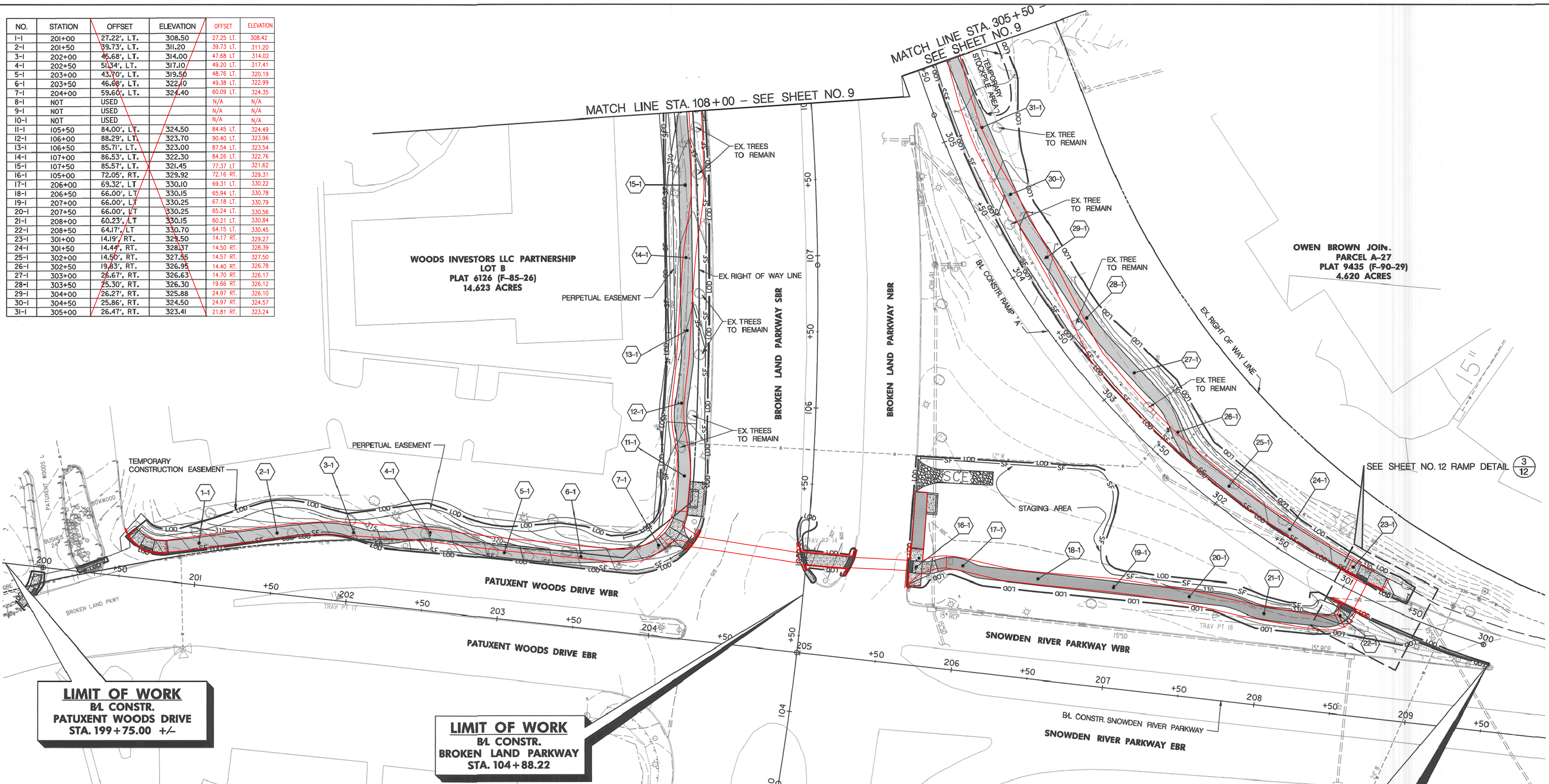


NO.	STATION	OFFSET	ELEVATION	OFFSET	ELEVATION
1-1	201+00	27.22', LT.	308.50	27.25' LT.	308.42
2-1	201+50	39.73', LT.	311.20	39.73' LT.	311.20
3-1	202+00	46.68', LT.	314.00	47.68' LT.	314.02
4-1	202+50	51.34', LT.	317.10	49.20' LT.	317.41
5-1	203+00	43.70', LT.	319.50	48.76' LT.	320.19
6-1	203+50	46.68', LT.	322.10	49.38' LT.	322.99
7-1	204+00	59.60', LT.	324.40	60.09' LT.	324.35
8-1	NOT USED		N/A	N/A	N/A
9-1	NOT USED		N/A	N/A	N/A
10-1	NOT USED		N/A	N/A	N/A
11-1	105+50	84.00', LT.	324.50	84.45' LT.	324.49
12-1	106+00	88.29', LT.	323.70	90.40' LT.	323.96
13-1	106+50	85.71', LT.	323.00	87.54' LT.	323.54
14-1	107+00	86.53', LT.	322.30	84.26' LT.	322.76
15-1	107+50	85.57', LT.	321.45	77.37' LT.	321.62
16-1	105+00	72.05', RT.	329.92	72.16' RT.	329.31
17-1	206+00	69.32', LT.	330.10	69.31' LT.	330.22
18-1	206+50	66.00', LT.	330.15	65.94' LT.	330.78
19-1	207+00	66.00', LT.	330.25	67.18' LT.	330.79
20-1	207+50	66.00', LT.	330.25	65.24' LT.	330.56
21-1	208+00	60.23', LT.	330.15	60.21' LT.	330.84
22-1	208+50	64.17', LT.	330.70	64.15' LT.	330.45
23-1	301+00	14.19', RT.	329.50	14.17' RT.	329.27
24-1	301+50	14.44', RT.	328.37	14.50' RT.	328.39
25-1	302+00	14.50', RT.	327.95	14.57' RT.	327.50
