

LAYOUT 3/9/06 INSP 4 \_\_\_\_\_  
 INSP 2 3/13/06 INSP 5 \_\_\_\_\_  
 INSP 3 3/21/06 INSP 6 \_\_\_\_\_

ISSUE DATE: 2/27/06  
 APPROVAL DATE: 6/20/06

P 524137  
 A 518602-A

**PERMIT**  
**INDEXED**  
**TAX ID #03-308111**  
**ON-SITE SEWAGE DISPOSAL SYSTEM**  
**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**

Kenneth Mayne IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION: Talley Property LOT NUMBER: 4

ADDRESS: 837 Day Road PROPERTY OWNER: Trinity Quality Homes, Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED


PUMP CHAMBER CAPACITY (GALLONS) n/a COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

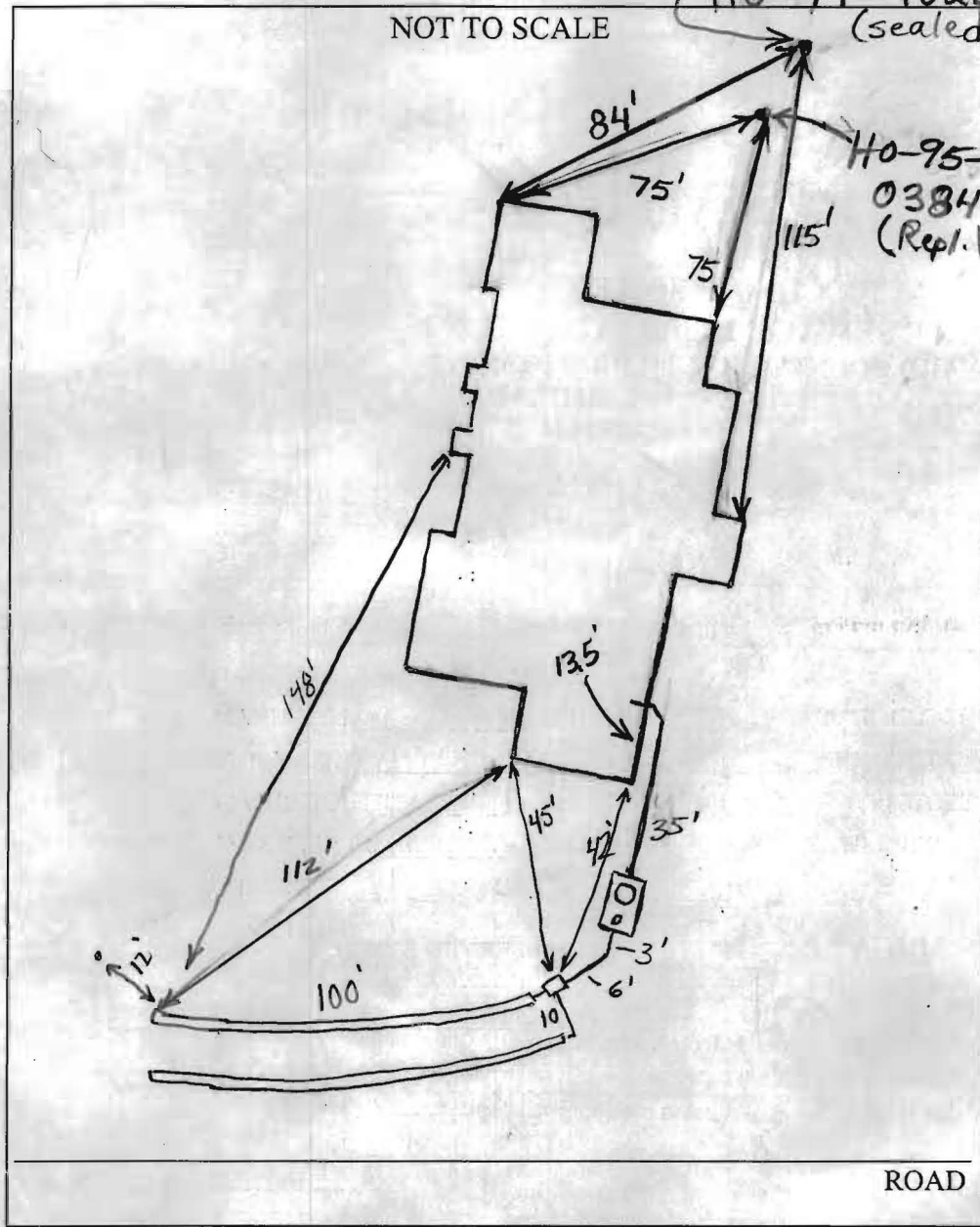
LINEAR FEET OF TRENCH REQUIRED: 174 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved plan.
NOTES:	

PLANS APPROVED: Kevin J. Bell Reviewed by:  DATE: 7/15/05

NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT  
**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**  
**ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

