

# PENNSYLVANIA GAME COMMISSION

## PROJECT NO. PGC-050-24-01

### STATE GAME LANDS #050

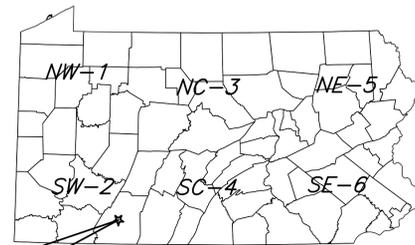
# NEW 40' x 100' CREW HEADQUARTERS BUILDING

SOMERSET TOWNSHIP, SOMERSET COUNTY, PENNSYLVANIA

**CONTRACT NO. 1: GENERAL CONSTRUCTION**      **CONTRACT NO. 3: PLUMBING CONSTRUCTION**  
**CONTRACT NO. 2: MECHANICAL CONSTRUCTION**      **CONTRACT NO. 4: ELECTRICAL CONSTRUCTION**

#### SITE PLAN GENERAL NOTES:

- UTILITY LINE LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. UNDERGROUND TELEPHONE, ELECTRIC, GAS, SANITARY SEWER, WATER AND STORMWATER DRAINAGE LINES MAY BE PRESENT AT SOME WORK LOCATIONS. FIELD VERIFICATION IS REQUIRED PRIOR TO ANY CONSTRUCTION. CONTACT PA ONE CALL AND COMPLY WITH ACT 287 (AS AMENDED) REGARDING LOCATIONS OF UNDERGROUND UTILITIES.
- ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF PENNDOT, THE LOCAL MUNICIPALITY AND THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL COORDINATE WITH AFFECTED UTILITY COMPANIES IN THE EVENT ITEMS SUCH AS TEMPORARY POLE SUPPORT IS REQUIRED. THIS WORK SHALL BE COMPLETED AT NO ADDITIONAL COST TO THE OWNER.
- EXISTING DRAINAGE FACILITIES SHALL REMAIN INTACT DURING CONSTRUCTION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ALL AREAS DISTURBED BY THE CONSTRUCTION WORK SHALL BE RESTORED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS TO THEIR ORIGINAL CONDITION OR BETTER.
- ALL DISTURBED AREAS NOT RECEIVING OTHER SURFACE TREATMENT SHALL BE GRADED, SEEDED, AND MULCHED.
- CONTRACTOR SHALL REFER TO CONTRACT DOCUMENTS FOR SOIL EROSION & SEDIMENTATION CONTROL PLAN REQUIREMENTS.
- MAINTAIN ACCESS TO DRIVEWAYS AND ENTRANCES LOCATED ALONG THE PROJECT.
- THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION VEHICLES (INCLUDING MATERIAL SUPPLIER VEHICLES) LEAVING THE PROJECT AREA HAVE MUD BUILDUP REMOVED FROM THE TIRES BEFORE EXITING ONTO PAVED ROADWAYS. ALL MUD TRACKED ONTO PAVED ROADWAYS SHALL BE IMMEDIATELY REMOVED FROM THE ROADWAY.



PROJECT LOCATION  
 STATE GAME LANDS No.050  
 772 BERLIN PLANK ROAD  
 SOMERSET, PA 15501

★ = GEO N39.989914, -79.050714°W

PROJECT MAP  
 NOT TO SCALE



PROJECT LOCATION  
 STATE GAME LANDS No.050  
 772 BERLIN PLANK ROAD  
 SOMERSET, PA 15501  
 SOMERSET COUNTY

PROJECT LOCATION PLAN  
 NOT TO SCALE

#### BUILDING CODE SUMMARY

Code: International Building Code, 2018 edition

Scope: Construction of a new 40' x 100' Crew Headquarters Building on State Game Lands No. 050 in Somerset Township, Somerset County. The new building shall include accommodations for PGC maintenance staff and storage of excavation equipment, implements and tools necessary for maintaining state game land grounds and roadways.

#### Summary:

Use & Occupancy Group: 304.1 B Building occupied portion for Office  
 3.11.1 S-1, Building portion used for Storage that are not S-2.

Construction Type: VB (Table 601)  
 New Building Area: 4,000 s.f.  
 Allowable Area: 9,000 s.f. (Table 506.2)  
 Building Stories: 1 Story, No basement, Allowable Stories: 1 Table 504.4)

Fire Protection: No fire suppression, not required.  
 Units of "A" = 4,000 / 1,500 = 2.66 ~ 3 (Table 906.3(1)) Fire extinguisher shall be provided at each of the three building exits.

Business, Occupancy Factor = 150 gross  
 502 S.F./150 = 3.34 ~ 3 persons

Storage, Occupancy Factor = 300 gross  
 3,498 S.F./300 = 11.66 ~ 12 persons

15 x 0.2 inches = 3 inches min. (1005.3.2).

3 Exits provided = 108 inches; 1 required (Table 1006.3.3(2))

Accessibility: Not required, agricultural building.

Energy Efficiency: Requesting exemption/variance from PA L&I, A.A.B.

Building/structure to be partially heated and air conditioned.

Heated area: Crew Area + Shop Area = 1,872 S.F.

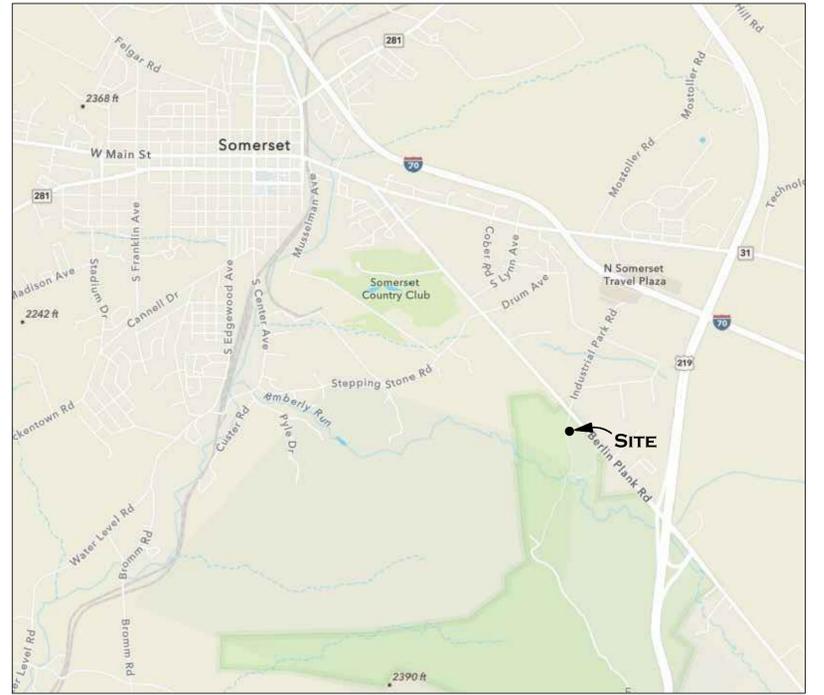
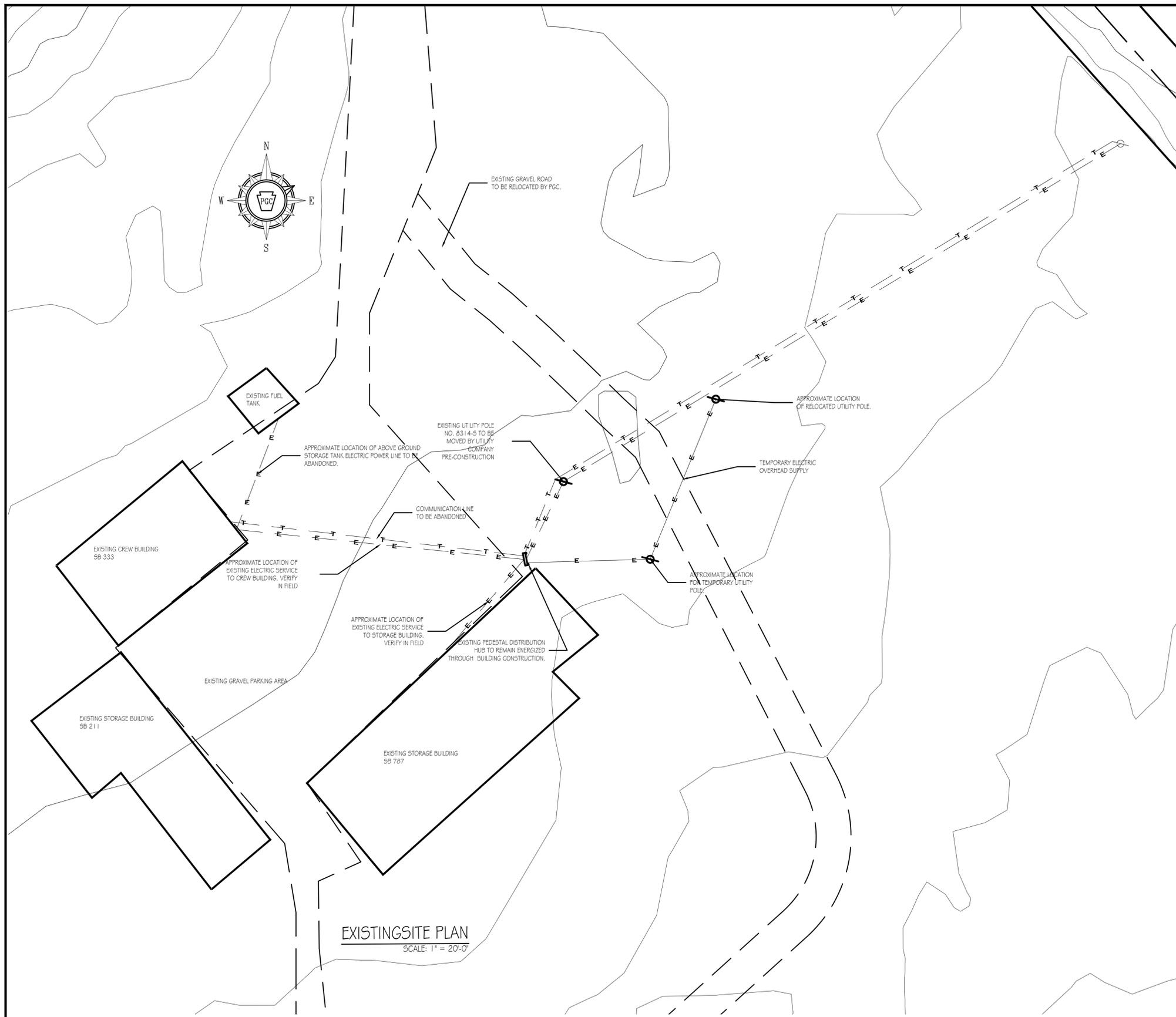
Truss Design Criteria: Roof trusses must have a roof load rating of 42.5 lbs/SF ground snow load (snow load factor of 0.7) and a (Risk Category II) wind load rating of 25 lbs/SF and wind speed rating of 115 MPH minimum.

