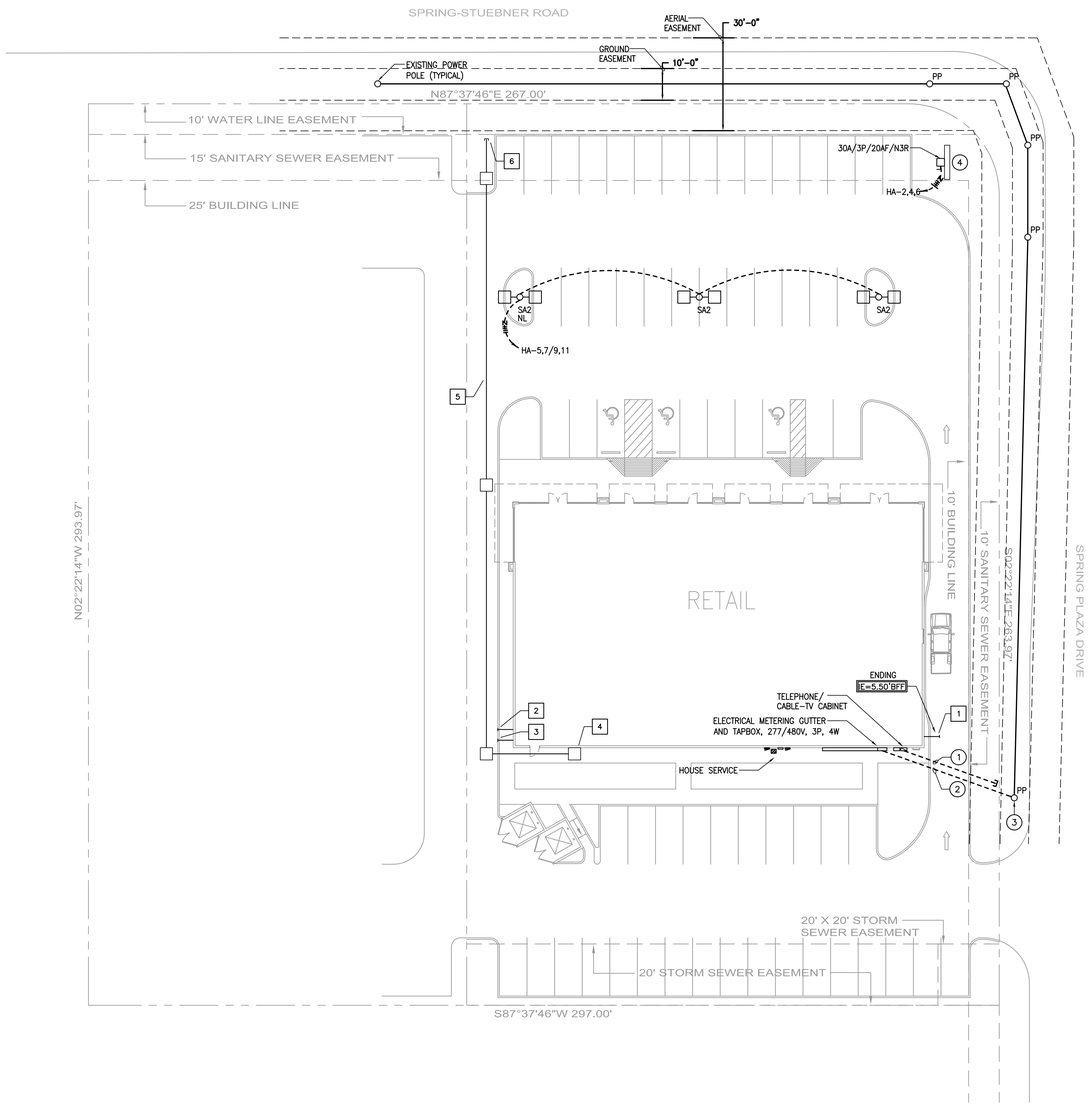
SITE LIGHTING FIXTURE SCHEDULE

FIXTURE DESIGNATION	MANUFACTURER	CATALOG NO.	FIXTURE					VOLT	MOUNTING	INPUT WATTAGE	POLE DESCRIPTION
			NO.	TYPE	COLOR	LUMENS	WATT				
SA2	BEACON	VP-L-64NBL-136-4K7-T4-480-RA	2	LED	4000K	15356	136	480	2-180 DEGREES POLE MOUNTED	300	25' ROUND TAPERED STEEL POLE POWDER COATED OVER GALVANIZED STEEL MOUNTED ON 2'-6" BASE. KW POLES INC. #RTSP25-6.1-11-KZ21-DM2180-BC

THIS LIGHTING FIXTURE SCHEDULE IS FOR REFERENCE AND FINAL APPROVAL SHALL BE PER ARCHITECT/OWNER

REFER TO CIVIL AND ARCHITECTURAL PLANS FOR EXACT SPECIFICATIONS AND REQUIREMENTS OF ALL LIGHTING POLES PRIOR TO PURCHASE AND INSTALLATION

SUBSTITUTION TO THE ABOVE LIGHTING MANUFACTURERS DOES NOT GUARANTEE APPROVAL. APPROVAL WILL BE DETERMINED AFTER REVIEW OF SHOP DRAWING TO DETERMINE IF THE FIXTURE OR POLE SUBMITTED MEETS OR EXCEEDS THE DESIGN STANDARDS AND PERFORMANCE REQUIRED OF THE ACTUAL FIXTURE SPECIFIED IN THE LIGHT FIXTURE SCHEDULE.



