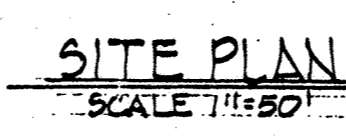


PURPOSE STATEMENT: THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS FOR:
 1) A REPLACEMENT OF UNDERGROUND STORAGE TANK (UST) FUEL STORAGE SYSTEMS AND DISPENSERS WITH ABOVE GROUND STORAGE TANK (AST) AND DISPENSING SYSTEMS. 2) TO PROVIDE A NEW WATER CONNECTION AND A REPLACEMENT OF THE EXISTING CREW TRAILER.

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE 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. 17641, EXPIRATION DATE 12/27/2015.

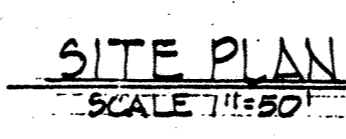
SEAL FOR RESIDENT NO. 10 ONLY



2-25-15

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE 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. 17641, EXPIRATION DATE 12/27/2015.

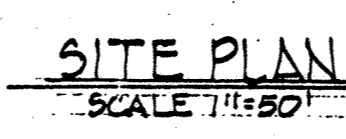
SEAL FOR RESIDENT NO. 10 ONLY



2-25-15

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE 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. 17641, EXPIRATION DATE 12/27/2015.

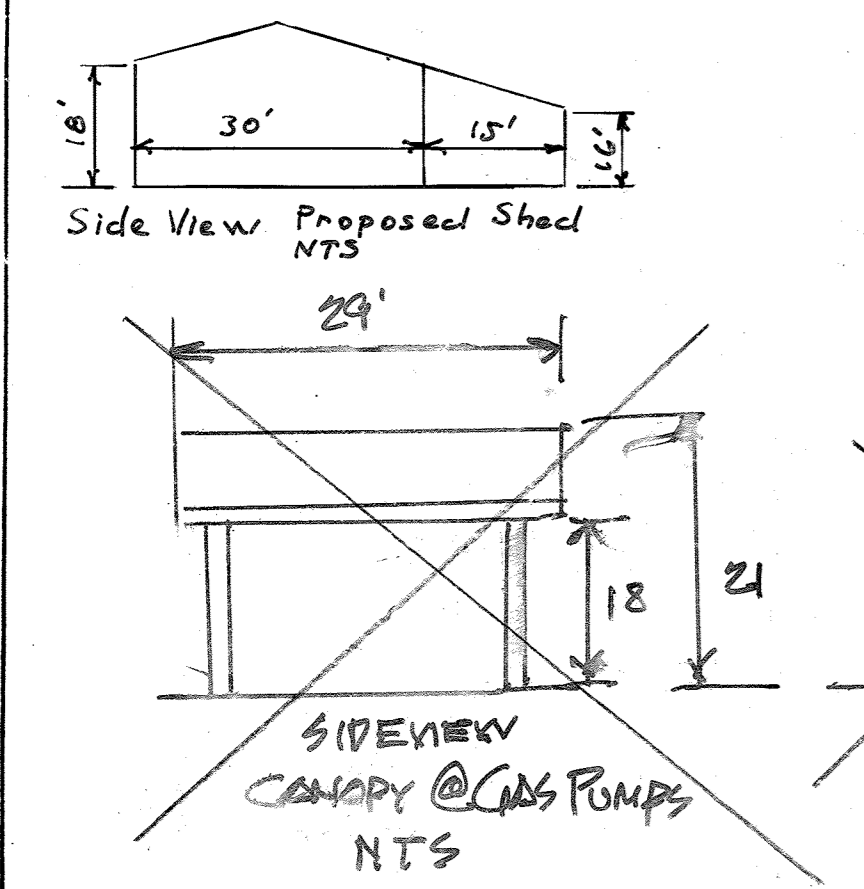
SEAL FOR RESIDENT NO. 10 ONLY



2-25-15

TRAILER ELEVATIONS
SCALE: N.T.S.

Sheet	Drawing Title
1	As-Built Side Plan
2	Site Plan
3	Drainage Area Map
4	Sediment Control Plan
5	Compound Plan and Elevation
6	TOWER COMPOUND PLAN + DETAILS



SITE PLAN
SCALE: 1"=50'

CANOPY ELEVATIONS
SCALE: N.T.S.

SHEET INDEX (CONTINUED)

SHEET	DRAWING
7	STORMWATER MANAGEMENT PLAN - C-01
8	STORMWATER MANAGEMENT PLAN - C-02
9	STORMWATER MANAGEMENT PLAN - C-03
10	STORMWATER MANAGEMENT PLAN - C-04
11	STORMWATER MANAGEMENT PLAN - C-05
12	DRAINAGE PROFILES - DP-01
13	DRAINAGE PROFILES - DP-02
14	STORM DRAIN SCHEDULE AND DETAILS - SD-01
15	STORMCEPTOR DETAILS - SC-01
16	DRAINAGE AREA MAP - DA-01

VICINITY MAP
SCALE: 1"=600'

SHEET INDEX

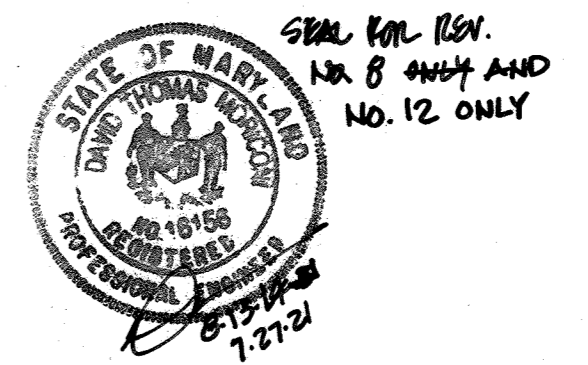
SHEET 1	REVISED SITE DEVELOPMENT PLAN
SHEET 2	SITE PLAN
SHEET 3	DRAINAGE AREA MAP
SHEET 4	SEDIMENT CONTROL PLAN
SHEET 5	COMPOUND PLAN + ELEVATION
SHEET 6	TOWER COMPOUND PLAN + DETAILS

(CONTINUED - THIS SHEET)

NOTE: FOR STORMCEPTOR DETAILS, SEE SHEETS 7 THRU 10.
 NOTE: OCTOBER 2013 REVISIONS INCLUDE ADDITION OF OIL WATER SEPARATOR AND DRAINAGE PIPING. OIL WATER SEPARATOR DISCHARGES TO EX. SANITARY SEWER (NOT SHOWN). FACILITY ADDRESS 7751 MAYFIELD AVENUE.

The information shown on this drawing was taken from an in-field as-built survey conducted August-September, 1992, by HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING CONSTRUCTION INSPECTION / SURVEY DIV. 11226 RT. 216 - PUBLIC WORKS ANNEX LAUREL, MD 20707. The property information shown on this plan is for orientation purposes only and is not intended to show an accurate property survey. (REF. FIELD BOOK # 4-B FAB A.)

Professional Certification: I hereby certify that these 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: 8-28-14-22



REV. NO.	REV. DATE	REVISION DESCRIPTION
5	7/20/05	ADD CANOPY @ GAS PUMPS
4	12-19-01	REV. DIM. ON PROP. WOODEN SHEDS
3	10-26-01	ADDED DIM. PER P.E. MEMO 10-23-01
2	10-5-01	ADD SALT STOR. BLDG & 3 VEHICLE STOR. SHEDS
1	1-12-98	ADD EX. WAREHOUSES & PROP. ASPH. DRIVE

OWNER & DEVELOPER
HOWARD COUNTY DEPT. OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 2430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043

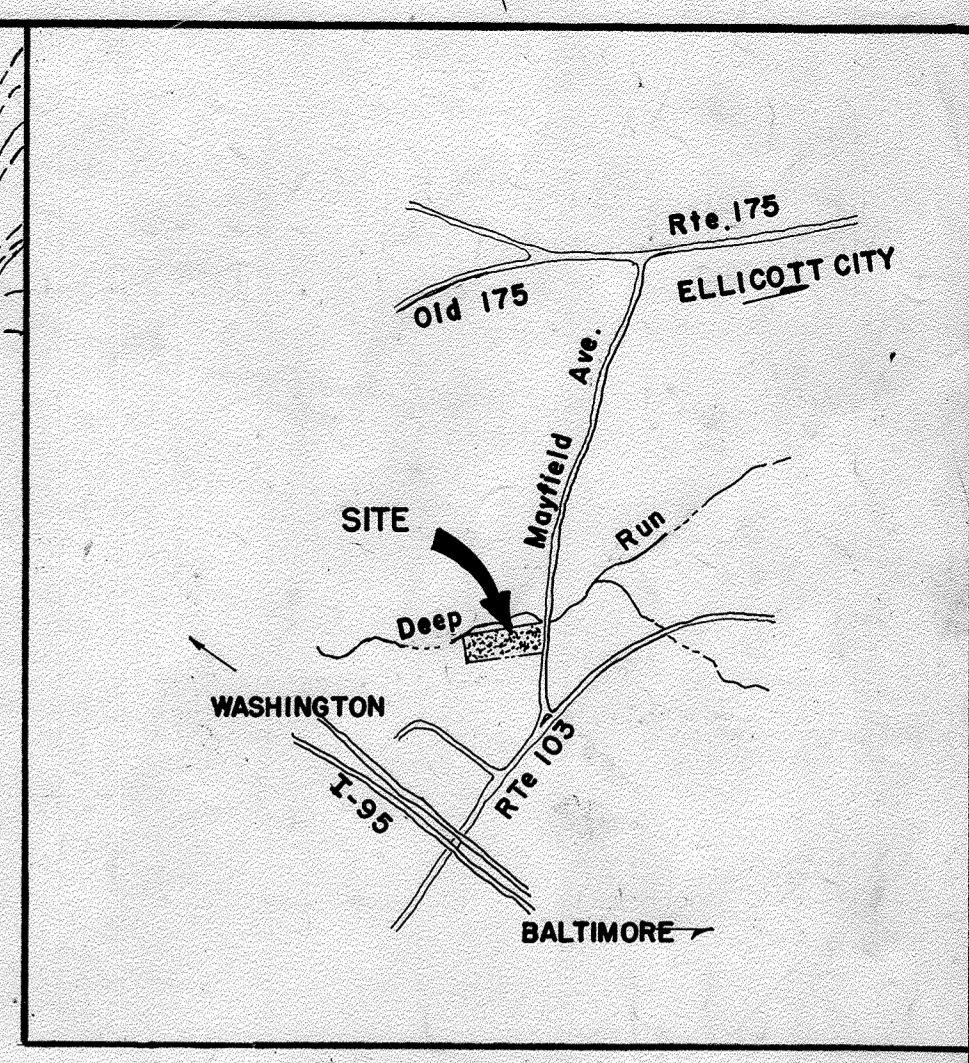
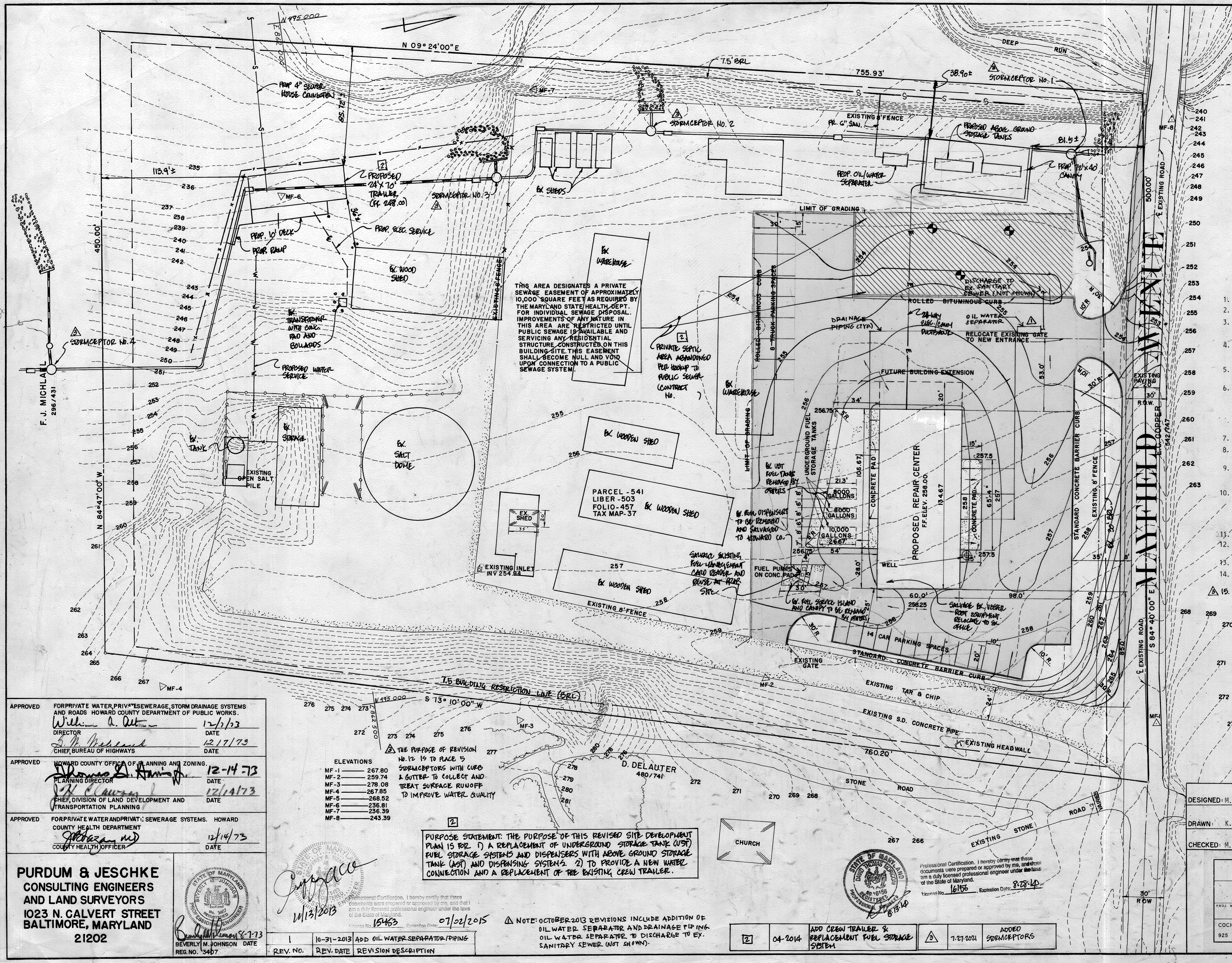
PROJECT TITLE
REVISED SITE DEVELOPMENT PLAN
MAYFIELD REPAIR FACILITY

DATE: OCT. 26, 1992
 SCALE: AS NOTED
 SHEET 1 OF 16

Professional Certification: I hereby certify that these 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. 4447 Expiration Date: 1-5-16
 Rev. No. 9 + Rev. 11

Rev. No.	DATE	Revision Description	Rev. No.	DATE	REV. DESCRIPTION/PURPOSE	Rev. No.	DATE	Description
9	11-06-14	NEW Telecommunications Compound	12	7-27-21	ADDED STORAGE TANKS; UPDATED SHEET INDEX	11	7/23/15	Tower Height Rev.
			10	2-25-15	ADD NEW TELECOMMUNICATIONS TOWER & COMPOUND			

#1129



- GENERAL NOTES**
- Present Zoning - R-20 R-5C
 - Total Acreage - 8.2 Ac.±
 - All parking spaces to be 10' x 20' and 15' x 30' (Trucking)
 - Proposed grades contours represent finished grades, contractor shall make allowances to subgrade for topsoil, paving and other surface finishes as required.
 - Contours and elevations are controls only. All grading is to be smooth and continuous.
 - All construction materials and details shall be in accordance with the latest revisions of the Howard County Road Construction Code and Standard Specifications.
 - See Architectural drawings for building dimensions.
 - All curbs to be Howard County Standard 7" Barrier Curb as per Standard Detail No. D-40.
 - All parking lot paving shall consist of 9" Crusher Run Base, 3" Bituminous Concrete Binder and 1 1/2" Bituminous Concrete Surface (See Detail This Sheet)
 - The Contractor shall notify the following utility companies a minimum of 3 days in advance of construction operations:
Bell Telephone System 393-3649
Long Distance Cable Division 393-3553
Baltimore Gas and Electric Co. 539-8000
 - Nose down all Curb Ends.
 - No. of parking spaces required: 12 cars - 8 trucks
No. of parking spaces provided: 14 cars - 8 trucks
 - Maximum coverage allowed 40% - proposed site coverage - 2.2%
 - Provide 3" caliber evergreen Canadian hemlock along Mayfield Avenue -
 - REFER TO ADDITIONAL NOTES ON SHEETS 5 AND 7.

- PAVING SECTION**
- 1 1/2" BITUMINOUS CONCRETE SURFACE
 - 3" BITUMINOUS CONCRETE BINDER
 - 9" CRUSHER RUN BASE
- APPROVED**
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 12/10/73

DESIGNED: M. Elmenshawy
DRAWN: K. Normile
CHECKED: M. Elmenshawy

OWNER AND DEVELOPER:
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY MARYLAND

CAPITAL PROJECT GC 0115 MAYFIELD REPAIR CENTER MAYFIELD AVENUE 1 ELECTION DIST.		DATE 8/3/73
SITE PLAN		DRAWING C-1
PROJ. NO.	SCALE 1" = 30'	OF 2 OF 16
COCHRAN, STEPHENSON & DONKEROE INCORPORATED ARCHITECTS 925 NORTH CHARLES STREET BALTIMORE, MARYLAND 21201		

APPROVED FOR PRIVATE WATER, PRIVATE SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
WILLIAM A. DUTT 12/17/73
DIRECTOR DATE
S. M. McLEOD 12/17/73
CHIEF BUREAU OF HIGHWAYS DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
THOMAS D. HANCOCK 12-14-73
PLANNING DIRECTOR DATE
J. H. CLAYTON 12/14/73
CHIEF DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
MICHAEL W. JONES 12/14/73
COUNTY HEALTH OFFICER DATE

ELEVATIONS

MF-1	267.80
MF-2	259.74
MF-3	278.08
MF-4	267.85
MF-5	268.52
MF-6	236.81
MF-7	236.39
MF-8	243.39

THE PURPOSE OF REVISION NO. 12 IS TO PLACE 5 STORMCEPTORS WITH CURB & GUTTER TO COLLECT AND TREAT SURFACE RUNOFF TO IMPROVE WATER QUALITY

PURPOSE STATEMENT: THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS FOR 1) A REPLACEMENT OF UNDERGROUND STORAGE TANK (UST) FUEL STORAGE SYSTEMS AND DISPENSERS WITH ABOVE GROUND STORAGE TANK (AST) AND DISPENSING SYSTEMS. 2) TO PROVIDE A NEW WATER CONNECTION AND A REPLACEMENT OF THE EXISTING CREW TRAILER.

NOTE: OCTOBER 2013 REVISIONS INCLUDE ADDITION OF OIL WATER SEPARATOR AND DRAINAGE PIPING TO DISCHARGE TO EX. SANITARY SEWER (NOT SHOWN).

PURDUM & JESCHKE
CONSULTING ENGINEERS
AND LAND SURVEYORS
1023 N. CALVERT STREET
BALTIMORE, MARYLAND
21202

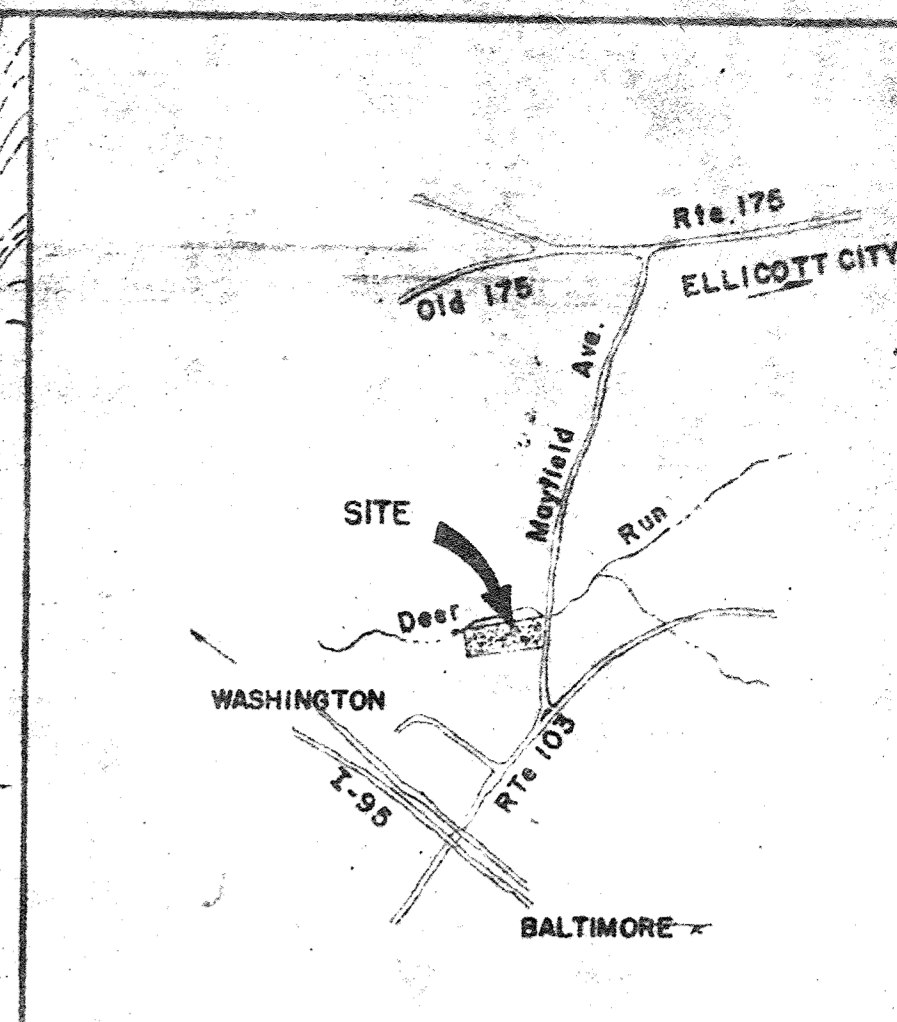
Professional Certification, I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
WILLIAM J. PURDUM
15463 01/02/2015

REV. NO.	REV. DATE	REVISION DESCRIPTION
1	10-31-2013	ADD OIL WATER SEPARATOR/PIPING

2	04-2014	ADD CREW TRAILER & REPLACEMENT FUEL STORAGE SYSTEM
3	7-27-2021	ADDED STORMCEPTORS



Professional Certification, I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
MICHAEL W. JONES
16156 Expiration Date: 8/28/14



VICINITY MAP
SCALE: 1 Mile = 2.5"

APPROVED: For private water, private sewerage, storm drainage systems and public roads. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.	
With - <i>A. Acton</i>	1/27/73
With - <i>A. Acton</i>	1-15/73
Director	Date
<i>S. P. McIsland</i>	11/6/74
<i>S. P. McIsland</i>	12/7/73
Chief, Bureau of Highways	Date
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
<i>Donald Harris</i>	1-30-74
Planning Director	Date
<i>W. Clowson</i>	11/29/74
Chief: Division of Land Development and Transportation Planning	Date
APPROVED: For private water and private sewerage systems. HOWARD COUNTY HEALTH DEPARTMENT	
<i>[Signature]</i>	1/29/74
County Health Officer	Date

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE: 12/10/73
[Signature]

NOTE: OCTOBER 2013 REVISIONS INCLUDE ADDITION OF OIL WATER SEPARATOR AND DRAINAGE PIPING. OIL WATER SEPARATOR TO DISCHARGE TO EX. SANITARY SEWER (NOT SHOWN).

