

LINE TABLE

LINE NO.	DESCRIPTION	DATE	BY
1	PRELIMINARY	11/15/17	JL
2	REVISED	11/15/17	JL
3	REVISED	11/15/17	JL
4	REVISED	11/15/17	JL
5	REVISED	11/15/17	JL
6	REVISED	11/15/17	JL
7	REVISED	11/15/17	JL
8	REVISED	11/15/17	JL
9	REVISED	11/15/17	JL
10	REVISED	11/15/17	JL
11	REVISED	11/15/17	JL
12	REVISED	11/15/17	JL
13	REVISED	11/15/17	JL
14	REVISED	11/15/17	JL
15	REVISED	11/15/17	JL
16	REVISED	11/15/17	JL
17	REVISED	11/15/17	JL
18	REVISED	11/15/17	JL
19	REVISED	11/15/17	JL
20	REVISED	11/15/17	JL

STORMWATER LEGEND

WOODS/GRASS COMBINATION

GRASS AREA

CONCRESSION ROUTE

WATERSHED BOUNDARY

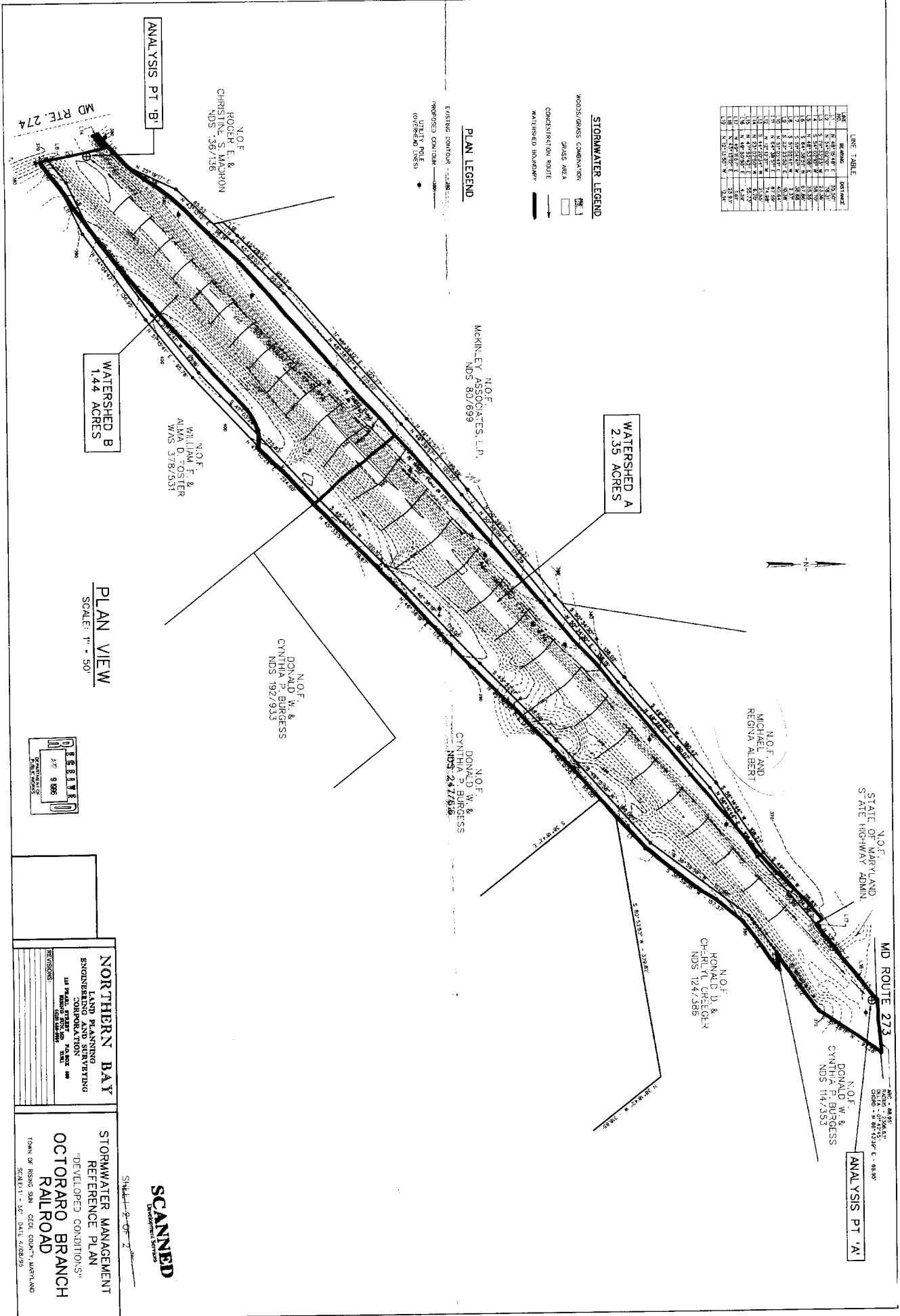
PLAN LEGEND

EXISTING CONTOUR

PROPOSED CONTOUR

EXISTING POLYLINE

PROPOSED POLYLINE



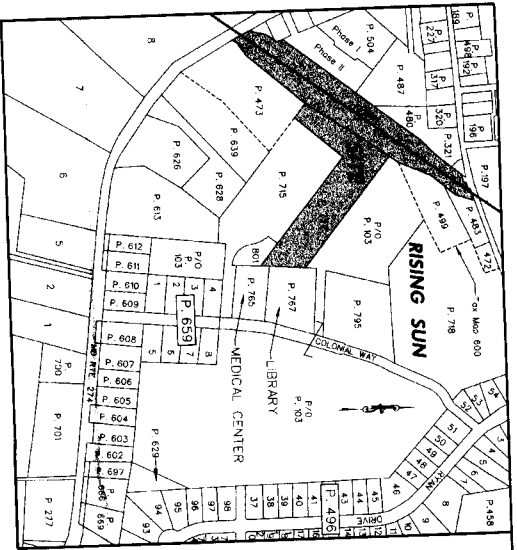
PLAN VIEW
SCALE: 1" = 50'



NORTHERN BAY
LAND PLANNING
ENGINEERING AND SURVEYING
CORPORATION
111 PAUL STREET, SUITE 400
ANNAPOLIS, MD 21403
TEL: 410-261-1234
FAX: 410-261-1235

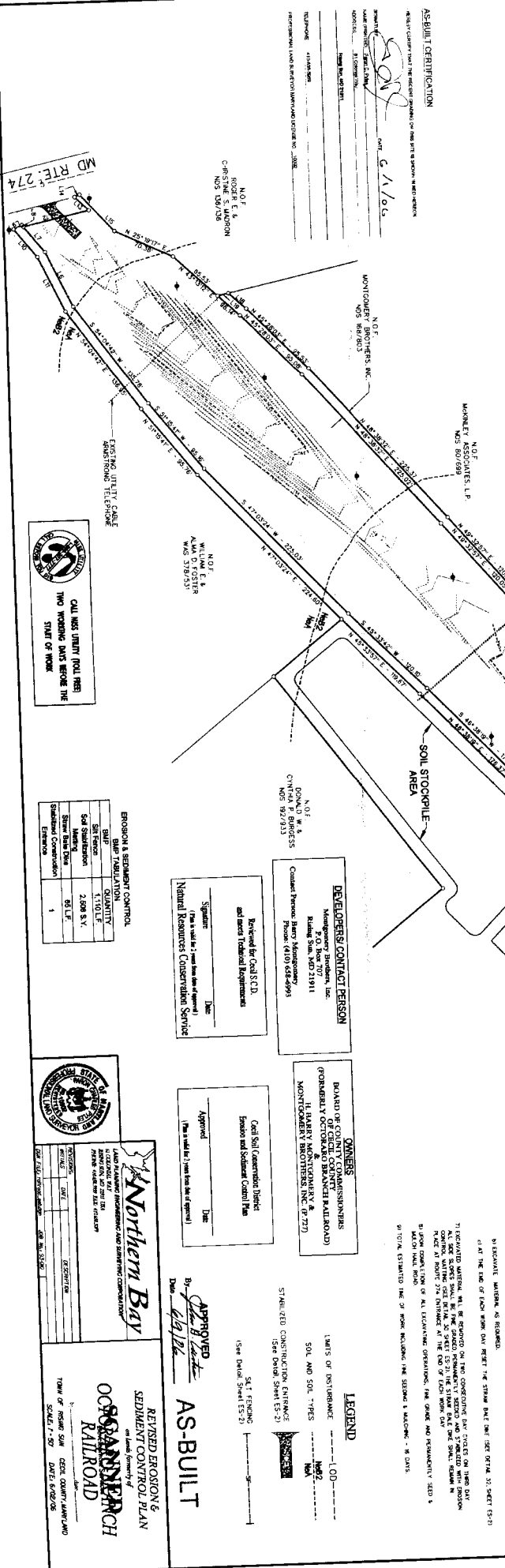
STORMWATER MANAGEMENT
REFERENCE PLAN
"DEVELOPED CONDITIONS"
OCTORARO BRANCH
RAILROAD
TOWN OF BEING SOWN CDL COURT, MARYLAND
SCALE: 1" = 50' DATE: 6/18/17

