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39790	E	PLAN VIEW AND ELEVATIONS	D
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MERRILL INDUSTRIES
 FRAME SUPPORTED MEMBRANE STRUCTURE
 MERRILL MARINE TERMINAL
 PORTLAND, ME

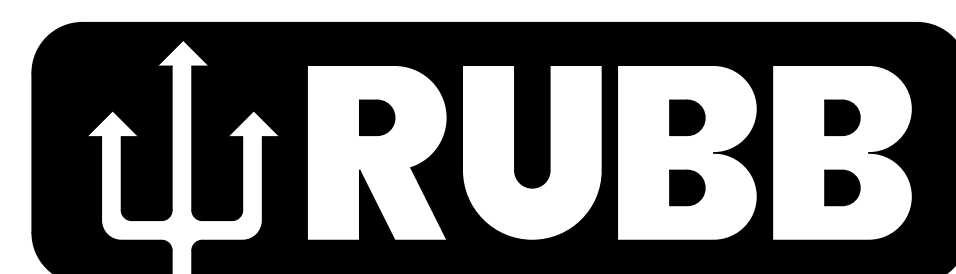
170'-0" x 319'-8" BVE BUILDING

"RUBB VII"

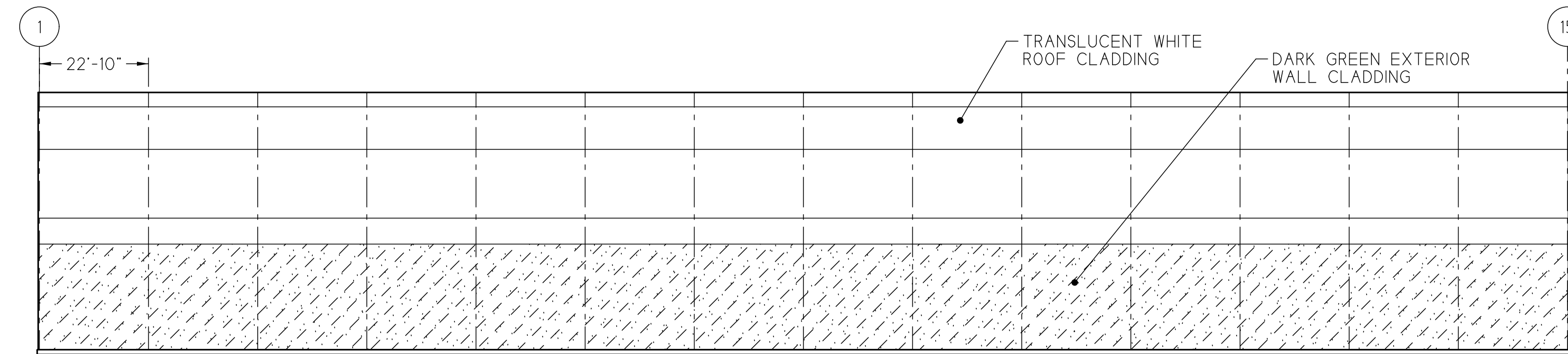
Rubb Job Number: 05014

Design Loads

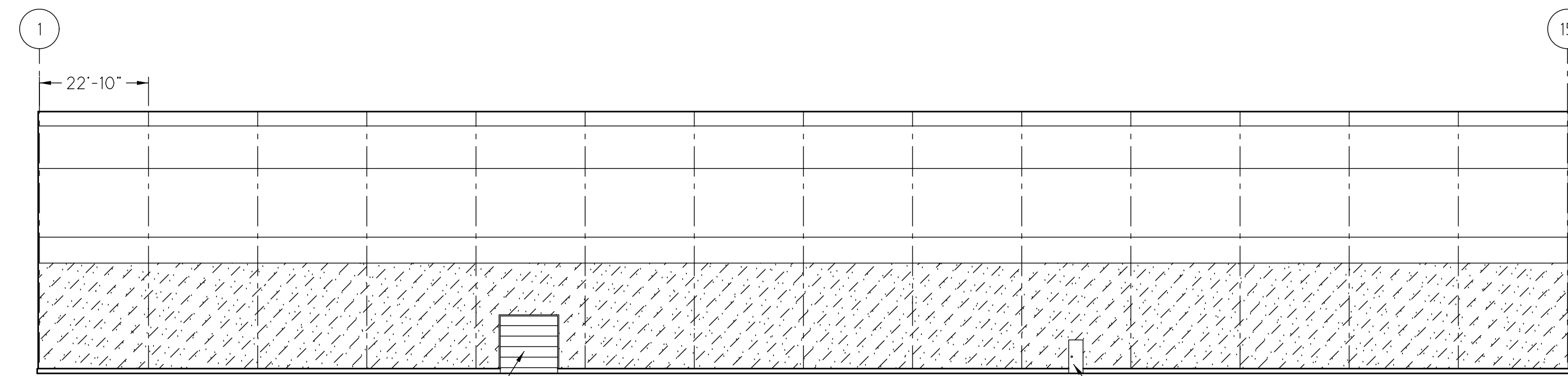
IBC 2003
 100 mph 3 sec gust Wind, Exposure C
 50 psf Ground Snow Load
 2 psf Collateral Load



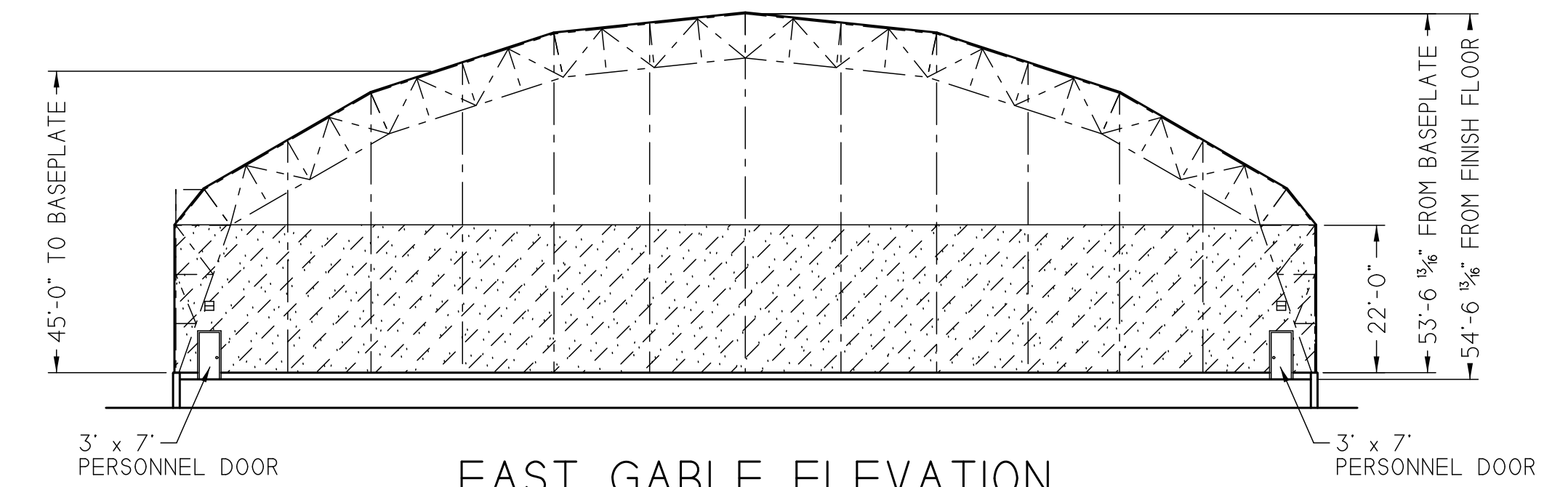
BUILDING SYSTEMS



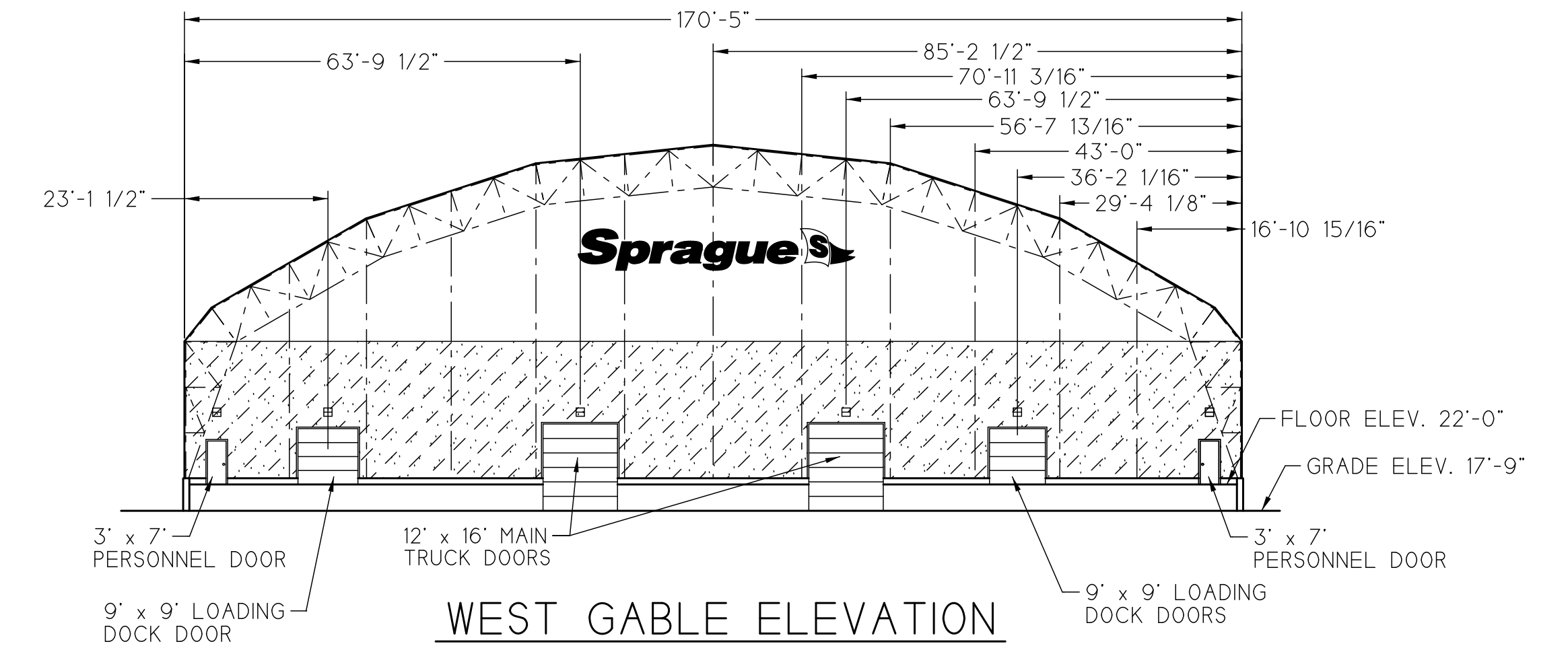
NORTH SIDE ELEVATION



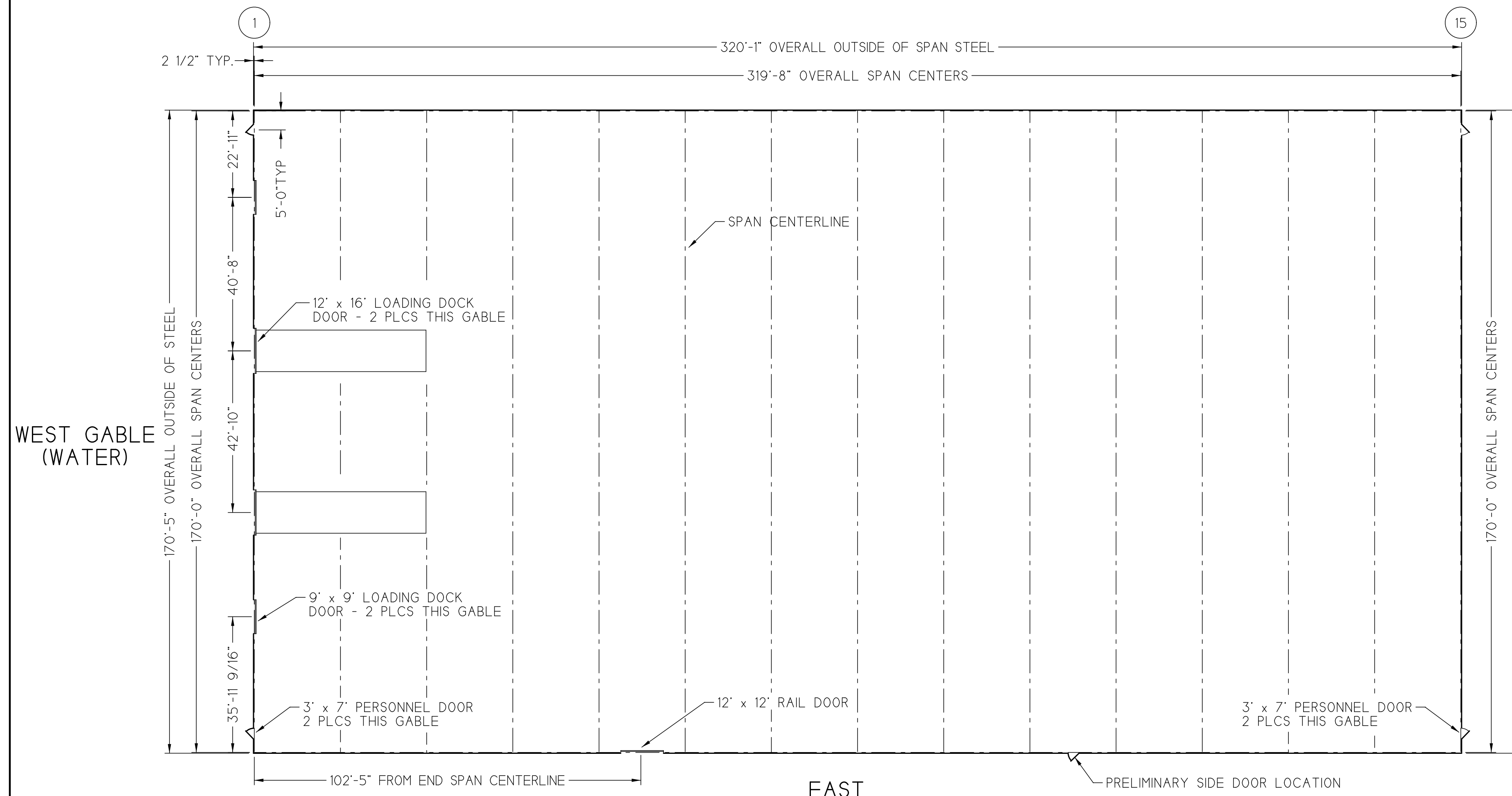
SOUTH SIDE ELEVATION



EAST GABLE ELEVATION



WEST GABLE ELEVATION



PLAN VIEW

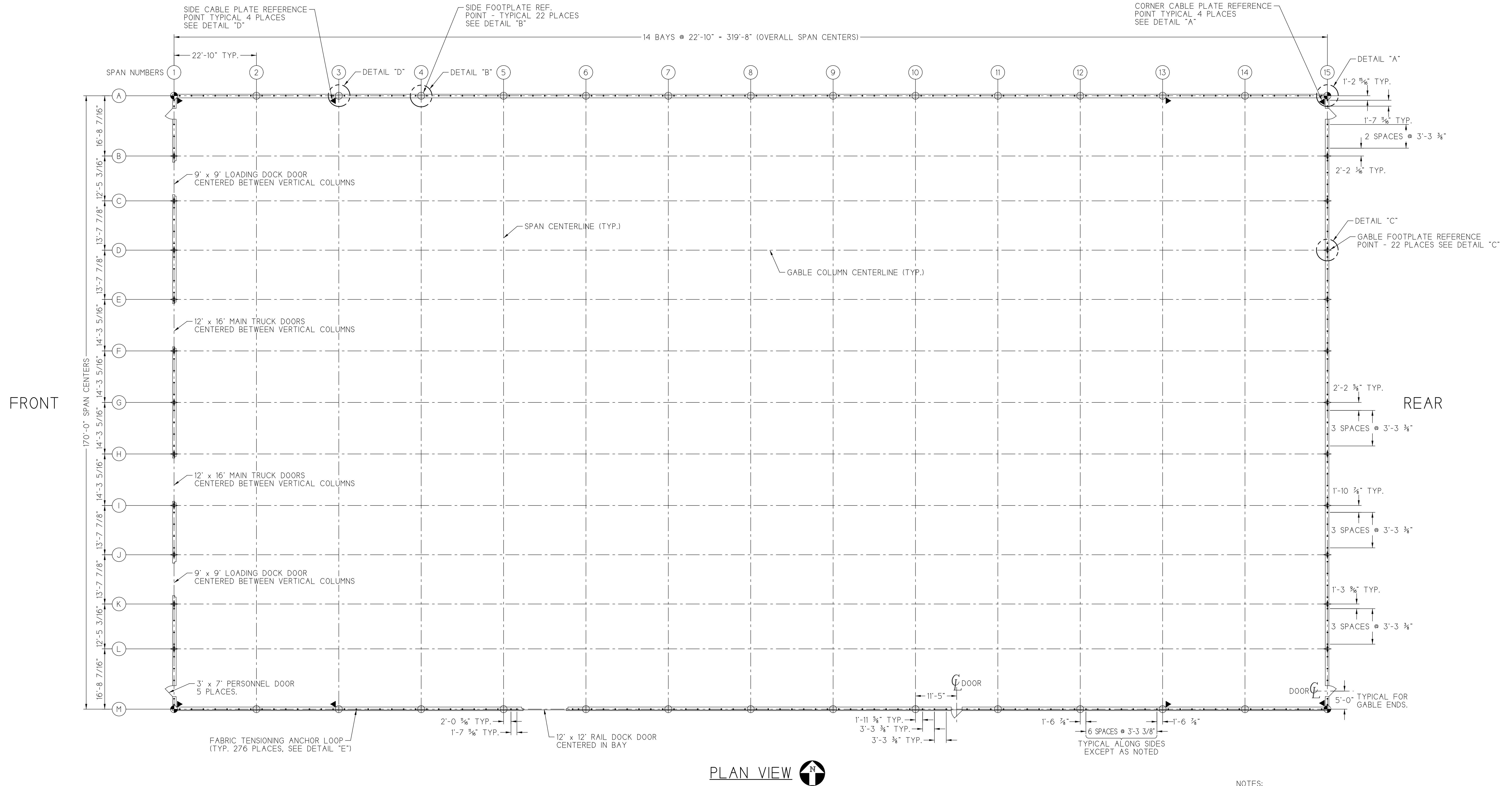


WEST GABLE (WATER)

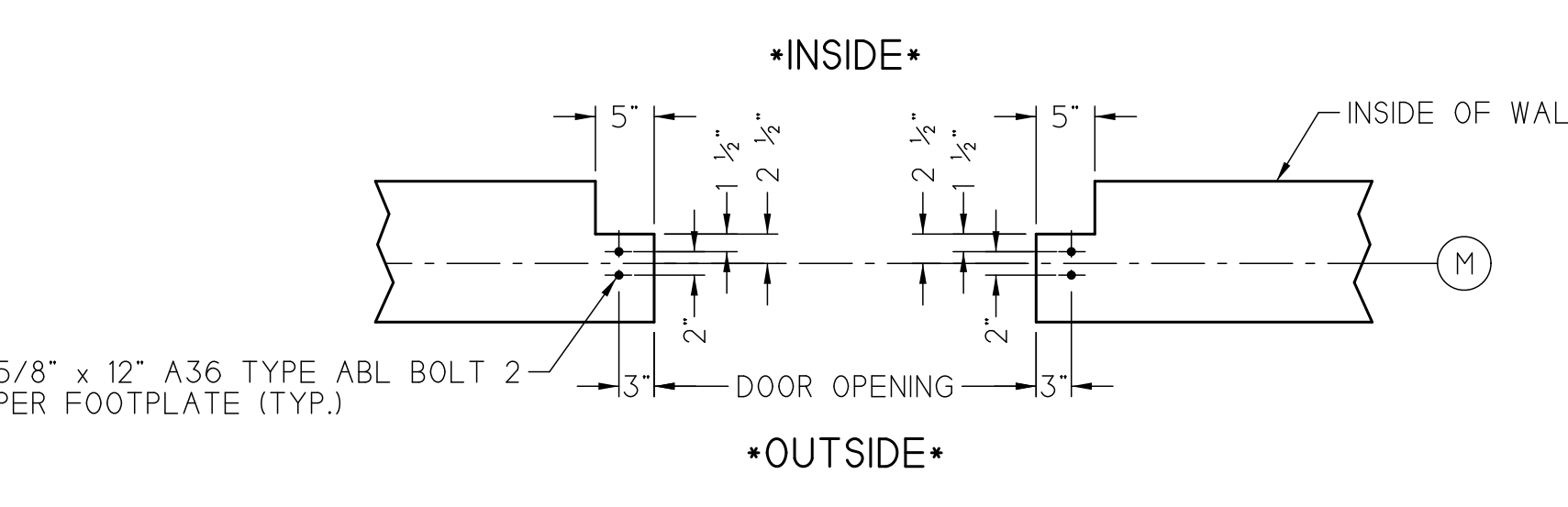
EAST GABLE

- 1.) COVERING MATERIAL IS A PVC IMPREGNATED POLYESTER WEAVE FABRIC SELF EXTINGUISHING TO FEDERAL TEST STANDARD 91 METHOD 5903 AND COMPLIES WITH NFPA STANDARD 701 UBC 55-1 AND CALIFORNIA STATE FIRE MARSHALL'S OFFICE.
- 2.) STRUCTURAL FRAMEWORK IS POST PRODUCTION HOT DIP GALVANIZED TUBULAR STEEL TRUSS FRAMES INTERCONNECTED WITH GALVANIZED TUBULAR STEEL PURLINS AND FRAMES. STEEL PLATE AND SHAPES ARE A36. STEEL TUBING IS A500.
- 3.) STRUCTURAL LOADS: IBC 2003
WIND LOAD: 100 mph 3 SEC GUST EXPOSURE C Iw=0.87
ROOF LIVE LOAD: 30 psf GROUND SNOW LOAD: 50 psf. Is= 0.80
2 psf COLLATERAL LOAD.

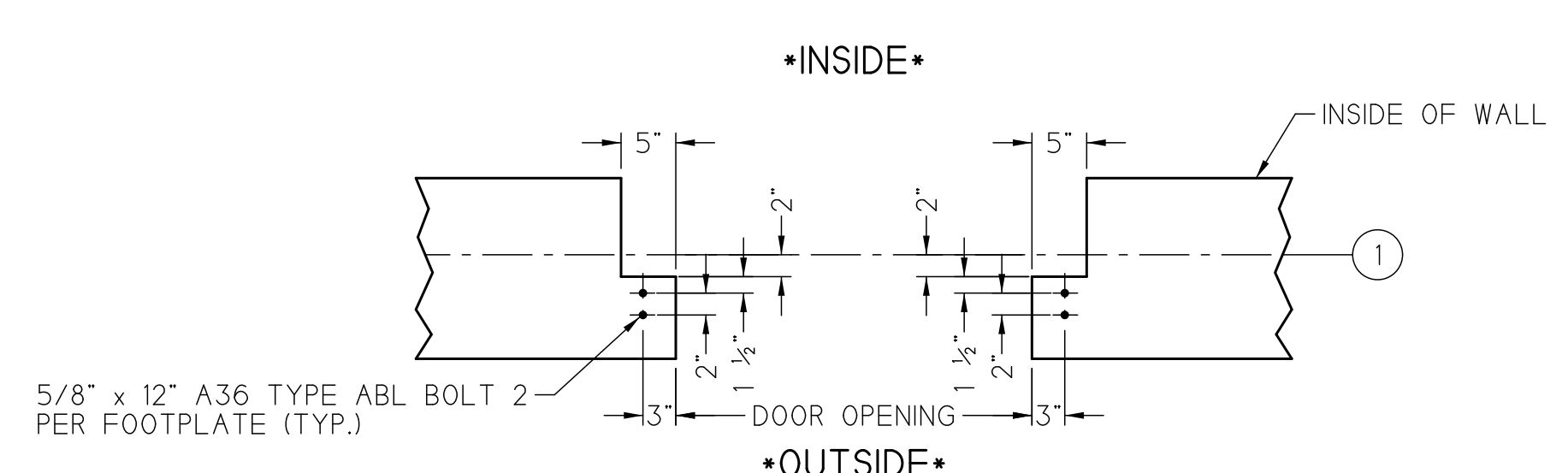
E	ADD COLL LOAD	GES		
D	REVISED SPAN PROFILE	KV		
C	REVISE EAST & WEST ELEV. AND DOOR SIZE'S	KV		2/25/05
B	REVISE WEST ELEV.	GES		2/17/05
A				
REV.	DESCRIPTION	DRAWN	APP.	DATE
		TITLE MERRILL/SPRAGUE RUBB VII 170' SPAN BVE w/22' LEG PLAN VIEW & ELEVATIONS		
DRAWN	DCN 2-4-05	SCALE	1" = 20'	
APP.	-	JOB #	05014	
DATE		JOB NAME	MERRILL RUBB VII	
RUBB, INC. SANFORD MAINE 04073 TEL: 207-324-2877 FAX 207-324-2347		DRAWING NO.	39790	



PLAN VIEW



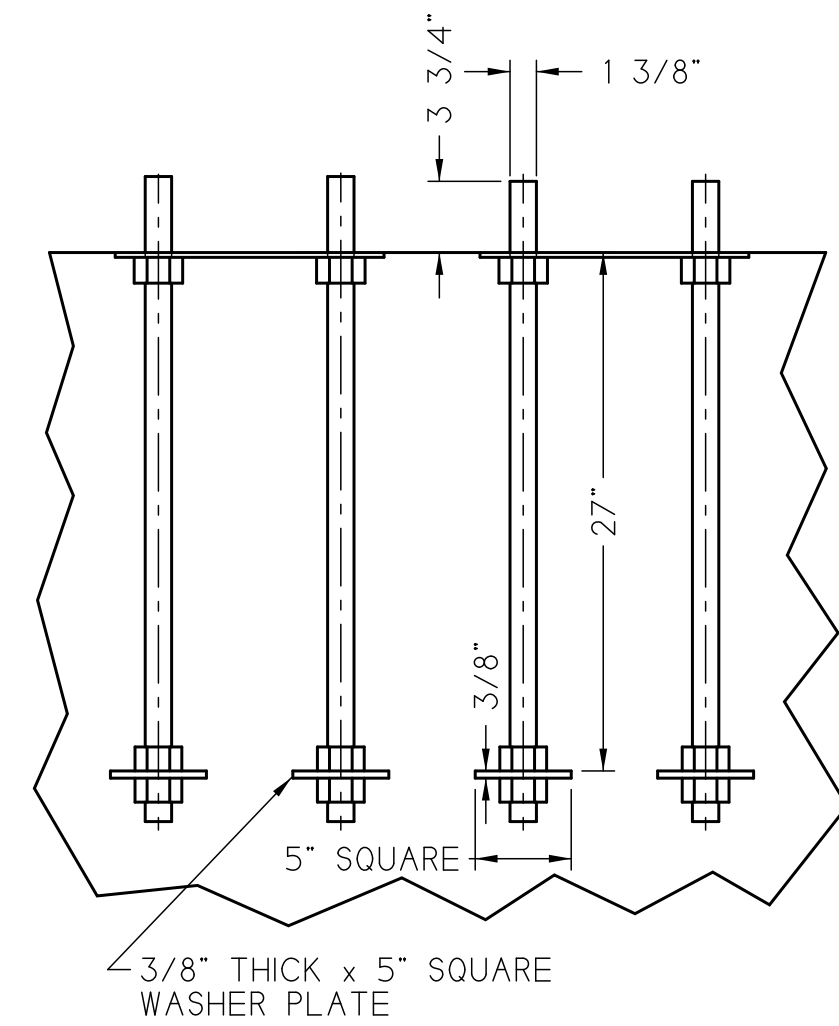
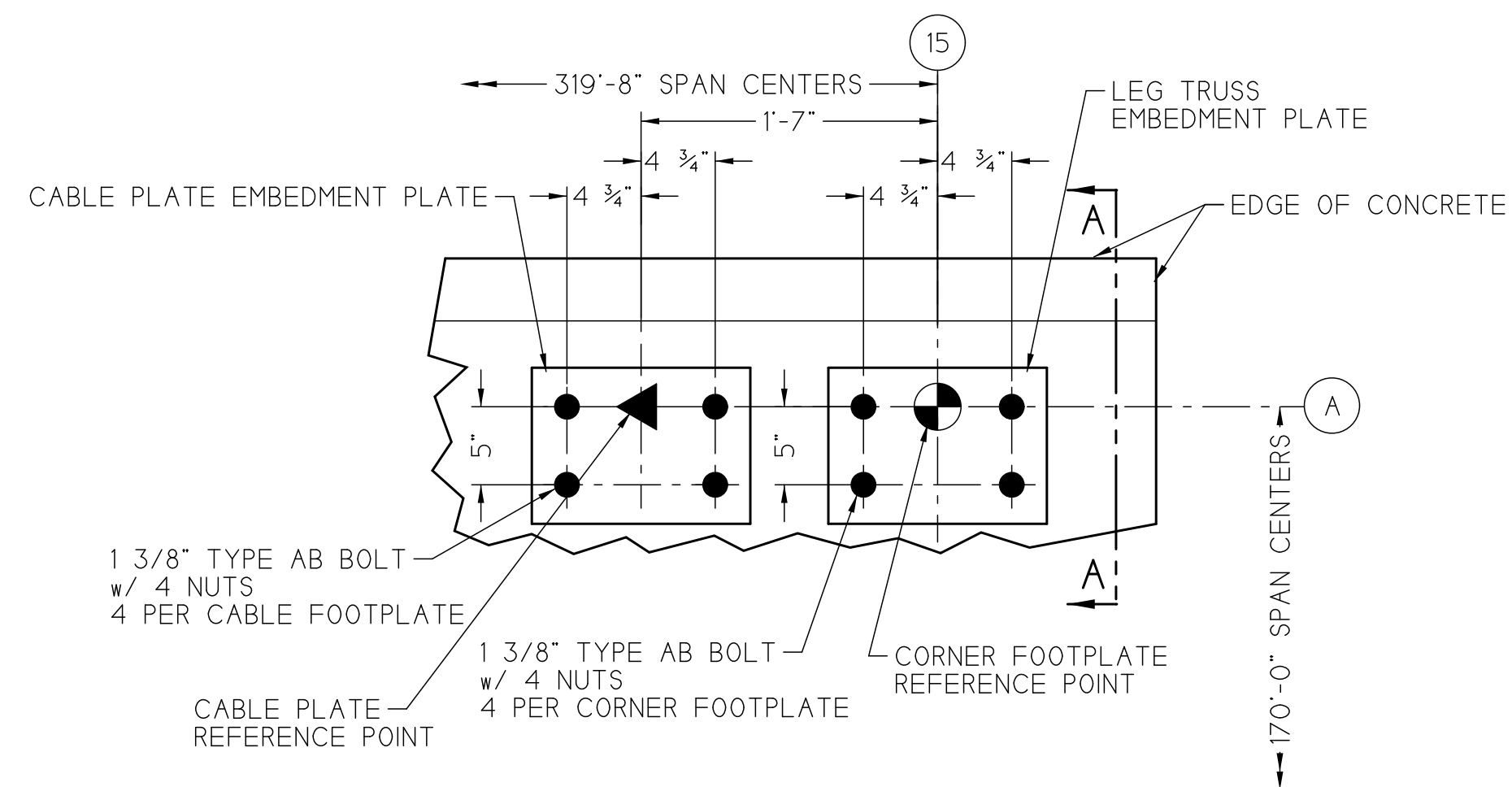
TYPICAL DOOR CUT OUT DETAIL ALONG GRID LINE M
10x SCALE
SHOWING ANCHOR BOLTS



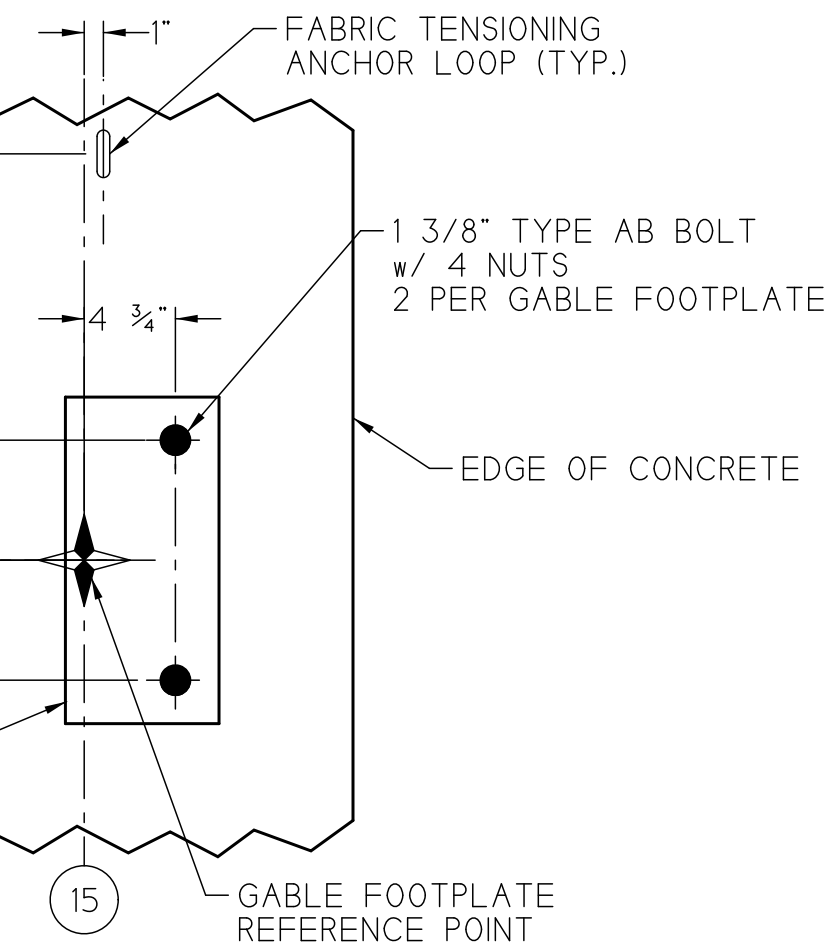
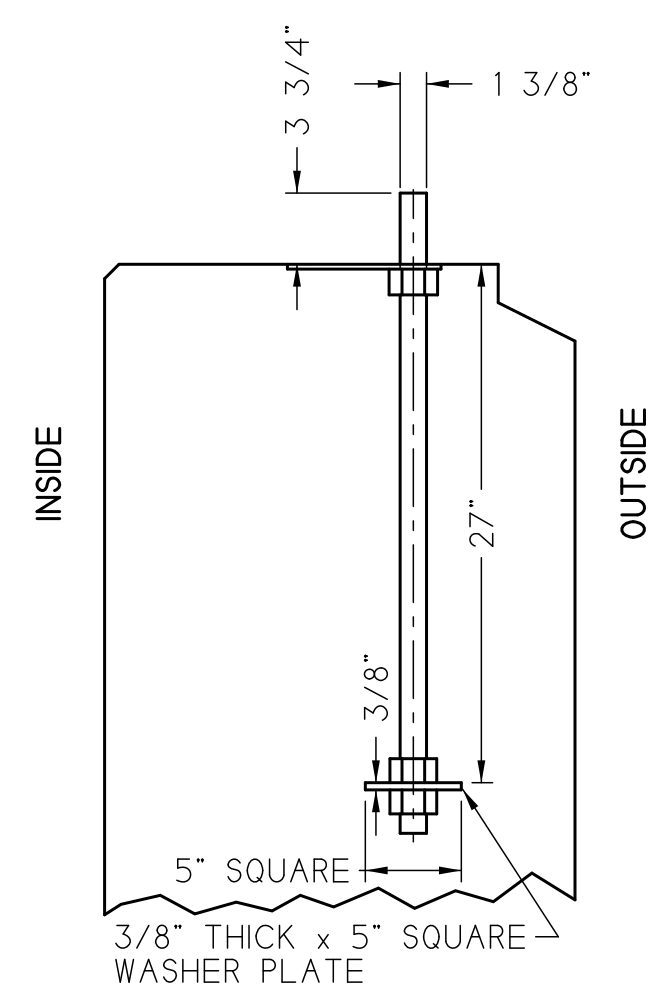
TYPICAL DOOR CUT OUT DETAIL ALONG GABLE GRIDLINE #1
10x SCALE
SHOWING ANCHOR BOLTS ROTATED 90°

- NOTES:
- 1) PERSONNEL DOOR STEEL BASEPLATES NOT SHOWN.
 - 2) RUBB, INC. TO PROVIDE ANCHOR BOLT TEMPLATES.
 - 3) ANCHOR BOLTS, NUTS, WASHERS, AND REBAR PVC CLADDING ANCHOR LOOPS ARE BY RUBB.
 - 4) RAISED SILL OR OTHER PROVISION TO PREVENT LEAKING AT DOORS IS THE RESPONSIBILITY OF OTHERS.
 - 5) CONCRETE SHOWN REPRESENTATIVE ONLY. SEE APPROVED CONCRETE FOUNDATION DRAWINGS FOR CONCRETE DETAILS.
 - 6) SEE DWG. #39909 FOR DETAILS NOT SHOWN.

