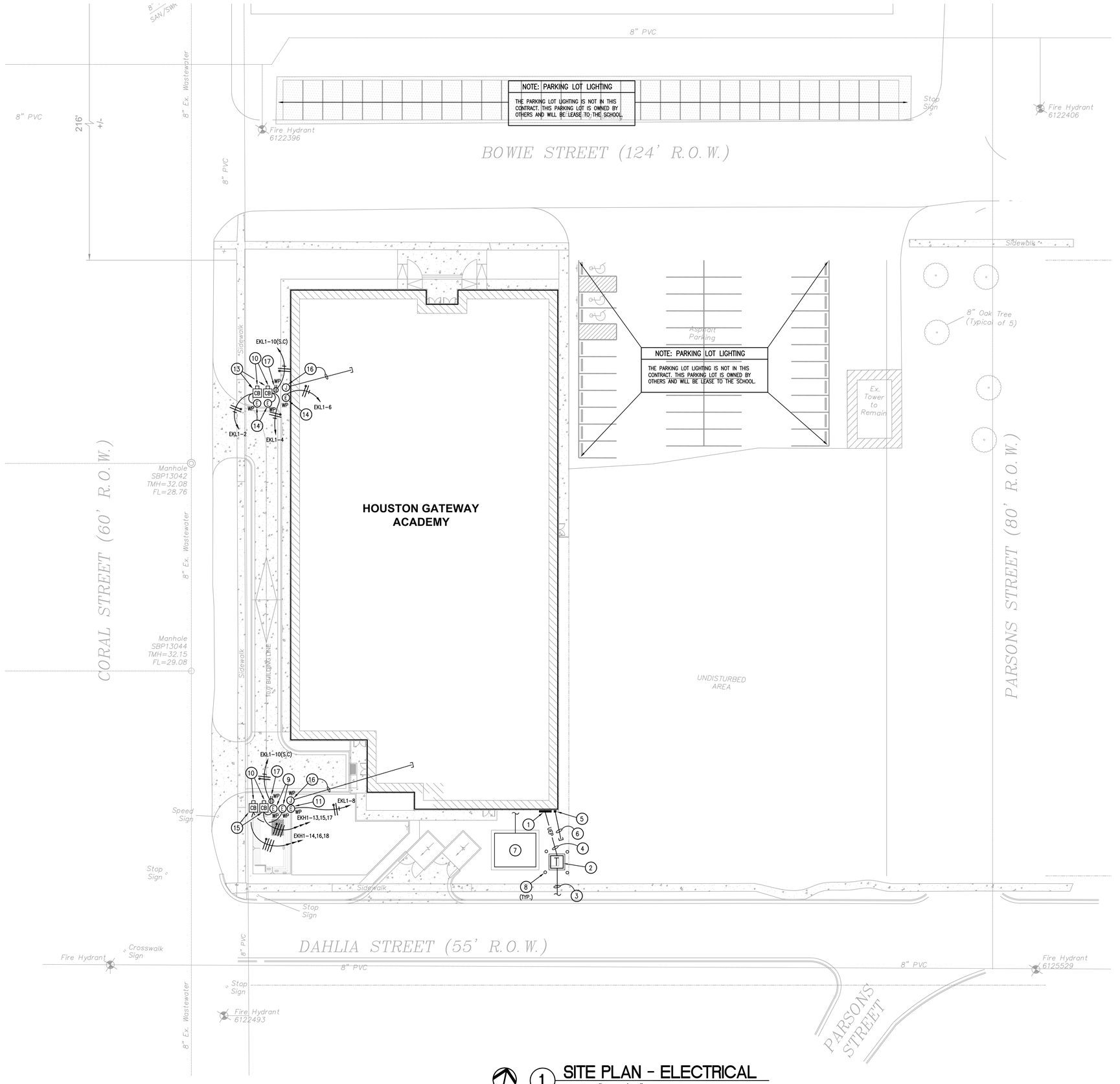

NORTH

1 SITE PLAN - ELECTRICAL

SCALE: 1" = 20'-0"

NOTE:

REFER TO DRAWINGS E2.0 FOR ALL EXTERIOR BUILDING LIGHTING.

