FAYETTE COUNTY WATER SYSTEM WTP ALUM UPGRADES

ITB #26029-B

ISSUED FOR BID SEPTEMBER 2025

OWNER:

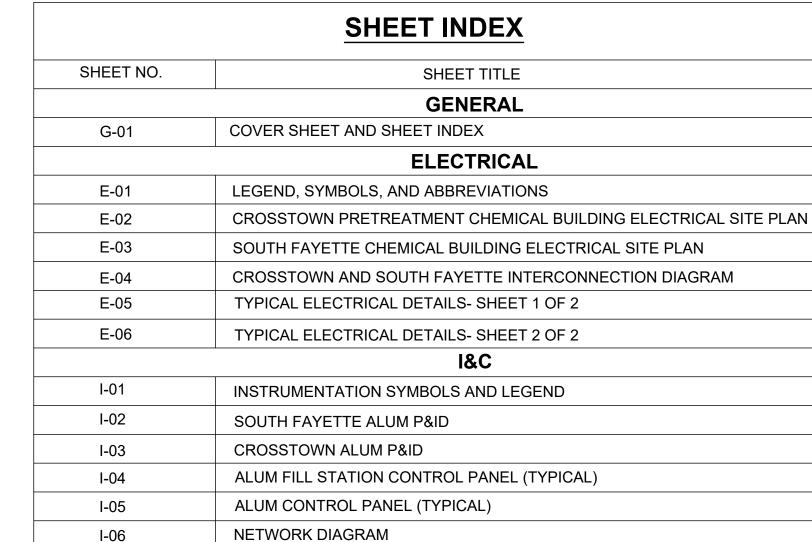


ENGINEER OF RECORD:

LEGAL ENTITY: ARCADIS-U.S., INC.



2839 PACES FERRY ROAD, SUITE1000 ATLANTA, GA 30339-3769 TEL: 770.431.8666 FAX: 770.435.2666 www.ARCADIS.com



INSTRUMENTATION DETAILS

I-07

TEL: 770-431-8666

CONSULTANTS

OWNER



FCWS WTP ALUM UPGRADES FAYETTE COUNTY, GEORGIA

		REVISIONS	
	05/23/25	ISSUED FOR BID	
	12/08/23	90% SUBMITTAL	
	09/26/23	30% SUBMITTAL	
NO.	DATE	ISSUED FOR	В
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PROJECT STATUS: ISSUED FOR BID

PROJECT NO.: 30185066 MAY 2025

DESIGNED BY: S. AYOADE DRAWN BY: N. NIA CHECKED BY: T. POWELL

SHEET TITLE

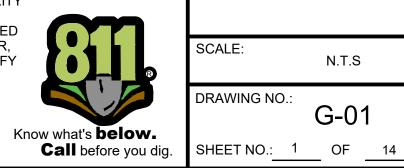
GENERAL

COVER SHEET AND SHEET INDEX

Know what's **below**.

ARCADIS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL AND VERTICAL). THE EXISTING UTILITIES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

Call before you dig.



SCALE: N.T.S RAWING NO.: G-01

VICINITY MAP CROSSTOWN 3500 TDK Blvd, Peachtree City, NOT TO SCALE

CHEROKEE

FAYETTE

BARTOW

PAULDING

DOUGLAS

CROSSTOWN -

PROJECT LOCATION

20

FORSYTH

DEKALB

- SOUTH FAYETTE

PROJECT LOCATION

SPALDING

LOCATION MAP

NOT TO SCALE

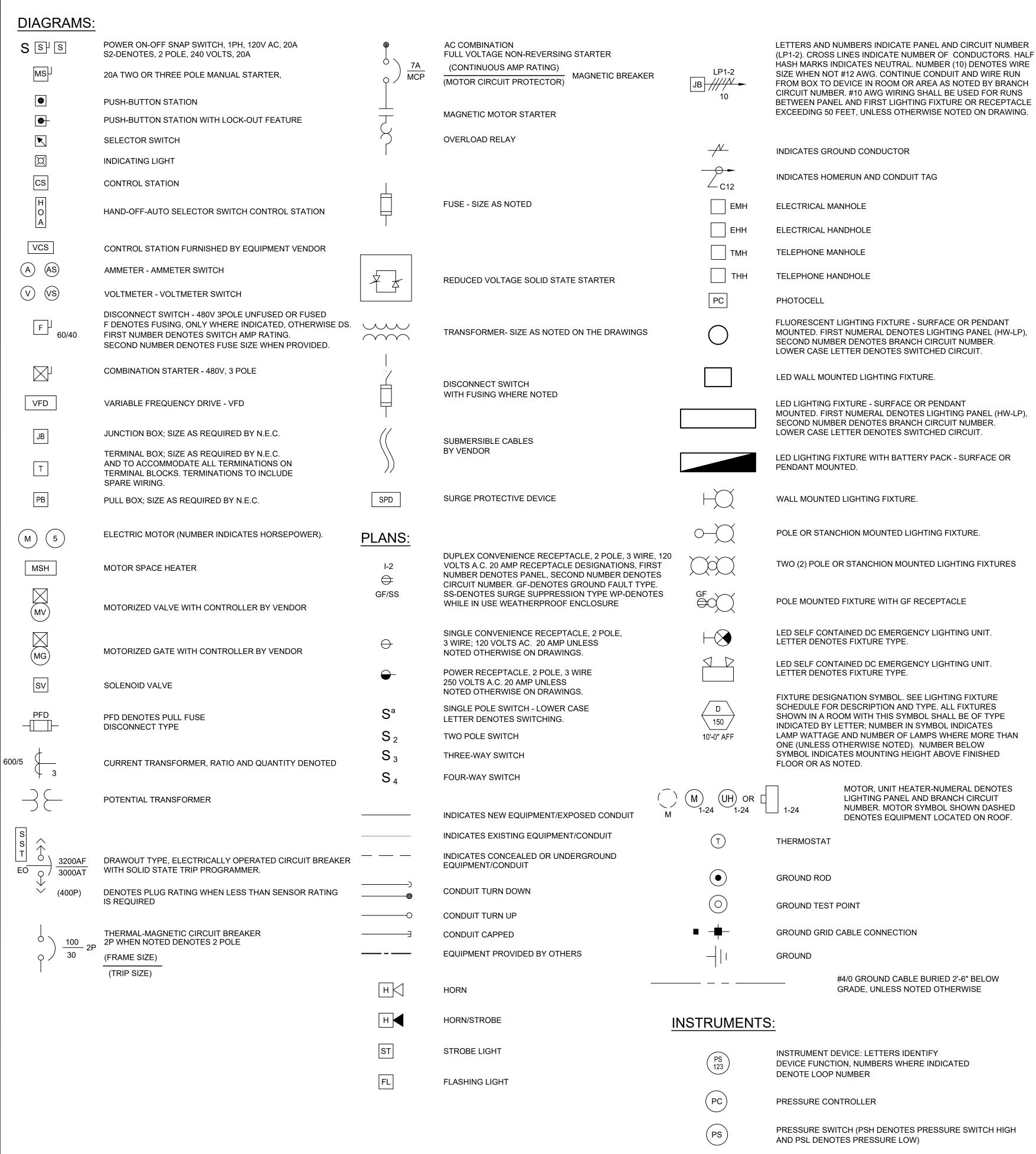
ROCKDALE



WALTON

NEWTON

VICINITY MAP SOUTH FAYETTE 875 Antioch Rd, Fayetteville, NOT TO SCALE



ABBREVIATIONS:

AC

AFF

 AL

ATS

AWG

BKR

BLDG

CPT

AMPERES ALTERNATING CURRENT ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AIR HANDLING UNIT CLARIFICATION ONLY. ALUMINUM AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE **BREAKER** BUILDING CONDUIT CIRCUIT BREAKER

C, CND CB **CBV** CABLE BY VENDOR, INSTALLED BY CONTRACTOR CKT CIRCUIT CNTRL CONTROL CP CONTROL PANEL

CONTROL POWER TRANSFORMER

CS CONTROL STATION CT **CURRENT TRANSFORMER** DB DECIBEL DC **DIRECT CURRENT** DN DOWN

DISC DISCONNECT **DPDT** DOUBLE POLE DOUBLE THROW DS DISCONNECT SWITCH EC EMPTY CONDUIT EHH ELECTRICAL HANDHOLE EL, ELEV **ELEVATION** ELECTRICAL MANHOLE

