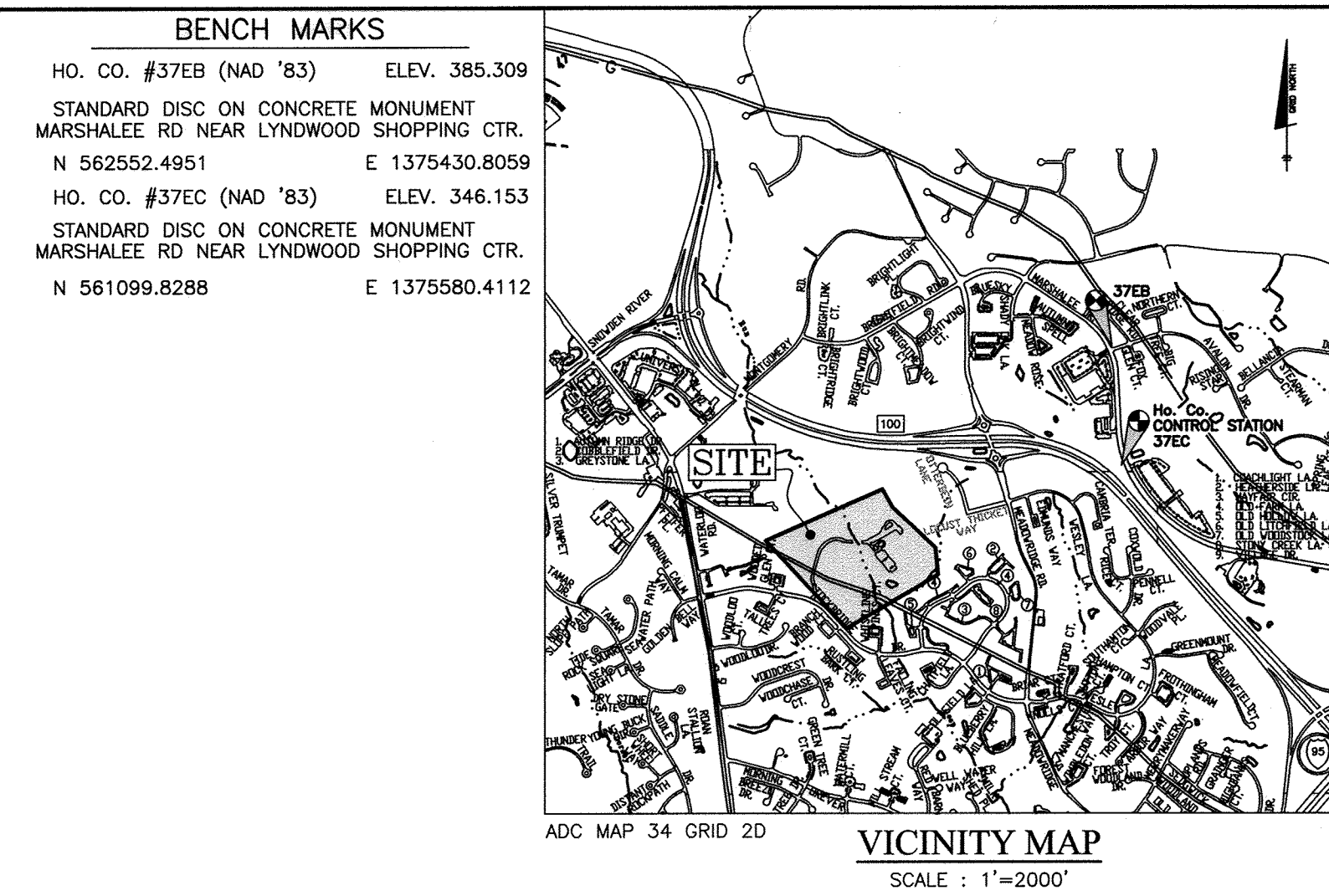


QUANTITIES				
ITEMS	ESTIMATED QUANTITIES	AS-BUILT		
		QUANTITIES	TYPE	MANUF./SUPPLIER
WATER				
8" WATER(D.I.P. CLASS 54)	159 LF.	159 LF	DIP	US PIPE
8" x 8" TAPPING SLEEVE & VALVE	1 EACH	1 EACH		FOR ID
8" CAP & BUTTRESS	1 EACH	1 EACH		U.S. PIPE
SEWER				
8" SEWER (PVC C900 DR18)	363 LF.	363 LF	C900	NATION
8" SEWER (DIP CLASS 52)	221 LF.	221 LF	DIP	US PIPE
MANHOLES	5 EACH	5 EACH		PRECAST

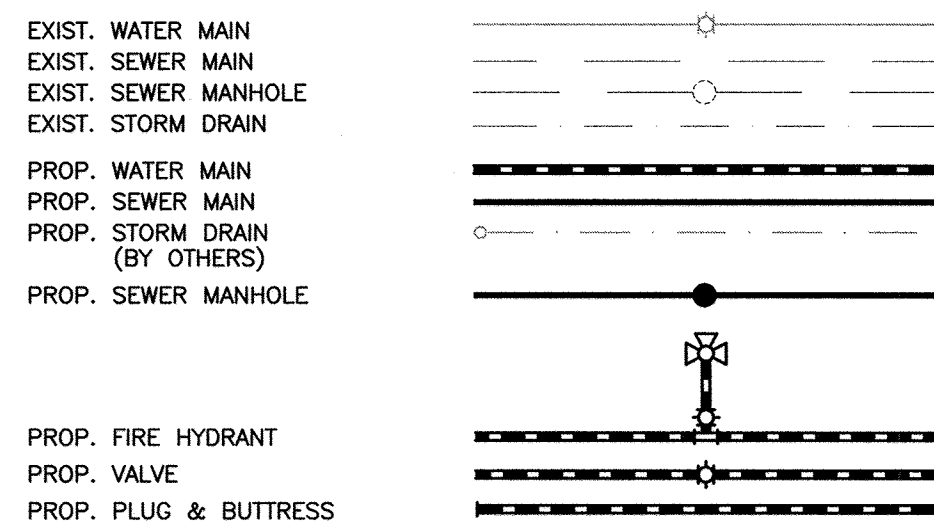
NAME OF UTILITY CONTRACTOR: MITCHELL INC.
 SURVEY AND DRAFTING DIVISION AS-BUILT DATE: 9-7-18

FINAL WATER AND SEWER EXTENSIONS THE WEXLEY AT 100 OFF-SITE WATER AND SEWER PARCEL 670 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO.: 14-4994-D



NOTE: ALL JOINTS AND CONNECTIONS LOCATED WITHIN STRUCTURAL FILL AREAS SHALL BE MECHANICALLY RESTRAINED IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION)

