#### SEDIMENT CONTROL NOTES

- 1) A minimum of 24 hours notice must be given co the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, 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, Chaper 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 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 0.2417 Acres O.11 Acres Area Disturbed Area to be roofed or paved .036 Acres
  Area to be vegetatively stabilized .074 Acres Total Cut 288 Cu. yds Total Fill <u>8</u> 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 control 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 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) If houses are to be constructed on an "As-Sold" basis, at random, Single Lot Sediment Control as shown below shall be implemented. N/A
- 12) All pipes to be blocked at the end of each day (see detail below). N/A
- 13) The total amount of straw bale dikes/silt fence equals \_\_\_\_**85**\_\_\_\_L.F.

### PERMANENT SEEDING NOTES

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

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or ther acceptable means before seeding, if not previously toosened.

- Soil Amendments: In lieu of soil test recommendations use one of the following schedules 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 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 (9 lbs/1000 sq ft).
- 2) Acceptable Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1./ lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thre July 31, send with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 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.

Mulching - Apply 11/2 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 o. flac areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft)

The language - Inspect all seeded areas and make needed repairs, replacements and reseedings.

## TEMPORARY SEEDING NOTES

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

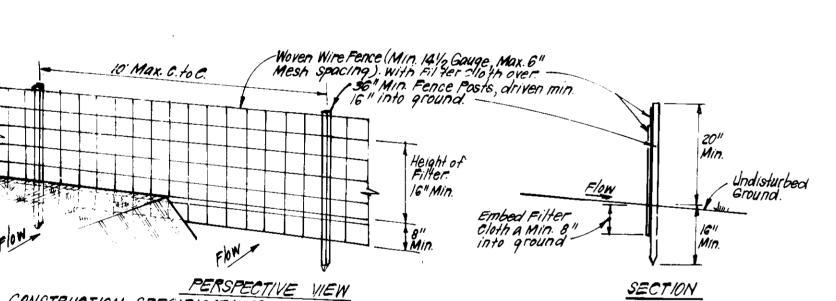
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosehed.

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

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2½ bushel per acre of annual rye (3.2 lbs/1000 sq rt). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For ther period Movember 16 thru February 28, protect site by applying 2 tons per acre of The which and seed as soon as possible in the spring, or use sod.

Molebrage Apply 15 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 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.



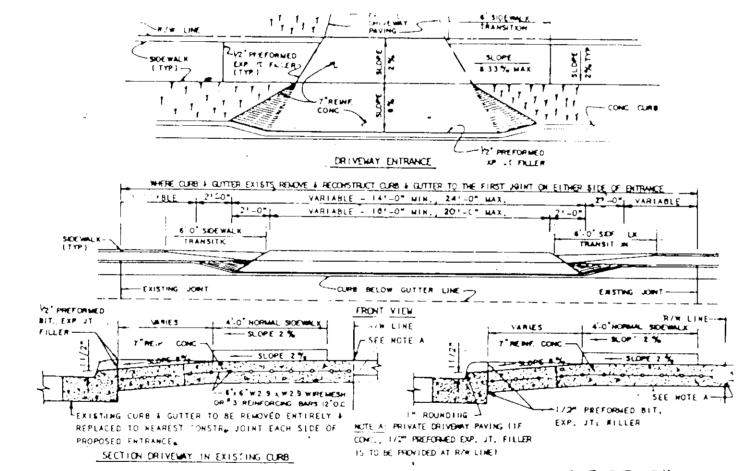
CONSTRUCTION SPECIFICATIONS: I. Woven wire fence to be fastened securely to fence posts with wire ties or staples.

Filter Cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.

