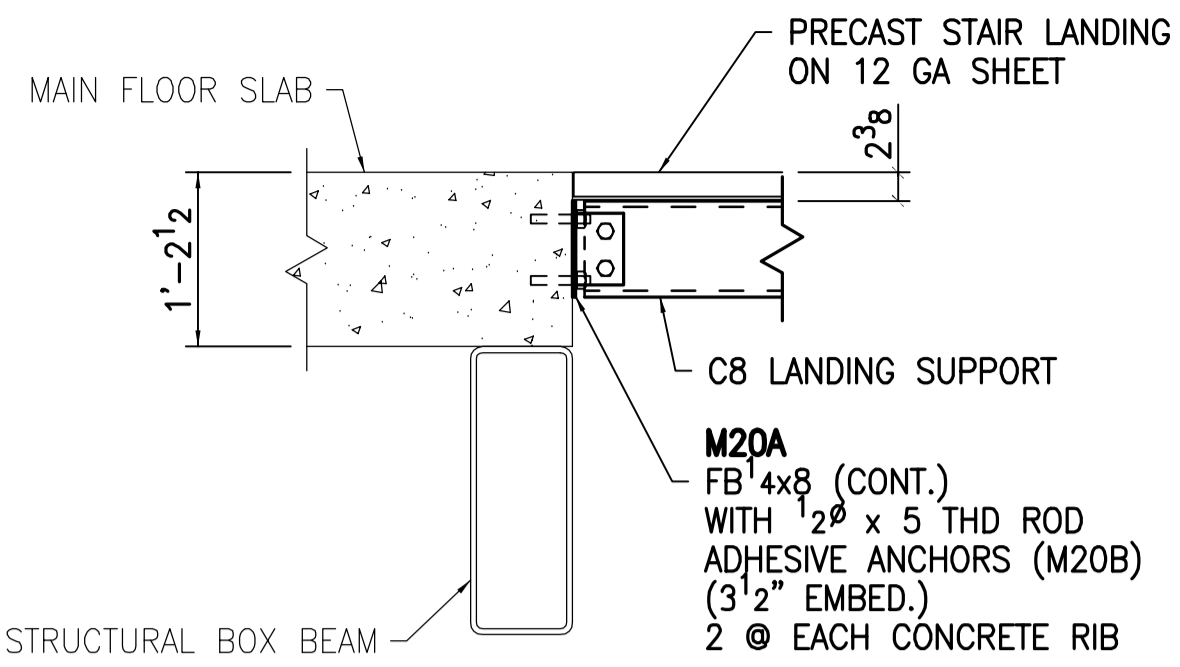
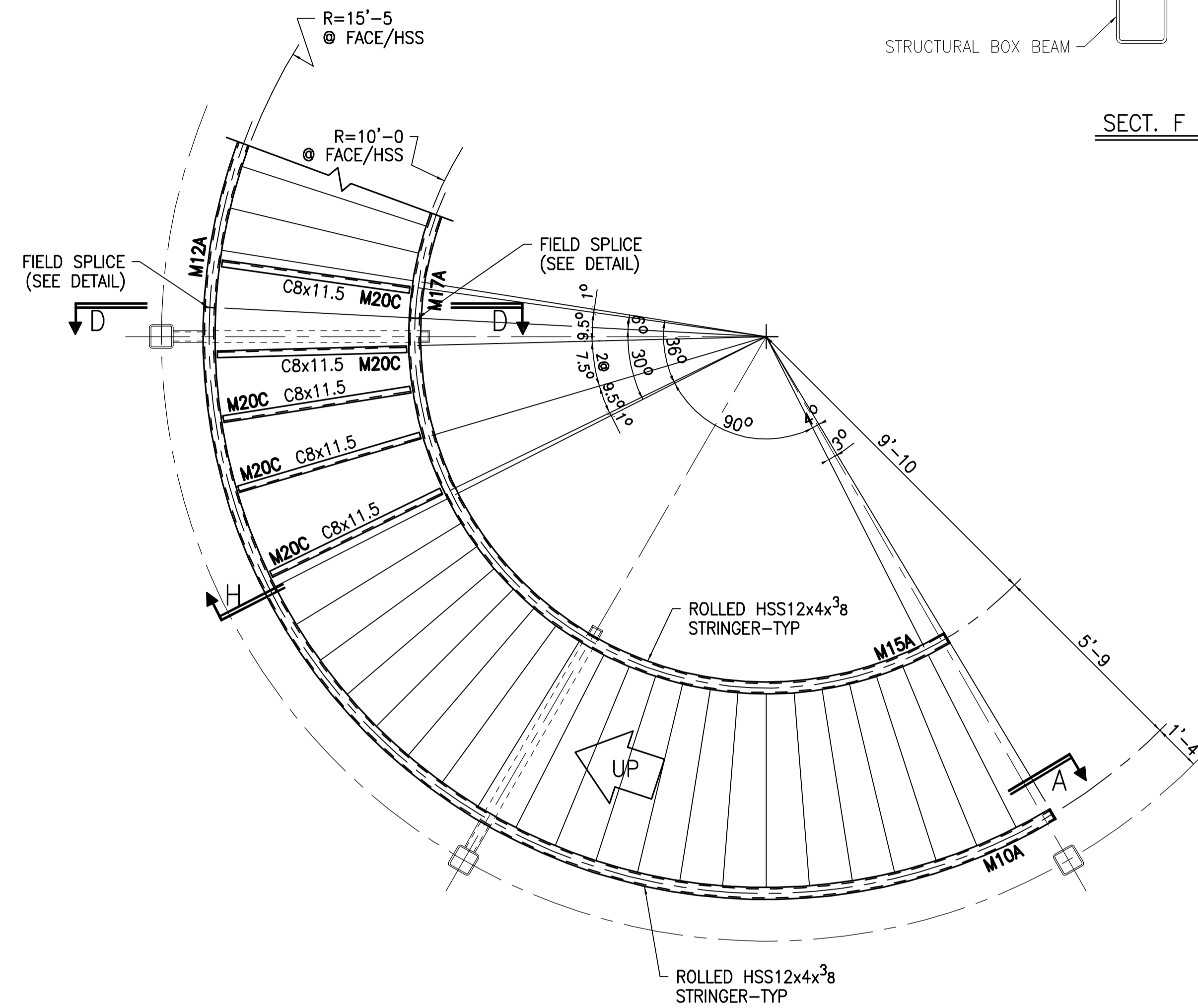


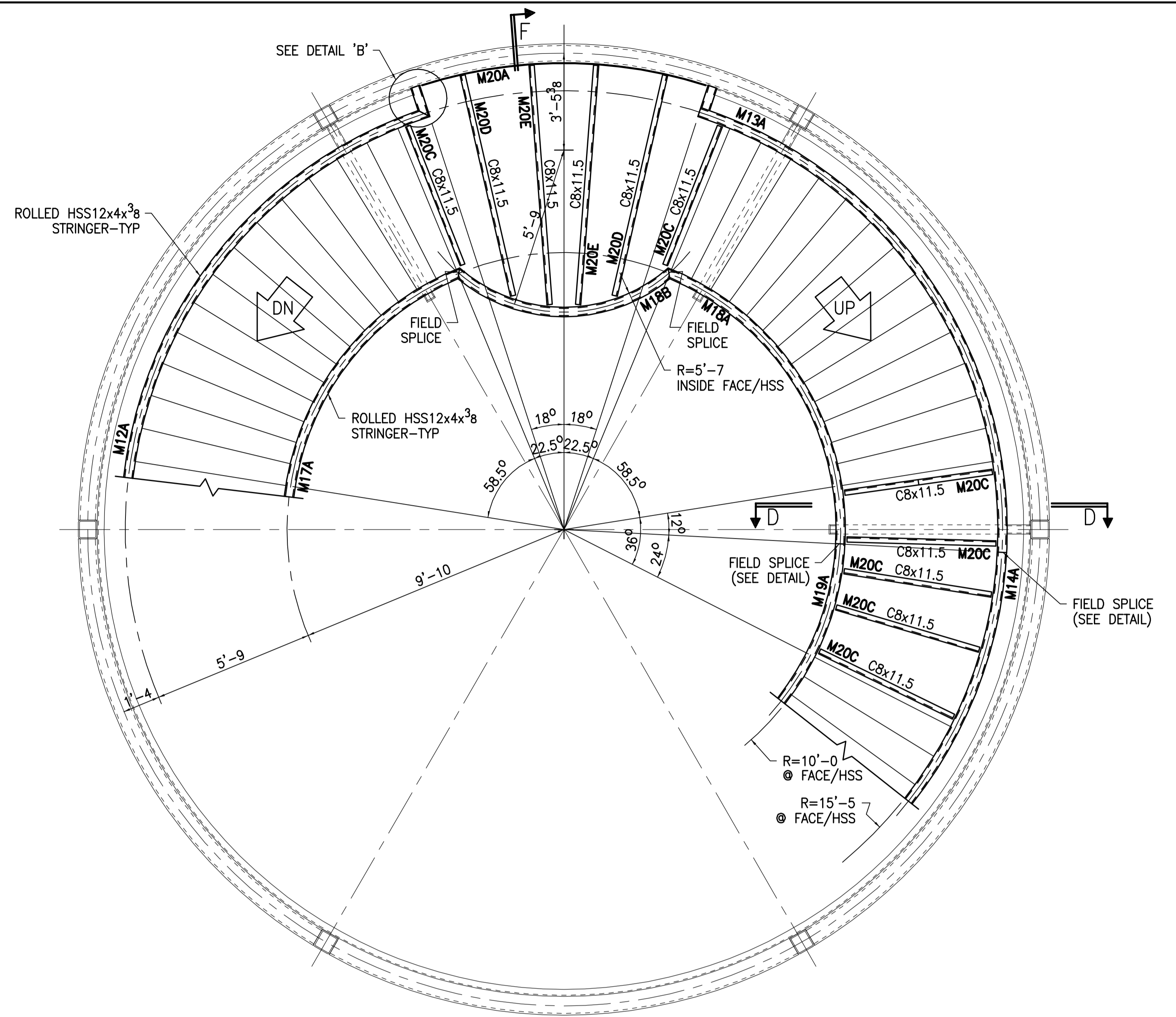
SECT. H



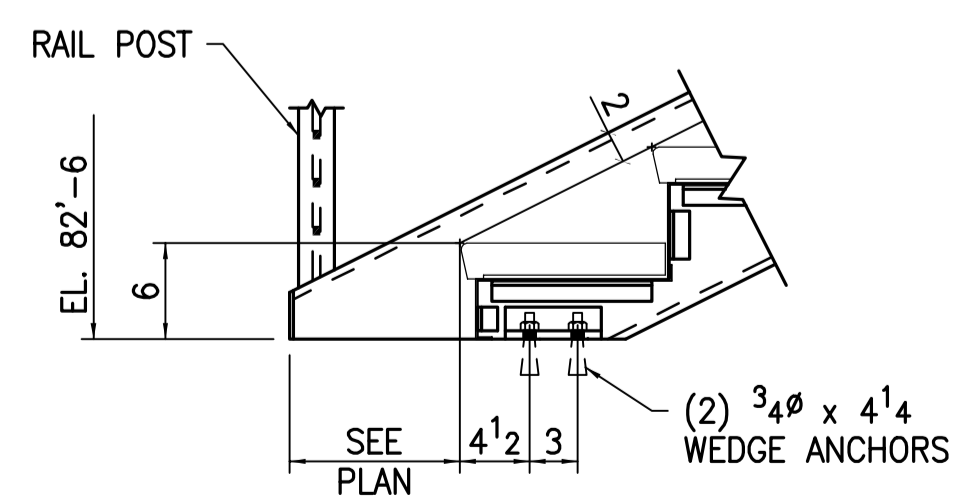
SECT. F



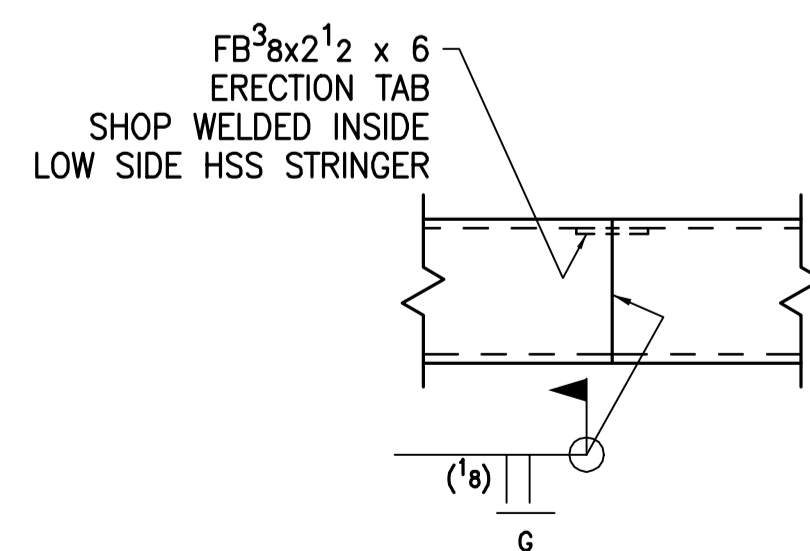
ATRIUM STAIR - LOWER LEVEL



ATRIUM STAIR - MAIN LEVEL

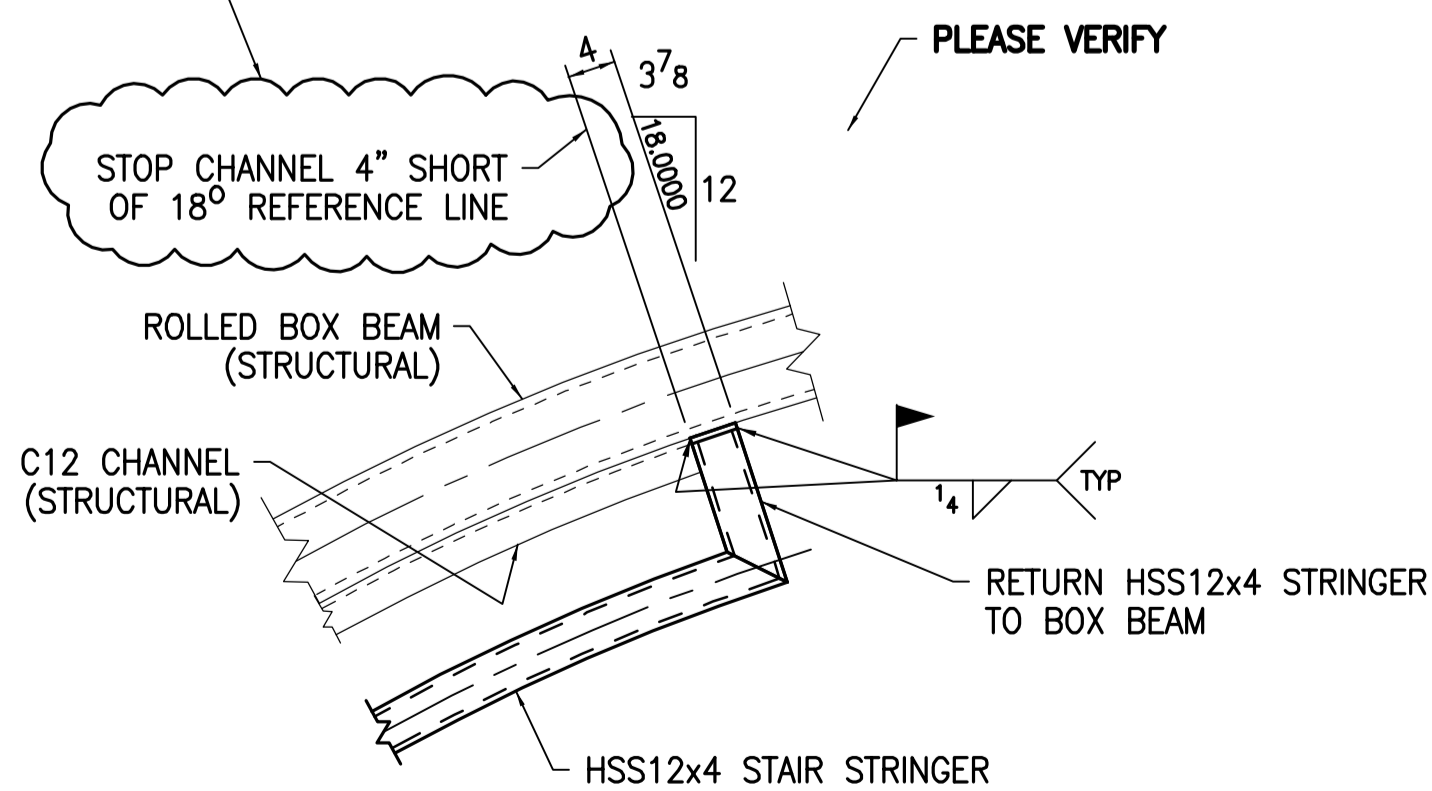


SECT. A



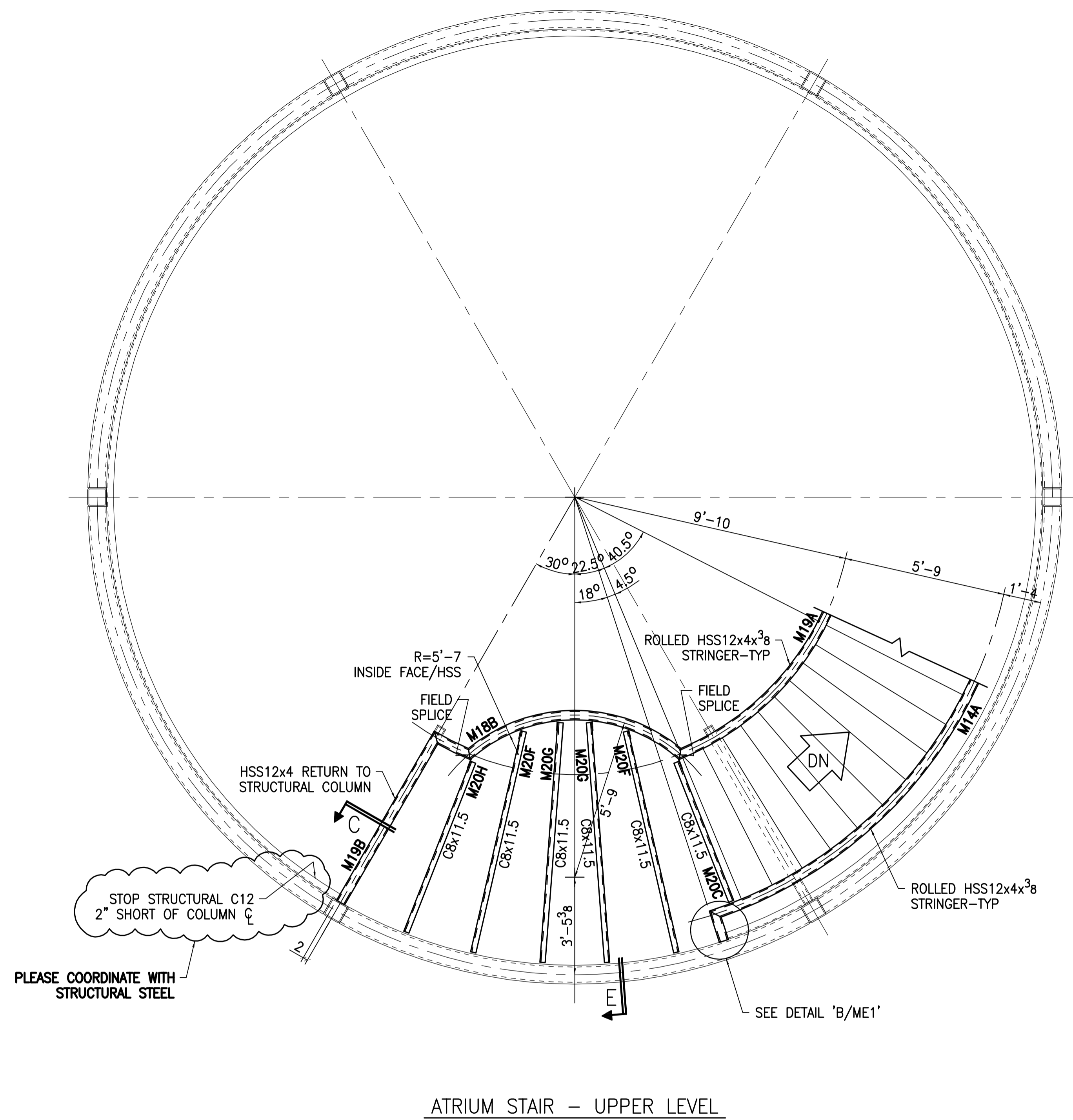
TYPICAL FIELD SPLICE DETAIL

PLEASE COORDINATE WITH STRUCTURAL STEEL

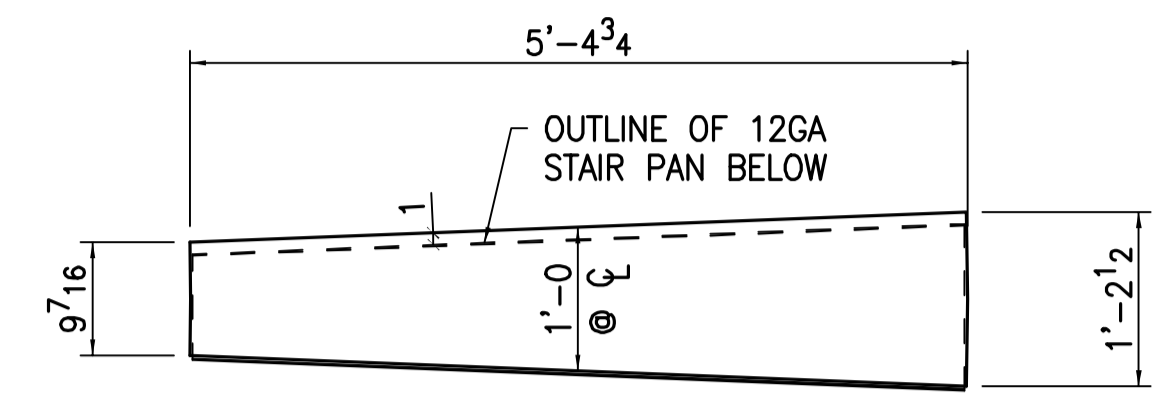


DETAIL B

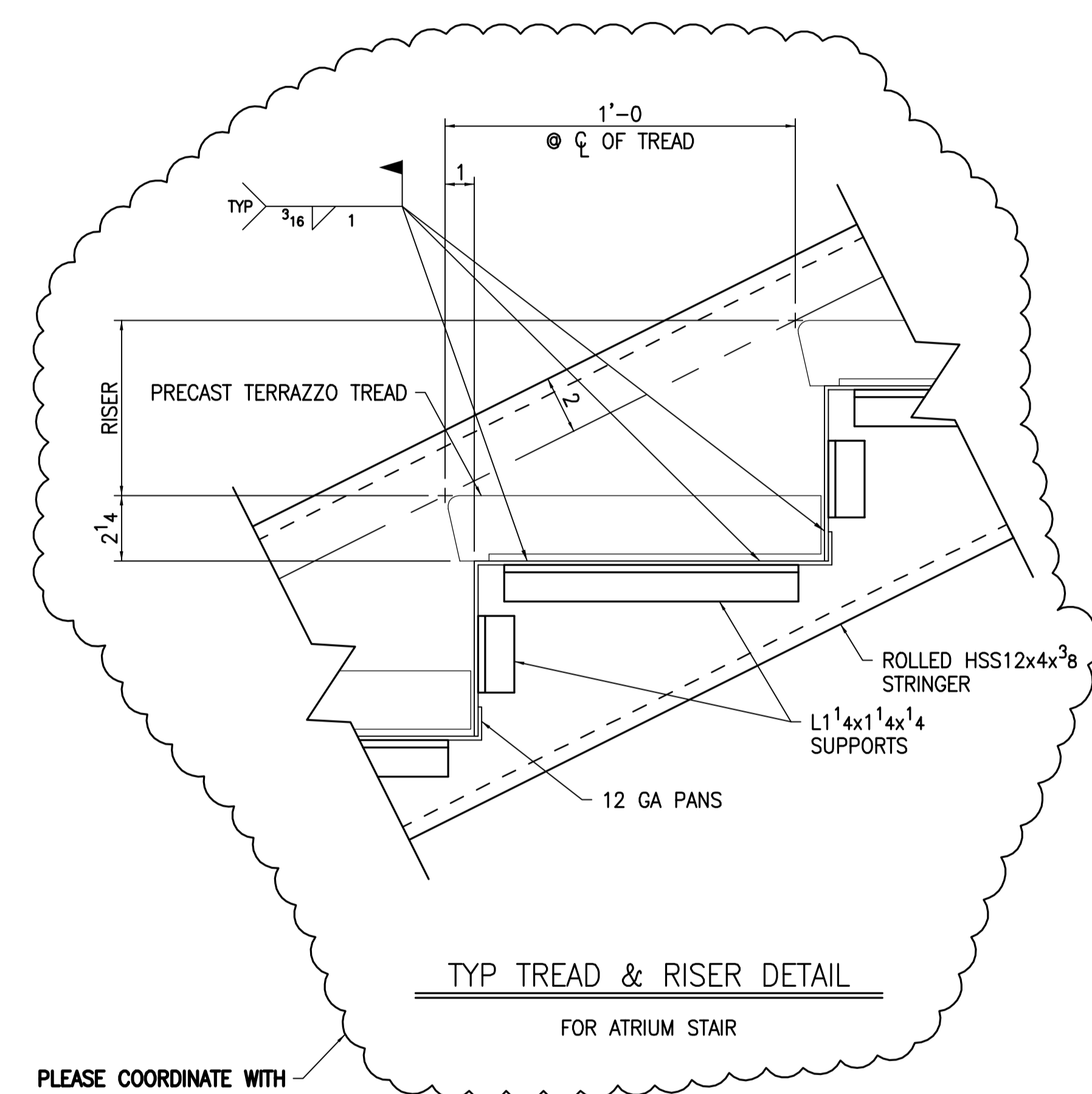
FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR. B PIPE - ASTM A53 GR. B CONN. MATERIAL - ASTM A36	2.14.12		RELEASE FOR FABRICATION	
SURFACE PREP: SSPC-SP3	PRINT REQUISITION			
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)	SEPA	PRINT	DESTINATION	DATE OUT
STD. HOLES: 13/16 DIA.	1ST APPROVAL			SHOP
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS				ERECTION
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET	DETAILS OF: ATRIUM STAIR PLANS			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.	PROJECT:			
	LOCATION:			
	ARCHITECT:			
	ENGINEER:			
	CONTRACTOR:			
	PROJECT NO.	DWG. NO.		
	1014	ME1		
DRAWN BY: JUST	DATE: 6.28.11	CHK'D BY:	DATE:	



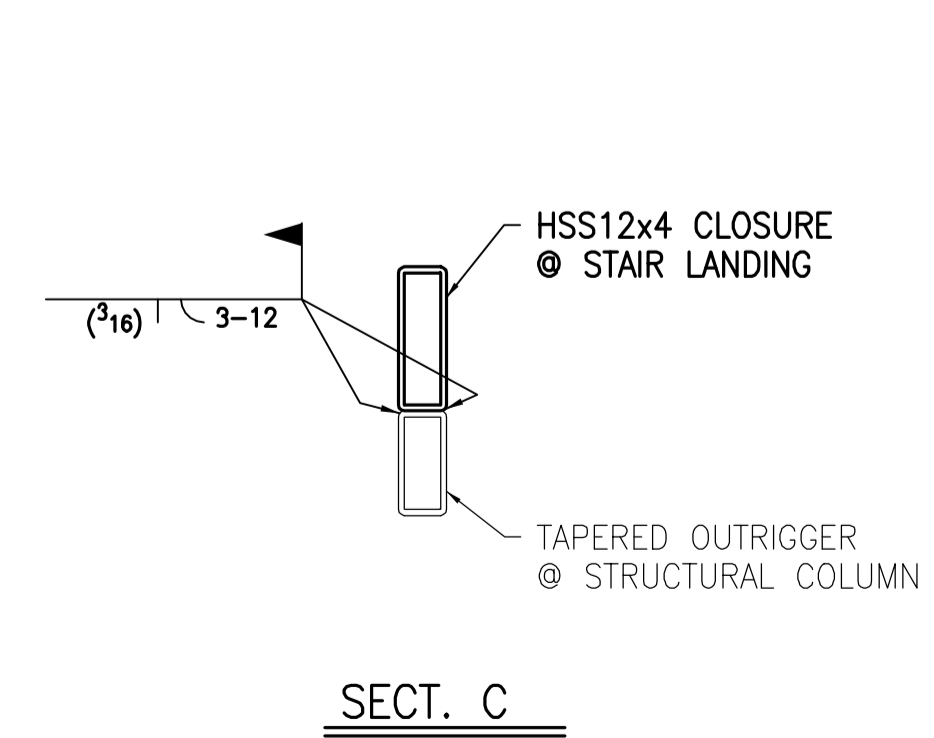
ATRIUM STAIR - UPPER LEVEL



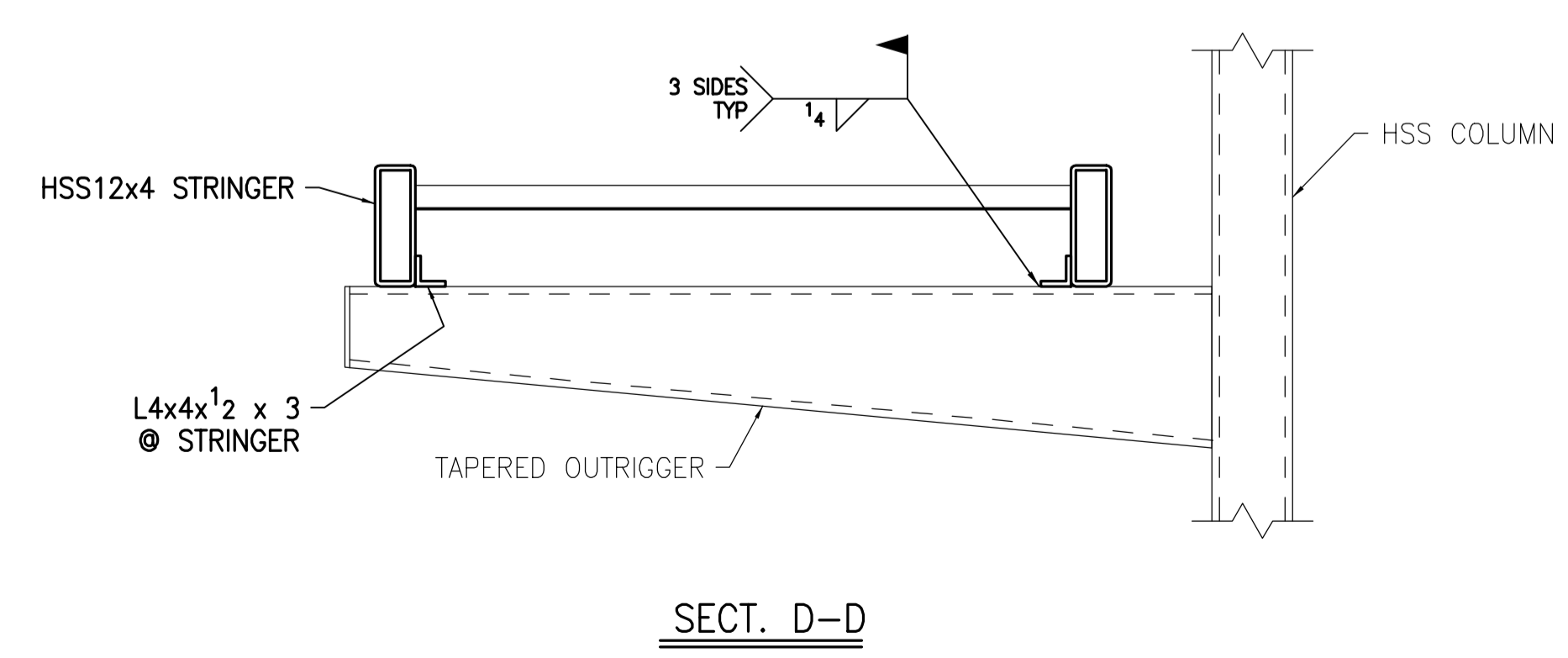
PLAN VIEW OF SINGLE TREAD



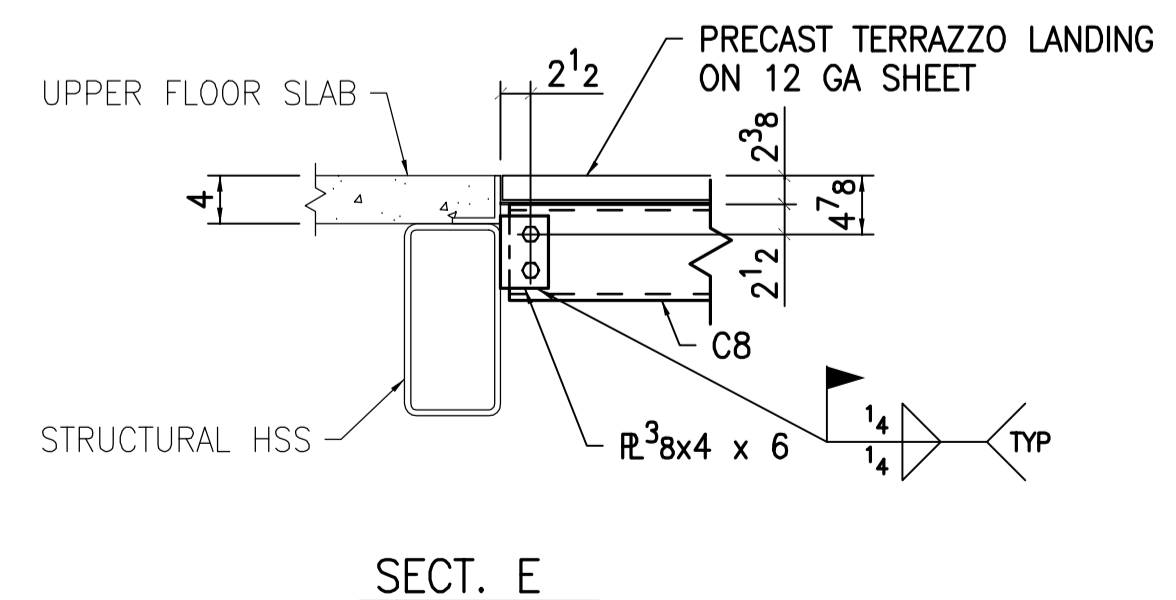
TYP TREAD & RISER DETAIL FOR ATRIUM STAIR



SECT. C

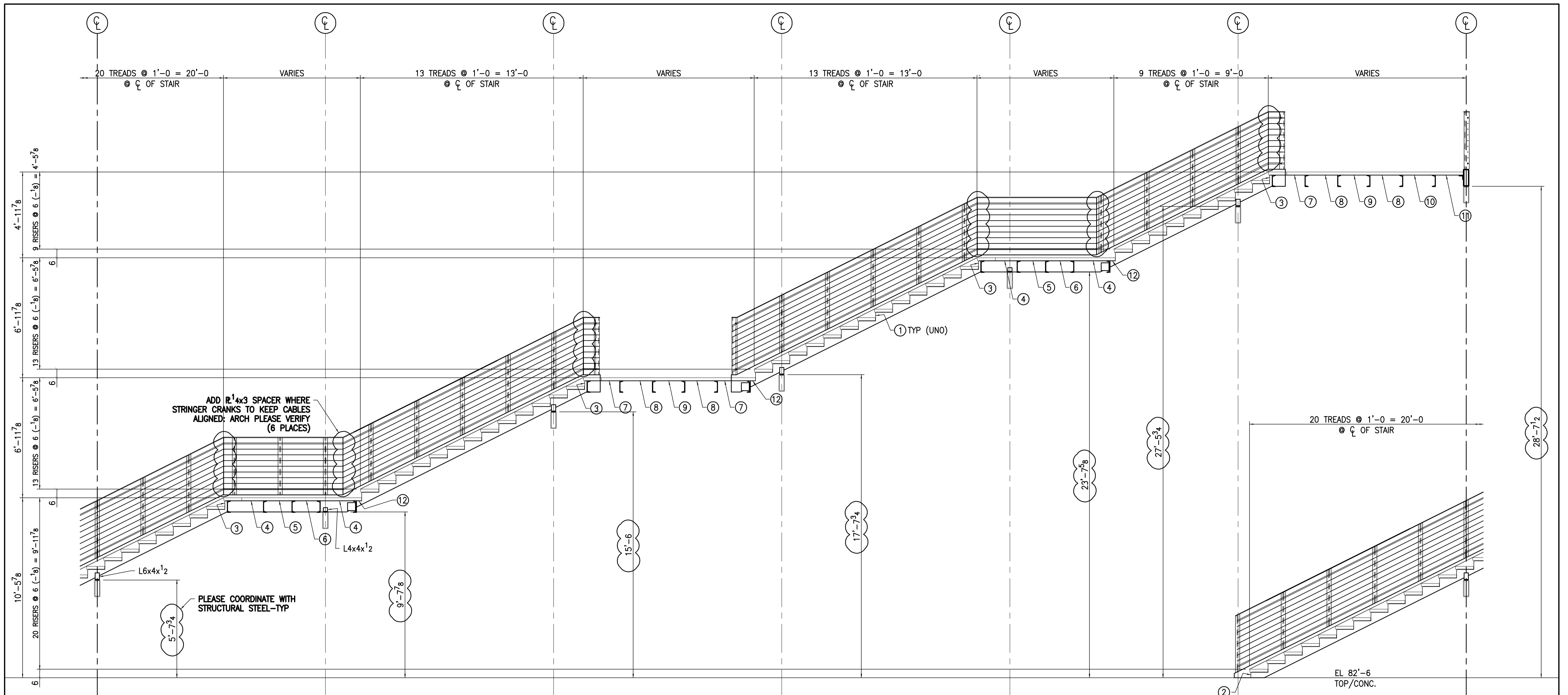


SECT. D-D



SECT. E

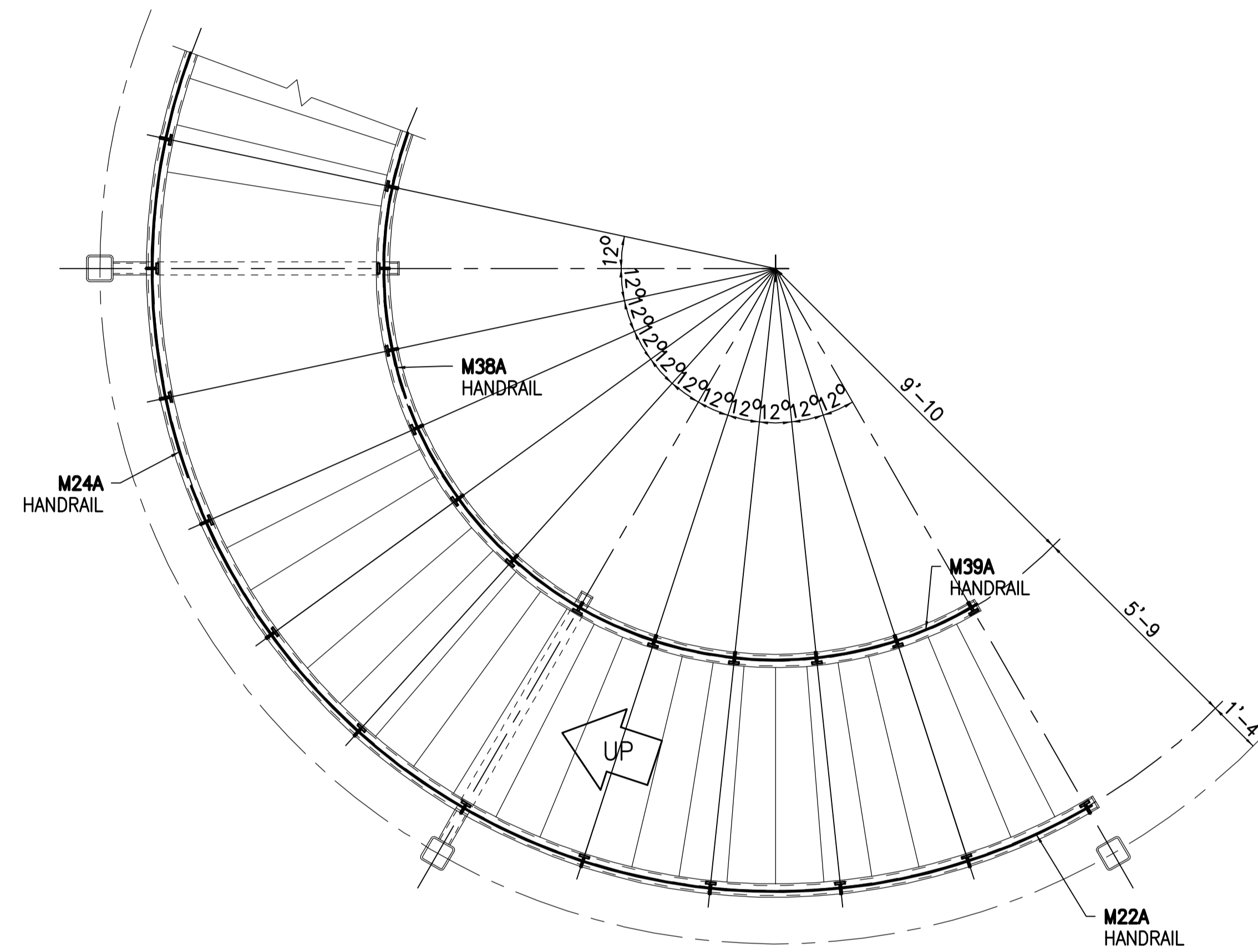
FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36				
SURFACE PREP: SSPC-SP3				
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)				
STD. HOLES: 13/16 DIA.				
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS				
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET				
DETAILS OF: ATRIUM STAIR PLANS & DETAILS				
PROJECT:				
LOCATION:				
ARCHITECT:				
ENGINEER:				
CONTRACTOR:				
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.				
DRAWN BY: JST	DATE: 6.28.11	CHK'D BY:	DATE:	
				PROJECT NO. 1014
				DWG. NO. ME2



