



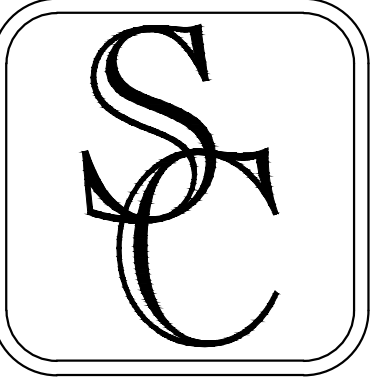
14'
18'

SENSITIVE HABITAT AREA
PLEASE KEEP OUT
NO MOWING

THIS "DRAINAGE FEATURE" MUST REMAIN IN ITS NATURAL STATE

COLOUR, LETTERS AND NUMBER SHALL BE UNALTERED
DRAWN BY: [unreadable] CHECKED BY: [unreadable]

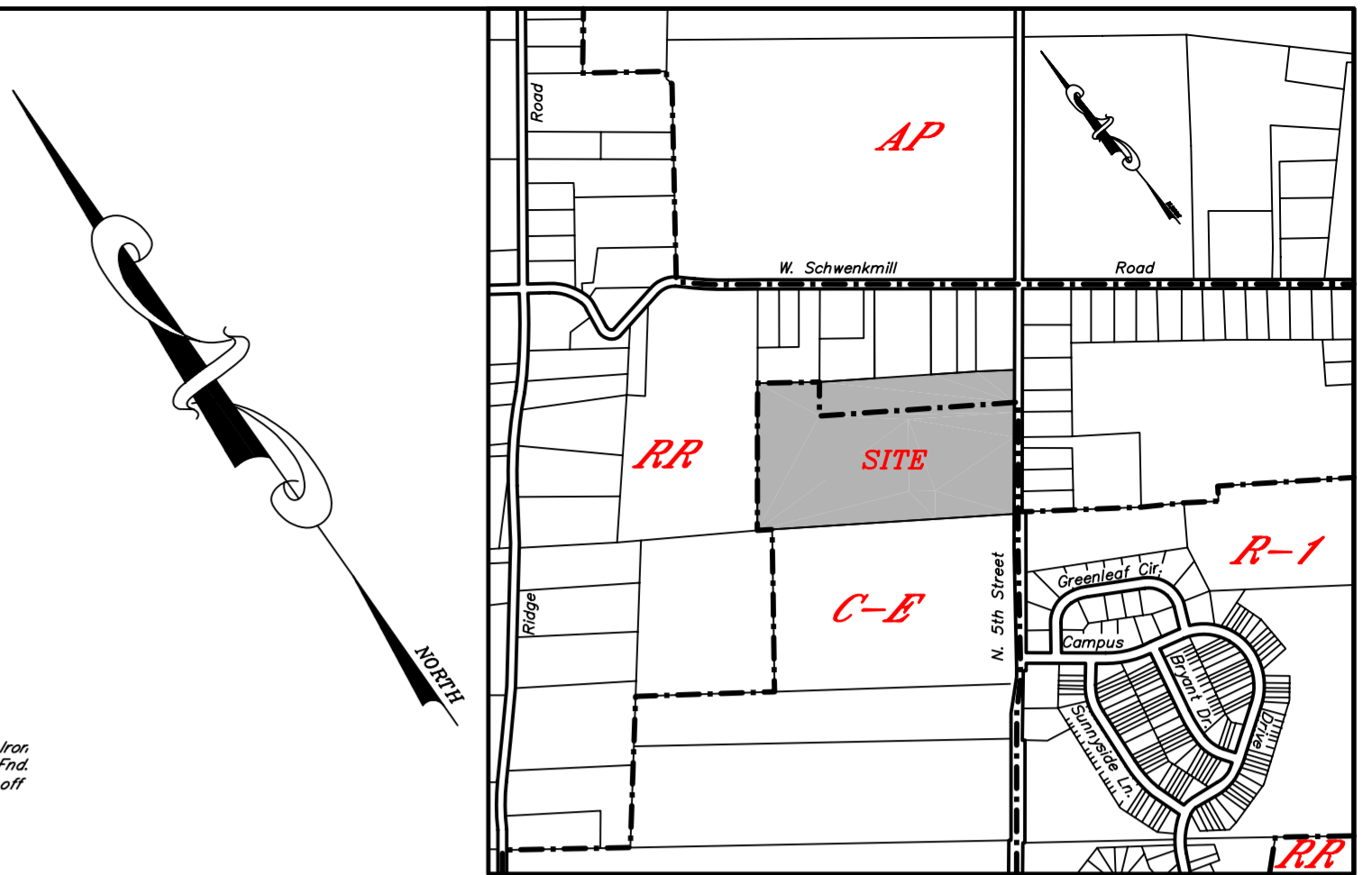
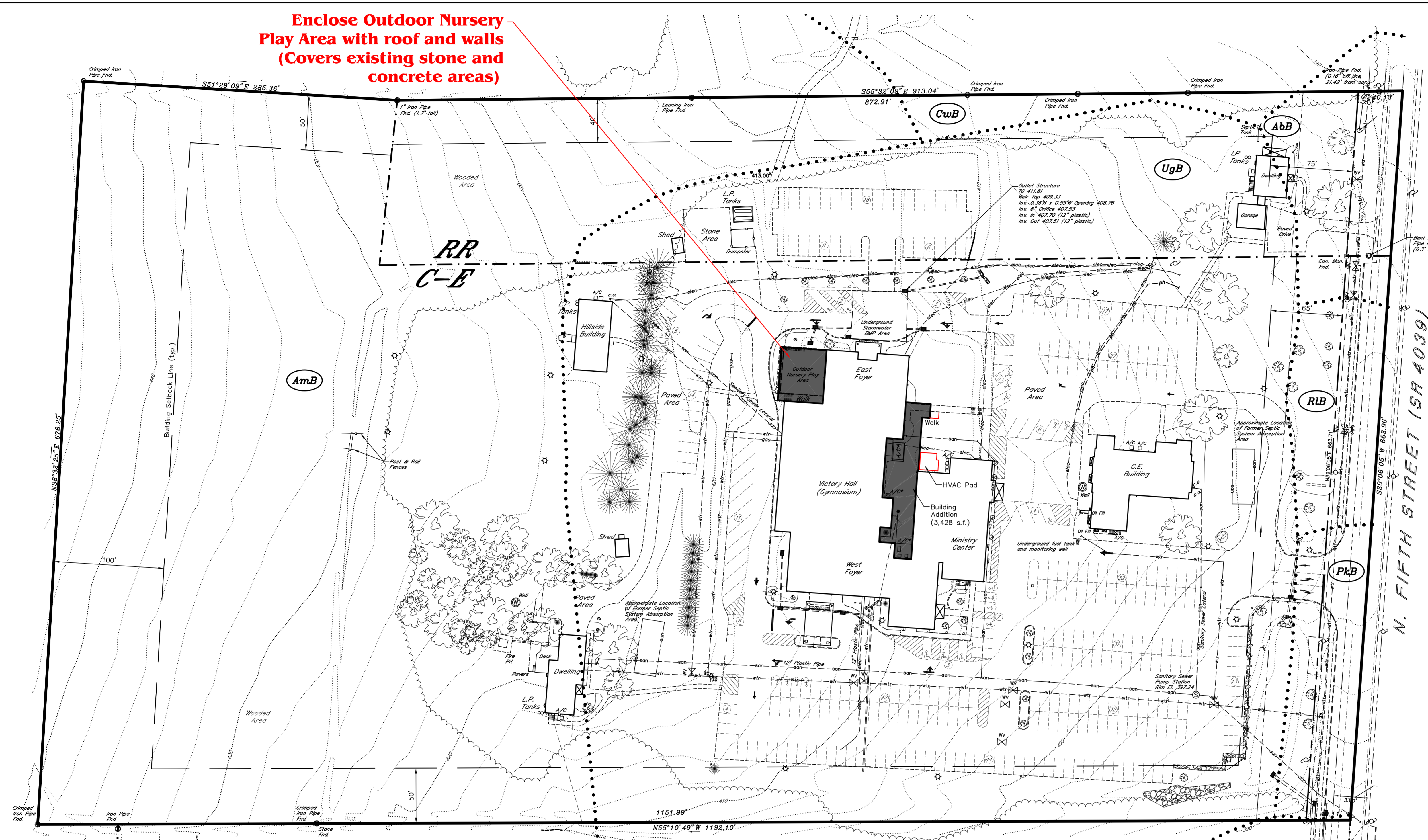
SENSITIVE HABITAT SIGN DETAIL
DATE: [unreadable]



