LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- EX. SEWER
- EX. WATER
- EX. WATER STRUCTURE
- EX. TELEPHONE
- EX. GAS LINE
- PROPERTY /RW LINE
- PROPOSED STORM DRAIN
- REMOVE EX. IMPERVIOUS, SEED & MULCH
- SHALLOW EXCAVATION TO AVOID CONFLICT WITH UTILITY
- PLANTING MEIA BOUNDARY STORMWATER FACILITY
- REPLACE PEDESTRIAN RAMP /SIDEWALK /SIDEWALK
- RAIN STORE
- STONE TRENCH
- SW-330 A INLET
- SB1 SOIL BORING
- B26 TEST PIT
- PROPOSED STORM DRAIN STRUCTURE
- L.P. H.P. LOW POINT, HIGH POINT
- PROPOSED CURB
- P EX. TREE TO REMAIN
- TREE REMOVAL

100' 0 100' 200'
SCALE: 1" = 100'

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 11007, EXPIRATION DATE: 07/09/2012.

Gannett Fleming

GPI GREENMAN-PEDERSEN, INC.

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

Reviewed

Chief, Maintenance Division — Date

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

Reviewed

Chief, Transportation Planning and Design Section — Date

Designed by: RA/CSP Drawn by: RA/CSP Checked by: WRP

ROW LID RETROFIT
DENNIS AVENUE
PHASE 3
KEY MAP SHEET

SCALE : AS SHOWN

PS00

Project No. 2008037.00 Task 111 SHEET ____ of 18

FILE: N:\2008\2008037\2008037.00\2008037.00 Tsk 112 Dennis Avenue\Dgn\pHD-key map_DENNIS_AVE.dgn
DATE: Thursday, August 23, 2012 AT 08:04 AM
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20' 0 20' 40'

SCALE: 1" = 20'

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 11007, EXPIRATION DATE: 07/09/2012.

Gannett Fleming

GPI GREENMAN-PEDERSEN, INC.

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION ROCKVILLE, MARYLAND	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND
Reviewed	Reviewed
Chief, Maintenance Division — Date	Chief, Transportation Planning and Design Section — Date

