

### DETAIL E-9-1 STANDARD INLET PROTECTION

**STANDARD SYMBOL**  
SIP

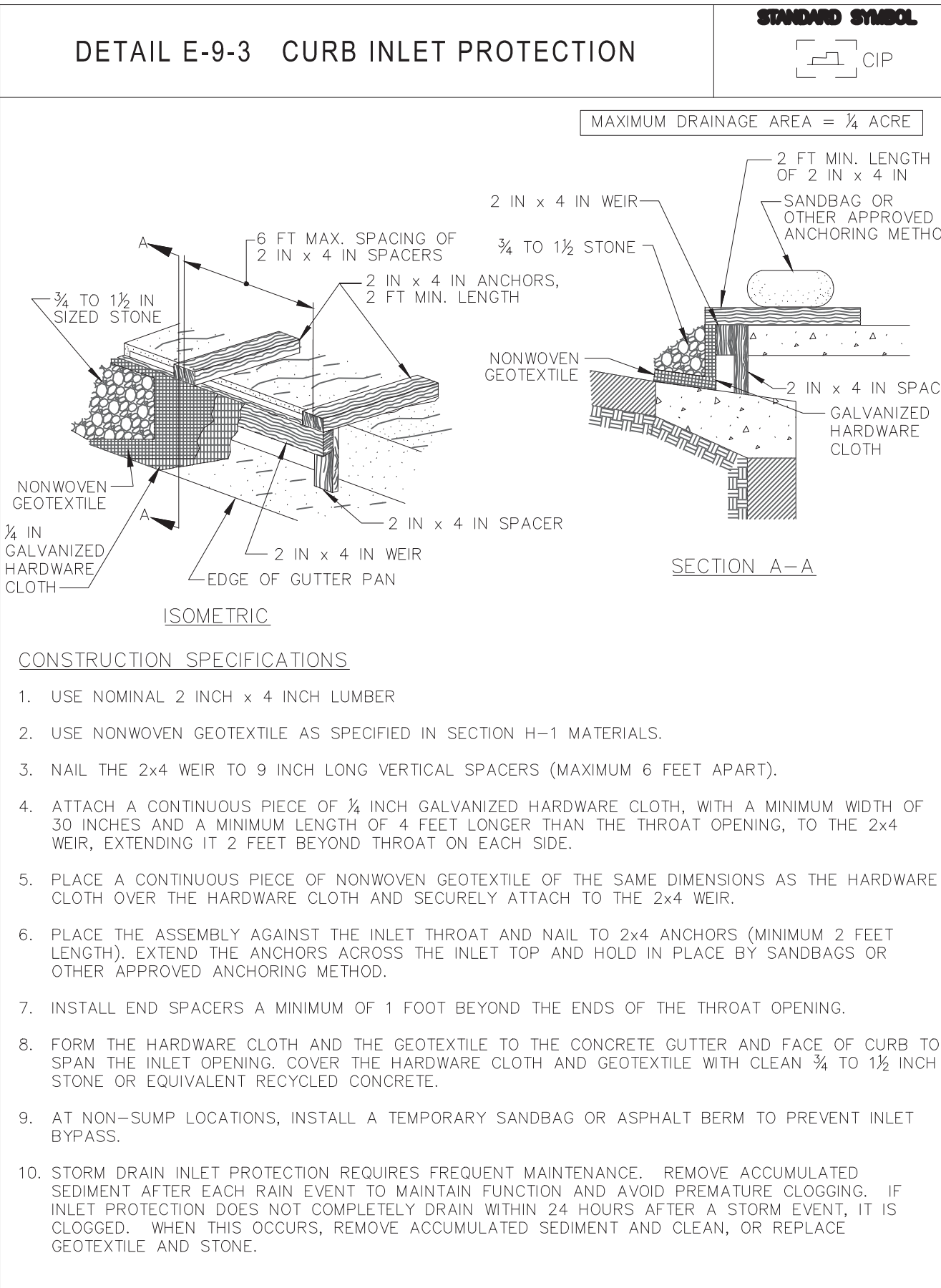
**CONSTRUCTION SPECIFICATIONS**

- USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
- EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18 INCHES BELOW THE NOTCH ELEVATION.
- FOR TYPE A, USE NOMINAL 2 INCH X 4 INCH CONSTRUCTION GRADE LUMBER POSTS, DRIVEN 1 FOOT INTO THE GROUND AT EACH CORNER OF THE INLET. PLACE NAIL STRIPS BETWEEN THE POSTS ON THE ENDS OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2x4 FRAME AS SHOWN. STRETCH ½ INCH GALVANIZED HARDWARE CLOTH TIGHTLY AROUND THE FRAME AND FASTEN SECURELY. FASTEN GEOTEXTILE SECURELY TO THE HARDWARE CLOTH WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND HARDWARE CLOTH A MINIMUM OF 18 INCHES BELOW THE WEIR CREST. THE ENDS OF THE GEOTEXTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED, THEN FASTENED TO THE POST.