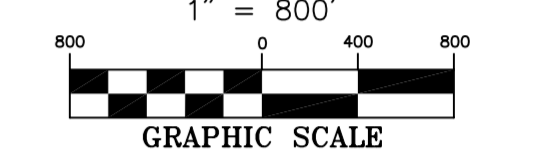
SCHLOSSER & CLAUSS
CONSULTING ENGINEERS, INC.
21 EAST LINCOLN AVE., SUITE 200
HATFIELD, PA 19440-2540
PHONE: 215-855-3000 FAX: 215-855-3300
EMAIL: SCCE_INC@COMCAST.NET

**SELECT PROPERTIES
MCCLENNEN TRACT**
EAST ROCKHILL TOWNSHIP
BUCKS COUNTY, PENNSYLVANIA
1" = 60' 11-08-2021

**Enclose Outdoor Nursery Play Area with roof and walls
(Covers existing stone and concrete areas)**



LOCATION MAP



- SYMBOLS**
- - Property Corner Marker
 - ⊠ - Concrete Monument Corner Marker
 - ⊙ - Utility Pole
 - - Building Setback Line
 - - - - Existing Contour
 - - - - Proposed Contour
 - 430 - Existing Spot Elevation
 - 450 - Proposed Spot Elevation
 - 113.0 - Existing Spot Elevation
 - 113.0 - Proposed Spot Elevation
 - RR - Zoning District
 - - Zoning District Boundary Line
 - AbB - Soil Type
 - - Soil Boundary Line
 - ⊕ - Well
 - ⊙ - Tree Line
 - ⊙ - Deciduous Tree
 - ⊙ - Evergreen Tree
 - A/C - Air-Conditioner Unit to be Relocated
 - - Existing Features
 - - Proposed Features

SITE DATA
 Total Tract Area - 18.133 Ac.
 Tax Parcel Number - 12-14-4
 Water - Public
 Sewer - Public

ZONING REQUIREMENTS

Zoning District **RR (Rural Residential District)**
 Min. Lot Area 87,120 S.F.
 Min. Lot Width 200 Feet
 Min. Front Yard 75 Feet
 Min. Side Yard 40 Feet
 Min. Rear Yard 75 Feet
 Max. Bldg. Height 35 Feet
 Max. Imp. Surface 20% (45,750 S.F.)
 Max. Building Cov. 10%

Zoning District **C-E (Cultural-Education District)**
 Min. Lot Area 87,120 S.F.
 Min. Lot Width 200 Feet
 Min. Front Yard 65 Feet
 Min. Side Yard 50 Feet
 Min. Rear Yard 100 Feet
 Max. Bldg. Height 35 Feet
 Max. Imp. Surface 30%
 Max. Building Cov. 15%

ENGINEER'S CERTIFICATION
 I, being a registered engineer in the Commonwealth of Pennsylvania, do hereby certify that the accompanying application, plans, and supporting documentation are true and correct to the best of my knowledge.

Registered Engineer
 Registration No. PE036737-E

PROJECT PLAN INDEX	
SHEET NO.	TITLE
1 of 2	Erosion & Sedimentation Control Plan
2 of 2	Erosion & Sedimentation Control Details

CALL BEFORE YOU DIG!
 PENNSYLVANIA LAW REQUIRES
 3 WORKING DAYS NOTICE
 FOR CONSTRUCTION PHASE
 AND 10 WORKING DAYS IN
 DESIGN STAGE.

STOP!! CALL!!

PENNSYLVANIA ONE CALL SYSTEM
 1-800-242-1776

PROJECT SERIAL NO.

ME Mease Engineering, P.C.

Office (215) 536-7005
 Fax (215) 536-8581

516 W. Broad Street
 Quakertown, PA 18951

PROFESSIONAL ENGINEERING & SURVEYING

NO.	DATE	DESCRIPTION	BY

NOTES

1. The boundary and topographical information is based on a field survey performed by VanCleave Engineering Associates in July 2019.

