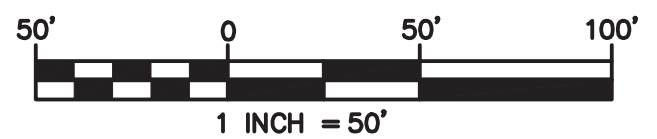


NOTE: LEGEND ON SHEET SC08



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 1215 EAST FORT AVENUE
 BALTIMORE, MD 21230
 email: MRICKETTS@GILBANE.CO

OWNER:
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 C/O JASON WASHINGTON
 LOUIS WILSON SR., FACILITIES ADMIN BUILDING
 13300 OLD MARLBORO PIKE
 UPPER MARLBORO, MD 20772
 email: JASON.WASHINGTON@PGCPS.ORG

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 LICENSE NO. 11391 EXPIRATION DATE: 03-25-2023

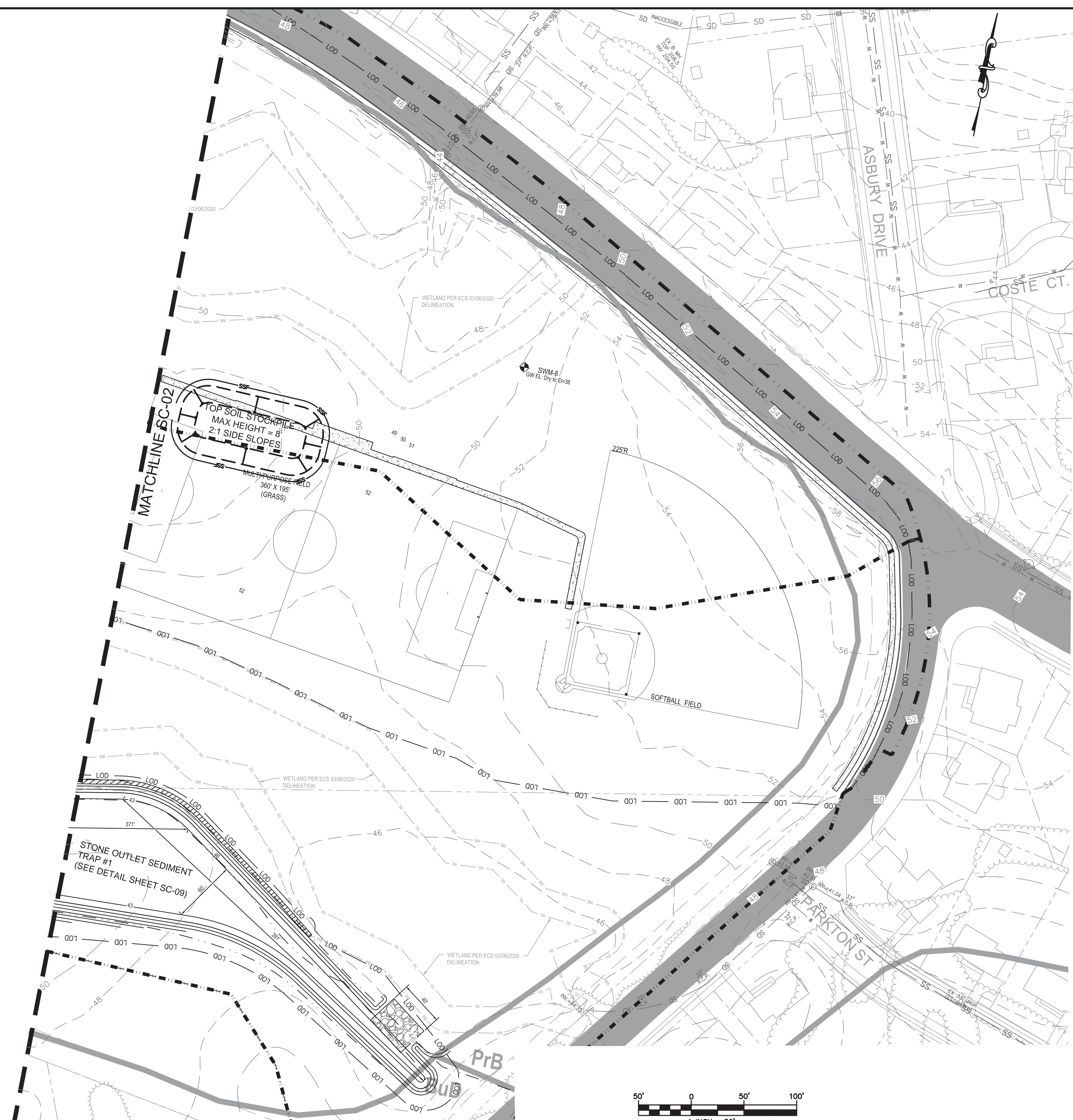
No.	REVISION	DATE	BY

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NEW SOUTHERN AREA K-8
 COMBINED CONCEPT AND ENVIRONMENTAL SITE DEVELOPMENT
