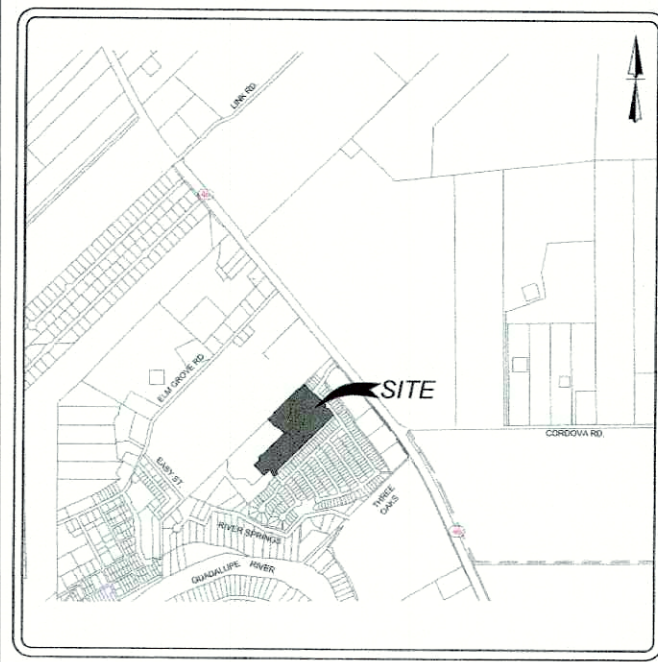
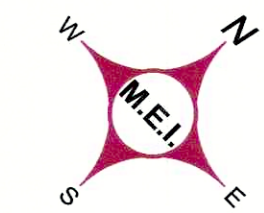




