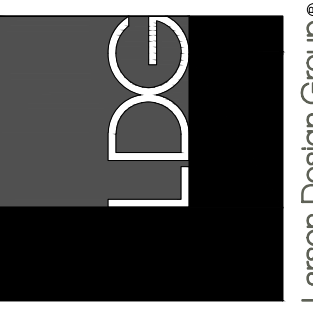




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NO.	DATE	PRELIMINARY SUBMISSION SET	COMMENTS	BY	CHKD
01	12-31-14			KAB	MDO

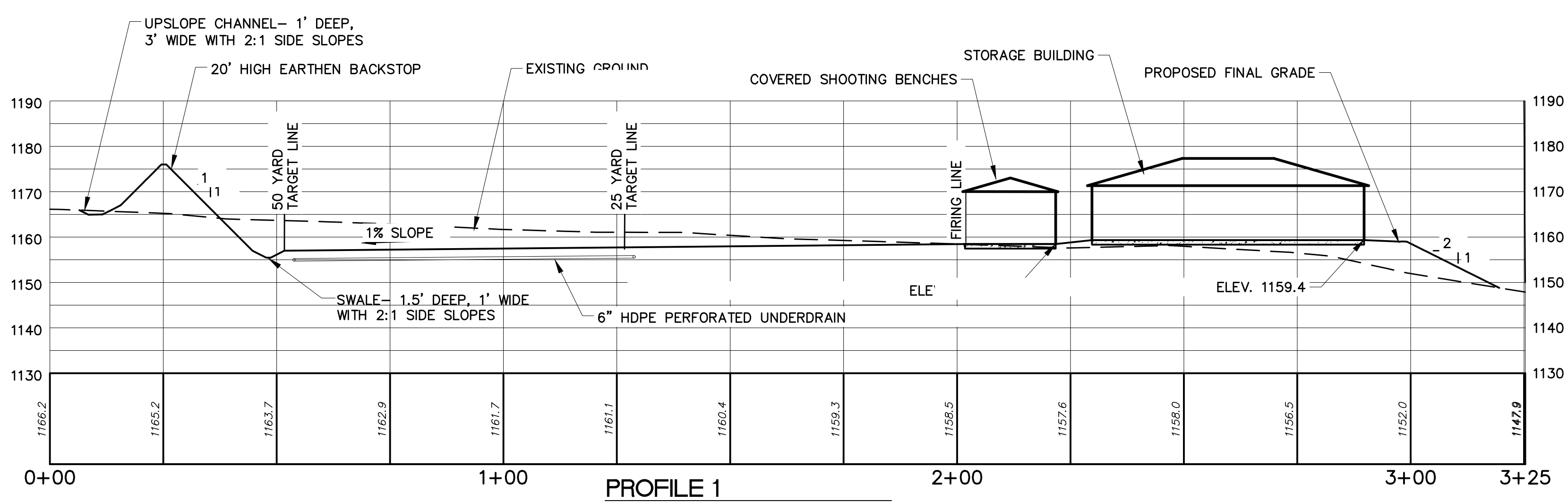


SITE GRADING PLAN
PHASE 3 - FIRING RANGE
USACE-MILL COVE ENVIRONMENTAL EDUCATION CENTER
 TOGA TOWNSHIP, TOGA COUNTY, PENNSYLVANIA

