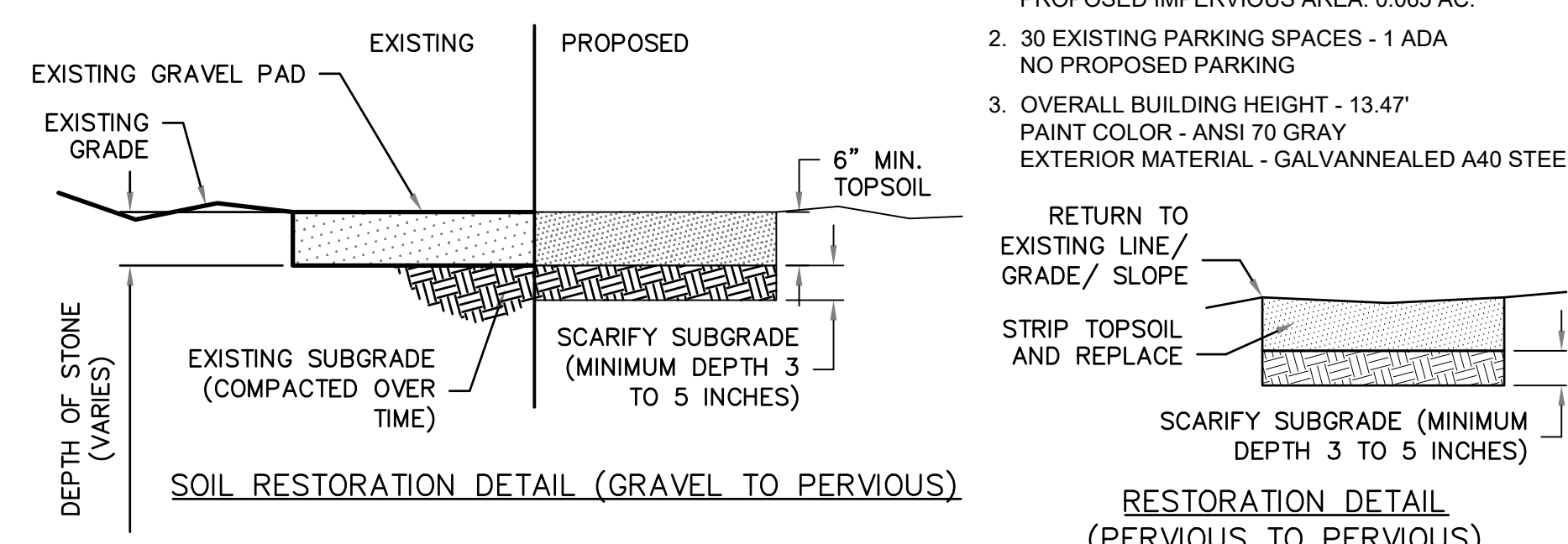


LEGEND	
NO.	DESCRIPTION
1	MOSs IN SUBSTATION - PAD SIZE (5'5" x 3'4")
2	ODM IN SUBSTATION - PAD SIZE (5'x12')
3	750 kVA AUX Xfmr - PAD SIZE (8'x8')
4	NEW 13'x45' STUBLINE AMPGARD SWITCHGEAR BUILDING - PAD SIZE 15'x53' (SEE NOTE 3)
5	BRIDGE - PIER FOUNDATION SIZE (1'10"x6')
6(a)	CABLE TRAY SUPPORT FOUNDATION (3'x3') - 29 nos. ON GRAVEL
6(b)	CABLE TRAY SUPPORT FOUNDATION (3'x3') - 8 nos. ON GRASS
7	EXTERIOR WALL MOUNTED LED LIGHT
[Grey Box]	NEW IMPERVIOUS AREAS (AREA F)
[Light Green Box]	NEW PERVIOUS AREAS (AREA D)
[Green Box]	EX PERVIOUS TO REMAIN PERVIOUS (AREA C)
[Hatched Box]	PR IMPERVIOUS WORK ON EX IMPERVIOUS (AREA E)
[Dotted Box]	EX IMPERVIOUS MAINTENANCE AREAS (AREA A)
[Dark Green Box]	EX PERVIOUS MAINTENANCE AREAS (AREA B)
[Dashed Line]	SOILS LIMIT
[Solid Line]	EX IMPERVIOUS LIMITS
[Dotted Line]	CABLE TRAY - GENERAL SCHEMATIC
[Thin Solid Line]	LIMITS OF DISTURBANCE

ABBREVIATIONS:

ESC EROSION AND SEDIMENT CONTROL
 EX EXISTING
 FFE FINISHED FLOOR ELEVATION
 LOD LIMITS OF DISTURBANCE
 PDC POWER DISTRIBUTION CENTER
 PR PROPOSED
 SWM STORMWATER MANAGEMENT
 TYP TYPICAL

