

SEEDING CONTROL NOTES

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (892-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, ditches, 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 seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding does 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 operation condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- 7) Site Analysis:
 - Total Area of Site: 0.66 acres
 - Area Disturbed: 0.42 acres
 - Area to be roofed or paved: 0.17 acres
 - Area to be vegetatively stabilized: 0.00 acres
 - Total Cut: 880 cu. yds.
 - Total Fill: 680 cu. yds.
- 8) Any sediment control practices which are disturbed by grading activity for 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.
- 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 12 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.

TEMPORARY SEEDING NOTES

A. SEEDBED PREPARATION - Loosen upper 3 inches of soil by digging, raking or other acceptable means, if NOT PREVIOUSLY LOOSENBED.

B. SOIL AMENDMENTS - Apply 800 lbs. (15 lbs./1000 sq.ft.) of 10-20-10 fertilizer.

C. SEEDING - For periods March 1 thru April 30, and from August 15 thru November 15, seed with 2 1/2 bushels per acre (3.2 pounds/1000 sq.ft. of annual ryegrass). For the period May 1 thru August 14 seed with 3 pounds per acre (3.07 lbs./1000 sq.ft.) with Healy's Clovergrass.

D. MULCHING - Apply 1.5 to 2 tons per acre (70 to 90 pounds per 1000 sq.ft.) of untreated small grass straw immediately after seeding. Anchor mulch immediately after application using 200 gallons per acre (5 gallons per 1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher use 348 gallons per acre (8 gallons per 1000 sq.ft.).

PERMANENT SEEDING NOTES

A. SEEDBED PREPARATION - Scarify or otherwise loosen upper 5 inches of soil. Seeds shall be broken up and the top three (3) inches of soil shall be worked into a satisfactory condition by raking, digging or other acceptable means before seeding, if NOT PREVIOUSLY LOOSENBED.

B. SOIL AMENDMENTS - Apply 3 tons per acre dolomitic limestone (138 lbs./1000 sq.ft.) and 800 lbs. per acre 6-20-20 fertilizer (14 lbs./1000 sq. ft.). Harrow or disc first and fertilizer into upper three inches of soil. A time of seeding equal 400 lbs. per acre (98.2 lbs./1000 sq.ft.) of 38-0-0 ureaformal fertilizer and 588 lbs. per acre (11.5 lbs./1000 sq.ft.) of 10-20-20 fertilizer.

C. SEEDING - Grass seed shall be certified seed only and should be delivered to the site with original state certification, or, in the case of a mixture, certified by the Maryland Department of Agriculture.

TURF GRASS MIXTURE
10 lbs./1000 sq. ft. or 200 lbs./acre

Common Name	# by Weight	Mn % Purity	Minimum % Germination
Tall Fescue (Rebel 73, Hound Dog, Falcon NJ-78 or Shannon K5-27)	80	98	90
Kentucky Blue Grass (Kentblue)	10	98	90

D. MULCHING - Apply 1-1/2 to 2 tons per acre (70 to 90 lbs./1000 sq.ft.) of untreated small grass straw immediately after seeding. Apply mulch immediately after seeding. Anchor mulch immediately after application using 3/8 gallons per acre (8 gallons/1000 sq.ft.) of emulsified asphalt.

E. MAINTENANCE - Inspect all seeded areas and make needed repairs, replacements, and reseeding.

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

DATE: 11-16-88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 10-24-88

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

DATE: 11-16-88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 10-24-88

9-1-88

DEVELOPERS/BUILDER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND THAT ALL RESPONSIBLE PERSONS 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 CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY.