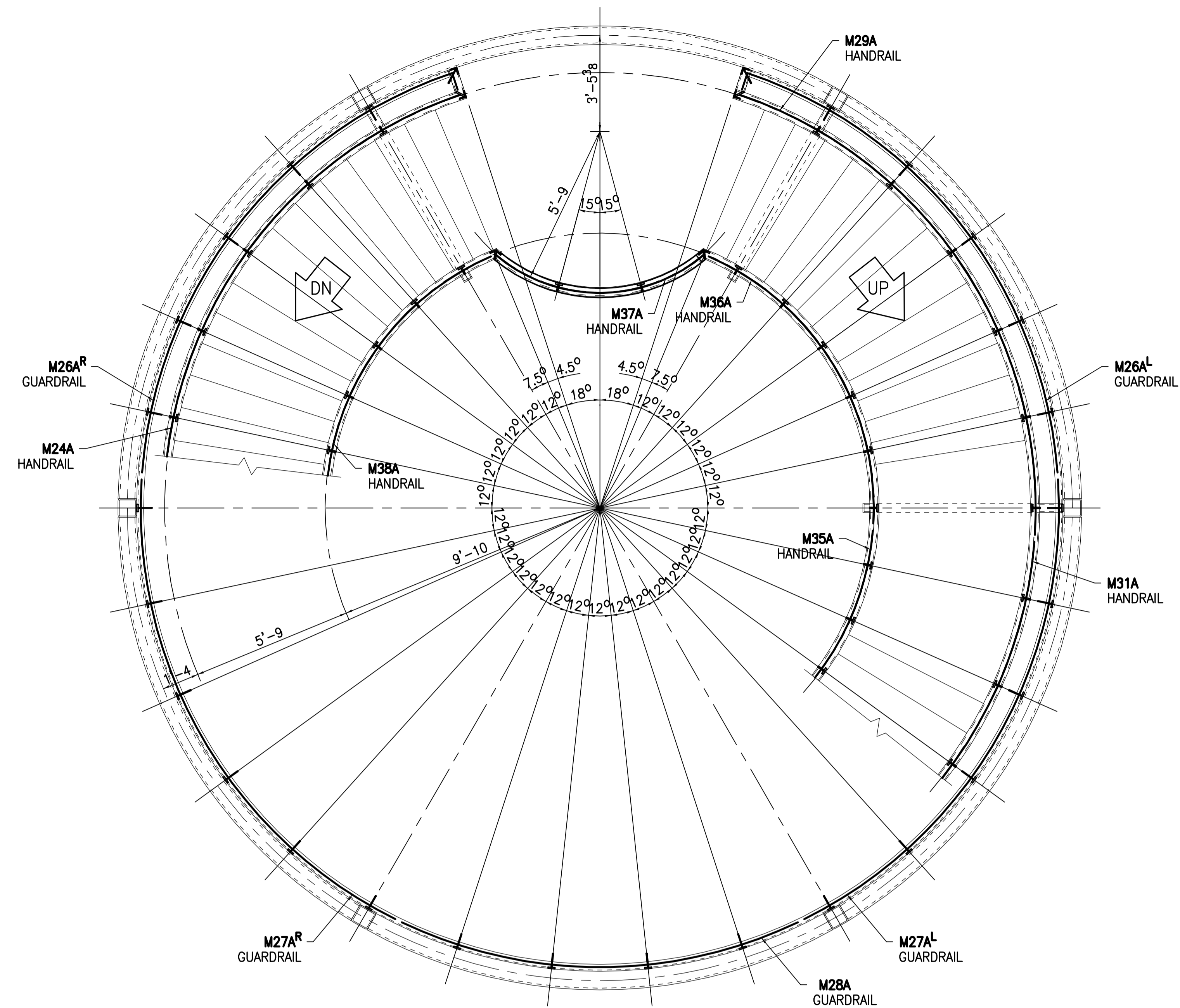
ELEVATION @ ATRIUM STAIR

DENOTES PIECEMARK FOR STAIR PANS
(SEE DRAWING M21 FOR DETAILS)

FABRICATION STANDARDS (U.N.) MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36	REV. NO.	DATE	REVISION DESCRIPTION	BY								
	2.14.12		RELEASE FOR FABRICATION									
SURFACE PREP: SSPC-SP3	SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	APPR.	AN	REJ	PRINT	DESTINATION	DATE OUT
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)			1ST APPROVAL								SHOP	
STD. HOLES: 13/16 DIA. STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET			DISTRIBUTION								ERECTION	
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.	DETAILS OF: ATRIUM STAIR ELEVATION PROJECT: _____ LOCATION: _____ ARCHITECT: _____ ENGINEER: _____ CONTRACTOR: _____											
	PROJECT NO.	DWG. NO.										
	1014	ME3										
DRAWN BY: JST DATE: 6.30.11 CHK'D BY: _____ DATE: _____												

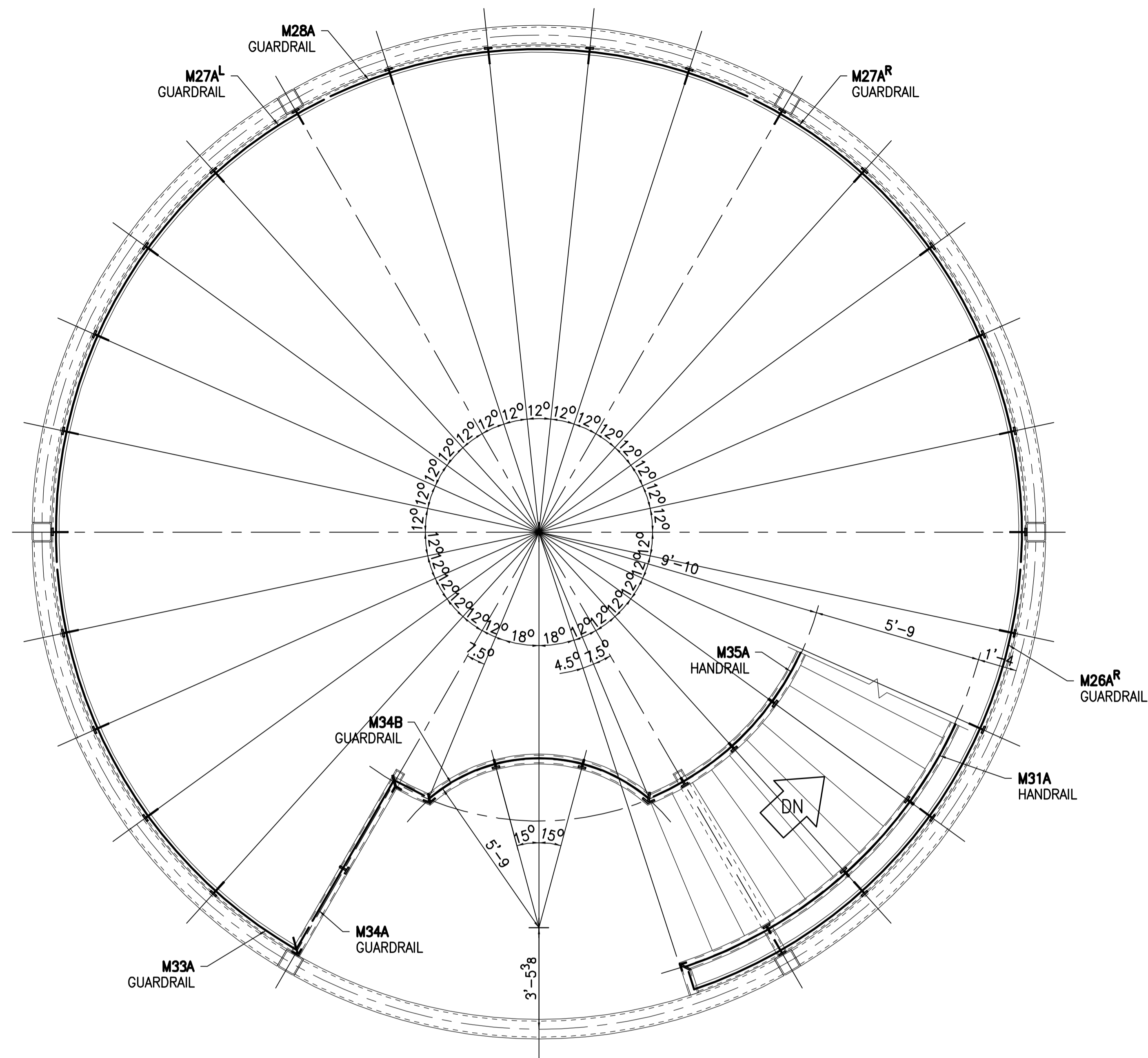


ATRIUM RAILS - LOWER LEVEL



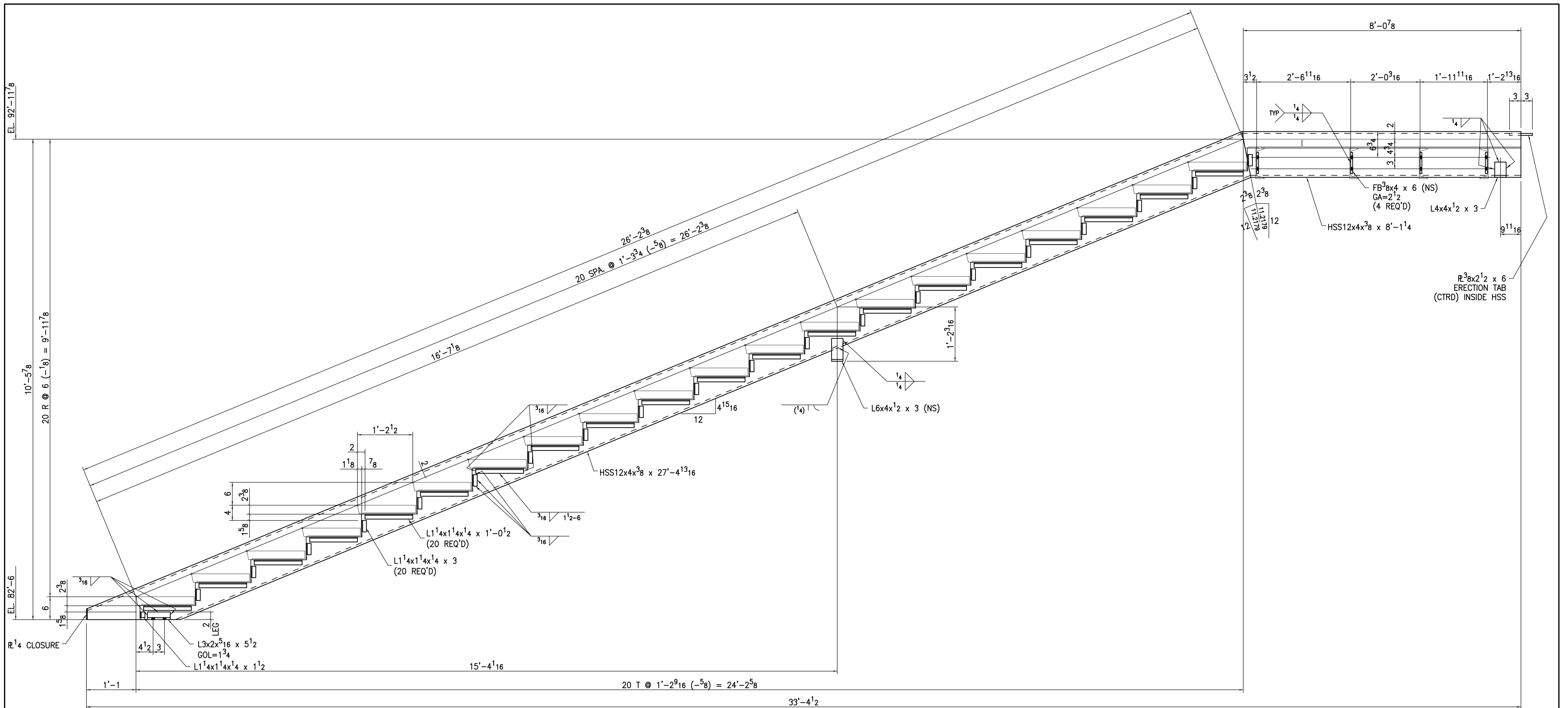
ATRIUM RAILS - MAIN LEVEL

FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36	2.14.12		RELEASE FOR COORDINATION & FABRICATION	
PRINT REQUISITION				
SURFACE PREP: SSPC-SP3	SEPA	PRINT	DESTINATION	DATE OUT
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)			1ST APPROVAL	SHOP
STD. HOLES: 13/16 DIA.			DISTRIBUTION	ERECTION
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS	DETAILS OF: ATRIUM RAIL POST LAYOUT			
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET	PROJECT:			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.	LOCATION:			
	ARCHITECT:			
	ENGINEER:			
CONTRACTOR:	PROJECT NO. 1014			
DRAWN BY: JST	DATE: 6.30.11	CHK'D BY:	DATE:	DWG. NO. ME5



ATRIUM RAILS - UPPER LEVEL

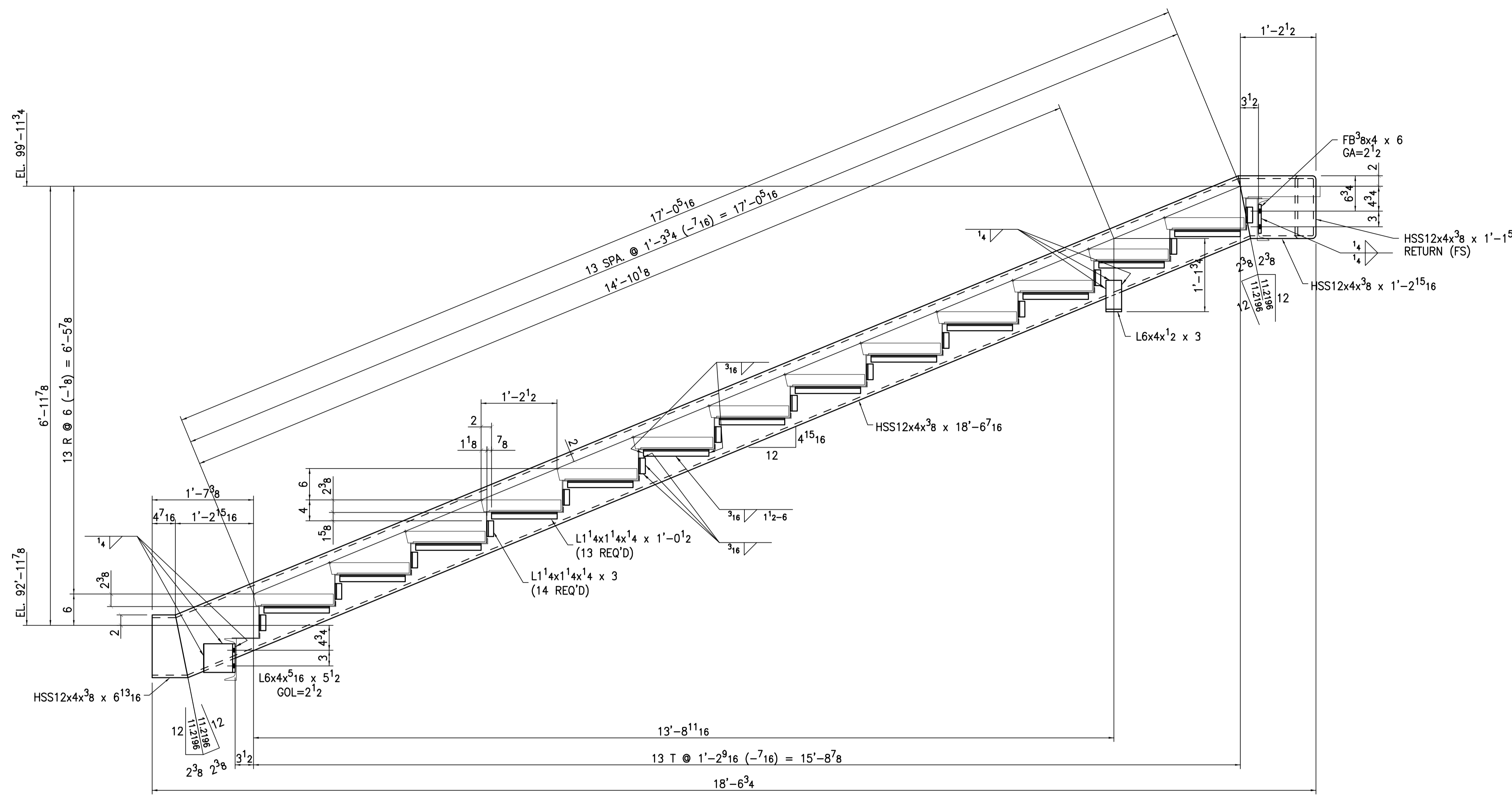
FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36					
		2.14.12		RELEASE FOR COORDINATION & FABRICATION	
PRINT REQUISITION					
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS APPR. ANN. REJ.
		1ST APPROVAL			
SURFACE PREP: SSPC-SP3					SHOP
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					ERECTION
STD. HOLES: 13/16 DIA.					
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS		DETAILS OF: ATRIUM RAIL LAYOUT			
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET		PROJECT:			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.		LOCATION:		REV. NO.	
		ARCHITECT:			
		ENGINEER:			
		CONTRACTOR:			
DRAWN BY	JST	DATE:	6.28.11	CHK'D BY	DATE:
				PROJECT NO.	DWG. NO.
				1014	ME6



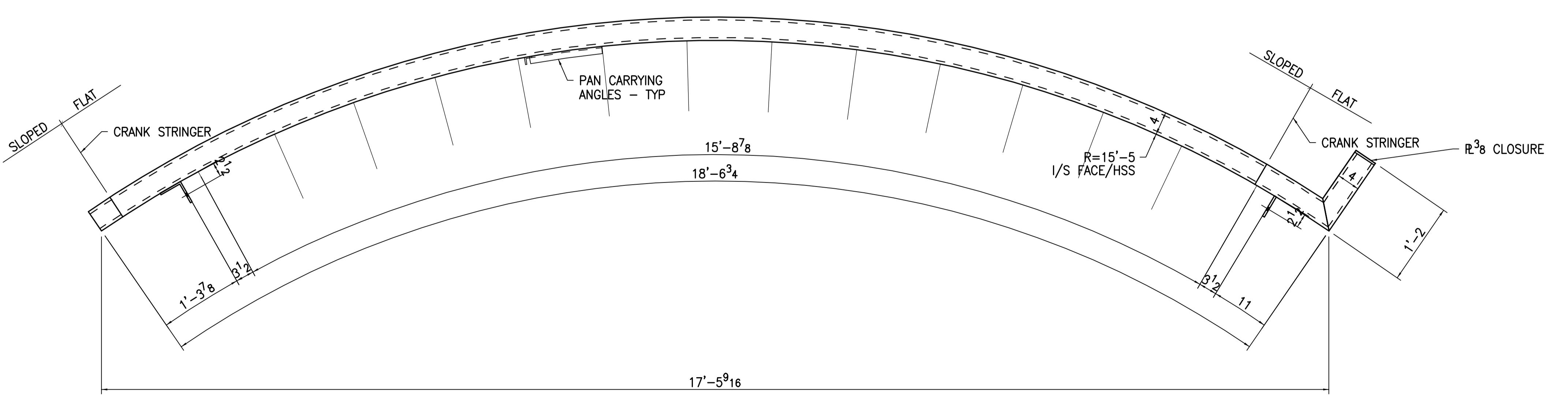
ONE - STAIR - M10A

ROLLED
SEE DRAWING M11 FOR PLAN VIEW

FABRICATION STANDARDS (U.N.)	REVNO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36	2.14.12		RELEASE FOR FABRICATION	
PRINT REQUISITION				
SURFACE PREP: SSPC-SP3	SEPA	PRINT	DESTINATION	DATE OUT
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)			1ST APPROVAL	DATE IN
STD. HOLES: 13/16 DIA.			DISTRIBUTION	DATE IN
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS				DATE IN
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET				DATE IN
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.				DATE IN
DETAILS OF: STRINGER @ ATRIUM				
PROJECT:				
LOCATION:				
ARCHITECT:				
ENGINEER:				
CONTRACTOR:				
DRAWN BY: JST DATE: 12.20.11 CHK'D BY: DATE:				
PROJECT NO. 1014				REVNO.
DWG. NO. M10				



ONE - STAIR - M12A
ROLLED



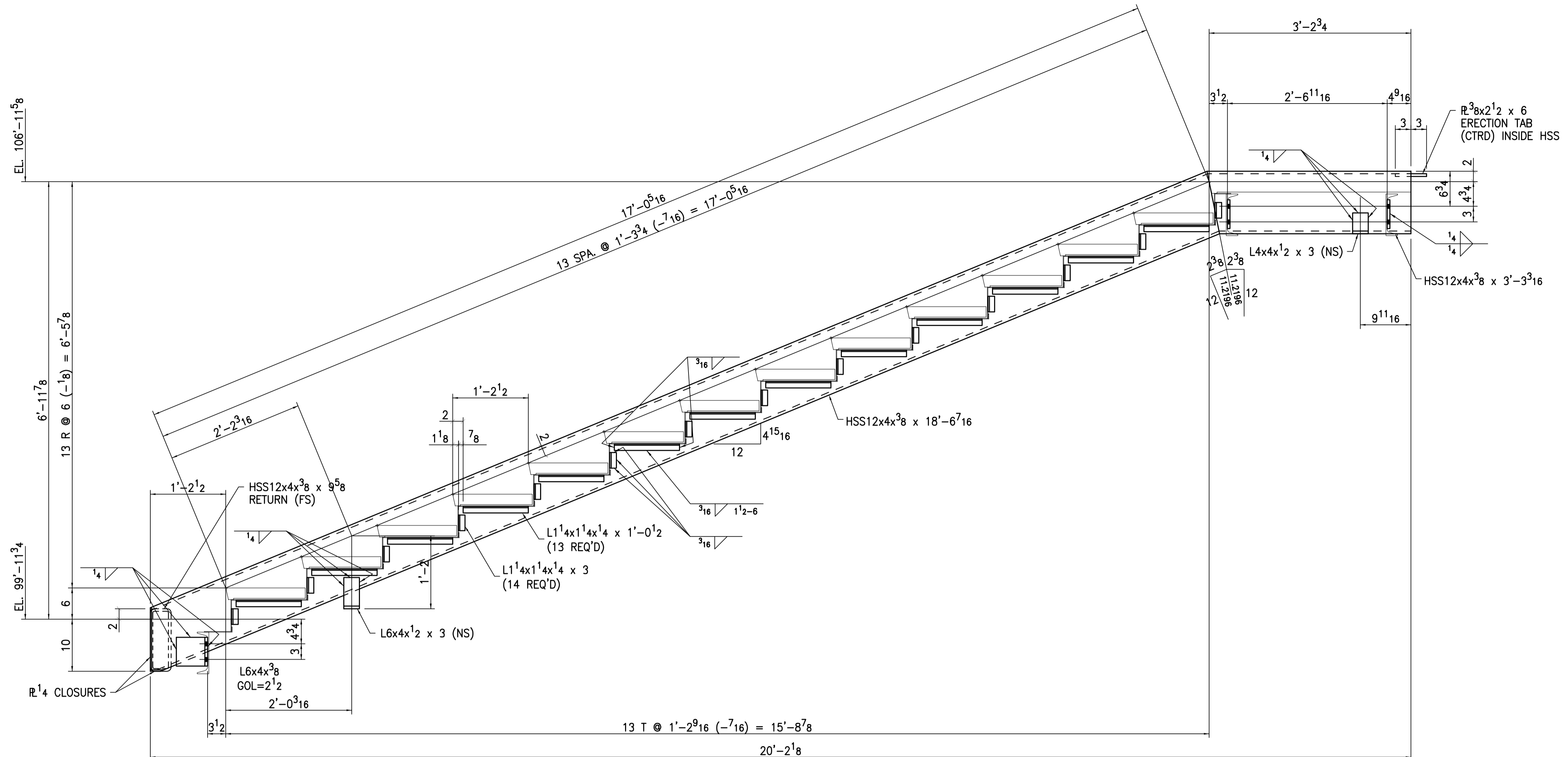
PLAN VIEW @ STRINGER M12A

FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36	2.14.12		RELEASE FOR FABRICATION	
SURFACE PREP: SSPC-SP3				
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)				
STD. HOLES: 13/16 DIA.				
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS				
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET				
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.				

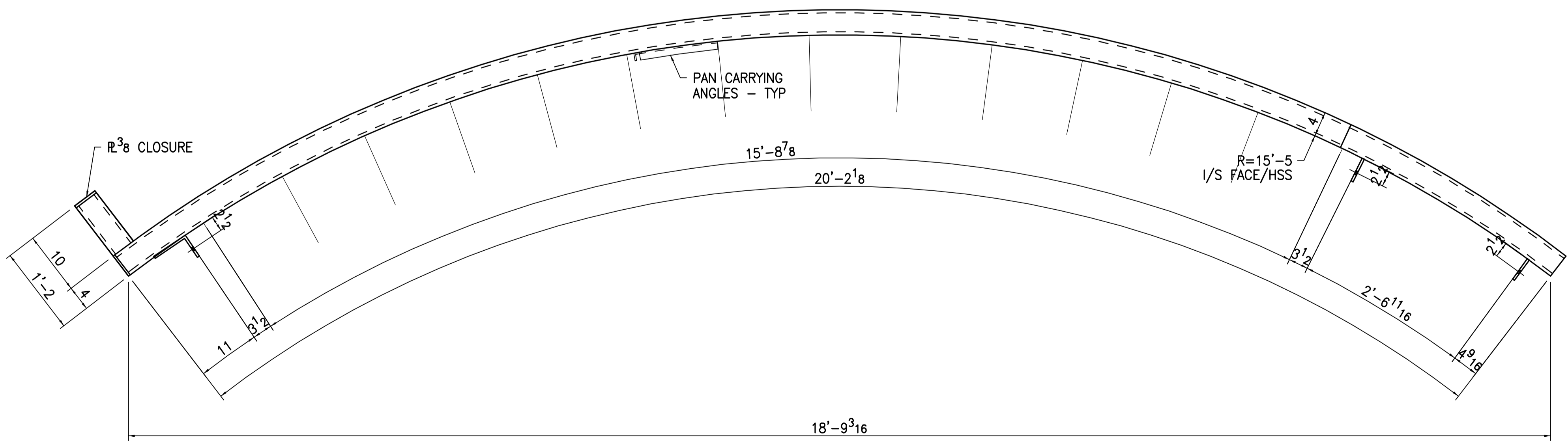
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	APPR	APP	REJ	PRINT	DESTINATION	DATE OUT
		1ST APPROVAL								SHOP	
										ERECTION	

DETAILS OF: STRINGER @ ATRIUM	PROJECT:	LOCATION:
		ARCHITECT:
		ENGINEER:
		CONTRACTOR:
		PROJECT NO. 1014
		DWG. NO. M12

DRAWN BY: JST	DATE: 12.20.11	CHK'D BY:	DATE:
---------------	----------------	-----------	-------

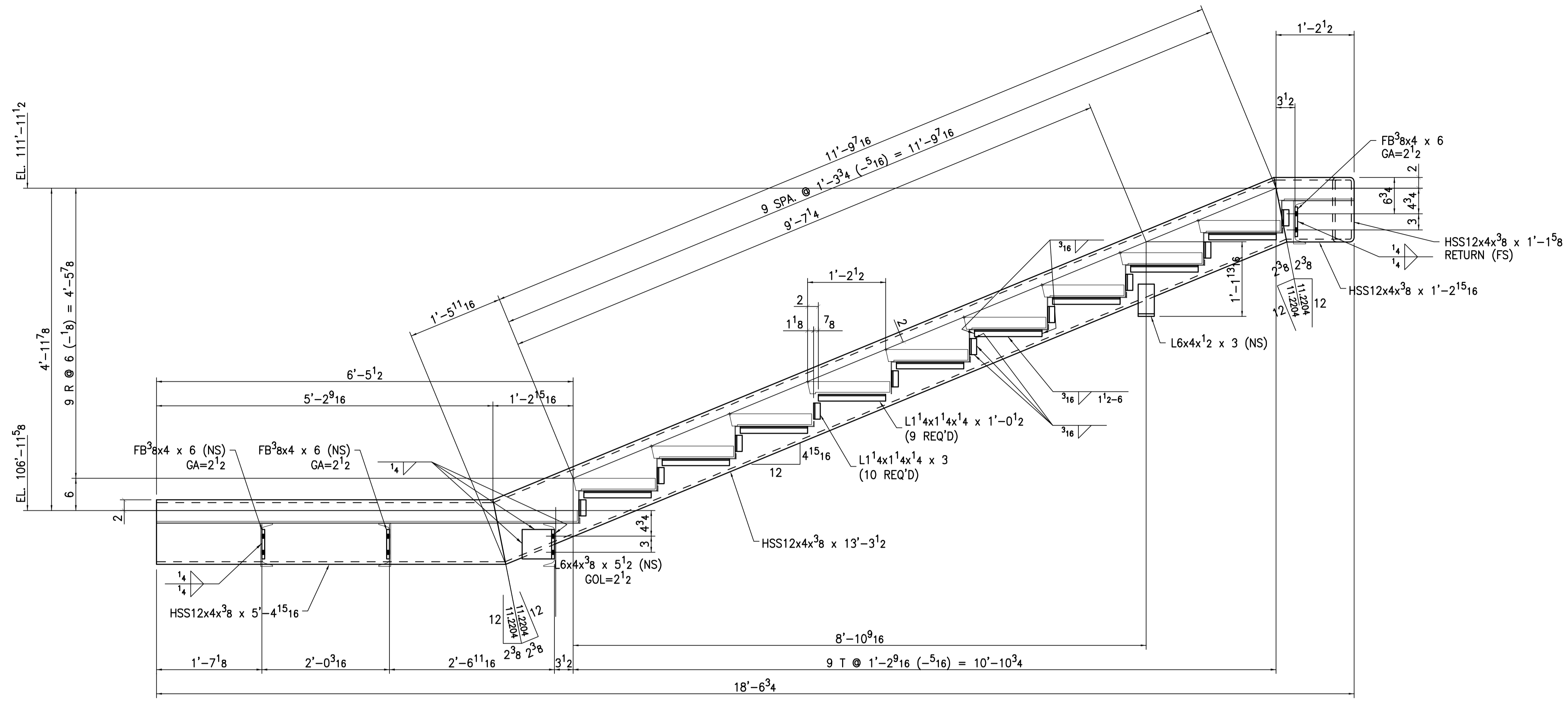


ONE - STAIR - M13A
ROLLED

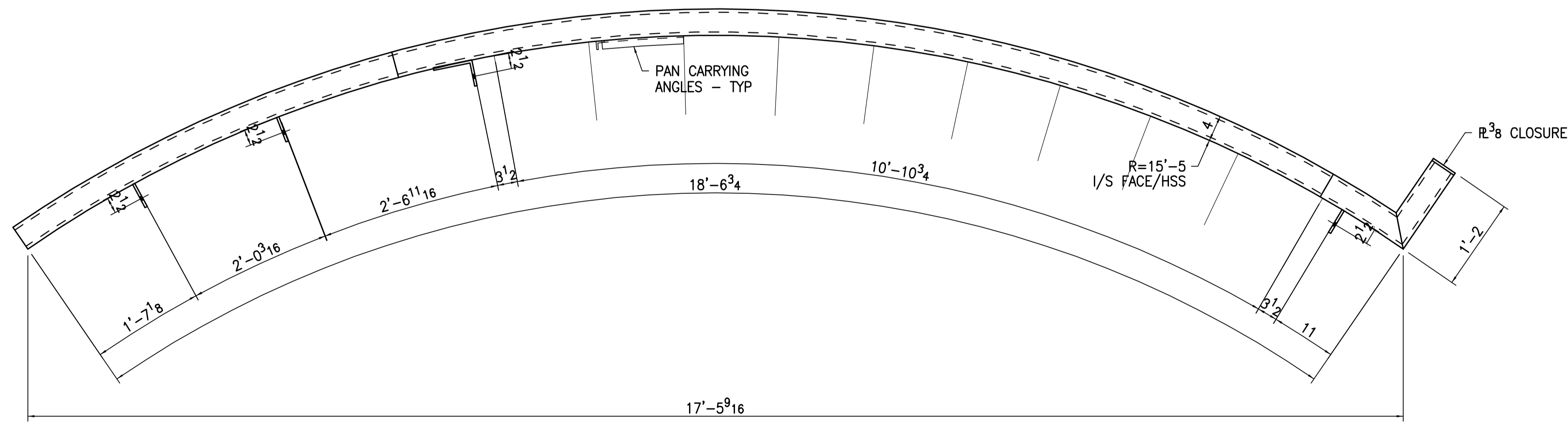


PLAN VIEW @ STRINGER M13A

FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36		2.14.12		RELEASE FOR FABRICATION	
PRINT REQUISITION					
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS
		1ST APPROVAL			APPR. ANN. REJ.
					PRINT
					DESTINATION
					DATE OUT
					SHOP
					ERECTION
SURFACE PREP: SSPC-SP3		DETAILS OF: STRINGER @ ATRIUM			
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)		PROJECT:			
STD. HOLES: 13/16 DIA.		LOCATION:			
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS		ARCHITECT:			
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET		ENGINEER:			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.		CONTRACTOR:			
DRAWN BY: JST		DATE: 12.20.11		CHK'D BY: _____	
				DATE: _____	
				PROJECT NO. 1014	
				DWG. NO. M13	

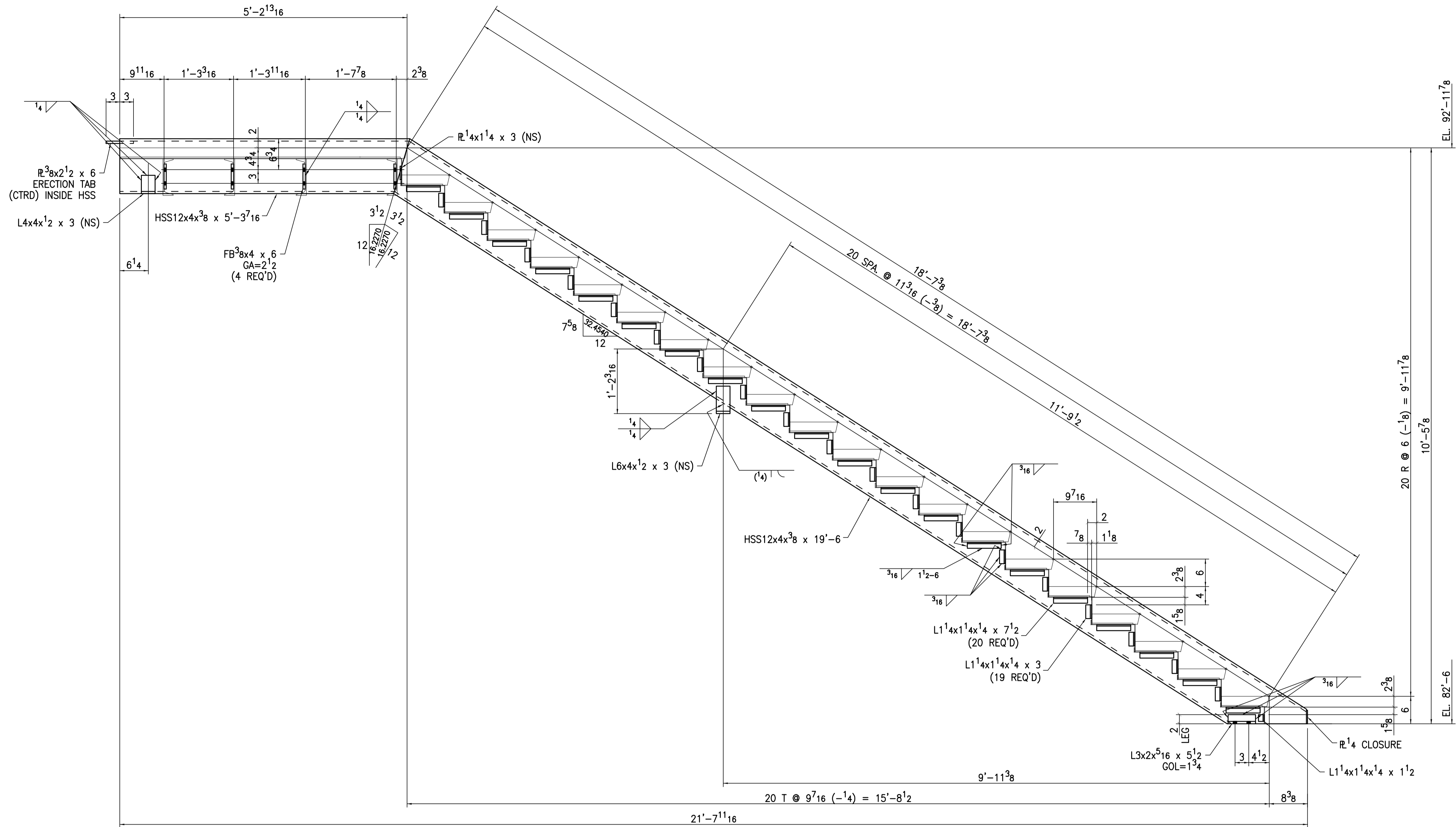


ONE - STAIR - M14A
ROLLED



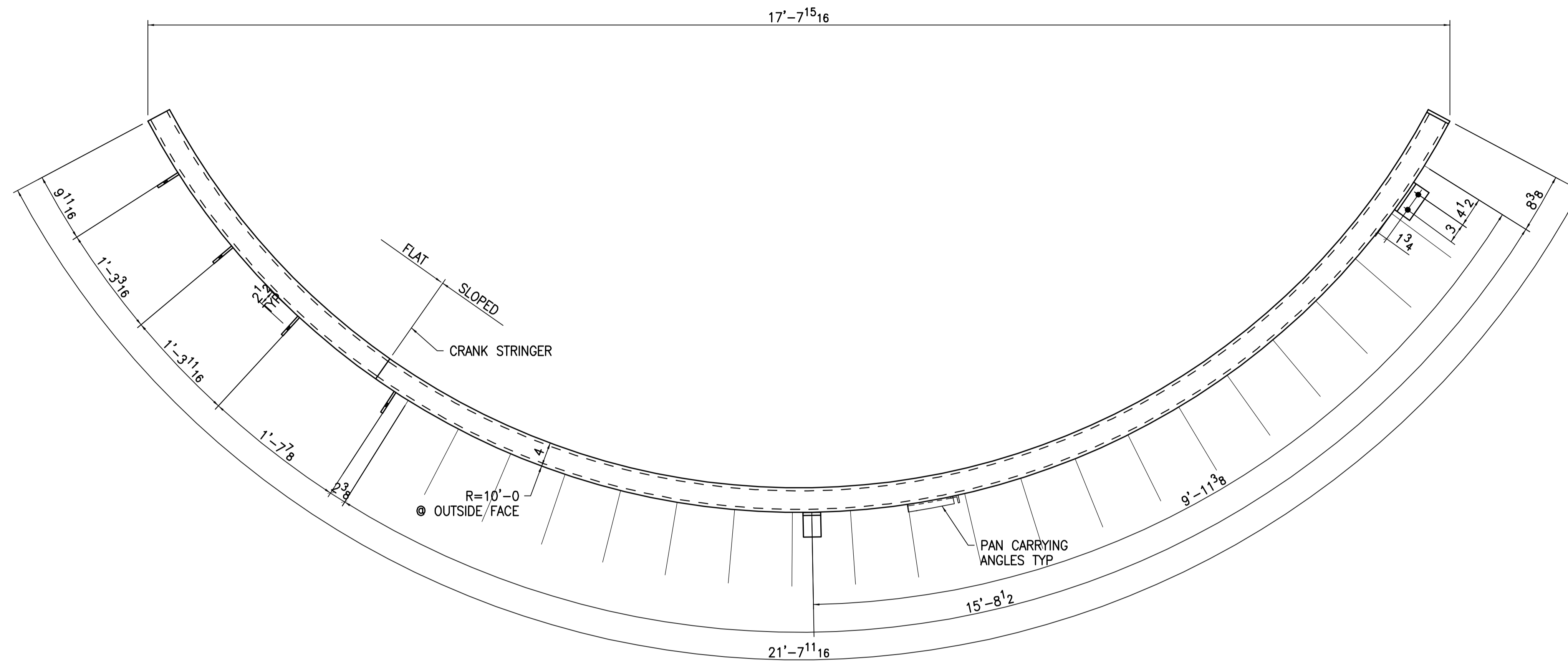
PLAN VIEW @ STRINGER M14A

FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36		2.14.12		RELEASE FOR FABRICATION	
PRINT REQUISITION					
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS APPR. ANN. REJ.
		1ST APPROVAL			
SURFACE PREP: SSPC-SP3					SHOP
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					ERECTION
STD. HOLES: 13/16 DIA.					
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS		DETAILS OF: STRINGER @ ATRIUM			
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET		PROJECT:			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.		LOCATION:		REV. NO.	
		ARCHITECT:			
		ENGINEER:			
		CONTRACTOR:			
DRAWN BY: JST		DATE: 12.20.11		CHK'D BY:	DATE:
				PROJECT NO. 1014	DWG. NO. M14



