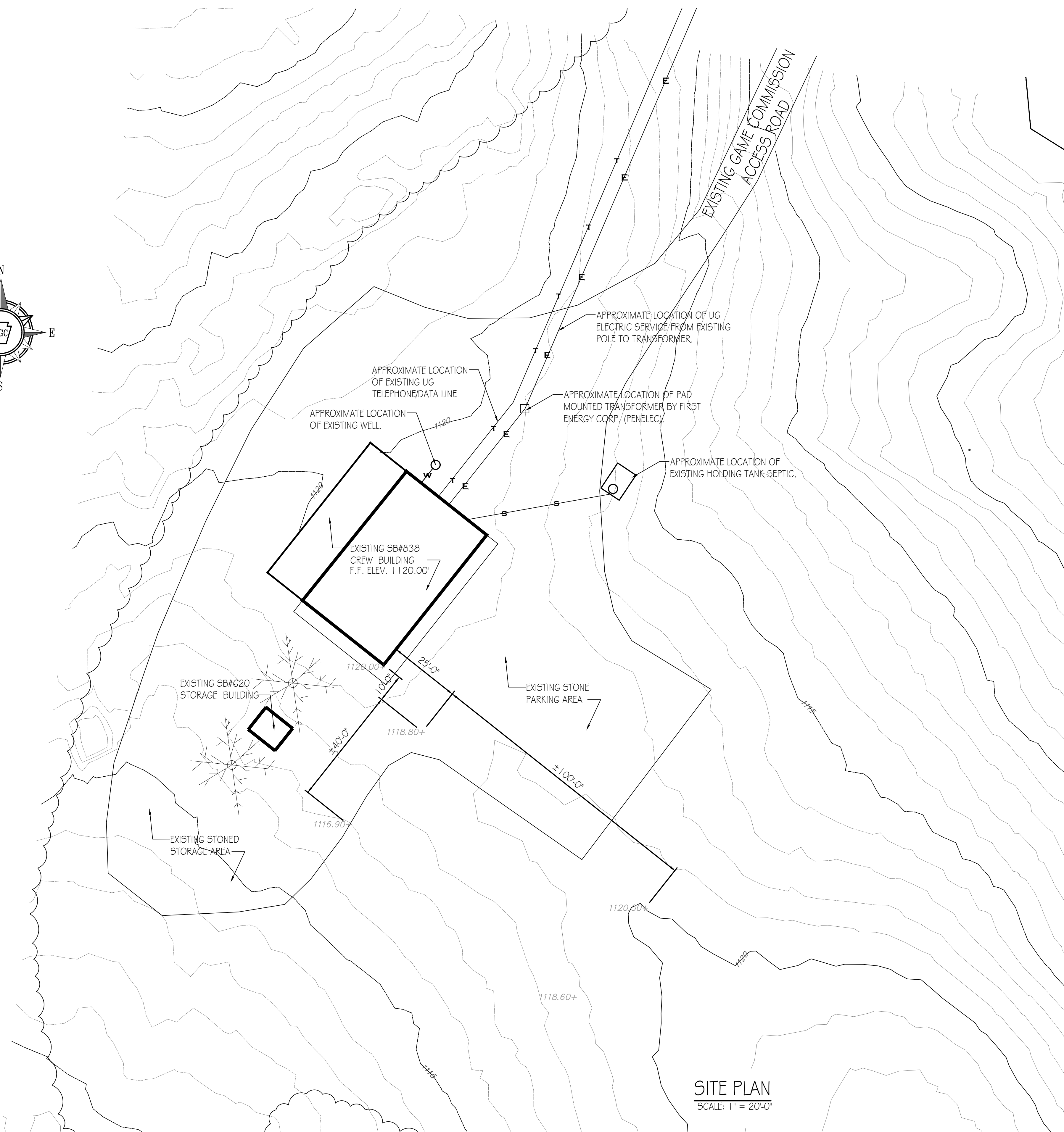
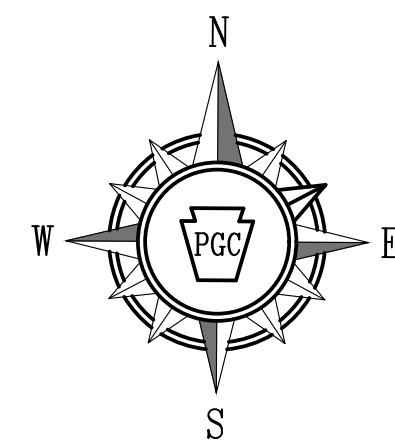
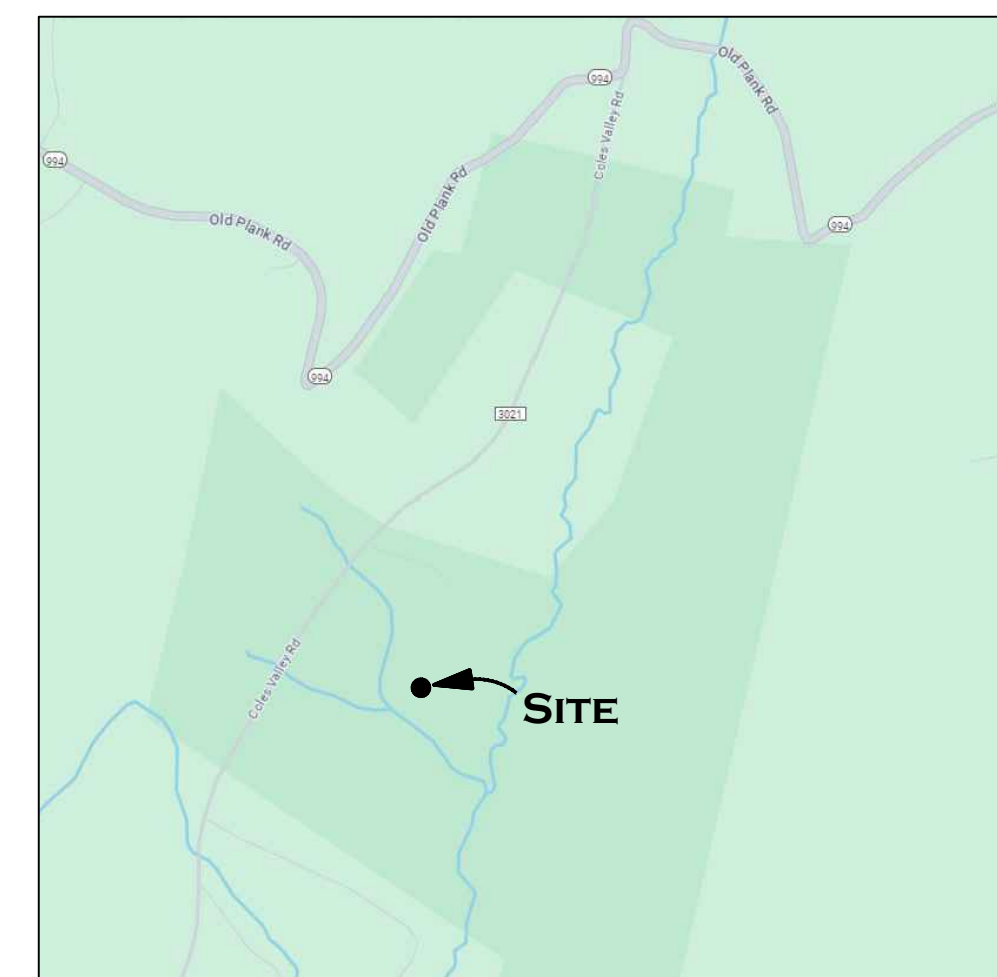
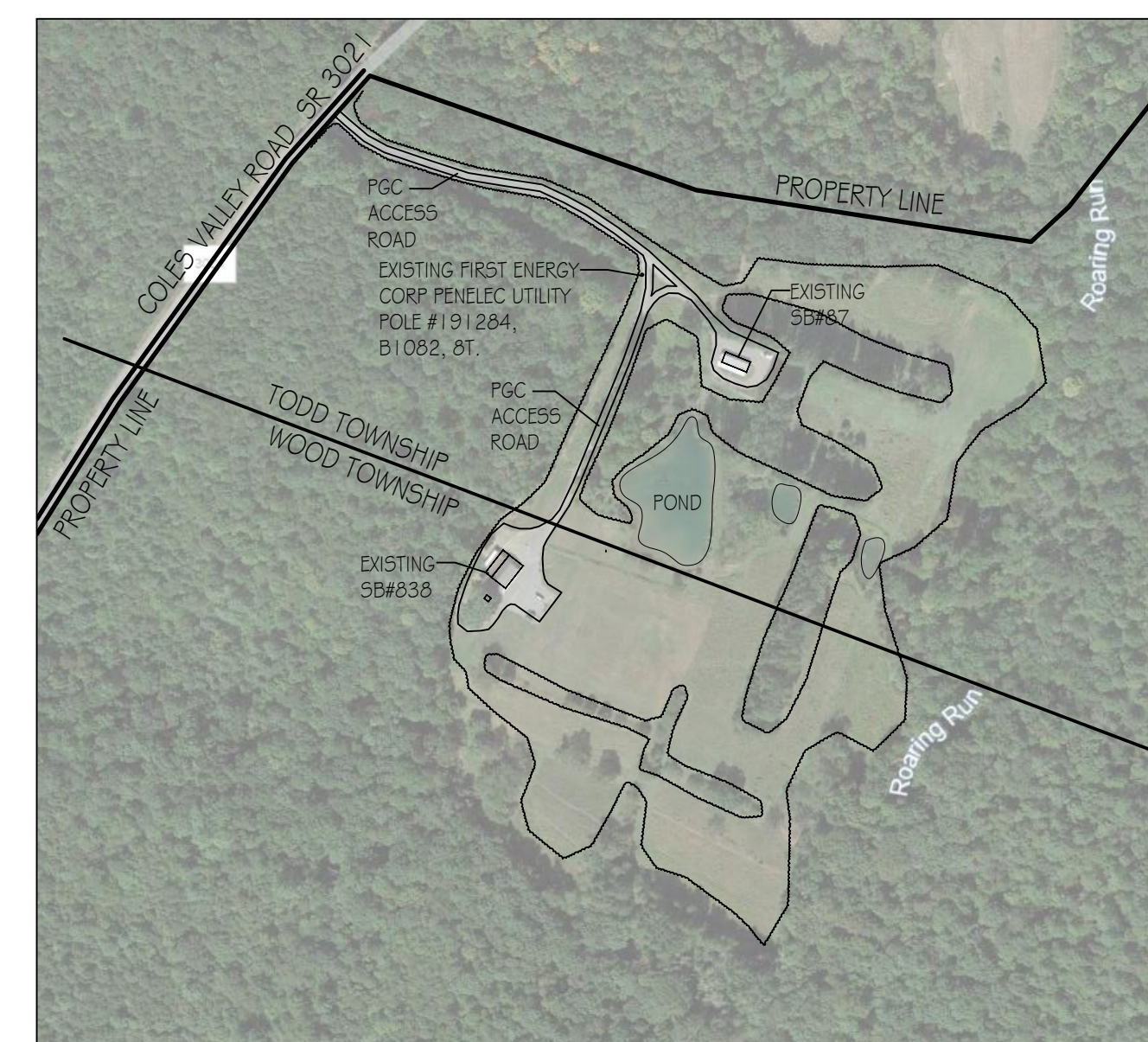




