

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

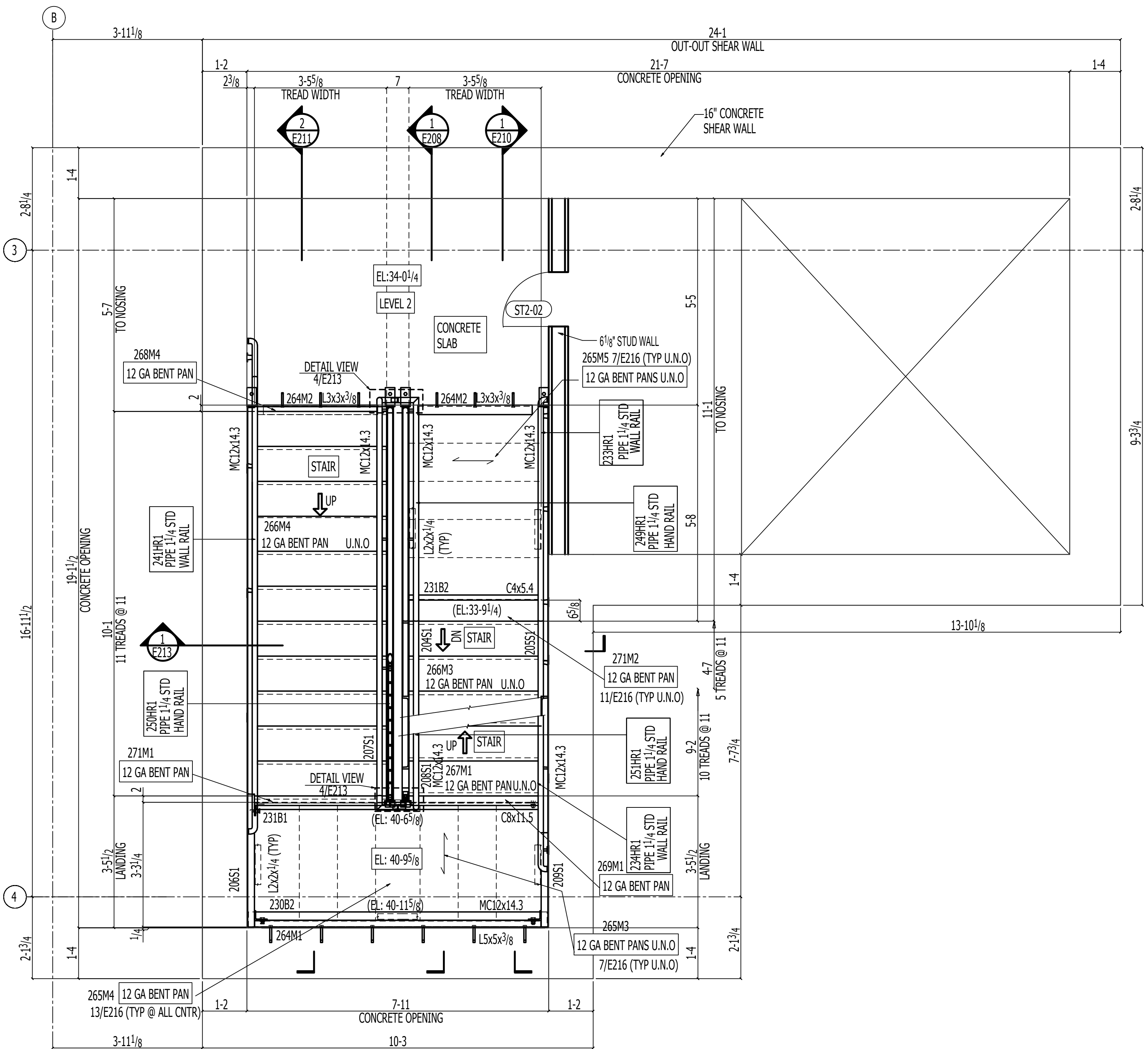
NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

APCC CERTIFIED FABRICATOR and ERECTOR
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

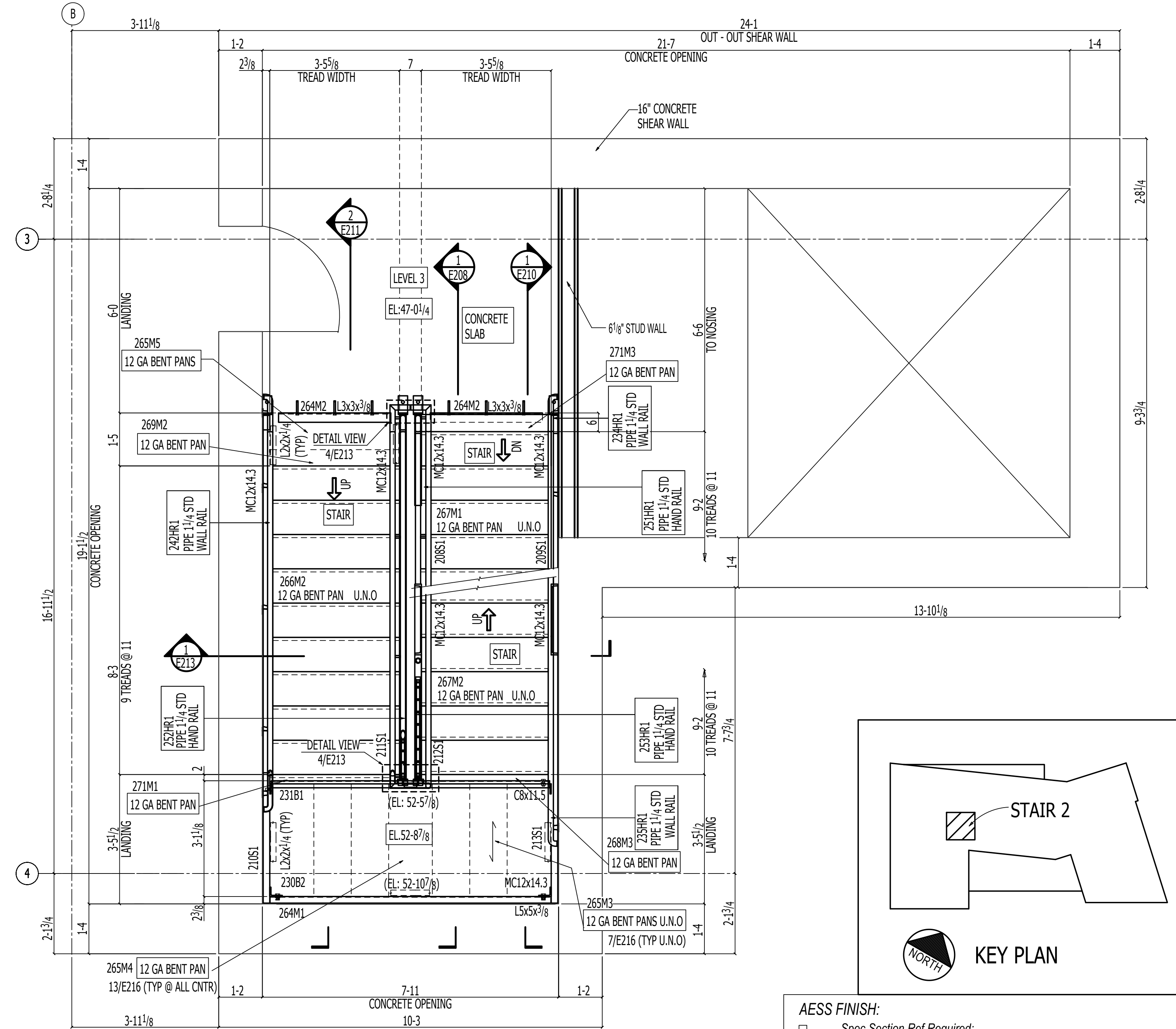
PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	SHAPES: A36 PIPE: A53 GR.B DRAWN BY: PKM DATE: 08-16-2022
	TUBING: ASTM A300 GR.B CHECKED BY: ALN DATE: 08-16-2022
WELDING U.N.	E70XX JOB NO. 22-0012-5002 REV #
	E70XX-LH FOR ASTM A572-50 DWG NO. E201

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



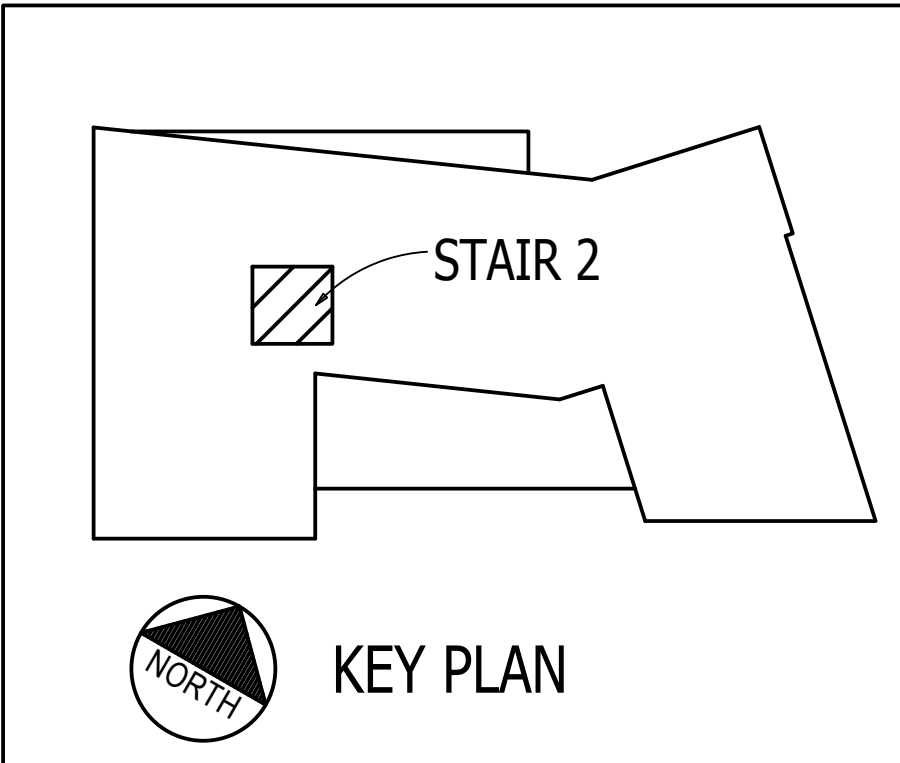
STAIR#2 LEVEL-2 FLOOR PLAN

REFER DWG 30/A6.13
 NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O



STAIR#2 LEVEL 3 FLOOR PLAN

REFER DWG 11/A6.13
 NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O



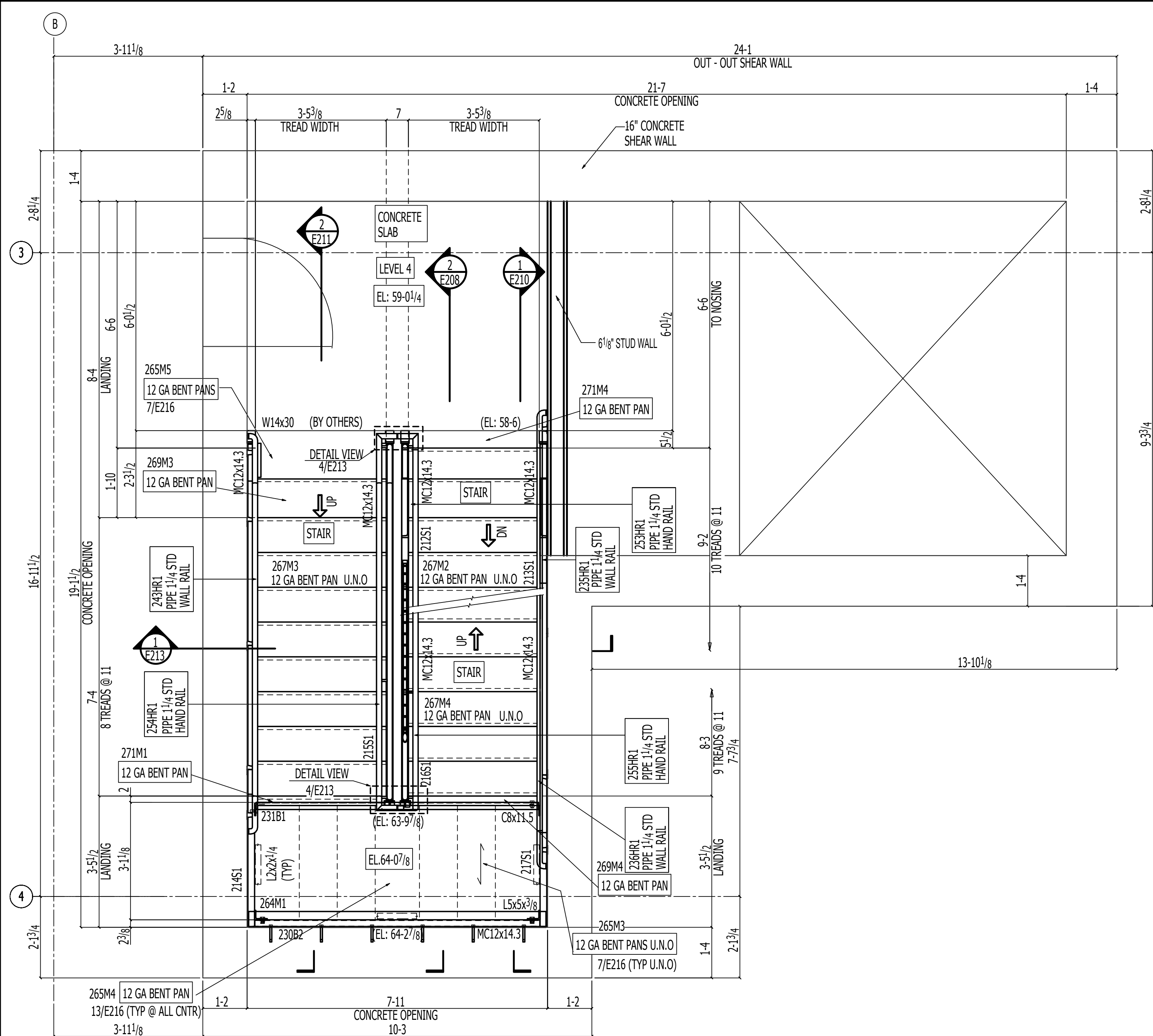
REV.#	DATE	BY	REVISION
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AESS FINISH:
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 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
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 PROVIDENCE, RI 02903

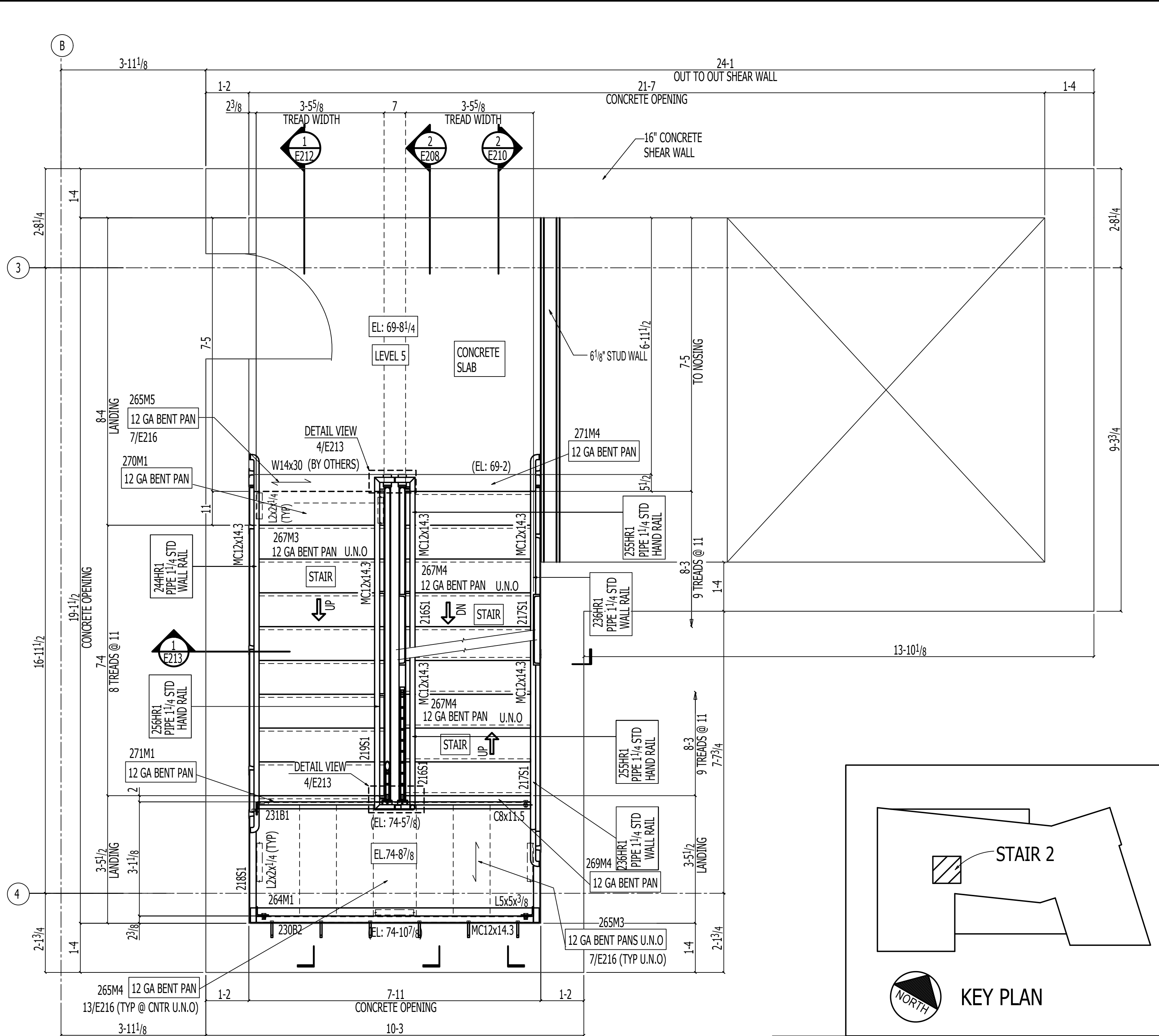
PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	SHAPES: A36 PIPE: A53 GR. B DRAWN BY: PKM DATE: 08-16-2022
	TUBING: ASTM A300 GR. B CHECKED BY: ALN DATE: 08-16-2022
WELDING U.N.	E70XX JOB NO. 22-0012-5002 REV #
	E70XX-LH FOR ASTM A572-50 DWG NO. E202



STAIR#2 LEVEL 4 FLOOR PLAN

REFER DWG 21/A6.13

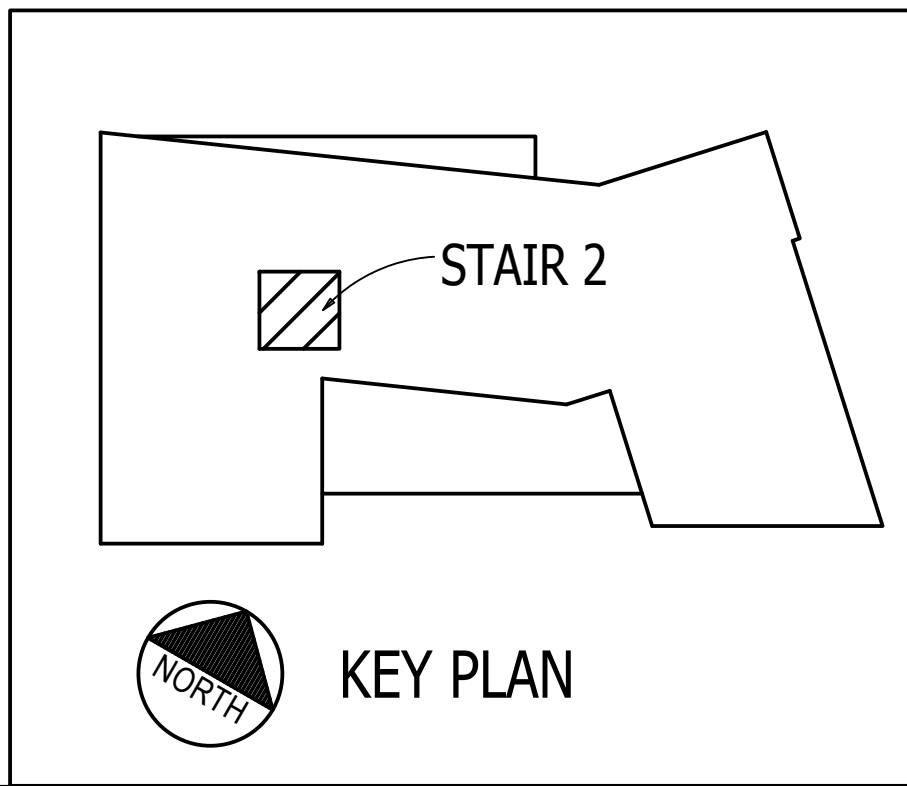
- NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O



STAIR#2 LEVEL 5 FLOOR PLAN

REFER DWG 31/A6.13

- NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O



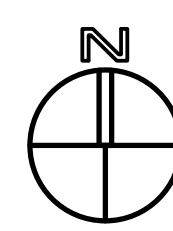
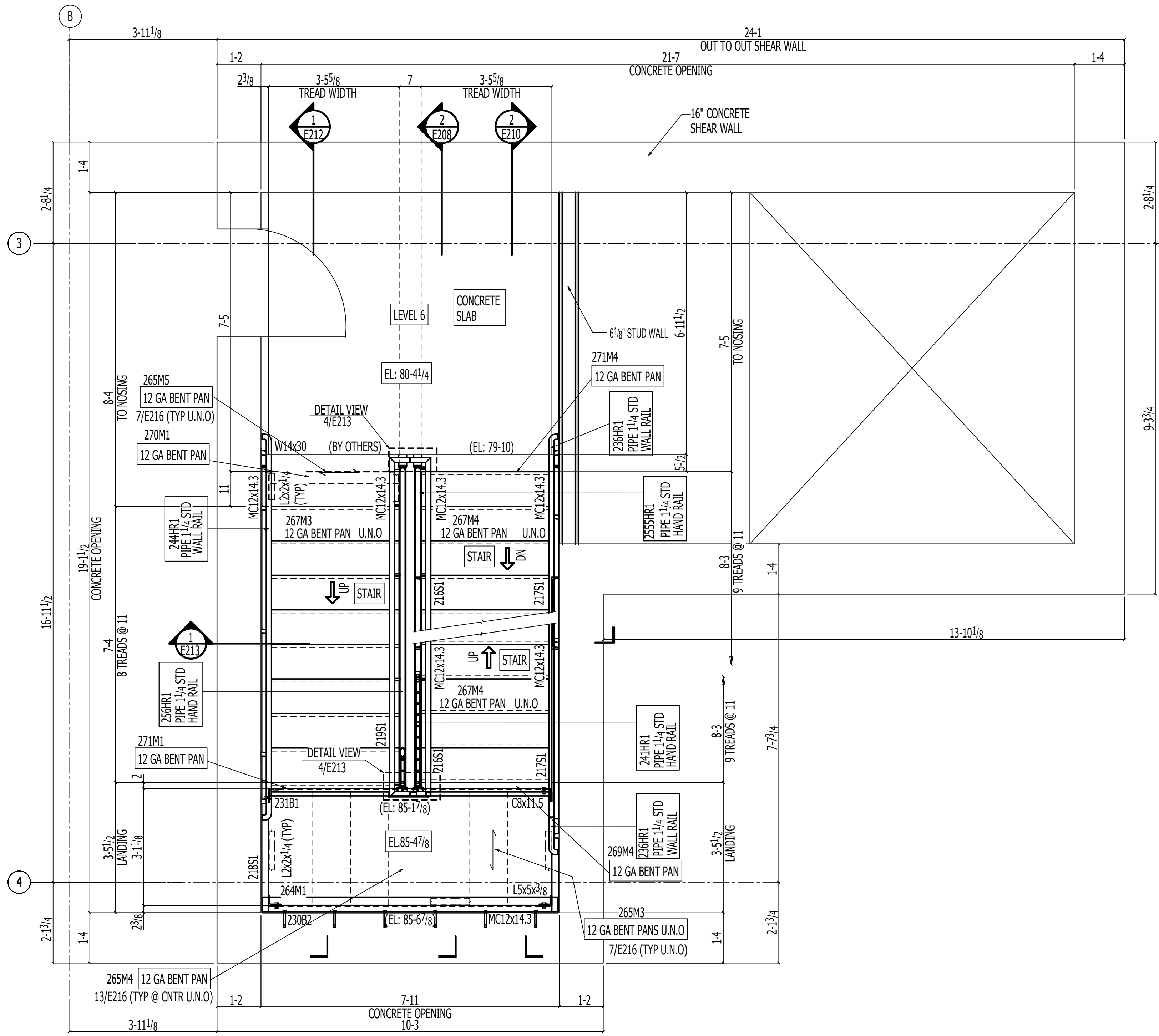
AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
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 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

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 PROVIDENCE, RI 02903

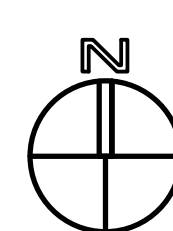
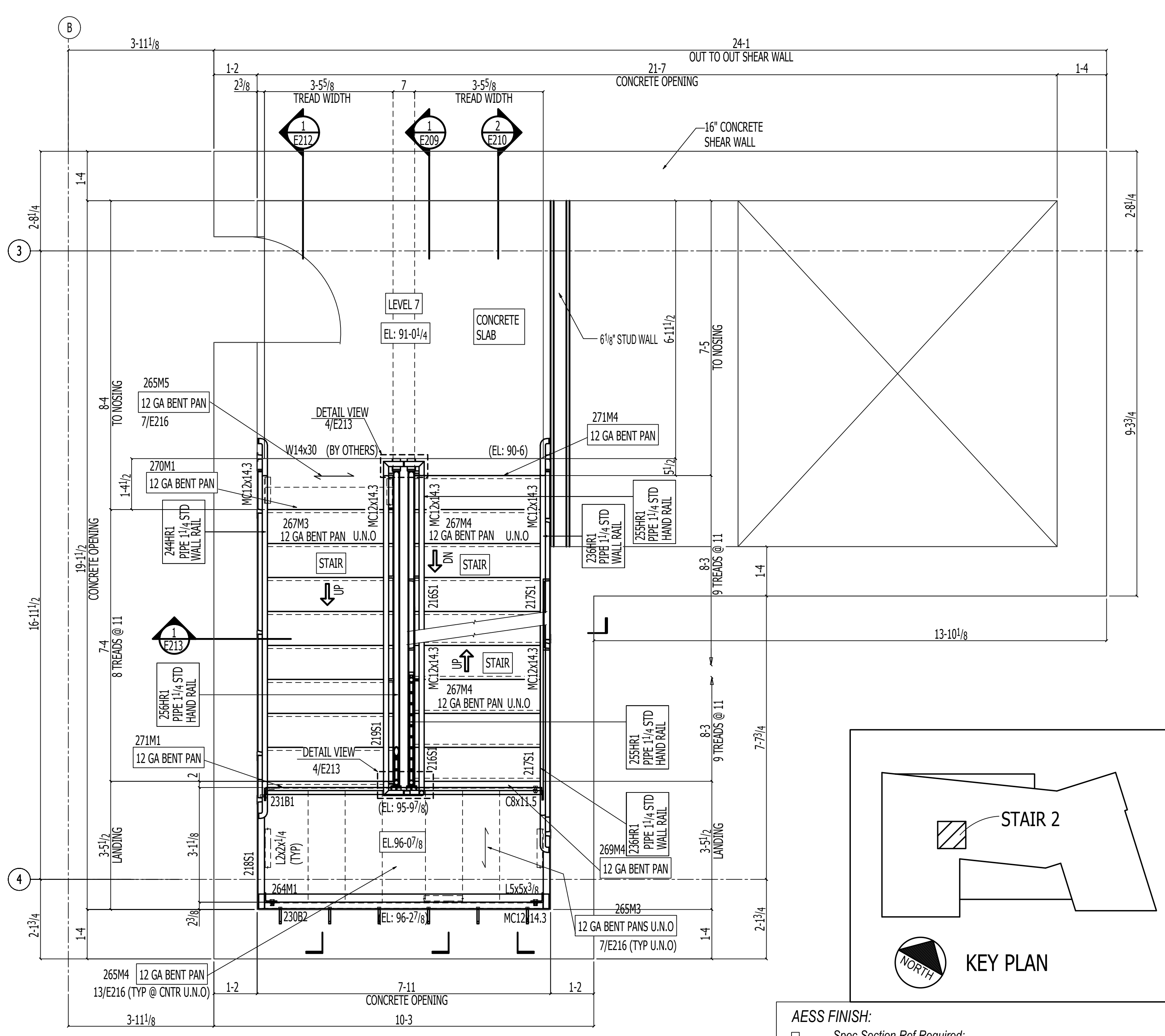
PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	SHAPES A36 DRAWN BY PKM DATE 08-16-2022
	PIPE A53 GR B CHECKED BY ALN DATE 08-16-2022
	TUBING: ASTM A300 GR B JOB NO. 22-0012-5002 REV#
WELDING U.N.	E70XX DWG NO. E203
	E70XX-LH FOR ASTM A572-50

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



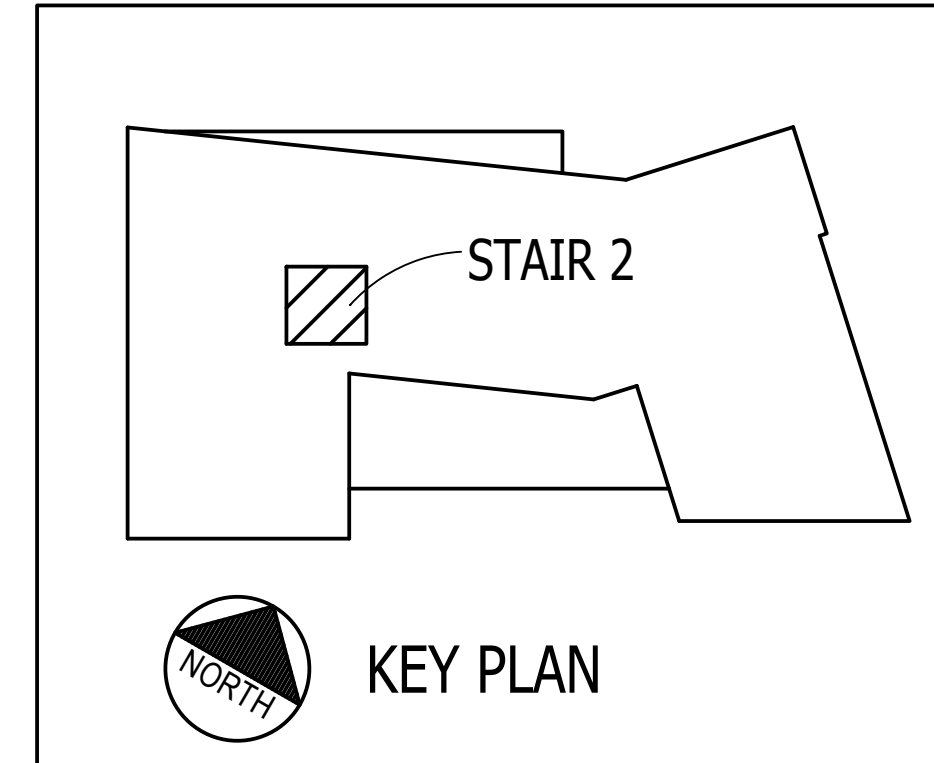
STAIR#2 LEVEL 6 FLOOR PLAN

REFER DWG 31/A6.13
 NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O



STAIR#2 LEVEL 7 FLOOR PLAN

REFER DWG 31/A6.13
 NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O



REV.#	DATE	BY	REVISION
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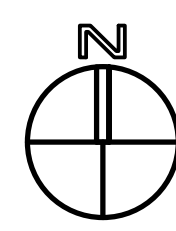
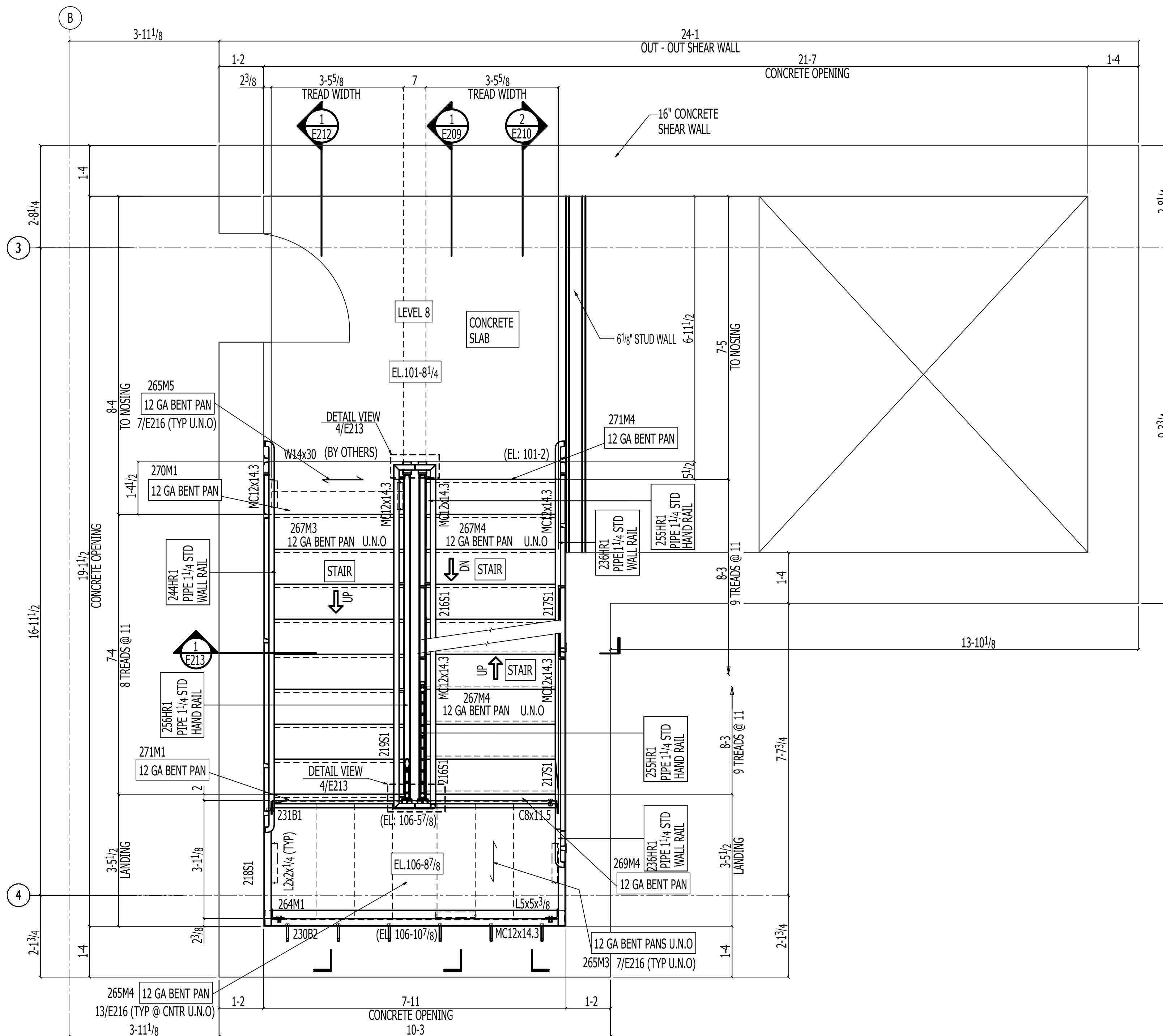
AESS FINISH:
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NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

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- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

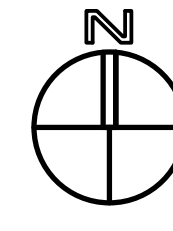
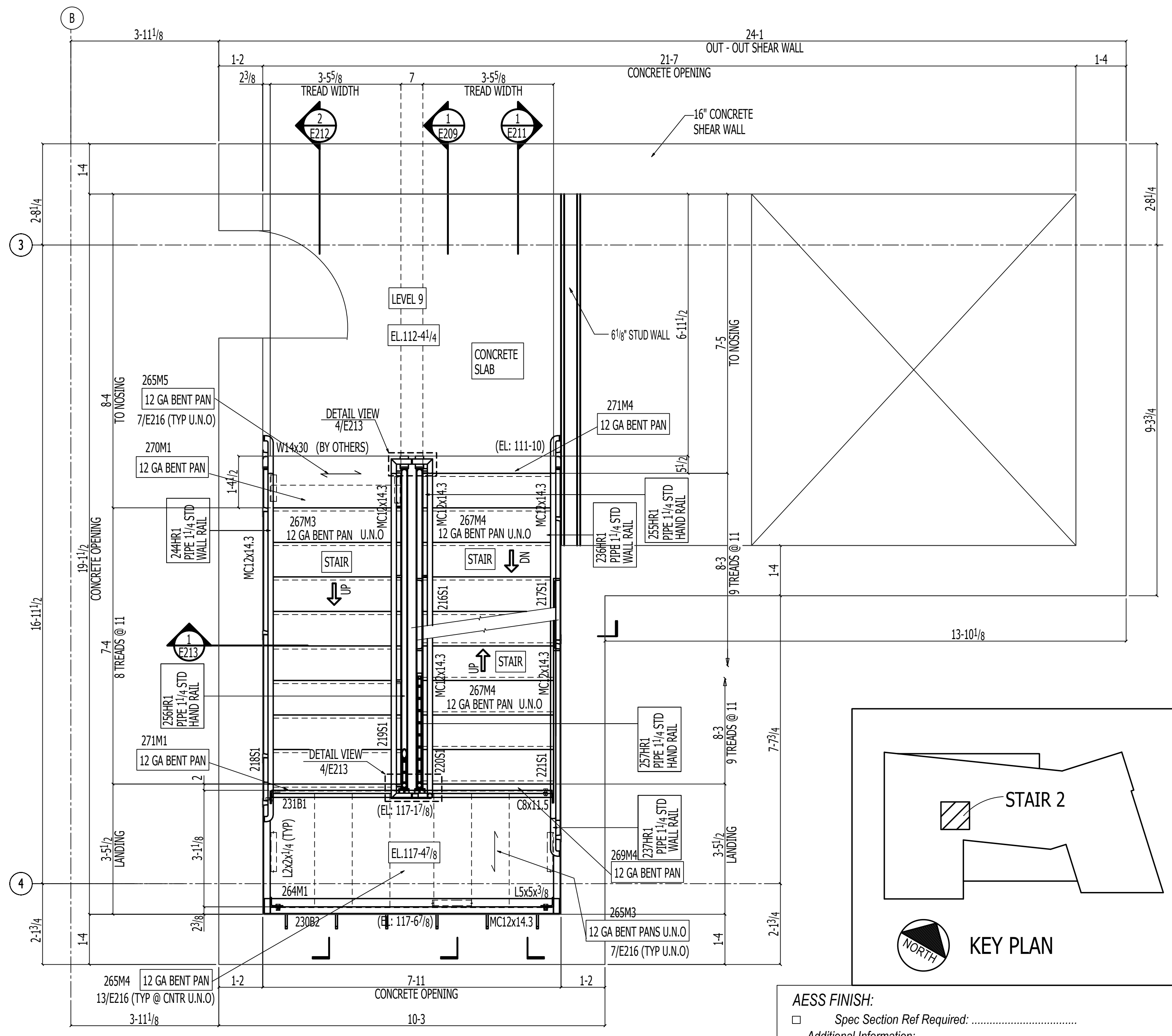
APC CERTIFIED FABRICATOR and ERECTOR
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 255 ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	SHAPES: A36 PIPE: A53 GR. B DRAWN BY: PKM DATE: 08-16-2022
	TUBING: ASTM A300 GR. B CHECKED BY: ALN DATE: 08-16-2022
WELDING U.N.	E70XX JOB NO. 22-0012-5002 REV #
	E70XX-LH FOR ASTM A572-50 DWG NO. E204



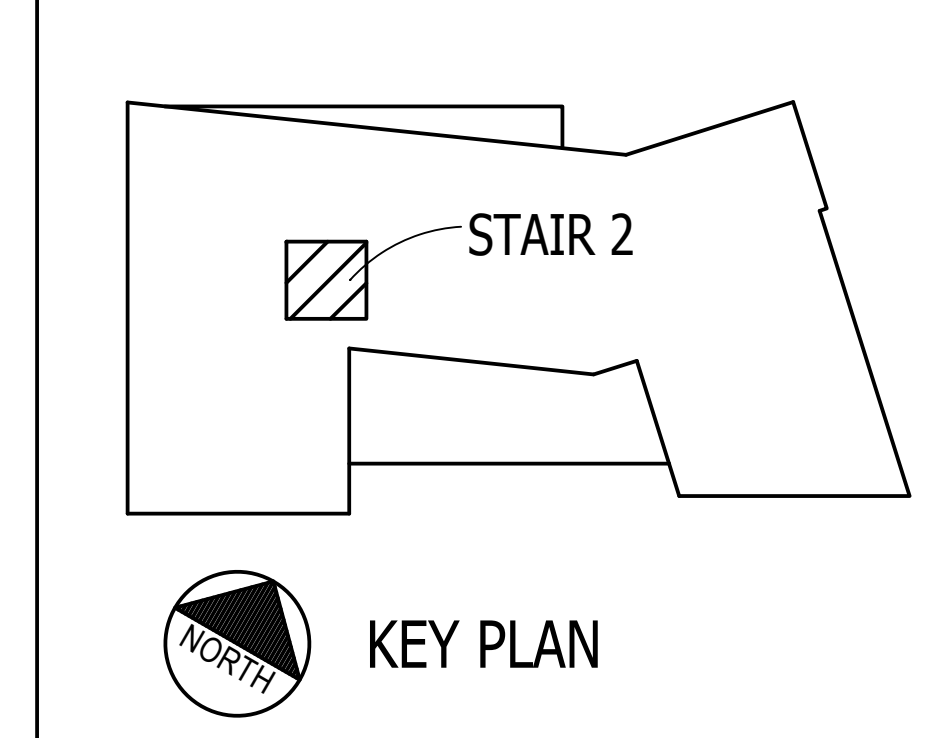
STAIR#2 LEVEL 8 FLOOR PLAN

REFER DWG 31/A6.13
 NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O.



STAIR#2 LEVEL 9 FLOOR PLAN

REFER DWG 31/A6.13
 NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O.



AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

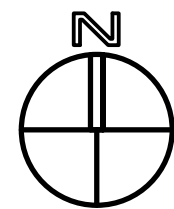
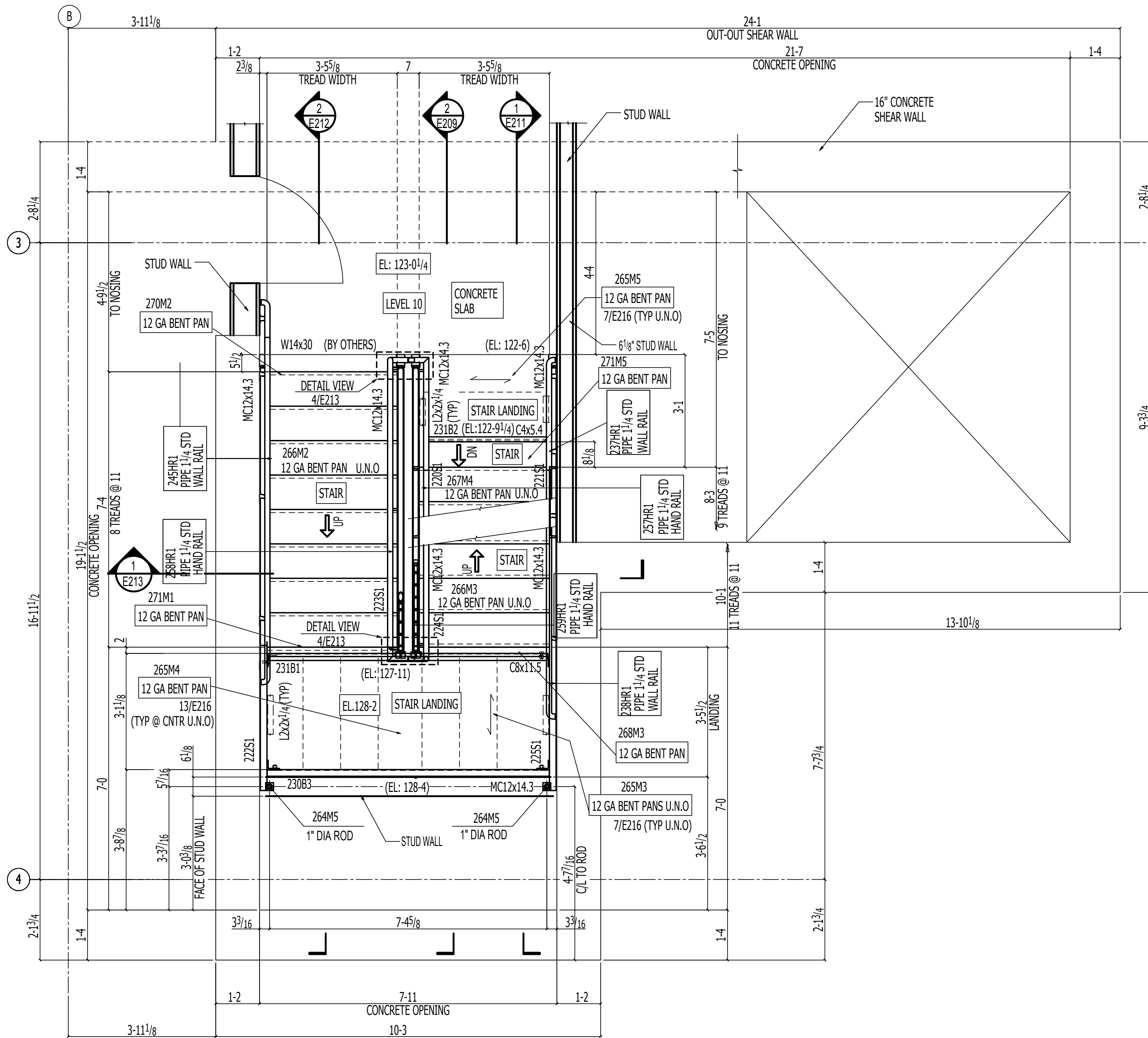
NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

	APPROVED CERTIFIED FABRICATOR AND ERECTOR	CAPCO STEEL ERECTION TEL: (401) 383-9388 - FAX: (401) 343-9051 E-MAIL: info@capcoerectors.com 255 ACORN STREET PROVIDENCE, RI 02903
	PROJECT: WHITTIER CHOICE-PHASE 3 ITEM: STAIR#2	

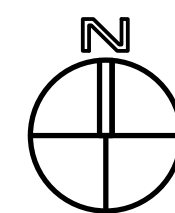
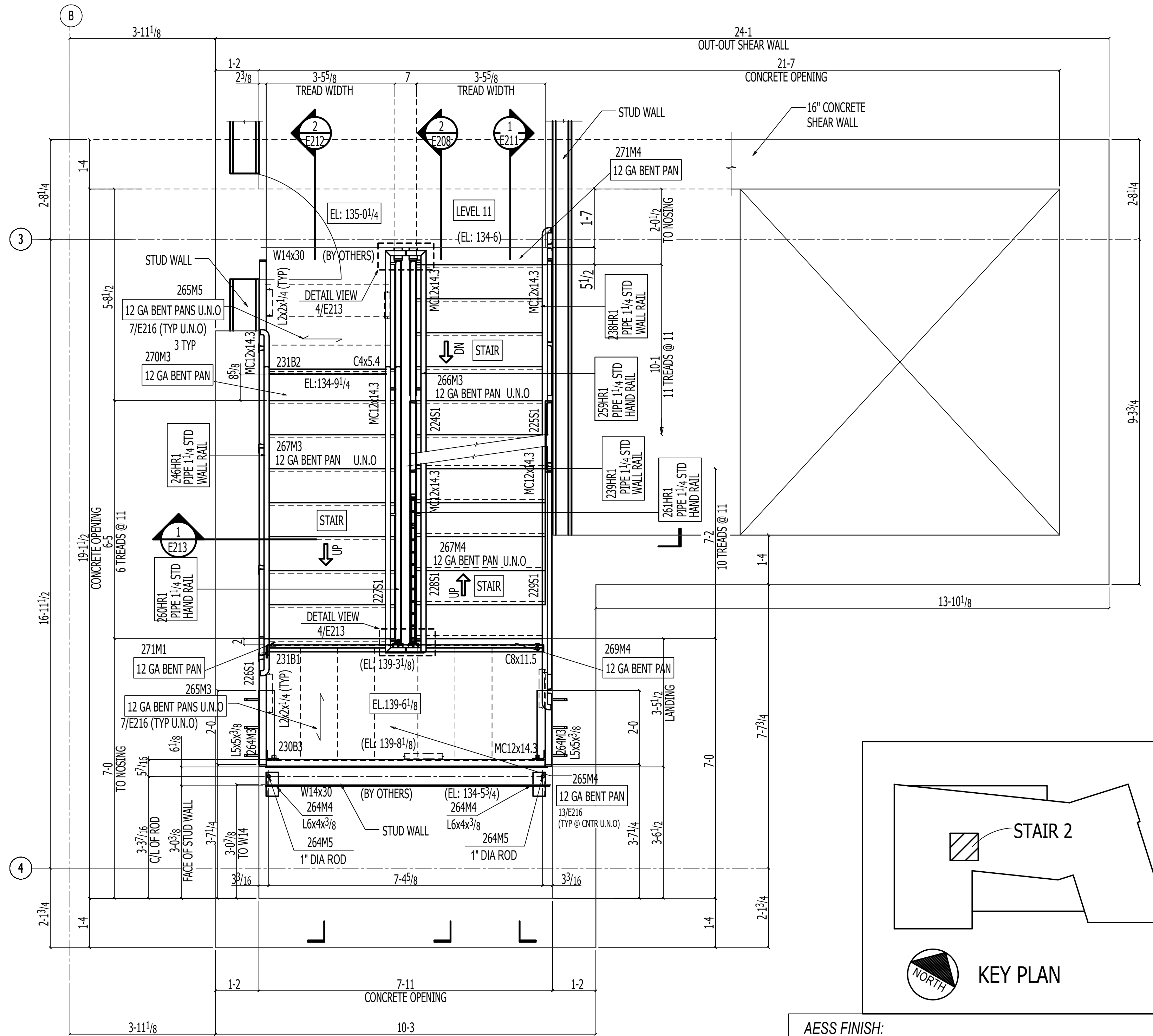
CUSTOMER: DIMEO CONSTRUCTION CO.		DATE: 08-16-2022	
SURF. PREP: SSPC-SP3	FINISH: FAST DRY 4190 GRAY	WELD: E70XX	
MATERIAL: AS NOTED	HOLES: 13/16" U.N.O.	DRAWN BY: PKM	DATE: 08-16-2022
SHAPES: AS NOTED	PIPE: AS GR.B.	CHECKED BY: ALN	DATE: 08-16-2022
TUBING: ASTM A300 GR.B		JOB NO.: 22-0012-5002	REV #
WELDING U.N. E70XX		DWG NO.: E205	A
E70XX-LH FOR ASTM A572-50			

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



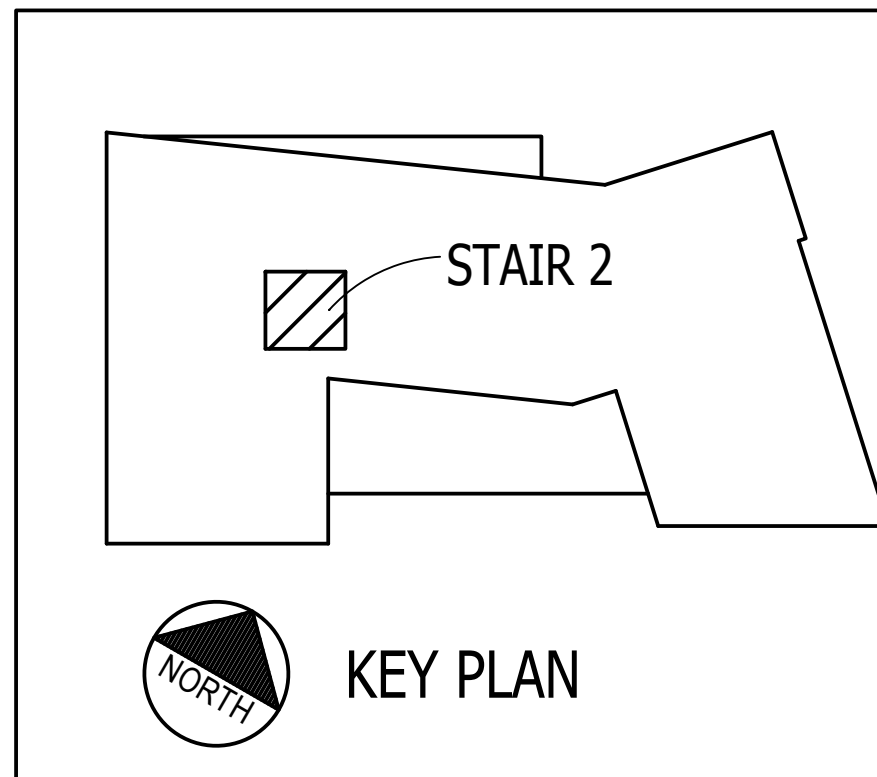
STAIR#2 LEVEL 10 FLOOR PLAN

REFER DWG 10/A6.14
 NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O



STAIR#2 LEVEL 11 FLOOR PLAN

REFER DWG 20/A6.14
 NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O



AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

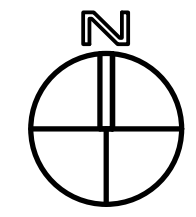
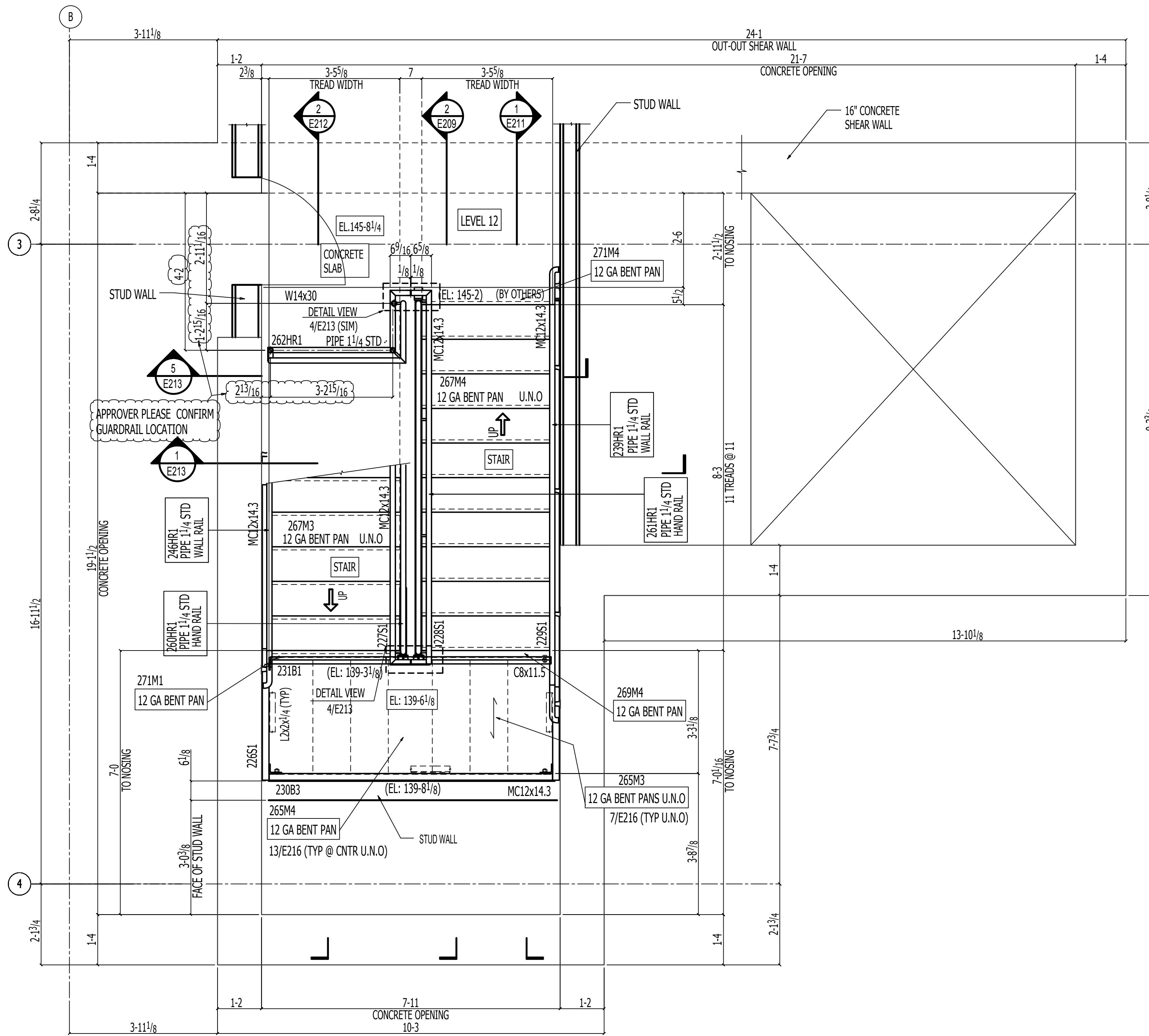
- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 255 ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3		
ITEM:	STAIR#2		
CUSTOMER:	DIMEO CONSTRUCTION CO.		
SURF. PREP:	SSPC-SP3	FINISH: FAST DRY 4190 GRAY	2.0 MILS DRY
MATERIAL:	AS NOTED	HOLES: 13/16" U.N.O	WELD: E70XX
MATERIAL U.N.	SHAPES A36	DRAWN BY	PKM DATE 08-16-2022
	PIPE A53 GR B	CHECKED BY	ALN DATE 08-16-2022
WELDING U.N.	TUBING: ASTM A300 GR B	JOB NO.	22-0012-5002
	E70XX	DWG NO.	E206
			REV #
			A

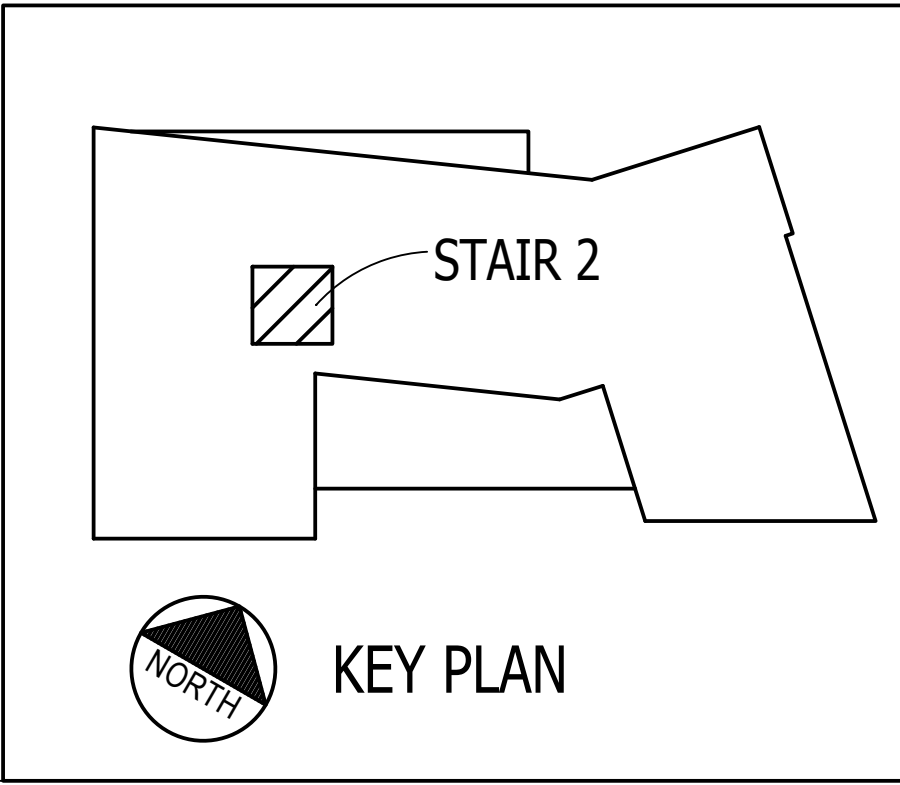
REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



STAIR #2 LEVEL 12 FLOOR PLAN

REFER DWG 30/A6.14

- NOTES:
 1) T.O. CONCRETE SLAB ELEV = SEE PLAN
 2) ALL BOLTED CONN 3/4" Dia A325N U.N.O



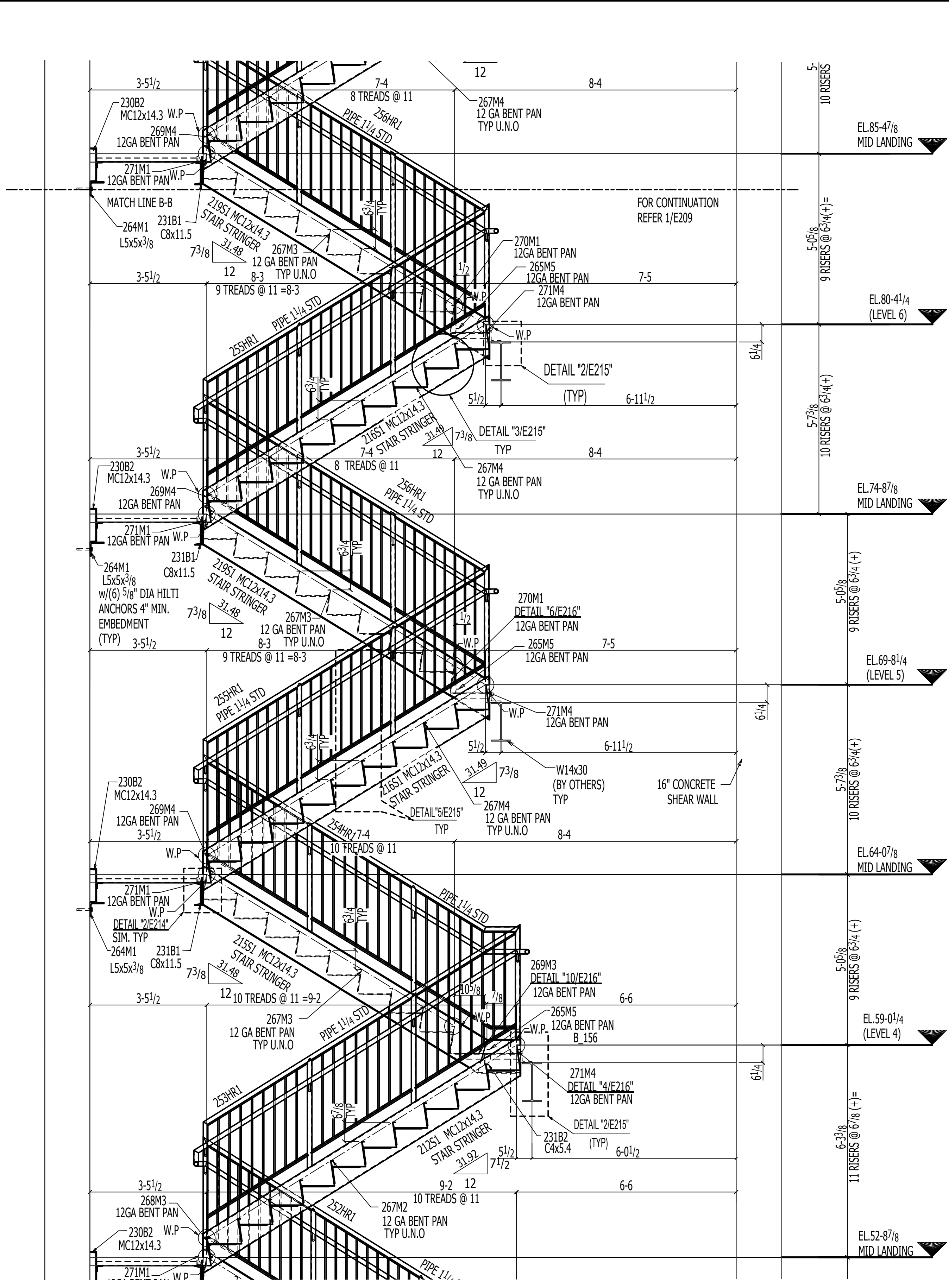
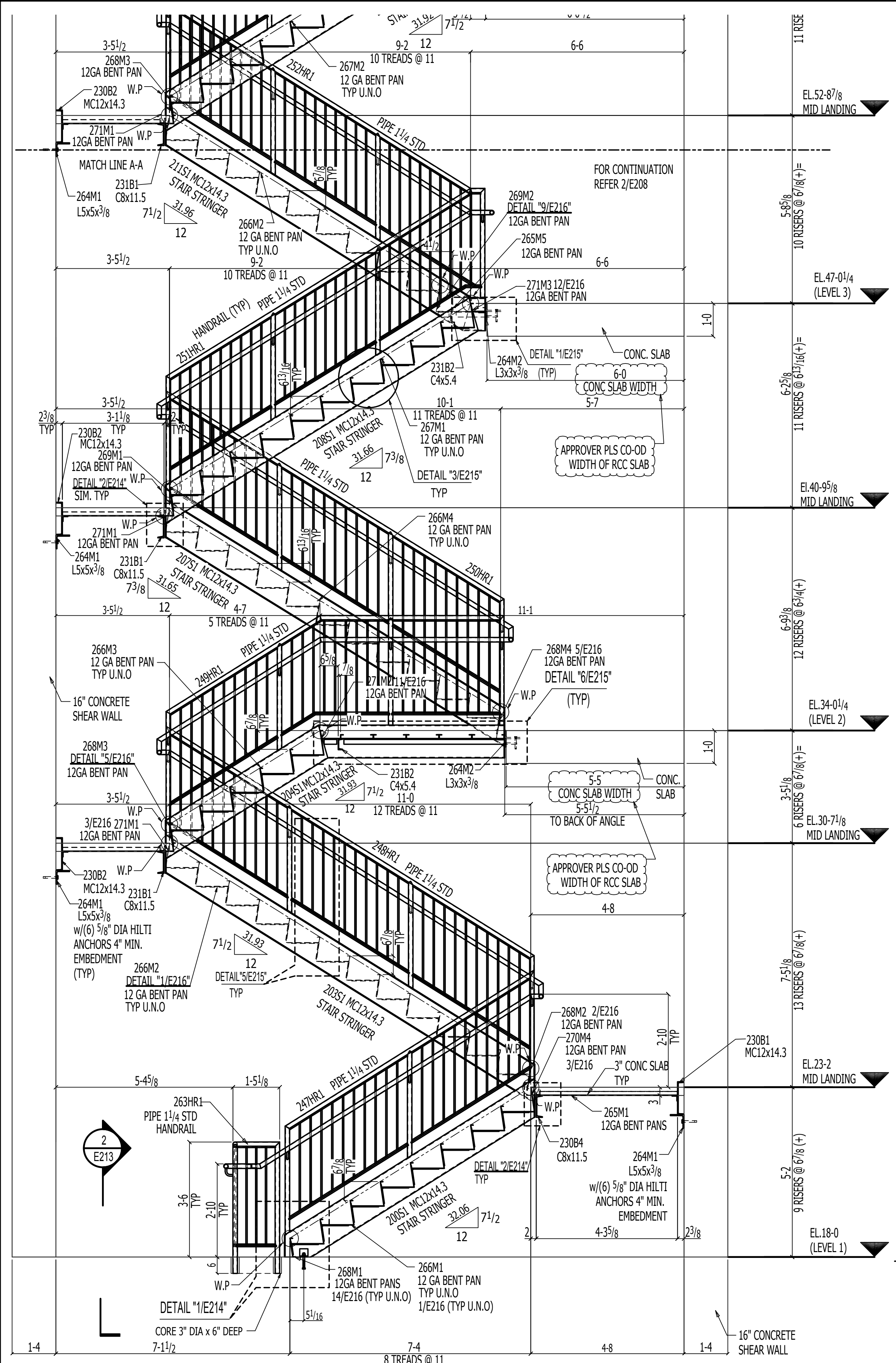
AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
 Finish #0 - No Visible Weld
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	ASCE CERTIFIED FABRICATOR AND ERECTOR	CAPCO STEEL ERECTION TEL: (401) 383-9388 - FAX: (401) 343-9051 E-MAIL: info@capcoerectors.com 25C ACORN STREET PROVIDENCE, RI 02903
	PROJECT: WHITTIER CHOICE-PHASE 3 ITEM: STAIR#2 CUSTOMER: DIMEO CONSTRUCTION CO.	

SURF. PREP:	SSPC-SP3	FINISH:	FAST DRY 4190 GRAY	WELD:	E70XX
MATERIAL:	AS NOTED	HOLES:	13/16" U.N.O	DRAWN BY:	PKM
MATERIAL U.N.	SHAPES A36 PIPE A53 GR B	TUBING:	ASTM A300 GR B	CHECKED BY:	ALN
WELDING U.N.	E70XX E70XX-LH FOR ASTM A572-50	JOB NO.:	22-0012-5002	DATE:	08-16-2022
REV.#	DATE	BY	REVISION	DWG NO.:	E207

10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY



1
E208 SECTION VIEW
(REF. SECTION 20/A6.16)

2
E208 SECTION VIEW
(REF. SECTION 20/E208)

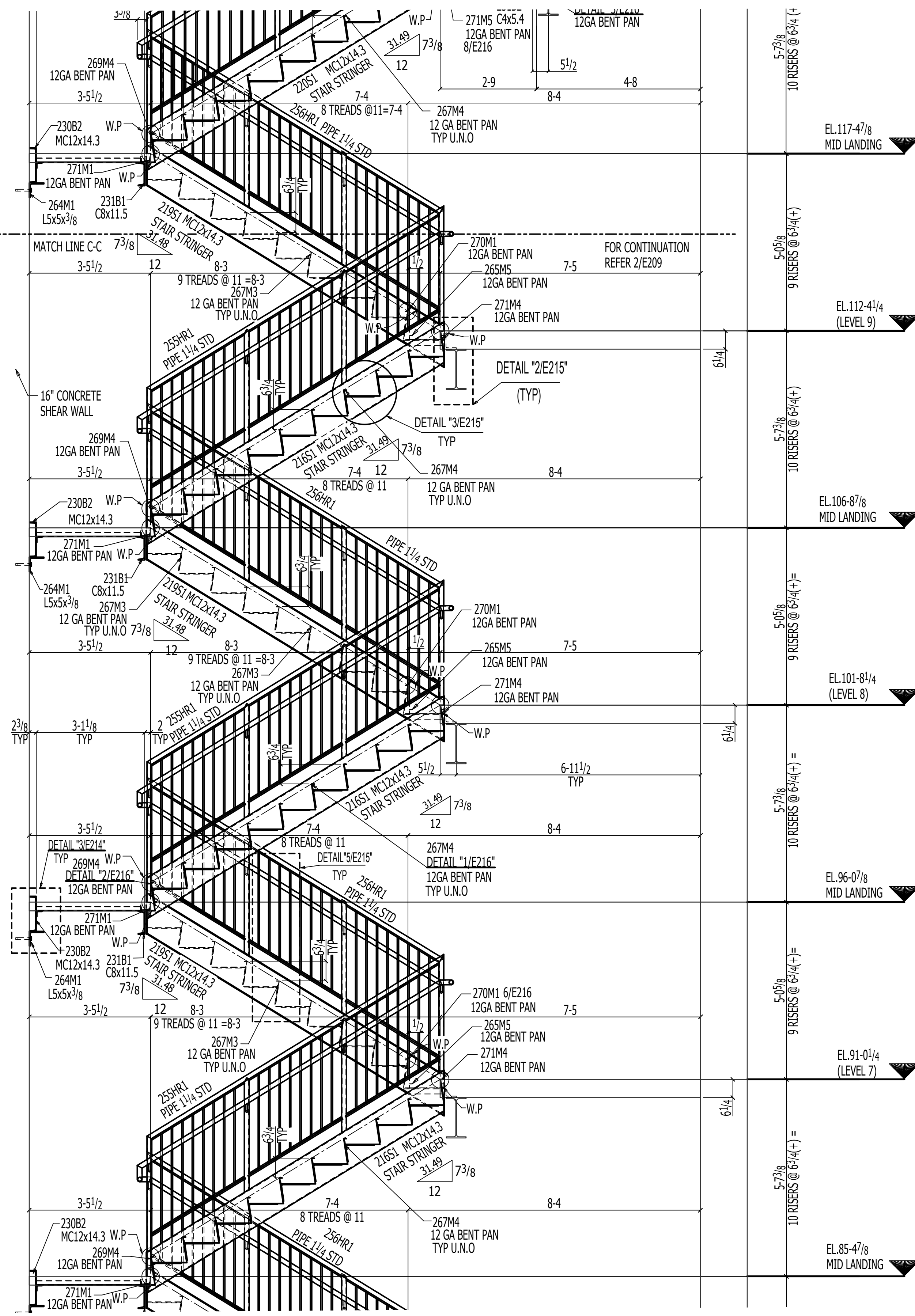
AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
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APCO STEEL ERECTION
 CERTIFIED FABRICATOR AND ERECTOR
 255 ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3		
ITEM:	STAIR#2		
CUSTOMER:	DIMEO CONSTRUCTION CO.		
SURF. PREP:	SSPC-SP3	FINISH:	FAST DRY 4190 GRAY
MATERIAL:	AS NOTED	HOLES:	13/16" U.N.O
MATERIAL U.N.	SHAPES: A36	DRAWN BY:	PKM
	PIPE: A53 GR.B	CHECKED BY:	ALN
	TUBING: ASTM A300 GR.B	JOB NO.:	22-0012-5002
WELDING U.N.	E70XX	DWG NO.:	E208
	E70XX-LH FOR ASTM A572-50	DATE:	08-16-2022
		REVISION:	

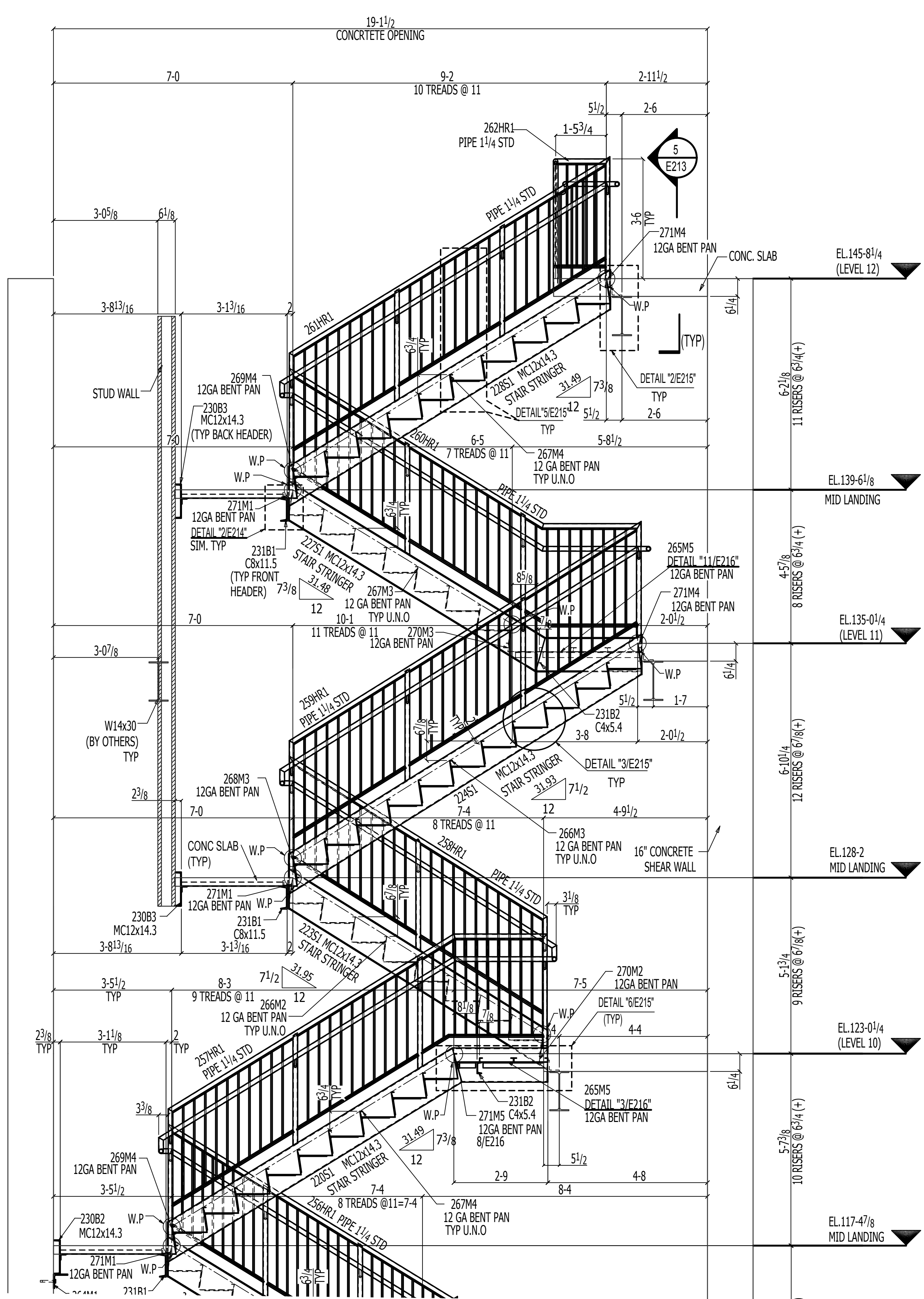
10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY
		REVISION



MATCH LINE B-B

FOR CONTINUATION
REFER 2/E208

1
SECTION VIEW
E209 (REF. SECTION 20/E208)



MATCH LINE C-C

FOR CONTINUATION
REFER 1/E209

2
SECTION VIEW
E209 (REF. SECTION 20/E208)

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

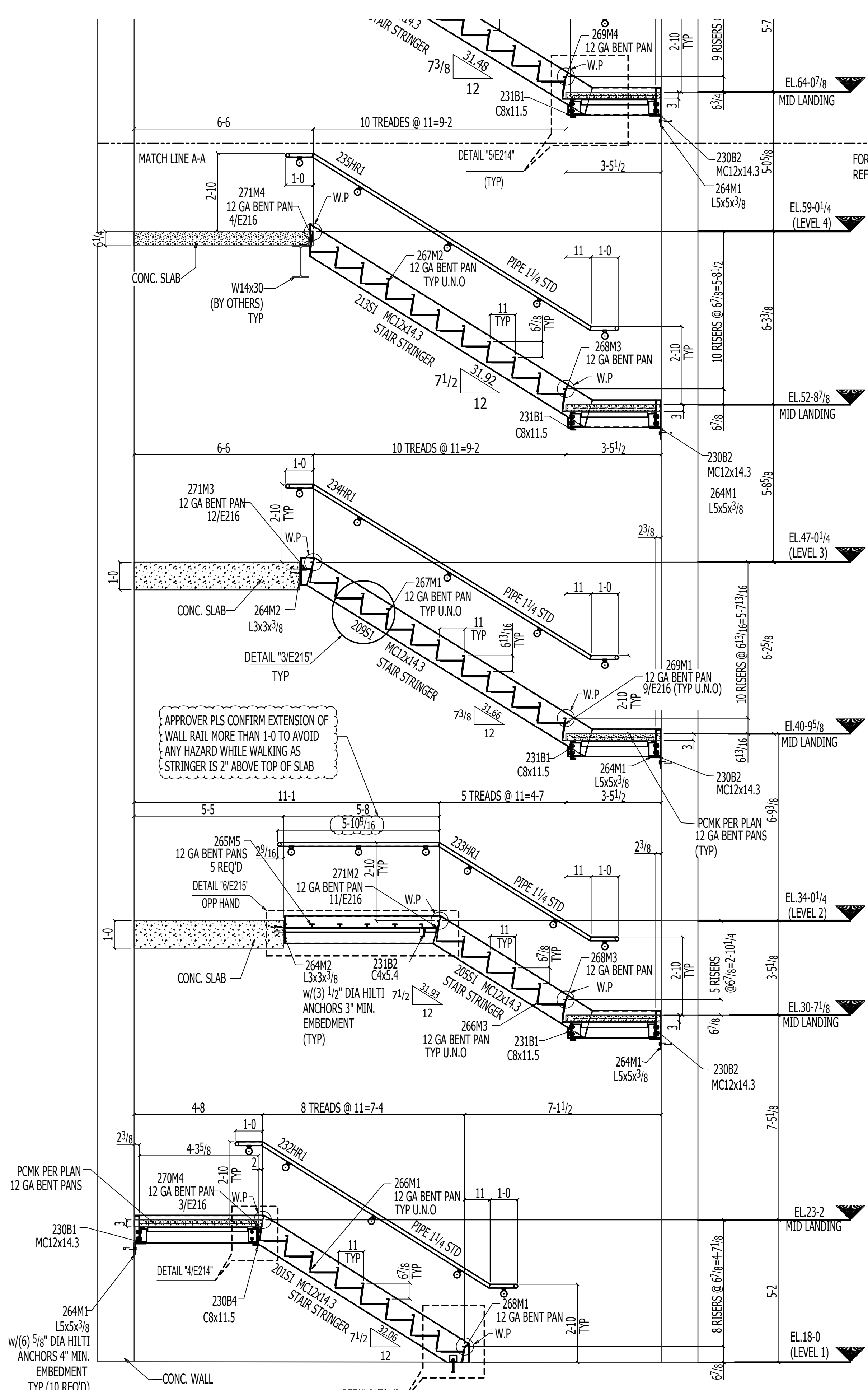
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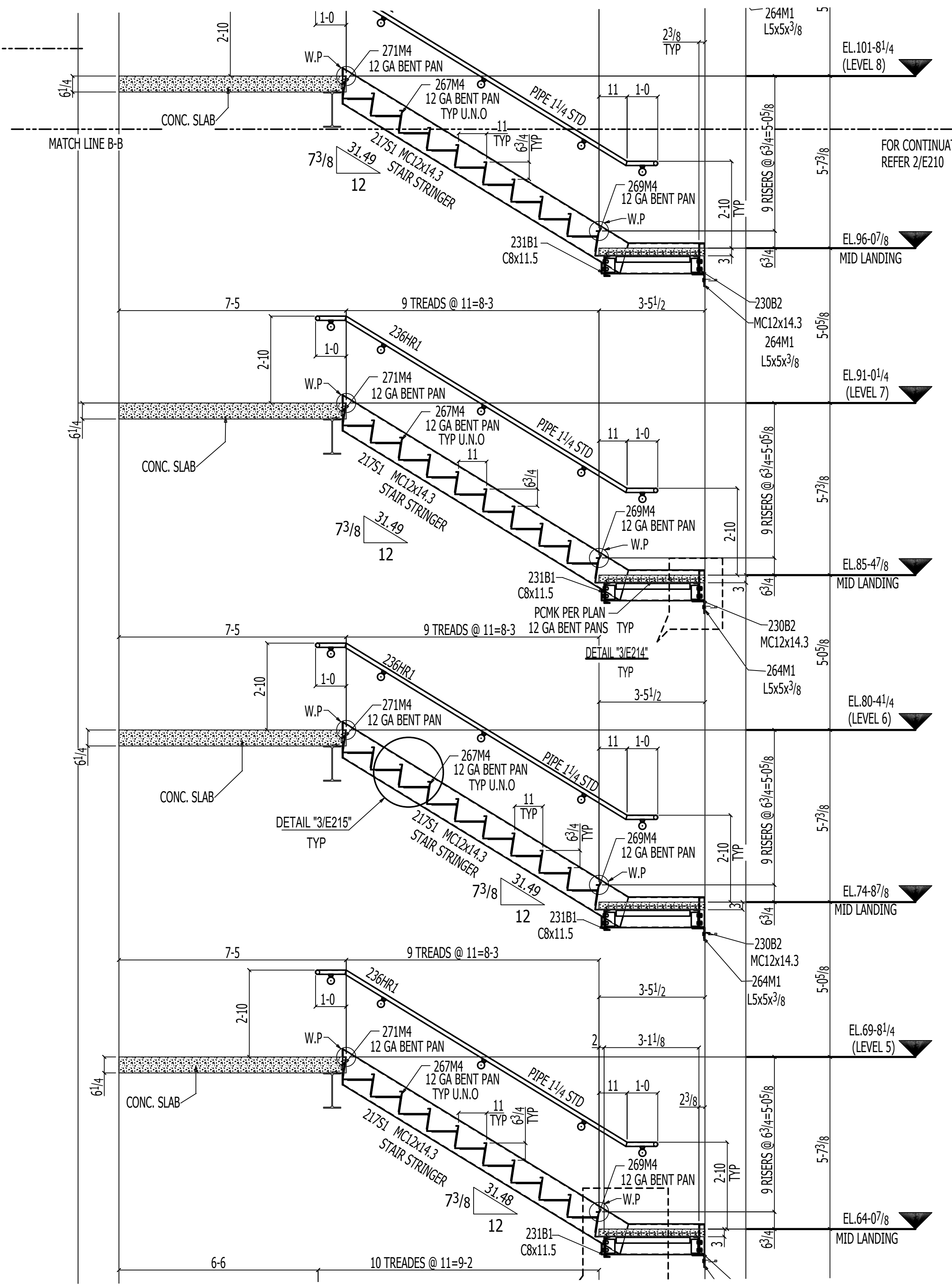
		CAPCO STEEL ERECTION TEL: (401) 383-9388 - FAX: (401) 343-9051 E-MAIL: info@capcoerection.com 255 ACORN STREET PROVIDENCE, RI 02903
	PROJECT: WHITTIER CHOICE-PHASE 3 ITEM: STAIR#2	CUSTOMER: DIMEO CONSTRUCTION CO. SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

