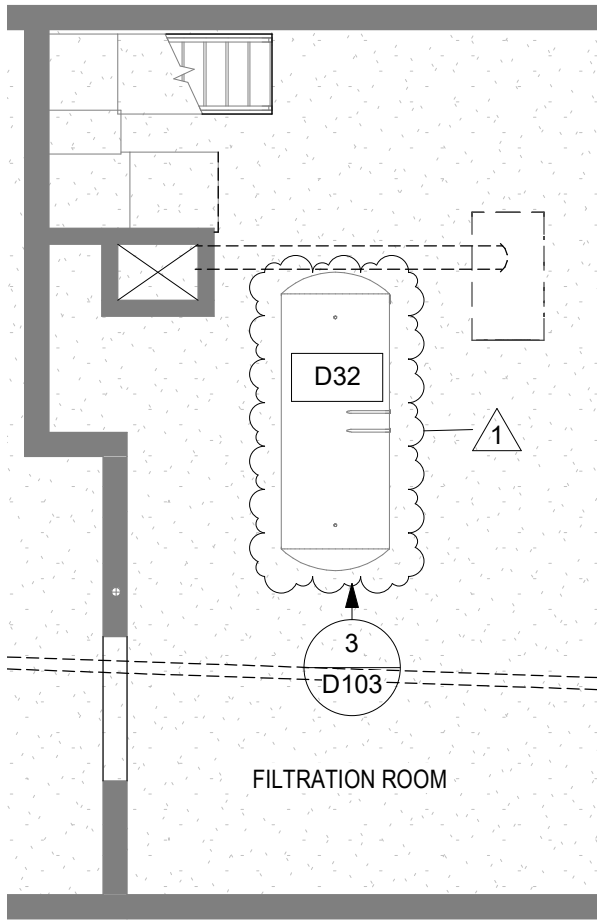


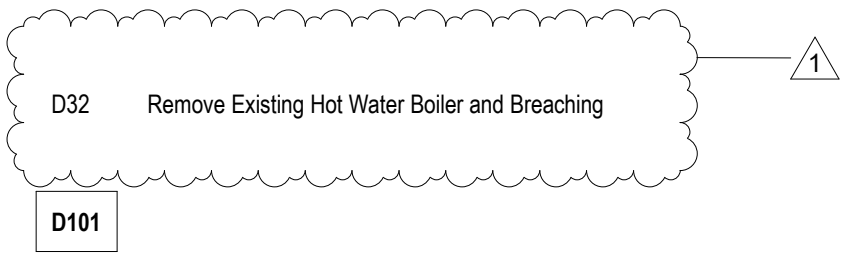
REMOVE

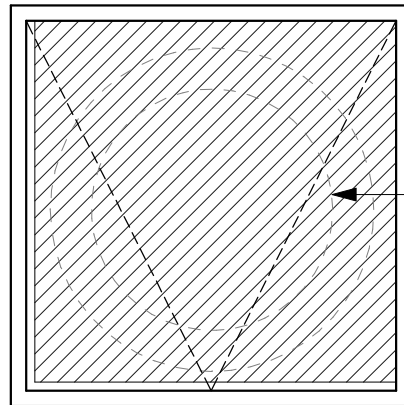
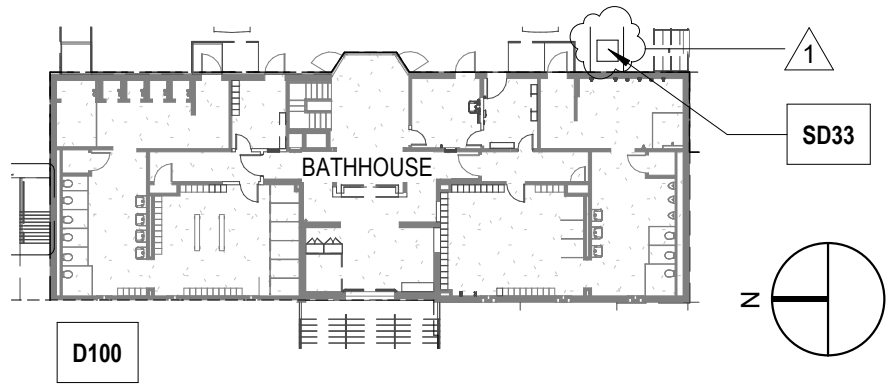