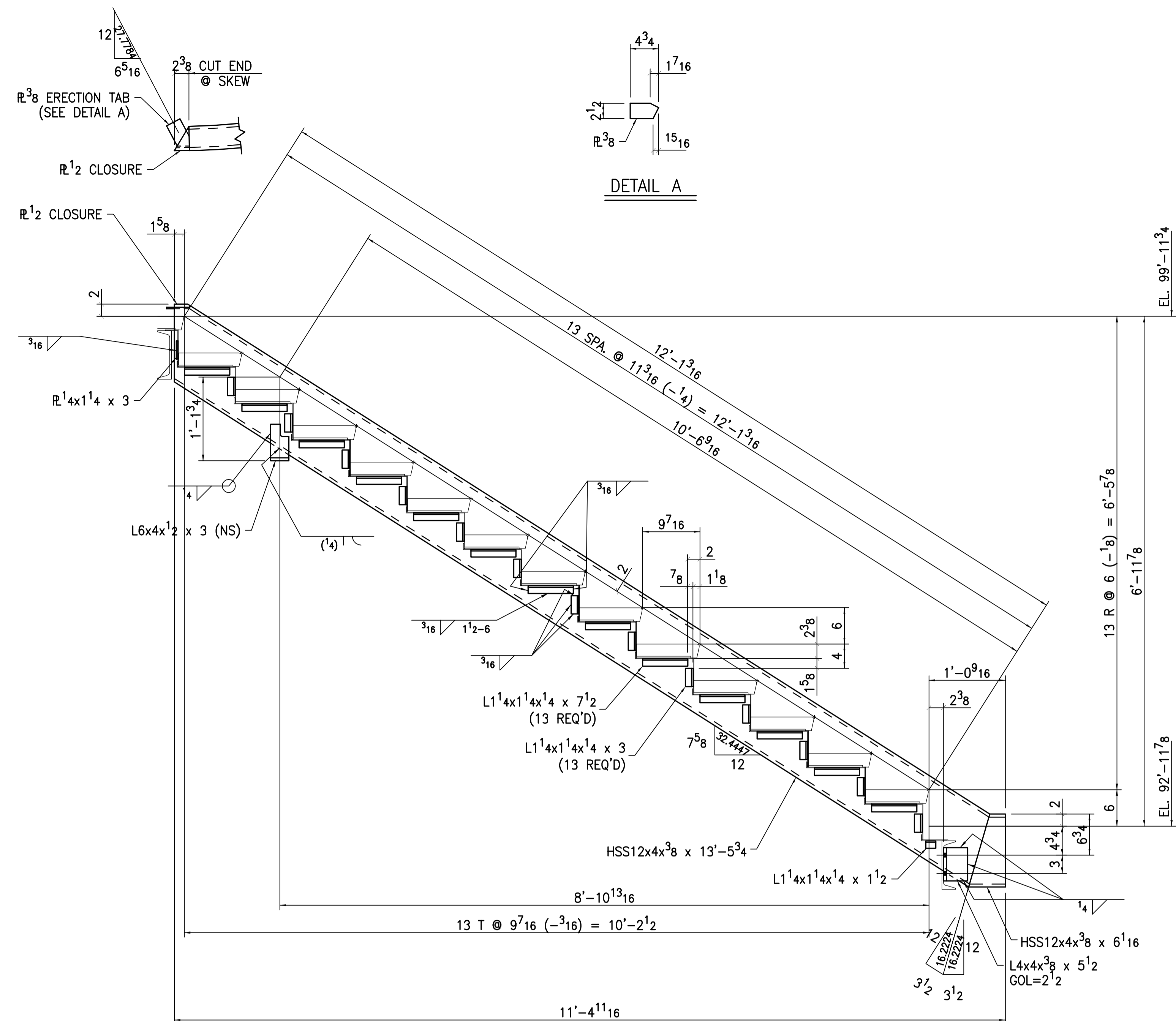
ONE - STAIR - M15A
 ROLLED
 SEE DRAWING M16 FOR PLAN VIEW

REVNO.	DATE	REVISION DESCRIPTION	BY
2.14.12		RELEASE FOR FABRICATION	
PRINT REQUISITION			
SEPA	PRINT	DESTINATION	DATE OUT
		1ST APPROVAL	
			SHOP
			ERECTION
STANDARD HOLES: 13/16 DIA.		DISTRIBUTION	
STANDARD SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS		DETAILS OF: STRINGER @ ATRUIM	
STANDARD SHOP&FIELD WELD: E70XXLH 1/4 FILLET		PROJECT:	
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.			
DRAWN BY: JST		DATE: 12.20.11	CHK'D BY:
PROJECT NO. 1014		DWG. NO. M15	

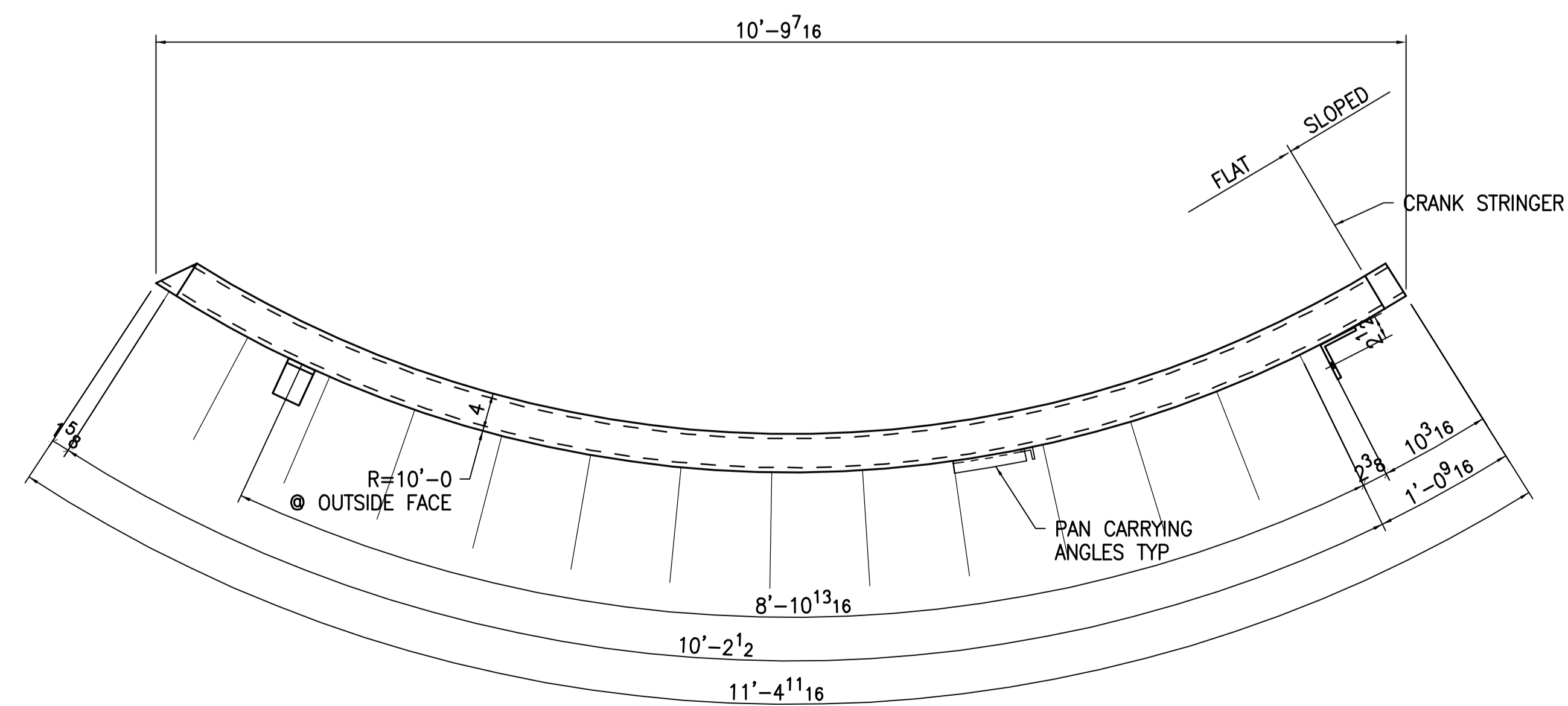


PLAN VIEW @ STRINGER M15A

FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36					
SURFACE PREP: SSPC-SP3					
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					
STD. HOLES: 13/16 DIA.					
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS					
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET					
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.		2.14.12 RELEASE FOR FABRICATION			
PRINT REQUISITION					
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS
		1ST APPROVAL			APPR. ANN. REJ.
					PRINT
					DESTINATION
					DATE OUT
					SHOP
					ERECTION
DETAILS OF: STRINGER @ ATRUIM					
PROJECT:					
LOCATION:					
ARCHITECT:					
ENGINEER:					
CONTRACTOR:					
DRAWN BY: JST		DATE: 12.20.11	CHK'D BY:	DATE:	
		PROJECT NO. 1014		DWG. NO. M16	

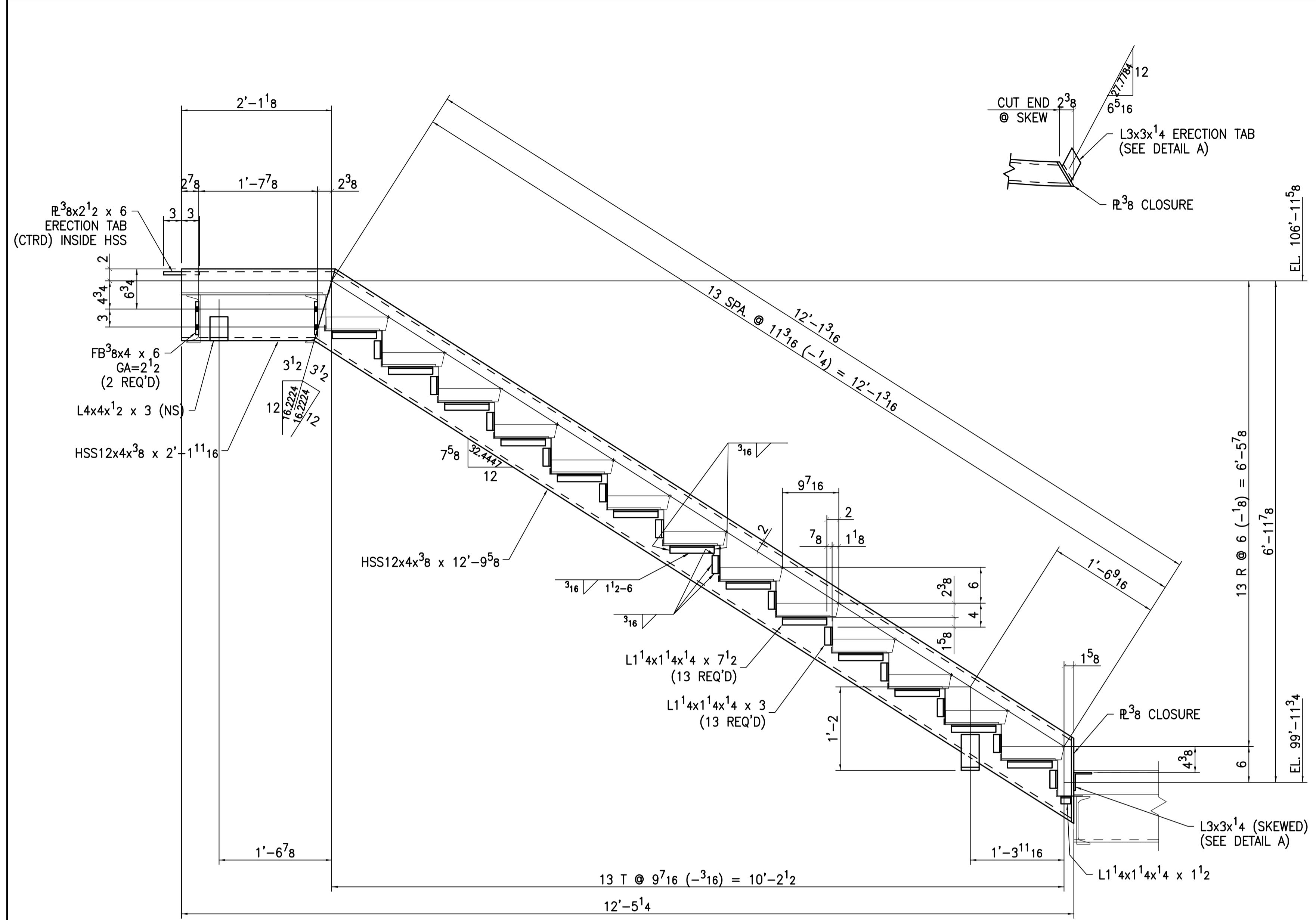


ONE - STAIR - M17A
ROLLED

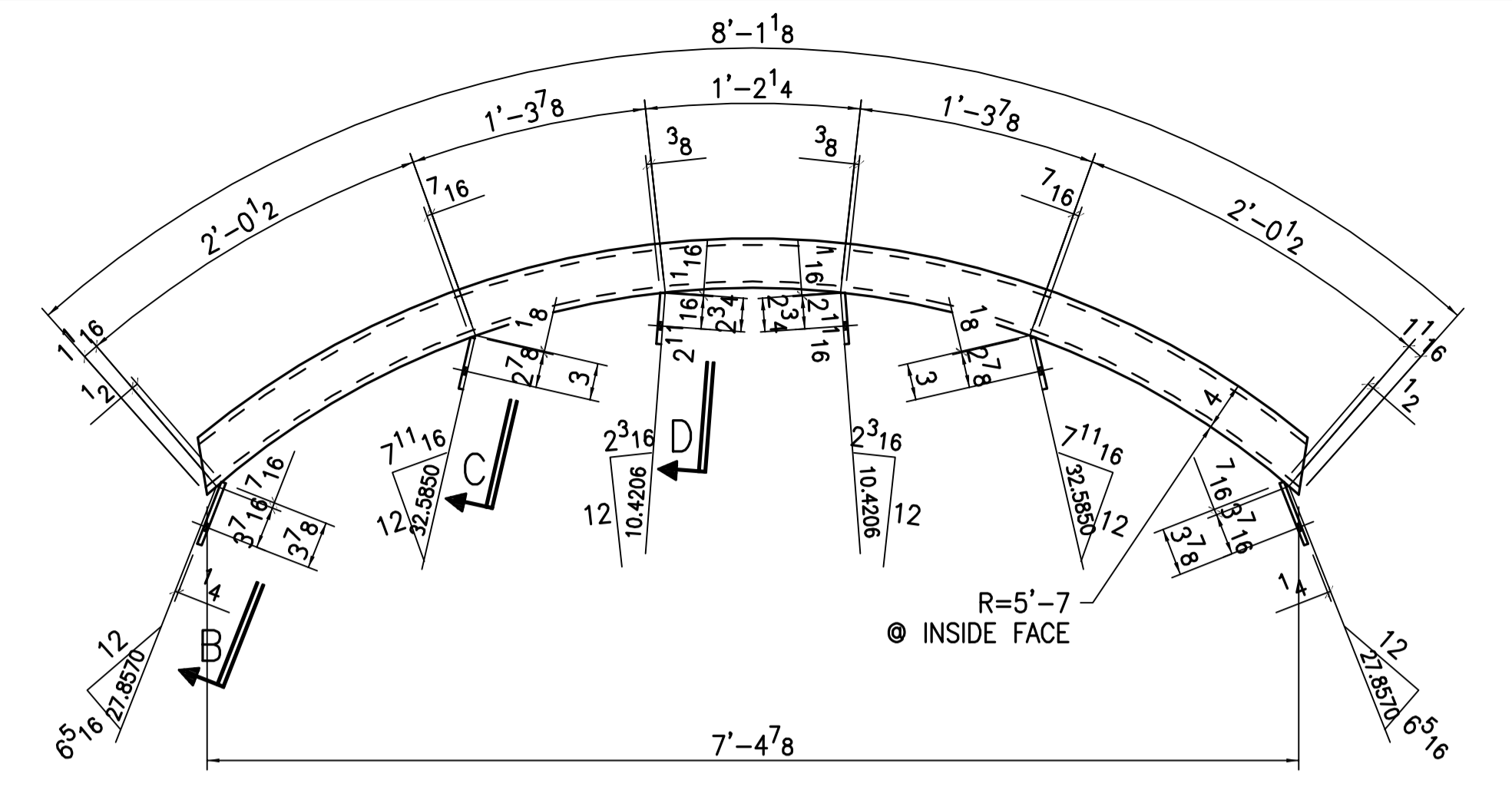
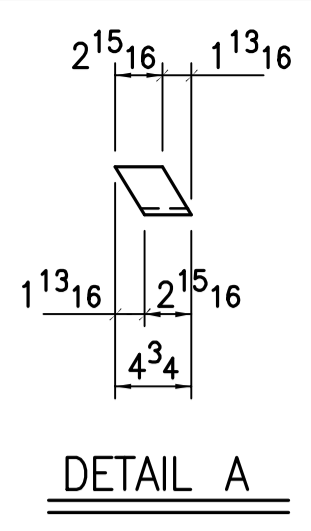
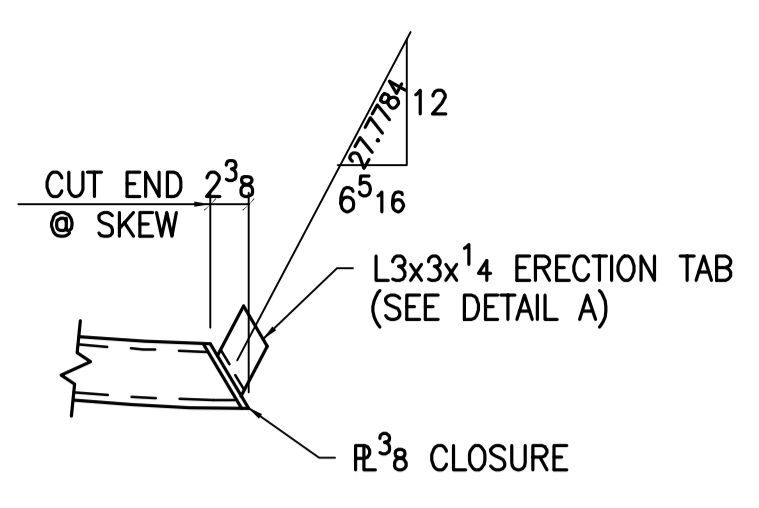


PLAN VIEW @ STRINGER M17A

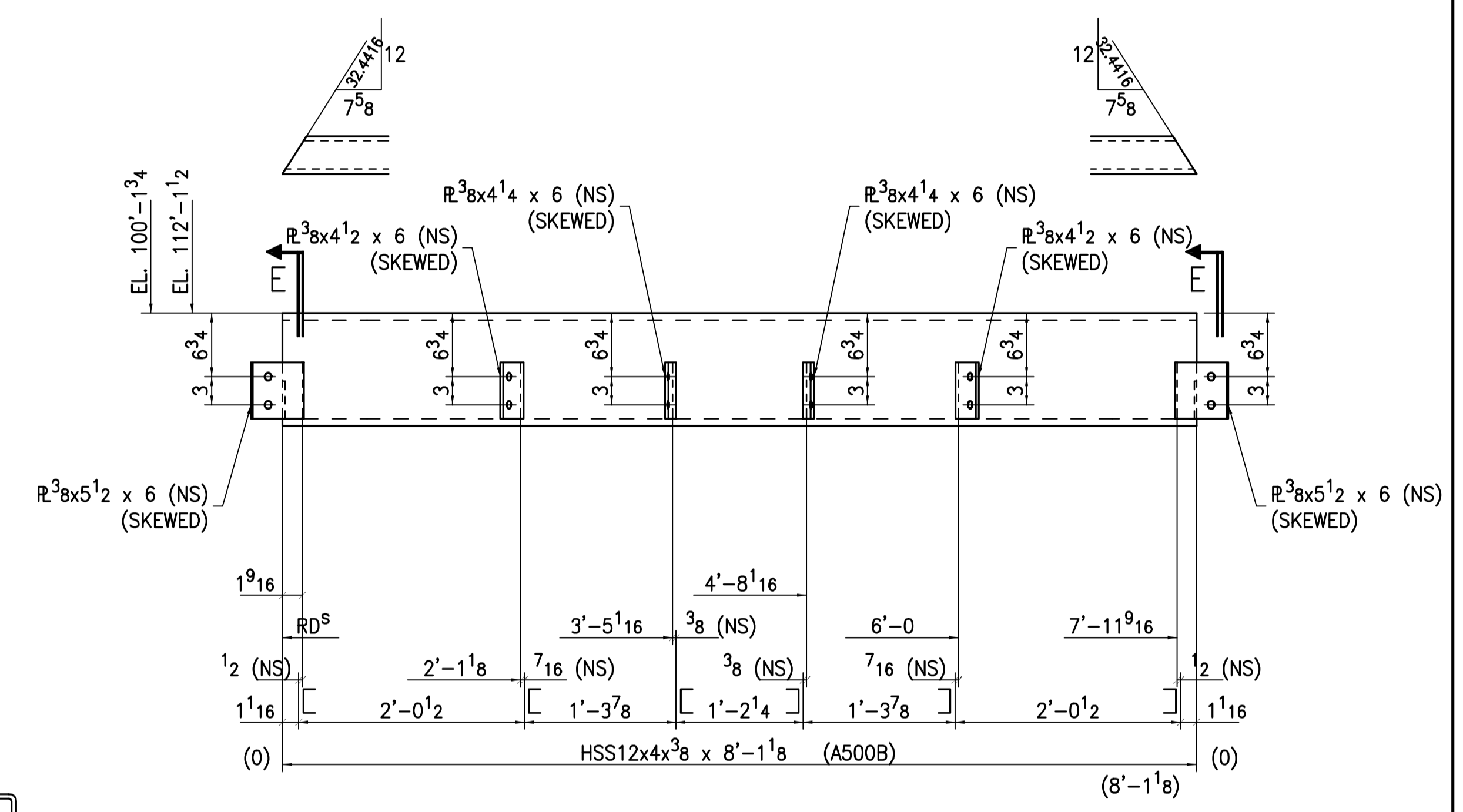
FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36		2.14.12		RELEASE FOR FABRICATION	
PRINT REQUISITION					
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS
		1ST APPROVAL			APPR. AN REJ PRINT
SURFACE PREP: SSPC-SP3					SHOP
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					ERECTION
STD. HOLES: 13/16 DIA.					
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS		DETAILS OF: STRINGER @ ATRUIM			
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET		PROJECT:			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.		LOCATION:		REV. NO.	
		ARCHITECT:			
		ENGINEER:			
		CONTRACTOR:			
DRAWN BY	JST	DATE	12.20.11	CHK'D BY	DATE
				PROJECT NO.	DWG. NO.
				1014	M17



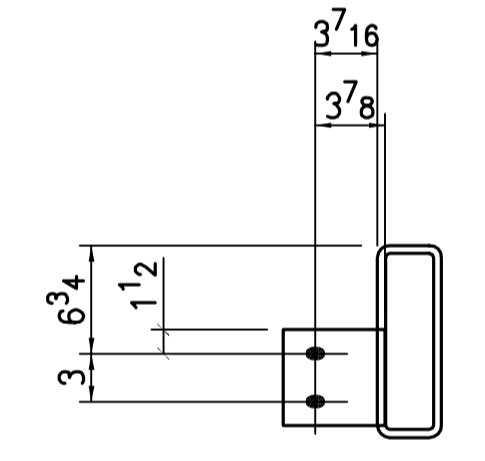
ONE - STAIR - M18A
ROLLED



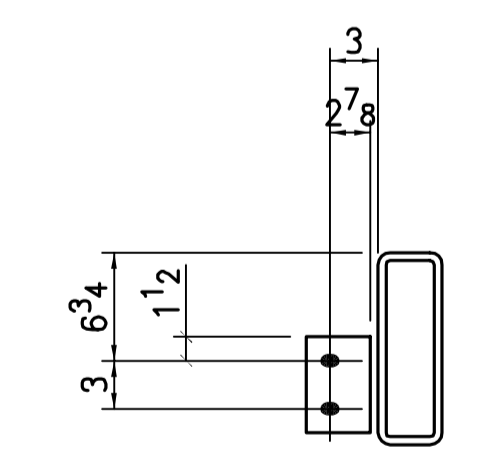
PLAN VIEW @ TUBE M18B



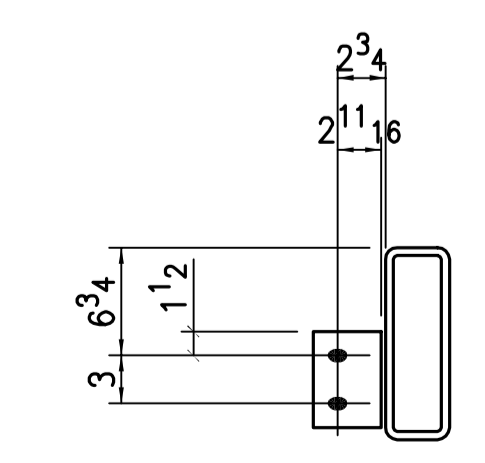
2 - TUBES - M18B



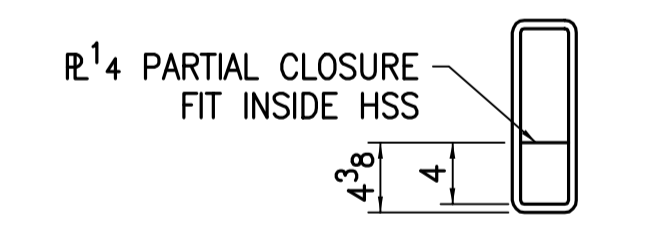
SECT. B



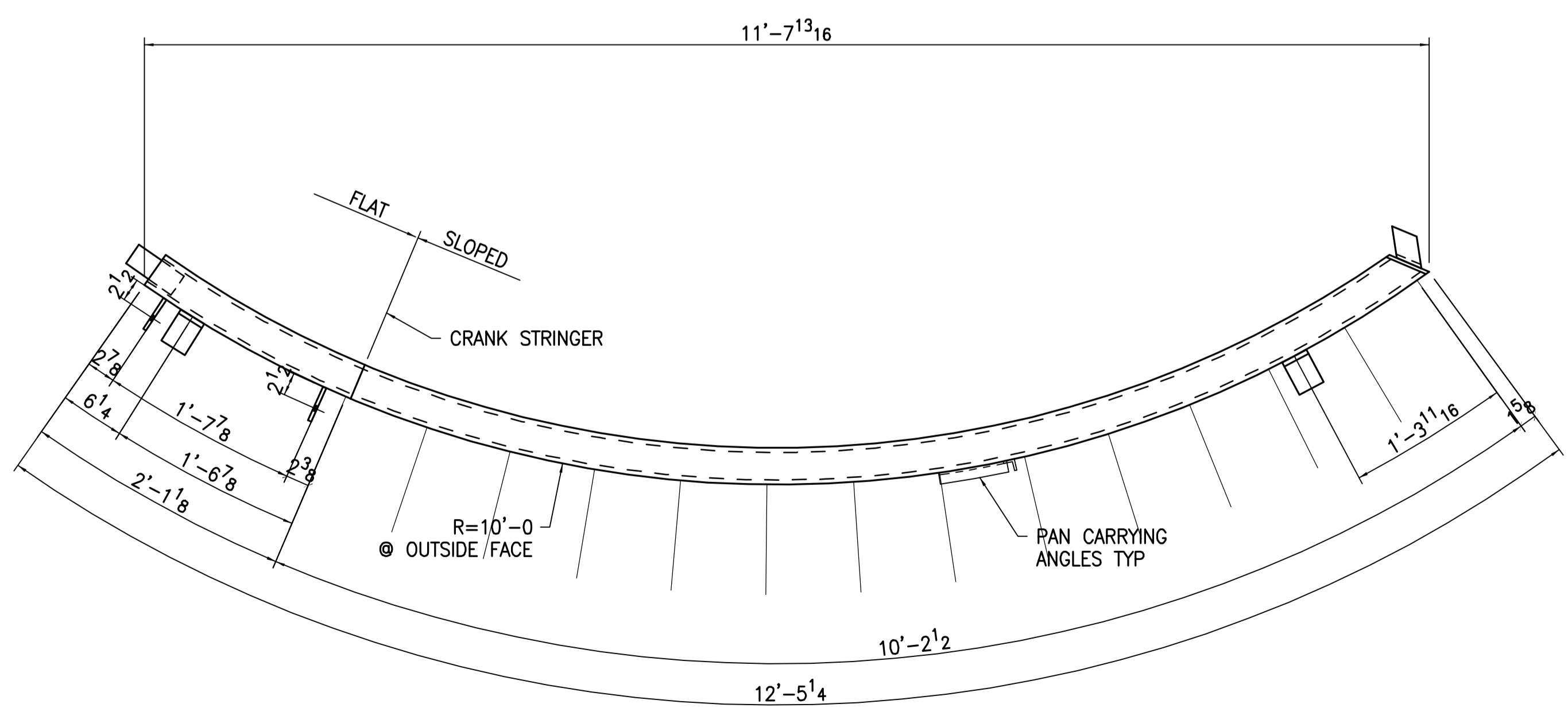
SECT. C



SECT. D

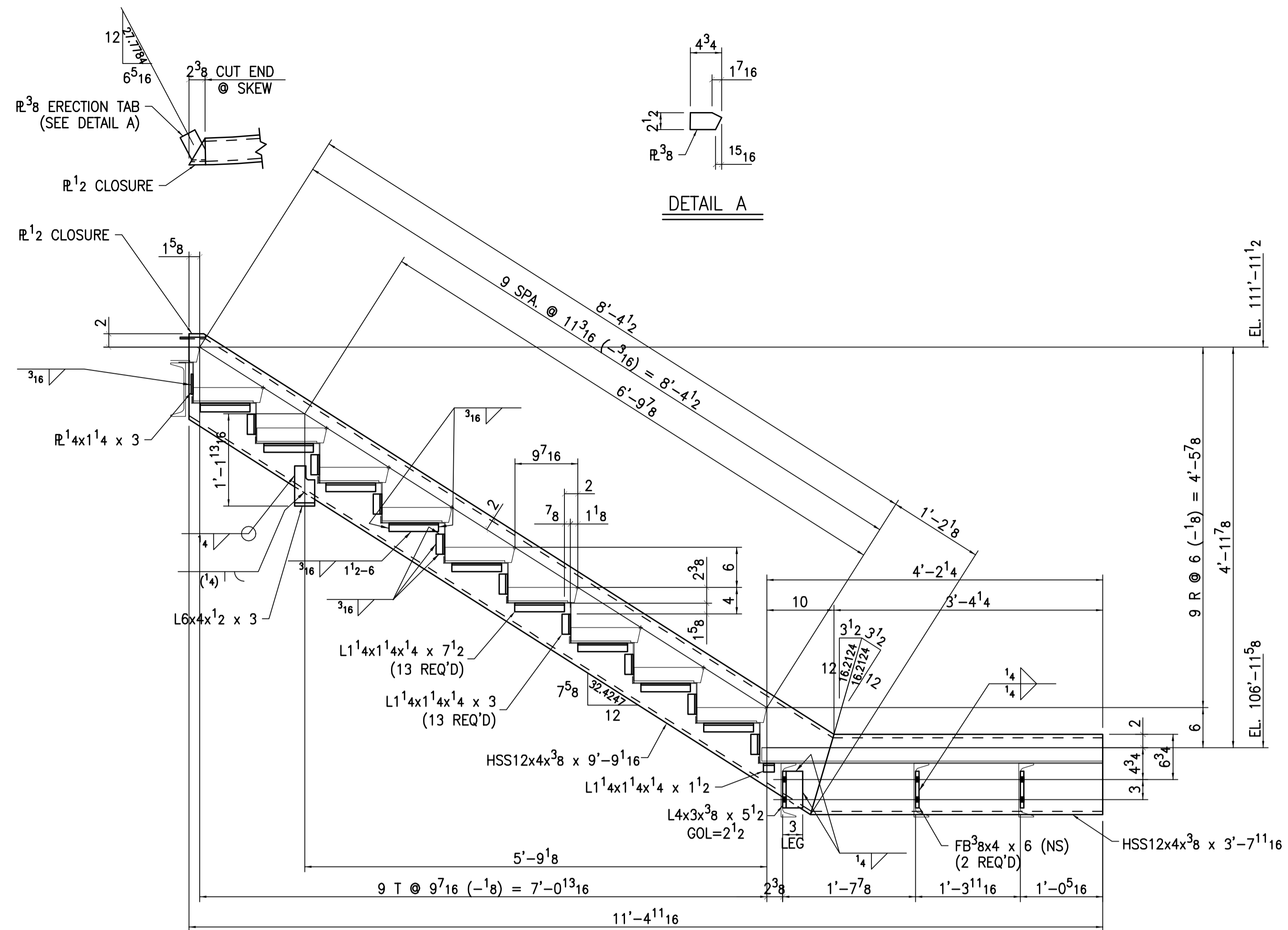


SECT. B

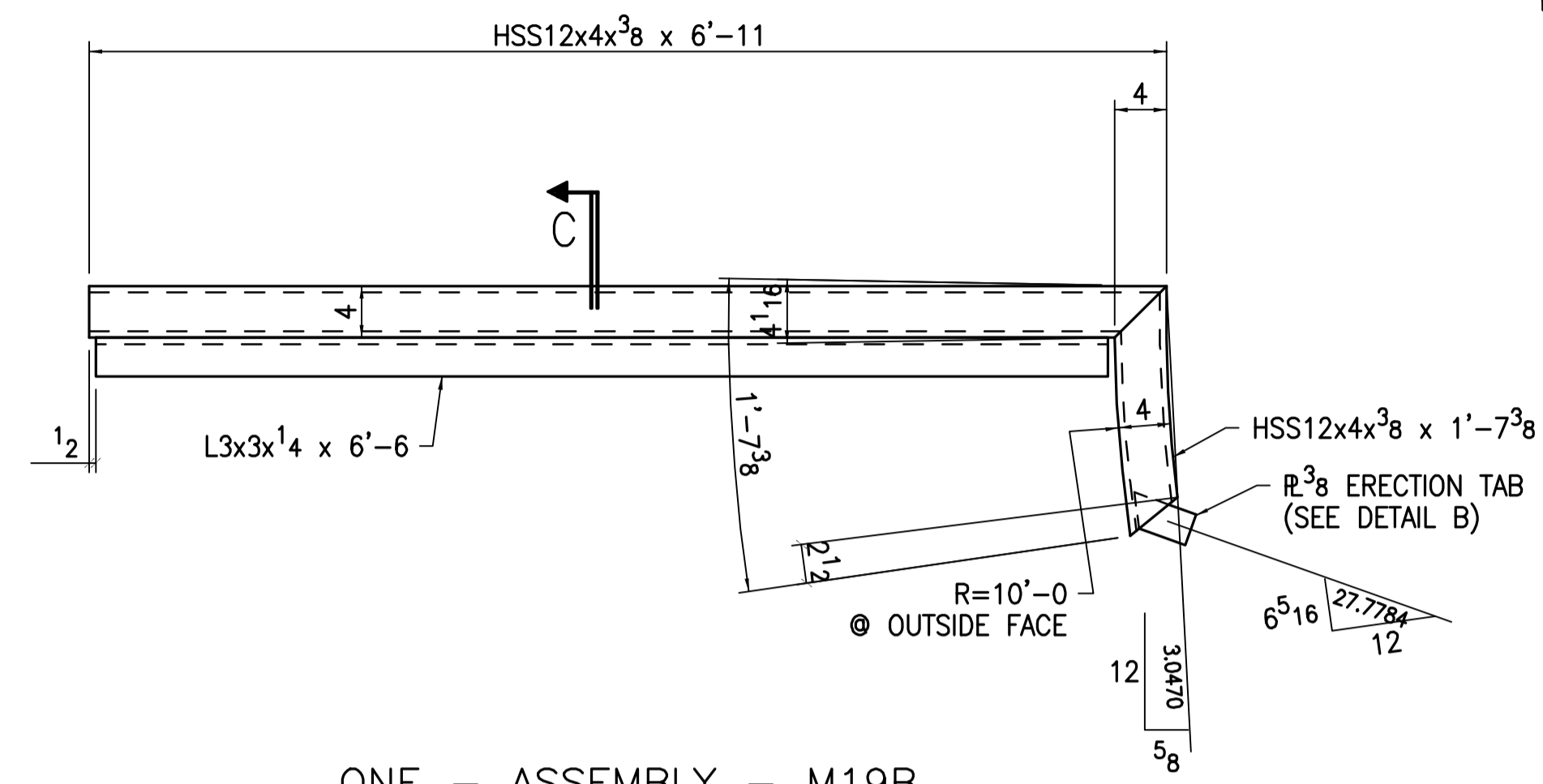
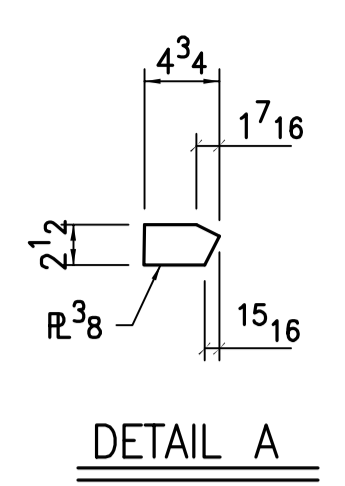


PLAN VIEW @ STRINGER M18A

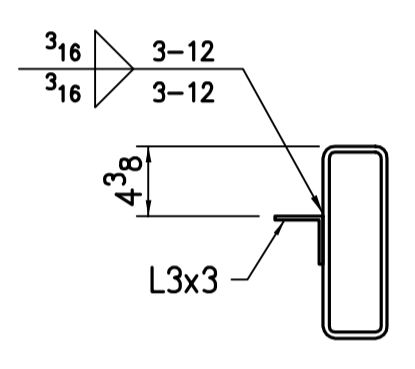
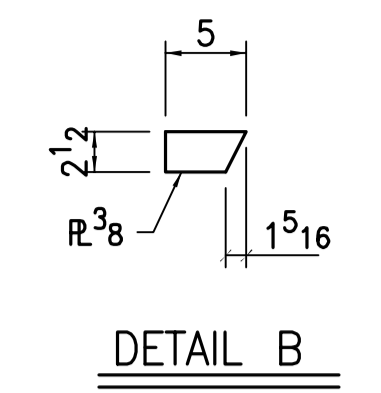
FABRICATION STANDARDS (U.N.)		REVNO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36					
SURFACE PREP: SSPC-SP3					
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					
STD. HOLES: 13/16 DIA. STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET					
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.					
LOCATION: ARCHITECT: ENGINEER: CONTRACTOR:					
PROJECT:					
DRAWN BY: JST DATE: 2.9.12 CHK'D BY:					
PROJECT NO. 1014 DWG. NO. M18					