MATERIAL U.N.	SHAPES A36	PIPE A53 GR B	TUBING: ASTM A300 GR B	WELDING U.N.	DATE	REV #
AS NOTED	AS NOTED	AS NOTED	AS NOTED	E70XX	08-16-2022	
				E70XX-LH FOR ASTM A572-50	08-16-2022	
					22-0012-5002	
					DWG NO. E209	



1 SECTION VIEW
E210 (REF. SECTION 40/A6.18)



2 SECTION VIEW
E210 (REF. SECTION 20/E208)

APPROVER PLS CONFIRM EXTENSION OF WALL RAIL MORE THAN 1-0 TO AVOID ANY HAZARD WHILE WALKING AS STRINGER IS 2" ABOVE TOP OF SLAB

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

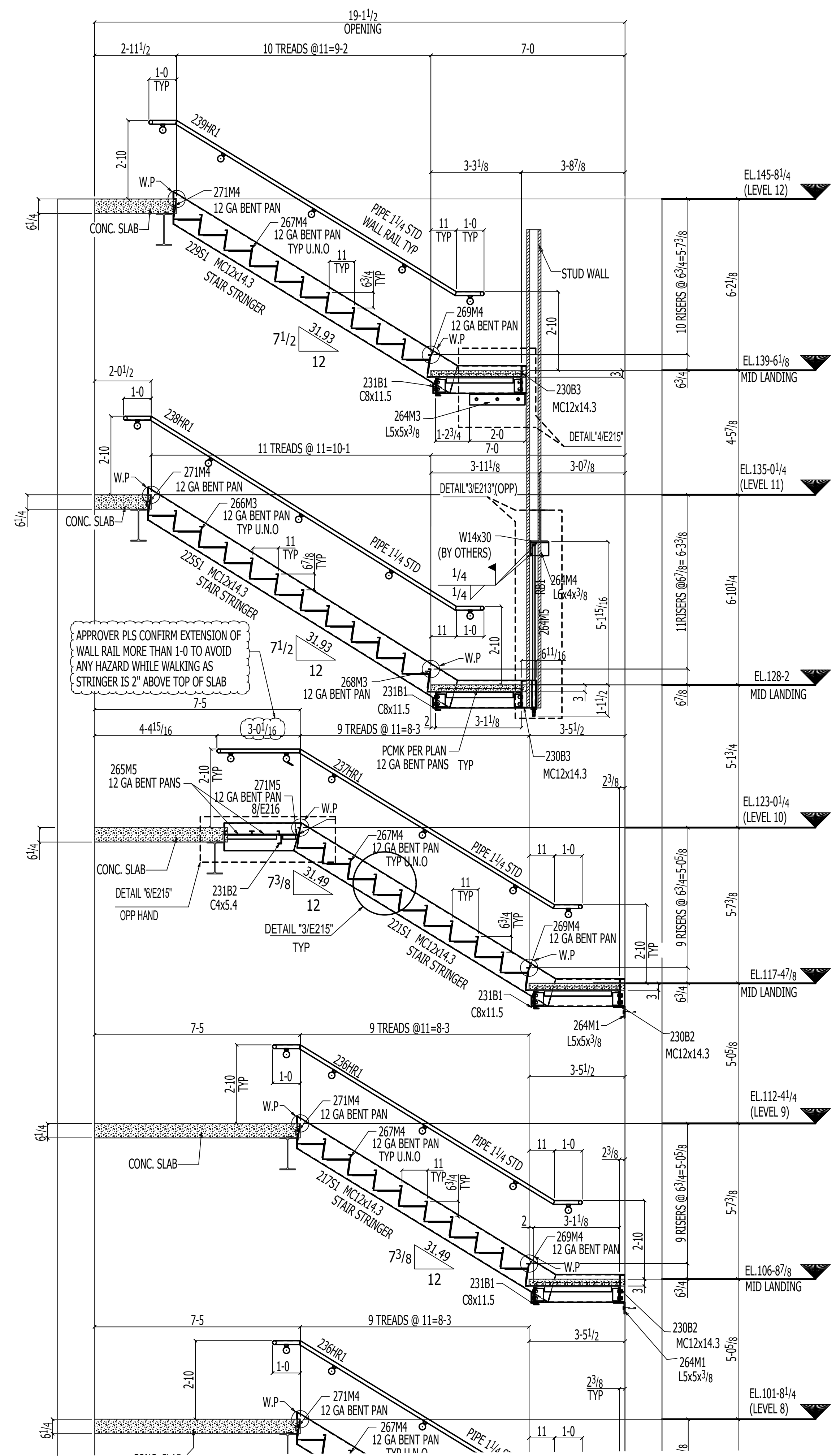
NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

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CAPCO STEEL ERECTION
 CERTIFIED FABRICATOR AND ERECTOR
 25C ACORN STREET
 PROVIDENCE, RI 02903

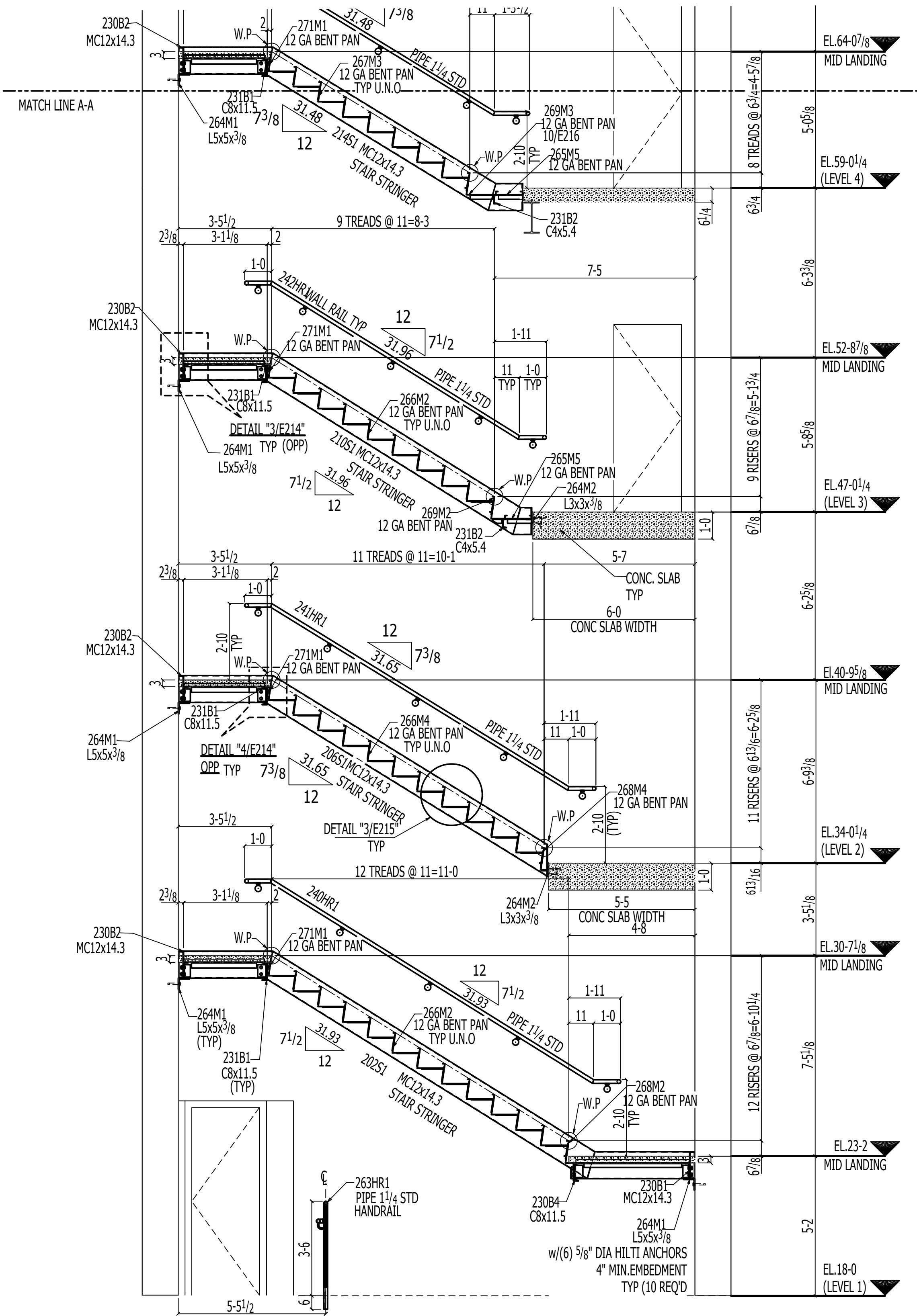
PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	SHAPES A36 PIPE A53 GR B DRAWN BY PKM DATE 08-16-2022
	TUBING: ASTM A300 GR B CHECKED BY ALN DATE 08-16-2022
WELDING U.N.	E70XX JOB NO. 22-0012-5002 REV #
	E70XX-LH FOR ASTM A572-50 DWG NO. E210

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



1
E211
SECTION VIEW
(REF. SECTION 20/E208)

FOR CONTINUATION
REFER 2/E210



2
E211
SECTION VIEW
(REF. SECTION 40/A6.18)

FOR CONTINUATION
REFER 1/E211

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

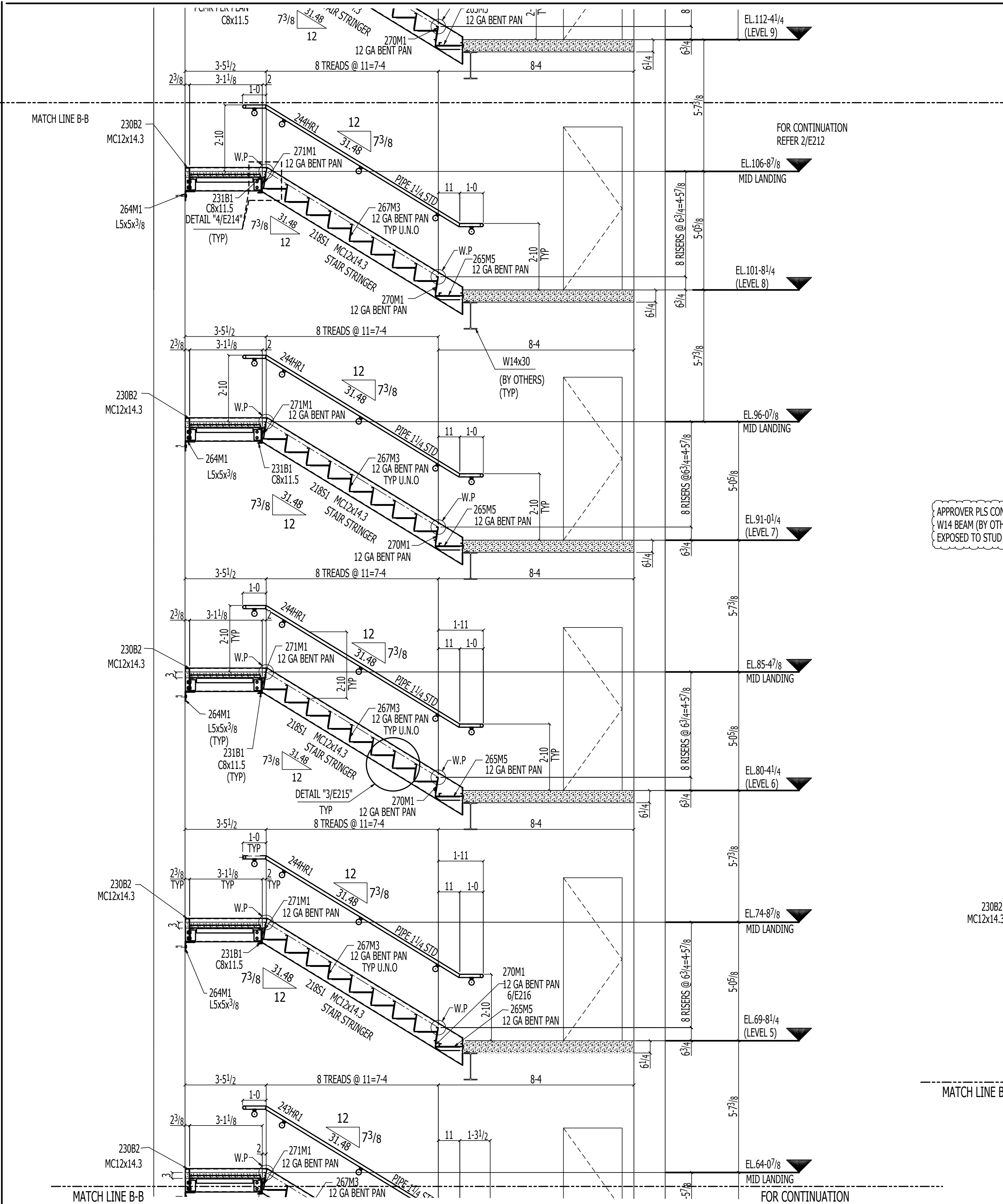
NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

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- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

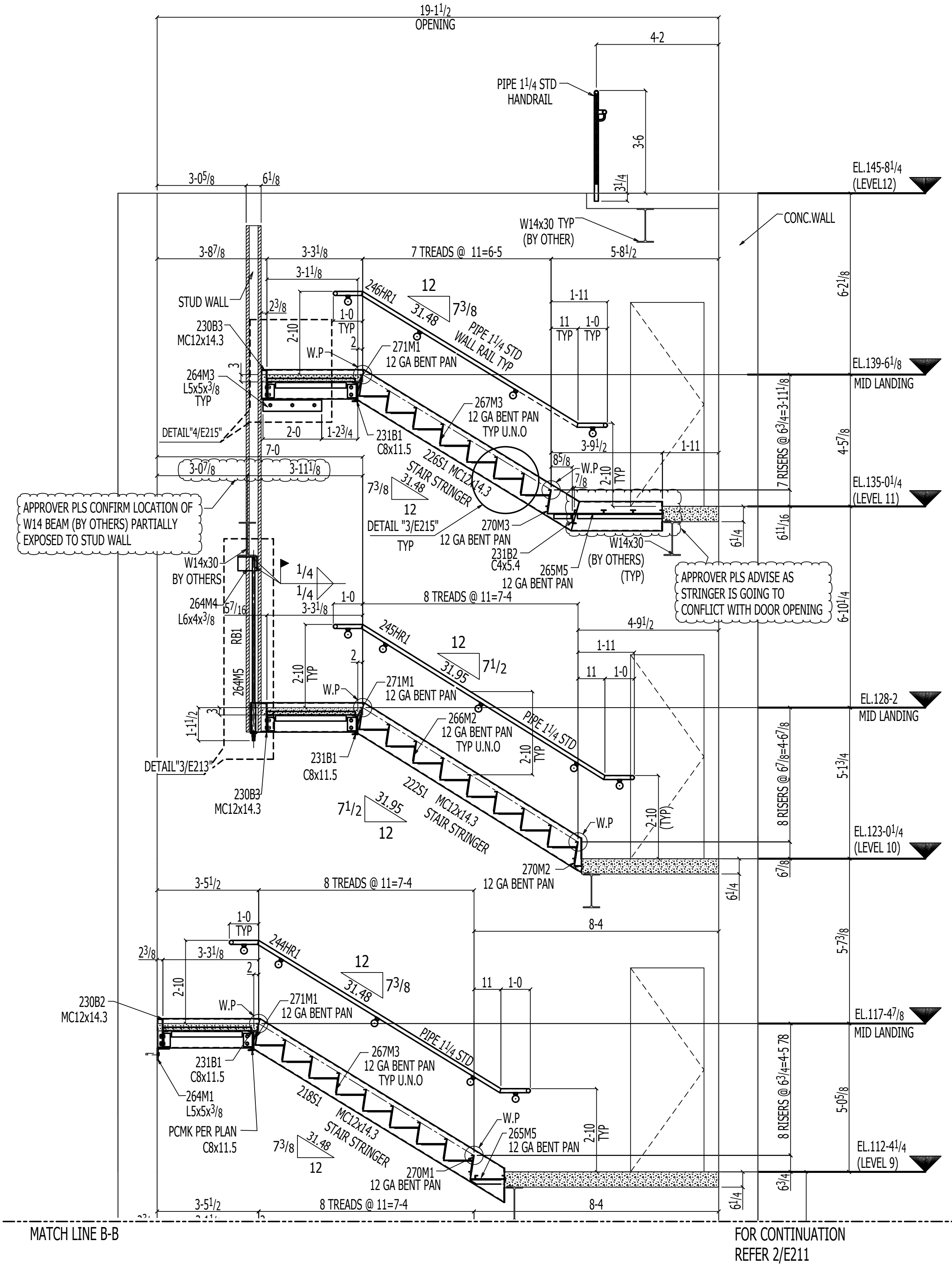
APSCO CERTIFIED FABRICATOR and ERECTOR
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3		
ITEM:	STAIR#2		
CUSTOMER:	DIMEO CONSTRUCTION CO.		
SURF. PREP:	SSPC-SP3	FINISH: FAST DRY 4190 GRAY	2.0 MILS DRY
MATERIAL:	AS NOTED	HOLES: 1/16" U.N.O.	WELD: E70XX
MATERIAL U.N.	SHAPES AS PER PIPE AS GR.B. TUBING: ASTM A400 GR.B	DRAWN BY: PKM	DATE: 08-16-2022
WELDING U.N.	E70XX E70XX-LH FOR ASTM A572-50	CHECKED BY: ALN	DATE: 08-16-2022
		JOB NO.: 22-0012-5002	REV #
		DWG NO.: E211	A

A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



1 SECTION VIEW
E212 (REF. SECTION 20/E208)



2 SECTION VIEW
E212 (REF. SECTION 20/E208)

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

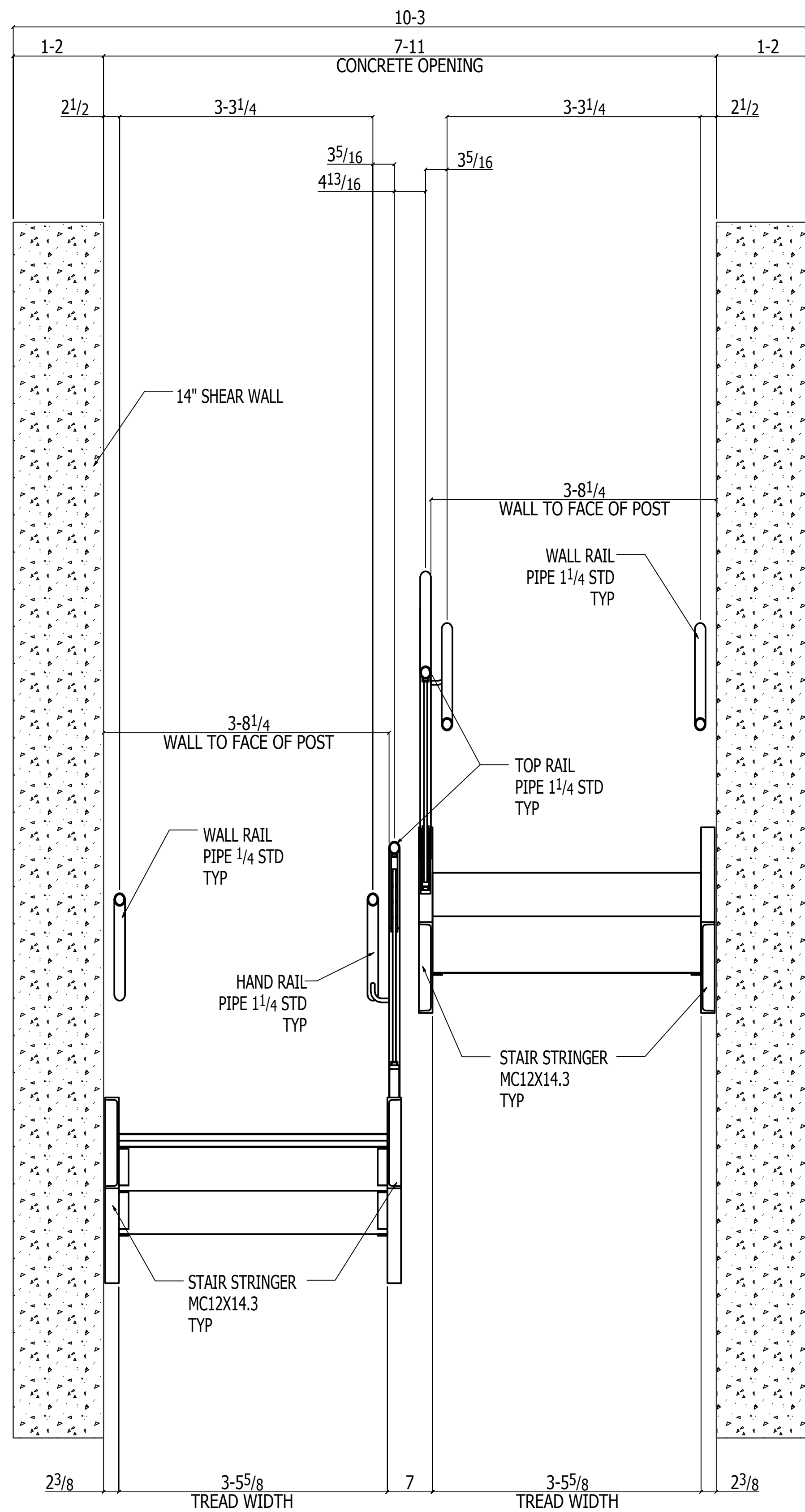
AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

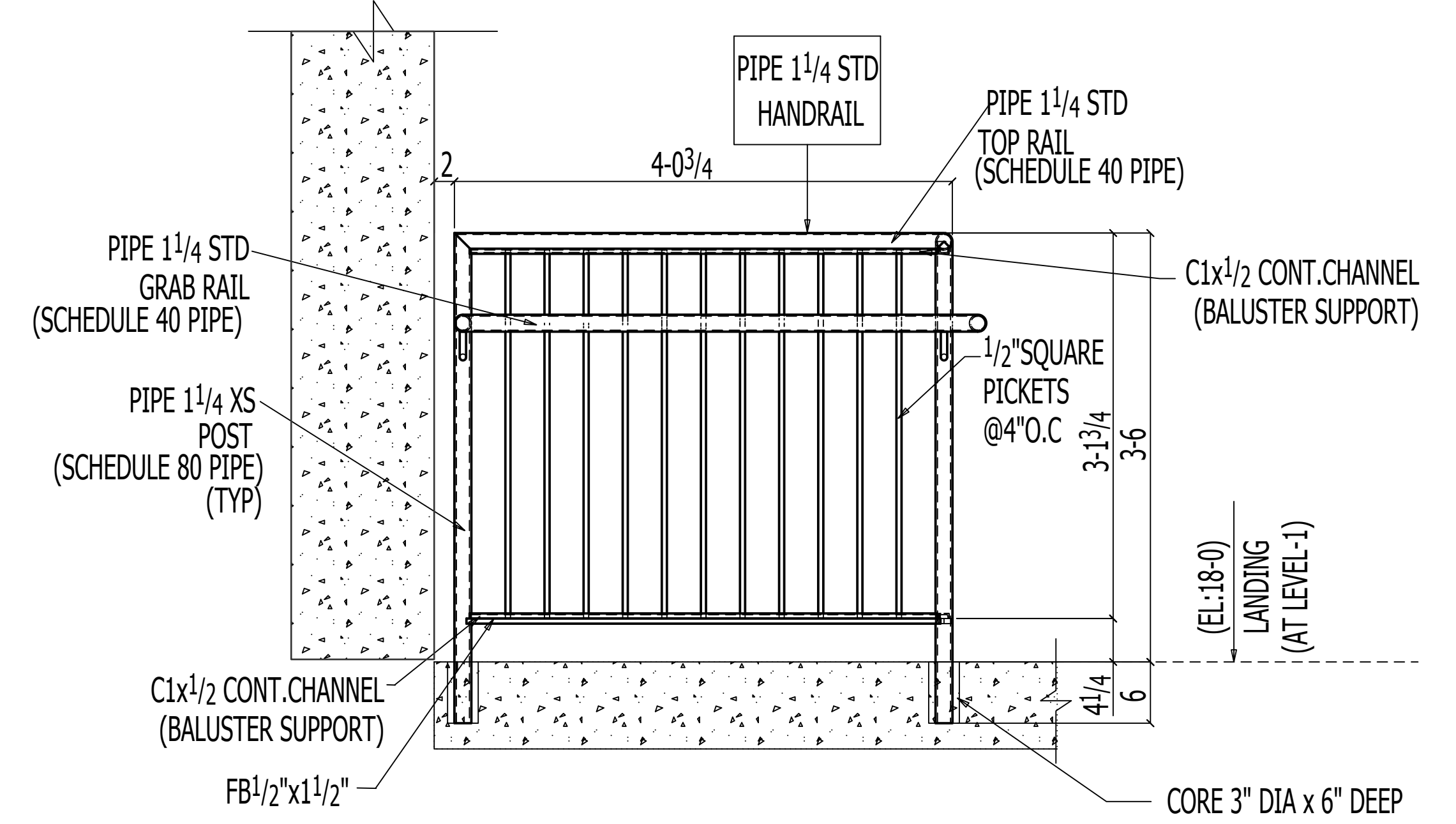
- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

 AISC CERTIFIED FABRICATOR AND ERECTOR	CAPCO STEEL ERECTION TEL: (401) 383-9388 - FAX: (401) 343-9051 E-MAIL: info@capcoerectors.com 25C ACORN STREET PROVIDENCE, RI 02903
---	--

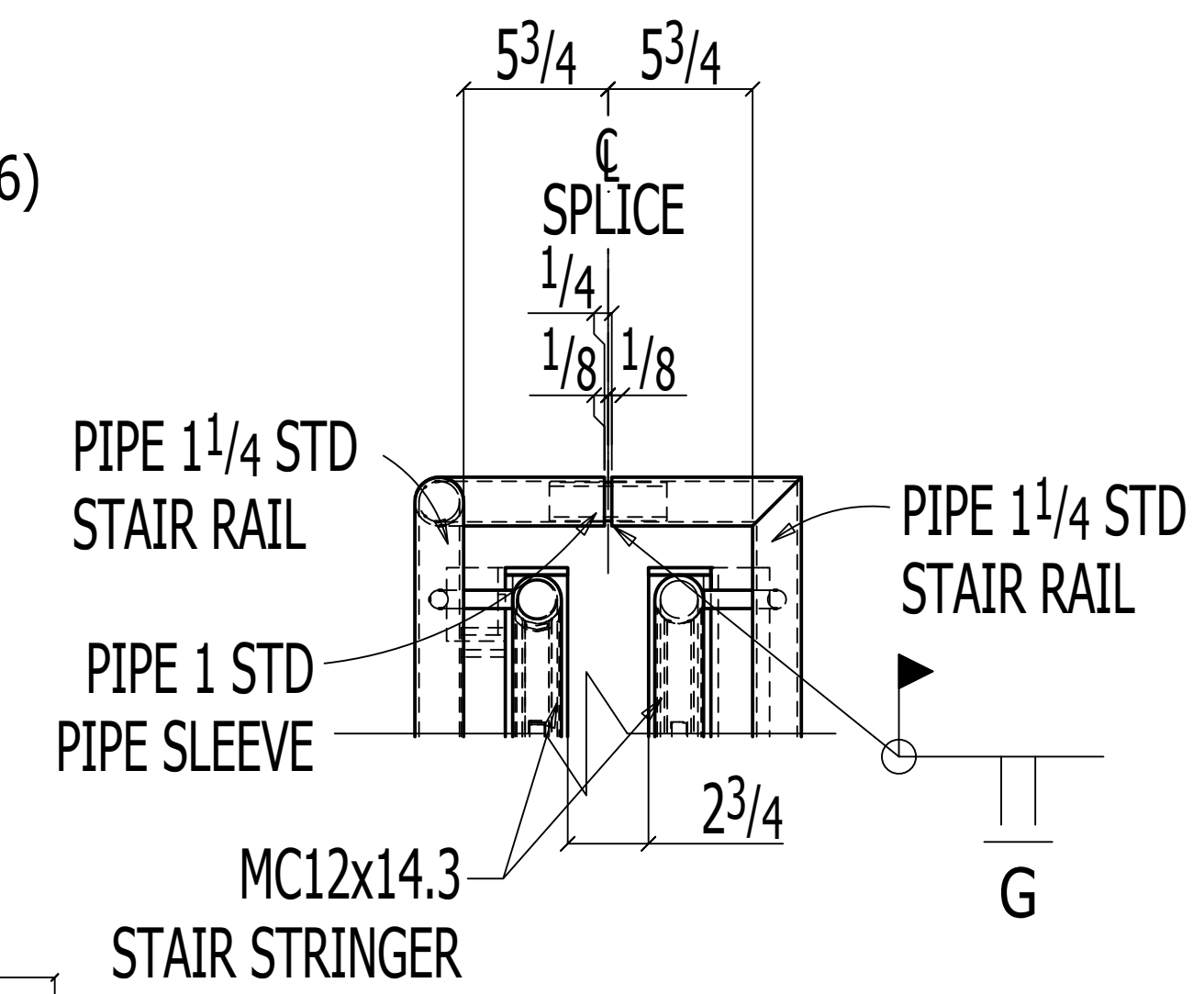
PROJECT:	WHITTIER CHOICE-PHASE 3		
ITEM:	STAIR#2		
CUSTOMER:	DIMEO CONSTRUCTION CO.		
SURF. PREP:	SSPC-SP3	FINISH:	FAST DRY 4190 GRAY
MATERIAL:	AS NOTED	HOLES:	13/16" PKM BY WELD E70XX
MATERIAL U.N.	SHAPES: A36 PIPE: A53 GR B TUBING: ASTM A300 GR B	PKM DATE:	08-16-2022
WELDING U.N.	E70XX E70XX-LH FOR ASTM A572-50	CHECKED BY:	ALN DATE: 08-16-2022
		JOB NO.:	22-0012-5002
		DWG NO.:	E212



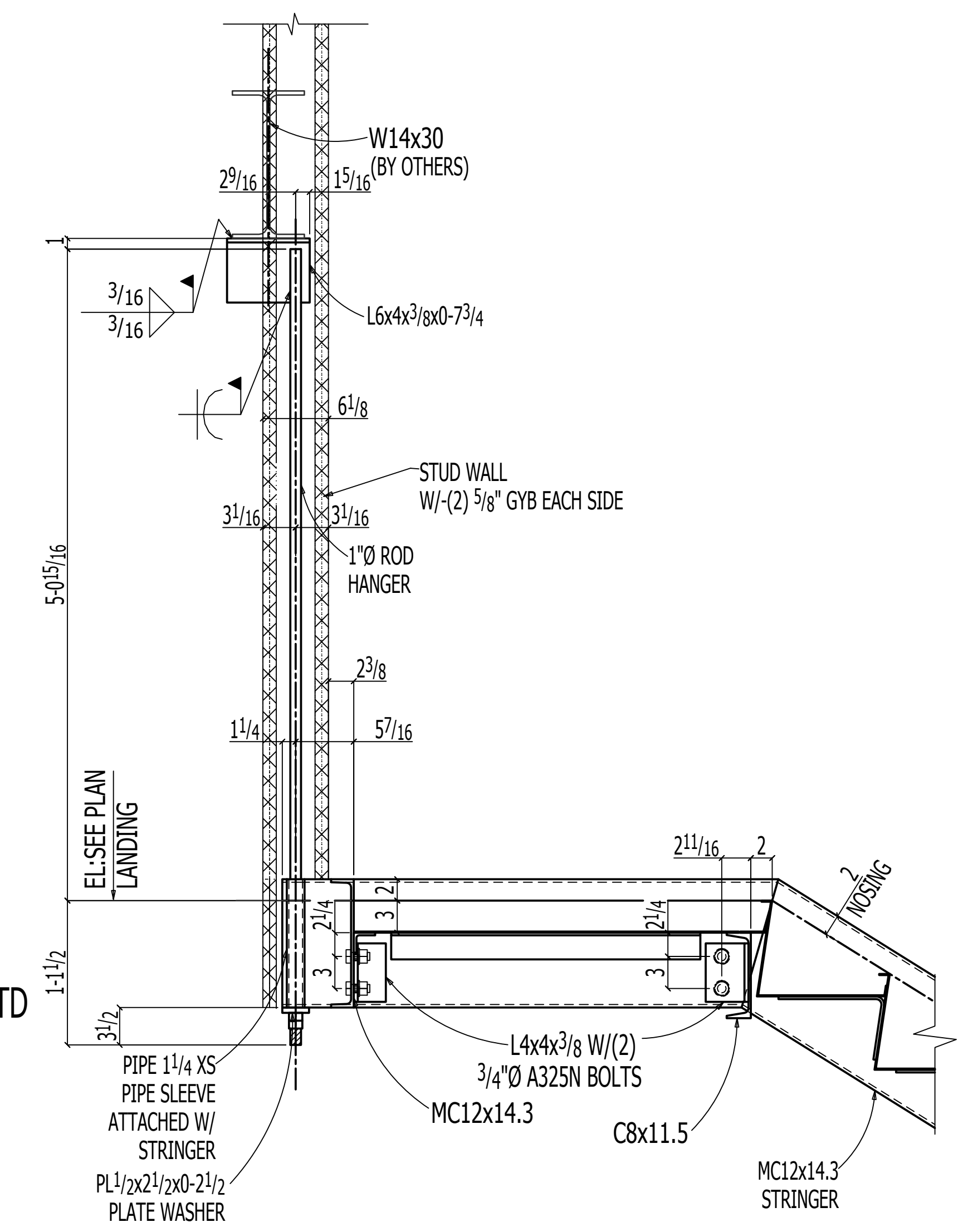
1 SECTION VIEW
E213



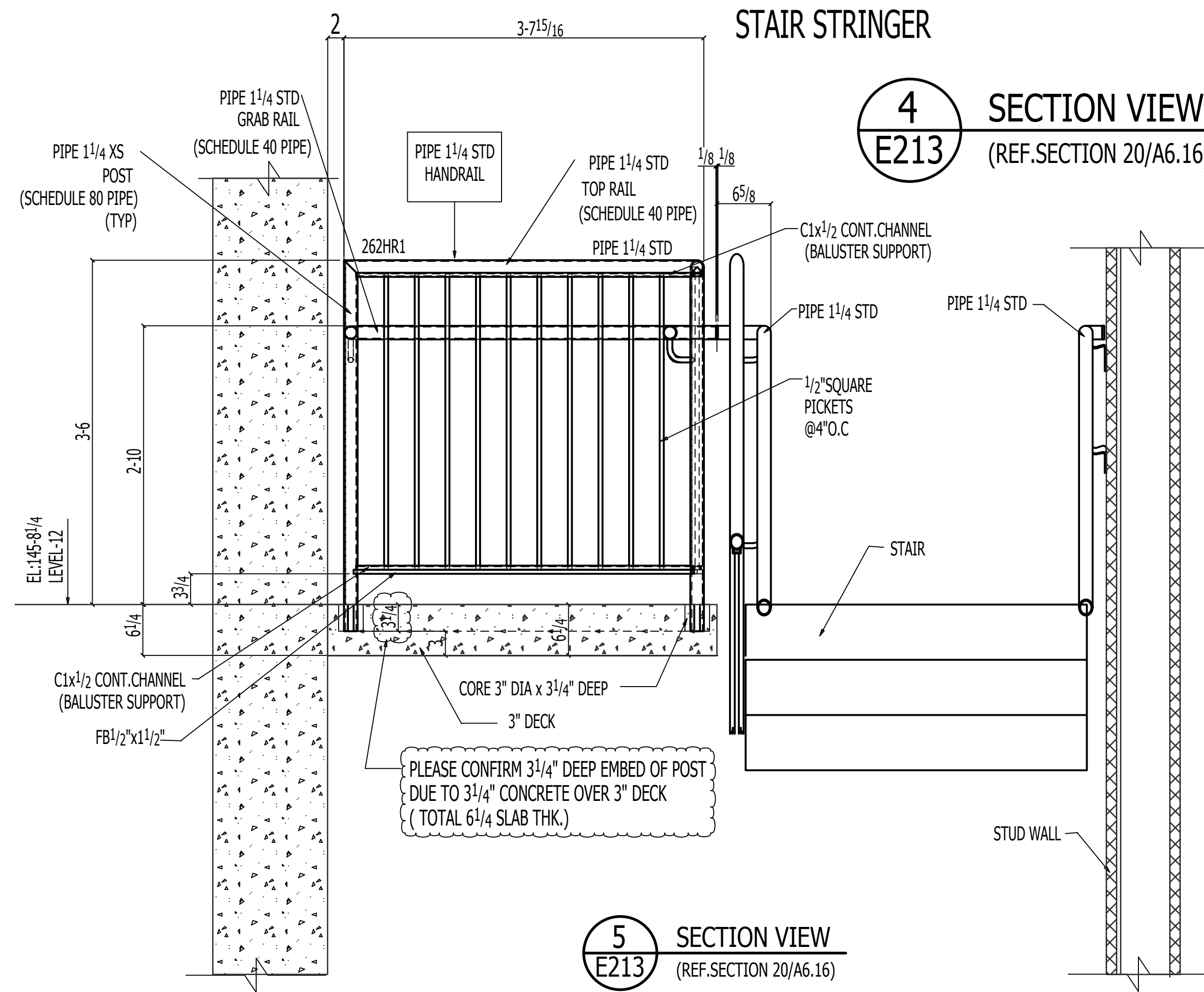
2 SECTION VIEW
E213 (REF. SECTION 20/A6.16)



3 SECTION VIEW
E213 (REF. SECTION 20/A6.16)



4 SECTION VIEW
E213



5 SECTION VIEW
E213 (REF. SECTION 20/A6.16)

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

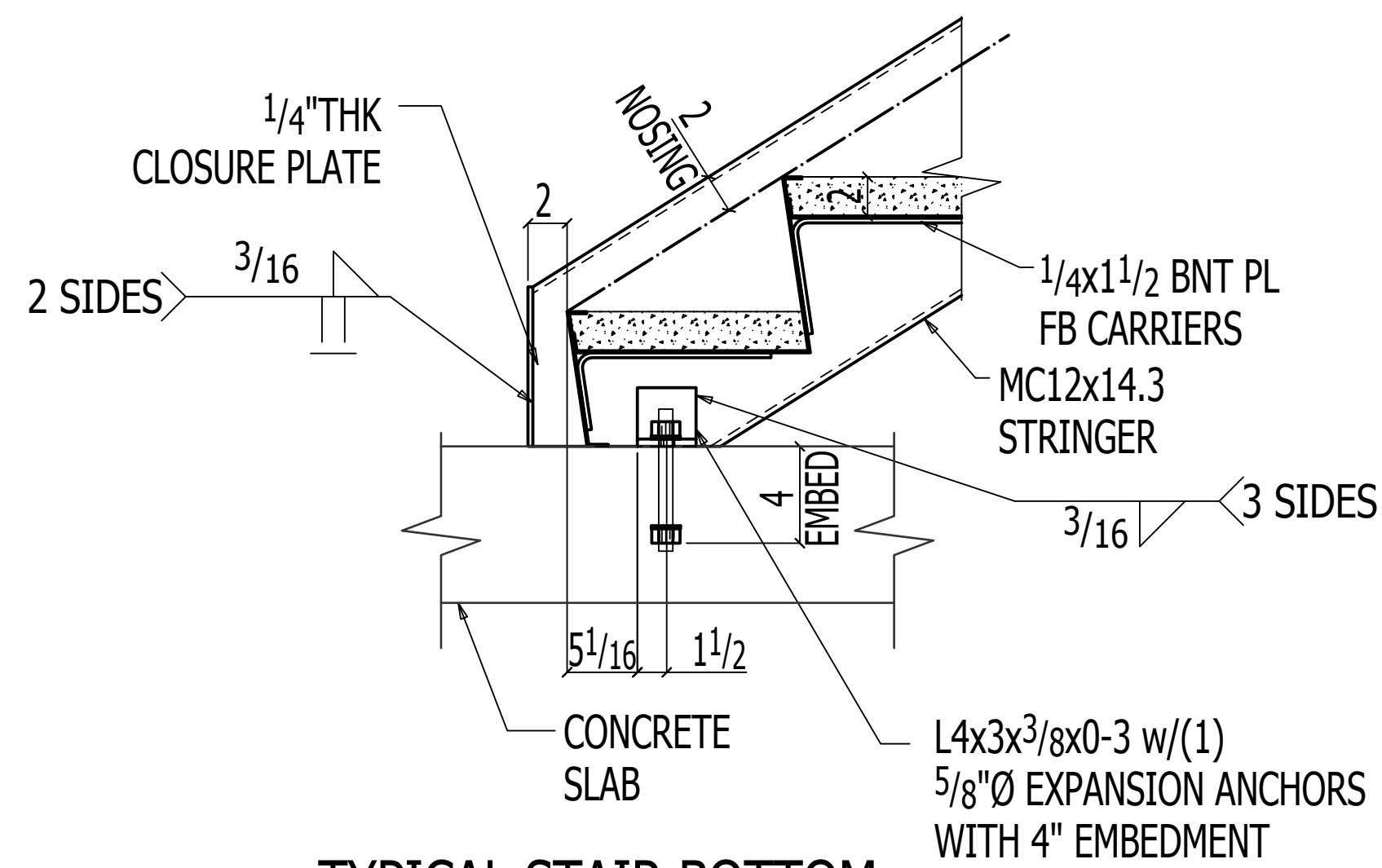
AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

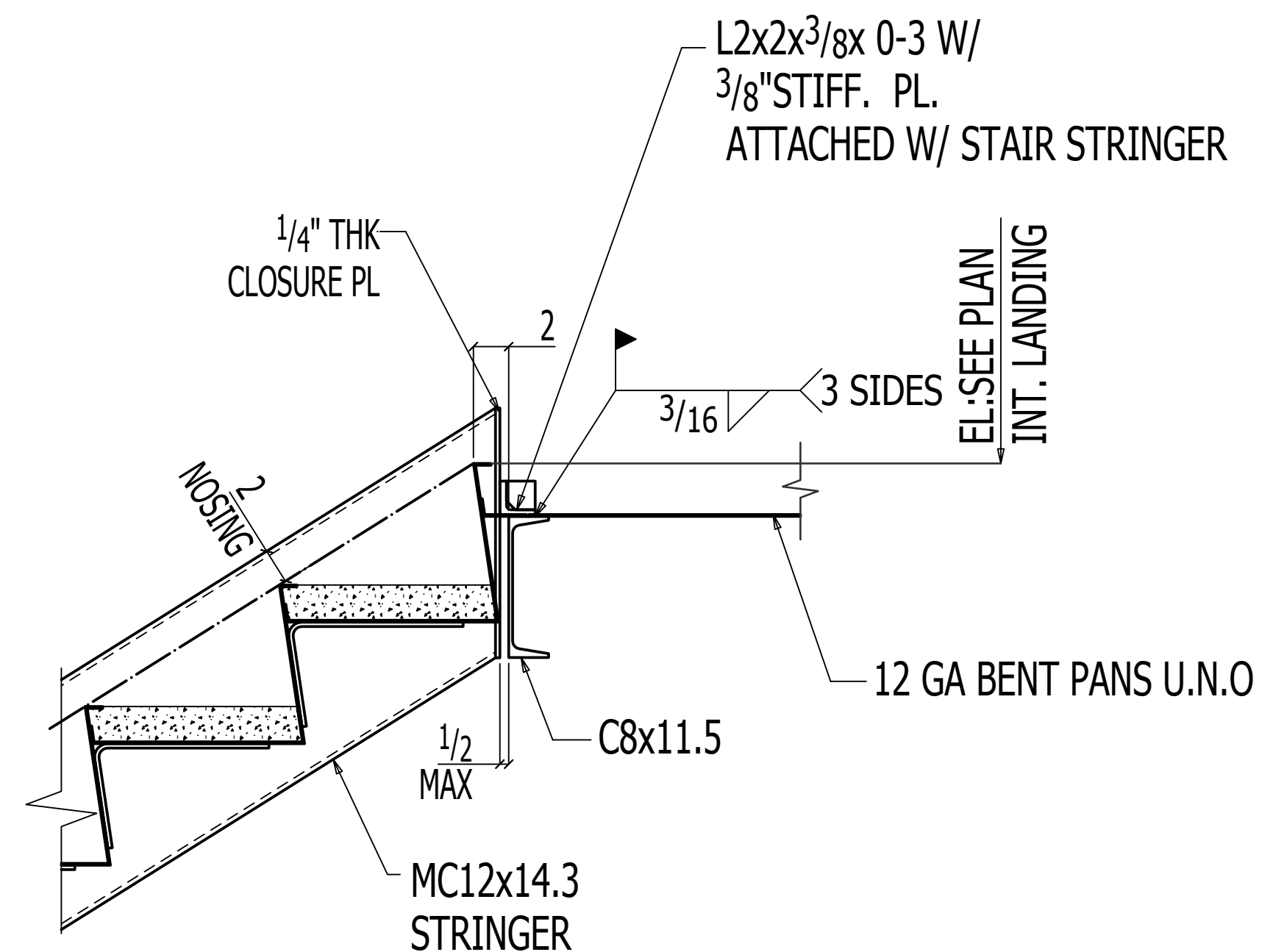
APSC CERTIFIED FABRICATOR and ERECTOR
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
 MATERIAL U.N. SHAPES: ASB PIPE: A53 GR.B DRAWN BY: PKM DATE: 08-16-2022
 TUBING: ASTM A300 GR.B CHECKED BY: ALN DATE: 08-16-2022
 WELDING U.N. E70XX JOB NO.: 22-0012-5002 REV.#
 E70XX-LH FOR ASTM A572-50 DWG NO.: E213



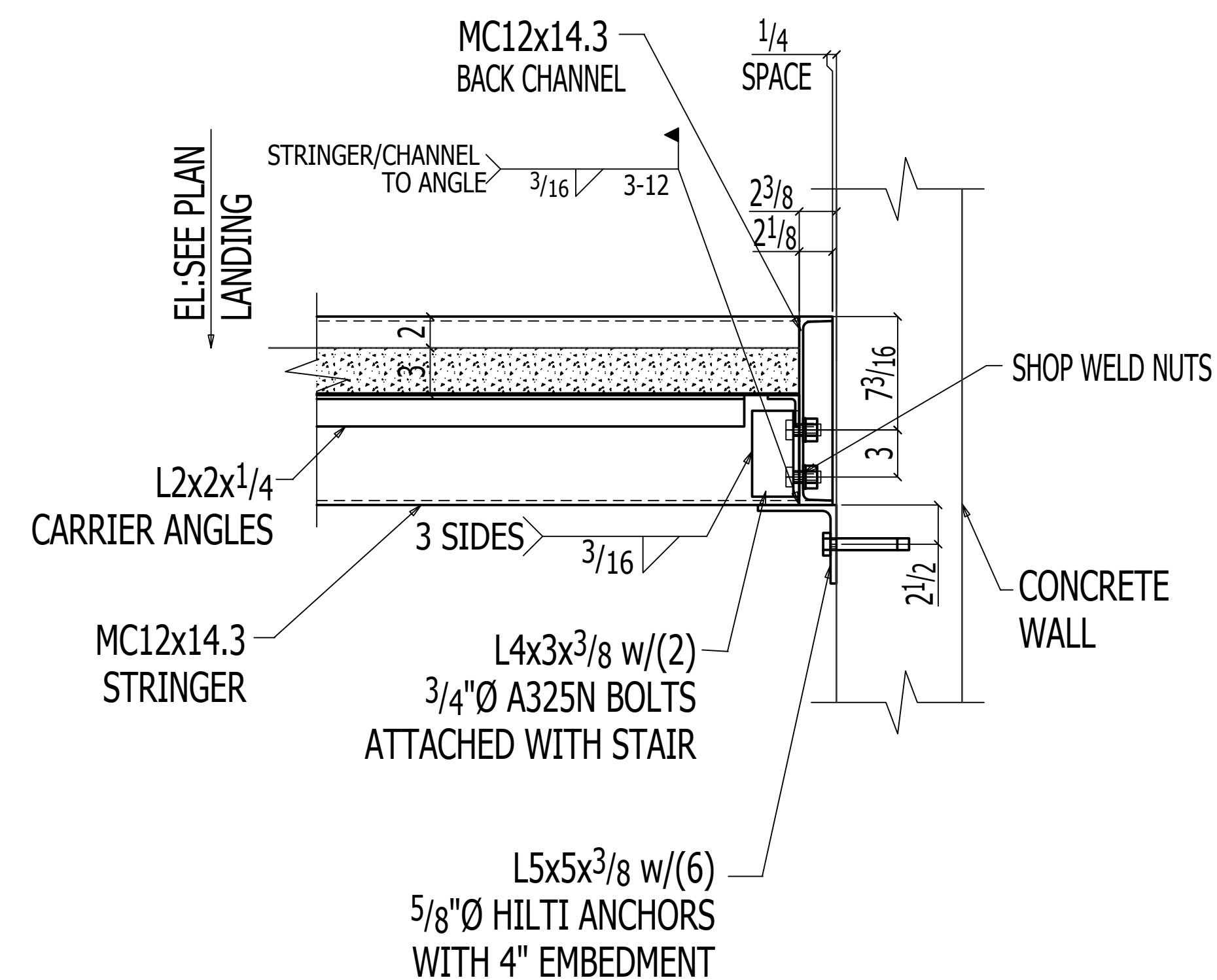
1
TYPICAL STAIR BOTTOM CONNECTION W/ CONCRETE SLAB

(REFER: 30/A6.20)

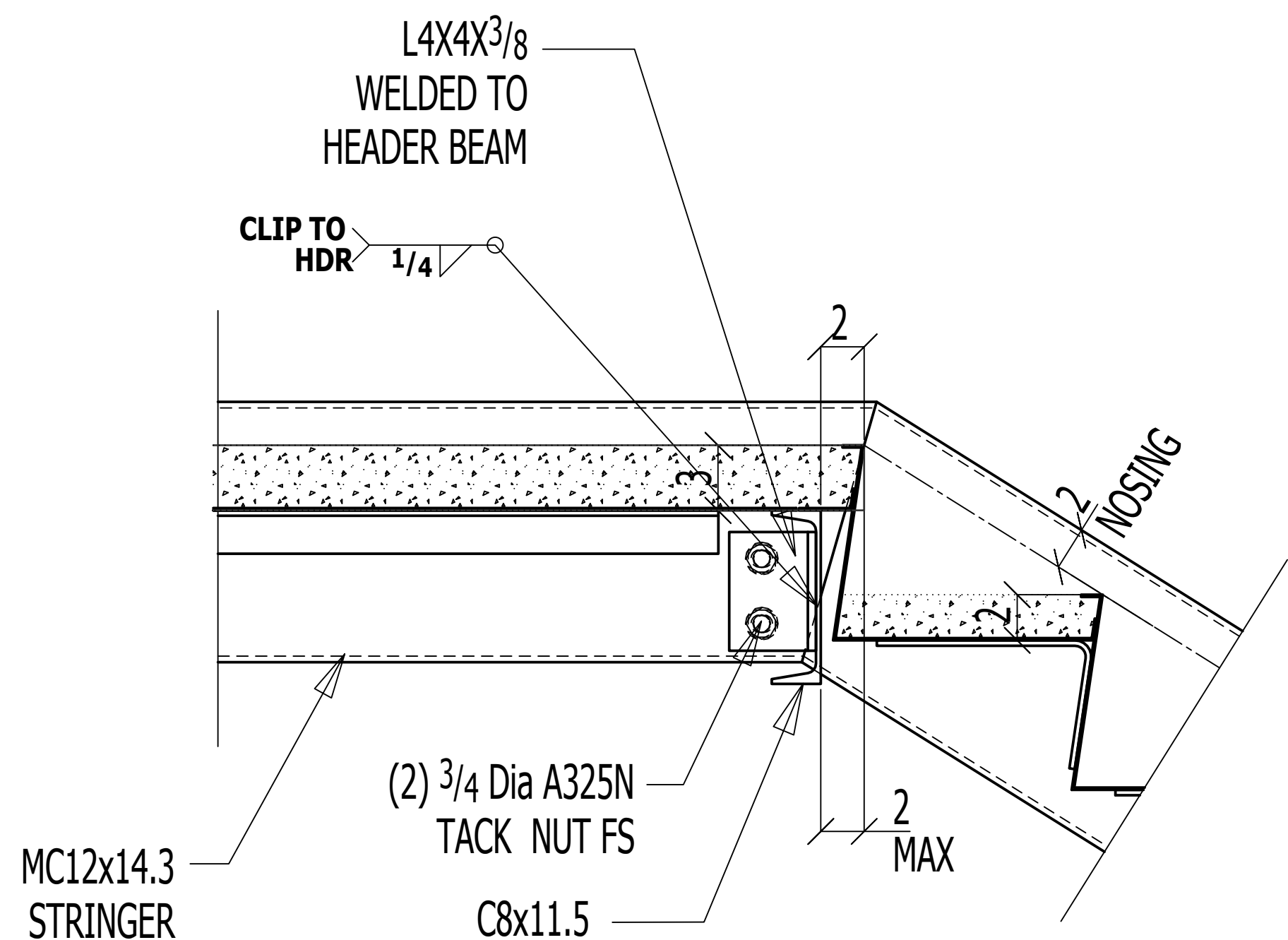


2
TYPICAL STAIR CONNECTION @ FRONT HEADER

(REFER: 41/A6.20)

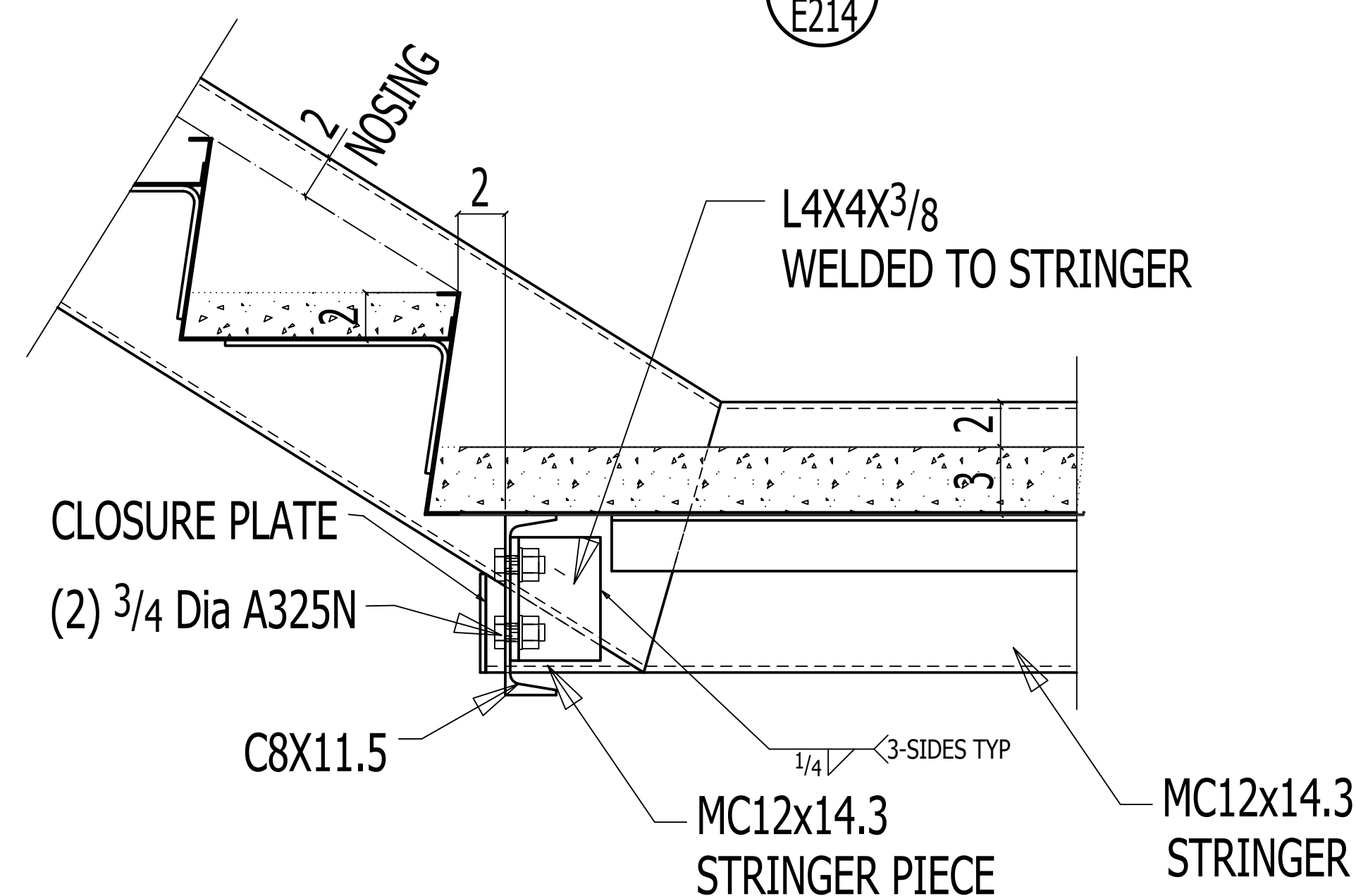


3
TYPICAL STAIR CONNECTION W/ BACK CHANNEL @ INTREEDIATE LANDINGS

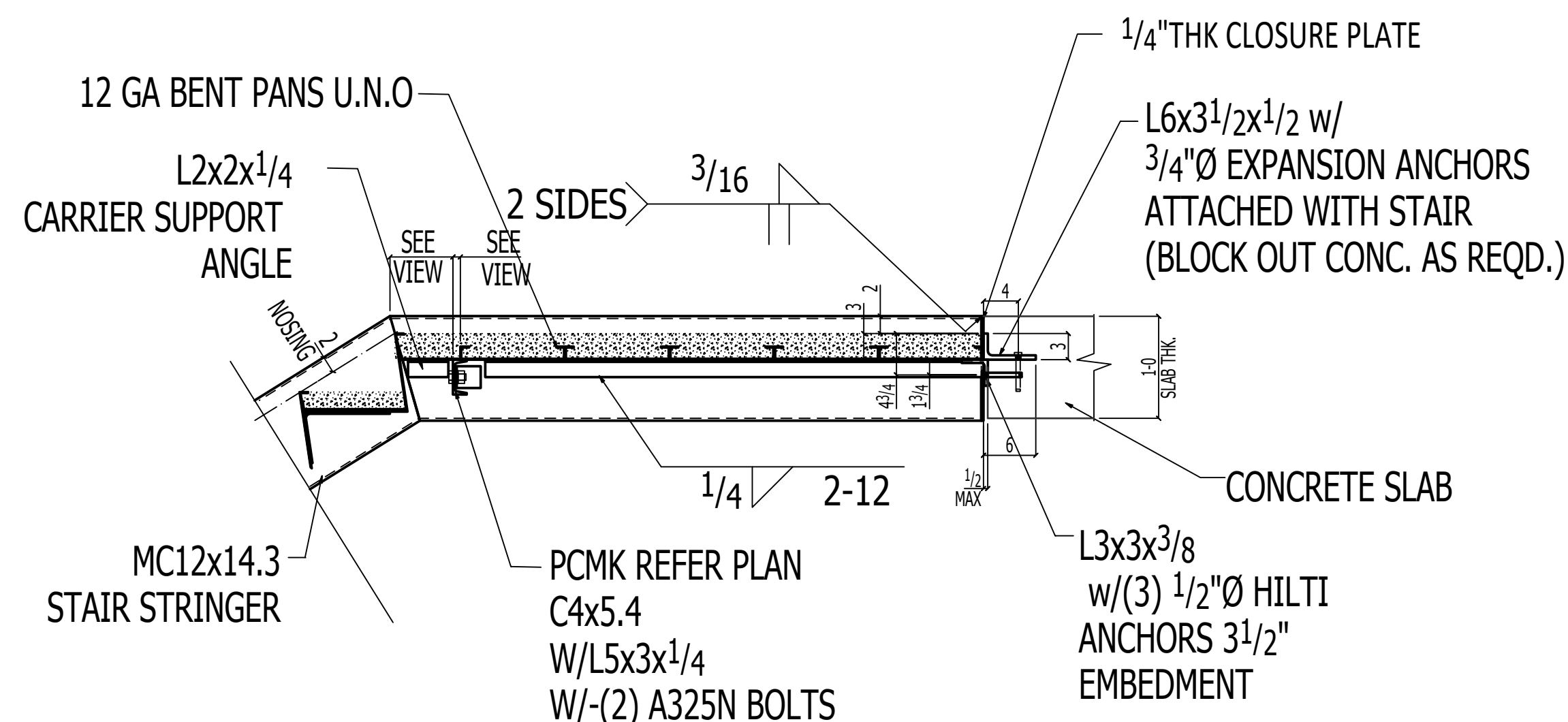


4
TYPICAL HEADER BEAM TO STRINGER DOWN CONNECTION

(REFER: 41/A6.20)



5
TYPICAL HEADER BEAM TO STRINGER UP CONNECTION



6
TYPICAL HEADER BEAM TO STRINGER DOWN CONNECTION

(REFER: 41/A6.20)

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. SHAPES: A36 DRAWN BY: PKM DATE: 08-16-2022

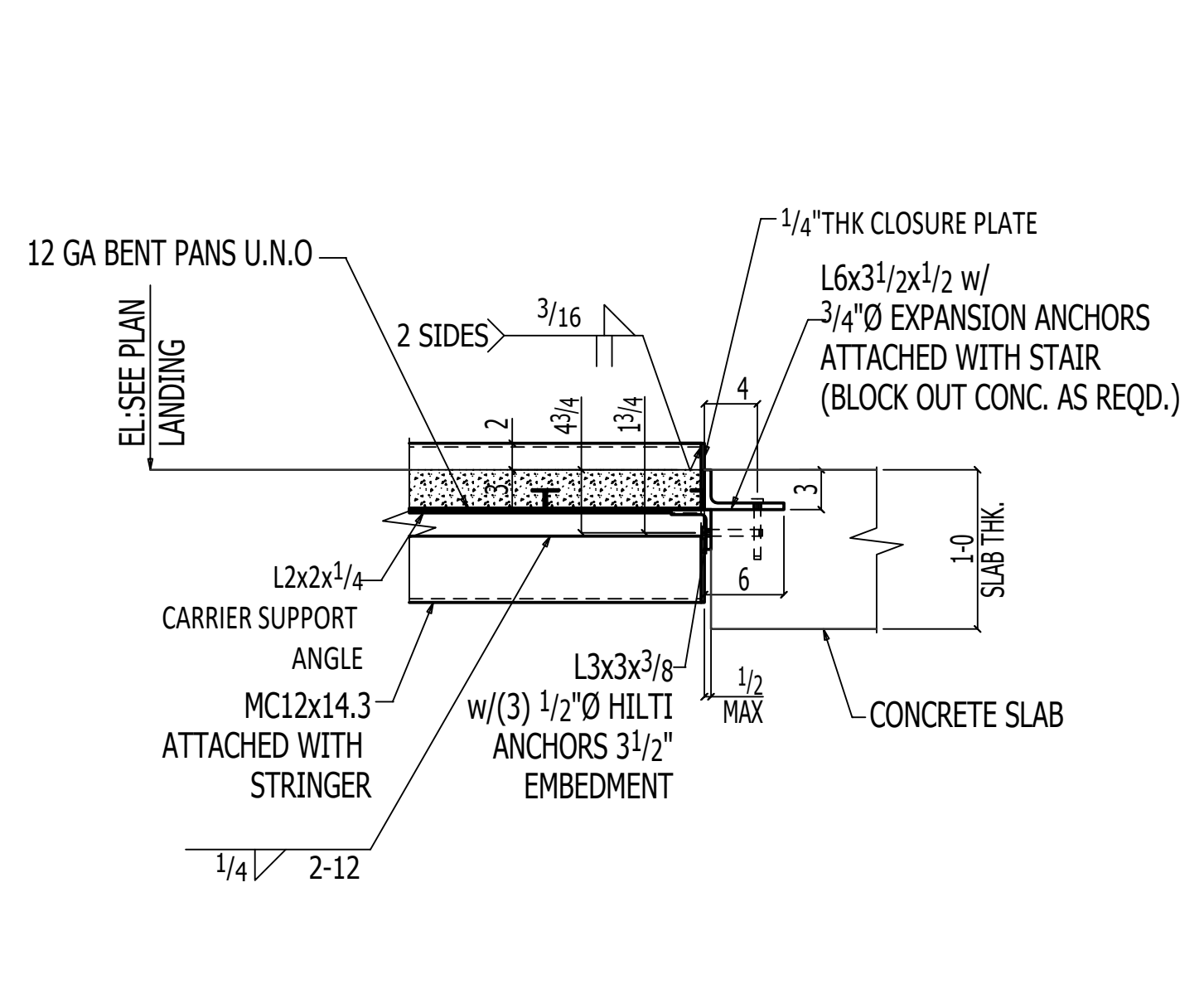
PIPE: A53 GR.B. CHECKED BY: ALN DATE: 08-16-2022

TUBING: ASTM A300 GR.B JOB NO.: 22-0012-5002 REV #

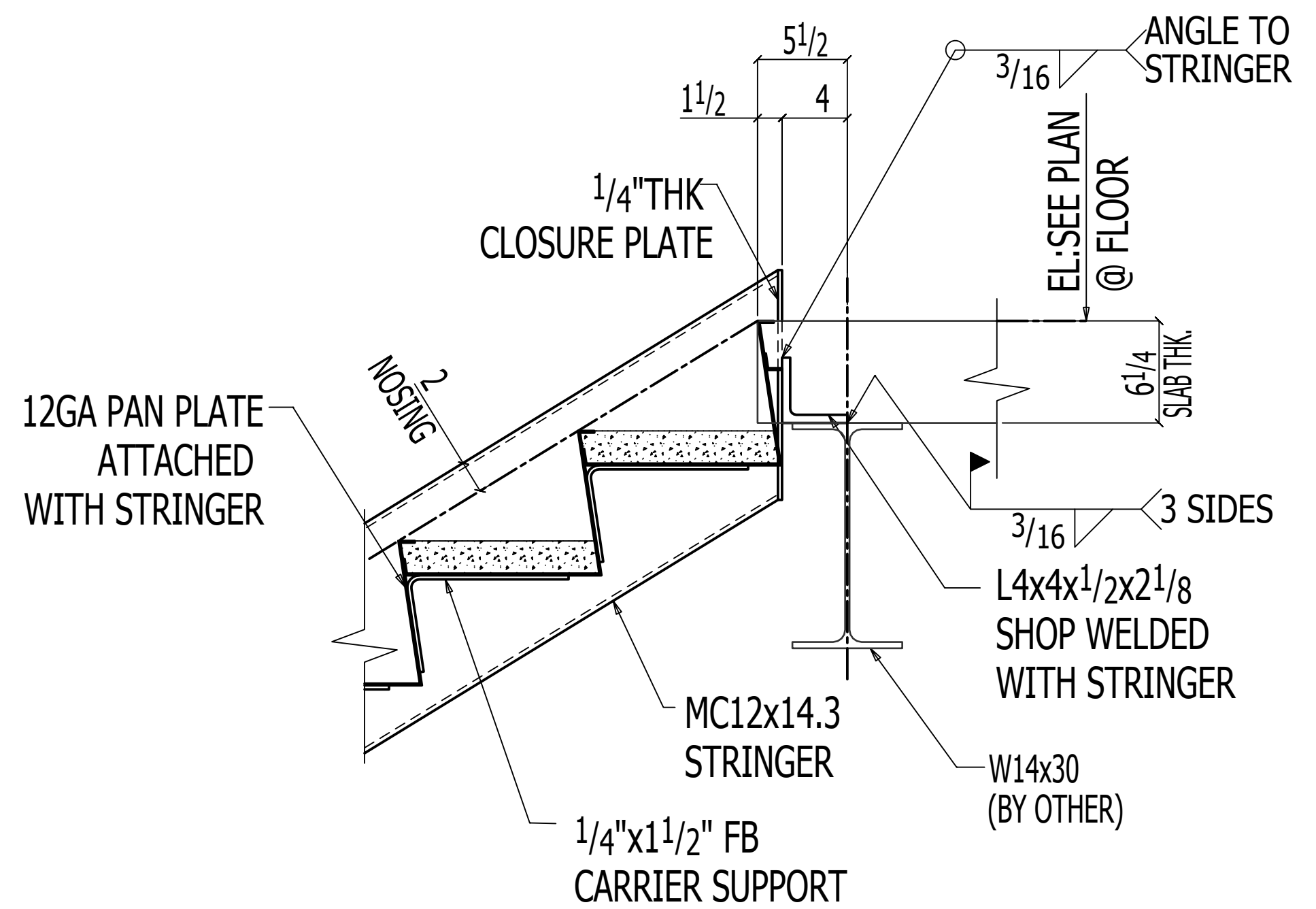
WELDING U.N. E70XX DWG NO.: E214

E70XX-LH FOR ASTM A572-50

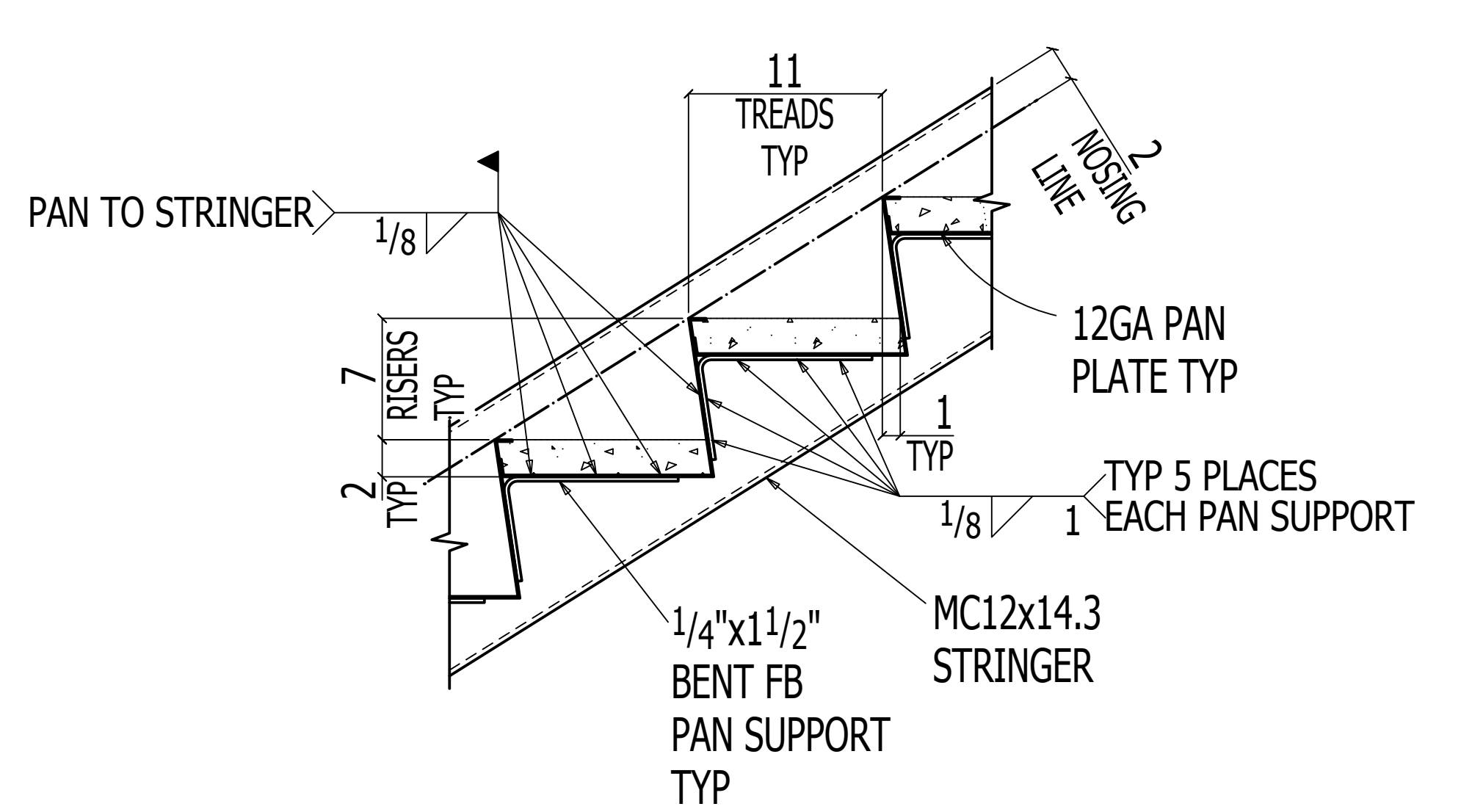
REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



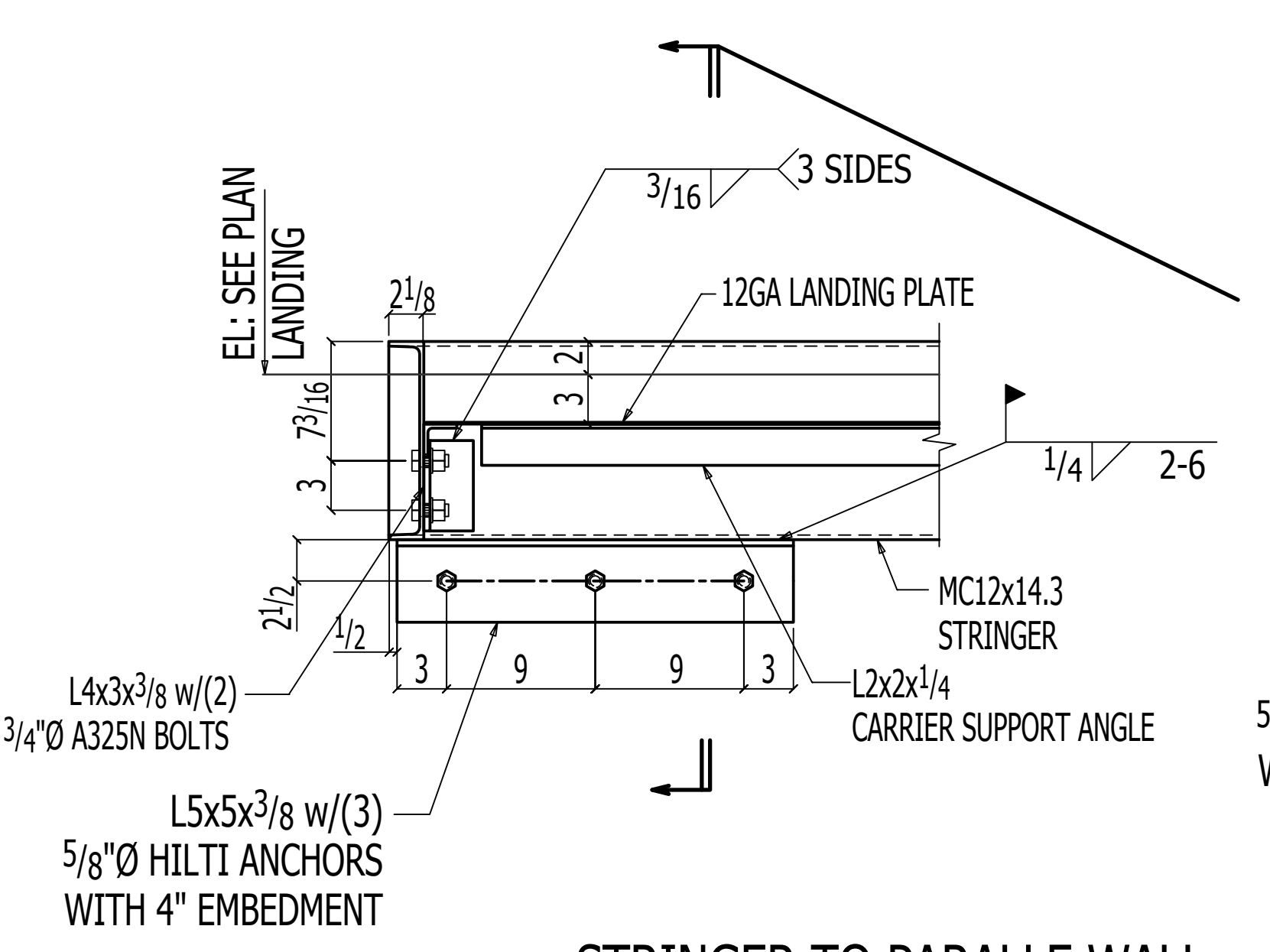
1
E215
TYPICAL STAIR CONNECTION
W/ RCC CONCRETE SLAB @ FLOOR



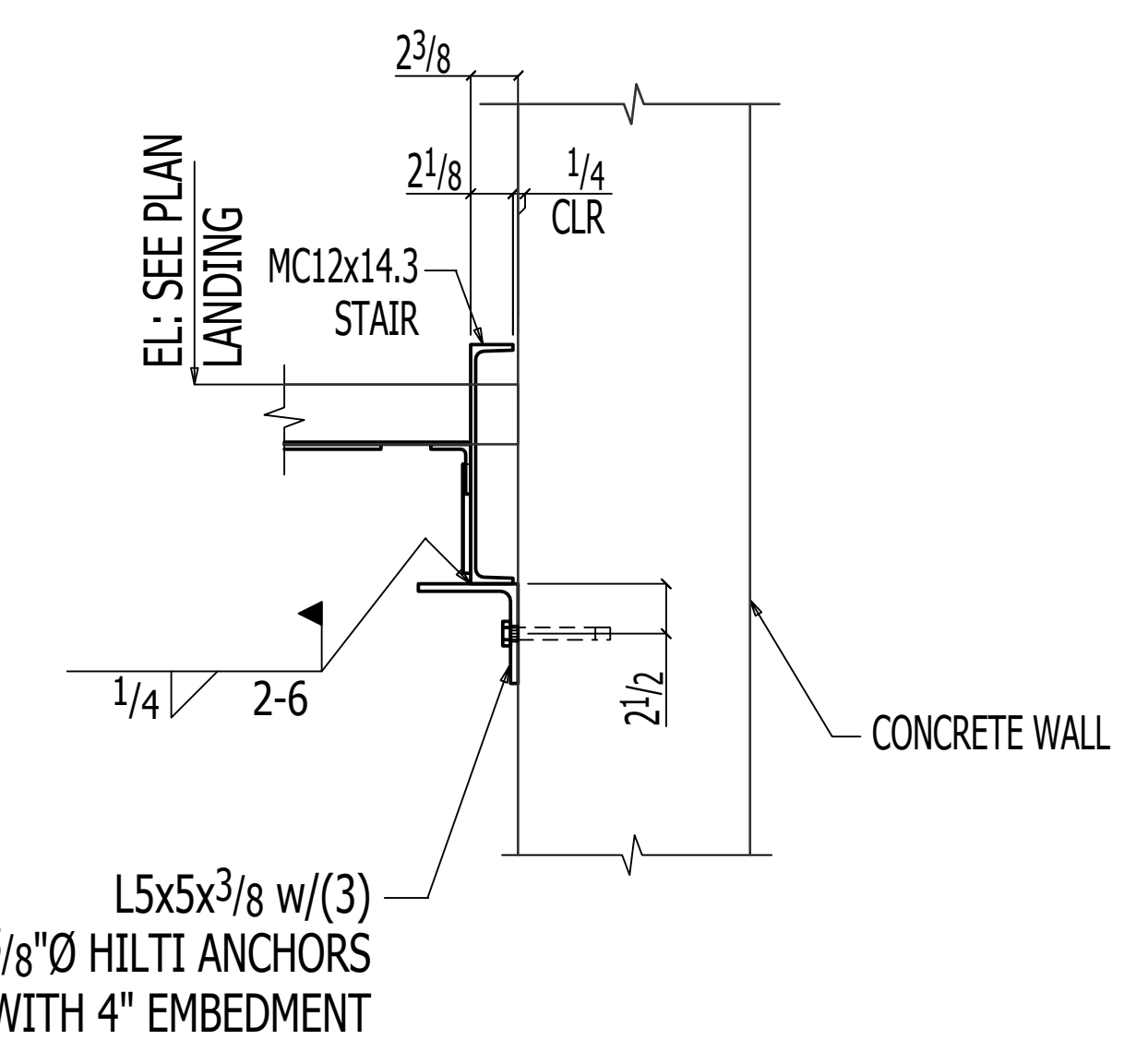
2
E215
TYPICAL STAIR CONNECTION
W/ FLOOR LANDING BEAM



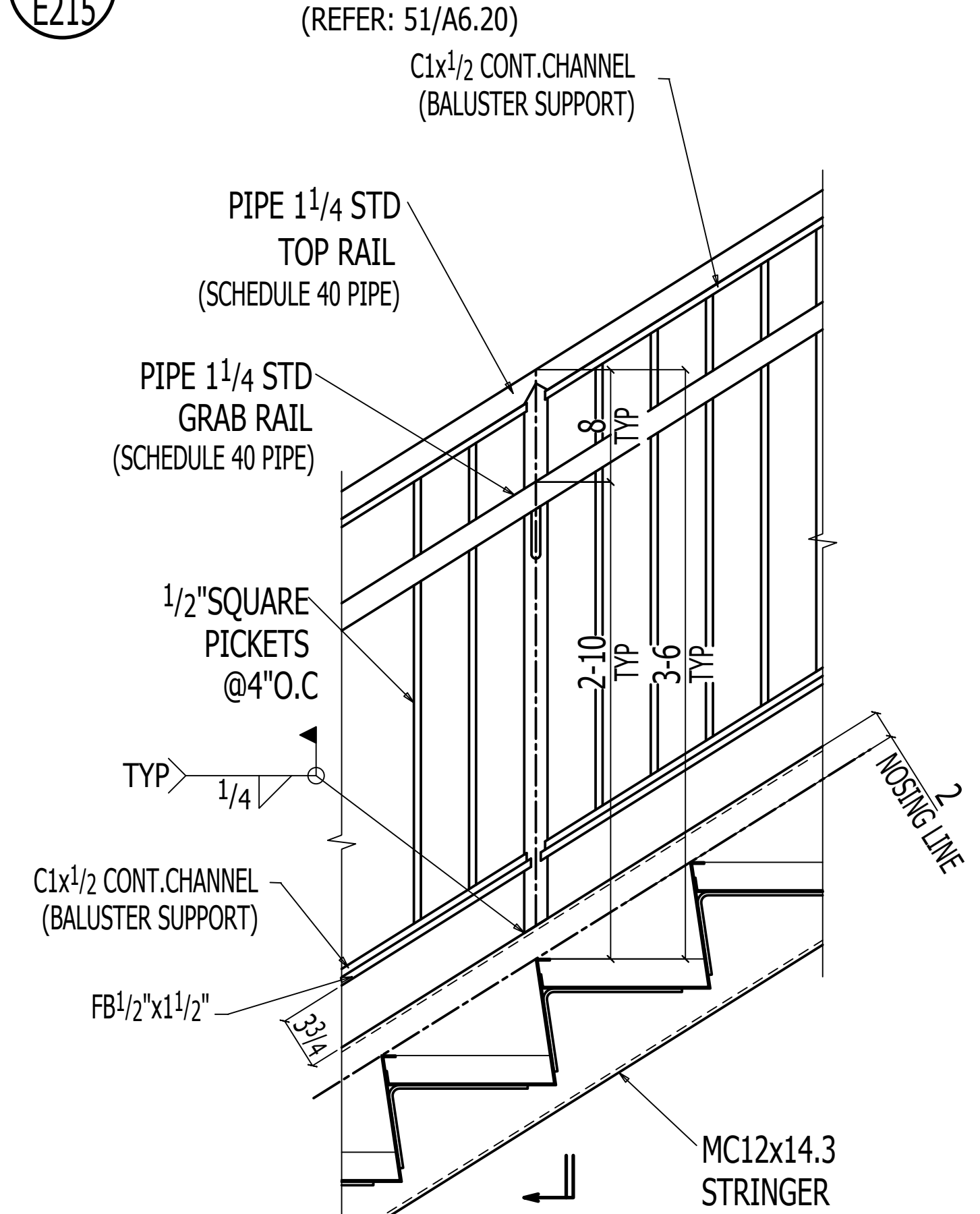
3
E215
TYPICAL STAIR PAN DETAIL



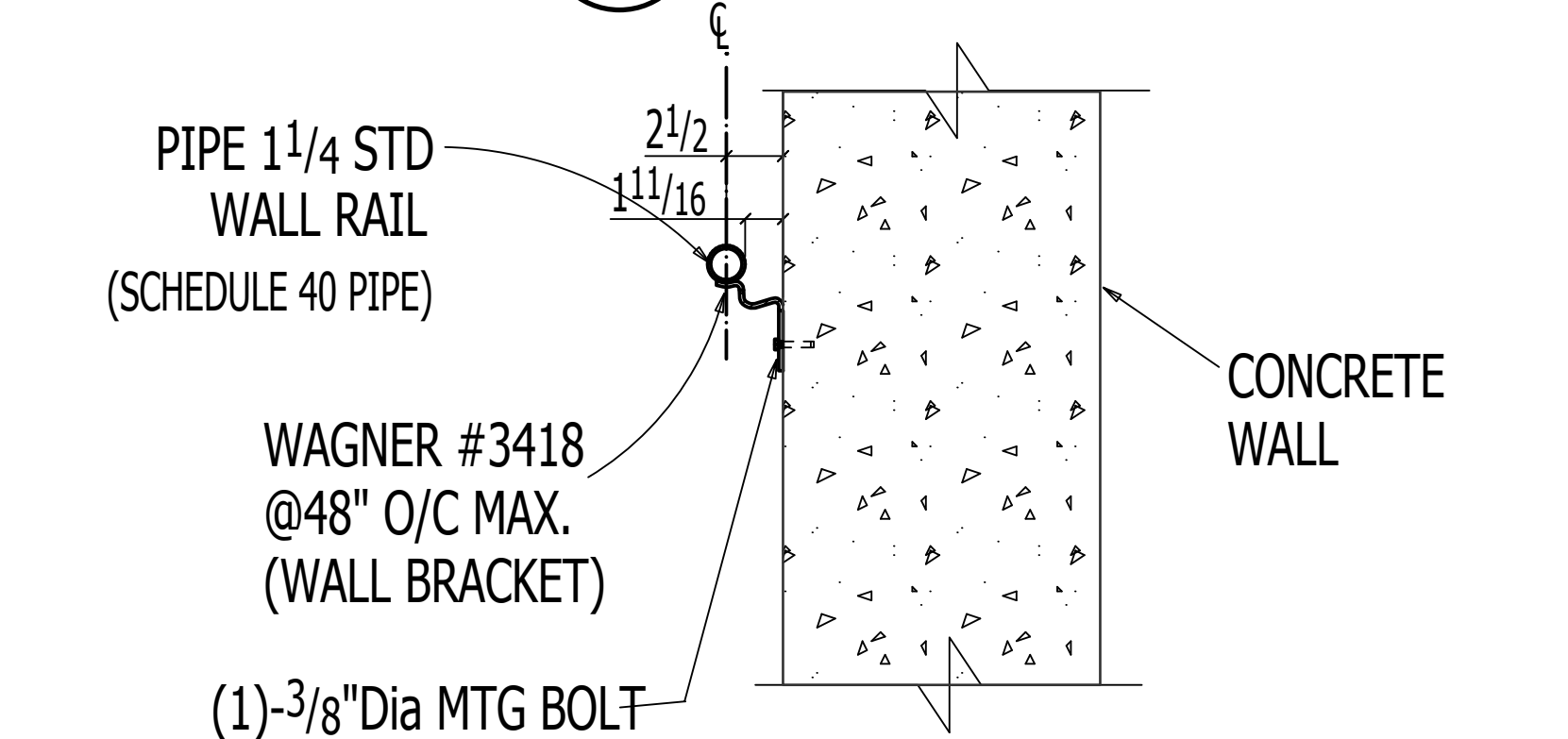
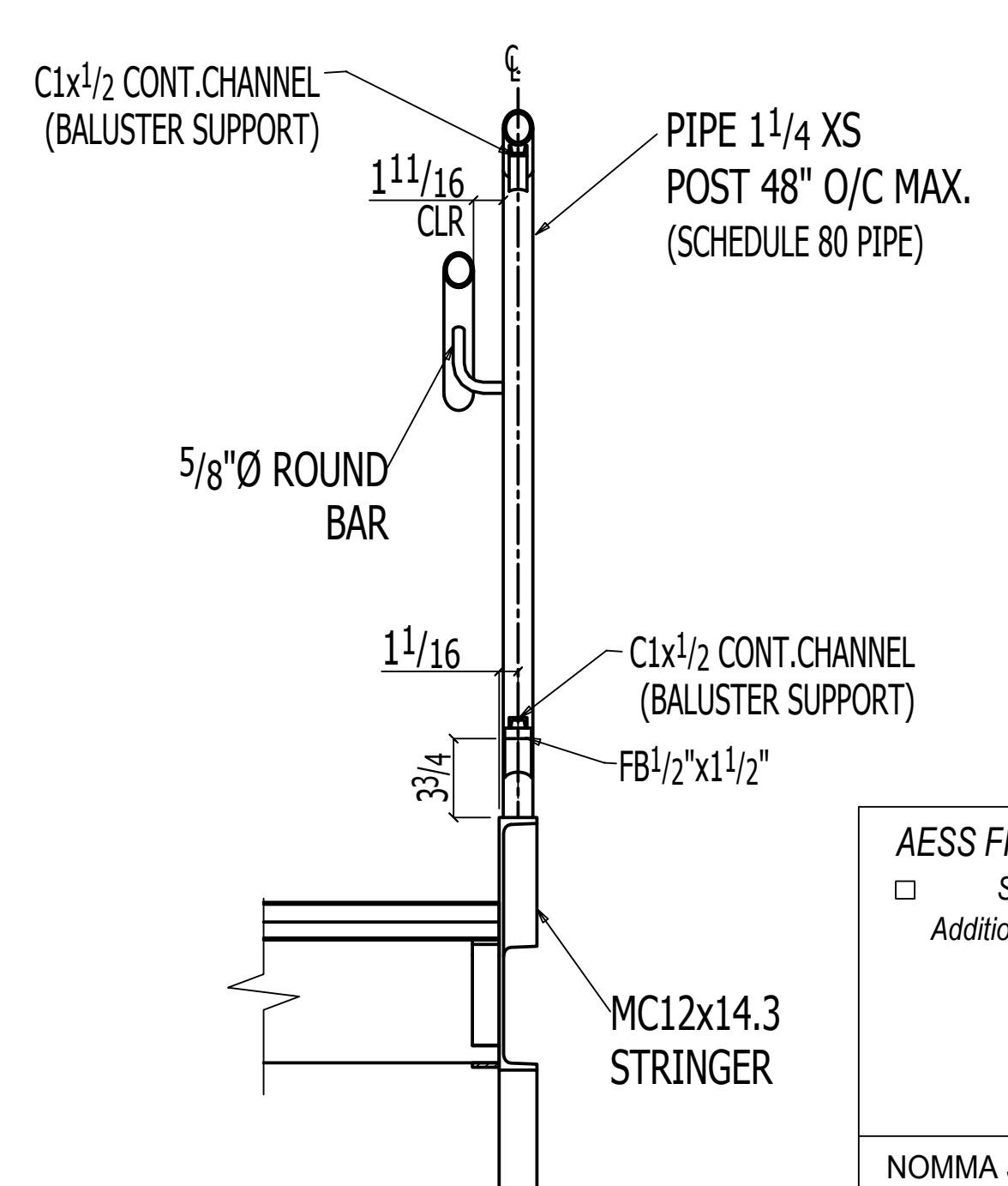
4
E215
STRINGER TO PARALLEL WALL
CONNECTION



