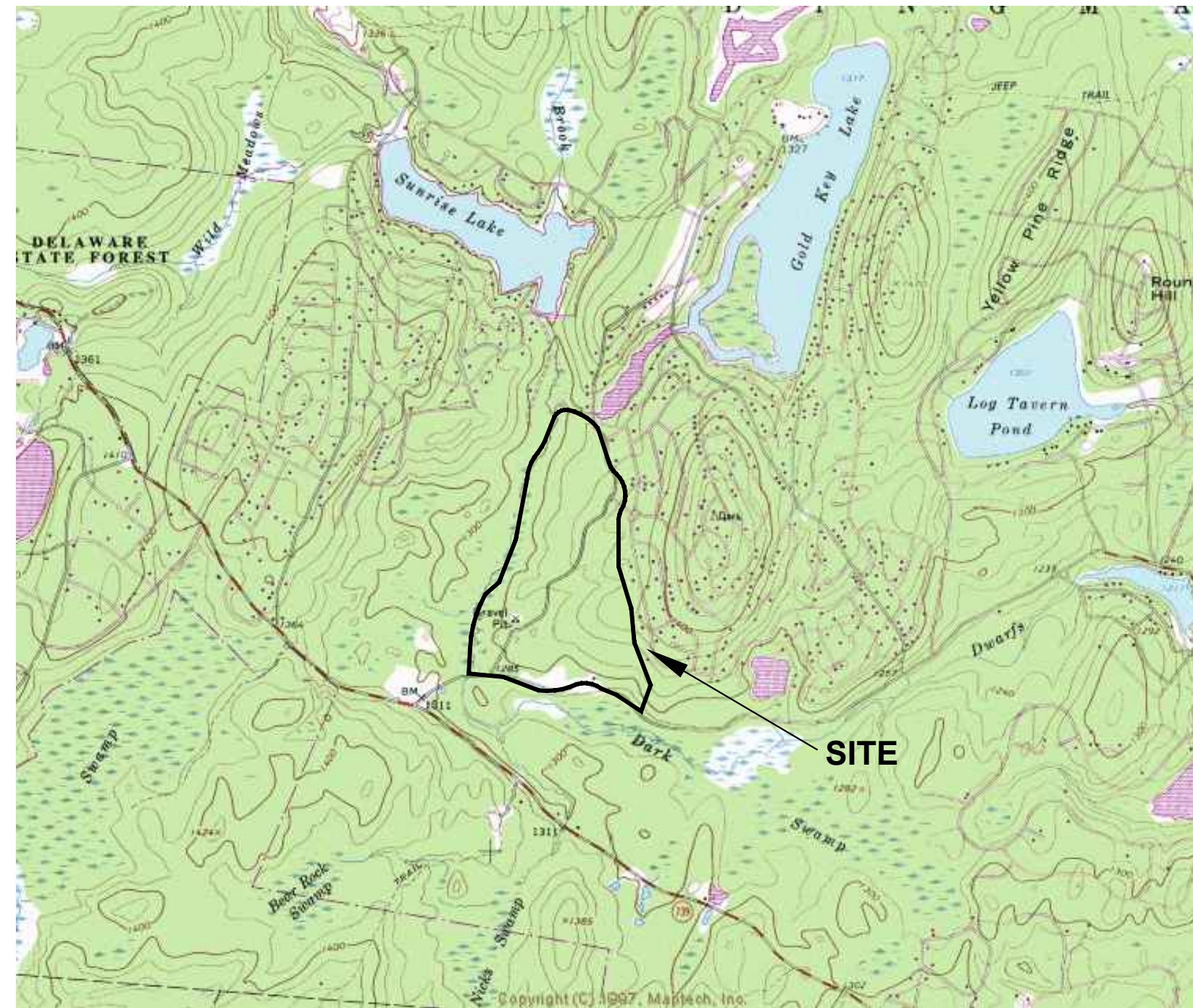


# CONSTRUCTION PLANS FOR DINGMAN TOWNSHIP PARK 1 MILE LOOP TRAIL

DINGMAN TOWNSHIP  
118 FISHER LANE, MILFORD, PA 18337  
PIKE COUNTY, PENNSYLVANIA



LOCATION MAP  
EDGEMERE QUAD 1:24000



## TOWNSHIP SUPERVISORS

**THOMAS E. MINCER**  
*CHAIRMAN*

**DENNIS BRINK**  
*VICE CHAIRMAN*

**KERRY W. WELSH**  
*SUPERVISOR*

**KAREN KLEIST**  
*SECRETARY / TREASURER*

## DINGMAN TOWNSHIP RECREATION BOARD

**GEORGE KLEIST**  
*CHAIRMAN*

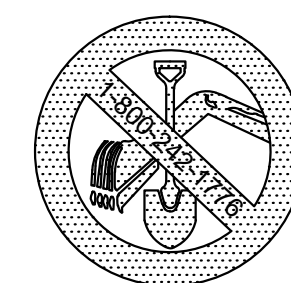
**ANTHONY CONTINO**  
*VICE CHAIRMAN*

**JULIE FORBES**  
*SECRETARY*

**CATHY WICKE**

**MICHAEL LaPADULA**

**MATT SICKLER**



PENNSYLVANIA ONE CALL SYSTEM, INC.  
CALL BEFORE YOU DIG  
PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS  
NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING  
DAYS IN DESIGN STAGE - STOP CALL 1-800-242-1776

PA1System Inc.

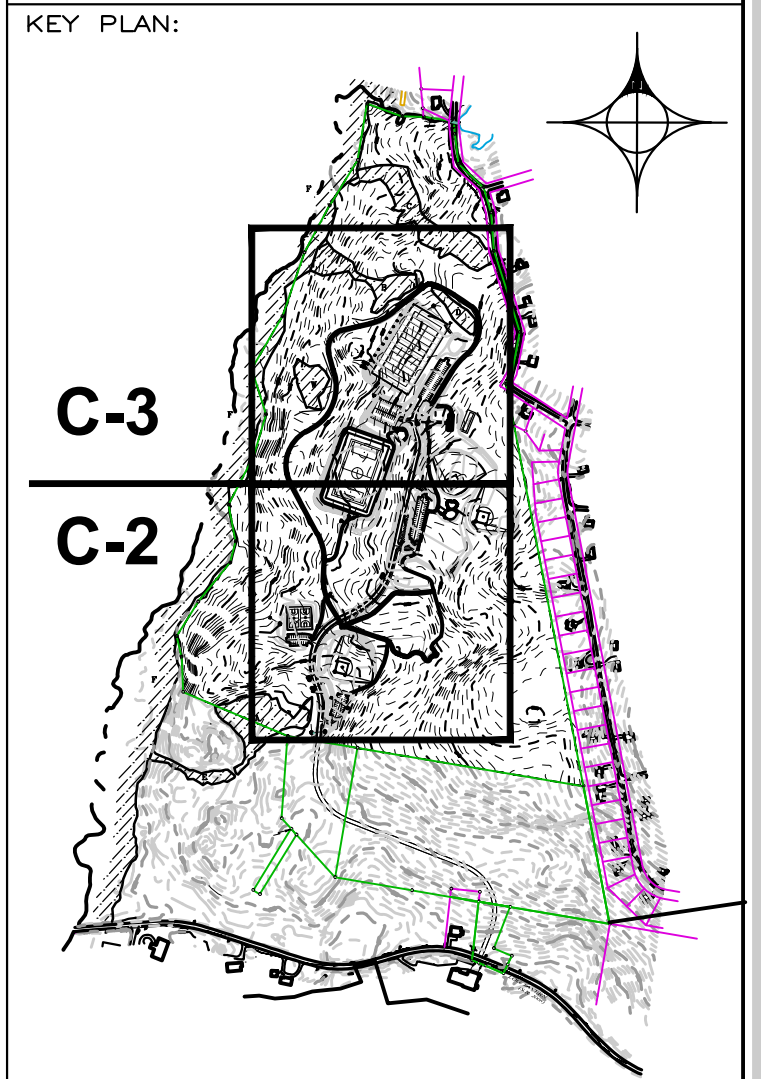
LIST OF DRAWINGS	
DWG. NUMBER	DESCRIPTION
<b>CV</b>	<b>COVER</b>
<b>C-1</b>	<b>OVERALL LOOP TRAIL LAYOUT</b>
<b>C-2</b>	<b>LOOP TRAIL LAYOUT - SOUTH SECTION</b>
<b>C-3</b>	<b>LOOP TRAIL LAYOUT - NORTH SECTION</b>