26-1	302+50	19.63', RT.	326.95	14.40' RT.	326.78
27-1	303+00	26.67', RT.	326.63	14.70' RT.	326.17
28-1	303+50	25.30', RT.	326.30	19.66' RT.	326.12
29-1	304+00	26.27', RT.	325.88	24.97' RT.	326.10
30-1	304+50	25.86', RT.	324.50	24.97' RT.	324.57
31-1	305+00	26.47', RT.	323.41	21.81' RT.	323.24



LIMIT OF WORK
BL CONSTR.
PATUXENT WOODS DRIVE
STA. 199+75.00 +/-

LIMIT OF WORK
BL CONSTR.
BROKEN LAND PARKWAY
STA. 104+88.22

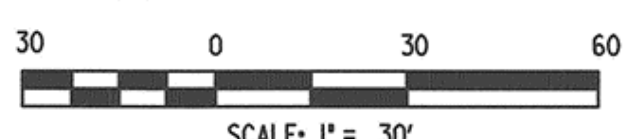
LIMIT OF WORK
BL CONSTR.
SNOWDEN RIVER PKWY
STA. 209+50

ENGINEER'S CERTIFICATE
 "I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
 DAVID T. MARLONI 11-15-11
 SIGNATURE OF ENGINEER (PRINT NAME BELOW SIGNATURE) DATE

PROFESSIONAL CERTIFICATION
 "I HEREBY CERTIFY THAT 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. 16156, EXPIRATION DATE: 8/28/2012."
 JOHN K. ROBERTSON 4/29/11
 HOWARD SOIL CONSERVATION DISTRICT DATE

DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION OF THIS PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
 SIGNATURE OF DEVELOPER (PRINT NAME BELOW SIGNATURE) DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.
 JOHN K. ROBERTSON 4/29/11
 HOWARD SOIL CONSERVATION DISTRICT DATE



