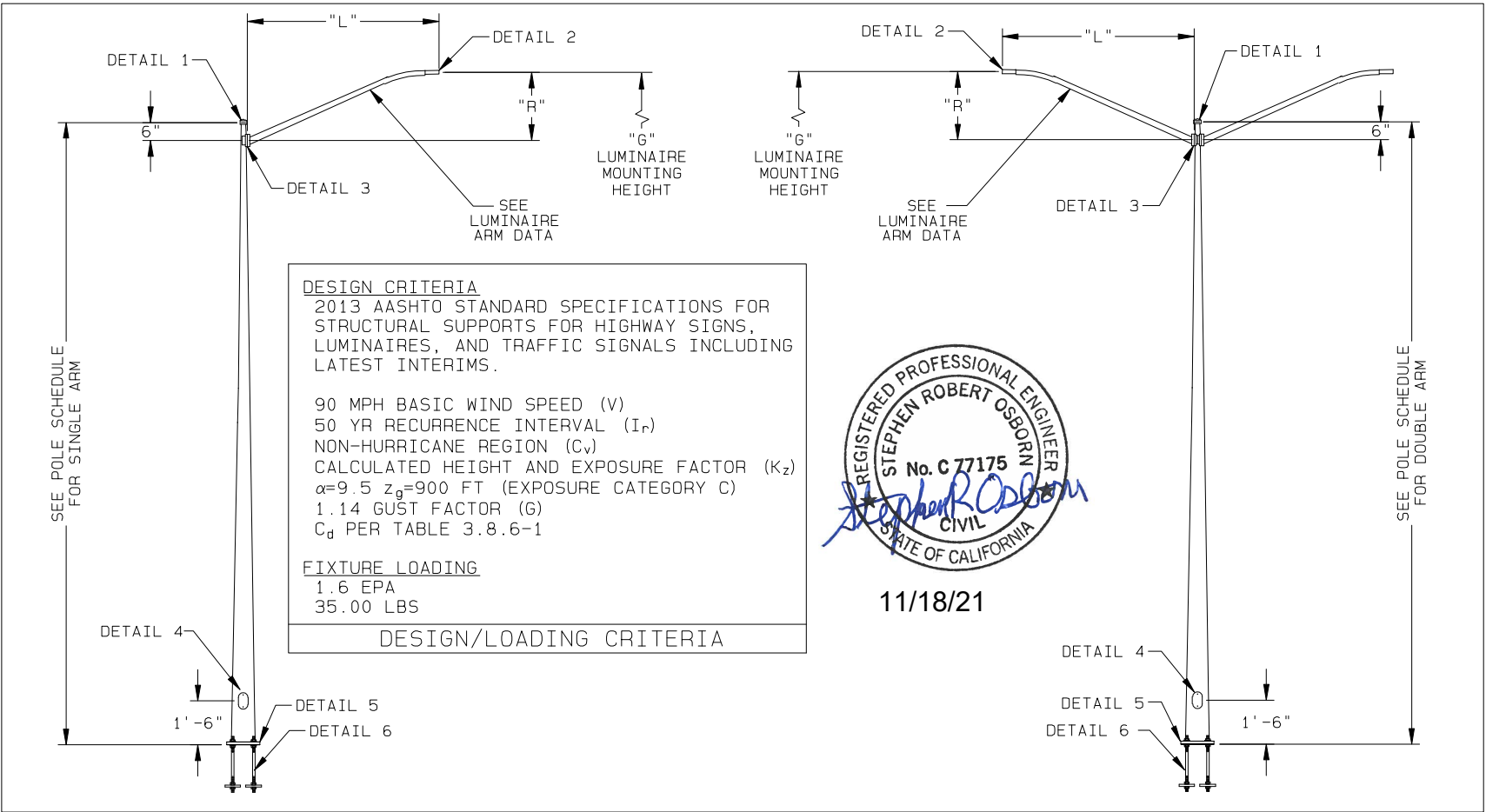
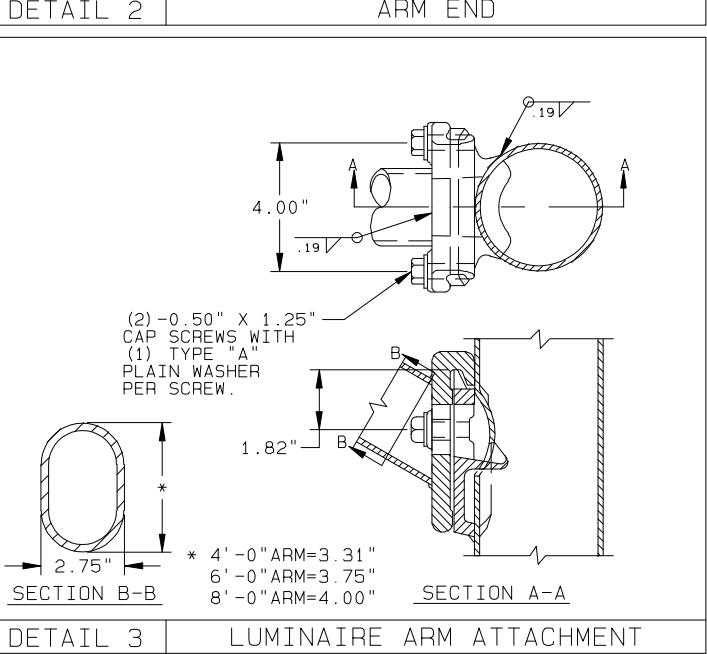
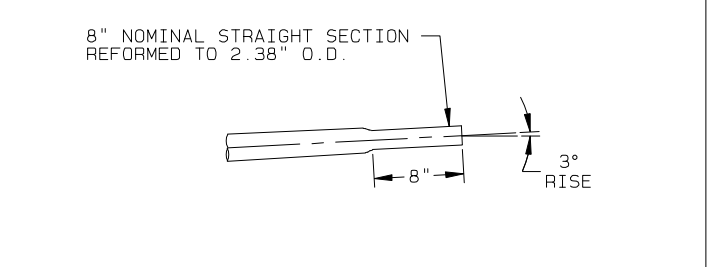
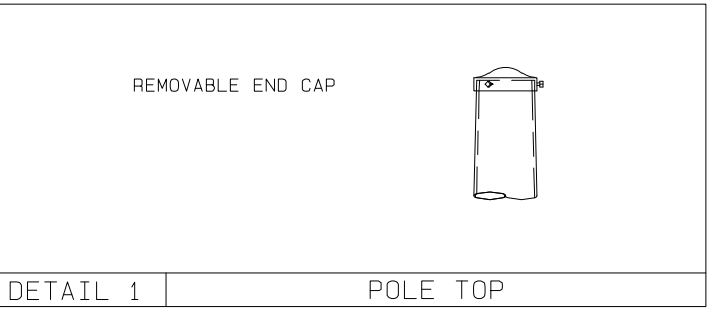


