

CONSTRUCTION PLANS FOR
CONTRACT "A" (PHASE "1B")
WATER SUPPLY WELLS

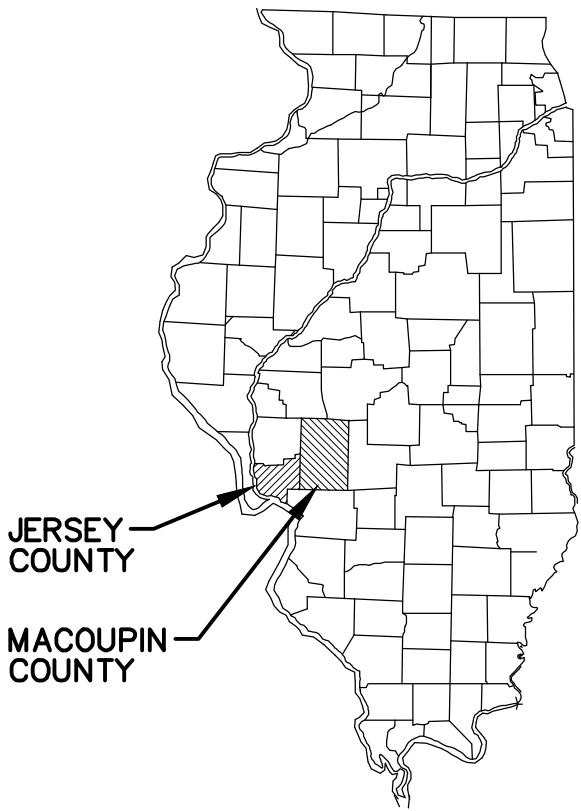
ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

2026

CAUTION:
INFORMATION ON DRAWINGS
CONCERNING TYPE AND LOCATION
OF UNDERGROUND AND OTHER UTILITIES
IS NOT GUARANTEED TO BE ACCURATE
OR ALL INCLUSIVE. THE CONTRACTOR IS
RESPONSIBLE FOR MAKING HIS OWN
DETERMINATION AS TO THE TYPE AND
LOCATION OF UNDERGROUND AND OTHER
UTILITIES AS MAY BE NECESSARY TO
AVOID DAMAGE THERETO.

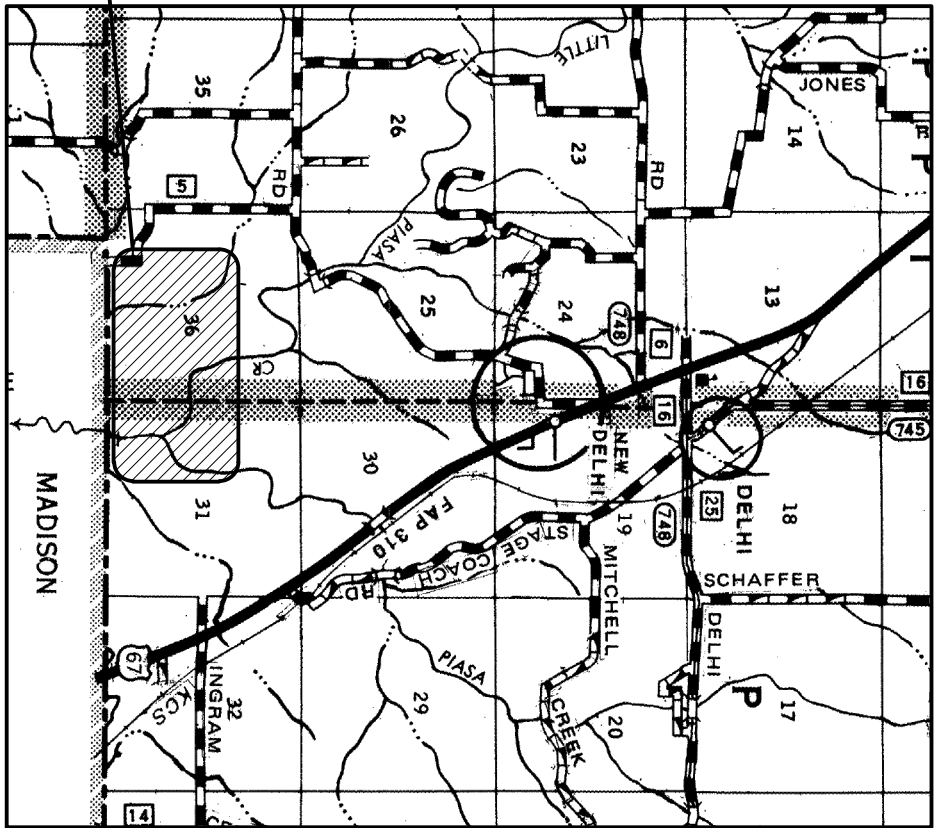


Know what's below
Call before you dig



STATE OF ILLINOIS

PROJECT LOCATION



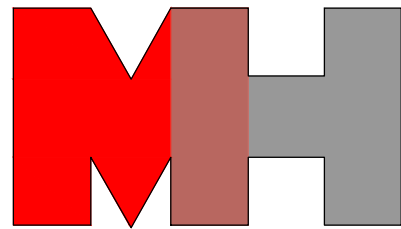
VICINITY MAP



PROJECT LOCATION PLAN

NOTE: IF THIS SET IS PLOTTED LESS THAN 22x36 IN. SIZE,
IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY.

MECO-HENEGHAN
ENGINEERS, LLC



www.meco-heneghan.com

DESIGN FIRM NUMBERS:
IL: 164.007845-0010
035.003949
EXPIRES: APRIL 30, 2027
MO: 2018004041
EXPIRES: DECEMBER 31, 2027

400 N. FIFTH STREET
SUITE 107
ST. CHARLES, MO 63301
P: (636) 395-7055

REVISIONS

DATE

NO.

PHASE 1B

PROJECT CONTACT INFORMATION

MAX MIDDENDORF
OFFICE PHONE: (217) 285-2550
EMAIL: mmiddendorf@mecoengineering.com

UTILITY PROVIDER INFORMATION

JERSEY COUNTY RURAL WATER COMPANY (618) 498-9534
MJM ELECTRIC CO-OPERATIVE (217) 707-6156

IARWC BOARD MEMBERS

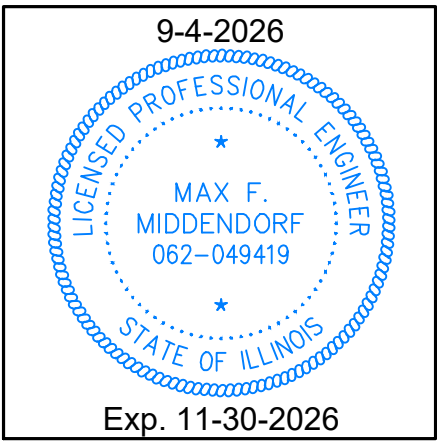
JERSEY COUNTY RURAL WATER:	ALLEN DAVENPORT
BUNKER HILL:	JOHN CHAPMAN
DORCHESTER:	SUE CAMPBELL
CARLINVILLE:	SARAH OSWALD
FIELDON:	JULIA DIXON
CENTRAL MACOUPIN COUNTY RURAL WATER DISTRICT:	RANDY DARR
FOSTERBURG WATER DISTRICT:	STEVE RUPPERT

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS
WERE PREPARED BY ME OR UNDER MY
DIRECT SUPERVISION AND THAT I AM
A DULY REGISTERED PROFESSIONAL
ENGINEER EXISTING UNDER THE LAWS
OF THE STATE OF ILLINOIS

Max Middendorf

MAX F. MIDDENDORF, P.E. # 062-049419 ILL.



CONTRACT "A" - PHASE "1B"
TYPICAL WELL PLATFORM
ELECTRICAL PLAN / EQUIPMENT
INFORMATION DETAILS

ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

DRAWN BY: R. HAYES
CHECKED BY: K. GARNETT
APPROVED BY: M. MIDDENDORF

HORIZONTAL SCALE:
N/A

VERTICAL SCALE:
N/A

PROJECT NO.
700-003

DATE:
09/04/26

SHEET NO.
G1

1 OF 13 SHEETS

PATH: i:\projects\700\700 illinois alluvial regional water company\003 iarwc basic services\contract a - phase 2 - water supply wells\700003 g1 cover sheet cont. a.dwg
PLOTED: 9/11/2026 @ 10:09:44 AM BY: richard hayes

PATH=I:\projects\700\700 illinois alluvial regional water company\003 larwc basic services\contract a - phase 2 - water supply wells\700003 g2 index.dwg
PLOTJOB: 9/11/2026 @ 9:11:49 AM BY richard hayes

STRUCTURAL	
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ACI	AMERICAN CONCRETE INSTITUTE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS
AWS	AMERICAN WELDING SOCIETY
AB	ANCHOR BOLT
L	ANGLE
B.P	BASE PLATE
BM	BEAM
BRG	BEARING
BRG.P	BEARING PLATE
BLK.	BLOCK
BT	BOLT
BOT	BOTTOM
BRK	BRICK
BLDG.	BUILDING
CEM.	CEMENT
C	CENTER LINE
C/C	CENTER TO CENTER
CHAN	CHANNEL
CL	CLEAR
COL	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONT. JT. OR C.J.	CONTROL JOINT
DIA	DIAMETER
DWL	DOWEL
E.F.	EACH FACE
EL	ELEVATION
ENG.	ENGINEER
E.W.	EXPANWAY
EXP. BT.	EXPANSION BOLT
EXP. JT. OR E.J.	EXPANSION JOINT
FIN. FL.	FINISHED FLOOR
FTG	FOOTING
FND.	FOUNDATION
GALV.	GALVANIZED
I.F.	INSIDE FACE
JST	JOIST
L.W.C.	LIGHT WEIGHT CONCRETE
MET.	METAL
O.F.	OUTSIDE FACE
D.	PENNY (NAIL SIZE)
P	PLATE
PSF	POUND PER SQUARE FOOT
PSI	POUND PER SQUARE INCH
REINF.	REINFORCEMENT
REBAR	REINFORCEMENT BAR
SPEC.	SPECIFICATION
STL	STEEL
STR	STRUCTURAL
T&B	TOP AND BOTTOM

SURVEY

P.I.	POINT OF INTERSECTION
P.O.T.	POINT ON TANGENT
T.P.	TURNING POINT
I.P.	IRON PIPE
H&T	HUB & TACK
B.M.	BENCH MARK
T.B.M.	TEMPORARY BENCH MARK
ELEV.	ELEVATION
INV. ELEV.	INVERT ELEVATION
FL	FLOW LINE
M.D.	MEASURE DOWN
P.T.	POINT OF TANGENT
P.C.	POINT OF CURVE
V.C.	VERTICAL CURVE
M.O.	MID ORDINATE
STA.	STATION
X-ING	CROSSING
LT. AH.	LEFT AHEAD
LT.	LEFT
RT. AH.	RIGHT AHEAD
RT.	RIGHT
H.I.	HEIGHT OF INSTRUMENT
P.P.	POWER POLE
R/W OR R.O.W.	RIGHT OF WAY
OBLT.	OBLETEATE
UG. C.	UNDERGROUND CABLE
U.I.P.	USE IN PLACE
REM. & SALV.	REMOVE & SALVAGE
M.A.P.	METAL ARCH PIPE
C.M.P.	CORRUGATED METAL PIPE
V.C.P.	VITRIFIED CLAY PIPE
R.C.P.	REINFORCED CONCRETE PIPE
C.I.P.	CAST IRON PIPE
M.J.	MECHANICAL JOINT
D.J.	DROP INLET
F.M.	FORCE MAIN
F.B.	FLAT BOTTOM
S.L.	SLOPE LINE
BR	BRIDGE
D.A.	DRAINAGE AREA
WYE CONN.	WYE CONNECTION
TEE CONN.	TEE CONNECTION
M.I.S.	MISSOURI LAND SURVEY
M.S.L.	MEAN SEA LEVEL
U.S.G.S.	UNITED STATES GEOLOGICAL SURVEY
D	DEGREE OF CURVE
T	TANGENT
L	LENGTH
R	RADIUS
E	EXTERNAL
S.E.	SUPER ELEVATION

ELECTRICAL	
AC	ALTERNATING CURRENT W/SWITCH OR RECEPT.
AFF	ABOVE FINISHED FLOOR.
ALT	ALTERNATOR OR GEN. GENERATOR
AL	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INST.
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AMP	AMPERE(S)
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
CB	CIRCUIT BREAKER
CU	COPPER
OR	CONTROL RELAY
CT	CURRENT TRANSFORMER
DC	DIRECT CURRENT
DISC.	DISCONNECT
EG	EMERGENCY GENERATOR
EHH	ELECTRIC HANDHOLE
ELEC.	ELECTRICAL
EMH	ELECTRIC MANHOLE
ENCL.	ENCLOSURE
ETM	ELAPSED TIME METER
EMT	ELECTRICAL METALLIC TUBING
EXPO.	EXPOSURE
FLEX.	FLEXIBLE METALLIC CONDUIT
FS	FLOAT SWITCH
GRND.	GROUNDING
HID	HIGH INTENSITY DISCHARGE
HOA	HAND OFF AUTO
HPS	HIGH PRESSURE SODIUM
HOMEL	HORSEPOWER
HVAC	HEATING, VENTILATING, AIR CONDITIONING
HZ	HERTZ
IES	ILLUMINATING ENGINEERING SOCIETY
IMC	INTERMEDIATE (METALLIC) CONDUIT
INC	INCANDESCENT
IPCEA	INSULATED POWER CABLE ENGINEERS ASSOCIATION
JIC	JOINT INDUSTRIAL COUNCIL
JB	JUNCTION BOX
KVA	KILOVOLT AMPERES (TRANSFORMER SIZE)
LP	LIGHTING PANEL
LPP	LIGHTING & POWER PANEL
L1, L2	LINE (PHASE 1, 2 OR 3)
LTFX	LIQUID TIGHT FLEXIBLE CONDUIT
MCC	MOTOR CONTROL CENTER
MCM	THOUSAND CIRCULAR MILL
MCP	MOTOR CIRCUIT PROTECTOR
MDP	MAIN DISTRIBUTION PANEL
MS	MAIN SWITCH
MOV	MERCURY VAPOR
NV	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NECA	NATIONAL ELECTRICAL CONTRACTOR'S ASSOCIATION
NEMA	NATIONAL ELECTRICAL MANUFACTURING ASSOCIATION
N	NEUTRAL
NF	NONFUSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO	NORMALLY OPEN
OH	OVERHEAD
OL	OVERLOAD
PE	PHOTO ELECTRIC
O	PHASE
PL	PILOT LIGHT
PP	POWER PANEL
PS	PRESSURE SWITCH
PT	POTENTIAL TRANSFORMER
PV	POLYVINYLCHLORIDE (CONDUIT)
REV	REVISED OR REVISION
RECP.T	RECEPTACLE
RGS	RIGID GALVANIZED STEEL (CONDUIT)
S	SWITCH
TC	TIME CLOSED
TO	TIMED OPEN
TTB	TELEPHONE TERMINAL BOARD
TTG	TELEPHONE TERMINAL CABINET
XFMR	TRANSFORMER
UG	UNDERFLOOR
UL	UNDERGROUND
VAC	UNDERWRITER'S LABORATORIES, INC.
VDC	VOLTS ALTERNATING CURRENT
VM	VOLTS DIRECT CURRENT
WM	VOLTAGE MONITOR
WH	WEATHER HEAD