- FOR TYPE B, USE 2 ¾ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND 6 FOOT LENGTH, DRIVEN A MINIMUM OF 36 INCHES BELOW THE WEIR CREST AT EACH CORNER OF THE STRUCTURE. FASTEN 9 GAUGE OR HEAVIER CHAIN LINK FENCE, 42 INCHES IN HEIGHT, SECURELY TO THE FENCE POSTS WITH WIRE TIES. FASTEN GEOTEXTILE SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 18 INCHES BELOW THE WEIR CREST.
- BACKFILL AROUND THE INLET IN LOOSE 4 INCH LIFTS AND COMPACT UNTIL SOIL IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES.
- STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

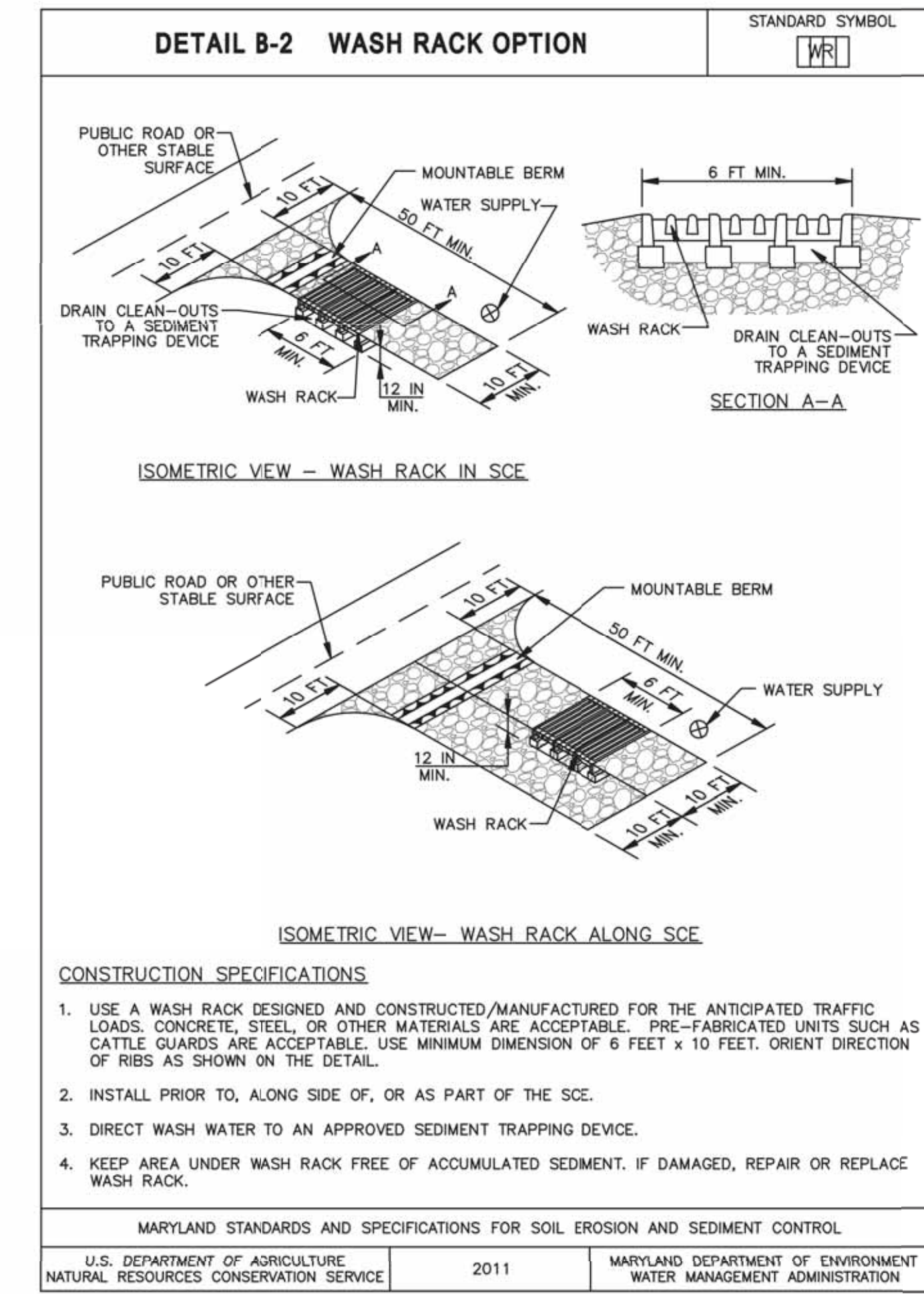
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

