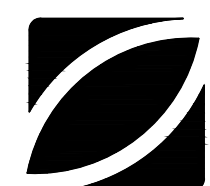




ARCHITECTURE | DESIGN | CONSTRUCTION.  
15810 PARK TEN PLACE, SUITE 300  
HOUSTON, TEXAS 77084  
713-465-4650  
www.sligroup.com

**Sage Capital Bank**  
Financial Wisdom. Texas Roots.  
121 S Magnolia Ave.  
Luling, TX 78648



EJ/PB PROJECT NUMBER: 26026.00

ISSUED FOR CLIENT APPROVAL	DATE	
ISSUED FOR BIDDING		
ISSUED FOR PERMIT	04/13/2026	
ISSUED FOR CONSTRUCTION		
REVISIONS		
MARK	DESCRIPTION	DATE
	PERMIT SET	04/13/2026



PRINT DATE

--	--

DRAWING TITLE

**ELECTRICAL SCHEDULE**

SHEET NO.

**E-5.00**

**E|B|E** Mechanical  
Electrical  
Plumbing  
CONSULTING ENGINEERS  
12603 Southwest Frwy, Ste 170, Stafford, TX 77477  
Tel: (713) 840-0177 / Firm Reg. No: 5638

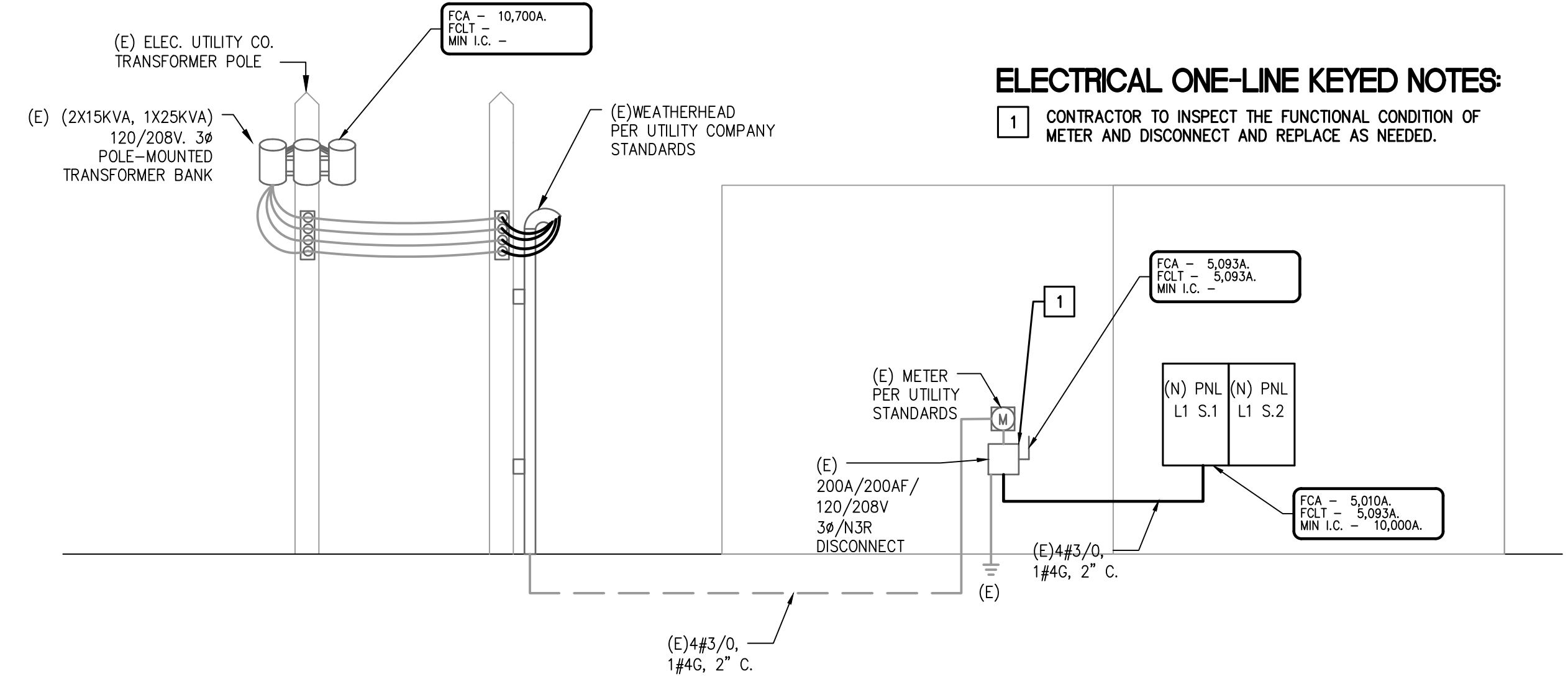
PM	SETUP	MECH	ELEC	PLBG	CHCK
JG	CC/JG	CC	JG	CC	JG

**ELECTRICAL DISTRIBUTION DIAGRAM NOTES:**

- CONDUCTOR SIZES SHOWN ARE FOR COPPER CONDUCTORS WITH THWN INSULATION IN EMT (4" C., OR LESS) OR RIGID CONDUIT (> 4" C.) PROVIDE GROUNDING CONDUCTORS FOR ALL CONDUIT. GROUNDING CONDUCTORS ARE NEEDED FOR ALL PVC CONDUIT.
- SHORT CIRCUIT CURRENT VALUES ARE GIVEN IN RMS SYMMETRICAL AMPERES. PREFIX 'FCA' INDICATES MAXIMUM AVAILABLE FAULT CURRENT. PREFIX 'FCLT' INDICATES APPARENT LET-THRU CURRENT FROM UPSTREAM CURRENT LIMITING DEVICE.
- ELECTRICAL SYSTEM SHALL BE FULLY RATED. SERIES RATED EQUIPMENT IS NOT ACCEPTABLE.
- PROVIDE FULL LENGTH, FULL SIZE INSULATED GROUND AND NEUTRAL BUS IN ALL PANELBOARDS.
- REFER TO ELECTRICAL UTILITY SPECIFICATIONS FOR ALL WORK AT SERVICE POINT OF ATTACHMENT.
- CONTRACTOR TO VERIFY FAULT CURRENT AVAILABLE AT UTILITY TRANSFORMER SECONDARY WITH ELECTRICAL UTILITY FOR THE FINAL SELECTION OF EQUIPMENT AIC RATINGS.
- SPARES AND SPACES ARE INDICATED ON PANELBOARD SCHEDULES.
- FLEXIBLE METAL CONDUIT SHALL NOT BE USED IN WET LOCATIONS OR WET AREAS.
