

LAYOUT 7/10/07 (K00) INSP 4 _____
INSP 2 7/10/07 (K00) INSP 5 _____
INSP 3 7/25/07 (B13) INSP 6 _____

ISSUE DATE: 07/05/2007

APPROVAL DATE: 7/25/07

PERMIT

P 527241

A 27907

TAX ID # 05-387078
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Mayne's Backhoe IS PERMITTED TO INSTALL ALTER

ADDRESS: 11723 Legore Bridge Road, Keymar PHONE NUMBER: 301-898-0955

SUBDIVISION: Chris Mar Estates LOT NUMBER: 5

ADDRESS: ~~13447~~ Highland Rd PROPERTY OWNER: Trinity Quality Homes Inc

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: _____

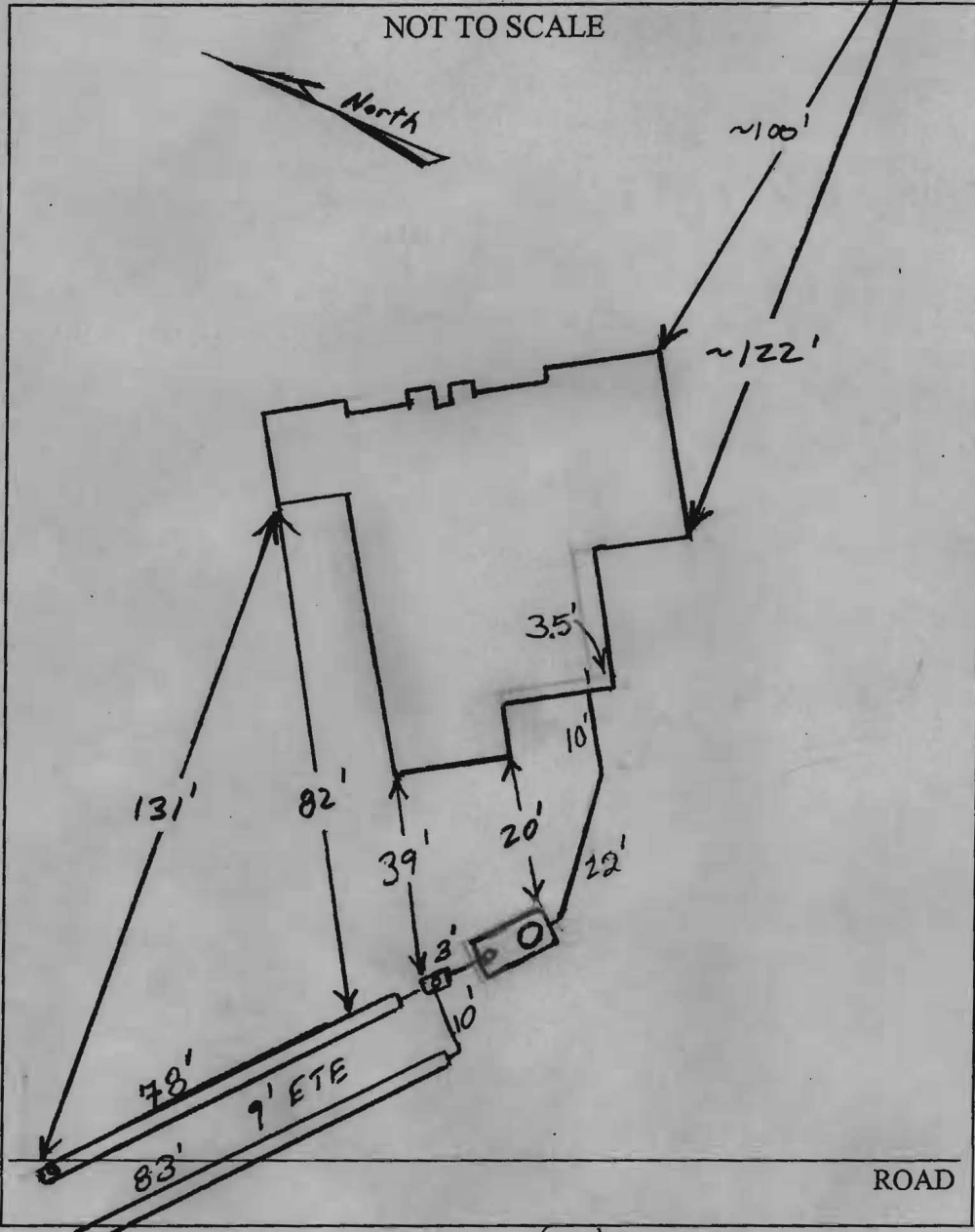
LINEAR FEET OF TRENCH REQUIRED: 155

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	
NOTES:	

PLANS APPROVED: Ashley Trump DATE: 2/2/07

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3-3.5'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		160'
ABSORPTION AREA		483' + SW
DISTRIBUTION BOX LEVEL		Level 5
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL		Yes
Capacity	2000	GAL
SEAM LOC	Top	
TANK LID DEPTH	2'-2.5'	
BAFFLES	Yes	
BAFFLE FILTER	—	
MANHOLE LOC	Front	
6" PORT LOC	Rear	
WATERTIGHT TEST	—	
SEPTIC TANK 2 LEVEL		
Capacity		GAL
SEAM LOC		
TANK LID DEPTH		
BAFFLES		
BAFFLE FILTER		
MANHOLE LOC		
6" PORT LOC		
WATERTIGHT TEST		