LEGEND



STRUCTURE TABLE

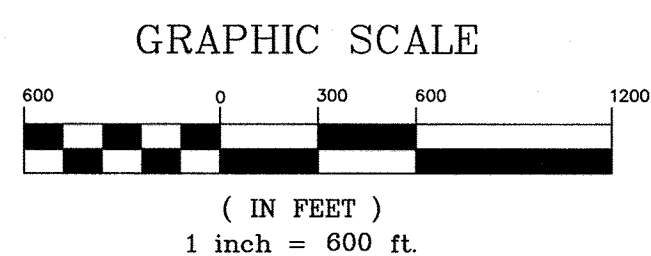
NUMBER	TYPE	NORTHING	EASTING	INVERT IN	INVERT OUT	TOP ELEV.	STD. DETAIL	OWNER	REMARKS
100	48" MH	560238.7798	1372246.8832	296.98(8")	305.20	305.20	Ho.Co. STD. G-5.14	PUBLIC	
101	48" MH	560305.1666	1372360.1520	320.73(8")	306.36(8")	326.21	Ho.Co. STD. G-5.11 TYPE 'B' - DROP	PUBLIC	
102	48" MH	560472.8675	1372646.2826	327.78(8")	327.68(8")	332.93	Ho.Co. STD. G-5.11	PUBLIC	
103	48" MH	560495.7545	1372667.3514	332.28(8")	328.96(8")	336.71	Ho.Co. STD. G-5.11 TYPE 'A' - DROP	PUBLIC	
104	48" MH	560554.9788	1372721.8707	346.47(8")	346.37(8")	365.12	Ho.Co. STD. G-5.11	PUBLIC	

WATER APPURTENANCE SCHEDULE

APPURTENANCE	WATER LINE STATION	NORTHING	EASTING
8" x 8" TAPPING SLEEVE & VALVE	WL STA. 0+00.0	560345.5368	1372719.5689
1/8" HORIZONTAL BEND	WL STA. 0+56.4	560401.0715	1372729.6053
1/16" VERTICAL BEND	WL STA. 0+79.2	560417.4068	1372745.4570
1/16" VERTICAL BEND	WL STA. 1+13.0	560441.7090	1372768.9483
1/16" VERTICAL BEND	WL STA. 1+23.6	560449.3304	1372776.3154
1/16" VERTICAL BEND	WL STA. 1+53.6	560470.9004	1372797.1657
8" PLUG & BUTTRESS	WL STA. 1+59.1	560474.8747	1372801.0074

PROPERTY OWNER:
 HOWARD COUNTY BOARD OF EDUCATION
 BELLOW'S SPRING ELEM SCHOOL
 10910 CLARKSVILLE PK.
 ELLICOTT CITY, MD 21042

DEVELOPER:
 LOWST THICKET INVESTORS, LLC
 P.O. BOX 417
 ELLICOTT CITY, MD 21041
 410-465-4244



SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	WATER & SEWER PLAN
3	WATER & SEWER PROFILES
4	PUBLIC WATER AND SEWER SEDIMENT CONTROL PLAN NOTES & DETAILS

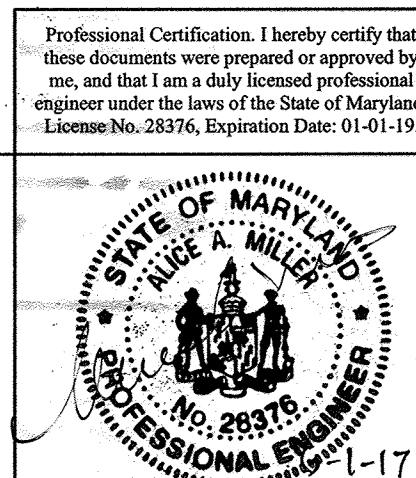
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT
 DATE: 5/9/17
 SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER SHOWN ON SHEET 4 OF THIS PLAN.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 CHIEF, BUREAU OF UTILITIES
 DATE: 5/9/17

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 DATE: 6-20-17

BENCHMARK
 ENGINEERS & LAND SURVEYORS & PLANNERS
 8480 BALTIMORE NATIONAL PIKE & SUITE 315 & ELLICOTT CITY, MARYLAND 21043
 (P) 410-465-6105 (F) 410-465-6644
 WWW.BEI-CIVILENGINEERING.COM



NUMBER OF UNITS: N/A
 DRAINAGE AREA: PATAPSCO
 TREATMENT PLANT: PATAPSCO WWTP
 WATER ZONE: 550
 TEST GRADIENT: 700

LOCATION MAP
 SCALE: 1" = 600'

AS-BUILT

By: [Signature] Date: 10/13/14

DESIGN MANUAL WAIVER

A DESIGN MANUAL WAIVER REQUEST WAS SUBMITTED 3-17-17 TO THE 10' MINIMUM SEPARATION BETWEEN A UTILITY EASEMENT AND A PERMANENT STRUCTURE. DURING THE REVIEW PROCESS FOR THE WAIVER, A REDESIGN WAS SUBMITTED WITH THE ALIGNMENT SHOWN ON THIS PLAN. DFW DETERMINED IN A LETTER DATED APRIL 10, 2017 THAT NO WAIVER WAS NECESSARY FOR THIS ALIGNMENT.

MDE PERMIT

MDE LETTER OF AUTHORIZATION 16-NY-3361/201662030 ISSUED MAY 2, 2017 AUTHORIZES WORK WITHIN THE FLOODPLAIN AND ESTABLISHES BEST MANAGEMENT PRACTICES FOR THE CONSTRUCTION ACTIVITIES.

