PERMANENT SEEDING NOTES

APPLY PERMANENT SEEDING TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEED BED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING OR DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING IF SOIL HAS NOT BEEN PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING METHODS:

1) PREFERRED METHOD: APPLY 2 TONS/ACRE OF DOLOMITIC LIMESTONE (92 LBS/1000 SF.) AND 1000 LBS/ACRE OF 10-10-10 FERTILIZER (23 LBS/1000 SF.) BEFORE SEEDING. HARROW OR INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/100 SF.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS PER ACRE (0.05 LBS/1000 SF.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT THESITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCHAND SEED AS SOON ASPOSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS PER ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SF.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR THE MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALS PER ACRE (5 GALS/1000 SF.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALS PER ACRE (8 GALS/1000 SF.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, RESEEDING AND REPLACEMENTS.

TEMPORARY SEDIMENT CONTROL MEASURES

APPLY TEMPORARY SEEDING TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEED BED PREPARATION: LOOSEN THE UPPER THREE INCHES OF SOIL BY RAKING OR DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING IF SOIL HAS NOT BEEN PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS/ACRE 10-10-10 FERTILIZER EQUIVALENT TO (14 LBS/1000 SF.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL/ACRE OF ANNUAL RYE. (3.2 LBS/1000 SF.) FOR THE PERIOD MAY 1 THRU AUG. 14 SEED WITH 3 LBS/ACRE OF WEEPING LOVEGRASS. (0.7 LBS/1000 SF.) FOR THE PERIOD NOVEMBER 15 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS 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 /ACRE (70 TO 90LBS/ 1000 SF.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL PER 1000 SF.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT. OR HIGHER USE 348 GAL PER ACRE (8 GAL PER 1000 SF.) FOR ANCHORING.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATES AND METHODS NOT COVERED HEREIN.

REQUIRED SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. CLEAR AND GRUB FOR INSTALLATION OF TEMPORARY SEDIMENT CONTROL MEASURES, SILT FENCE AND STONE CONSTRUCTION SENTRANCE.
3. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES.
4. UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR CLEAR AND GRUB SITE FOR CONSTRUCTION OF DWELLING, DRIVEWAY AND SIDEWALKS.
5. GRADE SITE AND CONSTRUCT DWELLING, DRIVEWAY AND SIDEWALKS PER THE PLAN.
6. STABILIZE ALL DISTURBED AREAS WITH SEED AND MULCH PER SCS STANDARD NOTES.
7. UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE ALL TEMPORARY SEDIMENT CONTROL MEASURES AND STABILIZE ALL DISTURBED AREAS AS PER PERMANENT SEEDING NOTES.

GENERAL NOTES FOR SEDIMENT CONTROL

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 TELEPHONE (410) 992-2437.

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 REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES INCLUDING DIKES PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3:1, b) 14 DATS AS TO ALL OTHER DISTURBAED AREAS ON THE PROJECT SITE.

4. ALL SEDIMENT TAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAP. 12, OF THE "HOWARD COUNTY DESIGN MANUAL, STORM DDRAINAGE".

5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, SECTION G – VEGETATIVE PRACTICES FOR METHODS AND MATERIALS SECTION I, TEMPORARY SEEDINGS SECTION II, PERMANENT SEEDINGS SECTION III, SOD SECTION IV. TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN THE RECOMMENDED SEEDING DATES 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. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY CONSTRUCTION OFUTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

8. ADDITIONAL SEDIMENT CONTROL MEASURES MUST BE PROVIDED , IF DEEMED NECESSARY BY HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

9. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2.0 ACRES APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, AND 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.

10. SITE ANALYSIS:

TOTAL AREA OF SITE	0.313 ACRES (13,650 SF)
AREA DISTURBED	13650 SF
AREA TO BE ROOFED OR PAVED	4,758 SF
AREA TO BE VEGETATIVELY STABILIZED	9,072 SF
TOTAL VOLUME OF CUT	330 CY.
TOTAL VOLUME OF FILL	330 CY.
OFFSITE WASTE/BORROW AREA LOCATION	NA

SOILS LEGEND

SYMBOL	NAME/DESCRIPTION	SOIL GROUP
LgC3	LEGORE SILTY CLAY LOAM, 8-15% SLOPES, SEVERELY ERODED	B

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN OF 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 THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT"

[signature] 7-3-07
CHARLES R. CROCKEN, P.E. REG. No. 7803 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 PEERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AS A DEPT. 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."