NOTE:
 ALL TREES WITHIN THE LIMIT OF DISTURBANCE SHALL BE REMOVED UNLESS NOTED OTHERWISE.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 JAY D. ... 11/21/11
 DIRECTOR OF PUBLIC WORKS DATE
 Steve Shaver 11/27/11
 CHIEF, TRANSPORTATION AND SPECIAL PROJECTS DIVISION DATE
 Diane Johnson 11/18/11
 CHIEF, BUREAU OF HIGHWAYS DATE



DES:	DTM			
DRN:	SYC			
CHK:	DTM			
DATE:	10/11			
BY:	URS	1	ASBUILT SURVEY	09/14
NO.				
REVISION				
DATE				

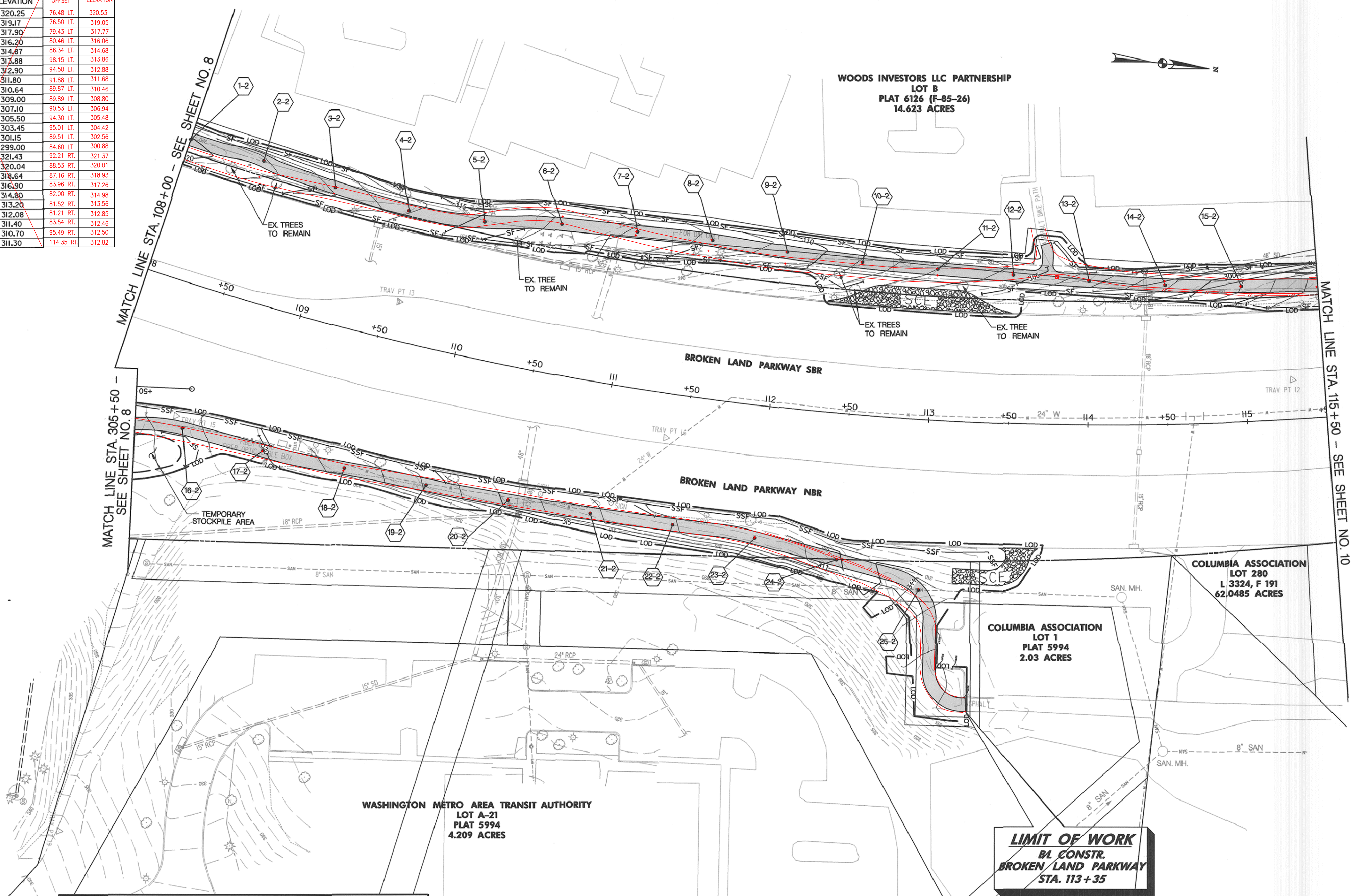
GRADING AND EROSION AND SEDIMENT CONTROL PLAN

BROKEN LAND PARKWAY TRAIL IMPROVEMENTS

7th ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

SCALE
 1"=30'
 SHEET
 8 OF 20

NO.	STATION	OFFSET	ELEVATION	OFFSET	ELEVATION
1-2	108+00	85.98', LT.	320.25	76.48 LT.	320.53
2-2	108+50	87.26', LT.	319.17	76.50 LT.	319.05
3-2	109+00	83.71', LT.	317.90	79.43 LT.	317.77
4-2	109+50	81.20', LT.	316.20	80.46 LT.	316.06
5-2	110+00	85.14', LT.	314.87	86.34 LT.	314.68
6-2	110+50	93.41', LT.	313.88	98.15 LT.	313.86
7-2	111+00	97.04', LT.	312.90	94.50 LT.	312.88
8-2	111+50	98.94', LT.	311.80	91.88 LT.	311.68
9-2	112+00	97.19', LT.	310.64	89.87 LT.	310.46
10-2	112+50	95.65', LT.	309.00	89.89 LT.	308.80