 GRADING, EROSION AND SEDIMENT CONTROL
INITIAL PHASE
 PRINCE GEORGE'S COUNTY, MARYLAND

RLP/GMHA DESIGN	SCALE	1"=50'
GMHA DRAWN	SC02	
KHN/AKA		
CHECKED	SHEET	2 OF 10
DATE	APR 2021	PROJ No.
	218320533	FILE No.

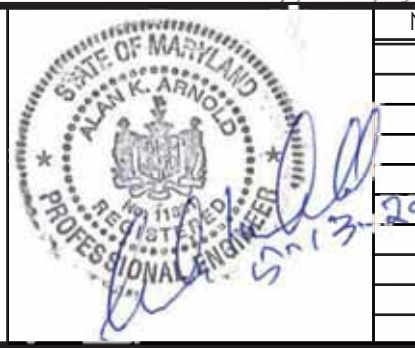


V:\2024\MISCELLANEOUS\182024\PGCS\88P\DCP12A\700 CAD\DRAWINGS_SOUTHERN AREA K8_SCS_EROSION AND SEDIMENT CONTROL INITIAL.DWG

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 COMBINED CONCEPT AND ENVIRONMENTAL SITE DEVELOPMENT
 GRADING, EROSION AND SEDIMENT CONTROL
INITIAL PHASE
 PRINCE GEORGE'S COUNTY, MARYLAND

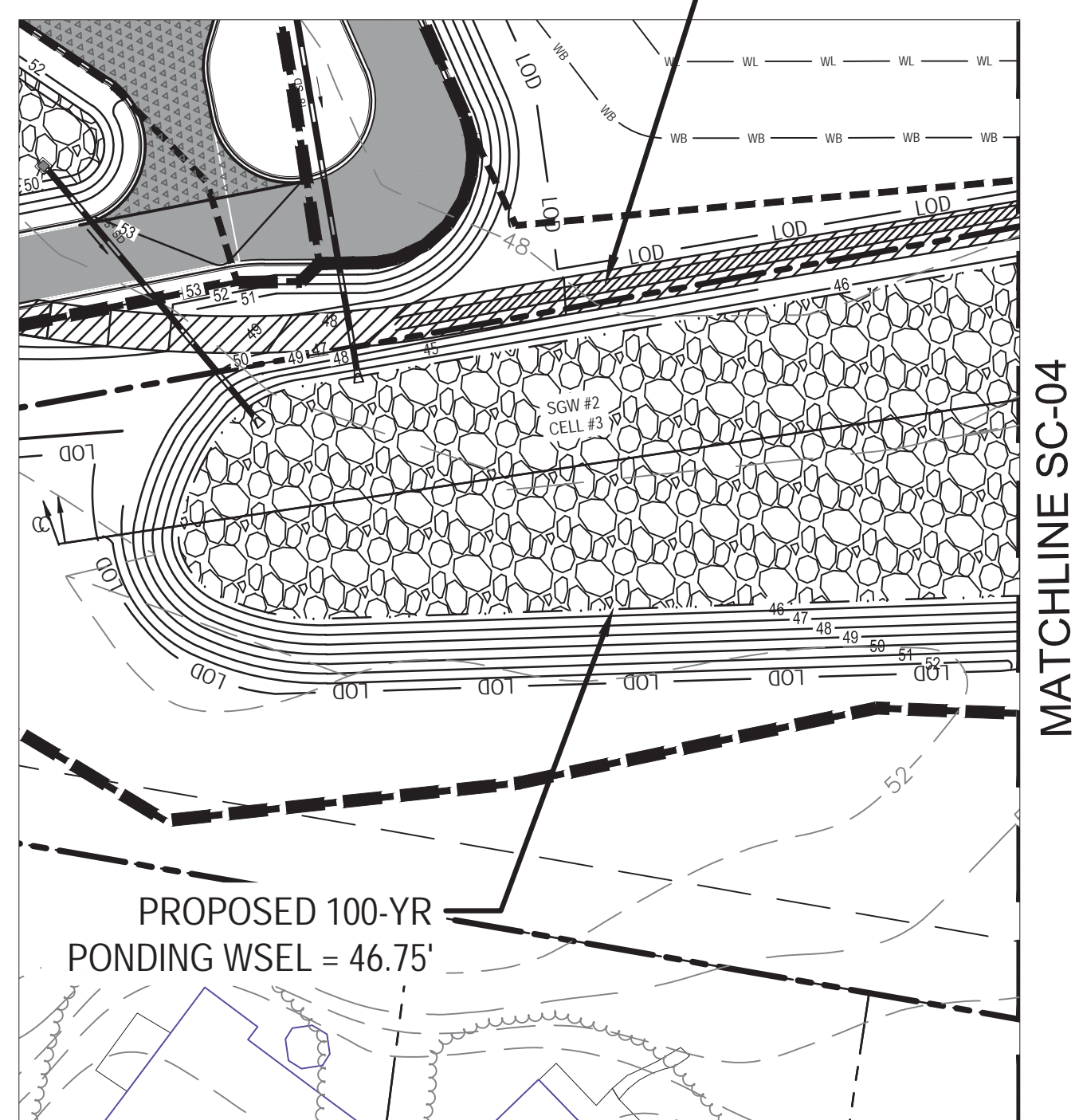
RLP/GMHA DESIGN	SCALE	1"=50'
GMHA DRAWN	SC03	
KHN/AKA		
CHECKED	SHEET	3 OF 10
DATE	PROJ No.	FILE No.