REV. NO.	REV. DATE	REVISION DESCRIPTION
1	10-31-2013	ADD OIL WATER SEPARATOR/PIPING

DESIGNED: M. E. Imenshaw
DRAWN: D. Souders
CHECKED: M. E. Imenshaw

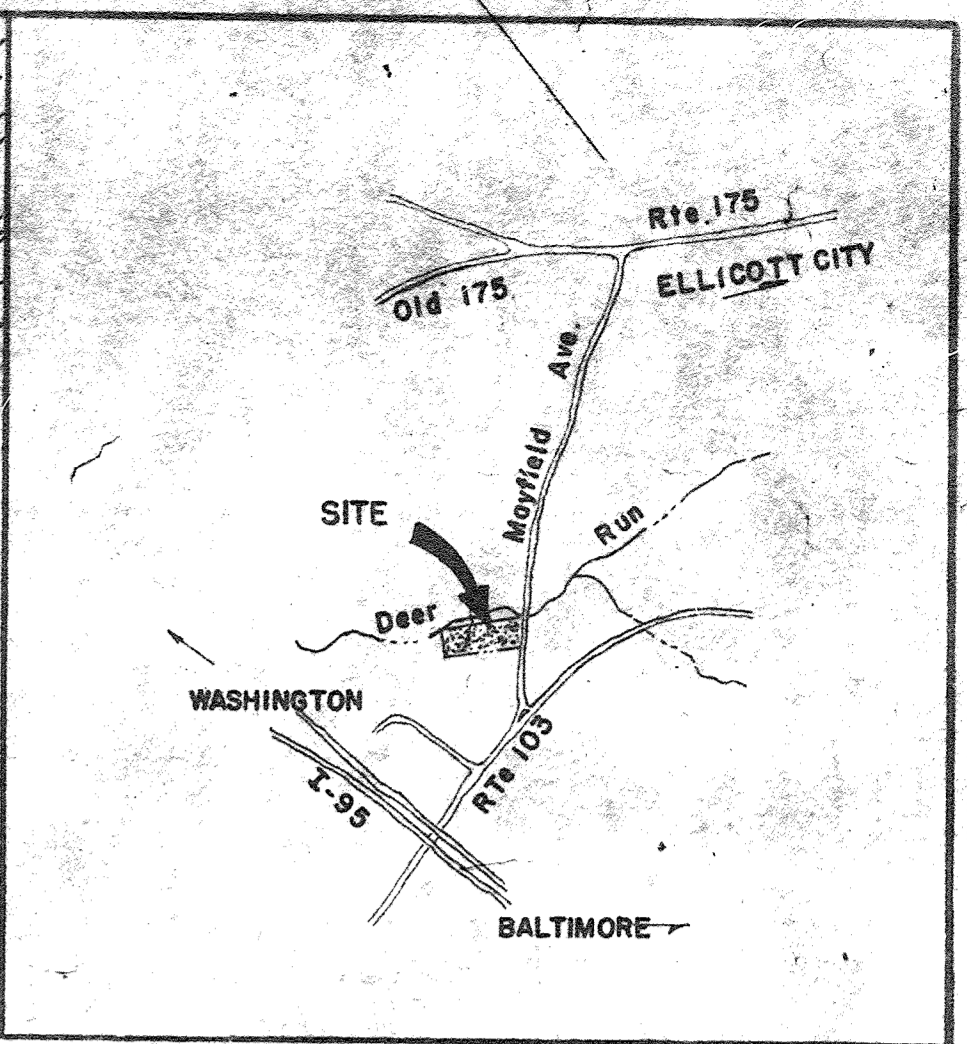
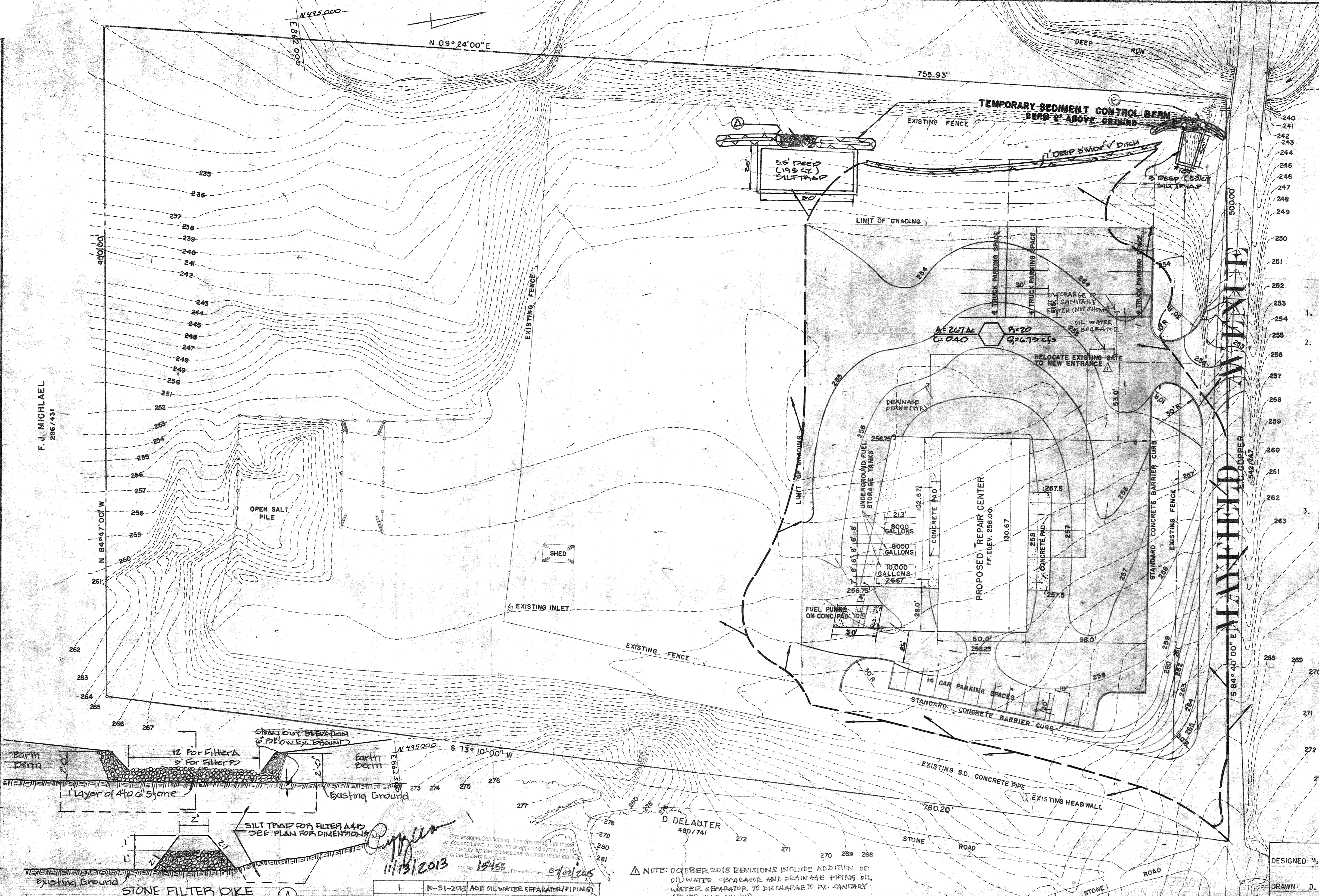
OWNER AND DEVELOPER:
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY MARYLAND

CAPITAL PROJECT G C 0115
MAYFIELD REPAIR CENTER
MAYFIELD AVENUE 1 ELECTION DIST.
DRAINAGE AREA MAP
DATE: 8/3/73
SCALE: 1" = 30'
SHEET: 3 OF 16
COCHRAN, STEPHENSON & KONKORVOET ARCHITECTS
925 NORTH CHARLES STREET BALTIMORE, MARYLAND 21201

PURDUM & JESCHKE
CONSULTING ENGINEERS
AND LAND SURVEYORS
1023 N. CALVERT STREET
BALTIMORE, MARYLAND
21202

STATE OF MARYLAND
BEVERLY W. JOHNSON, DATE: 1-18-74
REG. NO. 3407

[Signature]
12/13/2013
15463
07/02/2015



VICINITY MAP
SCALE: 1 Mile=2.5"

SEDIMENT CONTROL NOTES

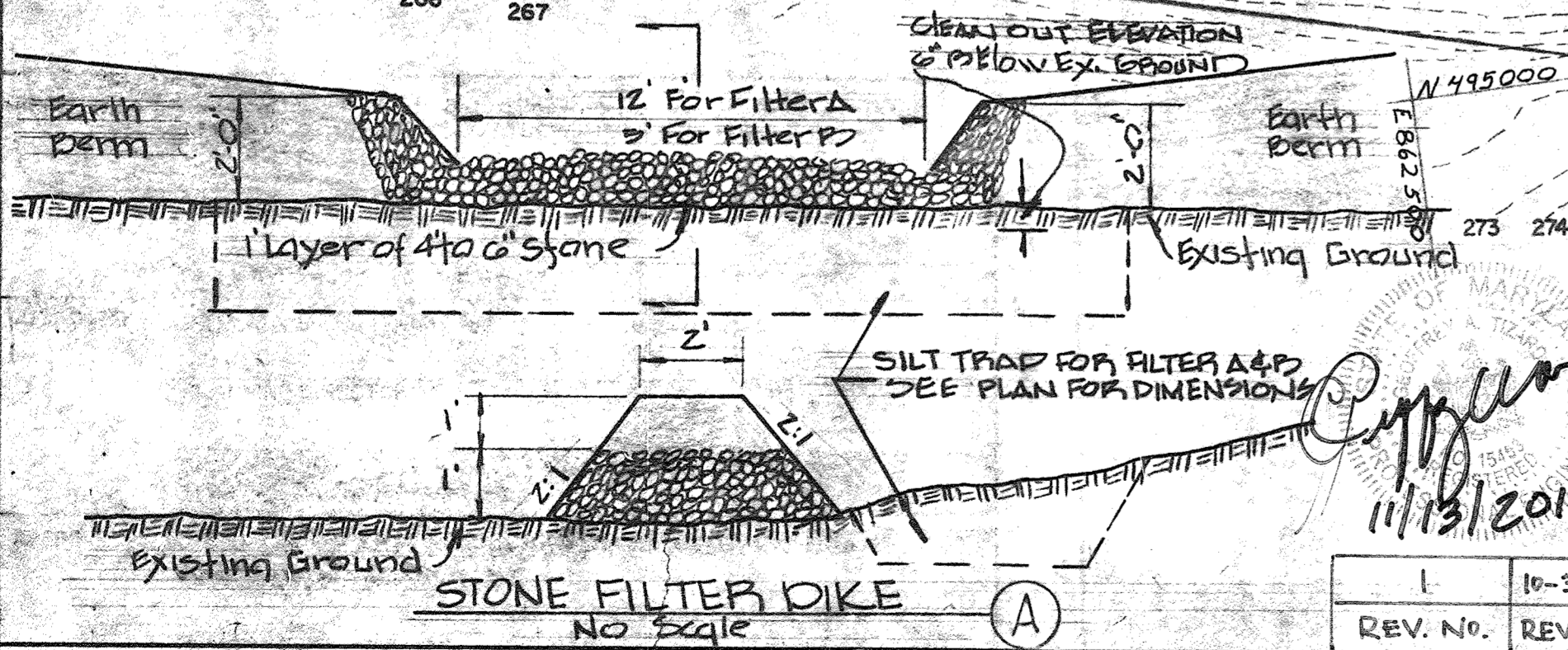
- The Developer shall notify the Howard County Soil Conservation District at least 24 hours prior to beginning any construction shown hereon.
- All sediment control measures to be constructed and stabilized prior to any onsite grading or disturbance to any existing surface material. The method of stabilizing shall be as follows:
 - A. Site Preparation:
 - (1) Harrow or disc all areas to be seeded the following materials at the specified rate to a depth of 3".
 - (a) Pulverized limestone at 1 ton per acre.
 - (b) Commercial Fertilizer 5-10-10 at 1000 pounds per acre.
 - B. Seeding all surfaces:
 - (1) Sow the following seed mixture at the rate of 100 pounds per acre.
 - (a) 20% Annual Rye Grass
 - (b) 80% Kentucky 31 Fescue
 - C. Mulching:
 - (1) Seeded areas shall be uniformly mulched immediately after seeding with unweathered small grain straw at the rate of 1-1/2 to 2 tons per acre.
 - (2) Tie mulch down with liquid asphalt at 0.1 gallon per S.Y. or emulsified asphalt at 0.04 gallon per S.Y. or mulch netting.
- All sediment control structures to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District. (465-5000 Ext. 328)
- All disturbed areas not to be paved or built upon within 3 months shall be stabilized in accordance with note 2.
- No sediment control measure may be removed until all areas up-stream have been stabilized.
- The open end of all storm drain pipes must be capped at the end of each day with plywood sheathing and held in place with sand bags.
- All inlets not protected by sediment control measures will be capped until all areas up-stream have been stabilized.

ESTIMATED SCHEDULE AND PHASING OF DEVELOPMENT

- Phase 1 - Rough grading and construction of Sediment Control Berms.
- Phase 2 - Final grading and establishment of vegetative cover.
- Phase 3 - Maintenance.

APPROVED FOR PRIVATE WATER, PRIVATE SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

William A. Altman 12/17/73
DIRECTOR DATE
D. M. McKeown 12/17/73
CHIEF, BUREAU OF HIGHWAYS DATE



NOTE: OCTOBER 2013 REVISIONS INCLUDE ADDITION OF OIL WATER SEPARATOR AND DRAINAGE PIPING. OIL WATER SEPARATOR TO DISCHARGE TO EX-SANITARY SEWER (NOT SHOWN).

PURDUM & JESCHKE
CONSULTING ENGINEERS
AND LAND SURVEYORS
1023 N. CALVERT STREET
BALTIMORE, MARYLAND
21202

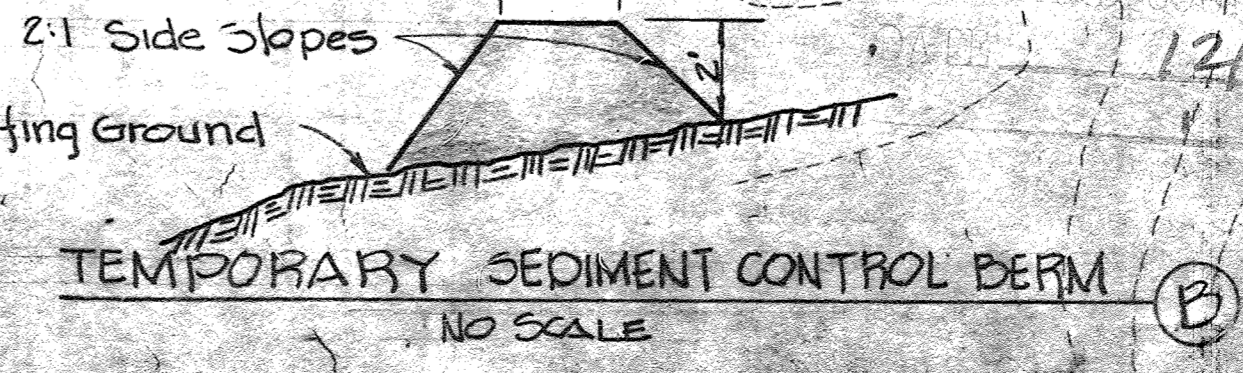
PROFESSIONAL ENGINEER
"I certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."
Beverly M. Johnson 1-17-74
Beverly M. Johnson 8-7-73
Beverly M. Johnson
Reg. No. 3407

HOWARD SOIL CONSERVATION DISTRICT
Reviewed for Howard Soil Conservation District and meets Technical Requirements
Robert J. Zickler 11/16/74
Signature Date
Approved: *Robert J. Zickler* 11/16/74
Howard Soil Conservation District Date

DEVELOPER
"I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary." Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.
William A. Altman 12/17/73
Signature Date

DESIGNED: M. Elmenshaw
DRAWN: D. Souders
CHECKED: M. Elmenshaw

CAPITAL PROJECT 6 C 015 MAYFIELD REPAIR CENTER MAYFIELD AVENUE 1 ELECTION DIST.		DATE 8/3/73
SEDIMENT CONTROL PLAN		SCALE 1" = 30'
COCHRAN STEPHENSON & DONKROEY INCORPORATED ARCHITECTS 925 NORTH CHARLES STREET BALTIMORE, MARYLAND 21201		DATE 12/10/73



GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC AUTHORITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
3. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK. MINOR OMISSIONS OR ERRORS IN THE BID PROJECT IN ACCORDANCE WITH THE OVERALL INTENT OF THESE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED AS A RESULT OF CONSTRUCTION OF THIS FACILITY.
5. THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
6. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
7. THE PROPOSED FACILITY WILL CAUSE ONLY A "DE MINIMUS" INCREASE IN STORMWATER RUNOFF. THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.

8. NO NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
9. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (THERE IS NO HANDICAP ACCESS REQUIRED).
10. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.
11. POWER TO THE FACILITY WILL BE MONITORED BY A SEPARATE METER.
12. CONTRACTOR SHALL VERIFY ANTENNA ELEVATION AND AZIMUTH WITH RF ENGINEERING PRIOR TO INSTALLATION.
13. MOUNTS AND ANTENNAS ARE DESIGNED TO MEET ANSI/TIA-222-G AS PER IBC 2012 REQUIREMENTS.
14. ALL STRUCTURAL ELEMENTS SHALL BE HOT DIPPED GALVANIZED STEEL.
15. CONTRACTOR SHALL MAKE A UTILITY "ONE CALL" TO LOCATE ALL UTILITIES PRIOR TO EXCAVATING.
16. IF ANY PIPING EXISTS BENEATH THE SITE AREA, CONTRACTOR MUST LOCATE IT AND CONTACT OWNERS REPRESENTATIVE.
17. CONSTRUCTION TO COMMENCE UPON COMPLETION OF A PASSING STRUCTURAL ANALYSIS. STRUCTURAL ANALYSIS TO BE PERFORMED BY OTHERS.
18. THESE DRAWINGS ARE IN COMPLIANCE WITH SECTION 128.0E OF THE ZONING REGULATIONS.

19. ANY DISTURBANCE TO THE EXISTING COUNTY OWNED PROPERTY AS A RESULT OF THIS MODIFICATION IS LIMITED TO 2916 SQ.FT. THERE WILL BE NO FORESTATION DISTURBANCE TO THIS COUNTY OWNED PROPERTY AS A RESULT OF THE INSTANT MODIFICATION TO THE EXISTING SITE PLAN.
20. FOREST CONSERVATION OBLIGATION IS LESS THAN .1 ACRES PER DPZ AND WILL BE DEFERRED UNTIL FUTURE DEVELOPMENT OCCURS ON THIS PARCEL.

PURPOSE STATEMENT
THE PURPOSE OF THIS REVISION IS TO ADD A WIRELESS COMMUNICATIONS FACILITY TO THE PARCEL

FOREST CONSERVATION TRACKING

REV. #	REV. DATE	NET TRACKING AREA (LOD)	FOREST CONSERVATION OBLIGATION
9	11-06-14	2,916.00 SQ. FT.	0.01 ac (DEFERRED)
11	9/23/15	No Change	No Change

APPENDIX E FOREST CONSERVATION WORKSHEET

I. BASIC SITE DATA

Class Site Area	2,916 sq R
Area Within 100 Year Floodplain	0.00 ac
Area Within Agricultural Use or Preservation Parcel (if Applicable)	0.00 ac
Net Tract Area	2,916 sq R
Land Use Category (R-FLD, R-FED, R-S, CHD, S)	RSC

II. INFORMATION FOR CALCULATIONS

A. Net Tract Area	2,916 sq R
B. Afforestation Threshold (____ % A)	0%
C. Afforestation Minimum (____ % A)	0%
D. Existing Forest on Net Tract Area	0.00 ac
E. Forest Areas to be Cleared	0.00 ac
F. Forest Areas to be Retained	0.00 ac

III. DETERMINING REQUIREMENTS: AFFORESTATION OR REFORESTATION

1. **REFORESTATION**
If existing forest areas equal or exceed the afforestation minimum (F D equals or is more than C), and clearing of forest areas is proposed, reforestation requirements may apply.
GO TO SECTION IV

2. **REFORESTATION**
If existing forest areas are less than the afforestation minimum (F D is less than C), afforestation requirements apply.
GO TO SECTION V

IV. REFORESTATION CALCULATIONS

A. Net Tract Area	2,916 sq R
B. Afforestation Threshold (____ % A)	0%
C. Existing Forest on Net Tract Area	0.00 ac
D. Forest Areas to be Retained	0.00 ac
E. Forest Areas to be Cleared	0.00 ac
F. Forest Areas Cleared Above Reforestation Threshold (D - F, if equal to or greater than B, Alternative 1) (D - F, if less than B, Alternative 2)	0.00 ac
G. Forest Areas Cleared Below Reforestation Threshold (D - F, if applicable)	0.00 ac
H. Forest Areas Retained Above Reforestation Threshold (F - B, Retention Credit, if applicable)	0.00 ac

SELECT THE ALTERNATIVE THAT APPLIES:

1. **CLEARING ABOVE THE THRESHOLD ONLY** N/A
If forest areas to be retained equal or are greater than the reforestation threshold (F equals or is greater than B), the following calculations apply:
Reforestation for clearing above threshold
G x 100
Credit for forest areas retained above threshold
H x 100
Total Reforestation Required
(G x 100) - (H x 100)

2. **CLEARING BELOW THE THRESHOLD** N/A
If forest areas to be retained are less than the reforestation threshold (F is less than B), the following calculations apply:
Reforestation for clearing below threshold
G x 100
Reforestation for clearing below threshold
H x 100

V. AFFORESTATION CALCULATIONS

A. Net Tract Area	2,916 sq R
B. Afforestation Minimum (____ % A)	0%
C. Existing Forest on Net Tract Area	0.00 ac
D. Forest Areas to be Cleared	0.00 ac
E. Forest Areas to be Retained	0.00 ac

SELECT THE ALTERNATIVE THAT APPLIES:

1. **No Clearing below the Minimum** N/A
If existing forest areas are less than the afforestation minimum (F D is less than C) and no clearing is proposed, the following calculations apply:
Total afforestation required
C - D

2. **Clearing below the Minimum** N/A
If existing forest areas are less than the afforestation minimum (F D is less than C) and clearing is proposed, the following calculations apply:
Afforestation for unretained areas below minimum
C - D
Afforestation for clearing below minimum
E x 100
Total Afforestation Required
(C - D) + (E x 100)

SITE INFORMATION

SITE NAME:	MAYFIELDREPAIR FACILITY	ANTENNA RAD CENTER:	187'-0" ± AGL
SITE ADDRESS:	7751 MAYFIELD AVENUE ELKRIDGE, MARYLAND 21075	GROUND LANDLORD NAME:	HOWARD COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS
JURISDICTION:	HOWARD COUNTY, MARYLAND	GROUND LANDLORD ADDRESS:	3430 COURT HOUSE DRIVE ELLCOTT CITY, MARYLAND 21043
ZONING:	RSC/POA	LANDLORD NAME:	CROWN CASTLE INTERNATIONAL SITE #7678-3919
TAX ACCOUNT ID:	01-183184	LANDLORD ADDRESS:	200 CORPORATE DRIVE CANONSBURG, PENNSYLVANIA 15317
MAP / GRID / PARCEL:	0037 / 0015 / 0408	APPLICANT:	CROWN CASTLE INTERNATIONAL 200 CORPORATE DRIVE CANONSBURG, PENNSYLVANIA 15317
PARCEL SIZE / COMPOUND SIZE:	9.77 AC. / 2,900 S.F.	APPLICANT PHONE:	1-877-486-9377
SITE COORDINATES:	N 39° 11' 33.40" (N 39.192611°) (NAD 83) W 76° 46' 38.76" (W 76.777433°) (NAD 83)	CROWN CASTLE CONSTRUCTION MANAGER:	FRED RAPOSO (678) 409-5852 FRED.RAPOSO@CROWNCastle.COM
GROUND ELEVATION:	294 ± (NAVD 88)		
STRUCTURE TYPE:	MONOPOLE		
STRUCTURE HEIGHT:	190'-0" ± AGL (TOP OF MONOPOLE)		



SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
7		
6		
5		
4		
3		
2		
1	9/23/15	Tower Height Rev.
0	02-10-15	REV SITE DEVELOPMENT PLAN

