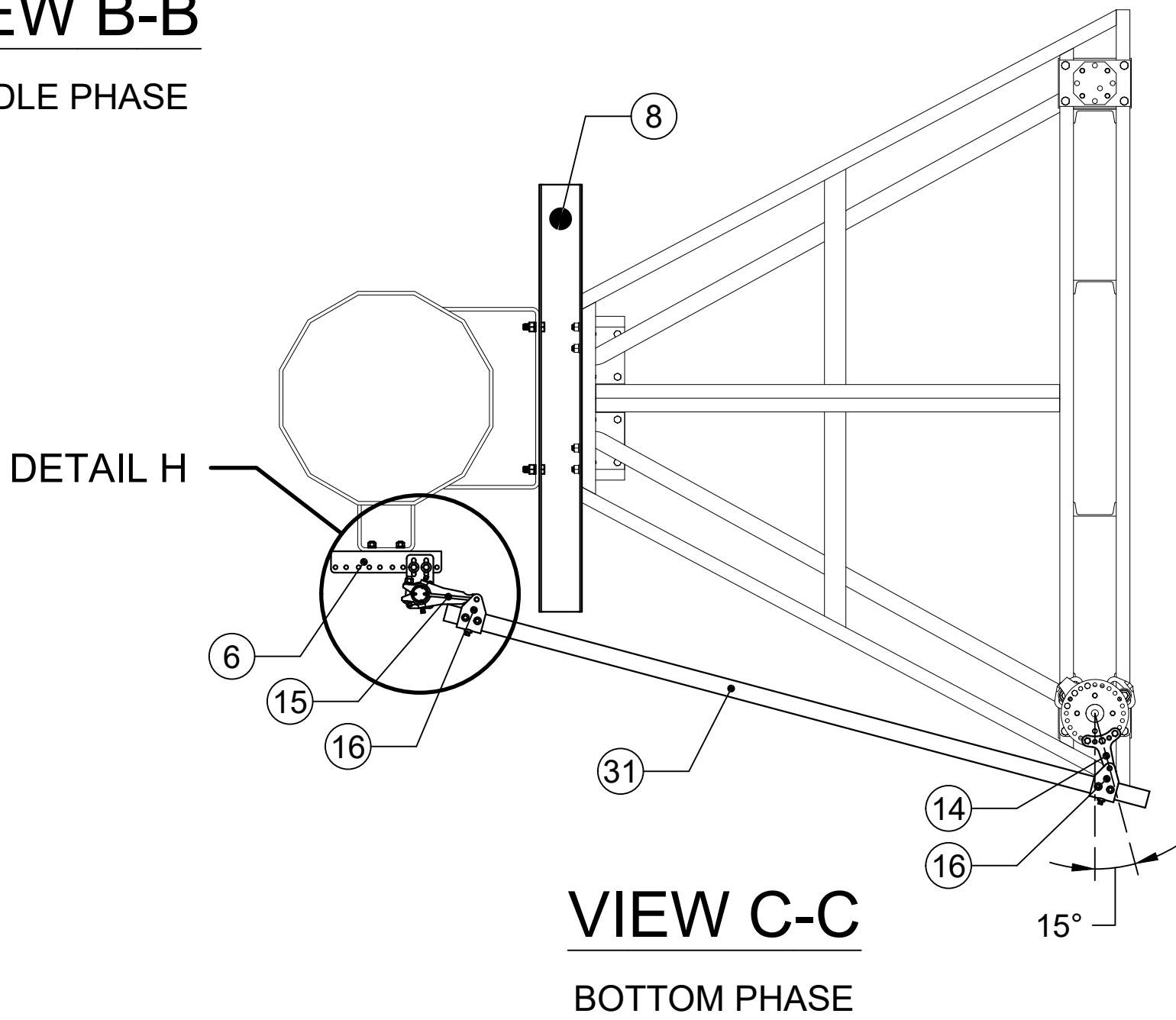
