



LIGHTING FIXTURE LEGEND

- ALL ITEMS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT
-  PICKLE BALL SITE LIGHT FIXTURE (LUMINAIRE). REFER TO LIGHT FIXTURE SCHEDULE AND ASSOCIATED POLE BASE DETAIL.
-  DECORATIVE SITE LIGHT FIXTURE (LUMINAIRE). REFER TO LIGHT FIXTURE SCHEDULE AND ASSOCIATED POLE BASE DETAIL.






GENERAL 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 WIRING SHALL BE 2#8, 8'1#8G, 1" C MINIMUM UNLESS SHOWN OTHERWISE.
- ALL EXTERIOR LIGHTING SHALL BE PROGRAMMED FOR TIMED "ON", TIMED "OFF". PROVIDE INDIVIDUAL CONTROL FOR EACH CIRCUIT. COORDINATE PROGRAMMING WITH OWNER.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF EXTERIOR WALL MOUNTED LIGHTING.
- ALL SPLICES AND CONNECTIONS WITHIN HANDHOLES SHALL BE WEATHERPROOF.






KEYED SHEET NOTES

- EXISTING 2" CONDUIT FEEDER TO REMAIN.
- EXISTING UNDERGROUND 2" CONDUIT FEEDER TO REMAIN. REWORK FEEDER TO ACCOMMODATE NEW PANEL.
- EXISTING UNDERGROUND 2" CONDUIT FEEDER TO REMAIN. REWORK FEEDER TO ACCOMMODATE NEW PANEL.
- REPLACE EXISTING GFCI RECEPTACLE AND WEATHERPROOF COVER WITH NEW.
- ALL CONDUITS SHALL BE 1.25" C. UNLESS NOTED OTHERWISE.
- 1" C. FOR PICKLE BALL LIGHTING.
- TYPICAL EXISTING CONDUIT SLEEVE. VERIFY EXACT LOCATION OF THOSE WHICH WILL BE UTILIZED.
- EXTEND CONDUIT AND CAP BELOW GRADE.
- EXISTING MOUNTING STRUCTURE, J-BOX, TWO (2) GFCI RECEPTACLES, FEEDER STUB-UPS, EXISTING FEEDER SERVING PANEL "RP2", PULLED THROUGH EXISTING J-BOX SHALL BE REWORKED AS REQUIRED TO ACCOMMODATE NEW "HH" HANDHOLE AND "PP2" 2 GANG OUTDOOR POWER PEDESTAL WITH TWO (2) GFCI RECEPTACLES (SEE ELECTRICAL LEGEND FOR ADDITIONAL INFORMATION). EXISTING FEEDER AND BRANCH CIRCUITRY SHALL BE PULLED OUT AND REPULLED INTO REWORKED RACEWAY SYSTEM. FEEDER MAY BE SPLICED IN HANDHOLE WITH ILSCO UNDERGROUND WEATERTIGHT INSULATED MECHANICAL LUGS. BRANCH CIRCUITS MAY BE SPLICED IN HANDHOLE WITH WEATHERPROOF WIRE NUTS. EXTEND EXISTING WIRING AS NEEDED. THE INTENT OF THE ABOVE WORK IS FOR AESTHETIC PURPOSES, REQUESTED BY THE OWNER.
- EXISTING MOUNTING STRUCTURE, J-BOX, TWO (2) GFCI RECEPTACLES, CONDUIT STUB-UPS SHALL BE REWORKED AS REQUIRED TO ACCOMMODATE NEW "HH" HANDHOLE AND "PP2" 2 GANG OUTDOOR POWER PEDESTAL WITH TWO (2) GFCI RECEPTACLES (SEE ELECTRICAL LEGEND FOR ADDITIONAL INFORMATION). EXISTING BRANCH CIRCUITRY SHALL BE PULLED OUT AND REPULLED INTO REWORKED RACEWAY SYSTEM. BRANCH CIRCUITS MAY BE SPLICED IN HANDHOLE WITH WEATHERPROOF WIRE NUTS. EXTEND EXISTING WIRING AS NEEDED. THE INTENT OF THE ABOVE WORK IS FOR AESTHETIC PURPOSES, REQUESTED BY THE OWNER.
- ELECTRICAL CONTRACTOR SHALL REMOVE AND REINSTALL EXISTING TIMECLOCK, PHOTOCELL, ETC. TO ACCOMMODATE THE PANEL REPLACEMENT.
- EXISTING POLE AND LIGHTING IS TO REMAIN.