FINAL
 TITLE SHEET

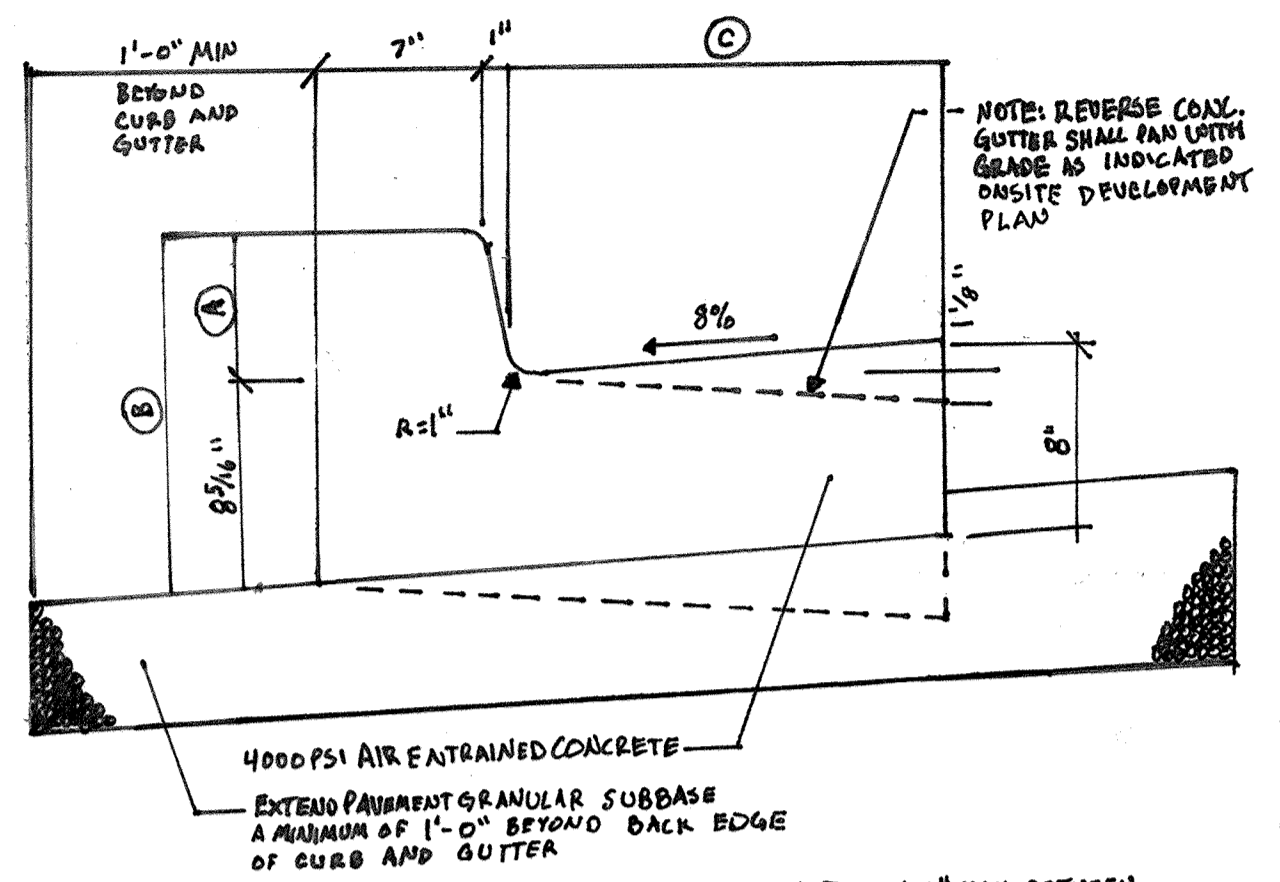
THE WEXLEY AT 100
 OFF-SITE WATER AND SEWER

TAX MAP 37, GRID 8, PARCEL 670 1ST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 CONTRACT No. 14-4994-D

SCALE:
 1"=50'
 SHEET NO.
 1 OF 4

DES.	NAF			
DRN:	NAF			
CHK:	AAM	AM Z	PROJECT NAME CHANGE	11/1/19
DATE:	05/2017	AM I	SITE CONSTRUCTION & SEDIMENT CONTROL DETAILS AND NOTES ADDED PER THE BOARD OF EDUCATION	11/13/17
BY:	NO.		REVISIONS	DATE

600 SCALE MAP # 37
 BLOCK: 8 & 9

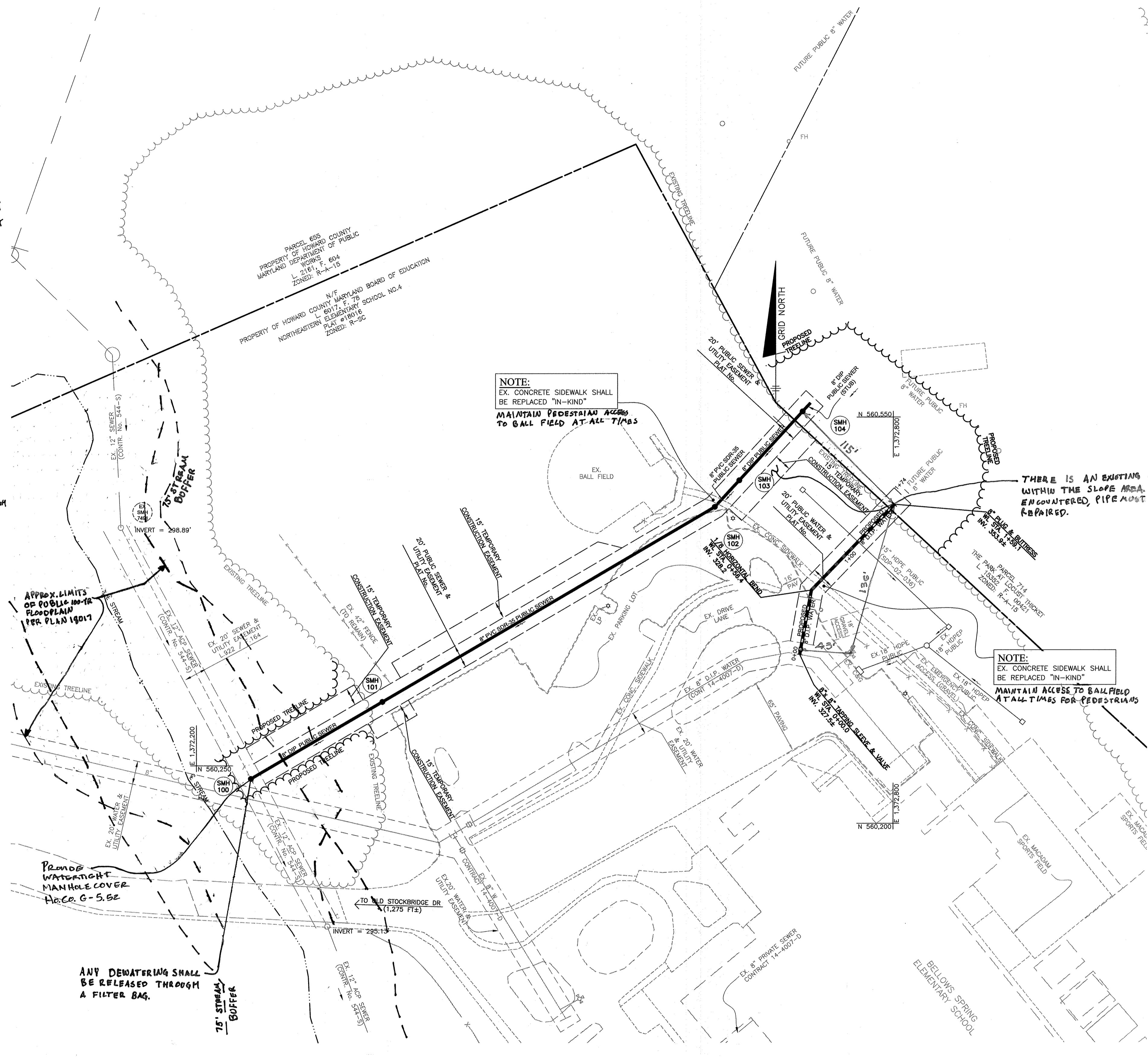


CORB HEIGHT	(A)	(B)	(C)
6"	6"	1'-2 3/16"	1'-8"
7"	7 3/16"	1'-3 1/16"	1'-8"

