

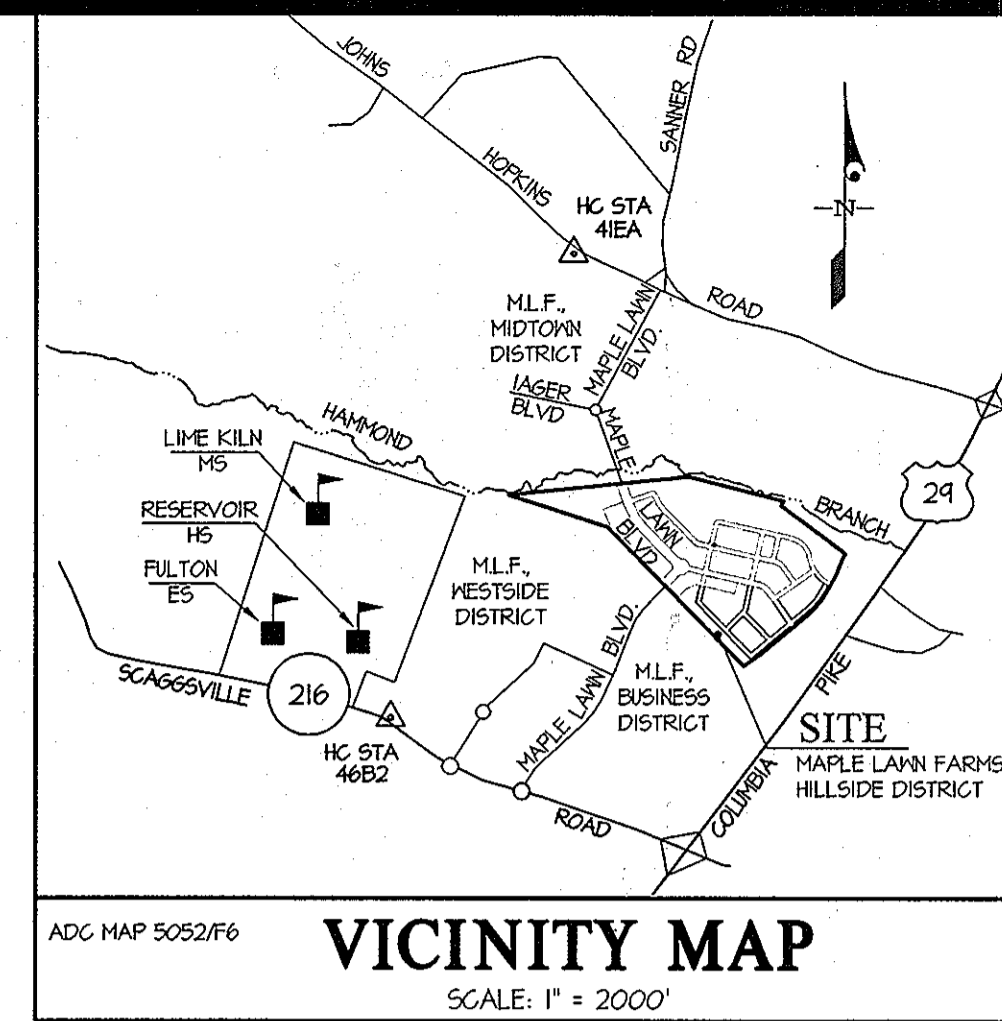
GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MS&A STANDARDS AND SPECIFICATIONS IF APPLICABLE.
2. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS, BUREAU OF ENGINEERING, CONSTRUCTION INSPECTION DIVISION AT (410) 315-1800 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
3. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-251-7111 AT LEAST 48-HOURS PRIOR TO ANY EXCAVATION WORK.
4. PROJECT BACKGROUND: LOCATION: SEE VICINITY MAP IN THE TOP RIGHT CORNER OF THIS SHEET... TAX MAP: 41 ELECTION DISTRICT: 5 ZONING: MXD-3 PER ZB-95M (APPROVED ON 02-09-01), UNDERLYING ZONING IS RR-DEO PER THE 2/02/04 COMPREHENSIVE ZONING PLAN...

SITE DEVELOPMENT PLAN
MAPLE LAWN FARMS

HILLSIDE DISTRICT - AREA 5 PARCELS D-3 & D-4,
OPEN SPACE LOT 510 AND COMMON OPEN SPACE LOT 511
MULTI-FAMILY APARTMENT/CONDOMINIUM DWELLING UNITS

HOWARD COUNTY CONTROL
NAD83 HORIZONTAL DATA &
NVD88 VERTICAL DATA
41EA N 544,825.804
E 1,334,217.444
ELV.=407.055
46B2 N 534,987.1277
E 1,331,218.484
ELV.=414.671

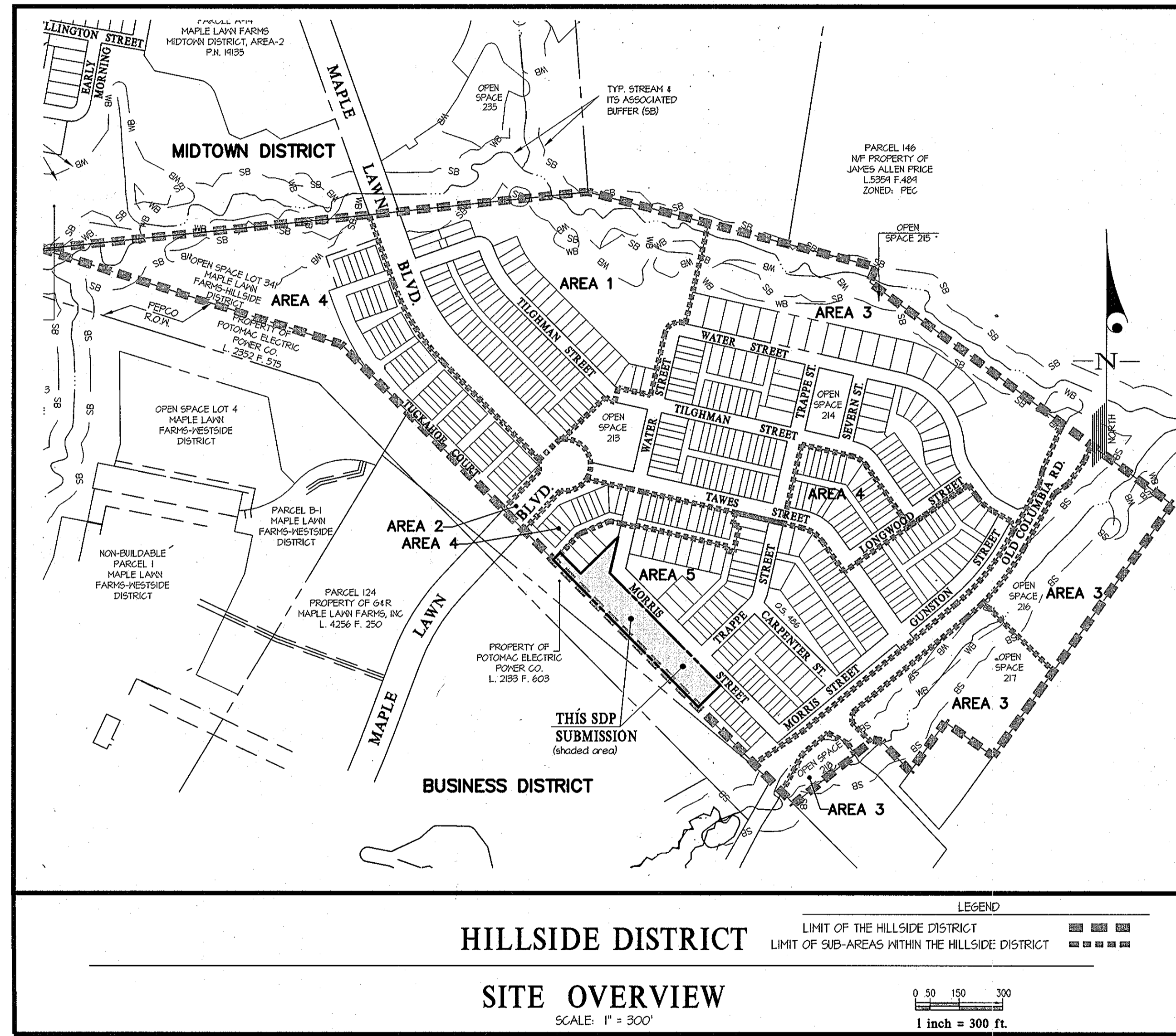


LOT DEVELOPMENT DATA

- 1. GENERAL SITE ANALYSIS DATA
A. PRESENT ZONING: MXD-3 PER ZB-95M AND ZB-103M
B. PROPOSED USE OF SITE: 40 MULTI-FAMILY DWELLING UNITS (APARTMENT)
C. PUBLIC WATER & SEWER TO BE UTILIZED (CONTR. NO. 24-4686-D)
D. PARKING REQUIRED PER DHV III (table 2.11). (1.5 spaces/unit + 0.3 spaces/unit) x 40 units = 60 + 12 = 72 SPACES
PARKING PROVIDED: 40 garage spaces + 40 driveway tandem spaces = 80 SPACES. (SEE NOTE 2) THIS SHEET REGARDING PARKING.
E. RECREATION OPEN SPACE FOR THIS SDP IS ADDRESSED UNDER F-10-161 (SEE OVERALL OPEN SPACE PROVISION CHART ON THIS SHEET).

Table with 4 columns: DEVELOPMENT TYPE, FRONT SETBACK, SIDE SETBACK, MINIMUM REAR SETBACKS. Row 1: APARTMENT, N/A, 10', 10' (ZERO FOR GARAGES), 20' TO PRINCIPAL STRUCTURE, 3' FOR REAR (DETACH/ATTACH) GARAGE OR TO ACCESSORY STRUCTURES.

- 6. FACING ACCESSORY STRUCTURES AND DETACHED GARAGES (ACROSS AN ALLEY/LANE/ROW) SHALL BE 30' APART.
D. EXCEPTIONS TO FRONT SETBACK REQUIREMENTS. SECTION 120.61 APPLIES, EXCEPT FOR THE FOLLOWING:
- PORCHES MAY ENCRoACH INTO THE FRONT YARD TO WITHIN 2' FROM THE PROPERTY LINE OR RIGHT-OF-WAY FOR ALL OTHER RESIDENTIAL LOT TYPES.
- STOOPS AND STEPS MAY ENCRoACH INTO THE FRONT AND SIDE YARDS TO WITHIN 1' FROM THE FRONT PROPERTY LINE FOR ALL OTHER RESIDENTIAL LOT TYPES.
- GARDEN WALLS, FENCES, PIERS, GATES AND SIMILAR ORNAMENTS MAY BE BUILT IN THE FRONT AND SIDE YARDS NOT CLOSER THAN 1' FROM THE FRONT PROPERTY LINE, NOT GREATER THAN 48" IN HEIGHT ALONG THE FRONT PROPERTY LINE AND NOT GREATER THAN 12" ALONG THE SIDE AND REAR PROPERTY LINES.
- MASONRY VENEER MAY ENCRoACH A MAXIMUM OF 6" INTO ANY REQUIRED SETBACK AREAS.



ADDRESS CHART table with columns: STREET ADDRESS, POD No., LOWER UNIT, UPPER UNIT, ROAD NAME. Lists addresses from 1520-4 to 1564-2 along Morris Street.

SHEET INDEX table listing: 1. COVER SHEET, 2. SITE DEVELOPMENT PLAN, 3. SITE DETAILS AND UTILITY PROFILES, 4. STORM DRAIN DRAINAGE AREA MAP, 5. SEDIMENT CONTROL PLAN, 6. SEDIMENT CONTROL NOTES AND DETAILS, 7. LANDSCAPE PLAN, 8. LANDSCAPE NOTES & DETAILS.

APPROVED PLANNING BOARD OF HOWARD COUNTY
Date: August 25, 2011
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
Director: [Signature] Date: 8/19/12
Chief, Division of Land Development: [Signature] Date: 8/19/12
Chief, Development Engineering Division: [Signature] Date: 8/16/12

