

NOTE:
1) EXACT LOCATION NEEDS TO BE GIVEN BY THE FIELD BEFORE FABRICATION.

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
 MD-000-3500-0513-001 r 0A; IFC 11/20
 MD-000-3500-0513-002 r 0A; IFC 09/20
 MD-000-3500-0513-003 r 0A; IFC 09/20
 MD-000-3500-0513-004 r 0A; IFC 11/20
 MD-000-3500-0513-005 r 0B; IFC 11/20
 MD-000-3500-0514-001 r 0B; IFC 11/20
 MD-000-3500-0514-002 r 0B; IFC 11/20
 MD-000-3500-0514-003 r 0B; IFC 11/20
 MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
 MD-000-3500-0515-009 r 0; IFC 10/20
 MD-000-3500-0515-010 r 0; IFC 10/20

PHASE				
1	2	3	4	5
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PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

3 - BEAMS - B1

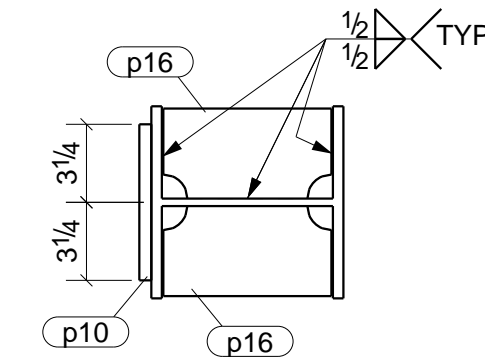
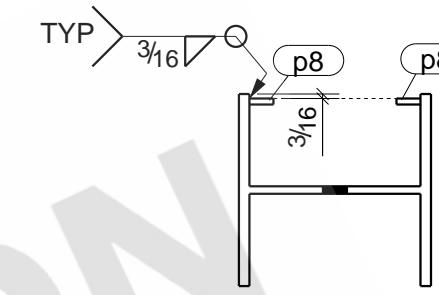
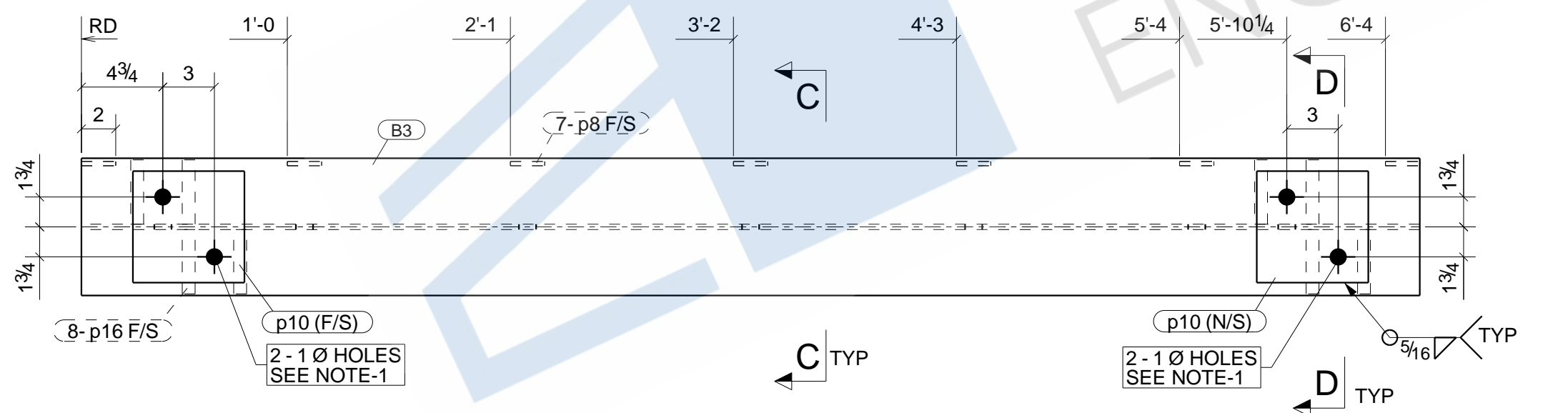
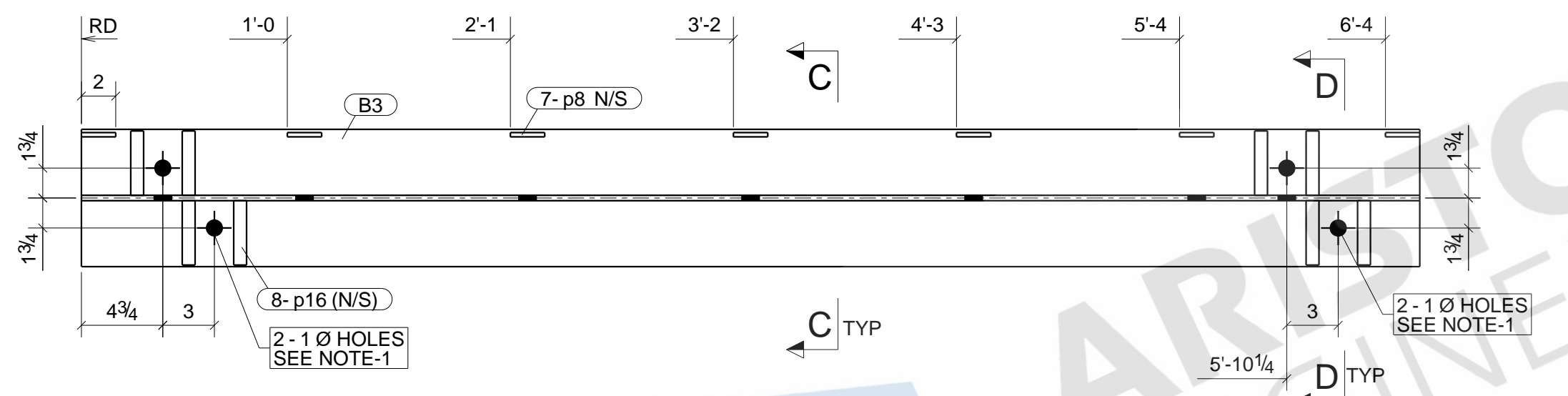
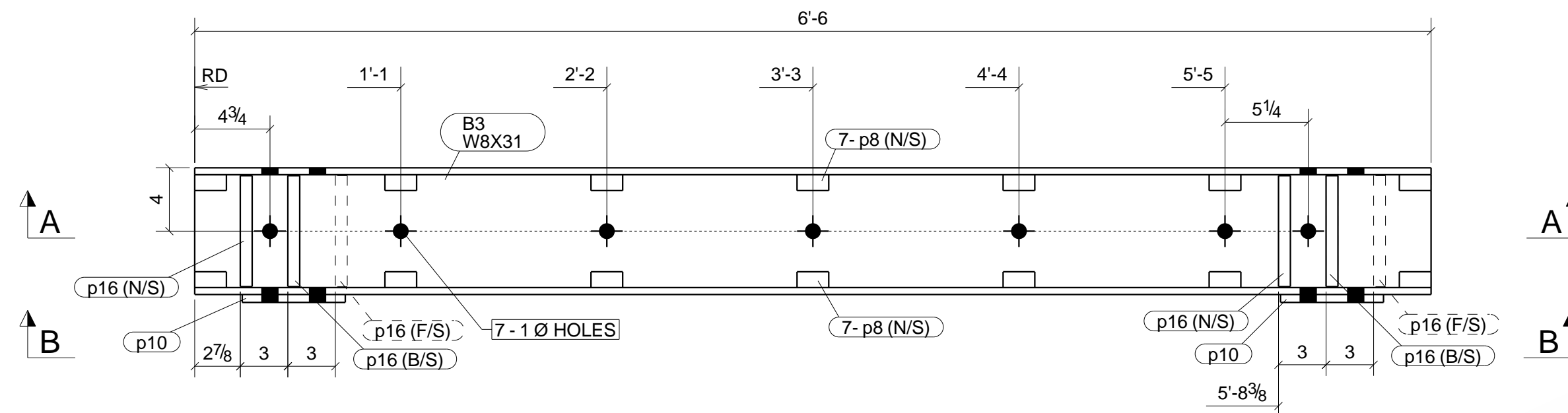
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B1	3	BEAMS			SQ-2
B1	3	W8X31	6'-6"	606	GALV A992
p8	42	PL1/4"X1"	0'-2"	6	A572-50
p10	6	PL1/2"X6 1/2"	0'-6 1/2"	36	A572-50
p16	24	PL3/4"X3 3/4"	0'-7"	126	A572-50
TOTAL WEIGHT THIS DRAWING				774	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT		ENGINEER		CONTRACTOR		PROJECT NAME AND LOCATION		DESCRIPTION	BEAM	JOB No. 34800094					
DRAWN BY	MVK	DATE	12/08/2020	REF	SEE REF DWG LIST	DRG No.	B1	CHECKED BY	NSP	DATE	02/15/2021	REF	DWG	REV	0



NOTE:
1) EXACT LOCATION NEEDS TO BE GIVEN BY THE FIELD BEFORE FABRICATION.

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16" Ø U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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3 - BEAMS - B3

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0513-001 r 0A; IFC 11/20
MD-000-3500-0513-002 r 0A; IFC 09/20
MD-000-3500-0513-003 r 0A; IFC 09/20
MD-000-3500-0513-004 r 0A; IFC 11/20
MD-000-3500-0513-005 r 0B; IFC 11/20
MD-000-3500-0514-001 r 0B; IFC 11/20
MD-000-3500-0514-002 r 0B; IFC 11/20
MD-000-3500-0514-003 r 0B; IFC 11/20
MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-005 r 0; IFC 10/20
MD-000-3500-0515-006 r 0; IFC 10/20
MD-000-3500-0515-007 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-010 r 0; IFC 10/20

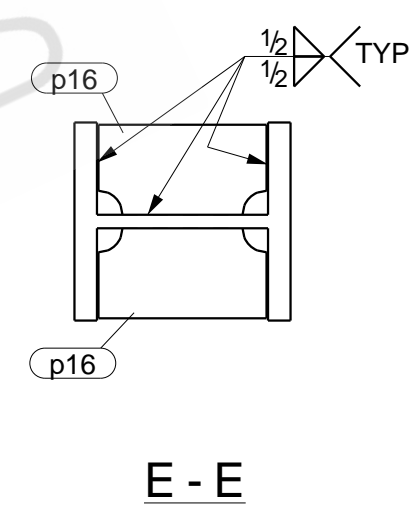
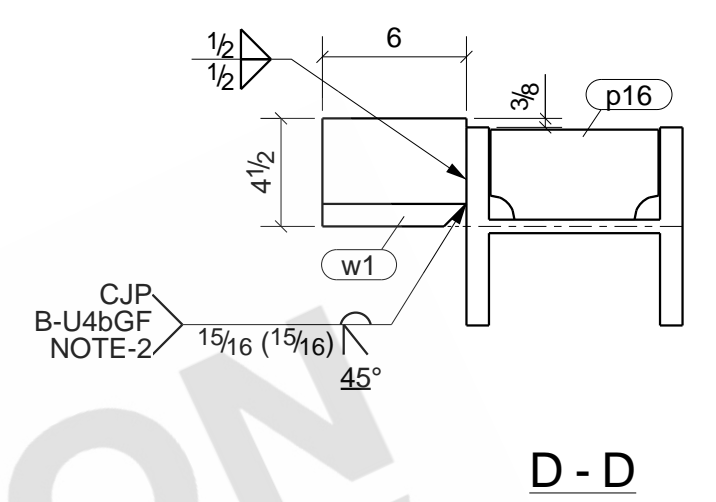
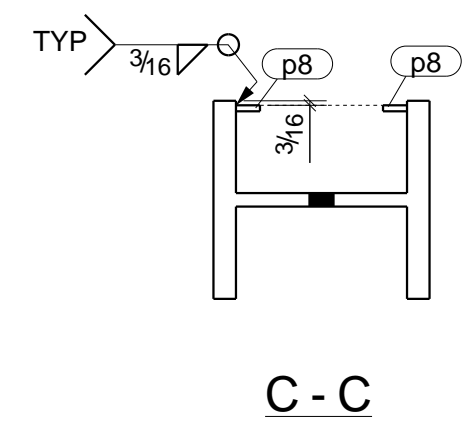
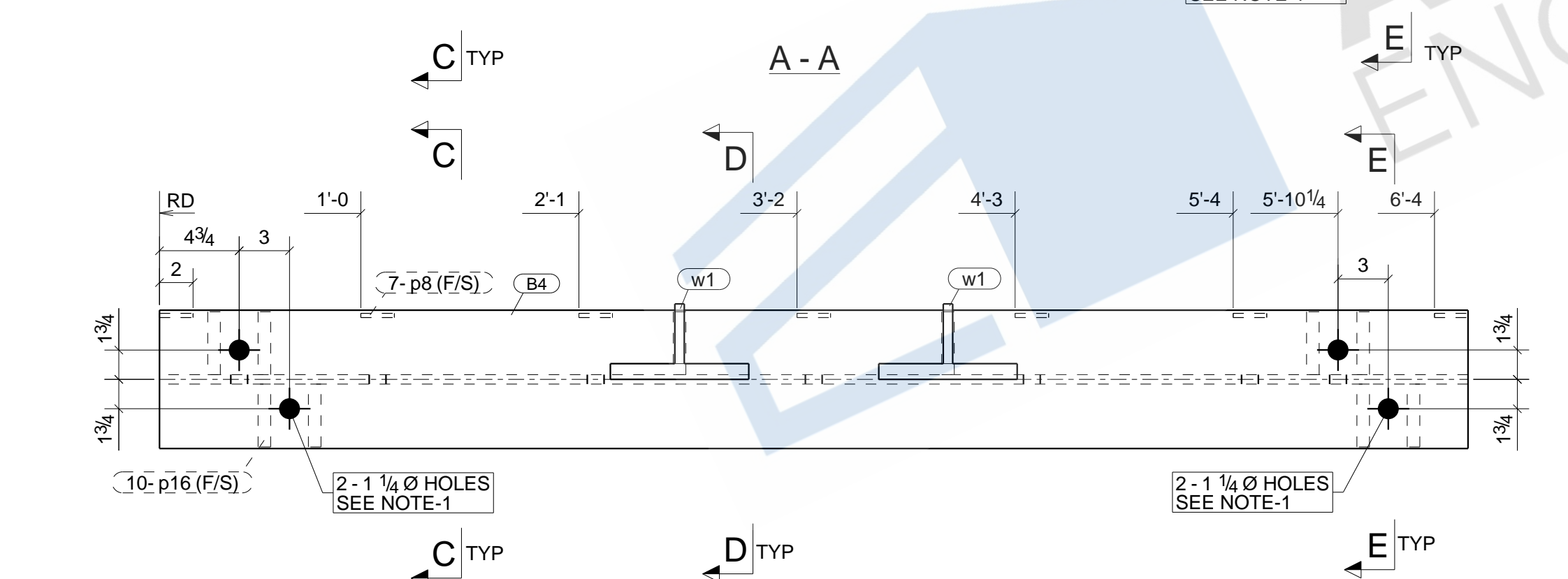
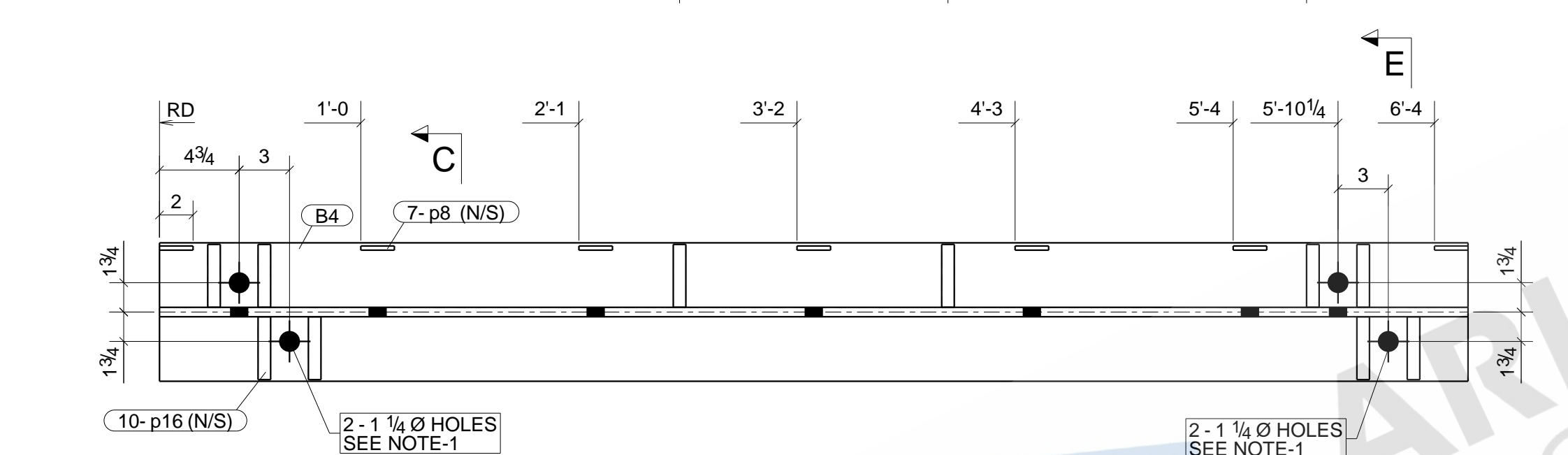
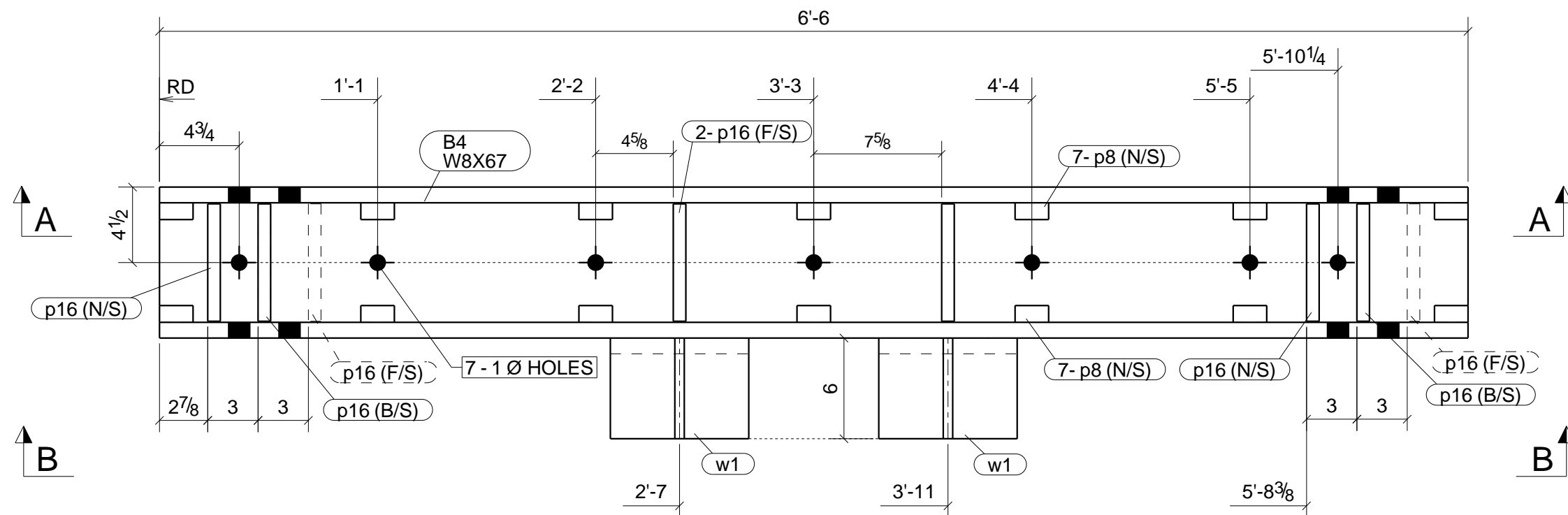
PHASE LEGEND

PHASE 1: SE WALKWAY
PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B3	3	BEAMS			SQ-2
B3	3	W8X31	6'-6"	606	GALV A992
p8	42	PL1/4"X1"	0'-2"	6	A572-50
p10	6	PL1/2"X6 1/2"	0'-6 1/2"	36	A572-50
p16	24	PL3/4"X3 3/4"	0'-7"	126	A572-50
TOTAL WEIGHT THIS DRAWING				774	

ARCHITECT			
ENGINEER			
CONTRACTOR			
PROJECT NAME AND LOCATION			
DESCRIPTION	BEAM		
DRAWN BY	MVK	DATE	12/08/2020
CHECKED BY	NSP	DATE	02/15/2021
REF	SEE REF DWG LIST		
DWG			
JOB No.	34800094		
DRG No.	B3	REV	0



NOTE:

- 1) EXACT LOCATION NEEDS TO BE GIVEN BY THE FIELD BEFORE FABRICATION.
- 2) DO NOT PROVIDE A WELD ACCESS HOLE IN THE WEB PLATE FOR THE CJP WELD OF THE FLANGE. THE WELD OF THE FLANGE DIRECTLY ABOVE THE WEB PLATE SHALL BE INSPECTED AS A PARTIAL PENETRATION WELD, WITH AN EFFECTIVE THROAT EQUAL TO THE THICKNESS OF THE FLANGE. CJP WELD ON OUTER SIDE OF WT FLANGE TO BE FLUSH TO WITHIN OF 1/4" OF W8 FLANGE. GRINDING NOT REQUIRED.

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
MD-000-3500-0513-001 r 0A; IFC 11/20
MD-000-3500-0513-002 r 0A; IFC 09/20
MD-000-3500-0513-003 r 0A; IFC 09/20
MD-000-3500-0513-004 r 0A; IFC 11/20
MD-000-3500-0513-005 r 0B; IFC 11/20
MD-000-3500-0514-001 r 0B; IFC 11/20
MD-000-3500-0514-002 r 0B; IFC 11/20
MD-000-3500-0514-003 r 0B; IFC 11/20
MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-005 r 0; IFC 10/20
MD-000-3500-0515-006 r 0; IFC 10/20
MD-000-3500-0515-007 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-010 r 0; IFC 10/20

PHASE

1	2	3	4	5
1	1	0	0	0

PHASE LEGEND

PHASE 1: SE WALKWAY
PHASE 2: NW WALKWAY

2 - BEAMS - B4

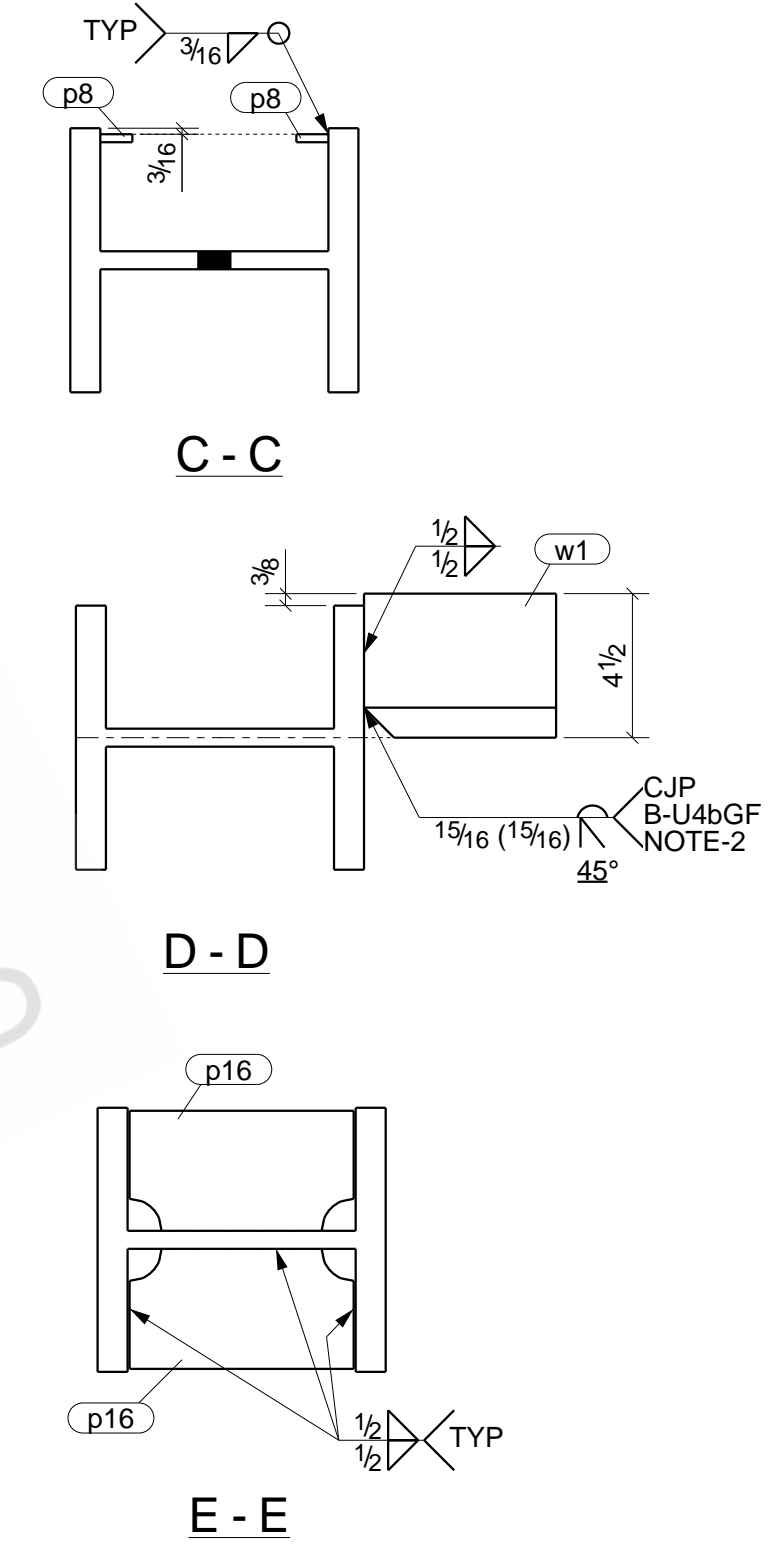
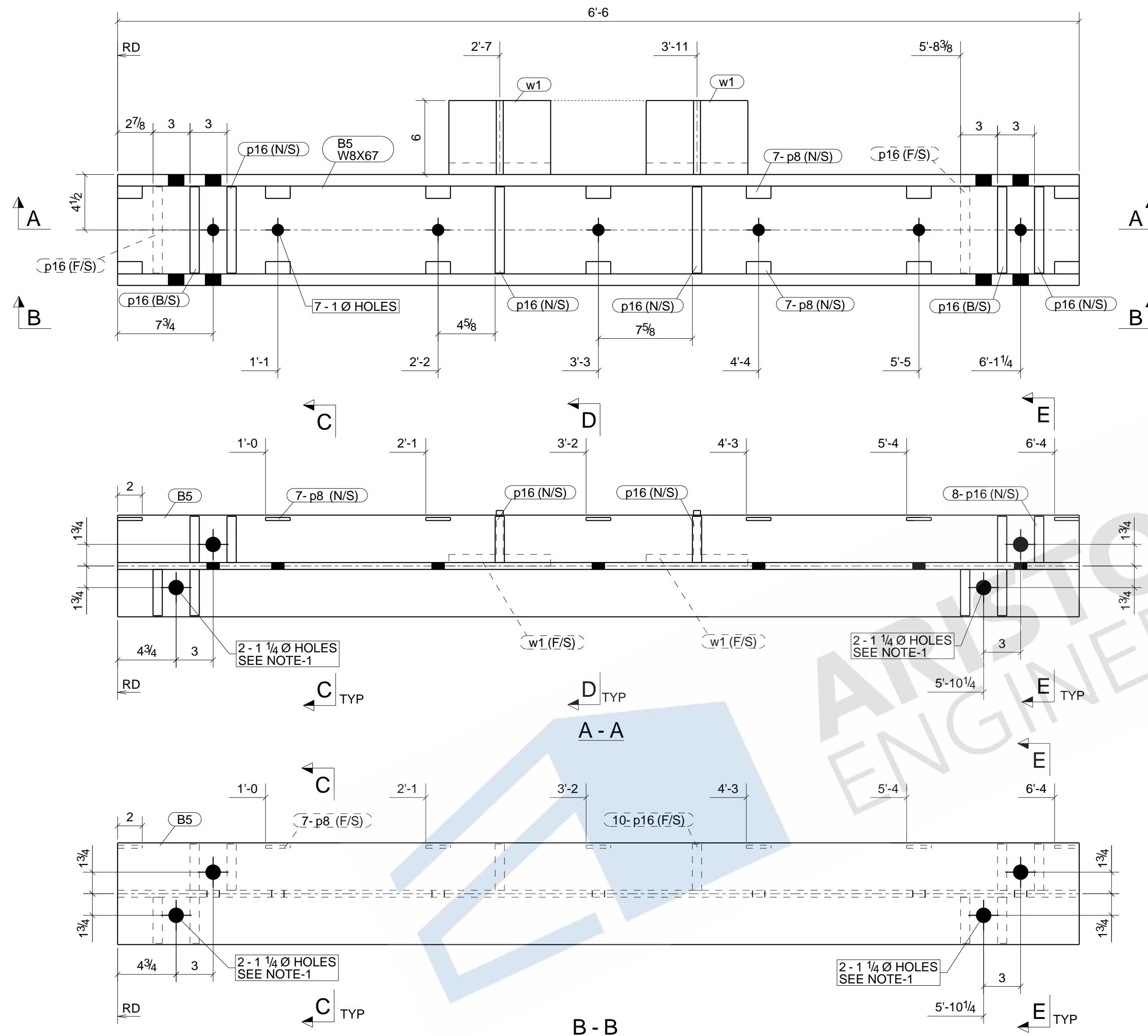
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B4	2	BEAMS			SQ-2
B4	2	W8X67	6'-6"	872	GALV A992
p8	28	PL1/4"X1"	0'-2"	4	A572-50
p16	20	PL3/4"X3 3/4"	0'-7"	105	A572-50
w1	4	WT4X33.5	0'-6"	67	A992
TOTAL WEIGHT THIS DRAWING				1048	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT			
ENGINEER			
CONTRACTOR			
PROJECT NAME AND LOCATION			
DESCRIPTION	BEAM		JOB No. 34800094
DRAWN BY	MVK	DATE 12/08/2020	REF SEE REF DWG LIST
CHECKED BY	NSP	DATE 02/15/2021	DWG
			DRG No. B4
			REV 0



NOTE:
 1) EXACT LOCATION NEEDS TO BE GIVEN BY THE FIELD BEFORE FABRICATION.
 2) DO NOT PROVIDE A WELD ACCESS HOLE IN THE WEB PLATE FOR THE CJP WELD OF THE FLANGE. THE WELD OF THE FLANGE DIRECTLY ABOVE THE WEB PLATE SHALL BE INSPECTED AS A PARTIAL PENETRATION WELD. WITH AN EFFECTIVE THROAT EQUAL TO THE THICKNESS OF THE FLANGE. CJP WELD ON OUTER SIDE OF WT FLANGE TO BE FLUSH TO WITHIN OF 1/4" OF W8 FLANGE. GRINDING NOT REQUIRED.

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
MD-000-3500-0513-001 r 0A; IFC 11/20
MD-000-3500-0513-002 r 0A; IFC 09/20
MD-000-3500-0513-003 r 0A; IFC 09/20
MD-000-3500-0513-004 r 0A; IFC 11/20
MD-000-3500-0513-005 r 0B; IFC 11/20
MD-000-3500-0514-001 r 0B; IFC 11/20
MD-000-3500-0514-002 r 0B; IFC 11/20
MD-000-3500-0514-003 r 0B; IFC 11/20
MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-005 r 0; IFC 10/20
MD-000-3500-0515-006 r 0; IFC 10/20
MD-000-3500-0515-007 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-010 r 0; IFC 10/20

PHASE

1	2	3	4	5
2	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

3 - BEAMS - B5

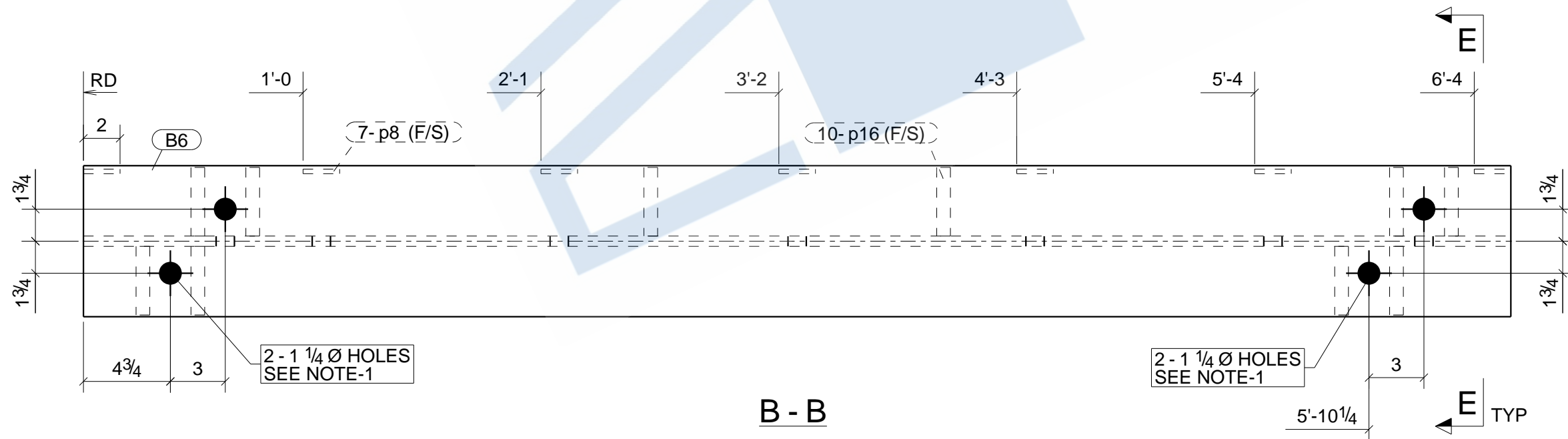
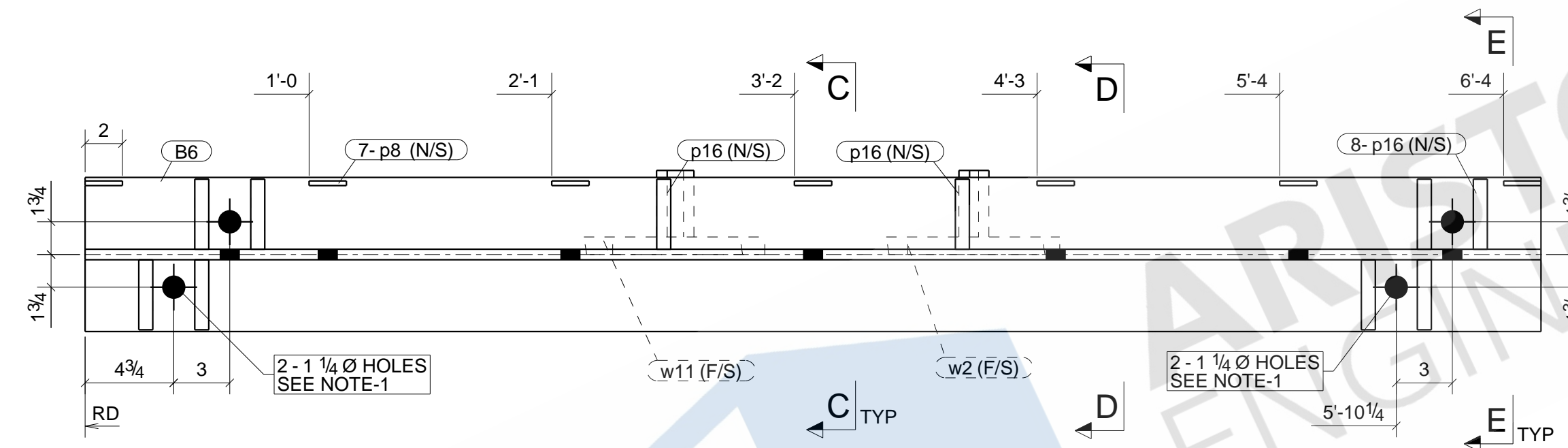
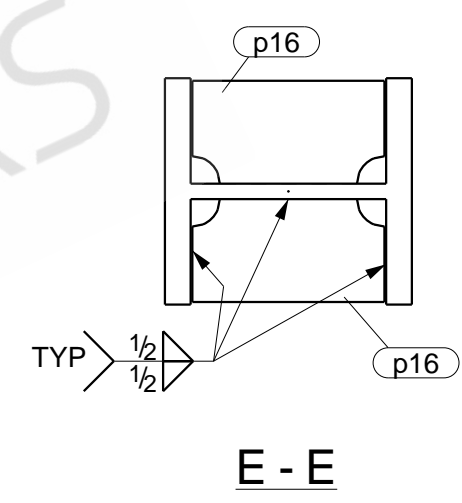
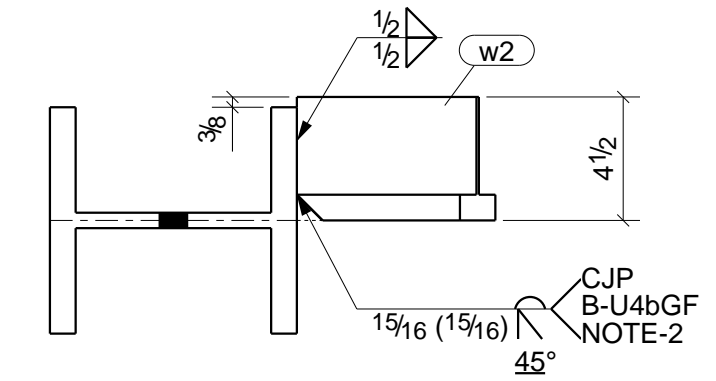
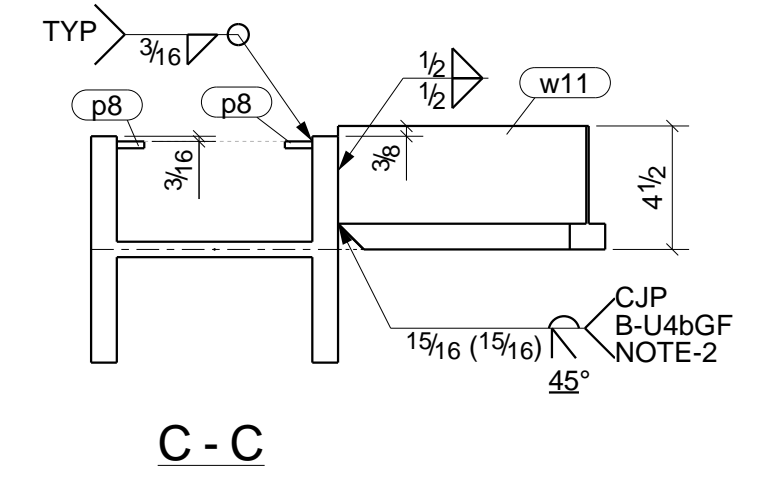
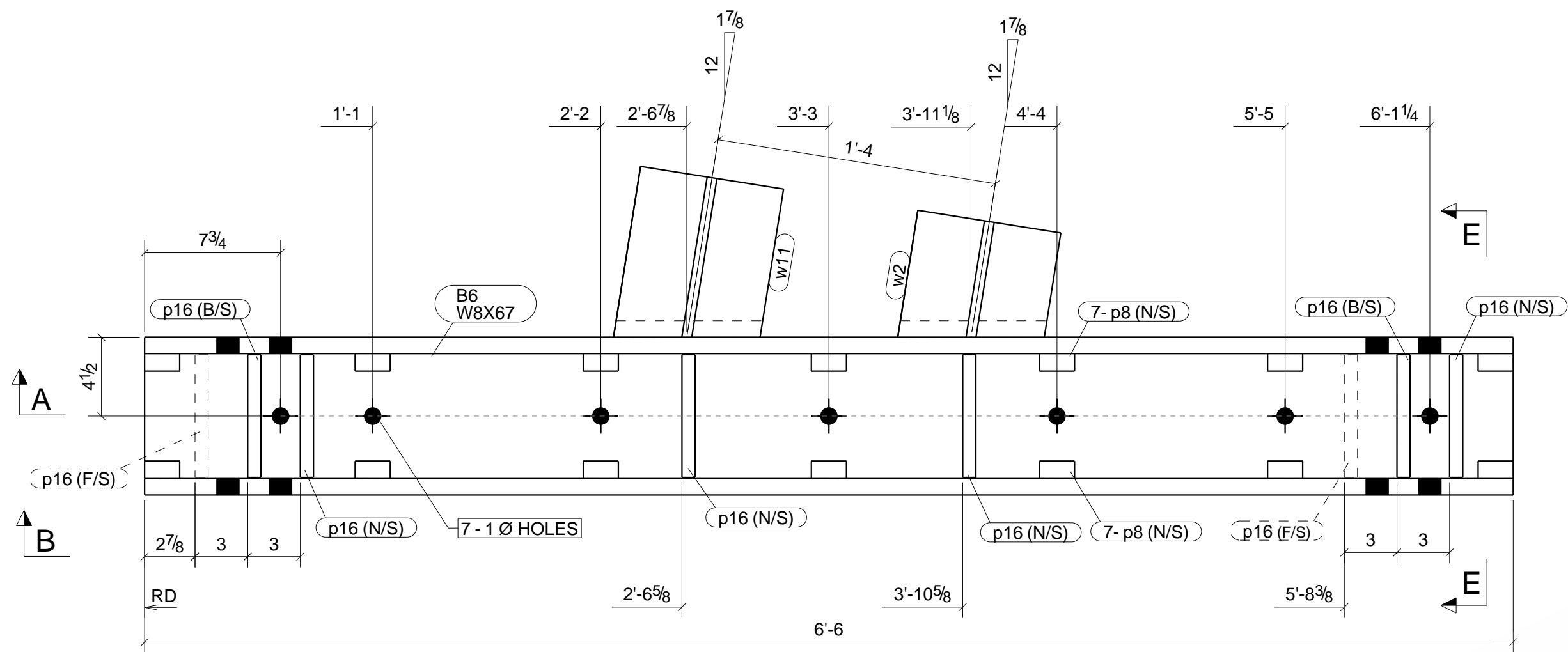
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B5	3	BEAMS			SQ-2
B5	3	W8X67	6'-6"	1307	GALV A992
p8	42	PL1/4"X1"	0'-2"	6	A572-50
p16	30	PL3/4"X3 3/4"	0'-7"	158	A572-50
w1	6	WT4X33.5	0'-6"	100	A992
TOTAL WEIGHT THIS DRAWING				1571	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT		ENGINEER		CONTRACTOR		PROJECT NAME AND LOCATION		DESCRIPTION	BEAM	JOB No. 34800094	
DRAWN BY	MVK	DATE	12/08/2020	REF	SEE REF DWG LIST	DRG No.	B5	CHECKED BY	NSP	REV	0



NOTE:
 1) EXACT LOCATION NEEDS TO BE GIVEN BY THE FIELD BEFORE FABRICATION.
 2) DO NOT PROVIDE A WELD ACCESS HOLE IN THE WEB PLATE FOR THE CJP WELD OF THE FLANGE. THE WELD OF THE FLANGE DIRECTLY ABOVE THE WEB PLATE SHALL BE INSPECTED AS A PARTIAL PENETRATION WELD, WITH AN EFFECTIVE THROAT EQUAL TO THE THICKNESS OF THE FLANGE. CJP WELD ON OUTER SIDE OF WT FLANGE TO BE FLUSH TO WITHIN OF 1/4" OF W8 FLANGE. GRINDING NOT REQUIRED.

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16" Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123				

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

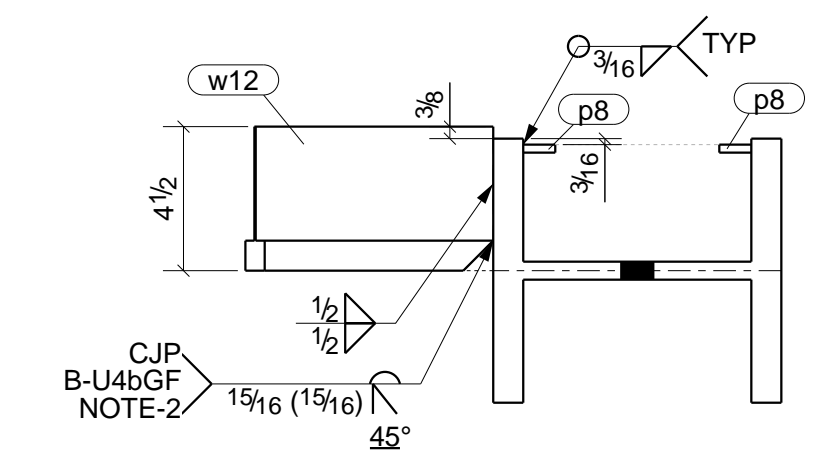
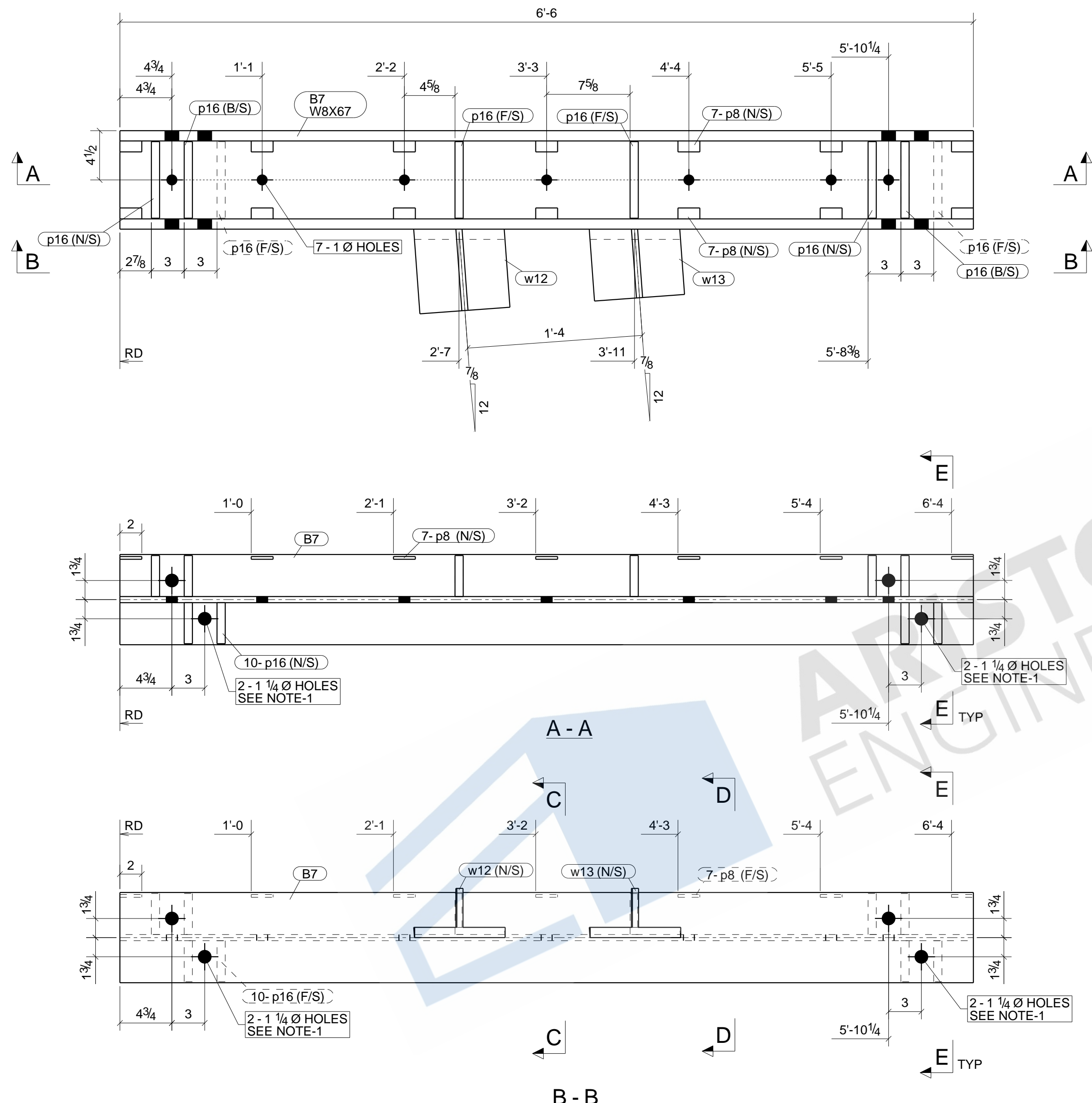
REFERENCE DRAWINGS
 AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
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 MD-000-3500-0515-010 r 0; IFC 10/20

ONE - BEAM - B6

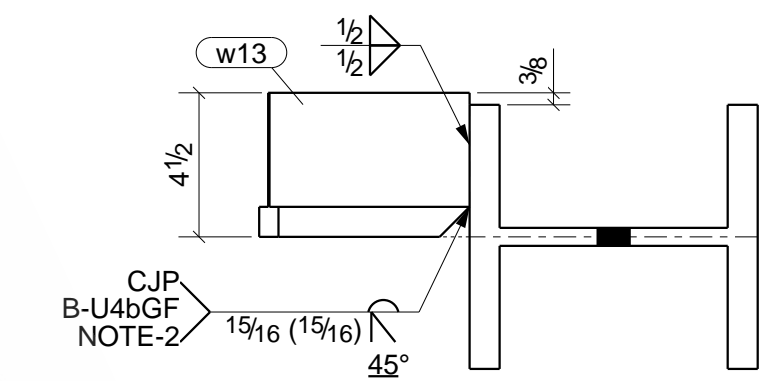
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B6	1	BEAM			SQ-2
B6	1	W8X67	6'-6"	436	GALV A992
p8	14	PL1/4"X1"	0'-2"	2	A572-50
p16	10	PL3/4"X3 3/4"	0'-7"	53	A572-50
w2	1	WT4X33.5	0'-7 5/16"	20	A992
w11	1	WT4X33.5	0'-9 7/8"	28	A992
TOTAL WEIGHT THIS DRAWING				538	

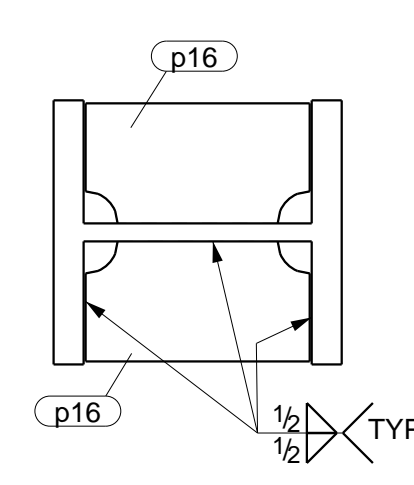
ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION	BEAM			
DRAWN BY	MVK	DATE	12/23/2020	JOB No. 34800094
CHECKED BY	NSP	DATE	03/04/2021	DRG No. B6
REF	SEE REF DWG LIST			REV 0



C - C



D - D



E - E

NOTE:

- EXACT LOCATION NEEDS TO BE GIVEN BY THE FIELD BEFORE FABRICATION.
- DO NOT PROVIDE A WELD ACCESS HOLE IN THE WEB PLATE FOR THE CJP WELD OF THE FLANGE. THE WELD OF THE FLANGE DIRECTLY ABOVE THE WEB PLATE SHALL BE INSPECTED AS A PARTIAL PENETRATION WELD, WITH AN EFFECTIVE THROAT EQUAL TO THE THICKNESS OF THE FLANGE. CJP WELD ON OUTER SIDE OF WT FLANGE TO BE FLUSH TO WITHIN OF 1/4" OF W8 FLANGE. GRINDING NOT REQUIRED.

