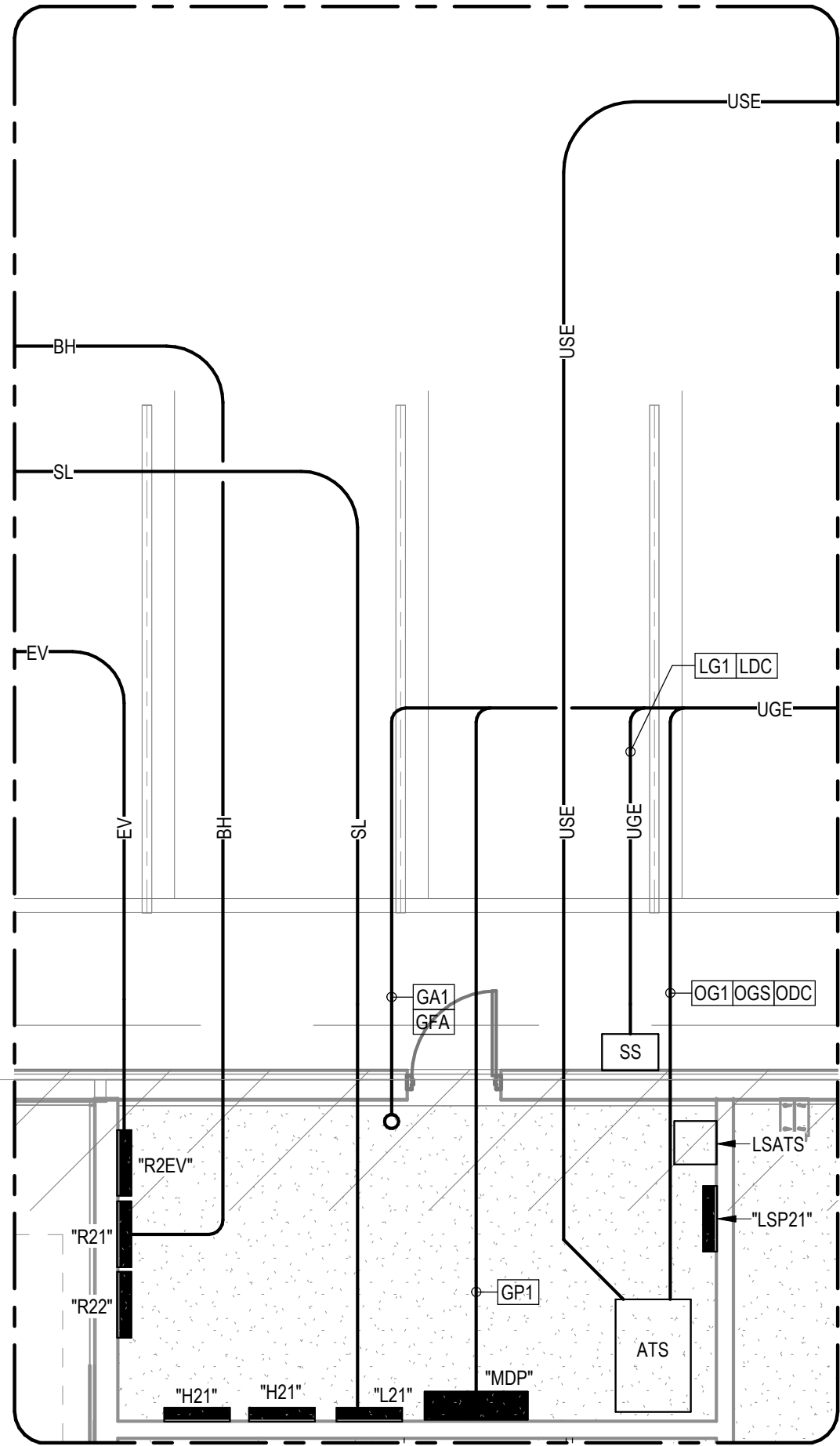
