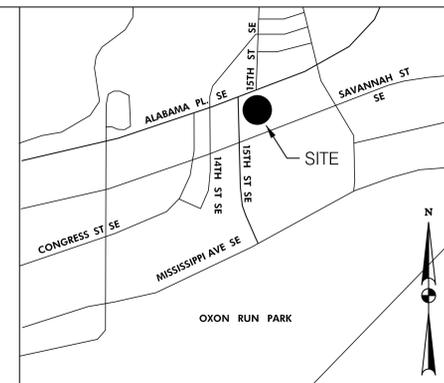


REV.

GENERAL NOTES:

- 1. NOTIFY DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION: MR. TED DYSON, ACTING CHIEF ENGINEERING INSPECTION BRANCH 202-787-2377.
2. CONTACT 'MISS UTILITY' 1-800-257-7777 48 HOURS PRIOR TO THE START OF CONSTRUCTION. THE EXCAVATOR MUST NOTIFY ALL PVE COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.
3. CONTACT DEPARTMENT OF PUBLIC WORKS - PUBLIC SPACE MAINTENANCE ADMINISTRATION 48 HOURS PRIOR TO START OF CONSTRUCTION ON 202-645-6030.
4. ALL PROPOSED WORK TO BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST STANDARD AND SPECIFICATIONS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY.
5. THIS PLAN DOES NOT IMPLY THAT ALL UNDERGROUND UTILITIES AND THOSE SHOWN ARE NECESSARILY APPROXIMATE. THE CONTRACTOR SHALL TAKE ALL AND WHATEVER STEPS NECESSARY TO ACCURATELY LOCATE AND PROTECT ALL EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION TO ENSURE THAT THE PLAN CAN BE EXECUTED. IN THE EVENT OF CONFLICT, THE CONTRACTOR SHALL HAND DIG TEST PITS AT ALL UTILITY CROSSINGS TO DETERMINE THE EXACT LOCATION AND DEPTH WELL IN ADVANCE OF CONSTRUCTION.
6. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE SITE AND MAKE ALL INSPECTION NECESSARY IN ORDER TO DETERMINE THE FULL EXTENT OF THE WORK REQUIRED TO MAKE THE COMPLETED WORK CONFORM TO THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE NATURE AND LOCATION OF THE WORK, CONDITIONS, THE CONFORMATION AND CONDITIONS OF THE EXISTING GROUND SURFACE AND THE CHARACTER OF EQUIPMENTS AND FACILITIES NEEDED PRIOR TO AND DURING EXECUTION OF THE WORK. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE CHARACTER, QUALITY, AND QUANTITY OF SURFACE AND SUBSURFACE MATERIALS OR OBSTACLES TO BE ENCOUNTERED. ANY INACCURACIES OR DISCREPANCIES BETWEEN THE DRAWING AND SPECIFICATIONS MUST BE BROUGHT TO THE OWNER'S ATTENTION IN ORDER TO CLARIFY THE EXACT NATURE OF THE WORK TO BE PERFORMED PRIOR TO THE COMMENCEMENT OF ANY WORK.
7. THE PROPOSED STORMWATER MANAGEMENT SYSTEMS SHALL BE PRIVATELY OWNED AND MAINTAINED INCLUDING ALL PIPING ON PRIVATE PROPERTY.
8. SCHEDULE AND HOLD PRE-CONSTRUCTION MEETING WITH THE SEDIMENT CONTROL INSPECTOR. CALL (202) 535-2240 FOR APPOINTMENT.
9. EXISTING CONDITIONS SHOWN HERE ARE BASED ON THE TOPOGRAPHIC SURVEY
10. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK WITH OTHER CONTRACTORS

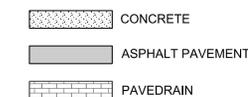


VICINITY MAP
SCALE: 1" = 100'

CONSTRUCTION NOTES

- C-1. CONSTRUCT CONCRETE CURB. REFER DETAIL ON 'DETAIL SHEET'.
C-2. CONSTRUCT BAY AREA. REFER STRUCTURE DRAWINGS FOR DETAIL.
C-3. CONSTRUCT RETAINING WALL. REFER STRUCTURE DRAWINGS FOR DETAIL.
C-4. CONSTRUCT ASPHALT PAVING. REFER DETAIL ON 'DETAIL SHEET'.
C-5. CONSTRUCT PAVEDRAIN. REFER DETAIL ON 'DETAIL SHEET'.

LEGEND (EXISTING):



NARRATIVE

THE EXISTING SITE (ALABAMA AVENUE SUBSTATION #136) IS LOCATED AT 3302 15' STREET, SE IN WASHINGTON, DC. THE EXISTING CONDITION CONSISTS OF ONE TWO STORY BRICK BUILDING AND ASPHALT DRIVEWAY AROUND THE BUILDING. THE ENTIRE SITE IS BOUNDED BY THE CHAIN LINK FENCE. THE TOTAL EXISTING SITE AREA IS 53,281 SF AND EXISTING IMPERVIOUS AREA WITHIN LIMIT OF DISTURBANCE IS 1,865 SF RESPECTIVELY.