SCANNED
Development Services



SITE VICINITY MAP
SITE: TAX MAP 10 & 600, BLOCK 11
PARCEL 720 & 701
ADJ. PARCELS: 700, 705
ADJ. (NO SCALE)

AS-BUILT CONDITIONS SHOWN HEREON IN RED WERE FIELD LOCATED ON JUNE 1, 2016



DESIGNER'S CERTIFICATION

I HEREBY CERTIFY THAT ALL SEDIMENT AND EROSION CONTROL MEASURES SHOWN ON THESE PLANS HAVE BEEN RECORDED IN THE OFFICE OF THE STATE ENGINEER AND STATE DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE FOR CONSTRUCTION CONTROL.

OWNER / DEVELOPER CERTIFICATIONS

I, BARRY MONTGOMERY, HEREBY CERTIFY THAT THIS LAND WILL BE DEVELOPED IN ACCORDANCE WITH THE APPROVED SEDIMENTATION CONTROL PLAN AND EROSION CONTROL PLAN AND THAT I WILL MAINTAIN ALL SEDIMENTATION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.

GENERAL DESCRIPTION OF PREDOMINANT SOIL TYPES
This site is located in the 100-foot flood plain (including wetlands) of the Little Patuxent River. The predominant soil types are Oxisol (Ultisol) and Entisol (Ultisol). The soil is primarily composed of sand, silt, and clay with varying degrees of organic matter.

LINE TABLE

LINE NO.	DESCRIPTION	DATE	BY
1	PROPOSED CONSTRUCTION	06/01/16	B.M.
2	AS-BUILT CONDITIONS	06/01/16	B.M.
3	EROSION CONTROL MEASURES	06/01/16	B.M.
4	SEDIMENTATION CONTROL MEASURES	06/01/16	B.M.
5	UTILITIES	06/01/16	B.M.
6	PROPERTY LINES	06/01/16	B.M.
7	EXISTING UTILITIES	06/01/16	B.M.
8	EXISTING ROADWAYS	06/01/16	B.M.
9	EXISTING WETLANDS	06/01/16	B.M.
10	EXISTING FLOOD PLAIN	06/01/16	B.M.

CONTRACTORS:
BARRY MONTGOMERY
N.O.F.
10000 W. 3000 N.
MONTGOMERY, INC.
NOS. 894/803

DATE: 06/01/16

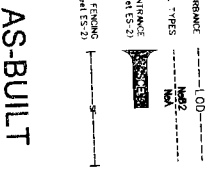
SITE DATA

- 1. TOTAL AREA OF PROJECT: 2.86 AC.
- 2. TOTAL AREA TO BE IMPROVED: 2.86 AC.
- 3. TOTAL AREA TO BE IMPROVED (EXCLUDED): 2.86 AC.
- 4. TOTAL AREA TO BE IMPROVED (EXCLUDED): NONE
- 5. ESTIMATED CUT: 1.48 CU YD
- 6. ESTIMATED FILL: 1.48 CU YD

SEQUENCE OF OPERATIONS

1. OBTAIN ALL REQUIRED PERMITS FROM THE STATE OF MARYLAND.
2. THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION MEETING WITH THE PROJECT SITE ENGINEER AND THE STATE DEPARTMENT OF THE ENVIRONMENT (SDE) TO REVIEW THE SEDIMENTATION CONTROL PLAN AND EROSION CONTROL PLAN.
3. THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENTATION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
4. THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENTATION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
5. THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENTATION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.

