

# SITE DEVELOPMENT PLAN TALBOT'S LAST SHIFT LOT 2C

## SEQUENCE OF CONSTRUCTION :

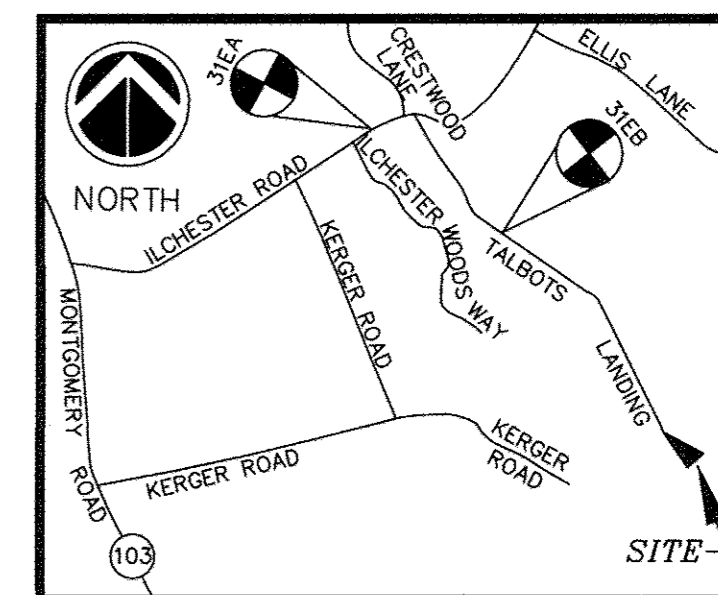
1. REQUEST FOR PRE-CONSTRUCTION MEETING WITH THE APPROPRIATE ENFORCEMENT AUTHORITY.
2. CLEARING AND GRUBBING AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
3. CONSTRUCTION AND STABILIZATION OF PERIMETER CONTROLS.
4. REMAINING CLEARING AND GRUBBING WITHIN INSTALLED PERIMETER CONTROLS.
5. DRIVEWAY GRADING.
6. GRADING FOR THE REMAINDER OF THE SITE.
7. UTILITY INSTALLATION AND CONNECTIONS TO EXISTING STRUCTURES.
8. CONSTRUCTION OF BUILDING, ROADS, AND OTHER CONSTRUCTION.
9. FINAL GRADING, LANDSCAPING, AND STABILIZATION.
10. INSTALLATION OF STORMWATER MANAGEMENT MEASURES.
11. APPROVAL OF THE APPROPRIATE ENFORCEMENT AUTHORITY PRIOR TO REMOVAL OF SEDIMENT CONTROLS.
12. REMOVAL OF CONTROLS AND STABILIZATION OF AREAS THAT ARE DISTURBED BY REMOVAL OF SEDIMENT CONTROLS.

NOTE: ANY CHANGES OR REVISIONS TO THE SEQUENCE OF CONSTRUCTION MUST BE REVIEWED AND APPROVED BY THE PLAN APPROVAL AUTHORITY PRIOR TO PROCEEDING WITH CONSTRUCTION.

## GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY STANDARDS AND SPECIFICATIONS. ALL WORK AND MATERIALS SHALL COMPLY WITH O.S.H.A. STANDARDS.
2. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
3. THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS:
 

MISS UTILITY:	1-800-257-7777
VERIZON:	1-800-743-0033
BUREAU OF UTILITIES:	410-313-4900
A&T:	1-800-252-1133
B.G.&E. (EMERGENCY):	410-685-0123
B.G.&E. (CONSTRUCTION SERVICES):	410-637-8713
STATE HIGHWAY ADMINISTRATION:	410-531-5533
COLONIAL PIPELINE CO.:	410-795-1390
4. SITE ANALYSIS:
  - TOTAL PROJECT AREA: 1.17 AC. (WITHOUT THE PAN HANDLE)
  - PRESENT ZONING: R-20
  - USE OF STRUCTURE: RESIDENTIAL
  - BUILDING COVERAGE: 2,524 SF. (0.06 AC)
  - PAVED AREA ON SITE: 3,657 SF. (0.08 AC.)
  - LIMIT OF DISTURBED AREA: 0.44 AC
  - CUT: 200 CY FILL: 50 CY
5. PROJECT BACKGROUND:
  - LOCATION: TAX MAP 31, BLOCK 22, PARCEL 668
  - DEED REFERENCES: L. 10746 / F. 191
6. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
7. ANY DAMAGE TO PUBLIC RIGHT-OF-WAY, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
8. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY, PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.