CONCRETE CURB AND GUTTER DETAIL
PER SDP-02-36

NOTE: 50'-0" MAX BETWEEN EXPANSION JOINTS
10'-0" MAX BETWEEN CONTROL JOINTS

ALL ON SITE CURB AND GUTTER SHALL BE 6" HIGH CURB AND GUTTER IF NO STOCK BRIDGE DRIVE ROAD SHALL BE 7" HIGH



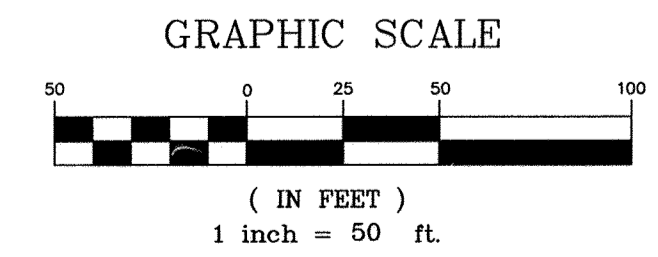
- UTILITY CONSTRUCTION TIMELINE**
- DAY ACTIVITY**
1. BEI STAKEOUT LIMIT OF DISTURBANCE.
 2. PRE CONSTRUCTION MEETING BEGIN CLEARING, INSTALLATION OF SEDIMENT CONTROLS AND SAFETY FENCING.
 3. CLEARING AND SEDIMENT CONTROLS.
 4. CLEARING AND SEDIMENT CONTROLS.
 5. BEI STAKEOUT SEWER AND WATER.
 6. SEWER CONTRACTOR TO MOBILIZE.
 7. START SEWER-MH 100.
 8. SEWER CONSTRUCTION TO MH 101.
 9. SET MH 101, PROCEED TO 102. HATFIELD BEGINS PERMANENT STABILIZATION.
 10. SET MH 102.
 11. SET MH 103.
 12. PROCEED TO MH 104 WITH DIP AND CONCRETE ANCHORS.
 13. SET MH 104, COMPLETE CONCRETE ANCHORS.
 14. STRIP ANCHOR FORMS, BACKFILL AROUND ANCHORS, AIR TIGHT.
 15. START WATER MAIN, TAPPING SLEEVE AND VALVE.
 16. CONSTRUCT WATERLINE UPSLOPE W/ CONCRETE ANCHORS.
 17. WATERLINE CONSTRUCTION, FILL, WATERLINE AND TEST
 18. BACTERIA TESTING, TIE IN.
 19. START PAVING, CURB AND SIDEWALK REPAIRS.
 20. PAVING, CURB AND SIDEWALK REPAIRS.
 21. FINISH SLOPE STABILIZATION, SEDIMENT CONTROLS REMOVAL.
 22. CONSTRUCTION FENCE REMOVAL.
 23. HOWARD COUNTY INSERVICE INSPECTION WITH BUREAU OF UTILITIES.
 24. WALK PROTECT WITH BOARD OF EDUCATION REPRESENTATIVE.

Note: Pedestrian access shall be maintained to the ball field at all times.

AS-BUILT
By [Signature] Date 10/3/18

NOTE:
UTILITY TRENCHES SHALL BE COMPACTED TO 95% OF A MODIFIED PROCTOR (1-180) TO WITHIN 8" OF SURFACE. NO COMPACTION SHALL BE APPLIED TO TOP 6" TO FACILITATE GRASS GROWTH.

DISTURBED AREAS SHALL BE RESTORED WITH 4" OF TOPSOIL, SEED AND MULCH. SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITH ENKAMAT 7003.



PROPERTY OWNER:
HOWARD COUNTY BOARD OF EDUCATION
BELLOW'S SPRING ELEM SCHOOL
10910 CLARKSVILLE PK.
ELLICOTT CITY, MD 21042

DEVELOPER:
LOLUST TRUCKER INVESTMENTS, LLC
P.O. BOX 417
ELLICOTT CITY, MD 21041
410-465-4244

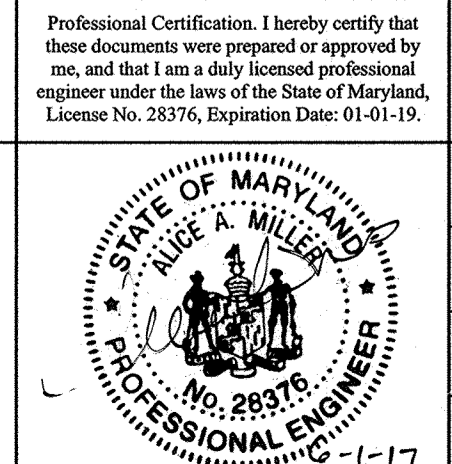
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 5/9/17
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

[Signature] 6/20/17
CHIEF, DEVELOPMENT ENGINEERING DIVISION

BENCHMARK
ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE & SUITE 315 & ELLICOTT CITY, MARYLAND 21043
(P) 410-465-8105 (F) 410-465-6844
WWW.BE1-CIVILENGINEERING.COM



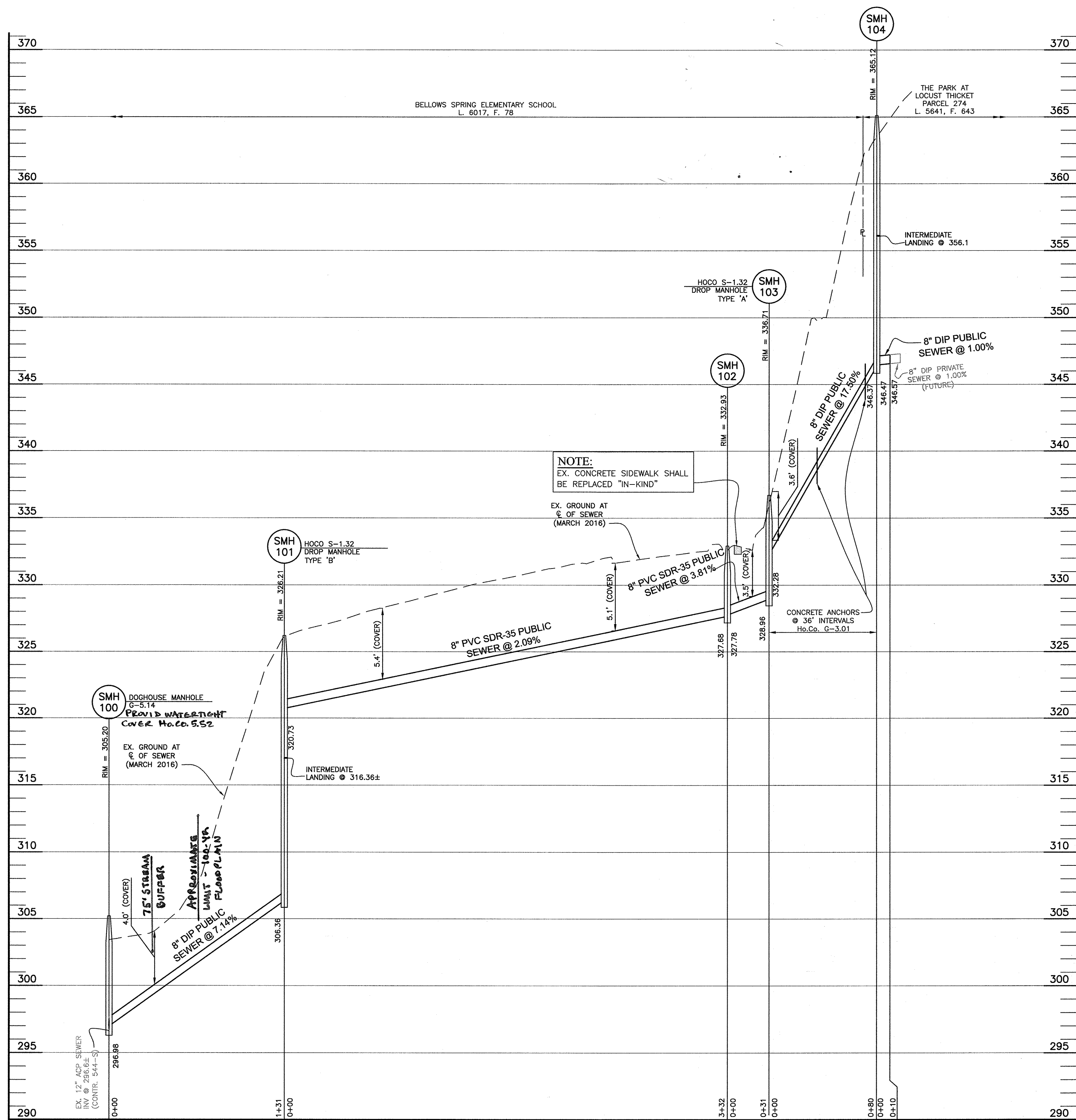
DES:	NAF			
DRN:	NAF			
CHK:	AAM			
DATE:	05/2017			
BY:	NO.			
		AM 2	PROJECT NAME CHANGE	1/1/19
		AM 1	SITE CONSTRUCTION SEDIMENT CONTROL DETAILS AND NOTES ADDED PER THE BOARD OF EDUCATION	11/13/17
			REVISIONS	REQUEST