1 ELECTRICAL / PLUMBING SITE PLAN
SCALE: 1" = 20'-0"

PLUMBING KEYED NOTES

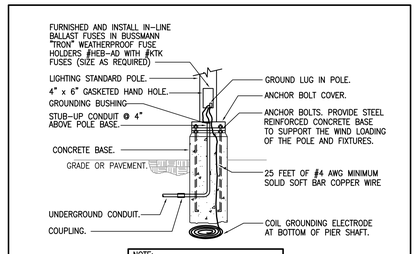
1. 4" SANITARY SEWER, CONTRACTOR TO MAKE CONNECTION AS NECESSARY TO SITE SANITARY SEWER PIPING. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION.
2. 2" DOMESTIC COLD WATER AT 50 PSI MINIMUM, CONTRACTOR TO MAKE CONNECTION AS NECESSARY TO SITE DOMESTIC WATER PIPING. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
3. 6" FIRE WATER SERVICE, CONTRACTOR TO MAKE CONNECTION AS NECESSARY TO SITE FIRE SERVICE PIPING. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
4. 4'X4' LEAVE-OUT IN CONCRETE FOR FUTURE NATURAL GAS PIPING/METER. VERIFY EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
5. PROVIDE 6" PVC SLEEVE FOR FUTURE NATURAL GAS PIPING BELOW GRADE. PROVIDE 4' X 4' LEAVE-OUT AT ALL 90° TURNS AND AT 100' INTERVALS. CONTRACTOR TO FILL IN LEAVE-OUTS AFTER GAS PIPING HAS BEEN INSTALLED. VERIFY EXACT DEMARCATION POINT WITH GAS COMPANY.
6. VERIFY EXACT DEMARCATION POINT WITH GAS COMPANY PRIOR TO INSTALLATION.

ELECTRICAL GENERAL NOTES

1. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
2. ALL JUNCTION BOXES, CONDUITS, AND WIRES SHALL BE SIZED PER NEC.
3. REFER TO DETAIL SHEET FOR SYMBOLS, SPECIFICATIONS AND ABBREVIATIONS.
4. ALL DEVICES AND EQUIPMENT OUTSIDE THE SCOPE OF WORK ARE EXISTING TO REMAIN U.O.N.
5. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
6. ALL EXTERIOR ELECTRICAL DEVICES SHALL BE LISTED AS WEATHERPROOF TYPE.
7. MAINTAIN 15'-0" MINIMUM CLEARANCE BETWEEN OVERHEAD LINES AND LIGHTING POLES.

ELECTRICAL KEYED NOTES

1. PROVIDE (2) 4" AND (1) 3" PVC EMPTY CONDUITS WITH PULL STRINGS FOR TELEPHONE AND CABLE-TV SERVICES FROM BUILDING TELEPHONE/CABLE-TV CABINETS TO CLOSEST SERVICE DEMARCATION POINT/PEDESTAL. COORDINATE WITH CIVIL DRAWINGS AND TELEPHONE/CABLE-TV COMPANY SERVING THE AREA FOR EXACT LOCATION AND CONDUIT TERMINATIONS.
2. PROVIDE (3) 3" CONDUITS FROM POLE MOUNTED TRANSFORMER TO NEW SERVICE GUTTER AS SHOWN FOR UNDERGROUND ELECTRICAL SERVICE CONDUCTORS. REFER TO ONE-LINE DIAGRAM FOR MORE INFORMATION.
3. PROPOSED UTILITY POLE MOUNTED TRANSFORMER LOCATION. NEW SERVICE SHALL BE 670A, 277/480V, 3ø, 4W.
4. PROVIDE (1) 2" SPARE PVC CONDUIT WITH PULL WIRE, (1) WEATHERPROOF DISCONNECT SWITCH, AND 4#8 + 1#8GND IN 2" CONDUIT FOR FUTURE SIGNAGE. COORDINATE ROUTING, TERMINATION POINTS, AND OTHER REQUIREMENTS WITH OWNER/SIGN VENDOR PRIOR TO INSTALLATION. CONTRACTOR TO STUB UP SPARE CONDUIT 6" ABOVE GRADE LEVEL AT EACH END, AND TO TAG AND CAP EACH END.



2 **METAL POLE WITH CONCRETE ANCHOR BASE ELECTRICAL REQUIREMENTS**
SCALE: NONE

SALAS O'BRIEN [expect a difference]
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Houston, Texas 77064
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Project No. 009-190647

02/13/2019 ISSUE FOR PERMIT/BID

02/13/19 BRADLEY KALMANS 80219 LICENSED PROFESSIONAL ENGINEER

CDA Architects
Member American Institute of Architects
20445 State Hwy 249, Suite 200
Houston, Texas 77070
832/678-9232 Fax 832/678-9240

ASHTON GRAY DEVELOPMENT

ELECTRICAL / PLUMBING SITE PLAN

10,720 SF Retail Shell
SPRING STUEBNER @ SPRING PLAZA
SPRING, TEXAS 77389

SCALE: AS NOTED
PROJECT: 19047
DATE: 02/13/19

EP100