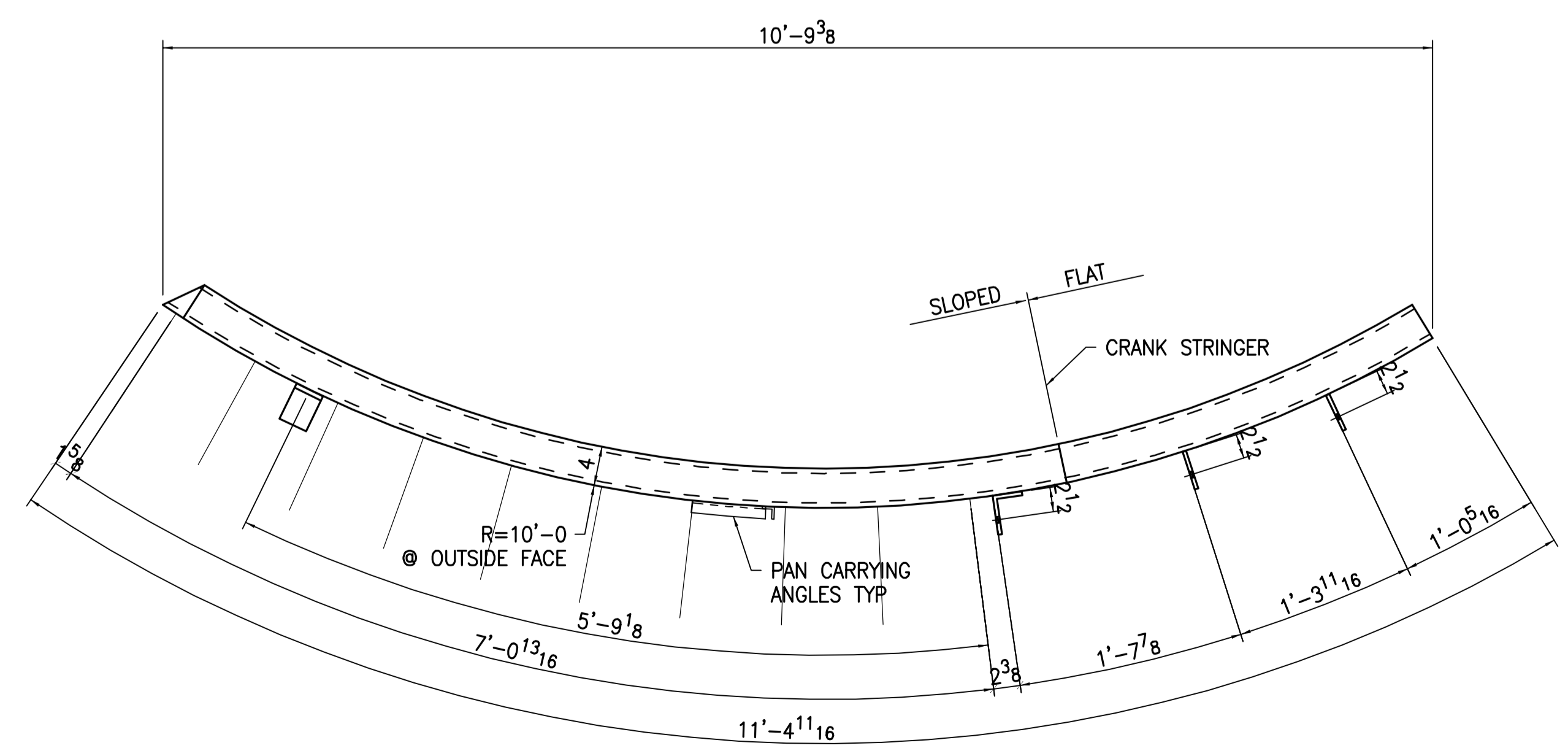
ONE - STAIR - M19A
ROLLED



ONE - ASSEMBLY - M19B

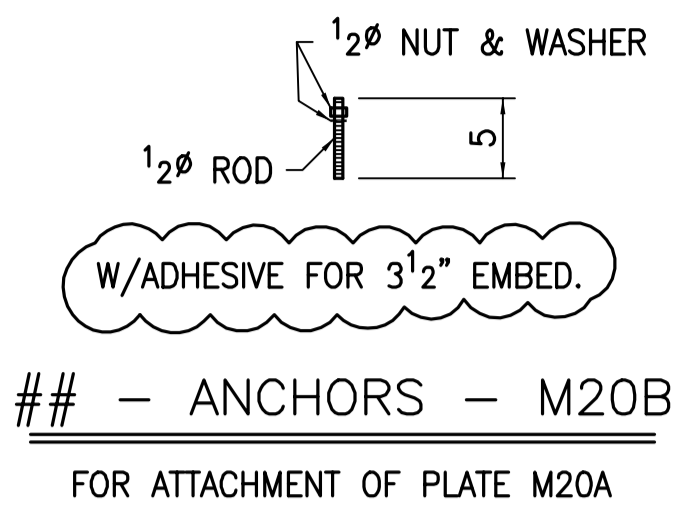
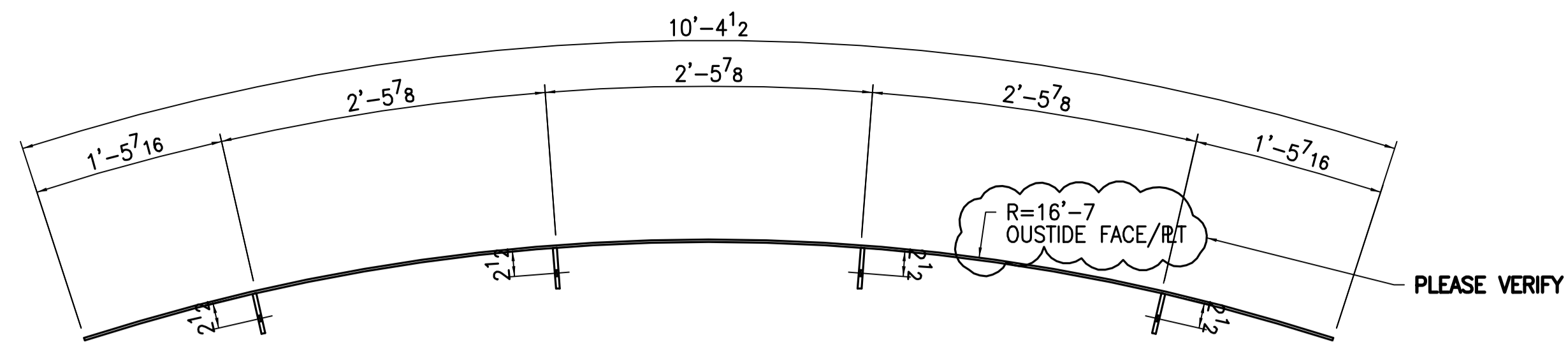


SECT. C

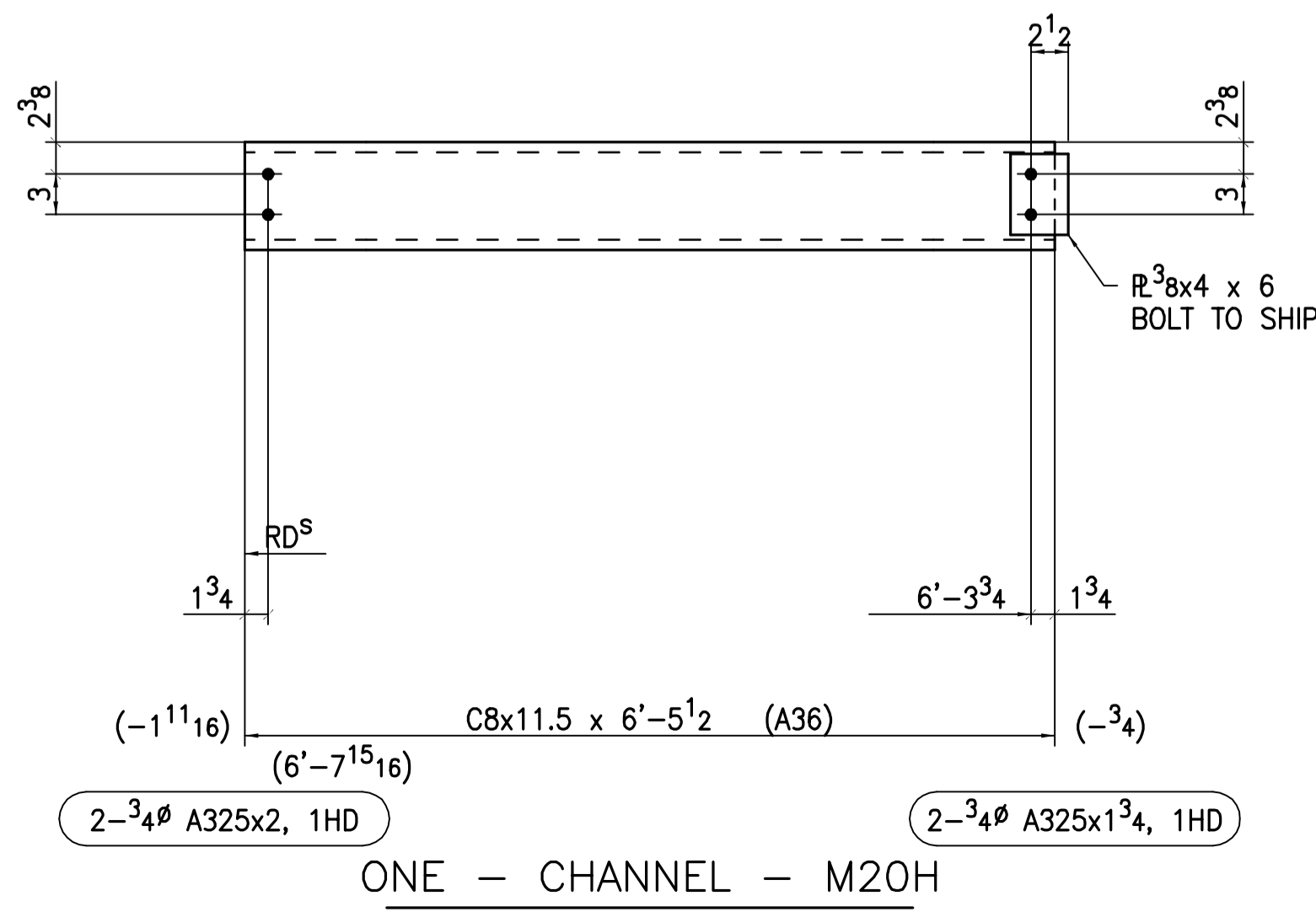
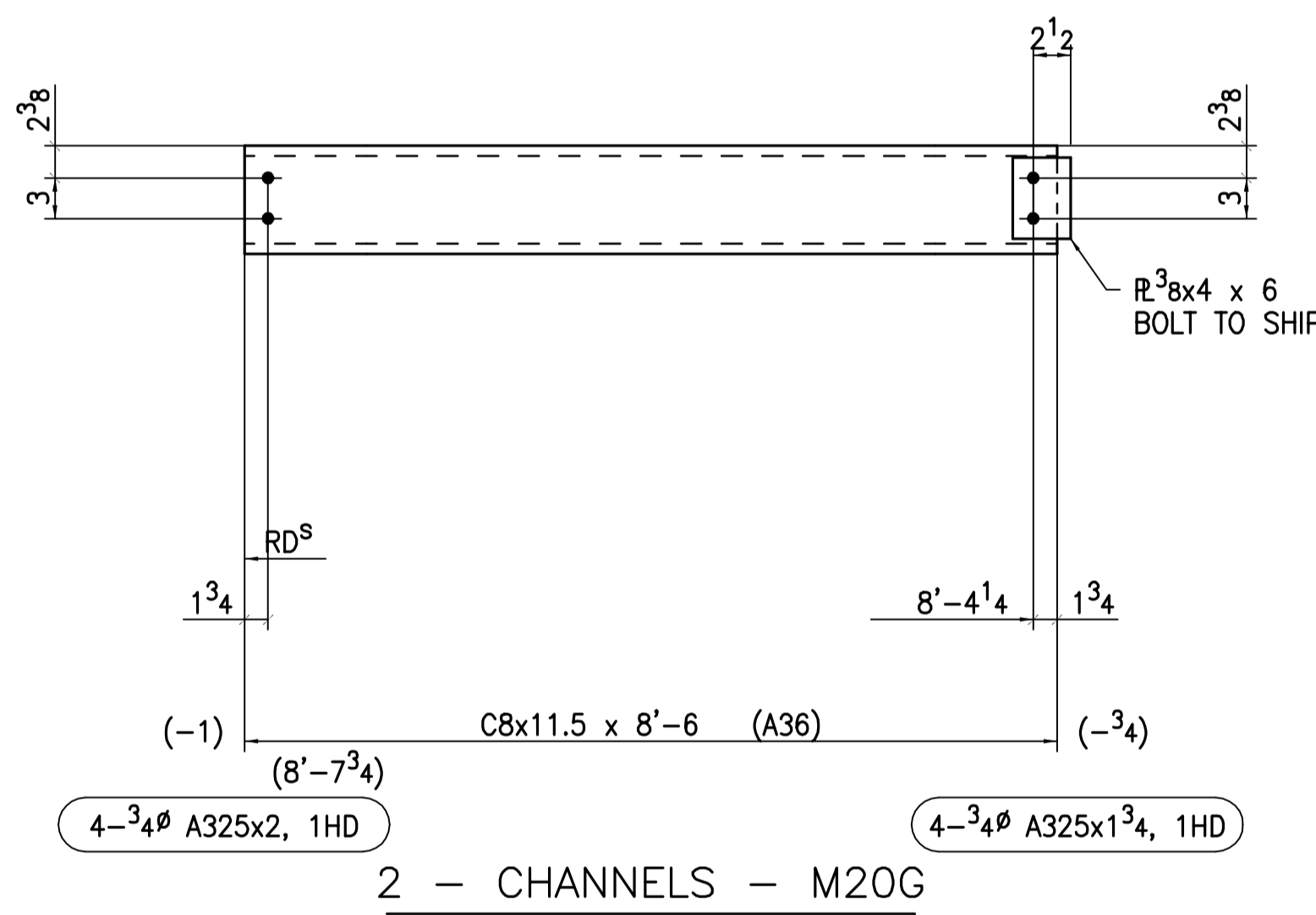
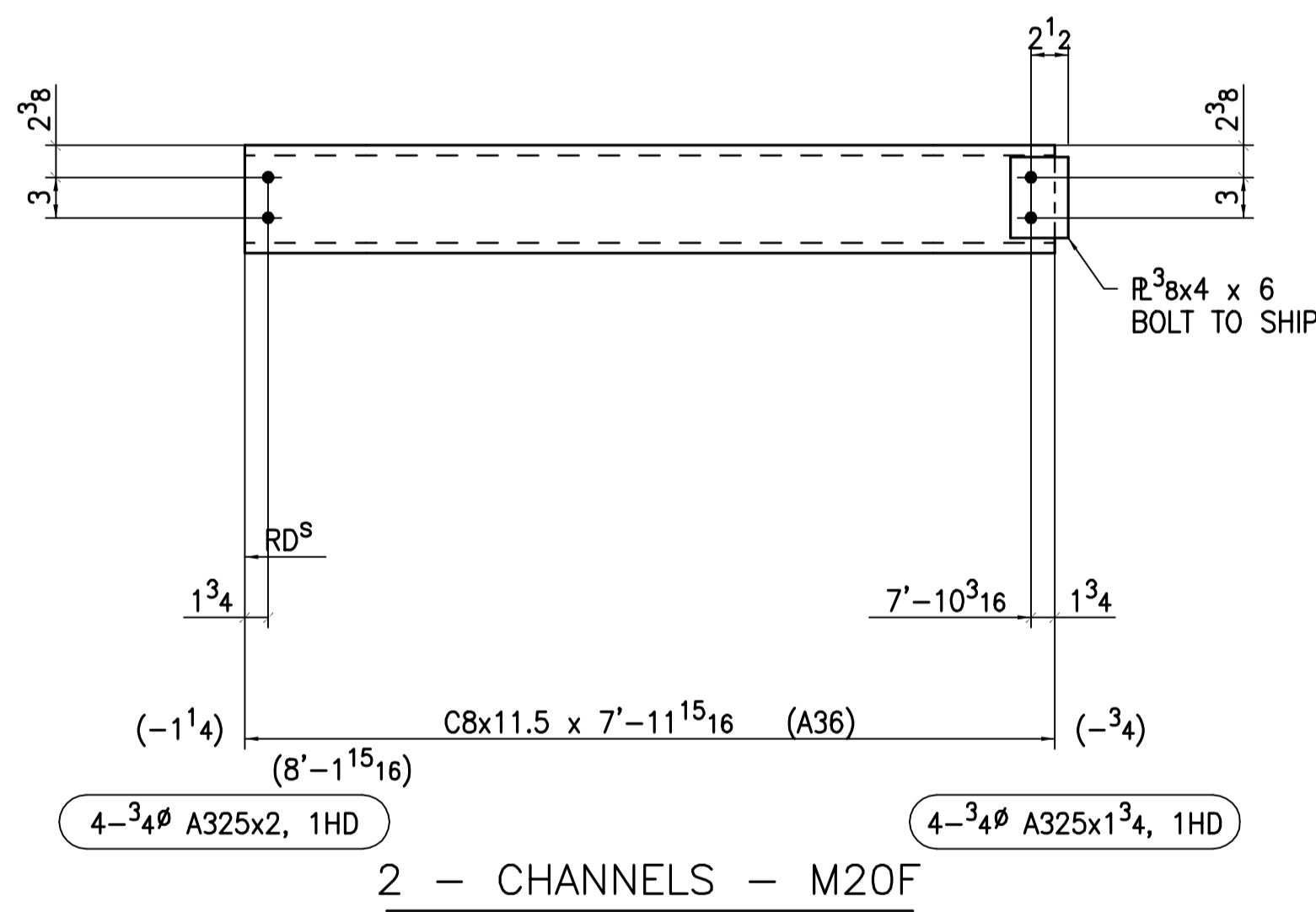
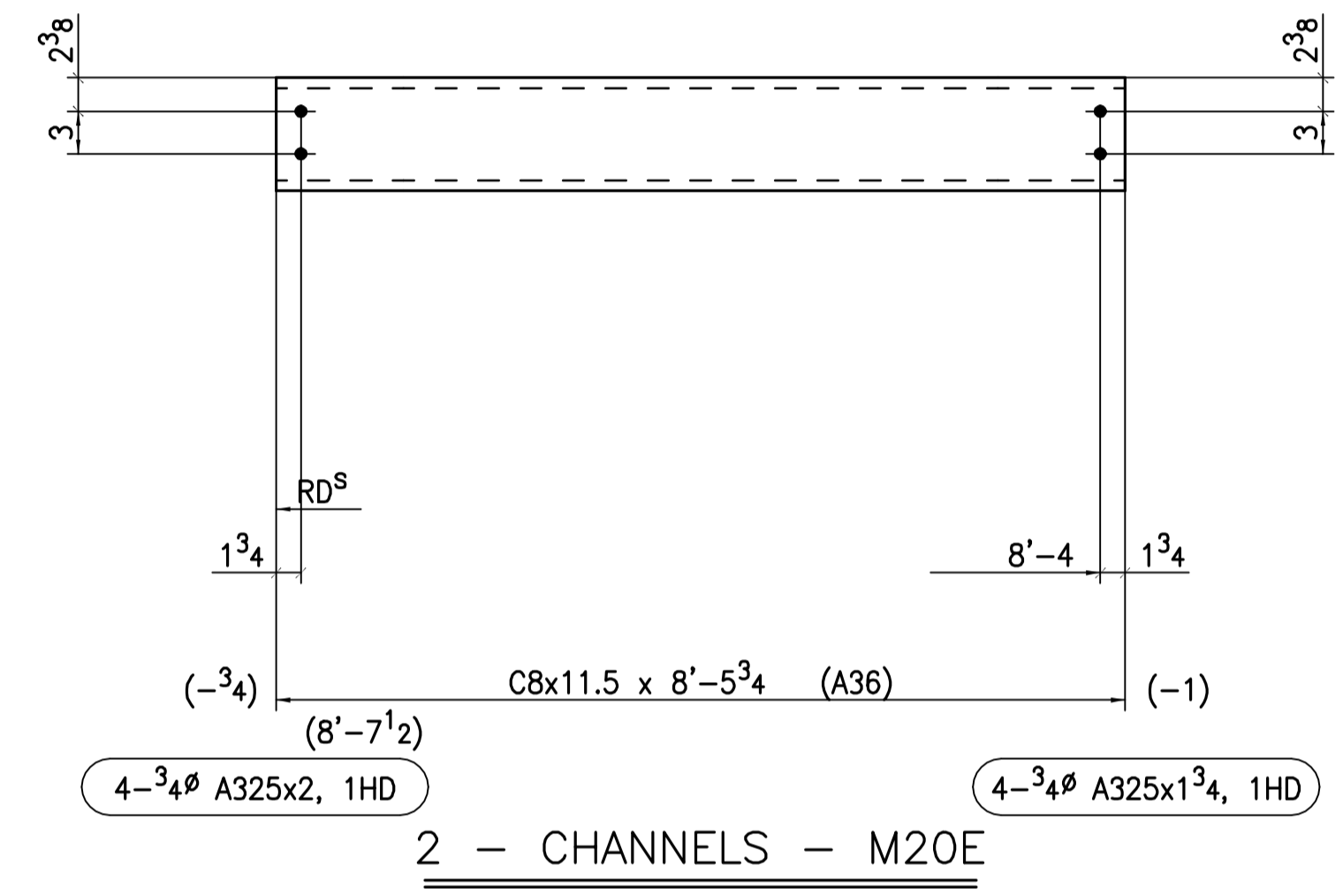
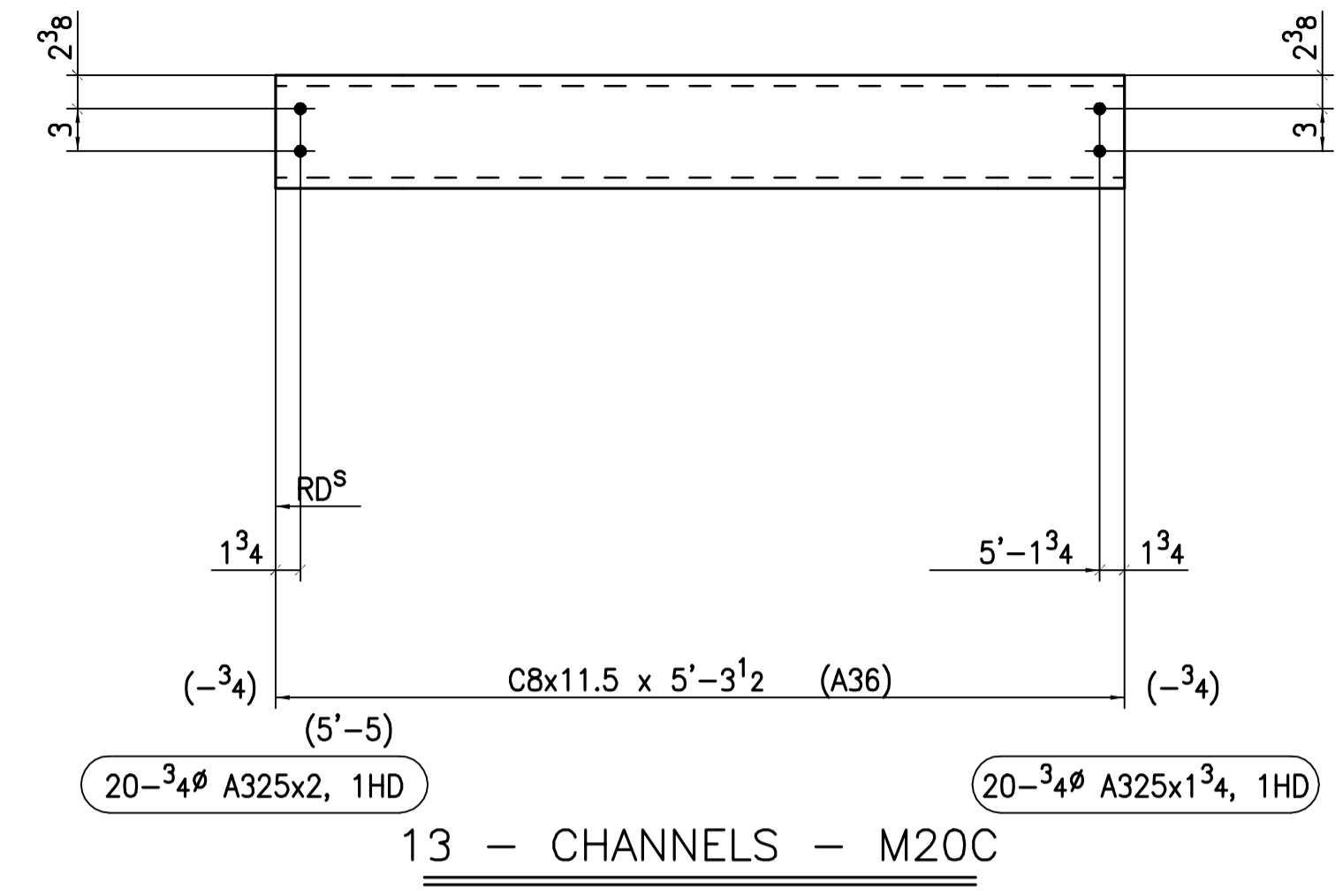
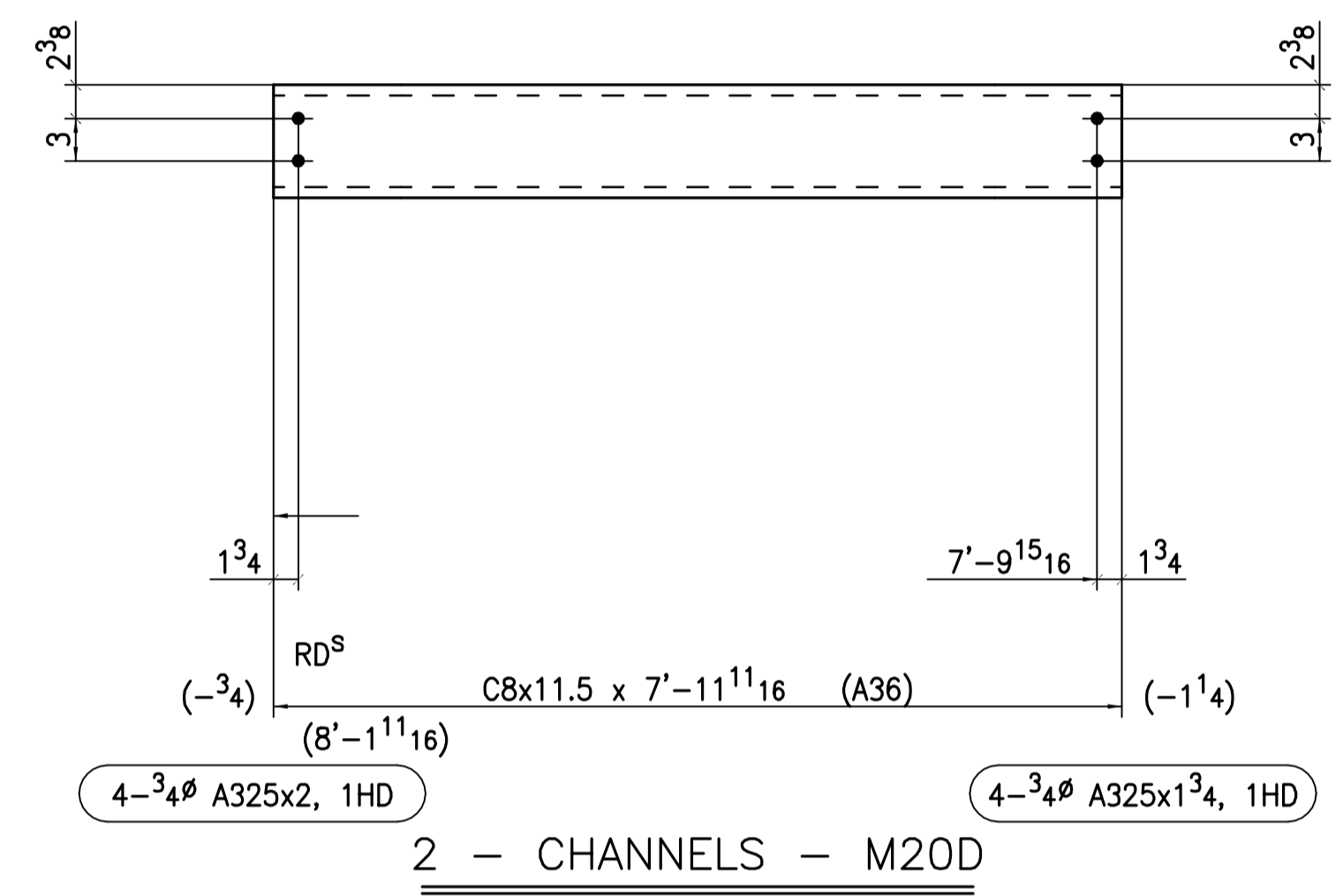
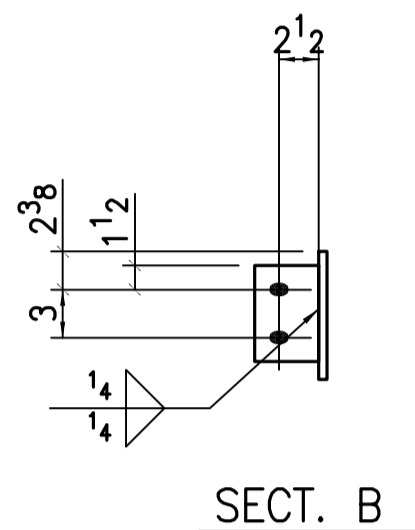
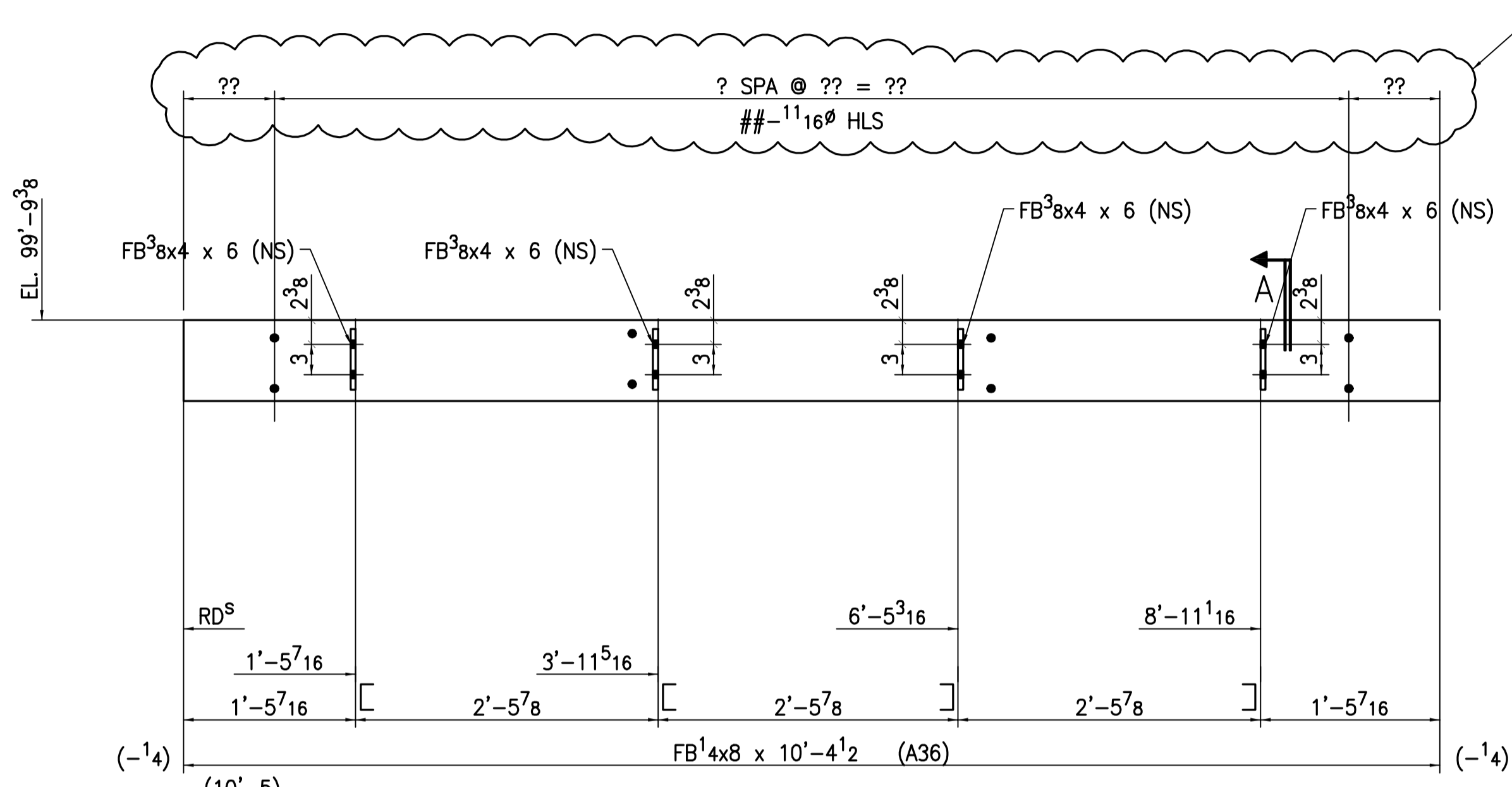


PLAN VIEW @ STRINGER M19A

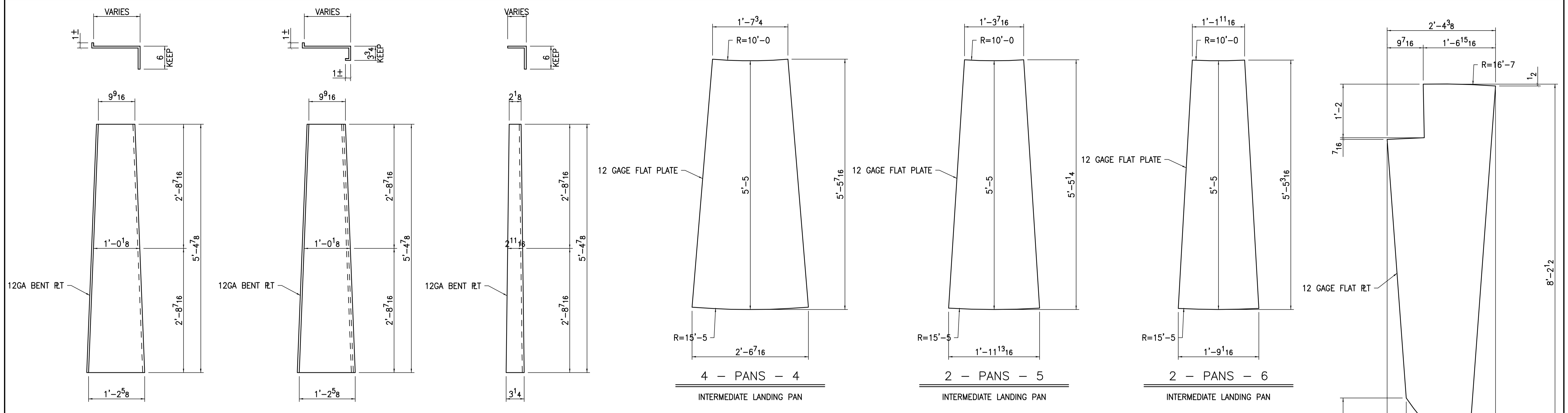
FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36	2.14.12		RELEASE FOR FABRICATION	
SURFACE PREP: SSPC-SP3	PRINT REQUISITION			
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)	SEPA	PRINT	DESTINATION	DATE OUT
STD. HOLES: 13/16 DIA.			1ST APPROVAL	SHOP
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS				ERECTION
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET	DETAILS OF: STRINGER @ ATRIUM			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.	PROJECT: _____			
	LOCATION: _____			
	ARCHITECT: _____			
	ENGINEER: _____			
	CONTRACTOR: _____			
	PROJECT NO. 1014			
	DWG. NO. M19			
	DRAWN BY: JST	DATE: 2.10.12	CHK'D BY: _____	DATE: _____



RT IS TO BE BOLTED TO THE EXISTING CONCRETE RIBS WITH ADHESIVE ANCHORS. FIELD MEASURE RIB LOCATIONS TO DETERMINE HOLE SPACING AND QUANTITY.



FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36	2.14.12		RELEASE FOR FABRICATION	
SURFACE PREP: SSPC-SP3	PRINT REQUISITION			
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)	SEPA	PRINT	DESTINATION	DATE OUT
STD. HOLES: 13/16 DIA.	1ST APPROVAL			SHOP
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS				ERECTION
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET	DETAILS OF: STRINGER @ ATRIUM			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.	PROJECT: _____			
	LOCATION: _____			
	ARCHITECT: _____			
	ENGINEER: _____			
	CONTRACTOR: _____			
	PROJECT NO. 1014			
	DWG. NO. M20			
	DRAWN BY: JST	DATE: 2.11.12	CHK'D BY: _____	DATE: _____



54 - PANS - 1
TYPICAL STAIR PAN

ONE - PAN - 2
BOTTOM PAN

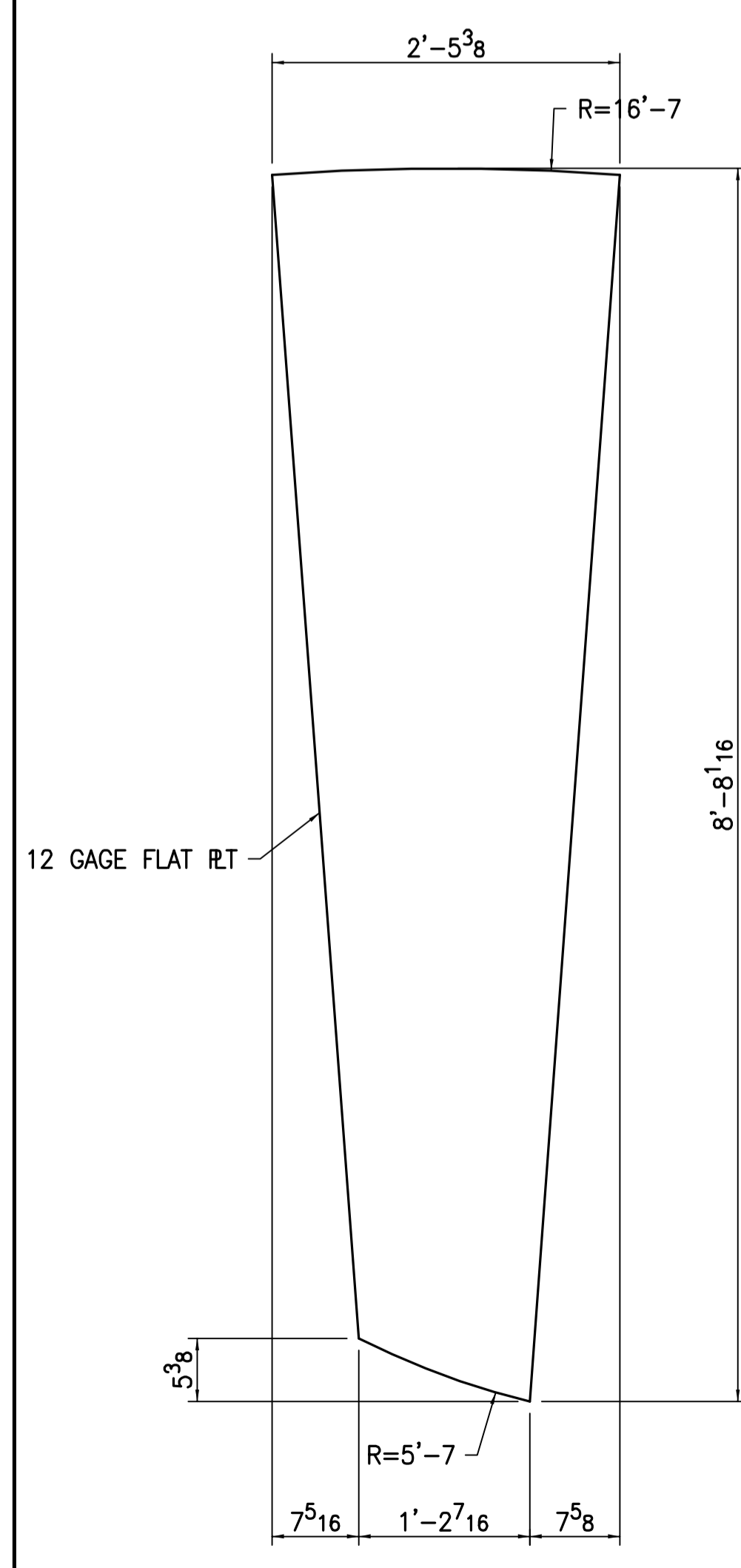
4 - PANS - 3
TOP OF RUN PAN

4 - PANS - 4
INTERMEDIATE LANDING PAN

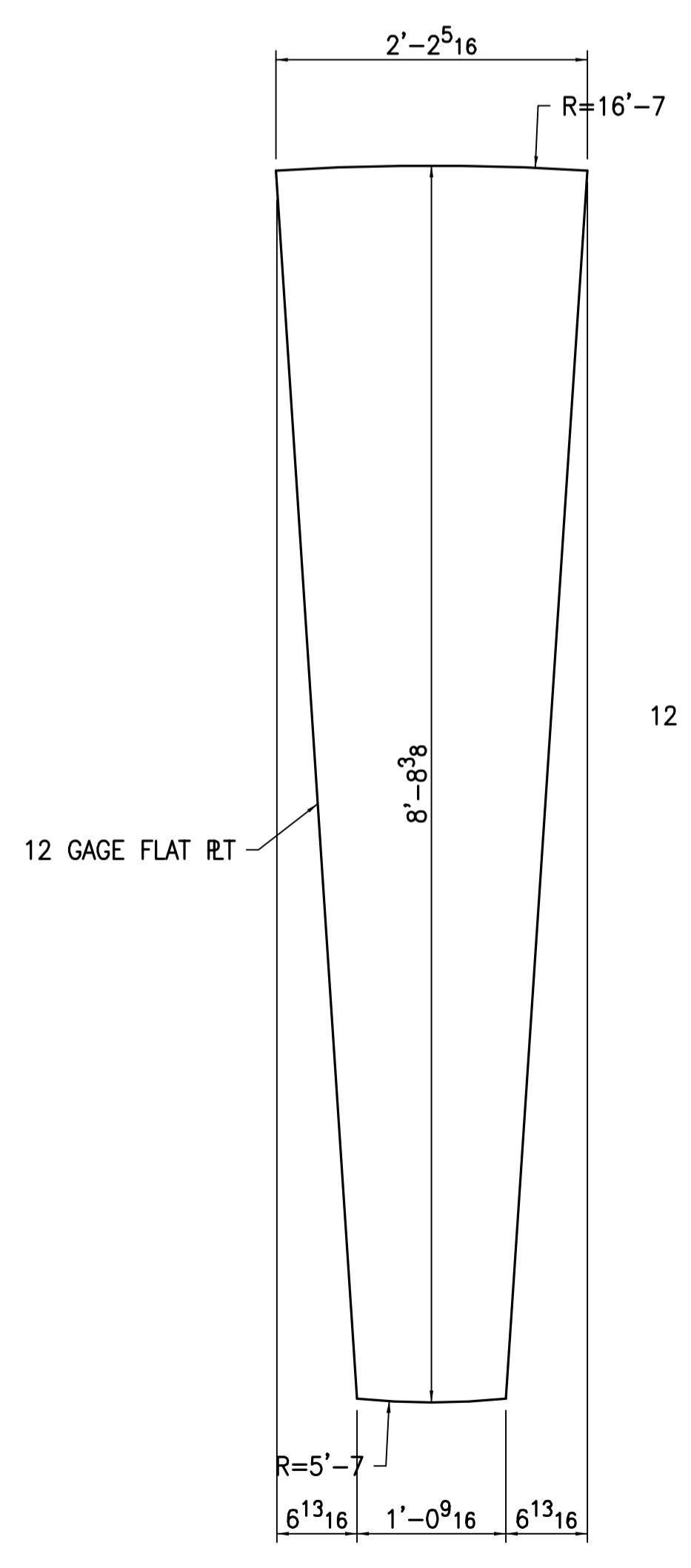
2 - PANS - 5
INTERMEDIATE LANDING PAN

2 - PANS - 6
INTERMEDIATE LANDING PAN

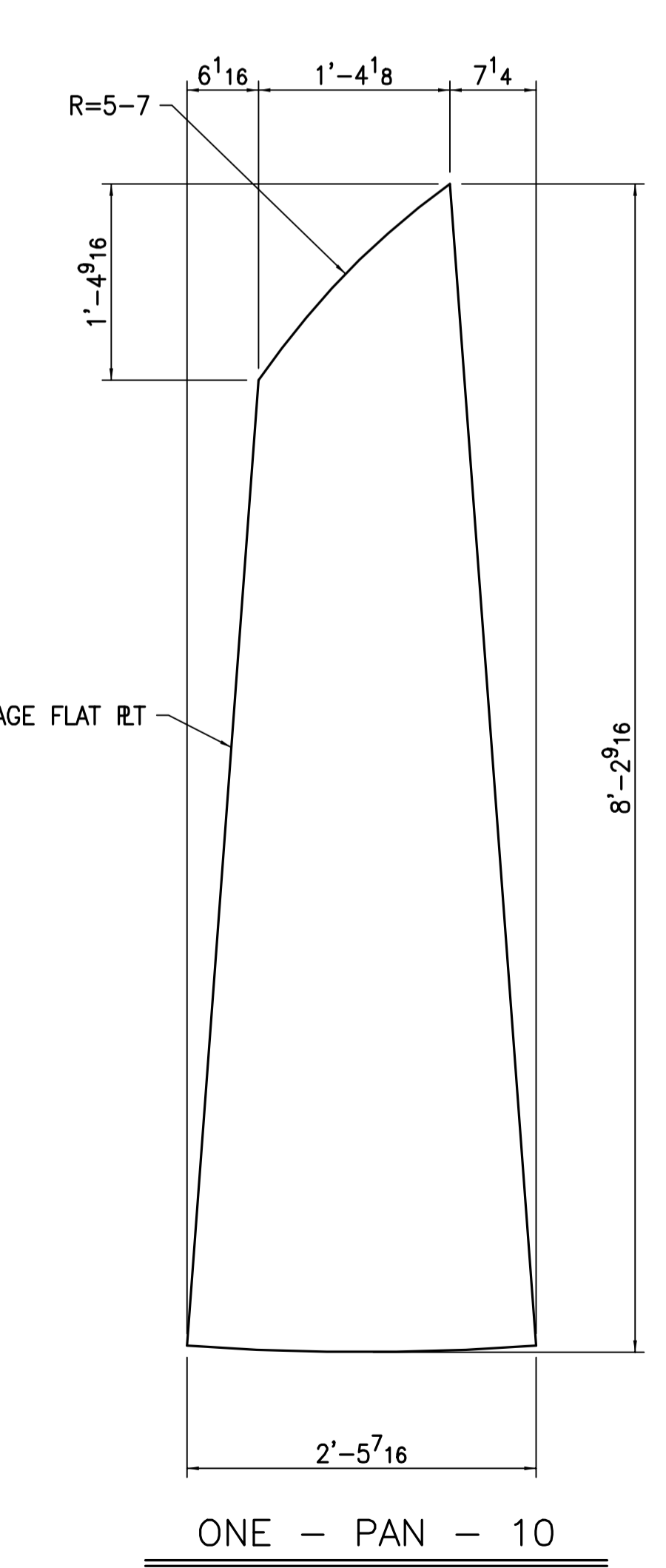
3 - PANS - 7
FLOOR LEVEL LANDING PAN



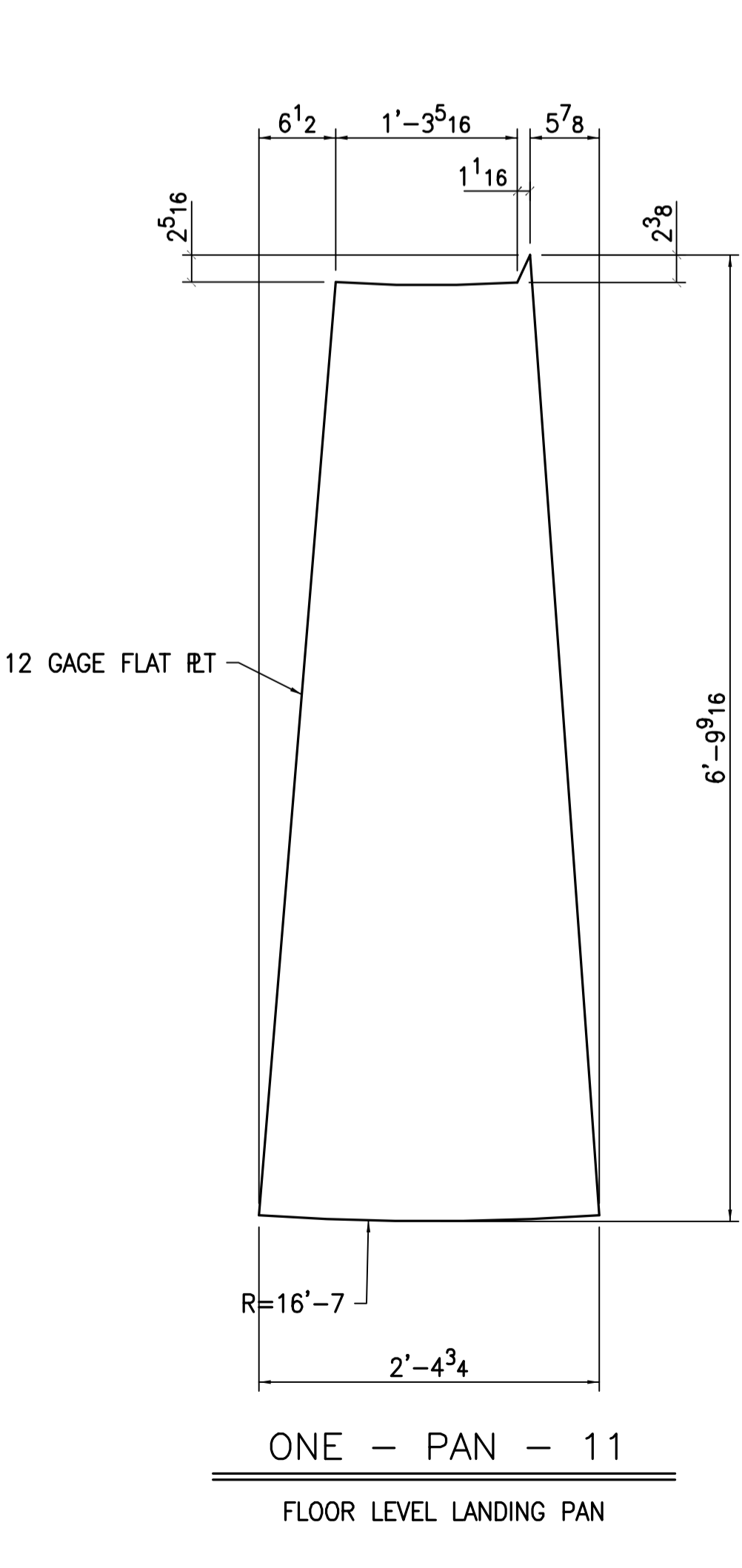
4 - PANS - 8
FLOOR LEVEL LANDING PAN



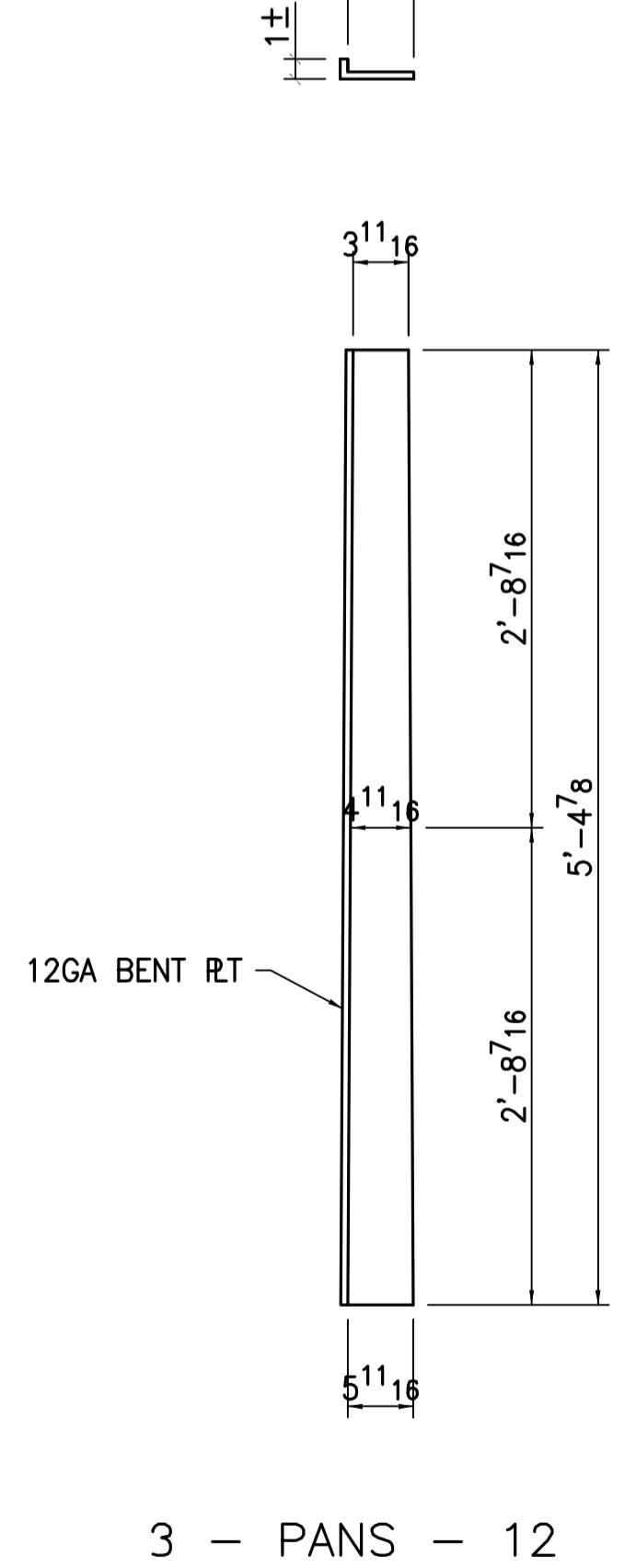
2 - PANS - 9
FLOOR LEVEL LANDING PAN



ONE - PAN - 10
FLOOR LEVEL LANDING PAN

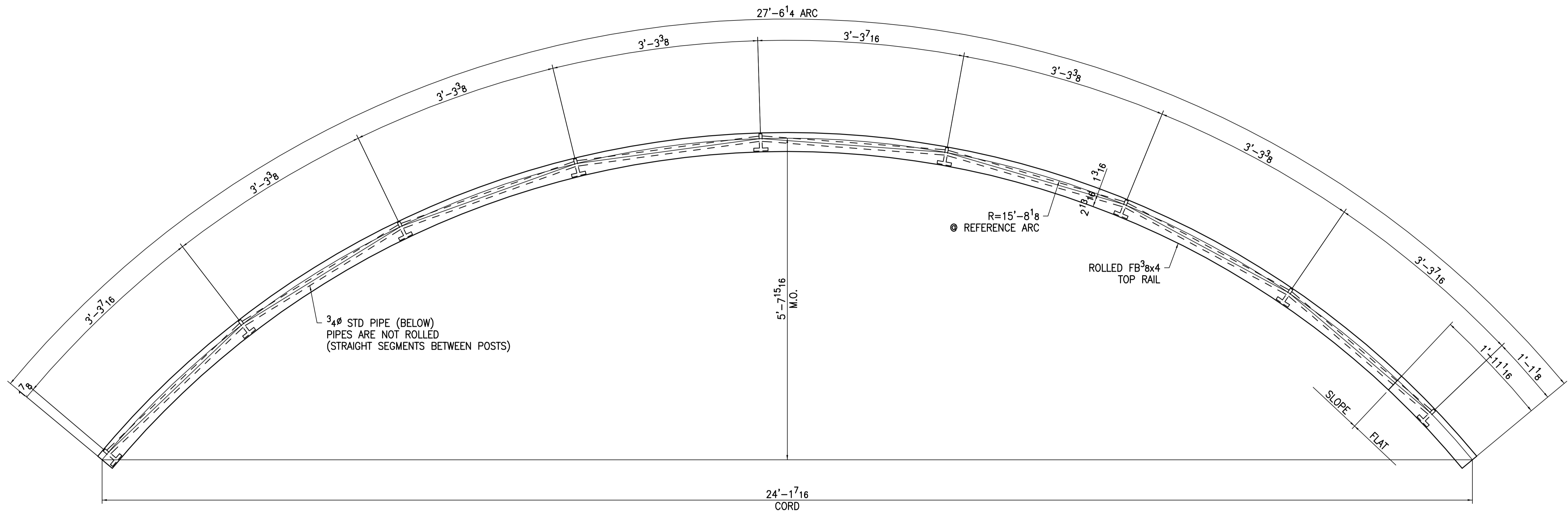


ONE - PAN - 11
FLOOR LEVEL LANDING PAN



3 - PANS - 12
BOTTOM PAN @ LANDING

FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36					
SURFACE PREP: SSPC-SP3					
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					
STD. HOLES: 13/16 DIA.					
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS					
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET					
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.					
PROJECT:		DETAILS OF: STRINGER @ ATRIUM			
LOCATION:		ARCHITECT:			
ENGINEER:		CONTRACTOR:			
DRAWN BY: JST		DATE: 2.13.12		CHK'D BY:	
PROJECT NO. 1014		DWG. NO. M21			

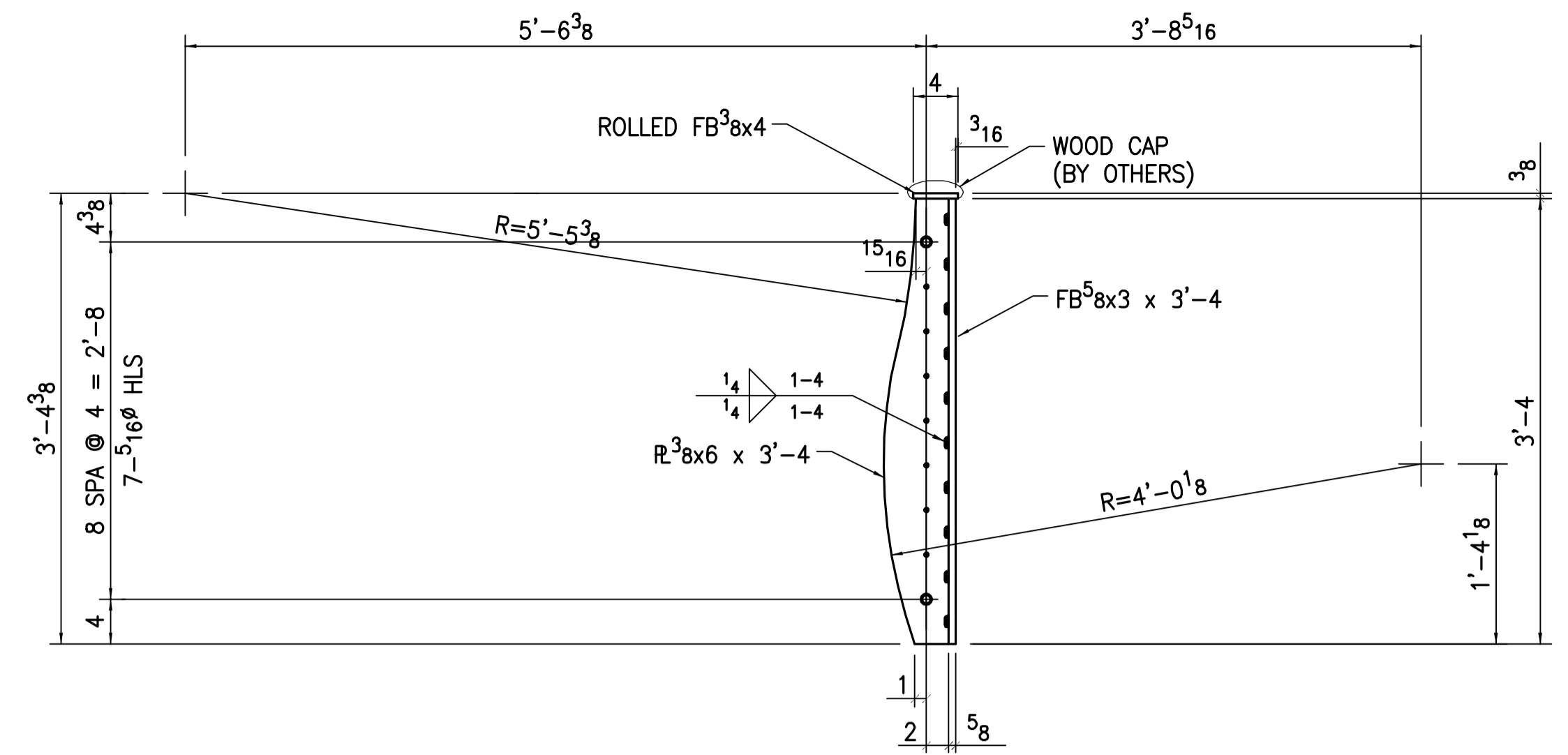


PLAN VIEW @ HANDRAIL M22A

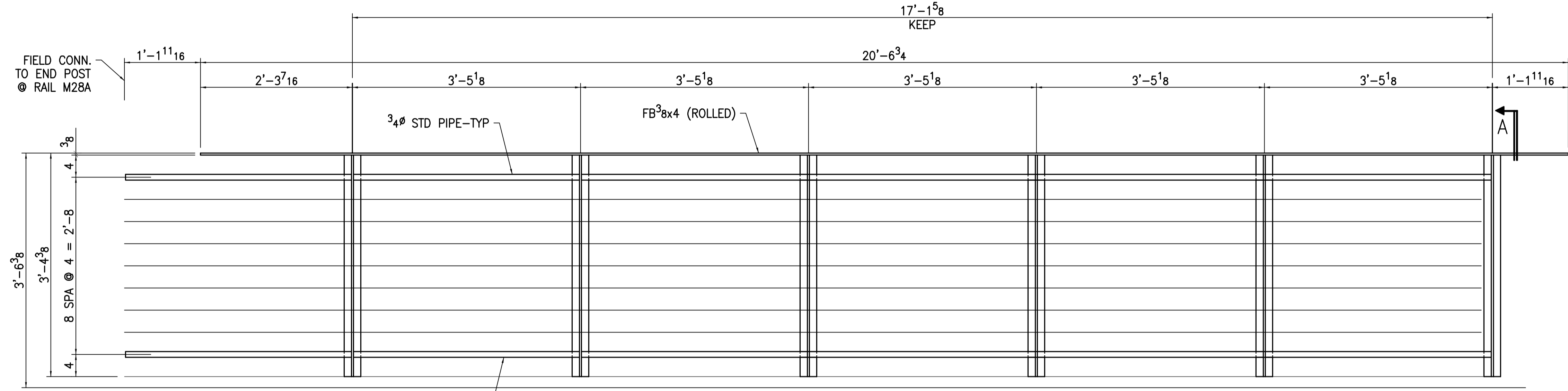
SHOP NOTE:
RAIL ASSEMBLIES ARE TO BE GALVANIZED
SEAL ALL WELDS, AND PROVIDE VENT HLS
IN 3/4 STD PIPE AS REQ'D

INFILL IS TO BE 1/4" STAINLESS
STEEL AIRCRAFT CABLE

FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY																											
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36																																
SURFACE PREP: SSPC-SP3																																
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)																																
STD. HOLES: 13/16 DIA.																																
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS																																
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET																																
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.																																
<table border="1"> <tr> <th>SEPA</th> <th>PRINT</th> <th>DESTINATION</th> <th>DATE OUT</th> <th>DATE IN</th> <th>STATUS</th> <th>PRINT</th> <th>DESTINATION</th> <th>DATE OUT</th> </tr> <tr> <td></td> <td></td> <td>1ST APPROVAL</td> <td></td> <td></td> <td>APPR</td> <td>APP</td> <td>SHOP</td> <td></td> </tr> <tr> <td></td> <td></td> <td>DISTRIBUTION</td> <td></td> <td></td> <td>APP</td> <td>APP</td> <td>ERECTION</td> <td></td> </tr> </table>		SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	PRINT	DESTINATION	DATE OUT			1ST APPROVAL			APPR	APP	SHOP				DISTRIBUTION			APP	APP	ERECTION					
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	PRINT	DESTINATION	DATE OUT																								
		1ST APPROVAL			APPR	APP	SHOP																									
		DISTRIBUTION			APP	APP	ERECTION																									
DETAILS OF: STAIR RAILINGS																																
PROJECT:																																
LOCATION:																																
ARCHITECT:																																
ENGINEER:																																
CONTRACTOR:																																
DRAWN BY: JST		DATE: 3.6.12	CHK'D BY:	DATE:																												
PROJECT NO. 1014		DWG. NO. M23																														

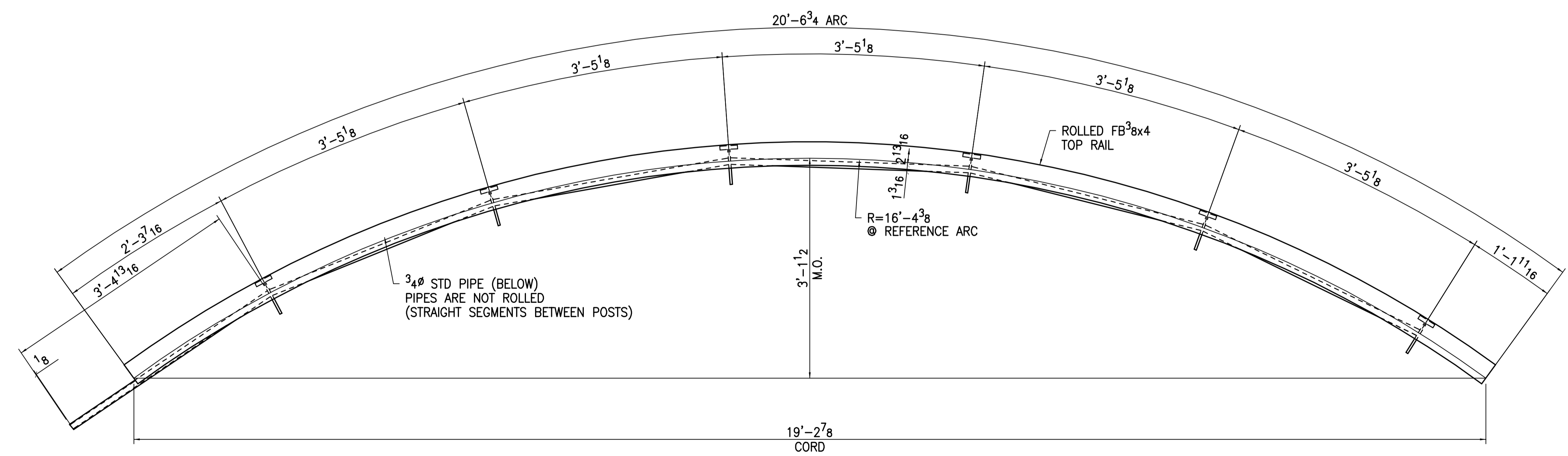


SECTION A
x6



2^R-2^L - GUARDRAILS - M27A^R
CURVED

ROLLED FB³⁸x⁴ x 21'-0 L.F.
3/4 STD PIPE x 42'-0 L.F.

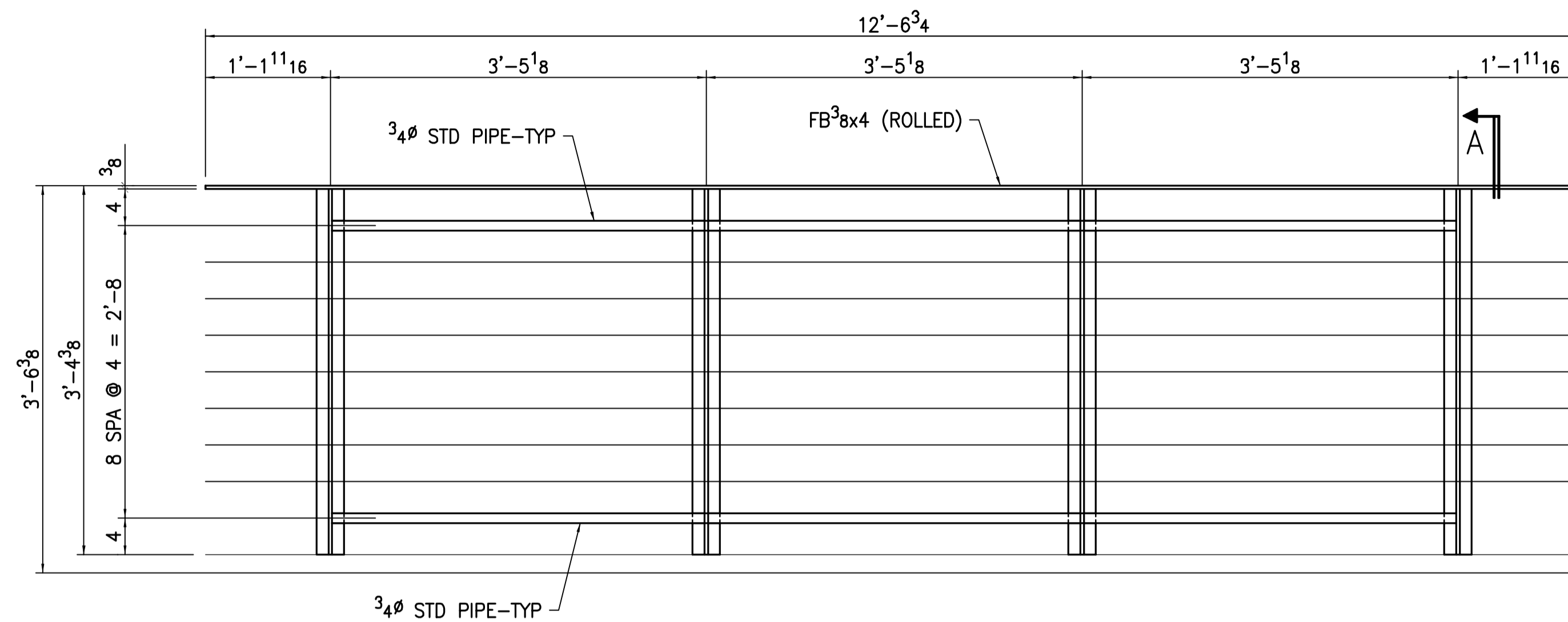


PLAN VIEW @ GUARDRAIL M27A

SHOP NOTE:
RAIL ASSEMBLIES ARE TO BE GALVANIZED
SEAL ALL WELDS, AND PROVIDE VENT HLS
IN 3/4 STD PIPE AS REQ'D

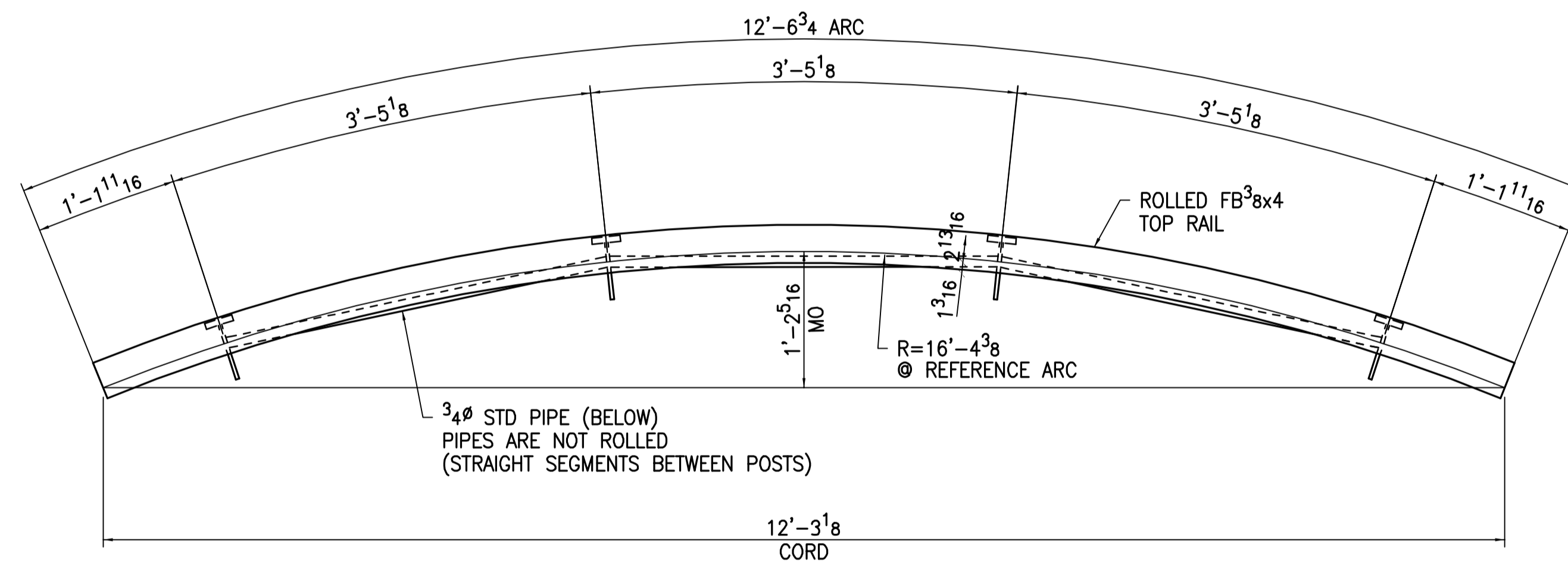
INFILL IS TO BE 1/4 STAINLESS
STEEL AIRCRAFT CABLE

FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36				
SURFACE PREP: SSPC-SP3				
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)				
STD. HOLES: 13/16 DIA.				
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS				
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET				
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.				
DETAILS OF: STAIR RAILINGS			PROJECT:	
LOCATION:			ARCHITECT:	
ARCHITECT:			ENGINEER:	
CONTRACTOR:			PROJECT NO. 1014	
DRAWN BY: JST			DATE: 3.8.12	
CHECK'D BY:			DATE:	
			DWG. NO. M27	

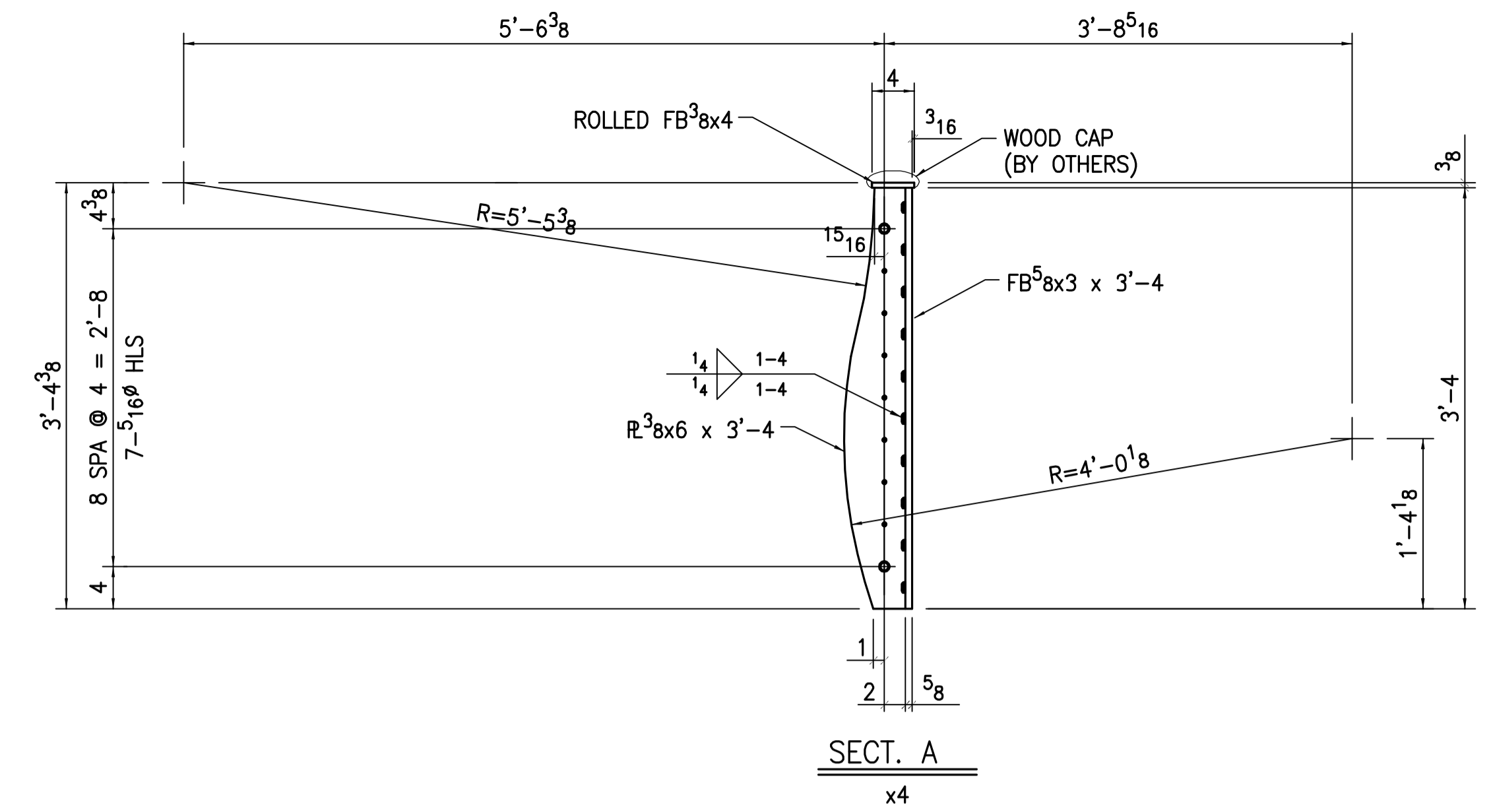


2 - GUARDRAILS - M28A
CURVED

ROLLED FB³8x4 x 13'-0 L.F.
3/4 STD PIPE x 21'-0 L.F.