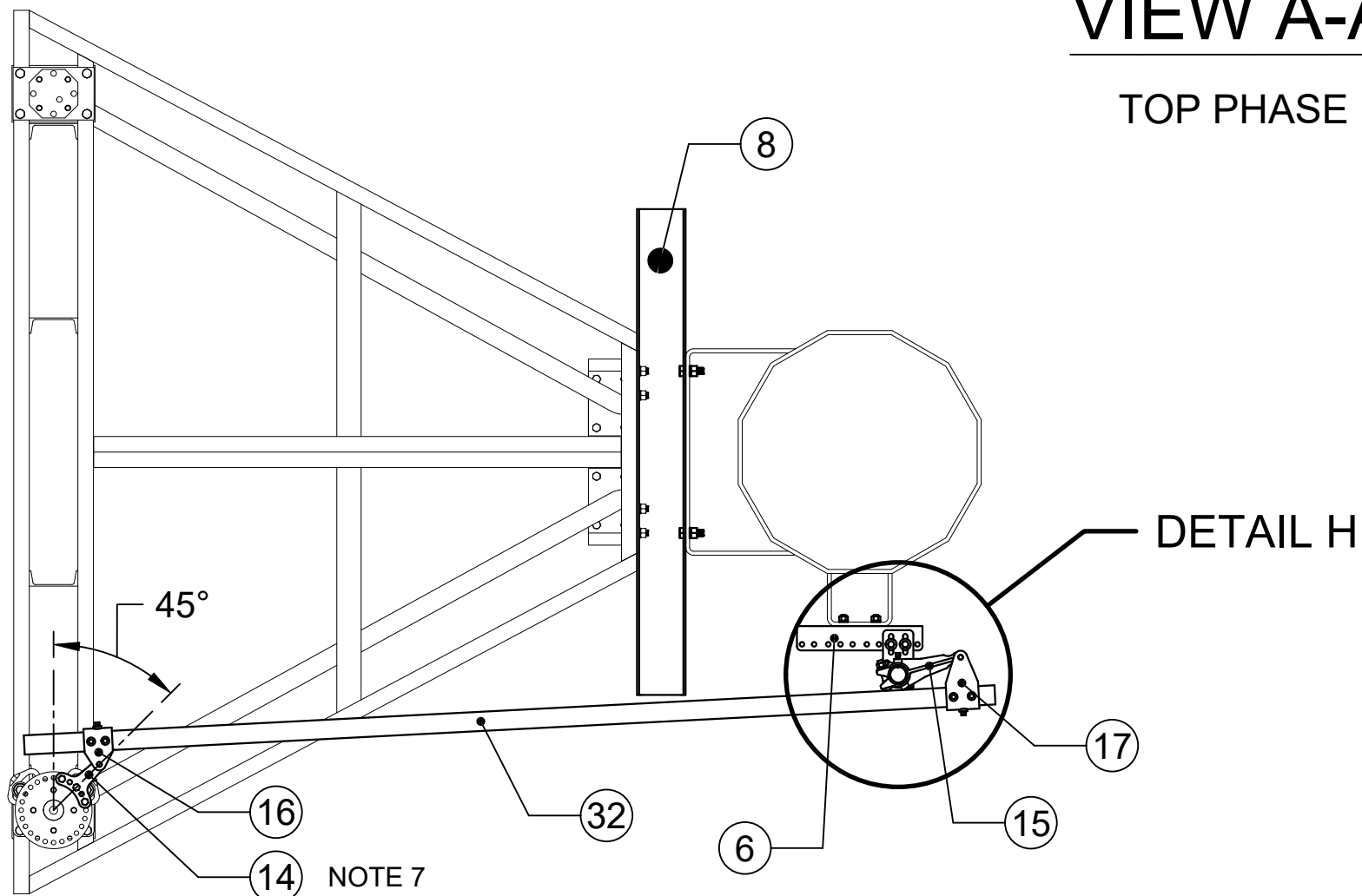
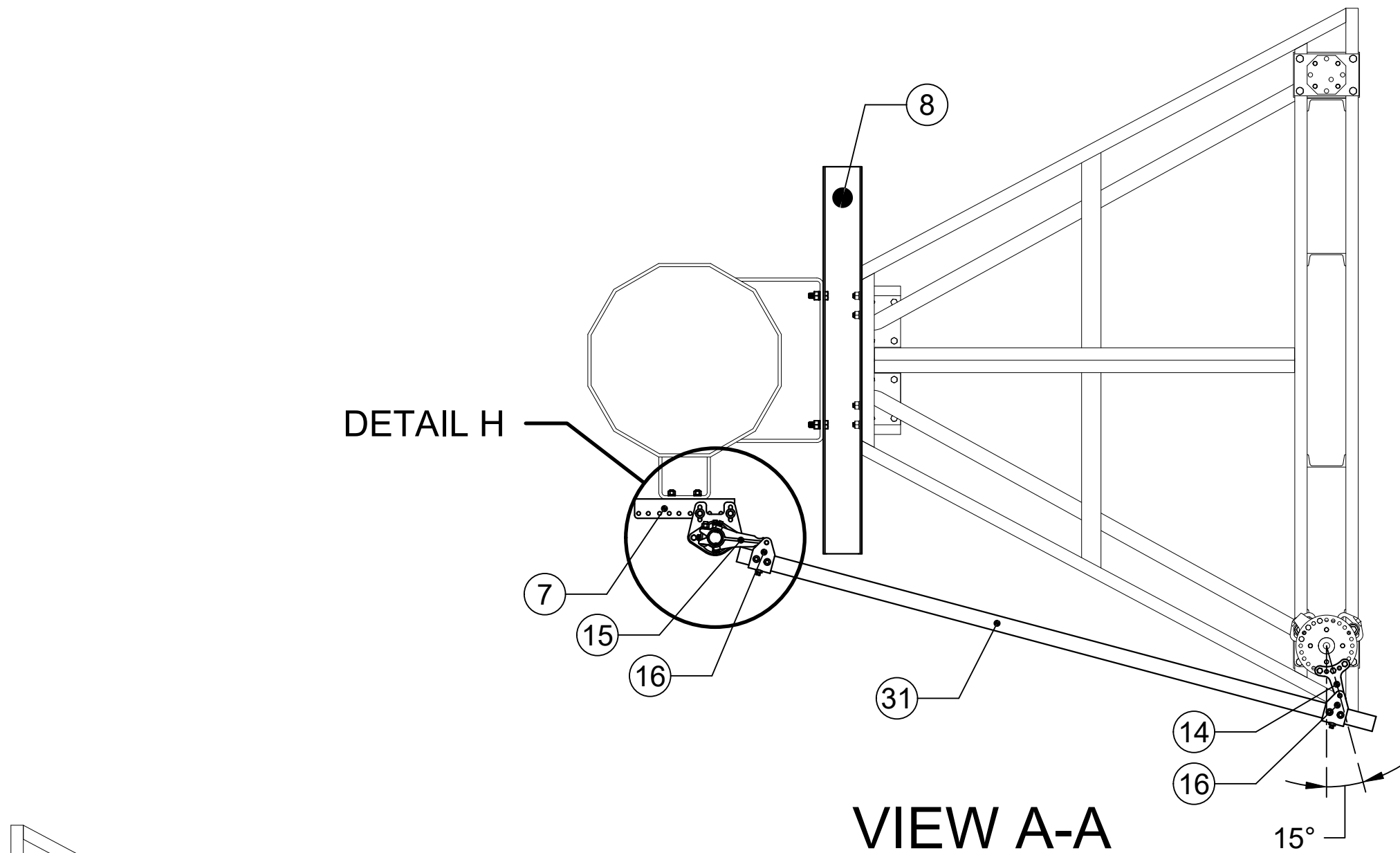