FINAL PUBLIC WATER AND SEWER PLAN VIEW

600 SCALE MAP #37

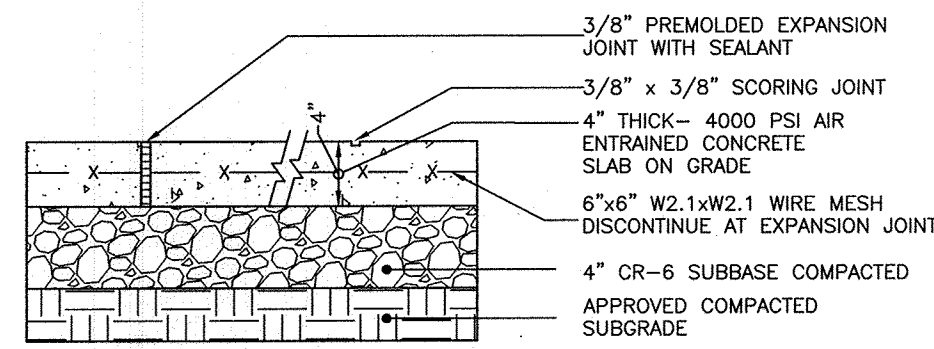
THE WEXLEY AT 100
OFF-SITE WATER AND SEWER
TAX MAP 37, GRID 8, PARCEL 670 1st ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
CONTRACT No. 14-4994-D

SCALE:
1"=50'
SHEET NO.
2 OF 4



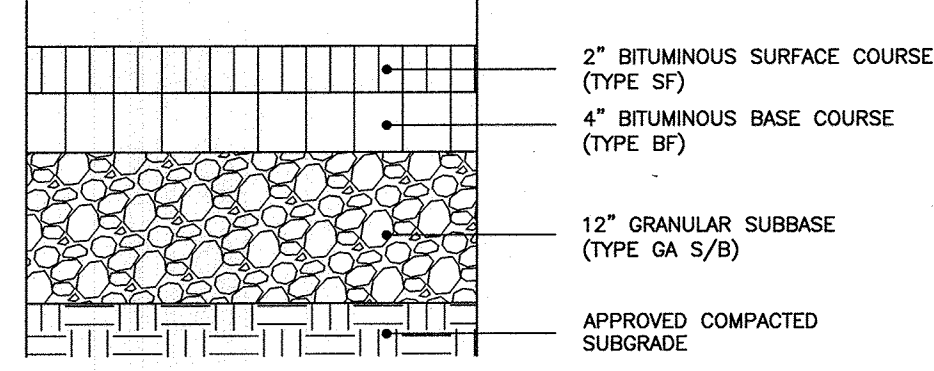
PUBLIC SEWER SMH 100 THRU SMH 104

SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'



NOTE:
-INSTALL EXPANSION JOINTS AT MAX. 15'-0" O.C.
-INSTALL SCORING JOINTS AT MAX 5'-0" O.C.
-SLOPE ACROSS SIDEWALK SHALL BE MIN. 1/8" (1%)

CONCRETE WALK DETAIL
NOT TO SCALE



HEAVY DUTY ASPHALTIC PAVING DETAIL
NOT TO SCALE

NOTES

- WHEN PIPE SLOPE > 20% USE DIP ONLY.
- PLACE CONCRETE ANCHOR AGAINST DOWNSLOPE SIDE OF BELL.
- CARRY ALL BEARING SURFACES TO UNDISTURBED EARTH.
- ALL ANCHORED PIPELINES SHALL BE RESTRAINED.

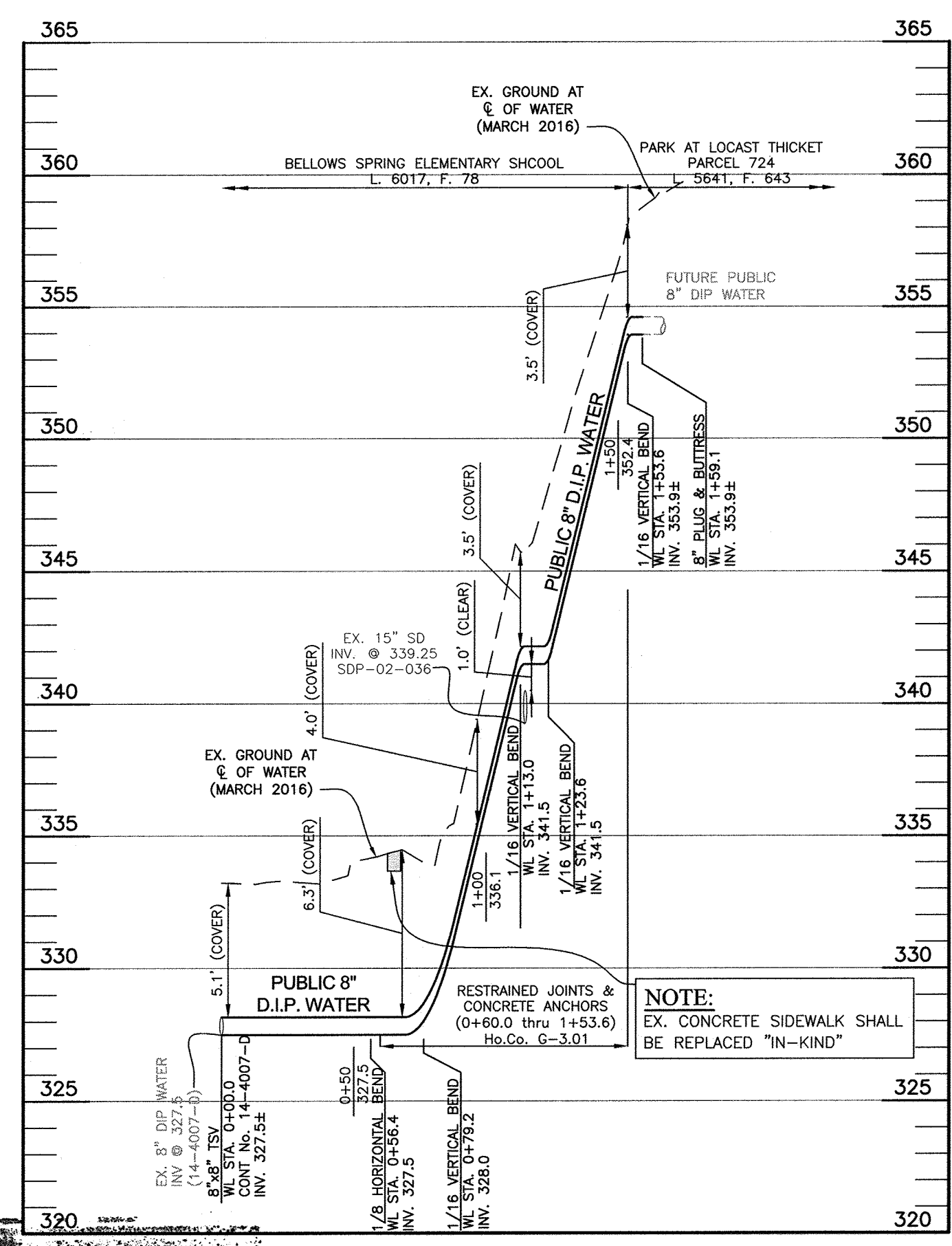
SLOPE	SPACING
>20%-35%	36 FEET
36%-50%	24 FEET
>50%	16 FEET

ELEVATION
CONCRETE ANCHOR
(FOR USE WHEN PIPE SLOPES EXCEED 20%)

