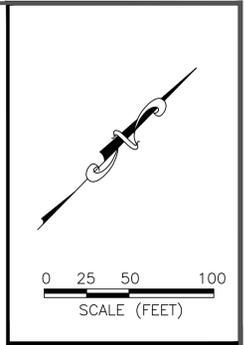
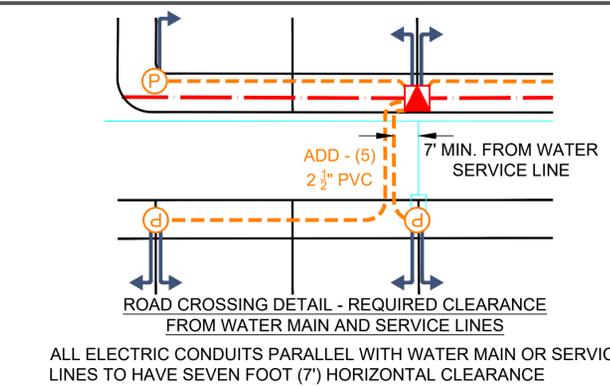


- GENERAL NOTES:**
- FOR FUTURE TEMPORARY SERVICE, STUB OUT (1) 2" FLEXIBLE ELECTRICAL PVC CONDUIT 6" BELOW GRADE CENTERED IN FRONT OF ALL TRANSFORMERS AND PEDESTALS. WHEN TEMPORARY SERVICE IS RETIRED, CUT OFF AND CAP 6" BELOW FINISHED GRAD.
 - VERIFY ALL UNDERGROUND UTILITIES BEFORE DIGGING.
 - GVEC TO HAVE 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
 - ALL CROSSINGS TO BE INSTALLED BY THE DEVELOPER'S CIVIL CONTRACTOR ACCORDING TO THE GVEC APPROVED FOR CONSTRUCTION DESIGN.
 - ALL ROAD CROSSINGS MUST CROSS ANY WET UTILITIES THAT ARE IN THE ROADWAY OR ROW AS WELL AND BE INSPECTED BY GVEC PERSONNEL.
 - WATER PROVIDED BY: SPRINGS HILL SUD
 - SEWER PROVIDED BY: GBRA

Quantity	QU	DESCRIPTION
4,500	U1/0AL25KV	1/0 AL 25KV Aluminum UFD Primary Cable
2,800	U3/0ALTP	3/0 MCM UFD Triplex Secondary Cable
400	U4/0ALTP	4/0 MCM UFD Triplex Secondary Cable
1,300	U12/2LFWGFD	12/2 LF Copper with Ground Street Light Cable
25	UK6-350	Secondary Pedestal, Fed with 350 MCM UFD Triplex
6	UK6-4-0	Secondary Pedestal, Fed with 4/0 MCM UFD Triplex
13	M60-C3LED	54W LED Type 3 LT for Aluminum Pole
13	LP30-5AL	30ft Aluminum Street Light Pole
630	LPVC-1	1" Schedule 40 PVC
11,180	LPVC2 1/2	2 1/2" Schedule 40 PVC
2	UVG5- Small	14.4 kv Single Phase Open Transformer (75kVA and below)
9	UVG7- Small	14.4 kv Single Phase Loop Transformer (75kVA and below)
5	UVG7- LARGE	14.4 kv Single Phase Loop Transformer (over 100 kVA)
5	100 PAD 14.4 120	100kVA Padmount Transformer
5	75 PAD 14.4 120	75kVA Padmount Transformer
3	50 PAD 14.4 120	50kVA Padmount Transformer
3	37.5 PAD 14.4 120	37.5kVA Padmount Transformer
1	UMB1-3	1 Phase Switch Cabinet, 3-Way
1	UMB3-3	3 Phase Switch Cabinet, 3-Way
1	UM2-4W#4-1-0	14.4kV Two Phase Pothead Wood Pole#4-1-0 OH
1	UM2-5W#4-1-0	14.4kV Three Phase Pothead Wood Pole#4-1-0 OH