6
E215
TYPICAL WALLRAIL DETAIL
(REFER: 50/A6.20)



5
E215
TYPICAL GUARDRAIL DETAIL
(REFER: 31/A6.20)



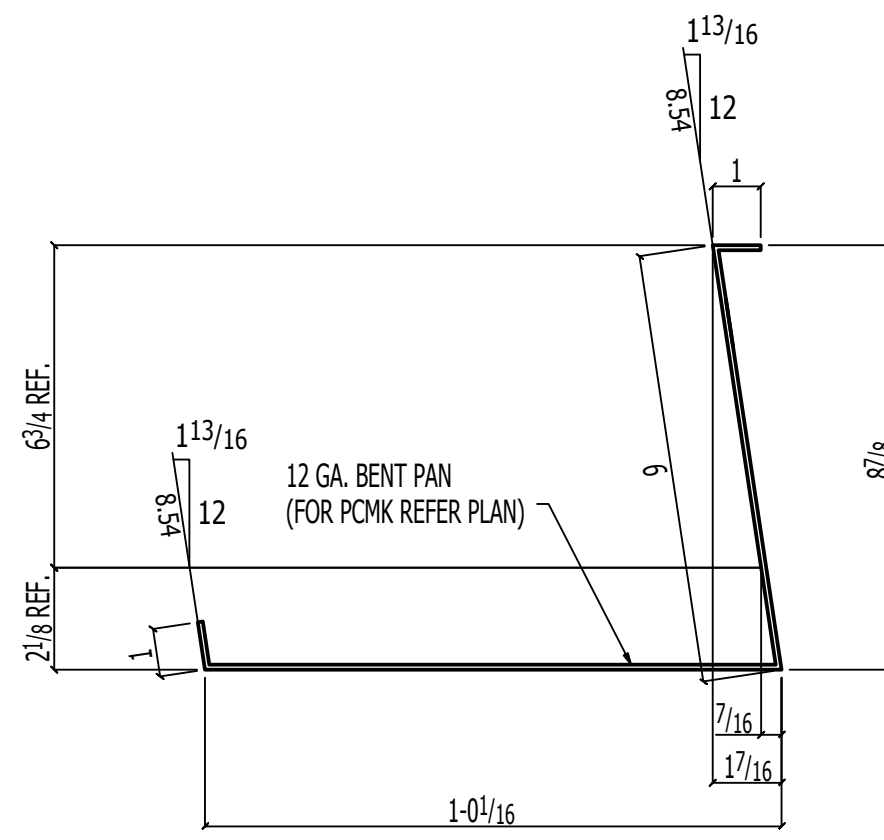
REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

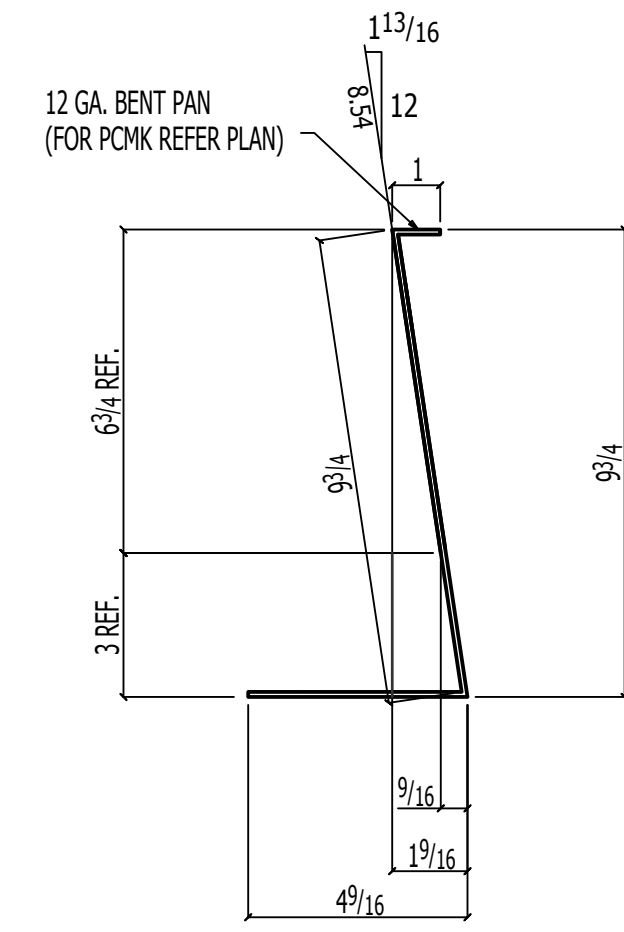
NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
 Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

CAPCO STEEL ERECTION
 CERTIFIED FABRICATOR AND ERECTOR
 25C ACORN STREET
 PROVIDENCE, RI 02903

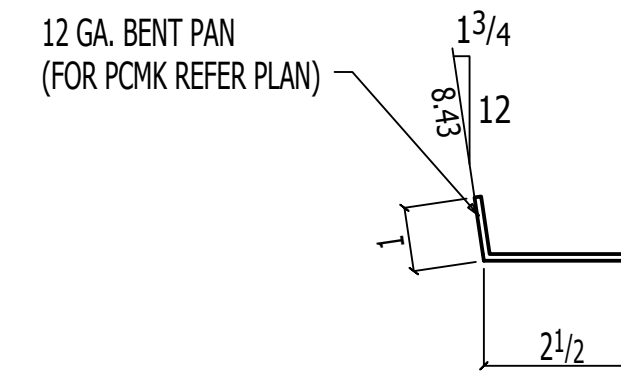
PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	SHAPES: AS NOTED DRAWN BY: PKM DATE: 08-16-2022
	PIPE: AS GR.B. CHECKED BY: ALN DATE: 08-16-2022
	TUBING: ASTM A300 GR.B JOB NO.: 22-0012-5002 REV#
WELDING U.N.	E70XX DWG NO.: E215
	E70XX-LH FOR ASTM A572-50



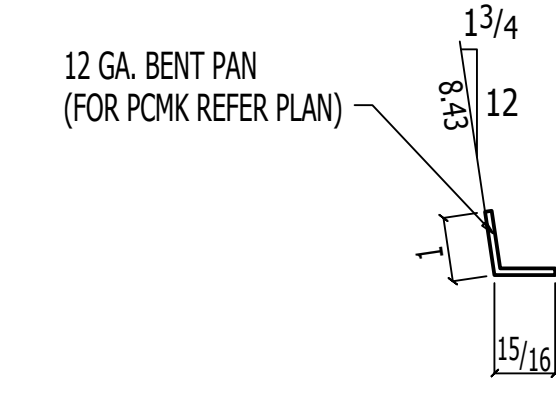
1 TYPICAL PAN DETAIL-1
E216



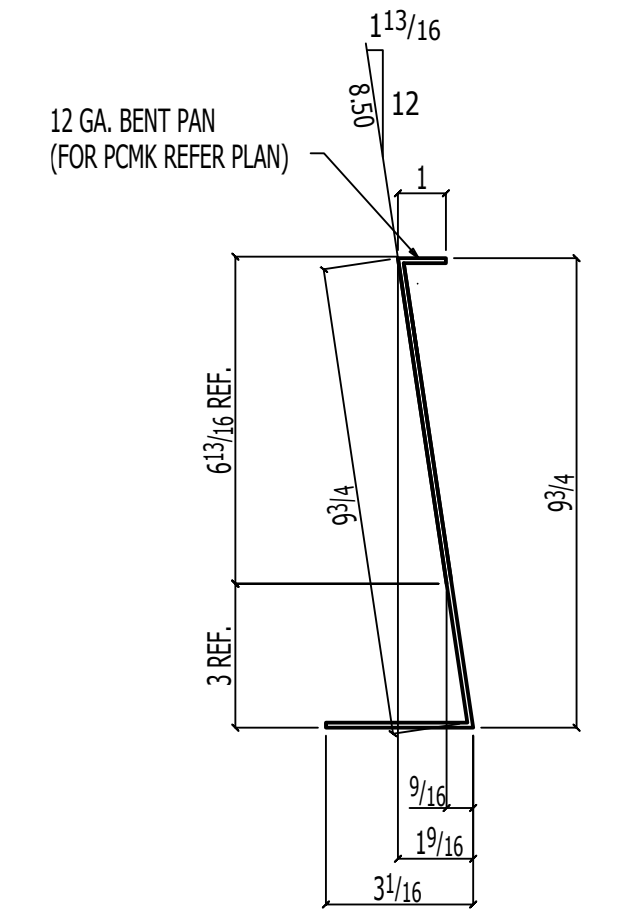
2 TYPICAL PAN DETAIL-2
E216



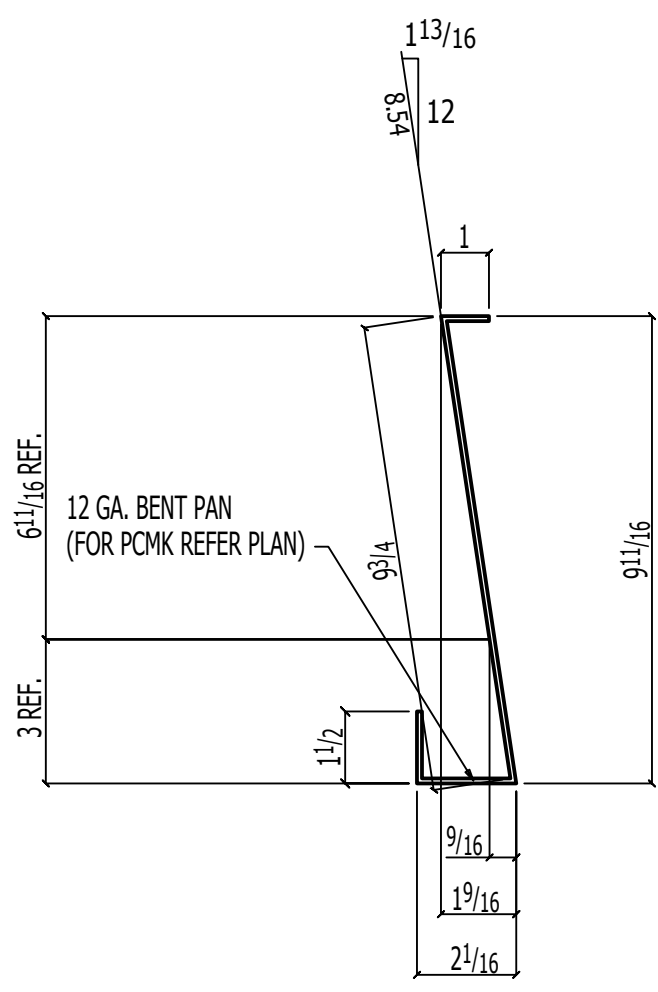
3 TYPICAL PAN DETAIL-3
E216



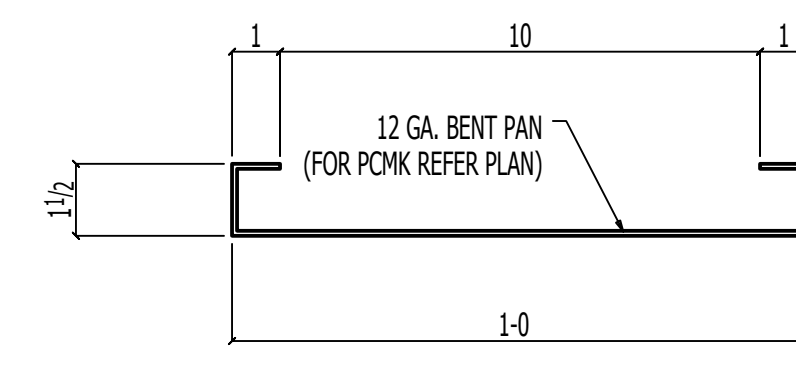
4 TYPICAL PAN DETAIL-4
E216



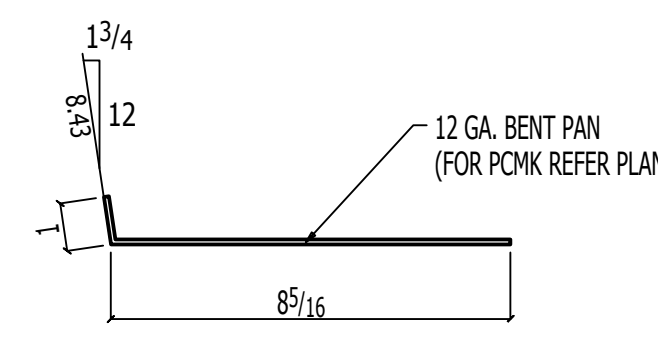
5 TYPICAL PAN DETAIL-5
E216



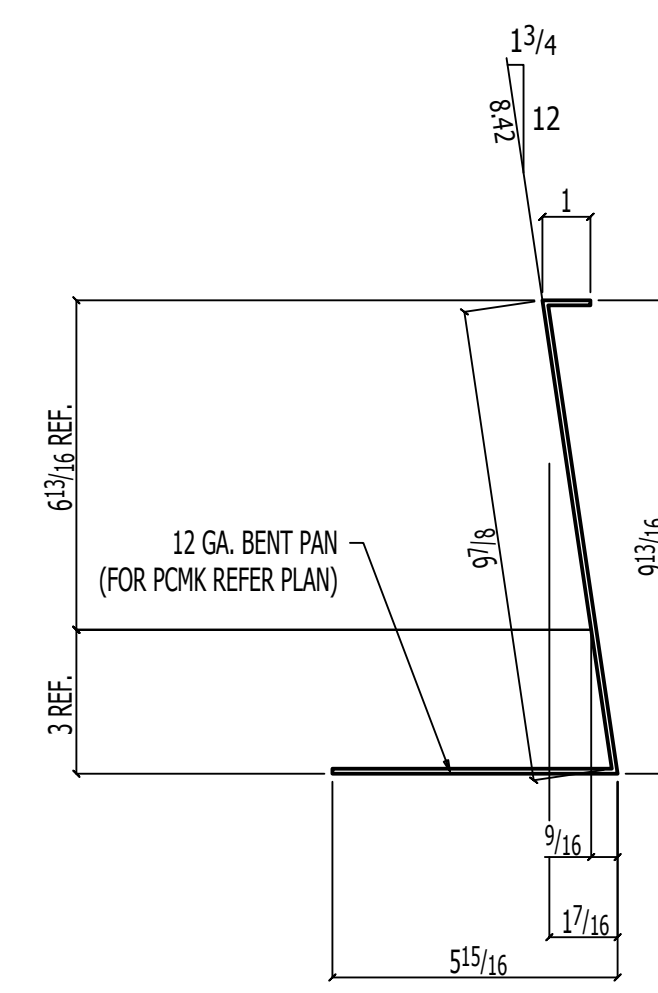
6 TYPICAL PAN DETAIL-6
E216



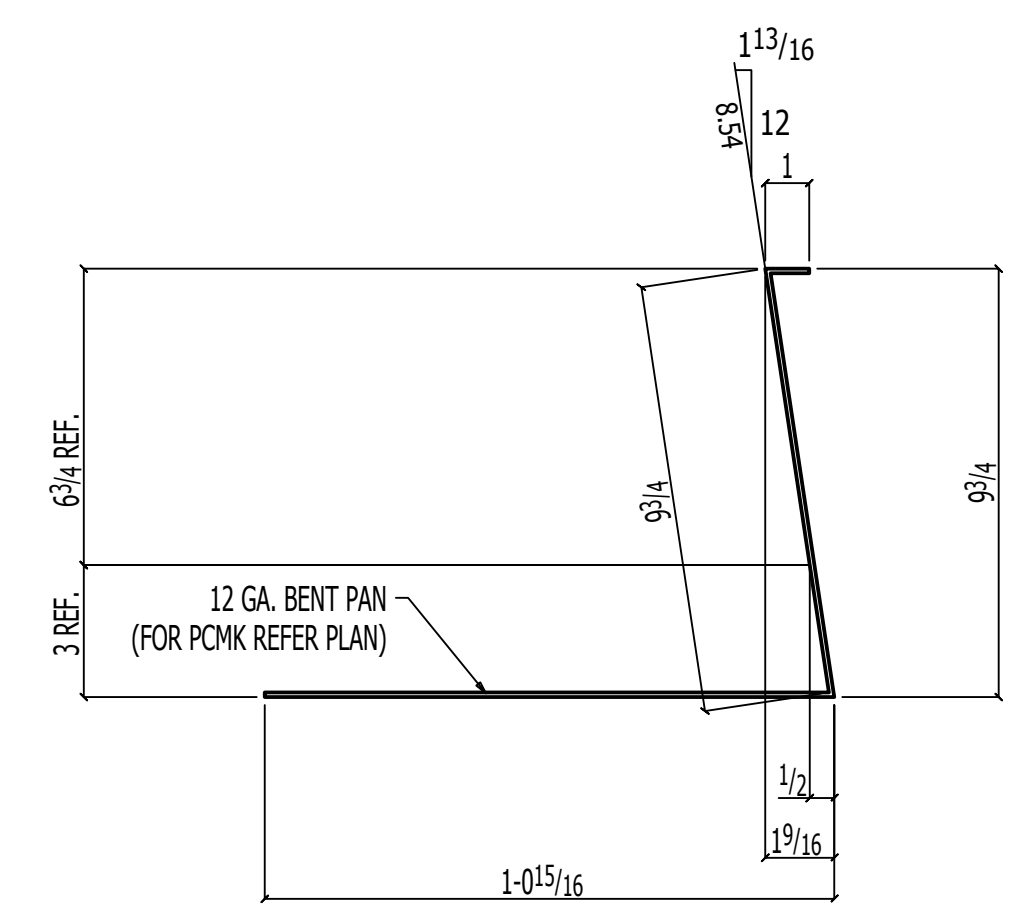
7 TYPICAL PAN DETAIL-7
E216



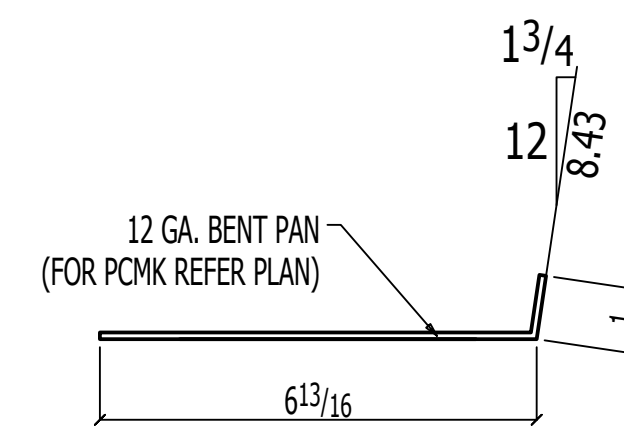
8 TYPICAL PAN DETAIL-8
E216



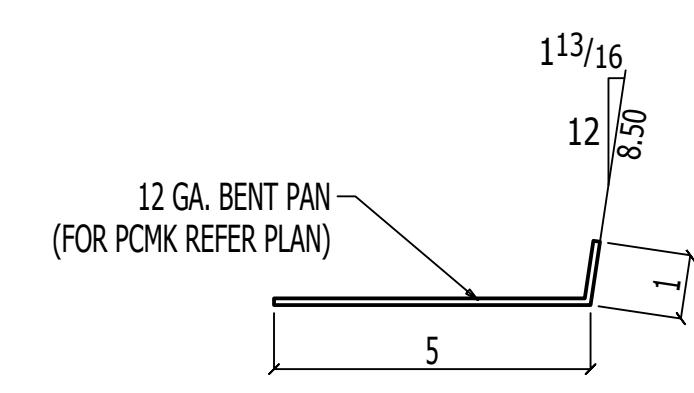
9 TYPICAL PAN DETAIL-9
E216



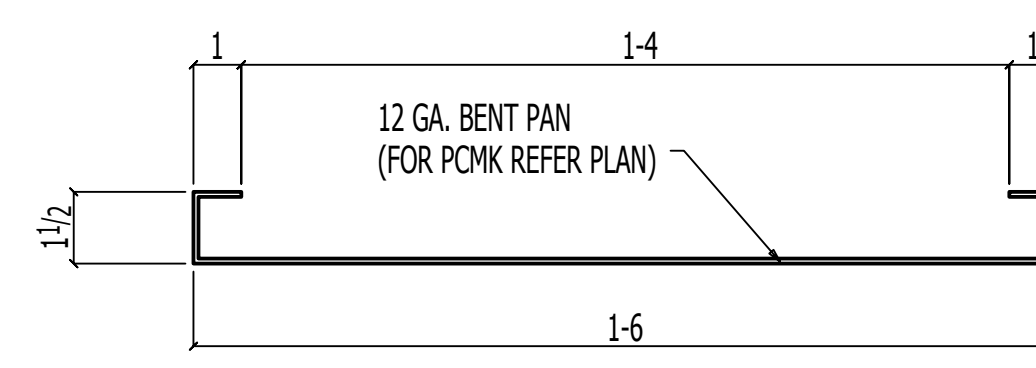
10 TYPICAL PAN DETAIL-10
E216



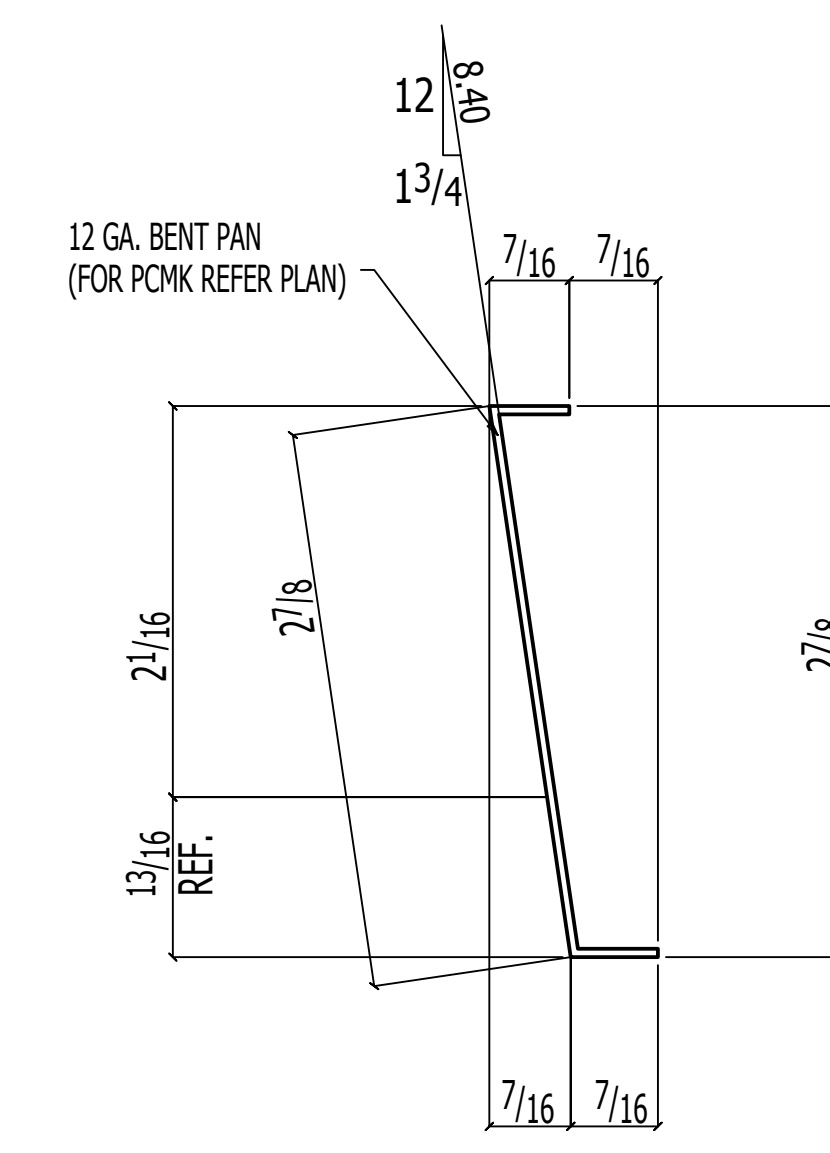
11 TYPICAL PAN DETAIL-11
E216



12 TYPICAL PAN DETAIL-12
E216



13 TYPICAL PAN DETAIL-13
E216



14 TYPICAL PAN DETAIL-14
E216

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org

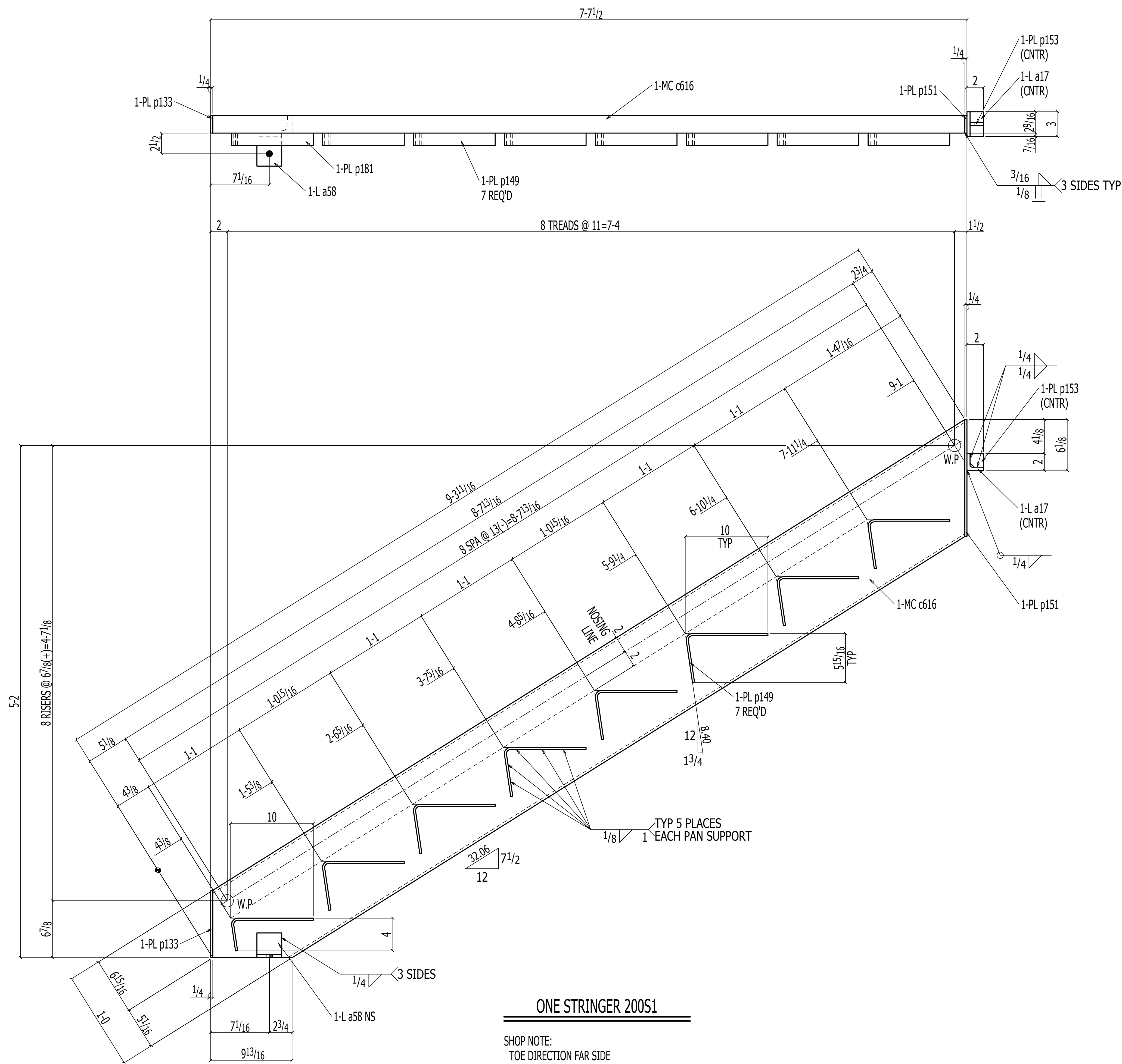
Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

	ASCE CERTIFIED FABRICATOR AND ERECTOR	CAPCO STEEL ERECTION TEL: (401) 383-9388 - FAX: (401) 343-9051 E-MAIL: info@capcoerectors.com 25C ACORN STREET PROVIDENCE, RI 02903
	PROJECT: WHITTIER CHOICE-PHASE 3 ITEM: STAIR#2 CUSTOMER: DIMEO CONSTRUCTION CO.	

SURF. PREP:	SSPC-SP3	FINISH:	FAST DRY 4190 GRAY	WELD:	E70XX
MATERIAL:	AS NOTED	HOLES:	1 3/16" U.N.O	DRAWN BY:	PKM
MATERIAL U.N.	SHAPES AS B. PIPE AS GR B. TUBING: ASTM A300 GR B	CHECKED BY:	ALN	DATE:	08-16-2022
WELDING U.N.	E70XX E70XX-LH FOR ASTM A572-50	JOB NO.:	22-0012-5002	REV #:	A
REV.#	DATE	BY	REVISION	DWG NO.:	E216

A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



ONE STRINGER 200S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E201)

ISC PRIMER

BILL OF MATERIAL						
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE		200S1	STRINGER			157
1	1	c616	MC12x14.3	9' 3 11/16"	A36	137
1	1	a58	1 1/2x3x3/8	0' 3"	A36	2
1	1	a17	1 1/2x2x3/8	0' 3"	A36	1
1	1	p153	PL 3/8x1 1/2	0' 1 5/8"	A36	0
7	7	p149	PL 1/2x1 1/2	0' 1 1/2"	BENT A36	11
1	1	p181	PL 1/2x1 3/4	0' 1 1/2"	BENT A36	1
1	1	p151	PL 1/2x2 1/8	1' 2 3/16"	A36	2
1	1	p133	PL 1/2x2 1/8	0' 8 1/8"	A36	1
			FIELD BOLTS			
1	1		3/8 Dia EXPANSION ANCHOR	0' 5"	(EMBED=4 1/4")	
Total weight :						157

AESS FINISH:

Spec Section Ref Required:

Additional Information;

NOMMA Joint Finishes: www.nomma.org

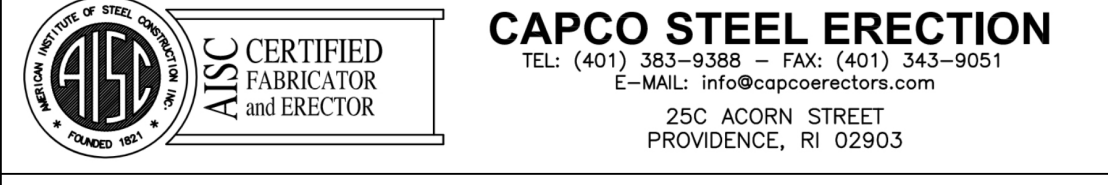
Spec Section Ref Required:

Finish #0 - No Visible Weld

Finish #1 - Sanded and blended completely

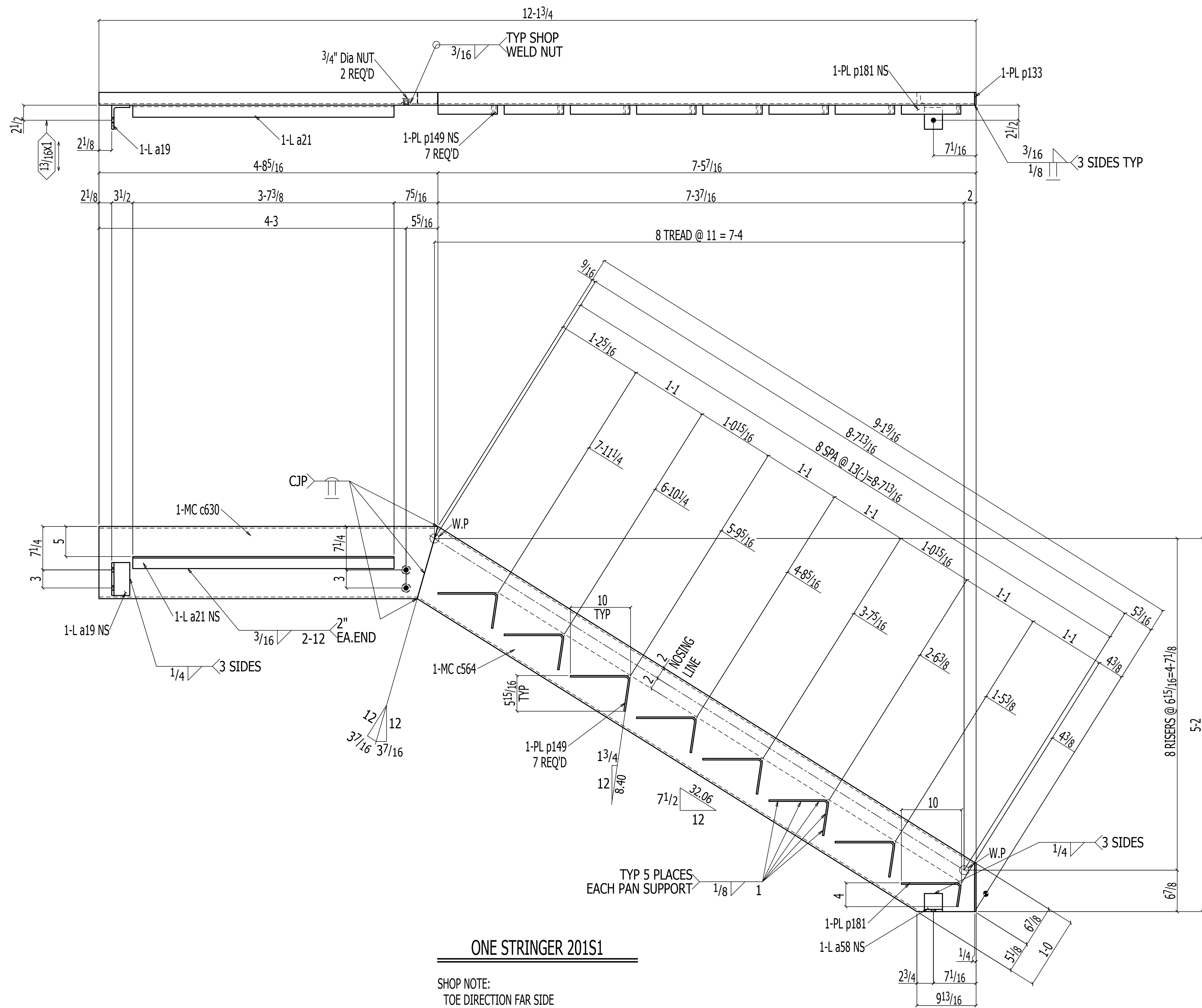
Finish #2 - Partially dressed weld with spatter removed

Finish #3 - Good quality, uniform undressed weld with minimal spatter



PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F45
PIPE:	SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE: 08-16-2022
CHECKED BY:	ALN DATE: 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	200

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 201S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E201)

ISC PRIMER

BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	1	201S1	STRINGER			233
1	1	c630	MC12x14.3	4' 8 5/16"	A36	67
1	1	c564	MC12x14.3	9' 1 9/16"	A36	134
1	1	a19	L4x3x3/8	0' 5 1/2"	A36	4
1	1	a58	L4x3x3/8	0' 3"	A36	2
1	1	a21	L2x2x1/4	3' 7 7/16"	A36	12
7	7	p149	PL 1/4x15 1/16	0' 1 1/2"	BENT A36	11
1	1	p181	PL 1/4x15 1/16	0' 1 1/2"	BENT A36	1
1	1	p133	PL 1/4x2 1/8	0' 8 1/8"	A36	1
2	2		3/4" NUT		HHNT A563	
2	2		3/4" WASHER		HD F436	
1	1		FIELD BOLTS			
			5/8" Dia EXPANSION ANCHOR	0' 5"	(EMBED=4 1/4")	
Total weight :						233

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 – No Visible Weld
- Finish #1 – Sanded and blended completely
- Finish #2 – Partially dressed weld with spatter removed
- Finish #3 – Good quality, uniform undressed weld with minimal spatter

ASCC CERTIFIED
FABRICATOR
and ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 – FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

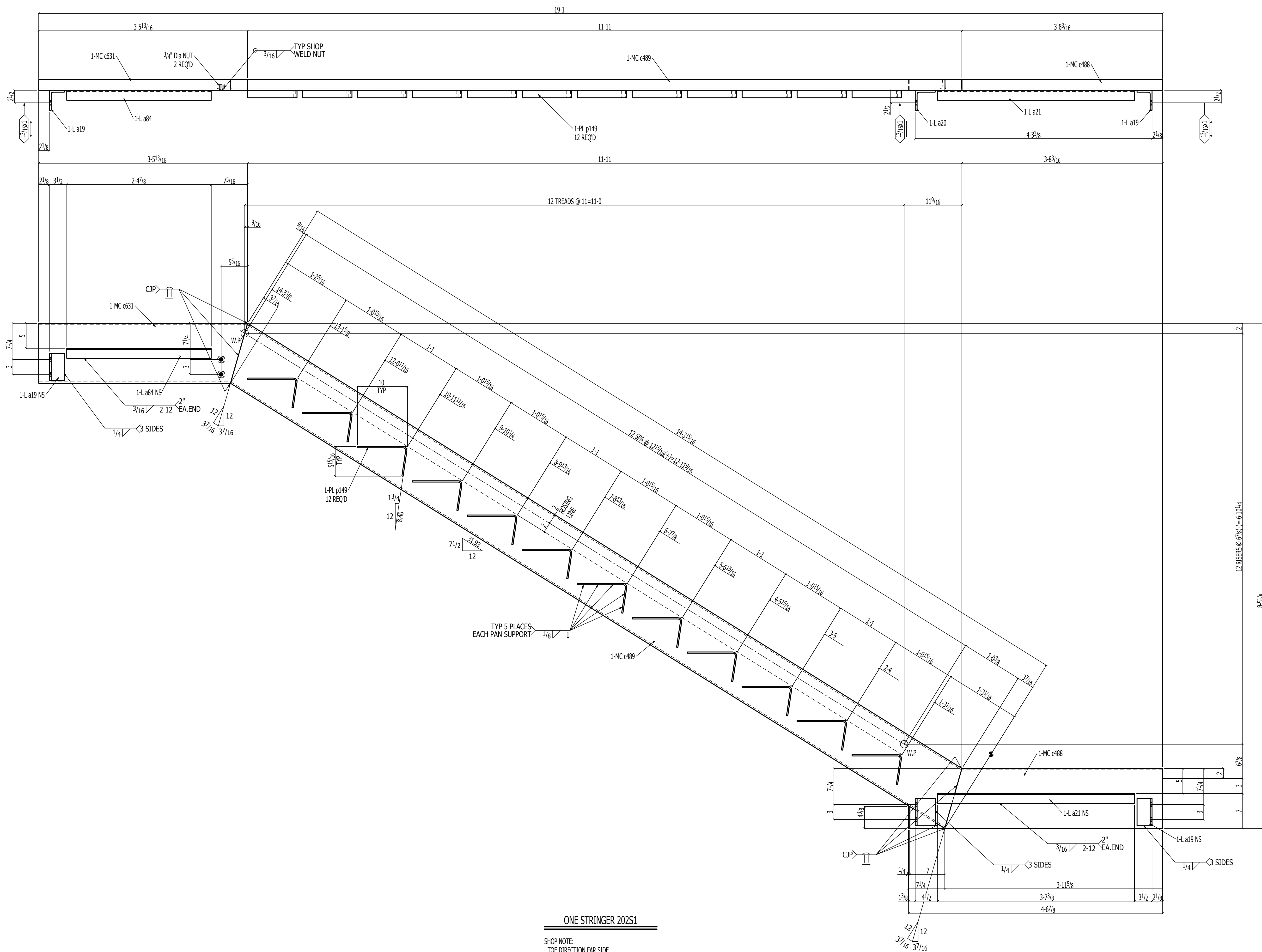
PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N.	DRAWN BY	PKM	DATE	08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY	ALN	DATE	08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO.	22-0012-5002	REV #	
TUBE STEEL: ASTM A500, GRADE B F460KSI	WELDING U.N.	E70XX	DWG NO.	201
PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B	REVISION			

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

BILL OF MATERIAL

QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT						TOTAL
ONE	202S1			STRINGER			371
1	1	c488		MC12x14.3	3 11 ⁵ / ₈	A36	57
1	1	c631		MC12x14.3	3 5 ¹³ / ₁₆	A36	50
1	1	c489		MC12x14.3	14 3 ¹⁵ / ₁₆	A36	205
1	1	a20		L4x4x ³ / ₈	0 5 ¹ / ₂	A36	4
2	2	a19		L4x3x ³ / ₈	0 5 ¹ / ₂	A36	8
1	1	a21		L2x2x ¹ / ₄	3 7 ⁷ / ₁₆	A36	12
1	1	a84		L2x2x ¹ / ₄	2 4 ⁵ / ₁₆	A36	8
1	1	c627		MC12x14.3	0 7	A36	8
12	12	d149		PL ¹ / ₄ x15 ¹ / ₁₆	0 1 ¹ / ₂	BENT A36	20
1	1	d180		PL ¹ / ₄ x2 ¹ / ₈	0 4 ³ / ₈	A36	1
2	2			³ / ₄ DIA NUT		HHNT A563	
2	2			³ / ₄ WASHER		HD F436	
FIELD BOLTS							
4				³ / ₄ DIA A325N	0 1 ³ / ₄		
Total weight :							371



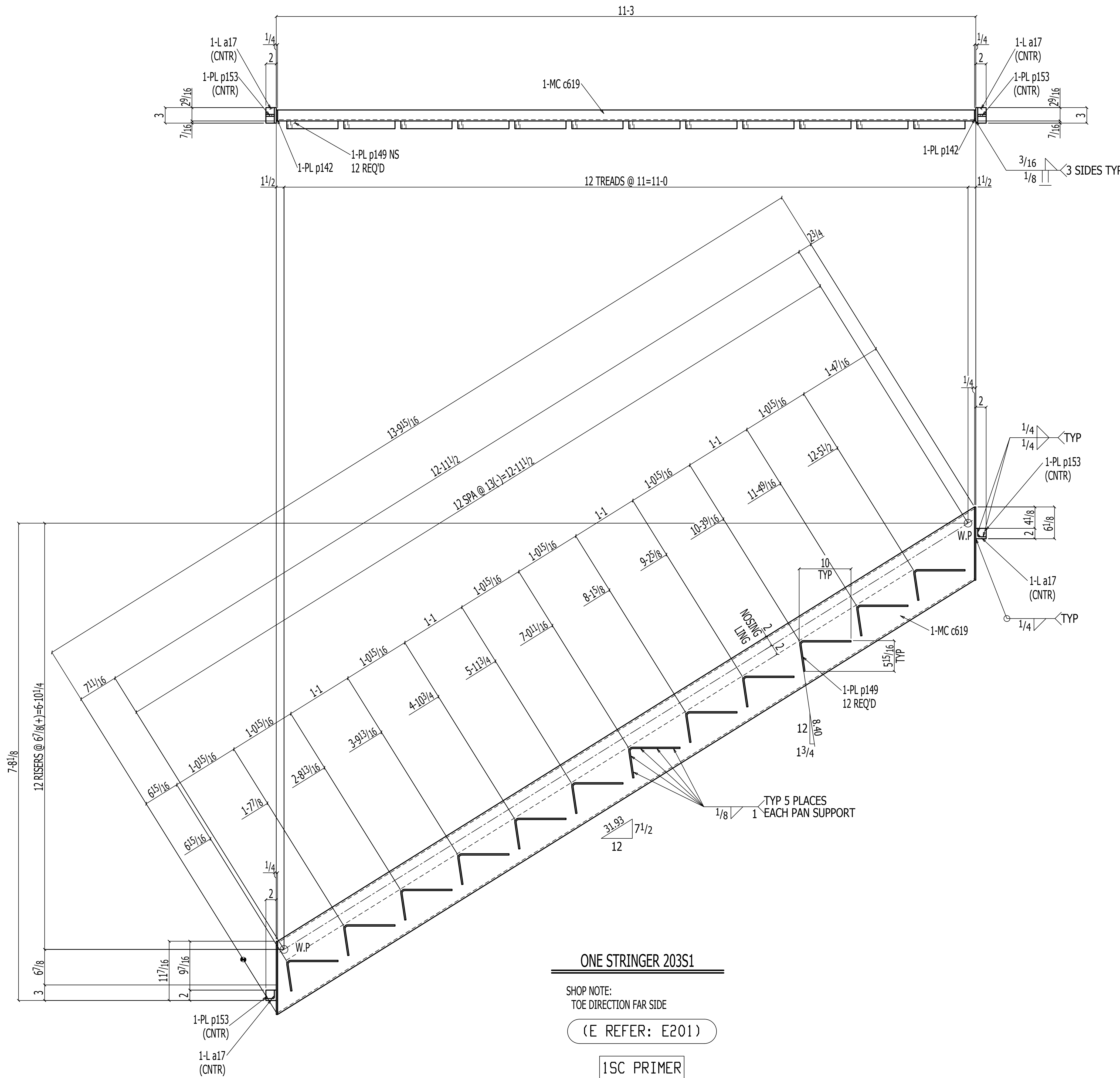
ONE STRINGER 202S1
 SHOP NOTE:
 TOE DIRECTION FAR SIDE
 (E REFER: E201)
 ISC PRIMER

- AESS FINISH:**
- Spec Section Ref Required:
 - Additional Information:
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

CAPCO STEEL ERECTION
 CERTIFIED FABRICATOR AND ERECTOR
 25C ACORN STREET
 PROVIDENCE, RI 02903
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com

PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13¹/₁₆" U.N.O WELD: E70XX
 MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022
 ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022
 TUBE STEEL: ASTM A500, GRADE B F460KSI
 PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
 WELDING U.N. E70XX JOB NO. 22-0012-5002 REV #
 E70XX-LH FOR ASTM A572-50 DWG NO. 202

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	203S1		STRINGER			224
1	1 c619		MCL2x14.3	13 9 5/16	A36	198
2	2 a17		L2x2x3/8	0 3	A36	2
2	2 p153		PL3/8x1 5/8	0 1 5/8	A36	1
12	12 p149		PL 1/2x1 5/16	0 1 1/2	BENT A36	20
2	2 p142		PL 1/2x2 1/8	1 2 1/8	A36	4
Total weight :						224

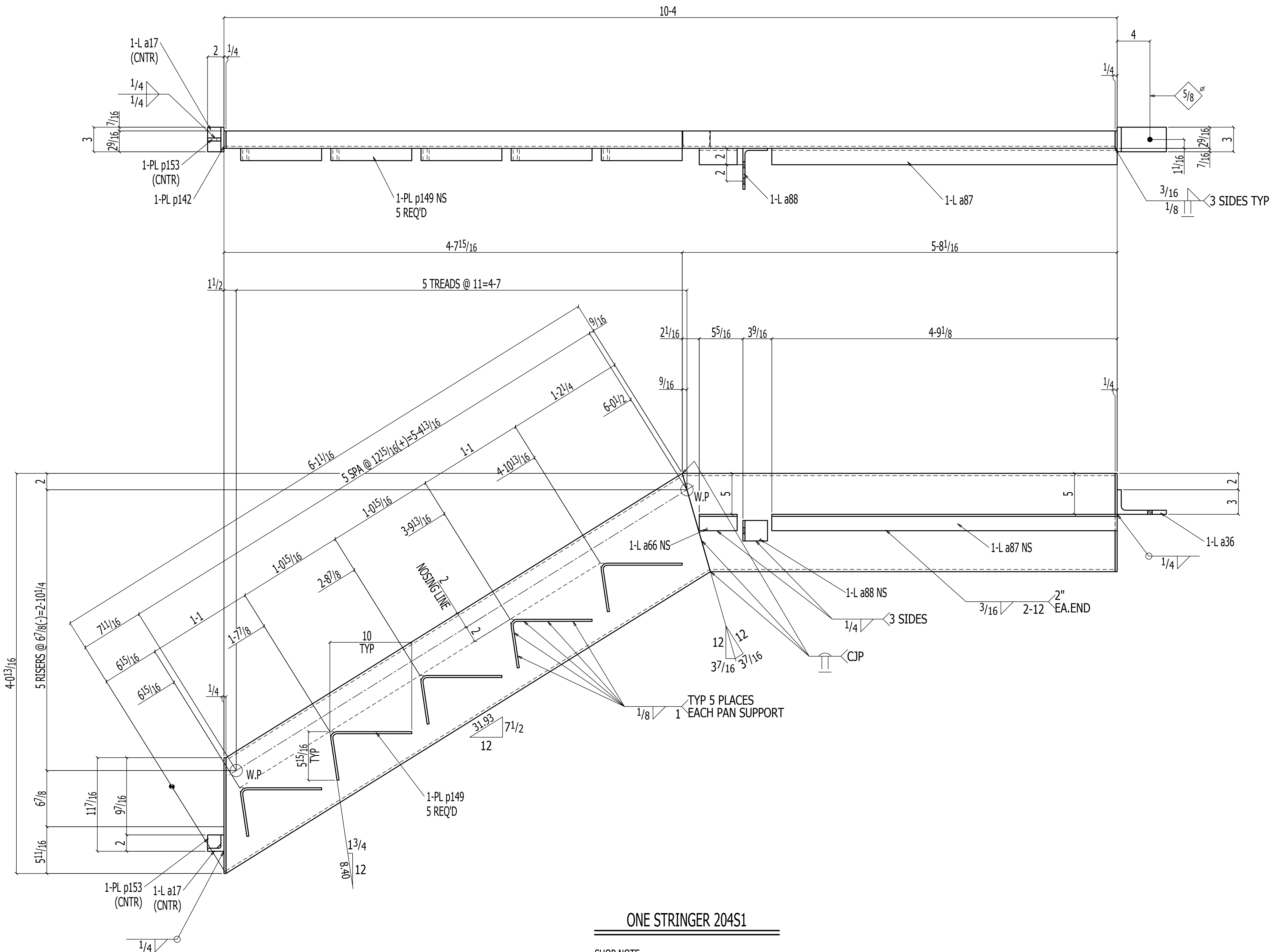
AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
 Finish #0 – No Visible Weld
 Finish #1 – Sanded and blended completely
 Finish #2 – Partially dressed weld with spatter removed
 Finish #3 – Good quality, uniform undressed weld with minimal spatter



PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13 1/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F460KSI
PIPE SCHEDULE:	E-40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE: 08-16-2022
CHECKED BY:	ALN DATE: 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	203
REV #	A

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 204S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E201)


ISC PRIMER

BILL OF MATERIAL						
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE	204S1		STRINGER			203
1	1	c644	MC12x14.3	5 7 13/16	A36	81
1	1	c620	MC12x14.3	6 1 1/16	A36	87
1	1	a36	L6x3 1/2x1/2	0 3	A36	4
1	1	a88	L5x3x1/4	0 2 1/2	A36	1
1	1	a17	L2x2x3/8	0 3	A36	1
1	1	a87	L2x2x1/4	4 9 1/8	A36	15
1	1	a66	L2x2x1/4	0 4 5/8	A36	1
1	1	p153	PL 3/8x1 3/8	0 1 5/8	A36	0
5	5	p149	PL 1/2x1 5/16	0 1 1/2	BENT A36	8
1	1	p142	PL 1/2x2 1/8	1 2 1/8	A36	2
1	1	p150	PL 1/2x2 1/8	1 0	A36	2
			FIELD BOLTS			
2			3/4 Dia A325N	0 1 3/4		
1	1		1/2 Dia HAS ROD	0 5	(EMBED=4 1/4)	
Total weight :						203

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter



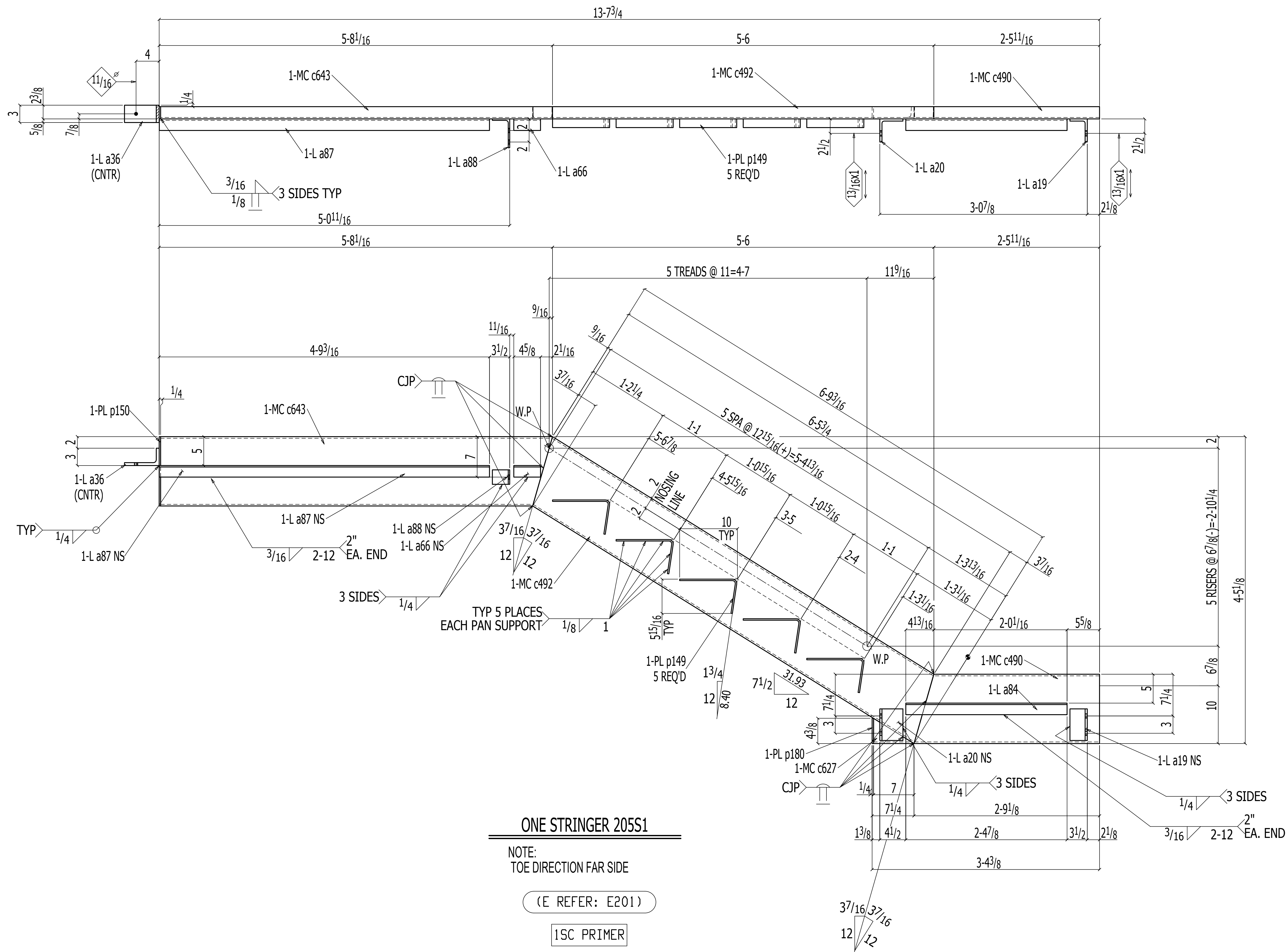
ISC
CERTIFIED
FABRICATOR
and ERECTOR

CAPCO STEEL ERECTION
TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N.	DRAWN BY	PKM	DATE	08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY	ALN	DATE	08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO.	22-0012-5002	REV #	
TUBE STEEL: ASTM A500, GRADE B F146 KS1	WELDING U.N.	E70XX	DWG NO.	204
PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B				

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

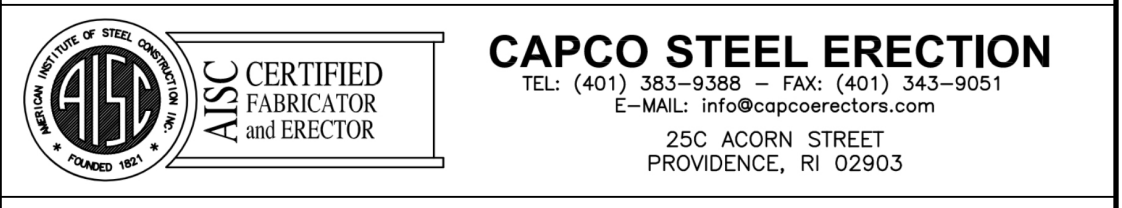


BILL OF MATERIAL						
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE	205S1		STRINGER			274
1	1	c643	MC12x14.3	5 7 ¹³ / ₁₆	A36	81
1	1	c490	MC12x14.3	2 9 ¹ / ₈	A36	39
1	1	c492	MC12x14.3	6 9 ¹ / ₁₆	A36	97
1	1	a20	L4x4x ³ / ₈	0 5 ¹ / ₂	A36	4
1	1	a36	L6x3 ¹ / ₂ x ¹ / ₂	0 3	A36	4
1	1	a19	L4x3x ³ / ₈	0 5 ¹ / ₂	A36	4
1	1	a88	L5x3x ¹ / ₄	0 2 ¹ / ₂	A36	1
1	1	a87	L2x2x ¹ / ₄	4 9 ¹ / ₈	A36	15
1	1	a84	L2x2x ¹ / ₄	2 4 ¹ / ₁₆	A36	8
1	1	a66	L2x2x ¹ / ₄	0 4 ¹ / ₈	A36	1
1	1	c627	MC12x14.3	0 7	A36	8
5	5	p149	PL ¹ / ₂ x15 ¹ / ₁₆	0 1 ¹ / ₂	BENT A36	8
1	1	p150	PL ¹ / ₂ x2 ¹ / ₈	1 0	A36	2
1	1	p180	PL ¹ / ₂ x2 ¹ / ₈	0 4 ¹ / ₈	A36	1
			FIELD BOLTS			
1	1		¹ / ₂ Dia HAS ROD	0 5	(EMBED=4 ¹ / ₄)	
Total weight :						274

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

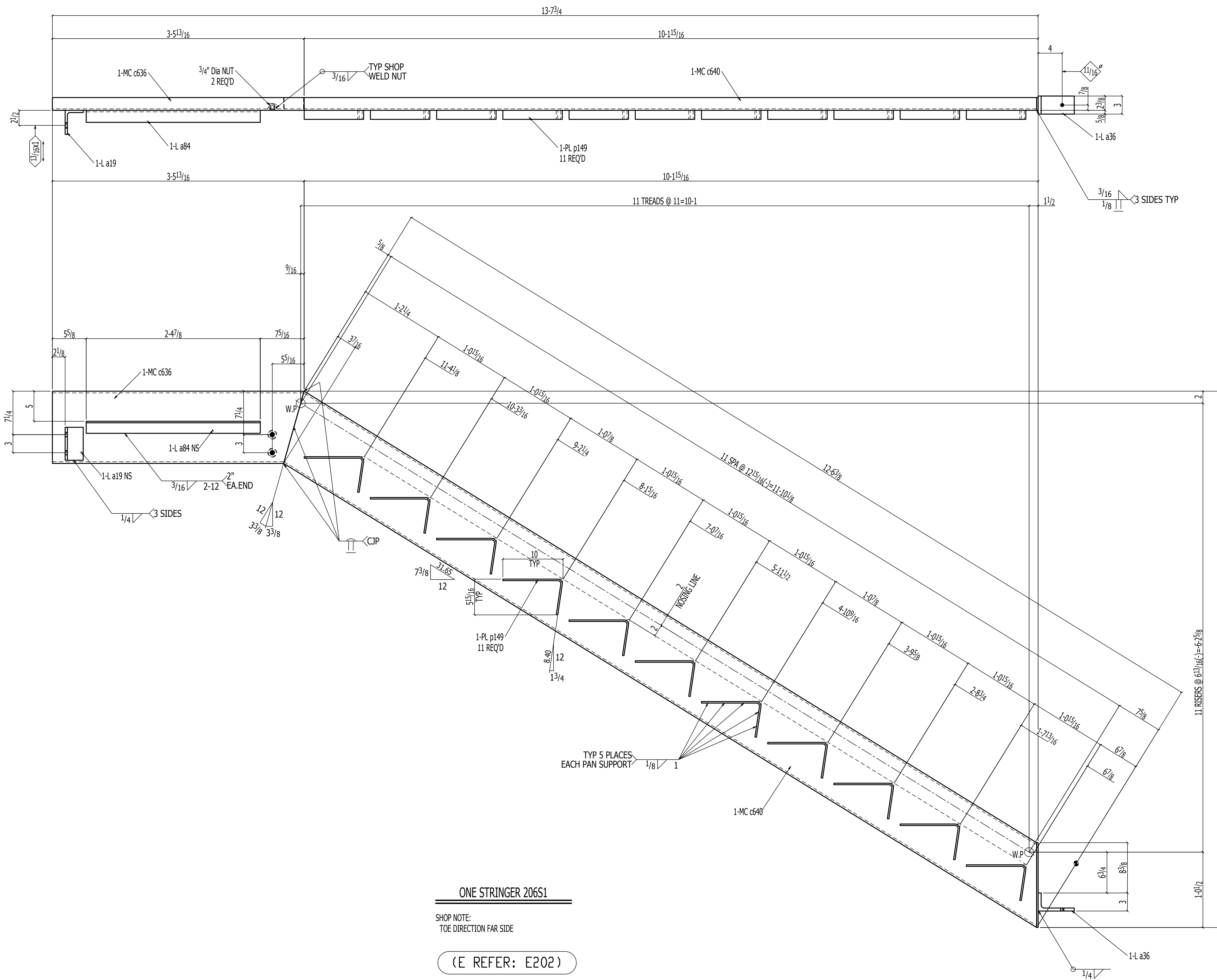


PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13 ¹ / ₁₆ U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F=48 KSI
PIPE SCHEDULE:	E-40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE: 08-16-2022
CHECKED BY:	ALN DATE: 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	205
REV #	A

A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	206S1		STRINGER			264
1	1	c636	MC12x14.3	3 5 ¹³ / ₁₆	A36	50
1	1	c640	MC12x14.3	12 6 ³ / ₈	A36	179
1	1	a36	L6x3 ¹ / ₂ x ¹ / ₂	0 3	A36	4
1	1	a19	L4x3x ³ / ₈	0 5 ¹ / ₂	A36	4
1	1	a84	L2x2x ¹ / ₄	2 4 ¹⁵ / ₁₆	A36	8
11	11	p149	PL ¹ / ₂ x15 ¹ / ₁₆	0 1 ¹ / ₂	BENT A36	18
1	1	p184	PL ¹ / ₂ x2 ¹ / ₈	1 2 ¹ / ₈	A36	2
2	2	b119	³ / ₄ NUT		HHNT A563	
2	2	b119	³ / ₄ WASHER		HD F436	
FIELD BOLTS						
2			³ / ₄ Dia A325N	0 1 ³ / ₄		
1	1		¹ / ₂ Dia HAS ROD	0 5	(EMBED=4 ¹ / ₄)	
Total weight :						264



ONE STRINGER 206S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E202)

ISC PRIMER

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

AESS FINISH:

Spec Section Ref Required:

Additional Information:

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

Finish #0 - No Visible Weld

Finish #1 - Sanded and blended completely

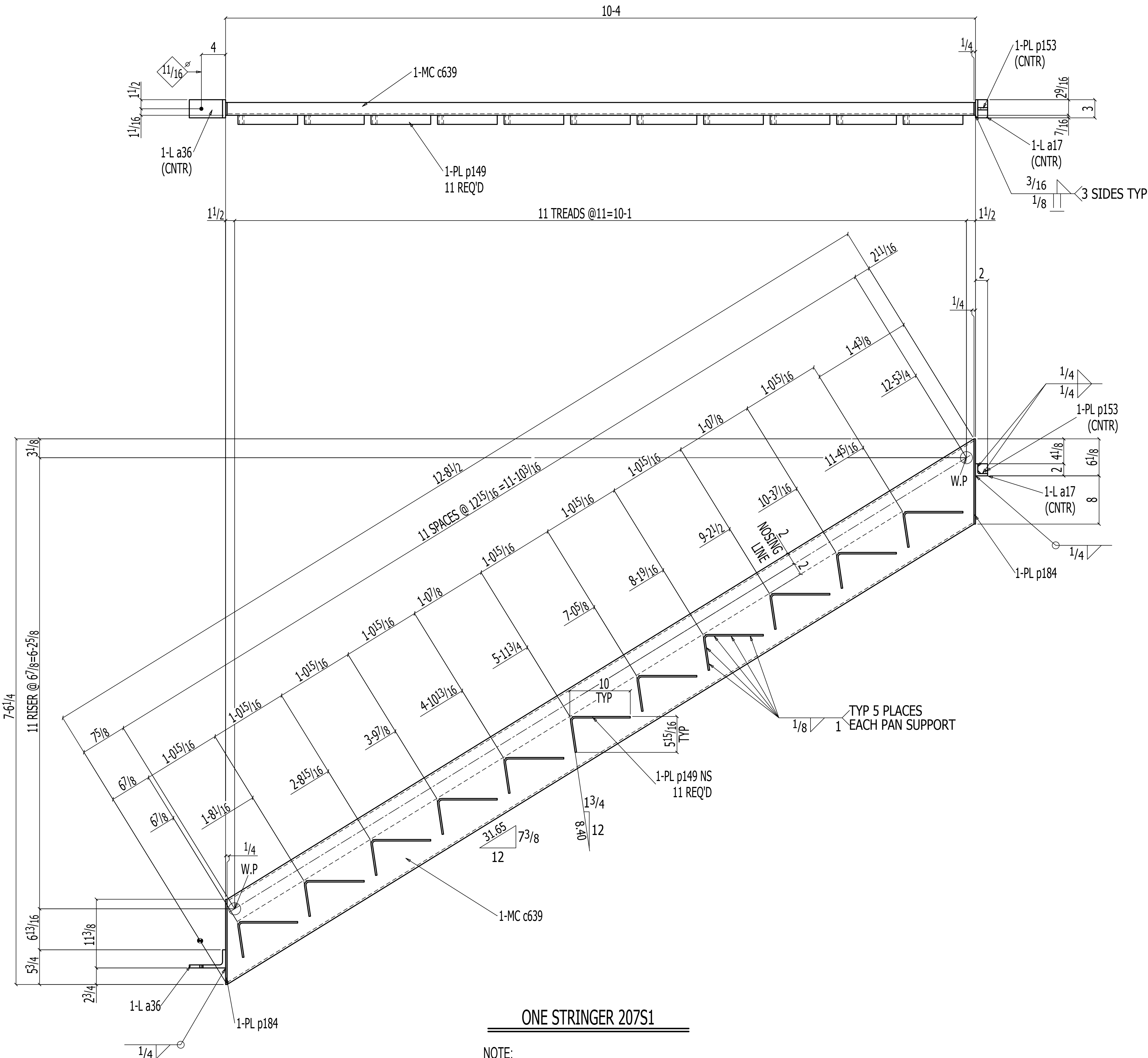
Finish #2 - Partially dressed weld with spatter removed

Finish #3 - Good quality, uniform undressed weld with minimal spatter

APSC CERTIFIED FABRICATOR AND ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13 ¹ / ₁₆ U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A501, GRADE B F ₄₆₀ KS
PIPE, SHEET PILE AND CONCRETE:	TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE: 08-16-2022
CHECKED BY:	ALN DATE: 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	206



ONE STRINGER 207S1

NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE	207S1		STRINGER			209
1	1	c639	MC12x14.3	12 8 1/2	A36	182
1	1	a36	L6x3 1/2x1/2	0 3	A36	4
1	1	a17	L2x2x3/8	0 3	A36	1
1	1	p153	PL3/8x15/8	0 15/8	A36	0
11	11	p149	PL1/4x15 1/16	0 1 1/2	BENT A36	18
2	2	p184	PL1/4x2 1/8	1 2 1/8	A36	4
			FIELD BOLTS			
1	1		1/2 Dia HAS ROD	0 5	(EMBED=4 1/4)	
Total weight :						209

AESS FINISH:

Spec Section Ref Required:

Additional Information:

NOMMA Joint Finishes: www.nomma.org

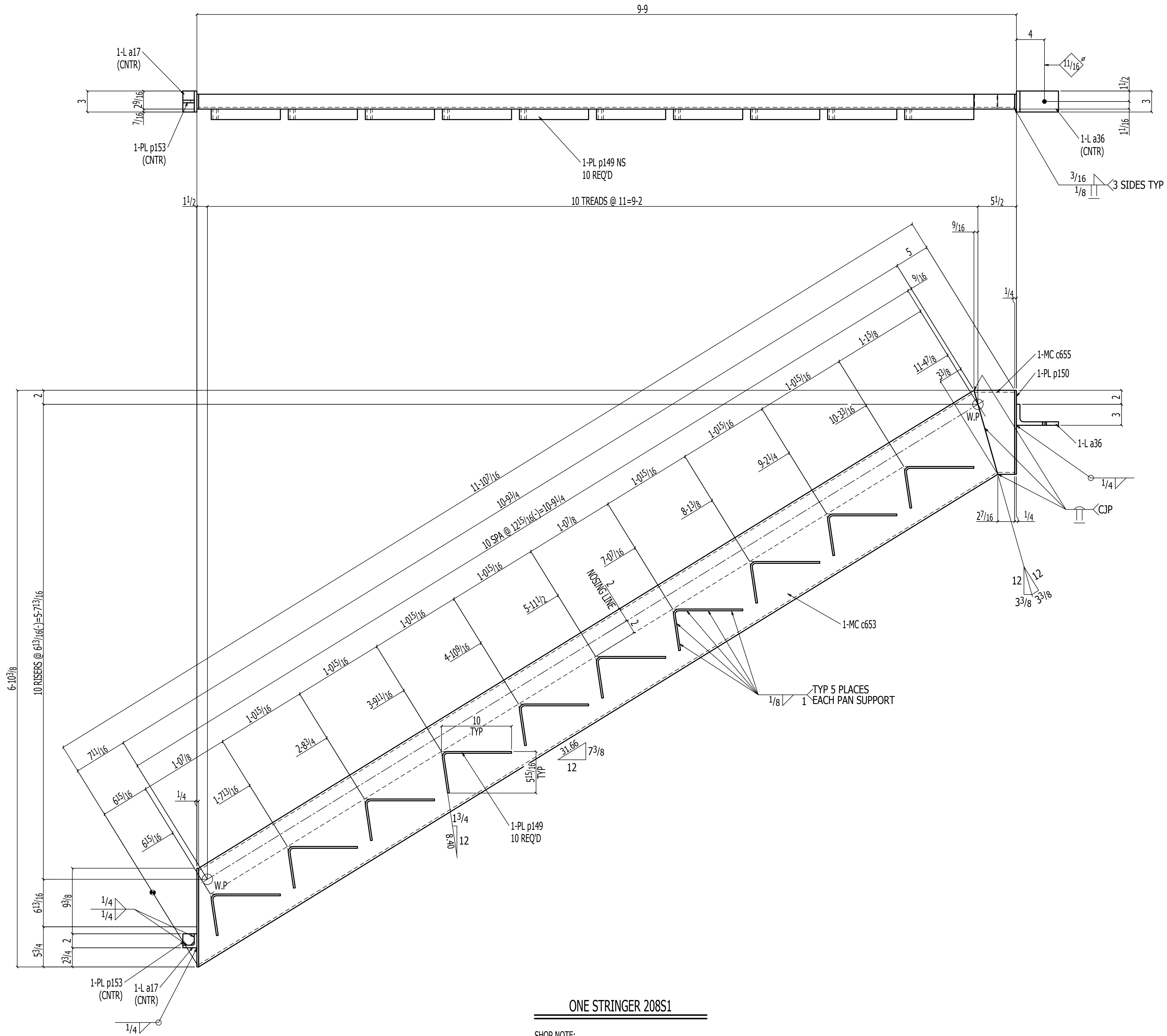
Spec Section Ref Required:

Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter



PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	DRAWN BY PKM DATE 08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY ALN DATE 08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO. 22-0012-5002 REV #
TUBE STEEL: ASTM A500, GRADE B F146/151	DWG NO. 207
PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B	
WELDING U.N. E70XX	
E70XX-LH FOR ASTM A572-50	

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 208S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E202)

1SC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE	208S1		STRINGER			196
1	1	c655	MC12x14.3	0 5 ¹³ / ₁₆	A36	7
1	1	c653	MC12x14.3	11 5 ⁷ / ₁₆	A36	164
1	1	a36	L6x3 ¹ / ₂ x ¹ / ₂	0 3	A36	4
1	1	a17	L2x2x ³ / ₈	0 3	A36	1
1	1	p153	PL ³ / ₈ x4 ³ / ₈	0 1 ⁵ / ₈	A36	0
10	10	p149	PL ¹ / ₂ x4 ⁵ / ₁₆	0 1 ¹ / ₂	BENT A36	16
1	1	p184	PL ¹ / ₂ x2 ¹ / ₈	1 2 ¹ / ₈	A36	2
1	1	p150	PL ¹ / ₂ x2 ¹ / ₈	1 0	A36	2
			FILED BOLTS			
1	1		¹ / ₂ Dia HAS ROD	0 5	(EMBED=4 ¹ / ₄)	
Total weight :						196

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

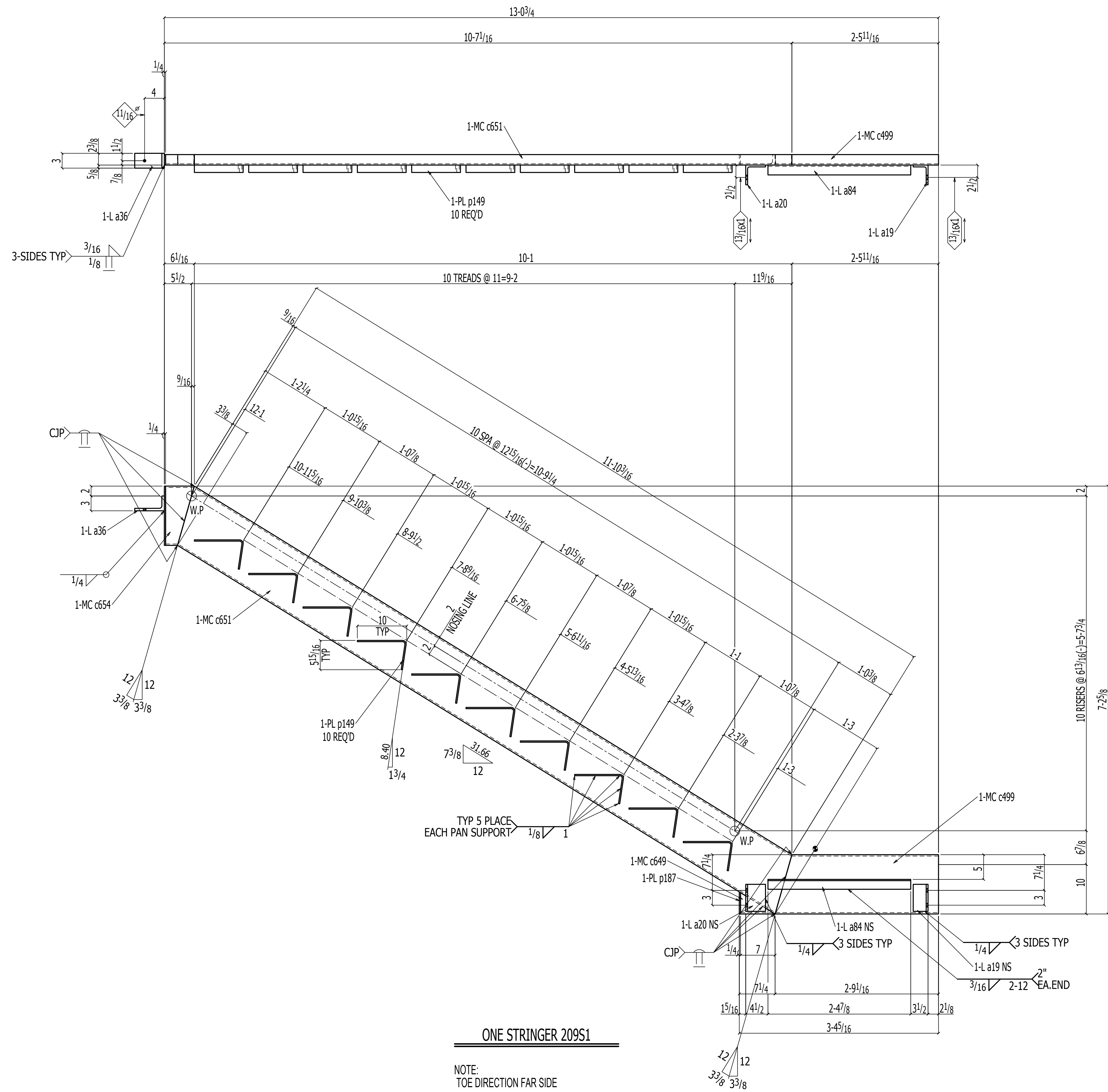


ASCE
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FABRICATOR
and ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 1 ³ / ₁₆ " U.N.O WELD: E70XX
MATERIAL U.N.	DRAWN BY PKM DATE 08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY ALN DATE 08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO. 22-0012-5002
TUBE STEEL: ASTM A500, GRADE B F _y =48 KSI	WELDING U.N. E70XX
PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B	DWG NO. 208
WELDING U.N. E70XX	REV # A
E70XX-LH FOR ASTM A572-50	

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 209S1

NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E201)

ISC PRIMER

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE		209S1	STRINGER			267
1	1	c654	MC12x14.3	0 5 13/16	A36	7
1	1	c499	MC12x14.3	2 9 1/16	A36	39
1	1	c651	MC12x14.3	12 19 1/16	A36	173
1	1	a20	L4x4x3/8	0 5 1/2	A36	4
1	1	a36	L6x3 1/2x2 1/2	0 3	A36	4
1	1	a19	L4x3x3/8	0 5 1/2	A36	4
1	1	a84	L2x2x1/4	2 4 15/16	A36	8
1	1	c649	MC12x14.3	0 7	A36	8
10	10	p149	PL 1/4x15 1/16	0 1 1/2	BENT A36	16
1	1	p150	PL 1/4x2 1/8	1 0	A36	2
1	1	p187	PL 1/4x2 1/8	0 4 1/16	A36	1
			FIELD BOLTS			
2			3/4 Dia A325N	0 1 3/4		
1	1		1/2 Dia HAS ROD	0 5	(EMBED=4 1/4)	
Total weight :						267

