SEDIMENT CONTROL NOTES

1) A MINIMUM OF 40 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 (301-6955).
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 MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
3) FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (3) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER 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 THEM. PERIMETER IN ACCORDANCE WITH VOL. I, 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 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SOD (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.
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	0.9939 ACRES
AREA DISTURBED	0.5898 ACRES
AREA TO BE ROOFED OR PAVED	0.1965 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.3336 ACRES
TOTAL CUT	155 CU.YDS.
TOTAL FILL	155 CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION	N/A

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 CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY 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 THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (1 day)
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE. (2 days)
4. CONSTRUCT DWELLING ON SITE. (90 days)
5. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTURBED 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.
IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS:

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER OR 1.38LB./1000 SQ. FT.)

SEEDING:

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE OR 1.5LB./1000 SQ.FT.)FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (.07 LBS./1000SQ.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 (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.
REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDBED 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./1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC. INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 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 (1) - TWO 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 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

MULCHING:

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER USE 348 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

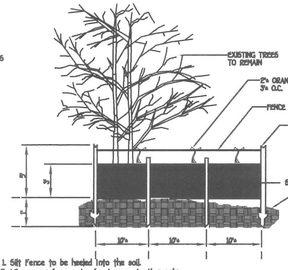
MAINTENANCE:

INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.
* FOR PUBLIC PONDS SUBSTITUTE CHEWING CROWNVETCH 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.

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 AN AGRONOMIST 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 CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, 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, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

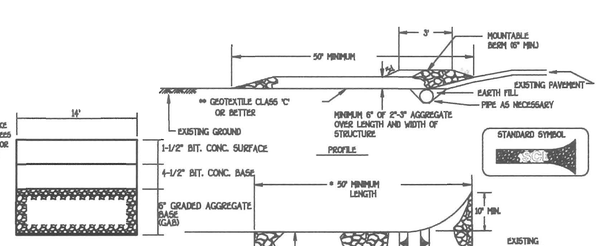
WHERE THE TOPSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.



1. Silt Fence to be heeled into the soil.
2. Wire, snow fence, etc. for tree protection only.
3. Boundaries of Retention Area will be established as part of the forest conservation plan review process.
4. Boundaries of Retention Area should be staked and flagged prior to installing device.
5. Avoid root damage when placing anchor posts.
6. Device must be properly maintained throughout construction.
7. Protection signs are also required, see Figure C-4.
8. Locate fence outside the Critical Root Zone.

SILT FENCE & TREE PROTECTION

NOT TO SCALE



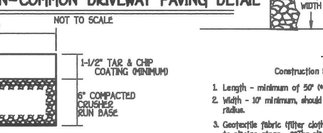
Construction Specification

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.

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



DRIVEWAY PAVING DETAIL

NOT TO SCALE

USE-IN-COMMON DRIVEWAY PAVING DETAIL

NOT TO SCALE

SCHEDULE A
PERIMETER LANDSCAPE EDGE

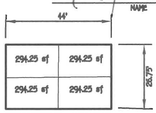
CATEGORY	ADJACENT TO ROADWAY	ADJACENT TO PROPERTY				
PERIMETER	P-1	P-2	P-3	P-4	P-5	P-6
LANDSCAPE TYPE	NONE REQUIRED	A	A	A	A	A
LINEAR FEET OF PERIMETER	200'	250'	50'	100'	150'	150'
NUMBER OF PLANTS REQUIRED SHADE TREES	0	5	1	2	3	3
CREDIT FOR EXISTING VEGATATION	N/A	100%	100%	100%	100%	33.3%
SHADE TREES PROVIDED		N/A	N/A	N/A	N/A	2*
EVERGREEN TREES (2:1 SUBSTITUTION)		N/A	N/A	N/A	N/A	N/A
ORNAMENTAL TREES (2:1 SUBSTITUTION)		N/A	N/A	N/A	N/A	N/A