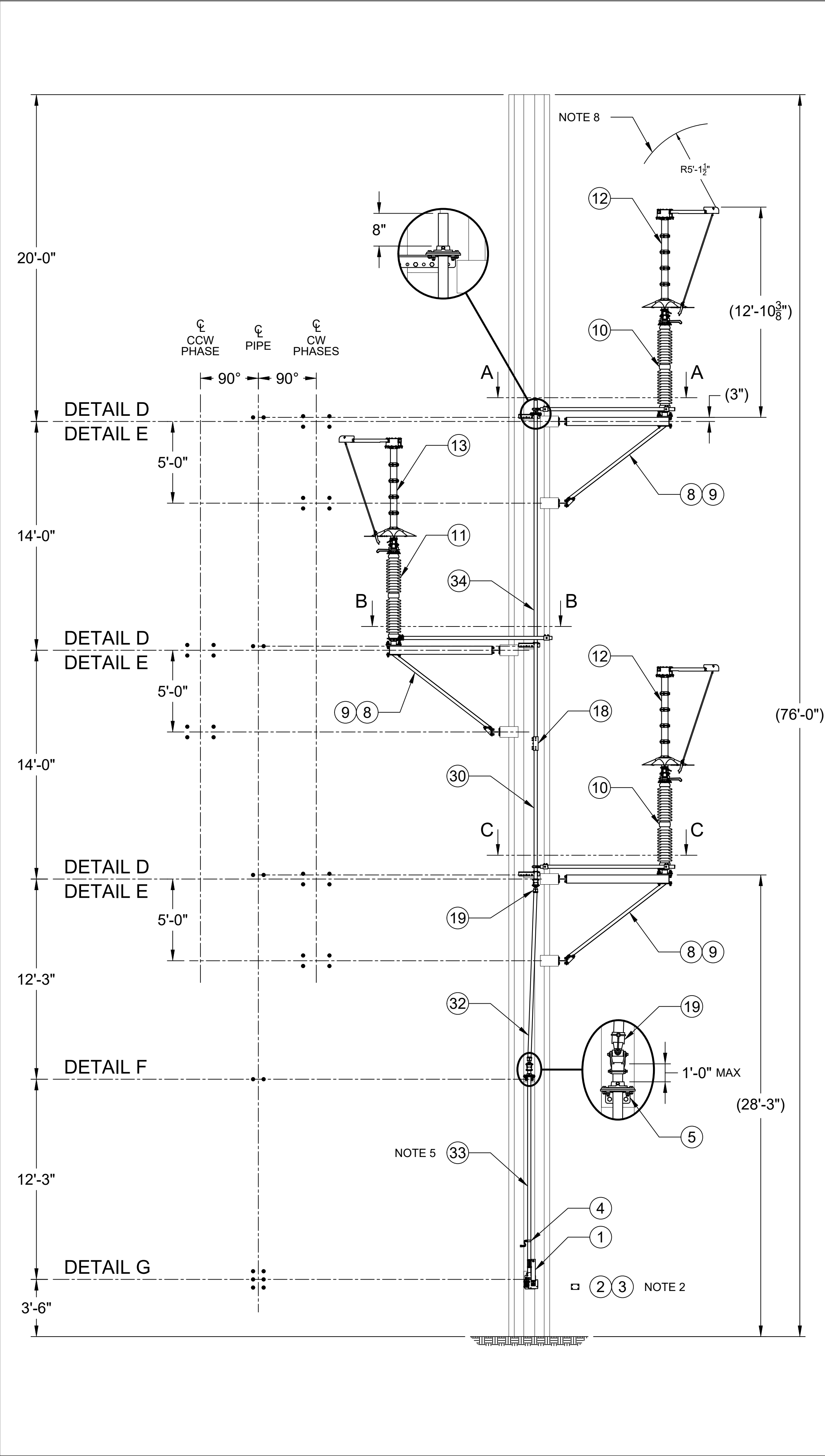