Howard County, Maryland
Department of Public Works

Pipe Trench
Erosion Check and
Concrete Slope Anchor

Detail
G-3.01

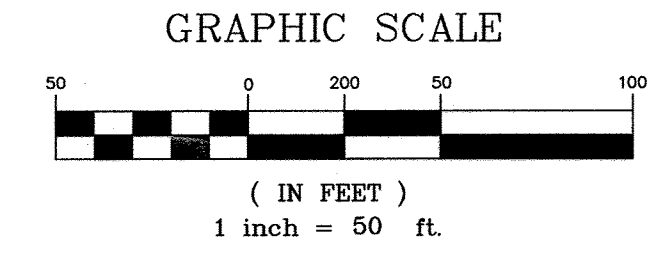


PUBLIC WATER

SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

NOTE:
UTILITY TRENCHES SHALL BE COMPACTED TO 95% OF A MODIFIED PROCTOR (T-180) TO WITHIN 6" OF SURFACE. NO COMPACTION SHALL BE APPLIED TO TOP 6" TO FACILITATE GRASS GROWTH.
DISTURBED AREAS SHALL BE RESTORED WITH 4" OF TOPSOIL. STEEP AND WILLOW SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITH CURLEX AND RESFODIA. FLAT (4:1) AREAS MUST BE SODDED.

AS-BUILT
By *[Signature]* Date 10/3/18



PROPERTY OWNER:
HOWARD COUNTY BOARD OF EDUCATION
BELLOWS SPRING ELEM SCHOOL
10910 CLARKSVILLE PK.
ELLCOTT CITY, MD 21042

DEVELOPER:
LOUSTRIK DEVELOPERS, LLC
P.O. BOX 417
ELLCOTT CITY, MD 21041
410-465-4244

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. 28376, Expiration Date: 01-01-19.



BENCHMARK
ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE SUITE 315 A ELLICOTT CITY, MARYLAND 21043
(P) 410-465-8105 (F) 410-465-6644
WWW.BE-CIVILENGINEERING.COM

DES:	NAF			
DRN:	NAF			
CHK:	AAM	AM 2	PROJECT NAME CHANGE	1/9/19
		AM 1	NOTES ADDED PER THE BOARD OF EDUCATION REQUEST	11/18/17
DATE:	05/2017	BY:	NO.	REVISIONS

FINAL
WATER & SEWER PROFILES

600 SCALE MAP #37

THE WEXLEY AT 100
OFF-SITE WATER AND SEWER
TAX MAP 37, GRID 8, PARCEL 670 1st ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
CONTRACT No. 14-4994-D