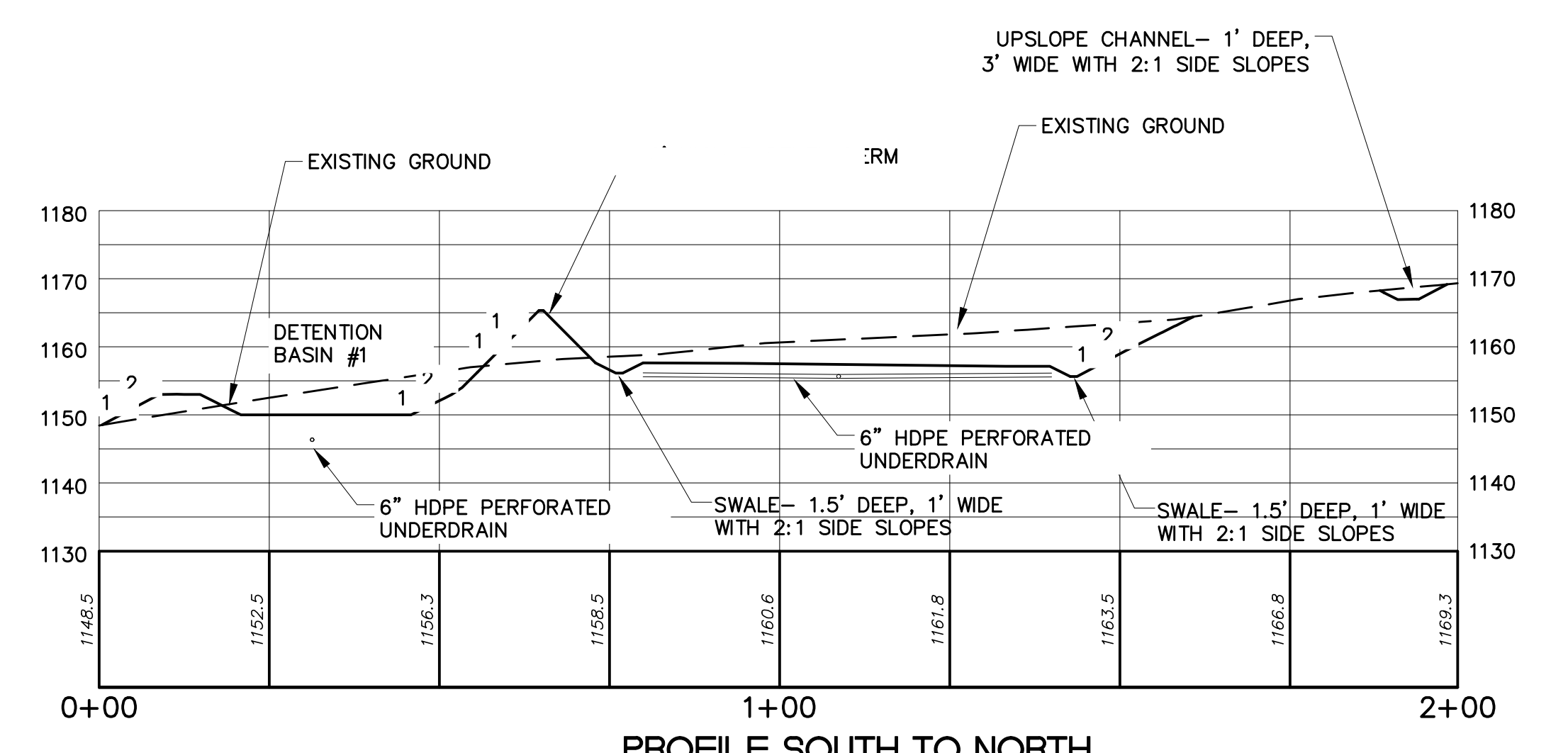
Larson Design Group • Architects Engineers Surveyors
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Mill Cove Incorporated
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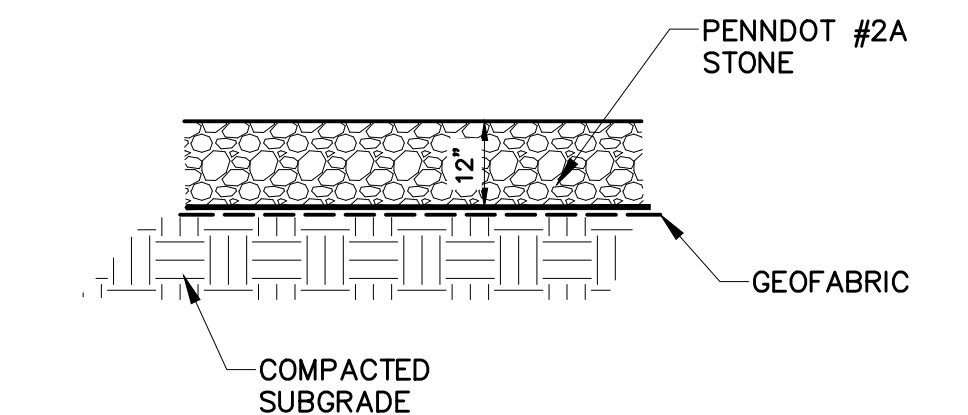
SHEET NO.: **C-3**
 PROJECT NO.: 6930-003