VICINITY MAP  
SCALE: 1" = 2000'  
ADC MAP COORDINATES: 17-A/5

## GENERAL NOTES CONTINUED:

9. EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND SEWER EXTENSION PLANS AND AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
10. TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
11. ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.
12. SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED ON SOIL TEST PRIOR TO CONSTRUCTION.
13. COORDINATES SHOWN HEREON ARE BASED ON NAD '83, MARYLAND COORDINATE SYSTEM, AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 31EA AND 31EB.
14. THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED ON OR ABOUT MARCH OF 2017 BY NJR & ASSOC., LLC. THE AREA DISTURBED FOR THE W/C LOCATED NEAR THE RIP-RAP CHANNEL MUST BE STABILIZED AT THE SAME DAY OF COMMENCEMENT OF CONSTRUCTION FOR THAT AREA.
15. THERE IS 100 YEAR FLOODPLAIN WITHIN THE LIMITS OF THE SITE.
16. PUBLIC WATER AVAILABLE THROUGH CONTRACT NO. 44-3727-D.
17. PUBLIC SEWER AVAILABLE THROUGH CONTRACT NO. 10-3697.
18. THE SUBJECT PROPERTY IS ZONED (R-20) PER THE 02-02-2004 COMPREHENSIVE ZONING PLAN AND THE COMP LITE ZONING REGULATION AMENDMENTS EFFECTIVE ON 07/28/06.
19. A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
20. ALL REINFORCED CONCRETE FOR STORM DRAIN STRUCTURES SHALL HAVE A MINIMUM OF 28 DAYS STRENGTH OF 3500 P.S.I.
21. ALL STORM DRAIN PIPE BEDDING IS TO BE CLASS 'C', AS REQUIRED BY ASHTO-180.
22. ALL BUILDINGS TO HAVE ROOF LEADERS WHICH EMPTY INTO STORM DRAIN SYSTEM.
23. ANY EXISTING STREET TREES DAMAGED OR DESTROYED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR.
24. LANDSCAPING IS NOT REQUIRED FOR THIS SITE SINCE THIS IS AN EXISTING INTERNAL LOT OF "TALBOT'S LAST SHIFT" THAT IS NOT BEING FURTHER SUBDIVIDED.
25. FOREST CONSERVATION IS NOT REQUIRED FOR THIS SITE. THE FOREST CLEARING IS LESS THAN 20,000 SF.
26. NO RARE, THREATENED OR ENDANGERED SPECIES WERE OBSERVED ON THE PROPERTY.
27. THIS PROJECT IS SUBJECT TO COMPLIANCE WITH THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. DEVELOPMENT OR CONSTRUCTION ON THIS PROPERTY MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION OR BUILDING/GRADING PERMIT APPLICATIONS.
28. TALBOT'S LANDING IS NOT A SCENIC ROAD.
29. TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO CEMETERIES OR GRAVE SITES LOCATED ON THE SUBJECT PROPERTY.
30. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLANDS, STREAMS) OR THEIR BUFFERS, FOREST CONSERVATION AREAS AND 100 YEAR FLOODPLAIN.
31. STORM WATER MANAGEMENT TO BE PROVIDED FOR THIS DEVELOPMENT BY ENVIRONMENTAL SITE DESIGN UTILIZING THREE RAIN GARDENS.
32. THIS SITE IS NOT LOCATED IN A HISTORIC DISTRICT, NOR ARE THERE ANY HISTORIC STRUCTURES ON SITE.
33. STOODPLING WILL BE PERMITTED ON SITE.
34. THERE ARE STEEP SLOPES LOCATED ON SITE.
35. DRIVERSWAY SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
  - A) WIDTH - 12 FEET (16 FEET IF SERVING MORE THAN ONE RESIDENCE)
  - B) SURFACE - 6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN.)
  - C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE, AND STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
  - D) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD EVENTS WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE
  - E) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE
36. THE ENVIRONMENTAL SITE DESIGN FACILITIES ON THIS LOT ARE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNER.
37. CONTRACTOR TO MAINTAIN POSITIVE SLOPE AWAY FROM THE FOUNDATION OF THE HOUSE.
38. FOR DRIVEWAY ENTRANCE DETAILS REFER TO HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD DETAIL R-6.06.
39. THE SIMPLIFIED ECP FOR THIS SITE WAS APPROVED ON AUGUST 4, 2017.

HOUSE ELEVATION  
NO SCALE

## LEGEND

- EX. SIGN
- EX. SEPTIC FACILITY COVER
- EX. EVERGREEN TREE
- EX. DECIDUOUS TREE
- PROP. SPOT ELEVATION
- EX. CONTOUR
- PROP. CONTOUR
- EX. EDGE WOODED AREA
- PROP. EDGE WOODED AREA
- PROP. LIMIT OF DISTURBANCE
- EXISTING STEEP SLOPES (25% OR GREATER)