A518602-A



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	~2'-3'	6
NUMBER OF TRENCHES		2
TOTAL LENGTH		200'
ABSORPTION AREA		600
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	to be 15'
BAFFLES	yes 4
BAFFLE FILTER	No
MANHOLE LOC	Inlet
6" PORT LOC	Outlet
WATERTIGHT TEST	N/A
<del>SEPTIC TANK 2 LEVEL</del>	
<del>CAPACITY</del>	<del>_____ GAL</del>
<del>SEAM LOC</del>	<del>_____</del>
<del>TANK LID DEPTH</del>	<del>_____</del>
<del>BAFFLES</del>	<del>_____</del>
<del>BAFFLE FILTER</del>	<del>_____</del>
<del>MANHOLE LOC</del>	<del>_____</del>
<del>6" PORT LOC</del>	<del>_____</del>
<del>WATERTIGHT TEST</del>	<del>_____</del>

PRE-CONSTRUCTION 3/9/2006 May be able to install system without pump. O.K. to put in 2-100' trenches across the top of the easement (BB)

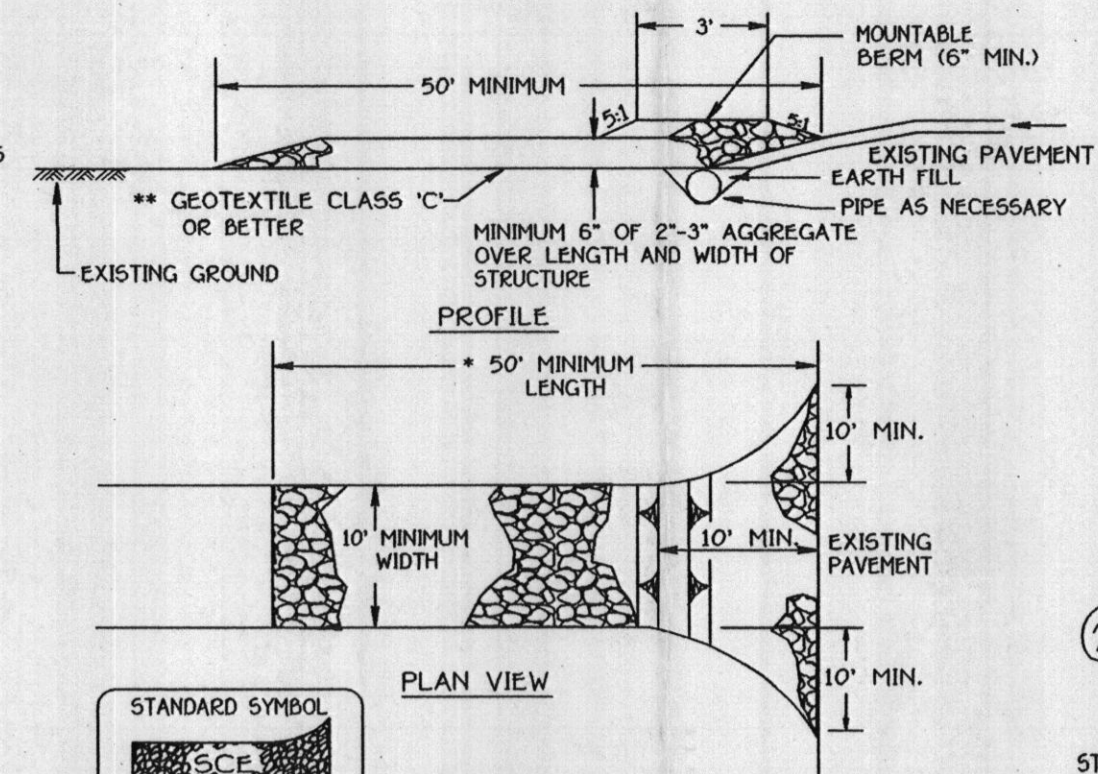
INSTALLATION 3/13/06 Tankset, trenches installed. House connection not made. to be made by plumber. Everything kept very shallow to allow gravity system. Cover on tank will be ~15". MH riser 20" (GA) 3/21/06 Pipe through wall but still not connected (BB)

6/20/06 House connection made (BB)

FINAL INSPECTOR B. Baber DATE OF APPROVAL 6/20/06

**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 (03-10-05)
- 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 RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 30 CALENDAR DAYS FOR ALL PERMANENT SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1. 10 HOURS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAP/DAMS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12 OF THE HOWARD COUNTY DESIGN MANUAL, STORED DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 50, 500 SEC. 54), 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.
- NOTE: SITE ANALYSIS

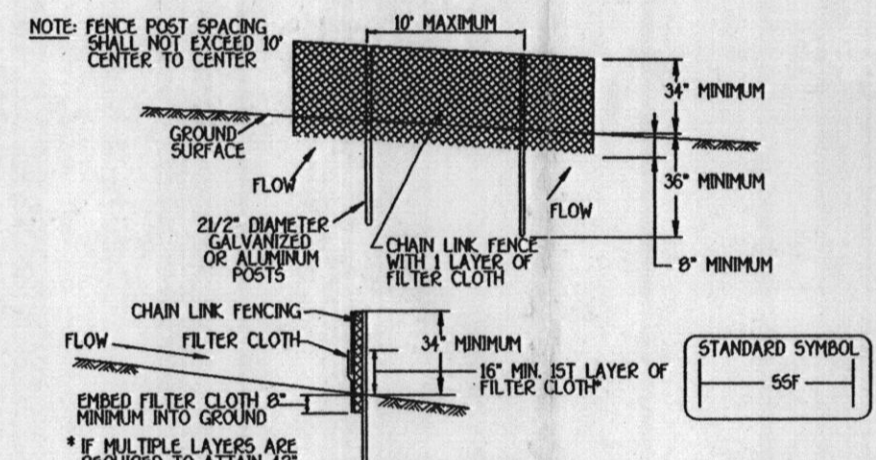


Construction Specification

1. Length - minimum of 50' for single residence lot.
2. Width - 10' minimum, should be fitted to 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 fabric.
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.

