STRUCTURE TABLE						
CATCH BASIN	TG/RIM ELEV.	INVERT IN	INVERT IN	INVERT OUT	BOX SIZE	GRATE
A-1	13.72	--	--	10.50	72" X 24"	TYPE S
A-2	13.72	10.39	--	10.39	72" X 24"	TYPE S
A-3	15.64	--	--	12.40	36" X 24"	TYPE S
A-4	15.64	9.91	9.91	9.91	36" X 24"	TYPE S
B-1	15.54	--	--	12.37	36" X 24"	TYPE S
B-2	15.54	12.26	--	12.26	36" X 24"	TYPE S
B-3	15.18	--	--	11.76	72" X 24"	TYPE S
B-4	15.18	10.83	11.51	10.83	72" X 24"	TYPE S
--	--	--	12.01	--	--	--
B-5	15.57	10.72	10.72	10.72	36" X 24"	TYPE S
B-6	16.00	--	--	12.08	4' Ø	
B-7	15.43	10.94	10.94	10.94	36" x 24"	TYPE S
B-8	15.43	--	--	12.26	36" X 24"	TYPE S
B-9	15.08	11.17	--	11.17	36" X 24"	TYPE S
B-10	14.70	11.42	--	11.42	36" X 24"	TYPE S
B-11	14.70	--	--	11.53	36" X 24"	TYPE S
C-1	13.86	10.71	--	10.71	36" X 24"	TYPE S
C-2	13.88	10.59	--	10.59	36" X 24"	TYPE S
C-3	13.43	9.51	--	9.51	72" X 48"	TYPE S
C-4	13.43	9.45	9.45	9.45	72" X 48"	TYPE S
C-5	14.27	--	--	11.10	36" X 24"	TYPE S
C-6	13.84	--	--	10.67	36" X 24"	TYPE S
D-3	14.47	--	--	10.55	36" X 24"	TYPE S
D-4	14.47	10.49	--	10.49	36" X 24"	TYPE S
E-1 & E-2	--	6.33	--	5.85	--	--
F-1 & F-2	--	3.00	--	3.00	--	--

PIPE SCHEDULE						
PIPE	INVERT IN	INVERT OUT	LENGTH (LF)	SIZE (IN)	SLOPE (FT/FT)	TYPE
A-1	10.50	10.39	35	15	0.0031	ADS-N12
A-2	10.39	9.91	150	15	0.0032	ADS-N12
A-3	12.40	9.91	35	15	0.0708	ADS-N12
A-4	9.91	9.00	102	15	0.0089	ADS-N12
B-1	12.37	12.26	35	15	0.0031	ADS-N12
B-2	12.26	12.01	67	15	0.0037	ADS-N12
B-3	11.76	11.51	35	18	0.0071	ADS-N12
B-4	10.83	9.00	79	42	0.0206	ADS-N12
B-5	10.72	10.63	53	24	0.0017	ADS-N12
B-6	12.08	10.72	91	24	0.0150	ADS-N12
B-7	10.94	10.72	67	15	0.0033	ADS-N12
B-8	12.26	10.94	35	15	0.0376	ADS-N12
B-9	11.17	10.94	73	15	0.0032	ADS-N12
B-10	11.42	11.17	82	15	0.0031	ADS-N12
B-11	11.53	11.42	35	15	0.0031	ADS-N12
C-1	10.71	10.59	35	15	0.0034	ADS-N12
C-2	10.59	9.45	97	15	0.0117	ADS-N12
C-3	9.51	9.45	35	24	0.0017	ADS-N12
C-4	9.45	9.00	67	24	0.0068	ADS-N12
C-5	11.10	10.71	71	15	0.0055	ADS-N12
C-6	10.67	9.51	72	15	0.0161	ADS-N12
D-3	10.55	10.49	35	24	0.0017	ADS-N12
D-4	10.49	9.00	119	24	0.0125	ADS-N12
E-1 & E-2	5.33	5.85	146	36	0.0046	ADS-N12
F-1 & F-2	3.00	3.00	366	24	0.0000	ADS-N12
G-1	9.74	9.50	131	30	0.0018	ADS-N12

