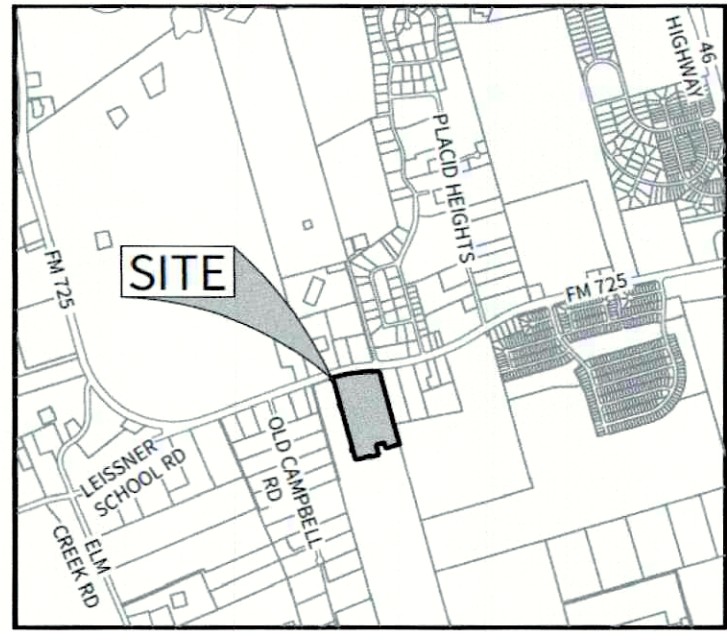




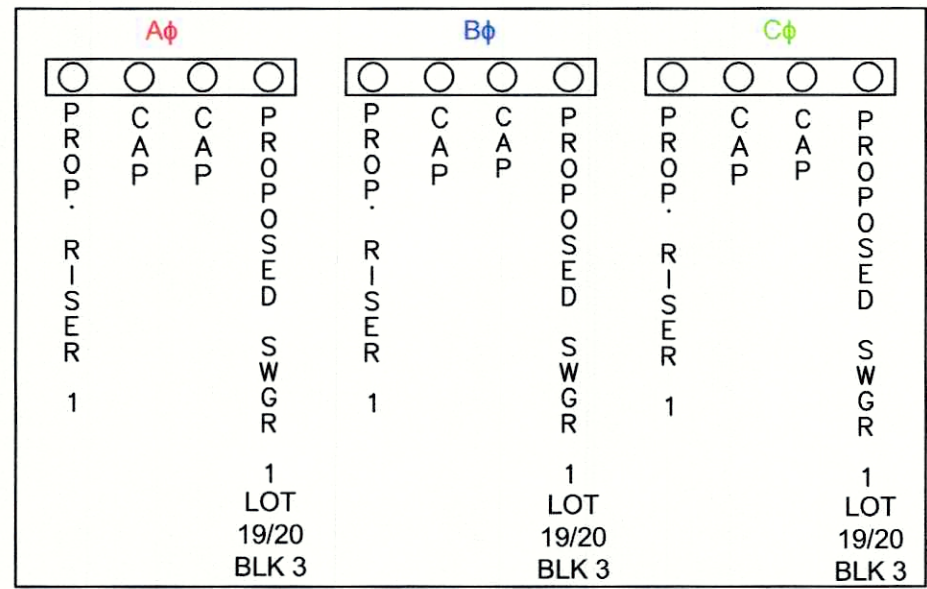
VICINITY MAP

NOT TO SCALE

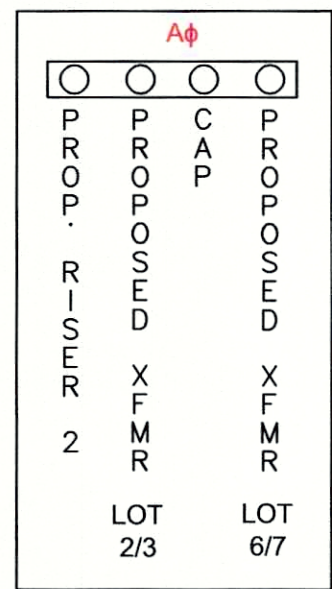
WO# 1944874
73 LOTS
19 LIGHTS

GRAPHIC SCALE
30' 0 30' 60' 90' 120'