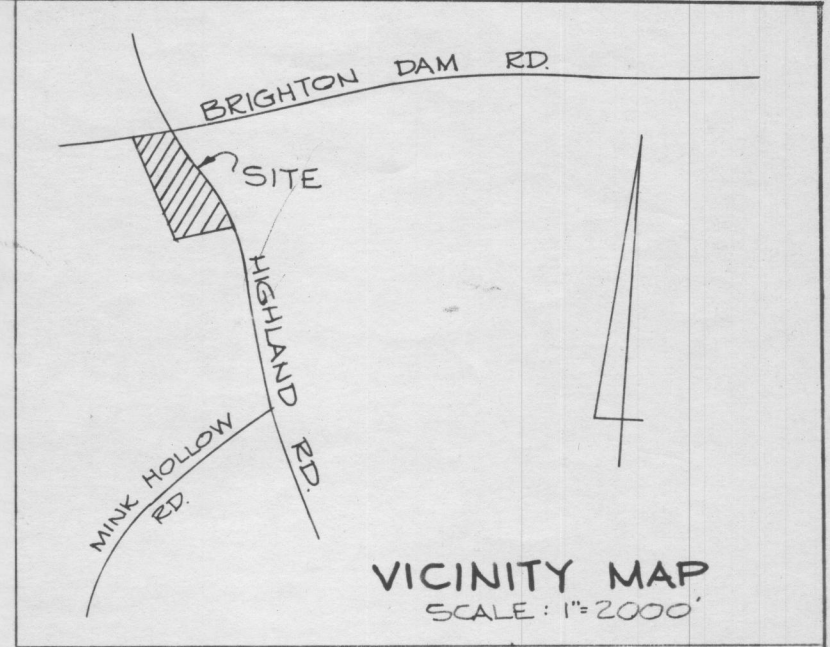
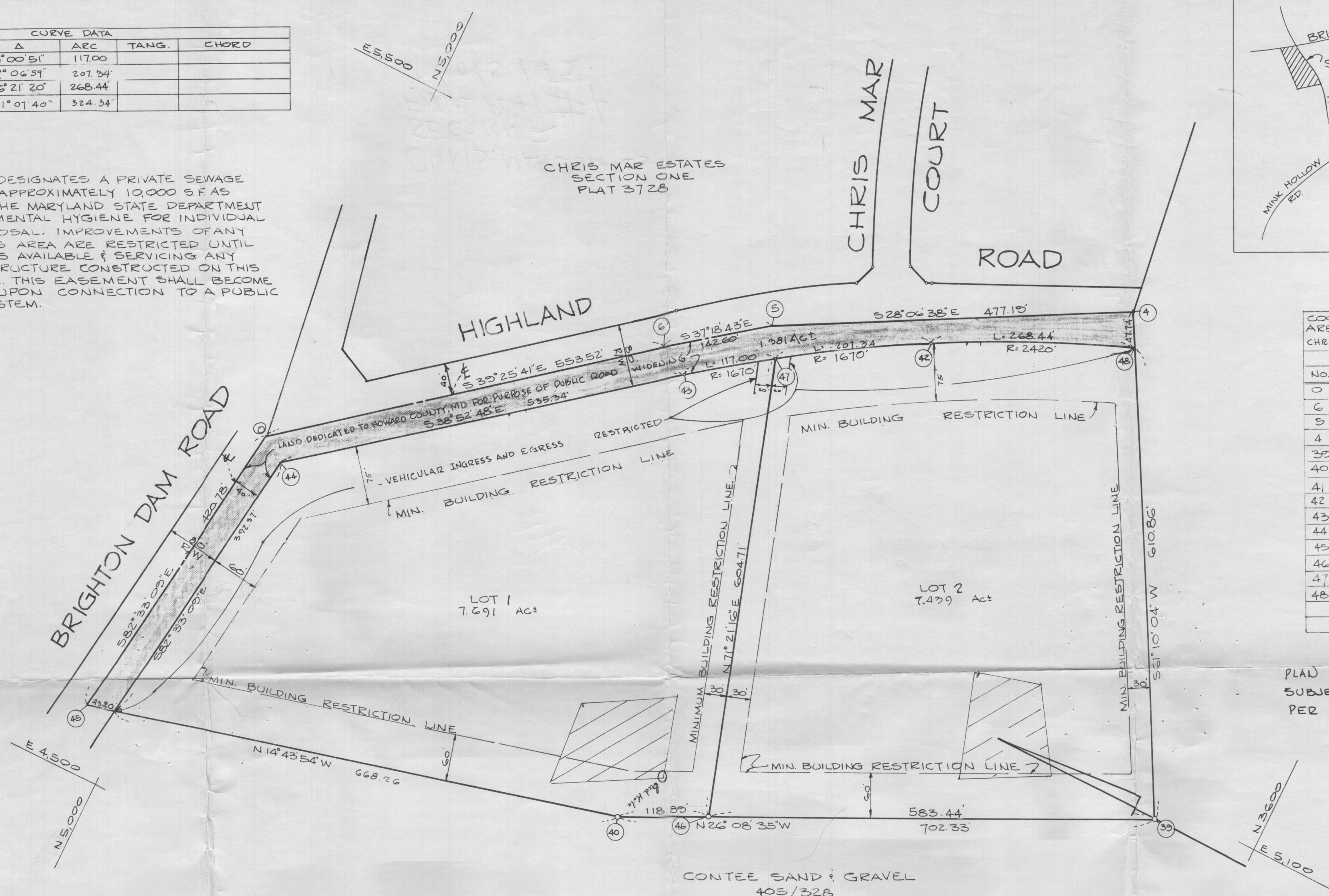
Babylon
2 comp
sloated

PRE-CONSTRUCTION 7/10/07 (am) set tank per plan. Place
 D box directly after s.t. Install a 75' and 80'
 INSTALLATION trench on contour. Contour runs straight
 across top part of s.d.a. 7/10/07 (pm) Tank and
 D box installed w/ kerbs. Trenches complete.
 OK to backfill. Contractor to finish house
 connection. Only 20' of pipe installed before tank.
 Need to see the portion of house connection. (150)
7/25/07 House connection made. Sys. complete (63)

FINAL INSPECTOR K. Wall DATE OF APPROVAL 7/25/07

CURVE DATA					
NO.	RADIUS	Δ	ARC	TANG.	CHORD
43-47	1670'	4°00'51"	117.00'		
47-42	1670'	7°06'59"	207.34'		
42-48	2420'	6°21'20"	268.44'		
43-42	1670'	11°07'40"	324.34'		

NOTE:
 THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE & SERVICING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THIS BUILDING SITE. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM.



COORDINATES SHOWN HEREON ARE BASED ON ASSUMED SYSTEM.
 CHRIS MAR ESTATES SECTION ONE
 COORDINATE SCHEDULE

No.	NORTH	EAST
0	5,000.00	5,000.00
6	4,587.51	5,338.84
5	4,474.49	5,425.28
4	4,053.59	5,650.12
39	3,735.98	5,073.16
40	4,366.48	4,763.63
41	5,054.35	4,582.77
42	4,274.57	5,496.72
43	4,545.17	5,318.85
44	4,961.91	4,982.82
45	5,017.99	4,592.38
46	4,259.75	4,816.07
47	4,451.60	5,389.04
48	4,030.57	5,608.30

PLAN SUBJECT TO V.P. 79-52
 SUBJECT PROPERTY ZONED 'R'
 PER 10-3-1977

TABULATION

1. TOTAL AREA OF SUBDIVISION	16.511 ACT
2. LAND DEDICATED TO HOWARD COUNTY FOR ROAD R/W	1.381 ACT
3. TOTAL AREA OF LOTS	15.130 ACT
4. TOTAL No. OF LOTS	2

APPROVED: FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
 COUNTY HEALTH OFFICER: _____ DATE: 4-9-79

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.
 DIRECTOR: _____ DATE: 4-11-79

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPT. OF PUBLIC WORKS.
 DIRECTOR: _____ DATE: 4-11-79

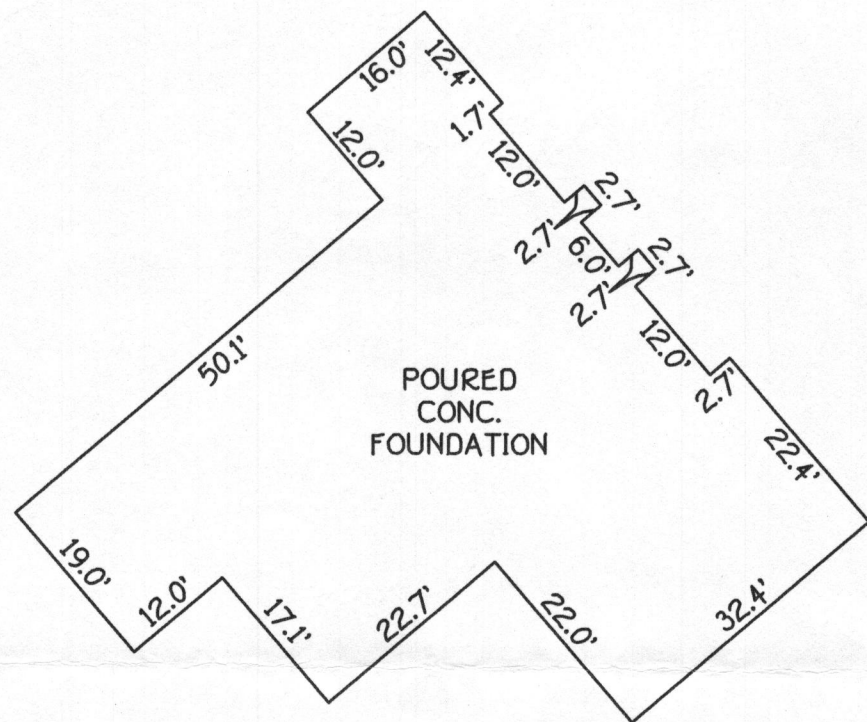
SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECTED, THAT IT IS A SUBDIVISION OF PART OF THE LANDS GRANTED & CONVEYED TO BRIGHTON DAM LTD. PARTNERSHIP BY A DEED DATED JAN. 24, 1972 & RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 585 FOLIO 314 & THAT ALL MONUMENTS ARE IN PLACE AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.
 WALTER PARK
 WALTER PARK REG. L.S. #3337
 HUDKINS ASSOCIATES INC
 231 JOSEPH SQUARE
 COLUMBIA, MD. 21044