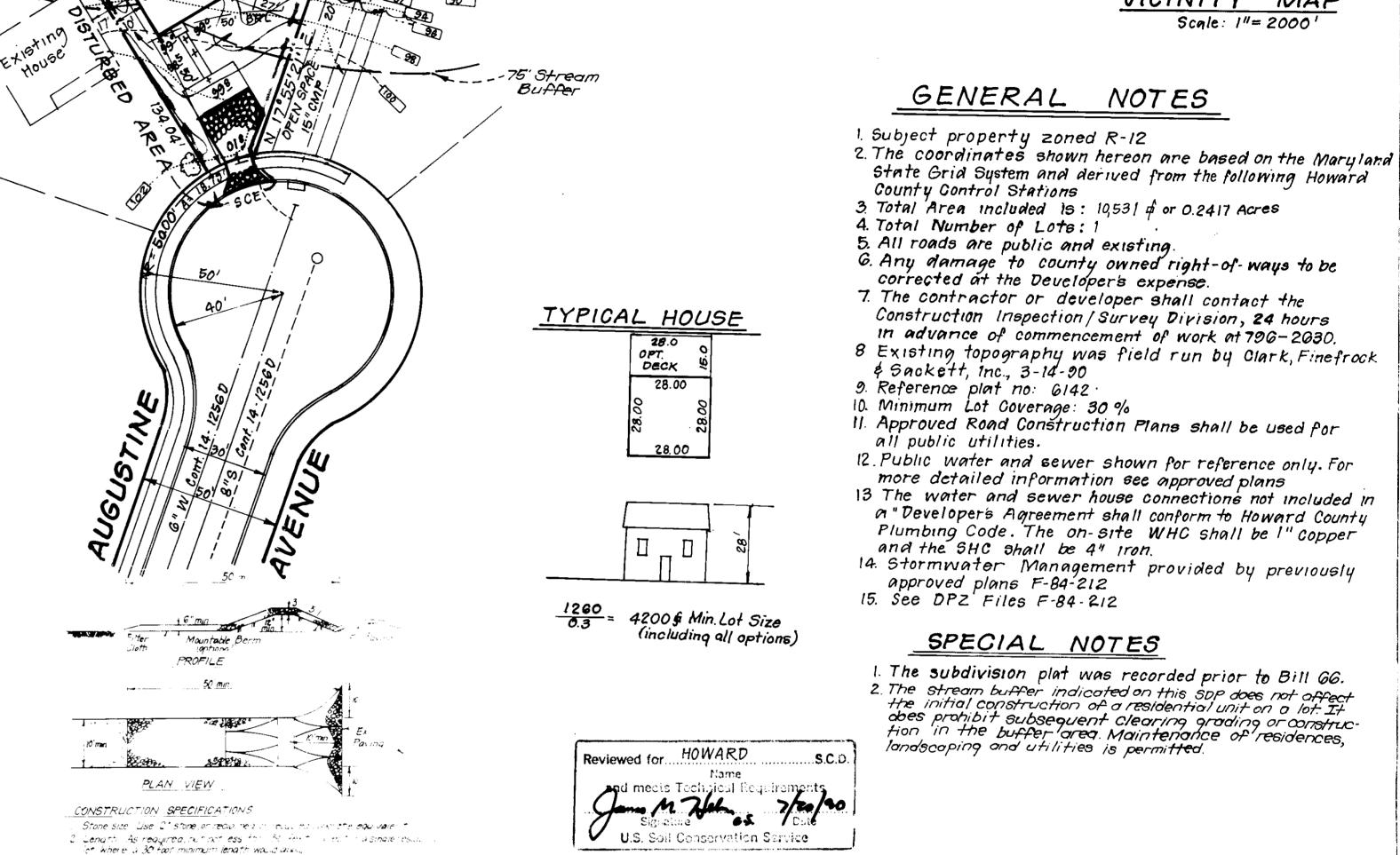
3. When 2 sections of filter cloth adjoin each other they shall be everlapped by 6" and folded.

4. Maintenance shall be performed as needed and material removed when "bulges" develop in Silt Fence.

POSTS: Steel either Tor 4 Type or 2" Hard wood FENCE: Woven Wire, 141/2 Gage 6" Max. Mosh Opening FILTER CLOTH: Filter X, Mirati 100X Stablinka, TI40N or Approv. equal PREFABRICATED UNIT: Geofab. Envirofence or Approv. equal