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16" Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123				

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
PHASE 1: SE WALKWAY
PHASE 2: NW WALKWAY

ONE - BEAM - B7

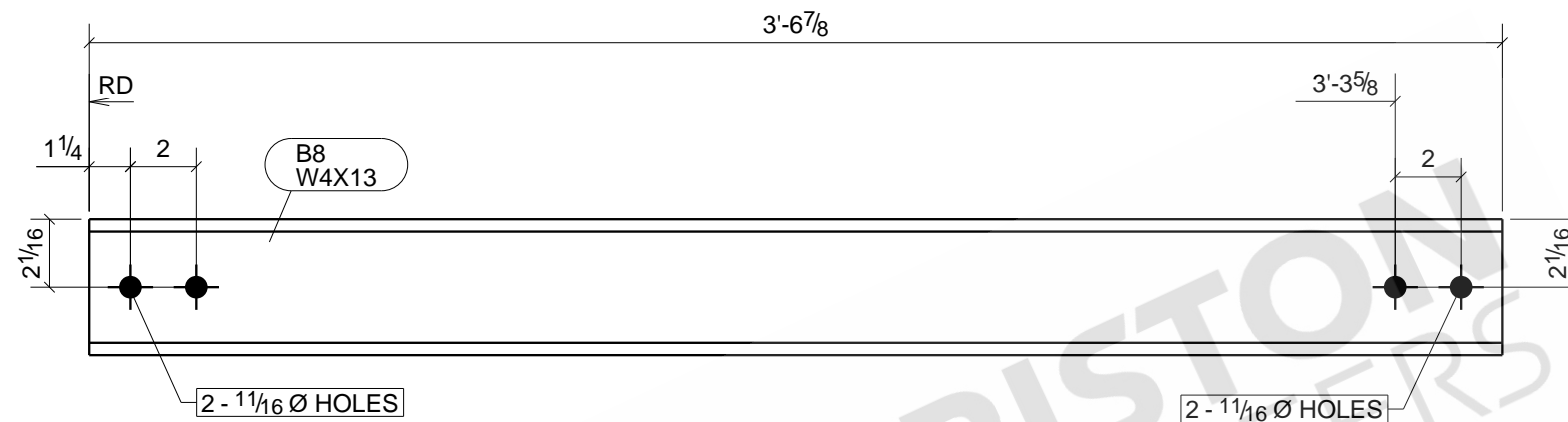
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B7	1	BEAM			SQ-2
B7	1	W8X67	6'-6"	436	GALV A992
p8	14	PL1/4"X1"	0'-2"	2	A572-50
p16	10	PL3/4"X3 3/4"	0'-7"	53	A572-50
w12	1	WT4X33.5	0'-7 3/4"	22	A992
w13	1	WT4X33.5	0'-6 9/16"	18	A992
TOTAL WEIGHT THIS DRAWING				530	

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0;	IFC 7/20/2020-2
AD-000-3500-0324-001 r 0;	IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B;	IFC 11/20
AD-000-3500-0325-001 r 0;	IFC 7/20/2020-5
MD-000-3500-0515-001 r 0;	IFC 10/20
MD-000-3500-0515-002 r 0;	IFC 10/20
MD-000-3500-0515-003 r 0;	IFC 10/20
MD-000-3500-0515-004 r 0;	IFC 10/20
MD-000-3500-0515-005 r 0;	IFC 10/20
MD-000-3500-0515-006 r 0;	IFC 10/20
MD-000-3500-0515-007 r 0;	IFC 10/20
MD-000-3500-0515-008 r 0;	IFC 10/20
MD-000-3500-0515-009 r 0;	IFC 10/20
MD-000-3500-0515-010 r 0;	IFC 10/20

ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION	BEAM			
DRAWN BY	MVK	DATE	12/23/2020	REF SEE REF DWG LIST
CHECKED BY	NSP	DATE	03/04/2021	DWG
				JOB No. 34800094
				DRG No. B7
				REV 0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0;	IFC 7/20/2020-2
AD-000-3500-0324-001 r 0;	IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B;	IFC 11/20
AD-000-3500-0325-001 r 0;	IFC 7/20/2020-5
MD-000-3500-0515-001 r 0;	IFC 10/20
MD-000-3500-0515-002 r 0;	IFC 10/20
MD-000-3500-0515-003 r 0;	IFC 10/20
MD-000-3500-0515-004 r 0;	IFC 10/20
MD-000-3500-0515-005 r 0;	IFC 10/20
MD-000-3500-0515-006 r 0;	IFC 10/20
MD-000-3500-0515-007 r 0;	IFC 10/20
MD-000-3500-0515-008 r 0;	IFC 10/20
MD-000-3500-0515-009 r 0;	IFC 10/20
MD-000-3500-0515-010 r 0;	IFC 10/20

PHASE				
1	2	3	4	5
0	4	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

4 - BEAMS - B8

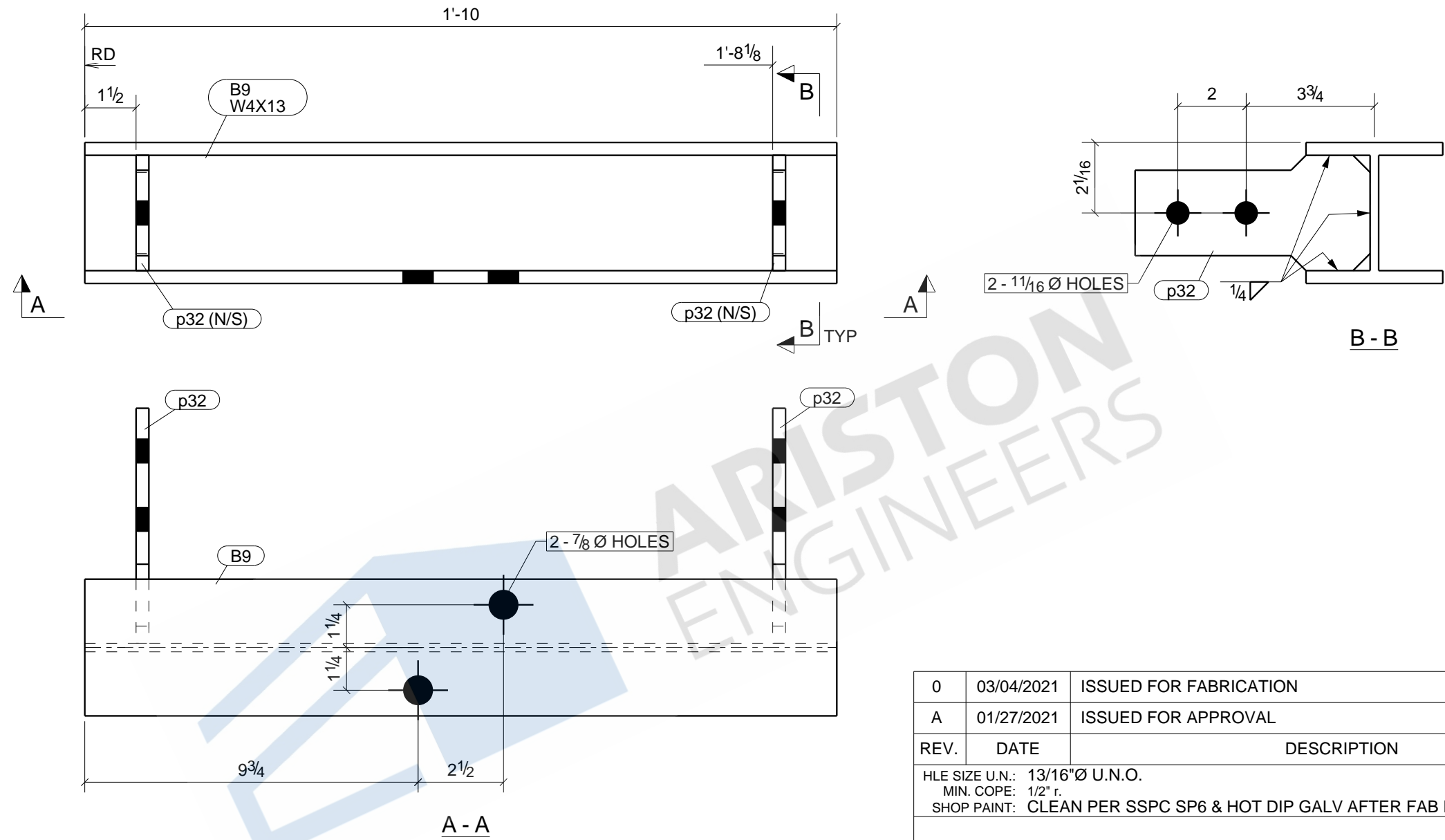
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B8	4	BEAMS			SQ-2
B8	4	W4X13	3'-6 7/8"	186	GALV A992
	16	5/8"Ø A325N GALV BOLT	0'-1 3/4"		Site
TOTAL WEIGHT THIS DRAWING				186	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	BEAM
DRAWN BY	MVK
DATE	12/30/2020
REF	SEE REF DWG LIST
CHECKED BY	NSP
DATE	03/04/2021
DRG No.	B8
REV	0
JOB No.	34800094



- REFERENCE DRAWINGS**
- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 - AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 - AD-000-3500-0324-002 r 0B; IFC 11/20
 - AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 - MD-000-3500-0515-001 r 0; IFC 10/20
 - MD-000-3500-0515-002 r 0; IFC 10/20
 - MD-000-3500-0515-003 r 0; IFC 10/20
 - MD-000-3500-0515-004 r 0; IFC 10/20
 - MD-000-3500-0515-005 r 0; IFC 10/20
 - MD-000-3500-0515-006 r 0; IFC 10/20
 - MD-000-3500-0515-007 r 0; IFC 10/20
 - MD-000-3500-0515-008 r 0; IFC 10/20
 - MD-000-3500-0515-009 r 0; IFC 10/20
 - MD-000-3500-0515-010 r 0; IFC 10/20

PHASE				
1	2	3	4	5
0	2	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

2 - BEAMS - B9

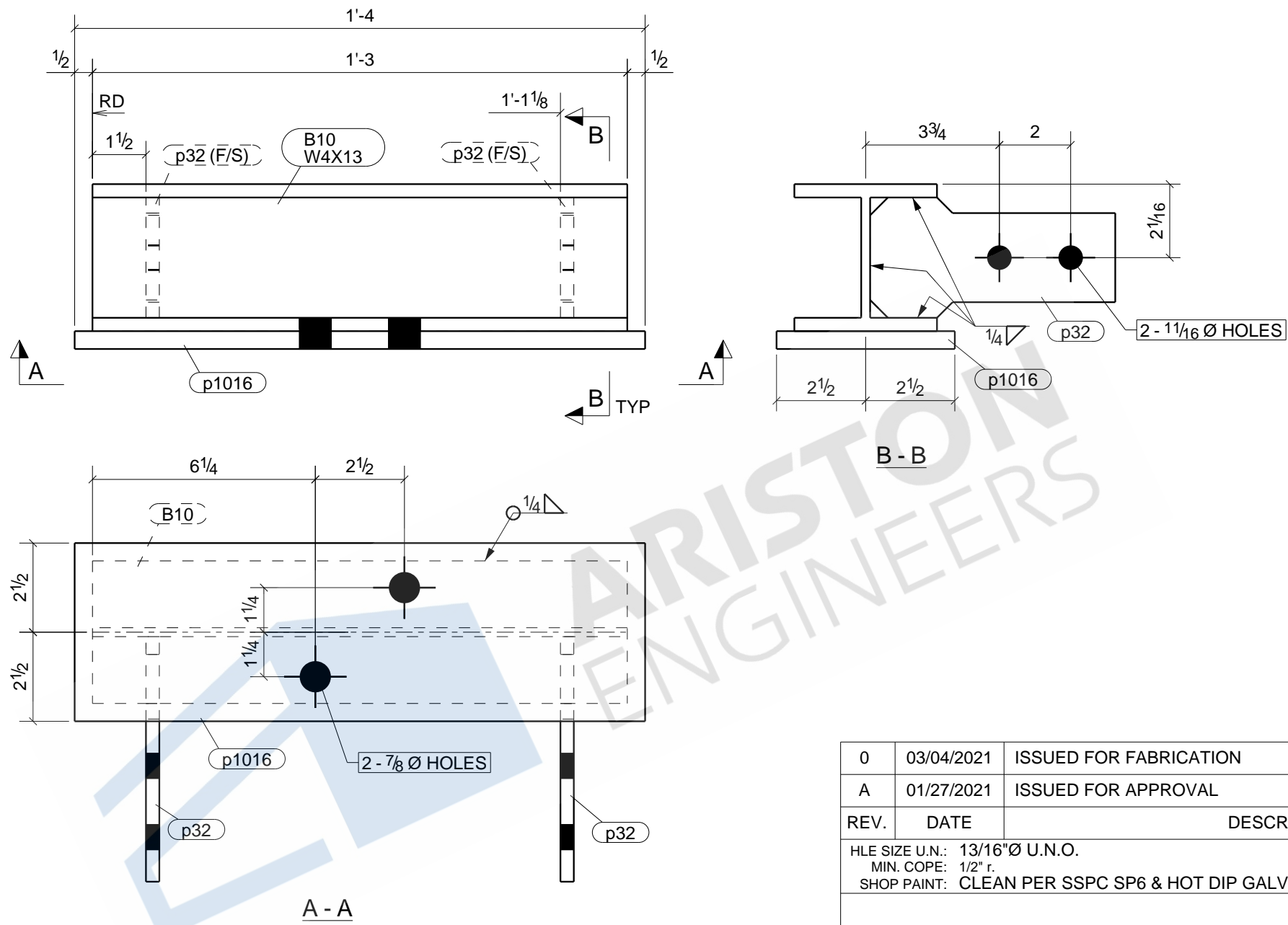
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B9	2	BEAMS			SQ-2
B9	2	W4X13	1'-10"	48	GALV A992
p32	4	PL3/8"X3 3/8"	0'-6 7/8"	8	A36
TOTAL WEIGHT THIS DRAWING				56	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16" Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	BEAM
DRAWN BY	MVK
DATE	12/30/2020
CHECKED BY	NSP
DATE	03/04/2021
REF DWG	SEE REF DWG LIST
JOB No.	34800094
DRG No.	B9
REV	0



REFERENCE DRAWINGS

- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
- AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
- AD-000-3500-0324-002 r 0B; IFC 11/20
- AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
- MD-000-3500-0515-001 r 0; IFC 10/20
- MD-000-3500-0515-002 r 0; IFC 10/20
- MD-000-3500-0515-003 r 0; IFC 10/20
- MD-000-3500-0515-004 r 0; IFC 10/20
- MD-000-3500-0515-005 r 0; IFC 10/20
- MD-000-3500-0515-006 r 0; IFC 10/20
- MD-000-3500-0515-007 r 0; IFC 10/20
- MD-000-3500-0515-008 r 0; IFC 10/20
- MD-000-3500-0515-009 r 0; IFC 10/20
- MD-000-3500-0515-010 r 0; IFC 10/20

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

ONE - BEAM - B10

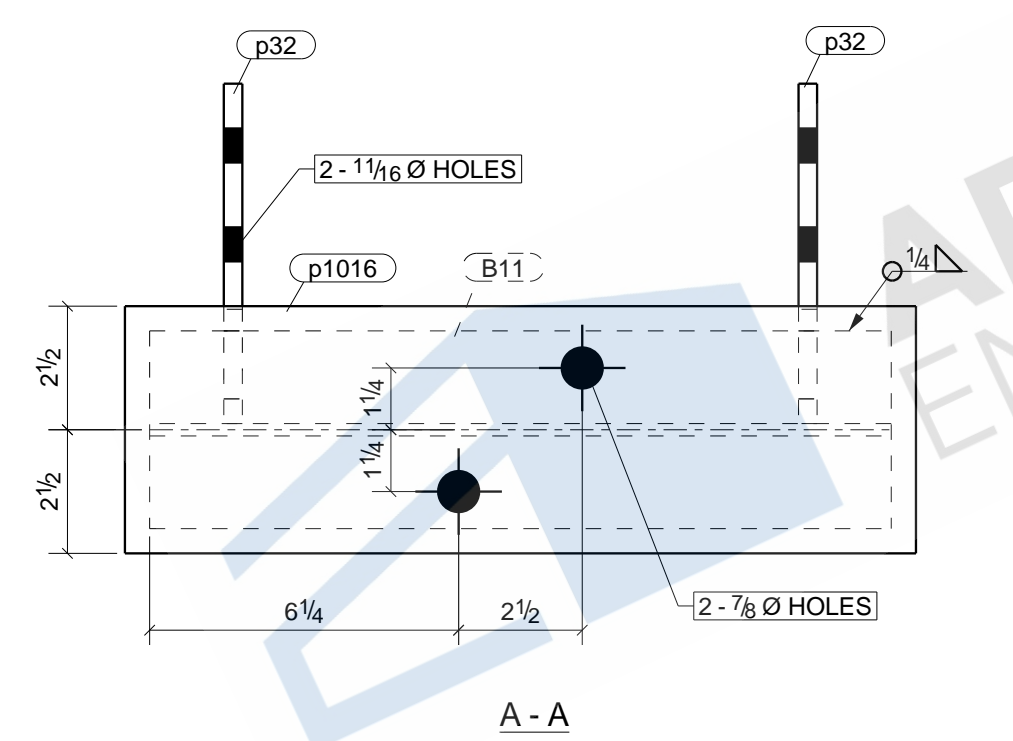
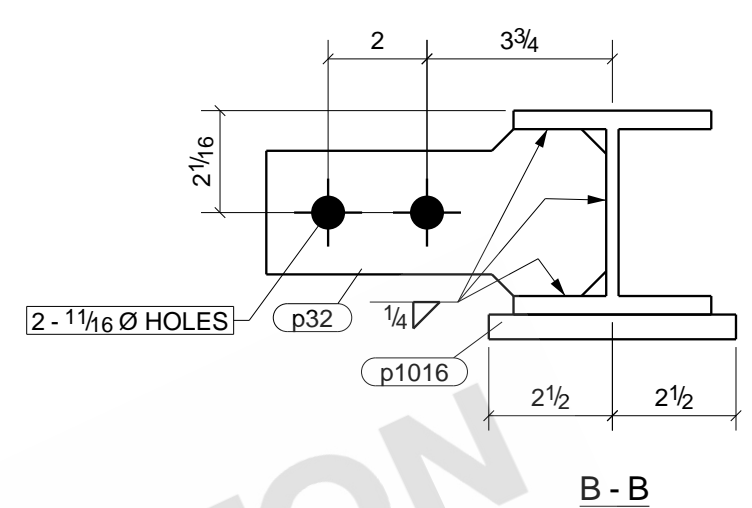
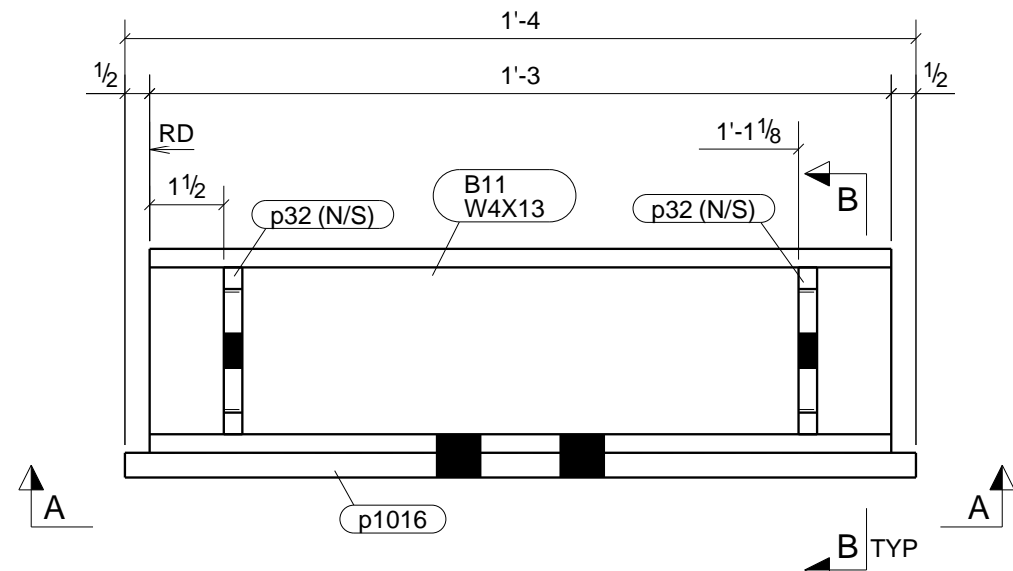
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B10	1	BEAM			SQ-2
B10	1	W4X13	1'-3"	16	GALV A992
p32	2	PL3/8"X3 3/8"	0'-6 7/8"	4	A36
p1016	1	PL1/2"X5"	1'-4"	11	A572-50
TOTAL WEIGHT THIS DRAWING				32	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	BEAM
DRAWN BY	MVK
DATE	12/30/2020
REF	SEE REF DWG LIST
CHECKED BY	NSP
DATE	03/04/2021
DRG No.	B10
REV	0
JOB No.	34800094



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0;	IFC 7/20/2020-2
AD-000-3500-0324-001 r 0;	IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B;	IFC 11/20
AD-000-3500-0325-001 r 0;	IFC 7/20/2020-5
MD-000-3500-0515-001 r 0;	IFC 10/20
MD-000-3500-0515-002 r 0;	IFC 10/20
MD-000-3500-0515-003 r 0;	IFC 10/20
MD-000-3500-0515-004 r 0;	IFC 10/20
MD-000-3500-0515-005 r 0;	IFC 10/20
MD-000-3500-0515-006 r 0;	IFC 10/20
MD-000-3500-0515-007 r 0;	IFC 10/20
MD-000-3500-0515-008 r 0;	IFC 10/20
MD-000-3500-0515-009 r 0;	IFC 10/20
MD-000-3500-0515-010 r 0;	IFC 10/20

PHASE				
1	2	3	4	5
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PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

ONE - BEAM - B11

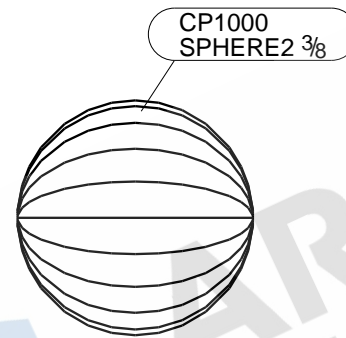
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B11	1	BEAM			SQ-2
B11	1	W4X13	1'-3"	16	GALV A992
p32	2	PL3/8"X3 3/8"	0'-6 7/8"	4	A36
p1016	1	PL1/2"X5"	1'-4"	11	A572-50
TOTAL WEIGHT THIS DRAWING				32	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	BEAM
DRAWN BY	MVK
DATE	12/30/2020
CHECKED BY	NSP
DATE	03/04/2021
REF DWG	SEE REF DWG LIST
JOB No.	34800094
DRG No.	B11
REV	0



ARISTON ENGINEERS

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/25/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT:

PHASE				
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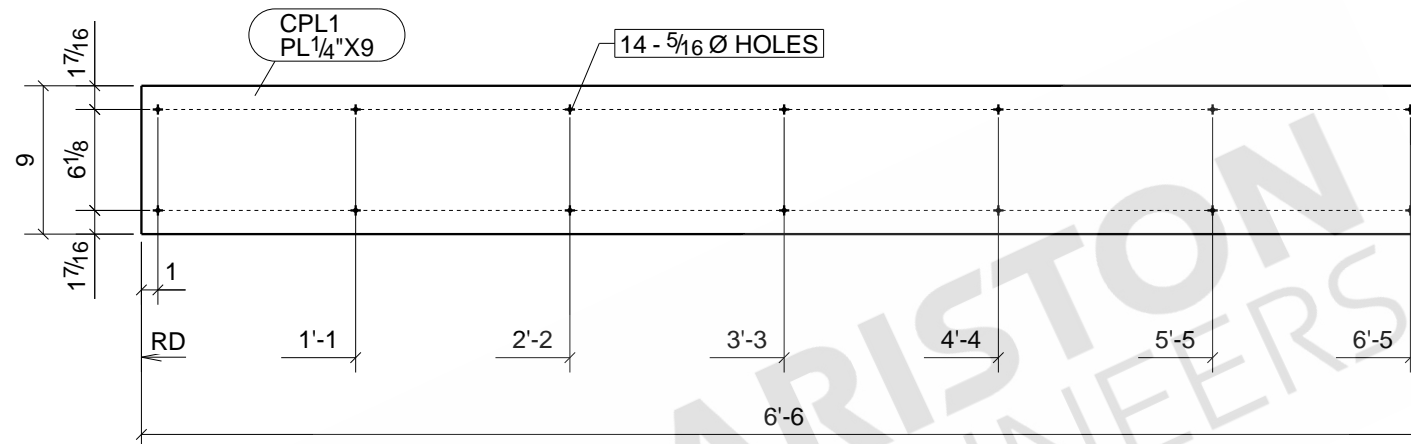
16 - END CAPS - CP1000

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
CP1000	16	END CAPS			SQ-2
CP1000	16	WAG#3221		15	A36
TOTAL WEIGHT THIS DRAWING				15	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	END CAP
DRAWN BY	MVK
DATE	01/23/2021
CHECKED BY	NSP
DATE	02/15/2021
REF	SEE REF DWG LIST
DWG	
JOB No. 34800094	
DRG No.	CP1000
REV	0



REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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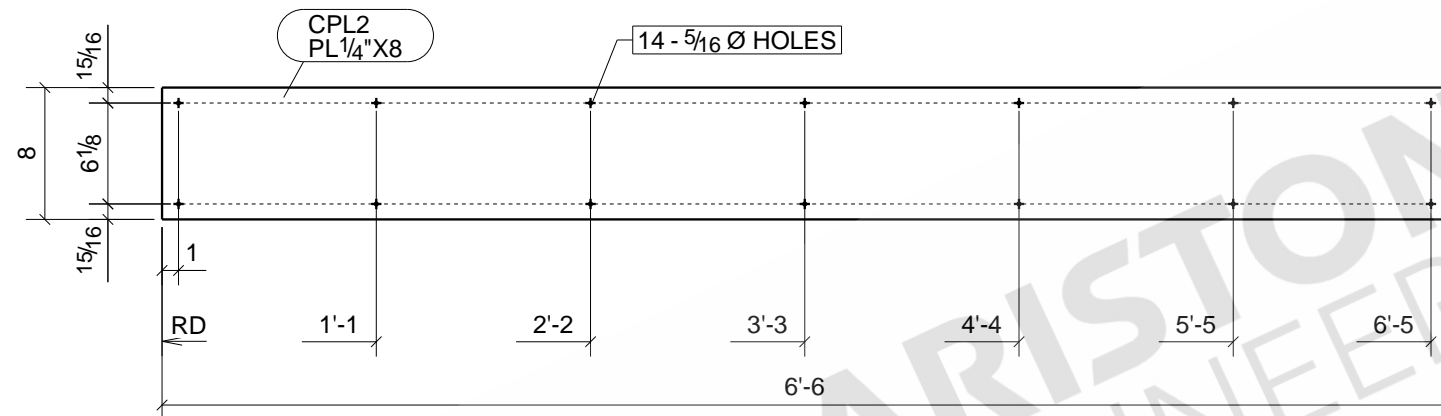
7 - COVER PLATES - CPL1

PHASE LEGEND	
PHASE 1:	SE WALKWAY
PHASE 2:	NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
CPL1	7	COVER PLATES			SQ-2
CPL1	7	PL1/4"X9"	6'-6"	348	GALV A572-50
	98	1/4"Ø 1/4-28X1"1/4 GAL TRX FH	0'-1 1/2"		Site
TOTAL WEIGHT THIS DRAWING				348	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	COVER PLATE
DRAWN BY	MVK
DATE	12/08/2020
CHECKED BY	NSP
DATE	02/15/2021
REF DWG	SEE REF DWG LIST
JOB No.	34800094
DRG No.	CPL1
REV	0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
 MD-000-3500-0513-001 r 0A; IFC 11/20
 MD-000-3500-0513-002 r 0A; IFC 09/20
 MD-000-3500-0513-003 r 0A; IFC 09/20
 MD-000-3500-0513-004 r 0A; IFC 11/20
 MD-000-3500-0513-005 r 0B; IFC 11/20
 MD-000-3500-0514-001 r 0B; IFC 11/20
 MD-000-3500-0514-002 r 0B; IFC 11/20
 MD-000-3500-0514-003 r 0B; IFC 11/20
 MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
 MD-000-3500-0515-009 r 0; IFC 10/20
 MD-000-3500-0515-010 r 0; IFC 10/20

0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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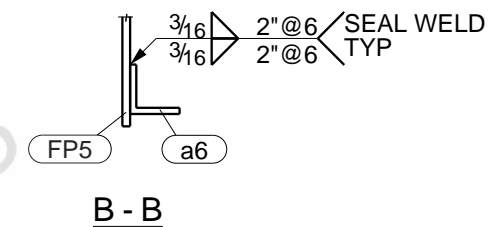
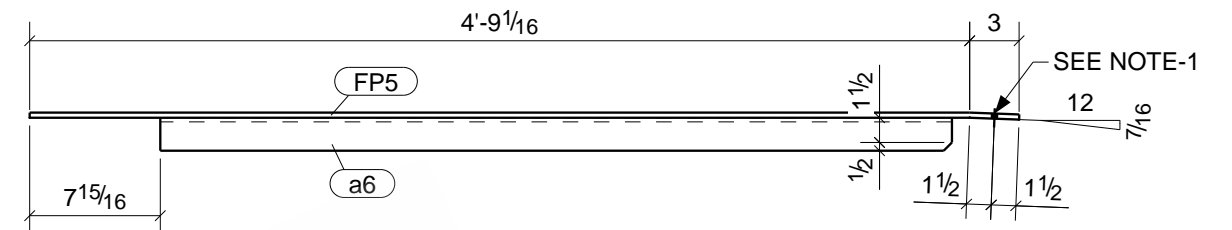
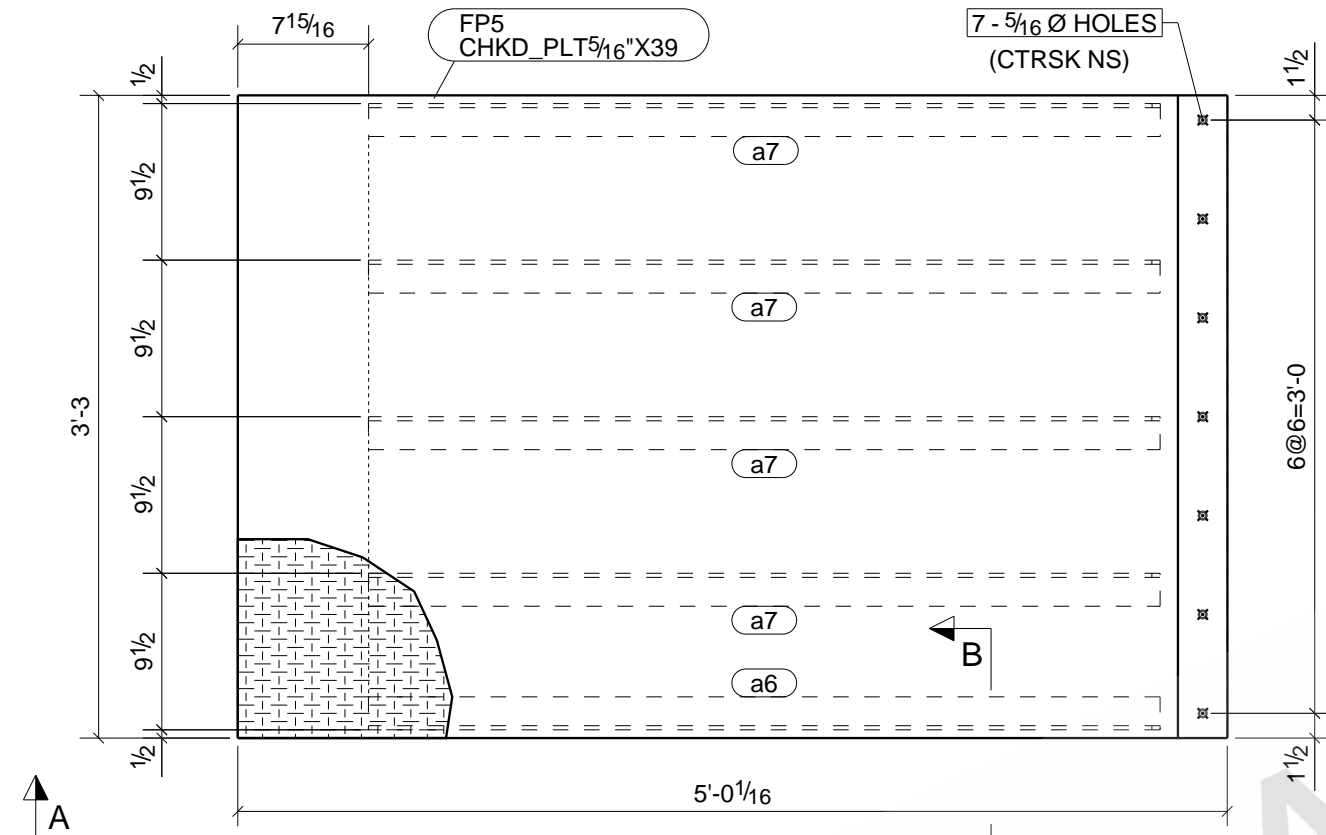
PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

6 - COVER PLATES - CPL2

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
CPL2	6	COVER PLATES			SQ-2
CPL2	6	PL1/4"X8"	6'-6"	265	GALV A572-50
	84	1/4"Ø 1/4-28X1"1/4 GAL TRX FH	0'-1 1/2"		Site
TOTAL WEIGHT THIS DRAWING				265	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	COVER PLATE
DRAWN BY	MVK
DATE	12/08/2020
CHECKED BY	NSP
DATE	02/15/2021
REF	SEE REF DWG LIST
DWG	
JOB No. 34800094	
DRG No.	CPL2
REV	0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0;	IFC 7/20/2020-2
AD-000-3500-0324-001 r 0;	IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B;	IFC 11/20
AD-000-3500-0325-001 r 0;	IFC 7/20/2020-5
MD-000-3500-0515-001 r 0;	IFC 10/20
MD-000-3500-0515-002 r 0;	IFC 10/20
MD-000-3500-0515-003 r 0;	IFC 10/20
MD-000-3500-0515-004 r 0;	IFC 10/20
MD-000-3500-0515-005 r 0;	IFC 10/20
MD-000-3500-0515-006 r 0;	IFC 10/20
MD-000-3500-0515-007 r 0;	IFC 10/20
MD-000-3500-0515-008 r 0;	IFC 10/20
MD-000-3500-0515-009 r 0;	IFC 10/20
MD-000-3500-0515-010 r 0;	IFC 10/20

- BOLT NOTES:**
1. fb PART ~ p1011 TO BE MATCH-TAPPED AFTER GALVNIZING TO CHK'D PL MK~ FP5 & TAPPED 1/4"-28 TO 1" DEEP
 2. SCREWS TO BE 1/4"-28 GALV (CARBON STEEL) CTRSK TORX FH SCREWS X 1" LG (7 REQ'D THIS ASSY)

ONE - FLOOR PLATE - FP5

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND

PHASE 1: SE WALKWAY
PHASE 2: NW WALKWAY

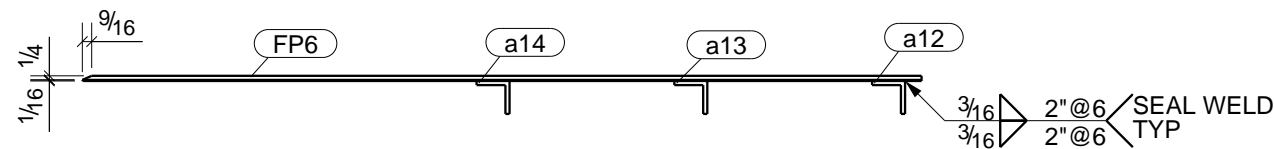
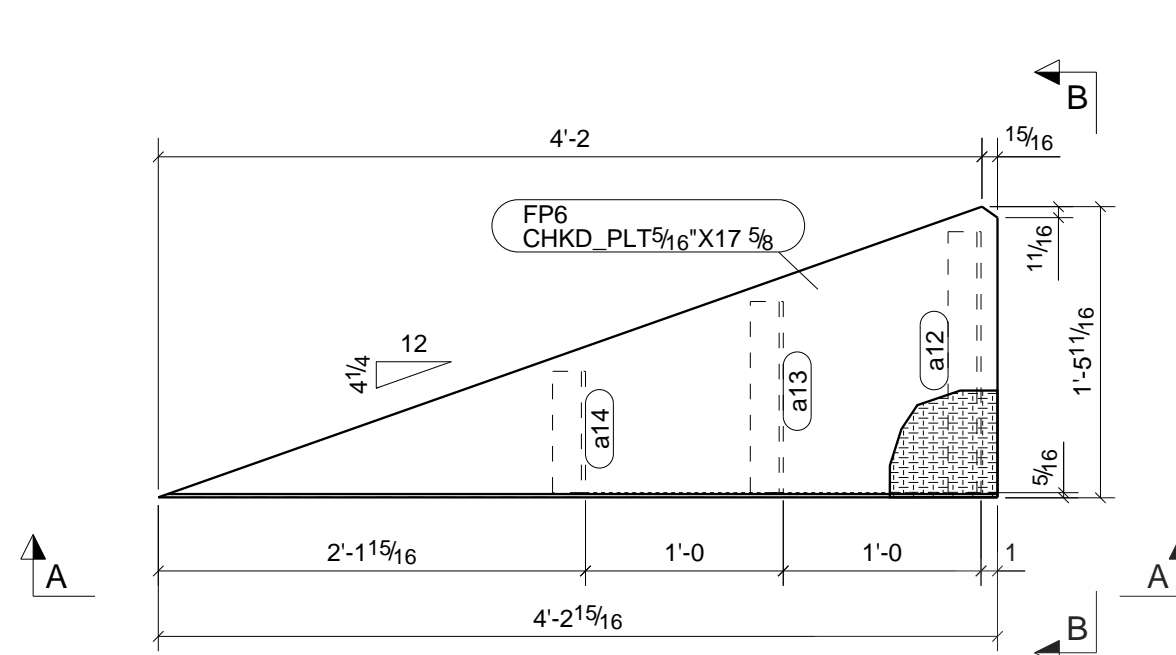
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
FP5	1	FLOOR PLATE			BEV-2
FP5	1	CHKD_PLT 5/16" X 39"	5'-0 1/16"	208	GALV A36
a6	1	L2X2X1/4	4'-0 1/16"	13	A36
a7	4	L2X2X1/4	4'-0 1/16"	51	A36
	7	1/4"Ø 1/4-28 GALV TORX FH SCREW	0'-1"		Site
TOTAL WEIGHT THIS DRAWING				272	

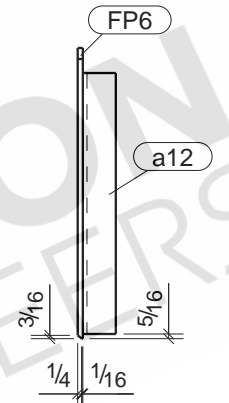
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A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	FLOOR PLATE
DRAWN BY	MVK DATE 12/30/2020
CHECKED BY	NSP DATE 03/04/2021
REF	SEE REF DWG LIST
JOB No. 34800094	
DRG No. FP5	REV 0



A - A



B - B

REFERENCE DRAWINGS

- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
- AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
- AD-000-3500-0324-002 r 0B; IFC 11/20
- AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
- MD-000-3500-0515-001 r 0; IFC 10/20
- MD-000-3500-0515-002 r 0; IFC 10/20
- MD-000-3500-0515-003 r 0; IFC 10/20
- MD-000-3500-0515-004 r 0; IFC 10/20
- MD-000-3500-0515-005 r 0; IFC 10/20
- MD-000-3500-0515-006 r 0; IFC 10/20
- MD-000-3500-0515-007 r 0; IFC 10/20
- MD-000-3500-0515-008 r 0; IFC 10/20
- MD-000-3500-0515-009 r 0; IFC 10/20
- MD-000-3500-0515-010 r 0; IFC 10/20



2 - FLOOR PLATES - FP6

PHASE				
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PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

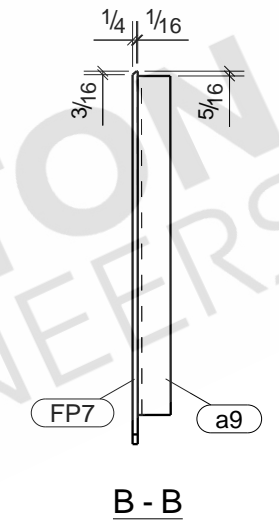
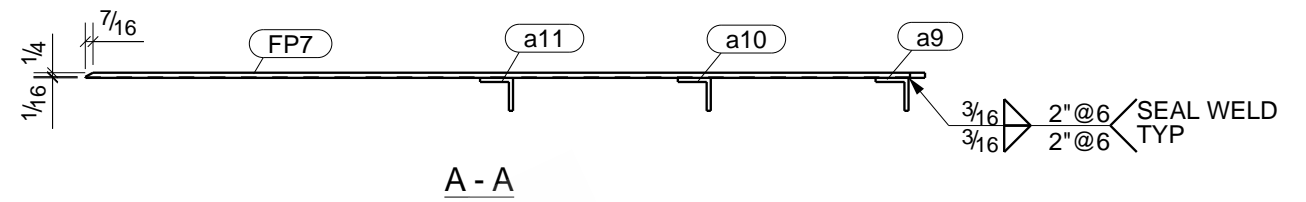
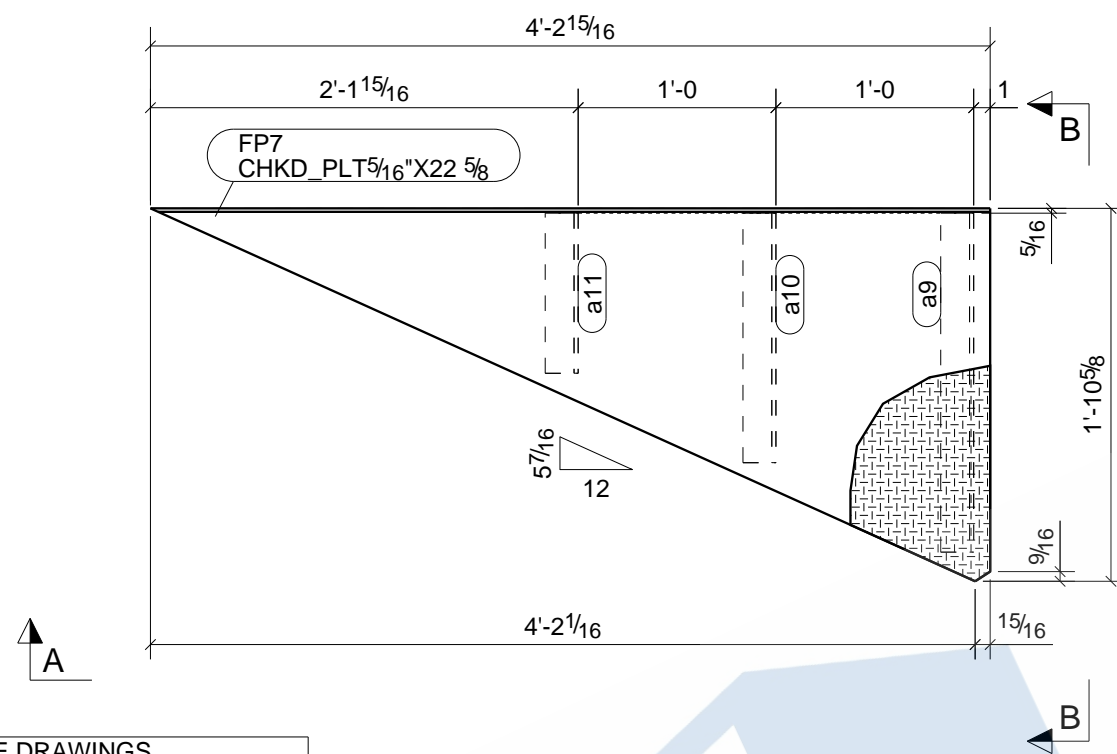
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
FP6	2	FLOOR PLATES			SQ-1/BEV-1
FP6	2	CHKD_PLT 5/16" X 17 5/8"	4'-2 15/16"	80	GALV A36
a12	2	L2X2X1/4	1'-3 13/16"	8	A36
a13	2	L2X2X1/4	0'-11 5/8"	6	A36
a14	2	L2X2X1/4	0'-7 3/8"	4	A36
TOTAL WEIGHT THIS DRAWING				99	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16" Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	FLOOR PLATE
DRAWN BY	MVK DATE 12/29/2020
CHECKED BY	NSP DATE 03/04/2021
REF DWG	SEE REF DWG LIST
JOB No. 34800094	
DRG No.	FP6
REV	0



- REFERENCE DRAWINGS**
- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 - AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 - AD-000-3500-0324-002 r 0B; IFC 11/20
 - AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 - MD-000-3500-0515-001 r 0; IFC 10/20
 - MD-000-3500-0515-002 r 0; IFC 10/20
 - MD-000-3500-0515-003 r 0; IFC 10/20
 - MD-000-3500-0515-004 r 0; IFC 10/20
 - MD-000-3500-0515-005 r 0; IFC 10/20
 - MD-000-3500-0515-006 r 0; IFC 10/20
 - MD-000-3500-0515-007 r 0; IFC 10/20
 - MD-000-3500-0515-008 r 0; IFC 10/20
 - MD-000-3500-0515-009 r 0; IFC 10/20
 - MD-000-3500-0515-010 r 0; IFC 10/20

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

ONE - FLOOR PLATE - FP7

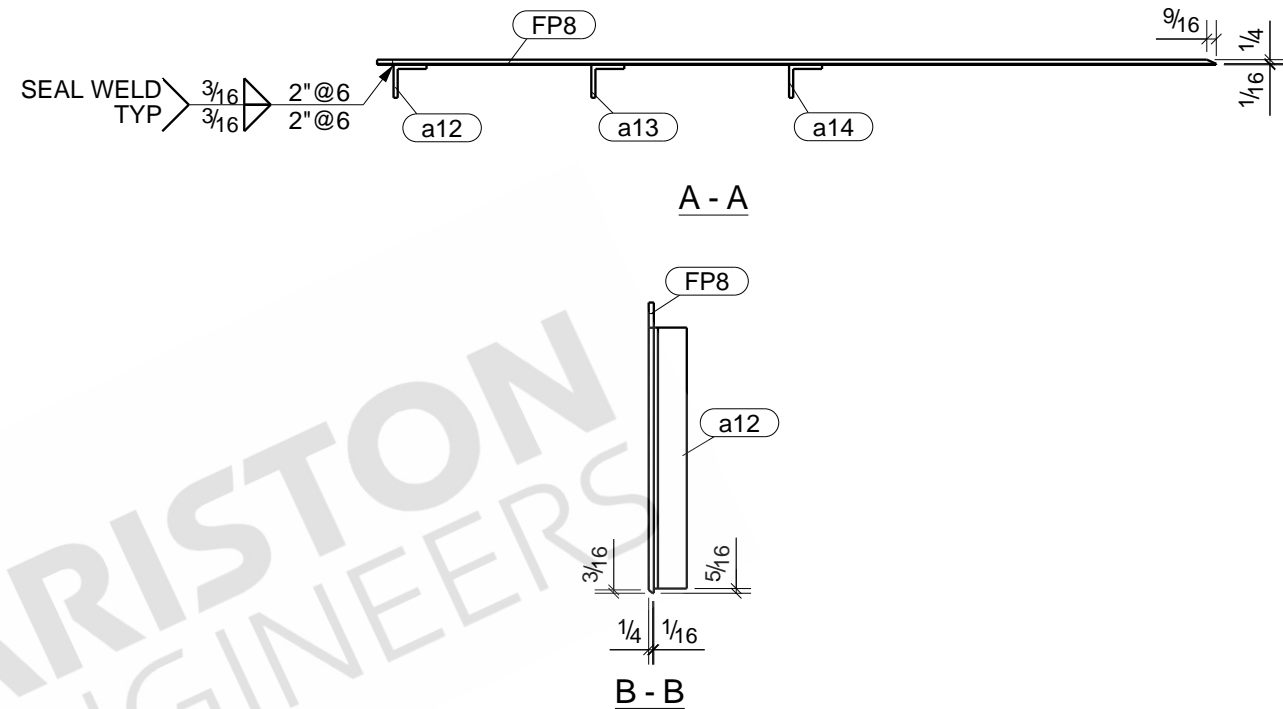
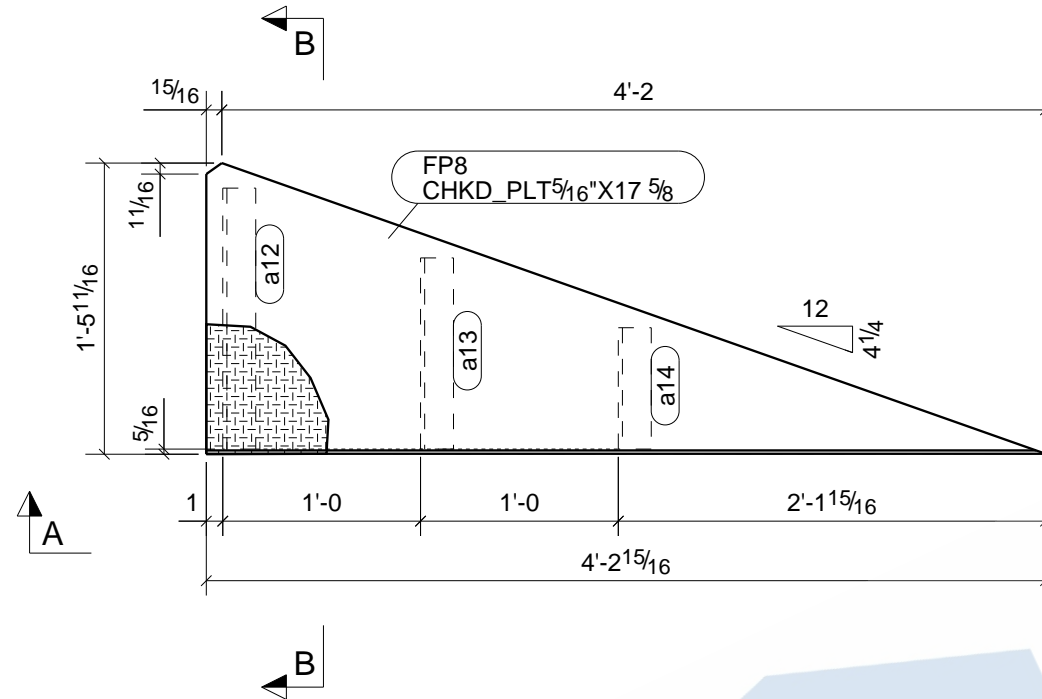
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
FP7	1	FLOOR PLATE			SQ-1/BEV-1
FP7	1	CHKD_PLT 5/16" X 22 5/8"	4'-2 15/16"	52	GALV A36
a9	1	L2X2X1/4	1'-8 9/16"	6	A36
a10	1	L2X2X1/4	1'-3 1/8"	4	A36
a11	1	L2X2X1/4	0'-9 11/16"	3	A36
TOTAL WEIGHT THIS DRAWING				64	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16" Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	FLOOR PLATE
DRAWN BY	MVK
DATE	12/29/2020
REF DWG	SEE REF DWG LIST
CHECKED BY	NSP
DATE	03/04/2021
JOB No.	34800094
DRG No.	FP7
REV	0



- REFERENCE DRAWINGS**
- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 - AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 - AD-000-3500-0324-002 r 0B; IFC 11/20
 - AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 - MD-000-3500-0515-001 r 0; IFC 10/20
 - MD-000-3500-0515-002 r 0; IFC 10/20
 - MD-000-3500-0515-003 r 0; IFC 10/20
 - MD-000-3500-0515-004 r 0; IFC 10/20
 - MD-000-3500-0515-005 r 0; IFC 10/20
 - MD-000-3500-0515-006 r 0; IFC 10/20
 - MD-000-3500-0515-007 r 0; IFC 10/20
 - MD-000-3500-0515-008 r 0; IFC 10/20
 - MD-000-3500-0515-009 r 0; IFC 10/20
 - MD-000-3500-0515-010 r 0; IFC 10/20