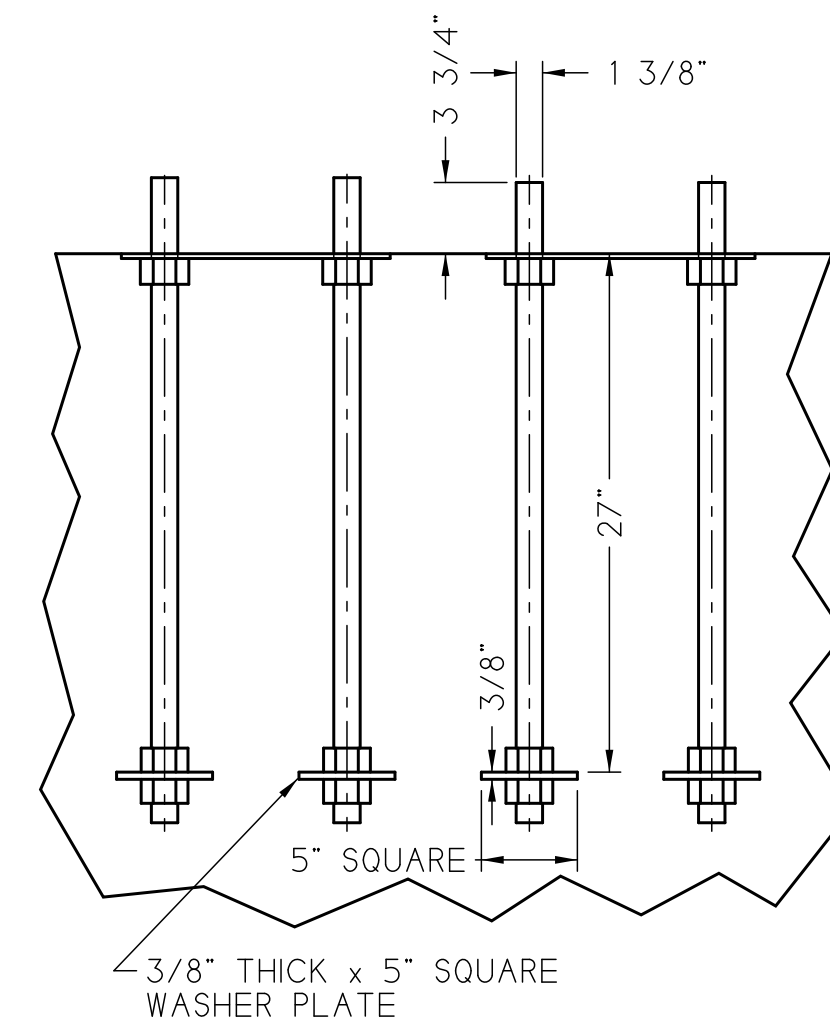
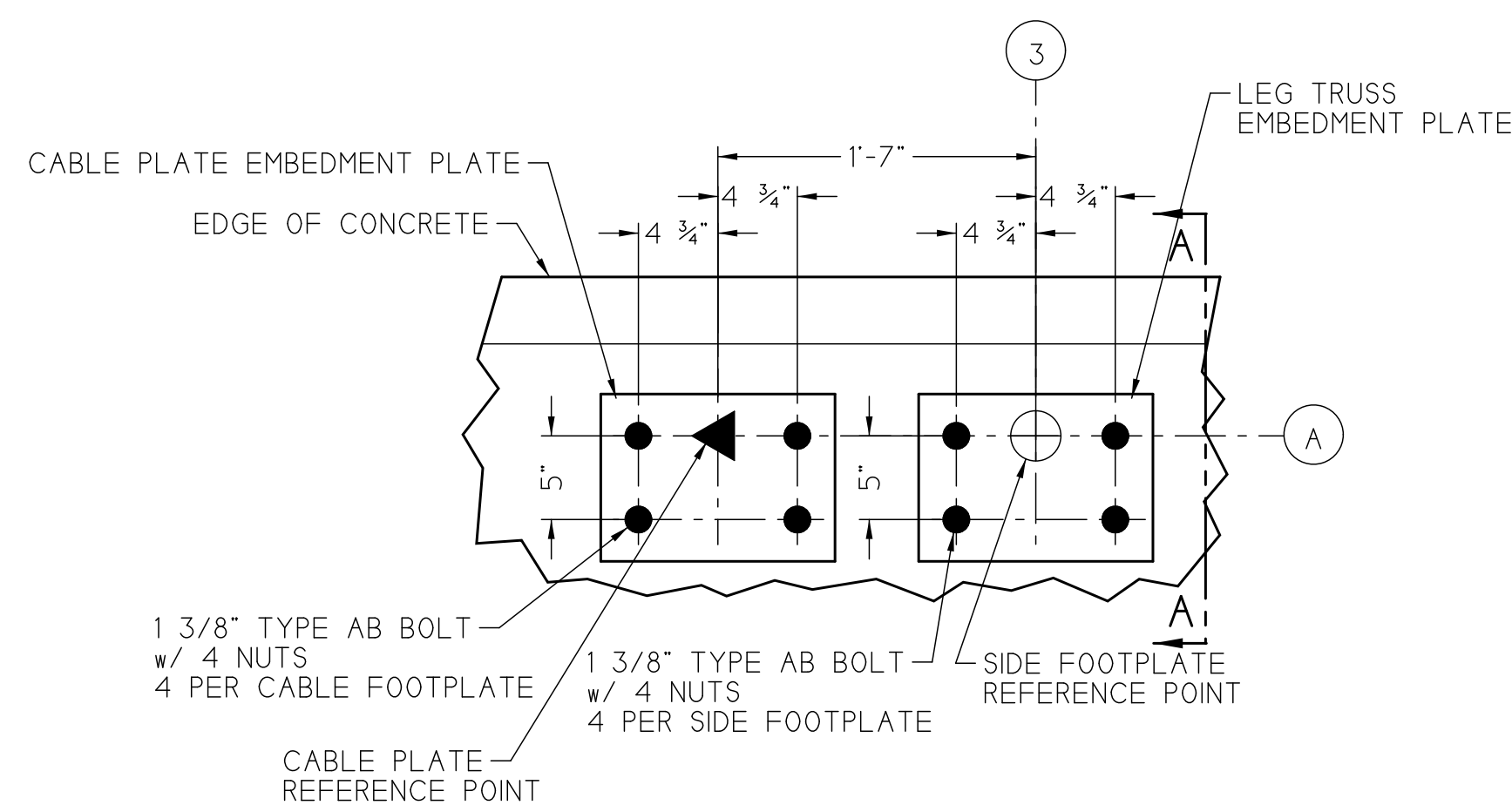
REV.	DESCRIPTION	DRAWN	APP.	DATE
	We Cover The World RUBB BUILDING SYSTEMS			
	TITLE MERRILL/SPRAGUE RUBB VII ANCHOR BOLT LAYOUT			
DRAWN	KV 3-16-05	SCALE	1 : 150	This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.
APP.		JOB #	05014	
DATE		JOB NAME	MERRILL RUBB VII	
RUBB, INC. SANFORD MAINE 04073 TEL: 207-324-2877 FAX 207-324-2347				DRAWING NO. 39906



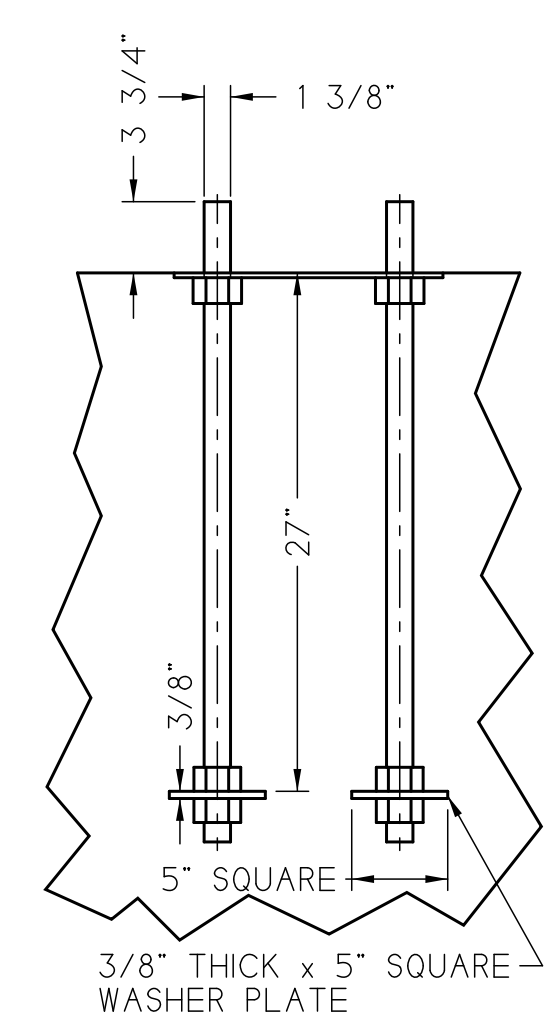
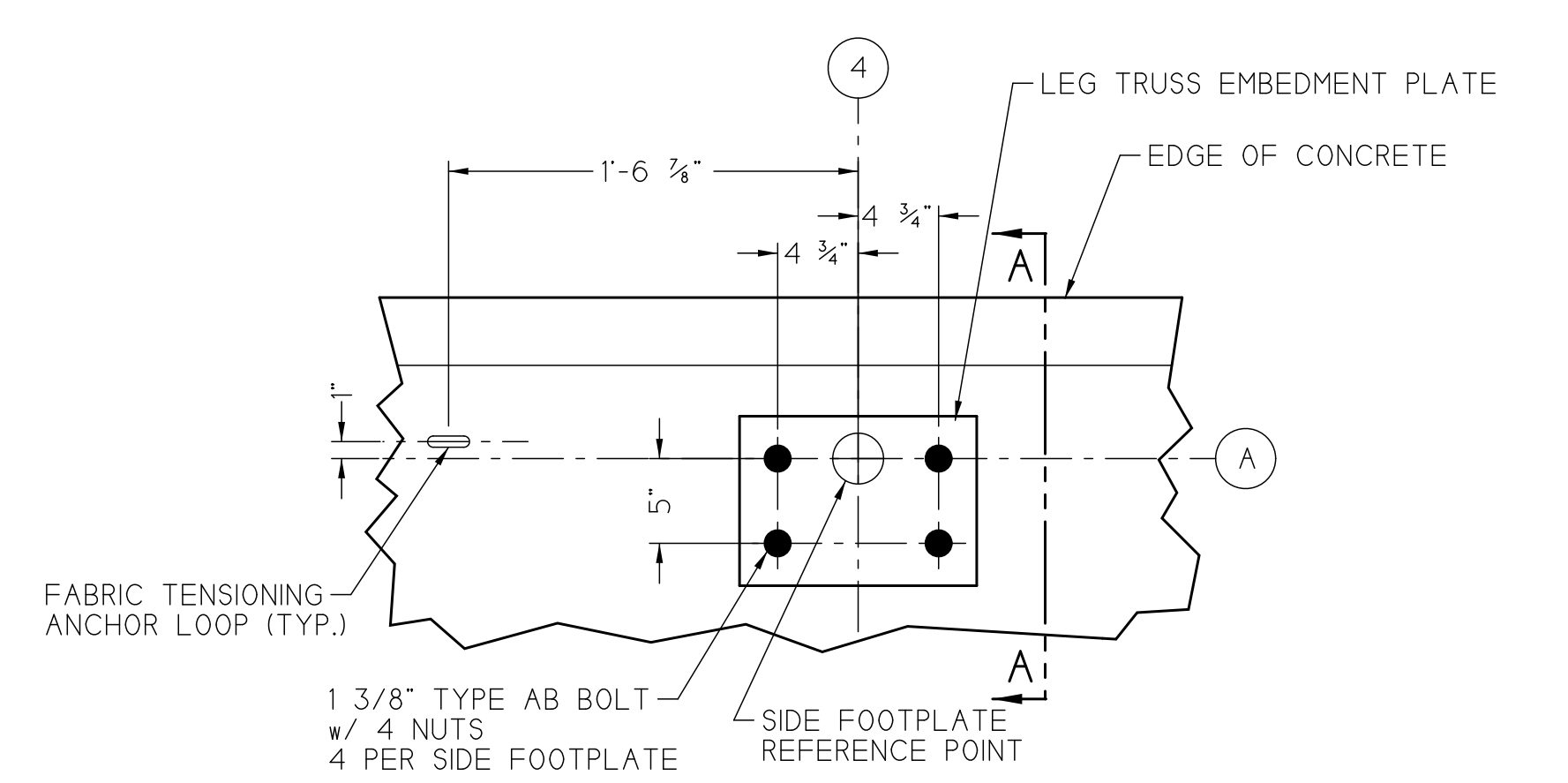
DETAIL "A"
LOCATION A15 SHOWN



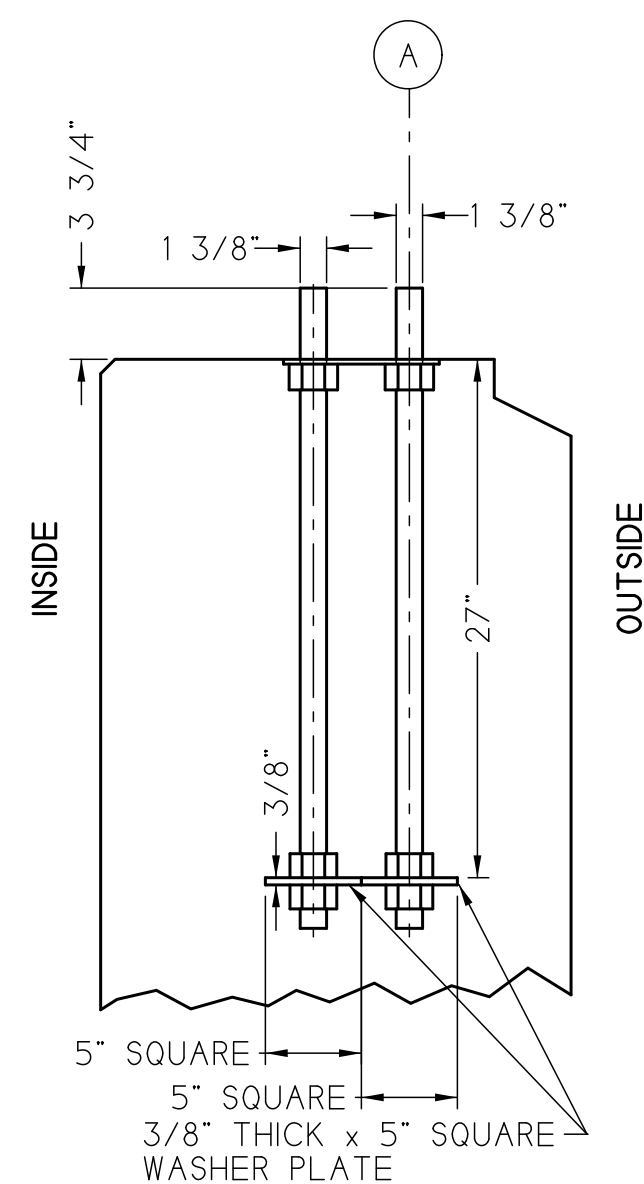
DETAIL "C"
LOCATION D12 SHOWN



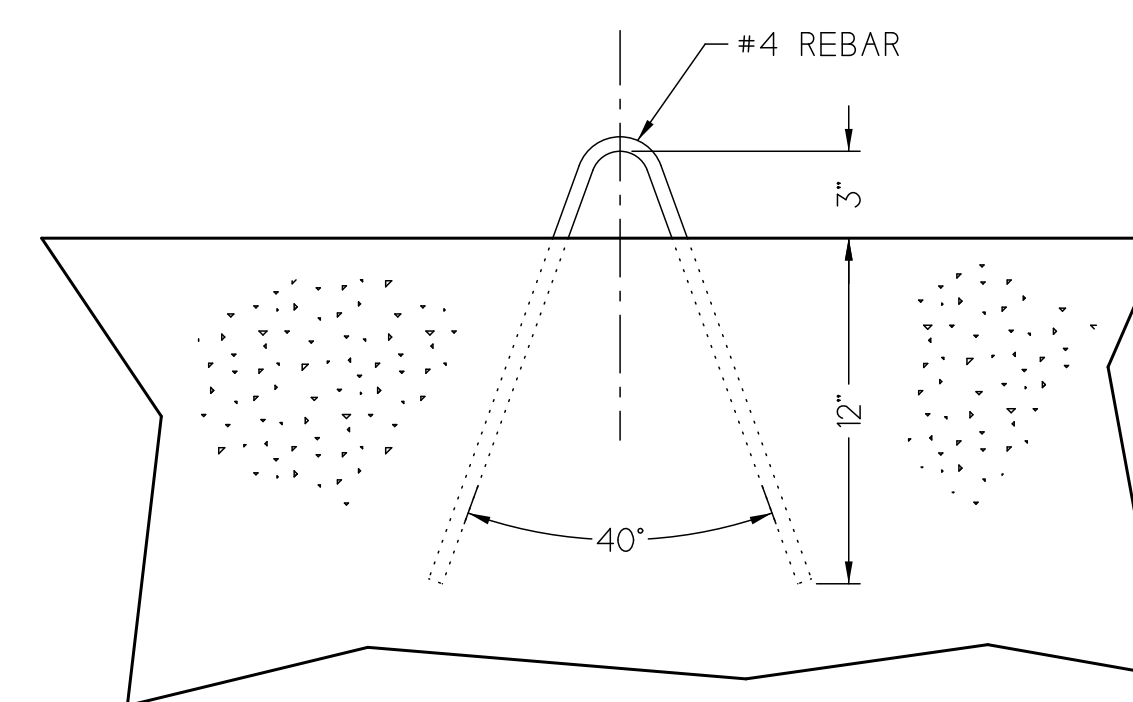
DETAIL "D"
LOCATION A3 SHOWN



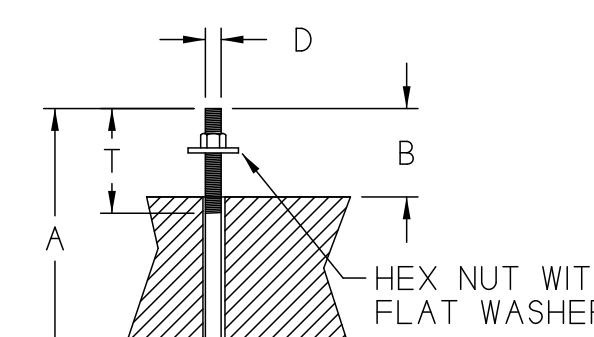
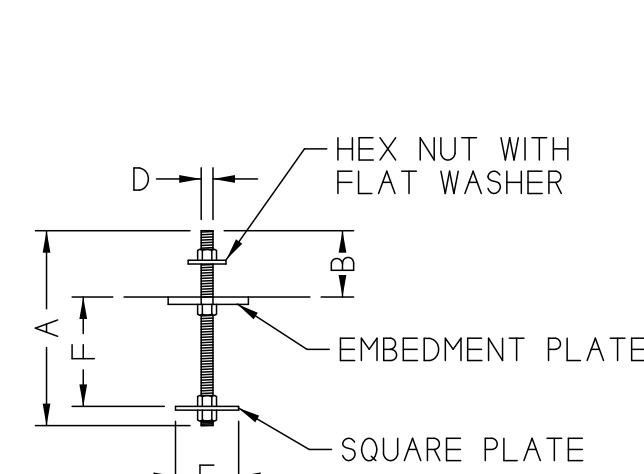
DETAIL "B"
LOCATION A4 SHOWN



SECTION "A-A"
ROTATED 90°



DETAIL "E"
PVC CLADDING ANCHOR LOOP SHOWN AS DOTS IN PLAN VIEW NOT TO SCALE



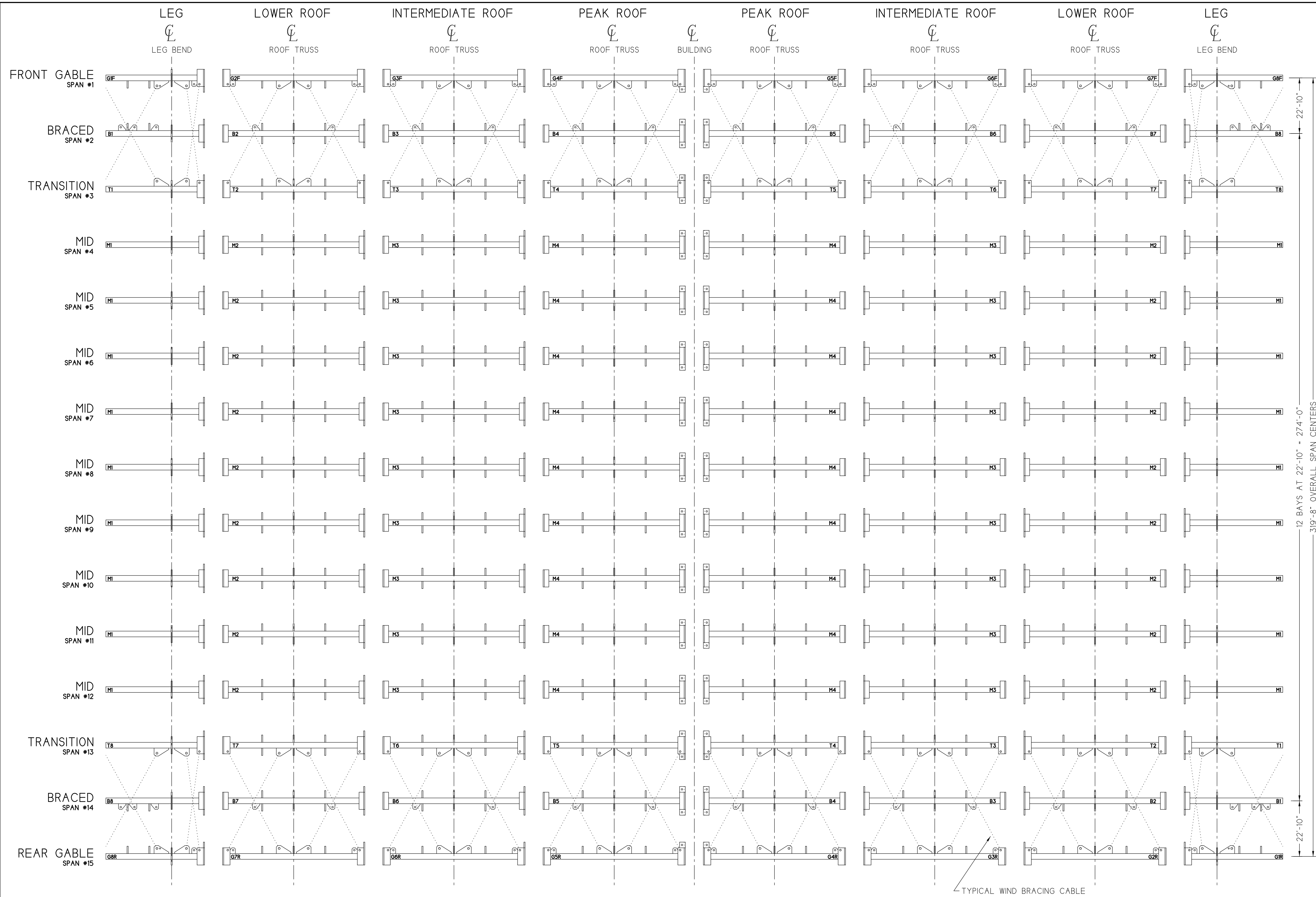
ANCHOR BOLT SCHEDULE

MARK	TYPE	BOLT DIA.	'D'	'A'	'B'	'C'	'E'	'F'	MIN. THREAD 'T'	MAT'L	QTY.
1 3/8"	AB	1 3/8"	34"	3 3/4"	-	5"	27"	-	-	A36	196
5/8"	ABL	5/8"	12"	3"	-	STD.	-	-	3 1/2"	A36	20

NOTES:

