sup> / <sub>4</sub> x2 <sup>15</sup> / <sub>16</sub>	A36		8 <sup>5</sup> / <sub>8</sub>	2	4
1		p964	PL <sup>1</sup> / <sub>4</sub> x1 <sup>1</sup> / <sub>8</sub>	A36		2 <sup>15</sup> / <sub>16</sub>	0	0
2		a250	L4x3 <sup>1</sup> / <sub>2</sub> x <sup>3</sup> / <sub>8</sub>	A36		6	5	9
1		a240	L3x3x <sup>3</sup> / <sub>8</sub>	A36		5 <sup>1</sup> / <sub>2</sub>	3	3
1		a219	L3x3x <sup>3</sup> / <sub>8</sub>	A36		3-0	22	22
1		a122	L3x3x <sup>1</sup> / <sub>4</sub>	A36		5 <sup>1</sup> / <sub>2</sub>	2	2
8		gt27	GT1 <sup>1</sup> / <sub>2</sub> x12 <sup>7</sup> / <sub>16</sub>	A-1011		3-10	96	766
32			<sup>3</sup> / <sub>8</sub> Dia A307			1 <sup>1</sup> / <sub>2</sub>	0	3
FIELD BOLTS								
4			<sup>3</sup> / <sub>4</sub> Dia EXPANSION				5	
2			<sup>3</sup> / <sub>4</sub> Dia A325N		+1BVL,1H D WASH	2 <sup>1</sup> / <sub>4</sub>		

WORK THIS SHEET WITH 04S410 & 04S411

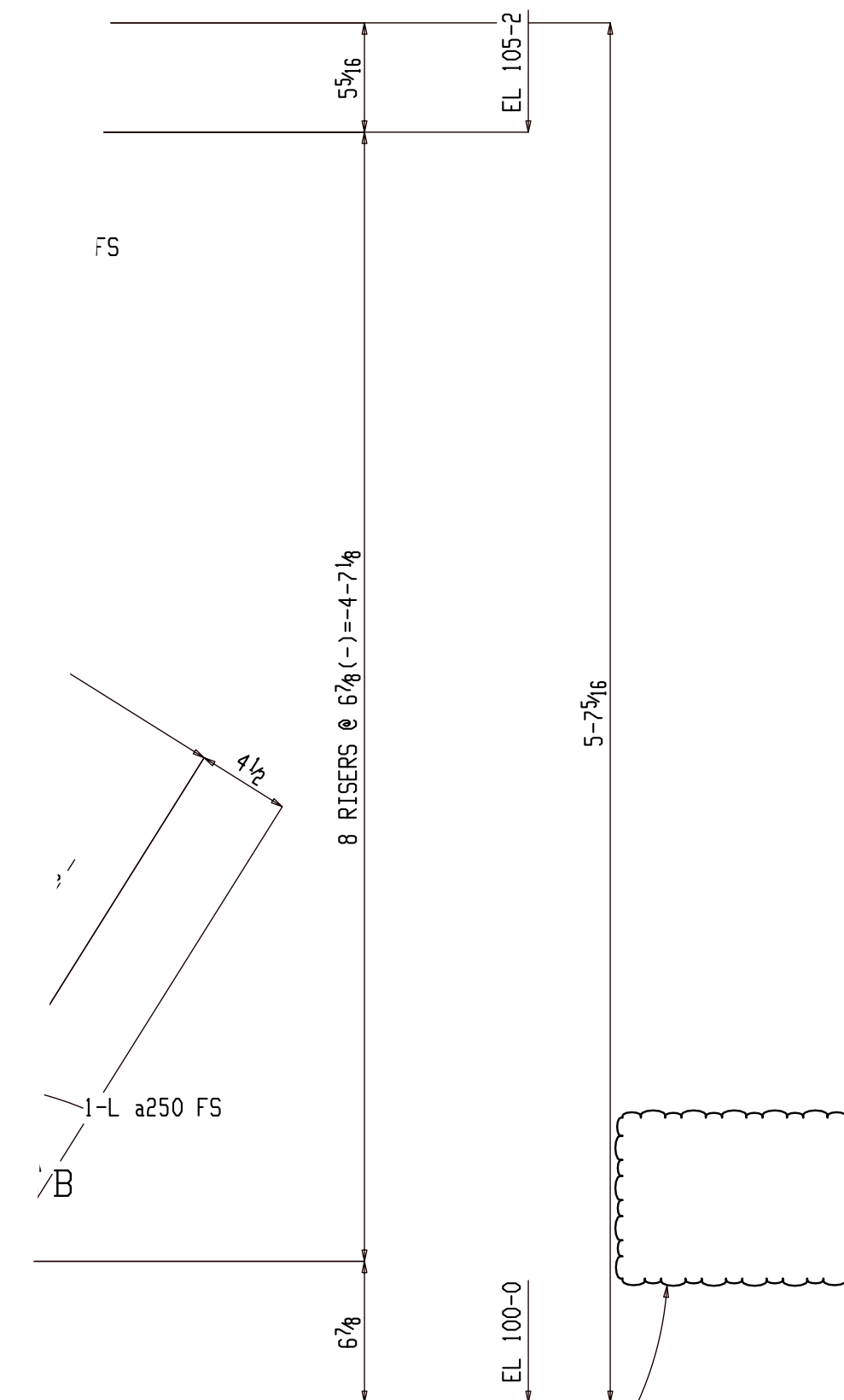
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	<sup>13</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DRAWER	AKM	JOB NAME	2210	▲
DATE	04-04-22	MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		
APPROVED	04-04-22	GREAT FALLS, MONTANA	DWG NO	04S409



PLEASE CONFIRM PROPOSED SINGLE CLIP ANGLE CONN. TO HEADER BEAM.

PLEASE CONFIRM PROPOSED SINGLE CLIP ANGLE CONN. BOLT TO FLOOR. (PLEASE CONFIRM BASE CONCRETE AVAILABILITY).

WORK THIS SHEET WITH 04S409 & 04S411

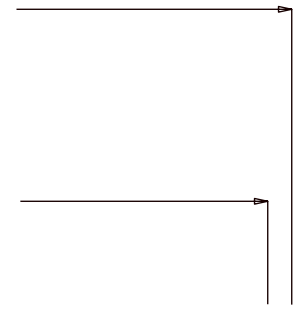
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	<sup>13</sup> / <sub>16</sub> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-16-22
		REV	DESCRIPTION DATE



DETAILER		AKM	PROJECT NO		2210	REV	△
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS				
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		DWG NO		
APPROVED	04-04-22			04S410			



WORK THIS SHEET WITH 04S409 & 04S410

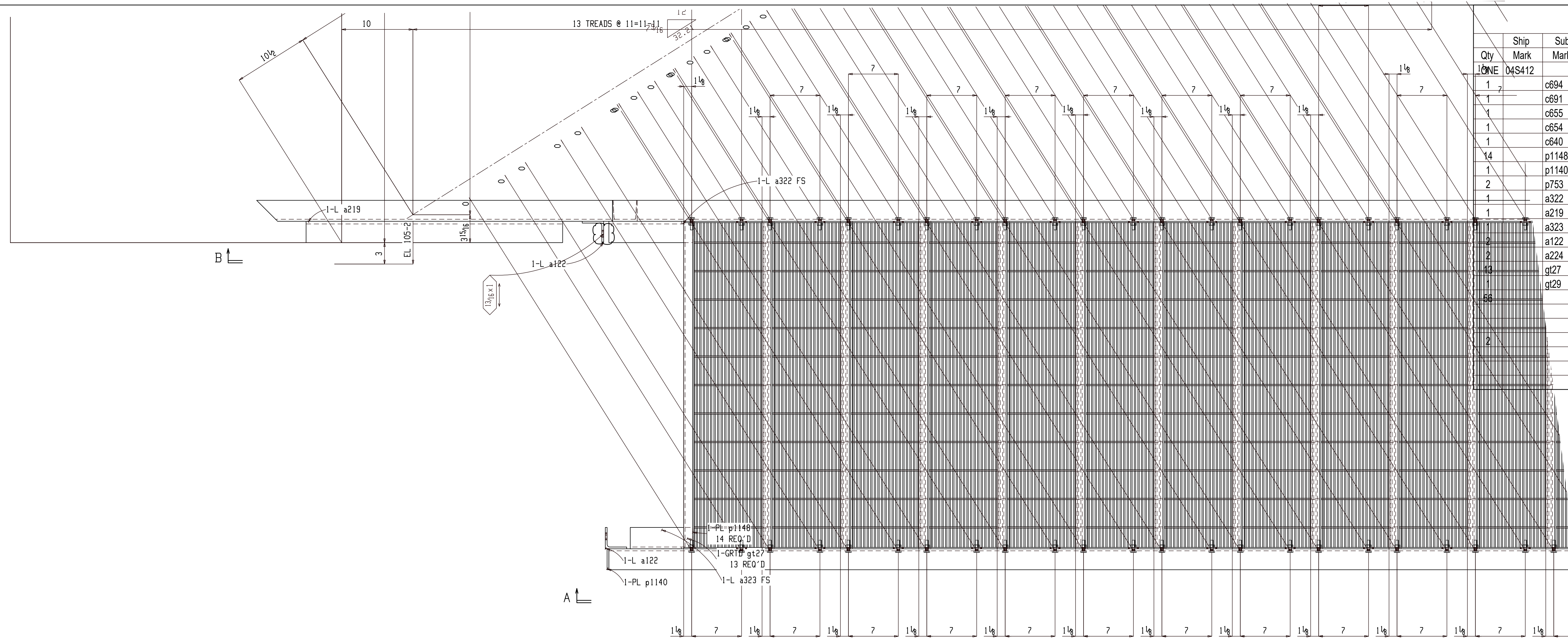
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	<sup>13</sup> / <sub>16</sub> Ø DIA (UNO)			
SURFACE	SP2			
FINISH	GALVANIZED			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED				
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-16-22
		REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DRAWER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	
CHECKER	ALN			04S411	
APPROVED	04-04-22				



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
1	ONE	04S412	STAIR		Galv		2300	2300
1		c694	C12x20.7	A36		15-8 <sup>5</sup> / <sub>16</sub>	325	325
1		c691	C12x20.7	A36		4-5 <sup>7</sup> / <sub>16</sub>	92	92
1		c655	C12x20.7	A36		1-2 <sup>5</sup> / <sub>16</sub>	25	25
1		c654	C12x20.7	A36		1-2 <sup>5</sup> / <sub>16</sub>	25	25
1		c640	C12x20.7	A36		15-3 <sup>9</sup> / <sub>16</sub>	317	317
14		p1148	PL 1/4x3	A36		3-10	10	137
1		p1140	PL 1/4x2 <sup>15</sup> / <sub>16</sub>	A36		4 <sup>3</sup> / <sub>16</sub>	1	1
2		p753	PL 1/4x2 <sup>15</sup> / <sub>16</sub>	A36		8 <sup>1</sup> / <sub>2</sub>	2	4
1		a322	L3x3x <sup>3</sup> / <sub>8</sub>	A36		11 <sup>3</sup> / <sub>4</sub>	7	7
1		a219	L3x3x <sup>3</sup> / <sub>8</sub>	A36		3-0	22	22
1		a323	L3x3x <sup>1</sup> / <sub>4</sub>	A36		8 <sup>3</sup> / <sub>4</sub>	4	4
2		a122	L3x3x <sup>1</sup> / <sub>4</sub>	A36		5 <sup>1</sup> / <sub>2</sub>	2	4
2		a224	L2x2x <sup>1</sup> / <sub>4</sub>	A36		3 <sup>1</sup> / <sub>4</sub>	1	2
43		gt27	GT1 <sup>1</sup> / <sub>2</sub> x12 <sup>7</sup> / <sub>16</sub>	A-1011		3-10	96	1245
1		gt29	GT1 <sup>1</sup> / <sub>2</sub> x11 <sup>3</sup> / <sub>8</sub>	A-1011		3-10	88	88
56			<sup>3</sup> / <sub>8</sub> Dia A307			1 <sup>1</sup> / <sub>2</sub>	0	5
2			FIELD BOLTS		+1BVL, 1H D WASH	2 <sup>1</sup> / <sub>2</sub>		

WORK THIS SHEET WITH 04S413 & 04S414

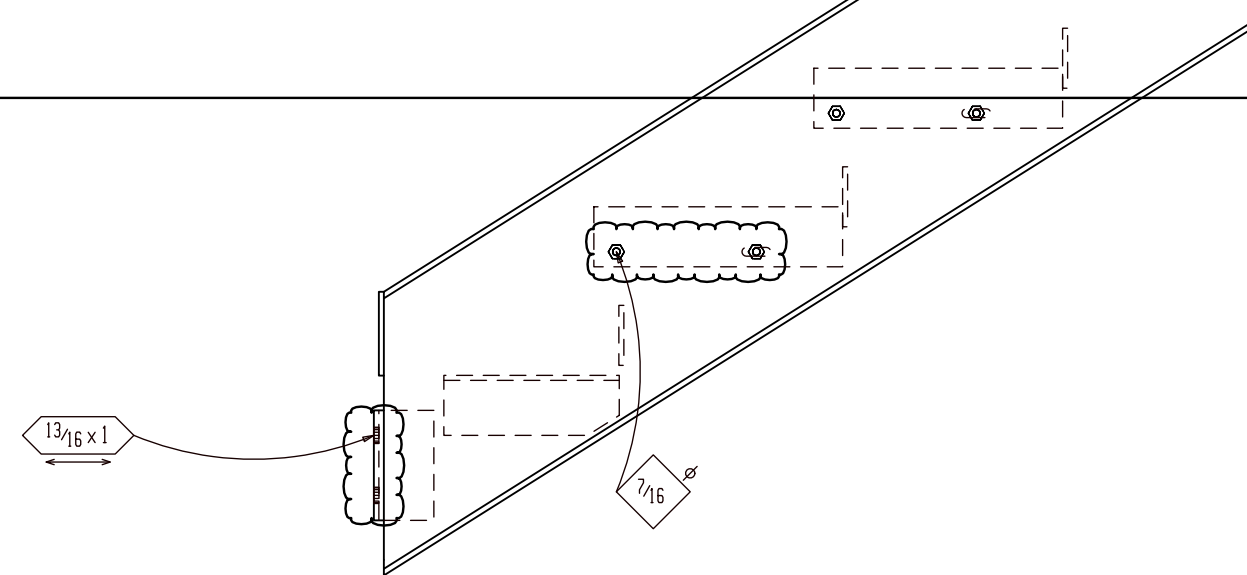
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

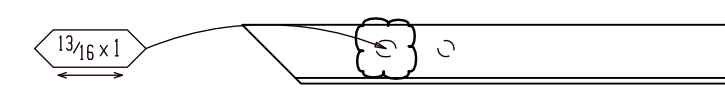
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION DATE	05-16-22



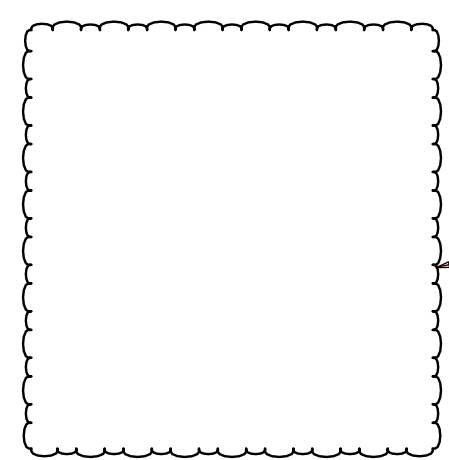
DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	△
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	ENGINEER		04S412	
CHECKER		ALN						
APPROVED		04-04-22						



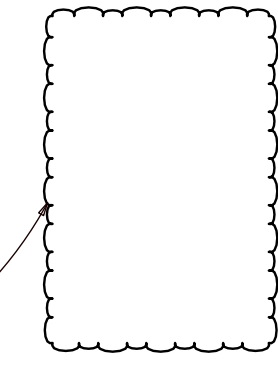
Section A-A  
04S412



Section C-C  
04S412



PLEASE CONFIRM STAIR STRINGER DIRECTLY FIELD WELDED AT TOP OF HEADER BEAM AT LANDING.



PLEASE CONFIRM PROPOSED SINGLE CLIP ANGLE CONN. TO HEADER BEAM.

WORK THIS SHEET WITH 04S412 & 04S414

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-16-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 04S413	

A

C ↓

WORK THIS SHEET WITH 04S412 & 04S413

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	<sup>13</sup> / <sub>16</sub> Ø DIA (UNO)			
SURFACE	SP2			
FINISH	GALVANIZED			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED				
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-16-22
		REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT

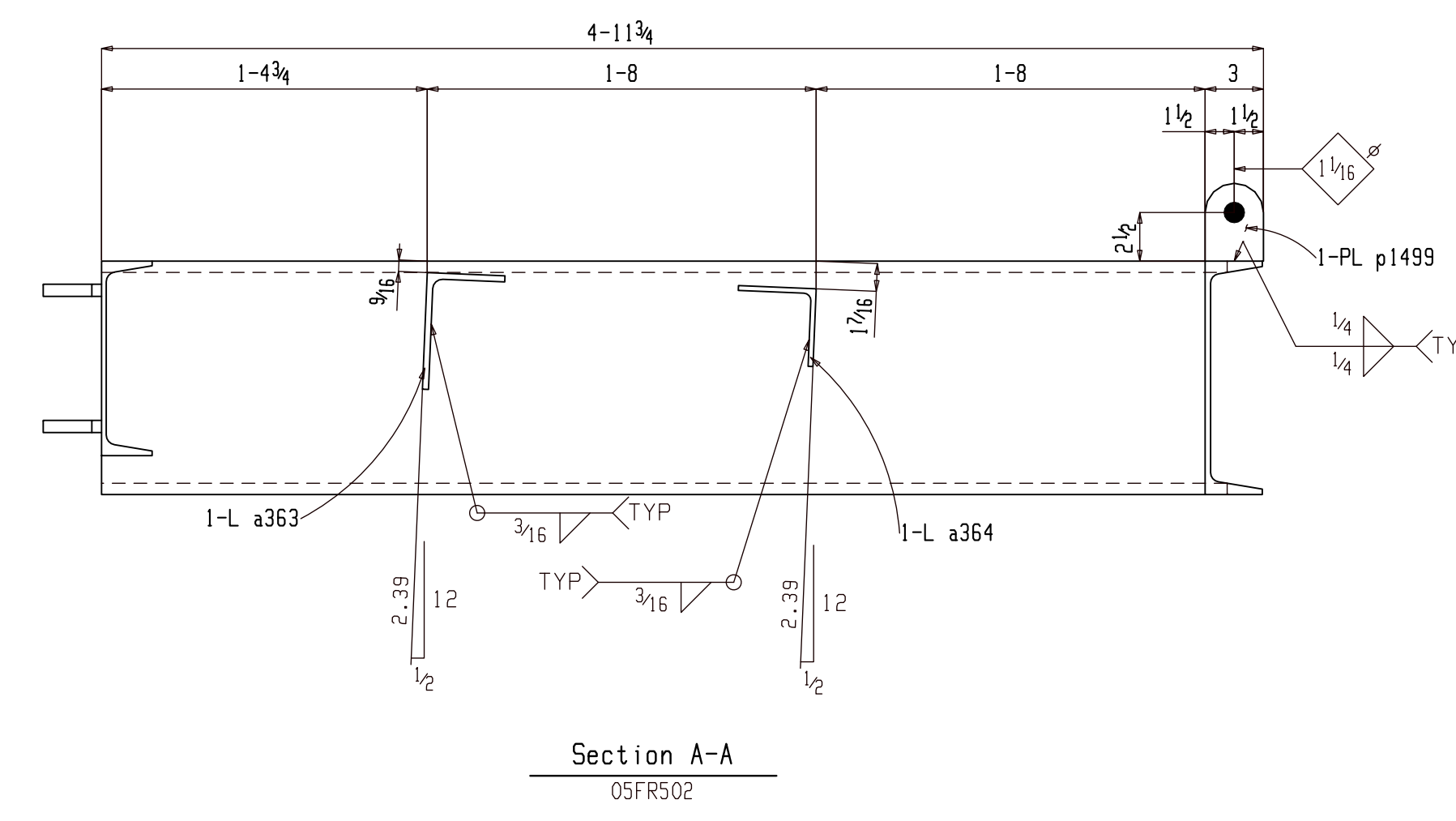
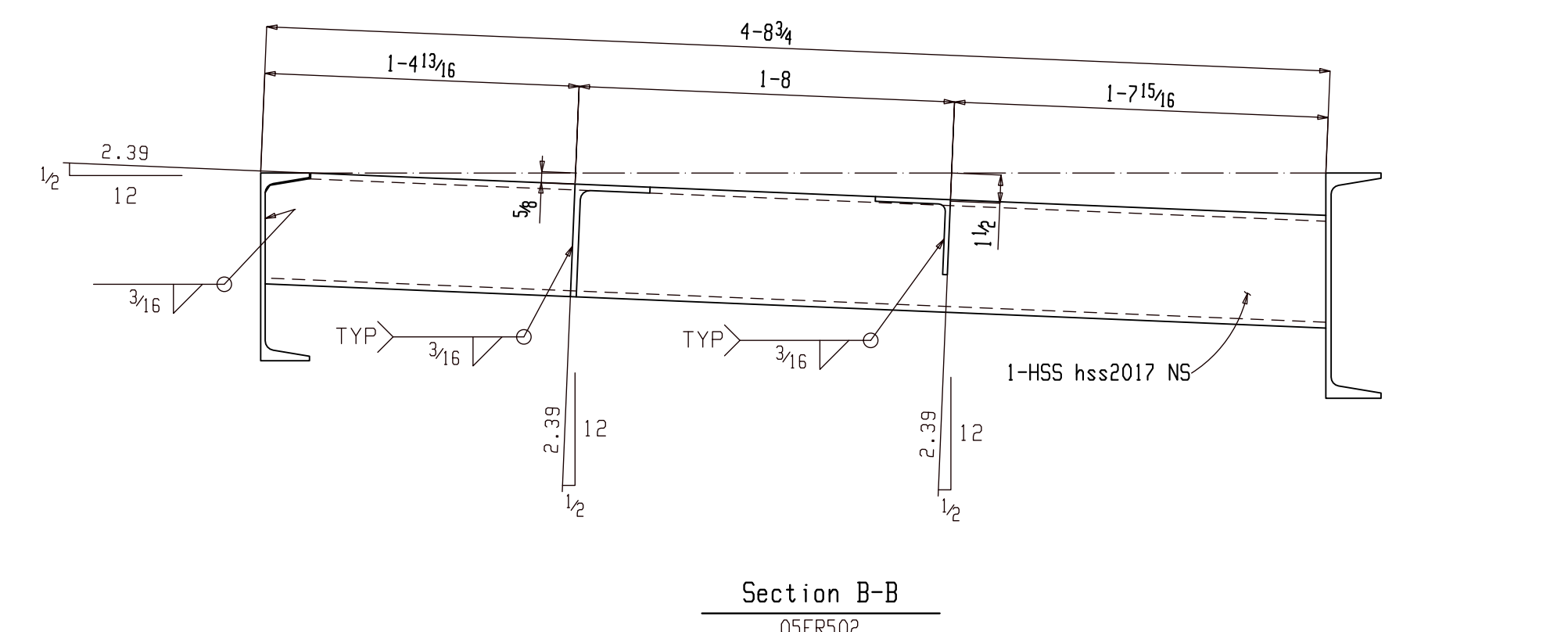
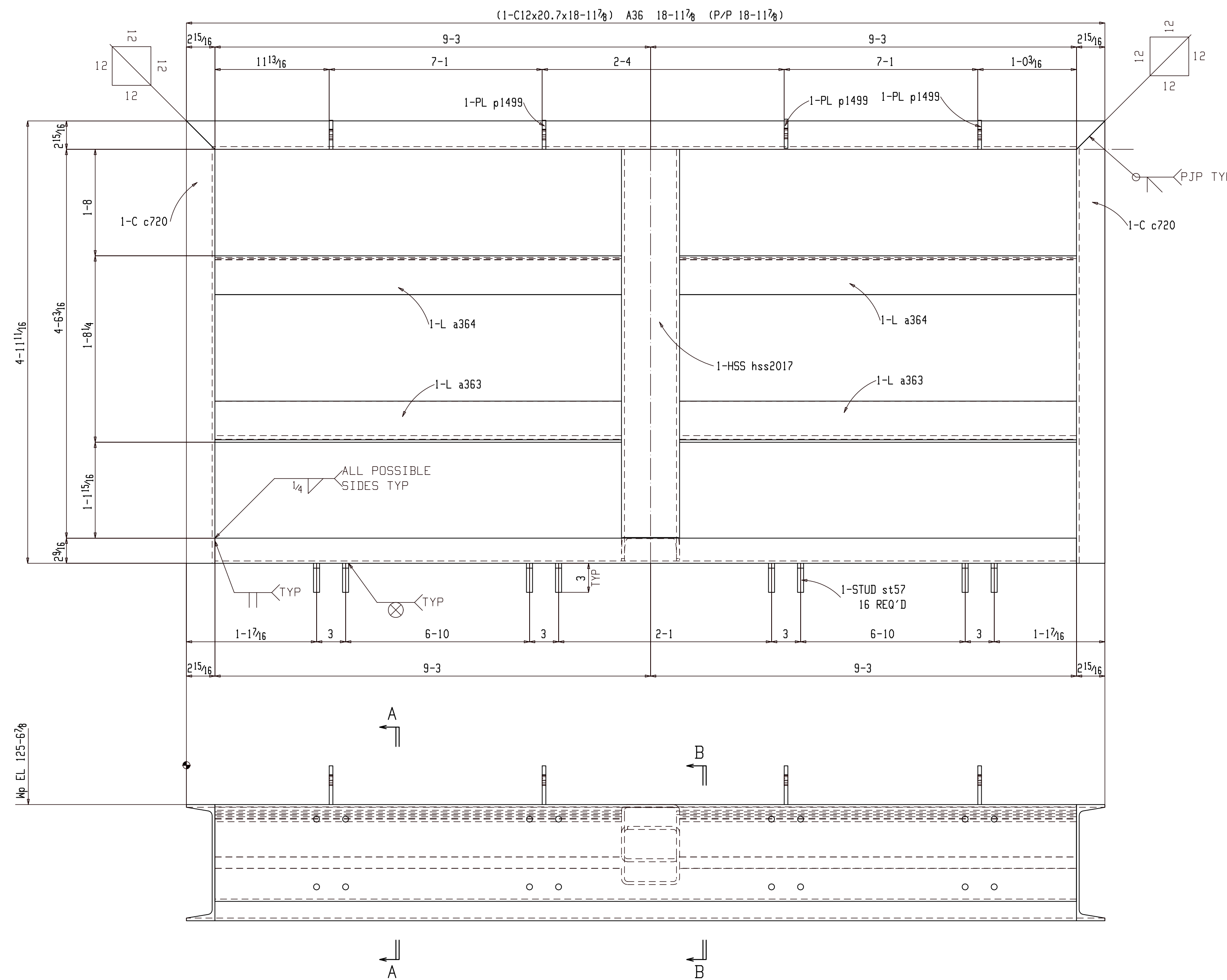
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210	REV	△
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	04S414		
CHECKER	ALN						
APPROVED	04-04-22						





**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	05FR502		BEAM				1306	1306
1		05FR502	C12x20.7	A36		18-117/8	393	393
16		st57	TWS <sup>5/8</sup>	A108		3	0	4
4		p1499	PL <sup>3/8x3</sup>	A36		4	1	5
2		a363	L6x4x <sup>5/16</sup>	A36		9-0	93	185
2		a364	L4x4x <sup>1/4</sup>	A36		9-0	59	119
1		hss2017	HSS6x6x <sup>5/16</sup>	A500C		4-8 <sup>3/4</sup>	110	110
2		c720	C12x20.7	A36		4-11 <sup>11/16</sup>	103	206
1		c716	C10x15.3	A36		18-6	283	283
<b>FIELD BOLTS</b>								
16			<sup>5/8</sup> NUT	A563	HHNT			
32			<sup>5/8</sup> WASHER	USS GR 8	RPL			
16			<sup>5/8</sup> WASHER	FAB-TIM	RPL			



ONE BEAM 05FR502

W	12x <sup>5/16</sup>
F	2 <sup>15/16</sup> x <sup>1/2</sup>
K	1 <sup>1/8</sup> x <sup>3/4</sup>

SHOP NOTE:  
TOE DIRECTION FAR SIDE

(E REFER: ES01)

ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 <sup>3/16</sup> Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE

GENERAL ARRANGEMENT

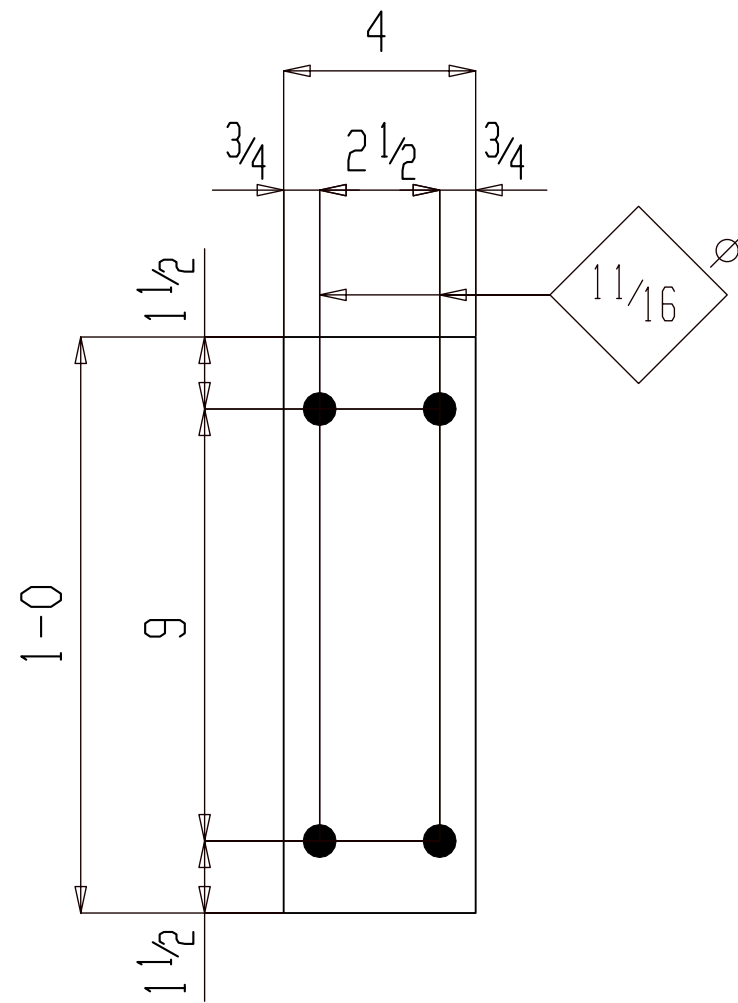
PROJECT NO 2210 REV A

DATE 04-04-22 JOB NAME MILWAUKEE STATION APARTMENTS

CHECKER ALN JOB LOCATION GREAT FALLS, MONTANA

APPROVED 04-04-22

ENGIN NO 05FR502



4 FABREEKA THERMAL PLATES 05M502

(E REFER: E501)  
(S REFER : 16/S6.3)

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	05M502		FABREEKA THERMAL PLATE				10	41
4		05M502	PL <sup>3/4</sup> x4	A36		1-0	10	41

**FOR APPROVAL**  
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE


HOLES	1 3/16" DIA (UNO)		
SURFACE	SP2		
FINISH			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

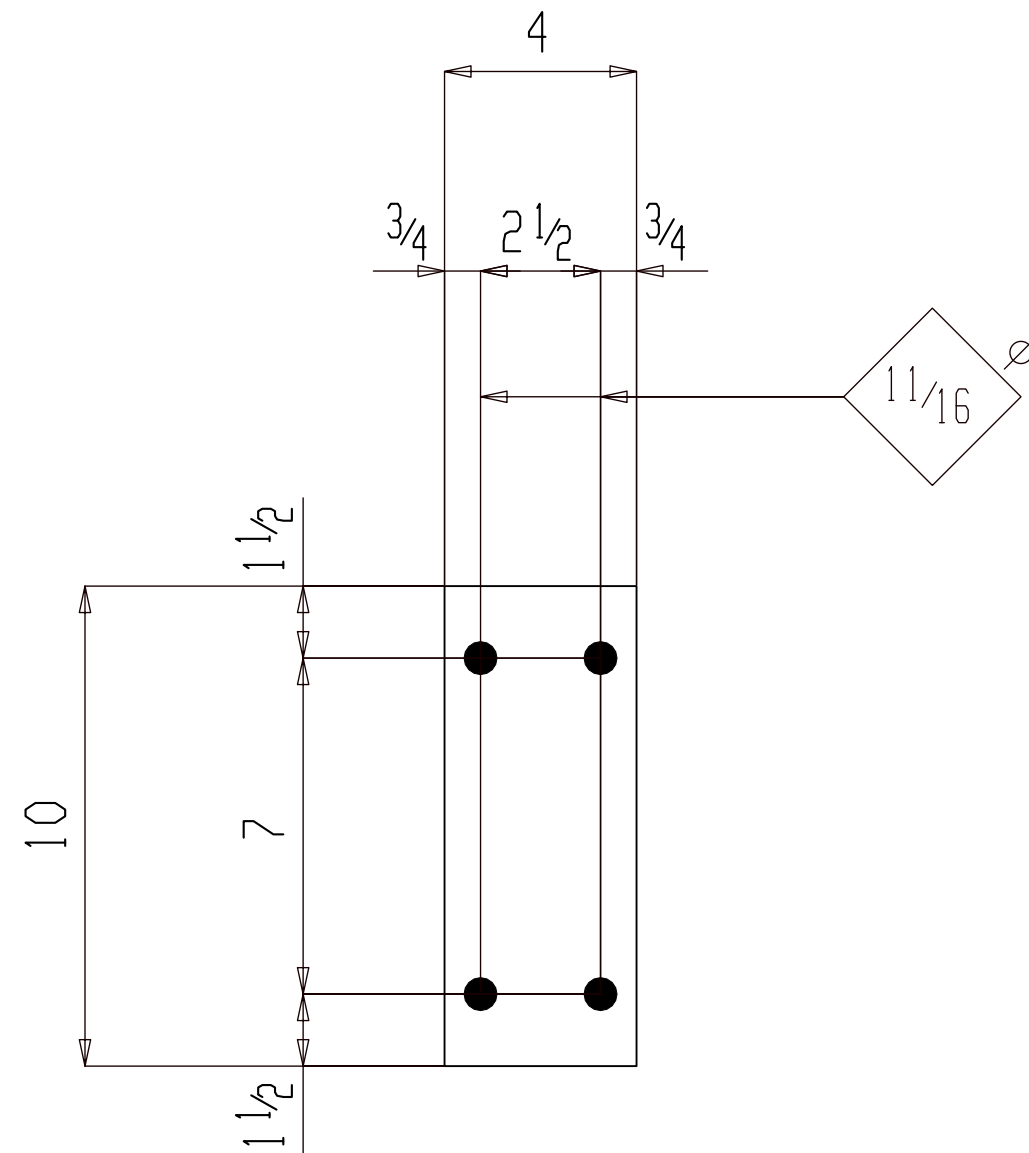
GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	REV	
CHECKER	ALN			DWG NO	05M502
APPROVED	04-04-22				