DRAWN BY: SJSJ
CHECKED BY:
SCALE: NOTED
JOB NO: M11001.00

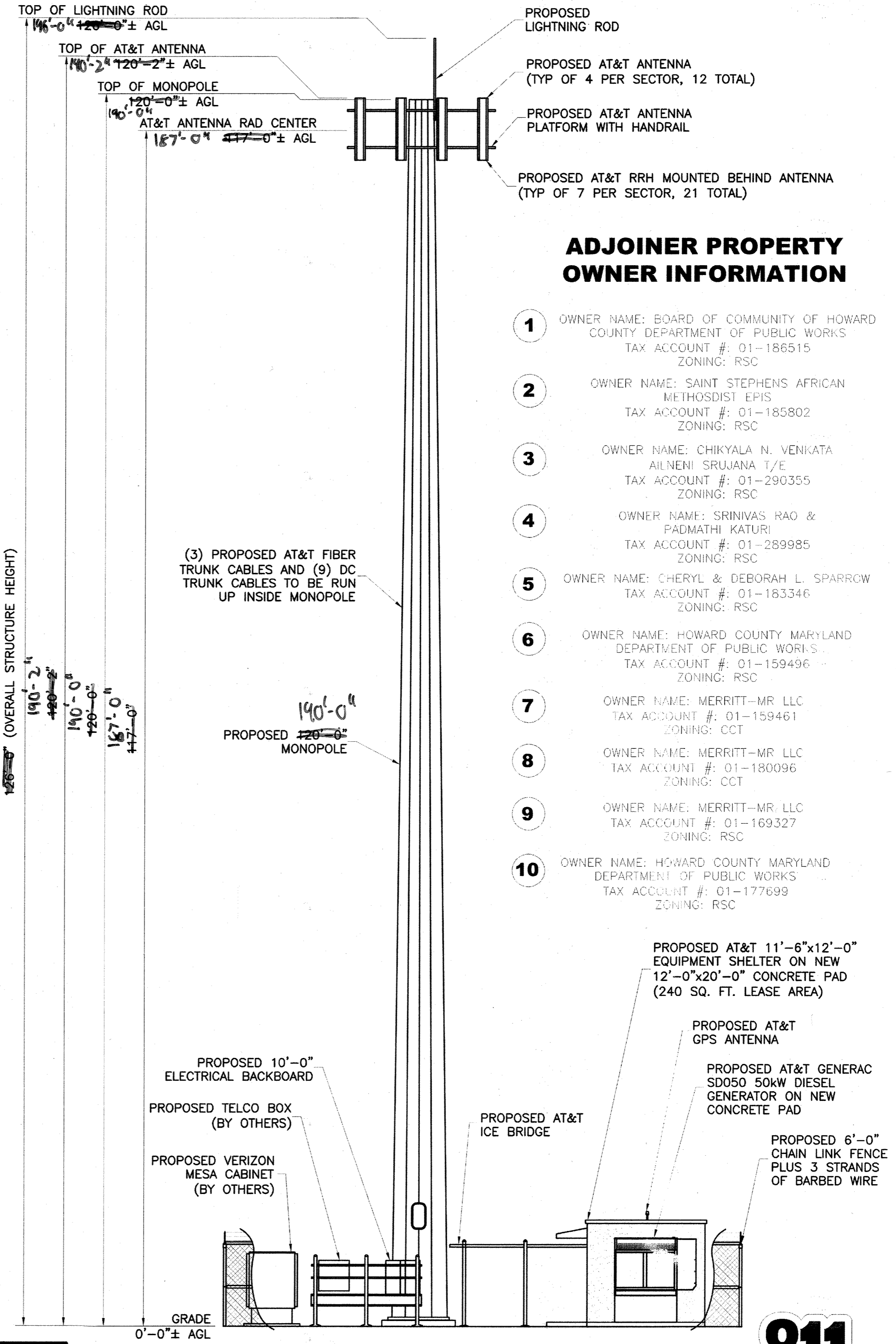
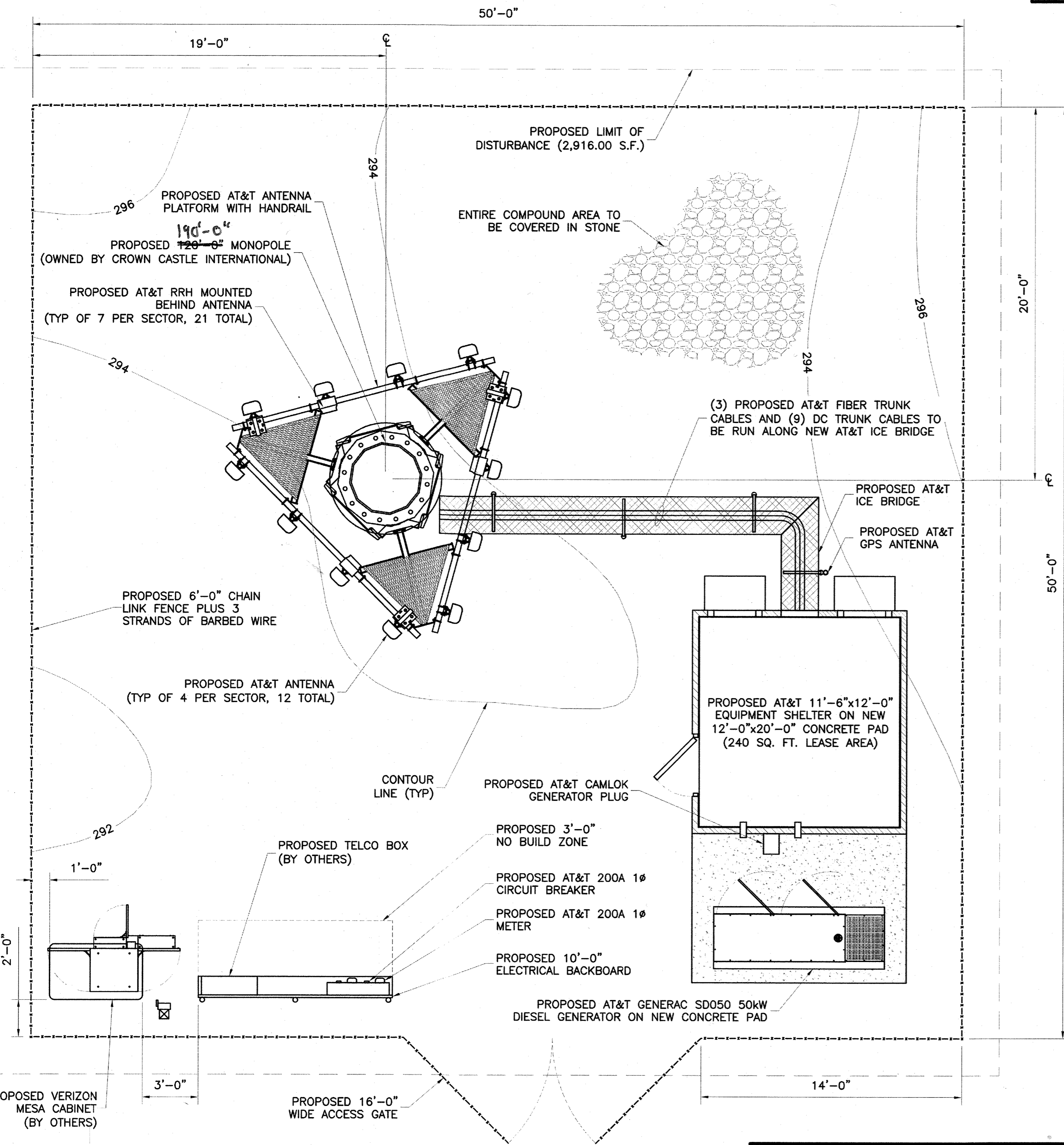
COMPOUND PLAN & ELEVATION

C-4

SHEET NUMBER: 5 OF 6

SITE INFORMATION:
SITE NAME: MAYFIELD REPAIR FACILITY
SITE ADDRESS: 7751 MAYFIELD AVENUE ELKRIDGE, MARYLAND 21075
JURISDICTION: HOWARD COUNTY

ANDREW M. MILLER, P.E.
PROFESSIONAL CERTIFICATION, I HEREBY CERTIFY THAT THESE 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. 41497, EXPIRATION DATE 01-05-16



SIGNATURE APPROVALS

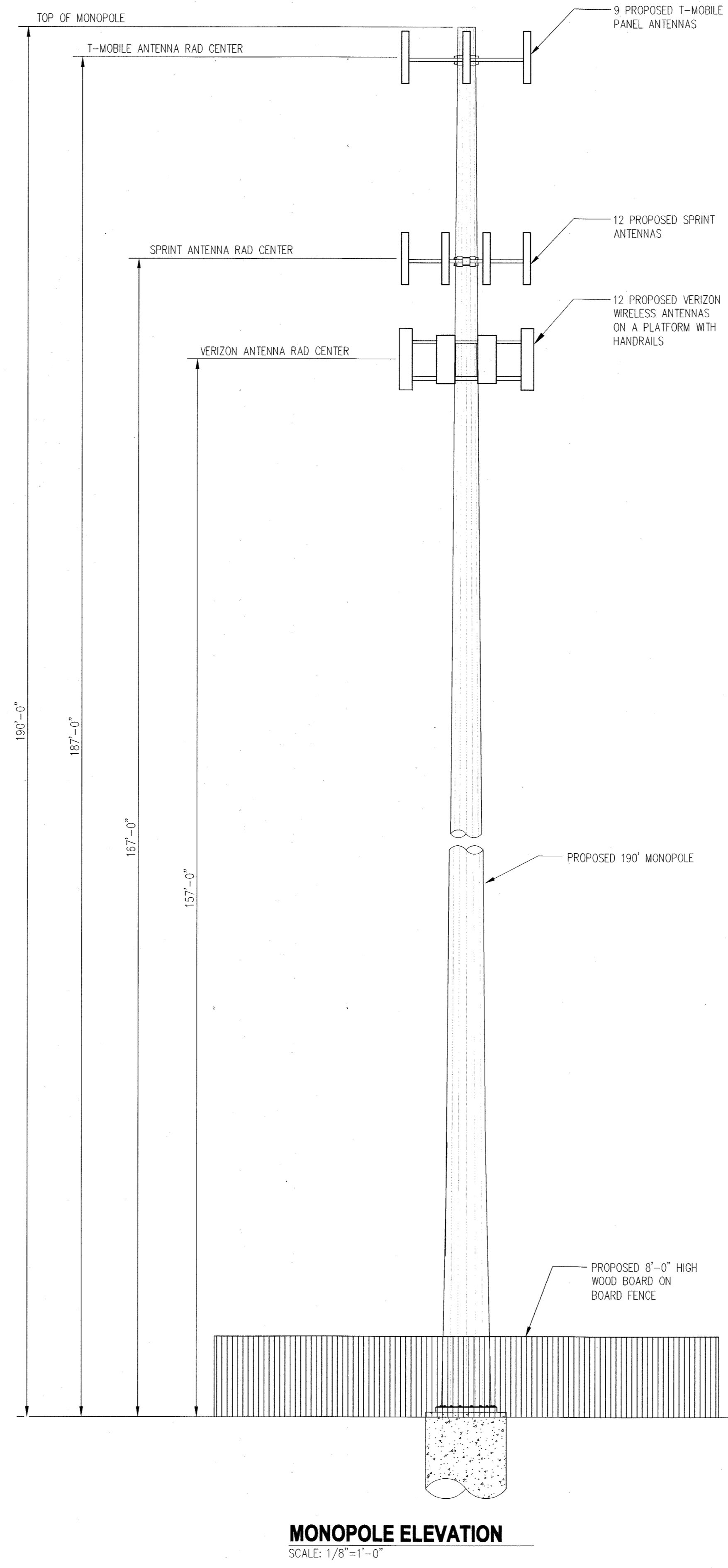
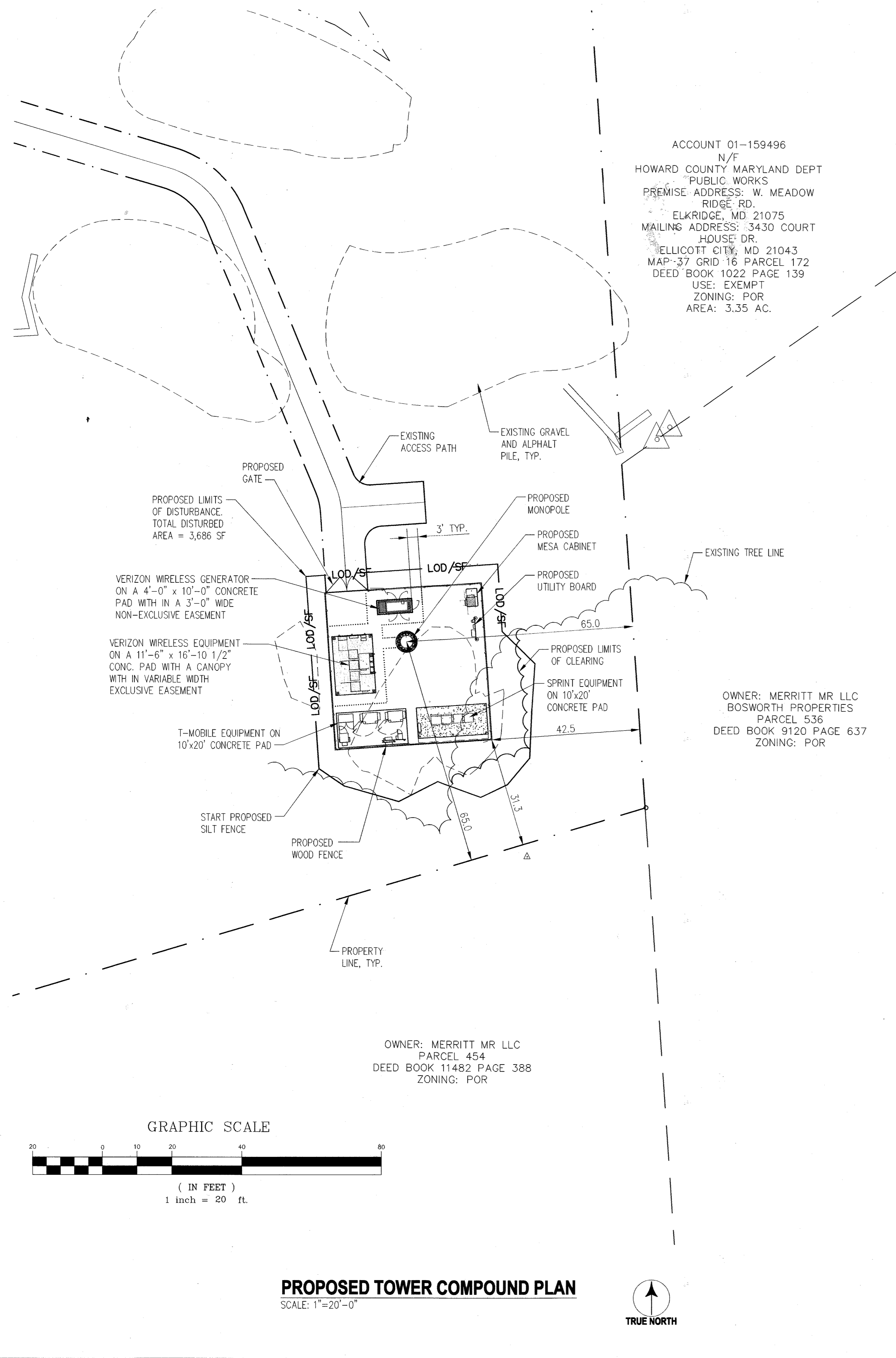
CHIEF OF THE DIVISION OF LAND DEVELOPMENT: *Kevin Schaefer* DATE: 2-24-15

CHIEF OF THE DEVELOPMENT ENGINEERING DIVISION: *Chf. Anderson* DATE: 2-20-15

DIRECTOR OF THE DEPARTMENT OF PLANNING & ZONING: *David J. Leyle* DATE: 4/24/15

811
Know what's below. Call before you dig.
PROTECT YOURSELF, GIVE THREE WORKING DAYS NOTICE. THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL ISSUES AND REGULATIONS HERE TO APPLICABLE.

SDP 74-50



PROJECT DATA
TELECOMMUNICATIONS COMPOUND AREA = 2,025 SF (0.046 AC)
TOTAL PROJECT DISTURBED AREA = 3,686 SF (0.085 AC)
TOTAL PROJECT IMPERVIOUS AREA INCREASE = 1,471 SF (0.034 AC)
GRAVEL VOLUME = 28 CY

EXISTING CONDITIONS
ALL EXISTING BUILDINGS AND STRUCTURES ON THE PROPERTY ARE TO REMAIN.

LINETYPES
LIMIT OF DISTURBANCE
LOD LOD LOD LOD
SILT FENCE
LOD/SF LOD/SF LOD/SF LOD/SF
PROPOSED 2' CONTOUR LINE
388
PROPOSED SPOT ELEVATION
387.50
SCE STABILIZED CONSTRUCTION ENTRANCE

NOTES:

1.) SECTION 128.0.E.3 ADDITIONAL REQUIREMENTS FOR COMMUNICATION TOWERS PERMITTED AS A MATTER OF RIGHT
a. COMMUNICATION TOWERS SHALL BE GRAY OR A SIMILAR COLOR THAT MINIMIZES VISIBILITY, UNLESS A DIFFERENT COLOR IS REQUIRED BY FEDERAL COMMUNICATION OR THE FEDERAL AVIATION ADMINISTRATION.
b. NO SIGNALS OR LIGHTS SHALL BE PERMITTED ON TOWERS UNLESS REQUIRED BY THE FEDERAL COMMUNICATIONS COMMISSION OR THE FEDERAL AVIATION ADMINISTRATION.
c. A COMMUNICATION TOWER THAT IS NO LONGER USED SHALL BE REMOVED FROM THE SITE WITHIN ONE YEAR OF THE DATE THAT THE USE CEASES.

2.) FACILITY OPERATOR WILL COMPLY WITH ALL REGULATIONS SET FORTH IN SECTION 128.0.E OF THE ZONING REGULATIONS.

3.) TOTAL DISTURBED AREA OF 3,686 SF IS LESS THAN 5,000 SF, SO STORMWATER MANAGEMENT PLAN IS NOT REQUIRED, AND NO STORMWATER MANGEMENT WORK IS PROPOSED.

**FOREST CONSERVATION WORKSHEET
VERSION 1.0
(Enter in Yellow Cells)**

NET TRACT AREA:

A. Total tract area	0.08
B. Area within 100 year floodplain	0.00
C. Area to remain in agricultural production	0.00
D. Net tract area	0.08

LAND USE CATEGORY: (from table 3.2.1, page 40, Manual)

Input the number "1" under the appropriate land use zoning, and limit to only one entry.

ARA	MDR	IDA	HDR	MPD	CIA
0	0	0	0	0	1

E. Afforestation Threshold..... 15% x D = 0.01
F. Conservation Threshold..... 15% x D = 0.01

EXISTING FOREST COVER:

G. Existing forest cover (excluding floodplain)	0.02
H. Area of forest above afforestation threshold	0.01
I. Area of forest above conservation threshold	0.01

BREAK EVEN POINT:

J. Forest retention above threshold with no mitigation	0.01
K. Clearing permitted without mitigation	0.01

PROPOSED FOREST CLEARING:

L. Total area of forest to be cleared	0.02
M. Total area of forest to be retained	0.00

PLANTING REQUIREMENTS:

N. Reforestation for clearing above conservation threshold	0.00
P. Reforestation for clearing below conservation threshold	0.02
Q. Credit for retention above conservation threshold	0.00
R. Total reforestation required	0.03
S. Total afforestation required	0.00
T. Total reforestation and afforestation required	0.03

FOREST CONSERVATION OBLIGATION CHART

REVISION NUMBER	NET TRACT AREA	FOREST CONSERVATION OBLIGATION
10	0.08 ACRES	0.03 ACRES

GENERAL NOTES:

THE SUBJECT PARCEL INFORMATION:

1. OWNER: HOWARD COUNTY MARYLAND DEPT OF PUBLIC WORKS
MAILING ADDRESS: 3430 COURT HOUSE DR
ELLCOTT CITY, MD 21043
PHONE: (410) 313-4401
TAX MAP: 37 GRID: 15 PARCEL: 408
ZONING: POR

2. THE SUBJECT PROPERTY IS ZONED POR IN ACCORDANCE WITH THE OCTOBER 6, 2013 COMPREHENSIVE ZONING REGULATIONS.

3. FOREST CONSERVATION WAS NOT ADDRESSED FOR THE PROPOSED TOWER AND COMPOUND DUE TO SUCH A SMALL OBLIGATION FOR THE PROPOSED 3,686 SF OF DISTURBANCE. FUTURE DEVELOPMENT ON THIS PARCEL WILL REQUIRE FOREST CONSERVATION TO BE ADDRESSED. SEE TRACKING CHART ON THIS SHEET FOR MORE INFORMATION.

APPROVALS

Karl Schleich
CHIEF OF THE DIVISION OF LAND DEVELOPMENT 3-26-15
DATE

Phil Chubb
CHIEF OF THE DEVELOPMENT ENGINEERING DIVISION 3-3-15
DATE

Dennis Paule
DIRECTOR OF THE DEPARTMENT OF PLANING AND ZONING 3/6/15
DATE



SUBMITTALS

DATE	DESCRIPTION	REV.



ON TARGET ACQUISITION, LLC

420 CAMPUS DRIVE
PERKASIE, PA 18944

PROJECT NO: 1042.746
DESIGNER: R.S.
ENGINEER: C.S.