ROW LID RETROFIT
DENNIS AVENUE
PHASE 3
PLAN SHEET 1

SCALE : AS SHOWN

PS01

Designed by: RA/CSP Drawn by: RA/CSP Checked by: WRP

Project No. 2008037.00 Task 111 SHEET _____ of 18

FILE: N:\2008\2008037\2008037.00\2008037.00 Tsk 112 Dennis Avenue\Dgn\pHD-001_DENNIS_AVE.dgn
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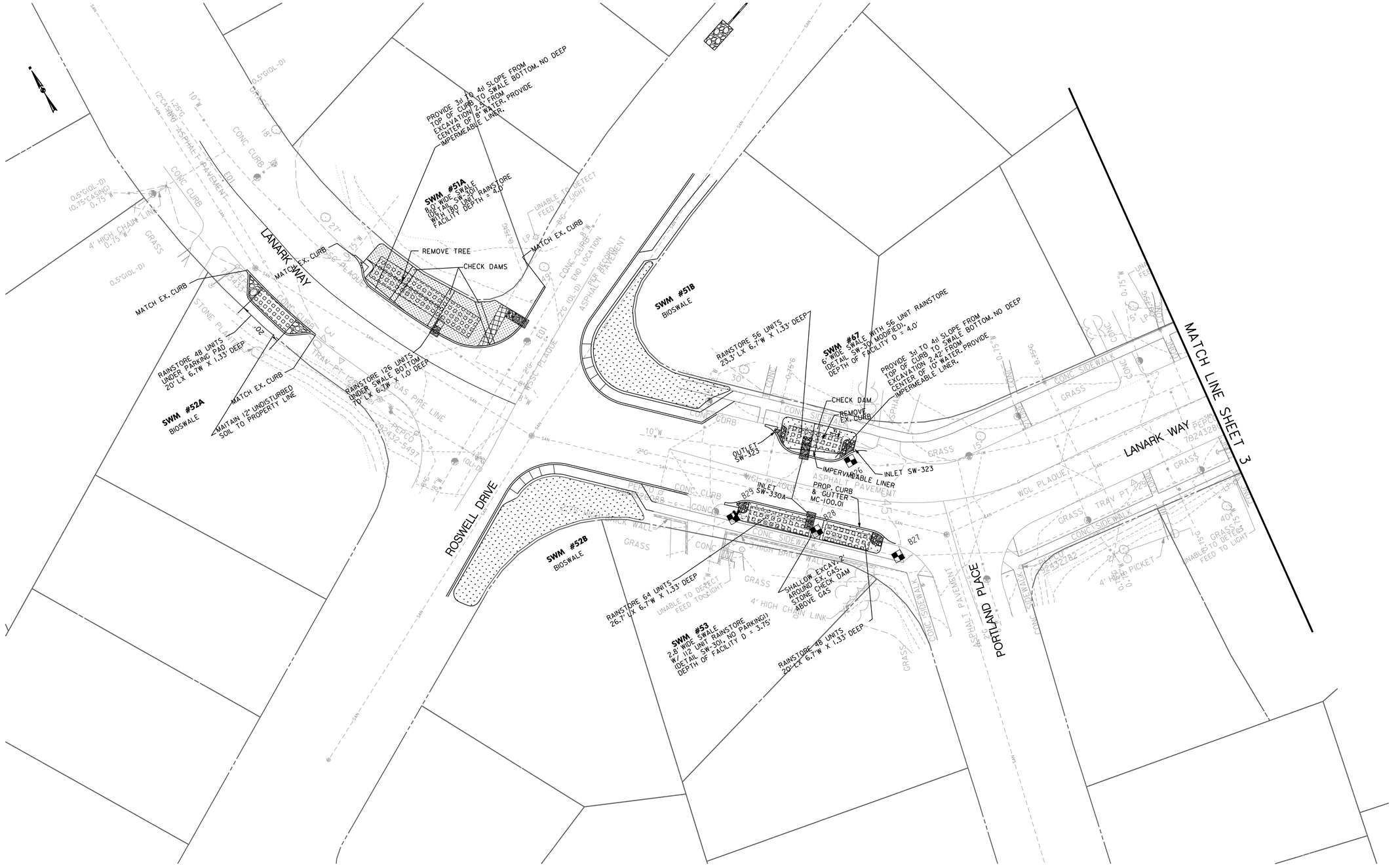
LANARK WAY
ROSWELL DRIVE
PORTLAND PLACE
MATCH LINE SHEET 3
SWM #51A
6.0' WIDE SWALE WITH 30' RAINSTORE DETAIL SW-301 MODIFIED
DEPTH OF FACILITY D = 4.0'
PROVIDE 3:1 TO 4:1 SLOPE FROM TOP OF CURB TO SWALE BOTTOM. NO DEEP EXCAVATION 2.5' FROM CENTER OF 8" WATER. PROVIDE IMPERMEABLE LINER.
REMOVE TREE
CHECK DAMS
MATCH EX. CURB
SWM #51B
BIOSWALE
RAINSTORE 56 UNITS
23.3' LX 6.7'W X 1.33' DEEP
SWM #52A
BIOSWALE
RAINSTORE 48 UNITS UNDER PARKING PAD
20' LX 6.7'W X 1.33' DEEP
MAINTAIN 12' UNDISTURBED SOIL TO PROPERTY LINE
RAINSTORE 126 UNITS UNDER SWALE & BOTTOM
70' LX 6.7'W X 1.0' DEEP
SWM #57
6' WIDE SWALE WITH 56 UNIT RAINSTORE
DETAIL SW-301 MODIFIED
DEPTH OF FACILITY D = 4.0'
PROVIDE 3:1 TO 4:1 SLOPE FROM TOP OF CURB TO SWALE BOTTOM. NO DEEP EXCAVATION 2.42' FROM CENTER OF 10" WATER. PROVIDE IMPERMEABLE LINER.
CHECK DAM
REMOVE EX. CURB
OUTLET SW-323
INLET SW-323
IMPERVIOUS LINER
PROP. CURB & GUTTER MC-100.01
INLET SW-330A
SWM #528
BIOSWALE
RAINSTORE 64 UNITS
26.7' LX 6.7'W X 1.33' DEEP
SWM #53
2.8' WIDE SWALE W/ 112 UNIT RAINSTORE DETAIL SW-301, NO PARKING!! DEPTH OF FACILITY D = 3.75'
SHALLOW EXCAVATE AROUND EX. GAS. STONE CHECK DAM ABOVE GAS
RAINSTORE 98 UNITS
20-LX 6.7'W X 1.33' DEEP
UNABLE TO DETECT FEED TO LIGHT
4' HIGH CHAIN LINK
CONC CURB
CONC SIDEWALK
ASPHALT PAVEMENT
GRASS
WGL PLAQUE
PEPCO
TRAV PT 429
7824328
7824328
7824328

20' 0 20' 40'
SCALE: 1" = 20'

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 11007, EXPIRATION DATE: 07/09/2012.

Gannett Fleming

GPI GREENMAN-PEDERSEN, INC.