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

FOR APPROVAL																					
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE																					
HOLES	13/16" DIA (UNO)																				
SURFACE	SP2																				
FINISH	1SC PRIMER																				
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS																				
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE																				
ELECTRODES	E70XX LOW HYDROGEN																				
ALL HEADED/THR'D STUD AUTO WELDED																					
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE																		
																					
GENERAL ARRANGEMENT																					
<table border="0" style="width: 100%;"> <tr> <td style="width: 25%;">DETAILER</td> <td style="width: 25%;">AKM</td> <td style="width: 25%;">JOB NAME</td> <td>MILWAUKEE STATION APARTMENTS</td> </tr> <tr> <td>DATE</td> <td>04-04-22</td> <td>JOB LOCATION</td> <td>GREAT FALLS, MONTANA</td> </tr> <tr> <td>CHECKER</td> <td>ALN</td> <td> </td> <td> </td> </tr> <tr> <td>APPROVED</td> <td>04-04-22</td> <td> </td> <td> </td> </tr> </table>	DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	CHECKER	ALN			APPROVED	04-04-22			<table border="0" style="width: 100%;"> <tr> <td>PROJECT NO</td> <td>2210</td> </tr> <tr> <td>DWG NO</td> <td>05M503</td> </tr> </table>	PROJECT NO	2210	DWG NO	05M503
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS																		
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA																		
CHECKER	ALN																				
APPROVED	04-04-22																				
PROJECT NO	2210																				
DWG NO	05M503																				



4 FABREEKA THERMAL PLATES 05M504

(E REFER: E501)  
 (S REFER : 16/S6.3)

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	05M504		FABREEKA THERMAL PLATE				9	34
4		05M504	PL <sup>3/4</sup> x4	A36		10	9	34

FOR APPROVAL				
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE				
HOLES	13/16 DIA (UNO)			
SURFACE	SP2			
FINISH				
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD AUTO WELDED				
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE
GENERAL ARRANGEMENT				PROJECT NO 2210
DETAILER AKM	JOB NAME MILWAUKEE STATION APARTMENTS			REV △
DATE 04-04-22	JOB LOCATION GREAT FALLS, MONTANA			DWG NO 05M504
CHECKER ALN				
APPROVED 04-04-22				

## BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

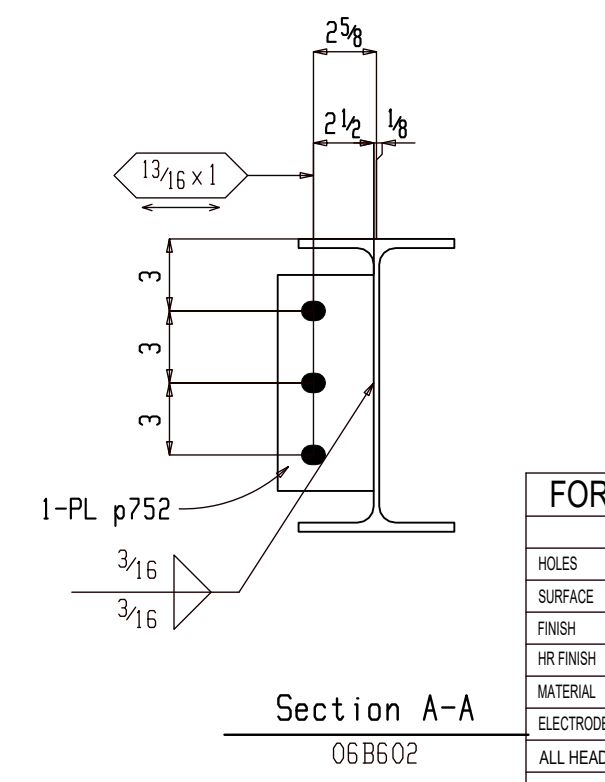
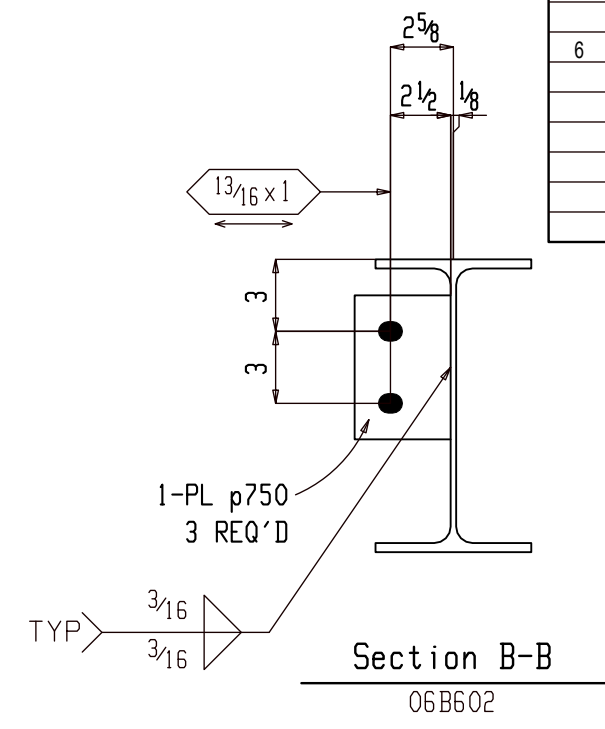
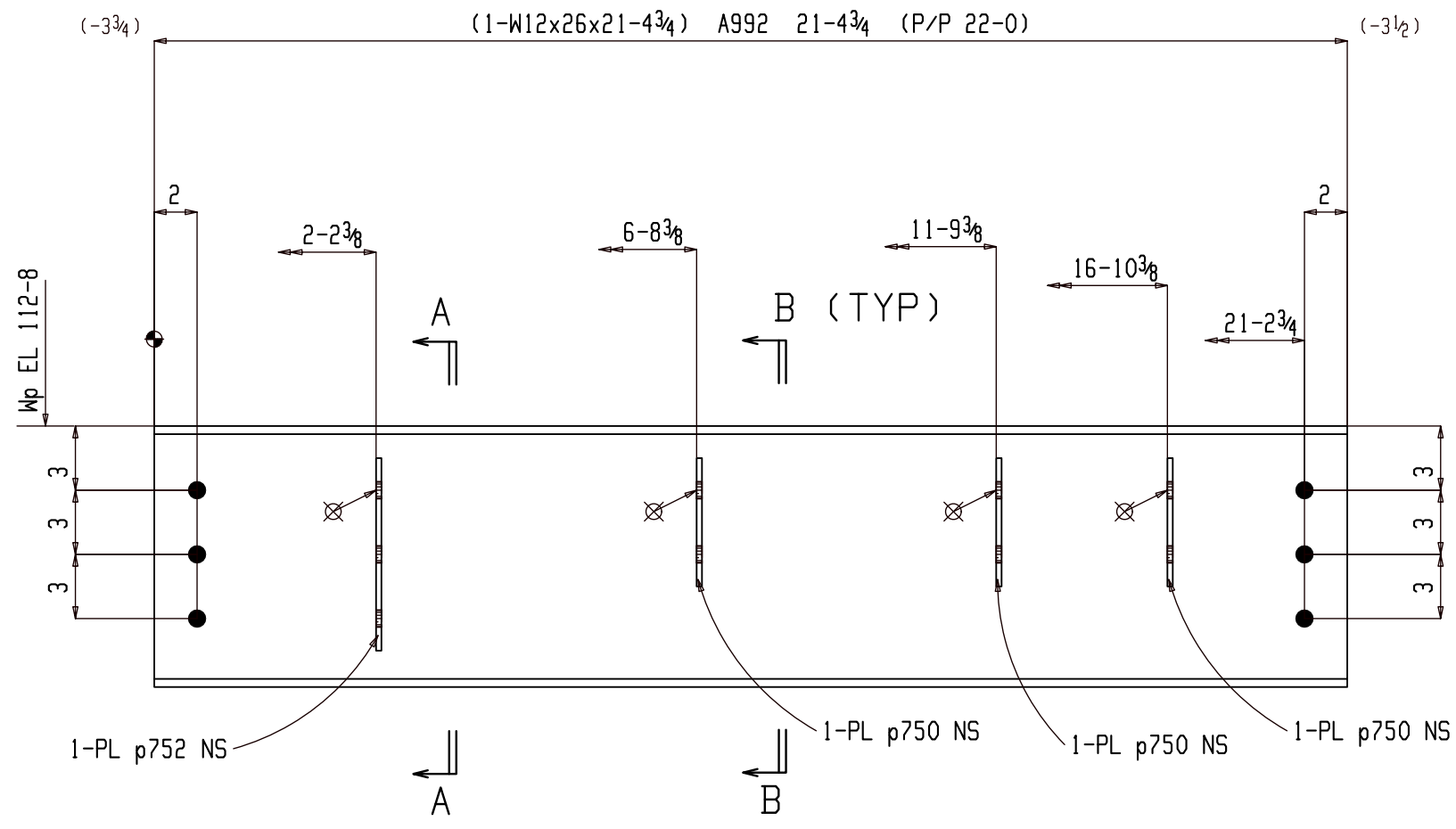
HOLES	13/16" DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD	AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT			PROJECT NO <b>2210</b>	REV 
DETAILER <b>AKM</b> DATE <b>04-04-22</b>	JOB NAME <b>MILWAUKEE STATION APARTMENTS</b>	CHECKER <b>ALN</b> APPROVED <b>04-04-22</b>	JOB LOCATION <b>GREAT FALLS, MONTANA</b>	DRWG NO <b>05M505</b>



BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B602		BEAM					564
1		06B602	W12x26	A992		21-4 <sup>3</sup> / <sub>4</sub>	556	556
1		p752	PL 1/4x4	A36		9	3	3
3		p750	PL 1/4x4	A36		6	2	5
			FIELD BOLTS					
6			3/4 Dia A325N		+1HD WASH	1 1/2		



ONE BEAM 06B602

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 1/2 x 3/8
K	1 1/16 x 1 <sup>3</sup> / <sub>16</sub>

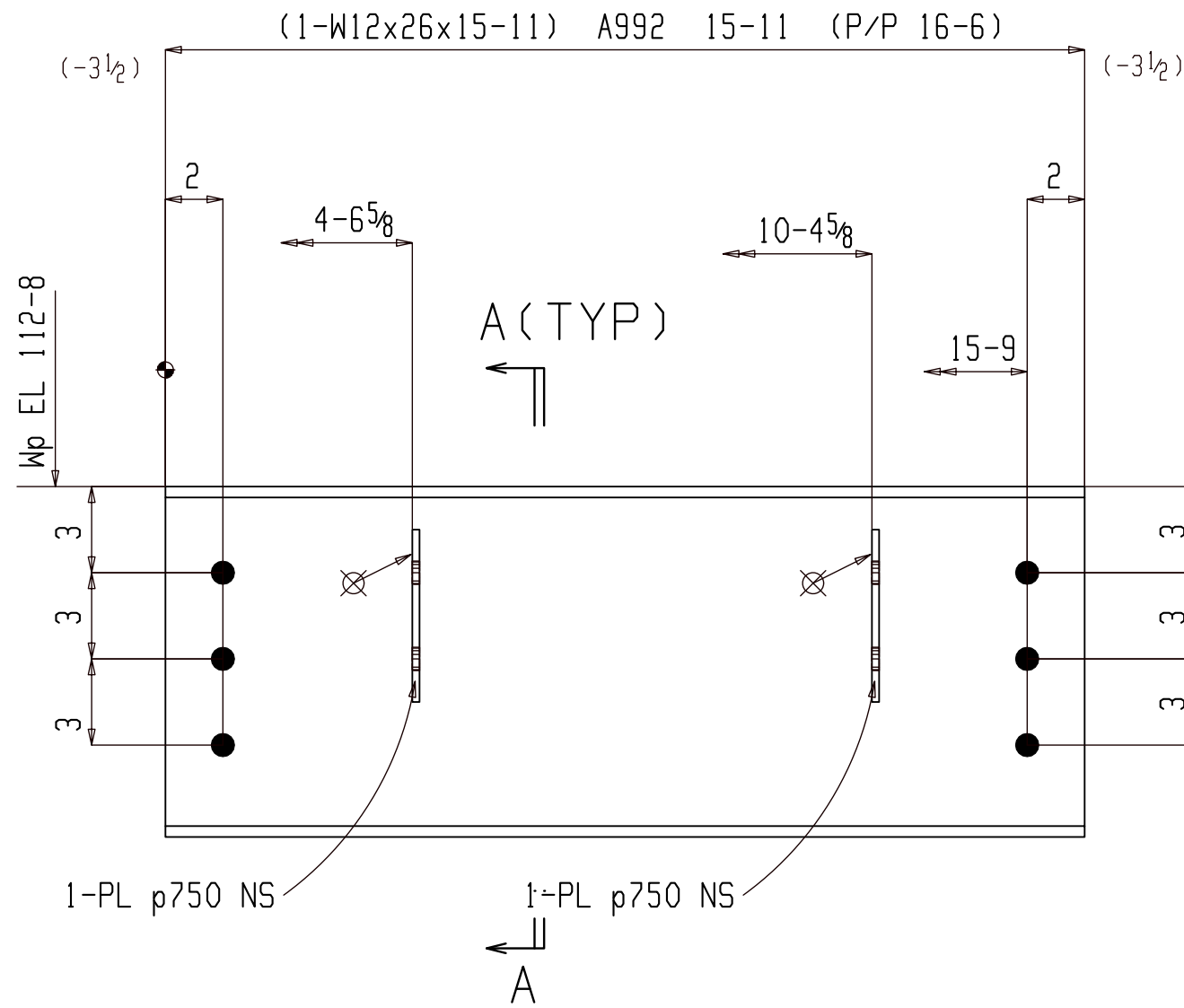
(E REFER: E601)

ISC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		06B602	
CHECKER		ALN									
APPROVED		04-04-22									





ONE BEAM 06B603

W 12<sup>3</sup>/<sub>16</sub> x 1/4

F 6 1/2 x 3/8

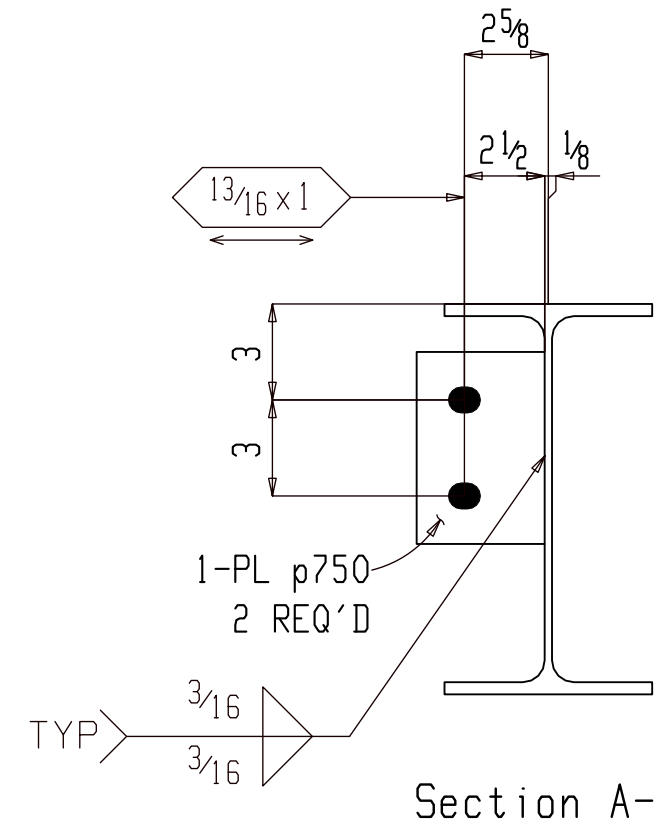
K 1 1/16 x 13/16

(E REFER: E601)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B603		BEAM				417	417
1		06B603	W12x26	A992		15-11	414	414
2		p750	PL 1/4x4	A36		6	2	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 1/2		



06B603

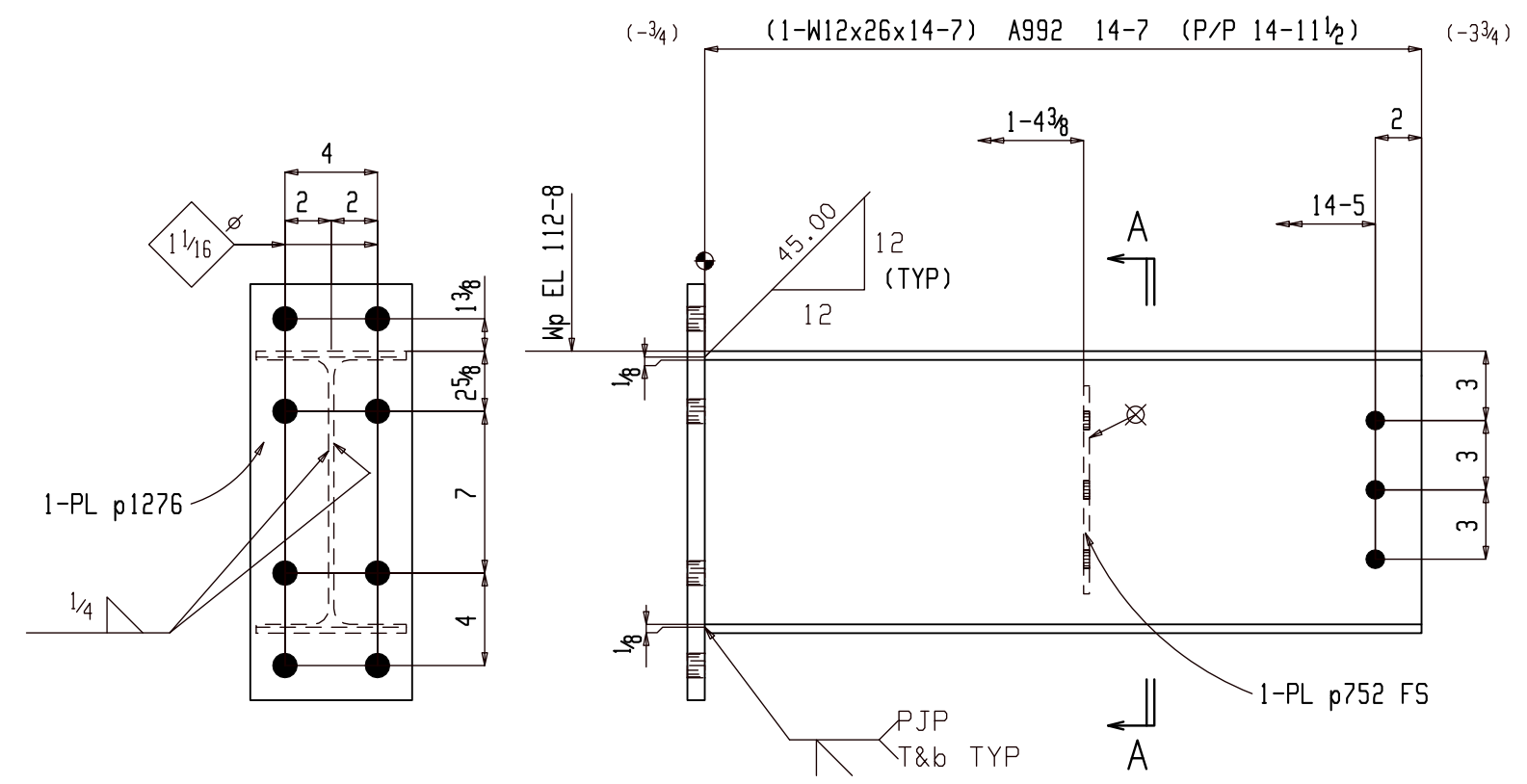
FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE



ANDERSON STEEL SUPPLY, INC. IS A MATERIALS SUPPLIER ONLY  
DESIGN VERIFICATION AND REVIEW IS THE RESPONSIBILITY OF THE DESIGNER OF RECORD  
GENERAL ARRANGEMENT

DETAILER AKM DATE 04-04-22	CHECKER ALN DATE 04-04-22	APPROVED	JOB NAME MILWAUKEE STATION APARTMENTS	JOB LOCATION GREAT FALLS, MONTANA	PROJECT NO 2210	REV △	DWG NO 06B603
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BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B604		BEAM				409	409
1		06B604	W12x26	A992		14-7	379	379
1		p1276	PL <sup>3/4</sup> x7	A572-50		1-6	27	27
1		p752	PL <sup>1/4</sup> x4	A36		9	3	3
FIELD BOLTS								
3			<sup>3/4</sup> Dia A325N		+1HD WASH	1 <sup>1/2</sup>		

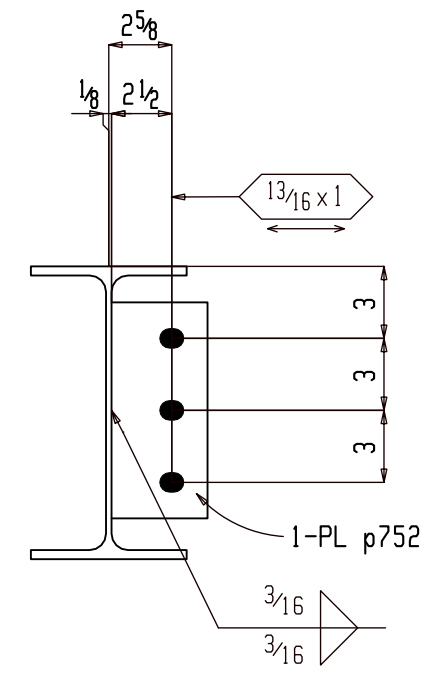


ONE BEAM 06B604

W	12 <sup>3/16</sup> x 1/4
F	6 <sup>1/2</sup> x 3/8
K	1 <sup>1/16</sup> x 1 <sup>3/16</sup>

(E REFER: E601)

ISC PRIMER



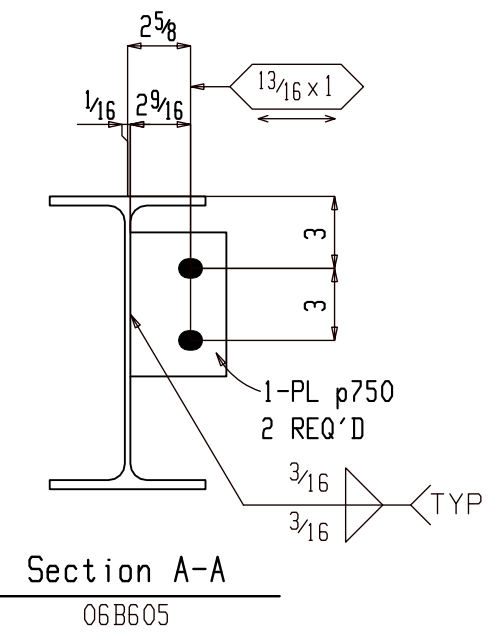
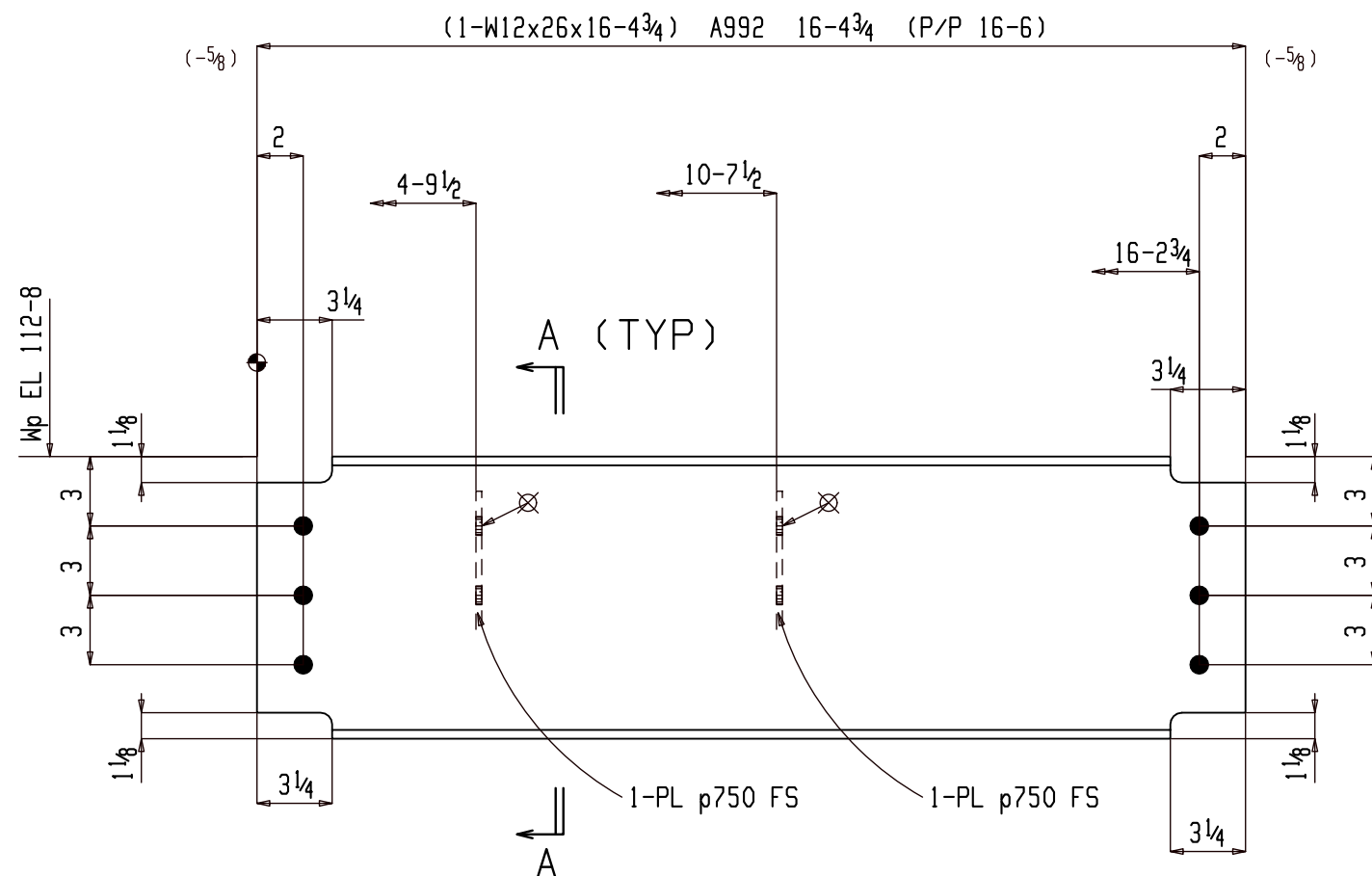
Section A-A

06B604

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3/16</sup> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

DETAILER		AKM		JOB NAME		MILWAUKEE STATION APARTMENTS		PROJECT NO		2210	
DATE		04-04-22		JOB LOCATION		GREAT FALLS, MONTANA		DWG NO		06B604	
CHECKER		ALN									
APPROVED		04-04-22									



ONE BEAM 06B605

W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 <sup>1</sup> / <sub>2</sub> x 3/8
K	1 <sup>1</sup> / <sub>16</sub> x 13/16

(E REFER: E601)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B605		BEAM				430	430
1		06B605	W12x26	A992		16-4 <sup>3</sup> / <sub>4</sub>	426	426
2		p750	PL 1/4x4	A36		6	2	3
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		

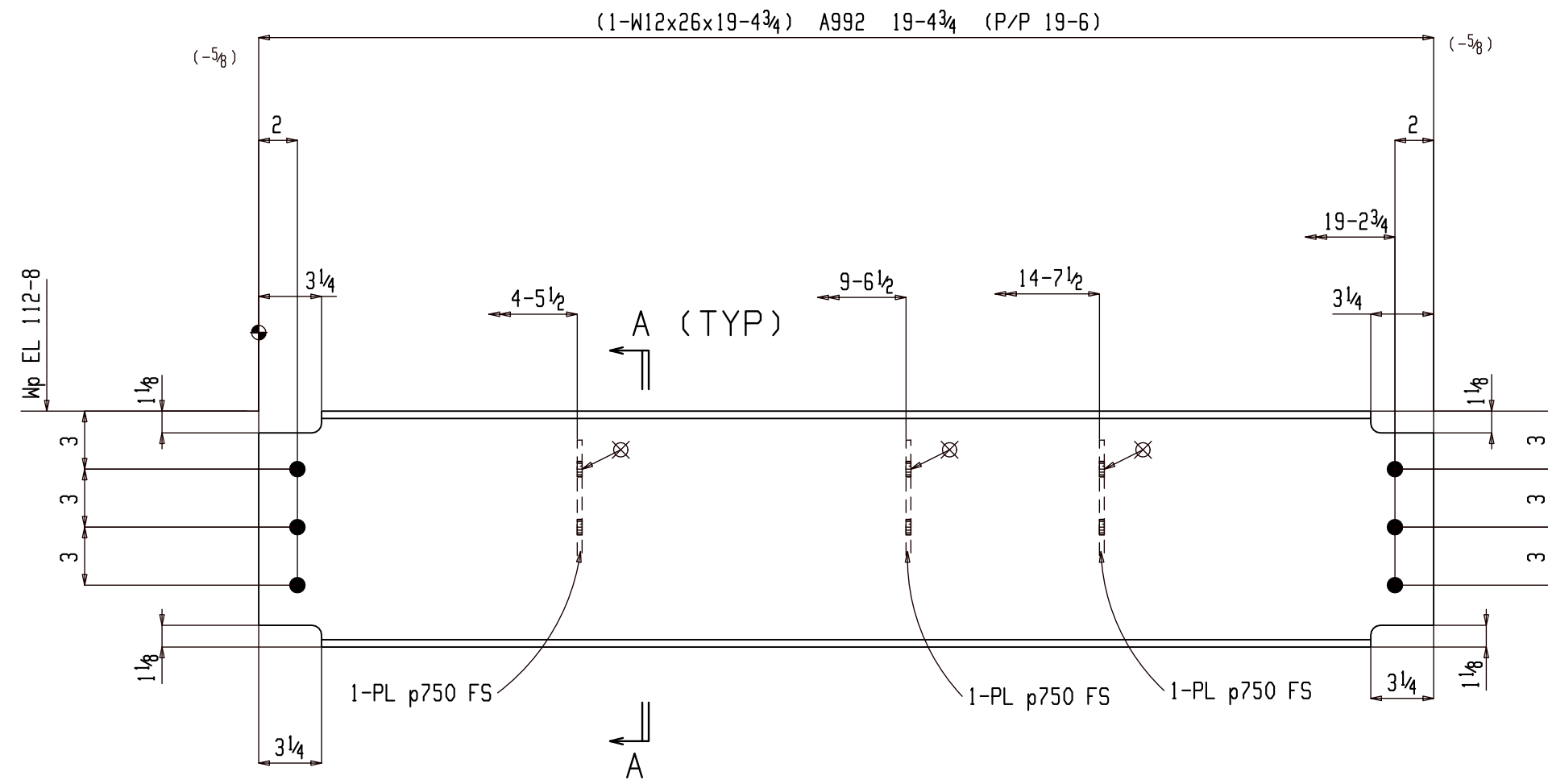
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	06B605
CHECKER		ALN				
APPROVED		04-04-22				



ONE BEAM 06B606

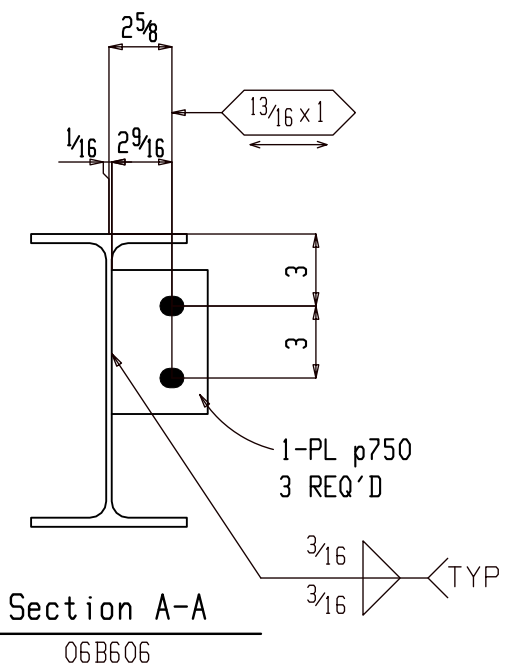
W 12<sup>3</sup>/<sub>16</sub> x 1/4  
 F 6<sup>1</sup>/<sub>2</sub> x 3/8  
 K 1<sup>1</sup>/<sub>16</sub> x 1<sup>3</sup>/<sub>16</sub>

(E REFER: E601)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B606		BEAM				509	509
1		06B606	W12x26	A992		19-4 <sup>3</sup> / <sub>4</sub>	504	504
3		p750	PL 1/4x4	A36		6	2	5
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		