3 PHOTO 3
NTS
D103

16 BUILDING DEMO PLAN FILTER ROOM
1/8" = 1'-0"

D103





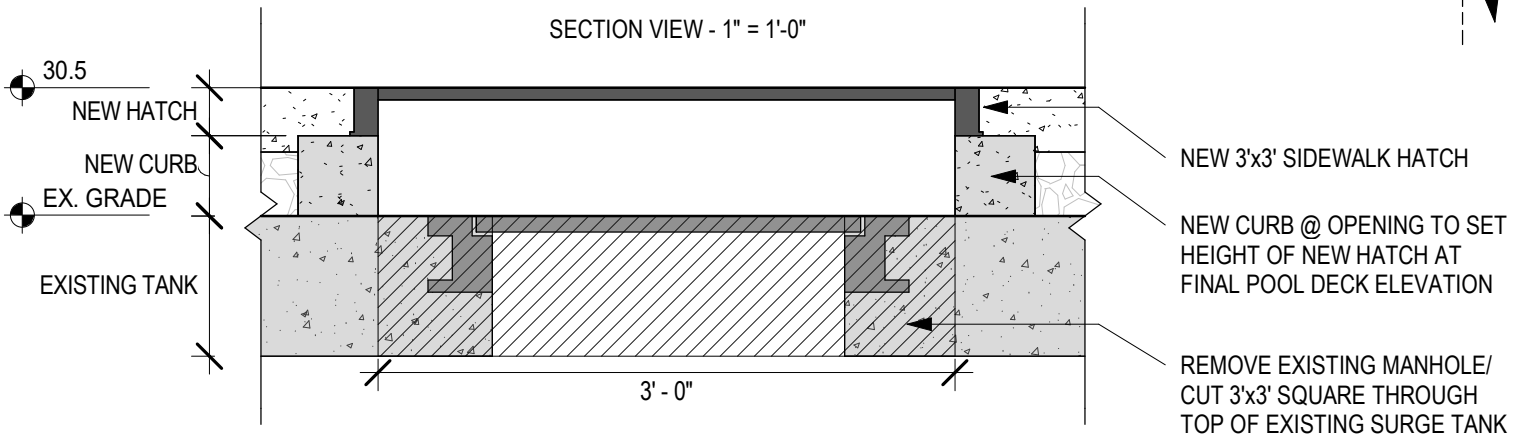
PLAN VIEW - N.T.S.

NEW 3'x3' SIDEWALK HATCH

REMOVE EXISTING MANHOLE AND CUT 3'x3' SQUARE THROUGH TOP OF EXISTING SURGE TANK

EXISTING STAIRS TO FILTRATION ROOM

SECTION VIEW - 1" = 1'-0"



4

HATCH @ STORM SURGE MANHOLE

1" = 1'-0"

D101

D101 ADD:

SD 33 Remove existing manhole @ existing storm surge tank, cut existing concrete to accomodate new 3'x3' hatch door

1



Bargmann Hendrie + Archetype, Inc.
9 Channel Center Street, Suite 300
Boston, MA 02210
(617) 350 0450