- AESS FINISH:**
- Spec Section Ref Required:
 - Additional Information:
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

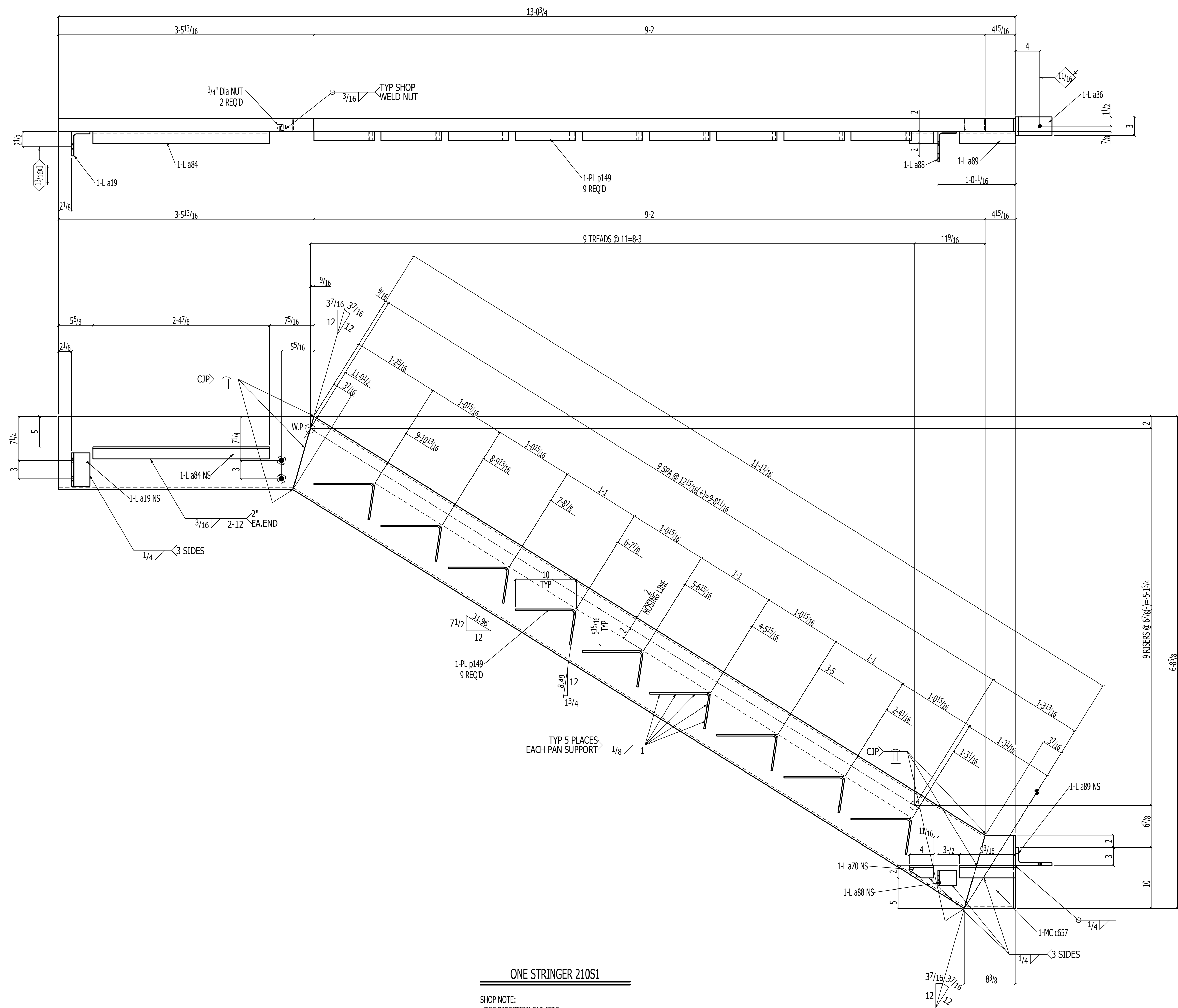
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022
ANGLES, BARS AND PLATES:	ASTM A36 CHECKED BY ALN DATE 08-16-2022
TUBE STEEL:	ASTM A500, GRADE B F=48 KSI
PIPE SCHEDULE:	40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX JOB NO. 22-0012-5002 REV #
E70XX-LH FOR ASTM A572-50	DWG NO. 209

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

BILL OF MATERIAL

QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT						TOTAL
ONE		210S1		STRINGER			255
1	1	c657		MC12x14.3	0 8 1/8	A36	10
1	1	c729		MC12x14.3	3 5 13/16	A36	50
1	1	c506		MC12x14.3	11 1 1/16	A36	159
1	1	a36		1/2x3 1/2x1/2	0 3	A36	4
1	1	a19		1/4x3x3/8	0 5 1/2	A36	4
1	1	a88		1/5x3x1/4	0 2 1/2	A36	1
1	1	a84		1/2x2x1/4	2 4 15/16	A36	8
1	1	a89		1/2x2x1/4	0 9 1/16	A36	2
1	1	a70		1/2x2x1/4	0 4	A36	1
9	9	p149		PL 1/4x15 1/16	0 1 1/2	BENT A36	15
1	1	p150		PL 1/4x2 1/8	1 0	A36	2
2	2	bt9		3/4 NUT		HNNT A563	
2	2	bt9		3/4 WASHER		HD F436	
FIELD BOLTS							
2				3/4 Dia A325N	0 1 3/4		
1	1			1/2 Dia HAS ROD	0 5	(EMBED=4 1/4)	
Total weight :							255



ONE STRINGER 210S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E202)

ISC PRIMER

10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY
		REVISION

AESS FINISH:

Spec Section Ref Required:

Additional Information:

- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

CAPCO STEEL ERECTION
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

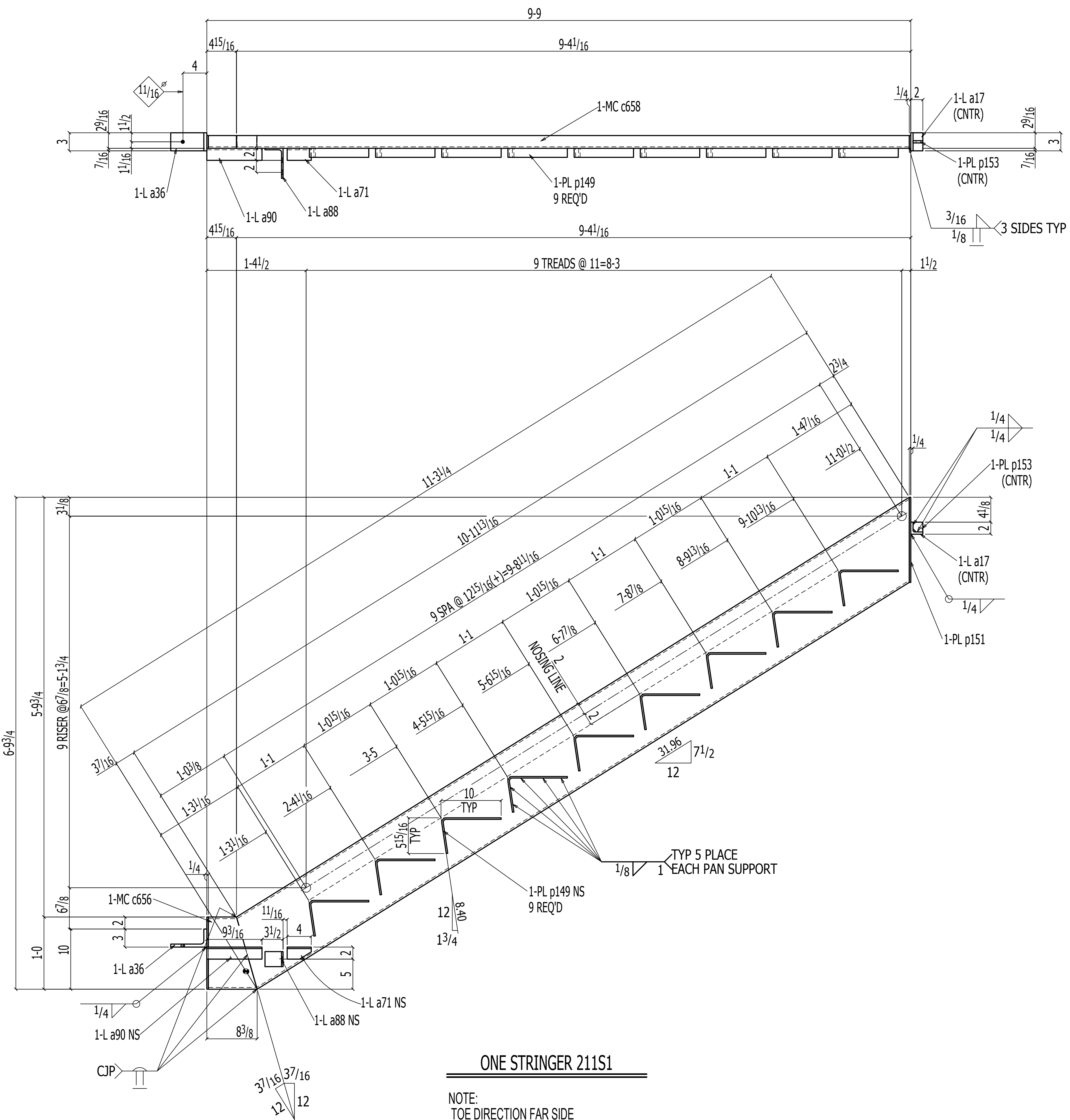
ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N.	DRAWN BY	PKM	DATE	08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY	ALN	DATE	08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO.	22-0012-5002	REV #	
TUBE STEEL: ASTM A500, GRADE B F460KS	WELDING U.N.	E70XX	DWG NO.	210
PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B				



ONE STRINGER 211S1

NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E202)

ISC PRIMER

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	211S1		STRINGER			200
1	1	c656	MC12x14.3	0 8 1/8	A36	10
1	1	c658	MC12x14.3	11 3 1/4	A36	161
1	1	a36	L6x3 1/2x1/2	0 3	A36	4
1	1	a88	L5x3x1/4	0 2 1/2	A36	1
1	1	a17	L2x2x3/8	0 3	A36	1
1	1	a90	L2x2x1/4	0 9 3/16	A36	2
1	1	a71	L2x2x1/4	0 4	A36	1
1	1	p153	PL 3/8x1 3/8	0 1 5/8	A36	0
9	9	p149	PL 1/2x1 5/16	0 1 1/2	BENT A36	15
1	1	p151	PL 1/2x2 1/8	1 2 3/16	A36	2
1	1	p150	PL 1/2x2 1/8	1 0	A36	2
			FIELD BOLTS			
1	1		1/2 Dia HAS ROD	0 5	(EMBED=4 1/4)	
Total weight :						200

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

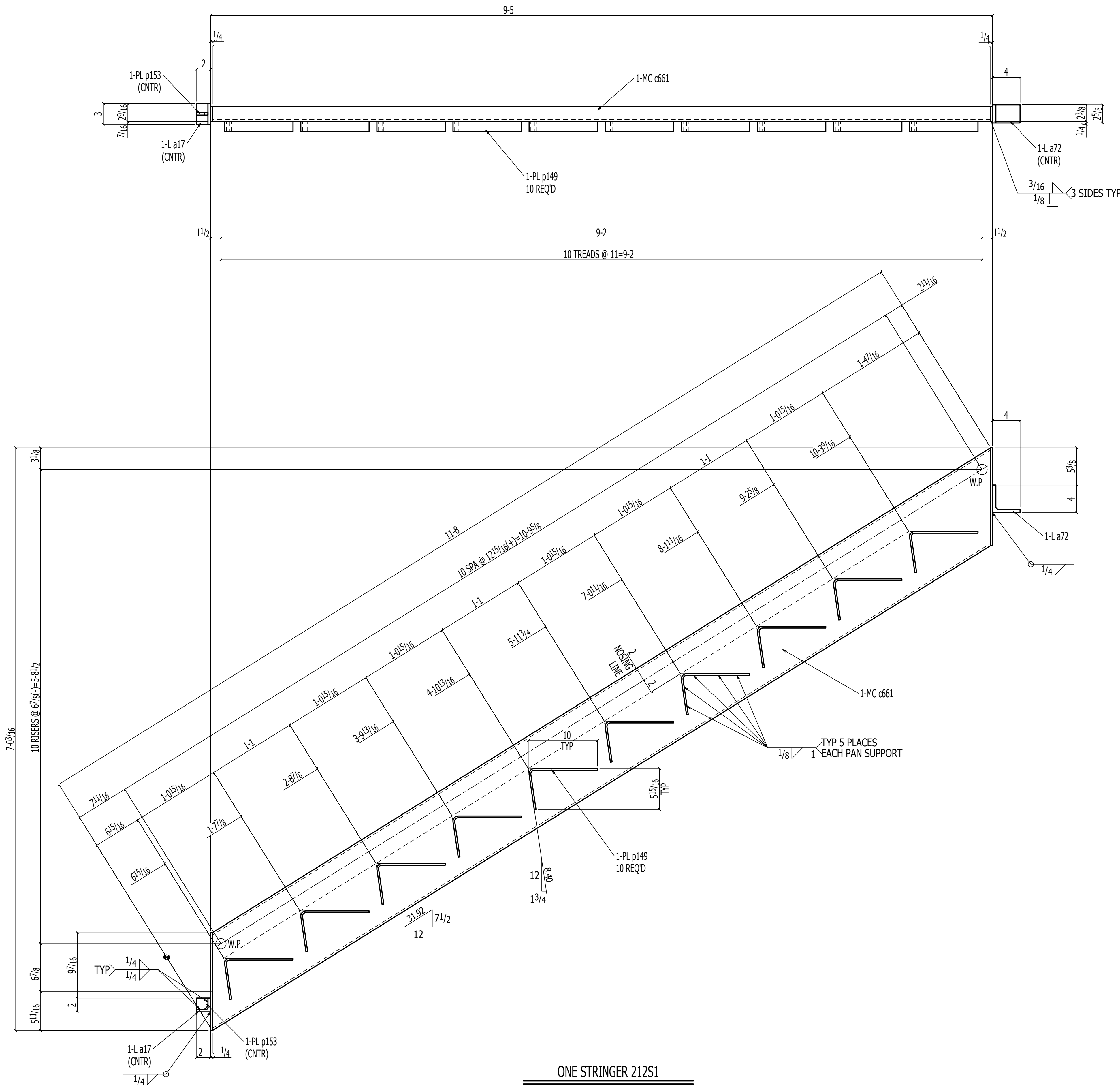
- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F=48 KSI
PIPE SCHEDULE:	E-40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE: 08-16-2022
CHECKED BY:	ALN DATE: 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	211
REV #	A

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 212S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E202)

ISC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK					TOTAL
ONE		212S1		STRINGER			192
1	1	c661		MC12x14.3	11.8	A36	167
1	1	a72		L4x4x1/2	0.25/8	A36	3
1	1	a17		L2x2x3/8	0.3	A36	1
1	1	p153		PL3/8x15/8	0.15/8	A36	0
10	10	p149		PL1/2x15/16	0.11/2	BENT A36	16
2	2	p142		PL1/2x21/8	1.21/8	A36	4
Total weight :							192

AESS FINISH:

- Spec Section Ref Required:
- Additional Information:

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

TUBE STEEL: ASTM A500, GRADE B F146/151 JOB NO. 22-0012-5002 REV #

PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B DWG NO. 212

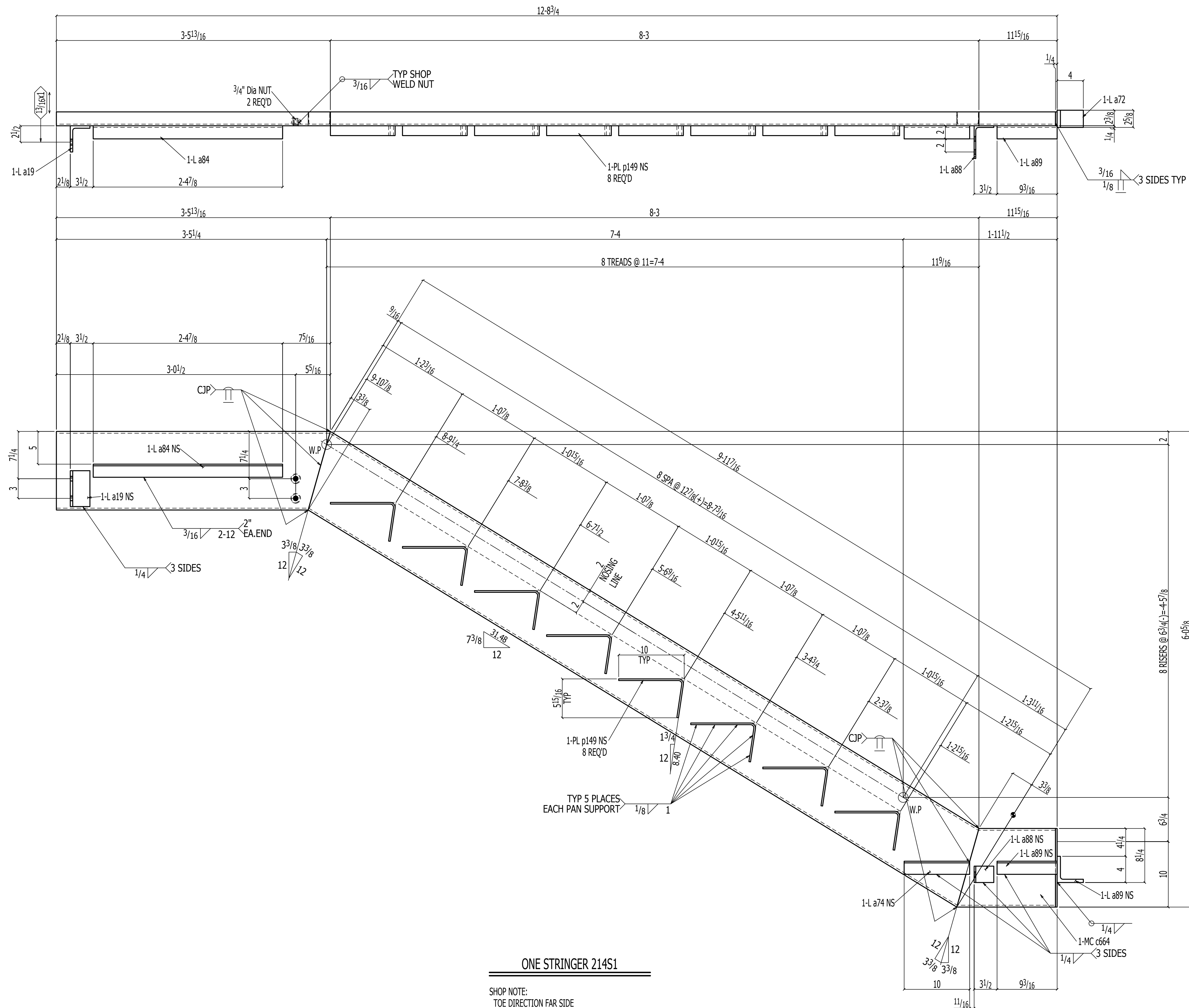
WELDING U.N. E70XX

E70XX-LH FOR ASTM A572-50

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

BILL OF MATERIAL

QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT						TOTAL
ONE	214S1			STRINGER			246
1	1 c664			MC12x14.3	1 3 1/16	A36	18
1	1 c890			MC12x14.3	3 5 13/16	A36	50
1	1 c516			MC12x14.3	9 11 1/2	A36	142
1	1 a72			L4x4x1/2	0 2 9/8	A36	3
1	1 a19			L4x3x3/8	0 5 1/2	A36	4
1	1 a88			L5x3x1/4	0 2 1/2	A36	1
1	1 a84			L2x2x1/4	2 4 15/16	A36	8
1	1 a74			L2x2x1/4	0 10	A36	3
1	1 a89			L2x2x1/4	0 9 9/16	A36	2
8	8 p149			PL 1/2x15 1/16	0 1 1/2	BENT A36	13
1	1 p150			PL 1/2x2 1/8	1 0	A36	2
2	2 bh9			3/4 NUT		HNNT A563	
2	2 bh9			3/4 WASHER		HD F436	
				FIELD BOLTS			
2				3/4 Dia A325N	0 1 3/4		
Total weight :							246



ONE STRINGER 214S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E203)

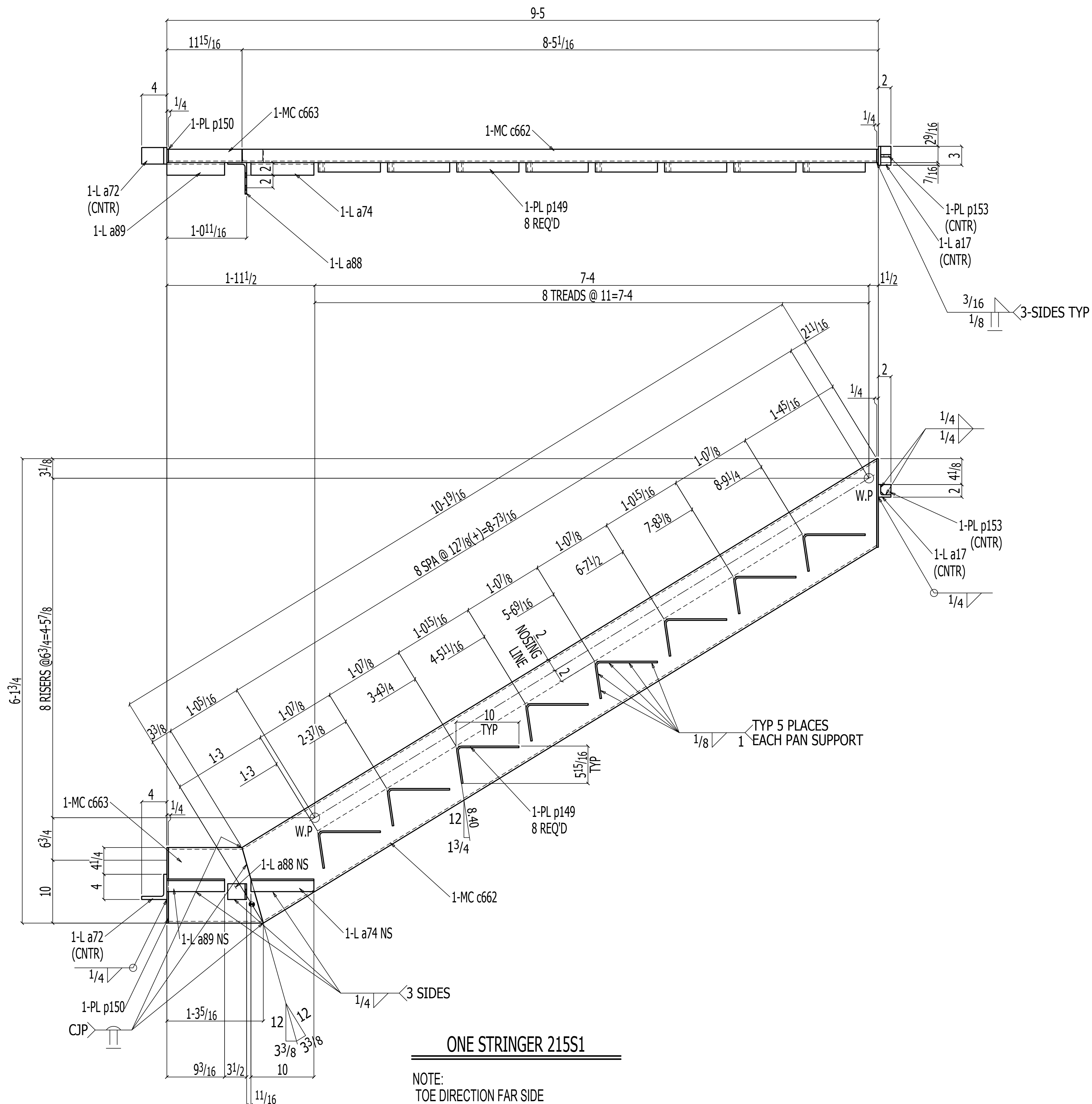
ISC PRIMER

- AESS FINISH:**
- Spec Section Ref Required:
 - Additional Information:
- NOMMA Joint Finishes:** www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	DRAWN BY PKM DATE 08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY ALN DATE 08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO. 22-0012-5002
TUBE STEEL: ASTM A500, GRADE B F460 KS	REV #
PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B	WELDING U.N. E70XX
	HD F436
	DWG NO. 214


A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



BILL OF MATERIAL							
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT	
TOTAL	UNIT	MARK				TOTAL	
ONE	215S1		STRINGER			191	
1	1	c663	MC12x14.3	1	3 1/16	A36	18
1	1	c662	MC12x14.3	10	1 3/8	A36	145
1	1	a72	L4x4x1/2	0	2 3/8	A36	3
1	1	a88	L5x3x1/4	0	2 1/2	A36	1
1	1	a17	L2x2x3/8	0	3	A36	1
1	1	a74	L2x2x1/4	0	10	A36	3
1	1	a89	L2x2x1/4	0	9 3/16	A36	2
1	1	p153	PL 3/8x1 3/8	0	1 3/8	A36	0
8	8	d149	PL 1/4x1 5/16	0	1 1/2	BENT A36	13
1	1	p195	PL 1/4x2 1/8	1	2 1/16	A36	2
1	1	p150	PL 1/4x2 1/8	1	0	A36	2
Total weight :						191	

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
 Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

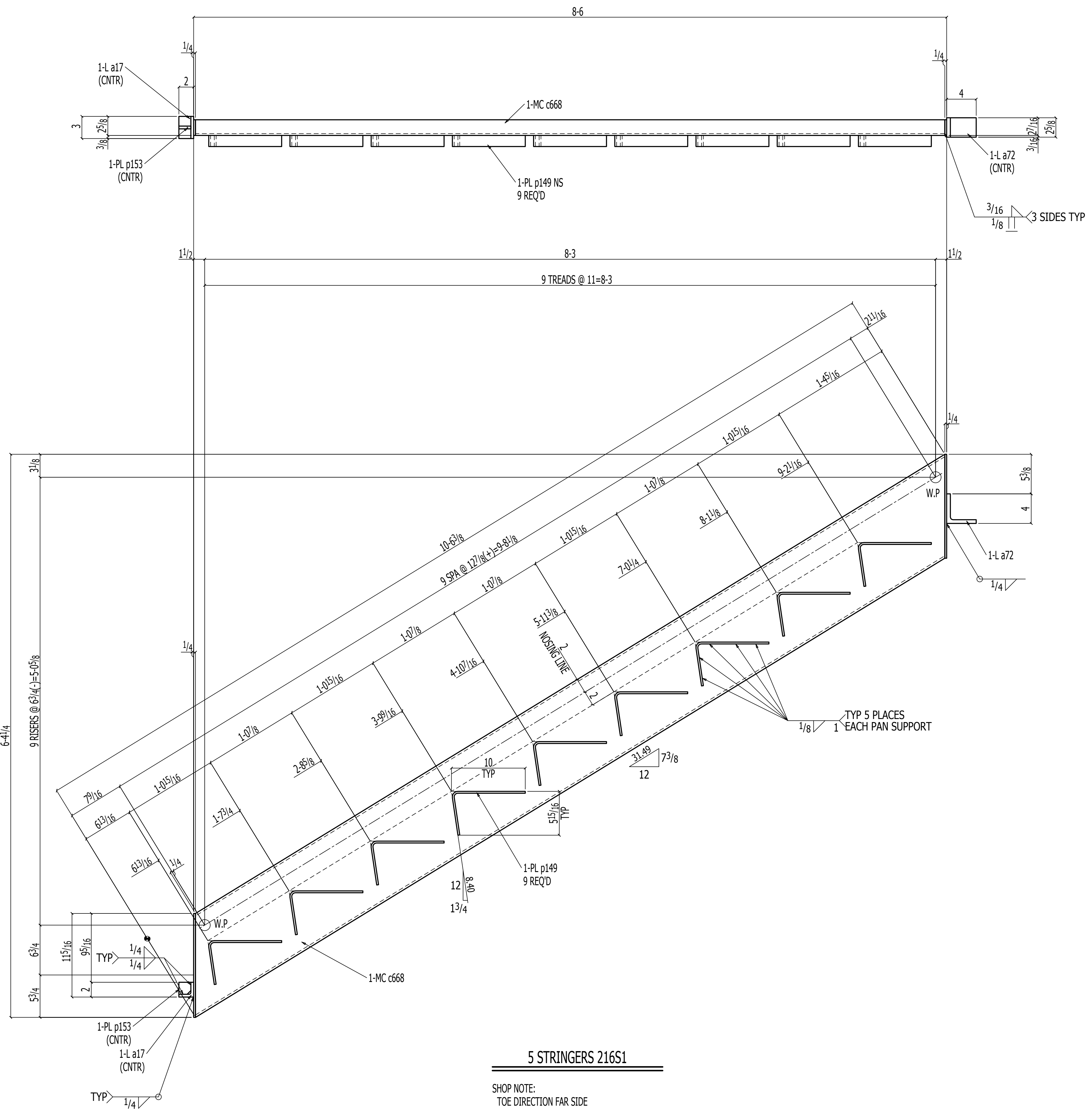


ISC CERTIFIED
FABRICATOR
AND ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	DRAWN BY PKM DATE 08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY ALN DATE 08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO. 22-0012-5002
TUBE STEEL: ASTM A500, GRADE B F=48 KSI	REV #
PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B	WELDING U.N. E70XX
	DWG NO. 215
	REV # A

△	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



5 STRINGERS 216S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E203)

ISC PRIMER

BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
5		216S1	STRINGER			869
5	1	c668	MC12x14.3	10 6 ³ / ₈	A36	753
5	1	a72	L4x4x1/2	0 2 ⁵ / ₈	A36	14
5	1	a17	L2x2x3/8	0 3	A36	6
5	1	p153	PL3/8x15/8	0 1 ⁵ / ₈	A36	1
45	9	p149	PL1/2x15/16	0 1 1/2	BENT A36	73
10	2	p195	PL1/2x2 1/8	1 2 1/16	A36	21
Total weight :						869

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

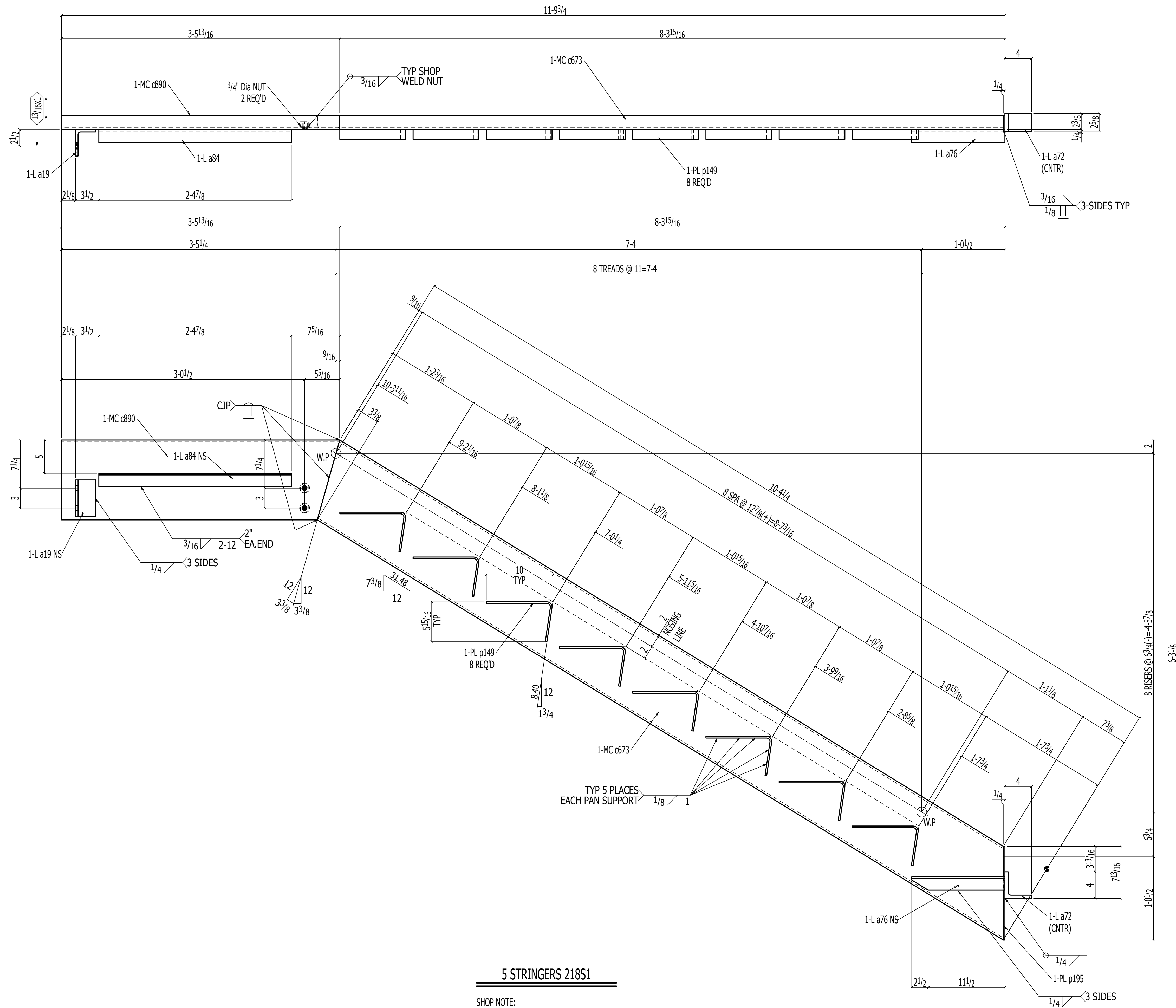


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CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F146 KS
PIPE:	SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE: 08-16-2022
CHECKED BY:	ALN DATE: 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	216

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



5 STRINGERS 218S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E203)

ISC PRIMER

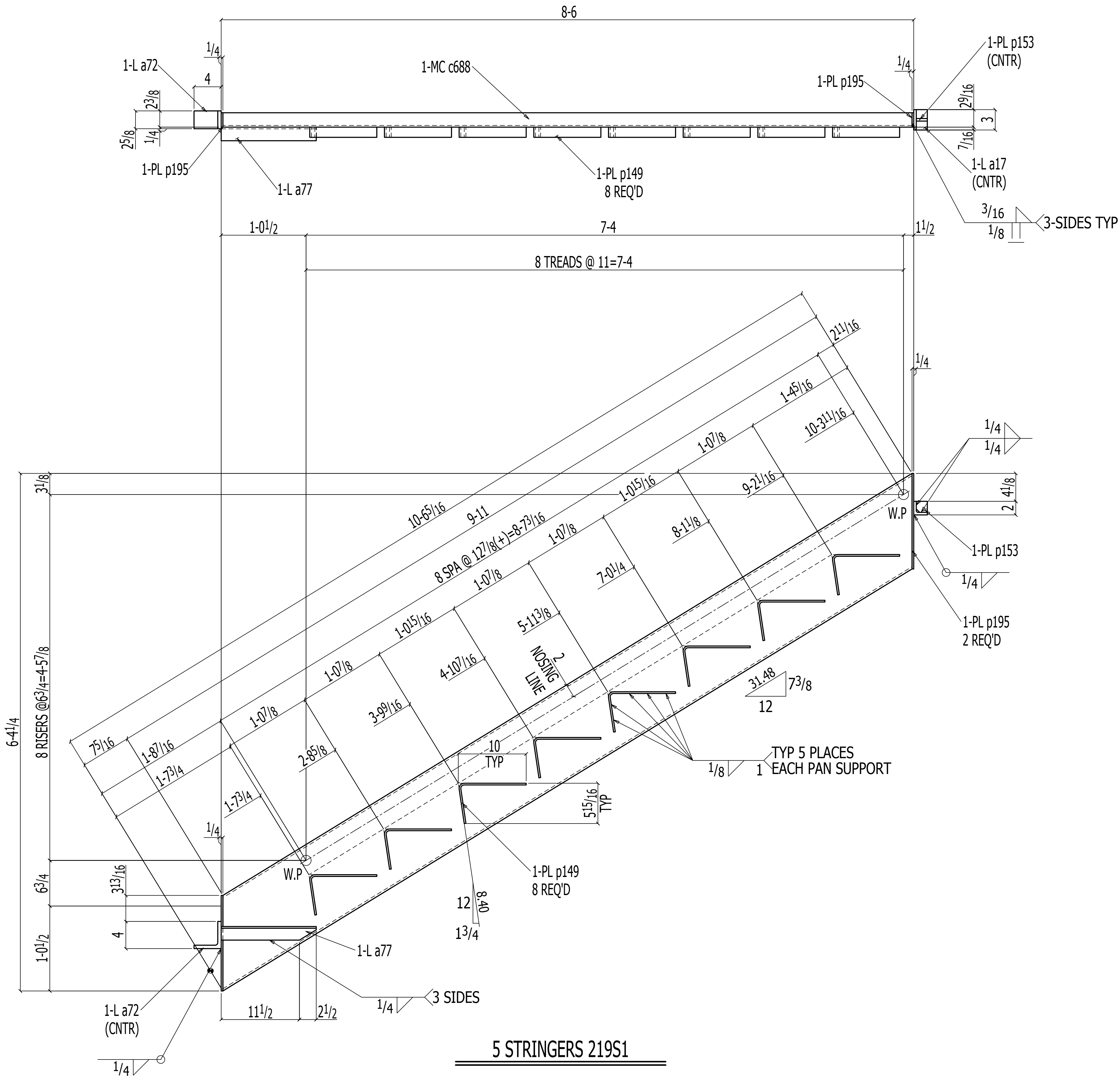
BILL OF MATERIAL						
QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	WEIGHT
TOTAL	UNIT				REMARKS	TOTAL
5		218S1		STRINGER		1156
5	1	c890		MC12x14.3	3 5 1/16	A36 249
5	1	c673		MC12x14.3	10 4 1/4	A36 740
5	1	a72		L4x4x1/2	0 2 3/8	A36 14
5	1	a19		L4x3x3/8	0 5 1/2	A36 19
5	1	a84		L2x2x1/4	2 4 5/16	A36 38
5	1	a76		L2x2x1/4	1 2	A36 19
40	8	p149		PL 1/2x15 1/16	0 1 1/2	BENT A36 65
5	1	p195		PL 1/2x2 1/8	1 2 1/16	A36 11
10	2	h19		3/4 NUT		HNUT A563
10	2	h19		3/4 WASHER		HD F436
				FIELD BOLTS		
10				3/4 Dia A325N	0 1 3/4	
Total weight :						1156

- AESS FINISH:**
- Spec Section Ref Required:
- Additional Information;
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 – No Visible Weld
 - Finish #1 – Sanded and blended completely
 - Finish #2 – Partially dressed weld with spatter removed
 - Finish #3 – Good quality, uniform undressed weld with minimal spatter

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13 1/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F146/151
PIPE:	SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY	PKM
CHECKED BY	ALN
JOB NO.	22-0012-5002
DWG NO.	218
DATE	08-16-2022
DATE	08-16-2022
REV #	
	A

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



5 STRINGERS 219S1

NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E203)

1SC PRIMER

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
5		219S1	STRINGER			879
5	1	c688	MCI2x14.3	10 6 3/8	A36	753
5	1	a72	L4x4x1/2	0 2 3/8	A36	14
5	1	a77	L2x2x3/8	0 3	A36	6
5	1	a77	L2x2x1/4	1 2	A36	19
5	1	p153	PL 3/8x3 1/2	0 1 5/8	A36	1
40	8	p149	PL 1/4x15 1/2	0 1 1/2	BENT A36	65
10	2	p195	PL 1/4x2 1/8	1 2 1/8	A36	21

Total weight : 879

AESS FINISH:

- Spec Section Ref Required:
- Additional Information;

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
TEL: (401) 383-9388 - FAX: (401) 343-9051
E-MAIL: info@capcoerectors.com
25C ACORN STREET
PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13 1/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

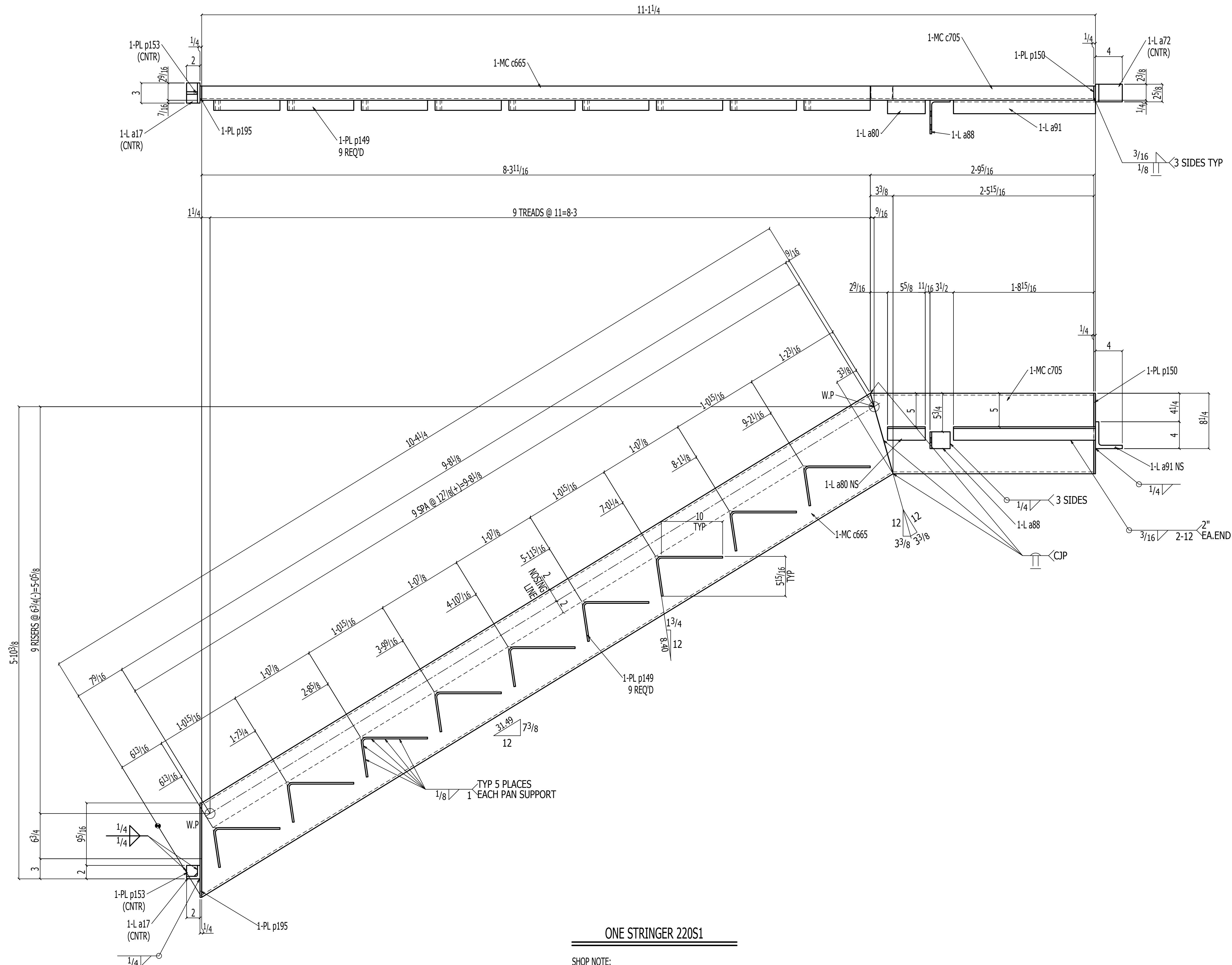
ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

TUBE STEEL: ASTM A500, GRADE B F4445S1 JOB NO. 22-0012-5002 REV #

WELDING U.N. E70XX DWG NO. 219

E70XX-LH FOR ASTM A572-50

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 220S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E205)

ISC PRIMER

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	220S1		STRINGER			219
1	1	c705	MC12x14.3	2 95/16	A36	40
1	1	c665	MC12x14.3	10 4 1/4	A36	148
1	1	a72	L4x4x1/2	0 25/8	A36	3
1	1	a88	L5x3x1/4	0 2 1/2	A36	1
1	1	a17	L2x2x3/8	0 3	A36	1
1	1	a91	L2x2x1/4	1 93/16	A36	6
1	1	a80	L2x2x1/4	0 55/8	A36	1
1	1	p153	PL3/8x15 3/8	0 15/8	A36	0
9	9	p149	PL1/4x15 7/16	0 1 1/2	BENT A36	15
1	1	p195	PL1/4x2 1/8	1 2 1/16	A36	2
1	1	p150	PL1/4x2 1/8	1 0	A36	2
Total weight :						219

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

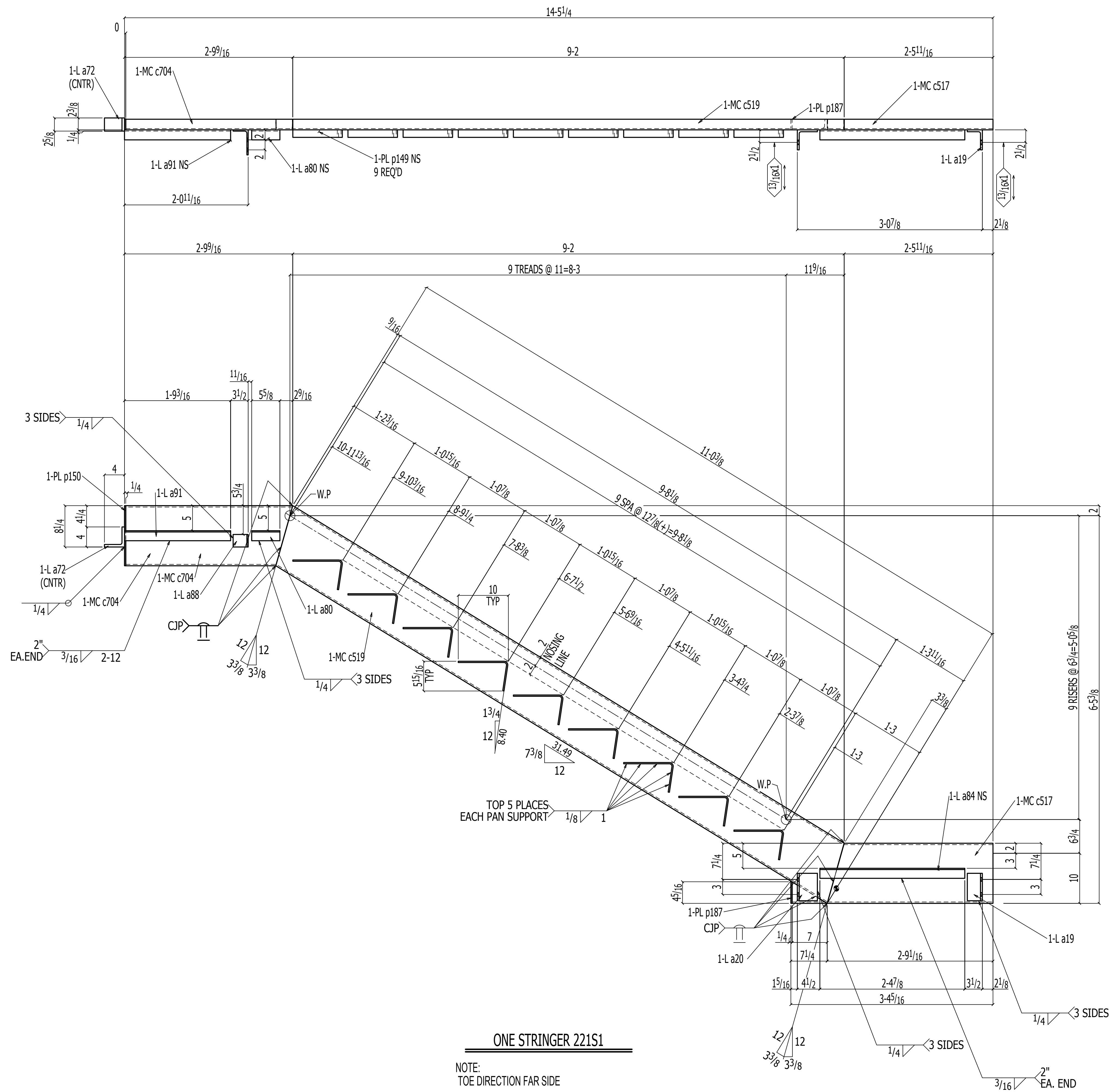


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AND ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F=48 KSI
PIPE, SHEET PILE AND CONCRETE:	TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY	PKM DATE 08-16-2022
CHECKED BY	ALN DATE 08-16-2022
JOB NO.	22-0012-5002
DWG NO.	220
REV #	A

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 221S1

NOTE:
TOE DIRECTION FAR SIDE


(E REFER: E205)

1SC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT						TOTAL
ONE		221S1		STRINGER			290
1	1	c704		MC12x14.3	2 9 ⁵ / ₁₆	A36	40
1	1	c517		MC12x14.3	2 9 ¹ / ₁₆	A36	39
1	1	c519		MC12x14.3	11 0 ³ / ₈	A36	158
1	1	a72		L4x4x ¹ / ₂	0 2 ⁵ / ₈	A36	3
1	1	a20		L4x4x ³ / ₈	0 5 ¹ / ₂	A36	4
1	1	a19		L4x3x ³ / ₈	0 5 ¹ / ₂	A36	4
1	1	a88		L5x3x ¹ / ₄	0 2 ¹ / ₂	A36	1
1	1	a84		L2x2x ¹ / ₄	2 4 ¹ / ₁₆	A36	8
1	1	a91		L2x2x ¹ / ₄	1 9 ¹ / ₁₆	A36	6
1	1	a80		L2x2x ¹ / ₄	0 5 ⁵ / ₈	A36	1
1	1	c666		MC12x14.3	0 7	A36	8
9	9	p149		PL ¹ / ₂ x1 ⁵ / ₁₆	0 1 ¹ / ₂	BENT A36	15
1	1	p150		PL ¹ / ₂ x2 ¹ / ₈	1 0	A36	2
1	1	p187		PL ¹ / ₂ x2 ¹ / ₈	0 4 ¹ / ₁₆	A36	1
				FIELD BOLTS			
2				3/4 Dia A325N	0 1 ³ / ₄		
Total weight :							290

- AESS FINISH:**
- Spec Section Ref Required:
 - Additional Information:
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

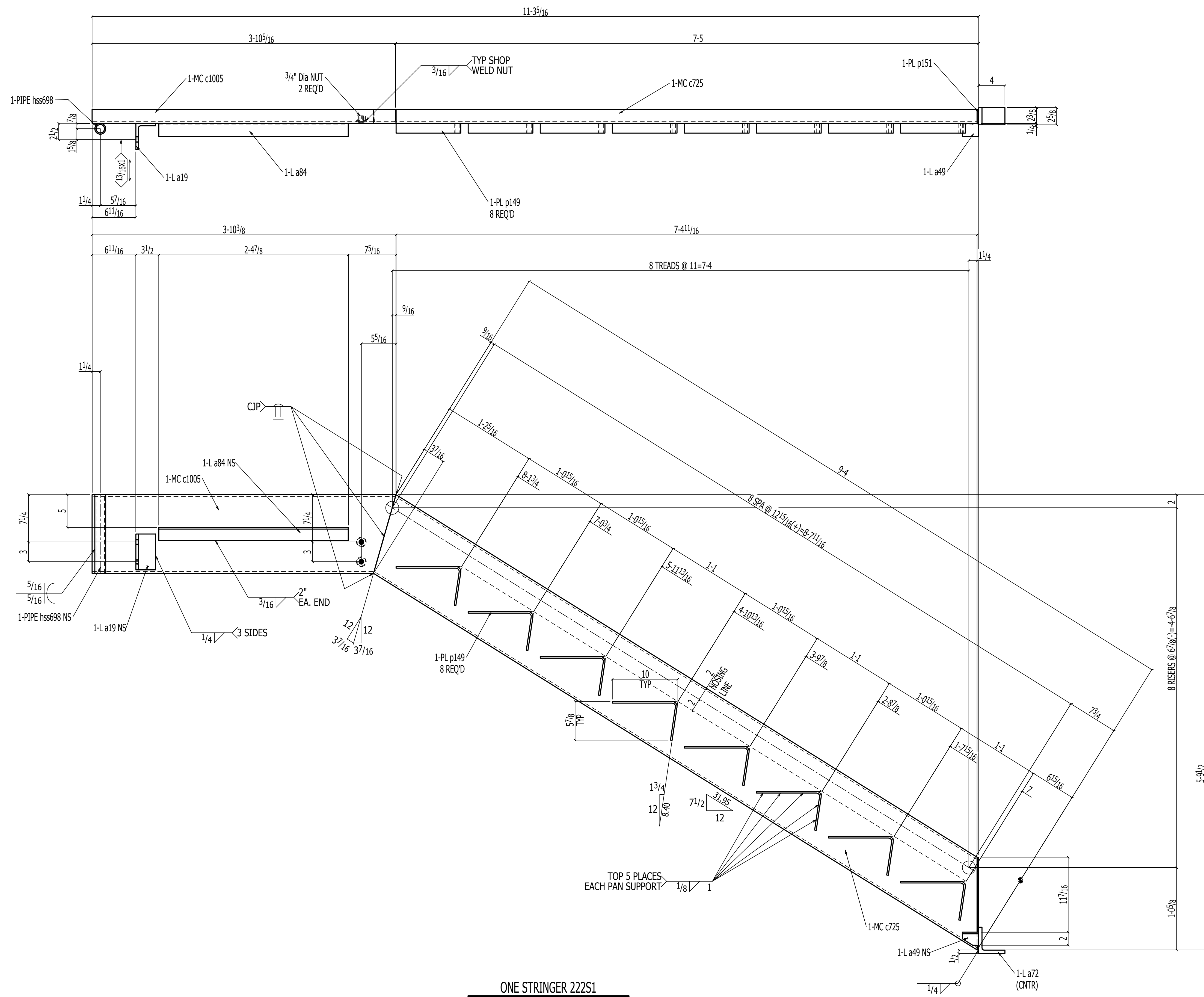


AMERICAN INSTITUTE OF STEEL CONSTRUCTION
CERTIFIED FABRICATOR AND ERECTOR

CAPCO STEEL ERECTION
TEL: (401) 383-9388 - FAX: (401) 343-9051
E-MAIL: info@capcoerection.com
25C ACORN STREET
PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 1 ³ / ₁₆ " U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F40-48 KSI
PIPE SCHEDULE:	E-40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM
CHECKED BY:	ALN
DATE:	08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	221
REV #:	A

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 222S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E206)

ISC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE		222S1	STRINGER			222
1	1	c1005	MC12x14.3	3 10 3/8	A36	55
1	1	c725	MC12x14.3	9.4	A36	133
1	1	hss698	PIPE 1 1/4 XS	1.0	A53	3
1	1	a72	L4x4x1/2	0 2 5/8	A36	3
1	1	a19	L4x3x3/8	0 5 1/2	A36	4
1	1	a84	L2x2x1/4	2 4 5/8	A36	8
1	1	a49	L2x2x1/4	0 2 1/2	A36	1
8	8	p149	PL 1/2x15 1/16	0 1 1/2	BENT A36	13
1	1	p151	PL 1/2x2 1/8	1 2 3/16	A36	2
2	2	bn9	3/4 NUT		HHNT A563	
2	2	bn9	3/4 WASHER		HD F436	
			FIELD BOLTS			
2			3/4 Dia A325N	0 1 3/4	+1HD WASH	
Total weight :						222

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

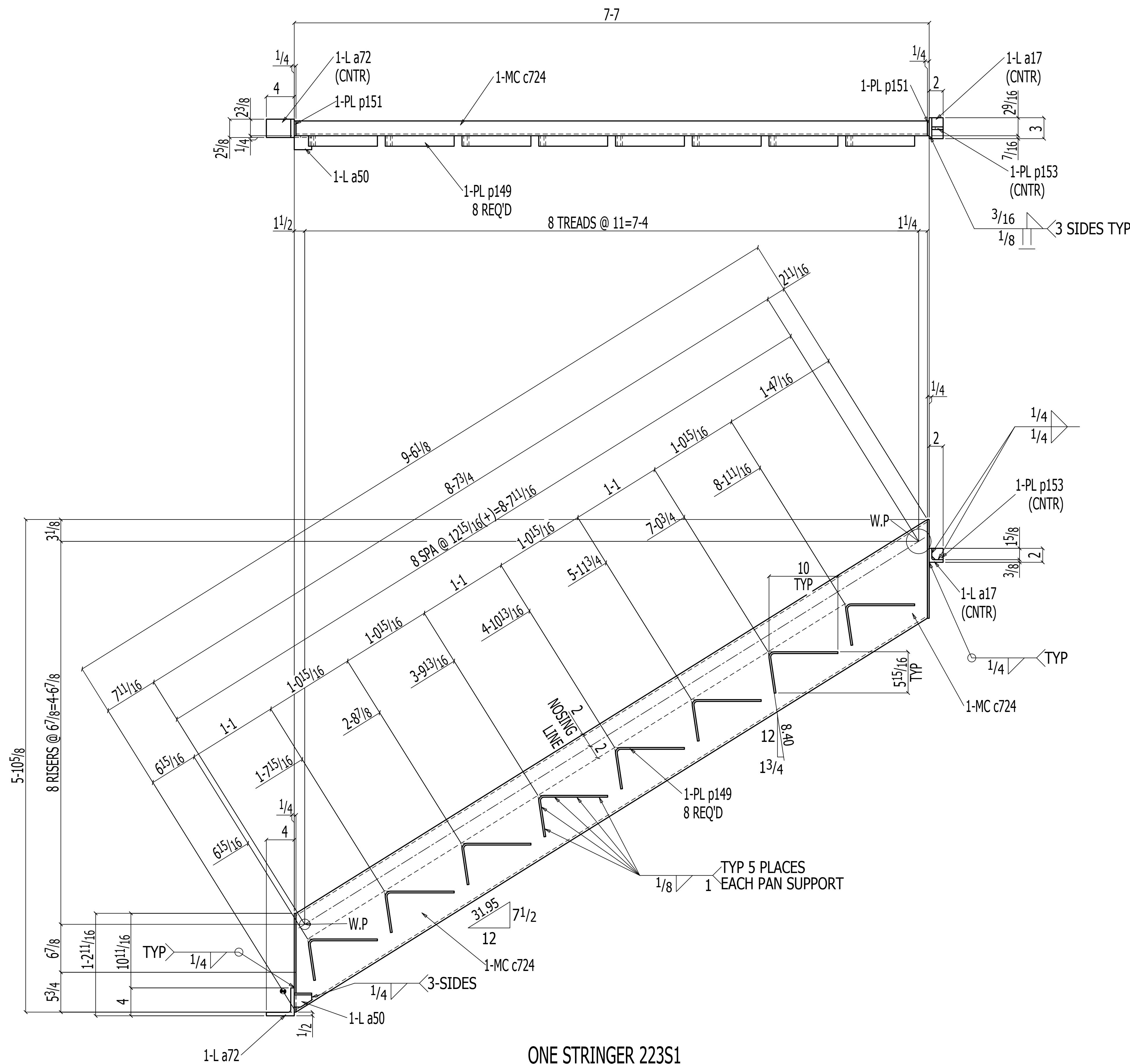
- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

ISC CERTIFIED FABRICATOR AND ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F=48 KSI
PIPE SCHEDULE:	E-40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE: 08-16-2022
CHECKED BY:	ALN DATE: 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	222

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 223S1

NOTE:
TOE DIRECTION FAR SIDE
(E REFER: E206)
1SC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK					TOTAL
ONE	223S1			STRINGER			158
1	1 c724			MC12x14.3	9 6 1/8	A36	136
1	1 a72			L4x4x1/2	0 2 5/8	A36	3
1	1 a17			L2x2x3/8	0 3	A36	1
1	1 a50			L2x2x1/4	0 2 1/2	A36	1
1	1 p153			PL3/8x3/8	0 1 5/8	A36	0
8	8 p149			PL1/2x1 5/16	0 1 1/2	BENT A36	13
2	2 p151			PL1/2x2 1/8	1 2 1/16	A36	4
Total weight :							158

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

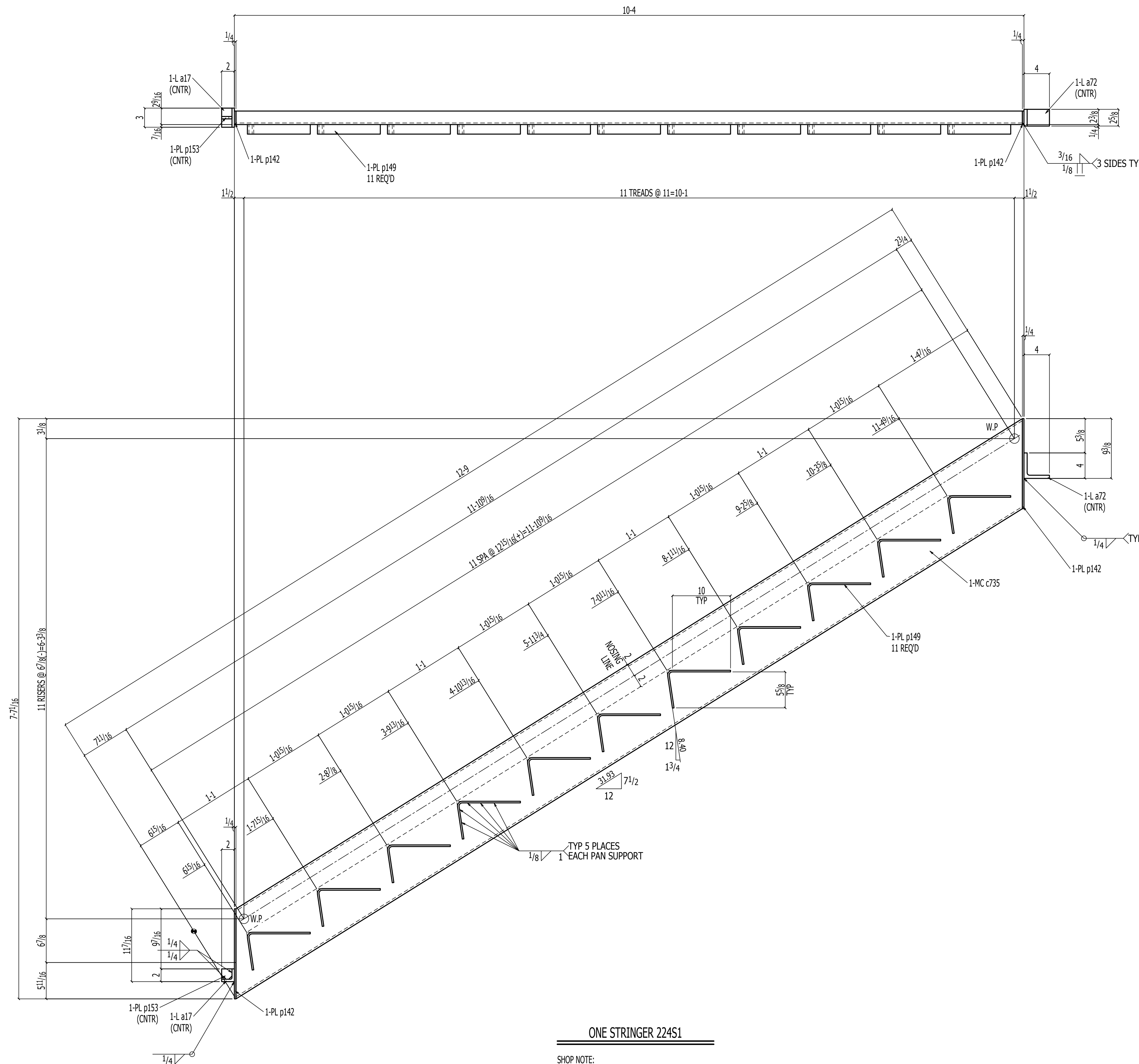
AISI
CERTIFIED FABRICATOR AND ERECTOR

CAPCO STEEL ERECTION

TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcocreectors.com
 252 ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3		ITEM: STAIR#2		CUSTOMER: DIMEO CONSTRUCTION CO.	
SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY		WELD: E70XX		2.0 MILS DRY	
MATERIAL: AS NOTED	HOLES: 1/16" U.N.O	DRAWN BY: PKM	DATE: 08-16-2022	CHECKED BY: ALN	DATE: 08-16-2022
MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992		WELDING U.N. E70XX		JOB NO. 22-0012-5002	REV #
ANGLES, BARS AND PLATES: ASTM A36		E70XX-LH FOR ASTM A572-50		DWG NO. 223	▲
PIPE, SHEETPILE AND CONCRETE: TO ASTM A53, GRADE B		REVISION			

▲	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



ONE STRINGER 224S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E206)

ISC PRIMER

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE		224S1	STRINGER			209
1	1	c735	MC12x14.3	12.9	A36	182
1	1	a72	L4x4x1/2	0.25	A36	3
1	1	a17	L2x2x3/8	0.3	A36	1
1	1	p153	PL3/8x15/8	0.15	A36	0
11	11	p149	PL1/2x15/16	0.11	BENT A36	18
2	2	p142	PL1/2x2 1/8	1.2	A36	4
Total weight :						209

AESS FINISH:

Spec Section Ref Required:

Additional Information;

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

Finish #0 - No Visible Weld

Finish #1 - Sanded and blended completely

Finish #2 - Partially dressed weld with spatter removed

Finish #3 - Good quality, uniform undressed weld with minimal spatter



PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

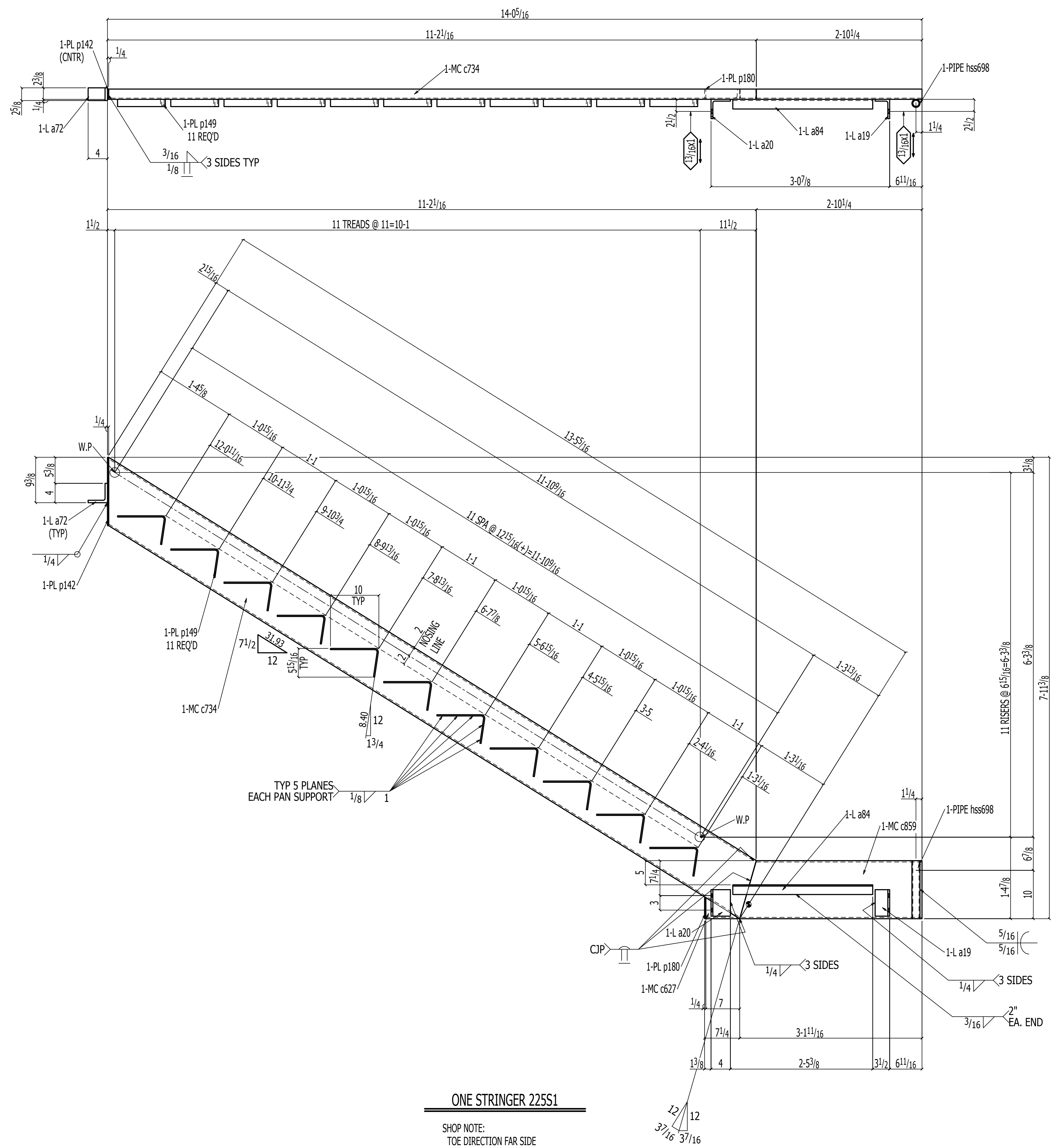
ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

TUBE STEEL: ASTM A501, GRADE B F1464S1 JOB NO. 22-0012-5002 REV #

PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX DWG NO. 224

WELDING U.N. E70XX FOR ASTM A572-50

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 225S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E206)

ISC PRIMER

BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	225S1		STRINGER			288
1	1	c859	MC12x14.3	3'-1 11/16	A36	45
1	1	c734	MC12x14.3	13'-5 1/8	A36	192
1	1	hss698	PIPE 1 1/4 XS	1'-0	A53	3
1	1	a72	L4x4x1/2	0'-2 5/8	A36	3
1	1	a20	L4x4x3/8	0'-5 1/2	A36	4
1	1	a19	L4x3x3/8	0'-5 1/2	A36	4
1	1	a84	L2x2x1/4	2'-4 15/16	A36	8
1	1	c627	MC12x14.3	0'-7	A36	8
11	11	p149	PL 1/4 x 15 1/16	0'-1 1/2	BENT A36	18
1	1	p142	PL 1/4 x 2 1/8	1'-2 1/8	A36	2
1	1	p180	PL 1/4 x 2 1/8	0'-4 3/8	A36	1
FIELD BOLTS						
2			3/4 Dia A325N	0'-1 3/4	+1HD WASH	
Total weight :						288

AESS FINISH:

Spec Section Ref Required:

Additional Information:

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

CAPCO STEEL ERECTION

TEL: (401) 383-9388 • FAX: (401) 343-9051

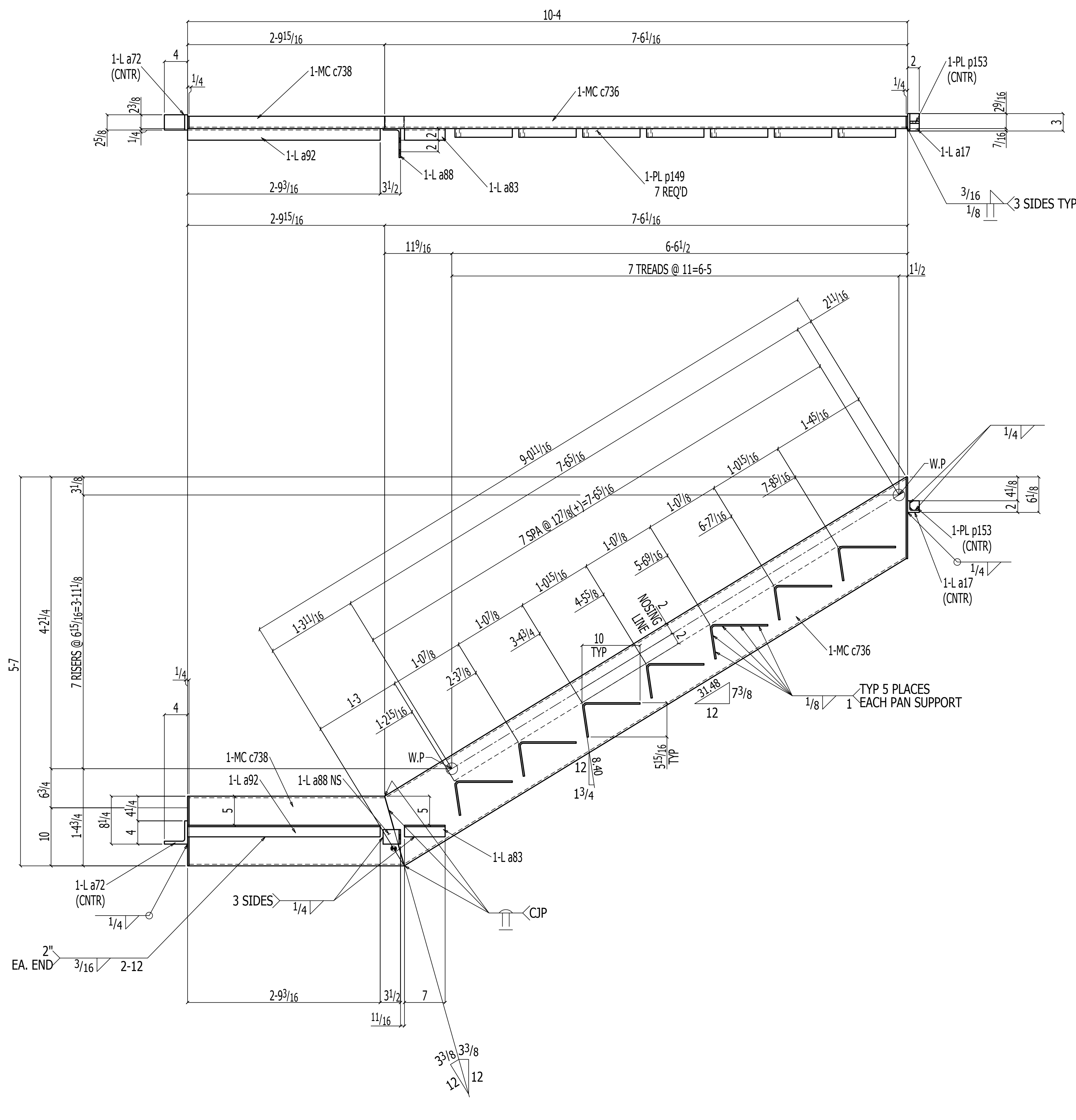
E-MAIL: info@capcoerection.com

25C ACORN STREET

PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
	ANGLES, BARS AND PLATES: ASTM A36
	TUBE STEEL: ASTM A500, GRADE B F45-XS
	PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY	PKM DATE 08-16-2022
CHECKED BY	ALN DATE 08-16-2022
JOB NO.	22-0012-5002
DWG NO.	225

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 227S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E206)

1SC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT						TOTAL
ONE	227S1			STRINGER			205
1	1	c738		MC12x14.3	3 11/16	A36	44
1	1	c736		MC12x14.3	9 0 1/16	A36	130
1	1	a72		L4x4x1/2	0 2 5/8	A36	3
1	1	a88		L5x3x1/4	0 2 1/2	A36	1
1	1	a17		L2x2x3/8	0 3	A36	1
1	1	a92		L2x2x1/4	2 9 3/16	A36	9
1	1	a83		L2x2x1/4	0 7	A36	2
1	1	p153		PL 3/8x15/8	0 1 5/8	A36	0
7	7	p149		PL 1/4x15 1/16	0 1 1/2	BENT A36	11
1	1	p195		PL 1/4x2 1/8	1 2 1/16	A36	2
1	1	p150		PL 1/4x2 1/8	1 0	A36	2
Total weight :							205

- AESS FINISH:**
- Spec Section Ref Required:
- Additional Information:
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

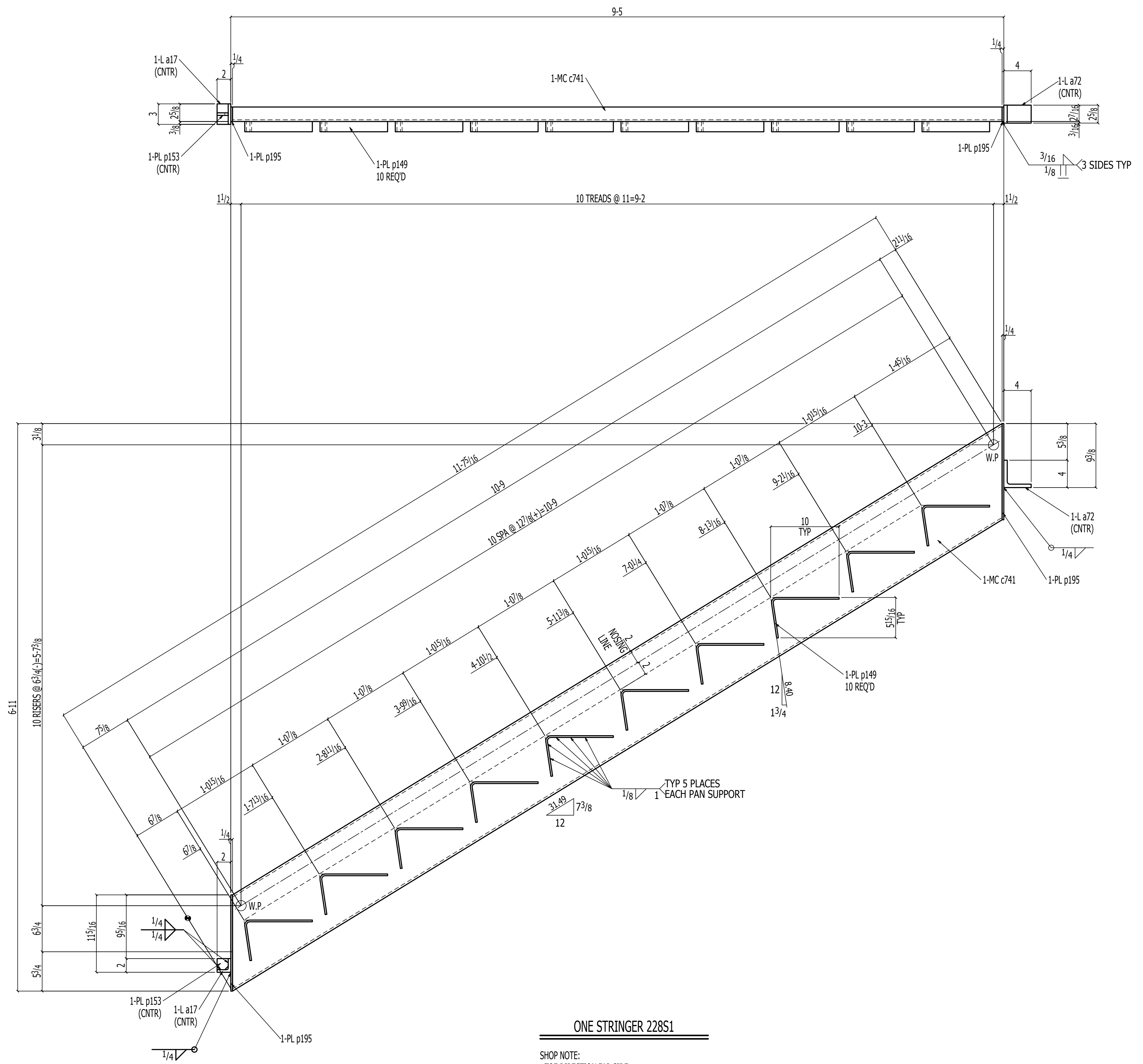


CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3		
ITEM: STAIR#2		
CUSTOMER: DIMEO CONSTRUCTION CO.		
SURF. PREP: SSSP-SP3	FINISH: FAST DRY 4190 GRAY	2.0 MILS DRY
MATERIAL: AS NOTED	HOLES: 13/16" U.N.O	WELD: E70XX
MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A892 ANGLES, BARS AND PLATES: ASTM A36 PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX		DRAWN BY PKM CHECKED BY ALN JOB NO. 22-0012-5002 DWG NO. 227
DATE: 10-10-2022	BY: ALN	DATE: 08-16-2022
FOR APPROVAL		DATE: 08-16-2022
REV.#	DATE	REVISION

10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	REVISION





ONE STRINGER 228S1

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E206)

ISC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT	
TOTAL	UNIT						TOTAL	
ONE	228S1			STRINGER			191	
1	1	c741		MC12x14.3	11 7 ⁵ / ₁₆	A36	166	
1	1	a72		L4x4x1/2	0 2 ⁵ / ₈	A36	3	
1	1	a17		L2x2x3/8	0 3	A36	1	
1	1	p153		PL3/8x15/8	0 1 ⁵ / ₈	A36	0	
10	10	p149		PL1/2x15 ⁵ / ₁₆	0 11 ¹ / ₂	BENT A36	16	
2	2	p195		PL1/2x21/8	1 2 ¹ / ₁₆	A36	4	
							Total weight :	191

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

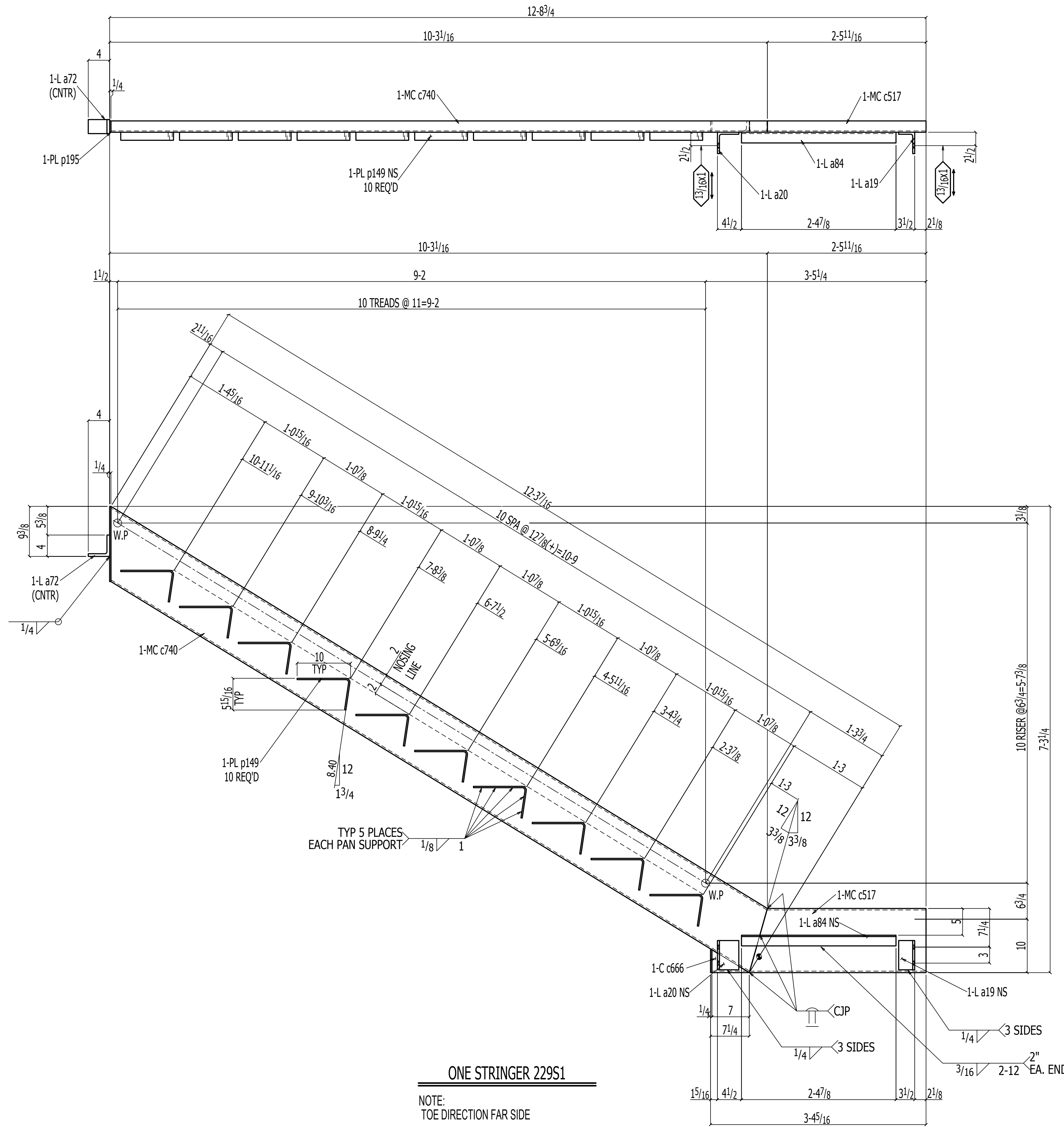


ISC
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AND ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13 ¹ / ₁₆ " U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F460KSI
PIPE SCHEDULE:	E-40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE: 08-16-2022
CHECKED BY:	ALN DATE: 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	228
REV #	A

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE STRINGER 229S1

NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E206)

