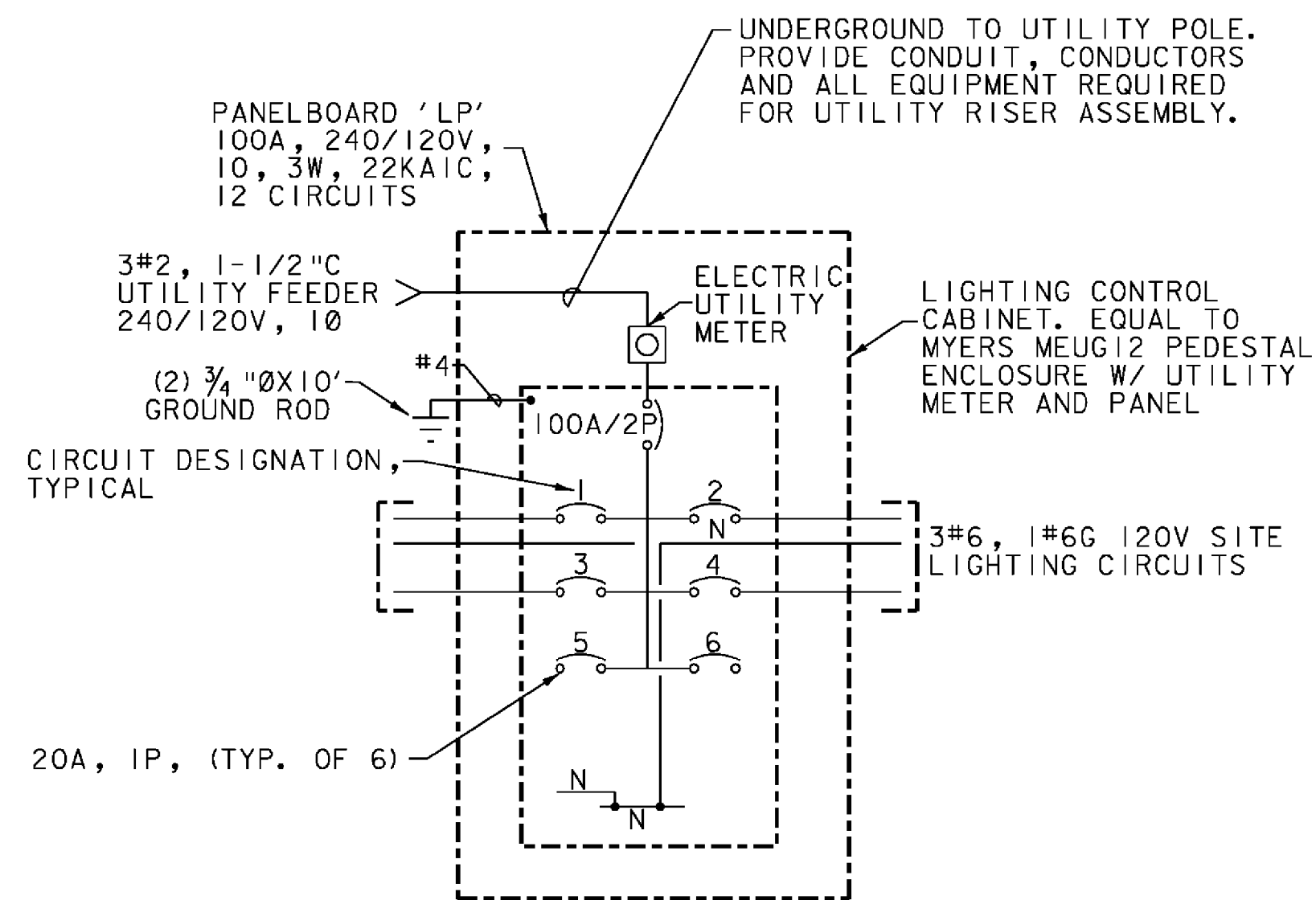
