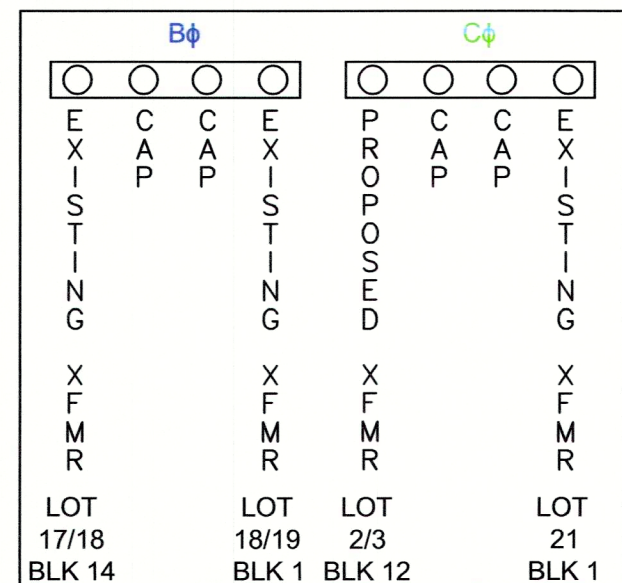
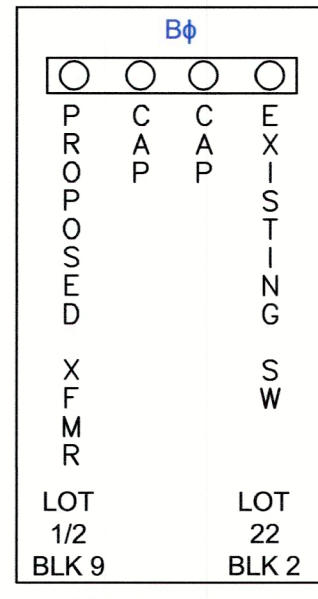