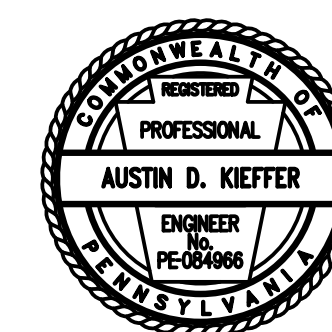
SITE PLAN
SCALE: 1" = 20'-0"



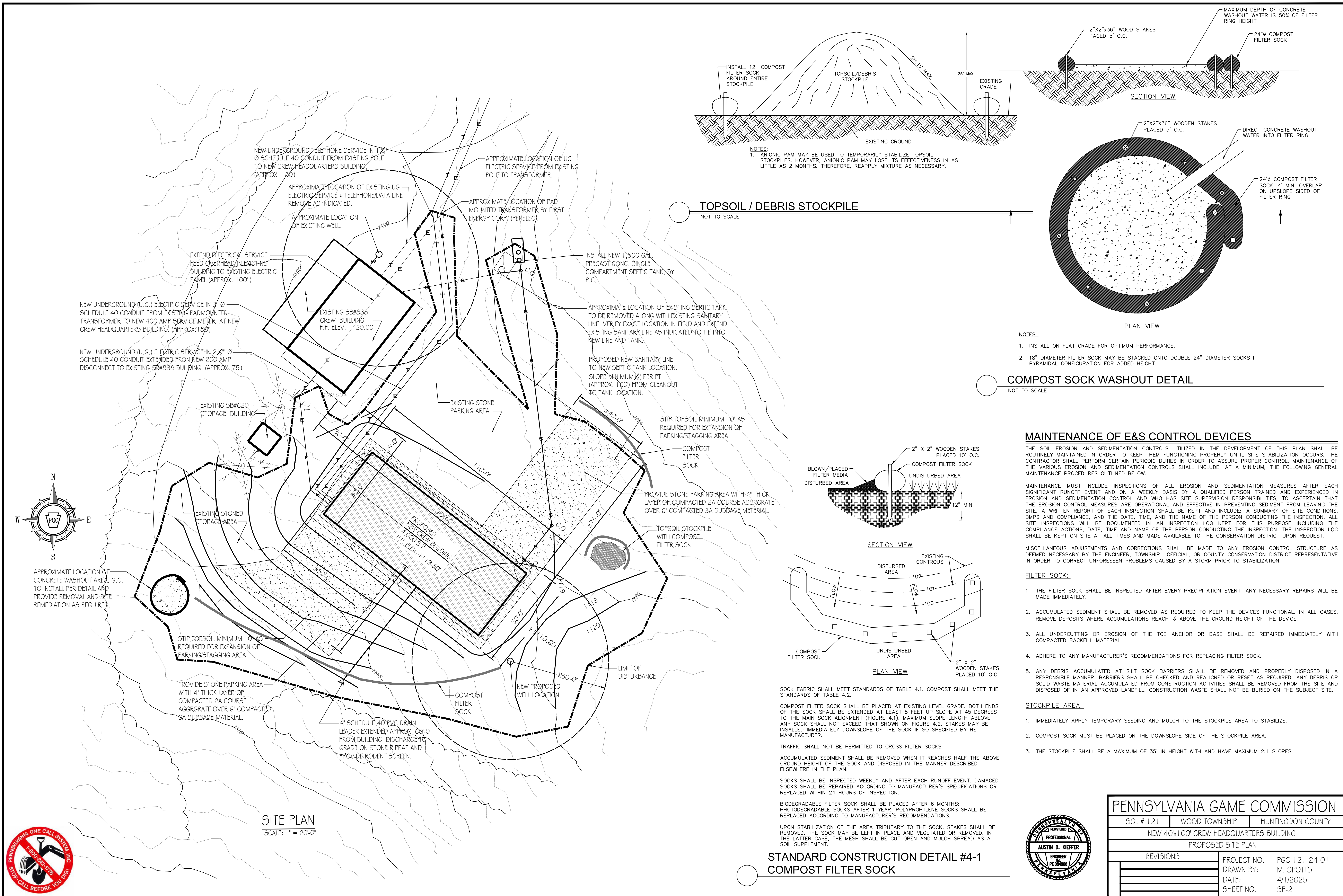
PROJECT VICINITY MAP
NOT TO SCALE



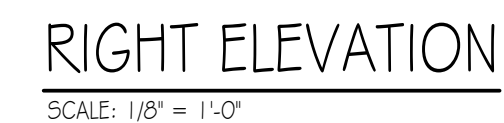
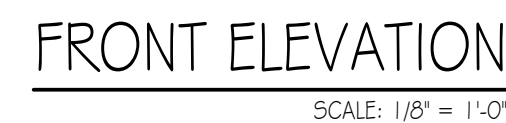
OVERALL EXISTING SITE PLAN
NOT TO SCALE



PENNSYLVANIA GAME COMMISSION		
SGL # 121	WOOD TOWNSHIP	HUNTINGDON COUNTY
NEW 40x100' CREW HEADQUARTERS BUILDING		
EXISTING SITE PLAN		
REVISIONS	PROJECT NO.	PGC-121-24-01
	DRAWN BY:	M. SPOTTS
	DATE:	4/1/2025
	SHEET NO.	SP-1