## SITE ANALYSIS DATA CHART

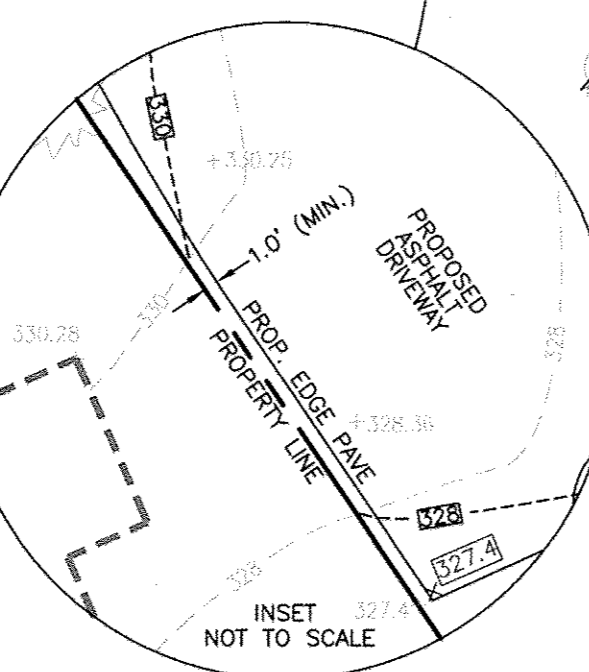
LOCATION: TAX MAP 31, GRID 22, PARCEL 668	
EXISTING ZONING: 1ST ELECTION DISTRICT R-20	
GROSS PARCEL AREA	= 1.17 ACRES
NET AREA (EXCLUDING PANHANDLE)	= 1.101 ACRES (47,940 SF.)
TOTAL IMPERVIOUS AREA PROPOSED	= 0.142 ACRES (6,181 SF.)
SITE AREA WITHIN WETLAND	= 0 ACRES
SITE AREA WITHIN 25' WETLAND BUFFER	= 0 ACRES
SITE AREA OF ERODIBLE SOILS	= 0 ACRES
SITE AREA WITHIN 100-YR FLOODPLAIN	= 0.334 ACRES
SITE AREA WITHIN STEEP SLOPES	= 0.165 ACRES
PROP. DISTURBED WITHIN STEEP SLOPES	= 0.009 ACRES
SITE TOTAL WOODED AREA	= 0.88 ACRE
PROP. WOODED AREA TO BE CLEARED	= 0.33 ACRE

LOT 2D  
RUSSELL & HEATHER POETKER  
L.10740, F.82  
PARCEL-668  
ZONING: R-20

LOT 2C  
L.17603, F.160  
TAX MAP 31  
PARCEL 668  
GRID 22  
1.17 AC.±

LOT 2B  
GLENN & PATRICIA LIVINGSTON  
L.14255, F.86  
PARCEL-668  
ZONING: R-20

ROCKBURN RUN PARK  
PARCEL 235  
HOWARD COUNTY, MD  
L.735, F.505  
ZONING: R-20



## STORMWATER MANAGEMENT SUMMARY

Total ESDv provided:	
Rain Garden #1	736 cf
Rain Garden #2	588 cf
Sheet flow to conservation area	54 cf
	1,178 cf
ESDv requiring treatment = 864 cf.	
ESDv provided is more than required. Therefore, OK.	

## OPERATION AND MAINTENANCE SCHEDULE FOR RAIN GARDENS (M-7) & GRASS SWALE (M-8)

1. The Owner shall maintain the plant material, mulch layer and soil layer annually. Maintenance of mulch and soil is limited to correcting areas of erosion or wash out. Any mulch replacement shall be done in the spring. Plant material shall be checked for disease and insect infestation and maintenance will address dead material and pruning. Acceptable replacement plant material is limited to the following: 2000 Maryland Stormwater Design Manual Volume II, Table A.4.1 and 2.
2. The Owner shall perform a plant in the spring and in the fall of each year. During the inspection, the Owner shall remove dead and diseased vegetation considered beyond treatment, replace dead plant material with acceptable replacement plant material, treat diseased trees and shrubs, and replace all deficient stakes and wires.
3. The Owner shall inspect the mulch each spring. The mulch shall be replaced every two to three years. The previous mulch layer shall be removed before the new layer is applied.
4. The Owner shall correct soil erosion on an as needed basis, with a minimum of once per month and after each heavy storm.

### RAIN GARDEN ELEVATION CHART

NUMBER	ELEVATION - A	ELEVATION - C	ELEVATION - F
1	326.0	325.0	321.0
2	326.5	325.5	321.5

NOTE: THERE SHALL BE A 10" THICK GRAVEL LAYER UNDERNEATH OF ALL RAINGARDEN UNDERDRAINS.

### PLANTING SCHEDULE - RAIN GARDENS

BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	REMARKS
SHRUB ILEX GABRA	INKBERRY	CONTAINER	12"	PLANT 3' APART
SHRUB HAMAMELUS VIRGINIANA	WITCH HAZEL	CONTAINER	12"-24"	PLANT 3' APART
PERENNIAL IRIS VERSICOLOR	BLUE FLAG	SEEDLINGS		PLANT 15" APART, TRIANGULAR GRID
PERENNIAL GERANIUM MACULATUM	CRANESBILL	SEEDLINGS		PLANT 15" APART, TRIANGULAR GRID
PERENNIAL SOLIDAGO SPHACELATA	GOLDEN FLEECE	SEEDLINGS		PLANT 15" APART, TRIANGULAR GRID

### SOIL TABLE

SYMBOL	NAME/DESCRIPTION	TYPE	HYDRIC
JobB	JACKLAND SILT LOAM, 3 to 8% slopes	D	No
LfD	LEGORE-RELAY GRAVELLY LOAMS, 3 to 8% slopes	C	No

### SHEET INDEX

DESCRIPTION	SHEET No.
SITE LAYOUT, GRADING & SOIL EROSION AND SEDIMENT CONTROL PLAN	1 OF 3
SITE DETAILS AND NOTES	2 OF 3
WATER AND SANITARY SEWER PROFILES + DRAINAGE AREA MAP	3 OF 3