JUNE 12, 2017

CLIENT:  
Dingman Township  
118 Fisher Lane  
Milford, PA 18337  
~ Pike County, Pennsylvania ~

CONSULTANT:  
**McLANE ASSOCIATES**  
LANDSCAPE ARCHITECTURE  
ENVIRONMENTAL SCIENCE  
RECREATION PLANNING  
601 STAFFORD AVENUE  
SCRANTON, PA 18505  
(570) 345-5668 • F (570) 341-5413

SEALS:  
  
THOMAS J. McLane, R.L.A.  
REGISTERED LANDSCAPE ARCHITECT



PROJECT TITLE:  
**DINGMAN TOWNSHIP PARK  
LOOP TRAIL**  
◆  
Pike County, Pennsylvania

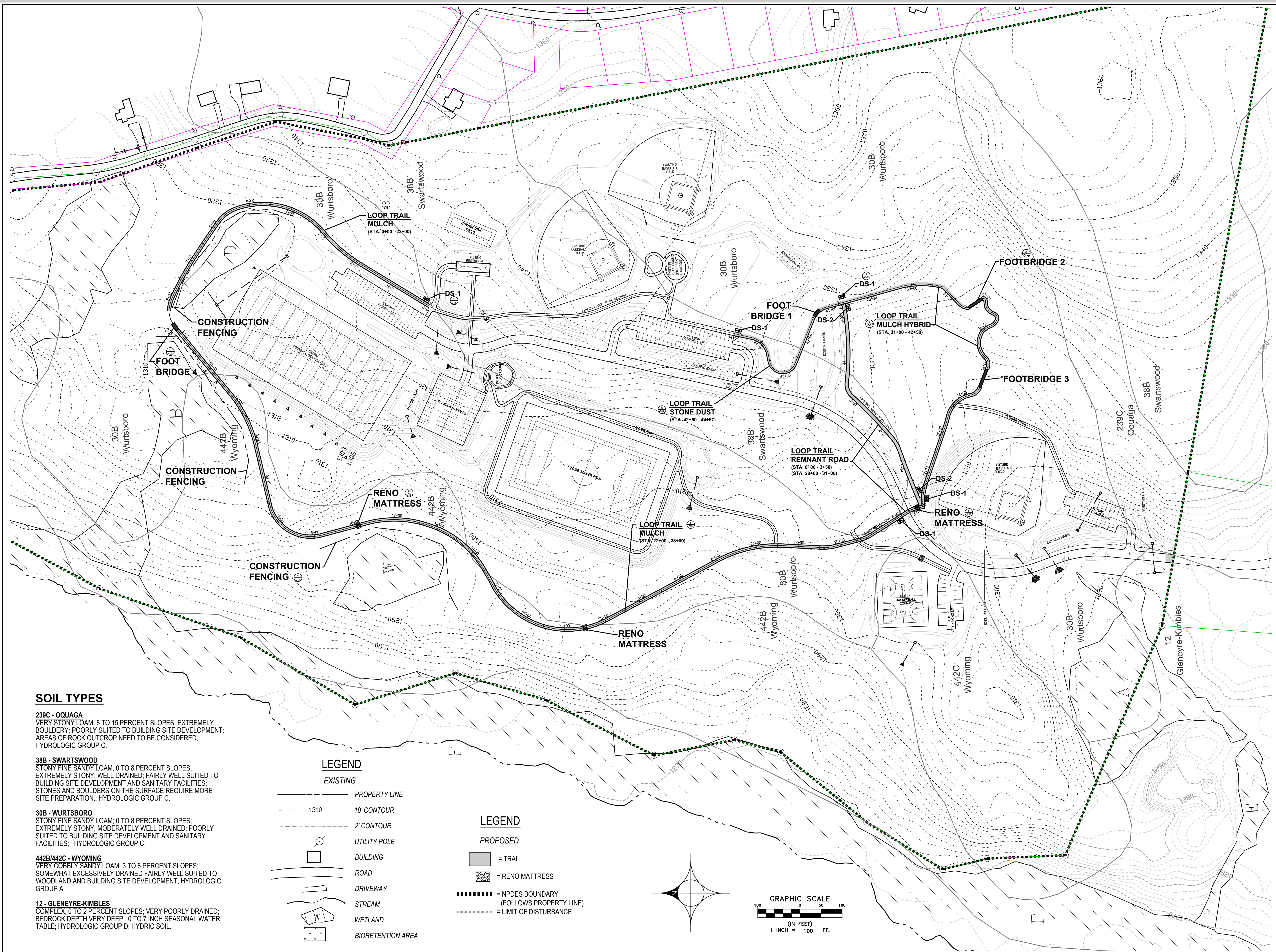
DRAWING TITLE:  
**COVER SHEET**

REVISION DATE:  
06/12/17 - INVITATION TO BID; CONSTRUCTION DOCUMENTS

DRAWN BY: PWB  
CHECKED BY: TJM

DATE: 06-12-17  
PROJECT NO: 1724

DRAWING NO:  
**CV**



**SOIL TYPES**

- 239C - OQUAGA**  
VERY STONY LOAM; 8 TO 15 PERCENT SLOPES; EXTREMELY BOULDERY; POORLY SUITED TO BUILDING SITE DEVELOPMENT; AREAS OF ROCK OUTCROP NEED TO BE CONSIDERED; HYDROLOGIC GROUP C.
- 38B - SWARTSWOOD**  
STONY FINE SANDY LOAM; 0 TO 8 PERCENT SLOPES; EXTREMELY STONY, WELL DRAINED; FAIRLY WELL SUITED TO BUILDING SITE DEVELOPMENT AND SANITARY FACILITIES; STONES AND BOULDERS ON THE SURFACE REQUIRE MORE SITE PREPARATION; HYDROLOGIC GROUP C.
- 30B - WURTSBORO**  
STONY FINE SANDY LOAM; 0 TO 8 PERCENT SLOPES; EXTREMELY STONY, MODERATELY WELL DRAINED; POORLY SUITED TO BUILDING SITE DEVELOPMENT AND SANITARY FACILITIES; HYDROLOGIC GROUP C.
- 442B/442C - WYOMING**  
VERY COBBLY SANDY LOAM; 3 TO 8 PERCENT SLOPES; SOMEWHAT EXCESSIVELY DRAINED FAIRLY WELL SUITED TO WOODLAND AND BUILDING SITE DEVELOPMENT; HYDROLOGIC GROUP A.
- 12 - GLENEYRE-KIMBLES**  
COMPLEX; 0 TO 2 PERCENT SLOPES; VERY POORLY DRAINED; BEDROCK DEPTH VERY DEEP; 0 TO 7 INCH SEASONAL WATER TABLE; HYDROLOGIC GROUP D; HYDRIC SOIL.