MISCELLANEOUS

A.B.S.	ACRYLONITRILE BUTADIENE STYRENE
AFT	ABOVE FINISHED FLOOR
CISP	CAST IRON SOIL PIPE
DWV	DRAINAGE, WASTE & VENT
EF	EXHAUST FAN
EM	EMERGENCY
EW	ELECTRICAL WATER COOLER
EXPR	EXPLOSION PROOF
FLG	FLANGE
FT	FOOTING TILE
MDP	MAIN DISTRIBUTION PANEL
N.C.	NEW CONNECTION
LVP	LOW VOLTAGE PANEL
HVP	HIGH VOLTAGE PANEL
MCC	MOTOR CONTROL CENTER
P.E.	PLANE END
P.O.I.	PUSH ON JOINT
PVC	POLYVINYLCHLORIDE
WP	WEATHERPROOF

TOPOGRAPHICAL FEATURES

— — — — —	EXISTING FENCE
— — — — —	PROPOSED FENCE
TOP TOE	RIGHT OF WAY, MARKER
	BUILDING
	TREE
	STUMP
	TREE LINE
	BUSH
	HEDGE
+++++	RAILROAD
=====	RETAINING WALL
	SIGN
	LIGHT POLE
	MAIL BOX
— — — — —	SIDEWALK

GAS

— G —	EXISTING GAS MAIN
— G —	PROPOSED GAS MAIN
	GAS METER
	GAS VALVE

TELEPHONE

— OHT —	OVERHEAD TELEPHONE LINE
— UT —	EXISTING UNDERGROUND TELEPHONE LINE
— UT —	PROPOSED UNDERGROUND TELEPHONE LINE
	EXISTING TELEPHONE POLE
	PROPOSED TELEPHONE POLE
	UNDERGROUND TELEPHONE MARKER
— CT —	CABLE TELEVISION
— FO —	FIBER OPTIC

ELECTRIC

— OE —	EXISTING OVERHEAD ELECTRIC LINE
— OE —	PROPOSED OVERHEAD ELECTRIC LINE
— UE —	EXISTING UNDERGROUND ELECTRIC LINE
— UE —	PROPOSED UNDERGROUND ELECTRIC LINE
	EXISTING POWER POLE (P.P.)
	EXISTING POWER POLE W/LIGHT
	PROPOSED POWER POLE
	PROPOSED POWER POLE W/LIGHT
	GUY WIRE

WATER COURSES AND IMPOUNDMENTS

— — — — —	DRAINAGE DITCH FLOW LINE (FL)
— FLOW —	CREEK OR RIVER
	POND OR LAKE
	EXISTING CULVERT
	PROPOSED CULVERT
	STORM SEWER
	DROP INLET
	PAVED DITCH

UTILITIES SANITARY SEWER

— S —	EXISTING SEWER MAIN
— S —	PROPOSED SEWER MAIN
	EXISTING MANHOLE
	PROPOSED MANHOLE
— FM —	FORCE MAIN
— ST —	SANITARY SEWER SERVICE

WATER

— W —	EXISTING WATER MAIN
— W —	PROPOSED WATER MAIN
	FIRE HYDRANT
	WATER METER
	WATER VALVE
— D —	DRAIN LINE
— CI —	CAST IRON PIPE
— C —	CHLORINE
— F —	FLORIDE
— NPW —	NON-POTABLE WATER
— PVC —	PVC LINE

LEGAL LIMITS

— — — — —	STATE LINE
— — — — —	COUNTY LINE
— — — — —	CITY LIMITS
— — — — —	TOWNSHIP LINE
— — — — —	SECTION LINE
— — — — —	QUARTER SECTION LINE
— R/W —	RIGHT-OF-WAY LINE
	LIMITED RIGHT-OF-WAY (LIMITED ACCESS)
— PL —	PROPERTY LINE
— — — — —	PERMANENT EASEMENT LINE
— — — — —	CONSTRUCTION EASEMENT LINE
0+00 2+50 5+00 7+50 10+00	SURVEY LINE
②	SUBDIVISION LOT LINE
②	SUBDIVISION LOT NUMBER

ROAD FEATURES

— — — — —	DIRT ROAD
— — — — —	GRAVEL ROAD
— — — — —	ASPHALT ROAD
— — — — —	CONCRETE ROAD
— — — — —	CURB AND/OR GUTTER
— — — — —	GUARD RAIL

SURVEY MARKER SYMBOLS

	RIGHT-OF-WAY MARKER
	TEST HOLE LOCATION
	STD. ALUM. MONUMENT (FOUND) (M.L.S.)
	STD. ALUM. MONUMENT (SET) (M.L.S.)
	IRON PIN (FOUND)
	IRON PIN (SET)
	RAILROAD SPIKE
	STONE
	HUB AND TACK
	CONCRETE MONUMENT (FOUND)
	CONCRETE MONUMENT (SET)
	CORNER POST

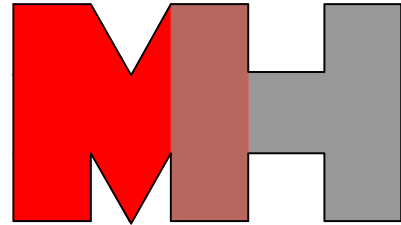
GENERAL NOTES

- STREET RIGHT OF WAY AND PROPERTY LINES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND, THEREFORE THEIR LOCATIONS SHOULD BE CONSIDERED APPROXIMATE AND ARE NOT INTENDED TO BE USED AS SURVEYED LINES.
- THE ENGINEER HAS SET SURVEY CONTROL POINTS WITH COORDINATES FOR CONSTRUCTION CONTROL. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO SO LEAVE THESE MARKERS UNDISTURBED.
- ALL ROCK EXCAVATION SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND THERE SHALL BE NO DIRECT PAYMENT FOR THIS WORK.

HAZARDOUS SUBSTANCE NOTES

- SUBSTANCES REGULATED BY FEDERAL LAW UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) OR THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) WHICH ARE TRANSPORTED, STORED OR USED FOR MAINTENANCE, CLEANING OR REPAIRS SHALL BE MANAGED ACCORDING TO THE PROVISIONS OF RCRA AND CERCLA.
- ALL PAINTS, SOLVENTS, PETROLEUM PRODUCTS AND PETROLEUM WASTE PRODUCTS (EXCEPT FUELS) AND STORAGE CONTAINERS (SUCH AS DRUMS, CANS OR CARTONS) SHALL BE STORED SUCH THAT THESE MATERIALS ARE NOT EXPOSED TO STORM WATER. SUFFICIENT PRACTICES OF SPILL PREVENTION, CONTROL AND/OR MANAGEMENT SHALL BE PROVIDED TO PREVENT ANY SPILLS OF THESE POLLUTANTS FROM ENTERING A WATER OF THE STATE. ANY CONTAINMENT SYSTEM USED TO IMPLEMENT THIS REQUIREMENT SHALL BE CONSTRUCTED OF MATERIALS COMPATIBLE WITH THE SUBSTANCES CONTAINED AND SHALL ALSO PREVENT THE CONTAMINATION OF GROUNDWATER.

MECO-HENEGHAN ENGINEERS, LLC



www.meco-heneghan.com

DESIGN FIRM NUMBERS:
IL: 164.007845-0010
035.003949
EXPIRES: APRIL 30, 2027
MO: 2018004041
EXPIRES: DECEMBER 31, 2027

□ 400 N. FIFTH STREET
SUITE 107
ST. CHARLES, MO 63301
P: (636) 395-7055

REVISIONS		DATE		NO.	

PHASE 1B

CONTRACT "A" - PHASE "1B"
TYPICAL WELL PLATFORM
ELECTRICAL PLAN / EQUIPMENT
INFORMATION DETAILS

ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

DRAWN BY: B. FOHEY
CHECKED BY: K. GARNETT
APPROVED BY: M. MIDDENDORF
HORIZONTAL SCALE:

NO SCALE

VERTICAL SCALE:

N/A

PROJECT NO.

700-003

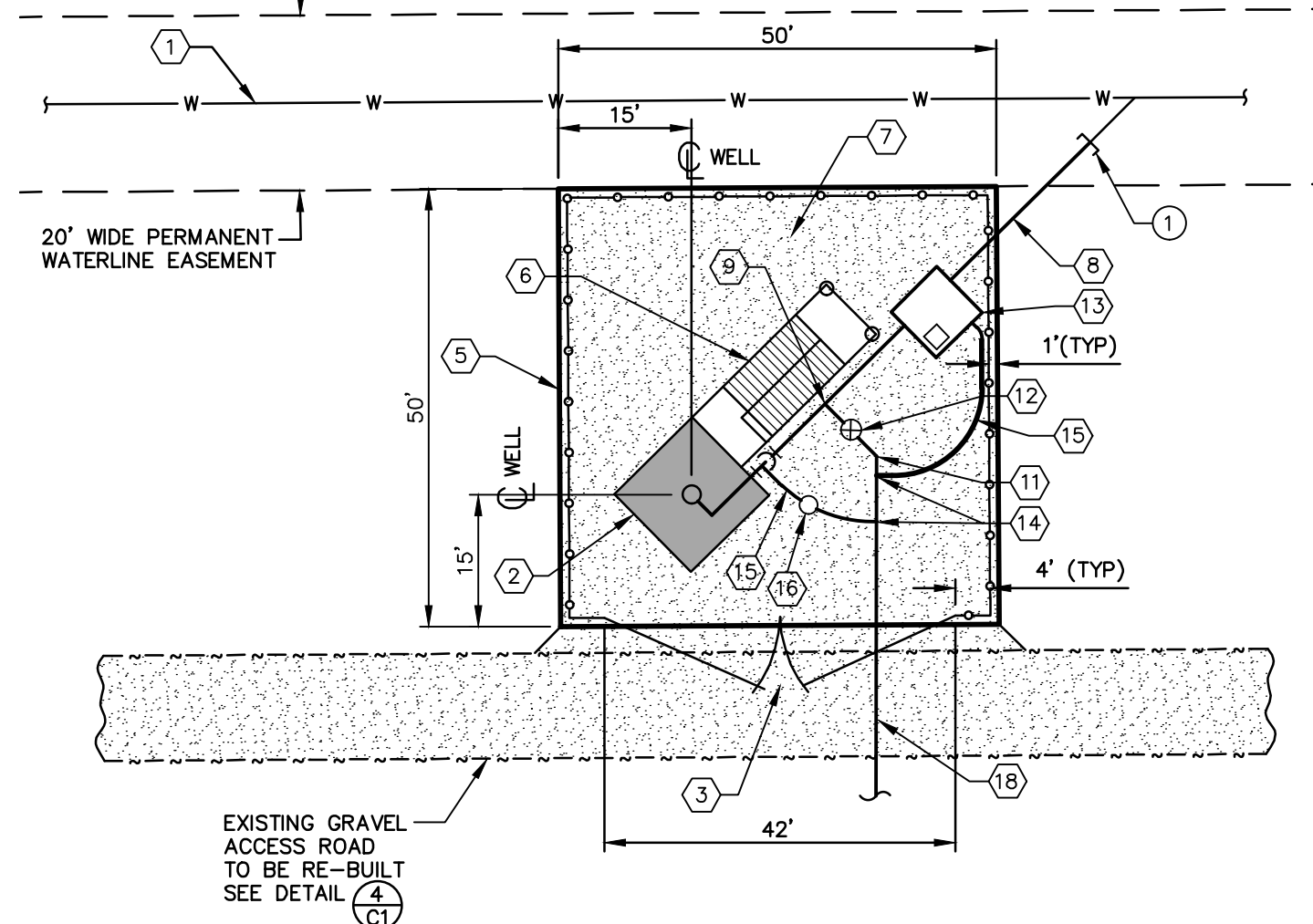
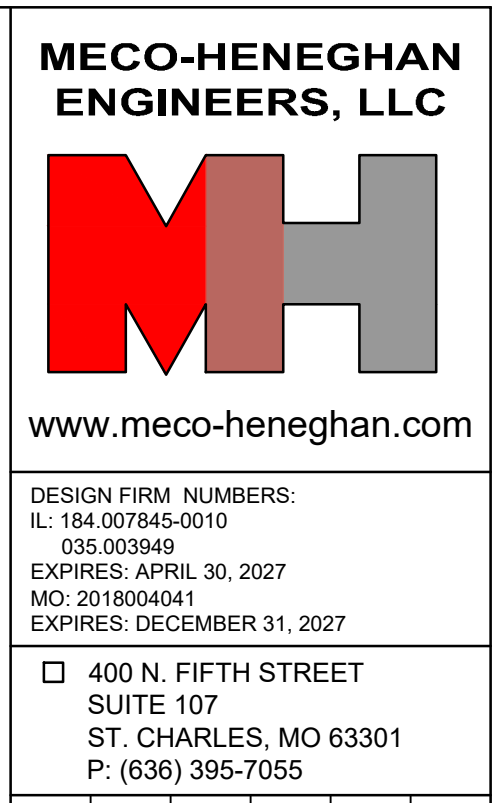
DATE:

09/04/26

SHEET NO.