### ENGINEERS CERTIFICATE

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

M.N. ROSHAN, L.S.      MAR. 31, 2018  
DATE

### DEVELOPER'S CERTIFICATE

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

4/17/2018  
DATE

(OWNER)  
JEFFERY & MELISSA DEANER  
2003 HICKORY HILL LANE  
SILVER SPRING, MD 20906

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

4/9/18  
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
CHIEF, DEVELOPMENT ENGINEERING DIVISION      5-18-18  
DATE

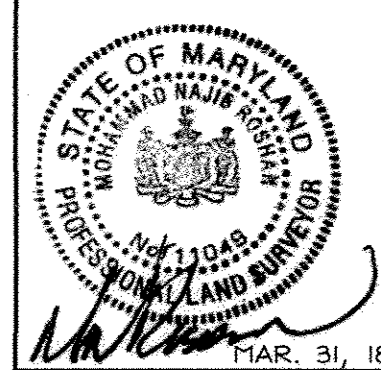
5-21-18  
DATE

5-21-18  
DATE

PLAN PREPARED BY:  
**NJR & ASSOCIATES**  
 Land Surveying and Planning  
 2770 STATE ROUTE 38, # 21794  
 GREENBELT, MD 21040  
 TEL: (240) 506-5600

### REVISIONS

1-	REVISED PER COMMENTS,
JAN. 31, 2018.	
2-	REVISED PER COMMENTS,
MAR. 9, 2018.	
3-	REVISED STABILZ/SEEDING
NOTES, MAR. 31, 2018.	