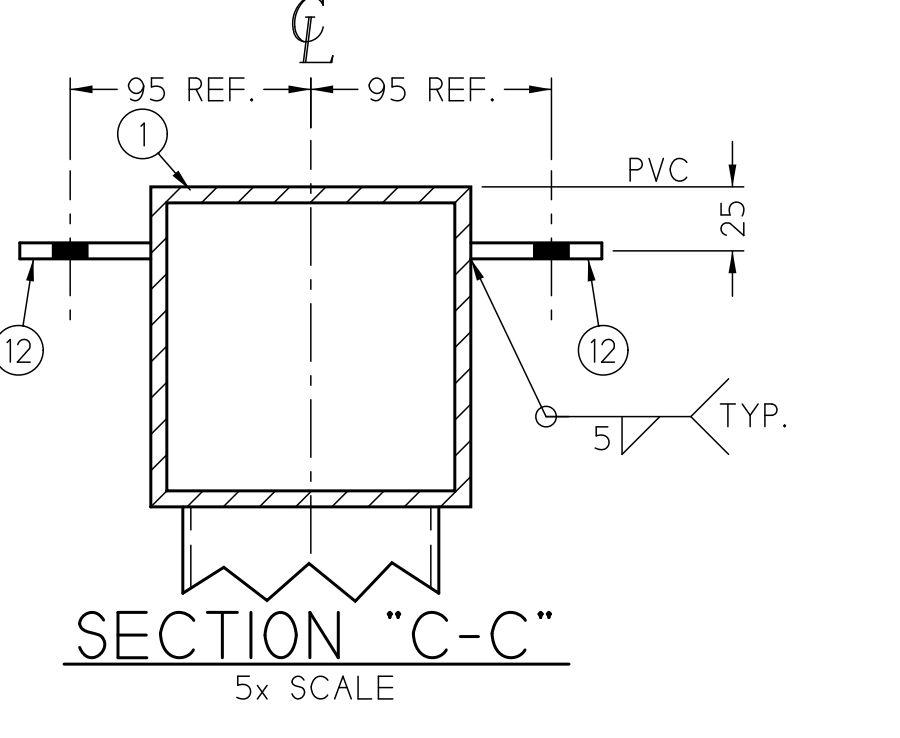
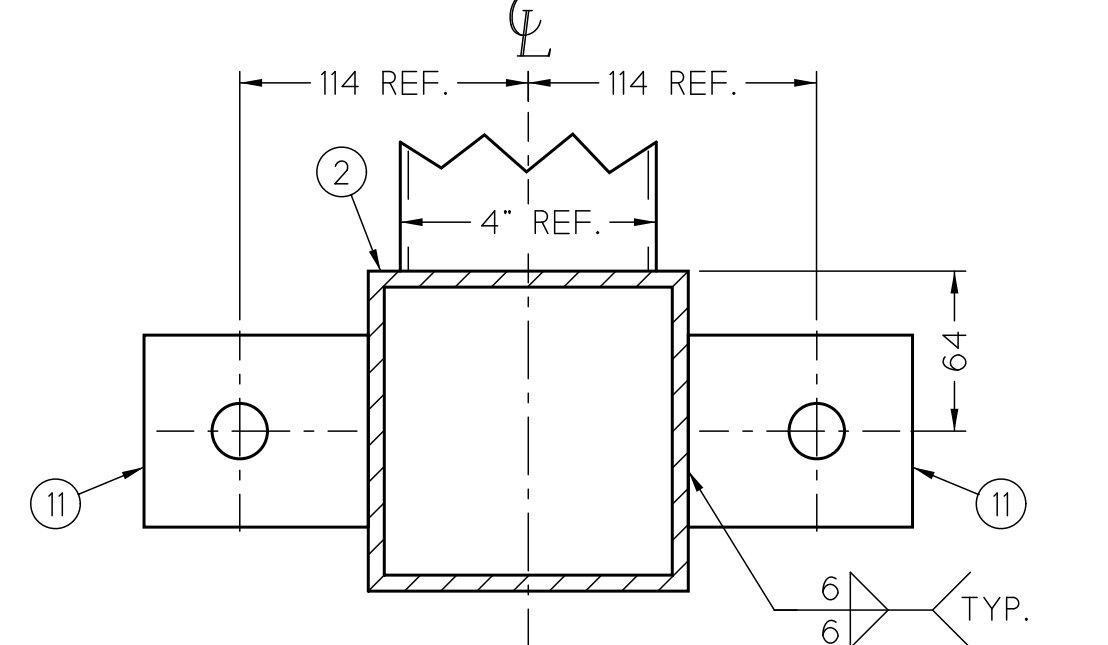
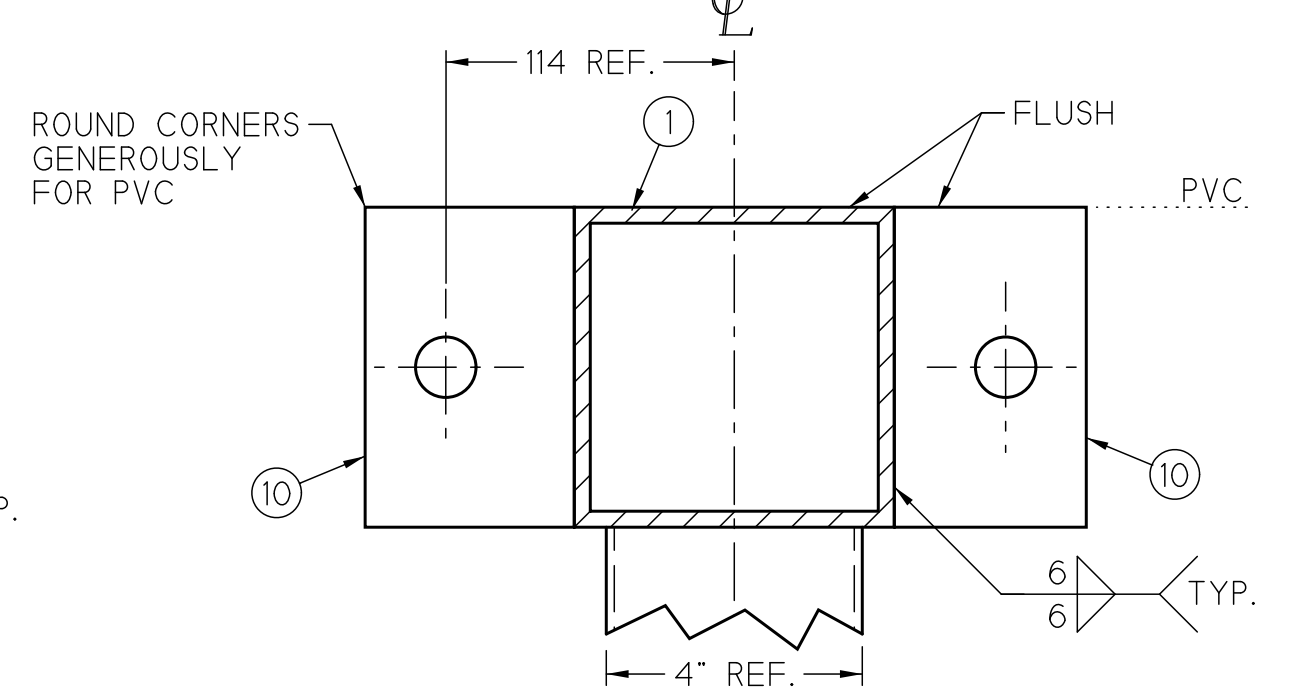
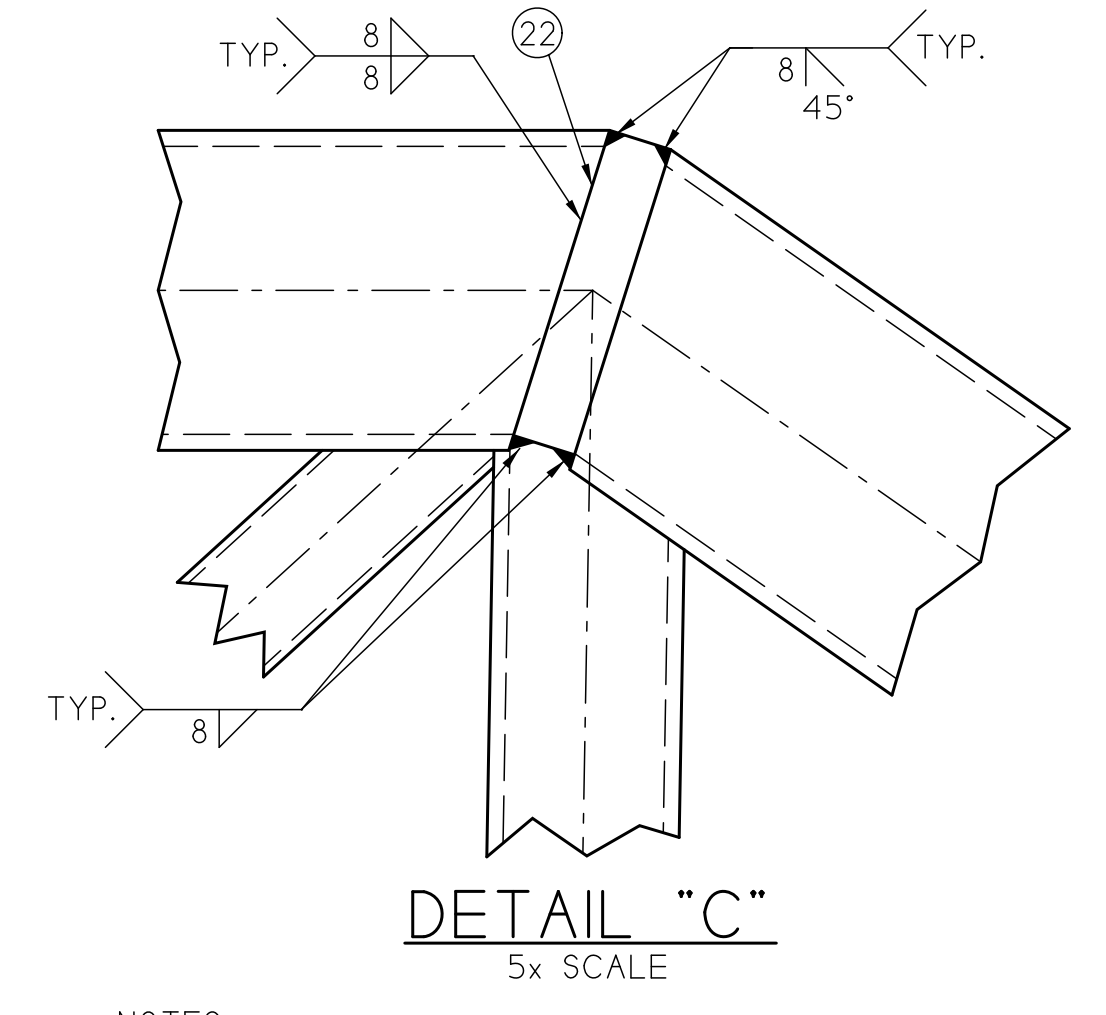
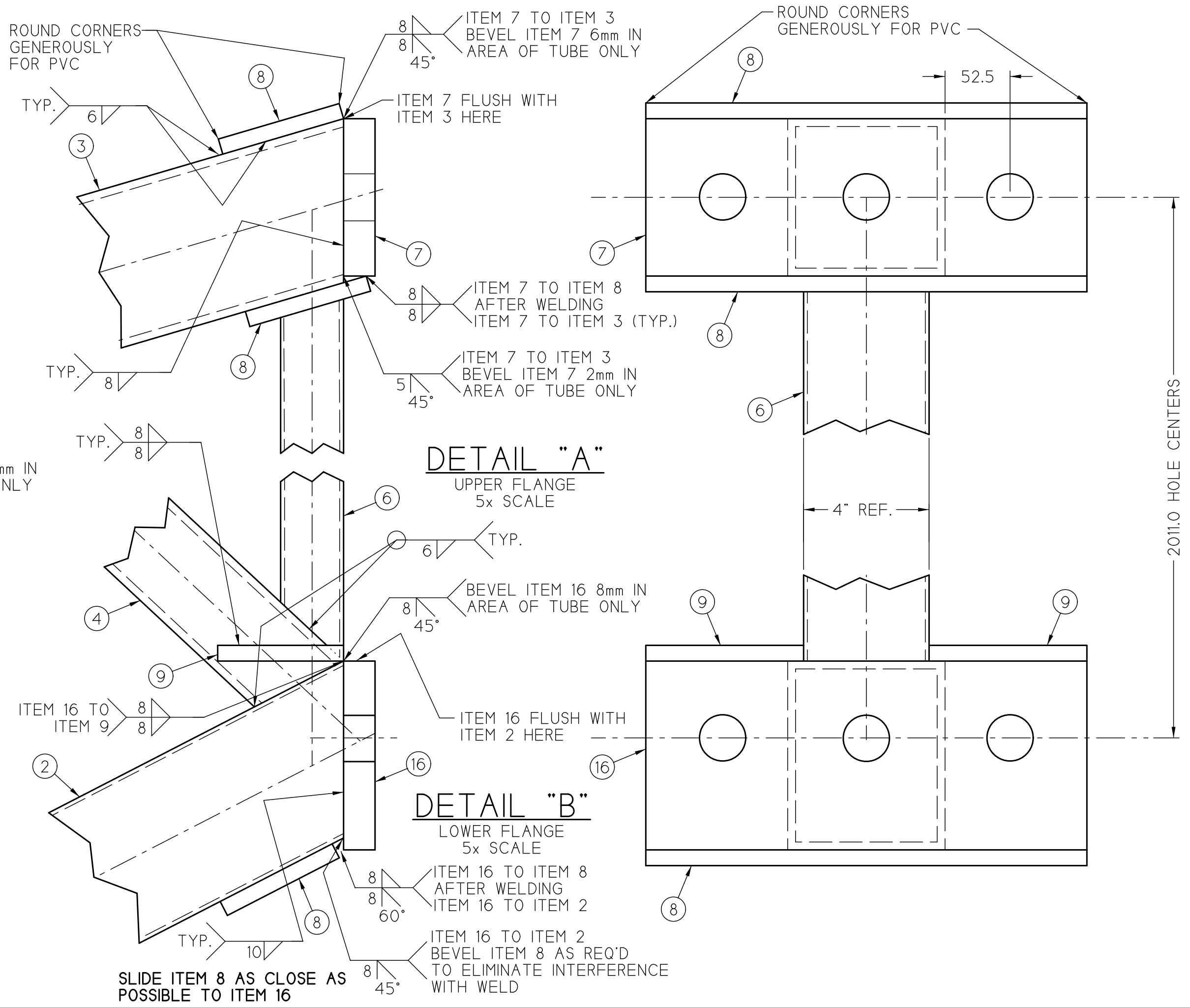
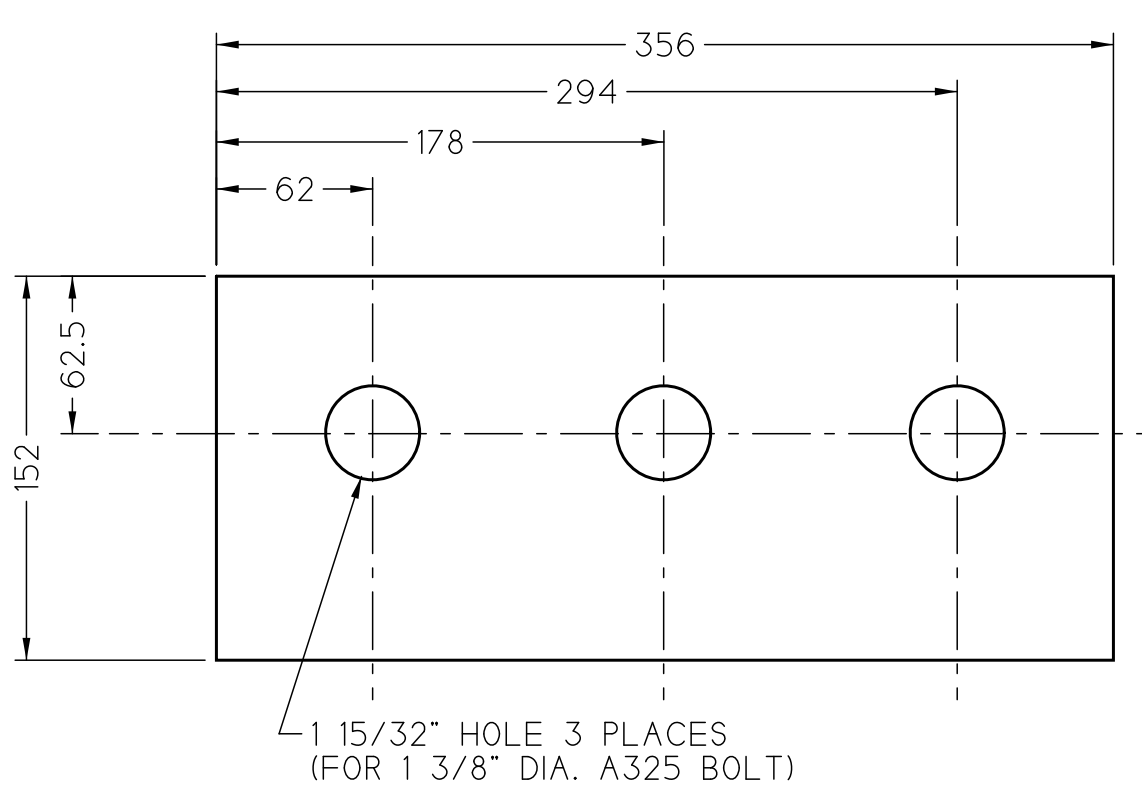
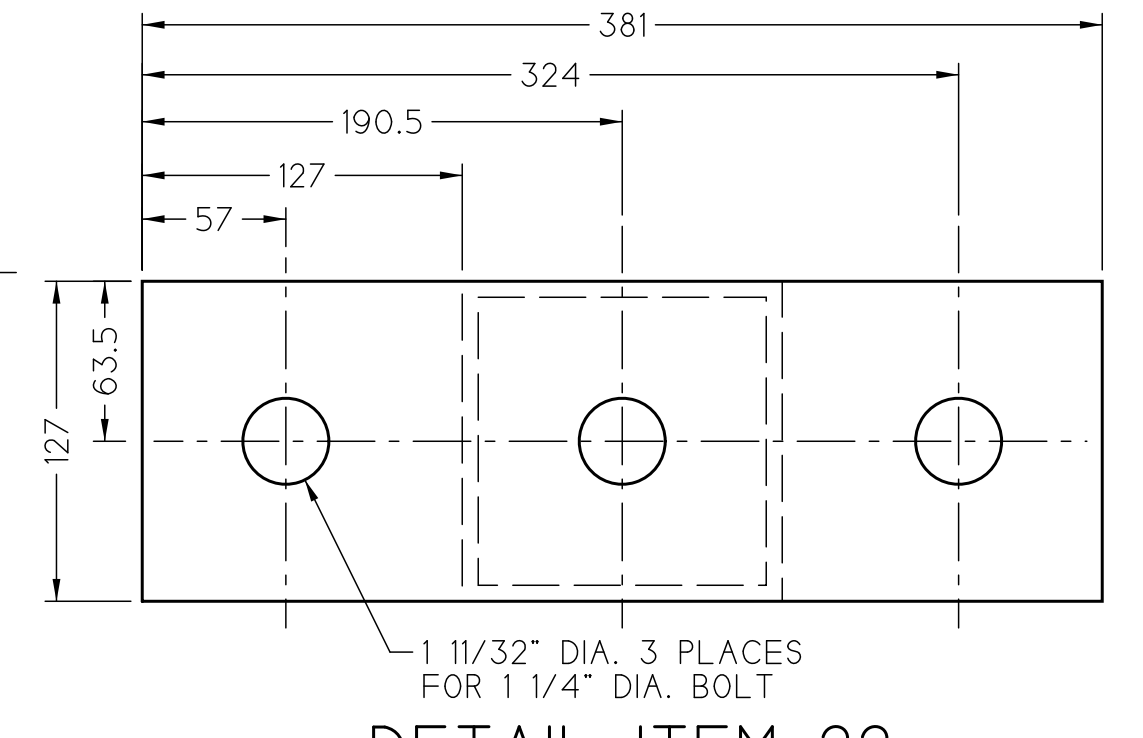
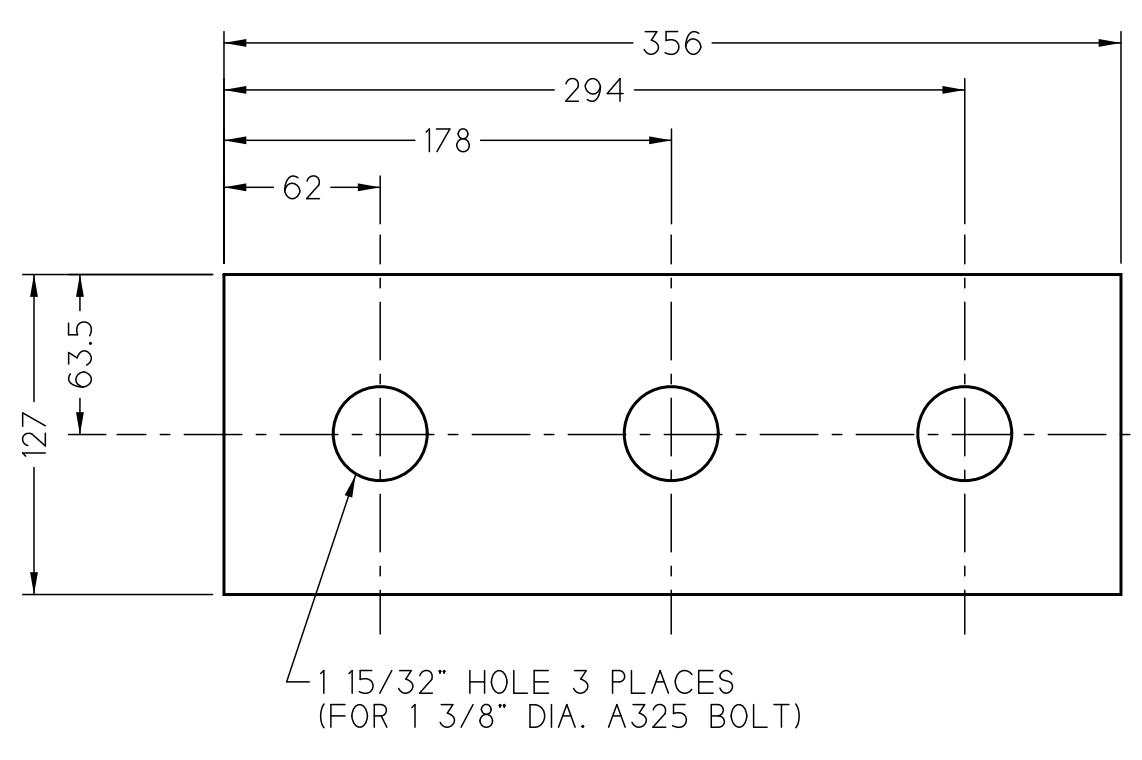
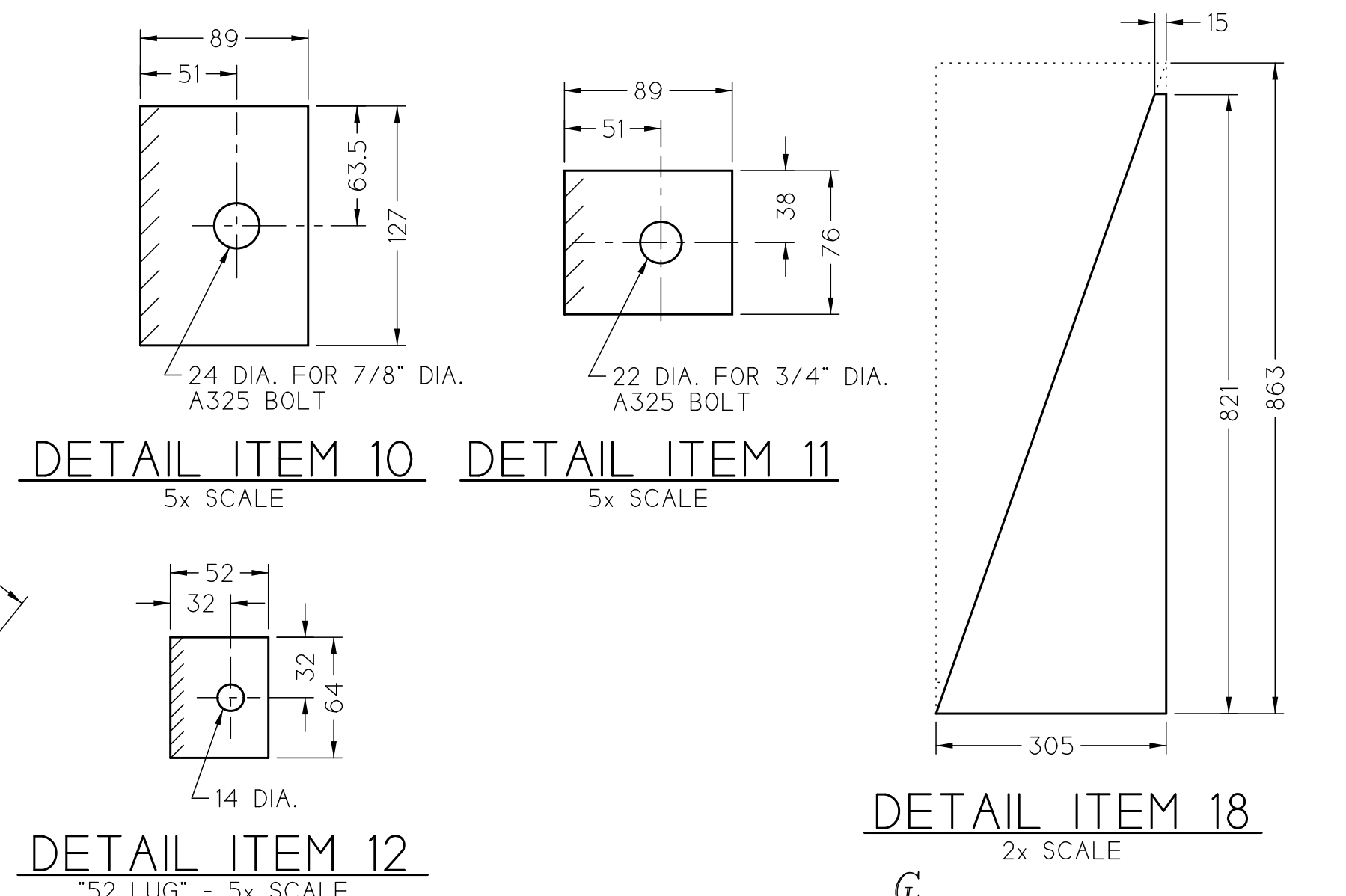
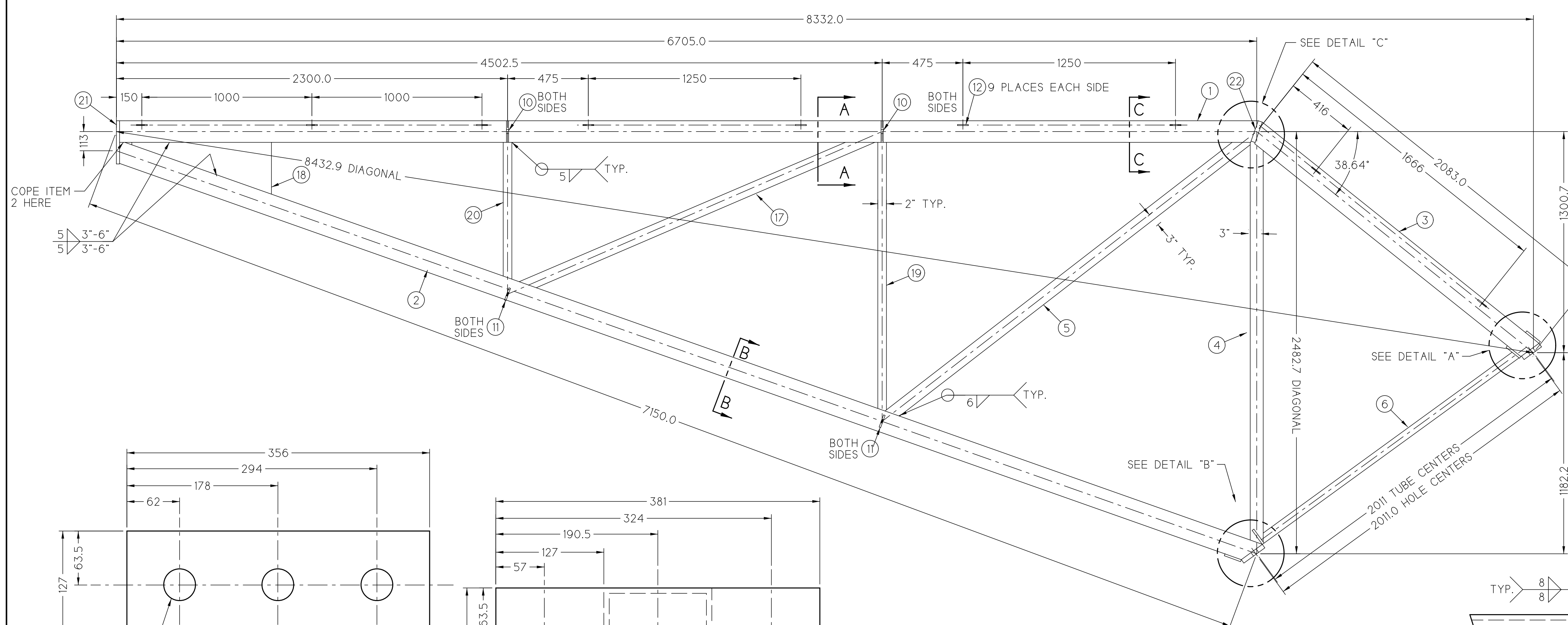
- 1.) TOP SURFACE OF FINISHED EMBEDMENTS TO BE LEVEL & FLUSH WITH TOP SURFACE OF GRADE BEAM. TRUSS FOOTPLATES ARE TO CONNECT DIRECTLY TO THE EMBEDMENT PLATES WITHOUT THE USE OF GROUT.
- 2.) TEMPORARILY INSTALL NUTS SNUG ON TOP SURFACE OF EMBEDMENT PLATES TO HOLD ANCHOR RODS SQUARE/PLUMB.
- 3.) SEE DRAWING 39906 FOR ANCHOR BOLT LAYOUT.
- 4.) CONCRETE SHOWN REPRESENTATIVE ONLY. SEE APPROVED CONCRETE FOUNDATION DRAWINGS FOR CONCRETE DETAILS.

REV.	DESCRIPTION	DRAWN	APP.	DATE
<p>We Cover The World RUBB BUILDING SYSTEMS</p>				
TITLE MERRILL/SPRAGUE RUBB VII ANCHOR BOLT DETAILS		DRAWN KV 3-16-05		DATE
SCALE 1 : 10		JOB # 05014		This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.
JOB NAME MERRILL RUBB VII		DRAWING NO. 39909		
<p>RUBB, INC. SANFORD MAINE 04073 TEL: 207-324-2877 FAX 207-324-2347</p>				



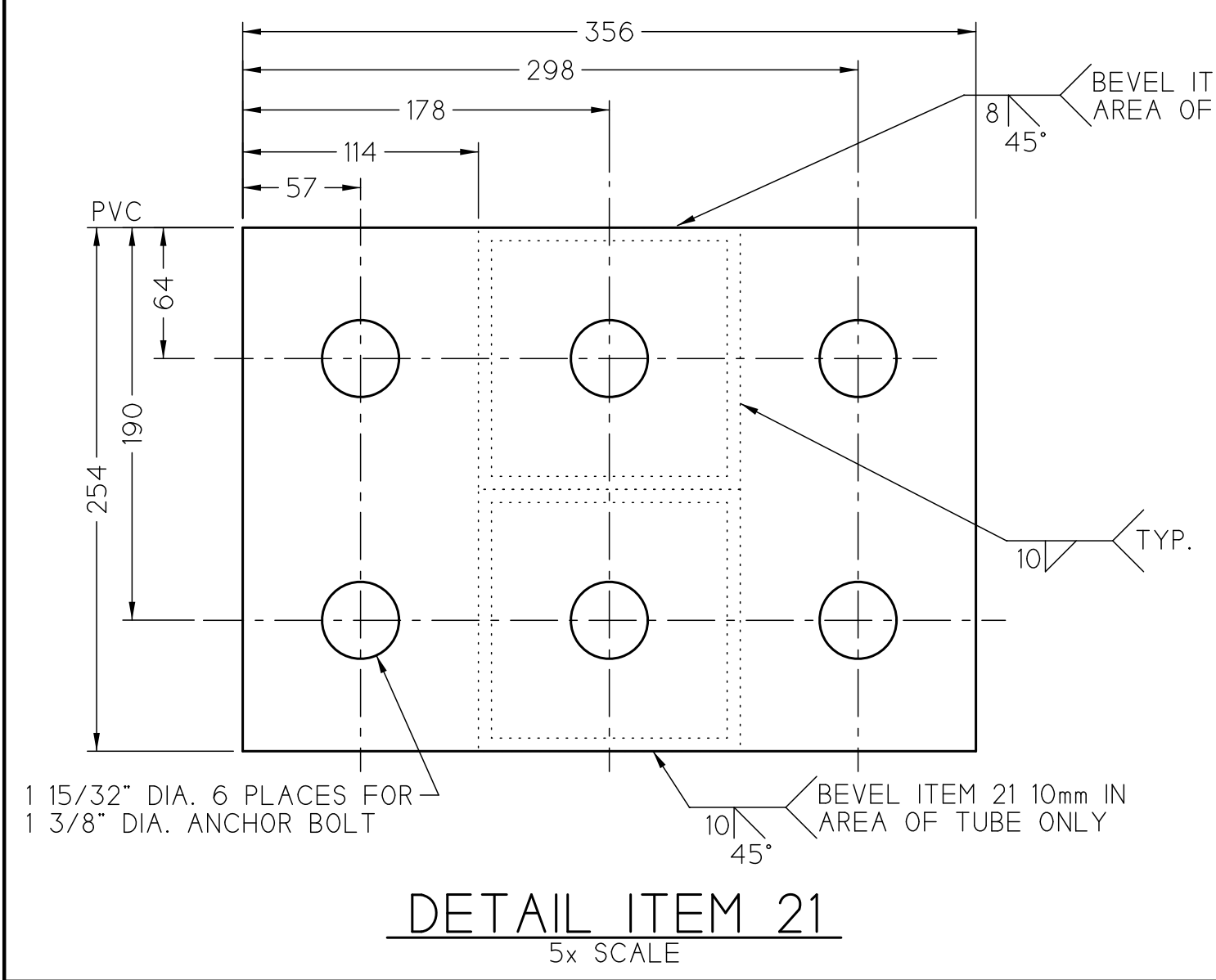
SCHMATIC PLAN VIEW
NOT TO SCALE

REV.	DESCRIPTION	DRAWN	APP.	DATE
We Cover The World RUBB BUILDING SYSTEMS		TITLE 51.8m BVE / 6.7m LEG STEEL LAYOUT		
DRAWN APP. DATE	SCALE 1 : 4 JOB # 05014 JOB NAME MERRILL - RUBB VII	This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.		
RUBB, INC. SANFORD MAINE 04073 TEL: 207-324-2877 FAX 207-324-2347				DRAWING NO. 40242



- NOTES:
 1) BREAK SHARP CORNERS FOR PVC.
 2) SEE DRAWING 11006 FOR GENERAL WELD NOTES.
 3) BILL OF MATERIAL IS FOR ONE ASSEMBLY.
 4) SEE LUG SCHEMATIC FOR LUG DETAILS NOT SHOWN.
 5) DIMENSIONS NOT LABELED WITH UNITS ARE IN MILLIMETERS.
 6) SEE DRAWING 38546 FOR STRUT CUTTING DETAILS.

ITEM	QTY.	DESCRIPTION	SPEC.	F _y MIN. (ksi)
1	1	TS 5" x 5" x 3/16"	A500	50
2	1	TS 5" x 5" x 3/8"	A500	50
3	1	TS 5" x 5" x 3/16"	A500	50
4	1	TS 4" x 3" x 1/4"	A500	50
5	1	TS 4" x 3" x 1/8"	A500	50
6	1	TS 4" x 2" x 3/16"	A500	50
7	1	FLAT 5" x 1" x 356	44W	44
8	3	FLAT 4" x 1/2" x 356	A36	36
9	2	FLAT 4" x 1/2" x 127	A36	36
10	4	FLAT 3 1/2" x 1/2" x 127	A36	36
11	4	FLAT 3" x 3/8" x 89	A36	36
12	18	FLAT 2 1/2" x 1/4" x 52	A36	36
13	-	-	-	-
14	-	-	-	-
15	-	-	-	-
16	1	FLAT 6" x 1" x 356	44W	44
17	1	TS 4" x 3" x 1/8"	A500	50
18	1	FLAT 12" x 3/8" x 821	A36	36
19	1	TS 4" x 2" x 1/8"	A500	50
20	1	TS 4" x 2" x 1/8"	A500	50
21	1	FLAT 10" x 3/4" x 356	A36	36
22	1	FLAT 5" x 1" x 381	A36	36

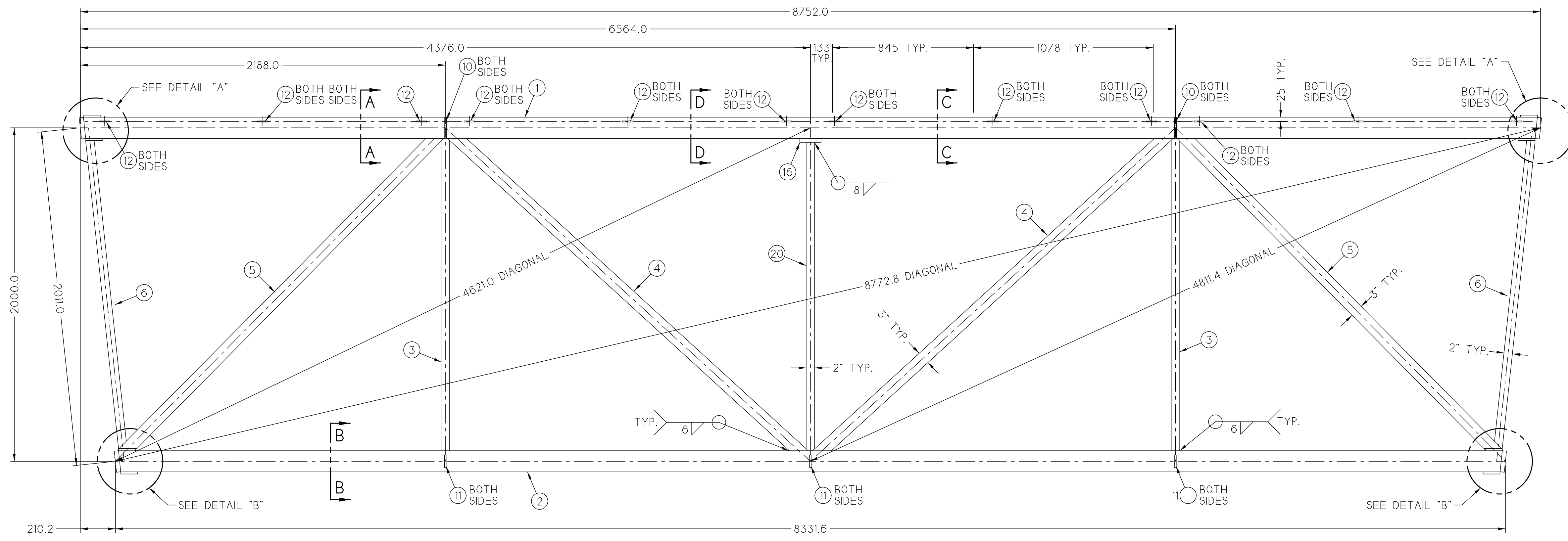


REV.	DESCRIPTION	DRAWN	APP.	DATE
1	51.8m AVC / 6.7m LEG TRUSS - 2000 DEEP BRACED SPANS			

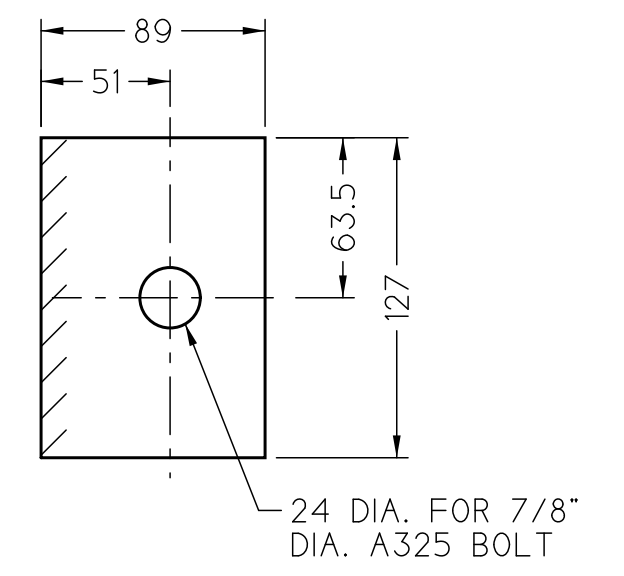
RUBB
BUILDING SYSTEMS

SCALE: 1 : 15
 JOB #: 05014
 JOB NAME: MERRILL RUBB VII
 RUBB, INC. SANFORD MAINE 04073
 TEL: 207-324-2877 FAX 207-324-2347