ONE - FLOOR PLATE - FP8

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

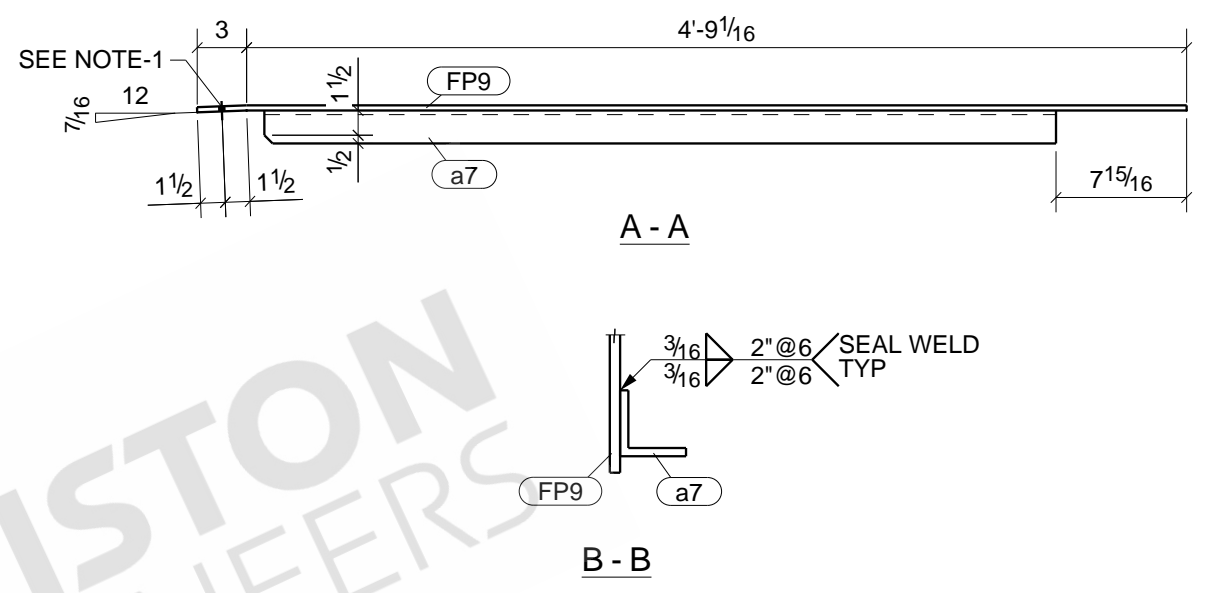
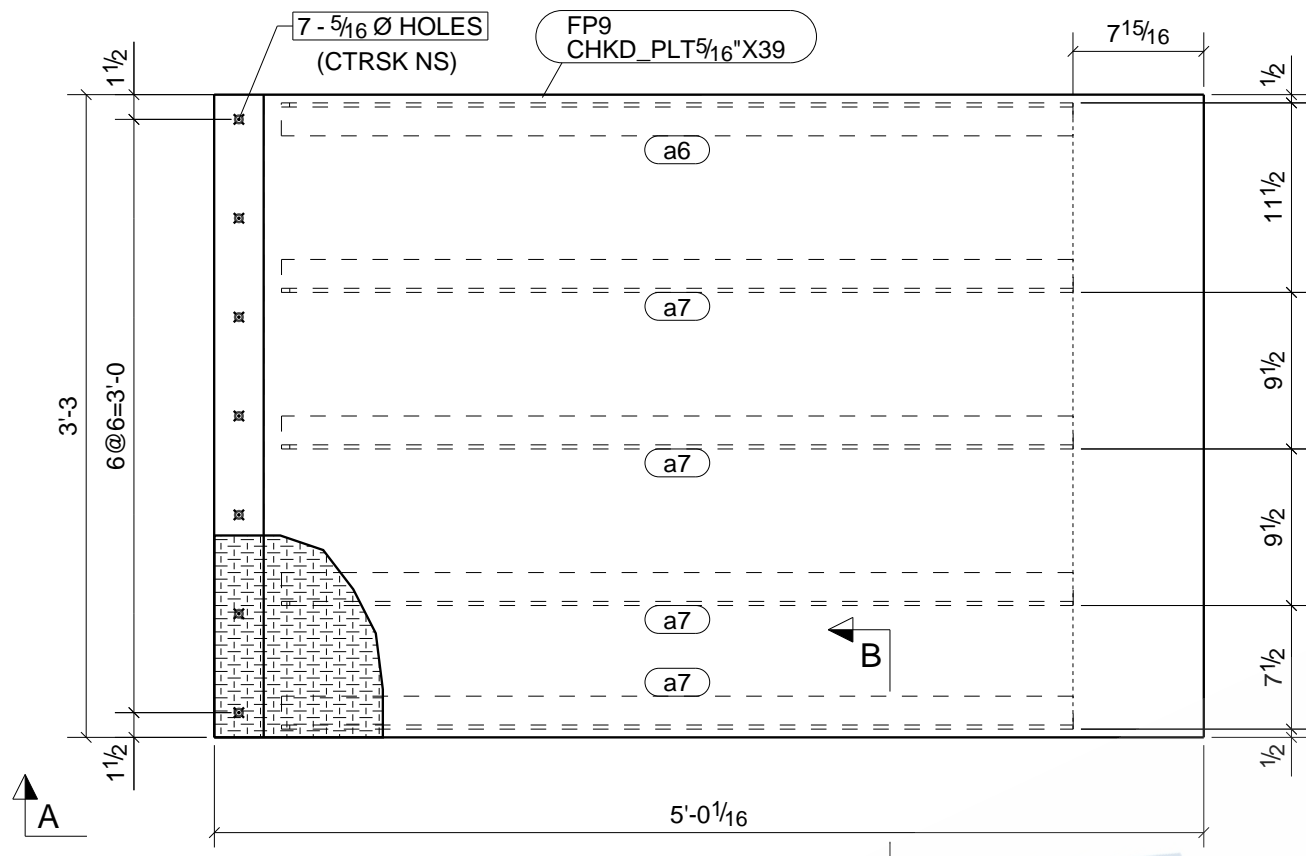
REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
FP8	1	FLOOR PLATE			SQ-1/BEV-1
FP8	1	CHKD_PLT5/16"X17 5/8"	4'-2 15/16"	40	GALV A36
a12	1	L2X2X1/4	1'-3 13/16"	4	A36
a13	1	L2X2X1/4	0'-11 5/8"	3	A36
a14	1	L2X2X1/4	0'-7 3/8"	2	A36
TOTAL WEIGHT THIS DRAWING				49	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	FLOOR PLATE
DRAWN BY	MVK DATE 12/29/2020
CHECKED BY	NSP DATE 03/04/2021
REF DWG	SEE REF DWG LIST
JOB No. 34800094	
DRG No.	REV
FP8	0



- REFERENCE DRAWINGS**
- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 - AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 - AD-000-3500-0324-002 r 0B; IFC 11/20
 - AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 - MD-000-3500-0515-001 r 0; IFC 10/20
 - MD-000-3500-0515-002 r 0; IFC 10/20
 - MD-000-3500-0515-003 r 0; IFC 10/20
 - MD-000-3500-0515-004 r 0; IFC 10/20
 - MD-000-3500-0515-005 r 0; IFC 10/20
 - MD-000-3500-0515-006 r 0; IFC 10/20
 - MD-000-3500-0515-007 r 0; IFC 10/20
 - MD-000-3500-0515-008 r 0; IFC 10/20
 - MD-000-3500-0515-009 r 0; IFC 10/20
 - MD-000-3500-0515-010 r 0; IFC 10/20

- BOLT NOTES:**
1. fb PART ~ p1011 TO BE MATCH-TAPPED AFTER GALVNIZING TO CHK'D PL MK~ FP9 & TAPPED 1/4-28 TO 1" DEEP
 2. SCREWS TO BE 1/4-28 GALV (CARBON STEEL) CTRSK TORX FH SCREWS X 1" LG (7 REQ'D THIS ASSY)

ONE - FLOOR PLATE - FP9

PHASE				
1	2	3	4	5
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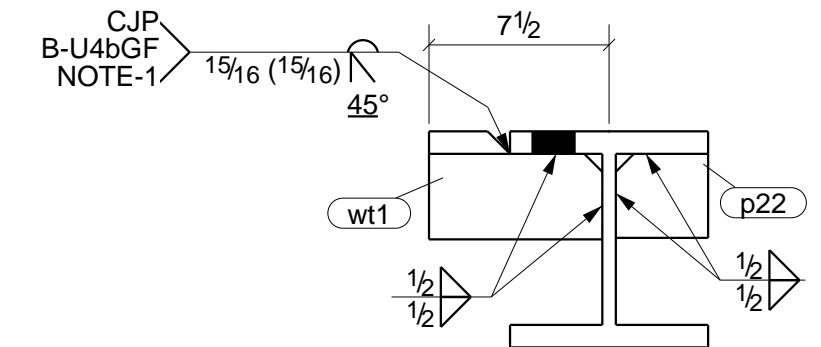
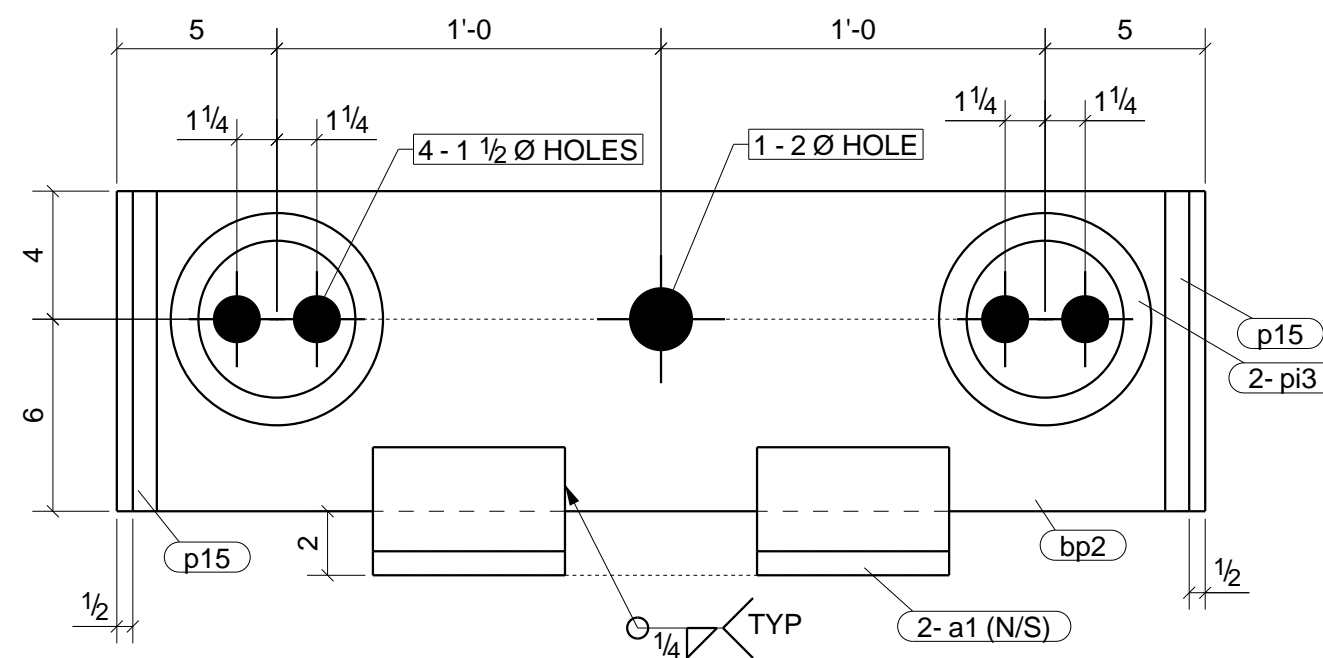
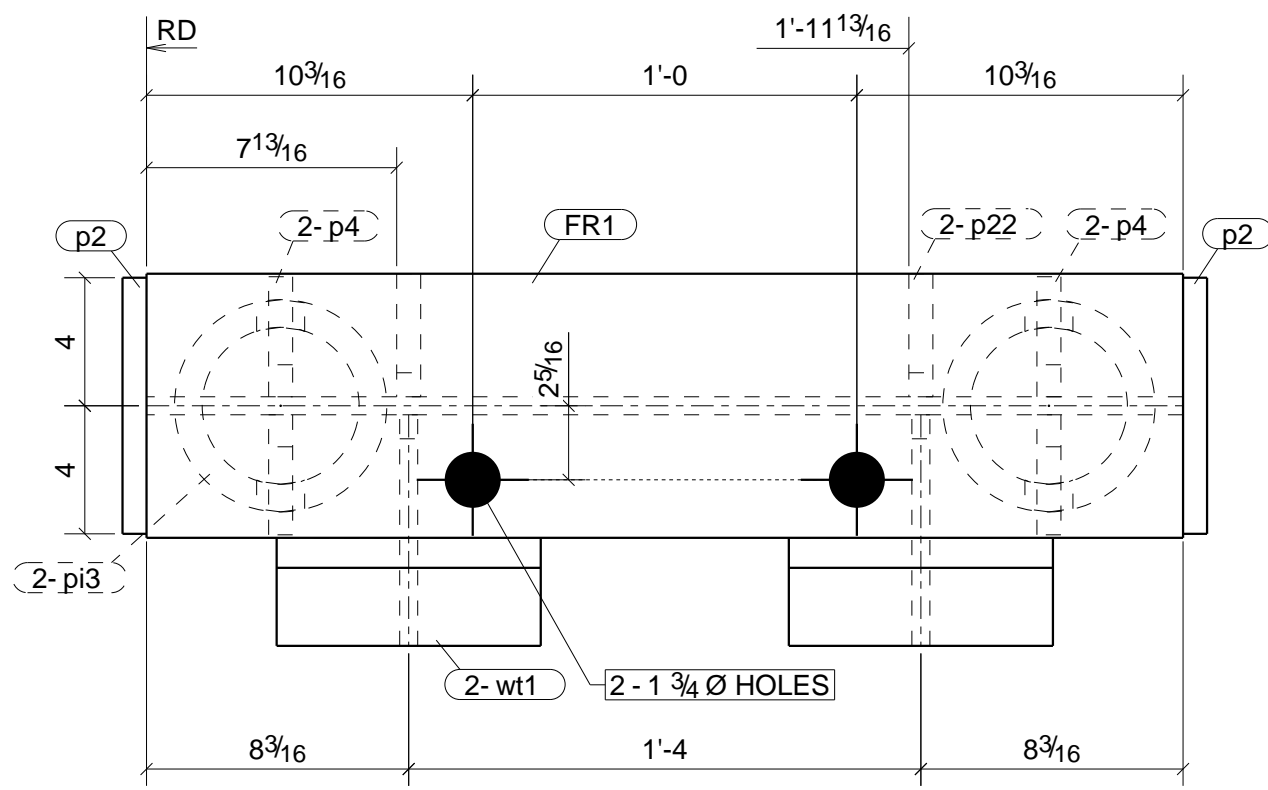
PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
FP9	1	FLOOR PLATE			BEV-2
FP9	1	CHKD_PLT5/16"X39"	5'-0 1/16"	208	GALV A36
a6	1	L2X2X1/4	4'-0 1/16"	13	A36
a7	4	L2X2X1/4	4'-0 1/16"	51	A36
	7	1/4"Ø 1/4-28 GALV TORX FH SCREW	0'-1"		Site
TOTAL WEIGHT THIS DRAWING				272	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

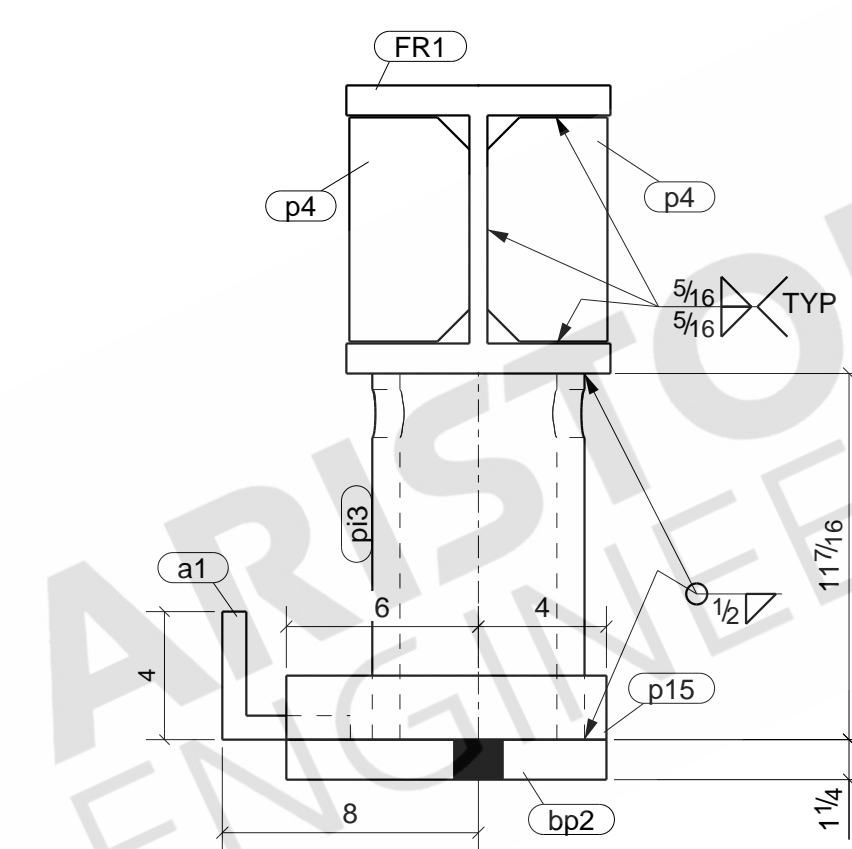
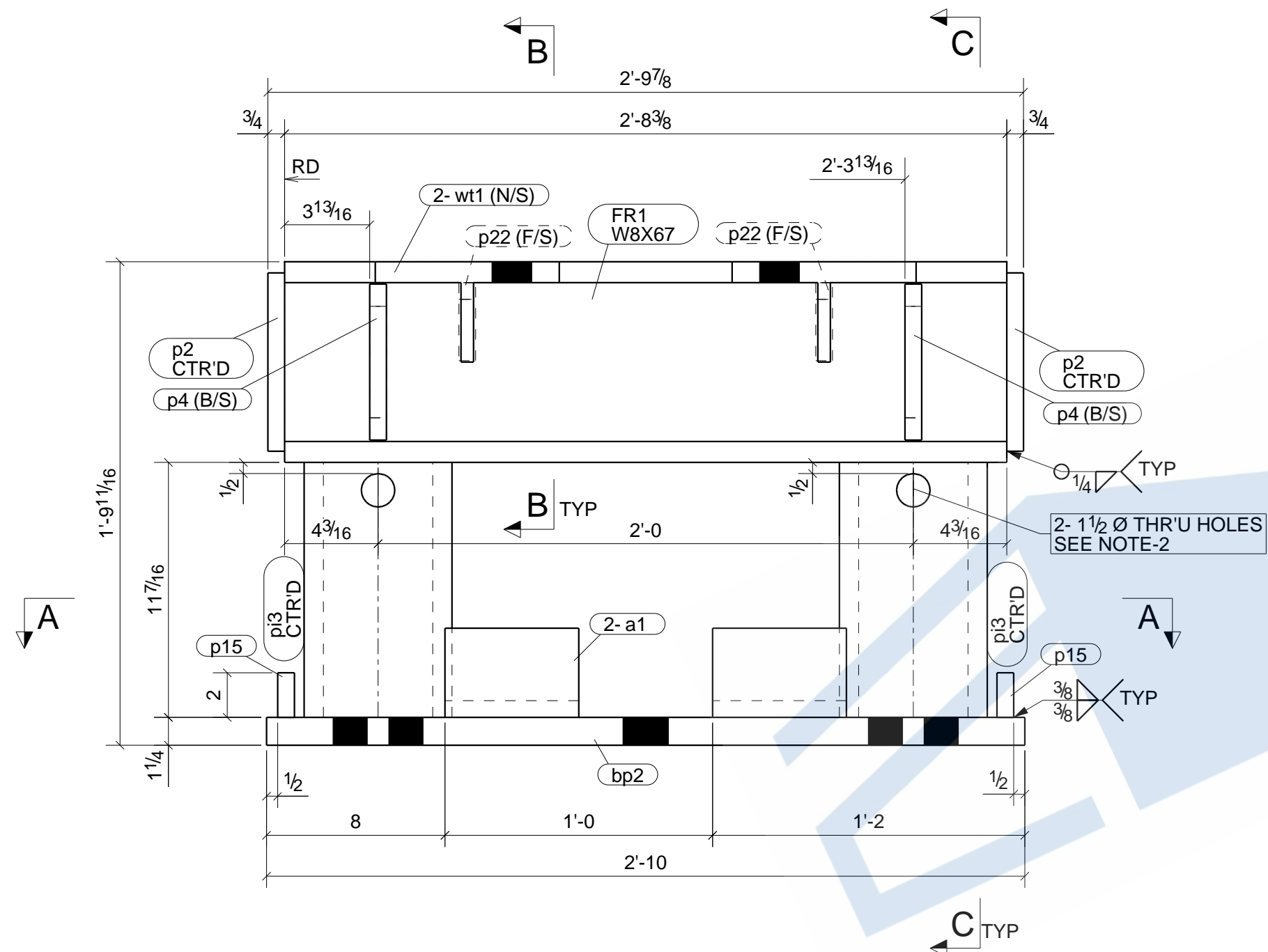
HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT			
ENGINEER			
CONTRACTOR			
PROJECT NAME AND LOCATION			
DESCRIPTION	FLOOR PLATE		JOB No. 34800094
DRAWN BY	MVK	DATE	12/30/2020
CHECKED BY	NSP	DATE	03/04/2021
REF DWG	SEE REF DWG LIST		DRG No. FP9
			REV 0



A - A

B - B



C - C

NOTE:
 1) DO NOT PROVIDE A WELD ACCESS HOLE IN THE WEB PLATE FOR THE CJP WELD OF THE FLANGE. THE WELD OF THE FLANGE DIRECTLY ABOVE THE WEB PLATE SHALL BE INSPECTED AS A PARTIAL PENETRATION WELD, WITH AN EFFECTIVE THROAT EQUAL TO THE THICKNESS OF THE FLANGE. CJP WELD ON OUTER SIDE OF WT FLANGE TO BE FLUSH TO WITHIN OF 1/4" OF W8 FLANGE. GRINDING NOT REQUIRED.
 2) PLUG HOLE AFTER GALVANIZING.

5 - FRAMES - FR1

PHASE				
1	2	3	4	5
3	2	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
FR1	5	FRAMES			SQ-2
FR1	5	W8X67	2'-8 3/8"	905	GALV A992
a1	10	L4X4X3/4	0'-6"	93	A36
bp2	5	PL 1/4"X10"	2'-10"	603	A572-50
p2	10	PL 3/4"X8"	0'-8"	136	A572-50
p4	20	PL 3/4"X3 3/4"	0'-7"	107	A572-50
p15	10	PL 3/4"X2"	0'-10"	43	A572-50
p22	10	PL 3/4"X3 1/2"	0'-3 7/8"	28	A572-50
pi3	10	PIPE 6XXS	0'-11 7/16"	477	A53-GR.B
wt1	10	WT 4X33.5	0'-7 1/4"	201	A992
TOTAL WEIGHT THIS DRAWING				2592	

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0324-002 r 0B; IFC 11/20	AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	MD-000-3500-0513-001 r 0A; IFC 11/20
MD-000-3500-0513-001 r 0A; IFC 11/20	MD-000-3500-0513-002 r 0A; IFC 09/20
MD-000-3500-0513-002 r 0A; IFC 09/20	MD-000-3500-0513-003 r 0A; IFC 09/20
MD-000-3500-0513-003 r 0A; IFC 09/20	MD-000-3500-0513-004 r 0A; IFC 11/20
MD-000-3500-0513-004 r 0A; IFC 11/20	MD-000-3500-0513-005 r 0B; IFC 11/20
MD-000-3500-0513-005 r 0B; IFC 11/20	MD-000-3500-0514-001 r 0B; IFC 11/20
MD-000-3500-0514-001 r 0B; IFC 11/20	MD-000-3500-0514-002 r 0B; IFC 11/20
MD-000-3500-0514-002 r 0B; IFC 11/20	MD-000-3500-0514-003 r 0B; IFC 11/20
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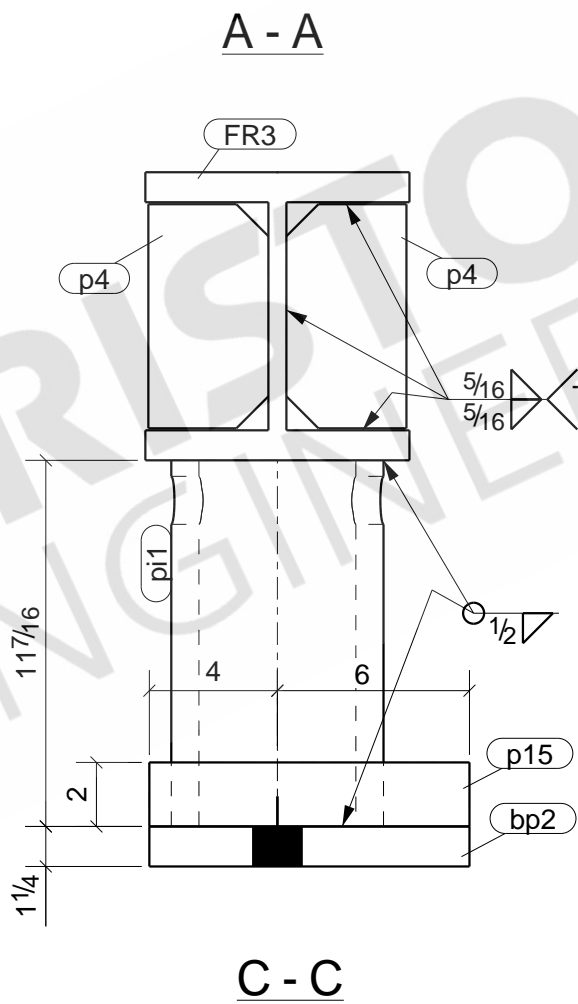
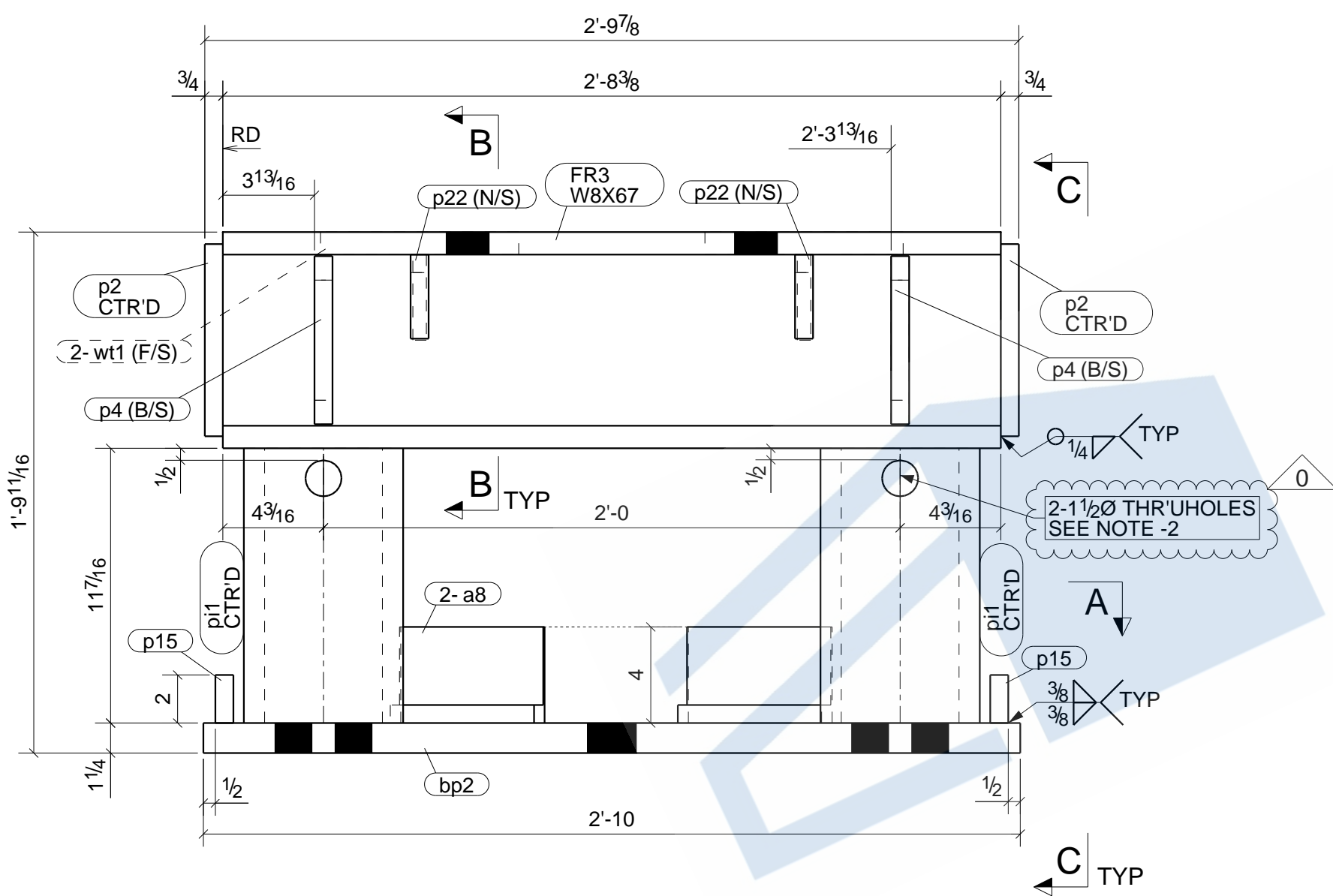
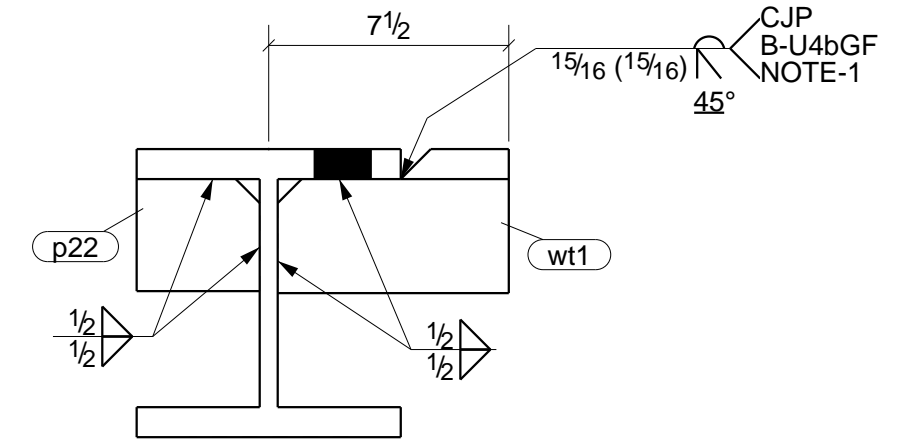
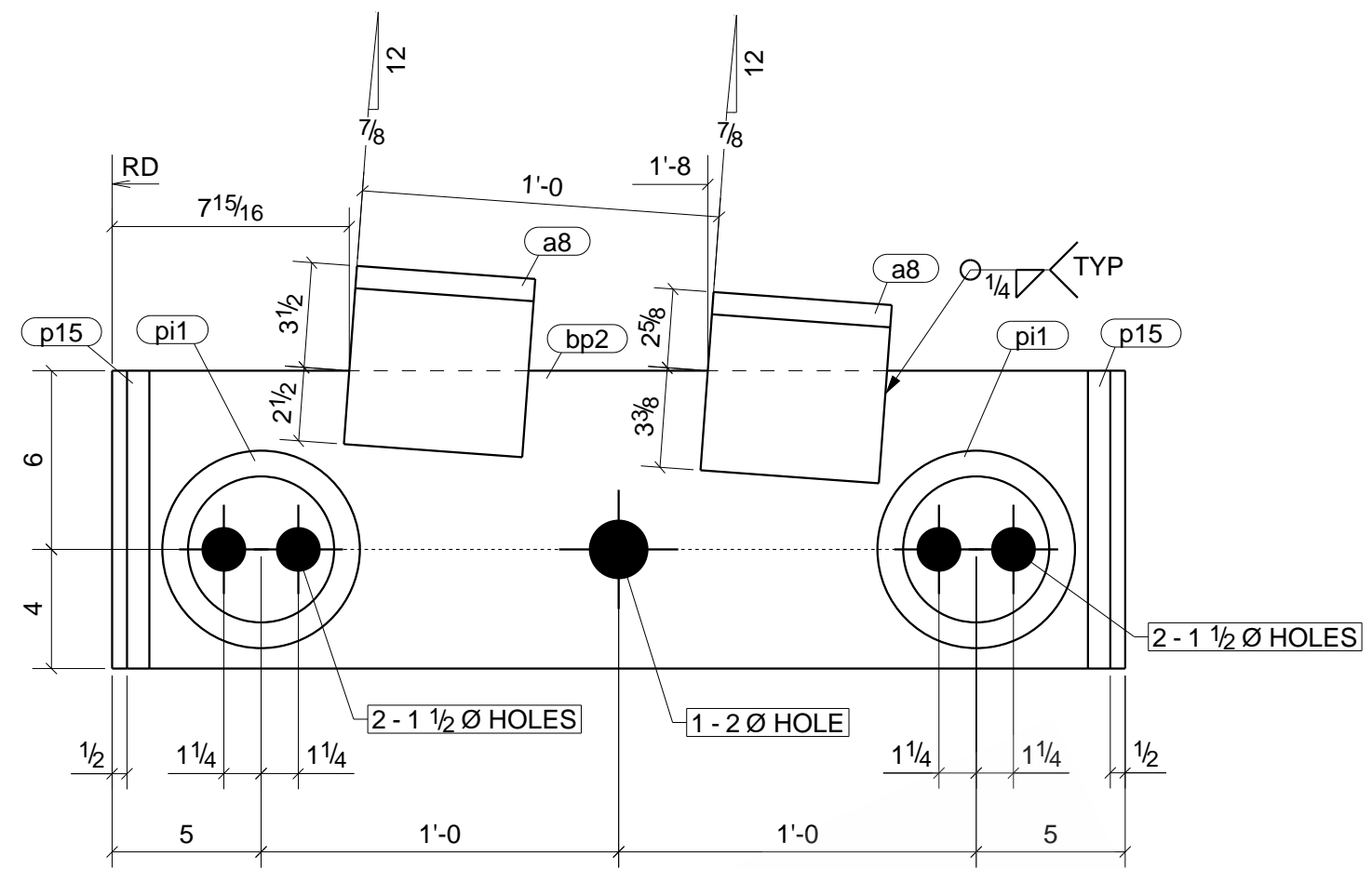
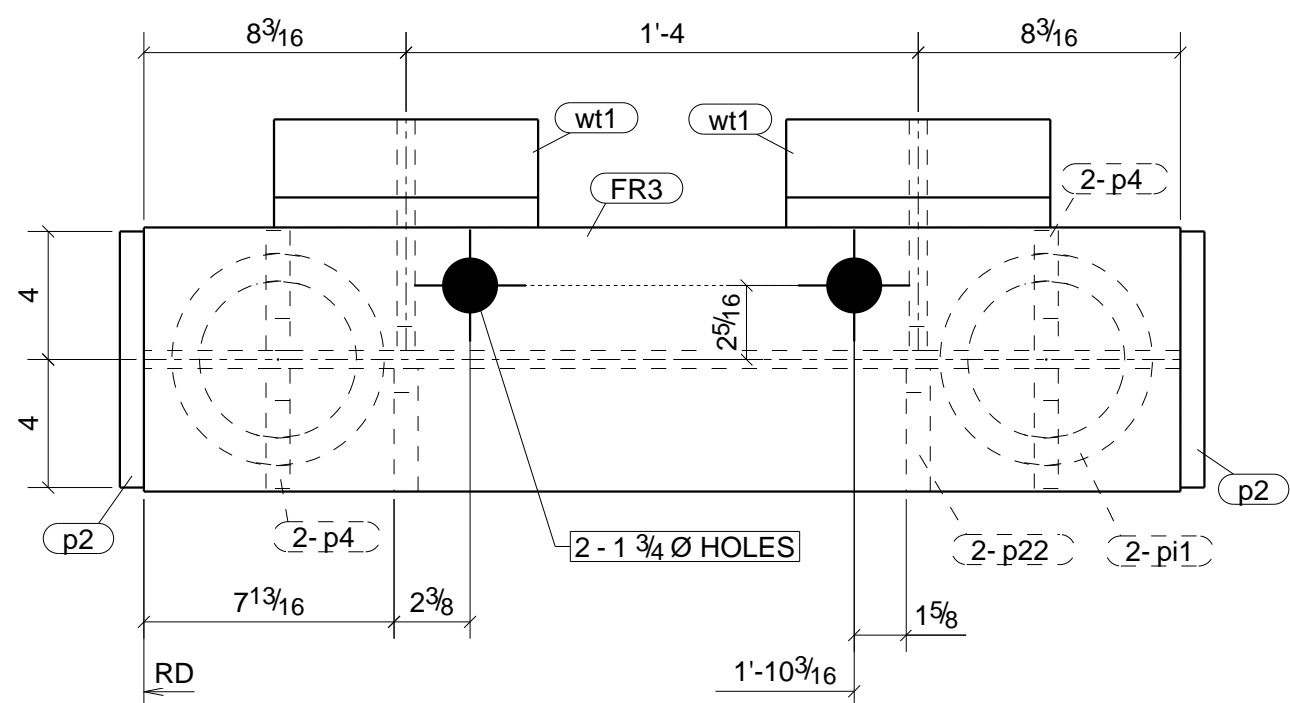
REFERENCE DRAWINGS

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AD-000-3500-0324-002 r 0B; IFC 11/20	AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-001 r 0; IFC 10/20	MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20	MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20	MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20	MD-000-3500-0515-005 r 0; IFC 10/20
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MD-000-3500-0515-007 r 0; IFC 10/20	MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20	MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20	MD-000-3500-0515-010 r 0; IFC 10/20

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16" Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT			
ENGINEER			
CONTRACTOR			
PROJECT NAME AND LOCATION			
DESCRIPTION	FRAME		JOB No. 34800094
DRAWN BY	MVK	DATE 12/08/2020	REF SEE REF DWG LIST
CHECKED BY	NSP	DATE 02/15/2021	DWG
			DRG No. FR1
			REV 0



NOTE:
 1) DO NOT PROVIDE A WELD ACCESS HOLE IN THE WEB PLATE FOR THE CJP WELD OF THE FLANGE. THE WELD OF THE FLANGE DIRECTLY ABOVE THE WEB PLATE SHALL BE INSPECTED AS A PARTIAL PENETRATION WELD, WITH AN EFFECTIVE THROAT EQUAL TO THE THICKNESS OF THE FLANGE. CJP WELD ON OUTER SIDE OF WT FLANGE TO BE FLUSH TO WITHIN OF 1/4" OF W8 FLANGE. GRINDING NOT REQUIRED.
 2) PLUG HOLE AFTER GALVANIZING.

ONE - FRAME - FR3

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
FR3	1	FRAME			SQ-2
FR3	1	W8X67	2'-8 3/8"	181	GALV A992
a8	2	L6X4X3/4	0'-6"	24	A36
bp2	1	PL 1/4"X10"	2'-10"	121	A572-50
p2	2	PL3/4"X8"	0'-8"	27	A572-50
p4	4	PL3/4"X3 3/4"	0'-7"	21	A572-50
p15	2	PL3/4"X2"	0'-10"	9	A572-50
p22	2	PL3/4"X3 1/2"	0'-3 7/8"	6	A572-50
pi1	2	PIPE6XXS	0'-11 7/16"	95	A53-GR.B
wt1	2	WT4X33.5	0'-7 1/4"	40	A992
TOTAL WEIGHT THIS DRAWING				524	

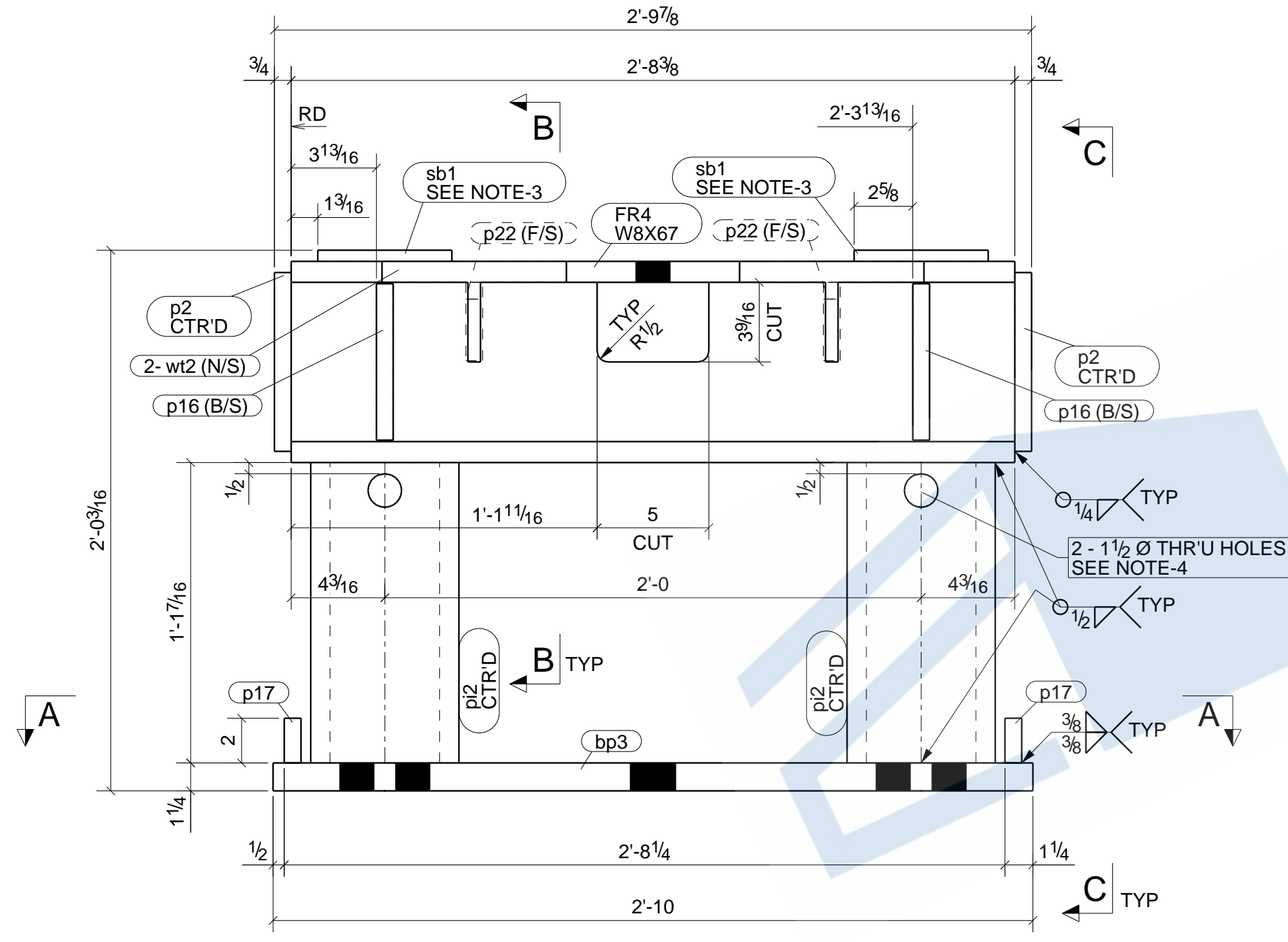
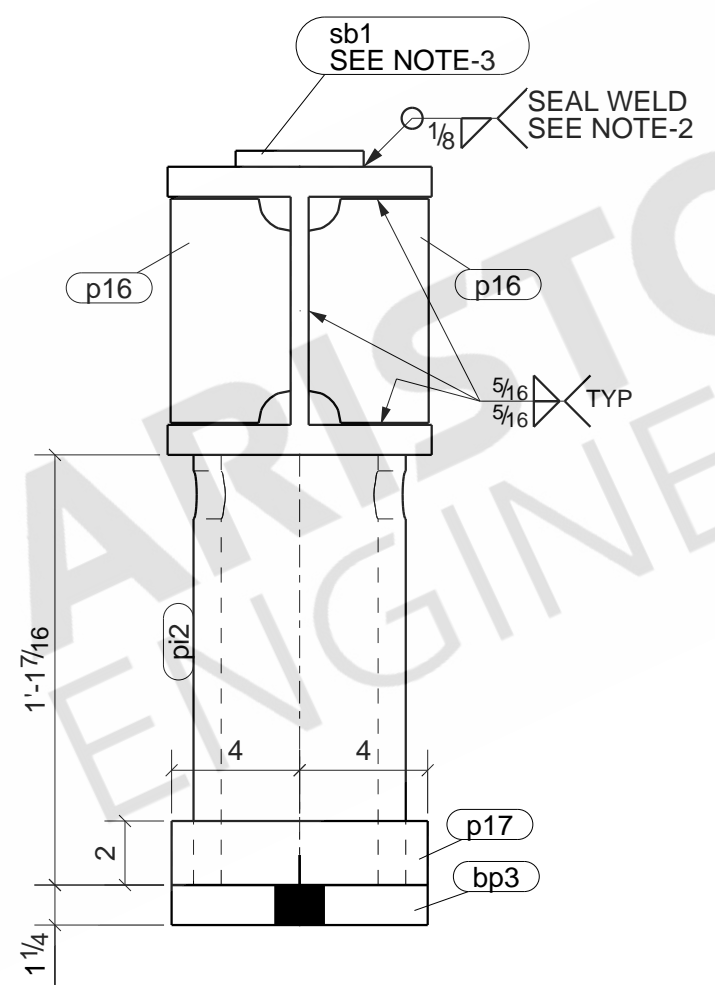
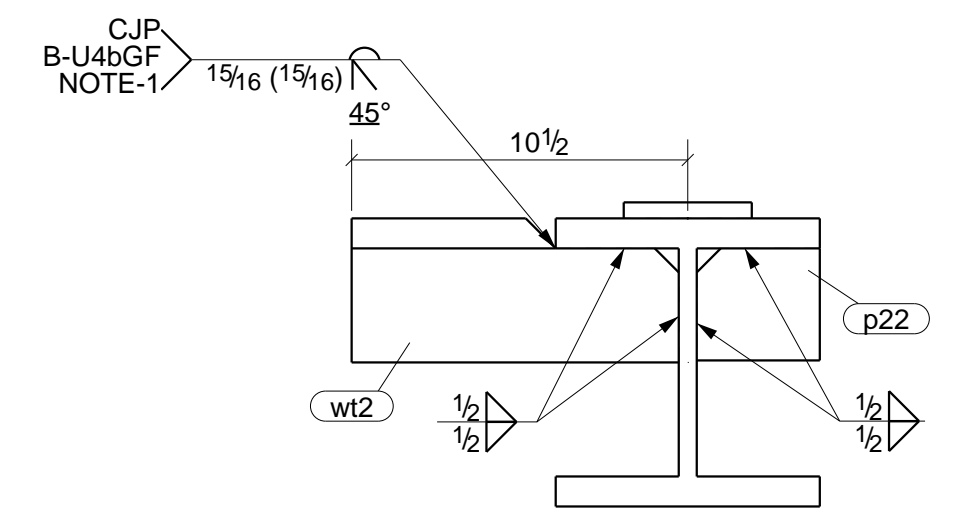
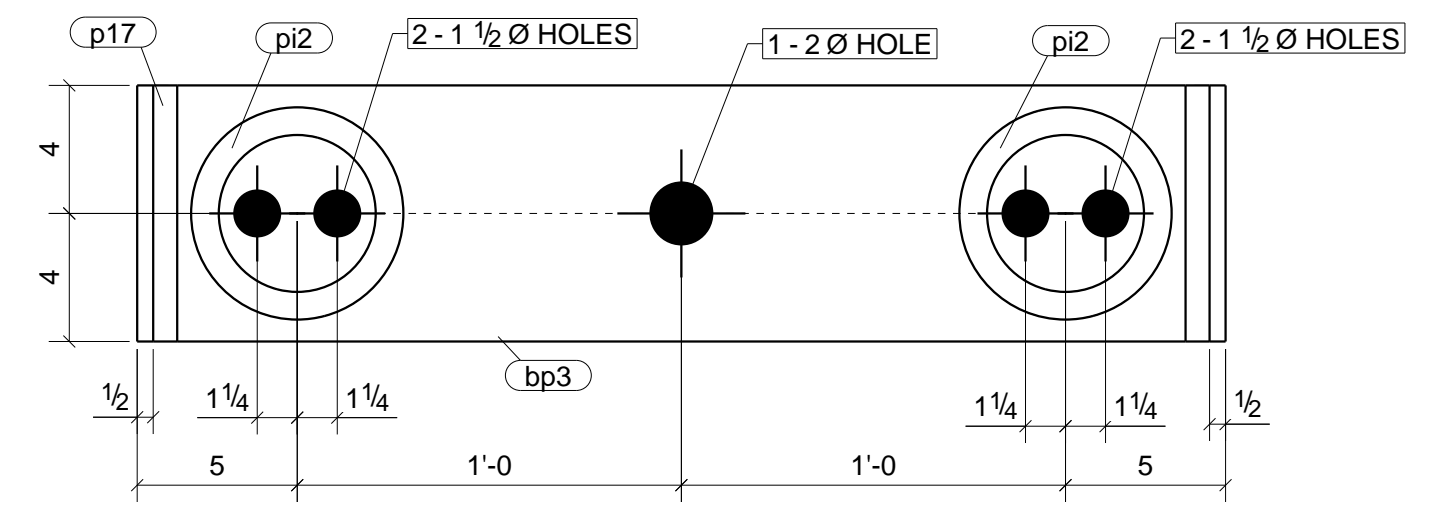
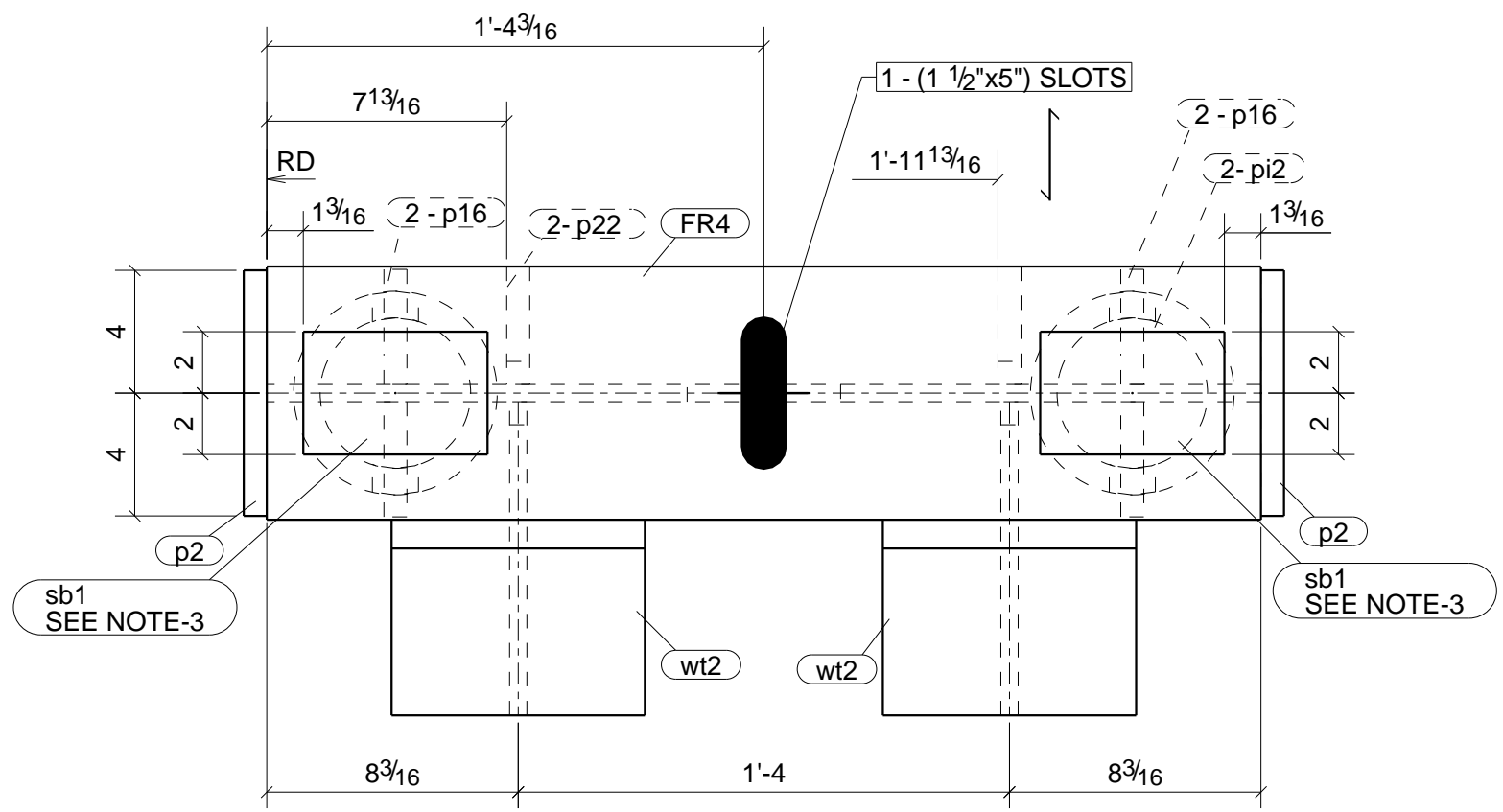
REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0;	IFC 7/20/2020-2
AD-000-3500-0324-001 r 0;	IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B;	IFC 11/20
AD-000-3500-0325-001 r 0;	IFC 7/20/2020-5
MD-000-3500-0515-001 r 0;	IFC 10/20
MD-000-3500-0515-002 r 0;	IFC 10/20
MD-000-3500-0515-003 r 0;	IFC 10/20
MD-000-3500-0515-004 r 0;	IFC 10/20
MD-000-3500-0515-005 r 0;	IFC 10/20
MD-000-3500-0515-006 r 0;	IFC 10/20
MD-000-3500-0515-007 r 0;	IFC 10/20
MD-000-3500-0515-008 r 0;	IFC 10/20
MD-000-3500-0515-009 r 0;	IFC 10/20
MD-000-3500-0515-010 r 0;	IFC 10/20

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION	FRAME			
DRAWN BY	MVK	DATE	12/28/2020	REF SEE REF DWG LIST
CHECKED BY	NSP	DATE	03/04/2021	DWG
				JOB No. 34800094
				DRG No. FR3 REV 0



- NOTE:**
- DO NOT PROVIDE A WELD ACCESS HOLE IN THE WEB PLATE FOR THE CJP WELD OF THE FLANGE. THE WELD OF THE FLANGE DIRECTLY ABOVE THE WEB PLATE SHALL BE INSPECTED AS A PARTIAL PENETRATION WELD, WITH AN EFFECTIVE THROAT EQUAL TO THE THICKNESS OF THE FLANGE. CJP WELD ON OUTER SIDE OF WT FLANGE TO BE FLUSH TO WITHIN OF 1/4" OF W8 FLANGE. GRINDING NOT REQUIRED.
 - USE E309L FOR WELDING MATERIAL BETWEEN SS AND CS.
 - SLIDE BEARING PLATES TO BE SHOP WELDED/WELDED AFTER GALVANIZING.
 - PLUG HOLE AFTER GALVANIZING.