#### DRAWING INDEX

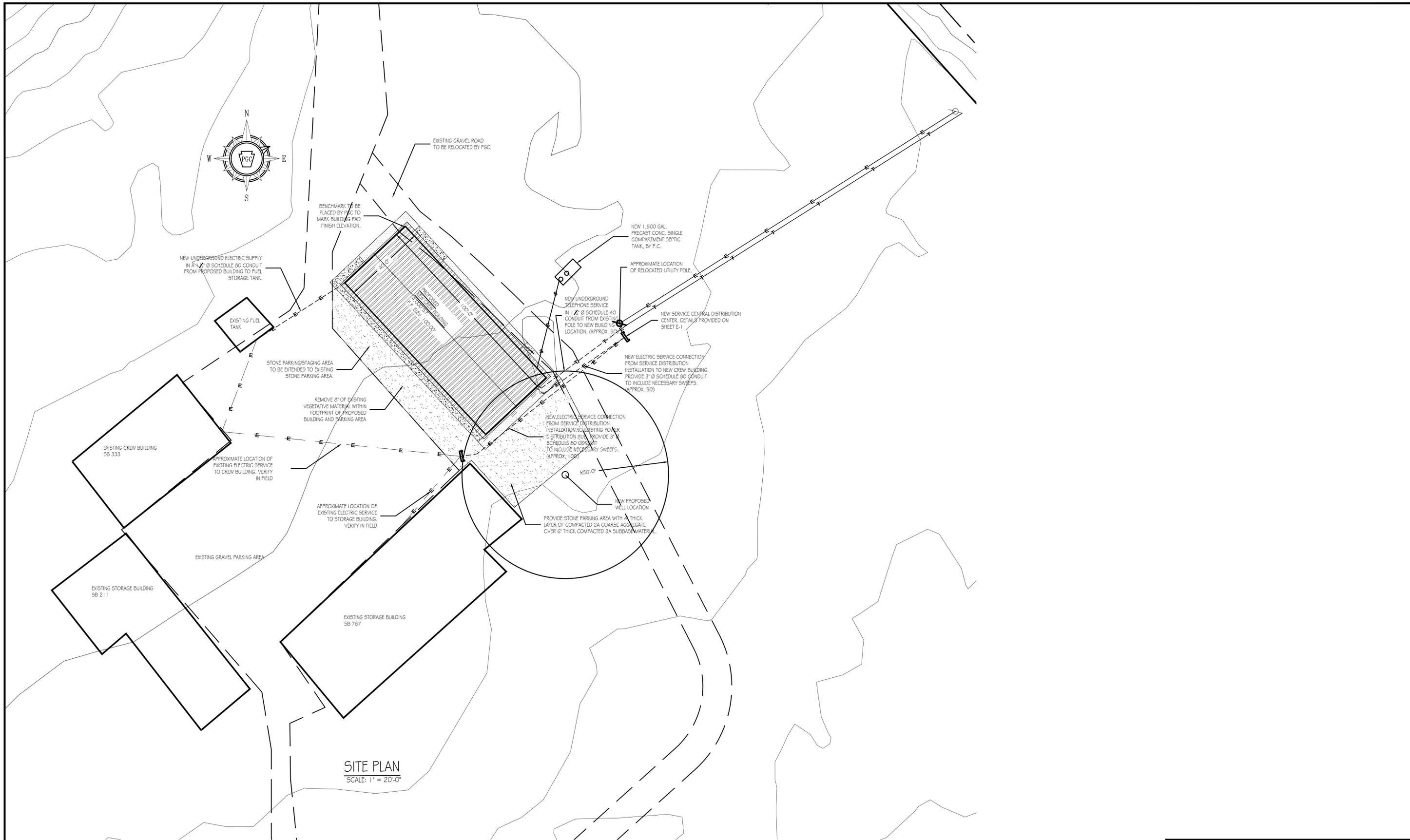
- CS-1 COVER SHEET
- SP-1 EXISTING SITE PLAN
- SP-2 BUILDING SITE PLAN
- A-1 BUILDING FLOOR PLAN
- A-2 ELEVATIONS, SCHEDULES & REFLECTED CEILING PLAN
- A-3 WALL SECTIONS & DETAILS
- A-4 SECTIONS & DETAILS
- P-1 PLUMBING FLOOR PLAN, ELEVATIONS, & DETAILS
- M-1 MECHANICAL FLOOR PLAN & DETAILS
- E-1 ELECTRICAL FLOOR PLAN, SCHEDULES & DETAILS
- E&S-1 EROSION AND SEDIMENT CONTROL PLAN



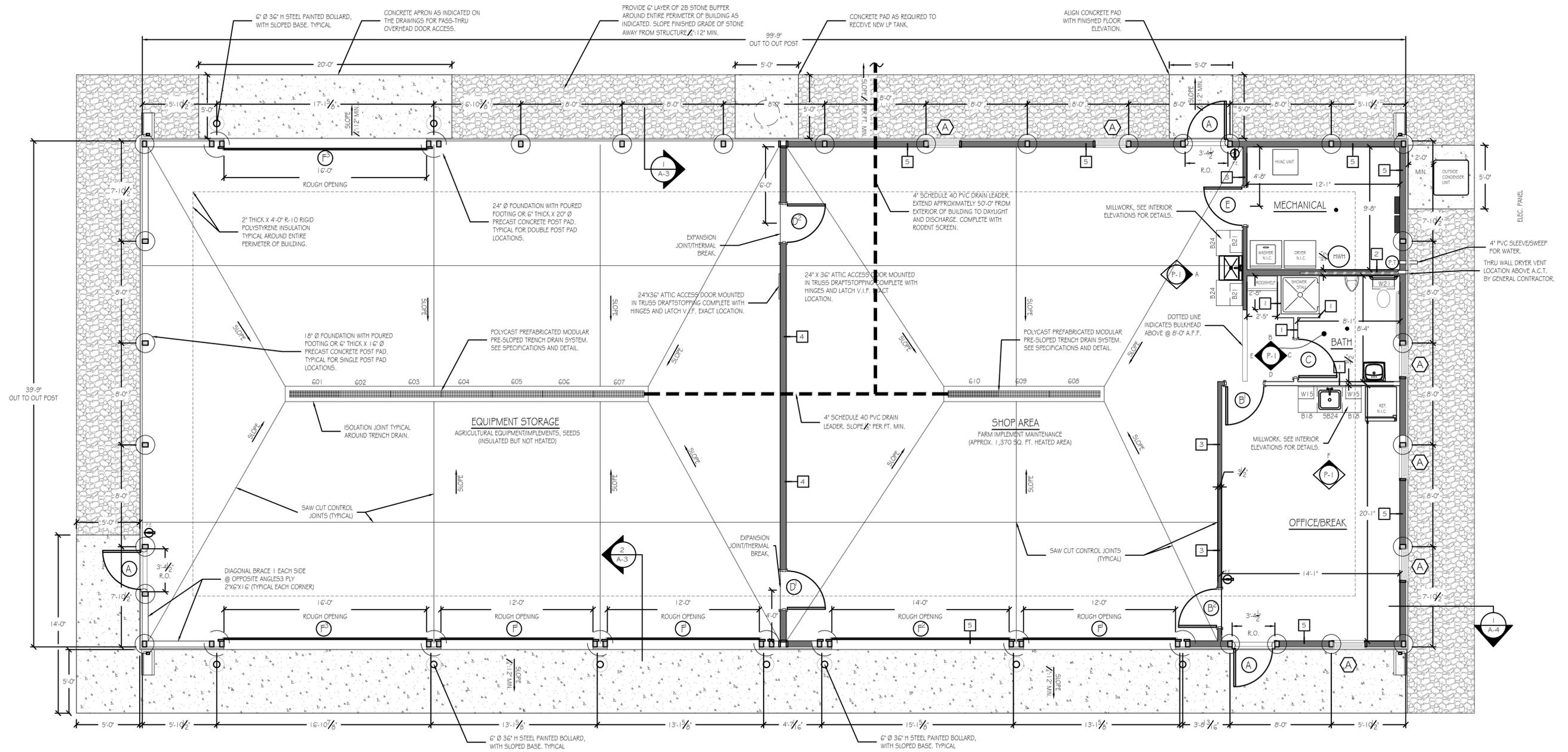
PENNSYLVANIA GAME COMMISSION		
STATE GAME LANDS # 050	SOMERSET TOWNSHIP	SOMERSET COUNTY
NEW 48' x 100' STORAGE BUILDING		
COVER SHEET		
REVISIONS	PROJECT NO.	PGC-050-24-01
	DRAWN BY:	Z. WHITENIGHT
	DATE:	8/27/2025
	SHEET NO.	CS-1



PENNSYLVANIA GAME COMMISSION		
STATE GAME LANDS # 050	SOMERSET TOWNSHIP	SOMERSET COUNTY
NEW 48' x 100' STORAGE BUILDING		
EXISTING SITE PLAN		
REVISIONS	PROJECT NO.	PGC-050-24-01
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	DATE:	8/27/2025
	SHEET NO.	5P-1



