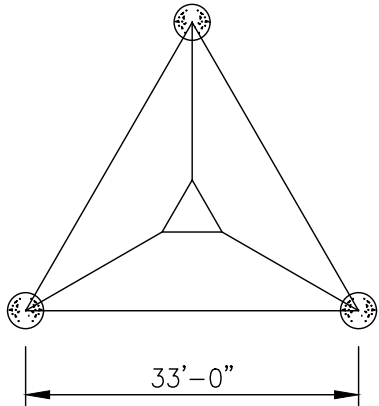
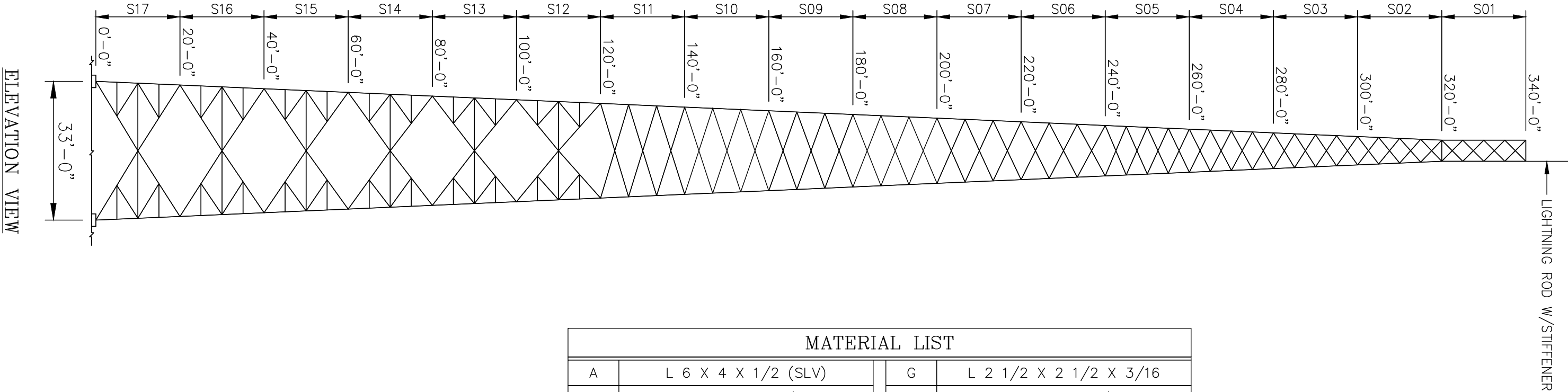


LEGS	6.25 S.R.	6.0 S.R.	5.75 S.R.	5.5 S.R.	5.25 S.R.					4.0 S.R.	3.75 S.R.	3.5 S.R.	3.0 S.R.	2.75 S.R.	2.25 S.R.	2.0 S.R.	1.75 S.R.
DIAGONALS	L 6 X 4 X 3/8 (SLV)		A	L 5 X 3 1/2 X 3/8 (SLV)			B	C	D	E		F	G		L 2 X 2 X 1/8		
HORIZONTALS	H	I	L 4 X 4 X 5/16		L 4 X 3 1/2 X 1/4 (SLV)		NONE									L 2 X 2 X 1/8	
SUB-DIAGONALS	J	K	L 3 X 3 X 3/16			NONE											
SUB-HORIZONTALS	L	L 3 X 3 X 1/4		L 3 X 3 X 3/16			NONE										
INTERNAL BRACE	L 3 X 3 X 1/4				L 3 X 3 X 3/16		NONE										
BAYS/SECTION	4 BAYS					3 BAYS						4 BAYS					
SECTION WEIGHT	14144 LBS.	13417 LBS.	12514 LBS.	10250 LBS.	9292 LBS.	9120 LBS.	12149 LBS.	10327 LBS.	8349 LBS.	5158 LBS.	4534 LBS.	3423 LBS.	2721 LBS.	2353 LBS.	1448 LBS.	1224 LBS.	1039 LBS.



PLAN VIEW

MATERIAL LIST			
A	L 6 X 4 X 1/2 (SLV)	G	L 2 1/2 X 2 1/2 X 3/16
B	L 5 X 5 X 1/2	H	L 5 X 5 X 5/16
C	L 4 X 4 X 1/2	I	L 4 X 4 X 3/8
D	L 4 X 4 X 5/16	J	L 3 1/2 X 3 X 1/4 (SLV)
E	L 3 1/2 X 3 1/2 X 1/4	K	L 3 X 3 X 1/4
F	L 3 X 3 X 3/16	L	L 3 X 3 X 5/16

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										MASTER: 340 FT. MODEL S3R-SD				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										SITE: FORT WHITE, FL				
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										JOB NO. 512004		SIZE B	DRAWING NO. 512004-MS		REV 2				
										DATE 12/07/22									
										DRAWN BY KMP									
										CHECKED BY ZAK									
												SCALE NONE		PAGE 1 OF 3					
</																			

DRAWING LIST

9030344	ANCHOR BOLT LAYOUT
C30400178	LEG TO LEG TEMPLATE
9030714	TOWER BASE INSTALLATION
512004-S17	SECTION 0 FT. – 20 FT.
512004-S16	SECTION 20 FT. – 40 FT.
512004-S15	SECTION 40 FT. – 60 FT.
512004-S14	SECTION 60 FT. – 80 FT.
512004-S13	SECTION 80 FT. – 100 FT.
512004-S12	SECTION 100 FT. – 120 FT.
512004-S11	SECTION 120 FT. – 140 FT.
512004-S10	SECTION 140 FT. – 160 FT.
512004-S09	SECTION 160 FT. – 180 FT.
512004-S08	SECTION 180 FT. – 200 FT.
512004-S07	SECTION 200 FT. – 220 FT.
512004-S06	SECTION 220 FT. – 240 FT.
512004-S05	SECTION 240 FT. – 260 FT.
512004-S04	SECTION 260 FT. – 280 FT.
512004-S03	SECTION 280 FT. – 300 FT.
512004-S02	SECTION 300 FT. – 320 FT.
512004-S01	SECTION 320 FT. – 340 FT.
512004-CL1	CLIMBING LADDER INSTALLATION
9026217.	INSIDE CLIMBING LADDER (0’–320’)
9031883	INSIDE CLIMBING LADDER (320’–340’)
9031527	LADDER BASE
9031764	STEP/CONSTRUCTION BOLT INSTALLATION
C30011-1	SAFETY CLIMB BOTTOM MOUNTING BRACKET
C30011-2	SAFETY CLIMB TOP MOUNTING BRACKET
C30003001	SAFETY CLIMB INTERMEDIATE BRACKET
SEE MANUAL W/KIT	CABLE SAFETY CLIMB DEVICE
512004-WG1	WAVEGUIDE LADDER INSTALLATION (0’–340’)
512004-WG2	WAVEGUIDE LADDER INSTALLATION (0’–320’)
512004-WG3	WAVEGUIDE LADDER INSTALLATION (0’–245’)
9031810	WAVEGUIDE LADDER (15 HOLE)
C30008042	TOP BEACON MOUNT KIT
902816	TEMPORARY TOWER LIGHTING
BY OTHERS	TOWER LIGHTING
512004-HM1	HORIZONTAL MAINTENANCE BRACING @ 170’±
C301516	TOWER GROUNDING KIT (STD. T.I.A. – REV. H)
C30986	LIGHTNING ROD W/STIFFENER
C20135036	WAVEGUIDE BRIDGE: 2’ X 10’ W/TRAPEZE
C20145006	WAVEGUIDE BRIDGE TRAPEZE KITS (TRIPLE LEVEL)
9014671	BOLT INSTALLATION
906956	TOWER NAME PLATE
907901	INVENTORY REQUIREMENT SHEET
BOM-1	BILL OF MATERIAL

TOWER DESIGN INFORMATION

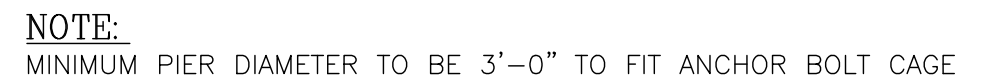
THIS ERECTION DRAWING PACKAGE IS BASED ON THE STRUCTURAL ANALYSIS NO. 512004 (REV. C).

DESIGN CRITERIA – ANSI/TIA-222-H	
WIND SPEED (NO ICE)	131 MPH
WIND SPEED (ICE)	30 MPH
DESIGN ICE THICKNESS	0.25 IN
RISK CATEGORY	III
EXPOSURE CATEGORY	C
TOPOGRAPHIC FACTOR PROCEDURE	METHOD 1 (SIMPLIFIED)
TOPOGRAPHIC CATEGORY	1
GROUND ELEVATION	42 FT
SEISMIC IMPORTANCE FACTOR, Le	1.25
0.2-SEC SPECTRAL RESPONSE, Ss	0.079 g
1-SEC SPECTRAL RESPONSE, S1	0.048 g
SITE CLASS	E
SEISMIC DESIGN CATEGORY	C
BASIC SEISMIC FORCE-RESISTING SYSYTEM	TELECOMMUNICATION TOWER (TRUSS: STEEL)

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										MASTER: 340 FT. MODEL S3R-SD				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										SITE: FORT WHITE, FL				
										CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.					CUSTOMER: BURNS & MCDONNELL				
									JOB NO. 512004						SIZE B	DRAWING NO. 512004-MS		REV 2	
									DATE							12/07/22			
									DRAWN BY							KMP			
									CHECKED BY						ZAK	SCALE NONE		PAGE 2 OF 3	
2	03/16/23	KMP	PMK	REVISED PER STRUCTURAL ANALYSIS (REV. C) & C.O. "C".															
1	02/06/23	KMP	PMK	REVISED PER STRUCTURAL ANALYSIS (REV. B) & C0-B.															
REV	DATE	DRW	CHK	DESCRIPTION															

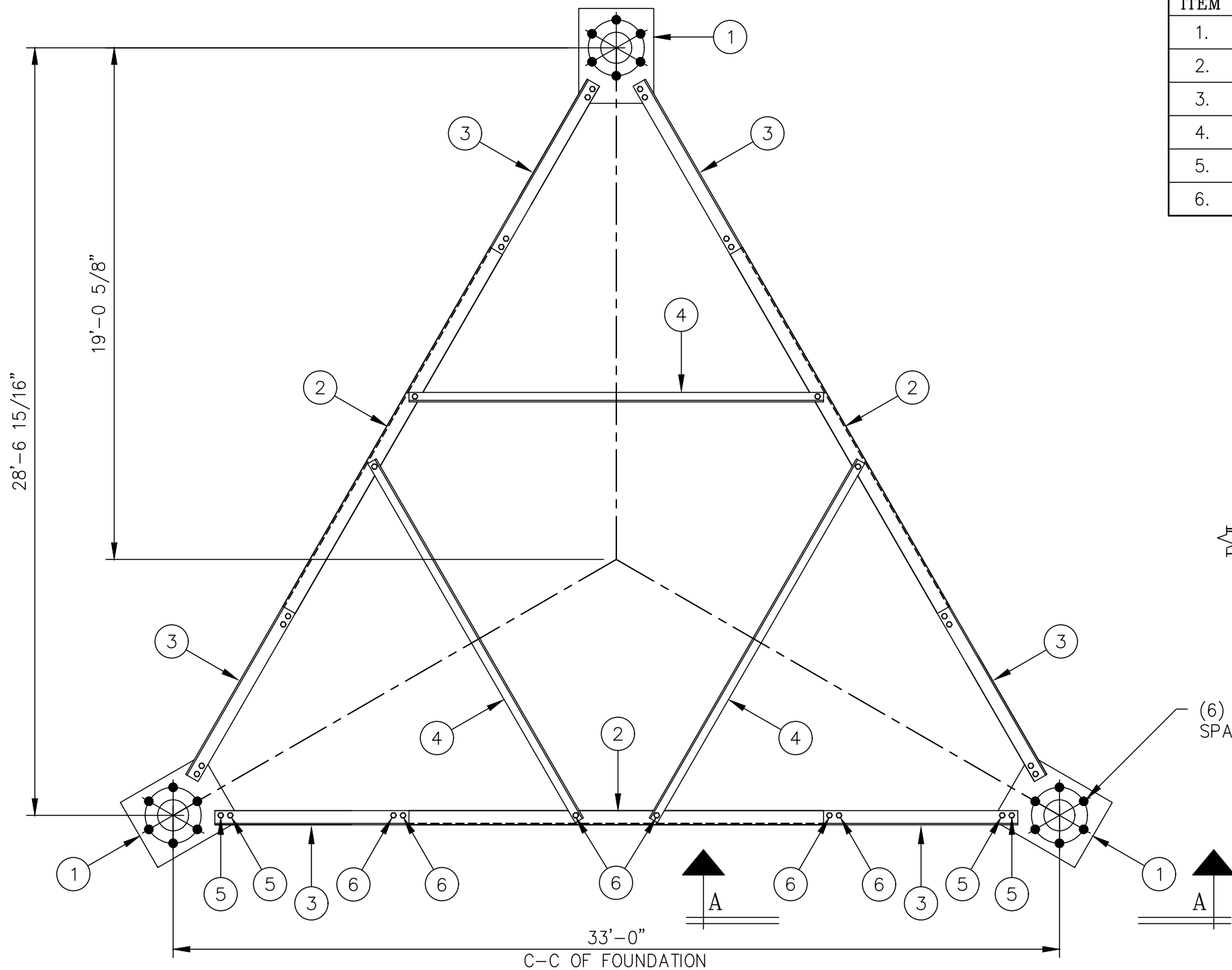
TOWER DESIGNED ANTENNA LOADING					
ELEV.	ANTENNAS		ELEV.	ANTENNAS	
340'	(1) LIGHTS		255'	(3) TMAT1921B78-21A	
328.15'	(1) DS8A10P36U-D		250'	(2) LEG DISH MOUNT	
321'	(1) DS7TMA17C COMPACT TTA		250'	(2) 3' GRID DISH	
320'	6FT SIDEARM		245'	FLUSH MOUNT	
320'	LEG DISH MOUNT		245'	FLUSH MOUNT	
320'	(1) 8' SOLID DISH W/ RADOME		245'	(4) PMP 450	
288.15'	(1) DS8A10F36U-D		235'	(3) LEG DISH MOUNT	
280.62'	(1) DB224		235'	(3) 6' SOLID DISH W/ RADOME	
280'	6FT SIDEARM		190'	3V-BOOM - 12FT FACE - 3FT STANDOFF	
280'	LEG DISH MOUNT		190'	(3) RRUS 32	
280'	(1) 6' SOLID DISH W/ RADOME		190'	(3) X7C-865	
270'	6FT SIDEARM		190'	(9) X7CQAP-86-865-V	
255'	3V-BOOM - 12FT FACE - 3FT STANDOFF		175'	3V-BOOM - 12FT FACE - 3FT STANDOFF	
255'	(3) AIR6449-LS6		175'	(3) RRUS 32	
255'	(3) FFHH-65C-R3		175'	(3) X7C-865	
255'	(3) RNSNDC-7771-PF-48		175'	(9) X7CQAP-86-865-V	
255'	(3) RRUS 4460 B25+B66		150'	(3) LIGHTS	
255'	(3) RRUS 4480 B71+B85				

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:					Sabre Industries™ INNOVATION DELIVERED					MASTER: 340 FT. MODEL S3R-SD				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										SITE: FORT WHITE, FL				
										CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.					CUSTOMER: BURNS & MCDONNELL				
2	03/16/23	KMP	PMK	REVISED PER STRUCTURAL ANALYSIS (REV. C) & C.O. "C".											JOB NO. 512004	SIZE B	DRAWING NO. 512004-MS		REV 2
1	02/06/23	KMP	PMK	REVISED PER STRUCTURAL ANALYSIS (REV. B) & C0-B.										DATE 12/07/22					
DRAWN BY		KMP														SCALE	PAGE		
CHECKED BY		ZAK														NONE	3 OF 3		
REV	DATE	DRW	CHK	DESCRIPTION															



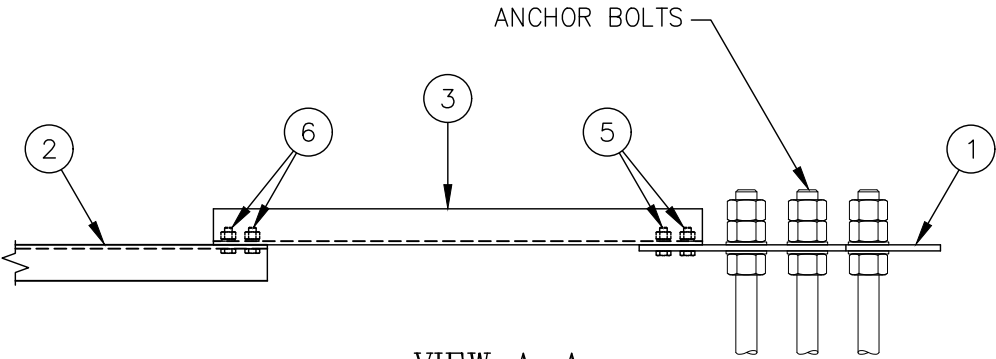
PLAN VIEW

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:				F 1554 GRADE 105 ANCHOR BOLT LAYOUT FOR MODEL S3R-SD SECTION 17 BASE SPREAD 33'-0" C-C OF FOUNDATION (6) 2"Ø A.B. ON A 13 1/2"Ø B.C.			
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL							
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1	08/28/19	KLE	EK	A.B. PROJECTION WAS 11"							
REV	DATE	DRW	CHK	DESCRIPTION							



PLAN VIEW

C30400178 LEG TO LEG TEMPLATE				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT
1.	3	C30139239	PLATE, ANCHOR BOLT TEMPLATE, 2"Ø A.B. ON A 13 1/2"Ø B.C.	116
2.	3	C30139413	ANGLE, TEMPLATE SUPPORT, 3 X 3 X 3/16 X 10'-0	111
3.	6	C30139422	ANGLE, TEMPLATE SUPPORT, 3 X 3 X 3/16 X 11'-1 3/4	247
4.	3	C30139439	ANGLE, TEMPLATE SUPPORT, 2 1/2 X 2 1/2 X 3/16 X 16'-0	147
5.	12	C40026023	BOLT ASSEMBLY, 5/8 Ø X 2 A325	6
6.	18	C40026022	BOLT ASSEMBLY, 5/8 Ø X 1 3/4 A325	8
TOTAL WEIGHT IN LBS.				635



VIEW A-A

(6) 2"Ø ANCHOR BOLTS
SPACED 60° APART ON A 13 1/2" BOLT CIRCLE

- NOTE:
- 1. ALWAYS COMPARE THE DIMENSIONS SHOWN ON THIS DRAWING WITH THE PROPER CONCRETE FOUNDATION DRAWING, PRIOR TO PLACING CONCRETE.
 - 2. ONE ANCHOR BOLT MUST BE ALIGNED DIRECTLY WITH THE CENTER OF THE TOWER (TYPICAL AT ALL (3) LEGS).
 - 3. VERIFY ANCHOR BOLT CIRCLE CENTER-TO-CENTER SPACING ON ALL (3) FACES AND ALIGNMENT OF ANCHOR BOLTS WITH THE CENTER OF THE TOWER AT ALL (3) LEGS PRIOR TO PLACING CONCRETE.
 - 4. PROVIDE NECESSARY SUPPORT TO ELIMINATE ANY MOVEMENT DURING CONCRETE PLACEMENT AND CURING.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS ± 1/16"
ANGLES ± 1/2 DEG.
DECIMALS ± .010"

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL



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LEG TO LEG TEMPLATE INSTALLATION
FOR MODEL S3R-SD SECTION 17
BASE SPREAD 33'-0" C-C OF FOUNDATION
(6) 2"Ø A.B. ON A 13 1/2"Ø B.C.

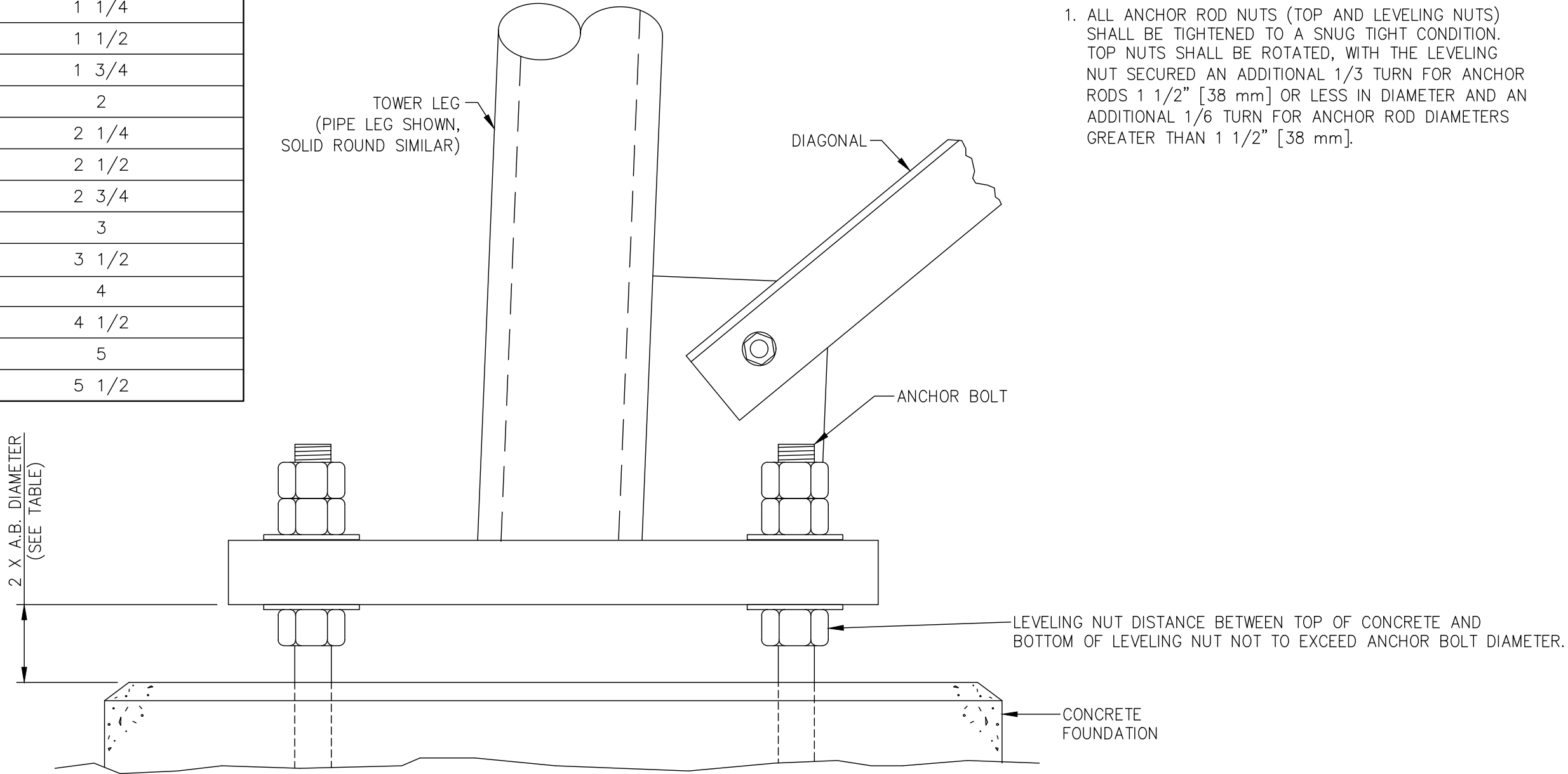
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DATE	8/18/16				
DRAWN BY	DJB	SCALE None		PAGE 1 OF 1	
CHECKED BY	KTW				

2	08/28/19	KLE	EK	UPDATED LIST OF MATERIAL TO CURRENT FORMAT
1	10/13/17	RWM	MWR	REVISED NOTES.
REV	DATE	DRW	CHK	DESCRIPTION

TABLE	
ANCHOR BOLT DIAMETER (in)	MAXIMUM SPACE (in)
1/2	1
5/8	1 1/4
3/4	1 1/2
7/8	1 3/4
1	2
1 1/8	2 1/4
1 1/4	2 1/2
1 3/8	2 3/4
1 1/2	3
1 3/4	3 1/2
2	4
2 1/4	4 1/2
2 1/2	5
2 3/4	5 1/2

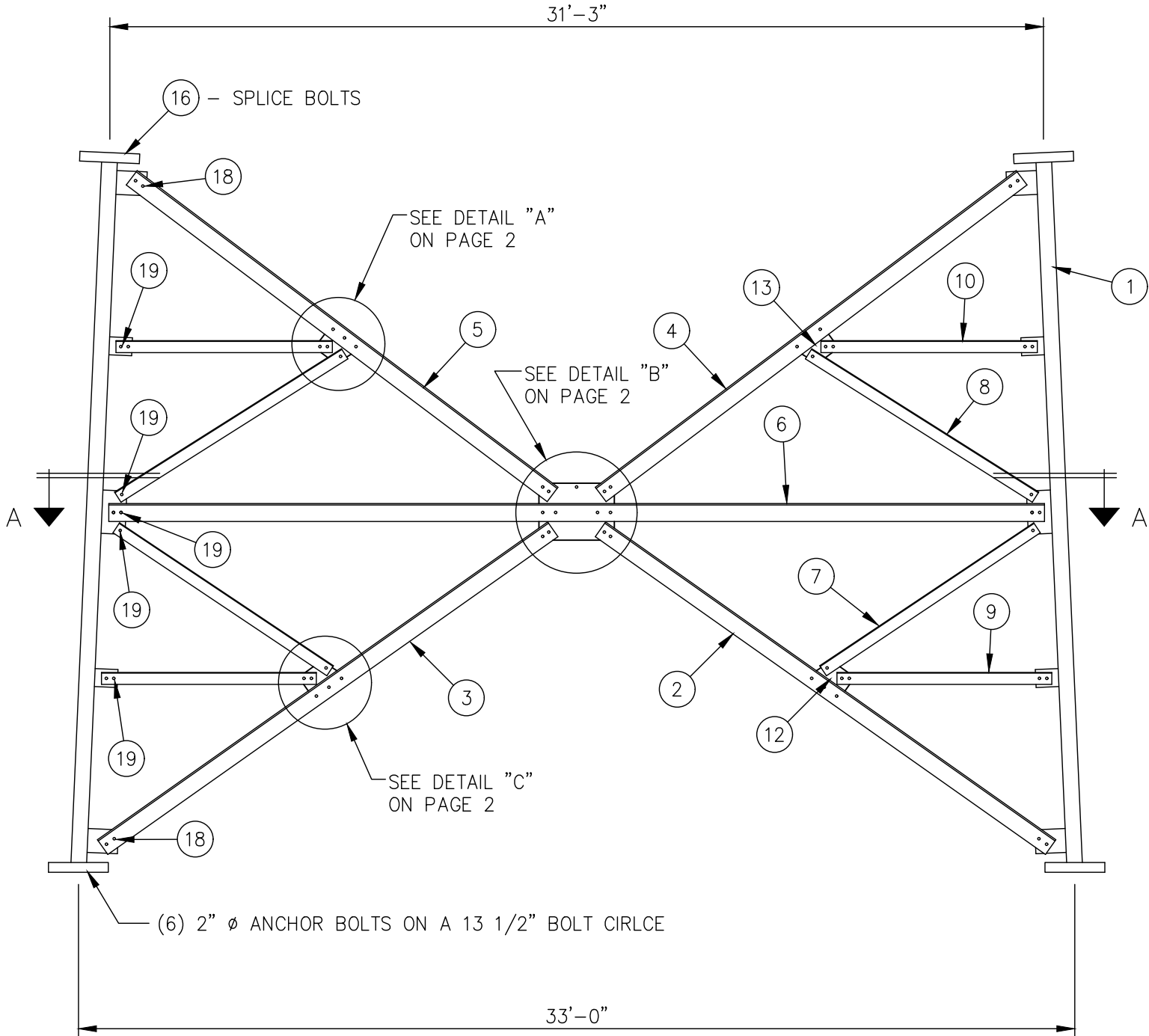
NOTES:

1. ALL ANCHOR ROD NUTS (TOP AND LEVELING NUTS) SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION. TOP NUTS SHALL BE ROTATED, WITH THE LEVELING NUT SECURED AN ADDITIONAL 1/3 TURN FOR ANCHOR RODS 1 1/2" [38 mm] OR LESS IN DIAMETER AND AN ADDITIONAL 1/6 TURN FOR ANCHOR ROD DIAMETERS GREATER THAN 1 1/2" [38 mm].



ELEVATION VIEW

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:			TOWER BASE INSTALLATION				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL							
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2	10/13/17	RWM	MWR	ADDED ANCHOR BOLT TABLE, REVISED LEVELING NUT CALL OUT AND ADDED TIGHTENING NOTE #1.		DATE	11/24/09	SIZE B	DRAWING NO. 9030714	REV 2	
1	1/6/12	DSN	RWM	REVISED BASE PLATE TO FND. GAP		DRAWN BY	RWM				
REV	DATE	DRW	CHK	DESCRIPTION		CHECKED BY	MWR	SCALE None		PAGE 1 OF 1	



ELEVATION VIEW

FIELD NOTES

- 1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
- 2. STEP BOLTS PROVIDED FOR (3) LEGS.

LIST OF MATERIAL

17-LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	17-T1187189	SECT. 17 LEG 6 1/4 Ø X 20'-0 5/16 W/STEP BOLTS	8058
TOTAL WEIGHT LBS				8058

17-T8301986 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	3	3816045	ANGLE, DIAGONAL 6 X 4 X 3/8 X 17'-5	668
3	3	3816046	ANGLE, DIAGONAL 6 X 4 X 3/8 X 17'-5	668
4	3	3816047	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-8 1/2	641
5	3	3816048	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-8 1/2	641
6	3	3816049	ANGLE, HORIZONTAL 5 X 5 X 5/16 X 31'-3 3/4	1006
7	6	3820443	ANGLE, SUB-DIAGONAL 3 1/2 X 3 X 1/4 X 8'-2 3/4	277
10	6	3820444	ANGLE, SUB-DIAGONAL 3 1/2 X 3 X 1/4 X 8'-6 5/8	288
9	6	3820445	ANGLE, SUB-HORIZONTAL 3 X 3 X 5/16 X 7'-1 13/16	272
10	6	3820446	ANGLE, SUB-HORIZONTAL 3 X 3 X 5/16 X 7'-2 3/8	274
11	3	3816054	PLATE, CENTER TIE 1/2 X 19 3/16 X 2'-5 3/4	253
12	6	3816055	PLATE, BOTTOM TIE 1/2 X 10 X 1'-4 3/8	119
13	6	3816056	PLATE, TOP TIE 1/2 X 10 X 1'-3 3/4	113
14	3	TS00507	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49
15	3	3816057	ANGLE, INTERNAL 3 X 3 X 1/4 X 15'-8	240
TOTAL WEIGHT LBS				5509

SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
16	24	C40025043	BOLT ASSEMBLY, 2 Ø X 9 1/2 A449 3 1/2" THRD	370
TOTAL WEIGHT LBS				370

TK00574 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
17	7	C40026060	BOLT ASSEMBLY, 7/8 Ø X 2 3/4 A325	8
18	88	C40026059	BOLT ASSEMBLY, 7/8 Ø X 2 1/2 A325	92
19	107	C40026058	BOLT ASSEMBLY, 7/8 Ø X 2 1/4 A325	107
TOTAL WEIGHT LBS				207

TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT	14144
--	-------

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS ± 1/16"
ANGLES ± 1/2 DEG.
DECIMALS ± .010"

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL



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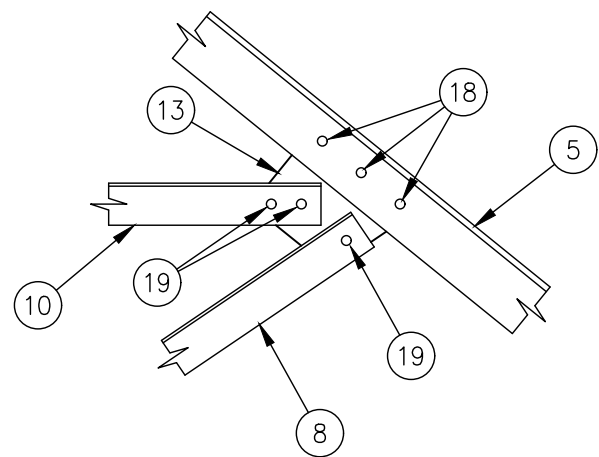
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SECTION ERECTION: 17 17-T8301986

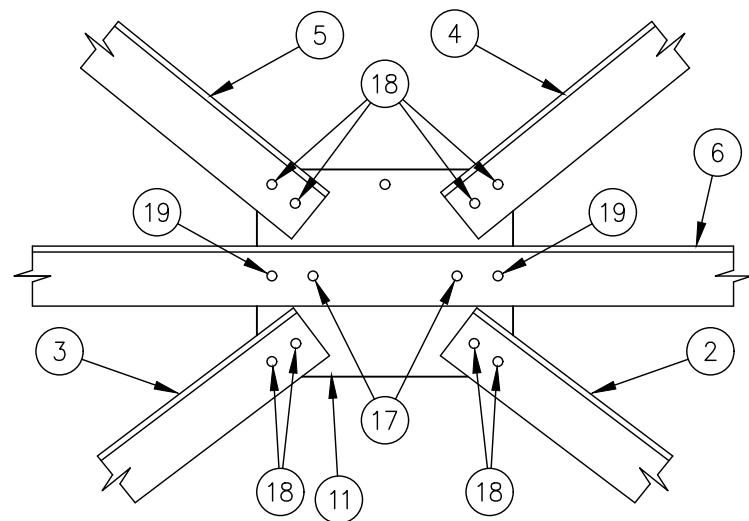
SITE: FORT WHITE, FL

CUSTOMER: BURNS & MCDONNELL

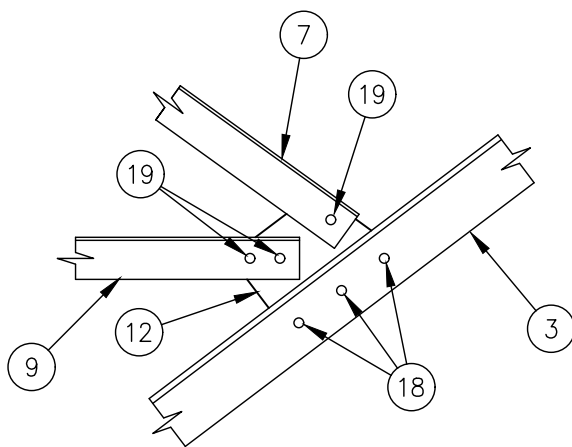
JOB NO. 512004		SIZE B	DRAWING NO. 512004-S17	REV 0	
DATE	09/23/22				
DRAWN BY	KMP			PAGE 1 OF 2	
CHECKED BY	ZAK				



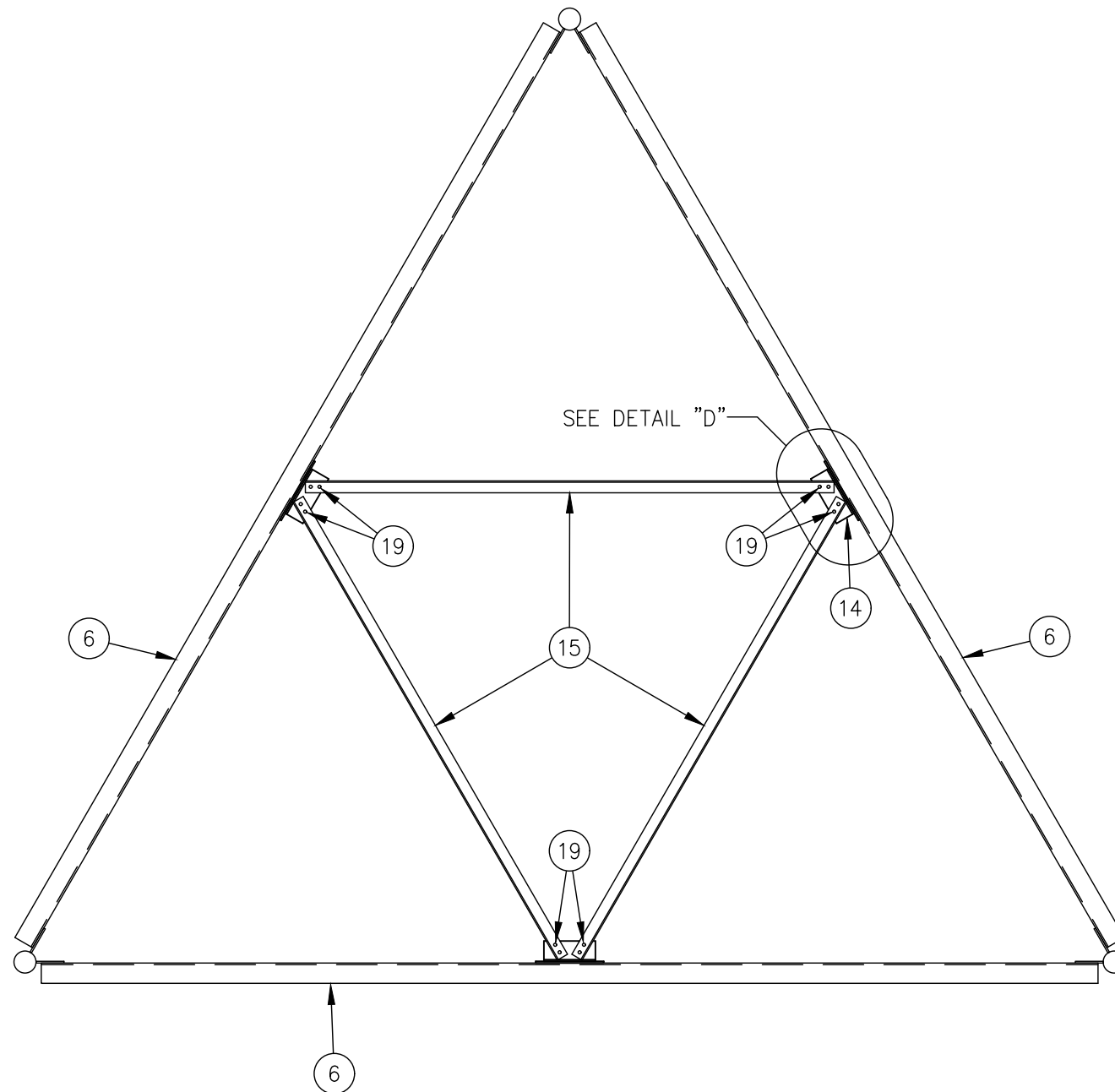
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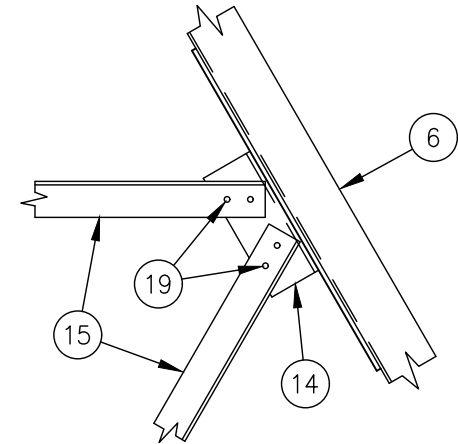
DETAIL "B"



DETAIL "C"



SECTION A-A



DETAIL "D"

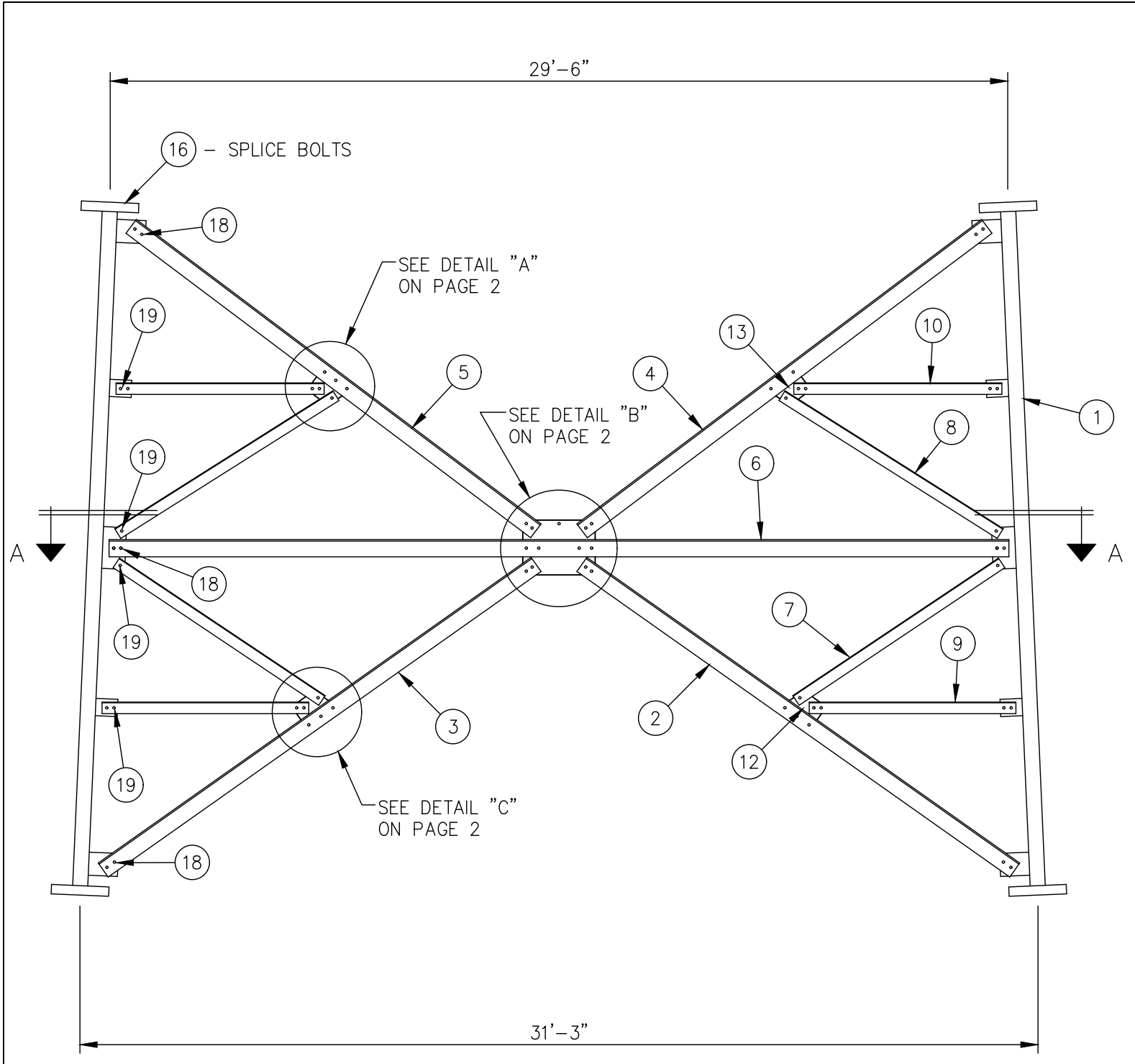
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:	
TOLERANCES: FRACTIONS $\pm 1/16"$ ANGLES $\pm 1/2$ DEG. DECIMALS $\pm .010"$				TOLERANCES DO NOT APPLY TO RAW MATERIAL	
REV	DATE	DRW	CHK	DESCRIPTION	

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SECTION ERECTION: 17 17-T8301986					
SITE: FORT WHITE, FL					
CUSTOMER: BURNS & MCDONNELL					
JOB NO. 512004		SIZE B	DRAWING NO. 512004-S17		REV 0
DATE	09/23/22				
DRAWN BY	KMP			SCALE	PAGE
CHECKED BY	ZAK			None	2 OF 2



ELEVATION VIEW

FIELD NOTES

- 1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
- 2. STEP BOLTS PROVIDED FOR (3) LEGS.
- 3. ALL BRACING BOLT HOLE DIAMETERS ARE 1/16" LARGER THAN THE DIAMETERS OF THE BRACE BOLTS.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS ± 1/16"
ANGLES ± 1/2 DEG.
DECIMALS ± .010"

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL

REV

DATE

DRW

CHK

DESCRIPTION



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SECTION ERECTION: 16 16-T8302125

SITE: FORT WHITE, FL

CUSTOMER: BURNS & MCDONNELL

JOB NO. 512004

DATE

DRAWN BY

CHECKED BY

09/23/22

KMP

ZAK

SIZE

DRAWING NO.