OWNER'S CERTIFICATE
 I, MELVIN M. KOLODIN OWNER OF THE LAND SHOWN AND DESCRIBED HEREON HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING & ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES & GRANT UNTO HOWARD CO. MD, ITS SUCCESSORS & ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT & MAINTAIN SEWERS, DRAINS, WATER PIPES, & OTHER MUNICIPAL UTILITIES & SERVICES, IN & UNDER ALL ROADS & STREET RIGHT OF WAYS & THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) DEDICATE TO PUBLIC USE THE BEDS OF THE STREETS & OR ROADS & FLOOD PLAINS & OPEN SPACE WHERE APPLICABLE, & FOR ONE DOLLAR (\$1.00) CONSIDERATION, HEREBY GRANT THE RIGHT & OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS & OR ROADS, AND FLOOD PLAINS & OPEN SPACE WHERE APPLICABLE; (3) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS & OR RIGHT OF WAYS & (4) IT IS FURTHER AGREED THAT THE MAINTENANCE OF ALL WATERWAYS, DRAINAGE EASEMENTS & 100 YR FLOOD PLAINS SHOWN HEREON ARE THE RESPONSIBILITY OF THE PROPERTY OWNER, ITS SUCCESSORS & ASSIGNS.
 WITNESS OUR HAND THIS _____ DAY OF _____ 1978
 MELVIN M. KOLODIN, SOLE GENERAL PARTNER

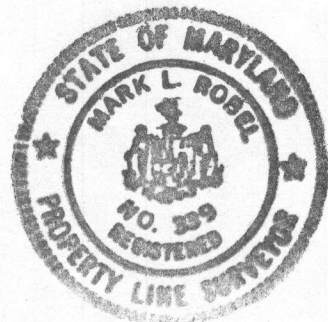
RECORDED IN PLAT BOOK 4261 FOLIO _____
 ON 4-12-79 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.
 FINAL PLAT SECTION TWO
CHRIS MAR ESTATES
 ELECTION DISTRICT 5
 HOWARD COUNTY, MD
 SCALE: 1"=100' JUNE 12, 1978
 Lots 1 & 2
 TAX MAP 34

GENERAL NOTES:

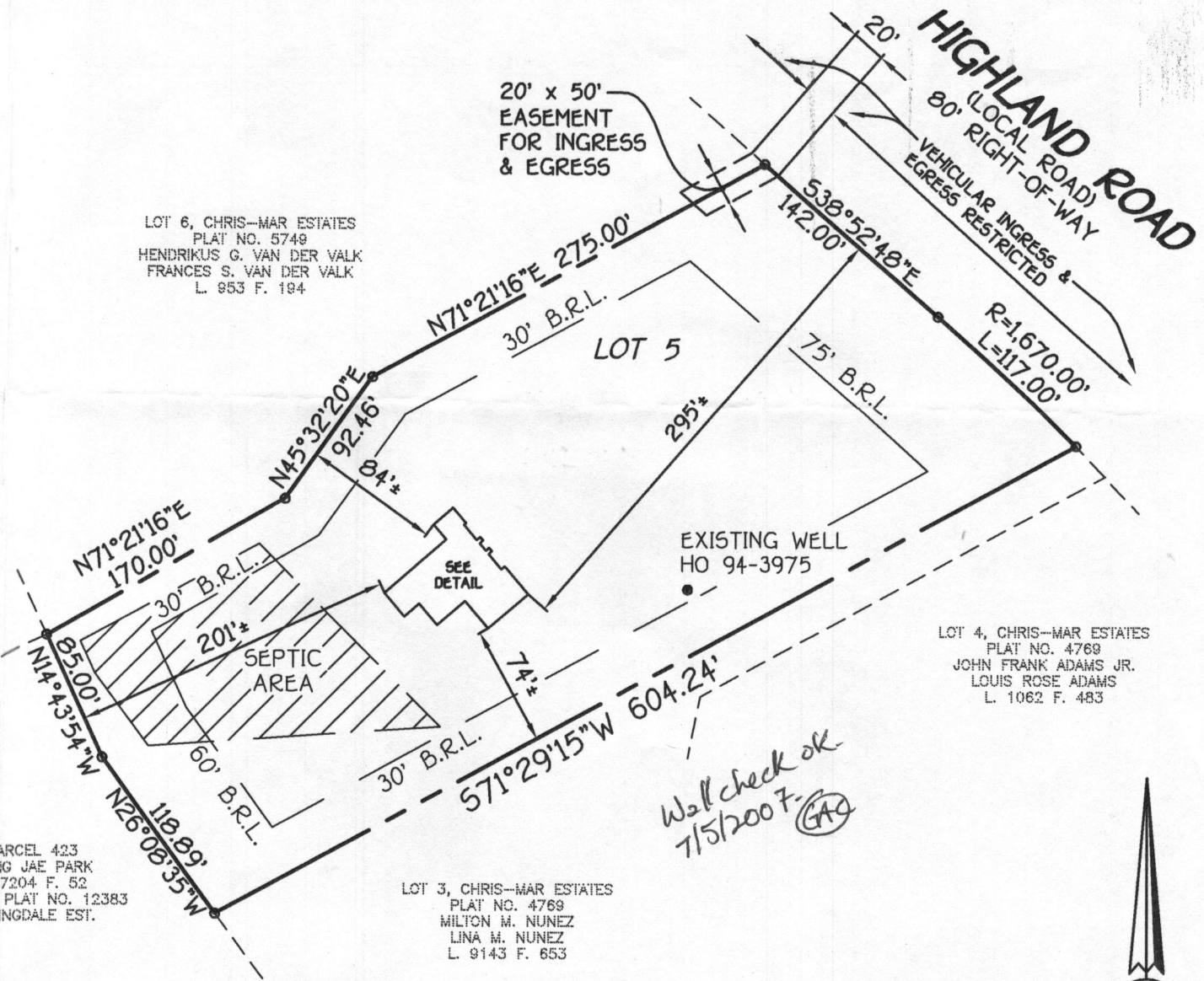
- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440032B EFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (±)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO- 94 - 3975) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



DETAIL:
1"=20'



Mark L. Robel
PROFESSIONAL LAND SURVEYOR DATE 3/08/07
REG. • 339



PARCEL 423
EMMACULATE M. OSONG
L. 7084 F. 552
LOT 15, PLAT NO. 12383
SPRINGDALE EST.

PARCEL 423
DONG JAE PARK
L. 7204 F. 52
LOT 16, PLAT NO. 12383
SPRINGDALE EST.