EMT ELECTRICAL METALLIC TUBING **EXPLOSION PROOF EXISTING** FACP FIRE ALARM CONTROL PANEL FDR **FEEDER**

FIXT **FIXTURE** FT FEET OR FOOT **FVNR** FULL VOLTAGE NON-REVERSING **GALV** GALVANIZED GEC GROUNDING ELECTRODE CONDUCTOR

G, GND GROUND GFI **GROUND FAULT INTERRUPTER** HH HAND HOLE HOA HAND/OFF/AUTO ΗZ

HERTZ ISO **ISOLATION** JUNCTION BOX, CONDUIT, FITTING AS REQUIRED BY NEC, UNLESS OTHERWISE NOTED THOUSAND AMPERES INTERRUPTING CURRENT KAIC

KCMIL THOUSAND CIRCULAR MILS KVA THOUSAND VOLT AMPERES **KW** KILOWATTS LA LIGHTNING ARRESTOR **LCP** LOCAL CONTROL PANEL LS LEVEL SWITCH LTG

LIGHTING **MOTOR** MOTOR CONTROL CENTER MCP MOTOR CIRCUIT PROTECTOR

SL

SP

MFR MANUFACTURER MIN MINIMUM MTG MOUNTING MTS MANUAL TRANSFER SWITCH NA NON-AUTOMATIC N/A NOT APPLICABLE NCTC NORMALLY CLOSED, TIME CLOSE NCTO NORMALLY OPEN. TIME OPEN

> NEC NATIONAL ELECTRIC CODE NIC NOT IN CONTRACT NTS NOT TO SCALE OWNER FURNISHED, CONTRACTOR INSTALLED OFCI OL

OVERLOAD RELAY РΒ PULL BOX PFC POWER FACTOR CORRECTION CAPACITORS

PFD PULL FUSE DISCONNECT PLC PROGRAMMABLE LOGIC CONTROLLER **PNL**

PT POTENTIAL TRANSFORMER PVC POLYVINYL CHLORIDE **RECEP** RECEPTACLE RGS RIGID GALVANIZED STEEL

SECTION LENGTH

SPARE

SPD SURGE PROTECTION DEVICE SST STAINLESS STEEL SWB,SWBD SWITCHBOARD **SWITCHGEAR**

SWGR TEW THERMOCOUPLE EXTENSION WIRE **TPS** TWISTED PAIR, SHIELDED TYP TYPICAL UG UNDERGROUND

UON UNLESS OTHERWISE NOTED UPS UNINTERRUPTIBLE POWER SUPPLY VAC VOLTS ALTERNATING CURRENT VFD VARIABLE FREQUENCY DRIVE

WP WEATHERPROOF XFMR TRANSFORMER

GENERAL NOTES:

1. THE SYMBOLS AND ABBREVIATIONS LIST ON THIS SHEET IS A COMPREHENSIVE STANDARD GUIDE INTENDED FOR GENERAL USE ON ALL PROJECTS. THEREFORE NOT ALL THE SYMBOLS AND ABBREVIATIONS CONTAINED IN THIS LIST ARE NECESSARILY USED ON THIS PARTICULAR PROJECT AND SHOULD BE USED FOR

2. THE CONTRACTOR SHALL READ AND UNDERSTAND THE ENTIRE SET OF CONSTRUCTION DOCUMENTS. THIS INCLUDES BUT IS NOT LIMITED TO THE PLANS AND SPECIFICATIONS FOR ALL DISCIPLINES. THIS WILL ENSURE THAT HE UNDERSTANDS THE FULL SCOPE OF WORK AND IS ABLE TO CONVEY THE REQUIRED MATERIALS AND METHODS OF INSTALLATION TO THE HIS ESTIMATORS. SUPPLIERS AND INSTALLERS.

3. THE CONTRACTOR SHALL REQUEST ACCESS AND VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS.

PROVIDE MEANS TO FURNISH AND INSTALL

COORDINATE ANY AND ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION IN ORDER TO AVOID CONFLICTS DURING CONSTRUCTION.

THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE. DO NOT SCALE FROM THESE DRAWINGS.

7. WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OF INSTALLATION OR NATURE OF THE WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ANY ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES MAY BE MADE WITHOUT WRITTEN CONSENT FROM THE ENGINEER AND OWNER.

8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENFORCED EDITION OF THE NATIONAL ELECTRIC CODE, NATIONAL ELECTRIC SAFETY CODE, LIFE SAFETY CODE, GEORGIA BUILDING CODE AND ALL LOCAL AND STATE CODES AND REGULATIONS. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

9. MOUNTING HEIGHTS INDICATED ARE TO THE CENTER OF THE DEVICE U.O.N.

10. CONTRACTOR SHALL DETERMINE THE BEST ROUTING IN THE FIELD FOR CONDUITS FROM/TO JUNCTION BOXES, PULL BOXES, DISCONNECT SWITCH AND ELECTRICAL EQUIPMENT TO AVOID CONFLICTS BETWEEN PIPES AND BUILDING STRUCTURE, AND OBSTRUCTION.

DEMOLITION NOTES:

1. BIDDING CONTRACTORS SHALL VISIT THE SITE TO ASSESS THE SCOPE OF DEMOLITION, REMOVAL AND MODIFICATION WORK.

2. ELECTRICAL CONTRACTOR AND THE OWNER SHALL DE-ENERGIZE ALL WIRING PRIOR TO REMOVAL OF EQUIPMENT, DEVICES, MOTORS INSTRUMENTATION, CONTROL PANELS, ETC. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM THE OWNER.

3. CONTRACTOR SHALL COORDINATE AND CROSS REFERENCE OF OTHER DISCIPLINE DRAWINGS TO INFER THE EXTENT OF DEMOLITION.

4. CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION THAT IS

5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CIRCUIT CONTINUITY TO ALL DEVICES AND EQUIPMENT THAT ARE TO REMAIN. THIS INCLUDES ANY EXTENSION OR RE-ROUTING OF EXISTING CIRCUITING AFFECTED BY DEMOLITION. NO EQUIPMENT MARKED FOR DEMOLITION SHALL BE DAMAGED OR DISCARDED WITHOUT PREVIOUS COORDINATION WITH AND APPROVAL BY THE OWNER.

6. EXPOSED RACEWAYS: REMOVE CONDUIT, WIRES, AND BOXES. PATCH TO MATCH EXISTING. FINISH-ALL OPENINGS IN WALLS AND FLOORS.

7. CONCEALED CONDUITS IN THE SLAB: REMOVE EXISTING WIRES TO THE EXTENT POSSIBLE AND ABANDON CONDUITS IN THE SLAB. CUT CONDUIT FLUSH AND PATCH THE FLOOR TO MATCH EXISTING.

8. UNDERGROUND CONDUITS: REMOVE EXISTING WIRES TO EXTENT POSSIBLE AND ABANDON CONDUITS IN PLACE. CUT CONDUIT FLUSH AND GRADE SMOOTH THE GROUND.

9. CONTROL PANEL: ELECTRICAL CONTRACTOR SHALL DE-ENERGIZE AND REMOVE ALL CONDUIT AND WIRE AS DESCRIBED IN NOTE 2. CONTRACTOR SHALL REMOVE PANELS AS NOTED ON THE CONTRACT DRAWINGS. REFER TO NOTE 4 ABOVE FOR DISPOSITION OF ENCASED

10. REFER TO SPECIFICATION 16050, GENERAL PROVISIONS FOR ELECTRICAL SYSTEMS FOR ADDITIONAL ELECTRICAL DEMOLITION AND REMOVAL REQUIREMENTS.