**LEGEND**

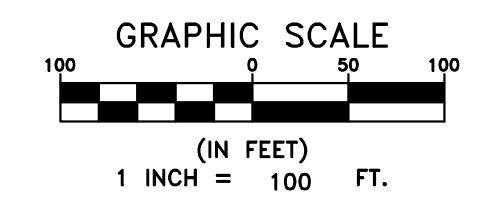
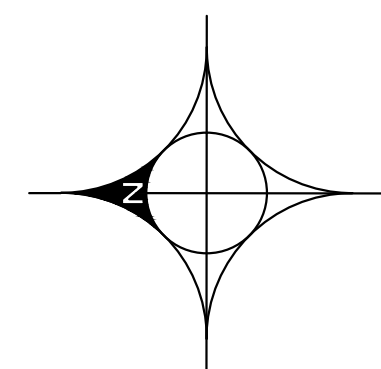
**EXISTING**

- PROPERTY LINE
- - - - - 10' CONTOUR
- - - - - 2' CONTOUR
- UTILITY POLE
- BUILDING
- ROAD
- DRIVEWAY
- STREAM
- W WETLAND
- BIORETENTION AREA

**LEGEND**

**PROPOSED**

- = TRAIL
- ▨ = RENO MATTRESS
- = NPDES BOUNDARY (FOLLOWS PROPERTY LINE)
- = LIMIT OF DISTURBANCE

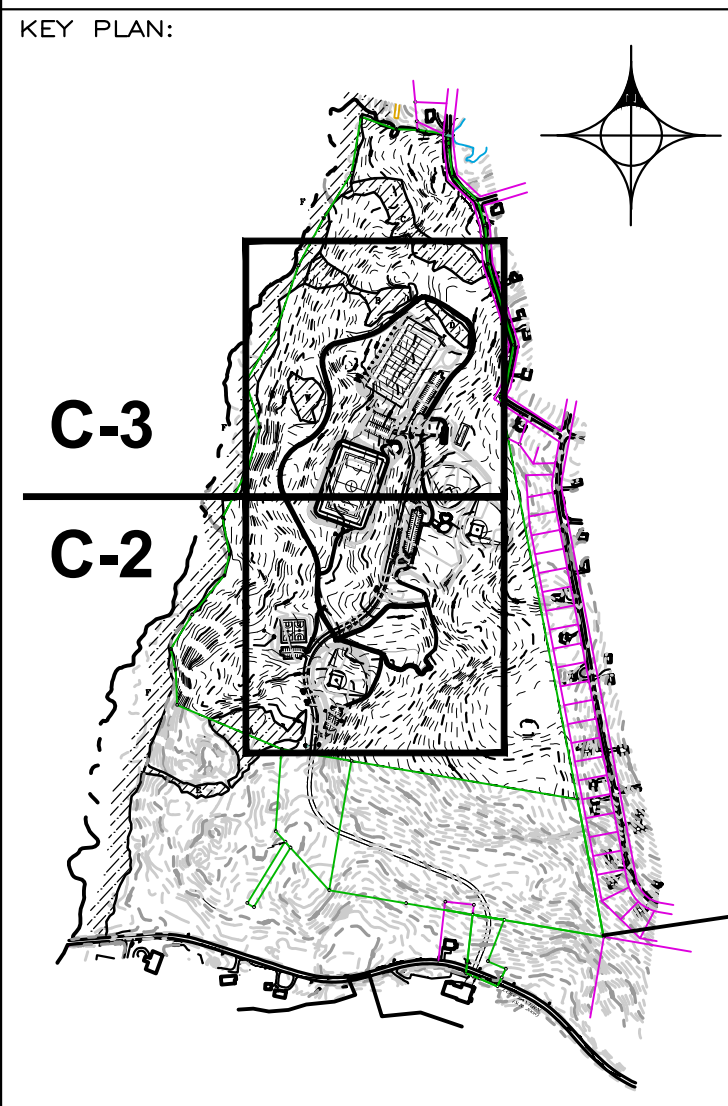


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LANDSCAPE ARCHITECTURE ENVIRONMENTAL SCIENCE RECREATION PLANNING  
601 STAFFORD AVENUE  
SCRANTON, PA 18505  
(570) 343-3668 F (570) 344-9413

SEALS:  
  