LOT 6, CHRIS-MAR ESTATES
PLAT NO. 5749
HENDRIKUS G. VAN DER VALK
FRANCES S. VAN DER VALK
L. 953 F. 184

LOT 3, CHRIS-MAR ESTATES
PLAT NO. 4769
MILTON M. NUNEZ
LINA M. NUNEZ
L. 9143 F. 653

LOT 4, CHRIS-MAR ESTATES
PLAT NO. 4769
JOHN FRANK ADAMS JR.
LOUIS ROSE ADAMS
L. 1062 F. 483

Well check ok
7/5/2007 *GAG*

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 2/27/07
FINAL LOCATION: _____
BOUNDARY SURVEY: _____

SCALE: 1"=100'
DATE: 03/08/07
DRAWN BY: VLJ
CHECKED BY: MLR
PROJECT No.: 04157-6001

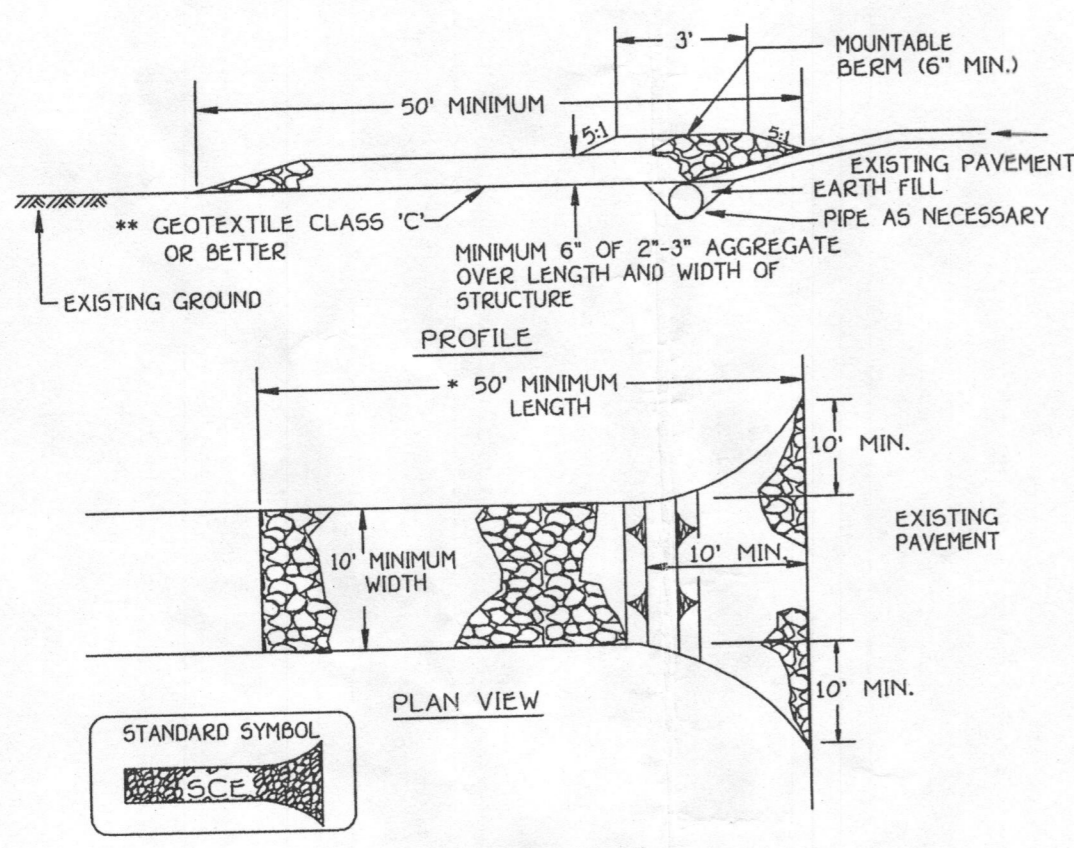
LOT 5
CHRIS-MAR ESTATES
LOTS 5 & 6 ~ SECTION 2
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT #5749
*13447 HIGHLAND ROAD
B.R.L.= BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV.= 508.9'±

NAD '83

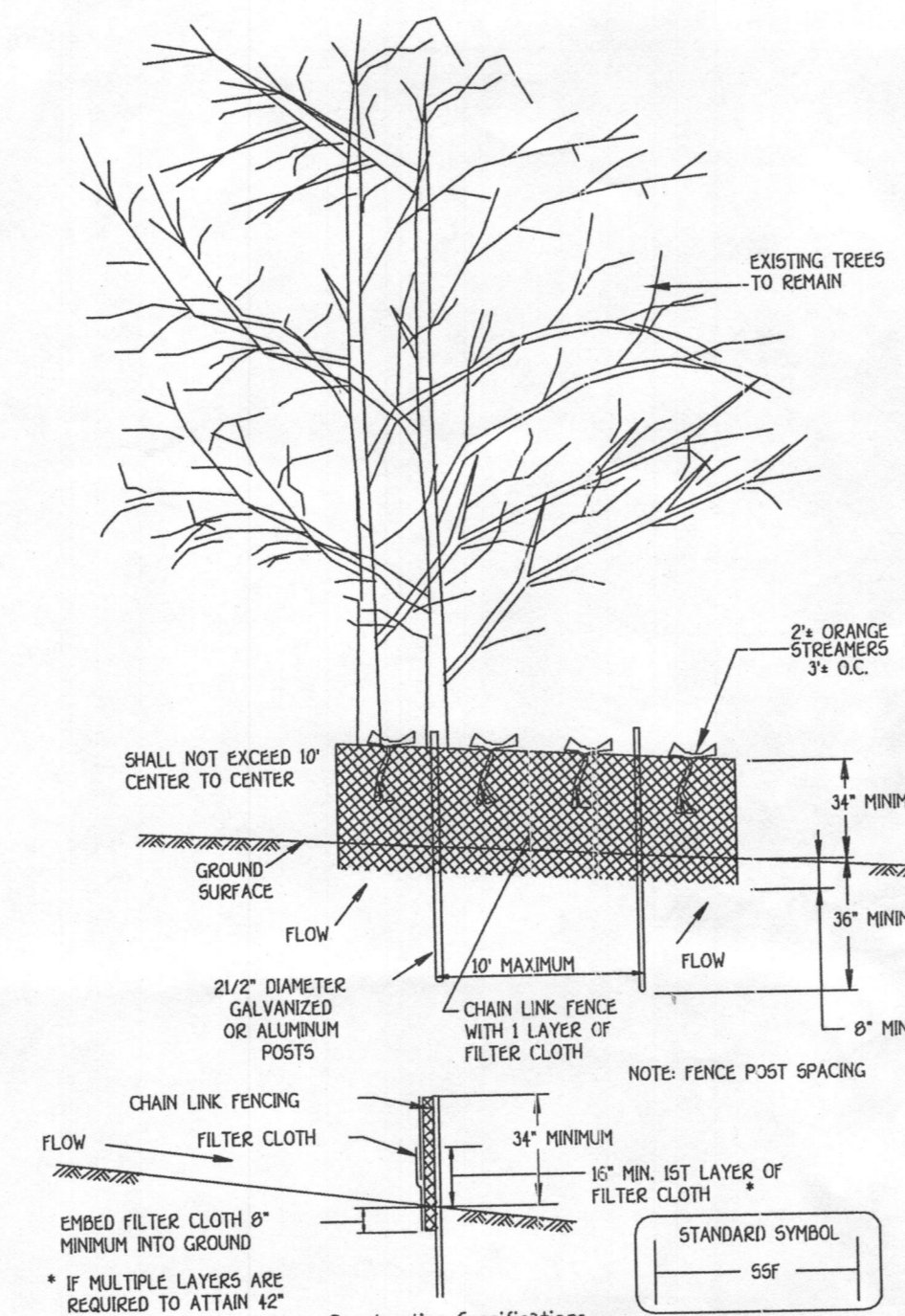
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (31-1829).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR 65-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 DAYS FOR ALL DISTURBED AREAS EXCEPT FOR CONSTRUCTION STRUCTURES, CALENDAR DATES FOR ALL PERMITS EXCEPT FOR CONSTRUCTION STRUCTURES, AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRENCHES MUST BE FENCED AND MARKED.
- SOIL POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12 OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1998 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 40.500 (SEC. 94), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:
 - TOTAL AREA OF SITE: 3.007 ACRES
 - AREA TO BE ROOFED OR PAVED: 0.2508 ACRES
 - AREA TO BE VEGETATIVELY STABILIZED: 0.636 ACRES
 - TOTAL CUT: 75 CU.YDS.
 - TOTAL FILL: 125 CU.YDS.
- OFFSITE WASTE/DROM AREA LOCATION TO BE DETERMINED BY THE INSPECTOR.
- 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 CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- APPROVAL OF THE INSPECTION AGENCY SHALL BE OBTAINED PRIOR TO 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.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



- STABILIZED CONSTRUCTION ENTRANCE**
NOT TO SCALE
- Length - minimum of 50' (30' for single residence lot).
 - Width - 10' minimum, should be flared at the existing road to provide a turning radius.
 - 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.
 - Stone - crushed aggregate (12" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6' deep over the length and width of the entrance.
 - Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe entrances shall be installed through the stabilized construction entrance shall be protected with a mounded berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe 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.
 - Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving where construction traffic enters or leaves a construction site. Vehicles leaving where construction traffic enters or leaves a construction site.