11-2	113+00	94.80', LT.	307.10	90.53 LT.	306.94
12-2	113+50	92.95', LT.	305.50	94.30 LT.	305.48
13-2	114+00	90.34', LT.	303.45	95.01 LT.	304.42
14-2	114+50	87.36', LT.	301.15	89.51 LT.	302.56
15-2	115+00	84.92', LT.	299.00	84.60 LT.	300.88
16-2	108+50	88.17', RT.	321.43	92.21 RT.	321.37
17-2	109+00	87.54', RT.	320.04	88.53 RT.	320.01
18-2	109+50	85.34', RT.	318.64	87.16 RT.	318.93
19-2	110+00	83.91', RT.	316.90	83.96 RT.	317.26
20-2	110+50	82.84', RT.	314.80	82.00 RT.	314.98
21-2	111+00	81.96', RT.	313.20	81.52 RT.	313.56
22-2	111+50	81.18', RT.	312.08	81.21 RT.	312.85
23-2	112+00	82.82', RT.	311.40	83.54 RT.	312.46
24-2	112+50	91.48', RT.	310.70	95.49 RT.	312.50
25-2	113+00	106.61', RT.	311.30	114.35 RT.	312.82



PROFESSIONAL CERTIFICATION
 "I HEREBY CERTIFY THAT 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. 16156. EXPIRATION DATE: 8/28/2012."

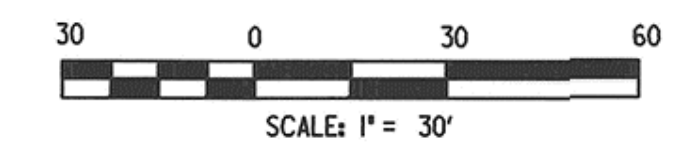
DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION OF THIS PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

ENGINEER'S CERTIFICATE
 "I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.
 [Signature] 10/20/11
 HOWARD SOIL CONSERVATION DISTRICT