ONE - FRAME - FR4

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
FR4	1	FRAME			SQ-2
FR4	1	W8X67	2'-8 3/8"	181	GALV A992
bp3	1	PL 1/4"X8"	2'-10"	96	A572-50
p2	2	PL 3/4"X8"	0'-8"	27	A572-50
p16	4	PL 3/4"X3 3/4"	0'-7"	21	A572-50
p17	2	PL 3/4"X2"	0'-8"	7	A572-50
p22	2	PL 3/4"X3 1/2"	0'-3 7/8"	6	A572-50
pi2	2	PIPE 6XXS	1'-1 7/16"	112	A53-GR-B
sb1	2	FLUOROGOLD FC-1037SS BOI		0	
wt2	2	WT4X33.5	0'-10 3/16"	57	A992
TOTAL WEIGHT THIS DRAWING				507	

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
 MD-000-3500-0513-001 r 0A; IFC 11/20
 MD-000-3500-0513-002 r 0A; IFC 09/20
 MD-000-3500-0513-003 r 0A; IFC 09/20
 MD-000-3500-0513-004 r 0A; IFC 11/20
 MD-000-3500-0513-005 r 0B; IFC 11/20
 MD-000-3500-0514-001 r 0B; IFC 11/20
 MD-000-3500-0514-002 r 0B; IFC 11/20
 MD-000-3500-0514-003 r 0B; IFC 11/20
 MD-000-3500-0514-004 r 0B; IFC 11/20

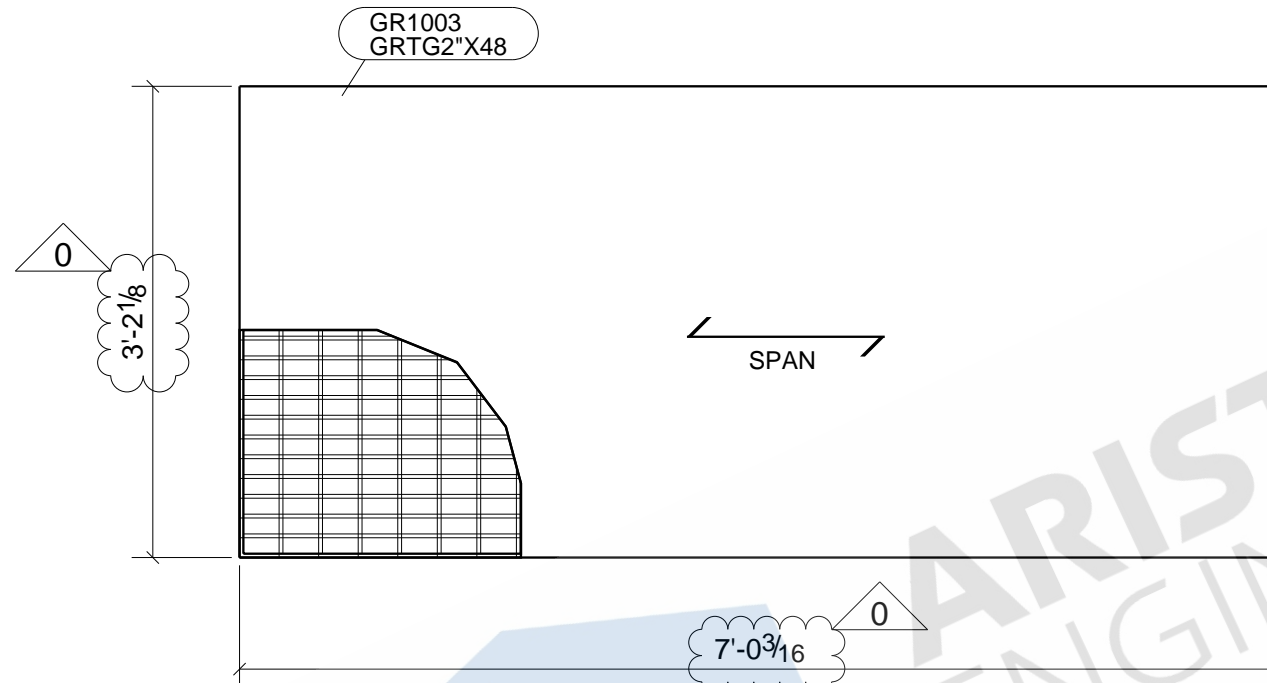
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AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
 MD-000-3500-0515-009 r 0; IFC 10/20
 MD-000-3500-0515-010 r 0; IFC 10/20

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	FRAME
JOB No. 34800094	
DRAWN BY	MVK DATE 02/13/2021
CHECKED BY	NSP DATE 03/04/2021
REF DWG	SEE REF DWG LIST
DRG No.	FR4
REV	0



- REFERENCE DRAWINGS**
- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 - AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 - AD-000-3500-0324-002 r 0B; IFC 11/20
 - AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 - MD-000-3500-0515-001 r 0; IFC 10/20
 - MD-000-3500-0515-002 r 0; IFC 10/20
 - MD-000-3500-0515-003 r 0; IFC 10/20
 - MD-000-3500-0515-004 r 0; IFC 10/20
 - MD-000-3500-0515-005 r 0; IFC 10/20
 - MD-000-3500-0515-006 r 0; IFC 10/20
 - MD-000-3500-0515-007 r 0; IFC 10/20
 - MD-000-3500-0515-008 r 0; IFC 10/20
 - MD-000-3500-0515-009 r 0; IFC 10/20
 - MD-000-3500-0515-010 r 0; IFC 10/20

NOTE:
FOR MORE GRATING INFORMATION SEE DWG NO.43-27-1595 BY GRATING PACIFIC LLC.

ONE - GRATING - GR1003

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
PHASE 1: SE WALKWAY
PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
GR1003	1	GRATING			SQ-2
GR1003	1	MCNICHOLS F282111C(2\"/>			

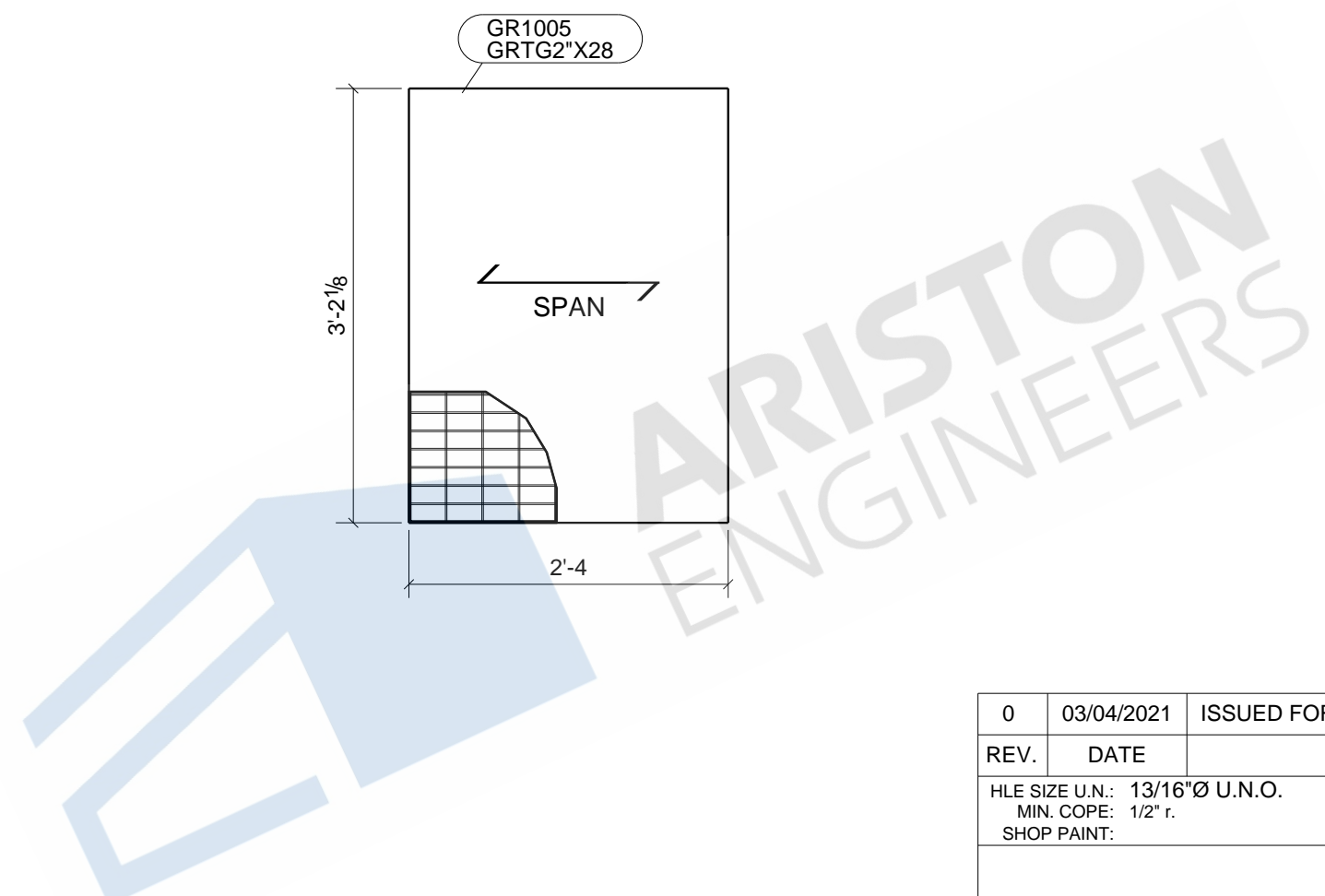
TOTAL WEIGHT THIS DRAWING

15

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE-ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT:

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	GRATING
DRAWN BY	MVK
DATE	03/02/2021
CHECKED BY	NSP
DATE	03/04/2021
REF DWG	SEE REF DWG LIST
JOB No.	34800094
DRG No.	GR1003
REV	0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
 MD-000-3500-0515-009 r 0; IFC 10/20
 MD-000-3500-0515-010 r 0; IFC 10/20

NOTE:
 FOR MORE GRATING INFORMATION SEE DWG NO.43-27-1595 BY GRATING PACIFIC LLC.

ONE - GRATING - GR1005

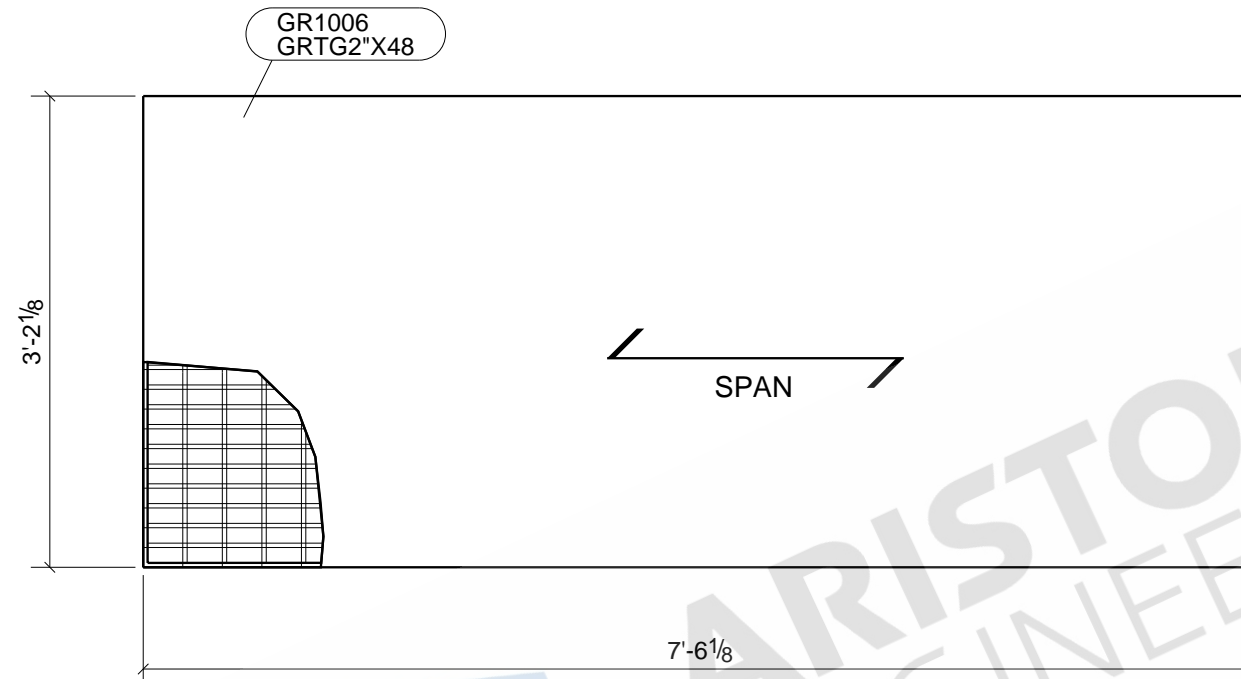
PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
GR1005	1	GRATING			SQ-2
GR1005	1	MCNICHOLS F282111C(2\"X 4\"X12') BOI		5	FIBERGLASS
TOTAL WEIGHT THIS DRAWING				5	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16"Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT:				
ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION		GRATING		JOB No. 34800094
DRAWN BY		MVK	DATE 02/23/2021	REF SEE REF DWG LIST
CHECKED BY		NSP	DATE 03/04/2021	DRG No. GR1005 REV 0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0;	IFC 7/20/2020-2
AD-000-3500-0324-001 r 0;	IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B;	IFC 11/20
AD-000-3500-0325-001 r 0;	IFC 7/20/2020-5
MD-000-3500-0515-001 r 0;	IFC 10/20
MD-000-3500-0515-002 r 0;	IFC 10/20
MD-000-3500-0515-003 r 0;	IFC 10/20
MD-000-3500-0515-004 r 0;	IFC 10/20
MD-000-3500-0515-005 r 0;	IFC 10/20
MD-000-3500-0515-006 r 0;	IFC 10/20
MD-000-3500-0515-007 r 0;	IFC 10/20
MD-000-3500-0515-008 r 0;	IFC 10/20
MD-000-3500-0515-009 r 0;	IFC 10/20
MD-000-3500-0515-010 r 0;	IFC 10/20

NOTE:
FOR MORE GRATING INFORMATION SEE DWG NO.43-27-1595 BY GRATING PACIFIC LLC.

ONE - GRATING - GR1006

PHASE

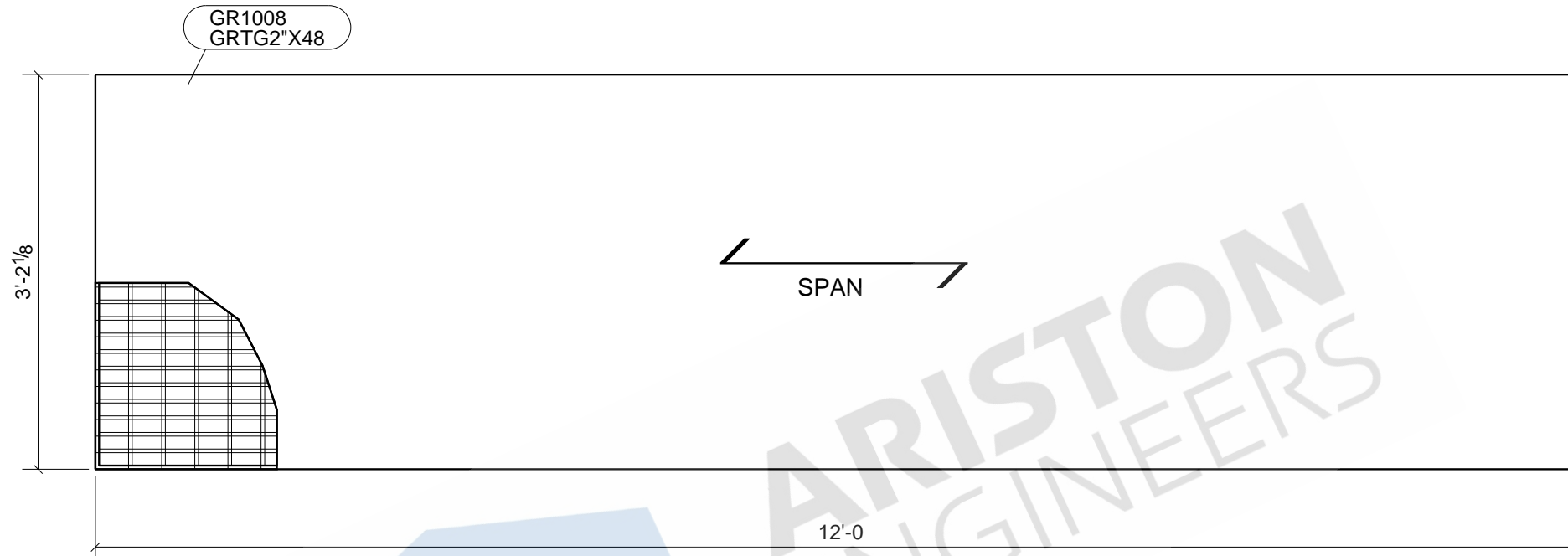
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0	1	0	0	0

PHASE LEGEND
PHASE 1: SE WALKWAY
PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
GR1006	1	GRATING			SQ-2
GR1006	1	MCNICHOLS F282111C(2"X 4'X12') BOI		16	FIBERGLASS
TOTAL WEIGHT THIS DRAWING				16	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16"Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT:				
ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION		GRATING		JOB No. 34800094
DRAWN BY		MVK	DATE 02/23/2021	REF SEE REF DWG LIST
CHECKED BY		NSP	DATE 03/04/2021	DRG No. GR1006 REV 0



- REFERENCE DRAWINGS**
- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 - AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 - AD-000-3500-0324-002 r 0B; IFC 11/20
 - AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 - MD-000-3500-0515-001 r 0; IFC 10/20
 - MD-000-3500-0515-002 r 0; IFC 10/20
 - MD-000-3500-0515-003 r 0; IFC 10/20
 - MD-000-3500-0515-004 r 0; IFC 10/20
 - MD-000-3500-0515-005 r 0; IFC 10/20
 - MD-000-3500-0515-006 r 0; IFC 10/20
 - MD-000-3500-0515-007 r 0; IFC 10/20
 - MD-000-3500-0515-008 r 0; IFC 10/20
 - MD-000-3500-0515-009 r 0; IFC 10/20
 - MD-000-3500-0515-010 r 0; IFC 10/20

NOTE:
FOR MORE GRATING INFORMATION SEE DWG NO.43-27-1595 BY GRATING PACIFIC LLC.

PHASE				
1	2	3	4	5
0	14	0	0	0

PHASE LEGEND
PHASE 1: SE WALKWAY
PHASE 2: NW WALKWAY

0 **14 GRATINGS - GR1008**

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
GR1008	14	GRATINGS			SQ-2
GR1008	14	MCNICHOLS F282111C(2\"/>			

TOTAL WEIGHT THIS DRAWING

356

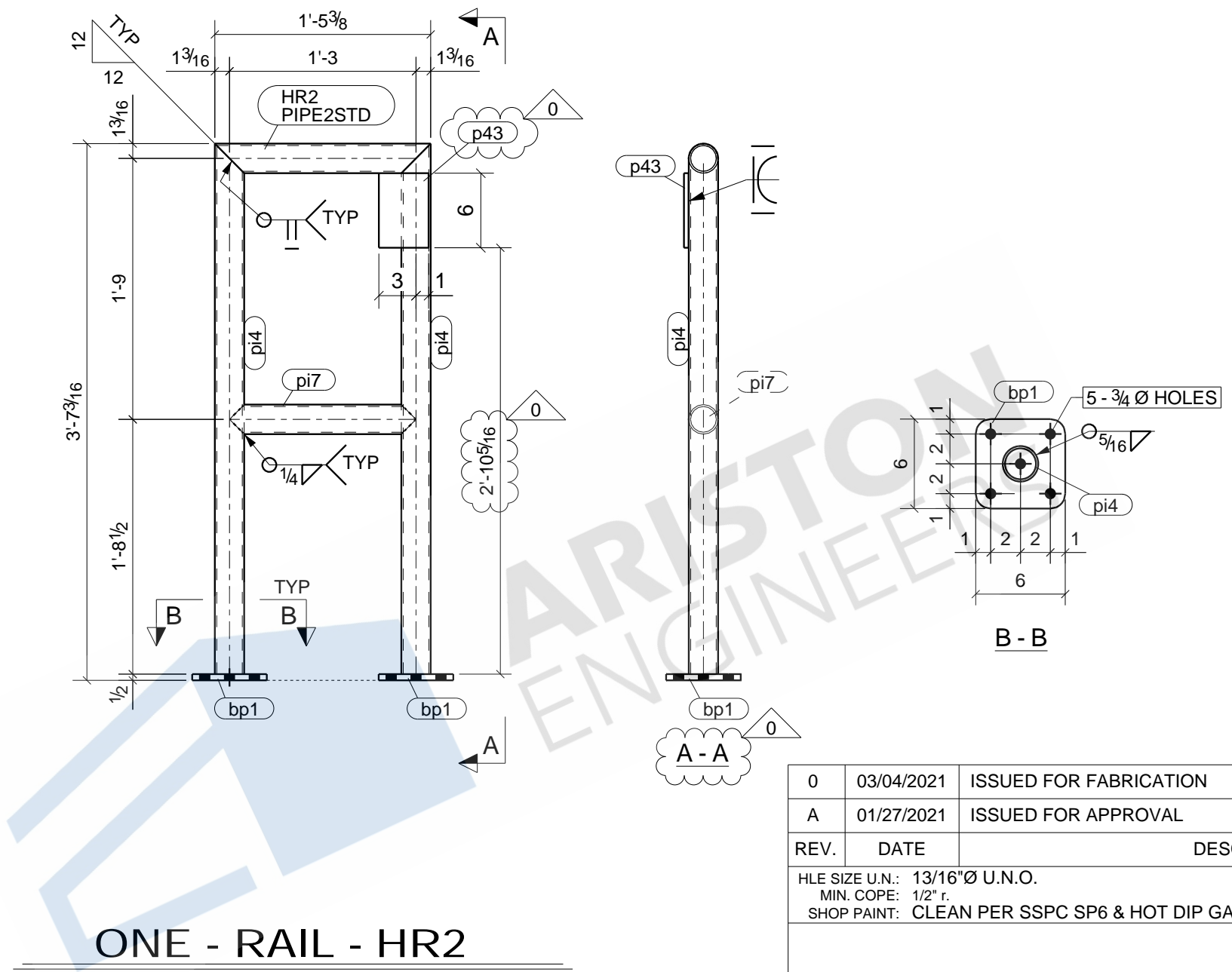
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16"Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT:				
ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION		GRATING		JOB No. 34800094
DRAWN BY		MVK	DATE	03/02/2021
CHECKED BY		NSP	DATE	03/04/2021
REF		SEE REF DWG LIST		DRG No. GR1008
DWG				REV 0

REFERENCE DRAWINGS

AD-000-3500-0323-001	r 0;	IFC 7/20/2020-2
AD-000-3500-0324-001	r 0;	IFC 7/20/2020-3
AD-000-3500-0324-002	r 0B;	IFC 11/20
AD-000-3500-0325-001	r 0;	IFC 7/20/2020-5
MD-000-3500-0515-001	r 0;	IFC 10/20
MD-000-3500-0515-002	r 0;	IFC 10/20
MD-000-3500-0515-003	r 0;	IFC 10/20
MD-000-3500-0515-004	r 0;	IFC 10/20
MD-000-3500-0515-005	r 0;	IFC 10/20
MD-000-3500-0515-006	r 0;	IFC 10/20
MD-000-3500-0515-007	r 0;	IFC 10/20
MD-000-3500-0515-008	r 0;	IFC 10/20
MD-000-3500-0515-009	r 0;	IFC 10/20
MD-000-3500-0515-010	r 0;	IFC 10/20

PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY



ONE - RAIL - HR2

BILL OF MATERIAL

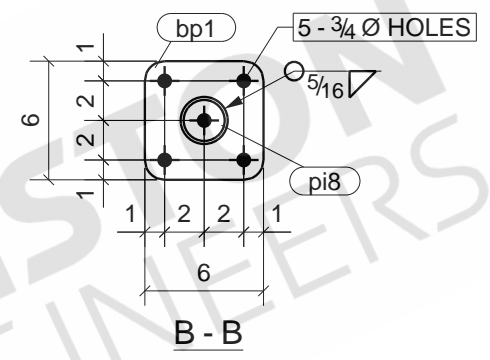
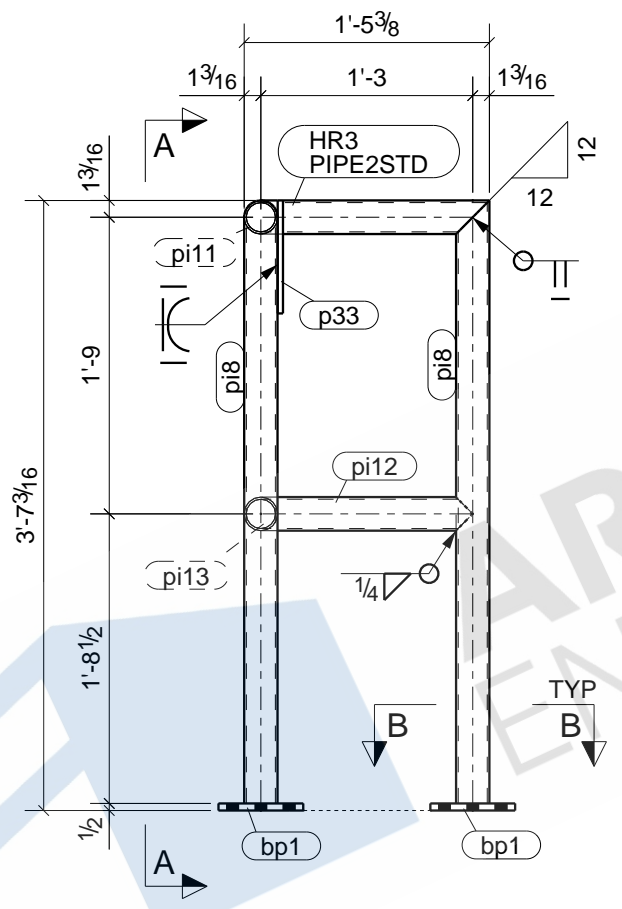
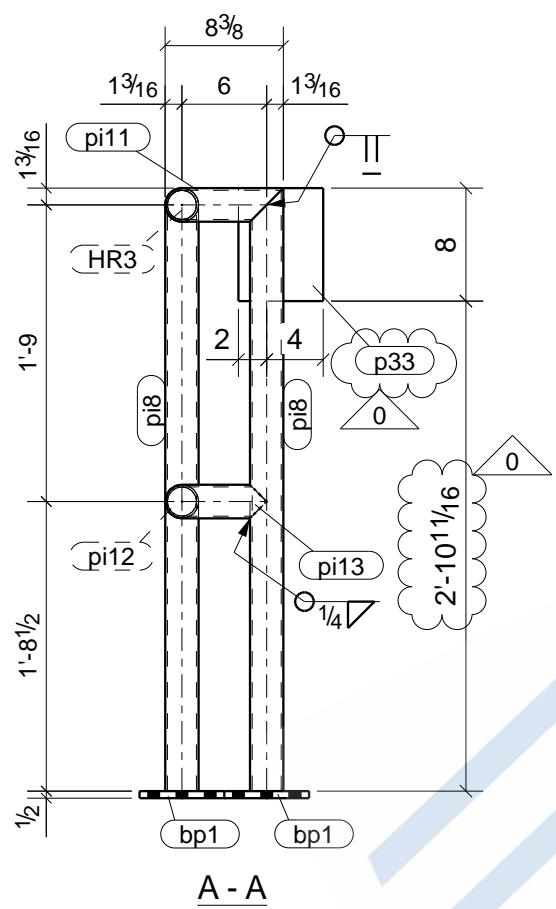
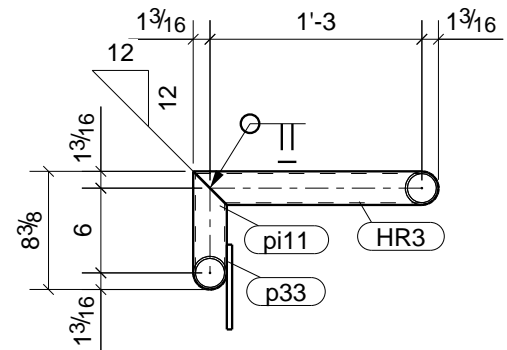
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
HR2	1	RAIL			BEV-2
HR2	1	PIPE2STD	1'-5 3/8"	5	GALV A53-GR.B
bp1	2	PL1/2"X6"	0'-6"	10	A572-50
p43	1	PL3/8"X4"	0'-6"	3	A572-50
pi4	2	PIPE2STD	3'-6 11/16"	25	A53-GR.B
pi7	1	PIPE2STD	1'-2 7/8"	4	A53-GR.B
	8	5/8"Ø LG KWICK BOLT TZ CS BOLT	0'-10"		Site
TOTAL WEIGHT THIS DRAWING				47	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	RAIL
DRAWN BY	MVK DATE 12/30/2020
CHECKED BY	NSP DATE 03/04/2021
REF	SEE REF DWG LIST
DRG No.	HR2
REV	0

JOB No.
34800094



PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND	
PHASE 1:	SE WALKWAY
PHASE 2:	NW WALKWAY

ONE - RAIL - HR3

BILL OF MATERIAL

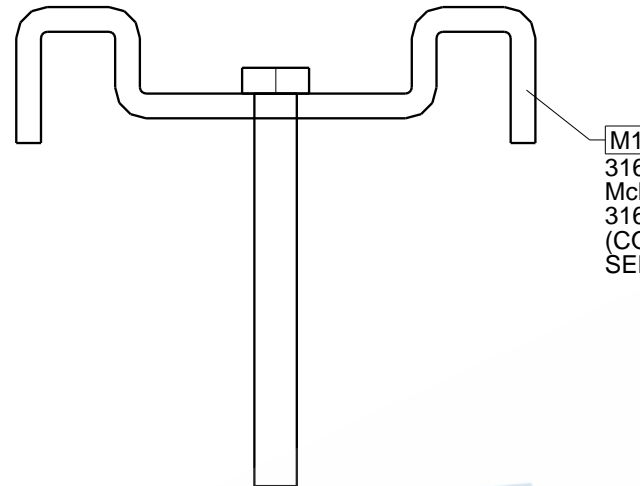
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
HR3	1	RAIL			BEV-2
HR3	1	PIPE2STD	1'-5 3/8"	5	GALV A53-GR.B
bp1	2	PL1/2"X6"	0'-6"	10	A572-50
p33	1	PL3/8"X6"	0'-8"	5	A572-50
pi8	2	PIPE2STD	3'-6 11/16"	25	A53-GR.B
pi11	1	PIPE2STD	0'-8 3/8"	2	A53-GR.B
pi12	1	PIPE2STD	1'-4 1/8"	5	A53-GR.B
pi13	1	PIPE2STD	0'-7 1/8"	2	A53-GR.B
	8	5/8"Ø LG KWICK BOLT TZ CS BOLT	0'-10"		Site
TOTAL WEIGHT THIS DRAWING				54	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT			
ENGINEER			
CONTRACTOR			
PROJECT NAME AND LOCATION			
DESCRIPTION	RAIL	JOB No.	34800094
DRAWN BY	MVK	DATE	12/30/2020
CHECKED BY	NSP	DATE	03/04/2021
REF DWG	SEE REF DWG LIST	DRG No.	HR3
		REV	0

- REFERENCE DRAWINGS**
- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 - AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 - AD-000-3500-0324-002 r 0B; IFC 11/20
 - AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 - MD-000-3500-0515-001 r 0; IFC 10/20
 - MD-000-3500-0515-002 r 0; IFC 10/20
 - MD-000-3500-0515-003 r 0; IFC 10/20
 - MD-000-3500-0515-004 r 0; IFC 10/20
 - MD-000-3500-0515-005 r 0; IFC 10/20
 - MD-000-3500-0515-006 r 0; IFC 10/20
 - MD-000-3500-0515-007 r 0; IFC 10/20
 - MD-000-3500-0515-008 r 0; IFC 10/20
 - MD-000-3500-0515-009 r 0; IFC 10/20
 - MD-000-3500-0515-010 r 0; IFC 10/20



M1
 316SS SADDLE CLIP
 McNICHOLS TYPE M4 (ITEM #60CM714559)
 316SS SADDLE CLIP (OR APPROVED EQUAL)
 (COMES w/ 316SS 1/4-24 x 2/34 HX HD
 SELF-DRILLING SELF TAPPING SCREW

ARISTON ENGINEERS

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

REV.	DATE	DESCRIPTION	BY	CHKD BY
1	03/04/2021	RE-ISSUED FOR FABRICATION	MVK	NSP
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	NSP	SAP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT:

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	316 SS SADDLE CLIPS (BOI)
DRAWN BY	MVK DATE 12/11/2020
CHECKED BY	NSP DATE 03/04/2021
REF	SEE REF DWG LIST
JOB No. 34800094	
DRG No.	M1
REV	1

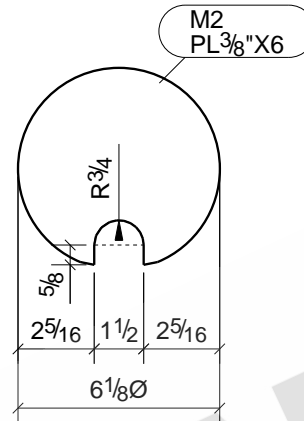
1
388 - SS_SADDLE_CLIPS - M1

PHASE				
1	2	3	4	5
196	192	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
M1	388	SS_SADDLE_CLIPS			SQ-2
M1	388	McNICHOLS_60CM714559 BOI		60	316SS
	388	1/4"Ø SS316 TEK 12-24 BOLT	0'-2 3/4"		Site
TOTAL WEIGHT THIS DRAWING				60	



REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

PHASE				
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17	22	0	0	0

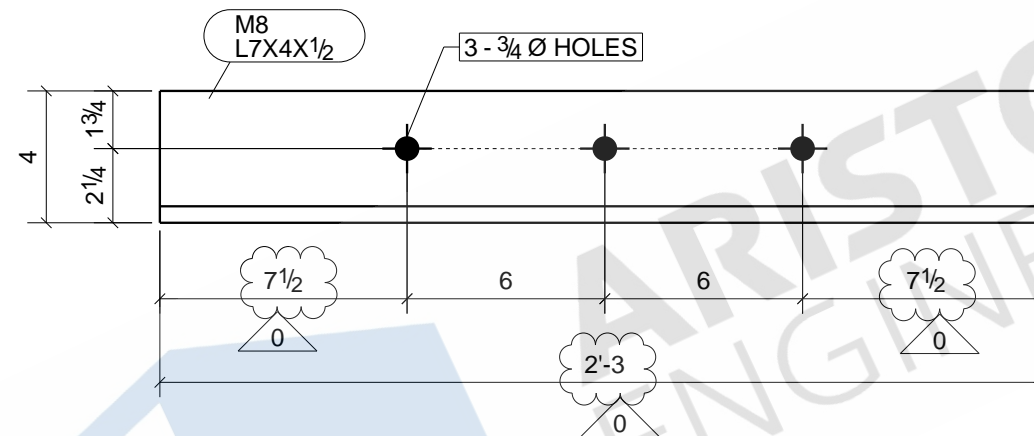
PHASE LEGEND	
PHASE 1:	SE WALKWAY
PHASE 2:	NW WALKWAY

39 - CAP PLATES - M2

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
M2	39	CAP PLATES			SQ-2
M2	39	PL3/8"X6"	0'-6 1/8"	111	NO PAINT A36
TOTAL WEIGHT THIS DRAWING				111	

0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/25/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16"Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT: NO PAINT				
ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION		CAP PLATE		JOB No. 34800094
DRAWN BY		MVK	DATE	01/22/2021
CHECKED BY		NSP	DATE	02/15/2021
REF		SEE REF DWG LIST		DRG No. M2
DWG				REV 0



REFERENCE DRAWINGS
 AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
 MD-000-3500-0515-009 r 0; IFC 10/20
 MD-000-3500-0515-010 r 0; IFC 10/20

2 - ANGLES - M8

PHASE				
1	2	3	4	5
0	2	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

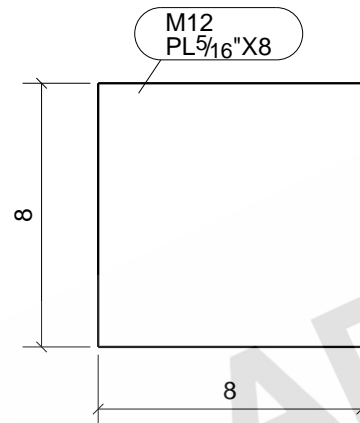
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
M8	2	ANGLES			SQ-2
M8	2	L7X4X1/2	2'-3"	81	GALV A36
	6	5/8"Ø LG KWICK BOLT TZ CS BOLT	0'-8 1/2"		Site
TOTAL WEIGHT THIS DRAWING				81	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	ANGLE
DRAWN BY	MVK DATE 12/30/2020
CHECKED BY	NSP DATE 03/04/2021
REF	SEE REF DWG LIST
JOB No. 34800094	
DRG No. M8	REV 0



- REFERENCE DRAWINGS**
- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 - AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 - AD-000-3500-0324-002 r 0B; IFC 11/20
 - AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 - MD-000-3500-0515-001 r 0; IFC 10/20
 - MD-000-3500-0515-002 r 0; IFC 10/20
 - MD-000-3500-0515-003 r 0; IFC 10/20
 - MD-000-3500-0515-004 r 0; IFC 10/20
 - MD-000-3500-0515-005 r 0; IFC 10/20
 - MD-000-3500-0515-006 r 0; IFC 10/20
 - MD-000-3500-0515-007 r 0; IFC 10/20
 - MD-000-3500-0515-008 r 0; IFC 10/20
 - MD-000-3500-0515-009 r 0; IFC 10/20
 - MD-000-3500-0515-010 r 0; IFC 10/20

ONE - PLATE - M12

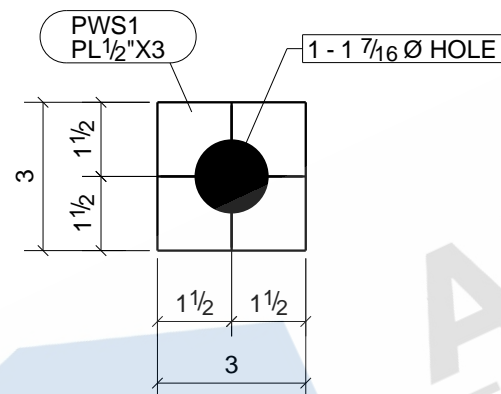
PHASE				
1	2	3	4	5
0	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
M12	1	PLATE			SQ-2
M12	1	PL5/16"X8"	0'-8"	6	GALV A572-50
TOTAL WEIGHT THIS DRAWING				6	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16"Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123				
ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION		PLATE		JOB No. 34800094
DRAWN BY		MVK	DATE 01/05/2021	REF SEE REF DWG LIST
CHECKED BY		NSP	DATE 03/04/2021	DWG
				DRG No. M12
				REV 0



REFERENCE DRAWINGS				
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2				
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3				
AD-000-3500-0324-002 r 0B; IFC 11/20				
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5				
MD-000-3500-0513-001 r 0A; IFC 11/20				
MD-000-3500-0513-002 r 0A; IFC 09/20				
MD-000-3500-0513-003 r 0A; IFC 09/20				
MD-000-3500-0513-004 r 0A; IFC 11/20				
MD-000-3500-0513-005 r 0B; IFC 11/20				
MD-000-3500-0514-001 r 0B; IFC 11/20				
MD-000-3500-0514-002 r 0B; IFC 11/20				
MD-000-3500-0514-003 r 0B; IFC 11/20				
MD-000-3500-0514-004 r 0B; IFC 11/20				

REFERENCE DRAWINGS				
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2				
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3				
AD-000-3500-0324-002 r 0B; IFC 11/20				
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5				
MD-000-3500-0515-001 r 0; IFC 10/20				
MD-000-3500-0515-002 r 0; IFC 10/20				
MD-000-3500-0515-003 r 0; IFC 10/20				
MD-000-3500-0515-004 r 0; IFC 10/20				
MD-000-3500-0515-005 r 0; IFC 10/20				
MD-000-3500-0515-006 r 0; IFC 10/20				
MD-000-3500-0515-007 r 0; IFC 10/20				
MD-000-3500-0515-008 r 0; IFC 10/20				
MD-000-3500-0515-009 r 0; IFC 10/20				
MD-000-3500-0515-010 r 0; IFC 10/20				

PHASE				
1	2	3	4	5
1	1	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

2 - PLATE WASHERS - PWS1

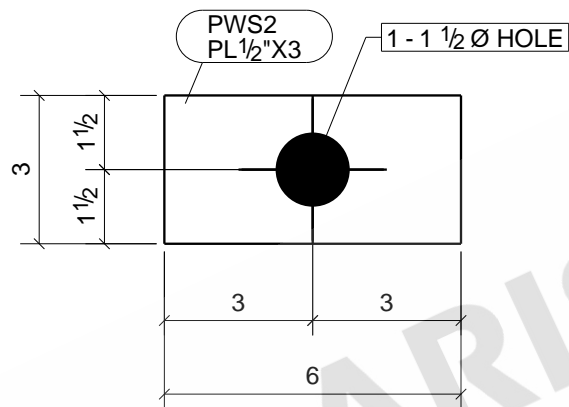
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
PWS1	2	PLATE WASHERS			SQ-2
PWS1	2	PL1/2"X3"	0'-3"	3	GALV A572-50
TOTAL WEIGHT THIS DRAWING				3	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	PLATE WASHER
DRAWN BY	MVK DATE 12/08/2020
CHECKED BY	NSP DATE 02/15/2021
REF	SEE REF DWG LIST
JOB No. 34800094	
DRG No.	PWS1
REV	0



REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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1	1	0	0	0

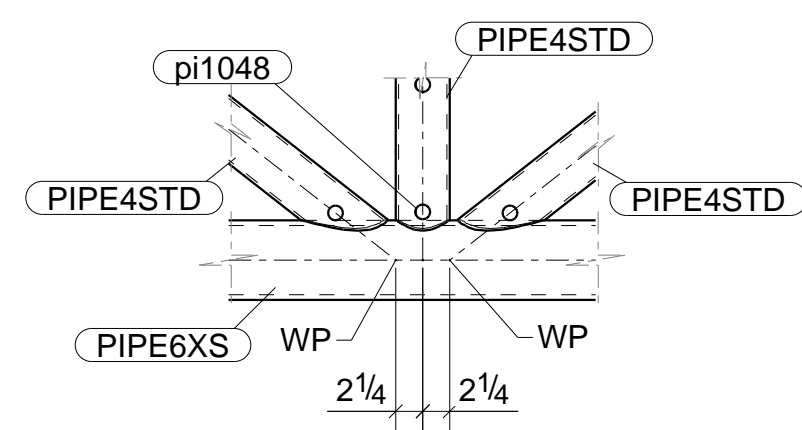
2 - PLATE WASHERS - PWS2

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

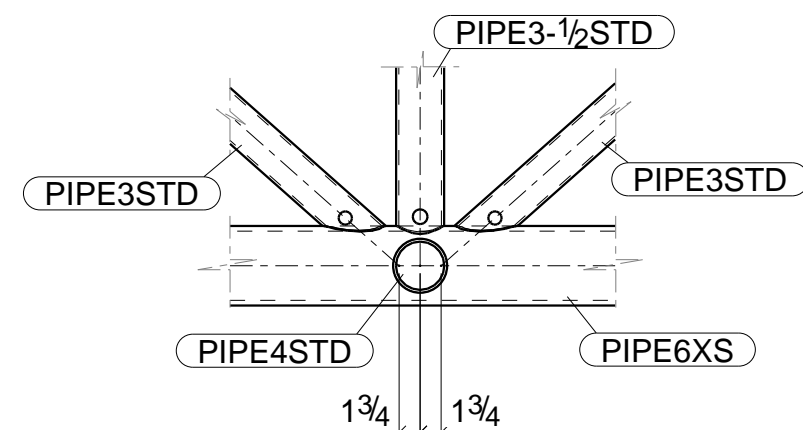
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
PWS2	2	PLATE WASHERS			SQ-2
PWS2	2	PL1/2"X3"	0'-6"	5	GALV A572-50
TOTAL WEIGHT THIS DRAWING				5	

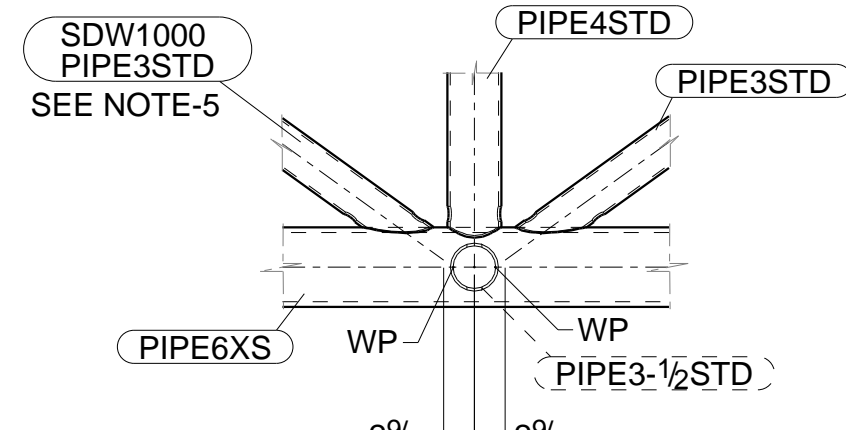
ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	PLATE WASHER
DRAWN BY	MVK DATE 12/08/2020
CHECKED BY	NSP DATE 02/15/2021
REF	SEE REF DWG LIST
JOB No. 34800094	
DRG No.	REV
PWS2	0



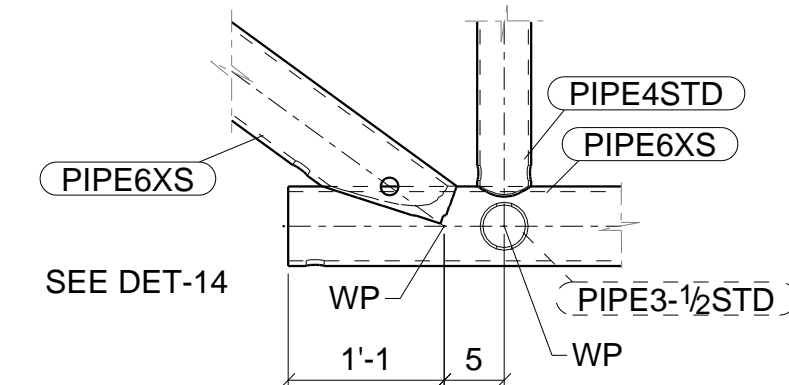
DETAIL-1
(REF:DET.-1/AD-000-3500-0324-002)



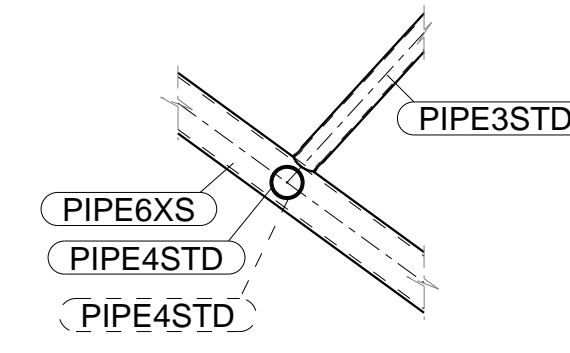
DETAIL-2
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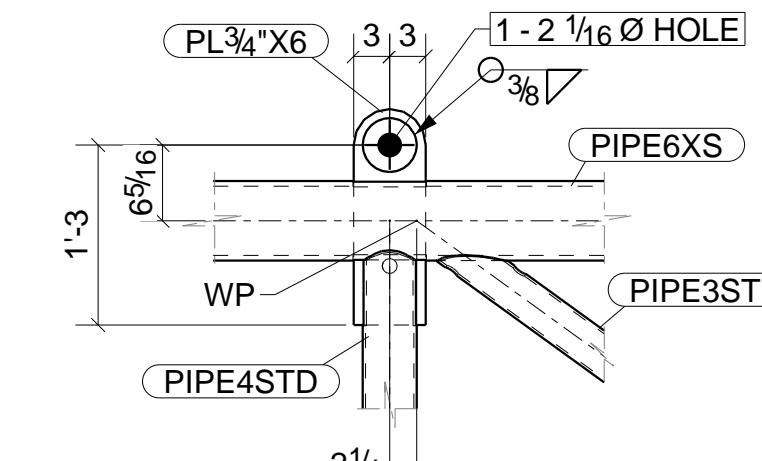
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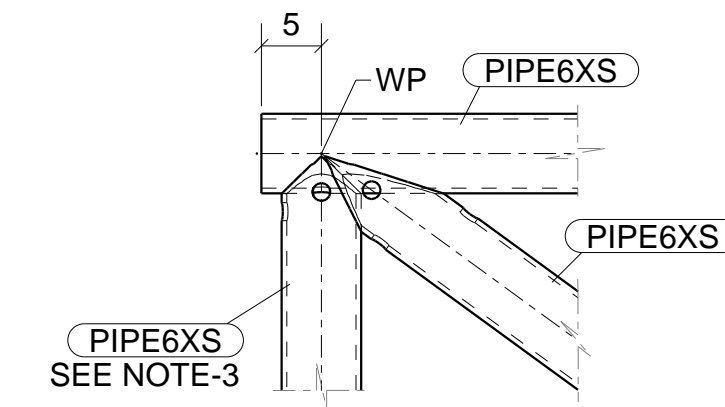
DETAIL-4
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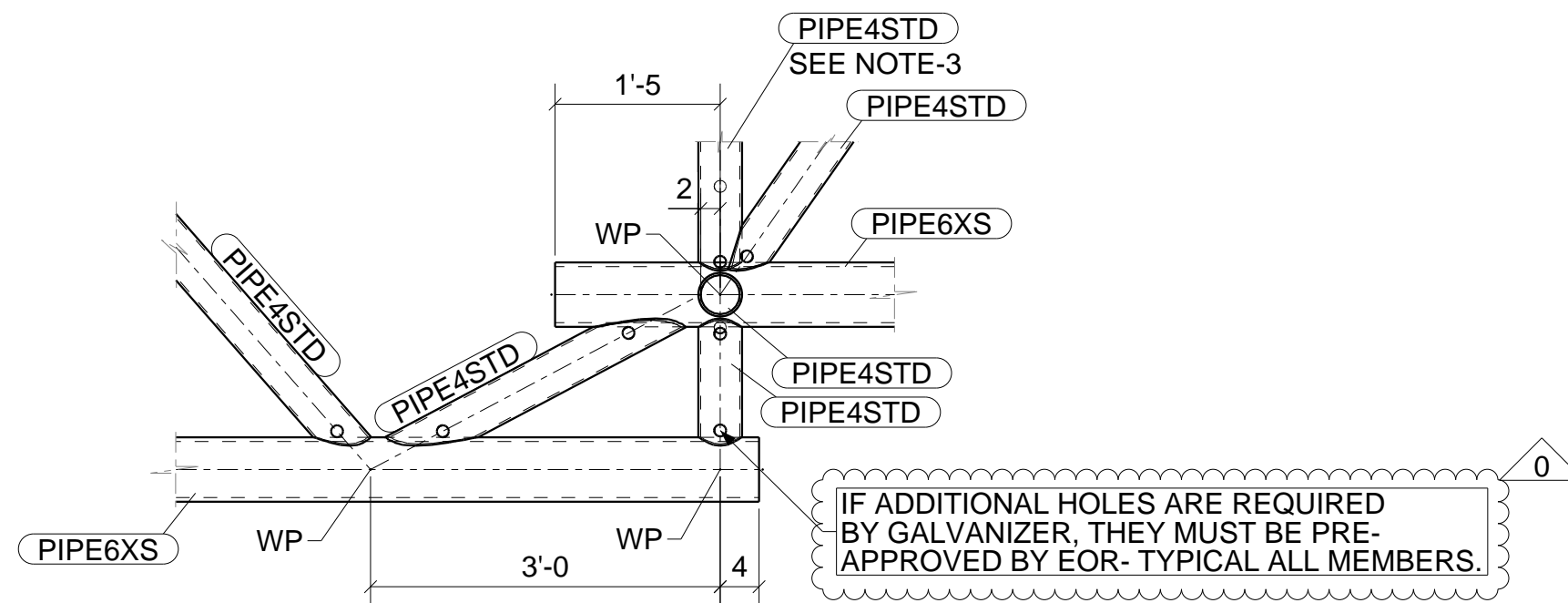
DETAIL-5
(REF:DET.-5/AD-000-3500-0324-002)



