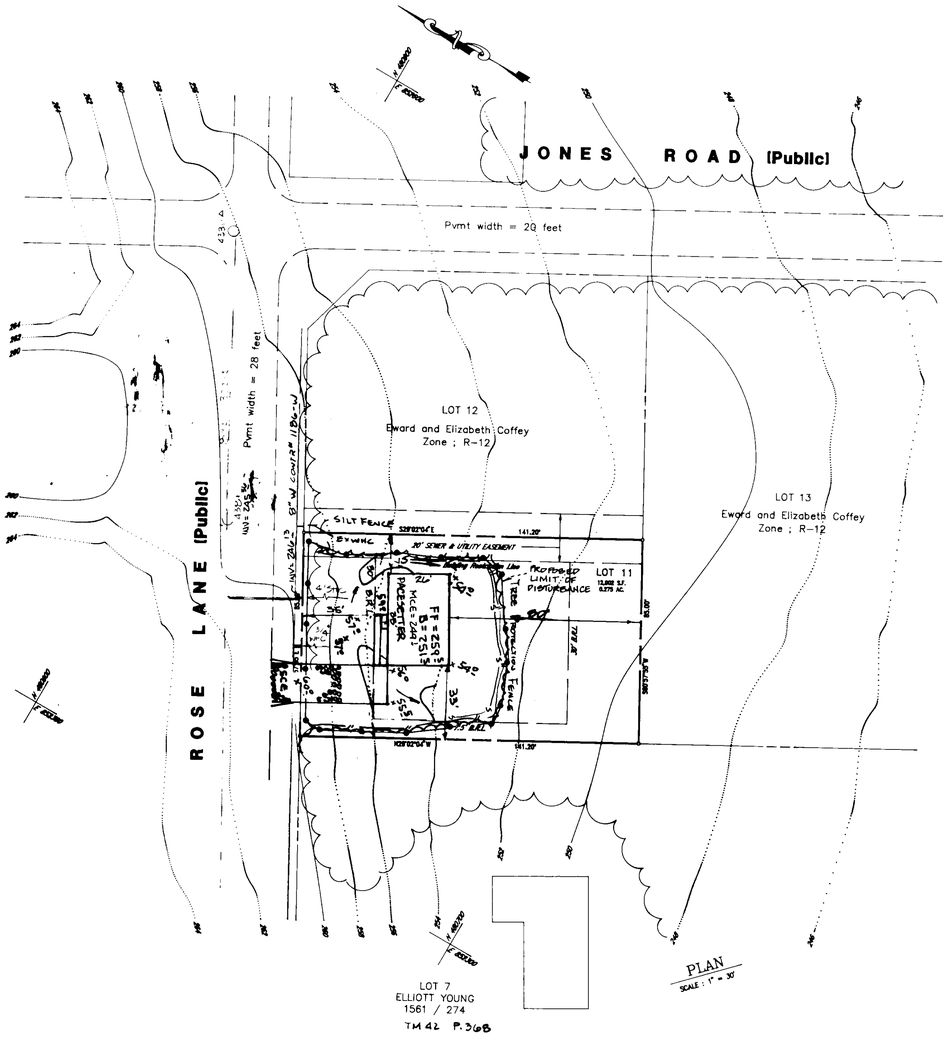


PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

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

Soil Amendments: In lieu of soil test recommendations, use the following schedules:

1) Preferred – apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs per acre 10-10-10 fertilizer (14 +s/1000 s q. ft.) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400lbs per acre 30-0-0 ureaform fertilizer (9lbs/1000

2) Acceptable – apply 2 tons per acre dolomitic limestone(92 lbs/1000 sq. ft.) and 1000 lbs per acre 10-10-10 fertilizer (23 +s/1000 sq. ft.) before seeding. Harrow or disc into upper three inches of soil one of the following schedules:

Seeding – For the periods March 1 thru April 30, and Aug. 1 thru Oct. 15, seed with 80 lbs per acre (1.4 lbs/1000 sq. ft) of Kentucky 31 tall fescue, for the period May 1 thru July 31, seed with 80 lbs Kentucky 31 tall fescue, per acre and 2 lbs per acre (.05 lbs/1000s. ft.) in sleeping bumpgrass during the period of Oct. 16 thru Feb. 28, protect site by option (1) 2 tons per acre of well-anchored straw mulch and seed as soon as possible in the spring, option (2) use sod, option (3) seed with 60 lbs/acre Kentucky 31 tall fescue and mulch with 2 tons/acre well-anchored straw. (sq. ft.).