**STABILIZED CONSTRUCTION ENTRANCE**

NOT TO SCALE



1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Department Standard for Chain Link Fencing. The specification for 4" x 6" fence shall be used, substituting 4" 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 6" at the top and mid section.
4. Filter cloth shall be embedded a minimum of 6" into the ground.
5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and taped.
6. Maintenance shall be performed as needed and silt mounds 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 cloth:

Design Criteria	Slope Steepness	Slope Length (feet)	Silt Fence Length (feet)
0 - 30%	100'	Unlimited	Unlimited
31 - 33%	150'	200'	100'
34 - 35%	200'	100'	50'
36 - 50%	30'	50'	25'

**SUPER SILT FENCE**

NOT TO SCALE

**TEMPORARY SEEDING NOTES**

- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RE-DISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SOIL PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)
- SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 1 1/2 BUSHEL PER ACRE OF ANNUAL RYE OR 1 1/2 BUSHEL PER ACRE OF PERENNIAL RYEGRASS (17 LBS./1000 SQ. FT.) BEFORE SEEDING HARROW OR DISC. FOR THE PERIOD MARCH 1 THROUGH APRIL 30, SEED WITH 3 LBS./ACRE OF WHEATGRASS (L75 LBS./1000 SQ. FT.) FOR THE PERIOD NOVEMBER 15 THROUGH FEBRUARY 20, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.
- MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF CAL./1000 SQ. FT. OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER USE 340 GALLONS PER ACRE (34 GAL./1000 SQ. FT.) FOR ANCHORING.
- MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**PERMANENT SEEDING NOTES**

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- SOIL PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 600 LBS. PER ACRE 0-20-20 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 (15 LBS./1000 SQ. FT.) AND 500 LBS. PER ACRE (15 LBS./1000 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./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MARCH 1 THROUGH APRIL 30, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.02 LBS./1000 SQ. FT.) OF WHEATGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 20, PROTECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (2) - USE SOO OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEDED.
- MULCHING: APPLY 1 TO 2 TONS PER ACRE (50 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF CAL./1000 SQ. FT. OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER USE 340 GALLONS PER ACRE (34 GAL./1000 SQ. FT.) FOR ANCHORING.
- MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**TOPSOIL SPECIFICATIONS**

- TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
- TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND.
- OTHER SOILS MAY BE USED IF RECOMMENDED BY A GEOMORPHIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CORKERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
- TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTCRACK, POISON IVY, THELTER, OR OTHERS AS SPECIFIED.
- WHERE THE TOPSOIL IS EITHER HEAVILY 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:

**LEGEND**

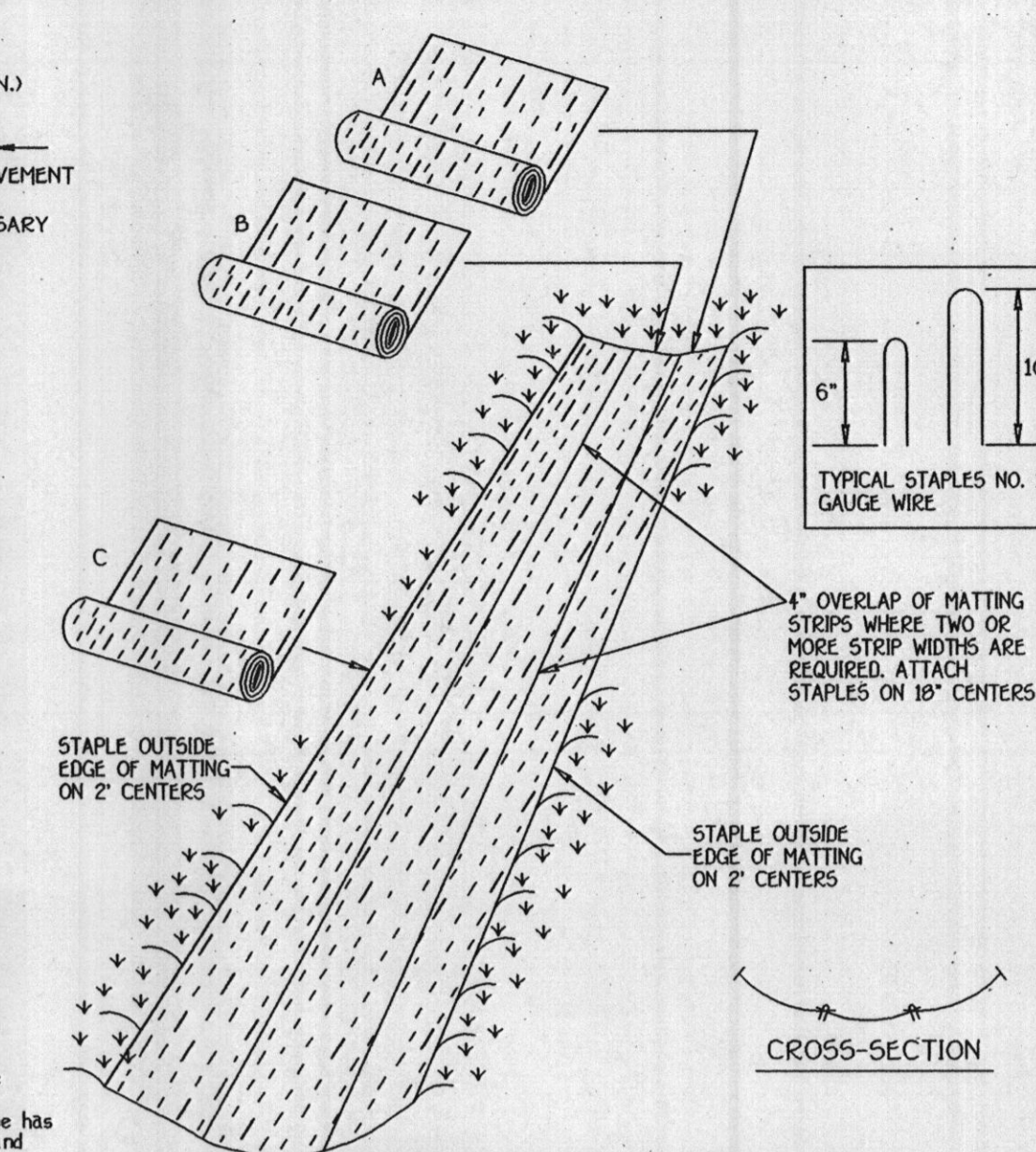
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
ST-TP	SILT FENCE & TREE PROTECTION
SS-F	SUPER SILT FENCE
WALK	PROPOSED WALKOUT
LOD	LIMITS OF DISTURBANCE
STEEP	STEEP SLOPES 25% OR GREATER
TREE	EXISTING STREET TREES FROM F-04-050

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN.
3. CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO FINISH GRADE.
4. INSTALL TEMPORARY SEEDING.
5. CONSTRUCT BUILDING.
6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE.
7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR.

1. Rev. h.s.c. 4 qrd. to show 9 car gar. 4 ex. topo. 7-7-05  
REVISION DATE

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.  
APPROVED: *John R. Blanton* 2/1/05  
HOWARD COUNTY CONSERVATION DISTRICT DATE

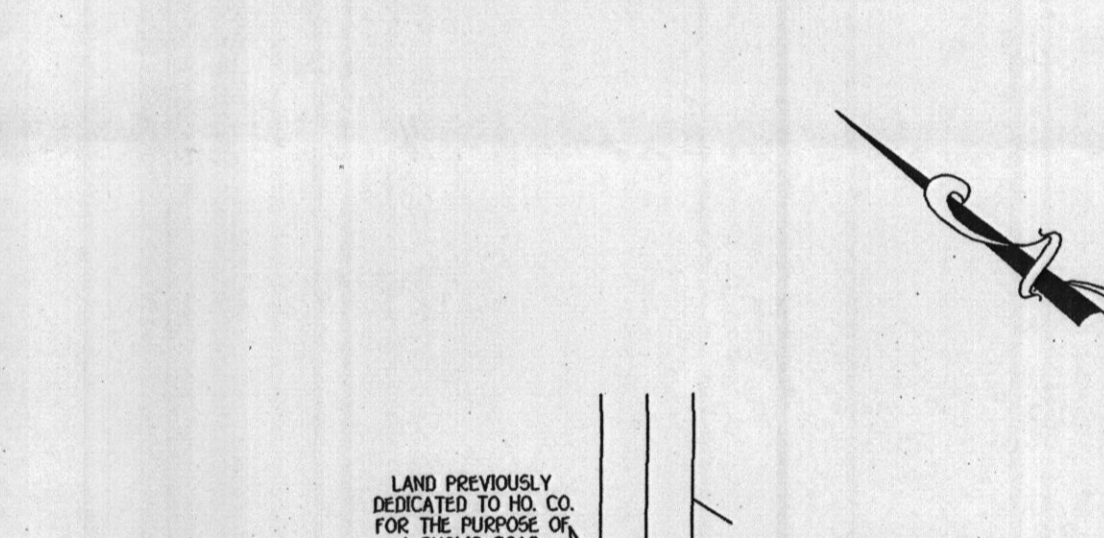


Construction Specifications

1. Key-in the matting by placing the top ends of the matting in a narrow trench, 6" in depth. Backfill the trench and tamp firmly to conform to the channel cross-section. Secure with a row of staples about 4" down slope from the trench. Spacing between staples is 6".
2. Staple the 4" overlap in the channel center using an 18" spacing between staples.
3. Before stapling the outer edges of the matting, make sure the matting is smooth and in firm contact with the soil.
4. Staples shall be placed 2' apart with 4 rows for each strip, 2 outer rows, and 2 alternating rows down the center.
5. Where one roll of matting ends and another begins, the end of the top strip shall overlap the upper end of the lower strip by 4". Staple fashion. Reinforce the overlap with a double row of staples spaced 6" apart in a staggered pattern on either side.
6. The discharge end of the matting liner should be similarly secured with 2 double rows of staples.
7. Note if flow will enter from the edge of the matting then the area effected by the flow must be key-in.