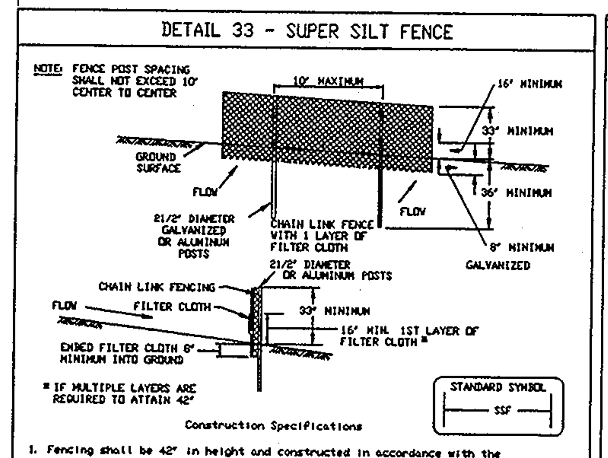
[signature] 7/02/07
DEVELOPER: DATE

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS:
[signature] 7/10/07
USDA NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[signature] 7/10/07
HOWARD SCD DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
[signature] J.P. 11/16/07
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
[signature] 11/19/07
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
[signature] 11/19/07
DIRECTOR DATE

DETAIL 33 - SUPER SILT FENCE



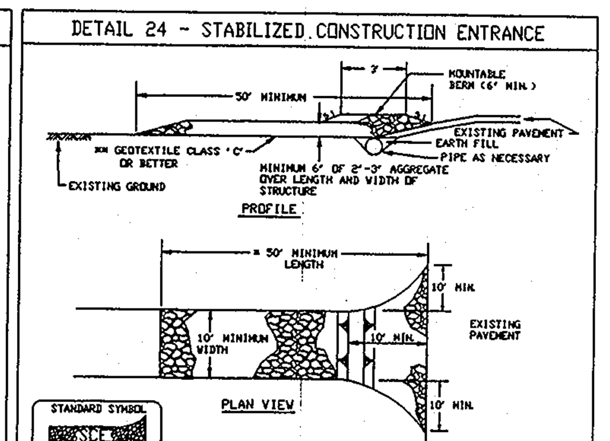
Construction Specifications

1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6' fence shall be used, substituting 42" fabric and 6' length posts.
2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
4. Filter cloth shall be embedded a minimum of 8" into the ground.
5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
6. Maintenance shall be performed as needed and silt buildups removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft²/minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE | PAGE H - 26 - 3 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

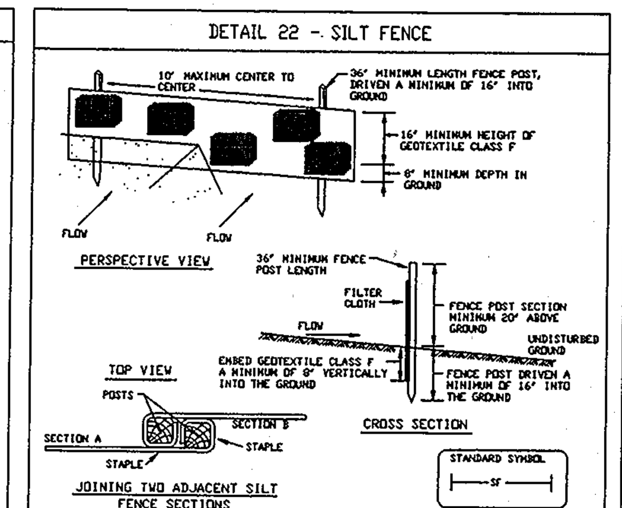


Construction Specification

1. Length - minimum of 50' (*30' for single residence lot).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.
4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE | PAGE F - 17 - 3 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL 22 - SILT FENCE