ISC PRIMER

BILL OF MATERIAL						
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE	229S1		STRINGER			261
1	1	c517	MC12x14.3	2 9 1/16	A36	39
1	1	c740	MC12x14.3	12 3 7/16	A36	176
1	1	a72	L4x4x1/2	0 2 5/8	A36	3
1	1	a20	L4x4x3/8	0 5 1/2	A36	4
1	1	a19	L4x3x3/8	0 5 1/2	A36	4
1	1	a84	L2x2x1/4	2 4 15/16	A36	8
1	1	c666	MC12x14.3	0 7	A36	8
10	10	p149	PL 1/2x15 1/16	0 1 1/2	BENT A36	16
1	1	p195	PL 1/2x2 1/8	1 2 1/16	A36	2
1	1	p187	PL 1/2x2 1/8	0 4 1/16	A36	1
			FIELD BOLTS			
2			3/4 Dia A325N	0 1 3/4	+1HD WASH	
Total weight :						261

AESS FINISH:

Spec Section Ref Required:

Additional Information:

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

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AND ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

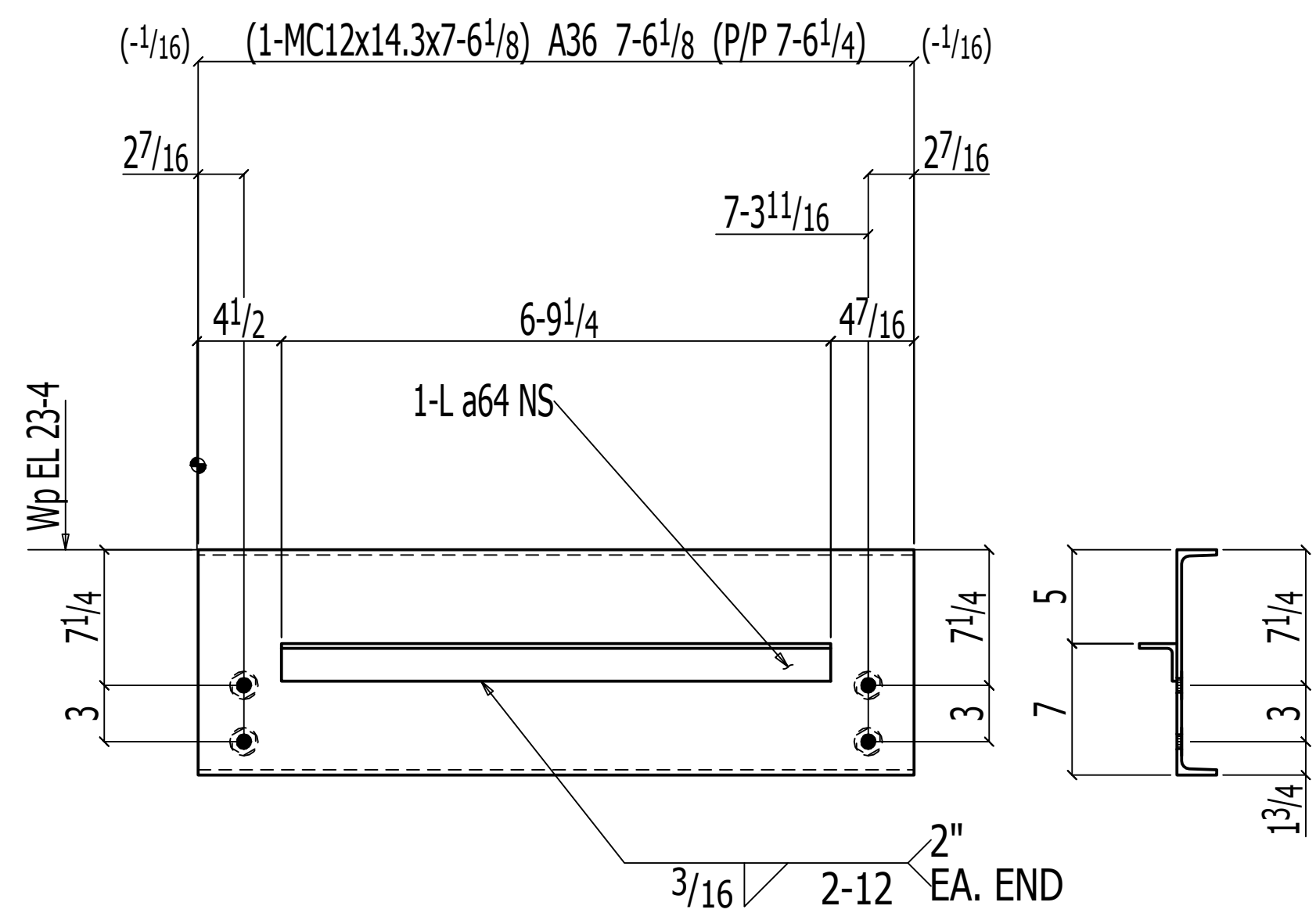
CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N.	DRAWN BY	PKM	DATE	08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY	ALN	DATE	08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO.	22-0012-5002	REV #	A
TUBE STEEL: ASTM A500, GRADE B Fy=48 KSI	WELDING U.N.	E70XX	DWG NO.	229
PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B		E70XX-LH FOR ASTM A572-50		

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



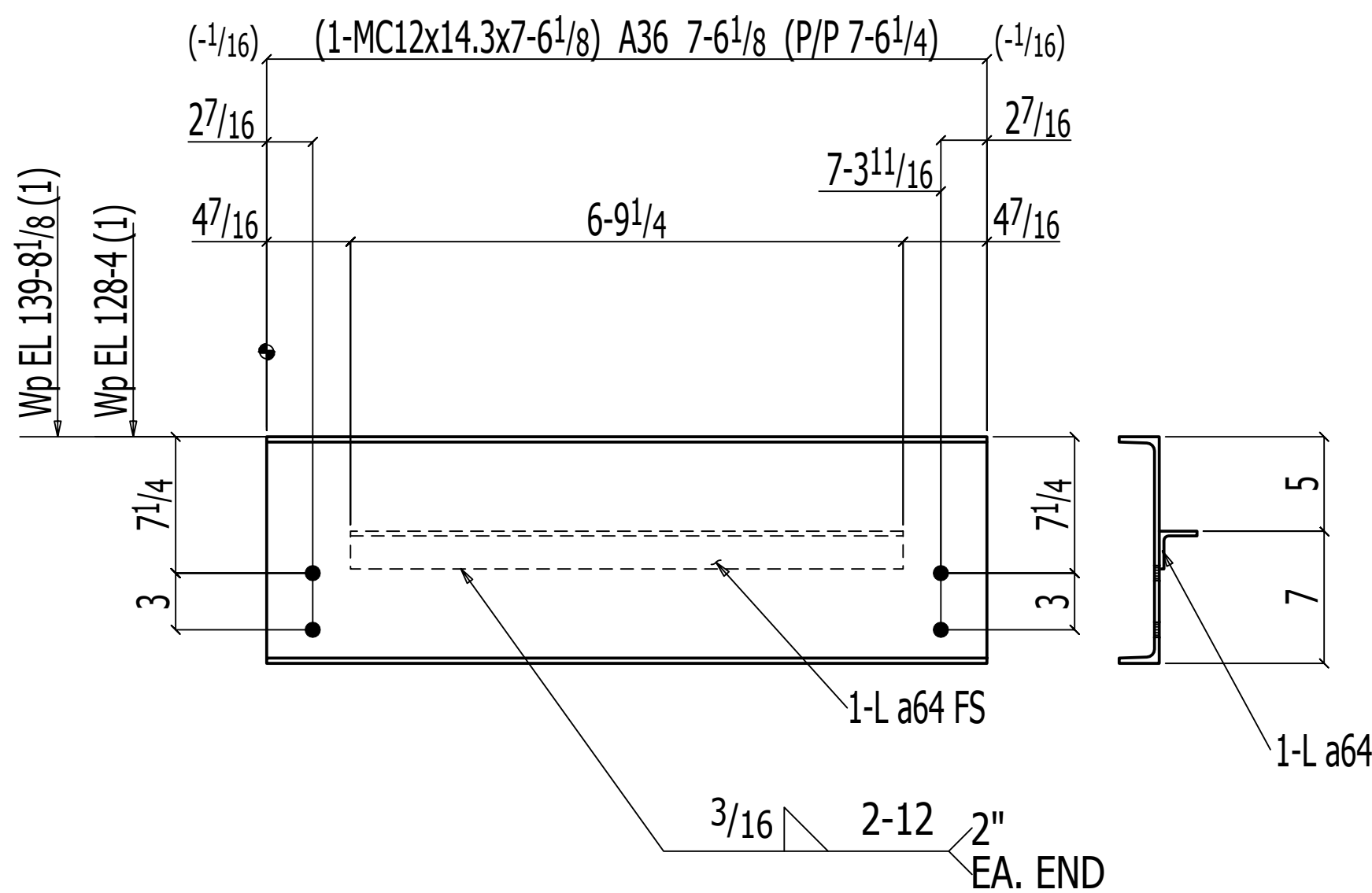
ONE BEAM 230B1

W	12x1/4
F	2 1/8x5/16
K	3/4x9/16

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E209)

ISC PRIMER



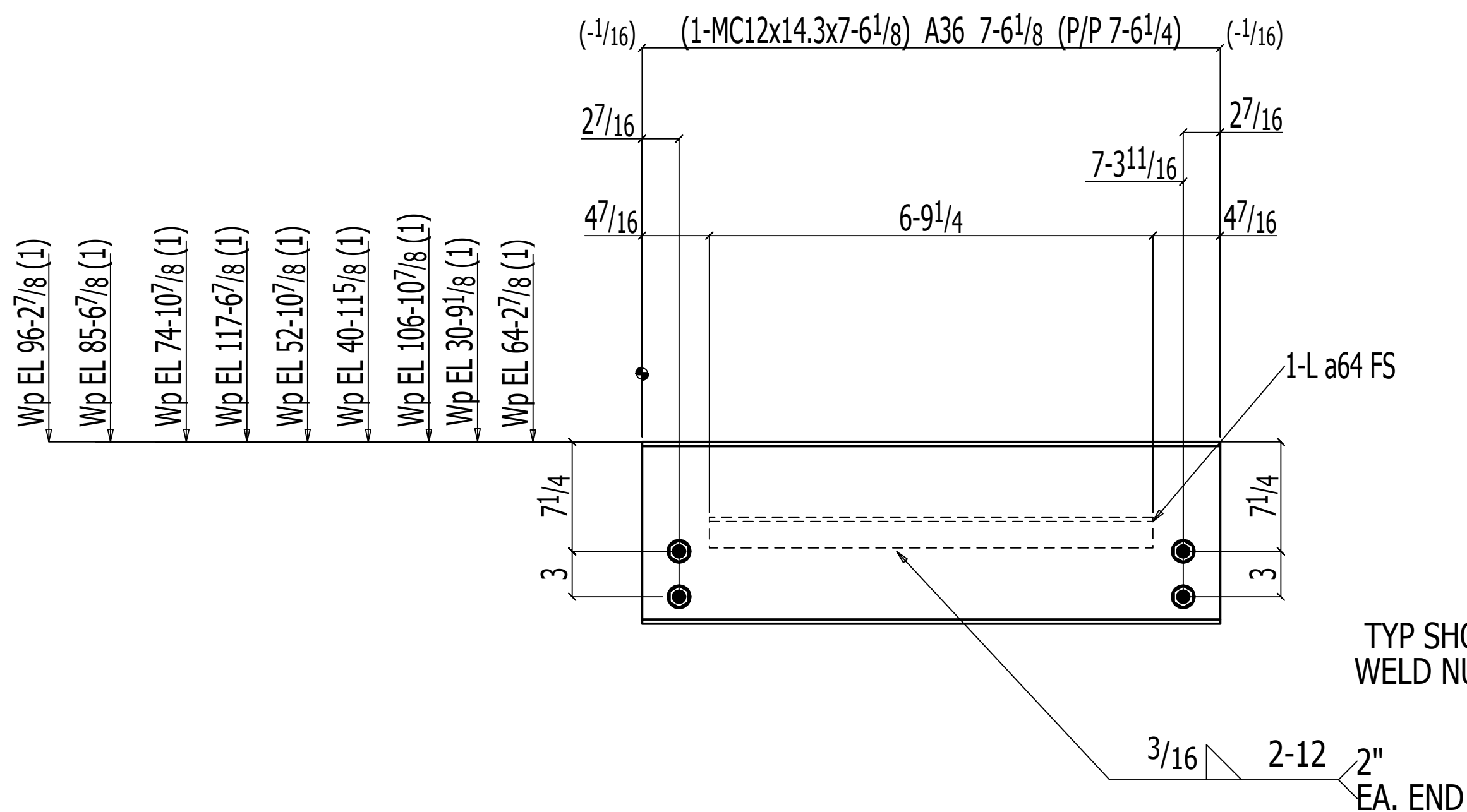
2 BEAMS 230B3

W	12x1/4
F	2 1/8x5/16
K	3/4x9/16

SHOP NOTE:
TOE DIRECTION NEAR SIDE

(E REFER: E209)

ISC PRIMER



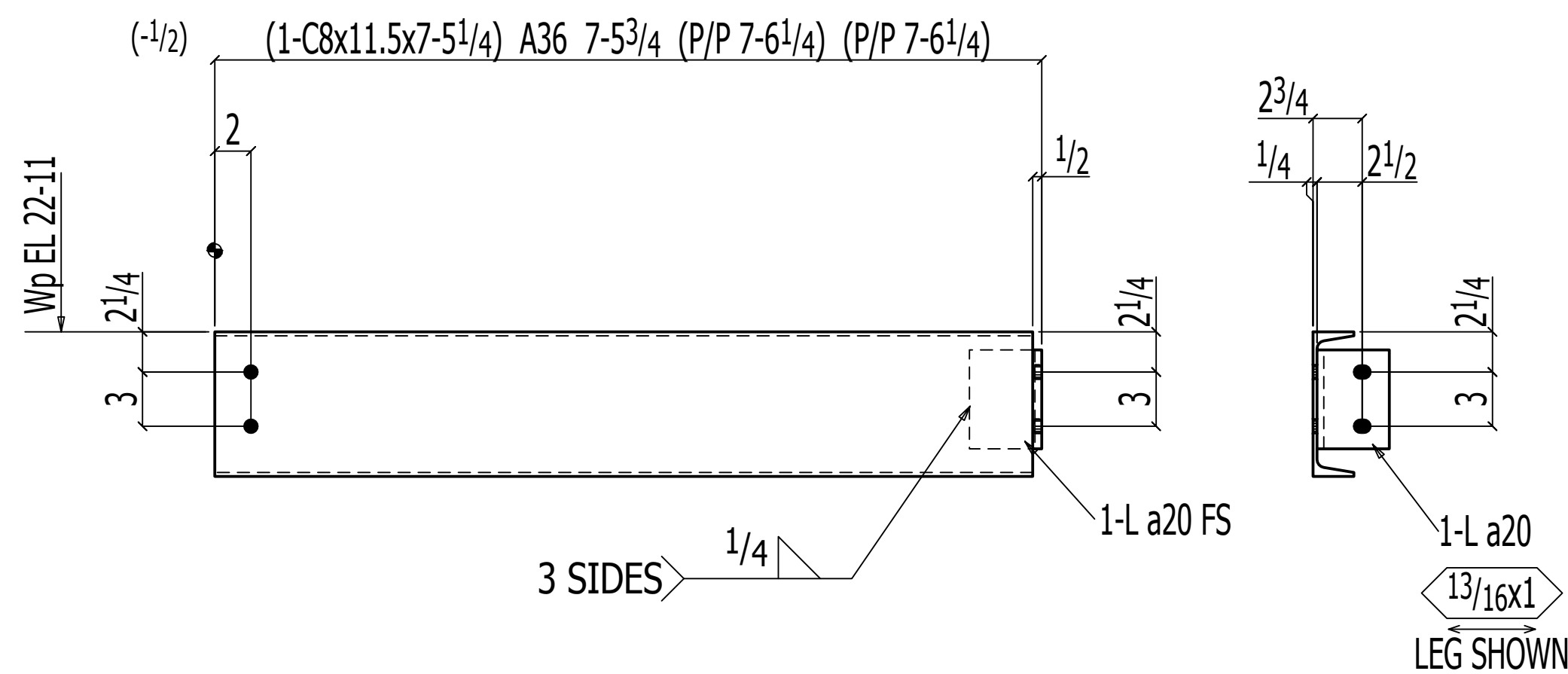
9 BEAMS 230B2

W	12x1/4
F	2 1/8x5/16
K	3/4x9/16

SHOP NOTE:
TOE DIRECTION NEAR SIDE

(E REFER: E209)

ISC PRIMER



ONE BEAM 230B4

W	8x1/4
F	2 1/4x3/8
K	1 5/16x1 1/16

SHOP NOTE:
TOE DIRECTION FAR SIDE

(E REFER: E209)

ISC PRIMER

BILL OF MATERIAL

QTY	UNIT	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL							TOTAL
ONE		230B1		BEAM			129
1	1	c885		MC12x14.3	7 6 1/8	A36	107
1	1	a64		L2x2x1/4	6 9 1/4	A36	22
2	2	bh2		3/4 NUT		HHNT A563	
2	2	bh2		3/4 NUT		HHNT A563	
2	2	bh2		3/4 WASHER		HD F436	
2	2	bh2		3/4 WASHER		HD F436	
FIELD BOLTS							
2				3/4 Dia A325N	0 1 1/2		
9		230B2		BEAM			1161
9	1	c885		MC12x14.3	7 6 1/8	A36	967
9	1	a64		L2x2x1/4	6 9 1/4	A36	194
18	2	bh2		3/4 NUT		HHNT A563	
18	2	bh2		3/4 NUT		HHNT A563	
18	2	bh2		3/4 WASHER		HD F436	
18	2	bh2		3/4 WASHER		HD F436	
2		230B3		BEAM			258
2	1	c885		MC12x14.3	7 6 1/8	A36	215
2	1	a64		L2x2x1/4	6 9 1/4	A36	43
ONE		230B4		BEAM			90
1	1	c886		C8x11.5	7 5 1/4	A36	86
1	1	a20		L4x4x3/8	0 5 1/2	A36	4
FIELD BOLTS							
2				3/4 Dia A325N	0 1 3/4	+1HD WASH	
2				3/4 Dia A325N	0 1 3/4		
Total weight :							1638

AESS FINISH:

Spec Section Ref Required:
Additional Information;

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
TEL: (401) 383-9388 - FAX: (401) 343-9051
E-MAIL: info@capcoerectors.com
25C ACORN STREET
PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

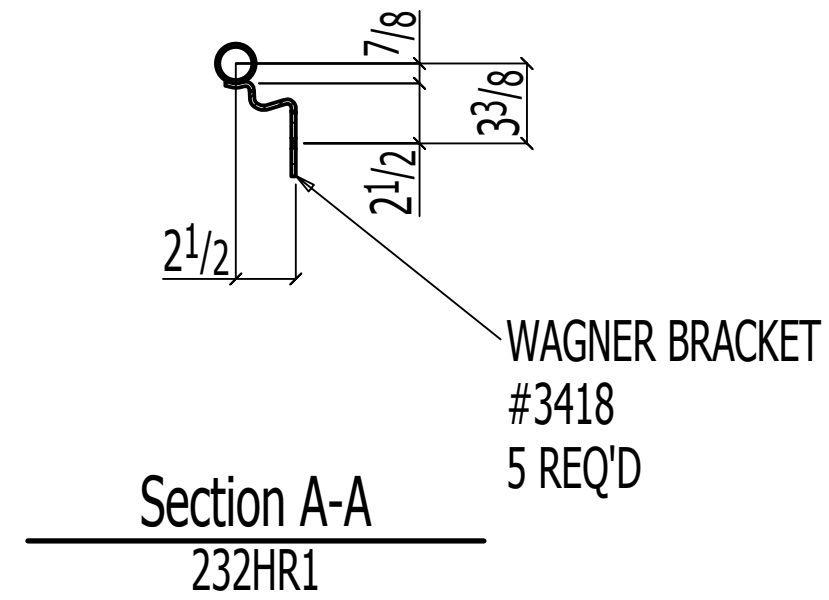
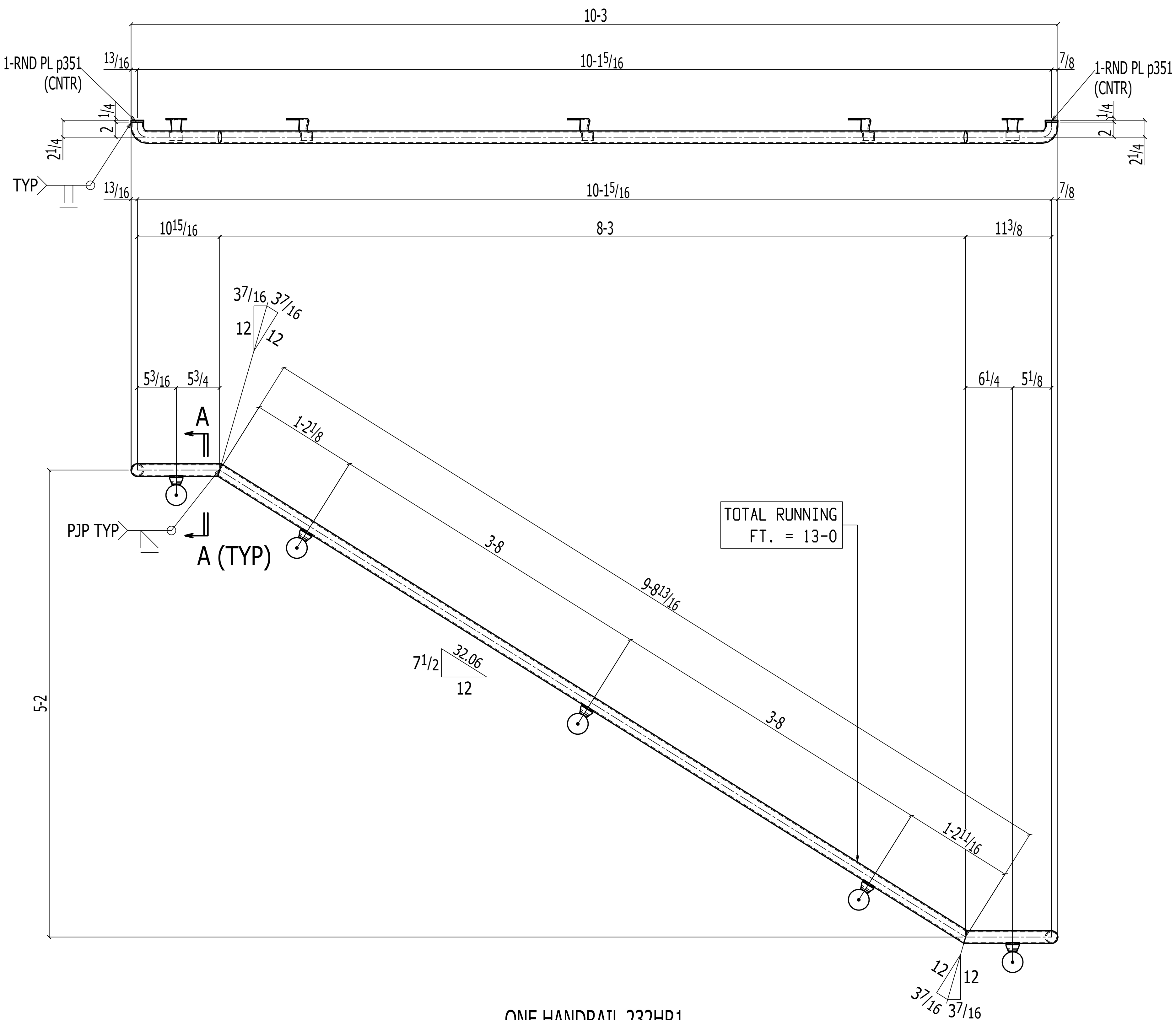
ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

TUBE STEEL: ASTM A500, GRADE B Fy=48 KSI JOB NO. 22-0012-5002 REV #

PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX DWG NO. 230

E70XX-LH FOR ASTM A572-50

A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



ONE HANDRAIL 232HR1

(E REFER: E210)

15C PRIMER

BILL OF MATERIAL						
QTY	QTY	PC		LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK	DESCRIPTION			TOTAL
ONE		232HR1	HANDRAIL			30
1	1	232HR1	PIPE 1 1/4 STD	13 0	A53	30
2	2	p351	PL 1 1/2 x 1 1/8 Dia		(RND PL) A36	
5	5		WAGNER BRACKET #3418			
						Total weight : 30

AESS FINISH:

- Spec Section Ref Required:

Additional Information;

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

CAPCO STEEL ERECTION
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 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

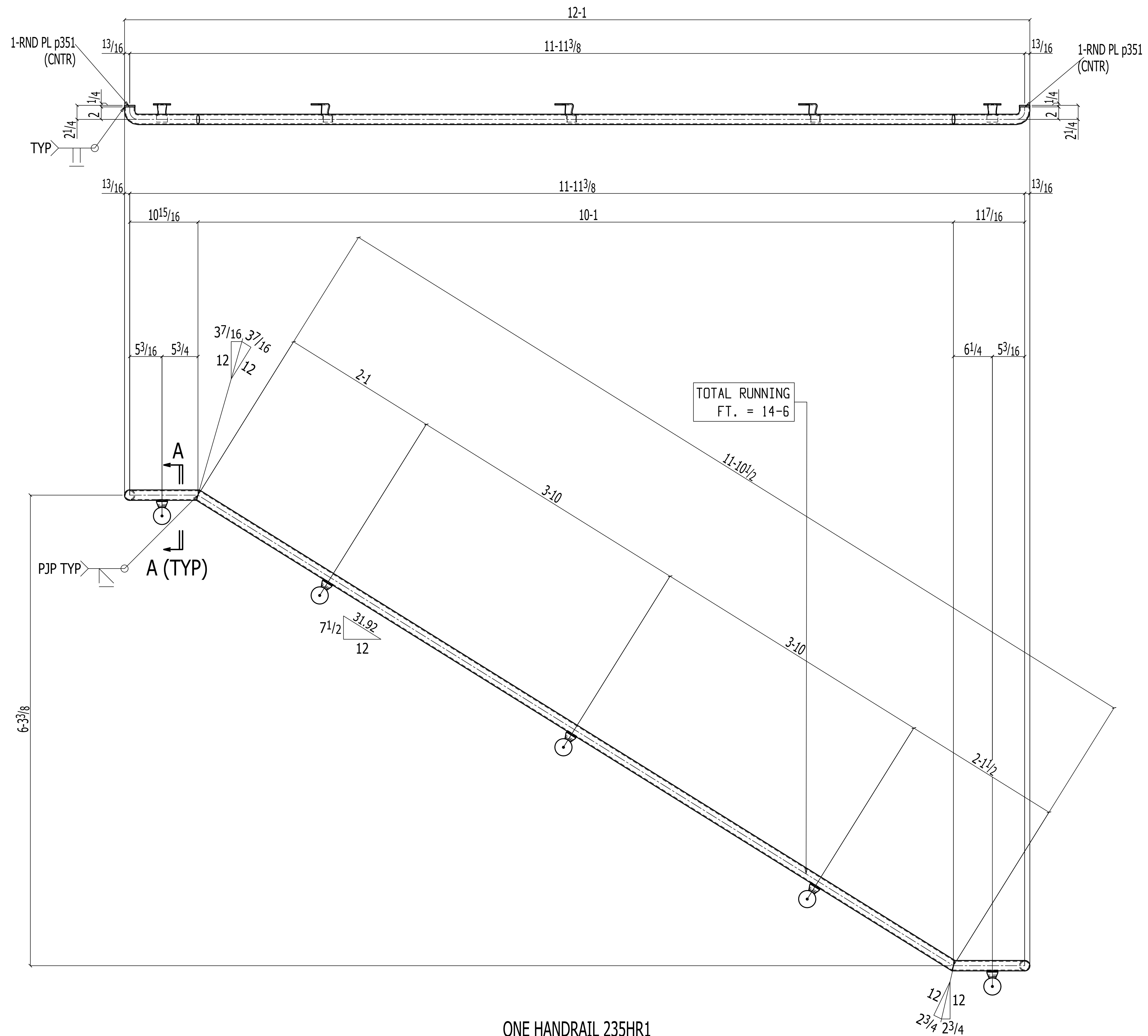
CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N.	DRAWN BY	PKM	DATE	08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY	ALN	DATE	08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO.	22-0012-5002	REV #	
TUBE STEEL: ASTM A500, GRADE B F _y 48 KSI	WELDING U.N.	E70XX	DWG NO.	232
PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B		E70XX-LH FOR ASTM A572-50		

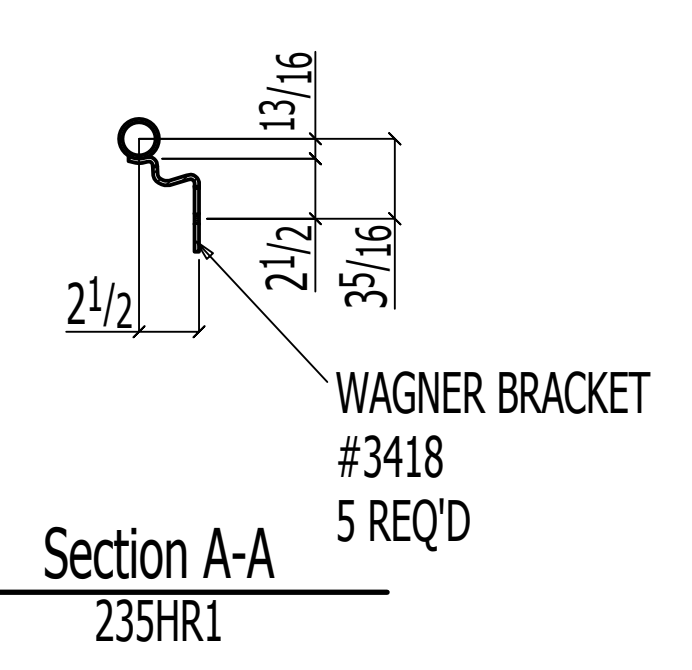
REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE HANDRAIL 235HR1

(E REFER: E210)

ISC PRIMER



BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	235HR1		HANDRAIL			33
1	1 235HR1		PIPE 1 1/4 STD	14 6	A53	33
2	2 p351		PL 1/2 x 1 1/8		(RND PL) A36	0
5			WAGNER BRACKET #3418			
Total weight :						33

AESS FINISH:

Spec Section Ref Required:
Additional Information;

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



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25C ACORN STREET
PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

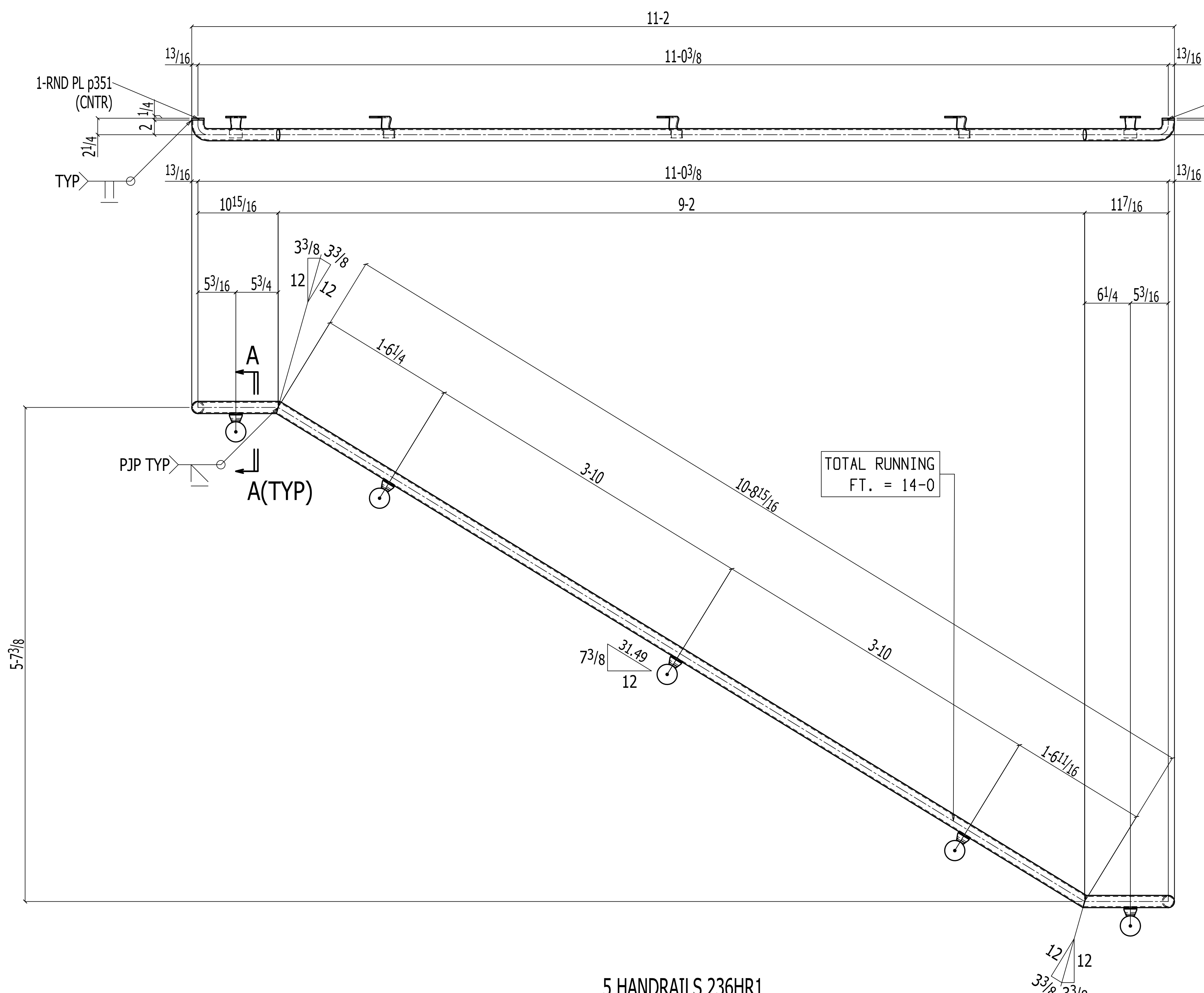
ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

TUBE STEEL: ASTM A500, GRADE B Fy=48 KSI JOB NO. 22-0012-5002 REV #

PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX DWG NO. 235

E70XX-LH FOR ASTM A572-50

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

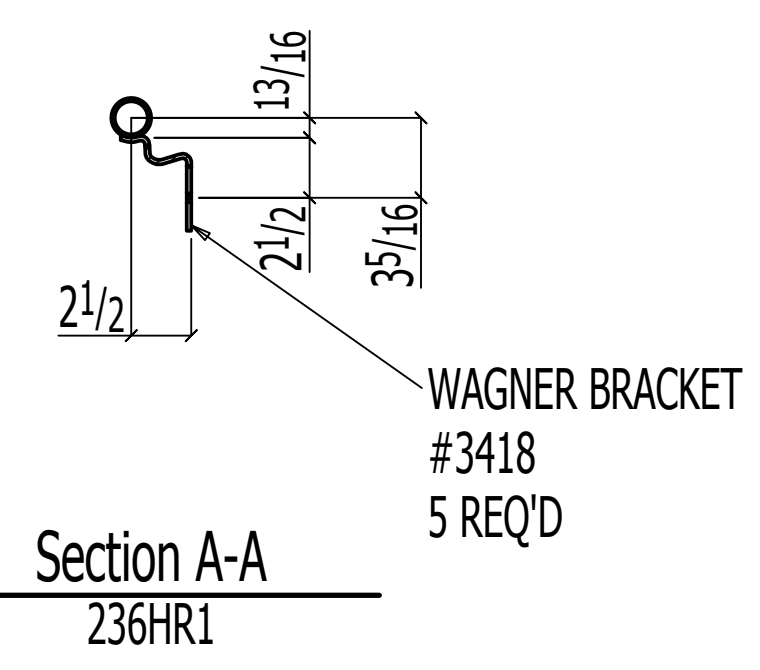


5-7 3/8

5 HANDRAILS 236HR1

(E REFER: E210)

ISC PRIMER



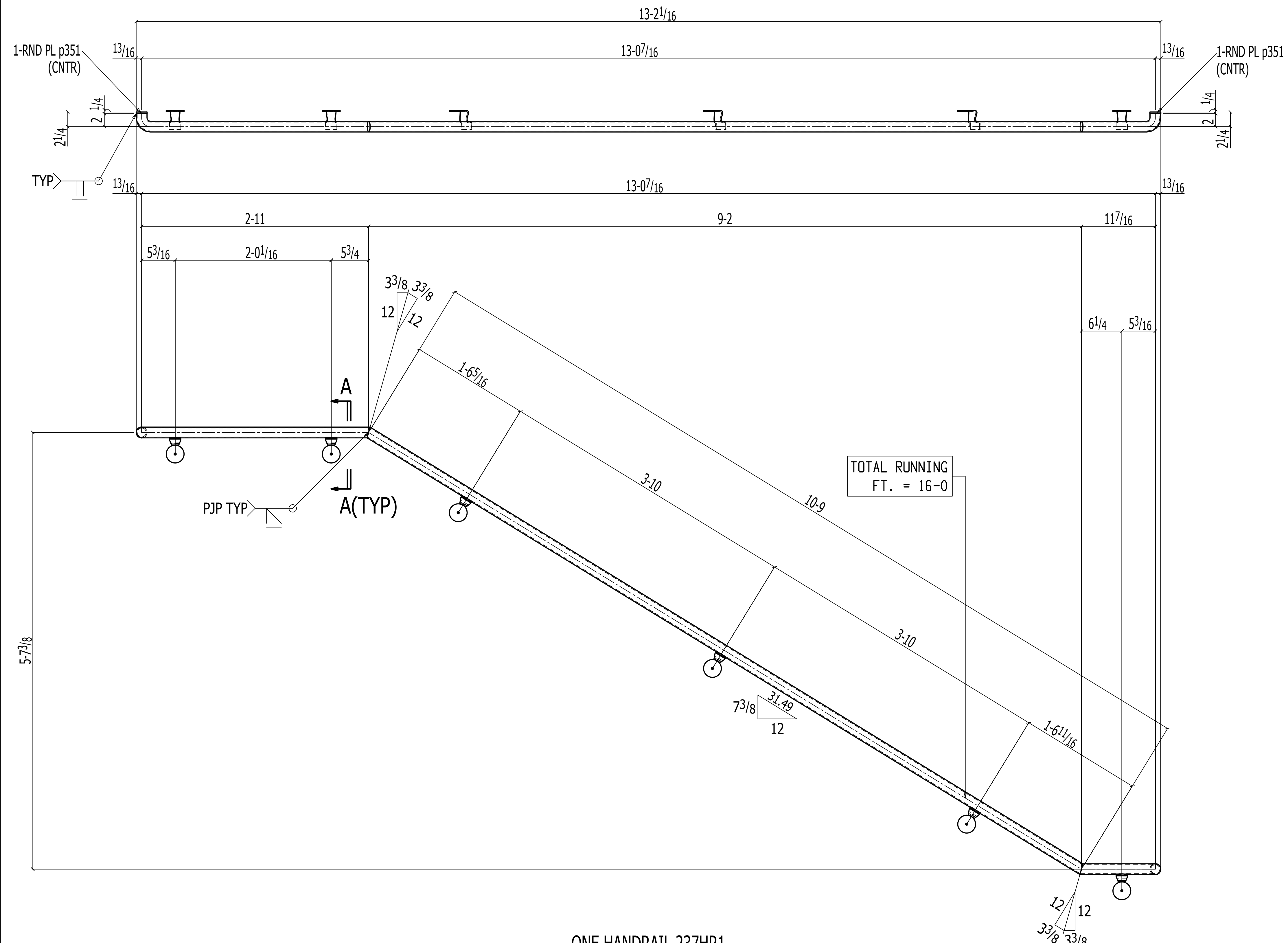
BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
5		236HR1	HANDRAIL			160
5	1	236HR1	PIPE 1 1/4 STD	14 0	AS3	159
10	2	p351	PL 1/2 x 1 1/8		(RND PL) A36	2
25			WAGNER BRACKET #3418			
						Total weight : 160

- AESS FINISH:**
- Spec Section Ref Required:
 - Additional Information;*
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

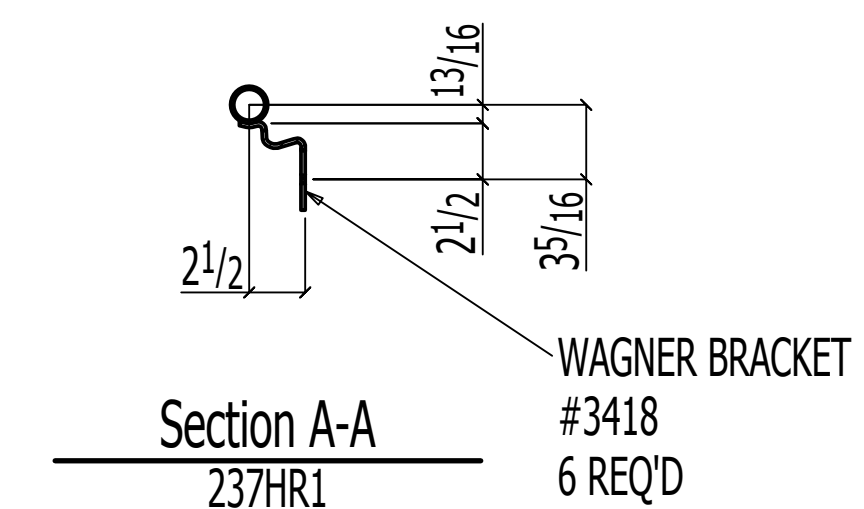
 <small>AMERICAN SOCIETY OF CIVIL ENGINEERS</small>	CERTIFIED FABRICATOR AND ERECTOR	CAPCO STEEL ERECTION <small>TEL: (401) 383-9388 - FAX: (401) 343-9051 E-MAIL: info@capcoerectors.com 25C ACORN STREET PROVIDENCE, RI 02903</small>
	<small>REGISTERED PROFESSIONAL ENGINEER</small>	

PROJECT: WHITTIER CHOICE-PHASE 3		ITEM: STAIR#2	
CUSTOMER: DIMEO CONSTRUCTION CO.			
SURF. PREP: SSPC-SP3	FINISH: FAST DRY 4190 GRAY	2.0 MILS DRY	
MATERIAL: AS NOTED	HOLES: 13/16" U.N.O	WELD: E70XX	
MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 ANGLES, BARS AND PLATES: ASTM A36 PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX E70XX-LH FOR ASTM A572-50	DRAWN BY: PKM CHECKED BY: ALN JOB NO.: 22-0012-5002 DWG NO.: 236	DATE: 08-16-2022	DATE: 08-16-2022
REV.#	DATE	BY	REVISION

A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



TOTAL RUNNING
FT. = 16-0



ONE HANDRAIL 237HR1
(E REFER: E211)
ISC PRIMER

BILL OF MATERIAL						
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE		237HR1	HANDRAIL			37
1	1	237HR1	PIPE 1 1/4 STD	16 0	A53	36
2	2	p351	PL 1/2 x 1 1/16		(RND PL) A36	0
6			WAGNER BRACKET #3418			
Total weight :						37

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

MSC CERTIFIED FABRICATOR AND ERECTOR
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

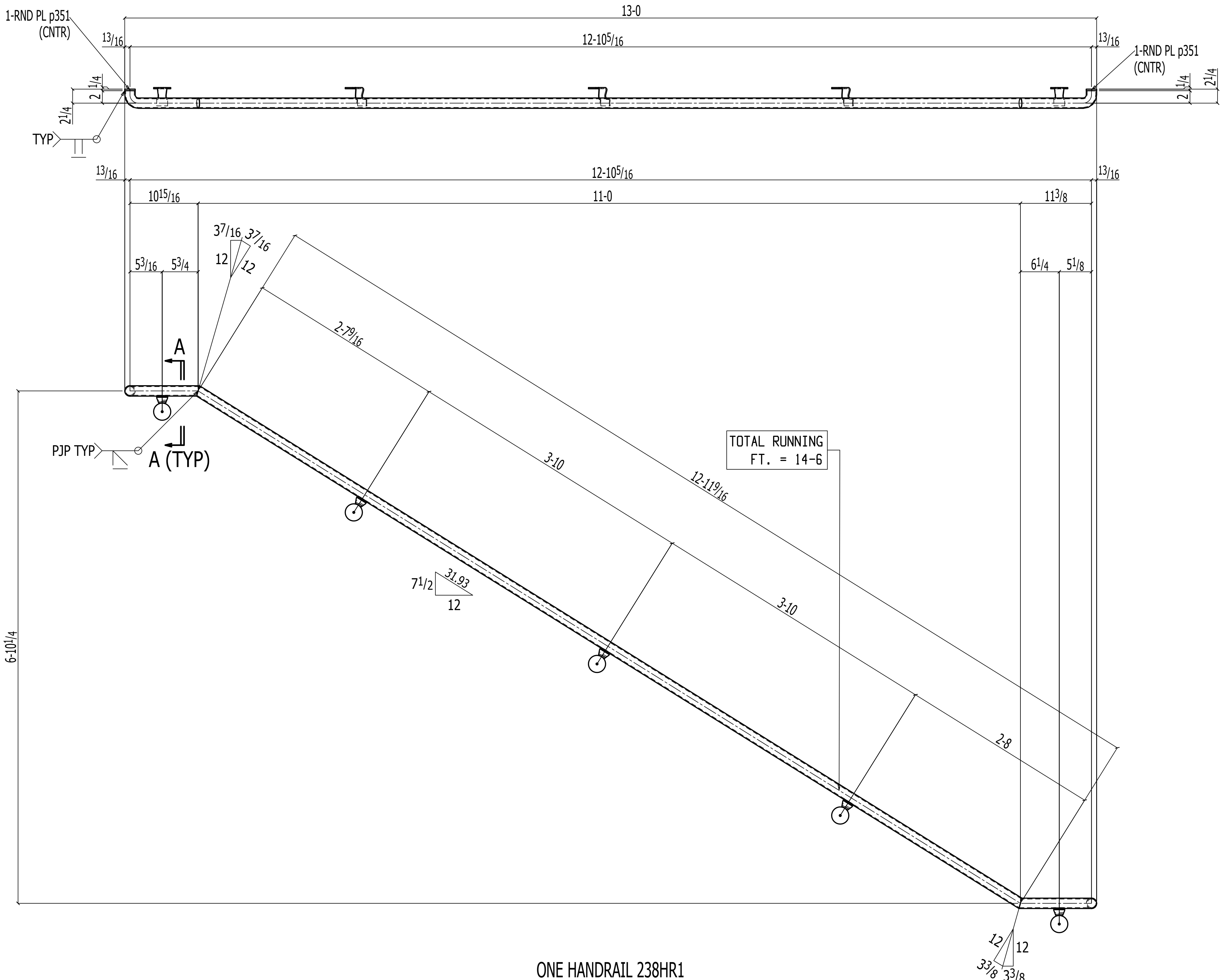
PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSSP-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N.
 BEAMS, GIRDERS AND COLUMNS: ASTM A992
 ANGLES, BARS AND PLATES: ASTM A36
 TUBE STEEL: ASTM A500, GRADE B F146 KS
 PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
 WELDING U.N. E70XX
 E70XX-LH FOR ASTM A572-50

DRAWN BY PKM DATE 08-16-2022
 CHECKED BY ALN DATE 08-16-2022
 JOB NO. 22-0012-5002
 DWG NO. 237

△	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION

△	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION

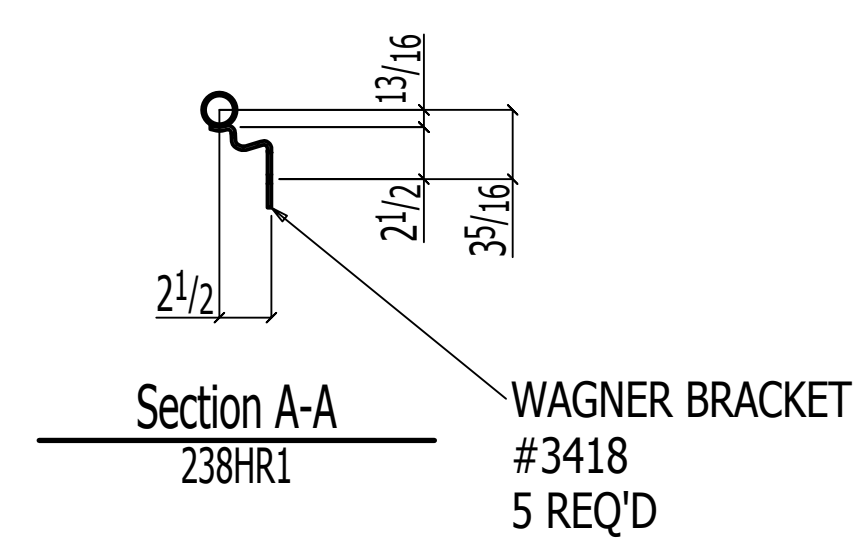


ONE HANDRAIL 238HR1

(E REFER: E211)

ISC PRIMER

TOTAL RUNNING
FT. = 14-6



BILL OF MATERIAL

QTY	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT	
TOTAL	UNIT						TOTAL	
ONE	238HR1			HANDRAIL			33	
1	238HR1			PIPE 1 1/4 STD	14' 6"	A53	33	
2	p351			PL 1/2 x 1 1/16		(RND PL) A36	0	
5				WAGNER BRACKET #3418				
							Total weight :	33

- AESS FINISH:**
- Spec Section Ref Required:
 - Additional Information:
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

CERTIFIED FABRICATOR AND ERECTOR

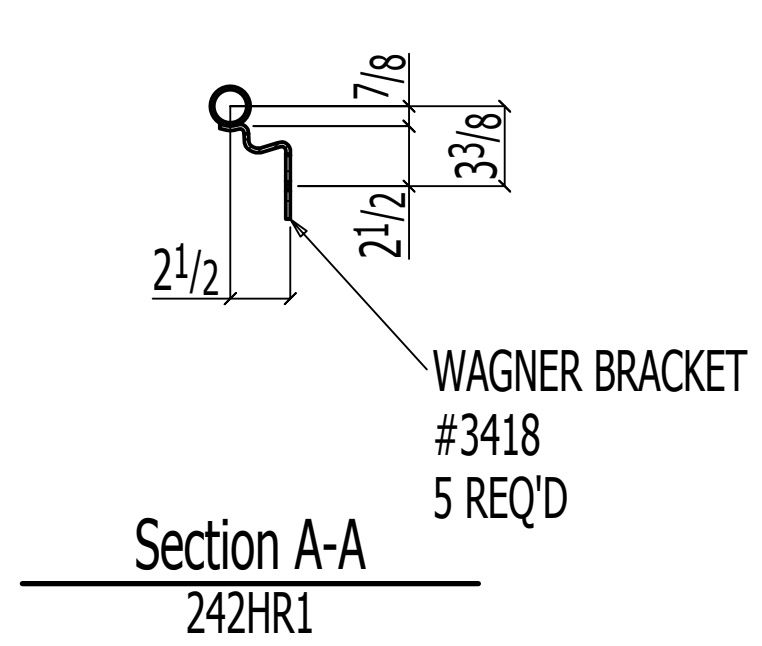
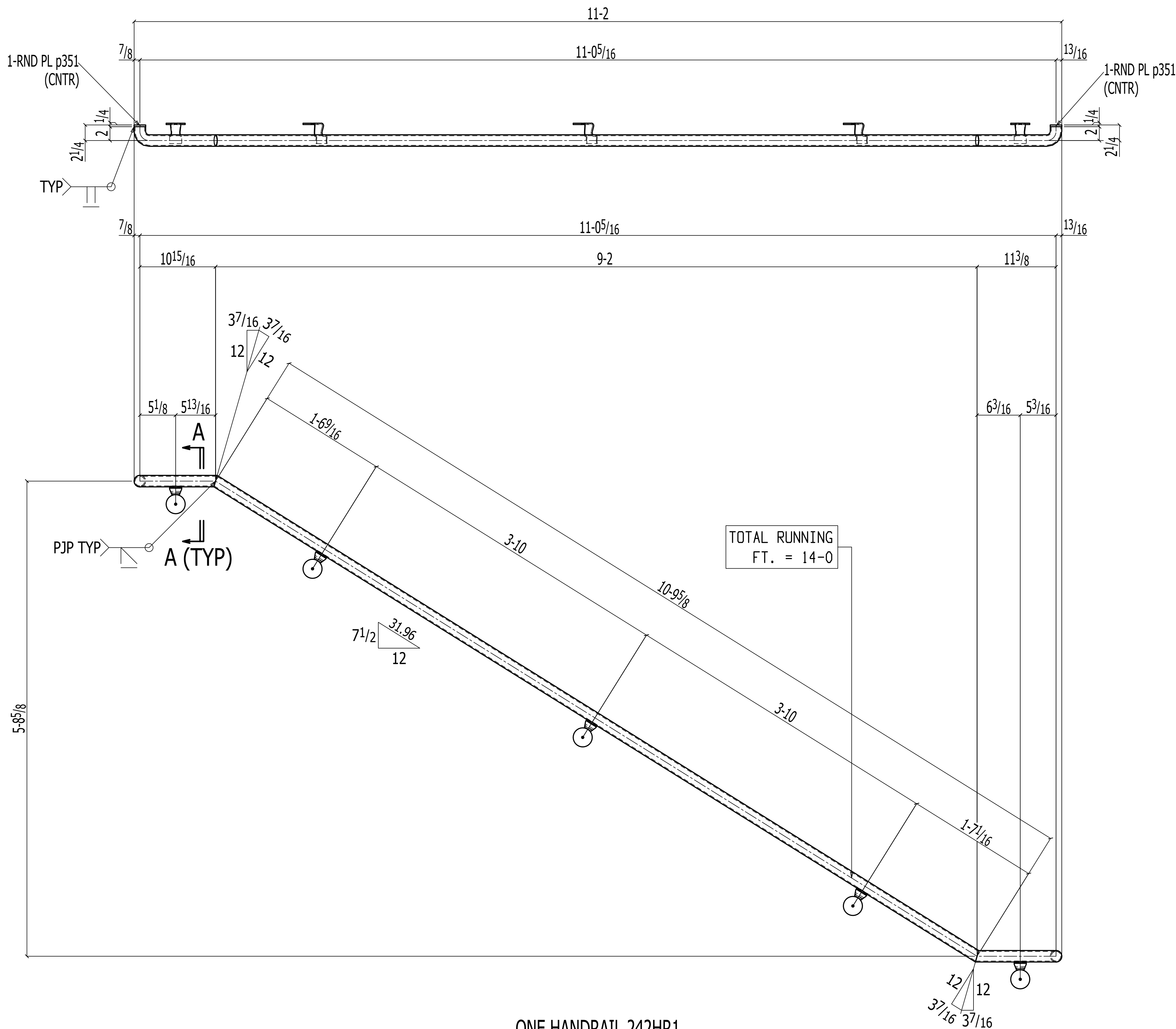
CAPCO STEEL ERECTION
TEL: (401) 383-9388 - FAX: (401) 343-9051
E-MAIL: info@capcoerectors.com
25C ACORN STREET
PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3
ITEM: STAIR#2
CUSTOMER: DIMEO CONSTRUCTION CO.
SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL: AS NOTED HOLES: 1 3/16" U.N.O WELD: E70XX

MATERIAL U.N.
BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES: ASTM A36
PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N. E70XX
E70XX-LH FOR ASTM A572-50

DRAWN BY PKM DATE 08-16-2022
CHECKED BY ALN DATE 08-16-2022
JOB NO. 22-0012-5002 REV #
DWG NO. 238

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



TOTAL RUNNING
FT. = 14-0

ONE HANDRAIL 242HR1
(E REFER: E211)
ISC PRIMER

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	242HR1		HANDRAIL			32
1	242HR1		PIPE 1 1/4 STD	14 0	A53	32
2	p351		PL 1/2 x 1 1/16		(RND PL) A36	0
5			WAGNER BRACKET #3418			
Total weight :						32

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

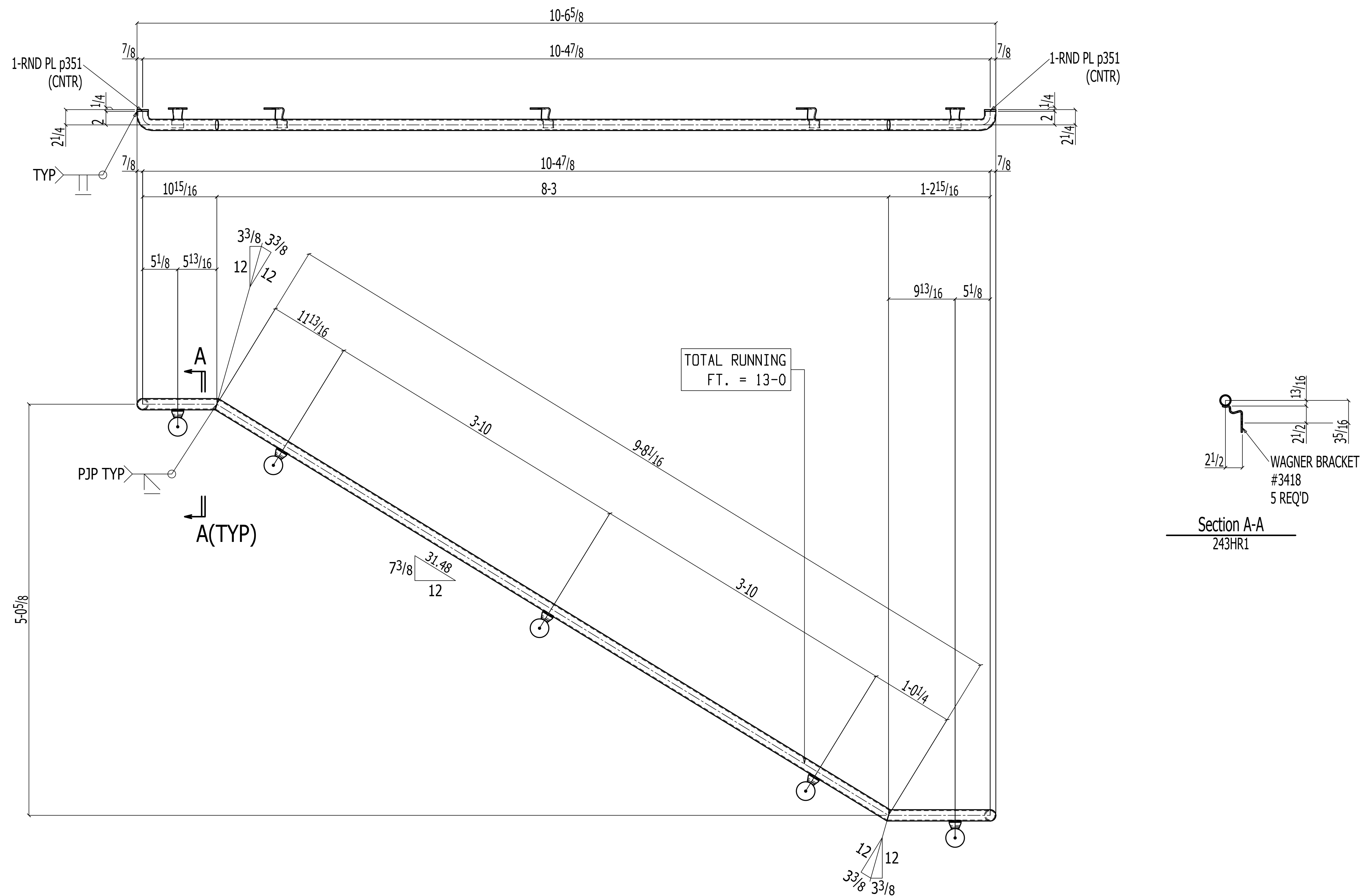
MSC CERTIFIED FABRICATOR AND ERECTOR
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

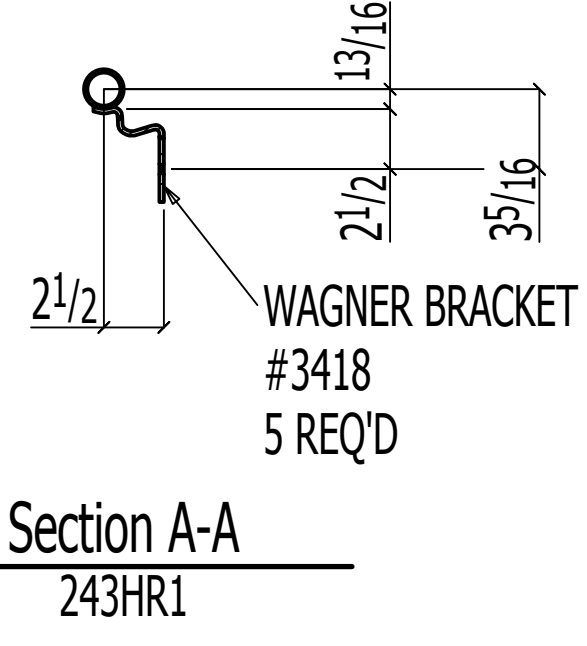
MATERIAL U.N.
 BEAMS, GIRDERS AND COLUMNS: ASTM A992
 ANGLES, BARS AND PLATES: ASTM A36
 TUBE STEEL: ASTM A500, GRADE B F146 KS
 PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
 WELDING U.N. E70XX
 E70XX-LH FOR ASTM A572-50

DRAWN BY PKM DATE 08-16-2022
 CHECKED BY ALN DATE 08-16-2022
 JOB NO. 22-0012-5002
 DWG NO. 242

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



BILL OF MATERIAL						
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE		243HR1	HANDRAIL			30
1		243HR1	PIPE 1 1/4 STD	13 0	A53	30
2		p351	PL 1/2x1 1/8		(RND PL) A36	0
5			WAGNER BRACKET #3418			
						Total weight : 30



ONE HANDRAIL 243HR1

(E REFER: E212)

1SC PRIMER

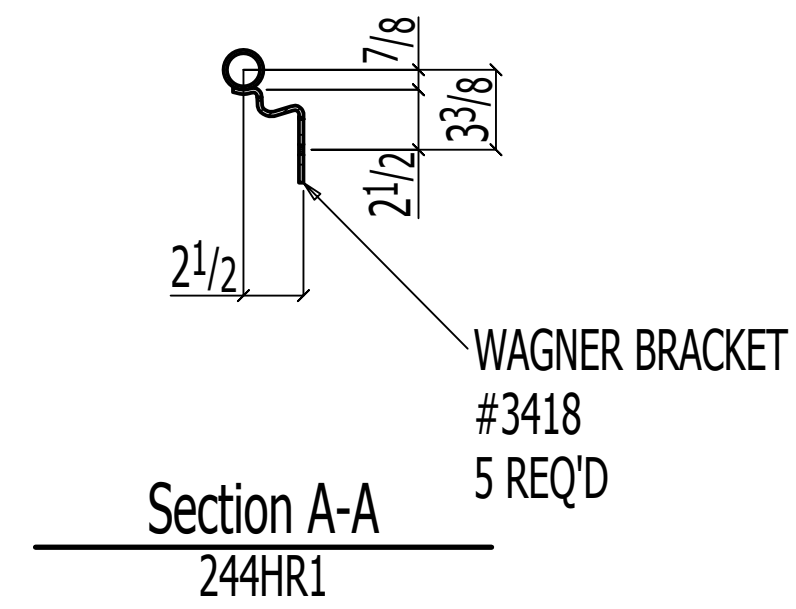
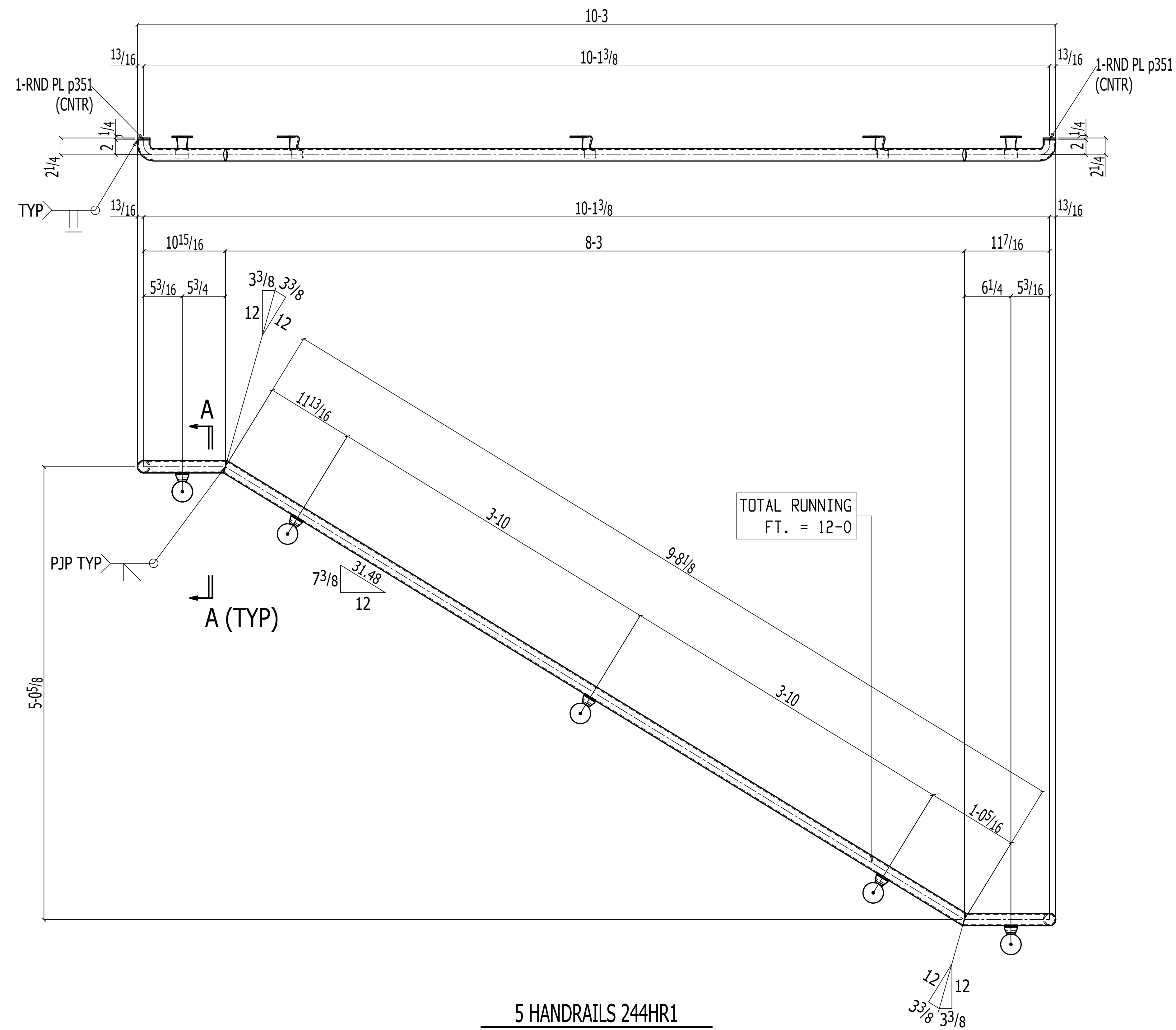
REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
 Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

CAPCO STEEL ERECTION
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 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13 1/16 U.N.O WELD: E70XX
 MATERIAL U.N. BEAMS, GIRDS AND COLLUMNS: ASTM A892 DRAWN BY PKM DATE 08-16-2022
 ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022
 TUBE STEEL: ASTM A500, GRADE B F=48 KSI
 PIPE SCHEDULE: ALL CONFORMING TO ASTM A53, GRADE B JOB NO. 22-0012-5002 REV #
 WELDING U.N. E70XX DWG NO. 243 A



5 HANDRAILS 244HR1

(E REFER: E212)

1SC PRIMER

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
5		244HR1	HANDRAIL			138
5	1	244HR1	PIPE 1 1/4 STD	12 0	A53	136
10	2	p351	PL 1/2 x 1 1/16		(RND PL) A36	2
25			WAGNER BRACKET #3418			
Total weight :						138

AESS FINISH:

- Spec Section Ref Required:
- Additional Information;

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



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 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

TUBE STEEL: ASTM A500, GRADE B F146/KS1 JOB NO. 22-0012-5002 REV #

PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B DWG NO. 244

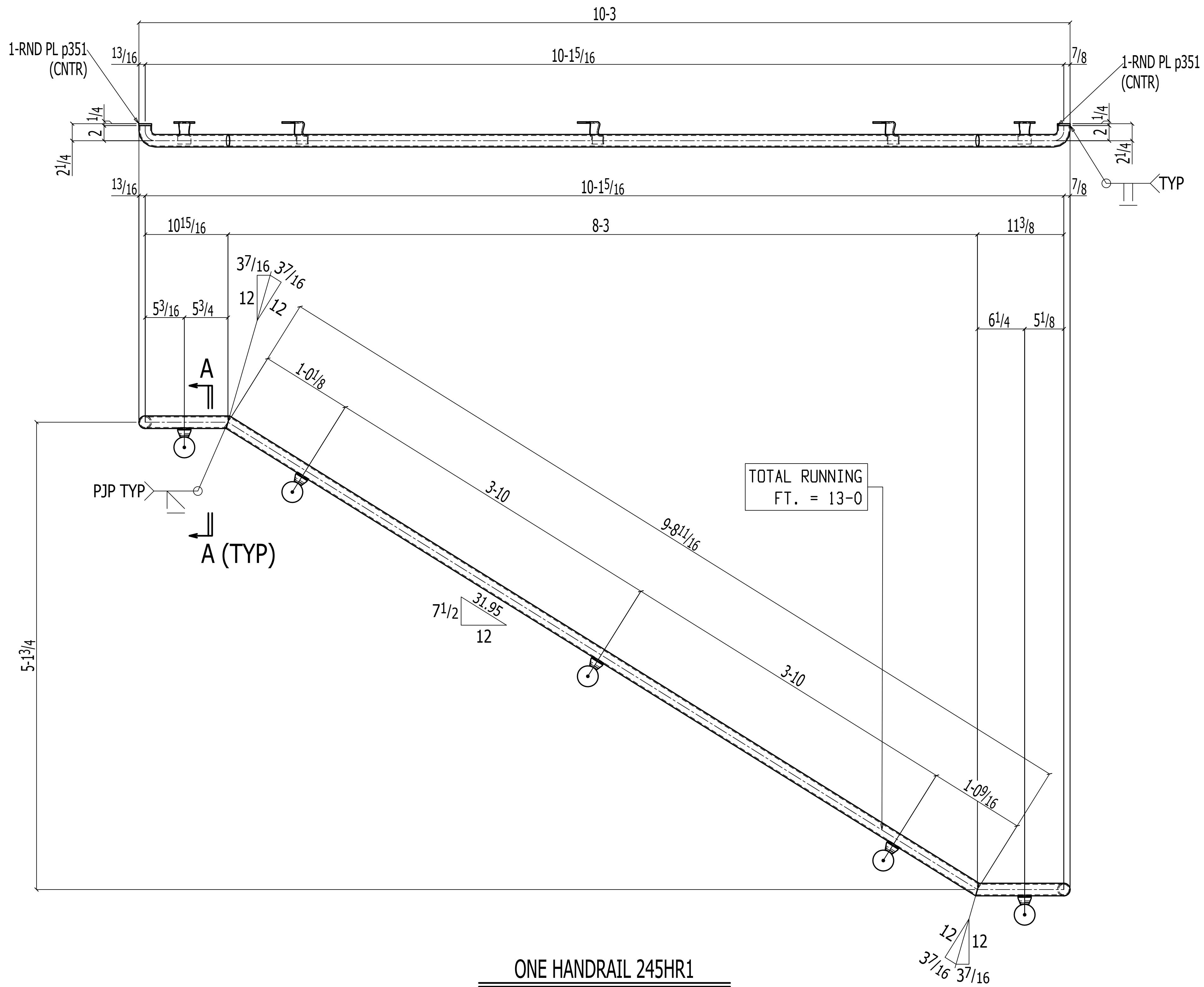
WELDING U.N. E70XX

E70XX-LH FOR ASTM A572-50

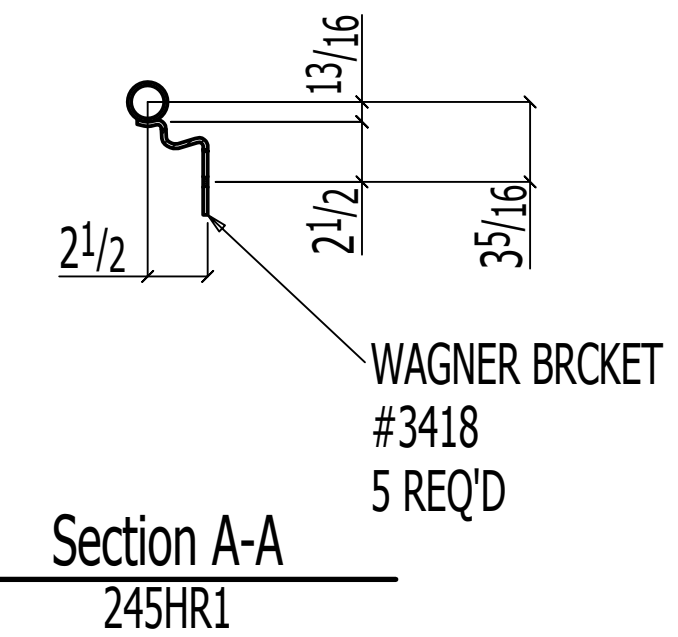
REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	245HR1		HANDRAIL			30
1	245HR1		PIPE 1 1/4 STD	13 0	A53	30
2	p351		PL 1/2 x 1 1/8		(RND PL) A36	0
5			WAGNER BRACKET #3418			
Total weight :						30



TOTAL RUNNING
FT. = 13-0



ONE HANDRAIL 245HR1

(E REFER: E212)

1SC PRIMER

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

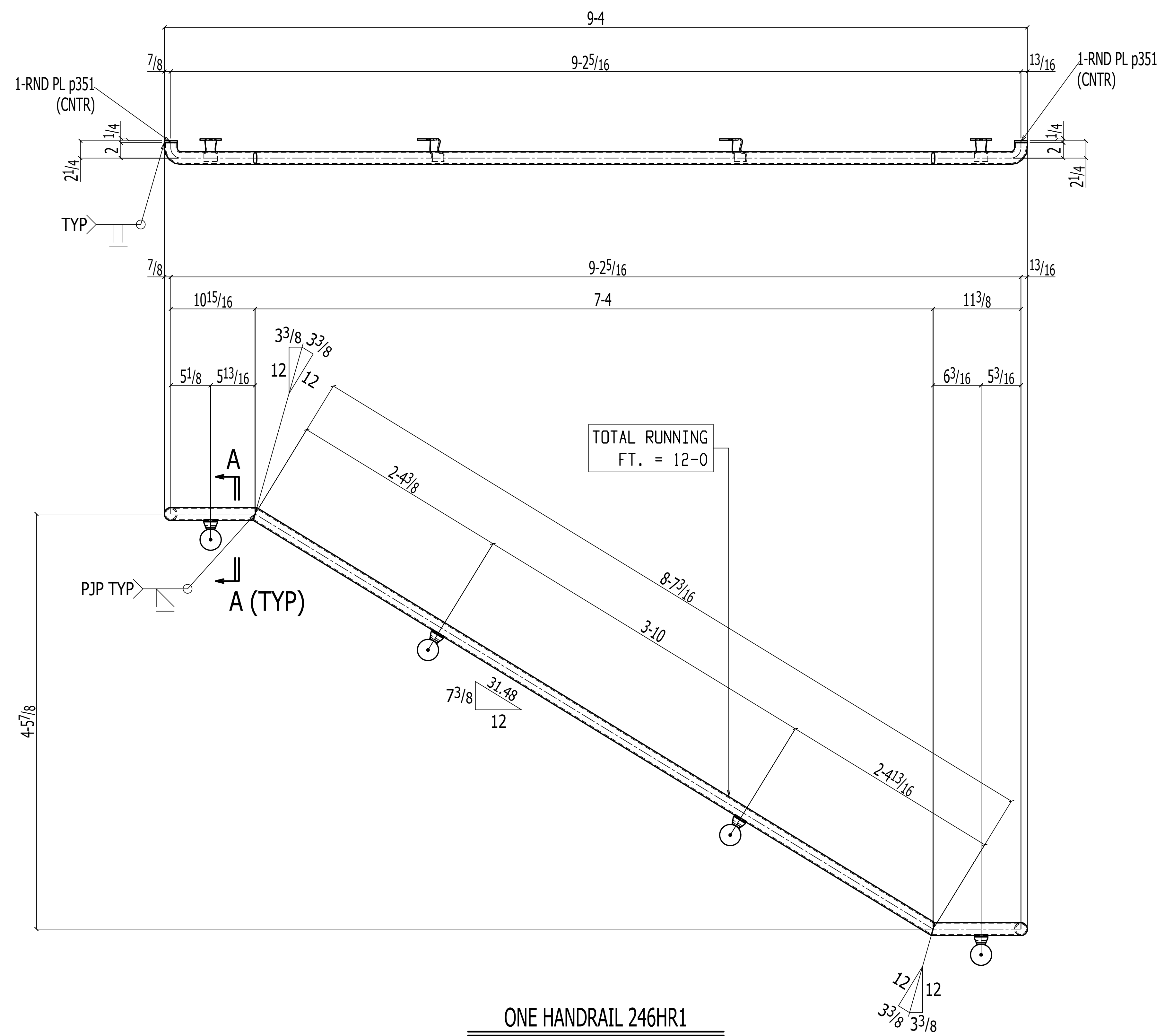
- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



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 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSSP-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
 MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022
 ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022
 TUBE STEEL: ASTM A500, GRADE B F=48 KSI
 PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
 WELDING U.N. E70XX JOB NO. 22-0012-5002 REV #
 E70XX-LH FOR ASTM A572-50 DWG NO. 245

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

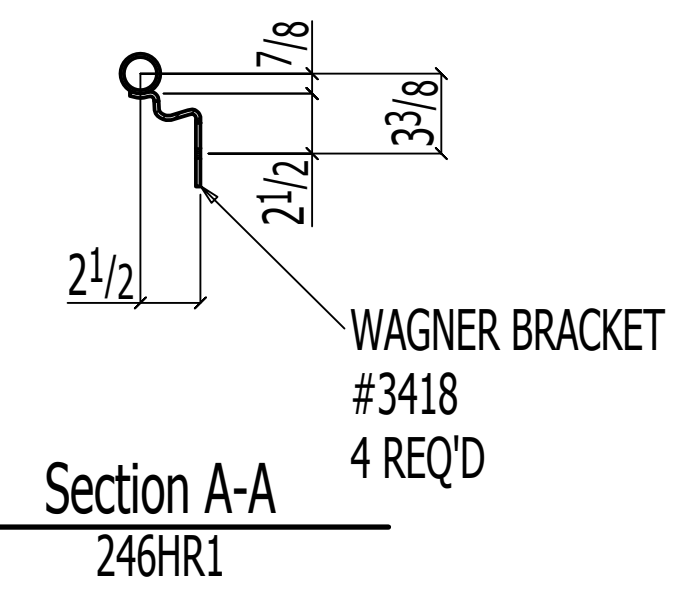


TOTAL RUNNING
FT. = 12-0

ONE HANDRAIL 246HR1

(E REFER: E212)

ISC PRIMER



Section A-A
246HR1

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	246HR1		HANDRAIL			28
1	1 246HR1		PIPE 1 1/4 STD	12 0	A53	27
2	2 p351		PL 1/2 x 1 1/8		(RND PL) A36	0
4			WAGNER BRACKET #3418			
Total weight :						28