SCALE

B

512004-S16

None

REV

PAGE

0

1 OF 2

TOTAL SECTION WEIGHT – INCLUDES 3 LEGS, BRACING AND HARDWARE KIT

13417

LIST OF MATERIAL

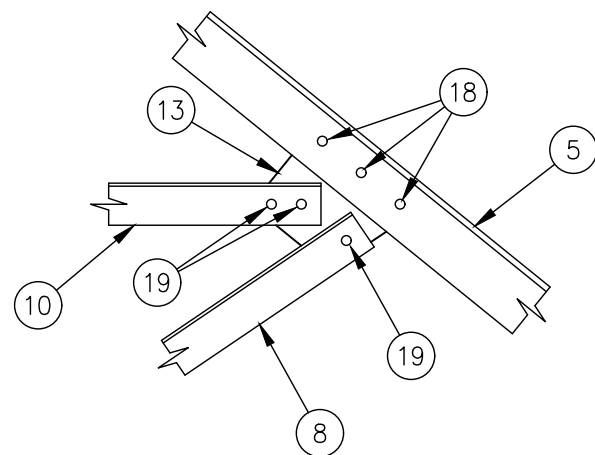
16- LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	16-T1187191	SECT. 16 LEG 6 ∅ X 20'-0 5/16 W/STEP BOLTS	7779
TOTAL WEIGHT LBS				7779

16-T8302125 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	3	3817312	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-8 5/8	641
3	3	3817313	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-8 5/8	641
4	3	3817314	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-0 1/4	615
5	3	3817315	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-0 1/4	615
6	3	3820662	ANGLE, HORIZONTAL 4 X 4 X 3/8 X 29'-6 3/4	904
7	6	3817316	ANGLE, SUB-DIAGONAL 3 X 3 X 1/4 X 7'-10 7/16	241
8	6	3817317	ANGLE, SUB-DIAGONAL 3 X 3 X 1/4 X 8'-2 1/4	250
9	6	3820663	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 6'-9 3/16	207
10	6	3820664	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 6'-9 11/16	208
11	3	3816066	PLATE, CENTER TIE 1/2 X 19 3/16 X 2'-4 1/4	241
12	6	3816067	PLATE, BOTTOM TIE 1/2 X 10 X 1'-3 9/16	114
13	6	3816068	PLATE, TOP TIE 1/2 X 10 X 1'-2 15/16	109
14	3	TS00507	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49
15	3	3816069	ANGLE, INTERNAL 3 X 3 X 1/4 X 14'-9 1/2	226
TOTAL WEIGHT LBS				5061

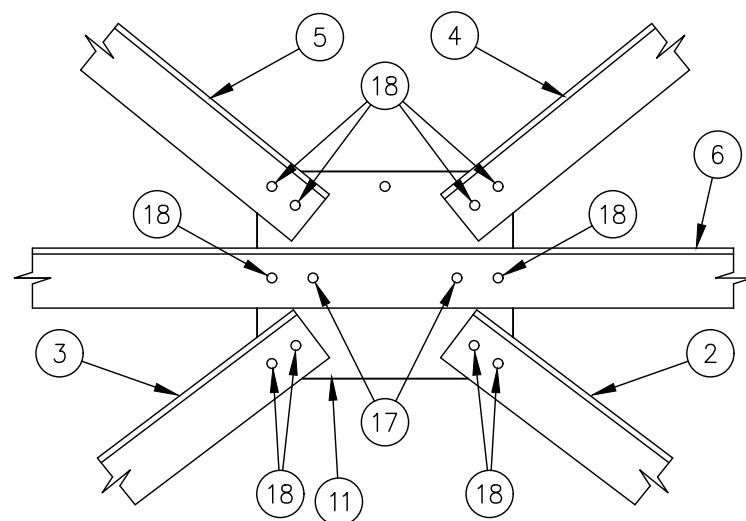
SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
16	24	C40025043	BOLT ASSEMBLY, 2 ∅ X 9 1/2 A449 3 1/2" THRD	370
TOTAL WEIGHT LBS				370

TK00573 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
17	7	C40026060	BOLT ASSEMBLY, 7/8 ∅ X 2 3/4 A325	8
18	107	C40026059	BOLT ASSEMBLY, 7/8 ∅ X 2 1/2 A325	111
19	88	C40026058	BOLT ASSEMBLY, 7/8 ∅ X 2 1/4 A325	88
TOTAL WEIGHT LBS				207

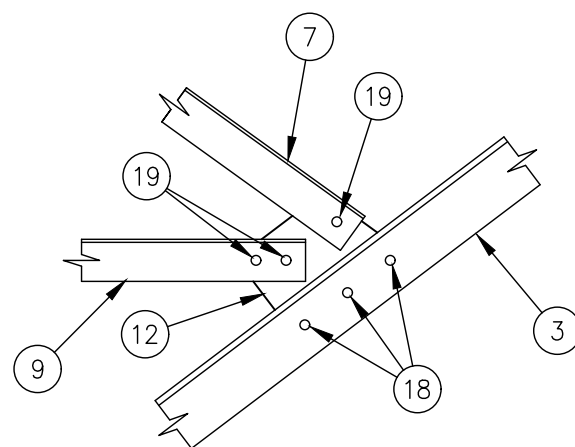
TOTAL SECTION WEIGHT – INCLUDES 3 LEGS, BRACING AND HARDWARE KIT 13417



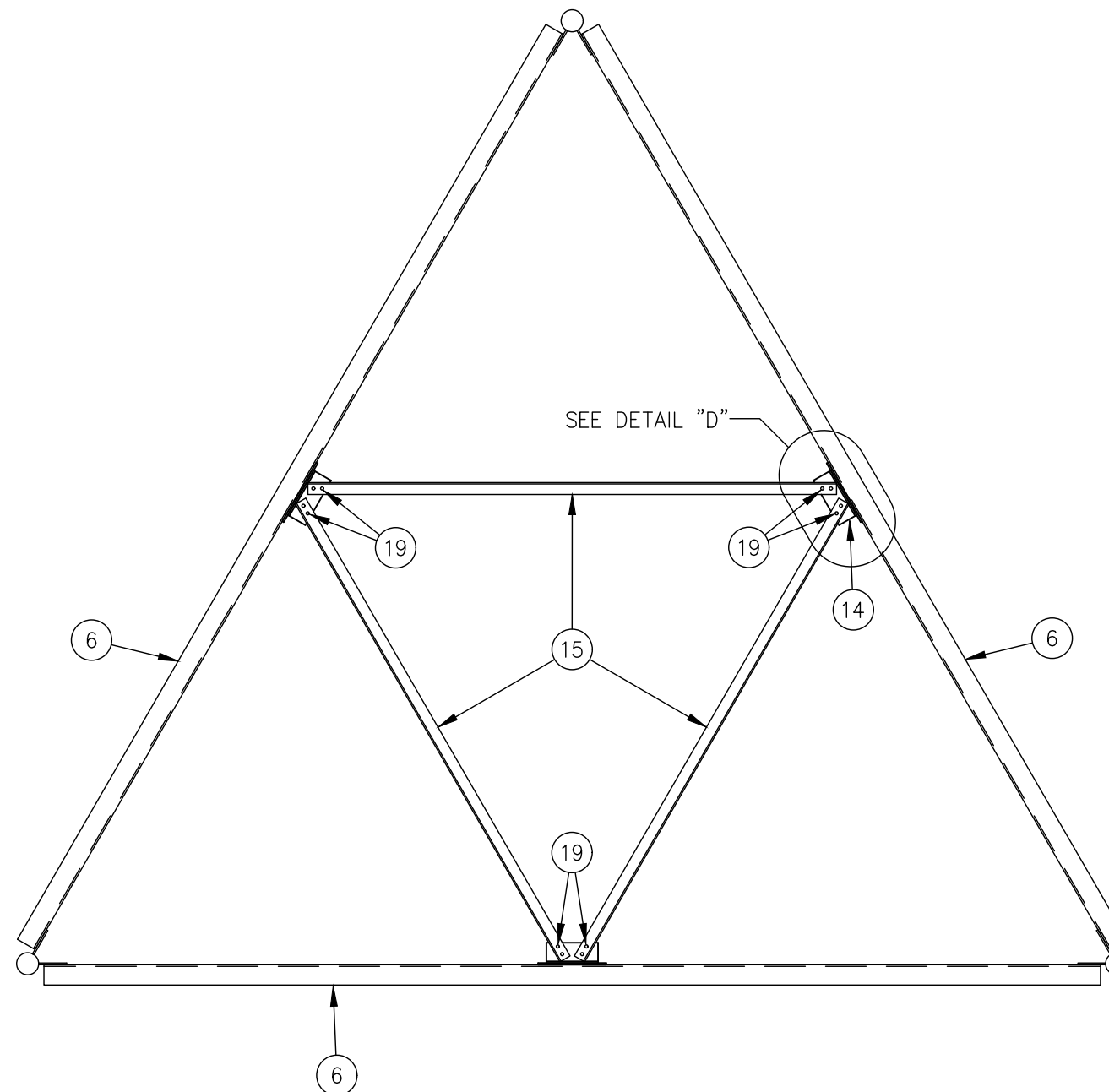
DETAIL "A"



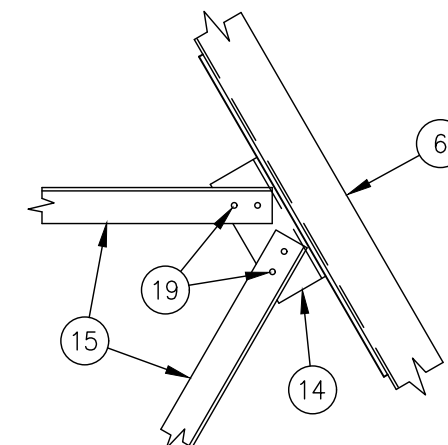
DETAIL "B"



DETAIL "C"



SECTION A-A



DETAIL "D"

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS $\pm 1/16"$
ANGLES $\pm 1/2$ DEG.
DECIMALS $\pm .010"$

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL



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SECTION ERECTION: 16 16-T8302125

SITE: FORT WHITE, FL

CUSTOMER: BURNS & MCDONNELL

JOB NO. 512004		SIZE B	DRAWING NO. 512004-S16		REV 0
DATE	09/23/22		SCALE None		PAGE 2 OF 2
DRAWN BY	KMP				
CHECKED BY	ZAK				



1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS PROVIDED FOR (3) LEGS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										SECTION ERECTION: 15 15-T8302124									
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										SITE: FORT WHITE, FL									
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															JOB NO. 512004			SIZE B	DRAWING NO. 512004-S15			REV 0		
															DATE		09/23/22							
															DRAWN BY		KMP					SCALE		PAGE
															CHECKED BY		ZAK					None		1 OF 2
REV	DATE	DRW	CHK	DESCRIPTION																				

LIST OF MATERIAL

15-LEGS

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	15-T1187193	SECT. 15 LEG 5 3/4 ø X 20'-0 5/16 W/STEP BOLTS	6808
			TOTAL WEIGHT LBS	6808

15-T8302124 BRACING KIT

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	3	3819477	ANGLE, DIAGONAL 6 X 4 X 1/2 X 16'-0 1/4	810
3	3	3819478	ANGLE, DIAGONAL 6 X 4 X 1/2 X 16'-0 1/4	810
4	3	3819479	ANGLE, DIAGONAL 6 X 4 X 1/2 X 15'-3 15/16	775
5	3	3819480	ANGLE, DIAGONAL 6 X 4 X 1/2 X 15'-3 15/16	775
6	3	3817838	ANGLE, HORIZONTAL 4 X 4 X 5/16 X 27'-9 3/4	712
7	6	3817839	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 7'-6 3/16	174
8	6	3817840	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 7'-9 15/16	181
9	6	3818002	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 6'-4 1/2	194
10	6	3818003	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 6'-5	196
11	3	3816081	PLATE, CENTER TIE 1/2 X 19 X 2'-3 1/8	234
12	6	3816082	PLATE, BOTTOM TIE 1/2 X 10 X 1'-2 3/4	110
13	6	3816083	PLATE, TOP TIE 1/2 X 10 X 1'-2 1/16	105
14	3	TS00507	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49
15	3	3816084	ANGLE, INTERNAL 3 X 3 X 1/4 X 13'-11	213
			TOTAL WEIGHT LBS	5338

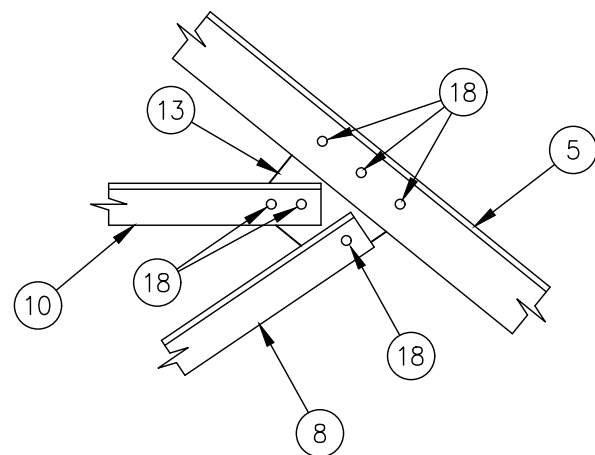
SPLICE BOLTS

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
16	25	C40026167	BOLT ASSEMBLY, 1 1/2 ø X 7 1/2 A325	165
			TOTAL WEIGHT LBS	165

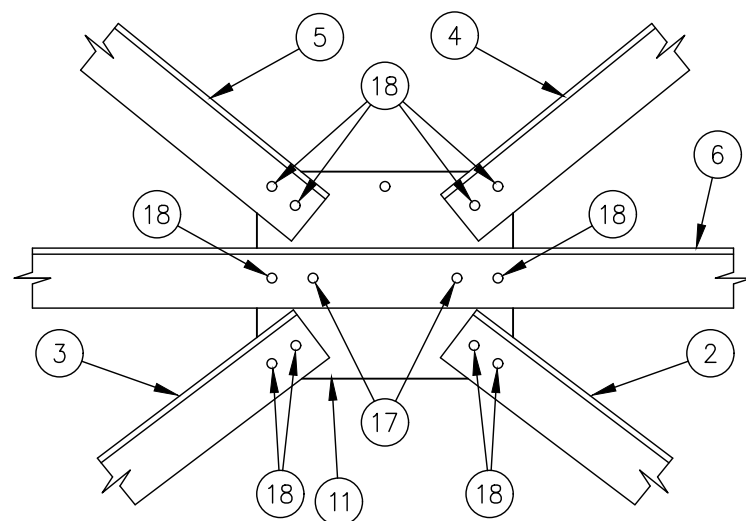
TK00683 HARDWARE KIT

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
17	7	C40026060	BOLT ASSEMBLY, 7/8 ø X 2 3/4 A325	8
18	195	C40026058	BOLT ASSEMBLY, 7/8 ø X 2 1/4 A325	195
			TOTAL WEIGHT LBS	203

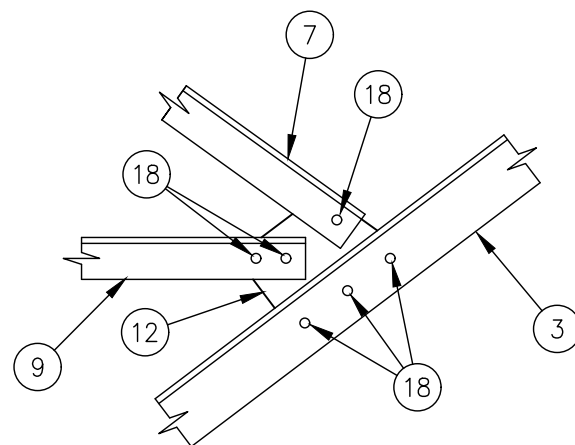
TOTAL SECTION WEIGHT – INCLUDES 3 LEGS, BRACING AND HARDWARE KIT	12514
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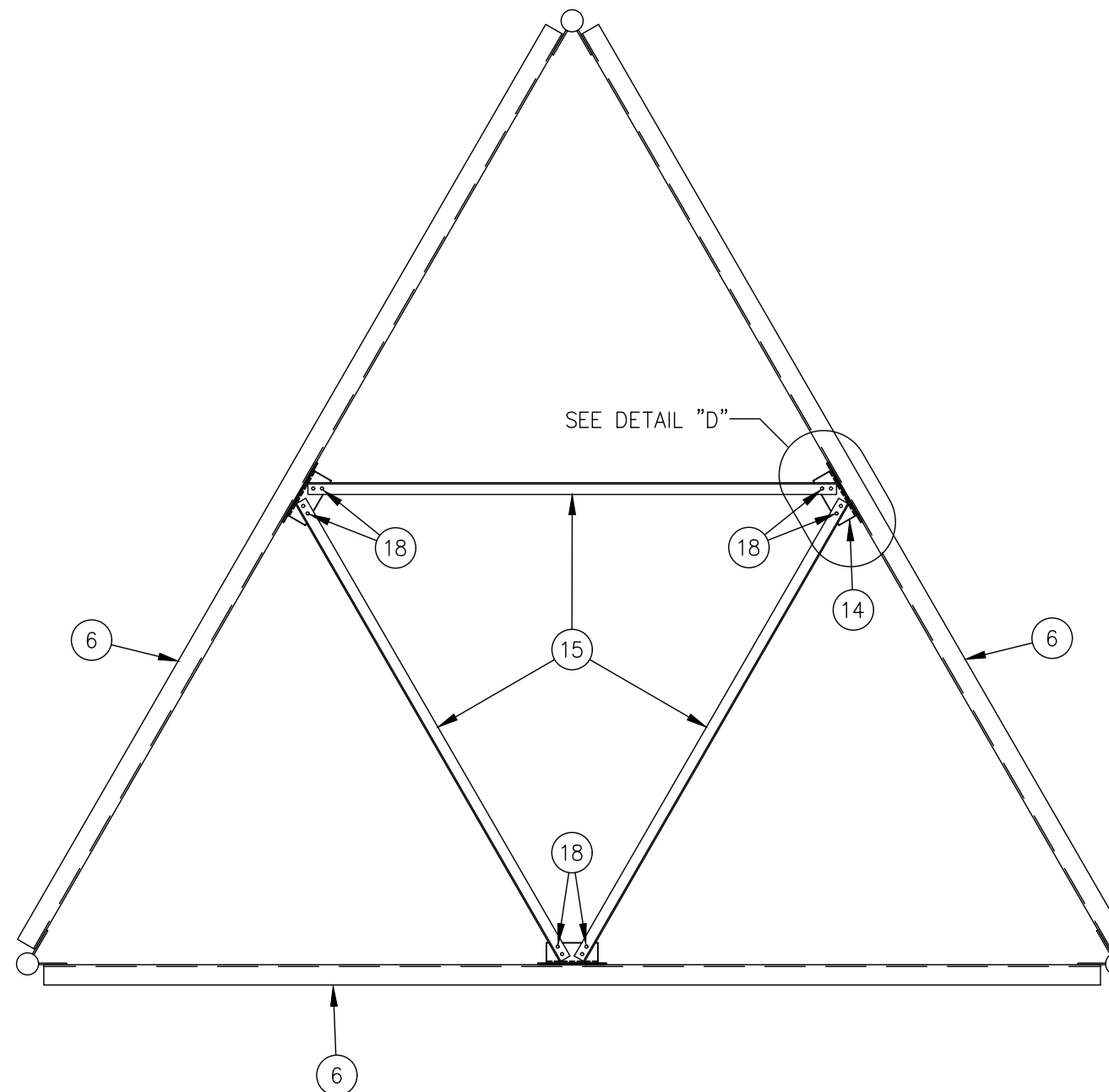
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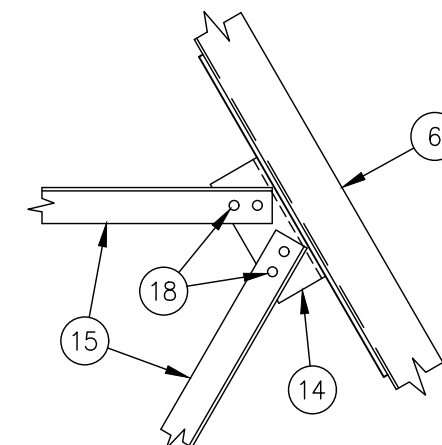
DETAIL "B"



DETAIL "C"



SECTION A-A



DETAIL "D"

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES
TOLERANCES: FRACTIONS $\pm 1/16"$
ANGLES $\pm 1/2$ DEG.
DECIMALS $\pm .010"$

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL



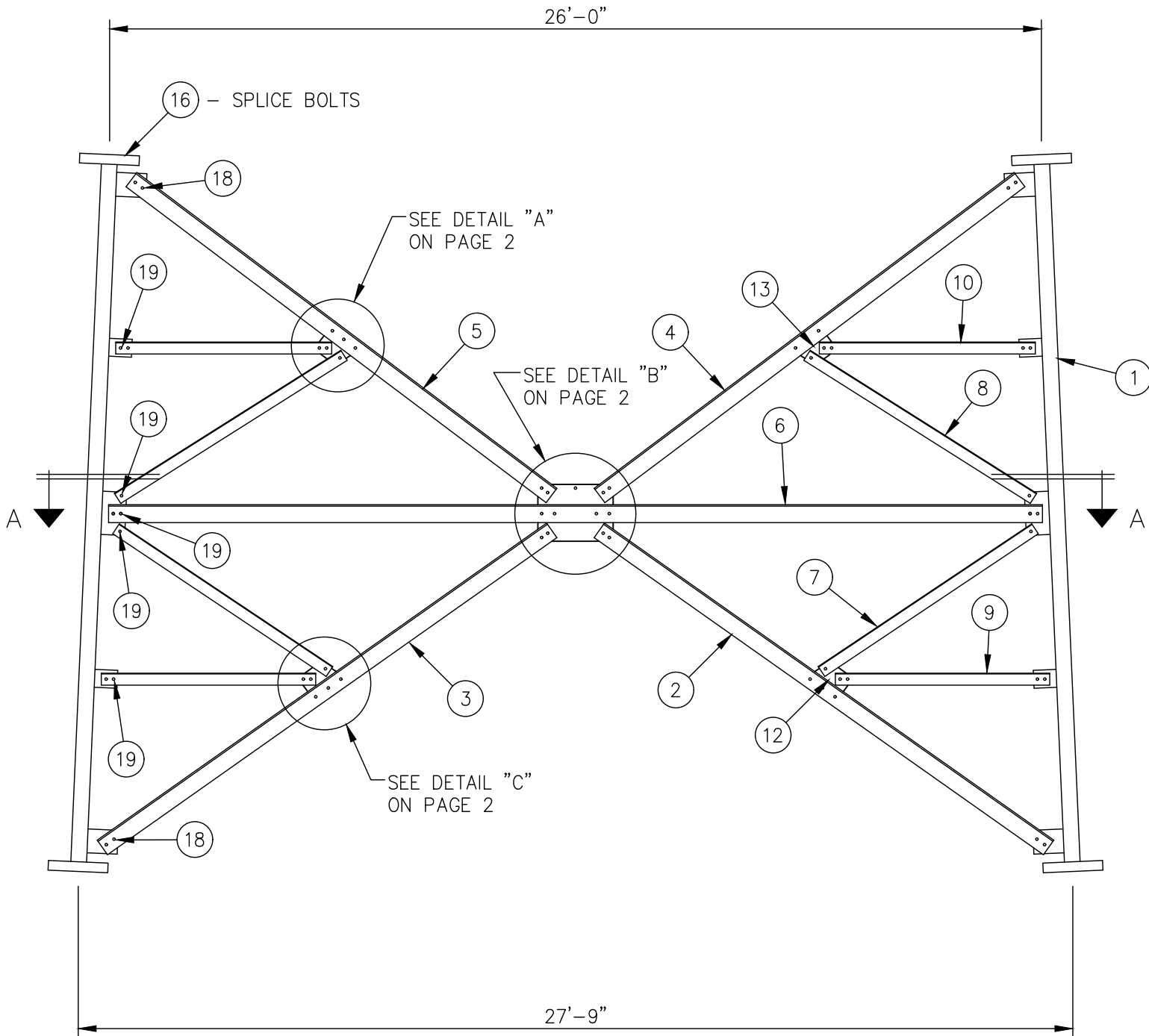
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SECTION ERECTION: 15 15-T8302124

SITE: FORT WHITE, FL

CUSTOMER: BURNS & MCDONNELL

JOB NO. 512004		SIZE B	DRAWING NO. 512004-S15		REV 0
DATE	09/23/22		SCALE None		PAGE 2 OF 2
DRAWN BY	KMP				
CHECKED BY	ZAK				



ELEVATION VIEW

FIELD NOTES

- 1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
- 2. STEP BOLTS PROVIDED FOR (3) LEGS.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS ± 1/16"
ANGLES ± 1/2 DEG.
DECIMALS ± .010"

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL



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SECTION ERECTION: 14 14-T8302126

SITE: FORT WHITE, FL

CUSTOMER: BURNS & MCDONNELL

JOB NO. 512004

DATE 09/26/22

DRAWN BY KMP

CHECKED BY ZAK

SIZE B

SCALE None

DRAWING NO. 512004-S14

PAGE 1 OF 2

REV

DATE

DRW

CHK

DESCRIPTION

LIST OF MATERIAL

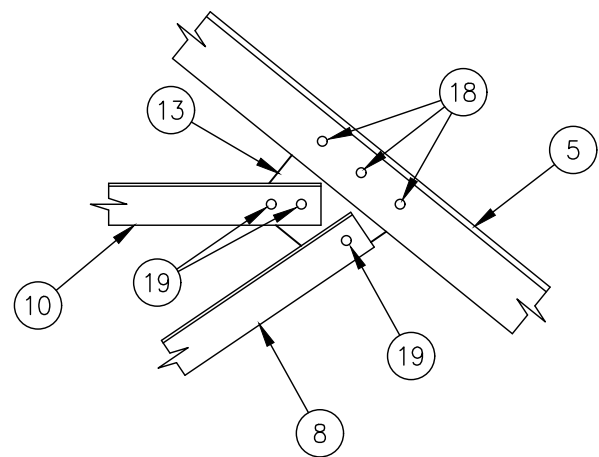
14 LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	14-T1187195	SECT. 14 LEG 5 1/2 ø X 20'-0 5/16 W/STEP BOLTS	5972
TOTAL WEIGHT LBS				5972

14-T8302126 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	3	3819929	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 15'-4 3/16	498
3	3	3819930	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 15'-4 3/16	498
4	3	3819931	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-8	476
5	3	3819932	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-8	476
6	3	3820486	ANGLE, HORIZONTAL 4 X 4 X 5/16 X 26'-0 3/4	667
7	6	3820665	ANGLE, SUB-DIAGONAL 3 X 3 X 1/4 X 7'-2	166
8	6	3820666	ANGLE, SUB-DIAGONAL 3 X 3 X 1/4 X 7'-5 11/16	173
9	6	3820667	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 5'-11 13/16	139
10	6	3820668	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 6'-0 5/16	140
11	3	3815335	PLATE, CENTER TIE 1/2 X 19 1/2 X 2'-1 5/8	218
12	6	3815336	PLATE, BOTTOM TIE 1/2 X 10 X 1'-1 7/8	106
13	6	3815337	PLATE, TOP TIE 1/2 X 10 X 1'-1 1/4	100
14	3	TS00507	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49
15	3	3815347	ANGLE, INTERNAL 3 X 3 X 1/4 X 13'-0 1/2	200
TOTAL WEIGHT LBS				3906

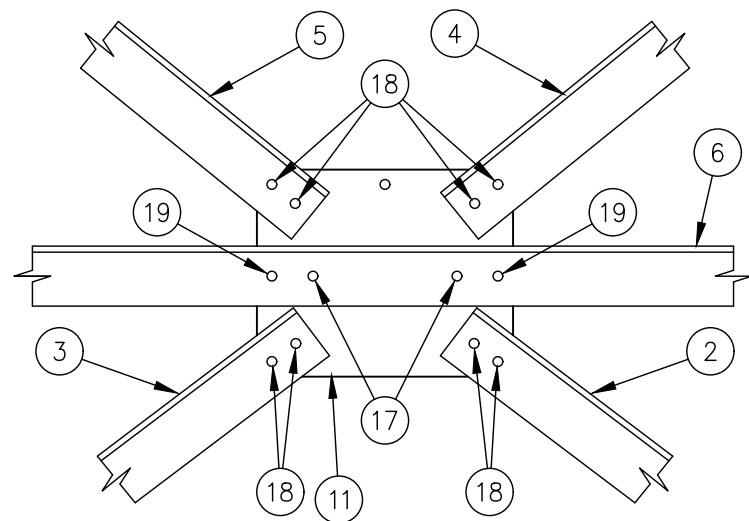
SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
16	25	C40026167	BOLT ASSEMBLY, 1 1/2 ø X 7 1/2 A325	165
TOTAL WEIGHT LBS				165

TK00574 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
17	7	C40026060	BOLT ASSEMBLY, 7/8 ø X 2 3/4 A325	8
18	88	C40026059	BOLT ASSEMBLY, 7/8 ø X 2 1/2 A325	92
19	107	C40026058	BOLT ASSEMBLY, 7/8 ø X 2 1/4 A325	107
TOTAL WEIGHT LBS				207

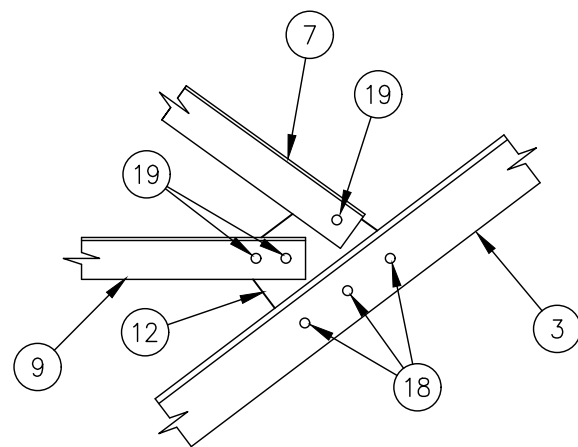
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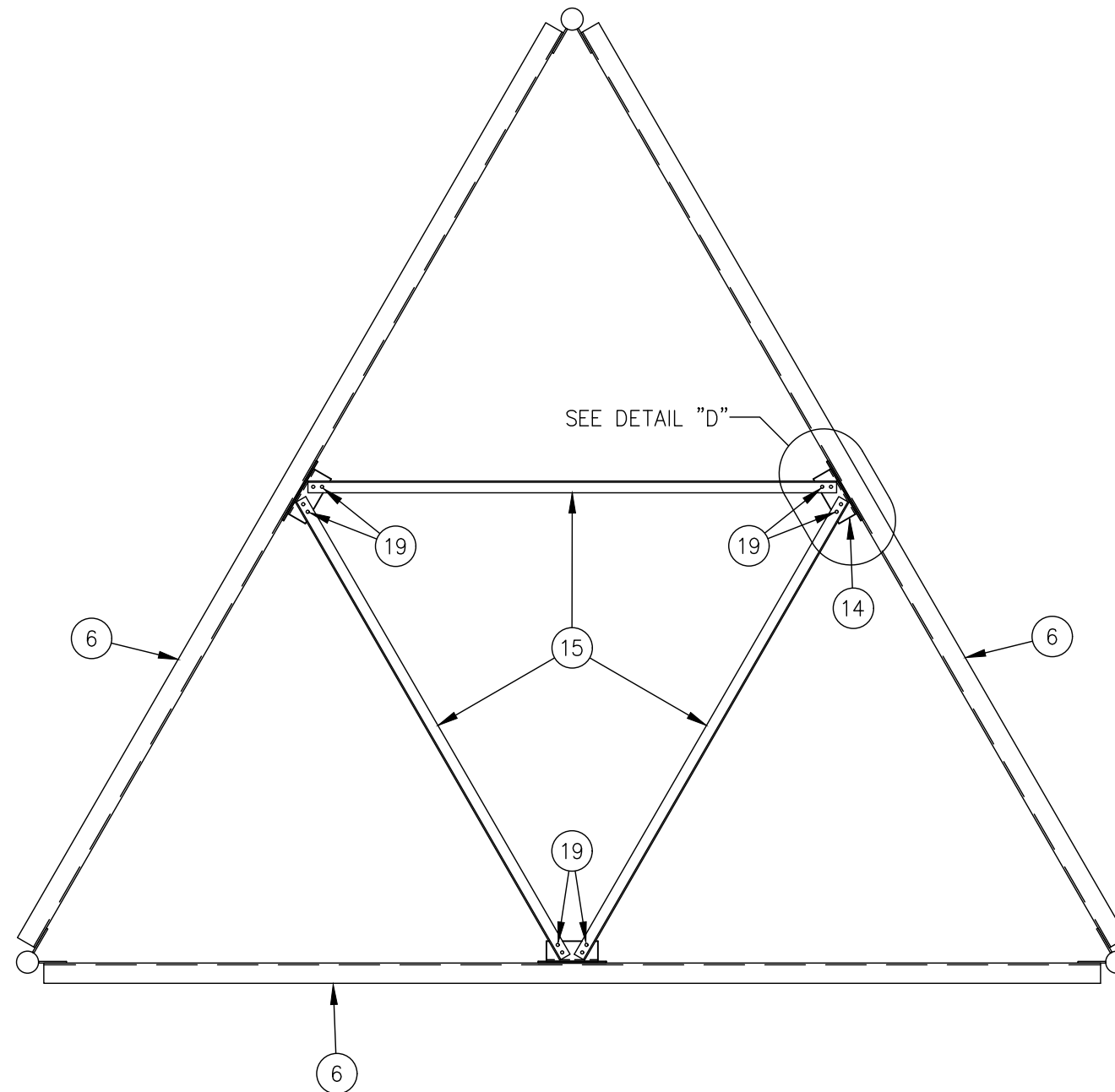
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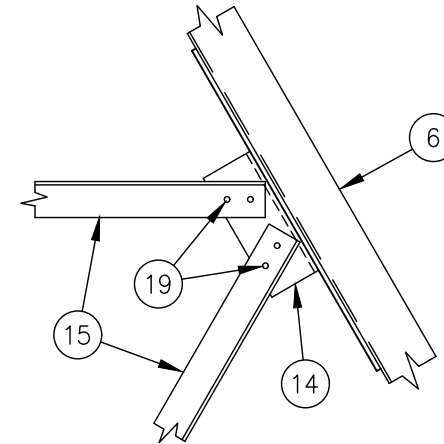
DETAIL "B"



DETAIL "C"



SECTION A-A



DETAIL "D"

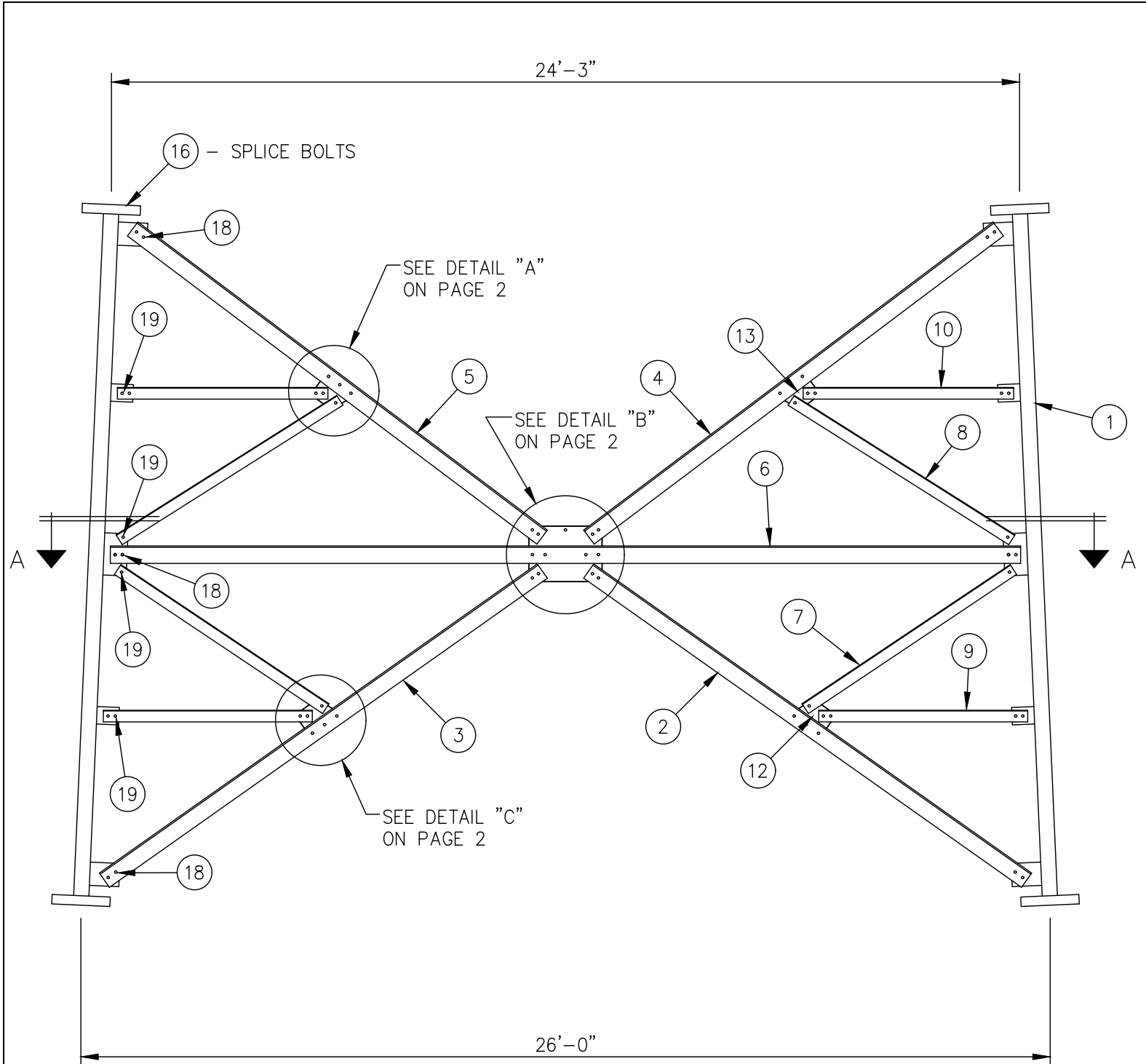
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:	
TOLERANCES: FRACTIONS $\pm 1/16"$ ANGLES $\pm 1/2$ DEG. DECIMALS $\pm .010"$				TOLERANCES DO NOT APPLY TO RAW MATERIAL	
REV	DATE	DRW	CHK	DESCRIPTION	

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SECTION ERECTION: 14 14-T8302126					
SITE: FORT WHITE, FL					
CUSTOMER: BURNS & MCDONNELL					
JOB NO. 512004		SIZE B	DRAWING NO. 512004-S14		REV 0
DATE	09/26/22				
DRAWN BY	KMP			SCALE	PAGE
CHECKED BY	ZAK			None	2 OF 2

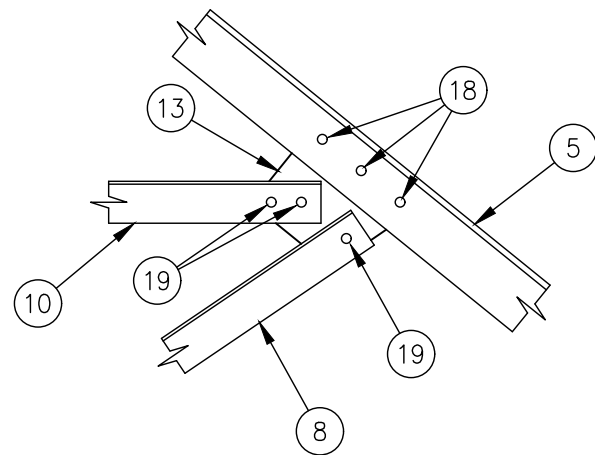


ELEVATION VIEW

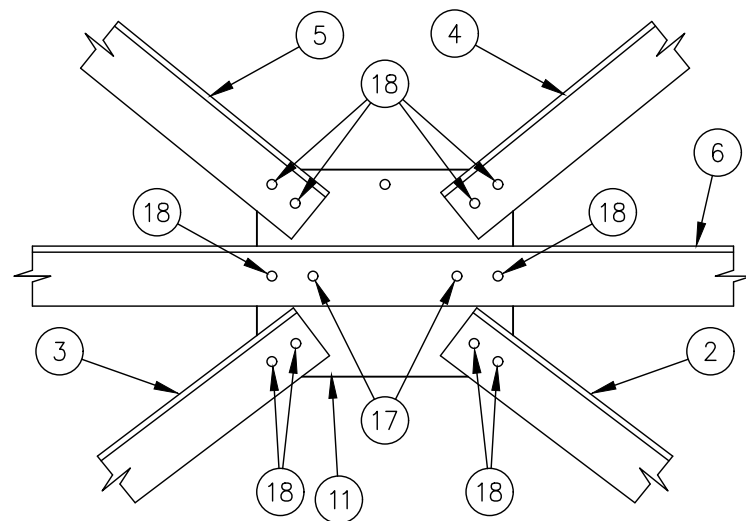
FIELD NOTES

1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS PROVIDED FOR (3) LEGS.