LEGEND



Northern Bay

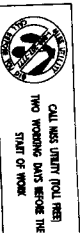
REVISSED EROSION & SEDIMENT CONTROL PLAN

OCSEANVIEW RAILROAD

DATE: 6/20/16

EROSION & SEDIMENT CONTROL

CONTROL MEASURE	CONSTRUCTION	OPERATIONAL
Silt Fence	1.00	1.00
Sedimentation Basin	1.00	1.00
Stabilization	1.00	1.00
Straw Bale Barrier	1.00	1.00
Other	1.00	1.00



CALL HAS ONLY BEEN MADE TWO WORKING DAYS BEFORE THE STATE OF MARYLAND



APPROVED

By: [Signature]

Date: 6/20/16

AS-BUILT

LEGEND

AS-BUILT CERTIFICATION

I, DONALD W. S. BRIGGS, N.O.F., 10000 W. 3000 N., MONTGOMERY, INC., NOS. 894/803, HEREBY CERTIFY THAT THE DESIGN SHOWN ON THIS SET OF PLANS WAS FIELD LOCATED ON JUNE 1, 2016.

AS-BUILT CERTIFICATION

I, BARRY MONTGOMERY, N.O.F., 10000 W. 3000 N., MONTGOMERY, INC., NOS. 894/803, HEREBY CERTIFY THAT THE DESIGN SHOWN ON THIS SET OF PLANS WAS FIELD LOCATED ON JUNE 1, 2016.

AS-BUILT CERTIFICATION

I, DONALD W. S. BRIGGS, N.O.F., 10000 W. 3000 N., MONTGOMERY, INC., NOS. 894/803, HEREBY CERTIFY THAT THE DESIGN SHOWN ON THIS SET OF PLANS WAS FIELD LOCATED ON JUNE 1, 2016.

AS-BUILT CERTIFICATION

I, EDWARD M. AND JUDITH FISHER, N.O.F., 10000 W. 3000 N., MONTGOMERY, INC., NOS. 894/803, HEREBY CERTIFY THAT THE DESIGN SHOWN ON THIS SET OF PLANS WAS FIELD LOCATED ON JUNE 1, 2016.

AS-BUILT CERTIFICATION

I, DONALD W. S. BRIGGS, N.O.F., 10000 W. 3000 N., MONTGOMERY, INC., NOS. 894/803, HEREBY CERTIFY THAT THE DESIGN SHOWN ON THIS SET OF PLANS WAS FIELD LOCATED ON JUNE 1, 2016.

AS-BUILT CERTIFICATION

I, DONALD W. S. BRIGGS, N.O.F., 10000 W. 3000 N., MONTGOMERY, INC., NOS. 894/803, HEREBY CERTIFY THAT THE DESIGN SHOWN ON THIS SET OF PLANS WAS FIELD LOCATED ON JUNE 1, 2016.