VICINITY MAP

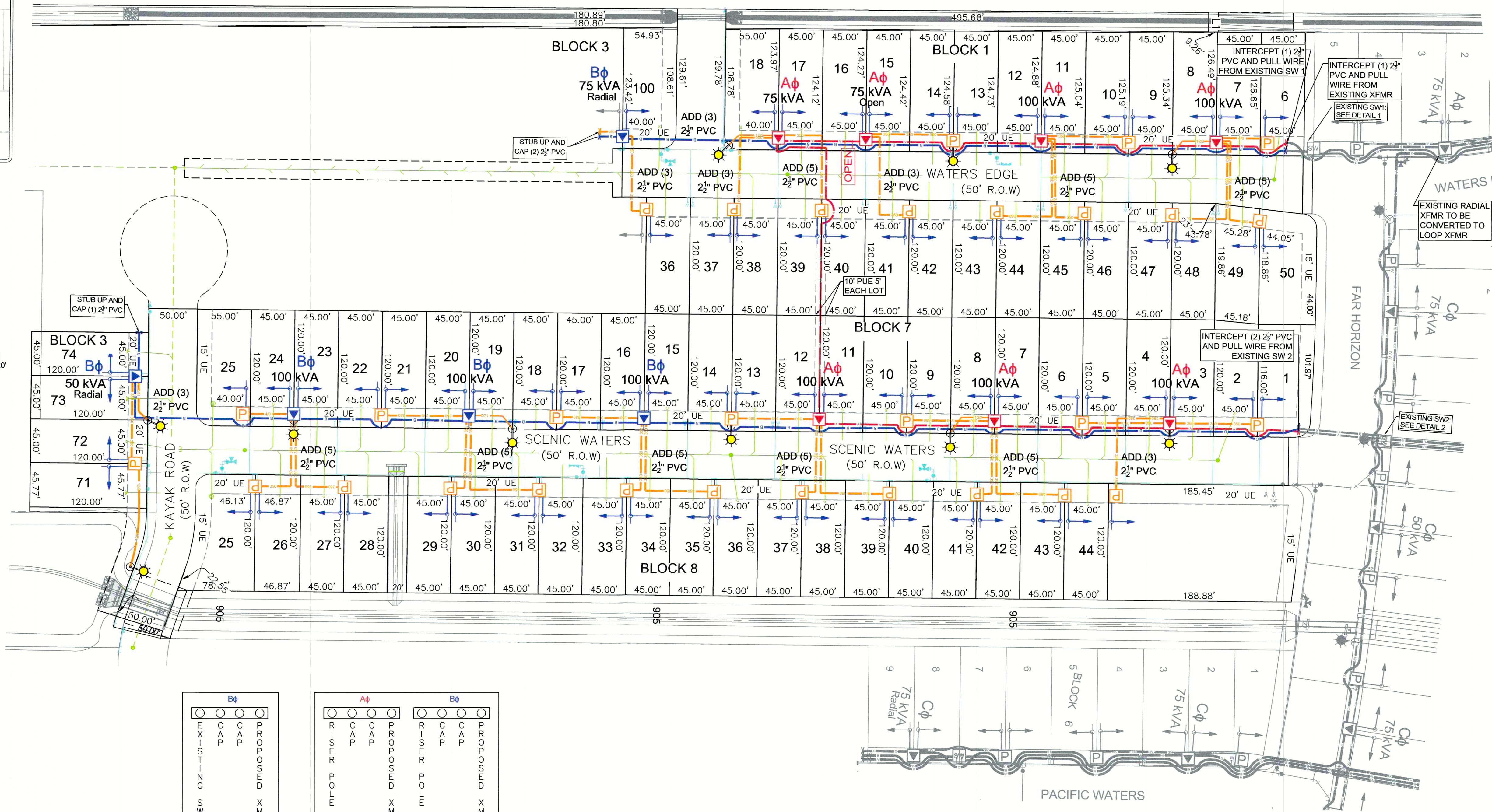
NOT TO SCALE



WO# 1970369
78 LOTS
10 LIGHTS

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

Upline Device
R301
14.4 / 24.9kV



DETAIL 1: EXISTING SW 1
EXISTING B₂ SWITCH CABINET

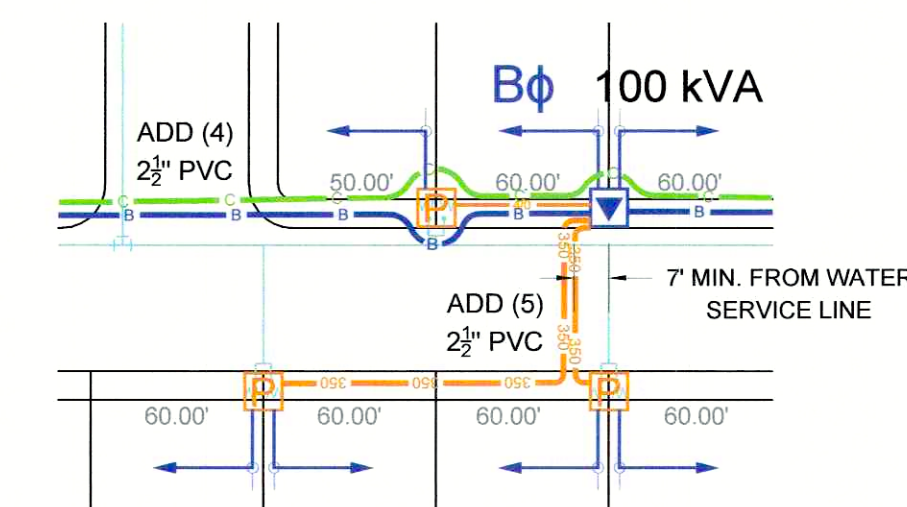
DETAIL 2: EXISTING SW 2
EXISTING 2₂ (A₂, B₂) SWITCH CABINET

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) 2₂ PVC CONDUIT
- B-PHASE PRIMARY UNDERGROUND - 1/0 AL 25KV IN (1) 2₂ PVC CONDUIT
- C-PHASE PRIMARY UNDERGROUND - 1/0 AL 25KV IN (1) 2₂ PVC CONDUIT
- 1000 PRIMARY UNDERGROUND - 3-PHASE 1000 MCM AL 25KV IN (3) 4" PVC CONDUIT WITH (1) 2₂ PVC CONDUIT FOR FIBER
- 350 SECONDARY UNDERGROUND - 350 TPLX IN (1) 2₂ PVC CONDUIT WITH (1) 2₂ SPARE CONDUIT
- 4/0 SECONDARY UNDERGROUND - 4/0 TPLX IN (1) 2₂ PVC CONDUIT
- #2 SECONDARY UNDERGROUND - #2 TPLX IN (1) 2₂ PVC CONDUIT
- 12/2 SECONDARY STREETLIGHT CIRCUIT - 12/2 W/GND IN (1) 1" PVC CONDUIT
- FUTURE SERVICE STUB-OUT (CONDUIT ONLY)
- PROPOSED WATER LINES (BY OTHERS)