NOT TO SCALE

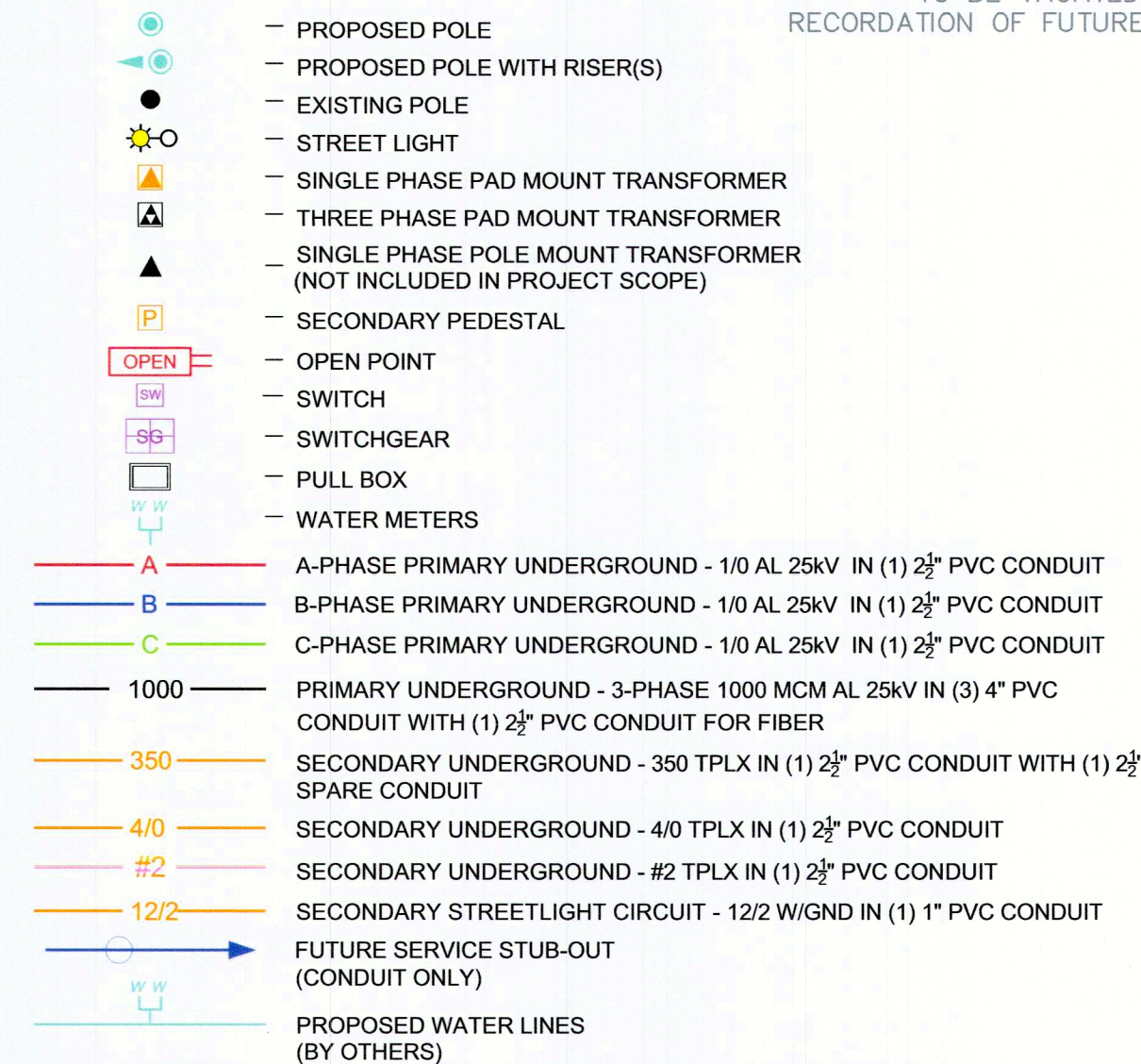


DETAIL 2: SW 2
PROPOSED 2 ϕ (B ϕ , C ϕ) SWITCH CABINET

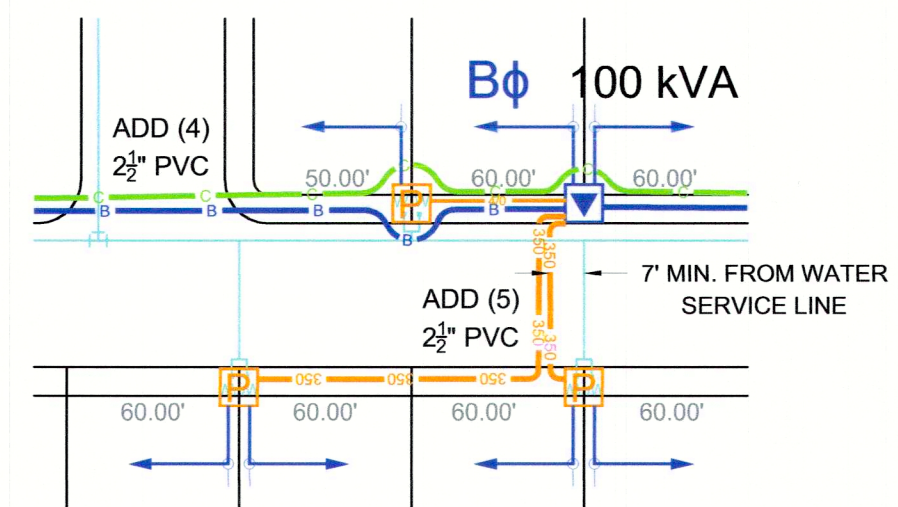


DETAIL 1: SW 1
EXISTING **B** SWITCH CABINET

Material List Table		
Quantity	CU	Description
9	UP30-5AL	30 ft. aluminum street light pole with one 54 watt type 3 LED luminaire
3,598	U1/0AL25KV	1/0 AL 25KV Aluminum URD Primary Cable
706	U12/2UFW/GRD	12/2 UF Copper with Ground Street light Cable
2,150	U350ALTP	350 MCM URD Triplex Secondary Cable
382	U4/0ALTP	4/0 MCM URD Triplex Secondary Cable
17	UK6-350	Secondary pedestal, fed with 350 MCM URD triplex
5	UK6-4/0	Secondary pedestal, fed with 4/0 MCM URD triplex
428	UPVC 1	1" Schedule 40 PVC
6,972	UPVC 2.5	2.5" Schedule 40 PVC
2	UVG6-2D-75	75 kVA DV/120-240 Pad-Mounted Transformer, Radial
2	UVG7-2D-100	100 kVA DV/120-240 Pad-Mounted Transformer, Loop
1	UVG7-2D-37.5	37.5 kVA DV/120-240 Pad-Mounted Transformer, Loop
2	UVG7-2D-50	50 kVA DV/120-240 Pad-Mounted Transformer, Loop
4	UVG7-2D-75	75 kVA DV/120-240 Pad-Mounted Transformer, Loop