Construction Specifications

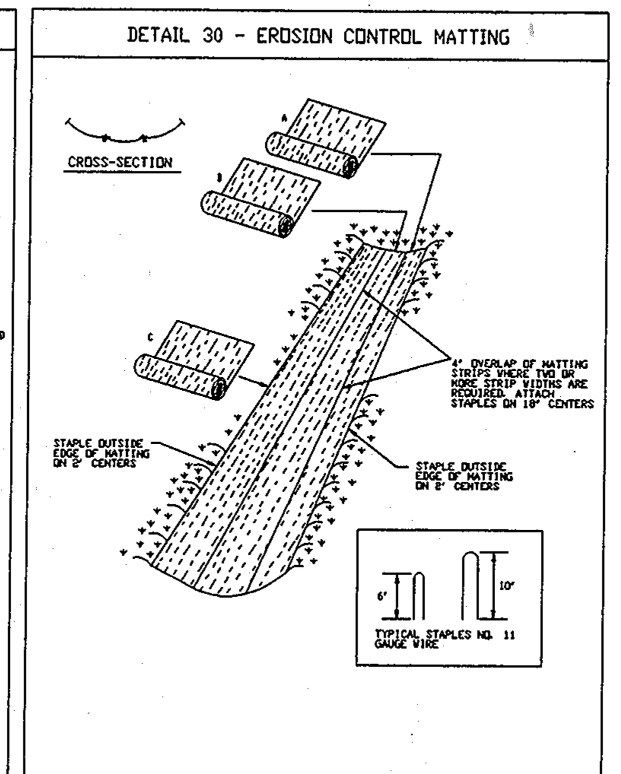
1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal ft²/ minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE | PAGE E - 15 - 3 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL 30 - EROSION CONTROL MATTING



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE | PAGE G - 22 - 2 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES			ADJACENT TO ROADWAYS
Perimeter/Frontage Designation Landscape Type	1 A	2 A	3 A	4 NA
Linear Feet of Roadway Frontage/Perimeter	105'	130'	105'	NA
Number of Plants Required Shade Trees Evergreen Trees	2 (1:60) –	2 (1:60) –	2 (1:60) –	NA NA
Credit for Existing Vegetation Shade Trees Evergreen Trees ** LF OF 20' LANDSCAPE EDGE	NO – – –	NO – – –	NO – – –	NO – – –
Number of Plants Provided Shade Trees Evergreen Trees Other Trees (2:1 Substitution) Shrubs (10:1 Substitution) (Describe Plant Substitution Credits Below if needed)	2 – – –	– – 4 –	2 – – –	NA NA – –

THIS LIST INCLUDES LANDSCAPE MATERIAL FOR PERIMETER LANDSCAPE EDGE

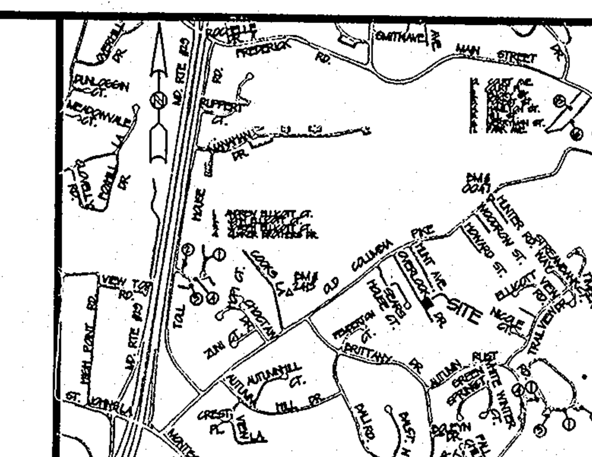
PLANT LIST

SYMBOL	QUANTITY	BOTANICAL/COMMON NAME	SIZE	REMARKS
(symbol)	4	ACER RUBRUM "OCTOBER GLORY" OCTOBER GLORY RED MAPLE	2.5-3" CAL., B&B	12'-14' HT.
(symbol)	4	ACER GRISEUM/ PAPERBARK MAPLE	2.5-3" CAL., B&B	12'-14' HT.