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

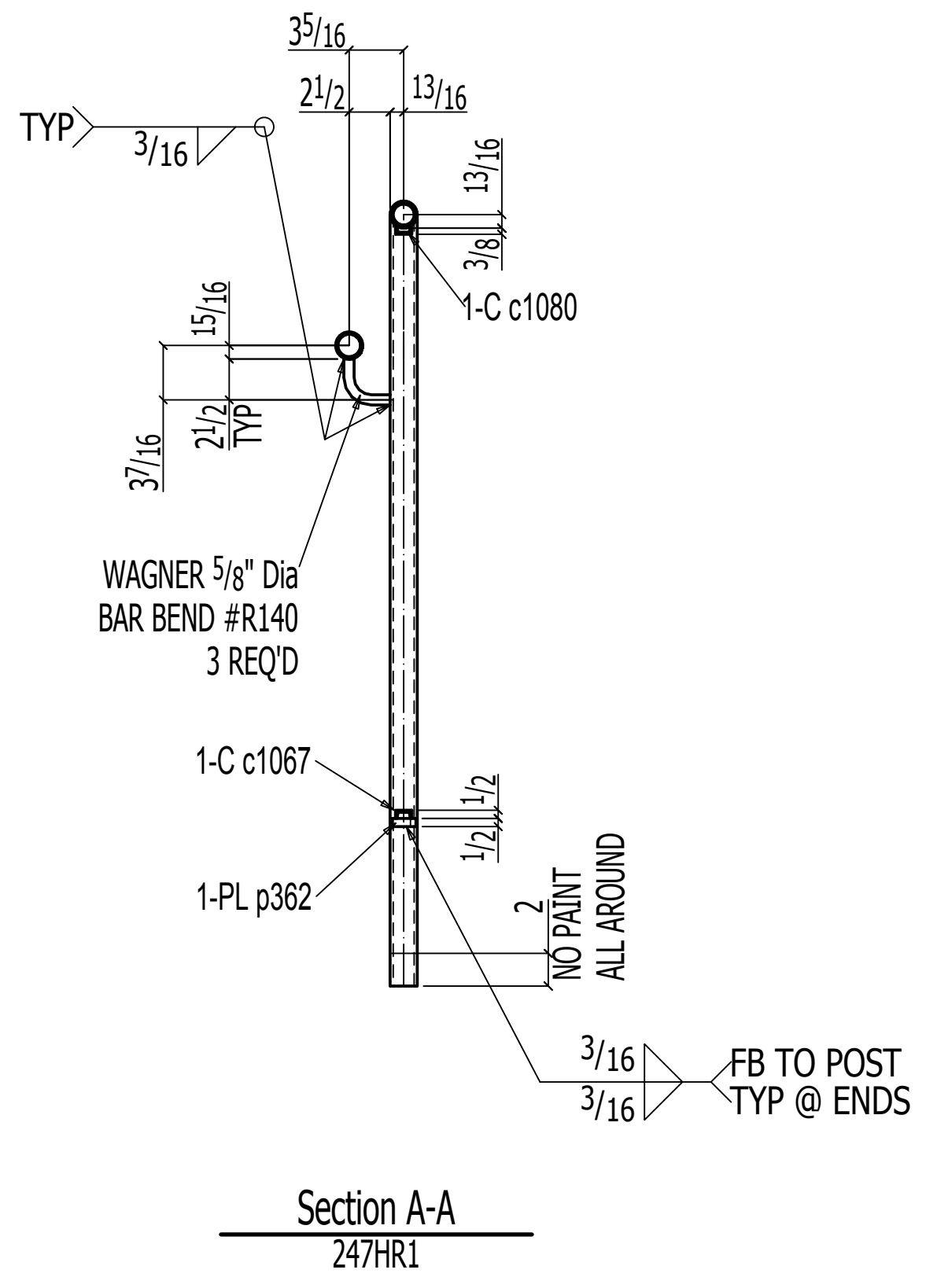
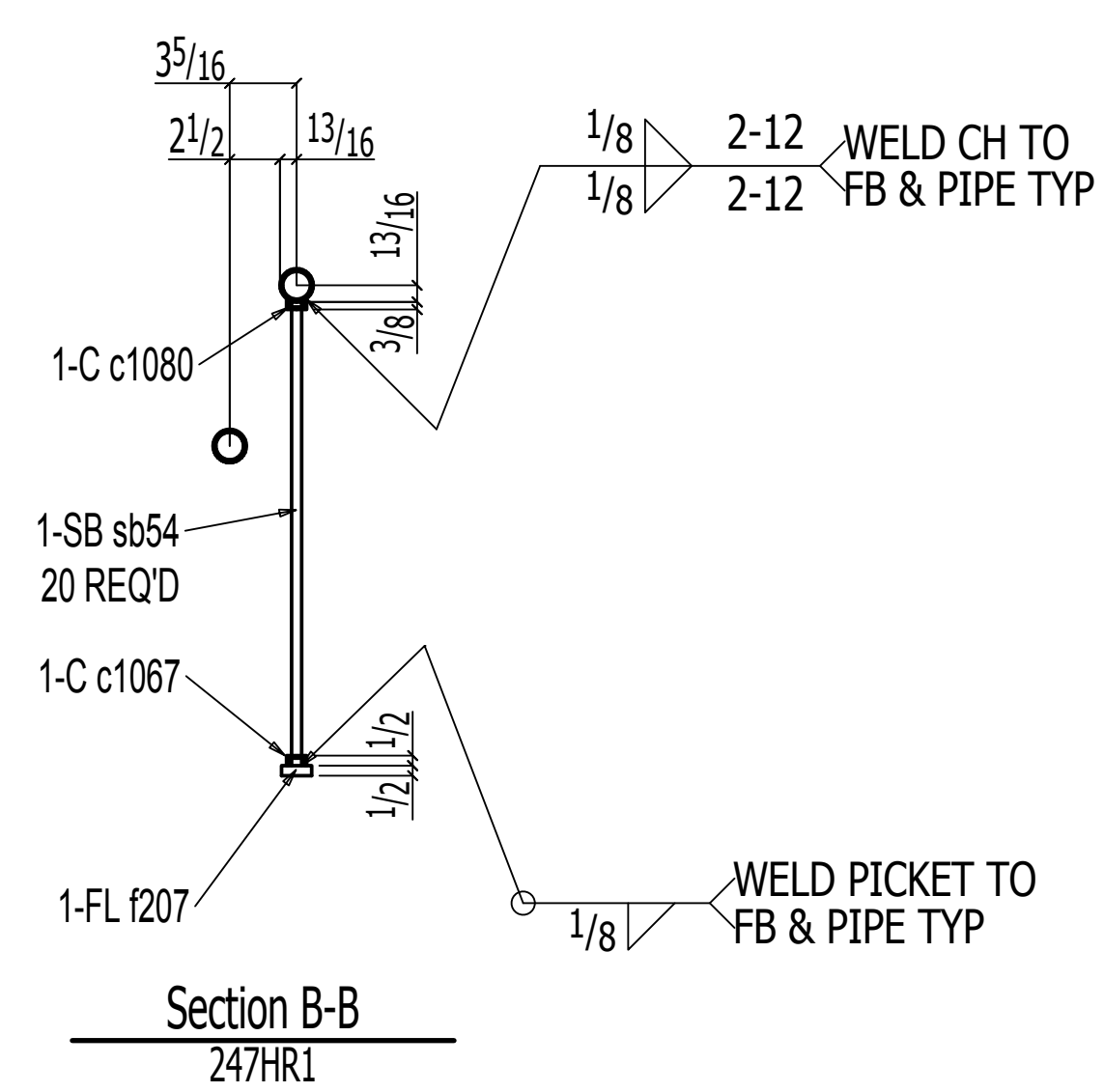
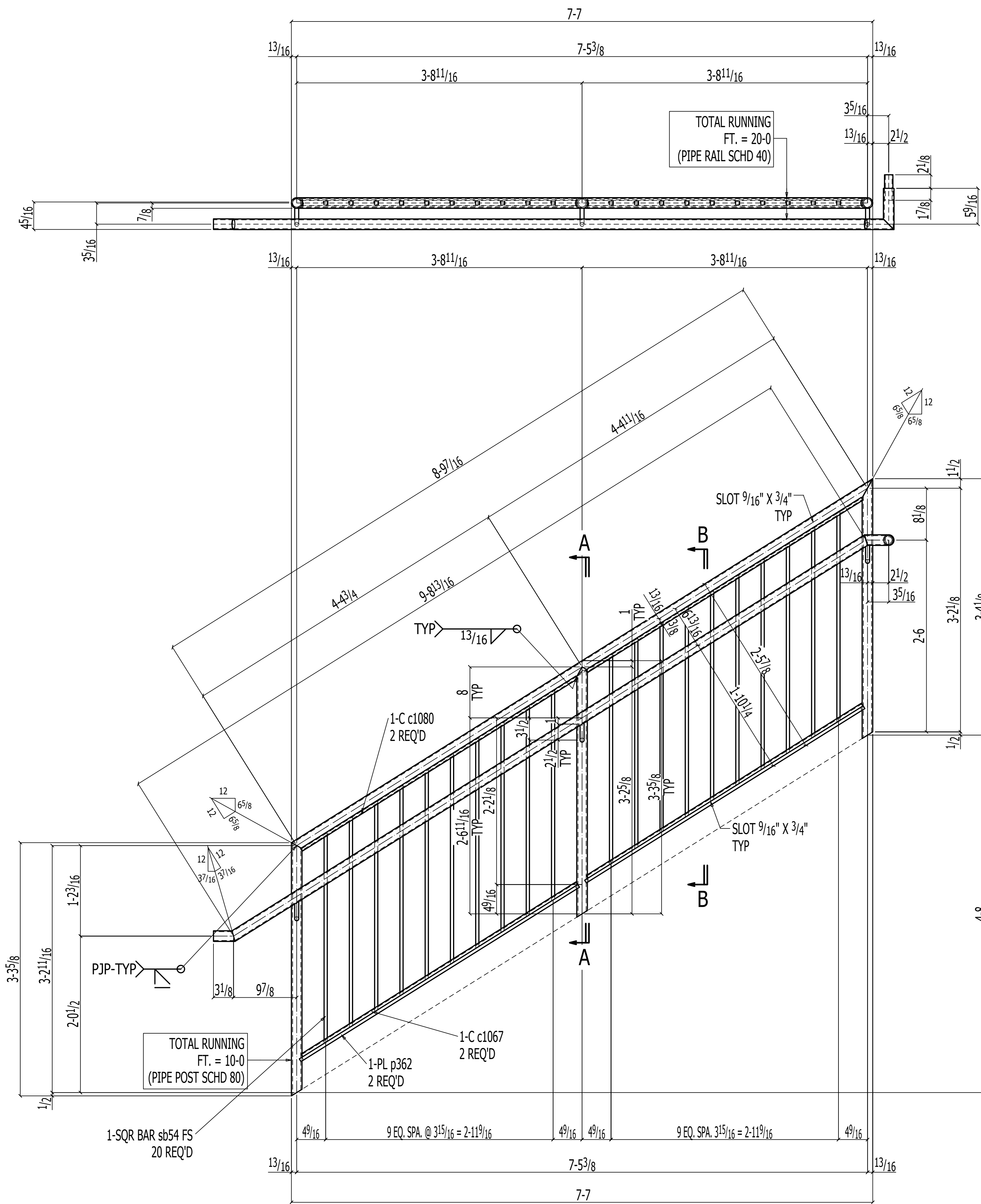


ASCE
CERTIFIED
FABRICATOR
and ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F146 KS
PIPE SCHEDULE:	40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE 08-16-2022
CHECKED BY:	ALN DATE 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	246

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE HANDRAIL 247HR1
(E REFER: E208)

ISC PRIMER

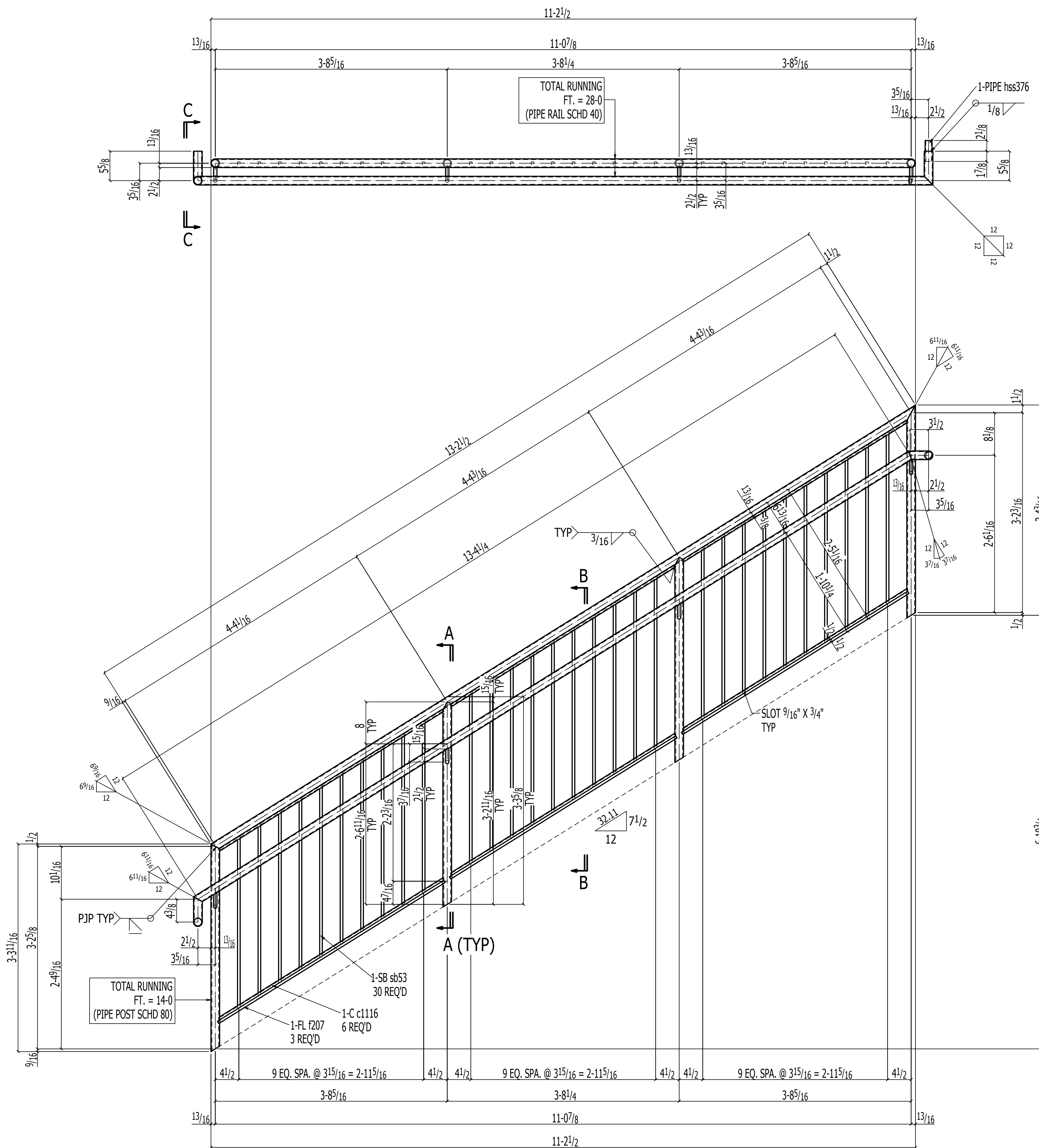
BILL OF MATERIAL						
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE		247HR1	HANDRAIL			158
1	1	247HR1	PIPE 1 1/4 STD	20 0	(PIPE RAIL) A53	45
1	1	233HR1A	PIPE 1 1/4 XS	10 0	(PIPE POST) A53	30
1	1	hss376	PIPE 1 STD	0 4	A53	1
2	2	c1080	C1x1/2x1/8	4 2 7/8	A36	7
2	2	c1067	C1x1/2x1/8	4 2 9/16	A36	7
2	2	p362	PL 1/2x1 1/2	4 3 7/16	A36	22
20	20	sb54	SB 1/2	2 9	(PICKETS) A36	46
3			WAGNER 5/8 Dia BAR BEND #R140			
Total weight :						158

- AESS FINISH:**
- Spec Section Ref Required:
- Additional Information:
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

APCO STEEL ERECTION
TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@apcocreectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	DRAWN BY PKM DATE 08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY ALN DATE 08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO. 22-0012-5002 REV #
TUBE STEEL: ASTM A501, GRADE B F=48.5	DWG NO. 247
PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B	
WELDING U.N. E70XX	
E70XX-LH FOR ASTM A572-50	

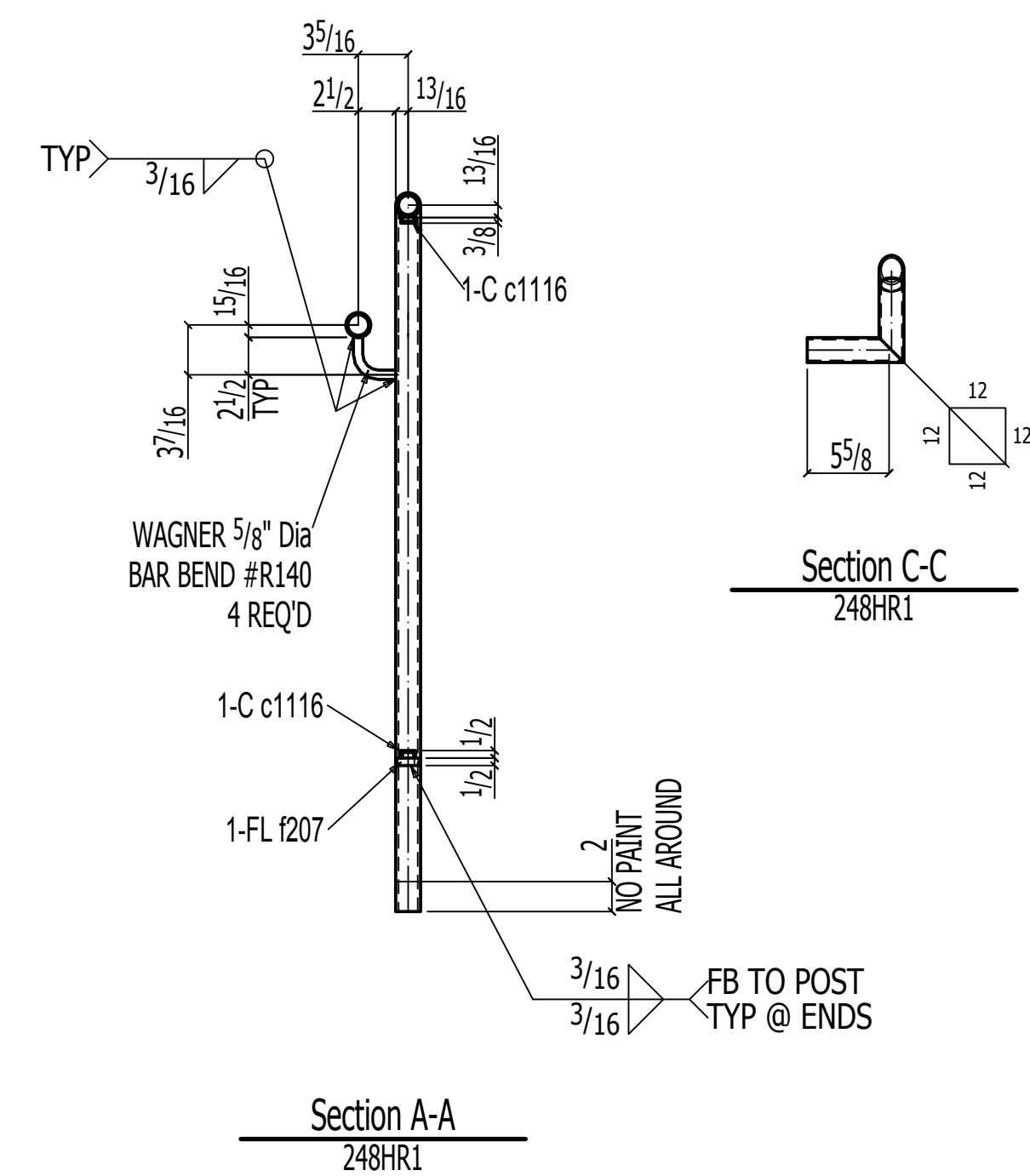
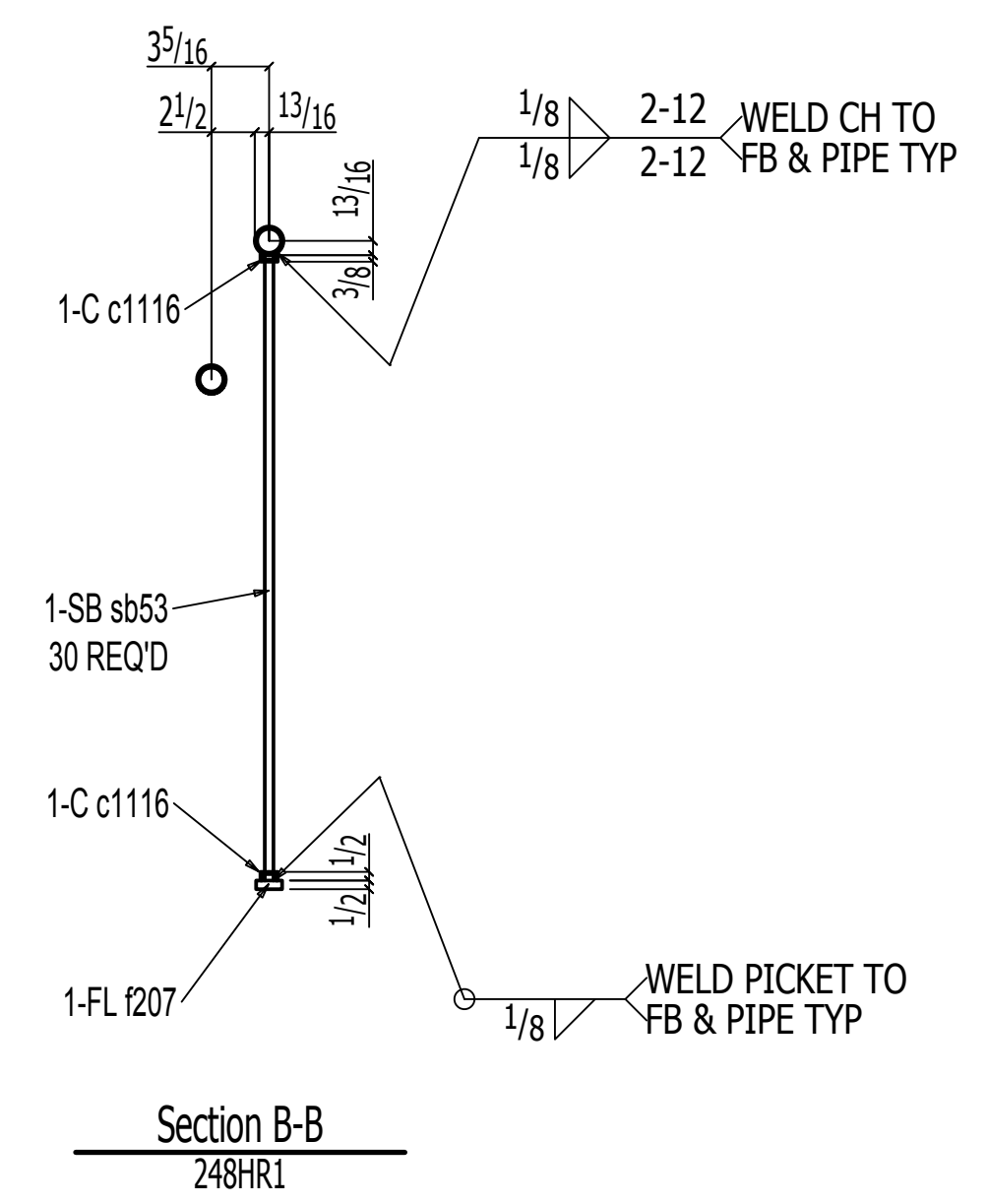
REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE HANDRAIL 248HR1

(E REFER: E208)

ISC PRIMER



BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	1	248HR1	HANDRAIL			229
1	1	248HR1	PIPE 1 1/4 STD	28 0	(PIPE RAIL) A53	64
1	1	234HR1A	PIPE 1 1/4 XS	14 0	(PIPE POST) A53	42
1	1	hss376	PIPE 1 STD	0 4	A53	1
6	6	c1116	C1x1/2x1/8	4 2 5/16	A36	21
3	3	f207	FL 1/2x1 1/2	4 2 5/16	A36	32
30	30	sb53	SB 1/2	2 9	(PICKETS) A36	70
4	4		WAGNER 5/8 Dia BAR BEND #R140			
Total weight :						229

AESS FINISH:

- Spec Section Ref Required:
- Additional Information:

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

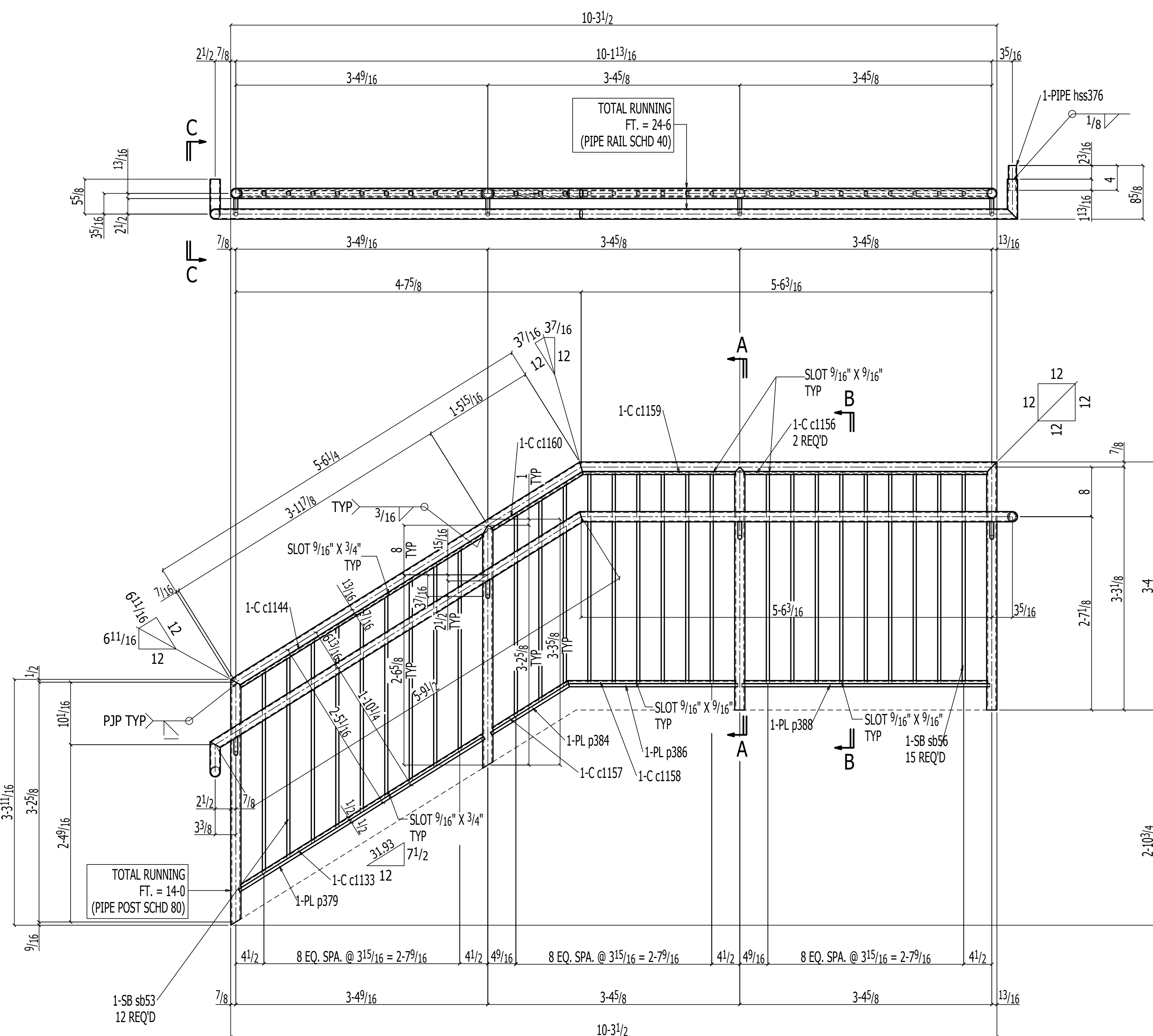
- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3		ITEM: STAIR#2	
CUSTOMER: DIMEO CONSTRUCTION CO.		DATE: 08-16-2022	
SURF. PREP: SSPC-SP3	FINISH: FAST DRY 4190 GRAY	WELD: E70XX	
MATERIAL: AS NOTED	HOLES: 13/16" U.N.O	DATE: 08-16-2022	
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992	DRAWN BY: PKM	DATE: 08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	PIPE STEEL: ASTM A53, GRADE B	CHECKED BY: ALN	DATE: 08-16-2022
PIPE SCHEDULE: ALL CONFORMING TO ASTM A53, GRADE B	WELDING U.N.	JOB NO. 22-0012-5002	REV #
	E70XX	DWG NO. 248	A
	E70XX-LH FOR ASTM A572-50		

A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION

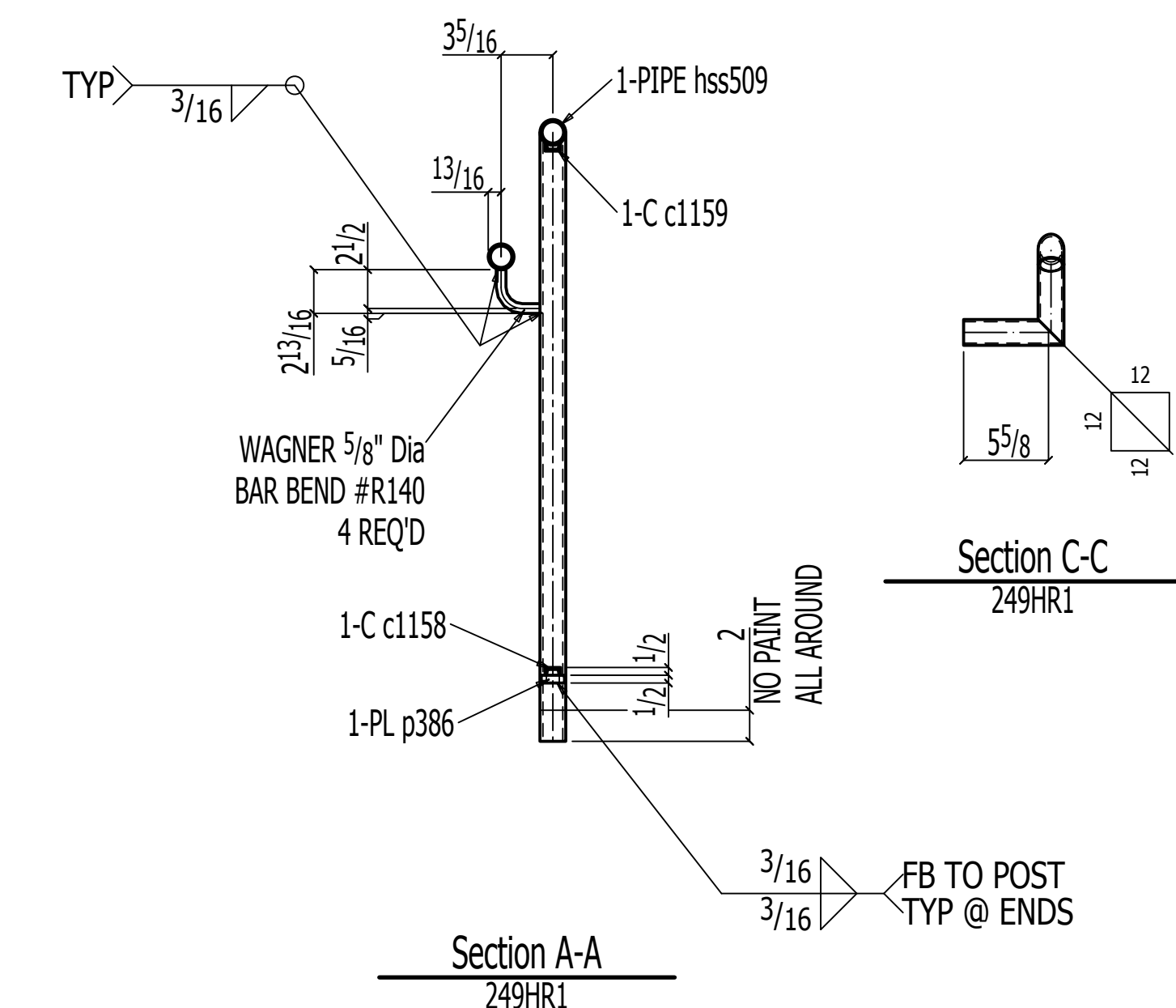
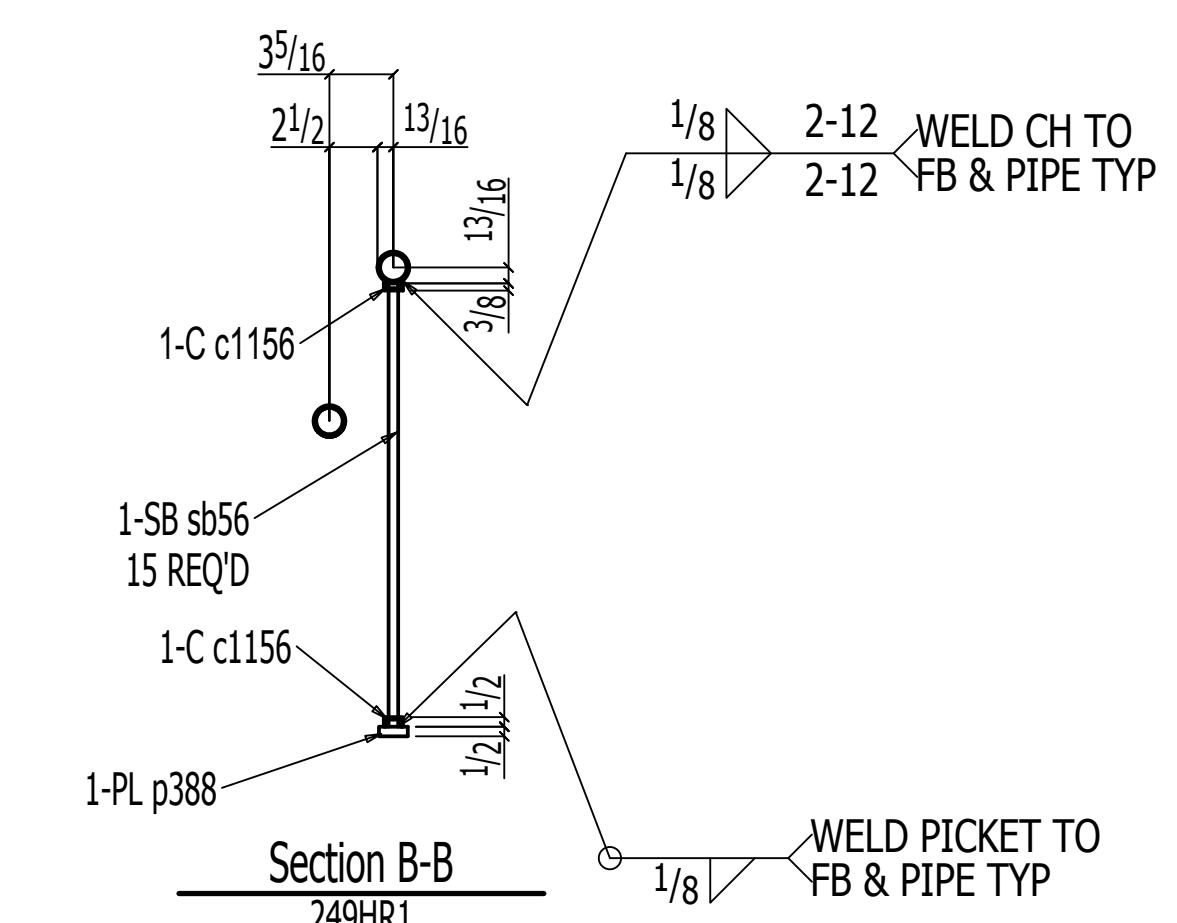


ONE HANDRAIL 249HR1

(E REFER: E208)

1SC PRIMER

BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE		249HR1	HANDRAIL			207
1	1	249HR1	PIPE 1 1/4 STD	24.6	(PIPE RAIL) A53	56
1	1	235HR1A	PIPE 1 1/4 XS	14.0	(PIPE POST) A53	42
1	1	hss376	PIPE 1 STD	0.4	A53	1
1	1	c1144	C1x4 7/8	3.10	A36	3
1	1	c1133	C1x4 7/8	3.95	A36	3
2	2	c1156	C1x4 7/8	3.39	A36	6
1	1	c1158	C1x4 7/8	2.34	A36	2
1	1	c1159	C1x4 7/8	2.09	A36	2
1	1	c1160	C1x4 7/8	1.54	A36	1
1	1	c1157	C1x4 7/8	1.29	A36	1
1	1	p384	PL 1/2 x 1 1/2	1.27	A36	3
1	1	p379	PL 1/2 x 1 1/2	3.10	A36	10
1	1	p386	PL 1/2 x 1 1/2	2.34	A36	6
1	1	p388	PL 1/2 x 1 1/2	3.39	A36	8
15	15	sb56	SB 1/2	2.10	(PICKETS) A36	36
12	12	sb53	SB 1/2	2.9	(PICKETS) A36	28
4			WAGNER 5/8 Dia BAR BENT #R140			
Total weight :						207



- AESS FINISH:**
- Spec Section Ref Required:
 - Additional Information:*
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoseelers.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDSERS AND COLLUMS: ASTM A992 DRAWN BY: PKM DATE: 08-16-2022

ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY: ALN DATE: 08-16-2022

TUBE STEEL: ASTM A500, GRADE B F-45 KS JOB NO. 22-0012-5002 REV#

PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX DWG NO. 249

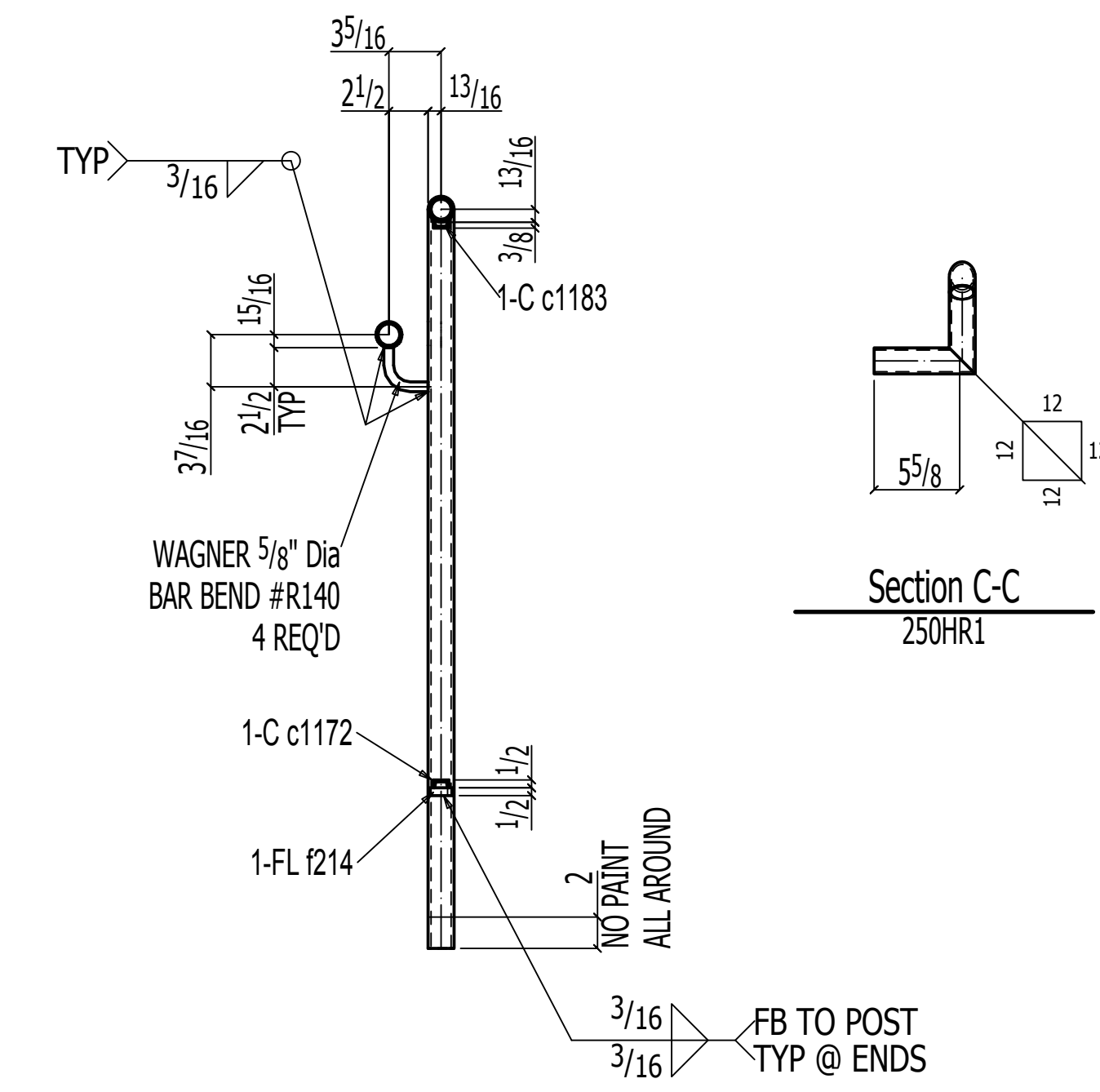
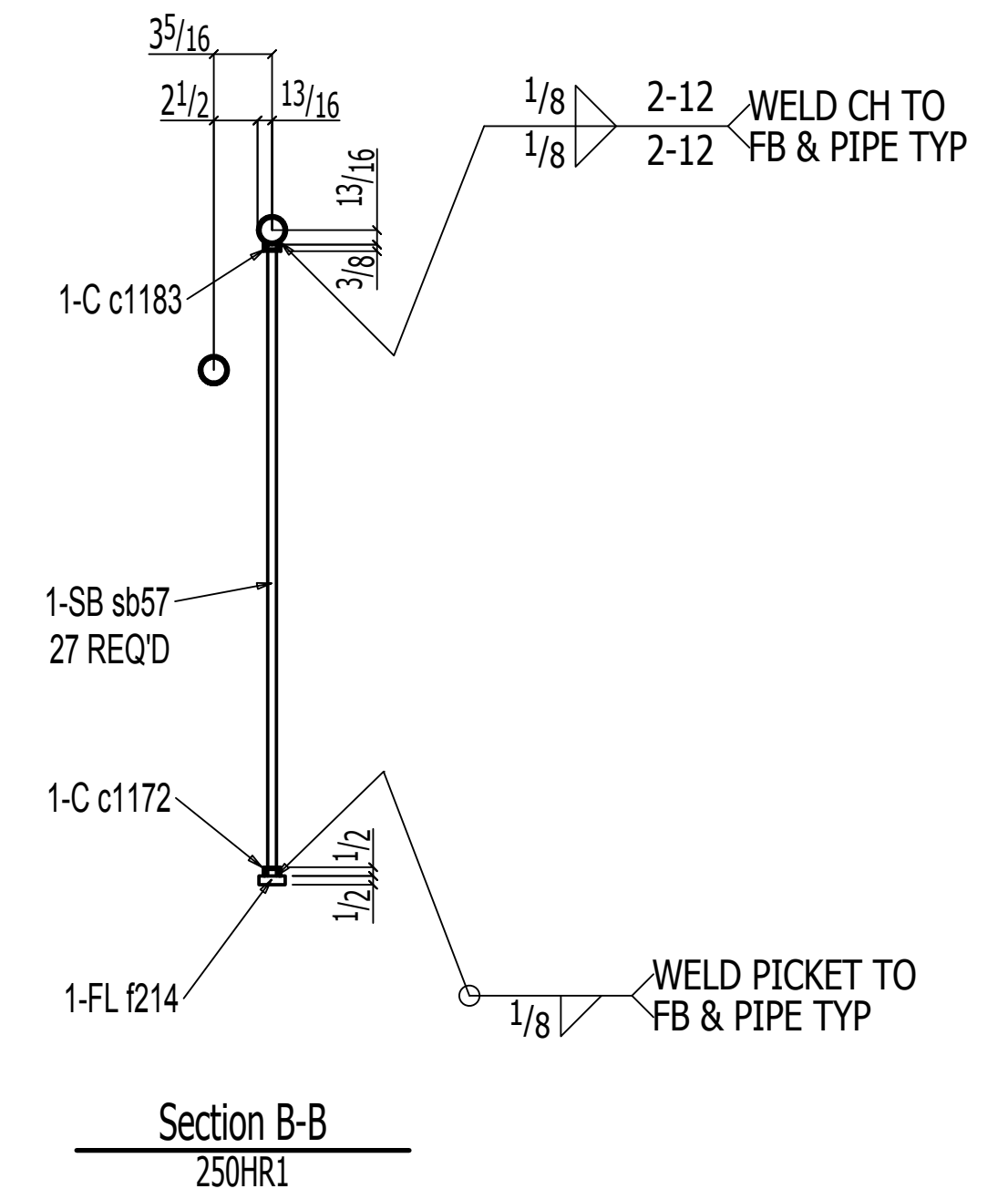
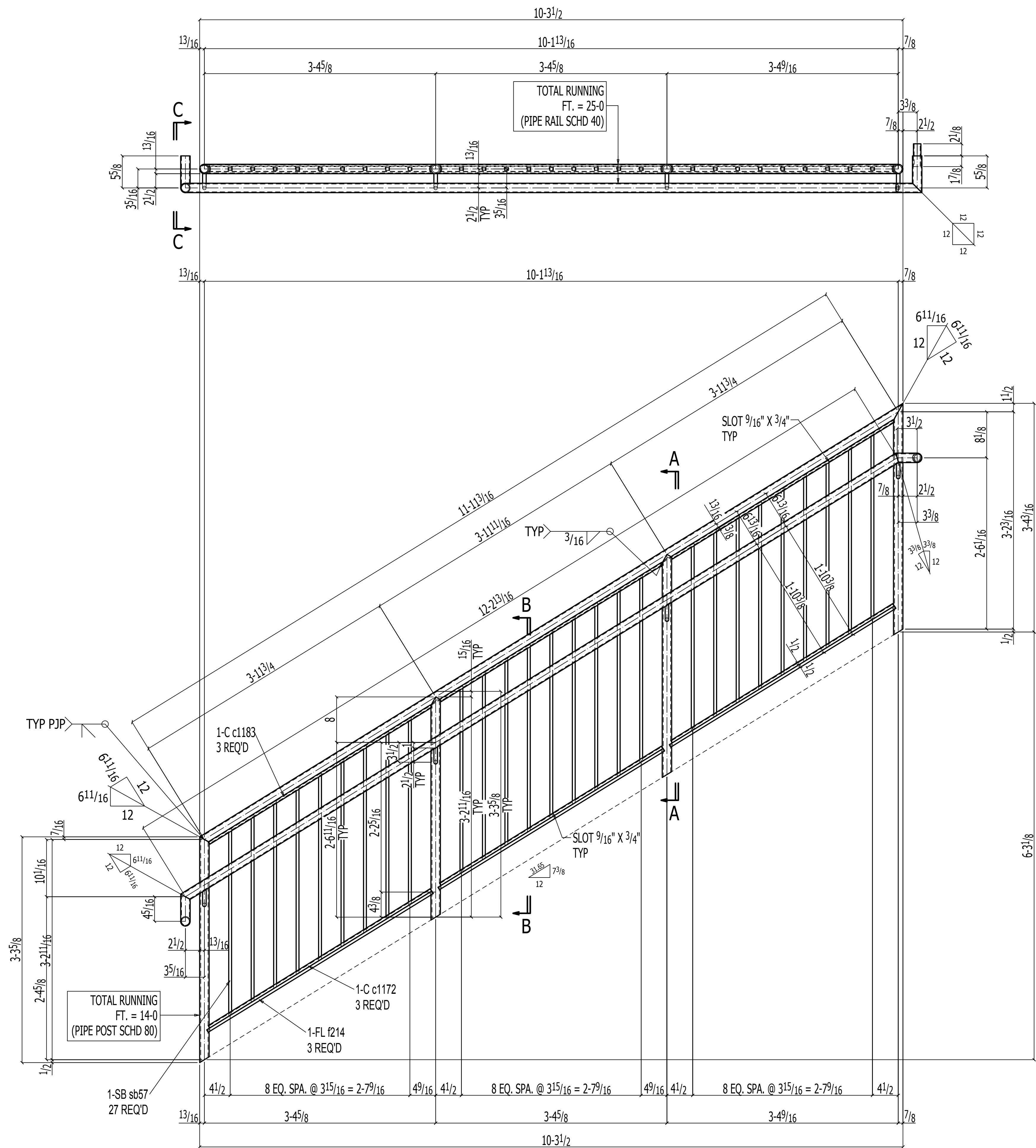
WELDER: E70XX

E70XX-LH FOR ASTM A572-50

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	250HR1		HANDRAIL			210
1	1	250HR1	PIPE 1 1/4 STD	25.0	(PIPE RAIL) A53	57
1	1	236HR1A	PIPE 1 1/4 XS	14.0	(PIPE POST) A53	42
1	1	hss376	PIPE 1 STD	0.4	A53	1
3	3	c1172	C1x1/2x1/8	3.913/16	A36	10
3	3	c1183	C1x1/2x1/8	3.913/16	A36	10
3	3	f214	FL1/2x1/2	3.107/16	A36	29
27	27	sb57	SB 1/2	2.91/16	(PICKET) A36	63
4			WANGER 5/8 Dia BAR BENT #R140			
Total weight :						210



Section A-A
250HR1

ONE HANDRAIL 250HR1
(E REFER: E208)

ISC PRIMER

AESS FINISH:
 Spec Section Ref Required:
Additional Information;

NOMMA Joint Finishes: www.nomma.org

- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
TEL: (401) 383-9388 - FAX: (401) 343-9051
E-MAIL: info@capcoerectors.com
25C ACORN STREET
PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

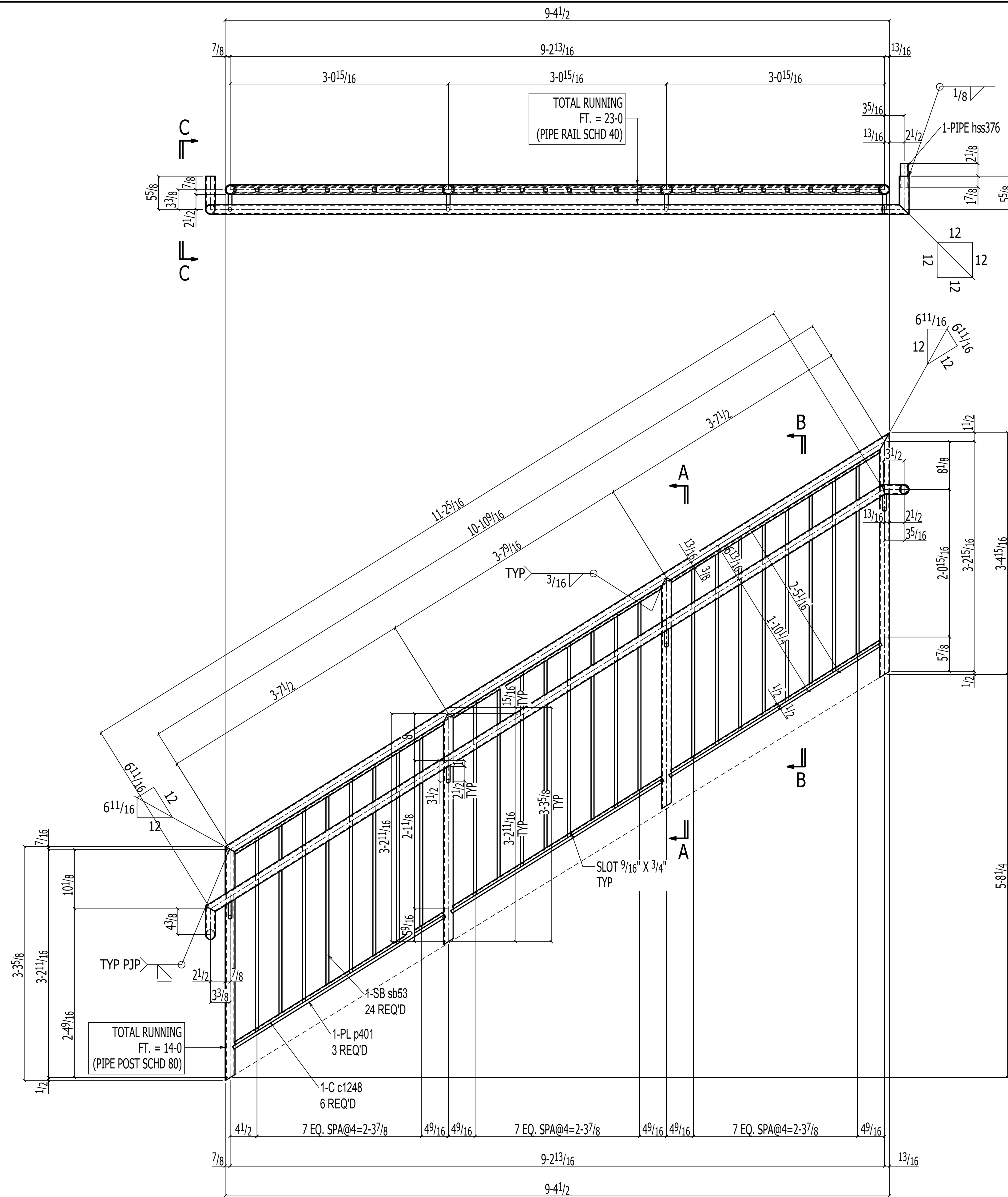
CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

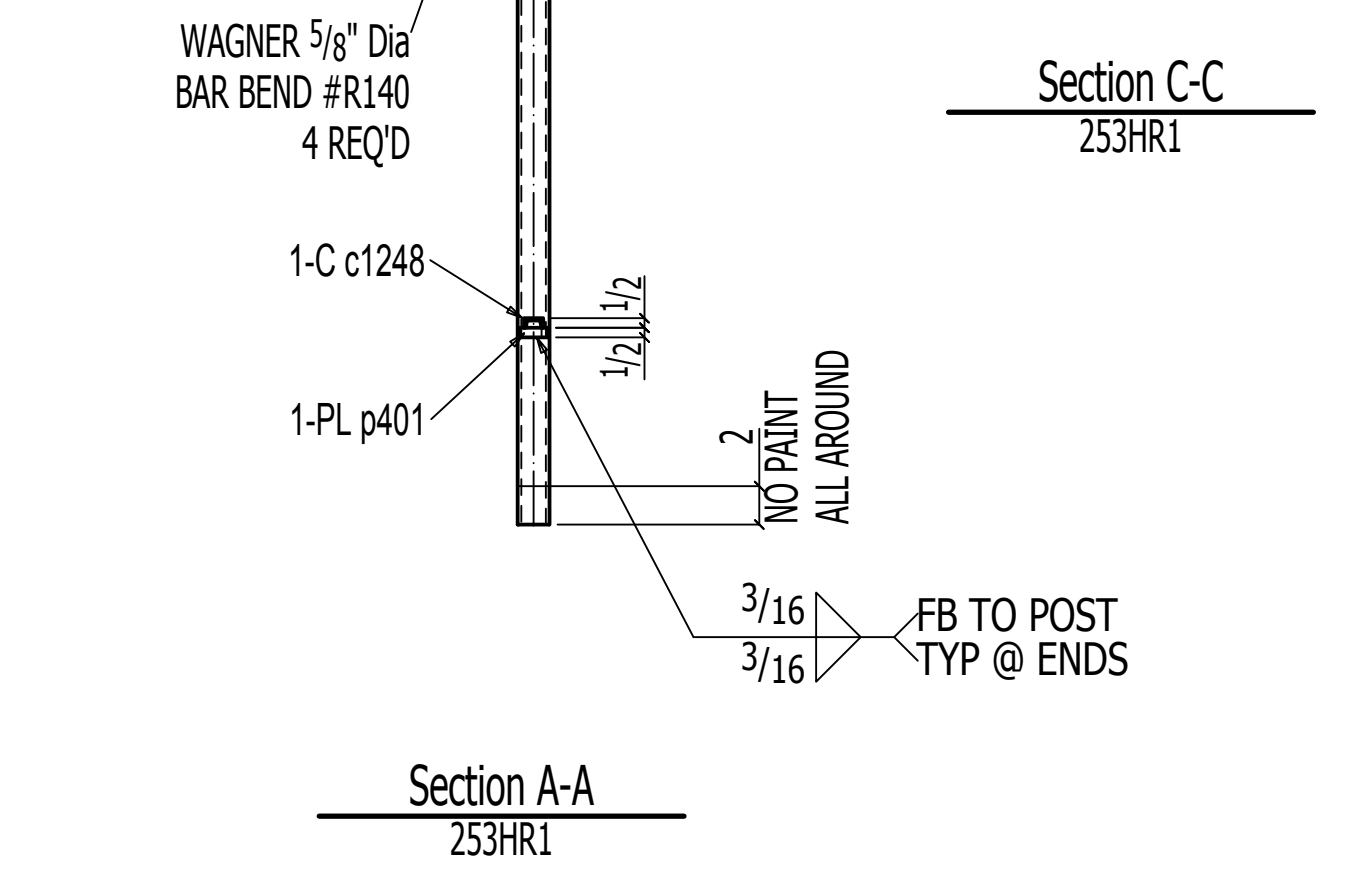
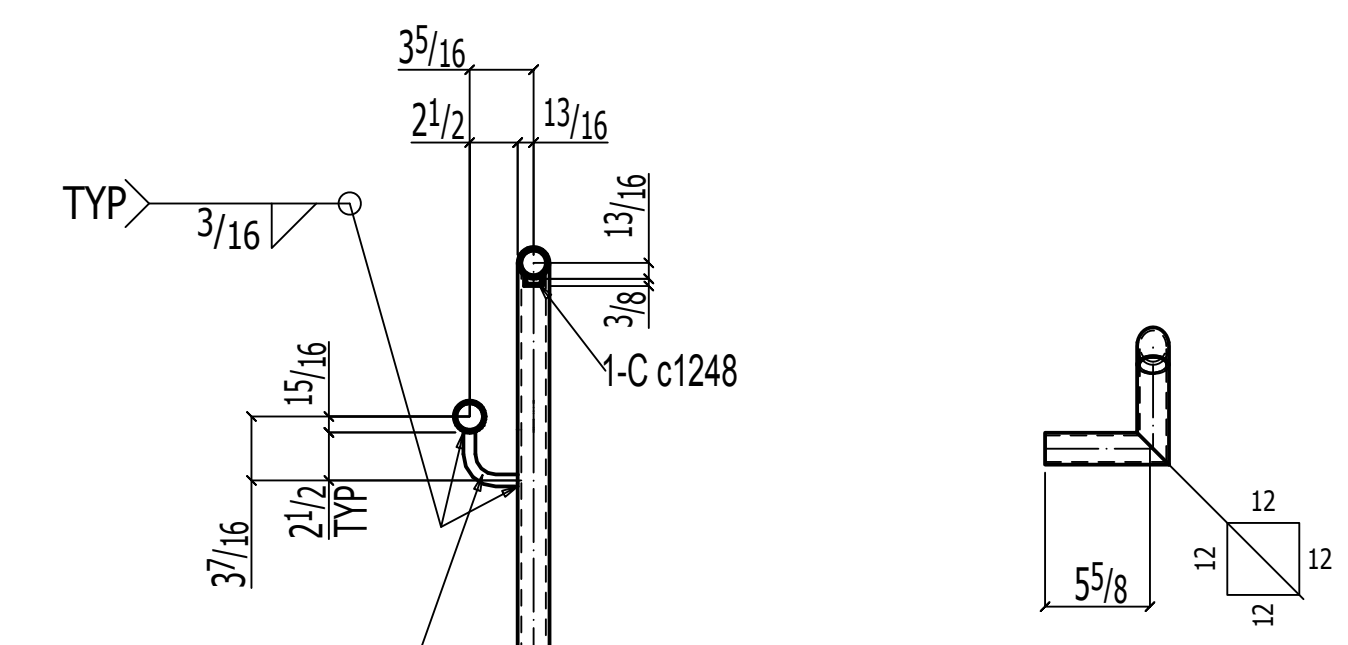
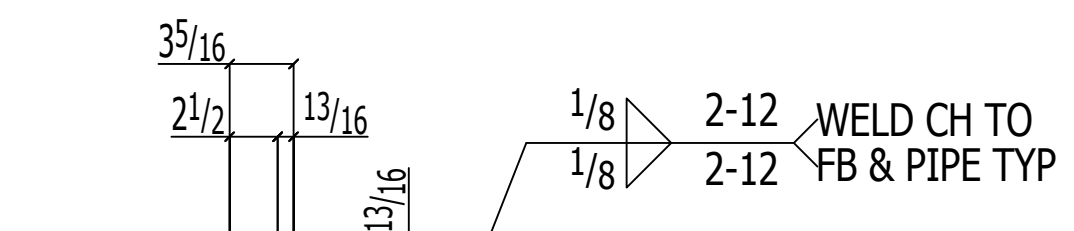
MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDS AND COLUMNS: ASTM A892 DRAWN BY PKM DATE 08-16-2022
ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022
PIPE STEEL: ASTM A500, GRADE B P-F45-XS
PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B JOB NO. 22-0012-5002
WELDING U.N. E70XX DWG NO. 250

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE HANDRAIL 253HR1
 (E REFER: E208)
 1SC PRIMER



BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	1	253HR1	HANDRAIL			195
1	1	253HR1	PIPE 1 1/4 STD	23 0	A53	52
1	1	239HR1A	PIPE 1 1/4 XS	14 0	A53	42
1	1	hss376	PIPE 1 STD	0 4	A53	1
6	6	c1248	C1x4x2x1/8	3 5/8	A36	17
3	3	p401	PL 1/2x1 1/2	3 6 1/4	A36	27
24	24	sb53	SB 1/2	2 9	(PICKETS) A36	56
4			WANGER 5/8 Dia BAR BENT #R140			
Total weight :						195

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

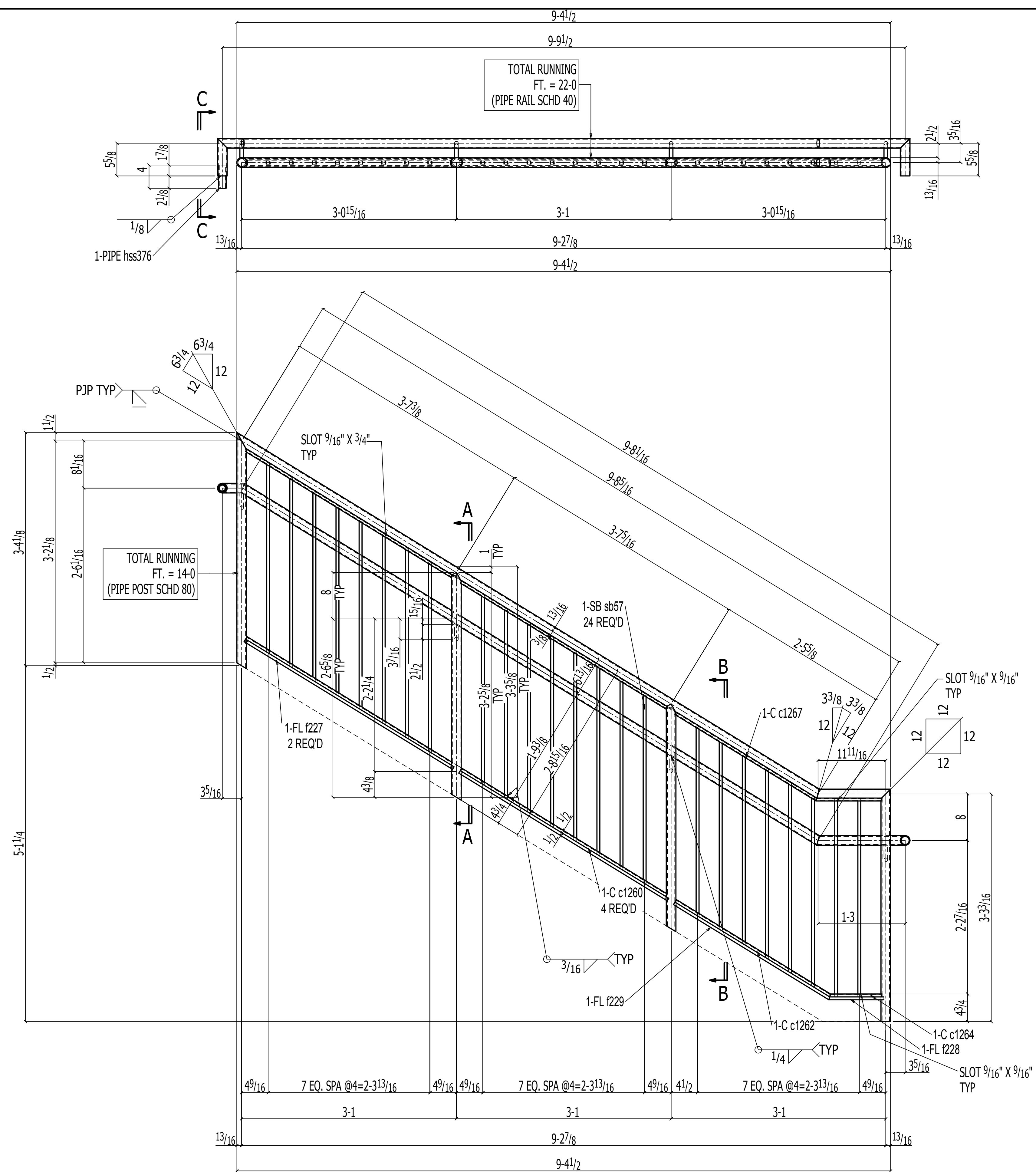
- NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
 Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

APSC CERTIFIED FABRICATOR and ERECTOR
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3	DRAWN BY: PKM	DATE: 08-16-2022
ITEM: STAIR#2	CHECKED BY: ALN	DATE: 08-16-2022
CUSTOMER: DIMEO CONSTRUCTION CO.	JOB NO. 22-0012-5002	REV #
SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY	WELD: E70XX	DWG NO. 253
MATERIAL: AS NOTED	HOLES: 13/16" U.N.O	
MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992	ANGLES, BARS AND PLATES: ASTM A36	PIPE, SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N. E70XX	E70XX-LH FOR ASTM A572-50	


REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

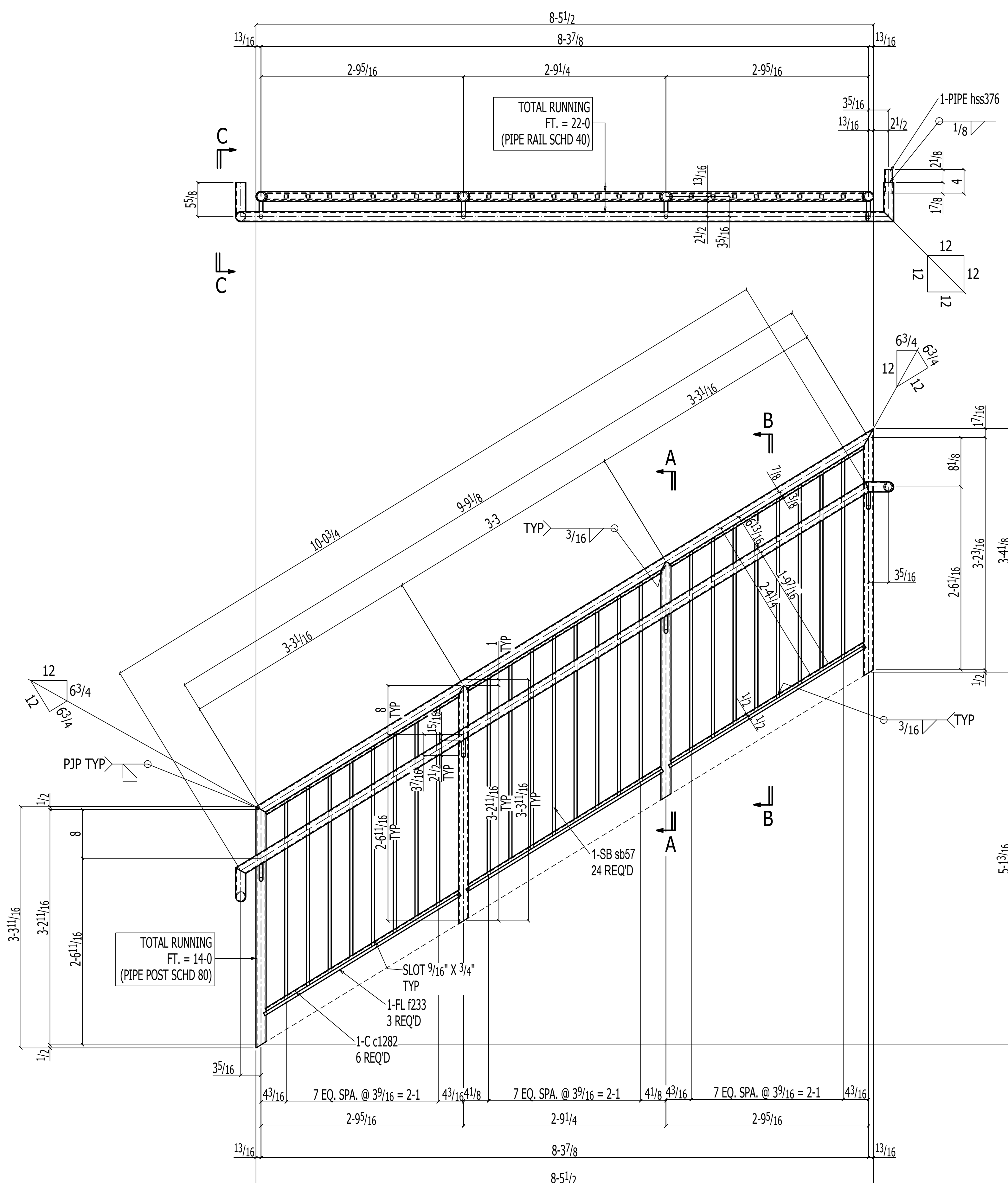
BILL OF MATERIAL						
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE		254HR1	HANDRAIL			192
1	1	254HR1	PIPE 1 1/4 STD	22 0	(PIPE RAIL) A53	50
1	1	240HR1A	PIPE 1 1/4 XS	14 0	(PIPE POST) A53	42
1	1	hss376	PIPE 1 STD	0 4	A53	1
4	4	c1260	C1x1/2x1/8	3 57/16	A36	12
1	1	c1262	C1x1/2x1/8	2 79/16	A36	2
1	1	c1267	C1x1/2x1/8	2 47/16	A36	2
1	1	c1270	C1x1/2x1/8	0 11 9/16	A36	1
1	1	c1264	C1x1/2x1/8	0 9	A36	1
1	1	f229	FL 1/2x1 1/2	2 73/8	A36	7
2	2	f227	FL 1/2x1 1/2	3 61/16	A36	18
1	1	f228	FL 1/2x1 1/2	0 9 1/2	A36	2
2	2	sb56	SB 1/2	2 10 1/16	(PICKETS) A36	5
22	22	sb57	SB 1/2	2 9	(PICKETS) A36	51
4			WANGER 5/8 Dia BAR BENT #R140			
Total weight :						192



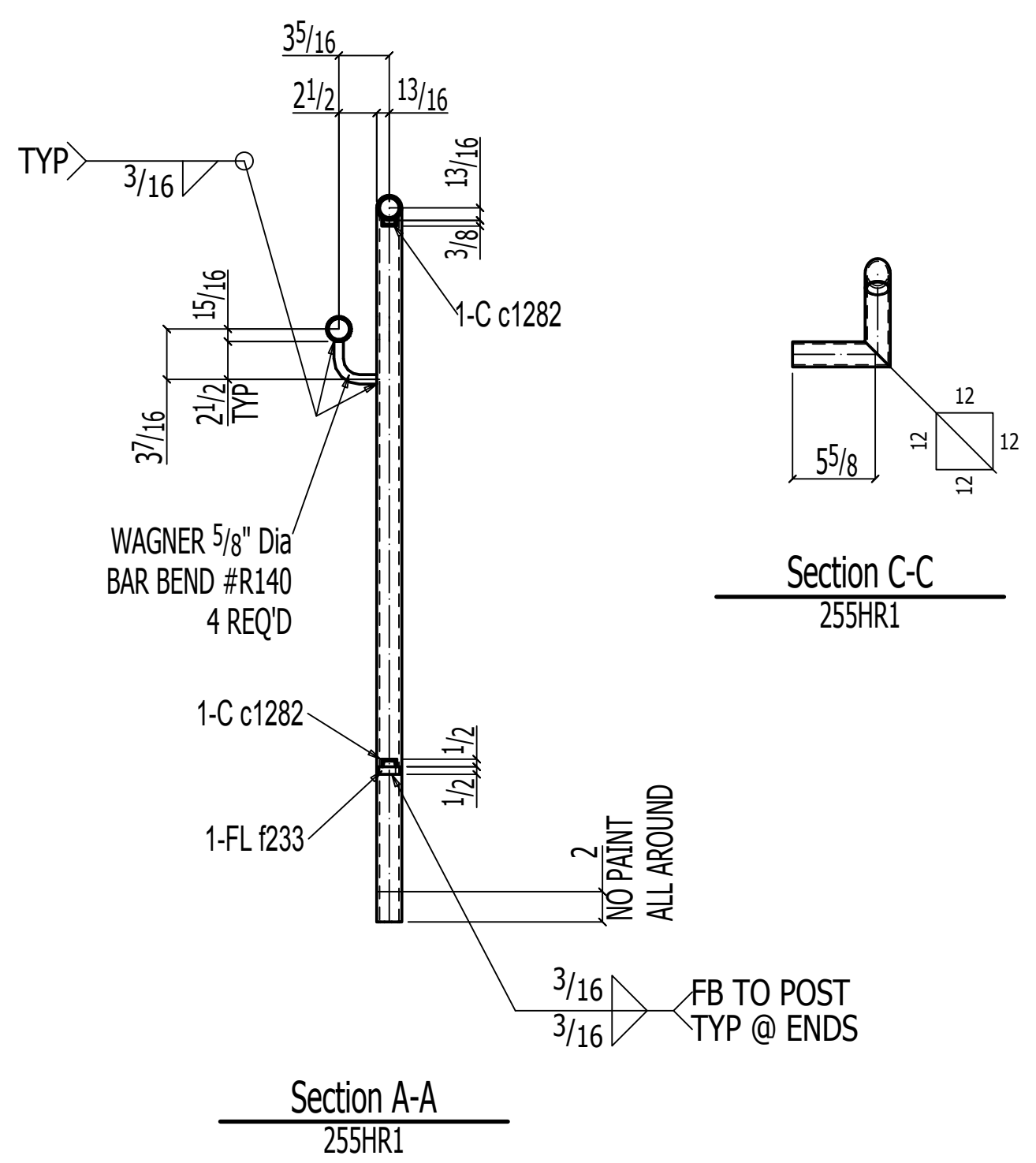
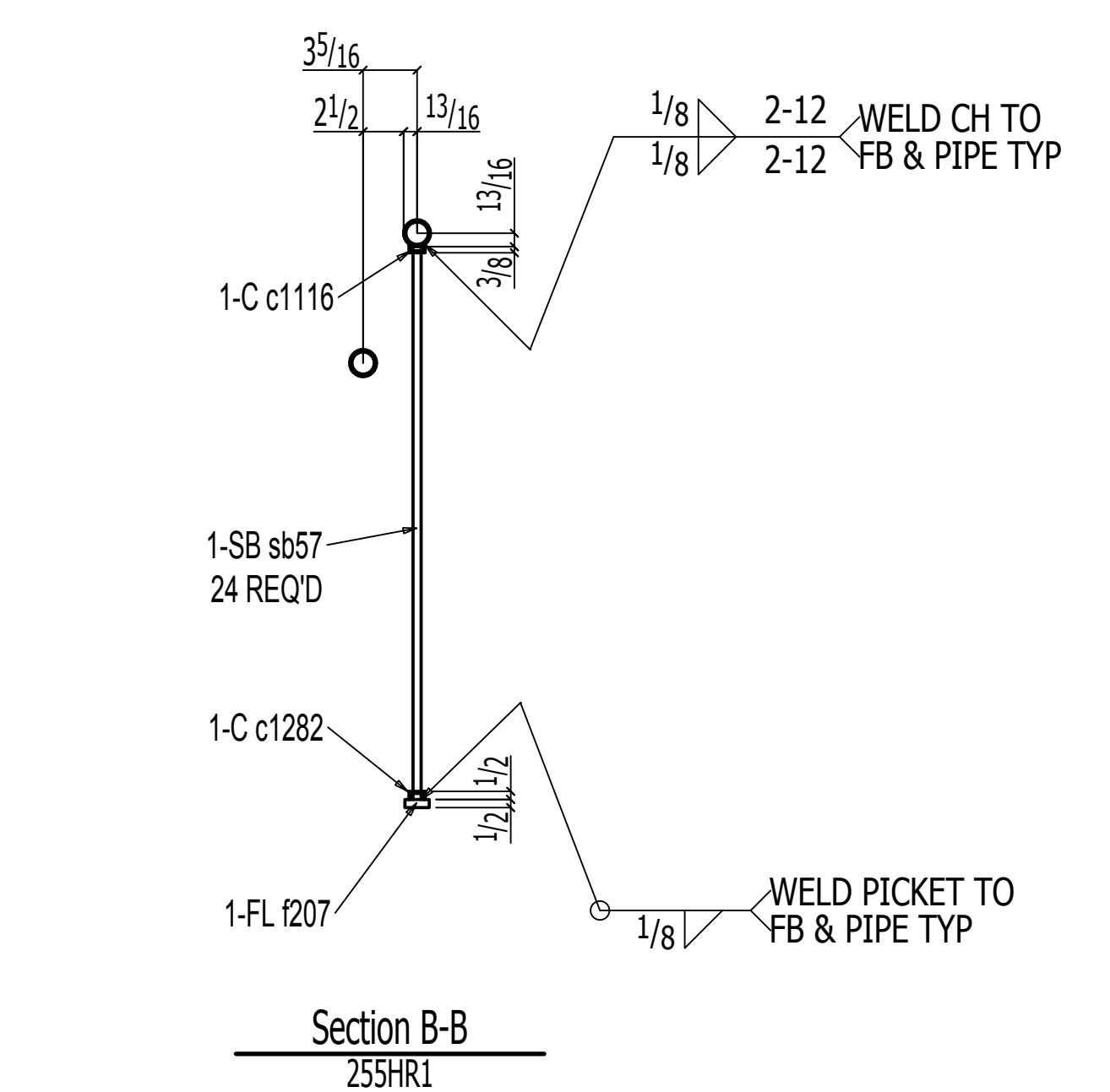
ONE HANDRAIL 254HR1
(E REFER: E208)
1SC PRIMER

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

<p>AESS FINISH:</p> <p><input type="checkbox"/> Spec Section Ref Required:</p> <p>Additional Information:</p>
<p>NOMMA Joint Finishes: www.nomma.org</p> <p>Spec Section Ref Required:</p> <p> <input type="checkbox"/> Finish #0 – No Visible Weld <input type="checkbox"/> Finish #1 – Sanded and blended completely <input type="checkbox"/> Finish #2 – Partially dressed weld with spatter removed <input type="checkbox"/> Finish #3 – Good quality, uniform undressed weld with minimal spatter </p>
<p> CERTIFIED FABRICATOR AND ERECTOR</p> <p>CAPCO STEEL ERECTION TEL: (401) 383-9388 - FAX: (401) 343-9051 E-MAIL: info@capcoerectors.com 255 ACORN STREET PROVIDENCE, RI 02903</p>
<p>PROJECT: WHITTIER CHOICE-PHASE 3</p> <p>ITEM: STAIR#2</p> <p>CUSTOMER: DIMEO CONSTRUCTION CO.</p> <p>SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY</p> <p>MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX</p> <p>MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 ANGLES, BARS AND PLATES: ASTM A36 TUBE STEEL: ASTM A500, GRADE B F40-45 PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX E70XX-LH FOR ASTM A572-50</p> <p>DRAWN BY PKM DATE 08-16-2022 CHECKED BY ALN DATE 08-16-2022 JOB NO. 22-0012-5002 DWG NO. 254</p>



5 HANDRAILS 255HR1
 (E REFER: E208)
 1SC PRIMER



REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
5		25SHR1	HANDRAIL			937
5	1	25SHR1	PIPE 1 1/4 STD	22 0	A53	250
5	1	241HR1A	PIPE 1 1/4 XS	14 0	A53	210
5	1	hss376	PIPE 1 STD	0 4	A53	3
30	6	c1282	C1x4x2x1/8	3 1/8	A36	78
15	3	f233	FL 1/2x1 1/2	3 1/4	A36	118
120	32	sb57	SB 1/2	2 9/16	A36	278
20			WANGER 5/8 Dia BAR BENT #R140			
Total weight :						937

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

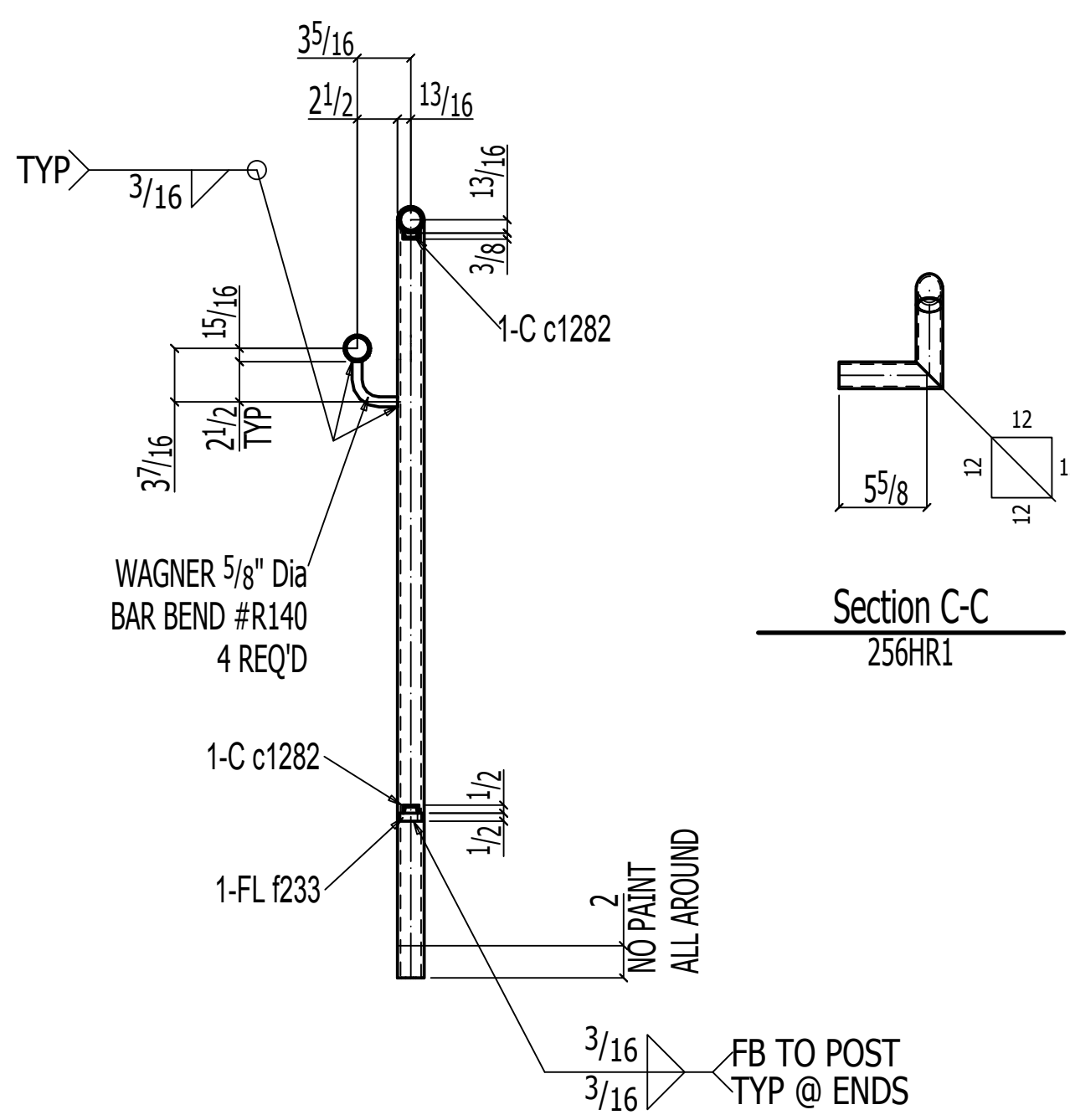
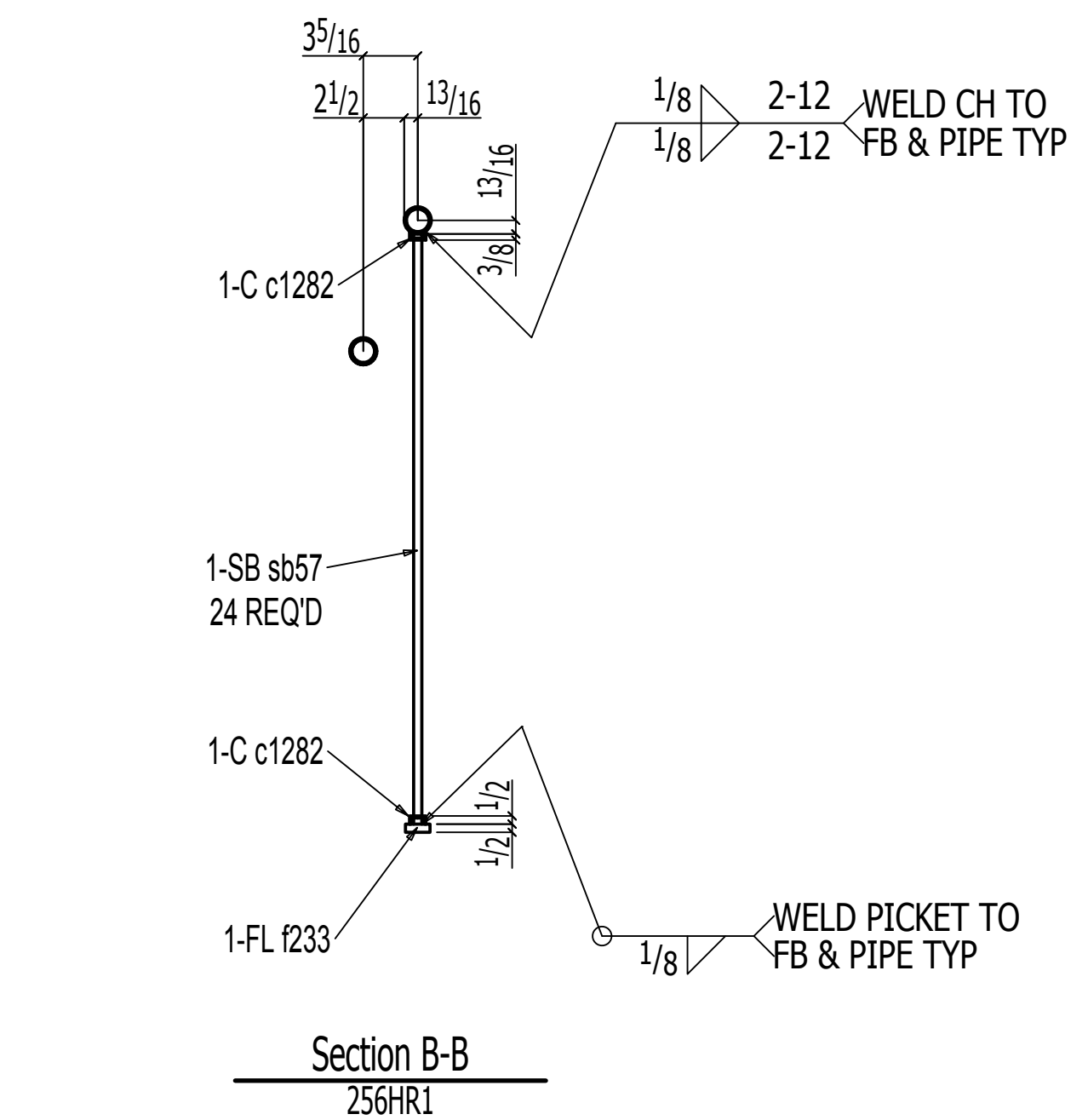
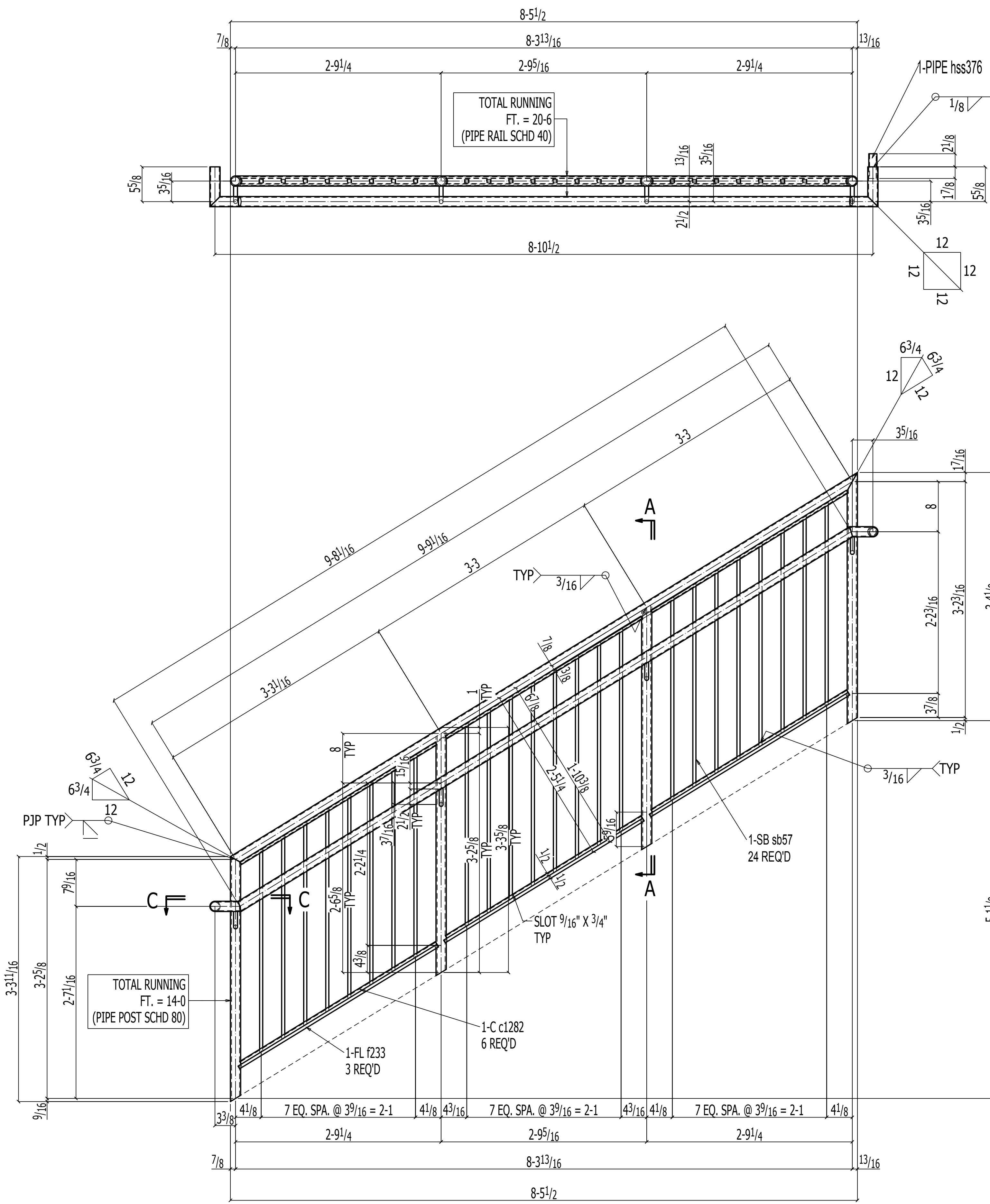
NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