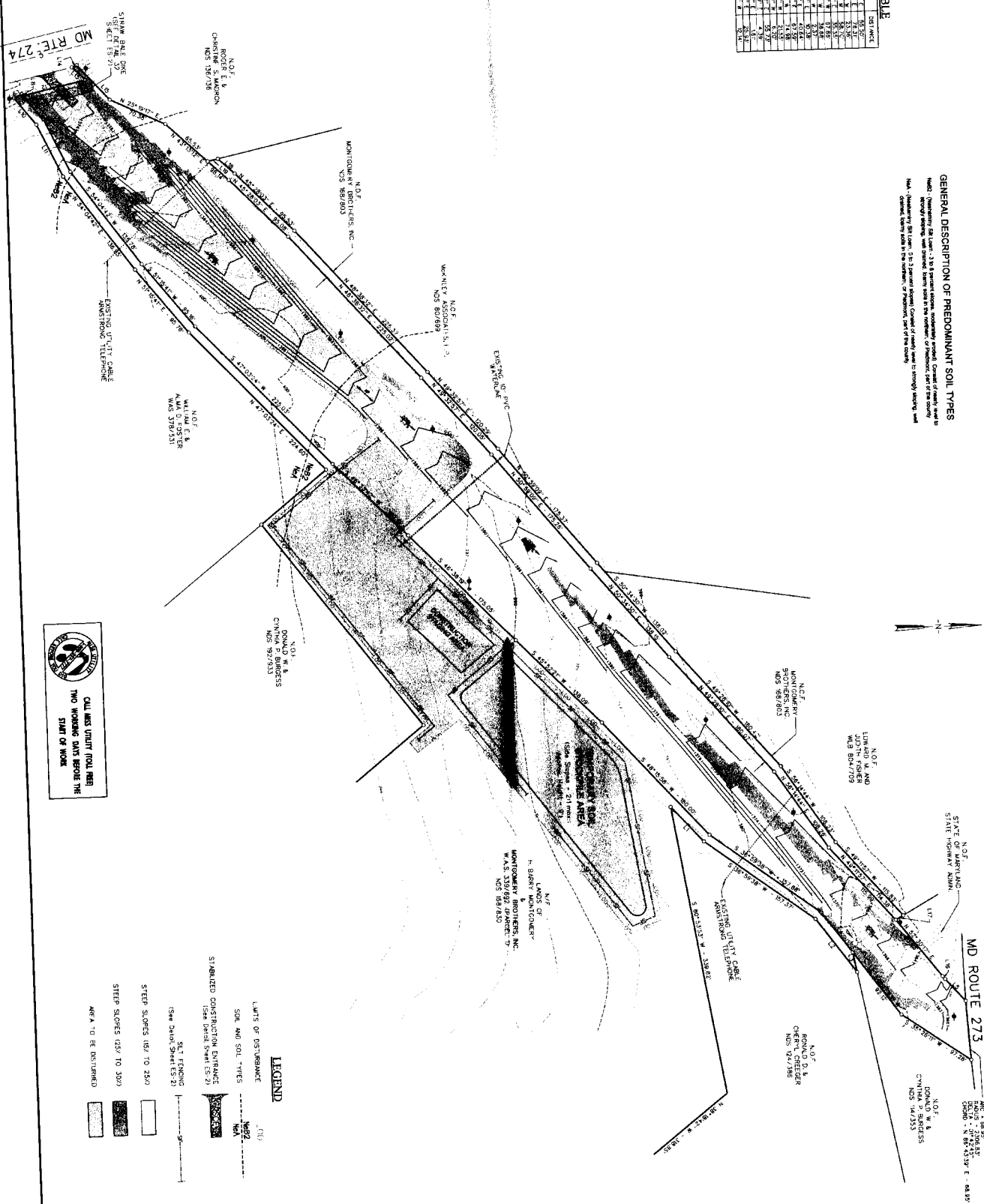
AS-BUILT CERTIFICATION

I, DONALD W. S. BRIGGS, N.O.F., 10000 W. 3000 N., MONTGOMERY, INC., NOS. 894/803, HEREBY CERTIFY THAT THE DESIGN SHOWN ON THIS SET OF PLANS WAS FIELD LOCATED ON JUNE 1, 2016.