PENNSYLVANIA GAME COMMISSION		
STATE GAME LANDS # 050	SOMERSET TOWNSHIP	SOMERSET COUNTY
NEW 48' x 100' STORAGE BUILDING		
BUILDING SITE PLAN		
REVISIONS	PROJECT NO.	PGC-050-24-01
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	SHEET NO.	SP-2



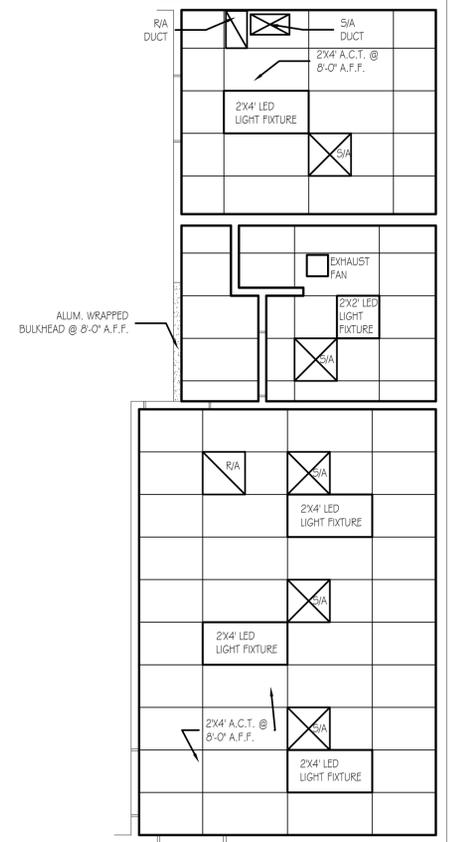
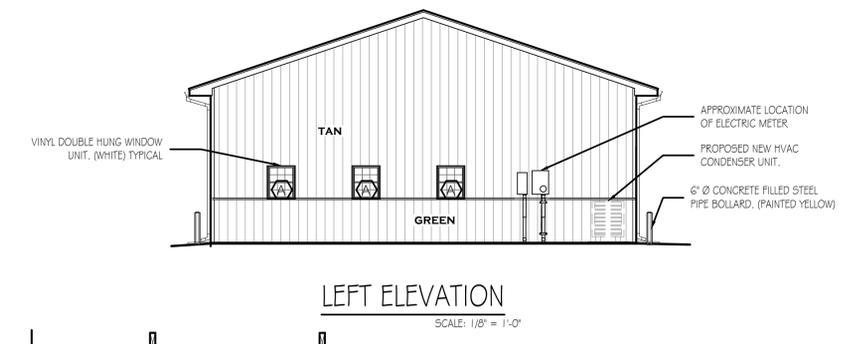
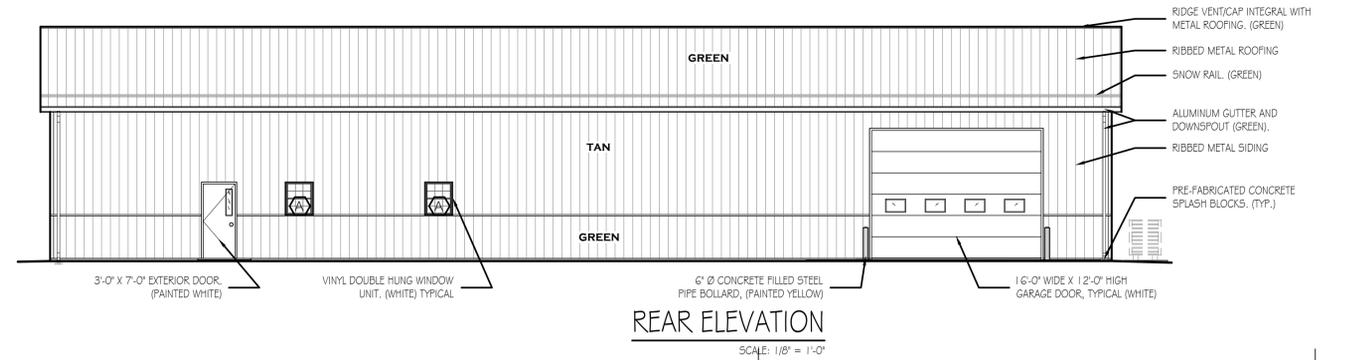
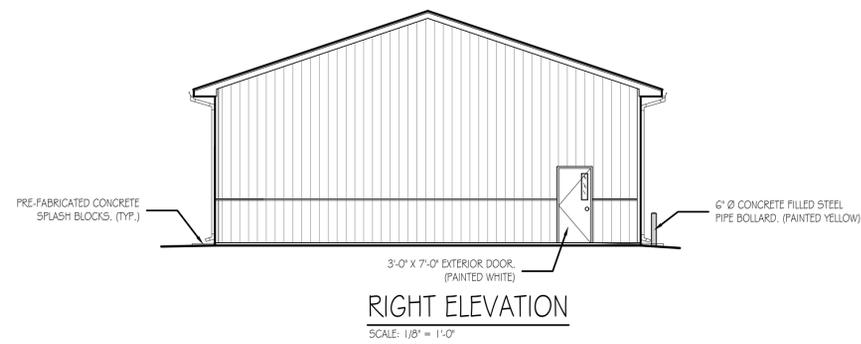
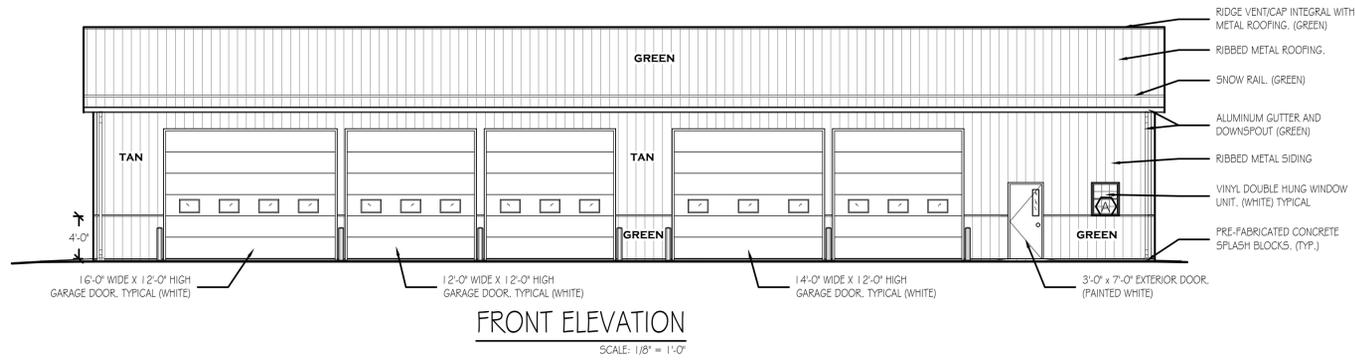
**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"  
TRUE NORTH PROJECT NORTH

**WALL LEGEND:**

- 1 2"x4" WOOD STUDS @ 16" O.C. EXTEND TOP OF WALL TO 1'-0" A.F.F. PROVIDE OSB OR PLYWOOD SHEATHING WITH FRP (FIBERGLASS REINFORCED WALL PANELS) WALL FINISH EXTENDED TO 8'-0" A.F.F. TYPICAL FOR BOTH SIDES.
- 2 2"x6" WOOD STUDS @ 16" O.C. EXTEND TOP OF WALL TO 1'-0" A.F.F. PROVIDE OSB OR PLYWOOD SHEATHING WITH FRP (FIBERGLASS REINFORCED WALL PANELS) WALL FINISH EXTENDED TO 8'-0" A.F.F. TYPICAL FOR BOTH SIDES.
- 3 2"x4" WOOD STUDS @ 16" O.C. EXTEND TO UNDERSIDE OF ROOF TRUSSES (APPROX ± 13'-9"). PROVIDE OSB OR PLYWOOD SHEATHING WITH FRP (FIBERGLASS REINFORCED WALL PANELS) WALL FINISH EXTENDED TO 8'-0" A.F.F. TYPICAL FOR OFFICE/BREAK, BATH & MECHANICAL ROOM SIDES. PROVIDE OSB OR PLYWOOD SHEATHING FULL HEIGHT WITH FRP FINISH EXTENDED TO 8'-0" A.F.F. AND METAL SIDING ABOVE EXTENDED TO METAL CEILING (SHOP AREA SIDE).
- 4 2"x6" WOOD STUDS @ 16" O.C. WITH R-20 BATT INSULATION (FULL HGT.) EXTEND TO UNDERSIDE OF ROOF TRUSSES (APPROX ± 13'-9"). PROVIDE OSB OR PLYWOOD SHEATHING WITH FRP (FIBERGLASS REINFORCED WALL PANELS) WALL FINISH EXTENDED TO 8'-0" A.F.F. AND METAL SIDING ABOVE EXTENDED TO THE CEILING TYPICAL FOR OFFICE/BREAK, BATH & MECHANICAL ROOM. PROVIDE OSB OR PLYWOOD SHEATHING FULL HEIGHT WITH FRP FINISH EXTENDED TO 8'-0" A.F.F. AND METAL SIDING ABOVE EXTENDED TO METAL CEILING (SHOP AREA SIDE). PROVIDE OSB OR PLYWOOD SHEATHING OVER 1" THICK R-5 INSULATION BOARD FULL HEIGHT TO UNDERSIDE OF TRUSSES. (EQUIPMENT STORAGE SIDE).
- 5 2"x6" WOOD INFILL STUDS BETWEEN LAMINATED SUPPORT COLUMNS/POSTS @ 16" O.C. FULL HEIGHT TO UNDERSIDE OF TRUSSES OR HEADER/TRUSS SEAT. WITH R-20 BATT INSULATION (FULL HGT.) PROVIDE OSB OR PLYWOOD SHEATHING FULL HEIGHT WITH FRP (FIBERGLASS REINFORCED WALL PANELS) WALL FINISH EXTENDED TO 8'-0" A.F.F. TYPICAL FOR OFFICE/BREAK, BATH & MECHANICAL ROOM SIDES. PROVIDE OSB OR PLYWOOD SHEATHING FULL HEIGHT WITH FRP FINISH EXTENDED TO 8'-0" A.F.F. AND METAL SIDING ABOVE EXTENDED TO METAL CEILING (SHOP AREA SIDE).