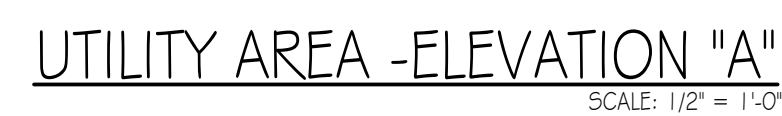




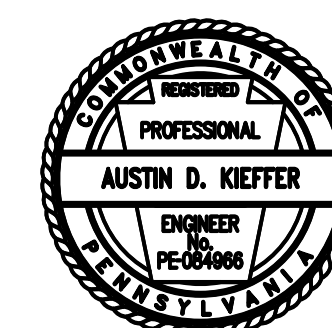


WINDOW SCHEDULE

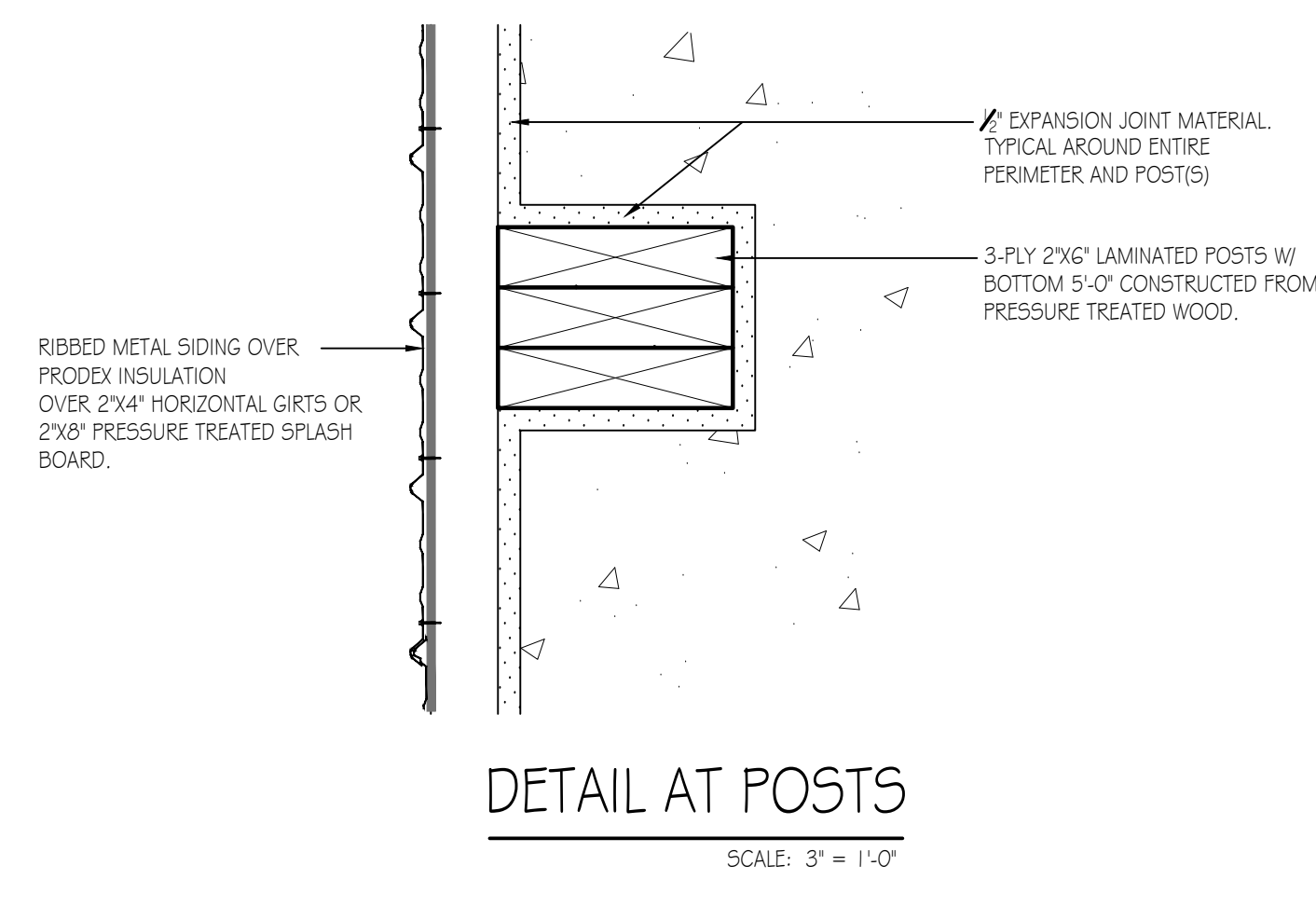
DOOR SCHEDULE



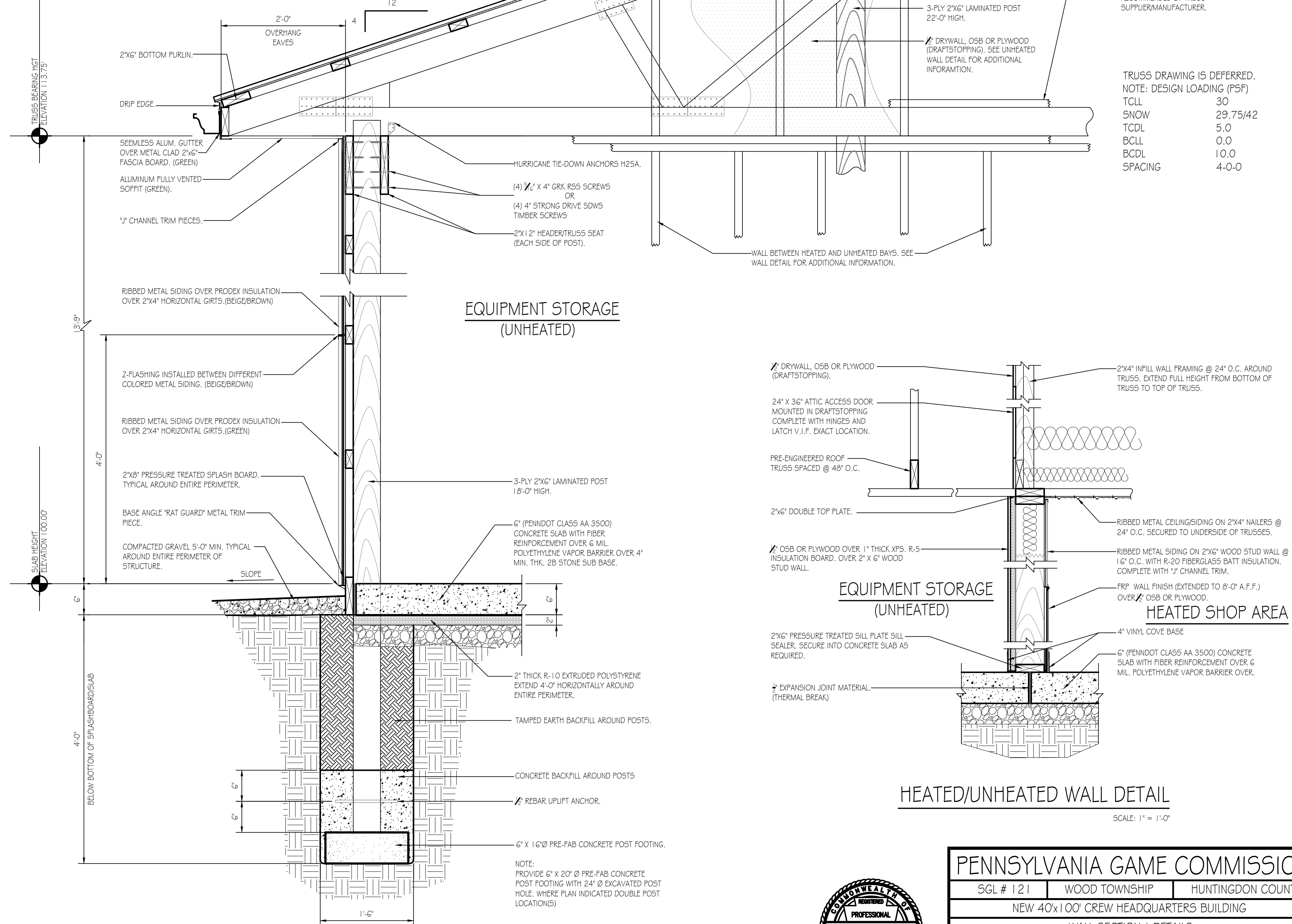
- | | | |
|---|----------------------------|----------------------|
| ① | SINK (W/FAUCET) | SEE SPECS |
| ② | FLOOR MOUNTED WATER CLOSET | SEE SPECS |
| ③ | WALL HUNG URINAL | SEE SPECS |
| ④ | GRAB BAR (24" LONG) | MODEL 812 |
| ⑤ | GRAB BAR (36" LONG) | MODEL 812 |
| ⑥ | TOWEL DISPENSER | MODEL 250-15 |
| ⑦ | TOILET TISSUE HOLDER | MODEL 508 |
| ⑧ | 18" x 36" MIRROR | MODEL 780-183G |
| ⑨ | SOAP DISPENSER | MODEL 655 |
| ⑩ | LIGHT FIXTURE | 2' INTEGRATED LED |
| ⑪ | ONE PIECE SHOWER UNIT | GELCOATED FIBERGLASS |
| ⑫ | UTILITY SINK (W/FAUCET) | SEE SPECS |



PENNSYLVANIA GAME COMMISSION		
SGL # 121	WOOD TOWNSHIP	HUNTINGDON COUNTY
NEW 40x100' CREW HEADQUARTERS BUILDING		
ELEVATIONS, SCHEDULES, REFLECTED CEILING PLAN & INTERIOR ELEVATIONS		
REVISIONS		PROJECT NO. PGC-121-24-01
		DRAWN BY: M. SPOTT5
		DATE: 4/1/2025
		SHEET NO. A-2



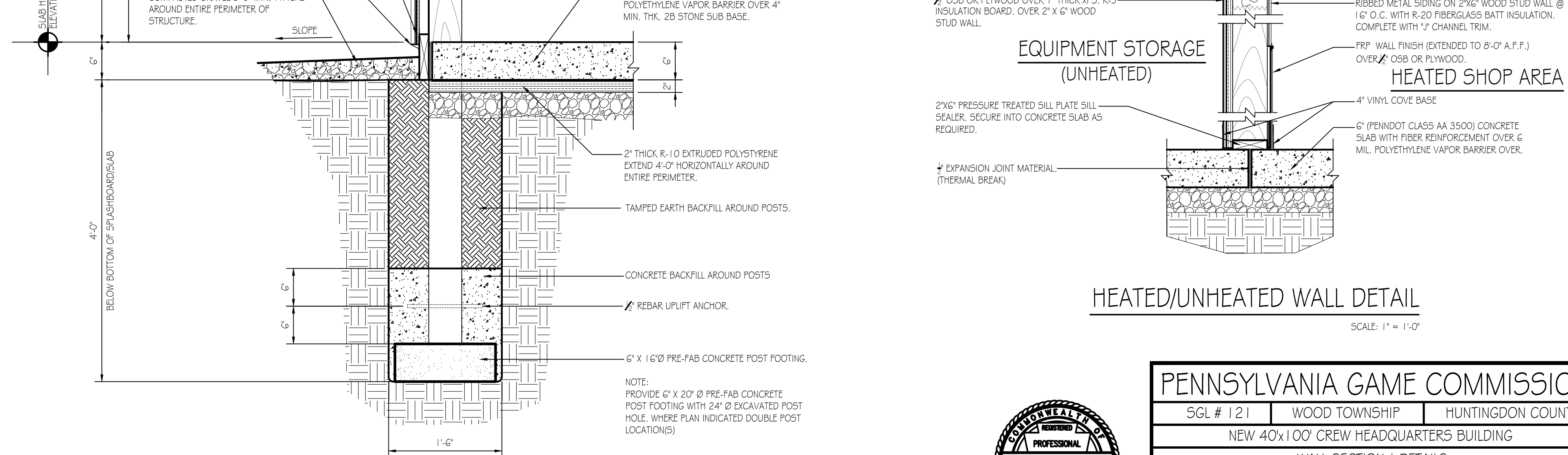
SCALE: 3" = 1'-0"



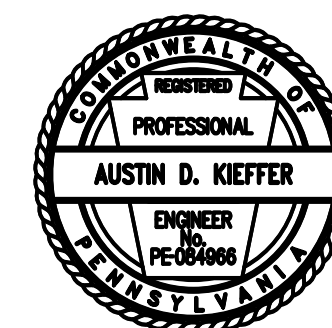
SCALE: 1" = 1'-0"