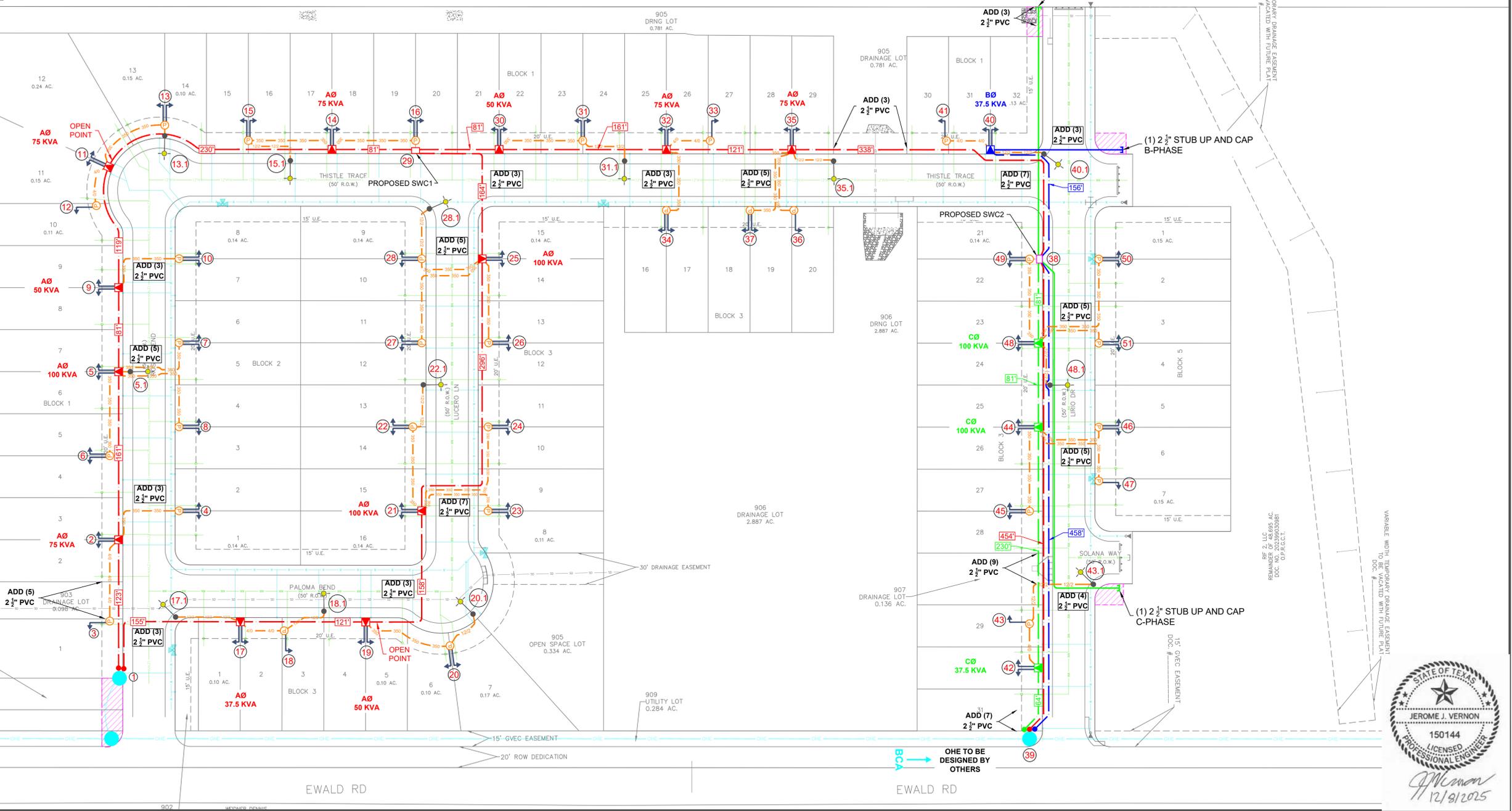


WO# 2084623
86 LOTS
13 LIGHTS

LOCATION MAP N.T.S.

GVEC LEGEND

- 3-4" ABC PHASE - 1000MCM AL 25KV WITH (1) 2 1/2" PVC FOR FIBER
- 3-2 1/2" ABC PHASE - 1/0 AL 25KV
- 1-2 1/2" A PHASE - 1/0 AL 25KV
- 1-2 1/2" B PHASE - 1/0 AL 25KV
- 1-2 1/2" C PHASE - 1/0 AL 25KV
- 1-2 1/2" SECONDARY - 350 TPLX WITH (1) 2 1/2" SPARE CONDUIT
- 1-2 1/2" SECONDARY - 4/0 TPLX WITH (1) 2 1/2" SPARE CONDUIT
- 1-1" STREET LIGHT - 12/2 W/GND
- BACK OF P.U.E.
- SECONDARY PEDESTAL
- TRANSFORMER
- 200A 1Ø SWITCH CABINET
- 200A SWITCH CABINET
- SWITCHGEAR
- 600A ENCLOSURE
- EASEMENT AREA
- NEW OVH POWER LINE
- EXISTING OVH POWER LINE
- NEW POWER POLE
- EXISTING POWER POLE
- URD RISER
- STREET LIGHT
- ANCHOR



DATE: 12/9/2025 7:14 AM User: JEFFREY KOHLENBERG
 FILE: T:\GVEC\2025\TRINITY GROVE UNIT 1\TRINITY GROVE UNIT 1.DWG

ISSUED FOR CONSTRUCTION

*** THE QUANTITIES SHOWN ON THE PLANS AND THE BID DOCUMENTS ARE ESTIMATED QUANTITIES AND BASED ON THE PLAN SET AND TO BE USED FOR BIDDING PURPOSE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESOLVE ANY PERCEIVED DISCREPANCIES IN THE QUANTITIES WITH THE OWNER PRIOR BEGINNING ANY CONSTRUCTION WORK.