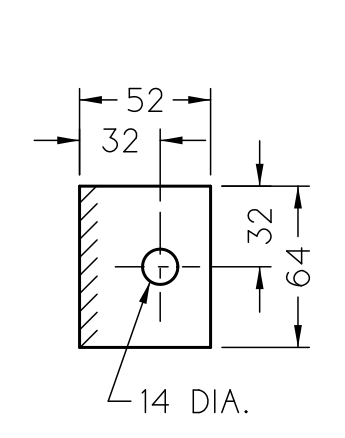
40243



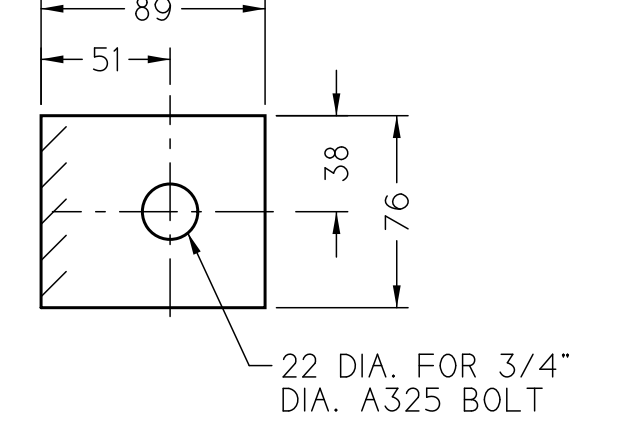
INTERMEDIATE ROOF TRUSS
BRACED SPAN



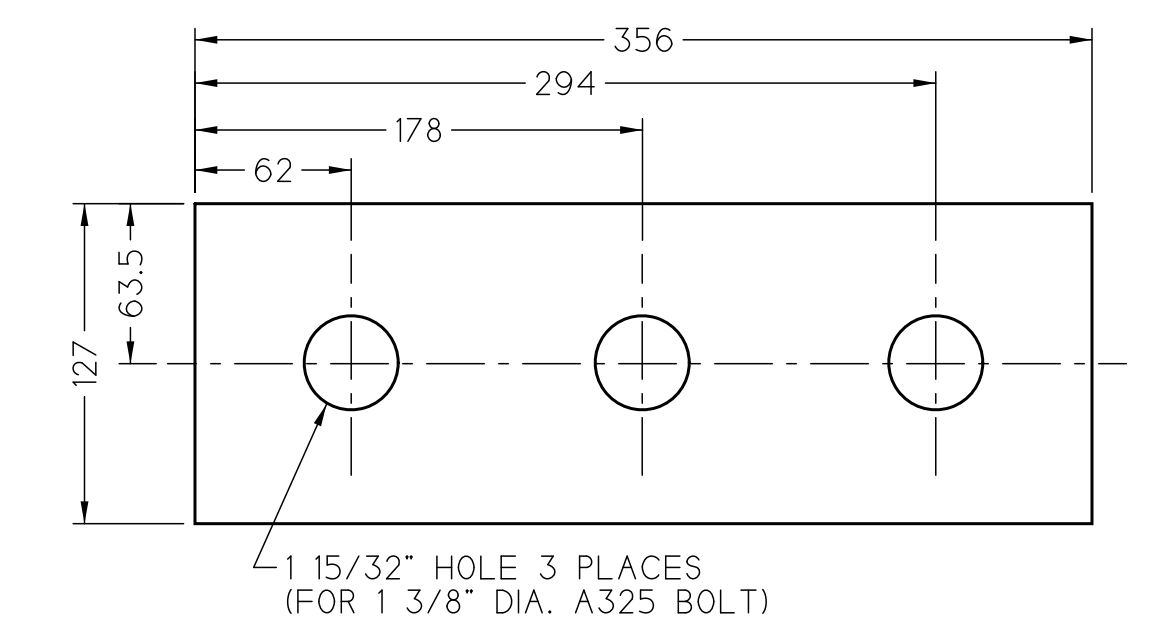
DETAIL ITEM 10
5x SCALE



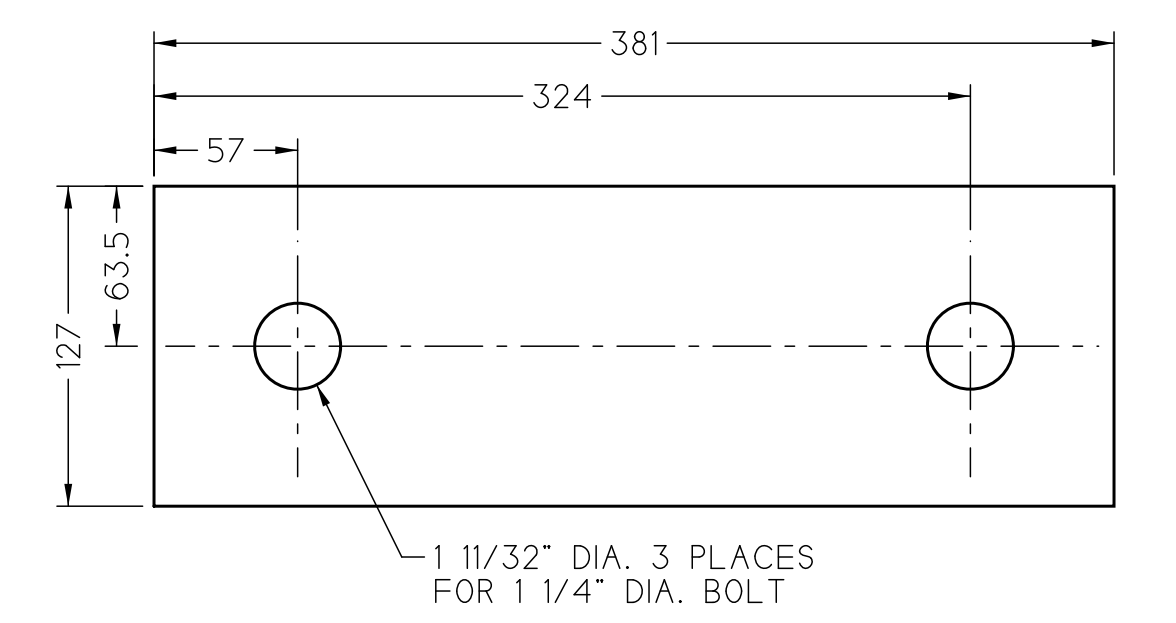
DETAIL ITEM 12
52 LUG - 5x SCALE



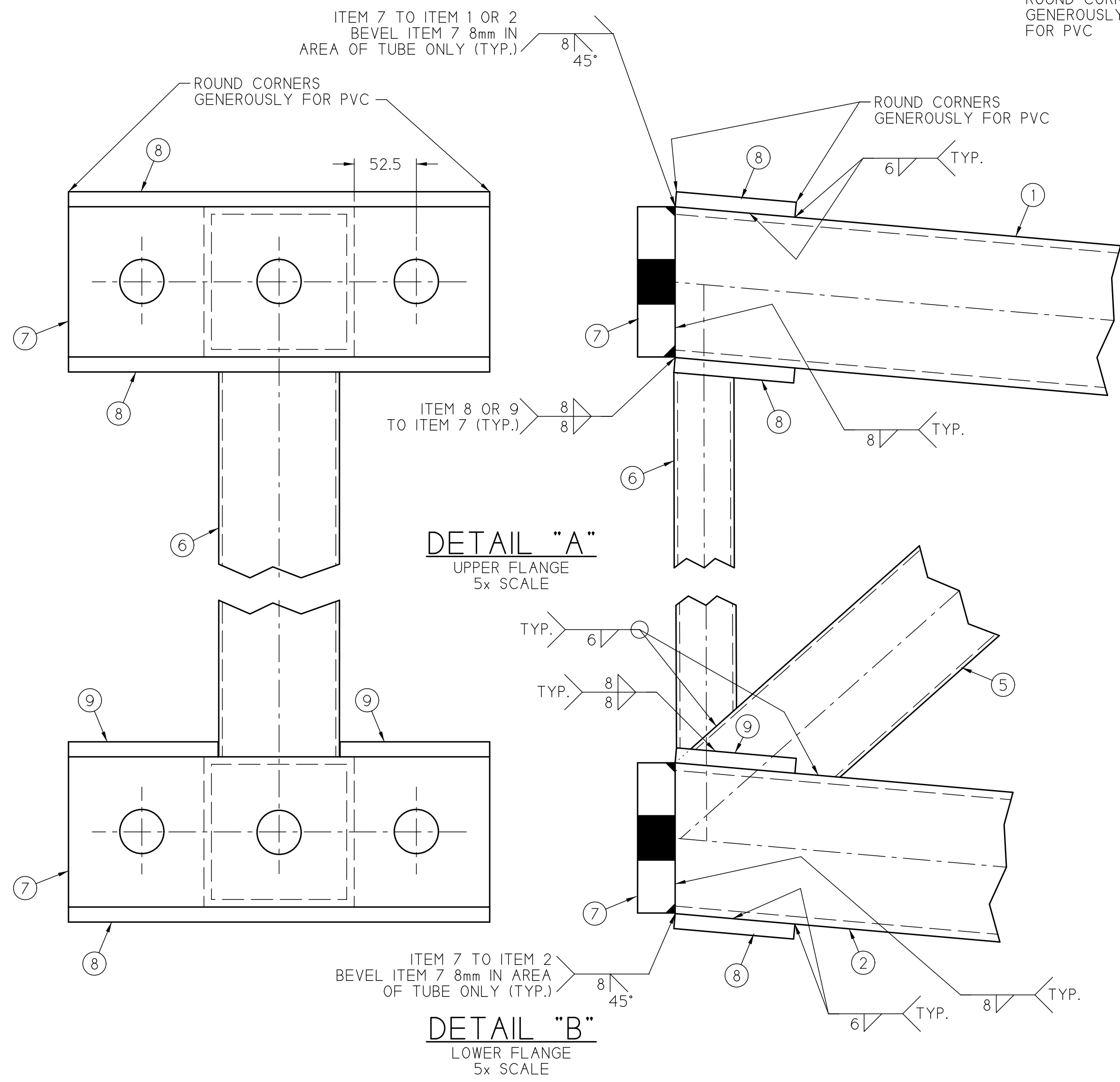
DETAIL ITEM 11
5x SCALE



DETAIL ITEM 7
5x SCALE

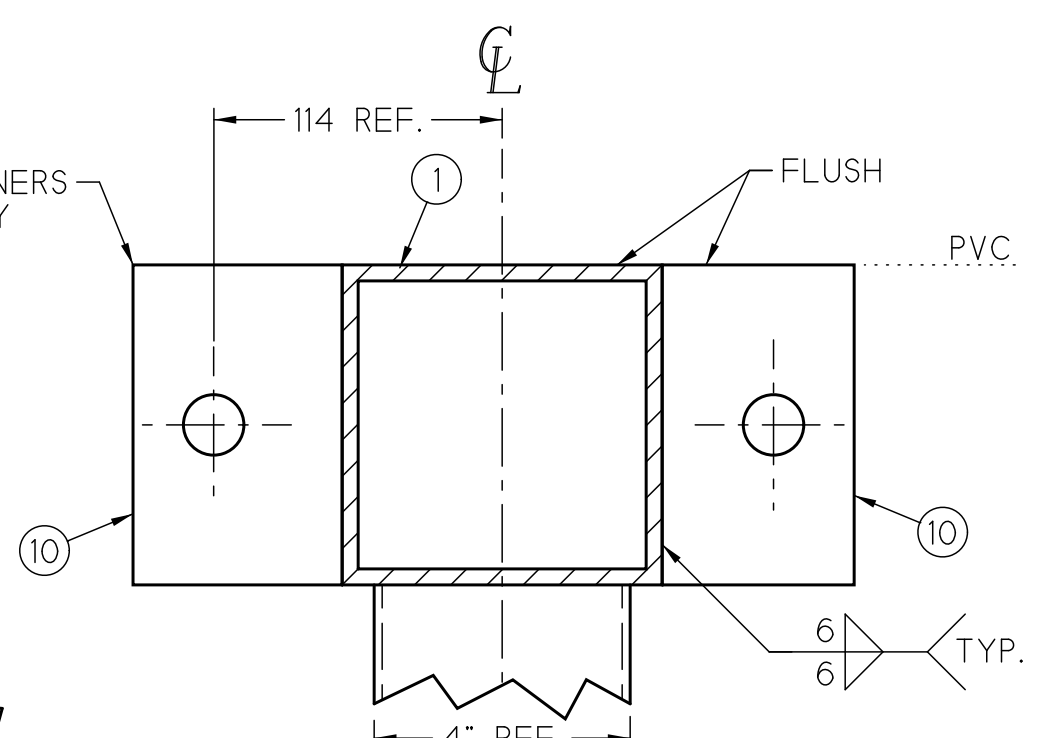


DETAIL ITEM 16
5x SCALE

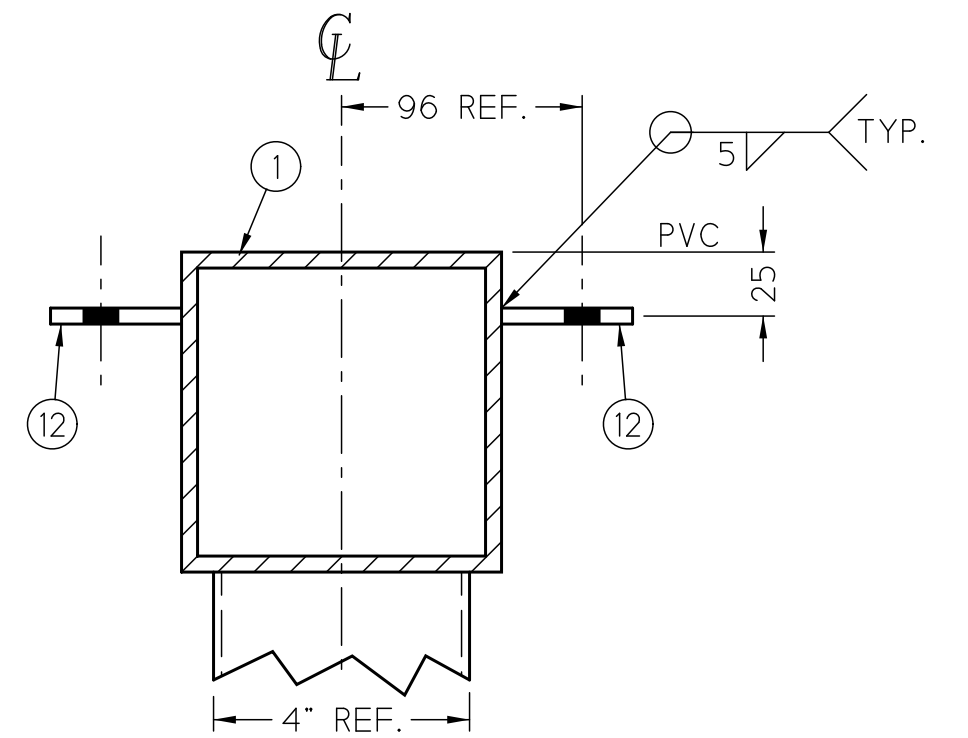


DETAIL "A"
UPPER FLANGE
5x SCALE

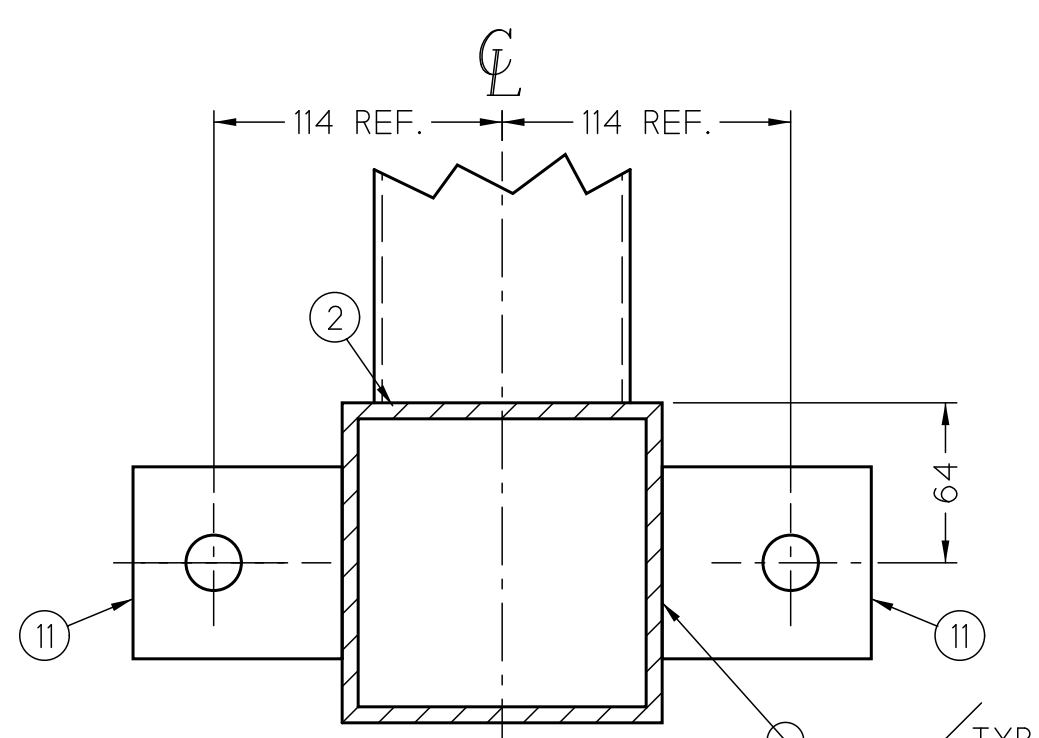
DETAIL "B"
LOWER FLANGE
5x SCALE



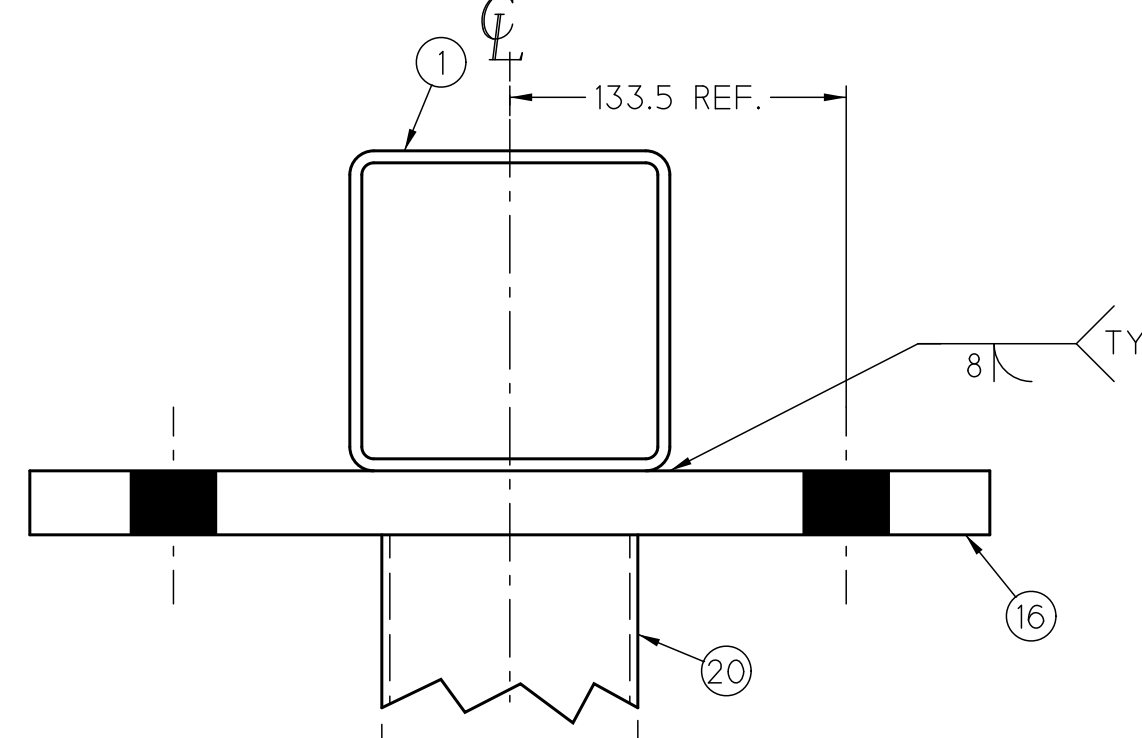
SECTION "A-A"
5x SCALE
ITEM 12 OMITTED FOR CLARITY



SECTION "C-C"
5x SCALE



SECTION "B-B"
5x SCALE

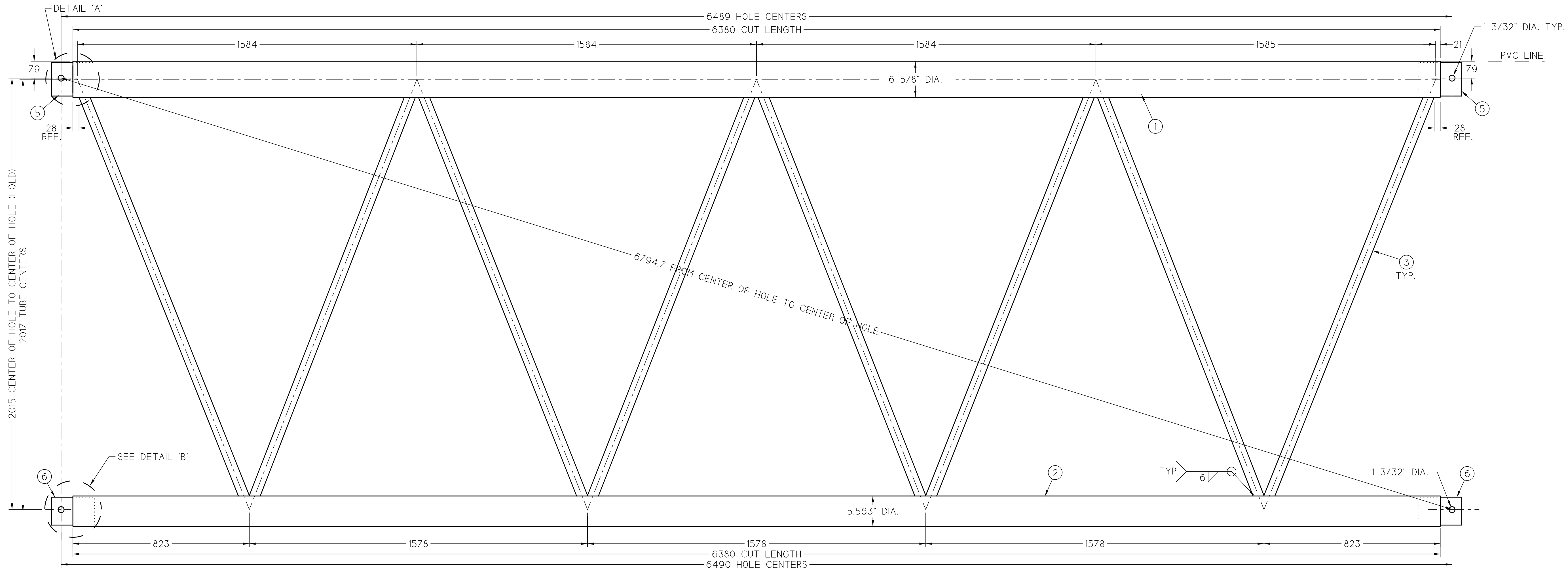


SECTION "D-D"
5x SCALE

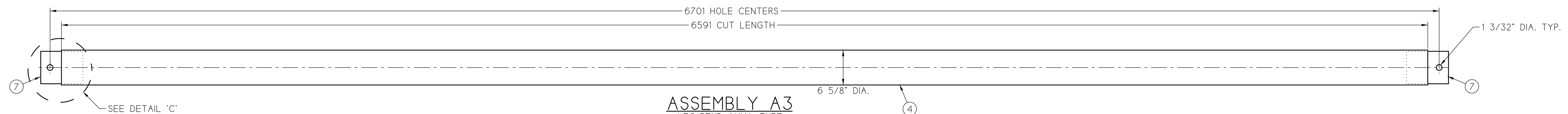
- NOTES:
- 1.) BREAK SHARP CORNERS FOR PVC.
 - 2.) SEE DRAWING 11006 FOR GENERAL WELD NOTES.
 - 3.) BILL OF MATERIAL IS FOR ONE ASSEMBLY.
 - 4.) SEE LUG SCHEMATIC FOR LUG DETAILS NOT SHOWN.
 - 5.) DIMENSIONS NOT LABELED WITH UNITS ARE IN MILLIMETERS.
 - 6.) SEE DRAWING 38533 FOR STRUT CUTTING DETAILS.

ITEM	QTY.	DESCRIPTION	SPEC.	Fy MIN. (ksi)
1	1	TS 5" x 5" x 1/4"	A500	50
2	1	TS 5" x 5" x 1/4"	A500	50
3	2	TS 4" x 2" x 1/8"	A500	50
4	2	TS 4" x 3" x 3/16"	A500	50
5	2	TS 4" x 3" x 1/4"	A500	50
6	2	TS 4" x 2" x 3/16"	A500	50
7	4	FLAT 5" x 1" x 3/56	44W	44
8	6	FLAT 4" x 1/2" x 3/56	A36	36
9	4	FLAT 4" x 1/2" x 127	A36	36
10	4	FLAT 3 1/2" x 1/2" x 127	A36	36
11	6	FLAT 3" x 3/8" x 89	A36	36
12	24	FLAT 2 1/2" x 1/4" x 52	A36	36
16	1	FLAT 5" x 1" x 381	A36	36
20	1	TS 4" x 2" x 1/8"	A500	50

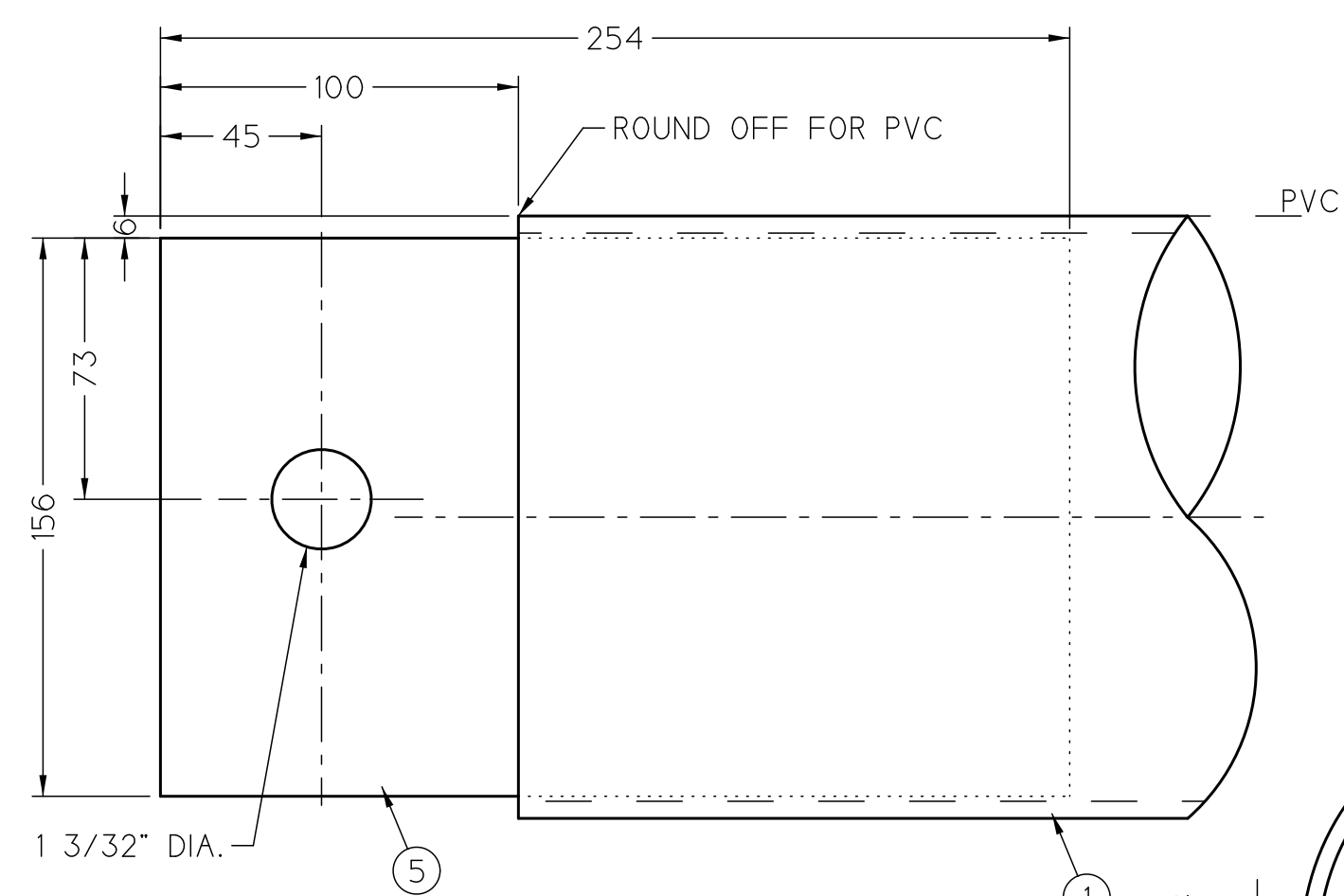
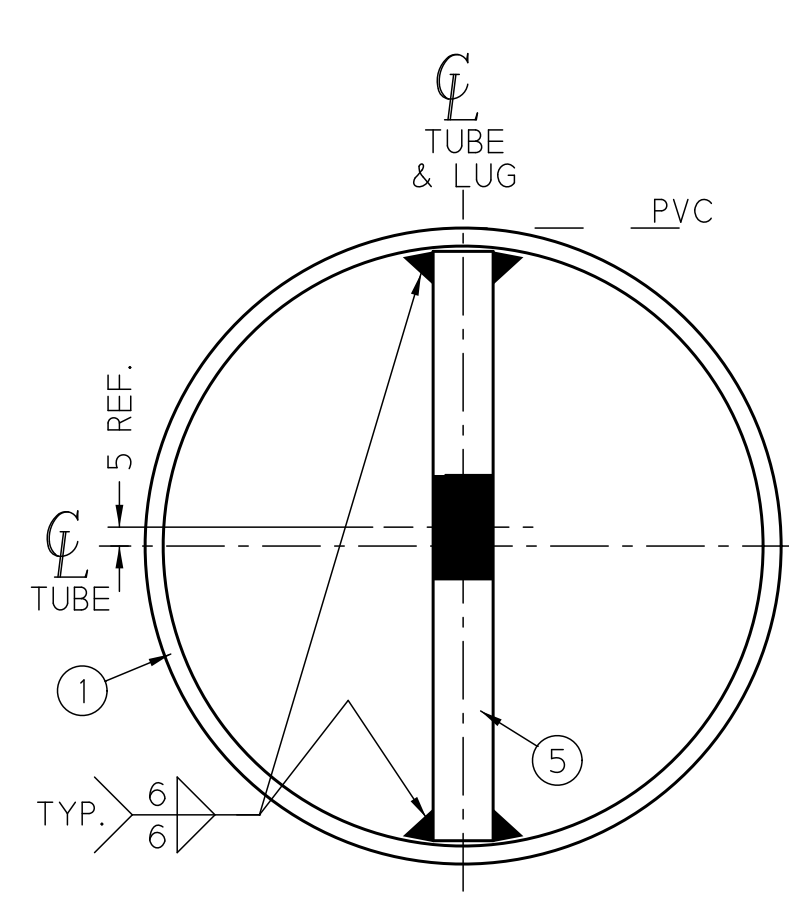
REV.	DESCRIPTION	DRAWN	APP.	DATE
51.8m AVG / 6.7m LEG INTERMEDIATE ROOF TRUSS - 2000 BRACED SPAN				
DRAWN: GES 5-15-05 APP: DATE:	SCALE: 1 : 15 JOB #: 05014 JOB NAME: MERRILL RUBB VII	This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.		
RUBB, INC. SANFORD MAINE 04073 TEL: 207-324-2877 FAX 207-324-2347				DRAWING NO.: 40244