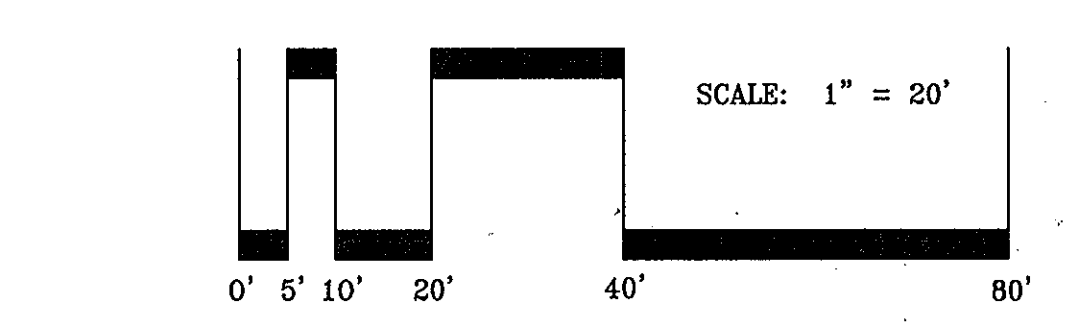
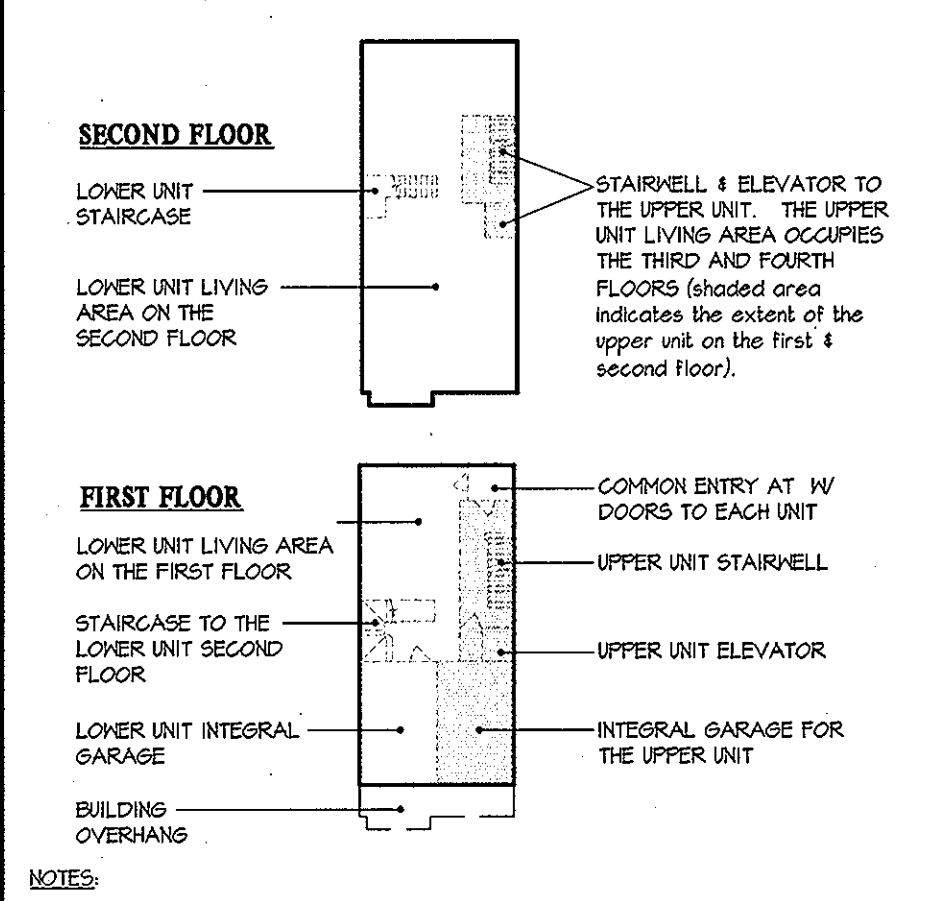
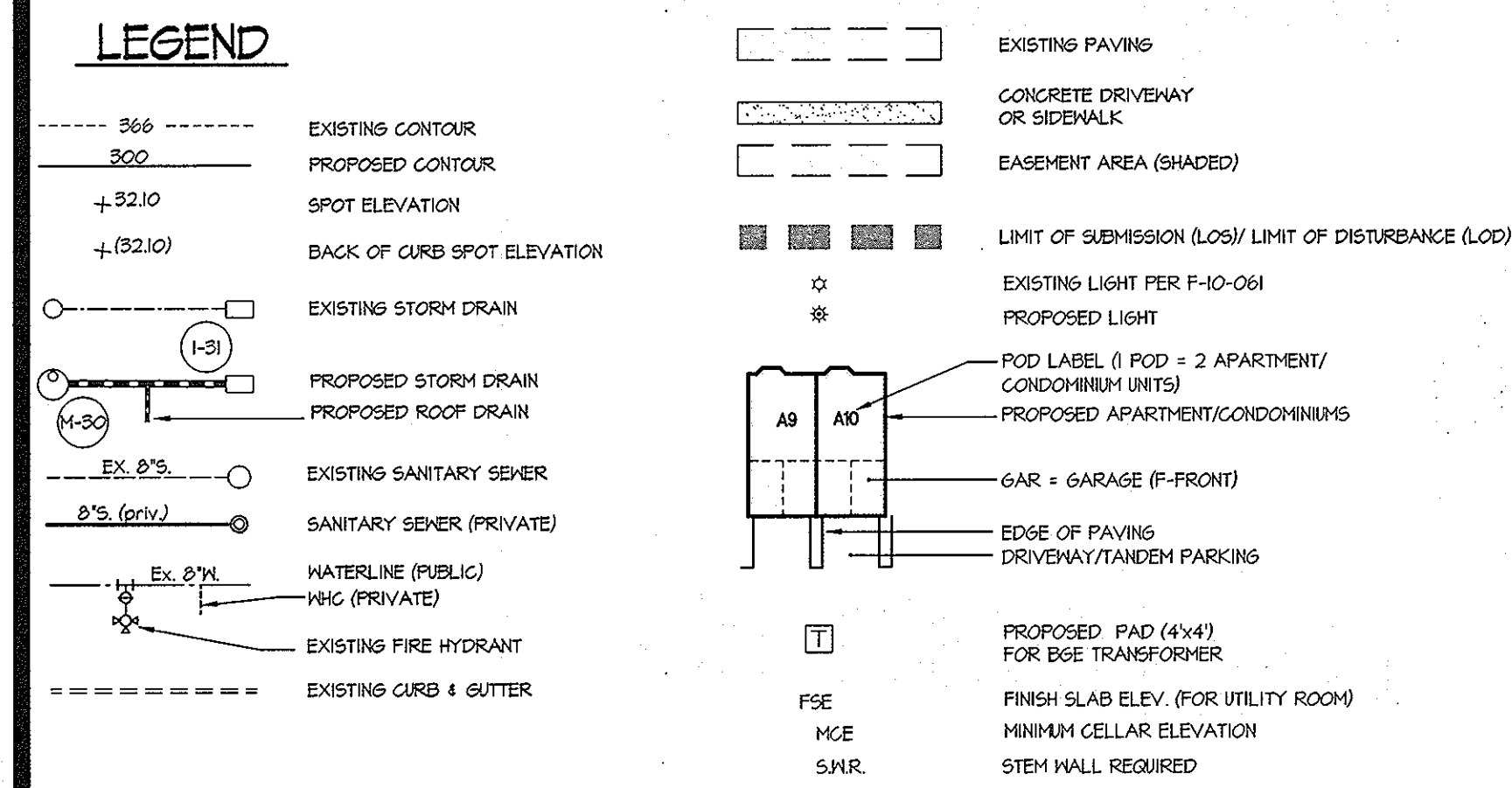
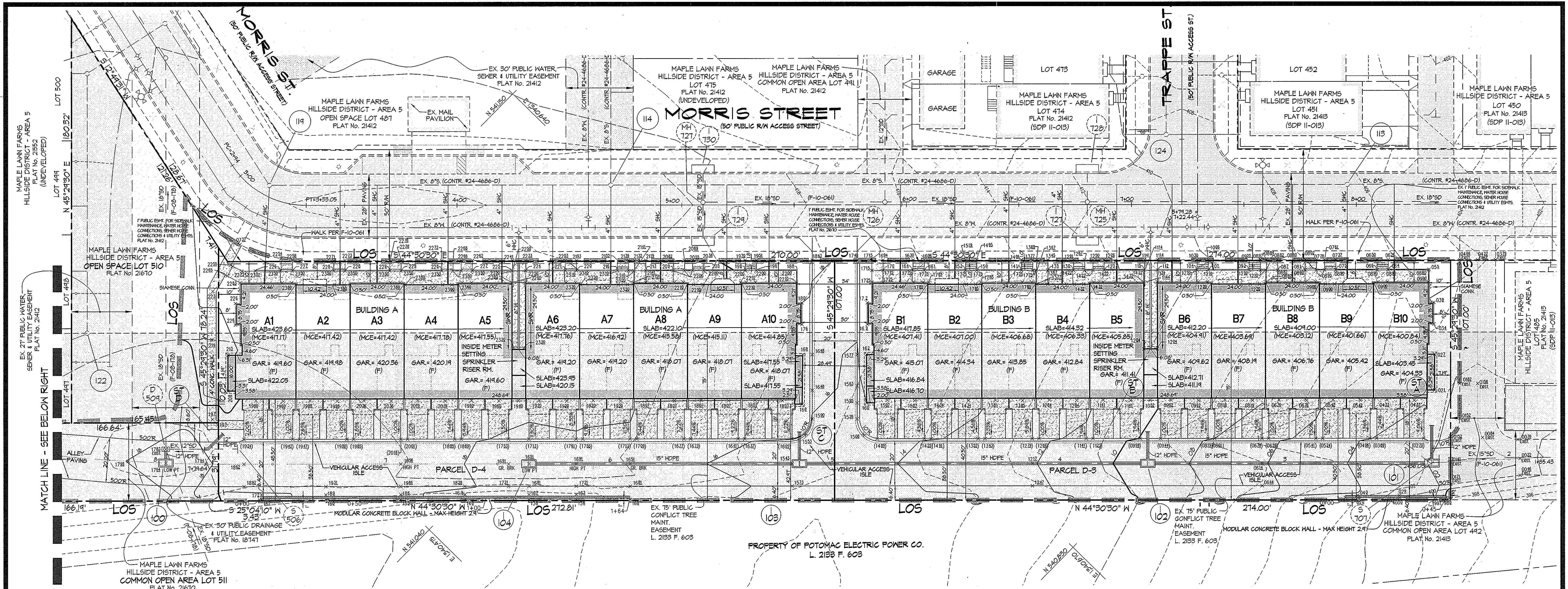
OWNER PARCELS D-3 & D-4: G & R MAPLE LAWN, INC. 1829 REISTERSTOWN ROAD, SUITE 300 BALTIMORE, MD 21208 PH: 410-484-8400 ATTN: MARK BENNETT
OWNER LOTS 510 & 511: MAPLE LAWN HOMEOWNERS ASSOC., INC. 1829 REISTERSTOWN ROAD, SUITE 300 BALTIMORE, MD 21208 PH: 410-484-8400 ATTN: MARK BENNETT

PREPARED FOR & CONTRACT PURCHASER
PARCEL D-3 & D-4
BOZZUTO HOMES, INC.
7850 WALKER DRIVE, SUITE 400
GREENBELT, MD 20770
ATTN: TOM BAUM 301-446-2211

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS 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. 14881
EXPIRATION DATE: MAY 21, 2012

COVER SHEET
MAPLE LAWN FARMS
HILLSIDE DISTRICT - AREA 5, PARCELS D-3 & D-4,
OPEN SPACE LOT 510 AND COMMON OPEN AREA LOT 511
PLAT No. 21668 thru 21670
HOWARD COUNTY, MARYLAND

Table with columns: SCALE, ZONING, G. L. W. FILE No., DATE, TAX MAP - GRID, SHEET. Values: AS SHOWN, MXD-3, 11004, JAN, 2012, 41 - 22, 1 OF 8.



- NOTES:**
- BRICK POINT ALL BUILDING CONSTRUCTIONS UNLESS NOTED OTHERWISE.
 - ALL BUILDING WALLS WITHIN 10' OF A BGE TRANSFORMER SHALL BE CONSTRUCTED FOR A MINIMUM FIRE RESISTANCE RATING OF 3 HOURS.
 - ALL ROOF DRAINS SHALL BE PIPED TO THE STORM DRAIN SYSTEM.
 - THE 2 APARTMENT/CONDOMINIUM BUILDINGS ARE COMPOSED OF PODS; EACH OF WHICH CONTAINS A LOWER AND AN UPPER UNIT (2 UNITS PER POD). THE UNIT BREAK DOWN ARE FOR EACH BUILDINGS ARE:
- | BUILDING | NUMBER OF PODS | NUMBER OF UNITS |
|--------------|----------------|-----------------|
| A | 10 (A1 - A10) | 20 |
| B | 10 (B1 - B10) | 20 |
| TOTAL | | 40 |
- EACH APARTMENT/CONDOMINIUM UNIT HAS INTERNAL AND DIRECT ACCESS TO AN INTEGRAL GARAGE. THE DRIVEWAY OUTSIDE EACH GARAGE IS AVAILABLE AS TANDEM PARKING FOR THE UNIT THAT IT SERVES (SEE BUILDING CIRCULATION DIAGRAM BELOW).
 - ALL SEWER HOUSE CONNECTIONS SHALL BE 4" PVC.

APPROVED PLANNING BOARD OF HOWARD COUNTY
 Date: August 25, 2011

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: Mark P. Layton Date: 8/19/11
 Chief, Division of Land Development: Kate Balaban Date: 8/19/11
 Chief, Development Engineering Division: John C. ... Date: 8/16/12

OWNER PARCELS D-3 & D-4:
 G & R MAPLE LAWN, INC.
 1829 REISTERSTOWN ROAD, SUITE 300
 BALTIMORE, MD 21208
 PH: 410-484-8400
 ATTN: STEWART GREENEBaum

OWNER LOTS 510 & 511:
 MAPLE LAWN HOMEOWNERS ASSOC., INC.
 1829 REISTERSTOWN ROAD, SUITE 300
 BALTIMORE, MD 21208
 PH: 410-484-8400
 ATTN: MARK BENNETT

PREPARED FOR & CONTRACT PURCHASER
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 BOZZUTO HOMES, INC.
 7850 WALKER DRIVE, SUITE 400
 GREENBELT, MD 20770
 ATTN: TOM BAUM 301-446-2211

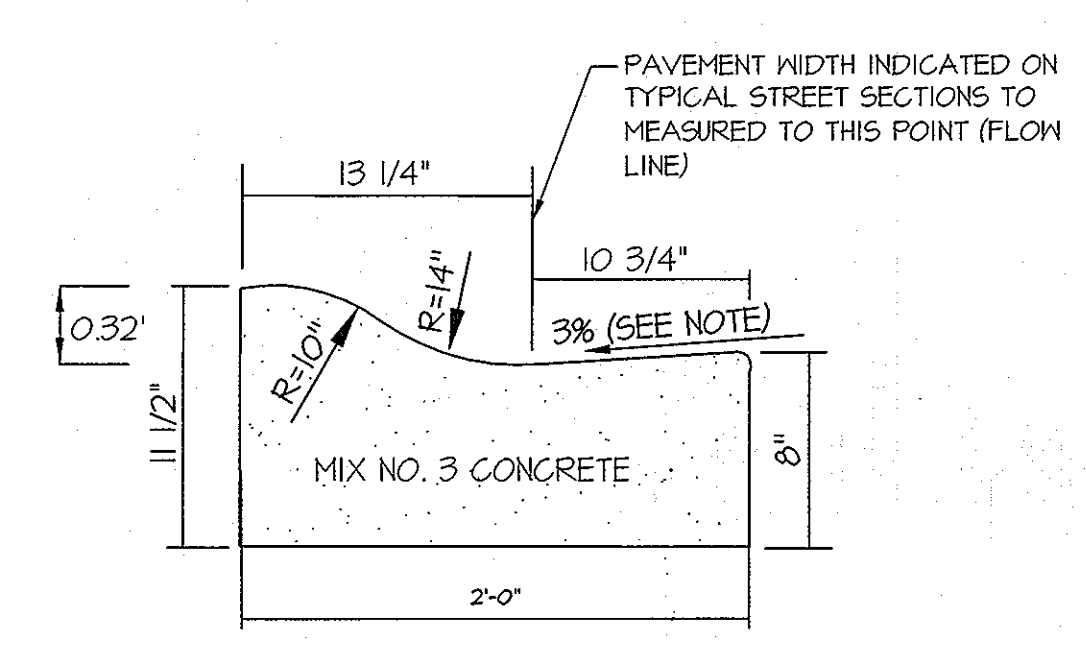


SITE DEVELOPMENT PLAN
MAPLE LAWN FARMS
HILLSIDE DISTRICT - AREA 5, PARCELS D-3 & D-4,
OPEN SPACE LOT 510 AND COMMON OPEN AREA LOT 511
 PLAT No. 21668 thru 21670
 HOWARD COUNTY, MARYLAND

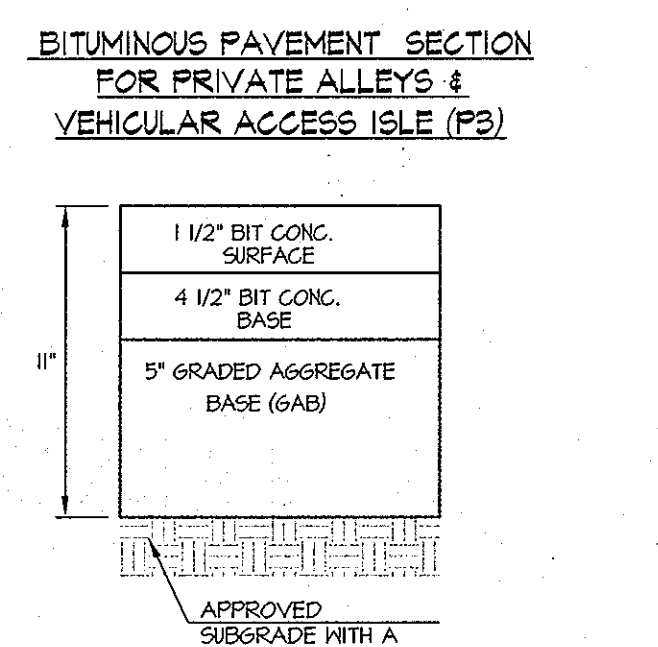
SCALE	ZONING	G. L. W. FILE No.
1"=20'	MXD-3	11004
DATE	TAX MAP - GRID	SHEET
JAN, 2012	41 - 22	2 OF 8