SCALE:
0 1/2 1
GRAPHIC SCALE IN INCHES

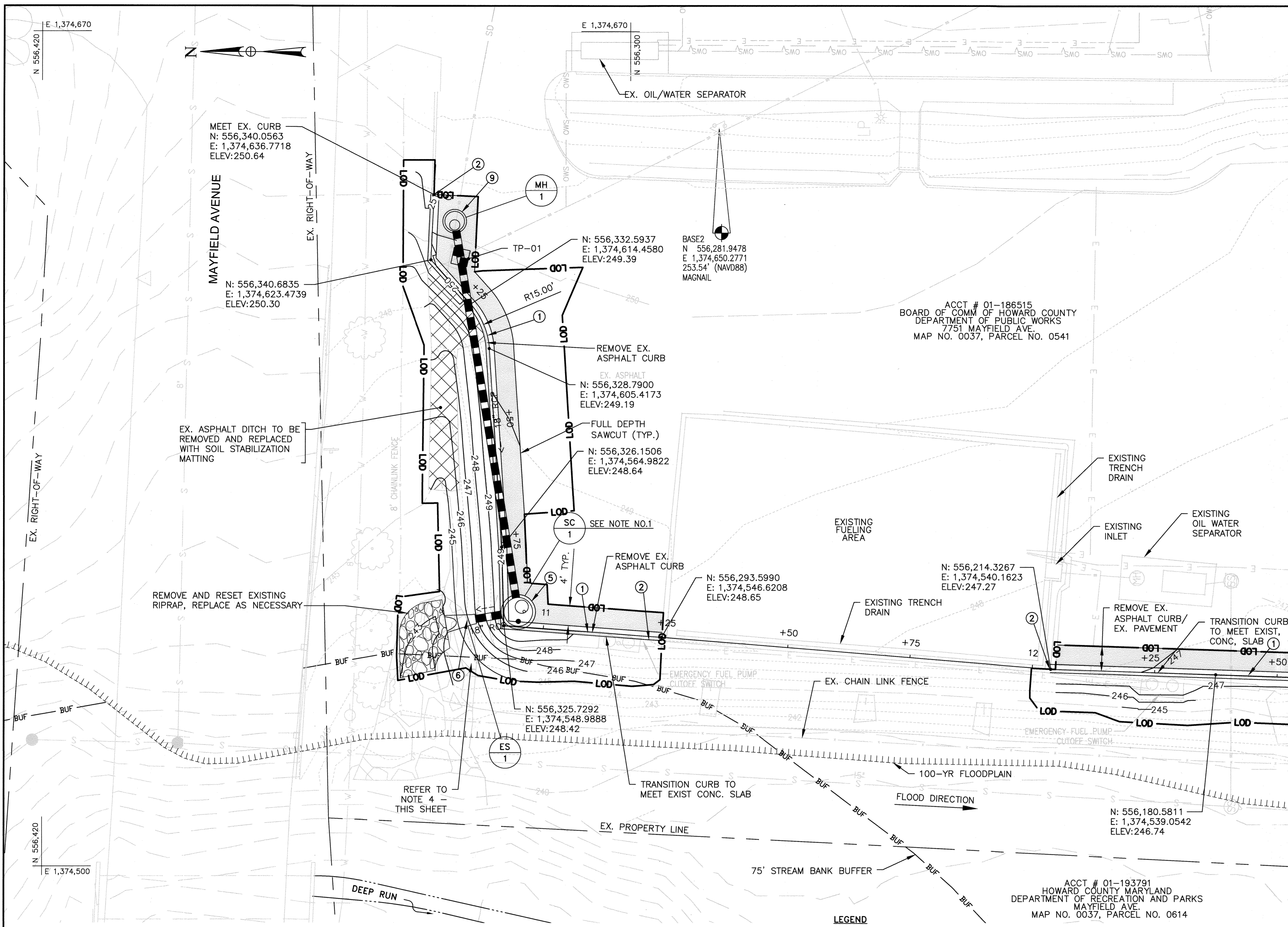
MAYFIELD REPAIR FACILITY

7751 MAYFIELD AVE
ELKRIDGE, MD 21075

TITLE:
COMPOUND PLAN AND DETAILS

SHEET NUMBER:
6 OF 16

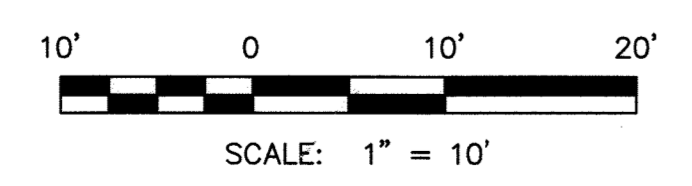
SDP-74-050



- NOTES:**
1. CREATE LOW POINT AT GRATE FOR SC-1. TRANSITION CURB GUTTER PAN FROM 10+80 TO 11+00 TO SLOPE TO SC-1.
 2. REFER TO MDE WATER AND SCIENCE ADMINISTRATION'S AUTHORIZATION TO PROCEED (201960946/19-NT-3134) AND THE ARMY CORPS OF ENGINEER'S AUTHORIZATION UNDER MDSPGP-5 ACTIVITY NO. CAT A-e(8), TRACKING NO. 20160946.
 3. LIMIT OF DISTURBANCE IS 35,720 SQ. FT. OR 0.82 ACRES.
 4. THE PURPOSE OF THE NECESSARY DISTURBANCE IS TO INSTALL STORM DRAIN OUTFALLS WITHIN THE STREAM, STREAM BANK BUFFER AND 100-YEAR FLOODPLAIN IN ACCORDANCE WITH SECTION 16.116 (C) OF THE SUBDIVISION & LAND DEVELOPMENT REGULATIONS. THE APPROVAL WAS GRANTED ON MAY 20, 2021 WITH THE FOLLOWING CONDITIONS:
 - A. THE PROJECT SHALL ONLY DISTURB THOSE ENVIRONMENTAL AREAS AS STATED IN THE REQUEST AND AS DELINEATED ON THE CAPITAP PROJECT DESIGN PLANS. ANY DISTURBANCES TO REGULATED ENVIRONMENTAL FEATURES BEYOND THIS REQUEST ARE NOT PERMITTED UNLESS THE APPLICANT SUBMITS A FORMAL REQUEST TO THE DEPARTMENT OF PLANNING AND ZONING IN ACCORDANCE WITH SECTION 16.116(C).
 - B. THE DISTURBED AREAS SHALL BE STABILIZED AND SEEDED OR PLANTED WITH NATIVE VEGETATION IN ACCORDANCE WITH THE CAPITAL PROJECT DESIGN PLANS. DETAILS SHALL BE PROVIDED ON THE SITE DEVELOPMENT PLANS.
 - C. THE APPLICANT WILL BE REQUIRED TO OBTAIN ALL NECESSARY APPROVALS AND AUTHORIZATIONS BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) AND THE U.S. ARMY CORPS OF ENGINEERS (USACE) FOR ACTIVITIES IN REGULATED AREAS PRIOR TO SUBMISSION OF A GRADING PERMIT APPLICATION. COPIES OF THE APPROVED MDE PERMITS SHALL BE SUBMITTED WITH THE GRADING PERMIT APPLICATION.
 5. THE PROJECT IS EXEMPT FROM THE FOREST CONSERVATION REQUIREMENTS IN ACCORDANCE WITH SECTION 16.1202(B)(1)(xii) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
 6. AN ALTERNATIVE COMPLIANCE APPROVAL HAS BEEN GRANTED PURSUANT TO SECTION 16.104 AND WITH RESPECT TO SECTION 16.147 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS TO CONSOLIDATE THREE (3) CONTIGUOUS PARCELS VIA THE RECORDATION OF AN ADJOINER DEED.
 - A. FILE NUMBER: WP-21-028
 - B. REGULATION SECTION: 16.147
 - C. APPROVAL DATE: OCTOBER 9, 2020
 - D. APPROVAL CONDITIONS:
 - a. APPROVAL OF THIS REQUEST IS TO ADJUST THE COMMON BOUNDARIES BETWEEN PARCELS 170, 408 & 541, AS SHOWN ON TAX MAP 37. NO OTHER LOTS OR PARCELS ARE BEING LEGALLY ENDORSED, NO ADDITIONAL LOTS OR PARCELS ARE TO BE CREATED AND NO NEW DEVELOPMENT, CONSTRUCTION OR IMPROVEMENTS ARE PERMITTED UNDER THIS REQUEST.
 - b. AN ADJOINER DEED SHALL BE RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MD WITHIN 90 DAYS FROM THE DATE OF THIS ALTERNATIVE COMPLIANCE APPROVAL (ON OR BEFORE JANUARY 7, 2021). THE DEED SHALL REFERENCE THIS ALTERNATIVE COMPLIANCE FILE NUMBER, WP-21-028, AND SHALL INCLUDE METES, BOUNDS, BEARINGS, AND DISTANCE INFORMATION FOR ALL PARCEL LINES. SUBMIT COPIES OF THE RECORDED ADJOINER DEED TO THE DEPARTMENT OF PLANNING AND ZONING WITHIN 30 DAYS OF RECORDATION. THE ADJOINER DEED (LIBER 20479/FOLIO 473) WAS RECORDED ON FEBRUARY 19, 2021.
 - c. ALL EXISTING STRUCTURES MUST MEET MINIMUM STEPBACKS FROM THE PARCEL BOUNDARIES PER SECTION 110.0 AND SECTION 115.0 OF THE ZONING REGULATIONS.
 7. STORMCEPTOR NO. 1 IS LOCATED IN CLOSE PROXIMITY TO AN AREA ONCE SITED WITH UNDERGROUND FUEL TANKS. THE TANKS HAVE BEEN REMOVED AND THE AREA CLEARED BY MDE AS CONTAMINATION FREE. REMNANTS OF UNDERGROUND TANK SLABS THAT WERE USED AS TANK BALLAST MAY BE PRESENT IN THE STORMCEPTOR EXCAVATION AREA AND SHALL BE REMOVED.

MATCHLINE - SDP SHEET 8 OF 16

PURPOSE:
THE PURPOSE OF THIS REDLINE IS TO ADD STORMCEPTORS TO CAPTURE POTENTIAL SPILLS CONTAINING CONTAMINANTS.



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: 8/28/2022

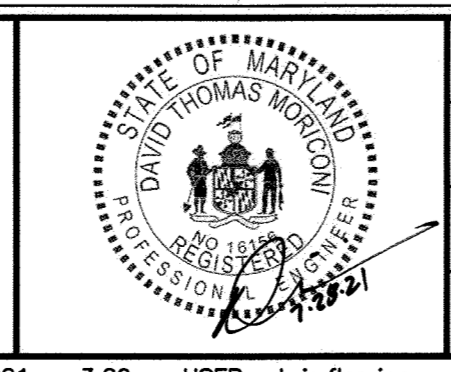
PLAN
SCALE: 1" = 10'

- LEGEND**
- RIGHT-OF-WAY/PROPERTY LINE
 - 100-YR FLOODPLAIN
 - 250--- EXISTING CONTOURS
 - 250--- PROPOSED CONTOURS
 - S--- EXISTING SEWER
 - W--- EXISTING WATER
 - E--- EXISTING UNDERGROUND ELECTRIC
 - SD EXISTING STORM DRAIN
 - PROPOSED STORM DRAIN
 - LOD LIMIT OF DISTURBANCE
 - RIPRAP
 - FULL DEPTH PAVEMENT
 - REMOVAL OF EXISTING CONCRETE OR ASPHALT

- NEW CONSTRUCTION NOTES**
- 1 INSTALL 7 INCH COMBINATION CURB AND GUTTER (STD. R-3.01)
 - 2 TRANSITION NEW CURB INTO EXISTING CONCRETE CURB (3'-0")
 - 3 NOSE DOWN CURB
 - 4 INSTALL TYPE 'S' COMBINATION INLET (STD. D-4.26)
 - 5 INSTALL STORMCEPTOR STC-450 (WITH INLET GRATE TOP).
 - 6 INSTALL STANDARD END SECTION FOR 18 INCH PIPE
 - 7 INSTALL STANDARD ENDWALL FOR 18 INCH PIPE
 - 8 INSTALL RIPRAP/GABION OUTFALL.
 - 9 INSTALL STANDARD MANHOLE

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Chief, Development Engineering Division
 Chief, Division of Land Development
 Director

DATE: 8/10/21
 DATE: 8/19/21
 DATE: 8/23/21



DES:	KMS				
DRN:	CDP				
CHK:	DTM				
DATE:	07/2021	DTM	NEW SHEET ADDED	07/2021	
		BY	NO.	REVISION	DATE

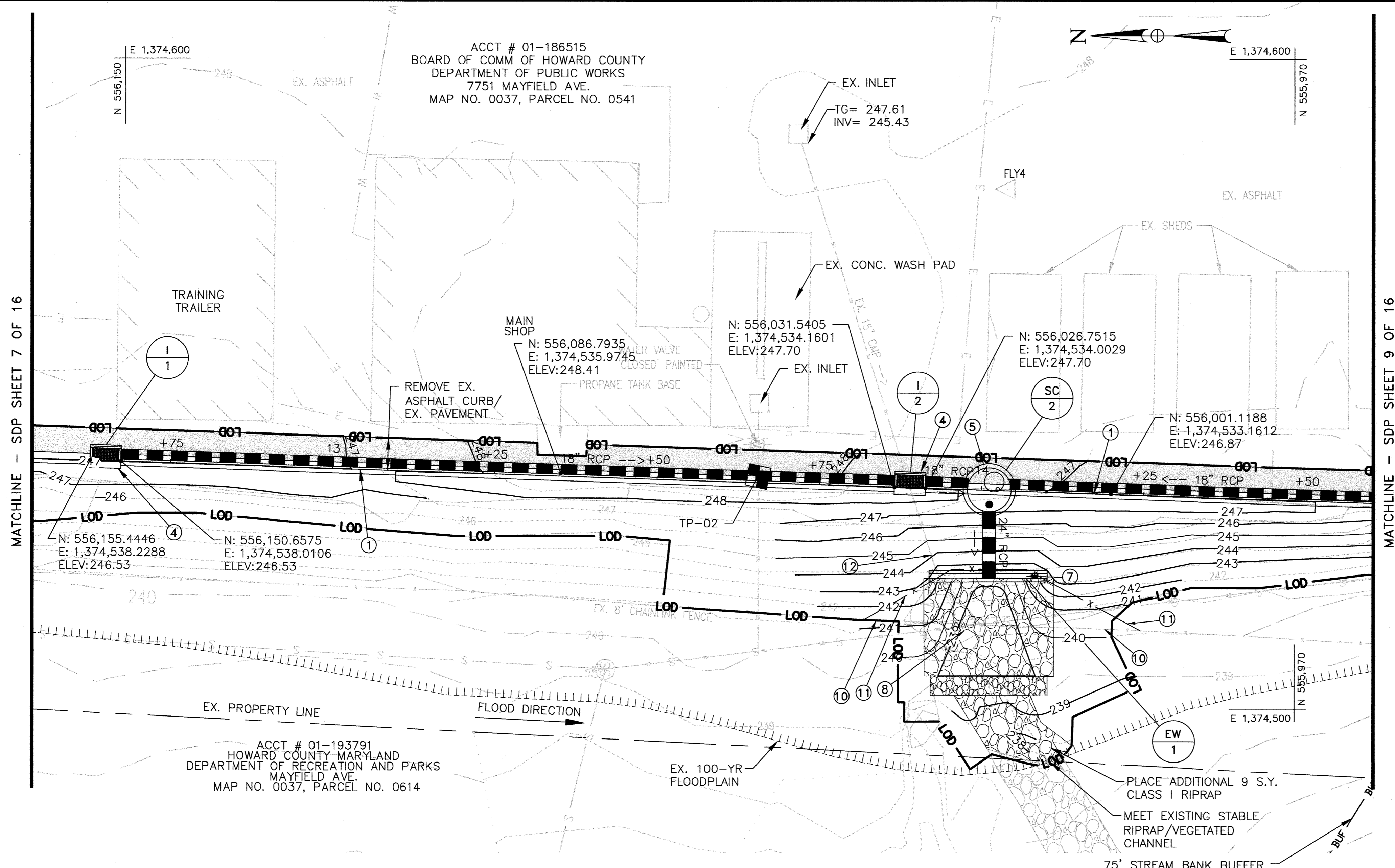
STORMWATER MANAGEMENT PLAN

SCALE MAP NO. _____ BLOCK NO. _____

REVISED SITE DEVELOPMENT PLAN
MAYFIELD HIGHWAY MAINTENANCE FACILITY - STORMWATER MANAGEMENT

1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

SCALE: 1" = 20'
 DWG NO. C-01



PLAN
SCALE: 1" = 10'

▲ PURPOSE:
THE PURPOSE OF THIS REDLINE IS TO ADD STORMCEPTORS TO CAPTURE POTENTIAL SPILLS CONTAINING CONTAMINANTS.

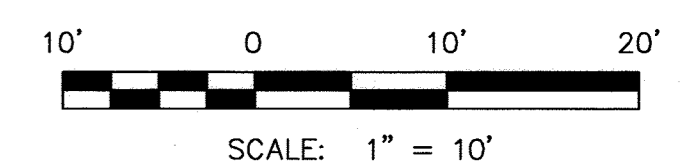
PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16156, EXPIRATION DATE: 8/28/2022

NEW CONSTRUCTION NOTES

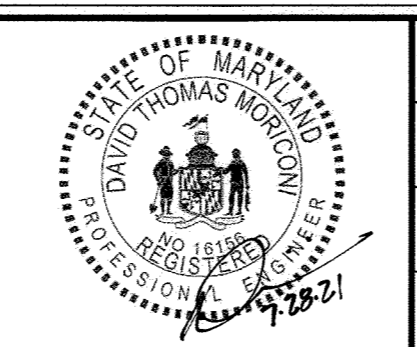
- ① INSTALL 7 INCH COMBINATION CURB AND GUTTER (STD. R-3.01)
- ② TRANSITION NEW CURB INTO EXISTING CONCRETE CURB
- ③ NOSE DOWN CURB
- ④ INSTALL TYPE 'S' COMBINATION INLET (STD. D-4.26)
- ⑤ INSTALL STORMCEPTOR STC-2400
- ⑥ INSTALL STANDARD END SECTION FOR 18 INCH PIPES
- ⑦ INSTALL STANDARD ENDWALL FOR 18 INCH PIPES
- ⑧ INSTALL RIPRAP/GABION OUTFALL
- ⑨ INSTALL STANDARD MANHOLE
- ⑩ REMOVE EXISTING CHAIN LINK FENCE TO NEAREST POST
- ⑪ INSTALL NEW 8' CHAIN LINK FENCE WITH 3 STRAND BARBED WIRE TO MATCH EXISTING
- ⑫ REMOVE EXISTING PIPE FROM 1-2 TO OUTFALL (16 L.F. ±)

LEGEND

- RIGHT-OF-WAY/PROPERTY LINE
- ||||| 100-YR FLOODPLAIN
- 250--- EXISTING CONTOURS
- 250— PROPOSED CONTOURS
- S — EXISTING SEWER
- W — EXISTING WATER
- E — EXISTING UNDERGROUND ELECTRIC
- SD — EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- LOD — LIMIT OF DISTURBANCE
- ▨ RIPRAP
- ▩ FULL DEPTH PAVEMENT
- ▧ REMOVAL OF EXISTING CONCRETE OR ASPHALT



APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] DATE: 8/10/21
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] DATE: 8/19/21
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] DATE: 8/23/21
 DIRECTOR



DES:	KMS		
DRN:	CDF		
CHK:	DTM		
DATE:	07/2021	DTM	▲ NEW SHEET ADDED
BY:	NO.	REVISION	DATE

STORMWATER
MANAGEMENT PLAN

REVISED SITE DEVELOPMENT PLAN
MAYFIELD HIGHWAY MAINTENANCE FACILITY
- STORMWATER MANAGEMENT
1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

SCALE
1" = 20'
DWG NO.
C-02

ACCT # 01-186515
BOARD OF COMM. OF HOWARD COUNTY
DEPARTMENT OF PUBLIC WORKS
7751 MAYFIELD AVE.
MAP NO. 0037, PARCEL NO. 0541

VEHICLE EQUIPMENT
STORAGE BARN

N: 555,705.8999
E: 1,374,639.0382
ELEV: 247.47



E 1,374,640
N 555,900

E 1,374,640
N 555,750

N: 555,924.7504
E: 1,374,567.0245
ELEV: 246.21

N: 555,908.6859
E: 1,374,567.6810
ELEV: 246.01

N: 555,892.6214
E: 1,374,568.3375
ELEV: 245.50

N: 555,887.8338
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ELEV: 245.50

N: 555,806.9192
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ELEV: 244.74

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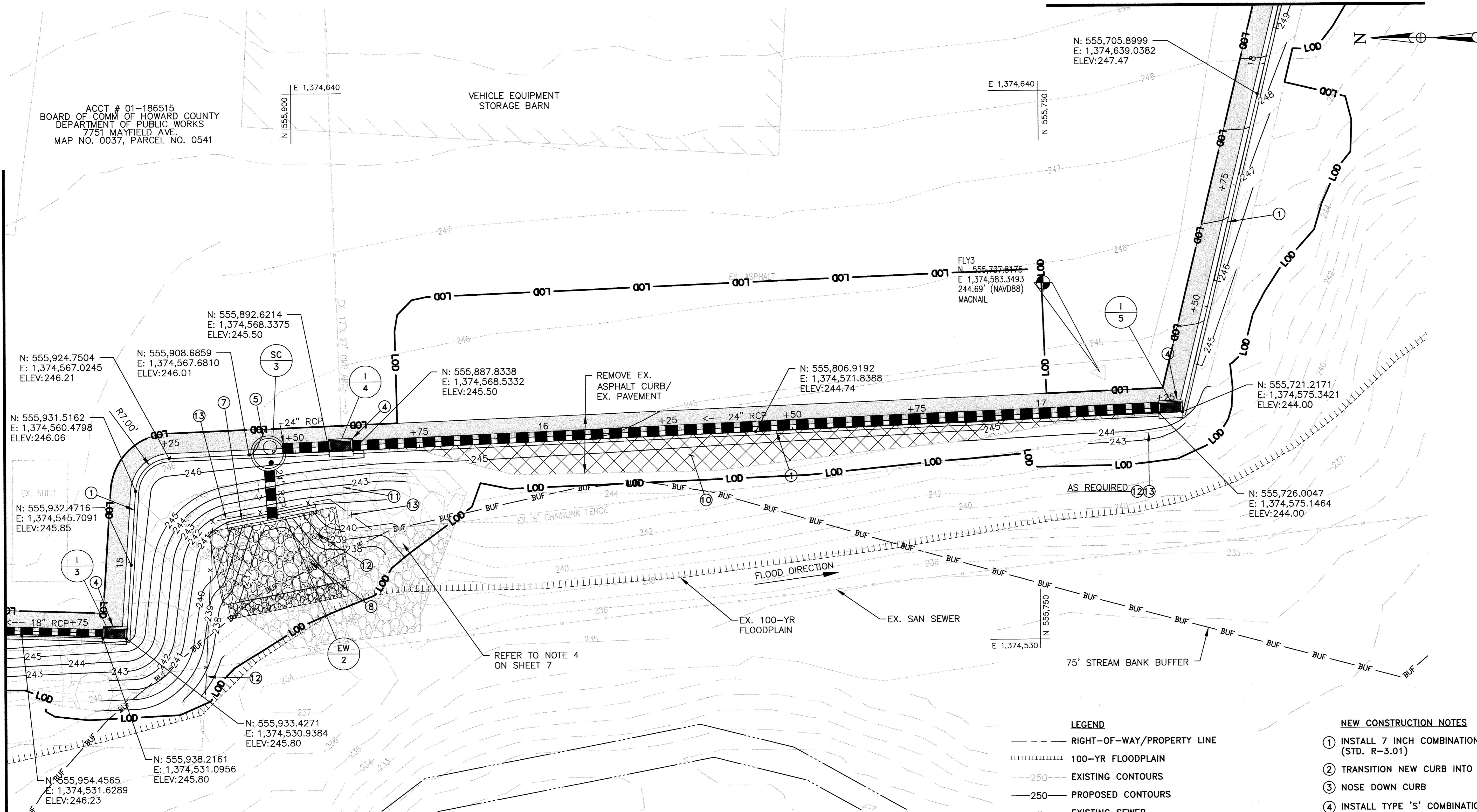
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E: 1,374,545.7091
ELEV: 245.85

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E: 1,374,530.9384
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ELEV: 245.80

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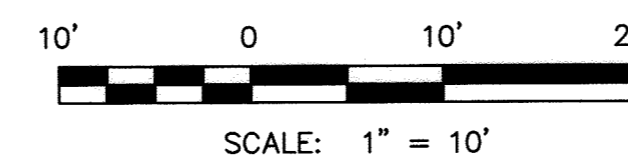
MATCHLINE - SDP SHEET 8 OF 16



PLAN
SCALE: 1" = 10'

▲ PURPOSE:
THE PURPOSE OF THIS REDLINE IS TO ADD
STORMCEPTORS TO CAPTURE POTENTIAL
SPILLS CONTAINING CONTAMINANTS.

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: 8/28/2022



LEGEND

- RIGHT-OF-WAY/PROPERTY LINE
- 100-YR FLOODPLAIN
- 250--- EXISTING CONTOURS
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- E- EXISTING UNDERGROUND ELECTRIC
- SD- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- LOD- LIMIT OF DISTURBANCE
- [RIPRAP SYMBOL] RIPRAP
- [FULL DEPTH PAVEMENT SYMBOL] FULL DEPTH PAVEMENT
- [REMOVAL OF EXISTING CONCRETE OR ASPHALT SYMBOL] REMOVAL OF EXISTING CONCRETE OR ASPHALT

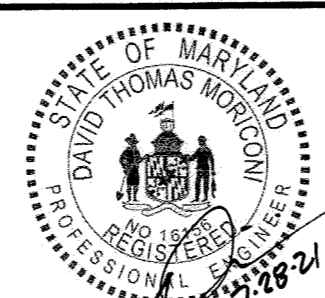
NEW CONSTRUCTION NOTES

- 1 INSTALL 7 INCH COMBINATION CURB AND GUTTER (STD. R-3.01)
- 2 TRANSITION NEW CURB INTO EXISTING CONCRETE CURB
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- 7 INSTALL STANDARD ENDWALL FOR 18 INCH PIPES
- 8 INSTALL RIPRAP/GABION OUTFALL
- 9 INSTALL STANDARD MANHOLE
- 10 EXISTING PAVEMENT TO BE REMOVED.
- 11 REMOVE EX. PIPE FROM 1-5 TO OUTFALL (15'±)
- 12 REMOVE EX. CHAIN LINK FENCE TO NEAREST POST
- 13 INSTALL NEW 8' CHAIN LINK FENCE WITH 3 STRAND BARBED WIRE TO MATCH EXISTING

SDP SHT NO. 09 OF 16

APPROVED: DEPARTMENT OF PLANNING AND ZONING
[Signature]
CHIEF, DEVELOPMENT ENGINEERING DIVISION
[Signature]
CHIEF, DIVISION OF LAND DEVELOPMENT
[Signature]
DIRECTOR