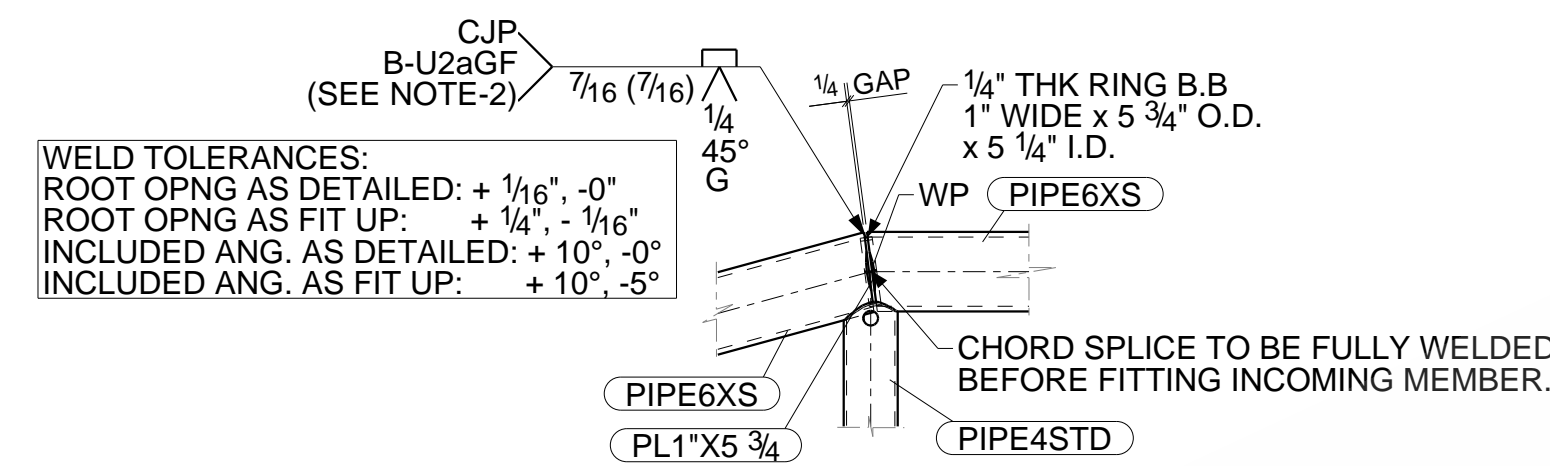
DETAIL-6
(REF:DET.-6/AD-000-3500-0324-002)
SEE NOTE-7



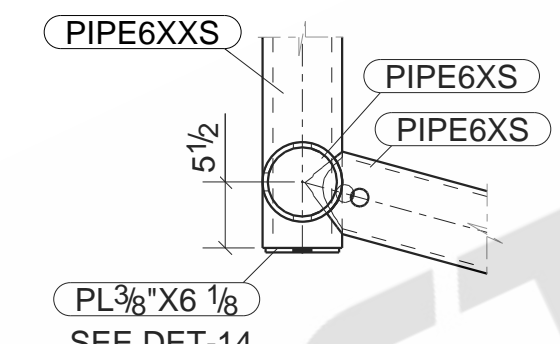
DETAIL-7
(REF:DET.-7/AD-000-3500-0324-002)



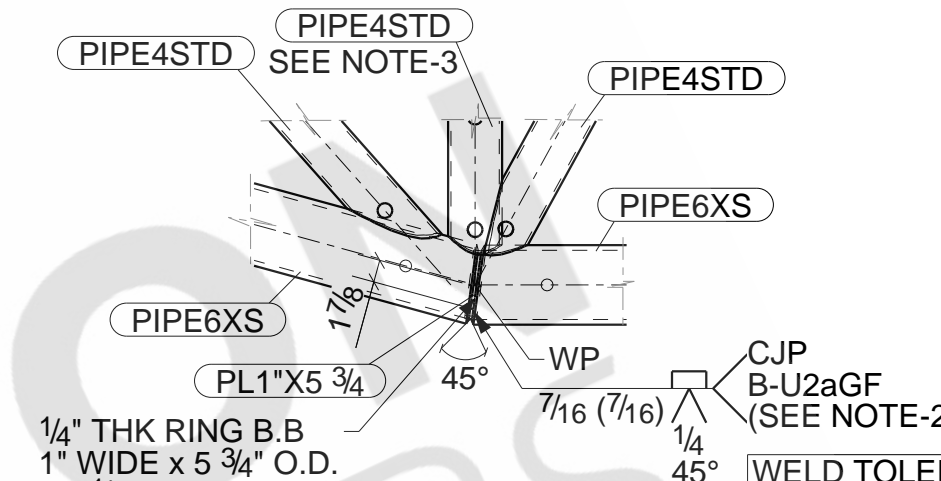
DETAIL-8
(REF:DET.-8/AD-000-3500-0324-002)



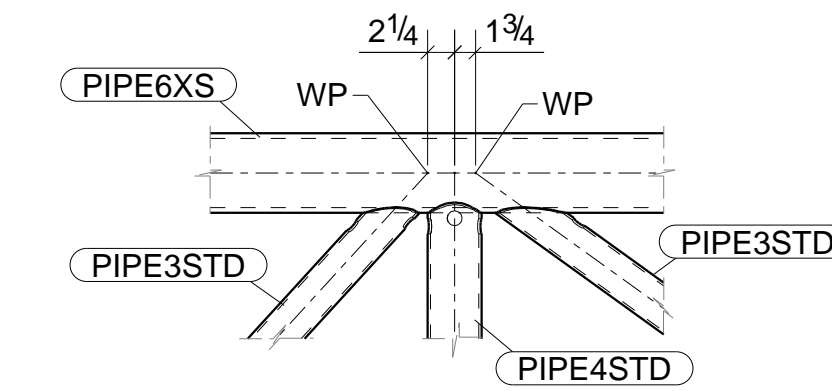
DETAIL-9
(REF:DET.-9/AD-000-3500-0324-002)



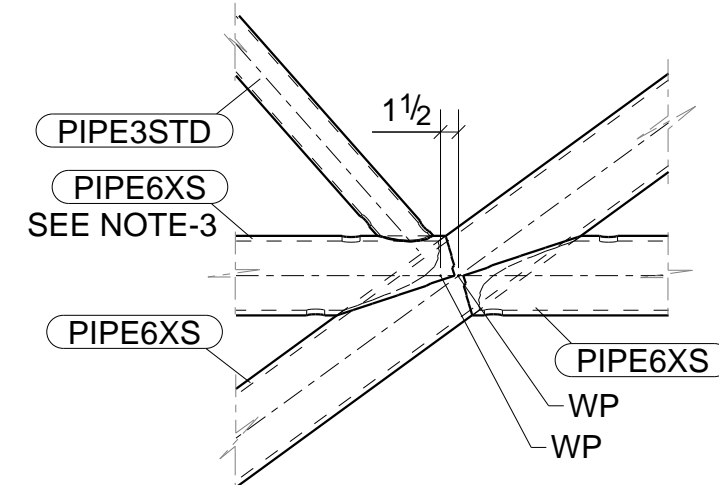
DETAIL-10
(REF:DET.-10/AD-000-3500-0324-002)



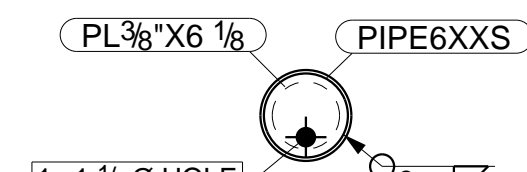
DETAIL-11
(REF:DET.-11/AD-000-3500-0324-002)



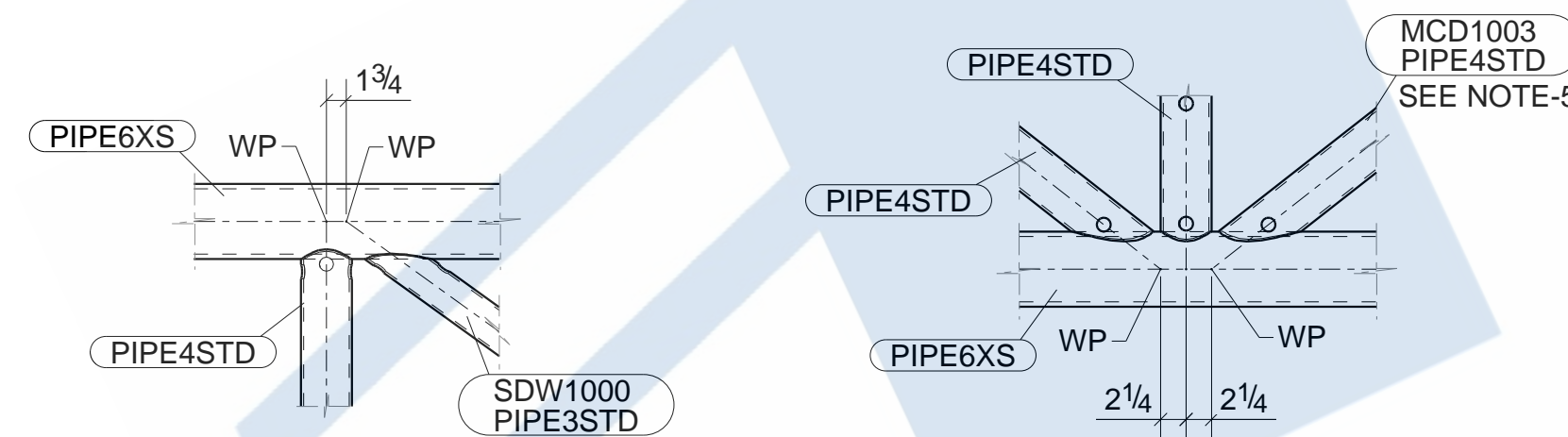
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(REF:DET.-12/AD-000-3500-0324-002)



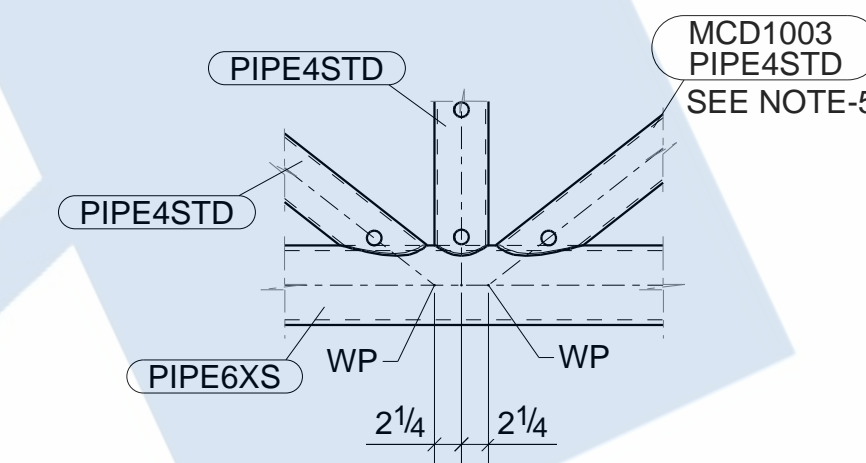
DETAIL-13
(REF:DET.-13/AD-000-3500-0324-002)



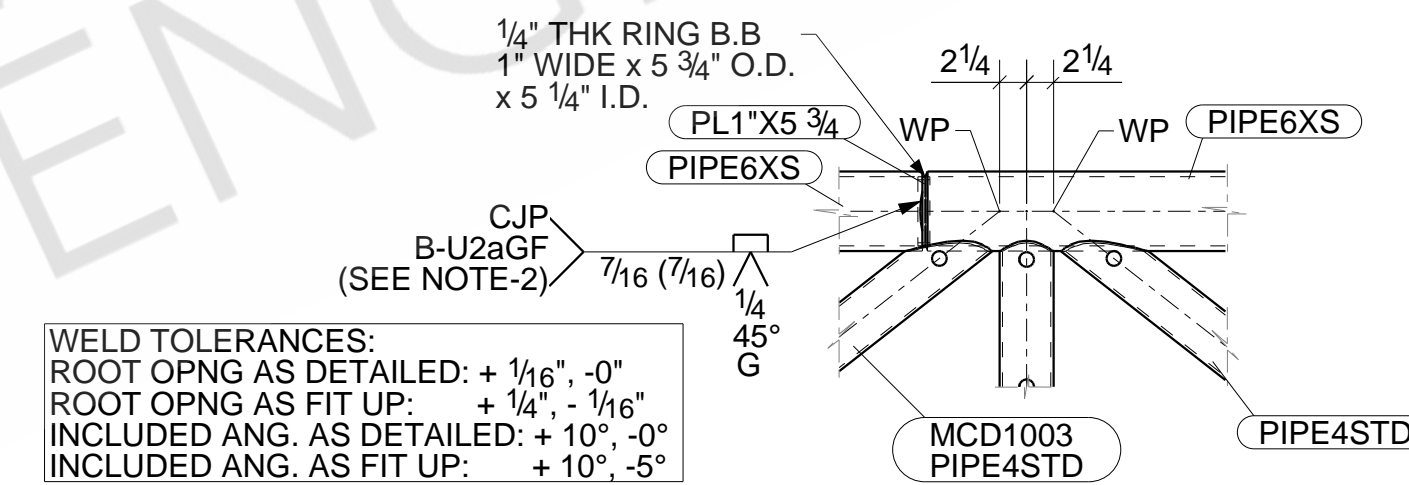
DETAIL-14
(REF:DET.-14/AD-000-3500-0324-002)



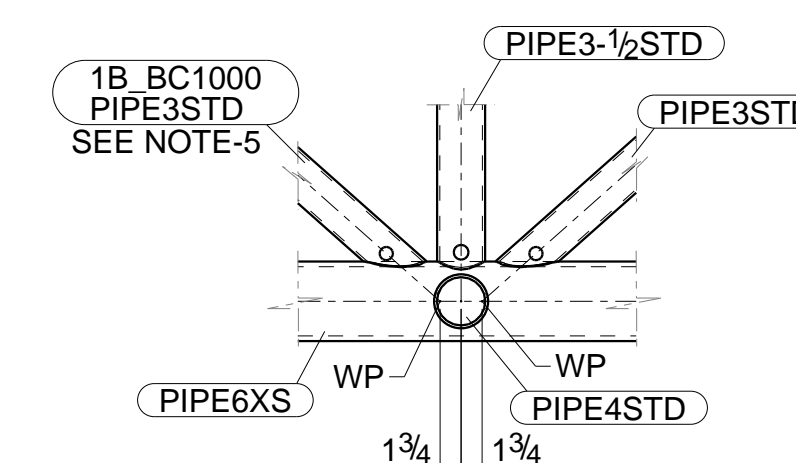
DETAIL-15



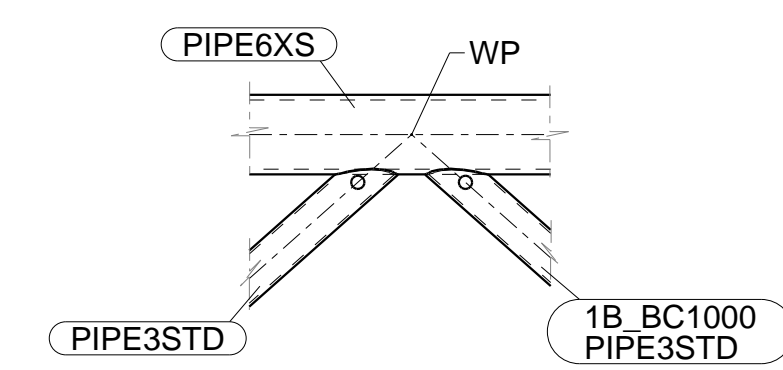
DETAIL-16



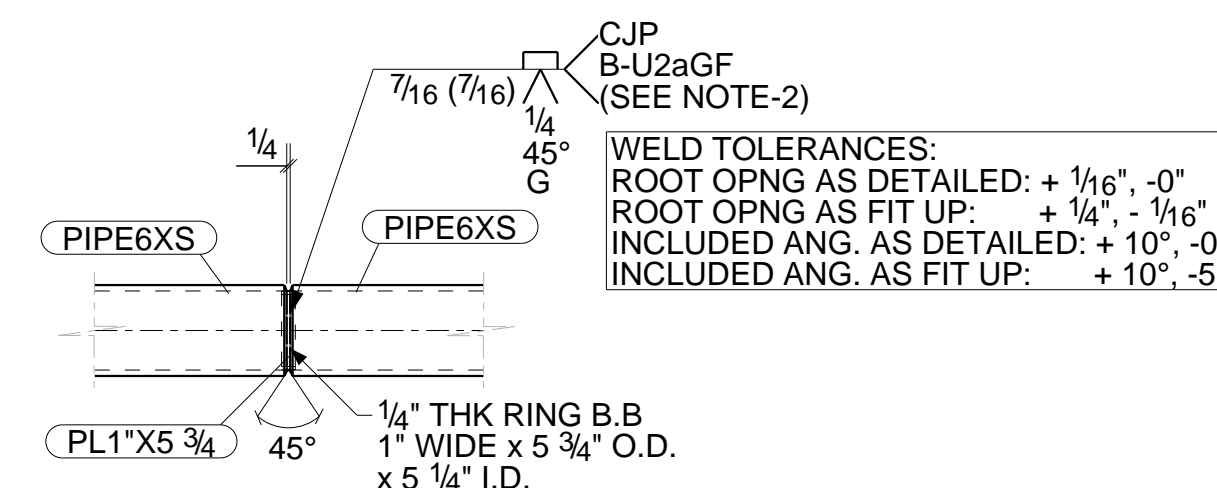
DETAIL-17



DETAIL-18



DETAIL-19



DETAIL-20
(TYP ASSY & SUB-ASSY CJP SPLICE-WELD DETAIL)
(SEE NOTE-2)

NOTE:
FOR LOCATION SEE SA1000 TO SA1007 & TR1000 TO TR1003

- NOTE:
1) SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPEDED PIPES.
2) TOUCH UP AND REPAIR OF HOT DIP GALVANIZING IN THE SHOP ARE TO BE PERFORMED USING ZINC SPRAY METALLIZING / ZINC THERMAL SPRAY.
3) MIDDLE PIPE4STD TO BE FULLY FITTED AND WELDED PRIOR TO FITTING OTHER DIAGONALS.
4) FOR PIPE WELDING DETAILS REFER DRAWING NO. (AD-000-3500-0325-001) UNO.
5) PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL FOR 2" AT BOTH END OF ASSEMBLY.
6) PIPE6XS TO BE FULLY FITTED AND WELDED PRIOR TO FITTING OTHER DIAGONALS.
7) LIFTING LUG TO BE EXAMINED BY 100% MAGNETIC PARTICLE INSPECTION. SUBMIT NDE TESTING RESULT TO CLIENT.

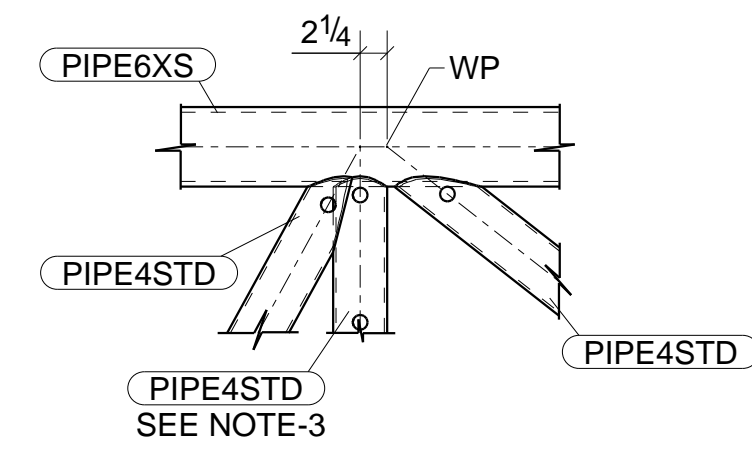
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AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-005 r 0; IFC 10/20
MD-000-3500-0515-006 r 0; IFC 10/20
MD-000-3500-0515-007 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-010 r 0; IFC 10/20

REFERENCE DRAWINGS
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
MD-000-3500-0513-001 r 0A; IFC 11/20
MD-000-3500-0513-002 r 0A; IFC 09/20
MD-000-3500-0513-003 r 0A; IFC 09/20
MD-000-3500-0513-004 r 0A; IFC 11/20
MD-000-3500-0513-005 r 0B; IFC 11/20
MD-000-3500-0514-001 r 0B; IFC 11/20
MD-000-3500-0514-002 r 0B; IFC 11/20
MD-000-3500-0514-003 r 0B; IFC 11/20
MD-000-3500-0514-004 r 0B; IFC 11/20

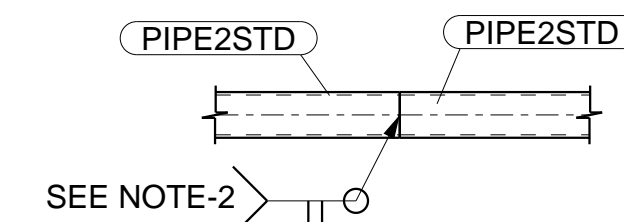
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B	01/25/2021	RE-ISSUED FOR APPROVAL	NSP	SAP
A	12/11/2020	ISSUED FOR APPROVAL	NSP	SAP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16" O.U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

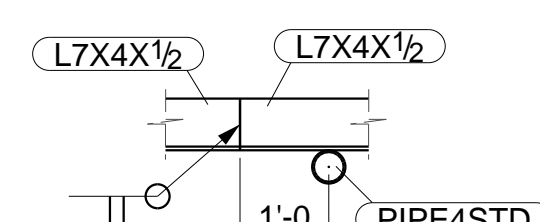
ARCHITECT			
ENGINEER			
CONTRACTOR			
PROJECT NAME AND LOCATION			(SE & NW)
DESCRIPTION	SECTION & DETAILS		
DRAWN BY	MVK	DATE	12/08/2020
CHECKED BY	NSP	DATE	02/15/2021
REF.	SEE REF DWG LIST		
	DWG (SE & NW)		
JOB No.	34800094		
DRG No.	SA1001-1		
REV	0		



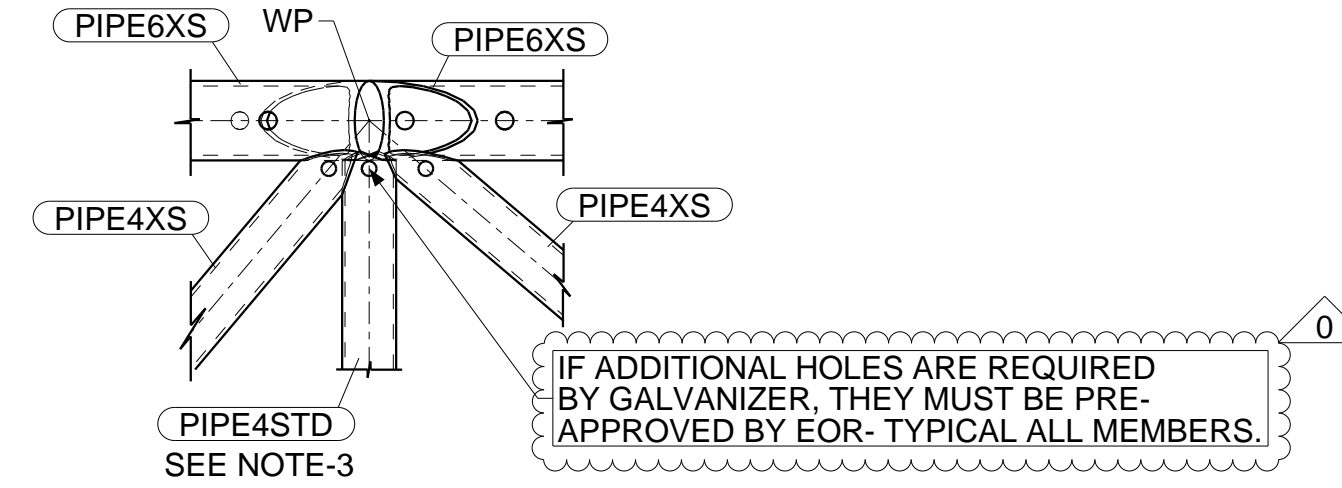
DETAIL-21



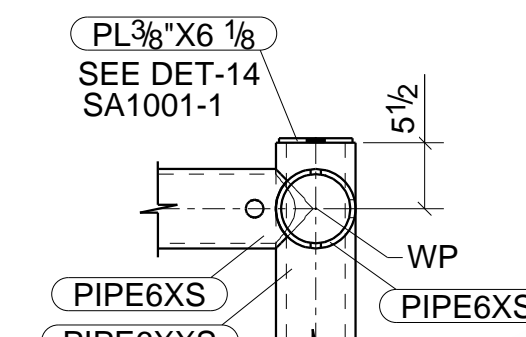
DETAIL-22



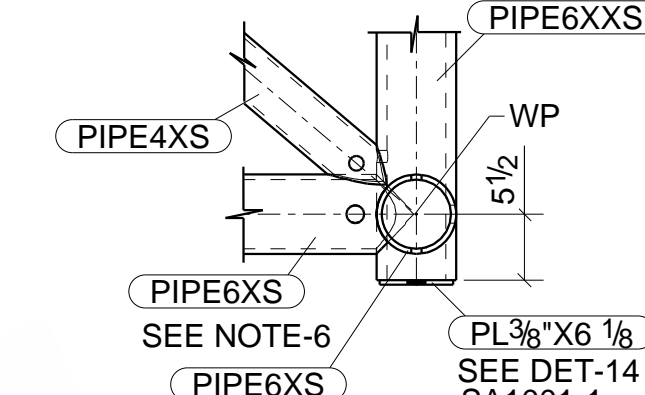
DETAIL-23



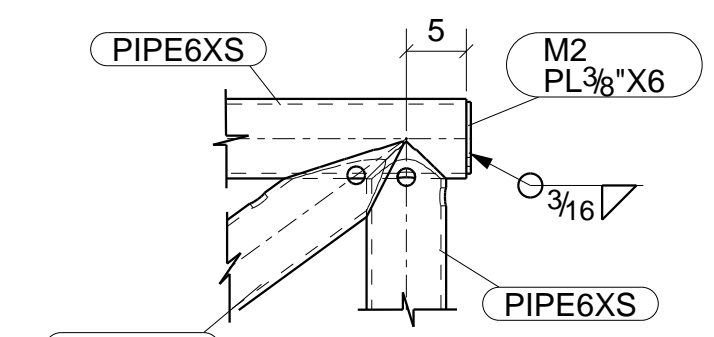
DETAIL-24



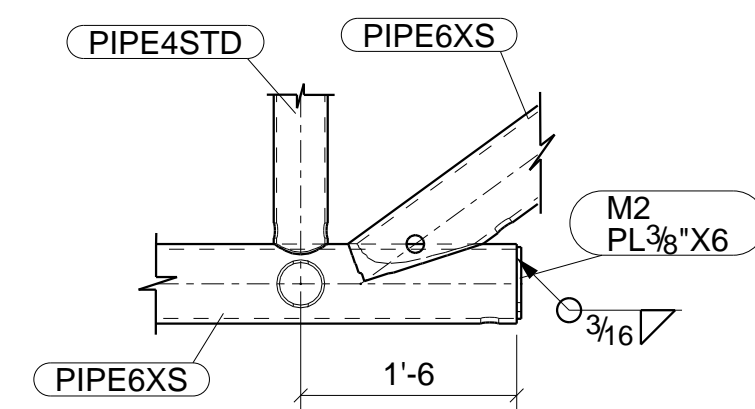
DETAIL-25



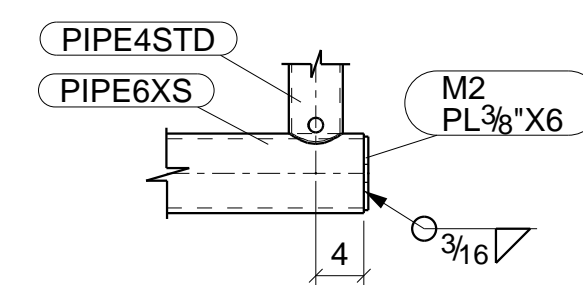
DETAIL-26



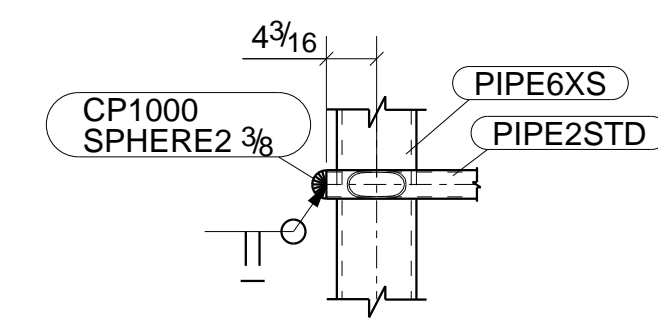
DETAIL-27



DETAIL-28



DETAIL-29



DETAIL-30

SHOP NOTE:
 1) * INDICATES HOLE IS TO BE LEFT OPEN.
 2) PLUG ALL OTHER U.N.O.

REFERENCE DRAWINGS
 AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
 MD-000-3500-0513-001 r 0A; IFC 11/20
 MD-000-3500-0513-002 r 0A; IFC 09/20
 MD-000-3500-0513-003 r 0A; IFC 09/20
 MD-000-3500-0513-004 r 0A; IFC 11/20
 MD-000-3500-0513-005 r 0B; IFC 11/20
 MD-000-3500-0514-001 r 0B; IFC 11/20
 MD-000-3500-0514-002 r 0B; IFC 11/20
 MD-000-3500-0514-003 r 0B; IFC 11/20
 MD-000-3500-0514-004 r 0B; IFC 11/20

NOTE:
 FOR LOCATION SEE SA1000 TO SA1007 & TR1000 TO TR1003

- NOTE:
 1) SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPEDED PIPES.
 2) AFTER FINISHING WELD THOROUGHLY COAT WELD AREA WITH ZRC(OR EQUAL) "COLD-GALV" COMPOUND.
 3) MIDDLE PIPE4STD TO BE FULLY FITTED AND WELDED PRIOR TO FITTING OTHER DIAGONALS.
 4) FOR PIPE WELDING DETAILS REFER DRAWING NO. (AD-000-3500-0325-001) UNO.
 5) PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL FOR 2" AT BOTH END OF ASSEMBLY.
 6) PIPE6XS TO BE FULLY FITTED AND WELDED PRIOR TO FITTING OTHER DIAGONALS.
 7) USE E309L FOR WELDING MATERIAL BETWEEN SS AND CS

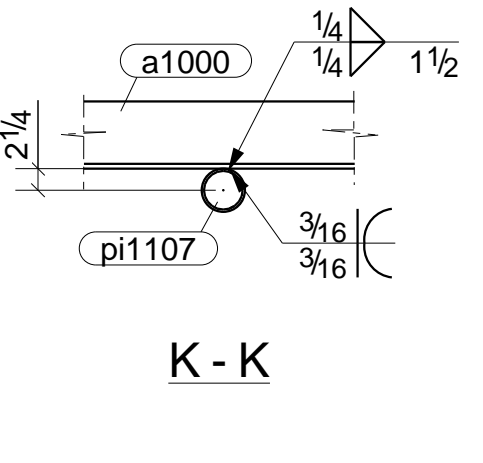
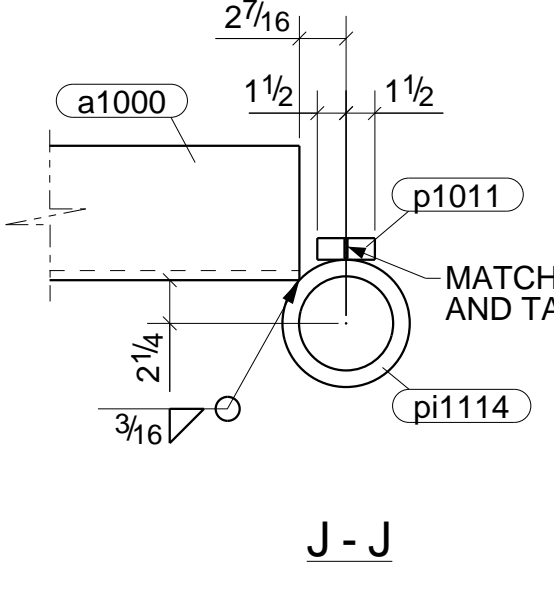
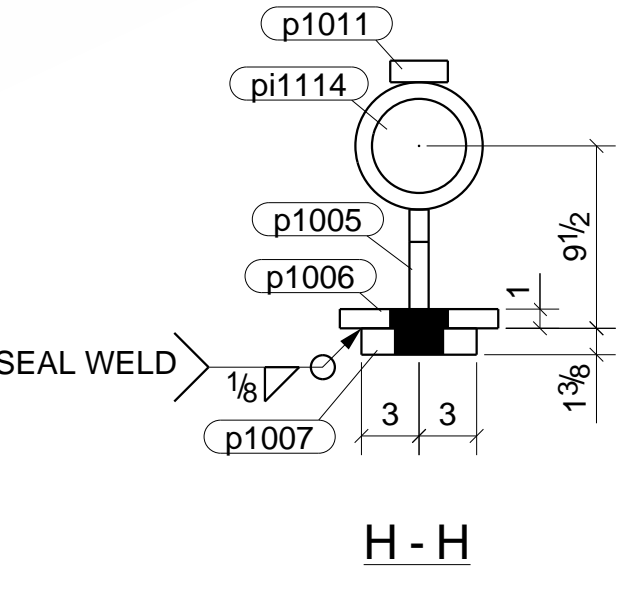
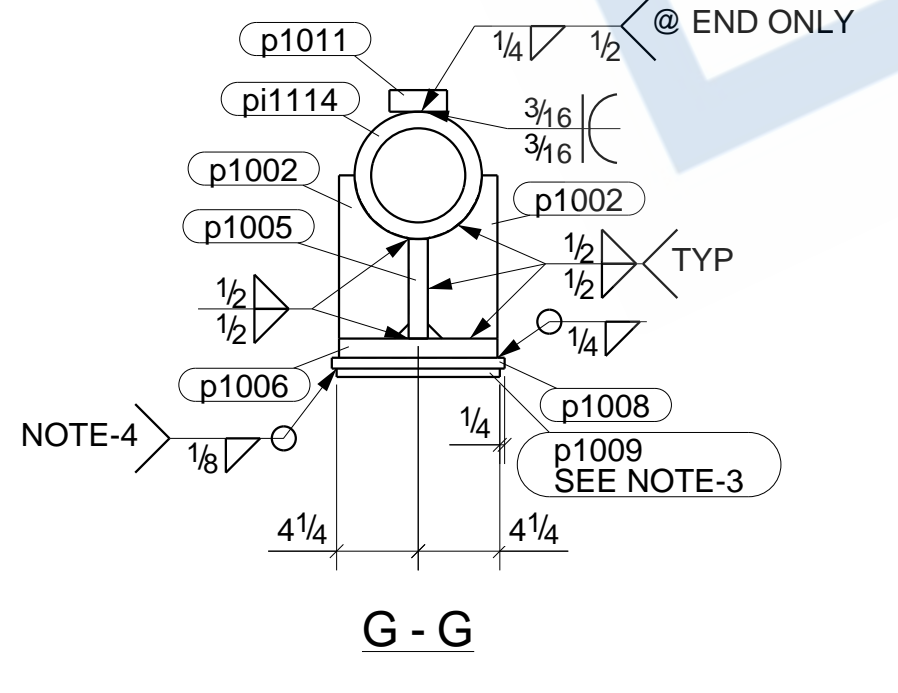
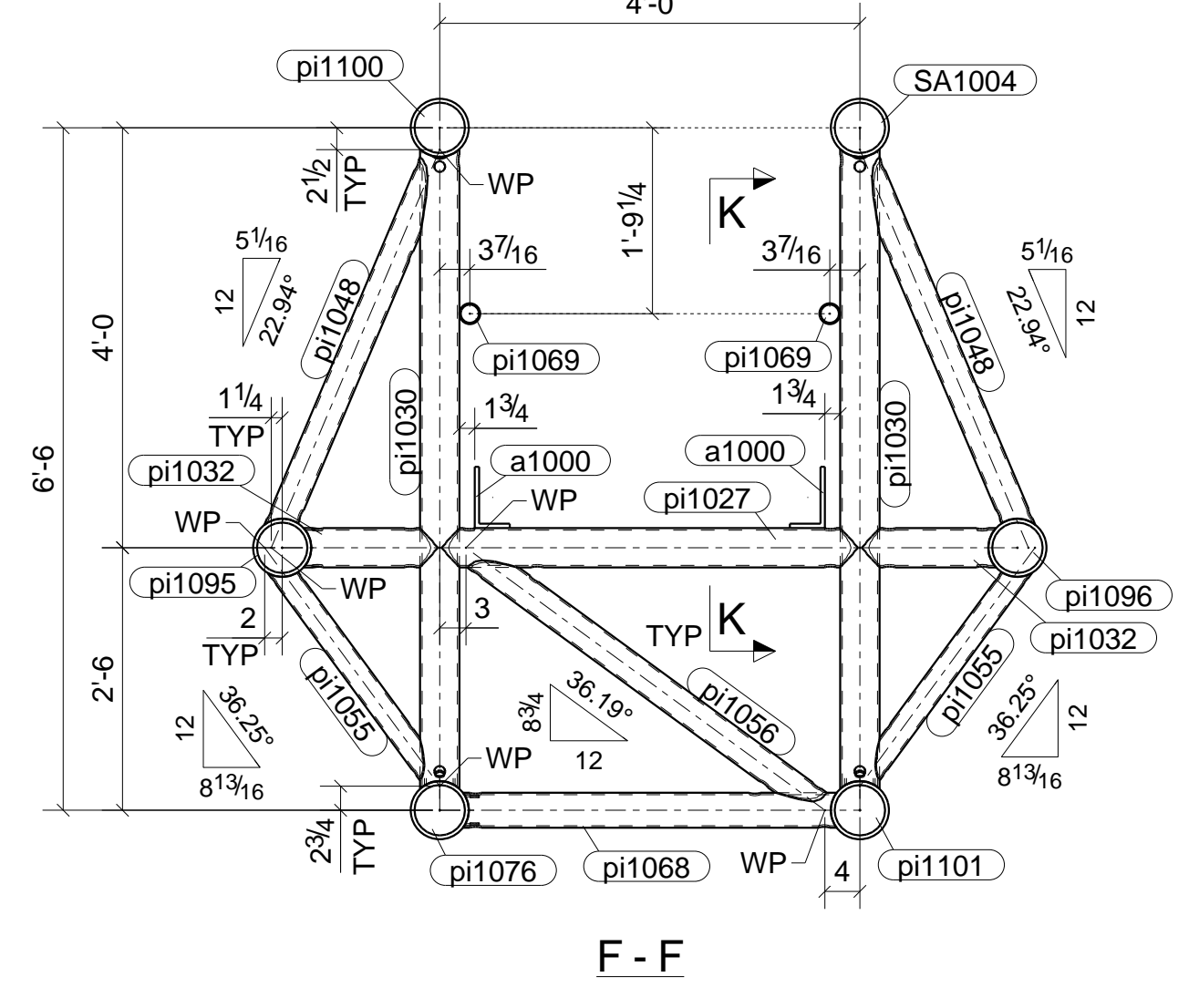
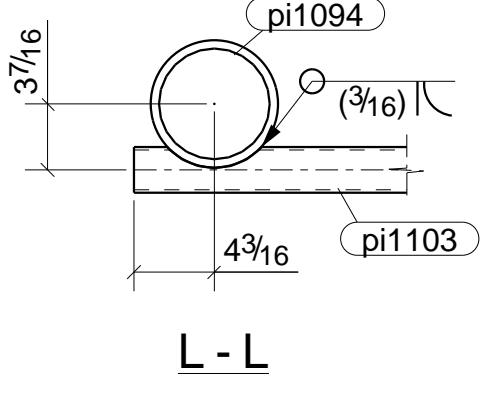
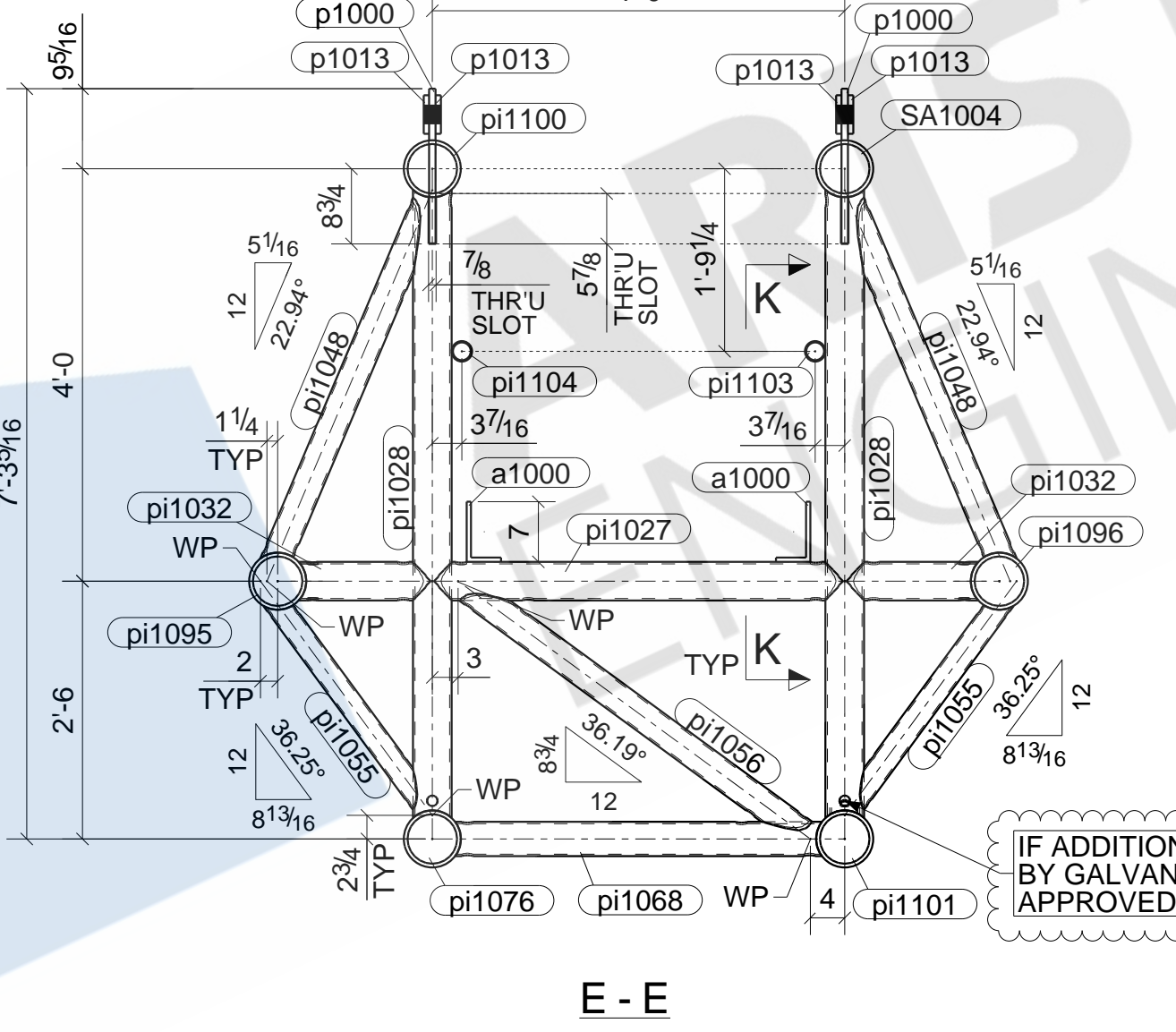
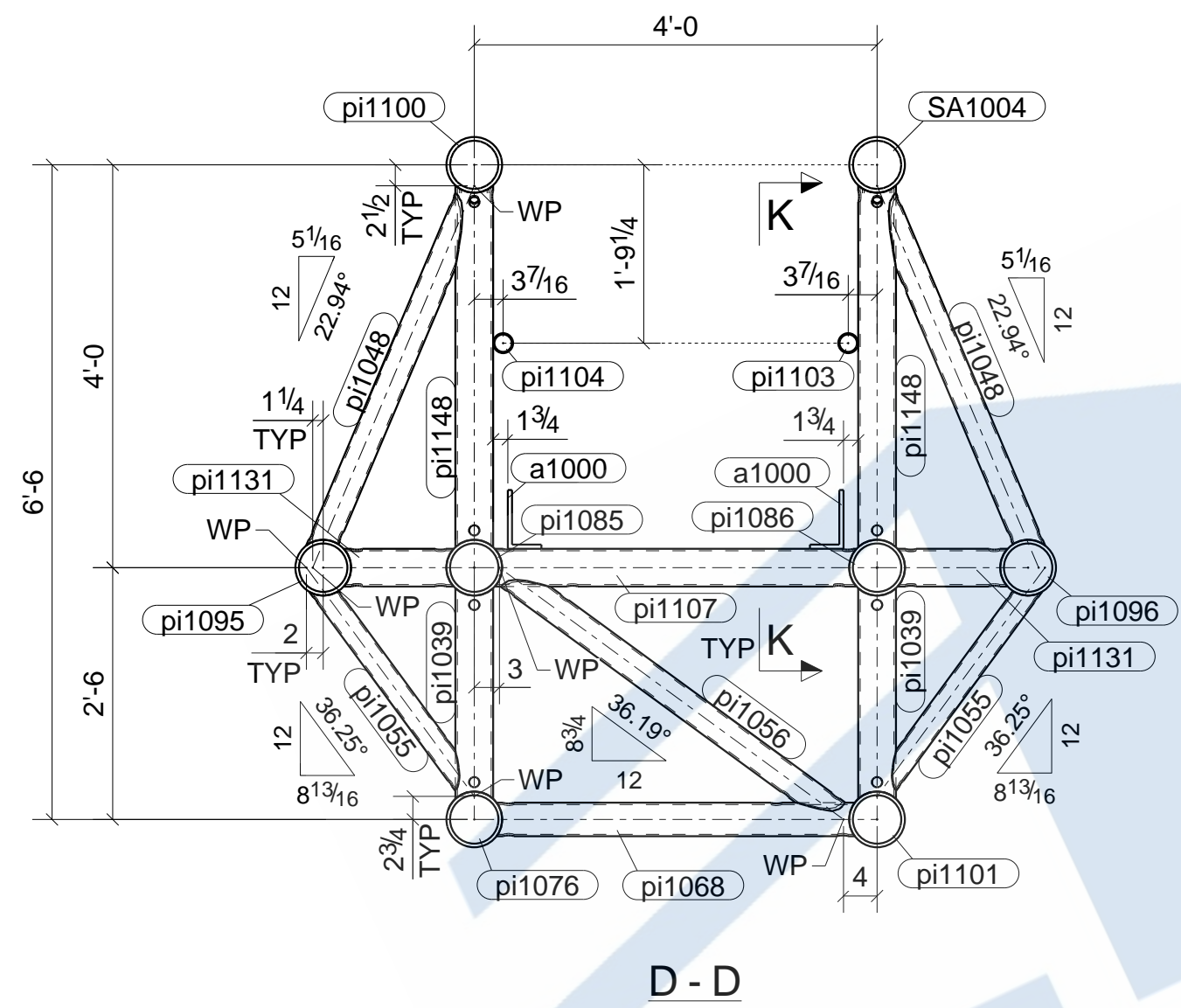
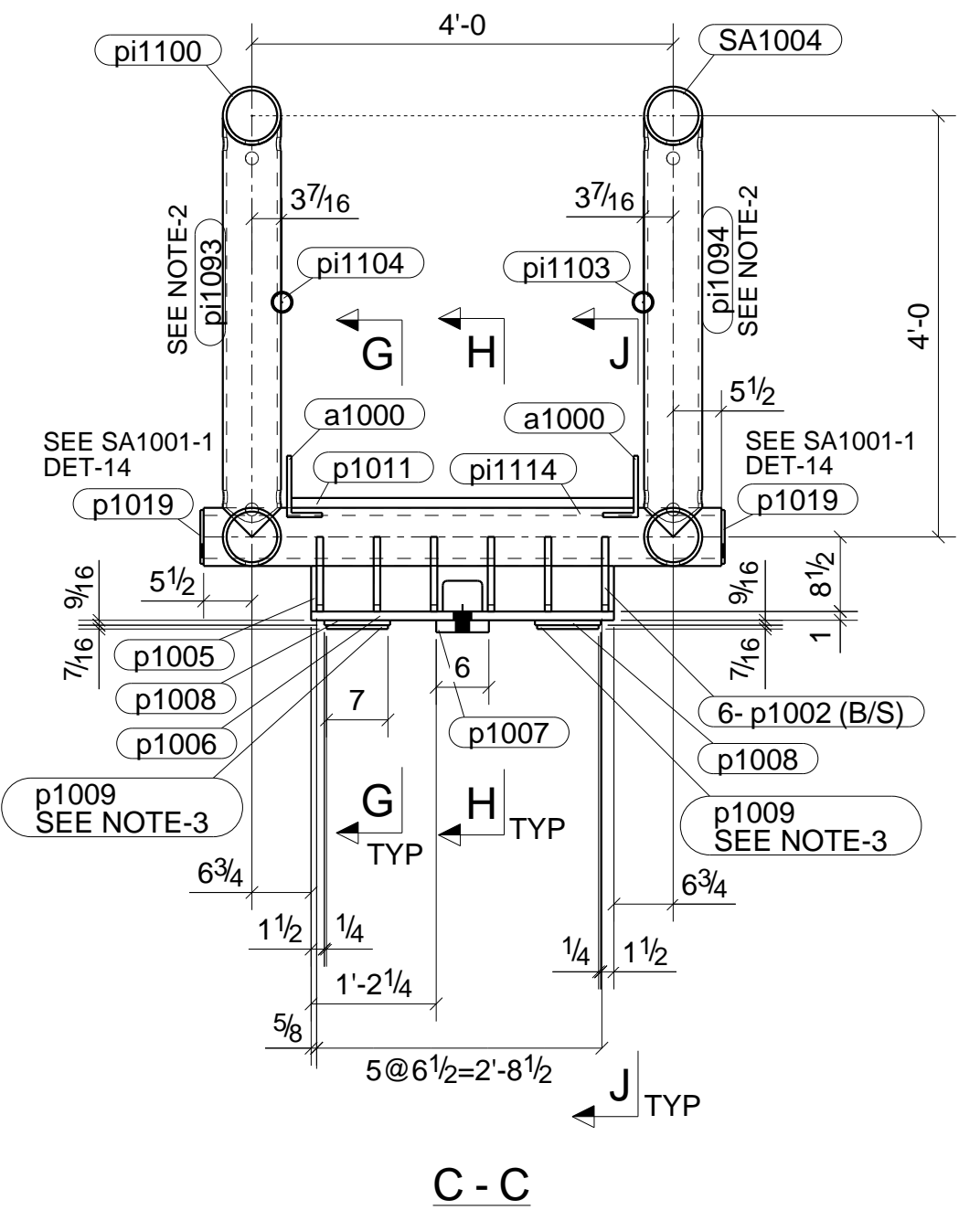
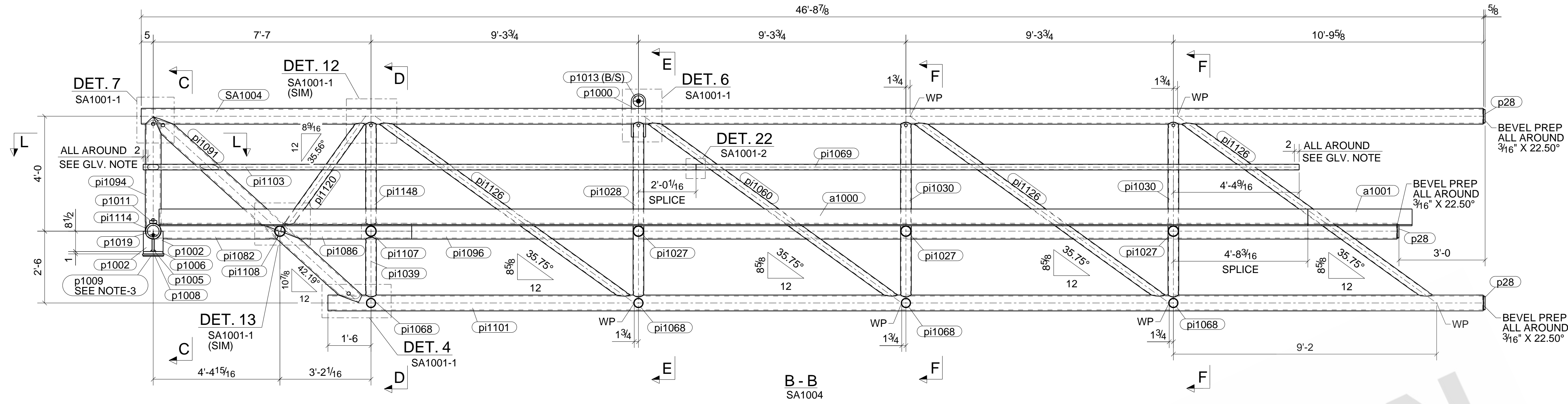
REFERENCE DRAWINGS
 AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
 MD-000-3500-0515-009 r 0; IFC 10/20
 MD-000-3500-0515-010 r 0; IFC 10/20

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE-ISSUED FOR APPROVAL	NSP	SAP
A	12/11/2020	ISSUED FOR APPROVAL	ASM	SAP

HLE SIZE U.N.: 13/16" Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	(SE & NW)
DESCRIPTION	SECTION & DETAILS
DRAWN BY	MVK DATE 12/11/2020
CHECKED BY	NSP DATE 02/15/2021
REF. SEE REF DWG LIST DWG (SE & NW)	
JOB No. 34800094	
DRG No. SA1001-2	
REV 0	

ARISTON ENGINEERS



BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SA1004	1	TRUSS			SQ-2
SA1004	1	PIPE6XS	46'-8 7/8"	1245	A53-GR.B
a1000	2	L7X4X1/2	40'-0"	1432	A36
a1001	2	L7X4X1/2	3'-7 9/16"	130	A36
p28	6	PL1"x5 3/4"	0'-5 3/4"	7	A36
p1000	2	PL3/4"x6"	1'-6"	44	A572-50
p1002	12	PL3/4"x3 5/8"	0'-8 1/2"	61	A572-50
p1005	1	PL1"x5 3/16"	2'-10 1/2"	46	A572-50
p1006	1	PL1"x8 1/4"	2'-10 1/2"	81	A572-50
p1007	1	PL1 3/8"x6"	0'-6"	14	A572-50
p1008	2	PL9/16"x7 1/2"	0'-9"	22	A572-50
p1009	2	FLUOROGOLD FC-1037SS	BOI	15	A572-50
p1011	1	PL1 1/8"x3"	3'-3"	37	A572-50
p1013	4	PL5/8"x4 7/16"	0'-4 1/2"	11	A572-50
p1019	2	PL3/8"x6 1/8"	0'-6 1/8"	6	A36
pi1027	3	PIPE4STD	3'-11 5/8"	120	A53-GR.B
pi1028	2	PIPE4STD	6'-1 1/8"	123	A53-GR.B
pi1030	4	PIPE4STD	6'-1 1/8"	245	A53-GR.B
pi1032	6	PIPE4STD	1'-3 3/8"	77	A53-GR.B
pi1039	2	PIPE4STD	2'-1 1/8"	42	A53-GR.B
pi1044	2	PIPE4STD	2'-8 11/16"	55	A53-GR.B
pi1048	8	PIPE3STD	3'-9 11/16"	215	A53-GR.B
pi1055	8	PIPE2-1/2STD	2'-5 3/8"	107	A53-GR.B
pi1056	4	PIPE3STD	4'-0 5/16"	113	A53-GR.B
pi1060	2	PIPE3STD	10'-6 7/16"	148	A53-GR.B
pi1068	4	PIPE3-1/2STD	3'-6 11/16"	121	A53-GR.B
pi1069	2	PIPE2STD	21'-0"	146	A53-GR.B
pi1076	1	PIPE6XS	37'-2 7/8"	992	A53-GR.B
pi1082	1	PIPE6XS	4'-4 3/8"	116	A53-GR.B
pi1085	1	PIPE6XS	4'-6 3/4"	122	A53-GR.B
pi1086	1	PIPE6XS	4'-6 3/4"	122	A53-GR.B
pi1091	1	PIPE6XS	9'-7 7/16"	256	A53-GR.B
pi1092	1	PIPE6XS	4'-4 3/8"	116	A53-GR.B
pi1093	1	PIPE6XS	3'-11 13/16"	106	A53-GR.B
pi1094	1	PIPE6XS	3'-11 13/16"	106	A53-GR.B
pi1095	1	PIPE6XS	39'-0 7/8"	1041	A53-GR.B
pi1096	1	PIPE6XS	36'-0 7/8"	961	A53-GR.B
pi1099	1	PIPE6XS	9'-7 7/16"	256	A53-GR.B
pi1100	1	PIPE6XS	43'-8 7/8"	1166	A53-GR.B
pi1101	1	PIPE6XS	40'-2 7/8"	1072	A53-GR.B
pi1103	1	PIPE2STD	19'-3"	67	A53-GR.B
pi1104	1	PIPE2STD	19'-3"	67	A53-GR.B
pi1107	1	PIPE4STD	3'-7 1/8"	36	A53-GR.B
pi1108	1	PIPE4STD	3'-6 7/8"	36	A53-GR.B
pi1111	1	PIPE4STD	8'-10 3/4"	90	A53-GR.B
pi1112	1	PIPE4STD	4'-5 3/16"	45	A53-GR.B
pi1114	1	PIPE4XS	4'-11"	246	A53-GR.B
pi1117	1	PIPE4XS	5'-5 3/16"	77	A53-GR.B
pi1119	1	PIPE4XS	4'-8"	66	A53-GR.B
pi1120	2	PIPE3STD	4'-5 5/16"	63	A53-GR.B
pi1126	5	PIPE3STD	10'-6 13/16"	372	A53-GR.B
pi1130	1	PIPE4STD	10'-11 1/8"	110	A53-GR.B
pi1131	2	PIPE4STD	1'-1 1/8"	22	A53-GR.B
pi1132	1	PIPE4STD	4'-5 3/16"	45	A53-GR.B
pi1148	2	PIPE4STD	3'-7 1/8"	72	A53-GR.B
pi1268	1	PIPE4STD	10'-11 1/8"	110	A53-GR.B
pi1270	3	PIPE3STD	5'-6 3/16"	117	A53-GR.B
pi1271	4	PIPE3STD	5'-6 3/16"	155	A53-GR.B
	1	1 3/8"Ø A325N GALV BOLT	0'-7"		Site
TOTAL WEIGHT THIS DRAWING				12892	

WORK THIS DRAWING WITH SA1004

SHOP NOTE:
SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPED PIPES.