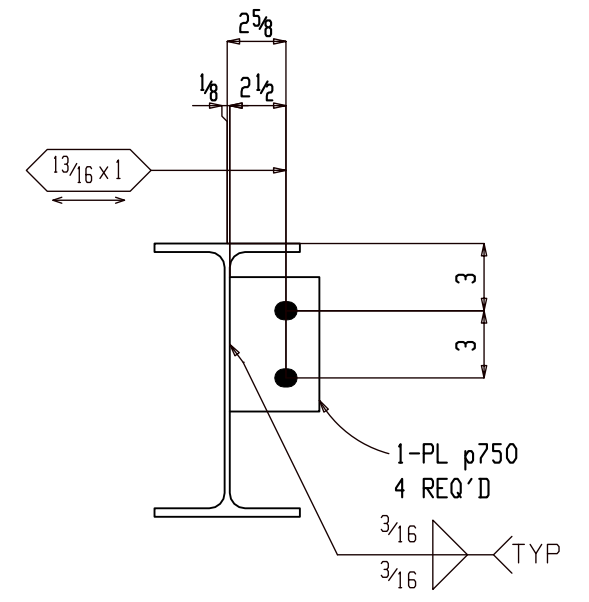
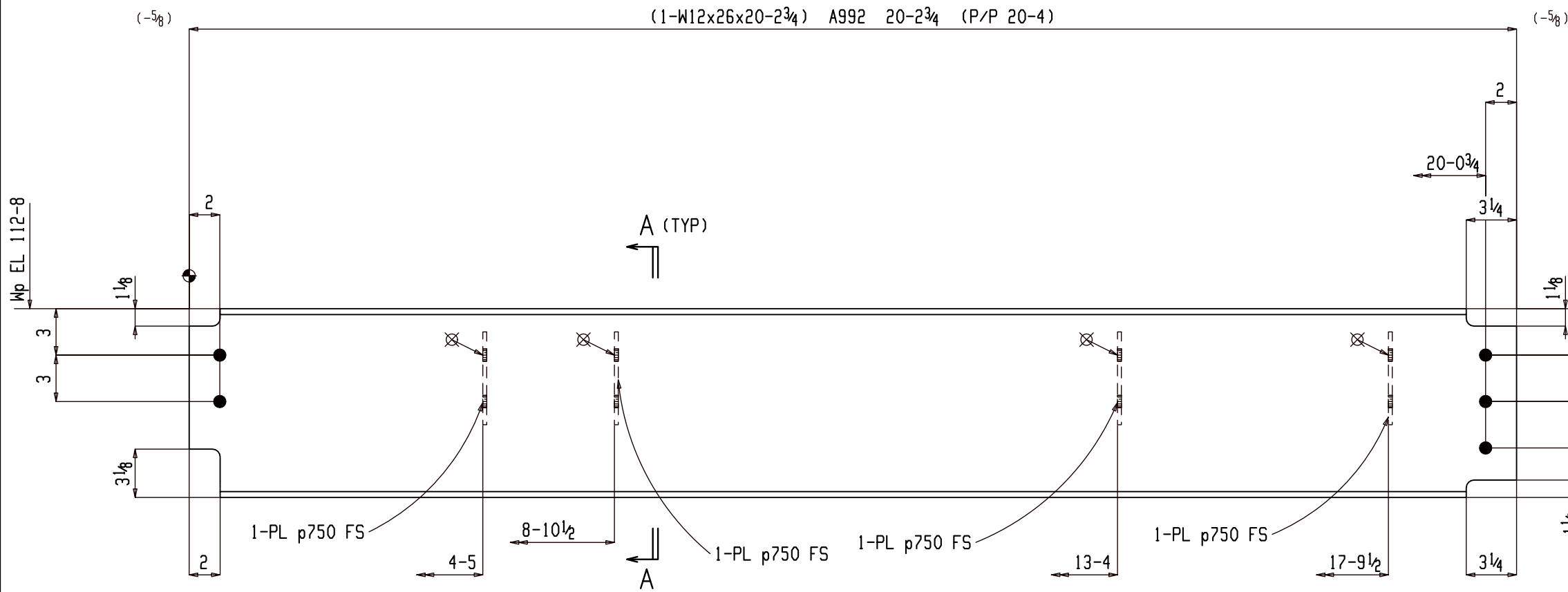
Section A-A  
06B606

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
REV	DESCRIPTION		DATE

DETAILER		JOB NAME		PROJECT NO	
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	ALN	GREAT FALLS, MONTANA			
APPROVED	04-04-22				

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	06B607		BEAM					533	533
1		06B607	W12x26	A992		20-2 <sup>3</sup> / <sub>4</sub>	526	526	
4		p750	PL 1/4x4	A36		6	2	7	
FIELD BOLTS									
5			3/4 Dia A325N		+1HD WASH	1 1/2			



Section A-A  
06B607

ONE BEAM 06B607

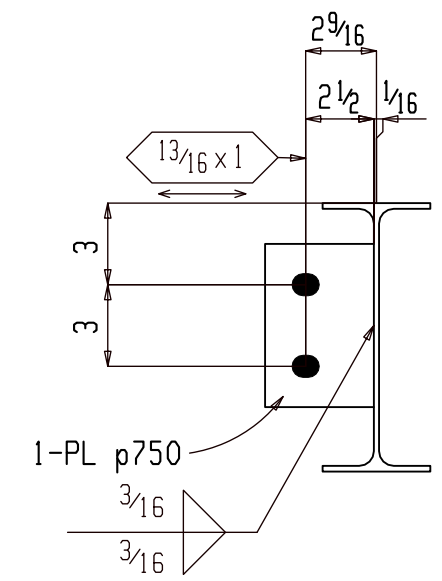
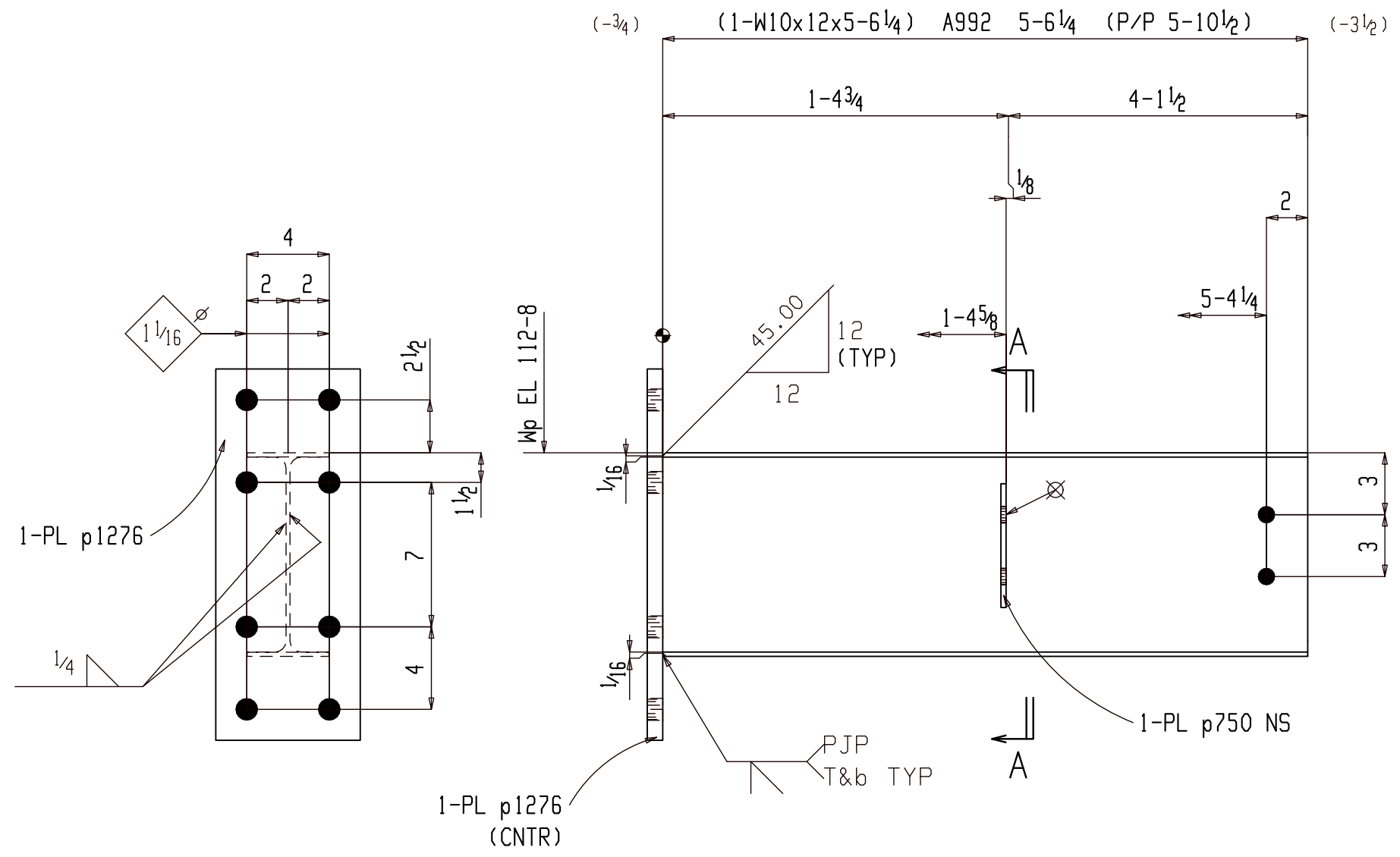
W	12 <sup>3</sup> / <sub>16</sub> x 1/4
F	6 1/2 x 3/8
K	1 1/16 x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E601)  
1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
	REV	DESCRIPTION	DATE

GENERAL ARRANGEMENT			PROJECT NO	2210
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	DWG NO
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	06B607
CHECKER	ALN			
APPROVED	04-04-22			

BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B608		BEAM					95 95
1		06B608	W10x12	A992		5-6 1/4	66	66
1		p1276	PL 3/4x7	A572-50		1-6	27	27
1		p750	PL 1/4x4	A36		6	2	2
FIELD BOLTS								
2			3/4 Dia A325N		+1HD WASH		1 1/2	



Section A-A  
06B608

ONE BEAM 06B608

W	9 7/8 x 3/16
F	3 15/16 x 3/16
K	3/4 x 5/8

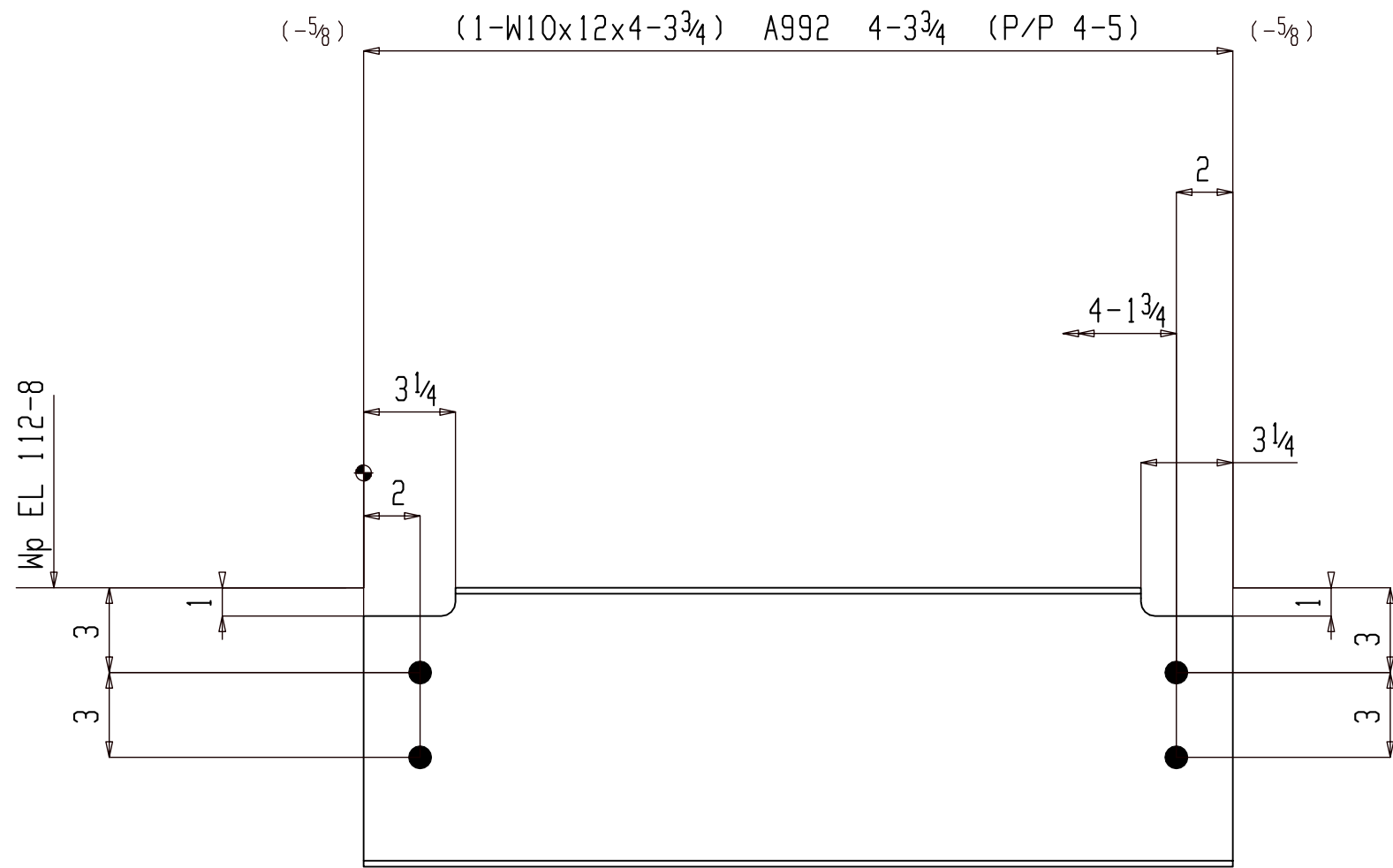
(E REFER: E601)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS	2210
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA	
APPROVED	04-04-22			06B608



3 BEAMS 06B609

W	$9\frac{7}{8} \times \frac{3}{16}$
F	$3\frac{15}{16} \times \frac{3}{16}$
K	$\frac{3}{4} \times \frac{5}{8}$

(E REFER: E601)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
3	06B609		BEAM				52	155
3		06B609	W10x12	A992		4-3 <sup>3</sup> / <sub>4</sub>	52	155
			FIELD BOLTS					
12			3/4 Dia A325N		+1HD WASH	1 1/2		

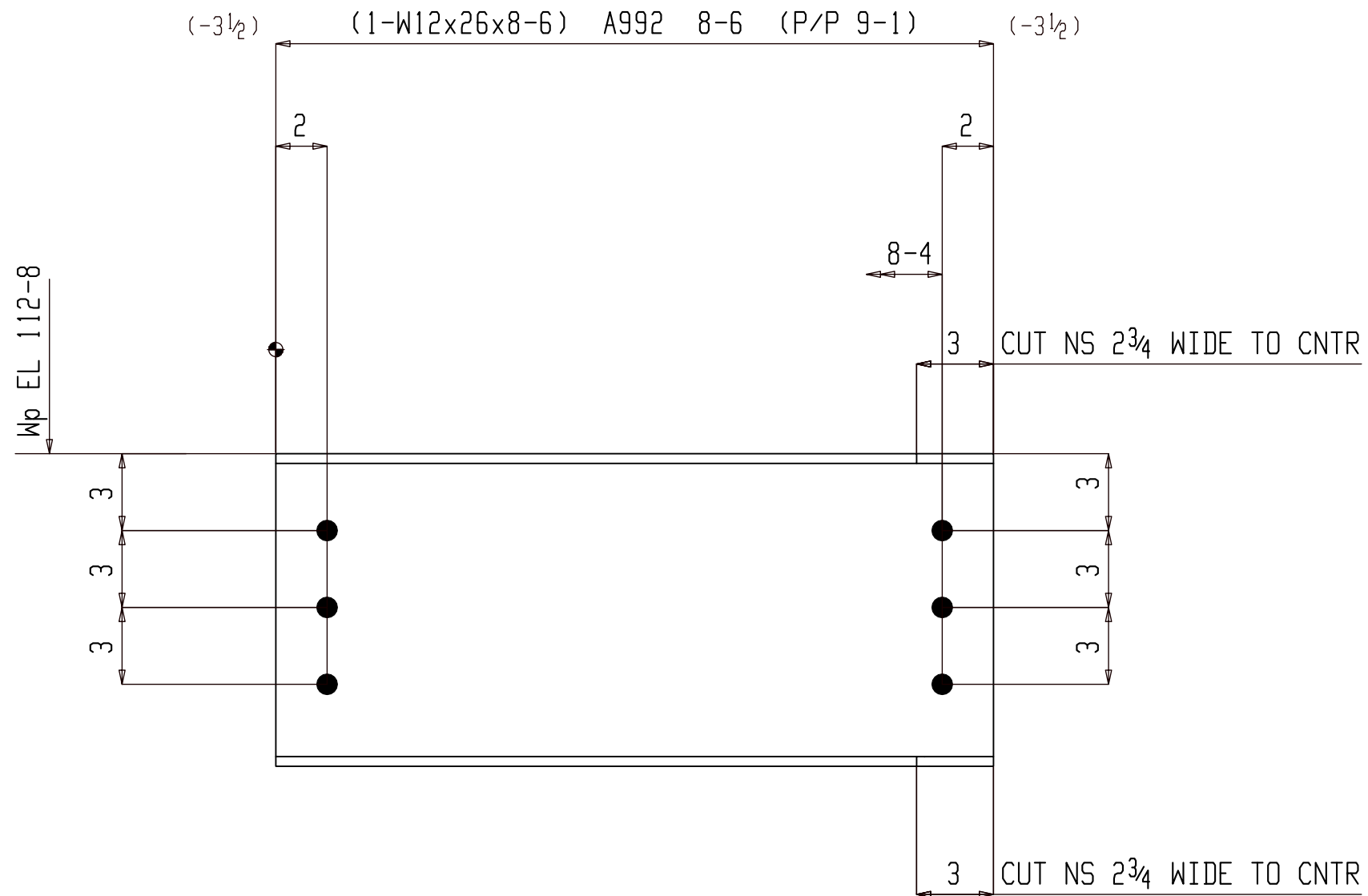
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE		04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	06B609
CHECKER		ALN				
APPROVED		04-04-22				



ONE BEAM 06B610

W 12<sup>3</sup>/<sub>16</sub> x 1/4

F 6<sup>1</sup>/<sub>2</sub> x 3/8

K 1<sup>1</sup>/<sub>16</sub> x 13/16

(E REFER: E601)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B610		BEAM				221	221
1		06B610	W12x26	A992		8-6	221	221
			FIELD BOLTS					
6			3/4 Dia A325N		+1HD WASH	1 1/2		

FOR APPROVAL

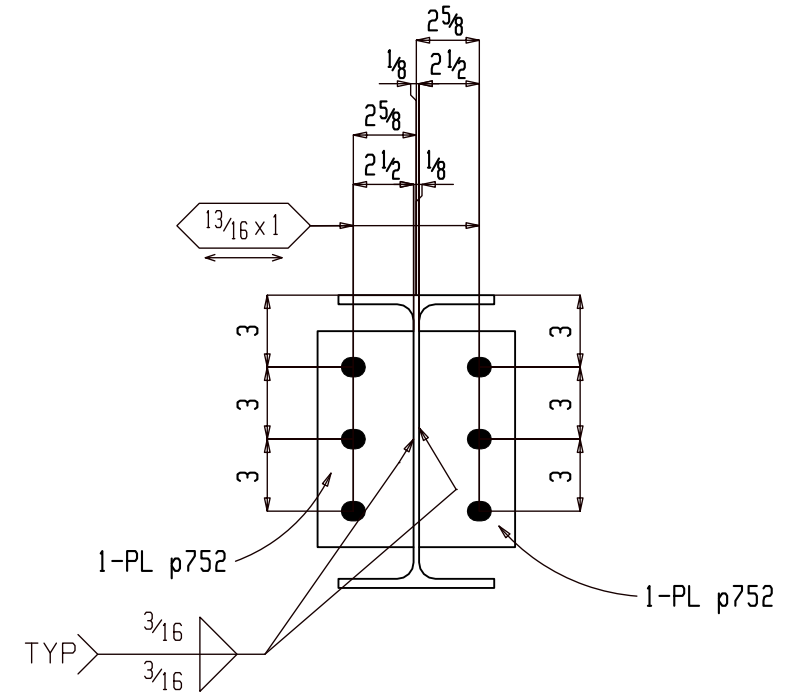
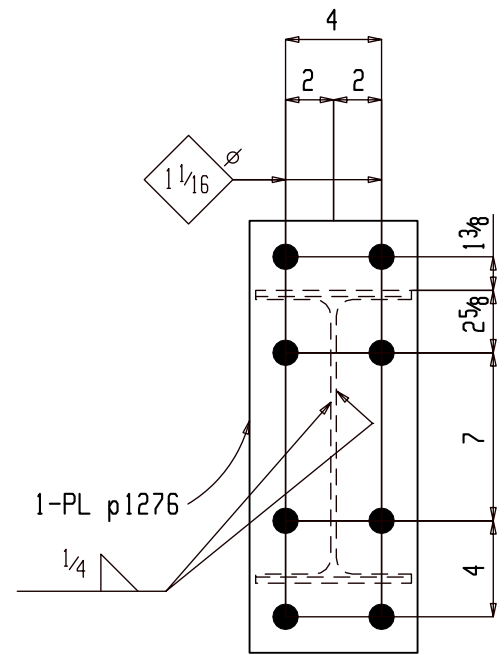
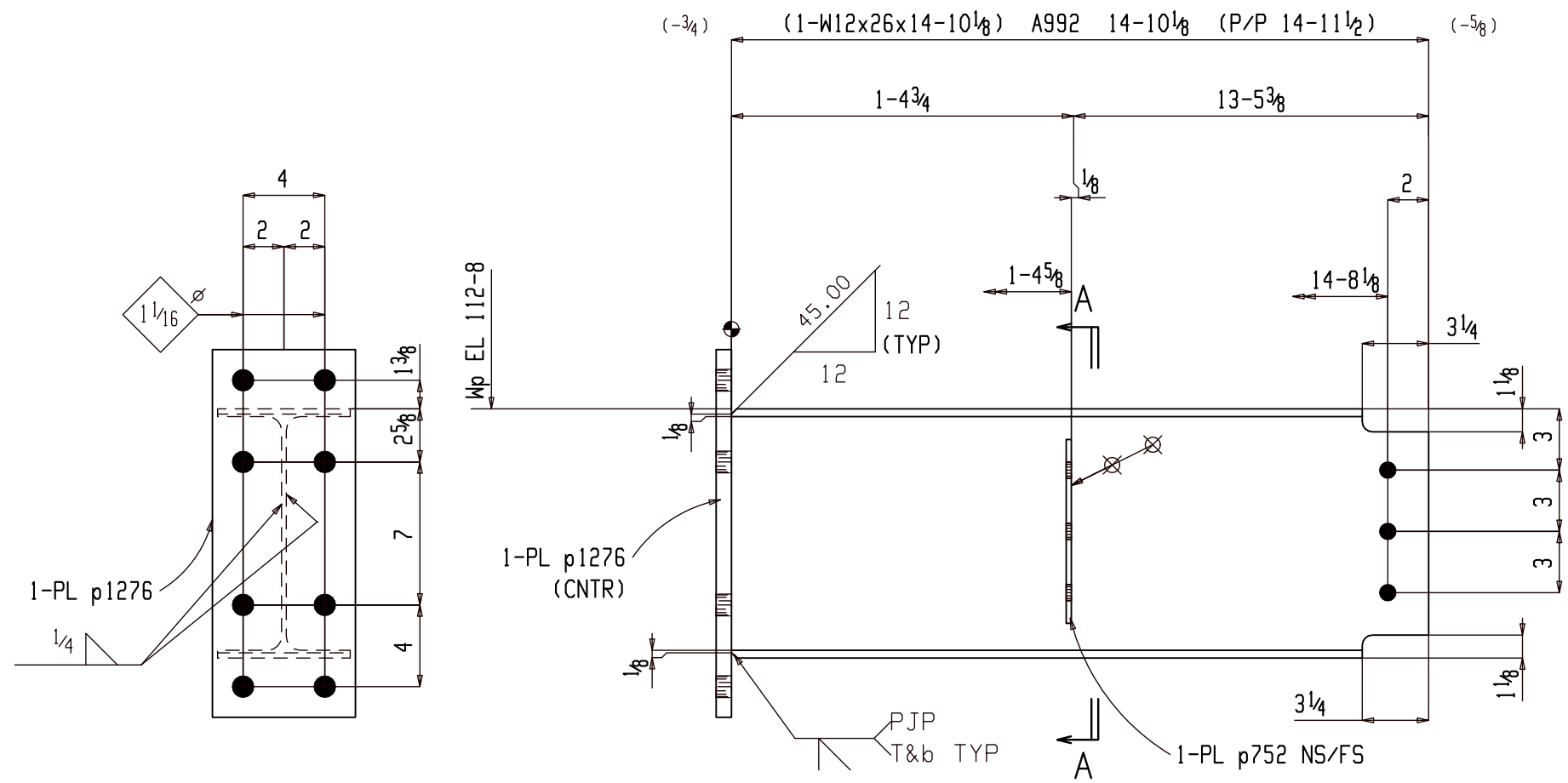
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)			
SURFACE	SP2			
FINISH	1SC PRIMER			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
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GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DETAILER	AKM	JOB NAME	2210	
DATE	04-04-22	MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		
APPROVED	04-04-22	GREAT FALLS, MONTANA		
			DWG NO	
			06B610	





Section A-A  
06B611

ONE BEAM 06B611

W	12 3/16 x 1/4
F	6 1/2 x 3/8
K	1 1/16 x 13/16

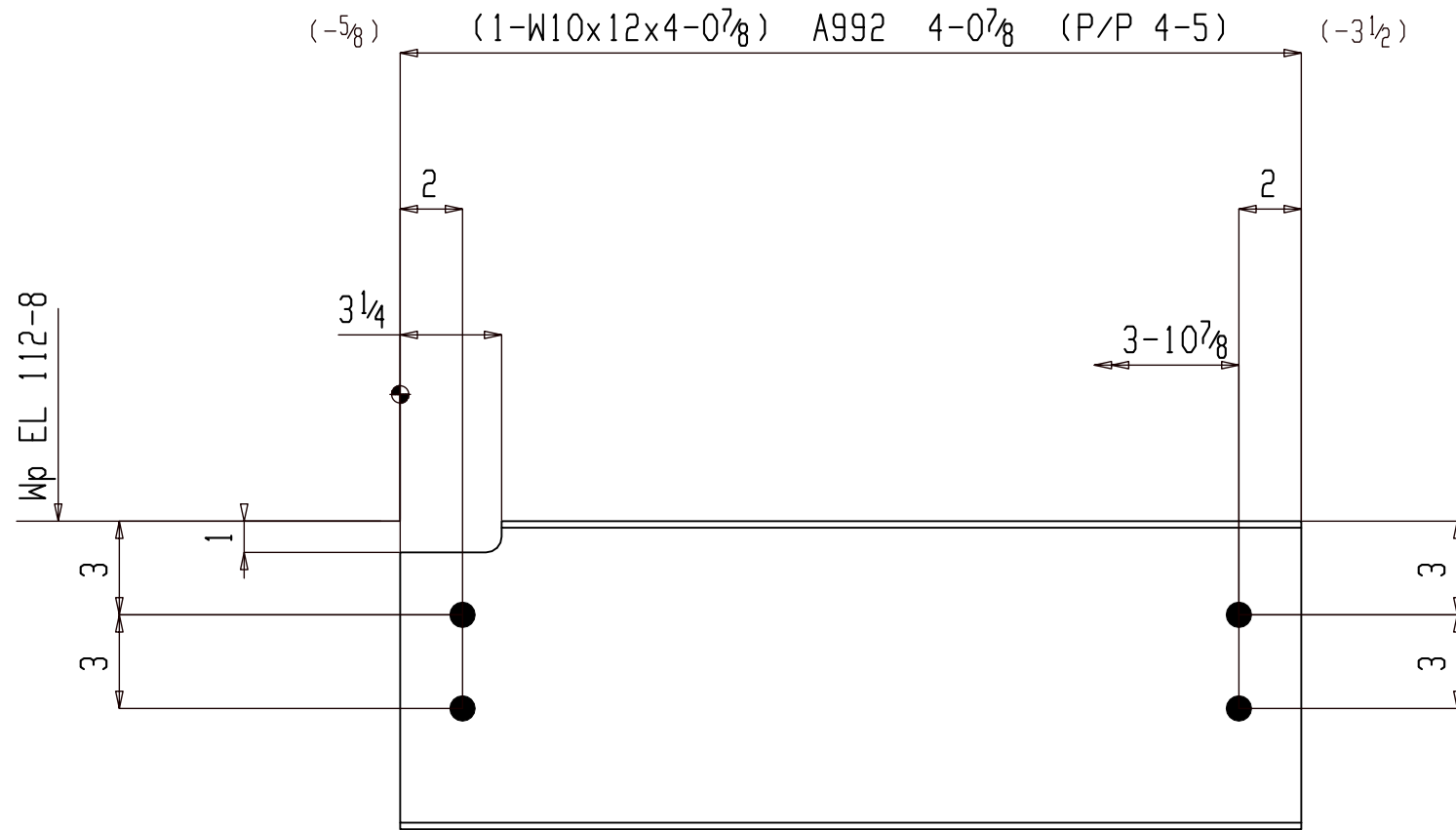
(E REFER: E601)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B611		BEAM				418	418
1		06B611	W12x26	A992		14-10 1/8	386	386
1		p1276	PL 3/4x7	A572-50		1-6	27	27
2		p752	PL 1/4x4	A36		9	3	5
FIELD BOLTS								
3			3/4 Dia A325N		+1HD WASH	1 1/2		

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT PROJECT NO 2210 JOB NAME MILWAUKEE STATION APARTMENTS JOB LOCATION GREAT FALLS, MONTANA			PROJECT NO 2210 JOB NO 06B611



ONE BEAM 06B612

W  $9\frac{7}{8} \times \frac{3}{16}$

F  $3\frac{15}{16} \times \frac{3}{16}$

K  $\frac{3}{4} \times \frac{5}{8}$

(E REFER: E601)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B612		BEAM				49	49
1		06B612	W10x12	A992		4-0 <sup>7</sup> / <sub>8</sub>	49	49
			FIELD BOLTS					
4			3/4 Dia A325N		+1HD WASH	1 1/2		

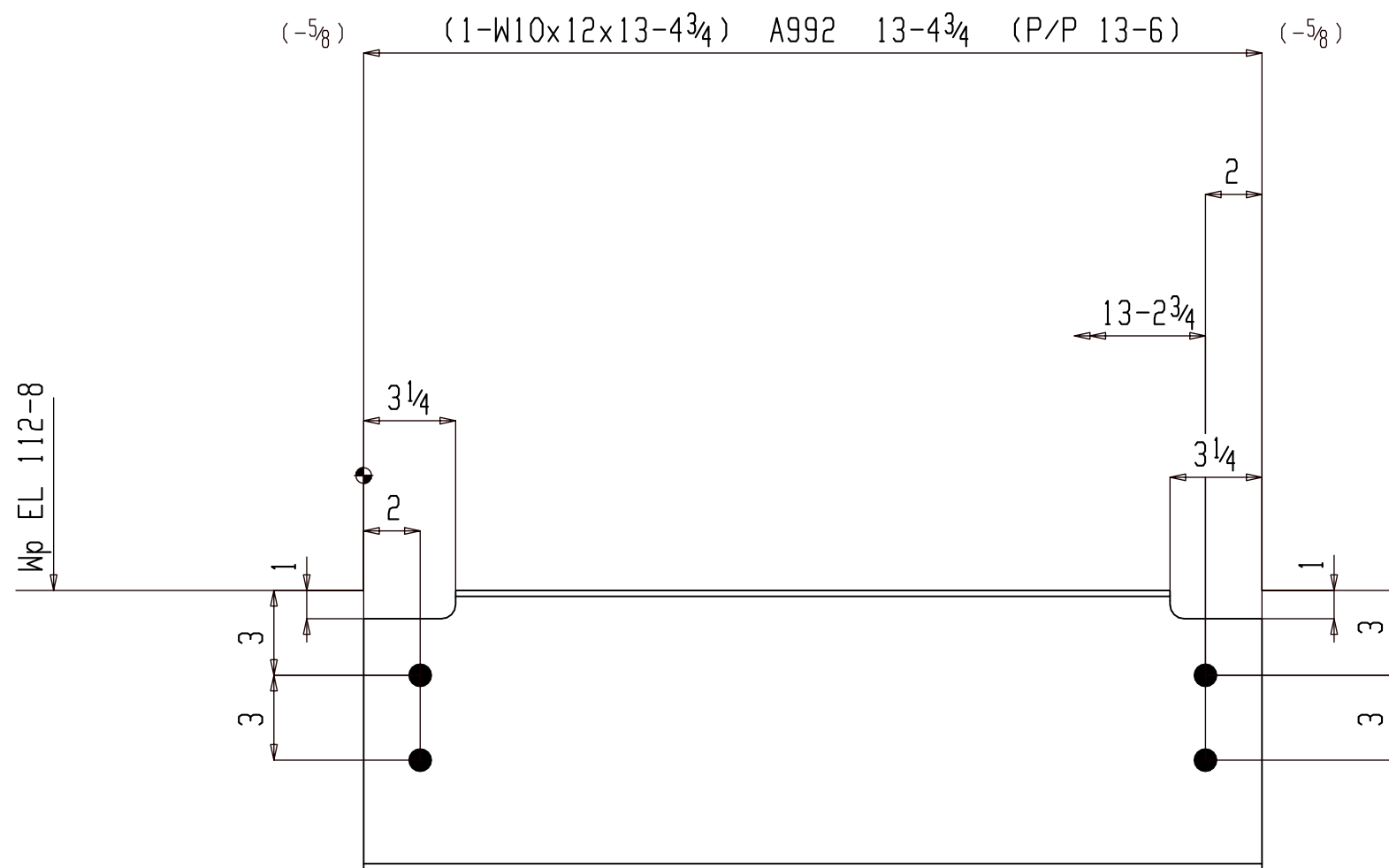
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A REV	For Approval DESCRIPTION DATE
			05-06-22



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT			DWG NO	06B612	



5 BEAMS 06B613

W 9 7/8 x 3/16

F 3 15/16 x 3/16

K 3/4 x 5/8

(E REFER: E601)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
5	06B613		BEAM				161	804
5		06B613	W10x12	A992		13-4 3/4	161	804
			FIELD BOLTS					
20			3/4 Dia A325N		+1HD WASH	1 1/2		