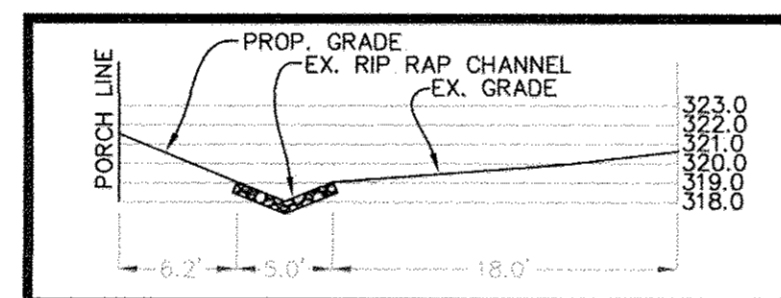
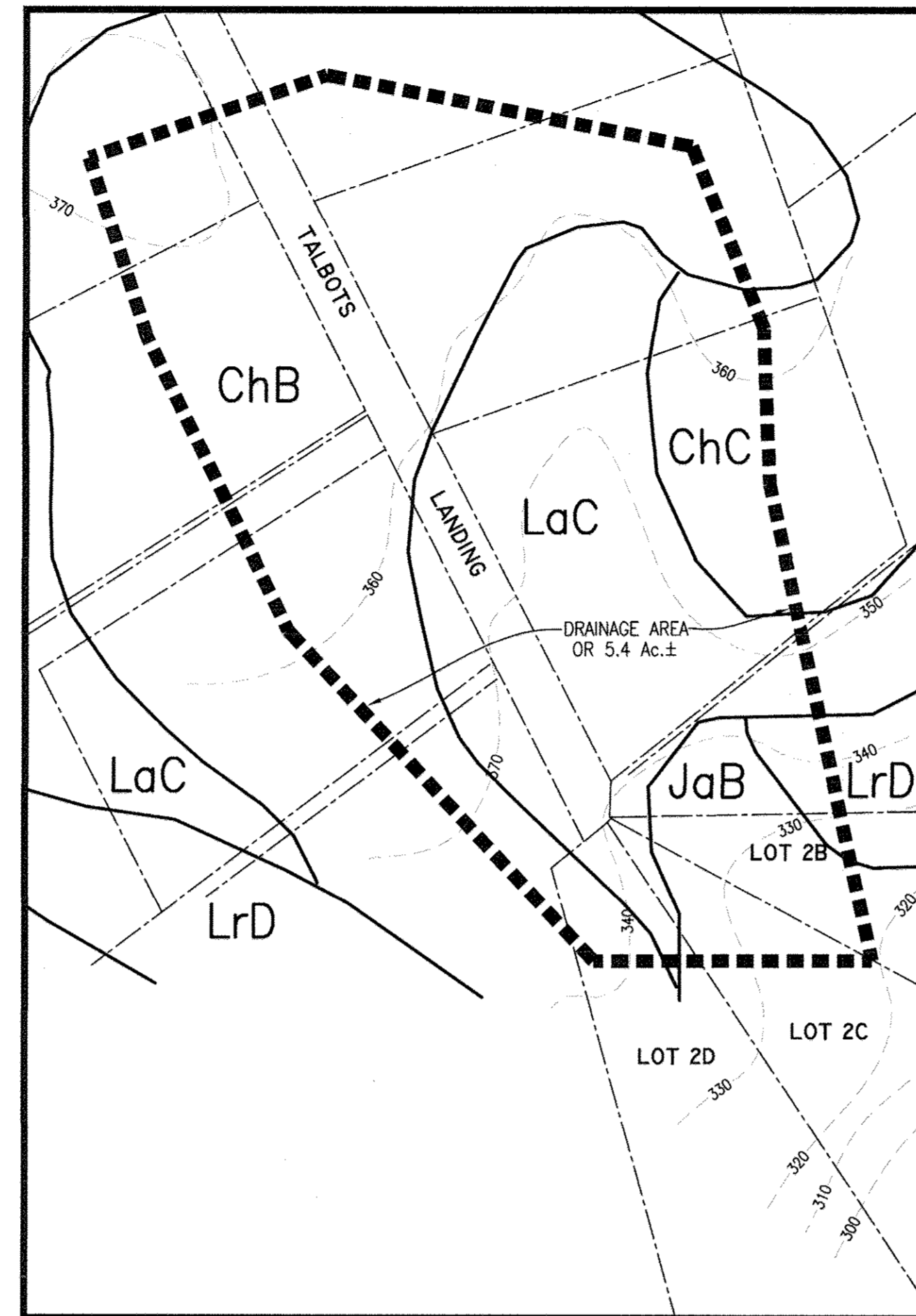