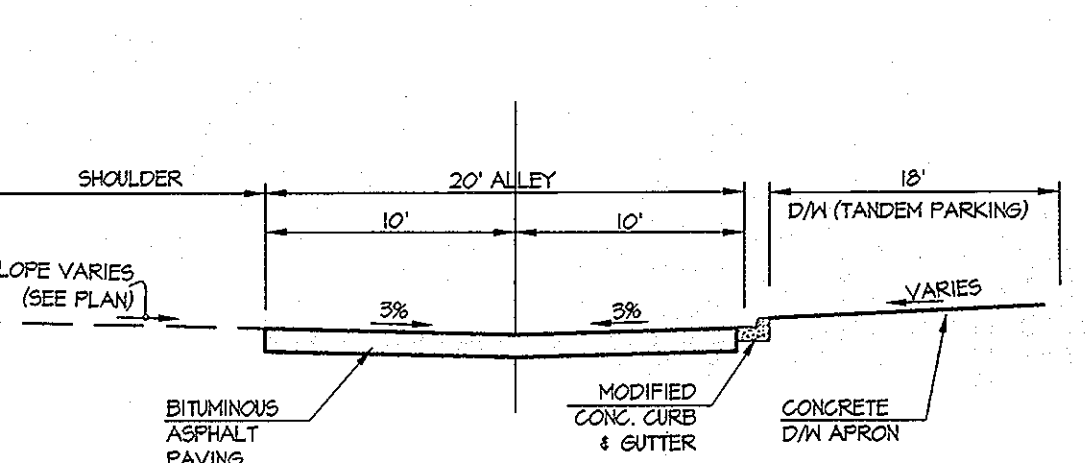
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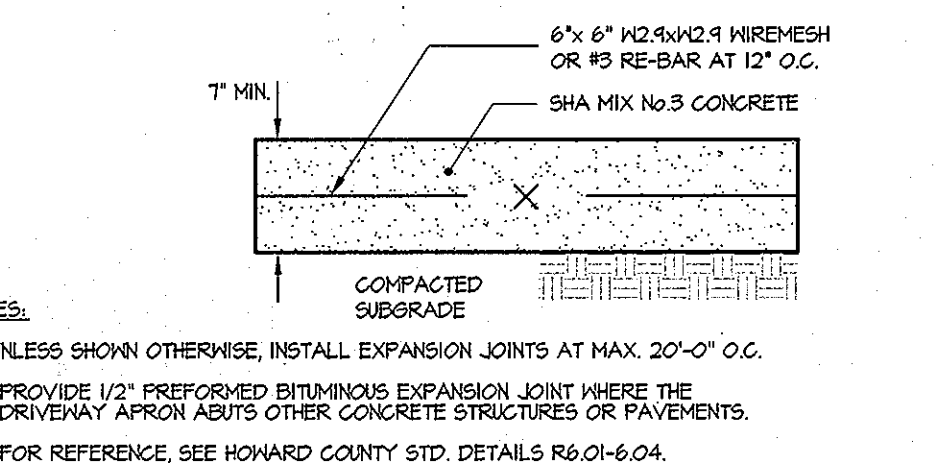
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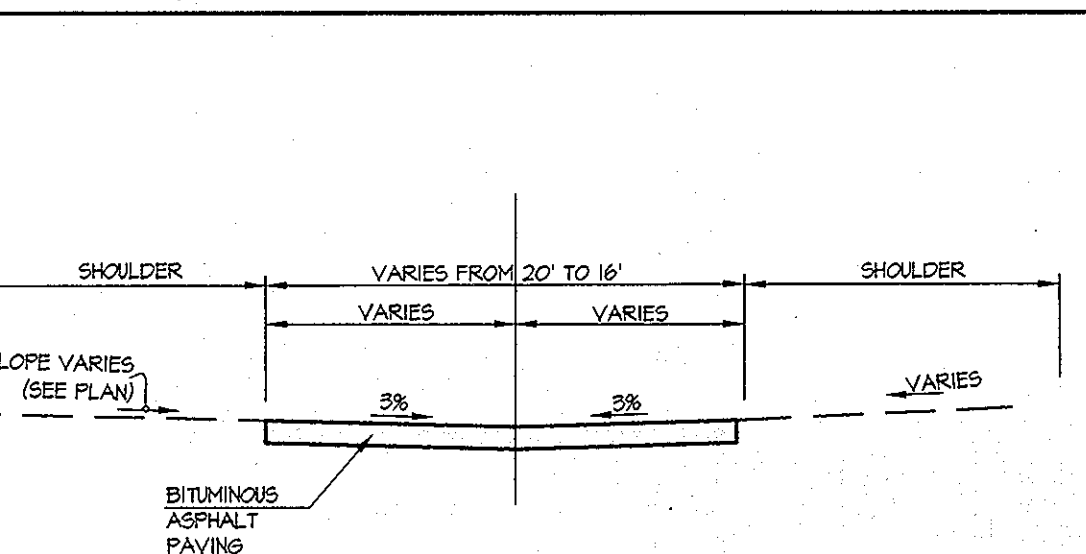
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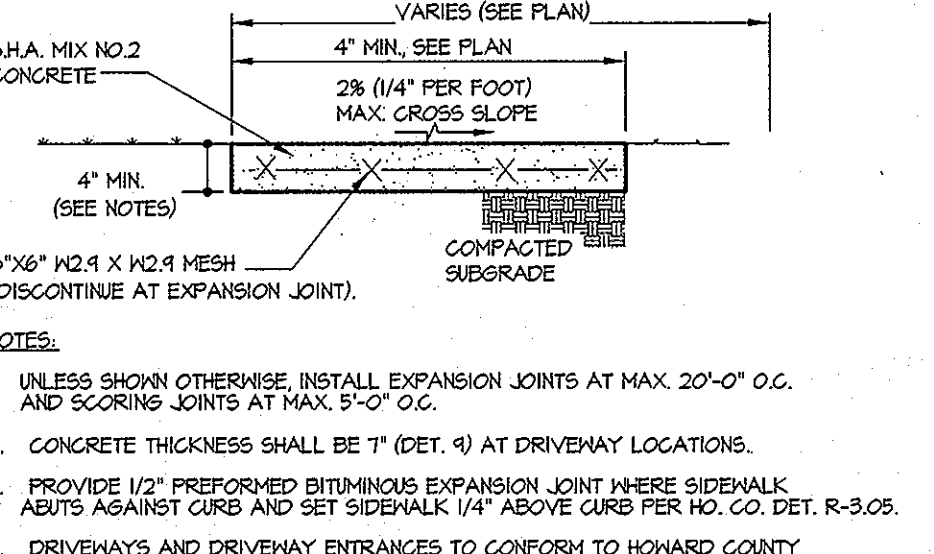
PRIVATE VEHICULAR ACCESS ISLE SECTION NO SCALE



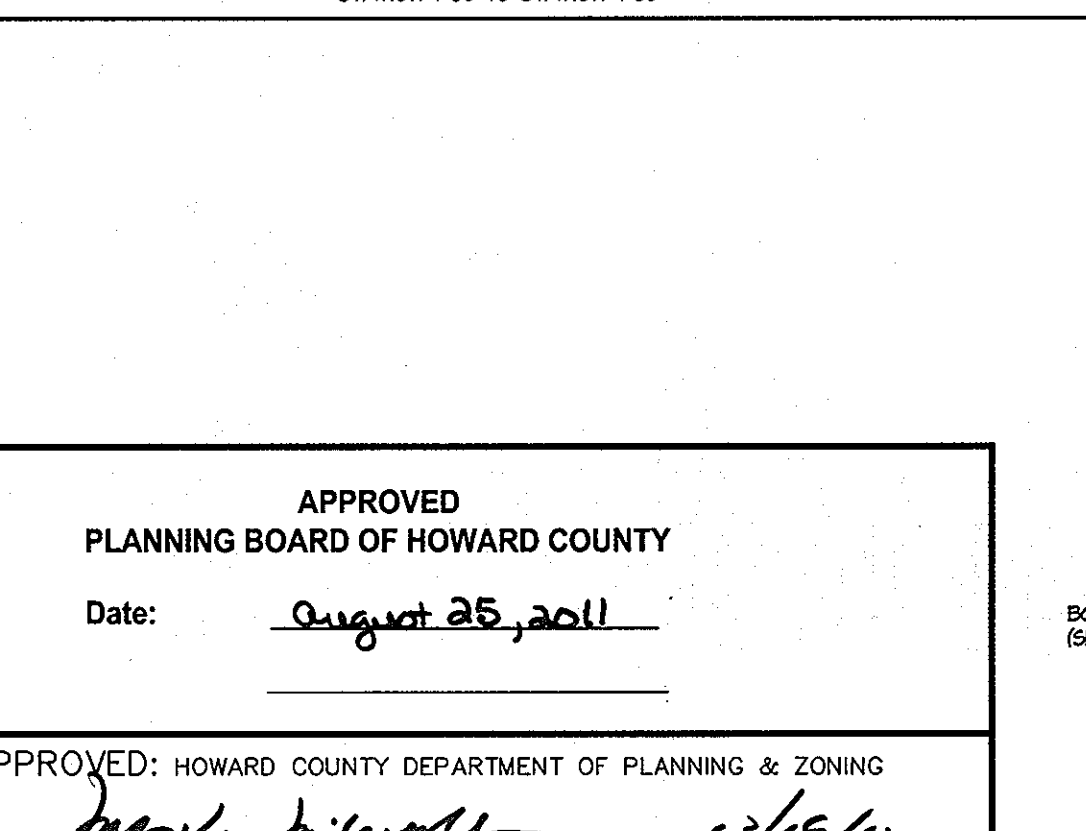
CONCRETE APRON PAVEMENT SECTION NO SCALE



PRIVATE ALLEY SECTION NO SCALE



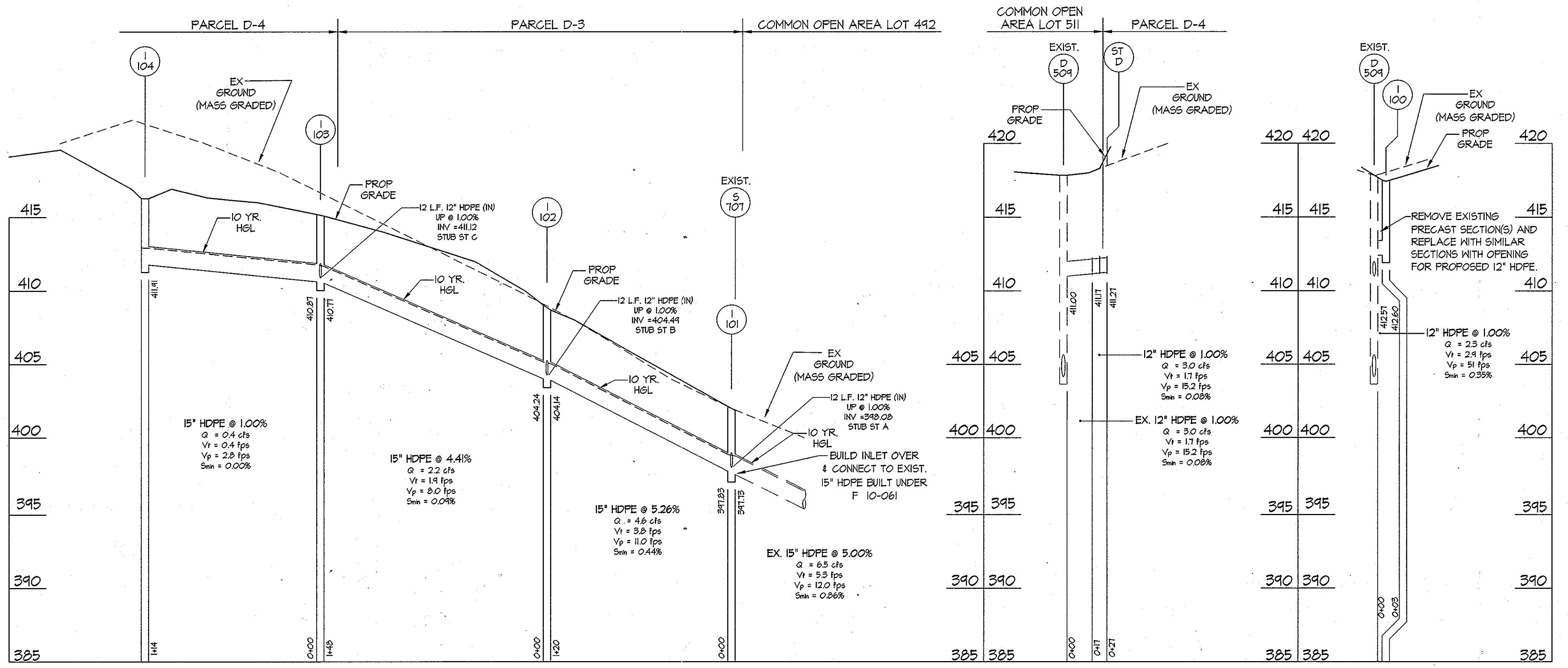
TYPICAL SIDEWALK SECTION NO SCALE



TYPICAL MODULAR BLOCK WALL SECTION NO SCALE

APPROVED PLANNING BOARD OF HOWARD COUNTY
 Date: August 25, 2011
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: [Signature] Date: 8/15/11
 Chief, Division of Land Development: [Signature] Date: 8/16/11
 Chief, Development Engineering Division: [Signature] Date: 8/16/11

GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3509 NATIONAL DRIVE - SUITE 250 - BURTONTVILLE OFFICE PARK
 BURTONTVILLE, MARYLAND 20866
 TEL: 301-421-4024 FAX: 410-880-1820 DC/VA: 301-889-2524 FAX: 301-421-4186



STORM DRAIN PROFILES

SCALE: 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

SEWER HOUSE CONNECTION TABLE

POD No.	LOCATION (station)	INV. @ MAIN	INV. @ ESMNT	LENGTH (ft.)	SLOPE (%)	INV. @ BLDG	TYPE (-)
A1	MH 119	413.23	414.49	9	2.0	414.67	
A2	1+20	414.04	414.74	9	2.0	414.92	Type 'A' DHG
A3	1+04	414.04	414.74	9	2.0	414.92	Type 'A' DHG
A4	0+72	414.40	415.10	9	2.0	415.28	Type 'A' DHG
A5	0+48	414.17	414.87	9	2.0	415.05	Type 'A' DHG
A6	0+26	414.38	415.08	9	2.0	415.26	Type 'A' DHG
A7	MH 114	413.58	414.24	9	2.0	414.42	
A8	3+05	412.20	412.90	9	2.0	413.08	Type 'A' DHG
A9	2+76	411.77	412.47	7	2.0	412.61	Type 'A' DHG
A10	2+57	411.47	412.17	9	2.0	412.35	Type 'A' DHG
B1	1+99	404.03	404.73	9	2.0	404.91	Type 'A' DHG
B2	1+74	403.66	404.36	7	2.0	404.50	Type 'A' DHG
B3	1+50	403.30	404.00	9	2.0	404.18	Type 'A' DHG
B4	1+27	402.95	403.65	9	2.0	403.83	Type 'A' DHG
B5	1+02	402.47	403.17	9	2.0	403.35	Type 'A' DHG
B6	0+78	401.53	402.23	9	2.0	402.41	Type 'A' DHG
B7	0+49	400.31	401.01	9	2.0	401.19	Type 'A' DHG
B8	0+24	399.74	400.44	9	2.0	400.62	Type 'A' DHG
B9	MH 113	398.36	399.02	7	2.0	399.16	
B10	2+58	397.46	398.16	9	2.0	398.34	Type 'A' DHG