*CREDIT IS TAKEN FOR 1 EXISTING SHADE TREE TO REMAIN ALONG PERIMETER 6

BUILDER/DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT THE REQUIRED LANDSCAPING 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 CERTIFICATION OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

Jay A. Kelly 5/23/05
NAME DATE

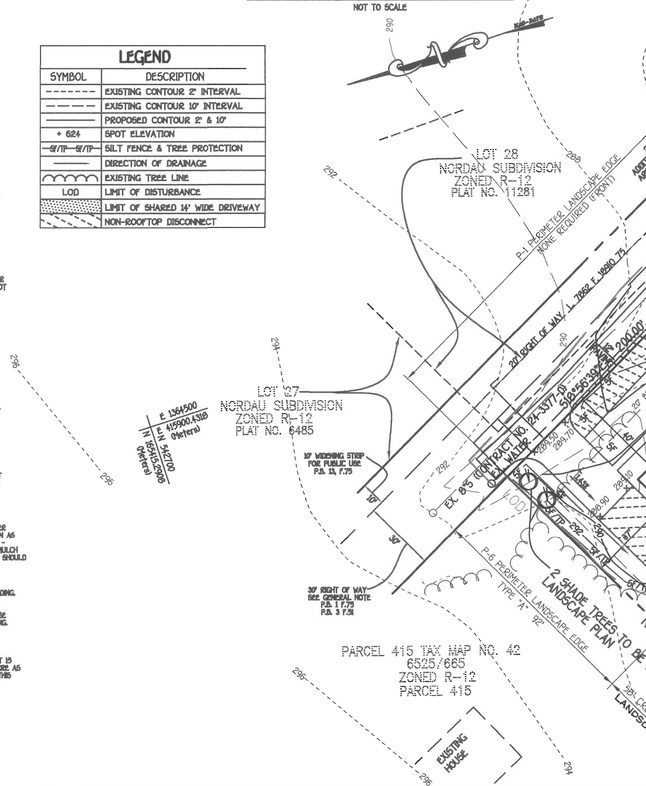


KELLY RESIDENCE

SCALE: 1"=30'

SYMBOL	DESCRIPTION
	EXISTING CONTOUR 2' INTERVAL
	EXISTING CONTOUR 10' INTERVAL
	PROPOSED CONTOUR 2' & 10'
+ 624	SPOT ELEVATION
-SF/TP-SF/TP-	SILT FENCE & TREE PROTECTION
	DIRECTION OF DRAINAGE
	EXISTING TREE LINE
LOD	LIMIT OF DISTURBANCE
	LIMIT OF SHARED 14' WIDE DRIVEWAY
	NON-ROOFTOP DISCONNECT

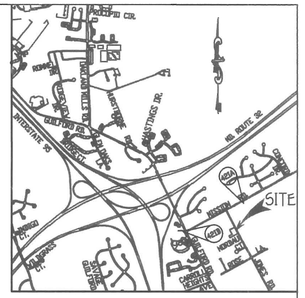
LEGEND



BENCH MARKS

42 IA CONC. MON.
N.543390.386
E.1364912.654
ELEV. 312.653

42 IB CONC. MON.
N.542366.879
E.1363076.001
ELEV. 283.185



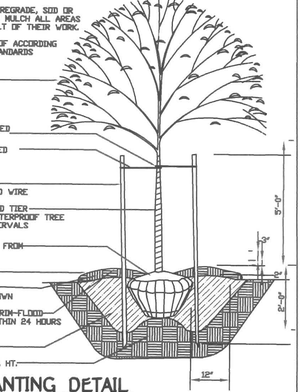
VICINITY MAP

SCALE: 1" = 2000'