DATE: 8.10.21
DATE: 8/14/21
DATE: 8/23/21



DES:	KMS	DATE:	07/2021
DRN:	CDF	BY:	
CHK:	DTM	NO.:	
DATE:	07/2021	REVISION:	
NEW SHEET ADDED			

STORMWATER
MANAGEMENT PLAN

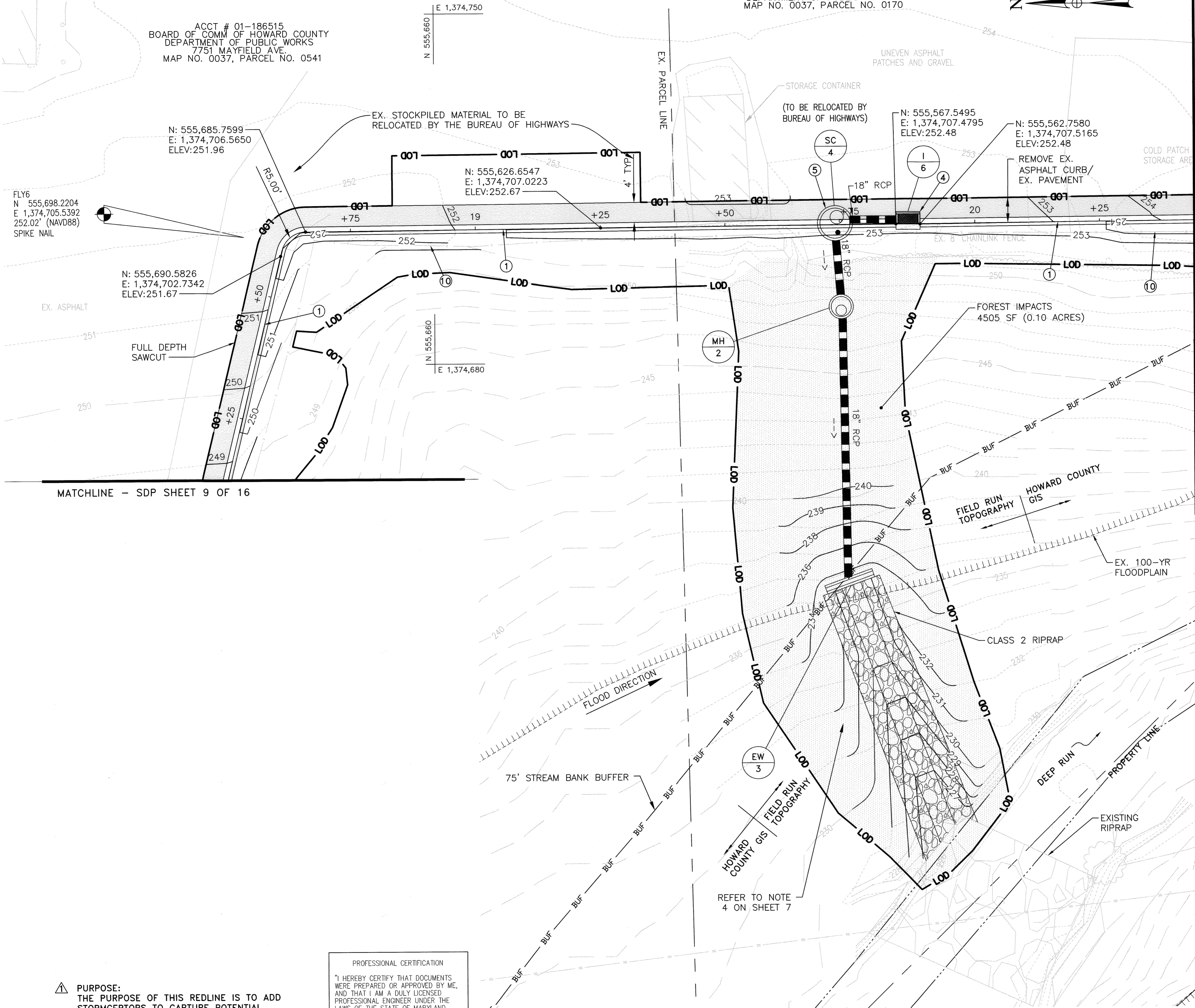
REVISED SITE DEVELOPMENT PLAN
MAYFIELD HIGHWAY MAINTENANCE FACILITY
- STORMWATER MANAGEMENT

SCALE
1"=20'
DWG. NO.
C-03

1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

ACCT # 01-186515
BOARD OF COMM OF HOWARD COUNTY
DEPARTMENT OF PUBLIC WORKS
7751 MAYFIELD AVE.
MAP NO. 0037, PARCEL NO. 0541

ACCT # 01-177699
HOWARD COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
MAP NO. 0037, PARCEL NO. 0170

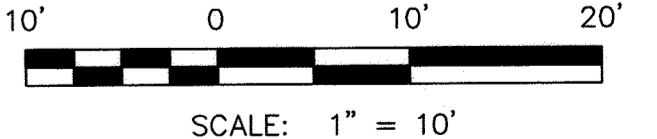


NEW CONSTRUCTION NOTES

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- ② TRANSITION NEW CURB INTO EXISTING CONCRETE CURB
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- ⑤ INSTALL STORMCEPTOR STC 900.
- ⑥ INSTALL STANDARD END SECTION
- ⑦ INSTALL STANDARD ENDWALL
- ⑧ INSTALL RIPRAP/GABION OUTFALL
- ⑨ INSTALL STANDARD MANHOLE
- ⑩ REMOVE AND REPLACE FENCE IMPACTED BY CONSTRUCTION (AS REQUIRED)

LEGEND

- RIGHT-OF-WAY/PROPERTY LINE
- ||||| 100-YR FLOODPLAIN
- 250- EXISTING CONTOURS
- 250- PROPOSED CONTOURS
- S- EXISTING SEWER
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- LOD- LIMIT OF DISTURBANCE
- [RIPRAP SYMBOL] RIPRAP
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PURPOSE:
THE PURPOSE OF THIS REDLINE IS TO ADD STORMCEPTORS TO CAPTURE POTENTIAL SPILLS CONTAINING CONTAMINANTS.

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: 8/28/2022"

PLAN
SCALE: 1" = 10'

SDP SHT NO. 10 OF 16

APPROVED: DEPARTMENT OF PLANNING AND ZONING <i>[Signature]</i>	DATE: 8/10/21
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE: 8/19/21
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE: 8/23/21
DIRECTOR	DATE:



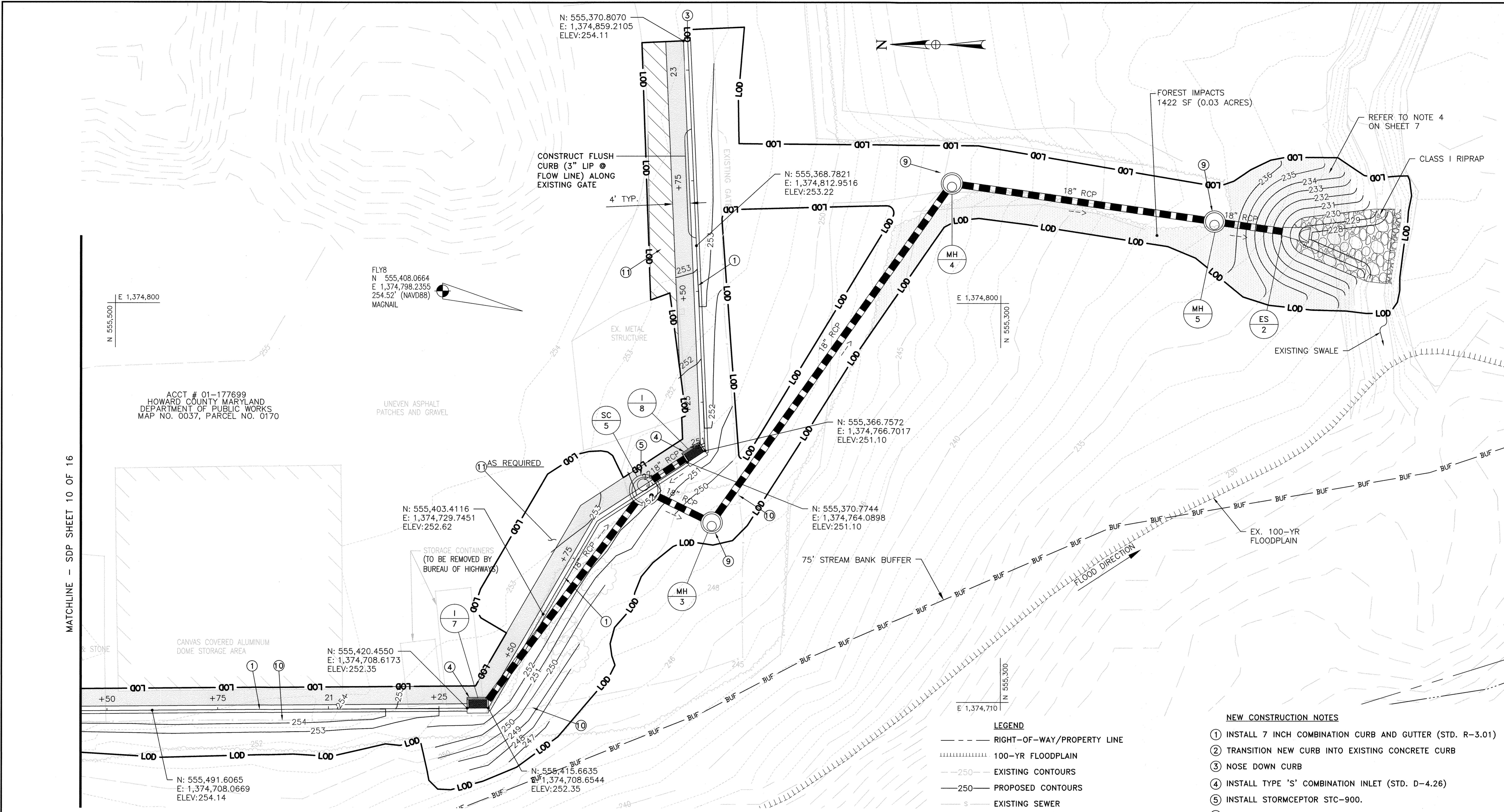
DES: KMS			
DRN: CDF			
CHK: DTM			
DATE: 07/2021	DTM	NEW SHEET ADDED	07/2021
BY NO.		REVISION	DATE

STORMWATER MANAGEMENT PLAN

REVISED SITE DEVELOPMENT PLAN
MAYFIELD HIGHWAY MAINTENANCE FACILITY - STORMWATER MANAGEMENT

1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

SCALE
1"=20'
DWG. NO.
C-04



PLAN
SCALE: 1" = 10'

LEGEND

- RIGHT-OF-WAY/PROPERTY LINE
- ||||| 100-YR FLOODPLAIN
- 250- EXISTING CONTOURS
- 250- PROPOSED CONTOURS
- S- EXISTING SEWER
- W- EXISTING WATER
- E- EXISTING UNDERGROUND ELECTRIC
- SD- EXISTING STORM DRAIN
- - - PROPOSED STORM DRAIN
- LOD- LIMIT OF DISTURBANCE
- [Pattern] RIPRAP
- [Pattern] FULL DEPTH PAVEMENT
- [Pattern] REMOVAL OF EXISTING CONCRETE OR ASPHALT

NEW CONSTRUCTION NOTES

- INSTALL 7 INCH COMBINATION CURB AND GUTTER (STD. R-3.01)
- TRANSITION NEW CURB INTO EXISTING CONCRETE CURB
- NOSE DOWN CURB
- INSTALL TYPE 'S' COMBINATION INLET (STD. D-4.26)
- INSTALL STORMCEPTOR STC-900.
- INSTALL STANDARD END SECTION FOR 18 INCH PIPES
- INSTALL STANDARD ENDWALL FOR 18 INCH PIPES
- INSTALL RIPRAP/GABION OUTFALL
- INSTALL STANDARD MANHOLE
- REMOVE AND REPLACE EX. FENCE IMPACTED BY CONSTRUCTION (AS REQUIRED)
- REMOVE NON-PAVED SURFACE AND REPLACE WITH 6" MIN. COMPACTED AGGREGATED BASE.

NOTE:
STORAGE CONTAINERS SHALL BE REMOVED BY THE BUREAU OF HIGHWAYS PRIOR TO CONSTRUCTION.

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PURPOSE:
THE PURPOSE OF THIS REDLINE IS TO ADD STORMCEPTORS TO CAPTURE POTENTIAL SPILLS CONTAINING CONTAMINANTS.

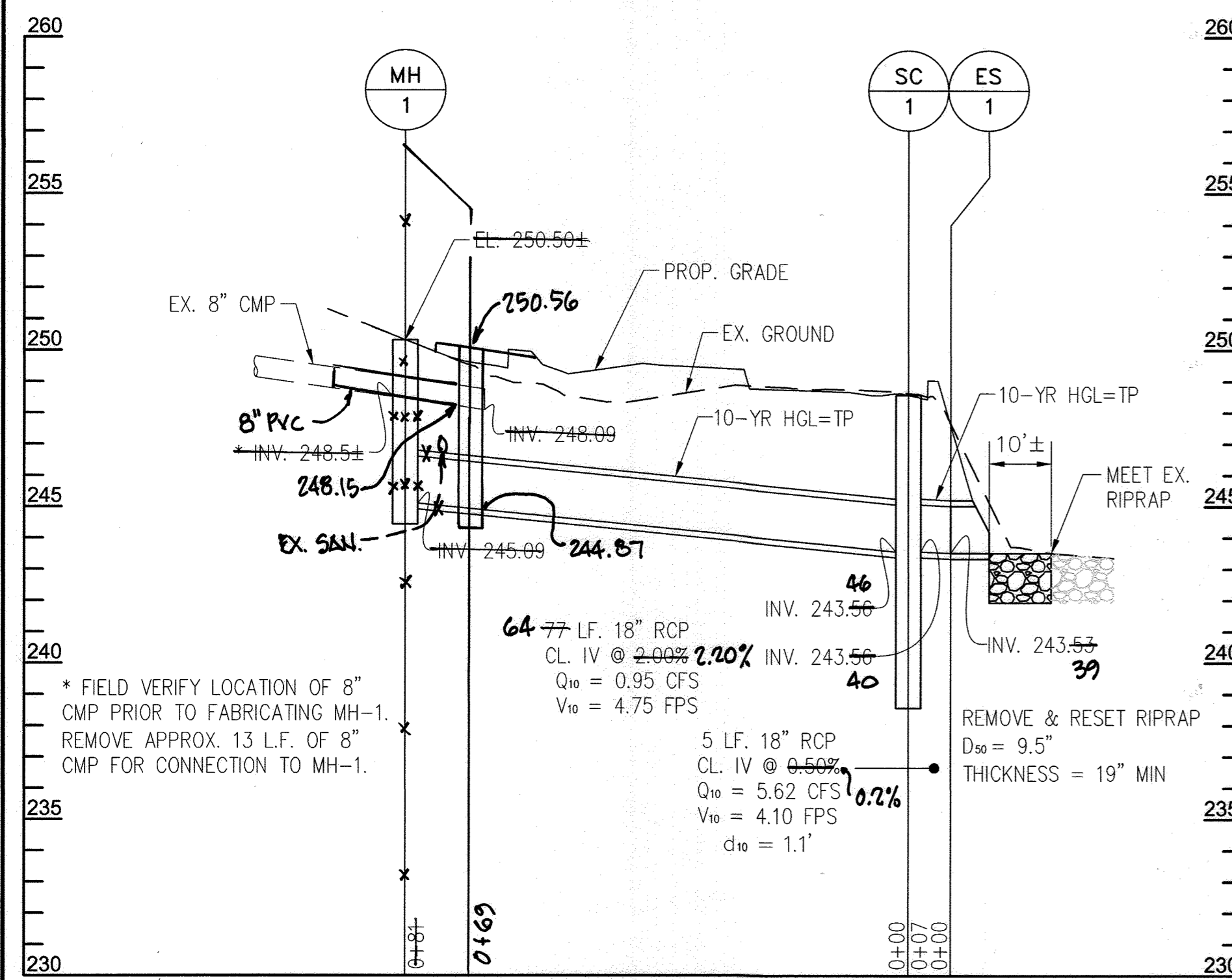
SCALE: 1" = 10'

APPROVED: DEPARTMENT OF PLANNING AND ZONING <i>[Signature]</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION CHIEF, DIVISION OF LAND DEVELOPMENT DIRECTOR	DATE: 8/10/21 DATE: 8/19/21 DATE: 8/23/21			DES: KMS DRN: CDF CHK: DTM DATE: 07/2021	DTM: NEW SHEET ADDED BY: NO. REVISION:	DATE: 07/2021	STORMWATER MANAGEMENT PLAN	REVISED SITE DEVELOPMENT PLAN MAYFIELD HIGHWAY MAINTENANCE FACILITY - STORMWATER MANAGEMENT 1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND	SCALE: 1"=20' DWG NO.: C-05
---	---	--	--	---	--	---------------	-----------------------------------	--	--------------------------------

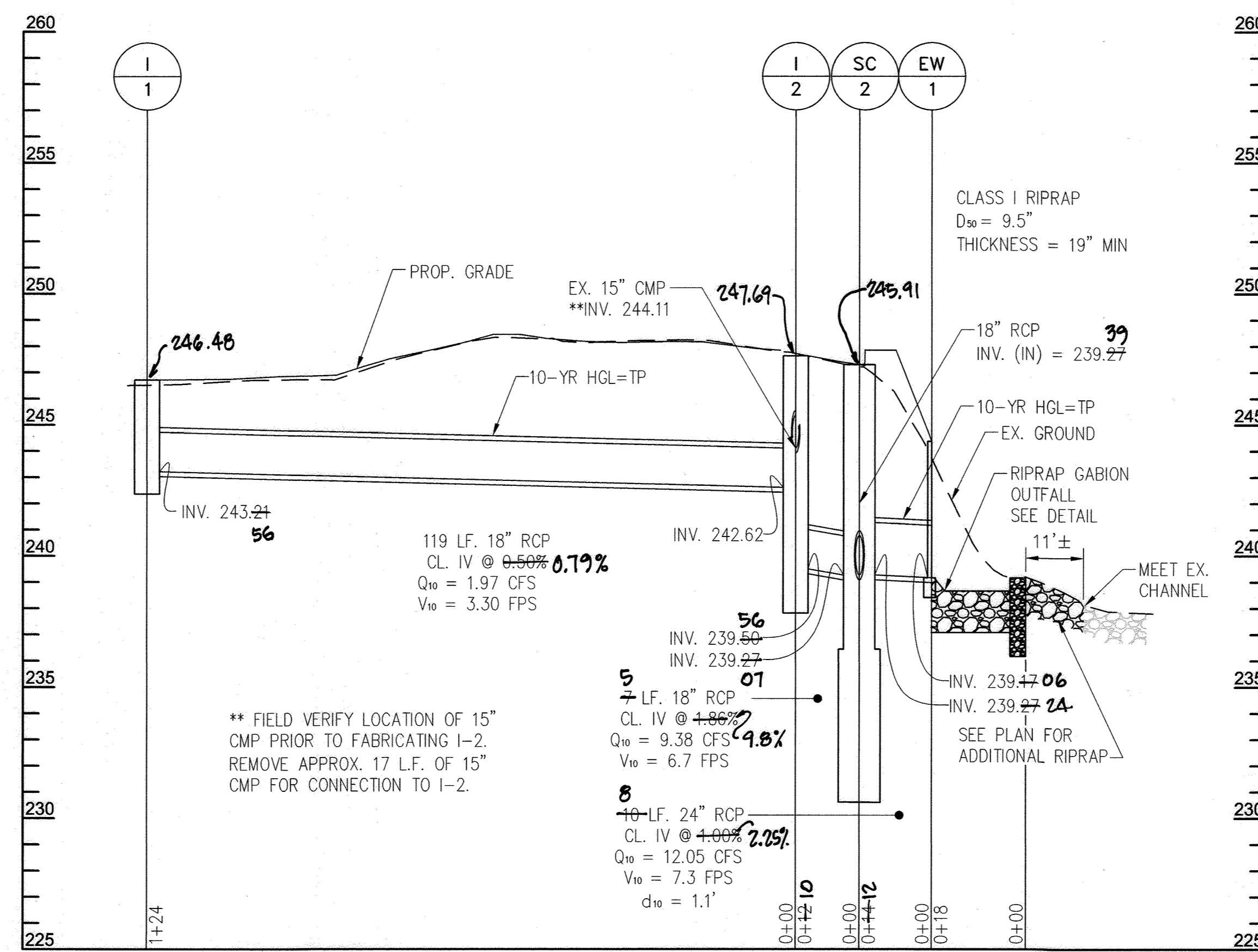
SDP SHT NO. 11 OF 16

FILE NAME: L:\DCS\Projects\H\HoCo\60522164\900-CAD-GIS\910-CAD\20-SHEETS\Mayfield Highway Maintenance\C-01.dwg LAYOUT NAME: C-05 PLOTTED: Thursday, July 29, 2021 - 1:48pm USER: chris.fleming

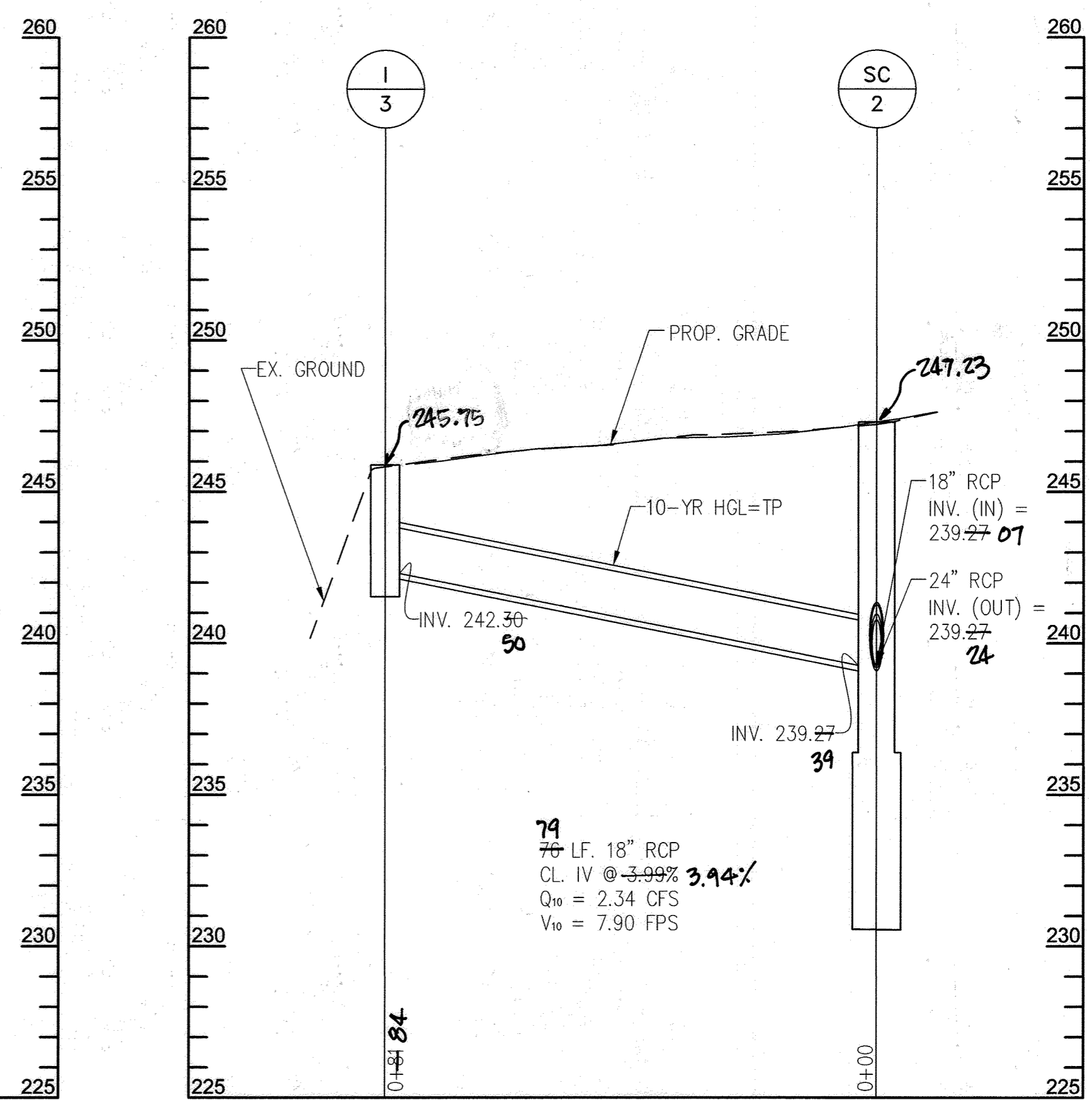
SDP 74-050



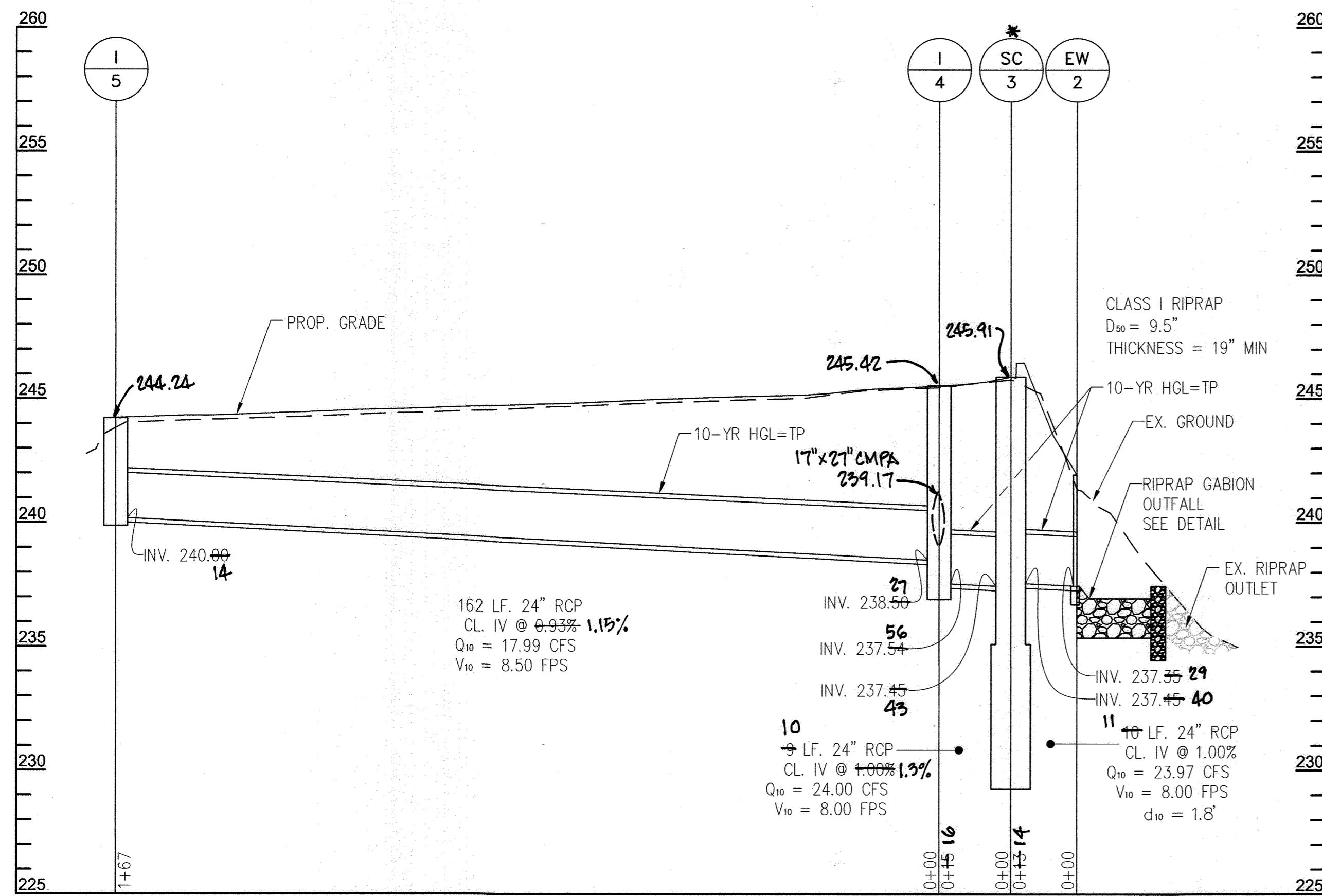
MH-1 TO ES-1 [1]