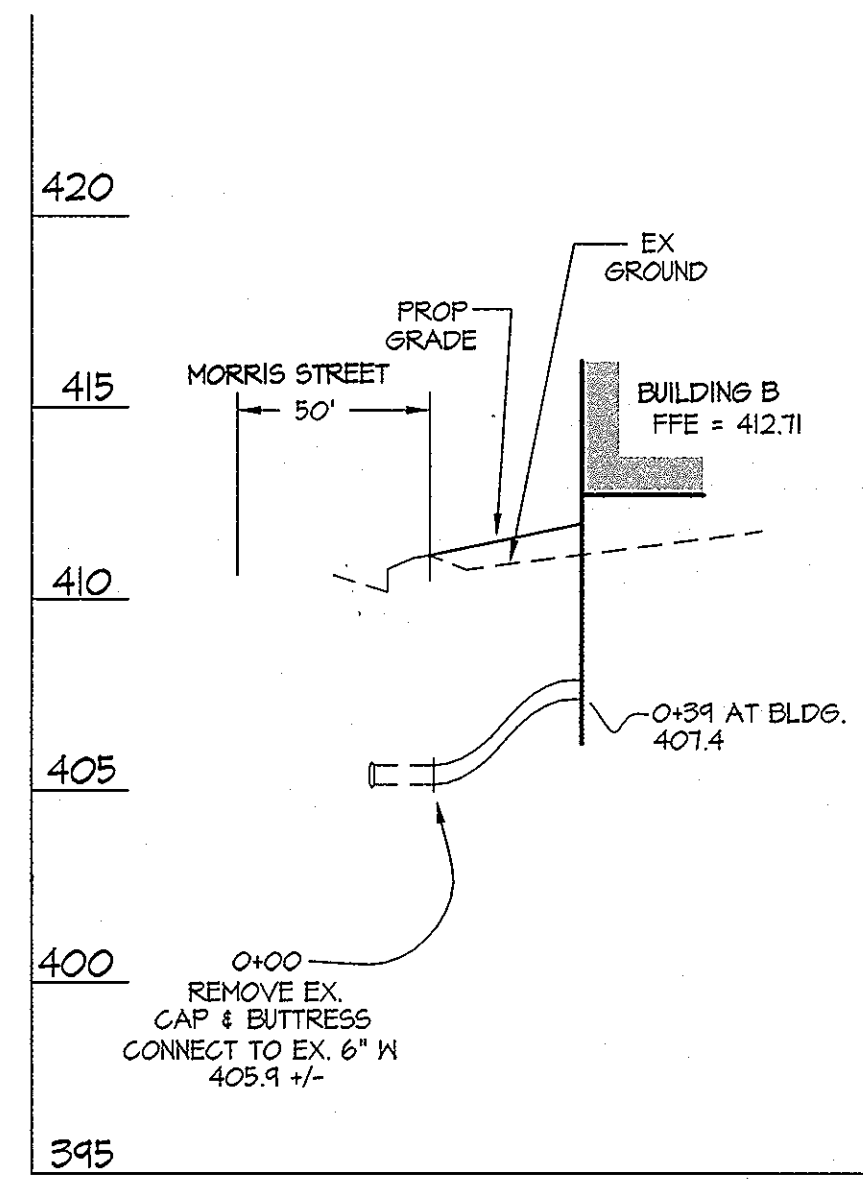
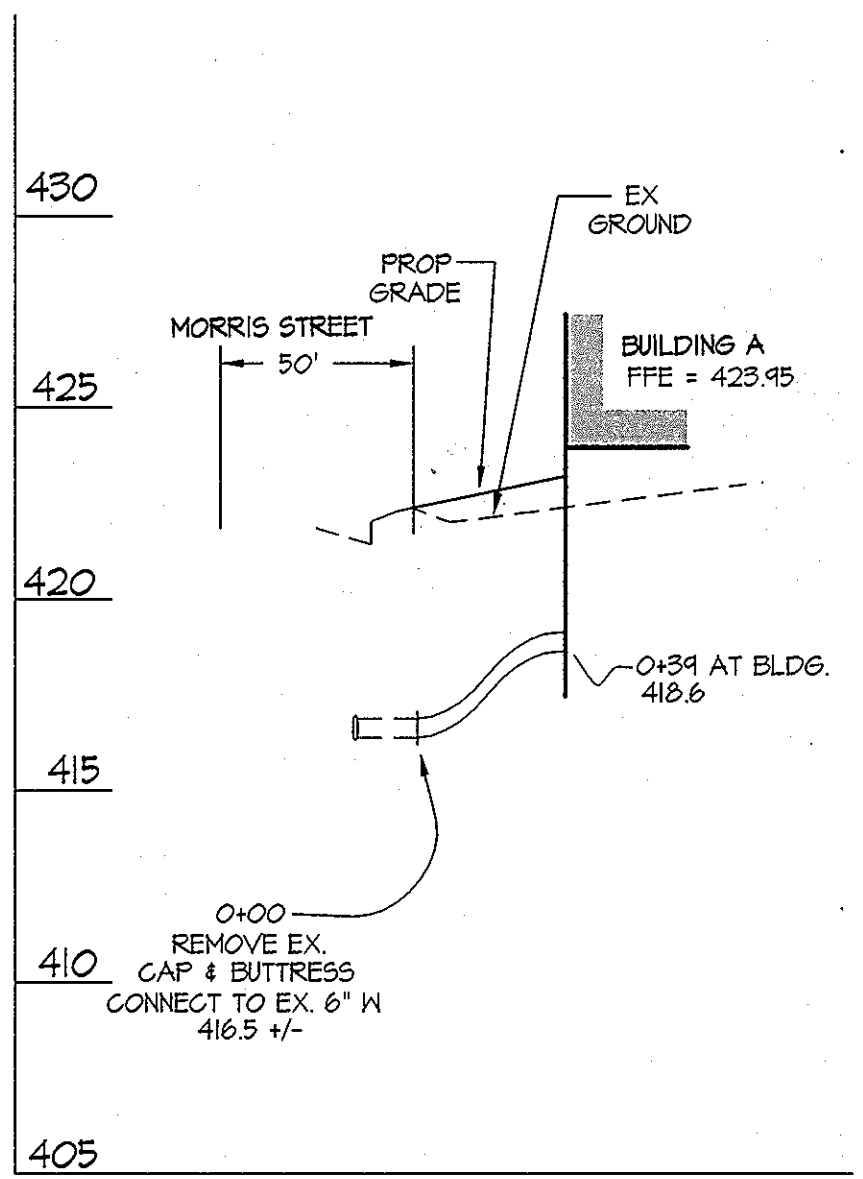
- NOTES:
- INVERTS LISTED FOR DROP HOUSE CONNECTIONS ARE FOR THE TOP OF THE STACK AT THE MAIN WHERE THE HORIZONTAL RUN CONNECTS TO THE STACK. THE INVERT LISTED FOR DROP MANHOLE CONNECTIONS ARE FOR THE INVERT OF THE CONNECTION AT THE MANHOLE.
 - FOR INVERTS OF THE 8" MAIN, SEE SEWER PROFILES.
 - STATION LOCATION OF ALL SHC CONNECTIONS IS FROM THE CENTERLINE OF THE NEXT DOWNSTREAM SEWER STRUCTURE AND ALL SLOPES LISTED ARE FOR THE SLOPE OF THE 4" HOUSE CONNECTION.
 - ALL SHC'S ARE 4" WITH 2.0% SLOPES UNLESS OTHERWISE NOTED.

S.D. PIPE SUMMARY TABLE

Size (in.)	Type	Quantity (L.F.)	Remarks
12	HDPE	49	ADS N12 or equiv.
15	HDPE	382	ADS N15 or equiv.

S.D. STRUCTURE SCHEDULE

NO.	TYPE	WIDTH (INSIDE)	TOP ELEVATION		INVERT ELEVATION		STANDARD DETAIL	NOTES
			UPPER	LOWER	UPPER	LOWER		
1-100	DOUBLE S	2'-1.5"	417.64	417.64	---	412.60	HO. CO. D. 4.23	
1-101	DOUBLE S	2'-1.5"	402.04	391.93	391.83	391.71	HO. CO. D. 4.23	
1-102	DOUBLE S	2'-1.5"	404.25	408.93	404.24	404.14	HO. CO. D. 4.23	
1-103	DOUBLE S	2'-1.5"	415.43	415.30	410.87	410.77	HO. CO. D. 4.23	
1-104	DOUBLE S	2'-1.5"	416.53	416.53	---	411.91	HO. CO. D. 4.23	



WATER PROFILES

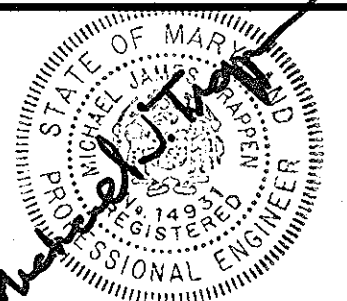
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 1" = 5' VERTICAL

SITE DETAILS AND UTILITY PROFILES

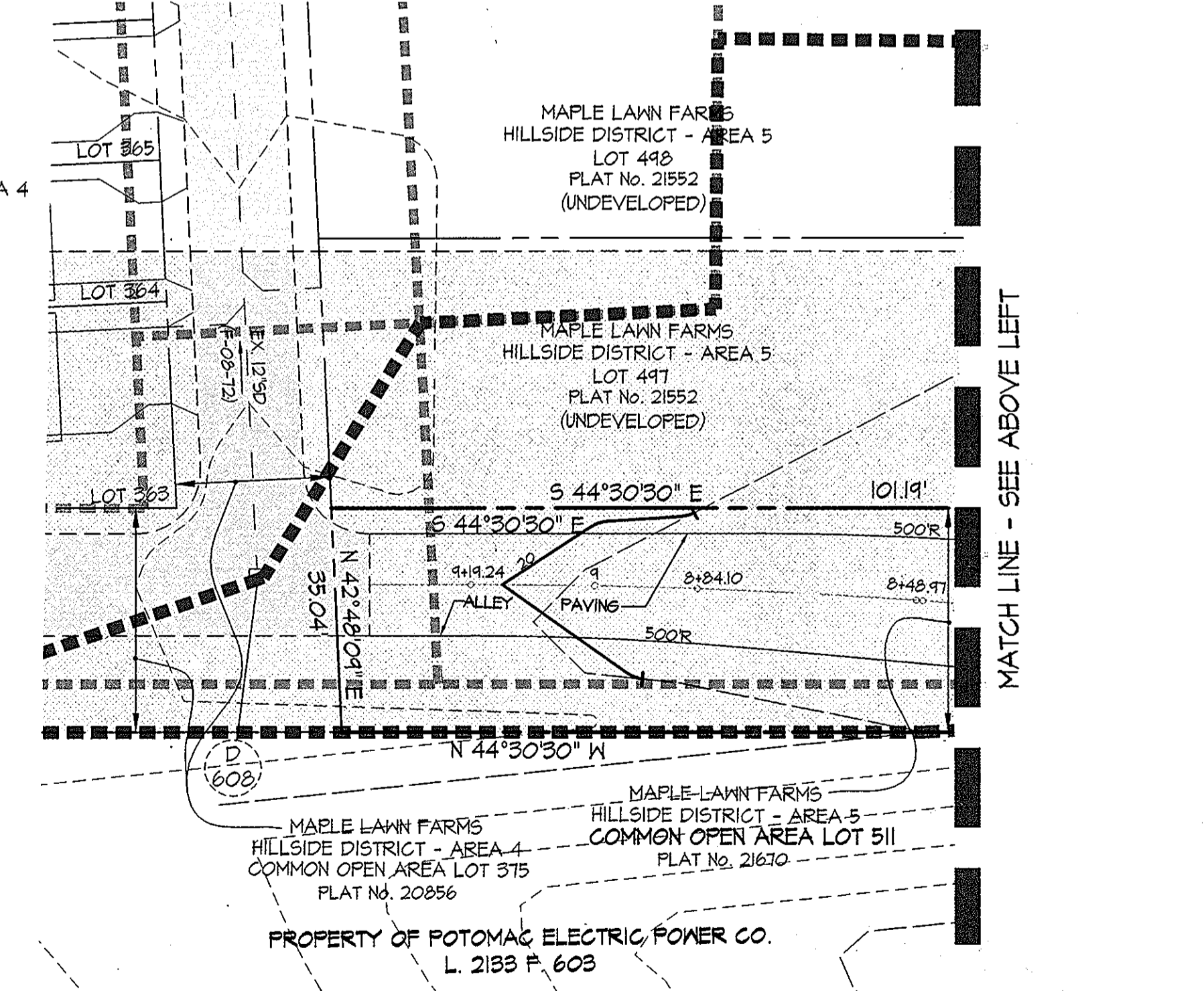
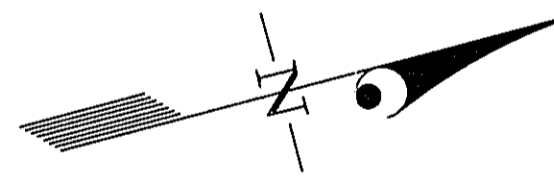
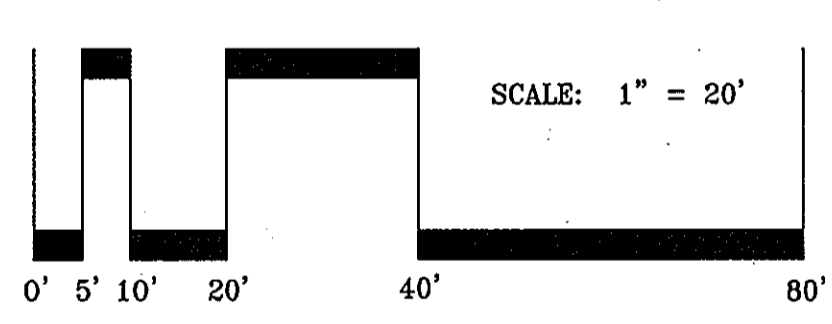
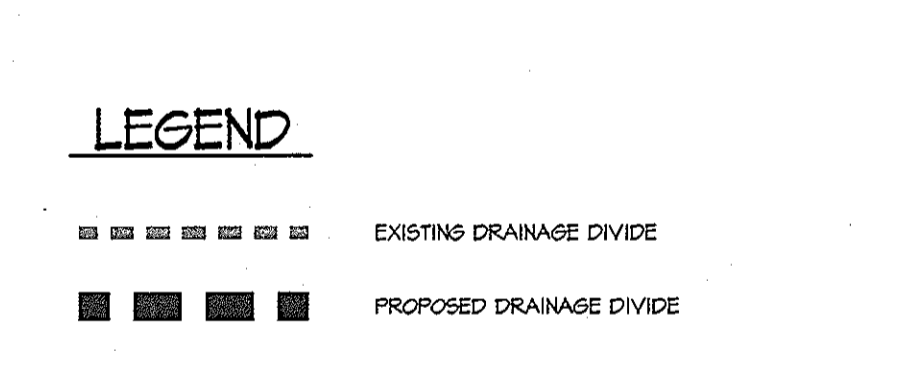
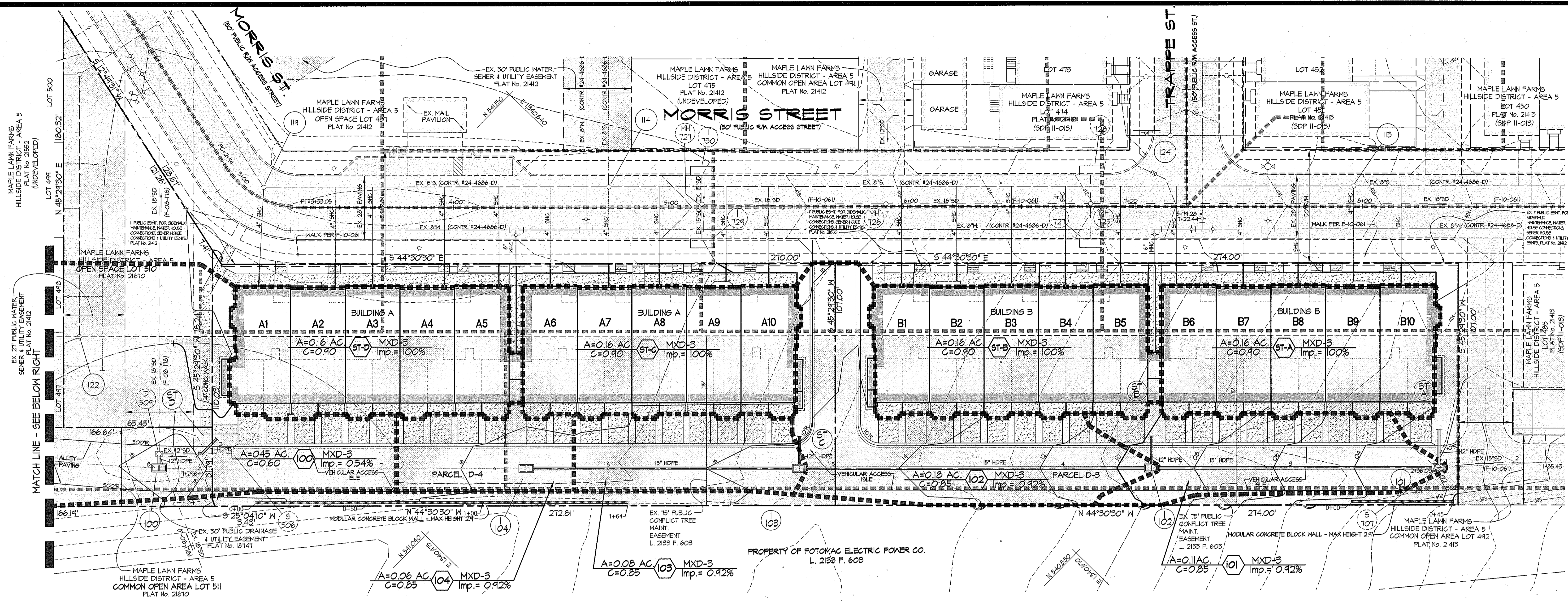
MAPLE LAWN FARMS
 HILLSIDE DISTRICT - AREA 5, PARCELS D-3 & D-4,
 OPEN SPACE LOT 510 AND COMMON OPEN AREA LOT 511
 PLAT No. 21668 thru 21670
 ELECTION DISTRICT No. 5
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE NO.
AS SHOWN	MXD-3	11004
DATE	TAX MAP - GRID	SHEET
JAN., 2012	41 - 22	3 OF 8