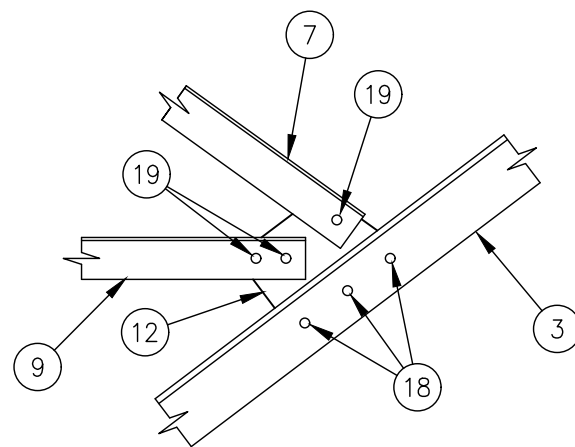
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:			SECTION ERECTION: 13 13-T8300734					
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL			SITE: FORT WHITE, FL					
								CUSTOMER: BURNS & MCDONNELL					
					CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.			JOB NO. 512004		SIZE B	DRAWING NO. 512004-S13		REV 0
								DATE 09/26/22					
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								CHECKED BY ZAK					
										SCALE None		PAGE 1 OF 2	
REV	DATE	DRW	CHK	DESCRIPTION									



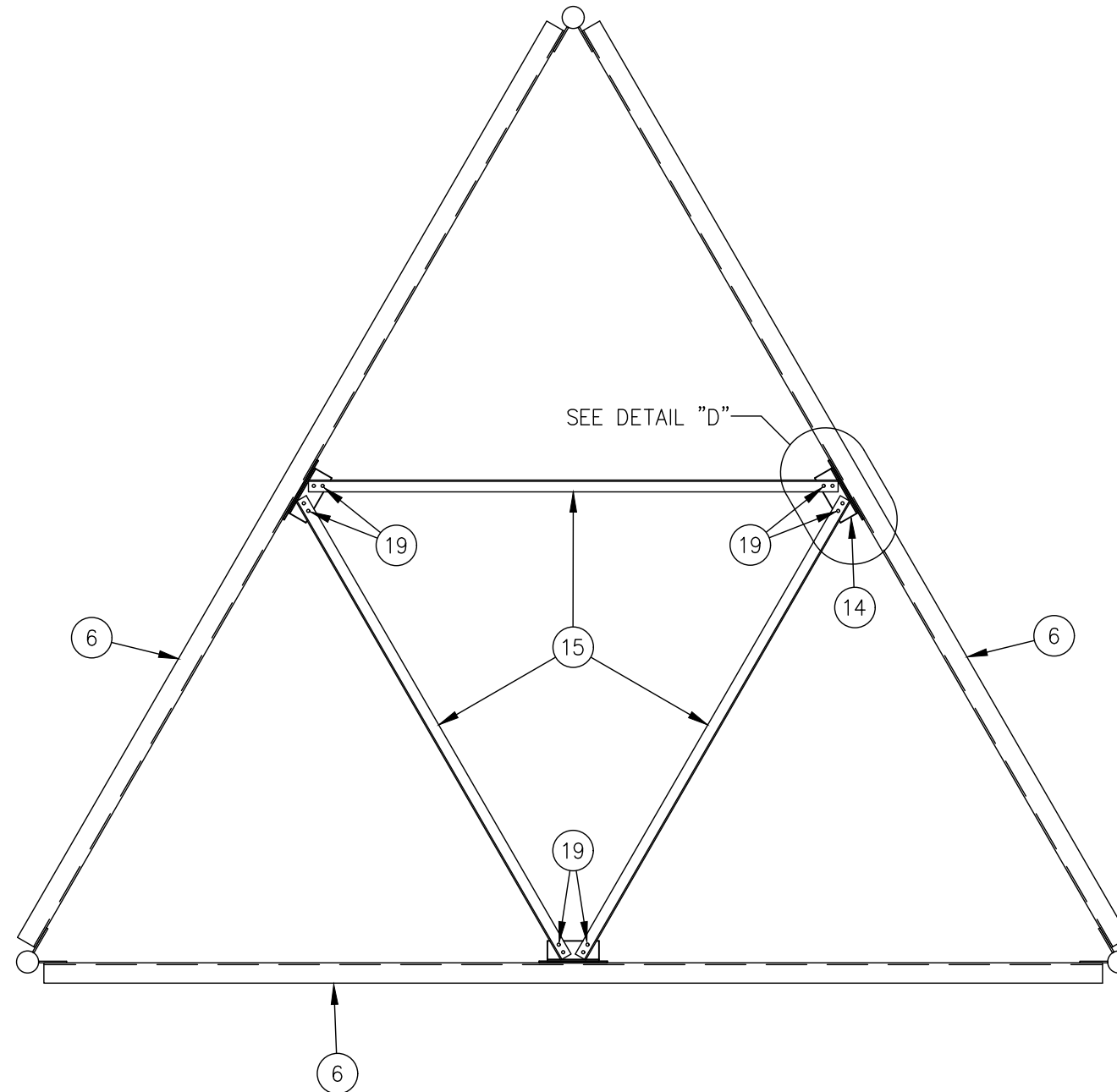
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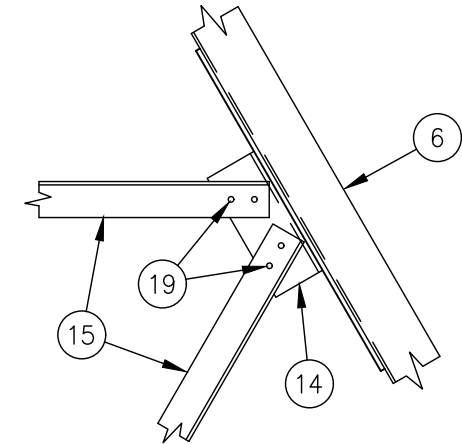
DETAIL "B"



DETAIL "C"



SECTION A-A



DETAIL "D"

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:	
TOLERANCES: FRACTIONS $\pm 1/16"$ ANGLES $\pm 1/2$ DEG. DECIMALS $\pm .010"$				TOLERANCES DO NOT APPLY TO RAW MATERIAL	
REV	DATE	DRW	CHK	DESCRIPTION	

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SECTION ERECTION: 13 13-T8300734					
SITE: FORT WHITE, FL					
CUSTOMER: BURNS & MCDONNELL					
JOB NO. 512004		SIZE B	DRAWING NO. 512004-S13		REV 0
DATE	09/26/22				
DRAWN BY	KMP			SCALE	PAGE
CHECKED BY	ZAK			None	2 OF 2



1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS PROVIDED FOR (3) LEGS.

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LIST OF MATERIAL

12-LEGS

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	12-T1181543	SECT. 12 LEG 5 1/4 Ø X 20'-0 5/16 W/STEP BOLTS	5529
			TOTAL WEIGHT LBS	5529

12-T8300735 BRACING KIT

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	3	3815301	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-1 15/16	460
3	3	3815302	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-1 15/16	460
4	3	3815303	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 13'-6 1/4	439
5	3	3815304	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 13'-6 1/4	439
6	3	3815488	ANGLE, HORIZONTAL 4 X 3 1/2 X 1/4 X 22'-6 3/4	437
7	6	3815075	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 6'-6 3/8	151
8	6	3815076	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 6'-9 15/16	158
9	6	3815489	ANGLE, SUB-HORIZONTAL 3 X 3 X 3/16 X 5'-3 3/16	122
10	6	3815490	ANGLE, SUB-HORIZONTAL 3 X 3 X 3/16 X 5'-3 5/8	123
11	3	3815079	PLATE, CENTER TIE 1/2 X 17 7/16 X 1'-8 1/8	155
12	6	3815080	PLATE, BOTTOM TIE 1/2 X 9 X 0'-11 1/16	80
13	6	3815081	PLATE, TOP TIE 1/2 X 9 X 0'-10 1/2	76
14	3	TS00397	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49
15	3	3815128	ANGLE, INTERNAL 3 X 3 X 3/16 X 11'-3 1/2	131
			TOTAL WEIGHT LBS	3280

SPLICE BOLTS

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
16	25	C40026167	BOLT ASSEMBLY, 1 1/2 ø X 7 1/2 A325	165
			TOTAL WEIGHT LBS	165

TK00344 HARDWARE KIT

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
17	7	C40026045	BOLT ASSEMBLY, 3/4 ø X 2 1/2 A325	5
18	107	C40026044	BOLT ASSEMBLY, 3/4 ø X 2 1/4 A325	79
19	88	C40026043	BOLT ASSEMBLY, 3/4 ø X 2 A325	62
			TOTAL WEIGHT LBS	146

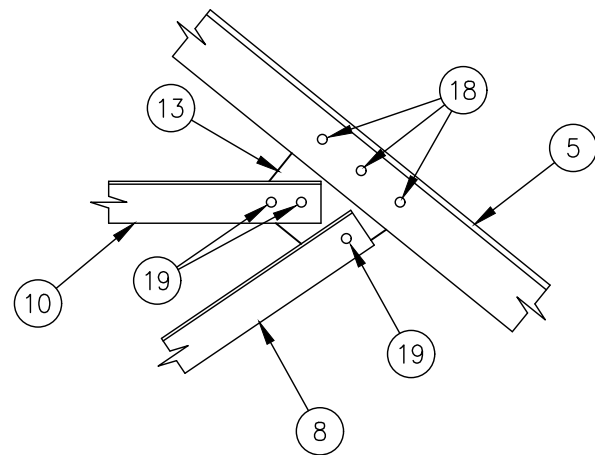
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SECTION ERECTION: 12 12-T8300735

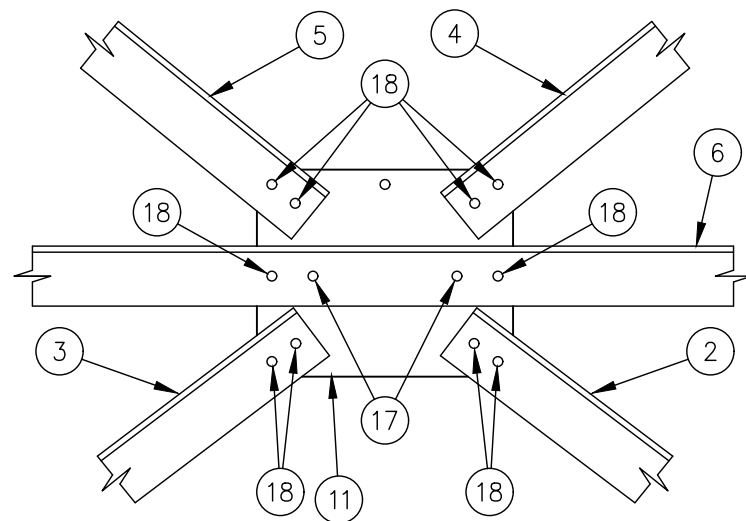
SITE: FORT WHITE, FL

CUSTOMER: BURNS & MCDONNELL

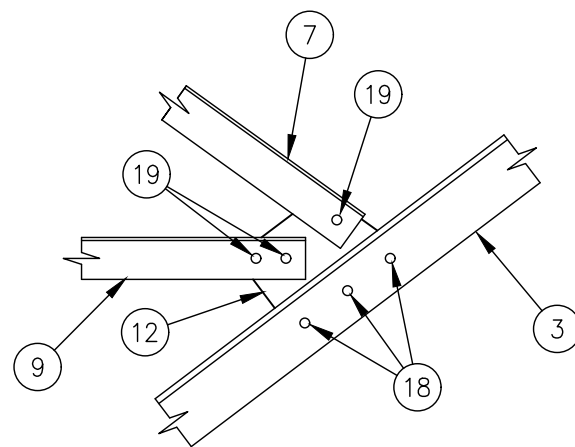
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DATE	09/26/22				
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CHECKED BY	ZAK				



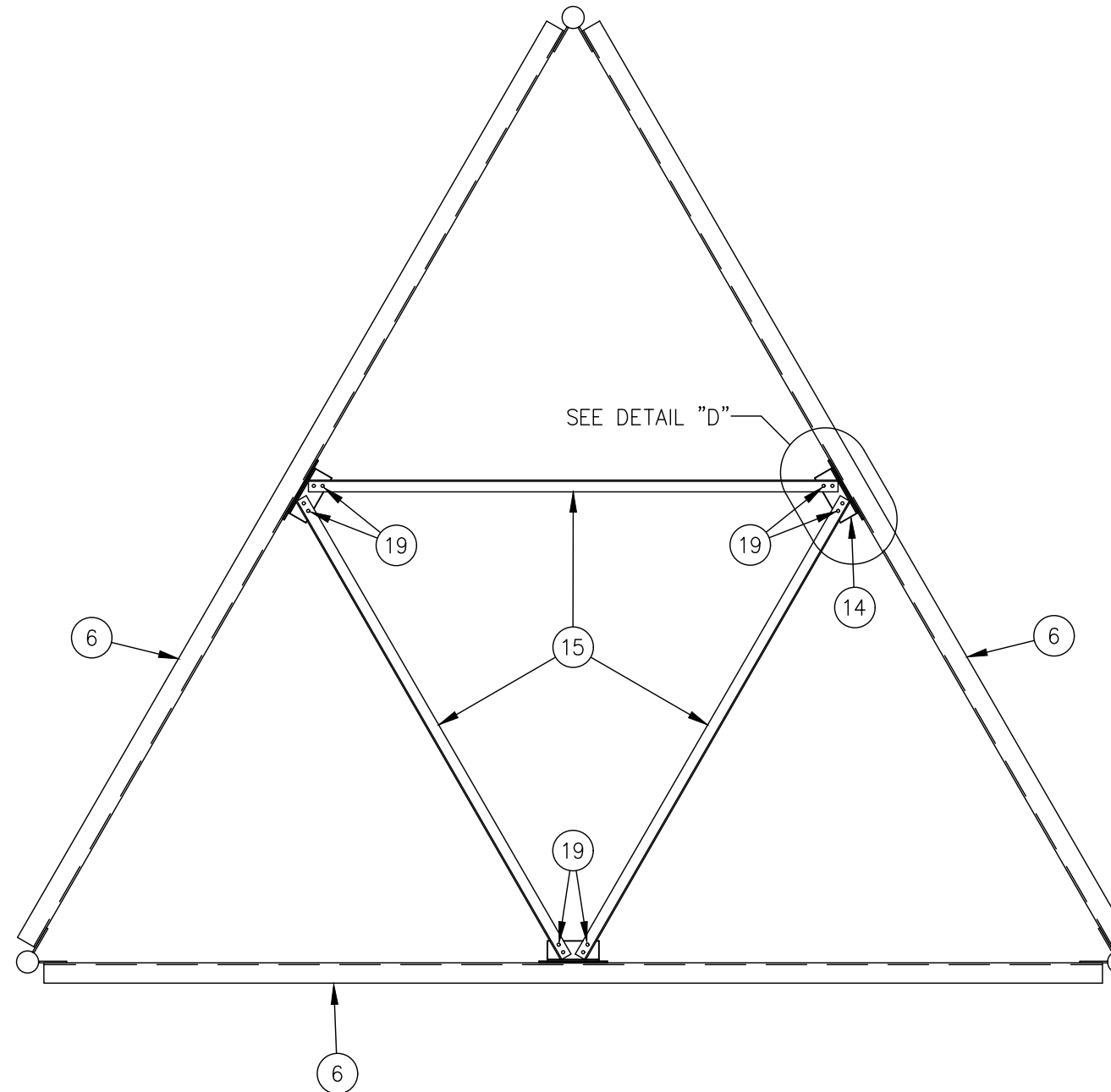
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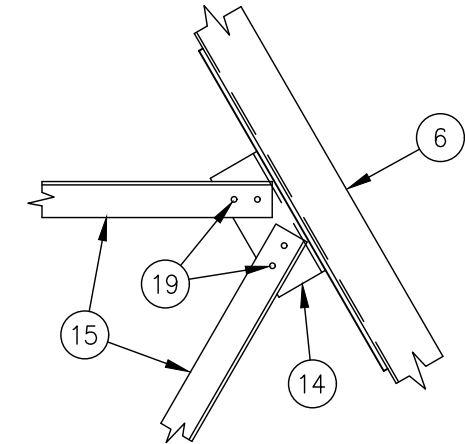
DETAIL "B"



DETAIL "C"



SECTION A-A



DETAIL "D"

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:	
TOLERANCES: FRACTIONS $\pm 1/16"$ ANGLES $\pm 1/2$ DEG. DECIMALS $\pm .010"$				TOLERANCES DO NOT APPLY TO RAW MATERIAL	
REV	DATE	DRW	CHK	DESCRIPTION	



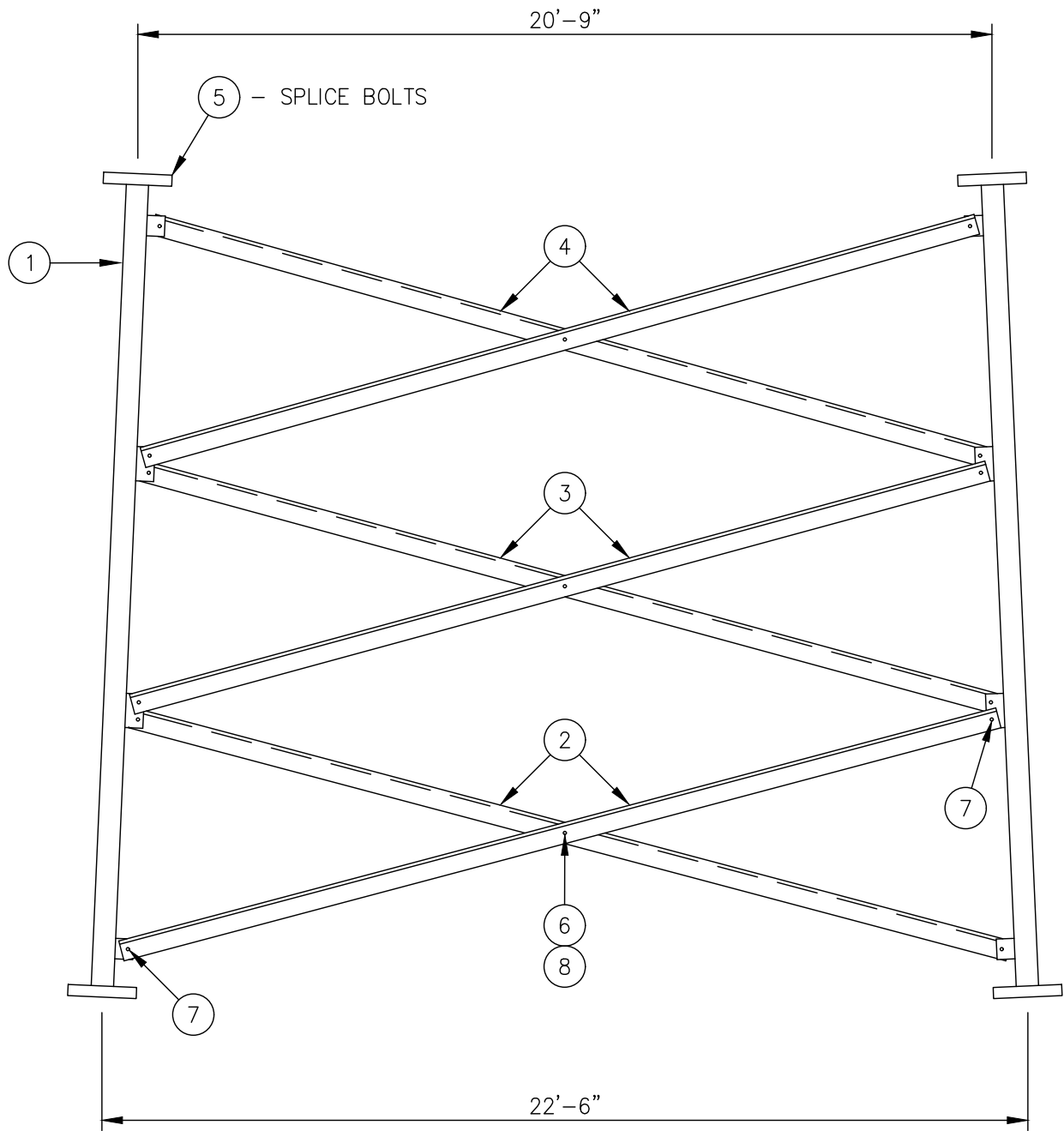
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SECTION ERECTION: 12 12-T8300735

SITE: FORT WHITE, FL

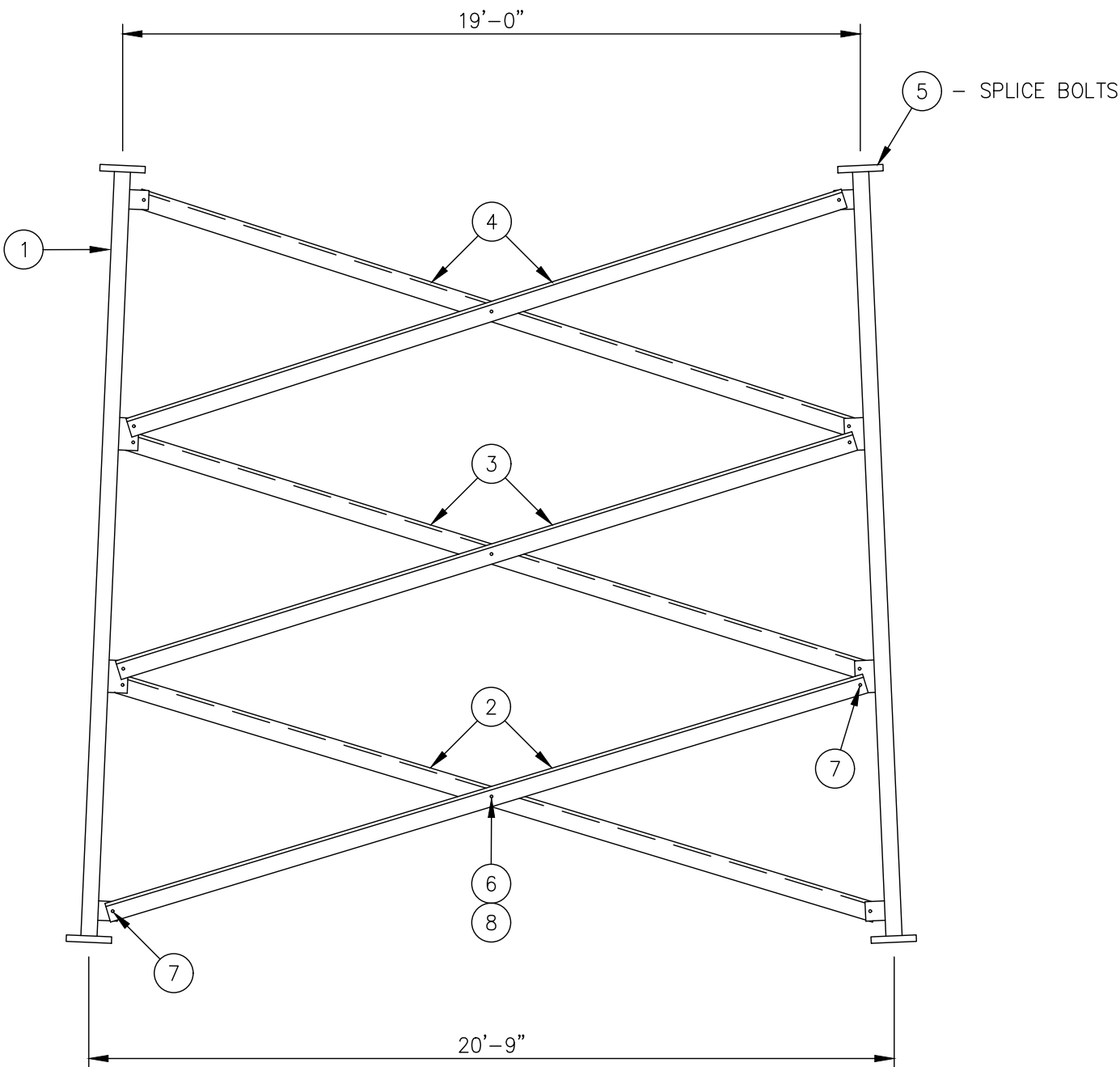
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JOB NO. 512004		SIZE B	DRAWING NO. 512004-S12		REV 0
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ELEVATION VIEW

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TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										SITE: FORT WHITE, FL				
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										DATE	09/26/22								
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ELEVATION VIEW

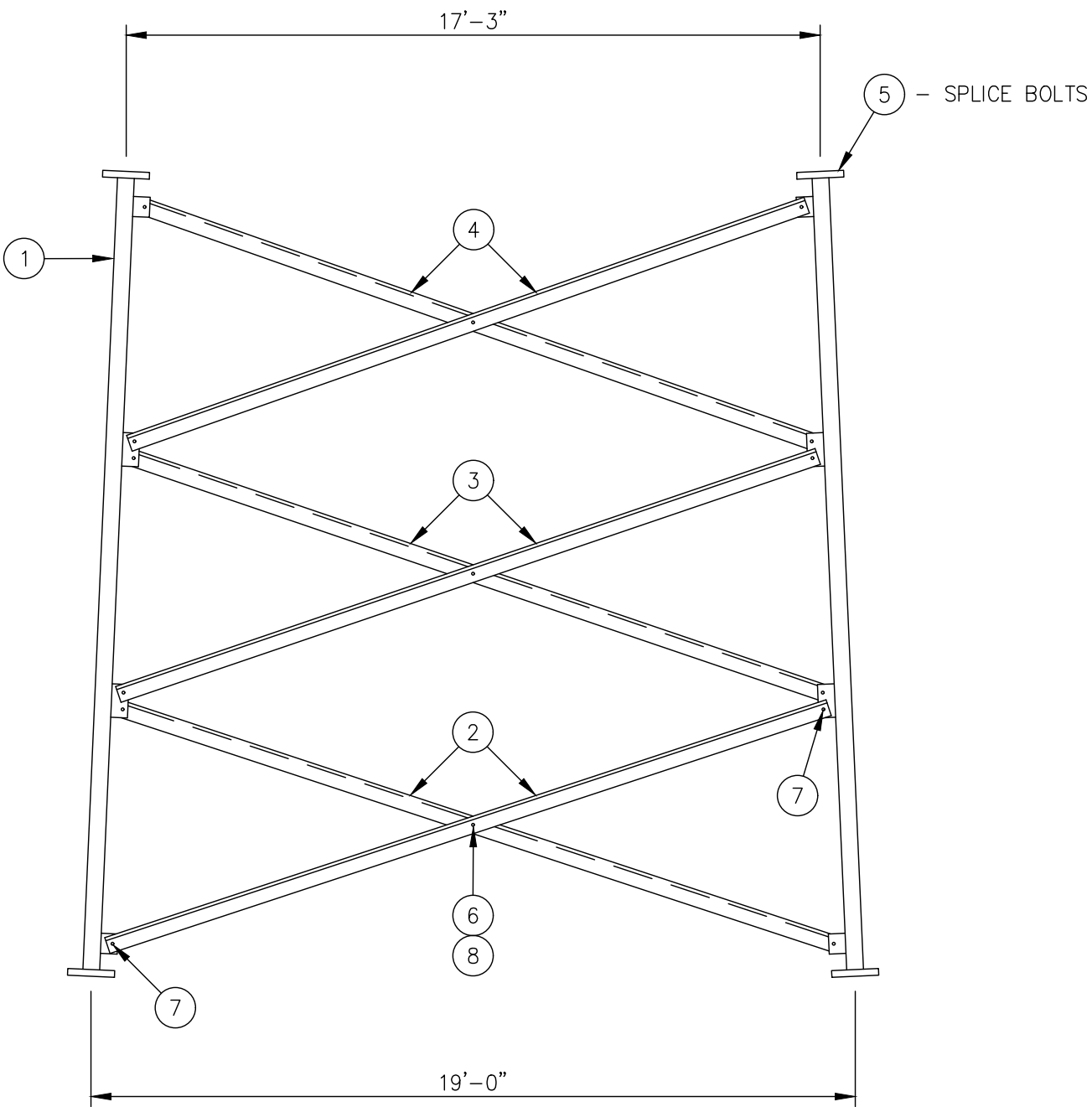
LIST OF MATERIAL

10- LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	10-T1181449	SECT. 10 LEG 5 1/4 ø X 20'-0 5/16 W/STEP BOLTS	5351
TOTAL WEIGHT LBS				5351
10-T8302127 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	6	TS10773	ANGLE, DIAGONAL 4 X 4 X 1/2 X 20'-4 5/16	1626
3	6	TS10774	ANGLE, DIAGONAL 4 X 4 X 1/2 X 19'-10 5/16	1586
4	6	TS10775	ANGLE, DIAGONAL 4 X 4 X 1/2 X 19'-4 5/16	1546
TOTAL WEIGHT LBS				4758
SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
5	25	C40026167	BOLT ASSEMBLY, 1 1/2 ø X 7 1/2 A325	165
TOTAL WEIGHT LBS				165
TK00320 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
6	10	C40026061	BOLT ASSEMBLY, 7/8 ø X 3 A325	11
7	38	C40026059	BOLT ASSEMBLY, 7/8 ø X 2 1/2 A325	40
8	10	C40047011	RINGFILL, 1/2 THICK - 7/8 ø BOLT	2
TOTAL WEIGHT LBS				53
TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT				10327

FIELD NOTES

1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS PROVIDED FOR (3) LEGS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										SECTION ERECTION: 10 10-T8302127				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										SITE: FORT WHITE, FL				
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ELEVATION VIEW

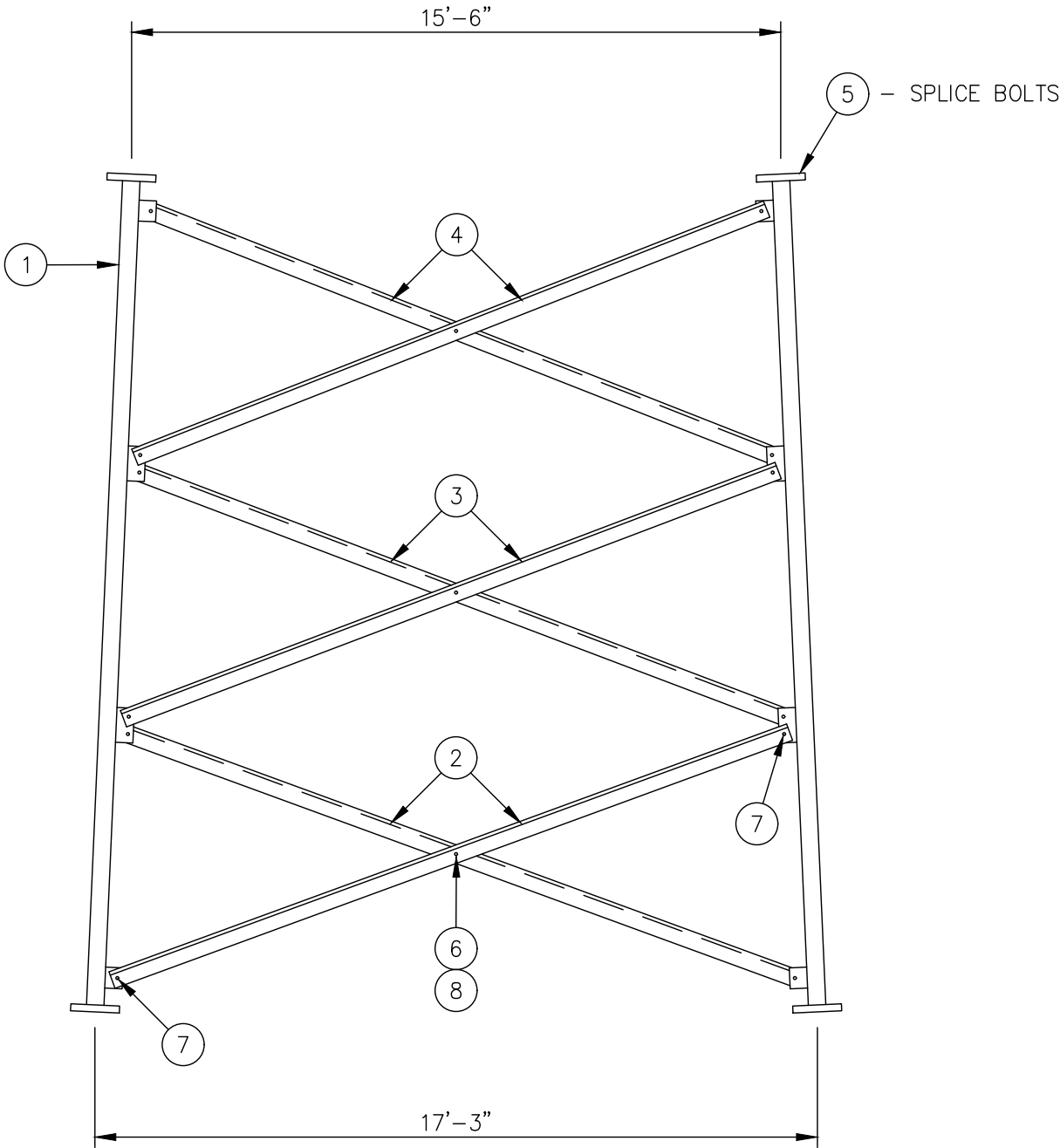
LIST OF MATERIAL

09- LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	09-T1181101	SECT. 9 LEG 5 1/4 ø X 20'-0 5/16 W/STEP BOLTS	5322
TOTAL WEIGHT LBS				5322
09-T8300102 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	6	TS02677	ANGLE, DIAGONAL 4 X 4 X 5/16 X 18'-10 3/16	965
3	6	TS02678	ANGLE, DIAGONAL 4 X 4 X 5/16 X 18'-4 3/16	939
4	6	TS02679	ANGLE, DIAGONAL 4 X 4 X 5/16 X 17'-10 3/16	914
TOTAL WEIGHT LBS				2818
SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
5	25	C40026166	BOLT ASSEMBLY, 1 1/2 ø X 7 A325	158
TOTAL WEIGHT LBS				158
TK00264 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
6	10	C40026060	BOLT ASSEMBLY, 7/8 ø X 2 3/4 A325	11
7	38	C40026058	BOLT ASSEMBLY, 7/8 ø X 2 1/4 A325	38
8	10	C40047011	RINGFILL, 1/2 THICK - 7/8 ø BOLT	2
TOTAL WEIGHT LBS				51
TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT				8349

FIELD NOTES

- 1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
- 2. STEP BOLTS PROVIDED FOR (3) LEGS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:			SECTION ERECTION: 09 09-T8300102					
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ELEVATION VIEW

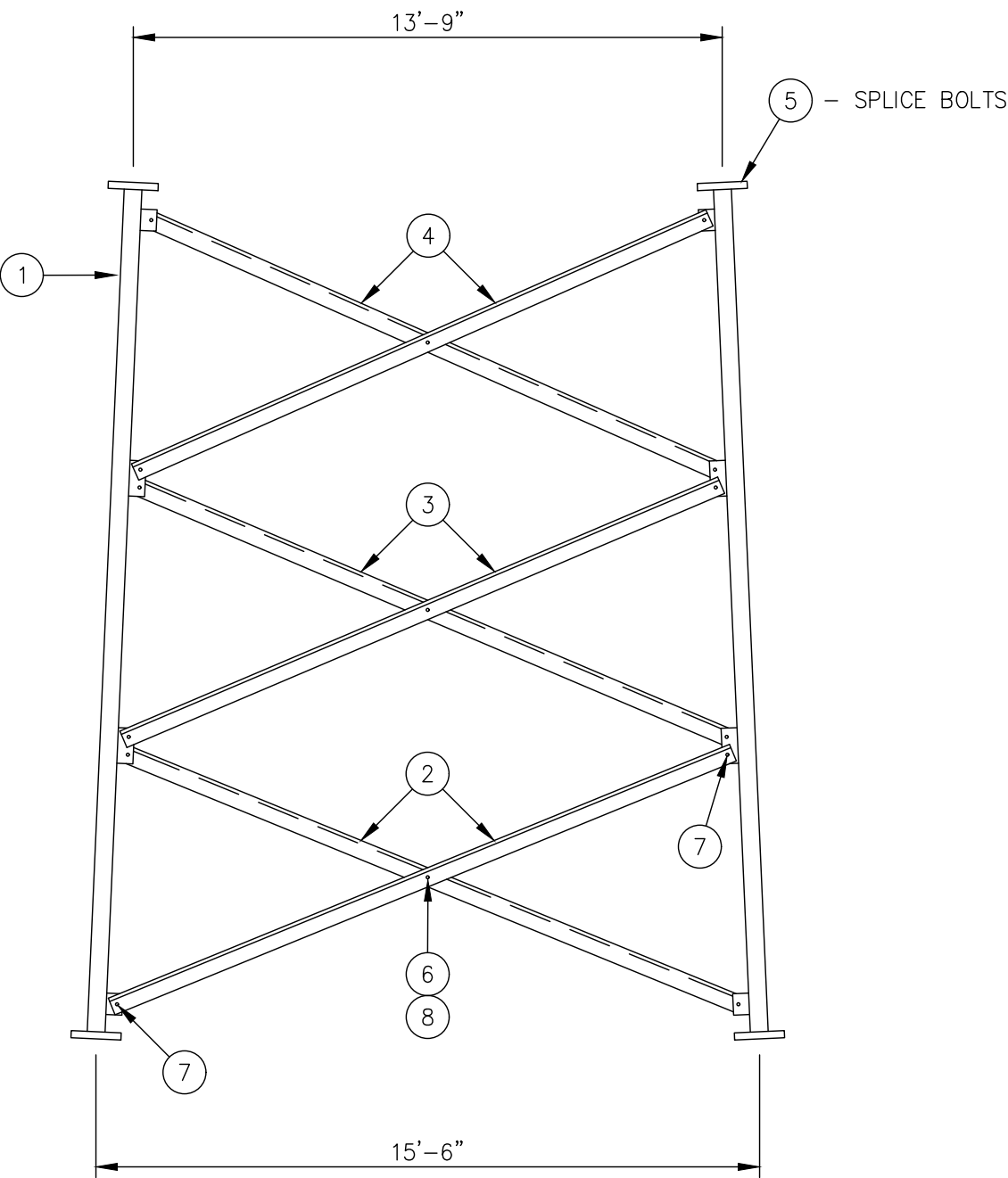
LIST OF MATERIAL

08- LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	08-T1187199	SECT. 8 LEG 4 ø X 20'-0 5/16 W/STEP BOLTS	3236
TOTAL WEIGHT LBS				3236
08-T8300083 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	6	TS02620	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 17'-2 3/4	623
3	6	TS02621	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 16'-8 9/16	605
4	6	TS02622	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 16'-2 1/2	587
TOTAL WEIGHT LBS				1815
SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
5	19	C40026094	BOLT ASSEMBLY, 1 1/4 ø X 5 1/2 A325	69
TOTAL WEIGHT LBS				69
TK00261 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
6	10	C40026045	BOLT ASSEMBLY, 3/4 ø X 2 1/2 A325	8
7	38	C40026044	BOLT ASSEMBLY, 3/4 ø X 2 1/4 A325	28
8	10	C40047009	RINGFILL, 1/2 THICK - 3/4 ø BOLT	2
TOTAL WEIGHT LBS				38
TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT				5158

FIELD NOTES

1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS PROVIDED FOR (3) LEGS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:			SECTION ERECTION: 08 08-T8300083						
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL			SITE: FORT WHITE, FL						
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ELEVATION VIEW

LIST OF MATERIAL

07-LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	07-T1181025	SECT. 7 LEG 3 3/4 ø X 20'-0 5/16 W/STEP BOLTS	2780
TOTAL WEIGHT LBS				2780

07-T8300072 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	6	TS02587	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 15'-8 1/16	567
3	6	TS02588	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 15'-2 1/16	549
4	6	TS02589	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 14'-8	531
TOTAL WEIGHT LBS				1647

SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
5	19	C40026094	BOLT ASSEMBLY, 1 1/4 ø X 5 1/2 A325	69
TOTAL WEIGHT LBS				69