PLAN VIEW @ GUARDRAIL M28A

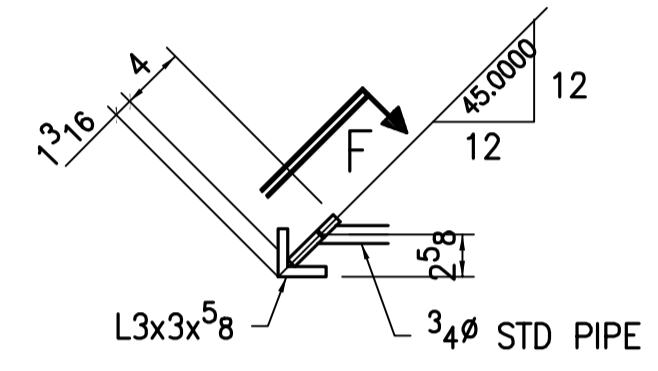
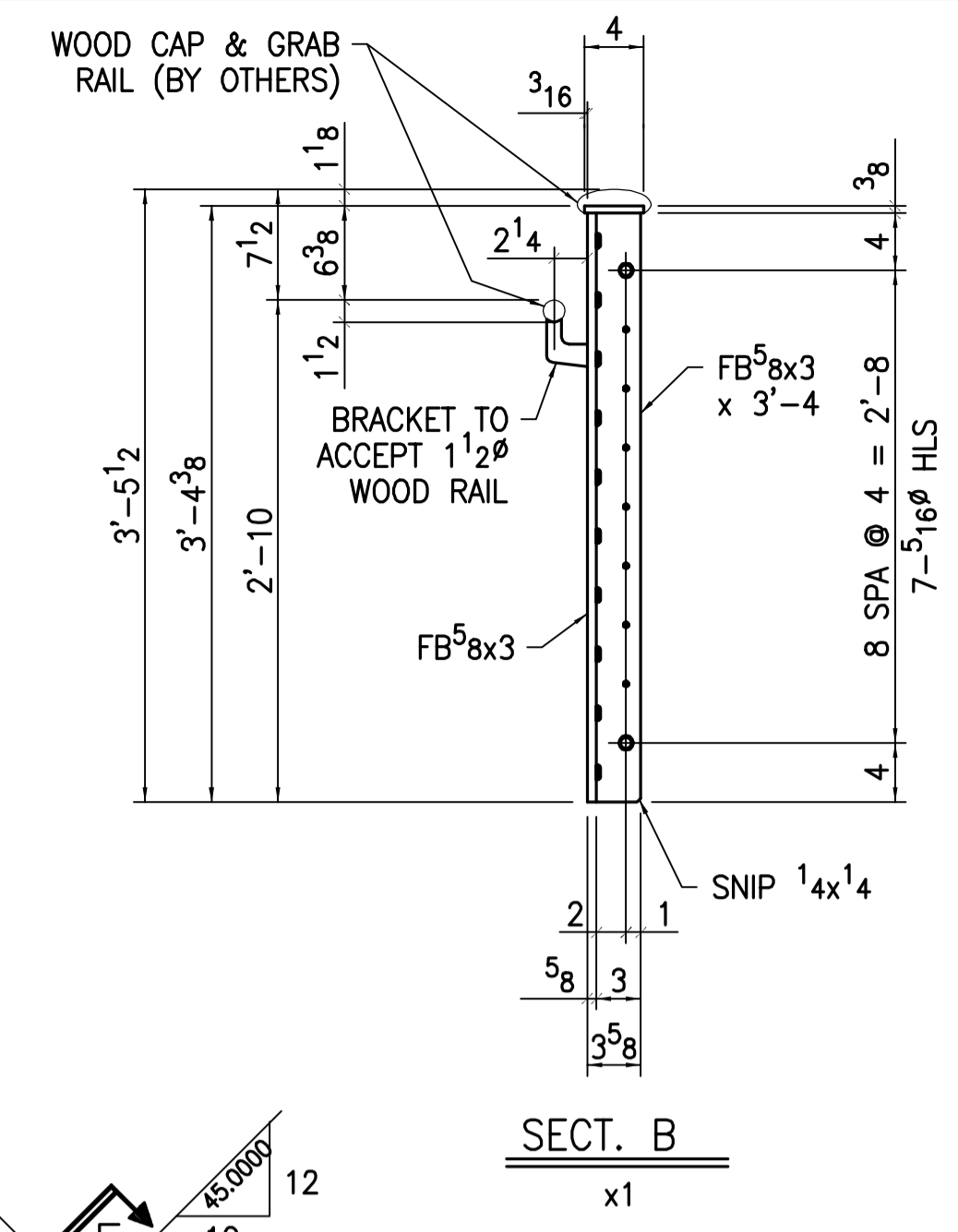
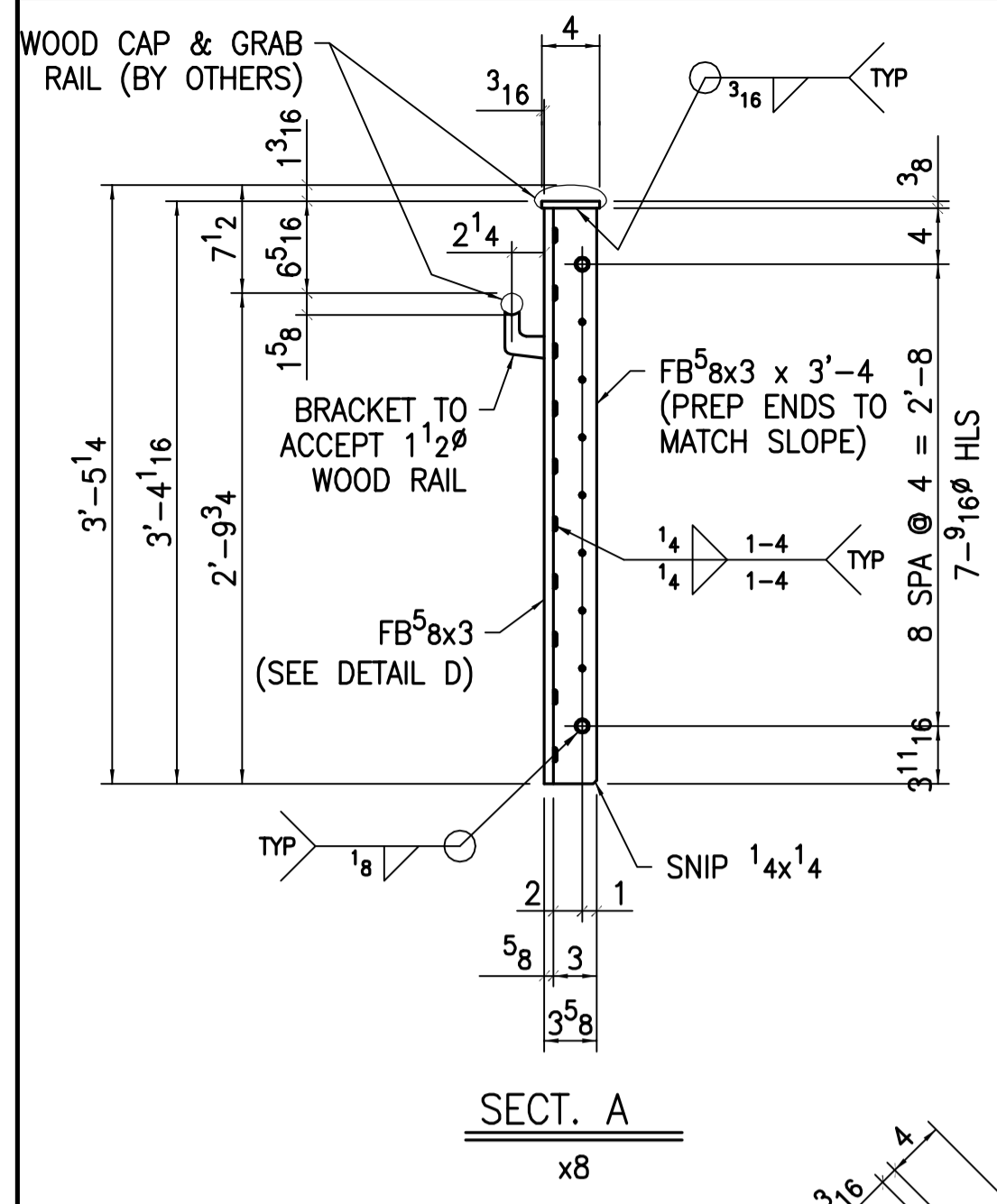
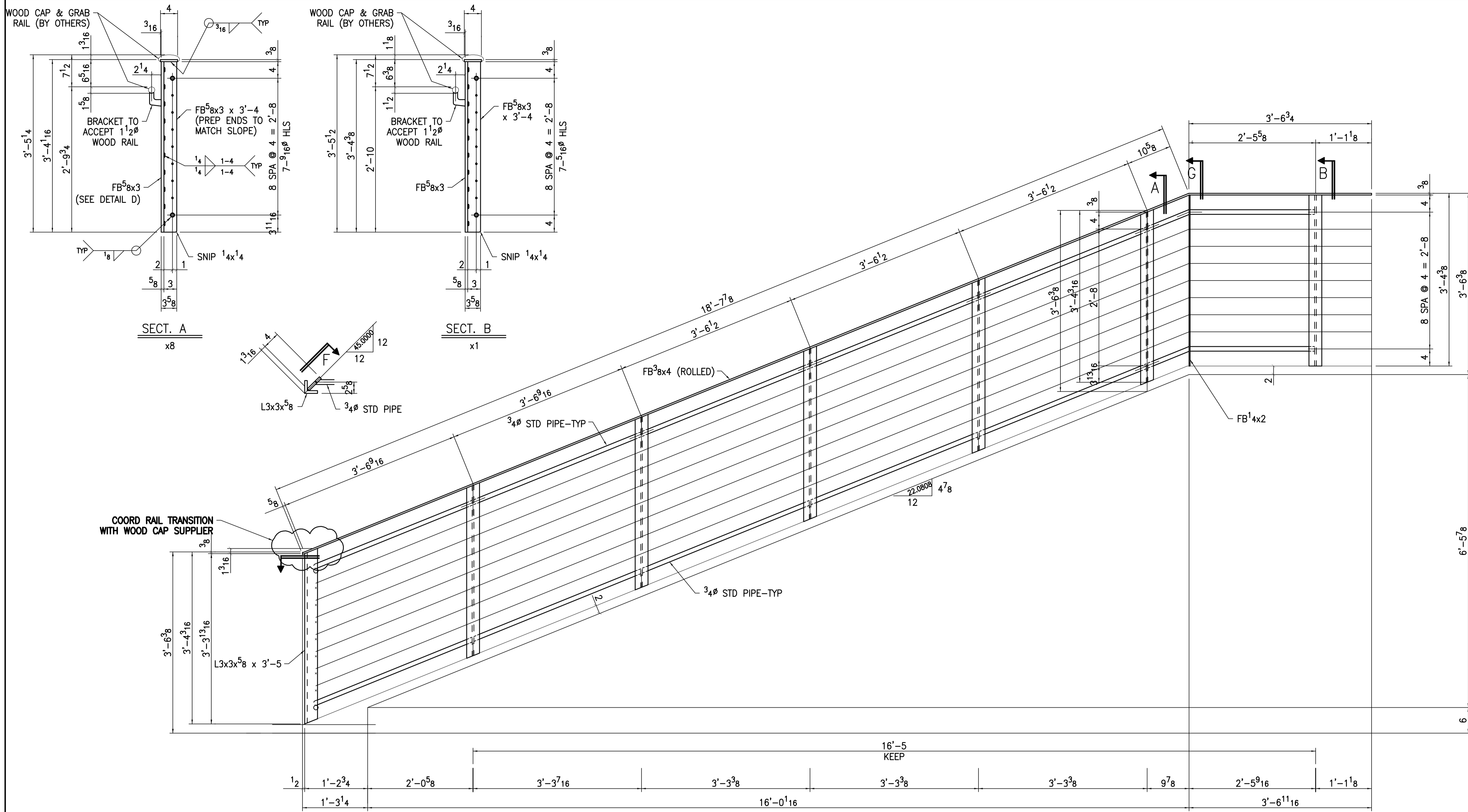


SECT. A
x4

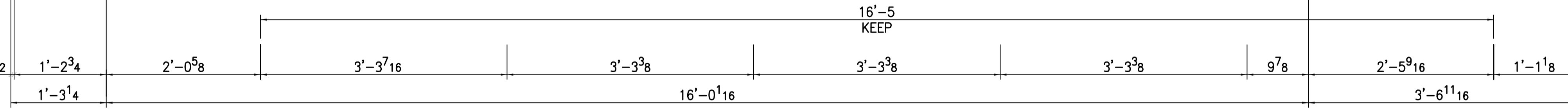
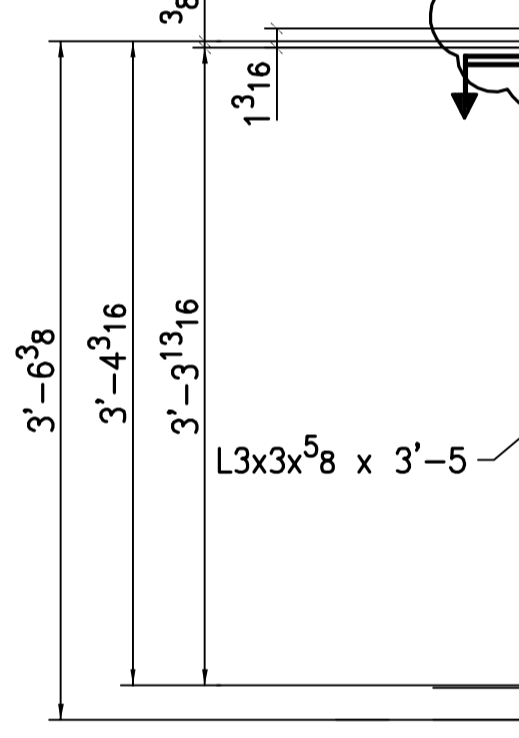
SHOP NOTE:
RAIL ASSEMBLIES ARE TO BE GALVANIZED
SEAL ALL WELDS, AND PROVIDE VENT HLS
IN 3/4 STD PIPE AS REQ'D

INFILL IS TO BE 1/4 STAINLESS
STEEL AIRCRAFT CABLE

FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY																																				
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36																																								
SURFACE PREP: SSPC-SP3																																								
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)																																								
STD. HOLES: 13/16 DIA.																																								
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS																																								
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET																																								
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.																																								
<table border="1"> <thead> <tr> <th>SEPA</th> <th>PRINT</th> <th>DESTINATION</th> <th>DATE OUT</th> <th>DATE IN</th> <th>STATUS</th> <th>APPR</th> <th>AN</th> <th>REJ</th> <th>PRINT</th> <th>DESTINATION</th> <th>DATE OUT</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1ST APPROVAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHOP</td> <td></td> </tr> <tr> <td></td> <td></td> <td>DISTRIBUTION</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ERECTION</td> <td></td> </tr> </tbody> </table>					SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	APPR	AN	REJ	PRINT	DESTINATION	DATE OUT			1ST APPROVAL								SHOP				DISTRIBUTION								ERECTION	
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	APPR	AN	REJ	PRINT	DESTINATION	DATE OUT																													
		1ST APPROVAL								SHOP																														
		DISTRIBUTION								ERECTION																														
<table border="1"> <thead> <tr> <th>DATE</th> <th>RELEASE FOR COORDINATION & FABRICATION</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>					DATE	RELEASE FOR COORDINATION & FABRICATION																																		
DATE	RELEASE FOR COORDINATION & FABRICATION																																							
<table border="1"> <thead> <tr> <th>DETAILS OF:</th> <th>STAIR RAILINGS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>					DETAILS OF:	STAIR RAILINGS																																		
DETAILS OF:	STAIR RAILINGS																																							
<table border="1"> <thead> <tr> <th>PROJECT:</th> <th>LOCATION:</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>					PROJECT:	LOCATION:																																		
PROJECT:	LOCATION:																																							
<table border="1"> <thead> <tr> <th>ARCHITECT:</th> <th>ENGINEER:</th> <th>CONTRACTOR:</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>					ARCHITECT:	ENGINEER:	CONTRACTOR:																																	
ARCHITECT:	ENGINEER:	CONTRACTOR:																																						
<table border="1"> <thead> <tr> <th>DATE:</th> <th>3.8.12</th> <th>CHK'D BY:</th> <th>DATE:</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					DATE:	3.8.12	CHK'D BY:	DATE:																																
DATE:	3.8.12	CHK'D BY:	DATE:																																					
<table border="1"> <thead> <tr> <th>PROJECT NO.</th> <th>DWG. NO.</th> </tr> </thead> <tbody> <tr> <td>1014</td> <td>M28</td> </tr> </tbody> </table>					PROJECT NO.	DWG. NO.	1014	M28																																
PROJECT NO.	DWG. NO.																																							
1014	M28																																							



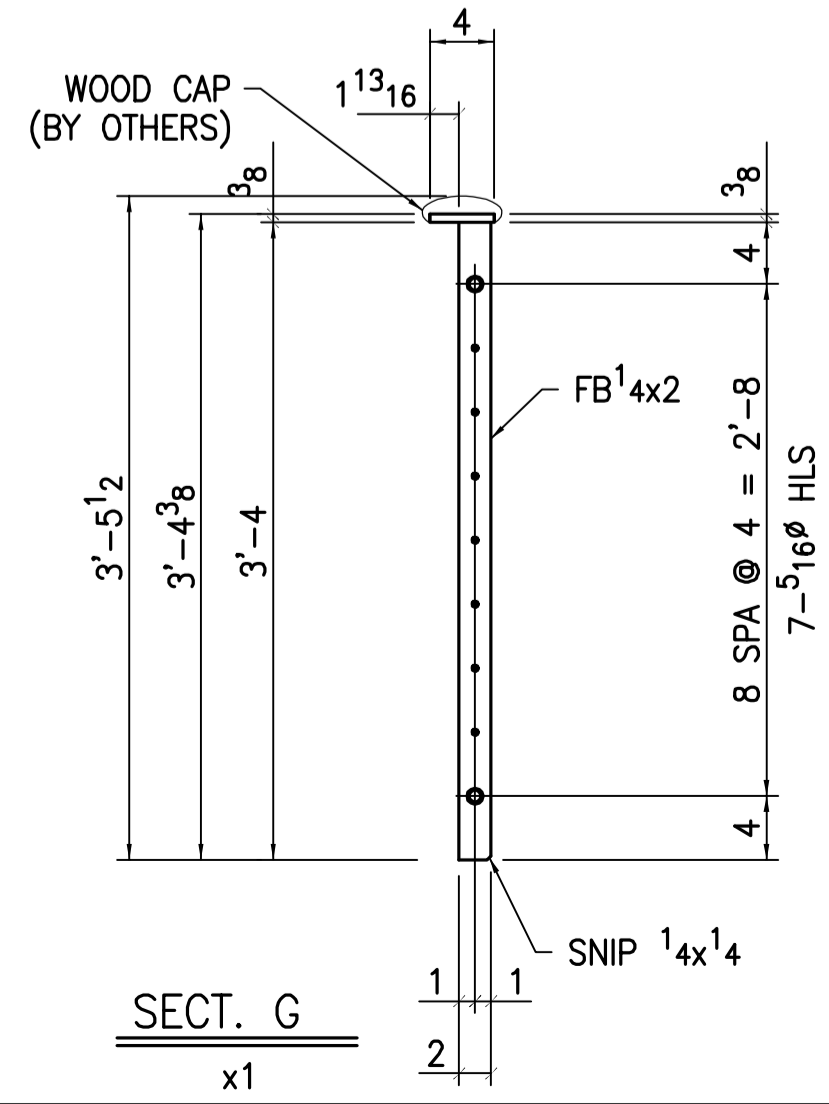
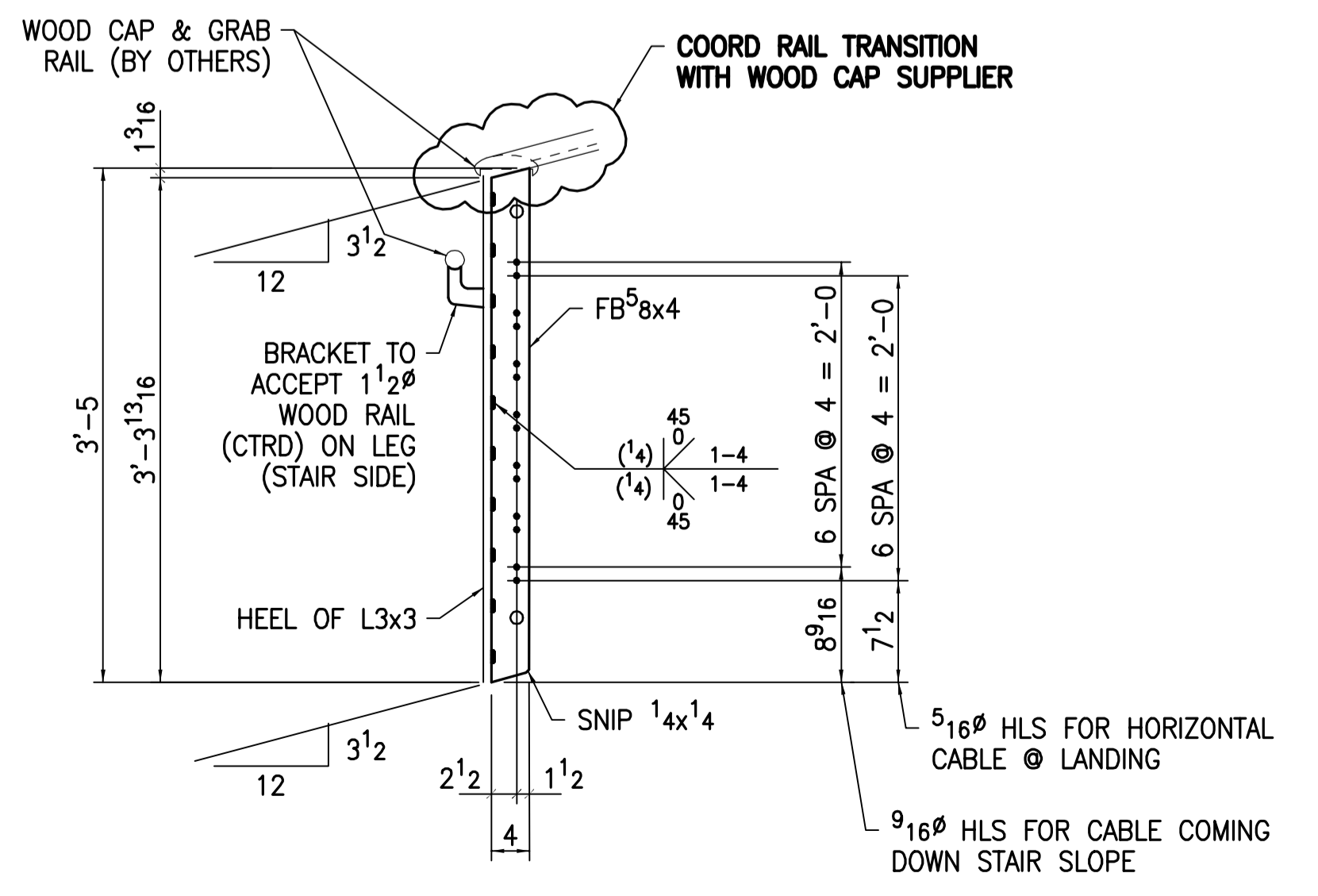
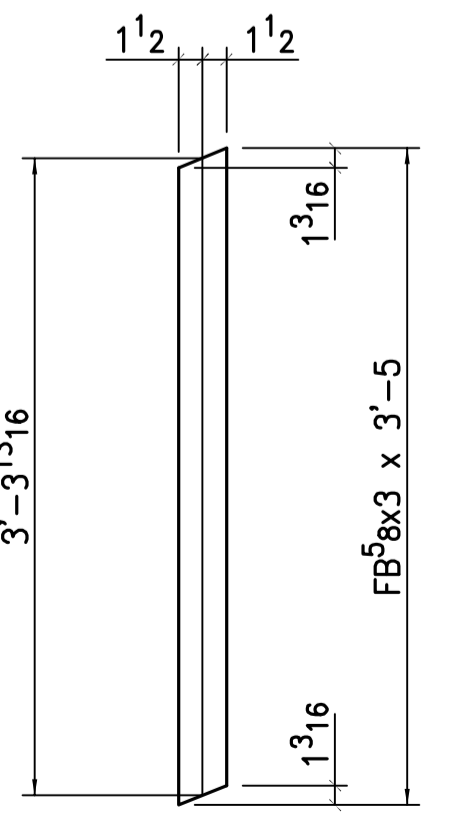
COORD RAIL TRANSITION WITH WOOD CAP SUPPLIER



ONE - HANDRAIL - M29A

ROLLED FB 8x4 x 23'-0 L.F.
3/4 STD PIPE x 43'-0 L.F.

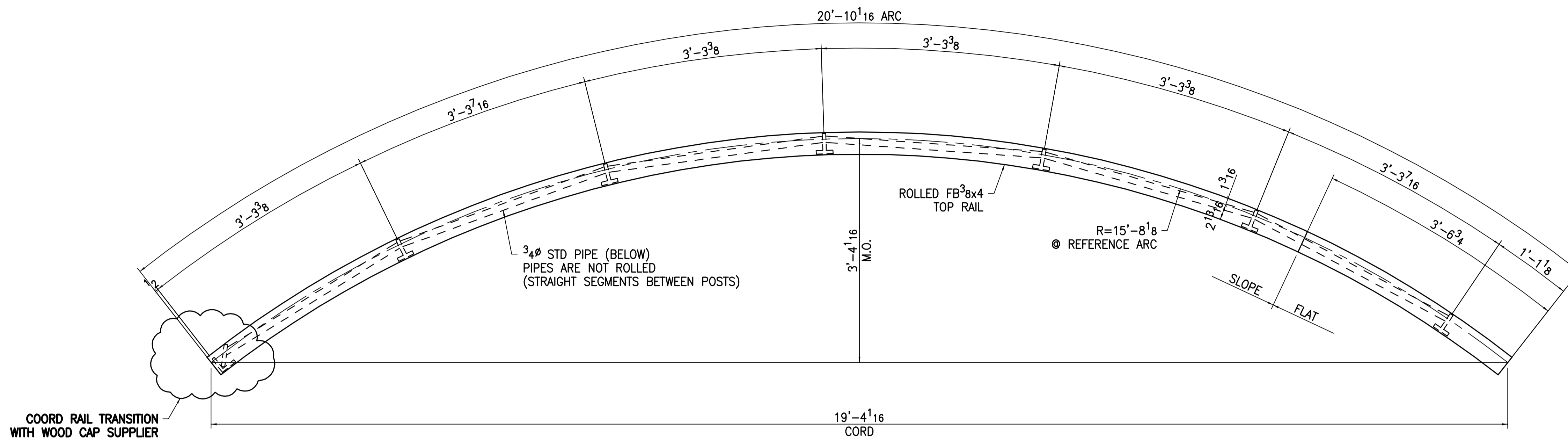
CURVED
SEE DRAWING M30 FOR PLAN VIEW



SHOP NOTE:
RAIL ASSEMBLIES ARE TO BE GALVANIZED
SEAL ALL WELDS, AND PROVIDE VENT HLS
IN 3/4 STD PIPE AS REQ'D

INFILL IS TO BE 1/4 STAINLESS
STEEL AIRCRAFT CABLE

FABRICATION STANDARDS (U.N.)		REVNO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36					
SURFACE PREP: SSPC-SP3					
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					
STD. HOLES: 13/16 DIA.					
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS					
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET					
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.					
PROJECT:					
LOCATION:					
ARCHITECT:					
ENGINEER:					
CONTRACTOR:					
DRAWN BY: JST					
DATE: 3.8.12					
CHK'D BY:					
DATE:					
PROJECT NO. 1014					
DWG. NO. M29					

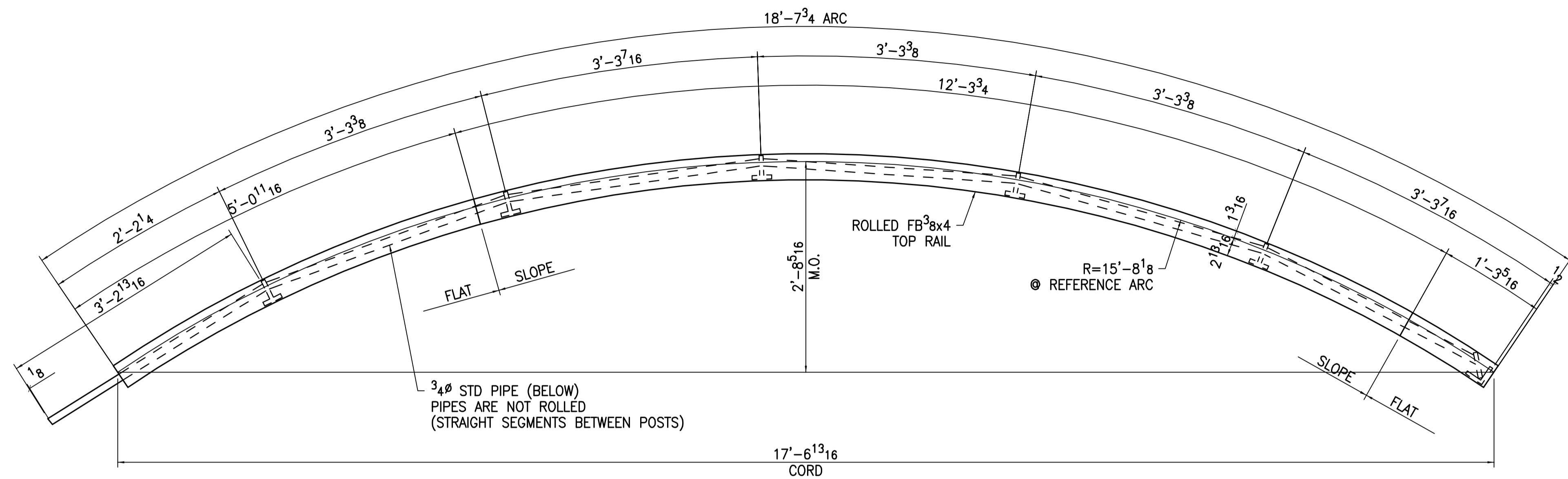


PLAN VIEW @ HANDRAIL M29A

SHOP NOTE:
RAIL ASSEMBLIES ARE TO BE GALVANIZED
SEAL ALL WELDS, AND PROVIDE VENT HLS
IN 3/4\"/>

INFILL IS TO BE 1/4\"/>

FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY																																				
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36																																									
SURFACE PREP: SSPC-SP3																																									
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)																																									
STD. HOLES: 13/16 DIA.																																									
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS																																									
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET																																									
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.																																									
PROJECT:		<table border="1"> <tr> <th>SEPA</th> <th>PRINT</th> <th>DESTINATION</th> <th>DATE OUT</th> <th>DATE IN</th> <th>STATUS</th> <th>APPR.</th> <th>APP.</th> <th>REJ.</th> <th>PRINT</th> <th>DESTINATION</th> <th>DATE OUT</th> </tr> <tr> <td></td> <td></td> <td>1ST APPROVAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHOP</td> <td></td> </tr> <tr> <td></td> <td></td> <td>DISTRIBUTION</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ERECTION</td> <td></td> </tr> </table>				SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	APPR.	APP.	REJ.	PRINT	DESTINATION	DATE OUT			1ST APPROVAL								SHOP				DISTRIBUTION								ERECTION	
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	APPR.	APP.	REJ.	PRINT	DESTINATION	DATE OUT																														
		1ST APPROVAL								SHOP																															
		DISTRIBUTION								ERECTION																															
LOCATION:		<table border="1"> <tr> <td>ARCHITECT:</td> <td></td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>CONTRACTOR:</td> <td></td> </tr> </table>										ARCHITECT:		ENGINEER:		CONTRACTOR:																									
ARCHITECT:																																									
ENGINEER:																																									
CONTRACTOR:																																									
DRAWN BY: JST		DATE: 3.9.12		CHK'D BY:		DATE:		<table border="1"> <tr> <td>PROJECT NO.</td> <td>1014</td> <td>DWG. NO.</td> <td>M30</td> </tr> </table>				PROJECT NO.	1014	DWG. NO.	M30																										
PROJECT NO.	1014	DWG. NO.	M30																																						

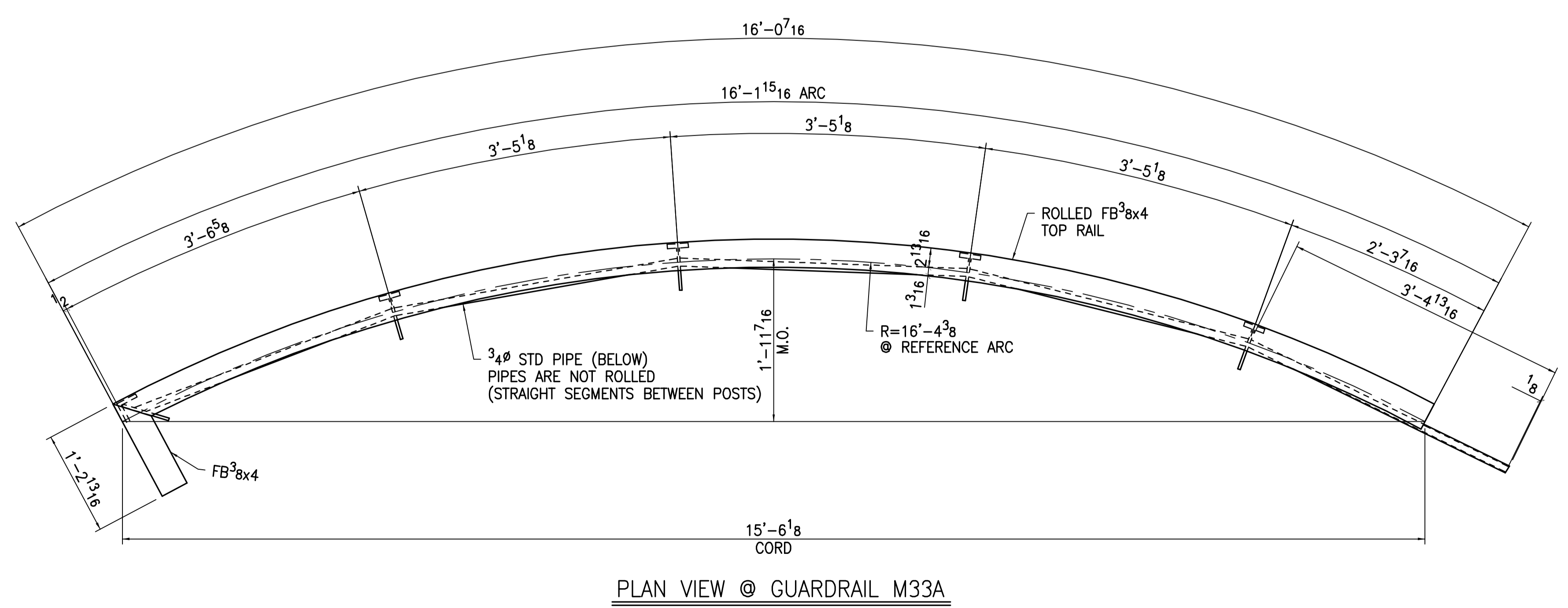
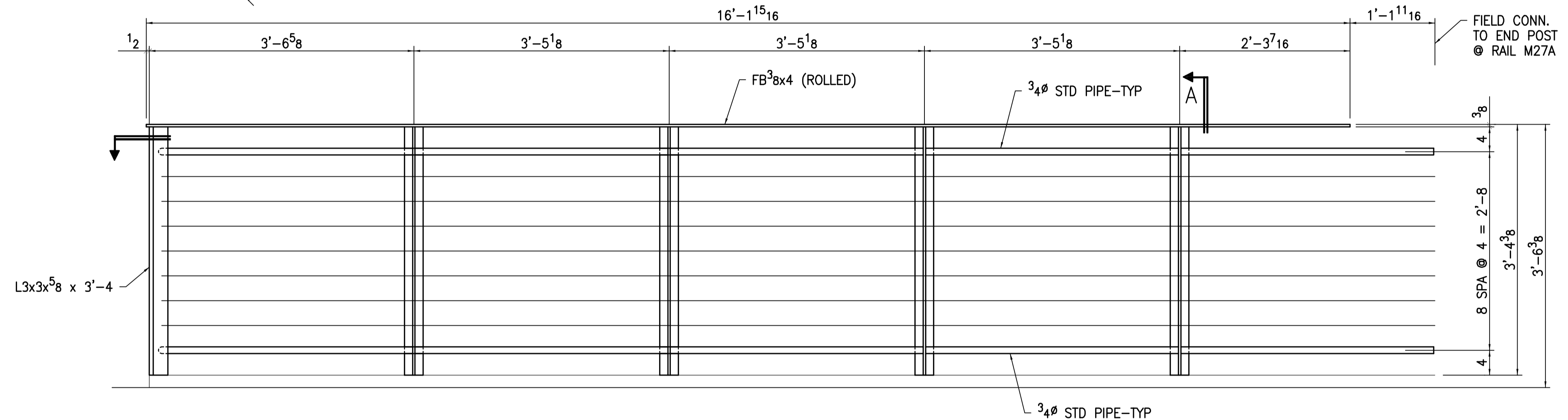
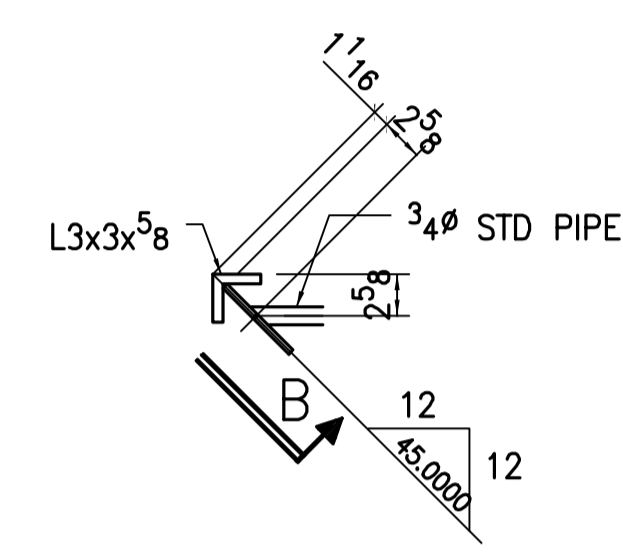
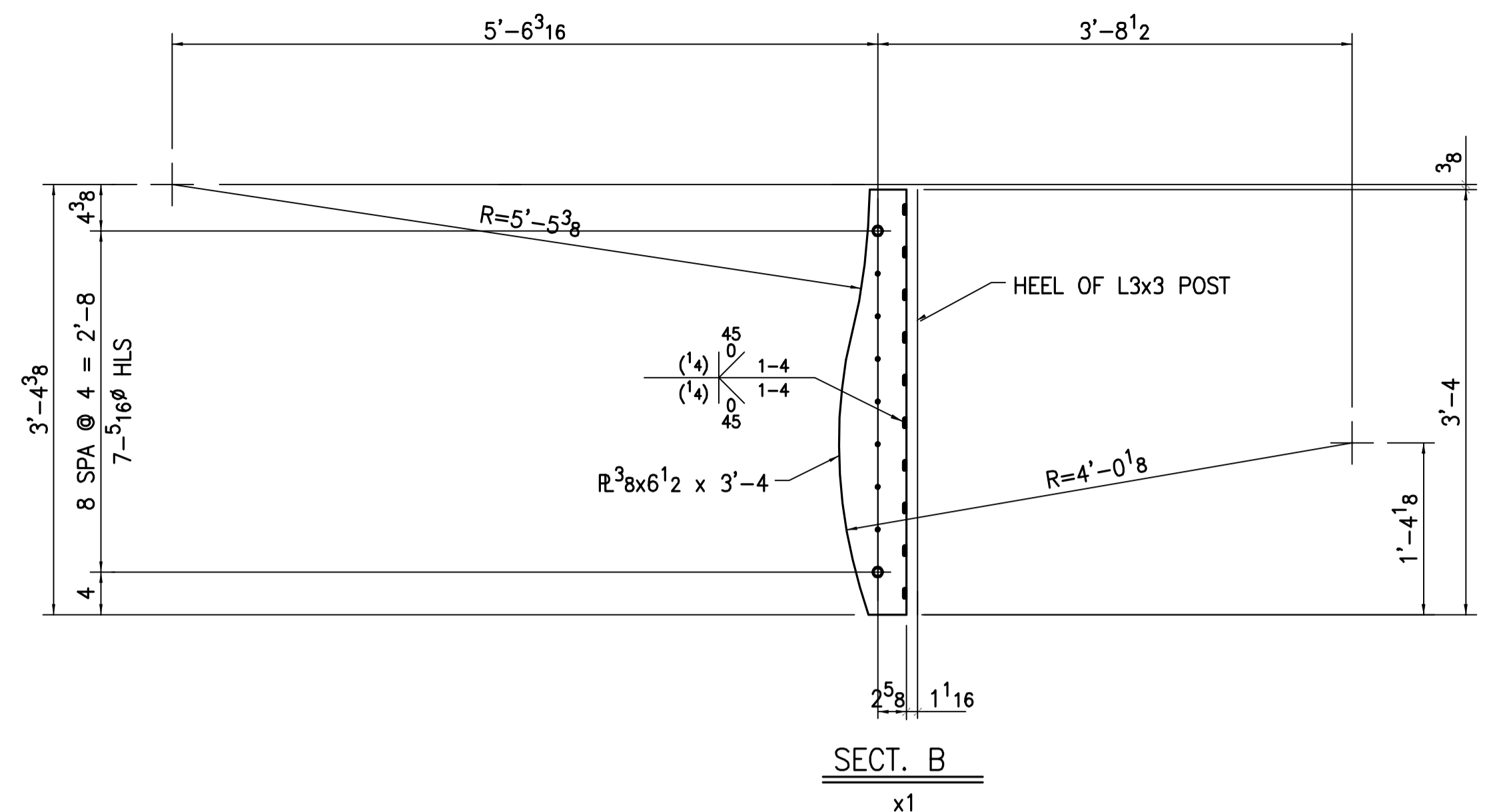
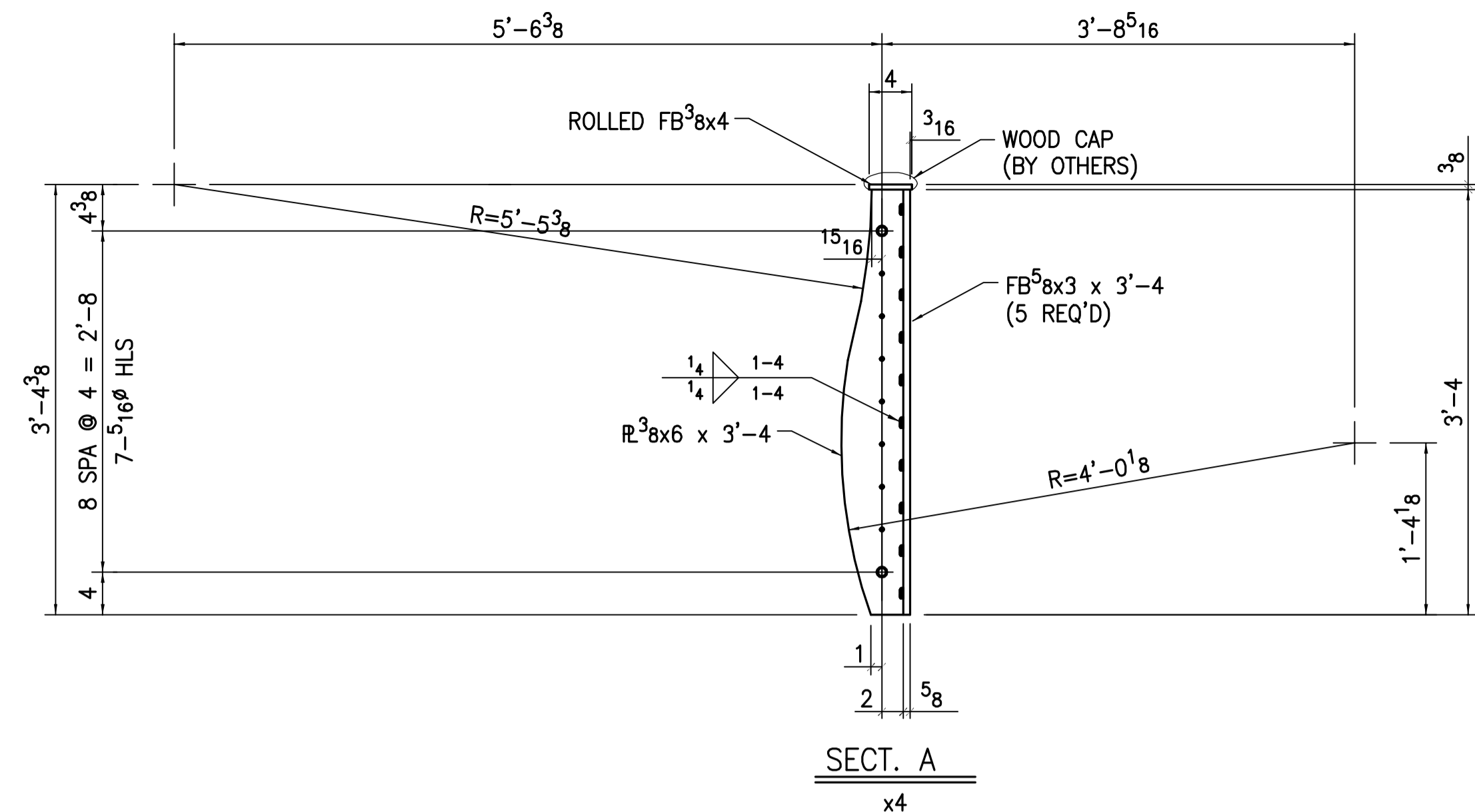