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS 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. 14989, EXPIRATION DATE: MAY 21, 2012



PREPARED FOR & CONTRACT PURCHASER
 PARCEL D-3 & D-4
 BOZZUTO HOMES, INC.
 7850 WALKER DRIVE, SUITE 400
 GREENBELT, MD 20770
 ATTN: TOM BAUM 301-446-2211



APPROVED
PLANNING BOARD OF HOWARD COUNTY
Date: August 25, 2011

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
Director [Signature] 3/15/12
Chief, Division of Land Development [Signature] 3/19/12
Chief, Development Engineering Division [Signature] 3/16/12

OWNER PARCELS D-3 & D-4:
G & R MAPLE LAWN, INC.
1829 REISTERSTOWN ROAD, SUITE 300
BALTIMORE, MD 21208
PH: 410-484-8400
ATTN: STEWART GREENEBAUM

OWNER LOTS 510 & 511:
MAPLE LAWN HOMEOWNERS ASSOC., INC.
1829 REISTERSTOWN ROAD, SUITE 300
BALTIMORE, MD 21208
PH: 410-484-8400
ATTN: MARK BENNETT

GLW GUTSCHICK LITTLE & WEBER, P.A.
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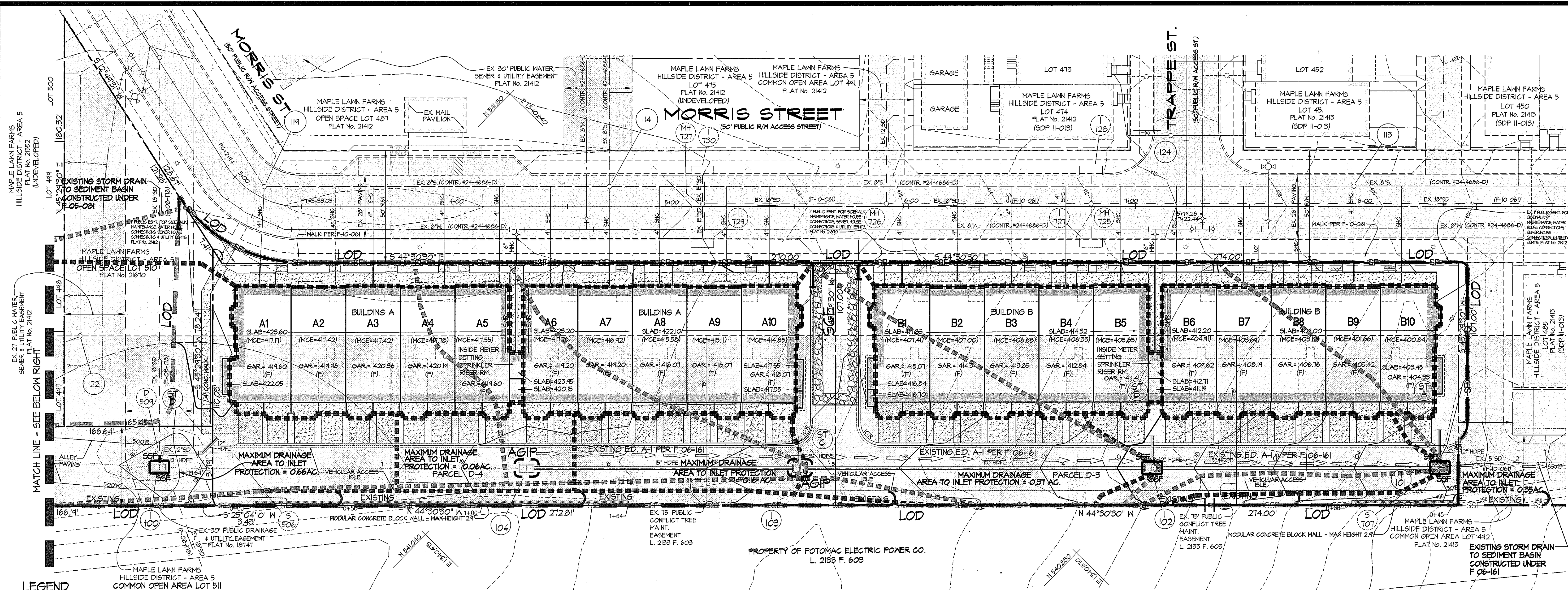
DATE	REVISION	BY	APPR.

PREPARED FOR &
CONTRACT PURCHASER
PARCEL D-3 & D-4
BOZZUTO HOMES, INC.
7850 WALKER DRIVE, SUITE 400
GREENBELT, MD 20770
ATTN: TOM BAUM 301-446-2211

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE
PLANS 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. 1429
EXPIRATION DATE: MAY 21, 2012

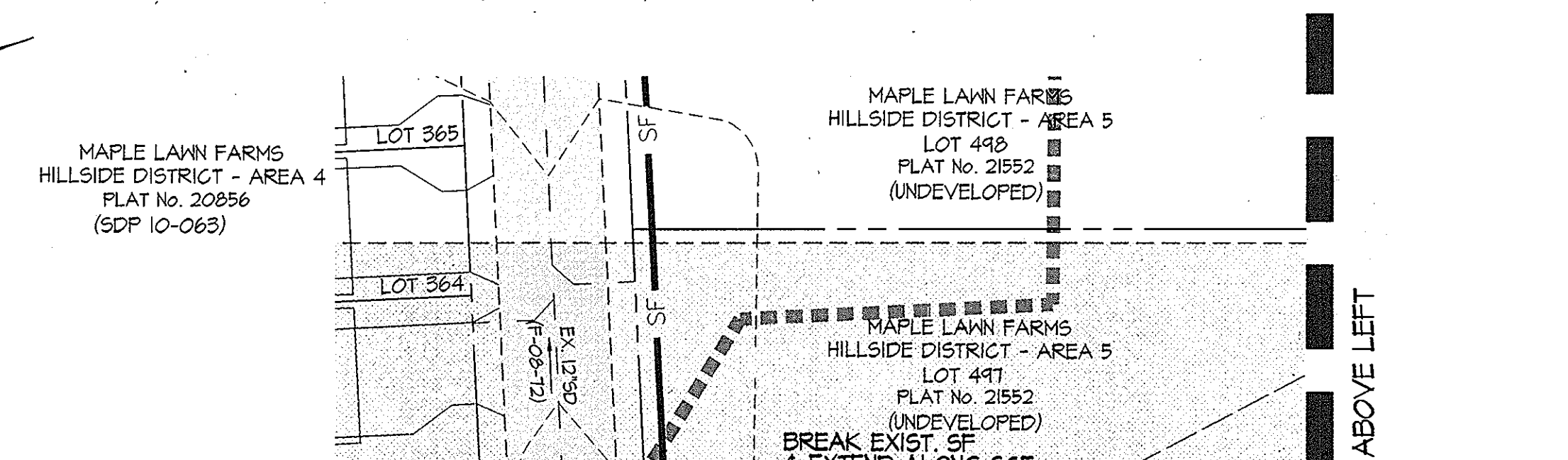
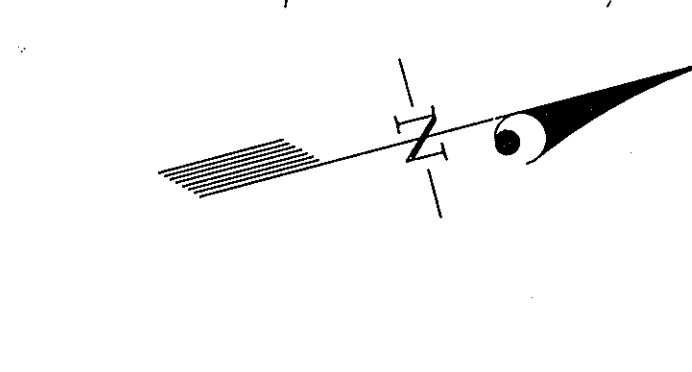
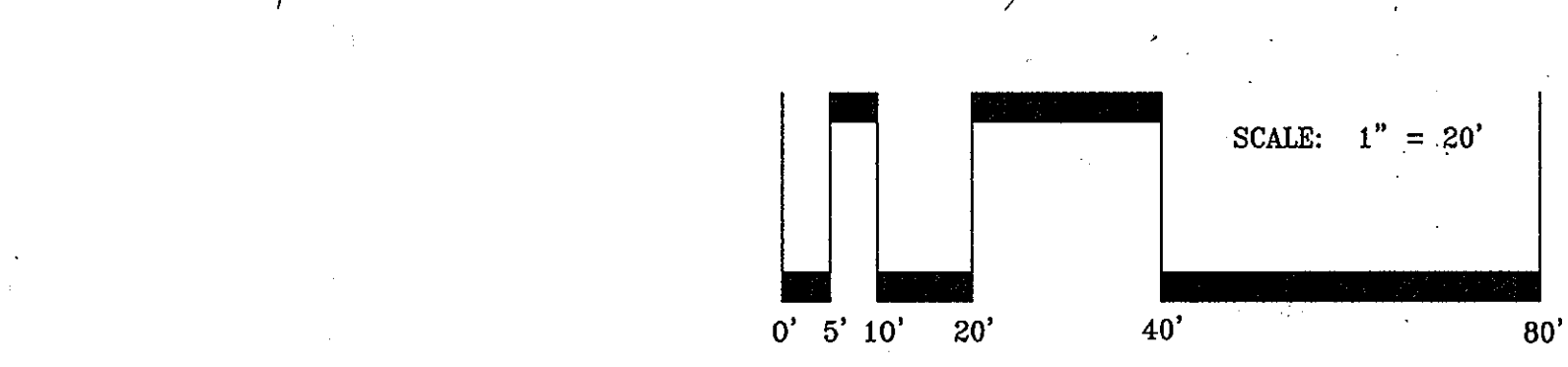
STORM DRAIN DRAINAGE AREA MAP
MAPLE LAWN FARMS
HILLSIDE DISTRICT - AREA 5, PARCELS D-3 & D-4,
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ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
1" = 20'	MXD-3	11004
DATE	TAX MAP - GRID	SHEET
JAN, 2012	41 - 22	4 OF 8



- LEGEND**
- LOD: LIMIT OF DISTURBANCE
 - : EXISTING DRAINAGE DIVIDE
 - - - - -: PROPOSED DRAINAGE DIVIDE
 - AGIP: PROPOSED AT GRADE INLET PROTECTION
 - : EXISTING SUPER SILT FENCE
 - - - - -: PROPOSED SUPER SILT FENCE (AT INLETS)
 - : PROPOSED SILT FENCE
 - SCE: STABILIZED CONSTRUCTION ENTRANCE

- SEQUENCE OF CONSTRUCTION**
1. APPLY FOR A GRADING PERMIT AND ARRANGE FOR A PRE-CONSTRUCTION MEETING WITH THE SEDIMENT CONTROL INSPECTOR (SCI). AT THE MEETING, OBTAIN THE GRADING PERMIT FROM THE SCI. DURATION: (1 DAY).
 2. INSTALL THE STABILIZED CONSTRUCTION ENTRANCES (SCE) AND SILT FENCE (-SF). DURATION: 1 DAY.
 3. CONSTRUCT THE BUILDINGS. THE CONSTRUCTION OF BUILDINGS CAN START ONCE SEQUENCE NO. 2 IS DONE. DURATION: 9-12 MONTHS PER BUILDING.
 4. FINE GRADE SITE AND REMOVE EXISTING EARTH DIKE. INSTALL STORM DRAIN AND ASSOCIATED INLET PROTECTION. WRAP INLETS H-20 THRU H-22 WITH SUPER SILT FENCE. INSTALL REMAINING UTILITIES.
 5. INSTALL SIDEWALKS, DRIVEWAYS AND LANDSCAPING. DURATION: 1 WEEK.
 6. INSTALL THE SURFACE PAVING COURSE. DURATION: 2 DAYS.
 7. OBTAIN PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR PRIOR TO REMOVING ANY REMAINING SEDIMENT CONTROL MEASURES.



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

John R. Hester 3/1/12
HOWARD S.C.D. DATE

APPROVED
PLANNING BOARD OF HOWARD COUNTY

Date: August 22, 2011

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Director: *Mark A. Gough* 3/15/12 Date
 Chief, Division of Land Development: *Kathleen L. ...* 3/15/12 Date
 Chief, Development Engineering Division: *...* 3/16/12 Date

OWNER PARCELS D-3 & D-4:
G & R MAPLE LAWN, INC.
1829 REISTERSTOWN ROAD, SUITE 300
BALTIMORE, MD 21208
PH: 410-484-8400
ATTN: STEWART GREENEBAUM

OWNER LOTS 510 & 511:
MAPLE LAWN HOMEOWNERS ASSOC., INC.
1829 REISTERSTOWN ROAD, SUITE 300
BALTIMORE, MD 21208
PH: 410-484-8400
ATTN: MARK BENNETT

DEVELOPER'S/BUILDER'S CERTIFICATE

"I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND 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 HSCD."