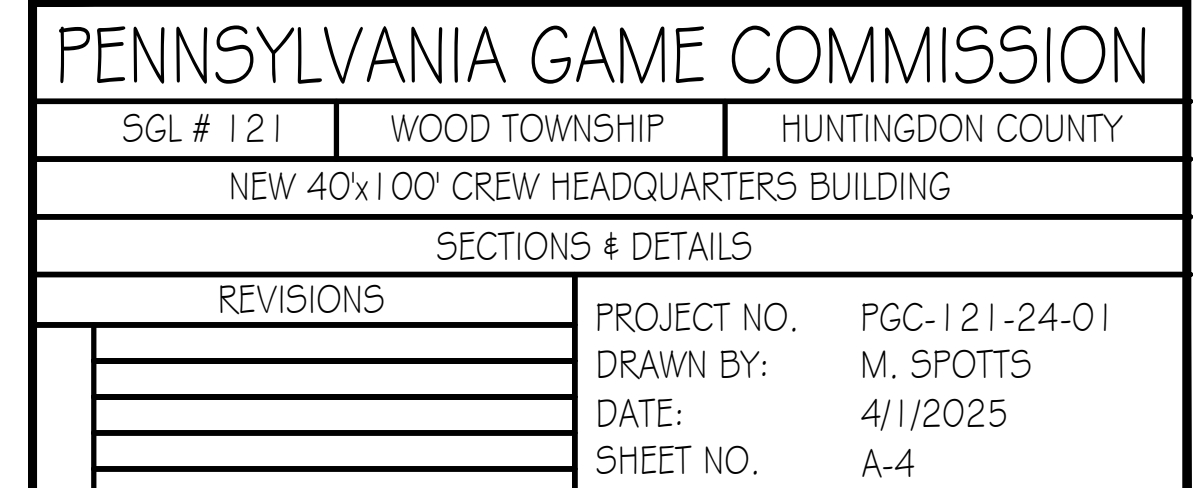
SCALE: 1" = 1'-0"



SCALE: 1" = 1'-0"

$$SCA(F, \cdot)^\# = \cdot^\# \cdot \Omega^\#$$


PENNSYLVANIA GAME COMMISSION		
SGL # 121	WOOD TOWNSHIP	HUNTINGDON COUNTY
NEW 40x100' CREW HEADQUARTERS BUILDING		
WALL SECTION & DETAILS		
REVISIONS		PROJECT NO. PGC-121-24-01 DRAWN BY: M. SPOTT5 DATE: 4/1/2025 SHEET NO. A-3



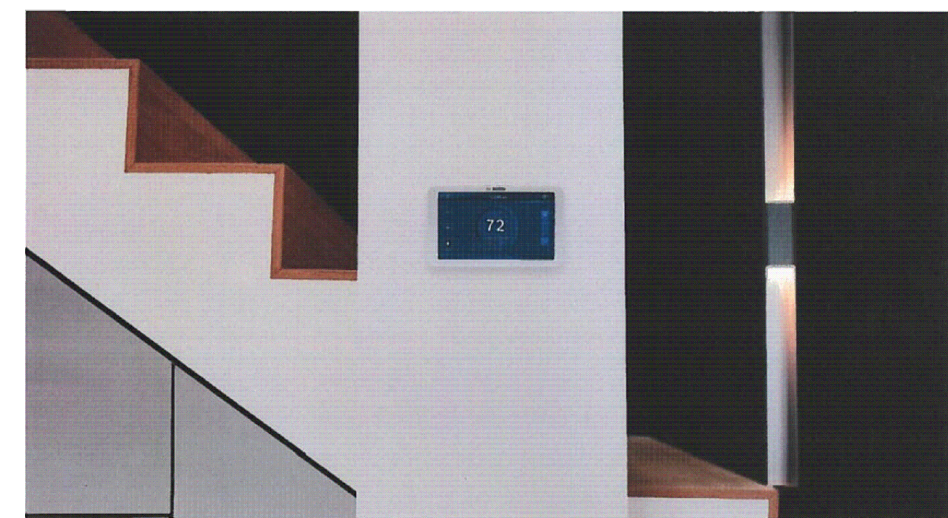
MECHANICAL CONSTRUCTION NOTES: HVAC SYSTEM TO BE A BOSCH HEAT PUMP SYSTEM. LAYOUT OF DUCTS, DUCT SIZES AND DIFFUSERS ARE MEANT TO BE USED AS A GUIDELINE. ACTUAL RUNS, SIZES AND LOCATIONS TO BE DETERMINED BY MANUFACTURER'S MODEL. THE FOLLOWING STEPS SHOULD BE FOLLOWED IN THE DESIGN AND INSTALLATION OF THE HVAC SYSTEM TO ENSURE EFFICIENCY AND COMFORT.

1. DETERMINE ROOM-BY-ROOM AND AIR-FLOWS USING ACCA MANUAL J CALCULATION PROCEDURES (OR SUBSTANTIALLY EQUIVALENT)
2. SIZE DUCT SYSTEM ACCORDING TO ACCA MANUAL D CALCULATION PROCEDURES. (OR SUBSTANTIALLY EQUIVALENT)
3. SIZE HVAC EQUIPMENT TO SENSIBLE LOAD USING ACCA MANUAL S CALCULATION PROCEDURES (OR SUBSTANTIALLY EQUIVALENT).
4. INSTALL EQUIPMENT & DUCTS ACCORDING TO DESIGN SPECIFICATIONS USING INSTALLATION PROCEDURES FROM SMACNA / MANUFACTURER'S SPECS.
5. INSTALL 50 STATIC AIR PRESSURE DROP ACROSS THE AIR HANDLER IS WITHIN MANUFACTURER AND DESIGN SPECIFICATIONS.
6. PROVIDE BALANCED AIR FLOWS BETWEEN SUPPLY AND RETURN SYSTEMS TO MAINTAIN NEUTRAL PRESSURE.
7. EQUIPMENT AND ASSOCIATED ITEMS MUST BE APPROVED BY PGC HARRISBURG ENGINEERING DIVISION BEFORE START OF INSTALLATION.

FURNISH AND INSTALL A HEAT PUMP TO BE A 5 TON BOSCH BOVA - 060-HDN I - M18M OUTSIDE CONDENSER UNIT, W/ BVA-48WN I -M20 INDOOR AIR HANDLER/ FURNACE AND EHK-15B-15kW MINIMUM BACKUP STAGED ELECTRIC HEAT STRIP. UNITS TO ACHIEVE A MINIMUM 17 SEER AND 8.0 HSPF (OR SUBSTANTIALLY EQUIVALENT).

LP GAS PIPING NOTES: THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL NEW RIGID LP GAS PIPING SYSTEM INTO THE BUILDING ENVELOPE THEN CONTINUE WITH CSST FLEXIBLE GAS PIPING, VALVES, PIPE HANGERS, AND ALL MECHANICAL MATERIALS REQUIRED TO CONNECT TO PROPANE TANKS TO NEW SUSPENDED UNIT HEATER. PIPING SPECS ARE AS FOLLOWS:

1. RIGID PIPING -BLACK STEEL PIPE TO COMPLY WITH ASTM A53/A53M, SCHEDULE 40, TYPE E OR 5 GRADE B CARBON STEEL COMPLETE WITH ALL FITTINGS TO COMPLY WITH ASME B16.3.
2. FLEXIBLE PIPING -CSST 1/2" DIAMETER -300 SERIES STAINLESS STEEL STRIP CONFORMING TO ASTM A240 RATED FOR 25 PSI AND HAVE AN ELEVATED PRESSURE RATING OF 125G FOR SIZES UP TO 1 1/2" AND 25G FOR 1 1/2" AND 2".



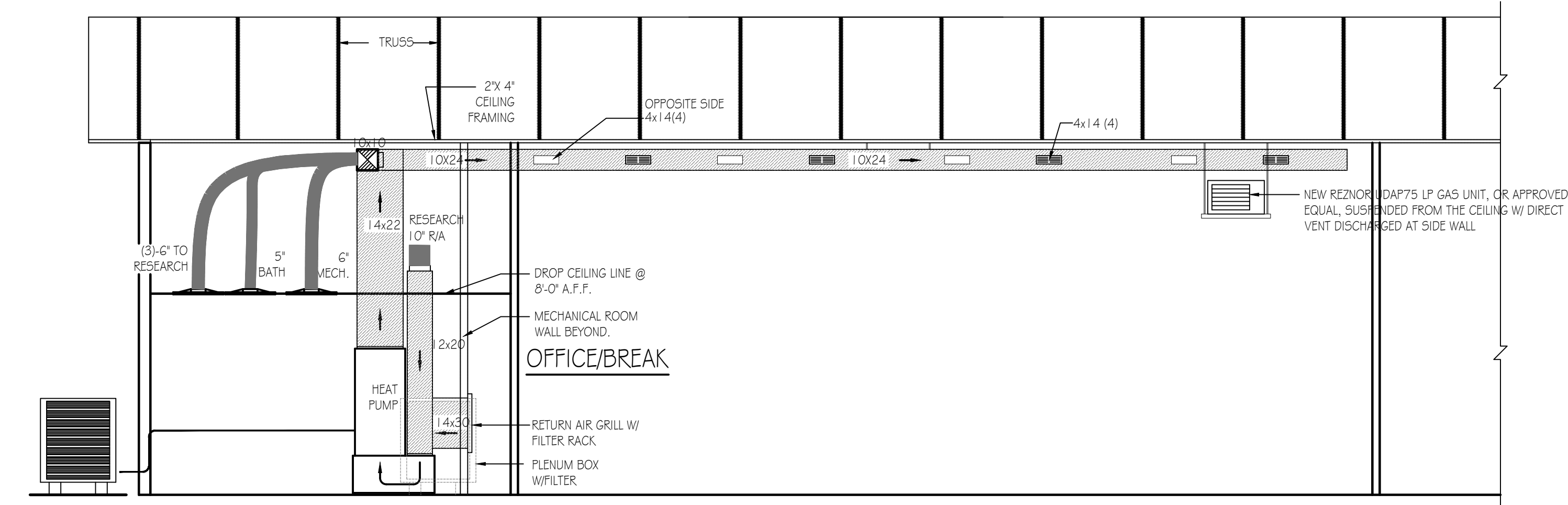
Product Specifications

- 5 inch Touch Screen 604 x 480 Pixels
- Supports 2 Transformer Systems (BAC and B1)
- C-Wire Required for Installation
- 2 Relay Terminals (C, Y, Y2, W1, W2, W3, W4, W5, W6, W7, W8, W9, W10, W11, W12, W13, W14, W15, W16, W17, W18, W19, W20, W21, W22, W23, W24, W25, W26, W27, W28, W29, W30, W31, W32, W33, W34, W35, W36, W37, W38, W39, W40, W41, W42, W43, W44, W45, W46, W47, W48, W49, W50, W51, W52, W53, W54, W55, W56, W57, W58, W59, W60, W61, W62, W63, W64, W65, W66, W67, W68, W69, W70, W71, W72, W73, W74, W75, W76, W77, W78, W79, W80, W81, W82, W83, W84, W85, W86, W87, W88, W89, W90, W91, W92, W93, W94, W95, W96, W97, W98, W99, W100)
- 1 Data Terminal: receive fault messages from Bosch Water Source Heat Pumps
- WPS 802.11 b/g/n @ 2.4 GHz
- 5 year limited warranty