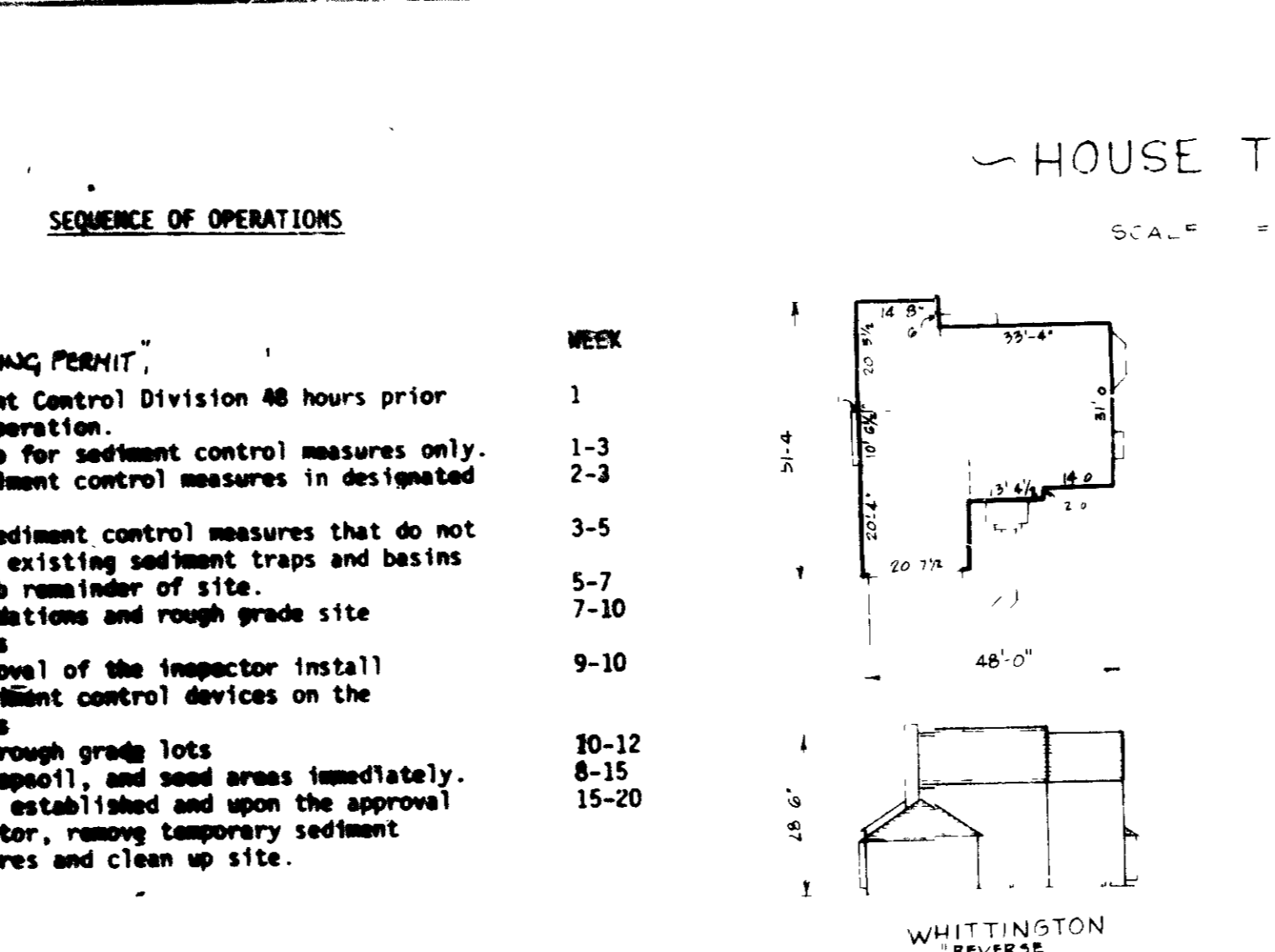