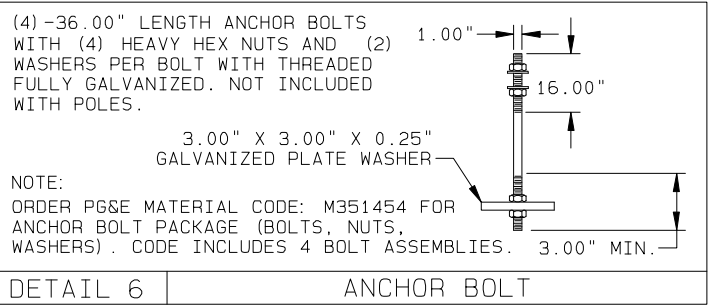
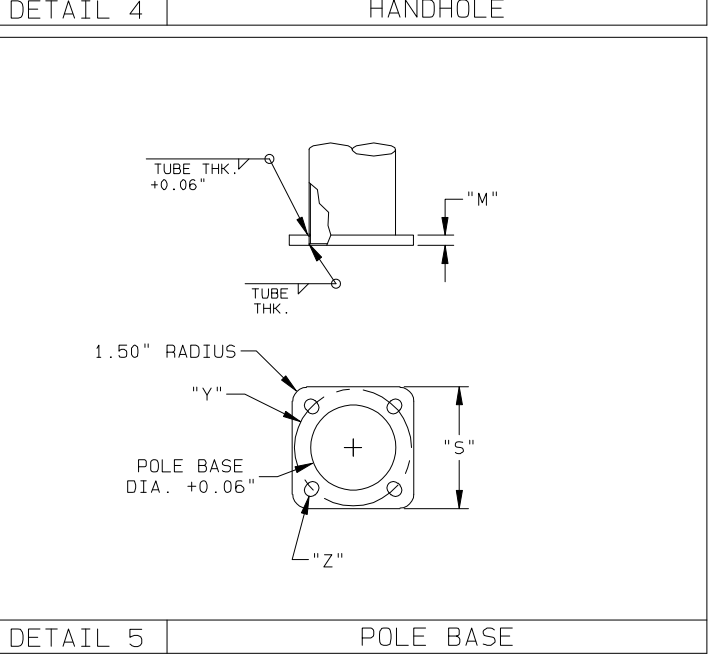
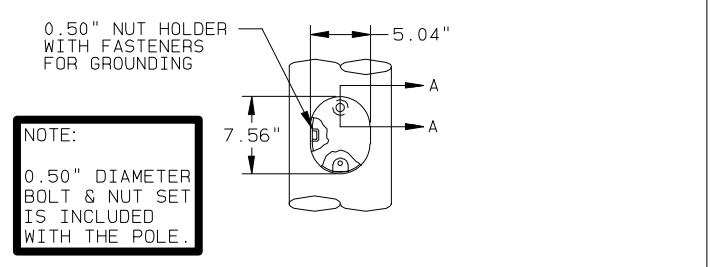
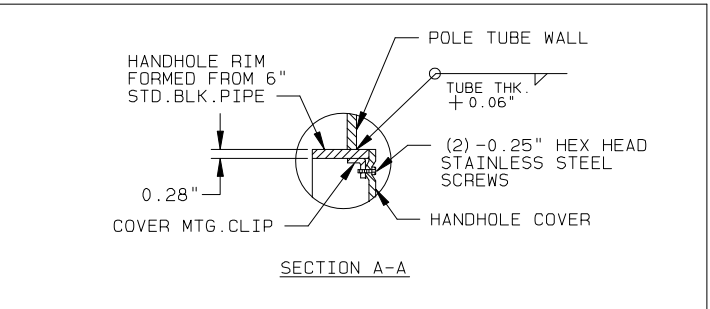
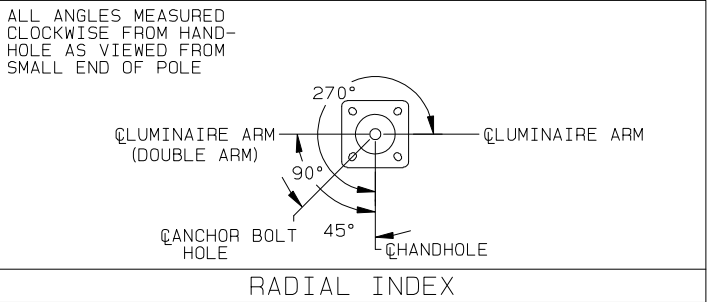