- ALL FEEDER AND BRANCH CIRCUIT WIRING METHODS SHALL INCLUDE AN EQUIPMENT-GROUNDING CONDUCTOR PER NEC.
- ALL CONDUIT BELOW GRADE OR IN CONCRETE SLABS SHALL BE PVC. MAXIMUM CONDUIT SIZE FOR CONDUIT IN CONCRETE SLABS IS 3/4".
- A PERMANENTLY AFFIXED LABEL SHALL BE APPLIED WITH THE AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION. THE LABEL SHALL BE 2" X 3" IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND. THIS LABEL SHALL ALSO INCLUDE THE DATE OF THE CALCULATION. COH ELECTRICAL CODE 504.1.1.

**ELECTRICAL ONE-LINE KEYED NOTES:**

- CONTRACTOR TO INSPECT THE FUNCTIONAL CONDITION OF METER AND DISCONNECT AND REPLACE AS NEEDED.



**01 ELECTRICAL RISER DIAGRAM**  
SCALE: N.T.S.

**ELECTRICAL LOAD ANALYSIS**

PROJECT NAME: SAGE CAPT. BANK - LULING, TX  
PROJECT NUMBER: 26026.00

SERVICE VOLTAGE: 120/208V, 3 PHASE, 4 WIRE, WYE

SERVICE RATING: 200 AMPS

GROSS AREA: 3,372 SQUARE FEET

LOAD DESCRIPTION	CODE	CONNECTED LOAD (kVA)	DEMAND FACTORS (%)	DESIGN LOAD (kVA)	REMARKS
LIGHTS (1.3 VA/FT2):	4.4	4.8	125%	6.0	NEC 220.42, 43, 44, 45
SIGN LIGHTS:		2.4	125%	3.0	NEC 220.14.F
SITE LIGHTS:		0.0	125%	0.0	NEC 220.42, 43, 44, 45
RECEPTACLES:	3.4	4.5	10kVA+50%	4.5	NEC 220.14.H, I, J, K, 220.47
EQUIPMENT:		10.5	100%	10.5	NEC 220.14.A
WATER HEATERS:		1.5	100%	1.5	NEC 220.14.A
HVAC:		7.2	100%	7.2	NEC 220.14.C, 220.50
ELECTRIC HEAT:		0.0	100%	0.0	NEC 220.51
LARGEST MOTOR:		0.0	125%	0.0	NEC 430.22
TOTAL DESIGN LOAD:		33		33	kVA
@208V, 3 PHASE:		91		91	AMPS

NOTE: ALL LOADS AND DEMAND FACTORS ARE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NEC ARTICLE 220

PROJECT NAME: SAGE CAPT. BANK - LULING, TX  
PROJECT NUMBER: 26026.00

PANEL: **L1 S.1** NEW PANEL

VOLTAGE: 120/208V, 3PH, 4W BUS: 200 AMP MAINS: 200A. M.C.B. ACCESSORIES: INSULATED GROUND  
NEMA: 1 S.C.C.R.: 10KAIC FEED THRU LUGS