SIGNATURE OF DEVELOPER (PRINT NAME BELOW SIGNATURE) DATE

SIGNATURE OF ENGINEER (PRINT NAME BELOW SIGNATURE) DATE 10-17-11



NOTE: ALL TREES WITHIN THE LIMIT OF DISTURBANCE SHALL BE REMOVED UNLESS NOTED OTHERWISE.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DIRECTOR OF PUBLIC WORKS [Signature] DATE 10/20/11
 CHIEF, TRANSPORTATION AND SPECIAL PROJECTS DIVISION [Signature] DATE 10/20/11

PREPARED BY
URS
 4 NORTH PARK DRIVE
 HUNT VALLEY, MARYLAND
 TEL: (410) 785-7220

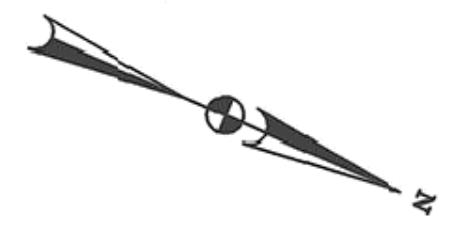


DES:	DTM			
DRN:	SYC			
CHK:	DTM			
DATE:	07/10	URS	1 ASBUILT SURVEY	09/14
BY:		NO.	REVISION	DATE

GRADING AND EROSION AND SEDIMENT CONTROL PLAN
 SCALE MAP NO. _____ BLOCK NO. _____

BROKEN LAND PARKWAY TRAIL IMPROVEMENTS
 7th ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