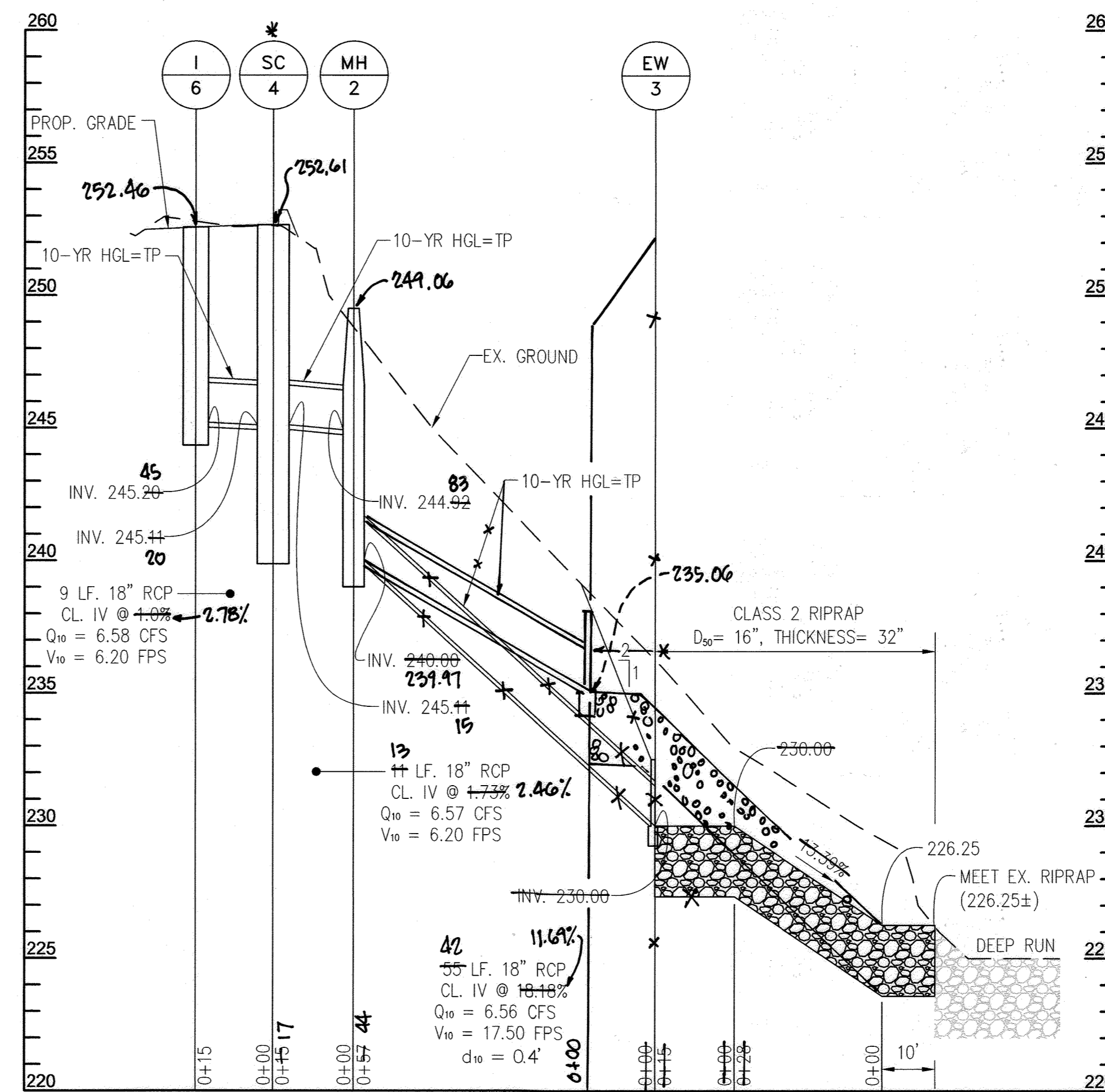
I-1 TO EW-1 [1]



I-3 TO SC-2 [1]



I-5 TO EW-2 [1]

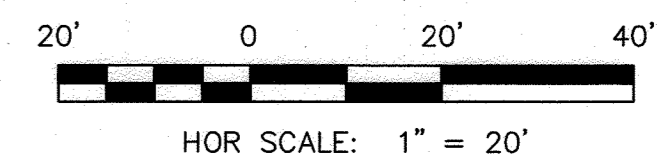


I-6 TO EW-3 [1]

PROFESSIONAL CERTIFICATION
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* See Stormceptor detail for grade adjustments for cover over gutter pan.

▲ PURPOSE: THE PURPOSE OF THIS REDLINE IS TO ADD STORMCEPTORS TO CAPTURE POTENTIAL SPILLS CONTAINING CONTAMINANTS.



HOR SCALE: 1" = 20'

VERT SCALE: 1" = 4'

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION

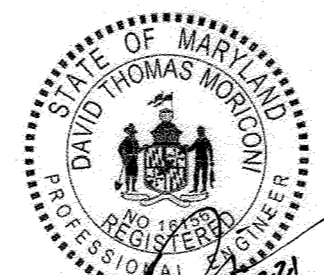
CHIEF, DIVISION OF LAND DEVELOPMENT

DIRECTOR

DATE: 8-10-21

DATE: 8/19/21

DATE: 8/23/21



DES: DMT

DRN: DMT

CHK: DTM

DATE: 07/2021

BY	NO.	REVISION	DATE
AECOM	1	AS-BUILT	8/23
DTM	▲	NEW SHEET ADDED	07/2021

DRAINAGE PROFILES

SCALE MAP NO. BLOCK NO.

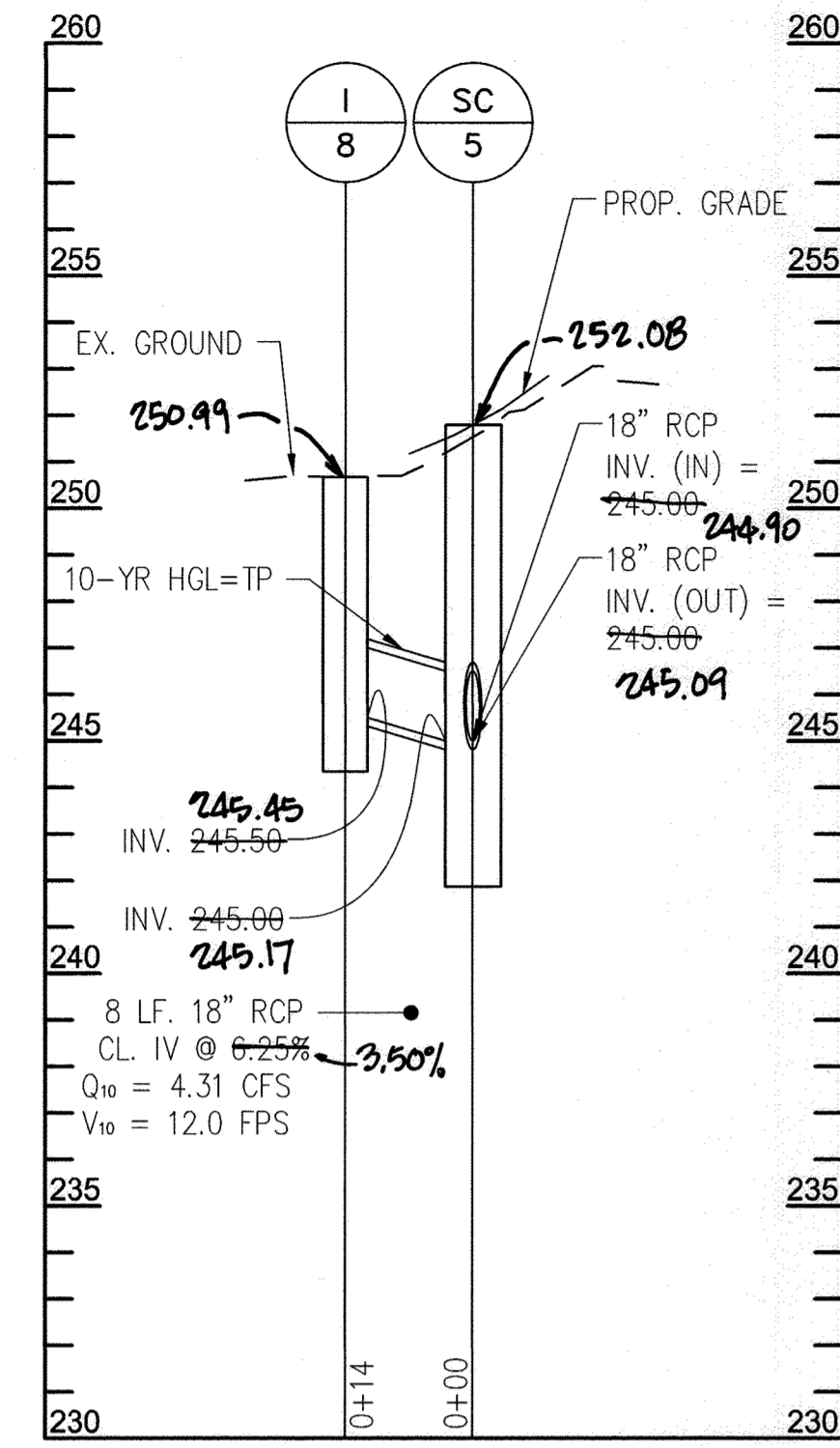
REVISED SITE DEVELOPMENT PLAN
 MAYFIELD HIGHWAY MAINTENANCE FACILITY
 - STORMWATER MANAGEMENT

1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

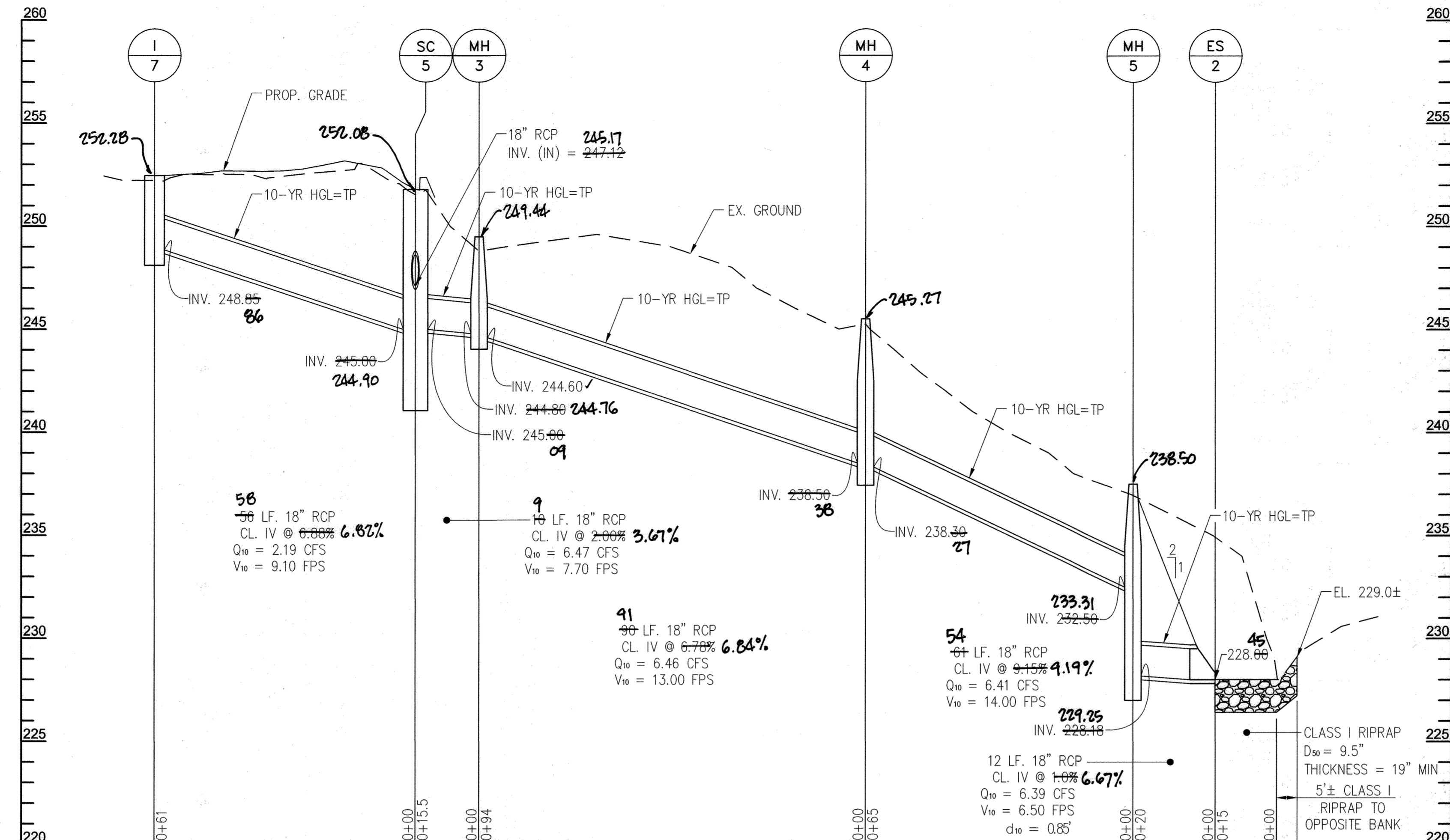
SCALE AS SHOWN

DWG NO.

DP-01



I-8 TO SC-5 [1]



I-7 TO ES-2 [1]

SEE STORM DRAIN PROFILES FOR AS-BUILT ELEVATIONS [1]

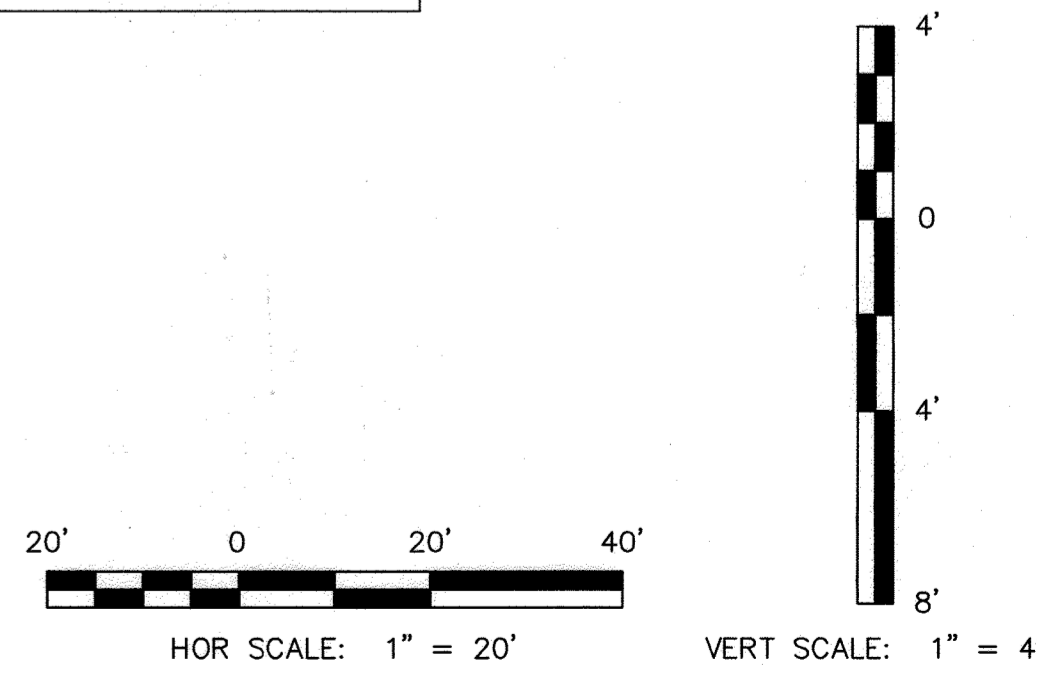
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- N 556028.8987 E 1374534.2921
- N 555935.2135 E 1374531.1A23
- N 555890.4329 E 1374568.2167
- N 555723.4190 E 1374575.5559
- N 555565.3836 E 1374707.5750
- N 555417.4240 E 1374707.9170
- N 555367.7500 E 1374765.1330
- N 556334.5826 E 1374620.1684
- N 555977.5829 E 1374691.6776
- N 555365.7683 E 1374749.4246
- N 555309.8590 E 1374827.8845
- N 555251.4957 E 1374819.6965
- N 556321.0936 E 1374551.9490
- N 556018.9457 E 1374533.1583
- N 555906.0868 E 1374569.8639
- N 555580.8594 E 1374706.6274
- N 555378.0548 E 1374756.6683

STRUCTURE DESIGNATION	WORKPOINT				STRUCTURE TYPE	STRUCTURE SCHEDULE [1]			STD. NO.	REMARKS
	STATION	OFFSET	NORTHING	EASTING		TOP OF STRUCT. ELEV.	INVERT IN	INVERT OUT		
I-1	12+65.00	0.00	1,374,538.15	556,153.05	TYPE S COMBINATION INLET	246.53	-	243.21	D-4.26	
I-2	13+88.97	0.00	1,374,534.08	556,029.15	TYPE S COMBINATION INLET	247.70	242.62	239.50	D-4.26	
I-3	14+82.35	0.00	1,374,531.02	555,935.42	TYPE S COMBINATION INLET	245.80	-	242.39	D-4.26	
I-4	15+53.22	0.00	1,374,568.43	555,890.23	TYPE S COMBINATION INLET	245.50	239.00	237.64	D-4.26	
I-5	17+25.38	0.00	1,374,575.24	555,723.61	TYPE S COMBINATION INLET	244.00	-	240.50	D-4.26	
I-6	19+86.64	0.00	1,374,707.49	555,565.15	TYPE S COMBINATION INLET	252.48	-	245.20	D-4.26	
I-7	21+33.74	0.00	1,374,708.64	555,418.06	TYPE S COMBINATION INLET	252.35	-	248.85	D-4.26	
I-8	22+11.63	0.00	1,374,765.40	555,368.77	TYPE S COMBINATION INLET	251.10	-	245.00	D-4.26	
MH-1	10+05.26	4.45	1,374,631.21	556,335.86	PRECAST MANHOLE	250.50+/-	248.5+/-	245.09	G-5.12	CONNECT EX. 8" CMP
MH-2	19+73.05	16.40	1,374,694.00	555,578.62	PRECAST MANHOLE	249.00	244.97	240.00	G-5.12	
MH-3	22+06.44	14.42	1,374,750.48	555,365.26	PRECAST MANHOLE	249.50	244.90	244.60	G-5.12	
MH-4	22+71.88	58.23	1,374,827.07	555,311.12	PRECAST MANHOLE	245.50	238.50	238.30	G-5.12	
MH-5	22+60.72	117.06	1,374,818.47	555,251.85	PRECAST MANHOLE	237.50	230.50	228.18	G-5.12	
ES-1	10+90.15	3.74	1,374,530.68	556,329.51	CONCRETE END SECTION	-	-	243.50	D-5.51	REMOVE/RESET RIPRAP
ES-2	22+57.83	132.13	1,374,816.25	555,236.54	CONCRETE END SECTION	-	-	228.00	D-5.51	
EW-1	14+01.59	13.56	1,374,520.11	556,016.97	MOD. TYPE C ENDWALL	-	-	239.17	D-5.21	USE DIMENSIONS FOR 42" RCP
EW-2	15+44.86	15.10	1,374,554.76	555,904.04	MOD. TYPE C ENDWALL	-	-	237.35	D-5.21	USE DIMENSIONS FOR 42" RCP
EW-3	19+72.94	70.49	1,374,694.44	555,578.75	TYPE C ENDWALL	-	-	230.00	D-5.21	
SC-1	10+89.22	3.00	1,374,551.79	556,322.80	STC 450I PRECAST STORMCEPTOR	245.30	243.56	243.56	STC-450	SEE DETAIL, SHEET C-06
SC-2	14+01.15	0.00	1,374,533.71	556,016.97	STC 450I PRECAST STORMCEPTOR	245.27	239.27	239.27	STC-450	SEE DETAIL, SHEET C-06
SC-3	15+44.59	0.00	1,374,567.99	555,904.85	STC 2400 PRECAST STORMCEPTOR	245.88	237.45	237.45	STC-2400	SEE DETAIL, SHEET C-06
SC-4	19+72.02	0.00	1,374,707.66	555,579.78	STC 900 PRECAST STORMCEPTOR	252.63	245.11	245.11	STC-900	SEE DETAIL, SHEET C-06
SC-5	21+97.77	0.00	1,374,757.81	555,380.37	STC 900 PRECAST STORMCEPTOR	251.62	245.00	245.00	STC-900	SEE DETAIL, SHEET C-06

FROM		TO		SIZE	TYPE	LENGTH	REMARKS
MH-1	SC-1	18"	RCP	77'	64'		
SC-1	ES-1	18"	RCP	5'			
I-1	I-2	18"	RCP	119'			
I-2	SC-2	18"	RCP	7'	5'		
SC-2	EW-1	24"	RCP	16'	8'		
I-3	SC-2	18"	RCP	76'	79'		
I-5	I-4	24"	RCP	162'			
I-4	SC-3	24"	RCP	9'	10'		
SC-3	EW-2	24"	RCP	16'	11'		
I-6	SC-4	18"	RCP	9'			
SC-4	MH-2	18"	RCP	11'	13'		
MH-2	EW-3	18"	RCP	55'	42'		
I-7	SC-5	18"	RCP	56'	58'		
I-8	SC-5	18"	RCP	8'			
SC-5	MH-3	18"	RCP	16'	9'		
MH-3	MH-4	18"	RCP	96'	91'		
MH-4	MH-5	18"	RCP	61'	54'		
MH-5	ES-2	18"	RCP	12'			

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PURPOSE: THE PURPOSE OF THIS REDLINE IS TO ADD STORMCEPTORS TO CAPTURE POTENTIAL SPILLS CONTAINING CONTAMINANTS.