LINE TABLE

LINE NO.	DESCRIPTION	START STATION	END STATION	LENGTH
1	RIGHT OF WAY	0+00	0+00	0.00
2	RIGHT OF WAY	0+00	0+00	0.00
3	RIGHT OF WAY	0+00	0+00	0.00
4	RIGHT OF WAY	0+00	0+00	0.00
5	RIGHT OF WAY	0+00	0+00	0.00
6	RIGHT OF WAY	0+00	0+00	0.00
7	RIGHT OF WAY	0+00	0+00	0.00
8	RIGHT OF WAY	0+00	0+00	0.00
9	RIGHT OF WAY	0+00	0+00	0.00
10	RIGHT OF WAY	0+00	0+00	0.00
11	RIGHT OF WAY	0+00	0+00	0.00
12	RIGHT OF WAY	0+00	0+00	0.00
13	RIGHT OF WAY	0+00	0+00	0.00
14	RIGHT OF WAY	0+00	0+00	0.00
15	RIGHT OF WAY	0+00	0+00	0.00
16	RIGHT OF WAY	0+00	0+00	0.00
17	RIGHT OF WAY	0+00	0+00	0.00
18	RIGHT OF WAY	0+00	0+00	0.00
19	RIGHT OF WAY	0+00	0+00	0.00
20	RIGHT OF WAY	0+00	0+00	0.00
21	RIGHT OF WAY	0+00	0+00	0.00
22	RIGHT OF WAY	0+00	0+00	0.00
23	RIGHT OF WAY	0+00	0+00	0.00
24	RIGHT OF WAY	0+00	0+00	0.00
25	RIGHT OF WAY	0+00	0+00	0.00
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27	RIGHT OF WAY	0+00	0+00	0.00
28	RIGHT OF WAY	0+00	0+00	0.00
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30	RIGHT OF WAY	0+00	0+00	0.00
31	RIGHT OF WAY	0+00	0+00	0.00
32	RIGHT OF WAY	0+00	0+00	0.00
33	RIGHT OF WAY	0+00	0+00	0.00
34	RIGHT OF WAY	0+00	0+00	0.00
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39	RIGHT OF WAY	0+00	0+00	0.00
40	RIGHT OF WAY	0+00	0+00	0.00
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42	RIGHT OF WAY	0+00	0+00	0.00
43	RIGHT OF WAY	0+00	0+00	0.00
44	RIGHT OF WAY	0+00	0+00	0.00
45	RIGHT OF WAY	0+00	0+00	0.00
46	RIGHT OF WAY	0+00	0+00	0.00
47	RIGHT OF WAY	0+00	0+00	0.00
48	RIGHT OF WAY	0+00	0+00	0.00
49	RIGHT OF WAY	0+00	0+00	0.00
50	RIGHT OF WAY	0+00	0+00	0.00
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56	RIGHT OF WAY	0+00	0+00	0.00
57	RIGHT OF WAY	0+00	0+00	0.00
58	RIGHT OF WAY	0+00	0+00	0.00
59	RIGHT OF WAY	0+00	0+00	0.00
60	RIGHT OF WAY	0+00	0+00	0.00
61	RIGHT OF WAY	0+00	0+00	0.00
62	RIGHT OF WAY	0+00	0+00	0.00
63	RIGHT OF WAY	0+00	0+00	0.00
64	RIGHT OF WAY	0+00	0+00	0.00
65	RIGHT OF WAY	0+00	0+00	0.00
66	RIGHT OF WAY	0+00	0+00	0.00
67	RIGHT OF WAY	0+00	0+00	0.00
68	RIGHT OF WAY	0+00	0+00	0.00
69	RIGHT OF WAY	0+00	0+00	0.00
70	RIGHT OF WAY	0+00	0+00	0.00
71	RIGHT OF WAY	0+00	0+00	0.00
72	RIGHT OF WAY	0+00	0+00	0.00
73	RIGHT OF WAY	0+00	0+00	0.00
74	RIGHT OF WAY	0+00	0+00	0.00
75	RIGHT OF WAY	0+00	0+00	0.00
76	RIGHT OF WAY	0+00	0+00	0.00
77	RIGHT OF WAY	0+00	0+00	0.00
78	RIGHT OF WAY	0+00	0+00	0.00
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80	RIGHT OF WAY	0+00	0+00	0.00
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85	RIGHT OF WAY	0+00	0+00	0.00
86	RIGHT OF WAY	0+00	0+00	0.00
87	RIGHT OF WAY	0+00	0+00	0.00
88	RIGHT OF WAY	0+00	0+00	0.00
89	RIGHT OF WAY	0+00	0+00	0.00
90	RIGHT OF WAY	0+00	0+00	0.00
91	RIGHT OF WAY	0+00	0+00	0.00
92	RIGHT OF WAY	0+00	0+00	0.00
93	RIGHT OF WAY	0+00	0+00	0.00
94	RIGHT OF WAY	0+00	0+00	0.00
95	RIGHT OF WAY	0+00	0+00	0.00
96	RIGHT OF WAY	0+00	0+00	0.00
97	RIGHT OF WAY	0+00	0+00	0.00
98	RIGHT OF WAY	0+00	0+00	0.00
99	RIGHT OF WAY	0+00	0+00	0.00
100	RIGHT OF WAY	0+00	0+00	0.00