[Signature] 2-15-2012 DATE
SIGNATURE OF DEVELOPER/BUILDER

ENGINEER'S CERTIFICATE

"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."

Michael J. ... 2/16/12 DATE
SIGNATURE OF ENGINEER

GLW GUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BAL: 410-989-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE	REVISION	BY	APPR.

PREPARED FOR & CONTRACT PURCHASER
PARCEL D-3 & D-4
BOZZUTO HOMES, INC.
7850 WALKER DRIVE, SUITE 400
GREENBELT, MD 20770
ATTN: TOM BAUM 301-446-2211

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 14629
EXPIRATION DATE: MAY 21, 2012

Michael J. ...
Michael J. ...

SEDIMENT CONTROL PLAN

MAPLE LAWN FARMS
HILLSIDE DISTRICT - AREA 5, PARCELS D-3 & D-4,
OPEN SPACE LOT 510 AND COMMON OPEN AREA LOT 511
PLAT No. 21668 thru 21670

SCALE: 1" = 20'

ZONING: MXD-3

G. L. W. FILE No.: 11004

DATE: JAN, 2012

TAX MAP - GRID: 41 - 22

SHEET: 5 OF 8

ELECTION DISTRICT No. 5

HOWARD COUNTY, MARYLAND

SEDIMENT CONTROL NOTES

- 1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (410) 313-1855
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes and perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51), sod (Sec. 54), temporary seedings (Sec. 50) and mulching (Sec. 52). Temporary stabilization, with mulch alone, can only be done when recommended seedings do not allow for proper germination and establishment of grasses.
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 Howard County Sediment Control Inspector.
7. Site Analysis:
Total Area of Site : 1.67 Acres
Area Disturbed : 1.53 Acres
Area to be roofed or paved : 1.21 Acres
Area to be vegetatively stabilized : 0.32 Acres
Total Cut : 5,000 Cu. Yds.
Total Fill : 5,000 Cu. Yds.
8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9. Additional sediment control must be provided, if deemed necessary by the Howard County DPM Sediment Control Inspector.
10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
11. Trenches for the construction of utilities is limited to 3 pipe lengths or that which shall be backfilled and stabilized within one working day whichever is shorter.

PERMANENT SEEDING NOTES

Apply to graded or cleared area not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding (unless previously loosened).
Soil Amendments: In lieu of soil test recommendations, use one of the following schedules

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (42 lbs/1000 square feet) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (4 lbs/1000 sq ft).
2) Acceptable - Apply 2 tons per acre dolomitic limestone (42 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.5 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.
Mulching: Apply 1-1/2 to 2 tons per acre (10 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2lb gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 3 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding (unless previously loosened).

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2-1/2 bushel per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (0.7 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1-1/2 to 2 tons per acre (10 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2lb gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 3 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

NOTE: THESE SEEDING NOTES ARE THE MINIMUM REQUIRED FOR SEDIMENT CONTROL. REFER TO PROJECT SPECIFICATIONS FOR SEEDING REQUIREMENTS OF OTHER AREAS OF THE SITE.

STANDARD AND SPECIFICATIONS FOR TOPSOIL DEFINITION

Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.
PURPOSE: To provide a suitable soil medium for vegetative growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.
CONDITIONS WHERE PRACTICE APPLIES: 1. This practice is limited to areas having 2:1 or flatter slopes where:
a. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
b. The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
c. The original soil to be vegetated contains material toxic to plant growth.
d. The soil is so acidic that treatment with limestone is not feasible.

- II. For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.
CONSTRUCTION AND MATERIAL SPECIFICATIONS:
I. Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the respective soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.
II. Topsoil specifications - soil to be used as topsoil must meet the following:
a. Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 1/2" in diameter.
b. Topsoil must be free of plant parts such as bermuda grass, quackgrass, Johnsongrass, nutsedge, poison ivy, thistle, or others as specified.
c. Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.

III. For sites having disturbed areas under 5 acres:
a. Place topsoil (if required) and apply soil amendments as specified in 2.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.
IV. For sites having disturbed areas over 5 acres:
a. On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:
1. pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.
2. Organic content of topsoil shall be not less than 15 percent by weight.
3. Topsoil having soluble salt greater than 500 parts per mill shall not be used.
4. No sod or seed shall be placed on soil which has been with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min) to permit dissipation of photo-toxic materials.

Note: Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.
b. Place topsoil (if required) and apply soil amendments as specified in 2.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.
V. Topsoil Application
a. When topsoiling, maintain needed erosion and sediment control practices such as diversion, grade stabilization structures, earth dikes, slope silt fence and Sediment Traps and Basins.
b. Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4' - 6' higher in elevation.

- c. Topsoil shall be uniformly distributed in a 4' - 6' layer and lightly compacted to a minimum thickness of 4". Spreading or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water.
d. Topsoil shall not be placed while the topsoil or subsoil is frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.

VI. Alternative for Permanent Seeding - Instead of applying the full amounts of time and commercial fertilizer, composted sludge and amendments may be applied as specified below:

- a. Composted Sludge Material for use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:
1. Composted sludge shall be supplied by, or originate from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under COMAR 26.04.06.
2. Composted sludge shall contain at least 1 percent nitrogen, 15 percent phosphorus, and 0.2 percent potassium and have a Ph of 7.0 to 8.0. If compost does not meet these requirements, the appropriate constituents must be added to meet the requirements prior to use.
3. Composted sludge shall be applied at a rate of 1 ton/1000 square feet.
b. Composted sludge shall be amended with a potassium fertilizer applied at a rate of 4lb/1000 square feet, and 1/3 the normal lime application rate.

References: Guideline Specifications, Soil Preparation and Seeding, MD-VA Pub. #1, Cooperative Extension Service, University of Maryland and Virginia Polytechnic Institutes. Revised 1973.

DUST CONTROL

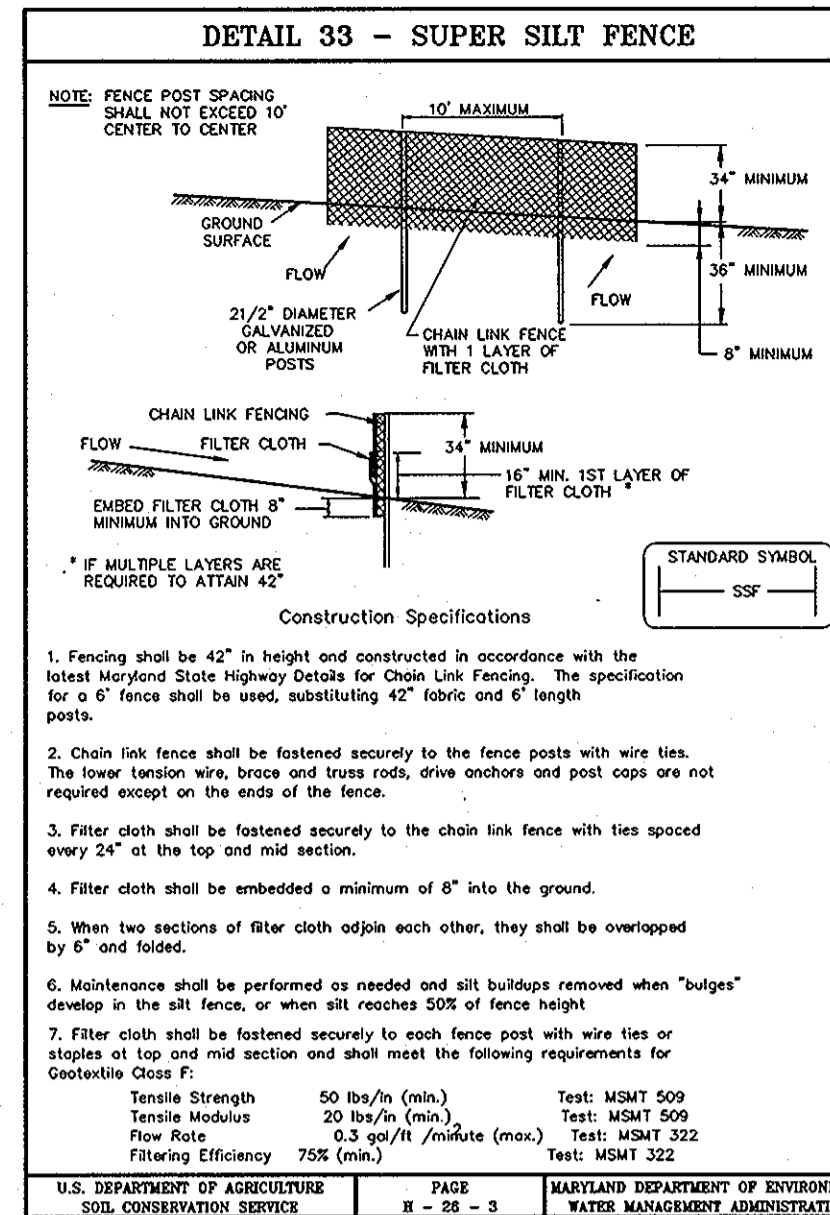
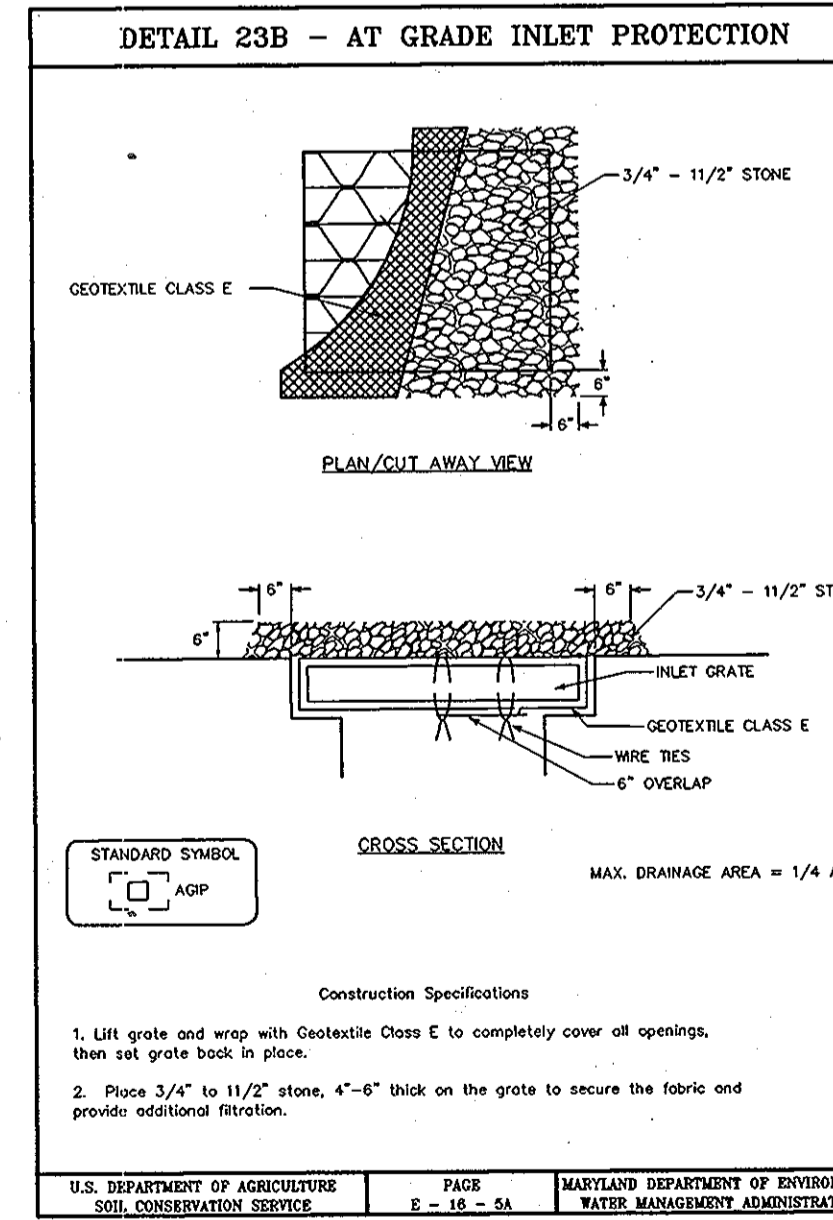
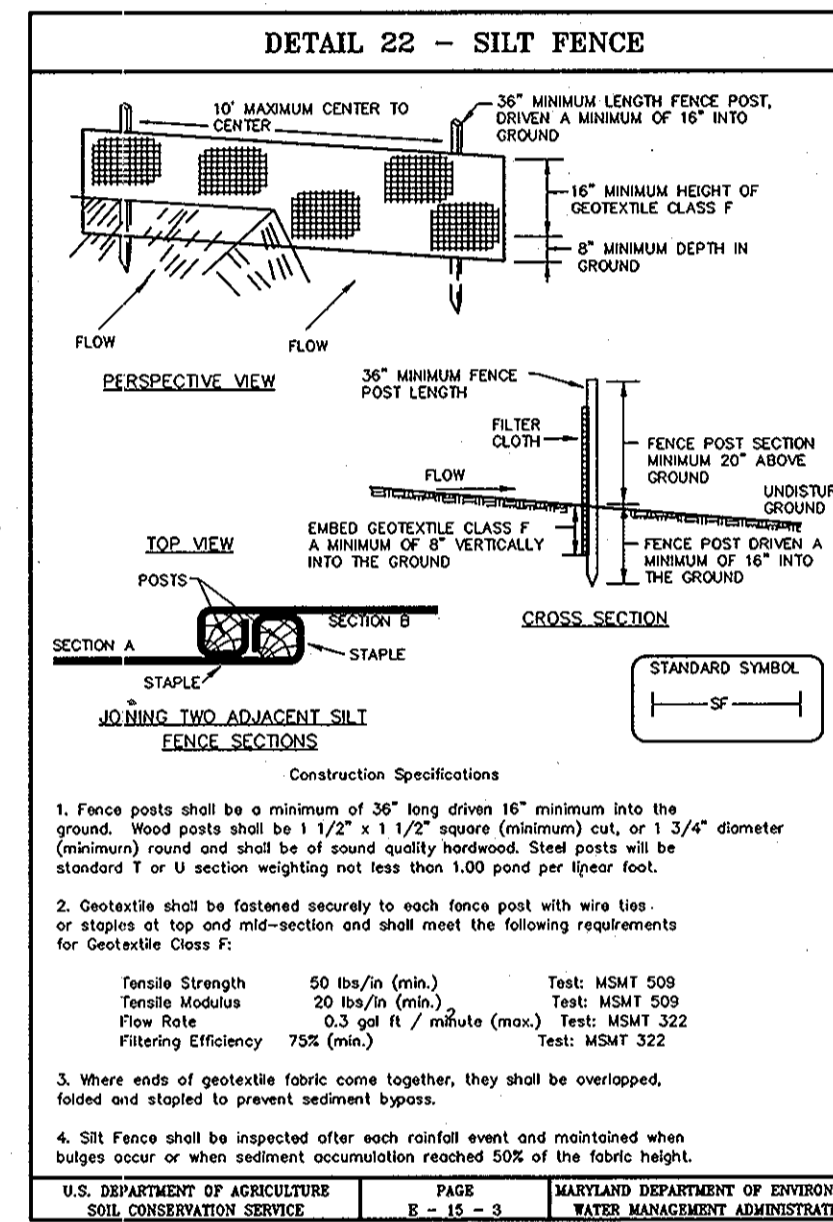
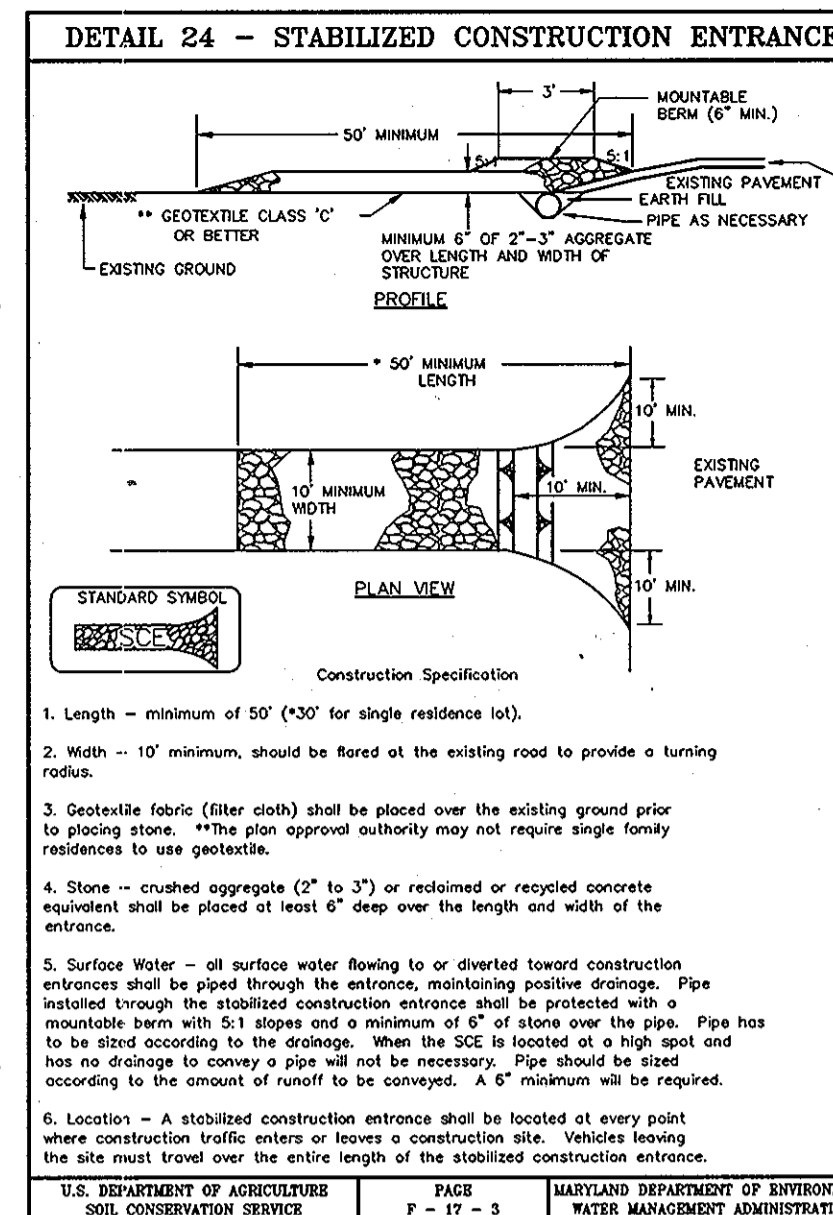
Controlling dust blowing and movement on construction sites and roads.