PROFILE 1
 SCALE: 1"=20' HORIZONTAL, 1"=20' VERTICAL
 20 0 20 40 FEET

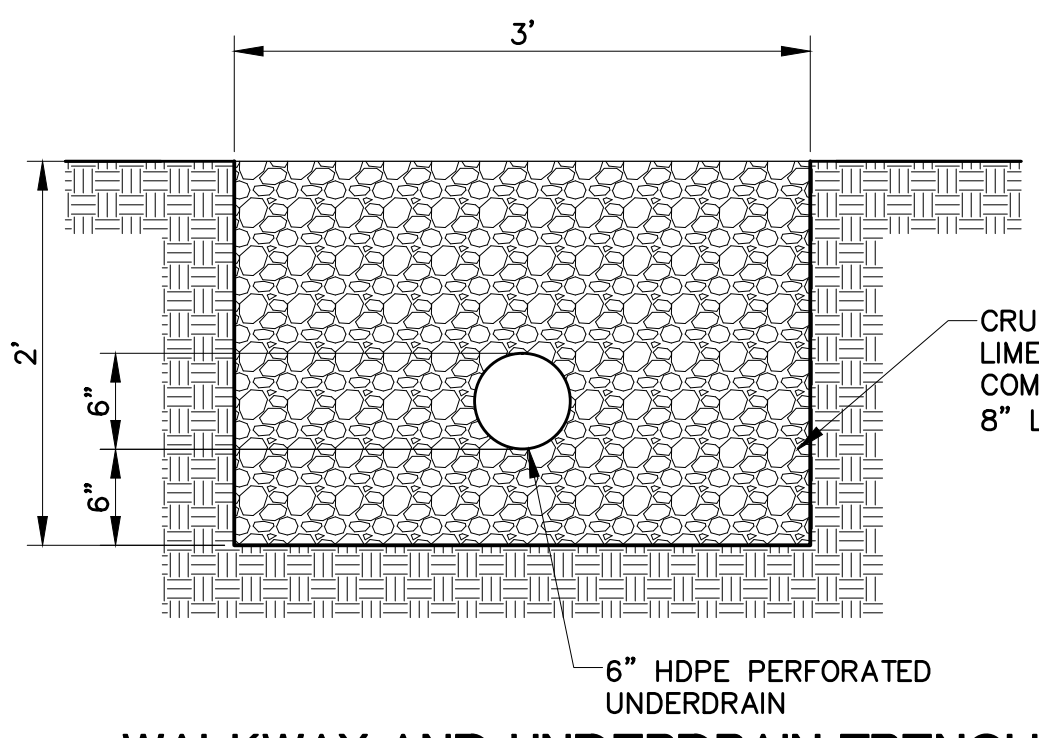


PROFILE SOUTH TO NORTH
 SCALE: 1"=20' HORIZONTAL, 1"=20' VERTICAL
 20 0 20 40 FEET

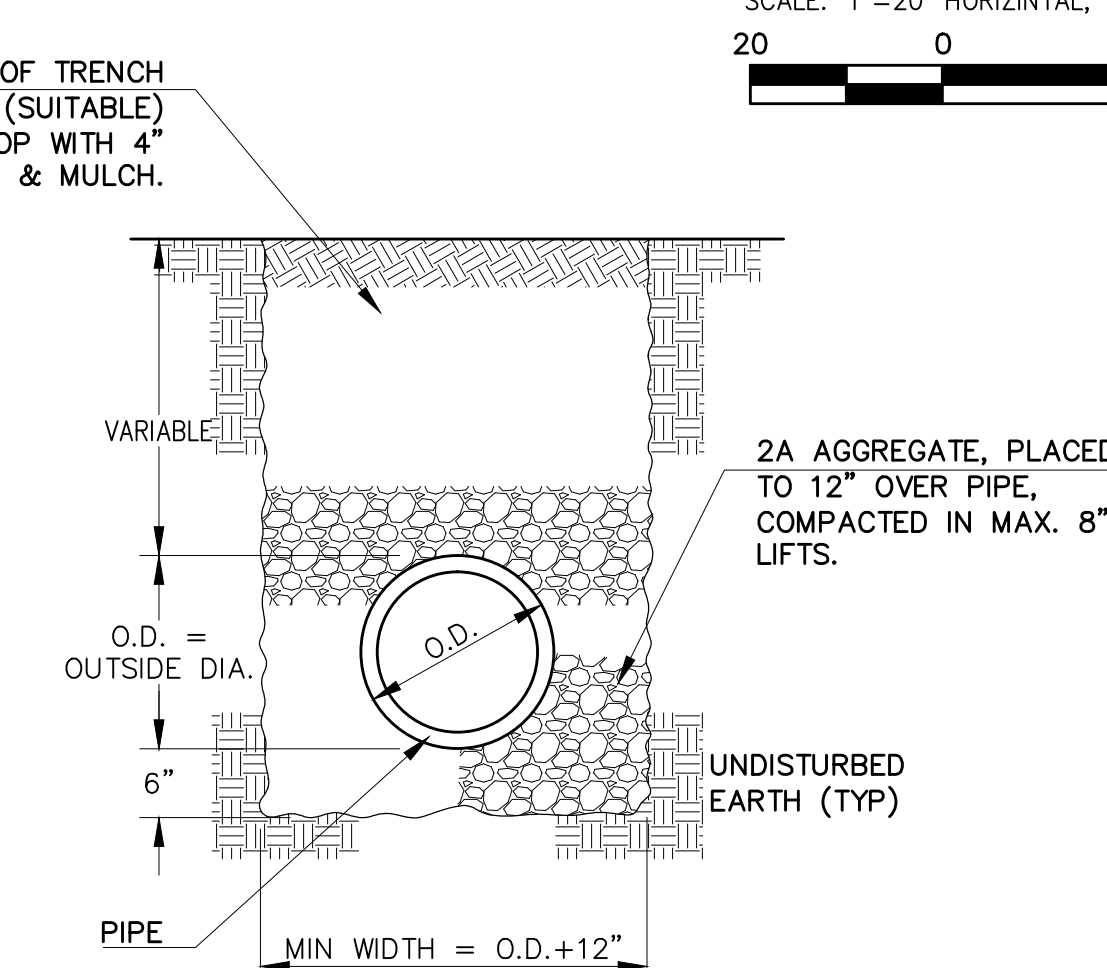


- NOTES:**
1. STRIP 6-9" OF TOPSOIL OVER ENTIRE SITE.
 2. ROUGH GRADE, PROOF ROLL AND STABILIZE SOFT ZONES REVEALED BY ROLLING.
 3. PLACE GEOFABRIC PER MANUFACTURER'S INSTRUCTIONS.
 4. PLACE 12" OF PENNDOT #2A STONE.

