



• Parks and Recreation •
JoEllen Grandy • Parks Planner
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ADDENDUM #3

Project : Layton City Commons Park Improvements, Project 22-05
(437 N. Wasatch Dr. – Layton, UT 84041)

From: JoEllen Grandy, Parks Planner
Layton City Parks & Recreation
465 N. Wasatch Dr.
Layton, UT 84041
801.336.3926
jgrandy@laytoncity.org

Date: June 1, 2023

Re: Request for Information

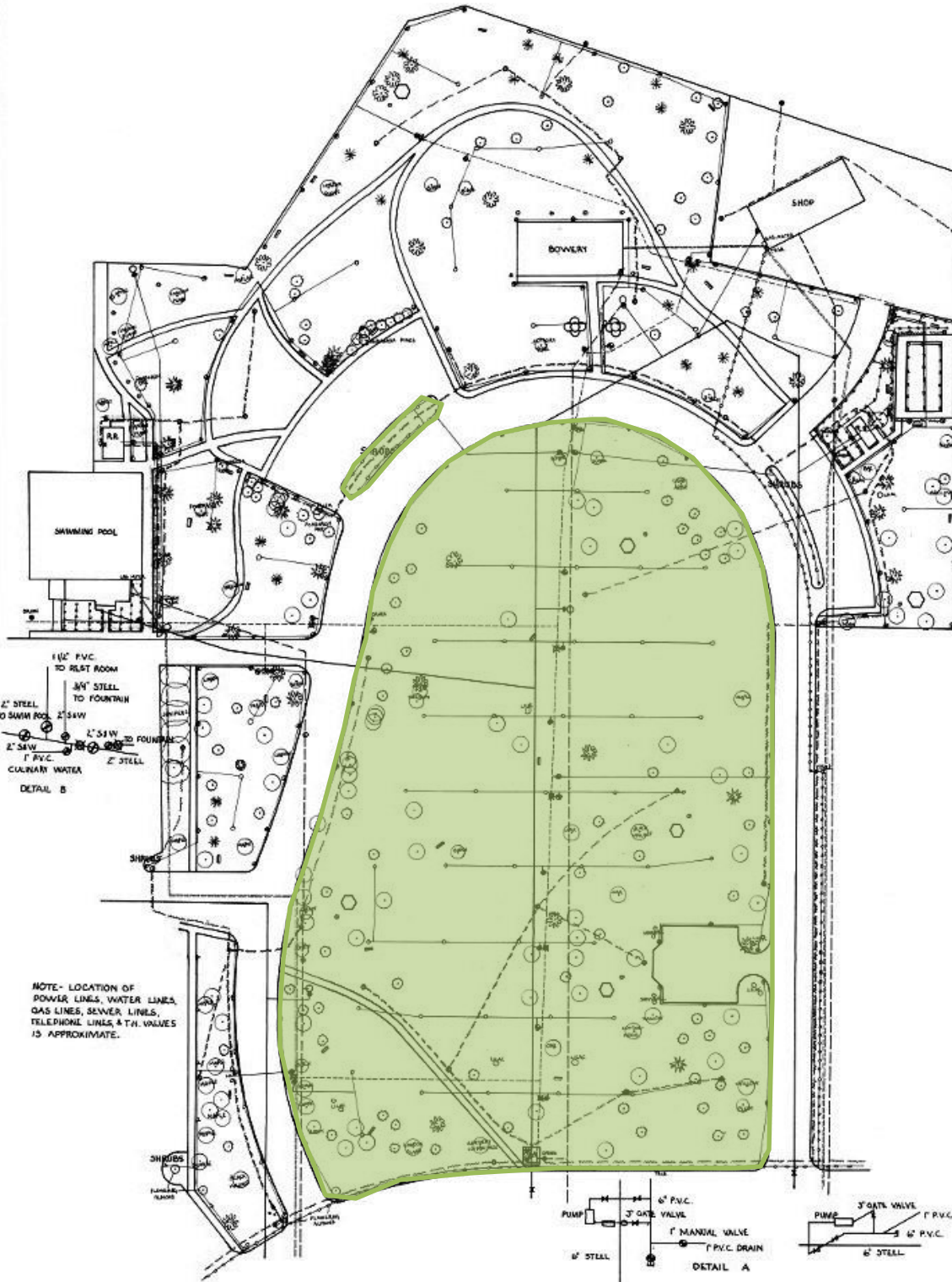
1. Please see the updated Electrical Plans for the Commons Park Improvements Project.

You will note on Sheet ES601, it is a 400A single phase system.

2. Questions regarding the irrigation plans:

a. Does the clock just run the area in Constitution Circle?

The clock runs all of the area in constitution circle plus a small island strip as shown below in green:



SCALE 1" = 30'
D. VINCENT

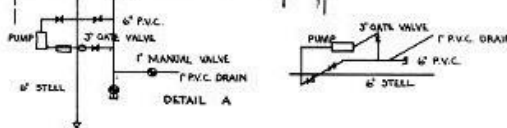
10.72 ACRE

LEGEND

- #41 R.C. RAINBIRD POP-UP
- ⊙ #47 R.C. RAINBIRD POP-UP
- △ #37 R.C. RAINBIRD POP-UP
- ⊕ #2.00 T.H. VALVE
- ⊕ #44 QUICK COUPLER VALVE
- ⊕ #150 T.H. VALVE
- ⊕ IRRIGATION CONTROLLER
- ⊕ STOP & WASTE VALVE
- LIGHT
- ⊕ GARBAGE CAN CONTAINER
- ⊕ ELECTRICAL TRANSFORMER
- WATER FOUNTAIN
- ⊕ BENCH
- SMALL BOVERY
- ⊕ ELECTRICAL OUTLET
- ⊕ GATE VALVE
- ⊕ #2800 SPRAY POP-UP
- SEWER MANHOLE
- ELM TREE - UNLESS INDICATED
- ⊕ ASH TREE
- ⊕ HONEYLOCUST TREE
- COLORADO SPRUCE - UNLESS INDICATED
- ⊕ AUSTRALIAN PINE
- STEEL WATER LINE
- PVC IRRIGATION MAIN LINE
- PVC IRRIGATION LATERAL LINE
- SEWER LINE
- TELEPHONE LINE
- ELECTRICAL LINE
- GAS LINE

1/2" PVC TO REST ROOM
3/4" STEEL TO FOUNTAIN
2" STEEL TO SHOWER
2" SEW TO FOUNTAIN
2" SEW TO FOUNTAIN
1" PVC CUBBET WATER
DETAIL B

NOTE - LOCATION OF POWER LINES, WATER LINES, GAS LINES, SEWER LINES, TELEPHONE LINES, & T.H. VALVES IS APPROXIMATE.

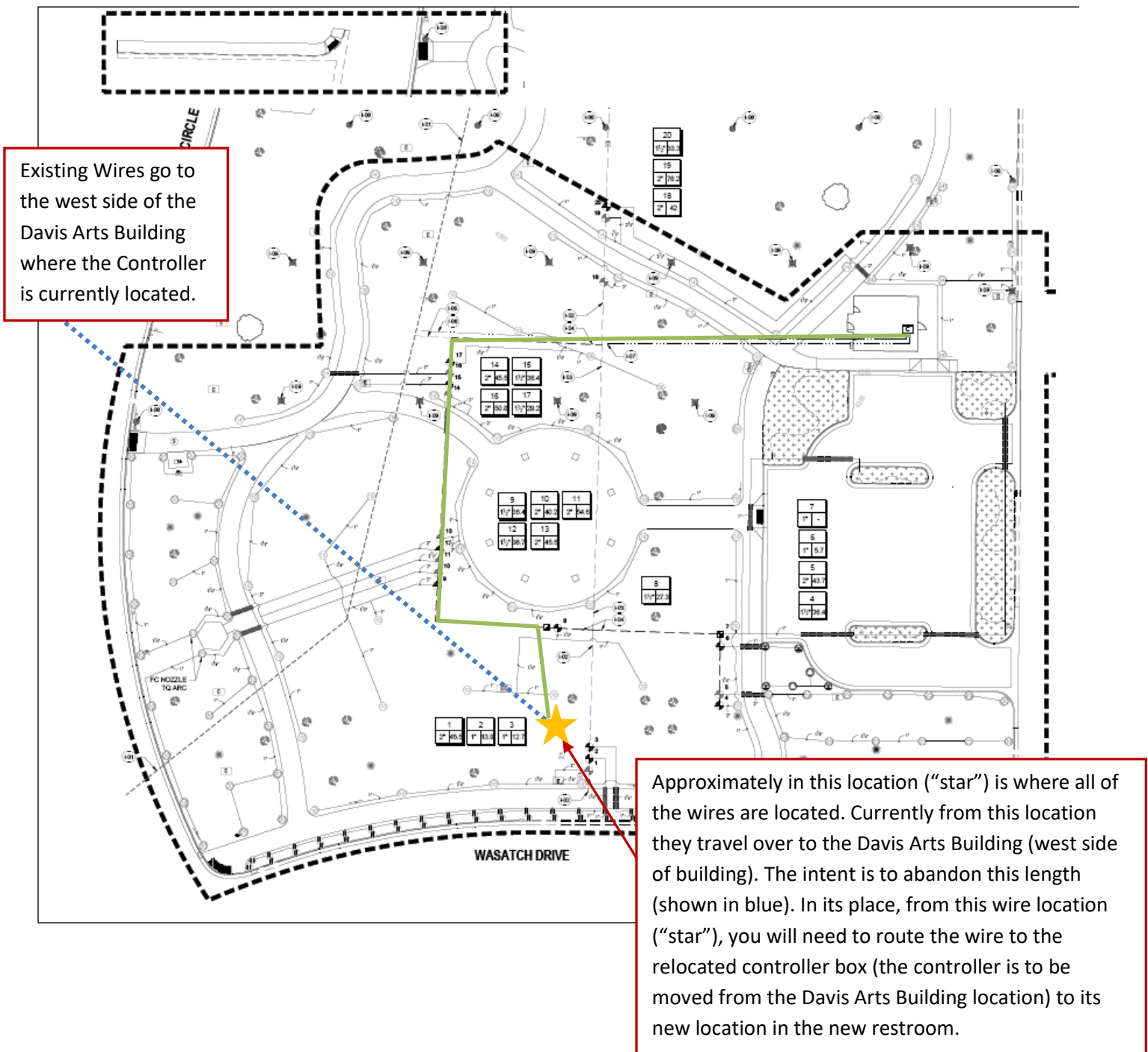


- b. Can we get a better as-built showing the existing valve boxes and a valve count showing what valves will need to be hooked up to the new clock location?