CODES: 0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=KITCHEN 7=PREVIOUSLY CALCULATED

CODE	LOAD	CIRCUIT DESCRIPTION	BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTION	LOAD	CODE	
0	1600	LIGHTING	20/1	1	A	2	20/1	OFFICE PC	900	2	
0	1600	LIGHTING	20/1	3	B	4	20/1	OFFICE GP	720	1	
0	400	DRIVE THRU LIGHTING	20/1	5	C	6	20/1	OFFICE PC	1200	2	
4	750	EW-1	20/2	7	A	8	20/1	OFFICE GP	720	1	
4	750	---	---	9	B	10	20/1	COPIER	720	2	
2	200	HVCP-1	20/1	11	C	12	20/1	WORK ROOM GP	360	1	
2	900	OFFICE PC	20/1	13	A	14	20/1	EDF *GFCI BREAKER*	800	2	
1	1080	OFFICE GP	20/1	15	B	16	20/1	JANITOR GFCI	360	1	
2	800	TELLER DED	20/1	17	C	18	20/1	GP	540	1	
2	800	TELLER DED	20/1	19	A	20	20/1	REF *GFCI BREAKER*	800	6	
1	180	TELLER GP	20/1	21	B	22	20/1	SMALL APPLIANCE	600	6	
2	800	CASH ROOM DED	20/1	23	C	24	20/1	SMALL APPLIANCE	600	6	
1	180	CASH ROOM GP	20/1	25	A	26	20/1	RESTROOM GFCI	360	1	
0	1200	MONUMENT SIGN	20/1	27	B	28	20/1	AHU-1	1354	7	
0	600	LANE LIGHTS	20/1	29	C	30	50/2	CU-1	2330	3	
0	1200	EXTERIOR SIGN	20/1	31	A	32	---	---	2330	3	
0	600	EXTERIOR LIGHTS	20/1	33	B	34	20/1	AHU-2	922	7	
		SPARE	20/1	35	C	36	25/2	CU-2	1248	3	
		SPARE	20/1	37	A	38	---	---	1248	3	
		SPARE	20/1	39	B	40	20/1	EF-1, EF-2	400	2	
		SPARE	20/1	41	C	42	20/1	ITM	1200	2	
LIGHTS		2800	1260	4120	3578	750	A	PHASE CONN. KVA	12.5	110	
RECEP		3400	2340	1660	0	750	B	12.5 LIGHTS @ 125%	13.2	110	
EQUIP		1000	900	4740	3578	0	C	10.4 EQUIP. @ 100%	9.0	75	
EL HEAT		7200	4500	10520	7156	1500	TOTAL	10.2 LG. MOTOR @ 125%	10.5	87	
PHASE								TOTAL	33.2 RECEPS @ 10kV+50%	32.7	91

SUB-FEED PANELS:

PANEL NAME	S.F. KVA	LOAD FACTORS	DES. KVA	DES. AMP
PANEL L1 S.2	0.0	SUB FEED @ 100%	0.0	0
<b>GRAND TOTAL</b>			<b>32.7</b>	<b>91</b>

PROJECT NAME: SAGE CAPT. BANK - LULING, TX  
PROJECT NUMBER: 26026.00

PANEL: **L1 S.2** NEW PANEL

VOLTAGE: 120/208V, 3PH, 4W BUS: 200 AMP MAINS: M.L.O. ACCESSORIES:  
NEMA: 1 S.C.C.R.: 10KAIC

CODES: 0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=KITCHEN 7=PREVIOUSLY CALCULATED

CODE	LOAD	CIRCUIT DESCRIPTION	BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTION	LOAD	CODE
		SPARE	20/1	42	A	44	20/1			
		SPARE	20/1	44	B	46	20/1			
		SPARE	20/1	46	C	48	20/1			
		SPARE	20/1	48	A	50	20/1			
		SPARE	20/1	50	B	52	20/1			
		SPARE	20/1	52	C	54	20/1			
		SPARE	20/1	54	A	56	20/1			
		SPARE	20/1	56	B	58	20/1			
		SPARE	20/1	58	C	60	20/1			
		SPARE	20/1	60	A	62	20/1			
		SPARE	20/1	62	B	64	20/1			
		SPARE	20/1	64	C	66	20/1			
LIGHTS		0	0	0	0	0	A	PHASE CONN. KVA	0.0	0
RECEP		0	0	0	0	0	B	0.0 LIGHTS @ 125%	0.0	0
EQUIP		0	0	0	0	0	C	0.0 EQUIP. @ 100%	0.0	0
EL HEAT		0	0	0	0	0	TOTAL	0.0 LG. MOTOR @ 125%	0.0	0
PHASE		0	0	0	0	0	TOTAL	0.0 RECEPS @ 10kV+50%	0.0	0