SCALE:
1"=50'
SHEET NO.
3 OF 4

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

CHIEF, DEVELOPMENT ENGINEERING DIVISION

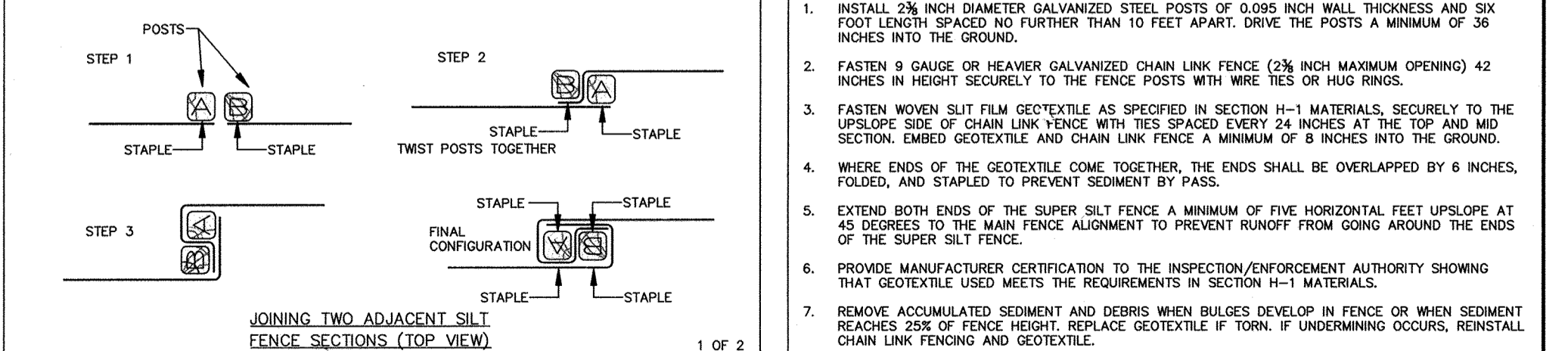
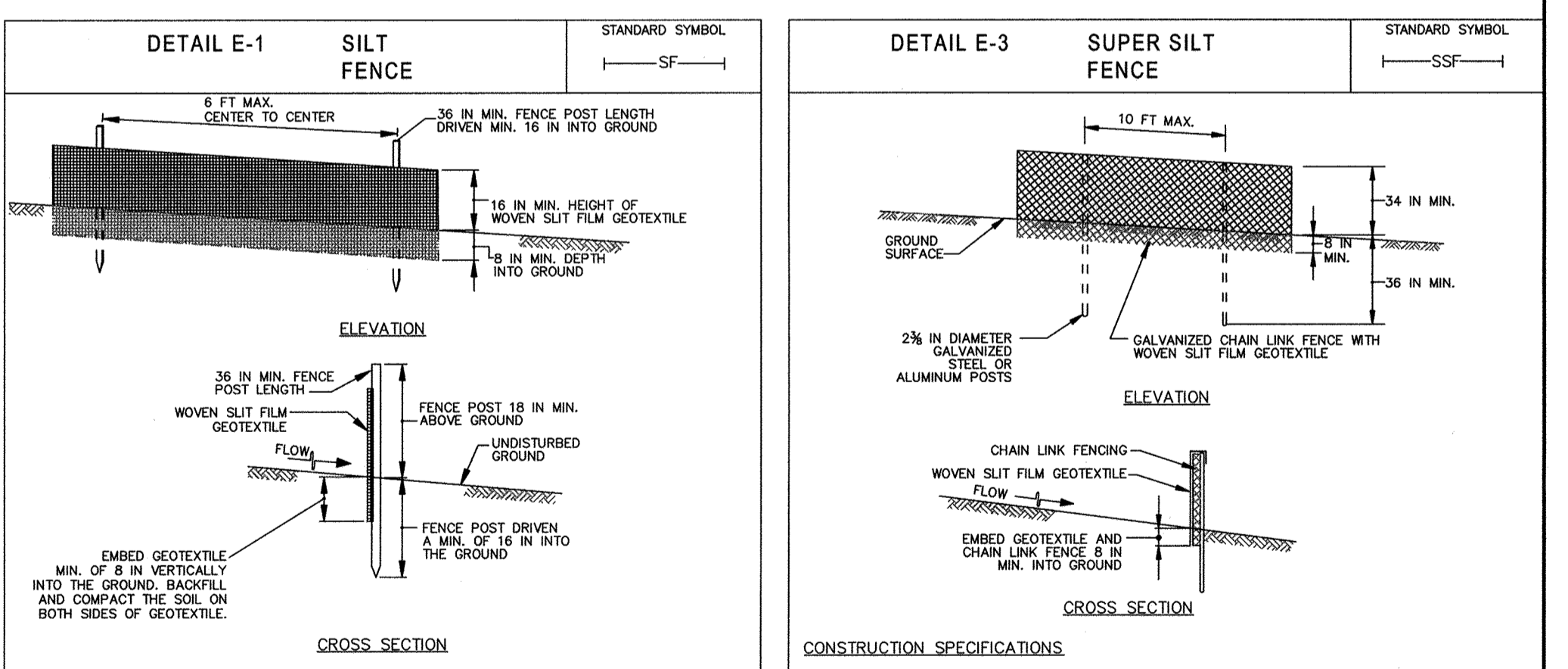
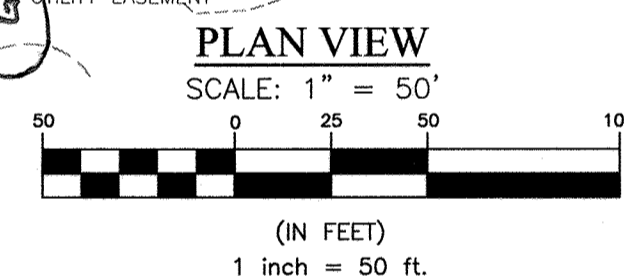
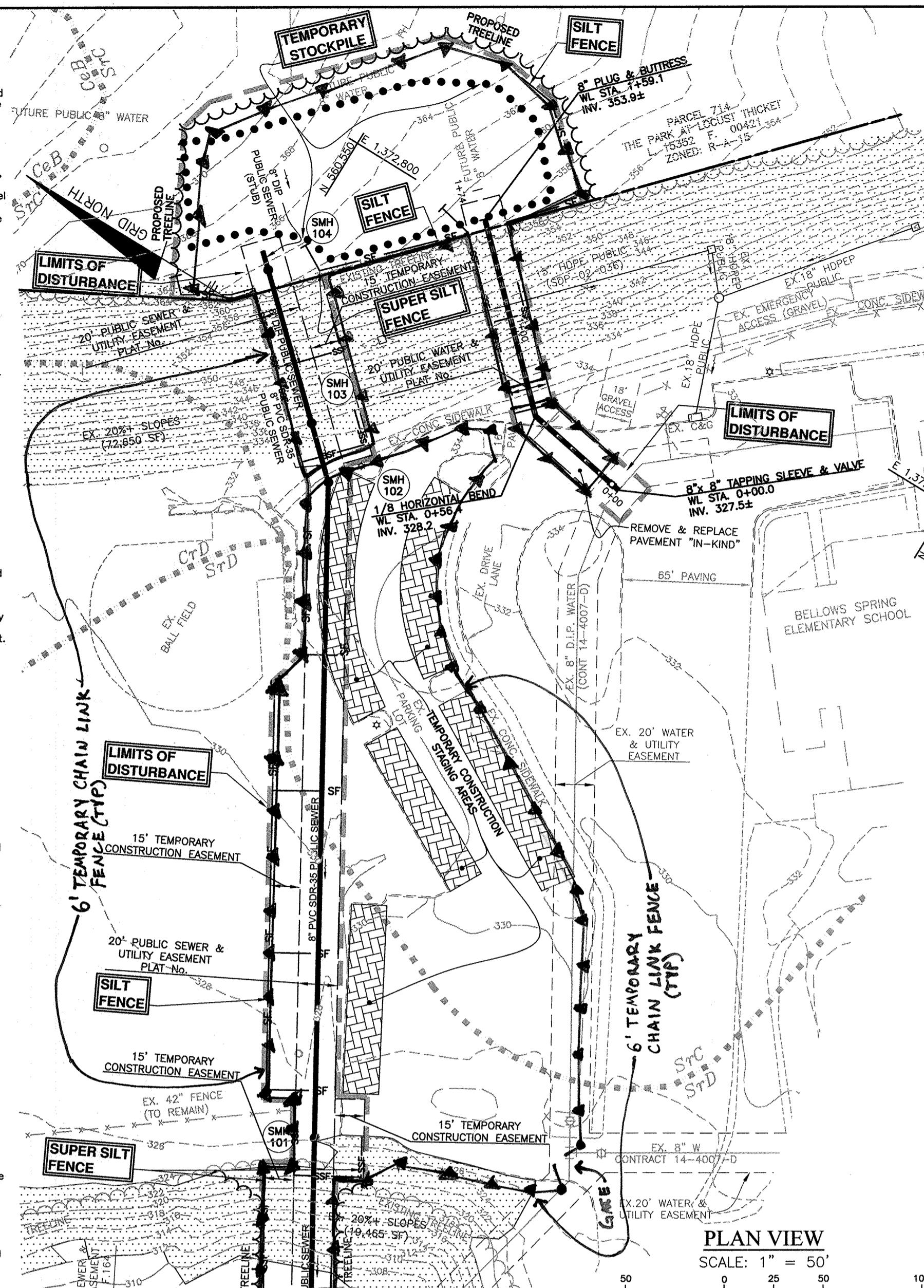
6-20-17

HOWARD SOIL CONSERVATION DISTRICT (HSCD) STANDARD SEDIMENT CONTROL NOTES

- A pre-construction meeting must occur with the Howard County Department of Public Works, Construction Inspection Division (CID), 410-3133-1855 after the future LOD and protected areas are marked clearly in the field. A minimum of 48 hours notice to CID must be given at the following times:
 - Prior to the start of earth disturbance.
 - Prior to the start of another phase of construction or opening of another grading unit, before completion of the installation of perimeter erosion and sediment controls, and
 - Prior to the removal or modification of sediment control practices.
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - Following initial soil disturbance or re-disturbance, permanent or temporary stabilization is required within three (3) calendar days as to the surface of all perimeter controls, ditches, swales, ditches, perimeter slopes, and all slopes steeper than 3 horizontal to 1 vertical (3:1); and seven (7) calendar days as to all other disturbed areas on the project site except for those areas under active grading.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for topsoil (Sec. B-4-2), permanent seeding (Sec. B-4-3), temporary seeding (Sec. B-4-4) and mulch (Sec. B-4-5). Temporary stabilization with mulch alone can only be applied between the fall and spring seeding dates if the ground is frozen. Incremental stabilization (Sec. B-4-1) specifications shall be enforced in areas with 2:1 cut and/or fill. Stockpiles (Sec. B-4-8) in excess of 20 feet must be bench with a minimum of 1:1 slope, a 2-foot wide, step slope, and highly erodible areas shall receive soil stabilization matting (Sec. B-4-6).
- All sediment control structures are to remain in place, and are to be maintained in operative condition until permission for their removal has been obtained from the CID.
- Site Analysis:

Total Area of Site:	0.99 Acres (LOD)
Area Disturbed:	0.99 Acres
Area to be roofed or paved:	0.00 Acres
Area to be vegetatively stabilized:	0.90 Acres
Total cut:	166 * Cu Yds
Total fill:	160 * Cu Yds