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SEALS



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FAYETTE COUNTY, GEORGIA

REVISIONS

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NO.	DATE	ISSUED FOR	B,

PROJECT STATUS: ISSUED FOR BID

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PROJECT NO.: 30185066 MAY 2025 DATE:

DESIGNED BY: S. AYOADE DRAWN BY: V. GANESH

SHEET TITLE

CHECKED BY:

ELECTRICAL

T. POWELL

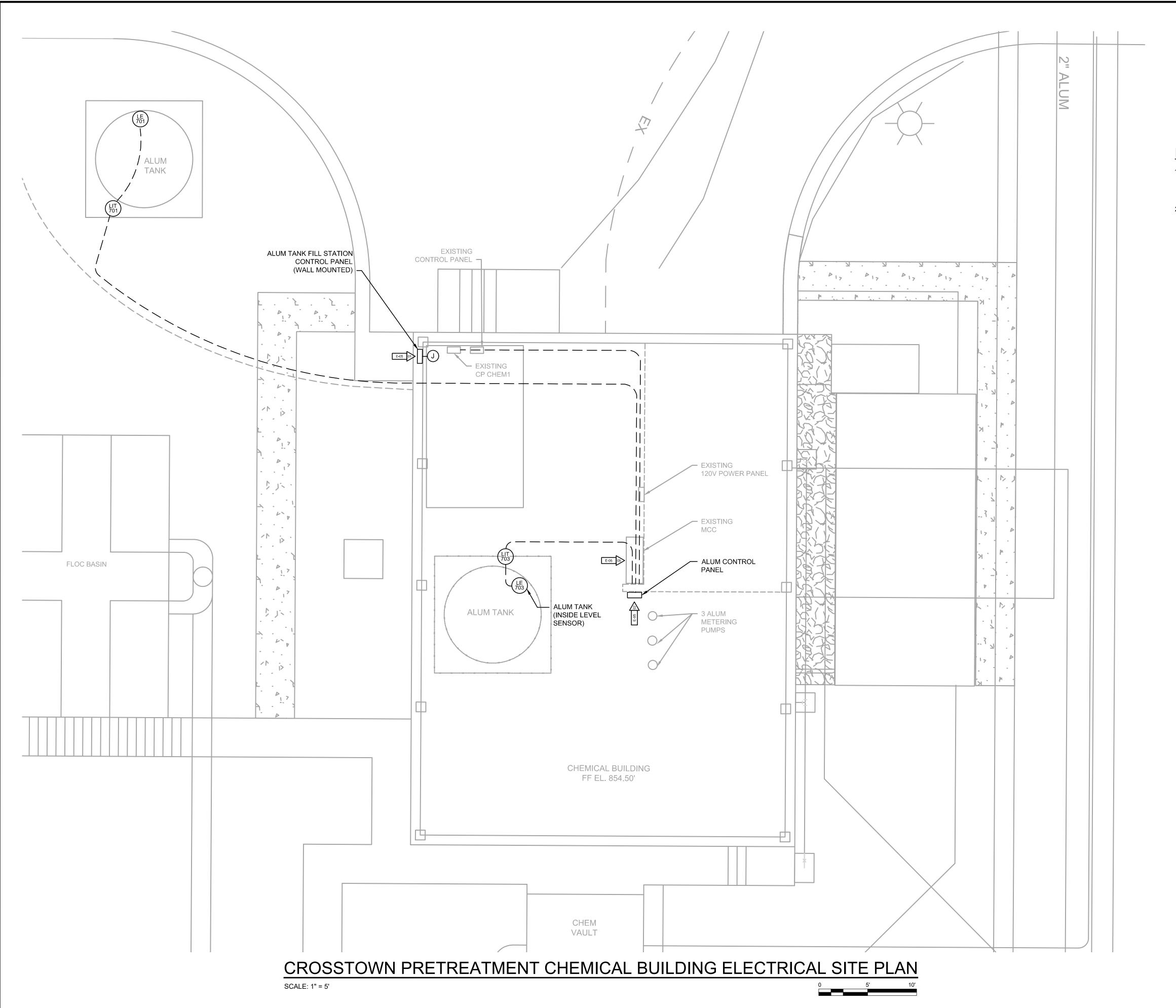
LEGEND. SYMBOLS AND **ABBREVIATIONS**

Know what's **below.**

SCALE:

N.T.S DRAWING NO.:

E-01 Call before you dig. SHEET NO.: 2 OF 14





NOTES:

- 1. EXTERNAL ALUM TANK LEVEL TRANSMITTER SIGNAL CABLE TO BE INSTALLED IN EXISTING NEWLY INSTALLED CONDUIT IN DUCTBANK.
- 2. CONTRACTOR TO EXTEND NEW CONDUIT FROM DUCTBANK AND TERMINATE INTO BUILDING.



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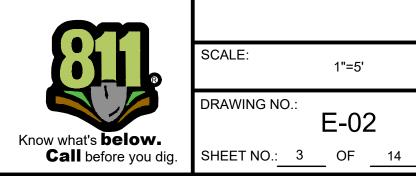
MAY 2025 DESIGNED BY: S. AYOADE

CHECKED BY: T. POWELL SHEET TITLE

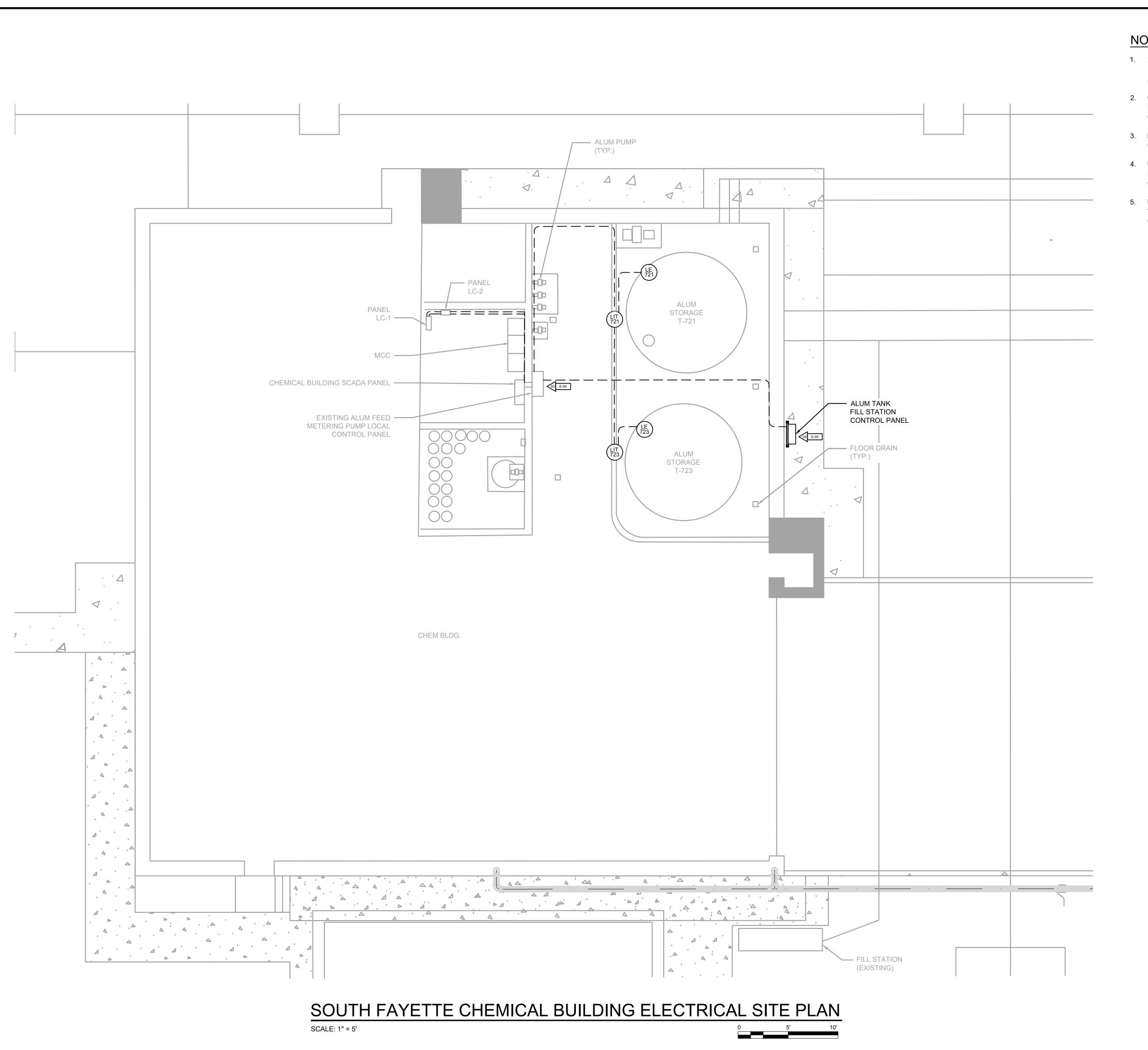
DRAWN BY:

ELECTRICAL

CROSSTOWN PRETREATMENT CHEMICAL BUILDING ELECTRICAL SITE PLAN



SCALE:	1"=5'
DRAWING NO.:	



NOTES:

- 1. ALUM FEED METERING PUMP LOCAL CONTROL PANEL TO BE REPURPOSED WITH NEW BACKPLATE AND PANEL DOOR FOR NEW ALUM CONTROL PANEL.
- 2. CONTRACTOR TO DETERMINE INTEGRITY OF EXISTING ALUM FEED METERING PUMP LOCAL CONTROL PANEL.
- 3. FIELD LOCATE LEVEL TRANSMITTER ON CHANNEL STAND.
- 4. USE SPARE BREAKER IN PANEL LC-1 TO PROVIDE POWER TO ALUM FILL STATION CONTROL PANEL.
- USE EXISTING BREAKER IN PANEL LC-1 FOR THE EXISTING ALUM FEED METERING PUMP LOCAL CONTROL PANEL TO FEED ALUM CONTROL PANEL.