### FOR APPROVAL

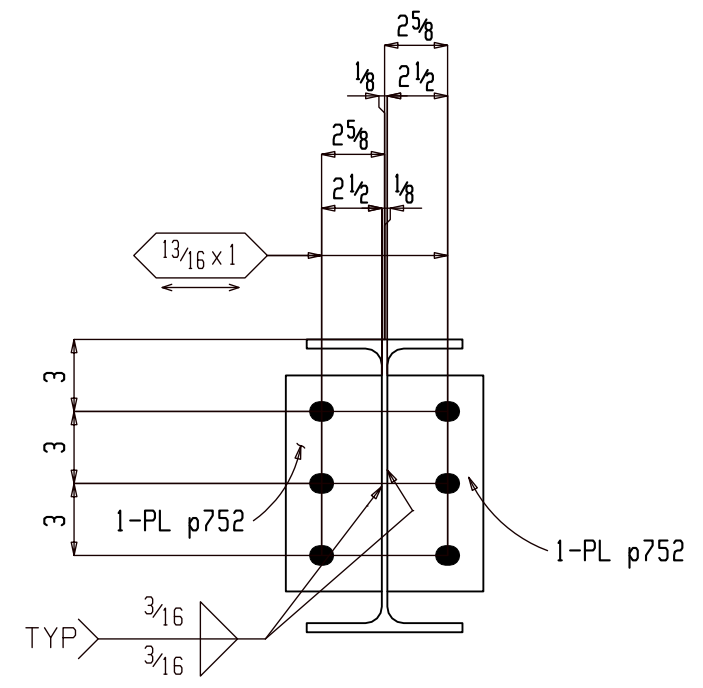
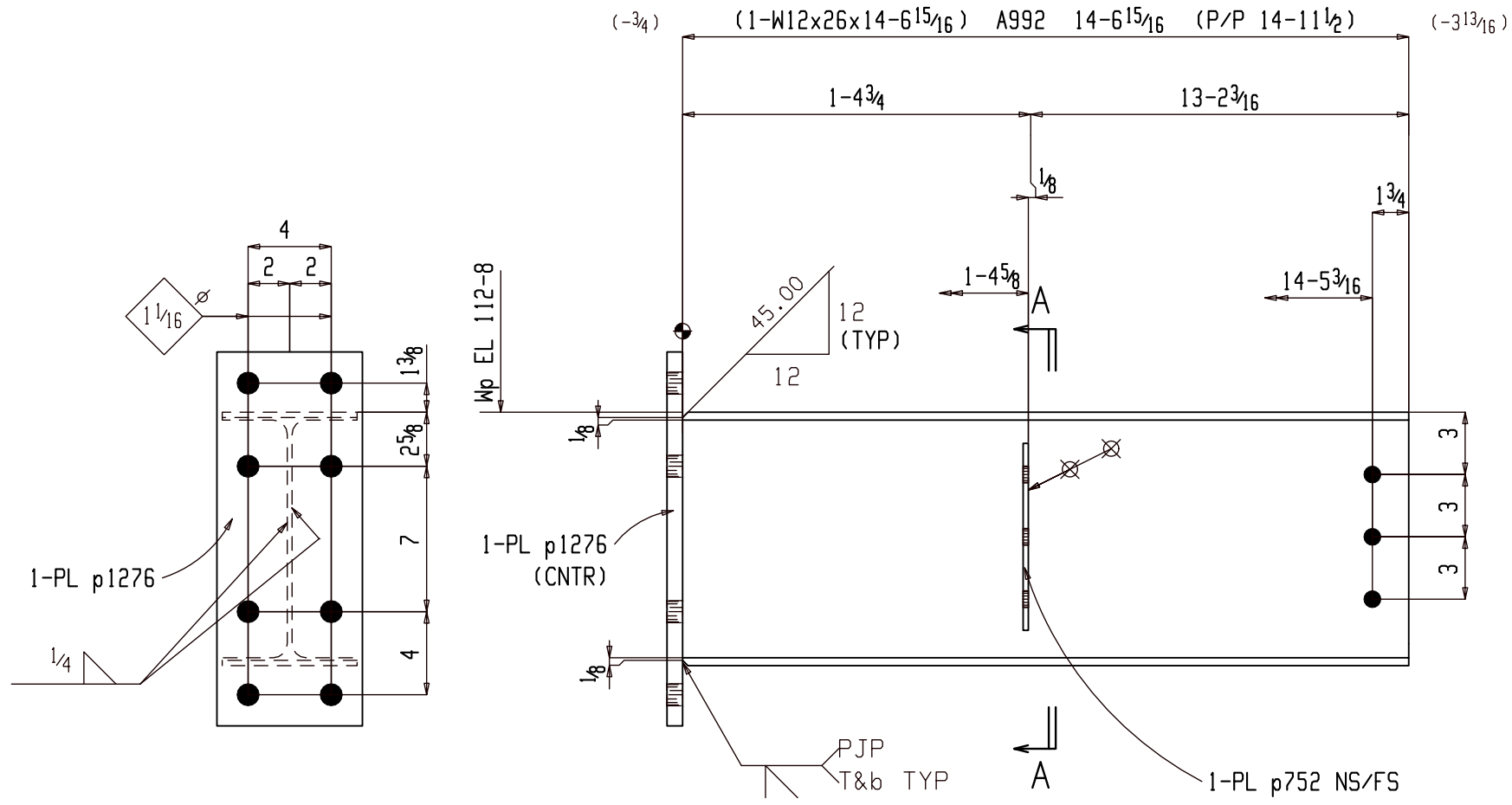
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	06B614		BEAM					411	411
1		06B614	W12x26	A992		14-6 <sup>15</sup> / <sub>16</sub>	379	379	
1		p1276	PL <sup>3</sup> / <sub>4</sub> x7	A572-50		1-6	27	27	
2		p752	PL <sup>1</sup> / <sub>4</sub> x4	A36		9	3	5	
FIELD BOLTS									
3			<sup>3</sup> / <sub>4</sub> Dia A325N		+1HD	1 <sup>1</sup> / <sub>2</sub>			
					WASH				



Section A-A  
06B614

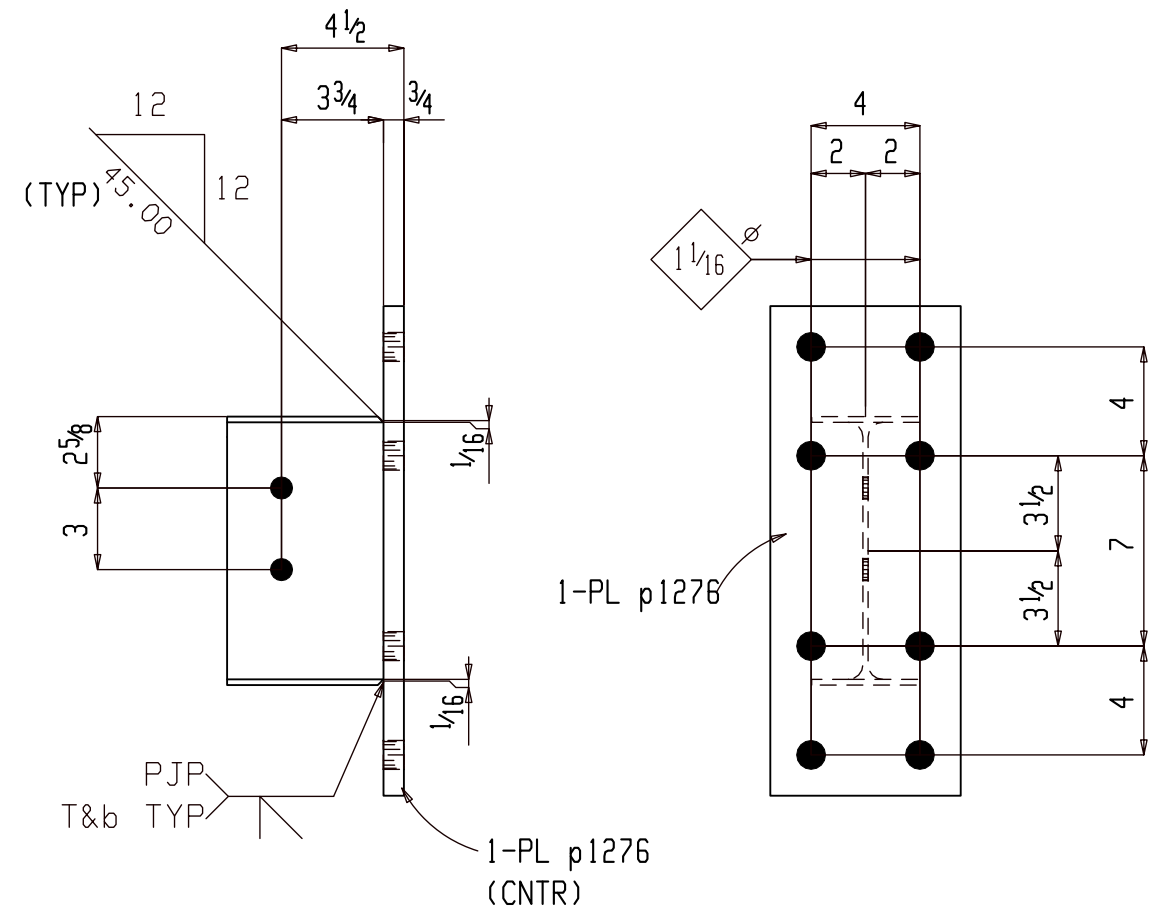
ONE BEAM 06B614

W	12 <sup>3</sup> / <sub>16</sub> x <sup>1</sup> / <sub>4</sub>
F	6 <sup>1</sup> / <sub>2</sub> x <sup>3</sup> / <sub>8</sub>
K	1 <sup>1</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>

(E REFER: E601)

1SC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE
GENERAL ARRANGEMENT			PROJECT NO
DETAILER	AKM	JOB NAME	2210
DATE	04-04-22		
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22		GREAT FALLS, MONTANA
			DWG NO
			06B614



ONE BEAM 06B615

(E REFER: E601)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B615		BEAM				33	33
1		06B615	W10x12	A992		$5\frac{3}{4}$	6	6
1		p1276	PL $3\frac{3}{4}$ x7	A572-50		1-6	27	27
FIELD BOLTS								
2			$\frac{3}{4}$ Dia A325N		+1HD	$1\frac{1}{2}$		
					WASH			

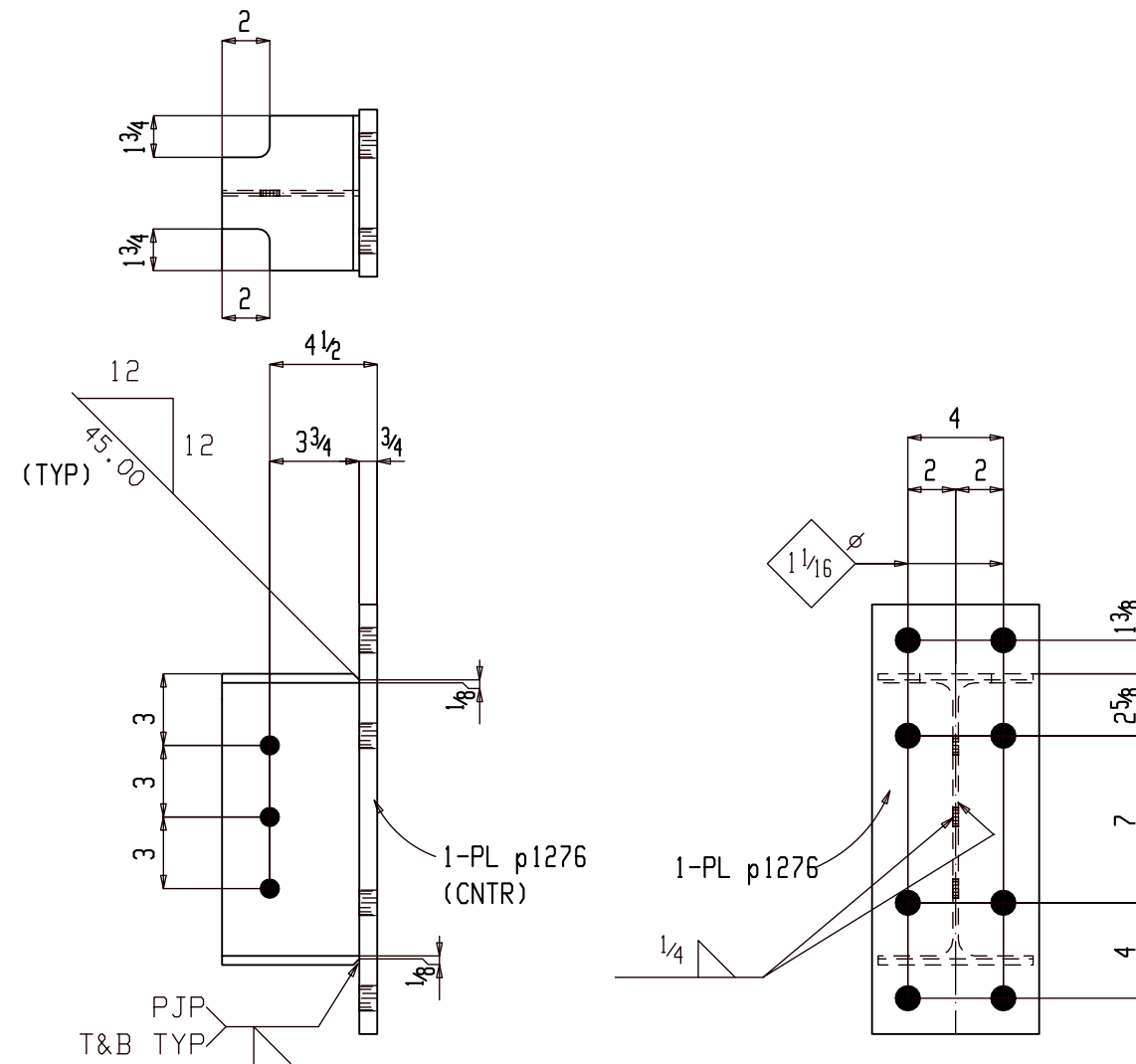
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	$1\frac{3}{16}$ DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			



ONE BEAM 06B616

(E REFER: E601)

1SC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06B616		BEAM				39	39
1		06B616	W12x26	A992		5 3/4	12	12
1		p1276	PL 3/4x7	A572-50		1-6	27	27
			FIELD BOLTS					
3			3/4 Dia A325N		+1HD	1 1/2		
					WASH			

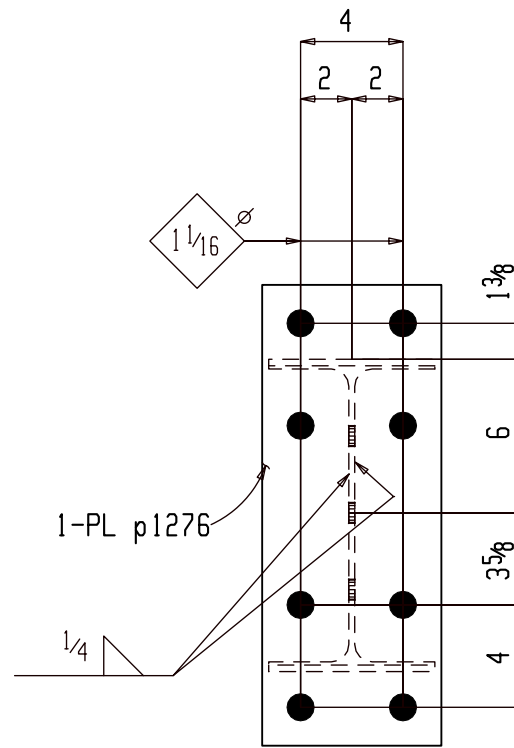
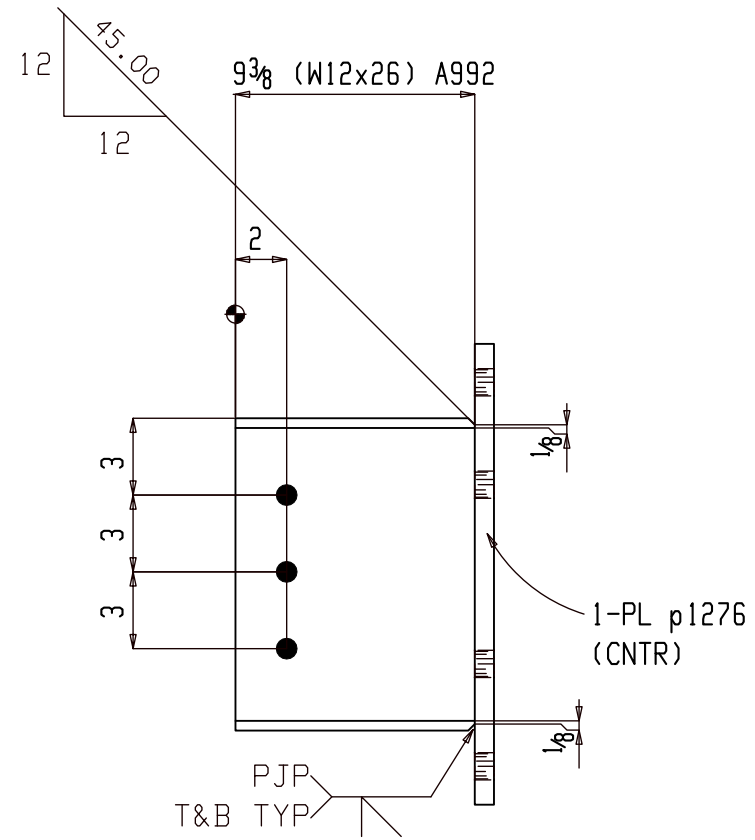
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	1 3/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval 05-06-22
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
APPROVED		JOB LOCATION		DWG NO	
				06B616	



2 MISCS 06B617

(E REFER: E601)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	06B617		MISC				47	94
2		06B617	W12x26	A992		9 <sup>3</sup> / <sub>8</sub>	20	41
2		p1276	PL <sup>3</sup> / <sub>4</sub> x7	A572-50		1-6	27	54
FIELD BOLTS								
6			3/4 Dia A325N		+1HD WASH	1 <sup>1</sup> / <sub>2</sub>		

### FOR APPROVAL

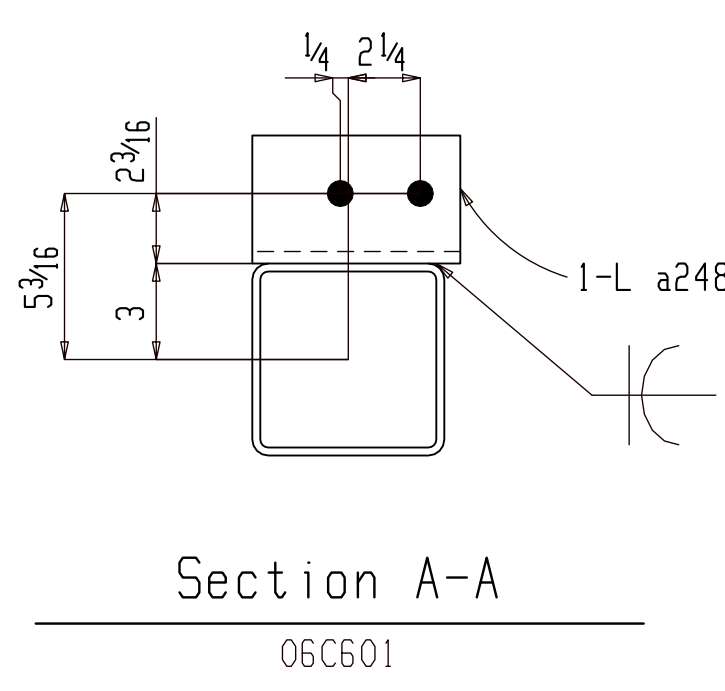
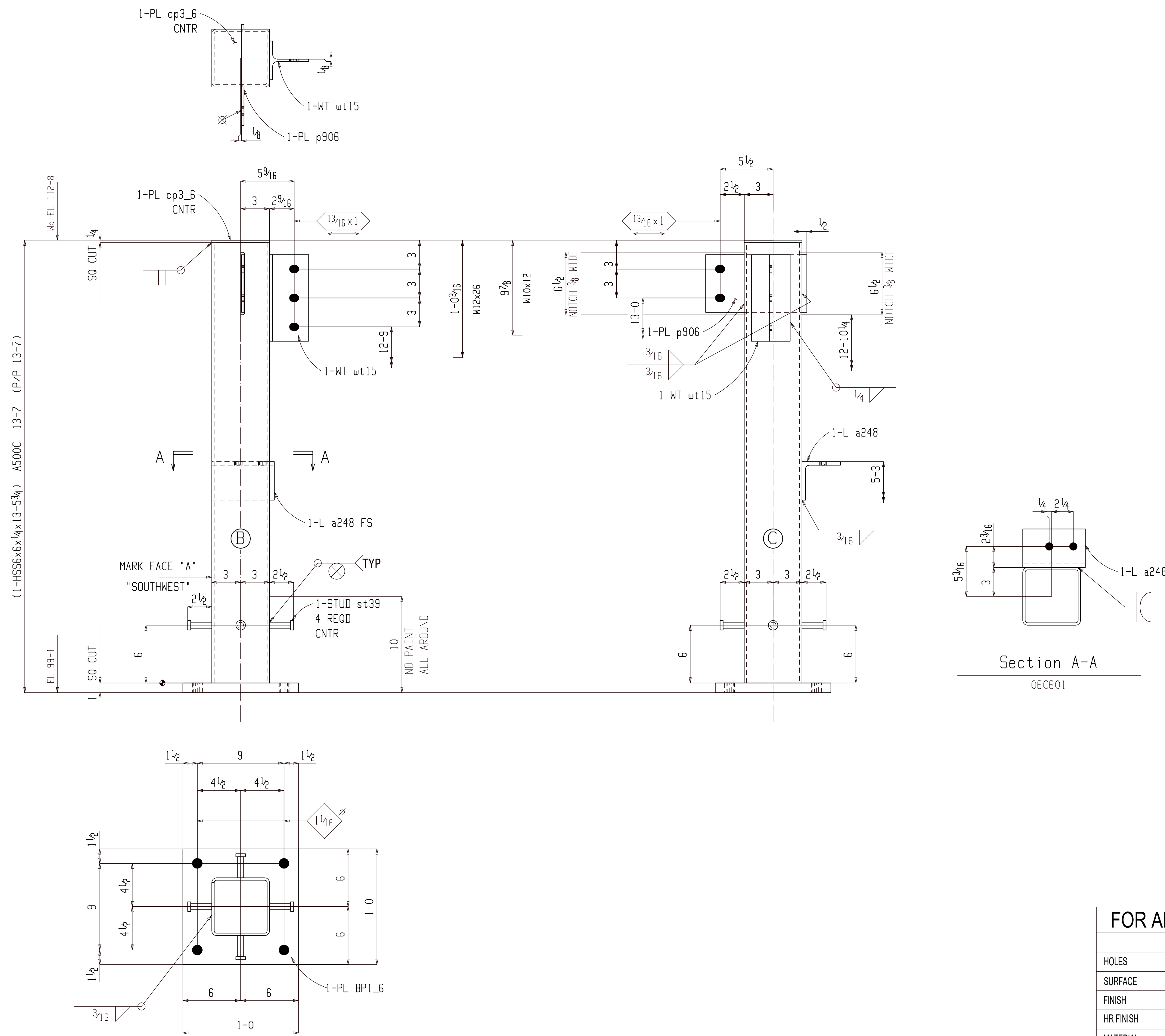
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3</sup> / <sub>16</sub> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A REV	For Approval DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
GENERAL ARRANGEMENT			DWG NO	06B617	

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	06C601		COLUMN					316	316
1		06C601	HSS6x6x1/4	A500C	S2E	13-5 <sup>3</sup> / <sub>4</sub>	256	256	
1		wt15	WT4x7.5	A992		9	6	6	
4		st39	WS <sup>5</sup> / <sub>8</sub>	A108		2 <sup>1</sup> / <sub>2</sub>	0	1	
1		BP1 6	PL1x12	A36		1-0	41	41	
1		p906	PL <sup>1</sup> / <sub>4</sub> x6	A36		10 <sup>1</sup> / <sub>2</sub>	4	4	
1		cp3 6	PL <sup>1</sup> / <sub>4</sub> x6	A36		6	3	3	
1		a248	L4x4x <sup>3</sup> / <sub>8</sub>	A36		6 <sup>1</sup> / <sub>2</sub>	5	5	



**ONE COLUMN 06C601**

AT GRID: y-1 & x-1

(E REFER: E601)

ISC PRIMER

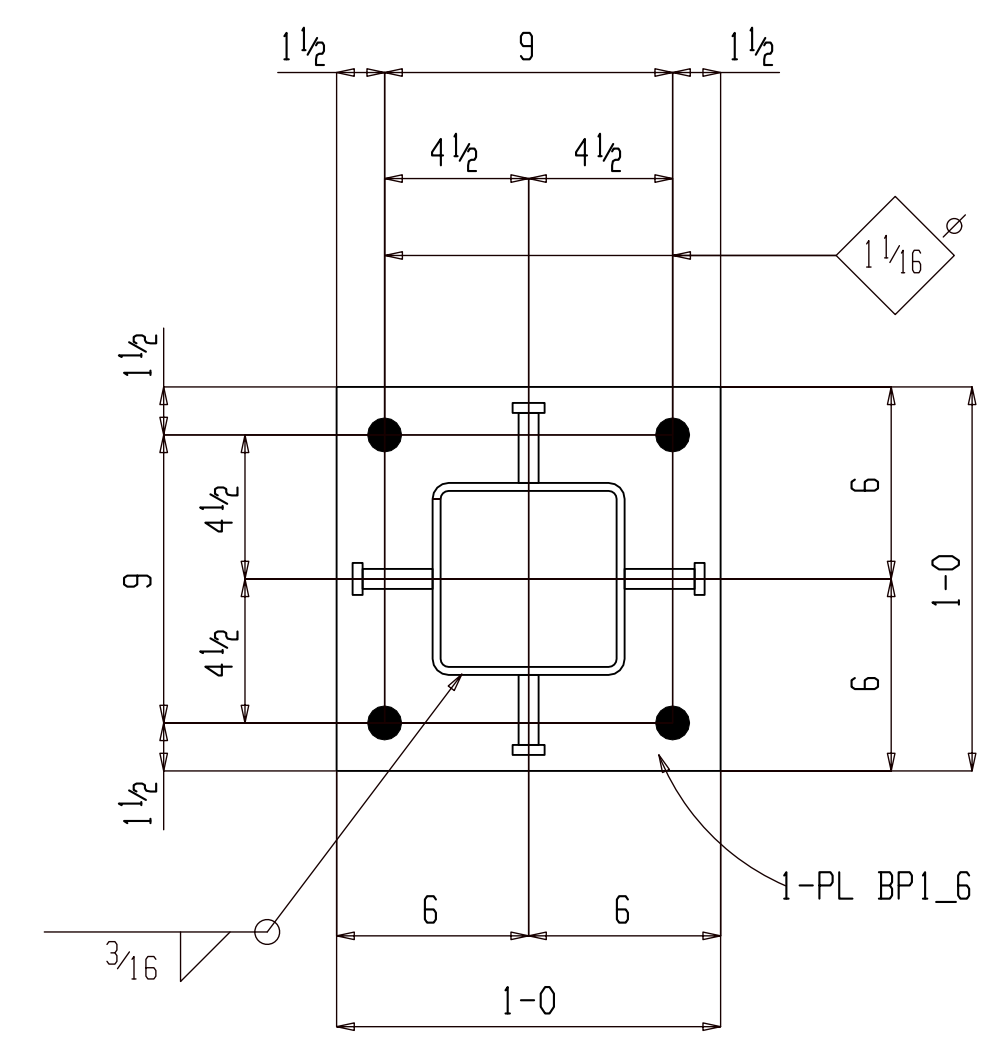
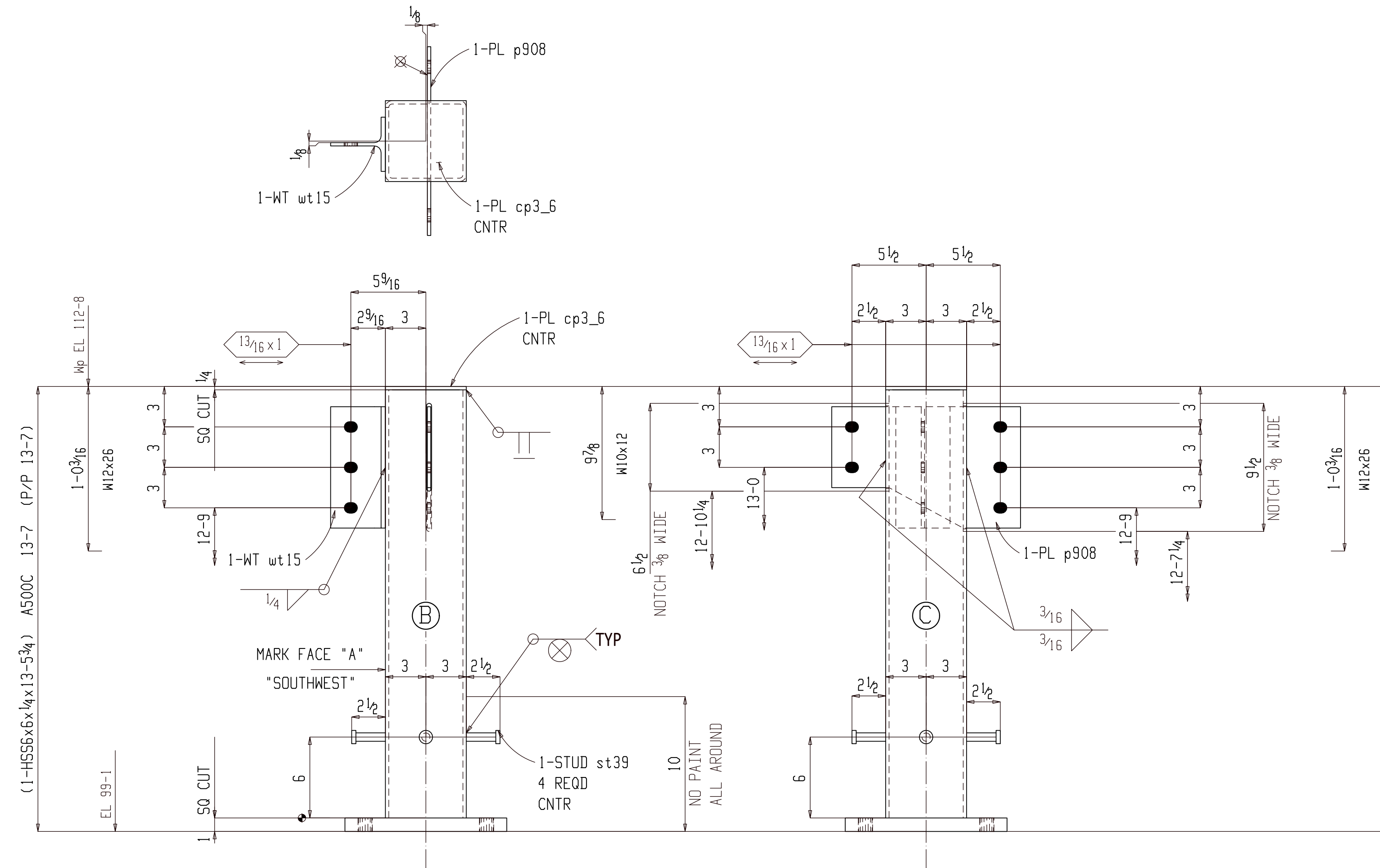
FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16 Ø DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE

GENERAL ARRANGEMENT				PROJECT NO	REV
DRAWN	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	06C601
CHECKER	ALN				
APPROVED	04-04-22				



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06C602		COLUMN				315	315
1		06C602	HSS6x6x1/4	A500C	S2E	13-5 3/4	256	256
1		wt15	WT4x7.5	A992		9	6	6
4		st39	WS5/8	A108		2 1/2	0	1
1		BP1 6	PL1x12	A36		1-0	41	41
1		p908	PL1/4x9	A36		1-2	9	9
1		cp3 6	PL1/4x6	A36		6	3	3



ONE COLUMN 06C602

AT GRID: (E REFER: E601)  
y-3 & x-1  
1SC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

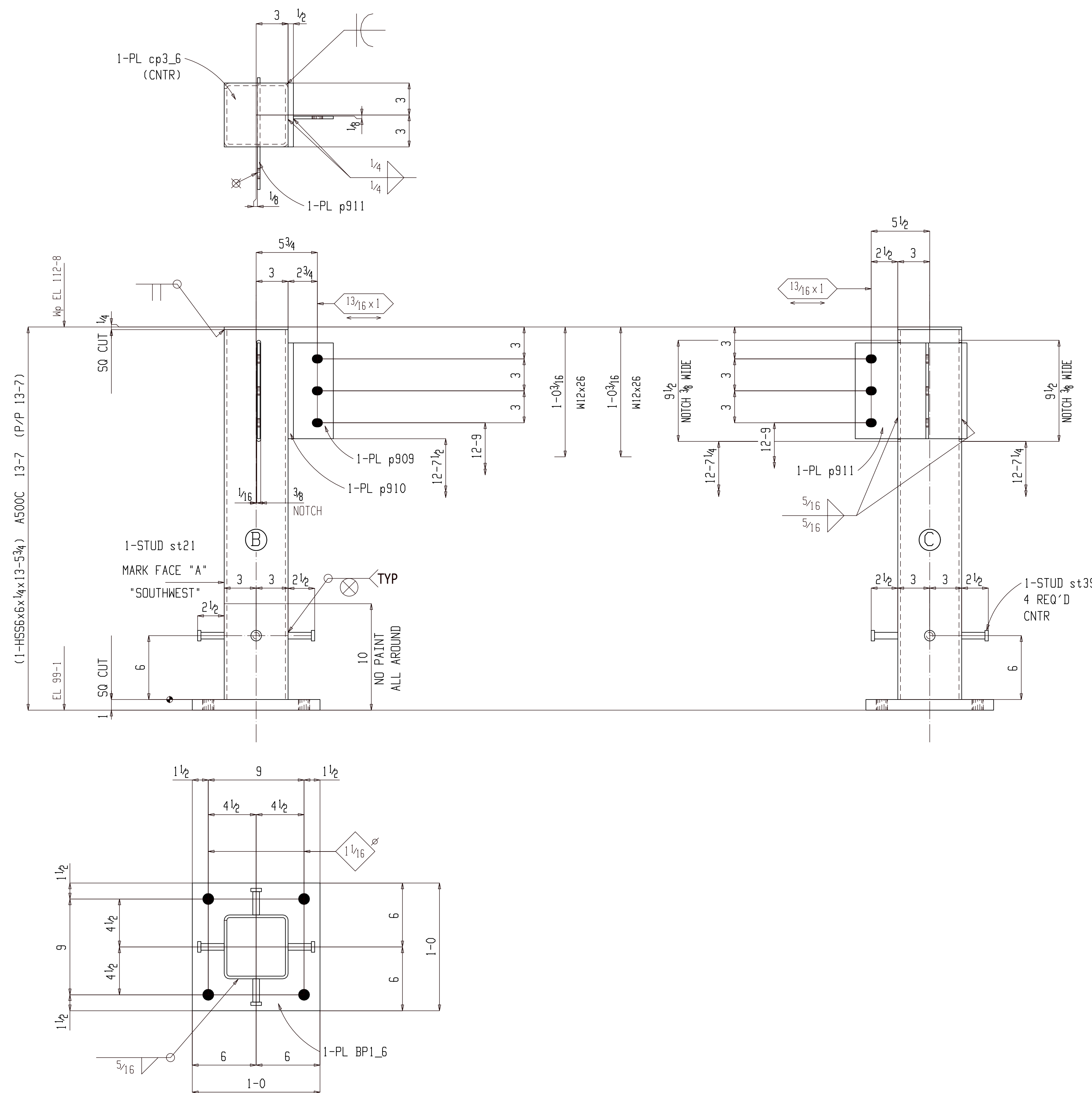
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWN	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	06C602