GRAPHIC SCALE
 1 inch = 50 feet

**FIRST BAPTIST CHURCH
 BUILDING ADDITION**
 East Rockhill Township, Bucks County, Pennsylvania

SCALE: 1" = 50'
 DATE: 20 Aug '21
 OWNERS OF RECORD: First Baptist Church of Perkasie
 1600 N. 5th Street
 Perkasie, PA 18944

DRAWN BY: EN
 FILE: 190602(BA)EST

Erosion & Sedimentation Control Plan

SHEET 1 of 2

LEGEND

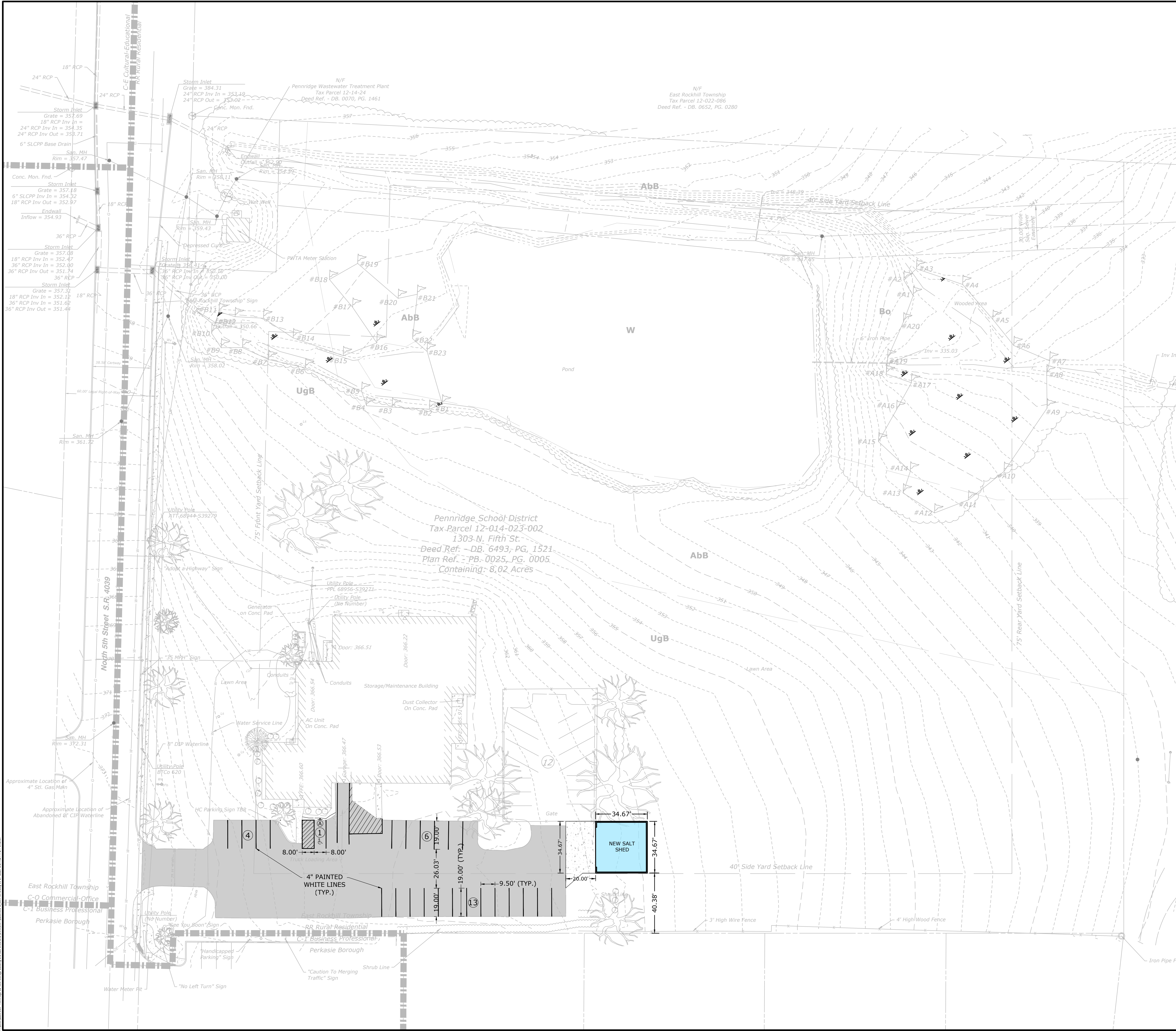
- PROPOSED SITE FEATURES
- BUILDING LINE
 - CONCRETE SURFACE
 - EDGE OF BITUMINOUS PAVEMENT
 - ASPHALT PAVING
 - PAINTED STRIPE TRAFFIC ISLAND
 - PARKING SPACE COUNT
 - VAN ACCESSIBLE HANDICAP
 - PARKING SIGN