APPROVED: DEPARTMENT OF PLANNING AND ZONING
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 CHIEF, DIVISION OF LAND DEVELOPMENT
 DATE: 8.10.21
 DATE: 8/19/21
 DATE: 8/23/21

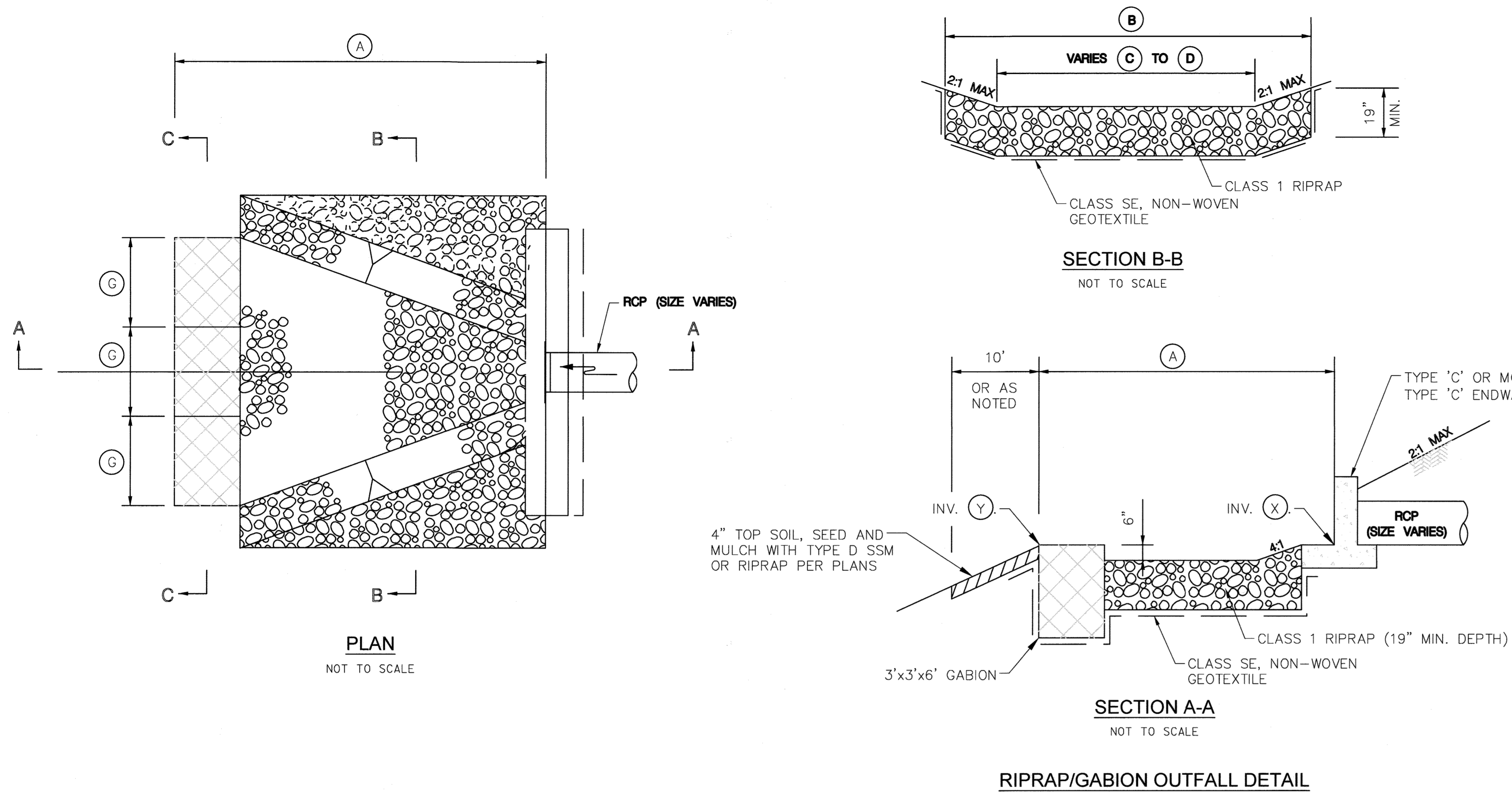


DES: DMT
 DRN: DMT
 CHK: DTM
 DATE: 07/2021
 REVISION: NEW SHEET ADDED
 DATE: 07/2021

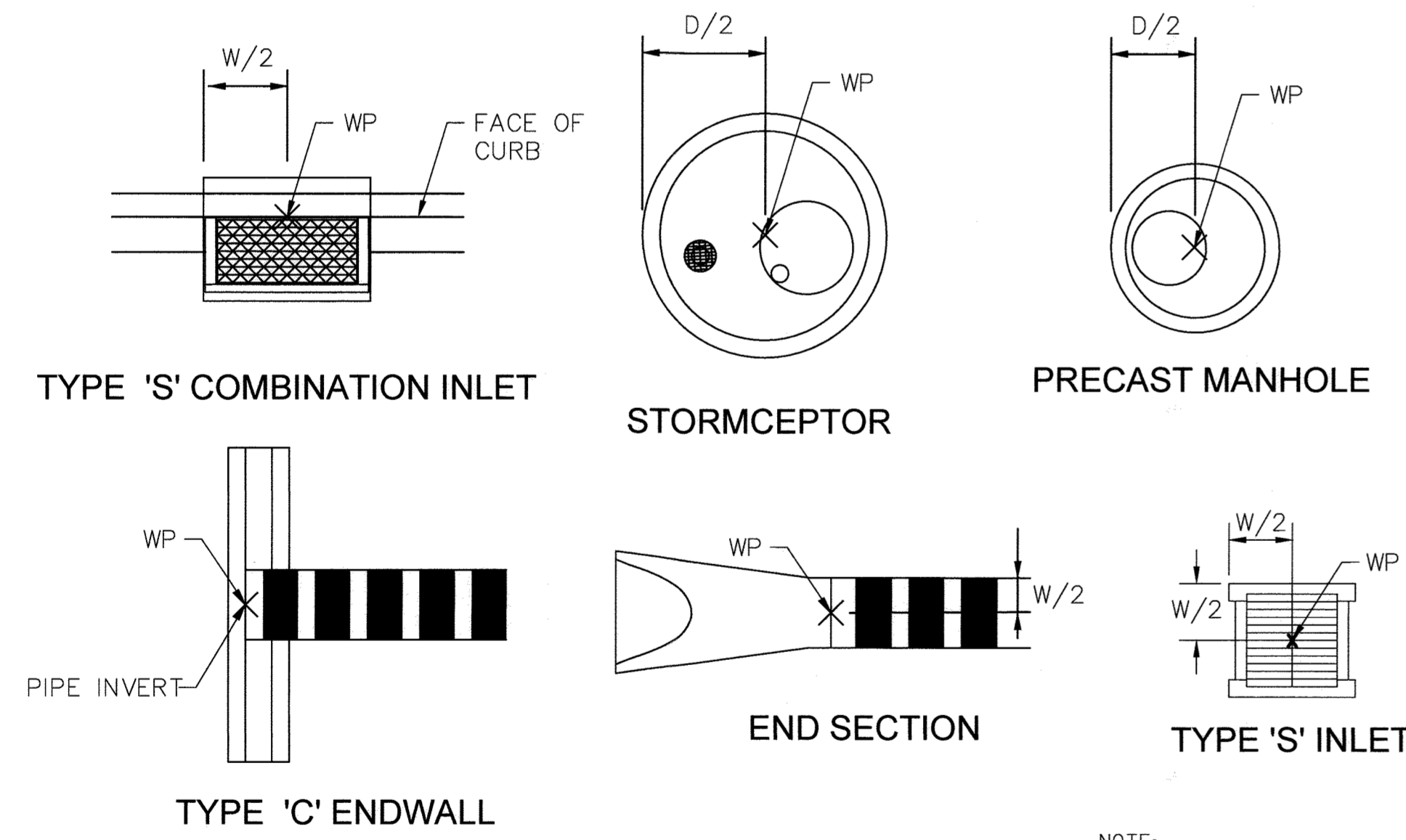
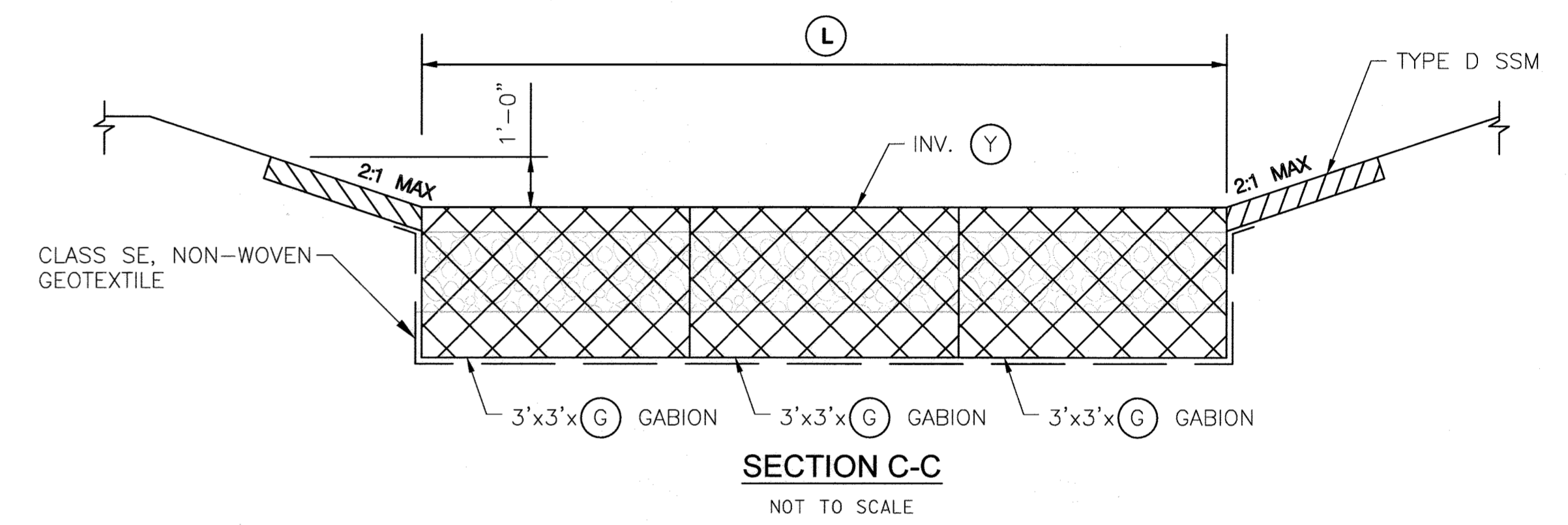
DRAINAGE PROFILES AND SCHEDULES

REVISED SITE DEVELOPMENT PLAN
 MAYFIELD HIGHWAY MAINTENANCE FACILITY - STORMWATER MANAGEMENT
 1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 DWG NO. DP-02



OUTFALL DIMENSIONS								
OUTFALL	A	B	C	D	G	L	X	Y
EW-1	18'	20'	8'	18'	6'	18'	239.17	239.17
EW-2	18'	26'	8'	24'	8'	24'	237.35	237.35

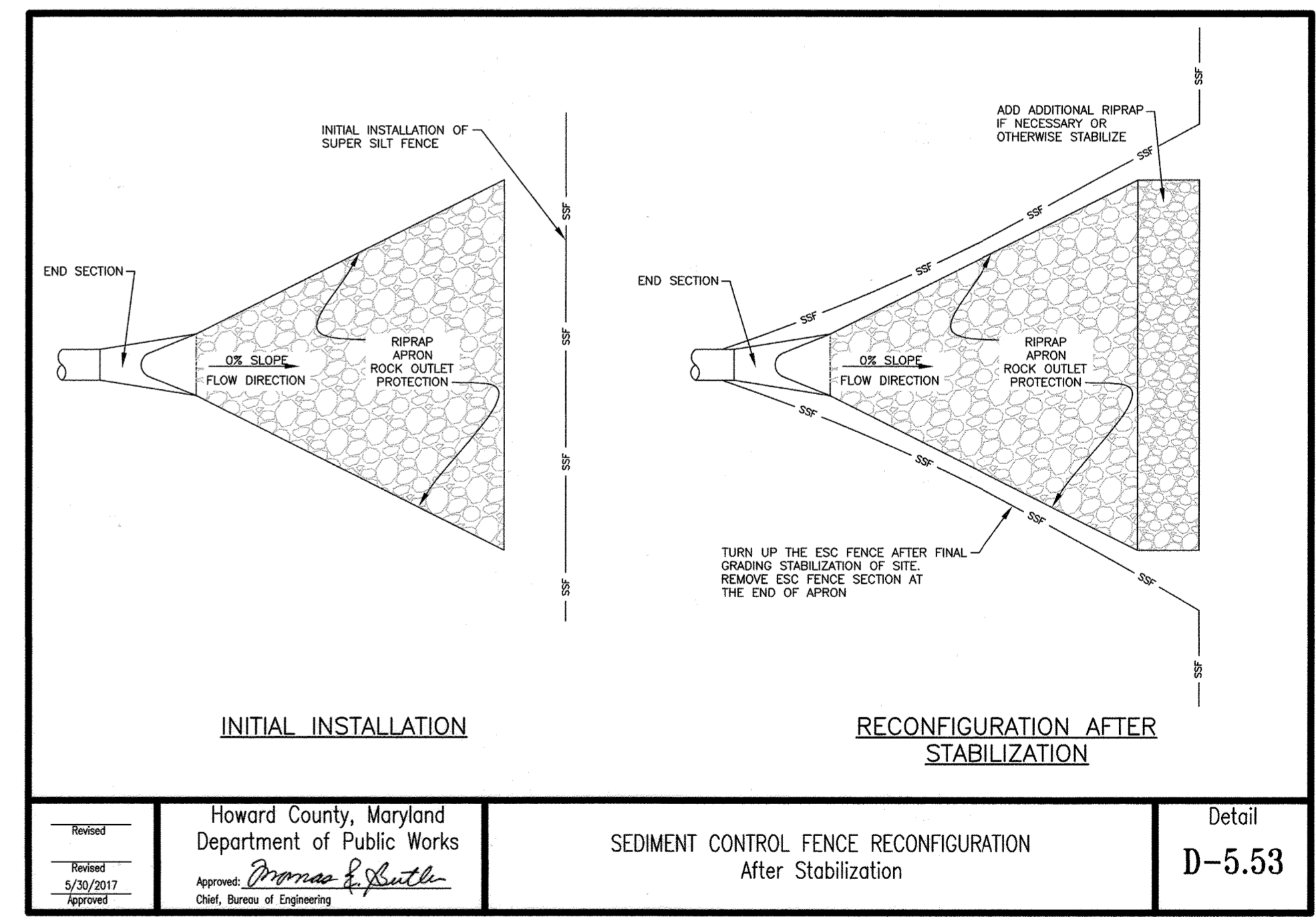


WORKPOINT LOCATIONS
NOT TO SCALE

NOTE:
WORK POINT LOCATIONS FOR STRUCTURES ARE SHOWN IN THE DIAGRAMS ABOVE. THE TOP ELEVATIONS OF THE STRUCTURES ARE GIVEN AT THE WORK POINTS. FOR CURB INLETS, THE TOP ELEVATIONS ARE GIVEN AT THE TOP OF CURB.

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Revised	Howard County, Maryland Department of Public Works	SEDIMENT CONTROL FENCE RECONFIGURATION After Stabilization	Detail D-5.53
Revised 6/24/2021 Approved	Approved: <i>Domenic R. Suttell</i> Chief, Bureau of Engineering		

APPROVED: DEPARTMENT OF PLANNING AND ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION
CHIEF, DIVISION OF LAND DEVELOPMENT
DIRECTOR

DATE: 8-10-21
DATE: 8/19/21
DATE: 8/23/21



DES: DMT			
DRN: DMT			
CHK: DTM			
DATE: 07/2021	DTM	NEW SHEET ADDED	07/2021
BY NO.		REVISION	DATE

STORM DRAIN DETAILS

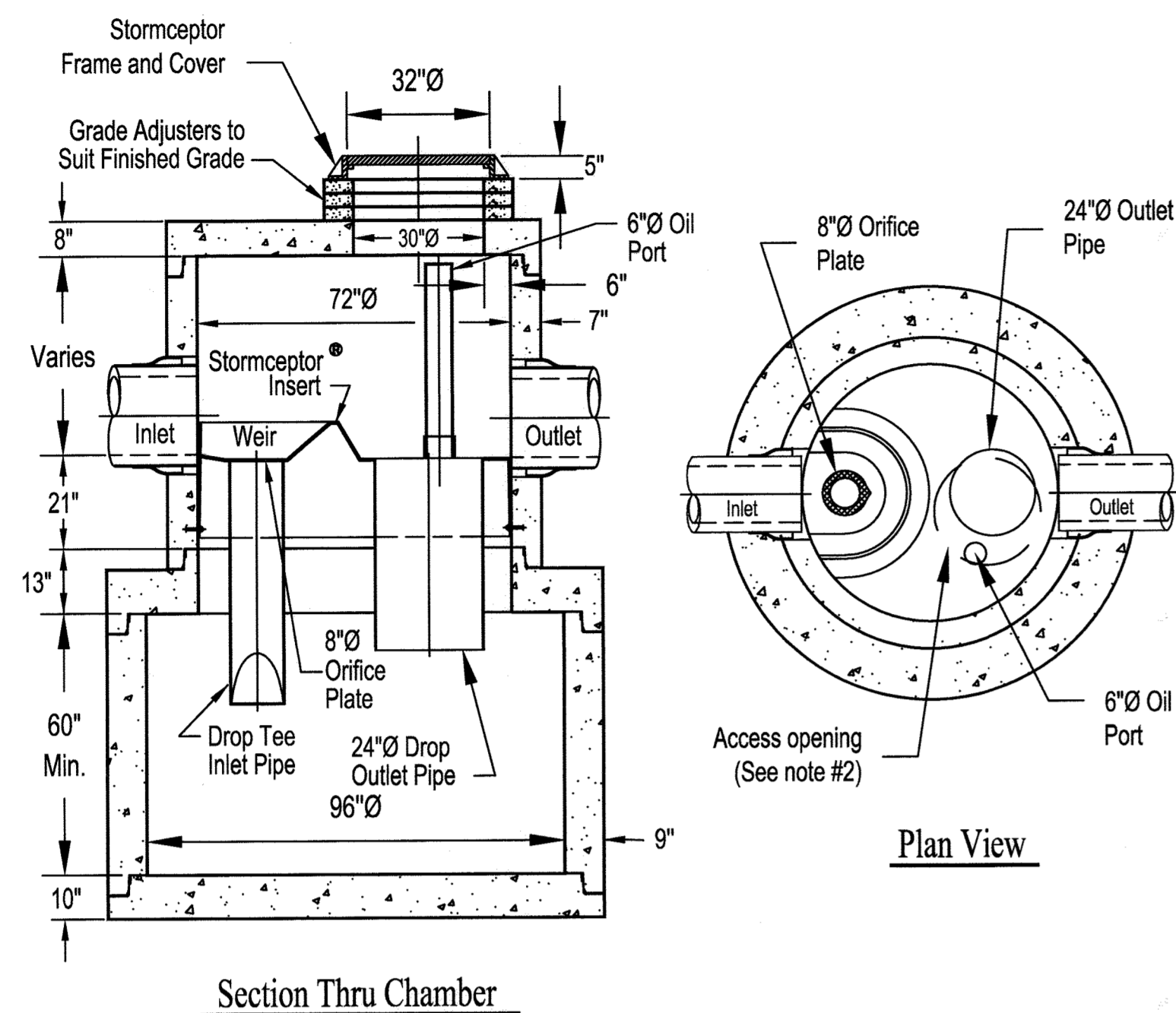
SCALE MAP NO. _____ BLOCK NO. _____

REVISED SITE DEVELOPMENT PLAN
MAYFIELD HIGHWAY MAINTENANCE FACILITY
- STORMWATER MANAGEMENT

1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

SCALE
N/A
DWG NO.
DD-01

STC 2400 Precast Concrete Stormceptor®
(2400 U.S. Gallon Capacity)



Section Thru Chamber

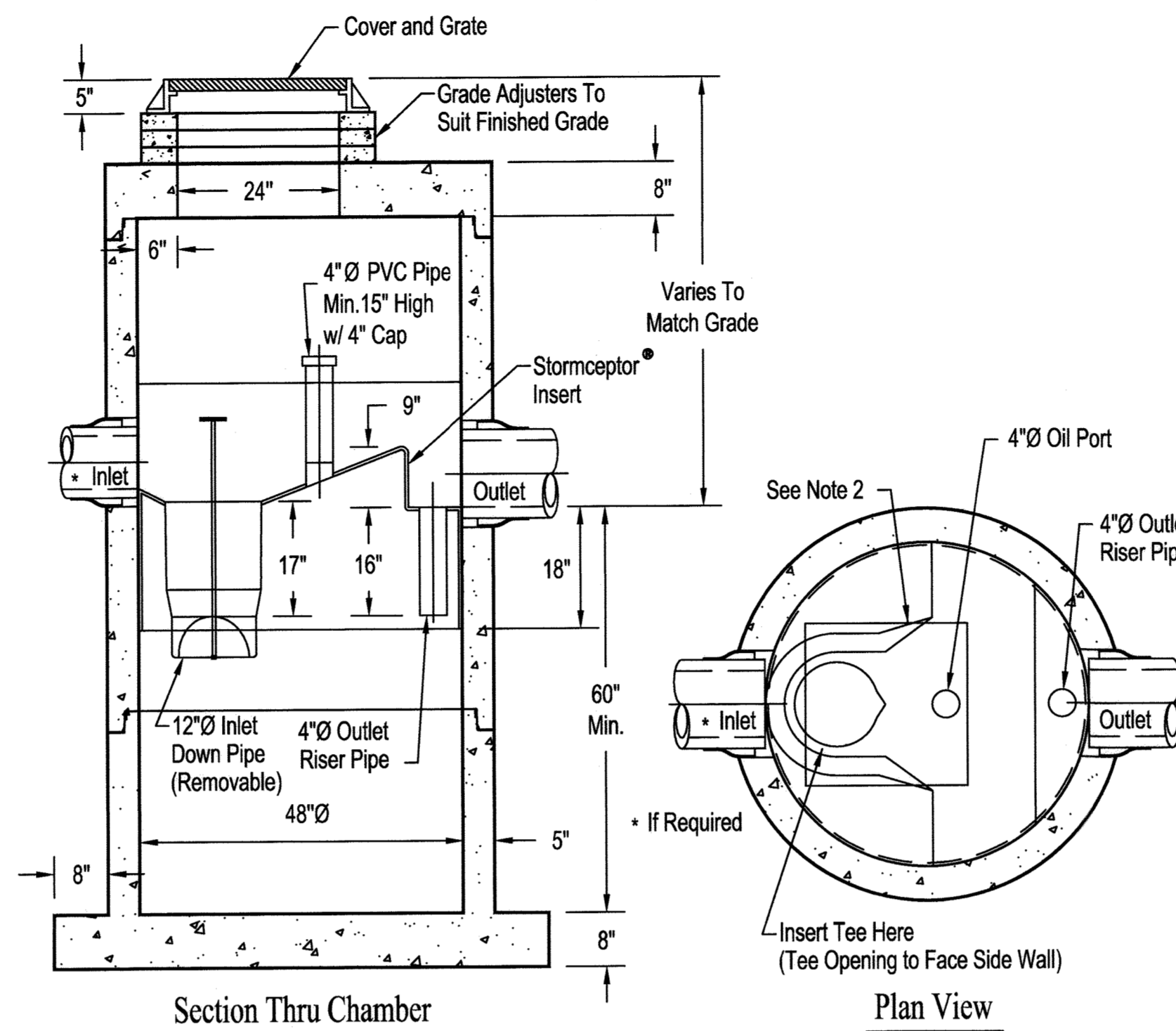
Plan View

Notes:

1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.
2. The Cover Should be Positioned Over The Outlet Drop Pipe and The Oil Port.
3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
4. Contact a Concrete Pipe Division representative for further details not listed on this drawing.
5. For SC-3.