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06C603		COLUMN				318	318
1		06C603	HSS6x6x1/4	A500C	S2E	13-5 3/4	256	256
4		st39	WS5/8	A108		2 1/2	0	1
1		BP1_6	PL1x12	A36		1-0	41	41
1		p911	PL 1/4x9	A36		10 1/2	7	7
1		cp3_6	PL 1/4x6	A36		6	3	3
1		p909	PL 1/4x3 3/4	A36		9	2	2
1		p910	PL 1/2x6	A36		9	8	8



**ONE COLUMN 06C603**

AT GRID: (E REFER: E601)  
x-4 & y-3  
ISC PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

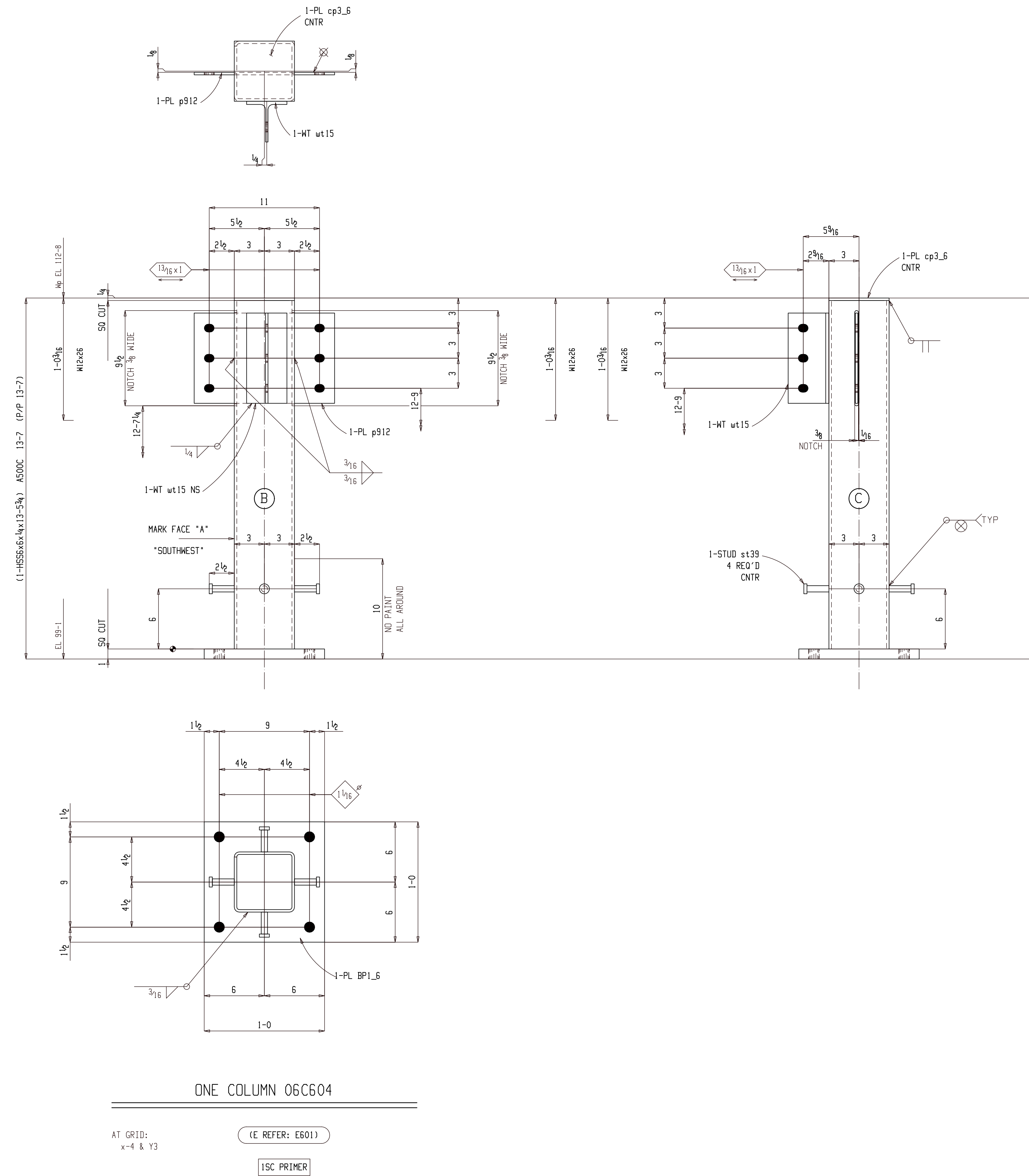
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWER	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	06C603

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	06C604		COLUMN					315	315
1		06C604	HSS6x6x1/4	A500C	S2E	13-5 <sup>3</sup> / <sub>4</sub>	256	256	
1		wt15	WT4x7.5	A992		9	6	6	
4		st39	WS <sup>5</sup> / <sub>8</sub>	A108		2 <sup>1</sup> / <sub>2</sub>	0	1	
1		BP1 6	PL1x12	A36		1-0	41	41	
1		p912	PL <sup>1</sup> / <sub>4</sub> x9	A36		1-2	9	9	
1		cp3 6	PL <sup>1</sup> / <sub>4</sub> x6	A36		6	3	3	



**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16Ø DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
		2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	DWG NO	06C604

ONE COLUMN 06C604

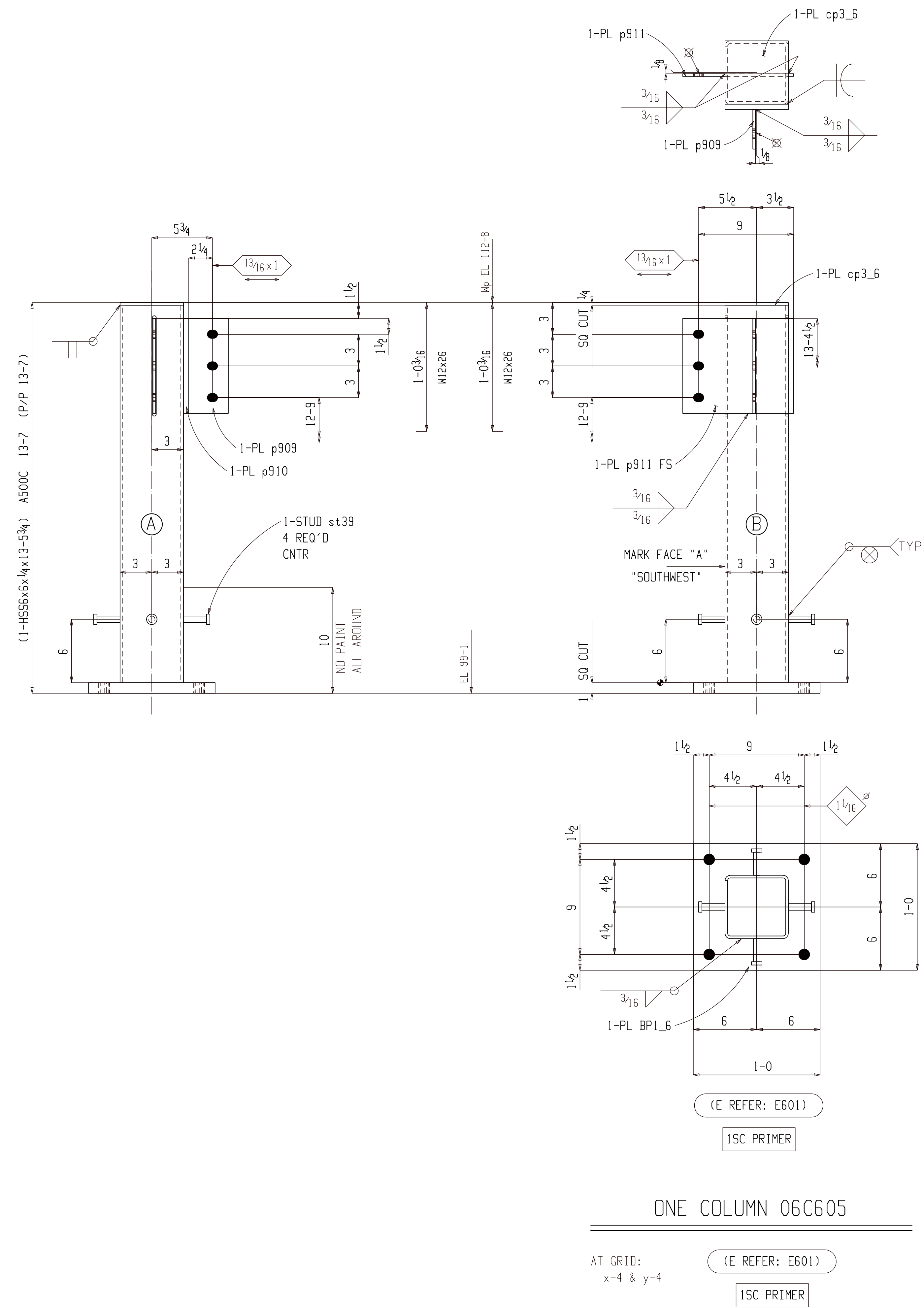
AT GRID:  
x-4 & Y3

(E REFER: E601)

15C PRIMER

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	06C605		COLUMN				318	318
1		06C605	HSS6x6x1/4	A500C	S2E	13-5 <sup>3</sup> / <sub>4</sub>	256	256
4		st39	WS <sup>5</sup> / <sub>8</sub>	A108		2 <sup>1</sup> / <sub>2</sub>	0	1
1		BP1_6	PL1x12	A36		1-0	41	41
1		p911	PL <sup>1</sup> / <sub>4</sub> x9	A36		10 <sup>1</sup> / <sub>2</sub>	7	7
1		cp3_6	PL <sup>1</sup> / <sub>4</sub> x6	A36		6	3	3
1		p909	PL <sup>1</sup> / <sub>4</sub> x3 <sup>3</sup> / <sub>4</sub>	A36		9	2	2
1		p910	PL <sup>1</sup> / <sub>2</sub> x6	A36		9	8	8



ONE COLUMN 06C605

AT GRID:  
x-4 & y-4

(E REFER: E601)

15C PRIMER

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV DESCRIPTION	DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 06C605	





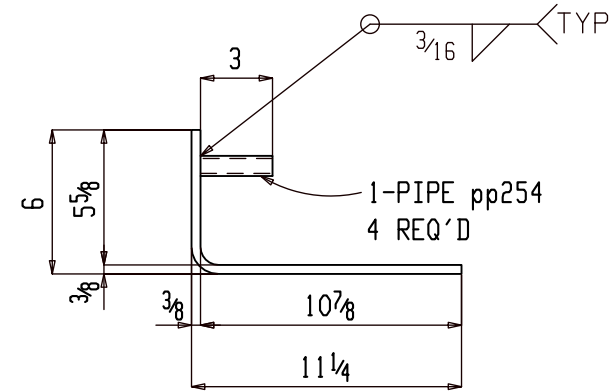
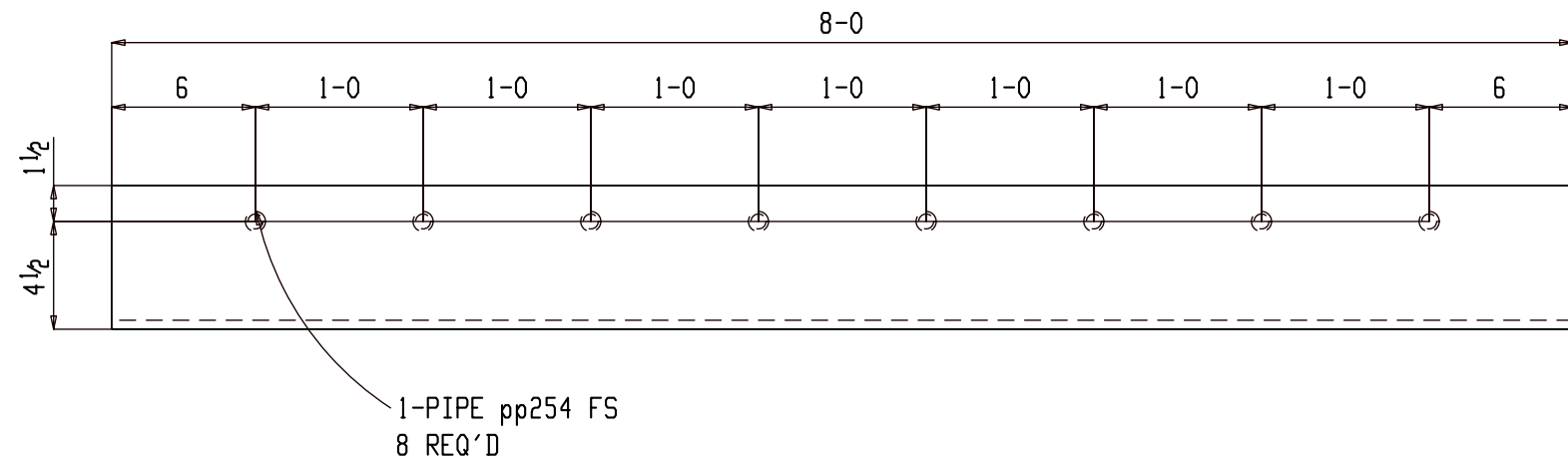








BILL OF MATERIAL								
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	06M606		BENT PLATE				170	340
2		06M606	PL <sup>3/8</sup> x16 <sup>1/2</sup>	A36	BENT	8-0	168	337
16		pp254	PIPE 1/2 STD	A53B		3	0	3



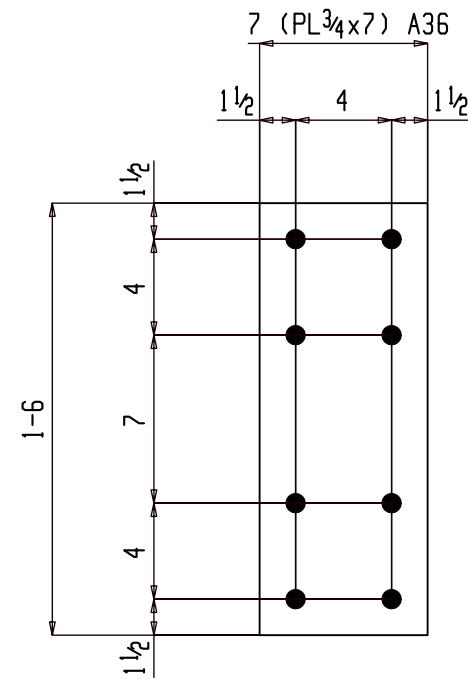
2 BENT PLATES 06M606

(E REFER: E601)  
(S REFER : 10/S6.4)

1SC PRIMER

ONE QTY 06M605 DELETED  
AND CLUBED WITH 06M606

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE			
HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE
GENERAL ARRANGEMENT			PROJECT NO
DETAILER	AKM	JOB NAME	2210
DATE	04-04-22		
CHECKER	ALN	JOB LOCATION	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22		GREAT FALLS, MONTANA
			DWG NO 06M606



4 FABREEKA THERMAL PLATES 06M607

(E REFER: E601)

ONE QTY 06M608 DELETED  
AND CLUBED WITH 06M607

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
4	06M607		FABREEKA THERMAL PLATE				27	107
4		06M607	PL 3/4x7 FABREEKA BUSHING	A36		1-6	27	107
			FIELD BOLTS					
32			3/4 Dia A325N	A325N			4	
16			3/4 DIA NUT	A563				
64			3/4 DIA FABREEKA TIM. WASHER					
128			3/4 DIA WASHER	USS GRADE 8				

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)			
SURFACE	SP2			
FINISH				
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD	AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-06-22
		REV	DESCRIPTION	DATE

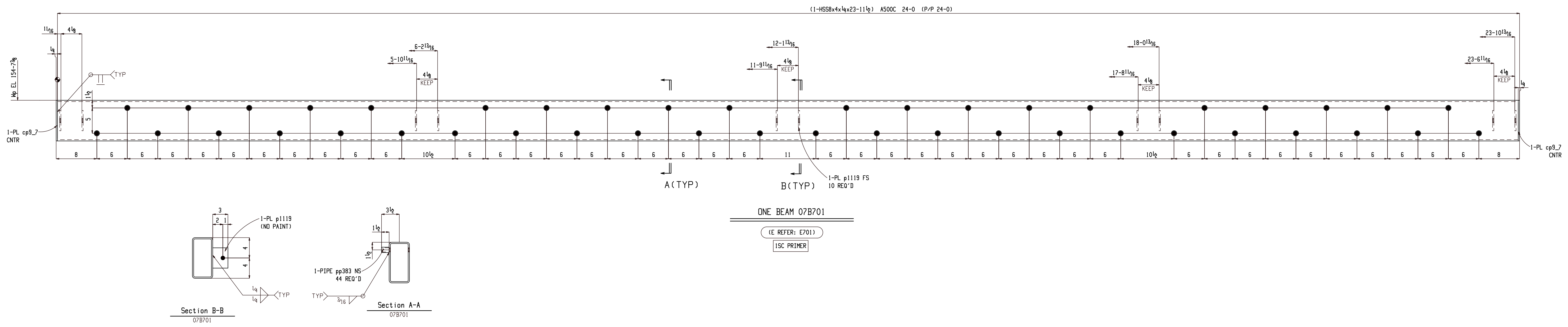


GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	△
DATE	04-04-22	CHECKER	ALN		
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	06M607



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	07B701		BEAM				475	475
1		07B701	HSS8x4x1/4	A500C		23-11 1/2	456	456
2		cp9.7	PL 1/4x4	A36		8	2	5
10		p1119	PL 1/4x3	A36		4	1	9
44		pp383	PIPE 3/4 STD	A53B		1 1/2	0	6
			FIELD BOLTS					
44			3/4 Dia A325N		+1RPL WASH	10 1/2		

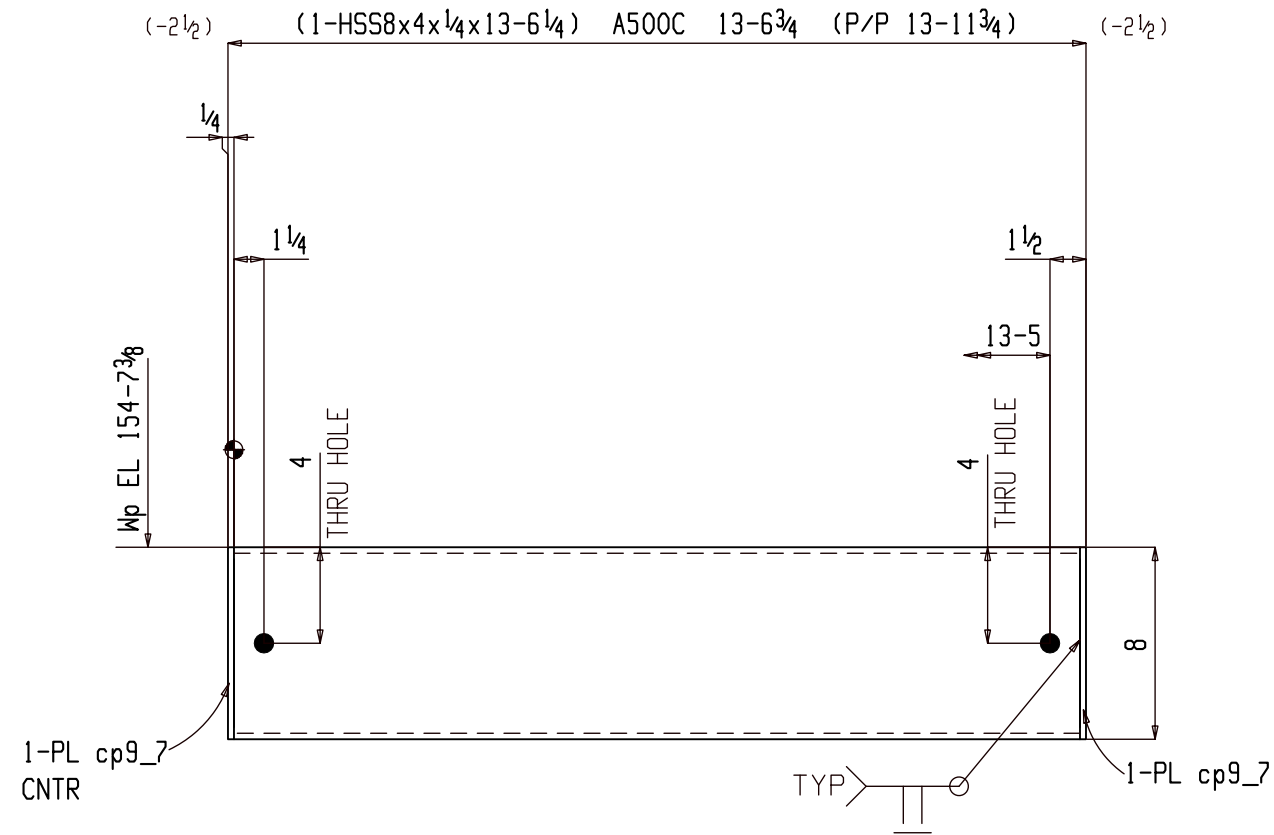


**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	15C PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval REV DESCRIPTION	05-06-22 DATE

GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	△
CHECKER	ALN	JOB NAME MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	JOB LOCATION GREAT FALLS, MONTANA	
		DWG NO 07B701	



5 BEAMS 07B702

(E REFER: E701)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
5	07B702		BEAM				262	1309
5		07B702	HSS8x4x1/4	A500C		13-6 1/4	257	1286
10		cp9_7	PL 1/4x4	A36		8	2	23
FIELD BOLTS								
10			3/4 Dia A307		+1HD WASH	6		

### FOR APPROVAL

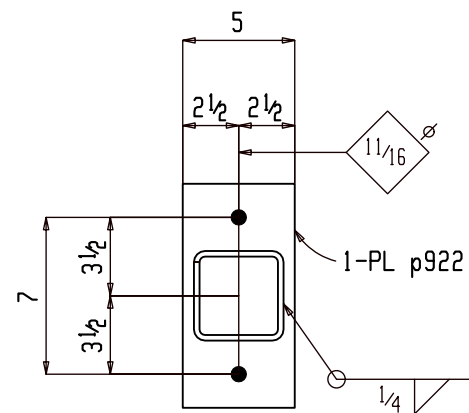
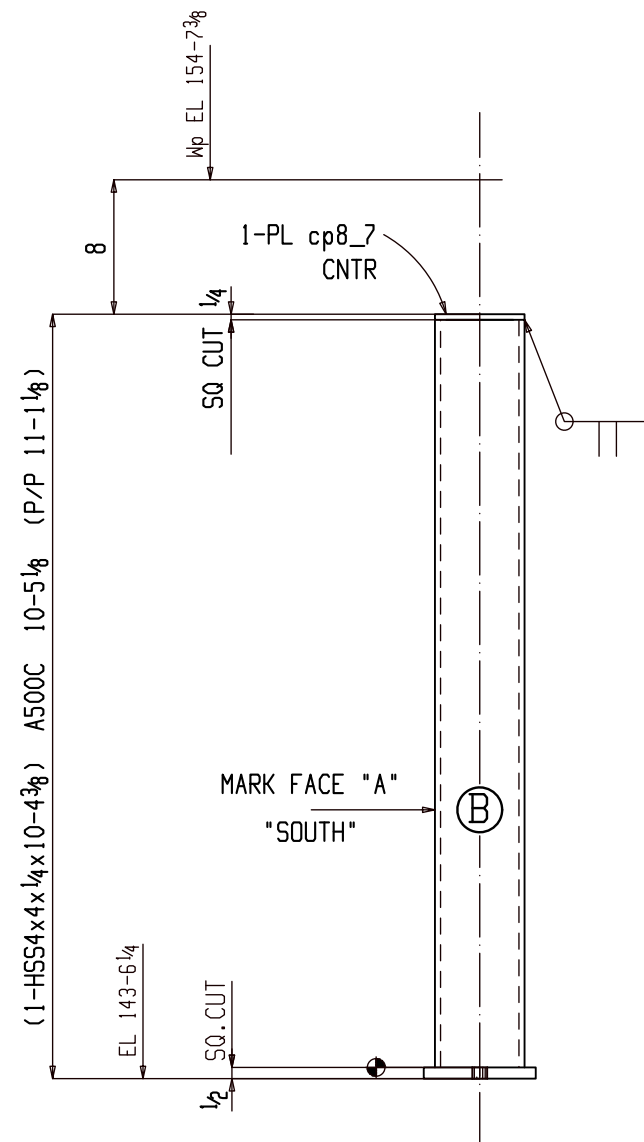
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
CHECKER	ALN	GREAT FALLS, MONTANA			
APPROVED	04-04-22				





ONE COLUMN 07C701

(E REFER: E701)

AT GRID:  
B2 & 2

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	07C701		COLUMN				135	135
1		07C701	HSS4x4x1/4	A500C	S2E	10-4 3/8	127	127
1		cp8_7	PL 1/4x4	A36		4	1	1
1		p922	PL 1/2x5	A36		10	7	7
			FIELD BOLTS					
2			5/8" Dia LAG SCREW		(5" EMBED)			

### FOR APPROVAL

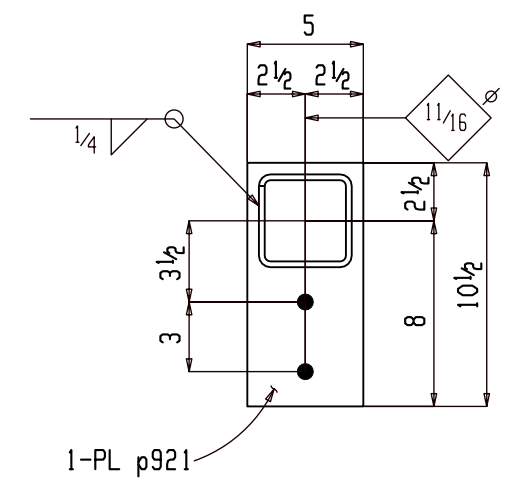
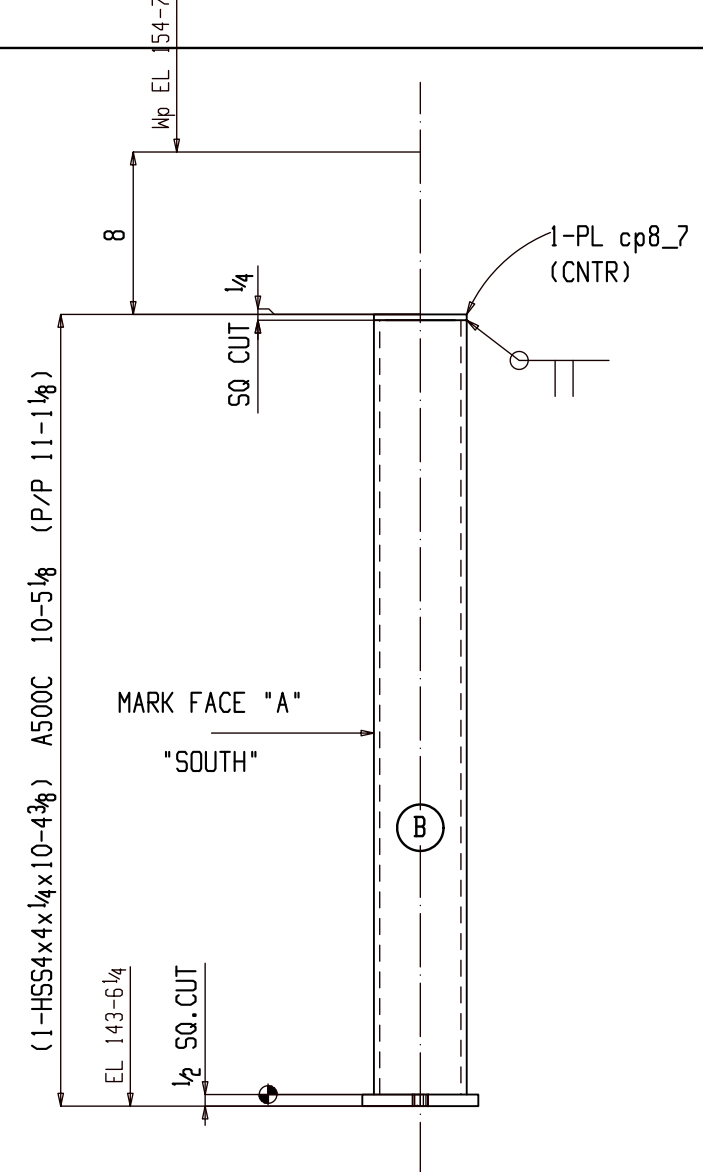
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER	ALN		
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	07C701





ONE COLUMN 07C702

AT GRID: X1 & 2 (E REFER: E701)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	07C702		COLUMN				135	135
1		07C702	HSS4x4x1/4	A500C	S2E	10-4 3/8	127	127
1		cp8_7	PL 1/4x4	A36		4	1	1
1		p921	PL 1/2x5	A36		10 1/2	7	7
			FIELD BOLTS					
2			5/8" Dia LAG SCREW		(5" EMBED)			

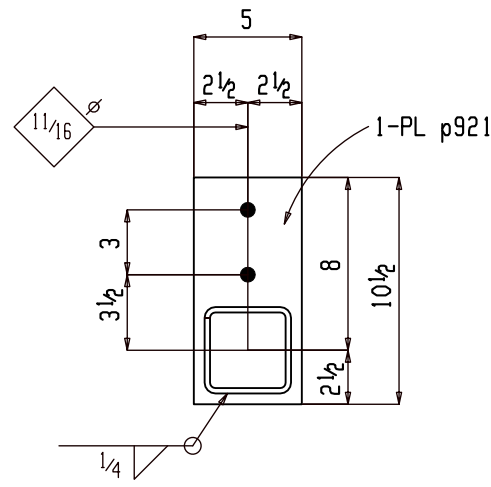
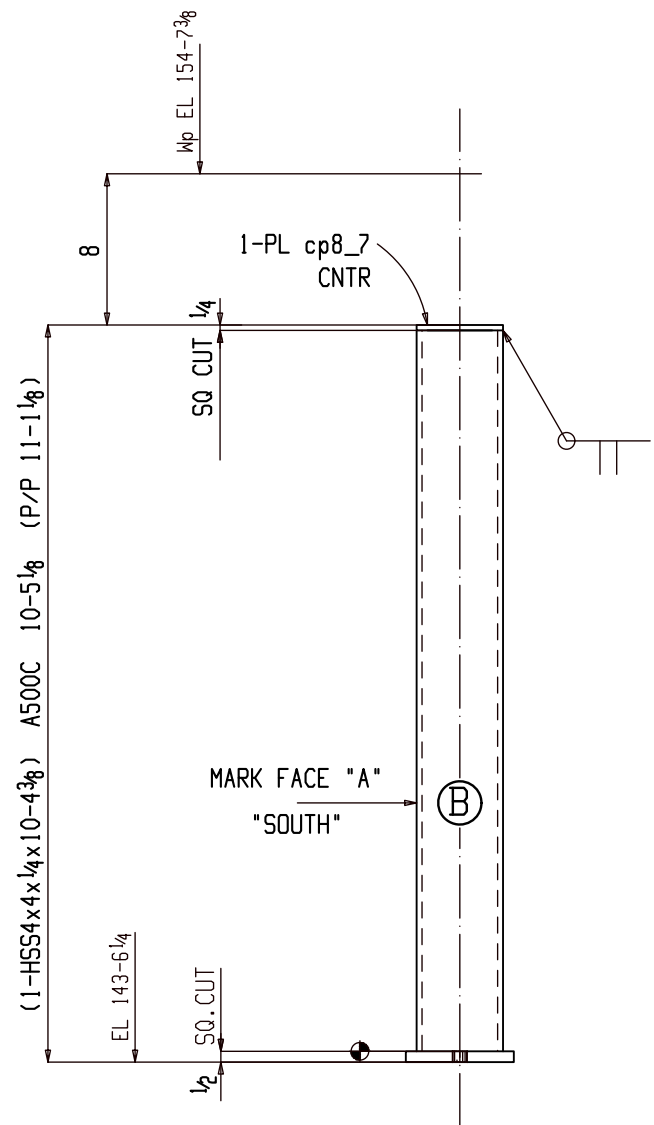
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER	ALN		
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				



ONE COLUMN 07C703

AT GRID:  
C & 2

(E REFER: E701)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	07C703		COLUMN				135	135
1		07C703	HSS4x4x1/4	A500C	S2E	10-4 3/8	127	127
1		cp8_7	PL 1/4x4	A36		4	1	1
1		p921	PL 1/2x5	A36		10 1/2	7	7
FIELD BOLTS								
2			5/8" Dia LAG SCREW		(5" EMBED)			

