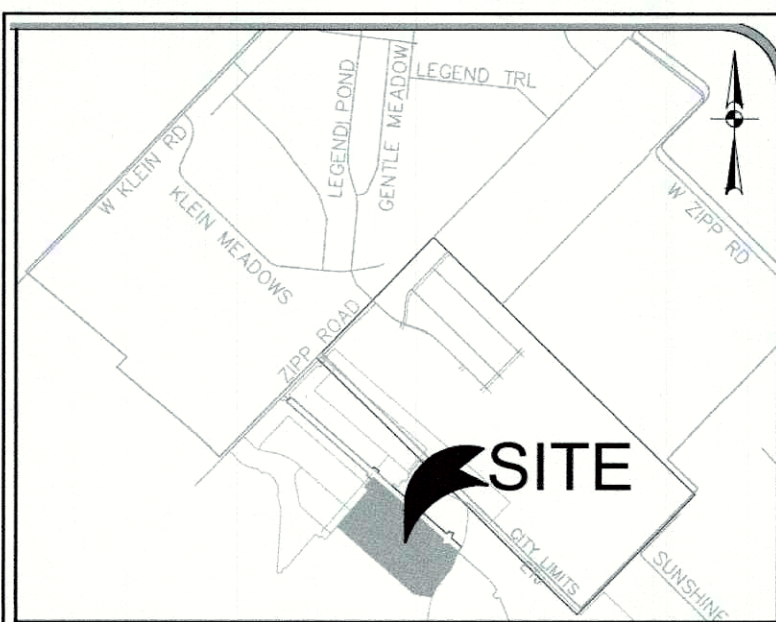




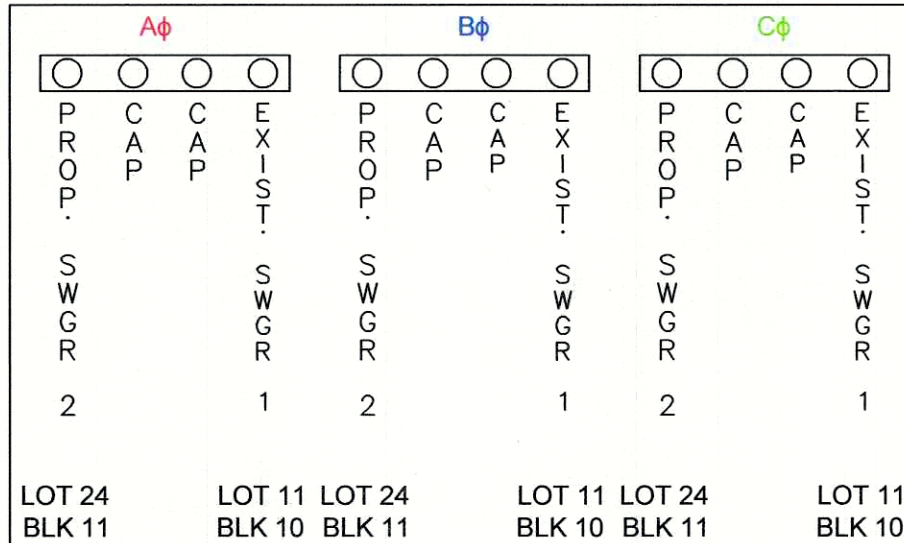
VICINITY MAP

NOT TO SCALE

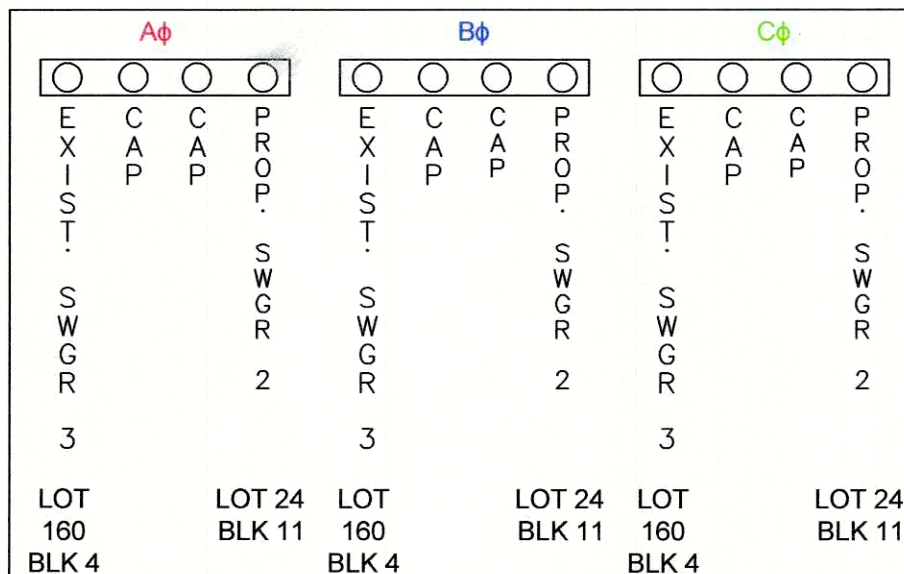


WO# 1809777
98 LOTS
11 LIGHTS

Upline Device
V401
14.4/24.9 kV



DETAIL 4: PROPOSED SW 2
PROPOSED 36 600 AMP SWITCH CABINET



DETAIL 6: PROPOSED SW 3
PROPOSED 36 600 AMP SWITCH CABINET

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	-1	60	0	59
Bφ	0	25	11	36
Cφ	0	29	0	29

LEGEND:

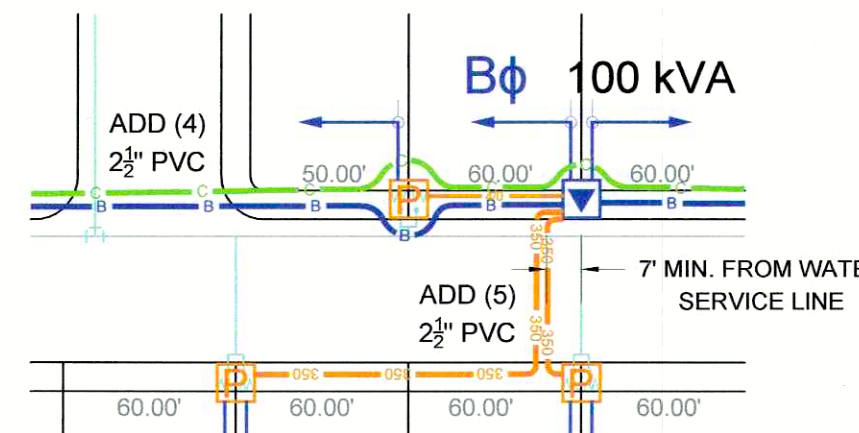
- PROPOSED POLE
- PROPOSED POLE WITH RISER(S)
- EXISTING POLE
- STREET LIGHT
- SINGLE PHASE PAD MOUNT TRANSFORMER
- THREE PHASE PAD MOUNT TRANSFORMER
- SINGLE PHASE POLE MOUNT TRANSFORMER (NOT INCLUDED IN PROJECT SCOPE)
- SECONDARY PEDESTAL