**EROSION CONTROL MATTING**

NOT TO SCALE



1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Department Standard for Chain Link Fencing. The specification for 4" x 6" fence shall be used, substituting 4" 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 6" at the top and mid section.
4. Filter cloth shall be embedded a minimum of 6" into the ground.
5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and taped.
6. Maintenance shall be performed as needed and silt mounds 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 cloth:

Design Criteria	Slope Steepness	Slope Length (feet)	Silt Fence Length (feet)
0 - 30%	100'	Unlimited	Unlimited
31 - 33%	150'	200'	100'
34 - 35%	200'	100'	50'
36 - 50%	30'	50'	25'

**SUPER SILT FENCE**

NOT TO SCALE

**TEMPORARY SEEDING NOTES**

- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RE-DISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SOIL PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)
- SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 1 1/2 BUSHEL PER ACRE OF ANNUAL RYE OR 1 1/2 BUSHEL PER ACRE OF PERENNIAL RYEGRASS (17 LBS./1000 SQ. FT.) BEFORE SEEDING HARROW OR DISC. FOR THE PERIOD MARCH 1 THROUGH APRIL 30, SEED WITH 3 LBS./ACRE OF WHEATGRASS (L75 LBS./1000 SQ. FT.) FOR THE PERIOD NOVEMBER 15 THROUGH FEBRUARY 20, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.
- MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF CAL./1000 SQ. FT. OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER USE 340 GALLONS PER ACRE (34 GAL./1000 SQ. FT.) FOR ANCHORING.
- MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**PERMANENT SEEDING NOTES**

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- SOIL PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 600 LBS. PER ACRE 0-20-20 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 (15 LBS./1000 SQ. FT.) AND 500 LBS. PER ACRE (15 LBS./1000 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./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MARCH 1 THROUGH APRIL 30, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.02 LBS./1000 SQ. FT.) OF WHEATGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 20, PROTECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (2) - USE SOO OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEDED.
- MULCHING: APPLY 1 TO 2 TONS PER ACRE (50 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF CAL./1000 SQ. FT. OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER USE 340 GALLONS PER ACRE (34 GAL./1000 SQ. FT.) FOR ANCHORING.
- MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**TOPSOIL SPECIFICATIONS**

- TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
- TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND.
- OTHER SOILS MAY BE USED IF RECOMMENDED BY A GEOMORPHIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CORKERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
- TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTCRACK, POISON IVY, THELTER, OR OTHERS AS SPECIFIED.
- WHERE THE TOPSOIL IS EITHER HEAVILY 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:

**LEGEND**

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
ST-TP	SILT FENCE & TREE PROTECTION
SS-F	SUPER SILT FENCE
WALK	PROPOSED WALKOUT
LOD	LIMITS OF DISTURBANCE
STEEP	STEEP SLOPES 25% OR GREATER
TREE	EXISTING STREET TREES FROM F-04-050

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN.
3. CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO FINISH GRADE.
4. INSTALL TEMPORARY SEEDING.
5. CONSTRUCT BUILDING.
6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE.
7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR.

1. Rev. h.s.c. 4 qrd. to show 9 car gar. 4 ex. topo. 7-7-05  
REVISION DATE

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.  
APPROVED: *John R. Blanton* 2/1/05  
HOWARD COUNTY CONSERVATION DISTRICT DATE

**SCHEDULE A PERIMETER LANDSCAPE EDGE**

PERIMETER	P-1	P-2
CATEGORY	ADJACENT TO PERIMETER PROPERTIES	ADJACENT TO ROAD
LANDSCAPE TYPE	A	NONE
LINEAR FEET OF PERIMETER	410.50 L.F.	12.02 L.F.
CREDIT FOR EXISTING VEGETATION (NO, YES AND #)	YES EXISTING WOODS 210 LF (43#)	N/A
CREDIT FOR WALL FENCE OR BERM (NO, YES AND #)	NO	N/A
NUMBER OF TREES REQUIRED	5 SHADE TREES 0 EVERGREEN TREES	N/A ADJACENT TO ROAD
NUMBER OF TREES PROVIDED	5 SHADE TREES 0 EVERGREEN TREES	N/A ADJACENT TO ROAD

\* SUBSTITUTION OF 4 EXISTING EVERGREEN TREES IS TAKEN FOR 7 REQUIRED SHADE TREES.