2 OF 2



## LEGEND

	EARTH DIKE		BOUNDARY
	SUPERSILT FENCE		EXISTING TREELINE
	SUPERSILT FENCE ON PAVEMENT		PROPOSED TREELINE
	DIVERSION FENCE		EXISTING FENCE
	INLET PROTECTION (C.I.P., A.G.I.P., S.I.P.)		PROPOSED FENCE
	STABILIZED CONSTRUCTION ENTRANCE WITH WASH RACK		SOIL BOUNDARY
	MOUNTABLE BERM		LIMIT OF DISTURBANCE (LOD)
	CONSTRUCTION AREA CHAIN LINK FENCE		EXISTING CONTOUR
	BAFFLE BOARD		PROPOSED CONTOUR LINE
	WETLAND		SPOT ELEVATION
	WETLAND BUFFER		RETAINING WALL
	INITIAL EROSION AND SEDIMENT CONTROL DRAINAGE DIVIDE		SWM/ESD DRAINAGE DIVIDE
	FINAL EROSION AND SEDIMENT CONTROL DRAINAGE DIVIDE		HDPE FLARED END SECTION
	SOIL BORING LOCATION AND ID		STORM MANHOLE
	CONCRETE WASH OUT STRUCTURE		PROPOSED STORM DRAIN PIPE
	PORTABLE SEDIMENT TANK		EXISTING STORM DRAIN
	REMOVABLE PUMP STATION		EXISTING STORM DRAIN (>36")
	FILTER BAG		EXISTING FEATURES TO BE REMOVED
	SUMP PIT		CURB INLET STRUCTURE
	RIPRAP INFLOW PROTECTION		YARD INLET STRUCTURE
	TEMPORARY STOCKPILE AREA		STORM DRAIN STRUCTURE ID NO.
	MATERIAL STAGING AND STORAGE AREA		RIP-RAP
	CONTRACTOR PARKING		CURB OPENING WITH RIP-RAP FLUME
	CONTRACTOR TRAILERS		DIVERSION FENCE
	EXISTING PAVEMENT/BUILDING DEMOLITION		SIDEWALK
	EROSION CONTROL MATTING		CURB AND GUTTER
	IRRIGATION CONTROL VALVE		WATER MAIN (EXISTING)
	SEWER MANHOLE		WATER MAIN (PROPOSED)
	SEWER MANHOLE		SEWER MAIN (EXISTING)
	UNKNOWN MANHOLE		SEWER MAIN (PROPOSED)
	ELECTRIC MANHOLE		FIRE HYDRANT
	ELECTRIC METER		WSSC WATER METER VAULT ASSEMBLY (STD DTL W/5.0a)
	TELEPHONE JUNCT. BOX		SWALE (FLOW DIRECTION)
	WATER METER		MILL AND OVERLAY EXISTING PAVEMENT
	WATER MANHOLE		FULL DEPTH PAVEMENT
	WATER VALVE		CONCRETE PAVEMENT
	GAS METER		PROJECT AREA
	GAS VALVE		MICRO-BIO-RETENTION PRACTICE M-6
	TELEPHONE MANHOLE		SUBMERGED GRAVEL WETLAND
	ACCESSIBLE PARKING		CHAINLINK FENCE
	UTILITY POLE		OVERHEAD ELEC. LINE
	GAS LINE		ELECTRIC