APSCO CERTIFIED FABRICATOR AND ERECTOR
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcosterectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F146XS
PIPE:	SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM
CHECKED BY:	ALN
DATE:	08-16-2022
JOB NO.:	22-0012-5002
REV #:	A
DWG NO.:	255


BILL OF MATERIAL						
QTY	QTY	PC		LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK	DESCRIPTION			TOTAL
5		256HR1	HANDRAIL			920
5	1	256HR1	PIPE 1 1/4 STD	20.6	A53	233
5	1	242HR1A	PIPE 1 1/4 XS	14.0	A53	210
5	1	hss376	PIPE 1 STD	0.4	A53	3
30	6	c1282	C1x4 1/2x1/8	3.1 1/8	A36	78
15	3	f233	FL 1/2x1 1/2	3.1 3/4	A36	118
120	24	sb57	SB 1/2	2.9	(PICKETS) A36	278
20			WANGER 5/8 Dia BAR BENT #R140			
Total weight :						920



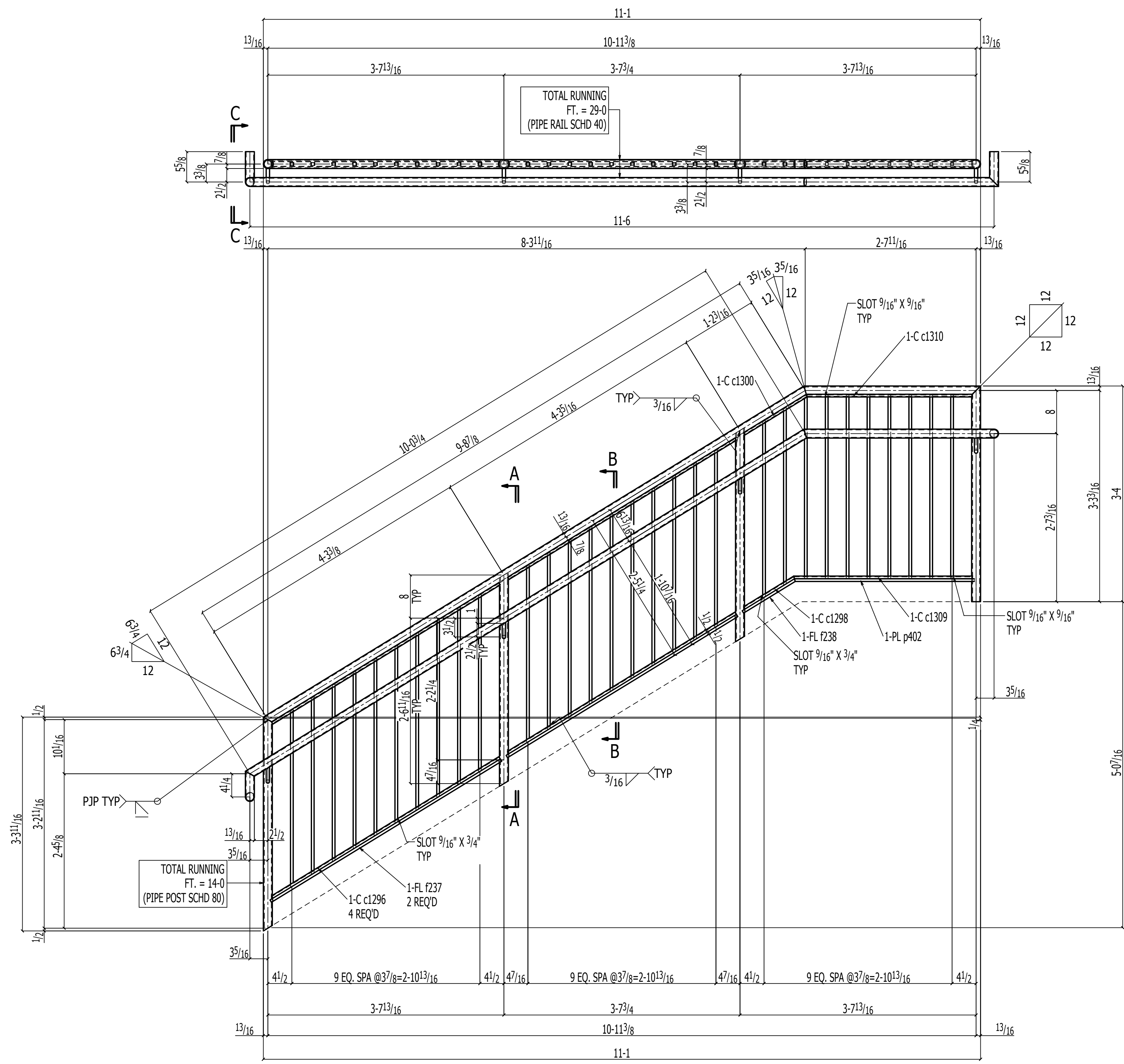
5 HANDRAILS 256HR1
 (E REFER: E208)
 ISC PRIMER

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

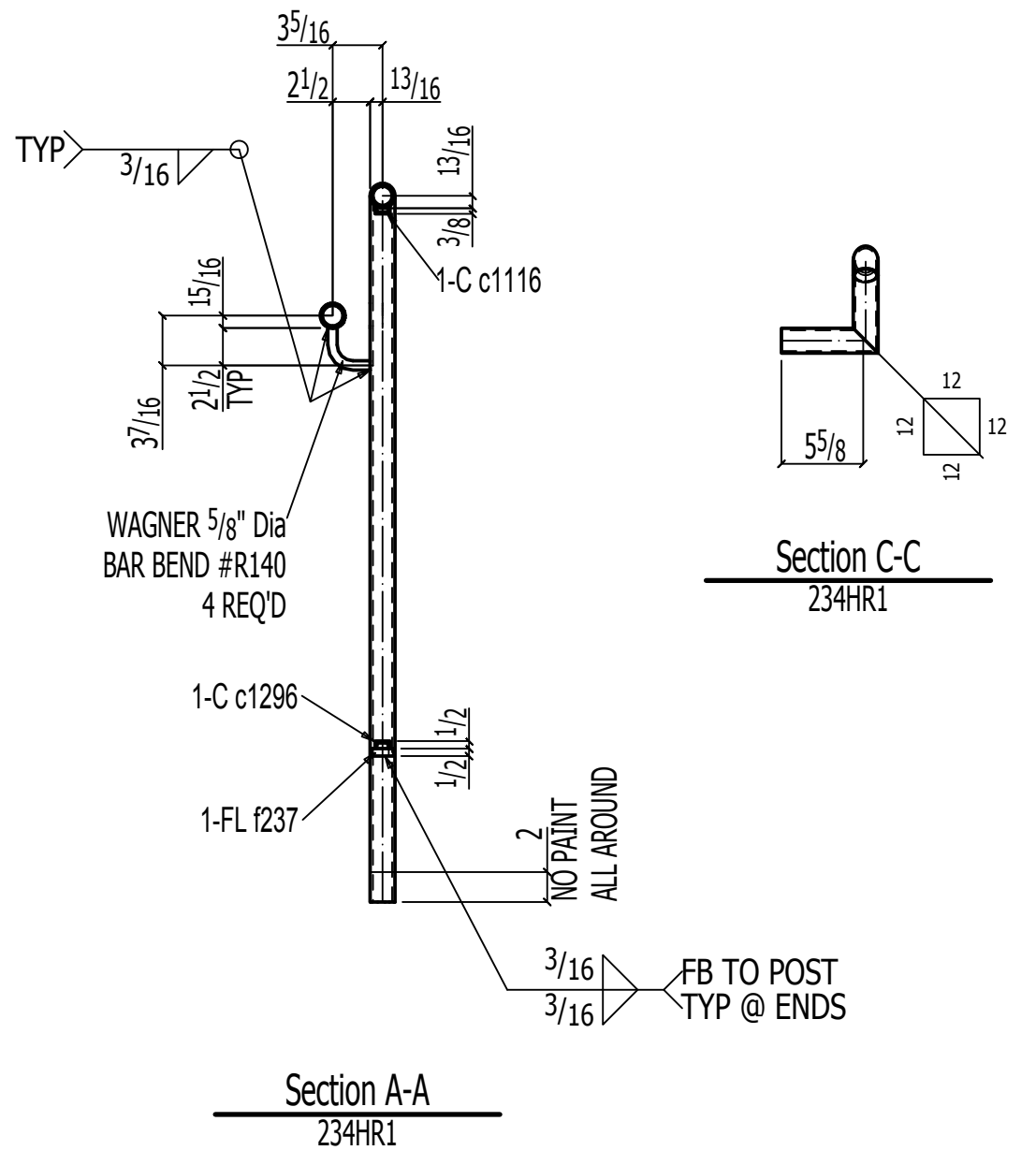
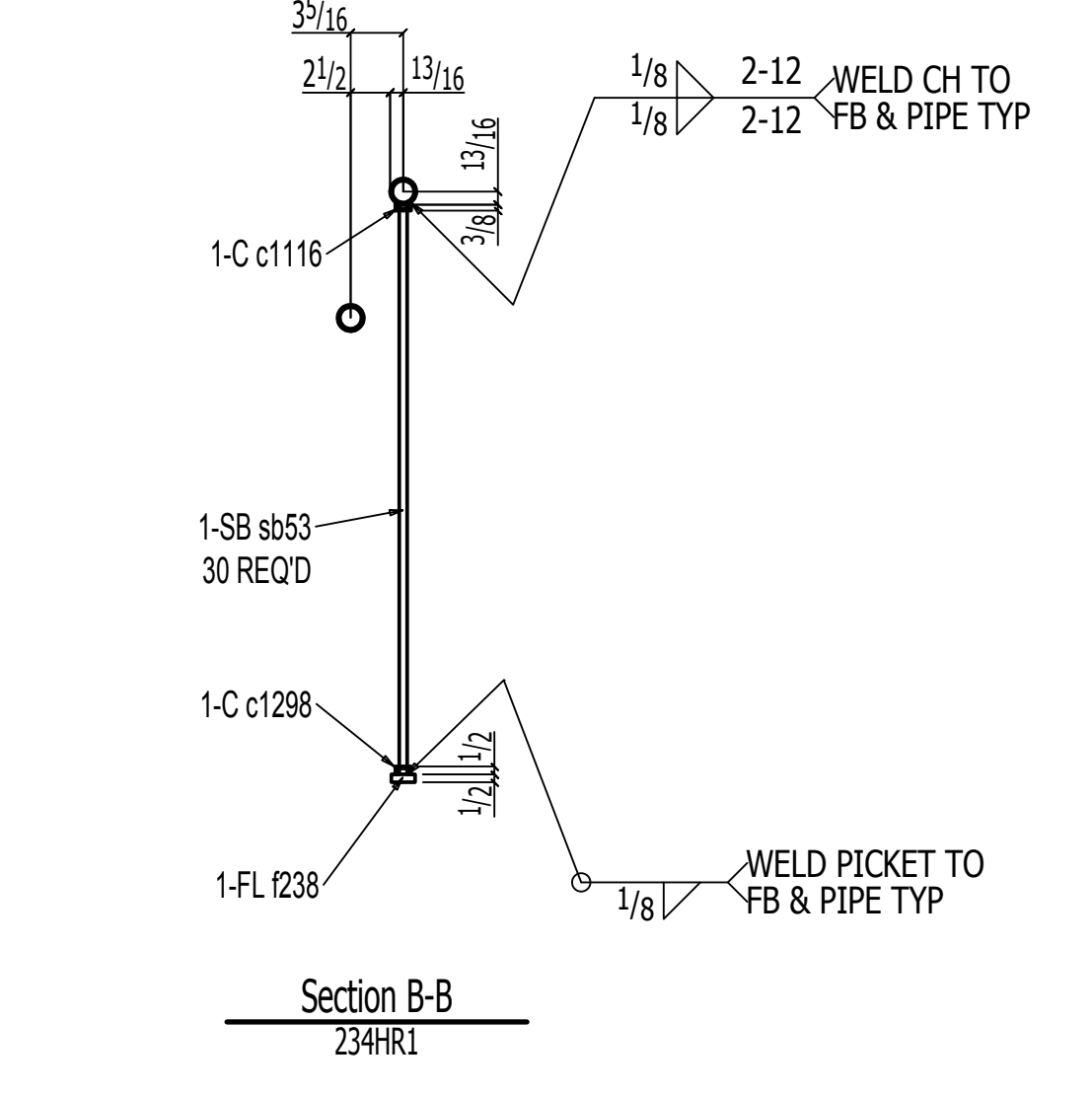
- AESS FINISH:**
- Spec Section Ref Required:
 - Additional Information:
- NOMMA Joint Finishes: www.nomma.org
- Spec Section Ref Required:
- Finish #0 - No Visible Weld
 - Finish #1 - Sanded and blended completely
 - Finish #2 - Partially dressed weld with spatter removed
 - Finish #3 - Good quality, uniform undressed weld with minimal spatter

 **CAPCO STEEL ERECTION**
 255 ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F45-XS
PIPE SCHEDULE:	40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY	PKM DATE 08-16-2022
CHECKED BY	ALN DATE 08-16-2022
JOB NO.	22-0012-5002
DWG NO.	256
REV#	A



ONE HANDRAIL 257HR1
(E REFER: E209)
1SC PRIMER



BILL OF MATERIAL						
QTY	QTY	PC				
TOTAL	UNIT	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
ONE	1	257HR1	HANDRAIL			222
1	1	257HR1	PIPE 1 1/4 STD	26 0	A53	59
1	1	243HR1A	PIPE 1 1/4 XS	14 0	A53	42
4	4	c1296	C1x4/2x1/8	4 17/16	A36	14
1	1	c1309	C1x4/2x1/8	2 9/16	A36	2
1	1	c1310	C1x4/2x1/8	2 6/8	A36	2
1	1	c1300	C1x4/2x1/8	1 15/8	A36	1
1	1	c1298	C1x4/2x1/8	0 10/8	A36	1
1	1	f238	FL 1/2x1 1/2	0 12/8	A36	2
2	2	f237	FL 1/2x1 1/2	4 23/16	A36	21
1	1	p402	PL 1/2x1 1/2	2 9/8	A36	7
8	8	sb53	SB 1/2	2 10 1/16	(PICKETS) A36	19
22	22	sb57	SB 1/2	2 9 1/16	(PICKETS) A36	51
4			WANGER 5/8 Dia BAR BENT #R140			
Total weight :						222

AESS FINISH:
 Spec Section Ref Required:
Additional Information:

NOMMA Joint Finishes: www.nomma.org
Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

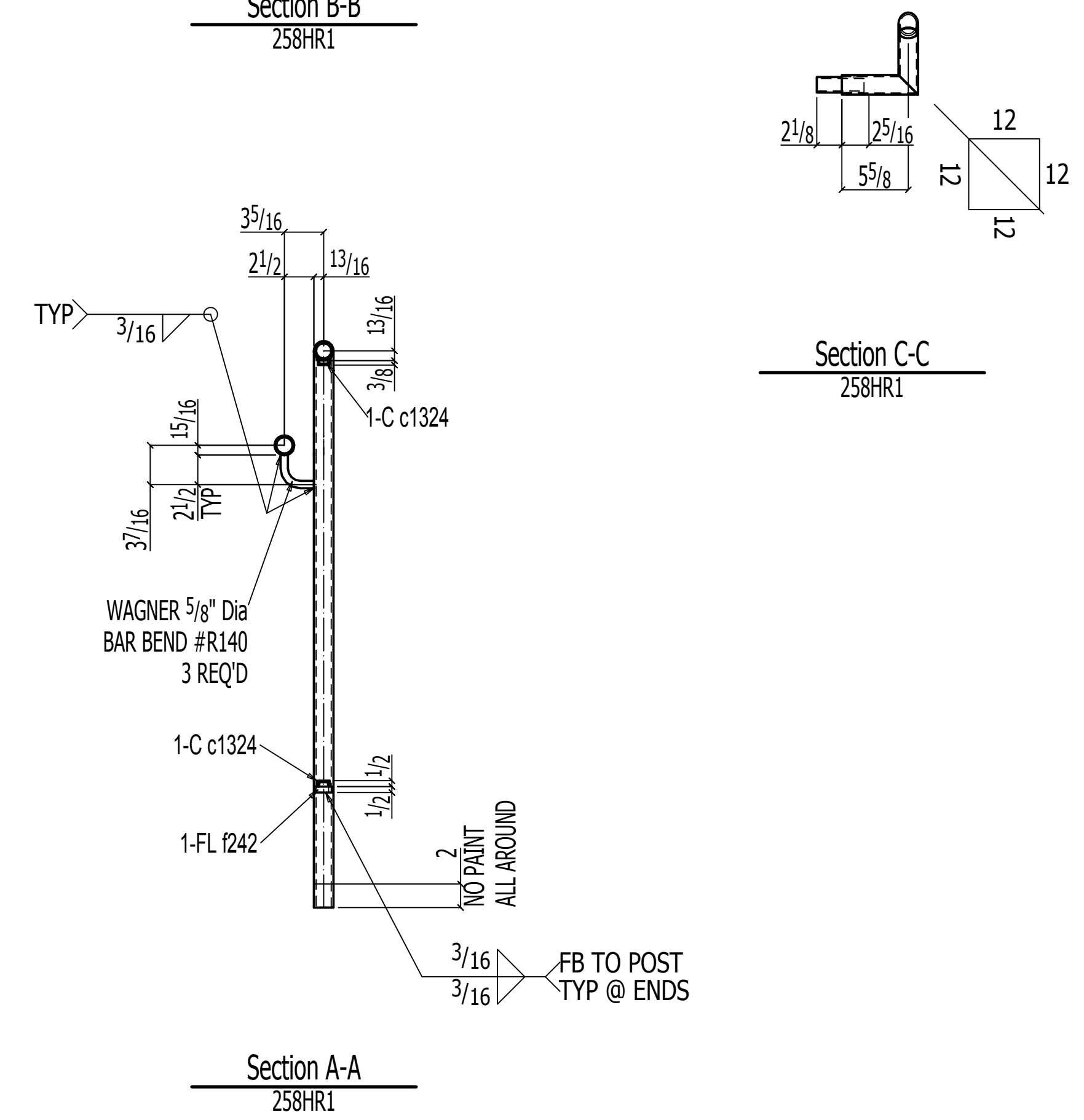
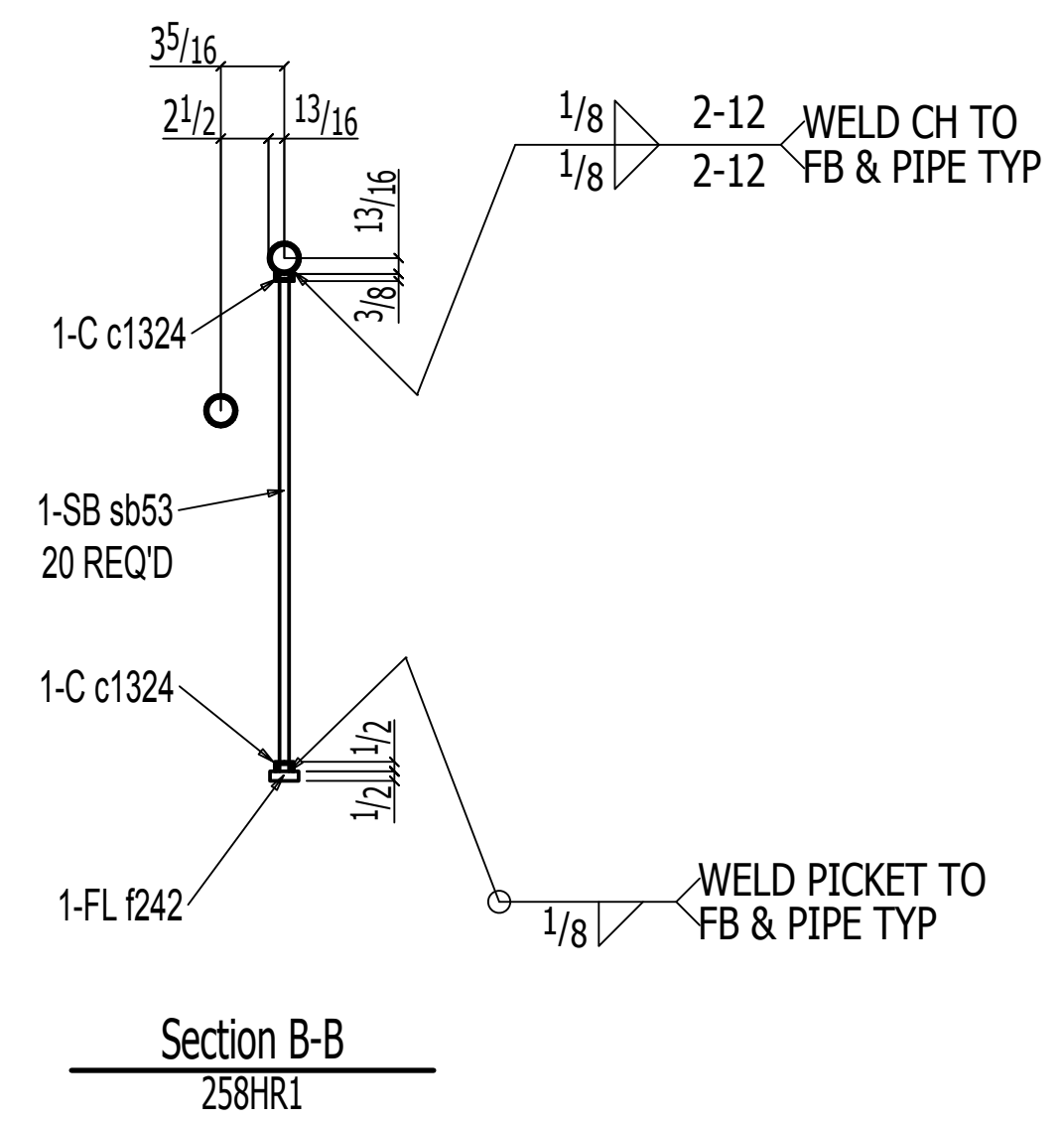
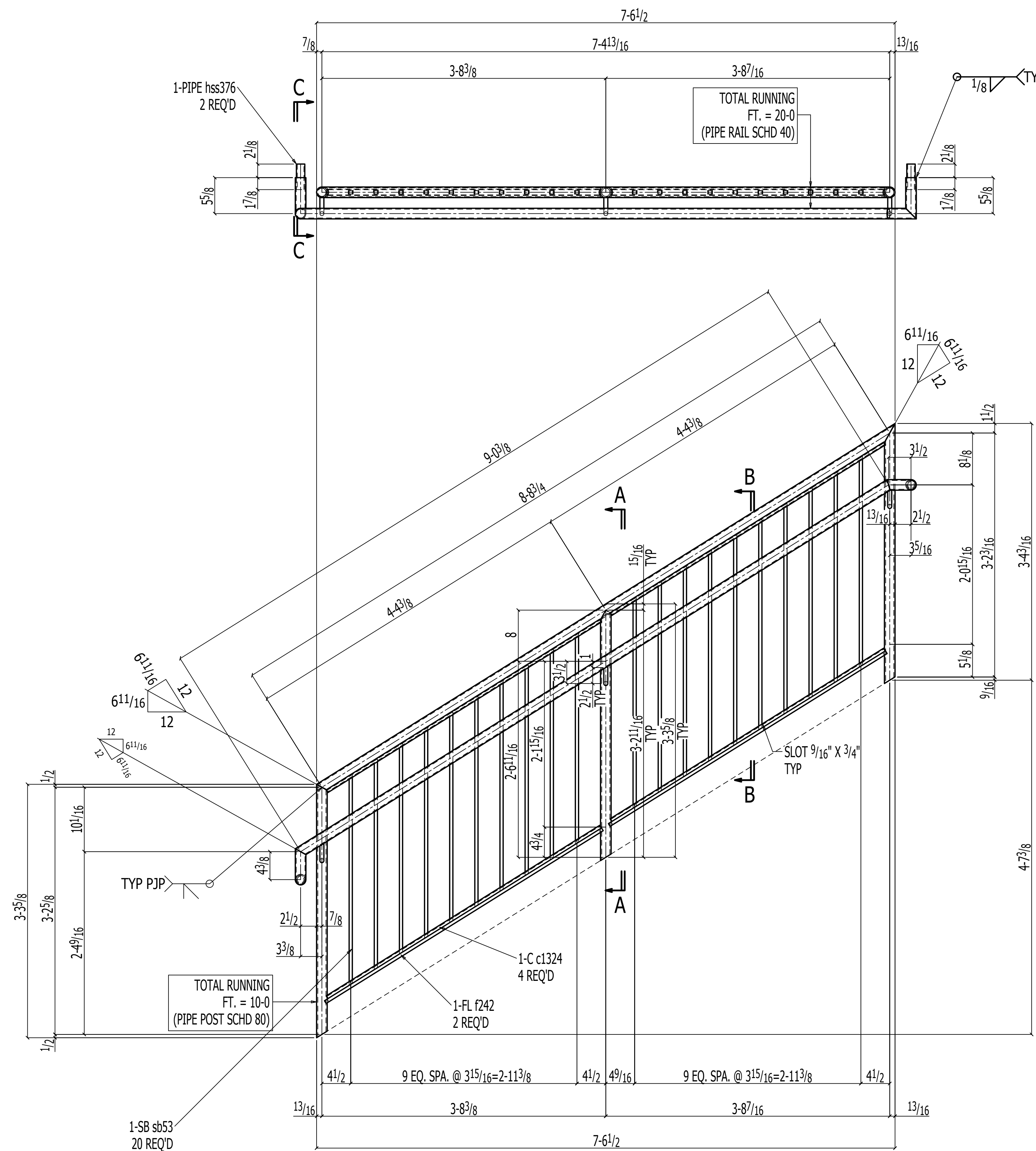
CAPCO STEEL ERECTION
TEL: (401) 383-9388 - FAX: (401) 343-9051
E-MAIL: info@capcoerectors.com
25C ACORN STREET
PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	DRAWN BY: PKM DATE: 08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY: ALN DATE: 08-16-2022
ANGLES, BARS AND PLATES: ASTM A-36	JOB NO: 22-0012-5002 REV #: A
TUBE STEEL: ASTM A500, GRADE B F=48 KSI	DWG NO: 257
PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B	
WELDING U.N.: E70XX	
E70XX-LH FOR ASTM A572-50	

A	10-10-2022	ALN	FOR APPROVAL
	REV.#	DATE	BY
			REVISION

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE		258HR1	HANDRAIL			158
1	1	258HR1	PIPE 1 1/4 STD	20 0	(PIPE RAIL) A53	45
1	1	244HR1A	PIPE 1 1/4 XS	10 0	(PIPE POST) A53	30
2	2	hss376	PIPE 1 STD	0 4	A53	1
4	4	c1324	C1x4 1/2x1/8	4 27/16	A36	14
2	2	f242	FL 1/2x1 1/2	4 3 1/16	A36	21
20	20	sb53	SB 1/2	2 9	(PICKETS) A36	46
3			WANGER 5/8 Dia BAR BEND #R140			
					A36	
Total weight :						158



ONE HANDRAIL 258HR1

(E REFER: E209)

ISC PRIMER

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

ASCC CERTIFIED FABRICATOR AND ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992	DRAWN BY	PKM	DATE	08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	CHECKED BY	ALN	DATE	08-16-2022
TUBE STEEL: ASTM A500, GRADE B F460KSI	JOB NO.	22-0012-5002	REV #	
PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B	WELDING U.N.	E70XX	DWG NO.	258
		E70XX-LH FOR ASTM A572-50		

BILL OF MATERIAL


QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE	259HR1		HANDRAIL			207
1	1 259HR1		PIPE 1 1/4 STD	25 0	(PIPE RAIL) A53	57
1	1 245HR1A		PIPE 1 1/4 XS	13 0	(PIPE POST) A53	39
1	1 hss376		PIPE 1 STD	0 4	A53	1
6	6 c1337		C1x1/2x1/8	3 915/16	A36	19
3	3 f246		FL 1/2x1 1/2	3 109/16	A36	29
27	27 sb53		SB 1/2	2 9	(PICKETS) A36	63
4			WANGER 5/8 Dia BAR BENT #R140			
Total weight :						207

Total weight : 207

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

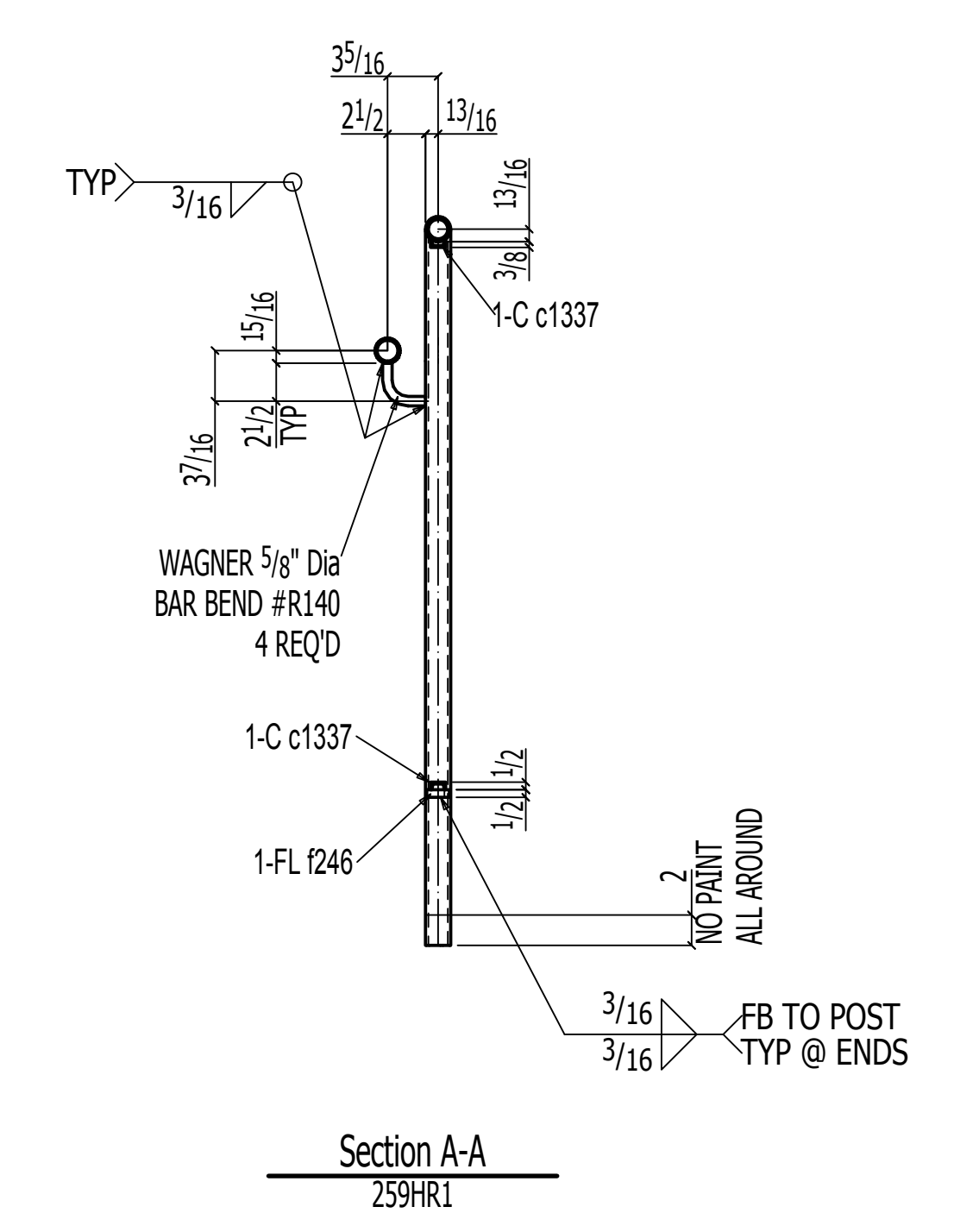
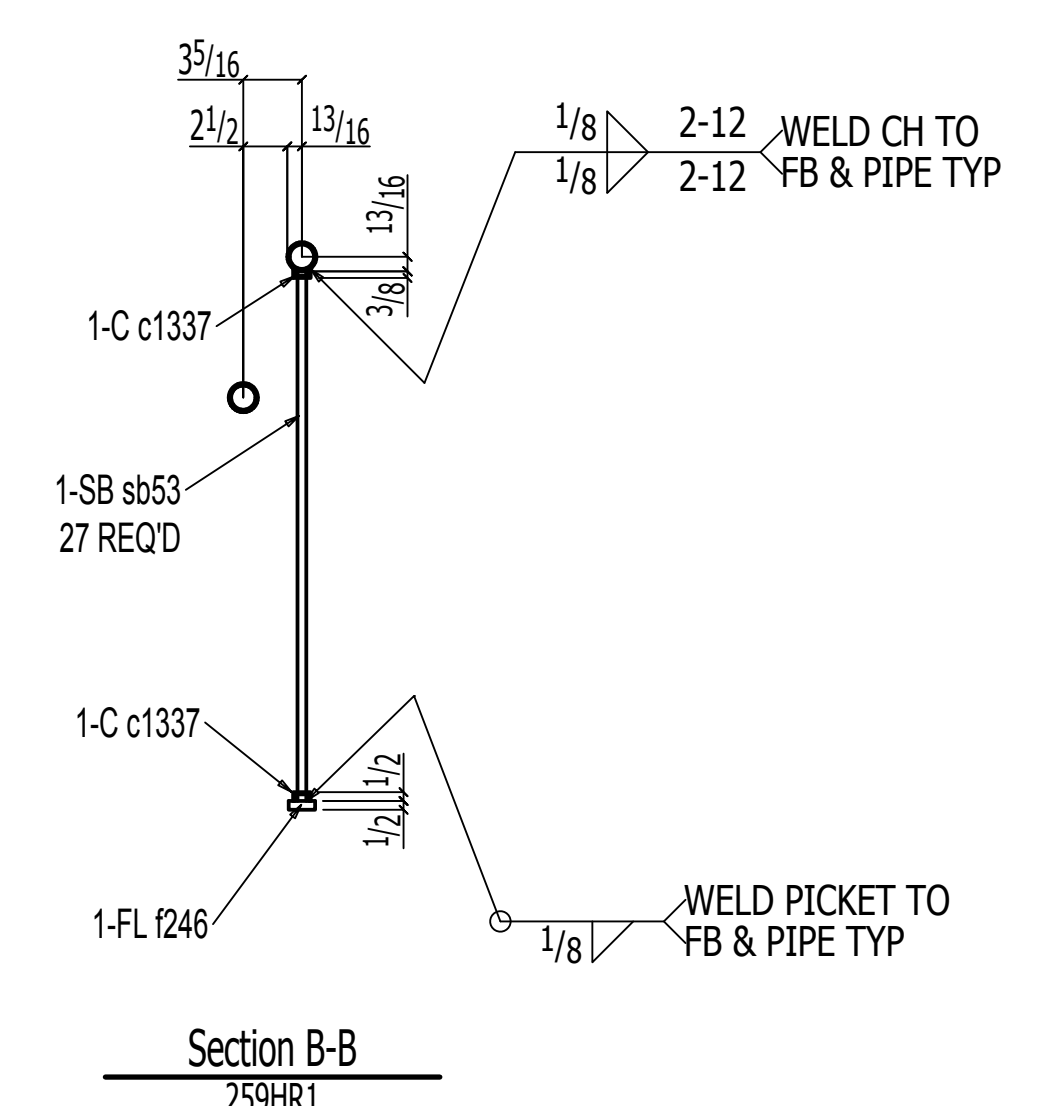
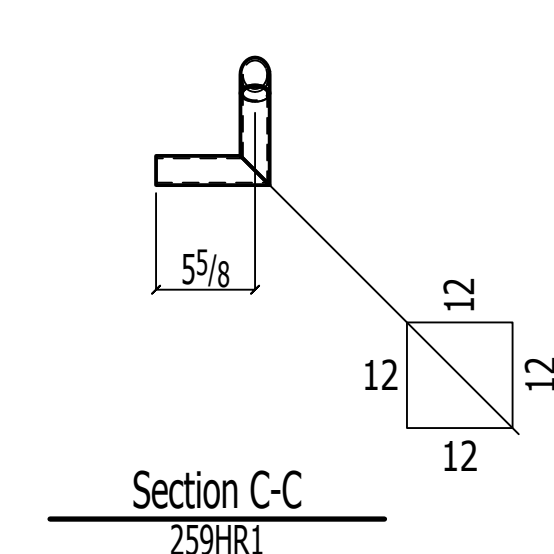
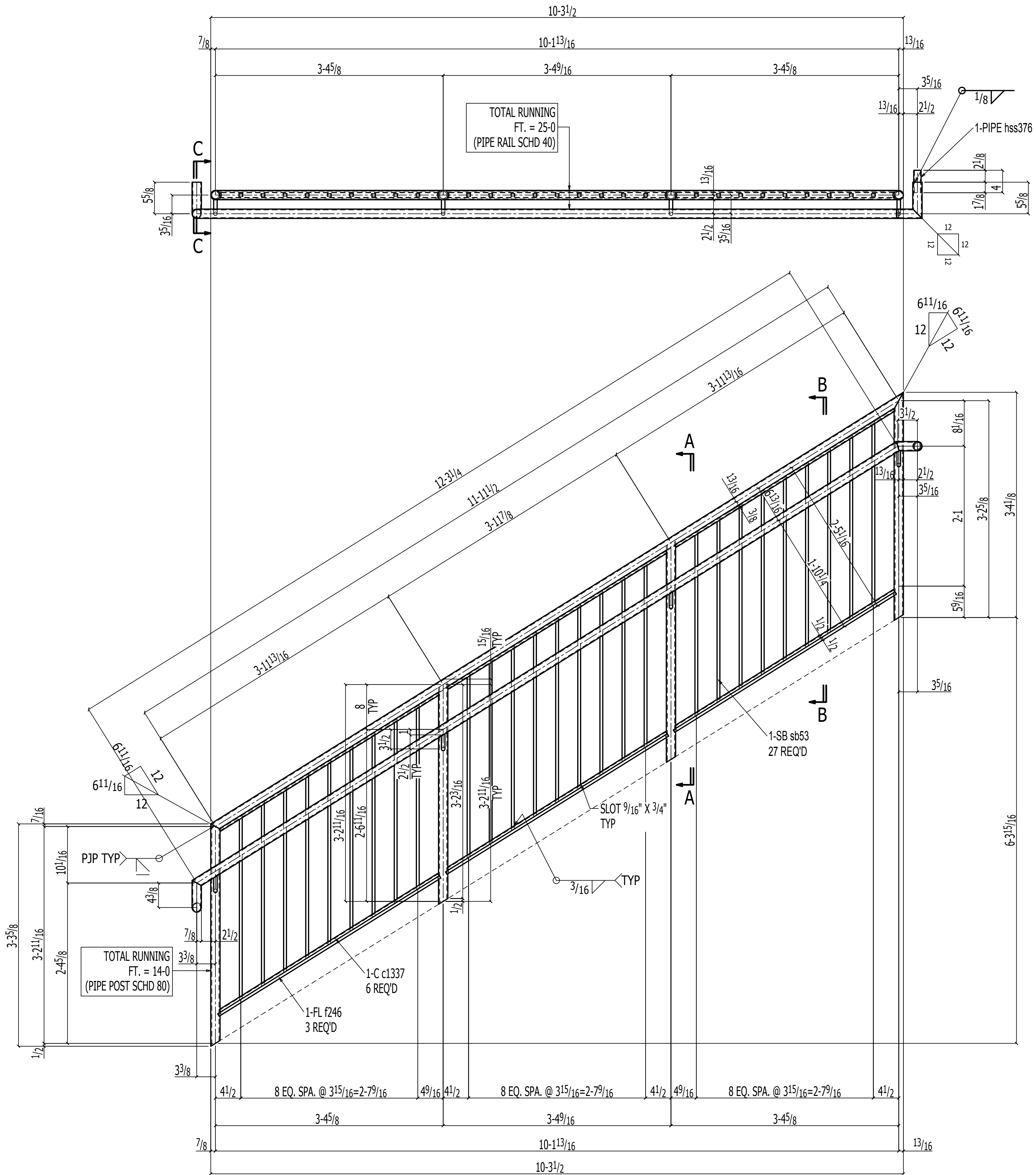


AISS
CERTIFIED FABRICATOR AND ERECTOR

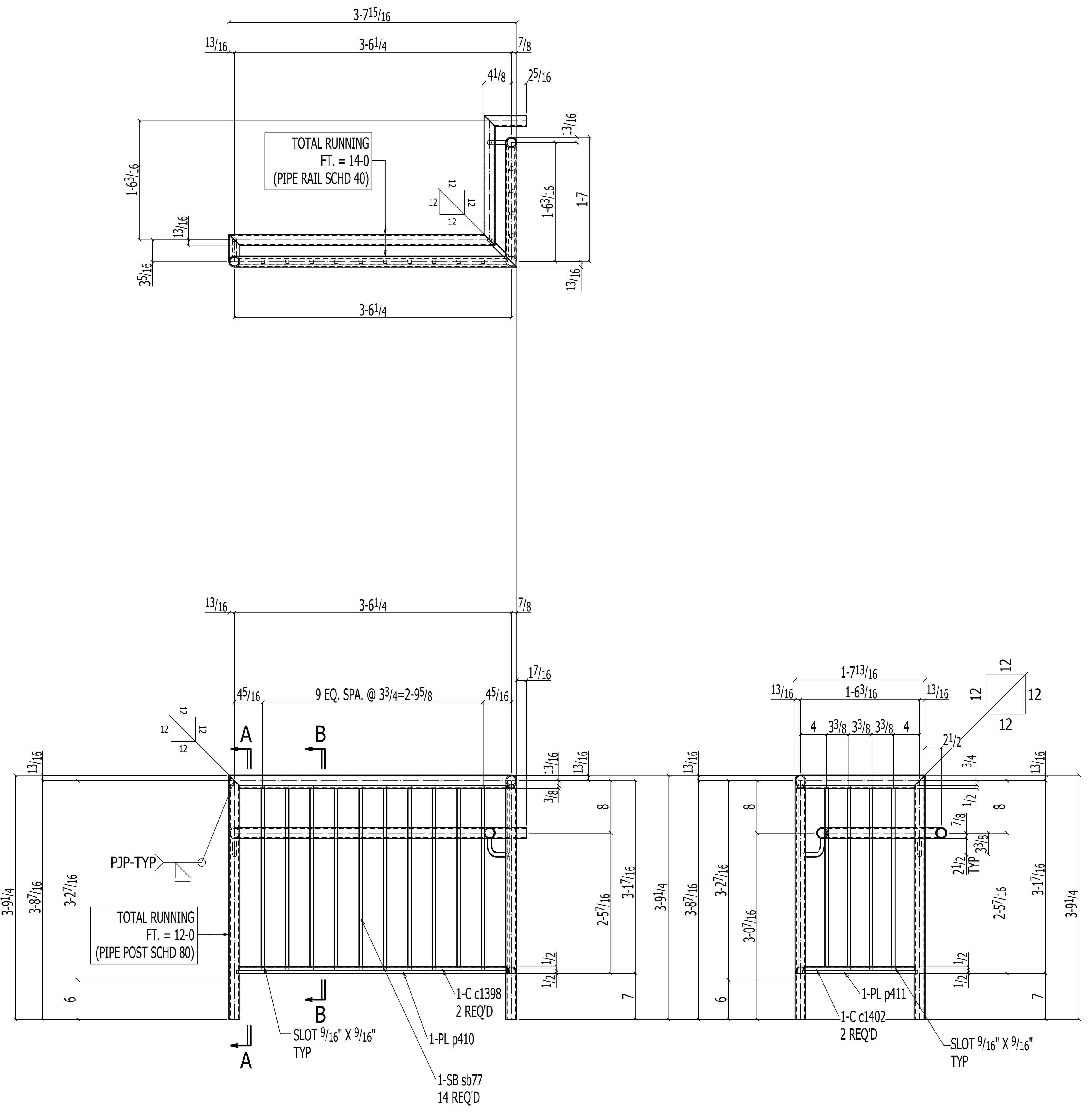
CAPCO STEEL ERECTION
TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N.	DRAWN BY	PKM	DATE	08-16-2022
BEAMS, GIRDERS AND COLUMNS: ASTM A992	CHECKED BY	ALN	DATE	08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	JOB NO.	22-0012-5002	REV #	
TUBE STEEL: ASTM A500, GRADE B F146XS	WELDING U.N.	E70XX	DWG NO.	259
PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B		E70XX-LH FOR ASTM A572-50		

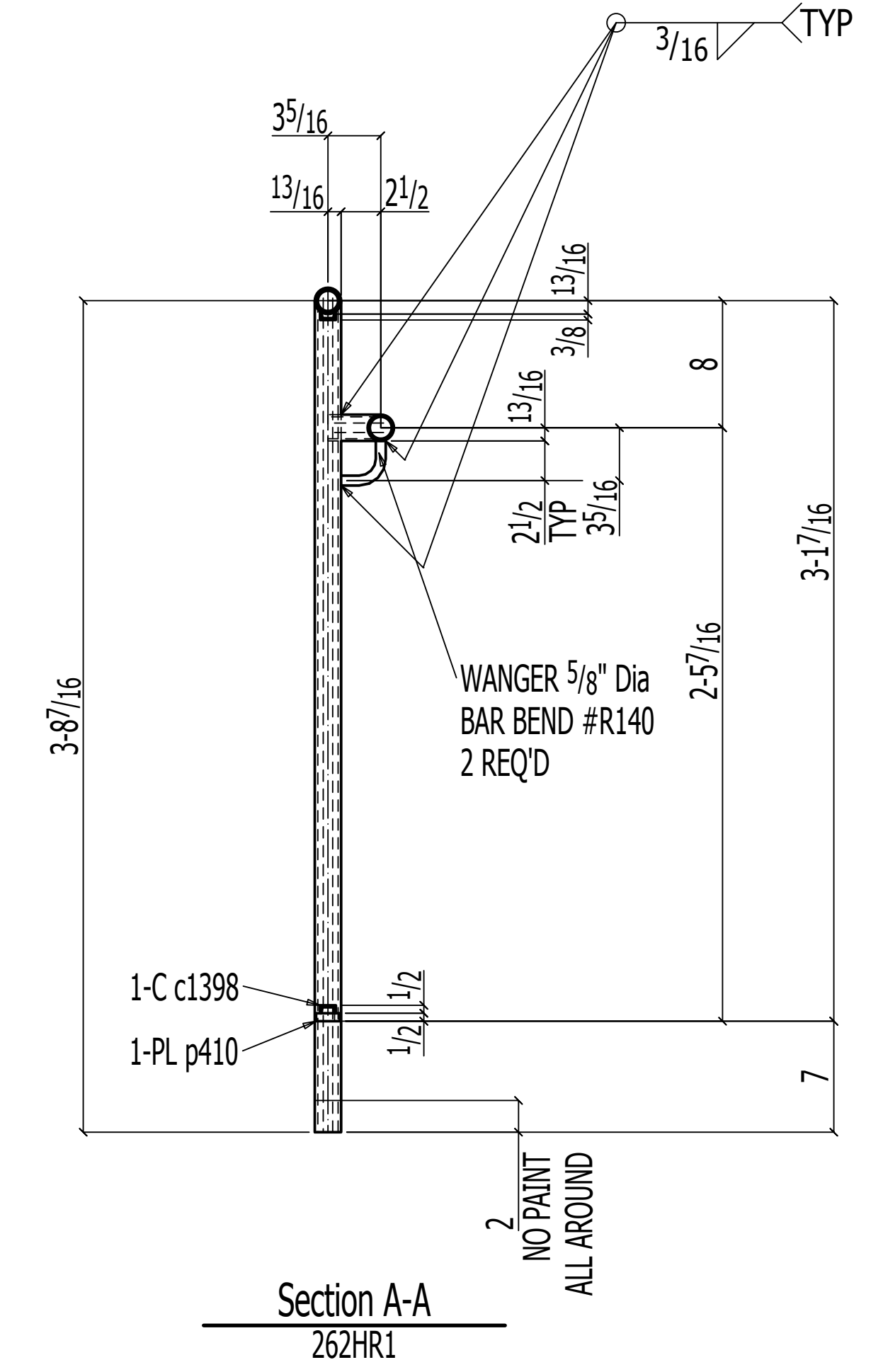
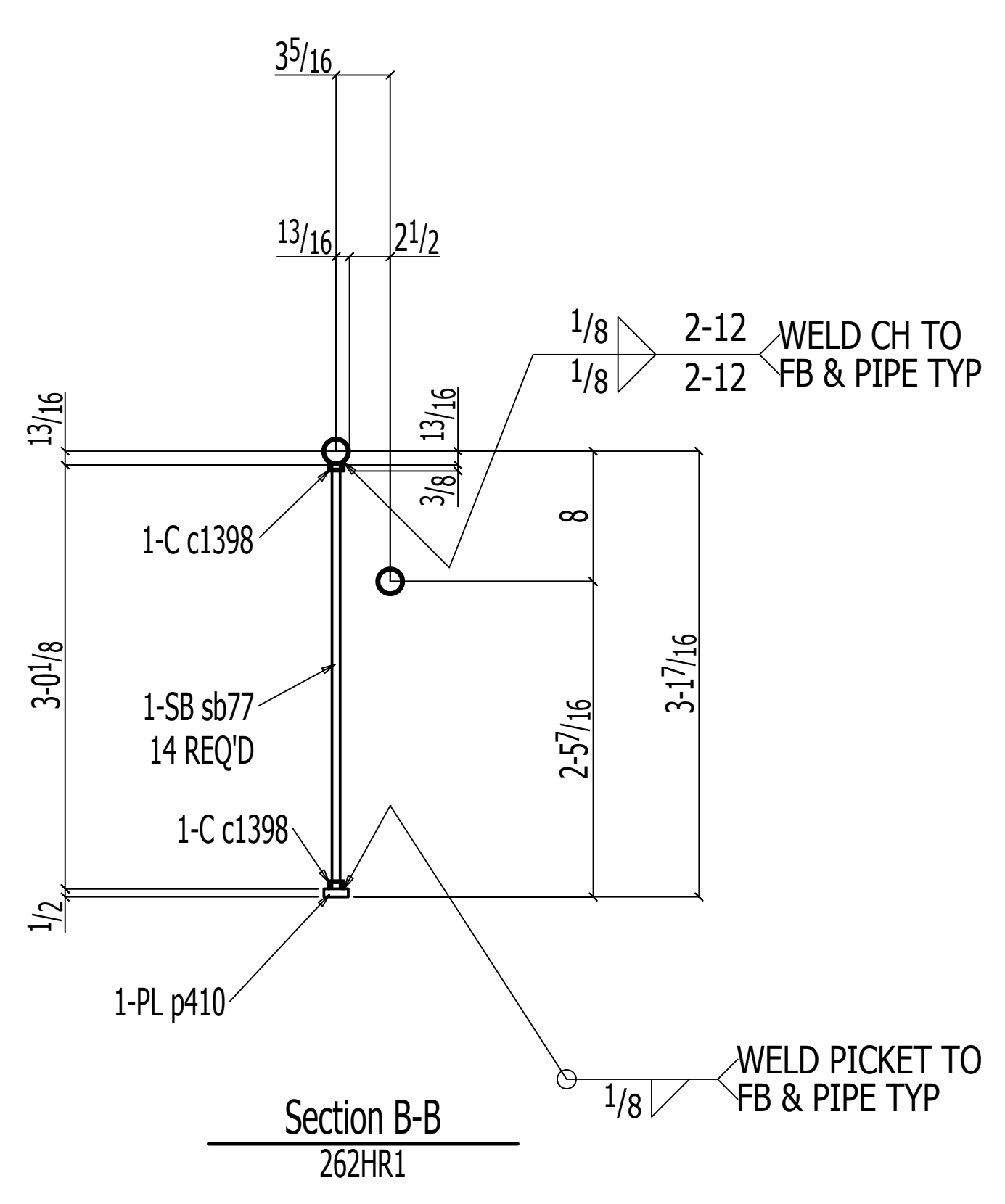


REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



ONE HANDRAIL 262HR1
(E REFER: E209)

ISC PRIMER



BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
ONE		262HR1	HANDRAIL			124
1	1	262HR1	PIPE 1 1/4 STD	14 0	(PIPE RAIL) A53	32
1	1	248HR1A	PIPE 1 1/4 XS	12 0	(PIPE POST) A53	36
2	2	c1398	C1x4 1/2x1/8	3 4 15/16	A36	6
2	2	c1402	C1x4 1/2x1/8	1 4 7/8	A36	2
1	1	p410	PL 1/2x1 1/2	3 5 9/16	A36	9
1	1	p411	PL 1/2x1 1/2	1 5 1/2	A36	4
14	14	sb77	SB 1/2	3 0 1/16	(PICKETS) A36	36
3			WANGER 5/8 Dia BAR BENT #R140			
Total weight :						124

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL

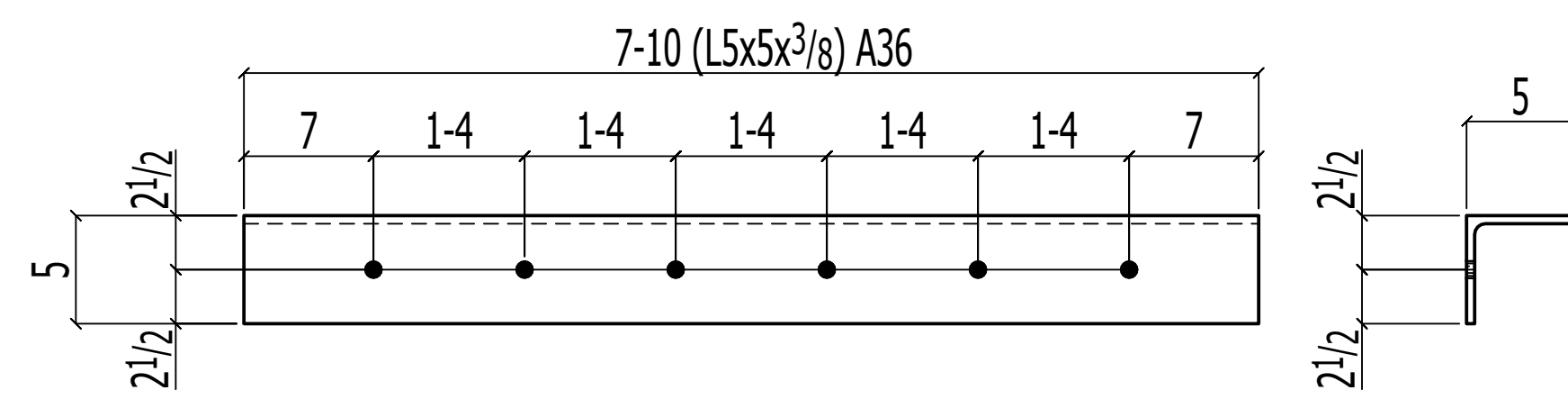
AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:
 Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter

APSCO CERTIFIED FABRICATOR AND ERECTOR
CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcocreators.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3	
ITEM: STAIR#2	
CUSTOMER: DIMEO CONSTRUCTION CO.	
SURF. PREP: SSPC-SP3	FINISH: FAST DRY 4190 GRAY
MATERIAL: AS NOTED	HOLES: 13/16" U.N.O
WELDING U.N. E70XX	WELD: E70XX
DRAWN BY PKM DATE 08-16-2022	
CHECKED BY ALN DATE 08-16-2022	
JOB NO. 22-0012-5002	
DWG NO. 262	

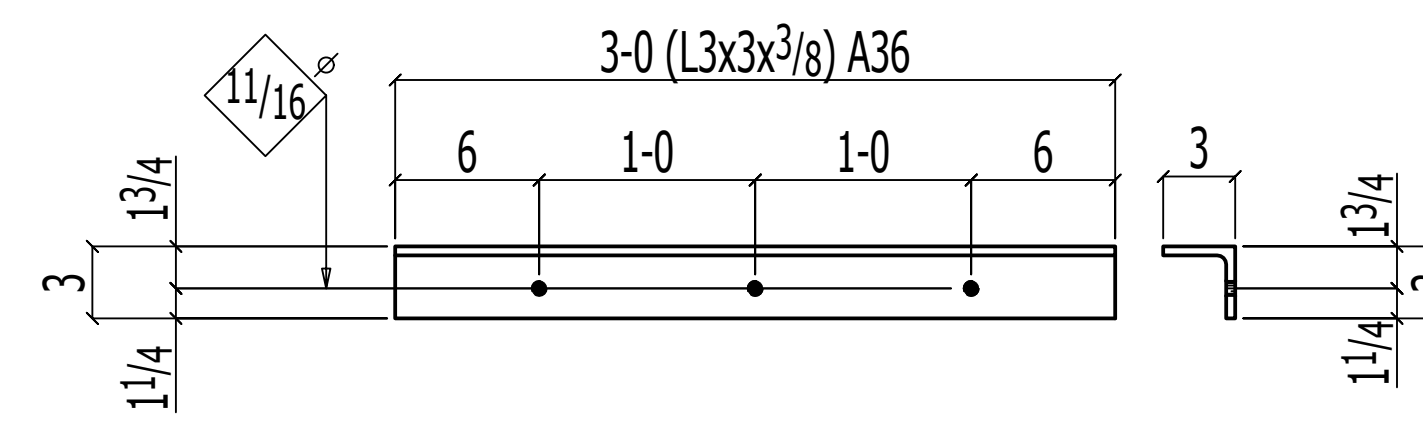
BEAMS, GIRDERS AND COLUMNS: ASTM A992
 ANGLES, BARS AND PLATES: ASTM A36
 TUBE STEEL: ASTM A500, GRADE B F40-48 KS
 PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
 WELDING U.N. E70XX
 E70XX-LH FOR ASTM A572-50



10 ANGLES 264M1

(E REFER: E210)

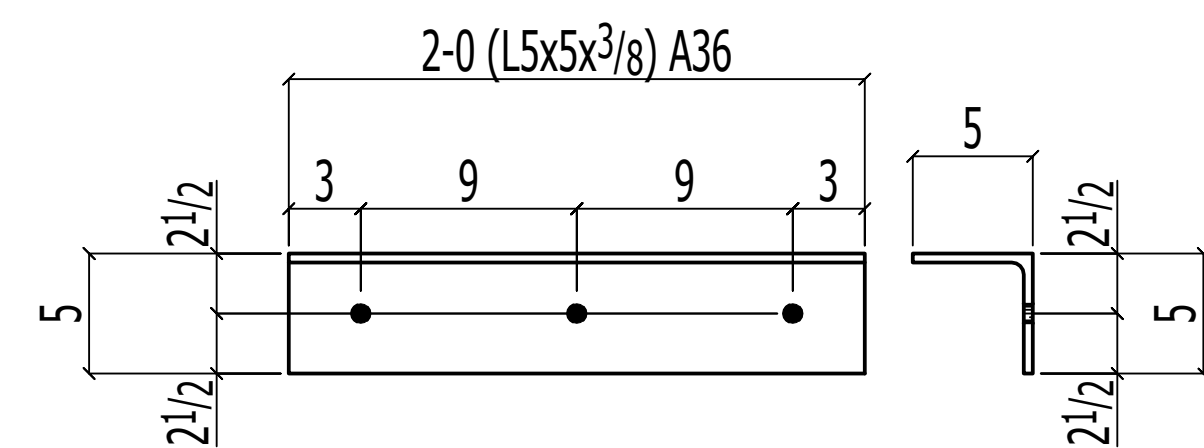
ISC PRIMER



4 ANGLES 264M2

(E REFER: E211)

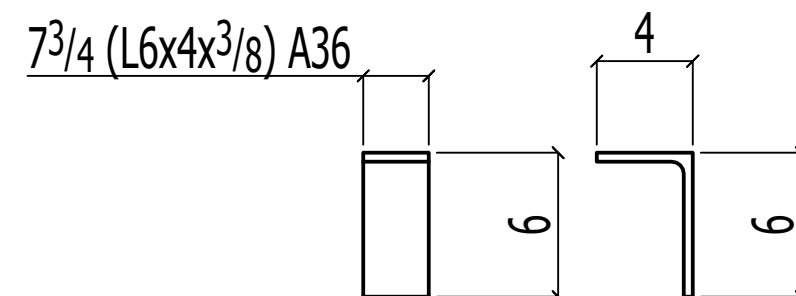
ISC PRIMER



2 ANGLES 264M3

(E REFER: E211)

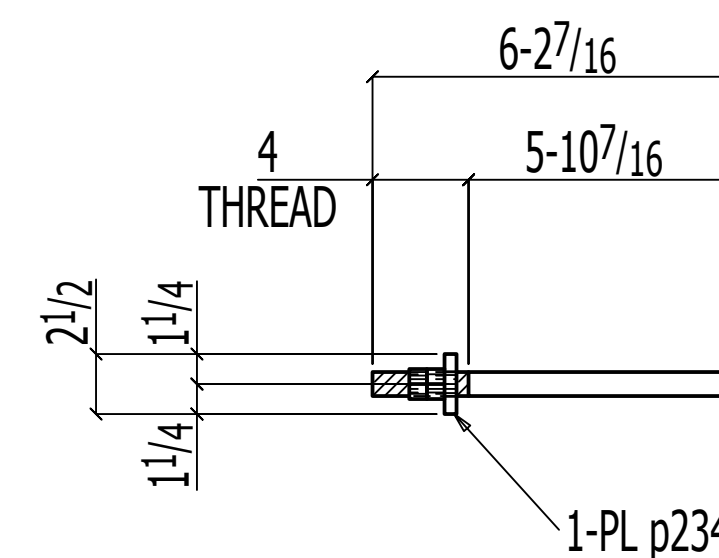
ISC PRIMER



2 ANGLES 264M4

(E REFER: E212)

NO PAINT



2 MISCs 264M5

(E REFER: E212)

ISC PRIMER

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
10		264M1	ANGLE			964
10	1	a63	L5x5x3/8	7 10	A36	964
			FIELD BOLTS			
60	6	bit16	5/8 Dia HILTI ANCHOR	0 5	(EMBED=4 1/4)	
4		264M2	ANGLE			86
4	1	a34	L3x3x3/8	3 0	A36	86
			FIELD BOLTS			
12	3		1/2 Dia HAS ROD	0 5	(EMBED=4 1/4)	
2		264M3	ANGLE			49
2	1	a53	L5x5x3/8	2 0	A36	49
			FIELD BOLTS			
6	3	bit16	5/8 Dia HILTI ANCHOR	0 5	(EMBED=4 1/4)	
2		264M4	ANGLE			16
2	1	a54	L6x4x3/8	0 7 3/4	A36	16
2		264M5	MISC			35
2	1	rb18	RB1	6 2 7/16	A36	33
2	1	p234	PL 1/2x2 1/2	0 2 1/2	A36	2
4	2	bit17	3/4 NUT		HINT A563	
Total weight :						1150

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerection.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

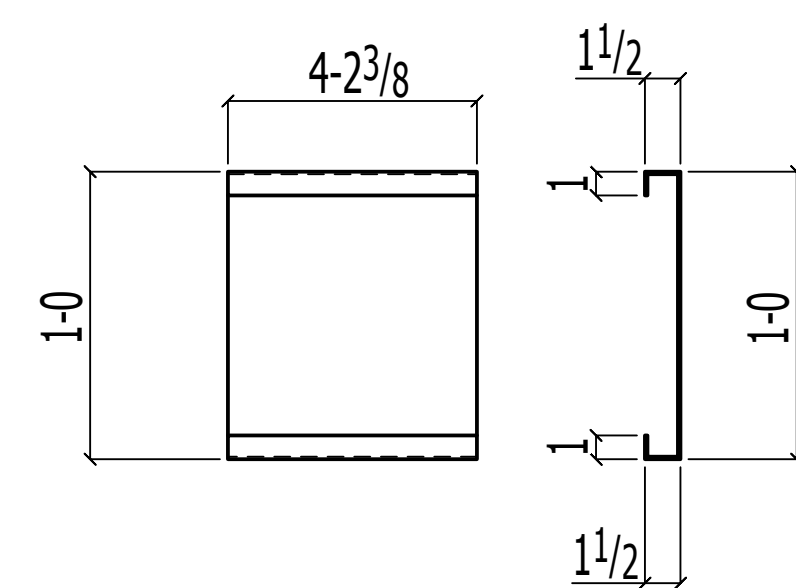
CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992	DRAWN BY	PKM	DATE	08-16-2022
ANGLES, BARS AND PLATES: ASTM A36	CHECKED BY	ALN	DATE	08-16-2022
TUBE STEEL: ASTM A500, GRADE B F=48 KSI	JOB NO.	22-0012-5002	REV #	A
PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B	WELDING U.N.	E70XX	DWG NO.	264
		E70XX-LH FOR ASTM A572-50		

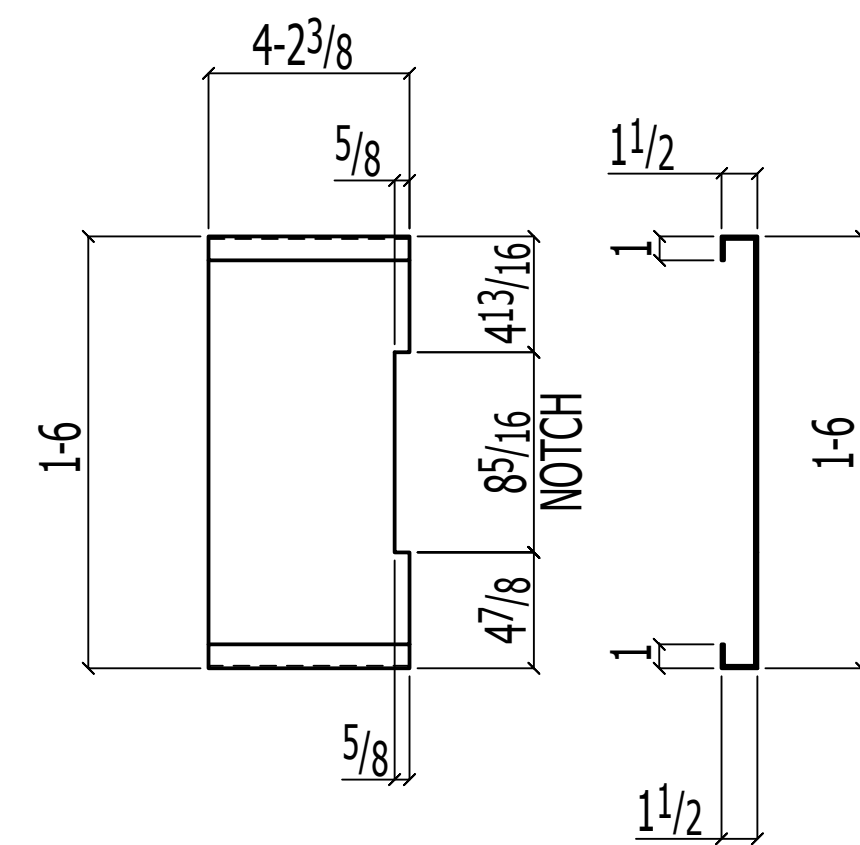
REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



6 PANS 265M1

(E REFER: E201)

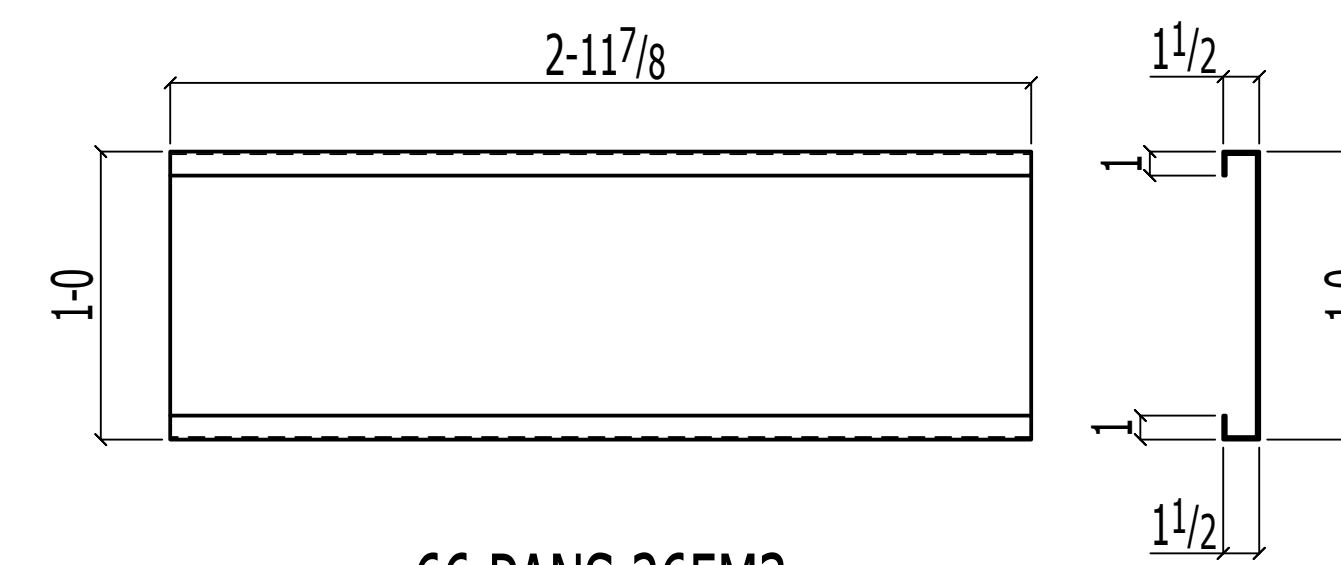
ISC PRIMER



ONE PAN 265M2

(E REFER: E201)

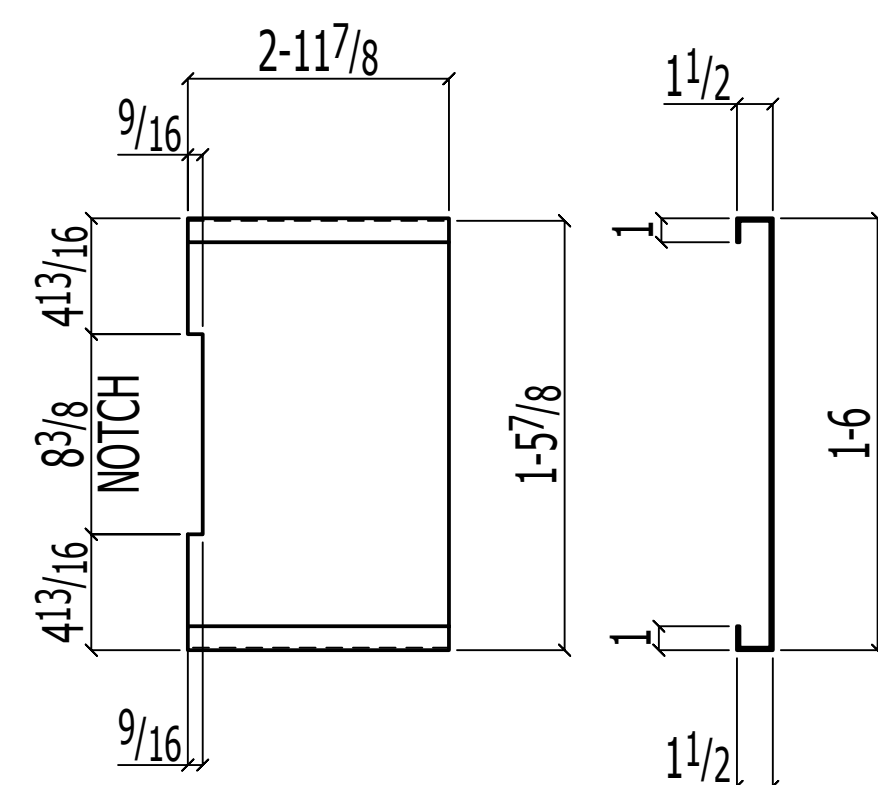
ISC PRIMER



66 PANS 265M3

(E REFER: E201)

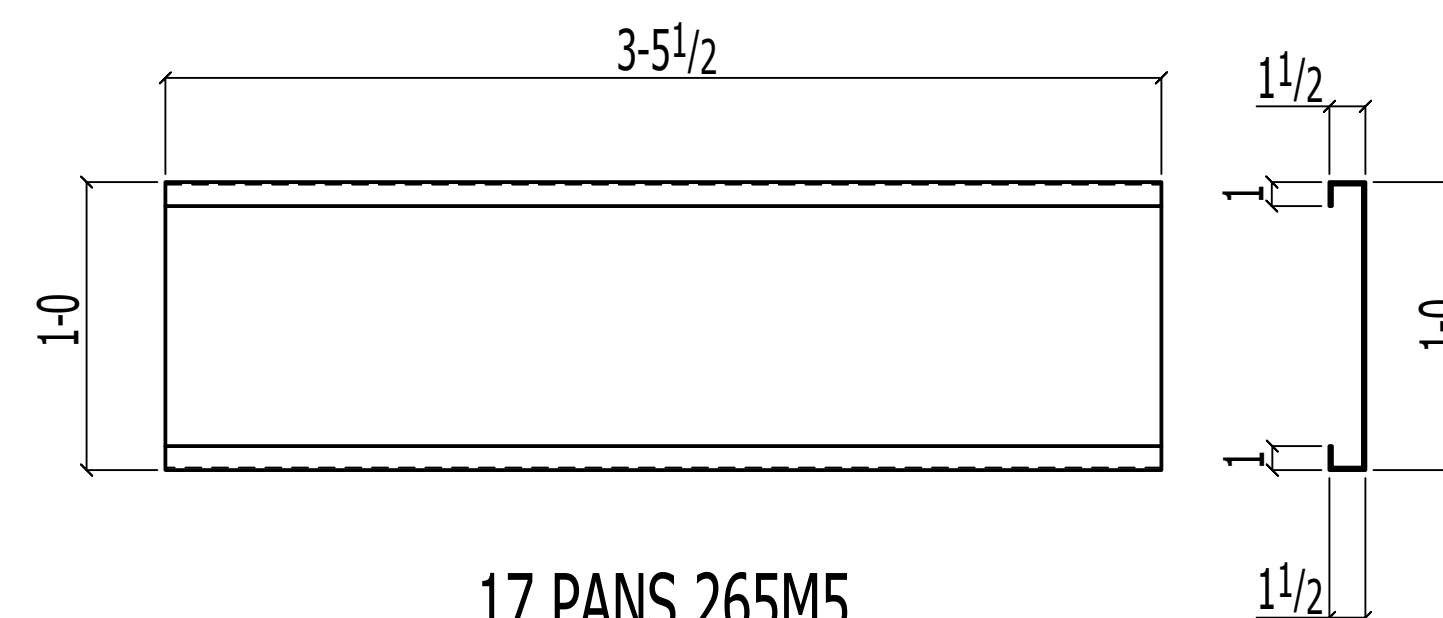
ISC PRIMER



11 PANS 265M4

(E REFER: E201)

ISC PRIMER



17 PANS 265M5

(E REFER: E202)

ISC PRIMER

BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
6		265M1	PAN			152
6	1	p259	PL12GAx17	4 23/8	BENT A36	152
ONE		265M2	PAN			34
1	1	p273	PL12GAx23	4 23/8	BENT A36	34
66		265M3	PAN			1194
66	1	p262	PL12GAx17	2 117/8	BENT A36	1194
11		265M4	PAN			269
11	1	p277	PL12GAx23	2 117/8	BENT A36	269
17		265M5	PAN			356
17	1	p278	PL12GAx17	3 51/2	BENT A36	356
Total weight :						2006

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSSP-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

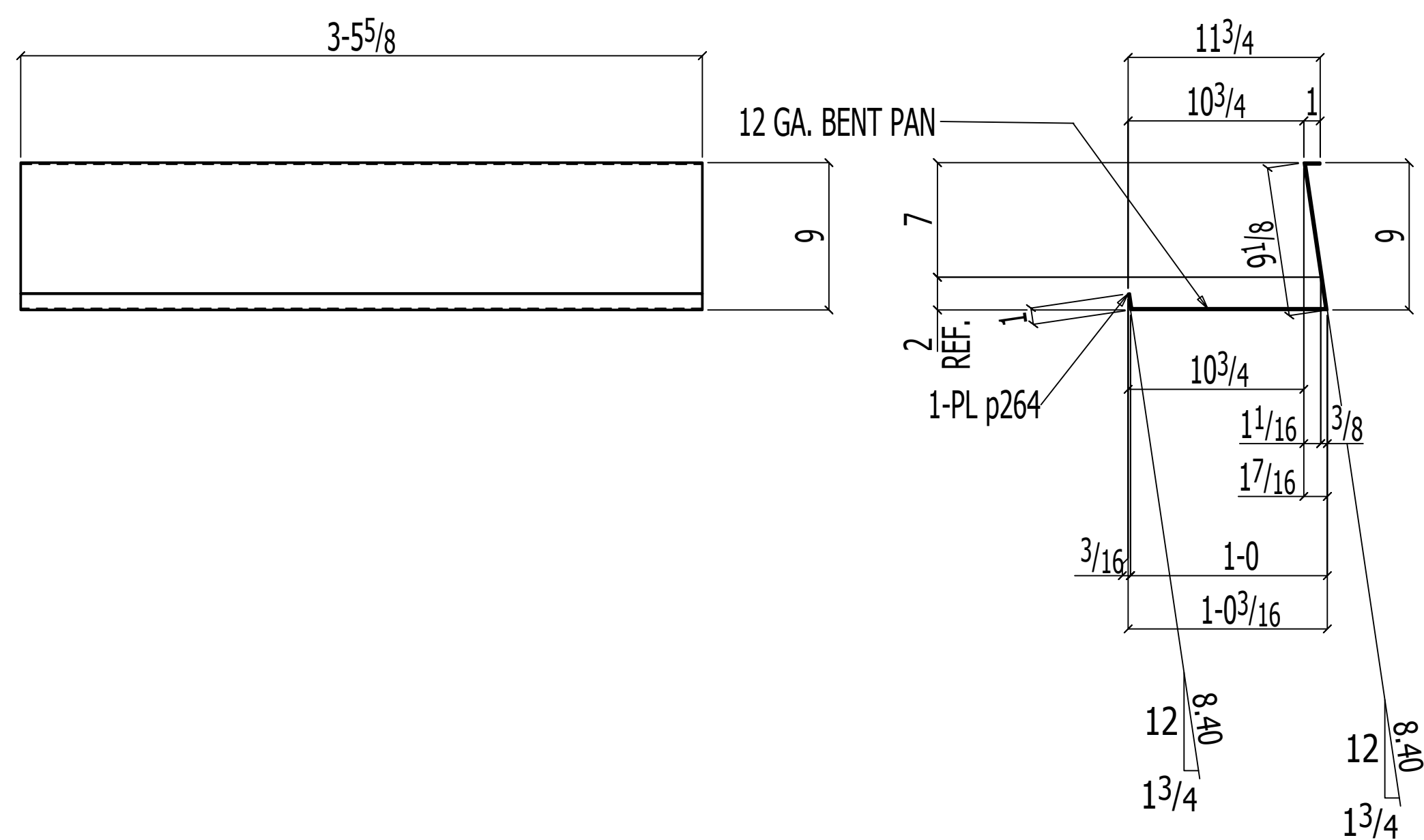
ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

TUBE STEEL: ASTM A500, GRADE B F146-KS1 JOB NO. 22-0012-5002 REV #

PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX DWG NO. 265

E70XX-LH FOR ASTM A572-50

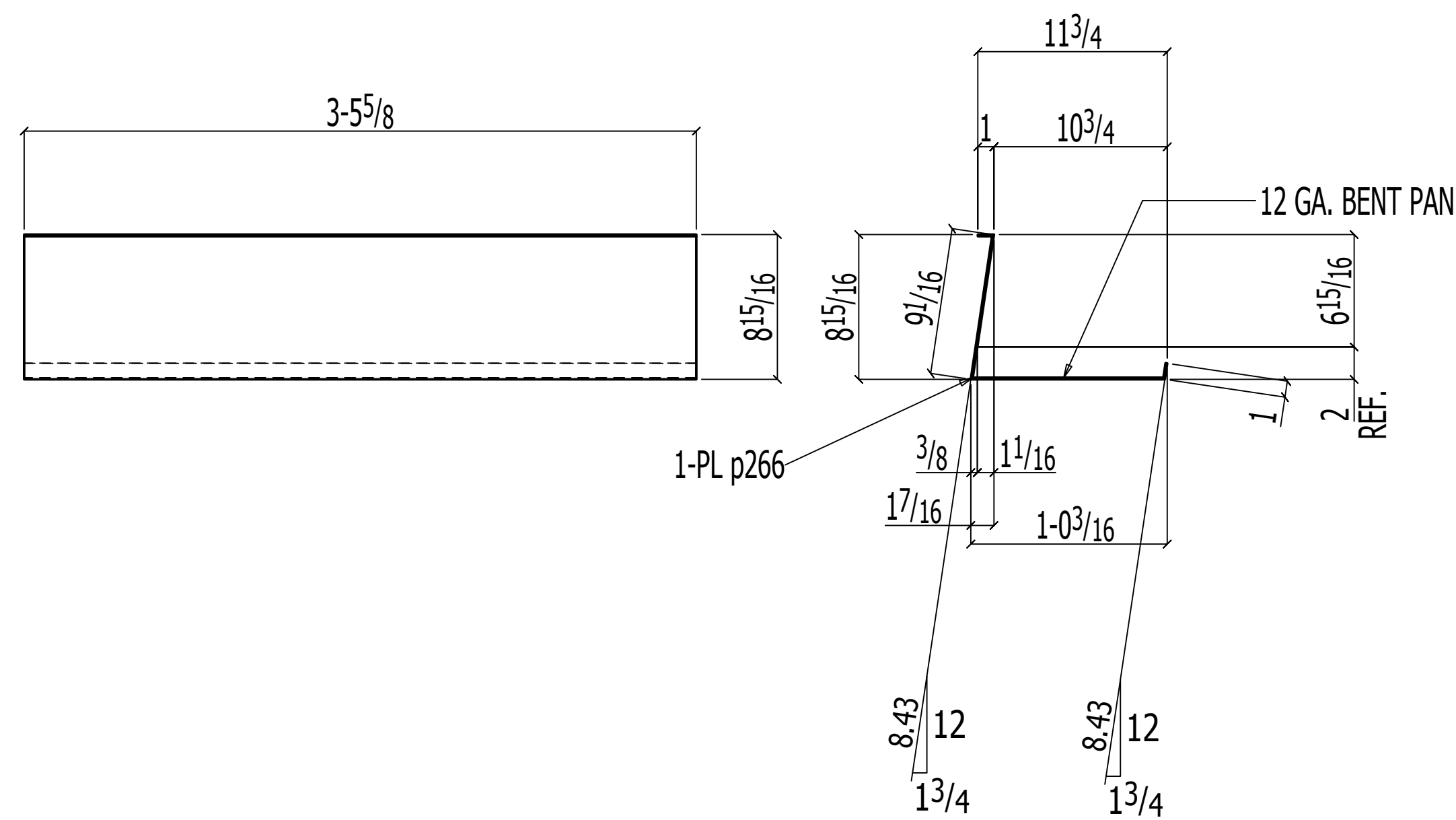
A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