GENERAL NOTES

1. SUBJECT PROPERTY IS ZONED R-12 PER COMPREHENSIVE ZONING PLAN DATED FEB. 2, 2004.
2. THE TOTAL AREA OF SITE: 0.903 AC. OR 39,370.86 SF.
3. THE TOTAL NUMBER OF LOTS INCLUDED IN THIS SUBMISSION IS 1 SF
4. THE TOTAL DISTURBED AREA IS 0.525 AC+ OR 22,873 SQ. FT.
5. THE SHC ELEVATION SHOWN IS LOCATED AT THE PROPERTY LINE.
6. ANY DAMAGE TO COUNTY OWNED RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
7. ALL ROADWAYS ARE PUBLIC AND EXISTING.
8. THE EXISTING TOPOGRAPHY IS BASED ON FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY BY FISHER, COLLINS & CARTER, INC. IN MAY, 2004.
9. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM - HOWARD COUNTY CONTROL STATIONS.
10. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/DIVISION OF CONSTRUCTION INSPECTION AT 410-313-1880 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE START OF WORK.
11. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
12. IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 10' 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 SETBACKS.
13. THERE ARE NO BURIAL GROUNDS LOCATED ON THIS SITE.
14. FOREST CONSERVATION IS NOT APPLICABLE TO THIS SITE PER SECTION 16.1202(b)(1) OF THE COUNTY CODE, WHICH STATES: A SUBDIVISION, SITE DEVELOPMENT OR GRADING PERMIT FOR DEVELOPMENT ON LAND WHICH IS LESS THAN 40,000 SQ.FT. IS EXEMPT FROM FOREST CONSERVATION REQUIREMENTS.
15. THIS SUBDIVISION PLAN IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AS AMENDED UNDER COUNCIL BILL #45-2003 AND IS SUBJECT TO THE NEW R-12 ZONING DISTRICT REGULATIONS PER COUNCIL BILL #75-2003 ADOPTED BY THE COUNTY COUNCIL ON FEB. 2, 2004 AS PART OF THE COMPREHENSIVE ZONING PLAN.
16. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.
17. THE LANDSCAPING REQUIREMENTS ARE PROVIDED BY EXISTING VEGATATION AND THE PLANTING OF TWO SHADE TREES ALONG PERIMETER EDGE P-6. LANDSCAPING SURETY IN THE AMOUNT OF $300.00 SHALL BE POSTED WITH THE GRADING PERMIT.
18. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS.
   A.) WIDTH - 12' 24' IF SERVING MORE THAN ONE RESIDENCE)
   B.) SURFACE - 6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN.)
   C.) GEOMETRY MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45 FOOT TURNING RADIUS.
   D.) STRUCTURES - (BRIDGES/CULVERTS) CAPABLE OF SUPPORTING 25 GROSS TONS
   E.) DRAINAGE ELEMENTS CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
   F.) STRUCTURE CLEARANCES - MINIMUM 12 FEET
   G.) MAINTENANCE SUFFICIENT TO INSURE ALL WEATHER USE. 0925-LOADING)
19. REQUIREMENTS FOR WATER QUALITY VOLUME AND GROUNDWATER RECHARGE VOLUME AS REQUIRED BY THE 2000 MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, VOLUMES 1 AND 2 HAVE BEEN MET ON-SITE. SINCE THE 1 YEAR STORM IS LESS THAN 2.0 C.F.S., REQUIREMENTS FOR CHANNEL PROTECTION VOLUME IS NOT REQUIRED FOR THIS PROJECT.
   ALL REQUIREMENTS FOR ROOFTOP AND NON-ROOFTOP DISCONNECTION PER SECTIONS 5.2 AND 5.3 OF THE AFOREMENTIONED DESIGN MANUAL HAVE BEEN MET ON-SITE AS WELL. ALL DISCONNECTION LENGTHS AND SLOPES ARE CLEARLY DESIGNATED ON THE PLAN.
20. FOR DRIVEWAY ENTRANCE DETAIL REFER TO HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD DETAIL S8.00.
21. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISION OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. REQUIRED LANDSCAPING SURETY HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF $600.00 FOR 2 INTERIOR LANDSCAPING TREES.
22. THE PRIVATE ROAD THAT LIES WITHIN THE 30' WIDENING STRIP (P.B.1 F. 75, P.B. 3 F.58) IS OWNED BY THE DEVELOPERS OF NORDAU SUBDIVISION, THEIR HEIRS AND SUCCESSORS. ALL PROPERTIES SHOWN ON P. B. 13 F. 75 GAIN VEHICULAR INGRESS AND EGRESS TO JONES ROAD WITH AN OVERLAPPING EASEMENT FOR VEHICULAR AND PEDESTRIAN ACCESS VIA THE 30' WIDENING STRIP.