THOMAS J. McLANE, R.L.A.  
REGISTERED LANDSCAPE ARCHITECT, NO. LA000348



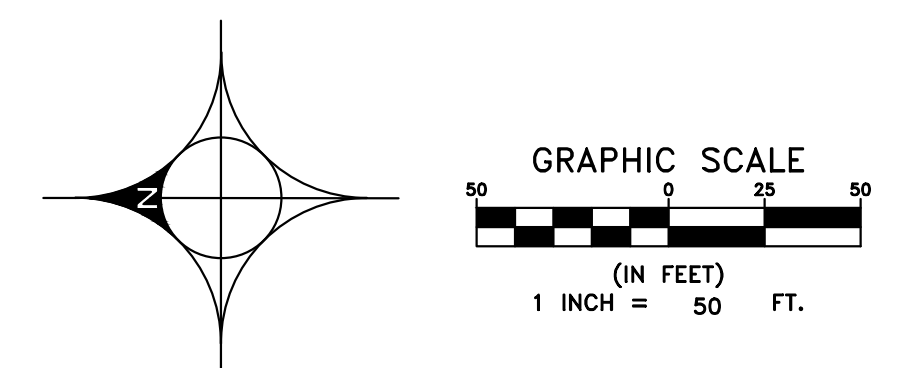
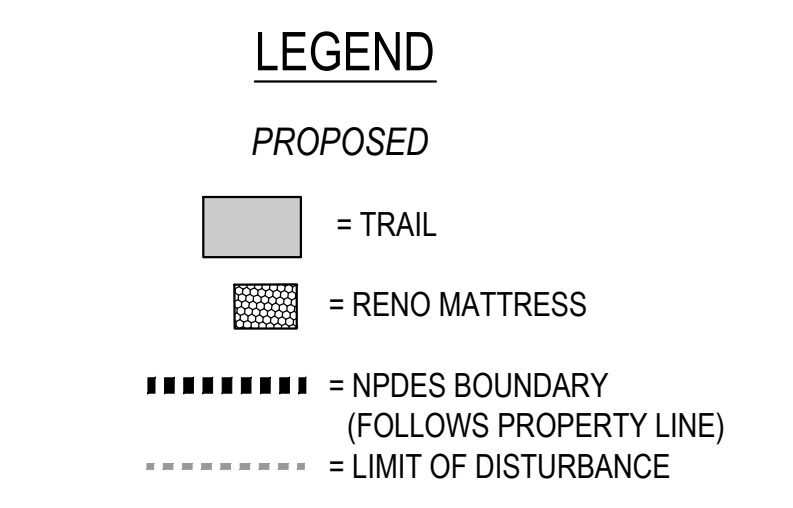
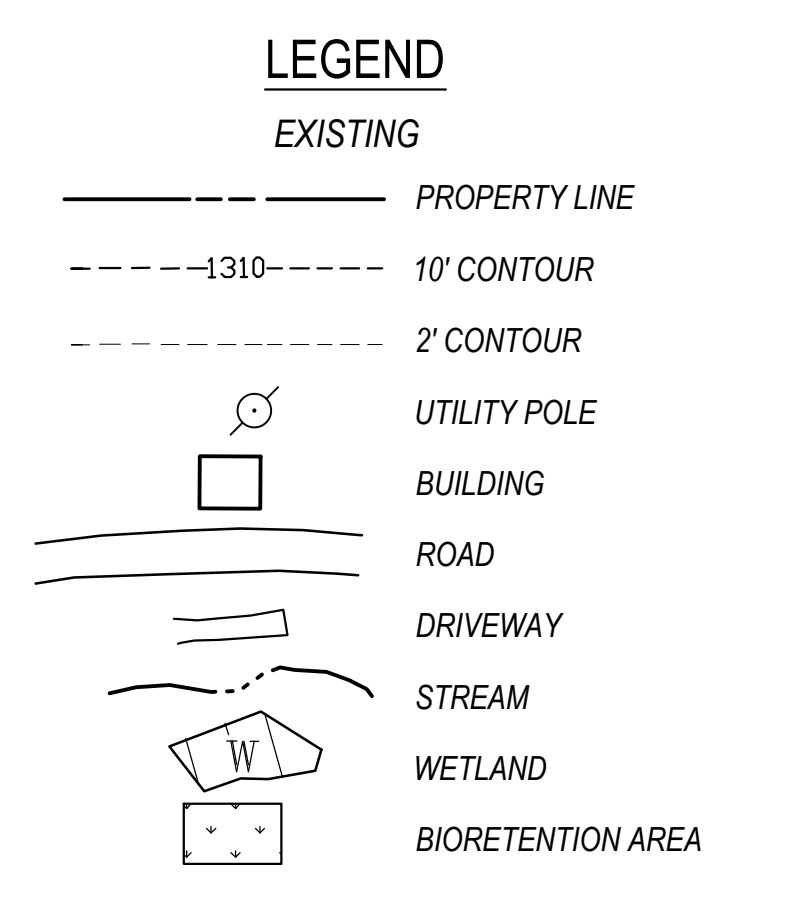
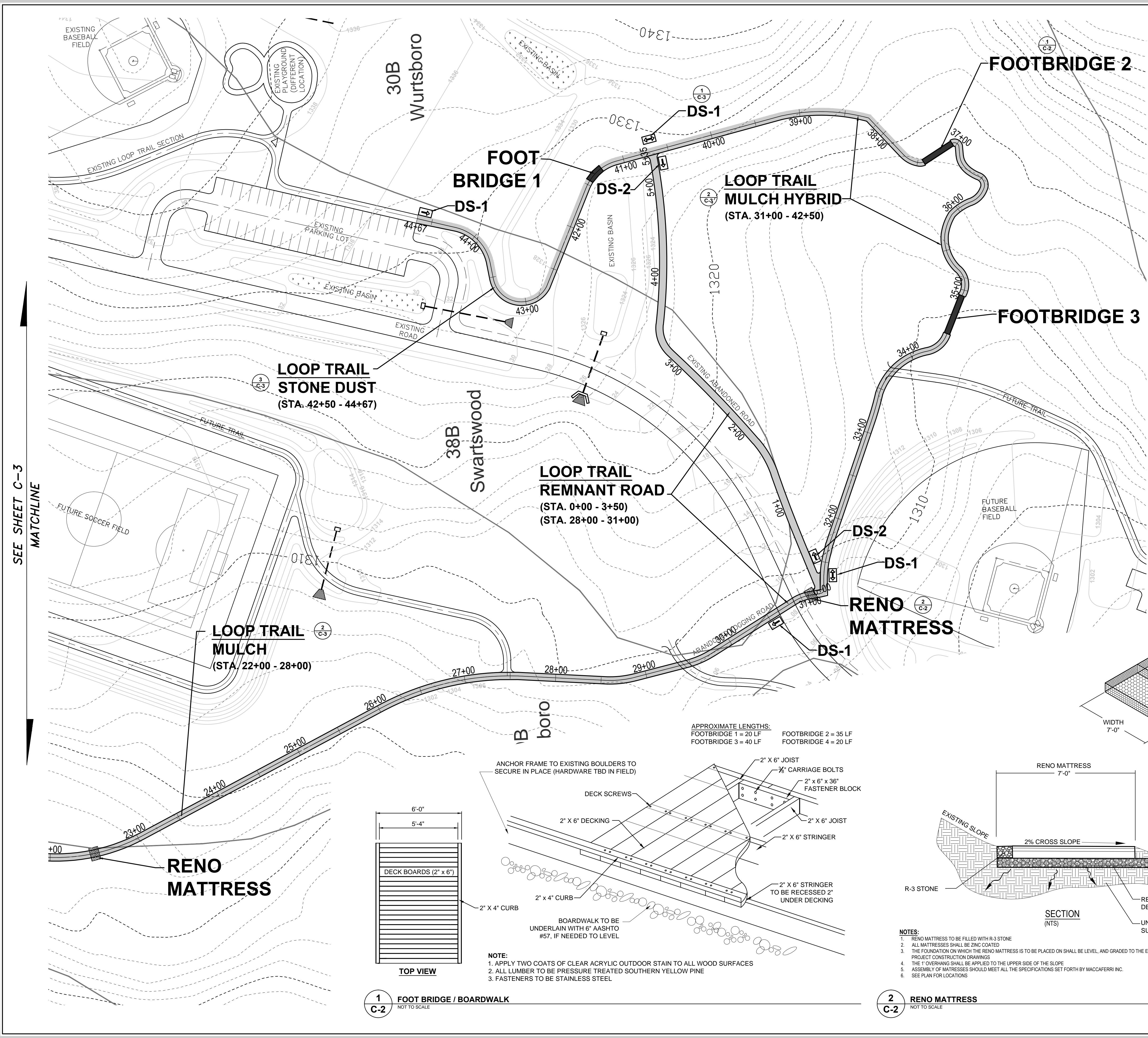
PROJECT TITLE:  
**DINGMAN TOWNSHIP PARK LOOP TRAIL**  
Pike County, Pennsylvania