**PERMANENT SEEDING NOTES**

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- SOIL PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 600 LBS. PER ACRE 0-20-20 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 (15 LBS./1000 SQ. FT.) AND 500 LBS. PER ACRE (15 LBS./1000 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./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MARCH 1 THROUGH APRIL 30, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.02 LBS./1000 SQ. FT.) OF WHEATGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 20, PROTECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (2) - USE SOO OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEDED.
- MULCHING: APPLY 1 TO 2 TONS PER ACRE (50 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF CAL./1000 SQ. FT. OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER USE 340 GALLONS PER ACRE (34 GAL./1000 SQ. FT.) FOR ANCHORING.
- MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**TOPSOIL SPECIFICATIONS**

- TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
- TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND.
- OTHER SOILS MAY BE USED IF RECOMMENDED BY A GEOMORPHIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CORKERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
- TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTCRACK, POISON IVY, THELTER, OR OTHERS AS SPECIFIED.
- WHERE THE TOPSOIL IS EITHER HEAVILY 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:

**LEGEND**

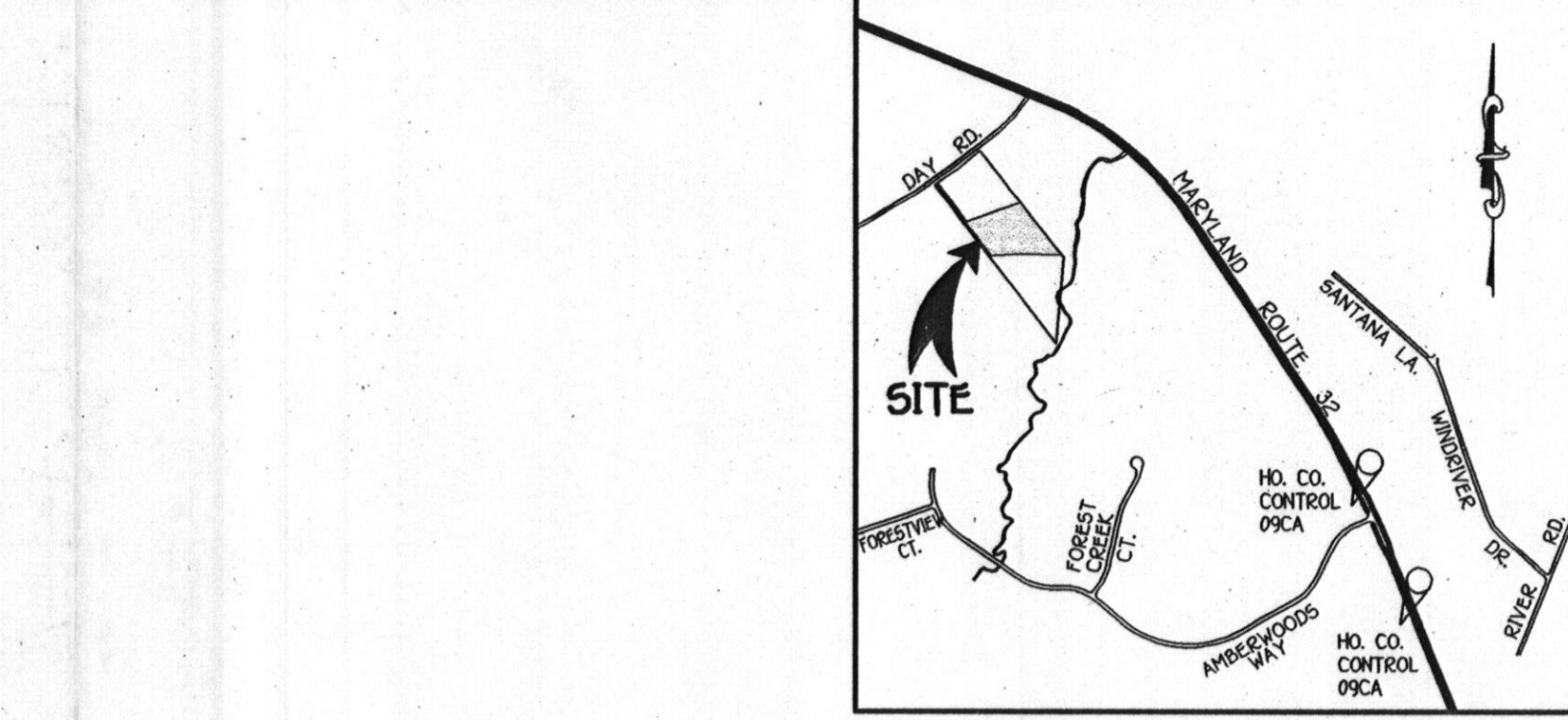
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
ST-TP	SILT FENCE & TREE PROTECTION
SS-F	SUPER SILT FENCE
WALK	PROPOSED WALKOUT
LOD	LIMITS OF DISTURBANCE
STEEP	STEEP SLOPES 25% OR GREATER
TREE	EXISTING STREET TREES FROM F-04-050

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN.
3. CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO FINISH GRADE.
4. INSTALL TEMPORARY SEEDING.
5. CONSTRUCT BUILDING.
6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE.
7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR.

