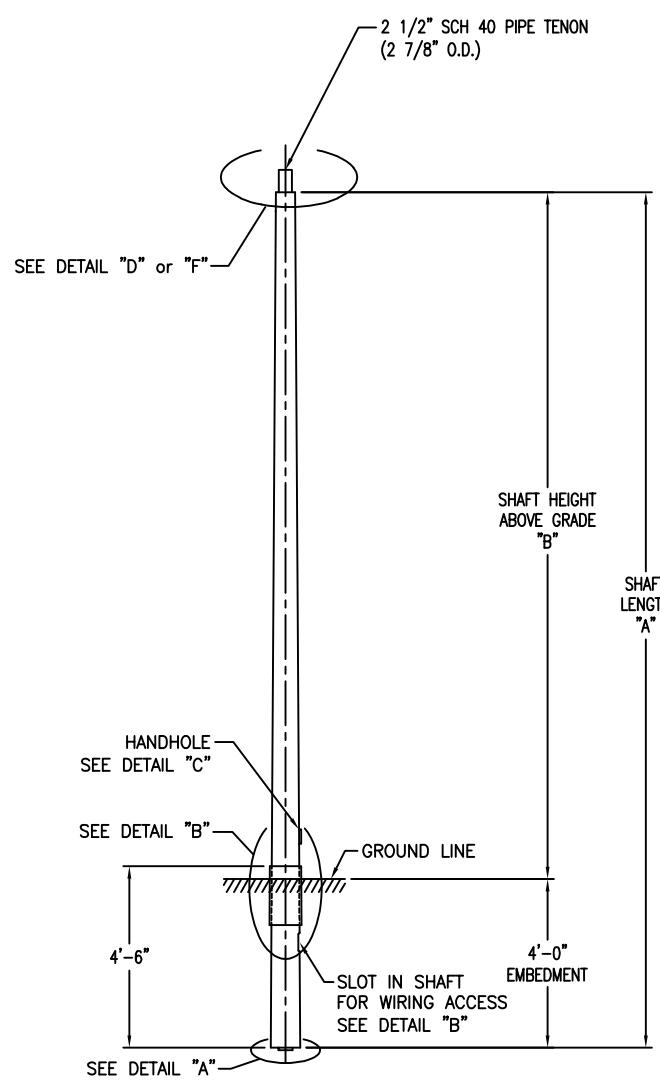
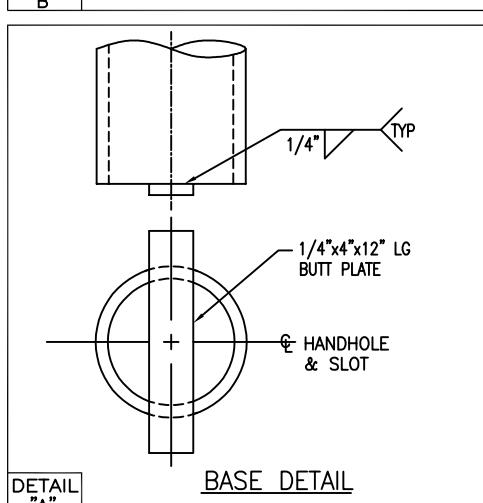
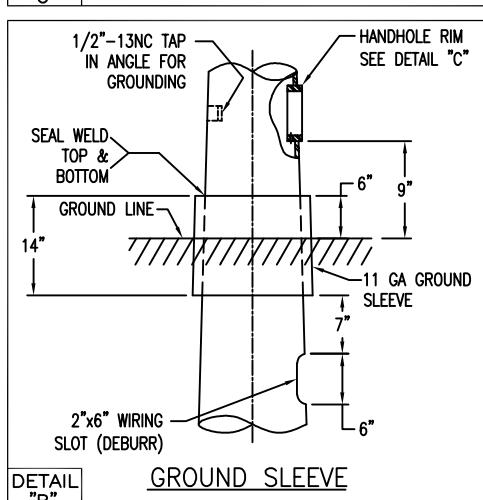
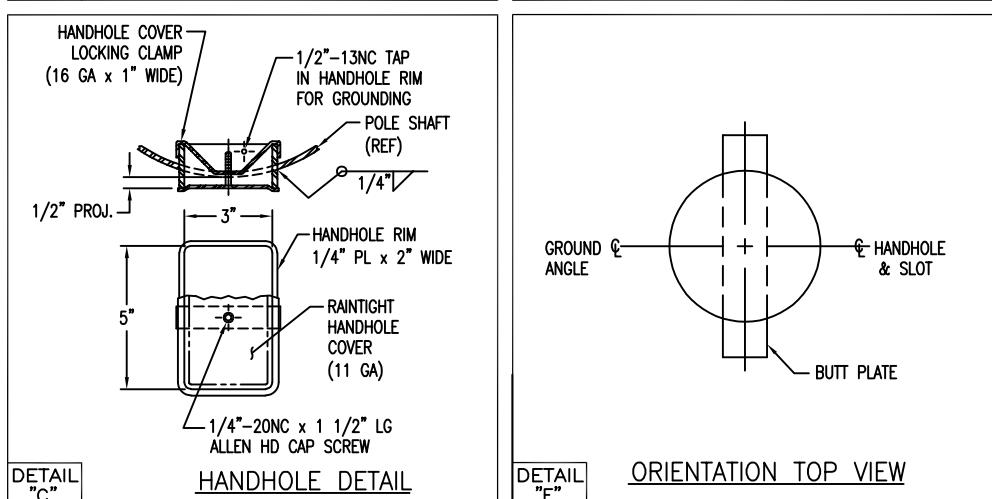
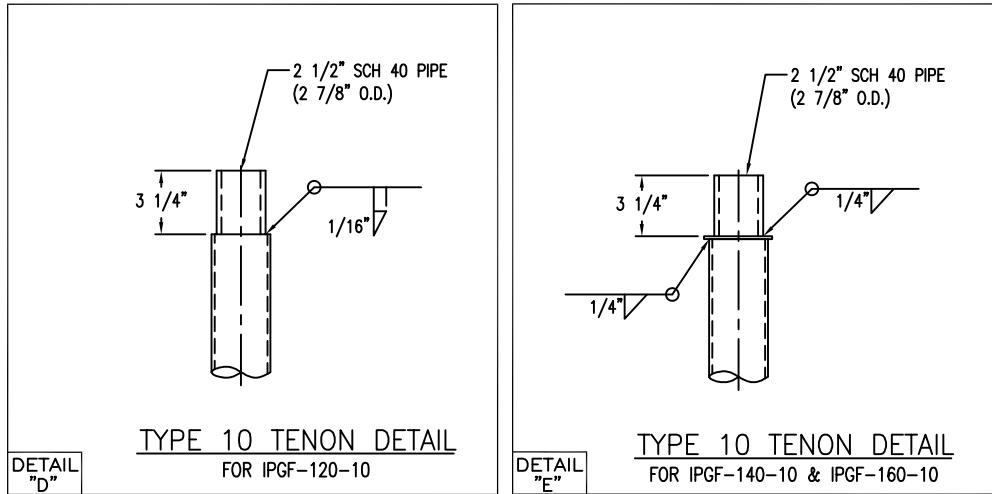