- SUPER SILT FENCE & TREE PROTECTION FENCE**
NOT TO SCALE
- 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.
 - 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.
 - Filter cloth shall be fastened to the chain link fence with ties spaced every 24" at the top and mid section.
 - When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
 - Maintenance shall be performed as needed and silt buildup removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
 - 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:

Slope	Slope Steepness	Slope Length (maximum)	Silt Fence Length (maximum)
0 - 10%	0 - 10%	Unlimited	Unlimited
10 - 20%	10% - 5%	200 feet	1,500 feet
20 - 33%	5% - 3%	100 feet	1,000 feet
33 - 50%	3% - 2%	50 feet	500 feet
50% +	2% +	50 feet	250 feet

PERMANENT SEEDING NOTES

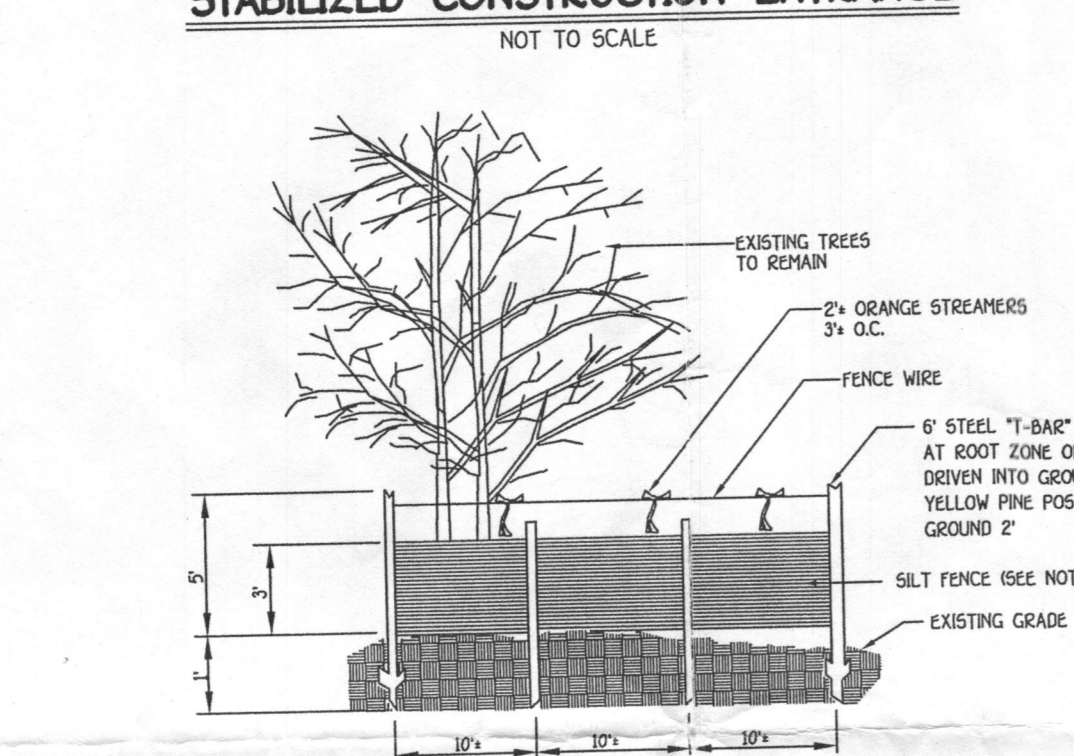
- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- SEEDING PREPARATION:**
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS:**
APPLY TWO TONS PER ACRE COLONITIC LIMESTONE (92 LBS./1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (84 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC. INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 100 LBS. PER ACRE 30-0-0 UREA/BORON FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE (0.5 LBS./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.
- SEEDING:**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEeping LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROJECT SITE BY: OPTION (I) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (II) - USE 500, OPTION (III) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEED.
- MULCHING:**
APPLY 1 1/2 TO 2 TONS PER ACRE (10 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER USE 348 GALLONS PER ACRE (9 GAL./1,000 SQ.FT.) FOR ANCHORING.
- MAINTENANCE:**
INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.
* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNWEED AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

TEMPORARY SEEDING NOTES

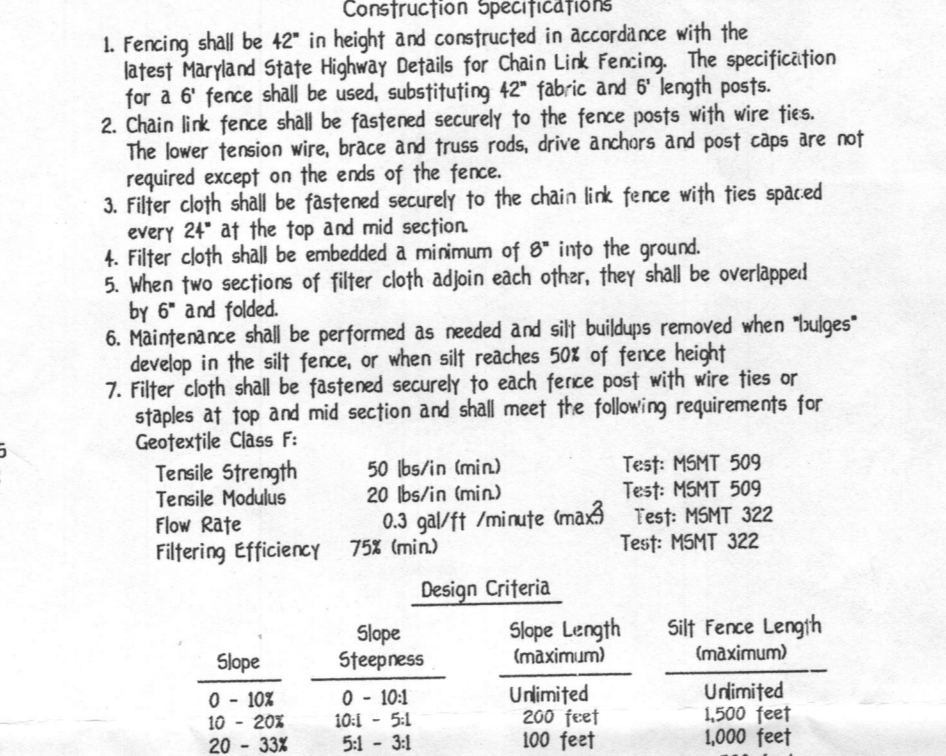
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION:**
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS:**
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (4 LBS./1,000 SQ.FT.)
- SEEDING:**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 15, SEED WITH 17 BUSHEL PER ANNUAL EYE (3.2 LBS./ACRE) OF WEeping LOVEGRASS (0.7 LBS./1,000 SQ.FT.) FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28, PROJECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500.
- MULCHING:**
APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHORING TOOL OR 250 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER USE 348 GALLONS PER ACRE (9 GAL./1,000 SQ.FT.) FOR ANCHORING.
- REFER TO THE 1998 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.**