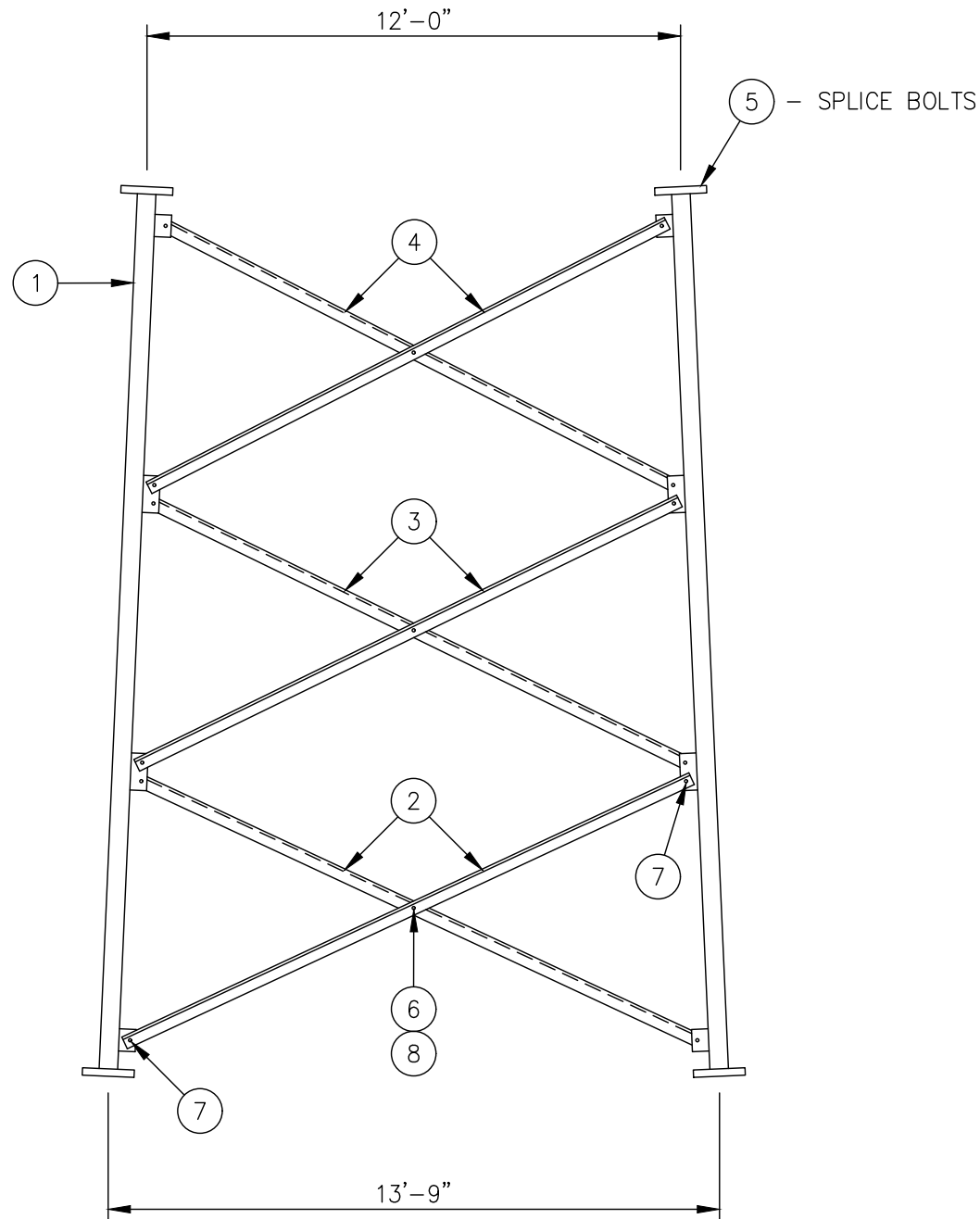
TK00261 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
6	10	C40026045	BOLT ASSEMBLY, 3/4 ø X 2 1/2 A325	8
7	38	C40026044	BOLT ASSEMBLY, 3/4 ø X 2 1/4 A325	28
8	10	C40047009	RINGFILL, 1/2 THICK - 3/4 ø BOLT	2
TOTAL WEIGHT LBS				38

TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT				4534
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FIELD NOTES

1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS PROVIDED FOR (3) LEGS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:			SECTION ERECTION: 07 07-T8300072								
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ELEVATION VIEW

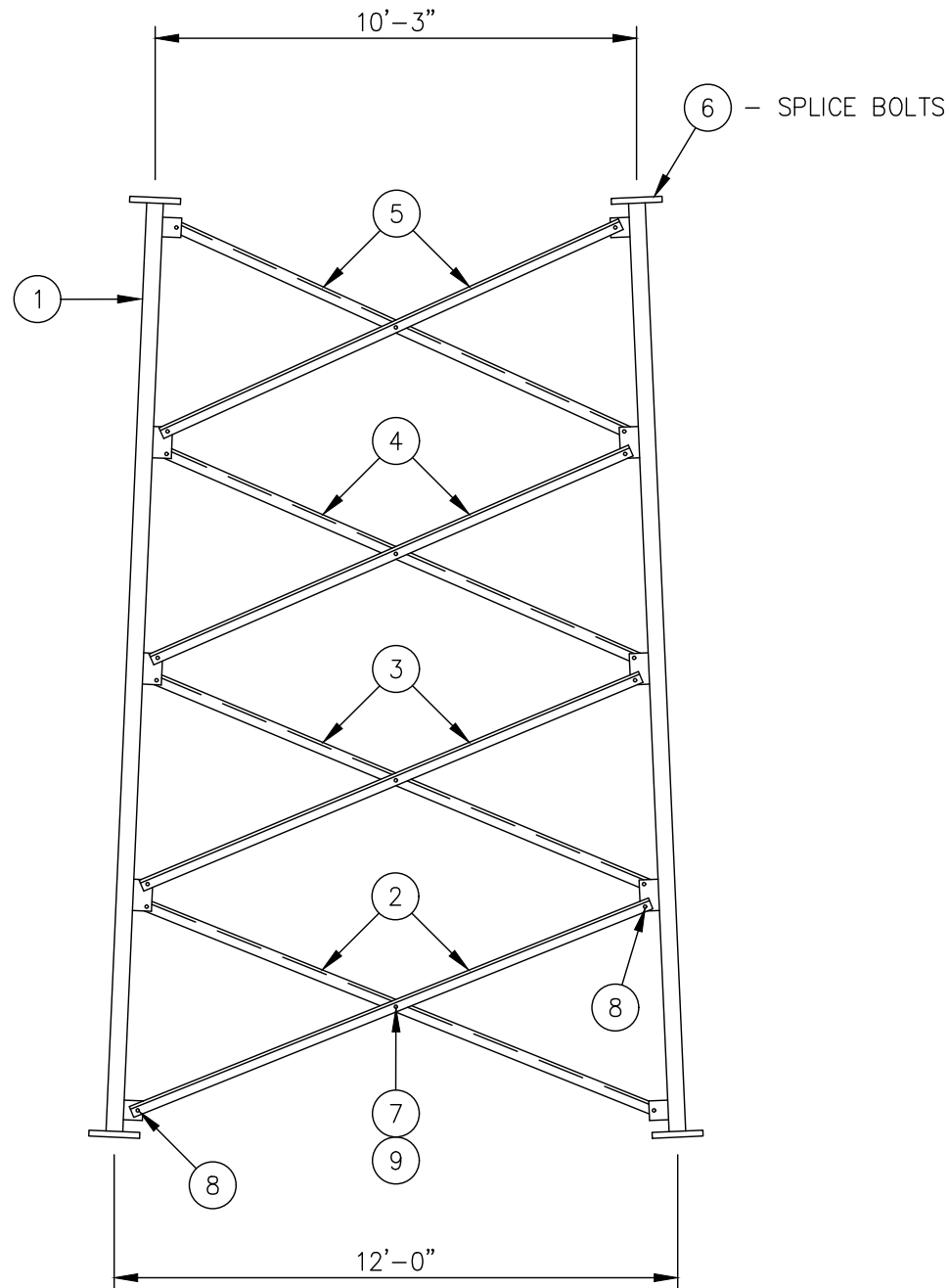
LIST OF MATERIAL

06- LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	06-T1181021	SECT. 6 LEG 3 1/2 ø X 20'-0 5/16 W/STEP BOLTS	2401
TOTAL WEIGHT LBS				2401
06-T8300064 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	6	TS02563	ANGLE, DIAGONAL 3 X 3 X 3/16 X 14'-0 7/8	326
3	6	TS02564	ANGLE, DIAGONAL 3 X 3 X 3/16 X 13'-6 15/16	314
4	6	TS02565	ANGLE, DIAGONAL 3 X 3 X 3/16 X 13'-1 1/16	303
TOTAL WEIGHT LBS				943
SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
5	19	C40026079	BOLT ASSEMBLY, 1 ø X 4 1/2 A325	43
TOTAL WEIGHT LBS				43
TK00260 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
6	10	C40026044	BOLT ASSEMBLY, 3/4 ø X 2 1/4 A325	7
7	38	C40026043	BOLT ASSEMBLY, 3/4 ø X 2 A325	27
8	10	C40047009	RINGFILL, 1/2 THICK - 3/4 ø BOLT	2
TOTAL WEIGHT LBS				36
TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT				3423

FIELD NOTES

1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS PROVIDED FOR (3) LEGS.

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ELEVATION VIEW

LIST OF MATERIAL

05- LEGS

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	05-T1186821	SECT. 5 LEG 3 ø X 20'-0 5/16 W/STEP BOLTS	1780
TOTAL WEIGHT LBS				1780

05-T8300059 BRACING KIT

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	6	TS02545	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 11'-10 15/16	229
3	6	TS02546	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 11'-6 1/4	221
4	6	TS02547	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 11'-1 5/8	214
5	6	TS02548	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 10'-9	206
TOTAL WEIGHT LBS				870

SPLICE BOLTS

ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
6	19	C40026078	BOLT ASSEMBLY, 1 ø X 4 1/4 A325	41
TOTAL WEIGHT LBS				41

TK00194 HARDWARE KIT

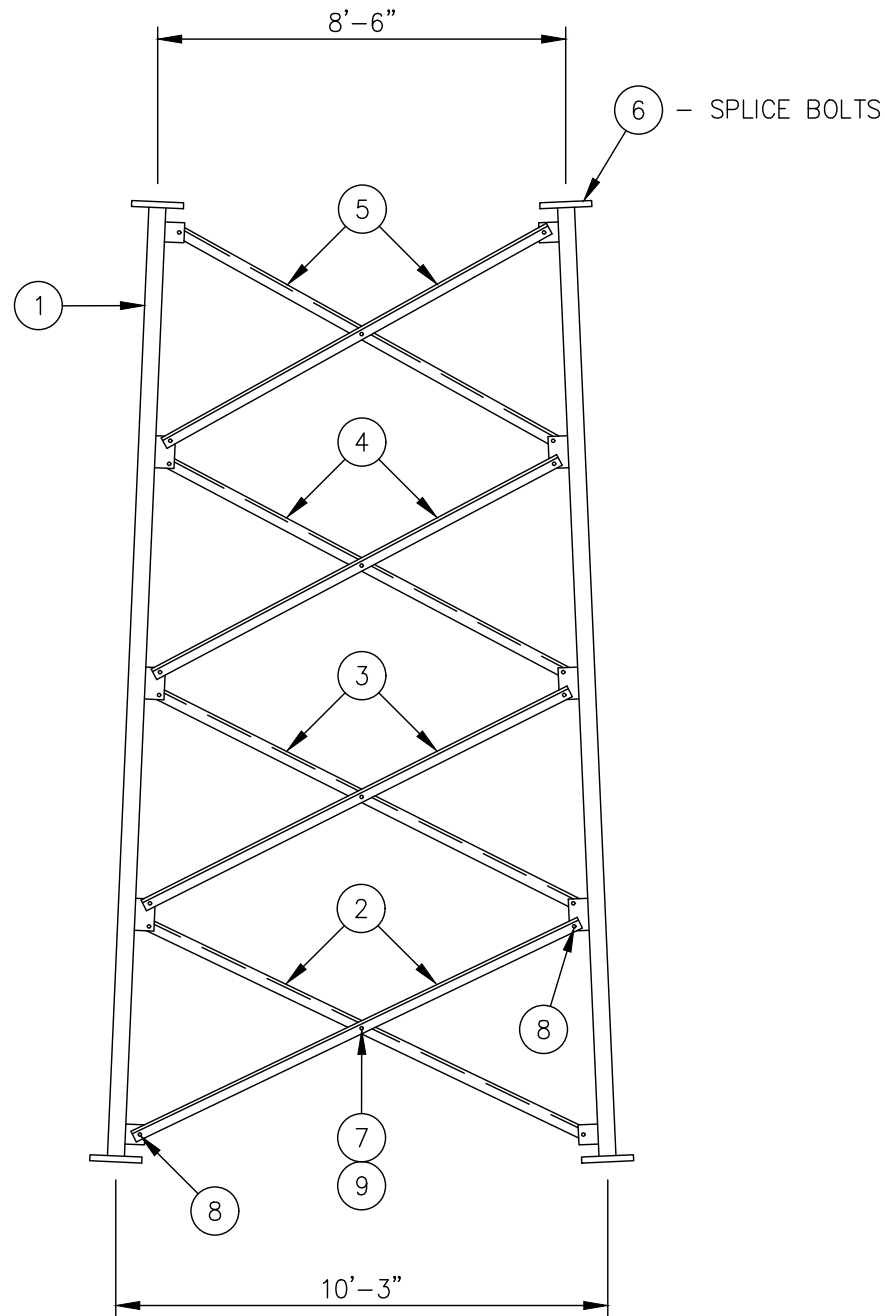
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
7	13	C40026023	BOLT ASSEMBLY, 5/8 ø X 2 A325	6
8	50	C40026022	BOLT ASSEMBLY, 5/8 ø X 1 3/4 A325	22
9	13	C40047003	RINGFILL, 3/8 THICK - 5/8 ø BOLT	2
TOTAL WEIGHT LBS				30

TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT 2721

FIELD NOTES

1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS NOT PROVIDED FOR LEGS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										SECTION ERECTION: 05 05-T8300059												
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ELEVATION VIEW

LIST OF MATERIAL

04- LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	04-T1180919	SECT. 4 LEG 2 3/4 ø X 20'-0 5/16 W/STEP BOLTS	1538
TOTAL WEIGHT LBS				1538

04-T8300053 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	6	TS02521	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 10'-3 11/16	197
3	6	TS02522	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 9'-11 3/16	190
4	6	TS02523	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 9'-6 11/16	183
5	6	TS02524	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 9'-2 1/4	176
TOTAL WEIGHT LBS				746

SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
6	19	C40026077	BOLT ASSEMBLY, 1 ø X 4 A325	39
TOTAL WEIGHT LBS				39

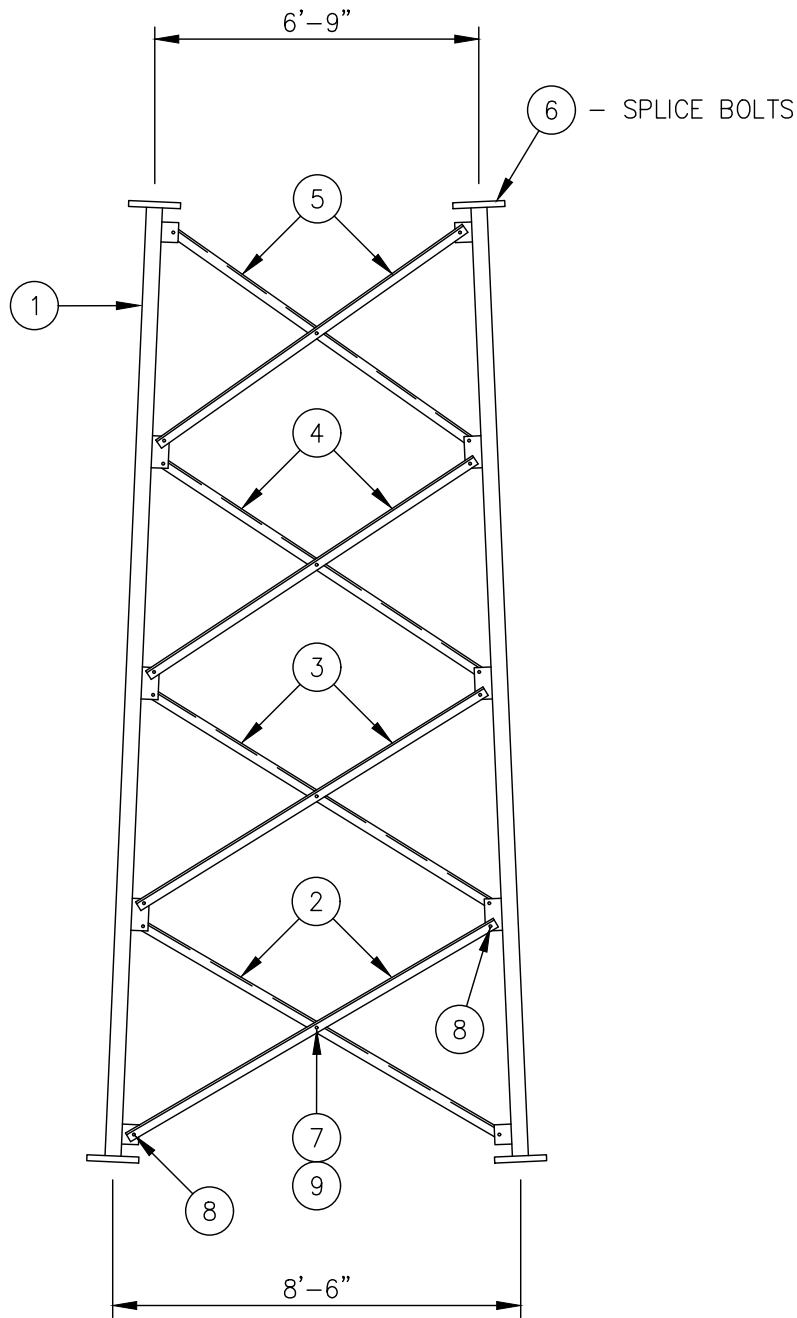
TK00194 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
7	13	C40026023	BOLT ASSEMBLY, 5/8 ø X 2 A325	6
8	50	C40026022	BOLT ASSEMBLY, 5/8 ø X 1 3/4 A325	22
9	13	C40047003	RINGFILL, 3/8 THICK - 5/8 ø BOLT	2
TOTAL WEIGHT LBS				30

TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT	2353
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FIELD NOTES

1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS NOT PROVIDED FOR LEGS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:			SECTION ERECTION: 04 04-T8300053							
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ELEVATION VIEW

LIST OF MATERIAL

03- LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	03-T1180815	SECT. 3 LEG 2 1/4 ø X 20'-0 5/16 W/STEP BOLTS	1064
TOTAL WEIGHT LBS				1064

03-T8300045 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	6	TS02489	ANGLE, DIAGONAL 2 X 2 X 1/8 X 8'-10 1/2	91
3	6	TS02490	ANGLE, DIAGONAL 2 X 2 X 1/8 X 8'-6 1/8	88
4	6	TS02491	ANGLE, DIAGONAL 2 X 2 X 1/8 X 8'-1 7/8	84
5	6	TS02492	ANGLE, DIAGONAL 2 X 2 X 1/8 X 7'-9 11/16	80
TOTAL WEIGHT LBS				343

SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
6	13	C40026048	BOLT ASSEMBLY, 3/4 ø X 3 1/4 A325	11
TOTAL WEIGHT LBS				11

TK00194 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
7	13	C40026023	BOLT ASSEMBLY, 5/8 ø X 2 A325	6
8	50	C40026022	BOLT ASSEMBLY, 5/8 ø X 1 3/4 A325	22
9	13	C40047003	RINGFILL, 3/8 THICK - 5/8 ø BOLT	2
TOTAL WEIGHT LBS				30

TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT	1448
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FIELD NOTES

- 1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
- 2. STEP BOLTS NOT PROVIDED FOR LEGS.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS ± 1/16"
ANGLES ± 1/2 DEG.
DECIMALS ± .010"

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL



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SECTION ERECTION: 03 03-T8300045

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CUSTOMER: BURNS & MCDONNELL

JOB NO. 512004

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DRAWN BY KMP

CHECKED BY ZAK

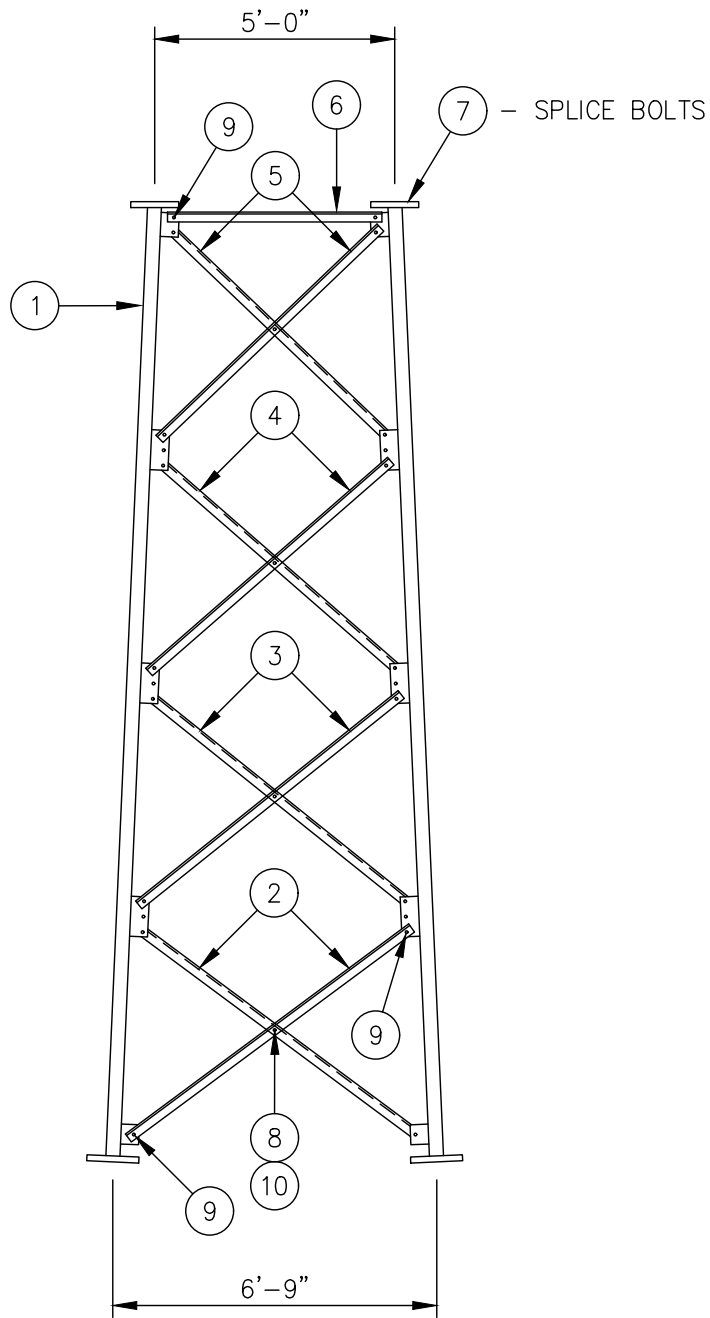
SIZE B

SCALE NONE

DRAWING NO. 512004-S03

PAGE 1 OF 1

REV 0



ELEVATION VIEW

LIST OF MATERIAL

02-LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	02-T1180707	SECT. 2 LEG 2 ø X 20'-0 5/16 W/STEP BOLTS	875
TOTAL WEIGHT LBS				875

02-T8300037 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	6	TS02457	ANGLE, DIAGONAL 2 X 2 X 1/8 X 7'-4 1/8	76
3	6	TS02458	ANGLE, DIAGONAL 2 X 2 X 1/8 X 7'-0 1/8	73
4	6	TS02459	ANGLE, DIAGONAL 2 X 2 X 1/8 X 6'-8 3/16	68
5	6	TS02460	ANGLE, DIAGONAL 2 X 2 X 1/8 X 6'-4 7/16	65
6	3	TS02449	ANGLE, HORIZONTAL 2 X 2 X 1/8 X 4'-5 5/8	23
TOTAL WEIGHT LBS				305

SPLICE BOLTS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
7	13	C40026047	BOLT ASSEMBLY, 3/4 ø X 3 A325	11
TOTAL WEIGHT LBS				11

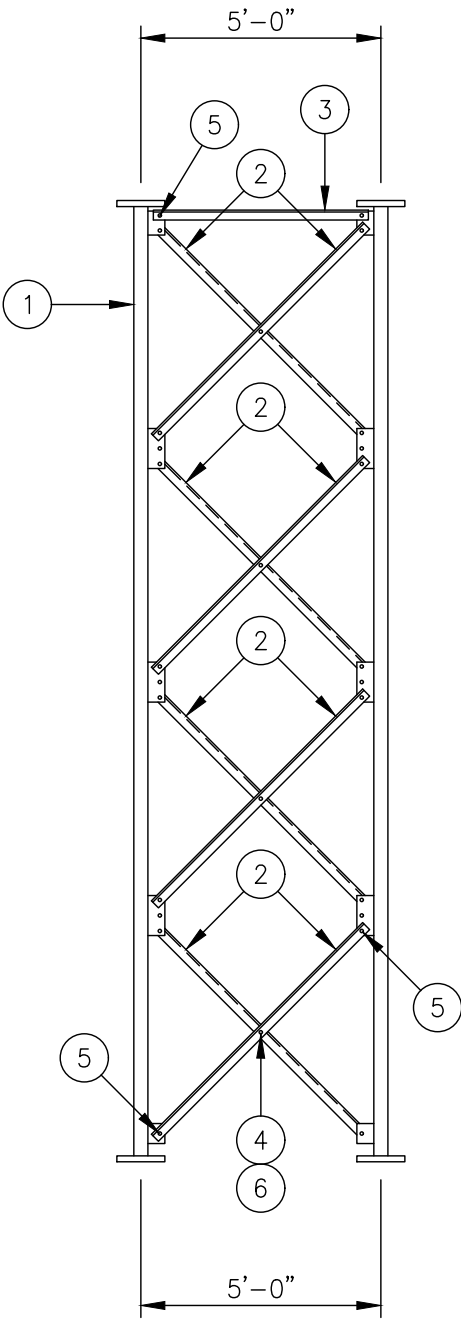
TK00134 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
8	13	C40026023	BOLT ASSEMBLY, 5/8 ø X 2 A325	6
9	57	C40026022	BOLT ASSEMBLY, 5/8 ø X 1 3/4 A325	25
10	13	C40047003	RINGFILL, 3/8 THICK - 5/8 ø BOLT	2
TOTAL WEIGHT LBS				33

TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT	1224
--	------

FIELD NOTES

1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS NOT PROVIDED FOR LEGS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										SECTION ERECTION: 02 02-T8300037				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										SITE: FORT WHITE, FL				
					CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.					CUSTOMER: BURNS & MCDONNELL									
										JOB NO. 512004		SIZE B	DRAWING NO. 512004-S02		REV 0				
										DATE	09/23/22								
										DRAWN BY KMP				SCALE	PAGE				
										CHECKED BY ZAK				NONE	1 OF 1				
REV	DATE	DRW	CHK	DESCRIPTION															



ELEVATION VIEW

LIST OF MATERIAL

01-20-LEGS				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	3	01-T1186559	SECT. 1 LEG 1 3/4 ø X 20'-0 5/16 W/STEP BOLTS	726
TOTAL WEIGHT LBS				726

01-T8300029 BRACING KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
2	24	TS02441	ANGLE, DIAGONAL 2 X 2 X 1/8 X 6'-2 3/4	257
3	3	TS02409	ANGLE, HORIZONTAL 2 X 2 X 1/8 X 4'-5 3/4	23
TOTAL WEIGHT LBS				280

TK00134 HARDWARE KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
4	13	C40026023	BOLT ASSEMBLY, 5/8 ø X 2 A325	6
5	57	C40026022	BOLT ASSEMBLY, 5/8 ø X 1 3/4 A325	25
6	13	C40047003	RINGFILL, 3/8 THICK - 5/8 ø BOLT	2
TOTAL WEIGHT LBS				33

TOTAL SECTION WEIGHT - INCLUDES 3 LEGS, BRACING AND HARDWARE KIT	1039
--	------

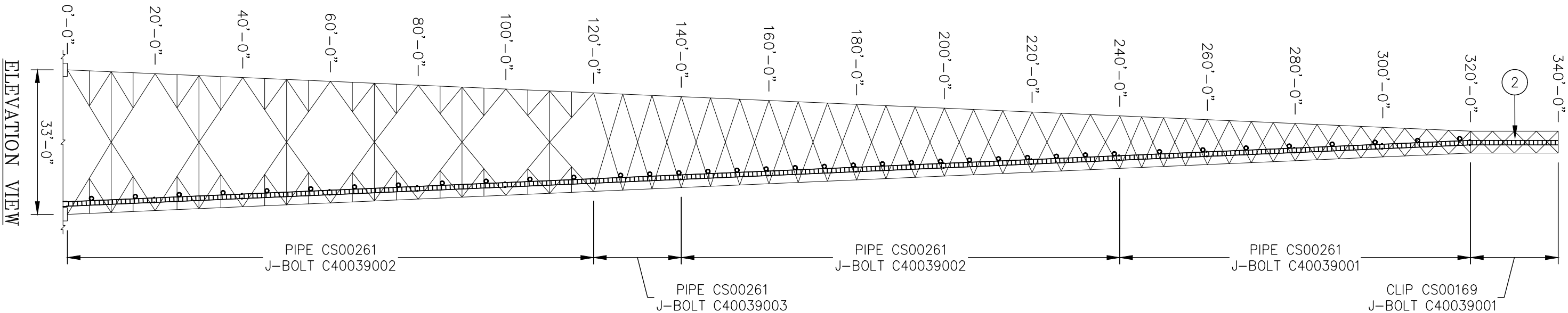
FIELD NOTES

1. THE PART NUMBERS FOR ALL LEGS ARE LOCATED AT THE TOP OF EACH PART.
2. STEP BOLTS PROVIDED FOR (3) LEGS.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										SECTION ERECTION: 01-20 01-T8300029													
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										SITE: FORT WHITE, FL													
										CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.					CUSTOMER: BURNS & MCDONNELL													
															JOB NO. 512004					SIZE B		DRAWING NO. 512004-S01					REV 0	
															DATE 09/26/22													
															DRAWN BY KMP					SCALE None					PAGE 1 OF 1			
															CHECKED BY ZAK													

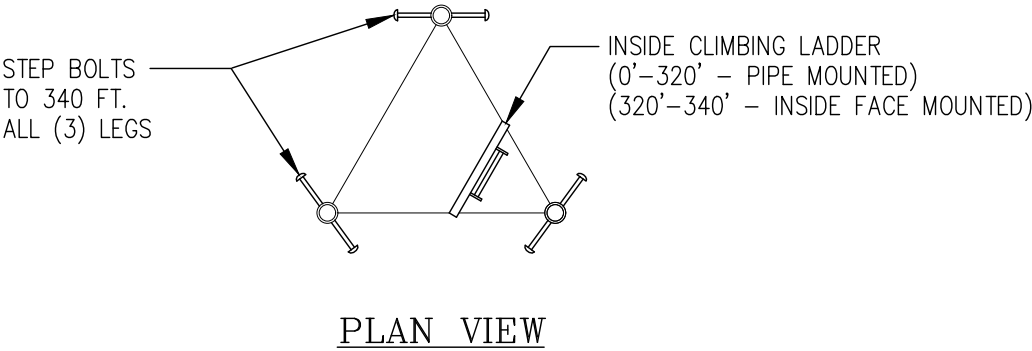
CLIMBING LADDER				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	16	CW00031	WELDMNT, 20 FT. CLIMBING LADDER (12" WIDE) 5/8" RUNG	1195
2	1	CW01494	WELDMNT, 20 FT. CLIMBING LADDER (12" WIDE) 3/4" RUNG	84
3	32	CS00037	PLATE, LADDER SPLICE	13
4	38	CS00261	PIPE, LADDER MOUNT	828
5	76	CS00241	LADDER CLIP	50
6	8	CS00169	CLIP, LADDER ATTACHMENT	4
7	2	CS00242	ANGLE, LADDER BASE SUPPORT	15
TOTAL WEIGHT LBS				2189

LADDER HARDWARE				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
8	6	C40039003	J-BOLT ASSEMBLY, 3/8 ø X 9 I.L.	3
9	54	C40039002	J-BOLT ASSEMBLY, 3/8 ø X 7 1/4 I.L.	19
10	176	C40039001	J-BOLT ASSEMBLY, 3/8 ø X 5 3/4 I.L.	53
11	66	C40024004	BOLT ASSEMBLY, 3/8" ø X 1 1/2 GRD 5	7
12	816	C40044017	STEP BOLT ASSEMBLY, 5/8" ø X 7 H.D.G.	816
TOTAL WEIGHT LBS				898

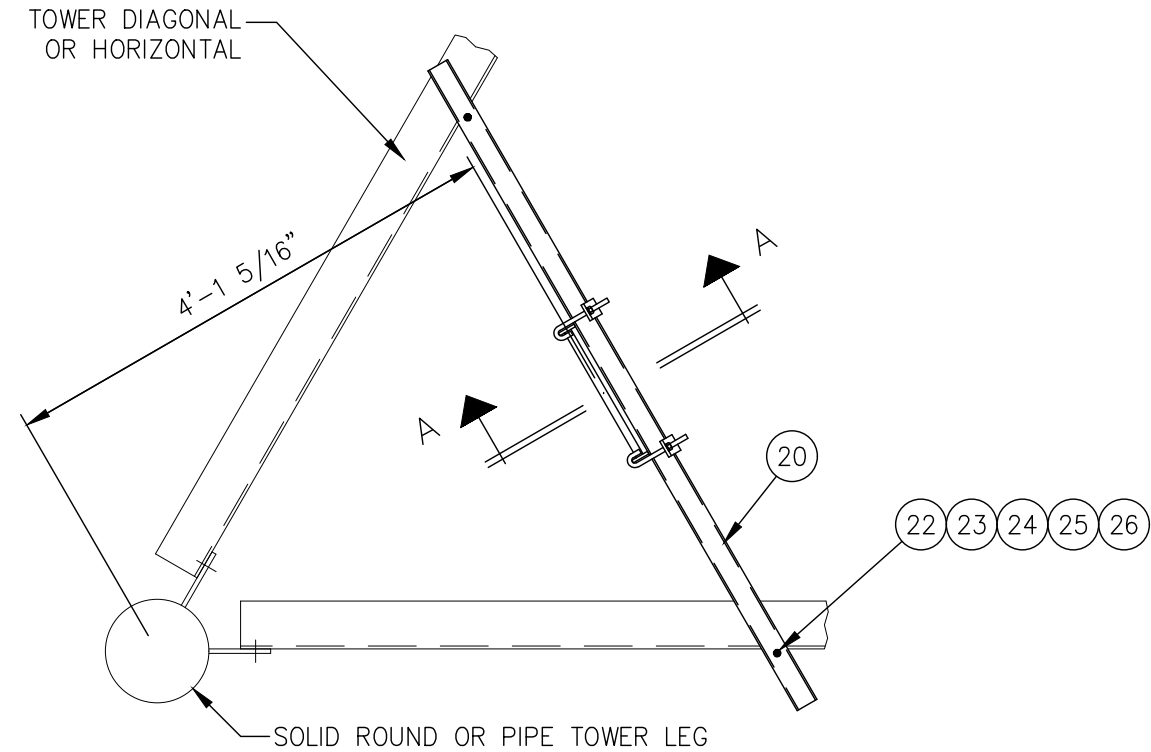


FIELD NOTES

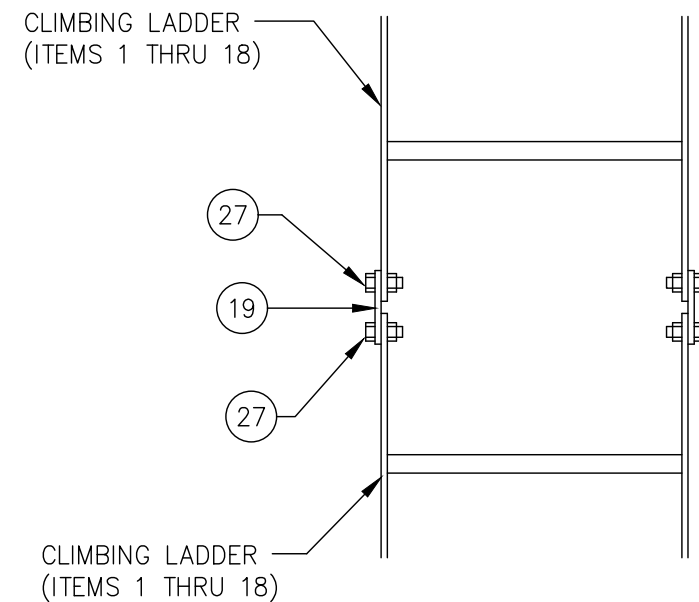
- FROM ELEVATION 0'-0" TO 120'-0" ATTACH LADDER TO EACH SUB-HORIZONTAL.
FROM ELEVATION 120'-0" TO 240'-0" ATTACH LADDER TO EACH DIAGONAL.
FROM ELEVATION 240'-0" TO 320'-0" ATTACH LADDER TO EVERY OTHER DIAGONAL.
FROM ELEVATION 320'-0" TO 340'-0" ATTACH LADDER TO EACH DIAGONAL.
- SEE REFERENCE DWG. 9026217 FOR INSIDE CLIMBING LADDER INSTALLATION FROM ELEVATION 0'-0" TO 320'-0".
- SEE REFERENCE DWG. 9031883 FOR CLIMBING LADDER INSTALLATION FROM ELEVATION 320'-0" TO 340'-0".
- SEE REFERENCE DWG. 9031527 FOR CLIMBING LADDER BASE INSTALLATION.
- SEE REFERENCE DWG. 9031764 FOR CONSTRUCTION STEP BOLT INSTALLATION UP ALL (3) LEGS FROM ELEVATION 0'-0" TO 340'-0".
- SEE CUSTOMER REQUESTS FOR PROPER FACE POSITIONING OF ALL LADDERS.