- NOTES:**
- TOTAL DISTURBED AREA: 0.079 AC.
EXISTING IMPERVIOUS AREA: 0.066 AC.
PROPOSED IMPERVIOUS AREA: 0.065 AC.
 - 30 EXISTING PARKING SPACES - 1 ADA
NO PROPOSED PARKING
 - OVERALL BUILDING HEIGHT - 13.47'
PAINT COLOR - ANSI 70 GRAY
EXTERIOR MATERIAL - GALVANNEALED A40 STEEL



- NOTES:**
- CONTRACTOR TO REMOVE EXISTING STONE IN AREA DELINEATED ON PLANS.
 - SUBGRADE TO BE SCARIFIED BY HAND OR VIA MECHANICAL METHODS TO A MINIMUM DEPTH OF 3 TO 5 INCHES.
 - PLACE TOPSOIL TO MATCH EXISTING STONE LAYER THICKNESS (MINIMUM 6 INCHES).
 - SEED AND MULCH PER 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

SWM INSPECTION CHART		ENGINEER'S APPROVAL	
STAGE		INITIALS	DATE
INSTALL SEDIMENT FENCE AS SHOWN ON EROSION AND SEDIMENT CONTROL PLAN SHEET 4.			
CONSTRUCT EQUIPMENT FOUNDATIONS AS SHOWN ON PLANS.			
RETURN UTILITY MAINTENANCE AREAS - PERVIOUS TO PERVIOUS (AREA B) TO LINE, GRADE, AND HYDROLOGIC CONDITION.			
RETURN UTILITY MAINTENANCE AREAS - IMPERVIOUS TO IMPERVIOUS (AREA A) TO LINE, GRADE, AND HYDROLOGIC CONDITION.			
RESTORE CONVERSION AREA REVERTED TO PERVIOUS - GRAVEL TO PERVIOUS (AREA D).			
REMOVAL OF EXISTING STONE / SUBBASE			
SCARIFYING SUBBASE			
PLACE TOPSOIL FILL TO LINE (SEE DETAIL THIS SHEET) AND FINE GRADE			
GRASS ESTABLISHMENT			
STABILIZE ANY DISTURBED AREAS, REMOVE SILT FENCE AND ANY REMNANTS OF CONSTRUCTION, INCLUDING STAKES.			
A MINIMUM OF 2" STAND OF DENSE GRASS IS ESTABLISHED. (AREAS B, C, & D)			
RECORDATION OF THE STORMWATER MANAGEMENT AND FOREST CONSERVATION EASEMENT PRIOR TO THE AS-BUILT SUBMISSION. SUBMIT PROOF OF RECORDATION WITH AS-BUILT.			
SUBMIT AS-BUILT MYLARS TO CARROLL COUNTY BUREAU OF RESOURCE MANAGEMENT WITHIN 30 DAYS OF COMPLETION.			
PLEASE NOTIFY CERTIFYING ENGINEER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION			
ENGINEER'S NAME: DENNIS QUINN, P.E. NO. 21540, EXP. DATE 03/26/2025			
PHONE NUMBER: 703-346-6645			

AREA TO BE CONVERTED FROM IMPERVIOUS TO PERVIOUS (WEST OF POND 2)

Project Data Table					
A	Utility Maintenance Area - Impervious to Impervious	1,527	sf	0.035	acres
B	Utility Maintenance Area - Pervious to Pervious	247	sf	0.006	acres
C	Proposed Work - Pervious to Pervious	243	sf	0.006	acres
D	Proposed Work - Impervious to Pervious	100	sf	0.002	acres
E	Proposed Work - Impervious to Impervious	1,251	sf	0.029	acres
F	Proposed Work - Pervious to Impervious	72	sf	0.002	acres
Utility Maintenance Area (A+B)		1,774	sf	0.041	acres
New Development (C+D+E+F)		1,666	sf	0.038	acres
Change in Impervious Area		-28	sf	-0.001	acres

05/14/2024

7658 Coppersmith Drive
 Mechanicsville, VA 23103
 703-479-7505

Newport News, VA
 Raleigh, NC
 Charlottesville, VA
 Virginia Beach, VA

PROPOSED SITE & SWM PLAN
 COLONIAL PIPELINE SUBSTATION BUILDING REPLACEMENT PROJECT
 929 HOODS MILL ROAD, WOODBINE, MARYLAND 21797

REVISIONS

DESIGNED BY: SJC
 DRAWN BY: AS
 CHECKED BY: EEH
 SCALE: 1" = 20'
 DATE: MAY 14, 2024
 PROJECT NUMBER: 566805

C3.0
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