NOTE: CONTRACTOR TO REGRADE, SOD OR HYDROSEED AND STRAW MULCH ALL AREAS DISTURBED AS A RESULT OF THEIR WORK.



TREE PLANTING DETAIL

No Scale

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
1	7894 JONES ROAD

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

NO.	REVISION	DATE

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."

Earl D. Collins 4-25-05
Signature of Engineer Date

STATE OF MARYLAND EARL D. COLLINS No. 9793 PROFESSIONAL ENGINEER

BUILDER/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 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 Soil Conservation District."

Joshua & Joy Kelley 4/21/05
Signature of Developer Date

Reviewed for HOWARD SCD and meets Technical Requirements.

Jim Myers 5/4/05
U.S.D.A.-Natural Resources Conservation Service Date

This development plan is approved for erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

John R. Robertson 5/4/05
Howard SCD Date

OWNER/BUILDER

JOSHUA AND JOY KELLEY
4020 BRUMMEL ROAD
PASADENA, MD. 21122
410-360-5062

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Lindy Hamilton 5/24/05
Chief, Division of Land Development Date

Kelly O'Connor 5/12/05
Chief, Development Engineering Division Date

Marsha S. McLaughlin 5/25/05
Director - Department of Planning and Zoning Date

PROJECT			SECTION	PARCEL NO.
KELLY PROPERTY			N/A	414
DEED REF	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
7862/189	24	R-12	42	SIXTH	6069.01
WATER CODE		SEWER CODE		
B03		4400000		

SITE, SEDIMENT/EROSION CONTROL, LANDSCAPE PLAN, NOTES & DETAILS

SINGLE FAMILY DETACHED

KELLY PROPERTY

PARCEL 414

TAX MAP NO. 42 BLOCK NO. 24
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: APRIL, 2005
SHEET 1 OF 1

SDP-04-127

K:\Drawings\6616\24 Jones Road\6616\24 REVISED SITE PLAN.dwg, 4/19/2005 4:48:04 PM

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AREA DISTURBED	0.5828 ACRES
AREA TO BE ROOFED OR PAVED	0.063 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.3338 ACRES
TOTAL CUT	189 CU.YDS.
TOTAL FILL	189 CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION	N/A

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 CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY 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 SUBSEQUENT ON-SITE INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THE INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
11) 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.

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (1 day)
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE. (2 days)
4. CONSTRUCT DWELLING ON SITE. (90 days)
5. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTURBED 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, IF NOT PREVIOUSLY LOOSENED.

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 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (112 LBS./1,000 SQ.FT)FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS/ACRE OF WEEPING LOVEGRASS (.07 LBS/1000SQ.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 (70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 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 (8 GAL./1,000 SQ.FT.) FOR ANCHORING.
REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR SLOPE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDBED 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./1,000 SQ.FT.) AND 600 LBS. PER ACRE 10-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 300 LBS. PER ACRE (13.5 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 160 LBS. PER ACRE (3.5 LBS./1,000 SQ.FT.) OF CONTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS/ACRE (1.4 LBS./1,000 SQ.FT.) CONTUCKY 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 (1) - USE SOD. OPTION (2) - SEED WITH 160 LBS./ACRE CONTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

MULCHING:

APPLY 1 1/2 TO 2 TONS PER ACRE (90 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN 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 (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

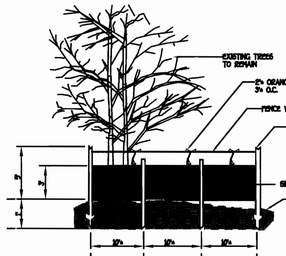
MAINTENANCE:

INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.
* FOR PUBLIC PONDS SUBSTITUTE CHROMING CHROMATECH 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.