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 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF NOTICE, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

[signature] 7/02/07
DATE



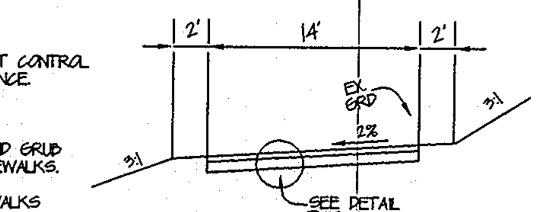
UNLESS OTHERWISE NOTED NO EXISTING TREES ARE TO BE REMOVED FOR THE PLANNED IMPROVEMENTS

LANDSCAPE NOTES:

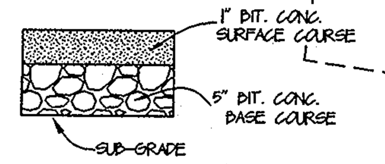
1. THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, PLANT MATERIALS, BERMS, FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION
2. AT THE TIME OF INSTALLMENT, ALL SHRUBS AND OTHER PLANTINGS HEREWITH LISTED AND APPROVED FOR THIS SITE SHALL BE OF PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THIS 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 APPLICABLE PLANS AND CERTIFICATES.

GENERAL NOTES:

1. CURRENT ZONING IS R-20 PER 02/02/04 COMPREHENSIVE ZONING PLAN, AND THE COMP. LITE ZONING AMENDMENTS EFFECTIVE 7/28/06.
2. IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS, PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
3. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE REQUIRED WETLANDS, STREAM(S) OR THEIR BUFFERS AND FOREST CONSERVATION EASEMENT AREAS.
4. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS.
   A) WIDTH – 12' (16' SERVING MORE THAN ONE RESIDENCE).
   B) SURFACE – 6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN).
   C) GEOMETRY – MAX. 15% GRADE, MAX. 10% GRADE CHANGE, AND MIN. 45 TURNING RADIUS.
   D) STRUCTURES (CULVERTS/BRIDGES) CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
   E) DRAINAGE ELEMENTS – CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
   F) MAINTENANCE – SUFFICIENT TO INSURE ALL WEATHER USE.
5. 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 THE START OF WORK.
6. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
7. THE EXISTING TOPOGRAPHY IS FIELD RUN PREPARED BY C.R.C. & ASSOC., INC. ON OR ABOUT 11/06
8. COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS #0047 AND NO.#2413
   GEODETIC CONTROL STATION: NO.0047 N177,365.2033 E1,368,444.112 ELEV. 353.57
   GEODETIC CONTROL STATION: NO.2413 N176,982.1381 E1,360,450.499 ELEV. 123.0703
9. EXISTING UTILITIES ARE PLOTTED FROM HOWARD COUNTY UTILITY DRAWINGS AND FIELD LOCATED WHERE POSSIBLE.
10. ANY DAMAGE DUE TO THE CONTRACTORS ACTIVITIES DONE TO COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
11. SHC ELEVATIONS SHOWN ARE LOCATED AT THE PROPERTY LINE.
12. FOR DRIVEWAY ENTRANCE DETAILS REFER TO THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD DETAL R- 6.06
13. THIS PROJECT IS EXEMPT FROM THE REQUIREMENTS OF FOREST CONSERVATION IN ACCORDANCE WITH SECTION 16.1202 (b)(1)(i) OF HOWARD COUNTY CODE SINCE THIS SITE DEVELOPMENT IS ON LAND WHICH IS LESS THEN 40,000 SQUARE FEET IN SIZE
14. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE, THE LANDSCAPE MANUAL AND SCHEDULE 'A' FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING WILL BE PROVIDED WITH THE GRADING PERMIT IN THE AMOUNT OF $1800.00 FOR (8) SHADE TREES
15. THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL 45-2003 AND THE ZONING REGULATIONS AS AMENDED BY COUNCIL BILL 75-2003. DEVELOPEMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPEMENT PLAN, WAIVER PETITION APPLICATION, OR BUILDING/GRADING PERMIT.
16. TYPICAL HOUSE DIMENSIONS AND SCHEMATIC ARE SHOWN ON THIS SHEET.
17. THERE ARE NO WETLANDS LOCATED WITHIN THE SITE AS PER THE WETLAND REPORT PREPARED BY: MAR-LEN ENVIRONMENTAL DATED: 8/9/05
18. SUBJECT PROPERTY IS LOCATED ON TAX MAP NO. 25, PARCEL 96
19. ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
20. THIS SITE IS EXEMPT FROM STORMWATER QUALITY MANAGEMENT BECAUSE LESS THEN 5,000 SQUARE FEET OF IMPERVIOUS AREA IS PROPROSED.
21. NO CLEARING OR GRADING PERMITED BEYOND THE LIMIT OF DISTURBANCE.
22. CONTRACTOR SHALL CHECK THE SEWER HOUSE CONNECTION ELEVATIONS AT THE PROPERTY LINE PRIOR TO CONSTRUCTION.
23. THERE ARE NO HISTORIC STRUCTURES LOCATED ON THE SITE.
24. THE EXISTING 24' U.I.C. DRIVEWAY ACCESS & UTILITY EASEMENT IS RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MD. BY DEED OF EASEMENT IN LIBER , FOLIO . DATED __/__/__
25. A DECLARTION OF MAINTENANCE OBLIGATION FOR THE USE IN COMMON ACCESS EASEMENT FOR PARCELS 1 & 2 IS RECORED IN THE LAND RECORDS OF HOWARD COUNTY MARYLAND IN LIBER ___/___ DATED __/__/__
26. THE DEPARTMENT OF PLANNING AND ZONING WILL NOT ALLOW ANY FUTURE BREEZEWAY ADDITION, PORCH OR DECK CONNECTIONS BETWEEN THE HOUSE AND THE GARAGE WITHIN THE 30' REAR BRL ANY FUTURE ADDITION WILL CREATE A ZONING VIOLATION.