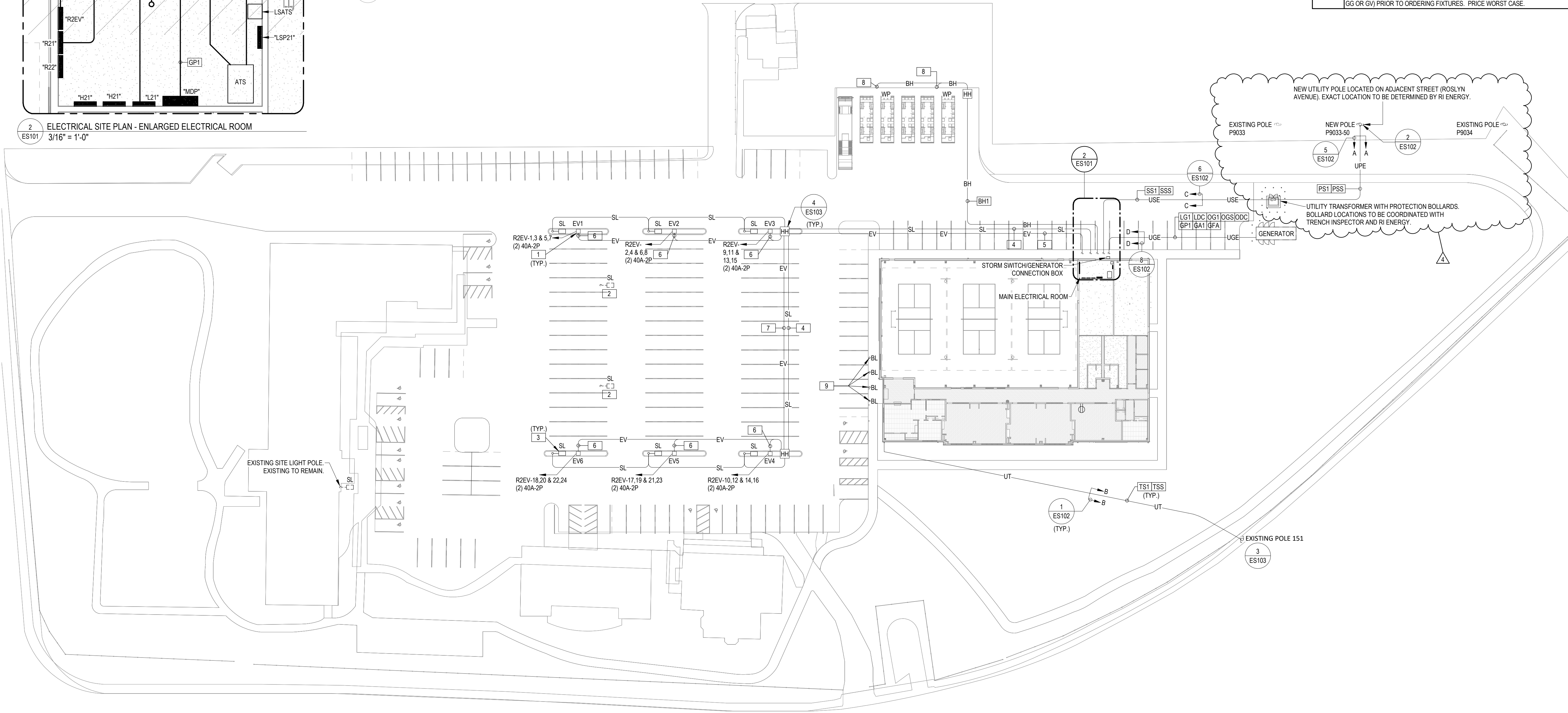