- OPEN POINT
- SWITCH
- SWITCHGEAR
- PULL BOX
- WATER METERS
- A-Phase Primary Underground - 1/0 AL 25KV IN (1) 2" PVC CONDUIT
- B-Phase Primary Underground - 1/0 AL 25KV IN (1) 2" PVC CONDUIT
- C-Phase Primary Underground - 1/0 AL 25KV IN (1) 2" PVC CONDUIT
- 1000 PRIMARY UNDERGROUND - 3-PHASE 1000 MCM AL 25KV IN (3) 4" PVC CONDUIT WITH (1) 2" PVC CONDUIT FOR FIBER
- 350 SECONDARY UNDERGROUND - 350 TPLX IN (1) 2" PVC CONDUIT WITH (1) 2" SPARE CONDUIT
- 4/0 SECONDARY UNDERGROUND - 4/0 TPLX IN (1) 2" PVC CONDUIT
- #2 SECONDARY UNDERGROUND - #2 TPLX IN (1) 2" PVC CONDUIT
- 12/2 SECONDARY STREETLIGHT CIRCUIT - 12/2 WIGND IN (1) 1" PVC CONDUIT (CONDUIT ONLY)
- FUTURE SERVICE STUB-OUT (CONDUIT ONLY)
- PROPOSED WATER LINES (BY OTHERS)