Gath Memorial Pool Improvements
256 Albemarle Rd,
Newton, MA 02460

NEW HATCH @ EXISTING SURGE TANK

REFERENCE: D100/SD33, D101/4

DATE: 07/21/23

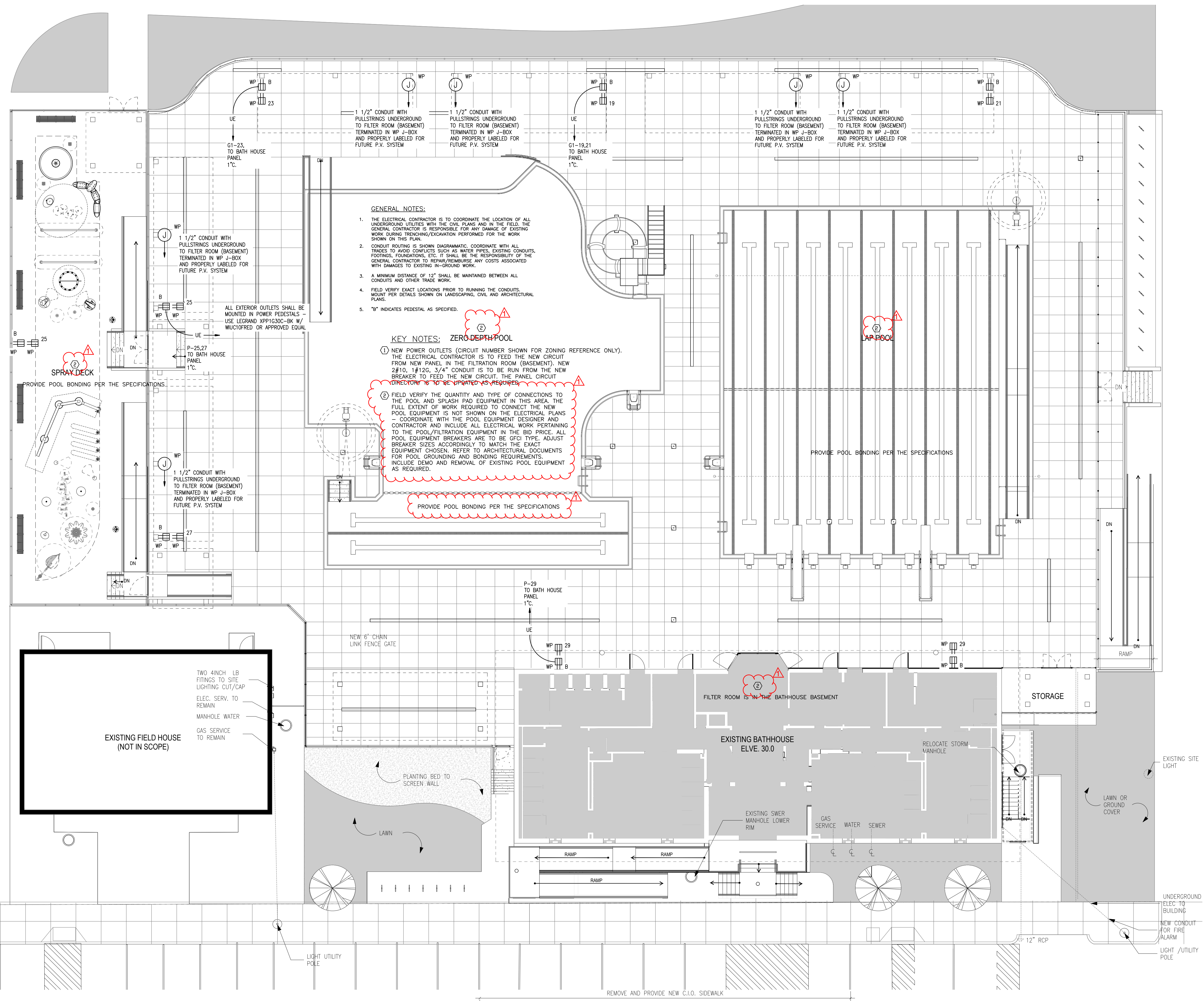
SCALE: As indicated

PROJ. NO.: 3457

FILE NAME:

3457_Newton Gath Pool_r2020 - Pool.rvt

SK02



- GENERAL NOTES:**
1. THE ELECTRICAL CONTRACTOR IS TO COORDINATE THE LOCATION OF ALL UNDERGROUND UTILITIES WITH THE CIVIL PLANS AND IN THE FIELD. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE OF EXISTING WORK DURING TRENCHING/EXCAVATION PERFORMED FOR THE WORK SHOWN ON THIS PLAN.
 2. CONDUIT ROUTING IS SHOWN DIAGRAMMATIC. COORDINATE WITH ALL TRADES TO AVOID CONFLICTS SUCH AS WATER PIPES, EXISTING CONDUITS, FOOTINGS, FOUNDATIONS, ETC. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REPAIR/REBURSE ANY COSTS ASSOCIATED WITH DAMAGES TO EXISTING IN-GROUND WORK.
 3. A MINIMUM DISTANCE OF 12" SHALL BE MAINTAINED BETWEEN ALL CONDUITS AND OTHER TRADE WORK.
 4. FIELD VERIFY EXACT LOCATIONS PRIOR TO RUNNING THE CONDUITS. MOUNT PER DETAILS SHOWN ON LANDSCAPING, CIVIL AND ARCHITECTURAL PLANS.
 5. "B" INDICATES PEDESTAL AS SPECIFIED.