V:\2024\MARLBOROUGH\13-PCGCS-RFP-DCP\1324\1700-CADD\DRAWINGS\SC08\EROSION AND SEDIMENT DETAILS AND LEGEND.DWG

**CONTRACTOR:**  
GILBANE BUILDING COMPANY  
1215 EAST FORT AVENUE  
BALTIMORE, MD 21230  
email: MRICKETS@GILBANE.CO

**OWNER:**  
THE BOARD OF EDUCATION OF  
PRINCE GEORGE'S COUNTY  
C/O JASON WASHINGTON  
LOUIS WILSON SR., FACILITIES ADMIN BUILDING  
13300 OLD MARLBORO PIKE  
UPPER MARLBORO, MD 20772  
email: JASON.WASHINGTON@PGCPS.ORG

**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. 11391 EXPIRATION DATE: 03-25-2023



No.	REVISION	DATE	BY

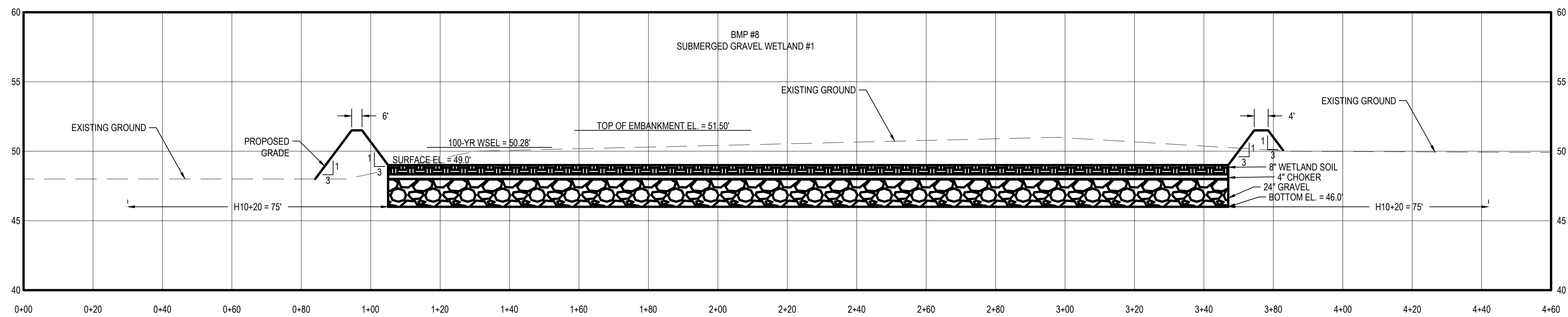
**Stantec**  
6110 Frost Place  
Laurel, MD 20707-2927  
tel: 301-992-2929  
olarnold@stantec.com  
www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing or any notes or omissions shall be reported to Stantec without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

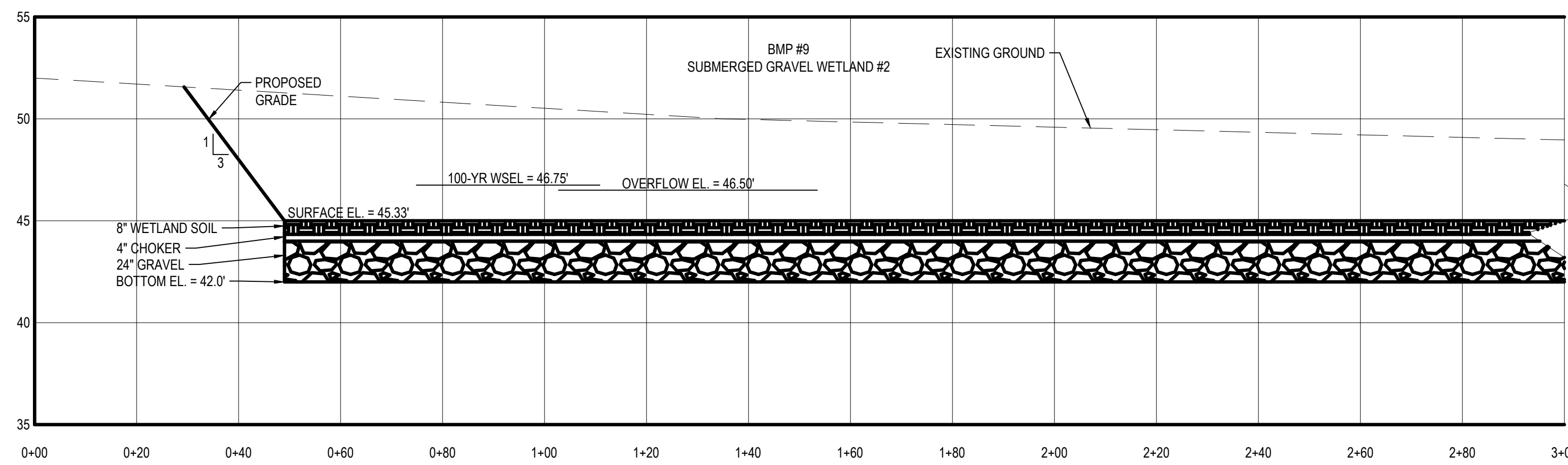
**PRINCE GEORGE'S COUNTY PUBLIC SCHOOL**  
NEW SOUTHERN AREA K-8  
COMBINED CONCEPT AND ENVIRONMENTAL SITE DEVELOPMENT  
GRADING, EROSION AND SEDIMENT CONTROL  
DETAILS AND LEGEND  
PRINCE GEORGE'S COUNTY, MARYLAND