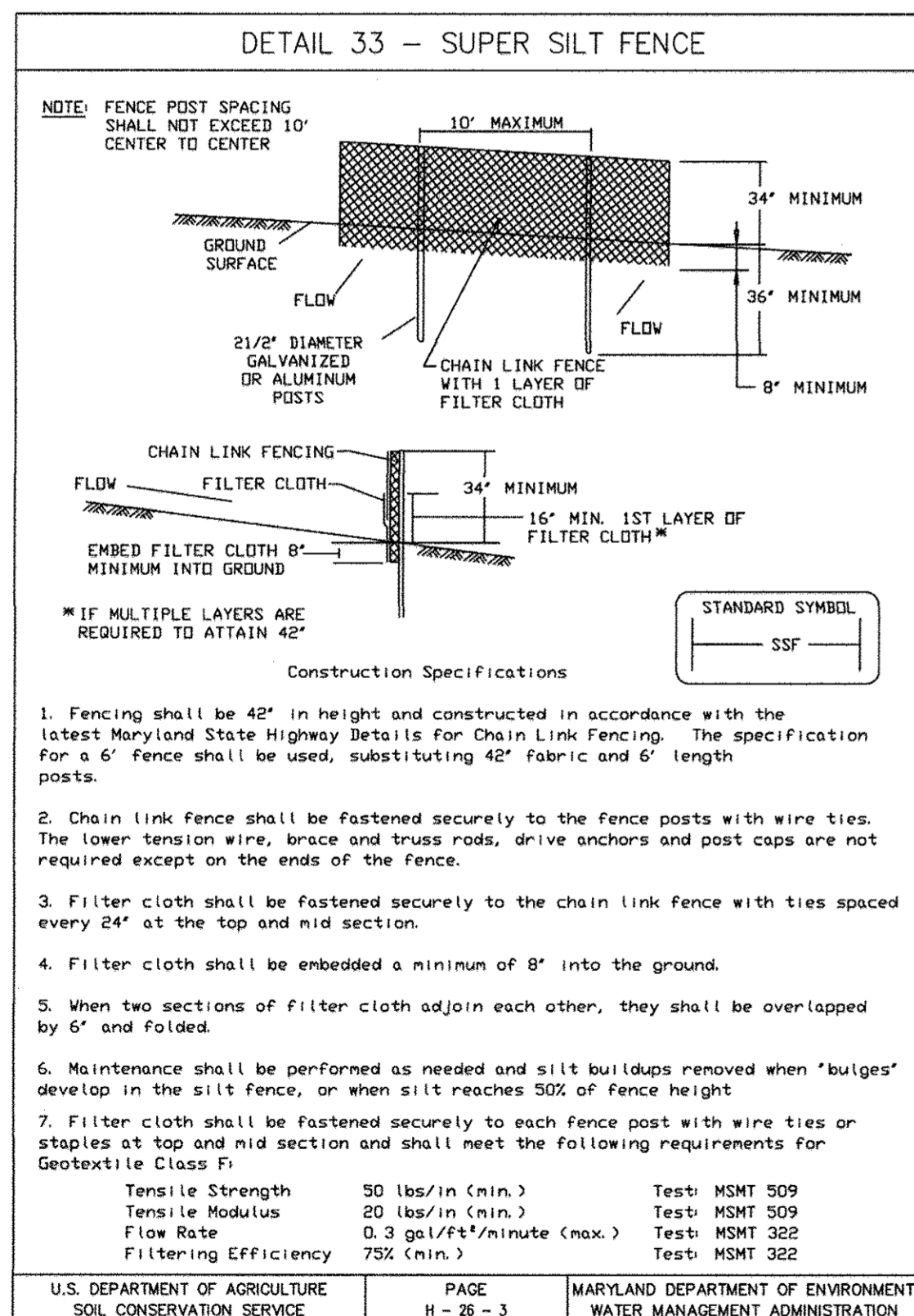
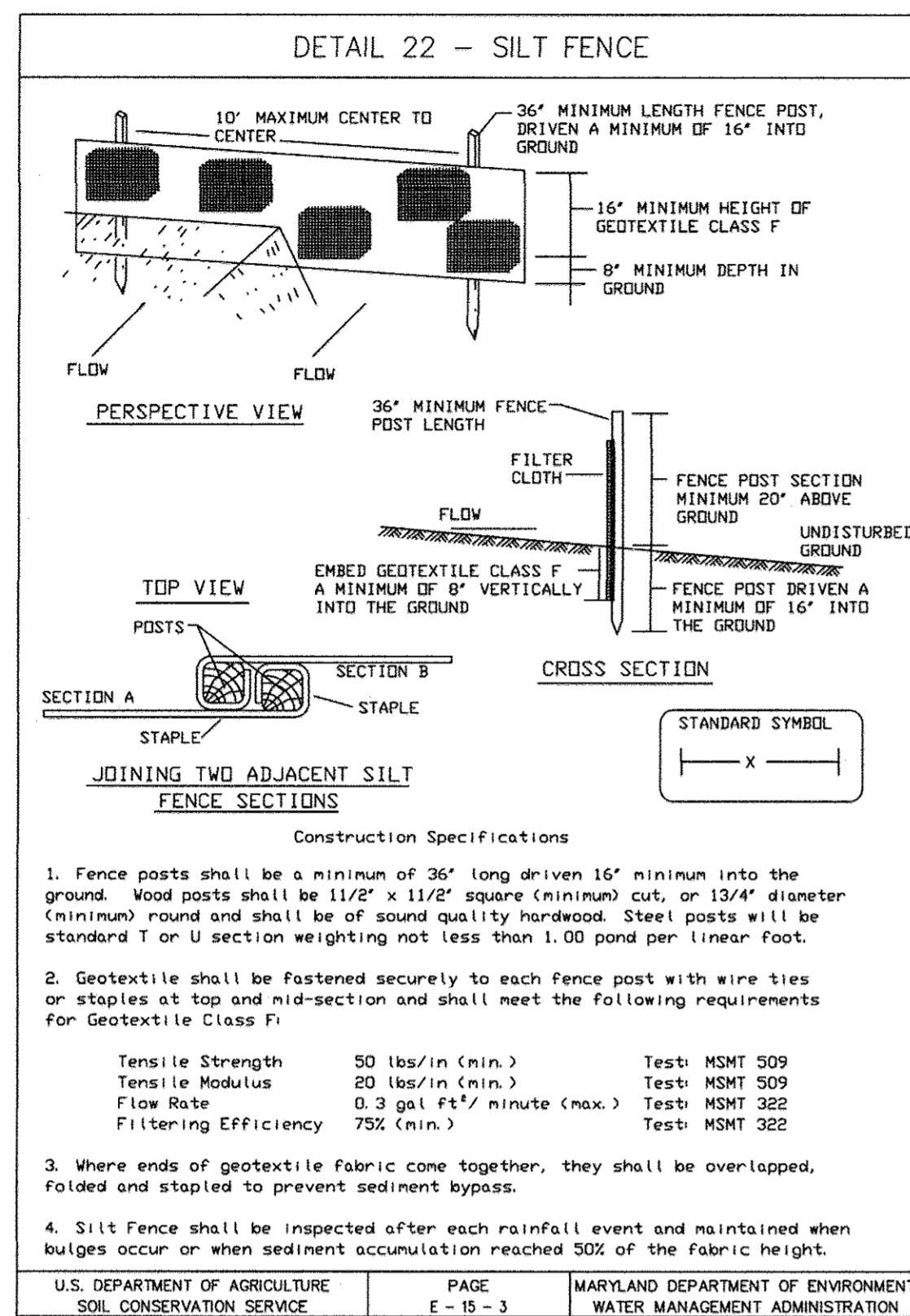