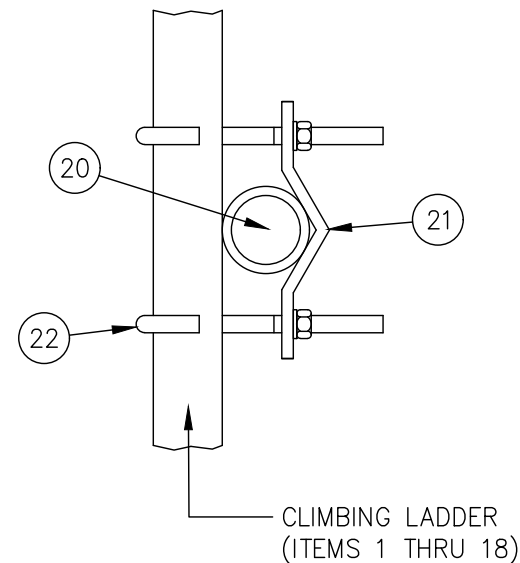
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:					Sabre Industries™ INNOVATION DELIVERED					<u>CLIMBING LADDER:</u> 340 FT. MODEL S3R-SD																																		
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										<u>SITE:</u> FORT WHITE, FL																																		
															CONFIDENTIAL															<u>CUSTOMER:</u> BURNS & MCDONNELL																			
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																														DATE			12/08/22																
																														DRAWN BY					KMP					SCALE NONE					PAGE 1 OF 1				
																														CHECKED BY					ZAK														



PARTIAL SECTION CUT TYPICAL



SPLICE DETAIL

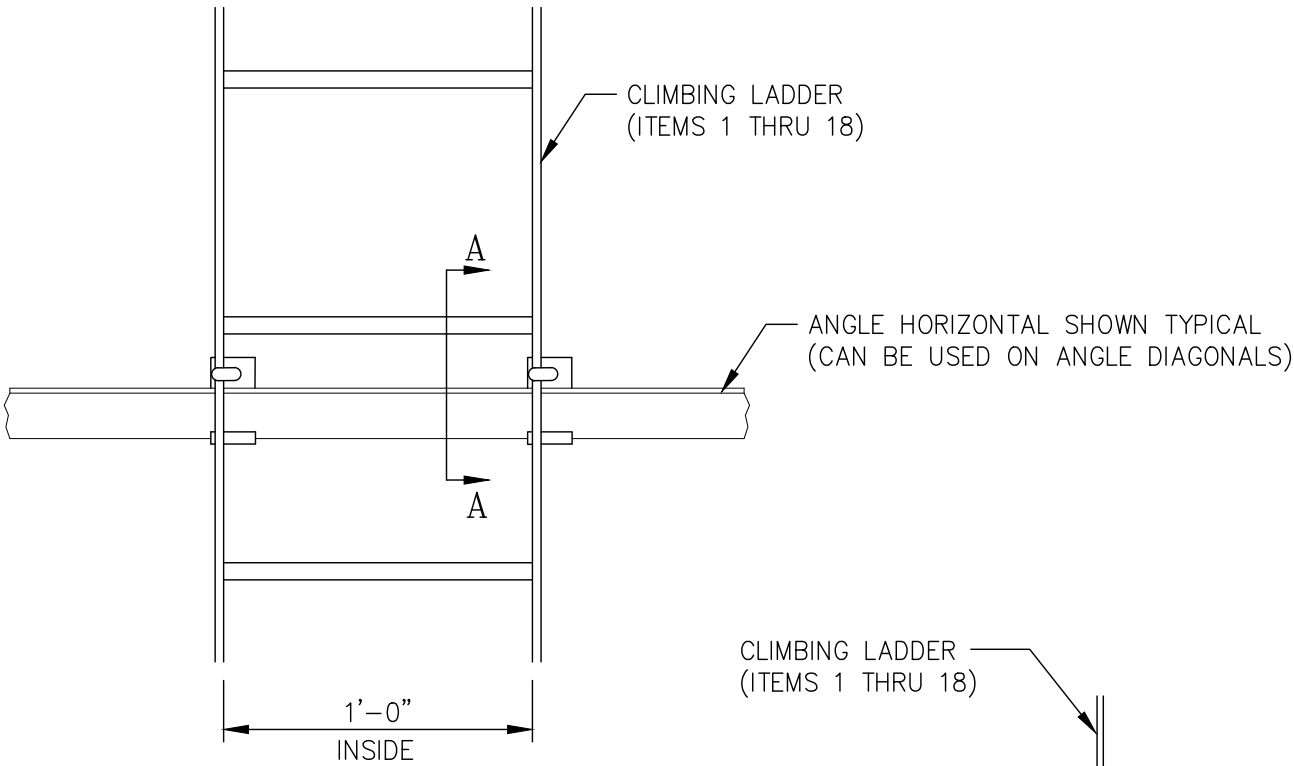


SECTION A-A

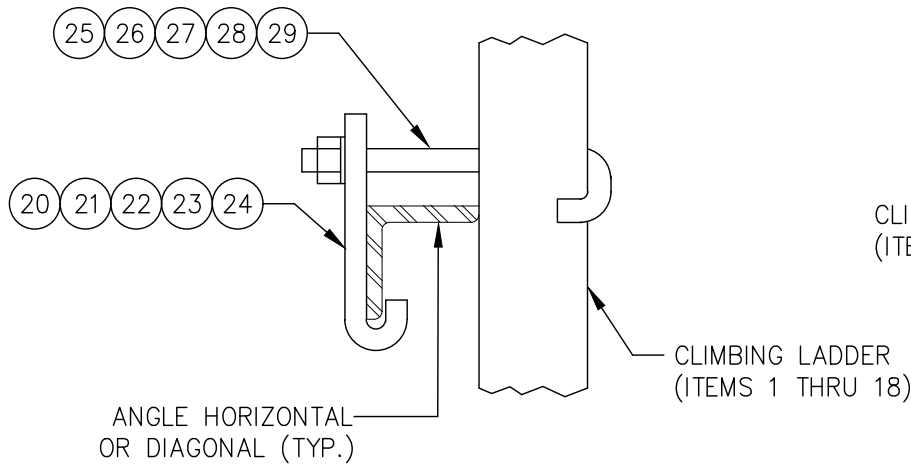
LIST OF MATERIAL				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1A	A/R	CW00031	WELDMENT, 20 FT. CLIMBING LADDER (12" WIDE - 5/8"Ø RUNGS)	
1B	A/R	CW01494	WELDMENT, 20 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
2	A/R	CW01495	WELDMENT, 19 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
3	A/R	CW01496	WELDMENT, 18 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
4	A/R	CW01497	WELDMENT, 17 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
5	A/R	CW01498	WELDMENT, 16 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
6	A/R	CW01499	WELDMENT, 15 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
7	A/R	CW01500	WELDMENT, 14 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
8	A/R	CW01501	WELDMENT, 13 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
9	A/R	CW01502	WELDMENT, 12 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
10	A/R	CW01503	WELDMENT, 11 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
11	A/R	CW01504	WELDMENT, 10 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
12	A/R	CW01505	WELDMENT, 9 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
13	A/R	CW01506	WELDMENT, 8 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
14	A/R	CW01507	WELDMENT, 7 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
15	A/R	CW01508	WELDMENT, 6 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
16	A/R	CW01509	WELDMENT, 5 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
17	A/R	CW01510	WELDMENT, 4 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
18	A/R	CW01511	WELDMENT, 3 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
19	A/R	CS00037	PLATE, LADDER SPLICE	
20	A/R	CS00261	PIPE, LADDER MOUNT	
21	A/R	CS00241	CLIP, LADDER ATTACHMENT	
22	A/R	C40039001	J-BOLT ASSY., 3/8 (1 1/2" - 2 1/2" ANGLES)	
23	A/R	C40039002	J-BOLT ASSY., 3/8 (3" - 4" ANGLES)	
24	A/R	C40039003	J-BOLT ASSY., 3/8 (5" - 6" ANGLES)	
25	A/R	C40039009	J-BOLT ASSY., 3/8 (3" - 6" ANGLES, 1/2" & 3/4" THK)	
26	A/R	C40039012	J-BOLT ASSY., 3/8 (8" ANGLES, 1/2" & 3/4" THK)	
27	A/R	C40024004	BOLT ASSEMBLY, 3/8 X 1 1/2 GR5	

"SEE JOB SPECIFIC BILL OF MATERIAL FOR QTY'S."

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:			INSIDE CLIMBING LADDER INSTALLATION (12" WIDE LADDER)					
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL								
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5	3/30/22	MJM	CHH	ADDED LADDERS WITH 3/4"Ø RUNGS (1B TO 18), REMOVED 5 FT. & 10 FT. LADDERS WITH 5/8"Ø RUNGS (CW00028 & CW00029).								
4	12/03/05	KMM	ZAK	ADDED J-BOLT FOR 6" & 8" ANGLES								
3	3/8/04	CHH	ZAK	REDRAWN ON "B" SIZE								
2	5/8/03	CHH	HHC	ADDED LEADING ZERO IN PART NO'S.								
1	11/25/02	RWM	MWR	CHG'D. HARDWARE & REMAINING MAT'L TO CATALOG								
REV	DATE	DRW	CHK	DESCRIPTION		DATE		3/8/02	SIZE B	DRAWING NO. 9026217		REV 5
						DRAWN BY		DKY				
						CHECKED BY		CE			SCALE None	PAGE 1 OF 1

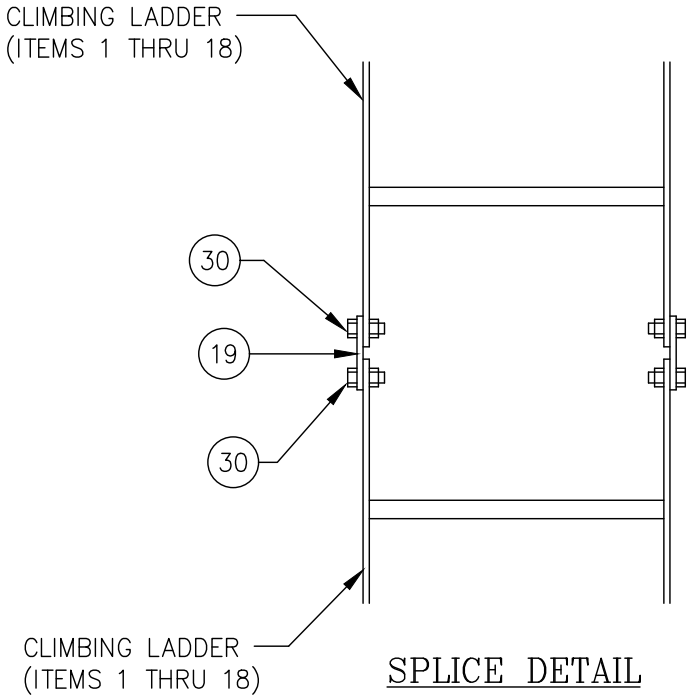


ELEVATION
(TYPICAL MOUNTING DETAIL)



SECTION A-A

NOTE:
MAXIMUM SPACING OF LADDER CLIPS
UP THE TOWER TO BE ±10'-0".



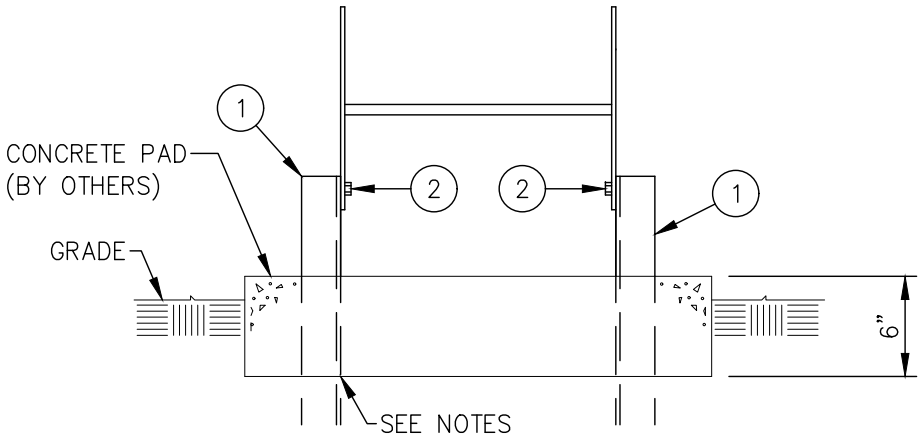
LIST OF MATERIAL				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1A	A/R	CW00031	WELDMENT, 20 FT. CLIMBING LADDER (12" WIDE - 5/8"Ø RUNGS)	
1B	A/R	CW01494	WELDMENT, 20 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
2	A/R	CW01495	WELDMENT, 19 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
3	A/R	CW01496	WELDMENT, 18 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
4	A/R	CW01497	WELDMENT, 17 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
5	A/R	CW01498	WELDMENT, 16 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
6	A/R	CW01499	WELDMENT, 15 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
7	A/R	CW01500	WELDMENT, 14 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
8	A/R	CW01501	WELDMENT, 13 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
9	A/R	CW01502	WELDMENT, 12 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
10	A/R	CW01503	WELDMENT, 11 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
11	A/R	CW01504	WELDMENT, 10 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
12	A/R	CW01505	WELDMENT, 9 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
13	A/R	CW01506	WELDMENT, 8 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
14	A/R	CW01507	WELDMENT, 7 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
15	A/R	CW01508	WELDMENT, 6 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
16	A/R	CW01509	WELDMENT, 5 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
17	A/R	CW01510	WELDMENT, 4 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
18	A/R	CW01511	WELDMENT, 3 FT. CLIMBING LADDER (12" WIDE - 3/4"Ø RUNGS)	
19	A/R	CS00037	PLATE, LADDER SPLICE	
20	A/R	CS00169	CLIP, LADDER ATTACHMENT (1 1/2" - 4" ANGLES)	
21	A/R	CS00170	CLIP, LADDER ATTACHMENT (5" - 6" ANGLES: 3/8" THK. & UNDER)	
22	A/R	CS00171	CLIP, LADDER ATTACHMENT (1 1/2" - 6" ANGLES)	
23	A/R	CS00808	CLIP, LADDER ATTACHMENT (4" - 6" ANGLES: 1/2" & 3/4" THK.)	
24	A/R	CS01212	CLIP, LADDER ATTACHMENT (8" ANGLES)	
25	A/R	C40039001	J-BOLT ASSY., 3/8 (1 1/2" - 2 1/2" ANGLES)	
26	A/R	C40039002	J-BOLT ASSY., 3/8 (3" - 4" ANGLES)	
27	A/R	C40039003	J-BOLT ASSY., 3/8 (5" - 6" ANGLES)	
28	A/R	C40039009	J-BOLT ASSY., 3/8 (3" - 6" ANGLES, 1/2" & 3/4" THK)	
29	A/R	C40039012	J-BOLT ASSY., 3/8 (8" ANGLES, 1/2" & 3/4" THK)	
30	A/R	C40024004	BOLT ASSEMBLY, 3/8 X 1 1/2 GR5	

"SEE JOB SPECIFIC BILL OF MATERIAL FOR QTY'S."

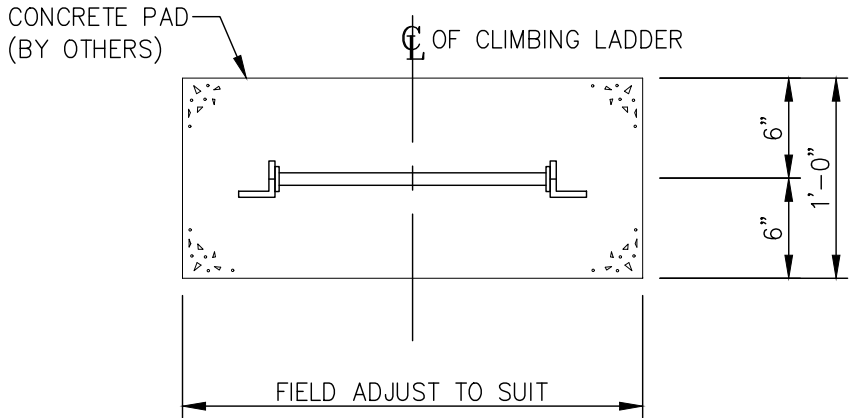
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:			TYPICAL CLIMBING LADDER INSTALLATION (STANDARD 12" WIDE LADDER)				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL							
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1	3/30/22	MJM	CHH	ADDED 20 FT. LADDER WITH 5/8"Ø RUNGS (CW00031), & REV'D. THE DWG. DESCRIPTION IN THE TITLE BLOCK.								
REV	DATE	DRW	CHK	DESCRIPTION								

LIST OF MATERIAL				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT
1	A/R	CS00242	ANGLE, LADDER BASE SUPPORT	
2	A/R	C40024004	BOLT ASSEMBLY, 3/8 X 1 1/2 GR5	
TOTAL WEIGHT				

- NOTE:**
1. SUPPORT ANGLES MAY BE CUT IN FIELD TO PREVENT PROTRUDING THROUGH THE BOTTOM OF THE CONCRETE BLOCK.
2. THE BEARING MATERIAL BENEATH THE CONCRETE SHALL CONSIST OF NON-EXPANSIVE AND NON-FROST SUSCEPTIBLE (NFS) MATERIAL.



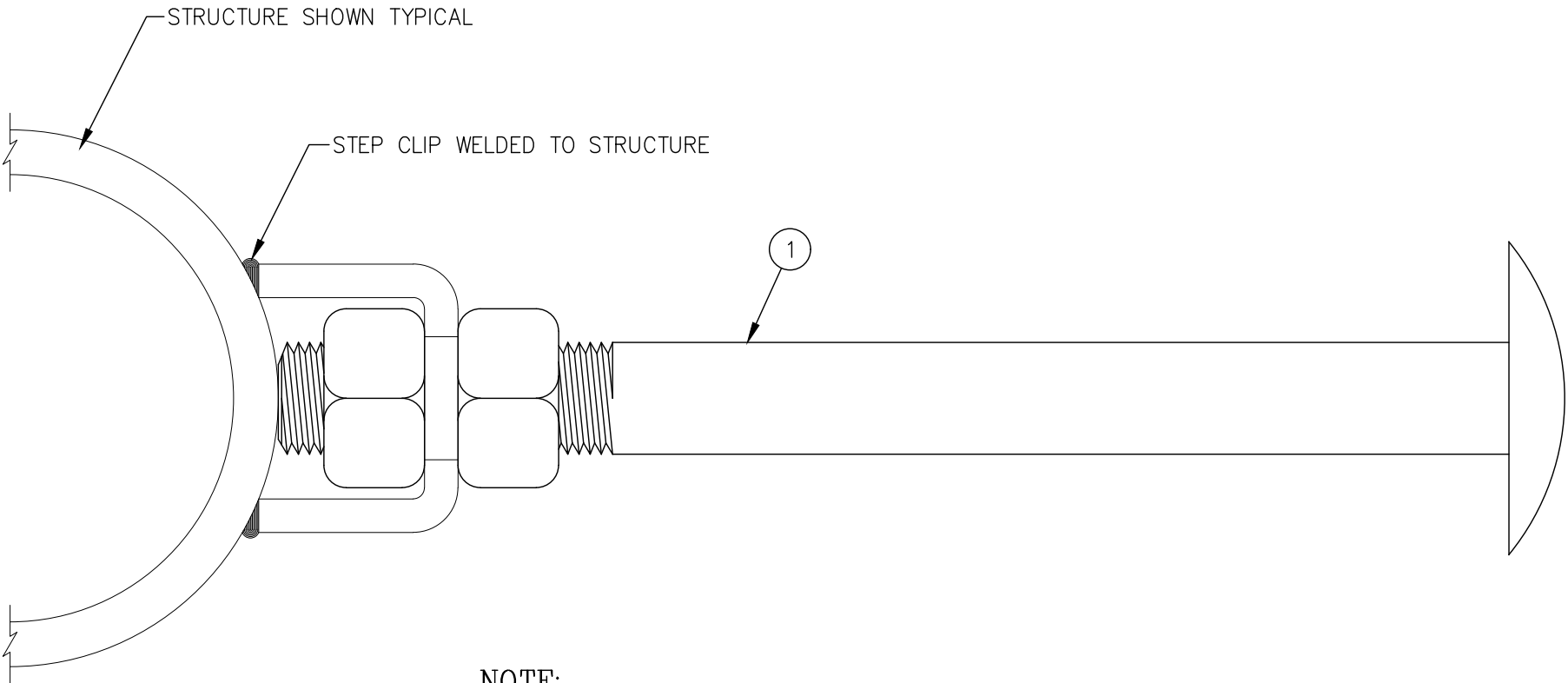
ELEVATION VIEW
(LADDER BASE ELEVATION)



PLAN VIEW
(LADDER BASE PLAN)

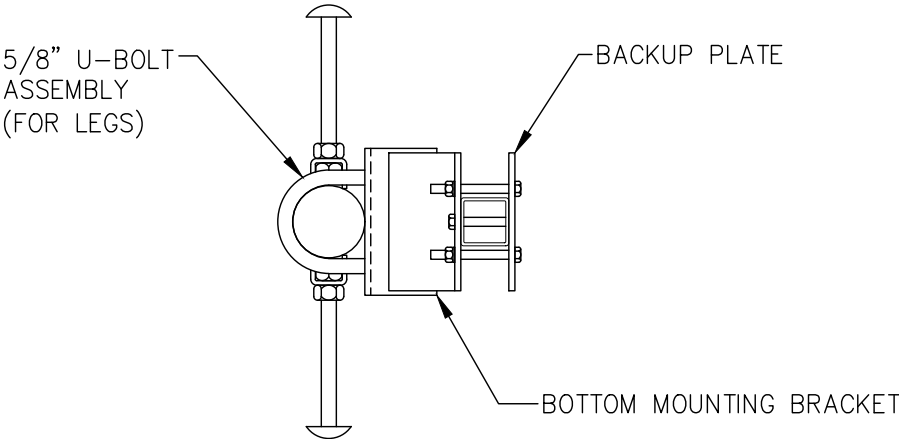
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										LADDER BASE INSTALLATION FOR SELF-SUPPORTING TOWERS									
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL																			
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															DATE	03/02/16								
															DRAWN BY		LRS		SCALE None				PAGE 1 OF 1	
															CHECKED BY		KLE							
REV	DATE	DRW	CHK	DESCRIPTION																				

LIST OF MATERIAL				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT
1	A/R	C40044017	STEP BOLT ASSEMBLY, 5/8 X 7	1.0#

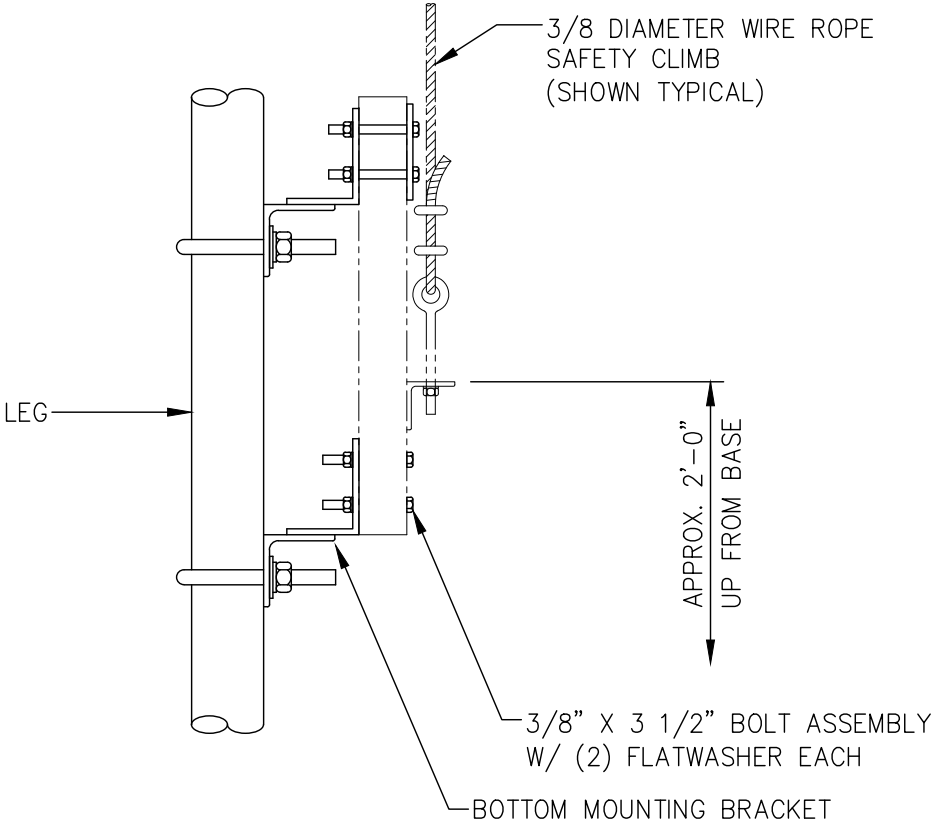


NOTE:
STEP BOLTS PROVIDED FOR CONSTRUCTION PURPOSES
ARE FOR EXPERIENCED TOWER ERECTORS ONLY AND
SHOULD NEVER BE USED WITHOUT PROPER SAFETY
EQUIPMENT. FOR STEP BOLTS SUPPLIED AS A FORM
OF CLIMBING IN TYPICAL COMMUNICATION ACTIVITY,
SABRE INDUSTRIES RECOMMENDS A FALL PROTECTION
PLAN BE COMPLETED BY A COMPETENT PERSON AND
FOLLOWED FOR EACH CLIMB.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:							STEP BOLT ATTACHMENT INSTALLATION					
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL												
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												DATE	7/27/18				
												DRAWN BY DPJ				SCALE None	PAGE 1 OF 1
												CHECKED BY ZAK					
REV	DATE	DRW	CHK	DESCRIPTION													



PLAN



ELEVATION

- EACH KIT CONSISTS OF:
- (2) BOTTOM MOUNTING BRACKET
 - (1) BACKUP PLATE
 - (2) 5/8" U-BOLT ASSEMBLY FOR MOUNTING TO LEG
 - (6) 3/8"Ø X 3 1/2" BOLT ASSEMBLY
 - (12) 3/8"Ø FLATWASHER

BOTTOM MOUNTING BRACKET KITS

KIT NUMBER	LEG DIAMETER	5/8" U-BOLT ASSEMBLY	3/8" BOLT ASSEMBLY	3/8"Ø FLATWASHER	BOTTOM MOUNTING BRACKET	BACKUP PLATE	KIT WEIGHT
C30011054	1 1/4"	C40034041	C40024012	C40031001	CW00346	CS00167	16.2#
C30011055	1 1/2"	C40034020	C40024012	C40031001	CW00346	CS00167	16.4#
C30011056	1 3/4"	C40034021	C40024012	C40031001	CW00346	CS00167	16.5#
C30011031	2"	C40034022	C40024012	C40031001	CW00049	CS00167	17.0#
C30011032	2 1/4" OR 2 3/8"	C40034023	C40024012	C40031001	CW00049	CS00167	17.1#
C30011033	2 1/2"	C40034024	C40024012	C40031001	CW00049	CS00167	17.2#
C30011034	2 3/4" OR 2 7/8"	C40034025	C40024012	C40031001	CW00049	CS00167	17.3#
C30011035	3"	C40034026	C40024012	C40031001	CW00049	CS00167	17.4#
C30011036	3 1/4"	C40034027	C40024012	C40031001	CW00050	CS00167	18.5#
C30011037	3 1/2"	C40034028	C40024012	C40031001	CW00050	CS00167	18.6#
C30011038	3 3/4"	C40034029	C40024012	C40031001	CW00050	CS00167	18.8#
C30011039	4"	C40034030	C40024012	C40031001	CW00050	CS00167	18.9#
C30011040	4 1/4"	C40034031	C40024012	C40031001	CW00050	CS00167	19.0#
C30011041	4 1/2"	C40034032	C40024012	C40031001	CW00051	CS00167	20.3#
C30011042	4 3/4"	C40034033	C40024012	C40031001	CW00051	CS00167	20.4#
C30011043	5"	C40034034	C40024012	C40031001	CW00051	CS00167	20.5#
C30011044	5 1/4" – 5 9/16"	C40034035	C40024012	C40031001	CW00052	CS00167	21.9#
C30011057	5 3/4"	C40034044	C40024012	C40031001	CW00052	CS00167	22.0#
C30011058	6"	C40034064	C40024012	C40031001	CW00052	CS00167	22.0#
C30011053	6 1/4"	C40034068	C40024012	C40031001	CW00052	CS00167	22.1#
C30011045	6 5/8"	C40034036	C40024012	C40031001	CW00052	CS00167	22.3#
C30011059	6 3/4"	C40034093	C40024012	C40031001	CW00204	CS00167	23.2#
C30011050	7 OR 7 1/4"	C40034065	C40024012	C40031001	CW00204	CS00167	25.0#
C30011060	7 1/2"	C40034127	C40024012	C40031001	CW00204	CS00167	23.7#
C30011104	7 3/4"	C40034099	C40024012	C40031001	CW00204	CS00167	23.8#
C30011046	8 5/8"	C40034037	C40024012	C40031001	CW00053	CS00167	33.0#
C30011062	8 3/4"	C40034152	C40024012	C40031001	CW01346	CS00167	30.9#
C30011063	9"	C40034200	C40024012	C40031001	CW01362	CS00167	31.5#
C30011061	9 1/2" OR 9 5/8"	C40034130	C40024012	C40031001	CW01242	CS00167	29.3#
C30011047	10 3/4"	C40034038	C40024012	C40031001	CW00054	CS00167	35.4#
C30011048	12 3/4"	C40034039	C40024012	C40031001	CW00053	CS00167	34.9#
C30011049	14"	C40034040	C40024012	C40031001	CW00054	CS00167	36.9#
C30011051	16"	C40034042	C40024012	C40031001	CW00208	CS00167	42.6#
C30011052	18"	C40034043	C40024012	C40031001	CW00208	CS00167	43.5#

14	10/13/17	RWM/MWR	REVISED 3/8 DIAMETER WIRE ROPE VERBIAGE
13	8/14/17	DPJ/ZAK	ADDED KIT FOR 9" O.D. LEG.
12	4/24/17	DPJ/ZAK	ADDED KIT FOR 8 3/4" O.D. LEG.
11	9/30/14	DPJ/ZAK	ADDED KIT FOR 9 1/2" & 9 5/8" O.D. LEGS.
10	5/22/14	KLE/EK	ADDED KIT FOR 7 1/2" O.D. LEG.
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES			
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"			
MATERIAL:			
TOLERANCES DO NOT APPLY TO RAW MATERIAL			
9	10/10/11	DPJ/CE	ADDED KIT FOR 7 3/4" O.D. LEG.
8	7/26/11	DPJ/CHH	ADDED KIT FOR 6 3/4" O.D. LEG.
7	5/29/08	DPJ/ZAK	ADDED KIT FOR 6" O.D. LEG.
6	4/29/08	LRS/CE	ADDED KIT FOR 5 3/4" O.D. LEG.
5	3/03/08	LRS/ZAK	ADDED KIT FOR 6 1/4" O.D. LEG
4	1/10/08	LRS/CE	CHANGED LEG DIAMETER FOR C30011044 KIT (WAS 5 1/2" OR 5 9/16")
3	12/27/04	DLW/DEL	ADDED KITS FOR 1 1/4" TO 1 3/4" O.D. LEGS.
2	3/3/04	KLE/DLW	ADDED KITS FOR 16" O.D. & 18" O.D. LEGS.
1	2/19/04	KLE/DLW	ADDED C30011050 & ADDED LEADING ZERO.
REV	DATE	DRW/CHK	DESCRIPTION

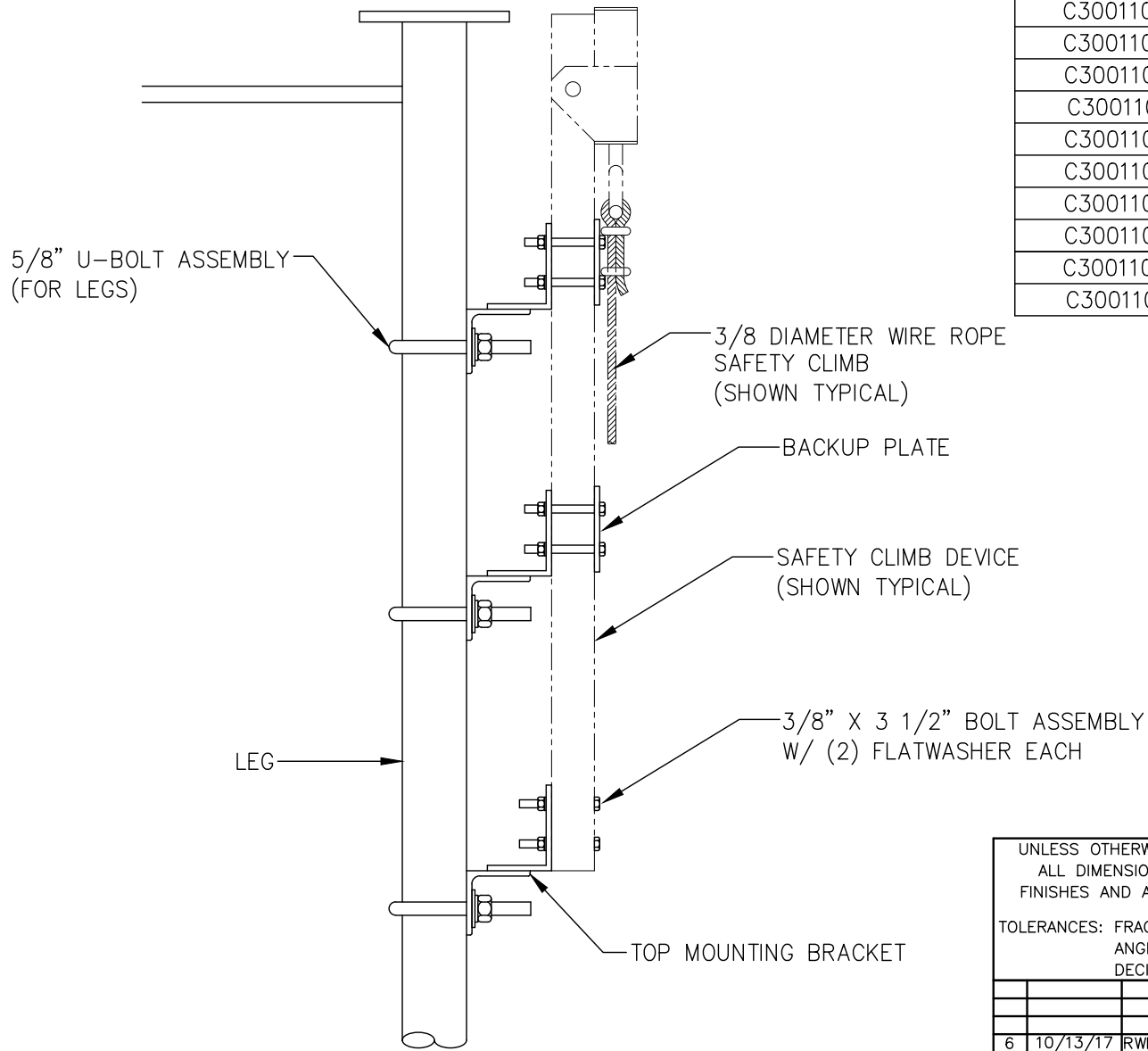
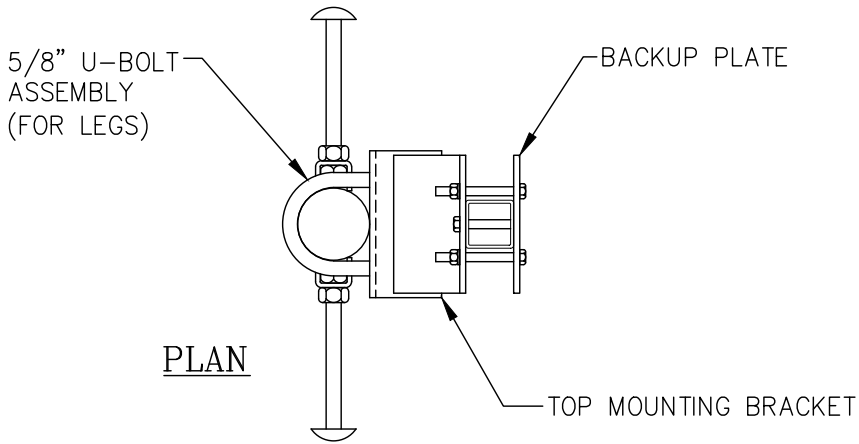


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3/8 DIAMETER WIRE ROPE SAFETY CLIMB
BOTTOM MOUNTING BRACKET

		SIZE	DRAWING NO.		REV
DATE	4/11/02	B	C30011-1		14
DRAWN BY	KLE			SCALE	PAGE
CHECKED BY	DWL			None	1 OF 1



TOP MOUNTING BRACKET KITS

KIT NUMBER	LEG DIAMETER	5/8" U-BOLT ASSEMBLY	3/8" BOLT ASSEMBLY	3/8"Ø FLATWASHER	TOP MOUNTING BRACKET	BACKUP PLATE	KIT WEIGHT
C30011017	1 1/4"	C40034041	C40024012	C40031001	CW00346	CS00167	25.3#
C30011018	1 1/2"	C40034020	C40024012	C40031001	CW00346	CS00167	25.6#
C30011019	1 3/4"	C40034021	C40024012	C40031001	CW00346	CS00167	25.8#
C30011001	2"	C40034022	C40024012	C40031001	CW00049	CS00167	26.5#
C30011002	2 1/4" OR 2 3/8"	C40034023	C40024012	C40031001	CW00049	CS00167	26.8#
C30011003	2 1/2"	C40034024	C40024012	C40031001	CW00049	CS00167	26.9#
C30011004	2 3/4" OR 2 7/8"	C40034025	C40024012	C40031001	CW00049	CS00167	27.1#
C30011005	3"	C40034026	C40024012	C40031001	CW00049	CS00167	27.2#
C30011006	3 1/4"	C40034027	C40024012	C40031001	CW00050	CS00167	28.9#
C30011007	3 1/2"	C40034028	C40024012	C40031001	CW00050	CS00167	29.1#
C30011008	3 3/4"	C40034029	C40024012	C40031001	CW00050	CS00167	29.2#
C30011009	4"	C40034030	C40024012	C40031001	CW00050	CS00167	29.4#
C30011010	4 1/4"	C40034031	C40024012	C40031001	CW00050	CS00167	29.6#
C30011011	4 1/2"	C40034032	C40024012	C40031001	CW00051	CS00167	31.6#
C30011012	4 3/4"	C40034033	C40024012	C40031001	CW00051	CS00167	31.8#
C30011013	5"	C40034034	C40024012	C40031001	CW00051	CS00167	31.9#
C30011014	5 1/2" OR 5 9/16"	C40034035	C40024012	C40031001	CW00052	CS00167	34.0#
C30011015	6 5/8"	C40034036	C40024012	C40031001	CW00052	CS00167	34.6#
C30011020	8 5/8"	C40034037	C40024012	C40031001	CW00053	CS00167	50.5#
C30011021	12 3/4"	C40034039	C40024012	C40031001	CW00053	CS00167	53.4#

NOTES:

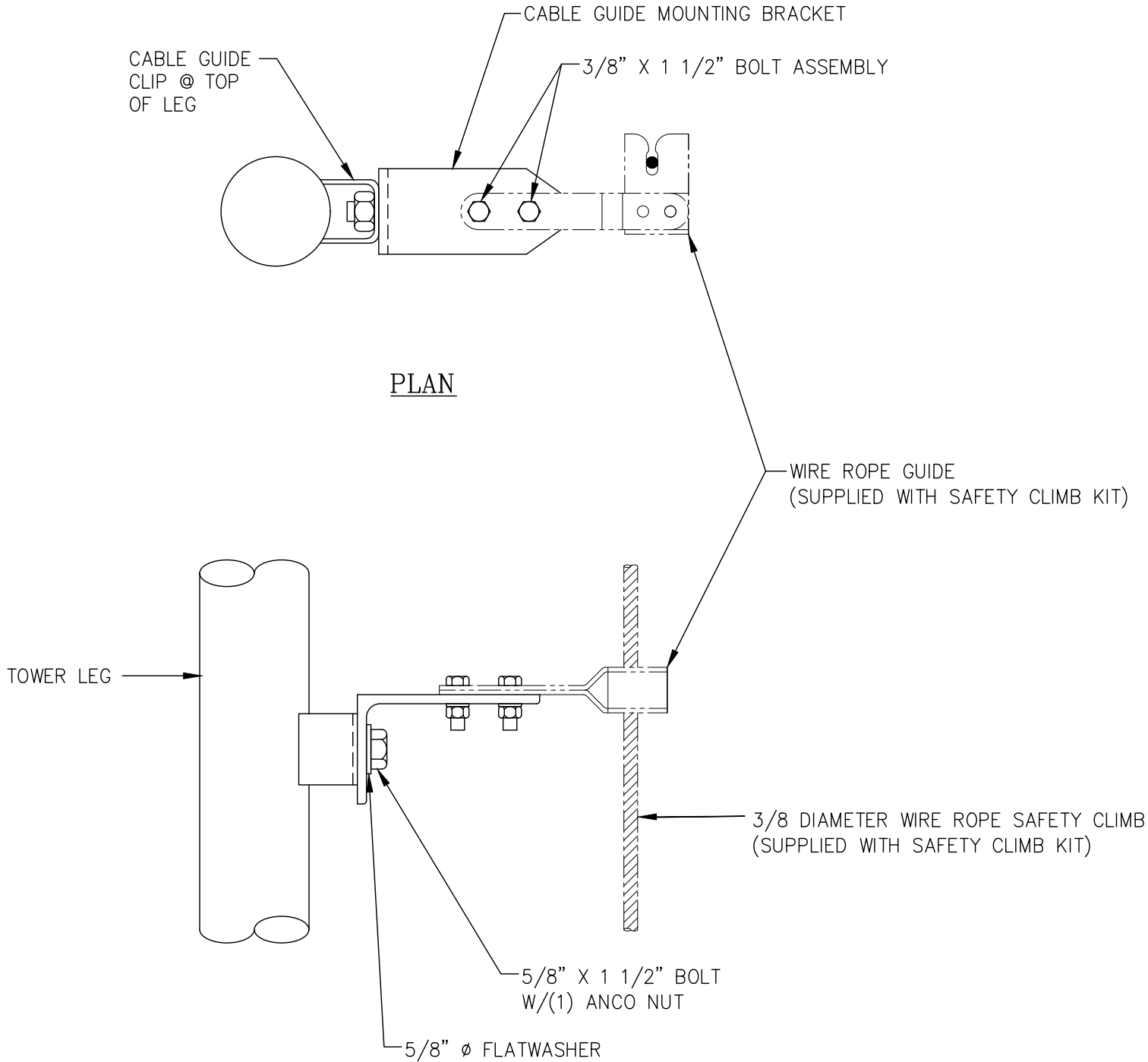
1. MOUNTING BRACKET SHOULD BE INSTALLED IN A MANNER THAT WILL ENSURE THE WIRE ROPE WILL NOT BE DAMAGED.
2. IF THERE IS A MOUNT AT THE TOP OF THE TOWER THAT WOULD INTERFERE WITH THE BRACKET OR SAFETY CLIMB, THE TOP MOUNTING BRACKET SHOULD BE INSTALLED JUST BELOW THE MOUNT.