SITE PLAN NOTES

1. REFER TO ARCHITECTURAL PLANS FOR SIZE, TYPE, AND EXACT LAYOUT OF EMERGENCY GENERATOR PAD, ELECTRICAL TRANSFORMER PAD, AND HUTE UNITS.
2. REFER TO ARCHITECTURAL PLANS FOR DUMPSTER ENCLOSURE AND CONCRETE DUMPSTER PAD.
3. REFER TO ARCHITECTURAL PLANS FOR CONCRETE PADS OUTSIDE OF EXTERIOR DOORWAYS.
4. SEE ARCHITECTURAL PLANS FOR CONCRETE SCORING AND BRICK PAVER LAYOUT.
5. ALL RADII ARE 5 FEET, UNLESS SPECIFICALLY DIMENSIONED OTHERWISE WITHIN THE PLAN VIEW. THIS INCLUDES CURB RADII, RADII ON PROPOSED EDGES OF BITUMINOUS PAVEMENT, AND RADII INDICATED FOR PAVEMENT MARKINGS.
6. N.I.C. = NOT IN CONTRACT
7. SIGNS AND PAVEMENT MARKINGS SHALL COMPLY WITH PENNDOT PUBLICATION 408, SECTION 1103, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AS AMENDED.
8. MAXIMUM SIDEWALK CROSS SLOPE = 2%.