PG & E POLE SCHEDULE-BASE MOUNTED-SINGLE ARM														
PG & E CODE	POLE DESCRIPTION	POLE TUBE				POLE BASE					LUMINAIRE ARM			MOUNTING HEIGHT "G" (FT)
		BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	GAUGE OR THK. (IN)	SQUARE "S" (IN)	BOLT CIRCLE "Y" (IN)	THK. "M" (IN)	HOLE / SLOT "Z" (IN)	ANCHOR BOLT QTY.	ARM SPAN "L" (FT)	RISE HEIGHT "R" (FT)	GAUGE OR THK. (IN)	
M357119	DS36-750A266-4S-HH-LAB-GV	7.50	3.79	26.50	11	11.50	11.00	1.00	1.19 X 1.69	4	4.00	1.50	11	27.50
M357170	DS36-750A266-6S-HH-LAB-GV	7.50	3.79	26.50	11	11.50	11.00	1.00	1.19 X 1.69	4	6.00	2.00	11	28.00
M357252	DS36-750A266-8S-HH-LAB-GV	7.50	3.79	26.50	11	11.50	11.00	1.00	1.19 X 1.69	4	8.00	2.00	11	28.00
M357120	DS36-800A310-6S-HH-LAB-GV	8.00	3.66	31.00	11	11.50	11.00	1.00	1.19 X 1.69	4	6.00	2.00	11	32.50
M357230	DS36-800A310-8S-HH-LAB-GV	8.00	3.66	31.00	11	11.50	11.00	1.00	1.19 X 1.69	4	8.00	2.00	11	32.50
M357122	DS36-800A336-6S-HH-LAB-GV	8.00	3.31	33.50	11	11.50	11.00	1.00	1.19 X 1.69	4	6.00	2.00	11	35.00
M357254	DS36-800A336-8S-HH-LAB-GV	8.00	3.31	33.50	11	11.50	11.00	1.00	1.19 X 1.69	4	8.00	2.00	11	35.00