REVISIONS

REVISION	DATE	DESCRIPTION
1	2/18/21	REVISED PER GMB COMMENTS DATED 12/22/20
2	05/06/21	REVISED PER GMB COMMENTS DATED 04/05/21
3	07/26/21	REVISED TO UPDATE CATCH BASINS

DATE

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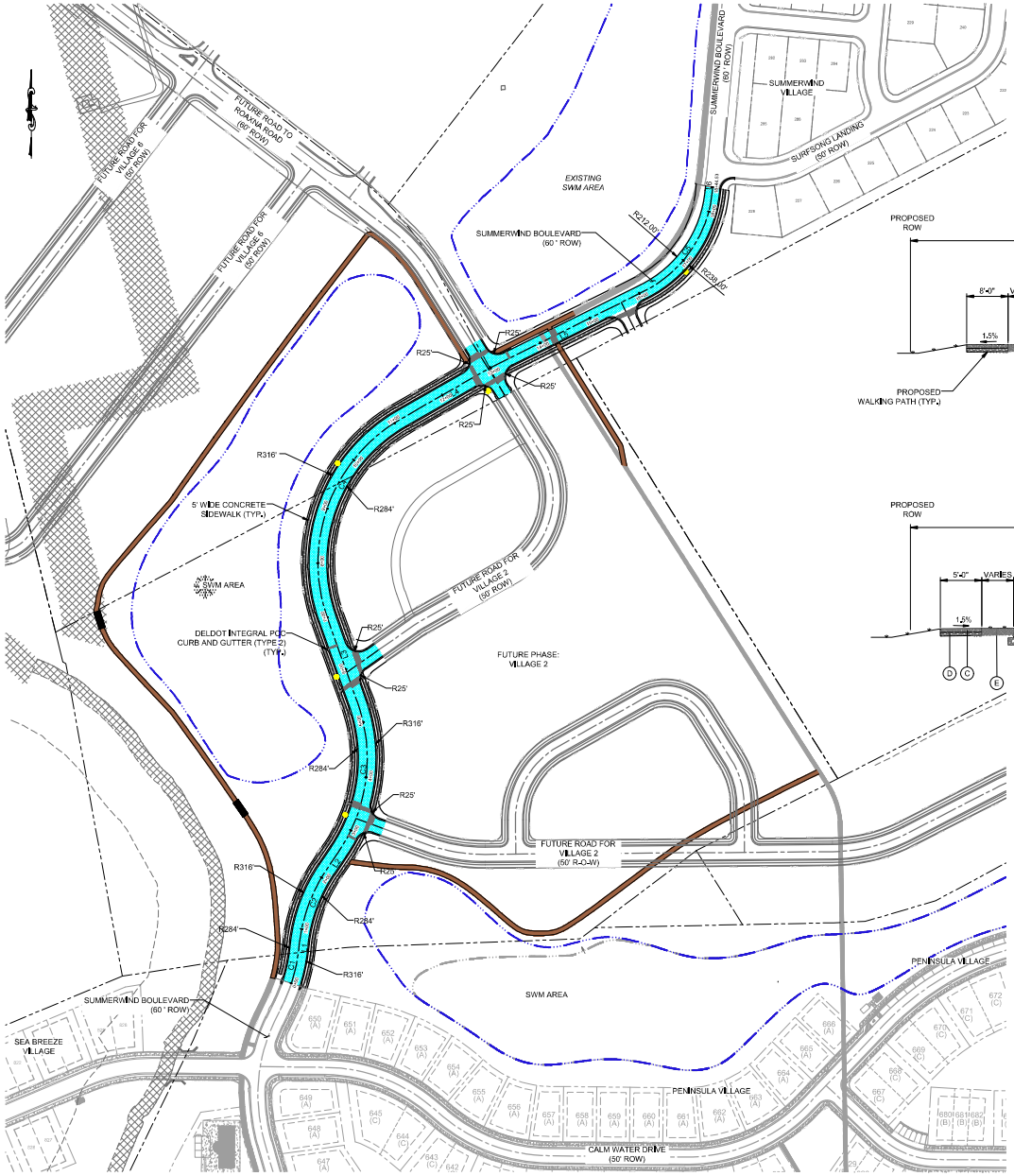
STRUCTURE TABLE AND PIPE SCHEDULE
FOR
MILLVILLE BY THE SEA
SUMMERWIND CONNECTOR
BALTIMORE HUNDRED
SUSSEX COUNTY, DELAWARE