Purpose: To prevent blowing and movement of dust from exposed soil surfaces, reduce on and off-site damage, health hazards, and improve traffic safety.

Conditions Where Practice Applies: This practice is applicable to areas subject to dust blowing and movements where on and off-site damage is likely without treatment.

Specifications:
Temporary Methods:
1. Mulches - See standards for vegetative stabilization with mulches only. Mulch should be crimped or backed to prevent blowing.
2. Vegetative Cover - See standards for temporary vegetative cover.
3. Tillage - To roughen surface and bring clods to the surface. This is an emergency measure which should be used before soil blowing starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12' apart, spring-toothed harrows, and similar plows are examples of equipment which may produce the desired effect.
4. Irrigation - This is generally done as an emergency treatment. Site is sprinkled with water until the surface is moist. Repeat as needed. At no time should the site be irrigated to the point that runoff begins to flow.
5. Barriers - Solid board fences, silt fences, burlap fences, straw bales, and similar material can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 10 times their height are effective in controlling soil blowing.
6. Calcium Chloride - Apply at rates that will keep surface moist. May need retreatment.

Permanent Methods:
1. Permanent Vegetation - See standards for permanent vegetative cover, and permanent stabilization with sod. Existing trees or large shrubs may afford valuable protection if left in place.
2. Topsoiling - Covering with less erosive soil materials. See standards for topsoiling.
3. Stone - Cover surface with crushed stone or coarse gravel.



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

Signature and date of approval: 3/1/12

APPROVED PLANNING BOARD OF HOWARD COUNTY

Date: August 25, 2011

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Director: [Signature] Date: 3/1/12
Chief, Division of Land Development: [Signature] Date: 3/1/12
Chief, Development Engineering Division: [Signature] Date: 3/1/12

OWNER PARCELS D-3 & D-4:

G & R MAPLE LAWN, INC.
1829 REISTERSTOWN ROAD, SUITE 300
BALTIMORE, MD 21208
PH: 410-484-8400
ATTN: STEWART GREENEBAUM

OWNER LOTS 510 & 511:

MAPLE LAWN HOMEOWNERS ASSOC., INC.
1829 REISTERSTOWN ROAD, SUITE 300
BALTIMORE, MD 21208
PH: 410-484-8400
ATTN: MARK BENNETT

DEVELOPER'S/BUILDER'S CERTIFICATE

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND 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 HSCD.

Signature of Developer/Builder: [Signature] DATE: 2-15-2012

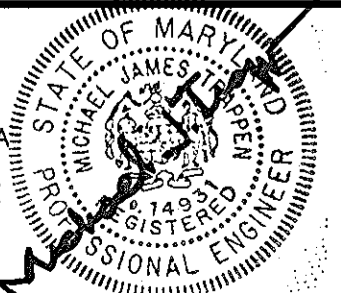
ENGINEER'S CERTIFICATE

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.

Signature of Engineer: [Signature] DATE: 2/16/12

PREPARED FOR & CONTRACT PURCHASER: PARCEL D-3 & D-4, BOZZUTO HOMES, INC. 7850 WALKER DRIVE, SUITE 400 GREENBELT, MD 20770 ATTN: TOM BAUM 301-446-2211

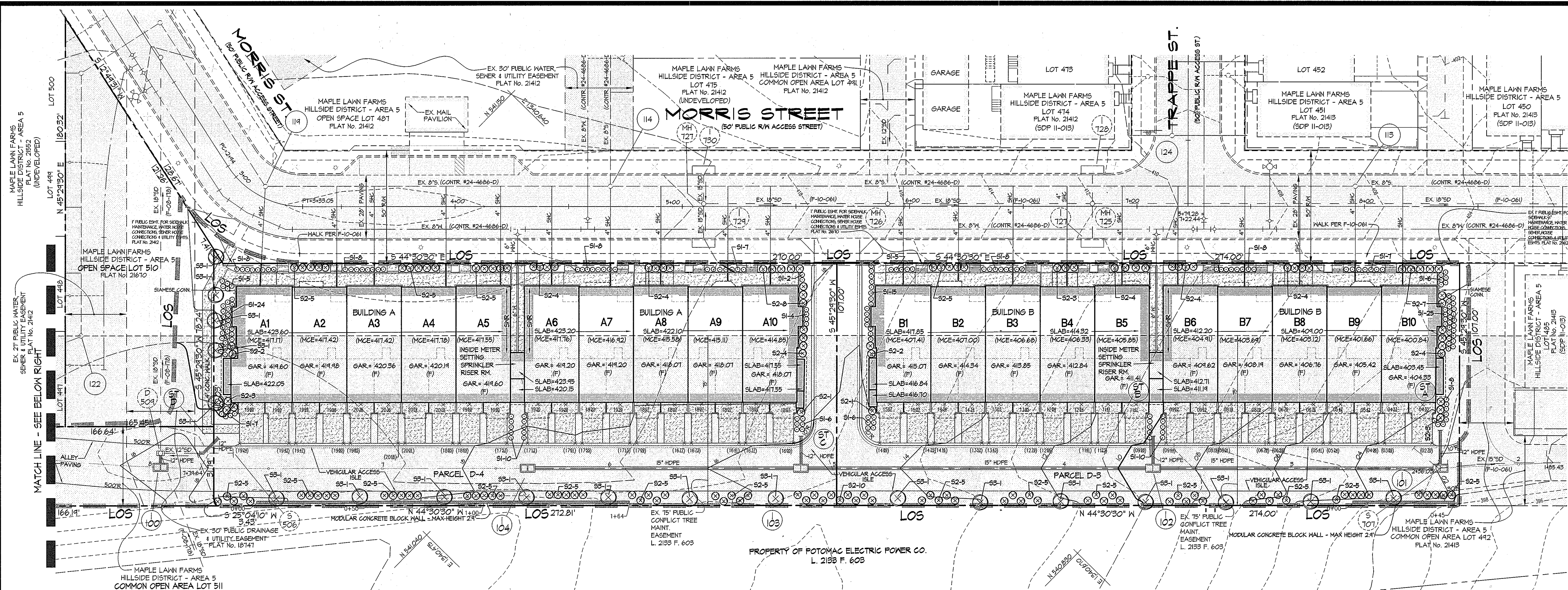
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 15891 EXPIRATION DATE: MAY 21, 2012



SEDIMENT CONTROL PLAN

MAPLE LAWN FARMS
HILLSIDE DISTRICT - AREA 5, PARCELS D-3 & D-4, OPEN SPACE LOT 510 and COMMON OPEN AREA LOT 511
PLAT No. 21668 thru 21670

Table with columns: SCALE (NONE), ZONING (MXD-3), G. L. W. FILE No. (11004), DATE (JAN, 2012), TAX MAP - GRID (41 - 22), SHEET (6 OF 8)

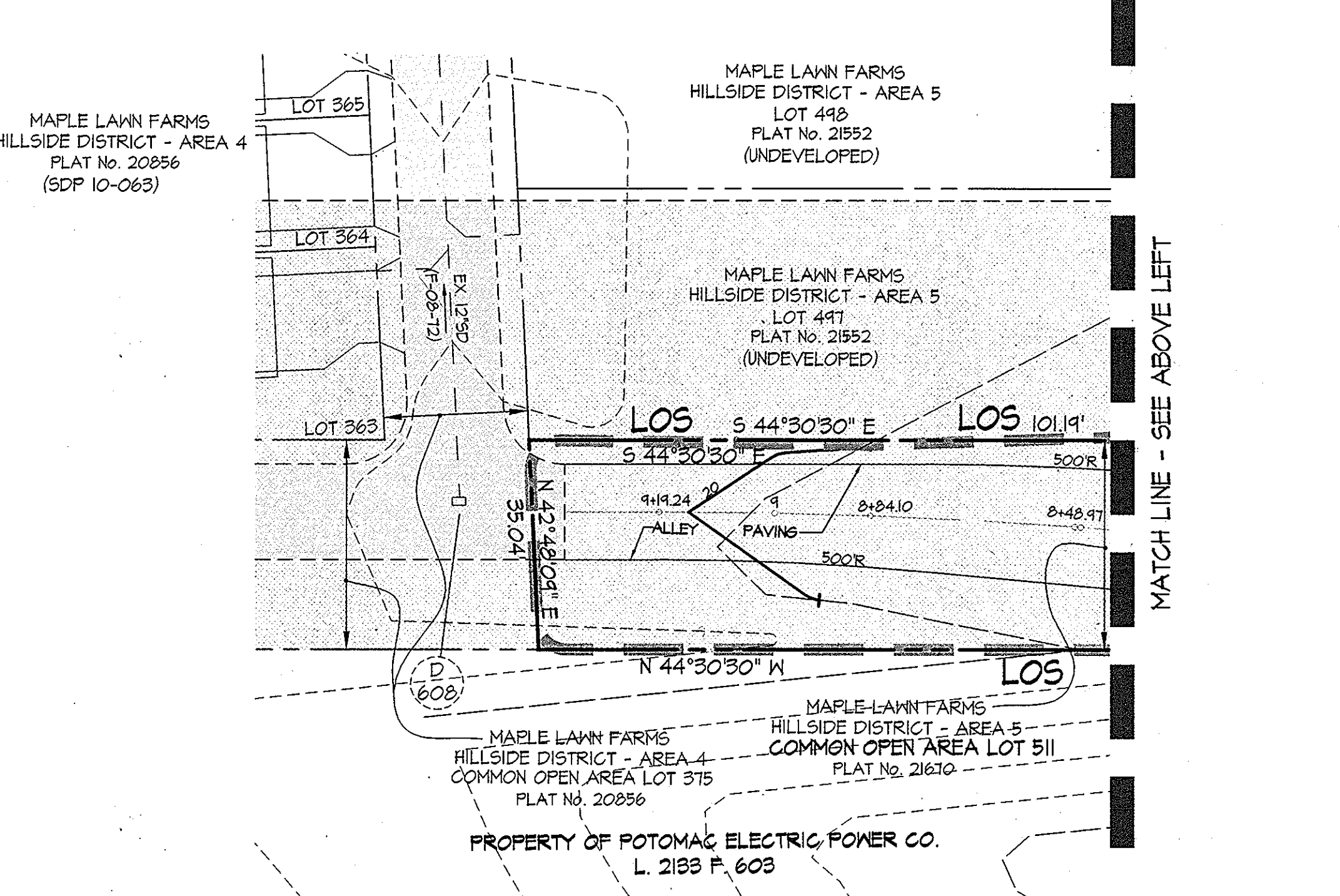
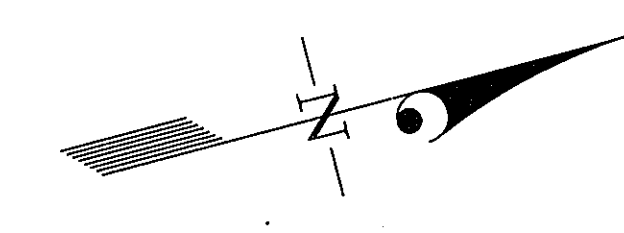
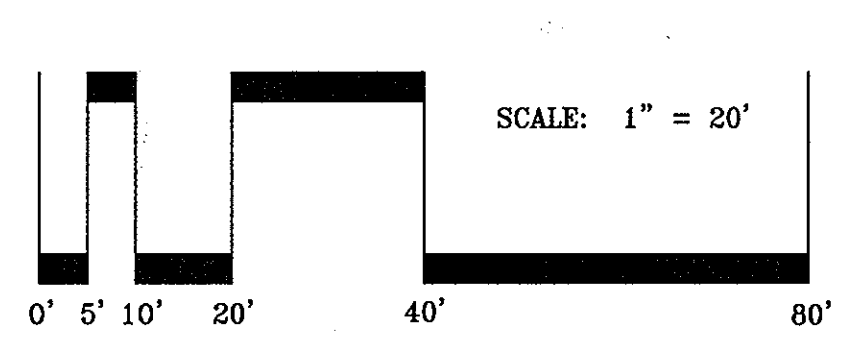