Please see the attached as-built map provided with better resolution. Most of the valve boxes are located along the original main line. The rescanned map has better clarity to note where those are located. All of the valves numbered will need to be hooked up to the new clock location.

- c. Can we get a detail showing how to get wire back to the new clock location? Will the wire need to be in conduit and how are they to be installed/how deep?

Please see the map below for how to get the existing wires to the new clock location. The wires are to be bundled and direct buried in the ground at 18" depth.



d. Can we get a parts list of what needs to be added to the existing clock?

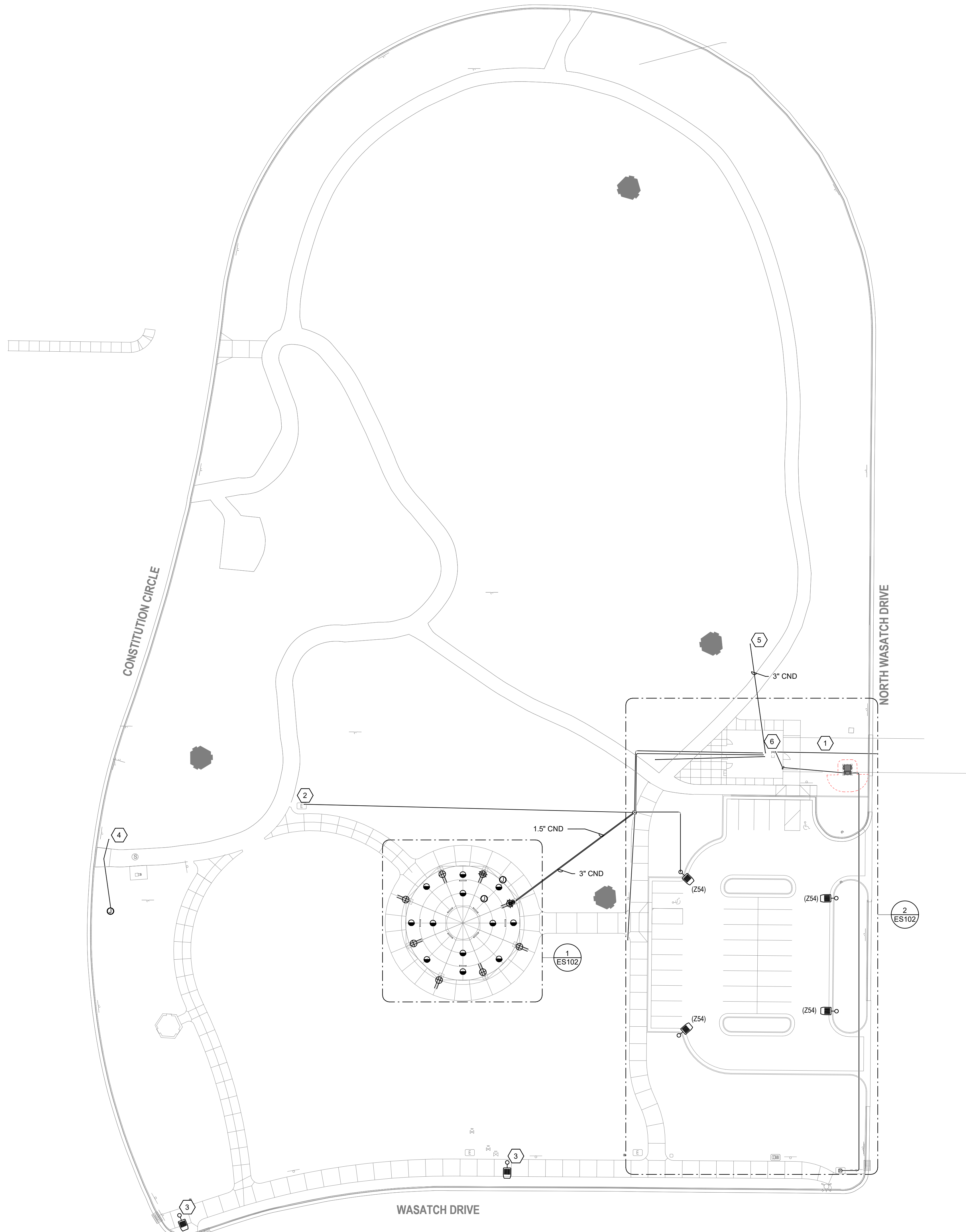
C

EXISTING WEATHERTRAK ETPRO3 W/NEW EXPANSION
RELOCATE FROM EXISTING LOCATION JUST EAST OF THE
DAVIS ARTS COUNCIL BUILDING. EXPAND 18 STATION TO
30 STATION CONTROLLER BY PROVIDING ADDITIONAL 24
STATION OUTPUT BOARD AND SUPPLEMENTAL 6-STATION
KEY. WIRE TO ALL NEW AND EXISTING ZONES TO REMAIN.



The existing controller is to be re-used. The station is to be expanded by providing an additional 24 station output board and supplemental 6-station key. Please reach out to Weathertrak for any additional details desired.





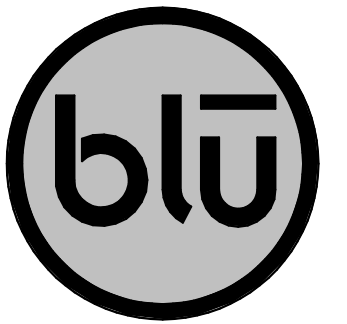
1 ELECTRICAL SITE PLAN
SCALE: 1/32" = 1'-0"

GENERAL SHEET NOTES

- 1 THE ELECTRICAL CONTRACTOR SHALL MEET WITH AND COORDINATE WITH ALL SERVICE PROVIDERS (POWER, COMMUNICATION, CABLE/SATELLITE, ETC.) TO THE FACILITY ON SITE PRIOR TO ANY WORK BEING PERFORMED. CONFIRM WITH EACH SERVICE PROVIDER EXACT LOCATIONS EQUIPMENT AND ROUTING. COMPLY WITH ALL SERVICE PROVIDER'S CURRENT STANDARDS AND REQUIREMENTS. PROVIDE THE REQUIRED EQUIPMENT, RACEWAYS, BOXES, CABLE, ETC. AS REQUIRED BY THE SERVICE PROVIDER WEATHER SHOWN ON THE DRAWINGS OR NOT.
- 2 FOR ALL LIGHT FIXTURES, POLE LIGHTS, AND ALL OTHER ELECTRICAL DEVICES THE CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS WITH ARCHITECT, OWNER, ENGINEER, AND ALL OF THE CONTRACT DOCUMENTS PRIOR TO ROUGH IN AND TRENCHING.
- 3 CONTRACTOR IS RESPONSIBLE FOR ALL TRENCHING, BACKFILL, AND COMPACTION ASSOCIATED TO ALL ELECTRICAL UNDERGROUND RACEWAYS AND CABLES. COORDINATE WITH ARCHITECTURAL AND CIVIL DRAWINGS. SEE UNDERGROUND RACEWAY DETAILS FOR REQUIREMENTS FOR EACH TRENCH.
- 4 CONTRACTOR SHALL INSTALL POLE MOUNTED LIGHTS IN STRAIGHT LINES, SQUARE, AND PLUMB. COORDINATE WITH ARCHITECT AND CIVIL DRAWINGS.
- 5 THE ELECTRICAL CONTRACTOR SHALL HAVE ANY AND ALL CONCRETE POLE BASES AND SLABS REVIEWED BY A STRUCTURAL ENGINEER AND SHALL MODIFY DESIGN PER STRUCTURAL ENGINEER'S AND OR AHJ'S RECOMMENDATIONS.
- 6 THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONCRETE/ASPHALT CUTTING AND REPLACEMENT OF CONCRETE/ASPHALT TO MATCH EXISTING ASSOCIATED WITH UNDERGROUND RACEWAYS PROVIDED AS PART OF THIS PROJECT.
- 7 REFER TO PLANS FOR CONSTRAINTS ON PHYSICAL DIMENSIONS AND CLEARANCE REQUIREMENTS OF EQUIPMENT. PROVIDE EQUIPMENT DIMENSIONS THAT FALL WITHIN THE CONSTRAINTS OF EACH SPECIFIC LOCATION.
- 8 PROVIDE SERVICE RATED EQUIPMENT AT EACH SERVICE ENTRANCE.
- 9 SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. VERIFY OR RE-CALCULATE THE AVAILABLE FAULT CURRENT AT THE SERVICE WHERE MODIFICATIONS TO THE ELECTRICAL INSTALLATION OCCUR. PLEASE INCLUDE NOTES IN THE ELECTRICAL DRAWINGS OR SUPPLY CALCULATIONS WHERE APPLICABLE. SEE NEC 110.24. (B)