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

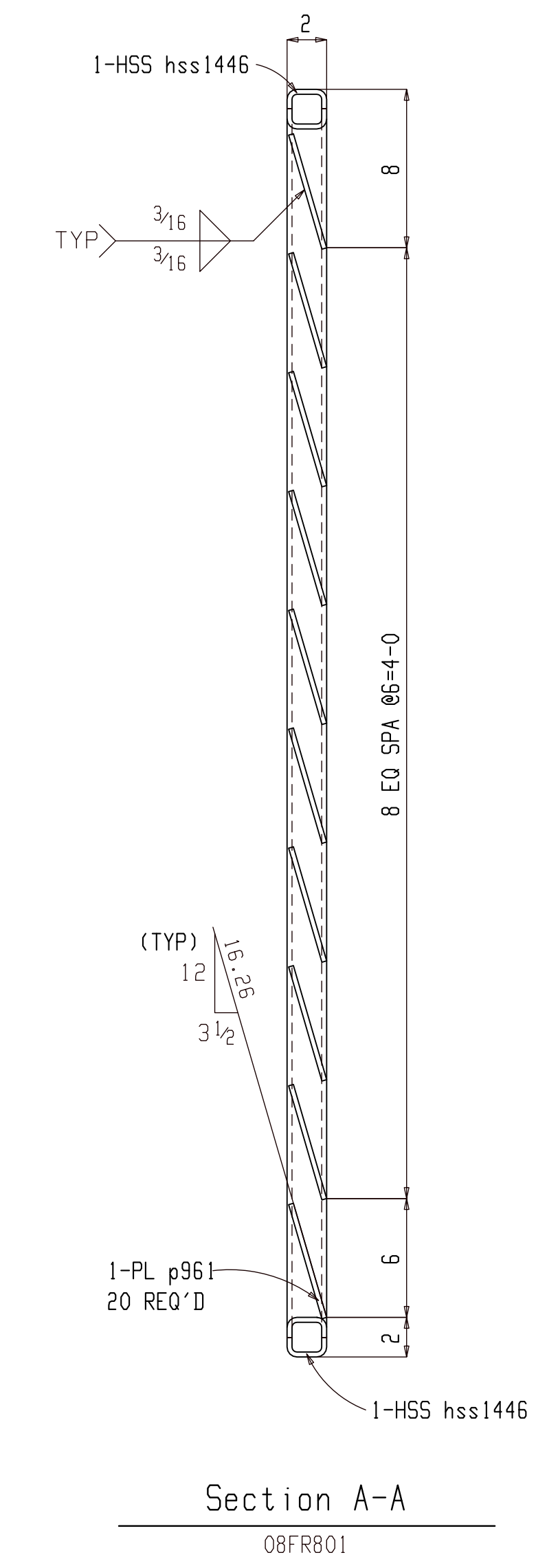
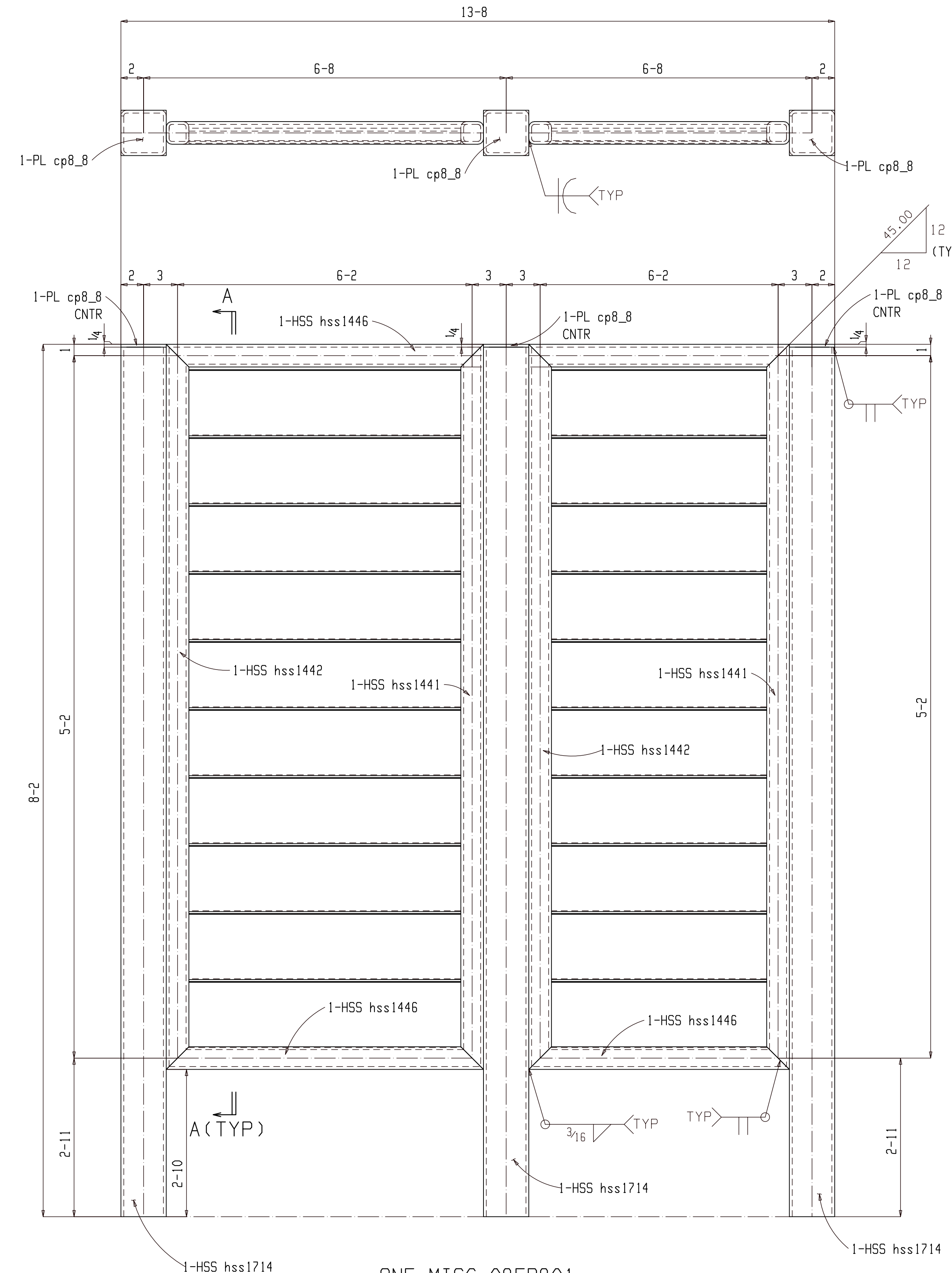
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	08FR801		MISC		Galv		1167	1167
1		08FR801	HSS2x2x1/4	A500C		6-4	34	34
20		p961	PL1/4x6	A36		6-0	31	613
3		cp8_8	PL1/4x4	A36		4	1	3
3		hss1714	HSS4x4x1/4	A500C		8-13/4	99	298
3		hss1446	HSS2x2x1/4	A500C		6-4	34	103
2		hss1442	HSS2x2x1/4	A500C		5-4	29	58
2		hss1441	HSS2x2x1/4	A500C		5-4	29	58



ONE MISC 08FR801

(E REFER: E801)  
(S REFER : 6/AS1.1)

GALVANIZED

PLEASE CONFIRM COMPLETE ASSEMBLY OF SCREENED ENCLOSURE AS NOT MUCH INFORMATION IS AVAILABLE IN CONTRACT DWG.S

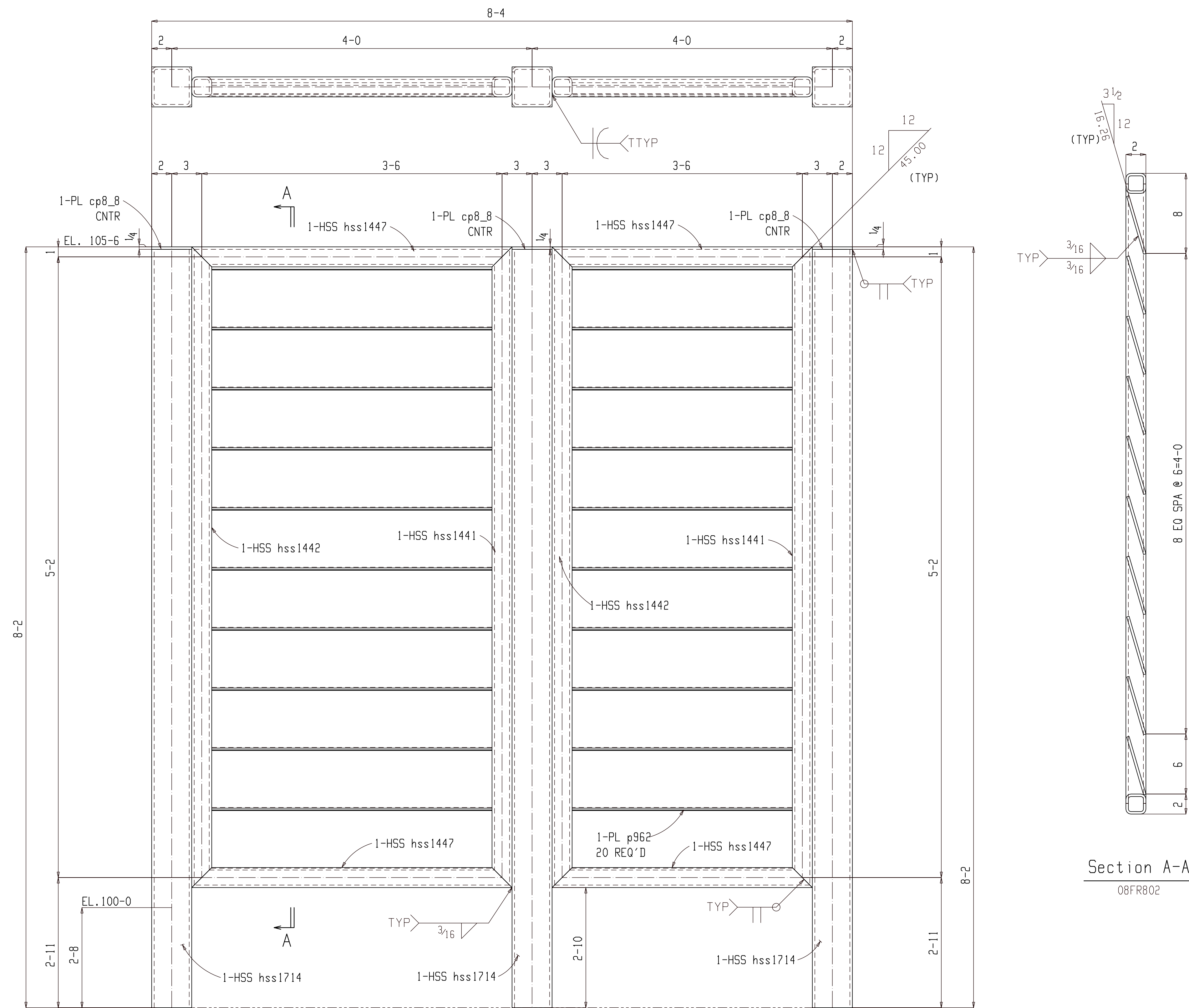
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
REV	DESCRIPTION		DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWN	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	ENGINEER	08FR801



ONE FRAME 08FR802

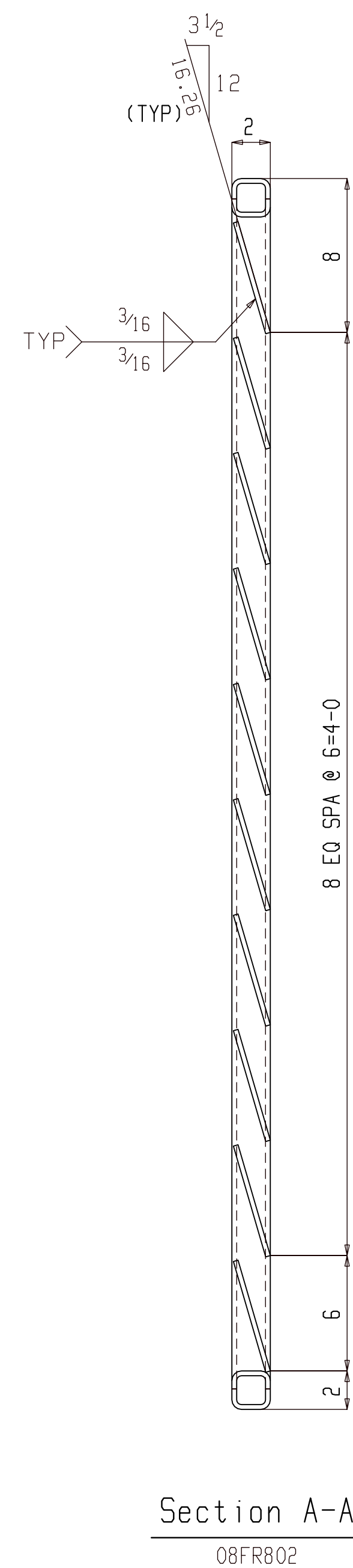
(E REFER: E801)  
(S REFER : 6/AS1.1)

GALVANIZED

PLEASE CONFIRM COMPLETE  
ASSEMBLY OF SCREENED  
ENCLOSURE AS NOT MUCH  
INFORMATION IS AVAILABLE  
IN CONTRACT DWG.S

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	08FR802		FRAME		Galv		837	837
1		08FR802	HSS2x2x1/4	A500C		3-8	20	20
20		p962	PL1/4x6	A36		3-4	17	340
3		cp8.8	PL1/4x4	A36		4	1	3
3		hss1714	HSS4x4x1/4	A500C		8-13/4	99	298
3		hss1447	HSS2x2x1/4	A500C		3-8	20	60
2		hss1442	HSS2x2x1/4	A500C		5-4	29	58
2		hss1441	HSS2x2x1/4	A500C		5-4	29	58



FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

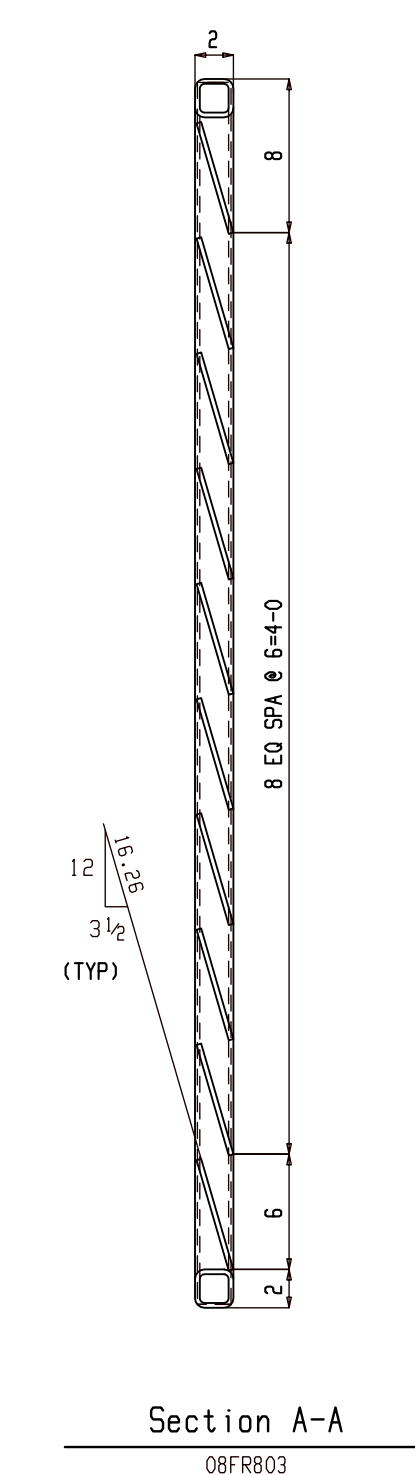
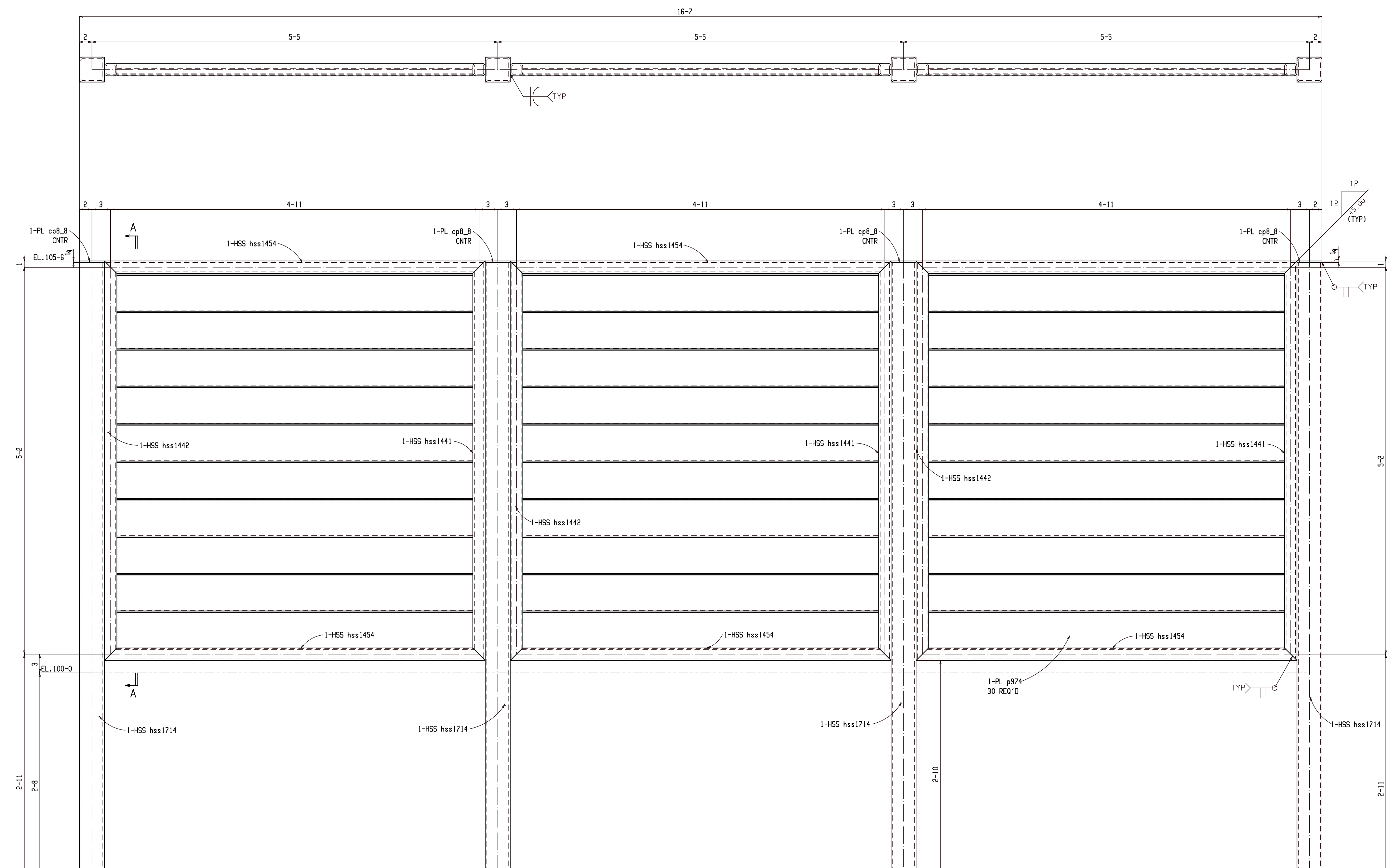
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DRAWN	AKM	JOB NAME	2210	△
DATE	04-04-22	MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		
APPROVED	04-04-22	GREAT FALLS, MONTANA		
			DWG NO	
			08FR802	

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	08FR803		FRAME		Galv			1468	1468
1		08FR803	HSS2x2x1/4	A500C		5-1	28	28	
30		p974	PL1/4x6	A36		4-9	24	727	
4		cp8_8	PL1/4x4	A36		4	1	5	
4		hss1714	HSS4x4x1/4	A500C		8-13/4	99	398	
5		hss1454	HSS2x2x1/4	A500C		5-1	28	138	
3		hss1442	HSS2x2x1/4	A500C		5-4	29	87	
3		hss1441	HSS2x2x1/4	A500C		5-4	29	87	



**ONE FRAME 08FR803**

(E REFER: E801)  
(S REFER: 6/AS1.1)  
GALVANIZED

PLEASE CONFIRM COMPLETE ASSEMBLY OF SCREENED ENCLOSURE AS NOT MUCH INFORMATION IS AVAILABLE IN CONTRACT DWG.S

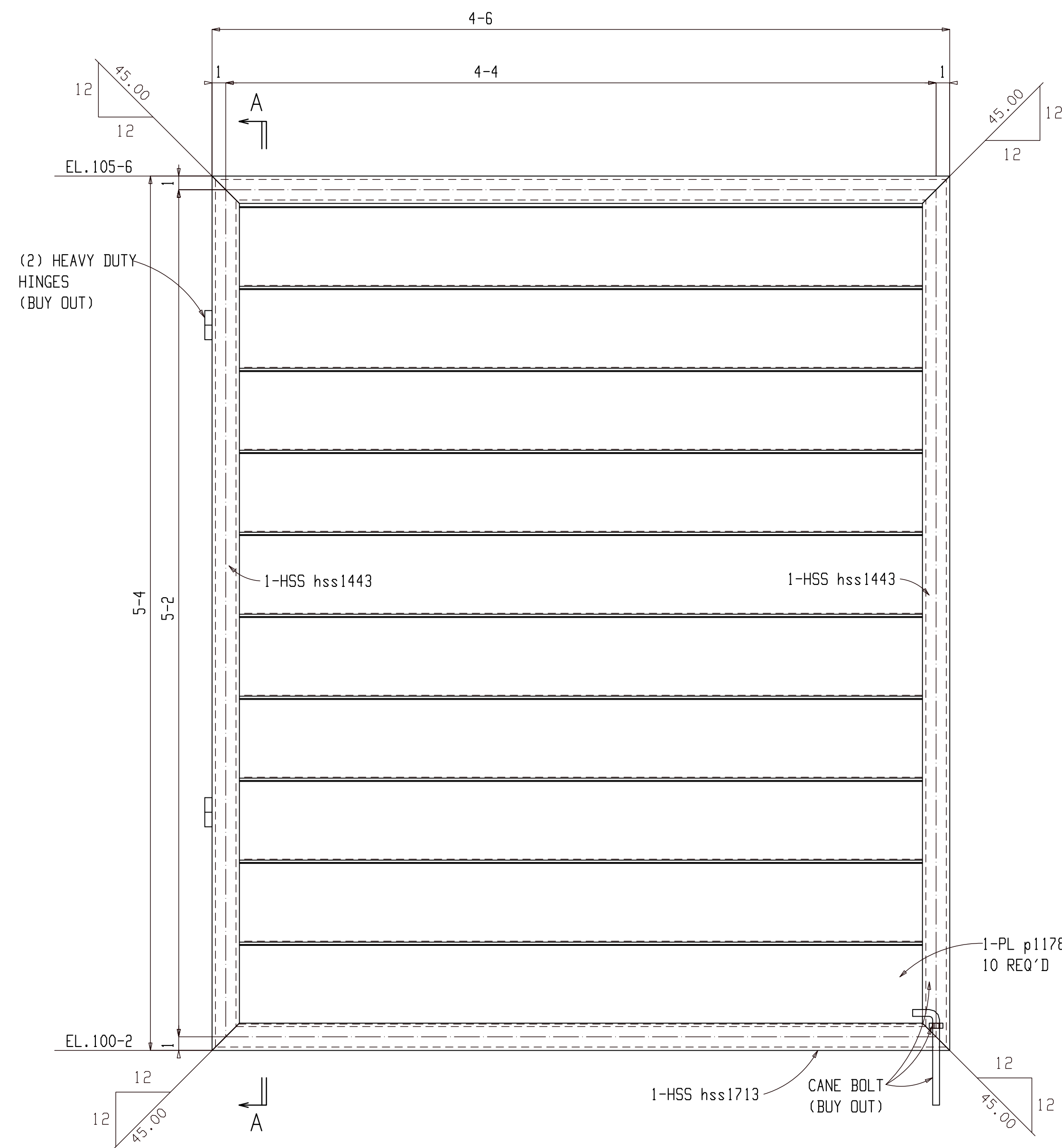
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		ENGINEER	08FR803

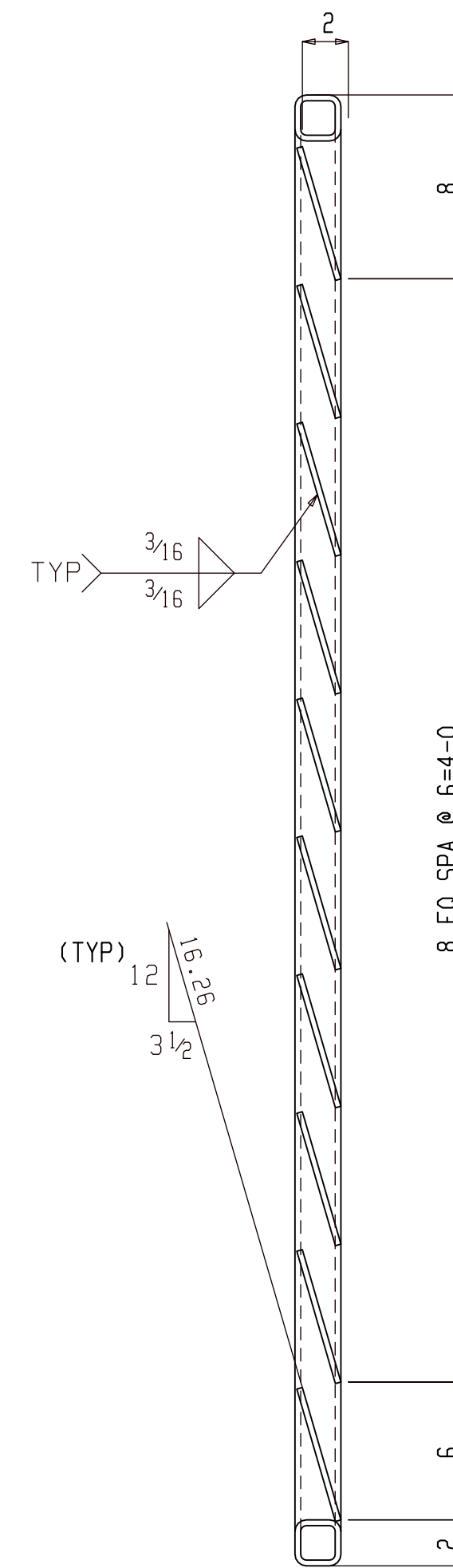


ONE FRAME 08FR804

(E REFER: E802)  
(S REFER : 1/AS1.1)

GALVANIZED

PLEASE CONFIRM COMPLETE  
ASSEMBLY OF DUMPSTER  
ENCLOSURE AS NOT MUCH  
INFORMATION IS AVAILABLE  
IN CONTRACT DWG.S



Section A-A

08FR804

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	08FR804		FRAME		Galv			319	319
1		08FR804	HSS2x2x1/4	A500C		4-6	24	24	
10		p1178	PL1/4x6	A36		4-2	21	213	
1		hss1713	HSS2x2x1/4	A500C		4-6	24	24	
2		hss1443	HSS2x2x1/4	A500C		5-4	29	58	
1			CANE BOLT		(BUY OUT )				
2			HEAVY DUTY HINGES		(BUY OUT )				

FOR APPROVAL

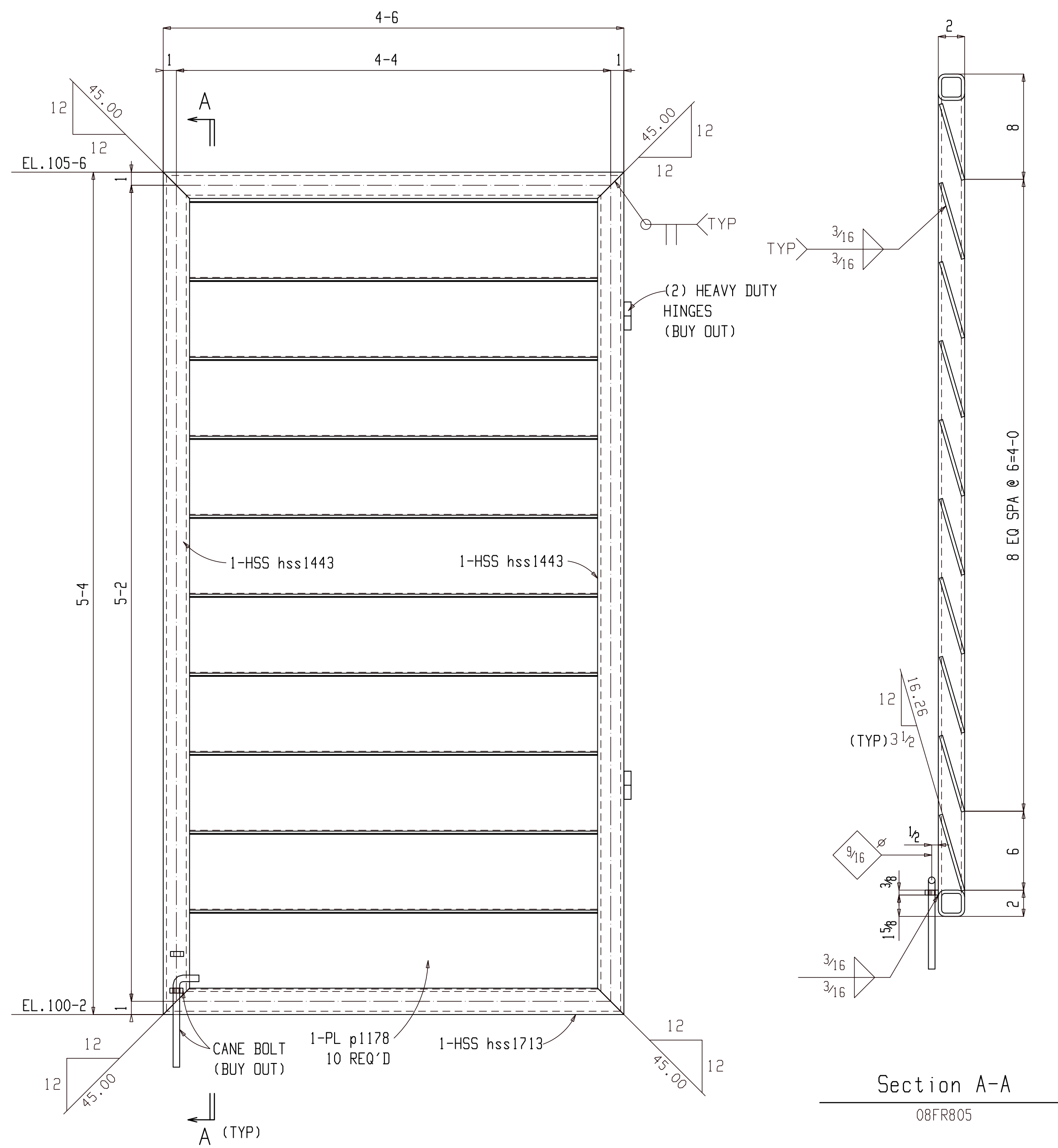
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DRAWN	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
CHECKER	ALN				
APPROVED	04-04-22				

08FR804



ONE FRAME 08FR805

(E REFER: E802)  
(S REFER : 1/AS1.1)

GALVANIZED

PLEASE CONFIRM COMPLETE ASSEMBLY OF DUMPSTER ENCLOSURE AS NOT MUCH INFORMATION IS AVAILABLE IN CONTRACT DWG.S

BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	08FR805		FRAME		Galv		319	319	
1		08FR805	HSS2x2x1/4	A500C		4-6	24	24	
10		p1178	PL1/4x6	A36		4-2	21	213	
1		hss1713	HSS2x2x1/4	A500C		4-6	24	24	
2		hss1443	HSS2x2x1/4	A500C		5-4	29	58	
1			CANE BOLT		(BUY OUT )				
2			HEAVY DUTY HINGES		(BUY OUT )				

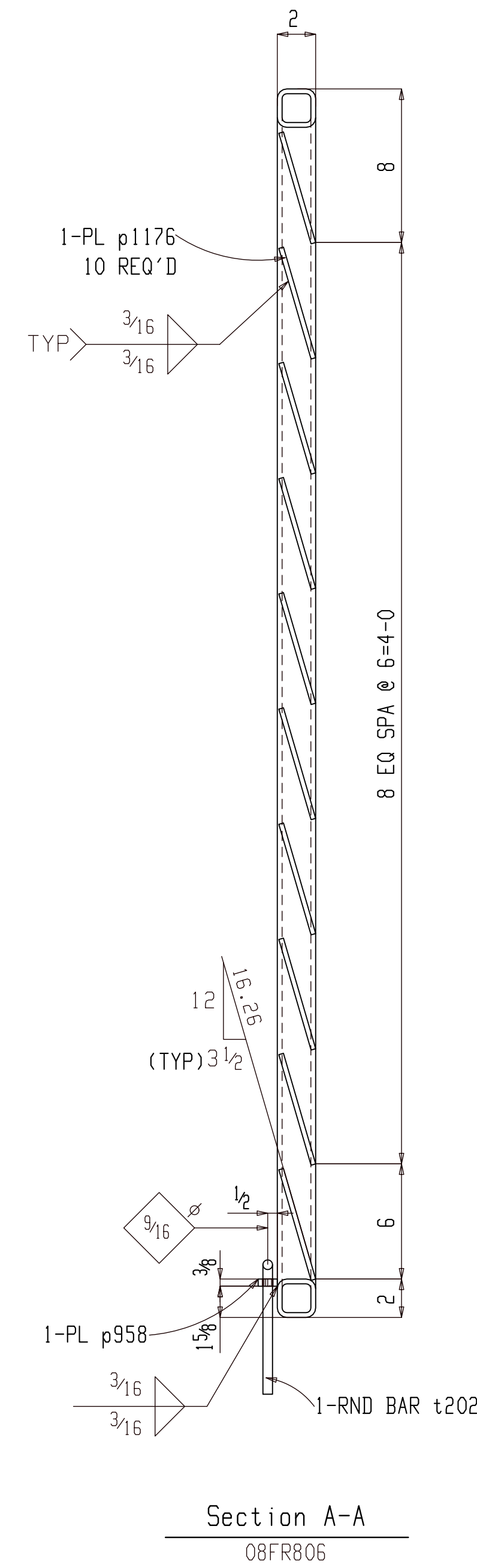
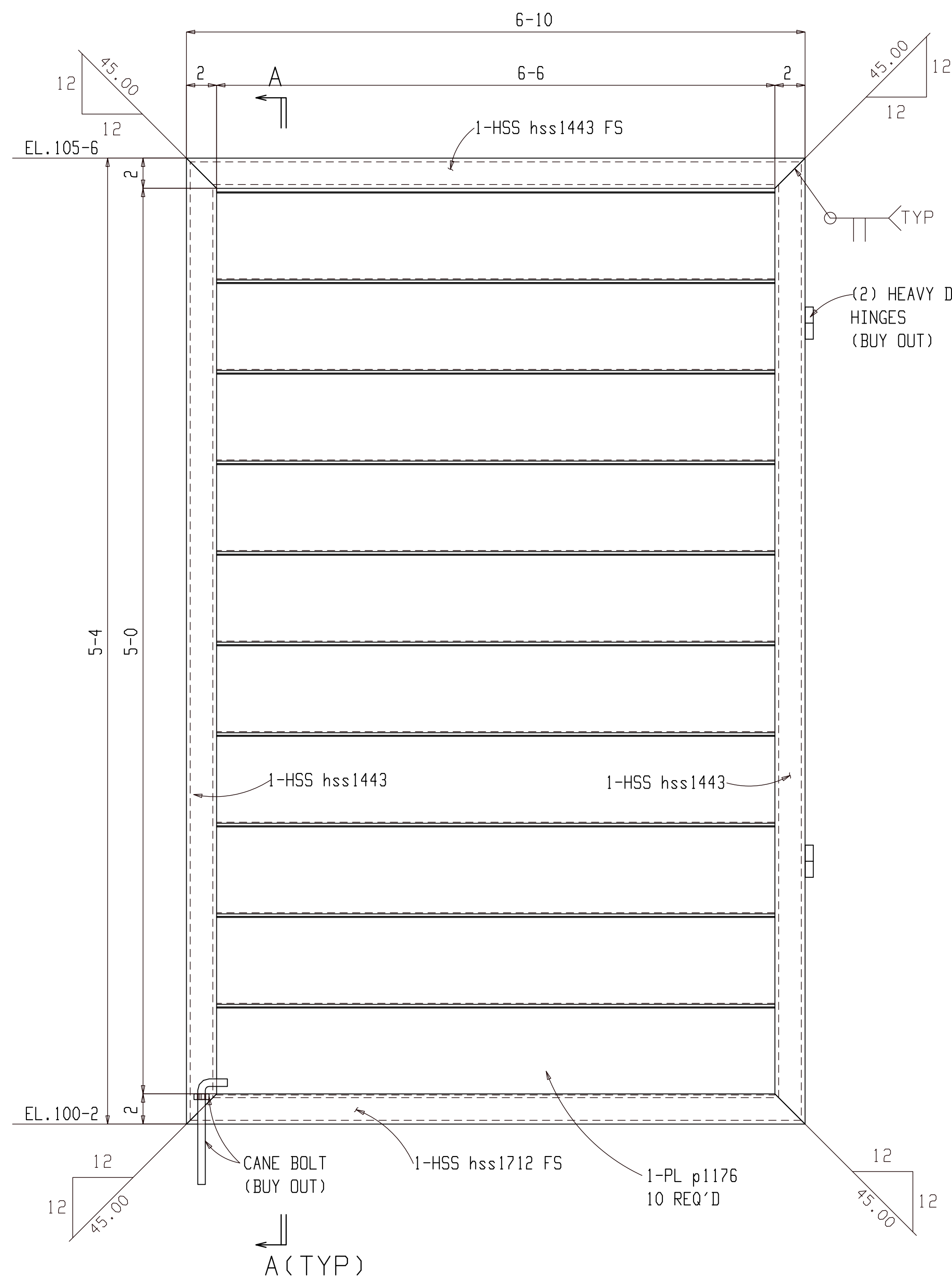
FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT			PROJECT NO	REV
DATE	AKM	JOB NAME	2210	△
04-04-22		MILWAUKEE STATION APARTMENTS		
CHECKER	ALN	JOB LOCATION		DWG NO
04-04-22		GREAT FALLS, MONTANA		08FR805