2
ES101
ELECTRICAL SITE PLAN - ENLARGED ELECTRICAL ROOM
3/16" = 1'-0"

A'



1
ES101
ELECTRICAL SITE PLAN
1/32" = 1'-0"

DUCT SCHEDULE				
NOTES:				
1. REFER TO DUCT BANK SECTIONS FOR CORRESPONDING CONDUIT AND CONDUCTOR.				
2. REFER TO THE TYPICAL DUCT BANK SECTION FOR DETAIL REQUIRED IN CONSTRUCTION OF THE DUCT BANK ENVELOPE.				
3. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION INCLUDING, BUT NOT LIMITED TO, DUCT BANK REINFORCEMENT REQUIRED UNDER PAVED AREAS AS INTENDED FOR VEHICULAR TRAFFIC AND AT MANHOLE/BUILDING INTERFACES.				
4. ALL CONDUCTORS INSTALLED IN DUCT SHALL BE SUITABLE FOR WET LOCATIONS.				
5. ALL SERVICE ENTRANCE CONDUCTORS INSTALLED IN DUCT SHALL BE TYPE USE.				
6. PROVIDE ALL EMPTY/SPARE CONDUITS WITH CAPS AND NYLON PULL LINE.				
7. ELECTRICAL CONTRACTOR SHALL MANDREL CONDUITS.				
8. RUN CONDUITS OUTSIDE OF CLASS I, DIV I OR II AREAS.				
9. PROVIDE SEALING FITTINGS AT BOTH ENDS OF CONDUIT.				
10. COORDINATE EXACT TELECOMMUNICATIONS CONDUIT REQUIREMENTS WITH SERVICE PROVIDER(S) PRIOR TO START OF ANY WORK.				
11. COORDINATE EXACT TEL/DATA REQUIREMENTS WITH EQUIPMENT/SIGN MANUFACTURER.				
12. PROVIDE 1,250 LBS MULE ROPE.				
TAG	EQUIPMENT NAME	CONDUIT	CONDUCTORS	NOTES
TS1	TELECOMMUNICATION SERVICE	1-4"	N/A (BY OTHERS)	1, 2, 3, 4, 7
TSS	TELECOMMUNICATION SPARE	1-4"	-	1, 2, 3, 4, 6, 7
PS1	PRIMARY ELECTRICAL SERVICE	1-4"	N/A (BY UTILITY COMPANY)	1, 2, 3, 4, 7, 12
PSS	PRIMARY ELECTRICAL SPARE	1-4"	-	1, 2, 3, 4, 6, 7, 12
SS1	SECONDARY ELECTRICAL SERVICE	4-4"	REFER TO ONE-LINE DIAGRAM	1, 2, 3, 4, 5
SSS	SECONDARY ELECTRICAL SPARE	1-4"	-	1, 2, 3, 4, 5, 6
BH1	BUS ENGINE BLOCK HEATER BRANCH CIRCUIT WIRING	1-2"	4#6, 1#6G	1, 2, 3, 4
LG1	LIFE SAFETY GENERATOR FEEDER VIA STORM SWITCH	1-2"	REFER TO ONE-LINE DIAGRAM	1, 2, 3, 4
LDC	LIFE SAFETY ATS, DC START (FROM GENERATOR CONTROL PANEL TO ESL, STORM SWITCH THEN TO ALL UNDERGROUND)	1-3/4"	REFER TO GENERATOR SCHEDULES	1, 2, 3, 4
OG1	WHOLE BUILDING ATS GENERATOR FEEDER	4-4"	REFER TO ONE-LINE DIAGRAM	1, 2, 3, 4
OGS	WHOLE BUILDING ATS GENERATOR SPARE CONDUIT	1-4"	-	1, 2, 3, 4, 6
ODC	OPTIONAL STANDBY DC START	1-3/4"	REFER TO GENERATOR SCHEDULES	1, 2, 3, 4
GP1	GENERATOR SET INTEGRAL PANEL FEEDER	1-2"	REFER TO ONE-LINE DIAGRAM	1, 2, 3, 4
GA1	GENERATOR ANNUNCIATOR	1-1"	REFER TO GENERATOR SCHEDULES	1, 2, 3, 4
GFA	GENERATOR FIRE ALARM STATUS SIGNAL WIRING; 1) GENERATOR RUNNING, (2) GENERATOR NOT IN AUTO, (3) GENERATOR FAIL	1-3/4"	REFER TO GENERATOR SCHEDULES	1, 2, 3, 4