G2

2 OF 13 SHEETS



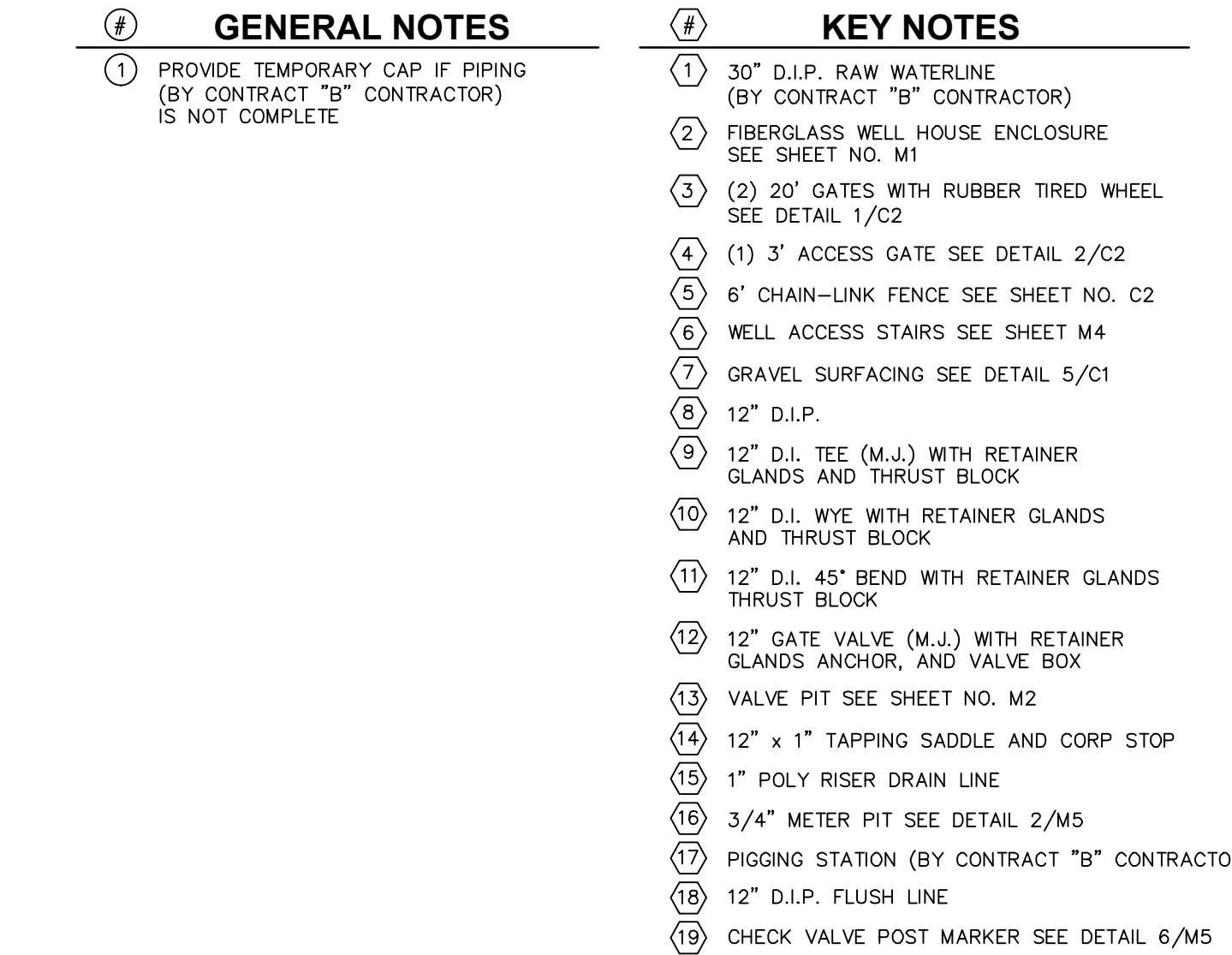
PHASE 1 - NOT IN THIS CONTRACT

TYPICAL WELL SITE PLAN
FOR WELLS #4 AND #5

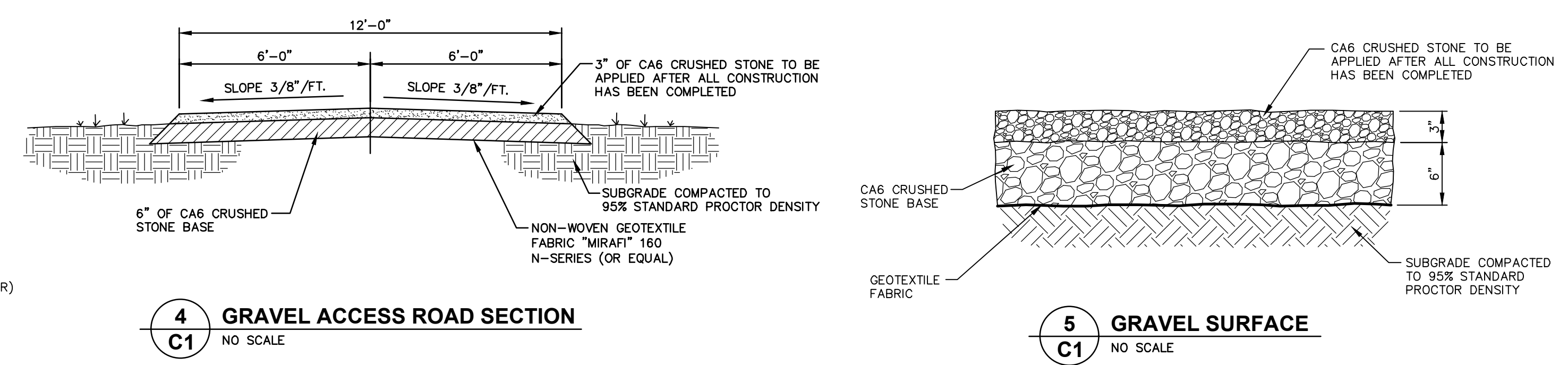
WELL #4 WELL #5

3
C1

SCALE: 1" = 20'



**TYPICAL WELL SITE PLAN
FOR WELL #1**
SCALE: 1" = 20'

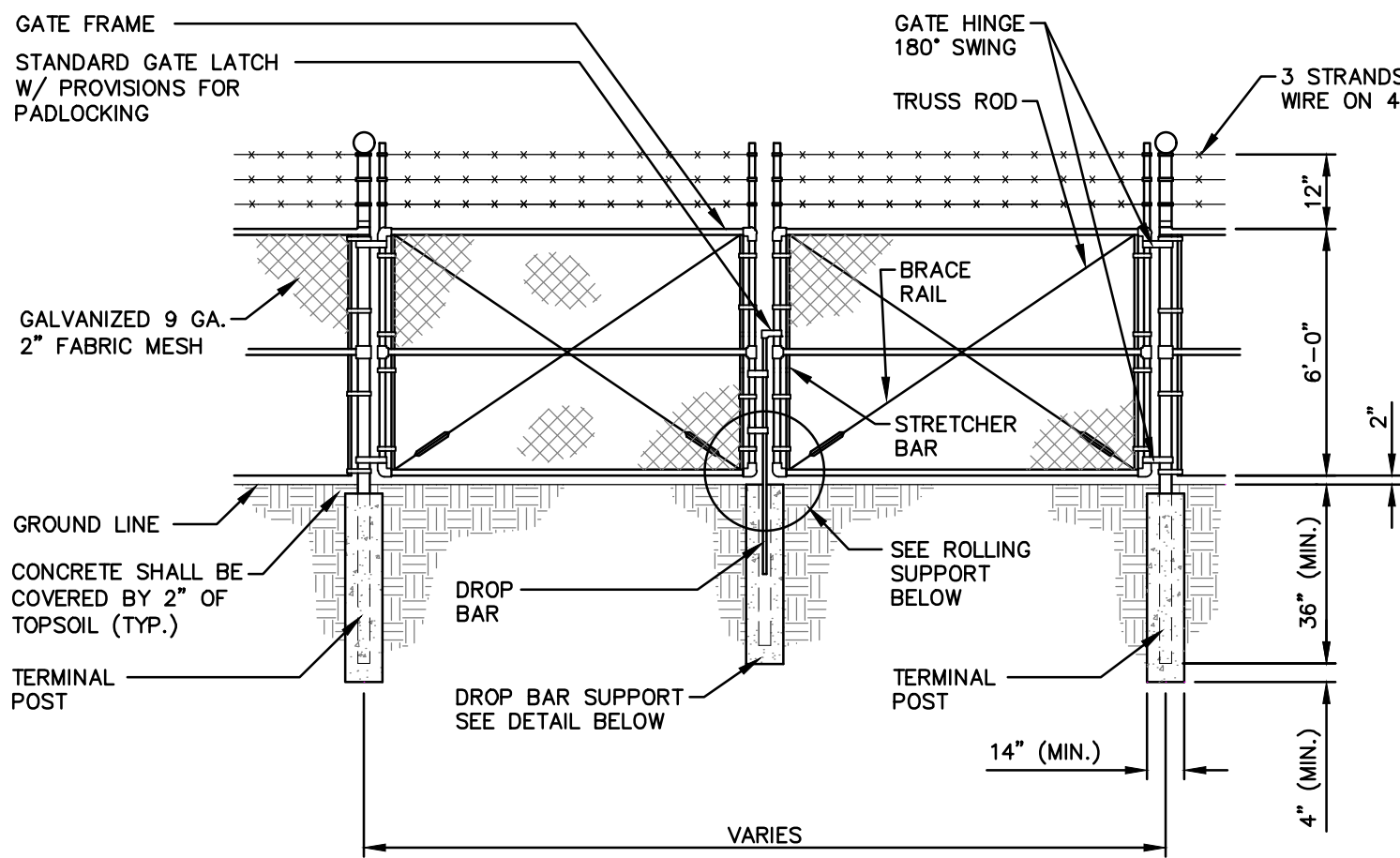


CONTRACT "A" - PHASE "1B"
WATER SUPPLY WELLS SITE PLAN
/ TYPICAL FENCE LAYOUT AND
GRAVEL ACCESS ROAD DETAIL

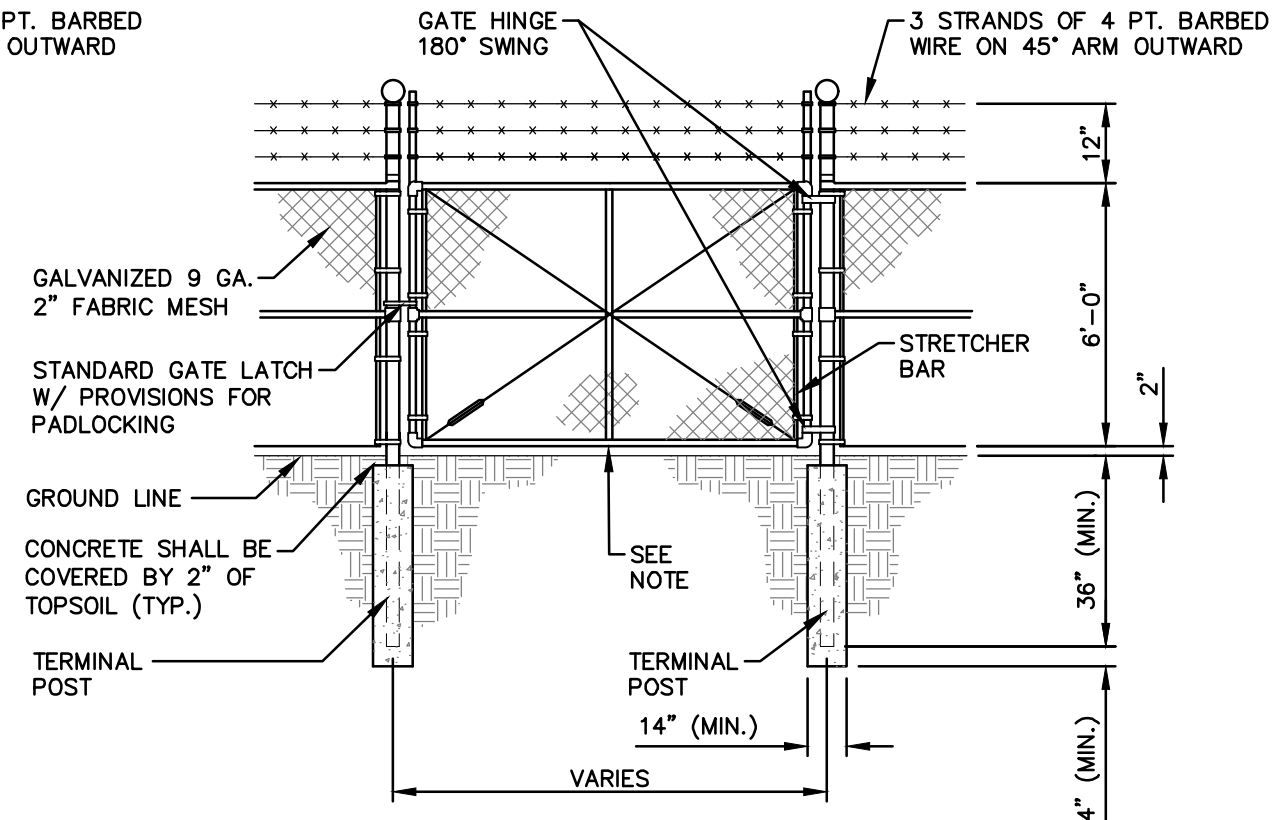
DRAWN BY: B. FOHEY	
CHECKED BY: K. GARNETT	
APPROVED BY: M. MIDDENDORF	
HORIZONTAL SCALE:	
AS SHOWN	
VERTICAL SCALE:	
N/A	
PROJECT NO.	
700-003	
DATE:	
09/04/26	
SHEET NO.	
C1	
3 OF 13 SHEETS	

PATH=i:\projects\700\700 illinois alluvial regional water company\003 iarwc basic services\contract a - phase 2 - water supply wells\700003 c1 well site plan.dwg
PLOTTED: 9/4/2026 @ 9:11:23 AM BY richard hayes

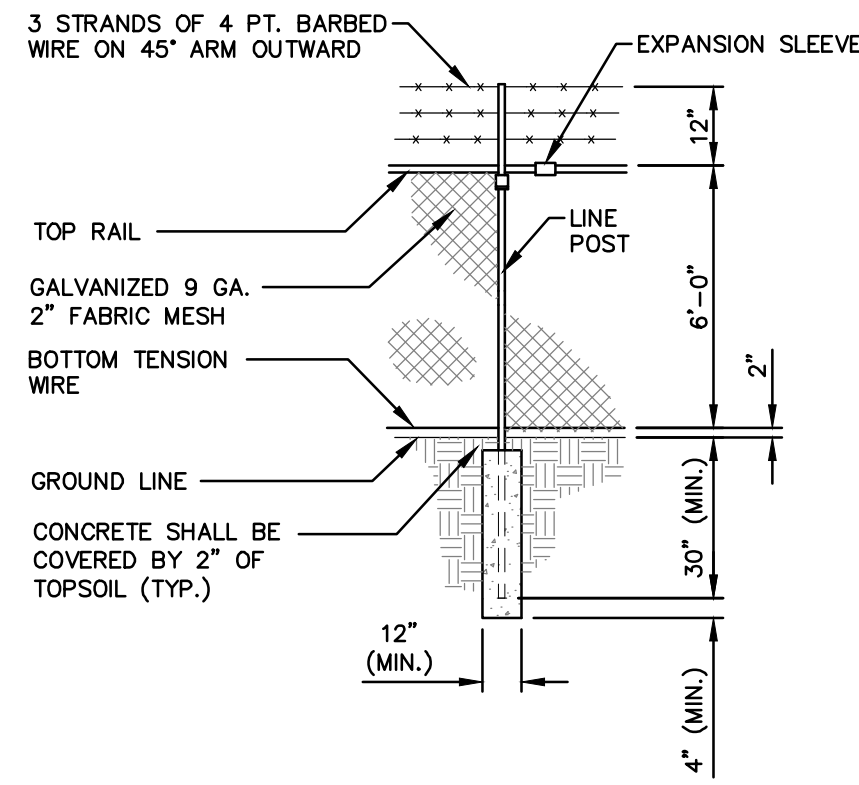
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PLOTED: 9/4/2026 @ 9:11:28 AM BY richard hoyes