GENERAL NOTES	
MATERIAL SPECIFICATIONS	
SHAFT	STEEL OF 48 KSI YIELD AFTER FORMING
PLATES	ASTM A36
PIPE	ASTM A53 GR B or A500 GR B
MANUFACTURING PROCESSES	
BUTT WELDS	GROUND FLUSH WITH BASE METAL
LONGITUDINAL WELDS	BUTT WELDED BY THE ELECTRICAL RESISTANCE PROCESS
FINISH COATING	
STRUCTURE	HOT DIP GALVANIZE PER ASTM A123
HARDWARE	HOT DIP GALVANIZE PER ASTM A153
DESIGN CRITERIA	
STRUCTURE AND HARDWARE	DESIGNED IN ACCORDANCE WITH 2013 AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS OF HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS"
WELDING	IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS D1.1 SPECIFICATION



ELEVATION

PG&E CODE	POLE DESCRIPTION	SHAFT LENGTH "A"	SHAFT HEIGHT ABOVE GRADE "B"	POLE SHAFT DATA		
				THK	BASE OD	TOP OD
M357248	IPGF-120-10	16'-0"	12'-0"	0.1196"	5 1/4"	3 1/16"
M357249	IPGF-140-10	18'-0"	14'-0"	0.1196"	6 3/8"	3 7/8"
M357250	IPGF-160-10	20'-0"	16'-0"	0.1196"	6 5/8"	3 7/8"

GENERAL NOTES:

1. DESIGN CRITERIA PER AASHTO 2013:
 - A. BASIC WIND SPEED: 90 MPH
 - B. RECURRENCE INTERVAL: 50 YEARS
 - C. GUST FACTOR IS 1.14
 - D. FATIGUE CATEGORY: EXCLUDED
 - E. NO DEFLECTION CONSIDERED
2. LUMINAIRE LOADS NOT TO EXCEED 2.4 SQ FT EPA & 60 LBS.
3. AMERON RESERVES THE RIGHT TO INSTALL TOOLING LUGS or HOLES TO FACILITATE IN THE GALVANIZING PROCESS. THESE LUGS/HOLES WILL NOT IMPEDE WITH FIT, FORM or FUNCTION OF THE FINISHED PRODUCT AND ARE TO BE USED SOLELY BY THE MANUFACTURER.
4. 10 GAUGE (0.1345") MAY BE SUBSTITUTED FOR 11 GAUGE (0.1196") BASED ON MATERIAL AVAILABILITY FOR LUMINAIRE ARMS.
5. TWO DIFFERENT GROUNDING OPTIONS ARE PROVIDED:
 - 1) GROUNDING TO THE TAPPED STEEL ANGLE WELDED TO THE SHAFT OPPOSITE THE HANHOLE, AS SHOWN IN DETAIL "B" or 2) GROUNDING TO THE TAPPED HOLE ON THE HANHOLE RIM, AS SHOWN IN DETAIL "C". FOR BOTH OPTIONS, THERE IS A 1/2" DIAMETER BRASS BOLT INCLUDED THAT USED TO SECURE THE GROUNDING WIRE AT THE TAPPED HOLE. GROUNDING HARDWARE BY OTHERS.

ORDERING INFORMATION:

IPGF-120-10-DWG NO.
POLE TYPE
SHAFT LENGTH
ABOVE GRADE
TYPE 10 TENON

A	6/2/21	UPDATED TO AASHTO 2013	JMW	SAD
REV	DATE	DESCRIPTION	BY	APPR
AMERON POLE PRODUCTS DIVISION				
PACIFIC GAS & ELECTRIC				
PG&E DRAWING NO. _____				
"IPGF" SERIES EMBEDDED LIGHTING POSTS				
THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO AMERON. IT SHALL NOT BE REPRODUCED, USED OR DISCLOSED TO ANYONE WITHOUT THE PRIOR WRITTEN PERMISSION OF AMERON.	DRAWN: JMW	DATE: 1/9/20	SCALE DWG NO.	REV
APPR: SAD	DATE: 1/10/20	NTS	PGEIPGF	A