SITE LEGEND


- ALL ITEMS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT
-  HANDHOLE; REFER TO HANDHOLE DETAIL FOR ADDITIONAL INFORMATION.
-  UNDERGROUND ELECTRIC FEEDER SERVING EXISTING PANEL.
-  UNDERGROUND ELECTRIC FEEDER SERVING EXISTING SUB-PANEL.
-  UNDERGROUND SITE LIGHTING WIRING, 24" BELOW GRADE.
-  UNDERGROUND RECEPTACLE WIRING, 24" BELOW GRADE.

POWER OUTLETS & DEVICES LEGEND

- ALL ITEMS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT
- POWER RECEPTACLES:**
ALL RECEPTACLES SHALL BE MOUNTED AT 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. THE FOLLOWING DESIGNATIONS SHALL APPLY TO ALL RECEPTACLES TYPES:
- WP = WEATHERPROOF. WEATHERPROOF RECEPTACLES SHALL BE "WHILE IN USE" WEATHERPROOF RATED.
-  DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE ON NORMAL CIRCUIT. RECEPTACLES ALONG PATHWAY MOUNTED IN LEGRAND OUTDOOR POWER PEDESTAL.
-  JUNCTION BOX.
-  TIME CLOCK.
-  OUTDOOR POWER PEDESTAL. 30" TALL, 1 GANG DEVICE PLATE WITH ONE (1) 20A GFCI RECEPTACLE WITH HINGED COVER THAT PROVIDES IN-USE PROTECTION. COLOR BLACK.
MANUF.: LEGRAND
CAT. #: XPP1G30C-BK
PROVIDE POLE BASE. SEE DETAIL #5 ON DRAWING ES1.1.
-  OUTDOOR POWER PEDESTAL. 30" TALL, 2 GANG DEVICE PLATE WITH TWO (2) 20A GFCI RECEPTACLES WITH HINGED COVER THAT PROVIDES IN-USE PROTECTION. COLOR BLACK.
MANUF.: LEGRAND
CAT. #: XPP2G30C-BK
PROVIDE POLE BASE. SEE DETAIL #5 ON DRAWING ES1.1.

SHEET LIST

SHEET NUMBER	SHEET NAME
ES1.0	ELECTRICAL SITE PLAN AND LEGEND
ES1.1	ELECTRICAL SITE DETAILS
E2.0	SCHEDULES
E3.0	SPECIFICATIONS



DIVISION OF THE INSE GROUP

HVAC - ELECTRICAL - PLUMBING - FIRE PROTECTION

DBA CREATIVE ENVIRONMENT CORP.

185 FRANKLIN STREET, SUITE 200, PROVIDENCE, RI 02903

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CONSULTANTS

SEALS

12/14/2022

STEVEN COSTA

No. 7813

REGISTERED PROFESSIONAL ENGINEER (ELECTRICAL)

REVISIONS

Mark	Date	Description
-	-	-

PROJECT

EAST PROVIDENCE SENIOR CENTER
610 WATERMAN AVENUE
EAST PROVIDENCE, RI 02914

SHEET TITLE

ELECTRICAL SITE PLAN AND LEGEND

Project No.	20220065
Designed by	S.C.
Drawn by	D.D.
Checked by	S.C.
Issued on	12/13/2022
Scale	AS NOTED

SHEET

ES1.0

1 NEW WORK SITE PLAN
SCALE: 1" = 20'-0"

NOTE:
PROVIDE QUAZITE TYPE PG SERIES POLYMER CONCRETE HANDHOLE AND LID RATED FOR ANSI TIER 22, WITH A DESIGN/TEST LOAD OF 22,500/33,750 LBS.

TYPE	DESCRIPTION	DIMENSIONS		
		A	B	C
HH	ELECTRICAL HANDHOLE	24"	13"	24"

COVER

1"x4" PULL SLOT

3/8" STAINLESS STEEL HEX HEAD BOLT WITH WASHER

SKID RESISTANT SURFACE

BASE

A

B

C

GRAVEL BASE 12" DEEP (MIN)

4 MOUSE HOLES

EXTENSION

KNOCKOUTS (6)

NOTES:

1. STANDARD HANDHOLE AND COVER COLOR SHALL BE AS SPECIFIED BY THE ARCHITECT.

2. PROVIDE 1" X 4" BELL PULL SLOT FOR EACH HANDHOLE.

3. PROVIDE HANDHOLES BY QUAZITE OR APPROVED EQUAL.

4. COVER, RING AND BOX SHALL BE MADE OF THE SAME MATERIAL.

5. PROVIDE IMPRINTED LOGO TO MATCH.

1

HANDHOLE DETAIL

NOT TO SCALE

EXISTING GRADE, ASPHALT, OR GRASS

NEW ASPHALT OR LOAM & GRASS TO MATCH EXISTING

CONTINUOUS YELLOW WARNING TAPE

24"

10"

FINE SELECTED BACK FILL

CLEAR SAND

CONDUIT

2

BURIED CONDUIT DETAIL

NOT TO SCALE

ELECTRICAL CONTRACTOR SHALL PROVIDE ENGRAVED COVERPLATES TO INDICATE PANEL NAME AND CIRCUIT NUMBER. (TYP)

2PR - 15

3

TYPICAL RECEPTACLE LABELING DETAIL

NOT TO SCALE

1/2" CHAMFER (TYP)

ANCHOR BOLT QUANTITY, SIZE AND BOLT CIRCLE DIAMETER AS PER APPROVED POLE SHOP DRAWINGS

REBAR CAGE, #6 ROD AT CORNERS AND #3 TIES AT 12" O.C.

EMPTY RACEWAY STUBBED 48" FROM POLE BASE WHERE BASE IS AT END OF CIRCUIT RUN; AND AS INDICATED ON SITE PLAN.

POLE WITH FINISH TO MATCH FIXTURE

HANDHOLE AND OPENING FOR GFCI RECEPTACLE. WITH TAMPER PROOF BOLTS (GROUNDING LUG BEHIND)

FULL ANCHOR BOLT BASE COVER

24" MIN.

48" MIN.

BRANCH CIRCUIT & CONTROL RACEWAYS; (2) 1.25" C. MIN. UNLESS NOTED OTHERWISE ON PLANS.

BASE TO BE SAME SHAPE AS POLE, SEE NOTE #2.

4

POLE BASE WITH JUNCTION BOX DETAIL

NOT TO SCALE

NOTES:

1. POLE BASE SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.

2. ROUND POLE = ROUND BASE, SQUARE POLE = SQUARE BASE. BASE TO BE 2" LARGER THAN POLE ANCHOR BOLT COVER IN EACH DIMENSION, 18" MINIMUM.

3. PITCH FINISHED GRADE AWAY FROM POLE BASE.

6"x3"

EXTERIOR RECEPTACLE PEDESTAL [PP1], [PP2]

PEDESTAL BASE

1" CHAMFER

3/8" CONCRETE STUDS (4) REQUIRED

CONCRETE

1" CONDUITS

GRADE

30" MIN.

24" MIN.

10" SQ.

5

EXTERIOR RECEPTACLE PEDESTAL BASE DETAIL

NOT TO SCALE

NOTES:

1. PEDESTAL BASE SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.

2. ROUND PEDESTAL = ROUND BASE, SQUARE PEDESTAL = SQUARE BASE. BASE TO BE 2" LARGER THAN PEDESTAL ANCHOR BOLT COVER IN EACH DIMENSION, 18" MINIMUM.

3. PITCH FINISHED GRADE AWAY FROM PEDESTAL BASE.

3-1/8"

PANELBOARD:
100A 208Y/120V
FED FROM _____

1/4" LETTERS (TYP)

6

TYPICAL PANELBOARD NAMEPLATE DETAIL

NOT TO SCALE

NOTES:

1. NAMEPLATES SHALL BE FURNISHED AND INSTALLED ON THE METER CENTERS/SWITCHBOARD AND METER CENTERS/SWITCHBOARD CIRCUIT BREAKERS, PANELBOARDS, TRANSFORMERS, JUNCTION BOXES, CABINETS FOR ALL SPECIAL PURPOSE SWITCHES, MOTOR DISCONNECT SWITCHES, STARTERS AND OTHER CONTROLS FURNISHED UNDER THIS CONTRACT, TO DESIGNATE THE EQUIPMENT CONTROLLED AND FUNCTION.

2. NAMEPLATES SHALL BE LAMINATED WHITE BAKELITE WITH 1/4" HIGH BLACK RECESSED LETTERS.

3. NAMEPLATES SHALL BE SECURELY ATTACHED TO THE EQUIPMENT WITH GALVANIZED SCREWS OR RIVETS.

4. ADHESIVES OR CEMENTS WILL NOT BE PERMITTED.

Creative

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SHEET

ES1.1