RLP/GMHA DESIGN	SCALE	N/A
GMHA DRAWN	<b>SC08</b>	
KHN/AKA		
CHECKED	SHEET	8 OF 10
DATE	218320533	FILE No.

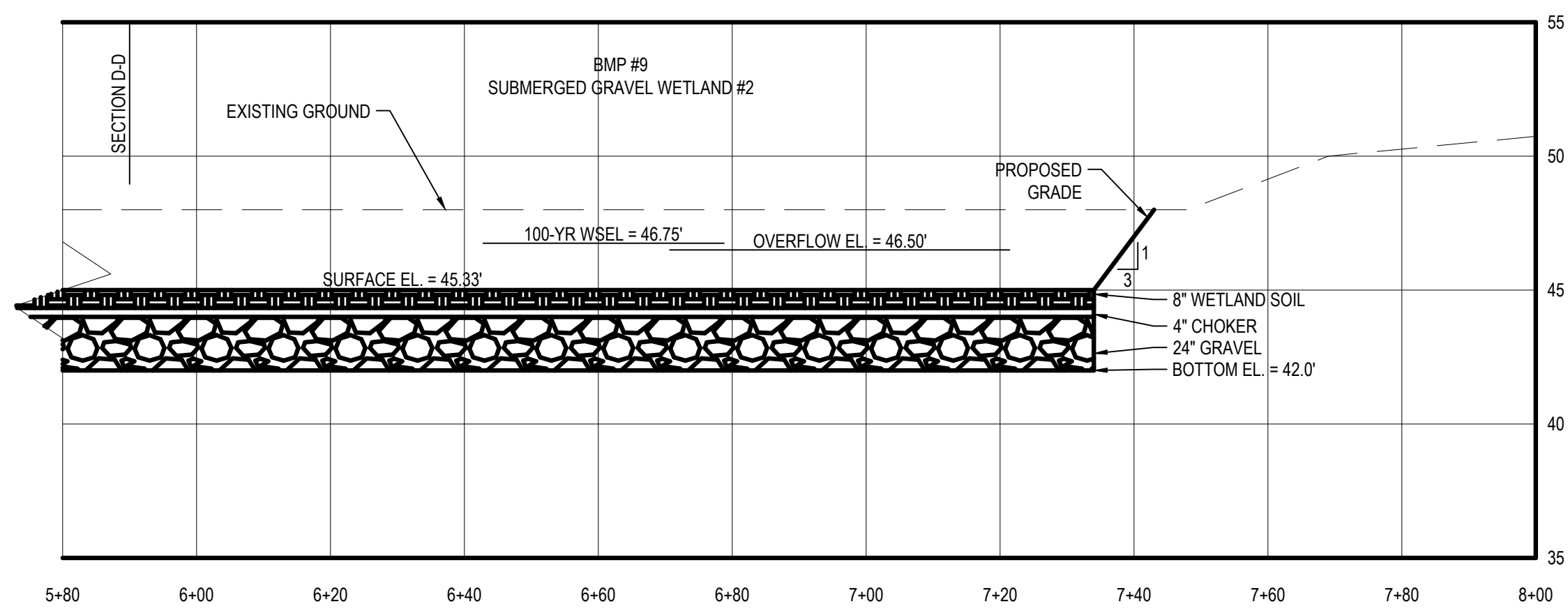




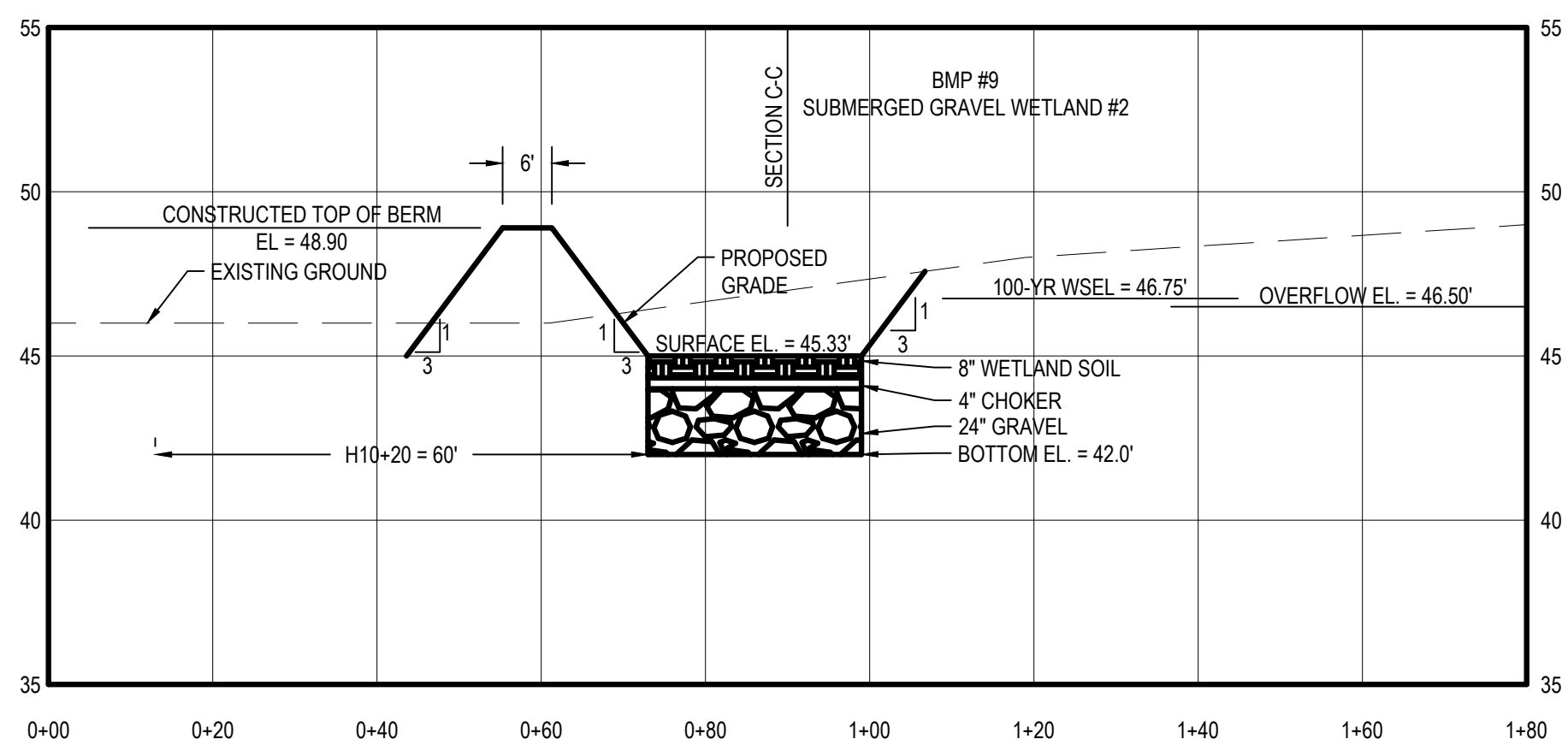
**SECTION A-A**  
H SCALE: 1" = 20'  
V SCALE: 1" = 5'