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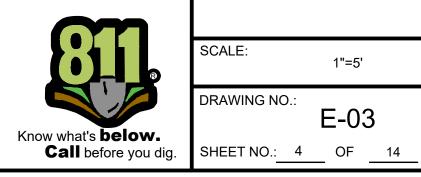
PROJECT STATUS: ISSUED FOR BID

PROJECT NO.: 30185066 MAY 2025 DESIGNED BY: S. AYOADE

DRAWN BY: CHECKED BY: T. POWELL

SOUTH FAYETTE CHEMICAL BUILDING ELECTRICAL SITE PLAN

ELECTRICAL



hat's below.	ı

DRAWING NO.:

NOTE:

1. EXISTING STREAMING CURRENT SIGNAL TO BE RELOCATED FROM CHEMICAL BUILDING SCADA PANEL TO NEW ALUM CONTROL PANEL.



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SHEET TITLE

ELECTRICAL

CROSSTOWN & SOUTH FAYETTE INTERCONNECTION DIAGRAM

ALUM TANK FILL 120V FROM PANEL LC-1 STATION CONTROL PANEL C-004 ф— C-005 ETHERNET 2- #16 TSP +10-#14 3/4"C 120V FROM PANEL LC-1 ALUM CONTROL PANEL — C-008 1- #16 TSP — C-007 — C-002 2- #16 TSP 1- #16 TSP 3/4"C NOTE 1 **POWERED** ALUM PUMP 1 LIT 723 ф----- 1- #16 TSP ALUM PUMP 2 C-001 CBV 3/4"C — C-003 CBV 3/4"C EXISTING ALUM PUMP 3 LE 723

EXISTING CHEMICAL BUILDING

SCADA PANEL

CROSSTOWN INTERCONNECTION DIAGRAM SCALE: N.T.S

EXISTING

CP-CHEM-1

ALUM CONTROL PANEL

— C-003

3/4"C

— C-004 CBV 3/4"C

LE 703

1- #16 TSP

____ LOOP

POWERED

ALUM

ALUM PUMP 2

ALUM PUMP 3

— C-006

3/4"C

— C-007

1- #16 TSP

— 1- #16 TSP

— C-008

1- #16 TSP

ETHERNET

ALUM TANK FILL

STATION CONTROL

PANEL

C-005 -

+10-#14

2- #16 TSP

C-001 —

3/4"C

1- #16 TSP

120V

FROM PANEL LG

FROM PANEL LG

SOUTH FAYETTE INTERCONNECTION DIAGRAM

811
Know what's below

SCALE:	
OO/ (LL.	N.T.S

DRAWING NO.: E-04 SHEET NO.: 5 OF 14 CONTRACTOR TO CUT AND SEAL WITH TREADED CAP

DEMOLISH EXISTING LIME FILL STATION CONTROL PANEL.

EXISTING POWER

CIRCUIT TO BE

REUSED FOR

FILL STATION

CONTROL PANEL

TO BE INSTALLED

IN SAME LOCATION.

OBSTRUCT WINDOW

NEW ALUM

DO NOT

PHOTO

CONTRACTOR TO FIELD VERIFY SIGNAL JUNCTION RELOCATION INSTALLATION OF PANEL AND TIE STREAMING CURRENT SIGNALS INTO PANEL

STREAMING CURRENT **BOX AND DETERMINE** REQUIREMENTS FOR NEW ALUM CONTROL

INCLUDE CUTOUT OUT FOR NEW OIT SCREEN FOR ALUM CONTROL PANEL

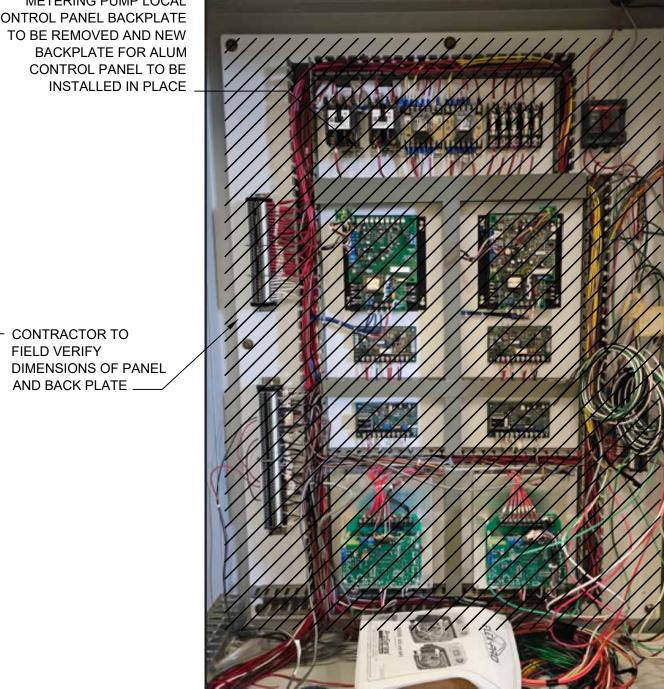
PANEL TO BE REPLACED WITH **NEW DOOR**

EXISTING ALUM FEED METERING PUMP LOCAL CONTROL PANEL BACKPLATE TO BE REMOVED AND NEW BACKPLATE FOR ALUM
CONTROL PANEL TO BE INSTALLED IN PLACE

CONTRACTOR TO

SCALE: N.T.S

FIELD VERIFY



DURING ACTIVE

PAINTING, PROTECT

COMPONETS INCIDE MCC FROM OVERSPRAY

USING TEMPORARY

PLASTIC/VISQUINE

BARRIER

No. PE047048 PROFESSIONAL

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ELECTRICAL

TYPICAL ELECTRICAL **DETAILS** SHEET 1 OF 2

N.T.S

E-05

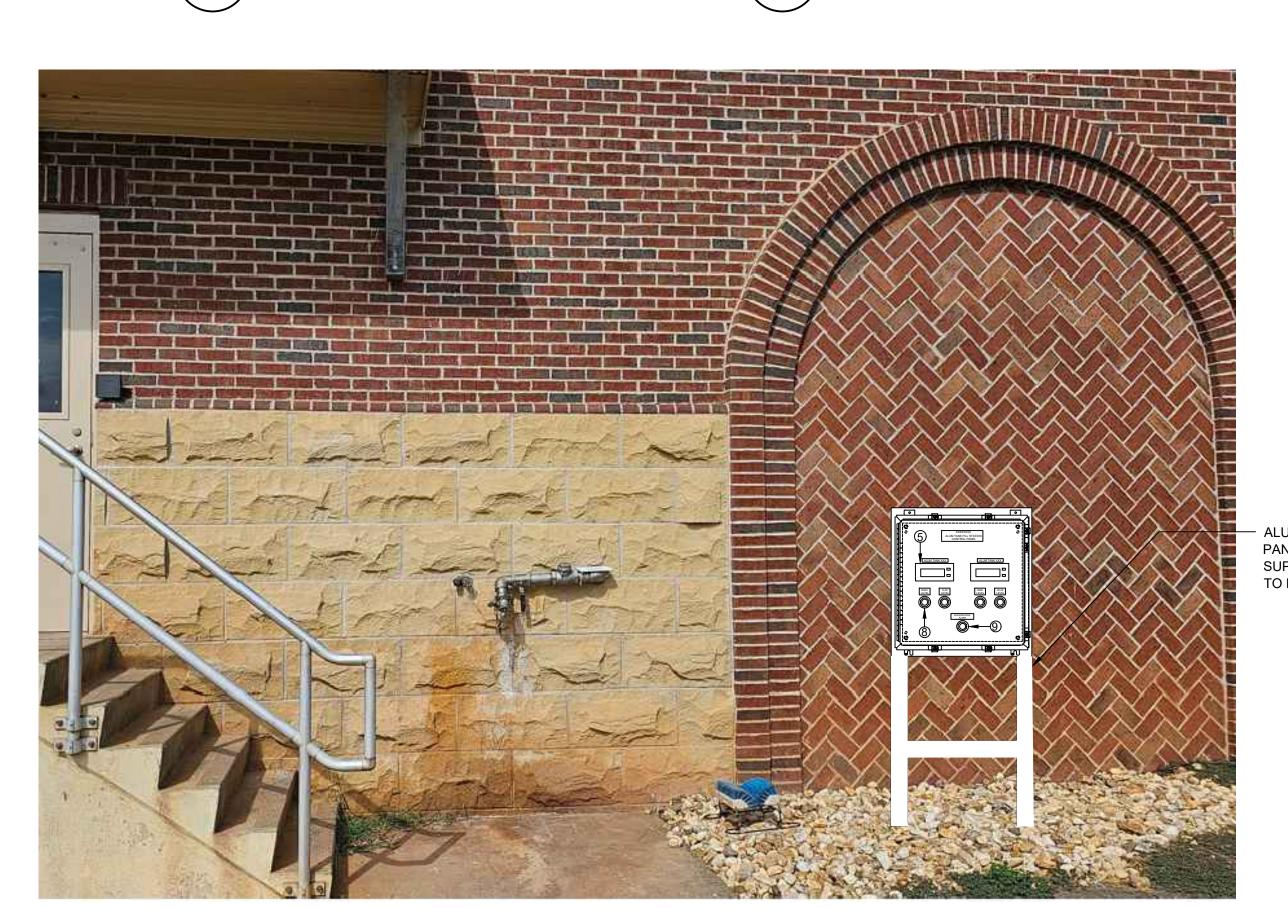
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PHOTO