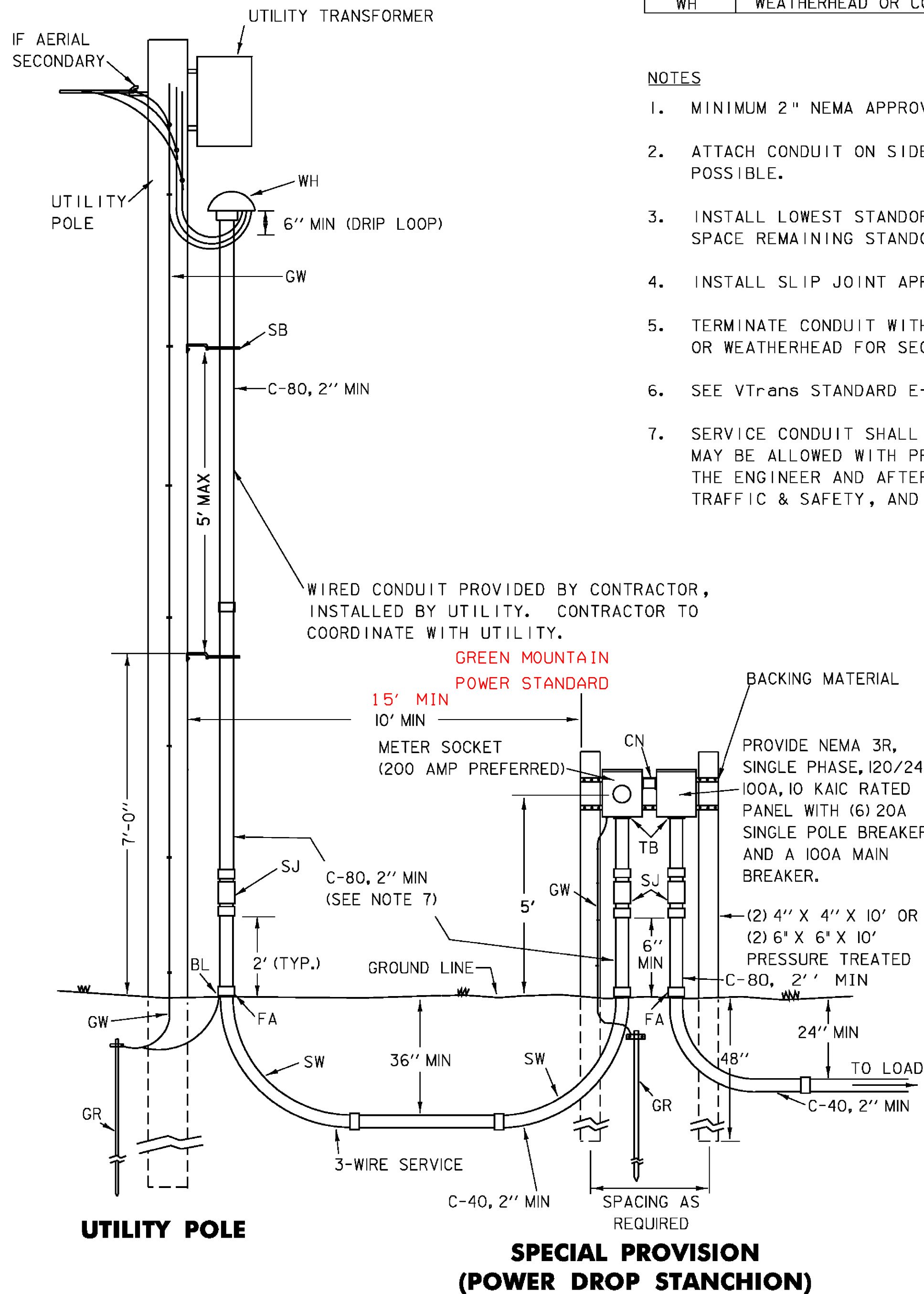