EACH KIT CONSISTS OF

- (3) TOP MOUNTING BRACKET
- (2) BACKUP PLATE
- (3) 5/8" U-BOLT ASSEMBLY FOR MOUNTING TO LEG
- (10) 3/8"Ø X 3 1/2" BOLT ASSEMBLY
- (20) 3/8"Ø FLATWASHER

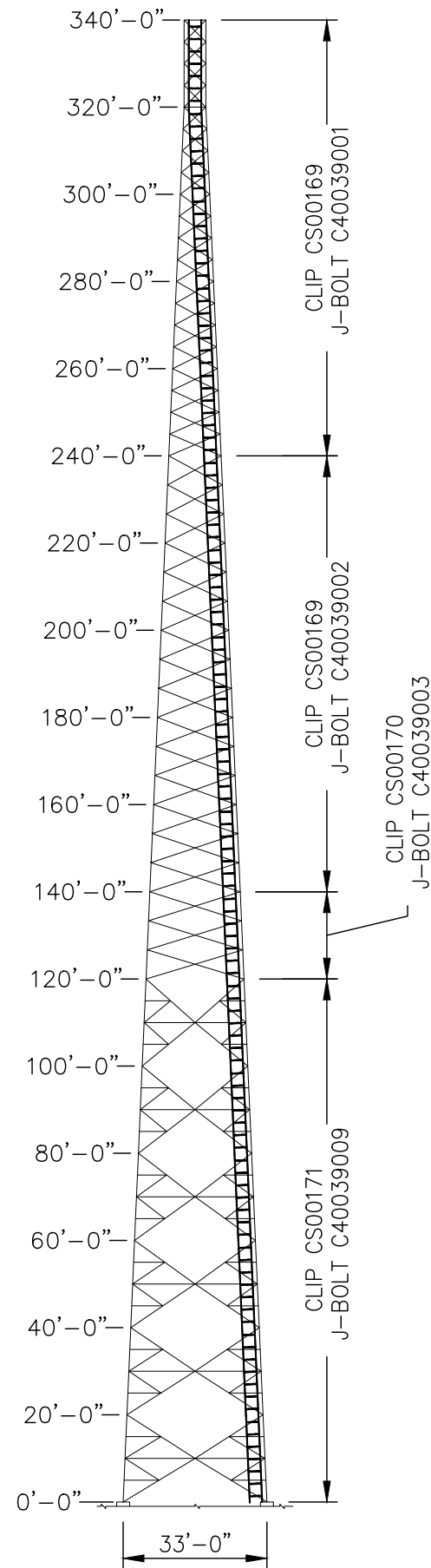
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:			3/8 DIAMETER WIRE ROPE SAFETY CLIMB TOP MOUNTING BRACKET				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL							
							CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.				
6	10/13/17	RWM	MWR	REVISED 3/8 DIAMETER WIRE ROPE VERBIAGE AND REVISED/ADDED NOTES.							
5	7/2/10	CHH	HHC	ADDED KIT FOR 12 3/4" O.D. LEG.							
4	11/2/09	DPJ	ZAK	ADDED KIT FOR 8 5/8" O.D. LEG.							
3	12/27/04	DLW	DEL	ADDED KITS FOR 1 1/4" TO 1 3/4" O.D. LEGS							
2	3/4/04	KLE	KLE	REMOVED DASHES							
1	2/19/04	KLE	DLW	ADDED LEADING ZERO							
REV	DATE	DRW	CHK	DESCRIPTION		DATE		SIZE	DRAWING NO.		REV
						4/12/02		B	C30011-2		6
						DRAWN BY		KLE		SCALE	PAGE
						CHECKED BY		DLW			

C30003001 SAFETY CLIMB CABLE GUIDE MOUNTING BRACKET				
ITEM	QTY.	PART. NO.	DESCRIPTION	WEIGHT
1	1	CS00795	ANGLE, SAFETY CLIMB CABLE GUIDE SUPPORT	1.4#
2	1	C40126021	BOLT, 5/8 X 1 1/2 A325	0.3#
3	1	C40028003	NUT, ANCO 5/8" ø	0.1#
4	1	C40031003	FLATWASHER, 5/8" ø	0.1#
5	2	C40024004	BOLT ASSEMBLY, 3/8 X 1 1/2 GR. 5	0.2#
TOTAL WEIGHT				2.1#



- EACH KIT CONSISTS OF
- (1) CABLE GUIDE MOUNTING BRACKET
 - (1) 5/8" X 1 1/2" BOLT FOR MOUNTING TO LEG
 - (1) 5/8" ANCO NUT FOR 5/8" BOLT
 - (1) 5/8" FLATWASHER
 - (2) 3/8"ø X 1 1/2" BOLT ASSEMBLY

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:			3/8 DIAMETER WIRE ROPE SAFETY CLIMB CABLE GUIDE MOUNTING BRACKET					
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL								
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4	10/13/17	RWM	MWR	REVISED 3/8 DIAMETER WIRE ROPE VERBIAGE			DATE	8/4/04				
3	10/6/11	CHH	RWM	REVISED MOUNTING BOLT WAS C40126019 & ADDED FLATWASHER C40031003			DRAWN BY	CHH			SCALE None	PAGE 1 OF 1
2	4/12/06	CHH	HHC	CHANGED PART NO. ITEM 2 (WAS C40998050).			CHECKED BY	ZAK				
1	2/17/06	MJM	ZAK	CORRECTED ITEM 3 PART NO. (WAS C40028004).								
REV	DATE	DRW	CHK	DESCRIPTION								



ELEVATION VIEW

WAVEGUIDE LADDER				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	34	CS03589	ANGLE, WAVEGUIDE LADDER RAIL 20 FT. W/3 FT. RUNG SPC	1020
2	119	CS00413	ANGLE, WAVEGUIDE SUPPORT (15 HOLE)	547
3	32	CS00037	PLATE, LADDER SPLICE	13
4	36	CS00171	CLIP, LADDER ATTACHMENT	25
5	6	CS00170	CLIP, LADDER ATTACHMENT	4
6	50	CS00169	CLIP, LADDER ATTACHMENT	28
TOTAL WEIGHT LBS				1637

LADDER HARDWARE				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
7	36	C40039009	J-BOLT ASSEMBLY, 3/8 ø X 9 I.L.	15
8	6	C40039003	J-BOLT ASSEMBLY, 3/8 ø X 9 I.L.	2
9	30	C40039002	J-BOLT ASSEMBLY, 3/8 ø X 7 1/4 I.L.	11
10	20	C40039001	J-BOLT ASSEMBLY, 3/8 ø X 5 3/4 I.L.	6
11	302	C40024004	BOLT ASSEMBLY, 3/8 ø X 1 1/2 GRD 5	30
TOTAL WEIGHT LBS				64

FIELD NOTES

- 1. FROM ELEVATION 0'–0" TO 120'–0" ATTACH WAVEGUIDE LADDER TO EACH MAIN DIAGONAL & MAIN HORIZONTAL.
FROM ELEVATION 120'–0" TO 240'–0" ATTACH WAVEGUIDE LADDER TO EACH TOWER DIAGONAL.
FROM ELEVATION 240'–0" TO 340'–0" ATTACH WAVEGUIDE LADDER TO EVERY OTHER TOWER DIAGONAL.
- 2. SEE REFERENCE DWG. 9031810 FOR WAVEGUIDE LADDER INSTALLATION AND ATTACHMENT DETAIL.
- 3. SEE CUSTOMER REQUESTS FOR PROPER FACE POSITIONING OF ALL LADDERS.
- 4. WAVEGUIDE LADDERS SHOULD NEVER BE USED AS A CLIMBING OR RIGGING DEVICE.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS ± 1/16"
ANGLES ± 1/2 DEG.
DECIMALS ± .010"

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL



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W/G LADDER: 340 FT. MODEL S3R-SD

SITE: FORT WHITE, FL

CUSTOMER: BURNS & MCDONNELL

JOB NO. 512004

DATE 12/09/22

DRAWN BY KMP

CHECKED BY ZAK

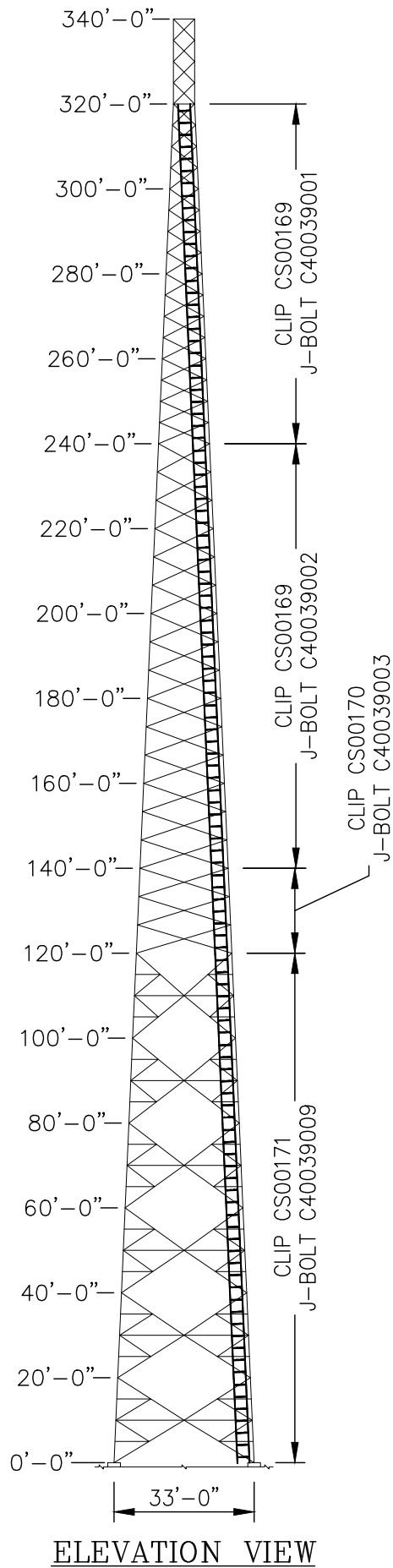
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SCALE NONE

DRAWING NO. 512004-WG1

PAGE 1 OF 1

REV 0



WAVEGUIDE LADDER				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	32	CS03589	ANGLE, WAVEGUIDE LADDER RAIL 20 FT. W/3 FT. RUNG SPC	960
2	112	CS00413	ANGLE, WAVEGUIDE SUPPORT (15 HOLE)	515
3	30	CS00037	PLATE, LADDER SPLICE	12
4	36	CS00171	CLIP, LADDER ATTACHMENT	25
5	6	CS00170	CLIP, LADDER ATTACHMENT	4
6	46	CS00169	CLIP, LADDER ATTACHMENT	25
TOTAL WEIGHT LBS				1541

LADDER HARDWARE				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
7	36	C40039009	J-BOLT ASSEMBLY, 3/8 ø X 9 I.L.	15
8	6	C40039003	J-BOLT ASSEMBLY, 3/8 ø X 9 I.L.	2
9	30	C40039002	J-BOLT ASSEMBLY, 3/8 ø X 7 1/4 I.L.	11
10	16	C40039001	J-BOLT ASSEMBLY, 3/8 ø X 5 3/4 I.L.	5
11	284	C40024004	BOLT ASSEMBLY, 3/8 ø X 1 1/2 GRD 5	28
TOTAL WEIGHT LBS				61

FIELD NOTES

- 1. FROM ELEVATION 0'–0" TO 120'–0" ATTACH WAVEGUIDE LADDER TO EACH MAIN DIAGONAL & MAIN HORIZONTAL.
FROM ELEVATION 120'–0" TO 240'–0" ATTACH WAVEGUIDE LADDER TO EACH TOWER DIAGONAL.
FROM ELEVATION 240'–0" TO 320'–0" ATTACH WAVEGUIDE LADDER TO EVERY OTHER TOWER DIAGONAL.
- 2. SEE REFERENCE DWG. 9031810 FOR WAVEGUIDE LADDER INSTALLATION AND ATTACHMENT DETAIL.
- 3. SEE CUSTOMER REQUESTS FOR PROPER FACE POSITIONING OF ALL LADDERS.
- 4. WAVEGUIDE LADDERS ARE NEVER TO BE USED AS A CLIMBING DEVICE.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS ± 1/16"
ANGLES ± 1/2 DEG.
DECIMALS ± .010"

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL



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W/G LADDER: 340 FT. MODEL S3R–SD

SITE: FORT WHITE, FL

CUSTOMER: BURNS & MCDONNELL

JOB NO. 512004

DATE12/09/22

DRAWN BYKMP

CHECKED BYZAK

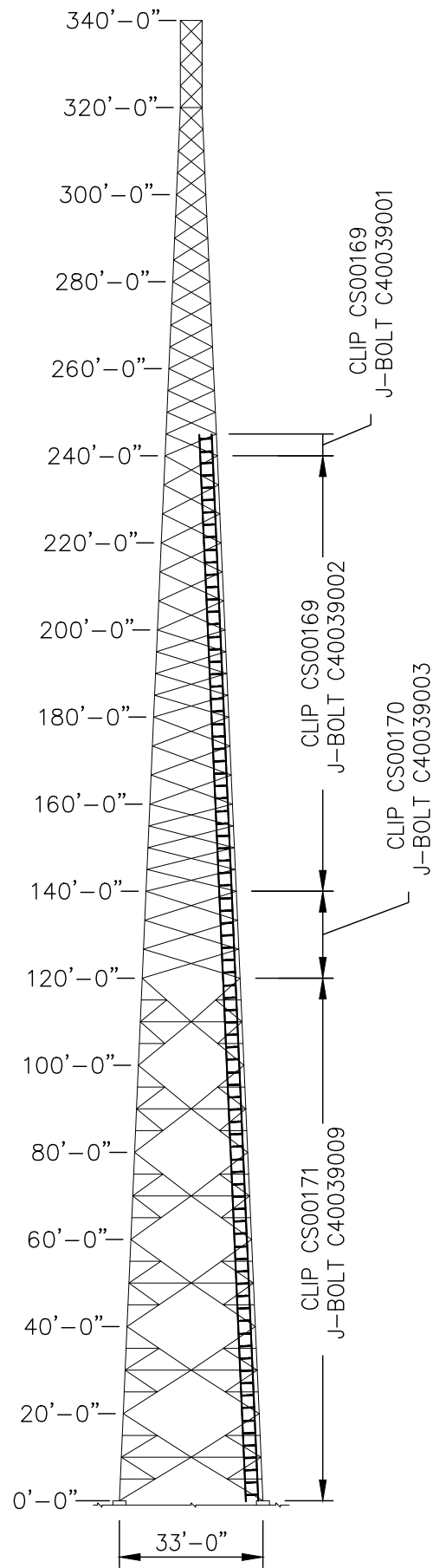
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DRAWING NO.512004–WG2

SCALENONE

REV0

PAGE1 OF 1



ELEVATION VIEW

FIELD NOTES

- 1. FROM ELEVATION 0'–0" TO 120'–0" ATTACH WAVEGUIDE LADDER TO EACH MAIN DIAGONAL & MAIN HORIZONTAL. FROM ELEVATION 120'–0" TO 245'–0" ATTACH WAVEGUIDE LADDER TO EACH TOWER DIAGONAL.
- 2. SEE REFERENCE DWG. 9031810 FOR WAVEGUIDE LADDER INSTALLATION AND ATTACHMENT DETAIL.
- 3. SEE CUSTOMER REQUESTS FOR PROPER FACE POSITIONING OF ALL LADDERS.
- 4. WAVEGUIDE LADDERS ARE NEVER TO BE USED AS A CLIMBING DEVICE.

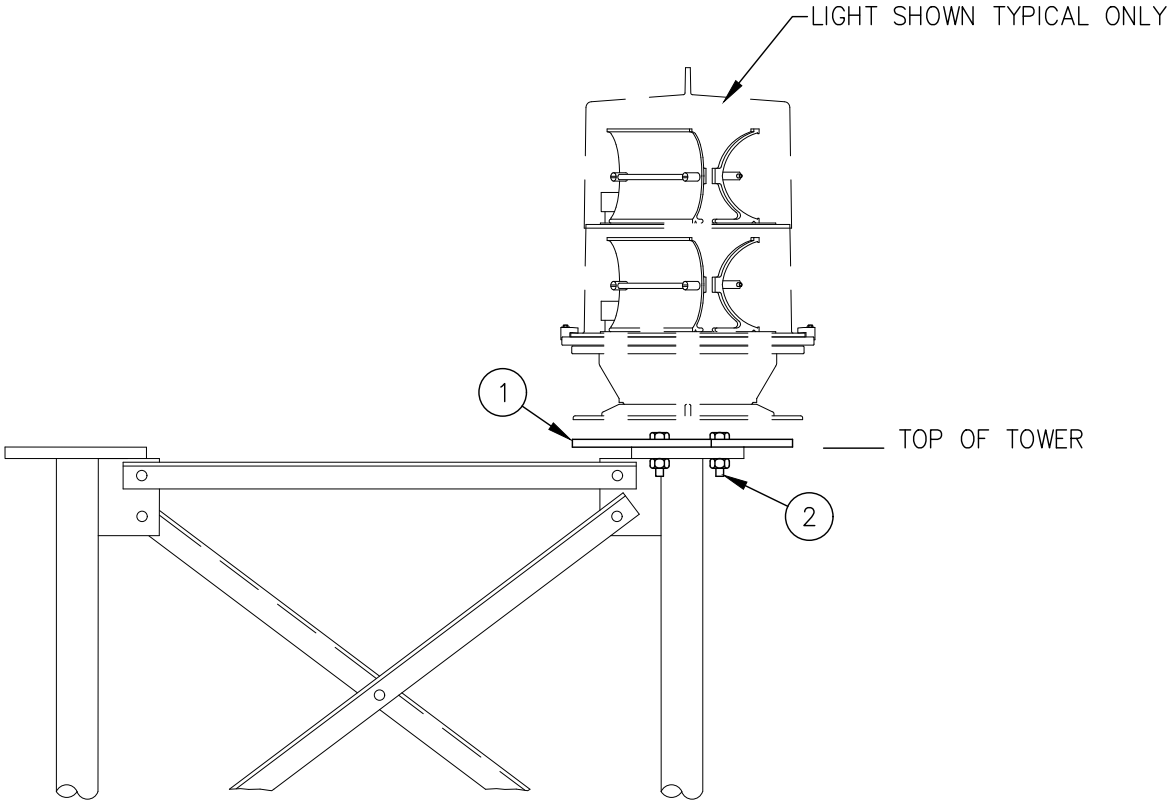
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:				W/G LADDER: 340 FT. MODEL S3R–SD SITE: FORT WHITE, FL CUSTOMER: BURNS & MCDONNELL																																																																	
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL																																																																					
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DATE		12/09/22																																																																							
DRAWN BY		KMP		SCALE NONE		PAGE 1 OF 1																																																																			
CHECKED BY		ZAK																																																																							



LIST OF MATERIAL				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	A/R	CS03589	ANGLE, WAVEGUIDE LADDER RAIL 20 FT.	
2	N/R			
3	N/R			
4	N/R			
5	A/R	CS03675	ANGLE, WAVEGUIDE LADDER RAIL 16 FT.	
6	N/R			
7	N/R			
8	N/R			
9	N/R			
10	A/R	CS03592	ANGLE, WAVEGUIDE LADDER RAIL 11 FT.	
11	A/R	CS03590	ANGLE, WAVEGUIDE LADDER RAIL 10 FT.	
12	N/R			
13	A/R	CS03593	ANGLE, WAVEGUIDE LADDER RAIL 8 FT.	
14	A/R	CS03594	ANGLE, WAVEGUIDE LADDER RAIL 7 FT.	
15	N/R			
16	A/R	CS03591	ANGLE, WAVEGUIDE LADDER RAIL 5 FT.	
17	A/R	CS00037	PLATE, LADDER SPLICE	
18	A/R	CS00413	ANGLE WAVEGUIDE SUPPORT (15 HOLE)	
19	A/R	CS00169	CLIP, LADDER ATTACHMENT (1 1/2" - 4" ANGLES)	
20	A/R	CS00170	CLIP, LADDER ATTACHMENT (5" - 6" ANGLES: 3/8" THK. & UNDER)	
21	A/R	CS00171	CLIP, LADDER ATTACHMENT (1 1/2" - 6" ANGLES: 1/2" THK. & UNDER)	
22	A/R	CS00808	CLIP, LADDER ATTACHMENT (4" - 6" ANGLES: 1/2" TO 3/4" THK.)	
23	A/R	CS01212	CLIP, LADDER ATTACHMENT (8" ANGLES)	
24	A/R	C40039001	J-BOLT ASSY., 3/8 (1 1/2" - 2 1/2" ANGLES)	
25	A/R	C40039002	J-BOLT ASSY., 3/8 (3" - 4" ANGLES)	
26	A/R	C40039003	J-BOLT ASSY., 3/8 (5" - 6" ANGLES)	
27	A/R	C40039009	J-BOLT ASSY., 3/8 (3" - 6" ANGLES, 1/2" & 3/4" THK)	
28	A/R	C40039012	J-BOLT ASSY., 3/8 (8" ANGLES, 1/2" & 3/4" THK)	
29	A/R	C40024004	BOLT ASSEMBLY, 3/8 X 1 1/2 GR5	

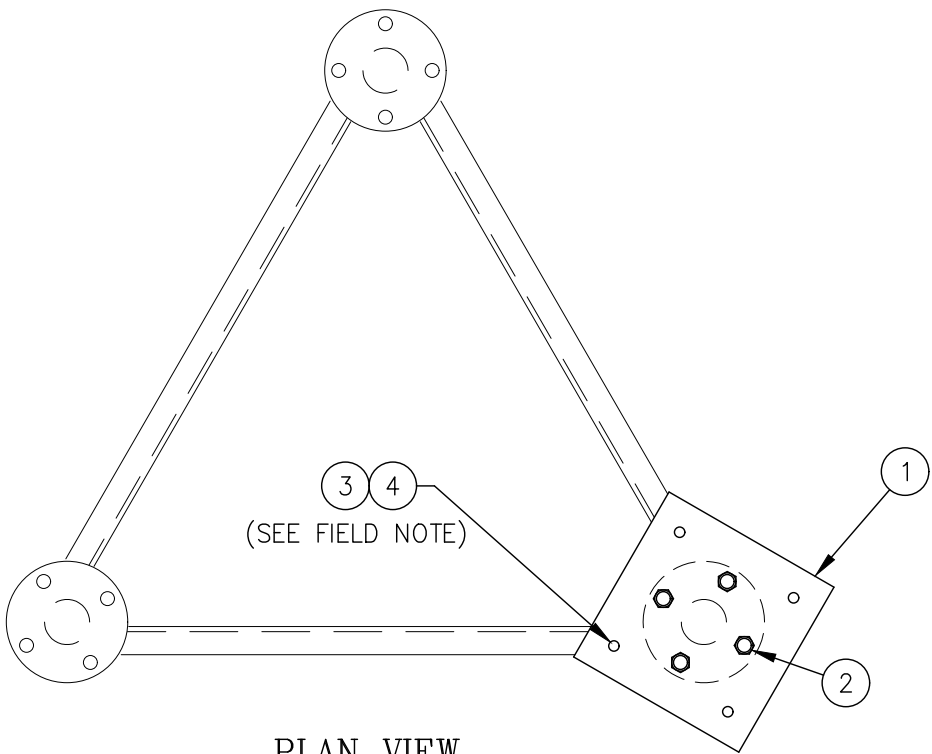
"SEE JOB SPECIFIC BILL OF MATERIAL FOR QTY'S."

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										WAVEGUIDE LADDER INSTALLATION 15 HOLE RUNG – 7/16"ø & 3/4"ø (CUSTOM LENGTH) (SPECIAL LADDER RAILS W/GROUNDING HOLES)														
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL																								
												CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.																	
1	09/03/19	KLE	EK	ADDED CORRECT NUMBER OF HOLES TO ELEVATION VIEW & SPLICE DETAIL										DATE		6/7/19		SIZE		B		DRAWING NO.		9031810		REV		1	
														DRAWN BY		DPJ								SCALE		PAGE			
REV	DATE	DRW	CHK	DESCRIPTION										CHECKED BY		ZAK								None		1 OF 1			



ELEVATION VIEW

C30008042 BEACON MOUNT KIT				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	1	CS01622	PLATE, BEACON MOUNT (3/4" BOLTS ON A 5 1/2" B.C.)	11
2	4	C40026045	BOLT ASSEMBLY, 3/4 ø X 2 1/2 A325	3
3	4	C40026025	BOLT ASSEMBLY, 5/8 ø X 2 1/2 A325	2
4	8	C40047003	RINGFILL, 3/8 THICK – 5/8 ø BOLT	1
TOTAL WEIGHT LBS				17



PLAN VIEW

FIELD NOTE:

- (4) 5/8" X 2 1/2" BOLTS HAVE BEEN PROVIDED TO MOUNT BEACON TO MOUNTING PLATE #CS01622.
- (8) RINGFILLS, 3/8" THICK, HAVE BEEN PROVIDED TO SHIM THE BEACON ABOVE HEAD OF SPLICE BOLT, USE TWO (2) PER BOLT.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					MATERIAL: FITS (4) 13/16"Ø HOLES SPACED 90° APART ON A 5 1/2" BOLT CIRCLE TOLERANCES DO NOT APPLY TO RAW MATERIAL										BEACON MOUNT INSTALLATION (S3R-SD) 3/4"Ø BOLTS ON A 5 1/2" B.C. (3/4" SPLICE PLATE)										
										CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.												SIZE B	DRAWING NO. C30008042		REV 0
										DATE 9/30/21															
										DRAWN BY MJM															
										CHECKED BY ZAK															
										REV	DATE	DRW	CHK	DESCRIPTION											

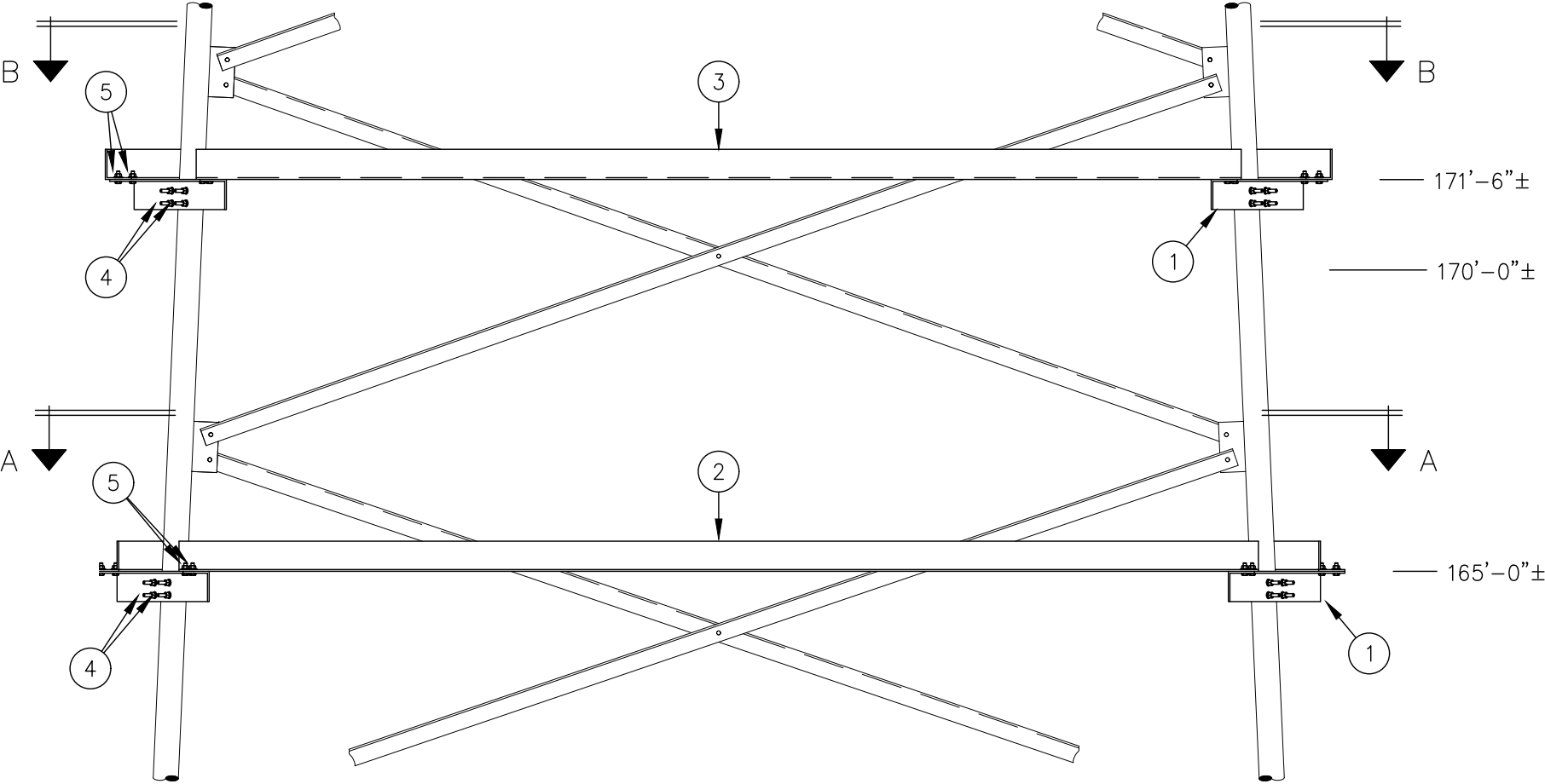
FEDERAL AVIATION ADMINISTRATION
SPECIFICATIONS: AC 70/7460-1L
EFFECTIVE DATE: DECEMBER 4, 2015

CHAPTER 4. LIGHTING GUIDELINE
PARAGRAPH 4.3 LIGHTING SYSTEMS
SECTION 5. OBSTRUCTION LIGHTS DURING CONSTRUCTION

AS THE HEIGHT OF THE STRUCTURE EXCEEDS EACH LEVEL AT WHICH PERMANENT OBSTRUCTION LIGHTS WOULD BE RECOMMENDED, TWO OR MORE LIGHTS OF THE TYPE SPECIFIED IN THE DETERMINATION SHOULD BE INSTALLED AT THAT LEVEL. TEMPORARY HIGH OR MEDIUM INTENSITY FLASHING WHITE LIGHTS, AS RECOMMENDED IN THE DETERMINATION, SHOULD BE OPERATED 24 HOURS A DAY UNTIL ALL PERMANENT LIGHTS ARE IN OPERATION. IN EITHER CASE, TWO OR MORE LIGHTS SHOULD BE INSTALLED ON THE UPPERMOST PART OF THE STRUCTURE ANY TIME IT EXCEEDS THE HEIGHT OF THE TEMPORARY CONSTRUCTION EQUIPMENT. THEY MAY BE TURNED OFF FOR PERIODS WHEN THEY COULD INTERFERE WITH CONSTRUCTION PERSONNEL. IF PRACTICAL, PERMANENT OBSTRUCTION LIGHTS SHOULD BE INSTALLED AND OPERATED AT EACH LEVEL AS CONSTRUCTION PROGRESSES. THE LIGHTS SHOULD BE POSITIONED TO ENSURE THAT A PILOT HAS AN UNOBSTRUCTED VIEW OF AT LEAST ONE LIGHT AT EACH LEVEL.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:			TEMPORARY LIGHTING OF TOWER DURING ERECTION				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL							
CONFIDENTIAL											
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DRAWN BY		RGF		CHECKED BY		DLW					
								SCALE None		PAGE 1 OF 1	

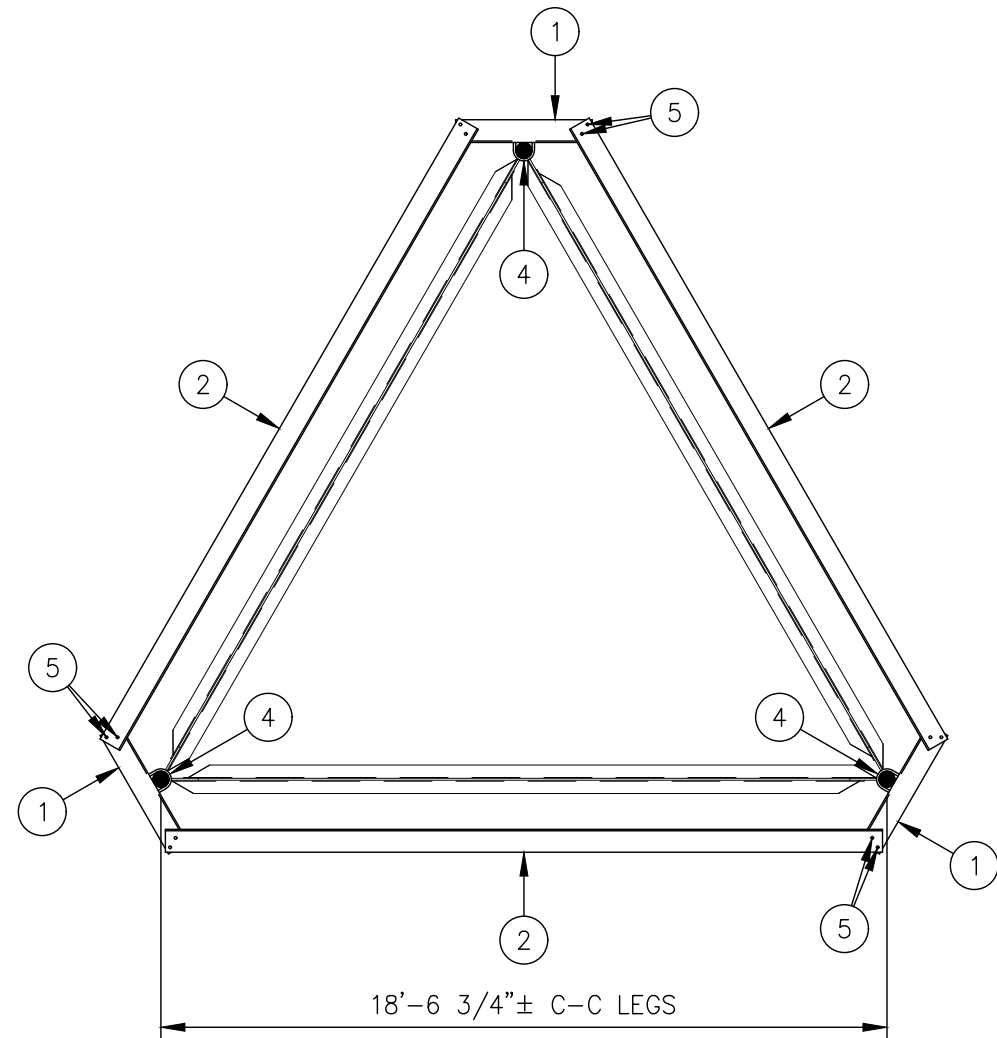
HORIZONTAL MAINTENANCE BRACING @ 170'				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT LBS
1	6	CS03672	ANGLE, HORIZONTAL BRACE 6 X 6 X 3/8 X 3'-0	279
2	3	CS03991	ANGLE, HORIZONTAL BRACE 6 X 6 X 3/8 X 18'-5 1/4	857
3	3	CS03992	ANGLE, HORIZONTAL BRACE 6 X 6 X 3/8 X 17'-10 7/16	831
4	12	C40034084	U-BOLT ASSEMBLY 5/8 Ø X 5 15/16 C-C	28
5	24	C40026023	BOLT ASSEMBLY, 5/8 Ø X 2 A325	11
TOTAL WEIGHT LBS				2006



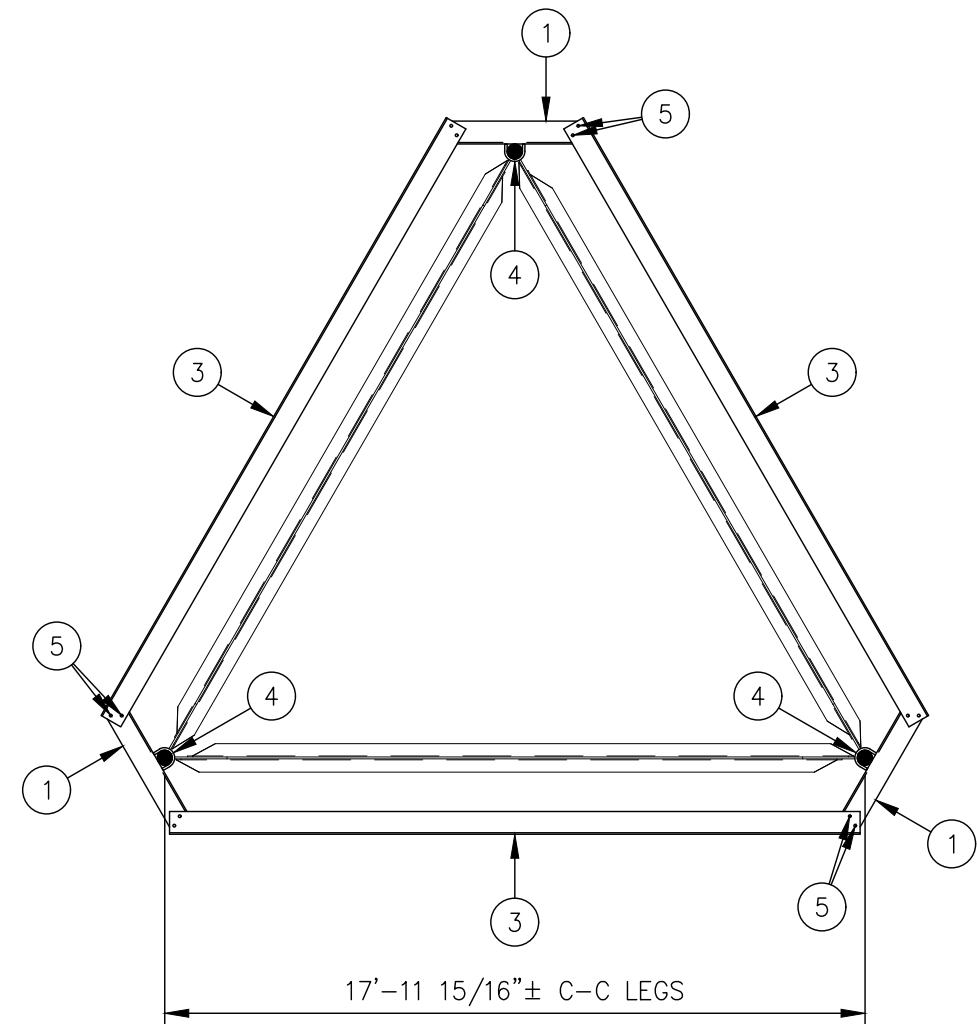
ELEVATION VIEW

FIELD NOTE:
CHECK PROPER PLACEMENT OF THE HORIZONTAL
MAINTENANCE BRACING ANGLES (ITEMS 2 & 3).

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:					Sabre Industries™ INNOVATION DELIVERED					HORIZ. MAINTENANCE BRACING: 340' MODEL S3R-SD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL										SITE: FORT WHITE, FL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
										CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.					CUSTOMER: BURNS & MCDONNELL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		



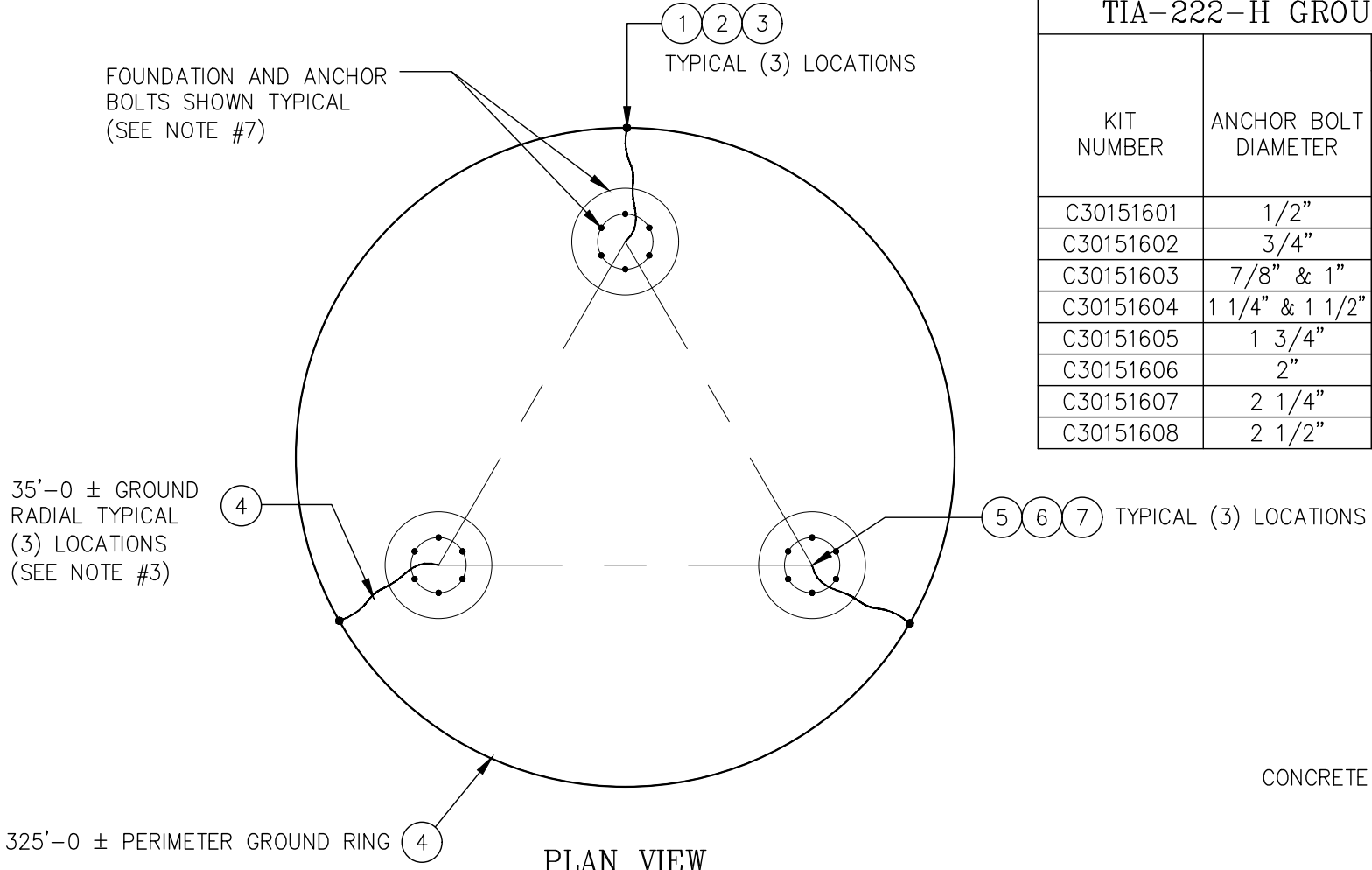
SECTION A-A
PLAN VIEW @ 165'-0"±



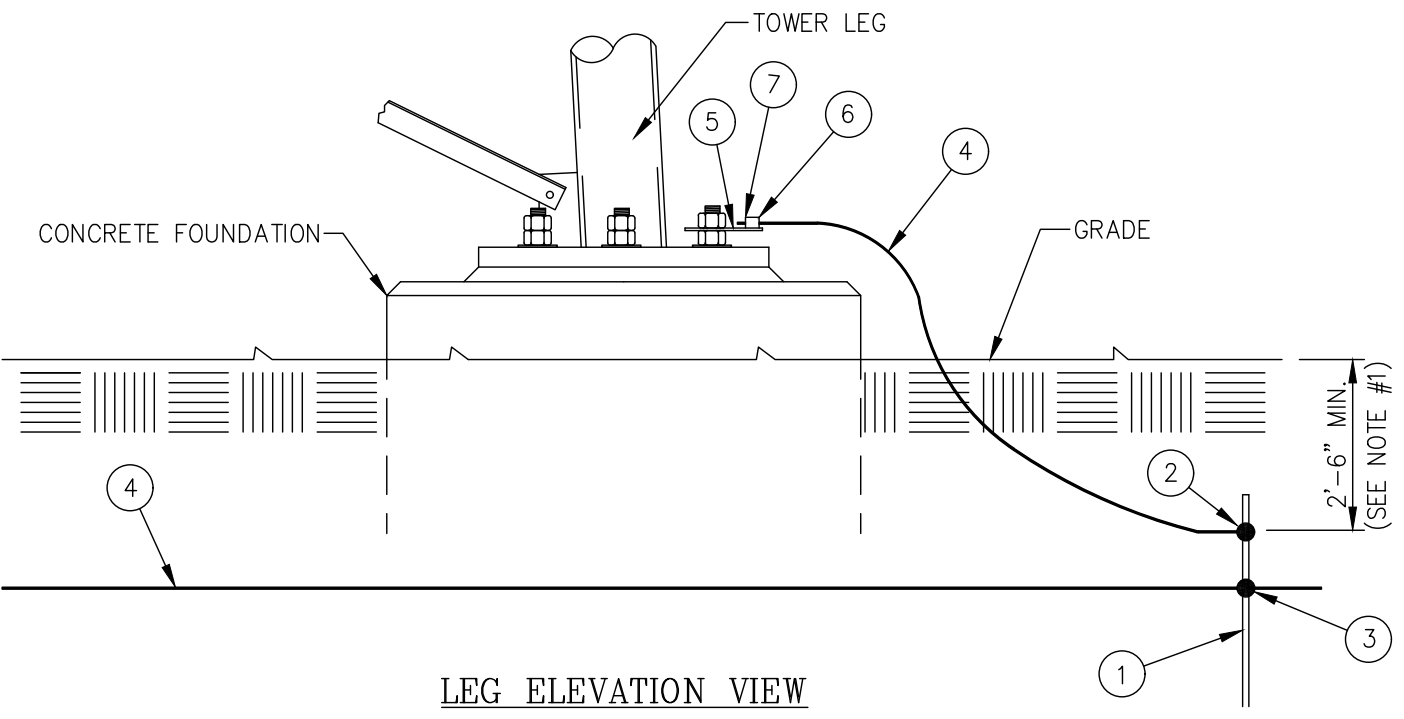
SECTION B-B
PLAN VIEW @ 171'-6"±

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:		Sabre Industries™ INNOVATION DELIVERED		HORIZ. MAINTENANCE BRACING: 340' MODEL S3R-SD				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL				SITE: FORT WHITE, FL				
						CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.		CUSTOMER: BURNS & MCDONNELL				
					JOB NO. 512004			SIZE	DRAWING NO.		REV	
					DATE 12/09/22			B	512004-HM1		0	
					DRAWN BY KMP							
					CHECKED BY ZAK							
									SCALE	PAGE		
									None	2 OF 2		
REV	DATE	DRW	CHK	DESCRIPTION								

TIA-222-H GROUNDING KITS FOR (3) LEG SELF SUPPORTING TOWER SPREADS 31'-0 THRU 41'-0									
KIT NUMBER	ANCHOR BOLT DIAMETER	ITEM #1	ITEM #2	ITEM #3	ITEM #4	ITEM #5	ITEM #6	ITEM #7	WEIGHT LBS
		GROUND ROD 5/8 X 10'-0 GALVANIZED QTY (3)	GROUND ROD CLAMP 5/8 QTY (3)	GROUND ROD CLAMP 5/8 QTY (3)	GROUND WIRE #2 S.S.D.B TINNED COPPER 430 FT.	GROUNDING ATTACHMENT PLATE QTY (3)	GROUND LUG CONDUCTOR QTY (3)	BOLT ASS'Y 1/4 X 1 S.S. QTY (3)	
C30151601	1/2"	C30096006	C30097001	C30097010	C30095123	C30098007	C30093002	C40012003	115
C30151602	3/4"	C30096006	C30097001	C30097010	C30095123	C30098001	C30093002	C40012003	115
C30151603	7/8" & 1"	C30096006	C30097001	C30097010	C30095123	C30098002	C30093002	C40012003	115
C30151604	1 1/4" & 1 1/2"	C30096006	C30097001	C30097010	C30095123	C30098003	C30093002	C40012003	115
C30151605	1 3/4"	C30096006	C30097001	C30097010	C30095123	C30098004	C30093002	C40012003	115
C30151606	2"	C30096006	C30097001	C30097010	C30095123	C30098005	C30093002	C40012003	115
C30151607	2 1/4"	C30096006	C30097001	C30097010	C30095123	C30098006	C30093002	C40012003	115
C30151608	2 1/2"	C30096006	C30097001	C30097010	C30095123	C30098008	C30093002	C40012003	115



NOTE: SEE PAGE 2 FOR (4) LEG KITS.