DATE: MAR. 5, 2017  
JOB NUMBER: 3386  
FILE NUMBER: 3386SITE  
PLOTTED: MAR. 31, 2018  
DRAWN BY: NR

### SITE AND GRADING PLAN

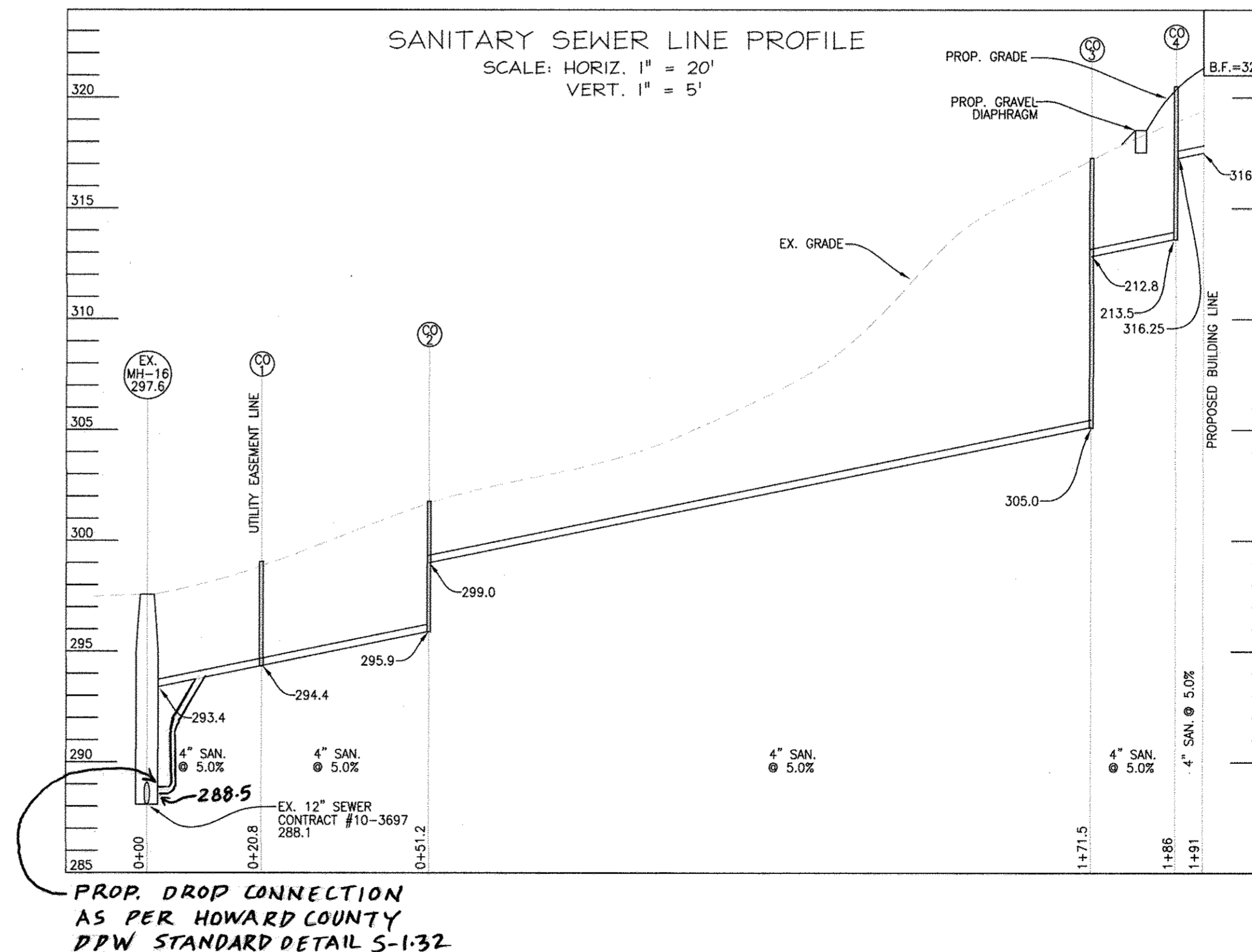
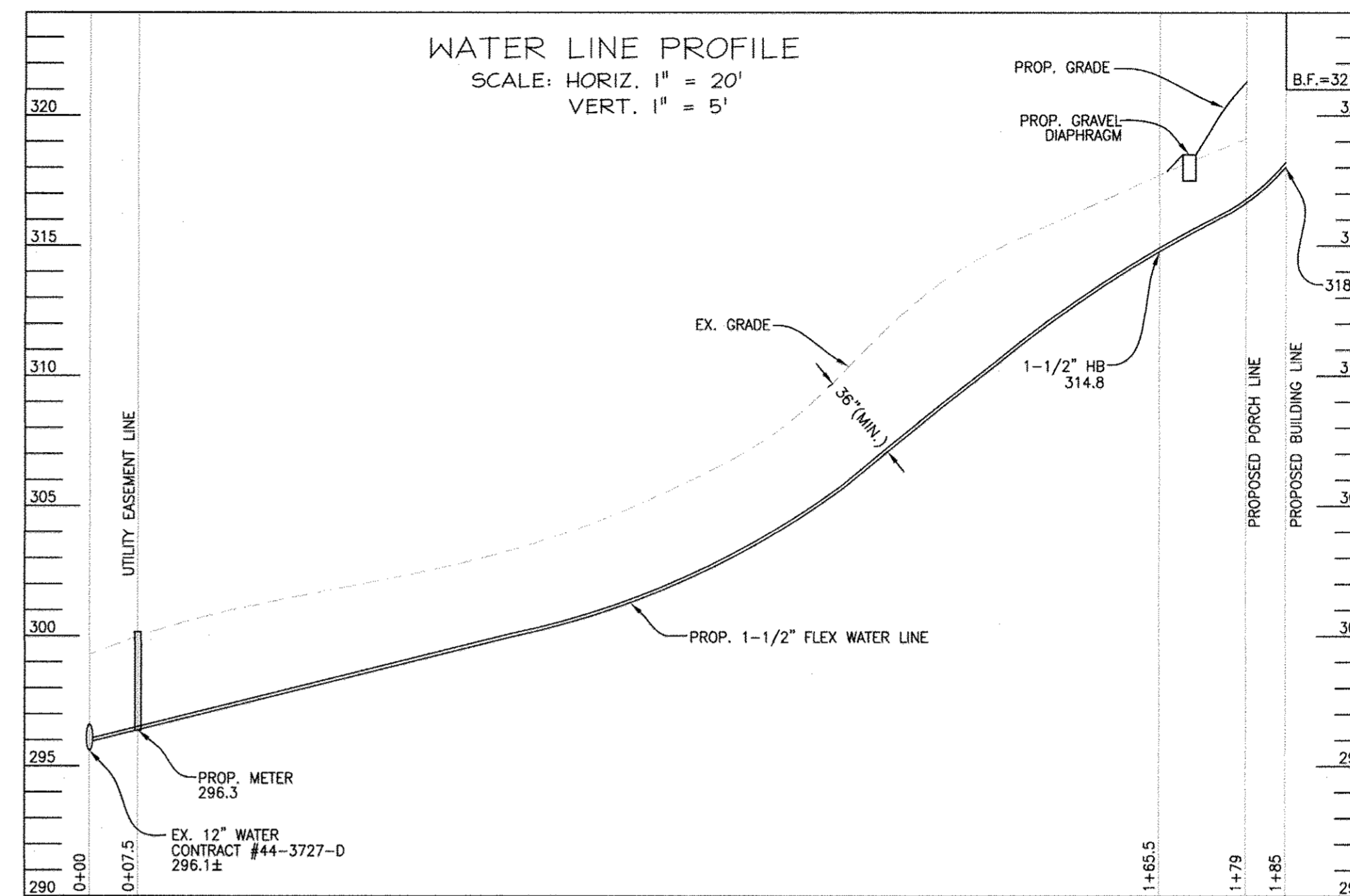
SHEET 1 OF 3