LEGEND

(X) SHRUBS

LANDSCAPE NOTES

- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE, THE LANDSCAPE MANUAL, AND THE MAPLE LAWN FARMS LANDSCAPE DESIGN CRITERIA.
- CONTRACTOR SHALL NOTIFY ALL UTILITIES AT LEAST (5) FIVE DAYS BEFORE STARTING WORK. ALL GENERAL NOTES, ESPECIALLY THOSE REGARDING UTILITIES, ON SHEET 101 SHALL APPLY.
- FIELD VERIFY UNDERGROUND UTILITY LOCATIONS AND EXISTING CONDITIONS BEFORE STARTING PLANTING WORK. CONTACT CONSTRUCTION MANAGER OR OWNER IF ANY RELOCATIONS ARE REQUIRED.
- PLANT QUANTITIES SHOWN ON THE PLAN LIST ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IF DISCREPANCIES EXIST BETWEEN QUANTITIES SHOWN ON THE PLAN AND THOSE SHOWN ON THE PLANT LIST, THE QUANTITIES ON THE PLAN SHALL TAKE PRECEDENCE.
- ALL PLANT MATERIAL SHALL BE FULL HEAVY, WELL FORMED, SYMMETRICAL, AND CONFORM TO THE A&N SPECIFICATIONS. ALL PLANT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THIS PLAN.
- NO SUBSTITUTION SHALL BE MADE WITHOUT PRIOR APPROVAL FROM HOWARD COUNTY DPZ AND THE OWNER OR HIS REPRESENTATIVE.
- ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES BUT NOT OTHERWISE PLANTED, PAVED, OR MULCHED SHALL BE SODED OR SEEDED IN ACCORDANCE WITH THE PERMANENT SEEDING SPECIFICATION. A MINIMUM OF 4" OF TOPSOIL SHALL BE PROVIDED TO ALL PLANTING AREAS (FOR TOPSOIL SPEC. SEE SHEET 12).
- THE CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING IF HE/SHE ENCOUNTERS SOIL DRAINAGE CONDITIONS THAT MAY BE DETRIMENTAL TO THE GROWTH OF THE PLANTS.
- ALL EXPOSED EARTH WITHIN THE LIMITS OF PLANTING BEDS SHALL BE MULCHED WITH SHREDDED HARDWOOD MULCH PER THE PLANTING DETAILS.
- DO NOT PLANT WITHIN THE PUBLIC WATER AND UTILITY EASEMENT.
- THE OWNER, TENANT AND OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS, BERMS AND FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, BE REPLACED WITH NEW MATERIALS TO INSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION AND WHEN NECESSARY, REPAIRED AND REPLACED.
- AT THE TIME OF PLANT INSTALLATION, ALL SHRUBS AND TREES LISTED AND APPROVED ON THE LANDSCAPE PLAN, SHALL COMPLY WITH THE PROPER HEIGHT REQUIREMENT IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATIONS OF THE REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THE APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO THE APPLICABLE PLAN.
- SCHEDULE 'C' (ON SHEET 8) IS PROVIDED FOR LANDSCAPE SURETY CALCULATION PURPOSES. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING PER THE SCHEDULE HAS BEEN POSTED AS PART OF THE GRADING PERMIT ASSOCIATED WITH THIS SDP. THE LANDSCAPE SURETY IS \$10,920.00 FOR THE FOLLOWING:
 364 SHRUBS @ \$30.00 EA = \$10,920.00
 FOR THE RELEASE OF THE SURETY, CONTACT HOWARD COUNTY DEPT. OF PLANNING & ZONING AT 410-318-2550.



APPROVED
PLANNING BOARD OF HOWARD COUNTY
 Date: August 26, 2011

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: Mark H. Wylie 2/15/12
 Chief, Division of Land Development: Kat Scholten 3/14/12
 Chief, Development Engineering Division: [Signature] 2/16/12

OWNER PARCELS D-3 & D-4:
 G & R MAPLE LAWN, INC.
 1829 REISTERSTOWN ROAD, SUITE 300
 BALTIMORE, MD 21208
 PH: 410-484-8400
 ATTN: STEWART GREENEBAUM

OWNER LOTS 510 & 511:
 MAPLE LAWN HOMEOWNERS ASSOC., INC.
 1829 REISTERSTOWN ROAD, SUITE 300
 BALTIMORE, MD 21208
 PH: 410-484-8400
 ATTN: MARK BENNETT

DEVELOPER'S/BUILDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

NAME: [Signature] DATE: 2-15-2012

THIS PLAN IS FOR PLANTING PURPOSES ONLY

GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20866
 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE	REVISION	BY	APP'R.

PREPARED FOR & CONTRACT PURCHASER
 PARCEL D-3 & D-4
 BOZZUTO HOMES, INC.
 7850 WALKER DRIVE, SUITE 400
 GREENBELT, MD 20770
 ATTN: TOM BAUM 301-446-2211

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS 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. 14581
 EXPIRATION DATE: MAY 21, 2012

LANDSCAPE PLAN AND NOTES

MAPLE LAWN FARMS
 HILLSIDE DISTRICT - AREA 5, PARCELS D-3 & D-4,
 OPEN SPACE LOT 510 AND COMMON OPEN AREA LOT 511
 PLAT No. 21668 thru 21670
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
1"=20'	MXD-3	11004
DATE	TAX MAP - GRID	SHEET
JAN, 2012	41 - 22	7 OF 8

SPECIFICATIONS: PLANT MATERIALS AND PLANTING METHODS

A. PLANT MATERIALS

THE LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL AND/OR DIG, BALL, BURLAP AND TRANSPORT ALL OF THE PLANT MATERIALS CALLED FOR ON DRAWINGS AND/OR LISTED IN THE PLANT SCHEDULE.

- 1. PLANT NAMES
PLANT NAMES USED IN THE PLANT SCHEDULE SHALL CONFORM WITH 'STANDARDIZED PLANT NAMES,' LATEST EDITION.
2. PLANT STANDARDS
ALL PLANT MATERIAL SHALL BE EQUAL TO OR BETTER THAN THE REQUIREMENTS OF THE 'NSA STANDARD FOR NURSERY STOCK,' LATEST EDITION, AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSEYMEN (HEREAFTER REFERRED TO AS 'NSA STANDARDS').
3. PLANT MEASUREMENTS
ALL PLANTS SHALL CONFORM TO THE MEASUREMENTS SPECIFIED IN THE PLANT SCHEDULE AS APPROVED BY THE DESIGN REVIEW COMMITTEE (DRC).
4. PLANT IDENTIFICATION
LEGIBLE LABELS SHALL BE ATTACHED TO ALL SHADE TREES, MINOR TREES, SPECIMEN SHRUBS AND BUNDLES OR BOXES OF OTHER PLANT MATERIAL...

B. PLANTING METHODS

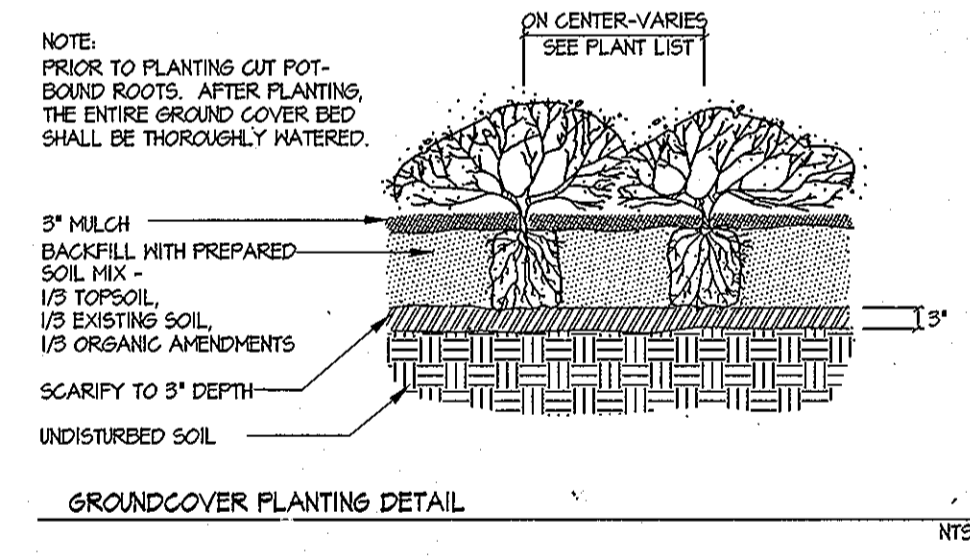
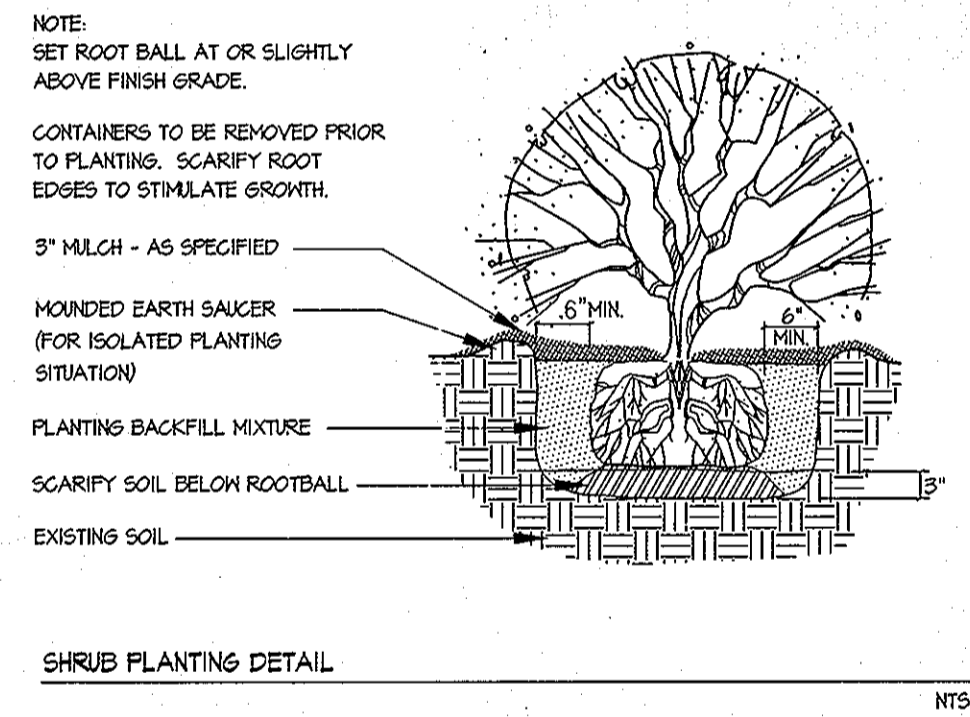
- 1. PLANTING SEASONS
THE PLANTING OF DECIDUOUS TREES, SHRUBS AND VINES SHALL BE FROM MARCH 15TH TO JUNE 15TH AND FROM SEPTEMBER 15TH TO DECEMBER 15TH.
2. DIGGING
ALL PLANT MATERIAL SHALL BE DUG, BALLED AND BURLAPPED (B4B) IN ACCORDANCE WITH THE 'NSA STANDARDS'.
3. EXCAVATION OF PLANT PITS
THE LANDSCAPING CONTRACTOR SHALL EXCAVATE ALL PLANT PITS, VINE PITS, HEDGE TRENCHES AND SHRUB BEDS IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:
A. LOCATIONS OF ALL PROPOSED PLANT MATERIAL SHALL BE STAKED AND APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT BEFORE ANY OF THE PROPOSED PLANT MATERIAL IS INSTALLED BY THE LANDSCAPE CONTRACTOR.
4. STAKING, GUYING AND WRAPPING
ALL PLANT MATERIAL SHALL BE STAKED OR GUYED, AND WRAPPED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

- B. WIRE AND CABLE
WIRE SHALL BE #10 GA. GALVANIZED OR BETHANIZED ANNEALED STEEL WIRE. FOR TREES OVER 3" CALIPER, PROVIDE 5/16" TURN BUCKLES, EYE AND EYE WITH 4" TAKE-UP.
C. HOSE
SHALL BE NEW 2-PLY REINFORCED RUBBER HOSE, MINIMUM 1/2" I.D.
D. ALL TREES UNDER 5" IN CALIPER ARE TO BE PLANTED AND STAKED IN ACCORDANCE WITH THE ATTACHED PLANTING DETAILS.
5. PLANT PRUNING, EDGING AND MULCHING
A. EACH TREE, SHRUB OR VINE SHALL BE PRUNED IN AN APPROPRIATE MANNER TO ITS PARTICULAR REQUIREMENTS, IN ACCORDANCE WITH ACCEPTED STANDARD PRACTICE.
6. PLANT INSPECTION AND ACCEPTANCE
THE DESIGN REVIEW COMMITTEE SHALL BE RESPONSIBLE FOR INSPECTING ALL PLANTING PROJECTS ON A PERIODIC BASIS TO ASSURE THAT ALL WORK IS PROCEEDING IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.

PLANT LIST table with columns: SYMBO, QUANT, SIZE, NAME (BOTANICAL/COMMON) OF PLANTS FOR SELECTION BY OWNER/BUYER, COMMENTS. Includes items S1, S2, S3.

SCHEDULE C RESIDENTIAL INTERNAL LANDSCAPING REQUIREMENTS table with columns: BUILDING, REQUIRED PLANTINGS, SHRUBS PROVIDED, COMMENTS. Includes rows for buildings A and B, and a TOTALS row.

COMMENTS:
A. ALL PLANT QUANTITIES ABOVE THE NUMBER REQUIRED ARE OPTIONAL.
B. OPTIONAL PLANT MATERIALS ARE VOLUNTARY AND NOT MANDATORY.
C. THE THREE REQUIRED SHADE TREES FOR THE SIDE AND REAR OF EACH BUILDING HAVE BEEN SUBSTITUTED WITH 30 SHRUBS FOR EACH BUILDING.



LANDSCAPE SURETY FOR REQUIRED TREES PER SCHEDULE-C:
364 SHRUBS @ \$300.00/SHRUB = \$10,920.00
TOTAL SURETY FOR SCHEDULE-C = \$10,920.00

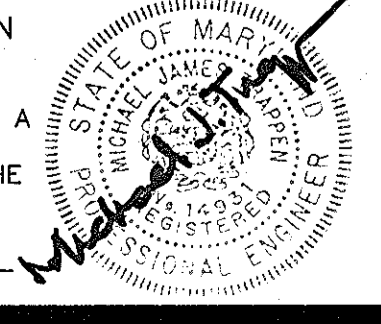
APPROVED
PLANNING BOARD OF HOWARD COUNTY
Date: August 25, 2011
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
Director: [Signature] Date: 2/15/12
Chief, Division of Land Development: [Signature] Date: 3/19/12
Chief, Development Engineering Division: [Signature] Date: 3/16/12

GLW GUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3959 NATIONAL DRIVE - SUITE 250 - BURTENVILLE OFFICE PARK
BURTENVILLE, MARYLAND 20866
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-589-2524 FAX: 301-421-4186

Table with columns: DATE, REVISION, BY, APPR. for tracking changes to the plan.

PREPARED FOR & CONTRACT PURCHASER
PARCEL D-3 & D-4
BOZZUTO HOMES, INC.
7850 WALKER DRIVE, SUITE 400
GREENBELT, MD 20770
ATTN: TOM BAUM 301-446-2211

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS 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. 14993
EXPIRATION DATE: MAY 21, 2012



LANDSCAPE NOTES & DETAILS
MAPLE LAWN FARMS
HILLSIDE DISTRICT - AREA 5, PARCELS D-3 & D-4,
OPEN SPACE LOT 510 AND COMMON OPEN AREA LOT 511
PLAT No. 21668 thru 21670
HOWARD COUNTY, MARYLAND

Table with columns: SCALE, ZONING, G. L. W. FILE No., DATE, TAX MAP - GRID, SHEET. Includes values like NONE, MXD-3, 11004, JAN, 2012, 41-22, 8 OF 8.