TEMPORARY SEEDING NOTES

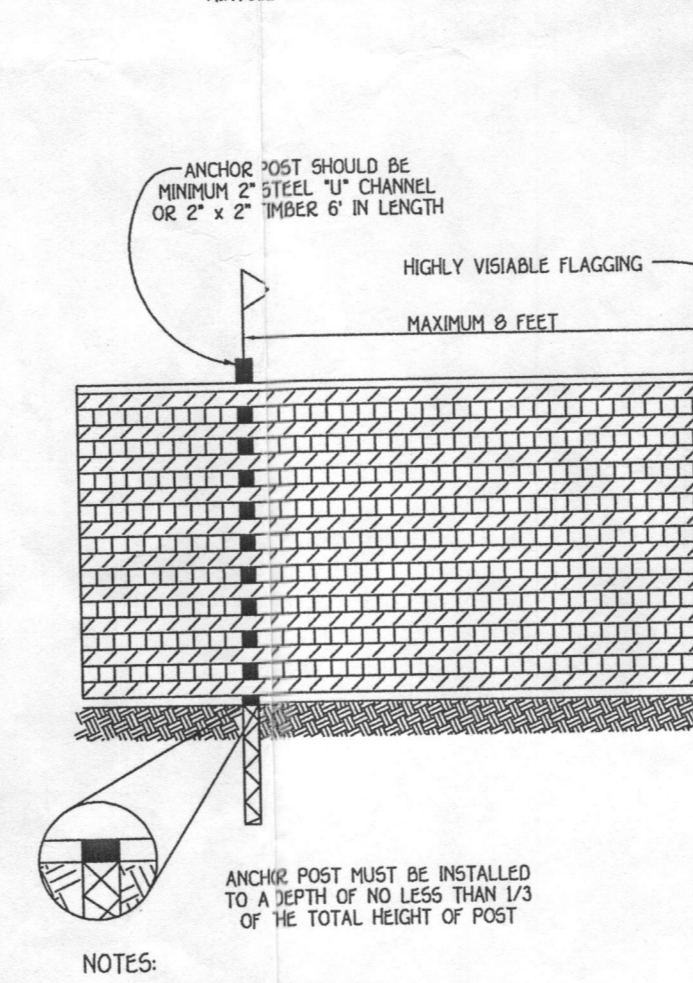
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION:**
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS:**
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (4 LBS./1,000 SQ. FT.)
- SEEDING:**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 15, SEED WITH 17 BUSHEL PER ANNUAL EYE (3.2 LBS./ACRE) OF WEeping LOVEGRASS (0.7 LBS./1,000 SQ.FT.) FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28, PROJECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500.
- MULCHING:**
APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (9 GAL./1,000 SQ.FT.) FOR ANCHORING. REFER TO THE 1998 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



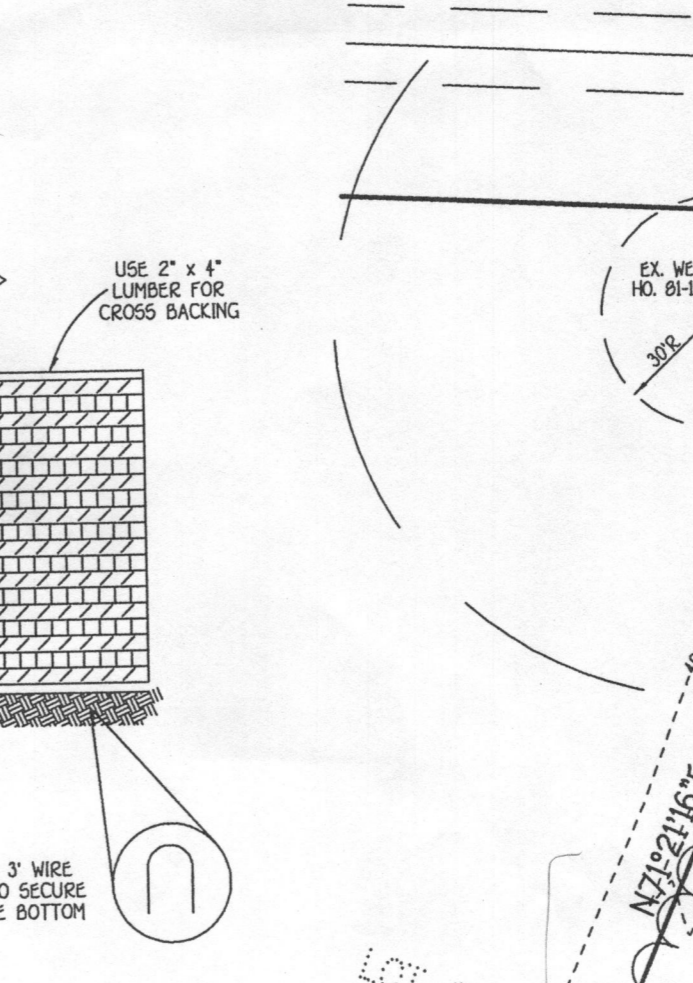
- SILT FENCE & TREE PROTECTION**
NOT TO SCALE
- Silt Fence to be heeded into the soil.
 - Wire, snow fence, etc. for tree protection only.
 - Boundaries of Retention Area will be established as part of the forest conservation plan review process.
 - Boundaries of Retention Area should be staked and flagged prior to installing device.
 - Avoid root damage when placing anchor posts.
 - Device should be properly maintained throughout construction.
 - Protection signs are also required, see Figure C-4.
 - Locate fence outside the Critical Root Zone.