Rinker 031

STC 450i Precast Concrete Stormceptor®
(450 U.S. Gallon Capacity)



Section Thru Chamber

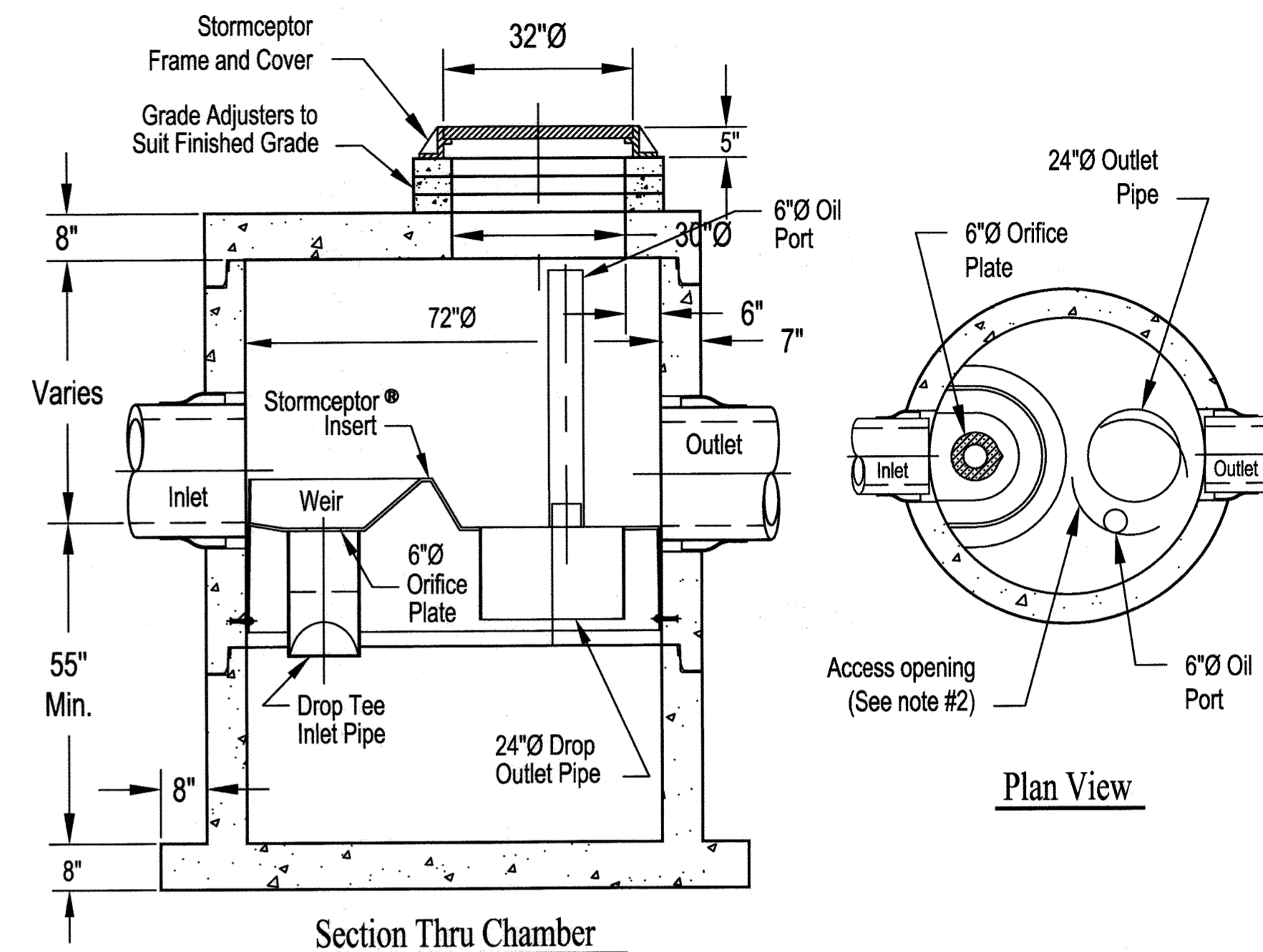
Plan View

Notes:

1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.
2. The Cover Should be Positioned Over The Inlet Drop Pipe and The Oil Port.
3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
4. Contact a Concrete Pipe Division representative for further details not listed on this drawing.
5. For SC-1 and 2.

Rinker 027

STC 900 Precast Concrete Stormceptor®
(900 U.S. Gallon Capacity)



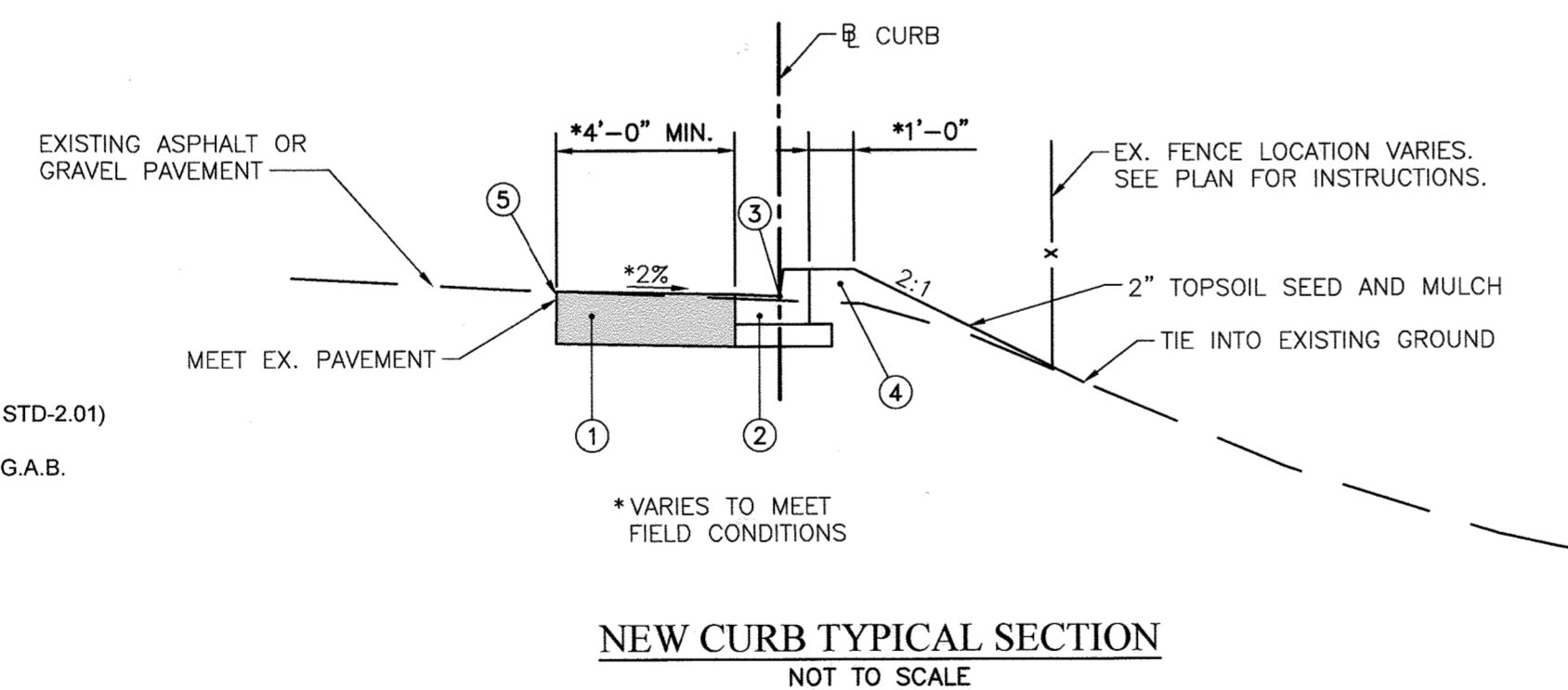
Section Thru Chamber

Plan View

Notes:

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2. The Cover Should be Positioned Over The Outlet Drop Pipe and The Oil Port.
3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
4. Contact a Concrete Pipe Division representative for further details not listed on this drawing.
5. For SC-4, 5, 6 and 7.

Rinker 028



NEW CURB TYPICAL SECTION
NOT TO SCALE

- 1 FULL DEPTH PAVEMENT SECTION (P-4 PER STD-2.01)
- 2 7" COMBINATION CURB AND GUTTER WITH G.A.B.
- 3 SEE DE-01 FOR FLOW LINE ELEVATIONS
- 4 COMMON COMPACTED FILL
- 5 FULL DEPTH SAWCUT AS REQUIRED

PROFESSIONAL CERTIFICATION
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▲ PURPOSE:
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Stormceptor®

STORMCEPTOR® QUOTATION AND ORDER FORM

Quotation No: _____
Date: _____

Project Information:
Project Number: _____
Project Name: _____
Closing Date: _____
Job-site Address: _____
Municipality: _____

Contractor Information:
Contract Name: _____
Company: _____
Phone No: _____
Fax No: _____
E-mail: _____

Consultant Information:
Contact Name: _____
Company: _____
Phone No: _____
Fax No: _____
E-mail: _____

Owner Information (Required for Maintenance):
Contact Name: _____
Company: _____
Phone No: _____
Fax No: _____
E-mail: _____

Land Use (Check one):
 Commercial Gas Station Government Industrial Military
 Street Residential Transportation Other _____

STORMCEPTOR INFORMATION
Structure No.: _____
Top of Grate Elev.: _____
Outlet Invert Elev.: _____
Inlet Invert Elev.: _____
Outlet Pipe Material: _____
Inlet Pipe Material: _____

STORMCEPTOR MODEL REQUIRED (circle model number)

INLET SYSTEM	IN-LINE SYSTEM	SERIES SYSTEM
STC 450	STC 900 STC 1200 STC 1800 STC 2400 STC 3600 STC 4800 STC 6000 STC 7200	STC 11000 STC 16000 STC 13000

Downstream Unit Upstream Unit

Show Orientation of Inlet Pipe Show Orientation of Inlet Pipe Show Orientation of Outlet Pipe on Downstream Unit

Please complete the attached form and fax to your local Stormceptor representative
www.rinkerstormceptor.com

SDP SHT NO. 15 OF 16

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division
Chief, Division of Land Development
Director

DATE: 8-10-21
DATE: 8/19/21
DATE: 8/23/21

AECOM



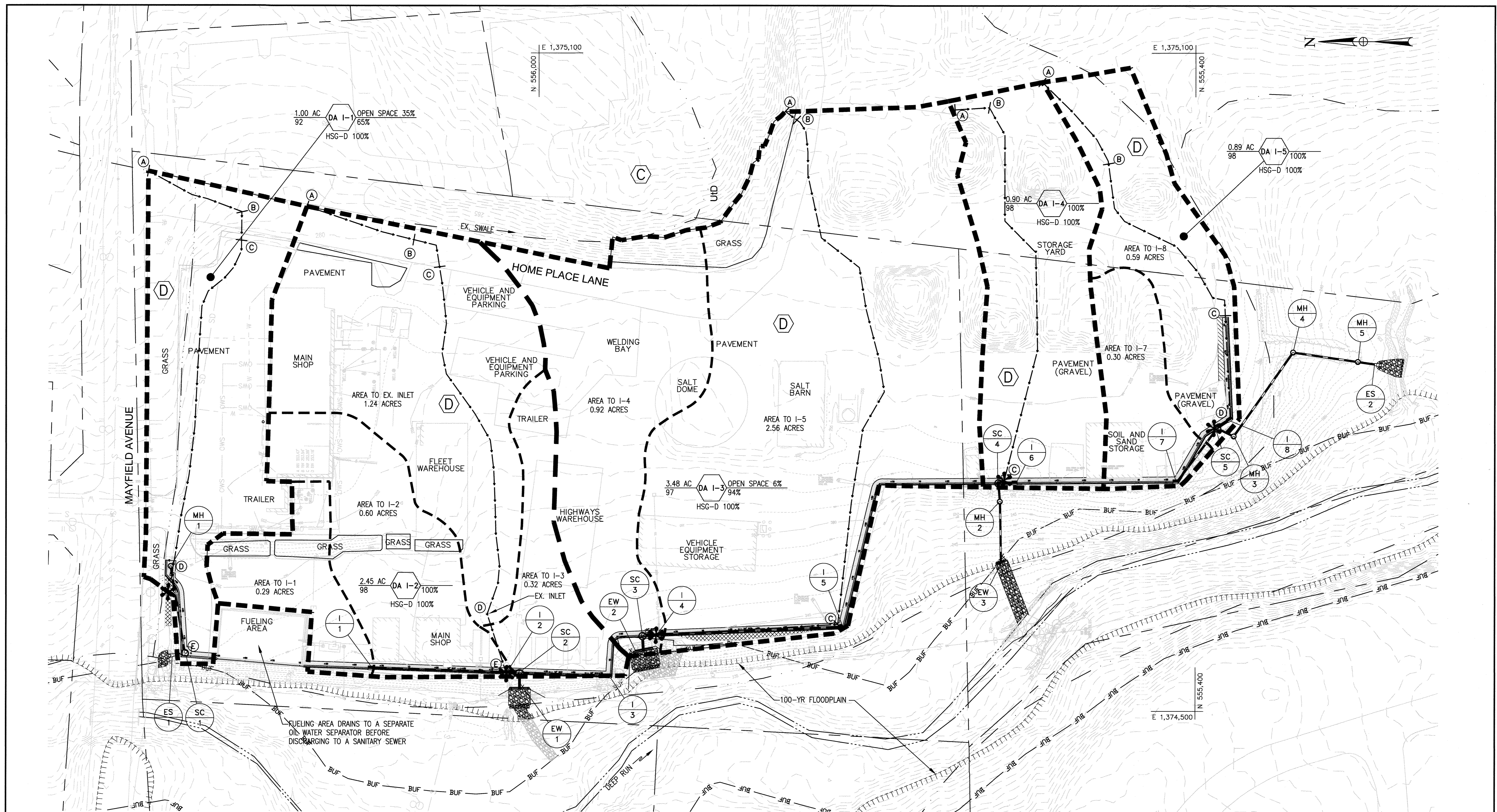
DES: KMS	DTM	NEW SHEET ADDED	07/2021
DRN: ---	BY	REVISION	DATE
CHK: ---	NO.		
DATE: 07/2021			

STORMCEPTOR DETAILS

REVISED SITE DEVELOPMENT PLAN
MAYFIELD HIGHWAY MAINTENANCE FACILITY
- STORMWATER MANAGEMENT

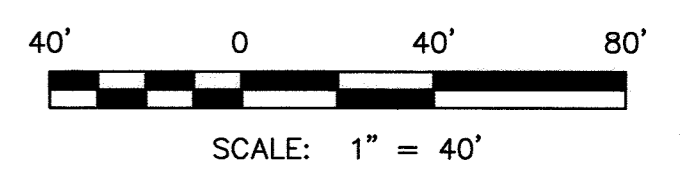
1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

SCALE
N/A
DWG NO.
C-06



LEGEND

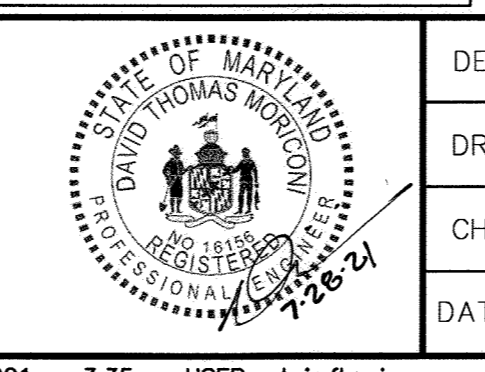
- POINT OF INVESTIGATION (POI)
- DRAINAGE AREA BOUNDARY TO POI
- SUB-DRAINAGE BOUNDARY
- TIME OF CONCENTRATION PATH (TC)
- 100-YR FLOODPLAIN
- SOILS GROUP



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: 8/28/2022

PURPOSE:
 THE PURPOSE OF THIS REDLINE IS TO ADD STORMCEPTORS TO CAPTURE POTENTIAL SPILLS CONTAINING CONTAMINANTS.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Chief, Development Engineering Division: *[Signature]* DATE: 8/10/21
 Chief, Division of Land Development: *[Signature]* DATE: 8/19/21
 Director: *[Signature]* DATE: 8/23/21



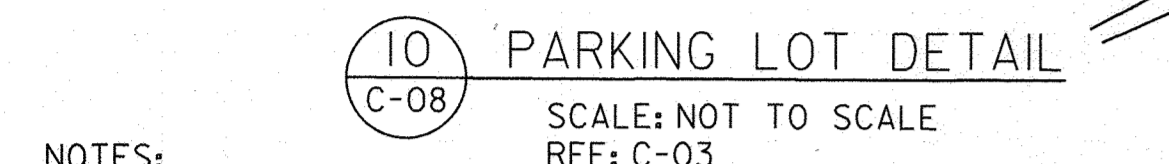
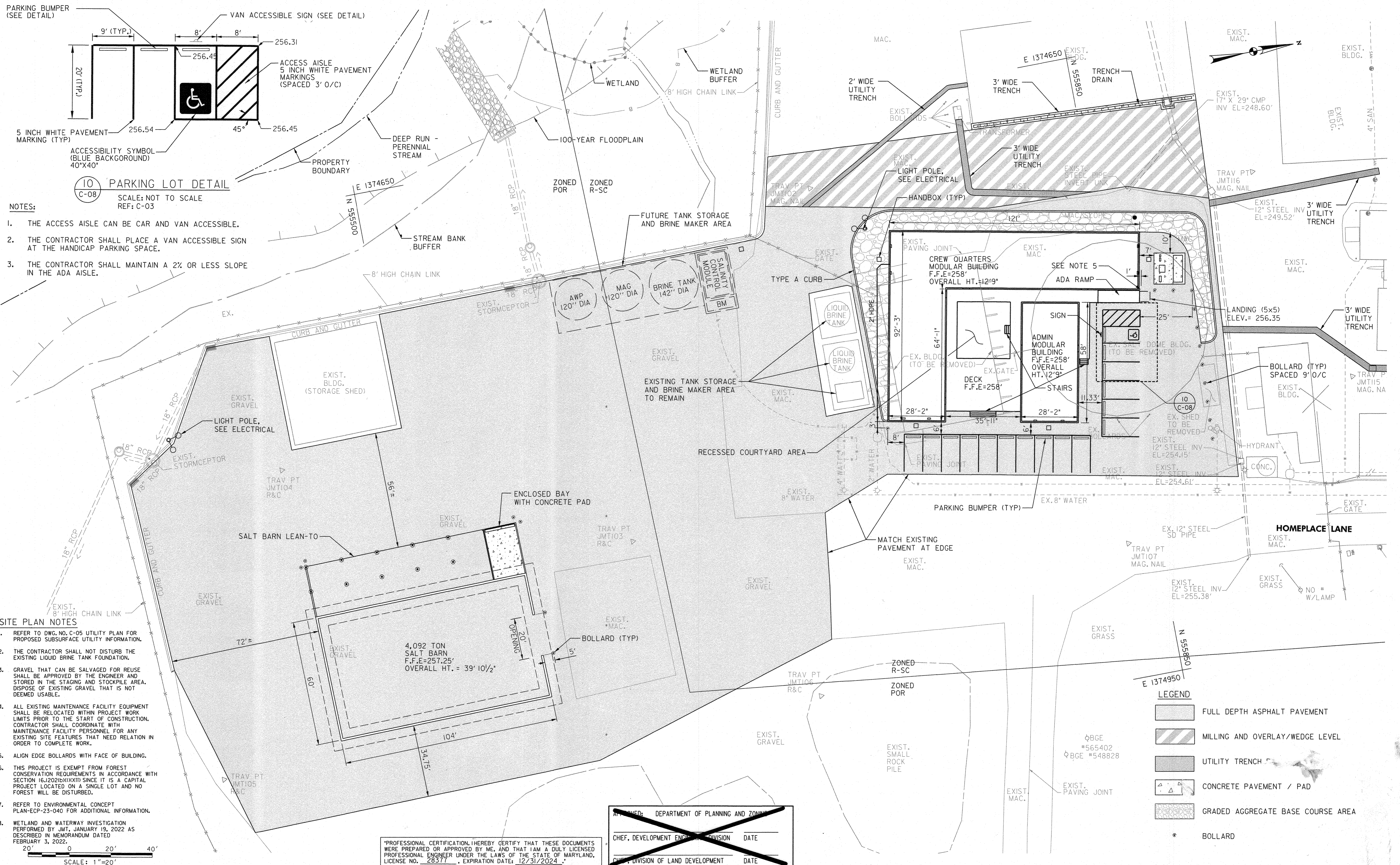
DES: KMS			
DRN: CDF			
CHK: DTM			
DATE: 07/2021	DTM	NEW SHEET ADDED	07/2021
	BY NO.	REVISION	DATE

DRAINAGE AREA MAP (MAYFIELD)

SCALE MAP NO. _____ BLOCK NO. _____

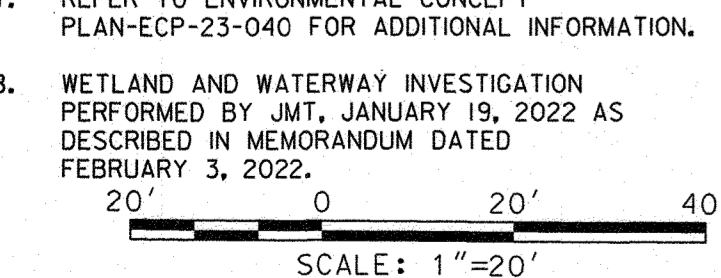
REVISED SITE DEVELOPMENT PLAN
MAYFIELD HIGHWAY MAINTENANCE FACILITY - STORMWATER MANAGEMENT
 1ST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

SDP SHT NO. 16 OF 16
 SCALE 1" = 40'
 DWG NO. DA-01
 SDP 74-050



- NOTES:**
1. THE ACCESS AISLE CAN BE CAR AND VAN ACCESSIBLE.
 2. THE CONTRACTOR SHALL PLACE A VAN ACCESSIBLE SIGN AT THE HANDICAP PARKING SPACE.
 3. THE CONTRACTOR SHALL MAINTAIN A 2% OR LESS SLOPE IN THE ADA AISLE.

- SITE PLAN NOTES**
1. REFER TO DWG. NO. C-05 UTILITY PLAN FOR PROPOSED SUBSURFACE UTILITY INFORMATION.
 2. THE CONTRACTOR SHALL NOT DISTURB THE EXISTING LIQUID BRINE TANK FOUNDATION.
 3. GRAVEL THAT CAN BE SALVAGED FOR REUSE SHALL BE APPROVED BY THE ENGINEER AND STORED IN THE STAGING AND STOCKPILE AREA. DISPOSE OF EXISTING GRAVEL THAT IS NOT DEEMED USABLE.
 4. ALL EXISTING MAINTENANCE FACILITY EQUIPMENT SHALL BE RELOCATED WITHIN PROJECT WORK LIMITS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH MAINTENANCE FACILITY PERSONNEL FOR ANY EXISTING SITE FEATURES THAT NEED RELATION IN ORDER TO COMPLETE WORK.
 5. ALIGN EDGE BOLLARDS WITH FACE OF BUILDING.
 6. THIS PROJECT IS EXEMPT FROM FOREST CONSERVATION REQUIREMENTS IN ACCORDANCE WITH SECTION 16.1202(b)(1)(XII) SINCE IT IS A CAPITAL PROJECT LOCATED ON A SINGLE LOT AND NO FOREST WILL BE DISTURBED.
 7. REFER TO ENVIRONMENTAL CONCEPT PLAN-ECP-23-040 FOR ADDITIONAL INFORMATION.
 8. WETLAND AND WATERWAY INVESTIGATION PERFORMED BY JMT, JANUARY 19, 2022 AS DESCRIBED IN MEMORANDUM DATED FEBRUARY 3, 2022.



"PROFESSIONAL CERTIFICATION, I HEREBY CERTIFY THAT THESE 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. 28371, EXPIRATION DATE: 12/31/2024."

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

CHIEF, DIVISION OF LAND DEVELOPMENT DATE

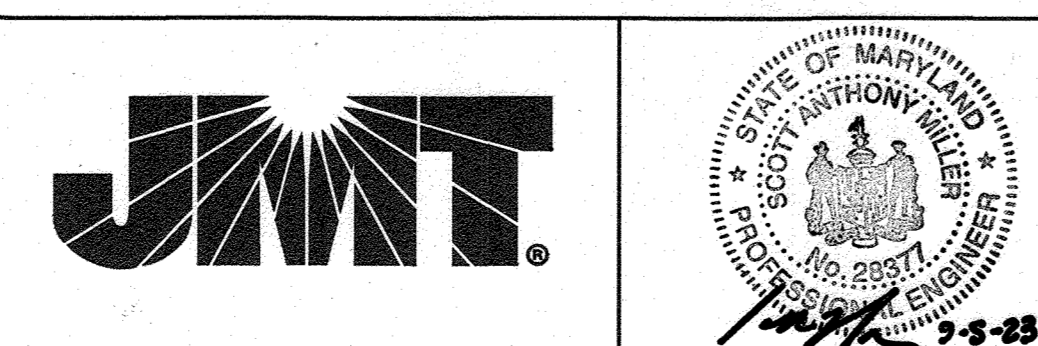
- LEGEND**
- [Pattern] FULL DEPTH ASPHALT PAVEMENT
 - [Pattern] MILLING AND OVERLAY/WEDGE LEVEL
 - [Pattern] UTILITY TRENCH
 - [Pattern] CONCRETE PAVEMENT / PAD
 - [Pattern] GRADED AGGREGATE BASE COURSE AREA
 - [Symbol] BOLLARD

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE 1-24-24

CHIEF, DEVELOPMENT OF LAND DEVELOPMENT DATE 11/22/24

DIRECTOR DATE 2/6/24



DES:	BY:	NO.	DATE
NRG			
KSM			
NRB			
SAM			

DATE: 08/11/2023

CAPITAL PROJECT NO.
C-0348-9005

SITE PLAN

MAYFIELD MAINTENANCE FACILITY
SITE IMPROVEMENTS

ELECTION DISTRICT I

HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 17 OF 17