DATE: NOVEMBER 16, 2020

DESIGNED BY: YMR | APPROVED BY: RHS

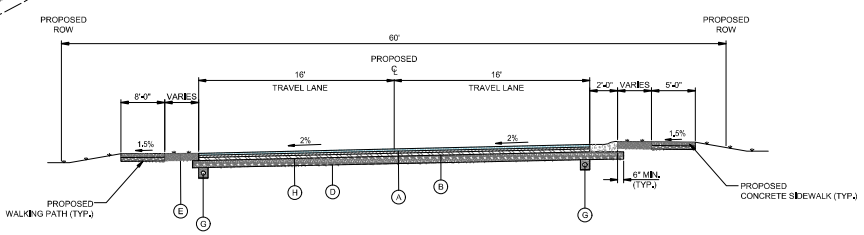
FILE: P20043-GRADINGPLAN.DWG

SHEET NO.: **G-4**

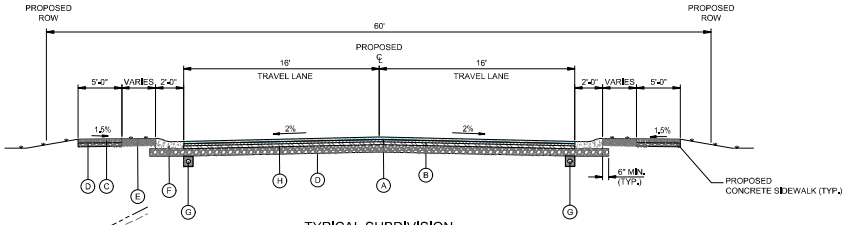


ROAD CENTERLINE LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	13.581	S07° 30' 40.72"E
L2	37.809	S31° 10' 15.16"W
L3	160.948	S57° 46' 38.17"W
L4	180.356	S57° 46' 38.17"W
L5	313.113	S08° 33' 02.70"W
L6	6.768	S67° 13' 26.28"W

ROAD CENTERLINE CURVE TABLE					
CURVE #	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS	DELTA
C1	N12° 20' 54.90"E	60.14	60.246	300.000	011.51
C2	S20° 20' 29.55"W	142.57	143.948	300.000	027.49
C3	N07° 15' 00.86"E	270.88	281.040	300.000	053.68
C4	S20° 17' 32.91"W	384.71	417.618	300.000	079.76
C5	N34° 21' 34.59"E	219.34	229.108	225.000	058.34



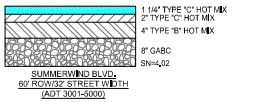
TYPICAL SUPER ELEVATED ROAD SECTION
STA.: 13+48.13 TO 18+44.53
NTS



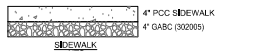
TYPICAL SUBDIVISION ROAD SECTION
STA.: 0+00 TO 13+48.13
NTS

LEGEND:

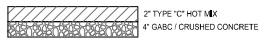
- (A) ITEM 401651 - SUPERPAVE TYPE C, 160 GYRATION, PG 70-22
- (B) ITEM 401654 - SUPERPAVE TYPE C, 160 GYRATION, PG 70-22
- (C) ITEM 705001 - P.C.C. SIDEWALK, 4" DEPTH
- (D) ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE B
- (E) GRASS STRIP (WIDTH AS NOTED)
  ITEM 733000 - TOPSOILING, 4" DEPTH
  ITEM 734013 - PERMANENT GRASS SEEDING, DRY GROUND
  ITEM - 735006 - MULCHING, STRAW
- (F) ITEM 701011 - INTEGRAL P.C.C. CURB AND GUTTER, TYPE 2
- (G) ITEM 715001 - PERFORATED PIPE UNDERDRAINS, 6"
- (H) ITEM 401654 - SUPERPAVE TYPE B, 160 GYRATION, PG 70-22