- KEY NOTES: ZERO DEPTH POOL**
1. NEW POWER OUTLETS (CIRCUIT NUMBER SHOWN FOR ZONING REFERENCE ONLY). THE ELECTRICAL CONTRACTOR IS TO FEED THE NEW CIRCUIT FROM NEW PANEL IN THE FILTRATION ROOM (BASEMENT). NEW 2#10, 1#12G, 3/4" CONDUIT IS TO BE RUN FROM THE NEW BREAKER TO FEED THE NEW CIRCUIT. THE PANEL CIRCUIT DIRECTION IS TO BE SPECIFIED AS REQUIRED.
 2. FIELD VERIFY THE QUANTITY AND TYPE OF CONNECTIONS TO THE POOL AND SPLASH PAD EQUIPMENT IN THIS AREA. THE FULL EXTENT OF WORK REQUIRED TO CONNECT THE NEW POOL EQUIPMENT IS NOT SHOWN ON THE ELECTRICAL PLANS. COORDINATE WITH THE POOL EQUIPMENT DESIGNER AND CONTRACTOR AND INCLUDE ALL ELECTRICAL WORK PERTAINING TO THE POOL/FILTRATION EQUIPMENT IN THE BID PRICE. ALL POOL EQUIPMENT BREAKERS ARE TO BE GFCI TYPE. ADJUST BREAKER SIZES ACCORDINGLY TO MATCH THE EXACT EQUIPMENT CHOSEN. REFER TO ARCHITECTURAL DOCUMENTS FOR POOL GROUNDING AND BONDING REQUIREMENTS. INCLUDE DEMO AND REMOVAL OF EXISTING POOL EQUIPMENT AS REQUIRED.

- POOL NOTES:**
- A POOL GROUNDING AND BONDING SYSTEM SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR (REFER TO THE SPECIFICATION SECTION).
- ALL OF THE FOLLOWING METALLIC PARTS IN A PERMANENTLY INSTALLED SWIMMING POOL ARE TO BE BONDED WITH A #8 AWG SOLID OR LARGER CONDUCTOR:
- CONCRETE REINFORCING STEEL AND ALL METALLIC STRUCTURAL COMPONENTS. UNCOATED REINFORCING STEEL AND ALL OTHER METALLIC STRUCTURES.
 - UNDERWATER LIGHTING. ALL METALLIC PARTS (HOUSINGS AND MOUNTING BRACKETS).
 - METAL FITTINGS. METAL FITTINGS FOR PIPES, DRAINS AND WATER INLETS.
 - ELECTRICAL EQUIPMENT. ALL METAL PARTS OF ANY ELECTRICAL EQUIPMENT ASSOCIATED WITH THE POOL INCLUDING PUMPS AND RECIRCULATING EQUIPMENT, HEATERS AND BLOWERS AND AUTOMATIC COVERS.
 - METALLIC TUBING AND CONDUIT, METAL-SHEATHED CABLE, METAL PIPING AND ALL FIXED METAL PARTS. IN ADDITION TO METAL WIRING METHODS AND EQUIPMENT, ANY COMPONENT WITHIN 5' HORIZONTALLY AND 12' VERTICALLY FROM THE WATER MUST BE BONDED.
- ALL OF THE BONDED PARTS IN OR AROUND THE SWIMMING POOL SHALL BE ATTACHED TO AN EQUIPOTENTIAL BONDING GRID. THIS GRID MUST EXTEND 3' BEYOND THE INSIDE SURFACE OF THE POOL UNDER CONCRETE, STONE OR OTHER PAVED WALKING SURFACES. THIS GRID CAN CONSIST OF THE FOLLOWING:
- REINFORCING STEEL. UNCOATED REINFORCING STEEL OF A CONCRETE POOL (POURED OR SPRAYED), WITH PAINTED OR PLASTER COATINGS) CAN BE USED AS THE EQUIPOTENTIAL BONDING GRID.
 - COPPER GRID. A GRID CONSTRUCTED WITH A MINIMUM OF #8 AWG BARE SOLID COPPER CONDUCTORS WITH 12" X 12" SPACING.
- EQUIPOTENTIAL GRID SHALL CONSIST OF #8 AWG OR LARGER SOLID COPPER CONDUCTOR, 12X12 SPACING PER NEC 680.26(C)(3).
- CONNECTIONS SHALL CONSIST OF BONDING CONDUCTOR, #8 AWG OR LARGER SOLID COPPER, CONNECTED PER NEC 250.8

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	7/21/23

DRAWING TITLE
ELECTRICAL OVERALL PLAN

DRAWING INFORMATION

DATE OF ISSUE	July 10, 2023
CONSTRUCTION DOCUMENTS DESCRIPTION	
SCALE	1" = 10'-0"
PROJECT #	63144
FILE NAME	63144-E101.dwg

DRAWING NUMBER

E101

Z:\Share\Projects (Low)\2023 (63xxx)\63144-48 (63144)\Elec\63144 - E101.dwg, By: omish, PLOTTED: Jul 07, 2023 - 11:02am