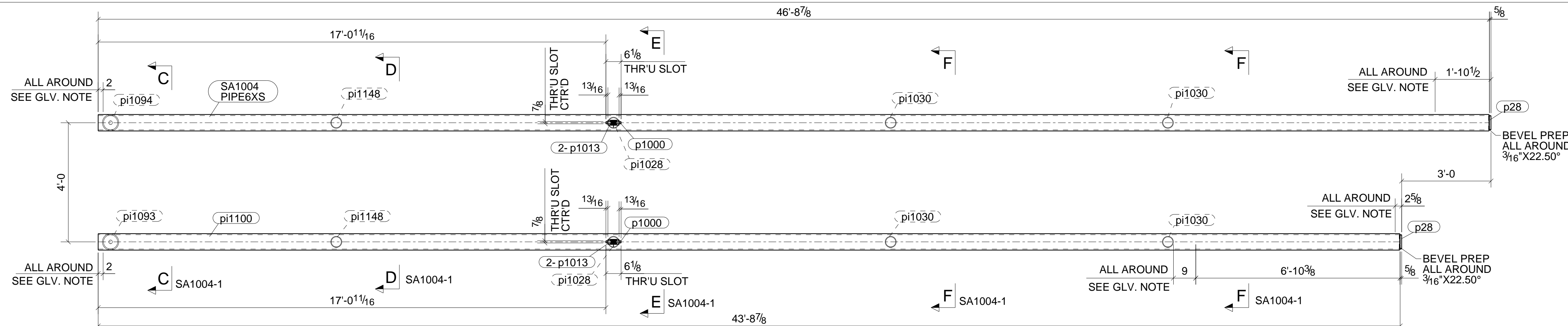
GALVANIZING NOTE:
PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL.

- NOTE:
1) FOR TYPICAL SECTIONS & DETAILS SEE SA1001-1 & SA1001-2.
2) PIPE6XS TO BE FULLY FITTED AND WELDED PRIOR TO FITTING OTHER DIAGONALS.
3) SLIDE BEARING PLATES TO BE SHOP WELDED/WELDED AFTER GALVANIZING.
4) USE E309L FOR WELDING MATERIAL BETWEEN SS AND CS.

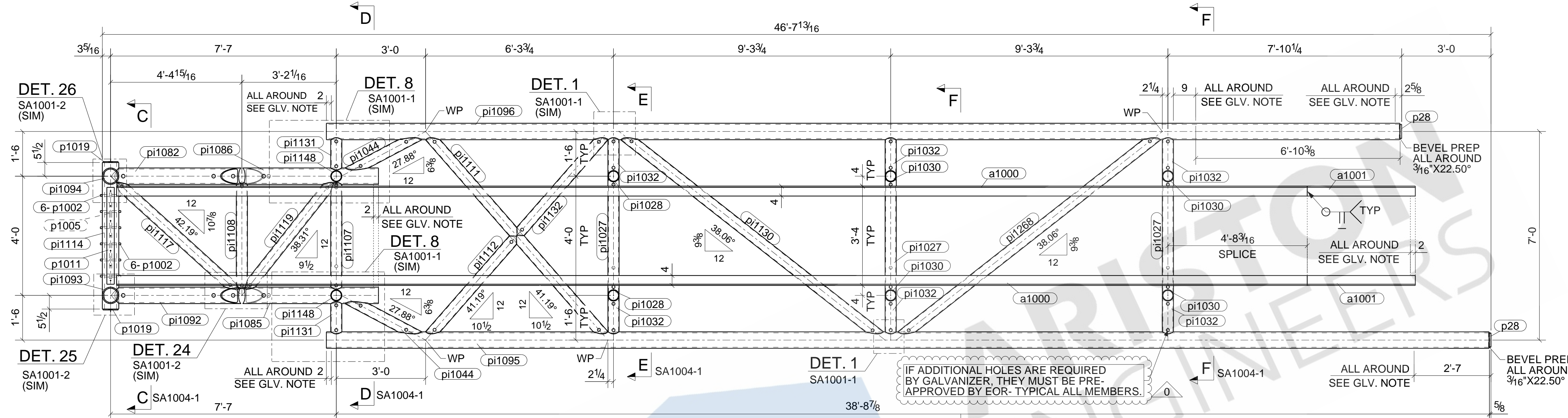
REFERENCE DRAWINGS

- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
- AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
- AD-000-3500-0324-002 r 0B; IFC 11/20
- AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
- MD-000-3500-0515-001 r 0; IFC 10/20
- MD-000-3500-0515-002 r 0; IFC 10/20
- MD-000-3500-0515-003 r 0; IFC 10/20
- MD-000-3500-0515-004 r 0; IFC 10/20
- MD-000-3500-0515-005 r 0; IFC 10/20
- MD-000-3500-0515-006 r 0; IFC 10/20
- MD-000-3500-0515-007 r 0; IFC 10/20
- MD-000-3500-0515-008 r 0; IFC 10/20
- MD-000-3500-0515-009 r 0; IFC 10/20
- MD-000-3500-0515-010 r 0; IFC 10/20

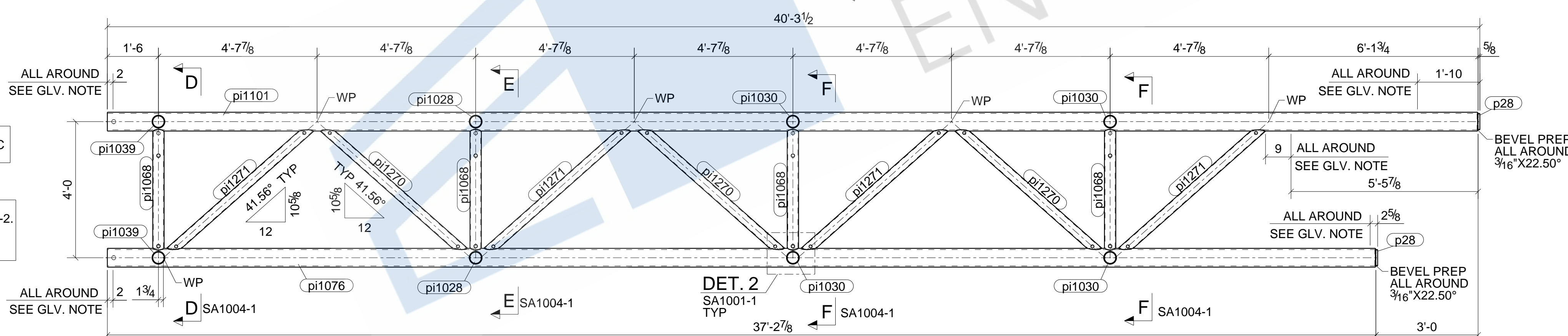
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A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16"Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123				
ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION	TRUSS		JOB No.	3480094
DRAWN BY	MVK	DATE	12/29/2020	REF
CHECKED BY	NSP	DATE	03/04/2021	DWG
				DRG No.
				SA1004-1
				REV
				0



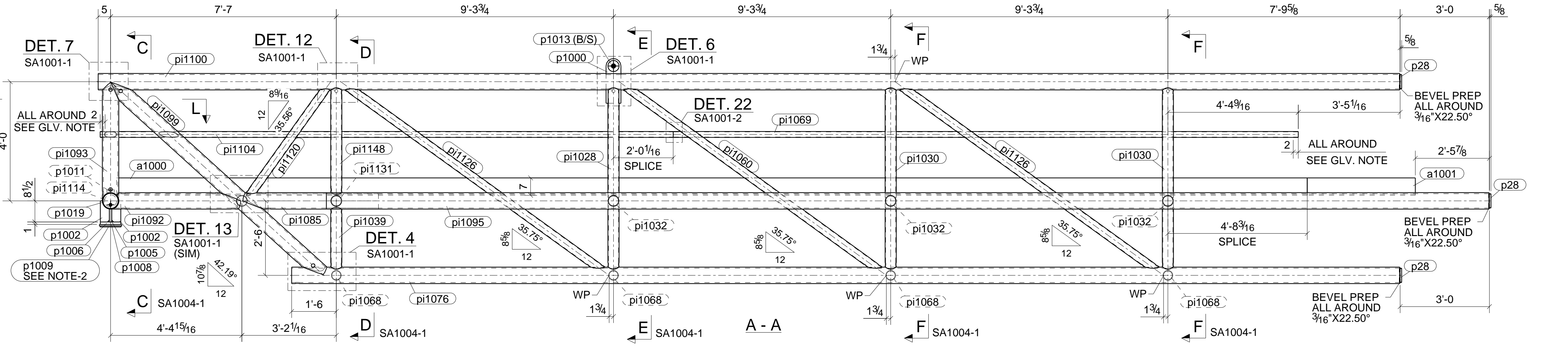
TRUSS-SA1004 PLAN @ TOP CHORD



TRUSS-SA1004 PLAN @ MID CHORD



TRUSS-SA1004 PLAN @ BOTTOM CHORD



WORK THIS DRAWING WITH SA1004-1

SHOP NOTE:
SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD-PREP BEVELING DETAILS FOR ALL COPEDED PIPES.

GALVANIZING NOTE:
PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL.

NOTE:
1) FOR TYPICAL SECTIONS & DETAILS SEE SA1001-1 & SA1001-2.
2) SLIDE BEARING PLATES TO BE SHOP WELDED/WELDED AFTER GALVANIZING.

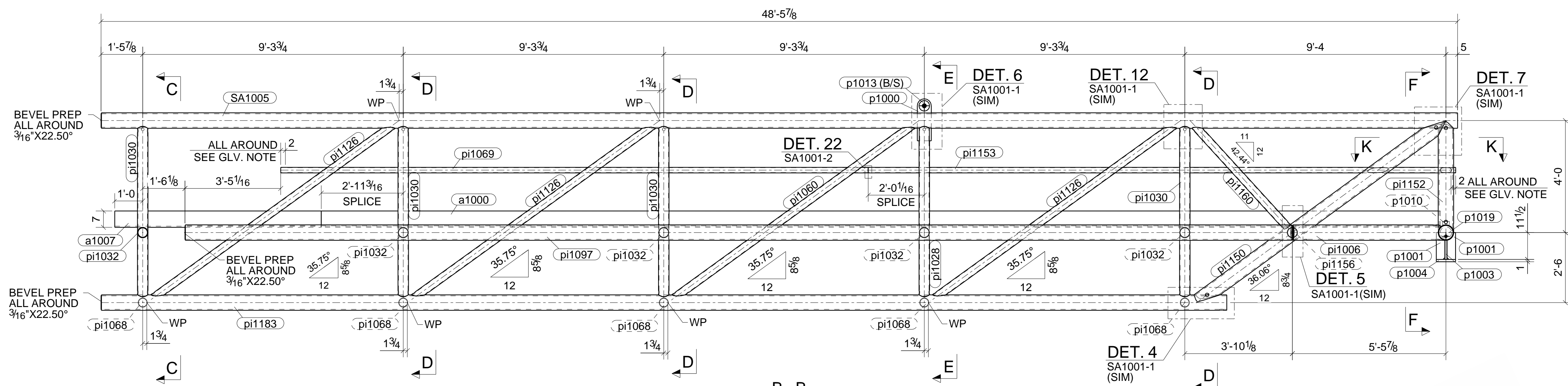
BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SA1004	1	TRUSS			SG-2
SA1004	1	PIPE6XS	46'-8 7/8"	1245	A53-GR.B
a1000	2	L7X4X1/2	40'-0"	1432	A36
a1001	2	L7X4X1/2	3'-7 9/16"	130	A36
p28	6	PL1"x5 3/4"	0'-5 3/4"	7	A36
p1000	2	PL3/4"x6"	1'-6"	44	A572-50
p1002	12	PL3/4"x3 5/8"	0'-8 1/2"	61	A572-50
p1005	1	PL1"x5 3/16"	2'-10 1/2"	46	A572-50
p1006	1	PL1"x8 1/4"	2'-10 1/2"	81	A572-50
p1007	1	PL1 3/8"x6"	0'-6"	14	A572-50
p1008	2	PL9/16"x7 1/2"	0'-9"	22	A572-50
p1009	2	FLUOROGOLD FC-1037SS	BOI	15	A572-50
p1011	1	PL1 1/8"x3"	3'-3"	37	A572-50
p1013	4	PL5/8"x4 7/16"	0'-4 1/2"	11	A572-50
p1019	2	PL3/8"x6 1/8"	0'-6 1/8"	6	A36
p1027	3	PIPE4STD	3'-11 5/8"	120	A53-GR.B
p1028	2	PIPE4STD	6'-1 1/8"	123	A53-GR.B
p1030	4	PIPE4STD	6'-1 1/8"	245	A53-GR.B
p1032	6	PIPE4STD	1'-3 3/8"	77	A53-GR.B
p1039	2	PIPE4STD	2'-1 1/8"	42	A53-GR.B
p1044	2	PIPE4STD	2'-8 11/16"	55	A53-GR.B
p1048	8	PIPE3STD	3'-9 11/16"	215	A53-GR.B
p1055	8	PIPE2-1/2STD	2'-5 3/8"	107	A53-GR.B
p1056	4	PIPE3STD	4'-0 5/16"	113	A53-GR.B
p1060	2	PIPE3STD	10'-6 7/16"	148	A53-GR.B
p1068	4	PIPE3-1/2STD	3'-6 11/16"	121	A53-GR.B
p1069	2	PIPE2STD	21'-0"	146	A53-GR.B
p1076	1	PIPE6XS	37'-2 7/8"	992	A53-GR.B
p1082	1	PIPE6XS	4'-4 3/8"	116	A53-GR.B
p1085	1	PIPE6XS	4'-6 3/4"	122	A53-GR.B
p1086	1	PIPE6XS	4'-6 3/4"	122	A53-GR.B
p1091	1	PIPE6XS	9'-7 7/16"	256	A53-GR.B
p1092	1	PIPE6XS	4'-4 3/8"	116	A53-GR.B
p1093	1	PIPE6XS	3'-11 13/16"	106	A53-GR.B
p1094	1	PIPE6XS	3'-11 13/16"	106	A53-GR.B
p1095	1	PIPE6XS	39'-0 7/8"	1041	A53-GR.B
p1096	1	PIPE6XS	36'-0 7/8"	961	A53-GR.B
p1099	1	PIPE6XS	9'-7 7/16"	256	A53-GR.B
p1100	1	PIPE6XS	43'-8 7/8"	1166	A53-GR.B
p1101	1	PIPE6XS	40'-2 7/8"	1072	A53-GR.B
p1103	1	PIPE2STD	19'-3"	67	A53-GR.B
p1104	1	PIPE2STD	19'-3"	67	A53-GR.B
p1107	1	PIPE4STD	3'-7 1/8"	36	A53-GR.B
p1108	1	PIPE4STD	3'-6 7/8"	36	A53-GR.B
p1111	1	PIPE4STD	8'-10 3/4"	90	A53-GR.B
p1112	1	PIPE4STD	4'-5 3/16"	45	A53-GR.B
p1114	1	PIPE6XS	4'-11"	246	A53-GR.B
p1117	1	PIPE4XS	5'-5 3/16"	77	A53-GR.B
p1119	1	PIPE4XS	4'-8"	66	A53-GR.B
p1120	2	PIPE3STD	4'-5 5/16"	63	A53-GR.B
p1126	5	PIPE3STD	10'-6 13/16"	372	A53-GR.B
p1130	1	PIPE4STD	10'-11 1/8"	110	A53-GR.B
p1131	2	PIPE4STD	1'-1 1/8"	22	A53-GR.B
p1132	1	PIPE4STD	4'-5 3/16"	45	A53-GR.B
p1148	2	PIPE4STD	3'-7 1/8"	72	A53-GR.B
p1268	1	PIPE4STD	10'-11 1/8"	110	A53-GR.B
p1270	3	PIPE3STD	5'-6 3/16"	117	A53-GR.B
p1271	4	PIPE3STD	5'-6 3/16"	155	A53-GR.B
	1	1 3/8"Ø A325N GALV BOLT	0'-7"		Site
TOTAL WEIGHT THIS DRAWING				12892	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP

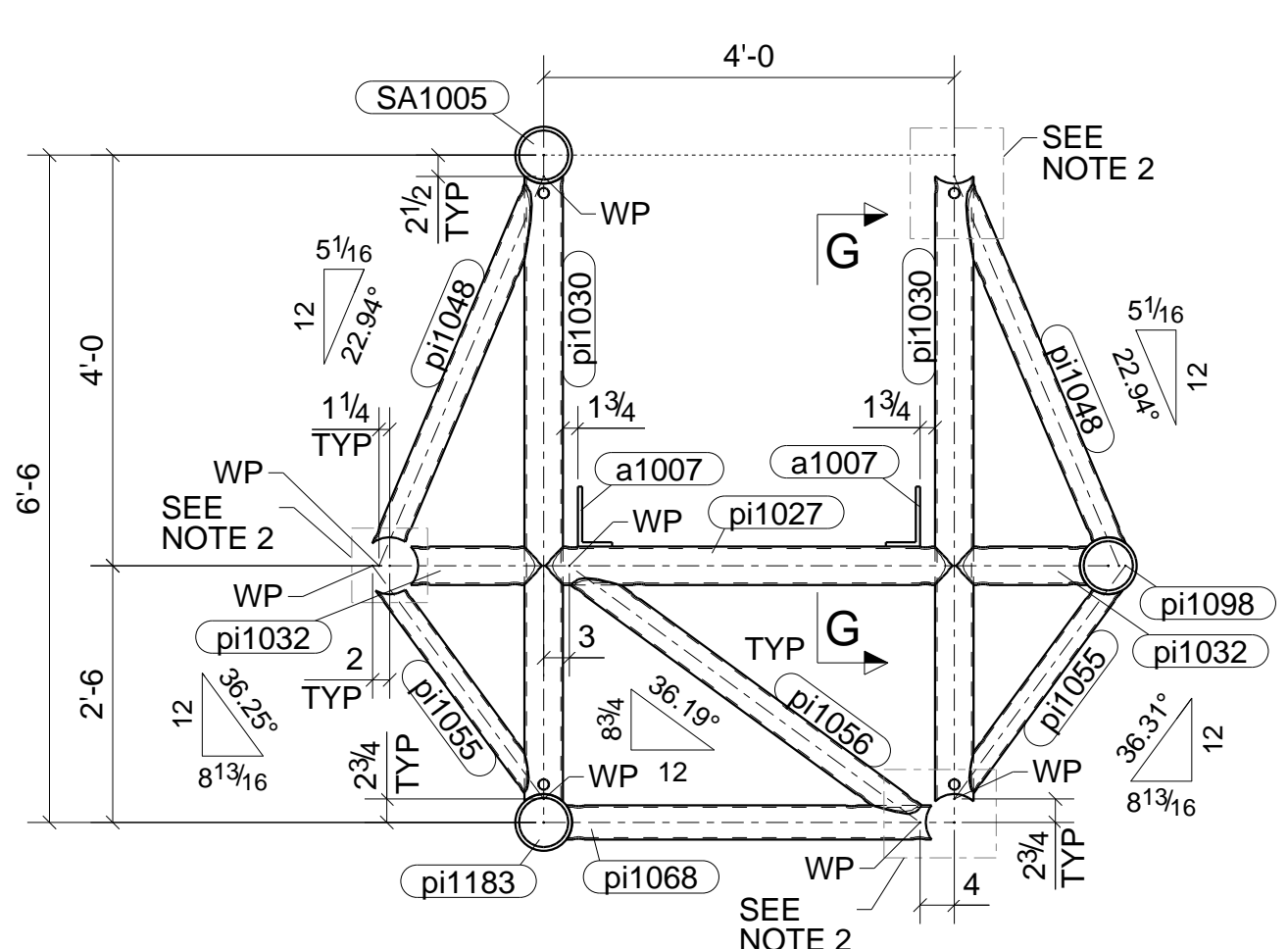
HLE SIZE U.N.: 13/16"Ø U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT		ENGINEER		CONTRACTOR		PROJECT NAME AND LOCATION		DESCRIPTION	TRUSS	JOB No.	34800094		
DRAWN BY	MVK	DATE	12/28/2020	REF	MD-000-3500-515-002	DRG No.	SA1004	CHECKED BY	NSP	DATE	03/04/2021	REV	0

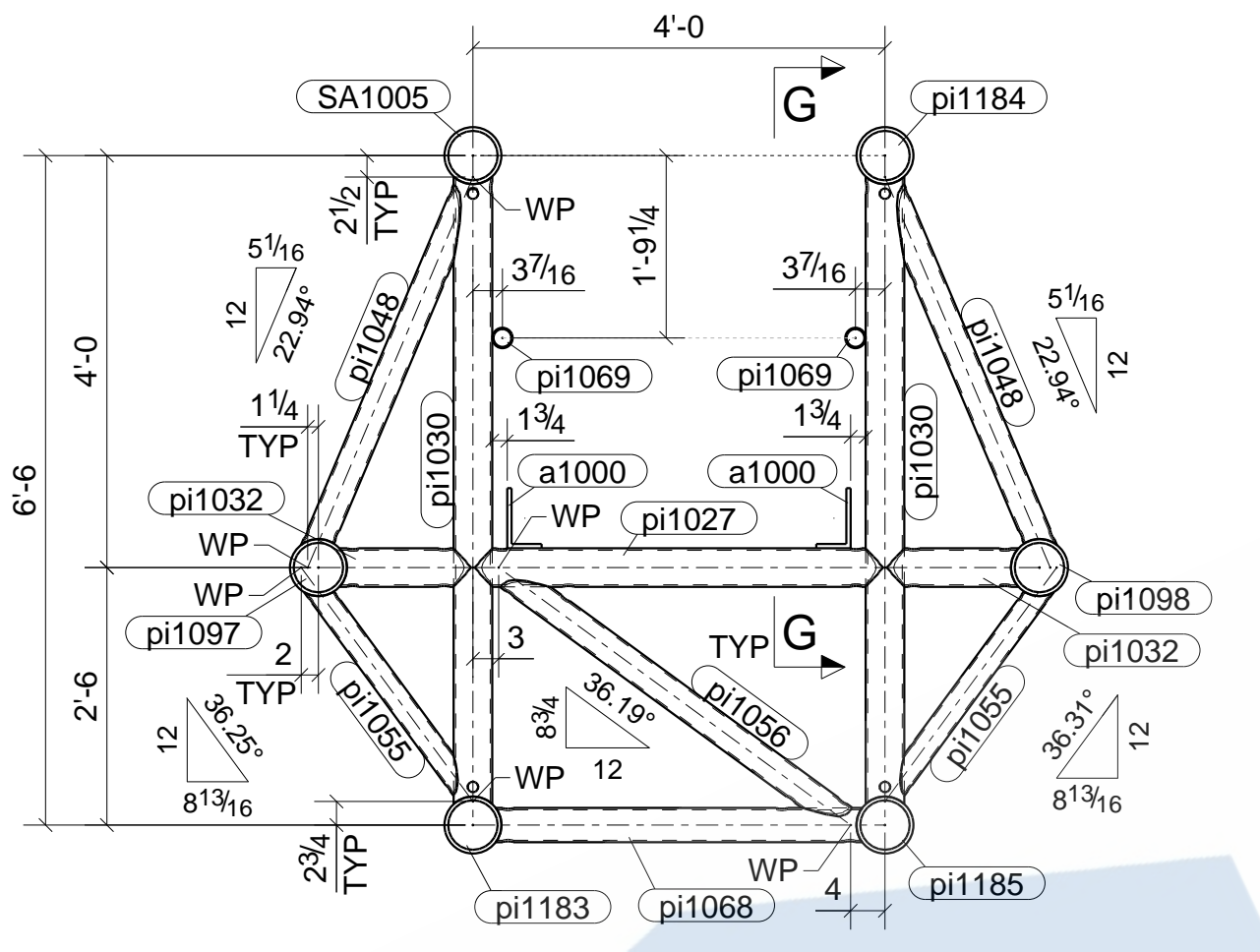
TERRA STRUCTURES



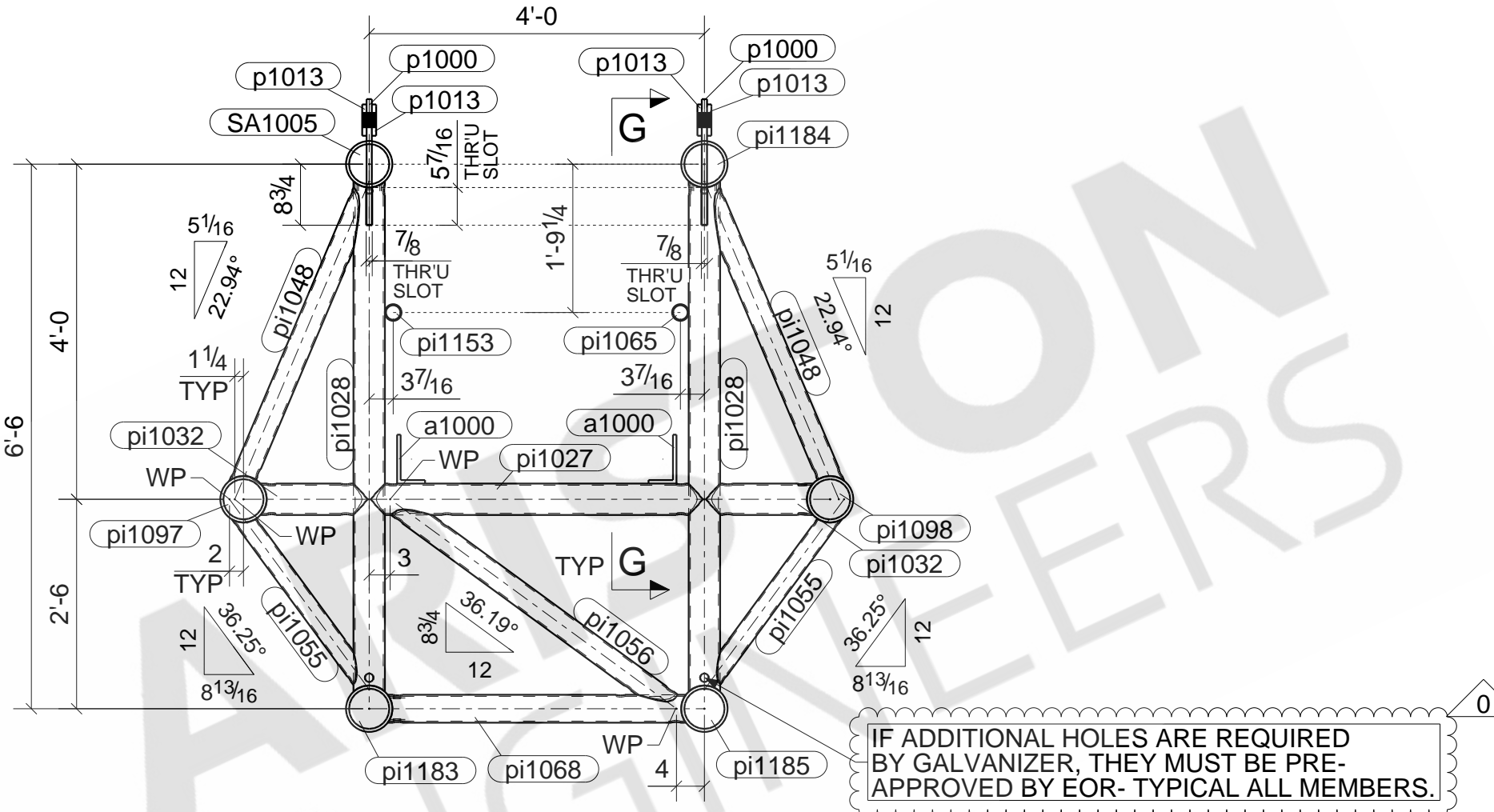
B - B
SA1005



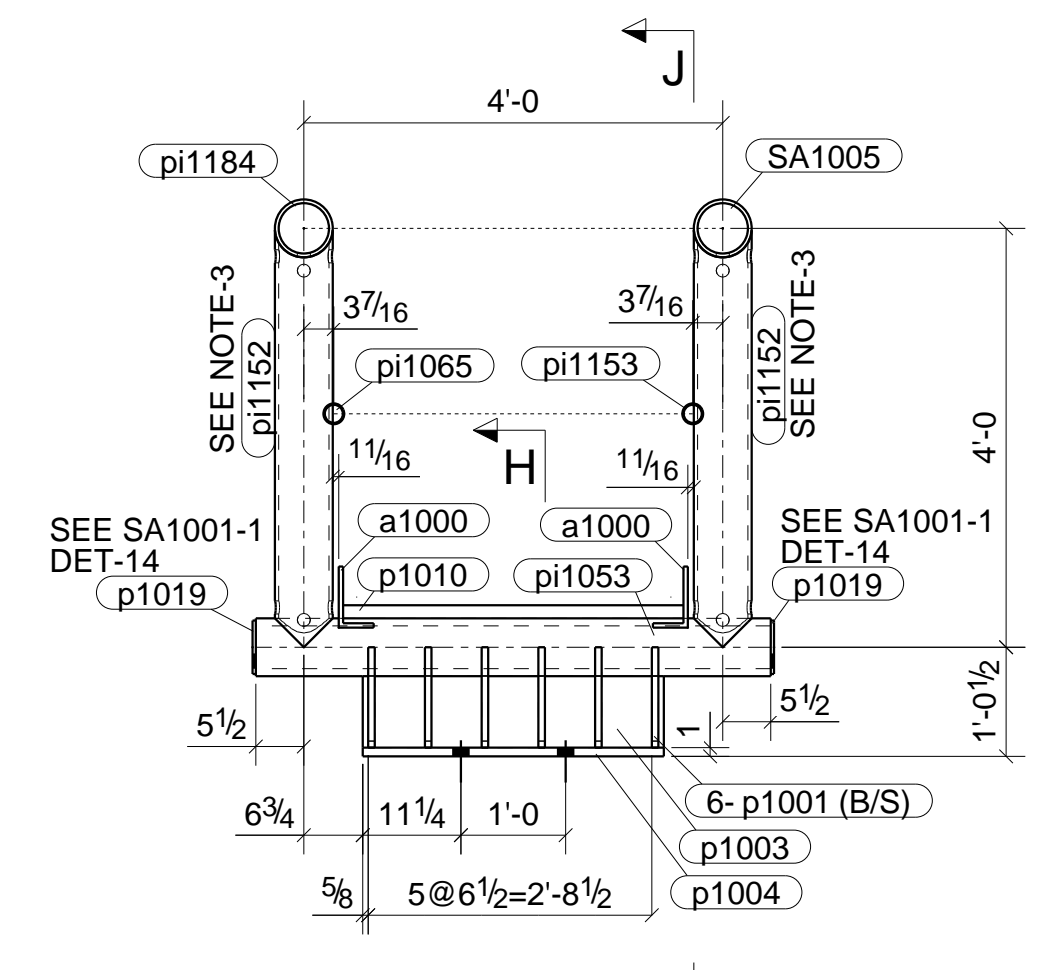
C - C



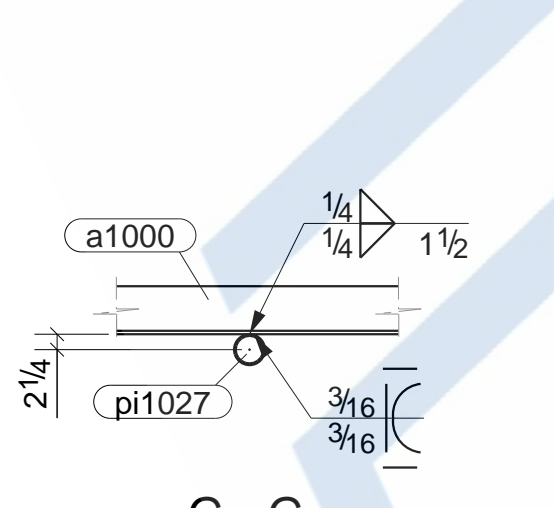
D - D



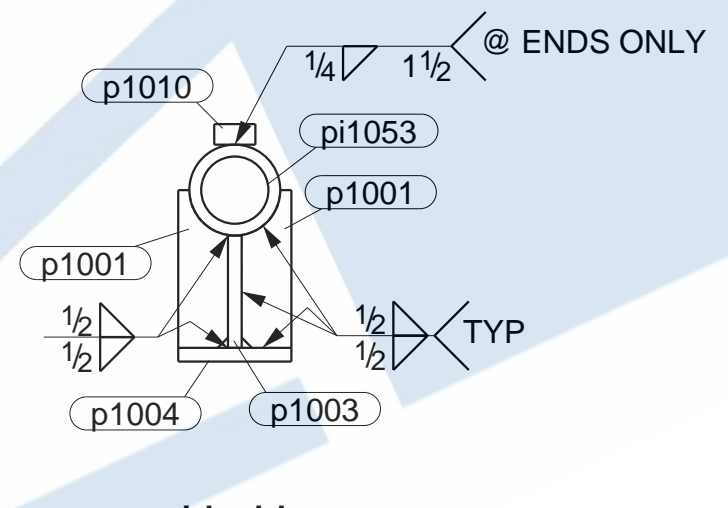
E - E



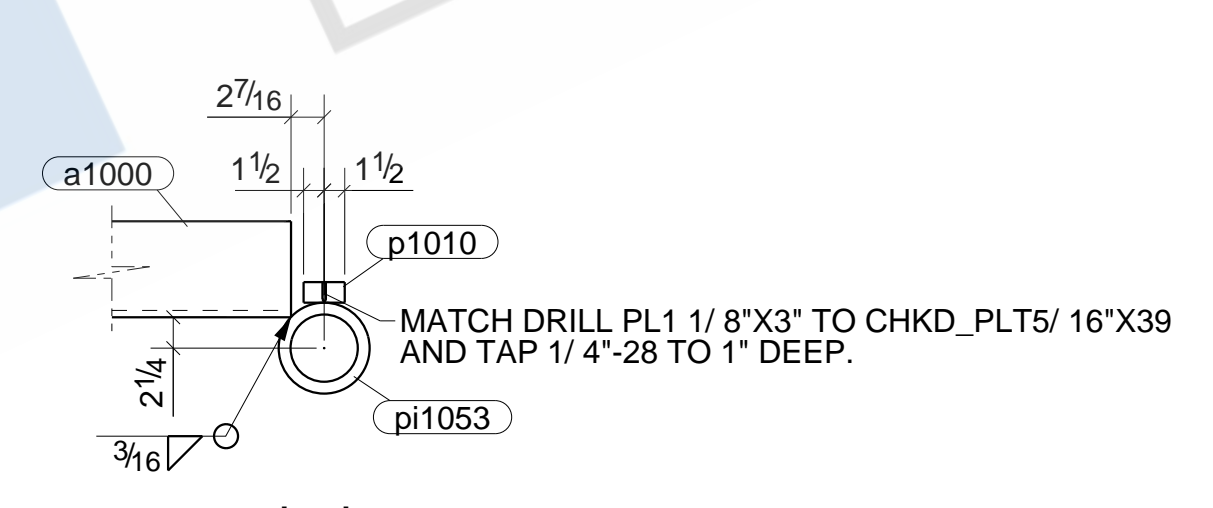
F - F



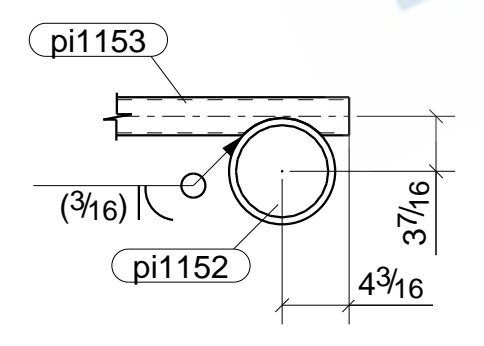
G - G



H - H



J - J



K - K

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SA1005	1	TRUSS			SQ-2
SA1005	1	PIPE6XS	48'-5 7/8"	1292	GALV A53-GR.B
a1000	2	L7X4X1/2	40'-0"	1432	A36
a1007	2	L7X4X1/2	7'-4 9/16"	264	A36
p28	2	PL1"x5 3/4"	0'-5 3/4"	2	A36
p1000	2	PL3/4"x6"	1'-6"	44	A572-50
p1001	12	PL3/4"x3 5/8"	0'-11 1/2"	88	A572-50
p1003	1	PL1"x8 3/16"	2'-10 1/2"	80	A572-50
p1004	1	PL1"x8 1/4"	2'-10 1/2"	81	A572-50
p1010	1	PL1 1/2"x3"	3'-3"	50	A572-50
p1013	4	PL5/8"x4 7/16"	0'-4 1/2"	11	A572-50
p1019	2	PL3/8"x6 1/8"	0'-6 1/8"	6	A36
pi1006	1	PIPE6XS	5'-8 9/16"	152	A53-GR.B
pi1007	1	PIPE6XS	5'-8 9/16"	152	A53-GR.B
pi1027	5	PIPE4STD	3'-11 5/8"	200	A53-GR.B
pi1028	2	PIPE4STD	6'-1 1/8"	123	A53-GR.B
pi1030	8	PIPE4STD	6'-1 1/8"	491	A53-GR.B
pi1032	10	PIPE4STD	1'-3 3/8"	129	A53-GR.B
pi1048	10	PIPE3STD	3'-9 11/16"	268	A53-GR.B
pi1053	1	PIPE6XXS	4'-11"	246	A53-GR.B
pi1055	10	PIPE2-1/2STD	2'-5 3/8"	134	A53-GR.B
pi1056	5	PIPE3STD	4'-0 5/16"	142	A53-GR.B
pi1060	2	PIPE3STD	10'-6 7/16"	148	A53-GR.B
pi1065	1	PIPE2STD	21'-0"	73	A53-GR.B
pi1068	5	PIPE3-1/2STD	3'-6 11/16"	151	A53-GR.B
pi1069	2	PIPE2STD	21'-0"	146	A53-GR.B
pi1097	1	PIPE6XS	39'-7 1/4"	1055	A53-GR.B
pi1098	1	PIPE6XS	42'-7 1/4"	1135	A53-GR.B
pi1126	5	PIPE3STD	10'-6 7/8"	372	A53-GR.B
pi1130	2	PIPE4STD	10'-11 1/8"	220	A53-GR.B
pi1150	1	PIPE6XS	10'-11 11/16"	292	A53-GR.B
pi1151	1	PIPE6XS	10'-11 11/16"	292	A53-GR.B
pi1152	2	PIPE6XS	3'-11 13/16"	212	A53-GR.B
pi1153	1	PIPE2STD	21'-0"	73	A53-GR.B
pi1154	1	PIPE4STD	7'-6 3/4"	76	A53-GR.B
pi1155	1	PIPE4STD	6'-11 3/4"	70	A53-GR.B
pi1156	1	PIPE4STD	1'-1 1/16"	11	A53-GR.B
pi1157	1	PIPE4STD	1'-1 1/8"	11	A53-GR.B
pi1158	1	PIPE4STD	3'-7 3/16"	36	A53-GR.B
pi1160	2	PIPE3STD	4'-11 1/4"	70	A53-GR.B
pi1183	1	PIPE6XS	40'-2 7/8"	1072	A53-GR.B
pi1184	1	PIPE6XS	45'-5 7/8"	1212	A53-GR.B
pi1185	1	PIPE6XS	37'-2 7/8"	992	A53-GR.B
pi1268	2	PIPE4STD	10'-11 1/8"	220	A53-GR.B
pi1270	4	PIPE3STD	5'-6 3/16"	155	A53-GR.B
pi1271	4	PIPE3STD	5'-6 3/16"	155	A53-GR.B
	2	1 3/8"Ø A325SC GALV BOLT	0'-4"		Site
TOTAL WEIGHT THIS DRAWING				13642	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