GRAVEL DRIVE AND PAD
 SCALE: NOT TO SCALE

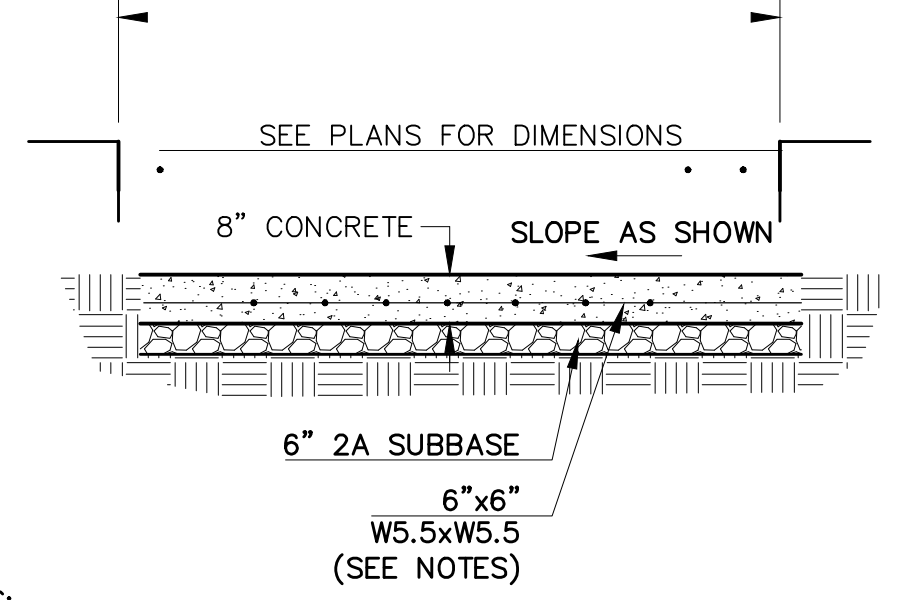


WALKWAY AND UNDERDRAIN TRENCH
 SCALE: NOT TO SCALE



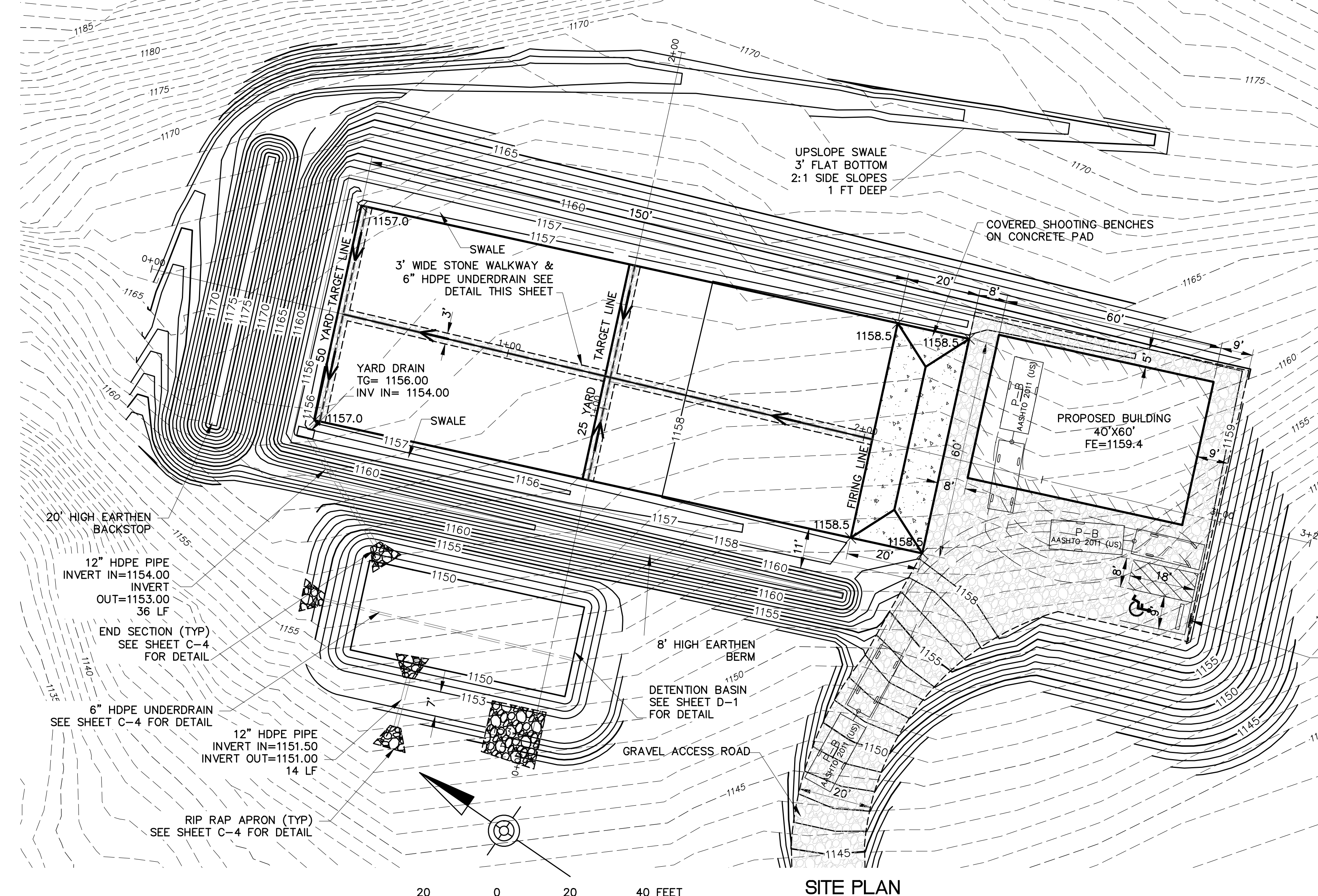
- NOTES:**
1. AASHTO #57 AGGREGATE CAN BE USED IN LIEU OF 2A SUBBASE FOR BACKFILL AROUND PIPES TO A MAXIMUM DEPTH OF 12" OVER PIPE. IF ADDITIONAL AGGREGATE IS REQUIRED, NO. 2A SUBBASE SHALL BE USED FOR THE REMAINDER OF THE TRENCH.