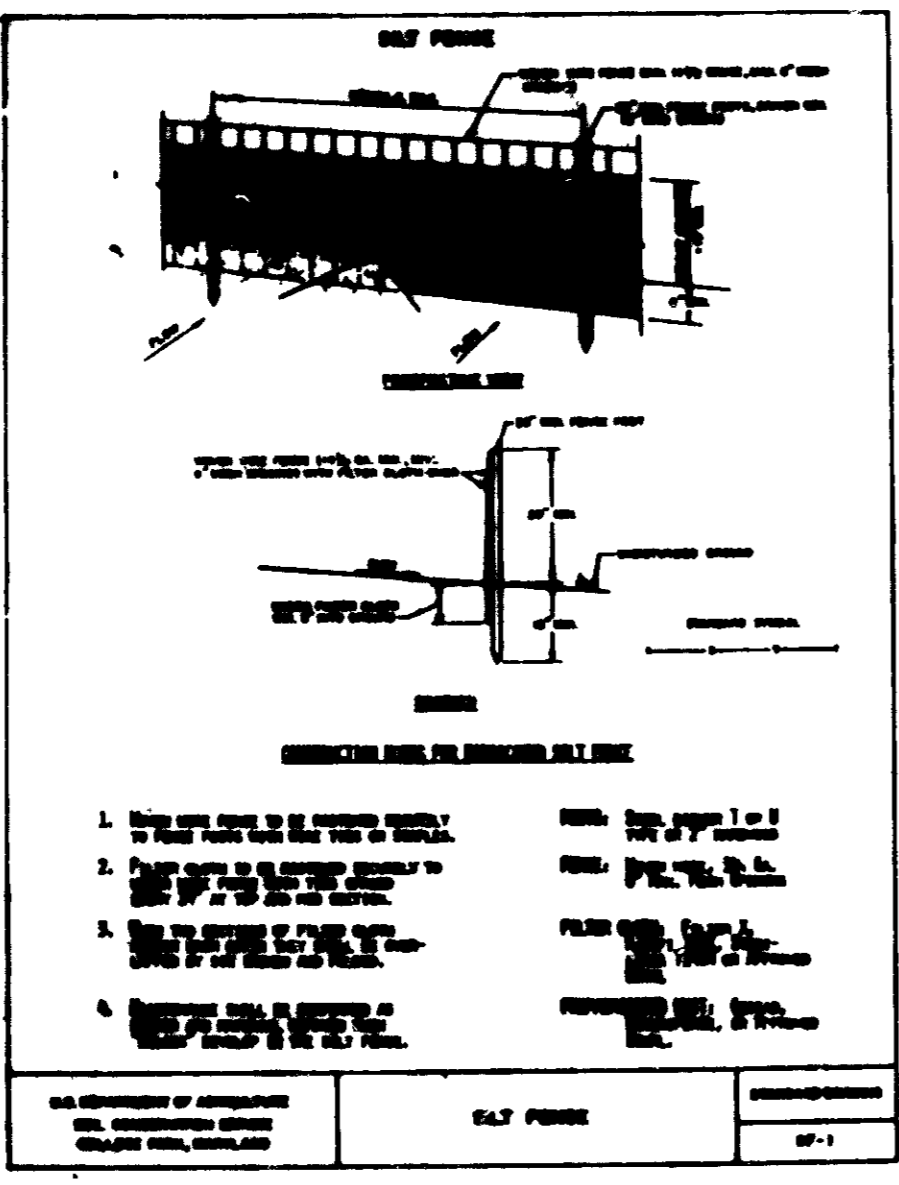
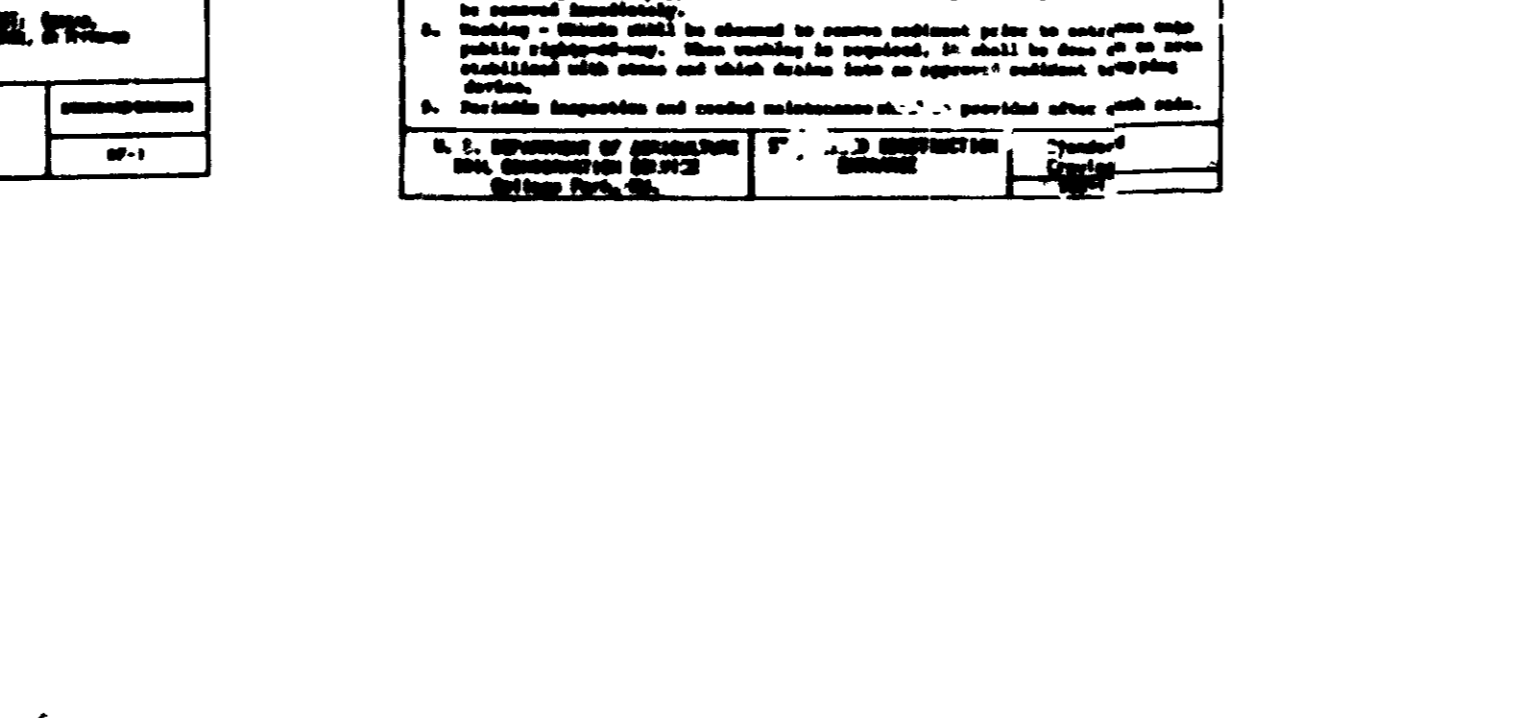