SOIL LIMITATIONS & RESOLUTIONS

1. **CAVING CUT BANKS** - CONTRACTOR SHOULD EMPLOY PROPER CONSTRUCTION, STABILIZATION, AND SAFE WORKING TECHNIQUES TO ENSURE SAFETY ON STEEP SLOPE AREAS AND WITHIN AND AROUND ALL EXCAVATIONS INCLUDING FOOTERS, FOUNDATIONS AND UTILITY TRENCHES. BENCHING AND TRENCH BOXES SHOULD BE EMPLOYED WHERE REQUIRED OR APPROPRIATE TO ENSURE SAFE WORKING CONDITIONS AND COMPLIANCE WITH APPLICABLE SAFETY STANDARDS AND REGULATIONS.
2. **CORROSION TO CONCRETE/STEEL** - WHERE PERMITTED, UNDERGROUND PIPES, CONDUITS, AND STORAGE TANKS SHOULD BE MADE CORROSION RESISTANT MATERIALS. WHERE NECESSARY, SUITABLE PRECAUTIONS SHOULD BE TAKEN TO PROTECT UNDERGROUND CONCRETE AND UNCOATED STEEL STRUCTURES AND FACILITIES FROM CORROSION.
3. **EASILY ERODIBLE** - CONTRACTOR SHALL LIMIT THE EXTENT AND DURATION OF EARTH DISTURBANCE TO THE LEAST AMOUNT PRACTICABLE TO COMPLETE THE PROJECT. CONTRACTOR SHOULD PHASE CONSTRUCTION WHERE POSSIBLE TO LIMIT THE TOTAL AMOUNT OF DISTURBED AREA AT ANY GIVEN TIME. TEMPORARY AND PERMANENT STABILIZATION MEASURES SHOULD BE IMPLEMENTED AS SOON AS POSSIBLE. SEDIMENT CONTROL BMPs MAY REQUIRE MORE FREQUENT MAINTENANCE AND SEDIMENT REMOVAL AS COMPARED WITH SITES THAT DO NOT HAVE EASILY ERODIBLE SOIL. CONTRACTOR SHALL CONTACT THE SITE DESIGN ENGINEER AND THE CONSERVATION DISTRICT TO DEVISE ALTERNATIVE SOLUTIONS, IF ANY EROSION CONDITIONS OCCUR THAT CANNOT BE ADDRESSED BY MEASURES FOUND IN THE PLAN.
4. **DEPTH TO SATURATED ZONE / SEASONAL HIGH WATER TABLE** - STRUCTURES WITH BASEMENTS AND OTHER SUBSURFACE STRUCTURES SHOULD BE AVOIDED. BUILDING FOUNDATIONS SHOULD BE FURNISHED WITH APPROPRIATE FOUNDATION DRAINS AND SUMP PUMPS WHERE NECESSARY. SATURATED SOILS SHOULD BE DEWATERED PRIOR TO USE IN GRADING, WET, MUCKY, OR SOUPLY SOILS SHOULD NOT BE USED IN THE CONSTRUCTION OF FILLS OR SLOPES. IF ACCUMULATED WATER NEEDS TO BE REMOVED FROM A WORK AREA, THE WATER SHALL BE TO A SEDIMENT CONTROL BMP, SUCH AS A SEDIMENT TRAP, SEDIMENT BASIN, OR PUMPED WATER FILTER BAG PLACED FOR DISCHARGE OVER A STABILIZED, WELL-VEGETATED AREA. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
5. **HYDRIC / HYDRIC INCLUSIONS** - HYDRIC SOILS OR SOILS WITH HYDRIC INCLUSIONS MAY BE INDICATIVE OF WETLANDS, HIGH GROUNDWATER TABLE, OR POORLY DRAINED SOILS. WETLANDS SHOULD BE IDENTIFIED AND AVOIDED IF POSSIBLE. DEWATERING TECHNIQUES SHALL BE USED AS NEEDED.
6. **LOW STRENGTH/LANDSLIDE PRONE** - FOR SOILS WITH LOW STRENGTH, PRECAUTIONS SHOULD BE TAKEN TO PREVENT SLOPE FAILURES DUE TO IMPROPER CONSTRUCTION PRACTICES SUCH AS OVER-STEPPING OF SLOPES, SETBACKS SHOULD BE APPLIED IN ACCORDANCE WITH PADEP STANDARDS UNLESS IT CAN BE SHOWN THAT PROPOSED CUTS AND FILLS DO NOT POSE A HAZARD TO PUBLIC SAFETY OR SURFACE WATERS. ALSO, ROAD FILL MATERIAL WILL LIKELY NEED TO BE IMPORTED IN AREAS WHERE SOILS HAVE LOW STRENGTH. CONTRACTOR SHALL CONSULT PROJECT GEOTECHNICAL ENGINEER/INSPECTOR FOR APPROPRIATE MEASURES TO BE IMPLEMENTED TO COMPACT, MITIGATE, AND/OR STABILIZE AREAS OF LOW STRENGTH OR LANDSLIDE PRONE SOILS.