SITE PLAN KEYED NOTES

1. ELECTRICAL SERVICE ENTRANCE LOCATION. REFER TO ELECTRICAL ONE-LINE DIAGRAM ON DRAWING E5.0.
2. NEW PAD MOUNTED TRANSFORMER BY LOCAL ELECTRIC COMPANY.
3. ROUTE 2- 4" EMPTY CONDUITS FOR PRIMARY SERVICE CONDUCTORS PER LOCAL ELECTRIC COMPANY REQUIREMENTS. TERMINATE AS DIRECTED BY LOCAL ELECTRIC COMPANY.
4. UNDERGROUND SECONDARY. REFER TO ELECTRICAL ONE-LINE DIAGRAM ON DRAWING E-5.0.
5. TELEPHONE & CATV SERVICE ENTRANCE.
6. ROUTE 2- 4" E.C. TO RISER POLE FOR TELEPHONE SERVICE AND 2- 2" FOR CATV SERVICE. TERMINATE AT POLE AS DIRECTED BY THE SERVING UTILITIES.
7. 800 KW DIESAL EMERGENCY GENERATOR. CONTRACTOR SHALL PROVIDE ALL COMPONENTS, DEVICES, ETC. AS REQUIRED FOR A COMPLETE AND FULLY OPERATIONAL WORKING SYSTEM.
8. PROVIDE PROTECTIVE BALLAST PER LOCAL ELECTRIC COMPANY STANDARDS.
9. ELECTRICAL CONNECTION TO (10HP) DETENSION SUMP PUMP, 480 VOLT, 3-PHASE. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION.
10. 25 AMP, 480 VOLT, 3-POLE ENCLOSED CIRCUIT BREAKER IN A HEAVY DUTY, NEMA 3R LOCKABLE ENCLOSURE.
11. ELECTRICAL CONNECTION TO DETENSION SUMP PUMP CONTROLLER, 120 VOLT, 1-PHASE. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION.
12. ELECTRICAL CONNECTION TO (6/10HP) SEWAGE EJECTOR PUMP, 120 VOLT, 1-PHASE. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION.
13. 20 AMP, 120 VOLT, 1-POLE ENCLOSED CIRCUIT BREAKER IN A HEAVY DUTY, NEMA 3R LOCKABLE ENCLOSURE.
14. ELECTRICAL CONNECTION TO SEWAGE EJECTOR PUMP CONTROLLER, 120 VOLT, 1-PHASE. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION.
15. CONTRACTOR SHALL MOUNTED ENCLOSED CIRCUIT BREAKER TO UNISTUT SUPPORT OR AS DIRECTED BY EQUIPMENT MANUFACTURER.
16. J-BOX FOR ALARM WARNING INDICATOR. ROUTE 3/4" E.C. BACK TO MONITORING ROOM. COORDINATE THE LOCATION OF THE MONITORING ROOM AND TERMINATE AS DIRECTED BY OWNER. ALL CONTROLS AND SWITCHING BY OTHERS.
17. PROVIDE WEATHER PROOF GFCI 120 VOLT, RECEPTACLE. MOUNT TO UNISTUT SUPPORT.

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CITY OF HOUSTON
PROJECT # 09044674

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NOTE: By act of submitting a bid for the proposed contract, the bidder warrants that the bidder has thoroughly inspected the project, the bidder has thoroughly understood the scope and thoroughly reviewed the drawings and specifications and other construction documents and have found them complete and free from any ambiguities and sufficient for the purpose intended. The bidder further warrants that to the best of the bidder's knowledge and the bidder's supplier's knowledge all materials and products specified or indicated herein are acceptable for all applicable codes and authorities.

STATE OF TEXAS
R. ROSS ALEMAN
98427
REGISTERED
PROFESSIONAL ENGINEER

PROJECT MGR:	
DRAWN BY: AYS	CHKD. BY: AYS

ISSUE DATES:

	date	issue
1	06.5.09	Permit Set

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SITE PLAN - ELECTRICAL

EU1.0