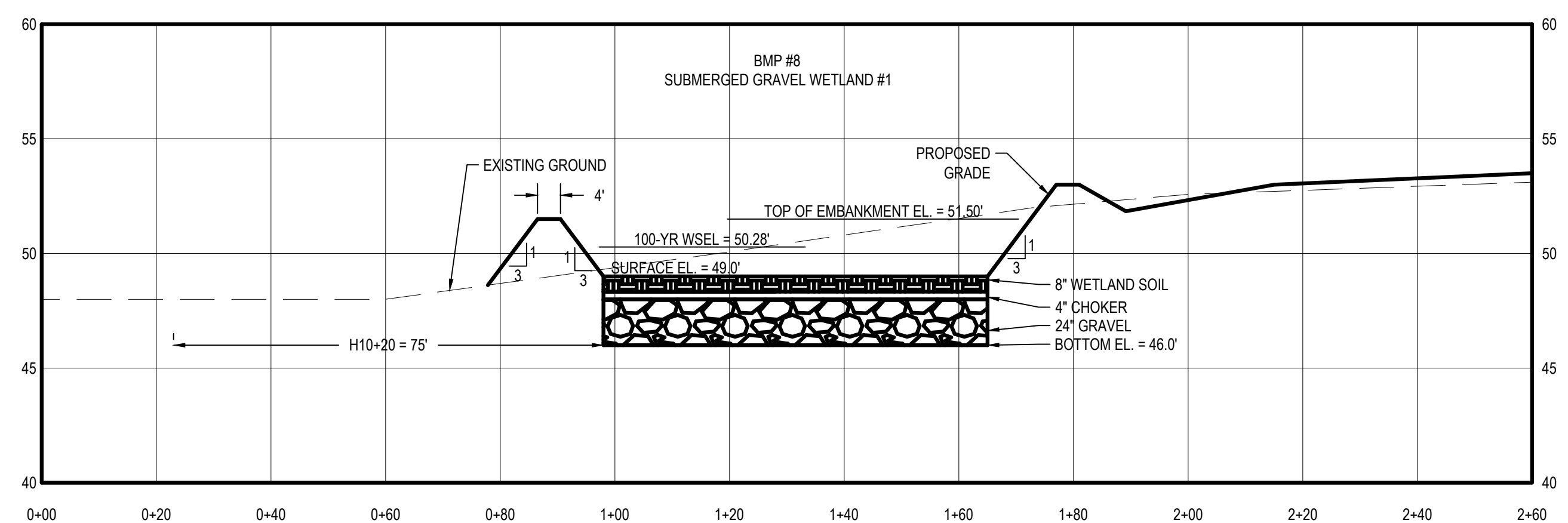
**SECTION C-C**  
H SCALE: 1" = 20'  
V SCALE: 1" = 5'



**SECTION C-C**  
H SCALE: 1" = 20'  
V SCALE: 1" = 5'



**SECTION D-D**  
H SCALE: 1" = 20'  
V SCALE: 1" = 5'



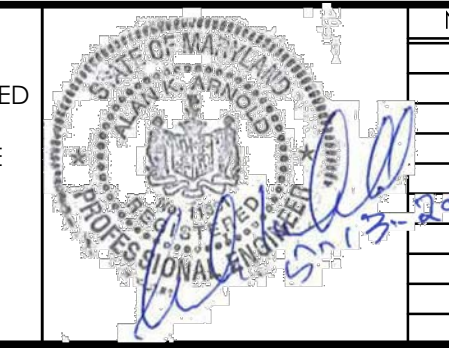
**SECTION B-B**  
H SCALE: 1" = 20'  
V SCALE: 1" = 5'

V:\2024\MARLBOROUGH\18320533\PGCPS\BPP\DCP\1924\100 CAD\01 DRAWINGS - SOUTHERN AREA K-8 - SC10 CROSSSECTION.DWG

**CONTRACTOR:**  
GILBANE BUILDING COMPANY  
1215 EAST FORT AVENUE  
BALTIMORE, MD 21230  
email: MRICKETS@GILBANE.CO

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**PRINCE GEORGE'S COUNTY PUBLIC SCHOOL**  
NEW SOUTHERN AREA K-8  
GRADING, EROSION AND SEDIMENT CONTROL PLAN  
SITE DEVELOPMENT  
CROSS SECTIONS  
PRINCE GEORGE'S COUNTY, MARYLAND

RLP/GMHA DESIGN	SCALE	N/A
GMHA DRAWN	<b>SC10</b>	
KHN/KA		
CHECKED	SHEET	10 OF 10
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