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Capital Development — Date

Designed by: RA/CSP Drawn by: RA/CSP Checked by: WRP

ROW LID RETROFIT
DENNIS AVENUE
PHASE 3
PLAN SHEET 3

SCALE : AS SHOWN

PS 03

Project No. 2008037.00 Task 111 ____ of 18

FILE: N:\2008\2008037\2008037.00\2008037.00 Tsk 112 Dennis Avenue\Dgn\pHD-003_DENNIS_AVE.dgn
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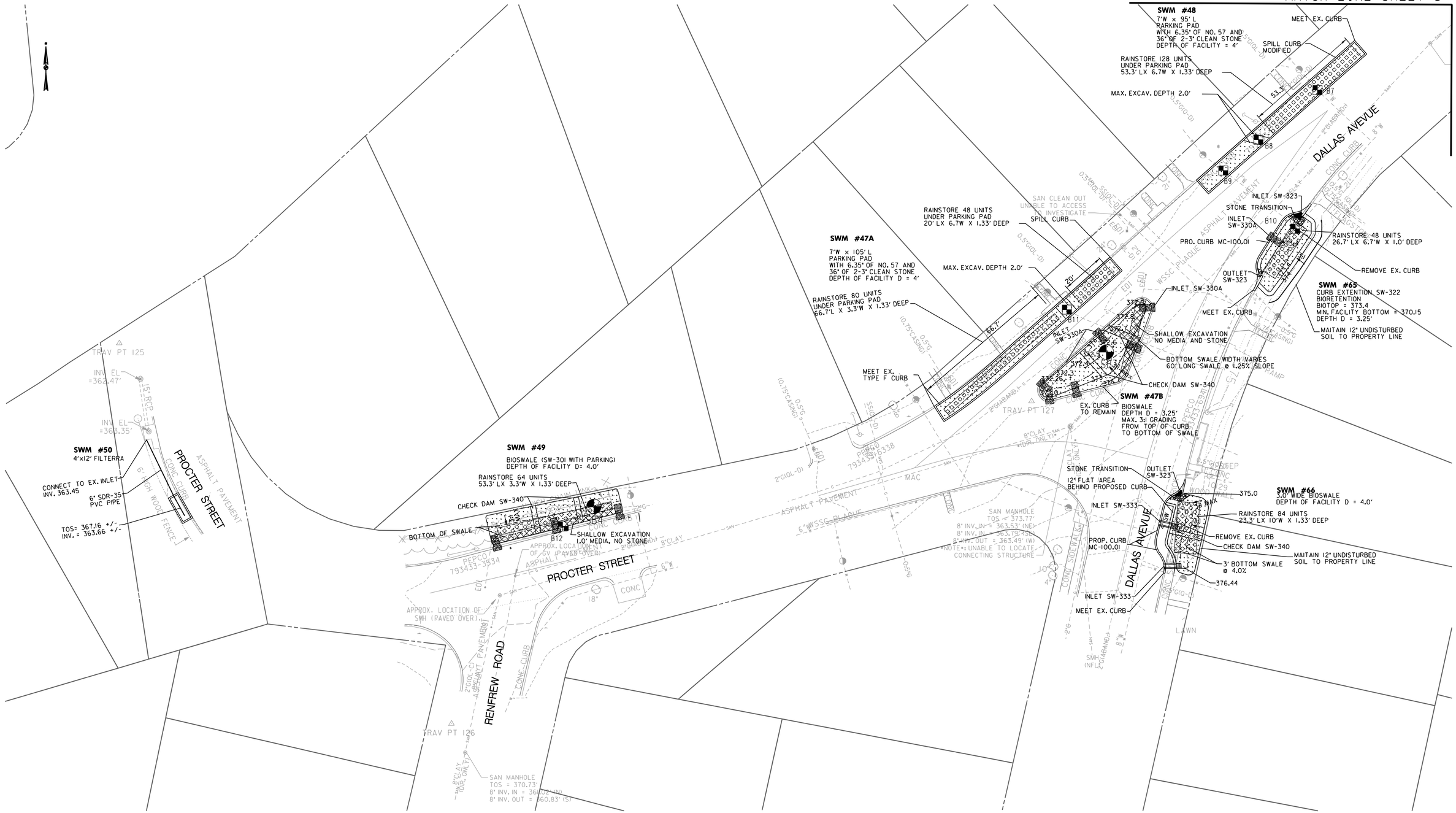

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 11007, EXPIRATION DATE: 07/09/2012.

Gannett Fleming

GPI GREENMAN-PEDERSEN, INC.