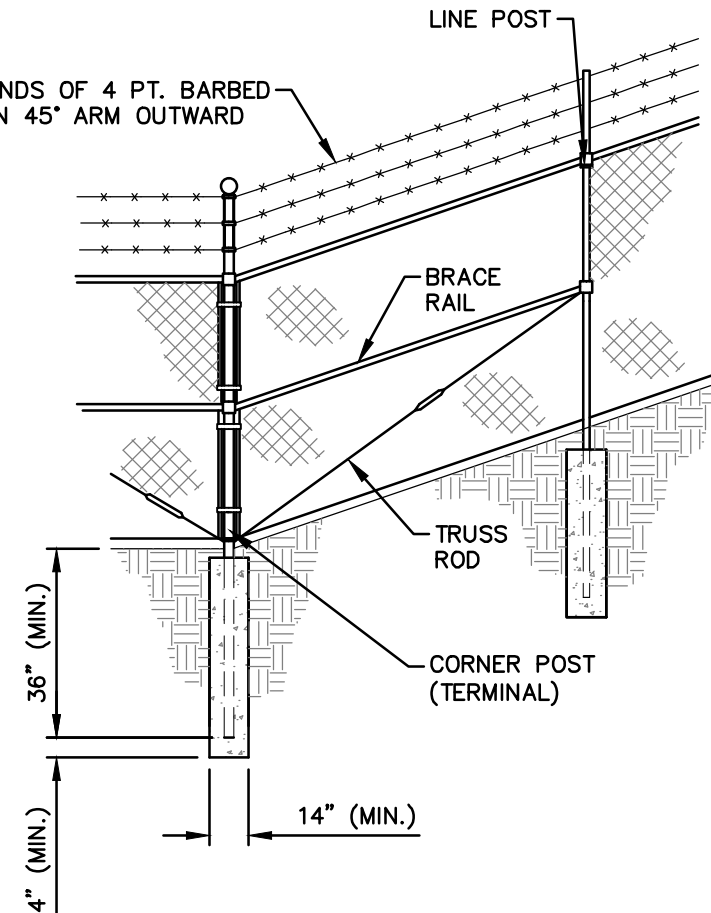
1 DOUBLE SWING GATE DETAIL
C2 NO SCALE



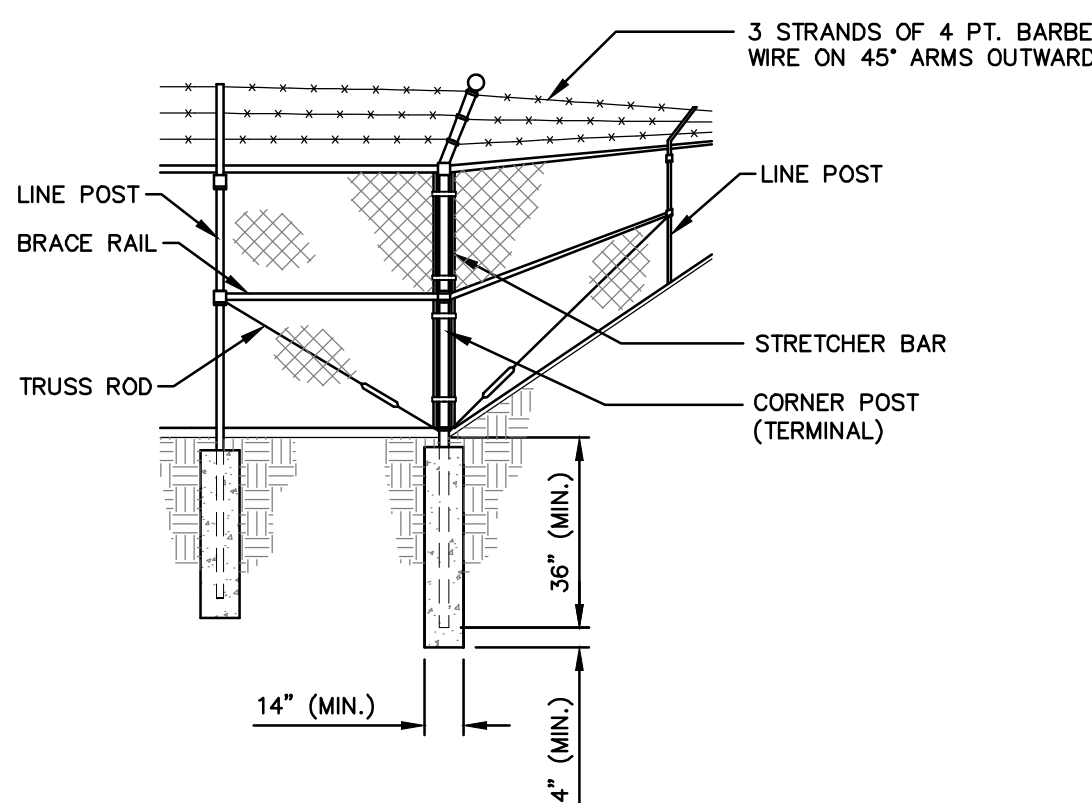
2 SINGLE SWING GATE DETAIL
C2 NO SCALE



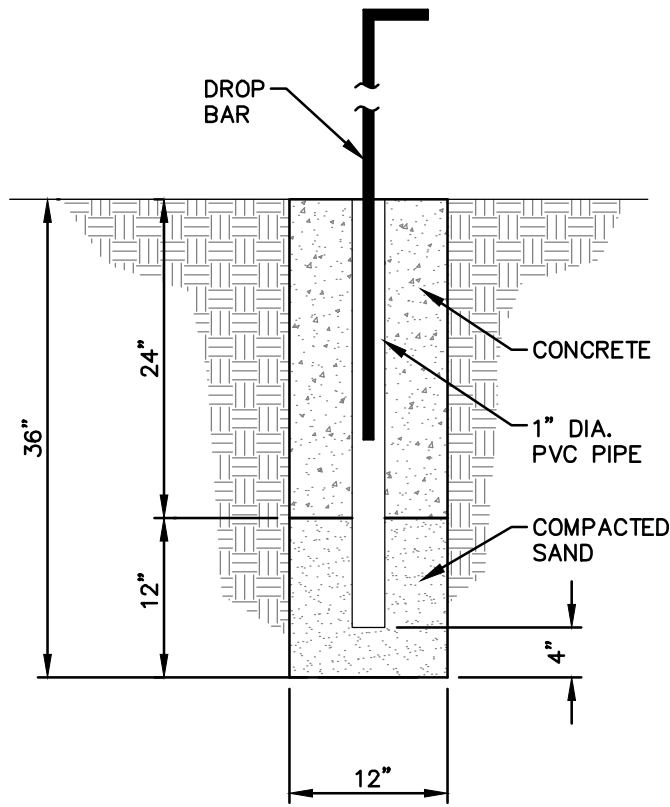
3 LINE POST
C2 NO SCALE



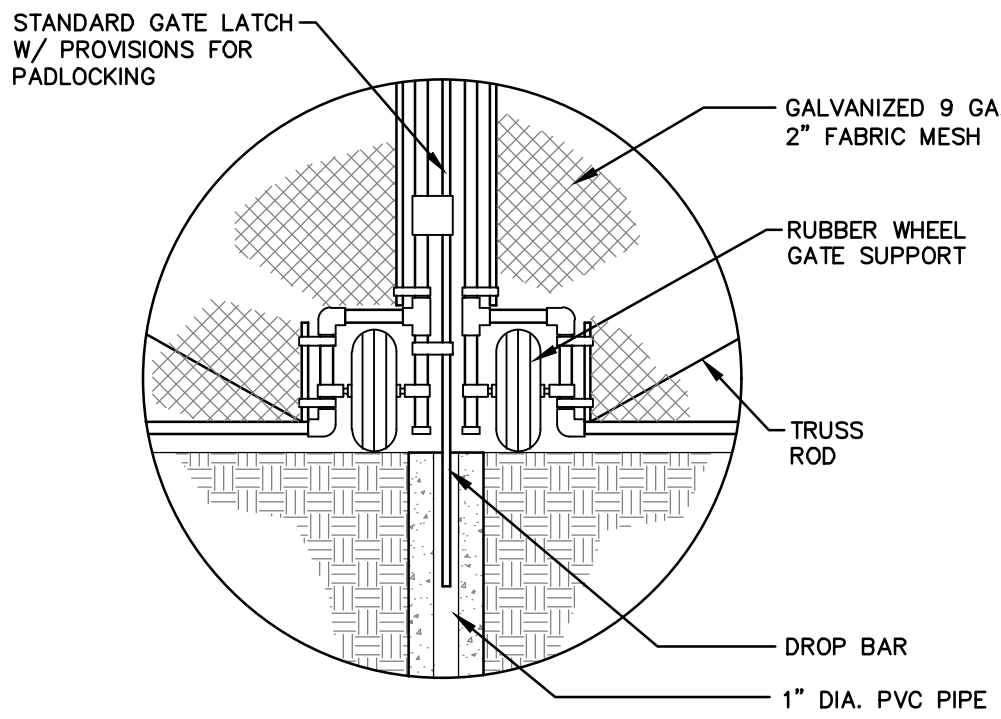
4 INSTALLATION ON SLOPES
C2 NO SCALE



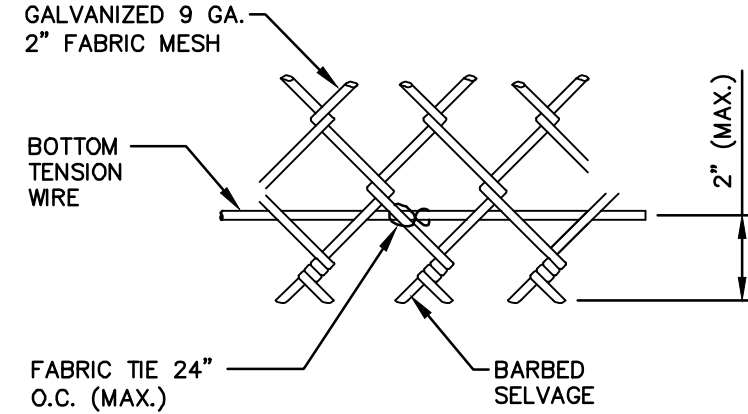
5 CORNER / TERMINAL / PULL SECTION
C2 NO SCALE



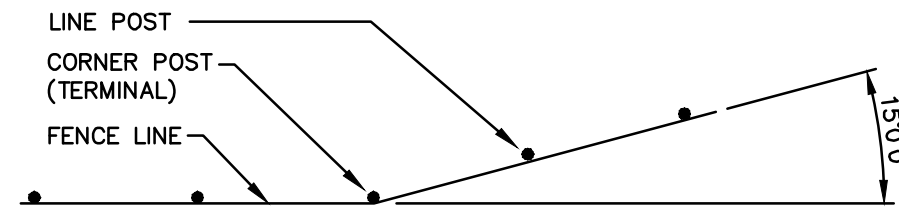
6 DROP BAR SUPPORT
C2 NO SCALE



7 ROLLING SUPPORT
C2 NO SCALE

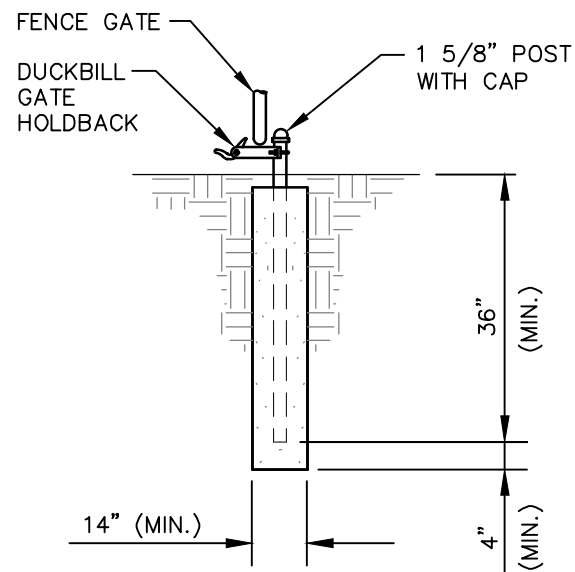


8 FABRIC TIE TO BOTTOM TENSION WIRE
C2 NO SCALE

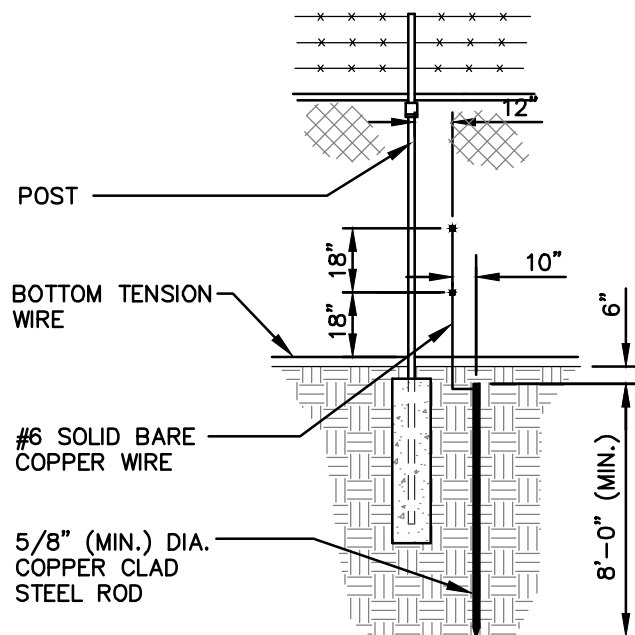


WHERE FENCE LINE HAS A CHANGE IN DIRECTION OF 15 DEGREES OR MORE, BUT NOT AT INTERVALS GREATER THAN 660'. A PULL OR TERMINAL POST SHALL BE PLACED AS SHOWN ABOVE. WHERE ANGLE IS LESS THAN 15 DEGREES AND EXISTING CONDITIONS REQUIRE TERMINAL POST, THEY SHALL BE PLACED AS DIRECTED BY THE ENGINEER.

9 CORNER / TERMINAL / PULL PLAN
C2 NO SCALE



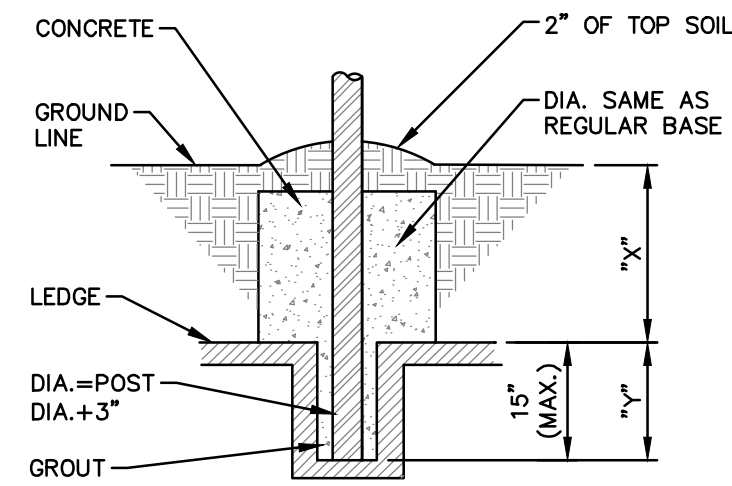
10 DUCKBILL GATE HOLDBACK
C2



11 GROUNDING
C2 NO SCALE

NOTES:

1. CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 100 FEET IN URBAN AREAS AND 500 FEET IN RURAL AREAS. EXCEPT THERE SHALL BE A GROUND NOT EXCEEDING 100 FEET FROM A GATE IN EACH SECTION OF THE FENCE ADJACENT TO GATE.
2. FENCE UNDER A POWER LINE SHALL BE GROUNDED BY THREE GROUNDS, ONE DIRECTLY UNDER THE CROSSING AND ONE ON EACH SIDE, 25 TO 50 FEET AWAY. A SINGLE GROUND SHALL BE LOCATED DIRECTLY UNDER EACH TELEPHONE WIRE OR CABLE CROSSING.
3. THE COUNTERPOISE GROUND SHALL BE USED ONLY WHERE IT IS IMPOSSIBLE TO DRIVE A GROUND ROD BECAUSE OF AN IMPERVIOUS EARTH STRUCTURE.
4. THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC AND THE GROUND ROD BY A MECHANICAL CLAMP OF CAST BRONZE BODY AND BRONZE OR STAINLESS STEEL BOLTS AND WASHERS. WHEN A TENSION WIRE IS REQUIRED, THE BOTTOM CONNECTION OF THE GROUND WIRE SHALL BE MADE TO THE TENSION WIRE.



"X" + "Y" SHALL NOT EXCEED 30"(INTERMEDIATE POST) OR 36"(CORNER POST). WHEN "X" IS LESS THAN 15" OR 21", THAN "Y"=15", AND THE POST SHALL BE SHORTENED AS REQUIRED. WHEN "X" EXCEEDS 15" OR 21", "Y" SHALL BE DECREASED CORRESPONDINGLY

12 BASE FOR ROCK LEDGE ENCOUNTER
C2 NO SCALE

FRAME WORK CHART						
FABRIC HEIGHT	LINE POST 8" SPACING	WEIGHT LB/FT.	TOP / BOTTOM RAIL	WEIGHT LB/FT.	END POST CORNER POST	WEIGHT LB/FT.
4' TO 6'	2" OD	2.72	1 5/8" OD	2.27	2 1/2" OD	3.65
	2" SQ.	1.71	1 1/4" x 1 1/4" C	1.25	2 1/2" SQ.	2.72
7' TO 9'	2 1/2" OD	3.65	1 5/8" OD	2.27	3" OD	5.79
	2 1/2" SQ.	2.72	1 1/4" x 1 1/4" C	1.25	3" SQ.	4.75
10' TO 12'	3" OD	5.79	2" OD	2.72	4" OD	9.11
	3" SQ.	4.75	1 1/2" SQ.	1.26	4" SQ.	6.46
OVER 12'	4" OD	9.11	2" OD	2.72	4" OD	9.11
	4" SQ.	6.46	1 1/2" SQ.	1.26	6" SQ.	23.00

GATE POST SIZE		
GATE LEAF SIZE	POST SIZE	WEIGHT LB/FT.
6' OR LESS	3" OD	5.79
	3" SQ.	4.75
6' TO 12'	3" OD	5.79
	3" SQ.	4.75
12' TO 20'	4" OD	9.11
	4" SQ.	9.11
20' TO 24'	6 5/8" OD	18.97
	4" SQ.	9.11
OVER 24'	8 5/8" OD	28.55
	6" SQ.	23.00

13 FRAME WORK / GATE POST CHARTS
C2 NO SCALE

REVISIONS

DATE

NO.