SUMMERWIND BLVD.
60' ROW/32' STREET WIDTH
(ADT 3001-5000)
NTS



SIDEWALK
NTS



WALKING PATH
NTS

GRAPHIC SCALE
0' 100' 200' 300'
SCALE: 1"=100'

REVISIONS

REVISION	DATE	DESCRIPTION
1	2/16/21	REVISED PER GMB COMMENTS DATED 12/22/20
2	7/20/2021	REVISED PER GMB COMMENTS DATED 04/26/21
3	07/26/21	REVISED TO ADD RIM ELEVATIONS TO CATCH BASINS

DATE

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OVERALL ROAD LAYOUT PLAN
FOR
MILLVILLE BY THE SEA
SUMMERWIND CONNECTOR
BALTIMORE HUNDRED
SUSSEX COUNTY, DELAWARE

DATE: NOVEMBER 16, 2020

DESIGNED BY:	APPROVED BY:
YMR	RHS

FILE: P20043-OVERALL ROAD.DWG

SHEET NO.: RD-1

ROAD PROFILE

FOR

MILLVILLE BY THE SEA

SUMMERWIND CONNECTOR

BALTIMORE HUNDRED
SUSSEX COUNTY, DELAWARE

DATE: NOVEMBER 16, 2020
DESIGNED BY: YMR
APPROVED BY: RHS
FILE: P20040-ROAD PROFILE.DWG
SHEET NO: **RD-2**

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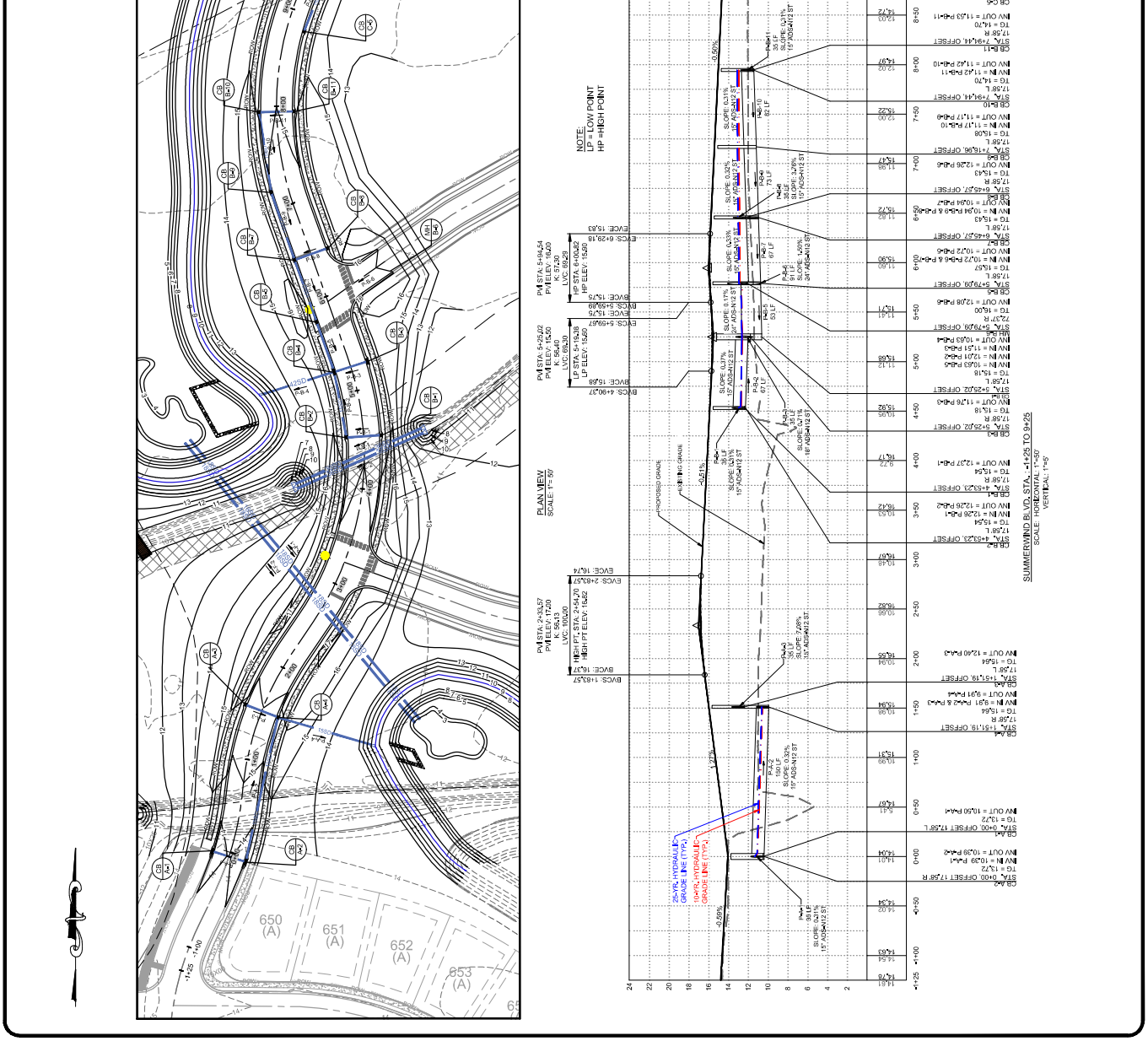
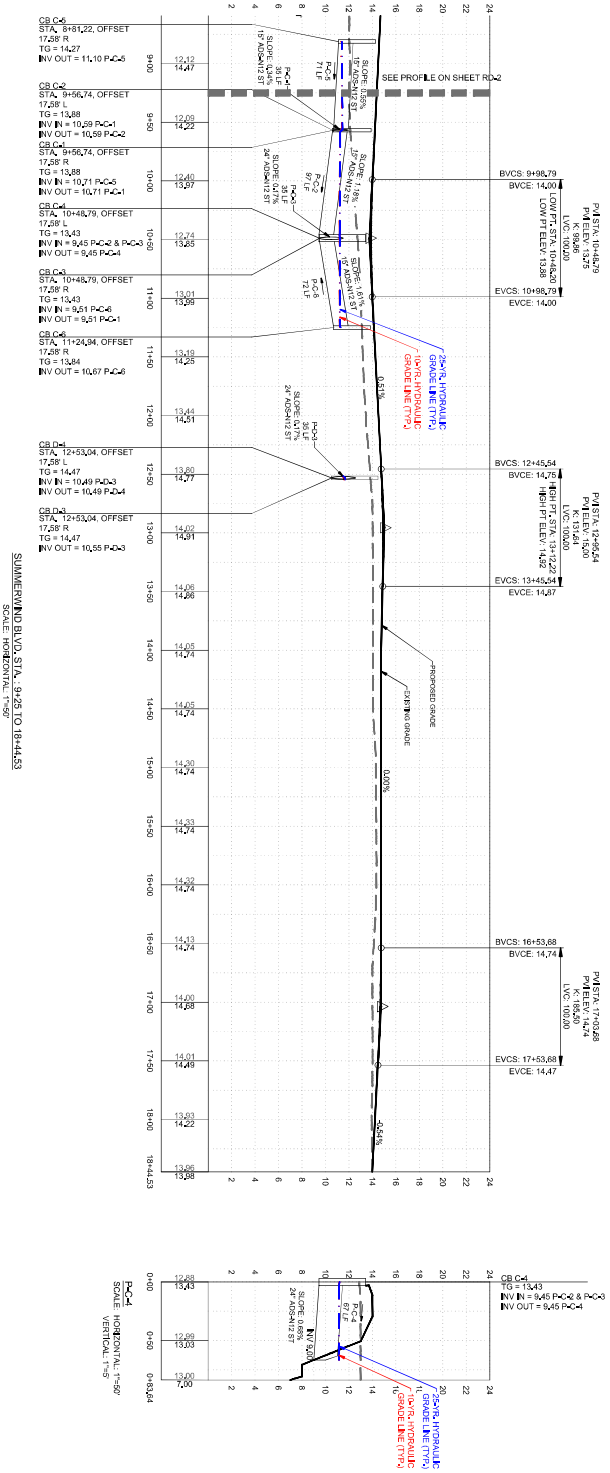
REVISIONS