SHEET KEYNOTES

- 1 PROVIDE 1.5" CONDUIT FOR TELECOMMUNICATION LINES TO FUTURE SECURITY CAMERAS. RUN CONDUIT TO NEW RESTROOM AND STUB UP INTO CHASE OF RESTROOM.
- 2 PROVIDE 1.5" CND STUBBED UP FROM IN RESTROOM CHASE TO APPROXIMATE LOCATION FOR SECURITY CAMERA IN FUTURE LIGHT POLE. CAP CONDUIT AND MARK ACCORDINGLY. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 3 CONTRACTOR TO DEMOLISH, PROTECT AND PRESERVE EXISTING CITY STREET LIGHTS IN SIMILAR AREA. CONTRACTOR TO REINSTALL EXISTING CITY STREET LIGHTS IN NEW LOCATION 'BEHIND' NEW SIDE WALK. EXTEND CONDUITS AND FEEDERS AS NECESSARY TO RETURN TO ORIGINAL WORKING CONDITION.
- 4 APPROXIMATE LOCATION OF EXISTING POWER PEDESTAL. PROVIDE NEW GROUND SLEEVE UNDER NEW PATHWAY TO BE BUILT. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UNDERGROUND CIRCUIT AND VERIFY THE CIRCUIT IS OPERATING CORRECTLY. RECONNECT PEDESTAL TO CORRECT WORKING CONDITIONS.
- 5 PROVIDE 3" CONDUIT STUBBED UP FROM RESTROOM CHASE FOR FUTURE FLAG POLE EXTENSION. STUB UP AND CAP CONDUIT AND MARK LOCATION ACCORDINGLY. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 6 NEW PANELS TO BE INSTALLED INSIDE RESTROOM CHASE. COORDINATE EXACT LOCATION OF PANELS WITH ARCHITECT PRIOR TO ROUGH-IN.



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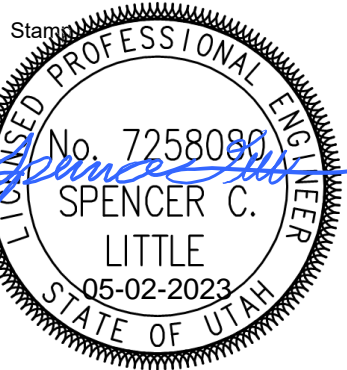
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LAYTON COMMONS PARK IMPROVEMENTS
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REVISIONS	
NO.	DESCRIPTION



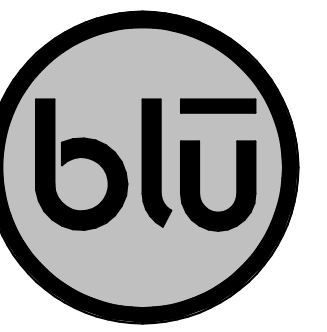
Designed By: JUN
Drawn By: JUN
Date: 04/26/2023
Checked By: SCL
Project No: 230021

Drawing Title
ELECTRICAL SITE PLAN

Drawing number

ES101

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GENERAL SHEET NOTES

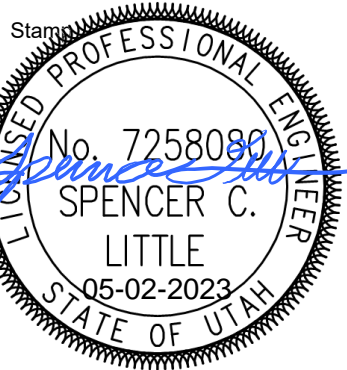
- 1 THE ELECTRICAL CONTRACTOR SHALL MEET WITH AND COORDINATE WITH ALL SERVICE PROVIDERS (POWER, COMMUNICATION, CABLE/SATELLITE, ETC.) TO THE FACILITY ON SITE PRIOR TO ANY WORK BEING PERFORMED. CONFIRM WITH EACH SERVICE PROVIDER EXACT LOCATIONS EQUIPMENT AND ROUTINGS. COMPLY WITH ALL SERVICE PROVIDER'S CURRENT STANDARDS AND REQUIREMENTS. PROVIDE THE REQUIRED EQUIPMENT, RACEWAYS, BOXES, CABLE, ETC. AS REQUIRED BY THE SERVICE PROVIDER WEATHER SHOWN ON THE DRAWINGS OR NOT.
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- 3 CONTRACTOR IS RESPONSIBLE FOR ALL TRENCHING, BACKFILL, AND COMPACTION ASSOCIATED TO ALL ELECTRICAL UNDERGROUND RACEWAYS AND CABLES. COORDINATE WITH ARCHITECTURAL AND CIVIL DRAWINGS. SEE UNDERGROUND RACEWAY DETAILS FOR REQUIREMENTS FOR EACH TRENCH.
- 4 CONTRACTOR SHALL INSTALL POLE MOUNTED LIGHTS IN STRAIGHT LINES, SQUARE, AND PLUMB. COORDINATE WITH ARCHITECT AND CIVIL DRAWINGS.
- 5 THE ELECTRICAL CONTRACTOR SHALL HAVE ANY AND ALL CONCRETE POLE BASES AND SLABS REVIEWED BY A STRUCTURAL ENGINEER AND SHALL MODIFY DESIGN PER STRUCTURAL ENGINEER'S AND OR AHJ'S RECOMMENDATIONS.
- 6 THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONCRETE/ASPHALT CUTTING AND REPLACEMENT OF CONCRETE/ASPHALT TO MATCH EXISTING ASSOCIATED WITH UNDERGROUND RACEWAYS PROVIDED AS PART OF THIS PROJECT.
- 7 REFER TO PLANS FOR CONSTRAINTS ON PHYSICAL DIMENSIONS AND CLEARANCE REQUIREMENTS OF EQUIPMENT. PROVIDE EQUIPMENT DIMENSIONS THAT FALL WITHIN THE CONSTRAINTS OF EACH SPECIFIC LOCATION.
- 8 PROVIDE SERVICE RATED EQUIPMENT AT EACH SERVICE ENTRANCE.
- 9 SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. VERIFY OR RE-CALCULATE THE AVAILABLE FAULT CURRENT AT THE SERVICE WHERE MODIFICATIONS TO THE ELECTRICAL INSTALLATION OCCUR. PLEASE INCLUDE NOTES IN THE ELECTRICAL DRAWINGS OR SUPPLY CALCULATIONS WHERE APPLICABLE. SEE NEC 110.24.(B)

SHEET KEYNOTES

- 1 LIGHT FIXTURES TO BE MOUNTED TO THE PAVILION STRUCTURE.
- 2 PROVIDE ON/OFF WEATHER PROOF SWITCH TO CONTROL POWER TO PAVILION UNIT HEATERS. ALSO PROVIDE DIGITAL TIMER IN RESTROOM CHASE TO CONTROL HEATERS HOURS OF OPERATION. COORDINATE EXACT REQUIREMENTS WITH OWNER PRIOR TO ROUGH IN.
- 3 PROVIDE 1.5" UTOPIA CONDUIT TO RUN TO PAVILION. CONDUIT TO RUN UP INSIDE OF POLE OF PAVILION UP TO TOP CENTER OF PAVILION ROOF FOR FUTURE SECURITY CAMERA. THERE IS TO BE NO EXPOSED CONDUIT. COORDINATE EXACT LOCATION OF FUTURE SECURITY CAMERA WITH ARCHITECT PRIOR TO ROUGH-IN.
- 4 PROVIDE ON/OFF WEATHER PROOF TIMER SWITCH (AMERICAN FIRE GLASS AFG-SITS-TS30, OR APPROVED EQUAL) TO CONTROL POWER TO JELLYFISH CHRISTMAS LIGHTING, PAVILION LIGHTING, AND OUTLETS ON INDICATED CIRCUITS. COORDINATE EXACT REQUIREMENTS WITH OWNER PRIOR TO ROUGH IN.
- 5 PROVIDE 1.5" CND FOR UTOPIA SECURITY CAMERA FROM CHASE IN NEW RESTROOM. CONDUIT TO STUB UP INTO LIGHT POLE. COORDINATE EXACT REQUIREMENTS FOR STUB UP LOCATION AND ACCESS PANEL AVAILABILITY PRIOR TO ROUGH-IN.
- 6 PROVIDE 1.5" CND STUBBED UP FROM IN RESTROOM CHASE TO APPROXIMATE LOCATION FOR SECURITY CAMERA IN FUTURE LIGHT POLE. CAP CONDUIT AND MARK ACCORDINGLY. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 7 PROVIDE 3" CND STUBBED UP FROM RESTROOM CHASE TO PROVIDE POWER TO PAVILION.
- 8 PROVIDED JUNCTION BOX WITH SWITCHED 120V POWER TO ROOF LEVEL OF PAVILION IN INDICATED AREA. JUNCTION BOX FOR JELLYFISH CHRISTMAS LIGHTING. COORDINATE EXACT LOCATION WITH ARCHITECT.
- 9 CIRCUIT TO BE CONTROLLED BY ON/OFF TIMER.
- 10 REFER TO DETAIL (1) ON SHEET ES602 AND COORDINATE WITH ARCHITECT FOR EXACT MOUNTING REQUIREMENTS OF LIGHT FIXTURES AND HEATERS PRIOR TO ROUGH-IN.
- 11 PROVIDE CONDUIT TO EXISTING ELECTRICAL BOX ON SITE. COORDINATE EXACT LOCATION, AND INSTALLATION INSTRUCTIONS WITH CITY UTILITY PROVIDED PRIOR TO ROUGH-IN.