PHASE 1B

CONTRACT "A" - PHASE "1B"
CHAIN-LINK FENCE DETAILS

ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

DRAWN BY: B. FOHEY
CHECKED BY: K. GARNETT
APPROVED BY: M. MIDDENDORF
HORIZONTAL SCALE:

NO SCALE

VERTICAL SCALE:

N/A

PROJECT NO.

700-003

DATE:

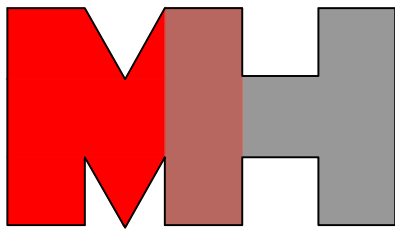
09/04/26

SHEET NO.

C2

4 OF 13 SHEETS

PATH=\\projects\700\700 illinois alluvial regional water company\003 larwc basic services\contract a - phase 2 - water supply wells\700003 m1 well plan.dwg
PLOTED: 9/4/2026 @ 9:11:53 AM BY richard.hayes



DESIGN FIRM NUMBERS:
IL: 164.007845-0010
035.003949
EXPIRES: APRIL 30, 2027
MO: 2018004041
EXPIRES: DECEMBER 31, 2027

400 N. FIFTH STREET
SUITE 107
ST. CHARLES, MO 63301
P: (636) 395-7055

REVISIONS

DATE

NO.

PHASE 1B

CONTRACT "A" - PHASE "1B"
TYPICAL WELL PLATFORM
ELECTRICAL PLAN / EQUIPMENT
INFORMATION DETAILS

ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

DRAWN BY: R. HAYES
CHECKED BY: K. GARNETT
APPROVED BY: M. MIDDENDORF
HORIZONTAL SCALE:

3/8" = 1'-0"

VERTICAL SCALE:
N/A

PROJECT NO.
700-003

DATE:
09/04/26

SHEET NO.
M1

5 OF 13 SHEETS

KEY NOTES

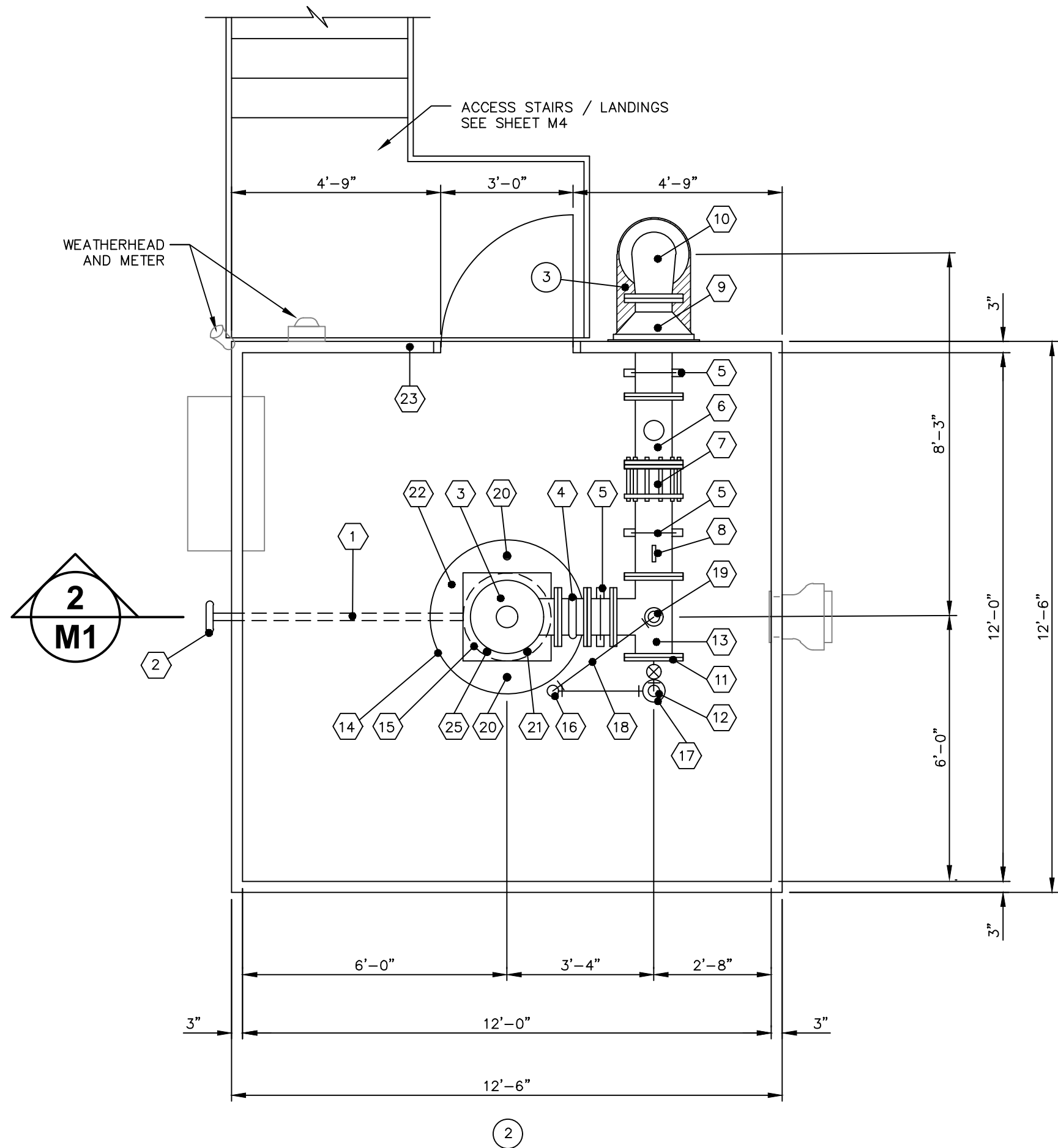
- 2" STN. STL. VENT PIPE
- COVER OPENINGS WITH 18 MESH CORROSION RESISTANT SCREEN
- WELL PUMP AND MOTOR
- "MERCER" SERIES 501 (OR EQUAL) SIZE 10" FLEXIBLE CONNECTOR
- ADJUSTABLE PIPE SUPPORT STAND
- "McCROMETER" UM08 (OR EQUAL) SIZE 10" ULTRA MAG METER (FLG. x FLG.)
- 10" FLANGED COUPLING ADAPTER
- PRESSURE GAUGE WITH 1/4" ISOLATION VALVE
- "DYNA-FLASH" NO. 9 (OR EQUAL) EPDM PIPE FLASHING
- 12"x10" RED, 90° BEND (FLG. x FLG.)
- 10"x3/4" RED. FLANGE
- 3/4" SMOOTH NOSE SAMPLING COCK
- 10"x10"x10" TEE (FLG. x FLG. x FLG.)
- 42" DIA. OUTER STEEL CASING
- 24" DIA. INNER STEEL CASING
- 3" SCH 80 PVC DRAIN PIPE
- PVC FUNNEL RECEPTOR
- 2" SCH 80 PVC AIR RELEASE VALVE DRAIN / VENT
- "APCO" MODEL 200 (OR EQUAL) SIZE 2" VACUUM AND AIR RELEASE VALVE WITH ISOLATION VALVE
- 2" SCH 80 PVC CHEMICAL INJECTION PIPE
- 21" SCH 80 PVC STILLING WELL PIPE FOR LEVEL TRANSMITTER
- 22.40 1/2" DIA. STEEL PUMP MOUNTING PLATE - THICKNESS PER PUMP MFG. RECOMMENDATIONS
- "PANEL-BUILT" (OR EQUAL) PRE-ENGINEERED FIBERGLASS BUILDING ENCLOSURE
- 48"x48" ALUM. "BILCO" TYPE F-40 (OR EQUAL) ROOF SCUTTLE WITH STN. STL. PADLOCK HASP
- 25" SCH. 80 PVC STILLING WELL PIPE FOR MANUAL AIR DRAWDOWN GAUGE

GENERAL NOTES

- REFER TO THE WELL PLAN FOR PIPING AND EQUIPMENT ORIENTATIONS.
- REFER TO SHEET C1 FOR WELL PLATFORM ORIENTATION WITH EACH SITE.
- ALL EXTERIOR PIPING SHALL BE WRAPPED WITH HEAT TRACER WIRE INSULATED WITH 4" OF "KNAUF" FIBERGLASS PIPE INSULATION (OR EQUAL) COMPLYING WITH ASTM C 585 AND 3/16" THICK "PRABCO SUREFIT" (OR EQUAL) OUTER ALUMINUM JACKET WITH 2.5 MIL POLY SURLYN MOISTURE BARRIER TO 48" BELOW GROUND.
- ALL DUCTILE IRON PIPE SHALL BE CLASS 250 FLANGED CONNECTIONS ABOVE GROUND AND MECHANICAL JOINT WITH RETAINER GLANDS BURIED BELOW GROUND.

	PHASE 2 WELL 1	PHASE 2 WELL 2	PHASE 2 WELL 3	PHASE 1 WELL 4	PHASE 1 WELL 5
TOP OF CASING	445.27	445.24	445.24	445.24	445.24
TOP OF STEEL	443.74	443.74	443.74	443.74	443.74
FINISHED GRADE	417.80	416.40	416.40	419.00	422.50
EXISTING GRADE	416.80	415.40	415.40	418.00	421.50
TOP OF SCREEN	363.80	361.90	363.40	363.00	366.50
TOP OF BEDROCK	316.80	312.40	313.23	313.00	316.50

(1993) BASE FLOOD EL. 441.74



1
M1

WELL PLAN

SCALE: 3/8" = 1'-0"

TOP CASING
SEE CHART
TOP STEEL
SEE CHART

WELL 1 (PHASE 2) = 28'-5 1/4"
WELL 2 (PHASE 2) = 29'-10 1/8"
WELL 3 (PHASE 2) = 29'-10 1/8"
WELL 4 (PHASE 1) = 27'-2 7/8"
WELL 5 (PHASE 1) = 23'-8 7/8"

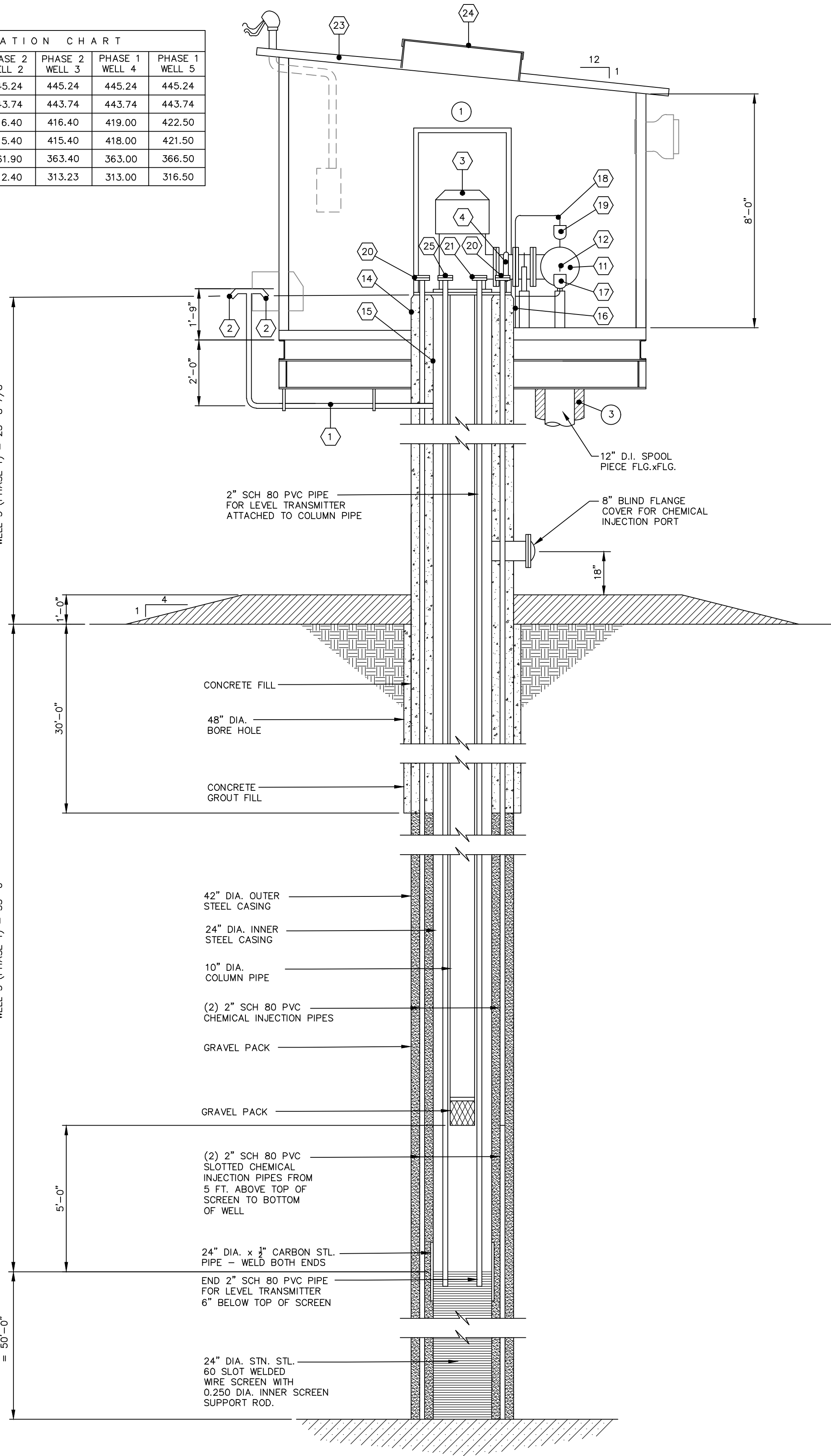
FINISHED GRADE
SEE CHART
EXISTING GRADE
SEE CHART

WELL 1 (PHASE 2) = 53'-0"
WELL 2 (PHASE 2) = 53'-6"
WELL 3 (PHASE 2) = 53'-0"
WELL 4 (PHASE 1) = 52'-0"
WELL 5 (PHASE 1) = 55'-0"

TOP SCREEN
SEE CHART

WELL 1 (PHASE 2) = 47'-0"
WELL 2 (PHASE 2) = 49'-6"
WELL 3 (PHASE 2) = 50'-2"
WELL 4 (PHASE 1) = 50'-0"
WELL 5 (PHASE 1) = 50'-0"