SCALE 1"=30'
 SHEET 9 OF 20



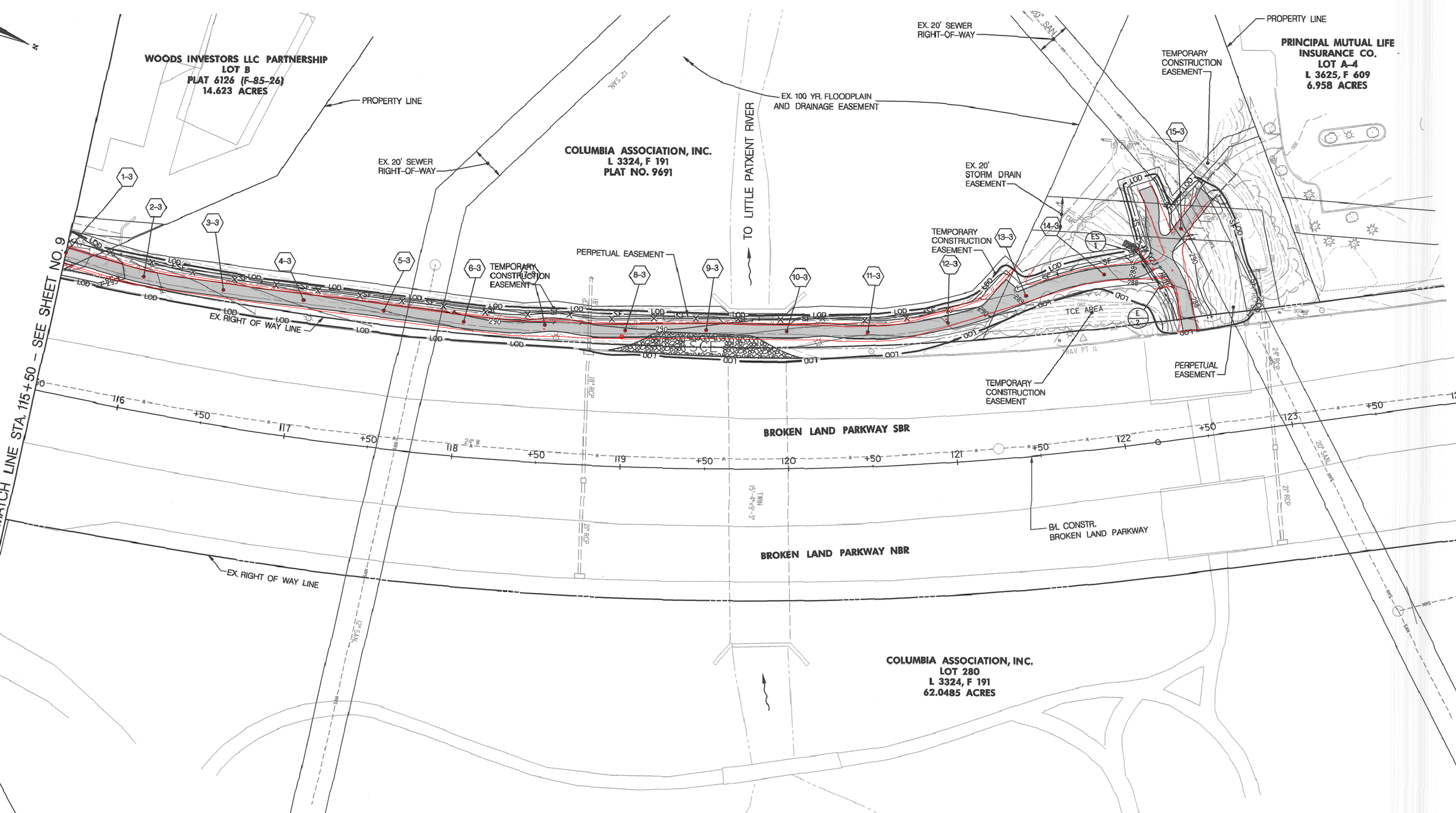
WOODS INVESTORS LLC PARTNERSHIP
LOT B
PLAT 6126 (F-85-24)
14.623 ACRES

COLUMBIA ASSOCIATION, INC.
L 3324, F 191
PLAT NO. 9691

PRINCIPAL MUTUAL LIFE
INSURANCE CO.
LOT A-4
L 3625, F 609
6.958 ACRES

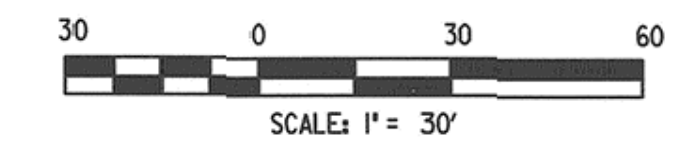
TO LITTLE PATENT RIVER

MATCH LINE STA. 115+50 - SEE SHEET NO. 9



NO.	STATION	OFFSET	ELEVATION	OFFSET	ELEVATION
1-3	115+50	83.41', LT.	296.65	81.52' LT.	298.41
2-3	116+00	78.95', LT.	294.45	78.17' LT.	294.56
3-3	116+50	79.95', LT.	292.80	79.45' LT.	293.06
4-3	117+00	81.25', LT.	291.75	80.75' LT.	291.71
5-3	117+50	81.53', LT.	291.00	80.76' LT.	291.10
6-3	118+00	79.84', LT.	290.50	79.40' LT.	290.61
7-3	118+50	81.58', LT.	290.03	79.36' LT.	290.46
8-3	119+00	80.72', LT.	290.03	80.26' LT.	290.25
9-3	119+50	82.15', LT.	290.20	81.72' LT.	290.50
10-3	120+00	81.16', LT.	291.03	81.12' LT.	291.27
11-3	120+50	79.46', LT.	291.96	78.70' LT.	292.22
12-3	121+00	82.73', LT.	290.95	84.83' LT.	291.24
13-3	121+50	95.03', LT.	288.93	95.76' LT.	289.52
14-3	122+00	102.71', LT.	288.10	103.18' LT.	288.45
15-3	122+50	123.76', LT.	290.50	123.09' LT.	290.27

NOTE:
ALL TREES WITHIN THE LIMIT OF DISTURDANCE
SHALL BE REMOVED UNLESS NOTED OTHERWISE.