ONE MISC 08FR806

(E REFER: E801)  
(S REFER : 6/AS1.1)

GALVANIZED

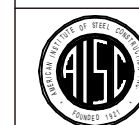
BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	08FR806		MISC				464	464
1		08FR806	HSS2x2x1/4	A500C		6-10	37	37
1		t202	RB1/2	A36		8 1/4	0	0
1		p958	PL 3/8x1	A36		1	0	0
10		p1176	PL 1/4x6	A36		6-6	33	332
1		hss1712	HSS2x2x1/4	A500C		6-10	37	37
2		hss1443	HSS2x2x1/4	A500C		5-4	29	58

FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

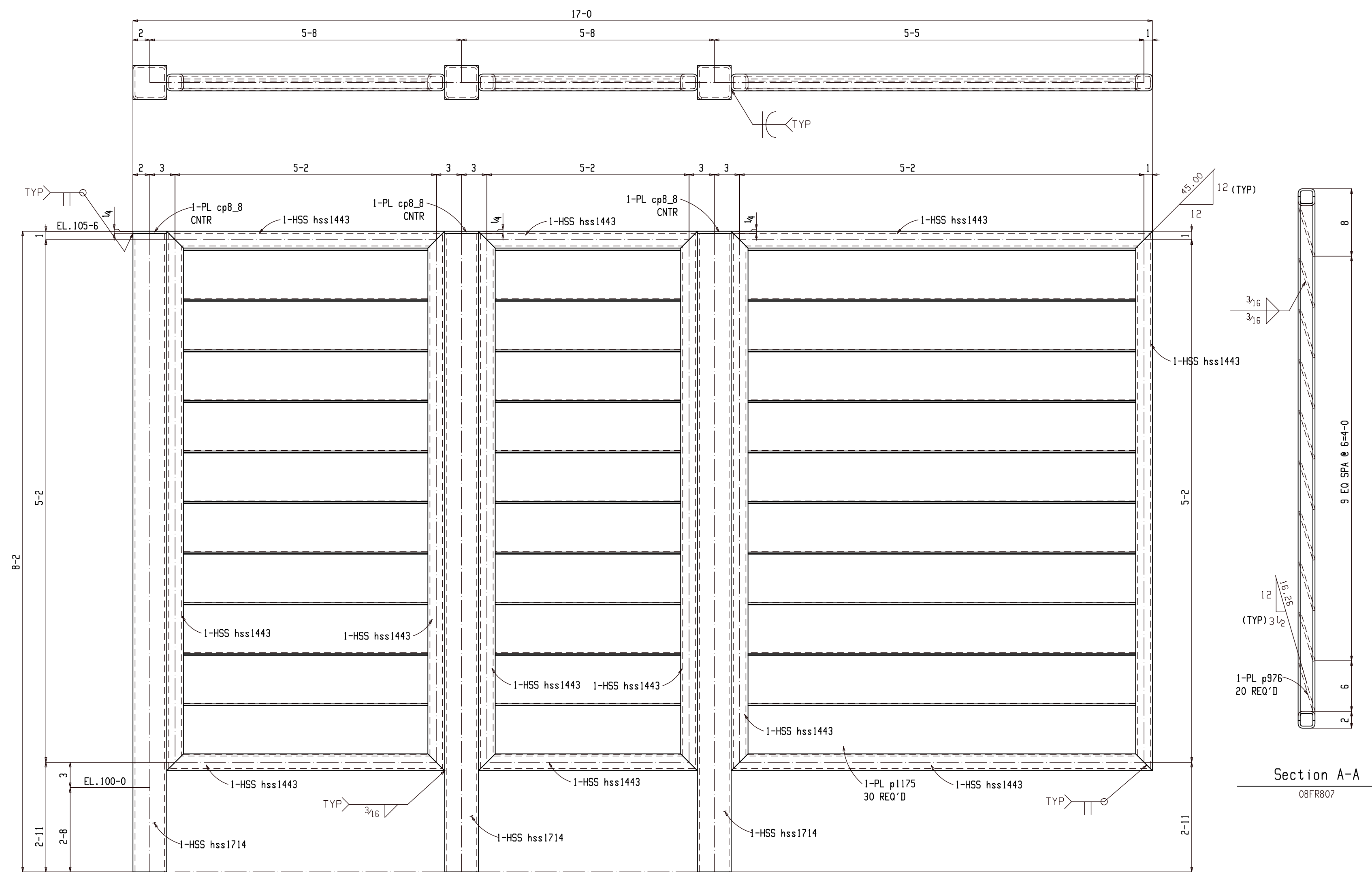


GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	JOB NAME	
APPROVED	04-04-22	MILWAUKEE STATION APARTMENTS	
		JOB LOCATION	
		GREAT FALLS, MONTANA	
		ENGINEER	
		08FR806	



**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	08FR807		FRAME		Galv		1414	1414
1		08FR807	HSS2x2x1/4	A500C		5-4	29	29
30		p1175	PL1/4x6	A36		5-0	26	766
3		cp8_8	PL1/4x4	A36		4	1	3
3		hss1714	HSS4x4x1/4	A500C		8-13/4	99	298
11		hss1443	HSS2x2x1/4	A500C		5-4	29	317



Section A-A  
08FR807

**ONE FRAME 08FR807**

(E REFER: E802)  
(S REFER: 1/AS1.1)  
GALVANIZED

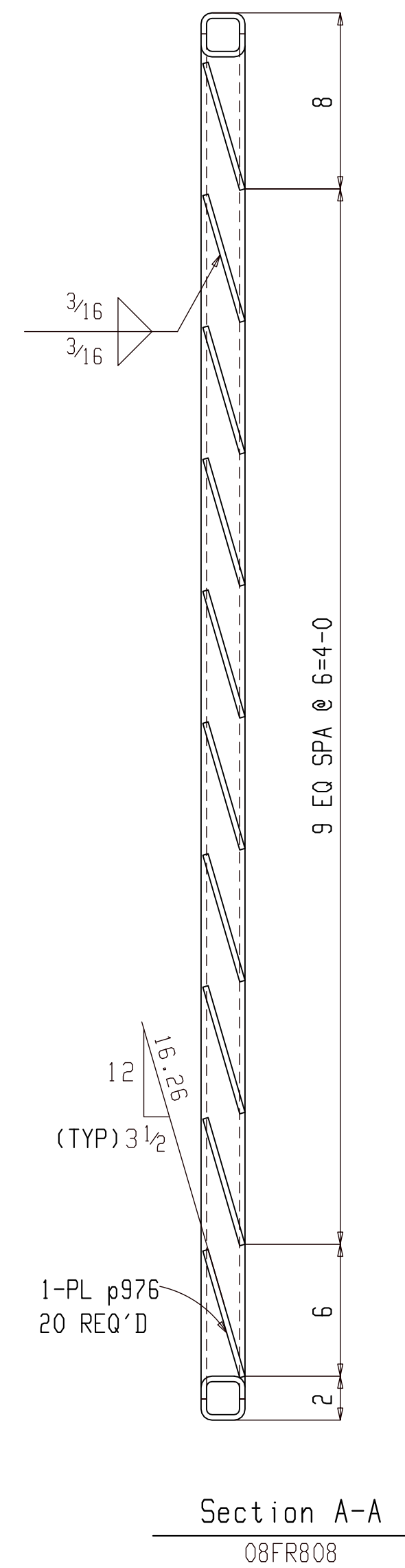
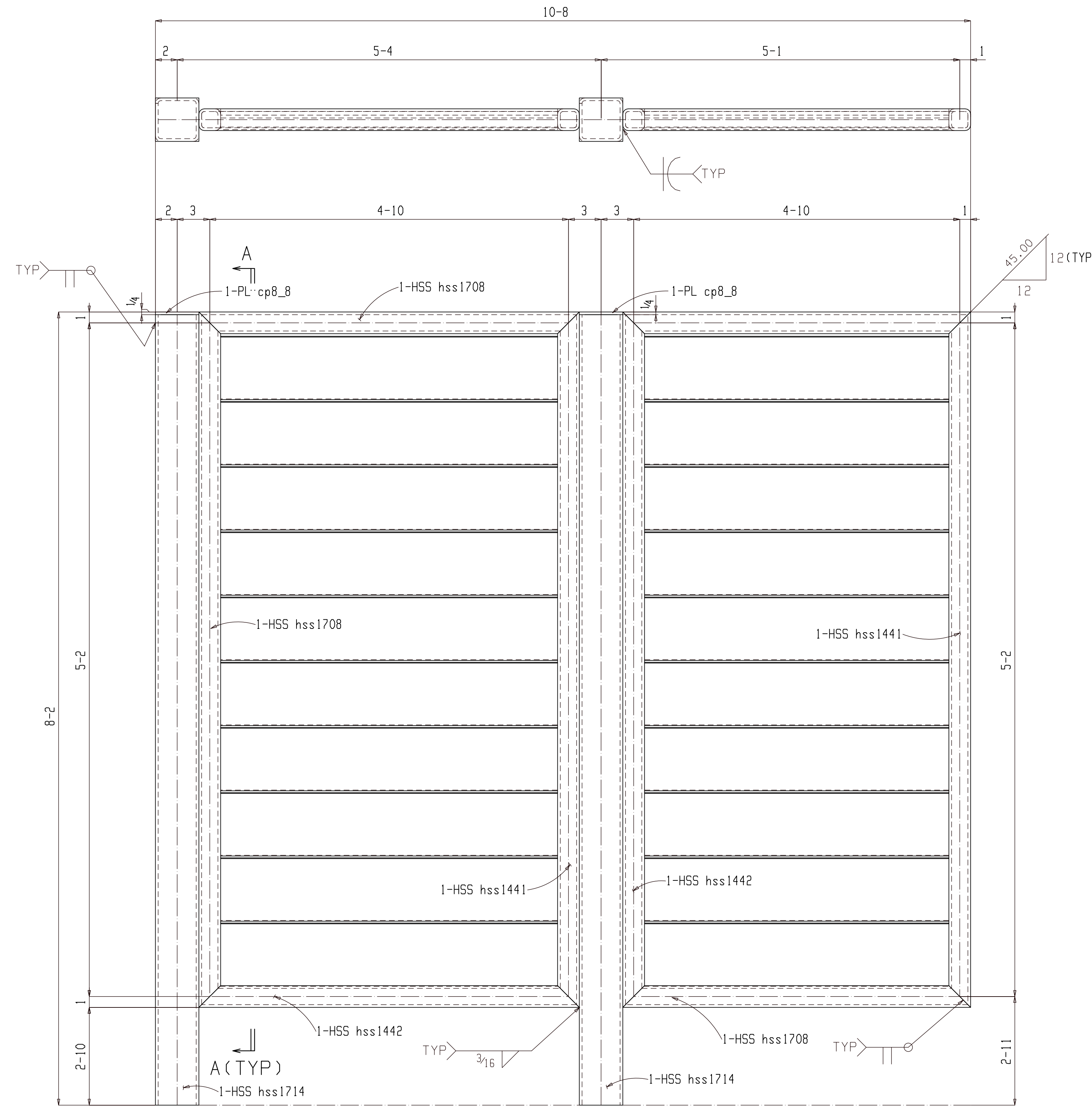
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DRAWN	AKM	2210	A
DATE	04-04-22	JOB NAME	MILWAUKEE STATION APARTMENTS
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA
APPROVED	04-04-22	ENGINEER	08FR807



ONE MISC 08FR808

(E REFER: E802)  
(S REFER : 1/AS1.1)

GALVANIZED

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	08FR808		MISC					901	901
1		08FR808	HSS2x2x1/4	A500C		5-0	27	27	
20		p1172	PL1/4x6	A36		4-8	24	476	
2		cp8_8	PL1/4x4	A36		4	1	2	
2		hss1714	HSS4x4x1/4	A500C		8-13/4	99	199	
3		hss1708	HSS2x2x1/4	A500C		5-0	27	81	
2		hss1442	HSS2x2x1/4	A500C		5-4	29	58	
2		hss1441	HSS2x2x1/4	A500C		5-4	29	58	

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

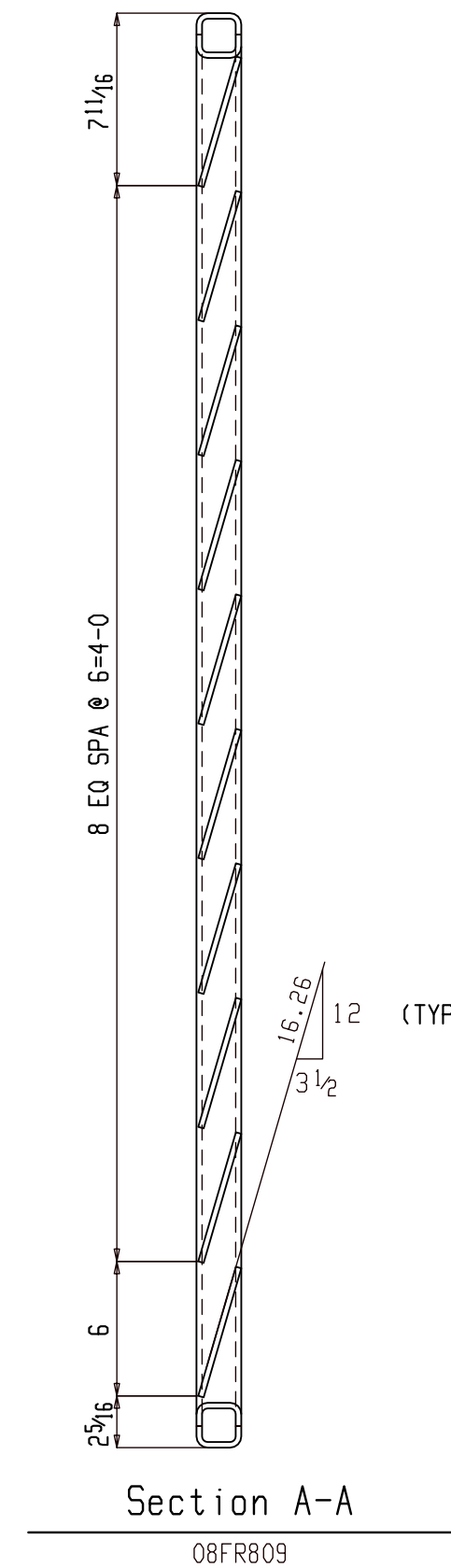
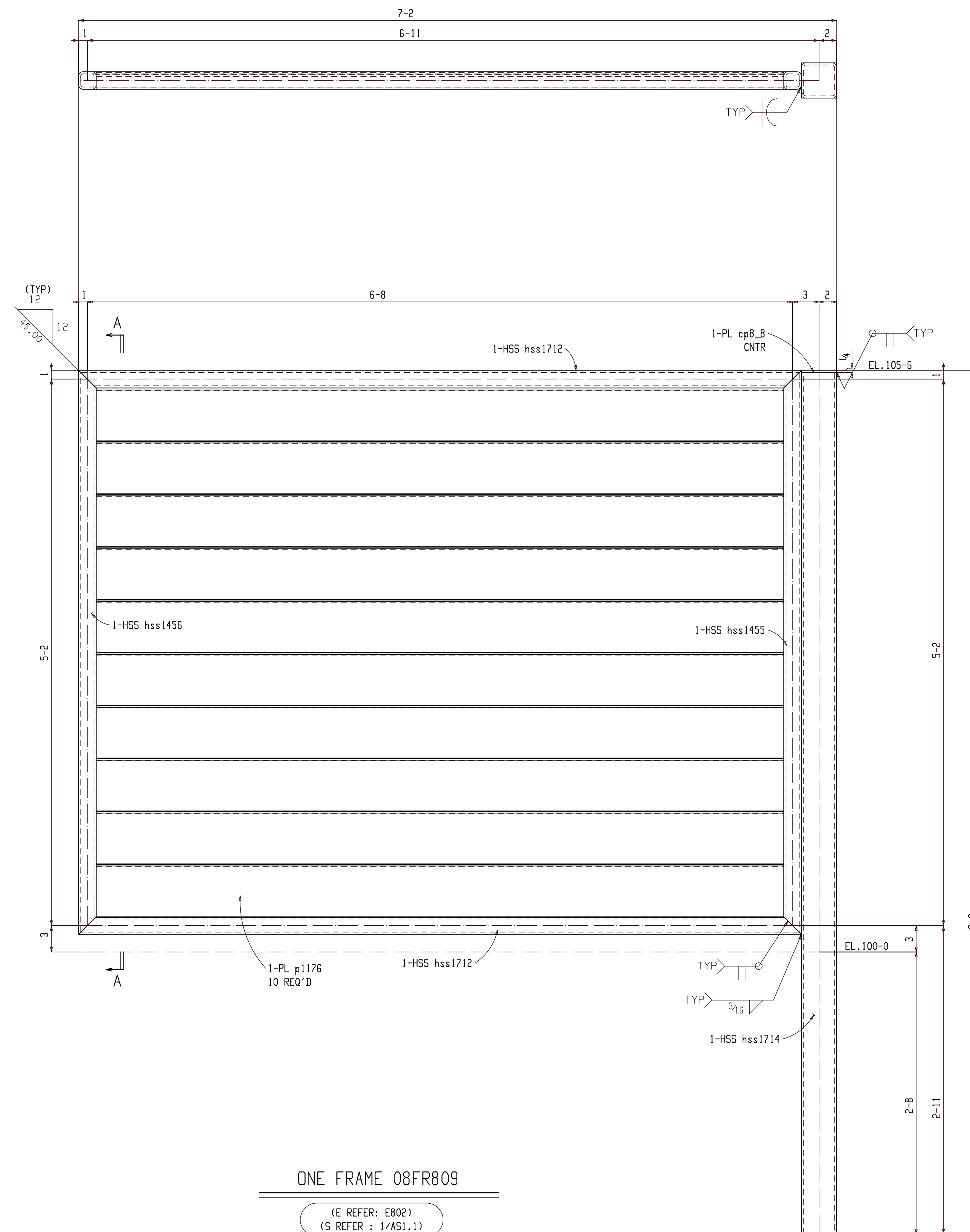
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	04-04-22	2210	A
CHECKER	ALN	JOB NAME	MILWAUKEE STATION APARTMENTS
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
		ENGINEER	08FR808

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	08FR809		FRAME		Galv		564	564
10		p1176	PL 1/4x6	A36		6-6	33	332
1		cp8_8	PL 1/4x4	A36		4	1	1
1		hss1714	HSS4x4x1/4	A500C		8-13/4	99	99
2		hss1712	HSS2x2x1/4	A500C		6-10	37	74
1		hss1456	HSS2x2x1/4	A500C		5-4	29	29
1		hss1455	HSS2x2x1/4	A500C		5-4	29	29



ONE FRAME 08FR809

(E REFER: E802)  
(S REFER: 1/AS1.1)

GALVANIZED

PLEASE CONFIRM COMPLETE  
ASSEMBLY OF DUMPSTER  
ENCLOSURE AS NOT MUCH  
INFORMATION IS AVAILABLE  
IN CONTRACT DWG.S

**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

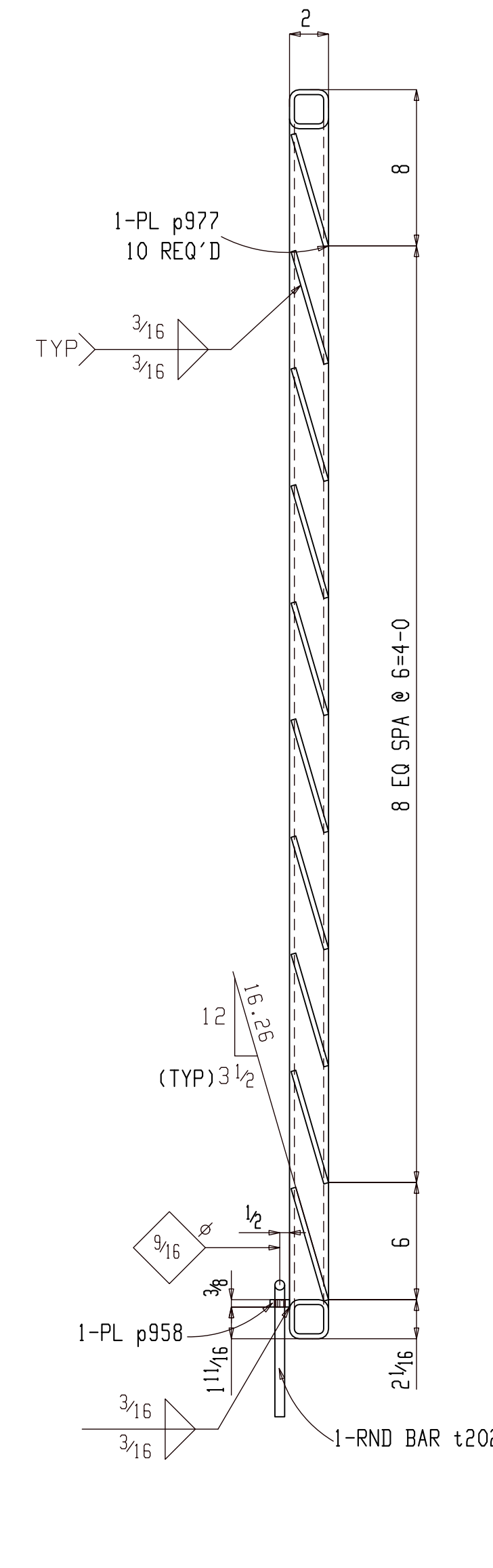
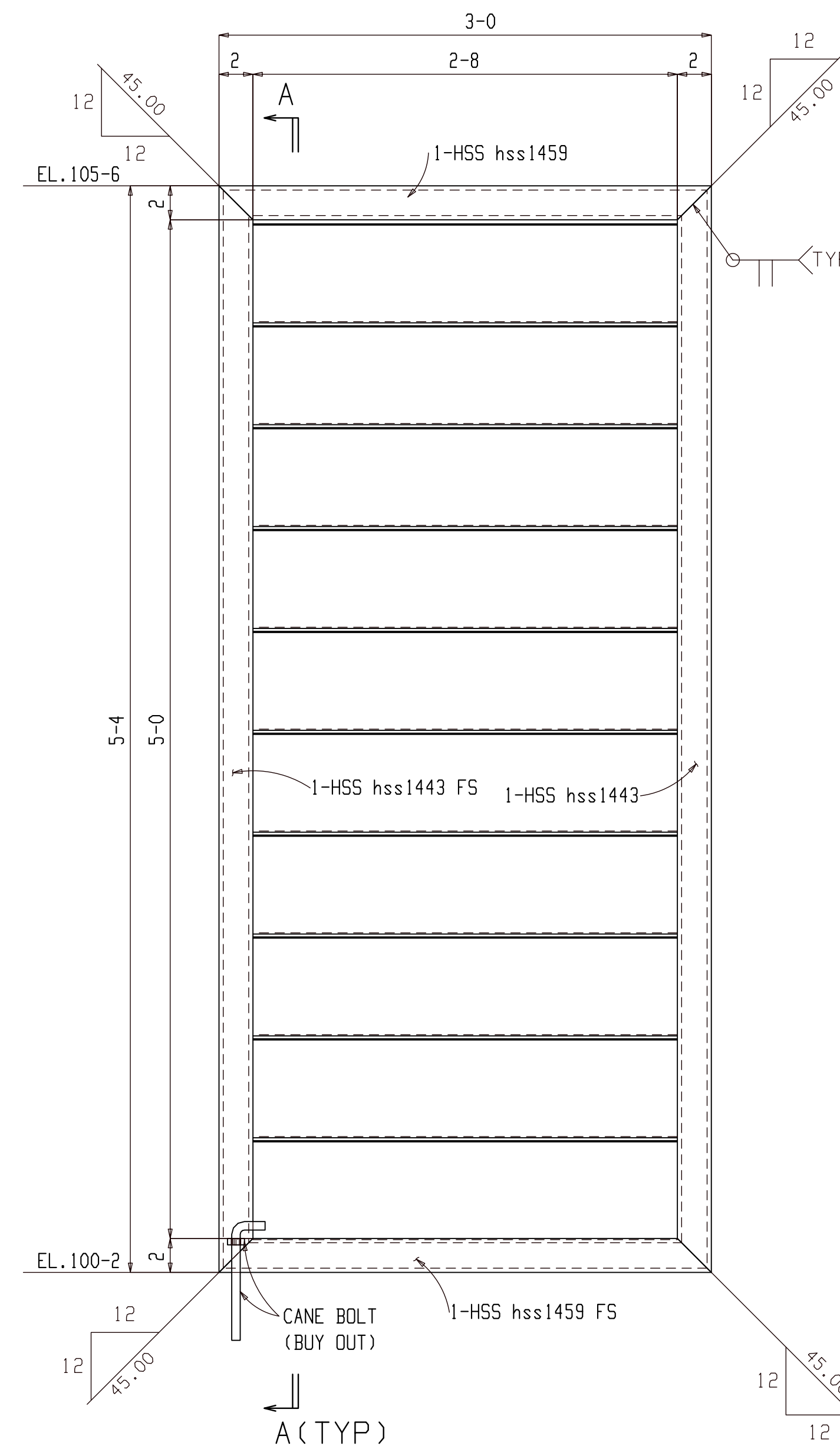
HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT		PROJECT NO	REV
DATE	AKM	2210	A
CHECKER	ALN	MILWAUKEE STATION APARTMENTS	
APPROVED	04-04-22	GREAT FALLS, MONTANA	
		ENGR NO	08FR809

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	08FR810		MISC					227	227
1		08FR810	HSS2x2x1/4	A500C		3-0	16	16	
1		t202	RB1/2	A36		8 1/4	0	0	
1		p958	PL 3/8x1	A36		1	0	0	
10		p977	PL 1/4x6	A36		2-8	14	136	
1		hss1459	HSS2x2x1/4	A500C		3-0	16	16	
2		hss1443	HSS2x2x1/4	A500C		5-4	29	58	



ONE MISC 08FR810

(E REFER: E802)  
(S REFER : 1/AS1.1)

GALVANIZED

Section A-A  
08FR810

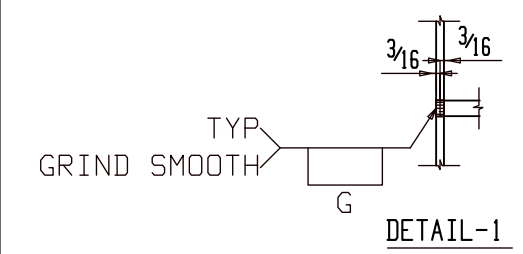
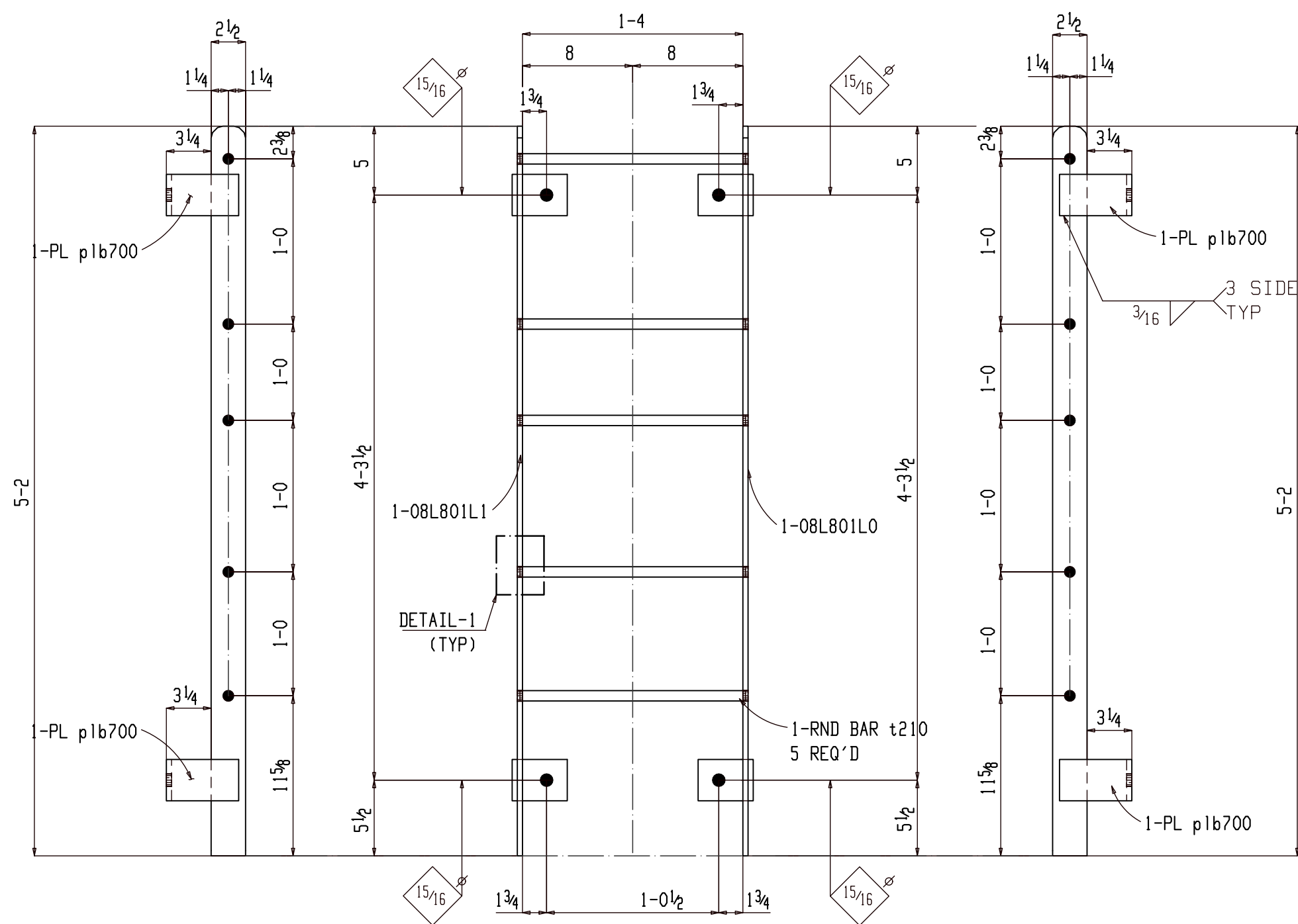
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-16-22
		REV	DESCRIPTION DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM		MILWAUKEE STATION APARTMENTS		2210	A
DATE	04-04-22	CHECKER	ALN	ENGINEER	
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		08FR810