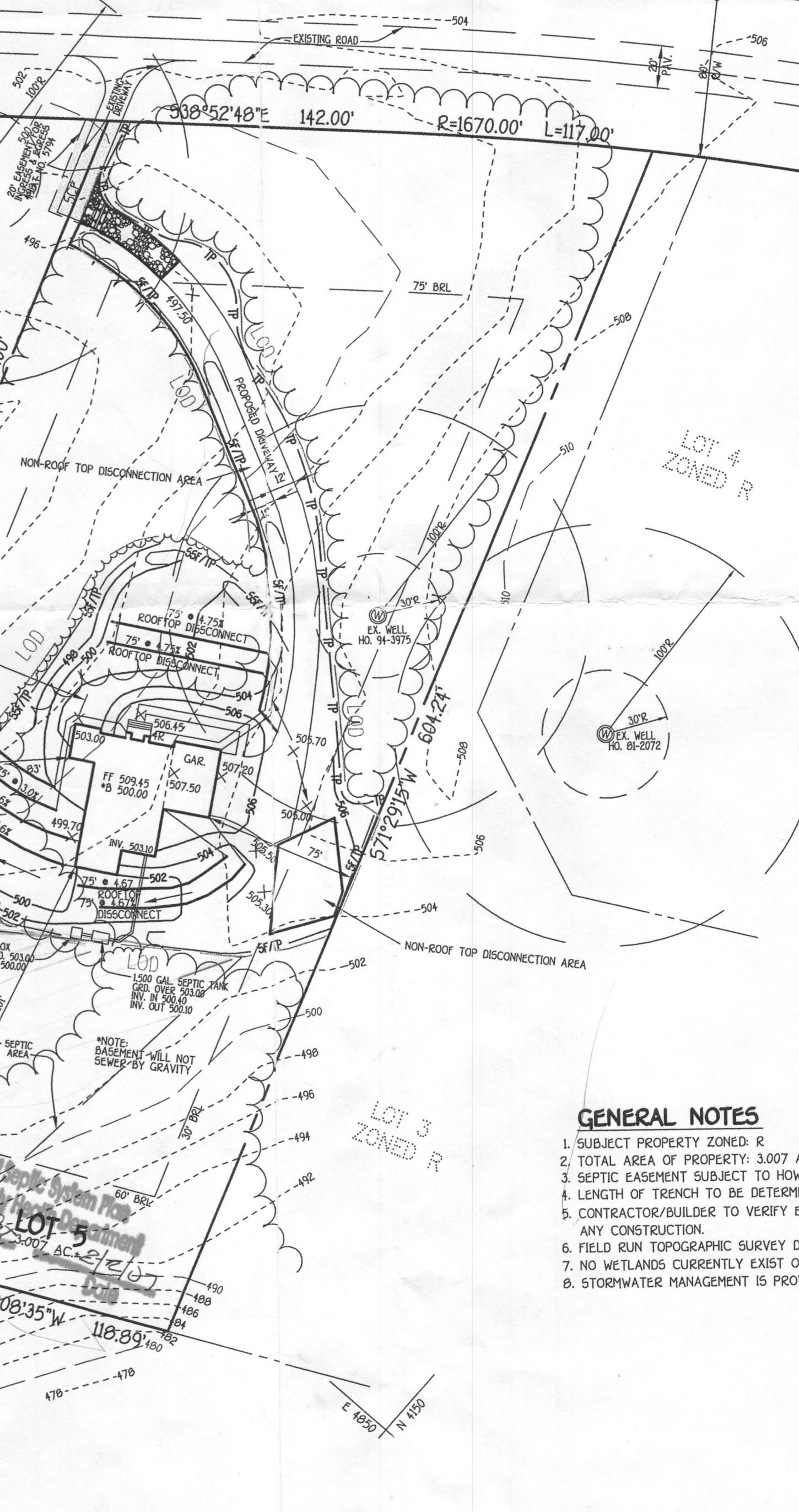
- TYPICAL DRIVEWAY SECTION FOR NON-ROOFTOP DISCONNECT CREDIT**
NOT TO SCALE
- OBTAIN GRADING PERMIT.
 - INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN.
 - CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO SUN-BASE.
 - INSTALL TEMPORARY SEEDING.
 - CONSTRUCT BUILDINGS.
 - FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE.
 - REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR.



- TREE PROTECTION DETAIL**
NOT TO SCALE
- FOREST PROTECTION DEVICE ONLY.
 - RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 - BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
 - ROOT DAMAGE SHOULD BE AVOIDED.
 - PROTECTIVE SIGNAGE MAY ALSO BE USED.
 - DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.



- TYPICAL HOUSE**
SCALE: 1" = 50'



LEGEND

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
---S/T---S/T---	SILT FENCE & TREE PROTECTION
---S/S---	SUPER SILT FENCE
---	PROPOSED WALKOUT
---	LIMITS OF DISTURBANCE
---	EXISTING STREET TREES FROM F-01-191

- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING PERMIT. 1 DAY
 - INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN. 1 DAY
 - CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO SUN-BASE. 1 DAY
 - INSTALL TEMPORARY SEEDING. 1 DAY
 - CONSTRUCT BUILDINGS. 2 MONTHS
 - FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE. 1 DAY
 - REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR. 2 DAYS

- NOTE**
- THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HD 94-5975 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

NO.	REVISION	DATE
1	REV. HOUSE, GRADE AND SWM	12-21-06

BUILDER/DEVELOPER

LYNN COVEY
TRINITY HOMES
3675 PARK AVENUE
SUITE 301
COLUMBIA, MARYLAND 21044
410-992-6000

GENERAL NOTES

- SUBJECT PROPERTY ZONED: R
- TOTAL AREA OF PROPERTY: 3.007 ACRES
- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF CONSTRUCTION.
- CONTRACTOR/BUILDER TO VERIFY ELEVATION AND CONSTRUCTION.
- FIELD RUN TOPOGRAPHIC SURVEY DONE BY FISHER, COLLINS & CARTER, INC.
- NO WETLANDS CURRENTLY EXIST ON THE PROJECT.
- STORMWATER MANAGEMENT IS PROVIDED BY R

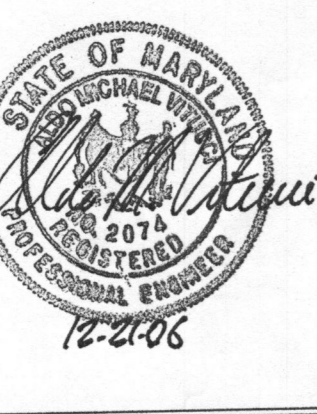
SITE DEVELOPER
SEDIMENT/EROSION CONTROL PLAN
CHRIS-MAR E
SECTION
LOT 5

ZONED: R PLAT NO. 1
TAX MAP NO. 34 PARCEL NO. 1
FIFTH ELECTION DISTRICT HOWARD COUNTY
SCALE: 1"=50'