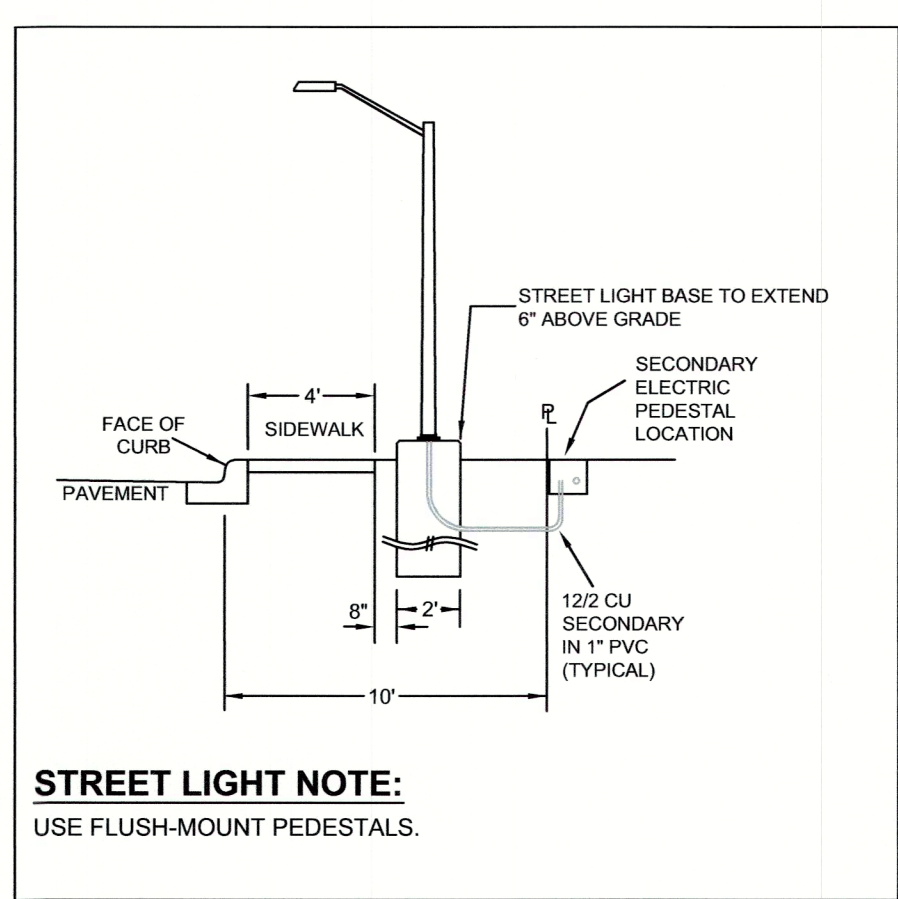


1. FOR FUTURE TEMPORARY SERVICE, STUB OUT (1) 2" FLEXIBLE ELECTRICAL PVC CONDUIT 6" BELOW GRADE CENTERED IN FRONT OF ALL TRANSFORMERS AND PEDESTALS. WHEN TEMPORARY SERVICE IS RETIRED, CUT OFF AND CAP 6" BELOW FINISHED GRADE.
2. VERIFY ALL UNDERGROUND UTILITIES BEFORE DIGGING.
3. ZACH HAUPERT WILL NOTIFY CONSTRUCTION CREWS WHEN IT IS OK TO PROCEED WITH INSTALLATION OF THE UNDERGROUND SYSTEM.
4. GVEC TO HAVE A 5' WIDE ELECTRIC EASEMENT ON ALL ROAD CROSSINGS IN WHICH ELECTRIC LINES ARE PLACED.
5. INSTALL THE CORRECT KV RATED PARKING STAND ARRESTORS AND LIGHTNING ARRESTORS FOR ALL OPEN POINT TRANSFORMERS.
6. WATER PROVIDED BY SPRINGHILL WATER CO.
7. SEWER PROVIDED BY CITY OF SEGUIN.



ROAD CROSSING DETAIL - REQUIRED CLEARANCE
FROM WATER MAIN AND SERVICE LINES

ALL ELECTRIC CONDUITS PARALLEL WITH WATER MAIN OR SERVICE LINES TO HAVE SEVEN FOOT (7') HORIZONTAL CLEARANCE.



STREET LIGHT NOTE:
USE FLUSH-MOUNT PEDESTALS

DATE	#	BY	REVISION
NOTE: G.V.E.C. WILL MAINTAIN 5' EASEMENT FOR SERVICE ENTRANCE TO DWELLING. THIS EASEMENT WILL VARY DEPENDING UPON LOCATION OF DWELLING.		G.V.E.C. SHALL HAVE ACCESS TO THE METER LOCATIONS FROM THE FRONT YARDS WITH THE METER LOCATIONS NOT BEING LOCATED WITHIN A FENCED AREA.	
REAR 5' MIN. (DISTANCE VARIES) HOUSE ELECTRIC METER 5' MAX FROM CORNER OF HOUSE 5' 2 1/2' 5' EASE. 5' EASE. EITHER SIDE OF METER 25' MIN. (DISTANCE VARIES) 25' UTILITY EASEMENT LOT A LOT B PROPERTY LINE (STREET SIDE) TYPICAL EASEMENT ON INTERIOR PROPERTY LINE			

THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
REX N. WOODS, P.E. 87089
NOVEMBER 30, 2022
NOT VALID UNLESS SIGNED.
ALTERATION OF A SEALED DOCUMENT WITHOUT
PROPER NOTIFICATION TO THE RESPONSIBLE
ENGINEER IS AN OFFENSE UNDER THE
TEXAS ENGINEERING PRACTICE ACT.

APPROVED
FOR CONSTRUCTION

gvec
Delivering more.™

GUADALUPE VALLEY ELECTRIC CO-OP., INC.
P.O. BOX 118 • 825 E. SARAH DeWITT DR.
GONZALES, TEXAS 78629-0118
830-672-2871
1800-223-GVEC(4832)
FAX 210-672-9841
e-mail: info@gvec.com

 McCORD ENGINEERING, INC.		Texas Registered Engineering Firm F-2664 916 Southwest Parkway East College Station, TX 77840 (979) 764-8356	
SCALE: 1" = 60'	DATE: 10-28-2022	DWG NO. MEI-16654	SHEET NO. 1 OF 1
DRAWN BY: JJB	JOB CODE: GVC-3-G.13		REV.