**LAYTON COMMONS PARK
 IMPROVEMENTS**
 437 N WASATCH DR, LAYTON, UT 84041

REVISIONS	
NO.	DESCRIPTION

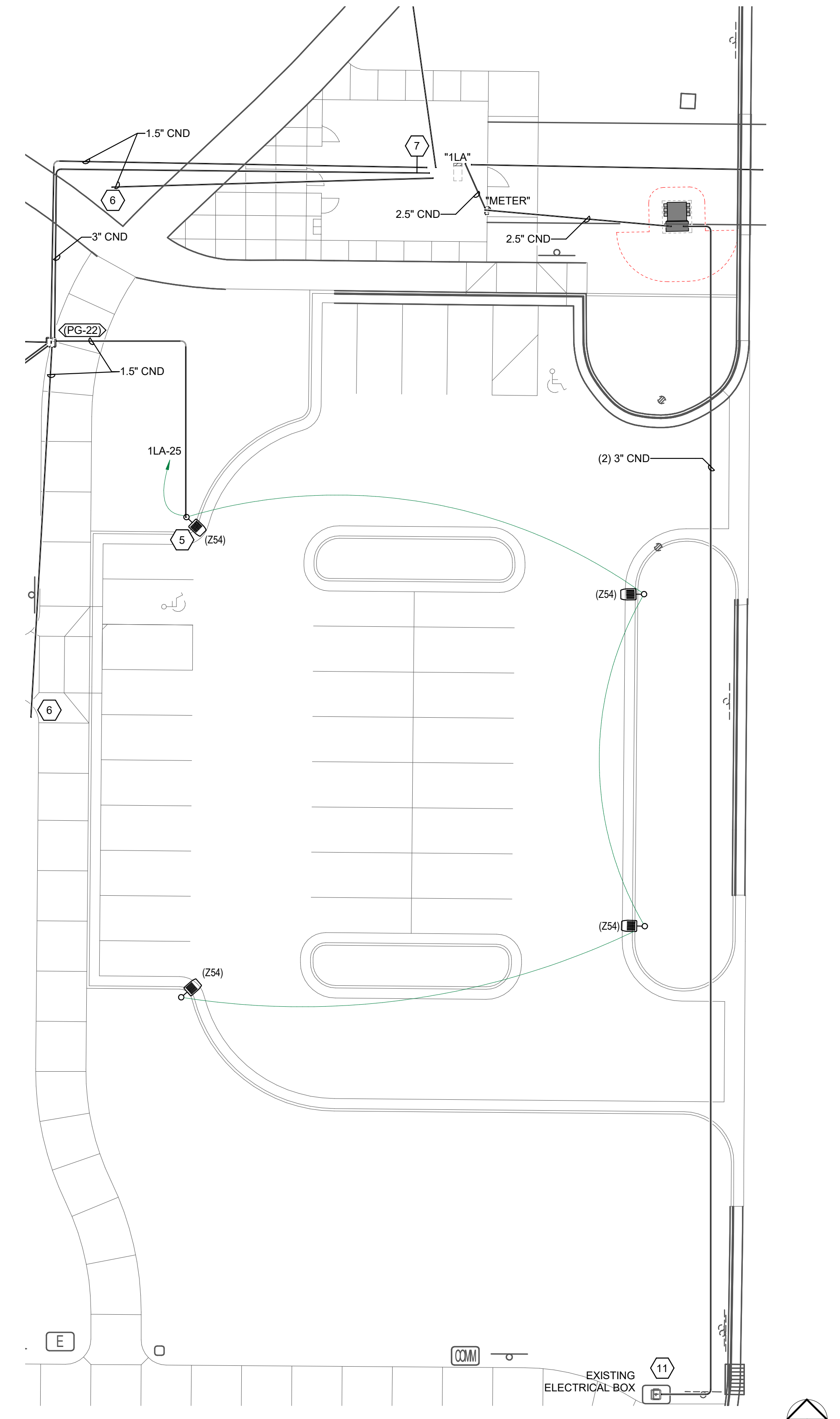


Designed By: JUN
 Drawn By: JUN
 Date: 04/28/2023
 Checked By: SCL
 Project No: 230021

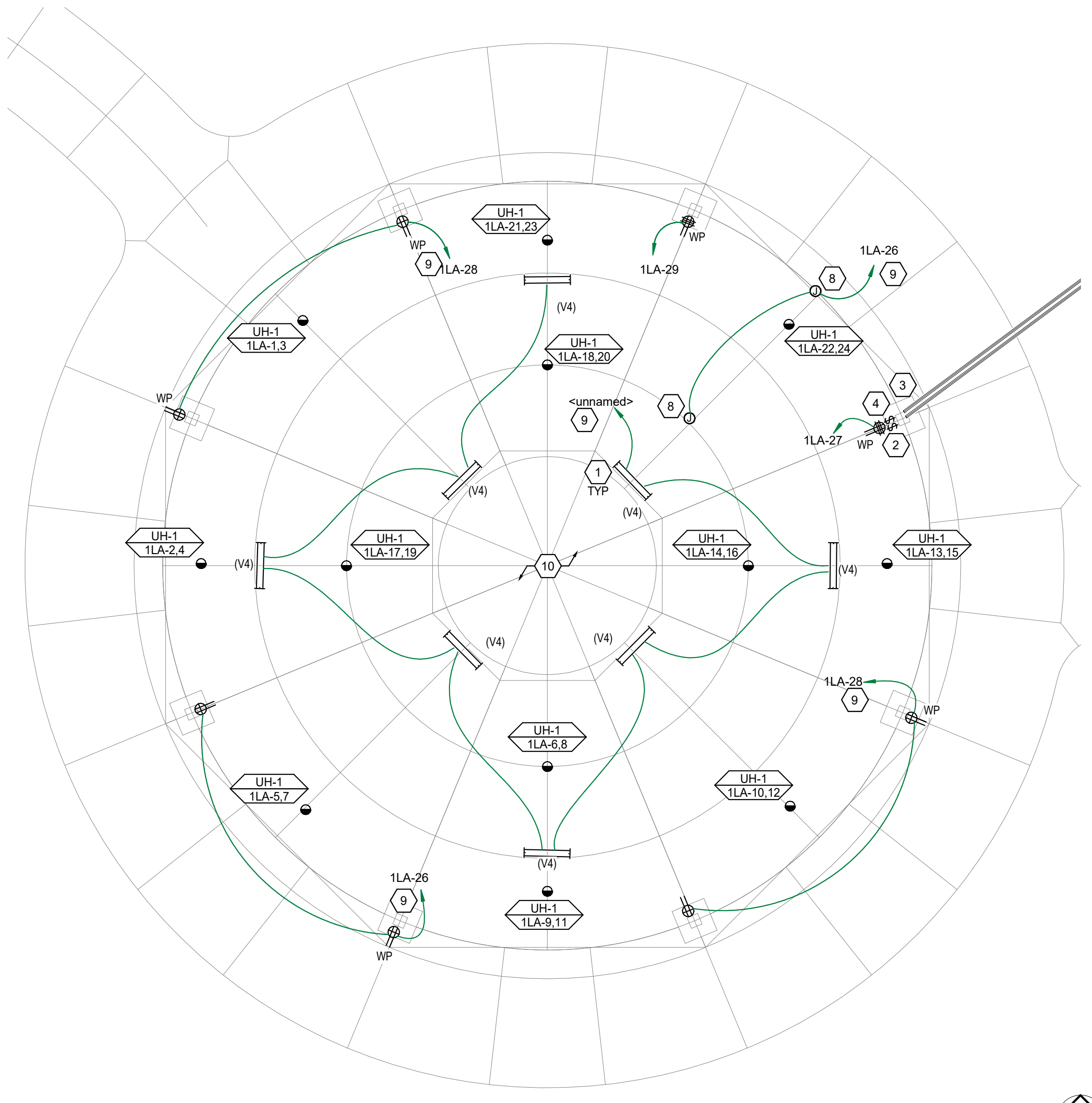
Drawing Title
**ENLARGED
 ELECTRICAL
 SITE PLANS**

Drawing number

ES102

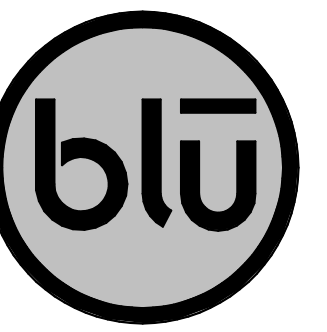


2 ENLARGED ELECTRICAL SITE PLAN
 SCALE: 1/16" = 1'-0"



1 ENLARGED PAVILION ELECTRICAL SITE PLAN
 SCALE: 1/8" = 1'-0"

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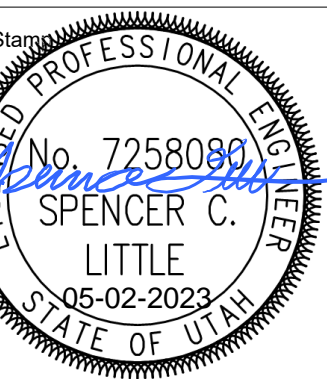