NOTES:

1. ALL GROUNDING TO BE BURIED BELOW AVERAGE FROST LINE OR 2'-6" MINIMUM, WHICHEVER IS GREATER. WHEN SITE CONDITIONS DO NOT ALLOW FOR VERTICAL INSTALLATION OF THE GROUND RODS, BATTERING THEM AWAY FROM THE BASE OF THE STRUCTURE AS CLOSE TO VERTICAL AS POSSIBLE SHALL BE CONSIDERED ACCEPTABLE WHEN THE MINIMUM DEPTH BELOW GRADE IS MAINTAINED.
2. GROUND WIRE RADIALS CONNECTED TO THE STRUCTURE SHALL CONTINUOUSLY FLOW DOWN OR AWAY FROM THE STRUCTURE WITH BENDS NOT LESS THAN 90 DEGREES. THE MINIMUM BEND RADIUS SHALL BE 12".
3. THE 35' LENGTH NOTED SHOULD SATISFY THE MINIMUM LENGTH REQUIREMENT OF 25' BETWEEN THE GROUND ROD AND STRUCTURE. ADDITIONAL LENGTH MAY BE REQUIRED DUE TO SITE SPECIFIC REQUIREMENTS.
4. GROUND WIRE RING SHALL BE CONTINUOUS AROUND THE PERIMETER NOT CLOSER THAN 2 FT. TO THE FOUNDATION. THE DIAMETER OF THE GROUND RING SHALL BE ADEQUATE TO ACCOMODATE A 20 FT. MINIMUM SEPARATION BETWEEN CONNECTIONS OF THE RADIALS TO THE GROUND WIRE RING.
5. ALL BENDS ARE TO BE SMOOTH WELL ROUNDED CURVES, FREE OF KINKS, SHARP BENDS, ETC.
6. NO PORTION OF THE GROUNDING SYSTEM SHALL PASS THROUGH OR BE CONNECTED TO A CONCRETE FOUNDATION.
7. A TYPICAL CAISSON FOUNDATION IS SHOWN ABOVE. MAT & PIER, OR MAT FOUNDATIONS WILL VARY ACCORDINGLY.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS ± 1/16"
ANGLES ± 1/2 DEG.
DECIMALS ± .010"

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL



Sabre Industries™
INNOVATION DELIVERED

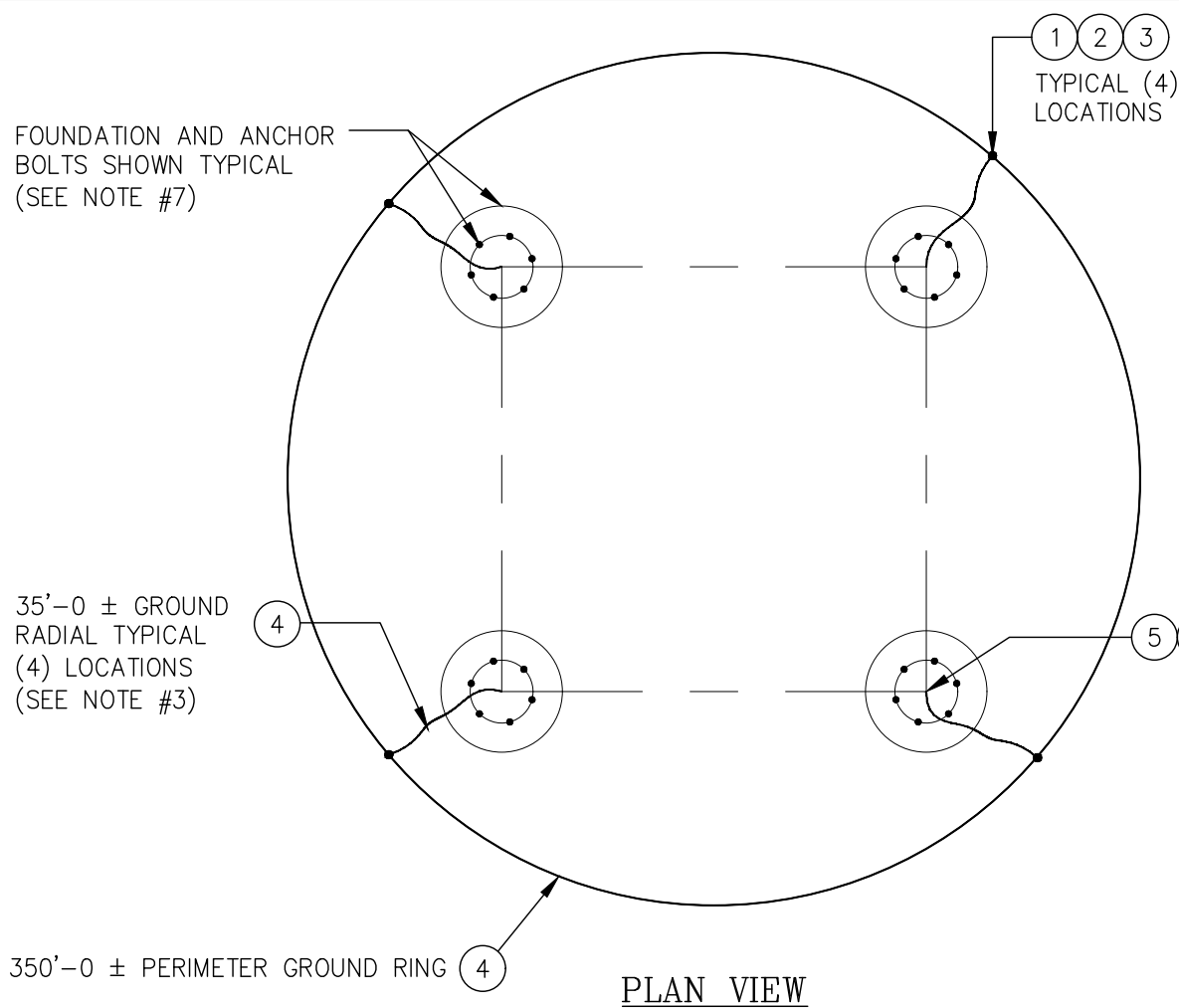
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TOWER GROUNDING KIT
PER TIA-222-H
FOR SELF-SUPPORTING TOWERS WITH A
TOWER SPREAD OF 31'-0 THRU 41'-0
FOR (3) & (4) LEG TOWERS

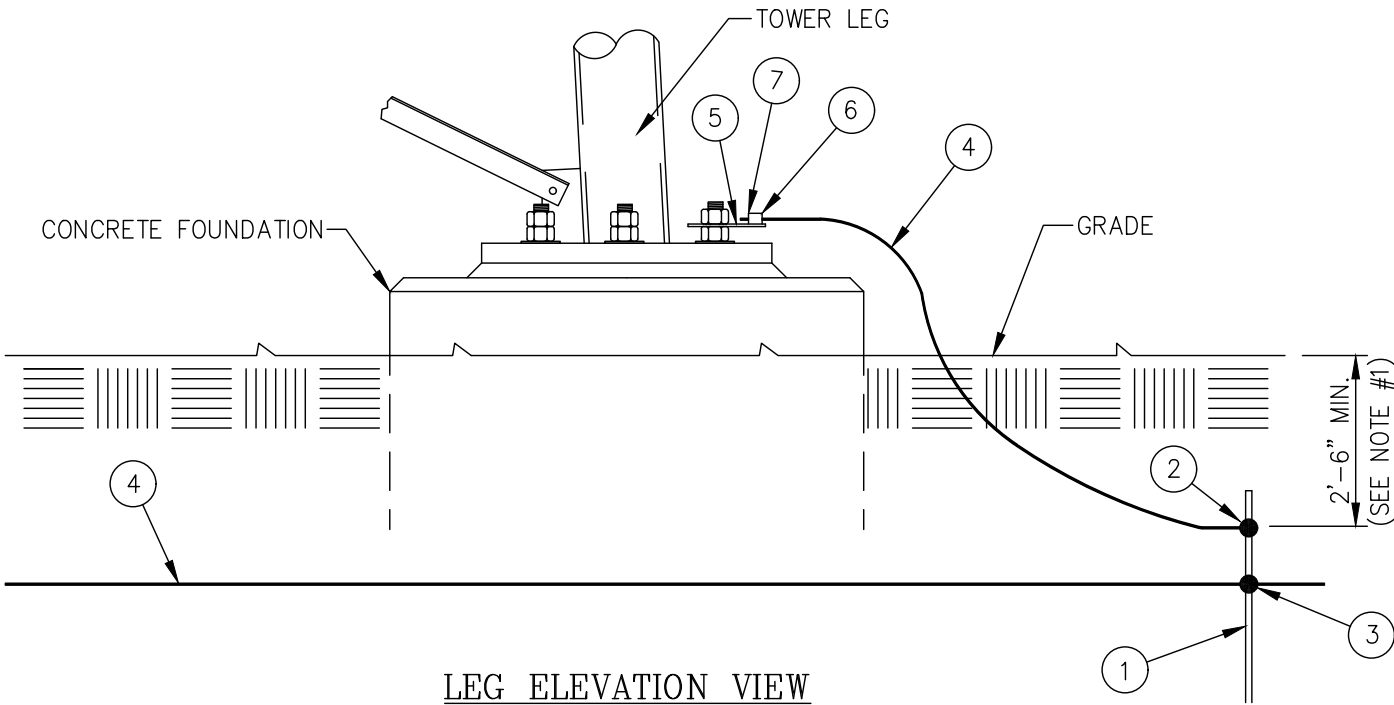
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CHECKED BY		MWR	SCALE None		PAGE 1 OF 2



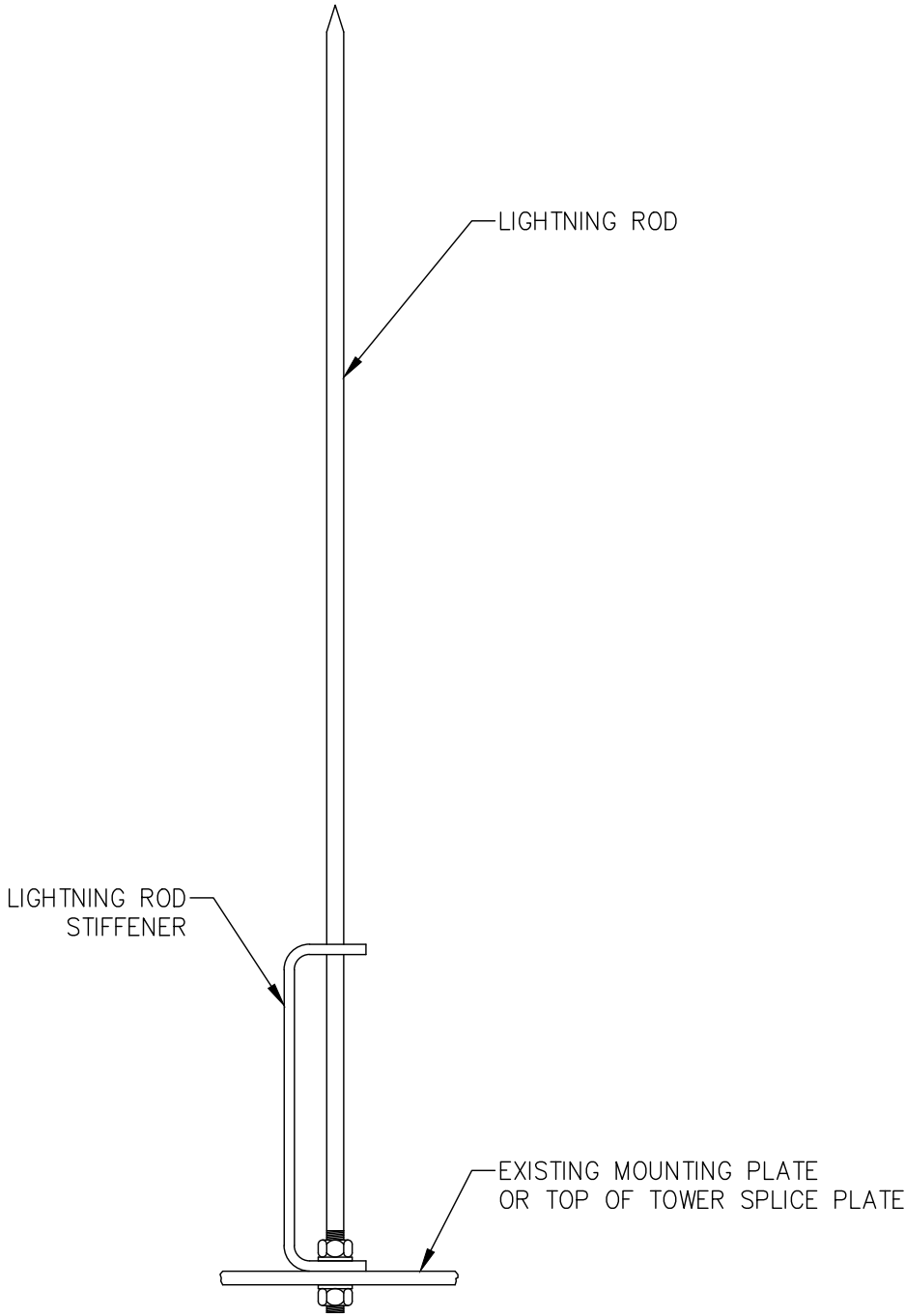
NOTES:

1. ALL GROUNDING TO BE BURIED BELOW AVERAGE FROST LINE OR 2'-6" MINIMUM, WHICHEVER IS GREATER. WHEN SITE CONDITIONS DO NOT ALLOW FOR VERTICAL INSTALLATION OF THE GROUND RODS, BATTERING THEM AWAY FROM THE BASE OF THE STRUCTURE AS CLOSE TO VERTICAL AS POSSIBLE SHALL BE CONSIDERED ACCEPTABLE WHEN THE MINIMUM DEPTH BELOW GRADE IS MAINTAINED.
2. GROUND WIRE RADIALS CONNECTED TO THE STRUCTURE SHALL CONTINUOUSLY FLOW DOWN OR AWAY FROM THE STRUCTURE WITH BENDS NOT LESS THAN 90 DEGREES. THE MINIMUM BEND RADIUS SHALL BE 12".
3. THE 35' LENGTH NOTED SHOULD SATISFY THE MINIMUM LENGTH REQUIREMENT OF 25' BETWEEN THE GROUND ROD AND STRUCTURE. ADDITIONAL LENGTH MAY BE REQUIRED DUE TO SITE SPECIFIC REQUIREMENTS.
4. GROUND WIRE RING SHALL BE CONTINUOUS AROUND THE PERIMETER NOT CLOSER THAN 2 FT. TO THE FOUNDATION. THE DIAMETER OF THE GROUND RING SHALL BE ADEQUATE TO ACCOMMODATE A 20 FT. MINIMUM SEPARATION BETWEEN CONNECTIONS OF THE RADIALS TO THE GROUND WIRE RING.
5. ALL BENDS ARE TO BE SMOOTH WELL ROUNDED CURVES, FREE OF KINKS, SHARP BENDS, ETC.
6. NO PORTION OF THE GROUNDING SYSTEM SHALL PASS THROUGH OR BE CONNECTED TO A CONCRETE FOUNDATION.
7. A TYPICAL CAISSON FOUNDATION IS SHOWN ABOVE. MAT & PIER, OR MAT FOUNDATIONS WILL VARY ACCORDINGLY.

TIA-222-H GROUNDING KITS FOR (4) LEG SELF SUPPORTING TOWER SPREADS 31'-0 THRU 41'-0									
KIT NUMBER	ANCHOR BOLT DIAMETER	ITEM #1 GROUND ROD 5/8 X 10'-0 GALVANIZED QTY (4)	ITEM #2 GROUND ROD CLAMP 5/8 QTY (4)	ITEM #3 GROUND ROD CLAMP 5/8 QTY (4)	ITEM #4 GROUND WIRE #2 S.S.D.B TINNED COPPER 490 FT.	ITEM #5 GROUNDING ATTACHMENT PLATE QTY (4)	ITEM #6 GROUND LUG CONDUCTOR QTY (4)	ITEM #7 BOLT ASS'Y 1/4 X 1 S.S. QTY (4)	WEIGHT LBS
C30151609	1/2"	C30096006	C30097001	C30097010	C30095126	C30098007	C30093002	C40012003	149
C30151610	3/4"	C30096006	C30097001	C30097010	C30095126	C30098001	C30093002	C40012003	153
C30151611	7/8" & 1"	C30096006	C30097001	C30097010	C30095126	C30098002	C30093002	C40012003	153
C30151612	1 1/4" & 1 1/2"	C30096006	C30097001	C30097010	C30095126	C30098003	C30093002	C40012003	153
C30151613	1 3/4"	C30096006	C30097001	C30097010	C30095126	C30098004	C30093002	C40012003	153
C30151614	2"	C30096006	C30097001	C30097010	C30095126	C30098005	C30093002	C40012003	153
C30151615	2 1/4"	C30096006	C30097001	C30097010	C30095126	C30098006	C30093002	C40012003	153
C30151616	2 1/2"	C30096006	C30097001	C30097010	C30095126	C30098008	C30093002	C40012003	153



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:		 CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.	TOWER GROUNDING KIT PER TIA-222-H FOR SELF-SUPPORTING TOWERS WITH A TOWER SPREAD OF 31'-0 THRU 41'-0 FOR (3) & (4) LEG TOWERS				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL			DATE 9/28/18		SIZE B	DRAWING NO. C301516	REV 1
1 10/28/20 DRL KE ADDED 2nd PAGE FOR (4) LEG TOWERS				© 2022 Sabre Industries, Inc. All rights reserved.			DRAWN BY RWM				
REV DATE DRWCHK DESCRIPTION						CHECKED BY MWR		SCALE None		PAGE 2 OF 2	

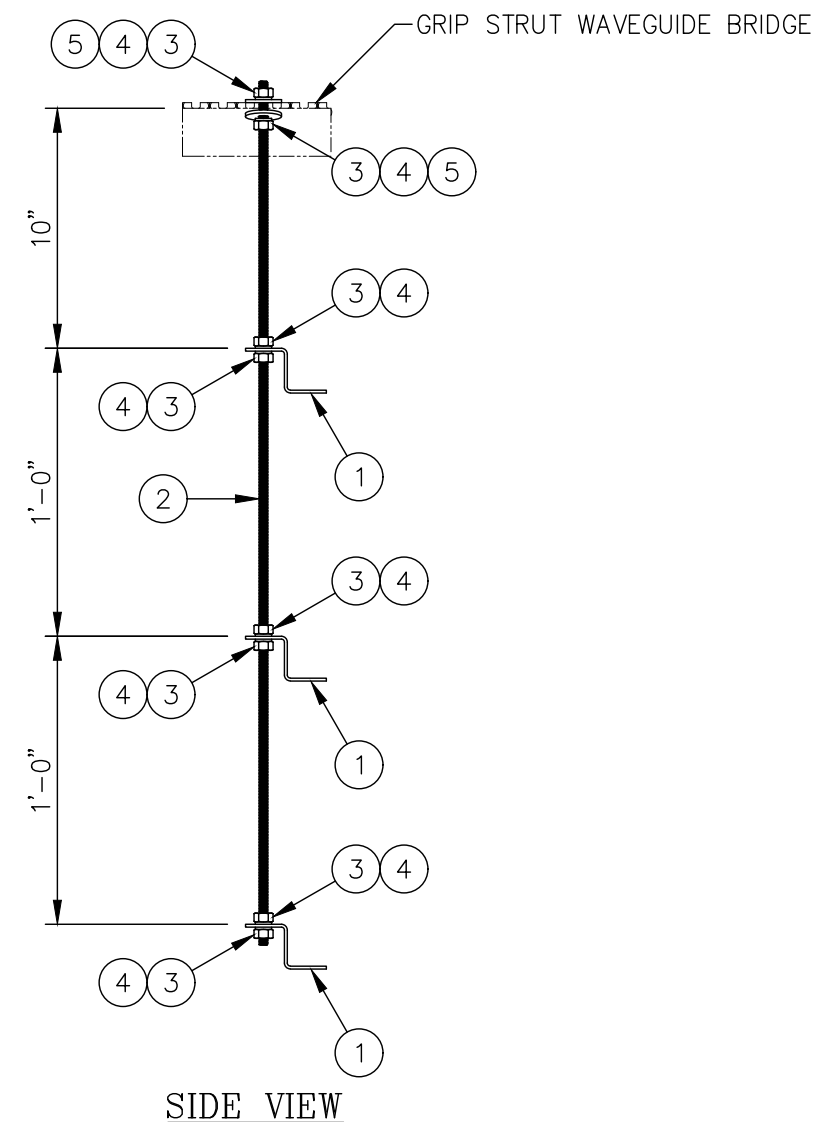


ELEVATION

LIGHTNING ROD/STIFFENER KITS				
KIT NUMBER	LIGHTNING ROD	LIGHTNING ROD DIMENSIONS	STIFFENER	KIT WEIGHT LBS.
C30986010	C30086010	5/8" x 2'-0"	CS00675	8
C30986011	C30086011	5/8" x 3'-0"	CS00675	10
C30986001	C30086001	5/8" x 4'-0"	CS00675	10
C30986008	C30086008*	5/8" x 4'-0"	CS00675	10
C30986005	C30086005	5/8" x 5'-0"	CS00675	11
C30986006	C30086006	5/8" x 6'-0"	CS00675	11
C30986017	C30086017**	5/8" x 6'-0"	CS00675	12
C30986028	C30086028*	5/8" x 6'-0"	CS00675	12
C30986002	C30086002	5/8" x 8'-0"	CS00675	13
C30986027	C30086027*	5/8" x 8'-0"	CS00675	14
C30986016	C30086016	5/8" x 10'-0"	CS00675	16
C30986007	C30086007	3/4" x 6'-0"	CS00676	12
C30986003	C30086003	3/4" x 8'-0"	CS00676	19
C30986030	C30086030*	3/4" x 8'-0"	CS00676	18
C30986004	C30086004	3/4" x 10'-0"	CS00676	22

* THIS LIGHTNING ROD IS STAINLESS STEEL.
** THIS LIGHTNING ROD IS GALVANIZED.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:			LIGHTNING ROD/STIFFENER KITS					
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL								
CONFIDENTIAL												
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CHECKED BY		RWM										

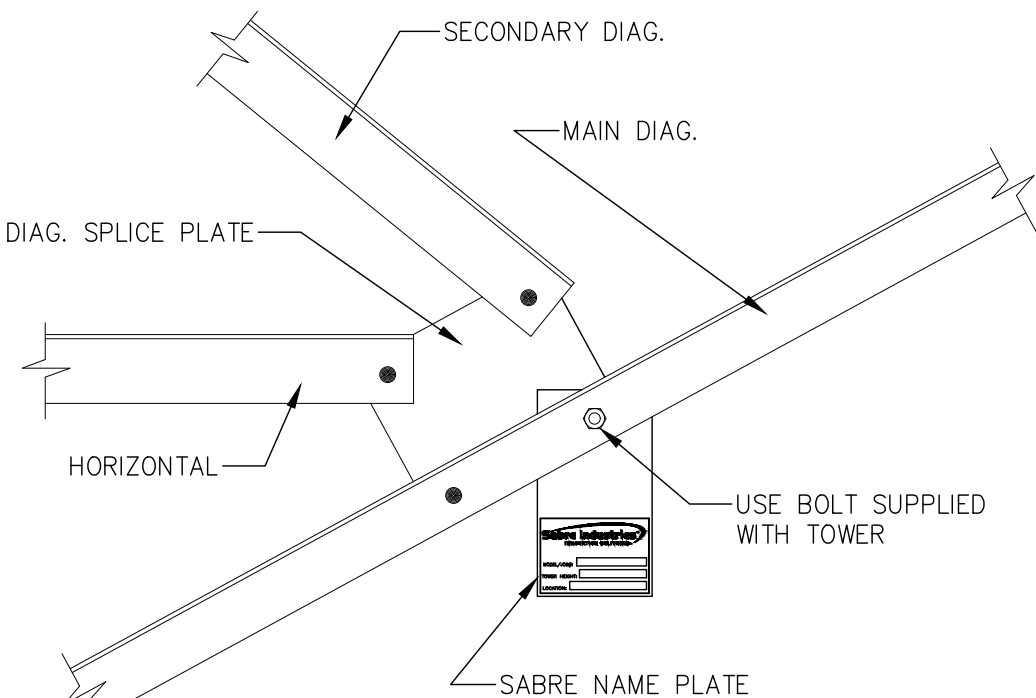


THREE LEVELS TX LINE HANGER KIT FOR 2'-0" BRIDGE				
		SIZE	DRAWING NO.	REV
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CHECKED BY	RWM		None	1 OF 1

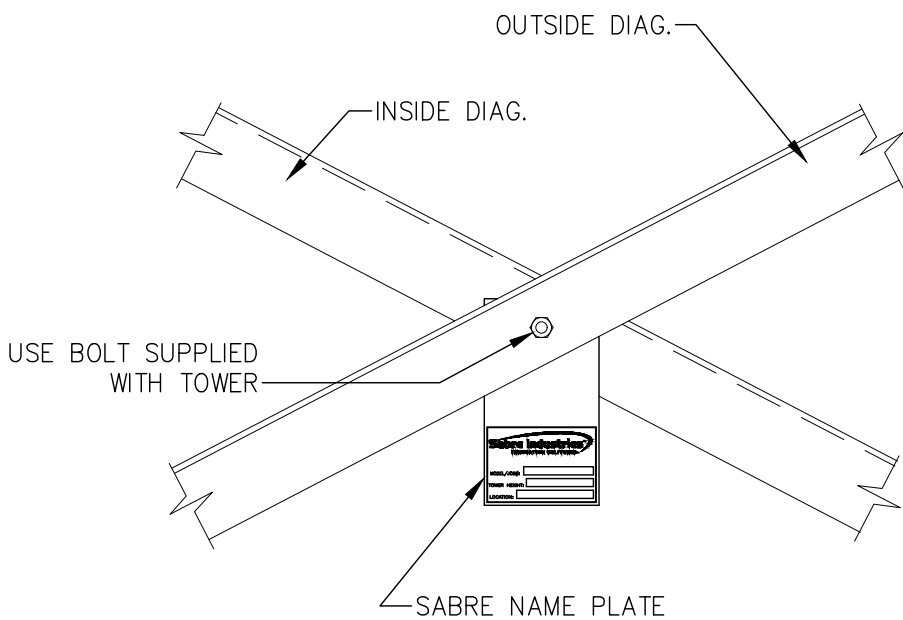
BOLT INSTALLATION DETAILS:

1. INSTALLATION OF BOLTS: BOLTS FOR TOWERS AND ANTENNAS SHALL BE INSTALLED WITH THE NUTS FACING TO THE OUTSIDE AND/OR TO THE TOP OF THE TOWER, UNLESS PROHIBITED BY LACK OF CLEARANCE.
2. TIGHTENING OF BOLTS: ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A SNUG–TIGHT CONDITION, AS DEFINED BY AISC.
3. NUT LOCKING DEVICE: ALL NUTS SHALL BE EQUIPPED WITH SOME TYPE OF NUT LOCKING DEVICE. SEE THE INDIVIDUAL DRAWINGS FOR THE TYPE OF NUT LOCKING DEVICE TO BE USED FOR EACH INDIVIDUAL APPLICATION.

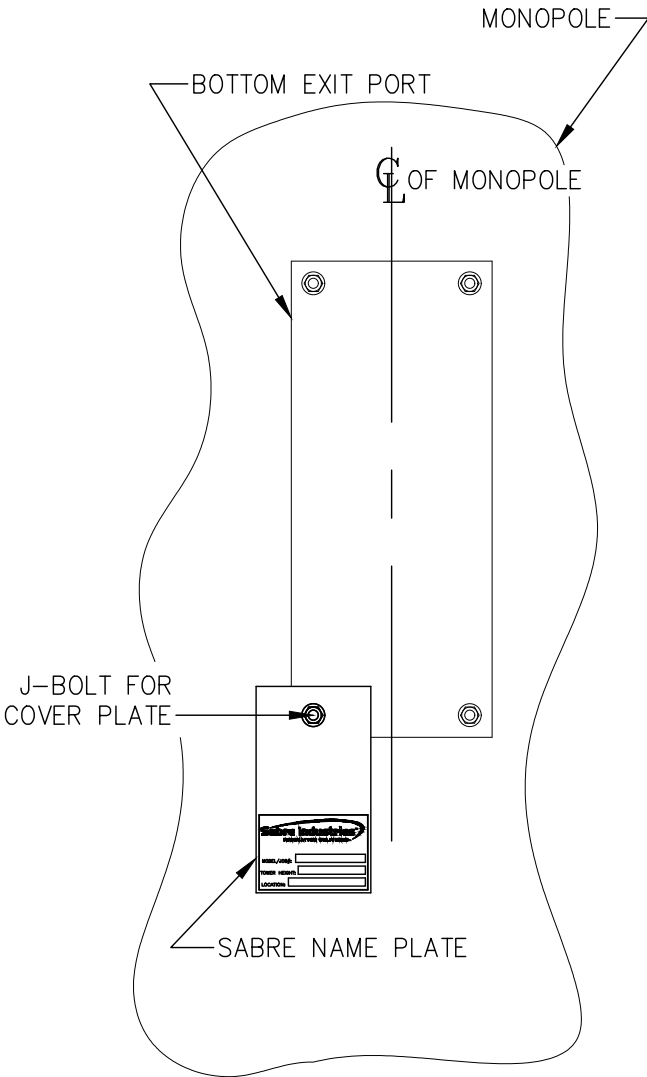
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										BOLT INSTALLATION DETAILS								
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL																		
					CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.																		
3	02/15/08	KLE	DLW	REVISED PER KEITH TINDALL												SIZE B	DRAWING NO. 9014671		REV 3				
2	03/04/04	PSB	ZAK	REDRAWN ONTO "B" SIZE TITLEBLOCK.										DATE						01/28/00			
1	03/06/01	JKW	PSB	REDRAWN IN AUTOCAD 2000i.										DRAWN BY		MJM				SCALE		PAGE	
REV	DATE	DRW	CHK	DESCRIPTION										CHECKED BY		KJT/DLW				None		1 OF 1	



TYPICAL FOR MODEL S3TL, S4TL, S3R & S4R
SELF-SUPPORTING TOWER
(K-BRACE)

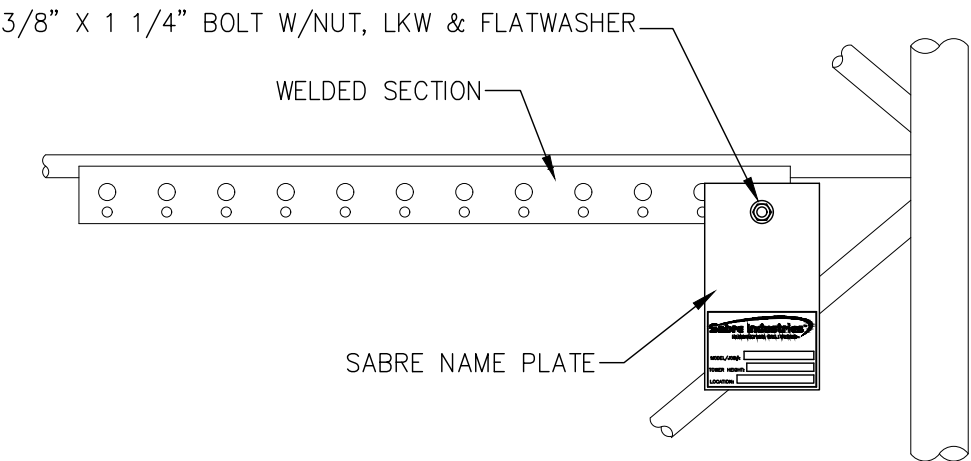


TYPICAL FOR MODEL S3TL, S4TL, S3R & S4R
SELF-SUPPORTING TOWER
(X-BRACE)

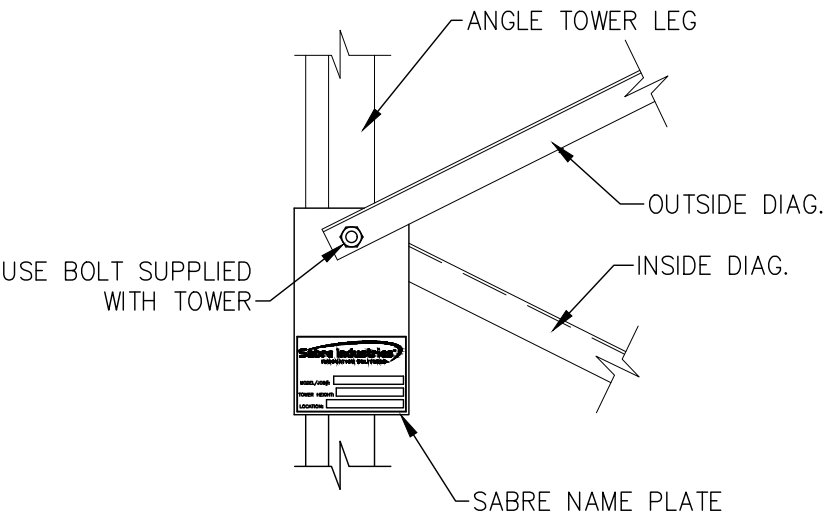


TYPICAL FOR MONOPOLE
STRUCTURE

NOTE:
NAME PLATE SHOULD BE MOUNTED AT
APPROXIMATELY EYE LEVEL WHEN POSSIBLE.



TYPICAL FOR MODEL 2400 / 3600 / 4400 / 4800 / 6000
WELDED GUYED TOWER



TYPICAL FOR MODEL 3000 / 3600 / 4800
ANGLE GUYED TOWER

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:	
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL	
7	05/25/21	FJM/DLW	UPDATED SABRE NAME PLATE LOGO		
6	8/18/11	DSN/KTW	ADDED 4800 & 6000 WELDED GUYED TOWER.		
5	3/30/04	MJM/ZAK	ADDED S4TL & S4R TO S.S. TOWER.		
4	11/11/02	PSB/RGF	ADDED 2400 WELDED GUYED TOWER.		
3	08/23/01	SMC/PSB	REVISED BOLT ON GUYED TOWER WAS 3/8 X 1"		
			REVISED MONOPOLE INSTALLATION.		
2	02/16/01	DEM/RGF	REDRAWN IN AUTOCAD 2000i		
1	04/16/97	DEM/RGF	REDRAWN WITH NEW TITLE BLOCK		
REV	DATE	DRW/CHK	DESCRIPTION		



Sabre Industries™
INNOVATION DELIVERED

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OPTIONAL MOUNTING INSTALLATION SABRE NAME PLATE					
		SIZE	DRAWING NO.	REV	
DATE		10/15/96	B	906956	7
DRAWN BY		DEM			PAGE
CHECKED BY		RGF			1 OF 1
			SCALE		
			None		

NOTICE

ALL PARTS ARE TO BE INVENTORIED AND ANY
SHORTAGES REPORTED WITHIN 48 HOURS OF DELIVERY
TO THE CONTRACTING ERECTOR.

SHORTAGES REPORTED AFTER THIS TIME PERIOD WILL
BE CHARGED TO THE CONTRACTOR.

CALL 712-258-6690

TO REACH THE SABRE CONTRACTS DEPARTMENT.



AVISO

Todas las partes serán inventariadas y los faltantes reportados
por el contratista dentro de las 48 horas a partir de la entrega.

Los faltantes reportados después de 48 horas serán cargados al contratista.