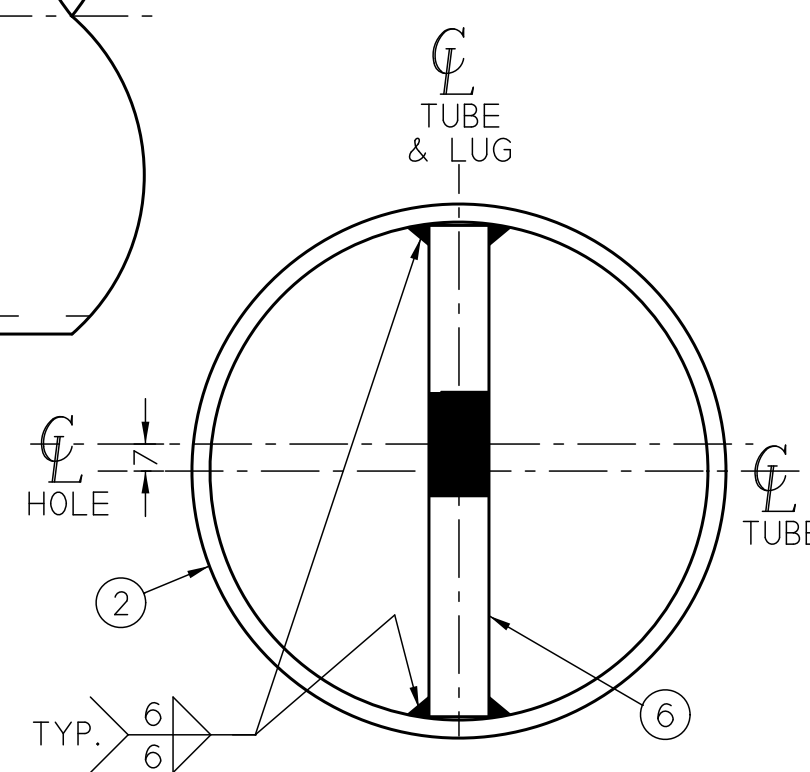
ASSEMBLY A2
NON-PEAK AXIAL FRAME



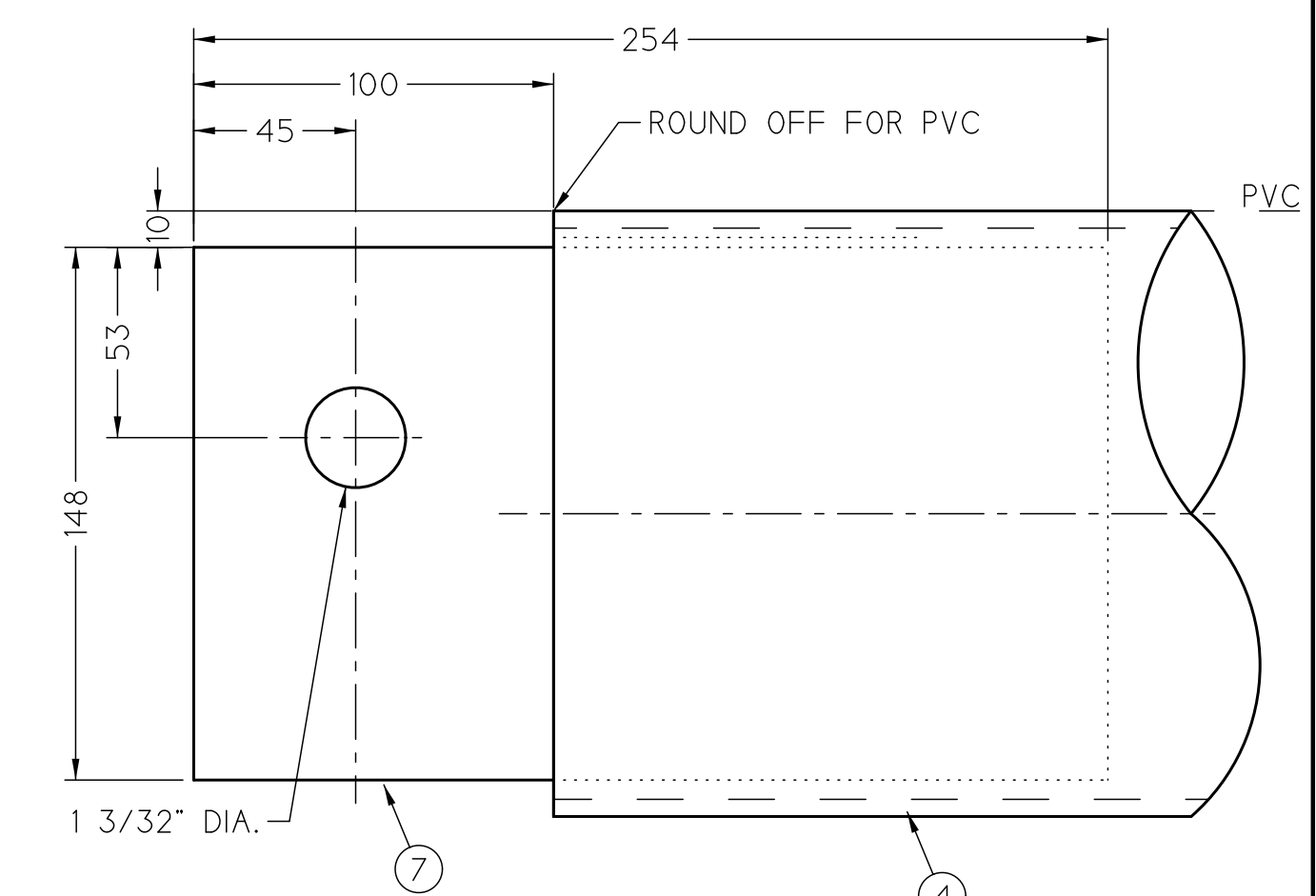
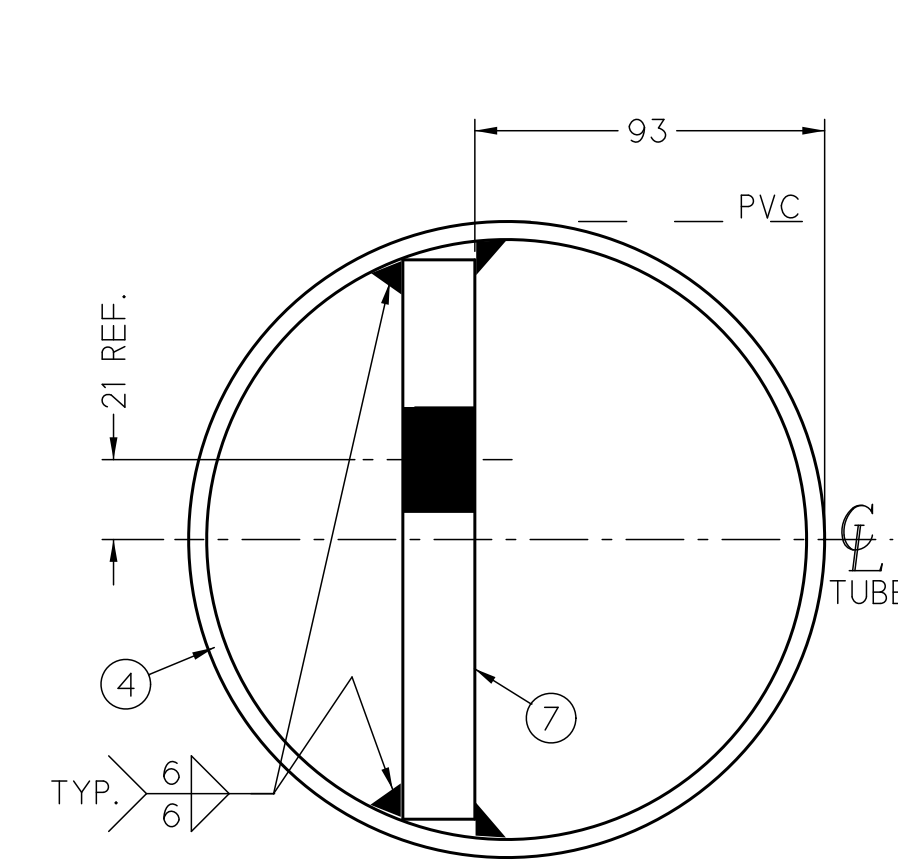
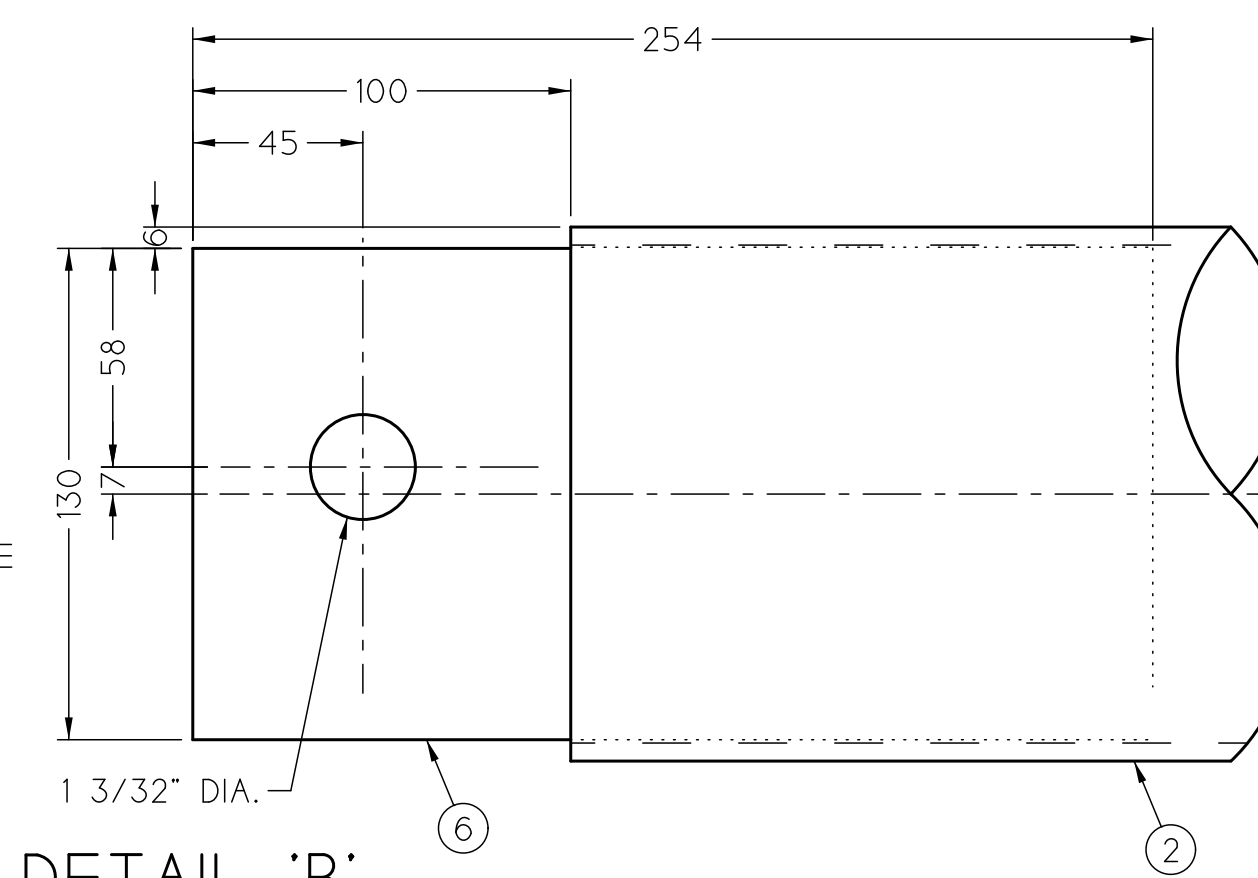
ASSEMBLY A3
LEG-BEND AXIAL TUBE



DETAIL 'A'
5x SCALE



DETAIL 'B'
5x SCALE



DETAIL 'C'
5x SCALE

- NOTES:
 1.) BREAK SHARP CORNERS FOR PVC.
 2.) SEE DRAWING 11006 FOR GENERAL WELD NOTES.
 3.) BILL OF MATERIAL IS FOR ONE OF EACH ASSEMBLY.
 4.) SEE PURLIN PROFILE DRAWING FOR LOCATIONS.
 5.) DIMENSIONS NOT LABELED WITH UNITS ARE IN MILLIMETERS.
 6.) VENT ALL TUBES FOR GALVANIZING.

ITEM	QTY.	DESCRIPTION	SPEC.	F _y MIN.
1	1	TUBE 6 5/8" DIA. x 0.188" x 6380	A500	50
2	1	TUBE 5.563" DIA. x 0.188" x 6380	A500	50
3	8	TUBE 1.9" DIA. x 0.109" x TO FIT	A500	50
4	1	TUBE 6 5/8" DIA. x 0.188" x 6591	A500	50
5	2	FLAT 10" x 5/8" x 156	A36	36
6	2	FLAT 10" x 5/8" x 130	A36	36
7	2	FLAT 10" x 3/4" x 148	A36	36
8	-	-	-	-

REV.	DESCRIPTION	DRAWN	APP.	DATE
1	51.8m AVC / 6.7m LEG AXIAL STEEL SHEET 1 OF 3			

RUBB
BUILDING SYSTEMS

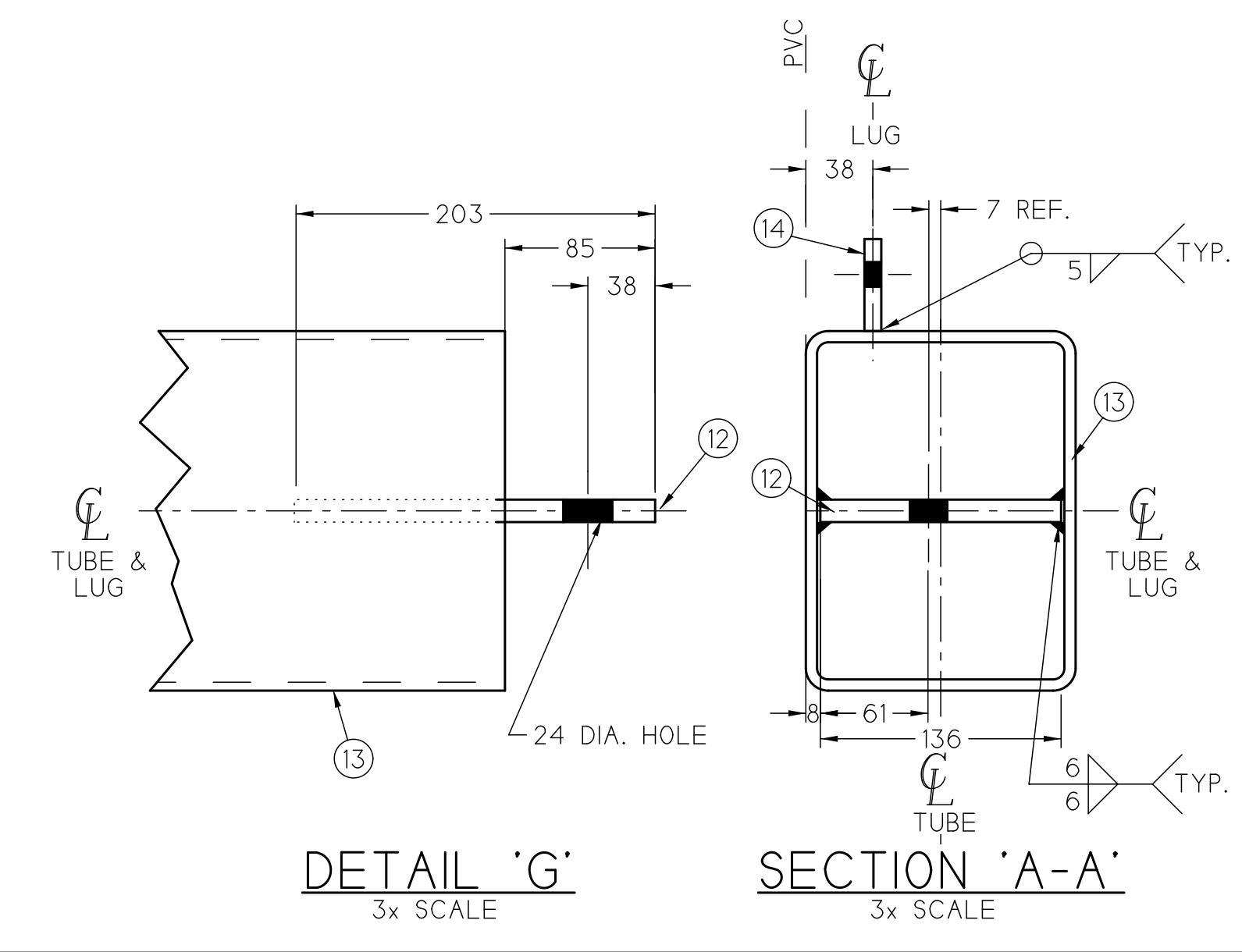
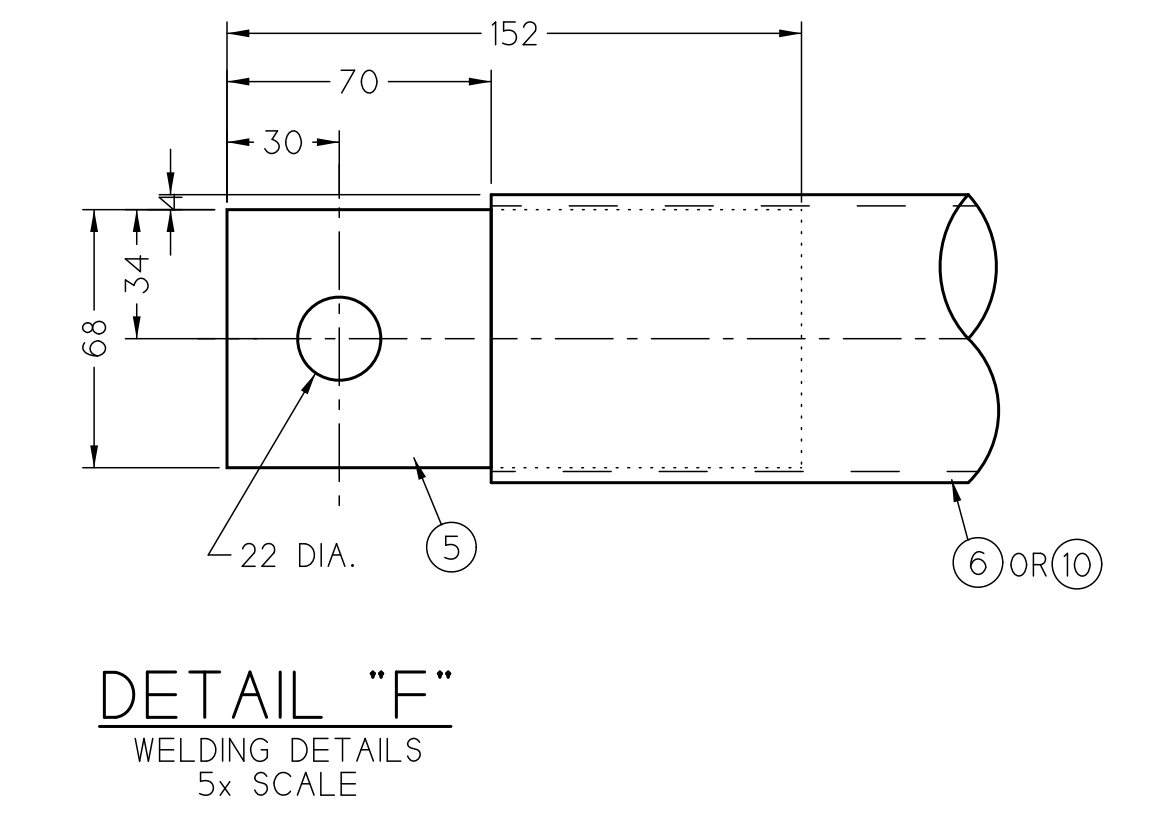
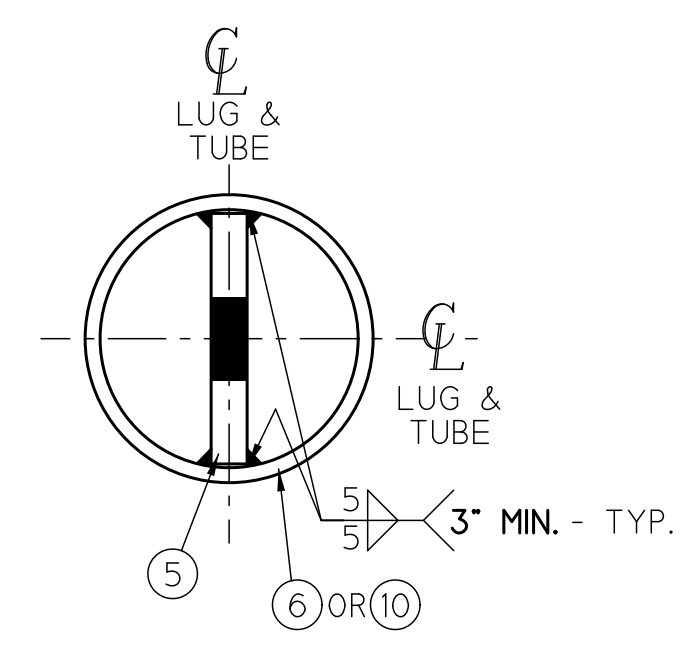
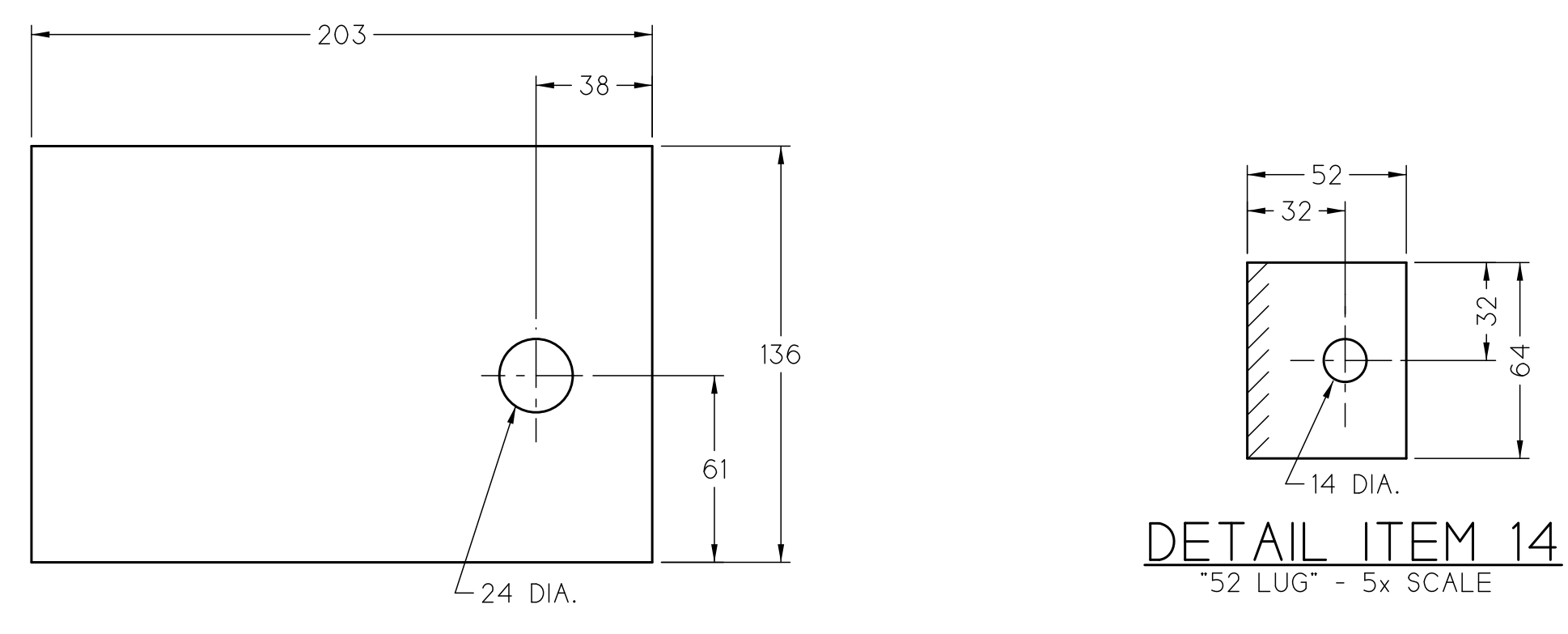
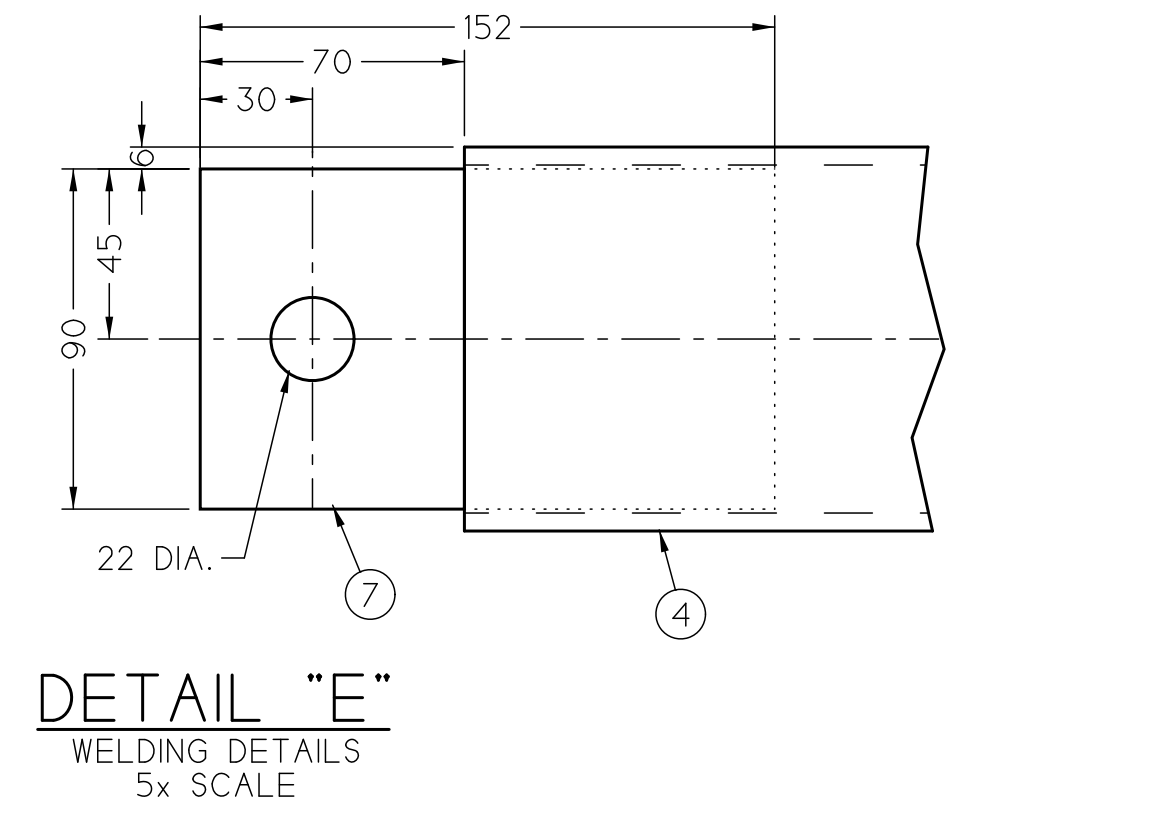
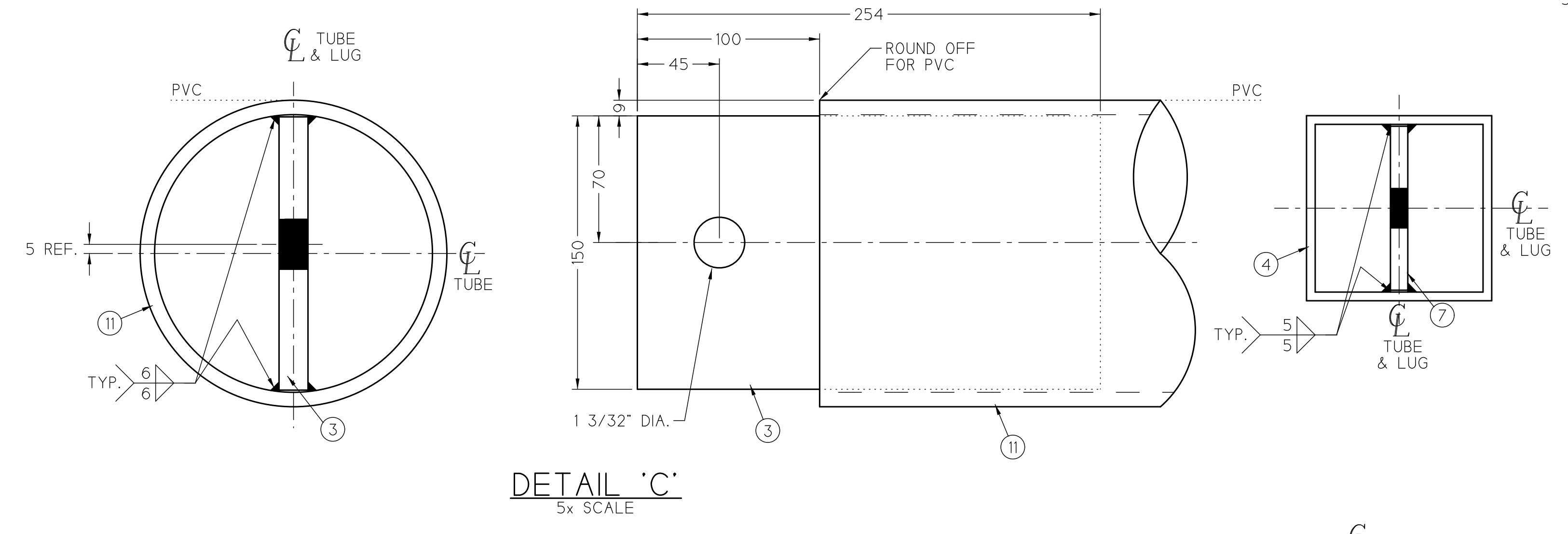
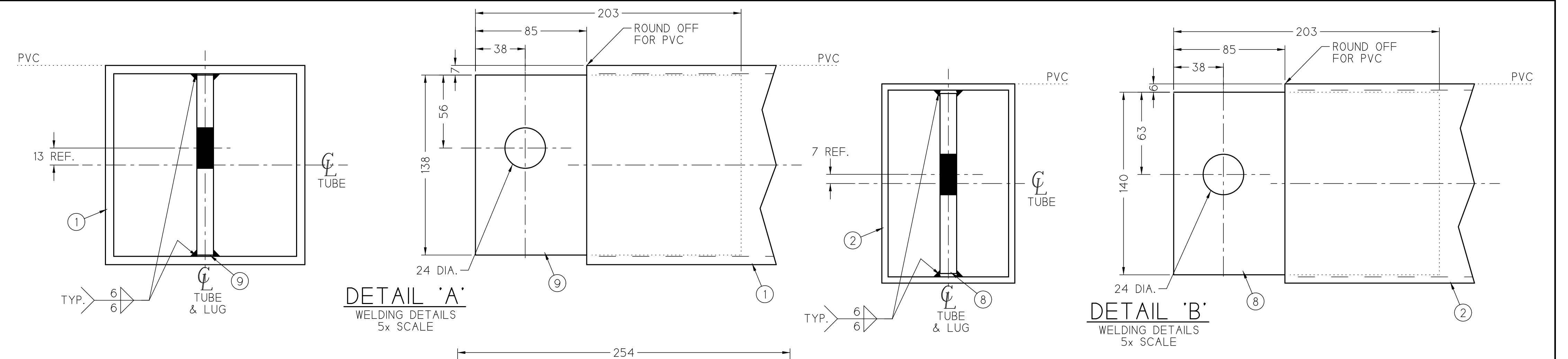
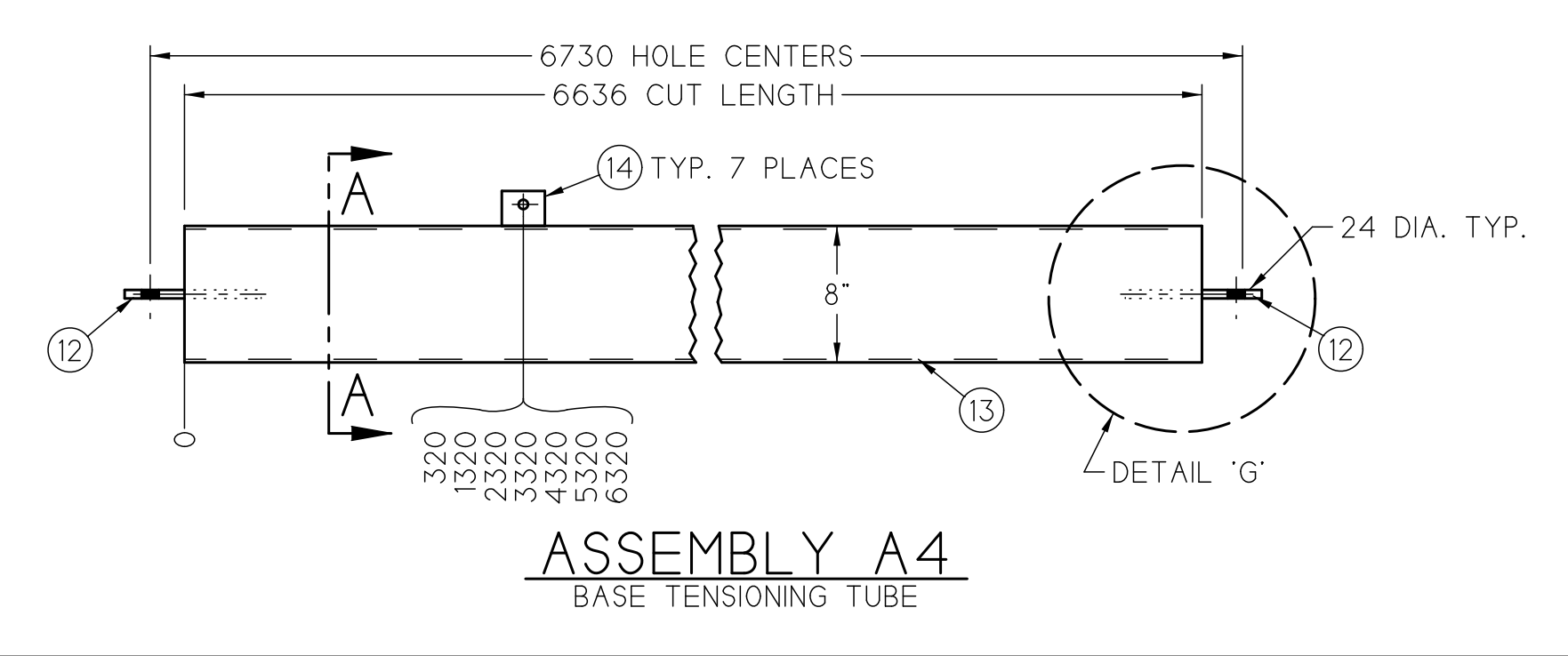
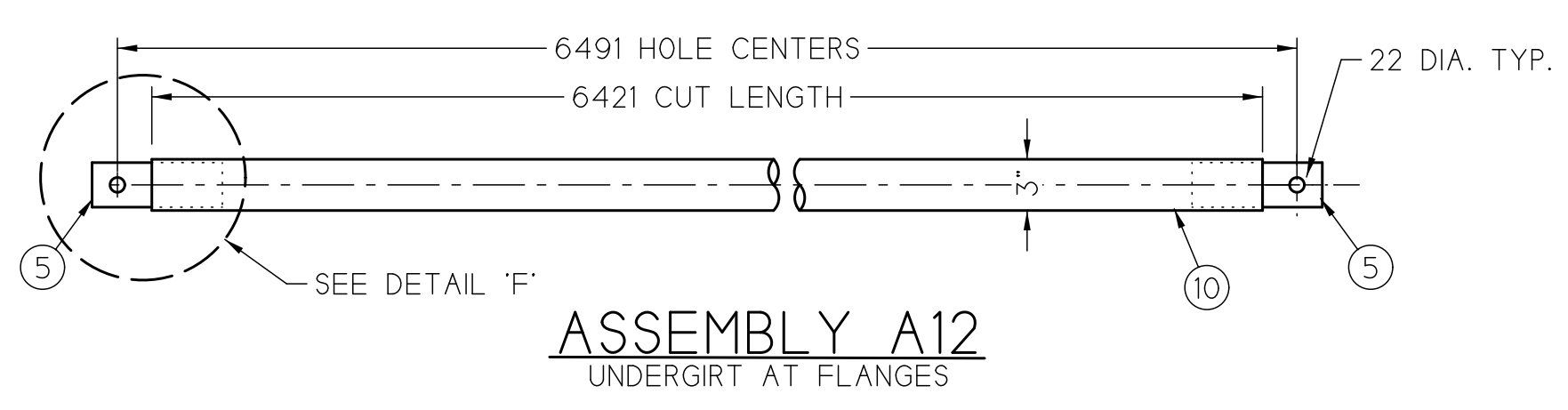
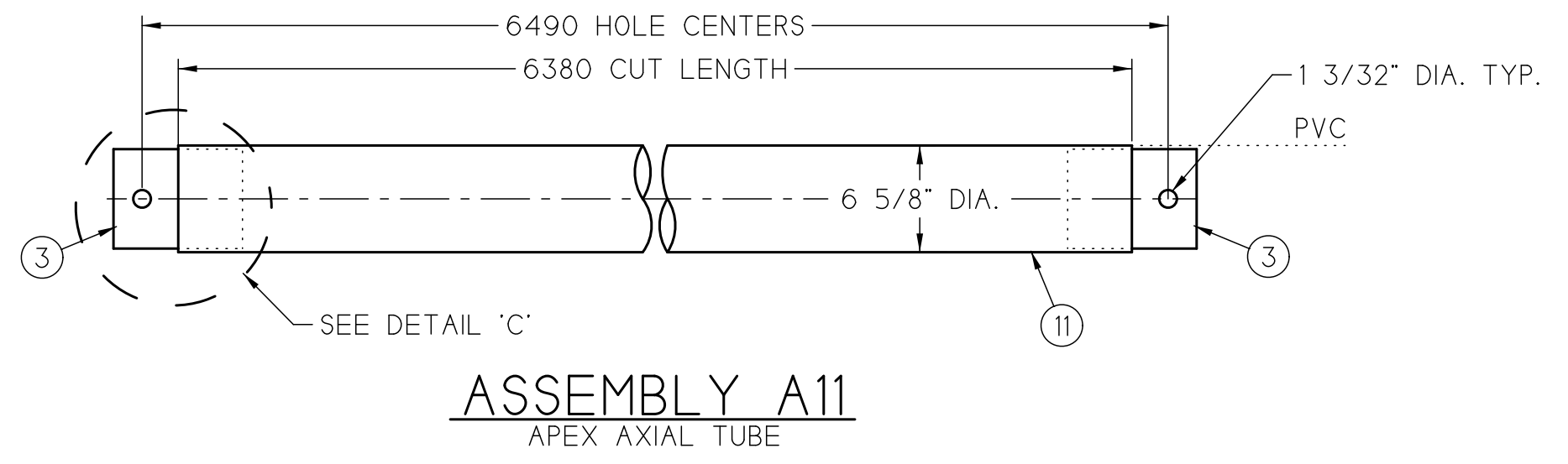
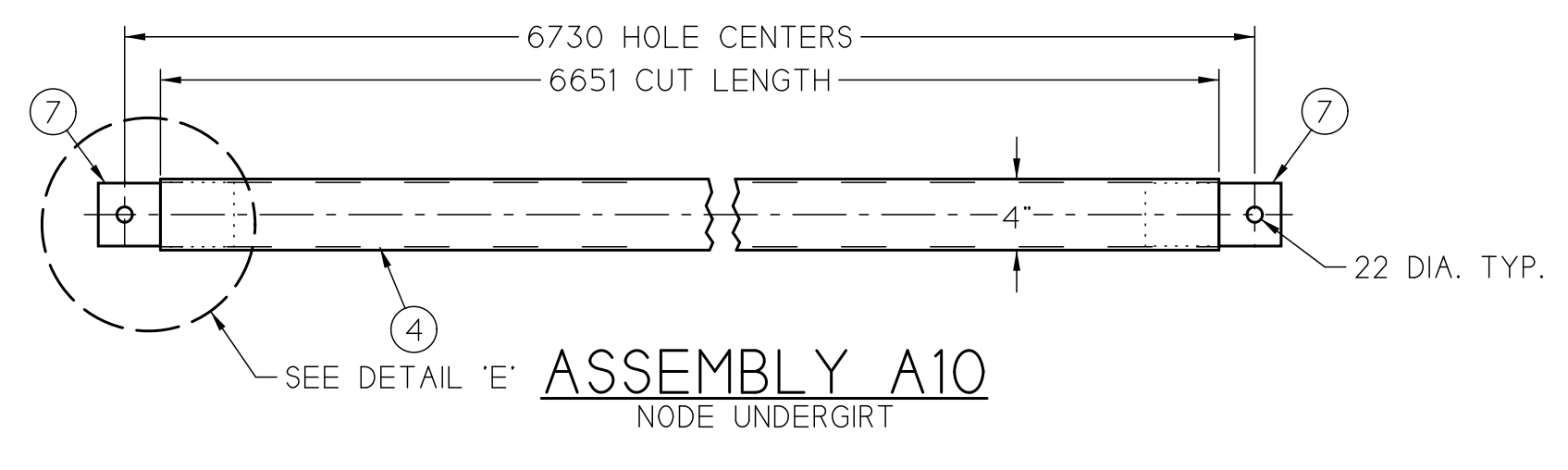
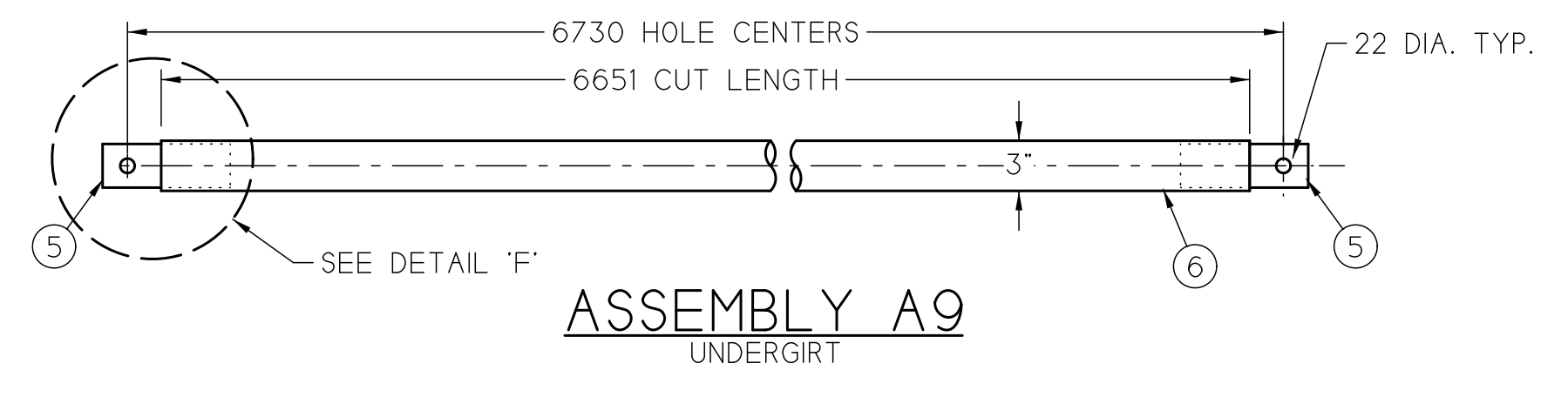
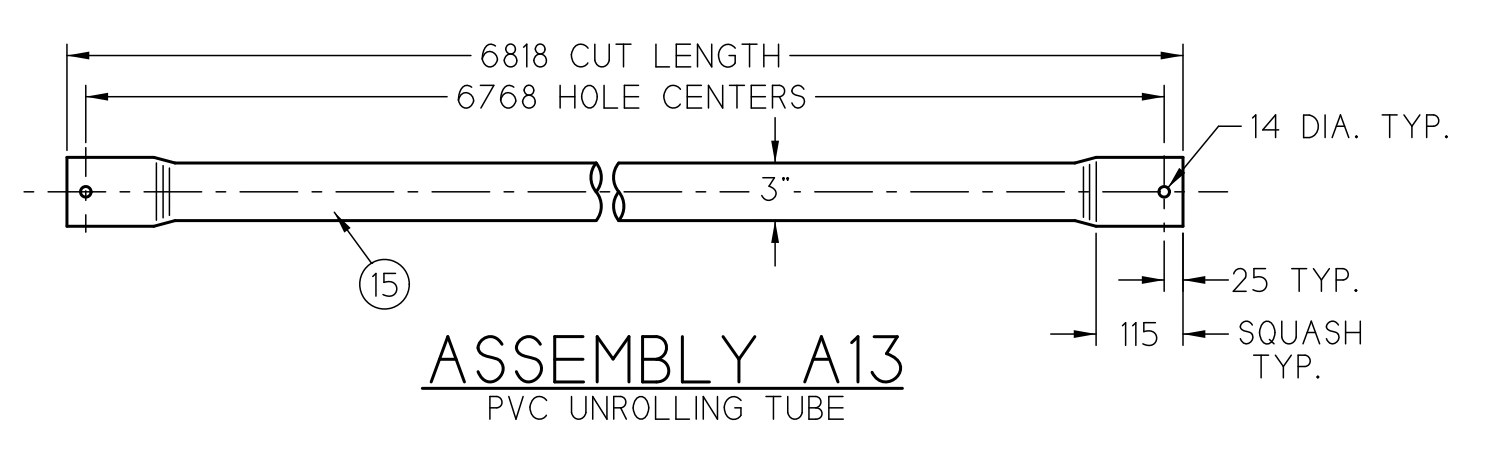
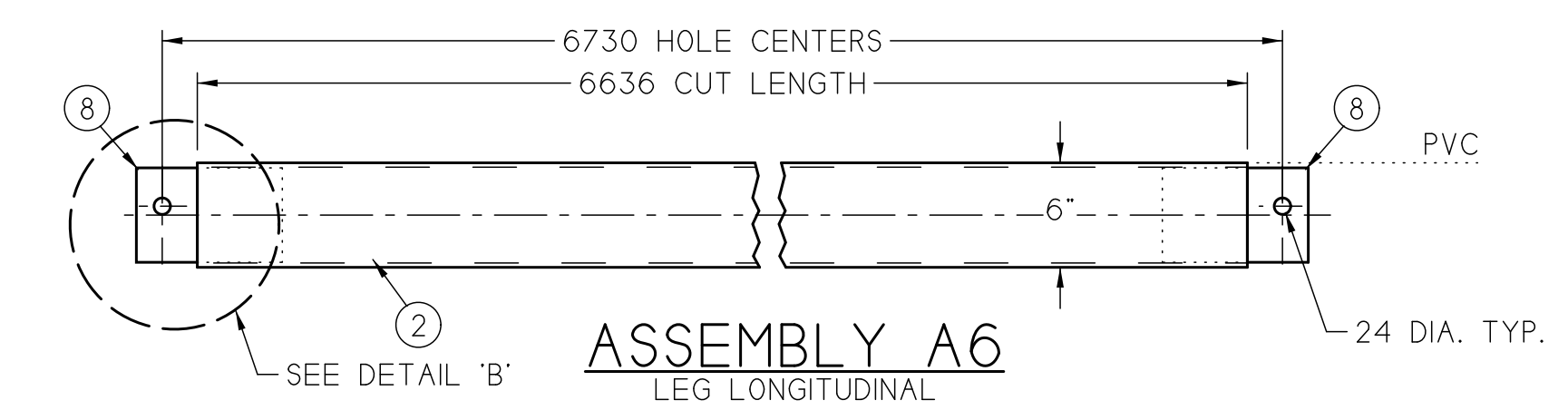
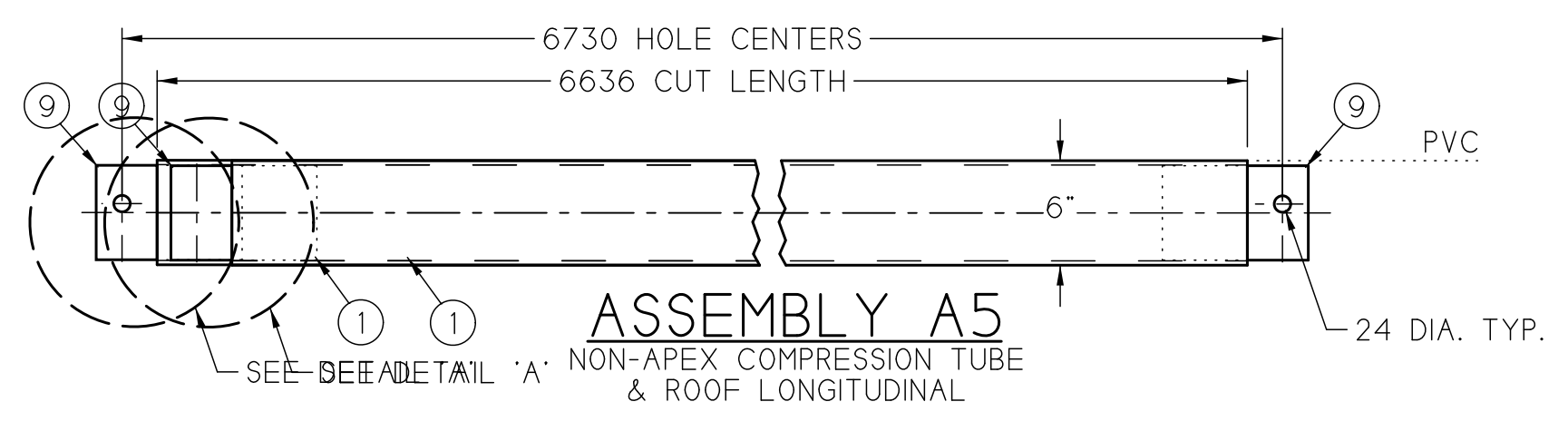
SCALE: 1 : 10