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 AN AGRONOMIST 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 CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, 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, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

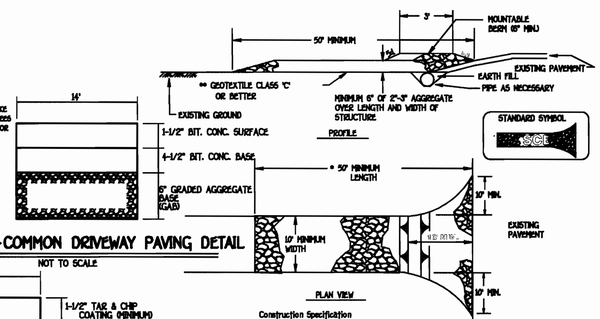
WHERE THE TOPSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.



1. Silt Fence to be heated into the soil.
2. Wire, snow fence, etc. for tree protection only.
3. Boundaries of Retention Area will be established as part of the forest conservation plan review process.
4. Boundaries of Retention Area should be staked and flagged prior to installing device.
5. Avoid root damage when placing anchor posts.
6. Device should be properly maintained throughout construction.
7. Protection signs may be required, see Figure C-4.
8. Locate fence outside the Critical Root Zone.

SILT FENCE & TREE PROTECTION

NOT TO SCALE



STANDARD SYMBOL SCL

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.

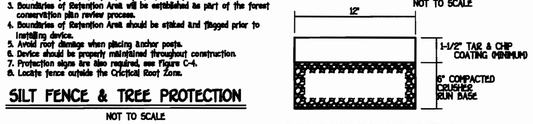
Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

USE-IN-COMMON DRIVEWAY PAVING DETAIL

NOT TO SCALE



DRIVEWAY PAVING DETAIL

NOT TO SCALE

LANDSCAPE SCHEDULE				
QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
2		ACER RUBRUM OCTOBER GLORY	OCTOBER GLORY MAPLE	2 1/2"-3"

LEGEND	
SYMBOL	DESCRIPTION
	EXISTING CONTOUR 2' INTERVAL
	EXISTING CONTOUR 10' INTERVAL
	PROPOSED CONTOUR 2' & 10'
+ 624	SPOT ELEVATION
-SF/TP-SF/TP-	SILT FENCE & TREE PROTECTION
	DIRECTION OF DRAINAGE
	EXISTING TREE LINE
LOD	LIMIT OF DISTURBANCE
	LIMIT OF SHARED 14' WIDE DRIVEWAY
	NON-ROOFTOP DISCONNECT

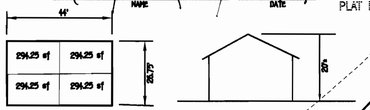
SCHEDULE A PERIMETER LANDSCAPE EDGE						
CATEGORY	ADJACENT TO ROADWAY	ADJACENT TO PROPERTY				
PERIMETER	P-1	P-2	P-3	P-4	P-5	P-6
LANDSCAPE TYPE	NONE REQUIRED	A	A	A	A	A
LINEAR FEET OF PERIMETER	200'	250'	50'	100'	150'	150'
NUMBER OF PLANTS REQUIRED SHADE TREES	0	5	1	2	3	3
CREDIT FOR EXISTING VEGATATION	N/A	100%	100%	100%	100%	33.3%
SHADE TREES PROVIDED		N/A	N/A	N/A	N/A	2*
EVERGREEN TREES (2:1 SUBSTITUTION)		N/A	N/A	N/A	N/A	N/A
ORNAMENTAL TREES (2:1 SUBSTITUTION)		N/A	N/A	N/A	N/A	N/A