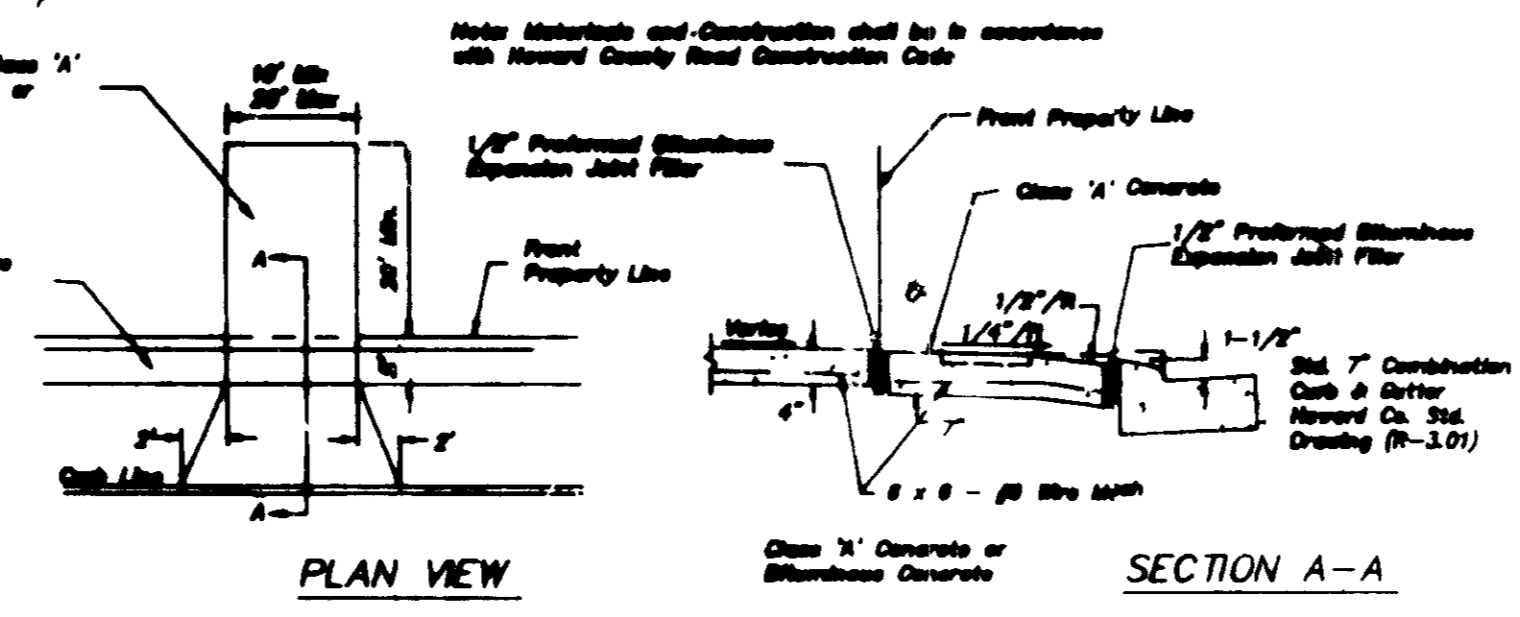
DATE: 9/20/88