JOB #: 05014

JOB NAME: MERRILL RUBB VII

RUBB, INC. SANFORD MAINE 04073
TEL: 207-324-2877 FAX 207-324-2347

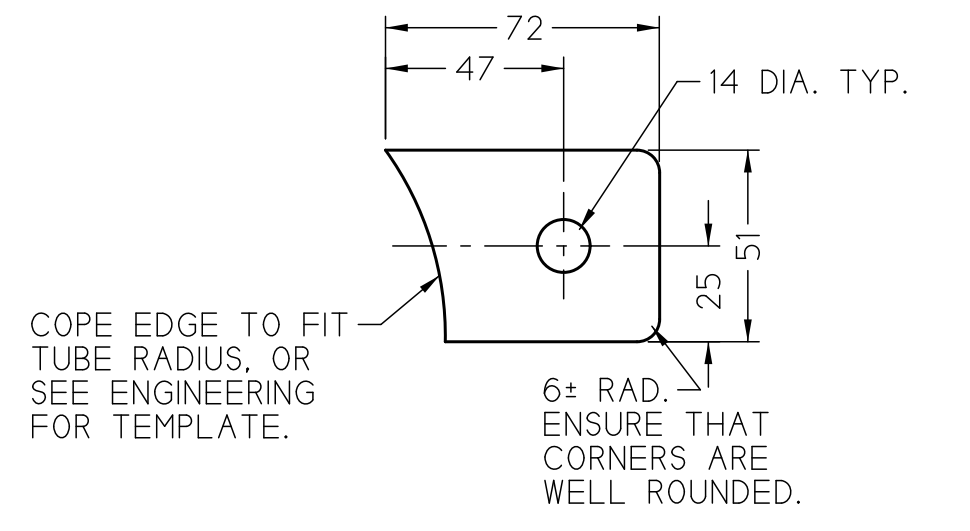
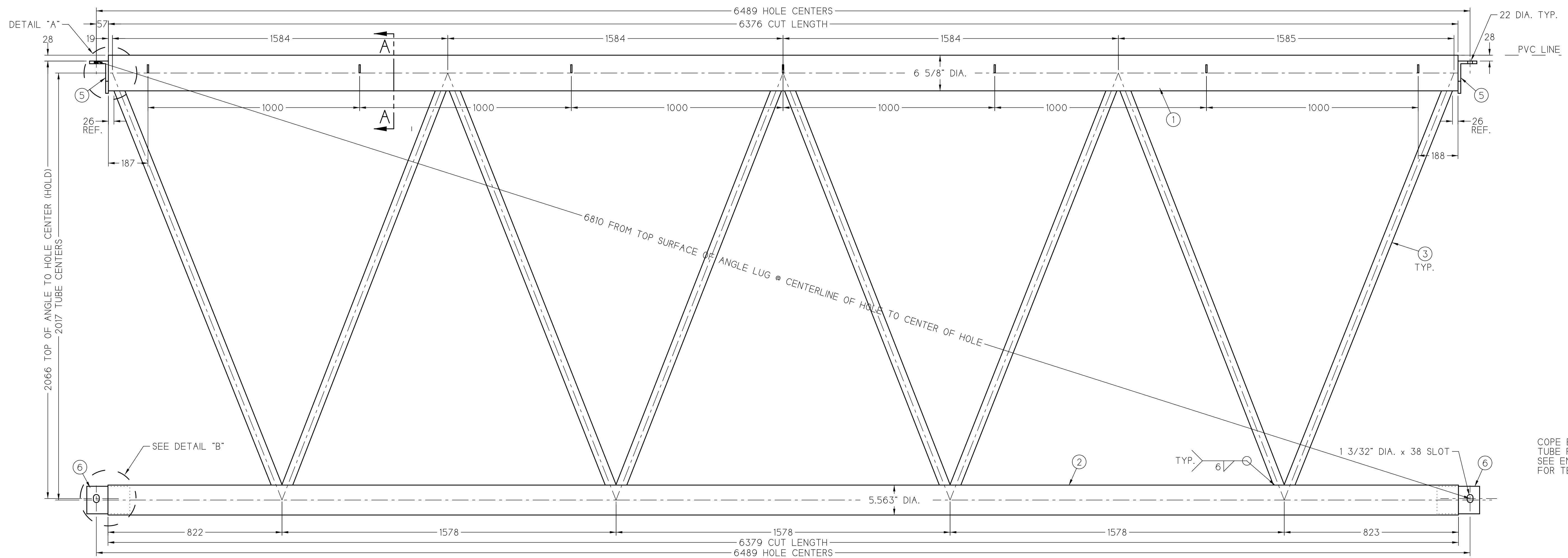
DRAWING NO. 40245



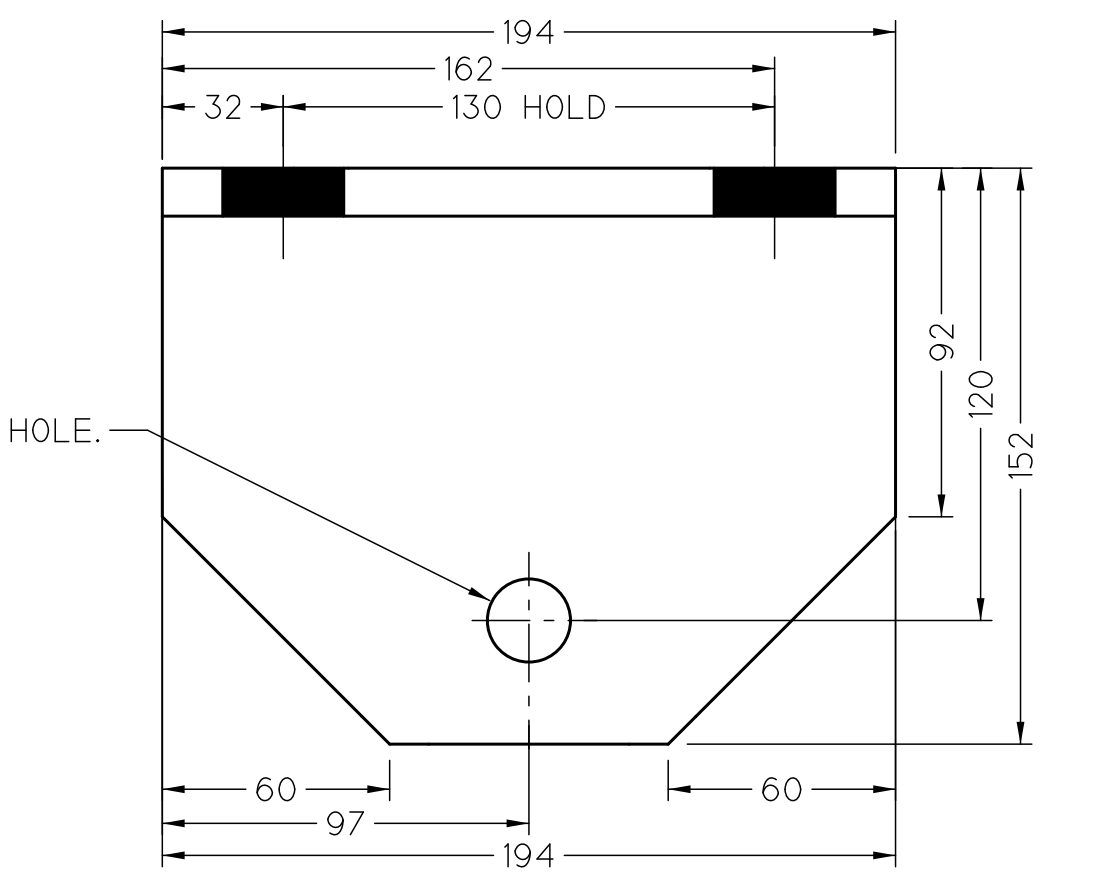
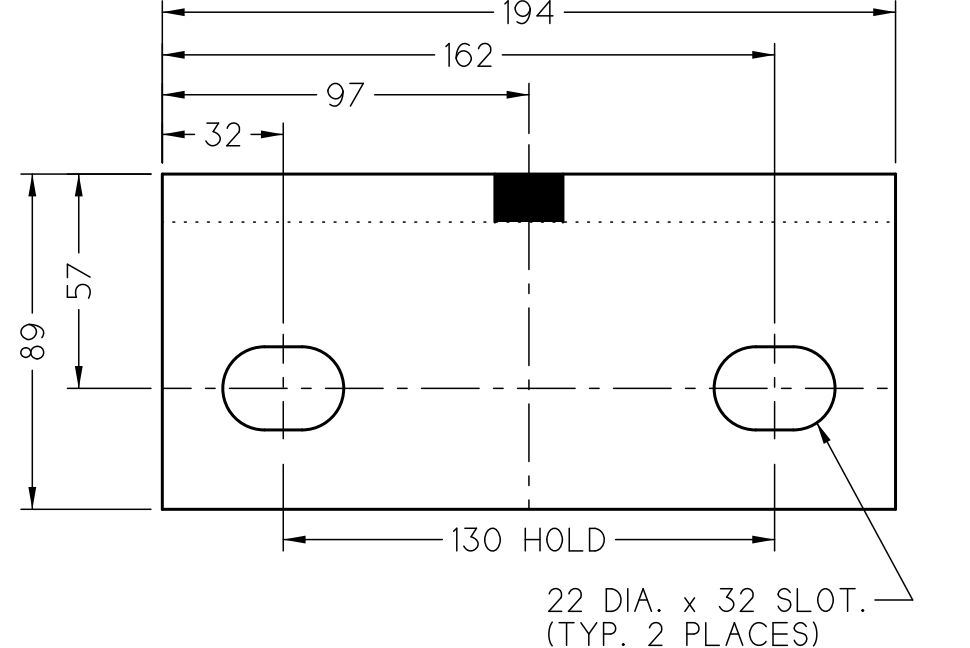
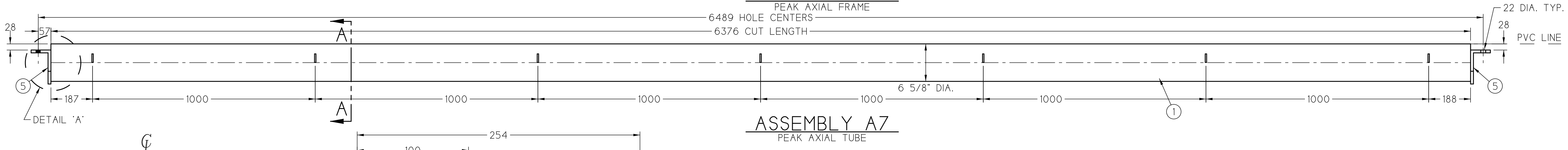
NOTES:
 1.) BREAK SHARP CORNERS FOR PVC.
 2.) SEE DRAWING 11006 FOR GENERAL WELD NOTES.
 3.) BILL OF MATERIAL IS FOR ONE OF EACH ASSEMBLY.
 4.) SEE PURLIN PROFILE FOR LOCATIONS.
 5.) DIMENSIONS NOT LABELED WITH UNITS ARE IN MILLIMETERS.
 6.) VENT ALL TUBES FOR GALVANIZING.

ITEM	QTY.	DESCRIPTION	SPEC.	F _y MIN.
1	1	TS 6" x 6" x 1/4" x 6636	A500	50
2	1	TS 6" x 4" x 3/16" x 6636	A500	50
3	2	FLAT 10" x 5/8" x 150	A36	36
4	1	TS 4" x 4" x 3/16" x 6651	A500	50
5	4	FLAT 6" x 3/8" x 68	A36	36
6	1	TUBE 3" DIA. x 0.120" x 6651	A500	50
7	2	FLAT 6" x 3/8" x 90	A36	36
8	2	FLAT 8" x 1/2" x 140	A36	36
9	2	FLAT 8" x 1/2" x 138	A36	36
10	1	TUBE 3" DIA. x 0.120" x 6421	A500	50
11	1	TUBE 6 5/8" DIA. x .312" x 6380	A500	50
12	2	FLAT 8" x 1/2" x 136	A36	36
13	1	TUBE 8" x 6" x 1/4" x 6636	A500	50
14	7	FLAT 2 1/2" x 1/4" x 52	A36	36
15	1	TUBE 3" DIA. x 0.120" x 6818	A500	50

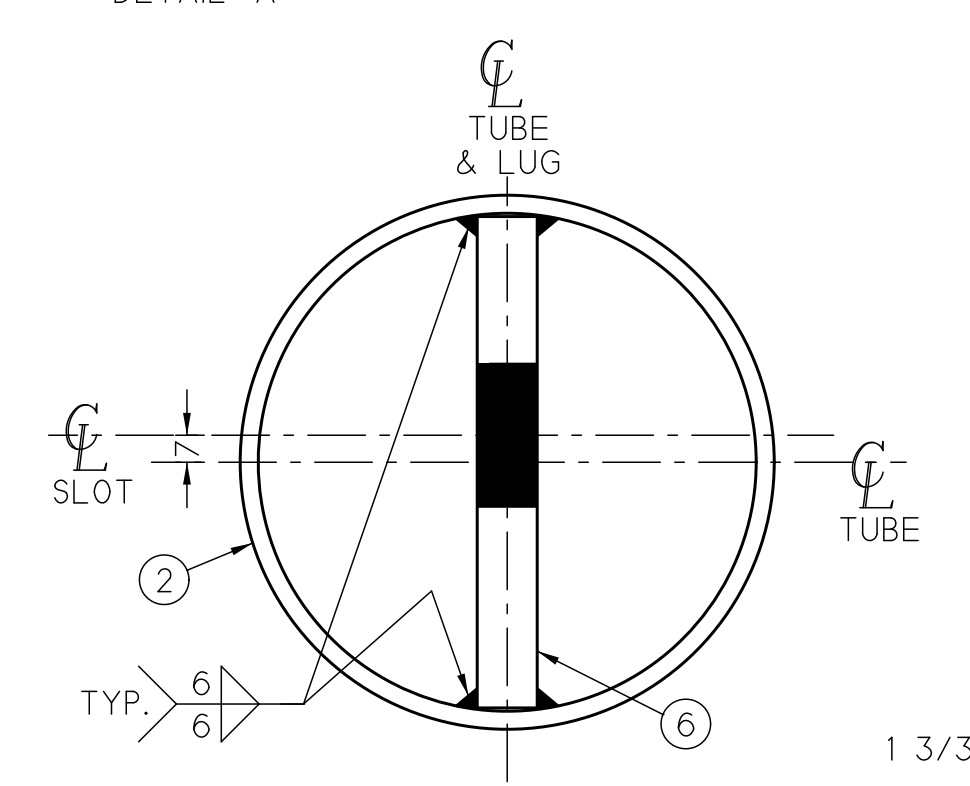
REV.	DESCRIPTION	DRAWN	APP.	DATE
TITLE 51.8m BVE / 6.7m LEG AXIAL STEEL SHEET 2 OF 3		SCALE 1 : 10		
DRAWN GES 5/15/05	JOB # 05014	This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.		
DATE	JOB NAME MERRILL RUBB VII	RUBB, INC. SANFORD MAINE 04073 TEL. 207-324-2877 FAX 207-324-2347		
DRAWING NO. 40246				DATE 40246



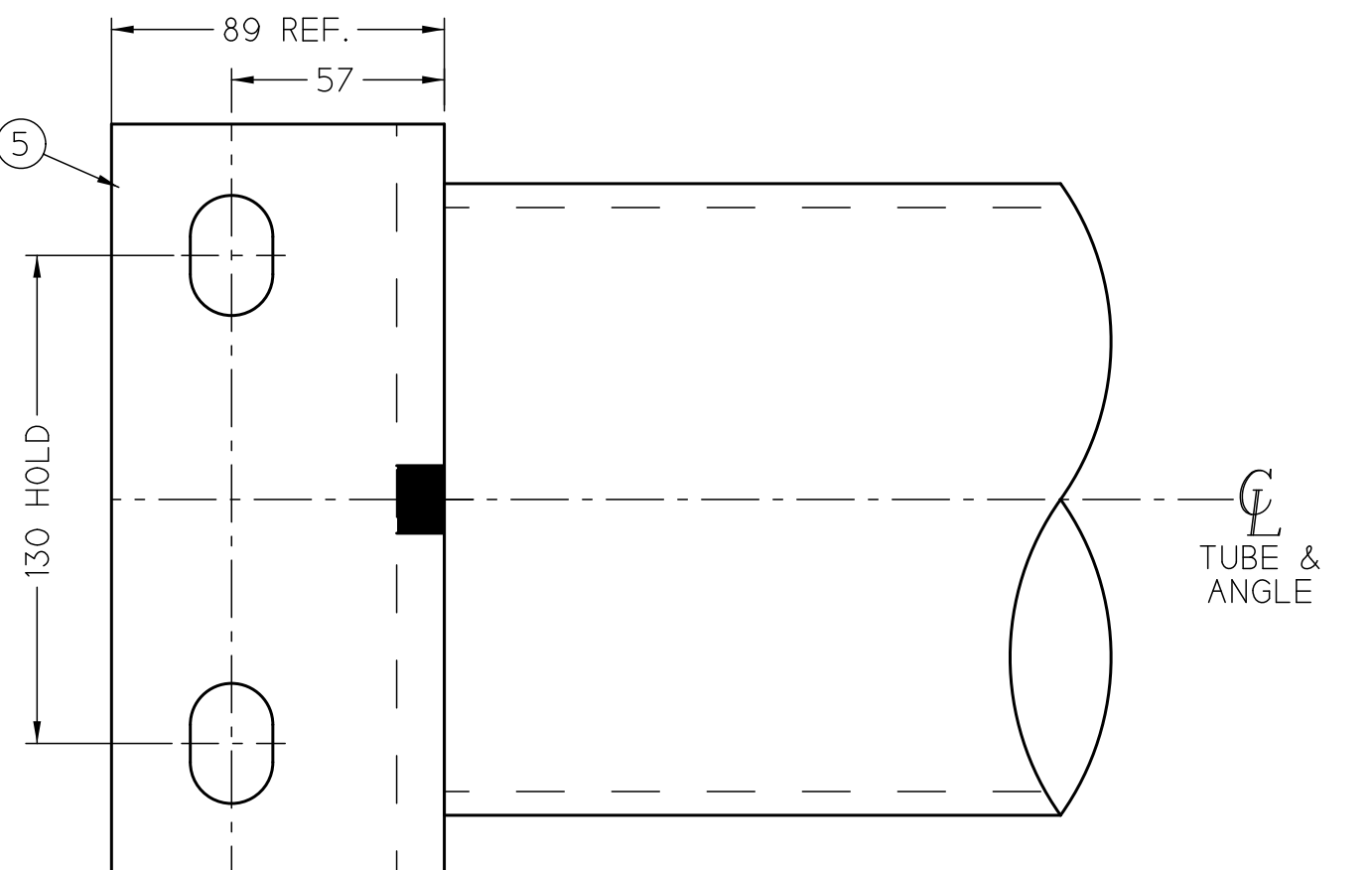
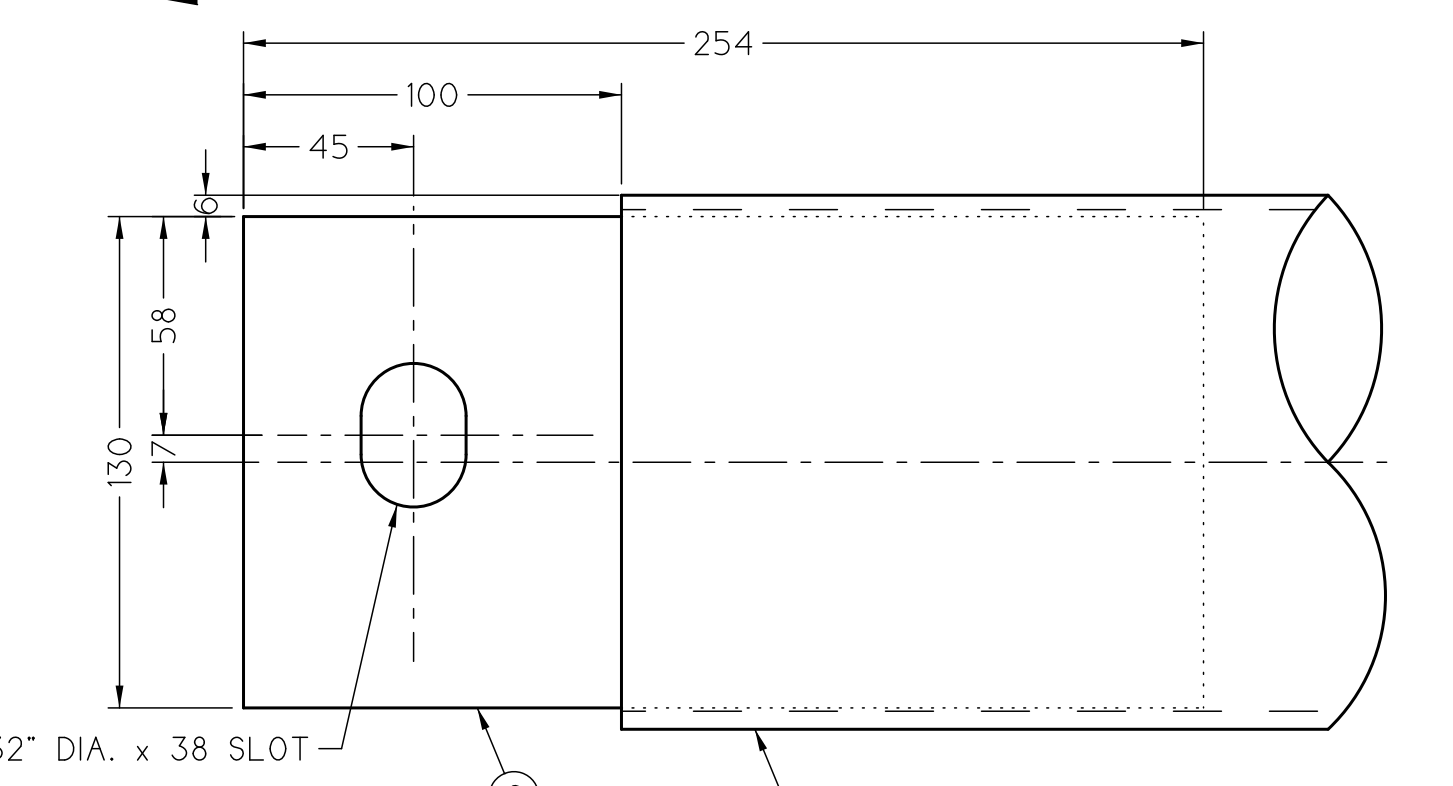
DETAIL ITEM 10
5x SCALE