BMP No.	Proposed Drainage Area (AC)
ESD-1	0.36
ESD-2	0.47
ESD-3	0.44
ESD-4	0.44
ESD-5	0.42
ESD-6	0.42
ESD-7	0.53
BMP-8	3.98
BMP-9	9.14

NOTE: SGW#2 PRETREATMENT CELL #2 CONTROL STRUCTURE IS A 6' X 6' RISER W/ 24' OF WEIR, CREST AT 49.5
10-YR WSEL = 49.79
100-YR WSEL = 49.94

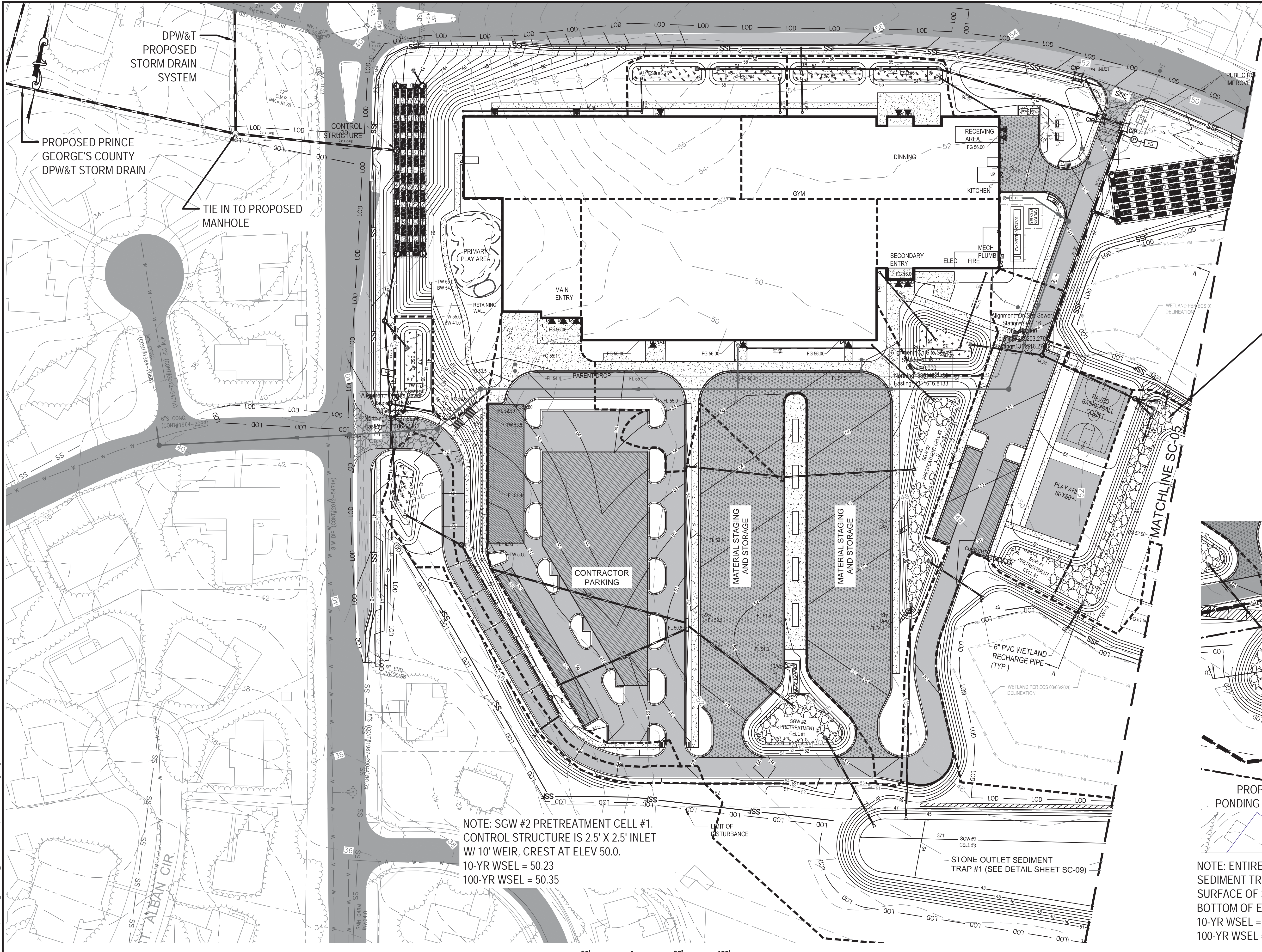
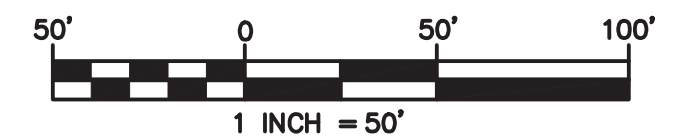
NOTE: SGW #1 LOW FLOW CENTRAL CONSISTS OF A PERFORATED 12" PVC LOCATED WITHIN THE GRAVEL BED CONNECTED TO A VERTICAL 12" PVC CONNECTED TO A HORIZONTAL 12" PVC (INV = 49.0) THAT OUTLETS INTO ONE OF THE 3 INLET STRUCTURES. THE 3 - 4'X4' INLET STRUCTURES EACH WITH SLAB ON 3 SIDES PROVIDE THE OVERFLOW CENTRAL.

EMBANKMENT, 6' TOP WIDTH, CONSTRUCTED TOP ELEV = 48.9



NOTE: ENTIRE SUBMERGED GRAVEL WETLAND IS IN CUT. SEDIMENT TRAP BOTTOM = 43.0
SURFACE OF SGW = 45.33
BOTTOM OF EXCAVATION = 42.0
10-YR WSEL = 46.51
100-YR WSEL = 46.75

NOTE: SGW #2 PRETREATMENT CELL #1. CONTROL STRUCTURE IS 2.5' X 2.5' INLET W/ 10' WEIR, CREST AT ELEV 50.0.
10-YR WSEL = 50.23
100-YR WSEL = 50.35



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LICENSE NO. 11391 EXPIRATION DATE: 03-25-2033