GENERAL DESCRIPTION OF PREDOMINANT SOIL TYPES
 Most of the project area is underlain by the following soil types: (1) **CLAY**, (2) **SAND**, (3) **GRAVEL**, (4) **SILT**, (5) **CLAY**, (6) **SAND**, (7) **GRAVEL**, (8) **SILT**, (9) **CLAY**, (10) **SAND**, (11) **GRAVEL**, (12) **SILT**, (13) **CLAY**, (14) **SAND**, (15) **GRAVEL**, (16) **SILT**, (17) **CLAY**, (18) **SAND**, (19) **GRAVEL**, (20) **SILT**, (21) **CLAY**, (22) **SAND**, (23) **GRAVEL**, (24) **SILT**, (25) **CLAY**, (26) **SAND**, (27) **GRAVEL**, (28) **SILT**, (29) **CLAY**, (30) **SAND**, (31) **GRAVEL**, (32) **SILT**, (33) **CLAY**, (34) **SAND**, (35) **GRAVEL**, (36) **SILT**, (37) **CLAY**, (38) **SAND**, (39) **GRAVEL**, (40) **SILT**, (41) **CLAY**, (42) **SAND**, (43) **GRAVEL**, (44) **SILT**, (45) **CLAY**, (46) **SAND**, (47) **GRAVEL**, (48) **SILT**, (49) **CLAY**, (50) **SAND**, (51) **GRAVEL**, (52) **SILT**, (53) **CLAY**, (54) **SAND**, (55) **GRAVEL**, (56) **SILT**, (57) **CLAY**, (58) **SAND**, (59) **GRAVEL**, (60) **SILT**, (61) **CLAY**, (62) **SAND**, (63) **GRAVEL**, (64) **SILT**, (65) **CLAY**, (66) **SAND**, (67) **GRAVEL**, (68) **SILT**, (69) **CLAY**, (70) **SAND**, (71) **GRAVEL**, (72) **SILT**, (73) **CLAY**, (74) **SAND**, (75) **GRAVEL**, (76) **SILT**, (77) **CLAY**, (78) **SAND**, (79) **GRAVEL**, (80) **SILT**, (81) **CLAY**, (82) **SAND**, (83) **GRAVEL**, (84) **SILT**, (85) **CLAY**, (86) **SAND**, (87) **GRAVEL**, (88) **SILT**, (89) **CLAY**, (90) **SAND**, (91) **GRAVEL**, (92) **SILT**, (93) **CLAY**, (94) **SAND**, (95) **GRAVEL**, (96) **SILT**, (97) **CLAY**, (98) **SAND**, (99) **GRAVEL**, (100) **SILT**.



CALL ALL UTILTY TOLL FREE TWO WORKING DAYS BEFORE THE START OF WORK

LEGEND

	LIMITS OF DISTURBANCE
	SOIL AND SOIL TYPES
	STABILIZED CONSTRUCTION ENTRANCE
	STEEP SLOPES (10% TO 25%)
	STEEP SLOPES (15% TO 30%)
	AREAS TO BE DISTURBED

EROSION AND SEDIMENT CONTROL PLAN

Sheet ES-2

Northern Bay
 LAND PLANNING ENGINEERING AND SURVEYING CORPORATION
 11200 WINDY HILL
 RISING SUN, MD 21151 USA
 PHONE: 410.888.9999 FAX: 410.888.9999

DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 REVISED BY: _____

DCN FEB 19 2005 04 3011 JOB NO. 05-010

OCTORARO BRANCH RAILROAD

DEVELOPERS
 MONTGOMERY BROTHERS, INC.
 POST OFFICE BOX 787
 RISING SUN, MARYLAND 21151

TOWN OF RISING SUN
 CECIL COUNTY, MARYLAND

SEQUENCE OF OPERATIONS

1. DEMOLITION AND RECONSTRUCTION SHALL BE COMPLETED AT LEAST 60 DAYS IN ADVANCE OF THE COMMENCEMENT OF CONSTRUCTION OF THE MAINLINE AND BRANCHLINE TRACKS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION OF THE MAINLINE AND BRANCHLINE TRACKS AND FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION OF THE EROSION AND SEDIMENT CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION OF THE EROSION AND SEDIMENT CONTROL MEASURES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION OF THE EROSION AND SEDIMENT CONTROL MEASURES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION OF THE EROSION AND SEDIMENT CONTROL MEASURES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION OF THE EROSION AND SEDIMENT CONTROL MEASURES.