PROFESSIONAL CERTIFICATION
"I HEREBY CERTIFY THAT 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. 16156, EXPIRATION DATE: 8/28/2012."

ENGINEER'S CERTIFICATE
"I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

David T. Moricani
DAVID T. MORICANI 11-15-11
SIGNATURE OF ENGINEER (PRINT NAME BELOW SIGNATURE) DATE

DEVELOPER'S CERTIFICATE
"I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION OF THIS PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

SIGNATURE OF DEVELOPER (PRINT NAME BELOW SIGNATURE) DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.
[Signature] 11/29/11
HOWARD SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DIRECTOR OF PUBLIC WORKS DATE
CHIEF, BUREAU OF ENGINEERING DATE
CHIEF, TRANSPORTATION AND SPECIAL PROJECTS DIVISION DATE
CHIEF, BUREAU OF HIGHWAYS DATE

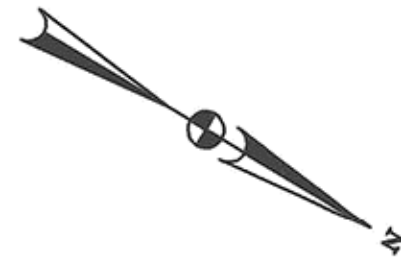
PREPARED BY
URS
4 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
TEL: (410) 785-7220



DES: DTM
DRN: SYC
CHK: DTM
DATE: 10/11
BY NO. REVISION DATE

GRADING AND EROSION AND SEDIMENT CONTROL PLAN
SCALE MAP NO. BLOCK NO.

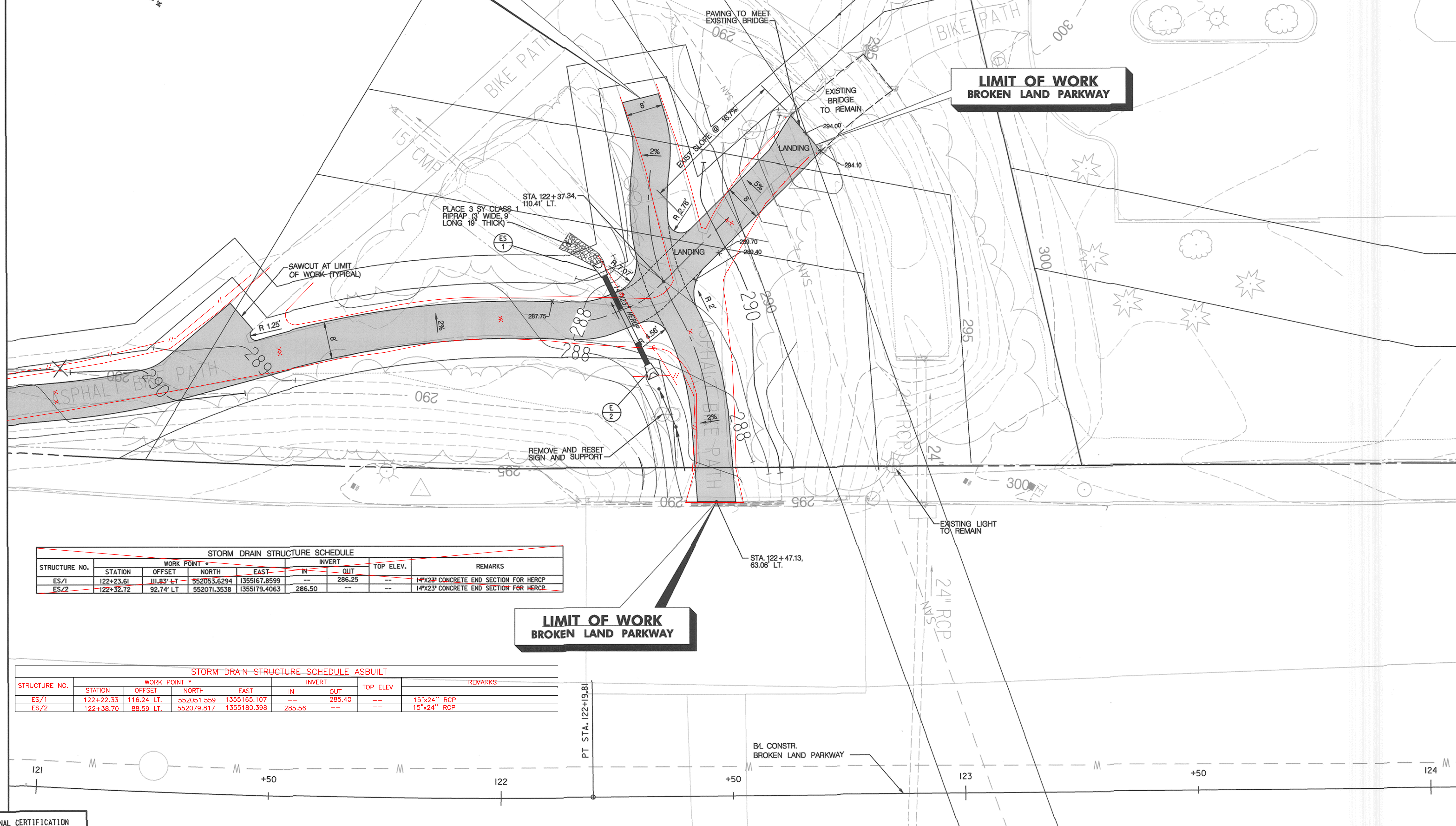
BROKEN LAND PARKWAY TRAIL IMPROVEMENTS
7th ELECTION DISTRICT - HOWARD COUNTY, MARYLAND
SCALE 1"=30'
SHEET 10 OF 20