 Off-site waste/borrow area location: SITE WITH AN ACTIVE GRADING PERMIT
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 - Additional sediment control must be provided, if deemed necessary by the CID. The site and all controls shall be inspected by the contractor weekly, and the next day after each rain event. A written report by the contractor, made available upon request, is part of every inspection and should include:
 - Inspection date
 - Inspection type (routine, pre-storm event, during rain event)
 - Name and title of inspector
 - Weather information (current conditions as well as time and amount of last recorded precipitation)
 - Evidence of sediment disturbance (e.g. percent complete) and/or current activities
 - Identification of plan deficiencies
 - Identification of sediment controls that require maintenance
 - Identification of missing or improperly installed sediment controls
 - Completion status regarding the sequence of construction and stabilization requirements
 - Photographs
 - Monitoring/sampling
 - Maintenance and/or corrective action performed
 - Other inspection items as required by the General Permit for Stormwater Associated with Construction Activities (NPDES, MDE).
- Trenches for the construction of utilities is limited to three pipe lengths or that which can and shall be back filled and stabilized by the end of each work day, whichever is shorter.
- Any major changes or revisions to the plan or sequence of construction must be reviewed and approved by the HSCD prior to proceeding with construction. Minor revisions may be allowed by the CID per the list of HSCD-approved field changes.
 - Disturbance shall not occur outside the L.O.D. A project is to be sequenced so that grading activities begin on one portion (maximum acreage of 20 ac. per grading unit) at a time. Work may proceed to a subsequent grading unit when at least 50 percent of the disturbed area in the preceding grading unit has been stabilized and approved by the CID. Unless otherwise specified and approved by the CID, no more than one grading unit may be disturbed at a given time.
 - Wash water from any equipment, vehicles, wheels, pavement, and other sources must be treated in a sediment basin or other approved structure.
 - Topsoil shall be stockpiled and preserved on-site for redistribution onto final grade.
 - All silt fence and super silt fence shall be placed on the contour, and be lubricated at 25' minimum intervals, with lower ends buried up to 2' in elevation.
 - Stream channels must not be disturbed during the following restricted time periods (inclusive):
 - Use I and IP March 1 - June 15
 - Use II and III April 1 - April 30
 - Use IV March 1 - May 31
 - A copy of this plan, the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, and associated permits shall be on-site and available when the site is active.



For establishment in high quality, intensively managed turf area, mixture includes Certified Kentucky Bluegrass Cultivars 30 to 40 percent and Certified Fine Fescue and 60 to 70 percent. Seeding Rate: 1 1/2 to 3 pounds per 1000 square feet.

B-4-3 SEEDING AND MULCHING
 Definition: To stabilize disturbed soils with permanent vegetation.
 Purpose: To stabilize disturbed soils with permanent vegetation.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-4 STANDARDS AND SPECIFICATIONS FOR TEMPORARY STABILIZATION
 Definition: To stabilize disturbed soils with vegetation for up to 6 months.
 Purpose: To stabilize disturbed soils with vegetation for up to 6 months.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

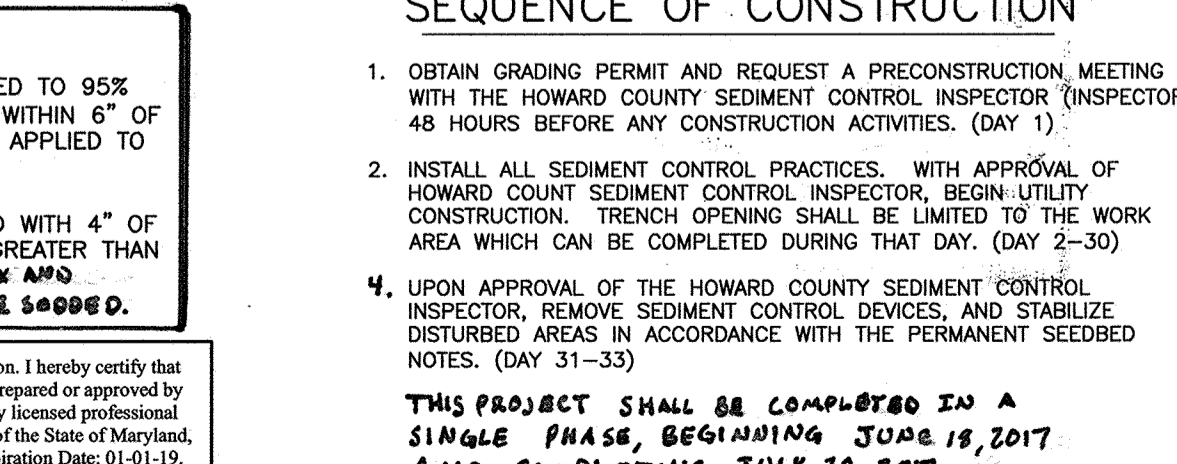
B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION
 Definition: To stabilize disturbed soils with permanent vegetation.
 Purpose: To stabilize disturbed soils with permanent vegetation.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-6 STOCKPILE AREA
 Definition: To stabilize disturbed soils with vegetation for up to 6 months.
 Purpose: To stabilize disturbed soils with vegetation for up to 6 months.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-7 DUST CONTROL
 Definition: To stabilize disturbed soils with permanent vegetation.
 Purpose: To stabilize disturbed soils with permanent vegetation.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-8 STOCKPILE AREA
 Definition: To stabilize disturbed soils with permanent vegetation.
 Purpose: To stabilize disturbed soils with permanent vegetation.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

SEED MIX SPECIES	SEED MIX PERCENTAGES	SEED MIX RATE Lb/A	SEED MIX RATE Lb/1,000 SQ FT	RECOMMENDED SEEDING DATES
TALL FESCUE	80-95%	135 LB	3.1	3/15-10/1
GERBERA LESPEDeza	15-20%	135 LB	3.1	



AS-BUILT
 This project shall be completed in a single phase, beginning June 18, 2017 and completing July 20, 2017.

B-4 STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION
 Definition: Using vegetation to stabilize exposed soil from erosion.
 Purpose: To stabilize exposed soil from erosion.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-1 STANDARDS AND SPECIFICATIONS FOR INCREMENTAL STABILIZATION
 Definition: Establishment of vegetative cover on cut and fill slopes.
 Purpose: To provide timely vegetative cover on cut and fill slopes as work progresses.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-2 STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS
 Definition: The process of preparing the soils to sustain adequate vegetative stabilization.
 Purpose: To provide a suitable soil medium for vegetative growth.
 Conditions Where Practice Applies: Where vegetative stabilization is to be established.

B-4-3 SEEDING AND MULCHING
 Definition: To stabilize disturbed soils with permanent vegetation.
 Purpose: To stabilize disturbed soils with permanent vegetation.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-4 STANDARDS AND SPECIFICATIONS FOR TEMPORARY STABILIZATION
 Definition: To stabilize disturbed soils with vegetation for up to 6 months.
 Purpose: To stabilize disturbed soils with vegetation for up to 6 months.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION
 Definition: To stabilize disturbed soils with permanent vegetation.
 Purpose: To stabilize disturbed soils with permanent vegetation.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-6 STOCKPILE AREA
 Definition: To stabilize disturbed soils with permanent vegetation.
 Purpose: To stabilize disturbed soils with permanent vegetation.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-7 DUST CONTROL
 Definition: To stabilize disturbed soils with permanent vegetation.
 Purpose: To stabilize disturbed soils with permanent vegetation.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

B-4-8 STOCKPILE AREA
 Definition: To stabilize disturbed soils with permanent vegetation.
 Purpose: To stabilize disturbed soils with permanent vegetation.
 Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not originally specified.

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

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND

BENCHMARK ENGINEERS & LAND SURVEYORS & PLANNERS
 ENGINEERS A LICENSED PROFESSIONAL ENGINEERING, INC.