Thermostat Model	Part Number
Bosch Connected Control BCCS100 Thermostat	T 8-733-044.009
Thermostat-System Parts	Part Number
Wall Plate, Secondary, Screen & Wall Anchors/Jumper Cable	8-733-044.004

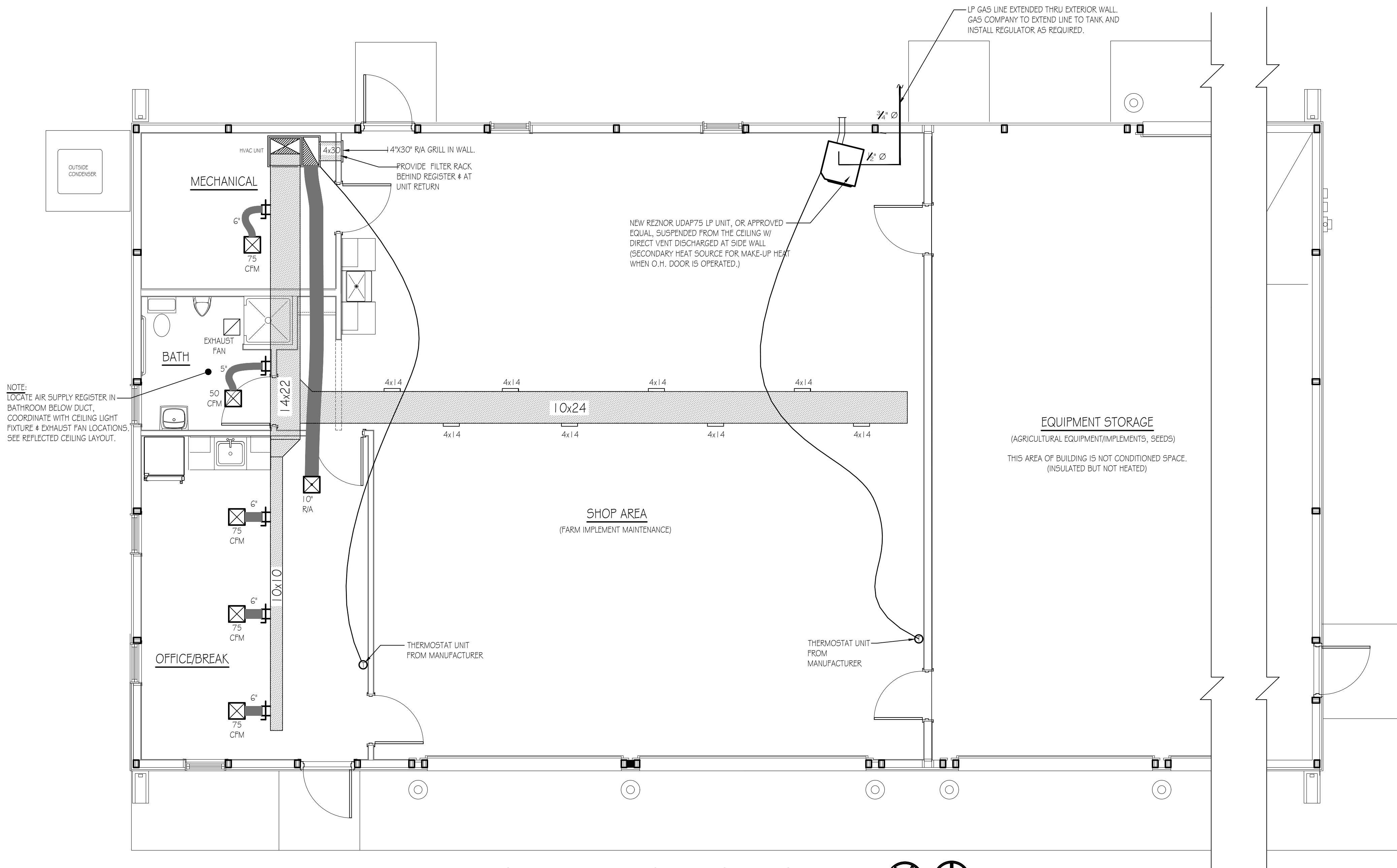
MINIMUM OUTDOOR AIRFLOW RATE CHART

OCCUPANCY CLASSIFICATION	OCCUPANCY DENSITY /SQUARE FOOT	CFM/PERSON	EXHAUST AIRFLOW RATE
BUSINESS-WORK ROOM	281 SQ.FT./2 PERSONS	5 CFM/2 PERSONS-10 CFM	-
BUSINESS-BATH	60 SQ. FT./1 PERSON	-	110 CFM EXHAUST FAN
BUSINESS-UTILITY	125 SQ. FT./1 PERSON	20 CFM/PERSON -20 CFM	-
STORAGE-WORK AREA	1383 SQ. FT./3 PERSONS	10 CFM/3 PERSONS -30 CFM	-



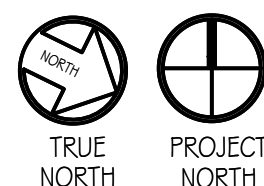
BUILDING SECTION - MECHANICAL

SCALE: 1/4" = 1'-0"

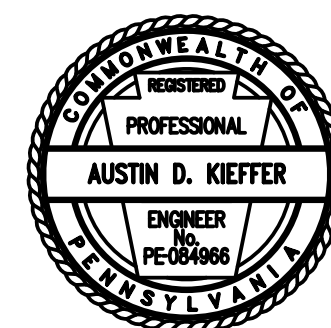


NEW CREW BUILDING - MECHANICAL PLAN

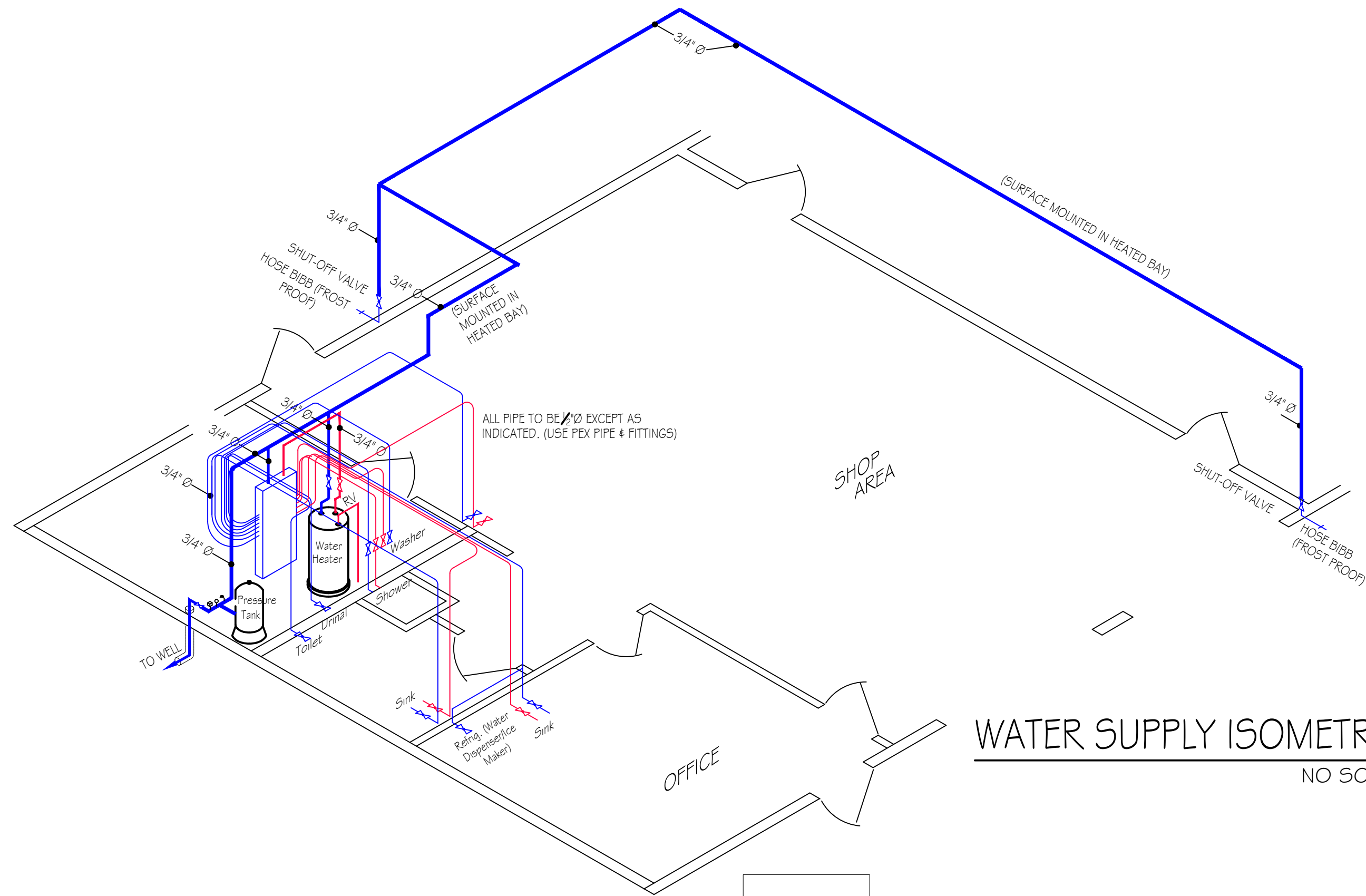
SCALE: 1/4" = 1'-0"