REVISION	DATE	DESCRIPTION
1	2/18/21	REVISED PER GMB COMMENTS DATED 12/22/20
2	05/06/21	REVISED PER GMB COMMENTS DATED 04/06/21
3	07/26/21	REVISED TO UPDATE CATCH BASINS

DATE





ROAD PROFILE

FOR

MILLVILLE BY THE SEA

SUMMERWIND CONNECTOR

BALTIMORE HUNDRED
SUSSEX COUNTY, DELAWARE

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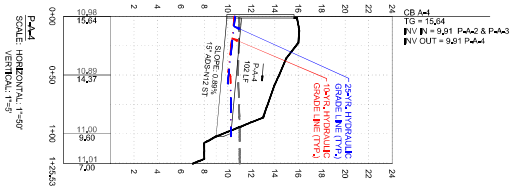
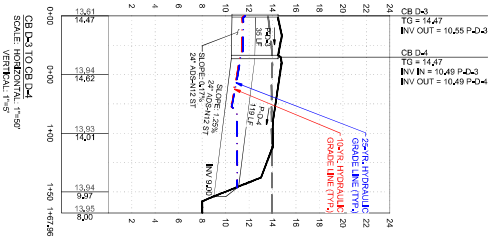
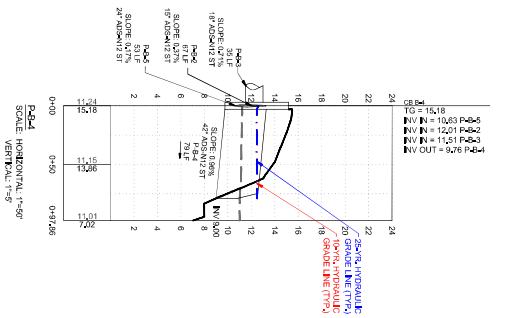
REVISIONS		
REVISION	DATE	DESCRIPTION
1	2/18/21	REVISED PER GMB COMMENTS DATED 12/22/20
2	05/06/21	REVISED PER GMB COMMENTS DATED 04/05/21
3	07/26/21	REVISED TO UPDATE CATCH BASINS

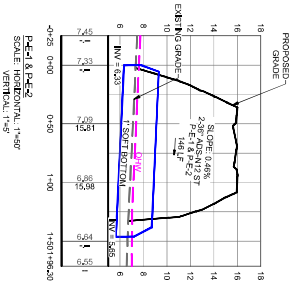
DATE

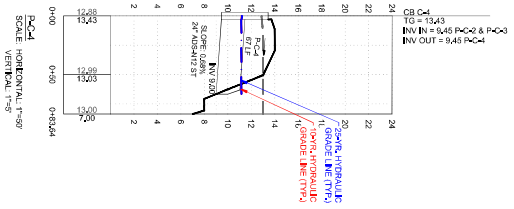
DATE: NOVEMBER 16, 2020
DESIGNED BY: YMR
APPROVED BY: RHS
FILE: P2004-ROAD PROFILE.DWG
SHEET NO.: RD-3