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REVISIONS	
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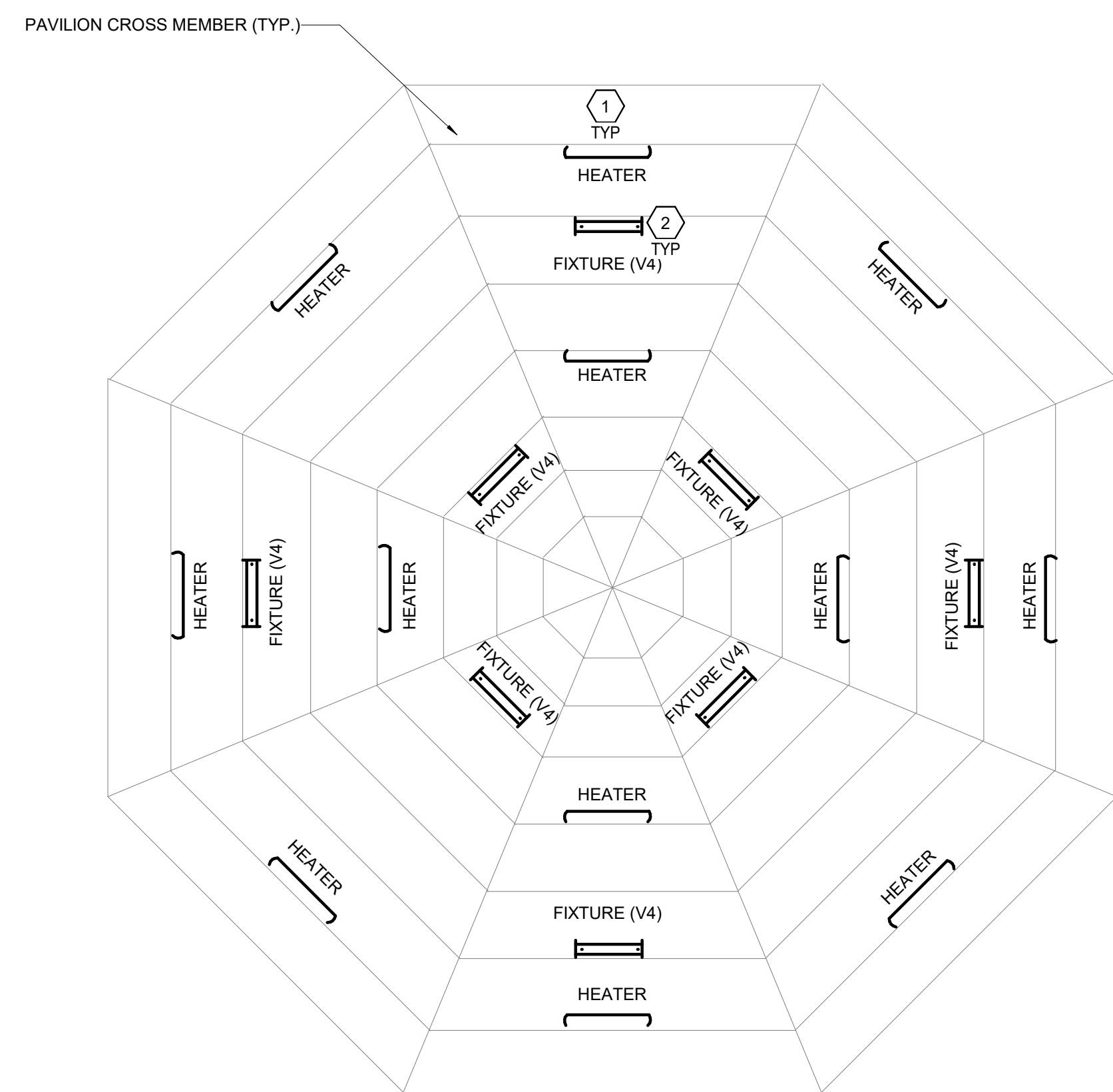


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 Checked By: SCL
 Project No: 230021

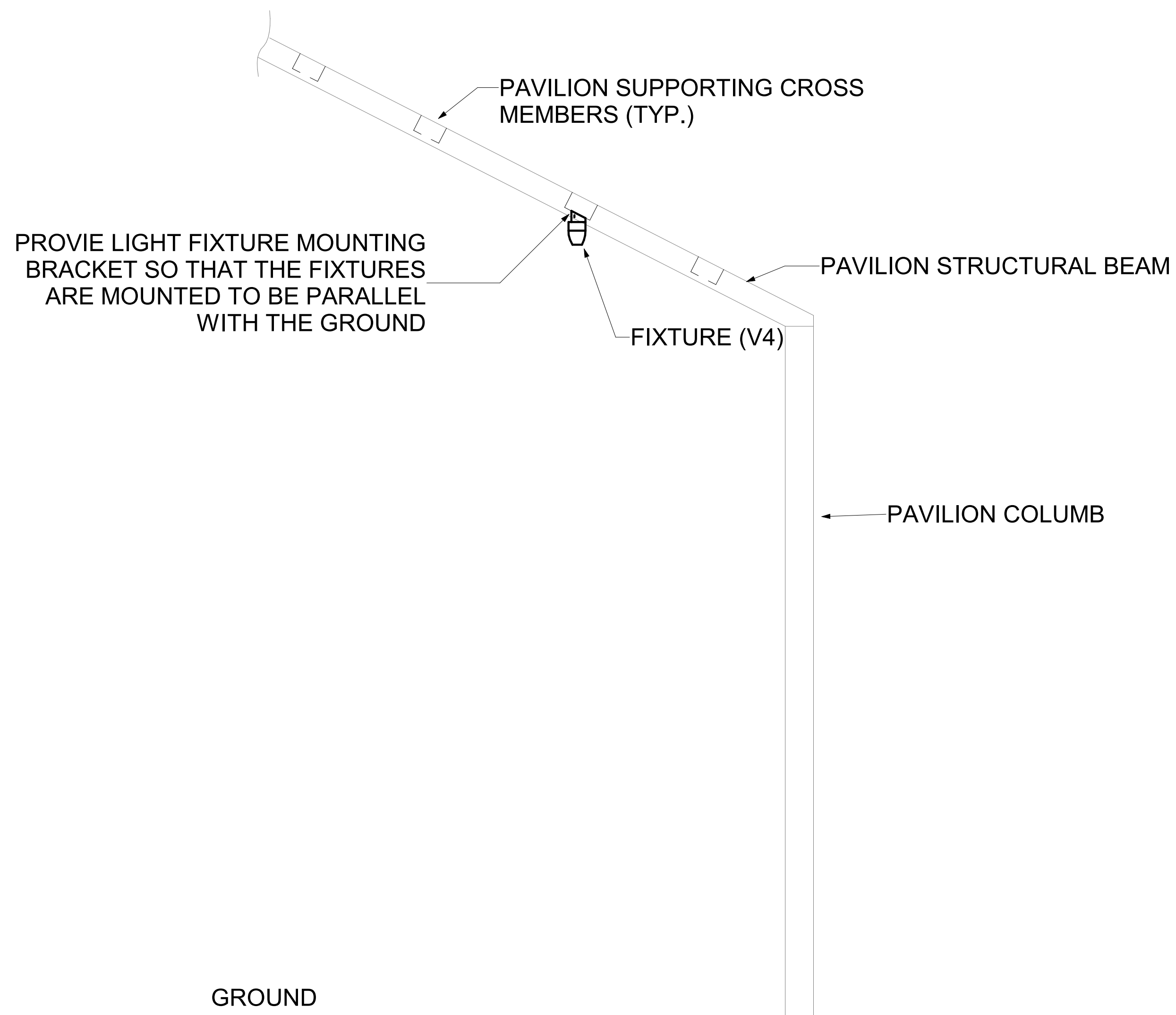
Drawing Title
 SITE
 ELECTRICAL
 DETAILS