WORK THIS DRAWING WITH SA1005

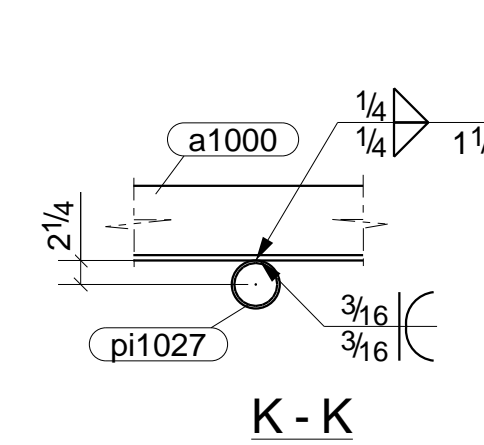
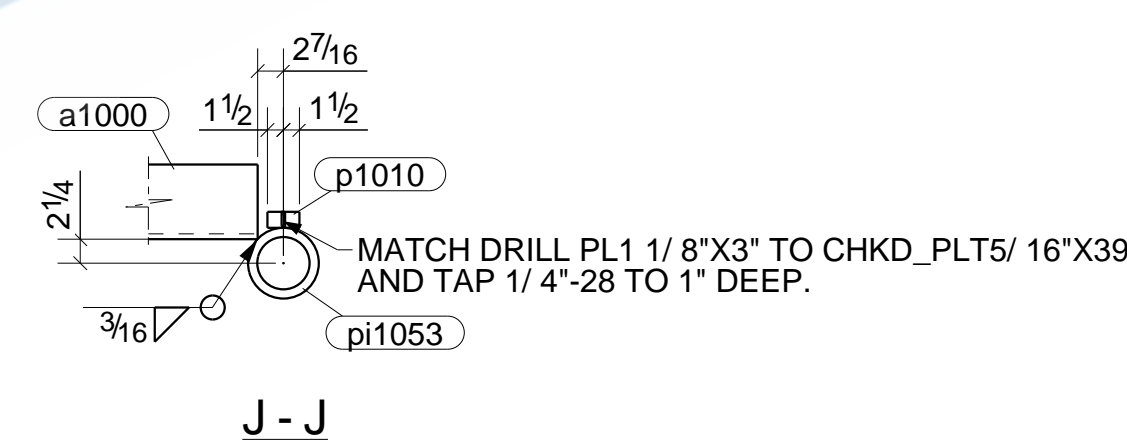
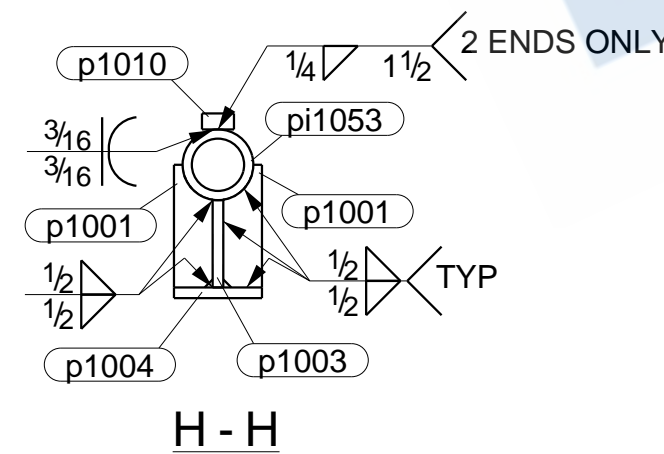
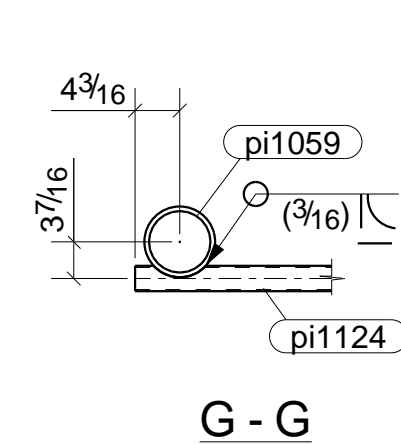
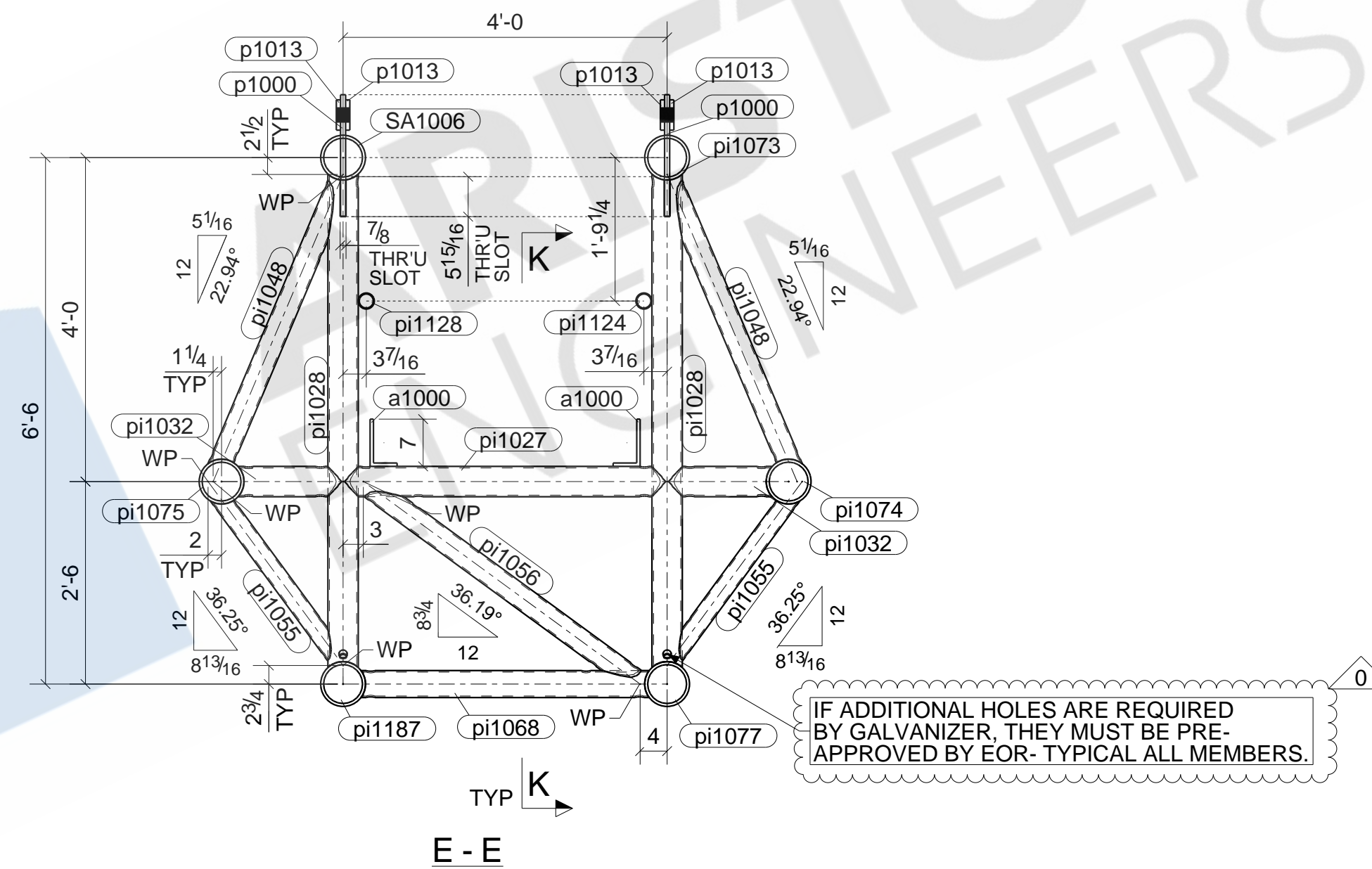
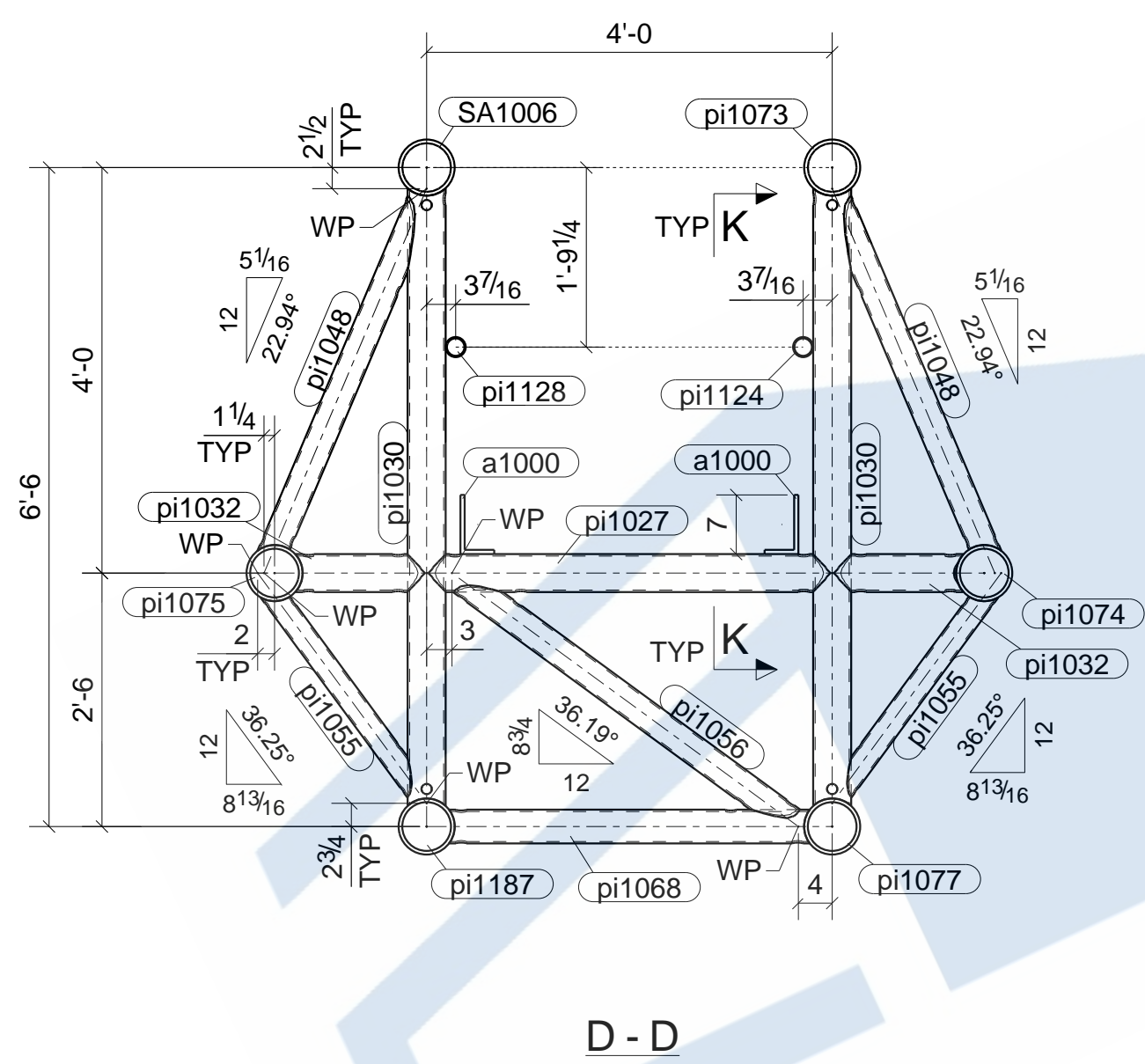
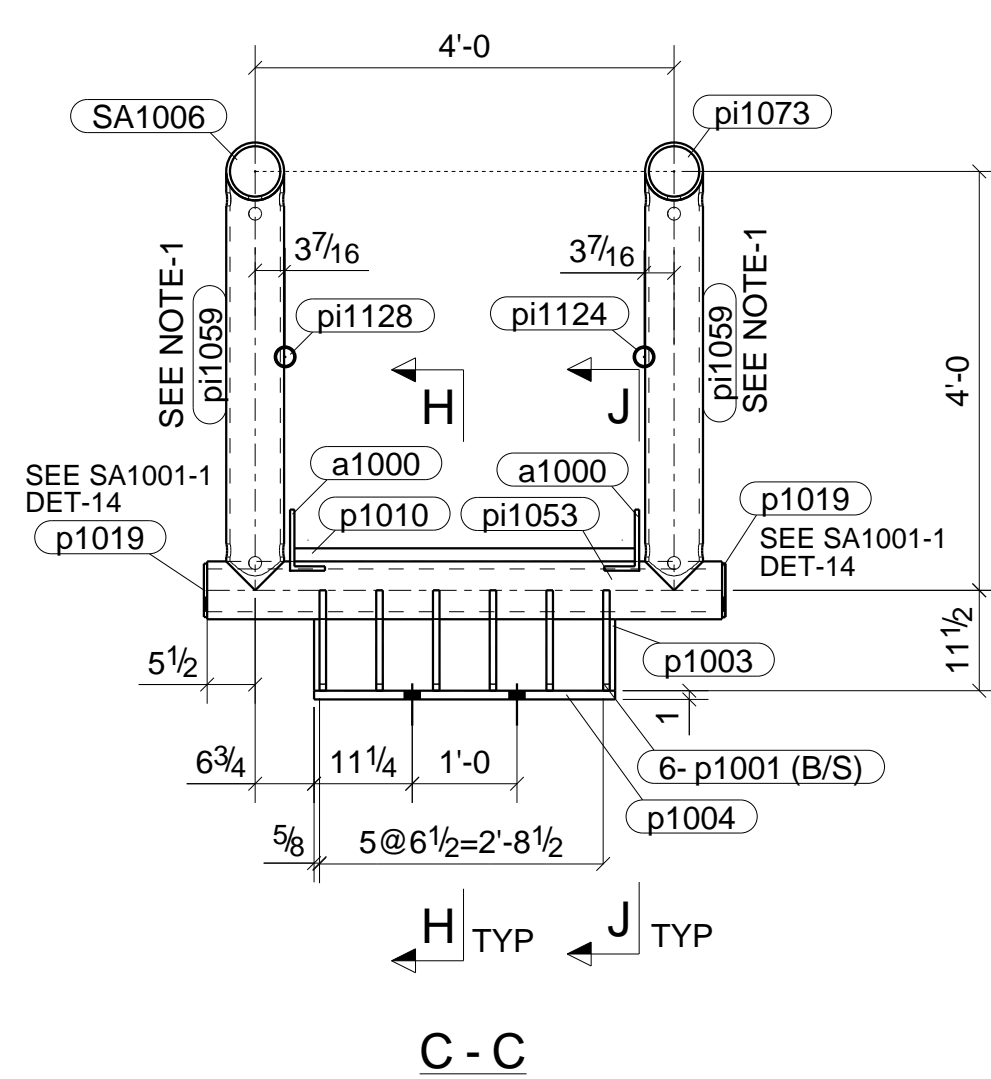
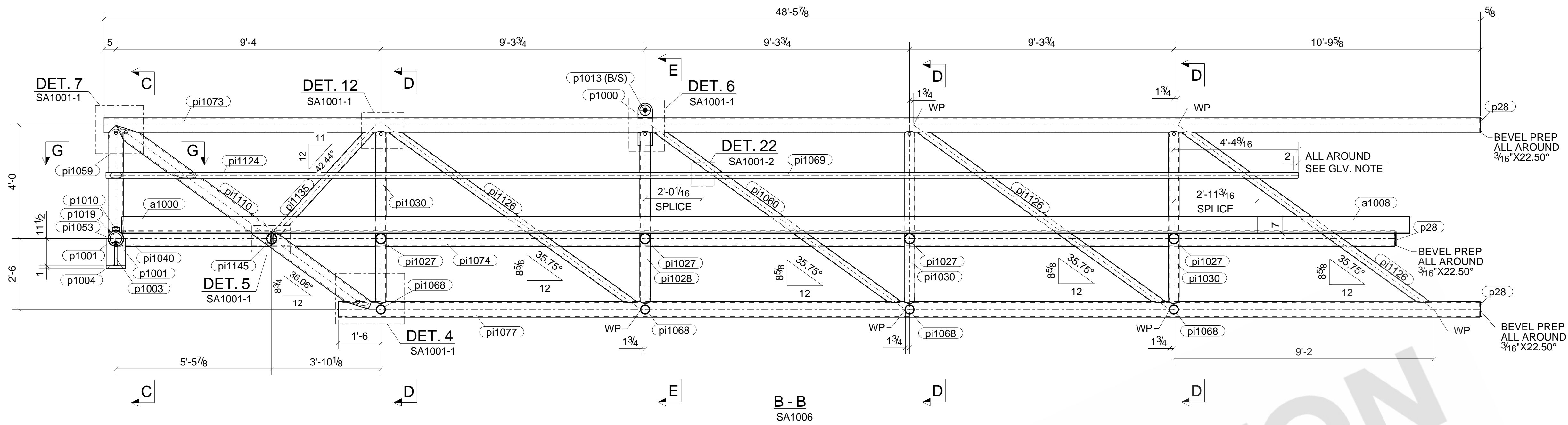
SHOP NOTE:
 SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD-PREP BEVELING DETAILS FOR ALL COPED PIPES.

GALVANIZING NOTE:
 PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL.

NOTE:
 1) FOR TYPICAL SECTION & DETAILS SEE SA1001-1 & SA1001-2.
 2) PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL FOR 2" AT BOTH END OF ASSEMBLY.
 3) PIPE6XS TO BE FULLY FITTED AND WELDED PRIOR TO FITTING OTHER DIAGONALS.

REFERENCE DRAWINGS
 AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
 MD-000-3500-0515-009 r 0; IFC 10/20
 MD-000-3500-0515-010 r 0; IFC 10/20

ARCHITECT					
ENGINEER					
CONTRACTOR					
PROJECT NAME AND LOCATION					
DESCRIPTION	TRUSS		JOB No.	34800094	
DRAWN BY	MVK	DATE	12/29/2020	REF	MD-000-3500-515-002
CHECKED BY	NSP	DATE	03/04/2021	DRG No.	SA1005-1
				REV	0



BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SA1006	1	TRUSS			SQ-2
SA1006	1	PIPE6XS	45'-5 7/8"	1212	A53-GR.B
a1000	2	L7X4X1/2	40'-0"	1432	A36
a1008	2	L7X4X1/2	5'-4 9/16"	193	A36
p28	8	PL1"x5 3/4"	0'-5 3/4"	9	A36
pi1000	2	PL3/4"x6"	1'-6"	44	A572-50
pi1001	12	PL3/4"x3 5/8"	0'-11 1/2"	88	A572-50
pi1003	1	PL1"x8 3/16"	2'-10 1/2"	80	A572-50
pi1004	1	PL1"x8 1/4"	2'-10 1/2"	81	A572-50
pi1010	1	PL1 1/2"x3"	3'-3"	50	A572-50
pi1013	4	PL5/8"x4 7/16"	0'-4 1/2"	11	A572-50
pi1019	2	PL3/8"x6 1/8"	0'-6 1/8"	6	A36
pi1023	1	PL3/8"x6 1/8"	0'-6 1/8"	3	A36
pi1027	4	PIPE4STD	3'-11 5/8"	160	A53-GR.B
pi1028	2	PIPE4STD	6'-1 1/8"	123	A53-GR.B
pi1030	6	PIPE4STD	6'-1 1/8"	368	A53-GR.B
pi1032	8	PIPE4STD	1'-3 3/8"	103	A53-GR.B
pi1040	1	PIPE6XS	5'-8 9/16"	152	A53-GR.B
pi1048	8	PIPE3STD	3'-9 11/16"	215	A53-GR.B
pi1049	1	PIPE4STD	7'-6 3/4"	76	A53-GR.B
pi1053	1	PIPE6XS	5'-8 9/16"	152	A53-GR.B
pi1055	8	PIPE2-1/2STD	2'-5 3/8"	107	A53-GR.B
pi1056	4	PIPE3STD	4'-0 5/16"	113	A53-GR.B
pi1059	2	PIPE6XS	3'-11 13/16"	212	A53-GR.B
pi1060	2	PIPE3STD	10'-6 7/16"	148	A53-GR.B
pi1061	1	PIPE6XS	5'-8 9/16"	152	A53-GR.B
pi1068	4	PIPE3-1/2STD	3'-6 11/16"	121	A53-GR.B
pi1069	2	PIPE2STD	21'-0"	146	A53-GR.B
pi1072	1	PIPE6XS	10'-11 11/16"	292	A53-GR.B
pi1073	1	PIPE6XS	48'-5 7/8"	1292	A53-GR.B
pi1074	1	PIPE6XS	39'-7 1/4"	1055	A53-GR.B
pi1075	1	PIPE6XS	42'-7 1/4"	1135	A53-GR.B
pi1077	1	PIPE6XS	40'-2 7/8"	1072	A53-GR.B
pi1099	1	PIPE4STD	1'-1 1/16"	11	A53-GR.B
pi1110	1	PIPE6XS	10'-11 11/16"	292	A53-GR.B
pi1124	1	PIPE2STD	21'-0"	73	A53-GR.B
pi1126	5	PIPE3STD	10'-6 13/16"	372	A53-GR.B
pi1128	1	PIPE2STD	21'-0"	73	A53-GR.B
pi1130	2	PIPE4STD	10'-11 1/8"	220	A53-GR.B
pi1135	2	PIPE3STD	4'-11 1/4"	70	A53-GR.B
pi1143	1	PIPE4STD	6'-11 11/16"	70	A53-GR.B
pi1145	1	PIPE4STD	3'-7 1/8"	36	A53-GR.B
pi1146	1	PIPE4STD	1'-1 1/16"	11	A53-GR.B
pi1187	1	PIPE6XS	37'-2 7/8"	992	A53-GR.B
pi1268	1	PIPE4STD	10'-11 1/8"	110	A53-GR.B
pi1270	3	PIPE3STD	5'-6 3/16"	117	A53-GR.B
pi1271	4	PIPE3STD	5'-6 3/16"	155	A53-GR.B
	2	1 3/8"Ø A325SC GALV BOLT	0'-4"		Site
TOTAL WEIGHT THIS DRAWING				13103	

0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16"Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123				
ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION	TRUSS		JOB No.	3480094
DRAWN BY	MVK	DATE	12/31/2020	REF
CHECKED BY	NSP	DATE	03/04/2021	DWG
				MD-000-3500-515-003
				DRG No. SA1006-1
				REV 0

WORK THIS DRAWING WITH SA1006

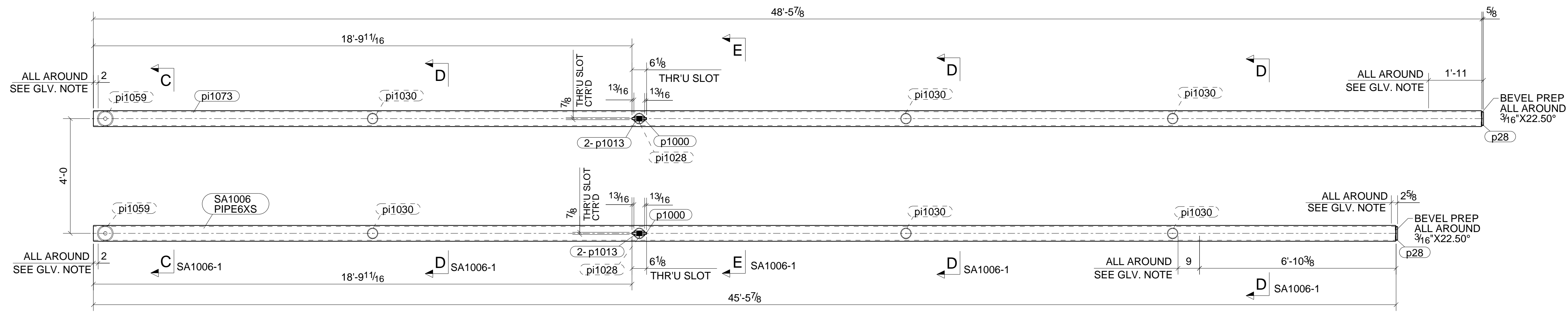
GALVANIZING NOTE:
PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL.

SHOP NOTE:
SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPED PIPES.

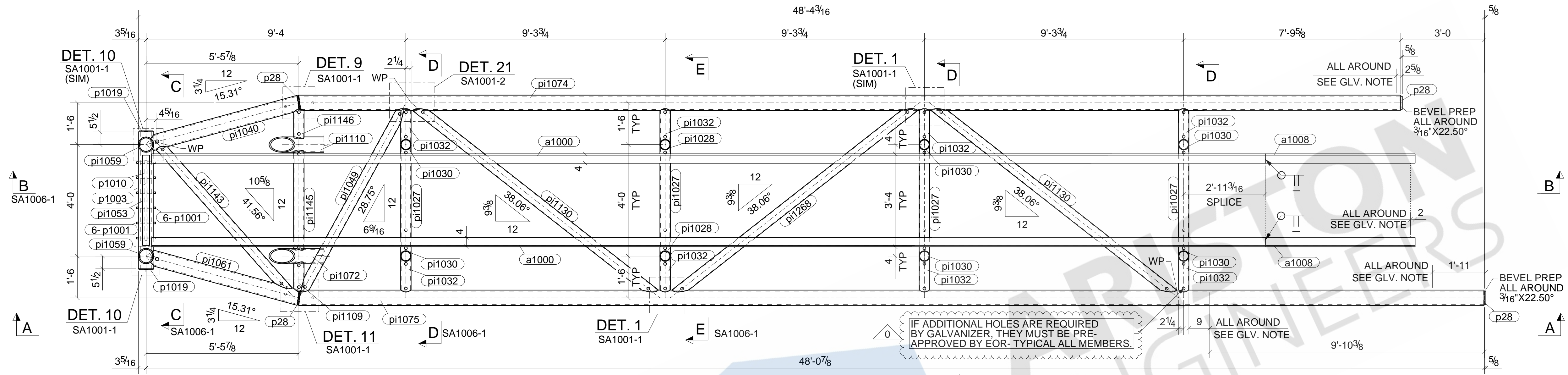
NOTE:

- MIDDLE PIPE6XS TO BE FULLY FITTED AND WELDED PRIOR TO FITTING OTHER DIAGONALS.
- FOR TYPICAL SECTION & DETAILS SEE SA1001-1 & SA1001-2

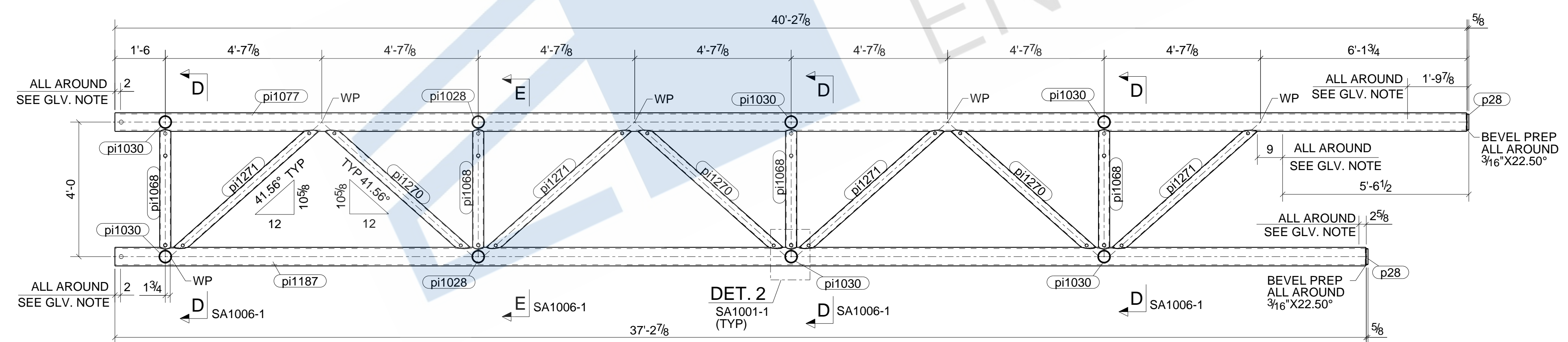
REFERENCE DRAWINGS
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-005 r 0; IFC 10/20
MD-000-3500-0515-006 r 0; IFC 10/20
MD-000-3500-0515-007 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-010 r 0; IFC 10/20



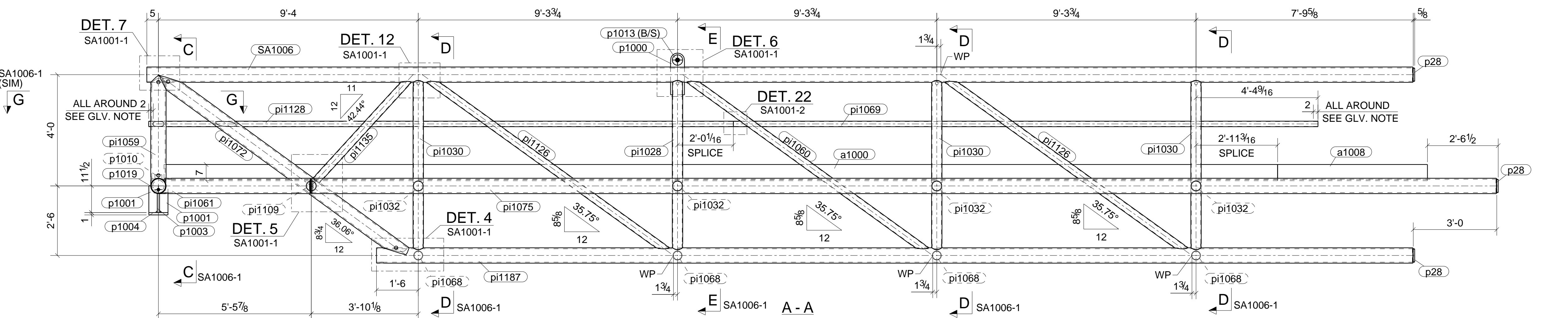
TRUSS-SA1006 PLAN @ TOP CHORD



TRUSS-SA1006 PLAN @ MID CHORD



TRUSS-SA1006 PLAN @ BOTTOM CHORD



BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SA1006	1	TRUSS			SQ-2
SA1006	1	PIPE6XS	45'-5 7/8"	1212	GALV A53-GR.B
a1000	2	L7X4X1/2	40'-0"	1432	A36
a1008	2	L7X4X1/2	5'-4 9/16"	193	A36
p28	8	PL1"x5 3/4"	0'-5 3/4"	9	A36
p1000	2	PL3/4"x6"	1'-6"	44	A572-50
p1001	12	PL3/4"x3 5/8"	0'-11 1/2"	88	A572-50
p1003	1	PL1"x8 3/16"	2'-10 1/2"	80	A572-50
p1004	1	PL1"x8 1/4"	2'-10 1/2"	81	A572-50
p1010	1	PL1 1/2"x3"	3'-3"	50	A572-50
p1013	4	PL5/8"x4 7/16"	0'-4 1/2"	11	A572-50
p1019	2	PL3/8"x6 1/8"	0'-6 1/8"	6	A36
p1023	1	PL3/8"x6 1/8"	0'-6 1/8"	3	A36
pi1027	4	PIPE4STD	3'-11 5/8"	160	A53-GR.B
pi1028	2	PIPE4STD	6'-1 1/8"	123	A53-GR.B
pi1030	6	PIPE4STD	6'-1 1/8"	368	A53-GR.B
pi1032	8	PIPE4STD	1'-3 3/8"	103	A53-GR.B
pi1040	1	PIPE6XS	5'-8 9/16"	152	A53-GR.B
pi1048	8	PIPE3STD	3'-9 11/16"	215	A53-GR.B
pi1049	1	PIPE4STD	7'-6 3/4"	76	A53-GR.B
pi1053	1	PIPE6XS	4'-11"	246	A53-GR.B
pi1055	8	PIPE2-1/2STD	2'-5 3/8"	107	A53-GR.B
pi1056	4	PIPE3STD	4'-0 5/16"	113	A53-GR.B
pi1059	2	PIPE6XS	3'-11 13/16"	212	A53-GR.B
pi1060	2	PIPE3STD	10'-6 7/16"	148	A53-GR.B
pi1061	1	PIPE6XS	5'-8 9/16"	152	A53-GR.B
pi1068	4	PIPE3-1/2STD	3'-6 11/16"	121	A53-GR.B
pi1069	2	PIPE2STD	21'-0"	146	A53-GR.B
pi1072	1	PIPE6XS	10'-11 11/16"	292	A53-GR.B
pi1073	1	PIPE6XS	48'-5 7/8"	1292	A53-GR.B
pi1074	1	PIPE6XS	39'-7 1/4"	1055	A53-GR.B
pi1075	1	PIPE6XS	42'-7 1/4"	1135	A53-GR.B
pi1077	1	PIPE6XS	40'-2 7/8"	1072	A53-GR.B
pi109	1	PIPE4STD	1'-1 1/16"	11	A53-GR.B
pi110	1	PIPE6XS	10'-11 11/16"	292	A53-GR.B
pi1124	1	PIPE2STD	21'-0"	73	A53-GR.B
pi1126	5	PIPE3STD	10'-6 13/16"	372	A53-GR.B
pi1128	1	PIPE2STD	21'-0"	73	A53-GR.B
pi1130	2	PIPE4STD	10'-11 1/8"	220	A53-GR.B
pi1135	2	PIPE3STD	4'-11 1/4"	70	A53-GR.B
pi1143	1	PIPE4STD	6'-11 11/16"	70	A53-GR.B
pi1145	1	PIPE4STD	3'-7 1/8"	36	A53-GR.B
pi1146	1	PIPE4STD	1'-1 1/16"	11	A53-GR.B
pi1187	1	PIPE6XS	37'-2 7/8"	992	A53-GR.B
pi1268	1	PIPE4STD	10'-11 1/8"	110	A53-GR.B
pi1270	3	PIPE3STD	5'-6 3/16"	117	A53-GR.B
pi1271	4	PIPE3STD	5'-6 3/16"	155	A53-GR.B
	2	1 3/8"Ø A325SC GALV BOLT	0'-4"		Site
TOTAL WEIGHT THIS DRAWING				13103	

SHOP NOTE:
SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPED PIPES.

GALVANIZING NOTE:
PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL.

NOTE:
FOR TYPICAL SECTIONS & DETAILS SEE SA1001-1 & SA1001-2

WORK THIS DRAWING WITH SA1006-1

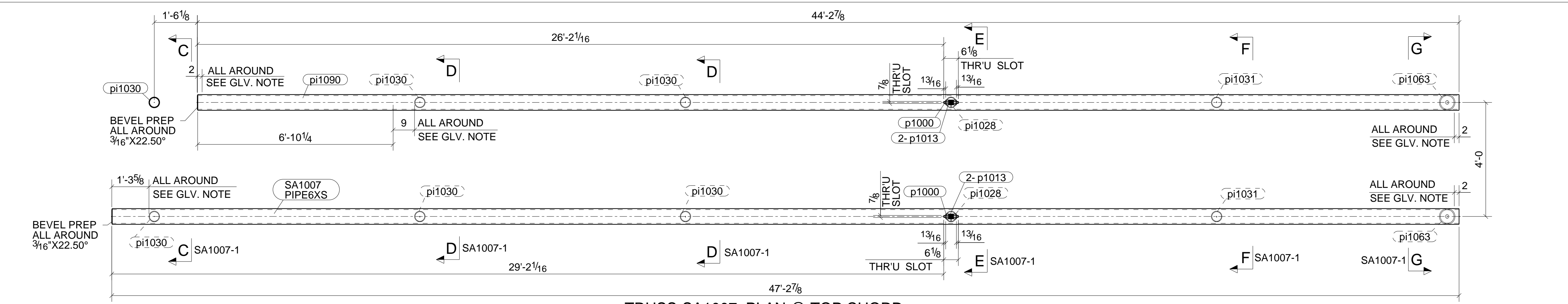
REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

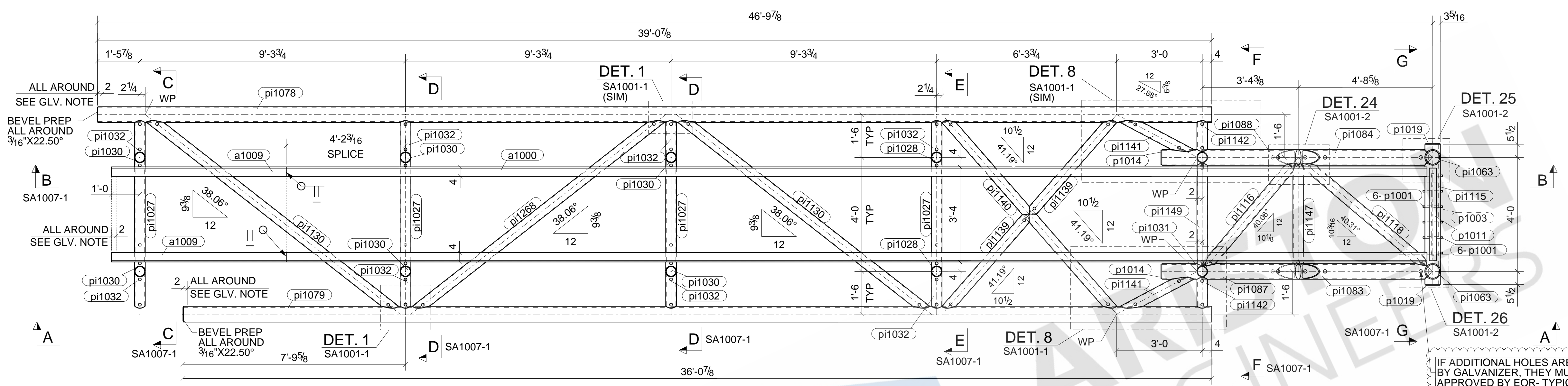
ARCHITECT		ENGINEER		CONTRACTOR		PROJECT NAME AND LOCATION		DESCRIPTION	TRUSS	JOB No.	3480094		
DRAWN BY	MVK	DATE	12/29/2020	REF	MD-000-3500-515-003	DRG No.	SA1006	CHECKED BY	NSP	DATE	03/04/2021	REV	0



ARISTON
ENGINEERS

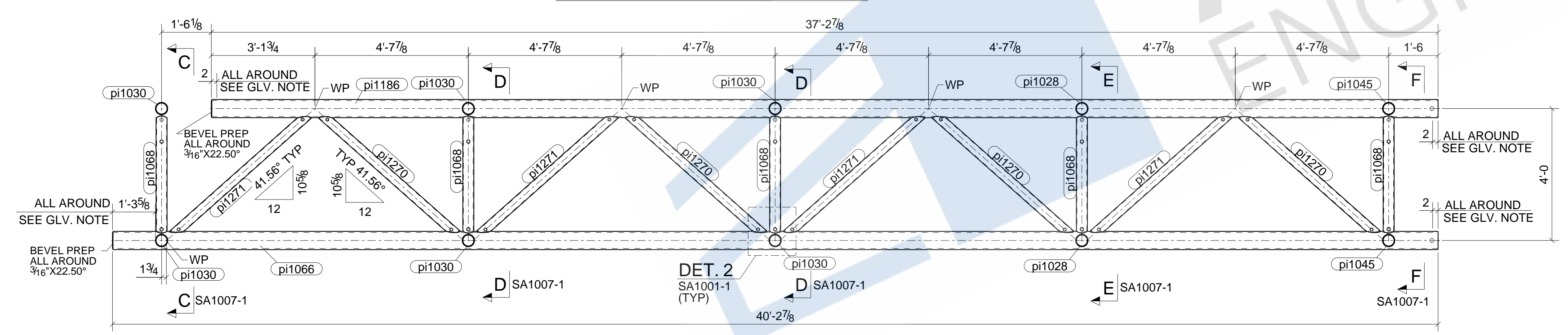


TRUSS-SA1007 PLAN @ TOP CHORD

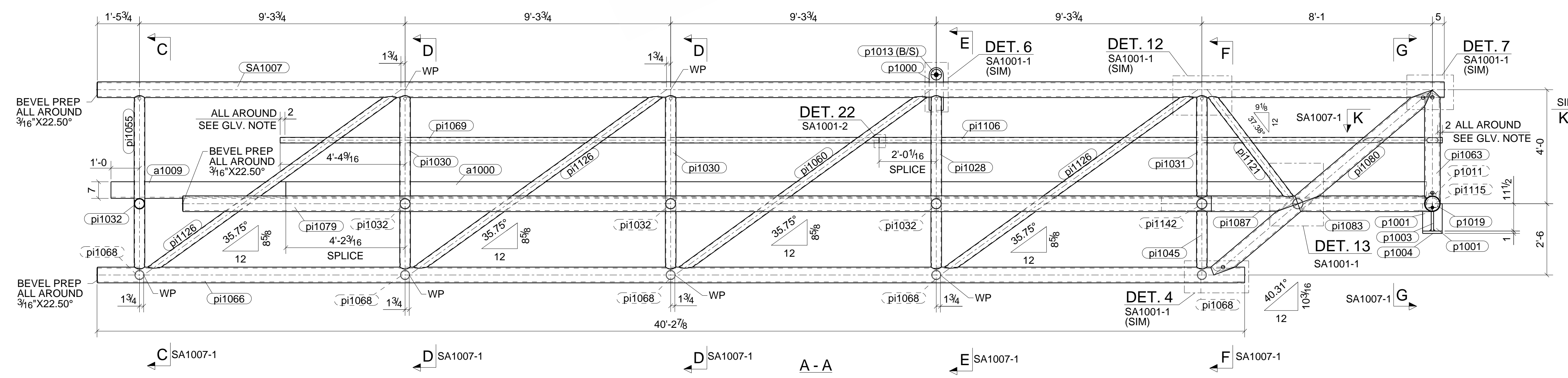


TRUSS-SA1007 PLAN @ MID CHORD

IF ADDITIONAL HOLES ARE REQUIRED BY GALVANIZER, THEY MUST BE PRE-APPROVED BY EOR- TYPICAL ALL MEMBERS.



TRUSS-SA1007 PLAN @ BOTTOM CHORD



BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SA1007	1	TRUSS			SQ-2
SA1007	1	PIPE6XS	47'-2 7/8"	1259	A53-GR.B
a1000	2	L7X4X1/2	40'-0"	1432	A36
a1009	2	L7X4X1/2	6'-1 9/16"	219	A36
p1000	2	PL3/4"X6"	1'-6"	44	A572-50
p1001	12	PL3/4"X3 5/8"	0'-11 1/2"	88	A572-50
p1003	1	PL1"X8 3/16"	2'-10 1/2"	80	A572-50
p1004	1	PL1"X8 1/4"	2'-10 1/2"	81	A572-50
p1011	1	PL1 1/8"X3"	3'-3"	37	A572-50
p1013	4	PL5/8"X4 7/16"	0'-4 1/2"	11	A572-50
p1014	2	PL3/8"X6 1/8"	0'-6 1/8"	6	A36
p1019	2	PL3/8"X6 1/8"	0'-6 1/8"	6	A36
pi1027	4	PIPE4STD	3'-11 5/8"	160	A53-GR.B
pi1028	2	PIPE4STD	6'-1 1/8"	123	A53-GR.B
pi1030	6	PIPE4STD	6'-1 1/8"	368	A53-GR.B
pi1031	2	PIPE4STD	3'-7 1/8"	72	A53-GR.B
pi1032	8	PIPE4STD	1'-3 3/8"	103	A53-GR.B
pi1045	2	PIPE4STD	2'-1 1/8"	42	A53-GR.B
pi1048	10	PIPE3STD	3'-9 11/16"	268	A53-GR.B
pi1055	10	PIPE2-1/2STD	2'-5 3/8"	134	A53-GR.B
pi1056	5	PIPE3STD	4'-0 5/16"	142	A53-GR.B
pi1060	2	PIPE3STD	10'-6 7/16"	148	A53-GR.B
pi1063	2	PIPE6XS	3'-11 13/16"	212	A53-GR.B
pi1066	1	PIPE6XS	40'-2 7/8"	1072	A53-GR.B
pi1068	5	PIPE3-1/2STD	3'-6 11/16"	151	A53-GR.B
pi1069	2	PIPE2STD	21'-0"	146	A53-GR.B
pi1078	1	PIPE6XS	39'-0 7/8"	1041	A53-GR.B
pi1079	1	PIPE6XS	36'-0 7/8"	961	A53-GR.B
pi1080	1	PIPE6XS	10'-0 5/16"	267	A53-GR.B
pi1081	1	PIPE6XS	10'-0 5/16"	267	A53-GR.B
pi1083	1	PIPE6XS	4'-8 7/16"	125	A53-GR.B
pi1084	1	PIPE6XS	4'-8 7/16"	125	A53-GR.B
pi1087	1	PIPE6XS	4'-9 3/8"	127	A53-GR.B
pi1088	1	PIPE6XS	4'-9 3/8"	127	A53-GR.B
pi1090	1	PIPE6XS	44'-2 7/8"	1179	A53-GR.B
pi1105	1	PIPE2STD	19'-9"	69	A53-GR.B
pi1106	1	PIPE2STD	19'-9"	69	A53-GR.B
pi1115	1	PIPE6XS	4'-11"	246	A53-GR.B
pi1116	1	PIPE4XS	4'-9 7/16"	67	A53-GR.B
pi1118	1	PIPE4XS	5'-7 15/16"	80	A53-GR.B
pi1121	2	PIPE3STD	4'-6 11/16"	64	A53-GR.B
pi1126	5	PIPE3STD	10'-6 7/8"	372	A53-GR.B
pi1130	2	PIPE4STD	10'-11 1/8"	220	A53-GR.B
pi1139	2	PIPE4STD	4'-5 3/16"	89	A53-GR.B
pi1140	1	PIPE4STD	8'-10 3/4"	90	A53-GR.B
pi1141	2	PIPE4STD	2'-8 11/16"	55	A53-GR.B
pi1142	2	PIPE4STD	1'-1 1/8"	22	A53-GR.B
pi1147	1	PIPE4STD	3'-6 7/8"	36	A53-GR.B
pi1149	1	PIPE4STD	3'-7 1/8"	36	A53-GR.B
pi1186	1	PIPE6XS	37'-2 7/8"	992	A53-GR.B
pi1268	1	PIPE4STD	10'-11 1/8"	110	A53-GR.B
pi1270	4	PIPE3STD	5'-6 3/16"	155	A53-GR.B
pi1271	4	PIPE3STD	5'-6 3/16"	155	A53-GR.B
	2	1 3/8"Ø A325SS GALV BOLT	0'-4"		Site
TOTAL WEIGHT THIS DRAWING				13556	

SHOP NOTE:
SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPED PIPES.

GALVANIZING NOTE:
PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL.

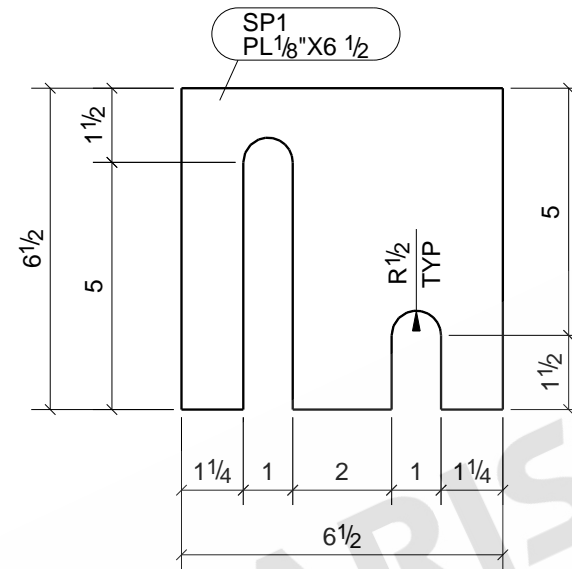
NOTE:
FOR TYPICAL SECTIONS & DETAILS SEE SA1001-1 & SA1001-2.

WORK THIS DRAWING WITH SA1007-1

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	03/04/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/27/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT		ENGINEER		CONTRACTOR		PROJECT NAME AND LOCATION		DESCRIPTION	TRUSS	JOB No.	34800094		
DRAWN BY	MVK	DATE	12/28/2020	REF	MD-000-3500-515-003	DRG No.	SA1007	CHECKED BY	NSP	DATE	03/04/2021	REV	0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
MD-000-3500-0513-001 r 0A; IFC 11/20
MD-000-3500-0513-002 r 0A; IFC 09/20
MD-000-3500-0513-003 r 0A; IFC 09/20
MD-000-3500-0513-004 r 0A; IFC 11/20
MD-000-3500-0513-005 r 0B; IFC 11/20
MD-000-3500-0514-001 r 0B; IFC 11/20
MD-000-3500-0514-002 r 0B; IFC 11/20
MD-000-3500-0514-003 r 0B; IFC 11/20
MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-005 r 0; IFC 10/20
MD-000-3500-0515-006 r 0; IFC 10/20
MD-000-3500-0515-007 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-010 r 0; IFC 10/20

0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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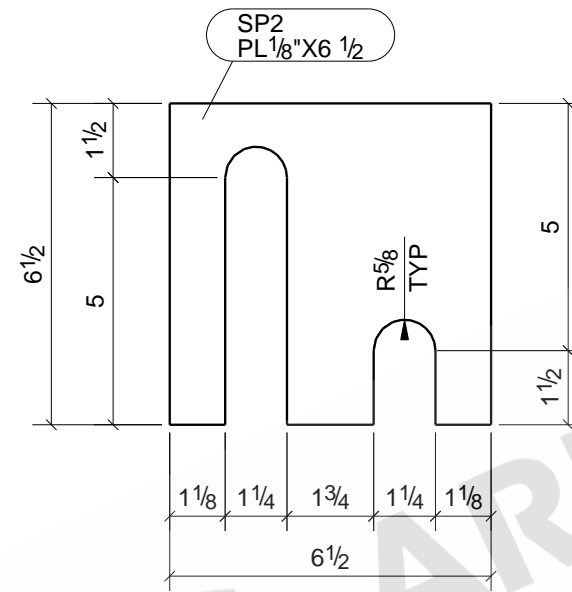
12 - SHIM PLATES - SP1

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP1	12	SHIM PLATES			SQ-2
SP1	12	PL1/8"X6 1/2"	0'-6 1/2"	15	GALV A36
TOTAL WEIGHT THIS DRAWING				15	

ARCHITECT									
ENGINEER									
CONTRACTOR									
PROJECT NAME AND LOCATION									
DESCRIPTION	SHIM PLATE								
DRAWN BY	MVK	DATE	12/08/2020	REF	SEE REF DWG LIST	JOB No.	34800094		
CHECKED BY	NSP	DATE	02/15/2021	REF	DWG	DRG No.	SP1	REV	0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
MD-000-3500-0513-001 r 0A; IFC 11/20
MD-000-3500-0513-002 r 0A; IFC 09/20
MD-000-3500-0513-003 r 0A; IFC 09/20
MD-000-3500-0513-004 r 0A; IFC 11/20
MD-000-3500-0513-005 r 0B; IFC 11/20
MD-000-3500-0514-001 r 0B; IFC 11/20
MD-000-3500-0514-002 r 0B; IFC 11/20
MD-000-3500-0514-003 r 0B; IFC 11/20
MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-005 r 0; IFC 10/20
MD-000-3500-0515-006 r 0; IFC 10/20
MD-000-3500-0515-007 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-010 r 0; IFC 10/20

0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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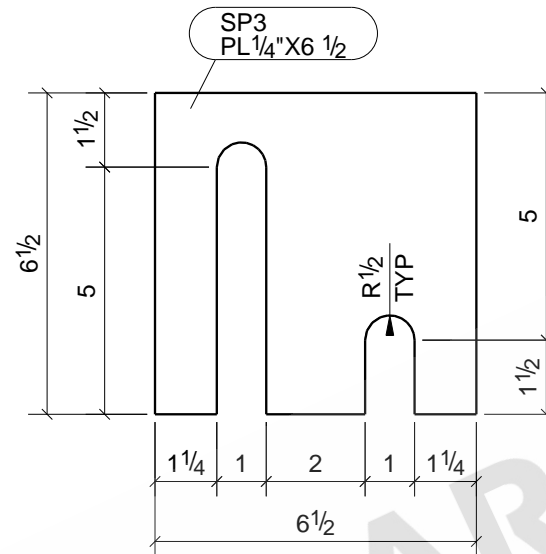
16 - SHIM PLATES - SP2

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP2	16	SHIM PLATES			SQ-2
SP2	16	PL1/8"X6 1/2"	0'-6 1/2"	19	GALV A36
TOTAL WEIGHT THIS DRAWING				19	

ARCHITECT									
ENGINEER									
CONTRACTOR									
PROJECT NAME AND LOCATION									
DESCRIPTION	SHIM PLATE								
DRAWN BY	MVK	DATE	12/08/2020	REF	SEE REF DWG LIST	JOB No.	34800094		
CHECKED BY	NSP	DATE	02/15/2021	REF	DWG	DRG No.	SP2	REV	0



REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
B	01/25/2021	RE- ISSUED FOR APPROVAL	MVK	NSP
A	12/11/2020	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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8	4	0	0	0

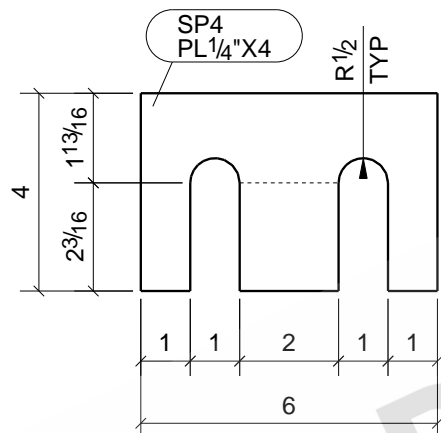
12 - SHIM PLATES - SP3

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP3	12	SHIM PLATES			SQ-2
SP3	12	PL1/4"X6 1/2"	0'-6 1/2"	30	GALV A572-50
TOTAL WEIGHT THIS DRAWING				30	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	SHIM PLATE
DRAWN BY	MVK DATE 12/08/2020
CHECKED BY	NSP DATE 02/15/2021
REF SEE REF DWG LIST	
JOB No. 34800094	
DRG No. SP3	REV 0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
 MD-000-3500-0513-001 r 0A; IFC 11/20
 MD-000-3500-0513-002 r 0A; IFC 09/20
 MD-000-3500-0513-003 r 0A; IFC 09/20
 MD-000-3500-0513-004 r 0A; IFC 11/20
 MD-000-3500-0513-005 r 0B; IFC 11/20
 MD-000-3500-0514-001 r 0B; IFC 11/20
 MD-000-3500-0514-002 r 0B; IFC 11/20
 MD-000-3500-0514-003 r 0B; IFC 11/20
 MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
 MD-000-3500-0515-009 r 0; IFC 10/20
 MD-000-3500-0515-010 r 0; IFC 10/20

0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/25/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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12	12	0	0	0

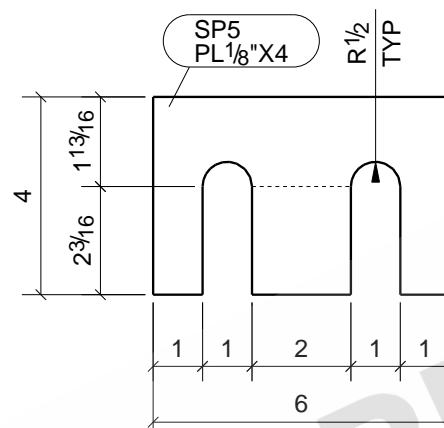
PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

24 - SHIM PLATES - SP4

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP4	24	SHIM PLATES			SQ-2
SP4	24	PL1/4"X4"	0'-6"	32	GALV A572-50
	24	3/4"Ø A325N GALV BOLT	0'-2 3/4"		Site
TOTAL WEIGHT THIS DRAWING				32	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	SHIM PLATE
DRAWN BY	MVK
DATE	01/13/2021
CHECKED BY	NSP
DATE	02/15/2021
REF DWG	SEE REF DWG LIST
JOB No.	34800094
DRG No.	SP4
REV	0



REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

PHASE				
1	2	3	4	5
12	12	0	0	0

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

24 - SHIM PLATES - SP5

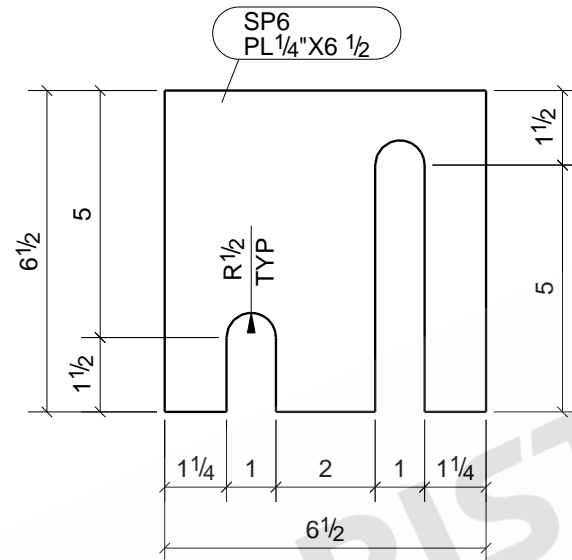
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP5	24	SHIM PLATES			SQ-2
SP5	24	PL 1/8"X4"	0'-6"	16	GALV A572-50
TOTAL WEIGHT THIS DRAWING				16	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/25/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	SHIM PLATE
DRAWN BY	MVK DATE 01/13/2021
CHECKED BY	NSP DATE 02/15/2021
REF	SEE REF DWG LIST
JOB No. 34800094	
DRG No. SP5	REV 0



REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/25/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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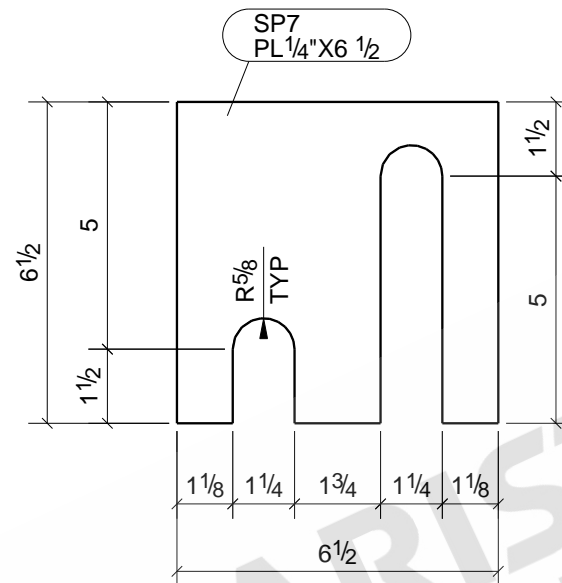
12 - SHIM PLATES - SP6