<b>PENNSYLVANIA GAME COMMISSION</b>		
STATE GAME LANDS # 050	SOMERSET TOWNSHIP	SOMERSET COUNTY
NEW 48' x 100' STORAGE BUILDING		
FLOOR PLAN		
REVISIONS	PROJECT NO.	PGC-050-24-01
	DRAWN BY:	Z. WHITENIGHT
	DATE:	8/27/2025
	SHEET NO.	A-1



MARK	TYPE	MANUFACTURER	ROUGH OPENING	COLOR	QTY.	REMARKS
A	I	VINYL	2'-6\"/>			

**WINDOW SCHEDULE NOTES:**

1) ALL WINDOWS TO BE COMPLETE WITH CLEAR LOW E GLASS W/ ARGON, INSECT SCREENS, GRILLES BETWEEN GLASS, INTEGRAL 1/2\"/>

2) EXTERIOR AND INTERIOR WINDOW COLOR TO BE WHITE.

3) SEE SPECIFICATIONS FOR ADDITIONAL WINDOW INFORMATION.

### WINDOW SCHEDULE

N.T.S.

MARK	TYPE	WIDTH	HGT.	THK.	HAND	QTY.	REMARKS
A	3	3'-0\"/>					

### DOOR SCHEDULE

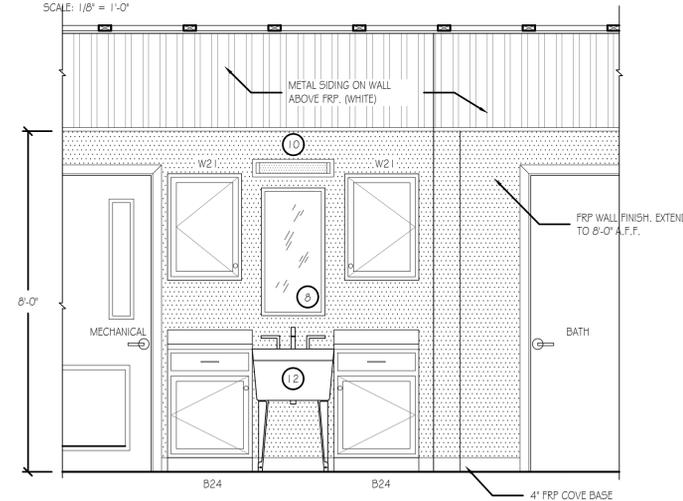
N.T.S.

MARK	TYPE	WIDTH	HGT.	THK.	HAND	QTY.	REMARKS
A	3	3'-0\"/>					

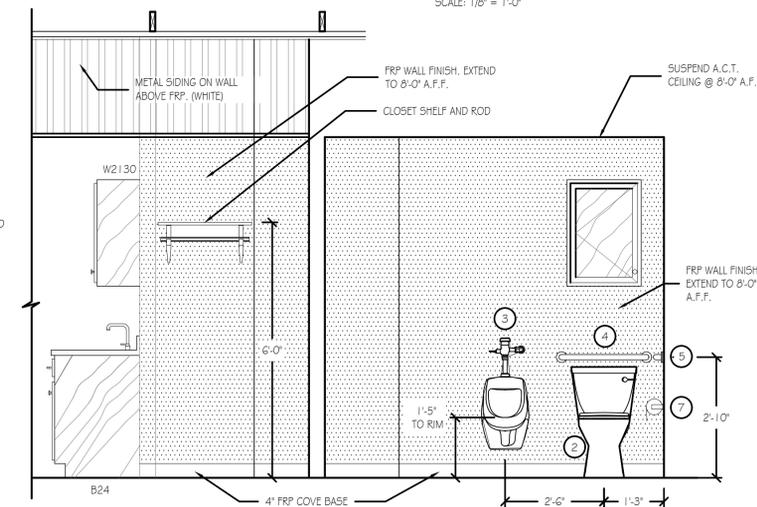
**DOOR SCHEDULE NOTES:**

1) ALL CORES TO BE BEST CORMAX, 7 PIN COMPATIBLE.

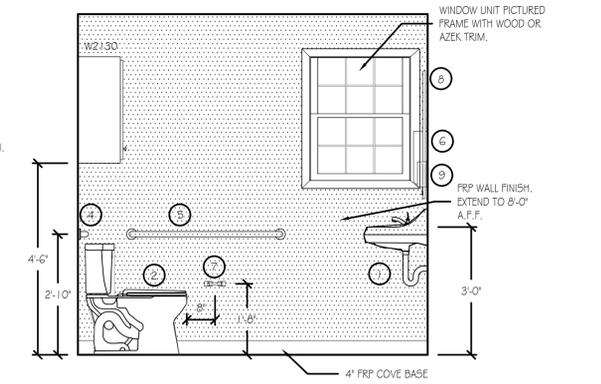
2) SEE PROJECT SPECIFICATIONS FOR DOOR FRAMES & DOOR HARDWARE REQUIRED.



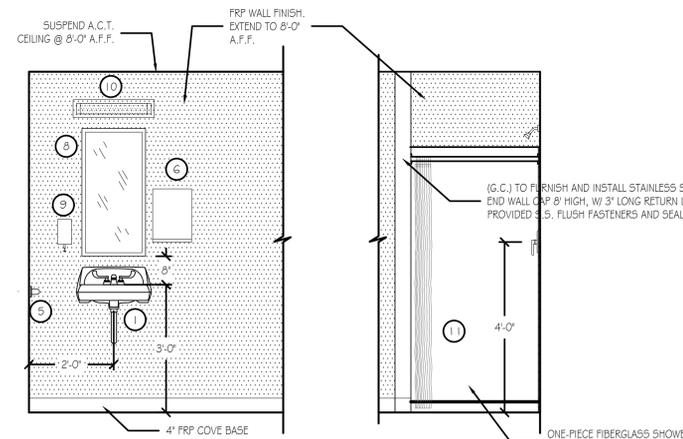
UTILITY AREA - ELEVATION "A"  
SCALE: 1/2" = 1'-0"



SHOP AREA/BATH - ELEVATION "B"  
SCALE: 1/2" = 1'-0"

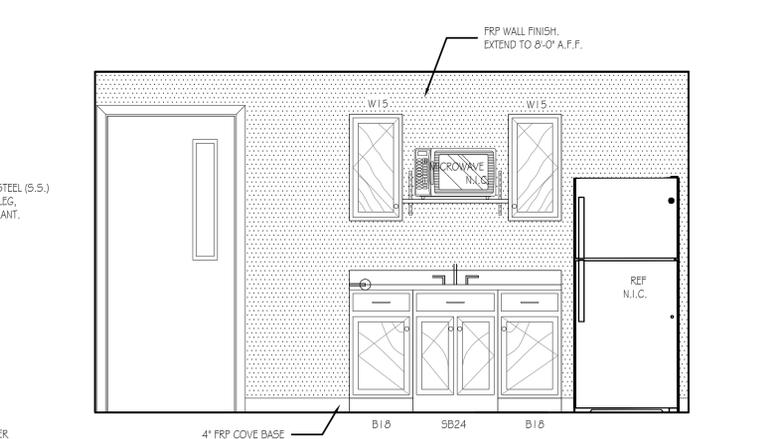


BATH - ELEVATION "C"  
SCALE: 1/2" = 1'-0"



BATH - ELEVATION "D"  
SCALE: 1/2" = 1'-0"

BATH - ELEVATION "E"  
SCALE: 1/2" = 1'-0"



OFFICE/BREAK ROOM - ELEVATION "F"  
SCALE: 1/2" = 1'-0"

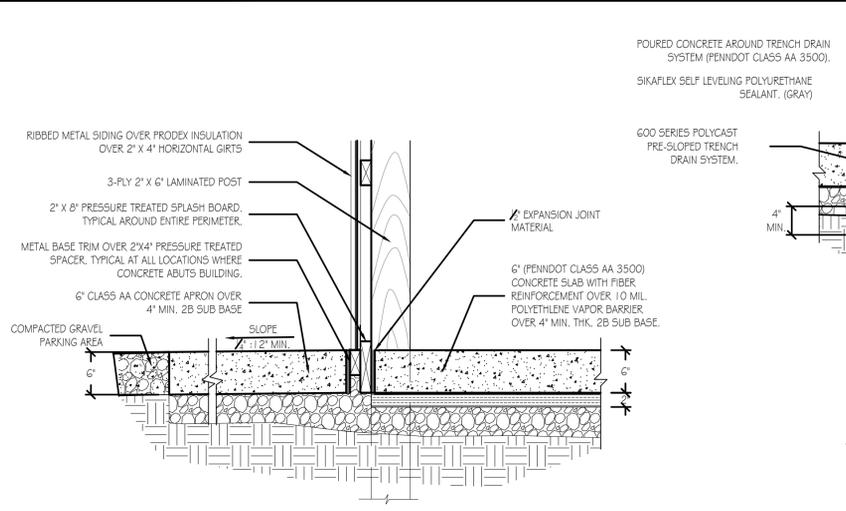
#### BRADLEY CORP. (FOR REF. ONLY) FIXTURE/ACCESSORY LEGEND

- 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 780-1836
- 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