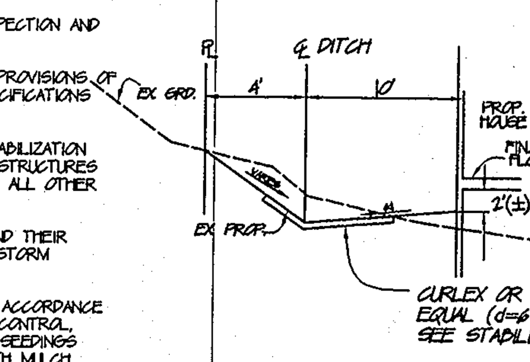
USE-IN-COMMON DRIVEWAY DETAIL
NOT TO SCALE



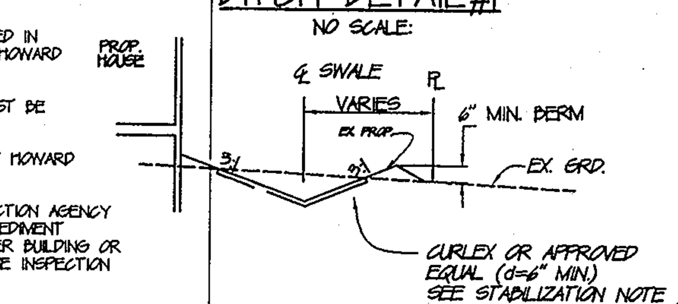
USE-IN-COMMON DRIVEWAY PAVING SECTION (P-1)
NOT TO SCALE

AS-BUILT CERTIFICATION

I HEREBY CERTIFY, THE AS-BUILT INFORMATION SHOWN HEREON IS CORRECT AS SHOWN AND THAT THE PUBLIC STORM DRAINAGE IMPROVEMENTS ARE LOCATED WHOLLY WITHIN THE RIGHT OF WAY OF OVERLOCK ROAD.
BY: CHARLES R. CROCKEN P.E. MD.REG. #7803.
5-1-2012.
(SEAL: STATE OF MARYLAND CHARLES R. CROCKEN NO. 7803 REGISTERED PROFESSIONAL ENGINEER)
[signature]
EXP. DATE 4-22-13



DITCH DETAIL #1
NO SCALE:



DITCH DETAIL #2
NO SCALE:

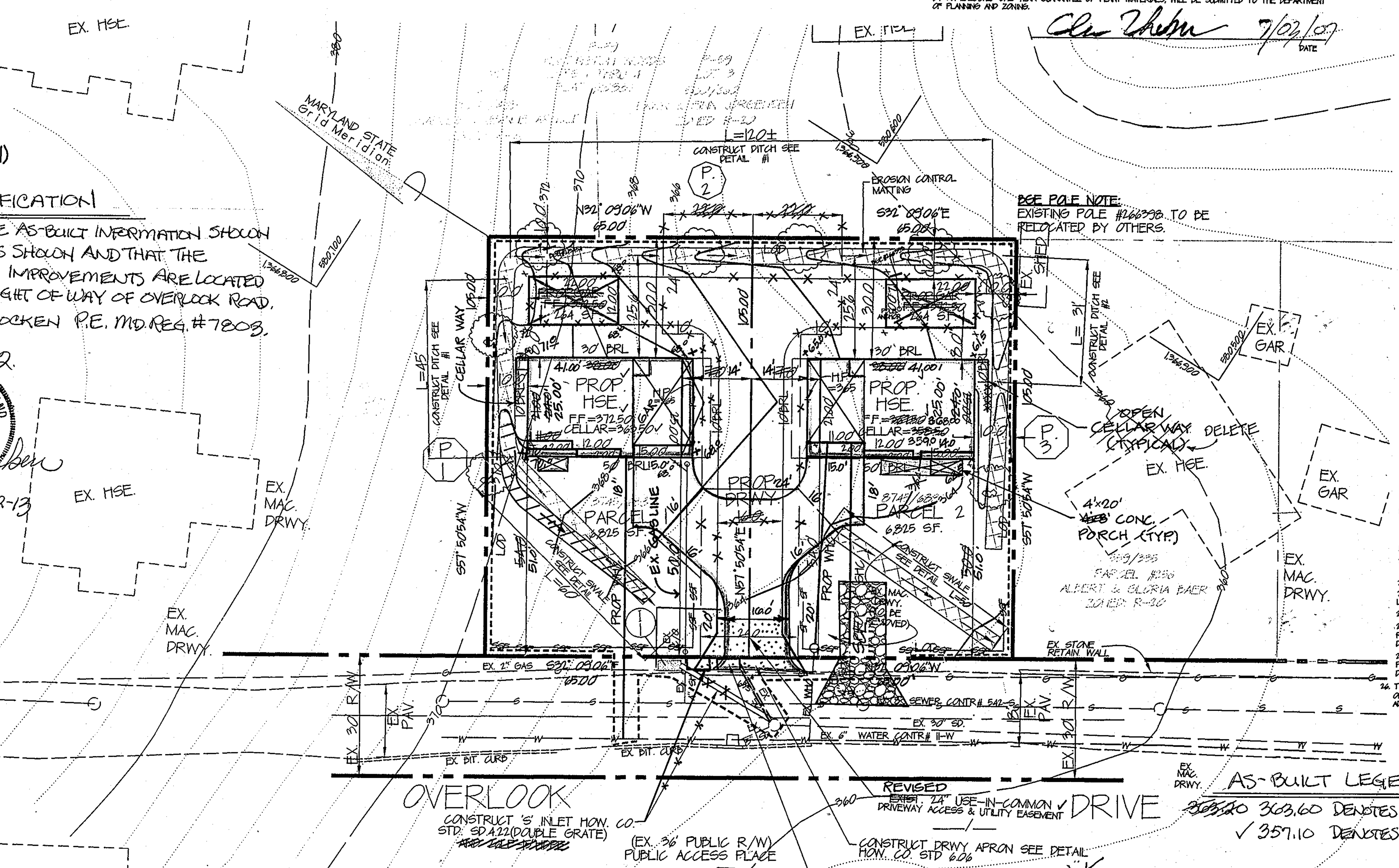
SWALE DETAIL
NO SCALE:

STABILIZATION NOTE:

1. PLACE 2" TOPSOIL, FERTILIZER, SEED & MULCH ALL DISTURBED AREAS PER SCS STD. SPECIFICATIONS.
2. STABILIZE ALL DITCHES & SWALES WITH DITCH STABILIZATION MATTING "CURLEX" OR APPROVED EQUAL IN ACCORDANCE WITH SCS STD. DETAIL PG. G-22-2

