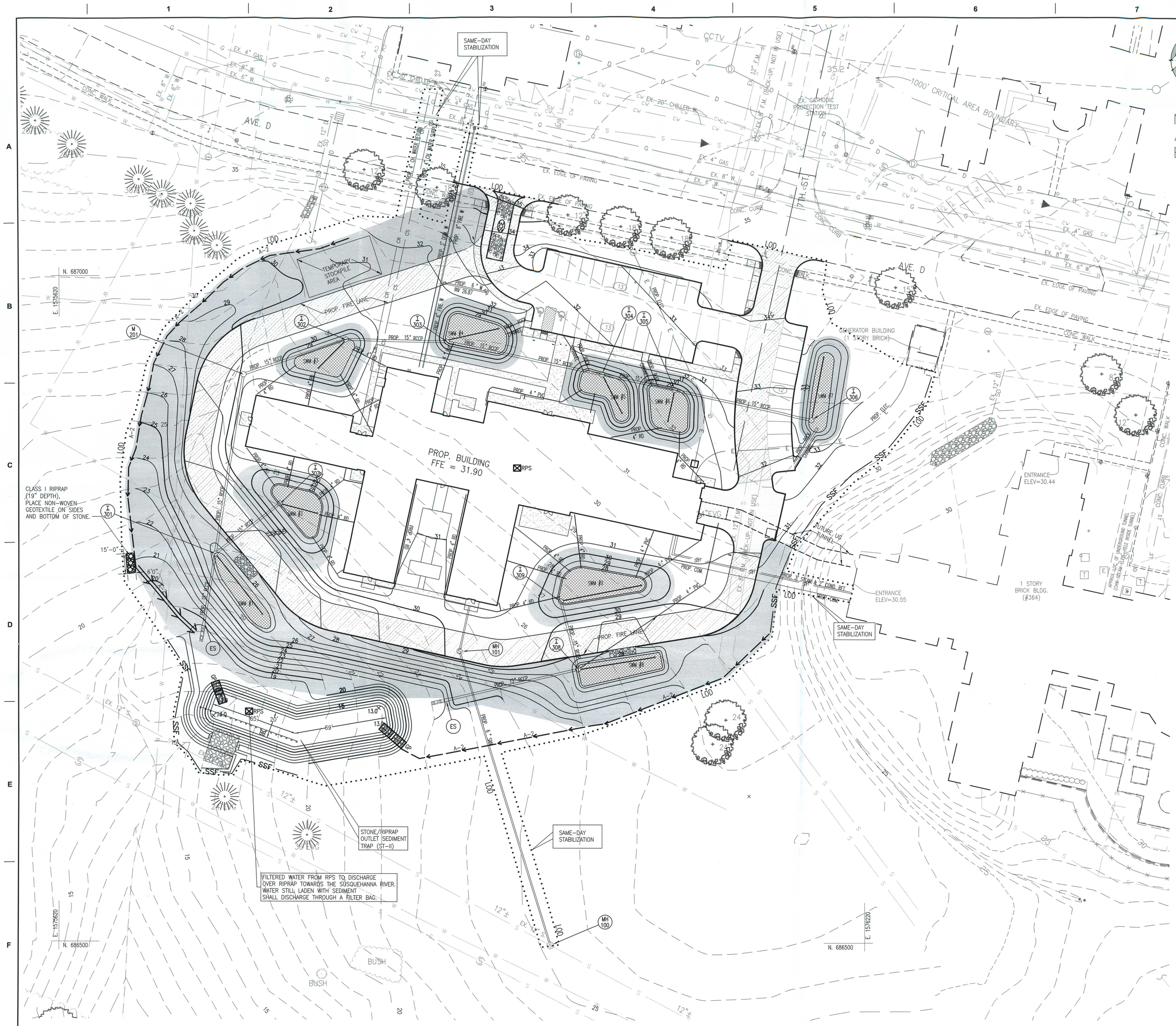
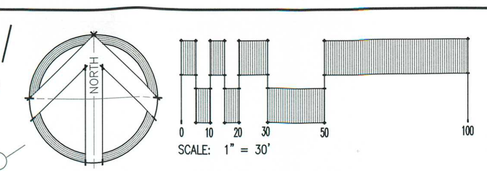
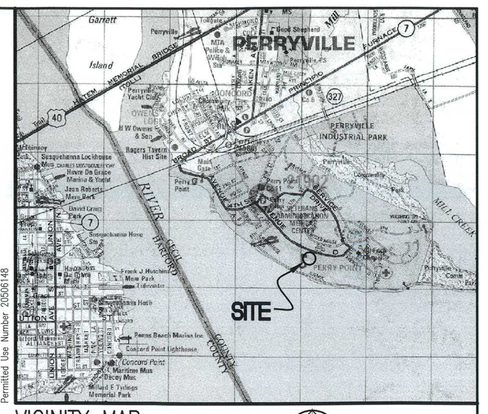




NOTE TO CONTRACTOR: EROSION AND SEDIMENT CONTROL WILL BE STRICTLY ENFORCED.