BILL OF MATERIALS

ITEM	PART NUMBER	QTY.	DESCRIPTION
1	V817-7571	1	WORM GEAR OPERATOR, (30:1), FLAT BACK, CH
2	NP-22	1	SWITCH NAME PLATE
3	56655	4	DRIVE SCREW, TYPE "U", #6 x 1/4" LG., SS
4	92432	1	GROUND STRAP ASS'Y., 2" IPS, 25" SHUNT
5	V803-6725	1	OUTBOARD BEARING & BRACKET ASS'Y., 4" MTG., 5 1/2"-7" ADJ.
6	V819-3827	2	GUIDE BEARING & BKT. ASS'Y., 4" MTG., 5 1/2"-7" ADJ., 8 3/4" OFFSET
7	V819-3825	1	OUTBOARD BEARING & BKT. ASS'Y., 4" MTG., 5 1/2"-7" ADJ., 8 3/4" OFFSET
8	W809-1705	6	6" WF @ 15 #/ft. x 5'-0" LG, A36 (FRAME SPACER)
9	V819-0536	3	FRAME ASS'Y., 161kV, 1-WAY, 5'-0" MTG.
10	1W16112-075	2	SINGLE PHASE 1-WAY 161kV, 1200A, CW
11	0W16112-075	1	SINGLE PHASE 1-WAY 161kV, 1200A, CCW
12	E806-0338	2	MONORUPTR® KIT, 6-BOTTLE, 2000A, 1-WAY, CW
13	E806-0143	1	MONORUPTR® KIT, 6-BOTTLE, 2000A, 1-WAY, CCW
14	92045	3	LEVER ASS'Y., UNIVERSAL
15	92418	3	CRANK ASS'Y., 2" IPS, R = 8"
16	V819-7061	5	SHAFT FITTING ASS'Y., 2" IPS
17	V819-7062	1	LONG CLEVIS ASS'Y., 2" IPS
18	92902	1	RIGID COUPLER ASS'Y., 2" IPS
19	92899	2	UNIVERSAL COUPLER ASS'Y., 2" IPS
30	140778	1	PIPE, SCH. 80, 2" x 8'-6" LG., GS
31	88289	2	PIPE, SCH. 80, 2" x 9'-6" LG., GS
32	88291	2	PIPE, SCH. 80, 2" x 10'-6" LG., GS
33	88300	1	PIPE, SCH. 80, 2" x 15'-0" LG., GS
34	W809-5858	1	PIPE, SCH. 80, 2" x 21'-0" LG., GS
40	V806-6321	3	HARDWARE PACKAGE, HHMB, 8 x 3/4"-10 x 2 1/2" LG., A325