LEGEND

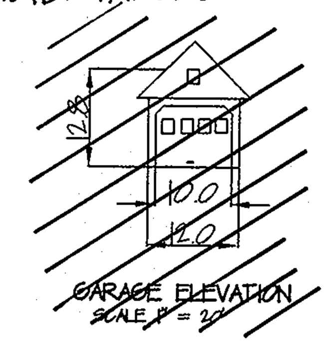
Existing Contour	------------382
Proposed Contour	—(82)—
Spot Elevation	+82.53
Direction of Flow	←
Existing Trees to Remain	(symbol)
Light Poles	Post Top / Overhead / Bollard
Shade Trees	EXIST. PROP.
Evergreen Trees	EXIST. PROP.
Perimeter Landscape Edge	(P. B)
Limit of Disturbance	LOD



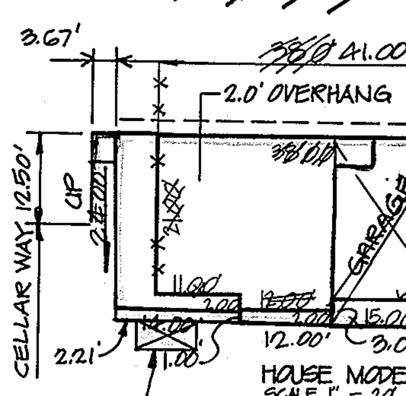
AS-BUILT LEGEND

~~363.20~~ 363.60 DENOTES AS-BUILT ELEV.
✓ 357.10 DENOTES SATISFACTORY ELEV.

NOTE: PARCEL #2 = OPPOSITE HAND (SEE PLAN FOR PORCH)