DRIVEWAY ABUTTING CLOSED SECTION WITH STD. 7" COMB. CURB & GUTTER & SIDEWALK SET BACK FROM CURB



LEGEND

1. Contour Interval

2. Existing Contour

3. Proposed Contour

5. Direction of drainage

9. Walk-out basement

10. 25% or Greater Slope

6. Existing trees to be saved

7. Silt fence -5-5-5-5-5

8 Stabilized Constr. Entrance

4. Spot Elevation

TOTAL | FLOOD | AREA OF 25% AREA PLAIN OF GREATER SLOPE 3G 10.531 \$ O 4,329 \$

# 9. Periodic inspection and necoed maintenance shall be piculoed after each rain. STABILIZED CONSTRUCTION ENTRANCE SCE

THIS DEVELOPMENT PLAN IS APPROVED

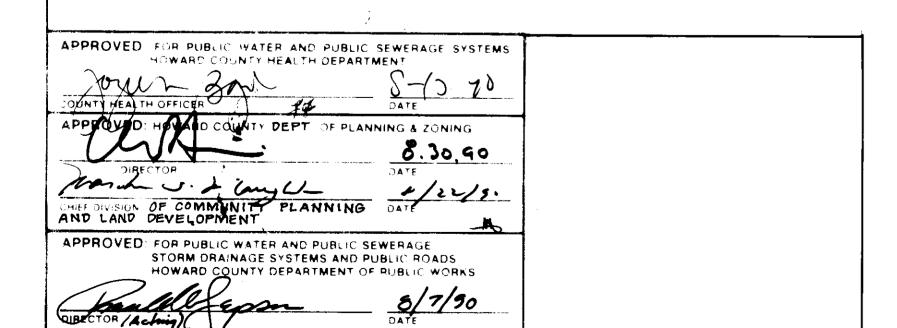
4-24-90

FOR SOIL EROSION AND SEDIMENT

CONTROL BY THE HOWARD SOIL

CONSERVATION DISTRICT

# Y. KALE



CONSTRUCTION SEQUENCE: No. of Days

A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize. B. Excavate for foundations and Rough Grade & Temporarily Shabilize.

C. Construct Structures, Sidewalks and Driveways. D. Final Grade and stabilize in accordance with Stds. & Specs.

E. Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize.

DEVELOPERS/BUILDERS CERTIFICATE

3 Thickness Not less than six 6 inches

able berm with 5 / slopes will be permitted.

where inoress or egrees occurs

must be remove a immediatelu.

4. Width - Ten (10) foot minimum but not less than the full sold the at exercise

5 Filter Cooth - Will be blaced over the entire area or or it is aging of stone

€ Surface Water - All surface water flowing or giverted toward construction

Maintenance The entrance shall be maintained in a condition, which we

prevent tracking or flowing of gediment onto public rights of way This

and repair and or cleanout of any measures used to tray sediment 4

8 Washing - Whoels shall be cleaned to remove bediment prior to entrance onto public rights -of -way. When washing is required, it shall be done on an area stabilized with stone one which drains into an approved secument

entrances shall be piped across the entrance of hima is impractical a mount

may require periodic top dressing with additional stone as conditions demand

Bedinjent spilled, dropped, wasned or tracked onto public rights of wall

Filter will not be required on a single family residence at

Mount Augustine

"I/We certify that all development and reministration will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. It also authorize periodic onsite inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control represents a consideral and workable plan base, a represent the same of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conserva-



6. Nelson Clark

Subdivision Name Sect / Area Lots: Mount Augustine 1/2 Tax | Map Nº Elec. Distr. Geneus Tr Plat No. | Block Nº Zone 6142 9 R-12 38 Water Code Sewer Code 2090000 A01 CLARK • FINEFROCK & SACKETT, INC.

ENGINEERS • PLANNERS • SURVEYO

Mt. Augustine

VICINITY MAP

Scale: 1"= 2000'

Sect. I' Area

GENERAL NOTES

3. Total Area included is: 10,531 \$ or 0.2417 Acres

State Grid System and derived from the following Howard

G. Any damage to county owned right-of-ways to be

Construction Inspection | Survey Division, 24 hours

in advance of commencement of work at 796-2030.

12 Public water and sewer shown for reference only. For

13 The water and sewer house connections not included in

Plumbing Code. The on-site WHC shall be I" copper

14. Stormwater Management provided by previously

1. The subdivision plat was recorded prior to Bill 66.

2. The stream buffer indicated on this SDP does not affect

the initial construction of a residential unit on a lot. It

obes prohibit subsequent clearing grading or construction in the buffer area Maintenance of residences,

ADDRESS

CHART

SCALE

1"=30

1 of 1

STREET ADDRESS

36 6073 AUGUSTINE AVE

a " Developer's Agreement shall conform to Howard County

more detailed information see approved plans

8 Existing topography was field run by Clark, Finefrock

7. The contractor or developer shall contact the

1. Subject property zoned R-12

5. All roads are public and existing.

corrected at the Developer's expense.

County Control Stations

4. Total Number of Lots: 1

\$ Sackett, Inc., 3-14-90

10. Minimum Lot Coverage: 30 %

and the SHC shall be 4" Iron.

SPECIAL NOTES

landscaping and utilities is permitted

approved plans F-84-212 15. See DPZ' Files F-84-212

9 Reference plat no: 6142

all public utilities.

DESIGNED DEVELOPMENT PLAN J.M.E. /J.L.S DRAWN ELECTION DISTRICT Nº 1 HECKED

DRAWING MOUNT AUGUSTINE ON BOL HOWARD COUNTY, MARYLAND J.M.E./J.L.S 90-043 For: Dave Committe FILE NO 14216 Wearing Willow Drive Wheaton, Maryland 200 April '90 90-043 X

5 DP-90-195