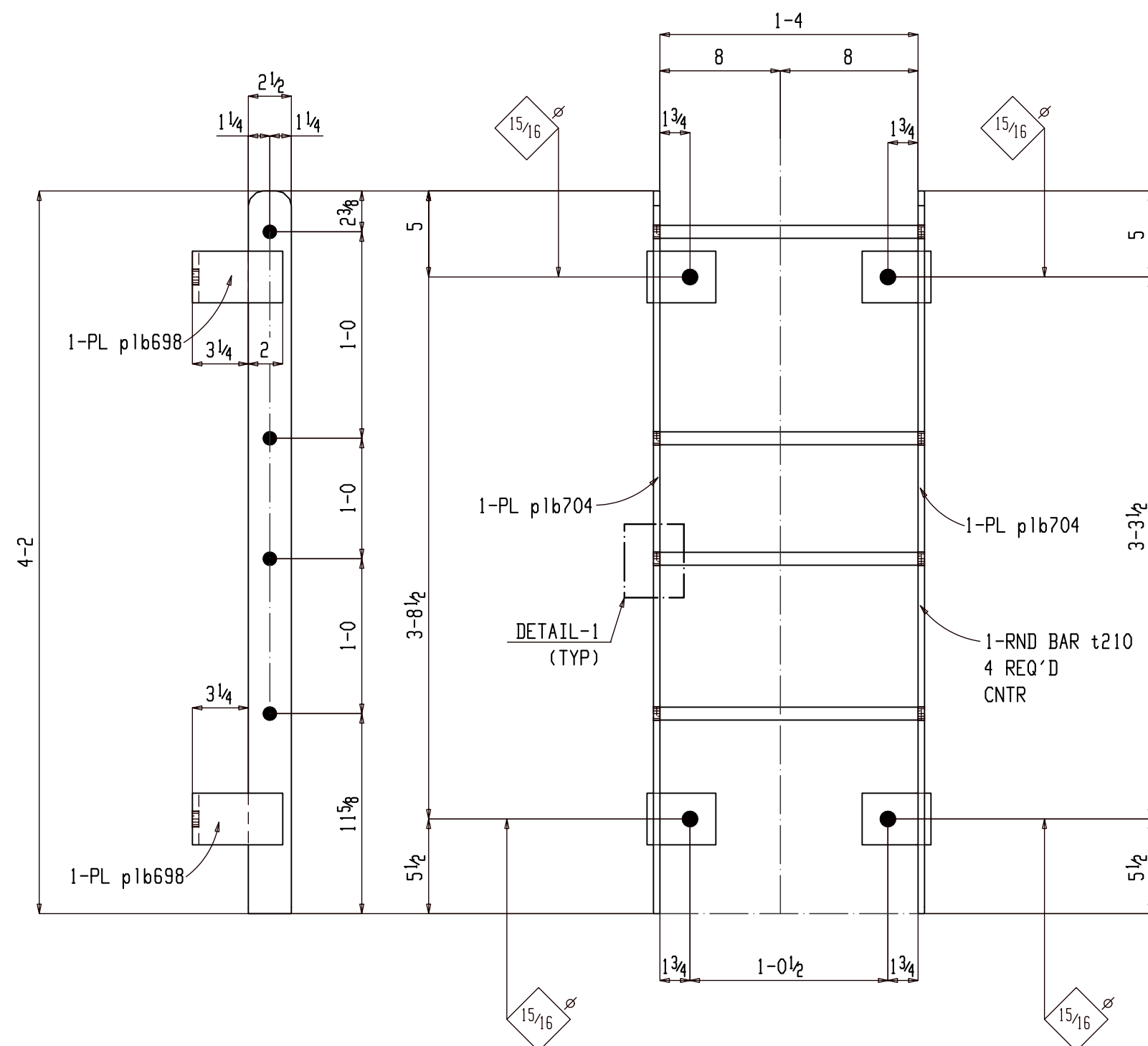
BILL OF MATERIAL									
Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total	
ONE	08L801		LADDER					54	54
1		08L801L	PL <sup>3/8</sup> x2 <sup>1/2</sup>	A36	BENT	5-2	16	16	
1		08L801	PL <sup>3/8</sup> x2 <sup>1/2</sup>	A36	BENT	5-2	16	16	
5		t210	RB <sup>3/4</sup>	A36		1-4 <sup>3/8</sup>	2	10	
4		p1b698	PL <sup>3/8</sup> x8 <sup>9/16</sup>	A36	BENT	3	3	11	

ONE LADDER 08L801

(E REFER: E804 & E405)  
(S REFER : A3.7)

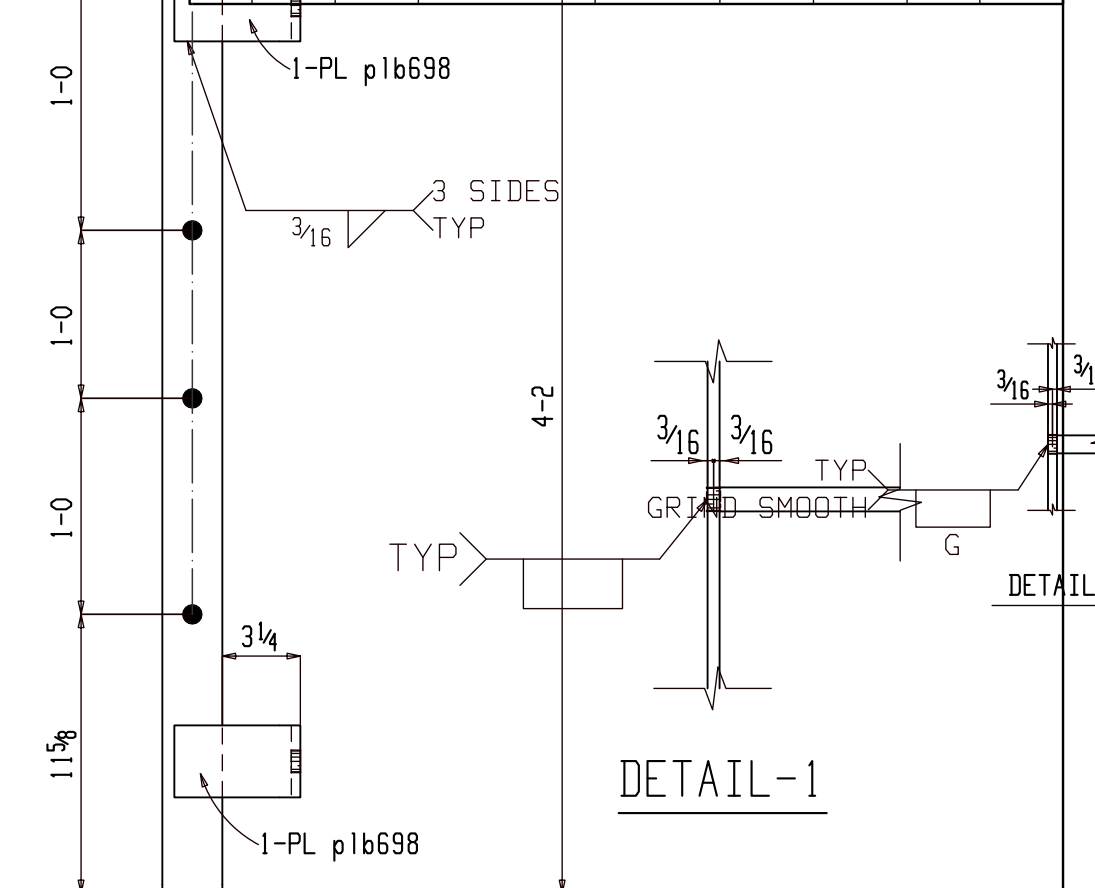
ISC PRIMER

FOR APPROVAL			
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE			
HOLES	1 <sup>3/16</sup> DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE
GENERAL ARRANGEMENT			PROJECT NO 2210
DATE 04-04-22	CHECKER ALN	JOB NAME MILWAUKEE STATION APARTMENTS	REV A
APPROVED 04-04-22	JOB LOCATION GREAT FALLS, MONTANA		DWG NO 08L801



### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	08L802		LADDER				46	91
2		08L802L	PL 3/8x2 1/2	A36	BENT	4-2	13	27
2		08L802	PL 3/8x2 1/2	A36	BENT	4-2	13	27
8		t210	RB 3/4	A36		1-4 3/8	2	16
8		p1b698	PL 3/8x8 9/16	A36	BENT	3	3	22



## 2 LADDERS 08L802

(E REFER: E804 & E805)  
(S REFER : A3.5 & A3.6)

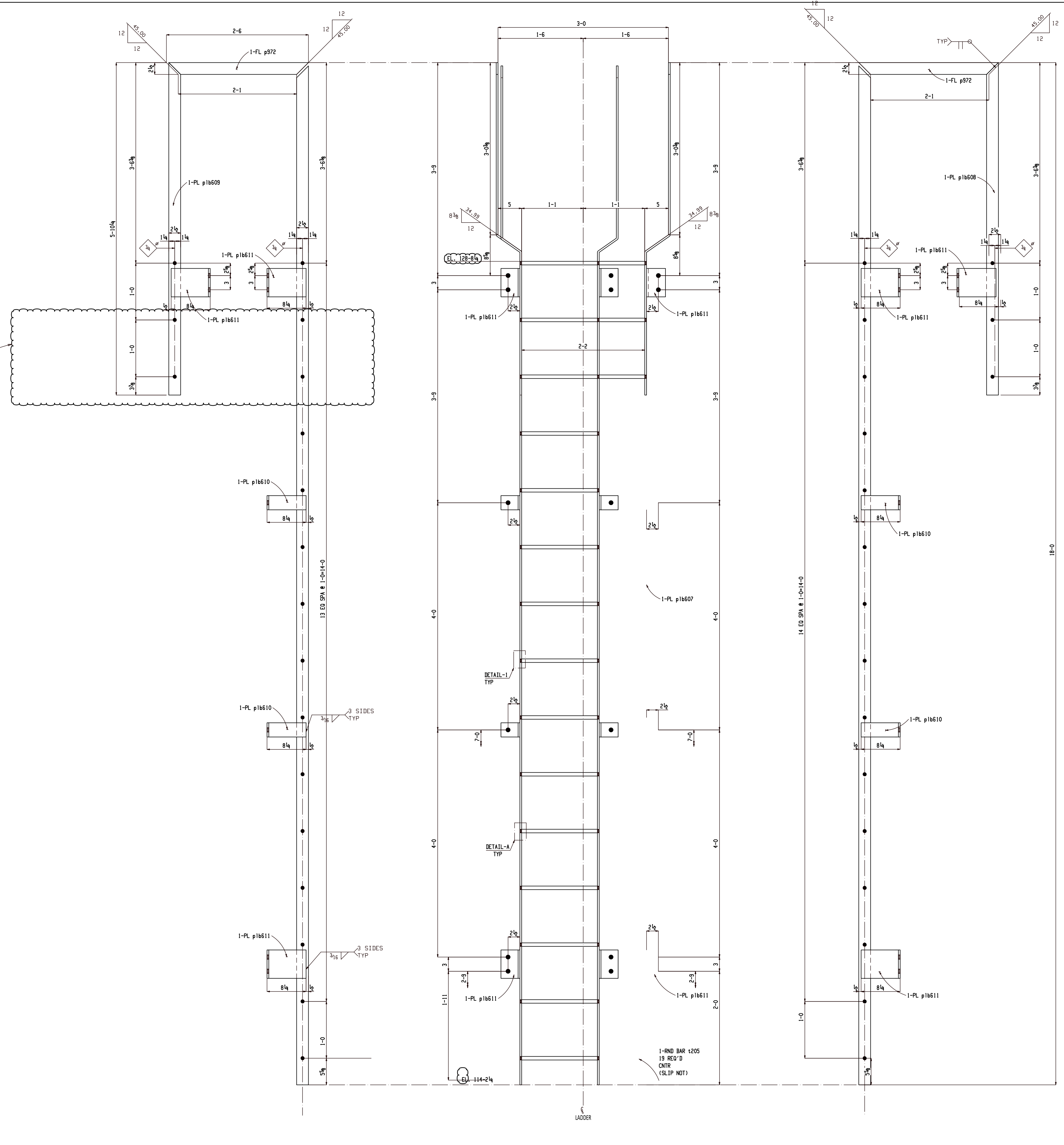
1SC PRIMER

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	1SC PRIMER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE

GENERAL ARRANGEMENT		PROJECT NO	2210
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA
CHECKER	ALN	DWG NO	08L802
APPROVED	04-04-22		



PLEASE ADVISE IF CHEQUERED PLATE REQUIRED AT MARKED LOCATION.

PLEASE CONFIRM EXTERIOR LADDER NEEDS TO BE GALVANIZED

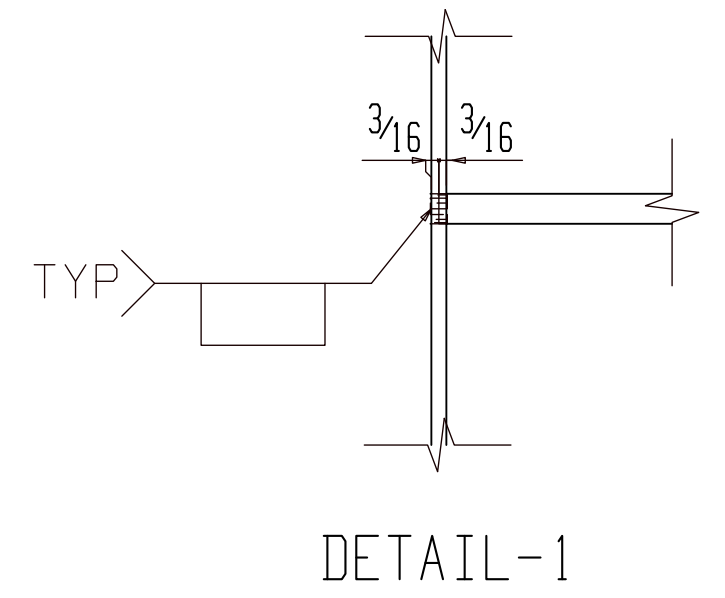
PLEASE CONFIRM COMPLETE ASSEMBLY OF LADDER AS NOT MUCH INFORMATION IS AVAILABLE IN CONTRACT DWG.S

PLEASE CONFIRM ALL LADDER ELEVATIONS AS NOTHING IS PROPERLY SHOWN ON CONTRACT DWG.S

ONE LADDER 08L803

**BILL OF MATERIAL**

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Unit	Weight	Weight
ONE	08L803		LADDER	Galv				268	268
1		08L803L	PL3/8x2 1/2	A36	BENT	18-13/8		58	58
1		08L803	PL3/8x2 1/2	A36	BENT	17-10 7/8		57	57
15		t210	RB3/4	A36		1-4 3/8		2	31
3		t205	RB3/4	A36	(SLIP NOT)	2-2 3/8		3	10
6		plb644	PL3/8x11 9/16	A36	BENT			6	7
4		plb643	PL3/8x11 9/16	A36	BENT			3	4
1		plb609	PL3/8x2 1/2	A36	BENT	6-0 13/16		19	19
1		plb608	PL3/8x2 1/2	A36	BENT	6-0 13/16		19	19
2		p1186	FL3/8x2 1/2	A36		2-5 1/2		7	14
10			FIELD BOLTS						
			3/4 Dia EXPANSION					4	



**FOR APPROVAL**

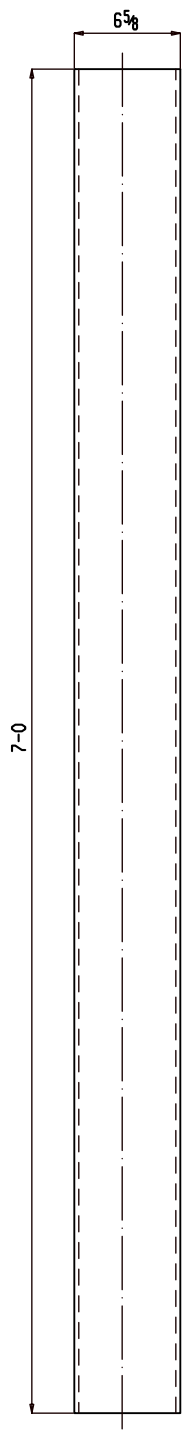
BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	FIREPROOF MEMBER		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THRD STUD AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A For Approval	05-06-22
		REV	DESCRIPTION DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
BETWELER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	A
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	08L803
CHECKER	ALN				
APPROVED	04-04-22				

(E REFER: E204 & E206)  
(S REFER: 18, 19, 43, 51)



**6 BOLLARDESSES 08M801**

(E REFER: E802)  
(S REFER : ASI.1)

ISC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
6	08M801		BOLLARDS		Galv		133	798
6		08M801	PIPE 6 STD	A53B		7-0	133	798

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)			
SURFACE	SP2			
FINISH	GALVANIZED			
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS			
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE			
ELECTRODES	E70XX LOW HYDROGEN			
ALL HEADED/THR'D STUD	AUTO WELDED			
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval	05-16-22
		REV	DESCRIPTION	DATE



**ANDERSON STEEL SUPPLY INC.**

GREAT FALLS, MT

AndersonSteel.com

406-761-4354

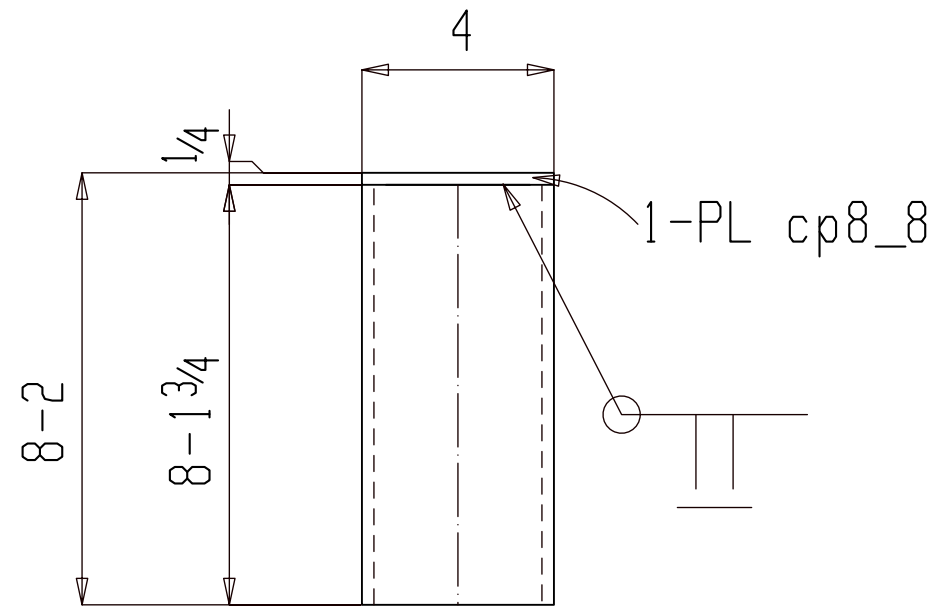


ANDERSON STEEL SUPPLY, INC. IS A MATERIALS SUPPLIER ONLY  
DESIGN VERIFICATION AND REVIEW IS THE RESPONSIBILITY OF THE DESIGNER OF RECORD

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	CHECKER	ALN	DWG NO	08M801
CHECKER	ALN	JOB LOCATION	GREAT FALLS, MONTANA		
APPROVED	04-04-22				







3 MISCS 08M803

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
3	08M803		MISC				101	302
3		08M803	HSS4x4x1/4	A500C		8-13/4	99	298
3		cp8_8	PL 1/4x4	A36		4	1	3

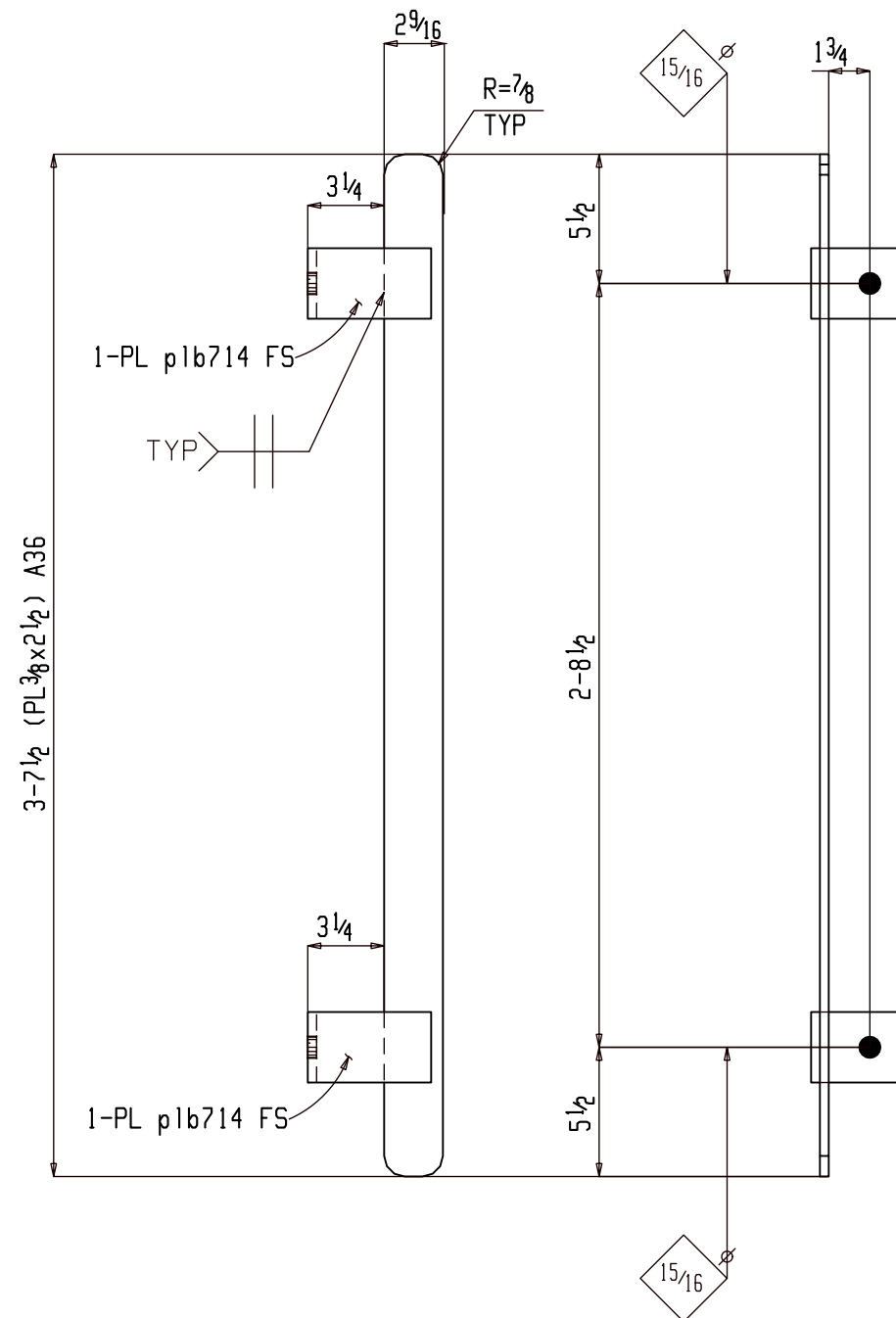
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16" DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			
				08M803	



ONE MISC 08M804

(E REFER: E804 & E805)

ISC PRIMER

BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	08M804		MISC				17	17
1		08M804	PL 3/8 x 2 1/2	A36		3-7 1/2	12	12
2		p1b714	PL 3/8 x 8 9/16	A36	BENT	3	3	5

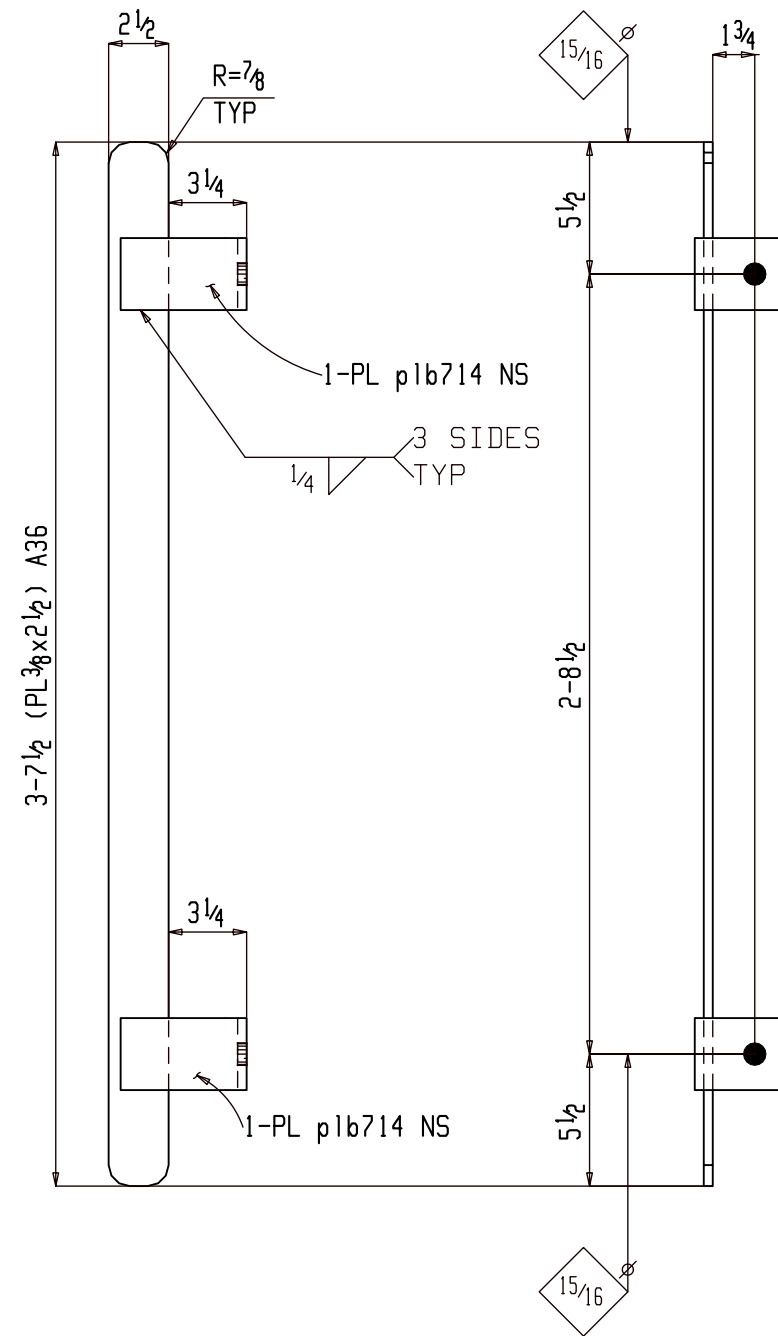
**FOR APPROVAL**

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION DATE

GENERAL ARRANGEMENT

DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	PROJECT NO	2210
DATE	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA	DWG NO	08M804
CHECKER	ALN				
APPROVED	04-04-22				



ONE MISC 08M805

(E REFER: E804 & E805)

ISC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
ONE	08M805		MISC				17	17
1		08M805	PL 3/8x2 1/2	A36		3-7 1/2	12	12
2		p1b714	PL 3/8x8 9/16	A36	BENT	3	3	5

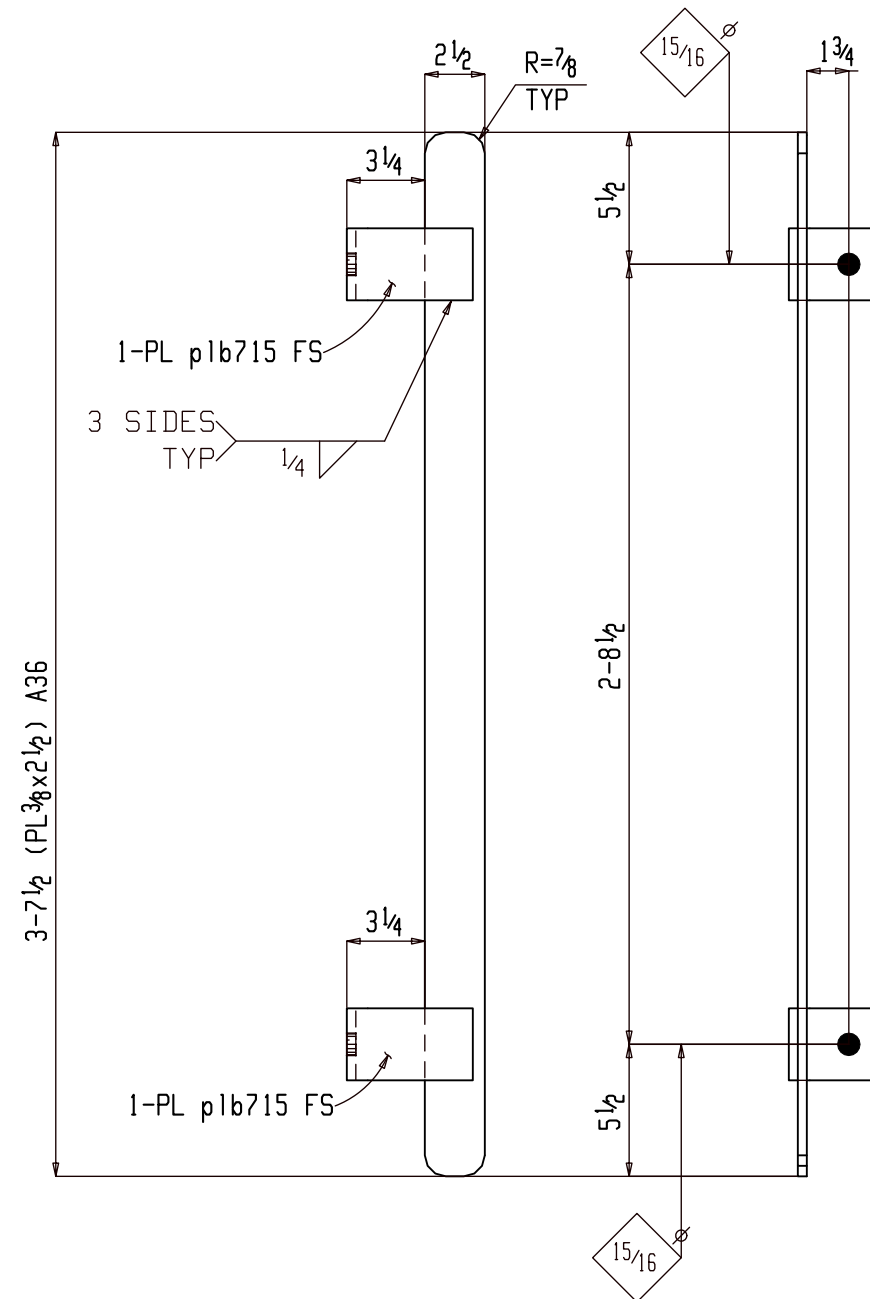
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER	ALN		
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
				DWG NO	08M805



2 MISCS 08M806

(E REFER: E804 & E805)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	08M806		MISC				17	34
2		08M806	PL <sup>3/8</sup> x2 <sup>1/2</sup>	A36		3-7 <sup>1/2</sup>	12	23
4		p1b715	PL <sup>3/8</sup> x8 <sup>9/16</sup>	A36	BENT	3	3	11

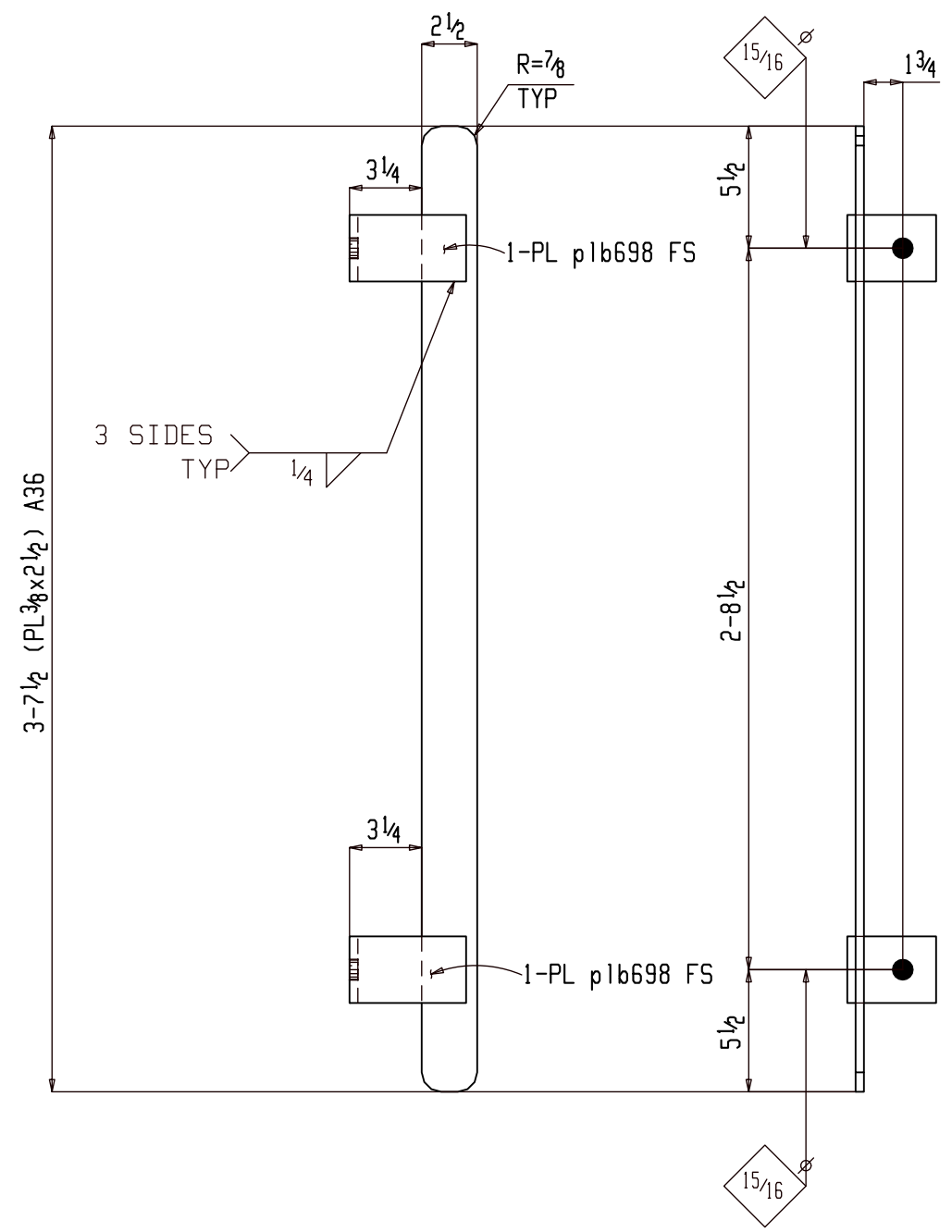
### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	1 <sup>3/16</sup> DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



GENERAL ARRANGEMENT				PROJECT NO	REV
DETAILER	AKM	JOB NAME	MILWAUKEE STATION APARTMENTS	2210	
DATE	04-04-22	CHECKER	ALN		
APPROVED	04-04-22	JOB LOCATION	GREAT FALLS, MONTANA		
				DWG NO	08M806



2 MISCS 08M807

(E REFER: E804 & E805)

1SC PRIMER

### BILL OF MATERIAL

Qty	Ship Mark	Sub Mark	Description	Material	Remark	Length	Weight Unit	Weight Total
2	08M807		MISC				17	34
2		08M807	PL 3/8x2 1/2	A36		3-7 1/2	12	23
4		p1b698	PL 3/8x8 9/16	A36	BENT	3	3	11

### FOR APPROVAL

BACK CHARGES NOT ACCEPTED UNLESS NEGOTIATED AT TIME OF OCCURRENCE

HOLES	13/16 DIA (UNO)		
SURFACE	SP2		
FINISH	GALVANIZED		
HR FINISH	GRIND TOP AND GRAB RAIL SMOOTH DEBURR ALL OTHER WELDED JOINTS		
MATERIAL	REFER BILL OF MATERIAL FOR MATERIAL GRADE		
ELECTRODES	E70XX LOW HYDROGEN		
ALL HEADED/THR'D STUD	AUTO WELDED		
GENERAL NOTES	ALL COLUMN BASE PLATE VIEWS AND BEAM BOTTOM FLANGE VIEWS ARE SECTION CUTS LOOKING DOWN	A	For Approval
		REV	DESCRIPTION
			DATE



DETAILER		JOB NAME		PROJECT NO	REV
AKM	04-04-22	MILWAUKEE STATION APARTMENTS	2210		
ALN	04-04-22	GREAT FALLS, MONTANA			