GARAGE ELEVATION
SCALE 1" = 20

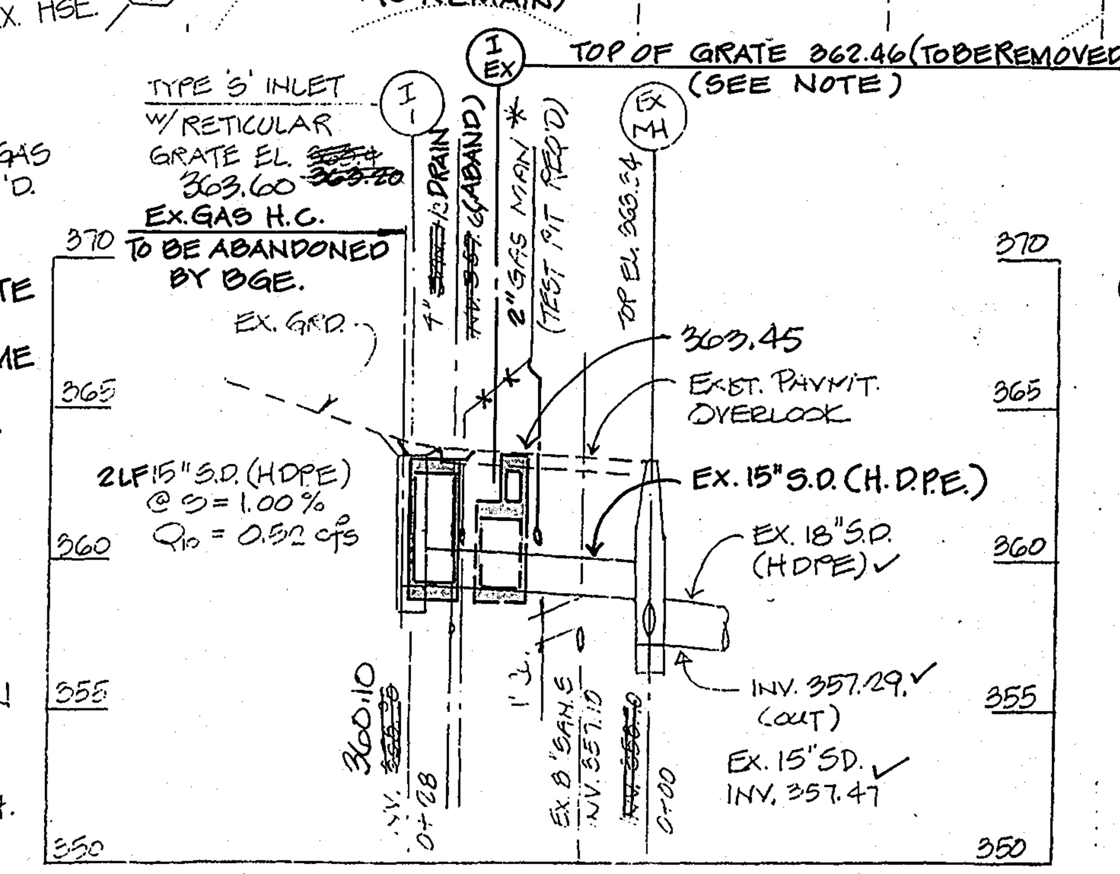


4'x8' CONC. PORCH
HOUSE MODEL
SCALE 1" = 20
HOUSE SHOWN = PARCEL #1

HOUSE ELEVATION
SCALE 1" = 20

*NOTE:
TEST PIT EX. 2" GAS RELOC. AS REQ'D.

EXISTING INLET NOTE
REMOVE EX. FRAME & GRATE REPLACE WITH 6" REINF. CONC. SLAB & STD. MH FRAME & COVER HOW. CO. STD G5.51 ELEV. MH COVER TO MATCH APRON.



STORMDRAIN PROFILE
Scale: 1"=5'V. 1"=20'H.

SITE ANALYSIS

AREA OF PARCELS = 0.313 AC±
AREA OF PLAN SUBMISSION = 0.313 AC±
PRESENT ZONING = R-20
PROPOSED USE OF STRUCTURES SINGLE FAMILY
UNITS ALLOWED = 2
UNITS PROVIDED = 2
OPEN SPACE ON SITE = N/A
HOWARD COUNTY FILE NO'S: F# FROM PLAT

ADDRESS CHART	
LOT # 1	4043 OVERLOOK DRIVE
LOT # 2	4045 OVERLOOK DRIVE

7-3-07
(SEAL: STATE OF MARYLAND CHARLES R. CROCKEN NO. 7803 REGISTERED PROFESSIONAL ENGINEER) [signature]

PERMIT INFORMATION

SUBDIVISION NAME:		SECTION/AREA			LOT/ PARCEL #
N/A		N/A			#96
PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MAP	ELECTION DISTR.	CENSUS TRACT
10052/599	N/A	R-20	#25	2ND	602800
WATER CODE: F-04			SEWER CODE: 1400515		

NO.	DATE	REVISION	
4	4-30-11	REVISED INLET I-1 LOCATION	CRC
3	2-8-11	REVISED PORCH & DELETED CELLAR WAY PARCEL 2	CRC
2	7-21-10	REVISED HOUSE ADDED PORCH & CELLAR WAY	CRC
1	1-8-09	REVISE HOUSE MODEL & DRWY. DELETE DETACHED GARAGE	CRC

SITE DEVELOPEMENT PLAN
FOR
OVERLOOK PRESERVE
AS-BUILT PLAN
4043 & 4045 OVERLOOK DRIVE
SINGLE FAMILY DETACHED
LIBER 10662/FOLIO 591, PARCELS 1 & 2

TAX MAP 25, GRID 13, PARCEL #96
2ND ELECTION DISTRICT
DATE: 04/07/06
ZONED R-20
HOWARD COUNTY, MARYLAND

DES.	CHC
CHK.	CRC
DRW.	CHC

PREPARED BY:
CHARLES R. CROCKEN & ASSOCIATES, INC.
CIVIL ENGINEERING ~ LAND PLANNING
P.O. BOX 307
WESTMINSTER, MARYLAND
PH. 410-549-2708
FAX 410-549-3063

DEVELOPER:
CHRISTOPHER RACHUBA
RACHUBA HOME BUILDERS, INC.
946 A MARIMICH CT.
ELDERSBURG, MD 21784
PH. 410-781-3400
FAX 410-781-3475

OWNER:
JERRY E. NAYLOR &
SUSAN A. NAYLOR
6022 HOSTA CT
ELKRIDGE, MD 21075
PH. 410-796-1656

SCALE: 1" = 20
SHEET 1 OF 1

SDP-07-072