PHASE LEGEND	
PHASE 1: SE WALKWAY	
PHASE 2: NW WALKWAY	

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP6	12	SHIM PLATES			SQ-2
SP6	12	PL1/4"X6 1/2"	0'-6 1/2"	30	GALV A572-50
TOTAL WEIGHT THIS DRAWING				30	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	SHIM PLATE
DRAWN BY	MVK
DATE	01/13/2021
CHECKED BY	NSP
DATE	02/15/2021
REF DWG	SEE REF DWG LIST
JOB No.	34800094
DRG No.	SP6
REV	0



REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/25/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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4	8	0	0	0

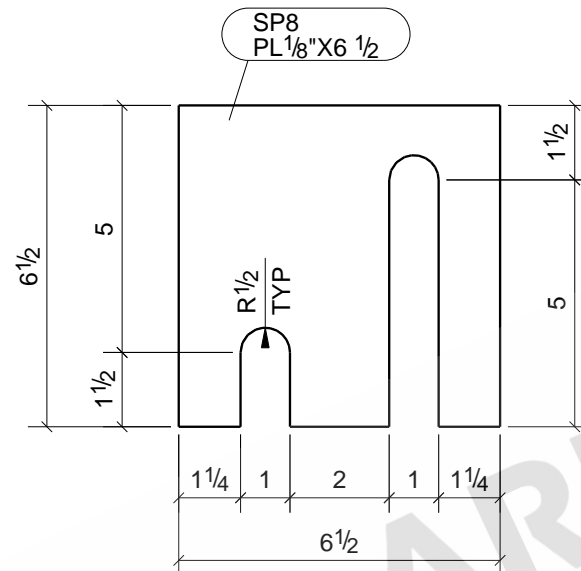
12 - SHIM PLATES - SP7

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP7	12	SHIM PLATES			SQ-2
SP7	12	PL1/4"X6 1/2"	0'-6 1/2"	28	GALV A572-50
TOTAL WEIGHT THIS DRAWING				28	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	SHIM PLATE
DRAWN BY	MVK
DATE	01/22/2021
CHECKED BY	NSP
DATE	02/15/2021
REF DWG	SEE REF DWG LIST
JOB No.	34800094
DRG No.	SP7
REV	0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
MD-000-3500-0513-001 r 0A; IFC 11/20
MD-000-3500-0513-002 r 0A; IFC 09/20
MD-000-3500-0513-003 r 0A; IFC 09/20
MD-000-3500-0513-004 r 0A; IFC 11/20
MD-000-3500-0513-005 r 0B; IFC 11/20
MD-000-3500-0514-001 r 0B; IFC 11/20
MD-000-3500-0514-002 r 0B; IFC 11/20
MD-000-3500-0514-003 r 0B; IFC 11/20
MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-005 r 0; IFC 10/20
MD-000-3500-0515-006 r 0; IFC 10/20
MD-000-3500-0515-007 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-010 r 0; IFC 10/20

0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/25/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE

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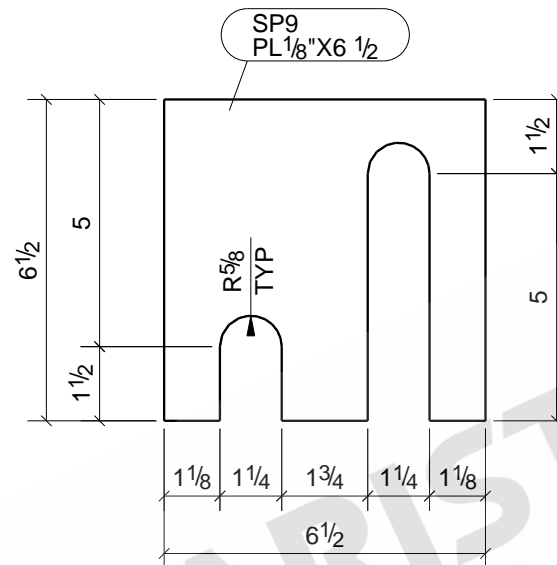
12 - SHIM PLATES - SP8

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP8	12	SHIM PLATES			SQ-2
SP8	12	PL1/8"X6 1/2"	0'-6 1/2"	15	GALV A36
TOTAL WEIGHT THIS DRAWING				15	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	SHIM PLATE
DRAWN BY	MVK
DATE	01/22/2021
CHECKED BY	NSP
DATE	02/15/2021
REF DWG	SEE REF DWG LIST
JOB No.	34800094
DRG No.	SP8
REV	0



REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/30/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5	
MD-000-3500-0513-001 r 0A; IFC 11/20	
MD-000-3500-0513-002 r 0A; IFC 09/20	
MD-000-3500-0513-003 r 0A; IFC 09/20	
MD-000-3500-0513-004 r 0A; IFC 11/20	
MD-000-3500-0513-005 r 0B; IFC 11/20	
MD-000-3500-0514-001 r 0B; IFC 11/20	
MD-000-3500-0514-002 r 0B; IFC 11/20	
MD-000-3500-0514-003 r 0B; IFC 11/20	
MD-000-3500-0514-004 r 0B; IFC 11/20	

REFERENCE DRAWINGS	
AD-000-3500-0323-001 r 0; IFC 7/20/2020-2	
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3	
AD-000-3500-0324-002 r 0B; IFC 11/20	
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5	
MD-000-3500-0515-001 r 0; IFC 10/20	
MD-000-3500-0515-002 r 0; IFC 10/20	
MD-000-3500-0515-003 r 0; IFC 10/20	
MD-000-3500-0515-004 r 0; IFC 10/20	
MD-000-3500-0515-005 r 0; IFC 10/20	
MD-000-3500-0515-006 r 0; IFC 10/20	
MD-000-3500-0515-007 r 0; IFC 10/20	
MD-000-3500-0515-008 r 0; IFC 10/20	
MD-000-3500-0515-009 r 0; IFC 10/20	
MD-000-3500-0515-010 r 0; IFC 10/20	

REV.	DATE	DESCRIPTION	BY	CHKD BY
0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/25/2021	ISSUED FOR APPROVAL	MVK	NSP

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE				
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4	8	0	0	0

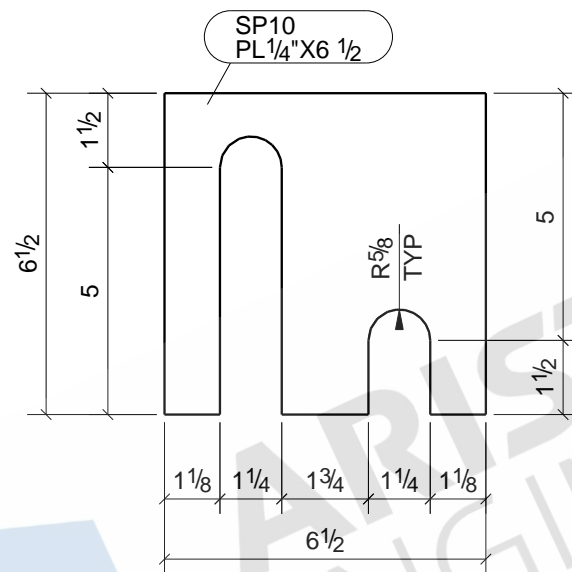
12 - SHIM PLATES - SP9

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP9	12	SHIM PLATES			SQ-2
SP9	12	PL1/8"X6 1/2"	0'-6 1/2"	14	GALV A36
TOTAL WEIGHT THIS DRAWING				14	

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	SHIM PLATE
DRAWN BY	MVK
DATE	01/22/2021
CHECKED BY	NSP
DATE	02/15/2021
REF DWG	SEE REF DWG LIST
JOB No.	34800094
DRG No.	SP9
REV	0



REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
MD-000-3500-0513-001 r 0A; IFC 11/20
MD-000-3500-0513-002 r 0A; IFC 09/20
MD-000-3500-0513-003 r 0A; IFC 09/20
MD-000-3500-0513-004 r 0A; IFC 11/20
MD-000-3500-0513-005 r 0B; IFC 11/20
MD-000-3500-0514-001 r 0B; IFC 11/20
MD-000-3500-0514-002 r 0B; IFC 11/20
MD-000-3500-0514-003 r 0B; IFC 11/20
MD-000-3500-0514-004 r 0B; IFC 11/20

REFERENCE DRAWINGS

AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B; IFC 11/20
AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
MD-000-3500-0515-001 r 0; IFC 10/20
MD-000-3500-0515-002 r 0; IFC 10/20
MD-000-3500-0515-003 r 0; IFC 10/20
MD-000-3500-0515-004 r 0; IFC 10/20
MD-000-3500-0515-005 r 0; IFC 10/20
MD-000-3500-0515-006 r 0; IFC 10/20
MD-000-3500-0515-007 r 0; IFC 10/20
MD-000-3500-0515-008 r 0; IFC 10/20
MD-000-3500-0515-009 r 0; IFC 10/20
MD-000-3500-0515-010 r 0; IFC 10/20

0	02/15/2021	ISSUED FOR FABRICATION	MVK	NSP
A	01/25/2021	ISSUED FOR APPROVAL	MVK	NSP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16"Ø U.N.O.
 MIN. COPE: 1/2" r.
 SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

PHASE

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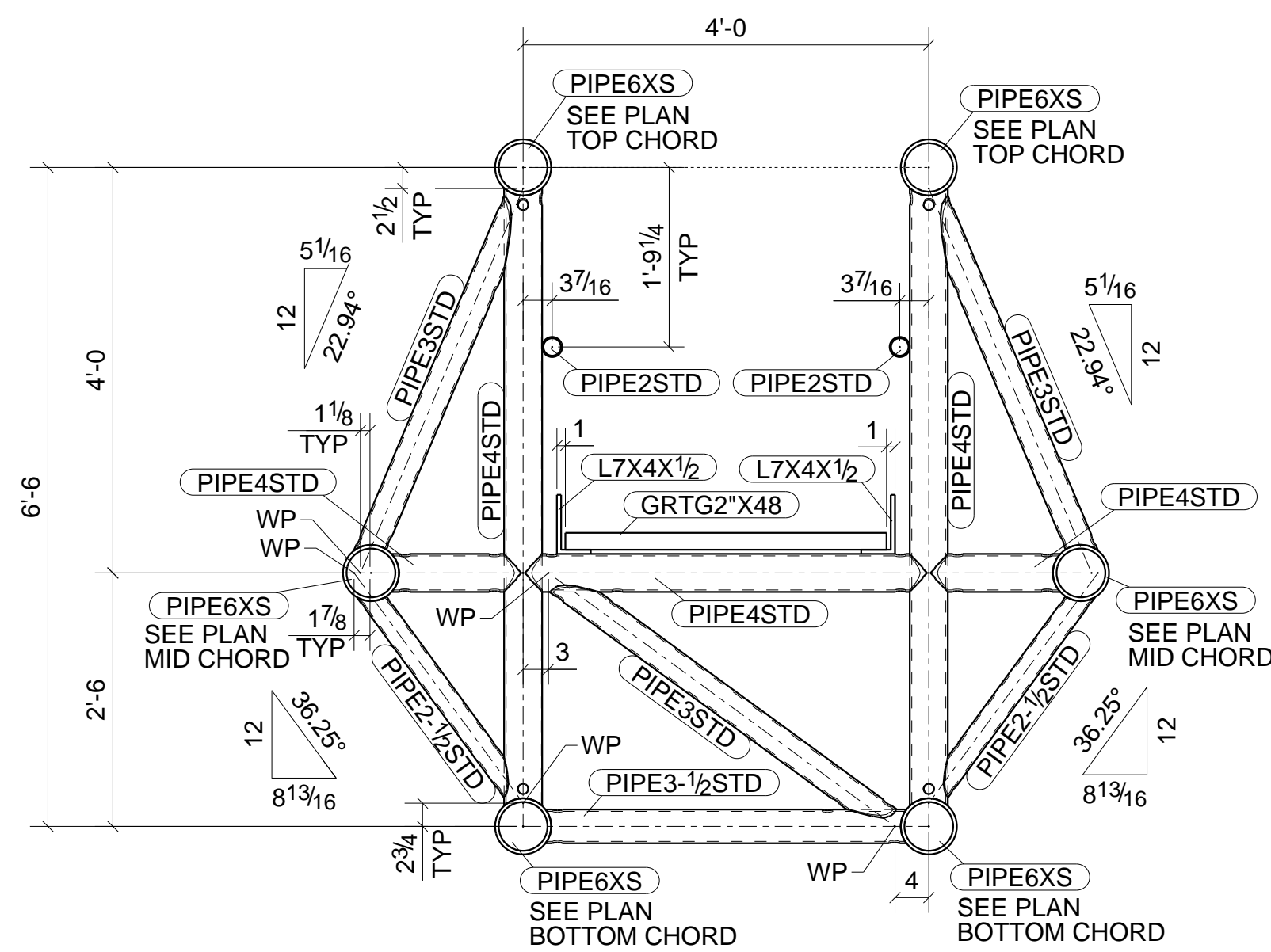
16 - SHIM PLATES - SP10

PHASE LEGEND
 PHASE 1: SE WALKWAY
 PHASE 2: NW WALKWAY

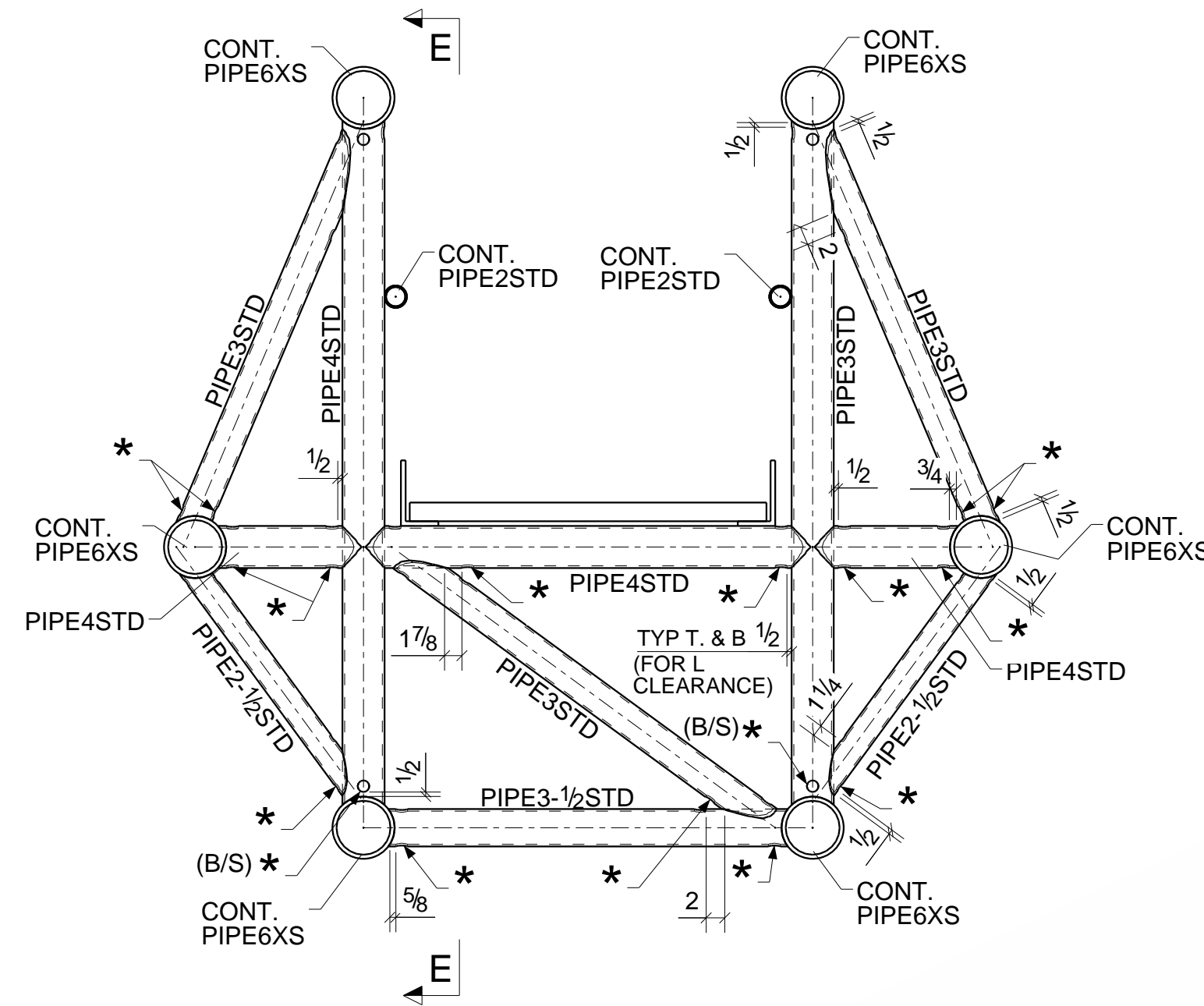
BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
SP10	16	SHIM PLATES			SQ-2
SP10	16	PL 1/4" X 6 1/2"	0'-6 1/2"	37	GALV A572-50
TOTAL WEIGHT THIS DRAWING				37	

ARCHITECT		
ENGINEER		
CONTRACTOR		
PROJECT NAME AND LOCATION		
DESCRIPTION	SHIM PLATE	JOB No. 34800094
DRAWN BY	MVK	DATE 01/22/2021
CHECKED BY	NSP	DATE 02/15/2021
REF DWG	SEE REF DWG LIST	DRG No. SP10
		REV 0



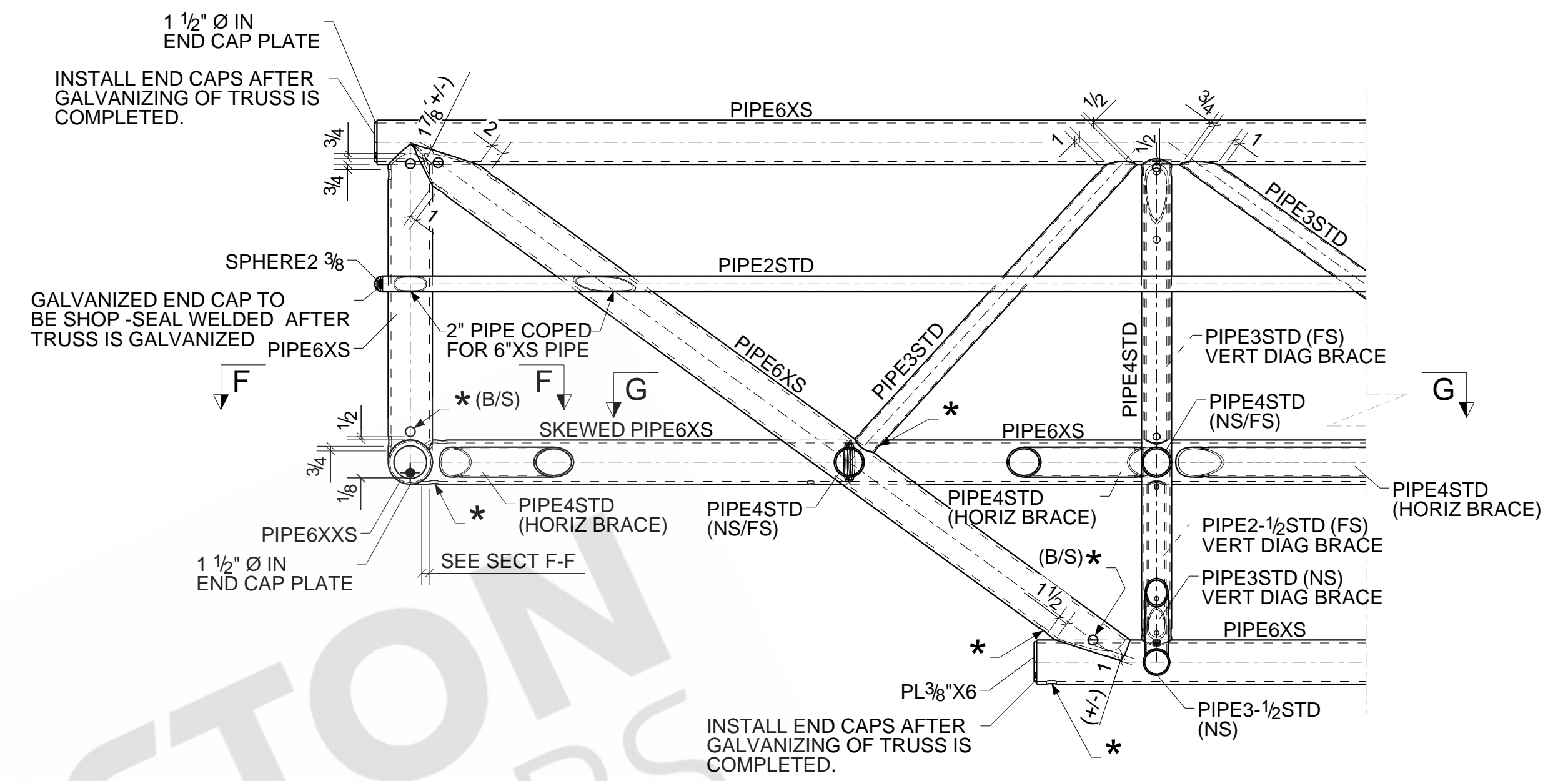
SECTION C - C
(REF: SEC-A/ AD-000-3500-0324-002)
FOR TYPICAL VENT HOLE DETAILS SEE SECTION D - D



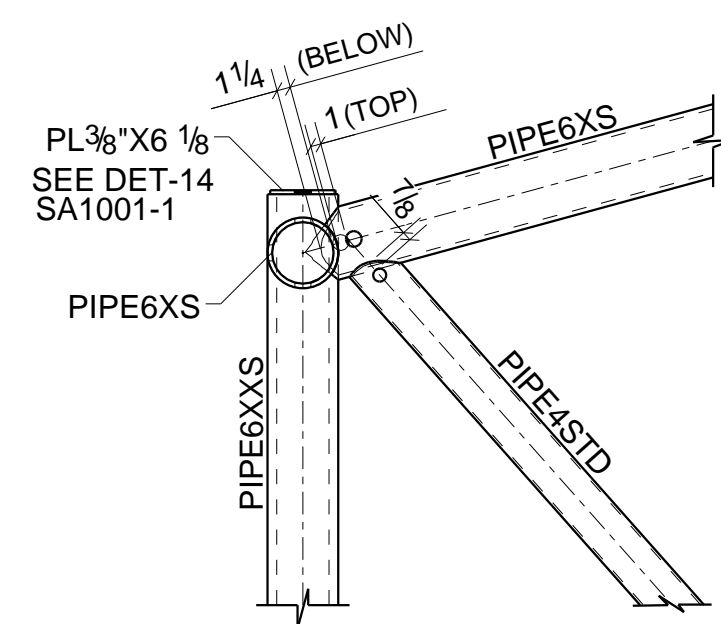
SECTION D - D
TYP. VENT HOLE SIZES

- 2" STD PIPE - (2) 1 1/2" Ø
- 2 1/2" STD PIPE - (2) 3/4" Ø
- 3" STD PIPE - (2) 1 1/8" Ø
- 3 1/2" STD PIPE - (2) 1 1/4" Ø
- 4" STD PIPE - (2) 1 1/4" Ø
- 6" XS PIPE - (3) 1 1/2" Ø

IF ADDITIONAL HOLES ARE REQUIRED BY GALVANIZER, THEY MUST BE PRE-APPROVED BY EOR-TYPICAL ALL MEMBERS.

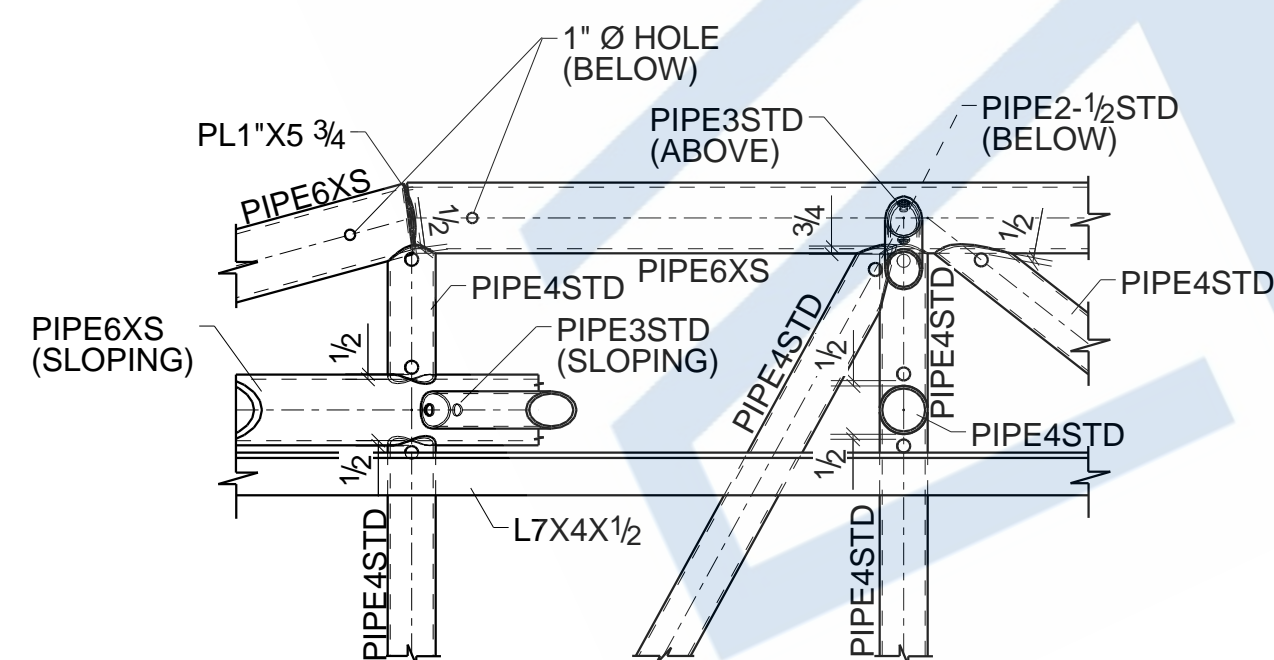


SECTION E - E



ONLY TOP HOLES IN ALL HORIZONTAL MEMBERS TO BE PLUGGED AFTER GALVANIZING

SECTION F - F



ONLY TOP HOLES IN ALL HORIZONTAL MEMBERS TO BE PLUGGED AFTER GALVANIZING

SECTION G - G

DETAILS ON THIS DRAWING ARE APPLICABLE TO BOTH THE SE AND NW SET OF WALKWAYS.

FOR LOCATION SEE TR1000 TO TR1003

SHOP NOTE

- 1) * INDICATES HOLE IS TO BE LEFT OPEN.
- 2) PLUG ALL OTHER HOLES U.N.O.

NOTE:

- 1) SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD-PREP BEVELING DETAILS FOR ALL COPED PIPES.
- 2) TOUCH UP AND REPAIR OF HOT DIP GALVANIZING IN THE SHOP ARE TO BE PERFORMED USING ZINC SPRAY METALLIZING / ZINC THERMAL SPRAY.

REFERENCE DRAWINGS

- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
- AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
- AD-000-3500-0324-002 r 0B; IFC 11/20
- AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
- MD-000-3500-0515-001 r 0; IFC 10/20
- MD-000-3500-0515-002 r 0; IFC 10/20
- MD-000-3500-0515-003 r 0; IFC 10/20
- MD-000-3500-0515-004 r 0; IFC 10/20
- MD-000-3500-0515-005 r 0; IFC 10/20
- MD-000-3500-0515-006 r 0; IFC 10/20
- MD-000-3500-0515-007 r 0; IFC 10/20
- MD-000-3500-0515-008 r 0; IFC 10/20
- MD-000-3500-0515-009 r 0; IFC 10/20
- MD-000-3500-0515-010 r 0; IFC 10/20

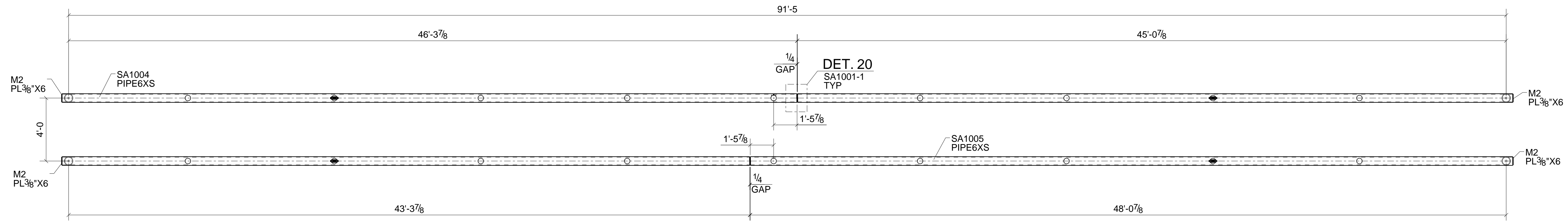
REFERENCE DRAWINGS

- AD-000-3500-0323-001 r 0; IFC 7/30/2020-2
- AD-000-3500-0324-001 r 0; IFC 7/30/2020-3
- AD-000-3500-0324-002 r 0B; IFC 11/20
- AD-000-3500-0325-001 r 0; IFC 7/30/2020-5
- MD-000-3500-0513-001 r 0A; IFC 11/20
- MD-000-3500-0513-002 r 0A; IFC 09/20
- MD-000-3500-0513-003 r 0A; IFC 09/20
- MD-000-3500-0513-004 r 0A; IFC 11/20
- MD-000-3500-0513-005 r 0B; IFC 11/20
- MD-000-3500-0514-001 r 0B; IFC 11/20
- MD-000-3500-0514-002 r 0B; IFC 11/20
- MD-000-3500-0514-003 r 0B; IFC 11/20
- MD-000-3500-0514-004 r 0B; IFC 11/20

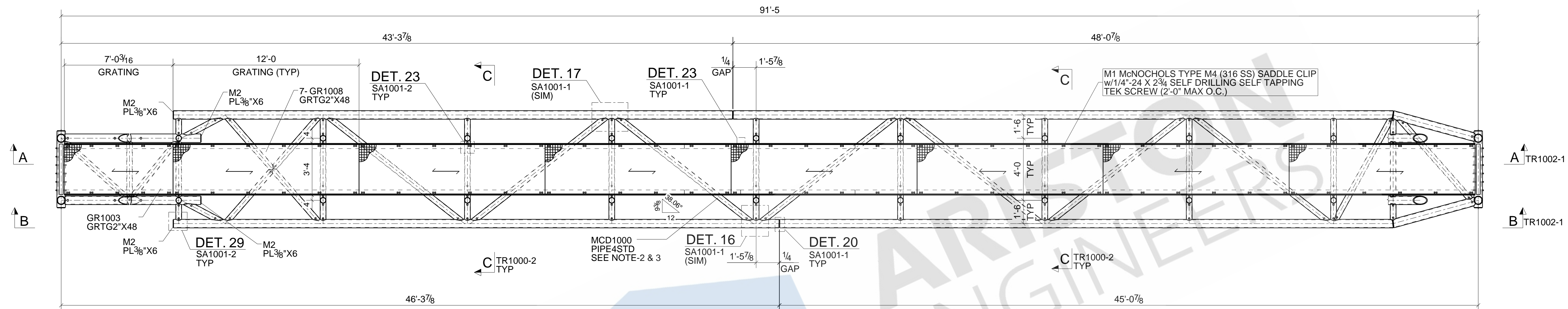
REV.	DATE	DESCRIPTION	BY	CHKD BY
1	03/04/2021	RE-ISSUED FOR FABRICATION	NSP	SAP
0	02/15/2021	ISSUED FOR FABRICATION	NSP	SAP
A	01/25/2021	ISSUED FOR APPROVAL	NSP	SAP

HLE SIZE U.N.: 13/16" Ø U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

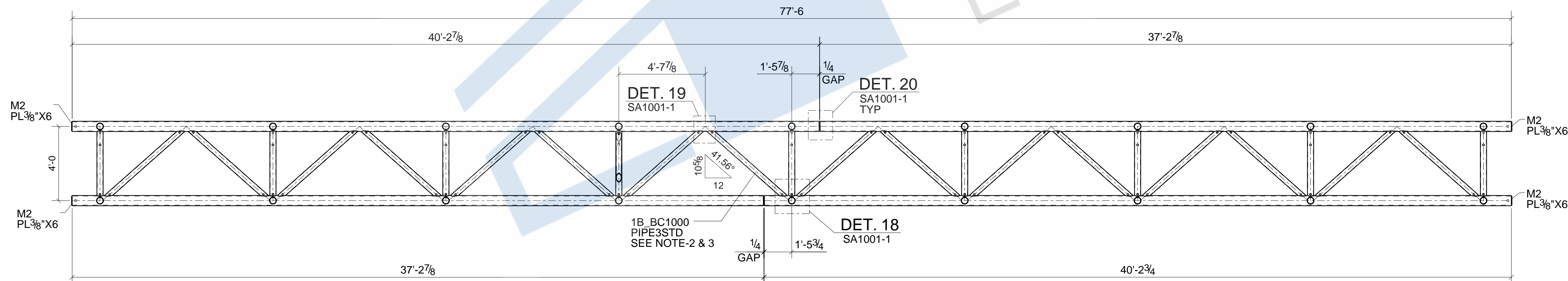
ARCHITECT			
ENGINEER			
CONTRACTOR			
PROJECT NAME AND LOCATION			
DESCRIPTION	WB-1A SE SECTION & DETAILS		
DRAWN BY	NSP	DATE	01/23/2021
CHECKED BY	SAP	DATE	03/04/2021
REF. SEE REF DWG LIST (SE & NW)			
JOB No.	34800094		
DRG No.	TR1000-2		
REV	1		



WB-1A NW PLAN @ TOP CHORD



WB-1A NW PLAN @ MID CHORD



WB-1A NW PLAN @ BOTTOM CHORD

WORK THIS DRAWING WITH SHEET TR1002-1

NOTE:
FOR TYPICAL SECTION & DETAILS SEE TR1000-2, SA1001-1 & SA1001-2

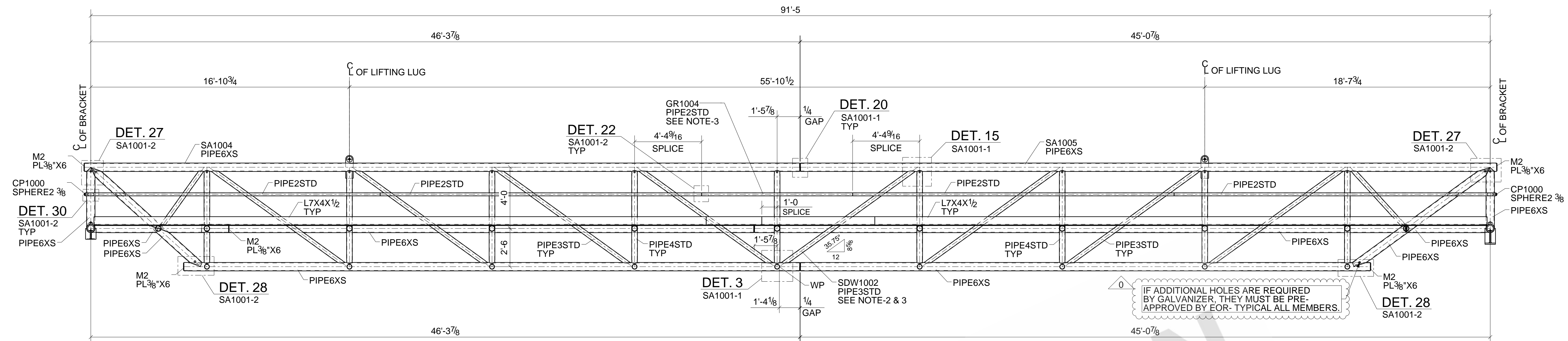
- NOTE:
- SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPED PIPES.
 - TOUCH UP AND REPAIR OF HOT DIP GALVANIZING IN THE SHOP ARE TO BE PERFORMED USING ZINC SPRAY METALLIZING / ZINC THERMAL SPRAY.
 - PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL FOR 2" AT BOTH END OF ASSEMBLY BEFORE GALVANIZING.

REFERENCE DRAWINGS

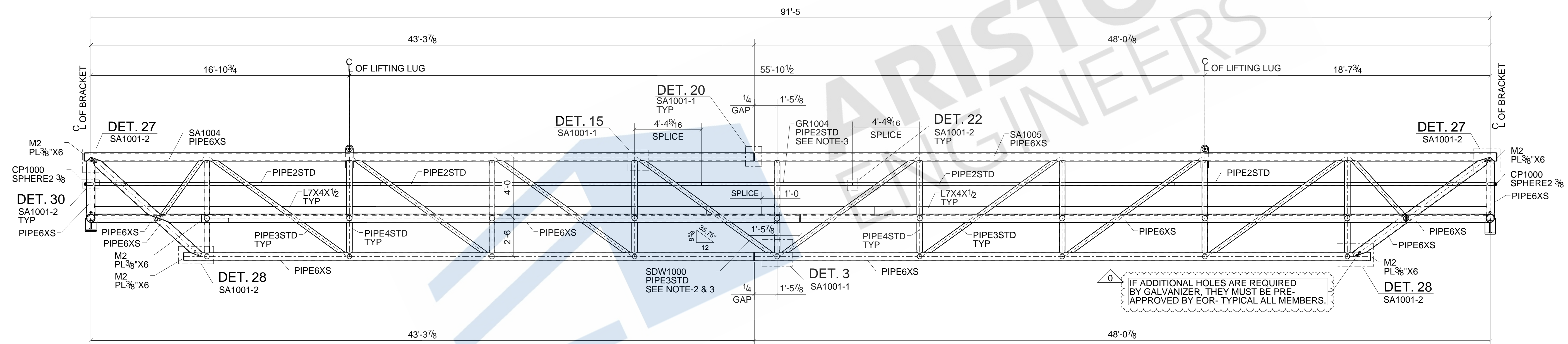
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AD-000-3500-0324-001 r 0;	IFC 7/20/2020-3
AD-000-3500-0324-002 r 0B;	IFC 11/20
AD-000-3500-0325-001 r 0;	IFC 7/20/2020-5
MD-000-3500-0515-001 r 0;	IFC 10/20
MD-000-3500-0515-002 r 0;	IFC 10/20
MD-000-3500-0515-003 r 0;	IFC 10/20
MD-000-3500-0515-004 r 0;	IFC 10/20
MD-000-3500-0515-005 r 0;	IFC 10/20
MD-000-3500-0515-006 r 0;	IFC 10/20
MD-000-3500-0515-007 r 0;	IFC 10/20
MD-000-3500-0515-008 r 0;	IFC 10/20
MD-000-3500-0515-009 r 0;	IFC 10/20
MD-000-3500-0515-010 r 0;	IFC 10/20

0	03/04/2021	ISSUED FOR FABRICATION	NSP	SAP
A	01/27/2021	ISSUED FOR APPROVAL	NSP	SAP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16" Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123				

ARCHITECT					
ENGINEER					
CONTRACTOR					
PROJECT NAME AND LOCATION					
DESCRIPTION	WB-1A NW				
DRAWN BY	NSP	DATE	01/01/2021	REF.	SEE REF DWG LIST
CHECKED BY	SAP	DATE	03/04/2021	DWG	(NW)
JOB No. 34800094					
DRG No. TR1002					
REV 0					



SECTION A - A
TR1002



SECTION B - B
TR1002

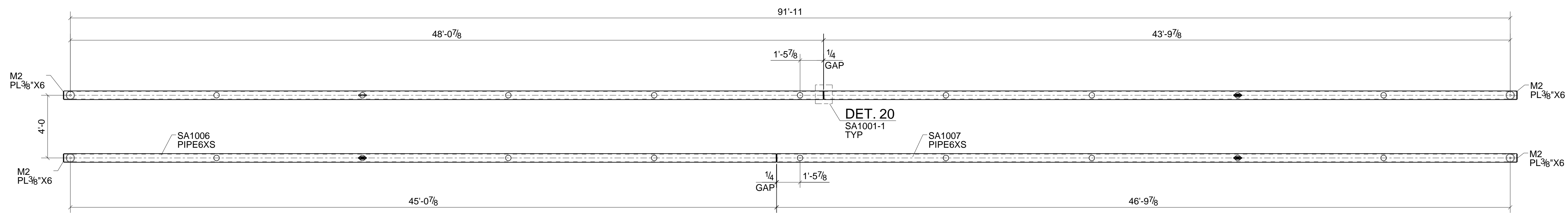
WORK THIS DRAWING WITH SHEET TR1002

NOTE:
FOR TYPICAL SECTION & DETAILS SEE TR1000-2, SA1001-1 & SA1001-2.

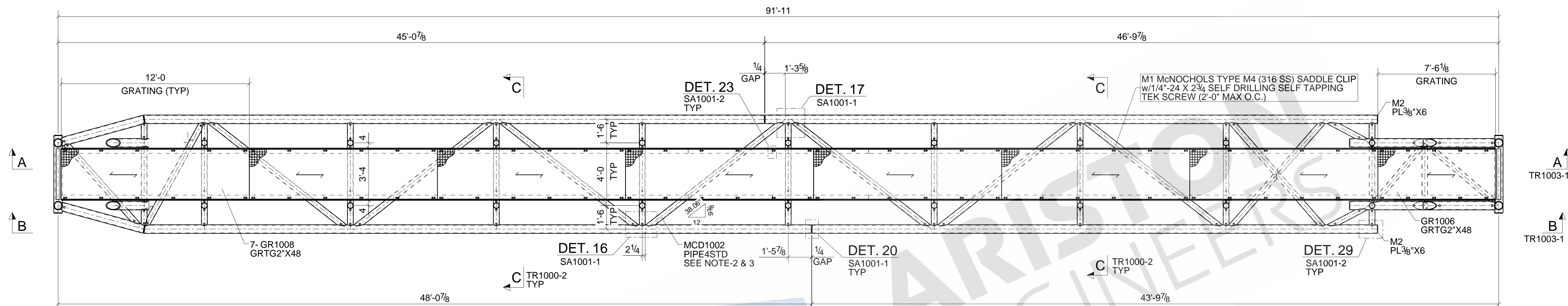
- NOTE:
- SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPEDED PIPES.
 - TOUCH UP AND REPAIR OF HOT DIP GALVANIZING IN THE SHOP ARE TO BE PERFORMED USING ZINC SPRAY METALLIZING / ZINC THERMAL SPRAY.
 - PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL FOR 2" AT BOTH END OF ASSEMBLY BEFORE GALVANIZING.

REFERENCE DRAWINGS
 AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 AD-000-3500-0324-002 r 0B; IFC 11/20
 AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 MD-000-3500-0515-001 r 0; IFC 10/20
 MD-000-3500-0515-002 r 0; IFC 10/20
 MD-000-3500-0515-003 r 0; IFC 10/20
 MD-000-3500-0515-004 r 0; IFC 10/20
 MD-000-3500-0515-005 r 0; IFC 10/20
 MD-000-3500-0515-006 r 0; IFC 10/20
 MD-000-3500-0515-007 r 0; IFC 10/20
 MD-000-3500-0515-008 r 0; IFC 10/20
 MD-000-3500-0515-009 r 0; IFC 10/20
 MD-000-3500-0515-010 r 0; IFC 10/20

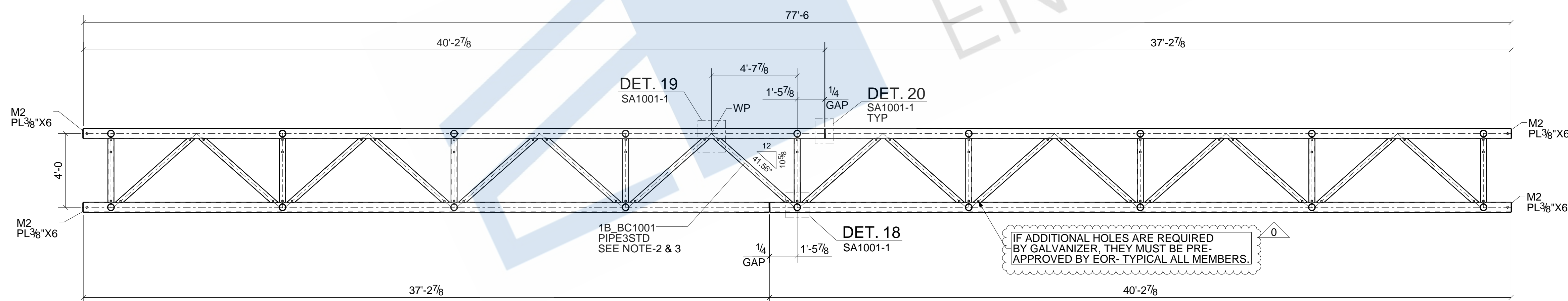
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A	01/27/2021	ISSUED FOR APPROVAL	NSP	SAP
REV.	DATE	DESCRIPTION	BY	CHKD BY
HLE SIZE U.N.: 13/16" Ø U.N.O. MIN. COPE: 1/2" r. SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123				
ARCHITECT				
ENGINEER				
CONTRACTOR				
PROJECT NAME AND LOCATION				
DESCRIPTION	WB-1A NW SECTION			
DRAWN BY	NSP	DATE 01/01/2021	REF. SEE REF DWG LIST	
CHECKED BY	SAP	DATE 03/04/2021	DWG (NW)	
			JOB No. 34800094	
			DRG No. TR1002-1	REV 0



WB-1B NW PLAN @ TOP CHORD



WB-1B NW PLAN @ MID CHORD



WB-1B NW PLAN @ BOTTOM CHORD

WORK THIS DRAWING WITH SHEET TR1003-1

NOTE:
FOR TYPICAL SECTION & DETAILS SEE TR1000-2, SA1001-1 & SA1001-2.

NOTE:

- SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPED PIPES.
- TOUCH UP AND REPAIR OF HOT DIP GALVANIZING IN THE SHOP ARE TO BE PERFORMED USING ZINC SPRAY METALLIZING / ZINC THERMAL SPRAY.
- PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL FOR 2" AT BOTH END OF ASSEMBLY BEFORE GALVANIZING.

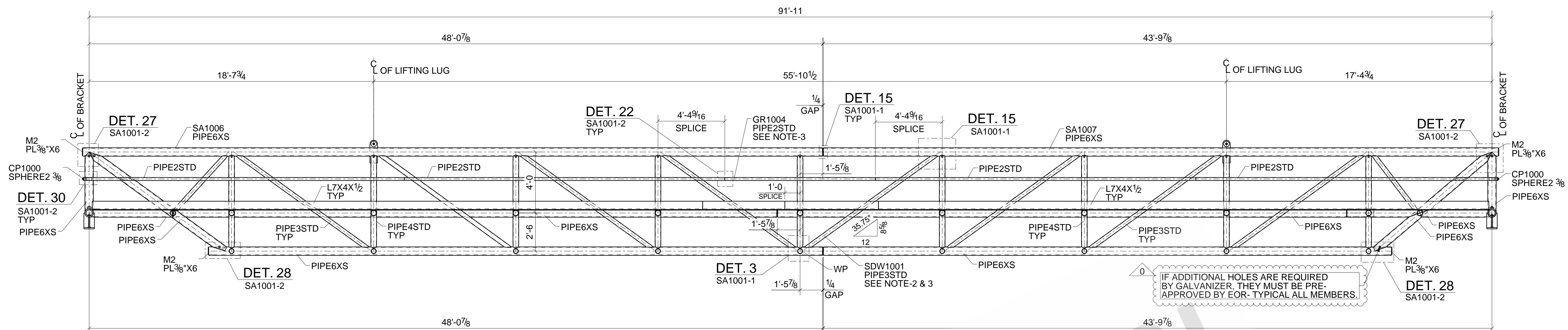
REFERENCE DRAWINGS

- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
- AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
- AD-000-3500-0324-002 r 0B; IFC 11/20
- AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
- MD-000-3500-0515-001 r 0; IFC 10/20
- MD-000-3500-0515-002 r 0; IFC 10/20
- MD-000-3500-0515-003 r 0; IFC 10/20
- MD-000-3500-0515-004 r 0; IFC 10/20
- MD-000-3500-0515-005 r 0; IFC 10/20
- MD-000-3500-0515-006 r 0; IFC 10/20
- MD-000-3500-0515-007 r 0; IFC 10/20
- MD-000-3500-0515-008 r 0; IFC 10/20
- MD-000-3500-0515-009 r 0; IFC 10/20
- MD-000-3500-0515-010 r 0; IFC 10/20

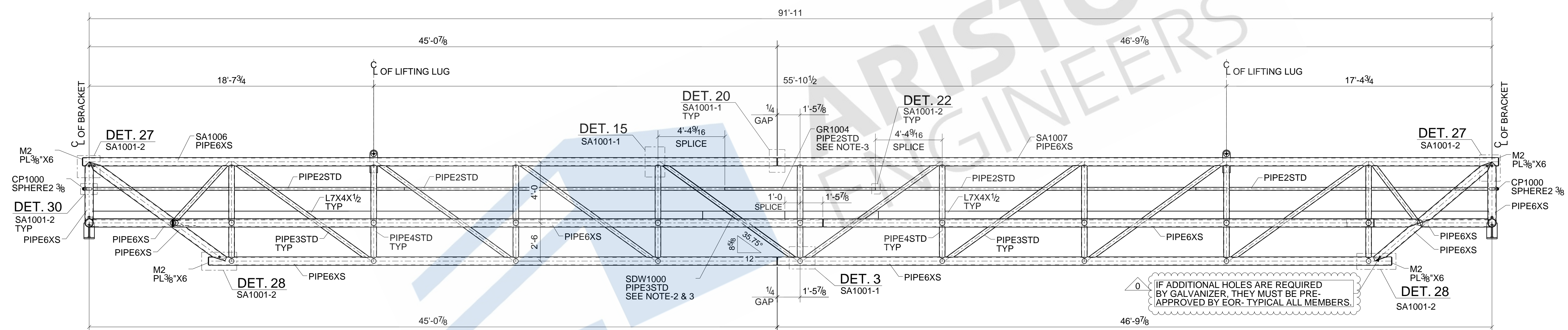
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A	01/27/2021	ISSUED FOR APPROVAL	NSP	SAP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16" Ø U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT	
ENGINEER	
CONTRACTOR	
PROJECT NAME AND LOCATION	
DESCRIPTION	WB-1B NW
DRAWN BY	NSP DATE 01/01/2021
CHECKED BY	SAP DATE 03/04/2021
REF. SEE REF DWG LIST DWG (NW)	
JOB No.	34800094
DRG No.	TR1003
REV	0



SECTION A - A
TR1003



SECTION B - B
TR1003

WORK THIS DRAWING WITH SHEET TR1003

NOTE:
FOR TYPICAL SECTION & DETAILS SEE TR1000-2, SA1001-1 & SA1001-2.

- NOTE:
- SEE DESIGN DWG AD-000-3500-0325-001 (REV 0) FOR SPECIFIC WELD -PREP BEVELING DETAILS FOR ALL COPED PIPES.
 - TOUCH UP AND REPAIR OF HOT DIP GALVANIZING IN THE SHOP ARE TO BE PERFORMED USING ZINC SPRAY METALLIZING / ZINC THERMAL SPRAY.
 - PROVIDE A SUITABLE GALVANIZING "STOP OFF" MATERIAL FOR 2" AT BOTH END OF ASSEMBLY BEFORE GALVANIZING.

- REFERENCE DRAWINGS
- AD-000-3500-0323-001 r 0; IFC 7/20/2020-2
 - AD-000-3500-0324-001 r 0; IFC 7/20/2020-3
 - AD-000-3500-0324-002 r 0B; IFC 11/20
 - AD-000-3500-0325-001 r 0; IFC 7/20/2020-5
 - MD-000-3500-0515-001 r 0; IFC 10/20
 - MD-000-3500-0515-002 r 0; IFC 10/20
 - MD-000-3500-0515-003 r 0; IFC 10/20
 - MD-000-3500-0515-004 r 0; IFC 10/20
 - MD-000-3500-0515-005 r 0; IFC 10/20
 - MD-000-3500-0515-006 r 0; IFC 10/20
 - MD-000-3500-0515-007 r 0; IFC 10/20
 - MD-000-3500-0515-008 r 0; IFC 10/20
 - MD-000-3500-0515-009 r 0; IFC 10/20
 - MD-000-3500-0515-010 r 0; IFC 10/20

0	03/04/2021	ISSUED FOR FABRICATION	NSP	SAP
A	01/27/2021	ISSUED FOR APPROVAL	NSP	SAP
REV.	DATE	DESCRIPTION	BY	CHKD BY

HLE SIZE U.N.: 13/16" U.N.O.
MIN. COPE: 1/2" r.
SHOP PAINT: CLEAN PER SSPC SP6 & HOT DIP GALV AFTER FAB PER ASTM A123

ARCHITECT			
ENGINEER			
CONTRACTOR			
PROJECT NAME AND LOCATION			
DESCRIPTION	WB-1B NW SECTION	JOB No.	34800094
DRAWN BY	NSP	DATE	01/01/2021
CHECKED BY	SAP	DATE	03/04/2021
REF. SEE REF DWG LIST DWG (NW)		DRG No.	TR1003-1
		REV	0