DRAWING TITLE:  
**OVERALL TRAIL LAYOUT**

REVISION DATE:  
06/12/17 - INVITATION TO BID; CONSTRUCTION DOCUMENTS

DRAWN BY: PWB	CHECKED BY: TJM
DATE: 06-12-17	PROJECT NO: 1724

DRAWING NO:  
**C-1**

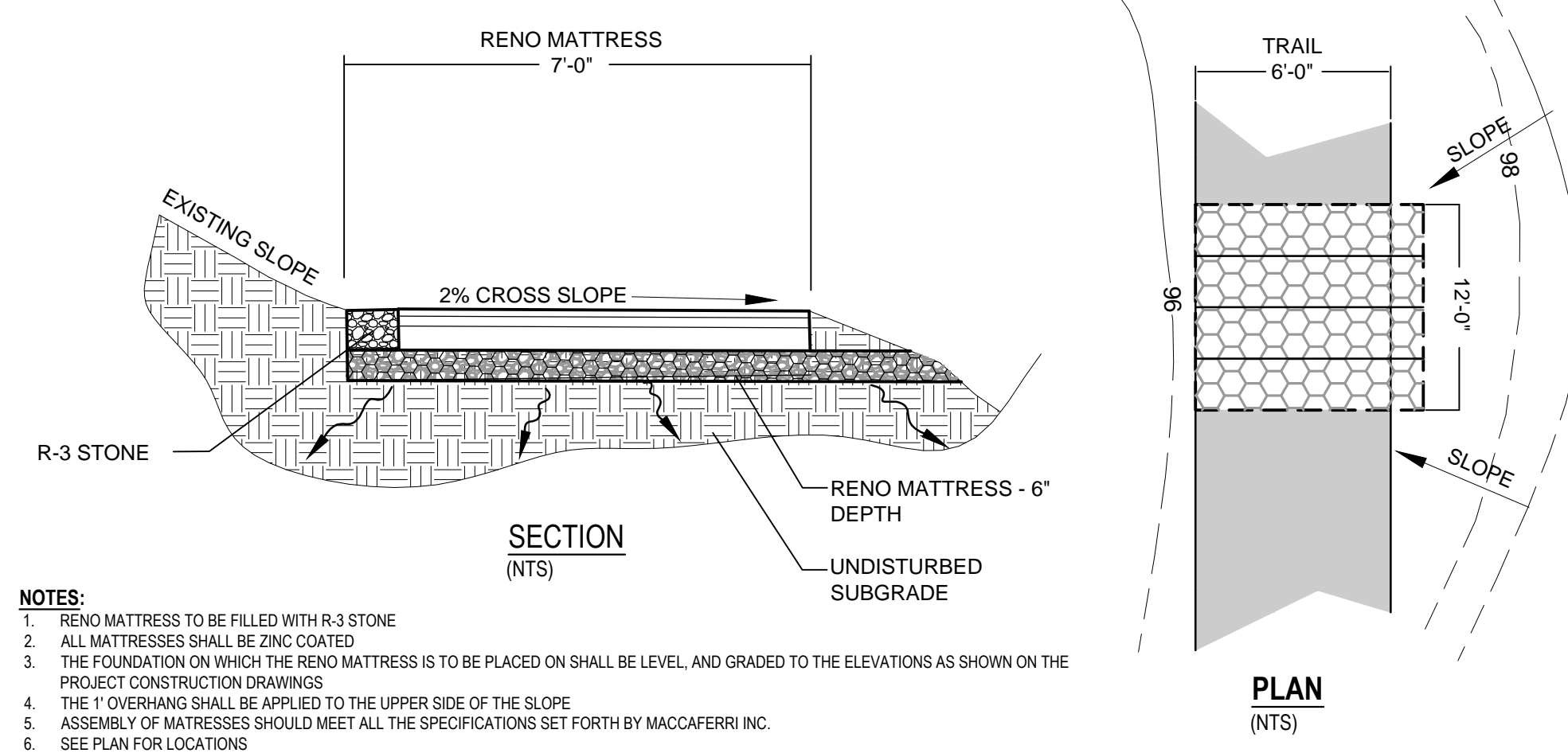
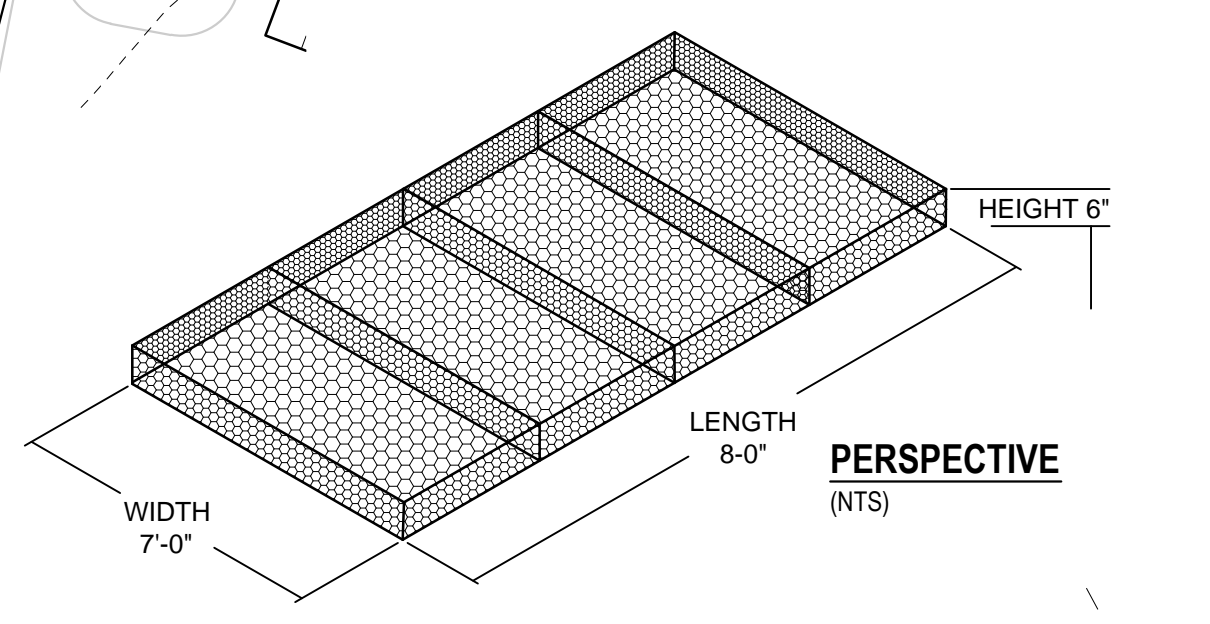


**CONSERVATION SHADE MIX (ERNMX - 129)**  
 SEED RATE: 8LB PER 1,000 SF  
 MULCH RATE: 140LB PER 1,000 SF

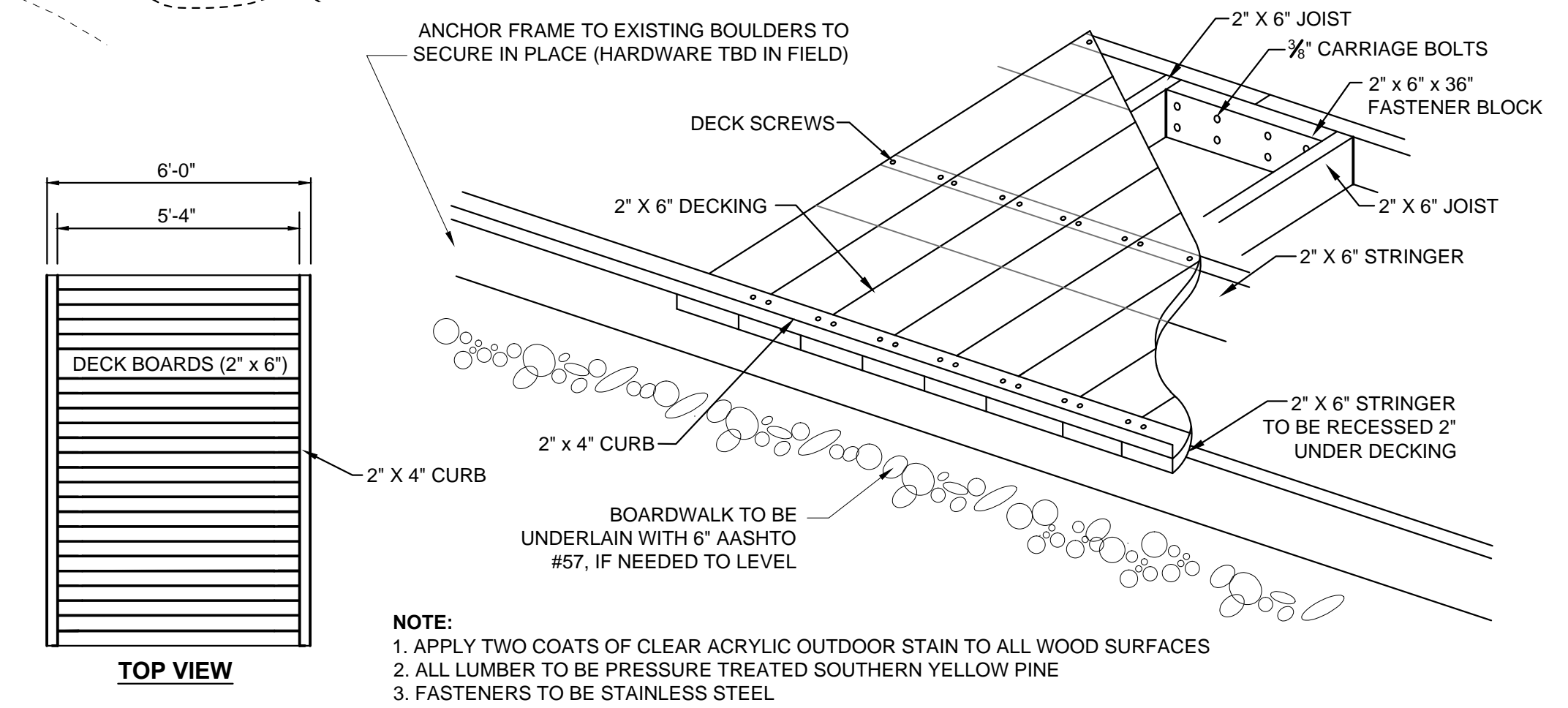
30% Chewings Fescue (*Festuca rubra* ssp. *commutata*)  
 30% Creeping Red Fescue, Pennlawn (*Festuca rubra*, Pennlawn)  
 20% Annual Ryegrass (*Lolium multiflorum* (L. perenne var. *italicum*)  
 10% Rough Bluegrass (*Poa trivialis*)  
 10% Kentucky Bluegrass, Alley Cat (*Poa pratensis*, Alley Cat)

DISTURBED EARTH AREAS NOT STABILIZED WITH MULCH SHOULD BE SEEDED WITH THE ABOVE SEED MIX TO STABILIZE THE GROUND. PENNODOT FORMULA B CAN BE USED IN ANY AREAS NOT UNDER CANOPY.