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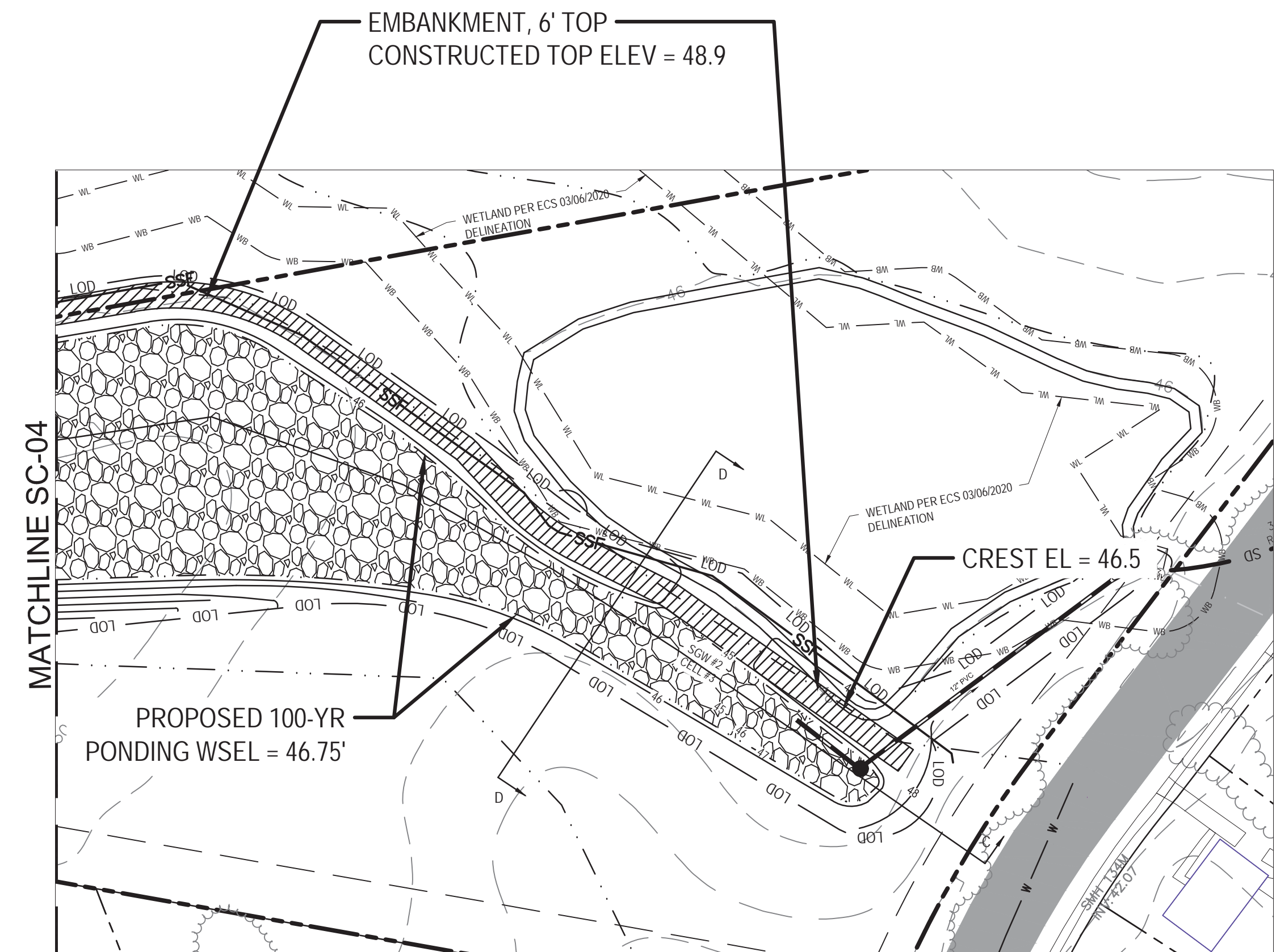
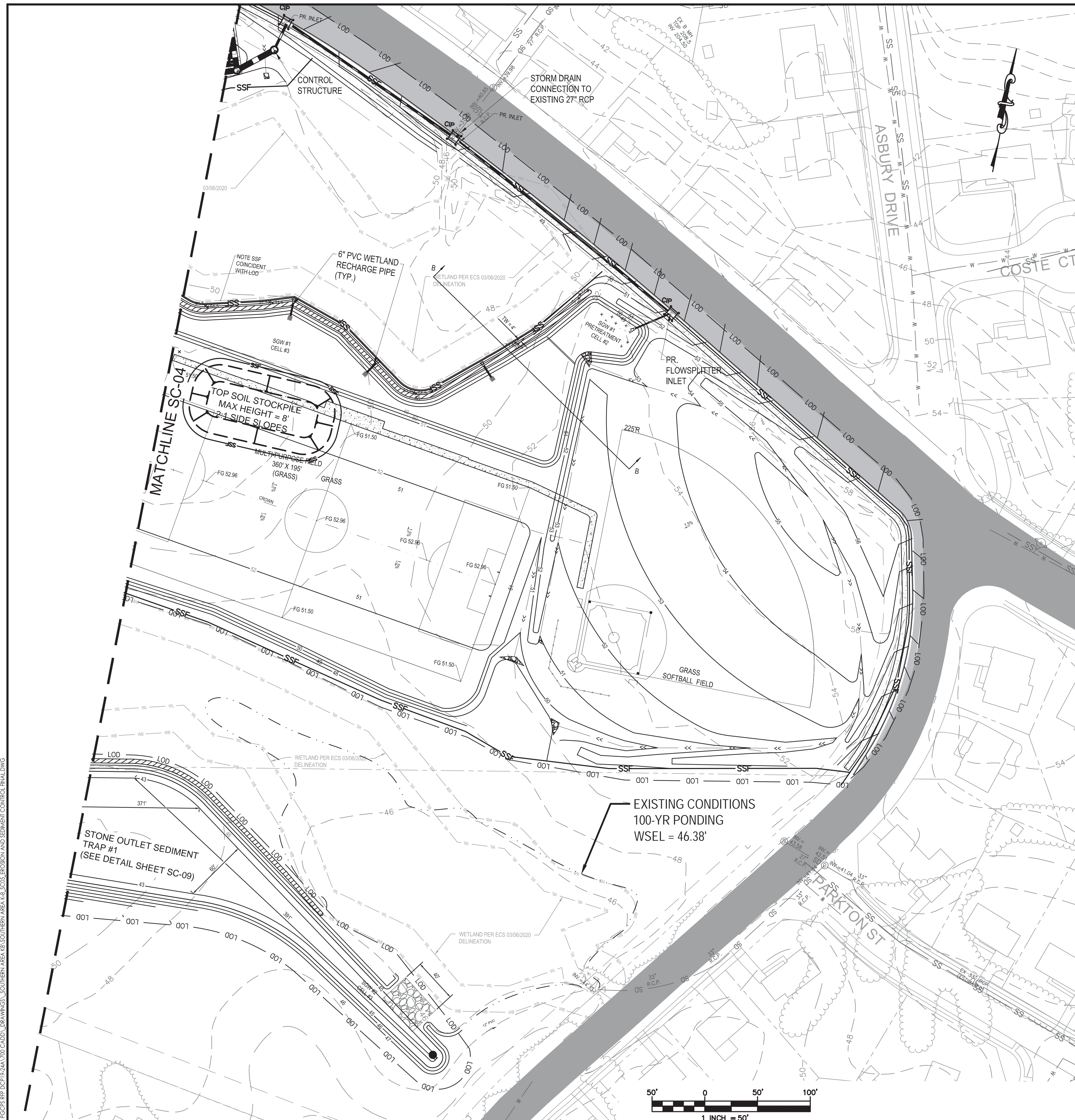
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GRADING, EROSION AND SEDIMENT CONTROL
FINAL PHASE
PRINCE GEORGE'S COUNTY, MARYLAND