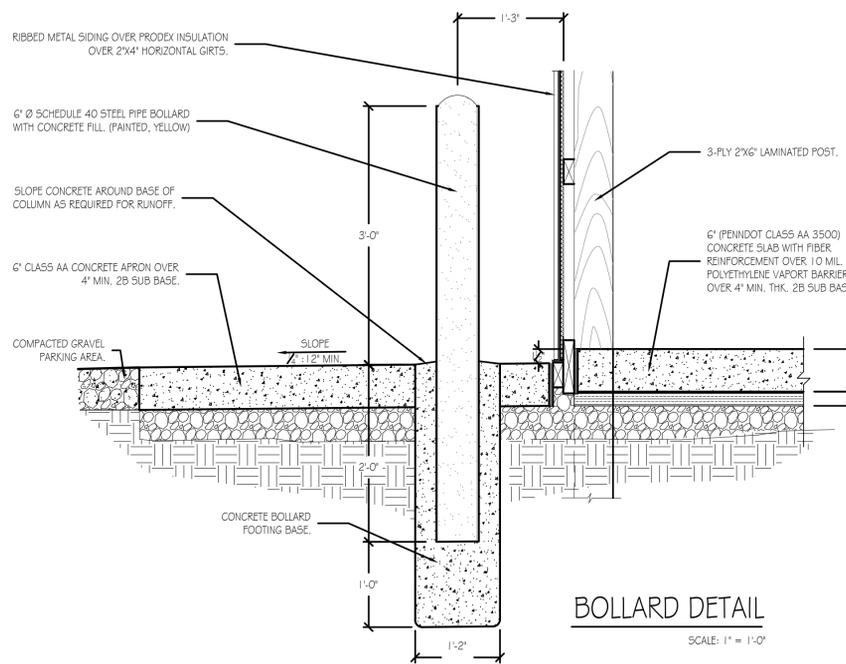


**PENNSYLVANIA GAME COMMISSION**  
STATE GAME LANDS # 050 | SOMERSET TOWNSHIP | SOMERSET COUNTY  
NEW 48' x 100' STORAGE BUILDING  
ELEVATIONS, SCHEDULES, REFLECTED CEILING PLAN & INTERIOR ELEVATIONS

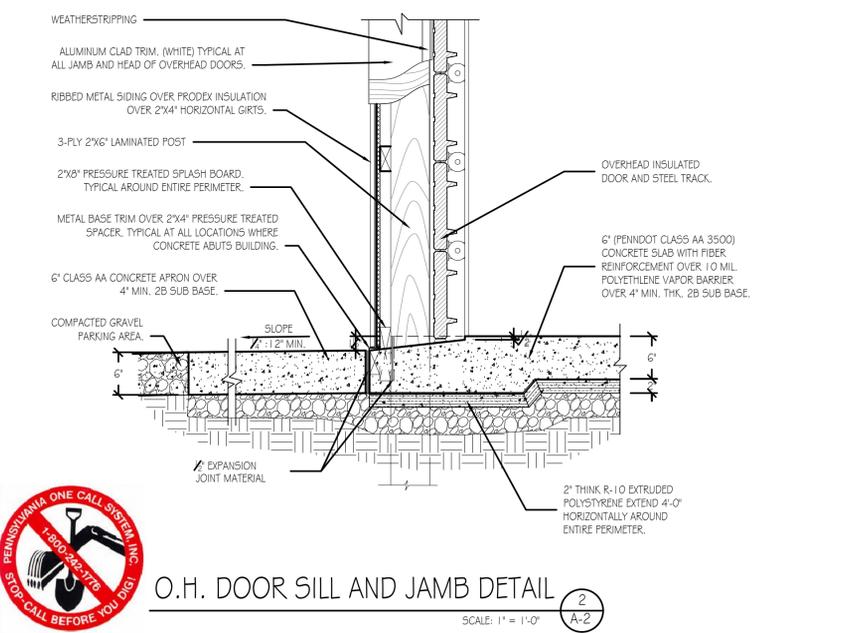
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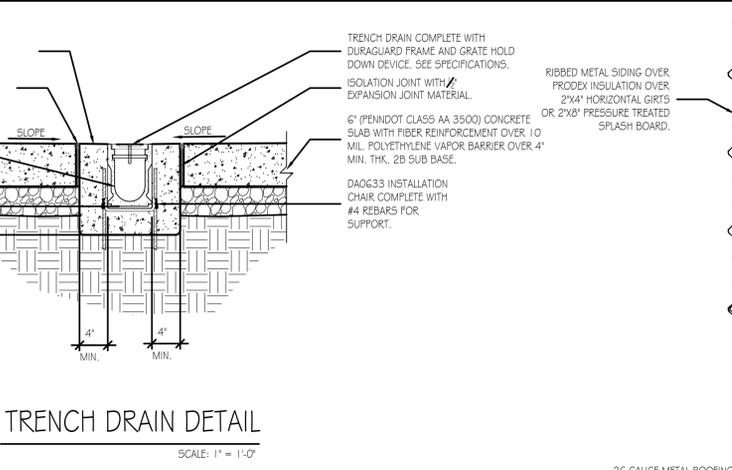
**DETAIL @ CONCRETE SIDEWALK**  
SCALE: 1" = 1'-0"



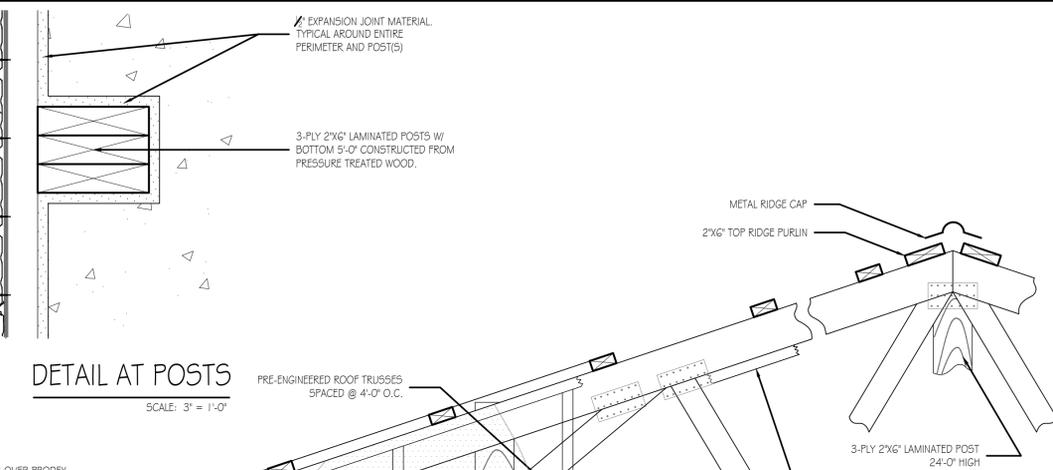
**BOLLARD DETAIL**  
SCALE: 1" = 1'-0"



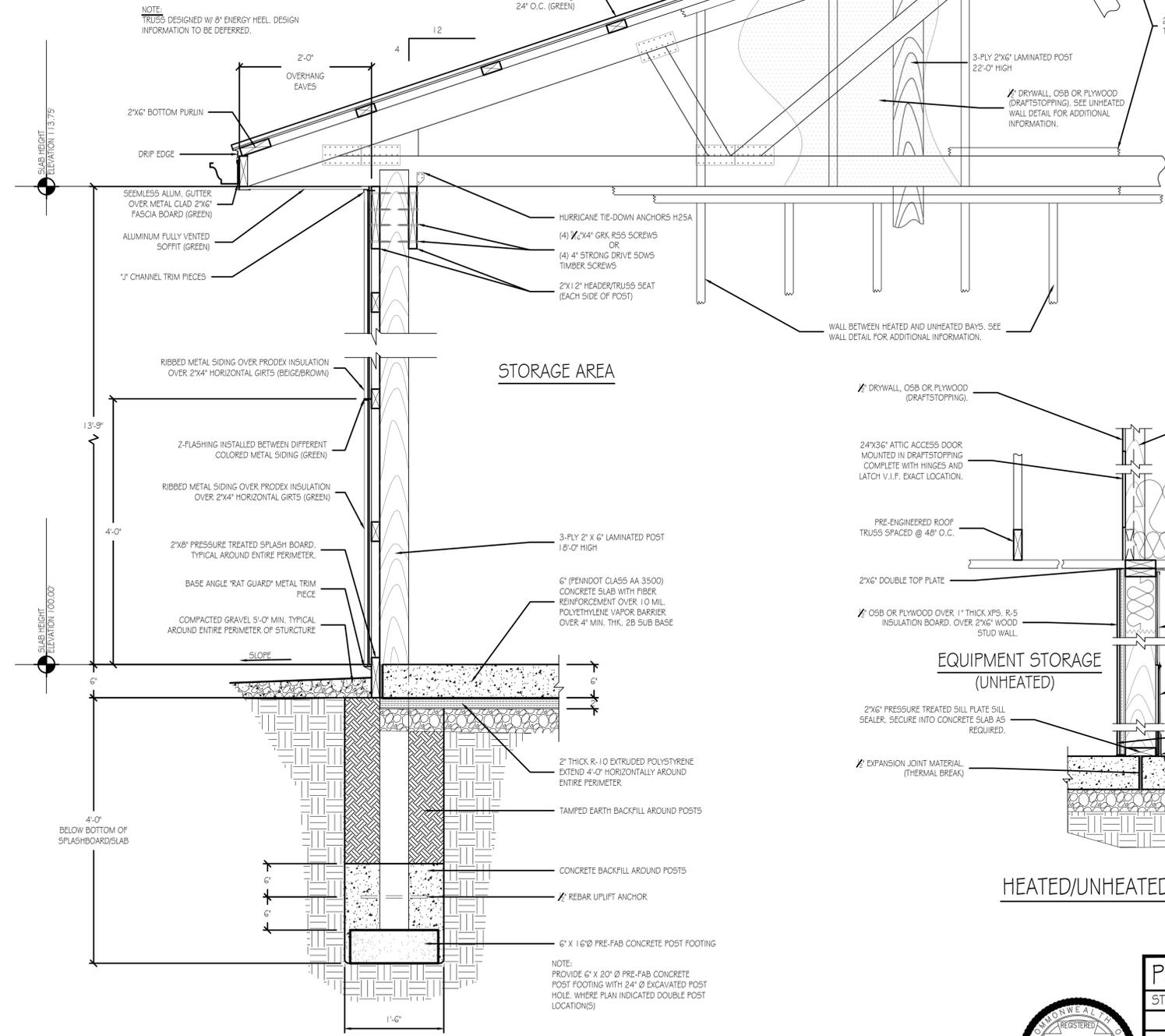
**O.H. DOOR SILL AND JAMB DETAIL**  
SCALE: 1" = 1'-0"