*CREDIT IS TAKEN FOR 1 EXISTING SHADE TREE TO REMAIN ALONG PERIMETER 6

BUILDER/DEVELOPER'S CERTIFICATE

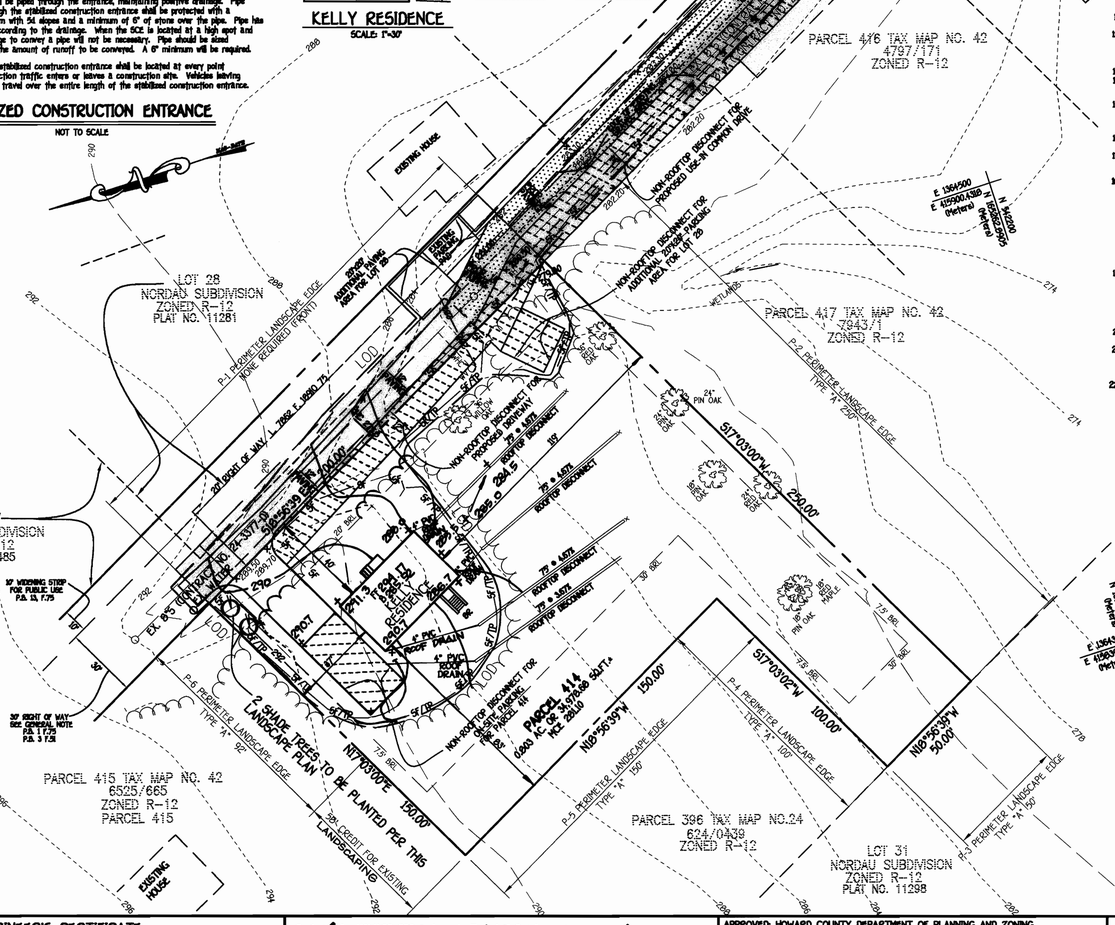
I/WE CERTIFY THAT THE REQUIRED LANDSCAPING WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

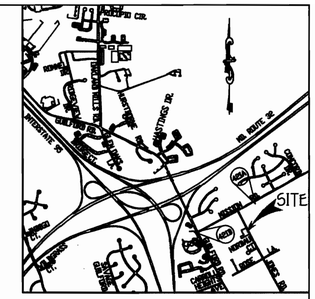
NAME — DATE 5/23/05



KELLY RESIDENCE

SCALE: 1"=30'