### CHANNEL CROSS SECTION ANALYSIS

DRAINAGE AREA = 5.4 Ac.  
 TIME OF CONCENTRATION (T<sub>c</sub>) = 5 Min. (Conservative)  
 L<sub>10</sub> = 8.5' / 24 Hr.  
 L<sub>100</sub> = 12.75' / 24 Hr.  
 S<sup>1/2</sup> = SLOPE AT POINT OF STUDY = 0.091'  
 COMPOSITE "C" FACTOR = 0.31  
 Q = C x L x A  
 Q<sub>10</sub> = 0.31 x 8.5 x 5.4 = 14.23 cfs.  
 Q<sub>100</sub> = 0.31 x 12.75 x 5.4 = 21.34 cfs.  
 n (Channel) = 0.04  
 V =  $\frac{1.486}{n} \times R^{2/3} \times S^{0.5}$   
 d = 1.3'  
 A = 4.4 sf.  
 P = 8.9'  
 R =  $\frac{4.4}{8.9} = 0.44$   
 V<sub>100</sub> =  $\frac{1.486}{0.04} \times 0.44 \times (0.09)^{0.5} = 4.9$  sf/s  
 Q = 4.9 sf/s x 4.4 sf = 21.56 cfs > Q<sub>100</sub> = 21.34 cfs OKAY.



#### PLANTING NOTES:

- Plant a mix of shrubs and perennials.
  - Reference standards: comply with those listed below.
    - Nomenclature for plant materials shall be in accordance with Hortus III, by the staff of L.H. Bailey Hortorium. (ANLA).
    - American Standard for Nursery Stock, ANSI Z60.1, latest edition, American Nursery and Landscape Association.
  - Landscape Specification Guidelines, latest edition, Landscape Contractors Association.
- proceed with planting only when existing and forecast weather conditions are suitable for work; perform actual planting when ground is workable, i.e., moist, not wet or frozen.

(OWNER)  
 JEFFERY & MELISSA DEANER  
 2003 HICKORY HILL LANE  
 SILVER SPRING, MD 20906

(DEVELOPER)  
 CARUSO HOMES  
 2120 BALDWIN AVENUE,  
 Ste 200  
 CROFTON, MD 21114  
 (301) 261-0277

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

*John R. Blunt* 4/14/18  
 HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Chad...* 5-18-18  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION NY DATE

*Kurt...* 5-21-18  
 CHIEF, DIVISION OF LAND DEVELOPMENT NY DATE

*Val...* 5-21-18  
 DIRECTOR DATE

ENGINEERS CERTIFICATE

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

*M.N. Roshan* MAR. 31, 2018  
 M.N. ROSHAN, L.S. DATE

DEVELOPER'S CERTIFICATE

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

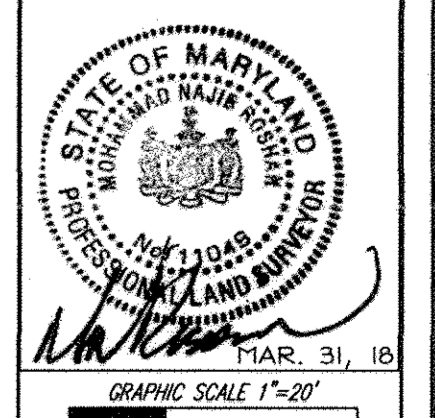
*[Signature]* 4/17/2018  
 SIGNATURE OF DEVELOPER DATE

TALBOT'S LAST SHIFT  
 LOT 2C  
 LIBER 17603 FOLIO 160  
 5305 TALBOTS LANDING  
 TAX MAP 31, GRID 22, PARCEL 668  
 1ST ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

PLAN PREPARED BY:  
 NJR & ASSOCIATES  
 Land Surveying and Planning  
 9770 STATE ROUTE 39  
 WEST FRIENDSHIP, MD 21794  
 TEL: (240) 508-3800

REVISIONS

- 1- REVISED PER COMMENTS, JAN. 31, 2018.
- 2- REVISED PER COMMENTS, MAR. 9, 2018.
- 3- REVISED STABILIZ/SEEDING NOTES, MAR. 31, 2018.



DATE: MAR. 5, 2017  
 JOB NUMBER: 3386  
 FILE NUMBER: 3386SITE  
 PLOTTED: MAR. 31, 2018  
 DRAWN BY: NR  
 WATER AND SANITARY SEWER PROFILE  
 SHEET 3 OF 3