**TRENCH DRAIN DETAIL**  
SCALE: 1" = 1'-0"



**DETAIL AT POSTS**  
SCALE: 3" = 1'-0"



**WALL SECTION DETAIL**  
SCALE: 1" = 1'-0"

TRUSS DRAWING IS DEFERRED.  
NOTE: DESIGN LOADING (PSF)

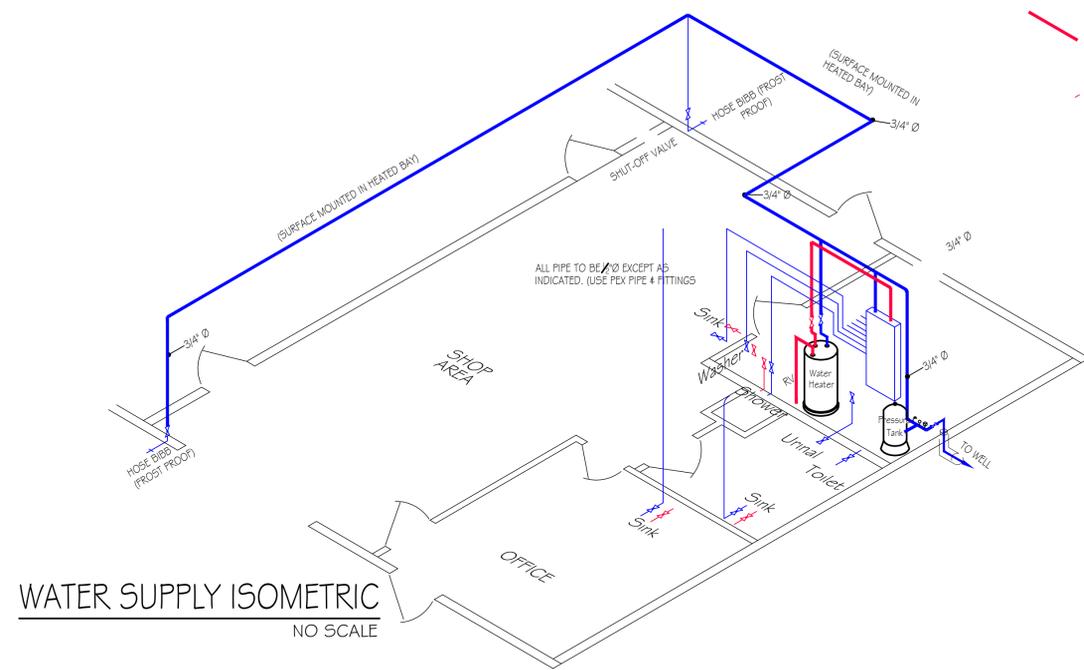
TCLL	30
SNOW	29.75/42
TCDL	5.0
BCLL	0.0
BCDL	10.0
SPACING	4-0-0



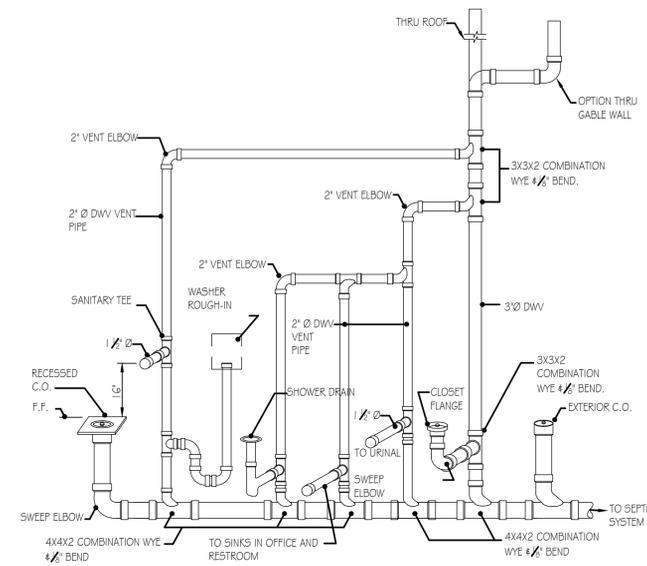
**PENNSYLVANIA GAME COMMISSION**  
STATE GAME LANDS # 050 | SOMERSET TOWNSHIP | SOMERSET COUNTY  
NEW 48' x 100' STORAGE BUILDING  
WALL SECTIONS & DETAILS

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**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 1.4.
- DOMESTIC HOT WATER SUPPLY PIPING SHALL BE RED NON-OXYGEN BARRIER PEX-A CONFORMING WITH ASTM F876, ASTM F877 AND NSF 1.4.

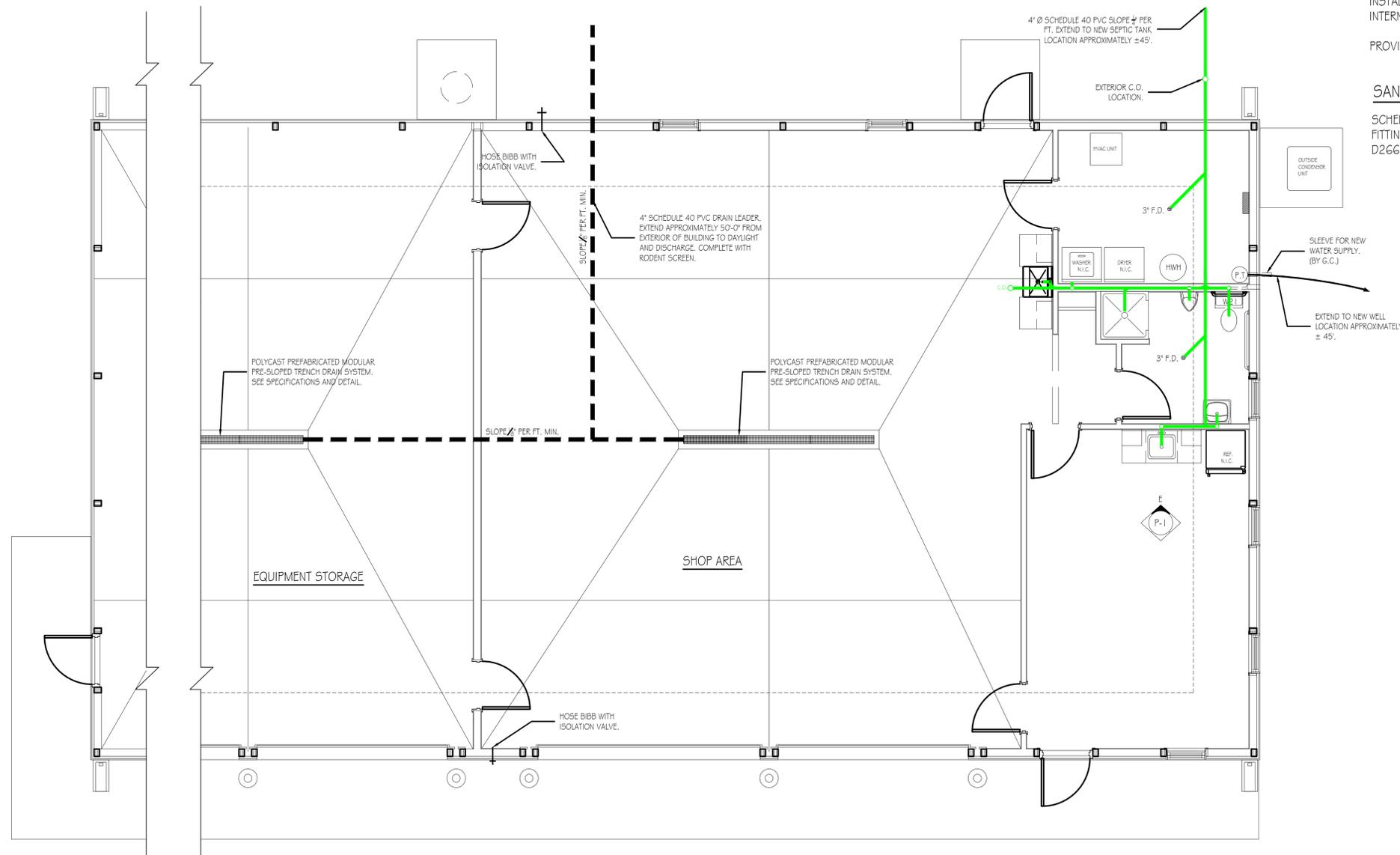
**NOTE:**  
ALL PIPING SHALL BE 1/2" DIAMETER UNLESS NOTED OTHERWISE. FURNISH AND INSTALL FITTINGS AND VALVES APPROVED BY THE PEX-A PIPING MANUFACTURER.