TYPICAL TRENCH RESTORATION
 SCALE: NOT TO SCALE



- NOTES:**
1. REINFORCEMENT TO BE IN ACCORDANCE WITH PENNDOT RC STANDARDS.
 2. FORM 2" SMOOTH TOOLED BORDER AT ALL JOINTS AND EDGES WITH A 1/4" RADIUS EDGING TOOL.
 3. PROVIDE SCORED JOINTS EVERY 5' AND EXPANSION JOINTS AT MAXIMUM 25' INTERVALS.
 4. WHERE CONCRETE ABUTS RIGID OBJECTS INSTALL 1/4" PREMOLDED EXPANSION MATERIAL.
 5. PROVIDE LIGHT BRUSH FINISH PERPENDICULAR TO FOOT TRAFFIC.

CONCRETE PAD
 SCALE: NOT TO SCALE



SITE PLAN
 SCALE: 1"=20'

SITE NOTES

1. THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER BEFORE DEVIATING FROM THESE PLANS.
2. CONTRACTOR SHALL INSTALL ALL MATERIALS IN ACCORDANCE WITH SITE SPECIFICATIONS. ANY WORK NOT COVERED IN THE SPECIFICATIONS SHALL CONFORM TO THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION (PENNDOT) CONSTRUCTION SPECIFICATIONS, LATEST EDITION.
3. ALL SUBSTITUTIONS SHALL BE MADE ONLY WITH THE OWNER'S OR ENGINEER'S APPROVAL AND BE EQUIVALENT QUALITY TO WHAT IS SPECIFIED.
4. ALL WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND OSHA SAFETY RULES AND REGULATIONS.
5. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE SITE. NOTIFY OWNER OF DISCREPANCIES IN CONDITIONS SHOWN ON DRAWINGS PRIOR TO PROCEEDING WITH THE WORK.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ANY EXISTING STRUCTURES TO REMAIN AND ANY FINISH MATERIAL INSTALLED WHILE WORKING ON OTHER COMPONENTS.
7. CONTRACTOR SHALL KEEP JOB FREE OF DEBRIS AND MAKE FINAL CLEANUP TO SATISFACTION OF OWNER.
8. OWNER SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS NECESSARY TO PERFORM THE WORK.
9. PA ACT 38 REQUIRES THREE DAYS NOTICE PRIOR TO EXCAVATION: PA ONE CALL SYSTEM (800) 242-1776. CONTRACTOR IS RESPONSIBLE FOR CALLING.
10. PROJECT SITE IS NOT ZONED.
11. THE CONTRACTOR MUST NOTIFY THE TOGA COUNTY CONSERVATION DISTRICT AND TOGA TOWNSHIP PRIOR TO COMMENCING EARTHWORK, CLEARING OR DEMOLITION OPERATIONS.
12. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF ALL SITE PLAN DIMENSIONS AND MEASUREMENTS AND SHALL CONFIRM THE ACCURACY AND LOCATION OF THE PROJECT BOUNDARY PRIOR TO CONSTRUCTION. ANY DISCREPANCIES DISCOVERED SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER-OF-RECORD FOR RESOLUTION PRIOR TO CONSTRUCTION.
13. SOLID WASTES TO BE COLLECTED AND DISPOSED OR APPROPRIATED BY LOCAL CONTRACTORS.
14. UTILITY INFORMATION HAS BEEN PLOTTED FROM AVAILABLE SOURCES AND THEIR LOCATION AND SIZE SHOULD BE CONSIDERED APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT UTILITY LOCATIONS, SIZE, AND ELEVATIONS PRIOR TO COMMENCING CONSTRUCTION. IF UNCHARTED OR MISPLOTTED UTILITIES ARE REQUIRED TO NOTIFY THE APPROPRIATE UTILITY COMPANY, OWNER, AND ENGINEER IMMEDIATELY.

12/21/2014 9:57:20 AM P:\6930\6930-003 Mill Cove Phase 3\Map\Plan Set New 11-14\0-C-5 Site Plan-Sections.dwg