TOP BEDROCK
SEE CHART

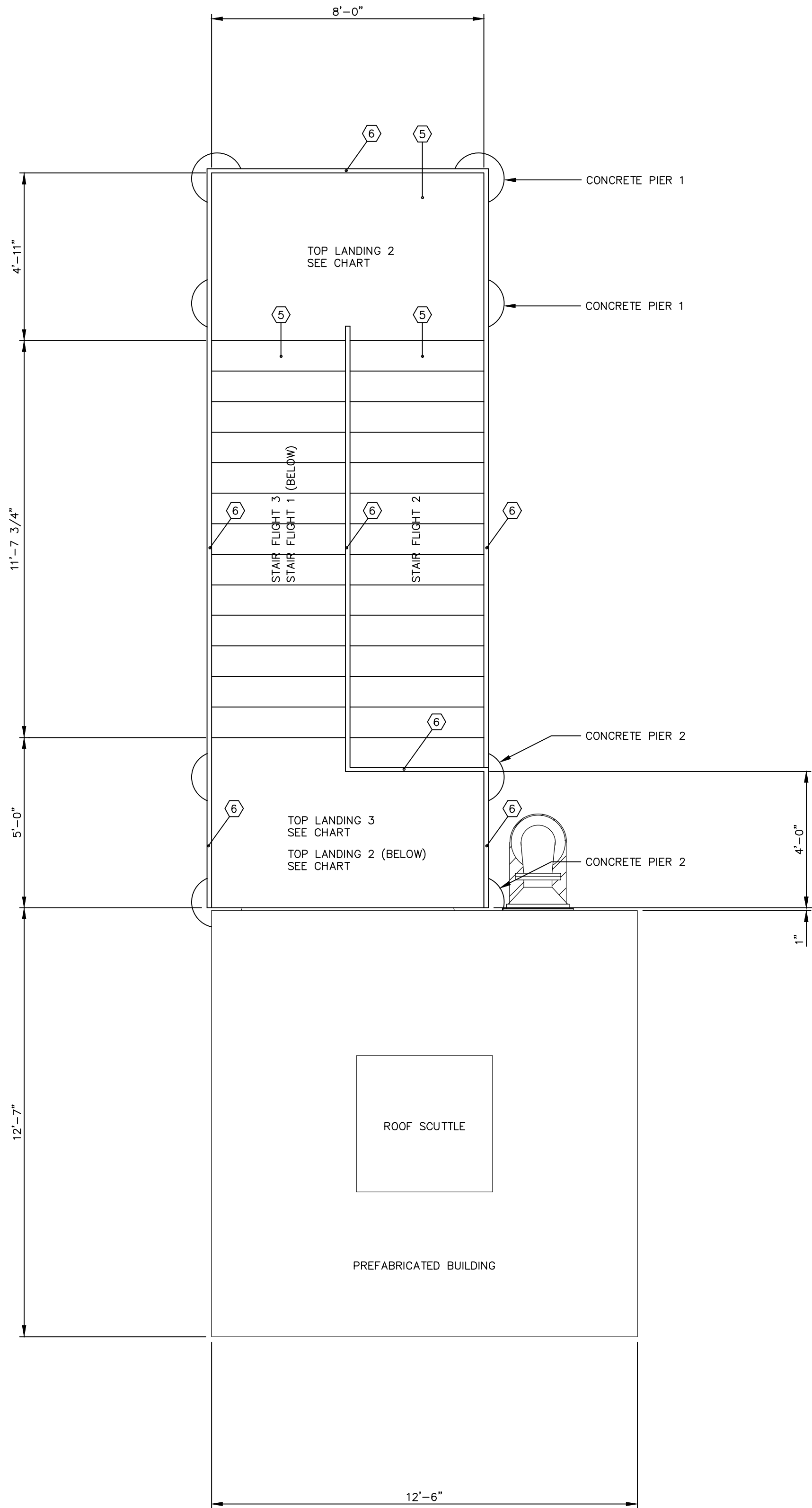


2
M1

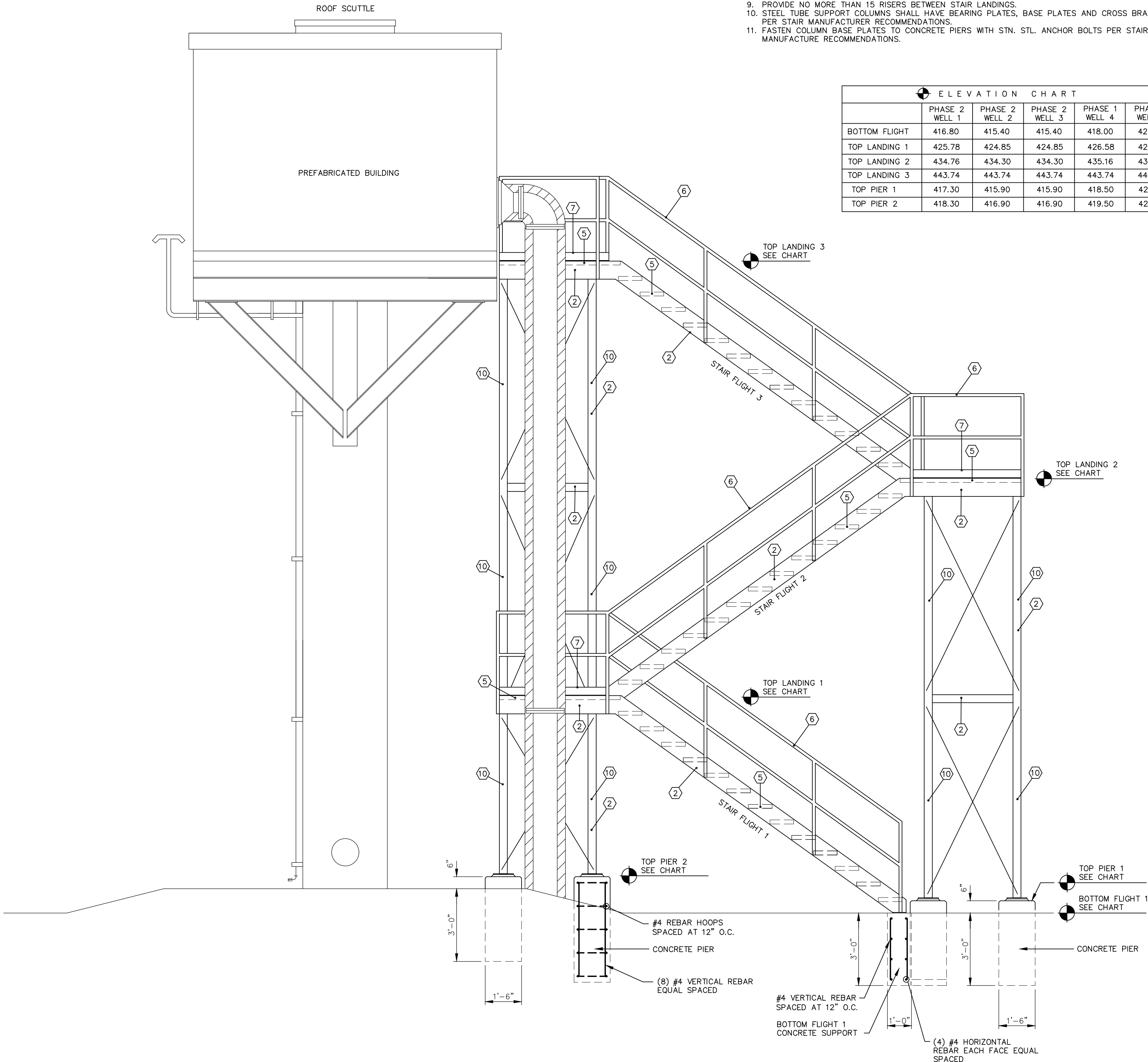
WELL SECTION

SCALE: 3/8" = 1'-0"

PATH=\\i:\projects\700\700 illinois alluvial regional water company\003 larwc basic services\contract a - phase 2 - water supply wells\700003 m4 well stairs.dwg
PLOTTED: 9/14/2026 @ 9:12:03 AM BY richard.hoyes



1
M4
STAIR PLAN
SCALE: 3/8" = 1'-0"

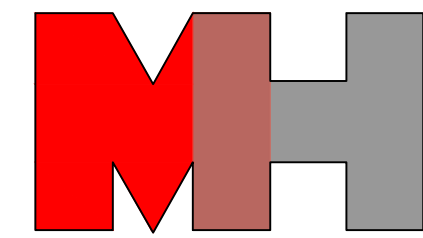


2
M4
ELEVATION
SCALE: 3/8" = 1'-0"

STAIRS / LANDINGS KEY NOTES

1. DESIGN LIVE LOADS: 100 LBS./SQ. FT. UNIFORM AND 300 LBS CONCENTRATED FOR ALL STAIRS AND LANDINGS SHOWN.
2. ALL STRUCTURAL STEEL SHALL BE HOT DIPPED GALVANIZED AND SHALL CONFORM TO ASTM A 36.
3. ALL BOLTS SHALL BE GALVANIZED AND CONFORM TO ASTM A141.
4. ALL WELDED CONNECTIONS SHALL CONFORM TO AWS STANDARDS.
5. ALL STEEL STAIR TREADS AND LANDINGS SHALL BE GALVANIZED SIZE 2" THICK x 11 3/4" WIDE.
6. ALL 1 1/2" DIA. STEEL HANDRAILS SHALL BE GALVANIZED AND MAX. 5'-0" RAIL LENGTH BETWEEN POST.
7. 4" x 3/16" STEEL TOEBOARDS SHALL BE GALVANIZED.
8. STAIR DETAILS AND ILLUSTRATIONS SHOWN SHALL NOT BE SCALED.
9. PROVIDE NO MORE THAN 15 RISERS BETWEEN STAIR LANDINGS.
10. STEEL TUBE SUPPORT COLUMNS SHALL HAVE BEARING PLATES, BASE PLATES AND CROSS BRACING AS PER STAIR MANUFACTURER RECOMMENDATIONS.
11. FASTEN COLUMN BASE PLATES TO CONCRETE PIERS WITH STN. STL. ANCHOR BOLTS PER STAIR MANUFACTURE RECOMMENDATIONS.

	PHASE 2 WELL 1	PHASE 2 WELL 2	PHASE 2 WELL 3	PHASE 1 WELL 4	PHASE 1 WELL 5
BOTTOM FLIGHT	416.80	415.40	415.40	418.00	421.50
TOP LANDING 1	425.78	424.85	424.85	426.58	428.91
TOP LANDING 2	434.76	434.30	434.30	435.16	436.32
TOP LANDING 3	443.74	443.74	443.74	443.74	443.74
TOP PIER 1	417.30	415.90	415.90	418.50	422.00
TOP PIER 2	418.30	416.90	416.90	419.50	423.00



REVISIONS	DATE	NO.

PHASE 1B

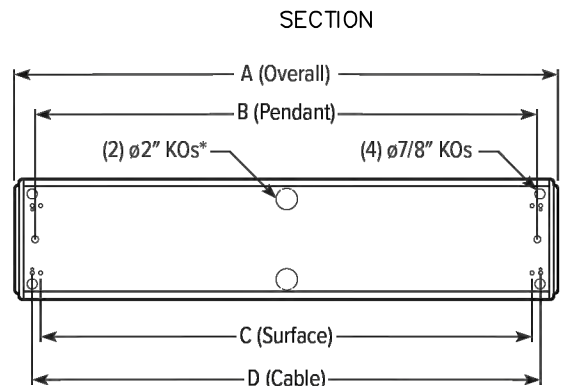
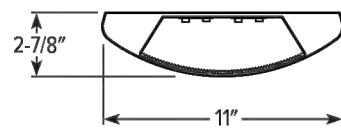
CONTRACT "A" - PHASE "1B"
TYPICAL WELL PLATFORM
ELECTRICAL PLAN / EQUIPMENT
INFORMATION DETAILS

ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

PATH::\\projects\700\700 illinois alluvial regional water company\003 larwc basic services\contract a - phase 2 - water supply wells\700003 e1 electrical details.dwg
PLOTJOB: 9/11/2026 @ 9:11:39 AM BY richard hayes

SPECIFICATIONS

- HOUSING – Marine grade aluminum. Extruded housing with die-cast end caps.
- SHIELDING – UV stabilized polycarbonate lens, .950" thick with .040"matte white acrylic underlay to minimize pixelation.
- REFLECTIVE SURFACES – 92% minimum average reflective white powder coat on interior components.
- FINISH – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED board. Rated for 50,000 hours at 70% lumen maintenance (L70). Listed for 25°C ambient operating temperature.
- MOUNTING – Surface (ceiling or wall) or suspended (hanging hardware required).
- LISTINGS –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - Suitable for wet location under covered ceiling when specified with WET/CC option.
- WARRANTY – 5-year limited warranty, see [new.com/warranty](#).



BACK VIEW

SERIES	LENGTH	LUMENS	CRI	CCT	SHIELDING	OPTIONS	VOLTAGE
AVX	4'	L100	8	40	WFC	WET/CC	120

LIGHT INFORMATION

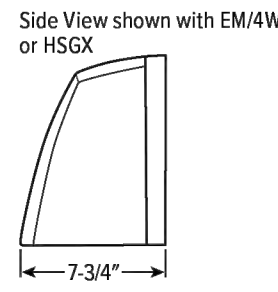
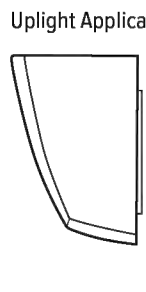
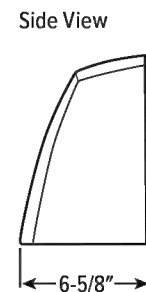
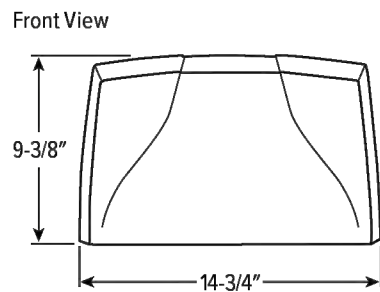
"WILLIAMS" AVX LED ARCHITECTURAL VANDAL WRAP (OR EQUAL)

LIGHT FIXTURE NO. 2

SPECIFICATIONS

- HOUSING – Die-cast aluminum enclosure.
- THERMAL MANAGEMENT – Integral die-cast aluminum heatsink and LED assembly provide passive thermal management. Rated -30°C to 40°C ambient operating temperature (-20°C to 40°C with EM10WC; 0°C to 39°C with EM4W).
- OPTICAL SYSTEM – Precision, injection-molded, refractive acrylic lensing produces standard IES distributions.
- LED ASSEMBLY – ANSI 3000K, 4000K, or 5000K CCT, minimum 70 CRI LEDs.
- LED DRIVER – 0-10V dimming.
- ELECTRICAL – 120-277, 347, and 480 VAC input range; 50-60Hz; power factor >.90; THD <20% at full load. FCC Class A compliant. 10kA/10kV surge protection standard. Quick-disconnect wiring provided. L70 >50,000 hours per IES TM-21.
- FINISH – Super durable polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. Meets and exceeds AAMA 2604 specifications for outdoor durability.
- MOUNTING – Surface mounts directly over a 4" maximum outlet box. Must be anchored to adequate structure that can safely support fixture weight (VWPH = 15 lbs, VWPV = 23 lbs).
- LISTINGS –
 - cCSAus certified as luminaire suitable for wet locations.
 - IDA Dark-Sky approved (downlight applications only).
 - RoHS compliant.
 - IP65 rated.
 - Title 24 compliant with OCONSPSP-2014, option.
- WARRANTY – 5-year limited warranty, see [new.com/warranty](#).