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.
- GVEC STAFF WILL NOTIFY CONSTRUCTION CREWS WHEN 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 KV RATED PARKING STAND ARRESTORS AND LIGHTNING ARRESTORS FOR ALL OPEN POINT TRANSFORMERS.
- ALL UNDERGROUND CONDUIT FOR GVEC ELECTRIC FACILITIES TO BE SCHEDULE 40, GRAY PVC UNLESS OTHERWISE SPECIFIED BY GVEC STAFF.
- WATER PROVIDED BY: GVSUD
- SEWER PROVIDED BY: GBRA

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.



DETAIL 3: PROPOSED SWGR 2 (PME-9)
EXISTING SWITCHGEAR LAYOUT

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	66	66
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	0	0	63	63
Bφ	0	0	63	63
Cφ	45	2	0	47

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

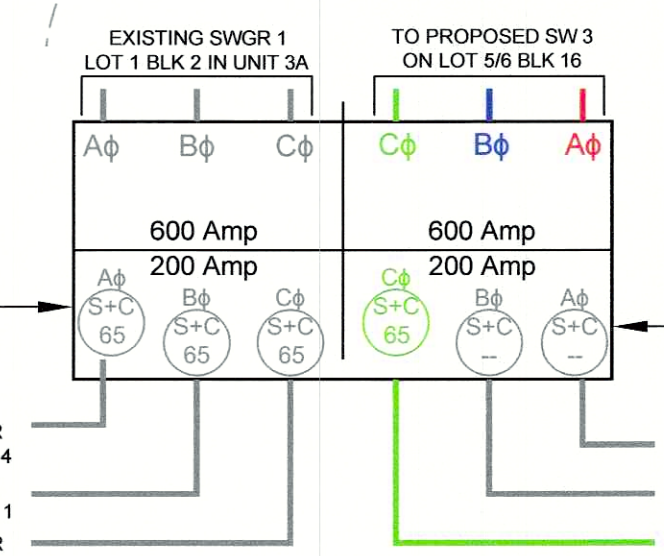
PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

DETAIL 5: EXISTING SWGR 3 (PME-9)
EXISTING SWITCHGEAR LAYOUT



PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

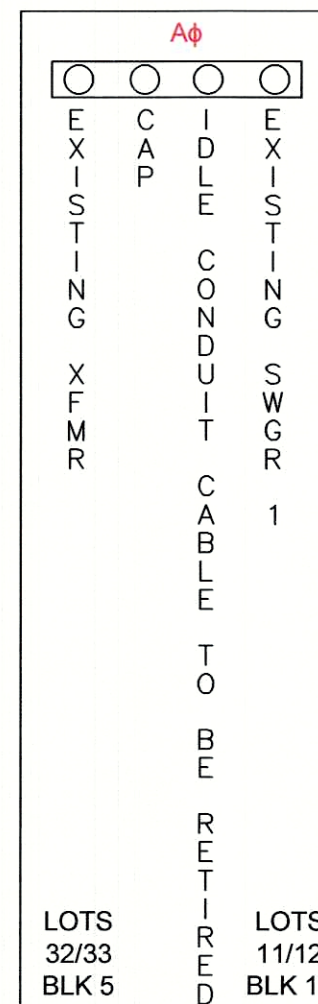
PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	63	63		
Bφ	59	59		
Cφ	37	37		