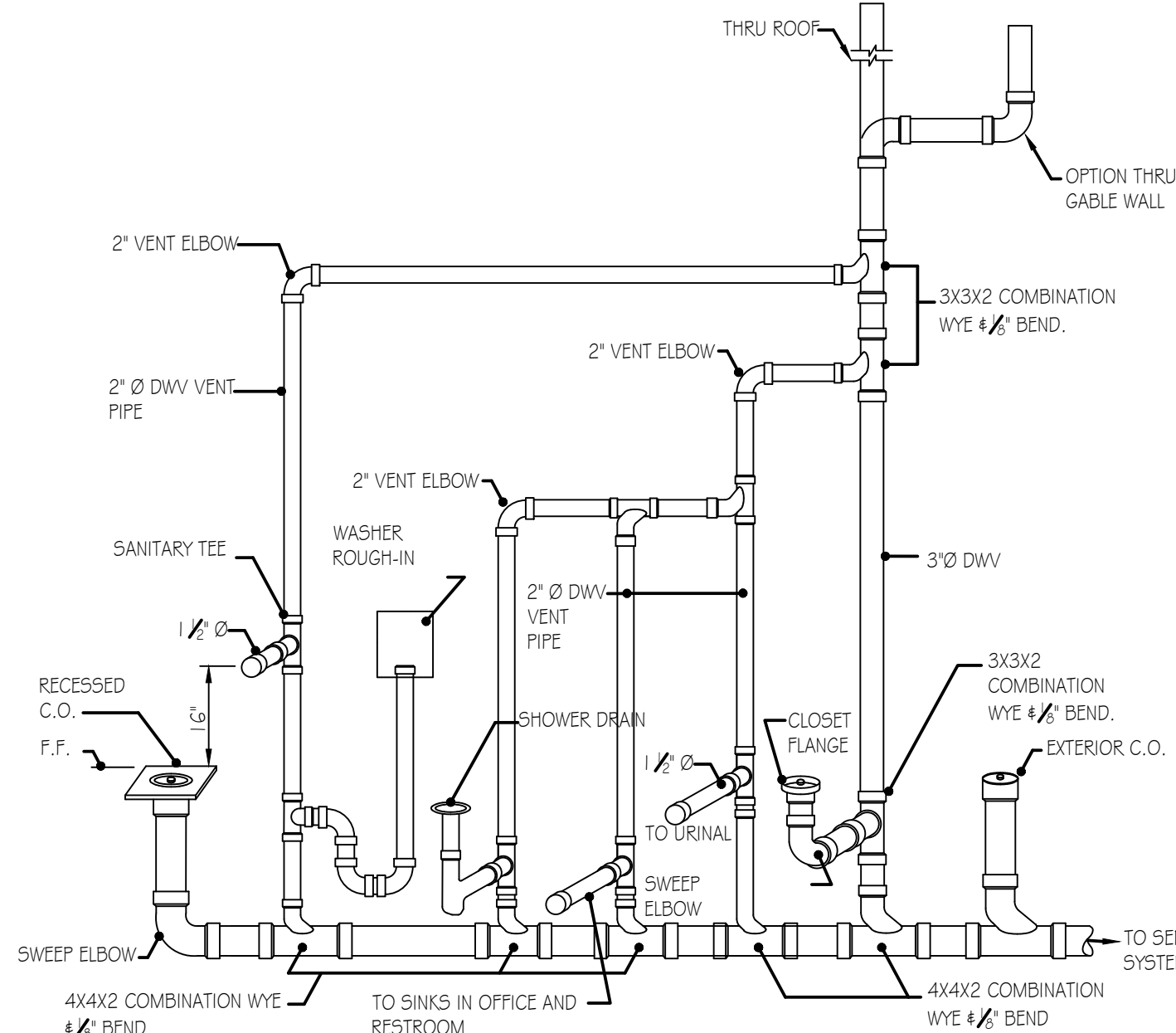
GENERAL NOTE:
MECHANICAL CONTRACTOR TO BE RESPONSIBLE FOR ALL LP SUPPLY LINES, REGULATORS, CONNECTIONS, ETC TO GAS UNIT LOCATIONS.



PENNSYLVANIA GAME COMMISSION		
SGL # 121	WOOD TOWNSHIP	HUNTINGDON COUNTY
NEW 40x100' CREW HEADQUARTERS BUILDING		
MECHANICAL FLOOR PLAN AND DETAILS		
REVISIONS	PROJECT NO.	PGC-121-24-01
	DRAWN BY:	M. SPOTTS
	DATE:	4/1/2025
	SHEET NO.	M-1



WATER SUPPLY ISOMETRIC
NO SCALE



MAIN SEWAGE SCHEMATIC
NO SCALE

PLUMBING PLAN LEGEND

- DOMESTIC COLD WATER SUPPLY PIPING SHALL BE BLUE NON-OXYGEN BARRIER PEX-A CONFORMING WITH ASTM F876, ASTM F877 AND NSF 14.
- DOMESTIC HOT WATER SUPPLY PIPING SHALL BE RED NON-OXYGEN BARRIER PEX-A CONFORMING WITH ASTM F876, ASTM F877 AND NSF 14.

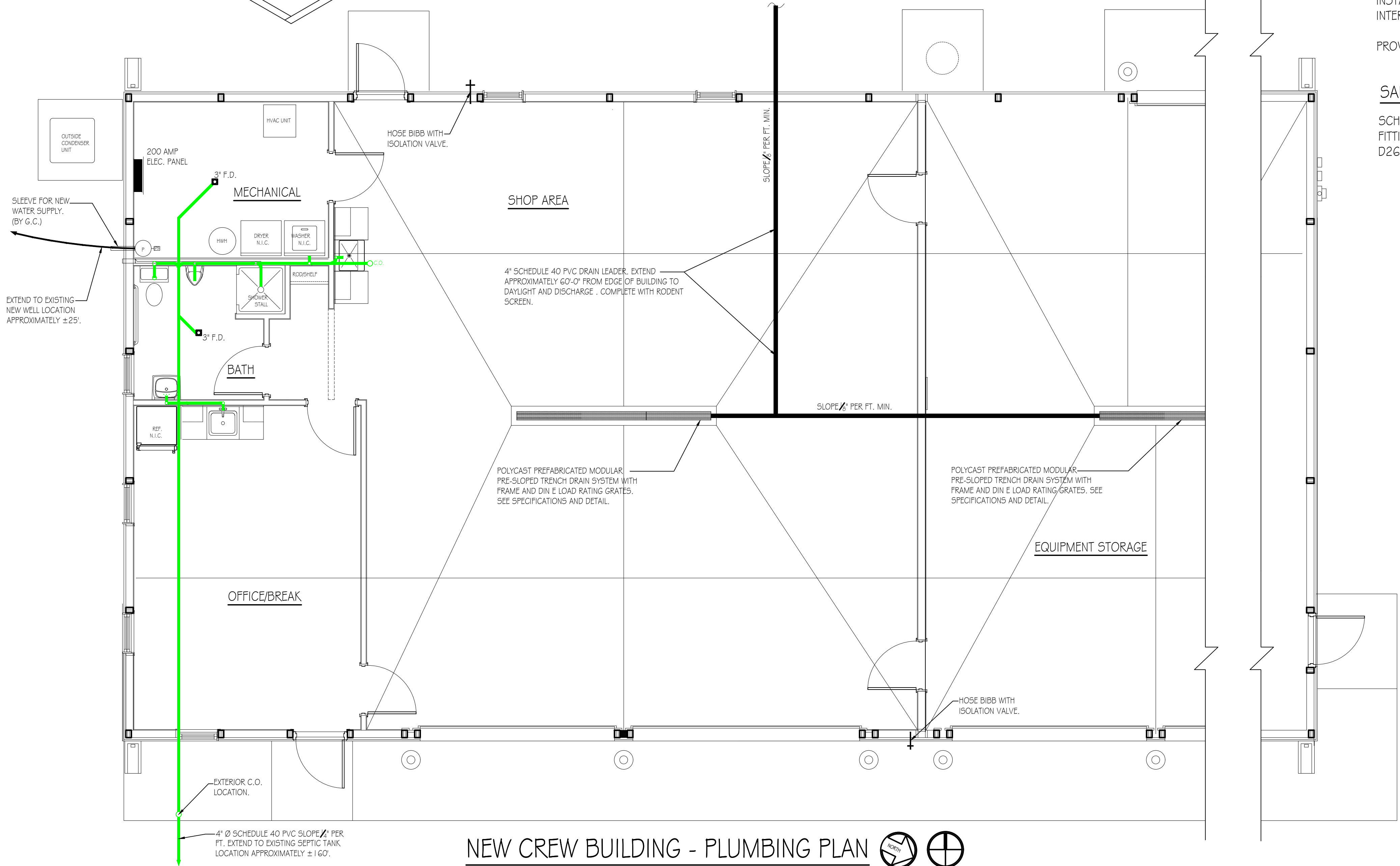
NOTE:
ALL PIPING SHALL BE 1/2" DIAMETER UNLESS NOTED OTHERWISE. FURNISH AND INSTALL FITTINGS AND VALVES APPROVED BY THE PEX-A PIPING MANUFACTURER.

INSTALL PLUMBING PIPING CONFORMING TO ALL APPLICABLE INTERNATIONAL PLUMBING CODES (IPC), 2018 EDITION.