GENERAL SITE PLAN SHEET NOTES

- DO NOT RUN ANY UNDERGROUND RACEWAYS WITHIN PLANTING AREAS OR LEACHING FIELDS. REFER TO CIVIL DRAWINGS FOR LOCATIONS. COORDINATE ROUTING WITH LANDSCAPE ARCHITECT.
- REFER TO CIVIL DRAWINGS FOR EXACT ROUTING OF UTILITIES. REFER TO LANDSCAPE DRAWINGS FOR EXACT LOCATION OF 'SITE' FIXTURES.
- ALL SITE LIGHTING WIRING SHALL BE 2#8, 1#6G, 1" C MINIMUM UNLESS SHOWN OTHERWISE.
- ALL EXTERIOR LIGHTING SHALL BE PROGRAMMED FOR PHOTOCELL "ON", TIMED "OFF" AND DIMMED LEVELS (VIA 0-10V SIGNAL). PROVIDE INDIVIDUAL CONTROL FOR EACH CIRCUIT. COORDINATE PROGRAMMING WITH OWNER.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF EXTERIOR WALL MOUNTED LIGHTING.
- REMOVE ALL SITE ELECTRICS WHEN NO LONGER REQUIRED.
- BELOW SLAB CONDUITS DO NOT REQUIRE CONCRETE ENCASEMENT.
- REFER TO SITE PLAN DETAILS FOR DUCT BANK INFORMATION.
- PROVIDE WEATHERPROOF SPLICES WITHIN HANDHOLES.

KEYED NOTES - ES101

NUMBER	DESCRIPTION
1	PROPOSED LOCATION OF FUTURE LEVEL 2 DUAL PORT EV CHARGER (12.48 KVA; 2X30X208V), EXACT LOCATION TO BE VERIFIED BY OWNER.
2	EXISTING SITE LIGHT POLE TO BE DEMOLISHED.
3	PROPOSED LOCATION OF NEW SITE LIGHT POLE. CONFIRM WITH CIVIL ENGINEER PRIOR TO INSTALLATION FOR EXACT LOCATIONS.
4	PROVIDE 1-2" C WITH 2#8 + 1#6G.
5	2-2" C. EACH WITH 12#6, 1#6G AND 1-2" C SPARE.
6	4#6, 1#6G, 1-1/4" C.
7	1-2" C WITH 12#6, 1#6G, AND 1-2" C SPARE.
8	2#10, 1#10G, 1" C.
9	E.C. SHALL INSTALL (4) ILLUMINATED BOLLARDS @ ENTRANCE AND WIRE TO TIME CLOCK IN ELECTRICAL ROOM 119 WITH 4#12-1#12G IN 3/4" C (LIGHTING & CONTROL) FOR EACH BOLLARD. COORDINATE WITH CIVIL AS REQUIRED. BOLLARD SHALL BE FX LUMINAIRE A-BR10. COORDINATE WITH ARCHITECT TO CONFIRM ACCESSORIES AND ORIENTATION (GP, GS OR GV) PRIOR TO ORDERING FIXTURES. PRICE WORST CASE.



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RISE: 20231471

EAST PROVIDENCE COMMUNITY CENTER

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EAST PROVIDENCE, RI
02914

1 RFI #5	9/29/2025
4 RFI #39	2/05/2026

Scale **As indicated**
Date **05/28/2025**
Drawn by **JC**
Reviewed by **SC**
Job No. **23-0045**

Drawing Name
ELECTRICAL SITE PLAN

Drawing No.
ES101

ISSUED FOR PERMIT