VICINITY MAP

SCALE: 1"= 2000'

BENCH MARKS

42 1A CONC. MON.
N.543390.386
E.1364912.654
ELEV. 312.653

42 1B CONC. MON.
N.542660.879
E.1363076.001
ELEV. 283.185

GENERAL NOTES

1. SUBJECT PROPERTY IS ZONED R-12 PER COMPREHENSIVE ZONING PLAN DATED FEB. 2, 2004.
2. THE TOTAL AREA OF SITE: 0.60 AC. OR 26,207 SQ. FT. GROSS
3. THE TOTAL NUMBER OF LOTS INCLUDED IN THIS SUBMISSION IS 1 EA
4. THE TOTAL DISTURBED AREA IS 0.5828 AC± OR 25,873 SQ. FT.
5. THE BFE ELEVATION SHOWN IS LOCATED ON THE PROPERTY LINE.
6. ANY DAMAGE TO COUNTY OWNED RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPERS EXPENSE.
7. ALL ROADWAYS ARE PUBLIC AND EXISTING.
8. THE EXISTING TOPOGRAPHY IS BASED ON FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY BY FISHER, COLLINS & CARTER, INC. IN MAY, 2002.
9. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM - HOWARD COUNTY CONTROL STATIONS.
10. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/DIVISION OF CONSTRUCTION INSPECTION AT 410-313-1880 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE START OF WORK.
11. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
12. IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 30 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 SETBACKS.
13. THERE ARE NO BURIAL GROUNDS LOCATED ON THIS SITE.
14. FOREST CONSERVATION IS NOT APPLICABLE TO THIS SITE PER SECTION 16.1202(b)(1) OF THE COUNTY CODE, WHICH STATES: A SUBDIVISION, SITE DEVELOPMENT OR GRADING PERMIT FOR DEVELOPMENT ON LAND WHICH IS LESS THAN 40,000 SQ.FT. IS EXEMPT FROM FOREST CONSERVATION REQUIREMENTS.
15. THIS SUBDIVISION PLAN IS SUBJECT TO THE APPROVED 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AS AMENDED UNDER COUNCIL BILL 45-2003 AND IS SUBJECT TO THE NEW R-12 ZONING DISTRICT REGULATIONS PER COUNCIL BILL 75-2003 ADOPTED BY THE COUNTY COUNCIL ON FEB. 2, 2004 AS PART OF THE COMPREHENSIVE ZONING PLAN.
16. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.
17. THE LANDSCAPING REQUIREMENTS ARE PROVIDED BY EXISTING VEGATATION AND THE PLANTING OF TWO SHADE TREES ALONG PERIMETER EDGE P-4. LANDSCAPING SURETY IN THE AMOUNT OF $2000.00 SHALL BE POSTED WITH THE GRADING PERMIT.
18. 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' 0W IF SERVING MORE THAN ONE RESIDENCE
   B) SURFACE - 6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN.)
   C) GEOMETRY MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45 FOOT TURNING RADIUS.
   D) STRUCTURES - (BRIDGES/CULVERTS) CAPABLE OF SUPPORTING 25 GROSS TONS
   E) DRAINAGE ELEMENTS CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
   F) STRUCTURE CLEARANCES - MINIMUM 12 FEET. (I-425-LOADING)
   G) MAINTENANCE SUFFICIENT TO INSURE ALL WEATHER USE.
19. REQUIREMENTS FOR WATER QUALITY VOLUME AND GROUNDWATER RECHARGE VOLUME AS REQUIRED BY THE 2000 MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, VOLUMES 1 AND 2 HAVE BEEN MET ON-SITE. SINCE THE 1 YEAR STORM IS LESS THAN 2.0 C.F.S., REQUIREMENTS FOR CHANNEL PROTECTION VOLUME IS NOT REQUIRED FOR THIS PROJECT.
   ALL REQUIREMENTS FOR ROOFTOP AND NON-ROOFTOP DISCONNECTION PER SECTIONS 5.2 AND 2.3 OF THE ACCOMPANYING DESIGN MANUAL HAVE BEEN MET ON-SITE AS WELL. ALL DISCONNECTION LENGTHS AND SLOPES ARE CLEARLY DESIGNATED ON THE PLAN.
20. FOR DRIVEWAY ENTRANCE DETAIL REFER TO HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD DETAIL R6.06.
21. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISION OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. REQUIRED LANDSCAPING SURETY HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF $600.00 FOR 2 INTERIOR LANDSCAPING TREES.
22. THE PRIVATE ROAD THAT LIES WITHIN THE 30' WIDENING STRIP (P.B.I F. 73, P.B. 3 F.50) IS OWNED BY THE DEVELOPERS OF NORDAU SUBDIVISION, THEIR HEIRS, AND SUCCESSORS. ALL PROPERTIES SHOWN ON P.B. 13 F. 73 GAIN VEHICULAR INGRESS AND EGRESS TO JONES ROAD WITH AN OVERLAPPING EASEMENT FOR VEHICULAR AND PEDESTRIAN ACCESS VIA THE 30' WIDENING STRIP.