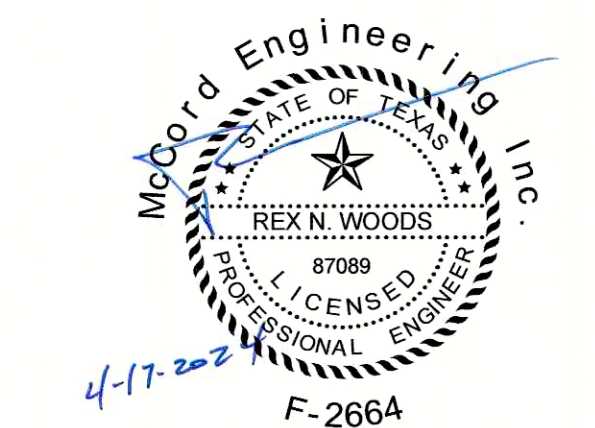
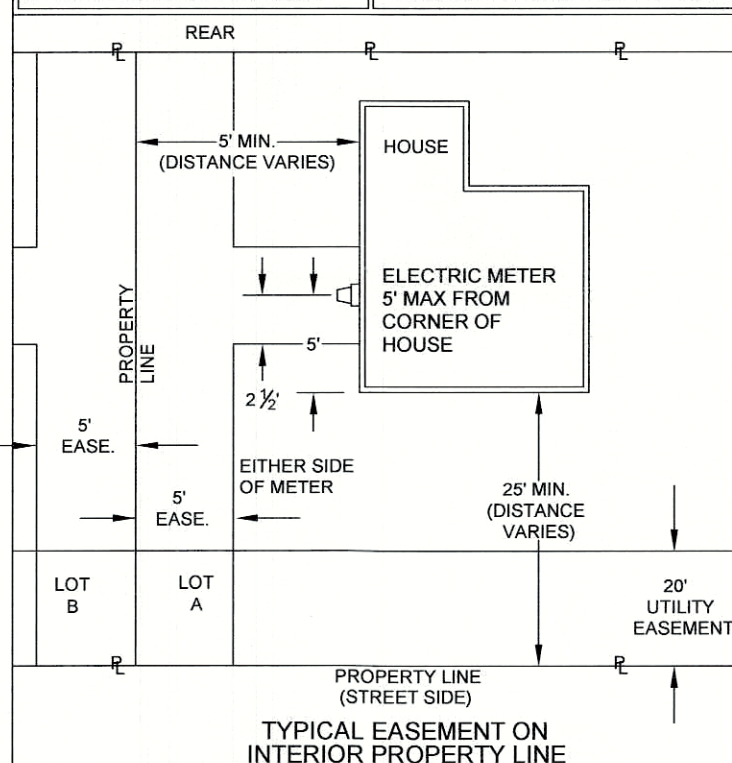
DETAIL 2: EXISTING SW 1
EXISTING SWITCH CABINET

PHASE	LOTS			
	PROPOSED UNIT 2B	EXISTING	FUTURE	TOTAL
Aφ	53	1	54	

DATE	#	BY	REVISION	
			DATE	DESCRIPTION
04/01/2024	1	SB		ADJUSTED CROSSINGS AND STREET LIGHTS

NOTE: G.V.E.C. WILL MAINTAIN 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.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY REX N. WOODS, P.E. 87089 APRIL 17, 2024

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APPROVED FOR CONSTRUCTION

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P.O. BOX 118 - 825 E. SARAH DEWITT DR.
GONZALES, TEXAS 78029-0118

1800-223-GVEC(4832)
FAX 210-672-9841
e-mail info@gvec.org

DATE	01/25/2024	JOB NAME	PARK PLACE UNIT 2B
DRAWN BY	SB		
CHECKED BY			
DATE		WORK ORDER #	WO# 1971626
SCALE	1"=60'	DATE	01/25/2024
DRAWN BY	SB	JOB CODE	GVC-3-P.19
		DWG NO.	
		SHEET NO.	1 OF 1
		REV.	

MCCORD
ENGINEERING, INC.
Texas Registered Engineering Firm F-2664
915 Southwest Parkway East
College Station, TX 77840
(979) 764-8356

MEI-17647