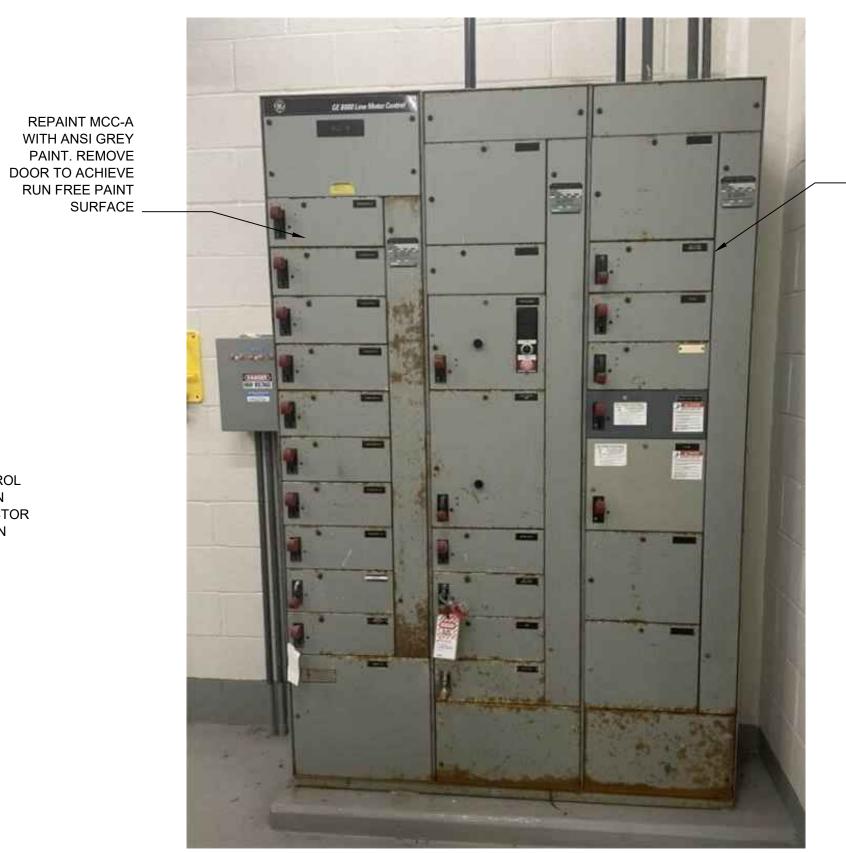
SCALE: N.T.S

DEMOLISH EXISTING ALUM FEED SYSTEM NO 1 AND NO 2 INCLUDING ALL ASSOCIATED CONDUIT AND JUNCTION BOX

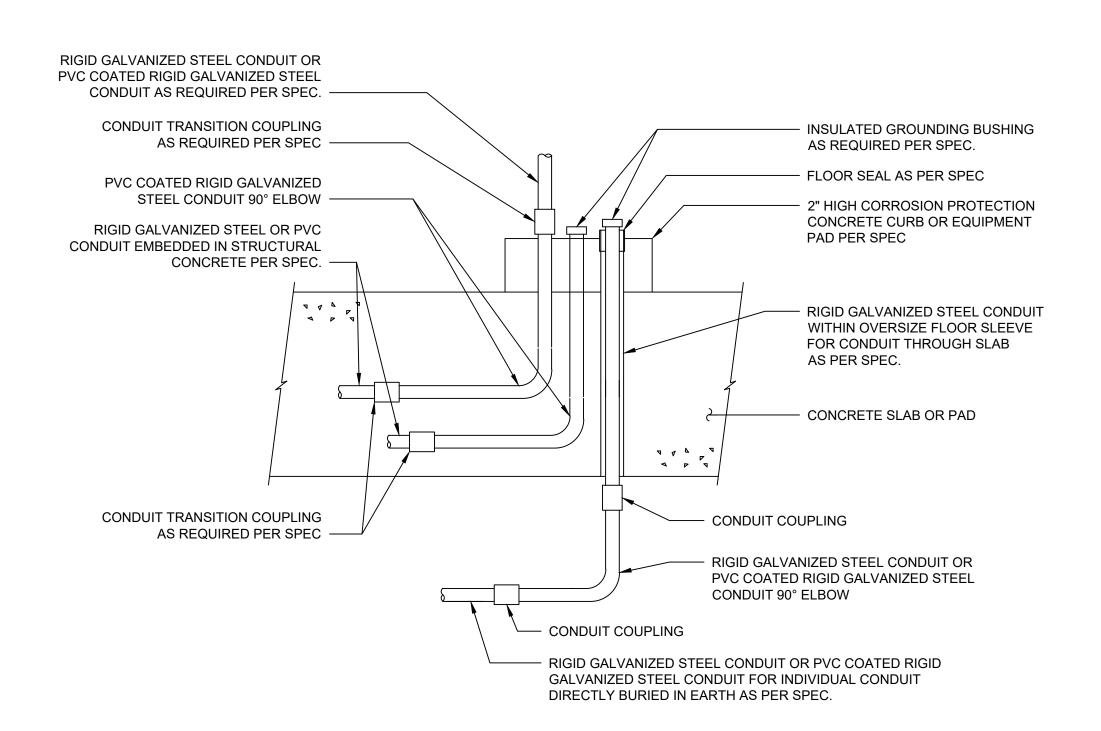
PHOTO



- ALUM FILL STATION CONTROL PANEL TO BE MOUNTED ON SUPPORT RACK. CONTRACTOR TO FIELD VERIFY LOCATION



Know what's **below.**Call before you dig. SHEET NO.: 6 OF 14



EMBEDDED CONDUIT DETAIL AND CONDUIT CORROSION PROTECTION DETAIL

EXISTING CONCRETE OR

MASONRY WALL OR SLAB

SCHEDULE 80 PVC SLEEVE

CAULK ENDS ALL AROUND (TYPICAL BOTH SIDES)

FIRE RATED JOINT FILLER

CONDUIT

TYPE OF CONNECTION BURNDY CAT# | T&B CAT# | CADWELL CAT# CABLE TO LUG LA 54000 SERIES CABLE CABLE TO ROD GT **SERIES** GAR CABLE TO CABLE GX TV OR TA 53000 SERIES CABLE TO PIPE PIPE OR - CONDUIT HA OR VS CABLE GAR OR GD 3900 **SERIES** CABLE TO FLAT SURFACE GB HA OR HS **BRAID TO PIPE**

BOLTED OR COMPRESSION

WELDED

GROUNDING CONNECTION

GG



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SHEET TITLE

ELECTRICAL

TYPICAL ELECTRICAL DETAILS

SHEET 2 OF 2

SCALE: N.T.S

DRAWING NO.: E-06 SHEET NO.: 7 OF 14

- CLAMP-BACK SPACER EXPANSION ANCHORS, LENGTH AS REQUIRED FOR RIGID ASSEMBLAGE. (TYP.) CONCRETE WALL OR CEILING CONCRETE WALL OR CEILING ONE-HOLE STRAP (CLAMP) HEX NUT HEX HEAD BOLT 2 PIECE CLAMPS PER SPECIFICATIONS CONCRETE WALL OR CEILING RIGID METAL CONDUIT PER SPECIFICATIONS. FASTENER AND LOCK WASHER (TYP) **←−**□⇒+# **BOLT WITH HEX HEAD AND** THESE DETAILS ARE TYPICAL FOR BOTH VERTICAL AND HORIZONTAL MOUNTING. SQUARE WASHER (TYP.) ALL THREADED FASTENERS TO BE PER SPECIFICATIONS.