VICINITY MAP 1"=2000'

SWM FACILITY STABILIZATION NOTE

STORMWATER MANAGEMENT FACILITIES TO BE CONSTRUCTED ONLY AFTER ALL CONTRIBUTING DRAINAGE AREAS ARE STABILIZED.

STONE/RIPRAP OUTLET SEDIMENT TRAP ST-II

DRAINAGE AREA – INITIAL	4.63	ACRES
DRAINAGE AREA – INTERIM	4.63	ACRES
DRAINAGE AREA – FINAL	4.63	ACRES
TOTAL STORAGE REQUIRED	16,668	CF
TOTAL STORAGE PROVIDED	21,355	CF
WET STORAGE REQUIRED	8,334	CF
WET STORAGE PROVIDED	10,830	CF
DRY STORAGE REQUIRED	8,334	CF
DRY STORAGE PROVIDED	10,525	CF
EXISTING GROUND ELEVATION AT OUTLET (WET STORAGE ELEVATION)	16.0	FT
TRAP BOTTOM ELEVATION	13.0	FT
TRAP BOTTOM DIMENSIONS	20 x 134	FT x FT
WEIR LENGTH	20.0	FT
WEIR CREST (DRY STORAGE) ELEVATION	18.0	FT
CLEANOUT ELEVATION	14.5	FT
TOP OF EMBANKMENT ELEVATION	19.0	FT
SIDE SLOPE	2:1	H:V
EMBANKMENT TOP WIDTH	4.0	FT
OUTLET PROTECTION – LENGTH	10.0	FT
OUTLET PROTECTION – DEPTH	19	IN

LEGEND

- EXISTING CONTOURS (350, 348)
- EXISTING TREELINE
- EXISTING TREES
- EXISTING WALK
- EXISTING ROAD
- EXISTING CURB
- EXISTING BUILDING
- PROPOSED CONTOURS (350, 348)
- PROPOSED STORM DRAIN (PROP. SD)
- PROPOSED WATER (PROP. WATER)
- PROPOSED SANITARY SEWER (PROP. SAN)
- PROPOSED ELECTRIC (PROP. ELEC, E)
- PROPOSED STEAM (ST)
- PROPOSED CHILLED WATER SUPPLY (CS)
- PROPOSED CHILLED WATER RETURN (CR)
- SUPER SILT FENCE (SSF)
- TEMPORARY SWALE (A-2 SWALE)
- EARTH DIKE (A-2 DIKE)
- REMOVABLE PUMPING STATION (RPS)
- GABION INFLOW PROTECTION (GP)
- STABILIZED CONSTRUCTION ENTRANCE (SCE)
- OUTFALL PROTECTION
- LIMIT OF DISTURBANCE (LOD)
- STABILIZATION MAT
- BAFFLE BOARD (BB)

APPROVED
NOV 20 2015
SEDIMENT & STORMWATER PLAN REVIEW DIVISION

MDE # 15-SF-0279

BID DOCUMENTS

#	Revision	Date

CONSULTANTS:

HOPE FURRER Associates, Inc.
SITE RESOURCES Comprehensive Land Planning & Site Design Services (410) 683-3388
lee and associates inc

SEAL

STATE OF MARYLAND JOHN A. SHAW No. 46042 10-16-2014 PROFESSIONAL ENGINEER
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 46042, EXPIRATION DATE, 06/10/2016.

ARCHITECTS/ENGINEERS:

AE WORKS
6587 Hamilton Avenue
Pittsburgh, Pennsylvania 15206
Ph: 412.287.7333 Fax: 412.287.7334
www.ae-works.com
AE Works Project Number: 12028

Drawing Title: Erosion & Sediment Control Proposed Conditions Plan

Approved: Project Director

Project Title: Construct a New Residential Rehabilitation Treatment Program (RRTP) Building

Location: Perry Point VA Medical Center, Perry Point, MD 21902

Date: 06-11-15 | Checked: JLH/MAS | Drawn: RSW PGP

Project Number: 512-531

Building Number

Drawing Number: ESC 1.02

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231