STORMDRAIN PROFILE

FOR

MILLVILLE BY THE SEA

SUMMERWIND CONNECTOR

BALTIMORE HUNDRED
SUSSEX COUNTY, DELAWARE

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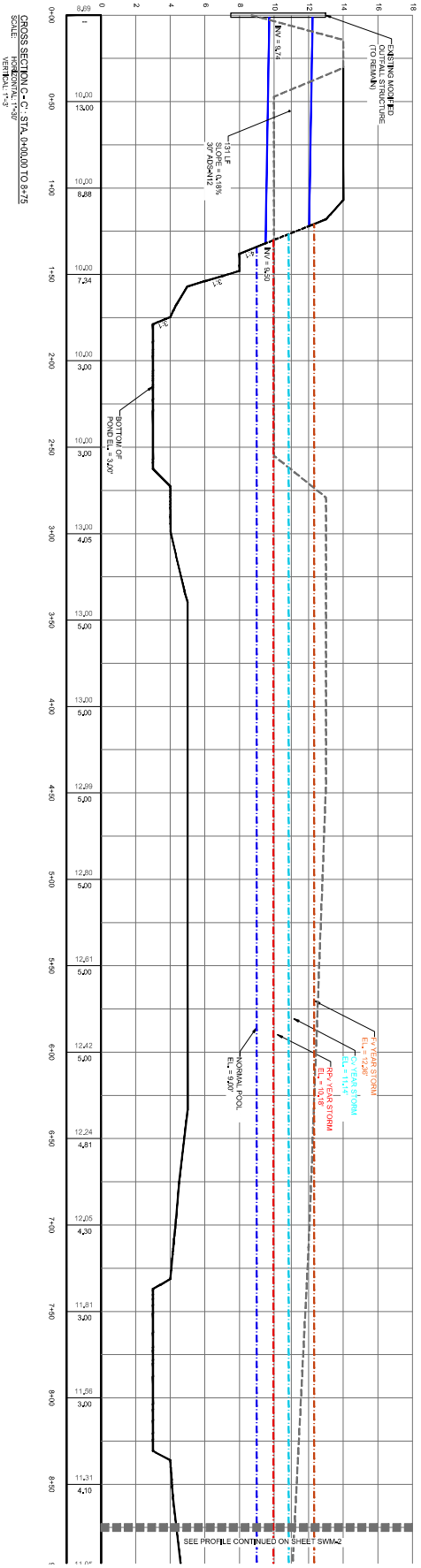
REVISIONS