Drawing number

ES502



1 PAVILION ROOF MOUNTING DETAIL
 SCALE: NTS



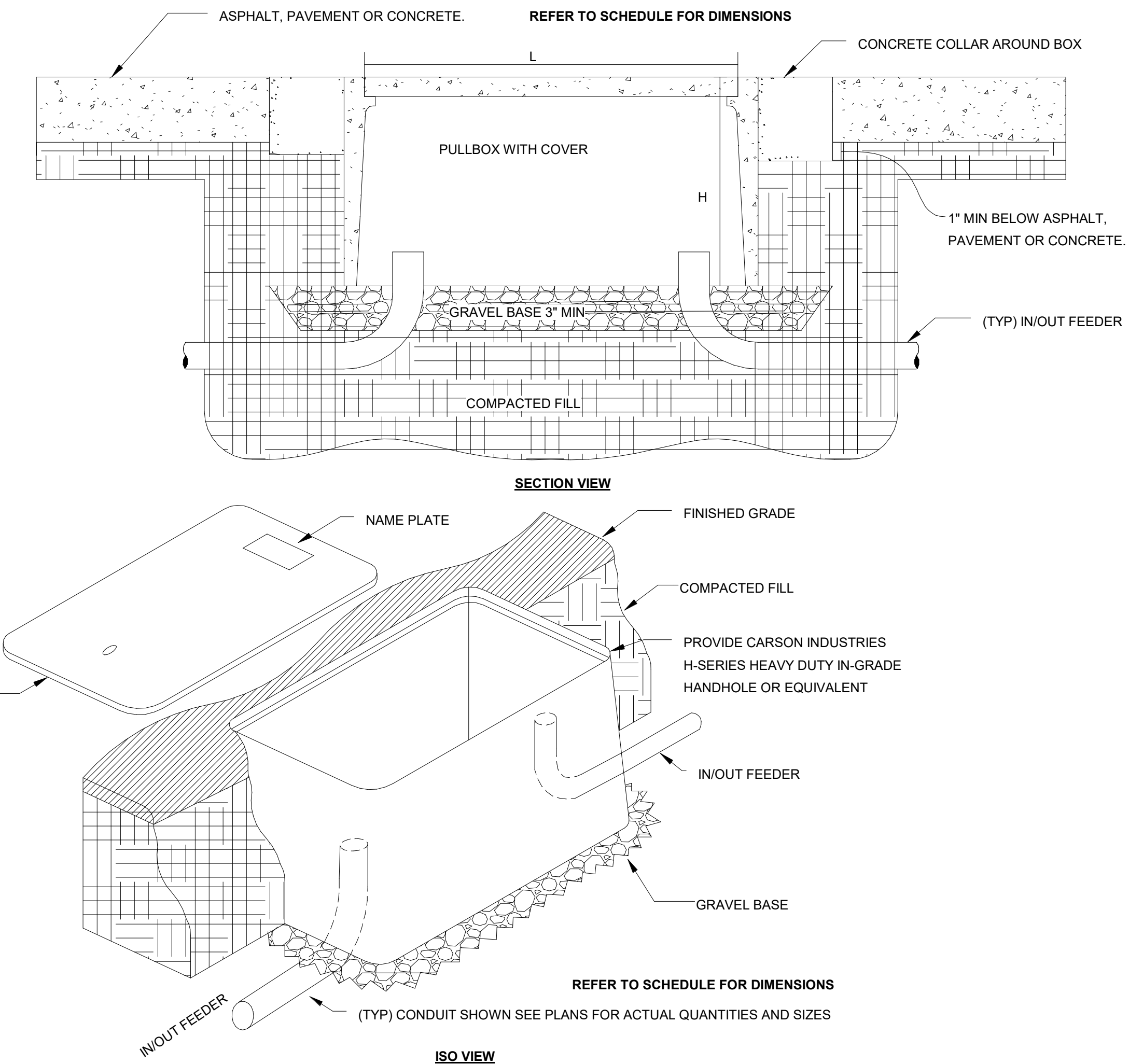
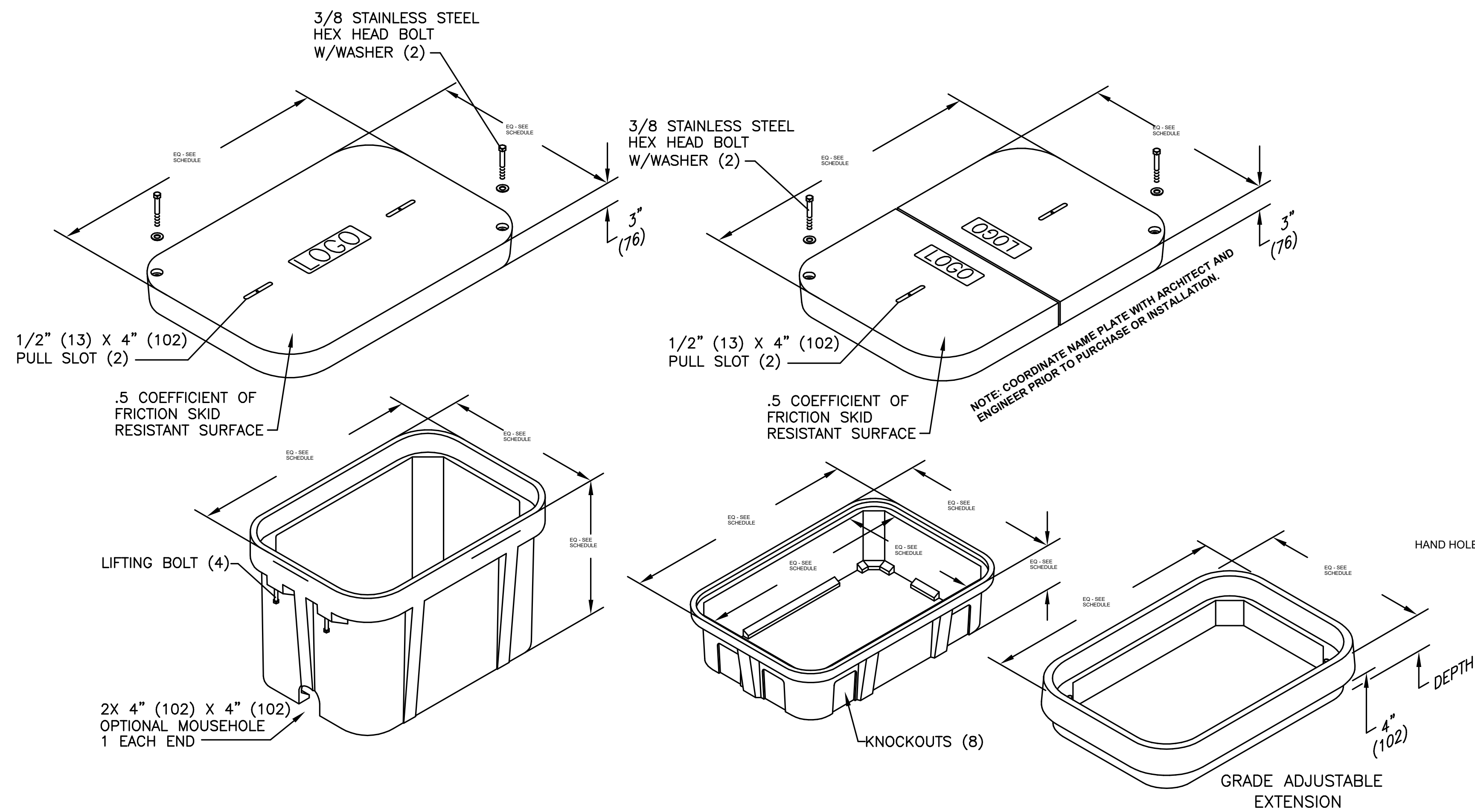
2 TYPICAL PAVILION LIGHT MOUNTING DETAIL
 SCALE: NTS

BID SET

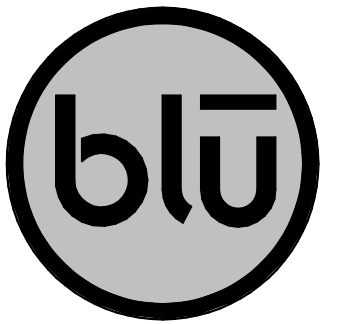
APPLICATION TIERS	TYPE	DESCRIPTION	BOX OPTIONS	DESCRIPTION	COVER OPTIONS	DESCRIPTION	SYMBOLS LEGEND				FIXTURE STYLES		
LIGHT DUTY	VERTICAL	PEDESTRIAN TRAFFIC ONLY.	BA	BOX WITH OPEN BOTTOM	CA	BOLT DOWN COVER	PG-34	PG-22	PG-23	PG-22	STYLE NAME	DESCRIPTION	IMAGES
TIER 5	VERTICAL	SIDEWALK APPLICATIONS WITH A SAFETY FACTOR FOR OCCASIONAL ACCIDENTAL VEHICULAR TRAFFIC.	BB	BOX WITH MOUSE HOLES	WA	STANDARD WITH NO BOLTS							
TIER 8	LATERAL		VERTICAL	BC	DIVIDED BOX	LR	CAST IRON 6 4-1/2" X 7-1/2" LID					PC	STRAIGHT SIDES ALLOW FOR EASY ADJUSTMENT OF BOX SHOULD THE GRADE LEVEL CHANGE. ALL PC BOXES ARE STACKABLE AND ARE AVAILABLE WITH GASKETING.
TIER 15	VERTICAL	DRIVEWAY, PARKING LOT, AND OFF ROAD APPLICATIONS SUBJECT TO OCCASIONAL ACCIDENTAL VEHICULAR TRAFFIC.	BG	GASKETED BOX WITH OPEN BOTTOM	LP	CAST IRON 6"x12" LID	NOTES: 1. CONTRACTOR SHALL PROVIDE A SUBMITTAL ON ALL UNDERGROUND ENCLOSURES FOR THIS PROJECT. 2. ALL ENCLOSURES SHALL BE UL LISTED 3. CONTRACTOR SHALL COORDINATE THE TIER RATING WITH CIVIL ENGINEER AND ARCHITECT IN THE SUBMITTAL PROCESS. 4. CONTRACTOR SHALL ADJUST THE SIZE OF THE ENCLOSURE AS REQUIRED FOR INSTALLATION. SUBMIT AN RFI OR PROVIDE SOME OTHER DOCUMENTATION SO THAT THE DESIGN TEAM AND OWNER UNDERSTAND THIS MODIFICATION PRIOR TO MOVING FORWARD WITH ADJUSTED SIZE OF ENCLOSURE. 5. PROVIDE BASIS OF DESIGN (BOD) ENCLOSURE OR PRE-APPROVED EQUAL.				PX	PX STYLES ARE EXCELLENT FOR SERVICE BOX ASSEMBLIES AND OFFER FLARED DESIGN TO PREVENT FROST HEAVE. PX BOXES ARE ALSO NESTABLE FOR COMPACT STORAGE.	
TIER 22	LATERAL		LATERAL	DA	BOX WITH SOLID BOTTOM	LQ					CAST IRON 9"x12" LID	PT	THE FLARED DESIGN PREVENTS FROST HEAVE AND COVERS ARE INTERCHANGEABLE WITH MANY PRECAST CONCRETE PARTS. PT BOXES ARE ALSO NESTABLE FOR COMPACT STORAGE.
			DG	GASKETED BOX WITH SOLID BOTTOM	LK	POLYMER CONCRETE 6"x9" DROP-IN LID					PD	THESE ENCLOSURES FEATURE A 1 DEGREE FLARE FOR MAXIMUM STRENGTH. FLARED DESIGN OPTIMIZES INTERNAL VOLUME AND MINIMIZES FROST HEAVE.	
			EA	EXTENSION	LS	THROUGH SLOT (NO METER LID)							
			RA	SOLID BASE EXTENSION	O2	OPENS UNDER 90°							
					OO	USED WITH DROP-IN LID							