LEGEND	
ITEM	MATERIAL
BL	BONDING LUG (IF STEEL CONDUIT)
C-40	CONDUIT - PVC SCHEDULE 40
C-80	CONDUIT - PVC SCHEDULE 80
CN	CONDUIT NIPPLE
FA	FEMALE ADAPTER OR COUPLINGS AS REQUIRED
GR	GROUND ELECTRODE, 3/8" X 8' (MIN) COPPER CLAD (2 REQ.)
GW	GROUND CONDUCTOR, #6 AWG CU (MIN)
SB	STANDOFF BRACKET (SEE VTRANS STANDARD E-175)
SJ	SLIP JOINT, INSTALL 2/3 OPEN
SSS	STAINLESS STEEL STRAP (1" MIN)
SW	90° SWEEPS, (PVC) 36" R. - SERVICE, 24" R. - LOAD
TB	THREADED BUSHING
WH	WEATHERHEAD OR CONDULATOR

NOTES

- MINIMUM 2" NEMA APPROVED PVC SCHEDULE 80 SHALL BE USED.
- ATTACH CONDUIT ON SIDE OF POLE AWAY FROM TRAFFIC WHEN POSSIBLE.
- INSTALL LOWEST STANDOFF BRACKET AT 7 FEET ABOVE GRADE. SPACE REMAINING STANDOFF BRACKETS APPROX. 5 FEET APART.
- INSTALL SLIP JOINT APPROXIMATELY 2/3 OPEN.
- TERMINATE CONDUIT WITH CONDULATOR FOR PRIMARY CABLE, OR WEATHERHEAD FOR SECONDARY CABLE.
- SEE VTRANS STANDARD E-175 FOR BACKING MATERIAL DETAIL.
- SERVICE CONDUIT SHALL BE MINIMUM 2 INCH. SMALLER CONDUIT MAY BE ALLOWED WITH PRIOR APPROVAL FROM THE UTILITY AND THE ENGINEER AND AFTER CONSULTATION WITH THE ROADWAY, TRAFFIC & SAFETY, AND PAVEMENT MANAGEMENT SECTIONS.