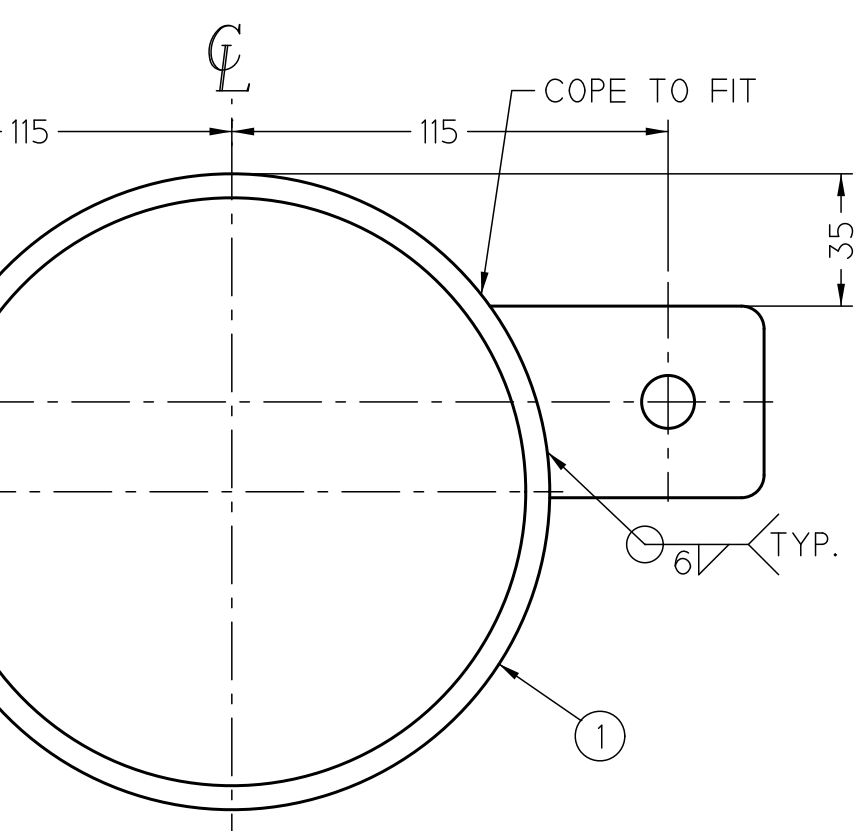
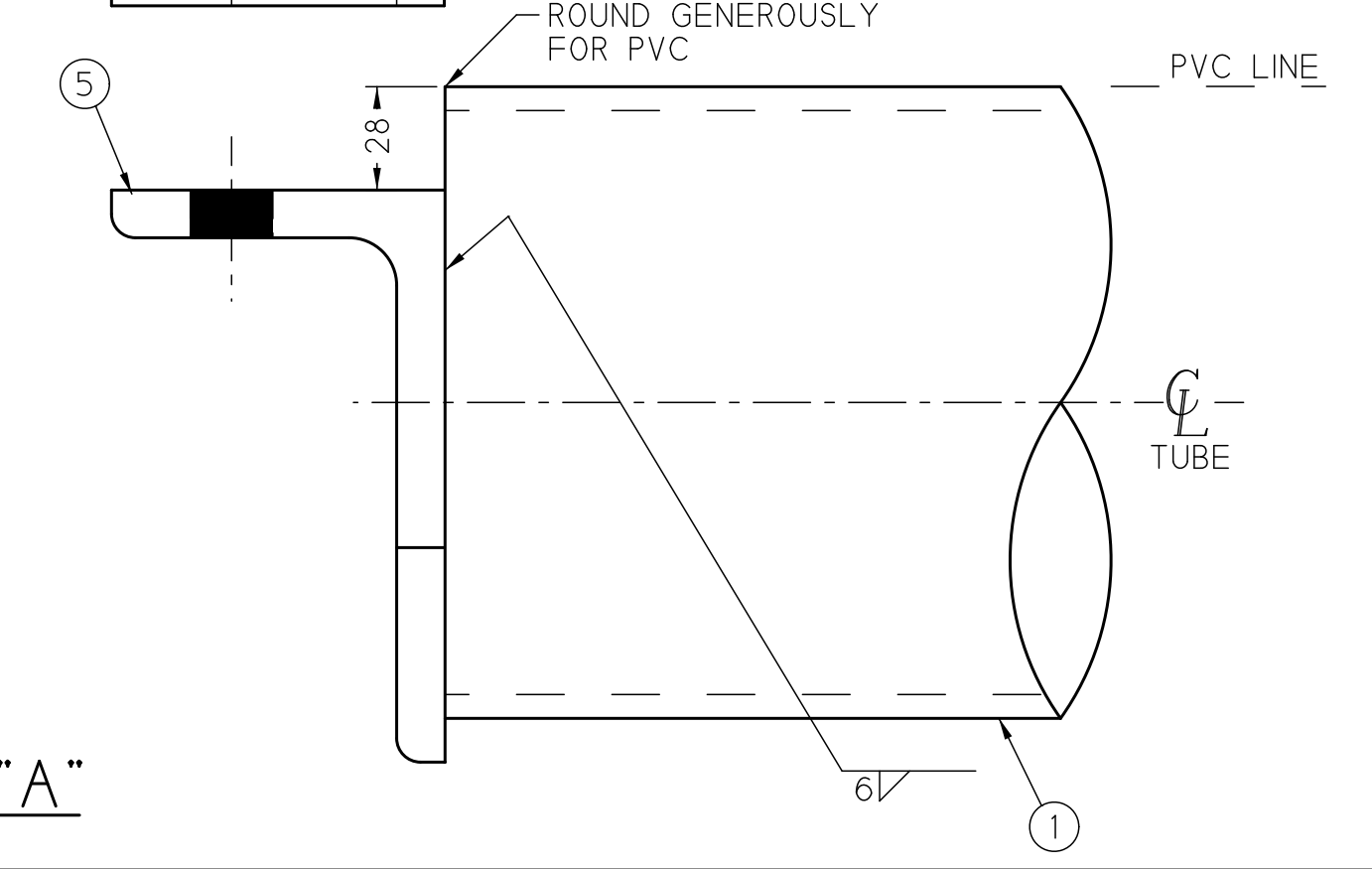
DETAIL ITEM 5
5x SCALE



DETAIL "B"
5x SCALE



DETAIL "A"
5x SCALE

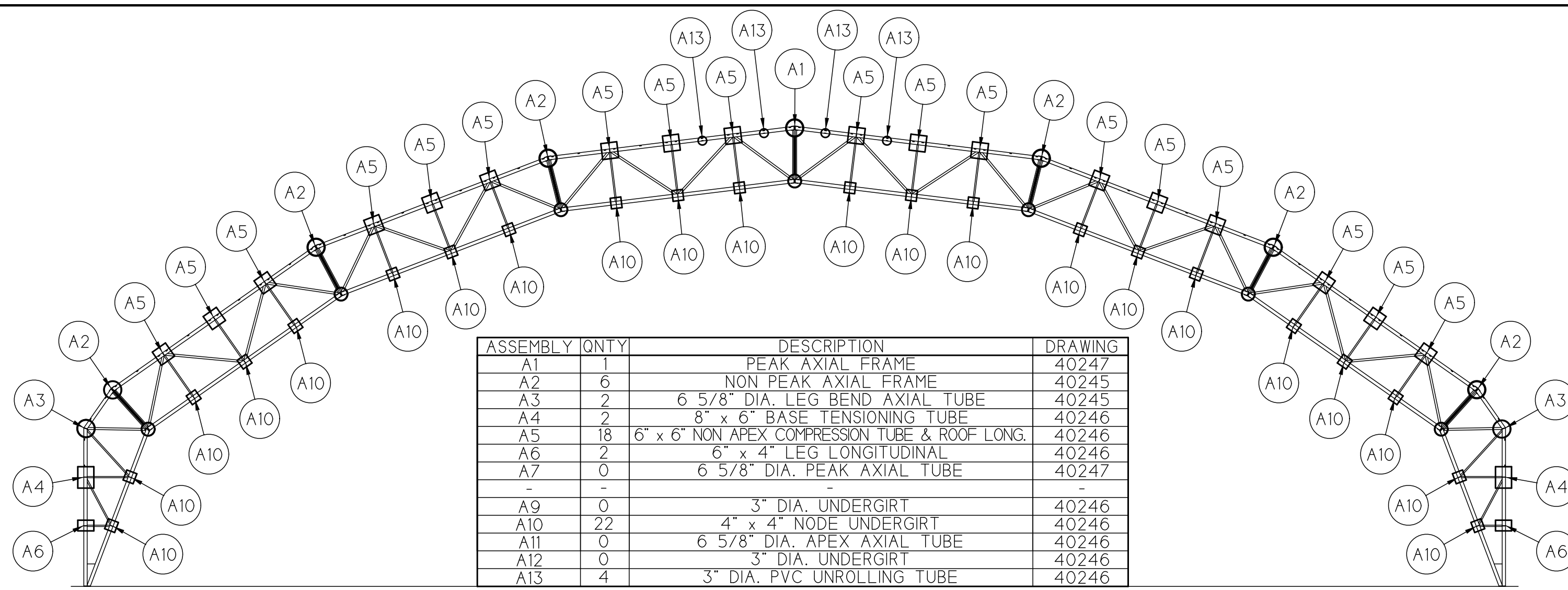


SECTION "A-A"
5x SCALE

- NOTES:
 1.) BREAK SHARP CORNERS FOR PVC.
 2.) SEE DRAWING 11006 FOR GENERAL WELD NOTES.
 3.) BILL OF MATERIAL IS FOR ONE OF EACH ASSEMBLY.
 4.) SEE PURLIN PROFILE DRAWING FOR LOCATIONS.
 5.) DIMENSIONS NOT LABELED WITH UNITS ARE IN MILLIMETERS.
 6.) VENT ALL TUBES FOR GALVANIZING.

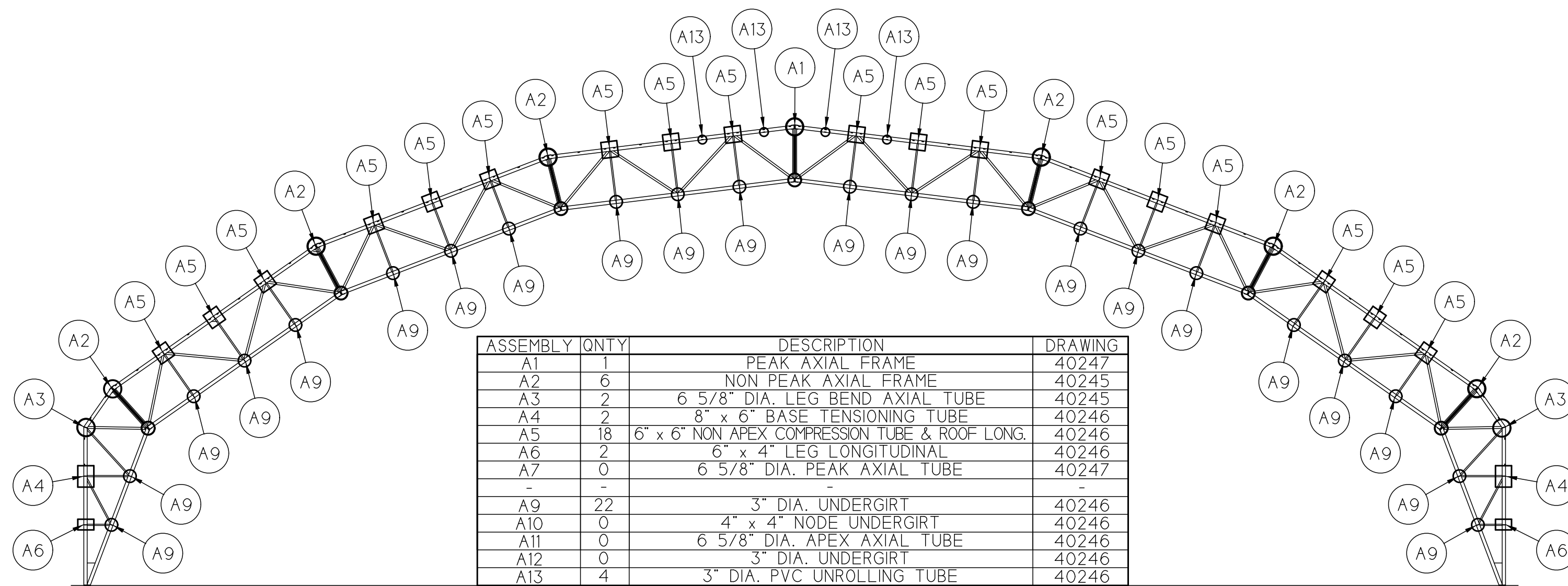
ITEM	QTY.	DESCRIPTION	SPEC.	F _y MIN.
1	2	TUBE 6 5/8" DIA. x 0.250" x 6376	A500	50
2	1	TUBE 5.563" DIA. x 0.188" x 6379	A500	50
3	8	TUBE 1.9" DIA. x 0.109" x TO FIT	A500	50
4	-	-	-	-
5	4	ANGLE 6" x 3 1/2" x 1/2" x 194	A36	36
6	2	FLAT 10" x 5/8" x 130	A36	36
7	-	-	-	-
8	-	-	-	-
9	-	-	-	-
10	28	FLAT 2" x 1/4" x 72	A36	36

REV.	DESCRIPTION	DRAWN	APP.	DATE
<p>We Cover The World RUBB BUILDING SYSTEMS</p>				
TITLE 51.8m BVE / 6.7m LEG AXIAL STEEL SHEET 3 OF 3		SCALE 1 : 10		
DRAWN GES 5-15-05	JOB # 05014	This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.		
DATE MERRILL RUBB VII	JOB NAME MERRILL RUBB VII	RUBB, INC. SANFORD MAINE 04073 TEL. 207-324-2877 FAX 207-324-2347		
DRAWING NO. 40247				



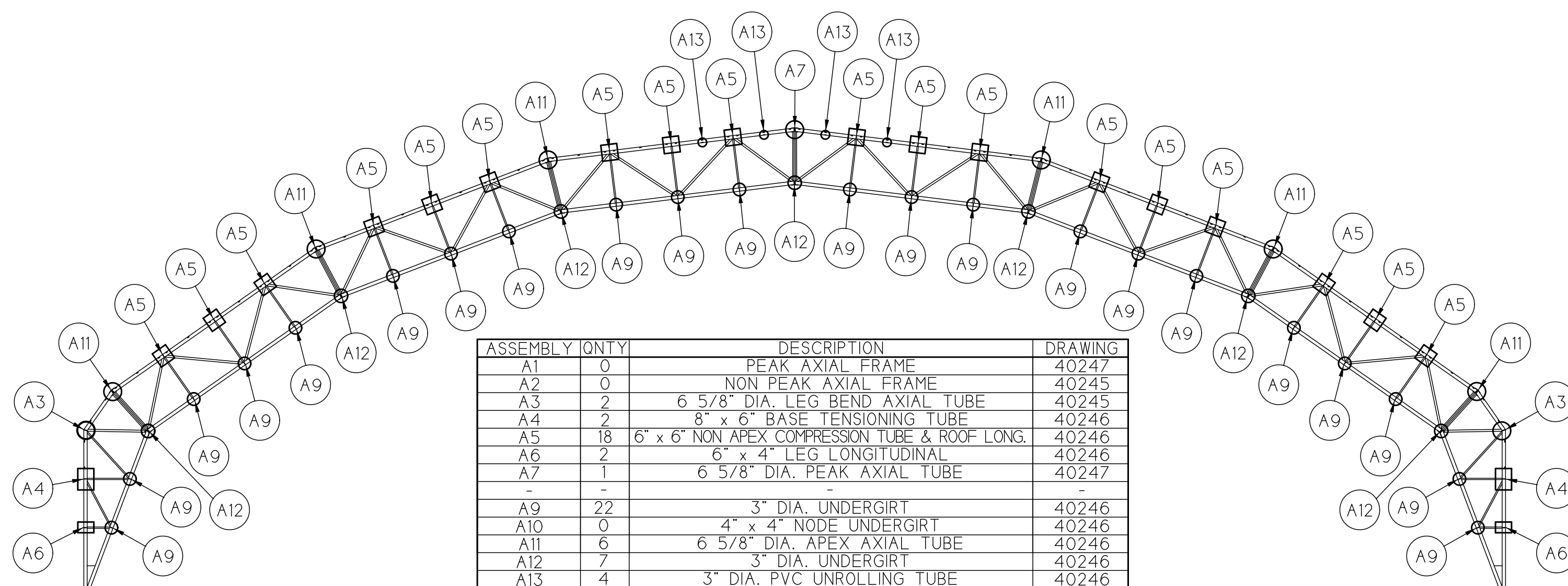
ASSEMBLY	QNTY	DESCRIPTION	DRAWING
A1	1	PEAK AXIAL FRAME	40247
A2	6	NON PEAK AXIAL FRAME	40245
A3	2	6 5/8" DIA. LEG BEND AXIAL TUBE	40245
A4	2	8" x 6" BASE TENSIONING TUBE	40246
A5	18	6" x 6" NON APEX COMPRESSION TUBE & ROOF LONG.	40246
A6	2	6" x 4" LEG LONGITUDINAL	40246
A7	0	6 5/8" DIA. PEAK AXIAL TUBE	40247
A9	0	3" DIA. UNDERGIRT	40246
A10	22	4" x 4" NODE UNDERGIRT	40246
A11	0	6 5/8" DIA. APEX AXIAL TUBE	40246
A12	0	3" DIA. UNDERGIRT	40246
A13	4	3" DIA. PVC UNROLLING TUBE	40246

END BRACED BAY 1



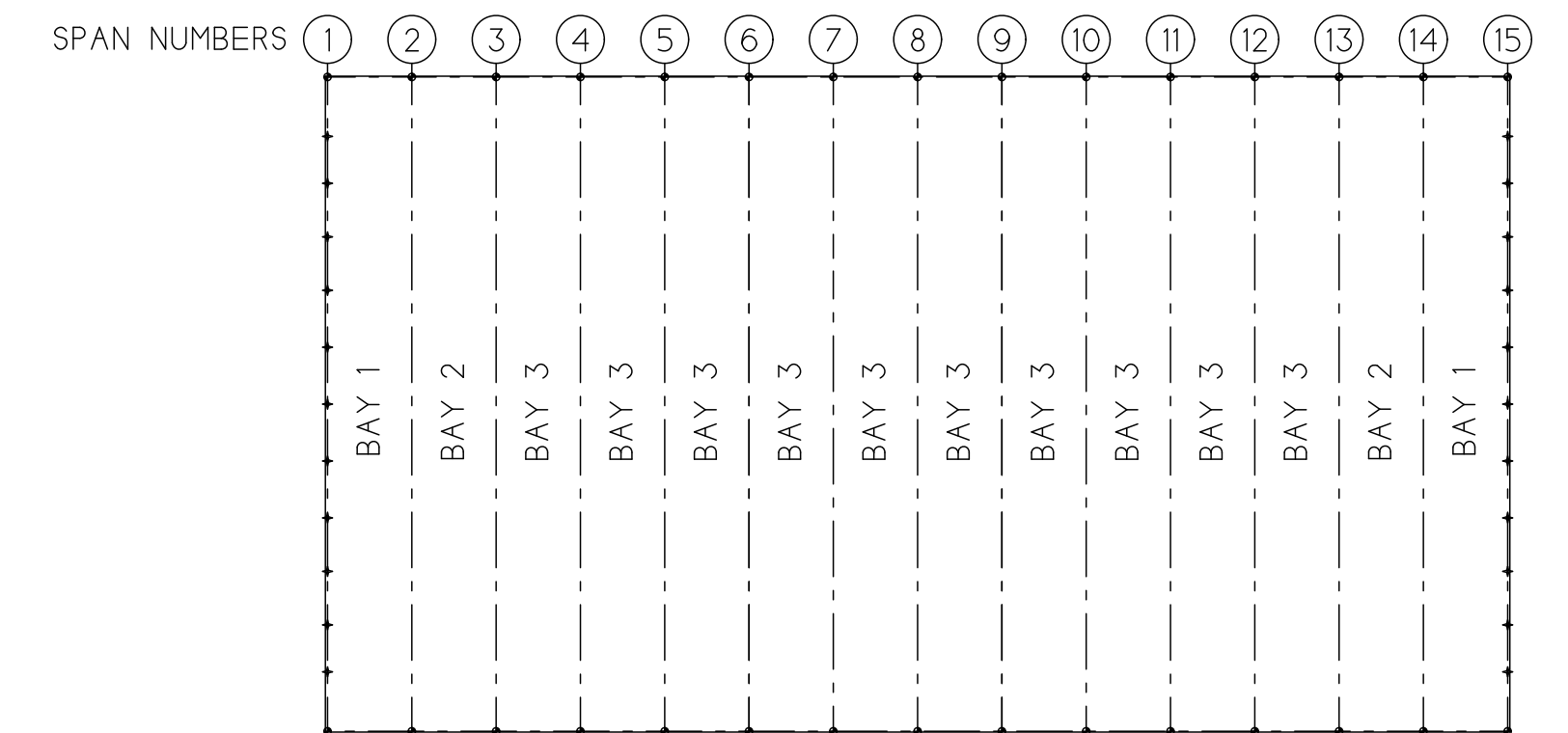
ASSEMBLY	QNTY	DESCRIPTION	DRAWING
A1	1	PEAK AXIAL FRAME	40247
A2	6	NON PEAK AXIAL FRAME	40245
A3	2	6 5/8" DIA. LEG BEND AXIAL TUBE	40245
A4	2	8" x 6" BASE TENSIONING TUBE	40246
A5	18	6" x 6" NON APEX COMPRESSION TUBE & ROOF LONG.	40246
A6	2	6" x 4" LEG LONGITUDINAL	40246
A7	0	6 5/8" DIA. PEAK AXIAL TUBE	40247
A9	22	3" DIA. UNDERGIRT	40246
A10	0	4" x 4" NODE UNDERGIRT	40246
A11	0	6 5/8" DIA. APEX AXIAL TUBE	40246
A12	0	3" DIA. UNDERGIRT	40246
A13	4	3" DIA. PVC UNROLLING TUBE	40246

NON END BRACED BAY 2



ASSEMBLY	QNTY	DESCRIPTION	DRAWING
A1	0	PEAK AXIAL FRAME	40247
A2	0	NON PEAK AXIAL FRAME	40245
A3	2	6 5/8" DIA. LEG BEND AXIAL TUBE	40245
A4	2	8" x 6" BASE TENSIONING TUBE	40246
A5	18	6" x 6" NON APEX COMPRESSION TUBE & ROOF LONG.	40246
A6	2	6" x 4" LEG LONGITUDINAL	40246
A7	1	6 5/8" DIA. PEAK AXIAL TUBE	40247
A9	22	3" DIA. UNDERGIRT	40246
A10	0	4" x 4" NODE UNDERGIRT	40246
A11	6	6 5/8" DIA. APEX AXIAL TUBE	40246
A12	7	3" DIA. UNDERGIRT	40246
A13	4	3" DIA. PVC UNROLLING TUBE	40246

MID BAY 3



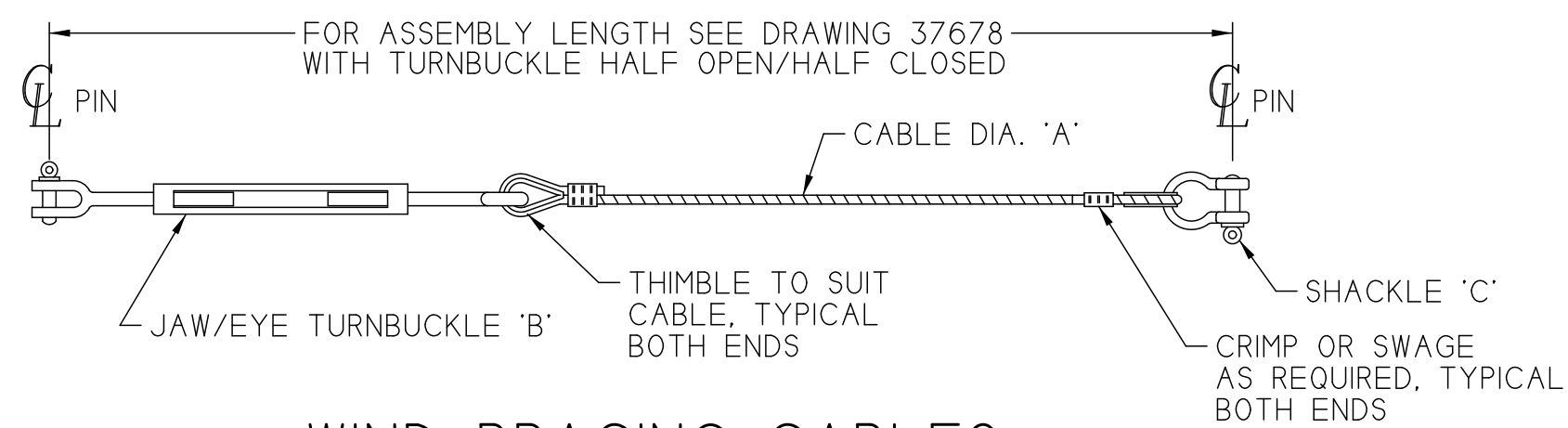
PLAN VIEW
NOT TO SCALE



BOLTING SCHEDULE

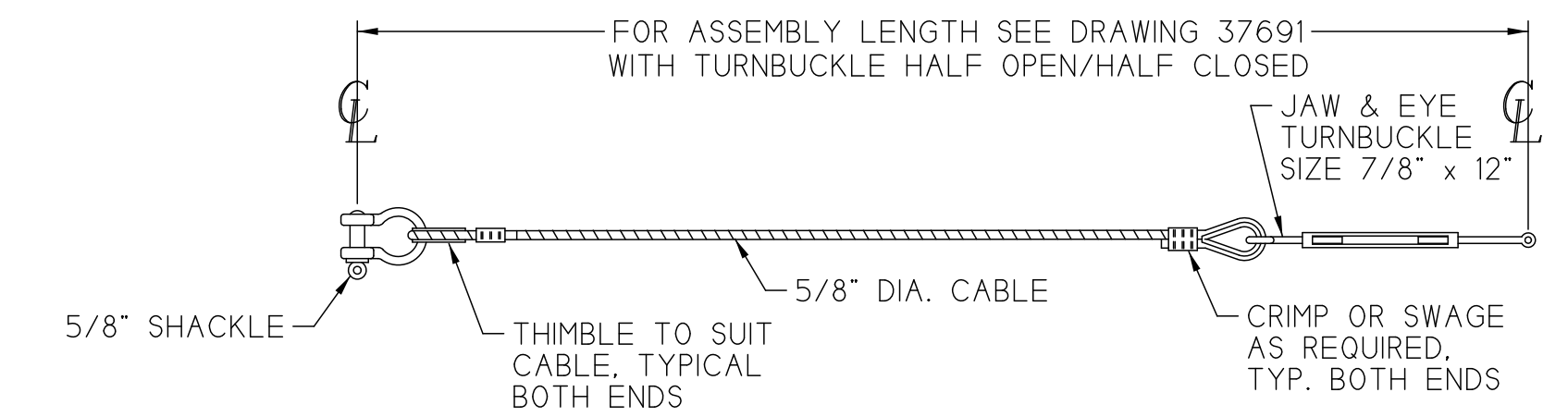
ASSEMBLY DESCRIPTION	BOLT SIZE AND GRADE
PEAK AXIAL FRAME - TOP (A1)	3/4" DIA. x 2 1/4" A325
PEAK AXIAL FRAME - BOTTOM (A1)	1" DIA. x 2 1/2" A325
AXIAL FRAME - TOP (A2)	1" DIA. x 2 1/2" A325
AXIAL FRAME - BOTTOM (A2)	1" DIA. x 2 1/2" A325
6 5/8" DIA. LEG BEND AXIAL TUBE (A3)	1" DIA. x 2 3/4" A325
8" x 6" BASE TENSIONING TUBE (A4)	7/8" DIA. x 2 1/4" A325
6" x 6" NACT & ROOF LONG. (A5)	7/8" DIA. x 2 1/4" A325
6" x 4" LEG LONGITUDINAL TUBE (A6)	7/8" DIA. x 2 1/4" A325
6 5/8" DIA. PEAK AXIAL TUBE (A7)	3/4" DIA. x 2 1/4" A325
3" DIA. UNDERGIRT TUBE (A9)	3/4" DIA. x 1 3/4" A325
4" x 4" NODE UNDERGIRT TUBE (A10)	3/4" DIA. x 1 3/4" A325
6 5/8" DIA. APEX AXIAL TUBE (A11)	1" DIA. x 2 1/2" A325
3" DIA. FLANGE UNDERGIRT TUBE (A12)	3/4" DIA. x 1 3/4" A325
3" DIA. PVC UNROLLING TUBE (A13)	1/2" DIA. x 1 1/2" GRADE 2

REV.	DESCRIPTION	DRAWN	APP.	DATE
<p>We Cover The World RUBB BUILDING SYSTEMS</p>				
<p>51.8m BVE / 6.7m LEG PURLIN PROFILE</p>		<p>SCALE: 1 : 150</p>		
<p>GES 5/15/05</p>		<p>JOB #: 05014</p>		
<p>MERRILL RUBB VII</p>		<p>This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.</p>		
<p>RUBB, INC. SANFORD MAINE 04073 TEL: 207-324-2877 FAX 207-324-2347</p>				<p>DRAWING NO. 40248</p>



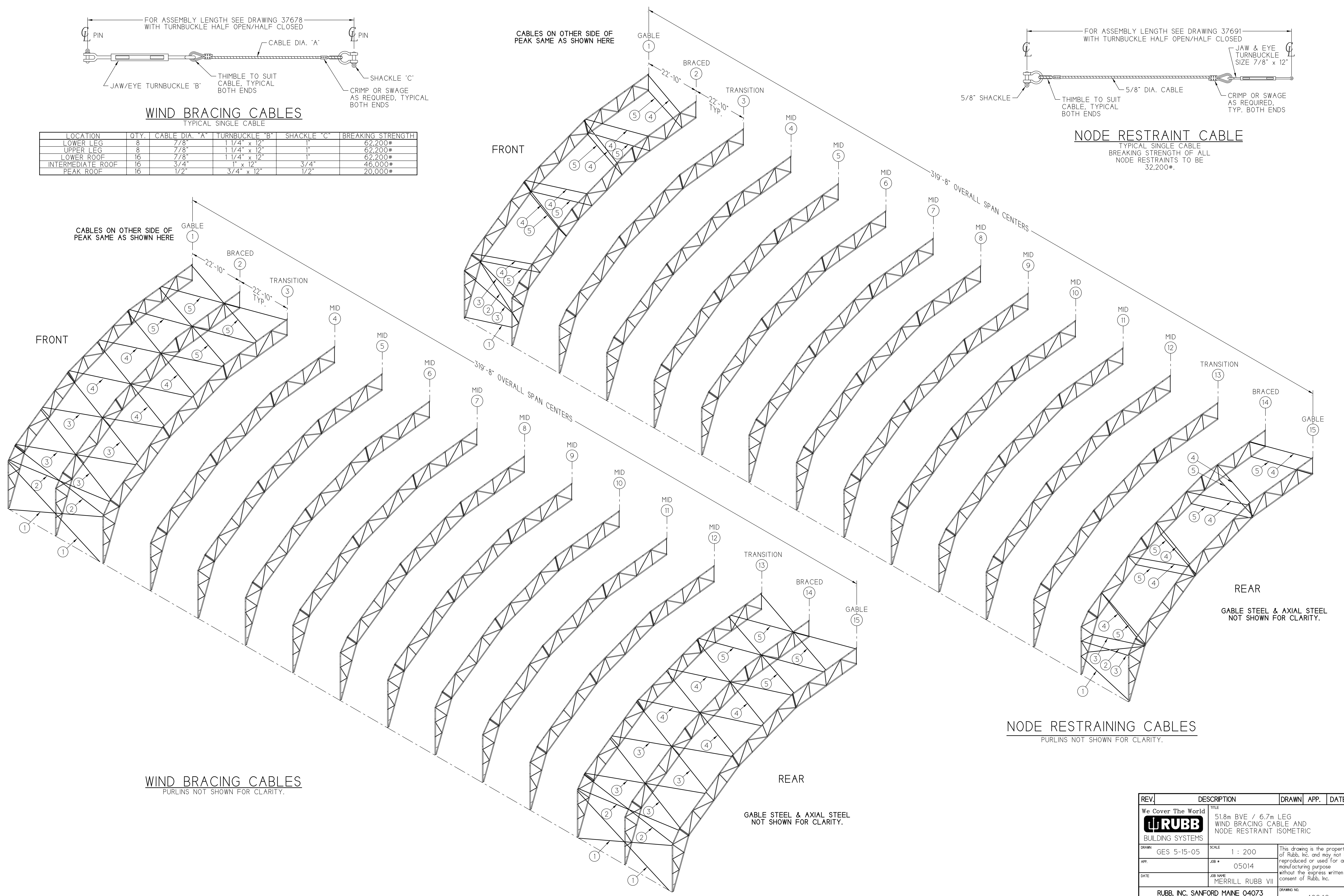
WIND BRACING CABLES
TYPICAL SINGLE CABLE

LOCATION	QTY.	CABLE DIA. "A"	TURNBUCKLE "B"	SHACKLE "C"	BREAKING STRENGTH
LOWER LEG	8	7/8"	1 1/4" x 12"	1"	62,200#
UPPER LEG	8	7/8"	1 1/4" x 12"	1"	62,200#
LOWER ROOF	16	7/8"	1 1/4" x 12"	1"	62,200#
INTERMEDIATE ROOF	16	3/4"	1" x 12"	3/4"	46,000#
PEAK ROOF	16	1/2"	3/4" x 12"	1/2"	20,000#



NODE RESTRAINT CABLE
TYPICAL SINGLE CABLE

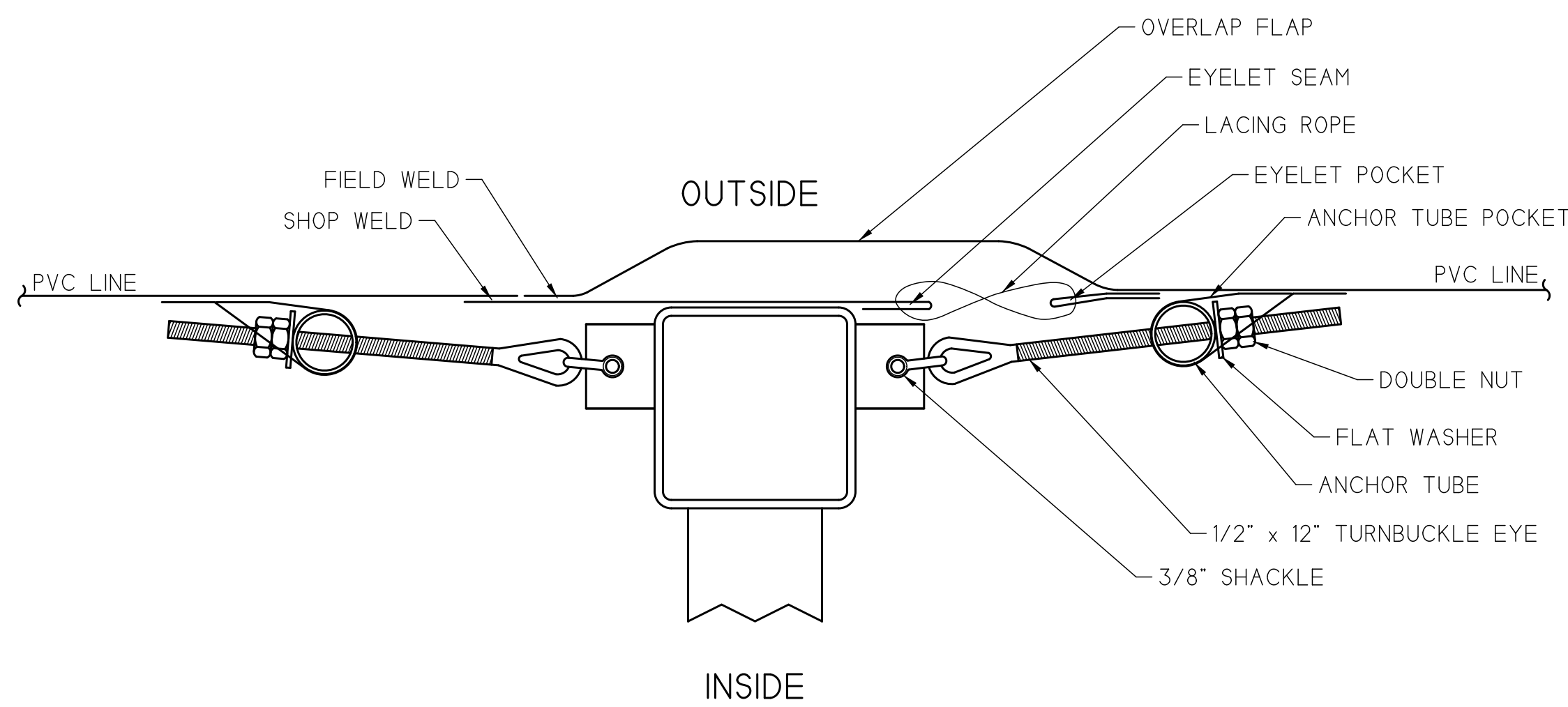
BREAKING STRENGTH OF ALL NODE RESTRAINTS TO BE 32,200#.