PROVIDE ALL TESTING AS REQUIRED BY CODE OFFICIAL.

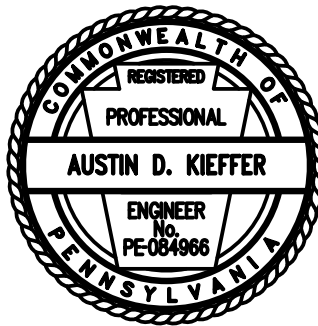
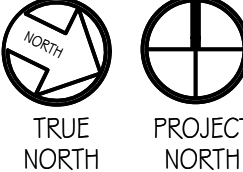
SANITARY SEWER PLUMBING PLAN LEGEND

- SCHEDULE 40 PVC SEWAGE DRAIN PIPING AND FITTINGS CONFORMING TO ASTM D1784, D1785 & D2665.



NEW CREW BUILDING - PLUMBING PLAN

SCALE: 1/4" = 1'-0"



PENNSYLVANIA GAME COMMISSION

SGL # 121	WOOD TOWNSHIP	HUNTINGDON COUNTY
NEW 40x100' CREW HEADQUARTERS BUILDING		
PLUMBING FLOOR PLAN, ELEVATIONS & DETAILS		
REVISIONS	PROJECT NO.	PGC-121-24-01
	DRAWN BY:	M. SPOTTS
	DATE:	4/1/2025
	SHEET NO.	P-1

Circuit No.	Circuit Breakers		200 AMP Main Service Breaker	Wiring	Conduit
	Poles	Amps		No./Size	Size
*1,3	2	50	220 VOLT OUTLET (WELDER)	3 - #6	1-1/4"
2,4	2	30	220 VOLT OUTLET (AIR COMPRESSOR)	3 - #10	3/4"
*5,7	2	50	220 VOLT OUTLET (WELDER)	3 - #6	1-1/4"
6,8	2	30	220 VOLT OUTLET (AIR COMPRESSOR)	3 - #10	3/4"
9,11	2	40	HVAC OUTSIDE UNIT	3 - #8	1"
10,12	2	60	HVAC INSIDE AIR HANDLER UNIT HEAT STRIP	Verify w/ M.C.	Verify
13,15	2	30	HVAC INSIDE AIR HANDLER UNIT	3 - #10	3/4"
14,16	2	30	WATER HEATER	3 - #10	3/4"
17,19	2	30	MECHANICAL ROOM DRYER RECEPTACLE	3 - #10	3/4"
18	1	20	SERVICE PANEL RECEPTACLE	3 - #12	3/4"
20	1	20	SHOP AREA SINK/MECHANICAL RECEPTACES/WIGFI PROTECTION	3 - #12	3/4"
21	1	20	SHOP AREA RECEPTACES WIGFI PROTECTION	3 - #12	3/4"
22	1	20	SHOP AREA RECEPTACES WIGFI PROTECTION	3 - #12	3/4"
23	1	20	SHOP AREA RECEPTACES WIGFI PROTECTION	3 - #12	3/4"
24	1	20	SHOP ROOM GENERAL LIGHTING	3 - #12	3/4"
25	1	20	OFFICE/BREAK, BATH, 4 MECH. LIGHTING	3 - #12	3/4"
26	1	20	OFFICE/BREAK SINK, BATH SINK GFI RECEPTACES	3 - #12	3/4"
27	1	20	OFFICE/BREAK RECEPTACES	3 - #12	3/4"
28	1	20	REFRIGERATOR RECEPTACES	3 - #12	3/4"
29	1	20	MICROWAVE	3 - #12	3/4"
30	1	20	EQUIPMENT STORAGE RECEPTACES	3 - #12	3/4"
31	1	20	EQUIPMENT STORAGE RECEPTACES	3 - #12	3/4"
32	1	20	EQUIPMENT STORAGE RECEPTACES	3 - #12	3/4"
33	1	20	EQUIPMENT STORAGE AREA LIGHTING	3 - #12	3/4"
34	1	20	GAS HEATER	3 - #12	3/4"
35	1	20	WASHING MACHINE RECEPTACLE	3 - #12	3/4"
36-38	2	20	GARAGE OPENER RECEPTACES	3 - #12	3/4"
37-39	2	20	WELL PUMP	3 - #12	3/4"
40	1	20	FUTURE WATER TREATMENT RECEPTACLE	3 - #12	3/4"
41-42			SPARE SPACES		

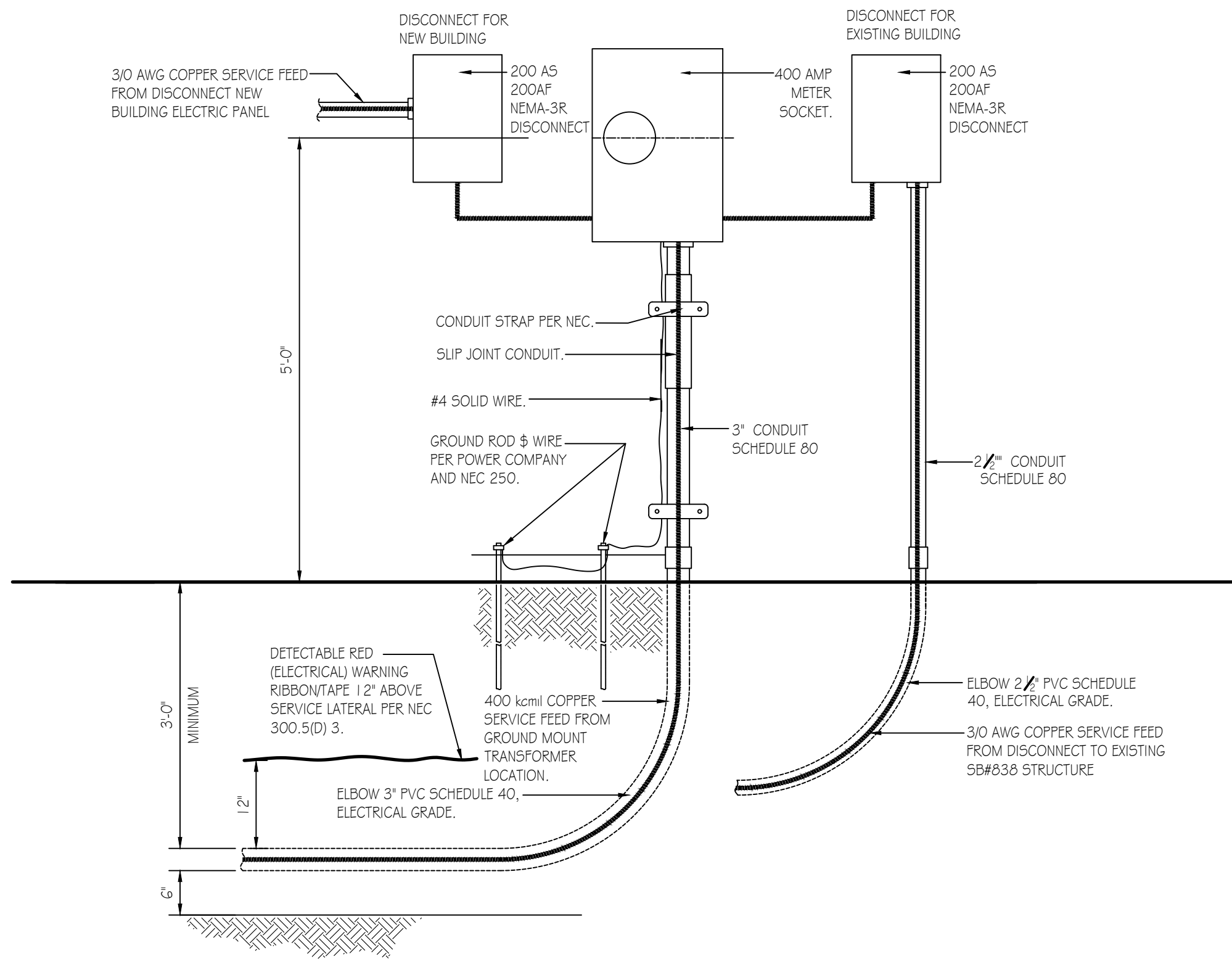
1,3-Match receptacle to welder
5,7-Match receptacle to welder

LIGHTING FIXTURE SCHEDULE			
MARK	QTY	FIXTURE TYPE	MODEL
A	4	2' X 4' LED PANEL	SIIMKAR LPD2450L4DU1
B	13	15.25" X 22" 4 LAMP LED HIGH BAY	LITHONIA IBH 1500LM 5D080 MD QZ10 40K 60 CRI
C	2	2' INTEGRATED LED WALL MOUNT VANITY LIGHT (18 WATT)	LITHONIA FMV7SL 3000K
D	6	SECURITY PHOTOCELL WALL MOUNT/OUTSIDE UNIT 18 WATT LED	LITHONIA TWS LED P1 50K MVOLT PDE DDB M4
E	3	EXIT & EMERGENCY COMBO LIGHT W/BATTERIES & REMOTE HEAD	LITHONIA ECRLEDO MG WELA LED WP M1 2
F	1	2' X 2' LED PANEL	SIIMKAR LPD2240L4DU1
G	1	110 CFM, LED LIGHT (111 WATT) CEILING MOUNT EXHAUST FAN	BROAN AR110QVW