PLAN VIEW @ HANDRAIL M31A

SHOP NOTE:
RAIL ASSEMBLIES ARE TO BE GALVANIZED SEAL ALL WELDS, AND PROVIDE VENT HLS IN 3/4 STD PIPE AS REQ'D

INFILL IS TO BE 1/4 STAINLESS STEEL AIRCRAFT CABLE

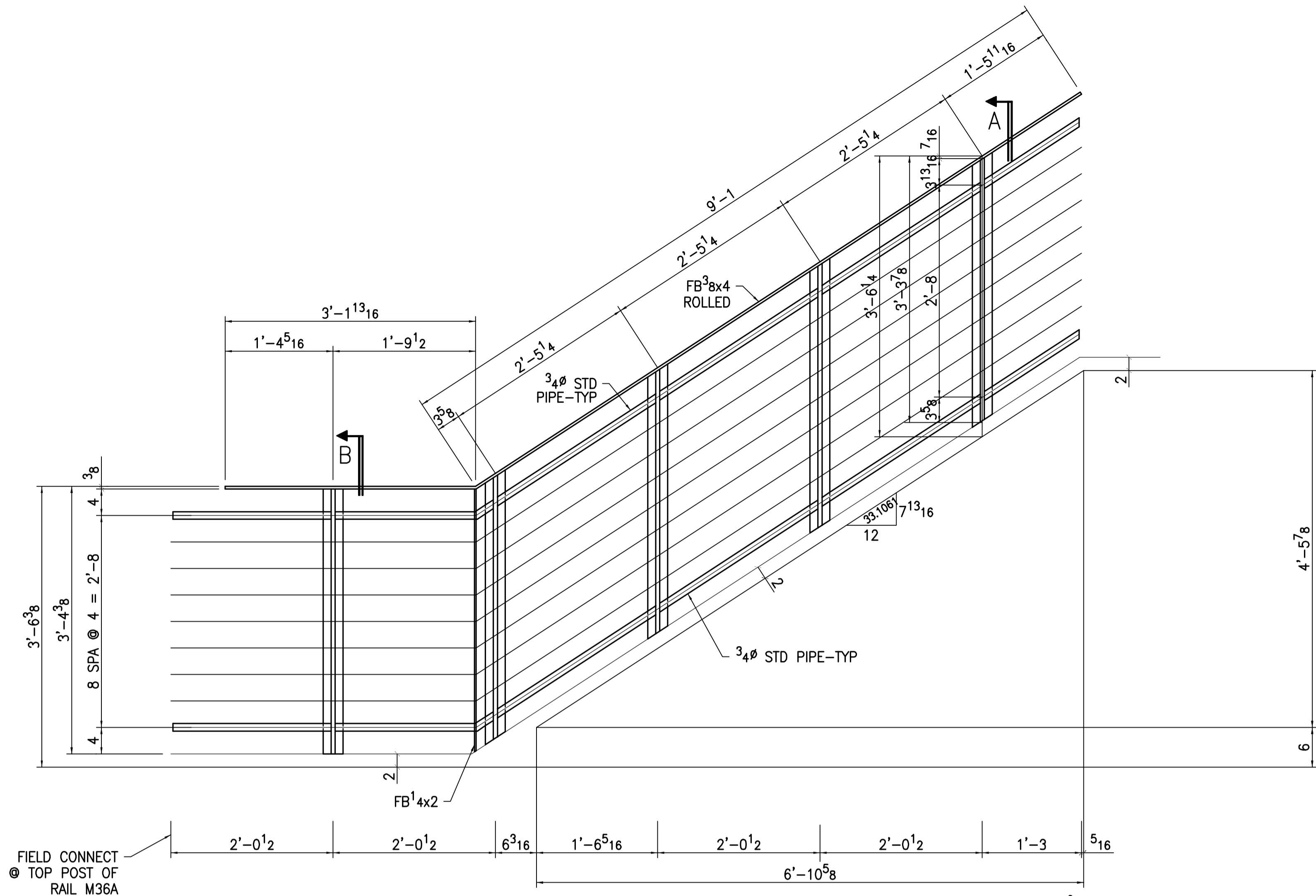
FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36					
SURFACE PREP: SSPC-SP3					
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					
STD. HOLES: 13/16 DIA.					
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS					
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET					
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.					
PROJECT:		3.20.12 RELEASE FOR COORDINATION & FABRICATION			
PRINT REQUISITION					
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS
		1ST APPROVAL			APPR. ANN. REJ.
					PRINT
					DESTINATION
					DATE OUT
					SHOP
					ERECTION
DETAILS OF: STAIR RAILINGS					
LOCATION:					
ARCHITECT:					
ENGINEER:					
CONTRACTOR:					
DRAWN BY: JST	DATE: 3.9.12	CHK'D BY:	DATE:	PROJECT NO. 1014	DWG. NO. M32



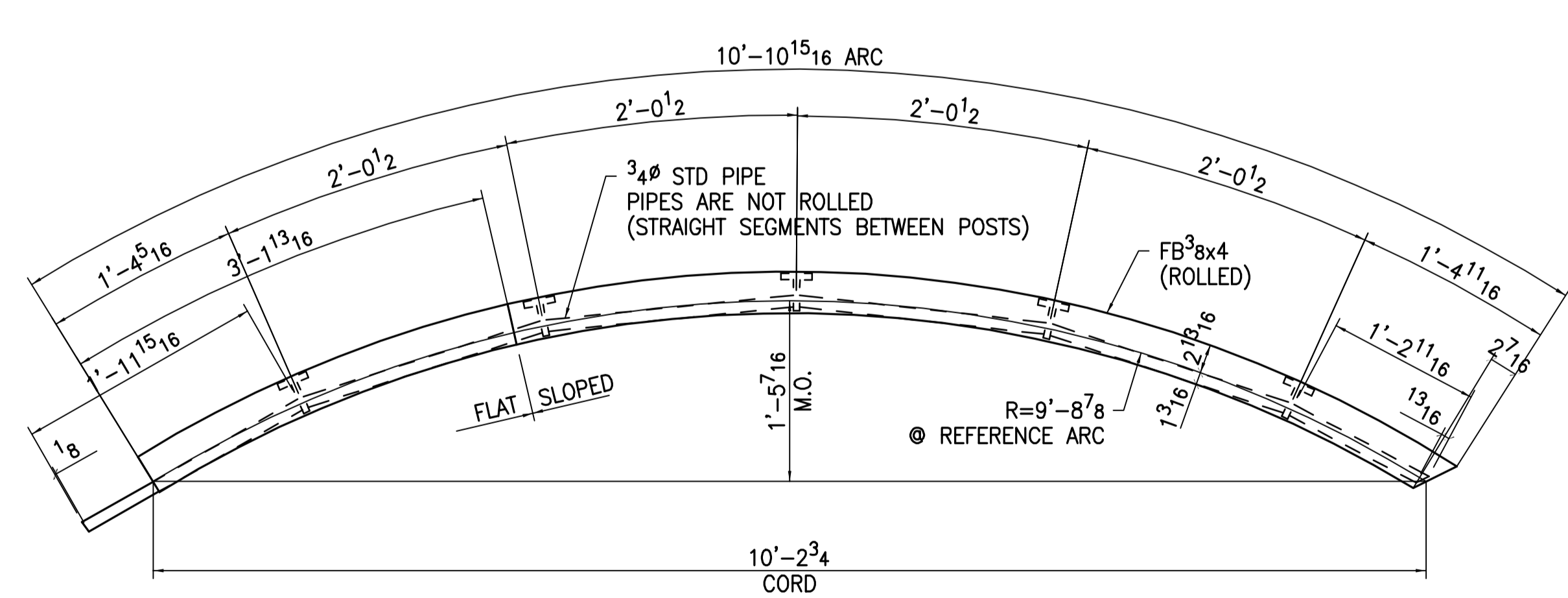
SHOP NOTE:
RAIL ASSEMBLIES ARE TO BE GALVANIZED
SEAL ALL WELDS, AND PROVIDE VENT HLS
IN 3/4 STD PIPE AS REQ'D

INFILL IS TO BE 1/4" STAINLESS
STEEL AIRCRAFT CABLE

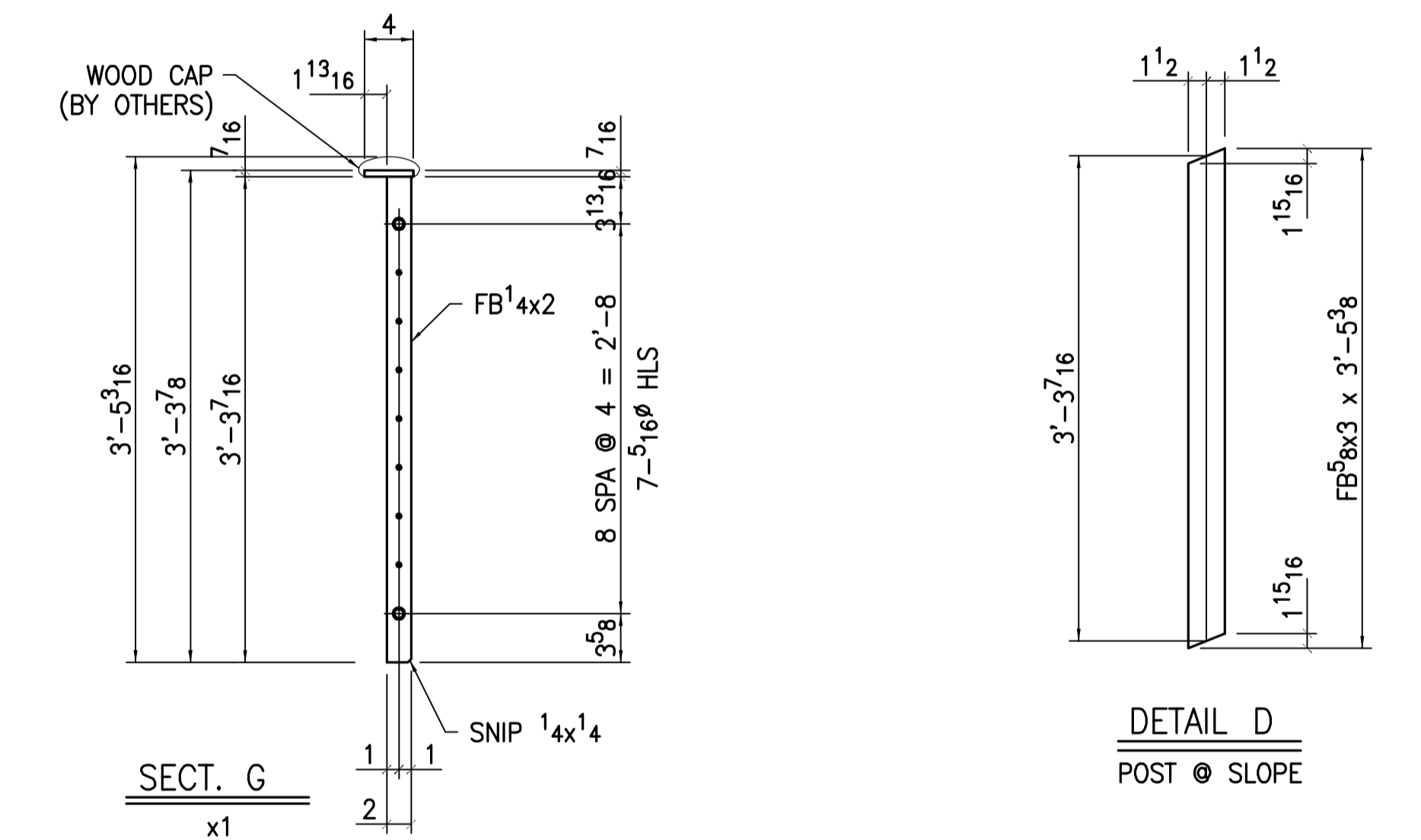
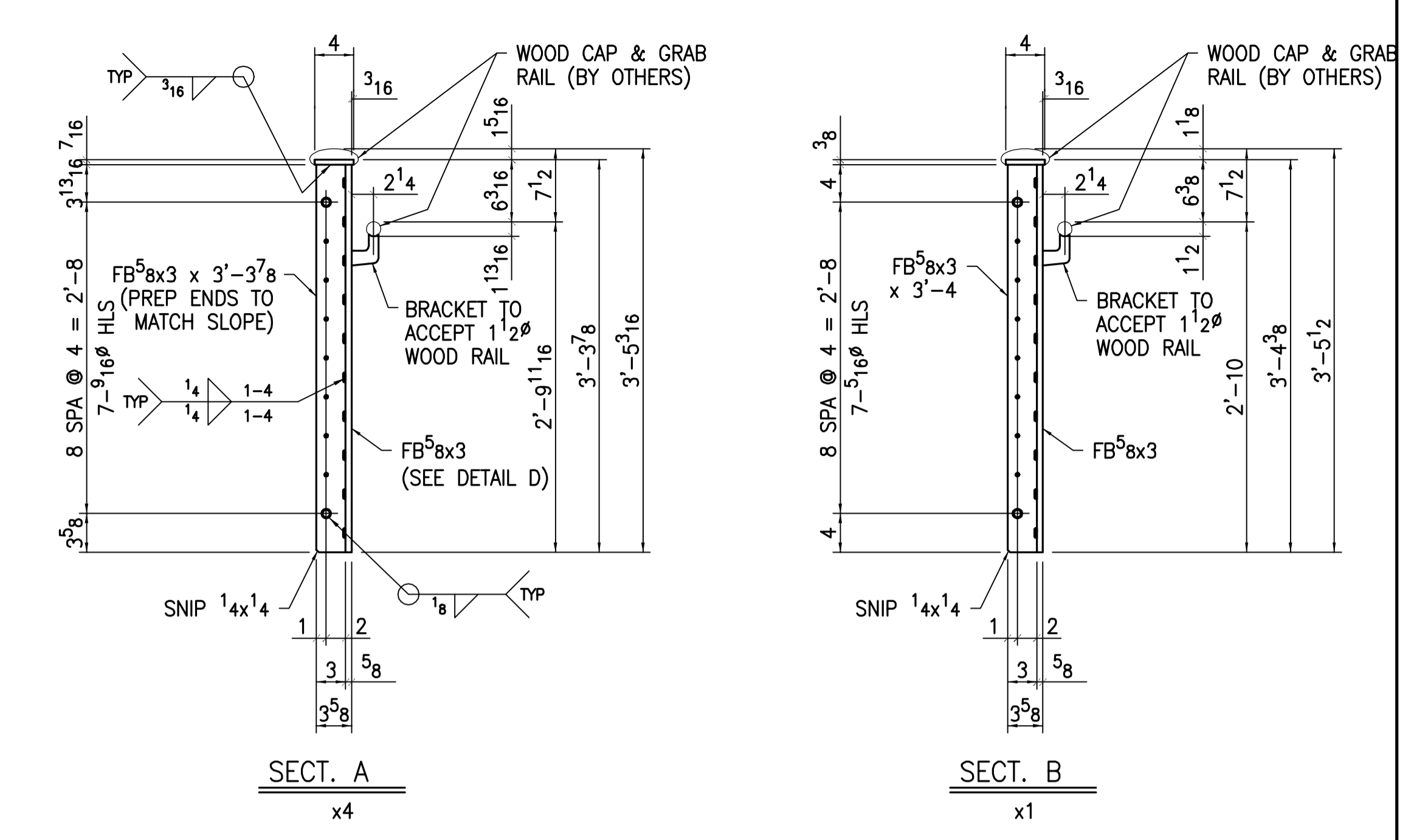
FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36		3.20.12		RELEASE FOR COORDINATION & FABRICATION	
PRINT REQUISITION					
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS
		1ST APPROVAL			APPR. AN REJ. PRINT
SURFACE PREP: SSPC-SP3					SHOP
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					ERECTION
STD. HOLES: 13/16 DIA.					
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS			DETAILS OF: STAIR RAILINGS		
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET			PROJECT:		
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.					
DRAWN BY: JST		DATE: 3.9.12		CHK'D BY:	DATE:
PROJECT NO. 1014				REV. NO. M33	



ONE - HANDRAIL - M35A
 CURVED



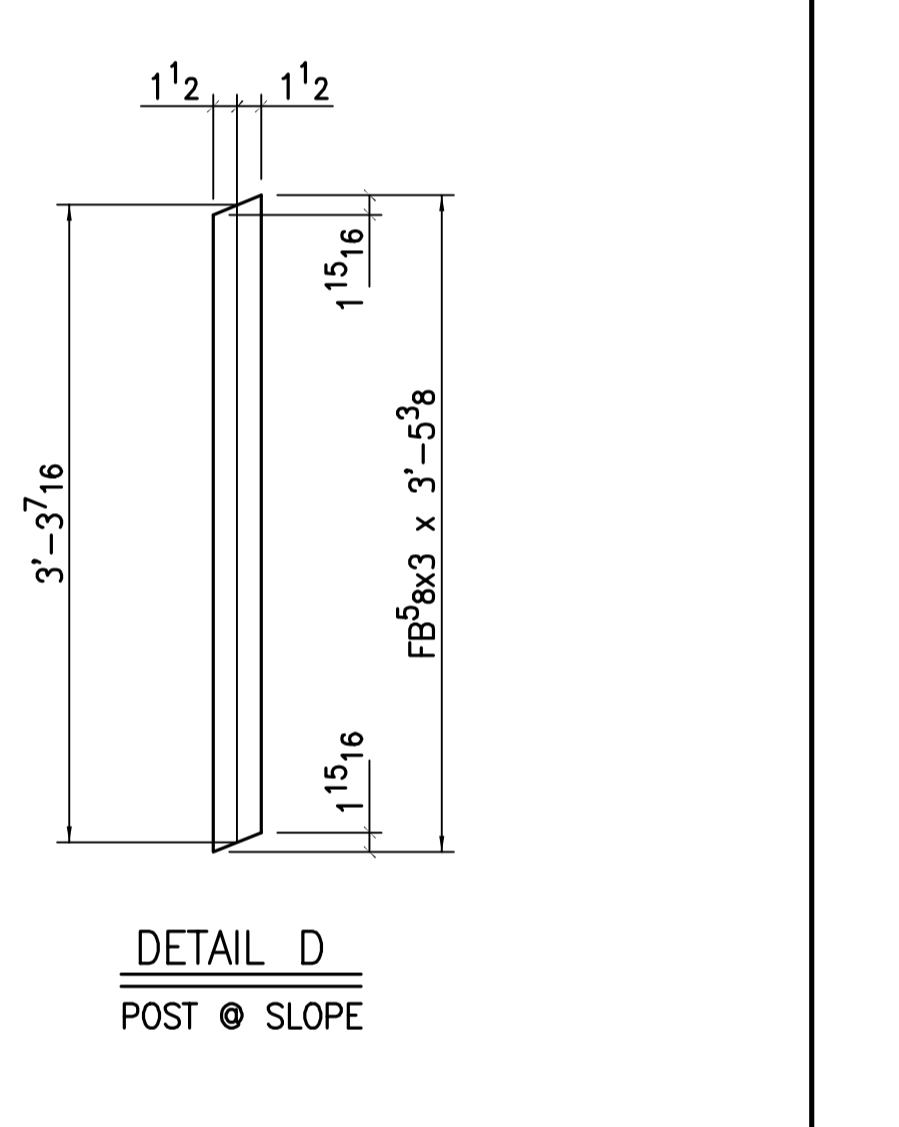
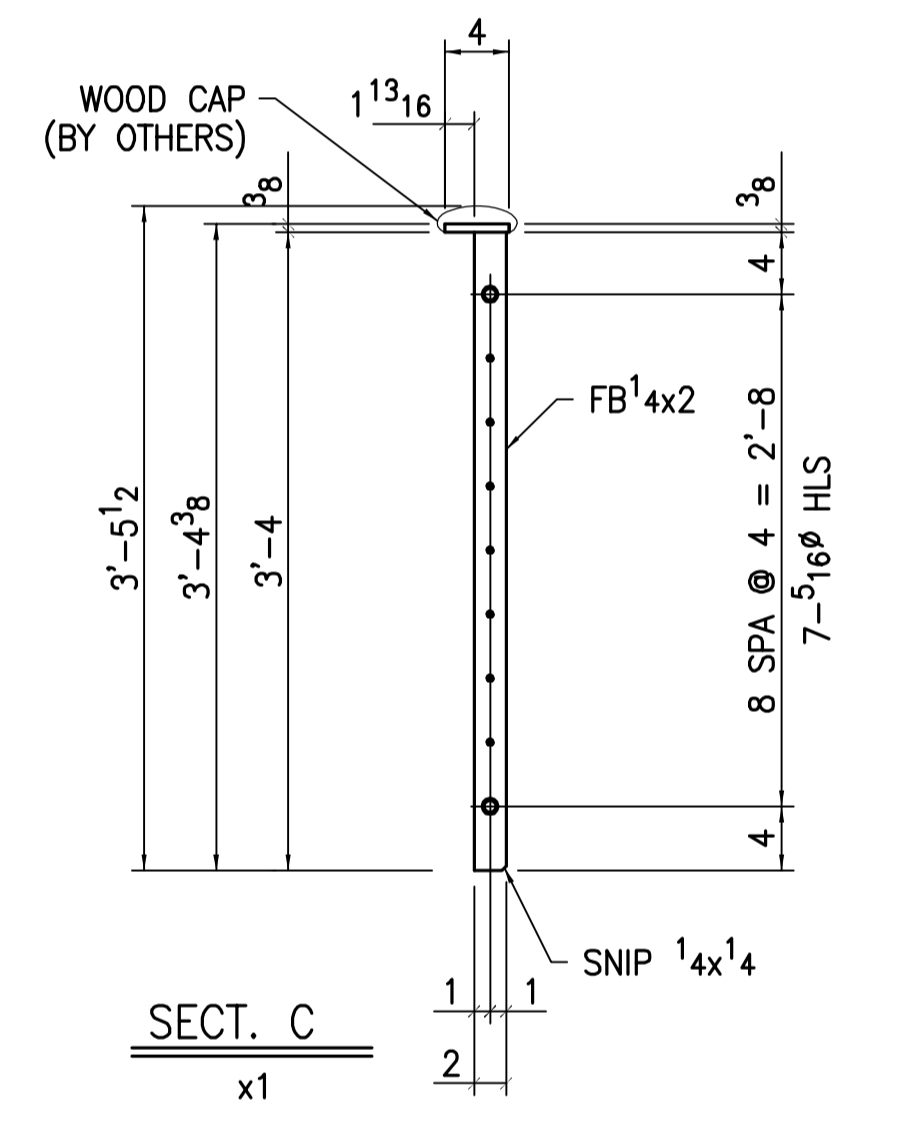
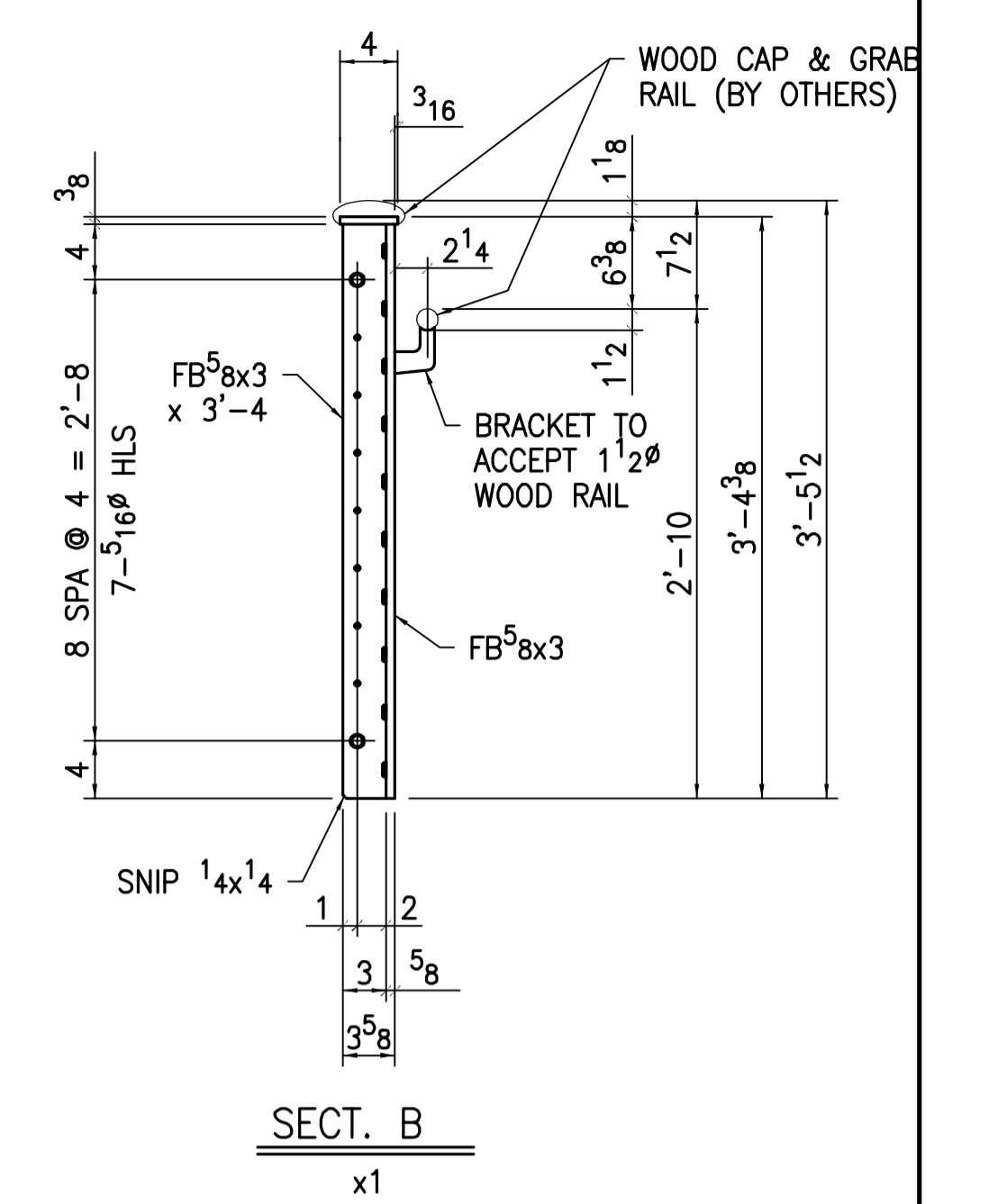
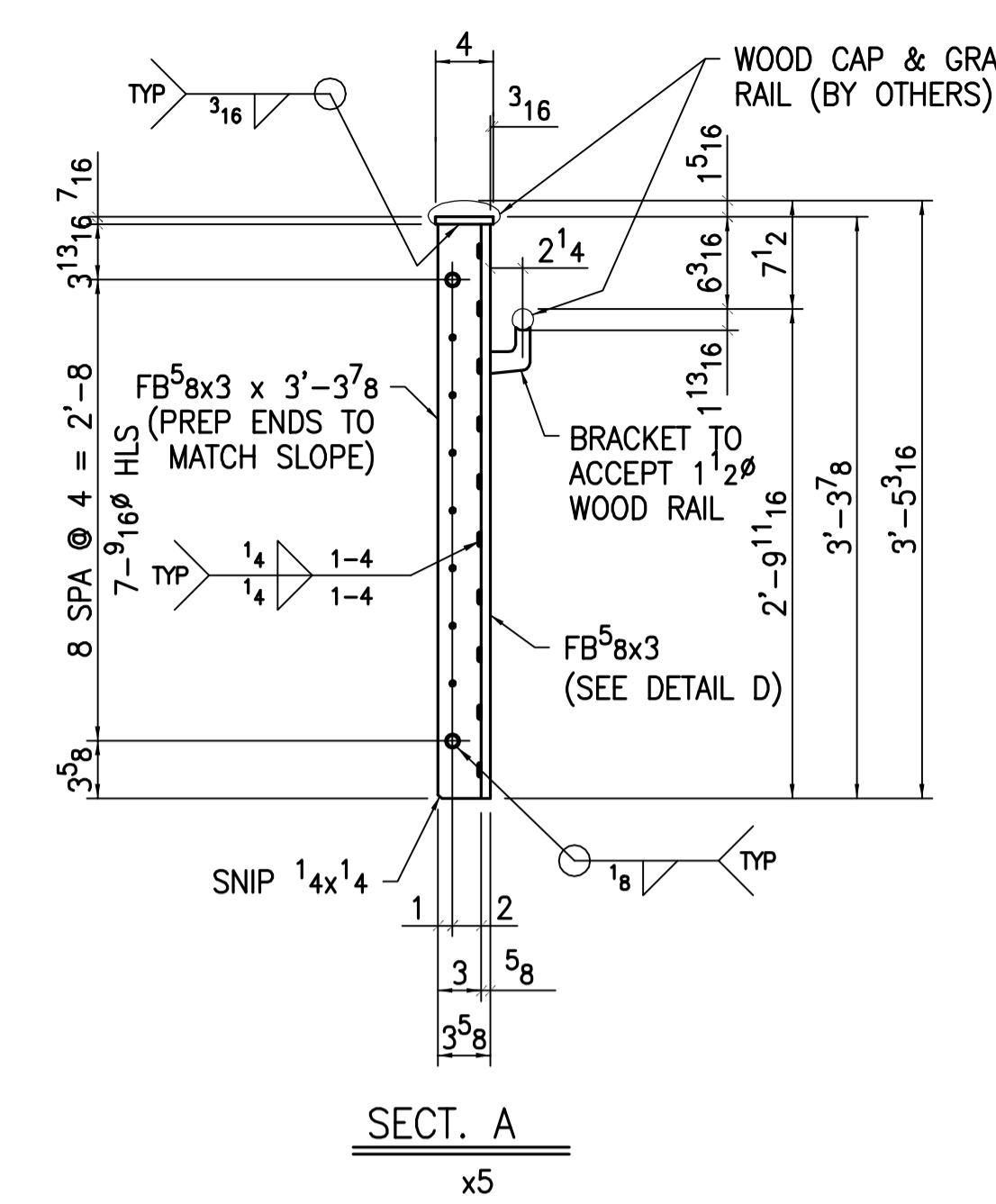
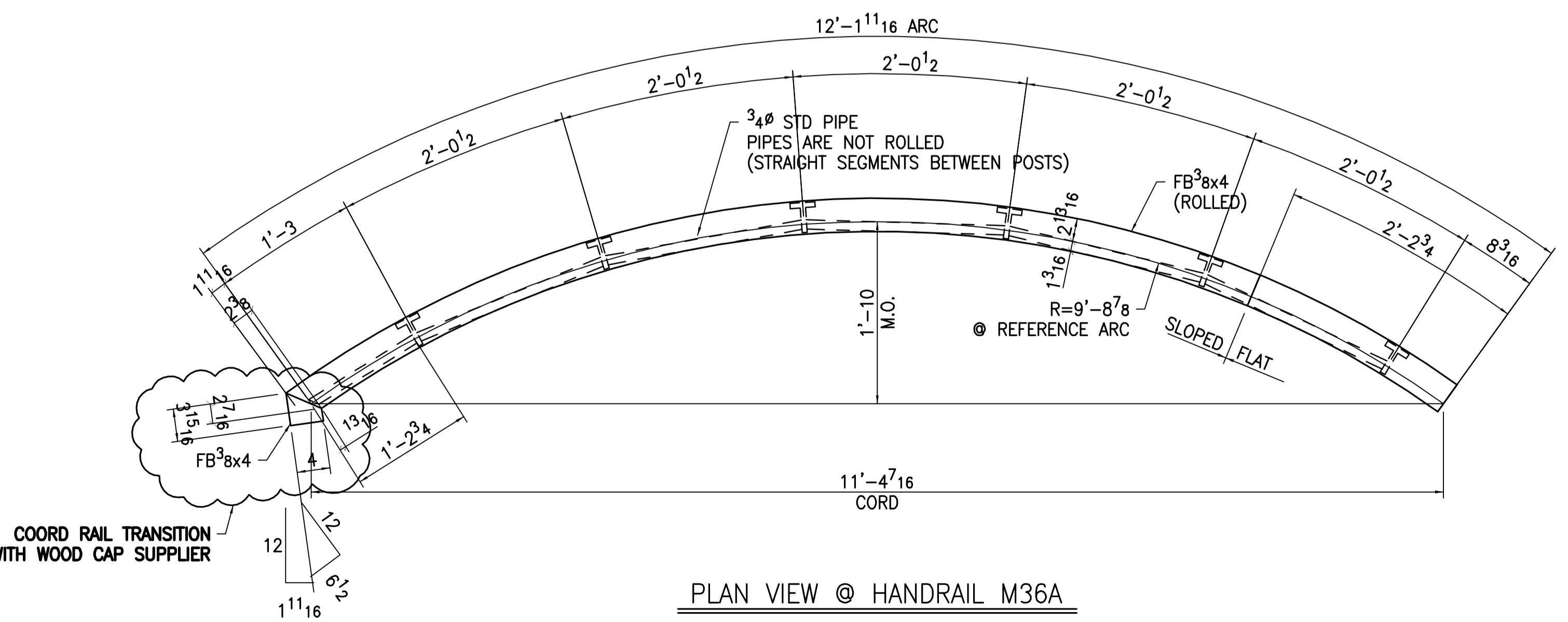
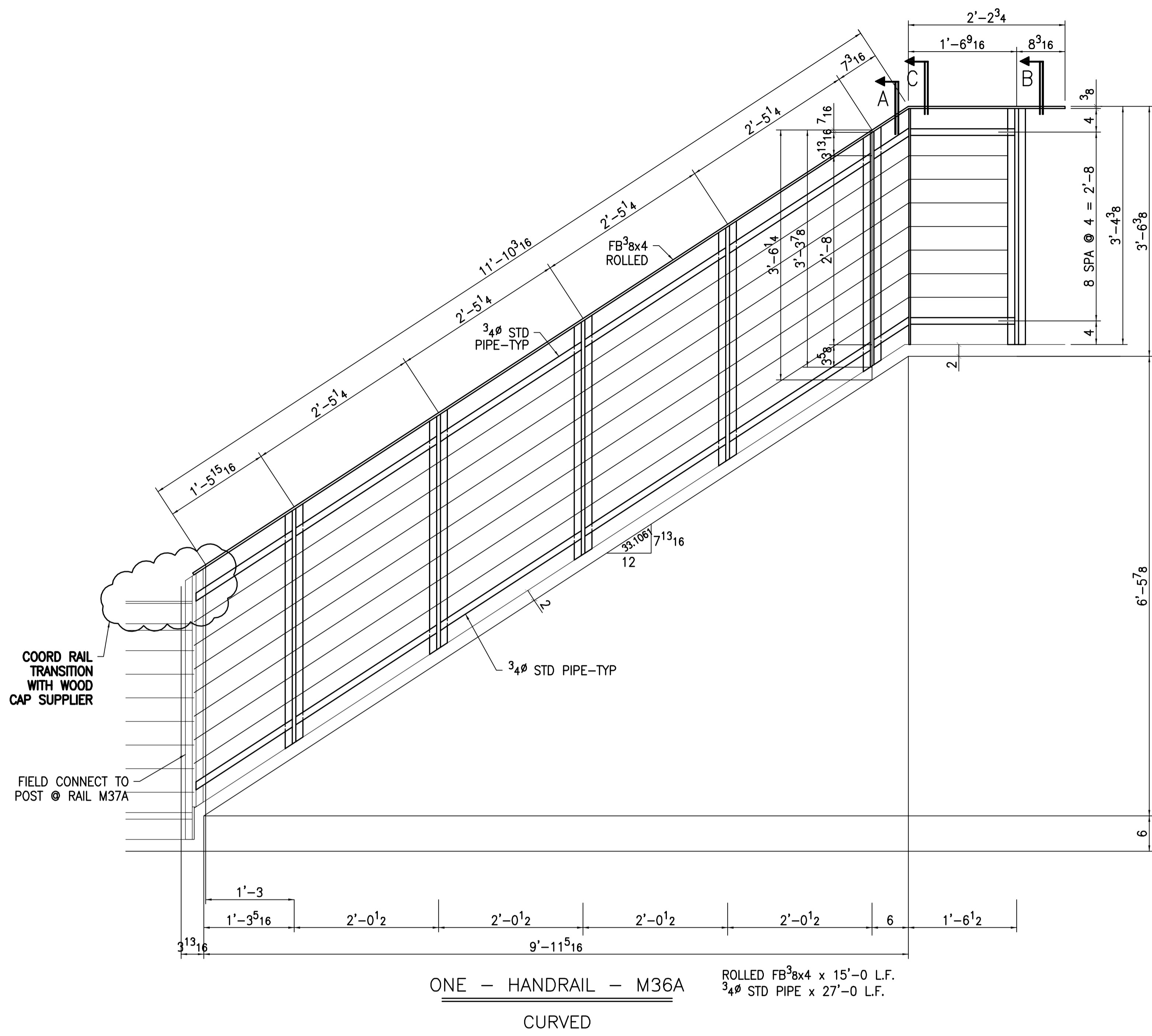
PLAN VIEW @ HANDRAIL M35A



SHOP NOTE:
 RAIL ASSEMBLIES ARE TO BE GALVANIZED
 SEAL ALL WELDS, AND PROVIDE VENT HLS
 IN 3/4 STD PIPE AS REQ'D

INFILL IS TO BE 1/4\"/>

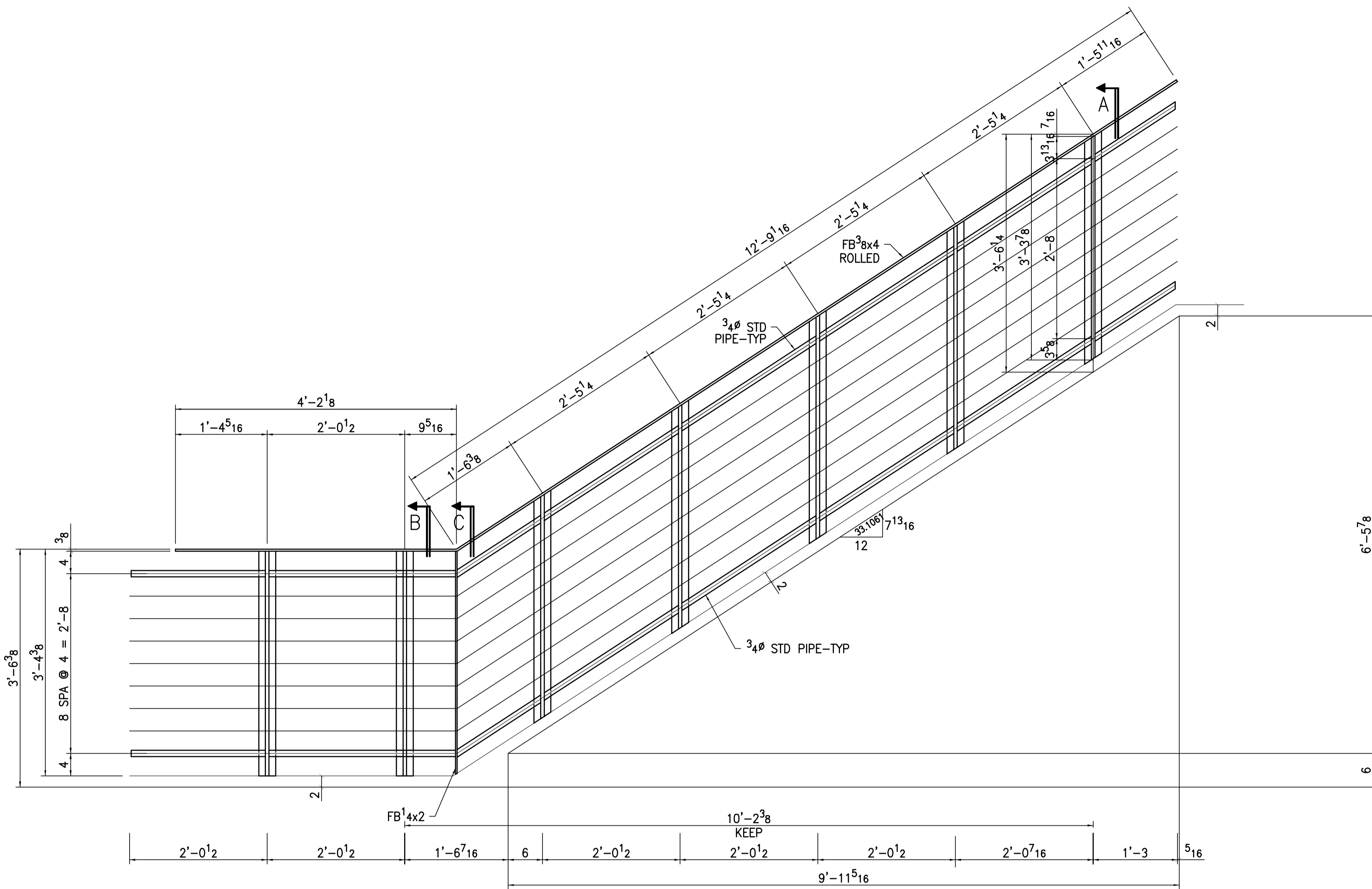
FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36		3.20.12		RELEASE FOR COORDINATION & FABRICATION	
PRINT REQUISITION					
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS
		1ST APPROVAL			APPR. / AN. / REJ.
SURFACE PREP: SSPC-SP3					PRINT
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					SHOP
STD. HOLES: 13/16 DIA.					ERECTION
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS		DETAILS OF: STAIR RAILINGS			
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET		PROJECT:			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.		LOCATION:		REV. NO.	
		ARCHITECT:			
		ENGINEER:			
		CONTRACTOR:			
DRAWN BY	JST	DATE:	3.11.12	CHK'D BY	DATE:
				PROJECT NO.	DWG. NO.
				1014	M35