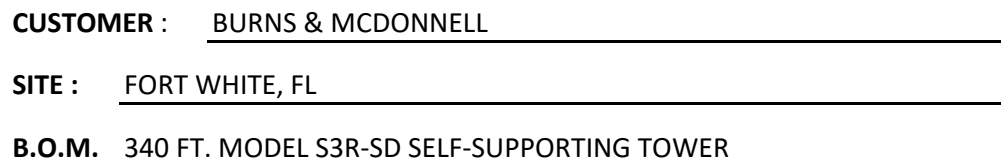
Para aclaraciones llame a:

Sabre-Departamento de Contrataciones

(001) 712 258-6690

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:				INVENTORY REQUIREMENT SHEET			
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"				TOLERANCES DO NOT APPLY TO RAW MATERIAL		CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Industries, Inc. ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2022 Sabre Industries, Inc. All rights reserved.					
3	03/04/04	PSB	ZAK	REDRAWN ONTO "B" SIZE TITLEBLOCK.							
2	02/25/02	CHH	RWM	ADDED SPANISH TEXT.							
1	02/27/01	CHH	CE	REDRAWN IN AUTOCAD 2000i & UPDATED VERBAGE.							
REV	DATE	DRW	CHK	DESCRIPTION							

		SIZE B	DRAWING NO. 907901		REV 3
DATE	05/12/97				
DRAWN BY	ZAK			SCALE None	PAGE 1 OF 1
CHECKED BY	JD				



PC=PIECE	OR=ORANGE
PLT=PALLET	WH=WHITE
BDL=BUNDLE	O/W=OR & WH
CRT=CRATE	N/R=NOT REQ'D
D=DRUM	SP=SPECIAL
BX=BOX	

PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					ANCHOR BOLTS AND TEMPLATES					
2	18	C40041062	0	C40041062	ANCHOR BOLT ASSEMBLY, 2 Ø X 8'-3 (F1554 GR 105)	1933				
3					W/(5) NUTS 2 HEAVY HEX (A563 DH)					
4					(2) FLATWASHERS 2 (F436)					
5	6	C30139212	0	C30139212	PLATE, A.B. TEMPLATE 2"Ø A.B. ON 13 1/2"Ø B.C.	122				
6					LEG TO LEG TEMPLATE MATERIAL					
7	1 KIT			C30400178	LEG TO LEG TEMPLATE KIT, 33'-0 BASE SPREAD	635				
8					(6) 2"Ø A.B. ON A 13 1/2"Ø B.C.					
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
						DATE 9/15/22 DRAWN BY GCK CHECKED BY KCG		JOB NO. 512004 PRINT NO. BOM-1 PAGE 1 OF 31		
REV	DATE	DRW	CHK	DESCRIPTION						



CUSTOMER : BURNS & MCDONNELL

SITE : FORT WHITE, FL

B.O.M. 340 FT. MODEL S3R-SD SELF-SUPPORTING TOWER

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PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER LEGS					
2	3	17-T1187189	0	17-T1187189	SECT. 17 LEG 6 1/4 Ø X 20'-0 5/16 W/STEP BOLTS	8058				
3	3	16-T1187191	0	16-T1187191	SECT. 16 LEG 6 Ø X 20'-0 5/16 W/STEP BOLTS	7779				
4	3	15-T1187193	0	15-T1187193	SECT. 15 LEG 5 3/4 Ø X 20'-0 5/16 W/STEP BOLTS	6808				
5	3	14-T1187195	0	14-T1187195	SECT. 14 LEG 5 1/2 Ø X 20'-0 5/16 W/STEP BOLTS	5972				
6	3	13-T1181643	0	13-T1181643	SECT. 13 LEG 5 1/4 Ø X 20'-0 5/16 W/STEP BOLTS	5529				
7	3	12-T1181543	0	12-T1181543	SECT. 12 LEG 5 1/4 Ø X 20'-0 5/16 W/STEP BOLTS	5529				
8	3	11-T1187197	0	11-T1187197	SECT. 11 LEG 5 1/4 Ø X 20'-0 W/STEP BOLTS	5367				
9	3	10-T1181449	0	10-T1181449	SECT. 10 LEG 5 1/4 Ø X 20'-0 5/16 W/STEP BOLTS	5351				
10	3	09-T1181101	0	09-T1181101	SECT. 9 LEG 5 1/4 Ø X 20'-0 5/16 W/STEP BOLTS	5322				
11	3	08-T1187199	0	08-T1187199	SECT. 8 LEG 4 Ø X 20'-0 5/16 W/STEP BOLTS	3236				
12	3	07-T1181025	0	07-T1181025	SECT. 7 LEG 3 3/4 Ø X 20'-0 5/16 W/STEP BOLTS	2780				
13	3	06-T1181021	0	06-T1181021	SECT. 6 LEG 3 1/2 Ø X 20'-0 5/16 W/STEP BOLTS	2401				
14	3	05-T1186821	0	05-T1186821	SECT. 5 LEG 3 Ø X 20'-0 5/16 W/STEP BOLTS	1780				
15	3	04-T1180919	0	04-T1180919	SECT. 4 LEG 2 3/4 Ø X 20'-0 5/16 W/STEP BOLTS	1538				
16	3	03-T1180815	0	03-T1180815	SECT. 3 LEG 2 1/4 Ø X 20'-0 5/16 W/STEP BOLTS	1064				
17	3	02-T1180707	0	02-T1180707	SECT. 2 LEG 2 Ø X 20'-0 5/16 W/STEP BOLTS	875				
18	3	01-T1186559	0	01-T1186559	SECT. 1 LEG 1 3/4 Ø X 20'-0 5/16 W/STEP BOLTS	726				
19										
20										
REV	DATE	DRW	CHK	DESCRIPTION		DATE	9/21/22	JOB NO.	512004	
						DRAWN BY	KMP	PRINT NO.	BOM-1	
						CHECKED BY	ZAK	PAGE	2 OF 31	



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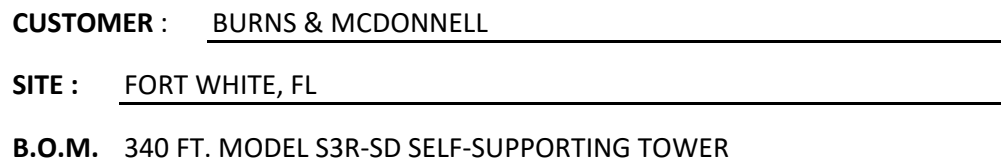
SITE : FORT WHITE, FL

B.O.M. 340 FT. MODEL S3R-SD SELF-SUPPORTING TOWER

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PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING					
2	1 KIT				BRACING #17-T8301986 SECTION 17	5509				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	3	3816045	1	3816045	ANGLE, DIAGONAL 6 X 4 X 3/8 X 17'-5	668				
5	3	3816046	1	3816046	ANGLE, DIAGONAL 6 X 4 X 3/8 X 17'-5	668				
6	3	3816047	1	3816047	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-8 1/2	641				
7	3	3816048	1	3816048	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-8 1/2	641				
8	3	3816049	1	3816049	ANGLE, HORIZONTAL 5 X 5 X 5/16 X 31'-3 3/4	1006				
9	6	3820443	0	3820443	ANGLE, SUB-DIAGONAL 3 1/2 X 3 X 1/4 X 8'-2 3/4	277				
10	6	3820444	0	3820444	ANGLE, SUB-DIAGONAL 3 1/2 X 3 X 1/4 X 8'-6 5/8	288				
11	6	3820445	0	3820445	ANGLE, SUB-HORIZONTAL 3 X 3 X 5/16 X 7'-1 13/16	272				
12	6	3820446	0	3820446	ANGLE, SUB-HORIZONTAL 3 X 3 X 5/16 X 7'-2 3/8	274				
13	3	3816054	0	3816054	PLATE, CENTER TIE 1/2 X 19 3/16 X 2'-5 3/4	253				
14	6	3816055	0	3816055	PLATE, BOTTOM TIE 1/2 X 10 X 1'-4 3/8	119				
15	6	3816056	0	3816056	PLATE, TOP TIE 1/2 X 10 X 1'-3 3/4	113				
16	3	TS00507	1	TS00507	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49				
17	3	3816057	1	3816057	ANGLE, INTERNAL 3 X 3 X 1/4 X 15'-8	240				
18					SPLICE BOLTS TOP OF SECTION 17					
19	24			C40025043	BOLT ASSEMBLY, 2 Ø X 9 1/2 A449	370				
20										
REV	DATE	DRW	CHK	DESCRIPTION		DATE	9/21/22	JOB NO.	512004	
						DRAWN BY	KMP	PRINT NO.	BOM-1	
						CHECKED BY	ZAK	PAGE	3 OF 31	



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					DATE	9/21/22	JOB NO.	512004
					DRAWN BY	KMP	PRINT NO.	BOM-1
REV	DATE	DRW	CHK	DESCRIPTION	CHECKED BY	ZAK	PAGE	4 OF 31



CUSTOMER : BURNS & MCDONNELL

SITE : FORT WHITE, FL

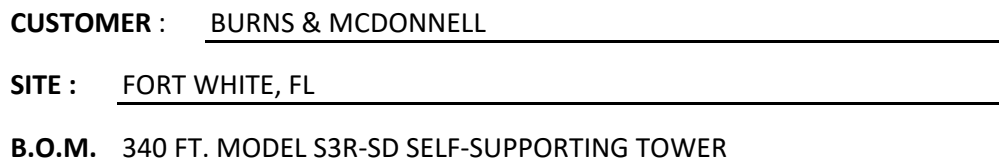
B.O.M. 340 FT. MODEL S3R-SD SELF-SUPPORTING TOWER

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PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #16-T8302125 SECTION 16	5061				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	3	3817312	1	3817312	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-8 5/8	641				
5	3	3817313	1	3817313	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-8 5/8	641				
6	3	3817314	1	3817314	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-0 1/4	615				
7	3	3817315	1	3817315	ANGLE, DIAGONAL 6 X 4 X 3/8 X 16'-0 1/4	615				
8	3	3820662	0	3820662	ANGLE, HORIZONTAL 4 X 4 X 3/8 X 29'-6 3/4	904				
9	6	3817316	1	3817316	ANGLE, SUB-DIAGONAL 3 X 3 X 1/4 X 7'-10 7/16	241				
10	6	3817317	1	3817317	ANGLE, SUB-DIAGONAL 3 X 3 X 1/4 X 8'-2 1/4	250				
11	6	3820663	0	3820663	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 6'-9 3/16	207				
12	6	3820664	0	3820664	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 6'-9 11/16	208				
13	3	3816066	0	3816066	PLATE, CENTER TIE 1/2 X 19 3/16 X 2'-4 3/4	241				
14	6	3816067	0	3816067	PLATE, BOTTOM TIE 1/2 X 10 X 1'-3 9/16	114				
15	6	3816068	0	3816068	PLATE, TOP TIE 1/2 X 10 X 1'-2 15/16	109				
16	3	TS00507	1	TS00507	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49				
17	3	3816069	1	3816069	ANGLE, INTERNAL 3 X 3 X 1/4 X 14'-9 1/2	226				
18					SPLICE BOLTS TOP OF SECTION 16					
19	24			C40025043	BOLT ASSEMBLY, 2 Ø X 9 1/2 A449 3 1/2" THRD	370				
20										
REV	DATE	DRW	CHK	DESCRIPTION		DATE <u>9/21/22</u>		JOB NO. <u>512004</u>		
						DRAWN BY <u>KMP</u>		PRINT NO. <u>BOM-1</u>		
						CHECKED BY <u>ZAK</u>		PAGE <u>5 OF 31</u>		



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PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				HARDWARE #TK00573 SECTION 16	207				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	7			C40026060	BOLT ASSEMBLY, 7/8 Ø X 2 3/4 A325	8				
5	107			C40026059	BOLT ASSEMBLY, 7/8 Ø X 2 1/2 A325	111				
6	88			C40026058	BOLT ASSEMBLY, 7/8 Ø X 2 1/4 A325	88				
7										
8										
9										
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						DATE	9/21/22	JOB NO.	512004	
						DRAWN BY	KMP	PRINT NO.	BOM-1	
						CHECKED BY	ZAK	PAGE	6 OF 31	
REV	DATE	DRW	CHK	DESCRIPTION						



CUSTOMER : BURNS & MCDONNELL

SITE : FORT WHITE, FL

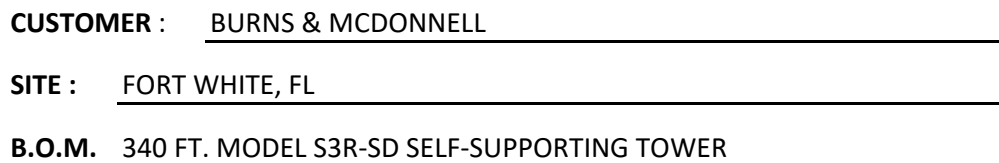
B.O.M. 340 FT. MODEL S3R-SD SELF-SUPPORTING TOWER

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PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #15-T8302124 SECTION 15	5338				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	3	3819477	1	3819477	ANGLE, DIAGONAL 6 X 4 X 1/2 X 16'-0 1/4	810				
5	3	3819478	1	3819478	ANGLE, DIAGONAL 6 X 4 X 1/2 X 16'-0 1/4	810				
6	3	3819479	1	3819479	ANGLE, DIAGONAL 6 X 4 X 1/2 X 15'-3 15/16	775				
7	3	3819480	1	3819480	ANGLE, DIAGONAL 6 X 4 X 1/2 X 15'-3 15/16	775				
8	3	3817838	1	3817838	ANGLE, HORIZONTAL 4 X 4 X 5/16 X 27'-9 3/4	712				
9	6	3817839	1	3817839	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 7'-6 3/16	174				
10	6	3817840	1	3817840	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 7'-9 15/16	181				
11	6	3818002	1	3818002	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 6'-4 1/2	194				
12	6	3818003	1	3818003	ANGLE, SUB-HORIZONTAL 3 X 3 X 1/4 X 6'-5	196				
13	3	3816081	0	3816081	PLATE, CENTER TIE 1/2 X 19 1/2 X 2'-3 1/8	234				
14	6	3816082	0	3816082	PLATE, BOTTOM TIE 1/2 X 10 X 1'-2 3/4	110				
15	6	3816083	0	3816083	PLATE, TOP TIE 1/2 X 10 X 1'-2 1/16	105				
16	3	TS00507	1	TS00507	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49				
17	3	3816084	1	3816084	ANGLE, INTERNAL 3 X 3 X 1/4 X 13'-11	213				
18					SPLICE BOLTS TOP OF SECTION 15					
19	25			C40026167	BOLT ASSEMBLY, 1 1/2 Ø X 7 1/2 A325	165				
20										
REV	DATE	DRW	CHK	DESCRIPTION		DATE		JOB NO.	512004	
						DRAWN BY		PRINT NO.	BOM-1	
						CHECKED BY		PAGE	7 OF 31	



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ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.		
		NUMBER	REV									
1					TOWER BRACING CONT'D							
2	1 KIT				HARDWARE #TK00683 SECTION 15	203						
3					CONSISTING OF THE MATERIAL LISTED BELOW							
4	7			C40026060	BOLT ASSEMBLY, 7/8 Ø X 2 3/4 A325	8						
5	195			C40026058	BOLT ASSEMBLY, 7/8 Ø X 2 1/4 A325	195						
6												
7												
8												
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									DRAWN BY	KMP	PRINT NO.	BOM-1
									CHECKED BY	ZAK	PAGE	8 OF 31
REV	DATE	DRW	CHK	DESCRIPTION								



CUSTOMER : BURNS & MCDONNELL

SITE : FORT WHITE, FL

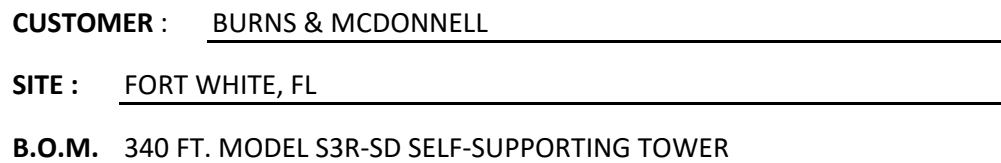
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		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #14-T8302126 SECTION 14	3906				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	3	3819929	1	3819929	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 15'-4 3/16	498				
5	3	3819930	1	3819930	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 15'-4 3/16	498				
6	3	3819931	1	3819931	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-8	476				
7	3	3819932	1	3819932	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-8	476				
8	3	3820486	0	3820486	ANGLE, HORIZONTAL 4 X 4 X 5/16 X 26'-0 3/4	667				
9	6	3820665	0	3820665	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 7'-2	166				
10	6	3820666	0	3820666	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 7'-5 11/16	173				
11	6	3820667	0	3820667	ANGLE, SUB-HORIZONTAL 3 X 3 X 3/16 X 5'-11 13/16	139				
12	6	3820668	0	3820668	ANGLE, SUB-HORIZONTAL 3 X 3 X 3/16 X 6'-0 5/16	140				
13	3	3815335	0	3815335	PLATE, CENTER TIE 1/2 X 19 1/2 X 2'-1 5/8	218				
14	6	3815336	0	3815336	PLATE, BRACING TIE 1/2 X 10 X 1'-1 7/8	106				
15	6	3815337	0	3815337	PLATE, BRACING TIE 1/2 X 10 X 1'-1 1/4	100				
16	3	TS00507	1	TS00507	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49				
17	3	3815347	1	3815347	ANGLE, INTERNAL BRACE 3 X 3 X 1/4 X 13'-0 1/2	200				
18					SPLICE BOLTS TOP OF SECTION 14					
19	25			C40026167	BOLT ASSEMBLY, 1 1/2 Ø X 7 1/2 A325	165				
20										
REV	DATE	DRW	CHK	DESCRIPTION		DATE	9/21/22	JOB NO.	512004	
						DRAWN BY	KMP	PRINT NO.	BOM-1	
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PC=PIECE	OR=ORANGE
PLT=PALLET	WH=WHITE
BDL=BUNDLE	O/W=OR & WH
CRT=CRATE	N/R=NOT REQ'D
D=DRUM	SP=SPECIAL
BX=BOX	

PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				HARDWARE #TK00574 SECTION 14	207				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	7			C40026060	BOLT ASSEMBLY, 7/8 Ø X 2 3/4 A325	8				
5	88			C40026059	BOLT ASSEMBLY, 7/8 Ø X 2 1/2 A325	92				
6	107			C40026058	BOLT ASSEMBLY, 7/8 Ø X 2 1/4 A325	107				
7										
8										
9										
10										
11										
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						DATE	9/21/22	JOB NO.	512004	
						DRAWN BY	KMP	PRINT NO.	BOM-1	
						CHECKED BY	ZAK	PAGE	10 OF 31	
REV	DATE	DRW	CHK	DESCRIPTION						



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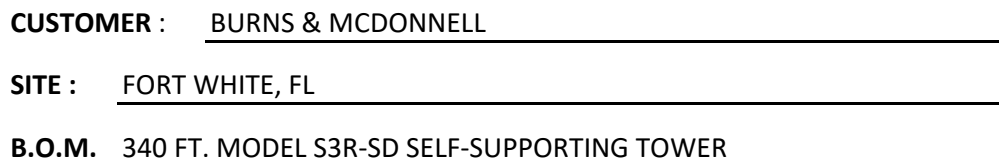
B.O.M. 340 FT. MODEL S3R-SD SELF-SUPPORTING TOWER

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ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #13-T8300734 SECTION 13	3452				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	3	3815296	2	3815296	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-9 3/4	481				
5	3	3815297	2	3815297	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-9 3/4	481				
6	3	3815298	2	3815298	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-1 13/16	459				
7	3	3815299	2	3815299	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-1 13/16	459				
8	3	3815125	1	3815125	ANGLE, HORIZONTAL 4 X 3 1/2 X 1/4 X 24'-3 3/4	470				
9	6	3815062	0	3815062	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 6'-10 7/16	159				
10	6	3815063	0	3815063	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 7'-2 1/16	166				
11	6	3815486	1	3815486	ANGLE, SUB-HORIZONTAL 3 X 3 X 3/16 X 5'-7 15/16	131				
12	6	3815487	1	3815487	ANGLE, SUB-HORIZONTAL 3 X 3 X 3/16 X 5'-8 3/8	131				
13	3	3815066	0	3815066	PLATE, CENTER TIE 1/2 X 17 1/4 X 1'-9 3/8	163				
14	6	3815067	0	3815067	PLATE, BOTTOM TIE 1/2 X 9 X 0'-11 13/16	83				
15	6	3815068	0	3815068	PLATE, TOP TIE 1/2 X 9 X 0'-11 1/4	79				
16	3	TS00397	1	TS00397	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49				
17	3	3815108	1	3815108	ANGLE, INTERNAL 3 X 3 X 3/16 X 12'-2	141				
18					SPLICE BOLTS TOP OF SECTION 13					
19	25			C40026167	BOLT ASSEMBLY, 1 1/2 Ø X 7 1/2 A325	165				
20										
REV	DATE	DRW	CHK	DESCRIPTION		DATE		JOB NO.	512004	
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						CHECKED BY		PAGE	11 OF 31	



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PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				HARDWARE #TK00344 SECTION 13	146				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	7			C40026045	BOLT ASSEMBLY, 3/4 Ø X 2 1/2 A325	5				
5	107			C40026044	BOLT ASSEMBLY, 3/4 Ø X 2 1/4 A325	79				
6	88			C40026043	BOLT ASSEMBLY, 3/4 Ø X 2 A325	62				
7										
8										
9										
10										
11										
12										
13										
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						DATE	9/21/22	JOB NO.	512004	
						DRAWN BY	KMP	PRINT NO.	BOM-1	
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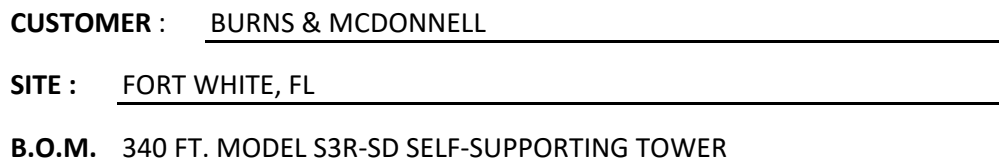
B.O.M. 340 FT. MODEL S3R-SD SELF-SUPPORTING TOWER

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PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #12-T8300735 SECTION 12	3280				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	3	3815301	2	3815301	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-1 15/16	460				
5	3	3815302	2	3815302	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 14'-1 15/16	460				
6	3	3815303	2	3815303	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 13'-6 1/4	439				
7	3	3815304	2	3815304	ANGLE, DIAGONAL 5 X 3 1/2 X 3/8 X 13'-6 1/4	439				
8	3	3815488	1	3815488	ANGLE, HORIZONTAL 4 X 3 1/2 X 1/4 X 22'-6 3/4	437				
9	6	3815075	1	3815075	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 6'-6 3/8	151				
10	6	3815076	0	3815076	ANGLE, SUB-DIAGONAL 3 X 3 X 3/16 X 6'-9 15/16	158				
11	6	3815489	1	3815489	ANGLE, SUB-HORIZONTAL 3 X 3 X 3/16 X 5'-3 3/16	122				
12	6	3815490	1	3815490	ANGLE, SUB-HORIZONTAL 3 X 3 X 3/16 X 5'-3 5/8	123				
13	3	3815079	1	3815079	PLATE, CENTER TIE 1/2 X 17 7/16 X 1'-8 1/8	155				
14	6	3815080	0	3815080	PLATE, BOTTOM TIE 1/2 X 9 X 0'-11 1/16	80				
15	6	3815081	0	3815081	PLATE, TOP TIE 1/2 X 9 X 0'-10 1/2	76				
16	3	TS00397	1	TS00397	ANGLE, SUPPORT 6 X 4 X 3/8 X 1'-3 1/4	49				
17	3	3815128	1	3815128	ANGLE, INTERNAL 3 X 3 X 3/16 X 11'-3 1/2	131				
18					SPLICE BOLTS TOP OF SECTION 12					
19	25			C40026167	BOLT ASSEMBLY, 1 1/2 Ø X 7 1/2 A325	165				
20										
REV	DATE	DRW	CHK	DESCRIPTION		DATE	9/21/22	JOB NO.	512004	
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PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				HARDWARE #TK00344 SECTION 12	146				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	7			C40026045	BOLT ASSEMBLY, 3/4 Ø X 2 1/2 A325	5				
5	107			C40026044	BOLT ASSEMBLY, 3/4 Ø X 2 1/4 A325	79				
6	88			C40026043	BOLT ASSEMBLY, 3/4 Ø X 2 A325	62				
7										
8										
9										
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ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #11-T8300785 SECTION 11	6533				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	6	TS04042	1	TS04042	ANGLE, DIAGONAL 5 X 5 X 1/2 X 22'-0 9/16	2229				
5	6	TS04043	1	TS04043	ANGLE, DIAGONAL 5 X 5 X 1/2 X 21'-6 1/2	2178				
6	6	TS04044	1	TS04044	ANGLE, DIAGONAL 5 X 5 X 1/2 X 21'-0 7/16	2126				
7					SPLICE BOLTS TOP OF SECTION 11					
8	25			C40026167	BOLT ASSEMBLY, 1 1/2 Ø X 7 1/2 A325	165				
9	1 KIT				HARDWARE #TK00361 SECTION 11	84				
10					CONSISTING OF THE MATERIAL LISTED BELOW					
11	10			C40026074	BOLT ASSEMBLY, 1 Ø X 3 1/4 A325	18				
12	38			C40026072	BOLT ASSEMBLY, 1 Ø X 2 3/4 A325	65				
13	10			C40047010	RINGFILL, 1/2 THICK - 1 Ø BOLT	1				
14										
15										
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					DATE	<u>9/21/22</u>	JOB NO.	<u>512004</u>
					DRAWN BY	<u>KMP</u>	PRINT NO.	<u>BOM-1</u>
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B.O.M. 340 FT. MODEL S3R-SD SELF-SUPPORTING TOWER

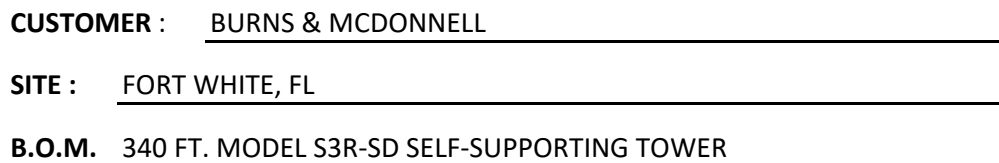
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ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #10-T8302127 SECTION 10	4758				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	6	TS10773	0	TS10773	ANGLE, DIAGONAL 4 X 4 X 1/2 X 20'-4 5/16	1626				
5	6	TS10774	0	TS10774	ANGLE, DIAGONAL 4 X 4 X 1/2 X 19'-10 5/16	1586				
6	6	TS10775	0	TS10775	ANGLE, DIAGONAL 4 X 4 X 1/2 X 19'-4 5/16	1546				
7					SPLICE BOLTS TOP OF SECTION 10					
8	25			C40026167	BOLT ASSEMBLY, 1 1/2 Ø X 7 1/2 A325	165				
9	1 KIT				HARDWARE #TK00320 SECTION 10	53				
10					CONSISTING OF THE MATERIAL LISTED BELOW					
11	10			C40026061	BOLT ASSEMBLY, 7/8 Ø X 3 A325	11				
12	38			C40026059	BOLT ASSEMBLY, 7/8 Ø X 2 1/2 A325	40				
13	10			C40047011	RINGFILL, 1/2 THICK - 7/8 Ø BOLT	2				
14										
15										
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					DATE	<u>9/21/22</u>	JOB NO.	<u>512004</u>
					DRAWN BY	<u>KMP</u>	PRINT NO.	<u>BOM-1</u>
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ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #08-T8300083 SECTION 08	1815				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	6	TS02620	1	TS02620	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 17'-2 3/4	623				
5	6	TS02621	1	TS02621	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 16'-8 9/16	605				
6	6	TS02622	1	TS02622	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 16'-2 1/2	587				
7					SPLICE BOLTS TOP OF SECTION 08					
8	19			C40026094	BOLT ASSEMBLY, 1 1/4 Ø X 5 1/2 A325	69				
9	1 KIT				HARDWARE #TK00261 SECTION 08	38				
10					CONSISTING OF THE MATERIAL LISTED BELOW					
11	10			C40026045	BOLT ASSEMBLY, 3/4 Ø X 2 1/2 A325	8				
12	38			C40026044	BOLT ASSEMBLY, 3/4 Ø X 2 1/4 A325	28				
13	10			C40047009	RINGFILL, 1/2 THICK - 3/4 Ø BOLT	2				
14										
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					DATE	<u>9/21/22</u>	JOB NO.	<u>512004</u>
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ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #07-T8300072 SECTION 07	1647				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	6	TS02587	1	TS02587	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 15'-8 1/16	567				
5	6	TS02588	1	TS02588	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 15'-2 1/16	549				
6	6	TS02589	1	TS02589	ANGLE, DIAGONAL 3 1/2 X 3 1/2 X 1/4 X 14'-8	531				
7					SPLICE BOLTS TOP OF SECTION 07					
8	19			C40026094	BOLT ASSEMBLY, 1 1/4 Ø X 5 1/2 A325	69				
9	1 KIT				HARDWARE #TK00261 SECTION 07	38				
10					CONSISTING OF THE MATERIAL LISTED BELOW					
11	10			C40026045	BOLT ASSEMBLY, 3/4 Ø X 2 1/2 A325	8				
12	38			C40026044	BOLT ASSEMBLY, 3/4 Ø X 2 1/4 A325	28				
13	10			C40047009	RINGFILL, 1/2 THICK - 3/4 Ø BOLT	2				
14										
15										
16										
17										
18										
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REV	DATE	DRW	CHK	DESCRIPTION		DATE	9/21/22	JOB NO.	512004	
						DRAWN BY	KMP	PRINT NO.	BOM-1	
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ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #06-T8300064 SECTION 06	943				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	6	TS02563	1	TS02563	ANGLE, DIAGONAL 3 X 3 X 3/16 X 14'-0 7/8	326				
5	6	TS02564	1	TS02564	ANGLE, DIAGONAL 3 X 3 X 3/16 X 13'-6 15/16	314				
6	6	TS02565	1	TS02565	ANGLE, DIAGONAL 3 X 3 X 3/16 X 13'-1 1/16	303				
7					SPLICE BOLTS TOP OF SECTION 06					
8	19			C40026079	BOLT ASSEMBLY, 1 Ø X 4 1/2 A325	43				
9	1 KIT				HARDWARE #TK00260 SECTION 06	36				
10					CONSISTING OF THE MATERIAL LISTED BELOW					
11	10			C40026044	BOLT ASSEMBLY, 3/4 Ø X 2 1/4 A325	7				
12	38			C40026043	BOLT ASSEMBLY, 3/4 Ø X 2 A325	27				
13	10			C40047009	RINGFILL, 1/2 THICK - 3/4 Ø BOLT	2				
14										
15										
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REV	DATE	DRW	CHK	DESCRIPTION		DATE	9/21/22	JOB NO.	512004	
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ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #05-T8300059 SECTION 05	870				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	6	TS02545	1	TS02545	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 11'-10 15/16	229				
5	6	TS02546	1	TS02546	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 11'-6 1/4	221				
6	6	TS02547	1	TS02547	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 11'-1 5/8	214				
7	6	TS02548	1	TS02548	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 10'-9	206				
8					SPLICE BOLTS TOP OF SECTION 05					
9	19			C40026078	BOLT ASSEMBLY, 1 Ø X 4 1/4 A325	41				
10	1 KIT				HARDWARE #TK00194 SECTION 05	30				
11					CONSISTING OF THE MATERIAL LISTED BELOW					
12	13			C40026023	BOLT ASSEMBLY, 5/8 Ø X 2 A325	6				
13	50			C40026022	BOLT ASSEMBLY, 5/8 Ø X 1 3/4 A325	22				
14	13			C40047003	RINGFILL, 3/8 THICK - 5/8 Ø BOLT	2				
15										
16										
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					DATE	<u>9/21/22</u>	JOB NO.	<u>512004</u>
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REV	DATE	DRW	CHK	DESCRIPTION				



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B.O.M. 340 FT. MODEL S3R-SD SELF-SUPPORTING TOWER

PC=PIECE	OR=ORANGE
PLT=PALLET	WH=WHITE
BDL=BUNDLE	O/W=OR & WH
CRT=CRATE	N/R=NOT REQ'D
D=DRUM	SP=SPECIAL
BX=BOX	

PACKING

ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #04-T8300053 SECTION 04	746				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	6	TS02521	1	TS02521	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 10'-3 11/16	197				
5	6	TS02522	1	TS02522	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 9'-11 3/16	190				
6	6	TS02523	1	TS02523	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 9'-6 11/16	183				
7	6	TS02524	1	TS02524	ANGLE, DIAGONAL 2 1/2 X 2 1/2 X 3/16 X 9'-2 1/4	176				
8					SPLICE BOLTS TOP OF SECTION 04					
9	19			C40026077	BOLT ASSEMBLY, 1 Ø X 4 A325	39				
10	1 KIT				HARDWARE #TK00194 SECTION 04	30				
11					CONSISTING OF THE MATERIAL LISTED BELOW					
12	13			C40026023	BOLT ASSEMBLY, 5/8 Ø X 2 A325	6				
13	50			C40026022	BOLT ASSEMBLY, 5/8 Ø X 1 3/4 A325	22				
14	13			C40047003	RINGFILL, 3/8 THICK - 5/8 Ø BOLT	2				
15										
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		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #03-T8300045 SECTION 03	343				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	6	TS02489	1	TS02489	ANGLE, DIAGONAL 2 X 2 X 1/8 X 8'-10 1/2	91				
5	6	TS02490	1	TS02490	ANGLE, DIAGONAL 2 X 2 X 1/8 X 8'-6 1/8	88				
6	6	TS02491	1	TS02491	ANGLE, DIAGONAL 2 X 2 X 1/8 X 8'-1 7/8	84				
7	6	TS02492	1	TS02492	ANGLE, DIAGONAL 2 X 2 X 1/8 X 7'-9 11/16	80				
8					SPLICE BOLTS TOP OF SECTION 03					
9	13			C40026048	BOLT ASSEMBLY, 3/4 Ø X 3 1/4 A325	11				
10	1 KIT				HARDWARE #TK00194 SECTION 03	30				
11					CONSISTING OF THE MATERIAL LISTED BELOW					
12	13			C40026023	BOLT ASSEMBLY, 5/8 Ø X 2 A325	6				
13	50			C40026022	BOLT ASSEMBLY, 5/8 Ø X 1 3/4 A325	22				
14	13			C40047003	RINGFILL, 3/8 THICK - 5/8 Ø BOLT	2				
15										
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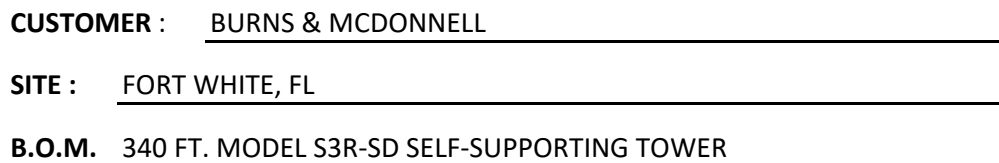
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		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #02-T8300037 SECTION 02	305				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	6	TS02457	1	TS02457	ANGLE, DIAGONAL 2 X 2 X 1/8 X 7'-4 1/8	76				
5	6	TS02458	1	TS02458	ANGLE, DIAGONAL 2 X 2 X 1/8 X 7'-0 1/8	73				
6	6	TS02459	1	TS02459	ANGLE, DIAGONAL 2 X 2 X 1/8 X 6'-8 3/16	68				
7	6	TS02460	1	TS02460	ANGLE, DIAGONAL 2 X 2 X 1/8 X 6'-4 7/16	65				
8	3	TS02449	1	TS02449	ANGLE, HORIZONTAL 2 X 2 X 1/8 X 4'-5 5/8	23				
9					SPLICE BOLTS TOP OF SECTION 02					
10	13			C40026047	BOLT ASSEMBLY, 3/4 Ø X 3 A325	11				
11	1 KIT				HARDWARE #TK00134 SECTION 02	33				
12					CONSISTING OF THE MATERIAL LISTED BELOW					
13	13			C40026023	BOLT ASSEMBLY, 5/8 Ø X 2 A325	6				
14	57			C40026022	BOLT ASSEMBLY, 5/8 Ø X 1 3/4 A325	25				
15	13			C40047003	RINGFILL, 3/8 THICK - 5/8 Ø BOLT	2				
16										
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ITEM NO.	NO. REQ'D.	DRAWING		PART NO.	DESCRIPTION	TOTAL WEIGHT LBS.	PAINT	KIT	QTY OF PKG'S	PKG. NO.
		NUMBER	REV							
1					TOWER BRACING CONT'D					
2	1 KIT				BRACING #01-T8300029 SECTION 01-20	280				
3					CONSISTING OF THE MATERIAL LISTED BELOW					
4	24	TS02441	1	TS02441	ANGLE, DIAGONAL 2 X 2 X 1/8 X 6'-2 3/4	257				
5	3	TS02409	1	TS02409	ANGLE, HORIZONTAL 2 X 2 X 1/8 X 4'-5 3/4	23				
6	1 KIT				HARDWARE #TK00134 SECTION 01-20	33				
7					CONSISTING OF THE MATERIAL LISTED BELOW					
8	13			C40026023	BOLT ASSEMBLY, 5/8 Ø X 2 A325	6				
9	57			C40026022	BOLT ASSEMBLY, 5/8 Ø X 1 3/4 A325	25				
10	13			C40047003	RINGFILL, 3/8 THICK - 5/8 Ø BOLT	2				
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		NUMBER	REV									
1					SAFETY CLIMB							
2	4 KITS			C30012607	350 FT. TUF TUG STAINLESS STEEL SAFETY CLIMB MATERIAL	508						
3												
4												
5												
6												
7												
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		NUMBER	REV							
1					CLIMBING LADDER					
2	16	CW00031	2	CW00031	WELDMENT, 20 FT. CLIMBING LADDER 12" - 5/8" RUNG	1195				
3	1	CW01494	0	CW01494	WELDMENT, 20 FT. CLIMBING LADDER 12" - 3/4" RUNG	84				
4	34	CS00037	2	CS00037	PLATE, LADDER SPLICE	14				
5	38	CS00261	1	CS00261	PIPE, LADDER MOUNT	828				
6	78	CS00241	1	CS00241	CLIP, LADDER ATTACHMENT	51				
7	10	CS00169	2	CS00169	CLIP, LADDER ATTACHMENT	6				
8	2	CS00242	1	CS00242	ANGLE, LADDER BASE SUPPORT	15				
9					CLIMBING LADDER HARDWARE					
10	7			C40039003	J-BOLT ASSEMBLY, 3/8" Ø X 9 I.L.	3				
11	56			C40039002	J-BOLT ASSEMBLY, 3/8 Ø X 7 1/4 I.L.	20				
12	180			C40039001	J-BOLT ASSEMBLY, 3/8 Ø X 5 3/4 I.L.	54				
13	70			C40024004	BOLT ASSEMBLY, 3/8 Ø X 1 1/2 GRD 5	7				
14	821			C40044017	STEP BOLT ASSEMBLY, 5/8 Ø X 7 H.D.G.	821				
15					SAFETY CLIMB MATERIAL					
16	3 KITS			C30011053	SAFETY CLIMB BOTTOM MOUNT (6 1/4"Ø)	66				
17	3 KITS			C30011019	SAFETY CLIMB TOP MOUNT (1 3/4"Ø)	77				
18	48 KITS			C30003001	SAFETY CLIMB INTERMEDIATE MOUNT	101				
19										
20										
REV	DATE	DRW	CHK	DESCRIPTION		DATE <u>12/9/22</u>		JOB NO. <u>512004</u>		
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B.O.M. 340 FT. MODEL S3R-SD SELF-SUPPORTING TOWER

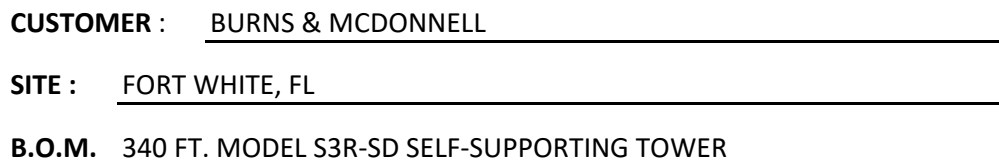
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		NUMBER	REV							
1					WAVEGUIDE LADDER (WG1)					
2	34	CS03589	0	CS03589	ANGLE, WAVEGUIDE LADDER RAIL 20 FT. W/3 FT. RUNG SPC	1020				
3	119	CS00413	0	CS00413	ANGLE, WAVEGUIDE SUPPORT (15 HOLE)	547				
4	34	CS00037	2	CS00037	PLATE, LADDER SPLICE	14				
5	38	CS00171	2	CS00171	CLIP, LADDER ATTACHMENT	27				
6	8	CS00170	2	CS00170	CLIP, LADDER ATTACHMENT	6				
7	54	CS00169	2	CS00169	CLIP, LADDER ATTACHMENT	30				
8					WAVEGUIDE LADDER HARDWARE (WG1)					
9	38			C40039009	J-BOLT ASSEMBLY, 3/8 Ø X 9 I.L.	16				
10	8			C40039003	J-BOLT ASSEMBLY, 3/8" Ø X 9 I.L.	3				
11	32			C40039002	J-BOLT ASSEMBLY, 3/8 Ø X 7 1/4 I.L.	12				
12	22			C40039001	J-BOLT ASSEMBLY, 3/8 Ø X 5 3/4 I.L.	7				
13	320			C40024004	BOLT ASSEMBLY, 3/8 Ø X 1 1/2 GRD 5	32				
14										
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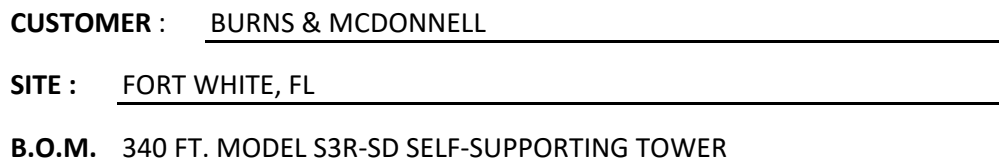
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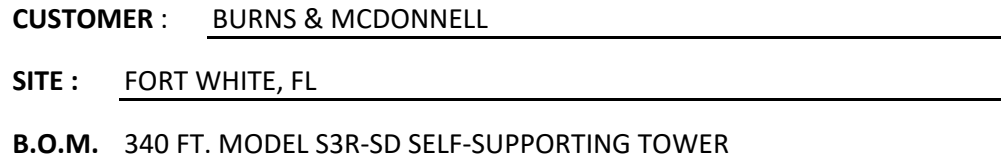
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		NUMBER	REV							
1					WAVEGUIDE LADDER (WG3)					
2	24	CS03589	0	CS03589	ANGLE, WAVEGUIDE LADDER RAIL 20 FT. W/3 FT. RUNG SPC	720				
3	2	CS03591	0	CS03591	ANGLE, WAVEGUIDE LADDER RAIL 5 FT. W/3 FT. RUNG SPC	15				
4	86	CS00413	0	CS00413	ANGLE, WAVEGUIDE SUPPORT (15 HOLE)	396				
5	26	CS00037	2	CS00037	PLATE, LADDER SPLICE	10				
6	38	CS00171	2	CS00171	CLIP, LADDER ATTACHMENT	27				
7	8	CS00170	2	CS00170	CLIP, LADDER ATTACHMENT	6				
8	36	CS00169	2	CS00169	CLIP, LADDER ATTACHMENT	20				
9					WAVEGUIDE LADDER HARDWARE (WG3)					
10	38			C40039009	J-BOLT ASSEMBLY, 3/8 Ø X 9 I.L.	16				
11	8			C40039003	J-BOLT ASSEMBLY, 3/8" Ø X 9 I.L.	3				
12	32			C40039002	J-BOLT ASSEMBLY, 3/8 Ø X 7 1/4 I.L.	12				
13	4			C40039001	J-BOLT ASSEMBLY, 3/8 Ø X 5 3/4 I.L.	1				
14	235			C40024004	BOLT ASSEMBLY, 3/8 Ø X 1 1/2 GRD 5	24				
15										
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