VWPV
Weight: 23 lbs



SERIES	TYPE	LUMENS	CRI	CCT	DISTRIBUTION	FINISH	SHIELDING	VOLTAGE
VWP	V	L60	7	40	T3	DBZ	CGL	120

LIGHT INFORMATION

"WILLIAMS" VWP LED VOLTARE ARCHITECTURAL WALL PACK (OR EQUAL)

LIGHT FIXTURE NO. 1

PTAC UNIT SCHEDULE

MARK	VOLTAGE	PHASE	AMPS	MODEL NO.	MANUFACTURER	ELECTRIC HEATER KW	CONDENSATE DRAIN	GRILLE	WALL SLEEVE	THERMOSTAT	APPROXIMATE WEIGHT
PTAC	230/208	1	20	PDE12K35SF	FRIEDRICH (OR EQUAL)	3.0	EXTERNAL	STAMPED ALUM.	POWER COATED	WALL MOUNTED	115

DIRECT DRIVE CENTRIFUGAL WALL EXHAUST FAN SCHEDULE

MARK	STATIC PRESSURE 0.25 IN INCHES WG			DAMPER SIZE	WALL OPENING	FAN RPM	MOTOR HP BELT DRIVE	PHASE	VOLTAGE	MODEL NO.	MANUFACTURER	APPROXIMATE WEIGHT
EF1	123 CFM	0.263	3.8 SONES	8 x 8	8 x 8	1300	1/60	1	115	CUE-070-G	GREENHECK (OR EQUAL)	18

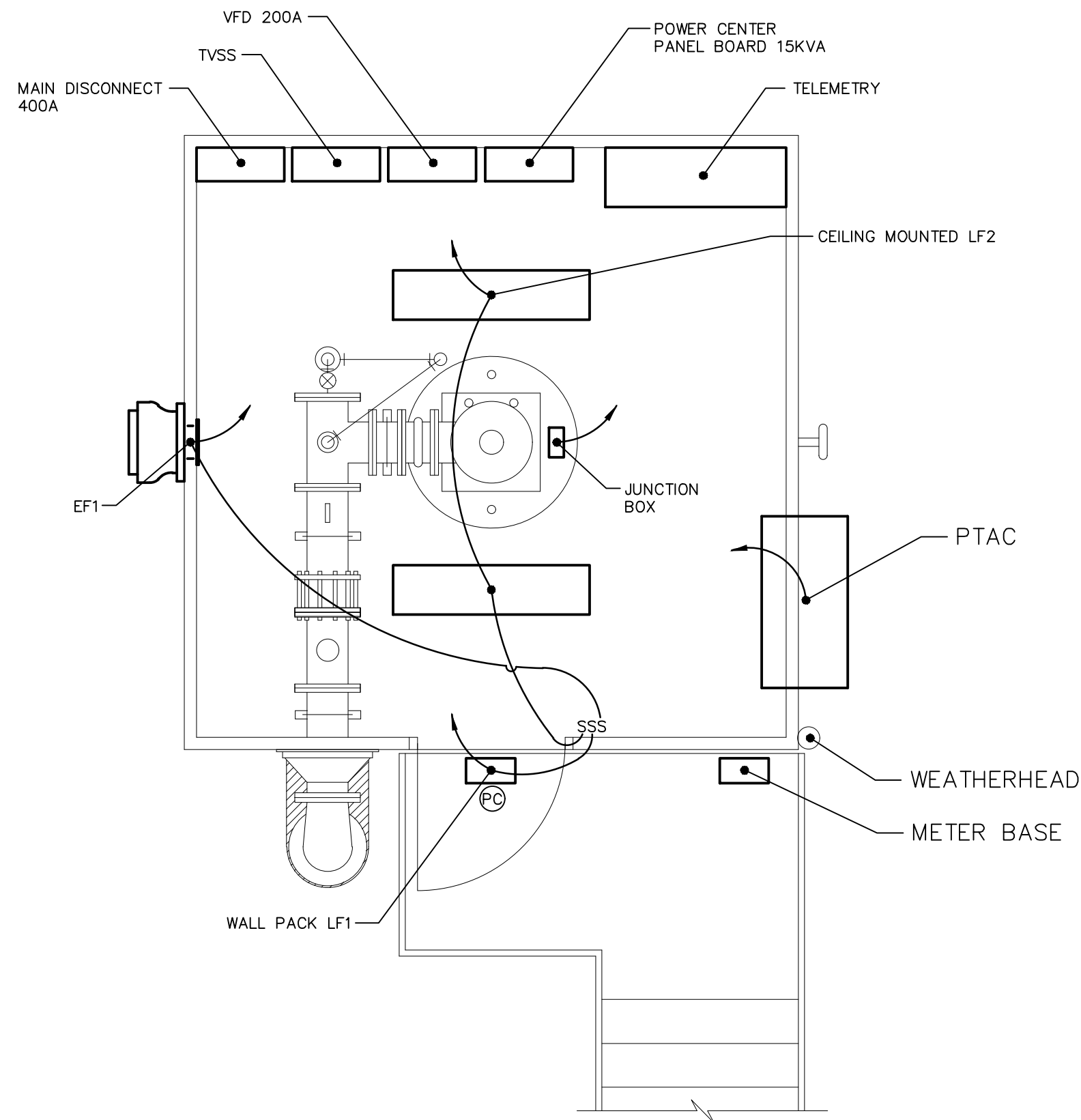
MARK	TAG NAME	DETAIL	WIRING	DESTINATION	ID	COMMENTS
0101 0102 0103	LCP JBX JBX	N184 E030 N/A	1-24, 2-8, 1-4 FOC/SM 2 SH.PR.	JBX LCP	0103 0101	BY OTHERS
0201 0202 0203	LCP JBX JBX	N184 E030 N/A	1-4 FOC/SM 2 SH.PR.	JBX LCP	0203 0201	BY OTHERS
0301 0302 0303	LCP JBX JBX	N184 E030 N/A	1-4 FOC/SM 2 SH.PR.	JBX LCP	0303 0301	BY OTHERS
0401 0402 0403	LCP JBX JBX	N184 E030 N/A	1-8, 1-4 FOC/SM 2 SH.PR.	JBX LCP	0403 0401	BY OTHERS
0501 0502 0503	LCP JBX JBX	N184 E030 N/A	1-8, 1-4 FOC/SM 2 SH.PR.	JBX LCP	0503 0501	BY OTHERS

KEY NOTES

- ROUTE CONDUIT FROM JUNCTION BOX TO VFD ON BOTTOM SIDE OF PLATFORM. PENETRATE FLOOR AS REQUIRED BELOW JUNCTION BOX FOR CONDUIT TO PASS THROUGH.
- TVSS SHALL BE INSTALLED IN NEMA 4X FIBERGLASS ENCLOSURE. ENCLOSURE SHALL BE LOCATED SO THAT OUTER DOOR CAN BE OPENED TO 90° WITHOUT INTERFERENCE FROM WELL TVSS AND ENCLOSURE DOOR HINGES SHALL BE ON THE SAME SIDE SO THAT DOORS OPEN THE SAME DIRECTION.

GENERAL NOTES

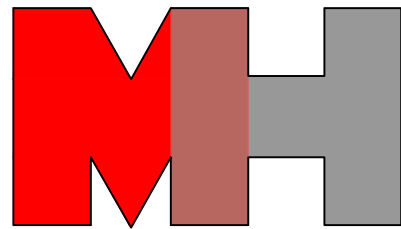
- ALL WORK ON THIS SHEET IS BY CONTRACT "A" CONTRACTOR WITH THE EXCEPTION OF CONTROL PANELS AND FIBER CONNECTIONS.
- PLAN IS TYPICAL OF 5. THE "XX" IN TAG NUMBERS THROUGH OUT THE PLAN STANDS FOR 1 FOR WELL NO. 1, 2 FOR WELL NO. 2,....., 5 FOR WELL NO. 5.
- SEE DRAWING C1 FOR FIBER OPTIC NETWORK REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WIRING, WHETHER SHOWN OR NOT, NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM.
- THIS DRAWING SHOWS APPROXIMATE LOCATIONS OF DEVICES AND PANELS.
- SHIELDED AND UNSHIELDED CONDUCTORS SHALL BE RUN IN CONDUIT. SHIELDED CONDUCTORS SHALL NOT BE COMBINED WITH UNSHIELDED CONDUCTORS IN ANY CONDUIT. NEITHER SHIELDED NOR UNSHIELDED CONDUCTORS SHALL BE INCLUDED IN THE SAME CONDUIT AS POWER WIRING.
- SHIELDED AND UNSHIELDED CONDUCTORS SHALL HAVE A MINIMUM OF 6" SEPARATION BETWEEN CONDUIT ON PARALLEL RUNS.
- SHIELDED AND UNSHIELDED CONDUCTORS SHALL BE SEPARATED BY SEPARATED BY STEEL BARRIERS IN ALL COMBINED SIGNAL JUNCTION BOXES AND INSTRUMENT TERMINATION CABINETS.
- FOR EACH CONDUIT CONTAINING MORE THAN TWO CONDUCTORS, PROVIDE A MINIMUM OF TWO CONDUCTORS PLUS ADDITIONAL 10% OF TOTAL CONDUITS. TAG BOTH ENDS OF EACH SPARE. TERMINATE END OF SPARE CONDUCTOR AT TERMINALS WHENEVER POSSIBLE.
- CONDUIT SHALL BE SIZED TO ACCOMMODATE REQUIRED CONDUCTORS AND ANTICIPATED SPARES.
- THIS DRAWING DOES NOT SHOW CONDUIT SYSTEMS. PROVIDE, AS A MINIMUM, PULL BOXES AS RECOMMENDED BY CONDUCTOR MANUFACTURER. CONDULETS SHALL NOT BE USED AS PULL BOXES.



ELECTRICAL PLAN

SCALE: 3/8" = 1'-0"

MECO-HENEGHAN
ENGINEERS, LLC



www.meco-heneghan.com

DESIGN FIRM NUMBERS:
IL: 164.007845-0010
035.003949
EXPIRES: APRIL 30, 2027
MO: 2018004041
EXPIRES: DECEMBER 31, 2027

400 N. FIFTH STREET
SUITE 107
ST. CHARLES, MO 63301
P: (636) 395-7055

REVISIONS

DATE

NO.

PHASE 1B

CONTRACT "A" - PHASE "1B"
TYPICAL WELL PLATFORM
ELECTRICAL PLAN / EQUIPMENT
INFORMATION DETAILS

ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

DRAWN BY: R. HAYES
CHECKED BY: K. GARNETT
APPROVED BY: M. MIDDENDORF
HORIZONTAL SCALE:

AS SHOWN

VERTICAL SCALE:

N/A

PROJECT NO.

700-003

DATE:

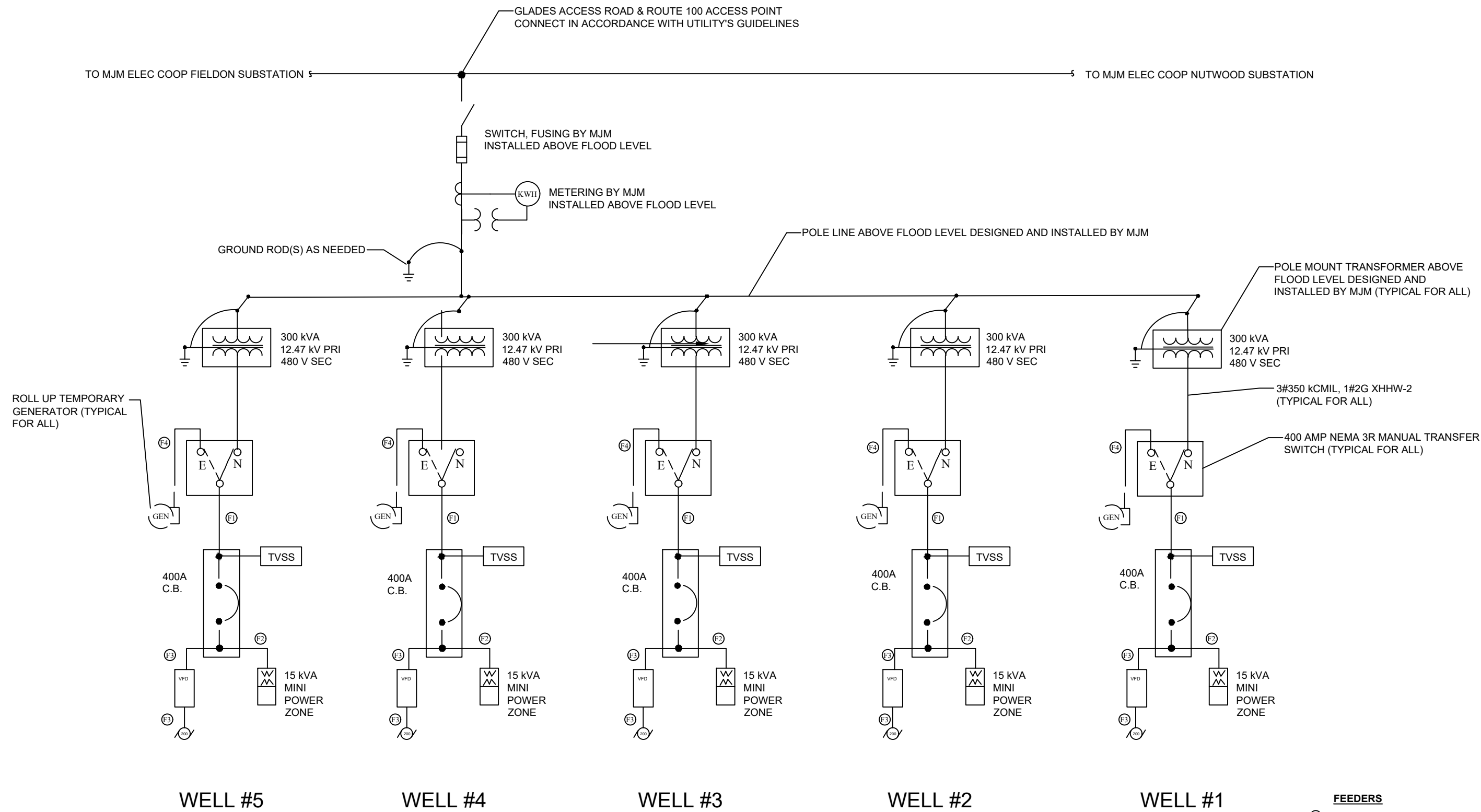
09/04/26

SHEET NO.