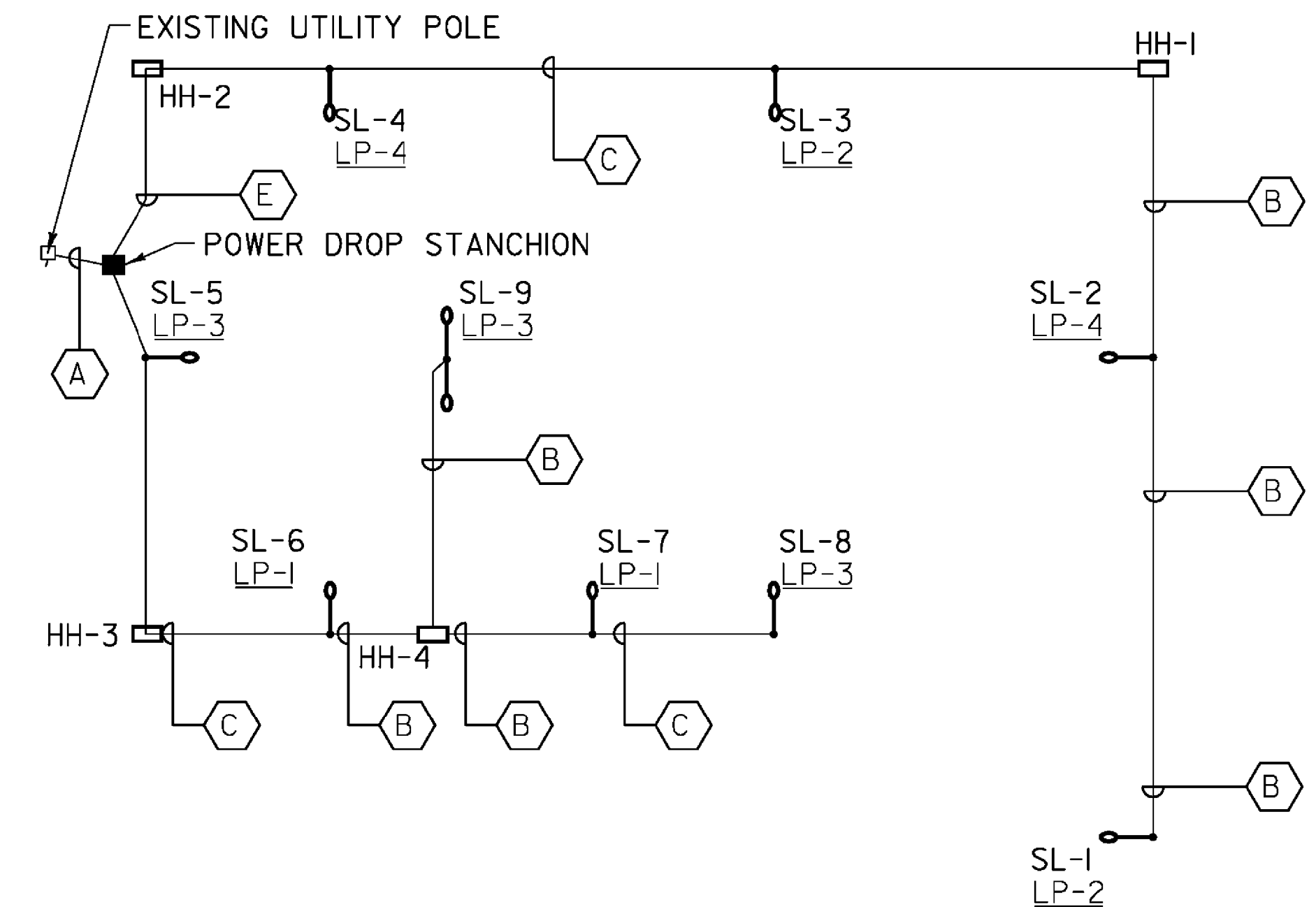
ONE-LINE DIAGRAM ROADWAY LIGHTING SERVICE PEDESTAL

NOT TO SCALE
NOTE: NO RELAYS REQUIRED

CONDUIT & CONDUCTOR SCHEDULE				
KEY	CONDUIT SIZE	CONDUCTORS		
		FOR FIXTURES	FOR SERVICE	FOR GROUND
A	2"		3#2	1#8G
B	2"	3#8		1#8G
C	2"	2#8		1#8G
E	2"	PULLCORD		

GENERAL NOTES:

- MAXIMUM OF 270° IN TOTAL BENDS PERMITTED IN SINGLE RUN OF CONDUIT
- LIGHTS SHALL BE FUSED AT BASE WITH Y-TYPE FUSE KIT (EQUAL TO HOMAC [FLOOD SEAL] FYC-6 AND 10 AMP FUSE)
- CIRCUIT CONDUCTORS INCLUDING NEUTRAL CONDUCTOR SHALL BE CLEARLY IDENTIFIED BY CORROSION RESISTANT TAGS INDICATING CIRCUIT NUMBER AND PANEL SOURCES AT EVERY POLE BASE AND HANDHOLE.
- UTILIZE APPROVED DUAL-RATED PARALLEL TAP CONNECTOR EQUAL TO ILSCO GTA SERIES WITH INSULATED COVER FOR TAPS AT POLE BASE.
- UTILIZE APPROVED DUAL-RATED PARALLEL TAP CONNECTOR EQUAL TO ILSCO PED SERIES WITH WATERTIGHT CONNECTOR, SUITABLE FOR DIRECT BURIAL IN JUNCTION BOXES, HANDHOLES AND MANHOLES.



SITE LIGHTING ONE-LINE

NOT TO SCALE

PROJECT NAME:	WATERBURY
PROJECT NUMBER:	CMG PARK(IIS) RE-ADVERTISED
FILE NAME:	zk002frm.dgn
PROJECT LEADER:	WLD
DESIGNED BY:	BEM
LIGHTING DETAILS:	3
PLOT DATE:	19-NOV-2009
DRAWN BY:	BEM
CHECKED BY:	AJB
SHEET:	19 OF 32