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"



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NEW 48' x 100' STORAGE BUILDING		
PLUMBING FLOOR PLAN, ELEVATIONS & DETAILS		
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LOAD CENTER: 200A SERVICE PANEL SCHEDULE VOLTAGE: 240/120V SERVICE FEEDER SIZE: (600kcmil) THHN 600 MCM COPPER

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

LIGHTING FIXTURE SCHEDULE

MARK	QTY	FIXTURE TYPE	MODEL
A	4	2' X 4' LED PANEL	SIMKAR LDP2450L4OU1
B	13	15.25" X 22" 4 LAMP LED HIGH BAY	LITHONIA IBI1 1500LM 5D0B0 MD OZ10 40K 80 CRI
C	2	2' INTEGRATED LED WALL MOUNT VANITY LIGHT (18 WATT)	LITHONIA FMVMTSL 3000K
D	5	SECURITY MOTION, WALL MOUNT/OUTSIDE UNIT	HEATH ZENITH SL-5630-BZ
E	3	EXIT 4 EMERGENCY COMBO LIGHT WBATTERIES + REMOTE HEAD	LITHONIA ECRLEDHO MG WELA LED WP M12
F	1	2' X 2' LED PANEL	SIMKAR LDP2240L4OU1
G	1	11.0 CFM, CEILING MOUNT EXHAUST FAN	BROAN AER 110K

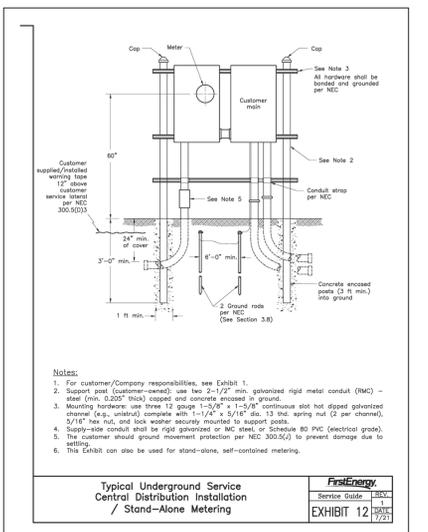
RECEPTACLE # SWITCH MOUNTING HEIGHTS

MICROWAVE	66"
WASHER	36"
DRYER	36"
OFFICE RECEPTACLES AND TELEPHONE	18"
ALL SWITCHES AND OTHER RECEPTACLES	48"

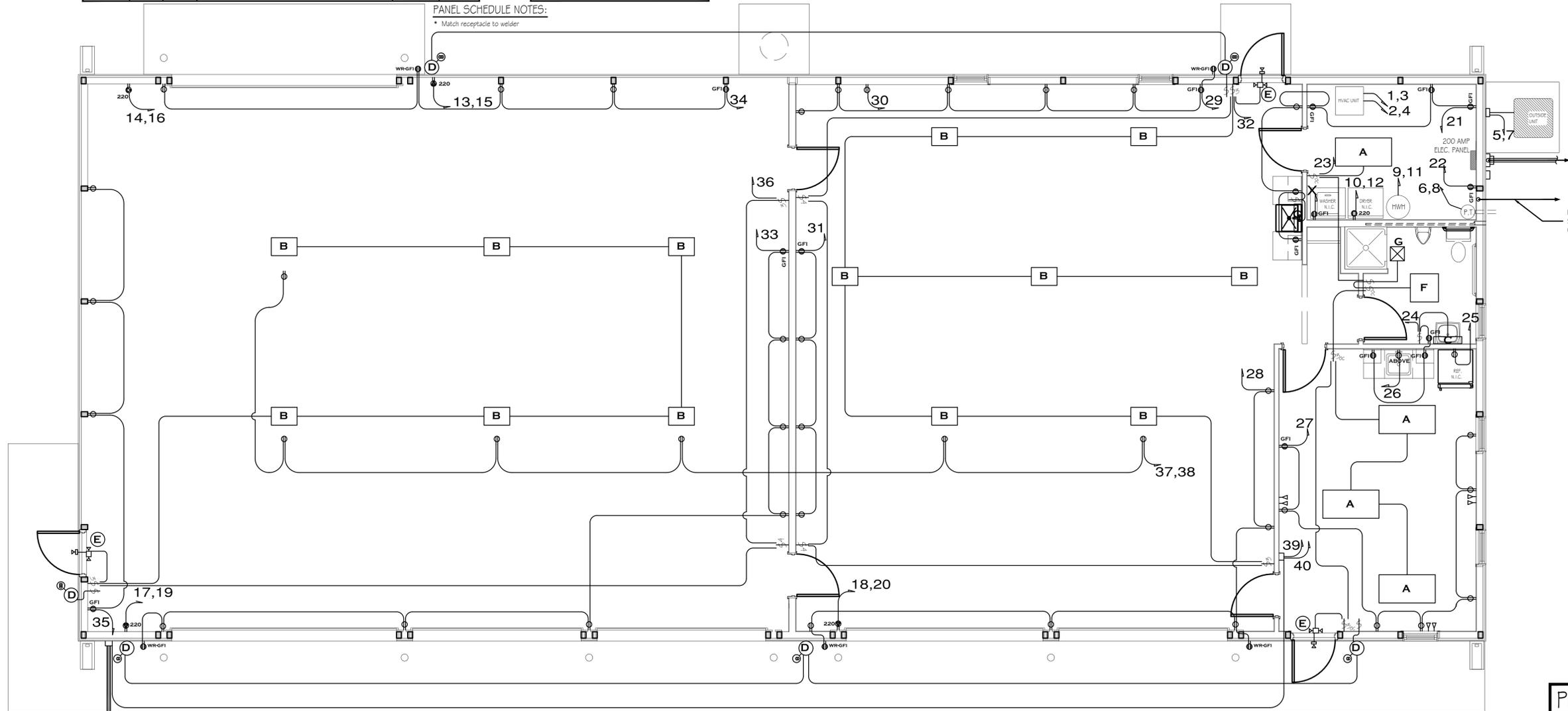
ELECTRICAL WIRING SYMBOLS

- WR-GFI: WATER RESISTANT-RECEPTACLE
- GFI: GFI RECEPTACLE
- DUPLEX OUTLET, SPLIT CIRCUIT
- DUPLEX OUTLET
- 50 AMP, 220 VOLT OUTLET, WELDER (VERIFY 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 WBATTERIES
- SWITCH
- SWITCH, 3 WAY
- SWITCH, 4 WAY
- OCCUPANCY SENSOR
- PRESSURE SWITCH
- WATER PUMP

- GENERAL ELECTRICAL NOTES:
- 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.
  - 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.
  - 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.
  - 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.
  - 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 1 AND BE SELF-EXTINGUISHING ACCORDING TO ASTM D 635.
  - PROVIDE CAT6 WIRE LABELED AND RAN FROM EACH DATA BOX TO MECHANICAL ROOM. PROVIDE 10' ADDITIONAL COILED LENGTH IN MECHANICAL ROOM FOR EACH RUN.
  - MOUNT COMBINATION EXIT/EMERGENCY LIGHTING UNITS TO THE LIGHTING BRANCH CIRCUIT IN THE ROOM IT IS SERVING ON THE LINE SIDE OF ANY SWITCHES.



PANEL SCHEDULE NOTES:  
 \* Match receptacle to welder



U.G. TELEPHONE/COM SERVICE LINES, BY OTHERS

TRENCH DETAILS FOR DIRECT BURIED CABLES

TABLE - MINIMUM COVER REQUIRED PER CODE (INCHES)

Voltage (kV)	Direct Burial	Single Parallel	Right of Way	Street	Front	Direct Burial
0 - 600 V	24	0	18	24	24	24
600 V - 22 kV	0	0	18	24	24	30
22 kV - 69 kV	36	0	24	24	24	30

Notes: (1) 220kV specially requires an additional section of cover to allow for rotation in final grade. (2) For cables installed beneath roads under Power Distribution, cables must be installed in conduits and have a minimum of 24 inches of cover.



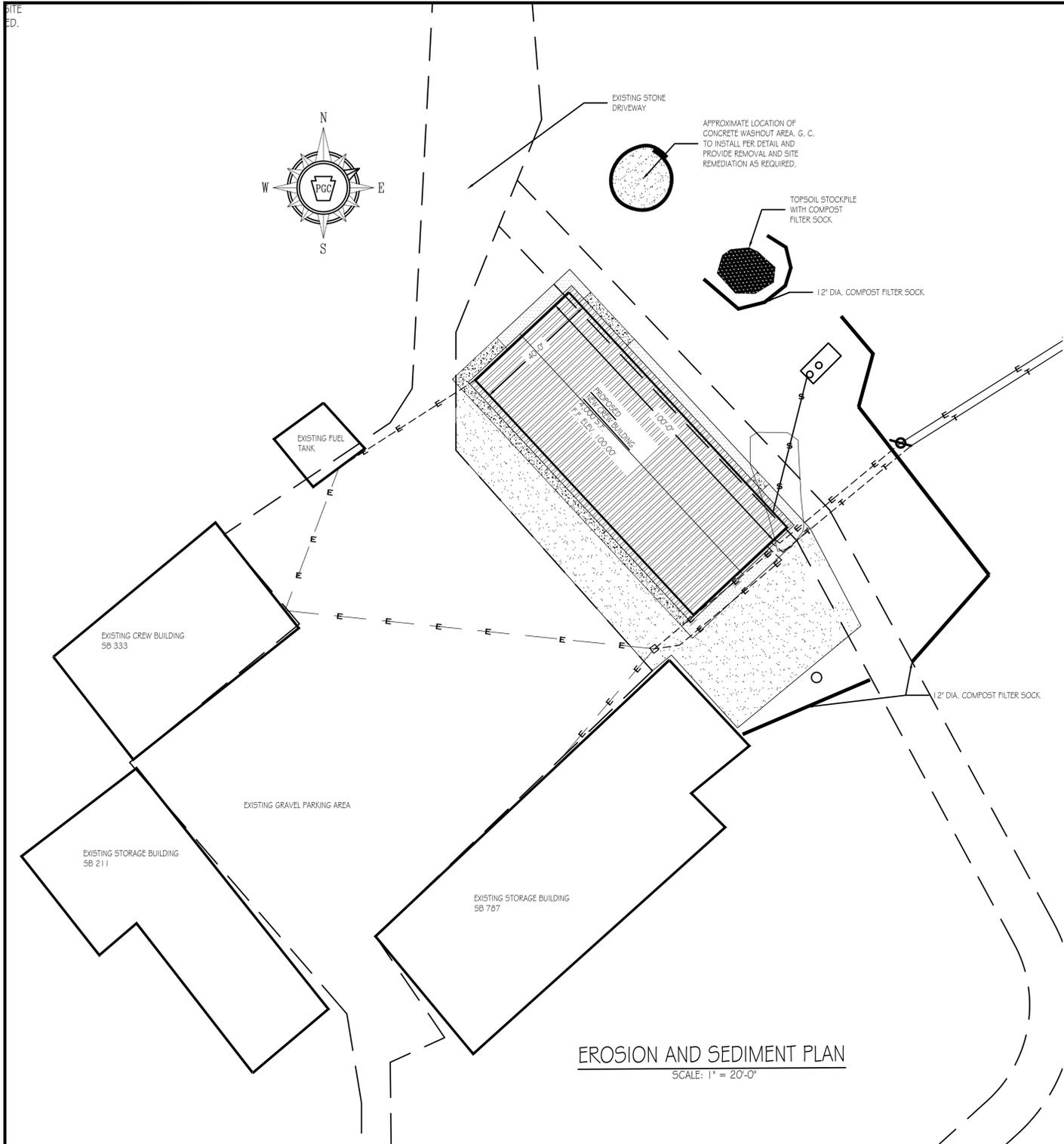
U.G. POWER SUPPLY TO EXISTING FUEL STORAGE TANK FOR ELECTRIC PUMPS AND LEAK DETECTION SYSTEM.