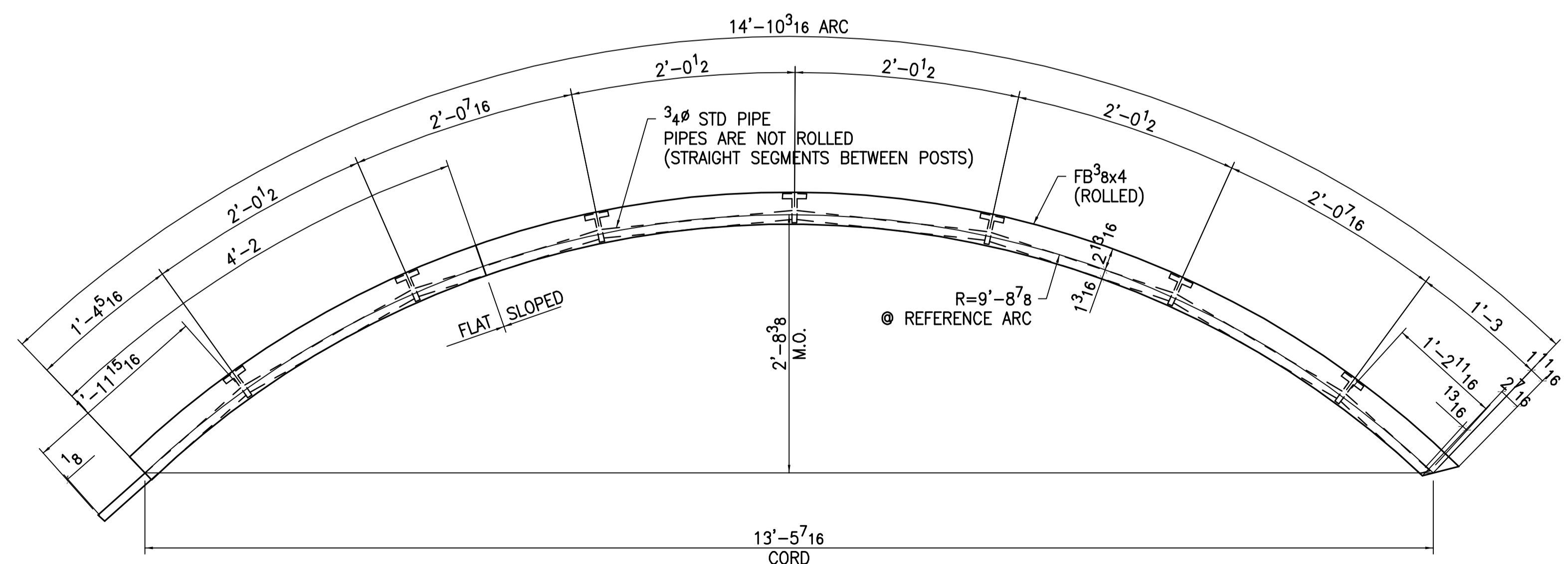
SHOP NOTE:
 RAIL ASSEMBLIES ARE TO BE GALVANIZED SEAL ALL WELDS, AND PROVIDE VENT HLS IN ³/₄ STD PIPE AS REQ'D

INFILL IS TO BE ¹/₄ STAINLESS STEEL AIRCRAFT CABLE

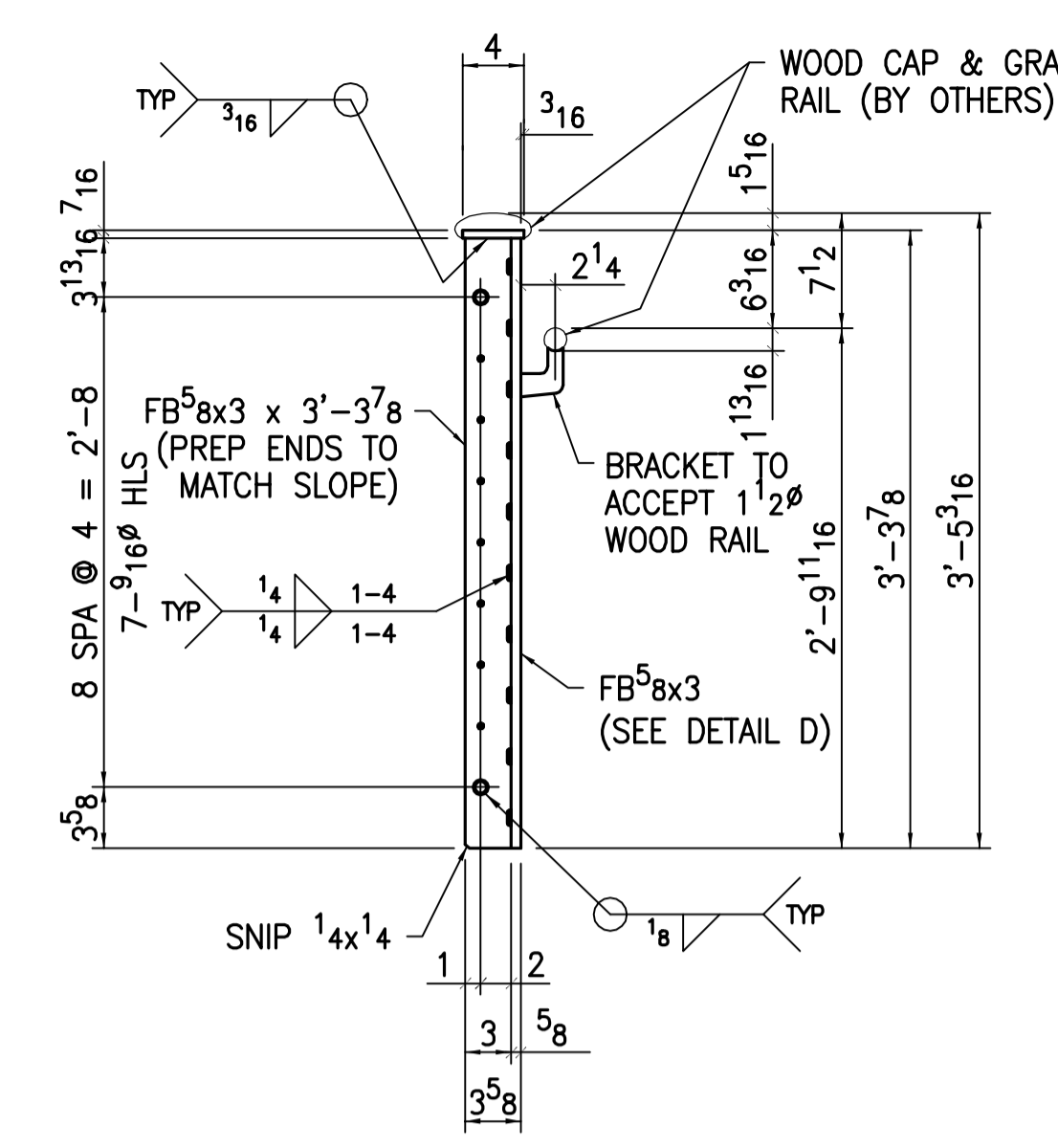
FABRICATION STANDARDS (U.N.)		REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36		3.20.12		RELEASE FOR COORDINATION & FABRICATION	
SURFACE PREP: SSPC-SP3					
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)					
STD. HOLES: 13/16 DIA.					
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS					
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET					
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.					
SEPA PRINT DESTINATION DATE OUT DATE IN STATUS APPR. AN T REJ PRINT DESTINATION DATE OUT 1ST APPROVAL DISTRIBUTION		DETAILS OF: STAIR RAILINGS			
PROJECT:		LOCATION:			
ARCHITECT:		ENGINEER:			
CONTRACTOR:		PROJECT NO. 1014			
DRAWN BY: JST		DATE: 3.11.12		CHK'D BY:	
DATE:		DATE:		DWG. NO. M36	



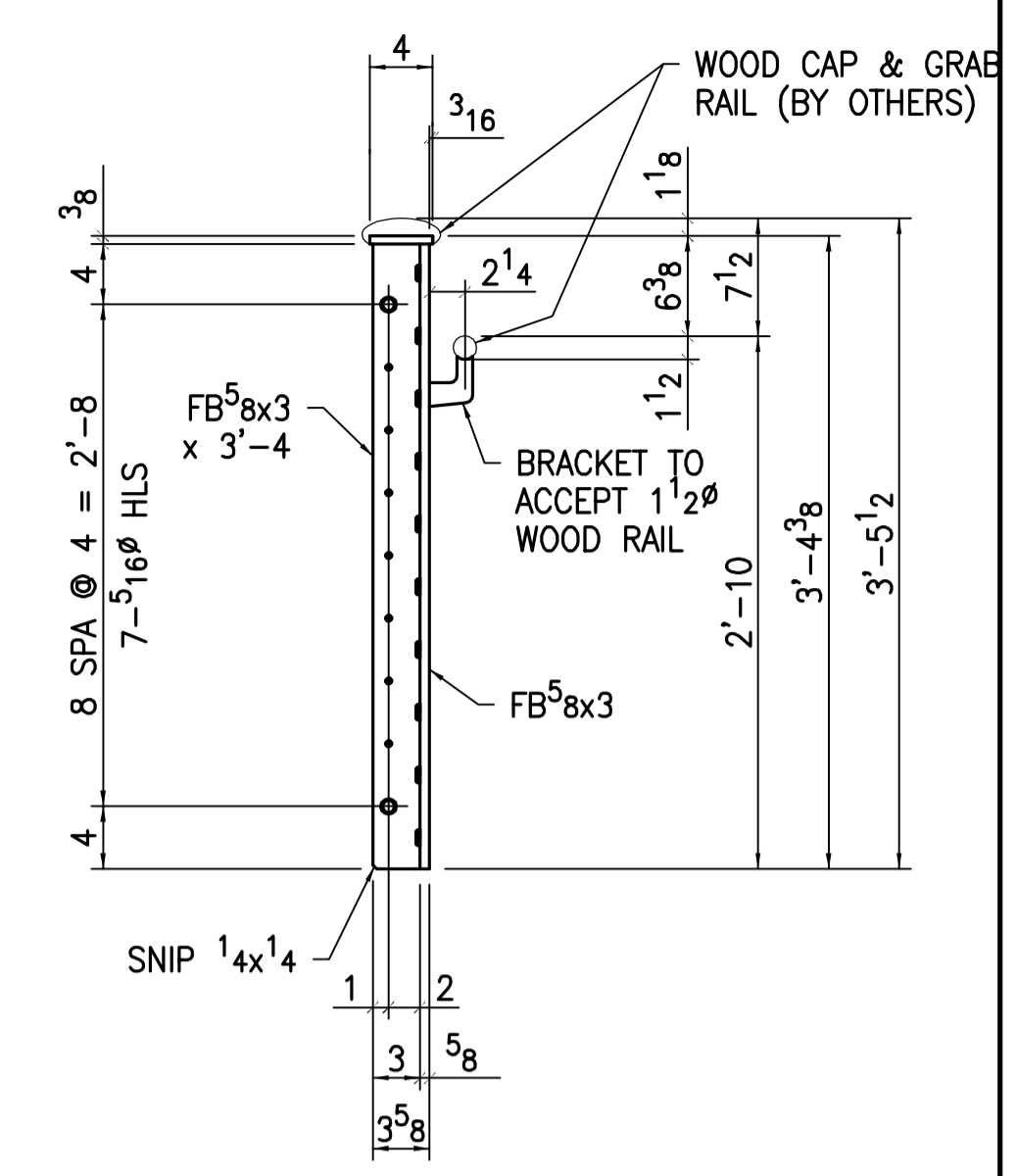
ONE - HANDRAIL - M38A
 CURVED



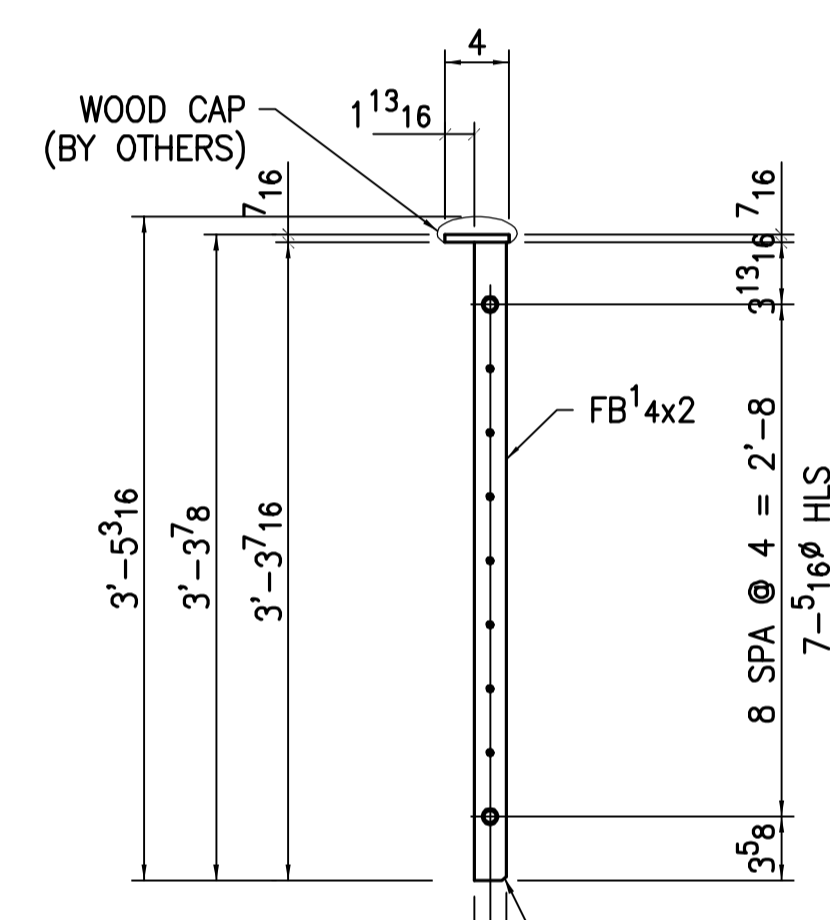
PLAN VIEW @ HANDRAIL M38A



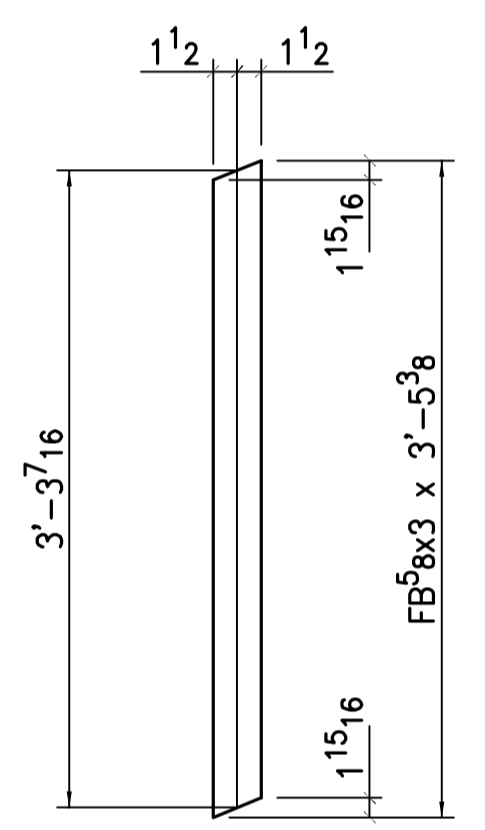
SECT. A
 x5



SECT. B
 x2



SECT. C
 x1

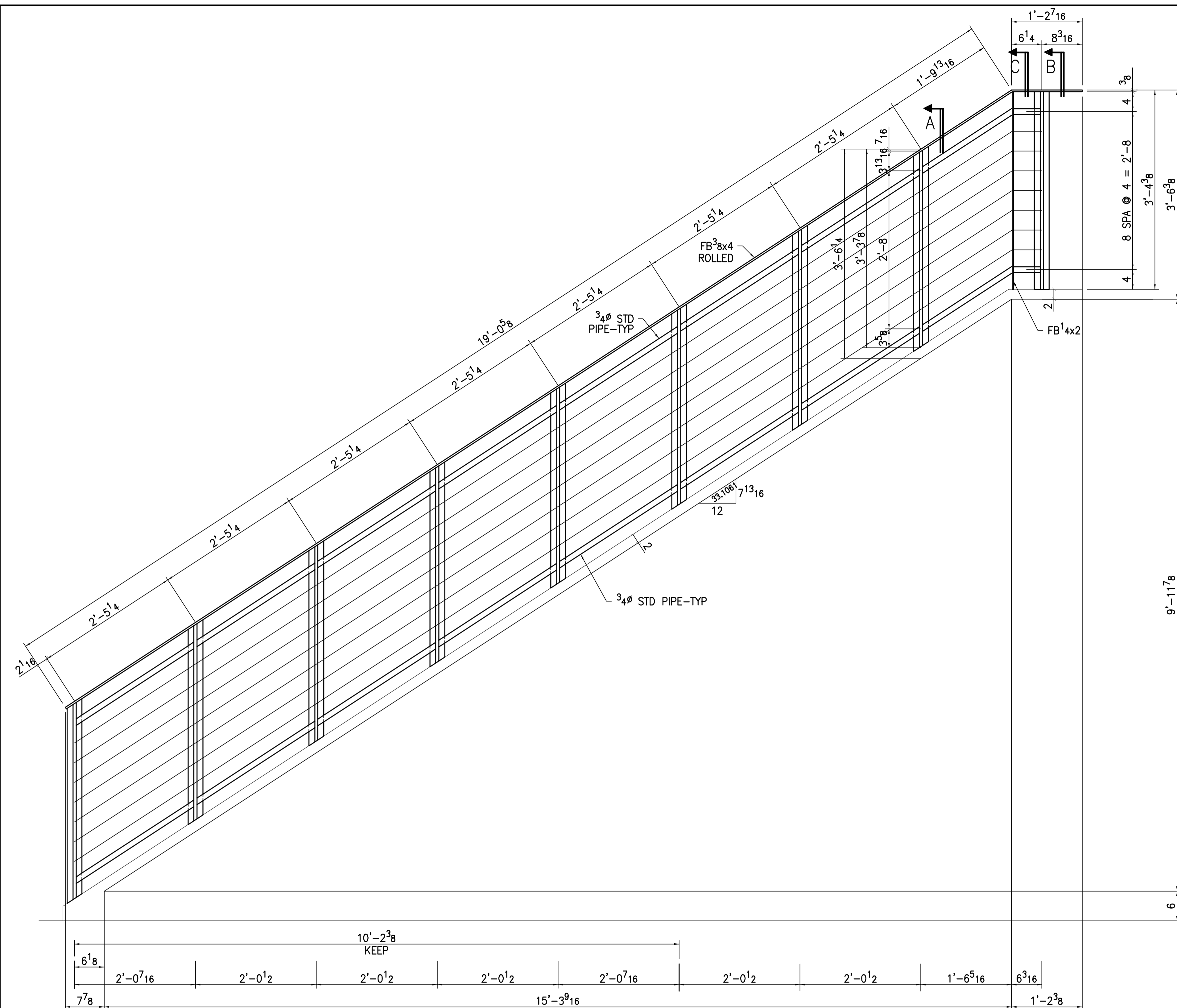


DETAIL D
 POST @ SLOPE

SHOP NOTE:
 RAIL ASSEMBLIES ARE TO BE GALVANIZED
 SEAL ALL WELDS, AND PROVIDE VENT HLS
 IN 3/4 STD PIPE AS REQ'D

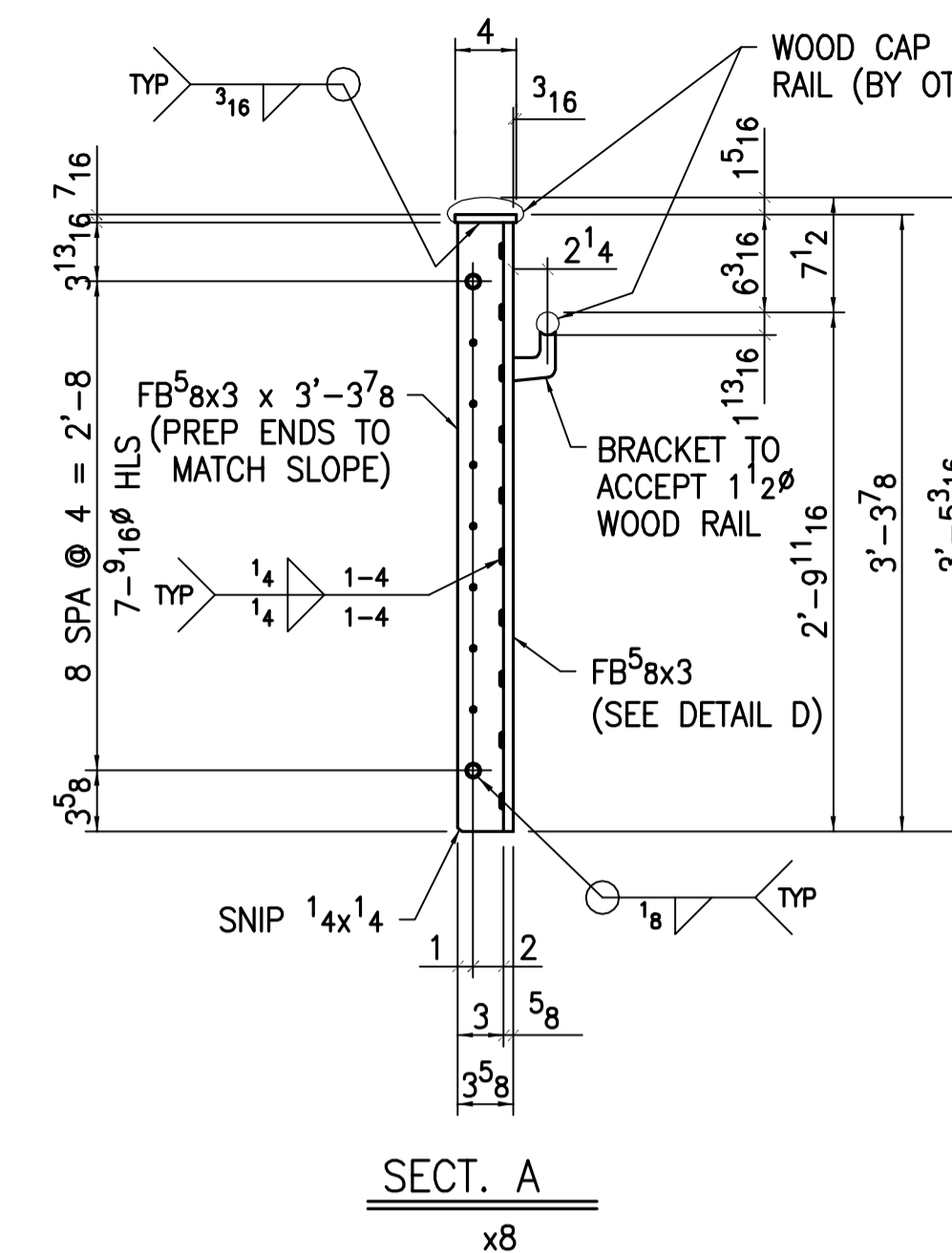
INFILL IS TO BE 1/4 STAINLESS
 STEEL AIRCRAFT CABLE

FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36	3.20.12		RELEASE FOR COORDINATION & FABRICATION	
SURFACE PREP: SSPC-SP3				
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)				
STD. HOLES: 13/16 DIA.				
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS				
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET				
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.				
LOCATION:				
ARCHITECT:				
ENGINEER:				
CONTRACTOR:				
DRAWN BY: JST	DATE: 3.12.12	CHK'D BY:	DATE:	
				REV. NO.
				PROJECT NO. 1014
				DWG. NO. M38

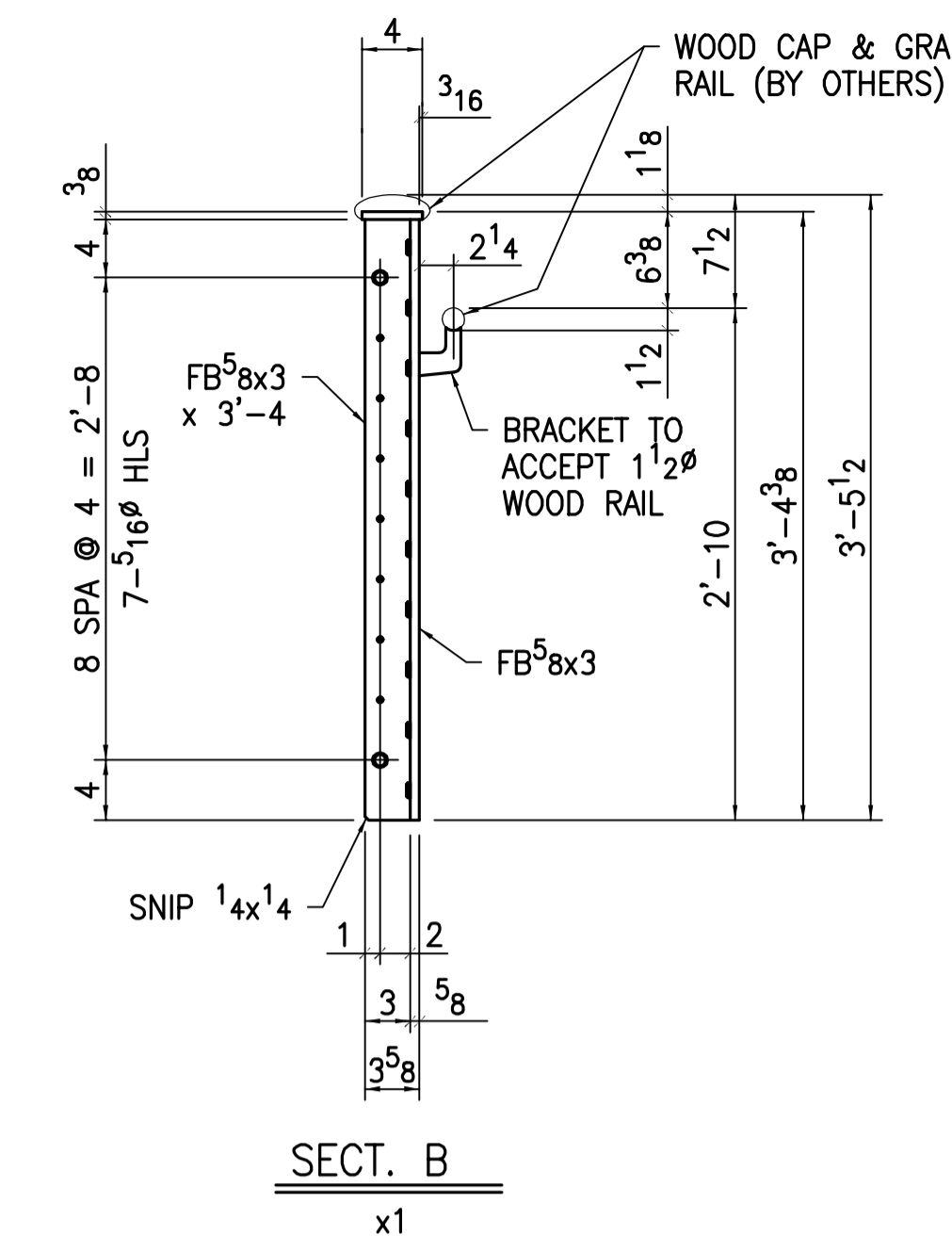


ONE — HANDRAIL — M39A
 CURVED
 SEE DRAWING M40 FOR PLAN VIEW

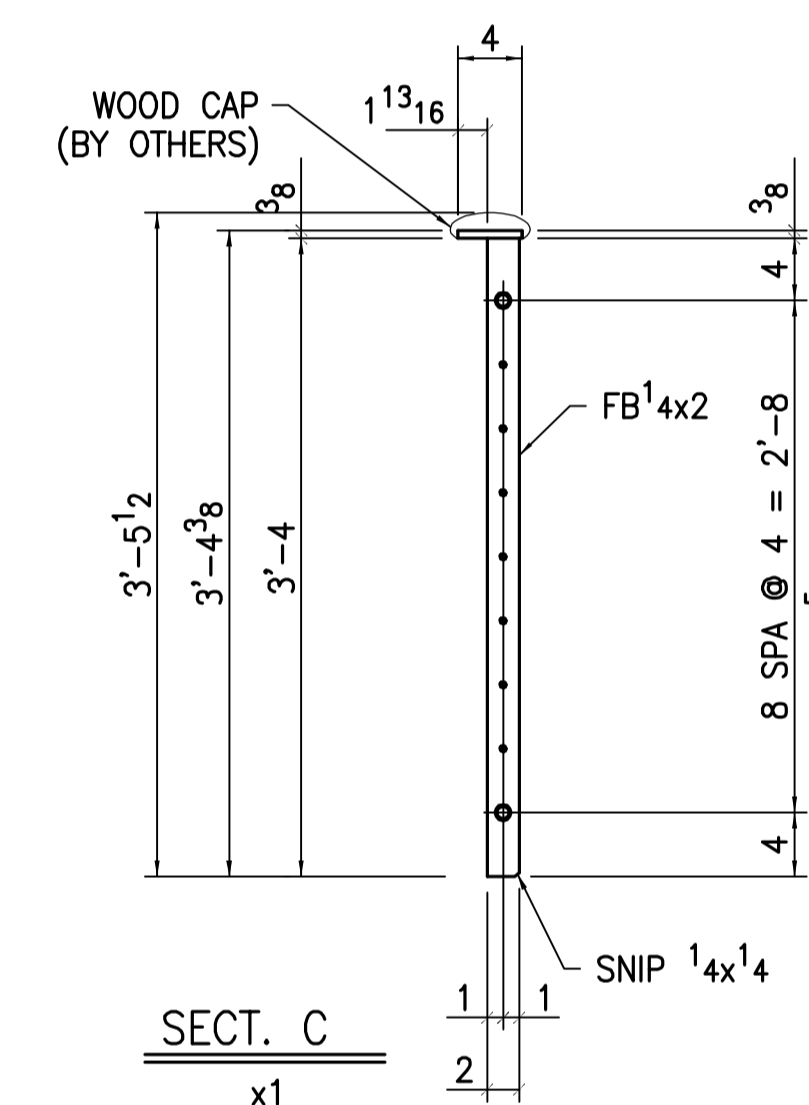
ROLLED FB³8x4 x 30'-0 L.F.
 3/4" STD PIPE x 60'-0 L.F.



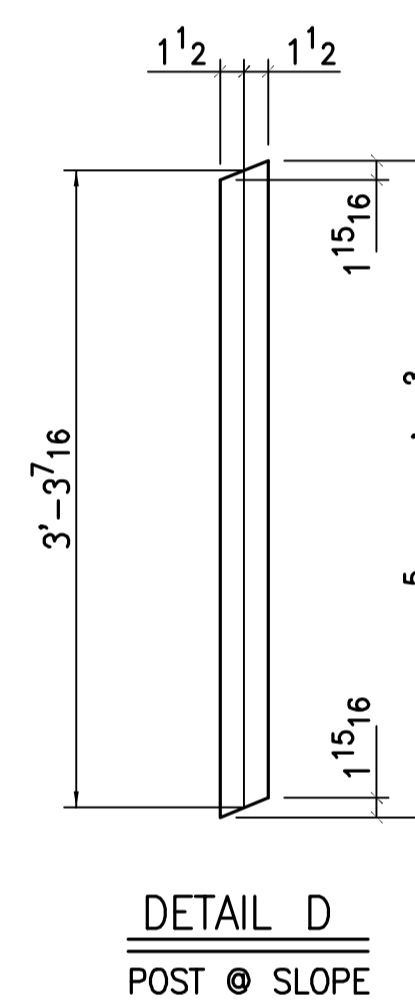
SECT. A
x8



SECT. B
x1



SECT. C
x1

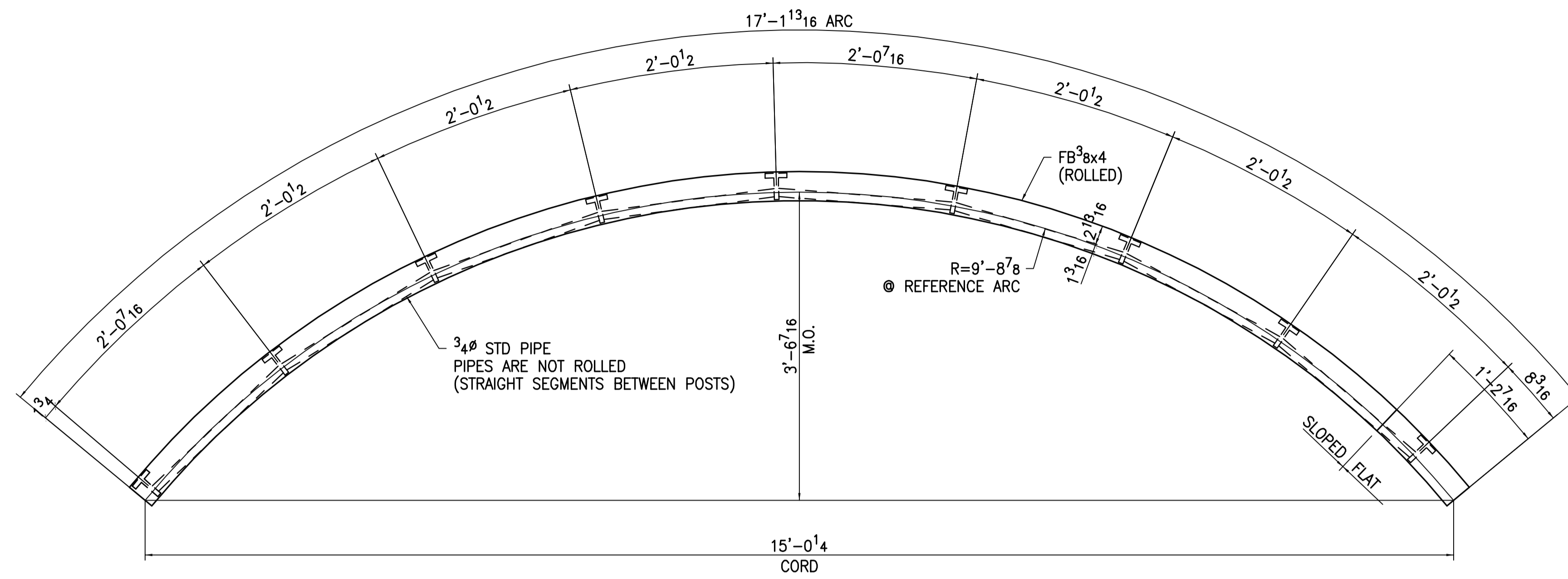


DETAIL D
POST @ SLOPE

SHOP NOTE:
 RAIL ASSEMBLIES ARE TO BE GALVANIZED
 SEAL ALL WELDS, AND PROVIDE VENT HLS
 IN 3/4" STD PIPE AS REQ'D

INFILL IS TO BE 1/4" STAINLESS
 STEEL AIRCRAFT CABLE

FABRICATION STANDARDS (U.N.)	REVNO.	DATE	REVISION DESCRIPTION	BY																																				
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36	3.20.12		RELEASE FOR COORDINATION & FABRICATION																																					
SURFACE PREP: SSPC-SP3																																								
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)																																								
STD. HOLES: 13/16 DIA.																																								
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS																																								
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET																																								
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.																																								
<table border="1"> <thead> <tr> <th>SEPA</th> <th>PRINT</th> <th>DESTINATION</th> <th>DATE OUT</th> <th>DATE IN</th> <th>STATUS</th> <th>APPR</th> <th>AN</th> <th>REJ</th> <th>PRINT</th> <th>DESTINATION</th> <th>DATE OUT</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1ST APPROVAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHOP</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ERECTION</td> <td></td> </tr> </tbody> </table>					SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	APPR	AN	REJ	PRINT	DESTINATION	DATE OUT			1ST APPROVAL								SHOP												ERECTION	
SEPA	PRINT	DESTINATION	DATE OUT	DATE IN	STATUS	APPR	AN	REJ	PRINT	DESTINATION	DATE OUT																													
		1ST APPROVAL								SHOP																														
										ERECTION																														
<table border="1"> <thead> <tr> <th>PROJECT:</th> <th>LOCATION:</th> <th>ARCHITECT:</th> <th>ENGINEER:</th> <th>CONTRACTOR:</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					PROJECT:	LOCATION:	ARCHITECT:	ENGINEER:	CONTRACTOR:																															
PROJECT:	LOCATION:	ARCHITECT:	ENGINEER:	CONTRACTOR:																																				
<table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> <th>CHK'D BY</th> <th>DATE</th> <th>PROJECT NO.</th> <th>DWG. NO.</th> </tr> </thead> <tbody> <tr> <td>JST</td> <td>3.12.12</td> <td></td> <td></td> <td>1014</td> <td>M39</td> </tr> </tbody> </table>					DRAWN BY	DATE	CHK'D BY	DATE	PROJECT NO.	DWG. NO.	JST	3.12.12			1014	M39																								
DRAWN BY	DATE	CHK'D BY	DATE	PROJECT NO.	DWG. NO.																																			
JST	3.12.12			1014	M39																																			



PLAN VIEW @ HANDRAIL M39A

SHOP NOTE:
RAIL ASSEMBLIES ARE TO BE GALVANIZED
SEAL ALL WELDS, AND PROVIDE VENT HLS
IN 3/4 STD PIPE AS REQ'D

INFILL IS TO BE 1/4 STAINLESS
STEEL AIRCRAFT CABLE

FABRICATION STANDARDS (U.N.)	REV. NO.	DATE	REVISION DESCRIPTION	BY
MATERIAL: W-SHAPES - ASTM A992 CHANNELS - ASTM A36 RECT. HSS - ASTM A500 GR.B PIPE - ASTM A53 GR.B CONN. MATERIAL - ASTM A36				
	3.20.12		RELEASE FOR COORDINATION & FABRICATION	
PRINT REQUISITION				
SURFACE PREP: SSPC-SP3	SEPA	PRINT	DESTINATION	DATE OUT
			1ST APPROVAL	
SHOP PAINT: 1 S/C RED OXIDE PRIMER (U.N.)				SHOP
STD. HOLES: 13/16 DIA.			DISTRIBUTION	ERECTION
STD. SHOP&FIELD FASTENER: 3/4 DIA. A325 BOLTS	DETAILS OF: STAIR RAILINGS			
STD. SHOP&FIELD WELD: E70XXLH 1/4 FILLET	PROJECT:			
THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE A.I.S.C. CODE OF STANDARD PRACTICES. SPECIAL ATTENTION IS PAID TO PARAGRAPHS 1.5.1 / 3.1. THESE DRAWINGS MUST BE APPROVED WITHIN 14 DAYS PER PARAGRAPHS 4.4 / 4.4.1 / 4.4.2.	LOCATION:			
	ARCHITECT:			
	ENGINEER:			
	CONTRACTOR:			
DRAWN BY: JST	DATE: 3.12.12	CHK'D BY:	DATE:	PROJECT NO. 1014
				DWG. NO. M40