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 another mulch immediately another mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas 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, reseedmulch and reanchorage temporary seedling cotes sq. ft. for the period Nov. 16 thru Feb. 28, protect site by applying 3 ton per acre of well-anchored straw mulch and seed as soon as possible in the spring, or used sod.

TEMPORARY SEEDING NOTES

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

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

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

Seeding: For periods March 1 thru April 30 and from August 1st thru Nov. 15, seed with 2 1/2 bushel per acre of unhulled rye (3.2 lbs/1000 sq. ft) for the period May 1 thru July 14, seed with 3 lbs per acre of weeping lovegrass (.07lbs/1000 sq. ft.).

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, another mulch immediately after mulch anchoring tool, anchoring tool or 218 gal per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas, on slopes, 8 ft. or higher, use 348 gal per acre (8 gal/1000 sq. ft.) for anchoring. refer to the 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control for rate and methods not covered.

STANDARD SEDIMENT CONTROL NOTES:

1) A minimum of 48 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (313-1855).
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 Maryland Standards and Specifications for Soil Erosion and Control.
3. Following initial soil disturbance or redisturbance, permanent or temporary temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with vol. 1, chapter 12, of the Howard County Design Manual, Storm Drainage.
5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 Maryland Standards and Specifications for soil erosion and sediment control for permanent seedings (sec. 51) sod (sec. 54), temporary seedling (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 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	0.32 acres
area disturbed	0.15 acres
area to be roofed or paved	0.02 acres
area to be vegetatively stabilized	0.13 acres
total cut	— cu. yds
total fill	— cu. yds
offsite waste/borrow area location	—

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 DPW 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 control, 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.

SEQUENCE OF CONSTRUCTION

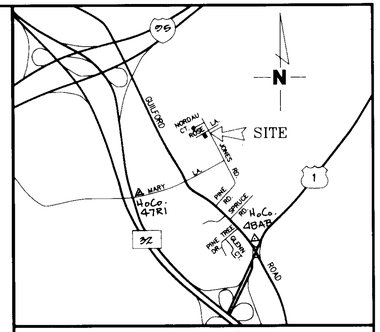
1. Obtain grading permit.
2. Schedule/ attend a pre construction meeting on site. 1 week
3. Install individual stabilized construction entrance 1 week
   Insure that tree protection fence is placed immediately.
4. Install sediment control measures called for on the plan.
5. No sediment control is to be removed without the inspector's permission.
6. Stabilize disturbed area.

SPECIAL NOTES :

This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-xx-xx and/or approved Water and Sewer Plans Contract # 2A-90AAP & 92ZB.

SITE ANALYSIS / GENERAL NOTES :

1. *Subject property is zoned R-12 per the 1985 Comprehensive Zoning Plan.*
2. *The total area of lot # 11 is 0.275 Acres.*
3. *The total number of lots included in this site plan is one.*
4. *Proposed improvement to property is for a single family house.*
5. *The maximum lot coverage permitted is : N/A*
6. *Department of Planning and Zoning reference file numbers are : Plat # 11086 AAP 80-P, 81-122.*
7. *Utilities shown as existing are taken from approved water and sewer plan Contract # 2A-90AAP & 92ZB, road construction plans and actual field survey.*
8. *Any damage to county owned right-of-way shall be corrected at the developer's expense.*
9. *A fee was paid by the developer in lieu of Storm water management.*
10. *All roadways are public and existing.*
11. *The existing topography shown was PERFORMED by Pacesetter Homes, on OCT 8, 1996.*
12. *The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System – Howard County Monument Nos. 20A3006 and 20A2007.*
13. *The contractor shall notify the Department of Public Works/ Bureau of Construction Inspection at (410) 313-1880 at least five (5) working days prior to the start of work.*
14. *The contractor shall notify "Miss Utility" at 1-800-257-777 at least 48 hours prior to any excavation work.*
15. *Under certain conditions, decks and porches may only extend 10 feet into front and rear setbacks.*
16. *For driveway entrance details refer to Ho.Co. Design Manual Volume IV Std. Details . (R-6.05)*
17. REQUIREMENTS OF THE LANDSCAPING MANUAL TO BE FULFILLED VIA THE RETENTION OF EXISTING VEGETATION.