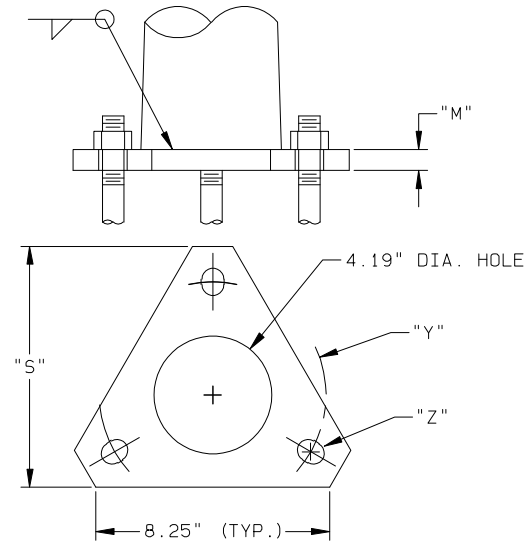
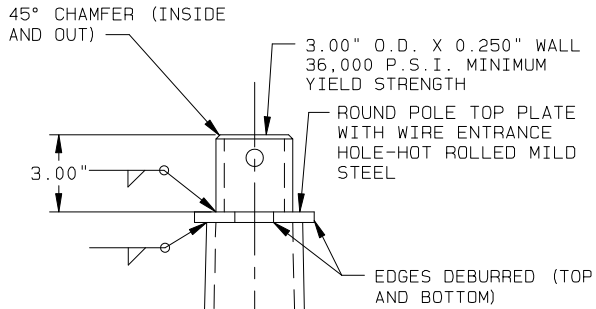
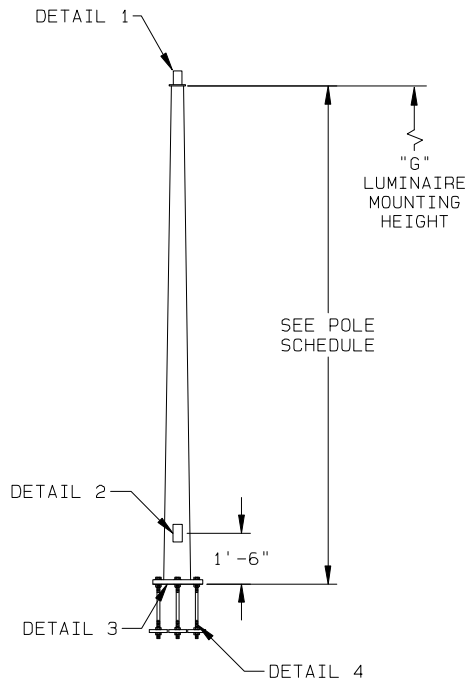
PG & E POLE SCHEDULE-BASE MOUNTED-DOUBLE ARM														
PG & E CODE	POLE DESCRIPTION	POLE TUBE				POLE BASE					LUMINAIRE ARM			MOUNTING HEIGHT "G" (FT)
		BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	GAUGE OR THK. (IN)	SQUARE "S" (IN)	BOLT CIRCLE "Y" (IN)	THK. "M" (IN)	HOLE / SLOT "Z" (IN)	ANCHOR BOLT QTY.	ARM SPAN "L" (FT)	RISE HEIGHT "R" (FT)	GAUGE OR THK. (IN)	
M357188	DS36-750A260-6D-GV-HH-LAB	7.50	3.86	26.00	11	11.50	11.00	1.00	1.19 X 1.69	4	6.00	2.00	11	27.50
M357189	DS36-800A310-6D-GV-HH-LAB	8.00	3.66	31.00	11	11.50	11.00	1.00	1.19 X 1.69	4	6.00	2.00	11	32.50
M357190	DS36-800A310-8D-GV-HH-LAB	8.00	3.66	31.00	11	11.50	11.00	1.00	1.19 X 1.69	4	8.00	2.00	11	32.50
M357191	DS36-800A336-6D-GV-HH-LAB	8.00	3.31	33.50	11	11.50	11.00	1.00	1.19 X 1.69	4	6.00	2.00	11	35.00
M357192	DS36-800A336-8D-GV-HH-LAB	8.00	3.31	33.50	11	11.50	11.00	1.00	1.19 X 1.69	4	8.00	2.00	11	35.00



MATERIAL DATA		
COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)
POLE SHAFT	A595 GR. A	55
ARM SHAFT	A595 GR. A	55
SIMPLEX ATTACHMENTS	A27 GR. 65-35 OR A36	35
BASE PLATE	A36	36
GALVANIZING-STRUCTURE	A123	--
GALVANIZING-HARDWARE	A153	--
ANCHOR BOLTS	F1554 GR.55	55



ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USER'S MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE OR BOLT LOOSENING. THE VALMONT WARRANTY SPECIFICALLY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE PRODUCT.



DESIGN CRITERIA
2013 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS INCLUDING LATEST INTERIMS.