FLOOR PLAN - ELECTRICAL  
 SCALE: 1/4" = 1'-0"



PENNSYLVANIA GAME COMMISSION  
 STATE GAME LANDS # 050 | SOMERSET TOWNSHIP | SOMERSET COUNTY  
 NEW 48' x 100' STORAGE BUILDING  
 ELECTRICAL FLOOR PLAN, SCHEDULES & DETAILS

REVISIONS	PROJECT NO.	PGC-050-24-01
	DRAWN BY:	Z. WHITENIGHT
	DATE:	8/27/2025
	SHEET NO.	E-1



### MAINTENANCE OF E&S CONTROL DEVICES

THE SOIL EROSION AND SEDIMENTATION CONTROLS UTILIZED IN THE DEVELOPMENT OF THIS PLAN SHALL BE ROUTINELY MAINTAINED IN ORDER TO KEEP THEM FUNCTIONING PROPERLY UNTIL SITE STABILIZATION OCCURS. THE CONTRACTOR SHALL PERFORM CERTAIN PERIODIC DUTIES IN ORDER TO ASSURE PROPER CONTROL. MAINTENANCE OF THE VARIOUS EROSION AND SEDIMENTATION CONTROLS SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING GENERAL MAINTENANCE PROCEDURES OUTLINED BELOW.

MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENTATION MEASURES AFTER EACH SIGNIFICANT RUNOFF EVENT AND ON A WEEKLY BASIS BY A QUALIFIED PERSON TRAINED AND EXPERIENCED IN EROSION AND SEDIMENTATION CONTROL AND WHO HAS SITE SUPERVISION RESPONSIBILITIES, TO ASCERTAIN THAT THE EROSION CONTROL MEASURES ARE OPERATIONAL AND EFFECTIVE IN PREVENTING SEDIMENT FROM LEAVING THE SITE. A WRITTEN REPORT OF EACH INSPECTION SHALL BE KEPT AND INCLUDE: A SUMMARY OF SITE CONDITIONS, BMPs AND COMPLIANCE, AND THE DATE, TIME, AND NAME OF THE PERSON CONDUCTING THE INSPECTION. ALL SITE INSPECTIONS WILL BE DOCUMENTED IN AN INSPECTION LOG KEPT FOR THIS PURPOSE INCLUDING THE COMPLIANCE ACTIONS, DATE, TIME AND NAME OF THE PERSON CONDUCTING THE INSPECTION. THE INSPECTION LOG SHALL BE KEPT ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE CONSERVATION DISTRICT UPON REQUEST.

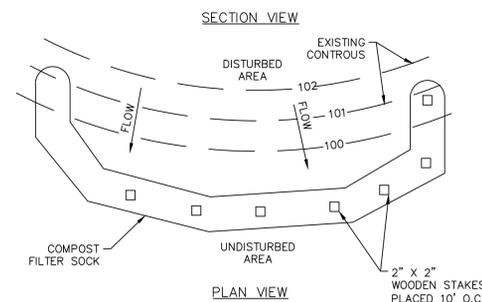
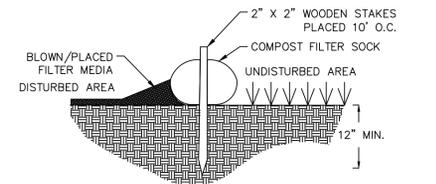
MISCELLANEOUS ADJUSTMENTS AND CORRECTIONS SHALL BE MADE TO ANY EROSION CONTROL STRUCTURE AS DEEMED NECESSARY BY THE ENGINEER, TOWNSHIP OFFICIAL, OR COUNTY CONSERVATION DISTRICT REPRESENTATIVE IN ORDER TO CORRECT UNFORESEEN PROBLEMS CAUSED BY A STORM PRIOR TO STABILIZATION.

#### FILTER SOCK:

1. THE FILTER SOCK SHALL BE INSPECTED AFTER EVERY PRECIPITATION EVENT. ANY NECESSARY REPAIRS WILL BE MADE IMMEDIATELY.
2. ACCUMULATED SEDIMENT SHALL BE REMOVED AS REQUIRED TO KEEP THE DEVICES FUNCTIONAL. IN ALL CASES, REMOVE DEPOSITS WHERE ACCUMULATIONS REACH 1/2 ABOVE THE GROUND HEIGHT OF THE DEVICE.
3. ALL UNDERCUTTING OR EROSION OF THE TOE ANCHOR OR BASE SHALL BE REPAIRED IMMEDIATELY WITH COMPACTED BACKFILL MATERIAL.
4. ADHERE TO ANY MANUFACTURER'S RECOMMENDATIONS FOR REPLACING FILTER SOCK.
5. ANY DEBRIS ACCUMULATED AT SILT SOCK BARRIERS SHALL BE REMOVED AND PROPERLY DISPOSED IN A RESPONSIBLE MANNER. BARRIERS SHALL BE CHECKED AND REALIGNED OR RESET AS REQUIRED. ANY DEBRIS OR SOLID WASTE MATERIAL ACCUMULATED FROM CONSTRUCTION ACTIVITIES SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN AN APPROVED LANDFILL. CONSTRUCTION WASTE SHALL NOT BE BURIED ON THE SUBJECT SITE.

#### STOCKPILE AREA:

1. IMMEDIATELY APPLY TEMPORARY SEEDING AND MULCH TO THE STOCKPILE AREA TO STABILIZE.
2. COMPOST SOCK MUST BE PLACED ON THE DOWNSLOPE SIDE OF THE STOCKPILE AREA.
3. THE STOCKPILE SHALL BE A MAXIMUM OF 35' IN HEIGHT WITH AND HAVE MAXIMUM 2:1 SLOPES.



SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2.

COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE, BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT (FIGURE 4.1). MAXIMUM SLOPE LENGTH ABOVE ANY SOCK SHALL NOT EXCEED THAT SHOWN ON FIGURE 4.2. STAKES MAY BE INSTALLED IMMEDIATELY DOWNSLOPE OF THE SOCK IF SO SPECIFIED BY THE MANUFACTURER.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.

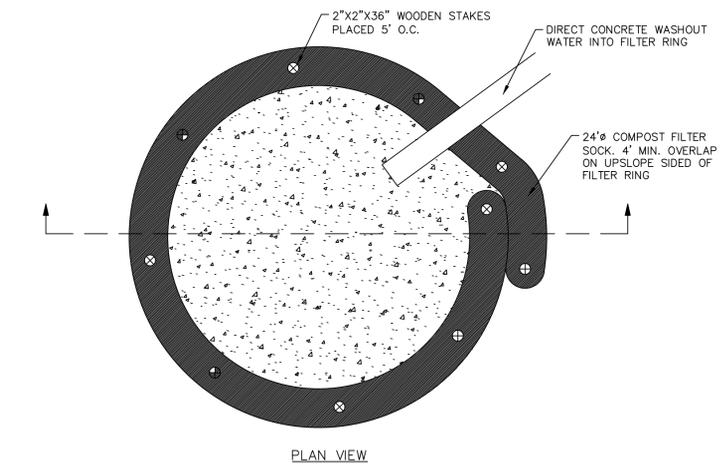
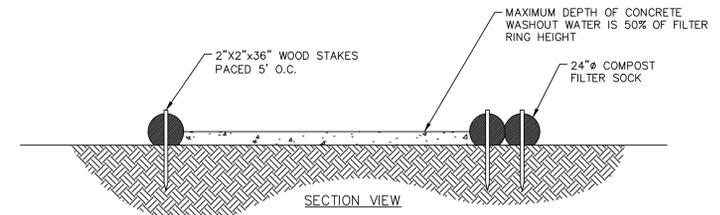
ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES HALF THE ABOVE GROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

BIODEGRADABLE FILTER SOCK SHALL BE PLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND MULCH SPREAD AS A SOIL SUPPLEMENT.

### STANDARD CONSTRUCTION DETAIL #4-1 COMPOST FILTER SOCK

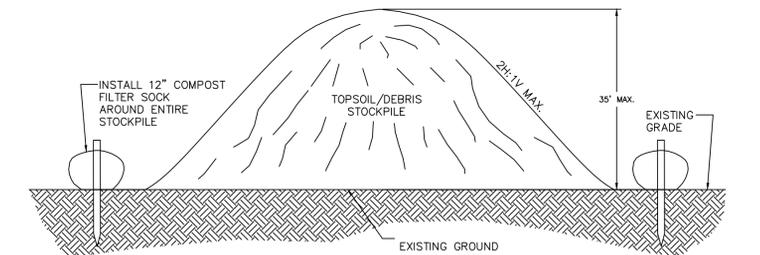


#### NOTES:

1. INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.
2. 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.

### COMPOST SOCK WASHOUT DETAIL

NOT TO SCALE



- NOTES:
1. ANIONIC PAM MAY BE USED TO TEMPORARILY STABILIZE TOPSOIL STOCKPILES. HOWEVER, ANIONIC PAM MAY LOSE ITS EFFECTIVENESS IN AS LITTLE AS 2 MONTHS. THEREFORE, REAPPY MIXTURE AS NECESSARY.

### TOPSOIL / DEBRIS STOCKPILE

NOT TO SCALE



PENNSYLVANIA GAME COMMISSION		
STATE GAME LANDS # 050	SOMERSET TOWNSHIP	SOMERSET COUNTY
NEW 48' x 100' STORAGE BUILDING		
EROSION AND SEDIMENT CONTROL PLAN		
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