UNDER GROUND ENCLOSURE SCHEDULE

ID	IMAGE	BOX DESCRIPTION	LENGTH	WIDTH	DEPTH	ABOVE GRADE HEIGHT	BASIS OF DESIGN MANUFACTURE PART NO.	BOX OPTIONS	COVER LOGO	COVER OPTIONS	STYLE	TRAFFIC TIER NO.
(PG-22)		UNDERGROUND ENCLOSURE; PRECAST POLYMER CONCRETE WITH REINFORCED WITH FIBER GLASS. PROVIDE WITH BOLT ON COVER.	2' - 0"	2' - 0"	1' - 6"	INSTALL FLUSH WITH GRADE (0'-0")	QUAZITE (PG2424 18)	BA - BOX WITH OPEN BOTTOM	"ELECTRICAL"	WITH TWO BOLTS AND A SINGLE LOGO	PG	TIER 15



A1 TYPICAL UNDERGROUND JUNCTION BOX DETAIL
SCALE: NTS



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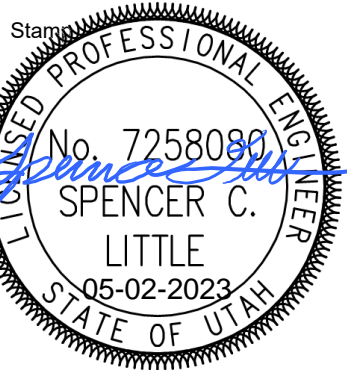
CONTACT:
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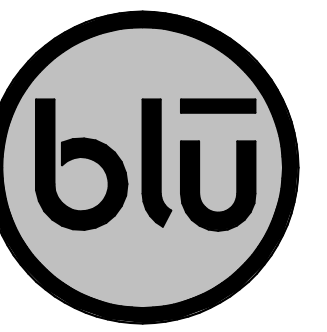
Designed By: JUN
Drawn By: JUN
Date: 04/26/2023
Checked By: SCL
Project No: 230021

Drawing Title
SITE JUNCTION BOX DETAILS

Drawing number

ES505

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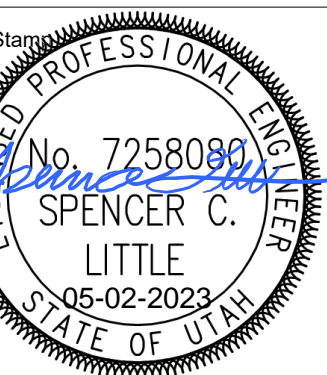
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REVISIONS	
NO.	DESCRIPTION



Designed By: JUN
 Drawn By: JUN
 Date: 04/26/2023
 Checked By: SCL
 Project No: 230021

Drawing Title
**ELECTRICAL
 SITE LIGHTING
 DETAILS AND
 SCHEDULES**

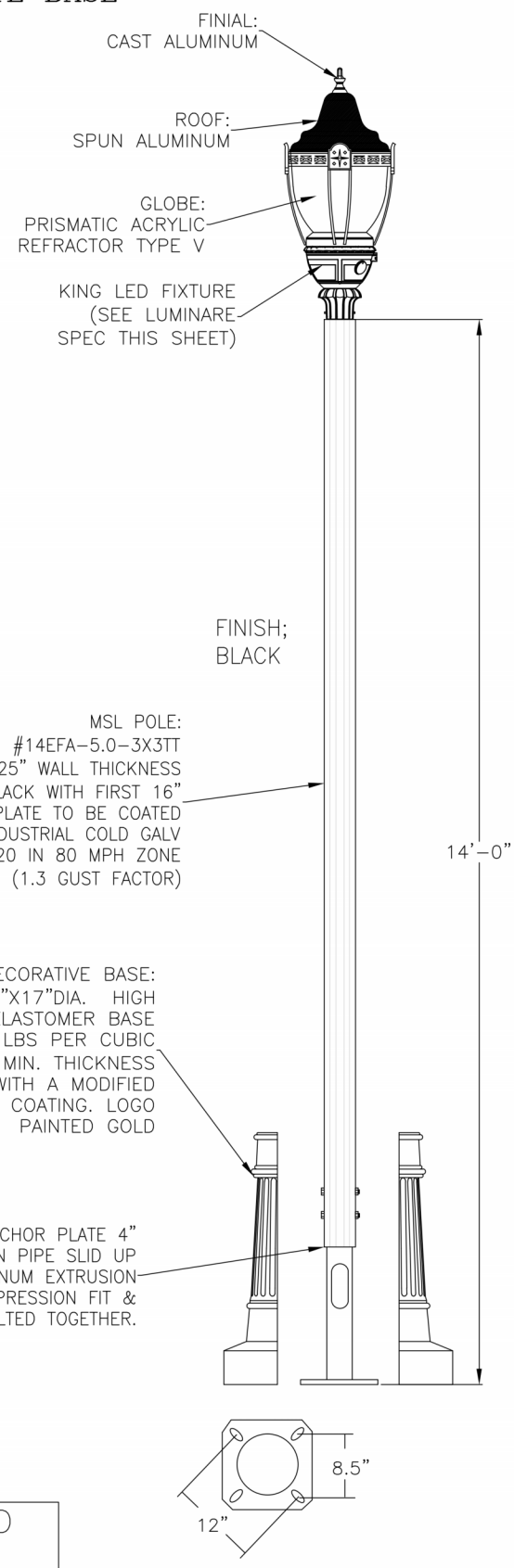
Drawing number

ES508

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SINGLE LIGHT FLUTED POLE AND FIXTURE SL-04
 STINGER OR CONCRETE BASE

LUMINAIRE SPECIFICATIONS
 FIXTURE NO.: K424R-T1AR-III-100(SSL)-4004
 -120-277-K26-PR7-4K-SST-
 -NRS-1B-BK-#2-WS-3X3
 OPTICAL SYSTEM: TOWER ARRAY ACRYLIC RIPPLED
 LENS CLASS.: TYPE III
 WATTAGE: 100W (4004 SERIES)
 SOLID STATE LIGHTING
 LINE VOLTAGE: 120-277V
 CCT: 4000K
 POLE ADAPTOR: K26
 PAINT: TEXTURED BLACK
 OPTIONS:
 #2 FINIAL
 SOLID SPUN TOP
 TWIST-LOCK RECEPTACLE
 WITH PHOTO-EYE
 WESTINGHOUSE RING & STRUTS
 QUICK DISCONNECT



MSL POLE:
 #14EFA-5.0-3X3IT
 14' FLUTED ALUMINUM .25" WALL THICKNESS
 PAINTED BLACK WITH FIRST 16"
 OF POLE AND BASE PLATE TO BE COATED
 WITH INDUSTRIAL COLD GALV
 MIN EPA OF 20 IN 80 MPH ZONE
 (1.3 GUST FACTOR)

MSL DECORATIVE BASE:
 #FRANKLIN 40X17TD4 HIGH
 DENSITY ELASTOMER BASE
 DENSITY OF 71 LBS PER CUBIC
 FT. 1/2" MIN. THICKNESS
 PAINTED BLACK WITH A MODIFIED
 URETHANE COATING, LOGO
 PAINTED GOLD

SEE ST-LT-08 FOR CONCRETE BASE DETAIL AND
 ST-LT-12 FOR STINGER DETAIL.

ALL LIGHT POLES INSTALLED WITHIN UDOT
 RIGHT-OF-WAY "CLEAR ZONE" (UDOT DD18) MUST
 HAVE A BREAKAWAY BASE (UDOT SL11) AND USE
 PRE-CAST POLYMER CONCRETE JUNCTION BOXES