1. Rev. h.s.c. 4 qrd. to show 9 car gar. 4 ex. topo. 7-7-05  
REVISION DATE

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.  
APPROVED: *John R. Blanton* 2/1/05  
HOWARD COUNTY CONSERVATION DISTRICT DATE



**GENERAL NOTES**

1. SUBJECT PROPERTY ZONED RC-DEO
2. TOTAL AREA OF PROPERTY: 3.087 ACRES
3. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT REVIEW.
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. FIELD RUN TOPOGRAPHIC SURVEY DONE BY FISHER, COLLINS & CARTER, INC. ON JUNE, 2003.
7. NO WETLANDS CURRENTLY EXIST ON THE PROPERTY.
8. LANDSCAPING FOR LOT 4 IS ON FILE AND PROVIDED IN ACCORDANCE WITH A CERTIFIED LANDSCAPE PLAN. IN ACCORDANCE WITH SECTION 16124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.
9. A TOTAL LANDSCAPE SURETY FOR 5 SHADE TREES IN THE AMOUNT OF \$45,000.00 FOR LOT 4 MUST BE POSTED AS PART OF THE GRADING PERMIT.
10. TOTAL AREA OF DISTURBANCE FOR IMPERVIOUS AREA IS 4,343.29 SQUARE FEET. CREDIT FOR EXISTING GARAGE TO BE REMOVED IS 1,500 SQUARE FEET. STORMWATER MANAGEMENT IS NOT REQUIRED AS THE TOTAL AREA OF DISTURBANCE OF IMPERVIOUS AREA IS UNDER 5,000 SQUARE FEET.

**BUILDER/DEVELOPER**

LYNN COVEY  
TENTH HOMES  
3675 PARK AVENUE  
SUITE 301  
ELLICOTT CITY, MD 21048  
410-992-6000

**DEVELOPER'S CERTIFICATE**

"I/WE CERTIFY THAT ALL DEVELOPMENT AND 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 DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY CONSERVATION DISTRICT."

**ENGINEER'S CERTIFICATE**

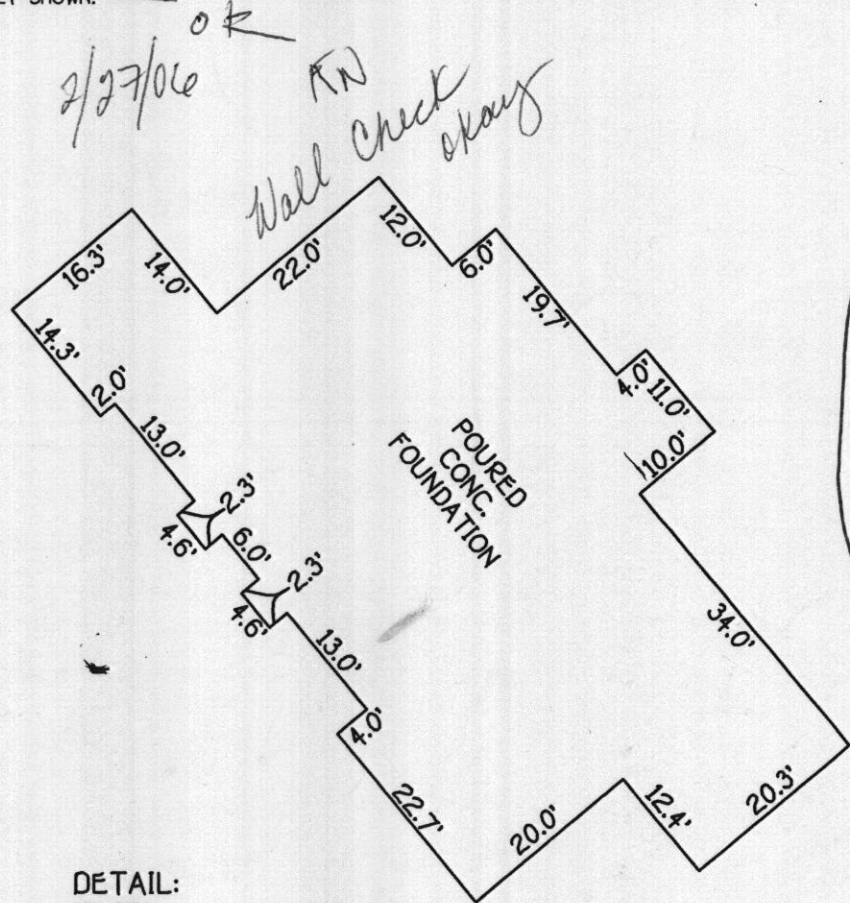
"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE PROJECT AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE MARYLAND PROFESSIONAL LAND SURVEYING AND MAPPING ACT AND THE HOWARD COUNTY CONSERVATION DISTRICT."

**SITE DEVELOPMENT, SEDIMENT/EROSION CONTROL PLAN, NOTES & DETAILS**

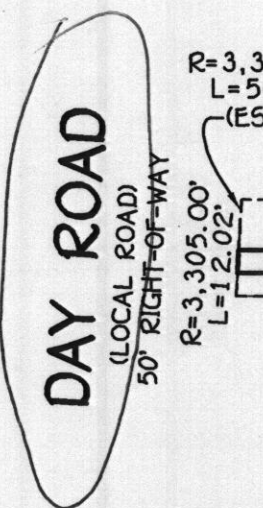
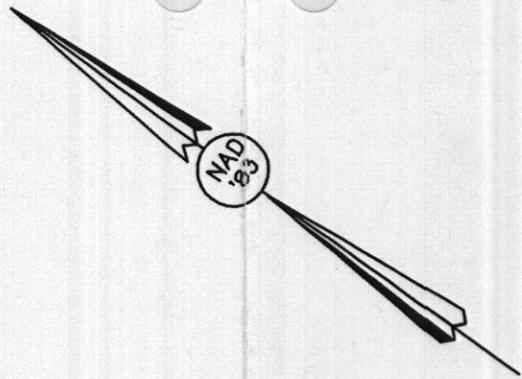
**TALLEY PROPERTY**