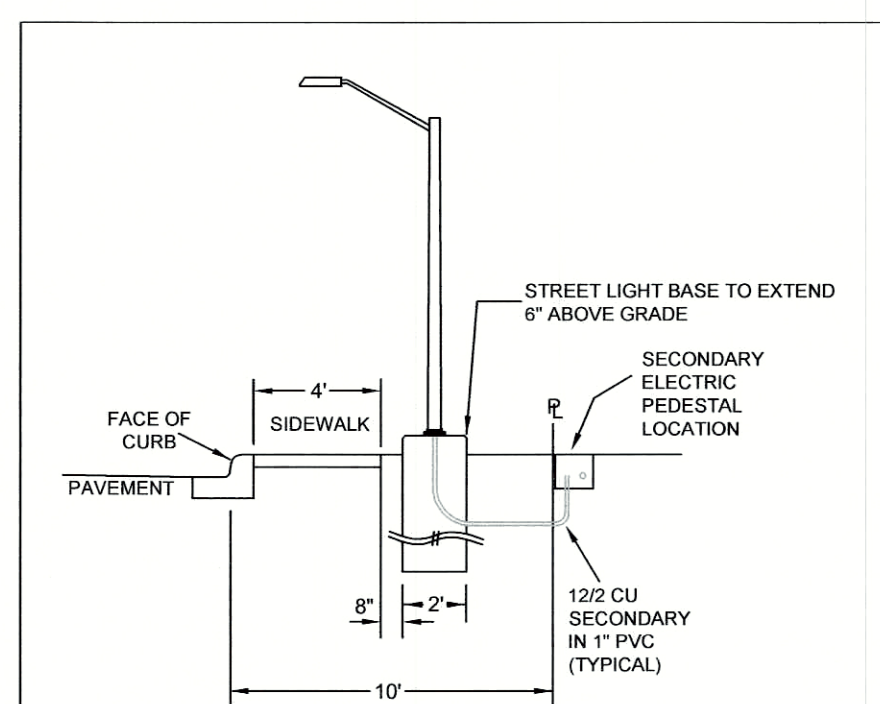
GENERAL NOTES:

- 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 SPRINGS HILL 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.

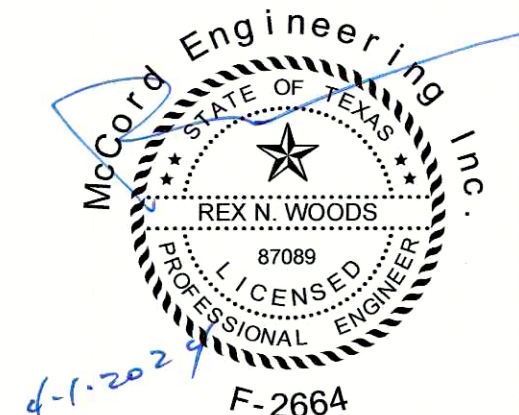
DATE	#	BY	REVISION
03/12/2024	1	SB	ADJUSTED CROSSINGS AND STREETLIGHTS

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
2 1/2'
EITHER SIDE OF METER
25' MIN. (DISTANCE VARIES)
30' UTILITY EASEMENT
PROPERTY LINE (STREET SIDE)
TYPICAL EASEMENT ON INTERIOR PROPERTY LINE

Quantity	CU	Description
4207	U1/0AL25KV	1/0 AL 25KV Aluminum URD Primary Cable
768	U12/2UFW/GRD	12/2 UF Copper with Ground Street light Cable
3801	U350ALTP	350 MCM URD Triplex Secondary Cable
144	U4/0ALTP	4/0 MCM URD Triplex Secondary Cable
28	UK6-350	Secondary pedestal, fed with 350 MCM URD triplex
2	UK6-4/0	Secondary pedestal, fed with 4/0 MCM URD triplex
10	UP30-5AL	30 ft. aluminum street light pole with one 54 watt type 3 LED luminaire
368	UPVC 1	1 Schedule 40 PVC"
10109	UPVC 2.5	2.5 Schedule 40 PVC"
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
1	UVG6-2D-75	75 kVA DV/120-240 Pad-Mounted Transformer, Radial
8	UVG7-2D-100	100 kVA DV/120-240 Pad-Mounted Transformer, Loop
1	UVG7-2D-75	75 kVA DV/120-240 Pad-Mounted Transformer, Loop



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY
REX N. WOODS, P.E. 87089
APRIL 1, 2024

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.™

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GONZALES, TEXAS 78029-0118
800-223-GVEC(4832)
FAX 210-672-9841
e-mail info@gvec.org

DATE	12/12/2023	JOB NAME	WATERS EDGE UNIT 3
DRAWN BY	SB	WORK ORDER #	WO# 1970369
CHECKED BY		DATE	12/12/2023
SCALE	1"=60'	DWG NO.	GVC-3-W.24
DATE	12/12/2023	SHEET NO.	1 OF 1
DRAWN BY	SB	REV.	0