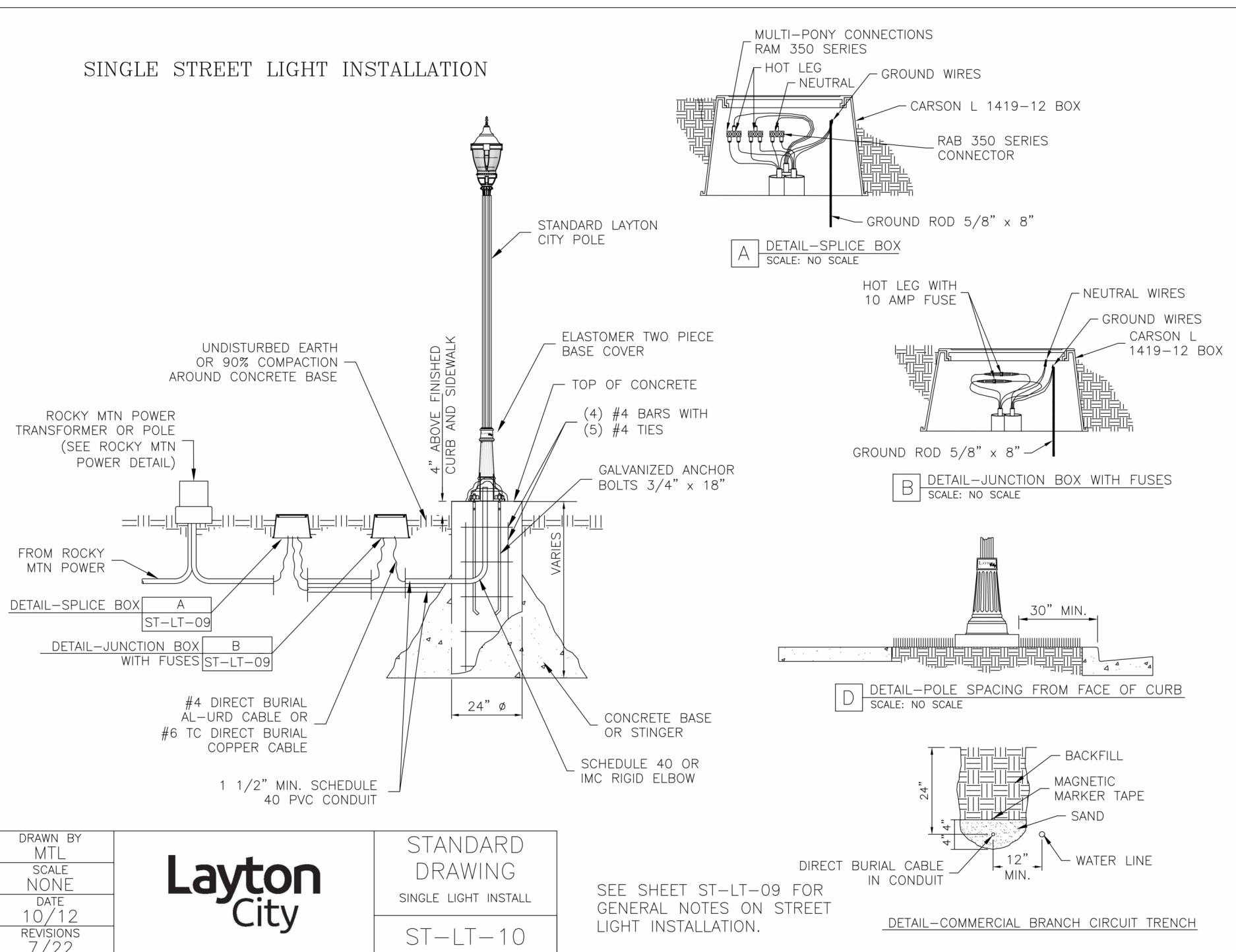
DRAWN BY	MTL
SCALE	NONE
DATE	5/7/11
REVISIONS	7/22

**Layton
 City**

STANDARD DRAWING
SL-04 POLE & FIXTURE
ST-LT-06

ANCHOR BASE DETAIL
 12" BOLT CIRCLE
 ANCHOR BOLTS: 3/4" x 18"

SINGLE STREET LIGHT INSTALLATION



DRAWN BY	MTL
SCALE	NONE
DATE	10/12
REVISIONS	7/22

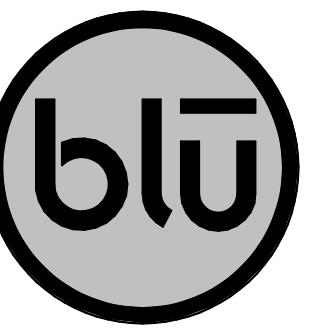
**Layton
 City**

STANDARD DRAWING
SINGLE LIGHT INSTALL
ST-LT-10

SEE SHEET ST-LT-09 FOR
 GENERAL NOTES ON STREET
 LIGHT INSTALLATION.

DETAIL-COMMERCIAL BRANCH CIRCUIT TRENCH

A1 LAYTON CITY LIGHT POLE STANDARD
 SCALE: NTS



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35 years
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IMPROVEMENTS
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EXTERIOR LIGHTING FIXTURE SCHEDULE

ABBREVIATIONS

LUMINAIRE	EMERGENCY	BALLAST	FINISH	LENS	MOUNTING	CONFIGURATION	NOTES
ARHR - AIR RETURN AND HEAT REJECTION DL - DAMP LOCATION EQC - EARTHQUAKE CLIPS F - FUSING HLD - HINGED AND LATCHED DOOR HS - HOUSE SIDE SHIELD PS - PHOTOCCELL SWITCH QRS - QUARTZ RESTRIKE ST - STATIC WG - WIRE GUARD WL - WET LOCATION	NE - NORMAL AND EMERGENCY CONNECTIONS EB - EMERGENCY BATTERY PACK ET - EMERGENCY TRANSFER DEVICE	IS - INSTANT START RS - RAPID START PS - PROGRAM START, PARALLEL LAMP OPERATION PSMH - PULSE START METAL HALLIDE (CWA OR ELECTRONIC) PPLF - PROVIDE POWER LINE FILTER LVTM - LOW VOLTAGE TRANSFORMER (MAGNETIC) LVTE - LOW VOLTAGE TRANSFORMER (ELECTRONIC)	MW - MATTE WHITE BL - BLACK SIL - SILVER G - GOLD CL - CLEAR PW - PAINTED WHITE EA - EXTRUDED ALUMINUM S - STEEL GS - GALVANIZED STEEL C - CAST CBA - COLOR BY ARCHITECT SCBA - STANDARD COLOR BY ARCHITECT CCA - CUSTOM COLOR BY ARCHITECT FS - MEETS FEDERAL STANDARD 209D TP - THERMALLY PROTECTED FL - FLUSH R - REGRESS M - MITERED	#A - ACRYLIC #THICK #OA - ACRYLIC #THICK (OPAL) GC - GLASS (CLEAR) GO - GLASS (OPAL) GF - GLASS (FROSTED) SGL - SOFT GLOW LENS HPL - HIGH PERFORMANCE LENS DO - DROP OPAL CGL - CONVEX GLASS LENS S - SATIN LENS	B - BASE C - CEILING F - FLANGE G - GRID P - PENDANT PL - POLE R - RECESSED S - SURFACE W - WALL	BA - BANNER ARMS BH - BULL HORN DL - 2 1/2" SHAPE DS - 2 @ 180 PT - INLINE POST TOP Q - QUAD SH - SHEPHERDS HOOK SL - SINGLE T - 3" T SHAPE	1. PROVIDE UNIT PRICES AND FIXTURE BRAND SELECTED FOR ADD/DELETE CHANGES FOR EACH FIXTURE TYPES SHOWN WITHIN 48 BUSINESS HOURS OF THE BID DATE. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY DISQUALIFY THE PRODUCTS AND EMPOWER THE ENGINEER TO DETERMINE FAIR VALUE FOR FIXTURE AND INSTALLATION CHANGES, WITHOUT FURTHER INPUT FROM THE CONTRACTOR OR INSTALLER. 2. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED, CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES.
1. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS. 2. COMPLY WITH THE "EXTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS. 3. REFER TO SPECIFICATIONS FOR IMPORTANT TECHNICAL REQUIREMENTS FOR LIGHTING FIXTURES, BALLASTS, AND LAMPS. 4. ALL FIXTURES SHALL BE APPROVED BY UL OR ANOTHER ACCEPTABLE TESTING LAB FOR THE PURPOSE INTENDED AND WITH THE LAMP AND BALLAST PROPOSED.		DIMMING BALLAST D2 - 2 WIRE DIMMER D3 - 3 WIRE DIMMER D4 - 4 WIRE DIMMER DD - DIGITAL DIMMER SDP - STEP DIMMER BALLAST	REFLECTOR AND DISTRIBUTION I - TYPE I II - TYPE II III - TYPE III IV - TYPE IV V - TYPE V VSO - TYPE V SQUARE SA - SPUN ALUMINUM SR - SEGMENTED REFLECTOR BWF - NEMA BEAM WIDTH 1 THRU 7	CUTOFF CLASSIFICATION FC - FULL CUTOFF CO - CUTOFF SC - SEMI CUTOFF NC - NONCUTOFF	POLE RS - ROUND STRAIGHT RT - ROUND TAPERED SS - SQUARE STRAIGHT ST - SQUARE TAPERED		

ID	IMAGE	TYPE	LUMINAIRE					LAMP		BALLAST		FINISH			DIFFUSER			REFLECTOR			MOUNTING					MANUFACTURER (CATALOG SERIES)			ALLOWANCE									
			BACK	UP	GLARE	LENGTH	WIDTH	DEPTH	DIAMETER / APERTURE	OPTIONS	COLOR	TYPE	LUMINAIRE LUMENS	INPUT VOLTS	ANSI WATTS	HOUSING	TRIM	OTHER	TYPE	FINISH	CONFIGURATION	OPTIONS	DISTRIBUTION TYPE	FINISH	EFFICIENCY	TYPE	CONFIGURATION	POLE BASE HEIGHT		POLE HEIGHT	WIND RATING	OPTIONS	OPTION 1	OPTION 2	OPTION 3			
(V4)		STRIP LIGHT; LED				49.13"	9.26"	3.97"		4000K	LED	4800	0	45	SCBA	SCBA	SCBA																					
(Z54)		MODERN STYLE, LED POLE LIGHT, REFER TO LAYTON CITY DETAIL SL-04 ON SHEET ES508						26"	14"	4000K	LED	12000		100	SCBA	SCBA	SCBA				V		0				3' - 0"	17' - 0"										

REVISIONS	
NO.	DESCRIPTION



Designed By: JUN
 Drawn By: JUN
 Date: 04/28/2023
 Checked By: SCL
 Project No: Z30021

Drawing Title
EXTERIOR LIGHTING FIXTURE SCHEDULE

Drawing number

ES602

BID SET