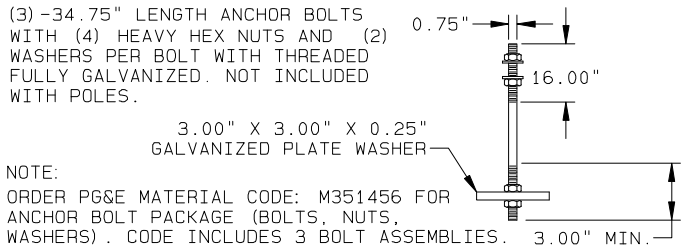
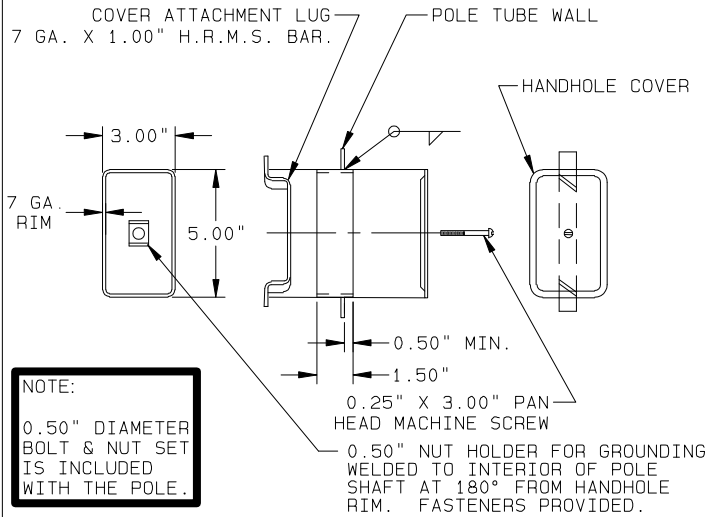
90 MPH BASIC WIND SPEED (V)
50 YR RECURRENCE INTERVAL (I_r)
NON-HURRICANE REGION (C_v)
CALCULATED HEIGHT AND EXPOSURE FACTOR (K_z)
 $\alpha=9.5$ $z_g=900$ FT (EXPOSURE CATEGORY C)
1.14 GUST FACTOR (G)
 C_d PER TABLE 3.8.6-1

FIXTURE LOADING
2.40 EPA
70.00 LBS

DESIGN/LOADING CRITERIA

MATERIAL DATA

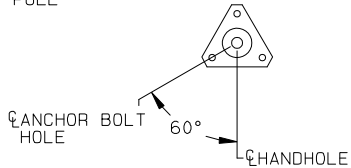
COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)	COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)
POLE SHAFT	A595 GR.A	55	GALVANIZING-STRUCTURE	A123	--
POLE BASE	A36	36	GALVANIZING-HARDWARE	A153	--
ANCHOR BOLTS	F1554 GR.55	55			



NOTE:
ORDER PG&E MATERIAL CODE: M351456 FOR ANCHOR BOLT PACKAGE (BOLTS, NUTS, WASHERS). CODE INCLUDES 3 BOLT ASSEMBLIES.

DETAIL 4 ANCHOR BOLT

ALL ANGLES MEASURED CLOCKWISE FROM HAND-HOLE AS VIEWED FROM SMALL END OF POLE



RADIAL INDEX

ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USER'S MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE OR BOLT LOOSENING. THE VALMONT WARRANTY SPECIFICALLY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE PRODUCT.

VIBRATION DISCLAIMER



11/18/21

PG & E POLE SCHEDULE-DS200 POLES											
PG & E CODE	POLE DESIGNATION	POLE TUBE				POLE BASE					MOUNTING HEIGHT "G" (FT)
		BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	GAUGE OR THK. (IN)	TRIANGLE "S" (IN)	BOLT CIRCLE "Y" (IN)	THK. "M" (IN)	HOLE/SLOT "Z" (IN)	ANCHOR BOLT QTY.	
M357135	DS200-468A120-HH-LAB-GV	4.68	3.00	12.00	11	8.50	8.00	0.75	0.88 x 1.38	3	12.00
M357136	DS200-496A140-HH-LAB-GV	4.96	3.00	14.00	11	8.50	8.00	0.75	0.88 x 1.38	3	14.00
M357137	DS200-524A160-HH-LAB-GV	5.24	3.00	16.00	11	8.50	8.00	0.75	0.88 x 1.38	3	16.00

TITLE
PACIFIC GAS AND ELECTRIC COMPANY
DS200 POLES. PG&E DRAWING 6055634

VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS, ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.

valmont
Valley, NE 68064
(402) 359-2201

PAGE NUMBER: 3 OF 6
DRAWING NUMBER DB00755
REV J