RLP/GMHA DESIGN	SCALE 1"=50'
GMHA DRAWN	SC04
KHN/AKA CHECKED	
APR 2021 DATE	SHEET 4 OF 10
218320533 PROJ No.	FILE No.

V:\2020\MICELANOVIC\118320533\118320533.DWG\118320533.DWG (SOUTHERN AREA K-8) SCW EROSION AND SEDIMENT CONTROL FINAL.DWG



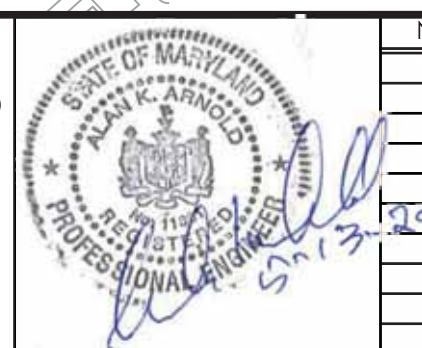
NOTE: ENTIRE SUBMERGED GRAVEL WETLAND IS IN CUT. SEDIMENT TRAP BOTTOM = 43.0
 SURFACE OF SGW = 45.33
 BOTTOM OF EXCAVATION = 42.0
 10-YR WSEL = 46.51
 100-YR WSEL = 46.75

NOTE: SGW #2 LOW FLOW CENTRAL CONSISTS OF A PERFORATED 12" PVC LOCATED WITHIN THE GRAVEL BED CONNECTED TO A VERTICAL 12" PVC, CONNECTED TO A HORIZONTAL 12" PVC

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 LICENSE NO. 11391 EXPIRATION DATE: 03-25-2023



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FINAL PHASE
 PRINCE GEORGE'S COUNTY, MARYLAND

RLP/GMHA DESIGN	SCALE	1"=50'
GMHA DRAWN	SC05	
KHN/AKA		
CHECKED	SHEET	5 OF 10
DATE	PROJ No	218320533
	FILE No.	