TYPICAL CONDUIT PENETRATION THROUGH EXISTING WALL OR SLAB E-06

TYPICAL MULTIPLE CONDUIT MOUNTING USING STRUT

TYPICAL CONDUIT MOUNTING **USING STRAPS**

EXPANSION ANCHOR, LENGTH AS REQUIRED FOR RIGID ASSEMBLAGE (TYP).

SEE NOTE 4 -

FASTENER AND

LOCK WASHER

SEE NOTE 4

SPACER

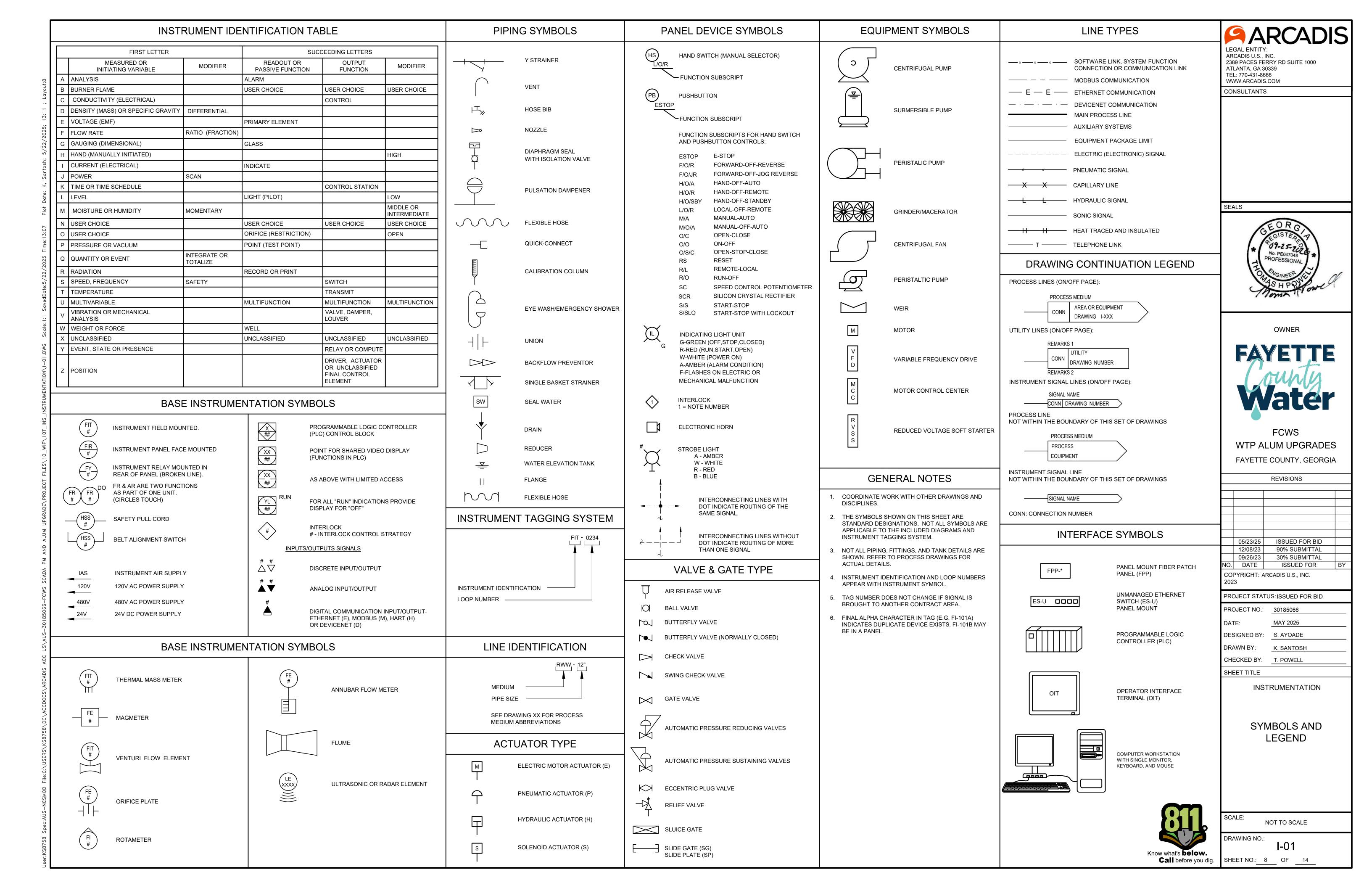
TWO-HOLE

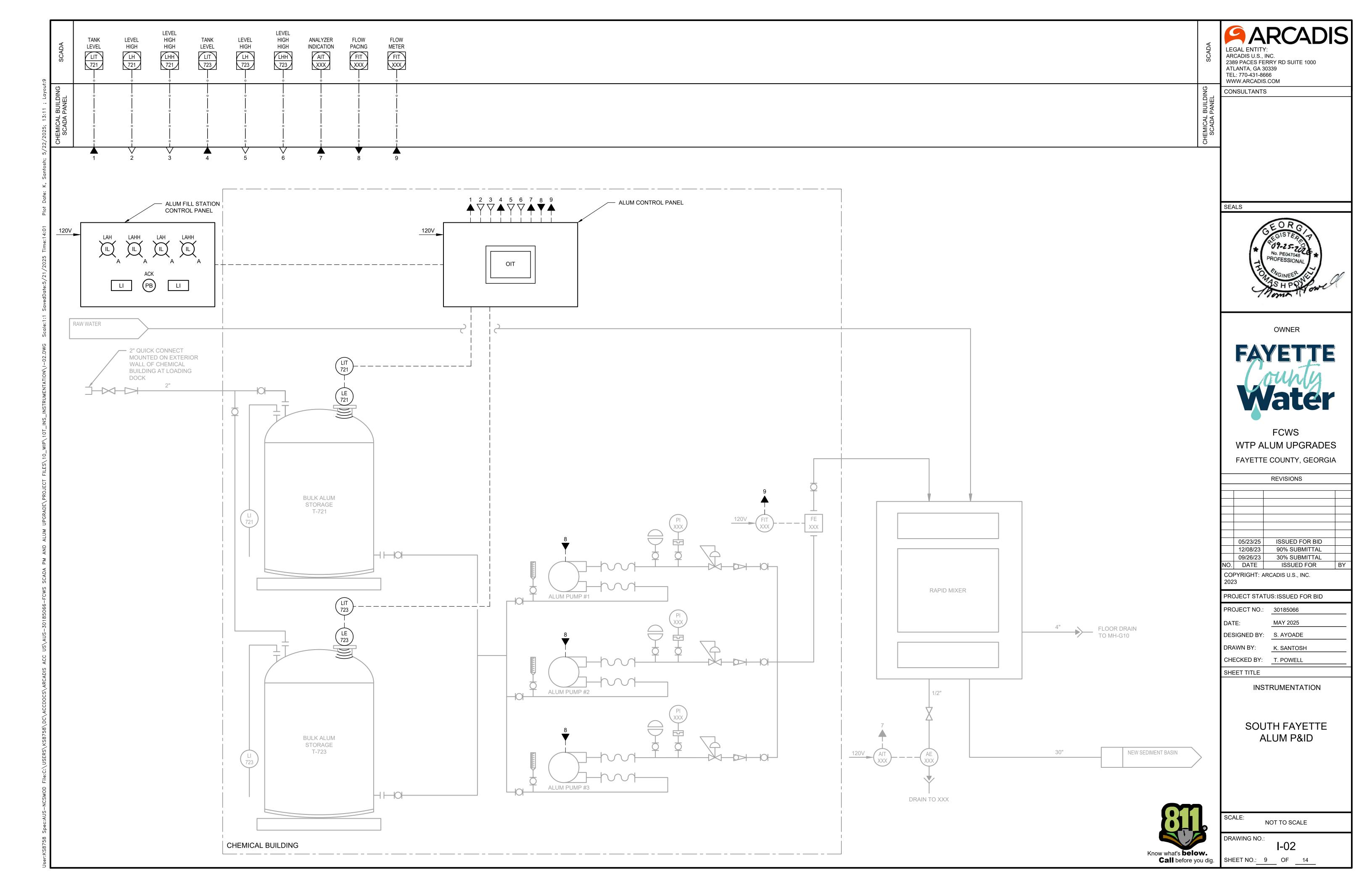
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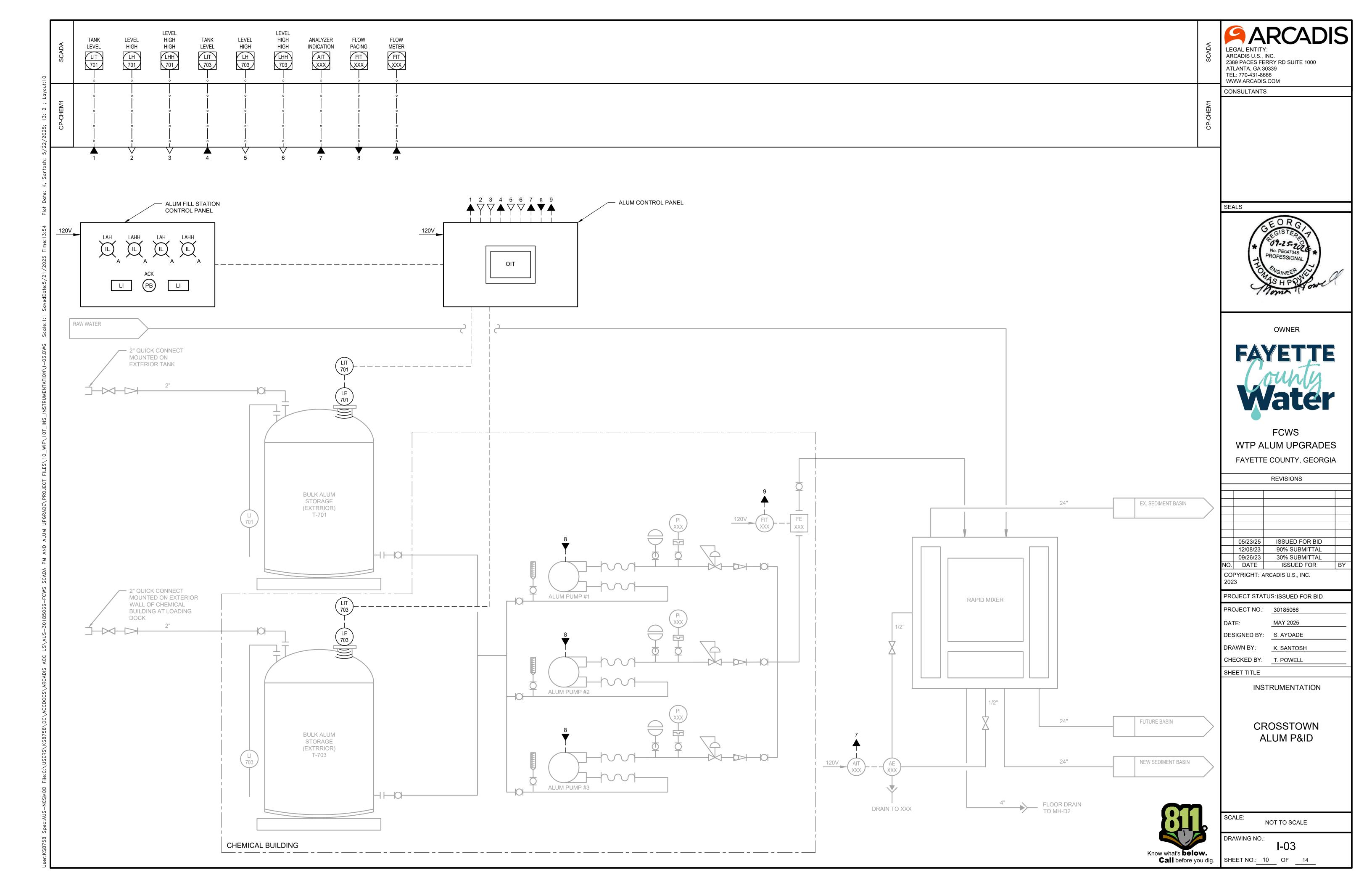
E-06

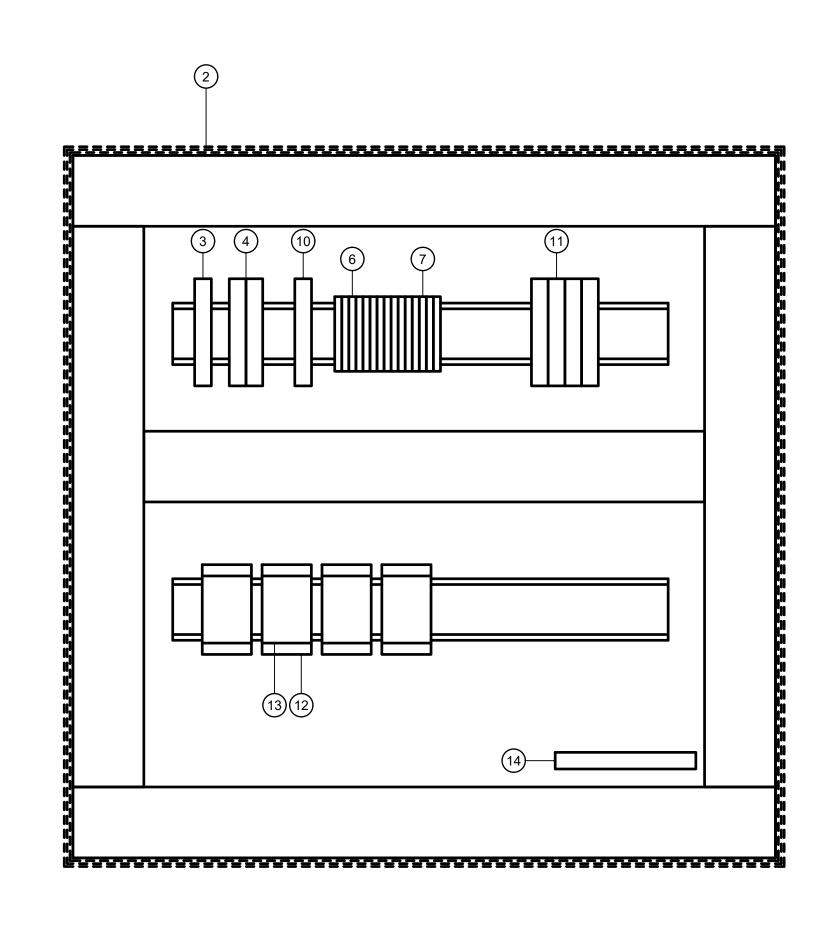
STRAP TO BE SPACED PER SPECIFICATIONS.

STRAP (CLAMP)









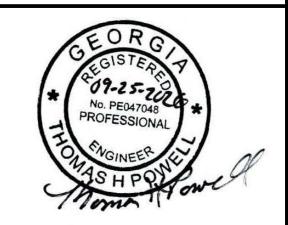
ITEM	QTY	DESCRIPTION
1	1	NEMA 4X ENCLOSURE
2	1	BACKPLANE
3	1	10A CIRCUIT BREAKER
4	2	5A CIRCUIT BREAKER
5	2	DIGITAL DISPLAY
6	A/R	TERMINAL BLOCKS
7	A/R	GROUNDING TERMINAL BLOCKS
8	4	AMBER PILOT LIGHT
9	1	N.O. PUSH BUTTON
10	1	120V SURGE PROTECTION
11	2	ANALOG SURGE PROTECTION
12	4	RELAY BASES
13	4	RELAYS
14	1	GROUND BAR

ARCADIS INC.

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ATLANTA, GA 30339
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DATE: MAY 2025

DESIGNED BY: S. AYOADE

DRAWN BY:

SHEET TITLE

CHECKED BY: T. POWELL

INSTRUMENTATION

ALUM FILL STATION CONTROL PANEL (TYPICAL)

NOTE:

 ALUM CONTROL PANEL IS TYPICAL FOR CROSSTOWN AND SOUTH FAYETTE WATER TREATMENT PLANTS.