E1

10 OF 13 SHEETS

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PLOTED: 9/14/2026 @ 9:11:40 AM BY richard.hayes

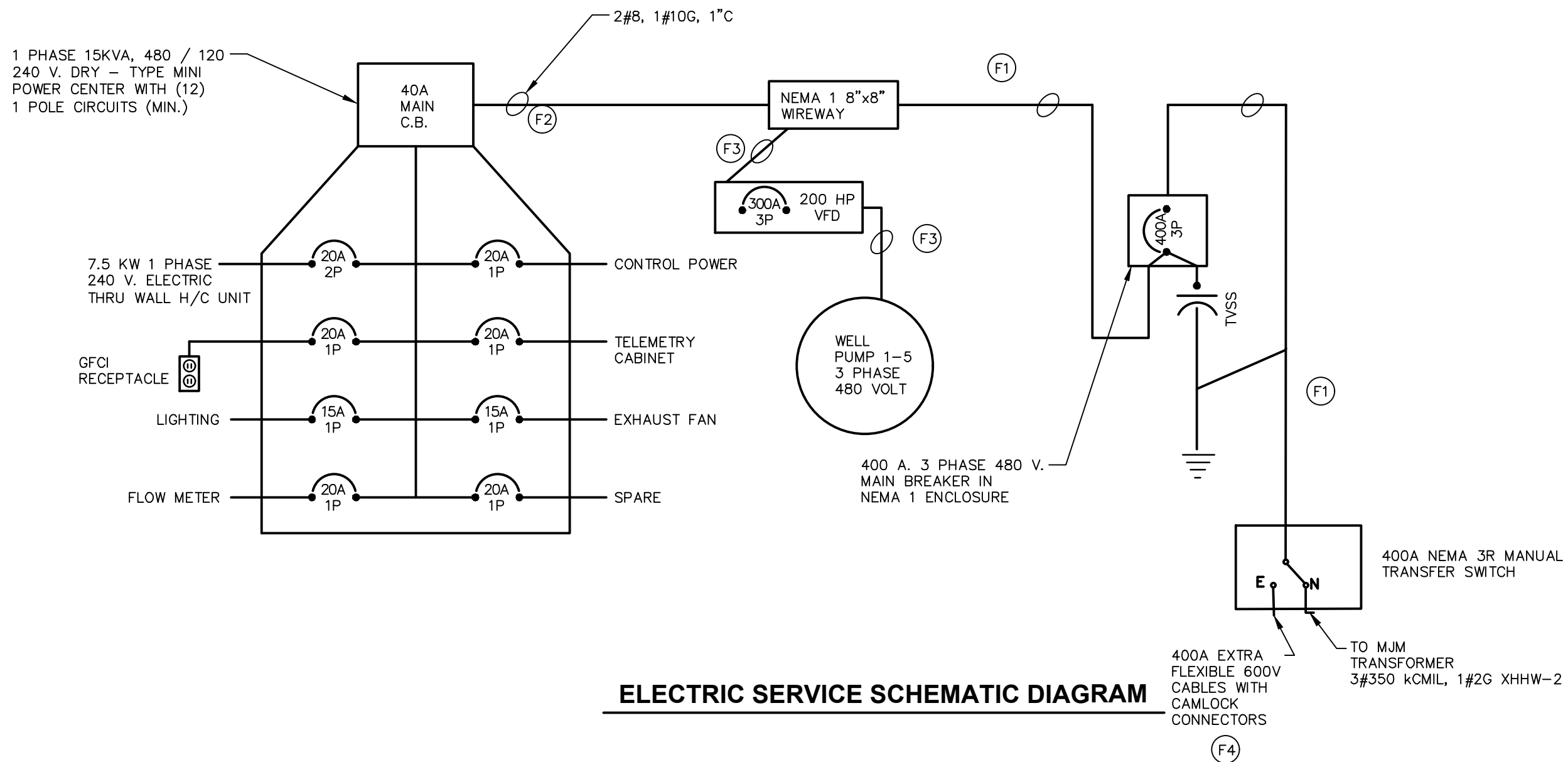


ONE LINE DIAGRAM

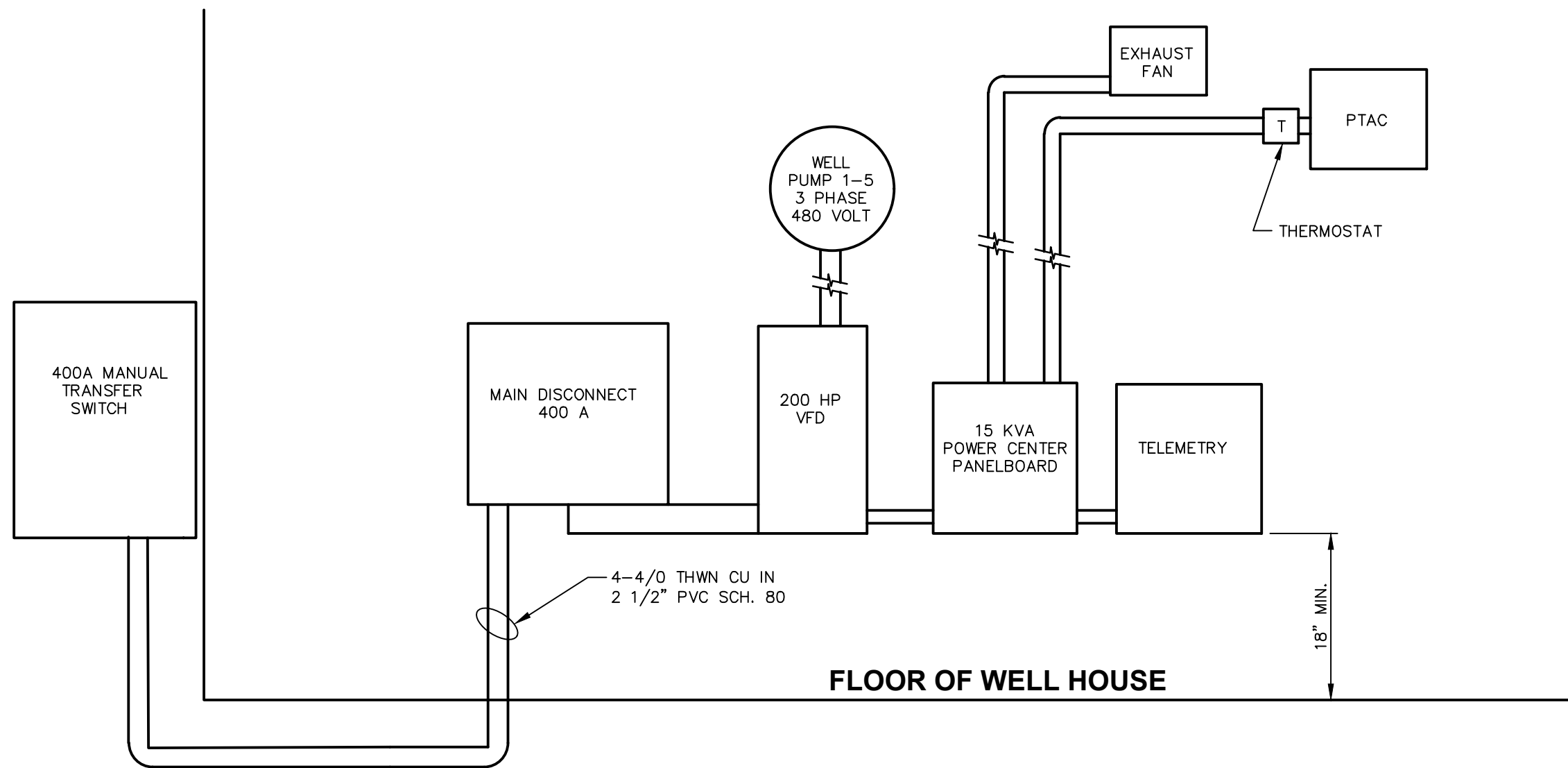
SCALE: NONE

FEEDERS

- ① 3#500 kCMIL THWN, 1#2 G, 3" C
- ② 2#8 THWN, 1#10 G, 1" C
- ③ 3#350 kCMIL THWN, 1#4 G, 3" C
- ④ 400 AMP EXTRA FLEXIBLE 600 V
CABLES WITH CAMLOCK
CONNECTORS

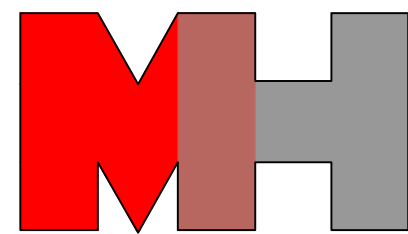


ELECTRIC SERVICE SCHEMATIC DIAGRAM



PANEL LAYOUT IN WELL HOUSE

MECO-HENEGHAN
ENGINEERS, LLC



www.meco-heneghan.com

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PHASE 1B

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ELECTRICAL PLAN / EQUIPMENT
INFORMATION DETAILS

ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

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CHECKED BY: K. GARNETT
APPROVED BY: M. MIDDENDORF
HORIZONTAL SCALE:

NO SCALE

VERTICAL SCALE:
N/A

PROJECT NO.
700-003

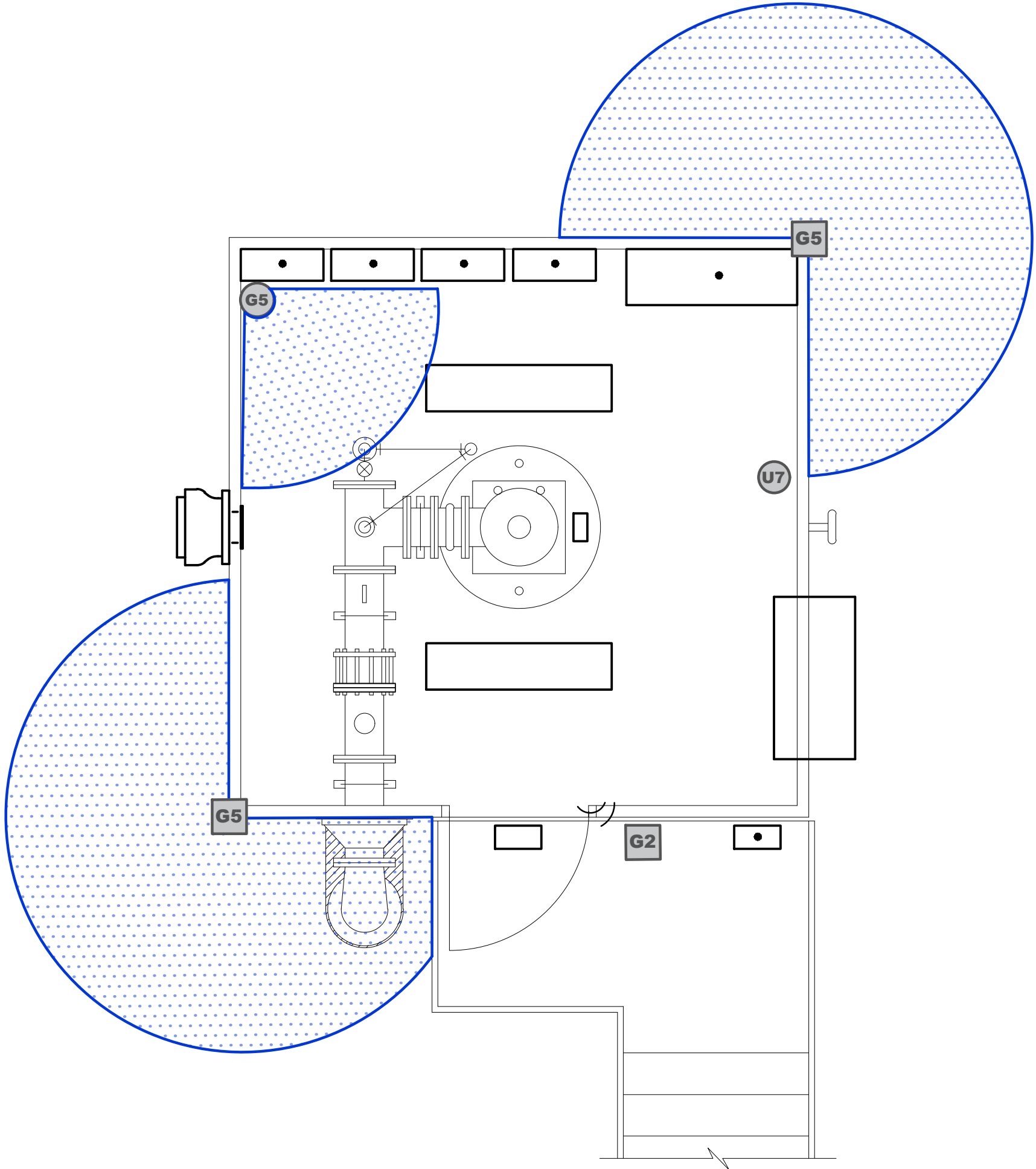
DATE:
09/04/26

SHEET NO.
E2

11 OF 13 SHEETS

P:\IT\enr\Projects\700\700 Illinois alluvial regional water company\003 iarwc basic services\contract a - phase 2 - water supply wells\700003 e4.0 exterior door access.dwg
PLOTED: 9/17/2025 @ 2:10:22 AM \$T:Richard Hays

- NOTES:
1. FOR REFERENCE ONLY.
 2. GENERAL CONTRACTOR IS REQUIRED TO INSTALL WIRING AND CONDUIT TO ALL COMPONENTS.
 3. ALL POE AND ETHERNET SHALL BE CAT6E.

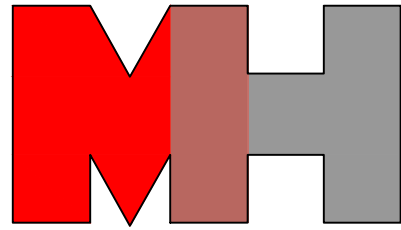


TYPICAL WELL HOUSE SECURITY / WIFI PLAN

SCALE: 3/8" = 1'-0"

TABLE OF CONTENTS	
	U7 PRO MAX OR EQUAL
	U7 OUTDOOR OR EQUAL
	G5 PRO OR EQUAL
	G5 PTZ OR EQUAL
	G2 READER PRO OR EQUAL
	DREAM MACHINE PRO OR EQUAL

MECO-HENEGHAN
ENGINEERS, LLC



www.meco-heneghan.com

DESIGN FIRM NUMBERS:
IL: 184.007845-0010
035.003949
EXPIRES: APRIL 30, 2027
MO: 2018004041
EXPIRES: DECEMBER 31, 2027

400 N. FIFTH STREET
SUITE 107
ST. CHARLES, MO 63301
P: (636) 395-7055

NO.	DATE	REVISIONS

PHASE 1B

CONTRACT "A" - PHASE "1B"
TYPICAL WELL PLATFORM
ELECTRICAL PLAN / EQUIPMENT
INFORMATION DETAILS

ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

DRAWN BY: BAH
CHECKED BY: SWE
APPROVED BY: R. HUSEMAN

HORIZONTAL SCALE:
N.T.S.

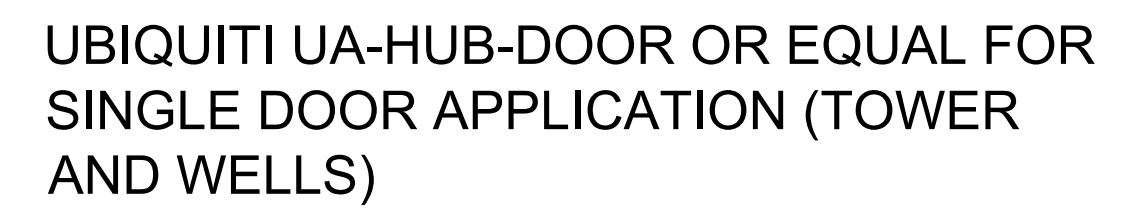
VERTICAL SCALE:
N.T.S.

PROJECT NO.
700-003

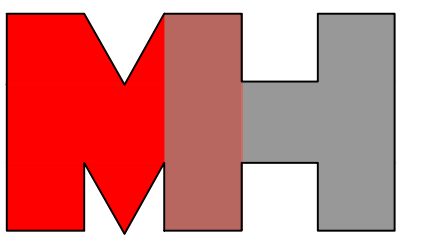
DATE:
09/04/26

SHEET NO.
E4.2
12 OF 13 SHEETS

PAH=I: \projects\00\00 illinois alluvial regional water company\003 iarwc basic services\contract a - phase 2 - water supply wells\00003 e4.0 exterior door access.dwg
PLOTTED: 9/4/2026 @ 9:10:28 AM BY richard hayes



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ST. CHARLES, MO 63301
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NO.	DATE	REVISIONS

PHASE 1B

CONTRACT "A" - PHASE "1B"
TYPICAL WELL PLATFORM
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ILLINOIS ALLUVIAL REGIONAL WATER COMPANY
JERSEY & MACOUPIN COUNTIES, ILLINOIS

N.T.S.

PROJECT NO.
700-003

SHEET NO.

E4.5

13 OF 13 SHEETS