THE PROPOSED IMPROVEMENT CONSISTS OF ADDITION OF TWO (2) SHUNT REACTORS AND ONE (1) SPARE TRANSFORMER TO THE WESTSIDE OF EXISTING SUBSTATION. TOTAL IMPERVIOUS AREA ADDED FOR THIS IMPROVEMENT IS 8650 SF. PAVE DRAIN PERMEABLE PAVEMENT IS PROPOSED TO SATISFY STORMWATER MANAGEMENT REQUIREMENT. PROPOSED PAVE DRAIN IS DESIGNED TO TREAT ALL NEW IMPERVIOUS AREA ALTHOUGH PORTION OF IMPERVIOUS AREA DOES NOT DRAIN INTO FACILITY. THE LOCATION OF SWM FACILITY IS NOT FEASIBLE AT DOWNSTREAM SIDE OF DRIVEWAY DUE TO EXISTING UNDERGROUND UTILITIES. ALL DISTURBED AREA WILL BE PERMANENTLY STABILIZED WITH TOPSOIL, SEED AND MULCH. THERE IS NO CHANGE IN DRAINAGE AREA AND PATTERN IN EXISTING AND PROPOSED CONDITION. TOTAL LIMIT OF DISTURBANCE OF THE SITE IS 25,350 SF AND TOTAL IMPERVIOUS AREA WITHIN LIMIT OF DISTURBANCE WITHIN IS 10,515 SF RESPECTIVELY.

SOILS TABLE

Table with 4 columns: Map Unit Symbol, Map Unit Name, Acres in AOI, Percent of AOI. Rows include BeB, CxC, SgD, U1, U7, Ub, and Totals for Area of Interest.

WORK REQ. NO. XXXXXXX

ALABAMA AVENUE SUB STATION 136

SITE PLAN

POTOMAC ELECTRIC POWER CO.

Table with columns for CHKD, APPD, DR BY, HP, ENGR, DATE, and SCALE. Includes a signature line for REV.

AS-BUILT CERTIFICATION BY PROFESSIONAL ENGINEER

Within 21 days after completion of construction of the stormwater discharge facility, please send this page to the Watershed Protection Division - Department of Health.

1. Stormwater discharge facility information:

Source Name:
Source Location: Street:
City:
DCRA Permit No.:
Date Issued:

2. As Built Certification

I hereby certify that stormwater discharge facility has been built substantially in accordance with the approved plans and specifications, and that any substantial deviations (noted below) will not prevent the system from functioning in compliance with the requirements of section 526 through 535 of DCMR-21, Chapter 5 when properly maintained and operated. These determinations have been based upon on-site observation of construction, scheduled and conducted by me or by a project representative under my direct supervision. I have enclosed one set of as-built engineering drawings.

Signature of Engineer:
Name (Please Type) D.C. Reg. No.

Affix Seal:

Company Name:
Company Address:
date: Phone No.:

Substantial deviations from the approved plans and specifications (attached additional sheets if required).

STATEMENT BY PROFESSIONAL ENGINEER REGISTERED IN THE DISTRICT OF COLUMBIA

This is to certify that the engineering features of this stormwater discharge facility have been designed / examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of stormwater pollutants. I further certify that the facility has been designed in accordance with the specification required under Section 526 through 535 of DCMR-21, Chapter 5. It is also stated that the undersigned has furnished the applicant with a set of instructions for the maintenance and operation of the stormwater discharge facility.

Signature of Engineer: Sanjay Patel

SANJAY B. PATEL, PROJECT MANAGER

Name and title (Please type)

9450 ANNAPOLIS ROAD, LANHAM

Address

MARYLAND, 20706

date: 08/06/2014 Tel. No. (301) 306-3091



AB CONSULTANTS, INC.

9450 ANNAPOLIS ROAD
LANHAM, MARYLAND 20706
PHONE: (301) 306 - 3091
FAX: (301) 306 - 3092

STATEMENT BY PERSON RESPONSIBLE FOR MAINTENANCE

The undersigned agrees to maintain and operate the discharge facilities in such a manner as to comply with the provisions of Section 526 through 535 of DCMR-21, Chapter 5. Responsibility for maintenance and operation may be transferred to another entity upon written notice to the Watershed Protection Division of the Department of Health from the undersigned and the entity assuming responsibility, certifying that the transfer of responsibility for maintenance and operation in compliance with Section 526 through 535 of DCMR-21, Chapter 5 has been accepted.

Signature of the person responsible for maintenance (It may be Applicant)

Name and title (Please type)

Address

date: Tel. No.

Table with columns for DESCRIPTION and CORR CHKD, APPD, APPD, APPD, APPD.

REVISIONS