NOTE: CONTRACTOR TO REGRADE, SOD OR HYDROSEED AND STRAW MULCH ALL AREAS DISTURBED AS A RESULT OF THEIR WORK.

SPRAY WITH WILT-PROOF ACCORDING TO MANUFACTURERS STANDARDS

PRUNE & FINISH GRADE AREA BUT RETAIN NATURAL

RUBBER HOSE 8 PIECES OF REINFORCED

DOUBLE #12 GALVANIZED WIRE GUYS TWISTED

3-2"X 8' OAK STAKES, NOTCH STAKES TO HOLD WIRE

WRAP TRUNK TO SECOND TIER OF BRANCHES WITH WATERPROOF TREE WRAP, TIE AT 24" INTERVALS (EXCEPT EVERGREENS)

REMOVE ANY COVERING FROM TOP OF ROOT CROWN

MAINTAIN GROUND LINE WITH TOP OF ROOT CROWN

CONSTRUCT 3" SAUCER RIM-FLOOD WITH WATER TWICE WITHIN 24 HOURS

TOP SOIL MIXTURE

CONVEX BOTTOM 6" MIN. HT.

TREE PLANTING DETAIL

No Scale

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
1	7894 JONES ROAD

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

NO.	REVISION	DATE
1	Rev. grd. to show existing conditions	5-16-05

STATE OF MARYLAND EARL D. COLLINS No. 9793 PROFESSIONAL ENGINEER

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 — Date 4-25-05

BUILDER/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 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 Soil Conservation District."

Signature of Developer — Date 4/21/05

Reviewed for HOWARD SCD and meets Technical Requirements.
USDA-Natural Resources Conservation Service — Date 5/4/05
This development plan is approved for erosion and sediment control by the Howard SCD. — Date 5/4/05

OWNER/BUILDER
JOSHUA AND JOY KELLEY
4020 BRUMMEL ROAD
PASADENA, MD. 21122
410-360-5062

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Division of Land Development	Date 5/24/05
Chief, Development Engineering Division	Date 5/12/05
Director - Department of Planning and Zoning	Date 5/25/05

PROJECT	SECTION	PARCEL NO.
KELLY PROPERTY	N/A	414

DEED REF	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
7862/109	24	R-12	42	SIXTH	6069.01

WATER CODE	SEWER CODE
B03	4400000

SITE, SEDIMENT/EROSION CONTROL, LANDSCAPE PLAN, NOTES & DETAILS

SINGLE FAMILY DETACHED

KELLY PROPERTY

PARCEL 414

TAX MAP NO. 42 BLOCK NO. 24
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"= 30' DATE: APRIL, 2005
SHEET 1 OF 1

SDP-04-127

K:\Drawings 6161-6124 Jones Road\6161-6124 REVISED SITE PLAN.dwg, 4/19/2005 4:48:04 PM