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Capital Development — Date

Designed by: RA/CSP Drawn by: RA/CSP Checked by: WRP

ROW LID RETROFIT
DENNIS AVENUE
PHASE 3
PLAN SHEET 4

SCALE : AS SHOWN

PS 04

Project No. 2008037.00 Task 111 ____ of 18

FILE: N:\2008\2008037\2008037.00\2008037.00 Tsk 112 Dennis Avenue\Dgn\pHD-004_DENNIS_AVE.dgn
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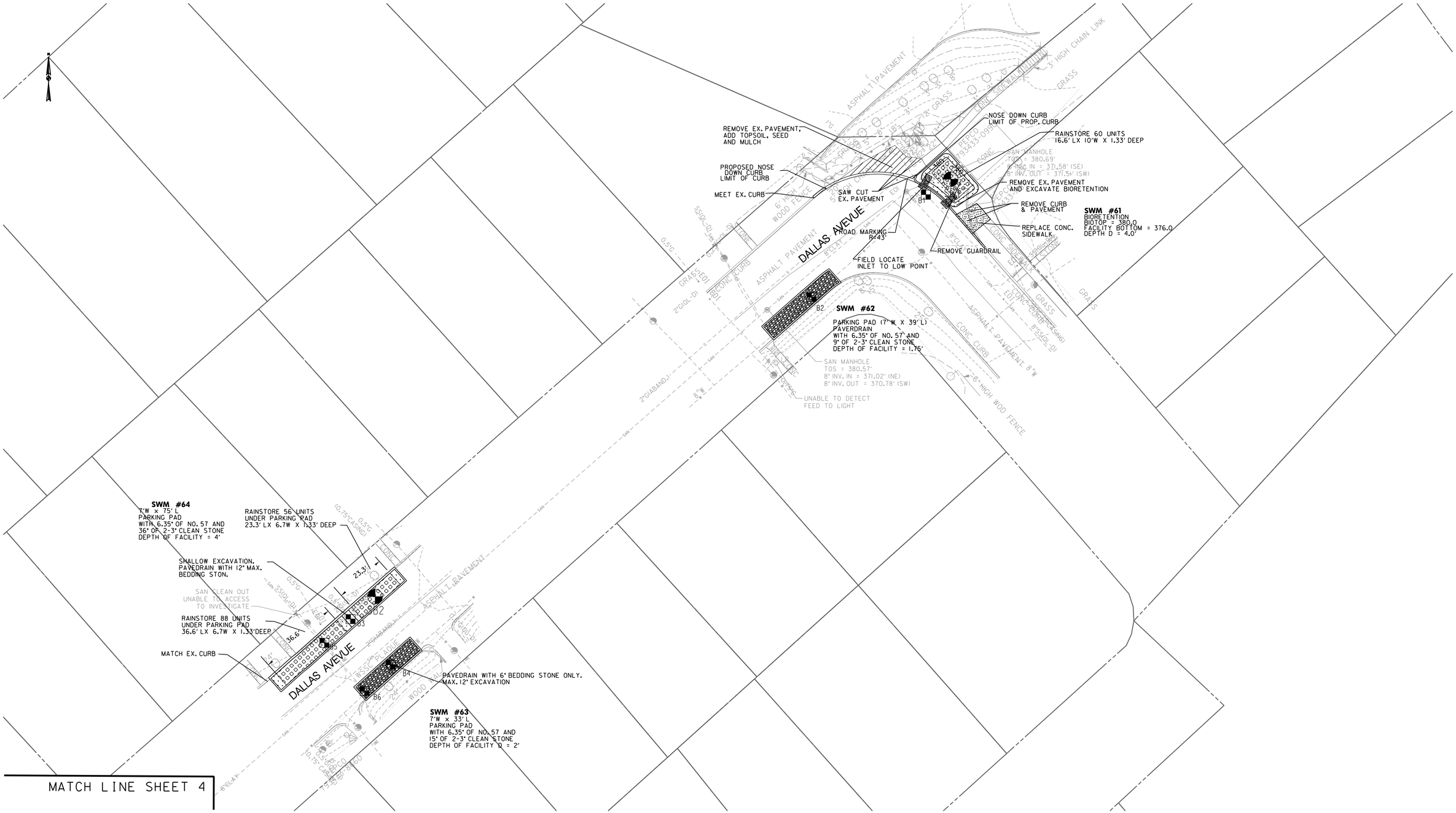

20' 0 20' 40'
SCALE: 1" = 20'

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 11001, EXPIRATION DATE: 07/09/2012.

Gannett Fleming
GPI GREENMAN-PEDERSEN, INC.

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL
Chief, Design Section — Date
APPROVED
Chief, Division of Capital Development — Date

Designed by: RA/CSP Drawn by: RA/CSP Checked by: WRP

ROW LID RETROFIT
DENNIS AVENUE
PHASE 3
PLAN SHEET 5

SCALE : AS SHOWN

PS 05

Project No. 2008037.00 Task 111 ____ of 18

FILE: N:\2008\2008037\2008037.00\2008037.00 Tsk 112 Dennis Avenue\Dgn\pHD-005_DENNIS_AVE.dgn
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