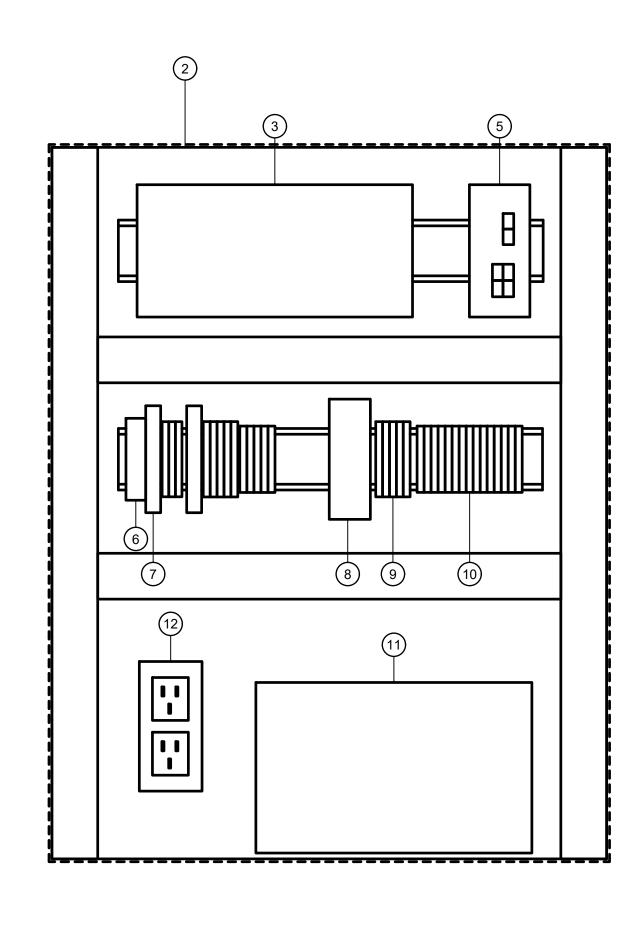


SCALE: NOT TO SCALE

RAWING NO.:

Know what's **below.**Call before you dig. SHEET NO.: 11 OF 14

0 _______ ALUM CONTROL PANEL L-----

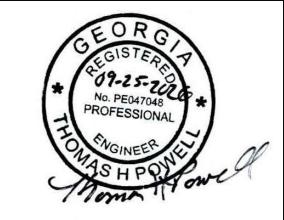


	ı	1
ITEM	QTY	DESCRIPTION
1	1	NEMA 4X ENCLOSURE
2	1	BACKPLANE
3	1	ALLEN-BRADLEY PLC
4	1	7IN ALLEN-BRADLEY OIT
5	1	UNMANAGED NETWORK SWITCH
6	2	120V SURGE PROTECTION
7	2	15A CIRCUIT BREAKER
8	1	24VDC POWER SUPPLY
9	A/R	FUSE TERMINALS
10	A/R	TERMINAL BLOCKS
11	1	UNINTERRUPTIBLE POWER SUPPLY
12	1	DUPLEX RECEPTACLE



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DRAWN BY: CHECKED BY: T. POWELL

SHEET TITLE

INSTRUMENTATION

ALUM CONTROL PANEL (TYPICAL)

NOTE:

1. ALUM CONTROL PANEL IS TYPICAL FOR CROSSTOWN AND SOUTH FAYETTE WATER TREATMENT PLANTS.



NOT TO SCALE

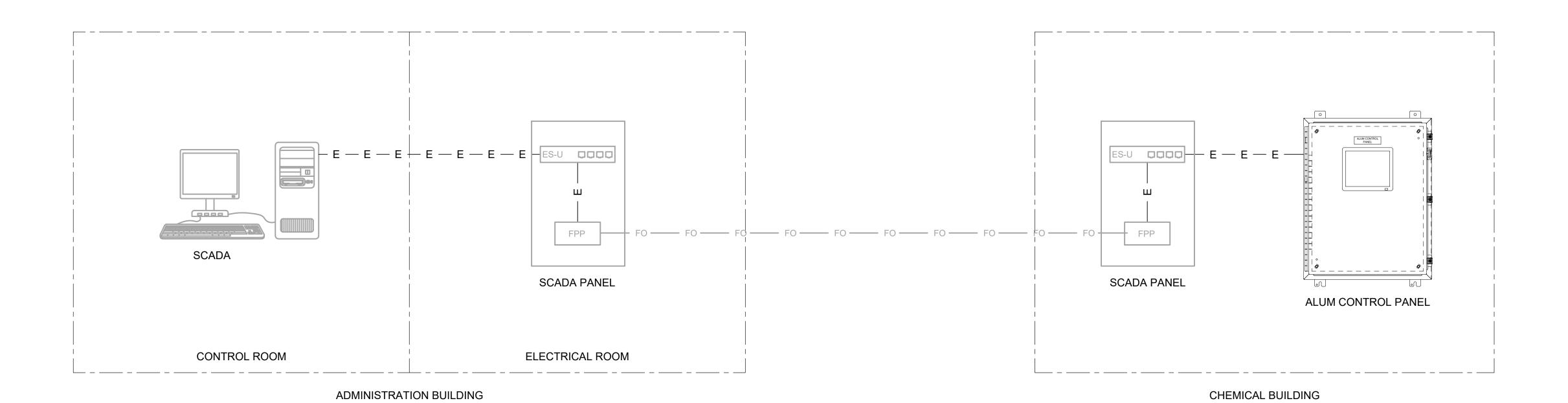
DRAWING NO.:

Know what's **below.**Call before you dig. SHEET NO.: 12 OF 14

CHEMICAL BUILDING

CROSSTOWN NETWORK DIAGRAM

SCALE: N.T.S



SOUTH FAYETTE NETWORK DIAGRAM

SCALE: N.T.S



ARCADIS U.S., INC. 2389 PACES FERRY RD SUITE 1000 ATLANTA, GA 30339 TEL: 770-431-8666 WWW.ARCADIS.COM

CONSULTANTS

SEALS



OWNER



FCWS WTP ALUM UPGRADES FAYETTE COUNTY, GEORGIA

REVISIONS

	05/23/25	ISSUED FOR BID		
	12/08/23	90% SUBMITTAL		
	09/26/23	30% SUBMITTAL		
NO.	DATE	ISSUED FOR	В	
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PROJECT STATUS: ISSUED FOR BID

PROJECT NO.: 30185066 MAY 2025 DESIGNED BY: S. AYOADE

CHECKED BY: T. POWELL

SHEET TITLE

INSTRUMENTATION

NETWORK DIAGRAM

NOT TO SCALE

DRAWING NO.:

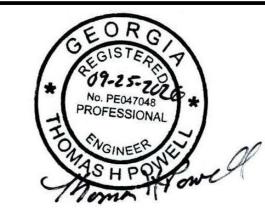
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1. ELEVATION X IS MAXIMUM LIQUID LEVEL.

LEGAL ENTITY:
ARCADIS U.S., INC.
2389 PACES FERRY RD SUITE 1000
ATLANTA, GA 30339
TEL: 770-431-8666
WWW.ARCADIS.COM

CONSULTANTS

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PROJECT STATUS: ISSUED FOR BID PROJECT NO.: 30185066

MAY 2025 DESIGNED BY: S. AYOADE

CHECKED BY: T. POWELL

SHEET TITLE

INSTRUMENTATION

INSTRUMENTATION **DETAILS**

Know what's **below.**Call before you dig. SHEET NO.: 14 OF 14

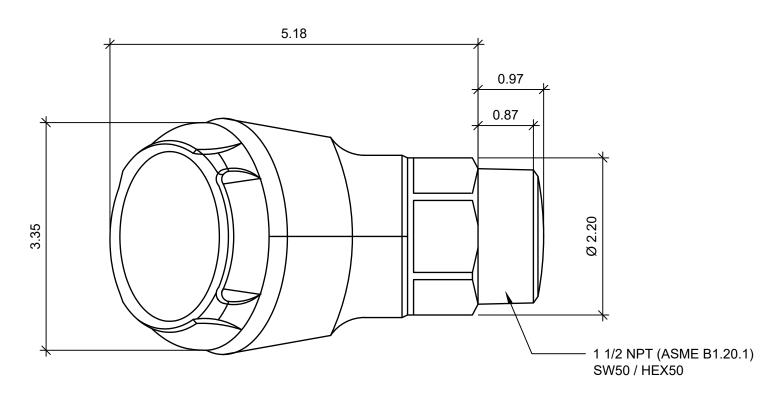
NOT TO SCALE

DRAWING NO.:

 MOUNTING THREAD COUNTER NUT ELECTRONICS HOUSING RADAR ANTENA TANK VENT CONNECTION TANK WALL EL. X (NOTE 1)

- CONNECTION CABLE

RADAR LEVEL SENSOR TANK MOUNTED INSTALLATION DETAIL SCALE: N.T.S



RADAR LEVEL SENSOR SCALE: N.T.S