**EARTH DISTURBANCE AREAS**



- NOTES:**
- RENO MATTRESS TO BE FILLED WITH R-3 STONE
  - ALL MATTRESSES SHALL BE ZINC COATED
  - THE FOUNDATION ON WHICH THE RENO MATTRESS IS TO BE PLACED ON SHALL BE LEVEL AND GRADED TO THE ELEVATIONS AS SHOWN ON THE PROJECT CONSTRUCTION DRAWINGS
  - THE 1' OVERHANG SHALL BE APPLIED TO THE UPPER SIDE OF THE SLOPE
  - ASSEMBLY OF MATTRESSES SHOULD MEET ALL THE SPECIFICATIONS SET FORTH BY MACCAFERRI INC.
  - SEE PLAN FOR LOCATIONS



**1 FOOT BRIDGE / BOARDWALK**  
NOT TO SCALE

**2 RENO MATTRESS**  
NOT TO SCALE

SEE SHEET C-3  
MATCHLINE

CLIENT:  
 Dingman Township  
 118 Fisher Lane  
 Milford, PA 18337

~ Pike County, Pennsylvania ~

CONSULTANT:  
**McLANE ASSOCIATES**  
 LANDSCAPE ARCHITECTURE ENVIRONMENTAL SCIENCE RECREATION PLANNING  
 601 STAFFORD AVENUE SCRANTON, PA 18505 (570) 343-3668 F (570) 344-9413

SEALS:

THOMAS J. McLANE, R.L.A.  
 REGISTERED LANDSCAPE ARCHITECT NO. LA000348

KEY PLAN:

**C-3**  
**C-2**

PROJECT TITLE:  
**DINGMAN TOWNSHIP PARK LOOP TRAIL**

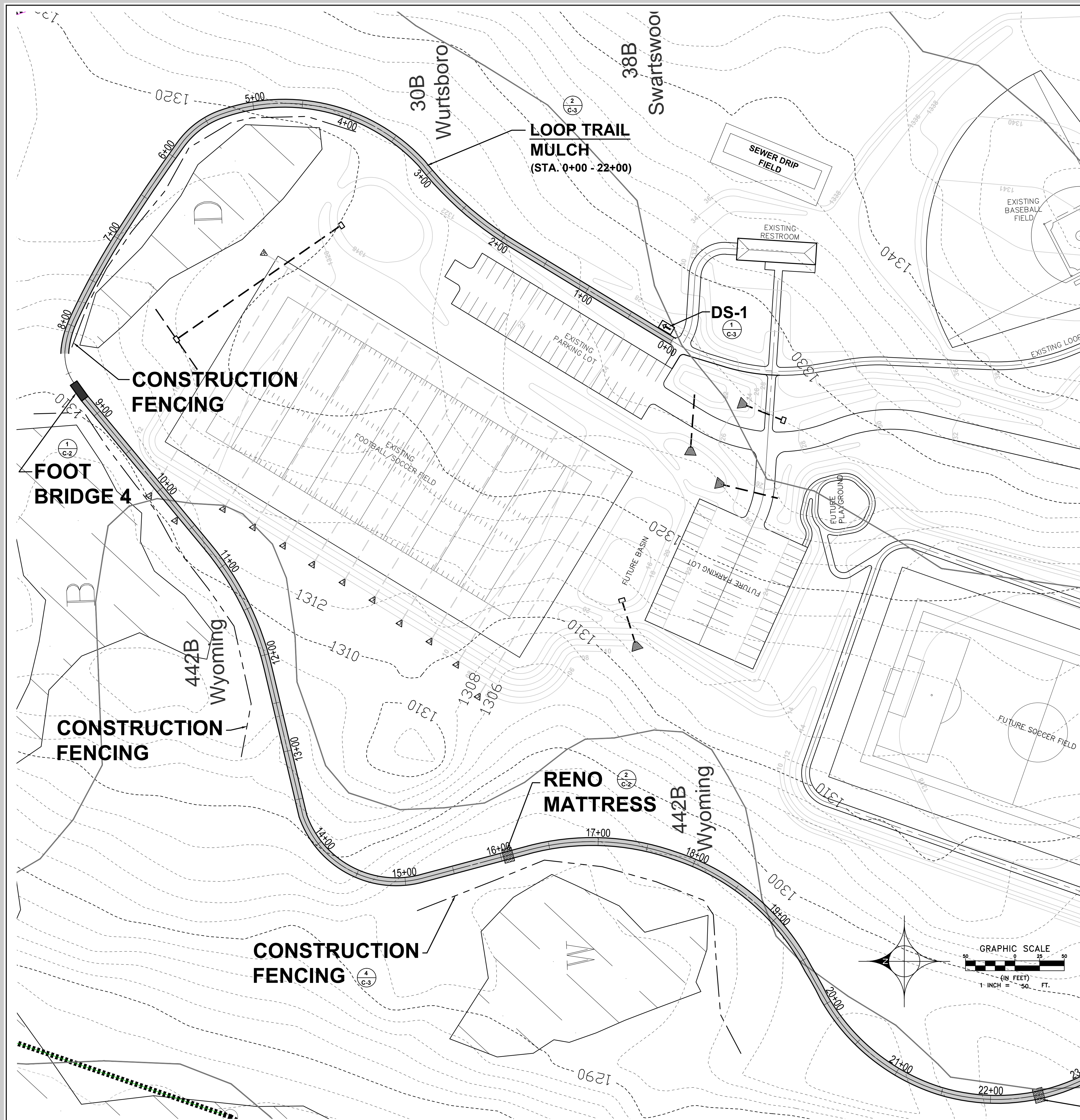
Pike County, Pennsylvania

DRAWING TITLE:  
**LOOP TRAIL LAYOUT (SOUTH SECTION)**

REVISION DATE:  
 06/12/17 - INVITATION TO BID; CONSTRUCTION DOCUMENTS

DRAWN BY: PWB	CHECKED BY: TJM
DATE: 06-12-17	PROJECT NO: 1724

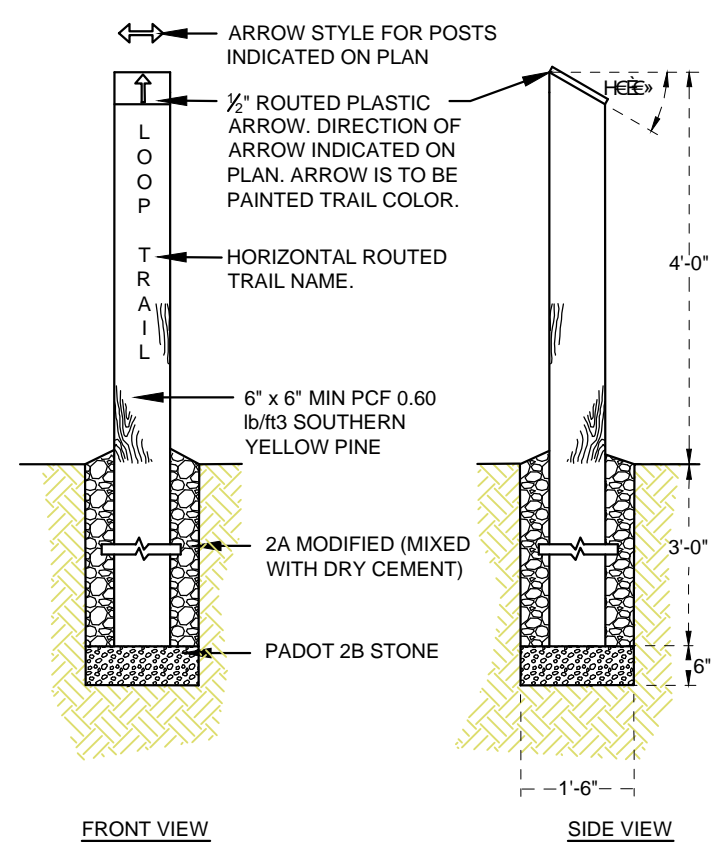
DRAWING NO:  
**C-2**



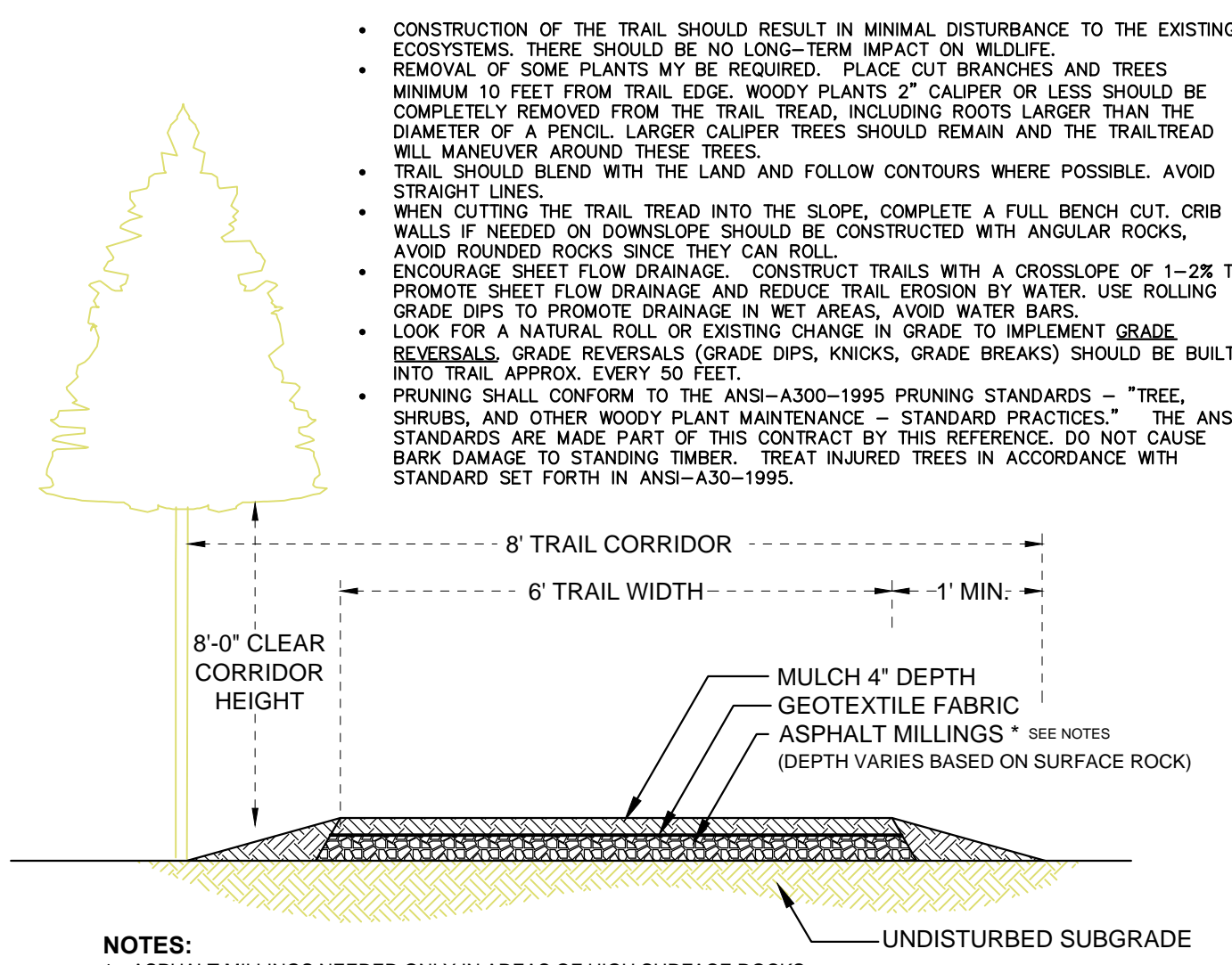
**LEGEND**

- EXISTING**
- PROPERTY LINE
  - - - 10' CONTOUR
  - - - 2' CONTOUR
  - UTILITY POLE
  - BUILDING
  - ROAD
  - DRIVEWAY
  - STREAM
  - W WETLAND
  - BIORETENTION AREA
- PROPOSED**
- TRAIL
  - RENO MATTRESS
  - NPDES BOUNDARY (PROPERTY LINE)
  - - - LIMIT OF DISTURBANCE

CODE	QTY	SIGN TEXT
DS-1	5	LOOP TRAIL
DS-2	2	SPUR TRAIL



- NOTES:**
- APPLY TWO COATS OF CLEAR ACRYLIC OUTDOOR STAIN TO ALL WOOD SURFACES
  - SIGNS ARE TO BE LOCATED APPROXIMATELY 10' FROM THE START OR INTERSECTION OF A TRAIL ADJACENT TO TRAIL (1)
- 1 DIRECTIONAL SIGNAGE (DS)**  
NOT TO SCALE