ENGINEERS CERTIFICATE

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

DATE: 11/24/88

DRIVEWAY ABUTTING STD. 7" COMB. CURB & GUTTER



SEQUENCE OF OPERATIONS

WEEK	OPERATION
1	1. OBTAIN CONSTRUCTION PERMIT. Notify Sediment Control Division 48 hours prior to start of operation.
1-3	2. Clear and grub for sediment control measures only.
2-2	3. Grade for sediment control measures in designated areas.
3-5	4. Install all sediment control measures that do not conflict with existing sediment traps and basins.
5-7	5. Clear and grub remainder of site.
7-10	6. Excavate foundations and rough grade site including lots.
9-10	7. With the approval of the inspector install remaining sediment control devices on the remaining lots.
10-12	8. Excavate and rough grade lots.
8-15	9. Final grade, topsoil, and seed areas immediately.
15-20	10. After turf is established and upon the approval of the inspector, remove temporary sediment control measures and clean up site.

HOUSE TYPES

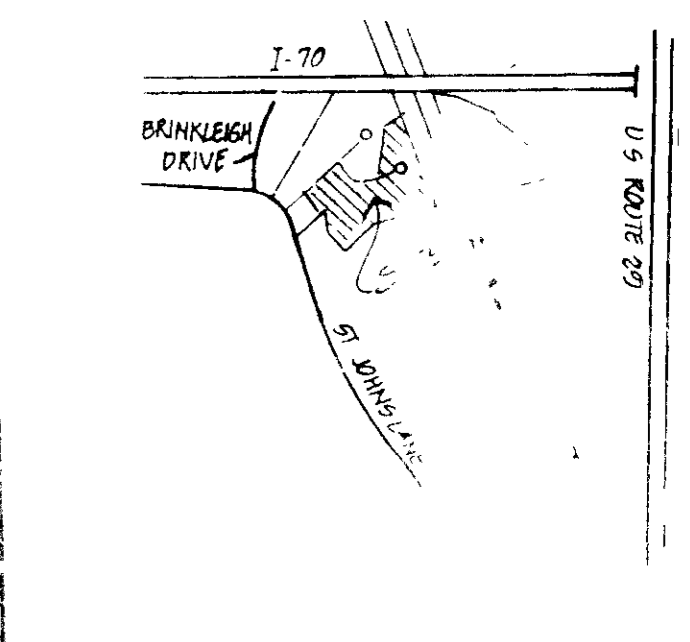
SCALE = 30'