DESCRIPTION	QUANTITY
SPRINKLER SYSTEM	11,000 GALLONS
SUBSOIL	2,500 SQ. YD.
SEWER MAIN	500 L.F.
SEWER SERVICE LINES	1

DESIGNERS CERTIFICATION

I HEREBY CERTIFY THAT ALL SEDIMENT AND EROSION CONTROL MEASURES SHOWN ON THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE SEDIMENT CONTROL ACT, CHAPTER 44-110 AND ALL APPLICABLE REGULATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

(Signature)
DATE: 5/11/08

OWNER/DEVELOPER CERTIFICATIONS

I HEREBY CERTIFY THAT THE DEVELOPER HAS REVIEWED AND APPROVED THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THESE PLANS AND THAT THE DEVELOPER HAS REVIEWED AND APPROVED THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THESE PLANS AND THAT THE DEVELOPER HAS REVIEWED AND APPROVED THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THESE PLANS.

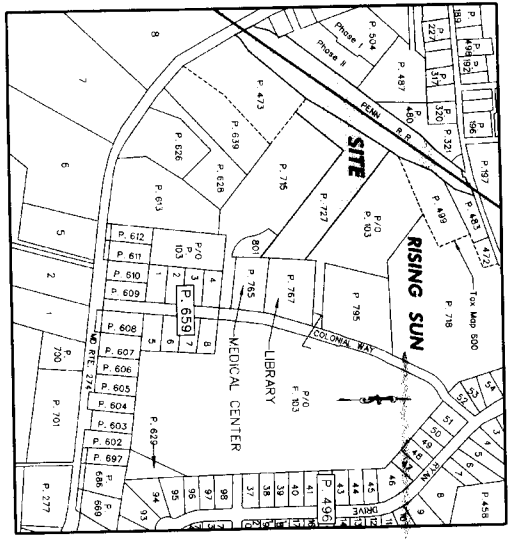
(Signature)
DATE: 5/11/08

Octoraro Branch Railroad

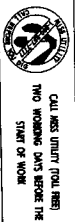
EROSION AND SEDIMENT CONTROL PLAN

SHEET INDEX

- Sheet ES-1.....COVER SHEET
- Sheet ES-2.....EROSION AND SEDIMENT CONTROL PLANS
- Sheet ES-3.....NOTES, DETAILS AND SPECIFICATIONS



SITE VICINITY MAP
SITE: TAX MAP 10 & 500, BLOCK 11
PARCEL 727 & PENNSYLVANIA RAILROAD
ADC MAP 3, GRID HS
(NO SCALE)



SITE DATA

- 1. TOTAL SITE AREA: 272 A.
- 2. TOTAL AREA OF DISTURBANCE: 272 A.
- 3. TOTAL AREA TO BE VEGETATIVELY RESTORED: 238 A.
- 4. TOTAL AREA TO BE REMOVED PERMANENTLY: NONE
- 5. ESTIMATED COST: 4,000,000

LEGEND

[Symbol]	LIMITS OF DISTURBANCE
[Symbol]	SOIL AND SOIL TYPES
[Symbol]	STABILIZED CONSTRUCTION LIMITANCE
[Symbol]	SILT FENCING
[Symbol]	STEPPED SLOPES (25% TO 28%)
[Symbol]	STEPPED SLOPES (29% TO 30%)
[Symbol]	AREA TO BE SAVED

DEVELOPERS CONTACT PERSON
Name: Barry Montgomery
Address: Rising Sun, MD 21151
Phone: (410) 254-6973

OWNERS
BOARD OF COUNTY COMMISSIONERS
OCTORARO BRANCH RAILROAD
11 BARREY MONTGOMERY &
MONTGOMERY BROTHERS, INC. (P. 727)

Approved for Cecil S.C.D. and other regulatory requirements
(Signature) Date: 5/11/08

Natural Resources Conservation Service
(Signature) Date: 5/11/08

EROSION AND SEDIMENT CONTROL COVER SHEET
Sheet ES-1



Northern Bay
LAND PLANNING ENGINEERING AND SURVEYING CORPORATION
1600 WASHINGTON ROAD
RISING SUN, MARYLAND 21151
PHONE: (410) 254-6973
FAX: (410) 254-6974
REVISIONS: 5/8/08 - Revised per SCS review comments.

DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
REVISOR:	
DATE:	5/8/08

OCTORARO BRANCH RAILROAD
SCHEDULED
RISING SUN, MARYLAND 21151
TOWN OF RISING SUN
CECIL COUNTY, MARYLAND