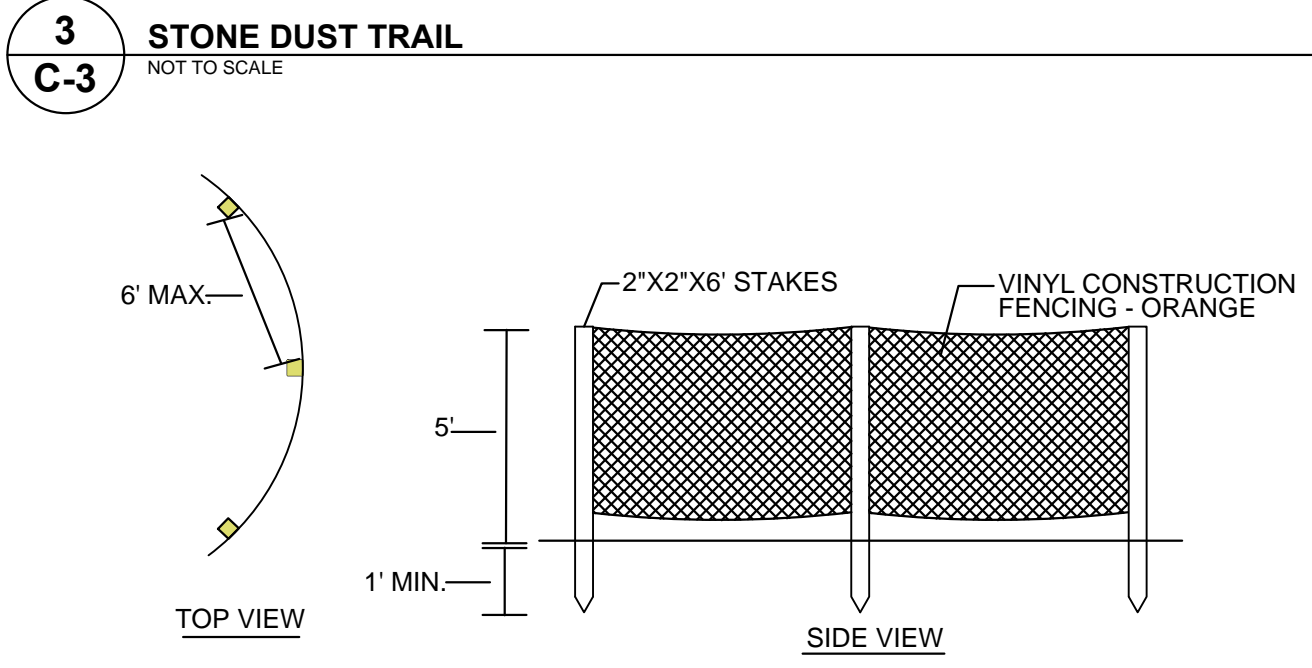
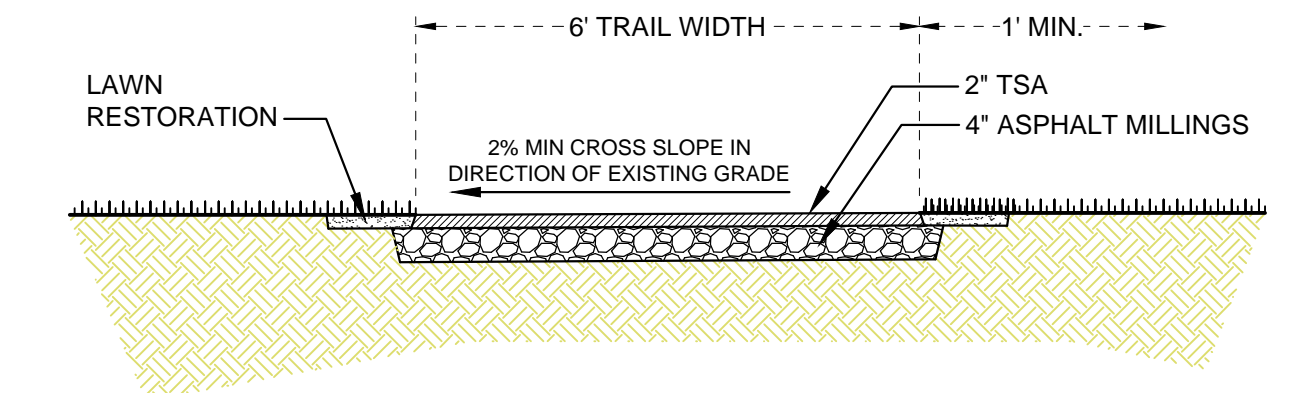
TSA can be made using a traditional sieve gradation, or using a "recipe" approach that mixes existing aggregate gradations. The "recipe approach" may be more cost-effective for ordering small amounts of TSA for smaller jobs.

**TSA RECIPE:**  
Combine existing aggregates and water in the ratio:

- 1 part AASHTO # 8
- 4 parts unwashed AASHTO # 10 (or B3 sand)
- 1 part minus #200 fines (collector fines)

**TSA GRADATION:**

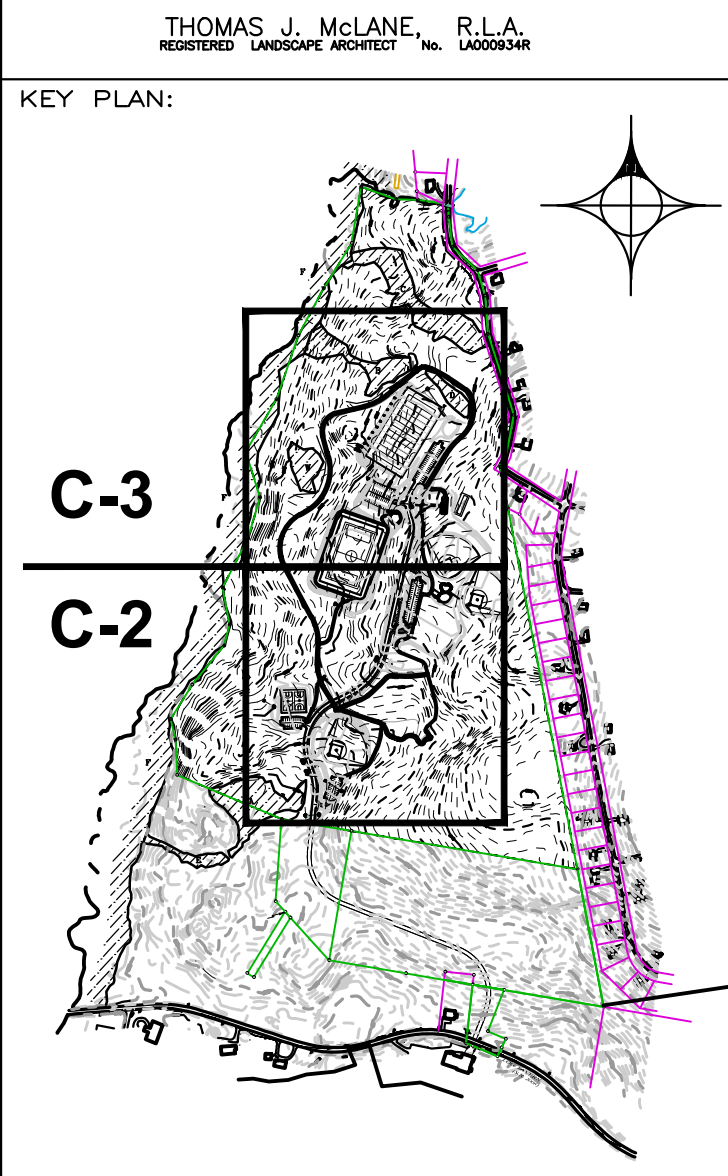
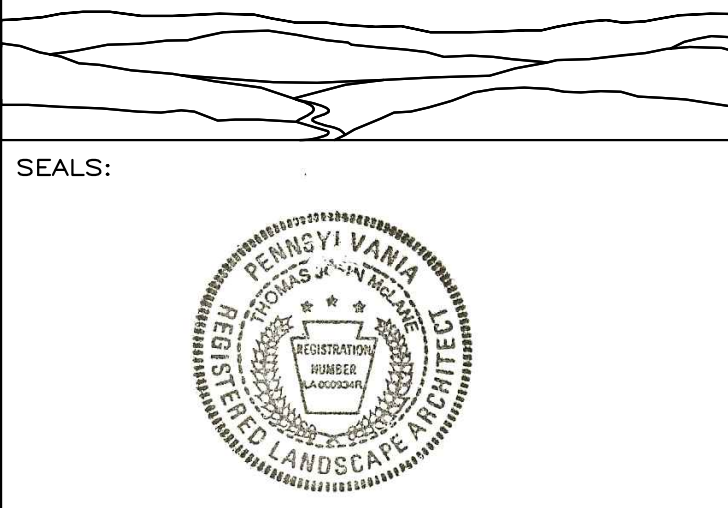
Sieve Size	TSA Percent Passing
1/2"	100%
3/8"	96-100
#4	75-90
#8	35-75
#16	25-50
#200	12-20



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(570) 343-3668 # (570) 344-9413



PROJECT TITLE:  
**DINGMAN TOWNSHIP PARK LOOP TRAIL**

Pike County, Pennsylvania

DRAWING TITLE:  
**LOOP TRAIL LAYOUT (NORTH SECTION)**

REVISION DATE:  
06/12/17 - INVITATION TO BID; CONSTRUCTION DOCUMENTS

DRAWN BY: PWB	CHECKED BY: TJM
DATE: 06-12-17	PROJECT NO: 1724

DRAWING NO:  
**C-3**