VICINITY MAP
SCALE: 1"= 2000'

LEGEND

CONTOUR INTERVAL	2 FT.
EXISTING CONTOUR	284
PROPOSED CONTOUR	284
DIRECTION OF DRAINAGE	
WALK OUT BASEMENT	W.O.B.
EXISTING SEWER MAIN	S
EXISTING WATER MAIN	W
EXISTING STORM DRAIN	
EXISTING TREES TO REMAIN	

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED UPON MY PERSONAL KNOWLEDGE OF SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DIST.

DAVID C. WOESSNER P.E. #14440 — DATE

These plans have been reviewed for the Howard County Conservation District and meet the technical requirements for the Small pond Construction, Soil Erosion and Sediment Control.

U.S. Natural Resources Conservation Service — Date

These plans for Small Pond Construction, Soil Erosion and Sediment Control meet the requirements of the Howard County Soil Conservation District.

Howard Soil Conservation District — Date

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION CONTROL AND THAT ALL RSPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION OF THE 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 ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER — DATE 6/5/96

APPROVED : FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE

APPROVED : HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR — DATE 6/26/96

CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH — DATE 6/25/96

CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 6/24/96

PROJECT NAME # 8746 ROSE LANE		SECT./AREA	LOT NO.
NORDAU SUBDIVISION		E-3	11
PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
Plat # 11086	24	R-12	42	#6	# 6061.01
WATER CODE		SEWER CODE			

DEVELOPER: Pacesetter Homes

SITE DEVELOPMENT PLAN
NORDAU SUBDIVISION
LOT 11

SIXTH ELECTION DISTRICT TAX MAP #42
HOWARD COUNTY, MARYLAND.

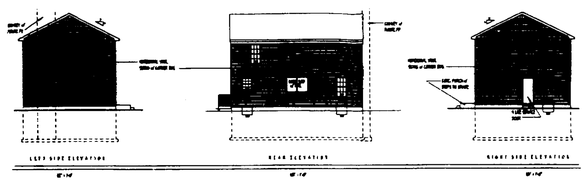
NO.	DATE	DESCRIPTION	BY
2	8-27-96	BCD COMMENTS DATED 8-2-96	B.O.F.
1	8-27-96	DPZ COMMENTS DATED 4-30-96	B.O.F.

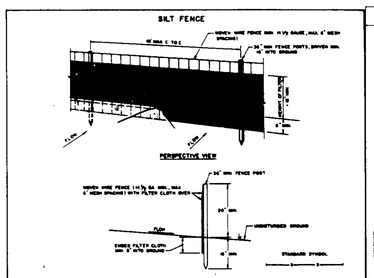
REVISION

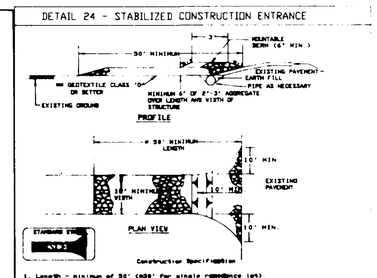
PREPARED BY:
AMERICAN LAND DEVELOPMENT AND ENGINEERING INC.
CIVIL ENGINEERING CONSULTANTS AND LAND PLANNER
671-A MAIN STREET, LAUREL, MD. 20707
BALT. (410) 880-3030 WASH. (301) 953-1221

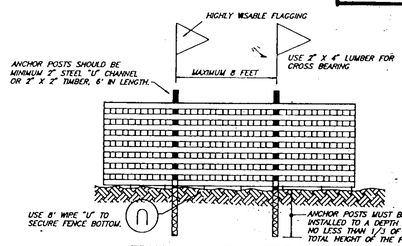
DES. : B.S.		JOB :	
DRW. : D.C.W.		FILE :	
CHK. : D.C.W.		DATE : JAN.16,96	
SCALE : 1" = 30'		SHEET 1 OF 1	

SDP-96-122









BLAZE ORANGE PLASTIC MESH
TYPICAL TREE PROTECTION FENCE DETAIL
NO SCALE

NOTES:
1. *Forest protection device only.*
2. *Retention area will be set as part of the review process.*
3. *Boundaries of retention area should be staked and flagged prior to installing device.*
4. *Root damage should be avoided.*
5. *Protection signage may also be used.*
6. *Device should be maintained throughout construction.*