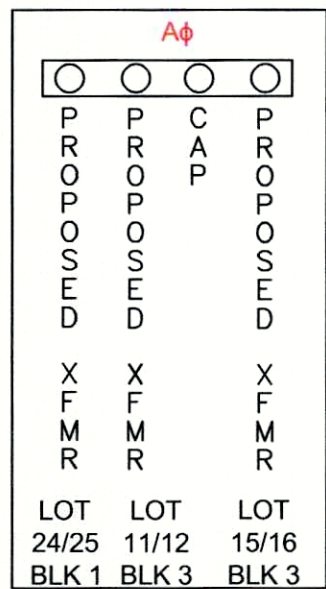
Upline Device
ML130
14.4 / 24.9kV



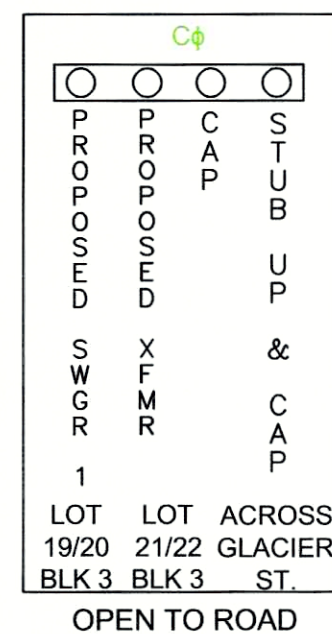
OPEN TO ROAD
DETAIL 1: PROPOSED SW 1
PROPOSED 34 SWITCH CABINET 600 AMP



OPEN TO ROAD
DETAIL 2: PROPOSED SW 2
PROPOSED A4 SWITCH CABINET



OPEN TO ROAD
DETAIL 3: PROPOSED SW 3
PROPOSED A4 SWITCH CABINET



DETAIL 4: PROPOSED SW 4
PROPOSED SWITCH CABINET

GENERAL NOTES:

- 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.
- VERIFY ALL UNDERGROUND UTILITIES BEFORE DIGGING.
- ZACH HAUPERT WILL NOTIFY CONSTRUCTION CREWS WHEN IT IS OK TO PROCEED WITH INSTALLATION OF THE UNDERGROUND SYSTEM.
- GVEC TO HAVE A 5' WIDE ELECTRIC EASEMENT ON ALL ROAD CROSSINGS IN WHICH ELECTRIC LINES ARE PLACED.
- INSTALL THE CORRECT IV RATED PARKING STAND ARRESTORS AND LIGHTNING ARRESTORS FOR ALL OPEN POINT TRANSFORMERS.
- WATER PROVIDED BY SPRING HILL WATER SUPPLY CORP.
- SEWER PROVIDED BY THE CITY OF SEGUIN

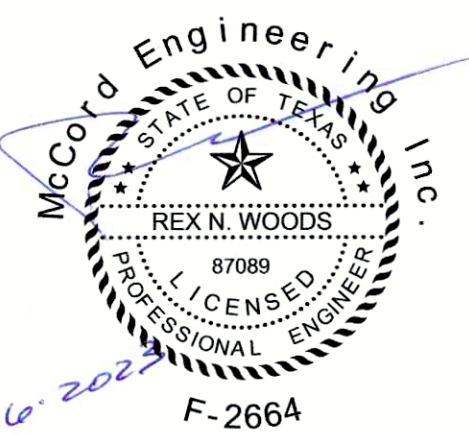
ROAD CROSSING DETAIL - REQUIRED CLEARANCE FROM WATER MAIN AND SERVICE LINES

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

STREET LIGHT NOTE:

USE FLUSH-MOUNT PEDESTALS.

Material List Table		
Quantity	CU	Description
4,365	U10AL25KV	1/0 AL 25KV Aluminum URD Primary Cable
3,236	U1000AL25KV	1000 MCM Aluminum URD Primary Cable
2,090	U12/2UFW/GRD	12/2 UF Copper with Ground Street Light Cable
2,588	U350ALT	350 MCM URD Triplex Secondary Cable
764	U4/0ALT	4/0 MCM URD Triplex Secondary Cable
22	UK6-350	Secondary pedestal, fed with 350 MCM URD triplex
8	UK6-4/0	Secondary pedestal, fed with 4/0 MCM URD triplex
1	UM3E-3-9	Three phase 600 Amp dead front switchgear with 2 source and 1-200 Amp load compartment
19	UP30-5AL	30 ft. aluminum street light pole with one 54 watt type 3 LED luminaire
1,500	UPVC 1	1" Schedule 40 PVC
9,063	UPVC 2.5	2.5" Schedule 40 PVC
2,828	UPVC 4	4" Schedule 40 PVC
1	UVG5-2D-37.5	37.5 kVA DV/120-240 Pad-Mounted Transformer, OPEN
1	UVG5-2D-75	75 kVA DV/120-240 Pad-Mounted Transformer, OPEN
1	UVG6-2D-50	50 kVA DV/120-240 Pad-Mounted Transformer, Radial
4	UVG7-2D-100	100 kVA DV/120-240 Pad-Mounted Transformer, Loop
6	UVG7-2D-75	75 kVA DV/120-240 Pad-Mounted Transformer, Loop
1	UVM2-1000X-X	Three phase riser assembly, 14.4kV
1	UVM2-4X-X	Two phase riser assembly, 14.4kV
3	UVM31-3	1 Phase switch cabinet, 3-Way
1	UVM33-2-600	3 Phase switch cabinet, 2-Way, 600 Amp



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY REX N. WOODS, P.E. 87089 OCTOBER 26TH, 2023
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.

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FOR CONSTRUCTION

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630-672-2871
1800-223-GVEC(4832)
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e-mail info@gvec.org

DATE	10-25-2023	JOB NAME	Park House Unit 1
DRAWN BY	NDM	WORK ORDER #	WO# 1944874
CHECKED BY		DATE	10-25-2023
SCALE	1" = 60'	DRAWN BY	NDM
DATE	10-25-2023	JOB CODE	GVC-3-P-17
SCALE	1" = 60'	DWG NO.	MEI-17232
DRAWN BY	NDM	SHEET NO.	1 OF 1