40 BILL OF MATERIALS

PART NUMBER V806-6321, HARDWARE PACKAGE			
ITEM	PART NUMBER	QTY.	DESCRIPTION
41	N0307	8	HHMB, 3/4"-10 x 2 1/2" LG., GS, A325
42	58331	8	LOCK WASHER, 3/4", GS
43	N0120	8	HEX NUT, 3/4"-10, A194, GS

OPTIONS

ITEM	PART NUMBER	QTY.	DESCRIPTION
100	TR-291	6	PORCELAIN INSULATOR, GREY STATION POST, 750kV BIL
101	PRE-ASSEMBLY	-	SINGLE PHASES ARE SHIPPED ASSEMBLED
102	TIN DIP	-	TERMINAL PADS ARE DIPPED IN TIN
103	SILVER DIP	-	BLADE ENDS ARE COATED IN SILVER
104	II-002-1	1	INSTRUCTIONS, PHASE-OVER-PHASE GOABS
105	II-002-DELTA	1	INSTRUCTIONS, PHASE-OVER-PHASE GOABS, DELTA PHASE
106	II-007-1	1	INSTRUCTIONS, MULTI-BOTTLE, 0M/1M, 2M, 3M
107	II-007-1-HP	1	INSTRUCTIONS, HI-POT TESTING
108	II-017-1	1	INSTRUCTIONS, WORM GEAR OPERATOR

Notes

- Switch and controls are shown in the closed position.
- Attach one name plate to each switch frame/base and one on or near the control so that it can be read by the switch operator.
- A waterproof packet with drawings and installation instructions is included with material shipped in the closed control component crate. The packet is marked "DRAWINGS ENCLOSED."
- Quality contact sealing paste is recommended between switch terminal pads and terminal connectors. (Paste by customer)
- The control pipe may be cut to a shorter length as required in the field. Paint cut ends of pipe with a cold galvanizing compound.
- Items 100+ are included but not called out on the drawing.
- Lever position may be moved to 30deg if needed to ensure proper operation.
- Recommended ground clearance at 750kV BIL per IEEE Standard.

REV.	DATE	REVISIONS	DRAWN BY	CHECKED BY	APPR'D BY	CONTROL MECHANISM		SHT. NO.
						161kV, 1200A, 1-WAY, TYPE "G" GOAB W/ 6-BOTTLE MONORUPTRS, STAGGERED, MOUNTED ON A STEEL POLE W/ BRACKETS		
			BMS	JEG	JEG			1
			4/19/2024	4/19/2024	4/19/2024			2
SEE CO			Southern Electrical Equipment Co.		SCALE	DRAWING NO.		
			Charlotte, North Carolina		NTS	D-T816-2566		



DETAIL E

DETAIL F

The top drawing is a side view of the mounting bracket. It features a large octagonal plate at the top, a central mounting body, and a threaded rod with a nut at the bottom. Dimensions include a 1/2" gap between the plate and the body, a 6" height for the octagonal plate, and a 6" height for the mounting body. A callout '1' points to the threaded rod.

The bottom drawing shows the bracket installed into a wall. The wall is represented by a grid of vertical and horizontal lines. The bracket is centered within a 6" MIN FLAT opening. The mounting body is 4" high and 4" wide. The threaded rod is labeled with a diameter of $\varnothing 11/16$. A reference line 'REF' is shown at the bottom of the mounting body. The total height of the mounting assembly is 1'-0".

DETAIL G

TOP & BOTTOM PHASES

16 17 31

TO OPEN

2"

MIDDLE PHASE

16 18 32

TO OPEN

2" MIN

CARRIAGE BOLT HEAD FACING PIPE

REMOVE SET SCREW

DETAIL H

CRANK ORIENTATION DETAIL
INSTALL COMPONENTS IN THE CLOSED POSITION AS SHOWN.
DO NOT PIERCE SET SCREWS UNTIL SWITCH ADJUSTMENT
IS FINALIZED.

REV.	DATE	BY	REVISIONS	DRAWN BY	CHECKED BY	APPR'D BY	CONTROL MECHANISM		SHT. NO.	
				BMS	JEG	JEG	161kV, 1200A, 1-WAY, TYPE "G" GOAB		2	
				DRAWN ON	CHECKED ON	APPR'D ON	W/ 6-BOTTLE MONORUPTRS, STAGGERED, MOUNTED ON A STEEL POLE W/ BRACKETS		TTL. SHT.	
				4/19/2024	4/19/2024	4/19/2024			2	
							Southern Electrical Equipment Co. Charlotte, North Carolina		SCALE NTS	DRAWING NO. D-T816-2566