G.P. 05-

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

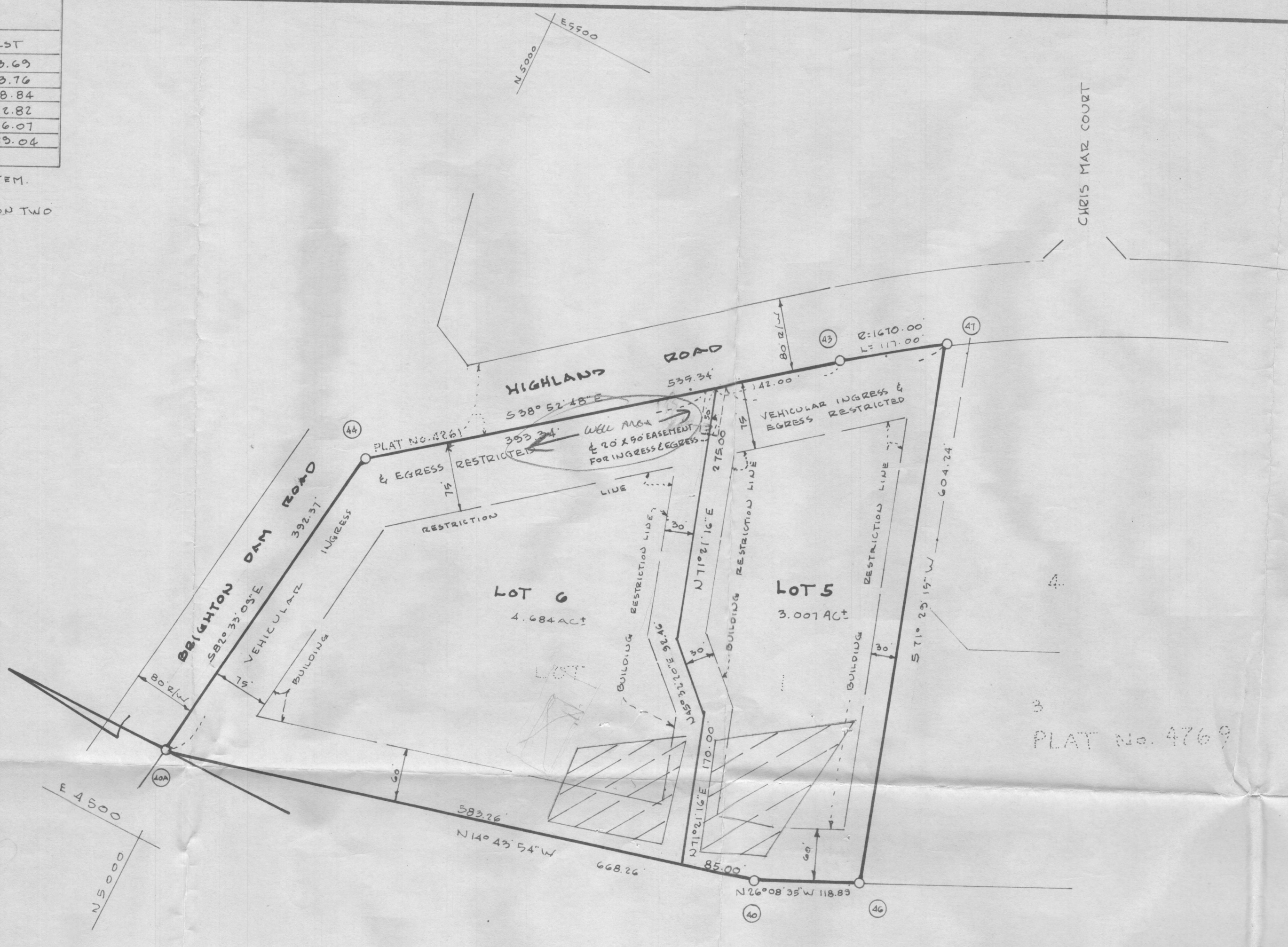
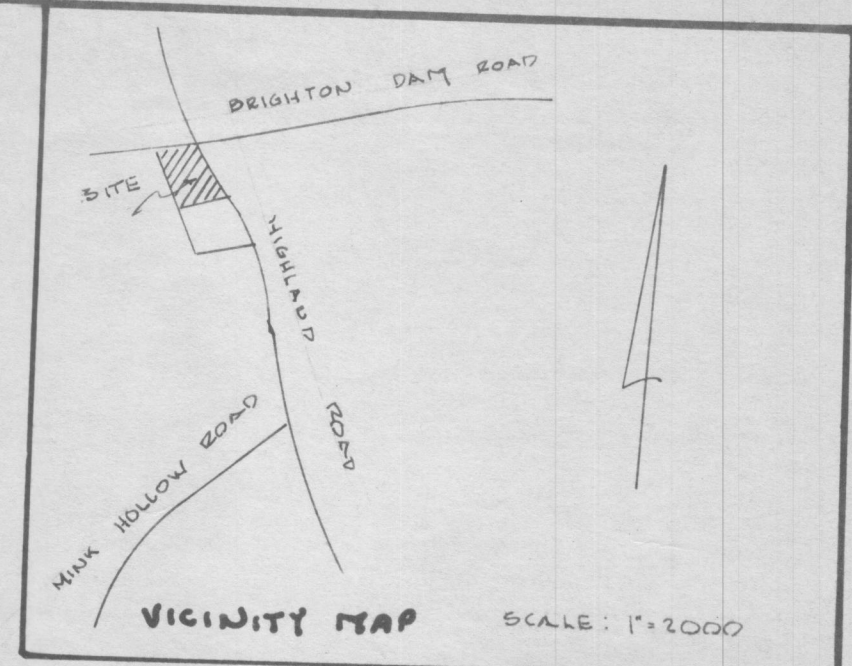
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
410-461-2895



COORDINATES

No.	NORTH	EAST
40	4366.48	4763.69
40A	5012.78	4593.76
43	4545.18	5318.84
44	4961.92	4388.82
46	4259.75	4816.07
47	4451.60	5389.04

COORDINATES ASSUMED SYSTEM.
BASED ON PLAT No. 4261
CHRIS MAR ESTATES SECTION TWO



- NOTES:**
- SUBJECT PROPERTY ZONED "R" PER 10/3/71 COMPREHENSIVE ZONING.
 - PROPERTY SUBJECT TO V.P.-83-97
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
 - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 GPD AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

TABULATION

- TOTAL NUMBER OF LOTS = 2
- TOTAL AREA OF LOTS = 7.691 ACT
- TOTAL AREA OF ROAD DEDICATION = 0.000 ACT
- TOTAL AREA OF SUBDIVISION = 7.691 ACT

RECEIVED
DEC 16 1983

DIVISION OF LAND DEVELOPMENT
OF HOWARD COUNTY

*Septic areas
Same as those
Final
on 5/1/84*

APPROVED: FROM PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICE DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR DATE

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWED HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY PAUL G. KOTTIS UNTO HENDRIKUS GERARDUS UBBO VAN DER VALK AND FRANCES SUZANNE VAN DER VALK, HIS WIFE, BY DEED DATED JULY 12, 1979 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER 353, AT FOLIO 134, ETC., AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

Walter Park
WALTER PARK, REG. PROP. L.S. NO. 5539 11-21-1983 DATE

DEDICATION FOR INDIVIDUALS

WE HENDRIKUS GERARDUS UBBO VAN DER VALK AND FRANCES SUZANNE VAN DER VALK, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION; AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE OFFICE OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OF RIGHTS-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION. WITNESS OUR HANDS THIS 13 DAY OF DEC. 1983.

Hendrikus Gerardus Ubbo van der Valk
HENDRIKUS GERARDUS UBBO VAN DER VALK

Frances Suzanne van der Valk
FRANCES SUZANNE VAN DER VALK

Walter Park
WITNESS

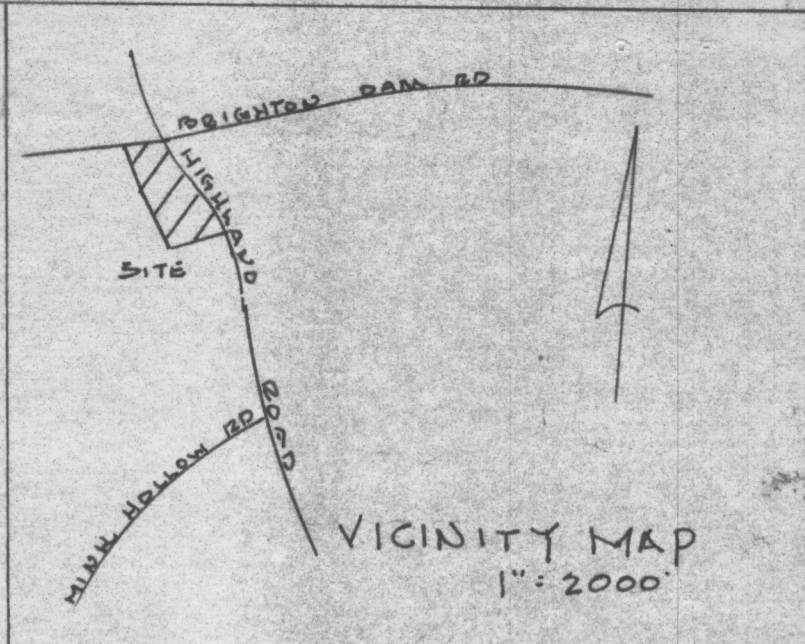
RECORDED IN PLAT No. _____ ON _____ 1984
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

FINAL PLAT

CHRIS MAR ESTATES
LOTS 5 & 6 SECTION 2
A RESUBDIVISION OF LOT 1 PLAT No. 4261
11/10/84 Plat OK #5

5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=100' NOVEMBER 28, 1983
TAX MAP 34 PARCEL 381

HUKKINS ASSOCIATES
ENGINEERS-SURVEYORS
231 JOSEPH SQUARE
COLUMBIA, MD 21044



PROPOSED SUBDIVISION
CHRIS MAR ESTATES SECTION TWO
5TH ELECT. DIST. HOWARD CO. MD
SCALE 1" = 100'

CONTRACT PURCHASER
PAUL KOTTIS, BUILDER
P.O. BOX 28
HIGHLAND, MD 20777