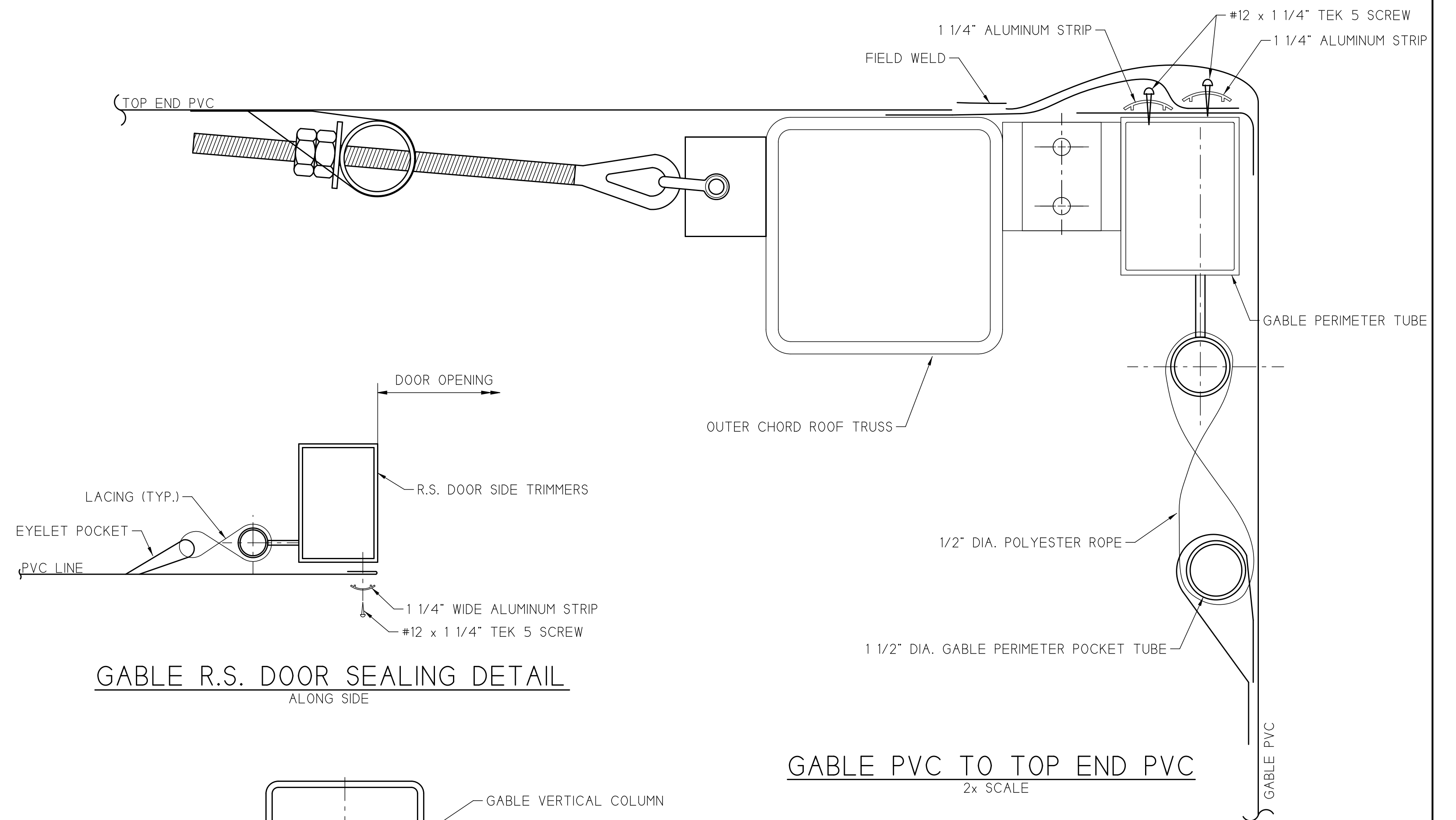
WIND BRACING CABLES
PURLINS NOT SHOWN FOR CLARITY.

NODE RESTRAINING CABLES
PURLINS NOT SHOWN FOR CLARITY.

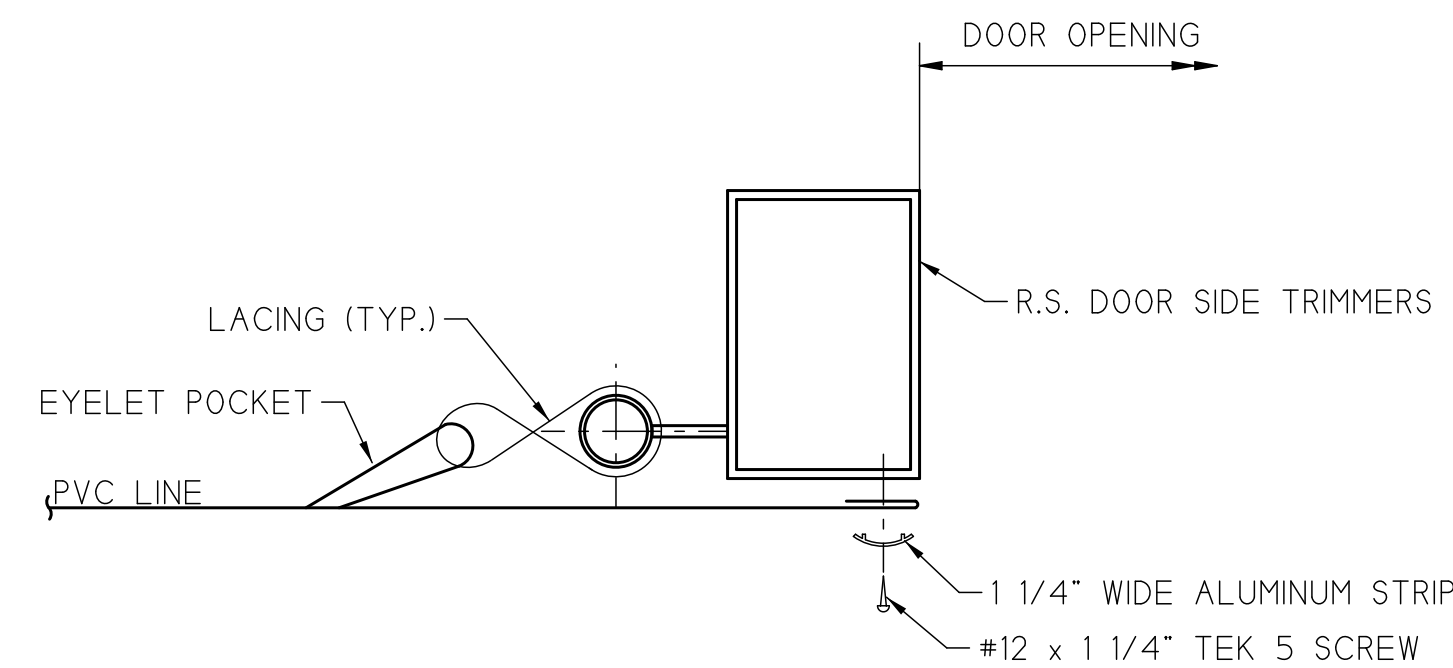
REV.	DESCRIPTION	DRAWN	APP.	DATE
<p>We Cover The World RUBB BUILDING SYSTEMS</p>				
<p>51.8m BVE / 6.7m LEG WIND BRACING CABLE AND NODE RESTRAINT ISOMETRIC</p>		<p>SCALE 1 : 200</p>		
<p>GES 5-15-05</p>		<p>JOB # 05014</p>		
<p>JOB NAME MERRILL RUBB VII</p>		<p>This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.</p>		
<p>RUBB, INC. SANFORD MAINE 04073 TEL: 207-324-2877 FAX 207-324-2347</p>				<p>DRAWING NO. 40249</p>



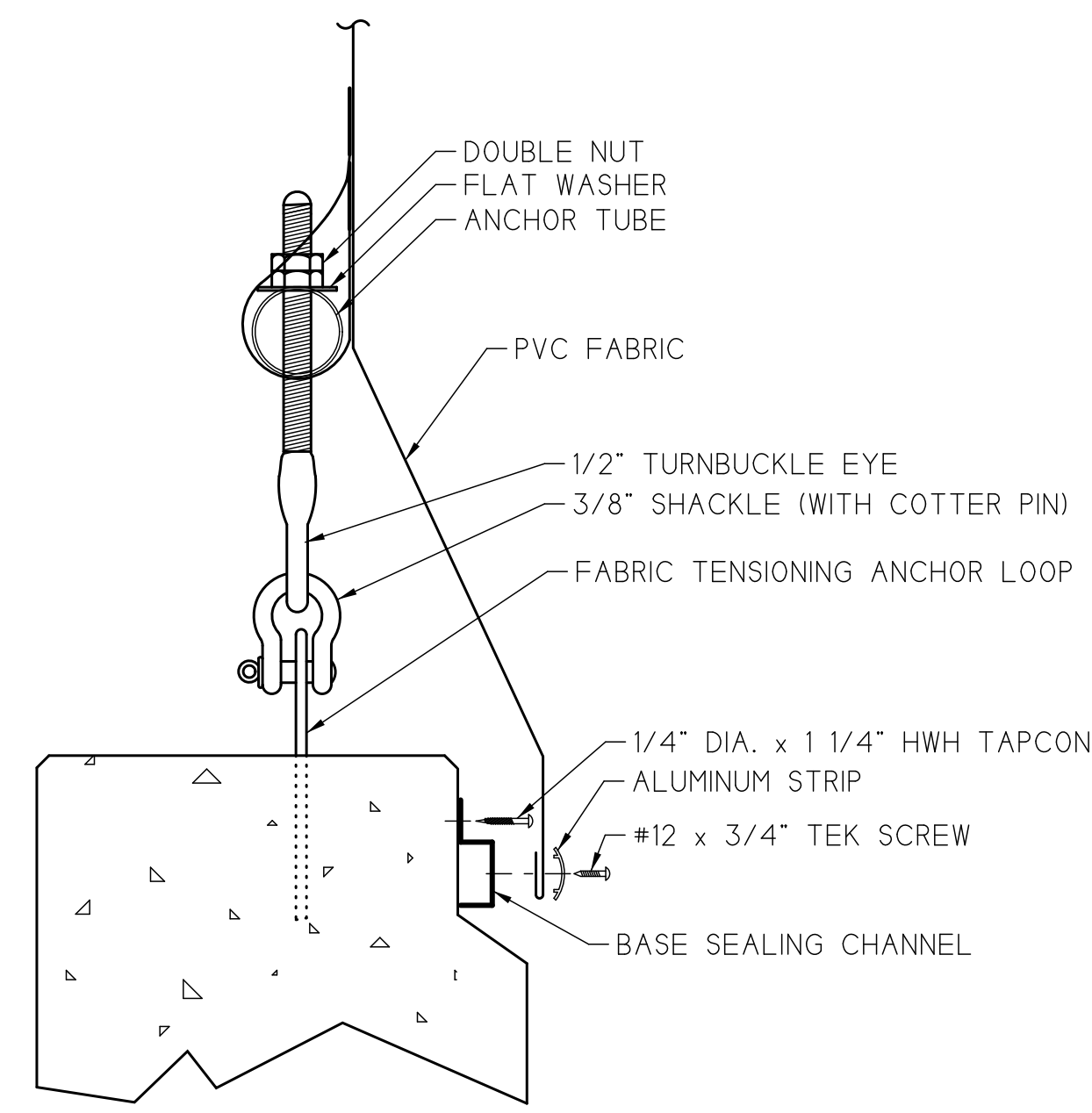
SPAN SEALING AND TENSIONING



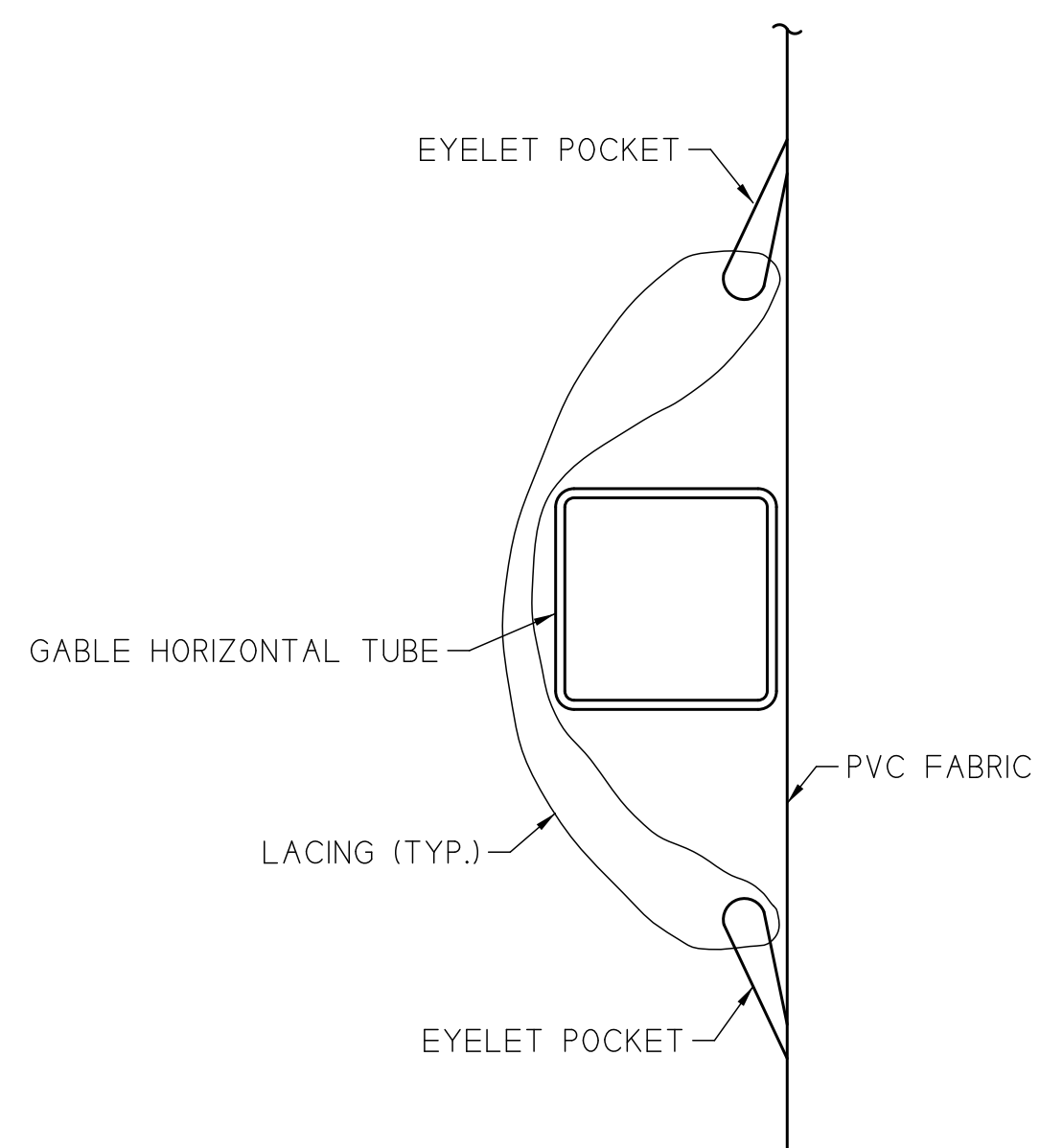
GABLE PVC TO TOP END PVC
2x SCALE



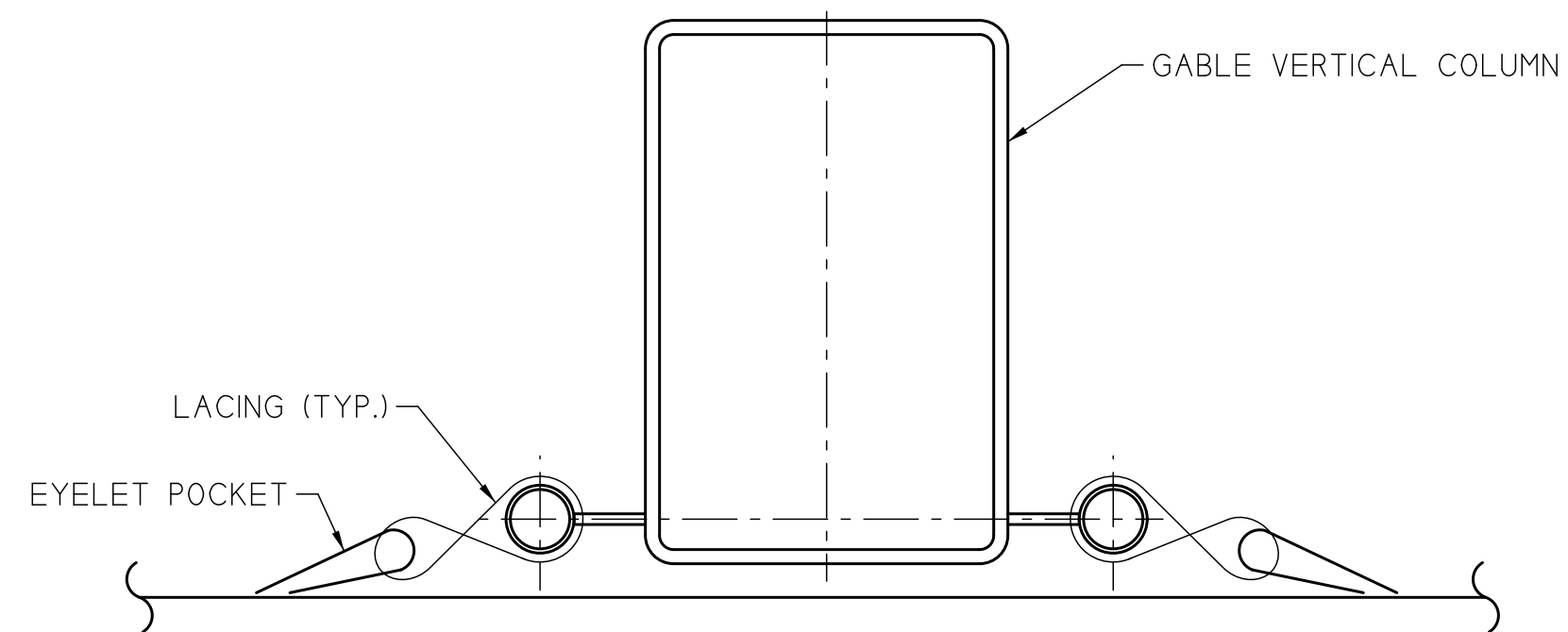
GABLE R.S. DOOR SEALING DETAIL
ALONG SIDE



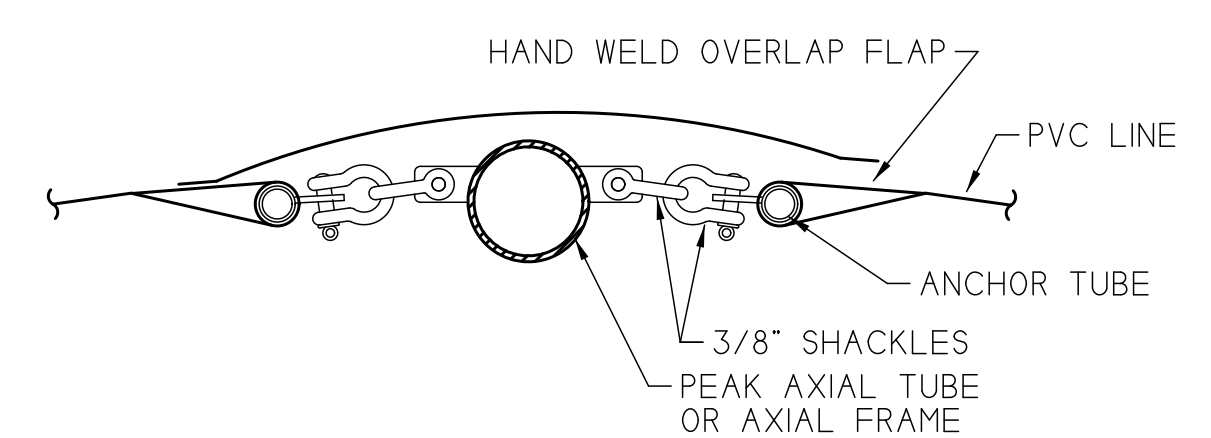
BASE SEALING DETAIL
ALONG SIDE AND GABLE WALLS



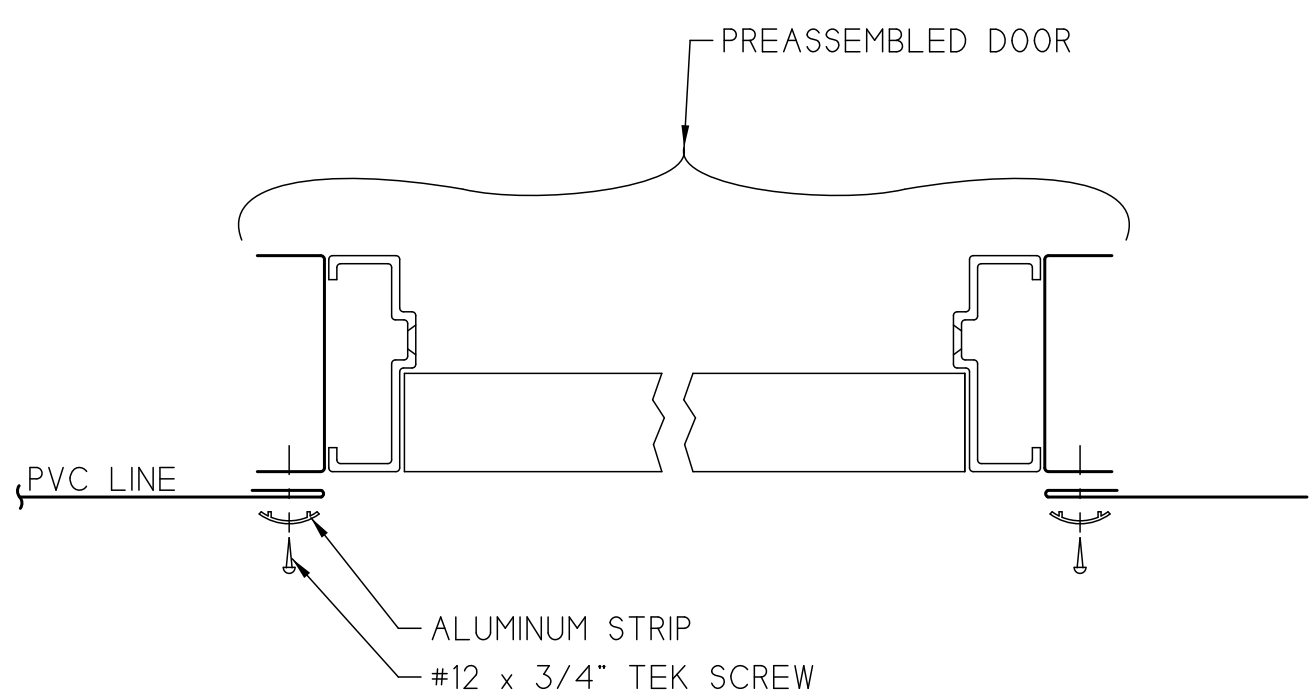
GABLE HORIZONTAL TUBE LACING



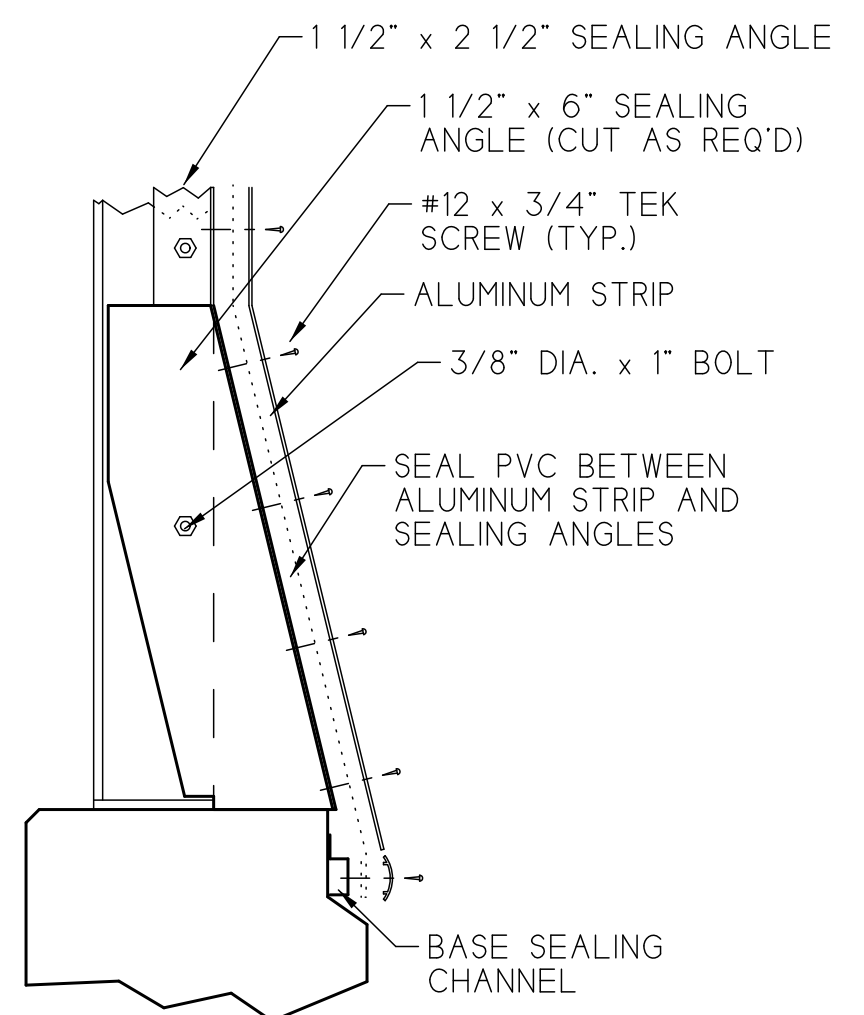
GABLE COLUMN LACING
PLAN VIEW



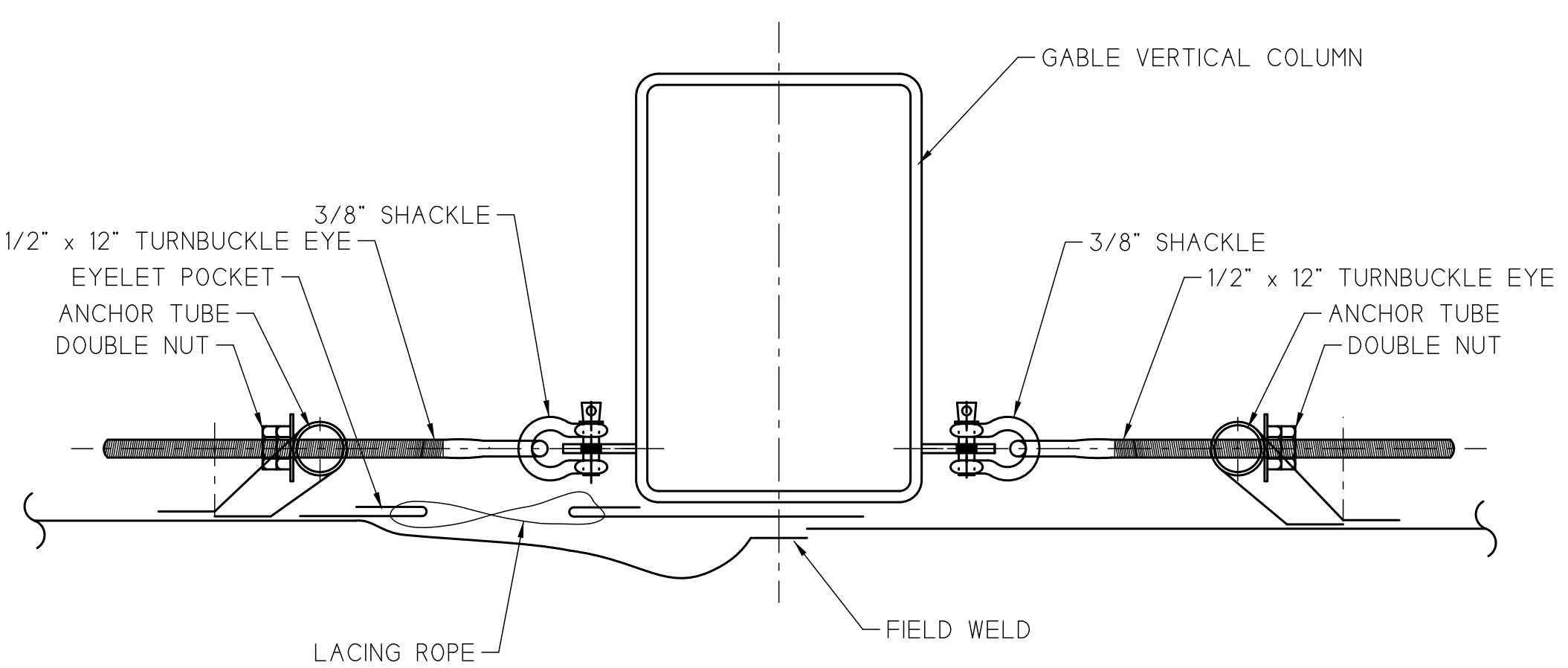
APEX OVERLAP FLAP
1/2x SCALE




ACCESS DOOR INSTALLATION
VIEW FROM TOP



R.S. DOOR SEALING DETAIL
SIDE TRIMMERS AT BASE



GABLE SHEET OVERLAP FLAP
PLAN VIEW

REV.	DESCRIPTION	DRAWN	APP.	DATE
<p>We Cover The World  BUILDING SYSTEMS</p>				
<p>51.8m BVE / 6.7m LEG TENSIONING AND SEALING DETAILS</p>		<p>SCALE 1 : 4</p>		
<p>APP. GES 5-15-05</p>	<p>JOB # 05014</p>	<p>This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.</p>		
<p>DATE</p>	<p>JOB NAME RUBB MERRILL VII</p>	<p>RUBB, INC. SANFORD MAINE 04073 TEL: 207-324-2877 FAX 207-324-2347</p>		
<p>DRAWING NO. 40250</p>				<p>DATE</p>