WHITTINGTON REVERSE

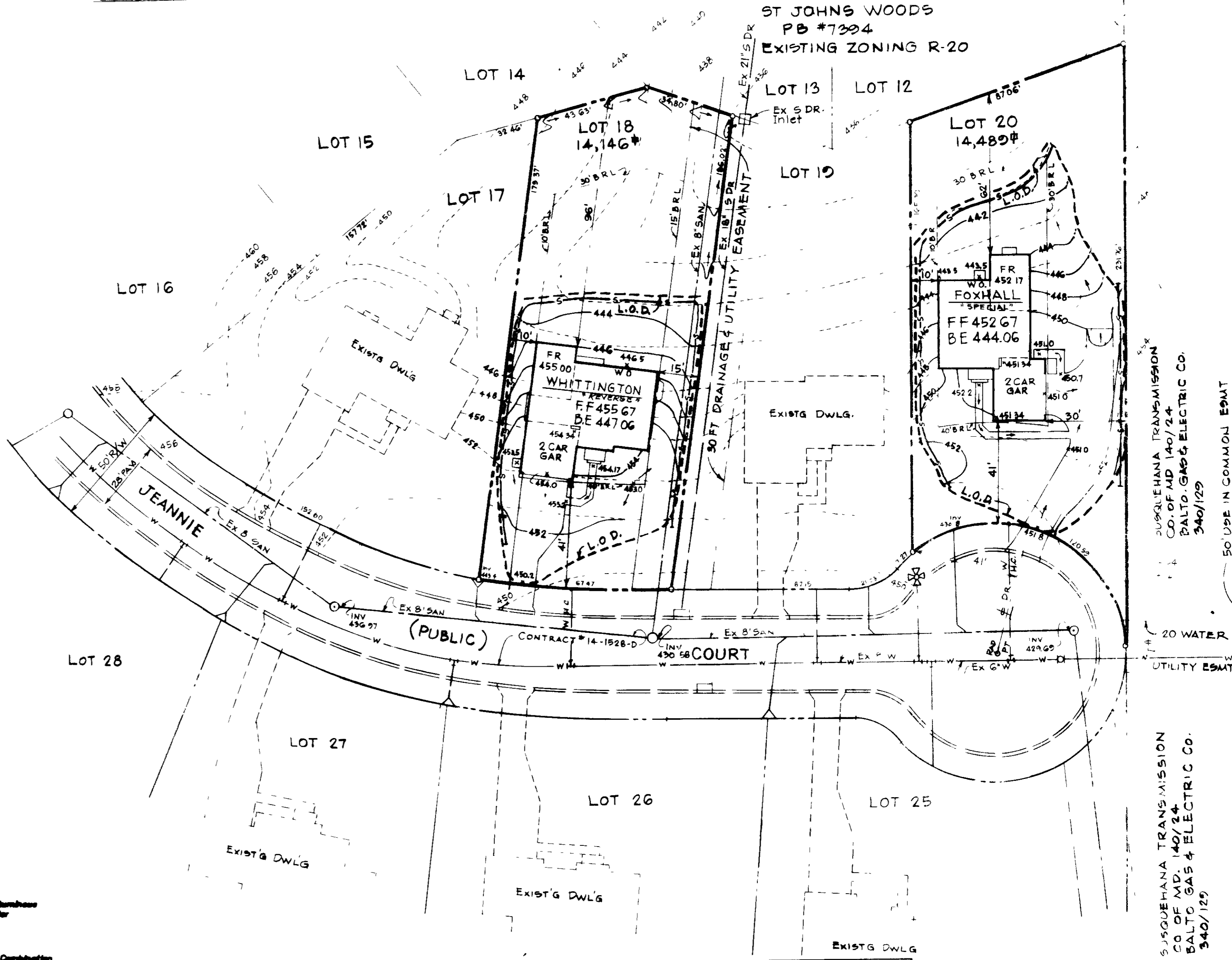
FOXHALL SPECIAL

GENERAL NOTES

1. STORM WATER MANAGEMENT UNDER F 86-144
 - 1A THE LAND INCLUDED IS ZONED R-20
 - 2 COORDINATES SHOWN ARE EXTENSIONS MADE FROM THE MARYLAND STATE PLANE COORDINATE SYSTEM. BEARINGS REFER TO THE TRUE NORTH AND ARE BASED ON HOWARD COUNTY GEODETIC SURVEY
 - 3) THE AREA COVERED IN THIS SUBMISSION IS LOCATED ON TAX MAP
 - 4) THE TOTAL AREA ON THIS PLAN IS 28,635 SQ. FT. (0.66 AC)
 - 5) ALL ROADS ARE PUBLIC AND EXISTING
 - 6) ANY DAMAGE TO COUNTY OWNED RIGHT-OF-WAYS SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 - 7) TOTAL NUMBER OF LOTS IN THIS SUBMISSION ARE 2
 - 8) STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS BY THE DEVELOPER
 - 9) PREVIOUS RELATED PLAN FILE REFERENCES AS FOLLOWS:
V.P. 85-88, V.P. 80-01, 5 85-25, 364.06, P. 85 34
FINAL 86 144, ROAD PLAN # 7335 & 3 D.P. 88-158
- REQUEST DISPOSITION DATE AND DISPOSITION REC # FOR V.P. 80-01
APPROVED DATE AUG 14, 1979 SECTION 16.10B
- REQUEST DISPOSITION DATE AND DISPOSITION REC # FOR V.P. 85-88
APPROVED DATE MARCH 21, 1985 SECTION 16.115B, 2 AND 16.115C.1



VICINITY MAP
SCALE 1" = 200'



ADDRESS CHART

LOT NUMBER	STREET ADDRESS
LOT 18	2815 JEANNIE COURT
LOT 20	2825 JEANNIE COURT

LAND DESIGN ASSOCIATES

718 HIGHWOOD DRIVE BALTIMORE, MD 21212	301/323-0805
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ST. JOHN'S WOODS

PLAT # OR L.P. BLOCK #	SECTION #	TAX/ZONE MAP	BLK. #	LOT #
7394	16	R20	7	240

SITE DEVELOPMENT & SEDIMENT CONTROL PLAN

SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: GRAYSON HOMES, INC.
9025 CHEVROLET DRIVE
ELLCOTT CITY, MD 21043

DESIGNED P&S
DRAWN P&S
CHECKED PLW

SCALE 1/4" = 30'
SHEET 1 of 1
DATE 9/21/88

SDP-89-26