**LIMIT OF WORK
BROKEN LAND PARKWAY**

**LIMIT OF WORK
BROKEN LAND PARKWAY**

**LIMIT OF WORK
BROKEN LAND PARKWAY**



STORM DRAIN STRUCTURE SCHEDULE							
STRUCTURE NO.	STATION	WORK POINT *		INVERT		TOP ELEV.	REMARKS
		OFFSET	NORTH	EAST	IN		
ES/1	122+23.61	111.83' LT	552053.6294	1355167.8599	--	286.25	14"x23" CONCRETE END SECTION FOR HERCP
ES/2	122+32.72	92.74' LT	552071.3538	1355179.4063	286.50	--	14"x23" CONCRETE END SECTION FOR HERCP

STORM DRAIN STRUCTURE SCHEDULE ASBUILT							
STRUCTURE NO.	STATION	WORK POINT *		INVERT		TOP ELEV.	REMARKS
		OFFSET	NORTH	EAST	IN		
ES/1	122+22.33	116.24 LT.	552051.559	1355165.107	--	285.40	15"x24" RCP
ES/2	122+38.70	88.59 LT.	552079.817	1355180.398	285.56	--	15"x24" RCP

PROFESSIONAL CERTIFICATION
 "I HEREBY CERTIFY THAT 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. 16156 EXPIRATION DATE: 8/28/2012"

1 PLAN 'E'
14

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Director of Public Works: *Steve Shanon* 11/17/11
 Chief, Transportation and Special Projects Division: *Steve Shanon* 11/17/11

PREPARED BY
URS
 4 NORTH PARK DRIVE
 HUNT VALLEY, MARYLAND
 TEL: (410) 785-7220



DES: DTM			
DRN: SYC			
CHK: DTM			
DATE: 10/11	URS	ASBUILT SURVEY	09/14
BY NO.		REVISION	DATE

RAMP DETAIL
 SCALE MAP NO. _____ BLOCK NO. _____

**BROKEN LAND PARKWAY
 TRAIL IMPROVEMENTS**
 7th ELECTION DISTRICT - HOWARD COUNTY, MARYLAND
 SCALE 1" = 10'
 SHEET 14 OF 20