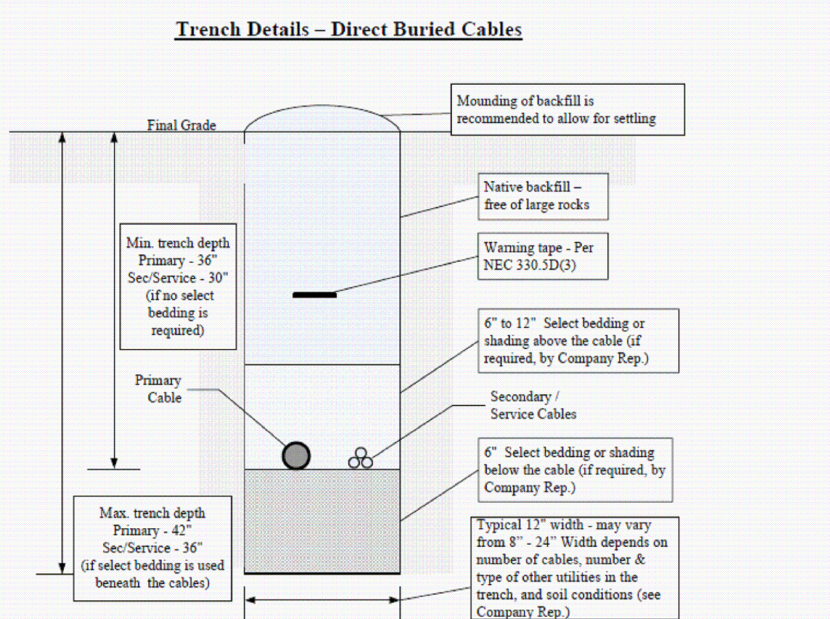
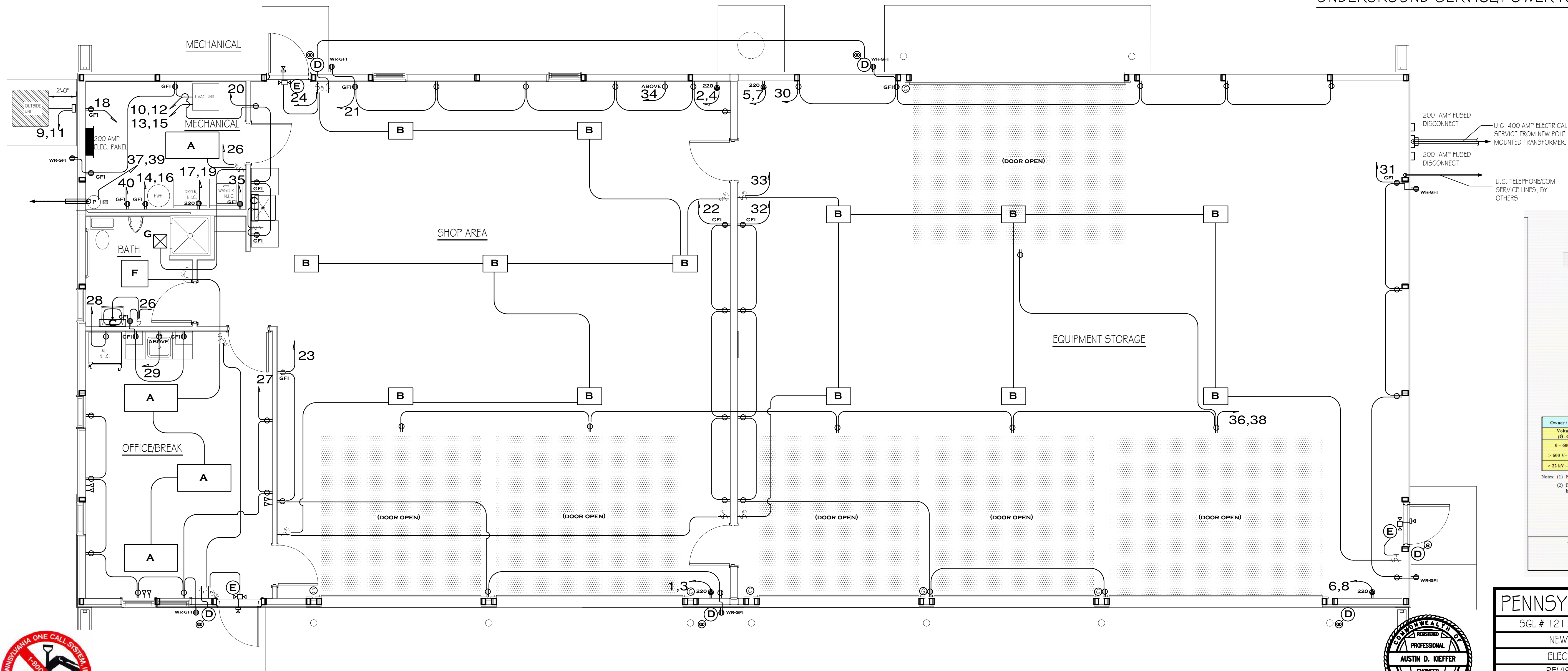
	GFI-WATER RESISTANT-RECEPTACLE
	GFI RECEPTACLE
	DUPLEX OUTLET, SPLIT CIRCUIT
	DUPLEX OUTLET
	50 AMP, 220 VOLT OUTLET, WELDER (VERITY TYPE # LOCATION WITH PGC)
	30 AMP, 220 VOLT OUTLET
	30 AMP, 220 VOLT OUTLET (DRYER)
	HOME RUN/CIRCUIT #
	TELECOMMUNICATIONS OUTLET
	JUNCTION BOX
	PHOTO CELL
	EXIT LIGHTING /BATTERIES
	SWITCH
	3 SWITCH, 3 WAY
	3 SWITCH, 4 WAY
	OCCUPANCY, OCCUPANCY SENSOR
	PRESSURE SWITCH
	WATER PUMP
	GARAGE DOOR OPENER

1. FURNISH AND INSTALL SOLID COPPER CONDUCTORS AS SPECIFIED; NO ALUMINUM AND NO STRANDED. MC CABLE IS APPROVED FOR ALL HOME RUN CIRCUITS IF NEATLY INSTALLED.
2. ALL CONDUCTORS FOR 120V CIRCUITS OVER 100' IN LENGTH SHALL BE MINIMUM #10AWG. ALL CONDUCTORS FOR 120V CIRCUITS OVER 150' IN LENGTH SHALL BE MINIMUM #8AWG. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF FINAL CIRCUIT LENGTHS AND CORRESPONDING WIRE SIZE TO ENSURE VOLTAGE DROP IS MAINTAINED WITHIN NEC LIMITS.
3. ALL WORK SHALL BE PERFORMED AS REQUIRED BY APPLICABLE SECTION OF THE NATIONAL ELECTRICAL CODE (NEC), LATEST EDITION, AND ALL GOVERNING UCC BUILDING CODES AND REGULATIONS.
4. PROVIDE GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS. ELECTRICAL COMPONENTS, DEVICES AND ACCESSORIES SHALL BE LISTED AND LABELED AS DEFINED IN NFPA 70 AND COMPLY WITH UL 467 FOR GROUNDING AND BONDING MATERIALS AND EQUIPMENT. INSTALL INSULATED EQUIPMENT GROUNDING CONDUCTORS ALL FEEDERS AND BRANCH CIRCUITS, LIGHTING CIRCUITS, RECEPTACLE CIRCUITS SINGLE PHASE MOTOR AND APPLIANCE BRANCH CIRCUITS, ARMORED AND METAL-CLAD CABLE RUNS AND AS REQUIRED BY NFPA 70.
5. PROVIDE ALL HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS, INCLUDING STEEL SLOTTED SUPPORT SYSTEMS, CONDUIT AND CABLE SUPPORT DEVICES, SUPPORTS FOR CONDUCTORS IN VERTICAL CONDUIT. HANGERS AND SUPPORTS SHALL HAVE A FLAME RATING OF CLASS A AND BE SELF-EXTINGUISHING ACCORDING TO ASTM D 635.
6. PROVIDE CAT6 WIRE LABELED AND RAN FROM EACH DATA BOX TO MECHANICAL ROOM. PROVIDE 12' ADDITIONAL COILED LENGTH IN MECHANICAL ROOM FOR EACH RUN.
7. MOUNT COMBINATION EXTREMELY EMERGENCY LIGHTING UNITS TO THE LIGHTING BRANCH CIRCUIT IN THE ROOM IT IS SERVING ON THE LINE SIDE OF ANY SWITCHES.
8. VERIFY EXACT MOUNTING LOCATIONS AND HEIGHTS OF DISCONNECT AND EXTERIOR RECEPTACLES FOR FREEZER AND COOLER WITH MANUFACTURER IN FIELD.
9. PROVIDE TYPE-2 SURGE PROTECTION FOR THE ENTIRE ELECTRIC PANEL TO MEET NEC CODE.

WASHER	36"
DRYER	36"
OFFICE RECEPTACLES AND TELEPHONE	18"
ALL SWITCHES AND OTHER RECEPTACLES	48"



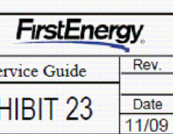
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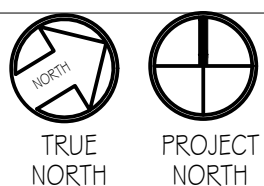
Owner / Code	Customer Installed Facilities / NEC ⁽¹⁾				Company / NESC
Voltage (0- 0)	Direct Buried	Rigid Metallic Conduit (RMC)	Rigid Nonmetallic Conduit (RNC)	Street / Road Parking Lot ⁽²⁾	Direct Buried
0 - 600 V	24	6	18	24	24
> 600 V - 22 kV	30	6	18	24	30
> 22 kV - 40 kV	36	6	24	24	30

Notes: (1) FEOC typically requires an additional 6 inches of cover to allow for variation in final grade.
(2) For cables located beneath roads under Penn DOT jurisdiction, cables must be installed in conduit and have a minimum of 36 inches of cover.

TRENCH DETAILS FOR DIRECT BURIED CABLES



SCALE: $1/4" = 1'-0"$



SGL # 121	WOOD TOWNSHIP	HUNTINGDON COUNTY
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NEW 40'x100' CREW HEADQUARTERS BUILDING

ELECTRICAL FLOOR PLAN, SCHEDULES & DETAILS

REVISIONS

PROJECT NO. PGC-121-24-01

DRAWN BY: M. SPOTTS

DATE: 4/1/2025

SHEET NO. E-1