8 PANS 266M1

(E REFER: E202)

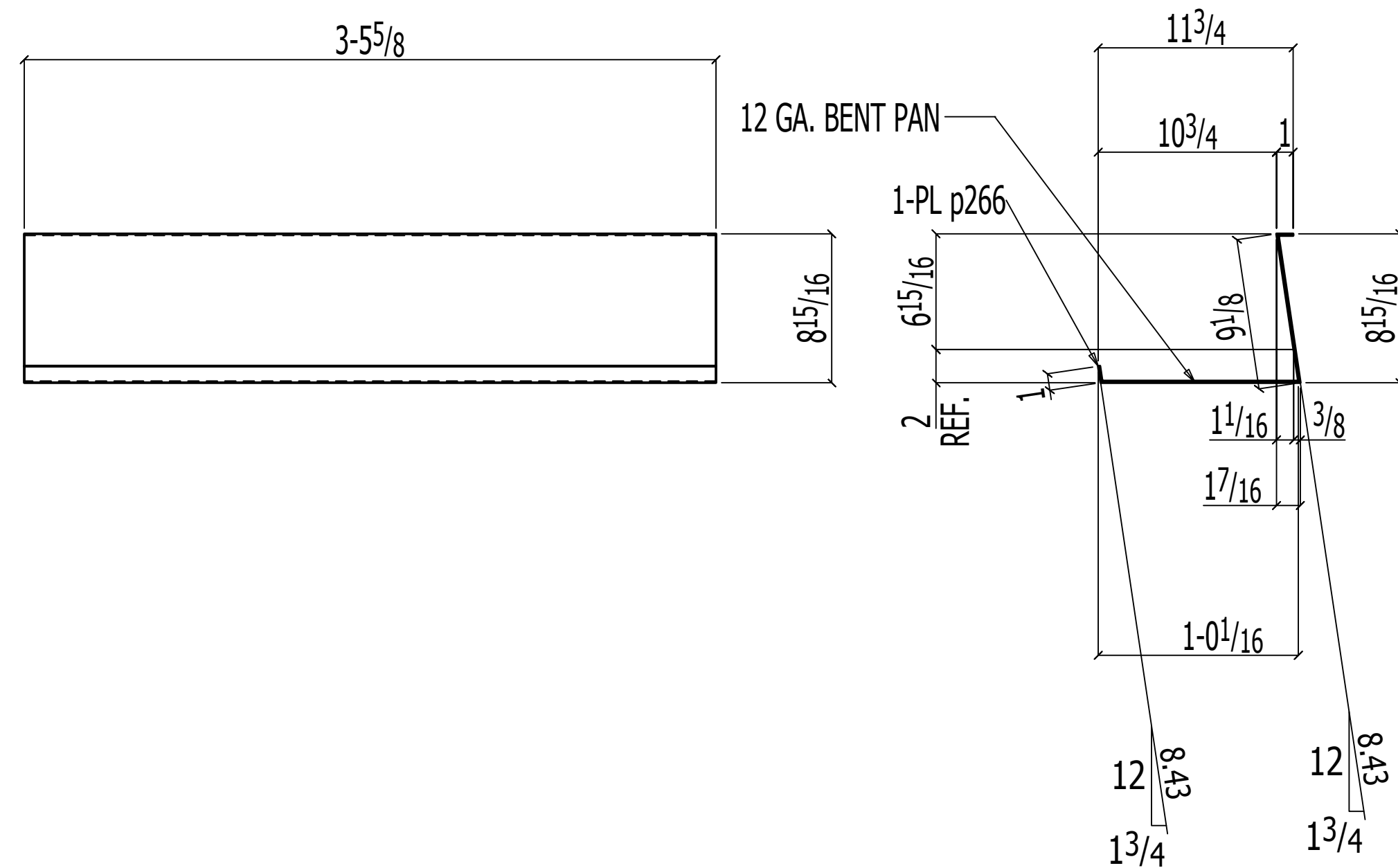
ISC PRIMER



29 PANS 266M2

(E REFER: E202)

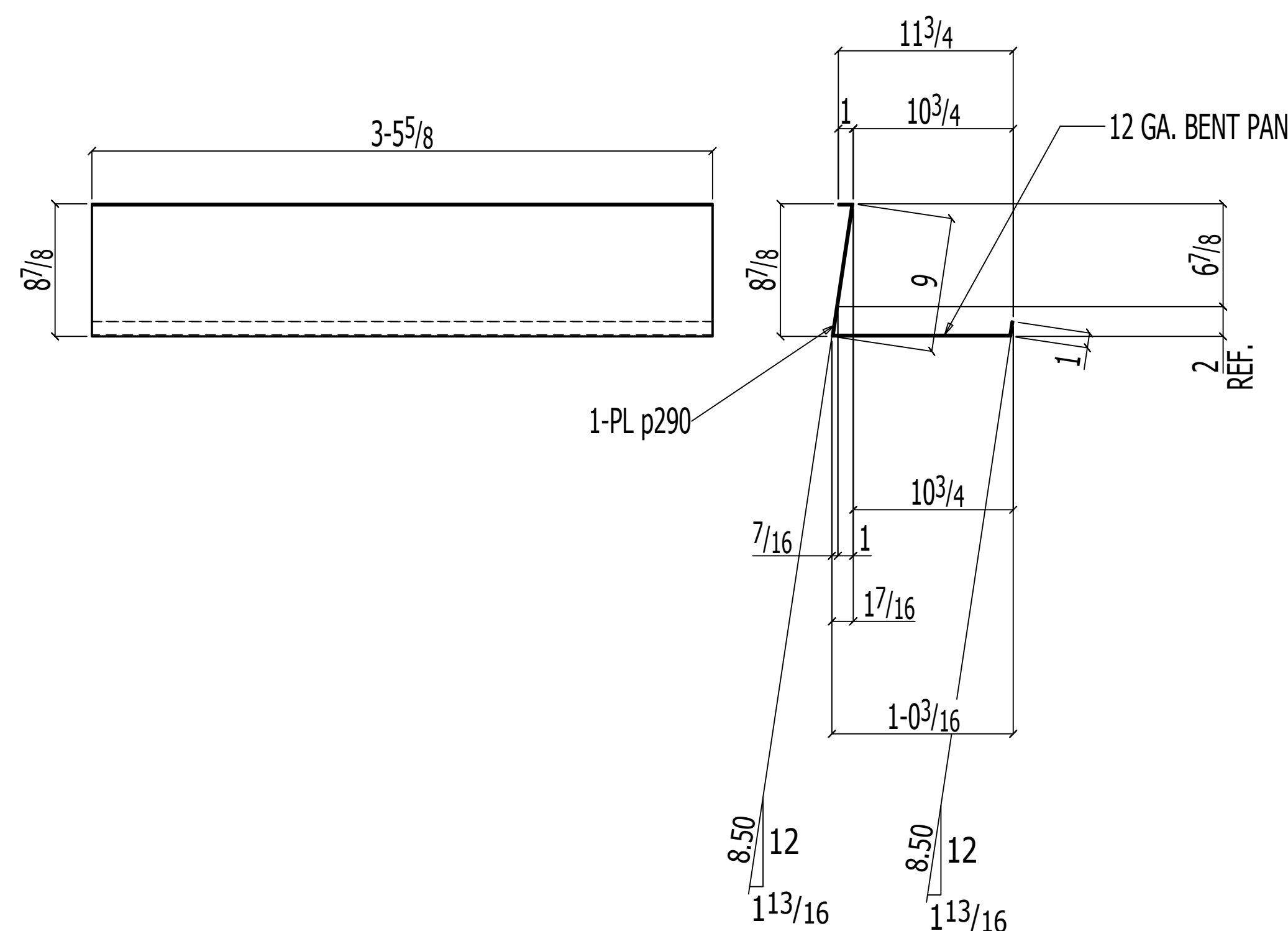
ISC PRIMER



16 PANS 266M3

(E REFER: E202)

ISC PRIMER



11 PANS 266M4

(E REFER: E202)

ISC PRIMER

BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
8		266M1	PAN			230
8	1	p264	PL12GAx23 1/2	3 5/8	BENT A36	230
29		266M2	PAN			832
29	1	p266	PL12GAx23 1/4	3 5/8	BENT A36	832
16		266M3	PAN			458
16	1	p266	PL12GAx23 1/4	3 5/8	BENT A36	458
11		266M4	PAN			315
11	1	p290	PL12GAx23 1/2	3 5/8	BENT A36	315
Total weight :						1836

AESS FINISH:
 Spec Section Ref Required:
 Additional Information;

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

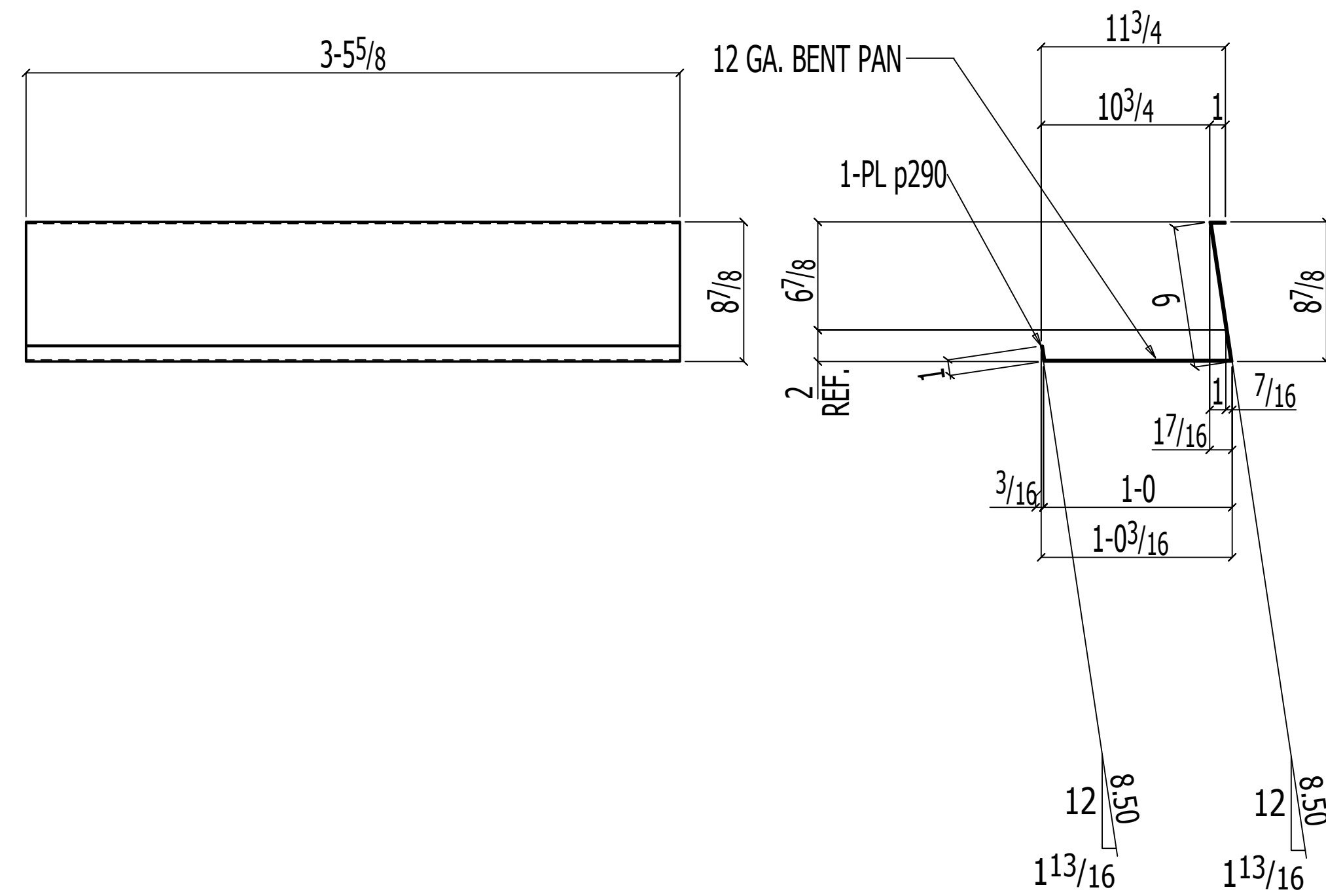
- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter

AISI
CERTIFIED
FABRICATOR
AND ERECTOR

CAPCO STEEL ERECTION
 TEL: (401) 383-9388 - FAX: (401) 343-9051
 E-MAIL: info@capcoerectors.com
 25C ACORN STREET
 PROVIDENCE, RI 02903

PROJECT:	WHITTIER CHOICE-PHASE 3
ITEM:	STAIR#2
CUSTOMER:	DIMEO CONSTRUCTION CO.
SURF. PREP:	SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
MATERIAL:	AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
MATERIAL U.N.	BEAMS, GIRDERS AND COLUMNS: ASTM A992
ANGLES, BARS AND PLATES:	ASTM A36
TUBE STEEL:	ASTM A500, GRADE B F146X5
PIPE SCHEDULE:	E-40 CONFORMING TO ASTM A53, GRADE B
WELDING U.N.	E70XX
	E70XX-LH FOR ASTM A572-50
DRAWN BY:	PKM DATE: 08-16-2022
CHECKED BY:	ALN DATE: 08-16-2022
JOB NO.:	22-0012-5002
DWG NO.:	266

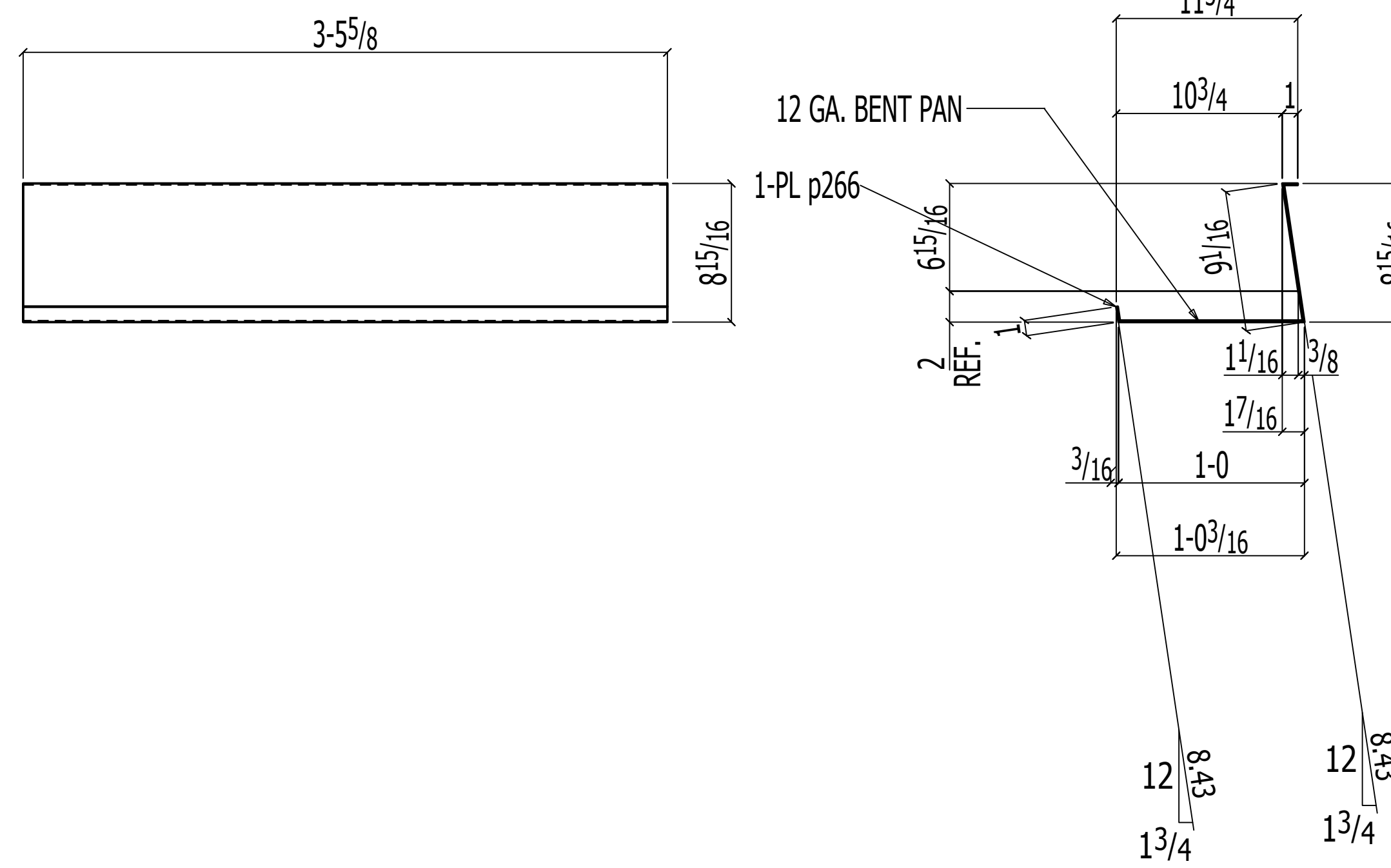
A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



10 PANS 267M1

(E REFER: E202)

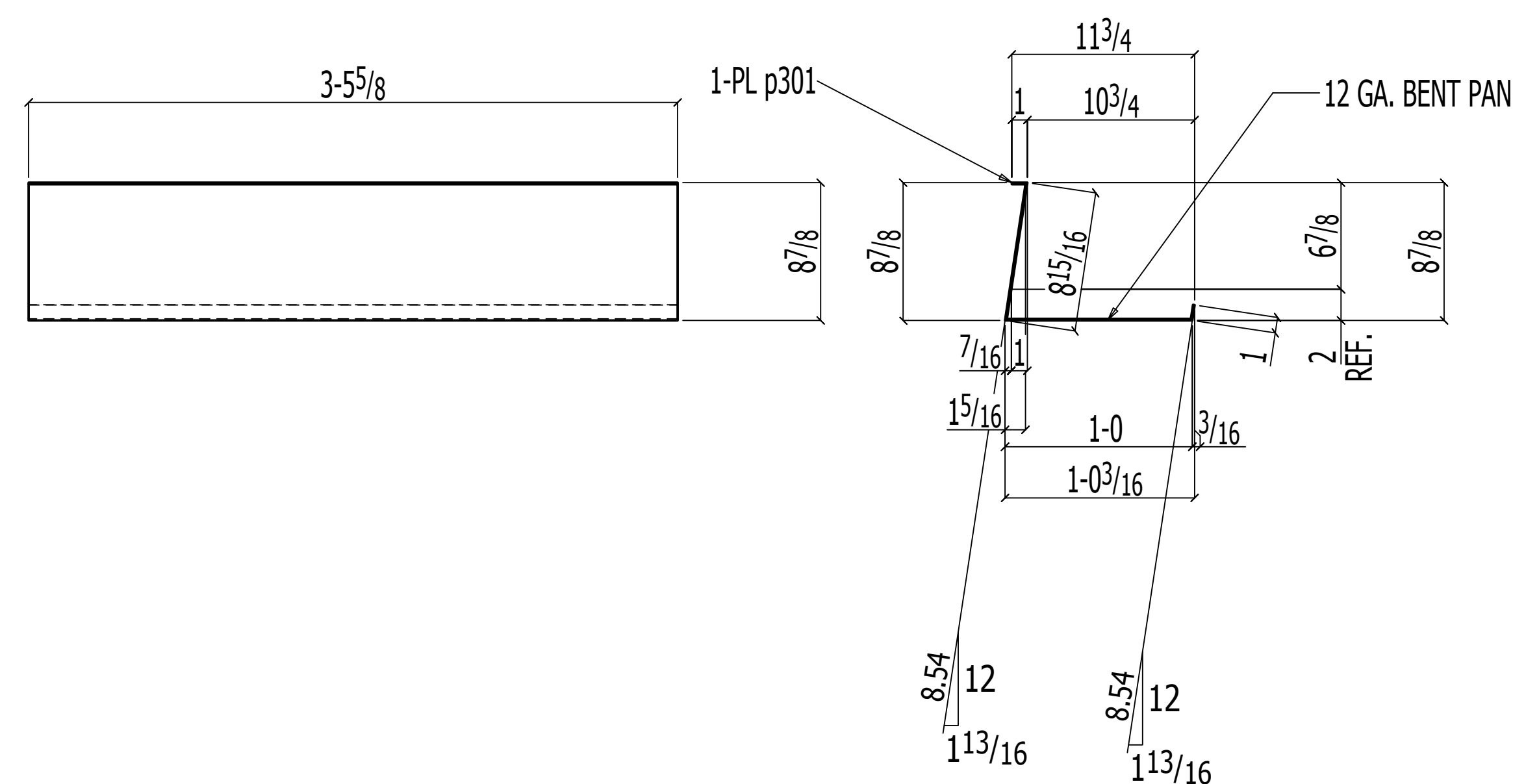
1SC PRIMER



10 PANS 267M2

(E REFER: E202)

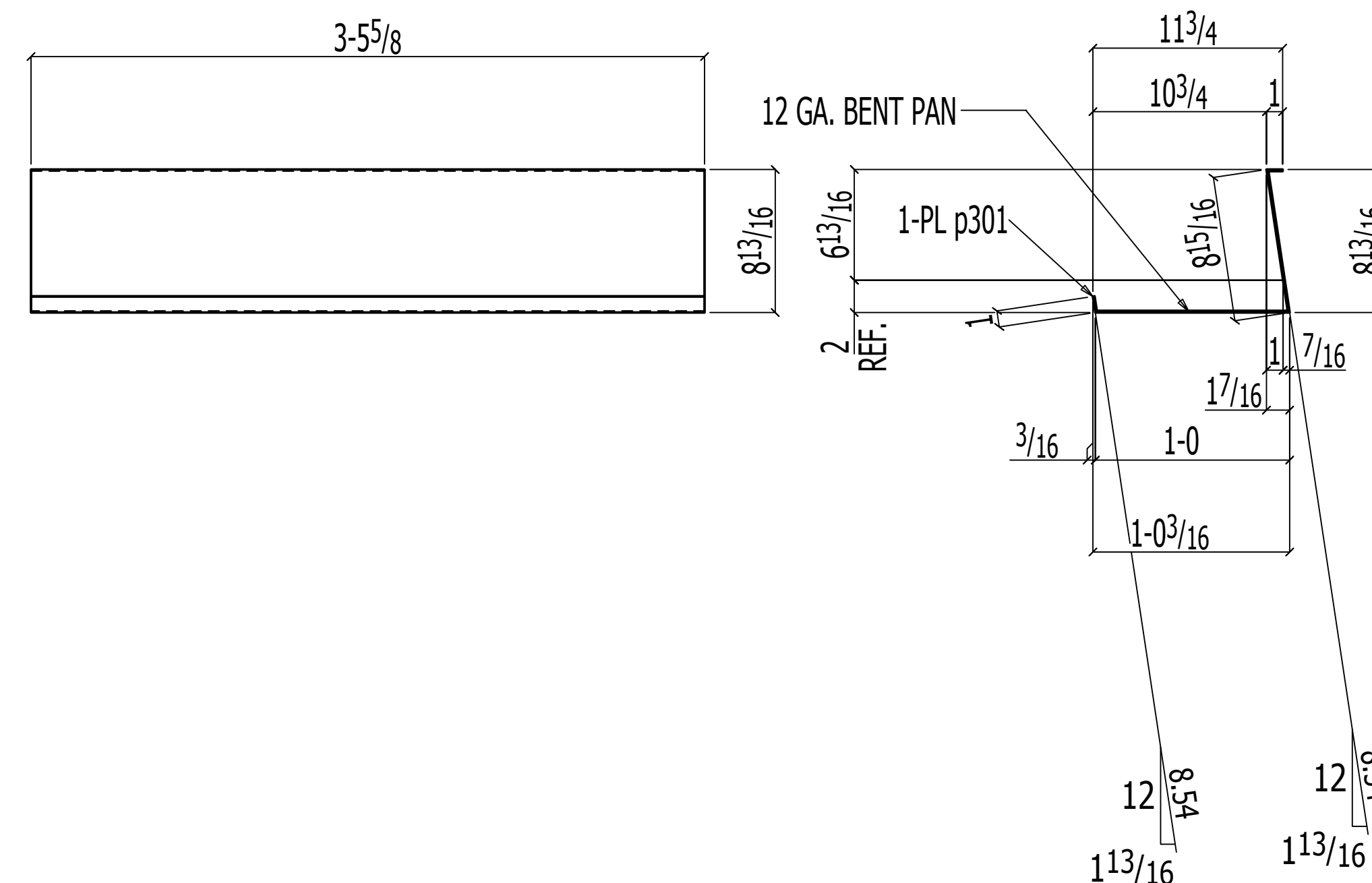
1SC PRIMER



55 PANS 267M3

(E REFER: E203)

1SC PRIMER



64 PANS 267M4

(E REFER: E203)

1SC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
10	267M1		PAN			286
10	1 p290		PL12GAx231/8	3 5/8	BENT A36	286
10	267M2		PAN			287
10	1 p266		PL12GAx231/4	3 5/8	BENT A36	287
55	267M3		PAN			1570
55	1 p301		PL12GAx231/8	3 5/8	BENT A36	1570
64	267M4		PAN			1827
64	1 p301		PL12GAx231/8	3 5/8	BENT A36	1827
Total weight :						3971

AESS FINISH:

- Spec Section Ref Required:
- Additional Information:

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



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 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

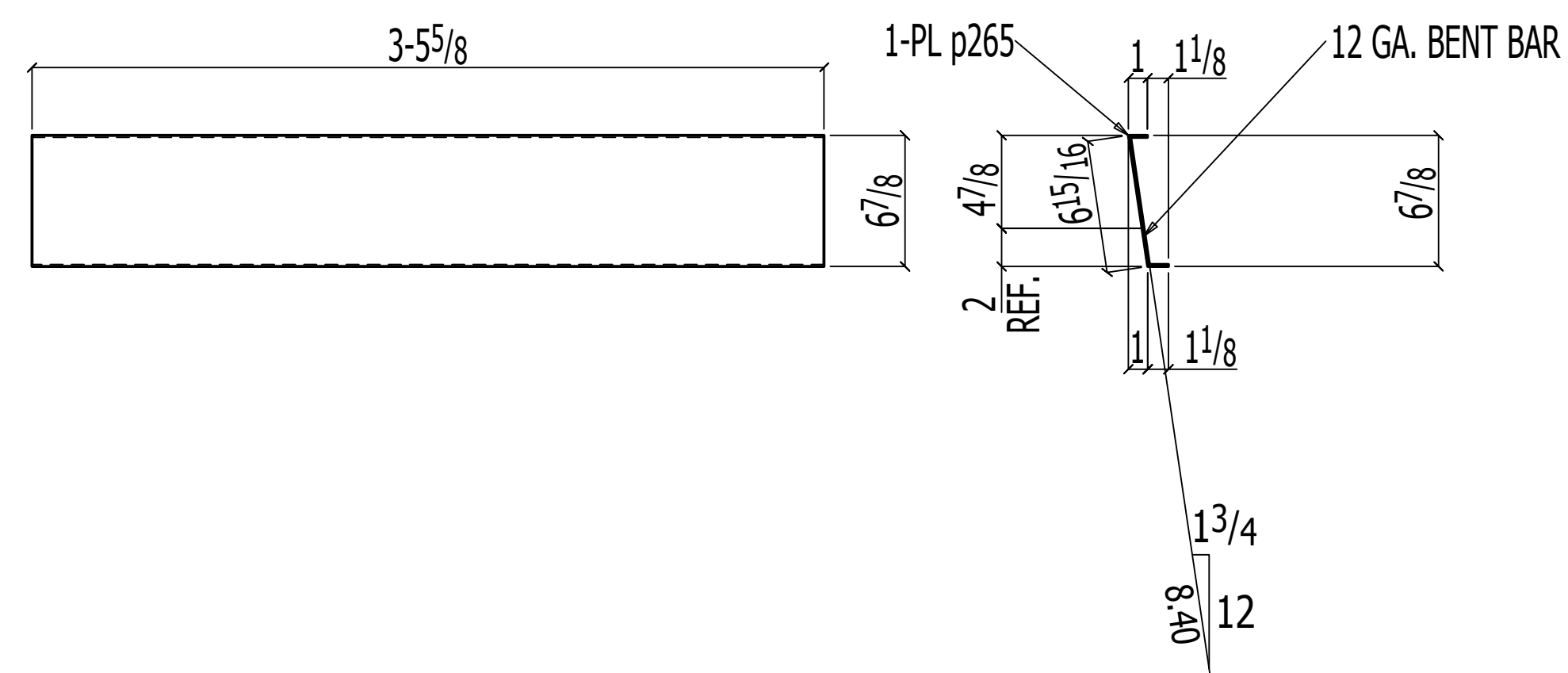
ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

TUBE STEEL: ASTM A500, GRADE B F146KS JOB NO. 22-0012-5002 REV #

PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX DWG NO. 267

E70XX-LH FOR ASTM A572-50

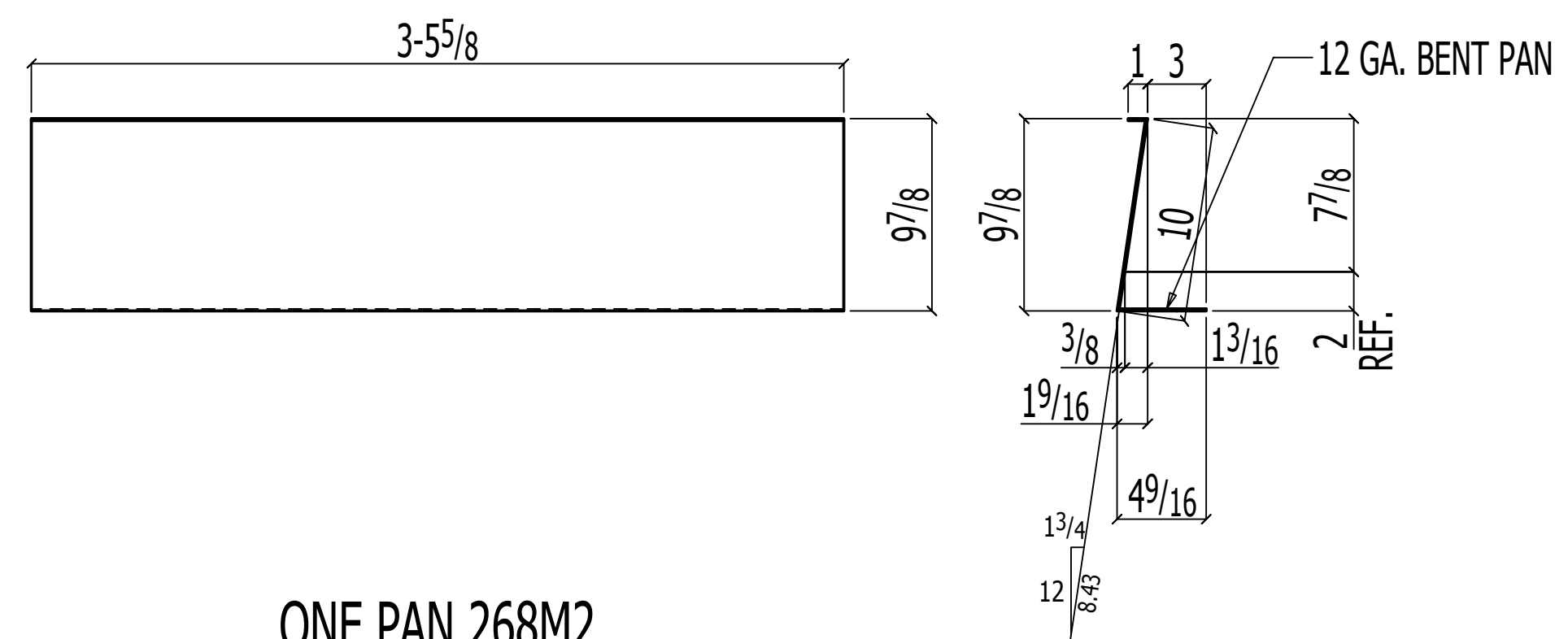
A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



ONE PAN 268M1

(E REFER: E210)

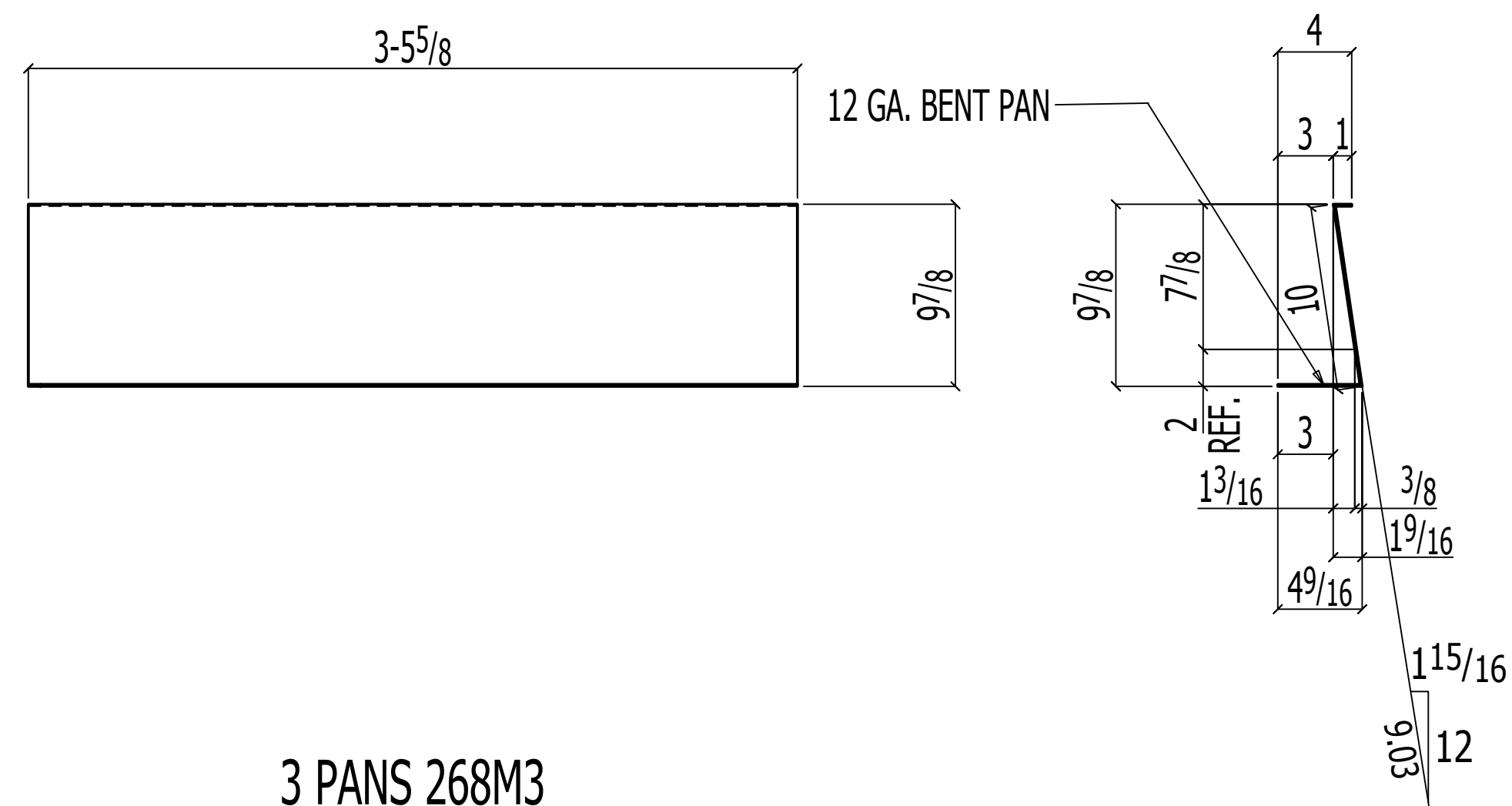
ISC PRIMER



ONE PAN 268M2

(E REFER: E210)

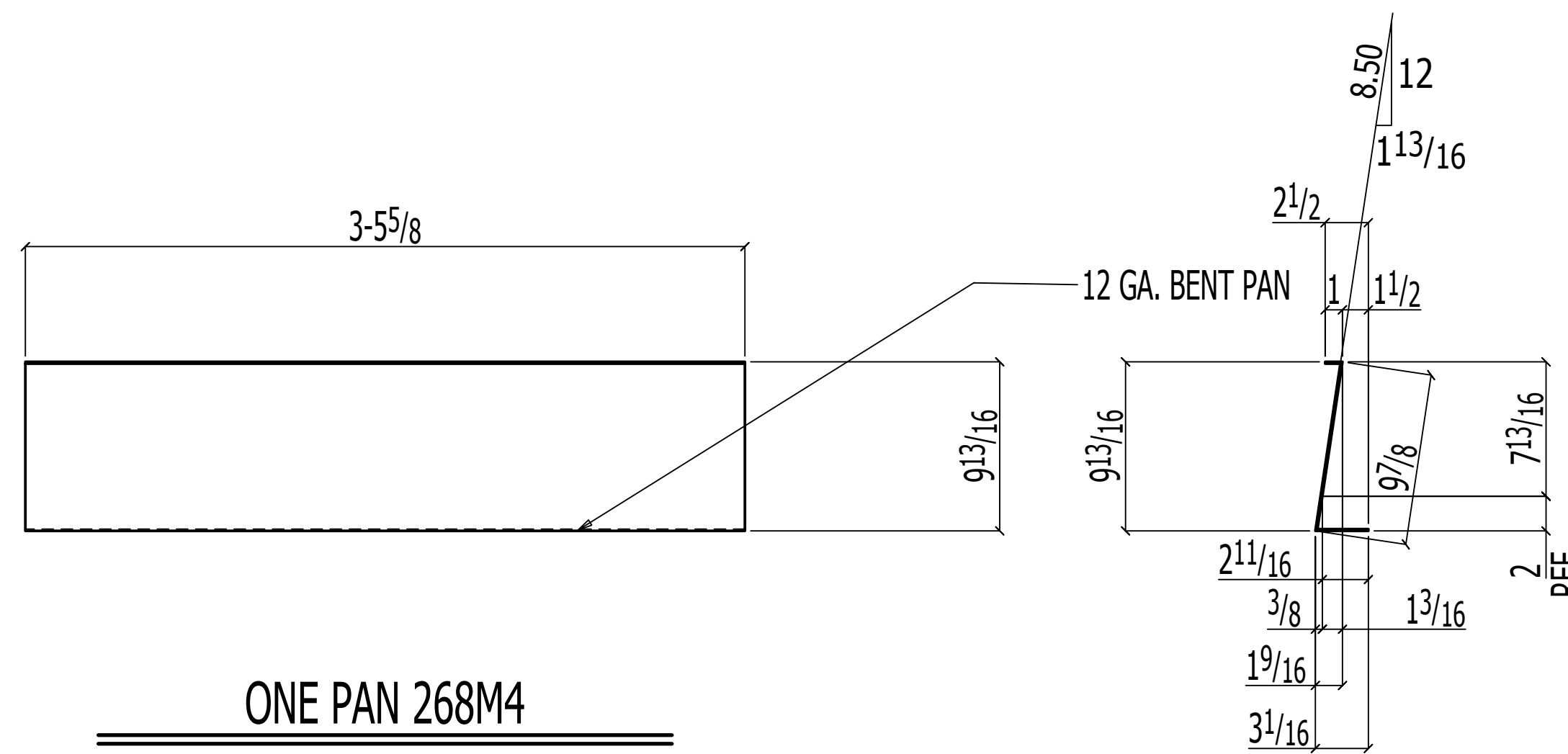
ISC PRIMER



3 PANS 268M3

(E REFER: E210)

ISC PRIMER



ONE PAN 268M4

(E REFER: E210)

ISC PRIMER

BILL OF MATERIAL

QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE	268M1	PAN				11
1	1 p265	PL12GAx97/8		3 5/8	BENT A36	11
ONE	268M2	PAN				16
1	1 p274	PL12GAx129/16		3 5/8	BENT A36	16
3	268M3	PAN				58
3	1 p274	PL12GAx139/16		3 5/8	BENT A36	58
ONE	268M4	PAN				17
1	1 p294	PL12GAx139/16		3 5/8	BENT A36	17
Total weight :						101

AESS FINISH:

- Spec Section Ref Required:
- Additional Information:

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



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 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

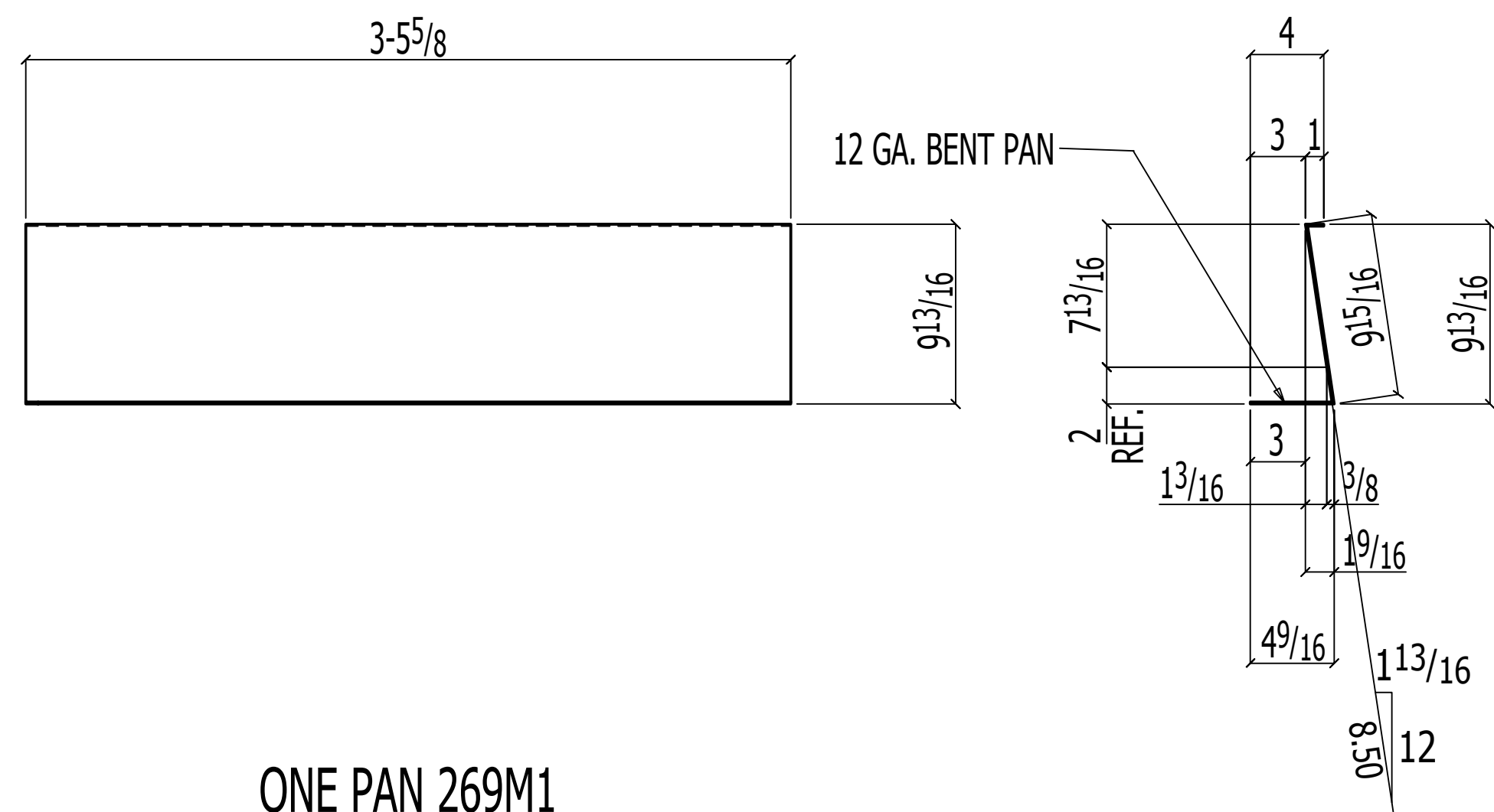
TUBE STEEL: ASTM A500, GRADE B F=48 KSI

PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B JOB NO. 22-0012-5002 REV #

WELDING U.N. E70XX DWG NO. 268

E70XX-LH FOR ASTM A572-50

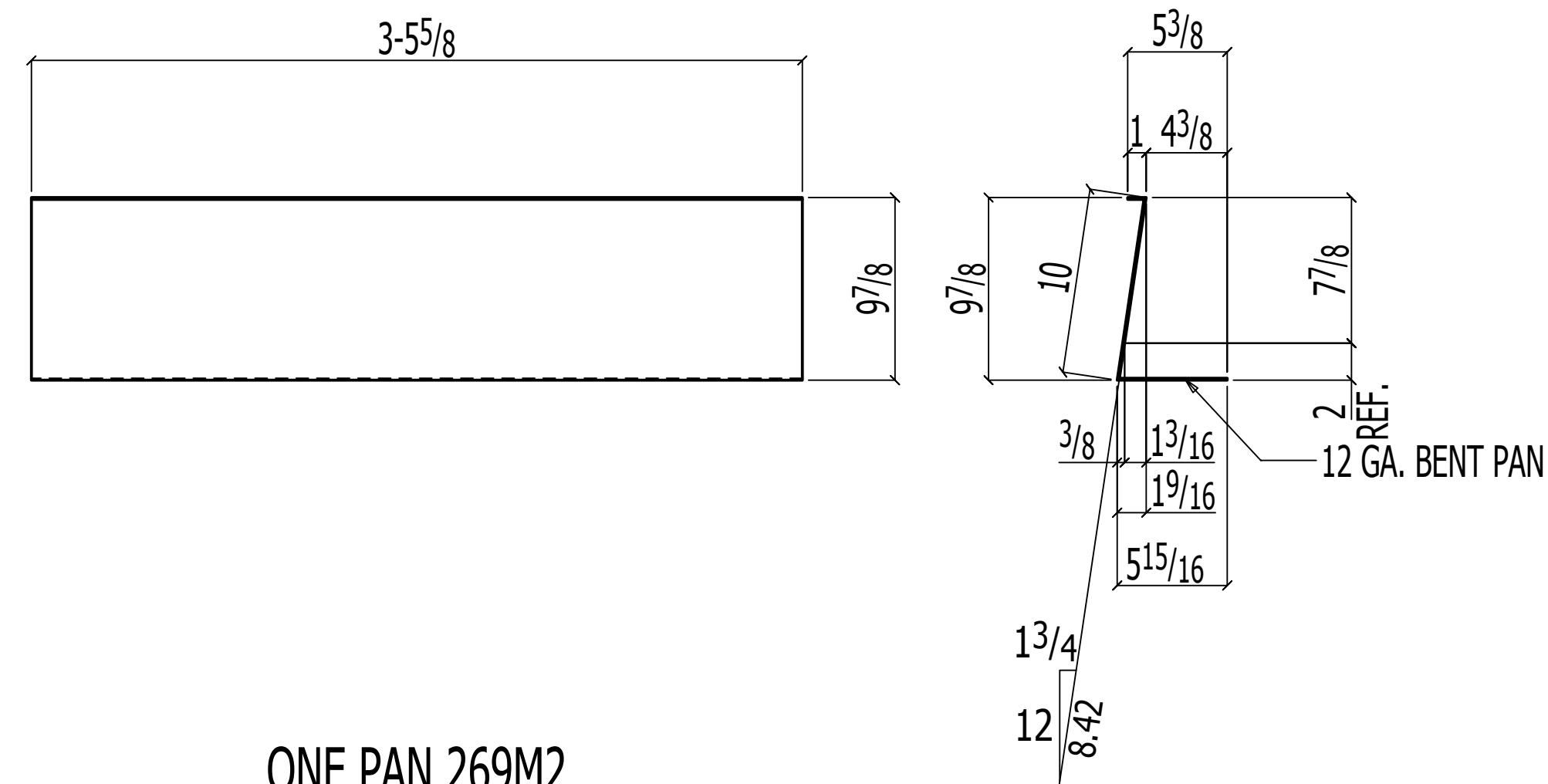
A	10-10-2022	ALN	FOR APPROVAL
	REV.#	DATE	BY
			REVISION



ONE PAN 269M1

(E REFER: E210)

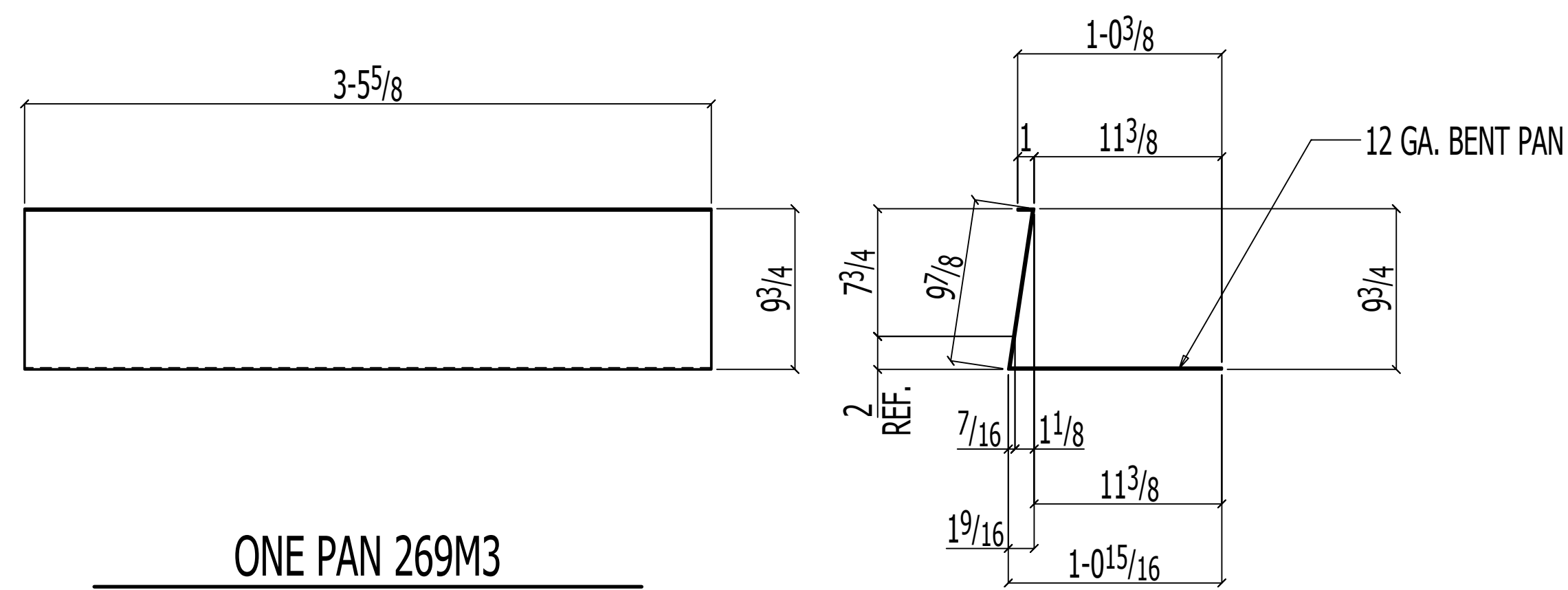
1SC PRIMER



ONE PAN 269M2

(E REFER: E210)

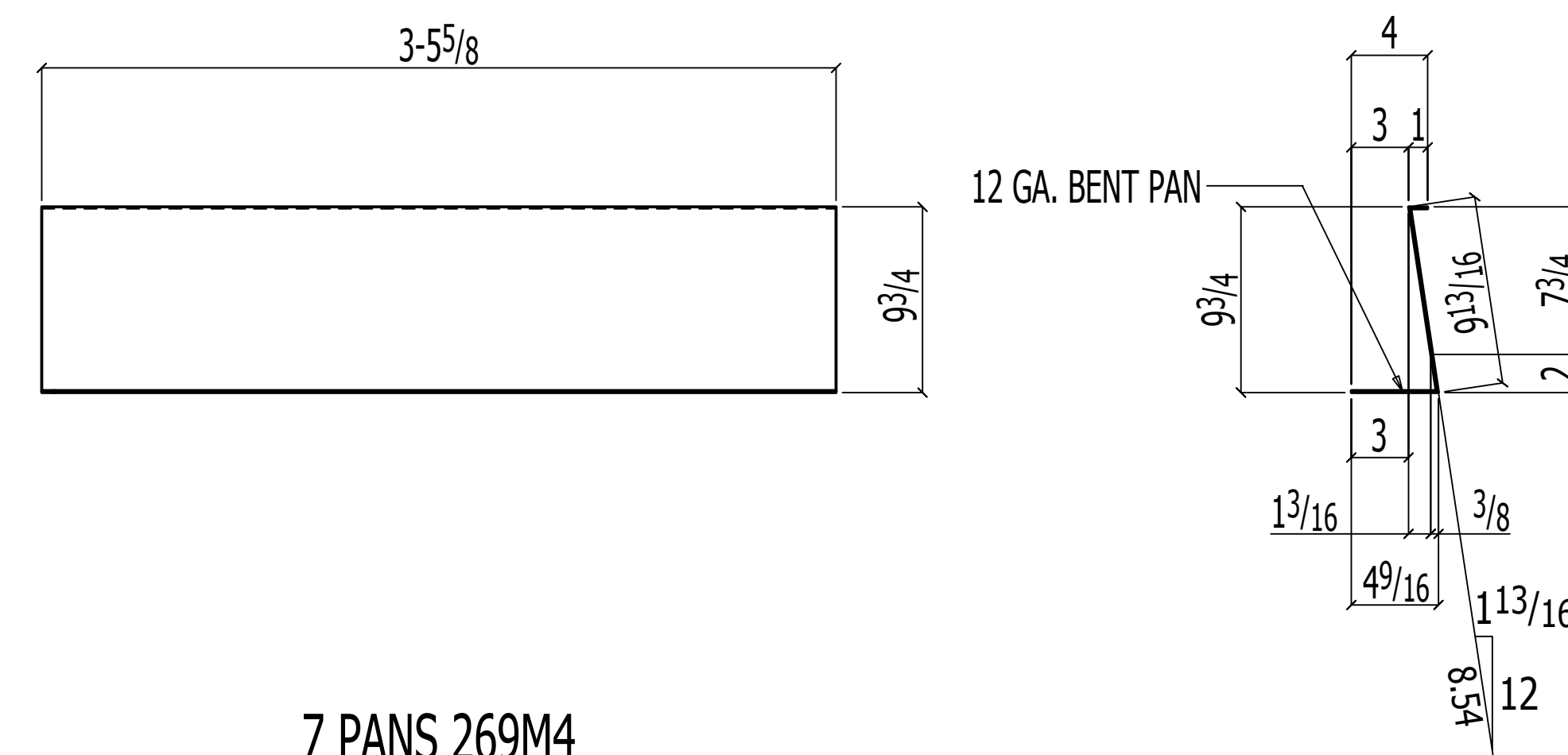
1SC PRIMER



ONE PAN 269M3

(E REFER: E210)

1SC PRIMER



7 PANS 269M4

(E REFER: E210)

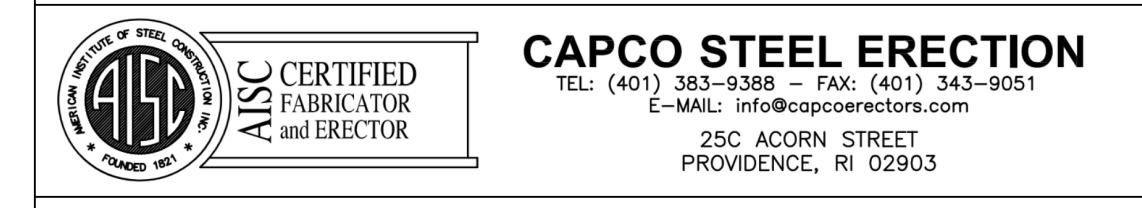
1SC PRIMER

BILL OF MATERIAL						
QTY	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
TOTAL	UNIT	MARK				TOTAL
ONE	269M1	PAN				19
1	1	p297	PL12GAx15 1/2	3 5 5/8	BENT A36	19
ONE	269M2	PAN				21
1	1	p299	PL12GAx16 15/16	3 5 5/8	BENT A36	21
ONE	269M3	PAN				29
1	1	p303	PL12GAx23 13/16	3 5 5/8	BENT A36	29
7	269M4	PAN				133
7	1	p306	PL12GAx15 7/16	3 5 5/8	BENT A36	133
Total weight :						203

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

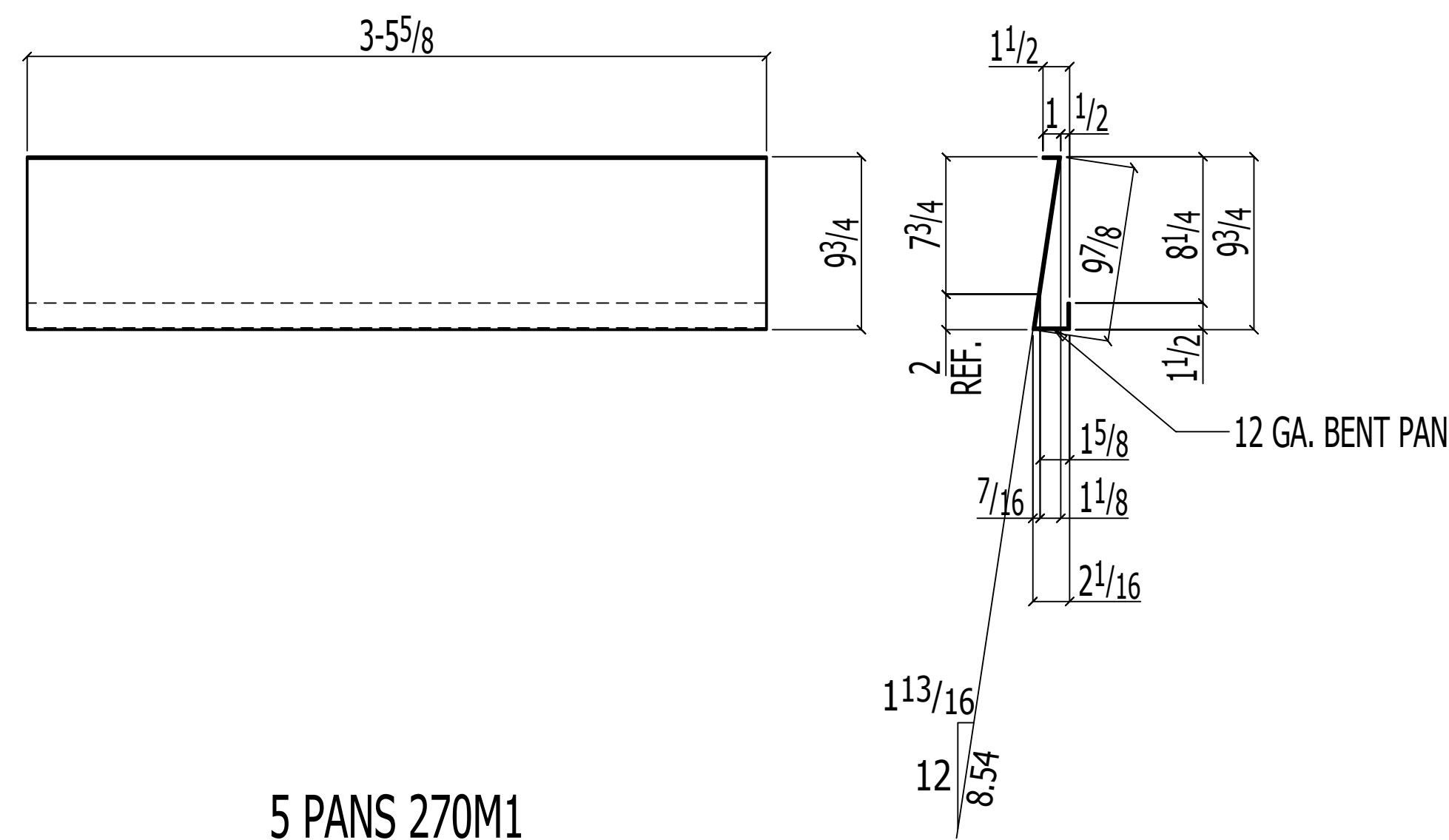
NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX
 MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022
 ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022
 TUBE STEEL: ASTM A501, GRADE B F44-48 KS
 PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
 WELDING U.N. E70XX JOB NO. 22-0012-5002 REV #
 E70XX-LH FOR ASTM A572-50 DWG NO. 269 A

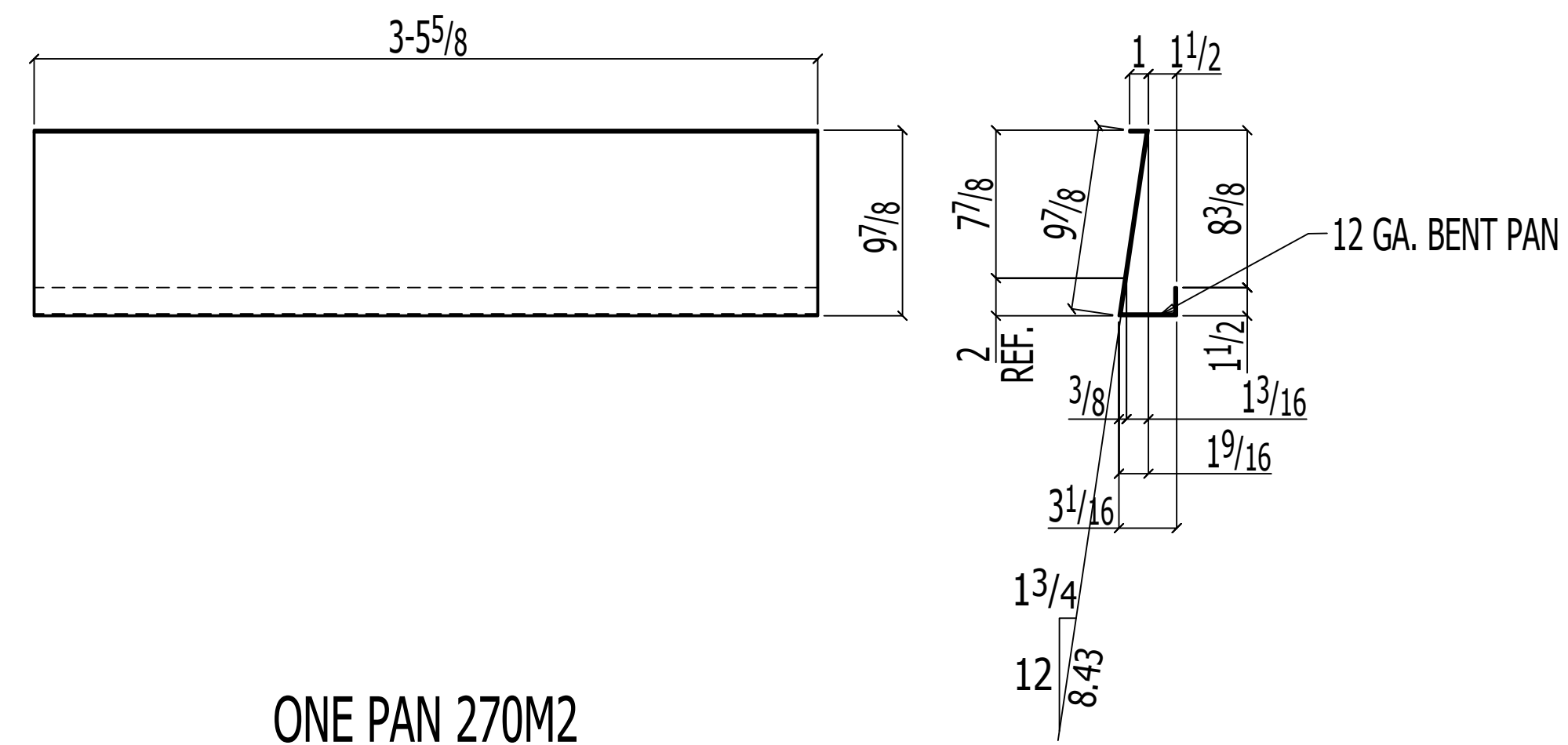
A	10-10-2022	ALN	FOR APPROVAL
REV.#	DATE	BY	REVISION



5 PANS 270M1

(E REFER: E210)

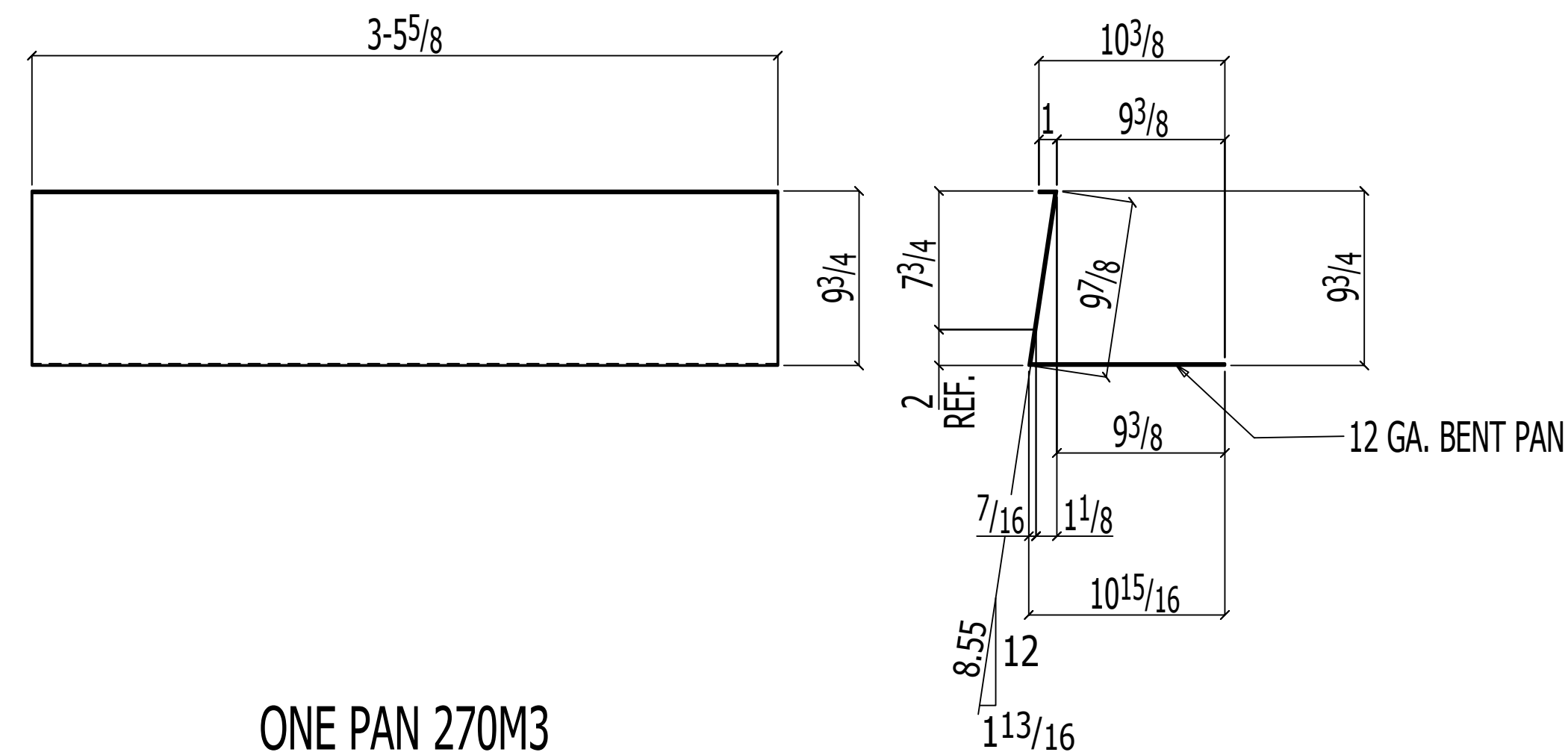
ISC PRIMER



ONE PAN 270M2

(E REFER: E210)

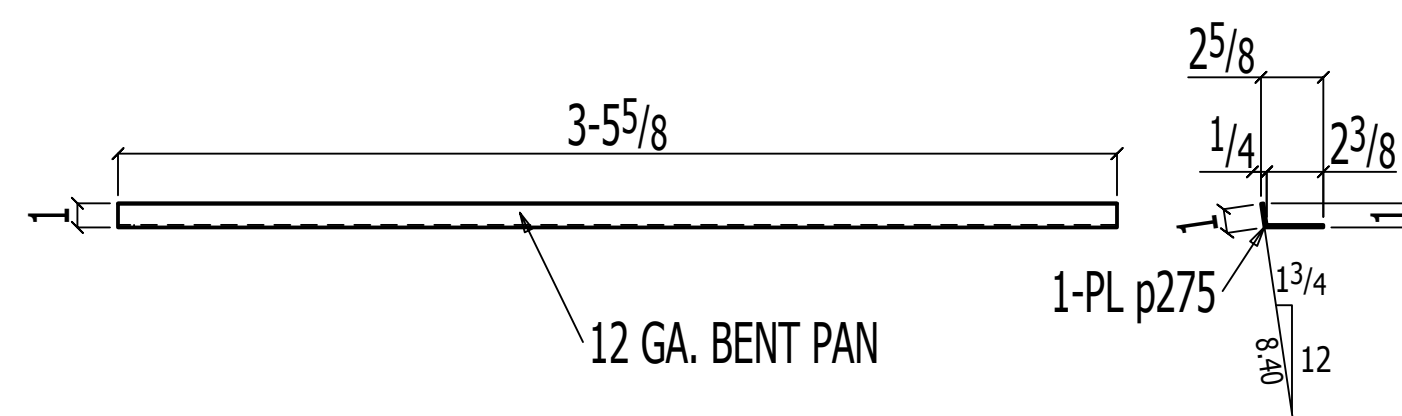
ISC PRIMER



ONE PAN 270M3

(E REFER: E210)

ISC PRIMER



ONE PAN 270M4

(E REFER: E210)

ISC PRIMER

BILL OF MATERIAL

QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
5		270M1	PAN			80
5	1	p311	PL12GAx12 1/2x16	3 5/8	BENT A36	80
ONE		270M2	PAN			15
1	1	p329	PL12GAx12 7/8x16	3 5/8	BENT A36	15
ONE		270M3	PAN			27
1	1	p330	PL12GAx12 13/16x16	3 5/8	BENT A36	27
ONE		270M4	PAN			4
1	1	p275	PL12GAx3 5/8x16	3 5/8	BENT A36	4
Total weight :						127

AESS FINISH:

- Spec Section Ref Required:
- Additional Information:

NOMMA Joint Finishes: www.nomma.org

Spec Section Ref Required:

- Finish #0 - No Visible Weld
- Finish #1 - Sanded and blended completely
- Finish #2 - Partially dressed weld with spatter removed
- Finish #3 - Good quality, uniform undressed weld with minimal spatter



CAPCO STEEL ERECTION
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 PROVIDENCE, RI 02903

PROJECT: WHITTIER CHOICE-PHASE 3

ITEM: STAIR#2

CUSTOMER: DIMEO CONSTRUCTION CO.

SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY

MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N. BEAMS, GIRDERS AND COLUMNS: ASTM A992 DRAWN BY PKM DATE 08-16-2022

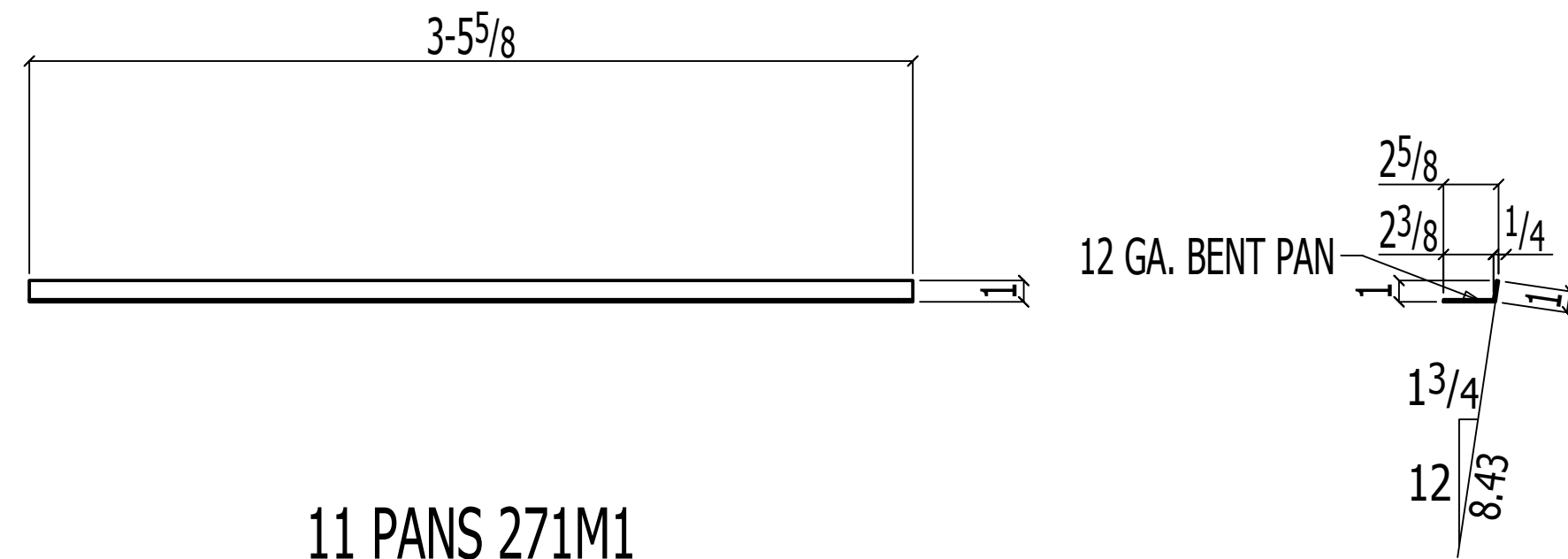
ANGLES, BARS AND PLATES: ASTM A36 CHECKED BY ALN DATE 08-16-2022

TUBE STEEL: ASTM A500, GRADE B F460K51 JOB NO. 22-0012-5002 REV #

PIPE SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B WELDING U.N. E70XX DWG NO. 270

WELDING U.N. E70XX FOR ASTM A572-50

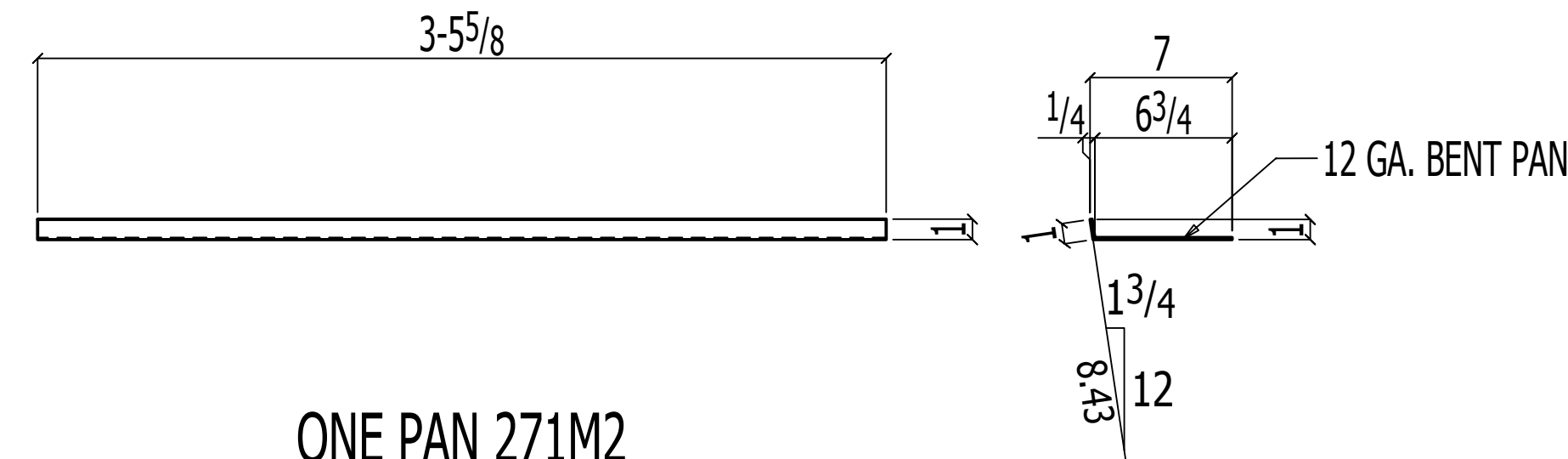
REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL



11 PANS 271M1

(E REFER: E210)

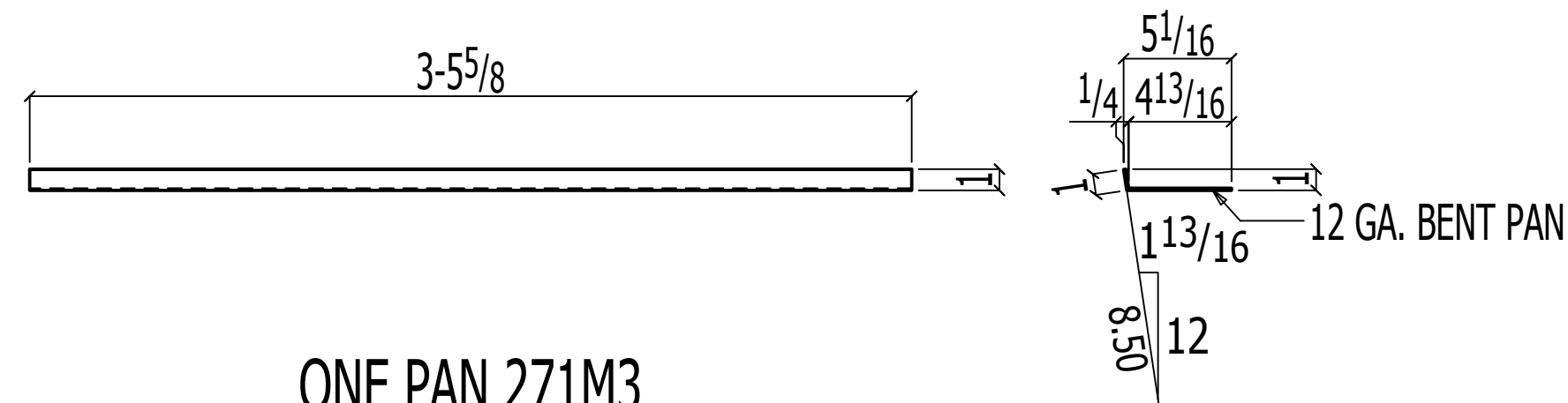
ISC PRIMER



ONE PAN 271M2

(E REFER: E210)

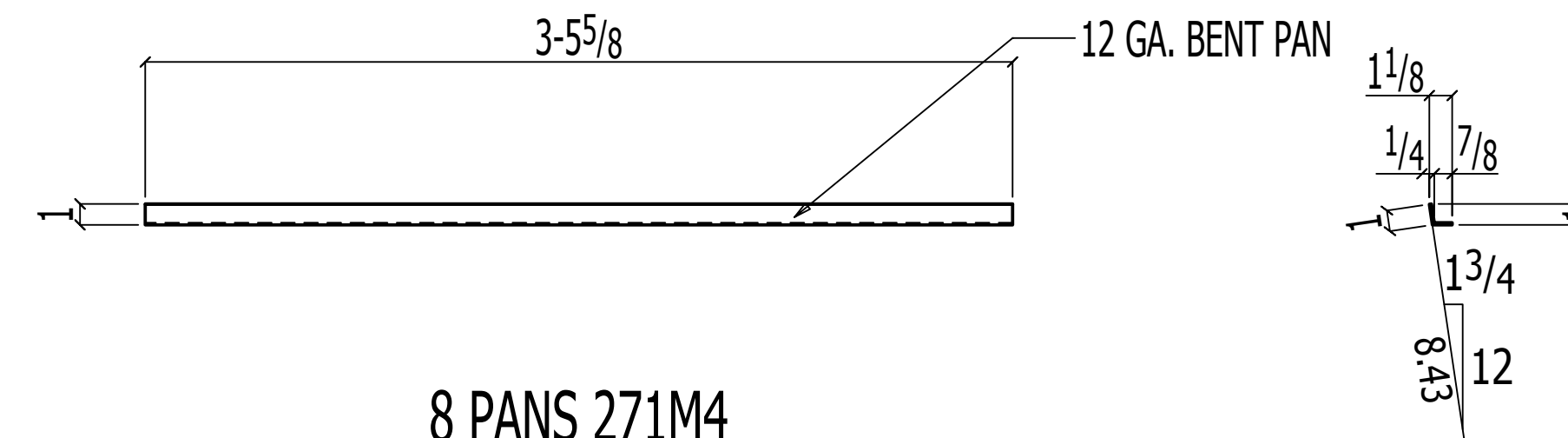
ISC PRIMER



ONE PAN 271M3

(E REFER: E210)

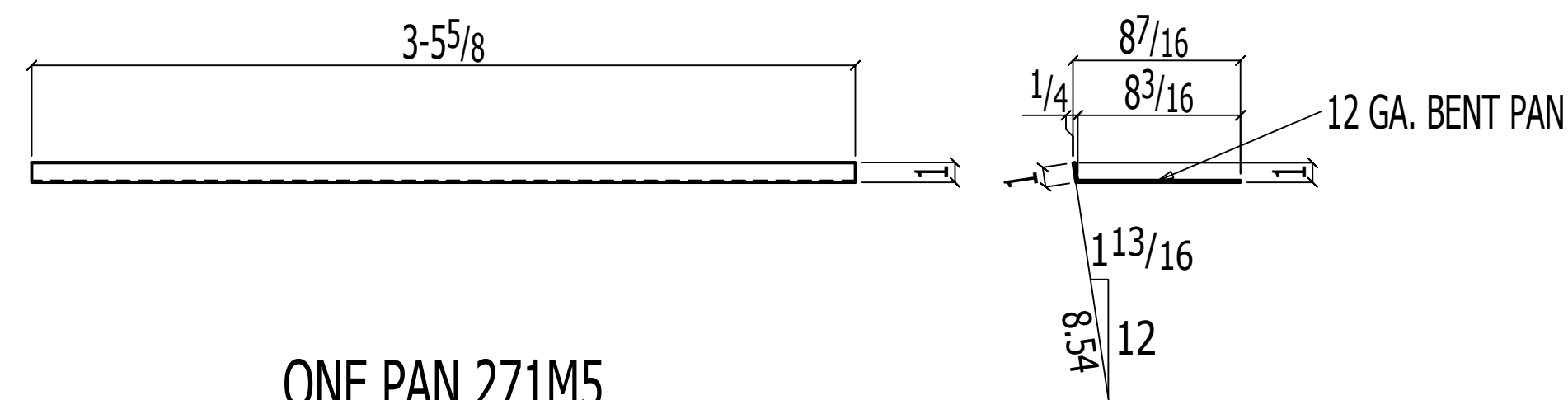
ISC PRIMER



8 PANS 271M4

(E REFER: E210)

ISC PRIMER



ONE PAN 271M5

(E REFER: E210)

ISC PRIMER

BILL OF MATERIAL						
QTY TOTAL	QTY UNIT	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL
11		271M1	PAN			49
11	1	p275	PL12GAx3 1/8	3 5/8	BENT A36	49
ONE		271M2	PAN			10
1	1	p295	PL12GAx8	3 5/8	BENT A36	10
ONE		271M3	PAN			7
1	1	p298	PL12GAx6 1/16	3 5/8	BENT A36	7
8		271M4	PAN			21
8	1	p300	PL12GAx2 1/8	3 5/8	BENT A36	21
ONE		271M5	PAN			12
1	1	p326	PL12GAx9 1/16	3 5/8	BENT A36	12
Total weight :						99

AESS FINISH:
 Spec Section Ref Required:
 Additional Information:

NOMMA Joint Finishes: www.nomma.org
 Spec Section Ref Required:

Finish #0 - No Visible Weld
 Finish #1 - Sanded and blended completely
 Finish #2 - Partially dressed weld with spatter removed
 Finish #3 - Good quality, uniform undressed weld with minimal spatter



PROJECT: WHITTIER CHOICE-PHASE 3
 ITEM: STAIR#2
 CUSTOMER: DIMEO CONSTRUCTION CO.
 SURF. PREP: SSPC-SP3 FINISH: FAST DRY 4190 GRAY 2.0 MILS DRY
 MATERIAL: AS NOTED HOLES: 13/16" U.N.O WELD: E70XX

MATERIAL U.N.
 BEAMS, GIRDERS AND COLUMNS: ASTM A992
 ANGLES, BARS AND PLATES: ASTM A36
 TUBE STEEL: ASTM A500, GRADE B F460KSI
 PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B
 WELDING U.N. E70XX
 E70XX-LH FOR ASTM A572-50

DRAWN BY: PKM DATE: 08-16-2022
 CHECKED BY: ALN DATE: 08-16-2022
 JOB NO.: 22-0012-5002
 DWG NO.: 271

REV.#	DATE	BY	REVISION
A	10-10-2022	ALN	FOR APPROVAL