7. **SLOW PERCOLATION** - CONTRACTOR SHALL PERFORM SITE GRADING TO PROVIDE SUFFICIENT POSITIVE DRAINAGE AWAY FROM BUILDINGS, FOUNDATIONS, AND OTHER STRUCTURES. IF ACCUMULATED WATER NEEDS TO BE REMOVED FROM A WORK AREA, THE WATER SHALL BE TO A SEDIMENT CONTROL BMP, SUCH AS A SEDIMENT TRAP, SEDIMENT BASIN, OR PUMPED WATER FILTER BAG PLACED FOR DISCHARGE OVER A STABILIZED, WELL-VEGETATED AREA.
8. **PIPING** - SOILS THAT ARE SUSCEPTIBLE TO PIPING CAN BE ERODIBLE AND NOT WELL SUITED FOR CONSTRUCTION OF EMBANKMENTS, DIKES, AND LEVEES. CONSTRUCTION TECHNIQUES SHALL BE EMPLOYED TO ENSURE THESE SOILS ARE PROPERLY COMPACTED AND STABILIZED.
9. **POOR SOURCE OF TOPSOIL** - MANY SOIL TYPES ARE DROUGHTY OR TOO WET TO BE SUITABLE SOURCES OF TOPSOIL. SOIL TESTS SHOULD BE DONE TO DETERMINE THE PROPER APPLICATION OF SOIL AMENDMENTS TO PROMOTE THE GROWTH OF THE DESIRED VEGETATION. WHEREVER SOILS THAT ARE FAIR OR GOOD SOURCES OF TOPSOIL EXIST ON A SITE, THEY SHOULD BE CAREFULLY PRESERVED AND STORED FOR LATER USE IN RESTORATION. IF NECESSARY, TOPSOIL MAY BE IMPORTED TO THE SITE.
10. **FROST ACTION** - CONTRACTOR SHALL CONSULT PROJECT GEOTECHNICAL ENGINEER / INSPECTOR REGARDING ANY SPECIAL MEASURES TO BE TAKEN FOR EARTHWORK THAT IS TO OCCUR DURING PERIODS OF FROST.
11. **SHRINK-SWELL** - SOILS SUSCEPTIBLE TO SHRINKAGE AND SWELLING CAN CREATE DIFFICULT PERFORMANCE PROBLEMS FOR BUILDING FOUNDATIONS, RETAINING WALLS, PAVEMENT, AND SLOPES. PROPER DRAINAGE MUST BE MAINTAINED AT ALL TIMES. SOIL TESTING SHOULD BE CONDUCTED TO DETERMINE THE SHRINK-SWELL CAPACITY OF ON-SITE SOILS. CONTRACTOR SHALL CONSULT PROJECT GEOTECHNICAL ENGINEER/INSPECTOR FOR PROPER INSTALLATION OF FOUNDATIONS AND FOOTERS AND APPROPRIATE MEASURES TO BE IMPLEMENTED AS NECESSARY TO STABILIZE SHRINK-SWELL SOIL CONDITIONS.
12. **WETNESS** - PROPER DRAINAGE AND DEWATERING MEASURES SHALL BE EMPLOYED AT ALL TIMES.
13. **SLOPES** - EXCAVATIONS SHOULD BE STABILIZED TO PREVENT EROSION AND CONTRACTOR SHOULD EMPLOY PROPER CONSTRUCTION TECHNIQUES TO ENSURE SAFETY ON STEEP SLOPE AREAS.
14. **DEPTH OF ROCK** - IF BEDROCK IS ENCOUNTERED, REMOVE AS NECESSARY IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
15. **SOIL PH LEVELS** - CONTRACTOR SHALL HAVE SOIL PH TESTED TO DETERMINE CORRECT FERTILIZER APPLICATION RATES.
16. **FLOODING POTENTIAL** - ENSURE THAT THE SITE HAS PROPER DRAINAGE.
17. **HIGH GROUNDWATER LEVEL** - CONTRACTOR SHALL EMPLOY DEWATERING TECHNIQUES AS APPROVED BY THE CONSERVATION DISTRICT. PUMPED WATER FILTER BAGS SHALL BE USED TO DEWATER UTILITY TRENCHES AND BELOW GRADE EXCAVATIONS.
18. **BASEIN AREAS AND EMBANKMENTS** - FILL FOR BASIN EMBANKMENTS SHALL BE COMPACTED IN 8" LIFTS TO 98% MAXIMUM DRY DENSITY (STANDARD PROCTOR) +/- 2% MOISTURE CONTENT PER ASTM D-1557. ANTI-SEEP COLLARS SHALL BE INSTALLED ON A BASIN DISCHARGE PIPING TO PREVENT SEEPAGE OF WATER FROM THE BASIN. CONSULT WITH SITE DESIGN ENGINEER FOR THE SPECIFIC ANTI-SEEP COLLAR SIZE REQUIREMENTS.



PROFESSIONAL SEAL

SCALE:	AS SHOWN
DATE:	NOV. 24, 2021
K&W PROJECT:	2280.013
DRAWN BY:	EFM

CAD DRAWING: 2280.010-D_swm SITE.dwg

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		

PLAN TYPE: **SITE PLAN**

SHEET: **4 OF 11**

Small text at the bottom left corner containing project details and dates.