**GENERAL NOTES:**

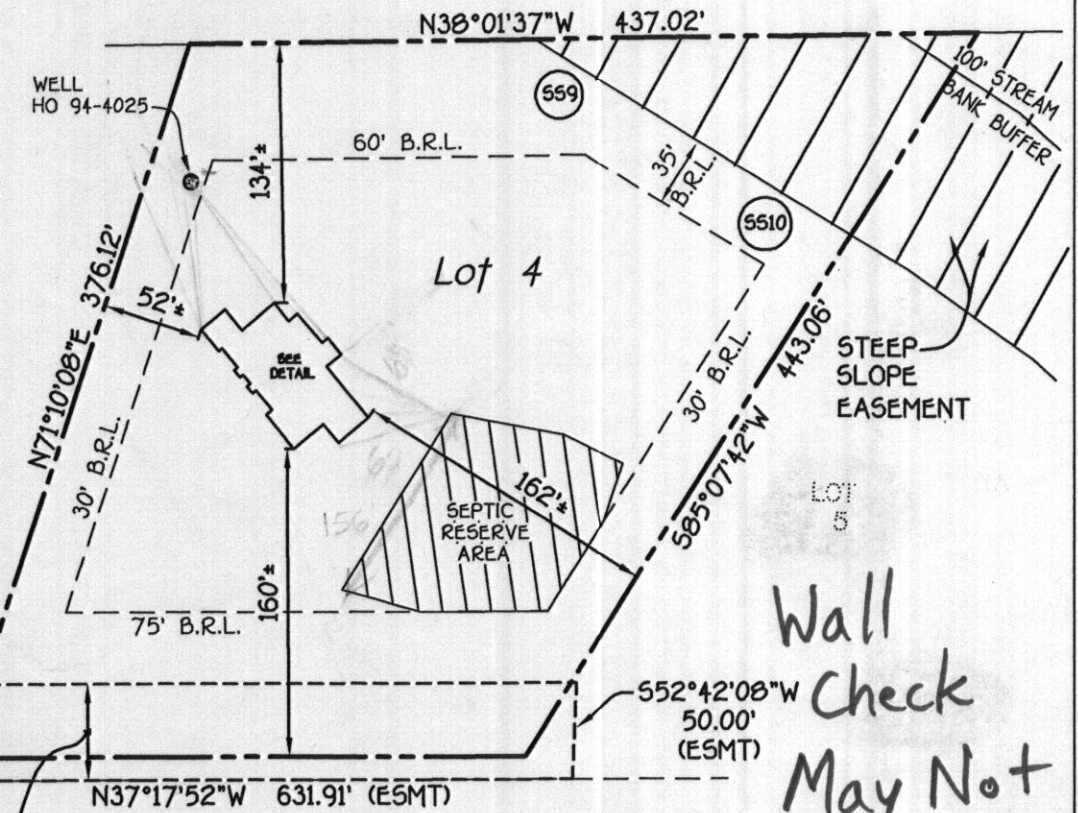
- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS 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. 2400440009B EFFECTIVE DEC. 4, 1996.
- 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 - 4025) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



DETAIL:  
1"=20'



PRIVATE 50' WIDE USE-IN-COMMON ACCESS DRIVEWAY EASEMENT, MAINTENANCE, LANDSCAPE AND UTILITY EASEMENT ACROSS LOTS 3, 4 & 5 FOR THE USE AND BENEFIT OF LOTS 3, 4 & 5. MAINTENANCE AGREEMENT RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, SIMULTANEOUSLY WITH THIS PLAT.



DAVID R. MALAT & WIFE  
LIBER 407/ FOLIO 634  
TAX MAP 9 - PARCEL 116

**STEEP SLOPE EASEMENT**

559	501°30'38"W	58.37'
5510	505°55'15"E	171.03'

DENOTES 25 PERCENT OR GREATER SLOPES.

Wall Check  
May Not  
Be  
Accurate

**HOUSE LOCATION DRAWING**

FOUNDATION LOCATION: 10/10/05  
FINAL LOCATION: \_\_\_\_\_  
BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=100'  
DATE: 10/13/05  
DRAWN BY: V.L.J.  
CHECKED BY: M.L.R.  
PROJECT No.: 04156

**LOT 4  
TALLEY PROPERTY**  
LOTS 3 THRU 5  
(A RESUBDIVISION OF LOTS 1 & 2,  
ON A PLAT ENTITLED EARL  
& JEANNE R. TALLEY  
PLAT NO. 4627)  
THIRD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT NO. 16723

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
(410) 461 - 2955



*Mark L. Robel*  
PROFESSIONAL LAND SURVEYOR  
REG. • 339  
DATE: 10/13/05

DAY ROAD  
B.R.L. = BUILDING RESTRICTION LINE  
TOP OF FOUNDATION ELEV. = 491.3'±