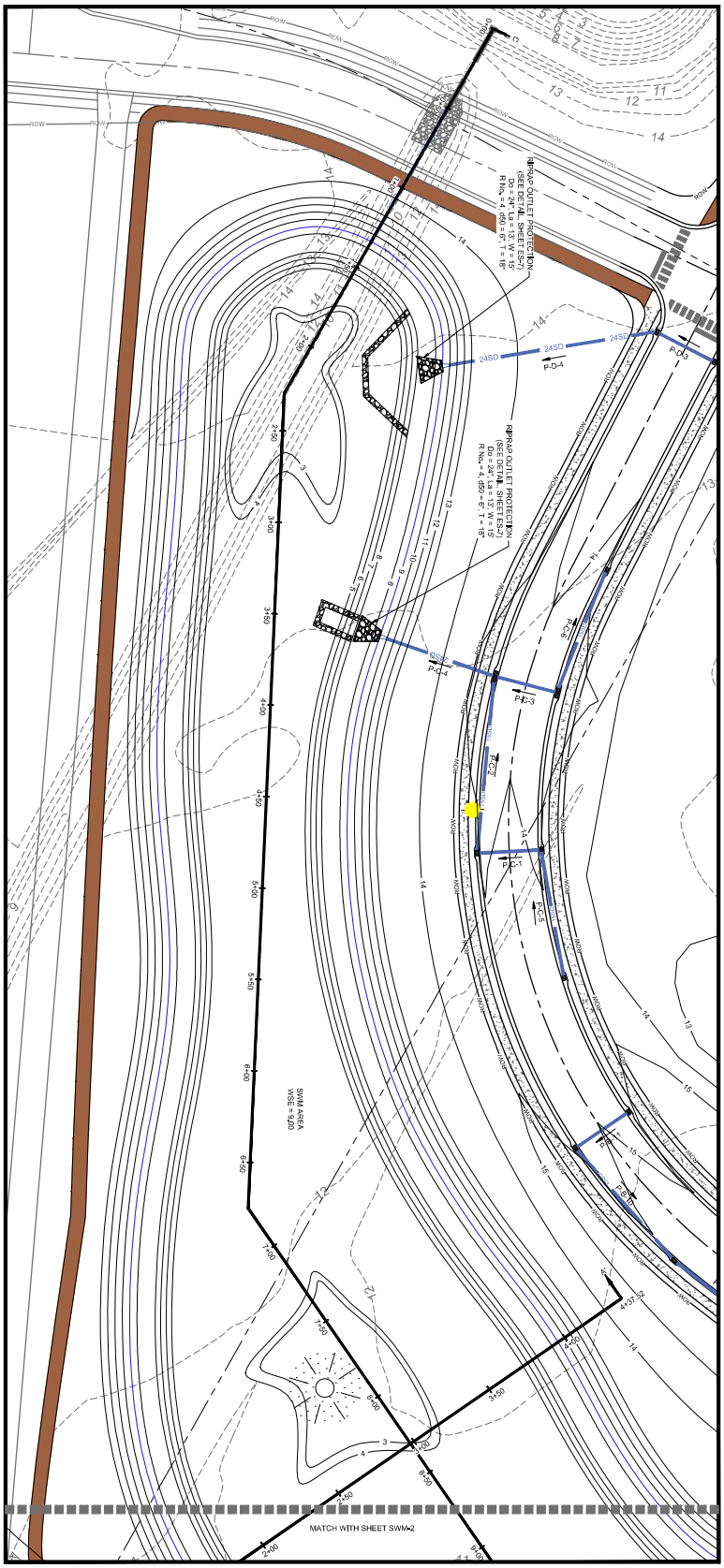
REVISION	DATE	DESCRIPTION
1	2/18/21	REVISED PER GMB COMMENTS DATED 12/22/20
2	05/06/21	REVISED PER GMB COMMENTS DATED 04/05/21
3	07/26/21	REVISED TO UPDATE CATCH BASINS

DATE

DATE: NOVEMBER 16, 2020
DESIGNED BY: YMR
APPROVED BY: RHS
FILE: P2004-ROAD PROFILE.DWG
SHEET NO.: RD-4



PLAN VIEW
SCALE: 1"=50'



STORMWATER MANAGEMENT PLAN
FOR
MILLVILLE BY THE SEA
SUMMERWIND CONNECTOR
BALTIMORE HUNDRED
SUSSEX COUNTY, DELAWARE

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REVISIONS		
REVISION	DATE	DESCRIPTION
1	2/18/21	REVISED PER GMB COMMENTS DATED 12/22/20
2	05/06/21	REVISED PER GMB COMMENTS DATED 04/06/21
3	07/26/21	REVISED TO UPDATE CATCH BASINS

DATE

DATE: NOVEMBER 16, 2020
DESIGNED BY: YMR
APPROVED BY: RHS
FILE: P2024-SWM PLAN.DWG
SHEET NO.: SWM-1

PLAN VIEW
SCALE: 1"=30'

CROSS SECTION C-C' - STA. 8+75 TO 13+75
SCALE: HORIZONTAL 1"=50'
VERTICAL 1"=5'

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STORMWATER MANAGEMENT PLAN
FOR
MILLVILLE BY THE SEA
SUMMERWIND CONNECTOR
BALTIMORE HUNDRED
SUSSEX COUNTY, DELAWARE

REVISIONS		
REVISION	DATE	DESCRIPTION
1	2/18/21	REVISED PER GAB COMMENTS DATED 12/22/20
2	05/06/21	REVISED PER GAB COMMENTS DATED 04/06/21
3	07/26/21	REVISED TO UPDATE CATCH BASINS

DATE

DATE: NOVEMBER 16, 2020
DESIGNED BY: YMR
APPROVED BY: RHS
FILE: P20045-SWM PLADWG
SHEET NO.: SWM-2