M&S ENGINEERING
 ELECTRICAL | CIVIL | MEP
 TEXAS REGISTERED ENGINEERING FIRM F-1394

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 Delivering more.™

TRINITY GROVE UNIT 1

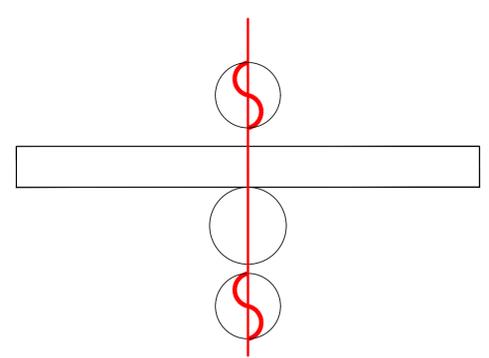
DESIGNER: S. KOHLENBERG	DATE: 12/09/2025
DRAWN: J. ALOMRAN	SCALE: SEE SCALE BAR
NO: 2084623	PAGE: 1 OF 2

STATE OF TEXAS
 JEROME J. VERNON
 150144
 LICENSED PROFESSIONAL ENGINEER
 12/9/2025

1

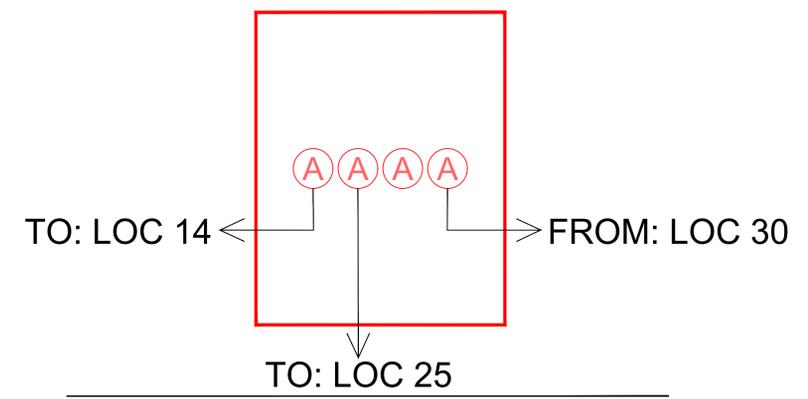
RISER POLE

I-(2) AØ RISER AND (2) 65A S&C FUSE



29

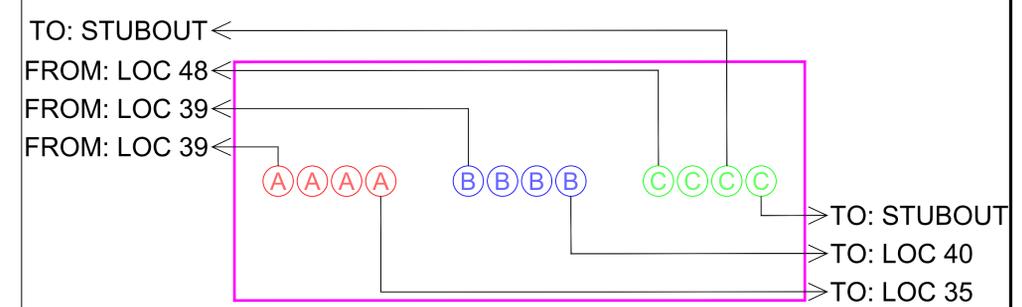
SWITCH CABINET 1



THISTLE TRACE

38

SWITCH CABINET 2

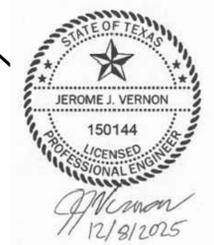
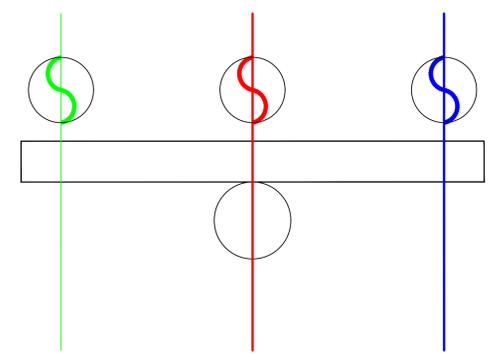


LIRIO DR.

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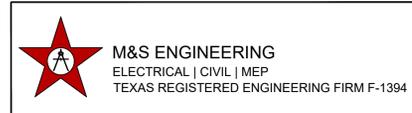
RISER POLE

I- (1) AØ RISER AND (1) 65A S&C FUSE
(1) BØ RISER AND (1) 65A S&C FUSE
(1) CØ RISER AND (1) 65A S&C FUSE



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TRINITY GROVE UNIT 1	
DESIGN: S. KOHLENBERG	DATE: 12/09/2025
DRAWN: J. ALOMRAN	SCALE: N/A
NO: 2084632	REV: DETAILS