

EXISTING SEDIMENT TRAP #1 DESIGN DATA

DRAINAGE AREA = 1.9 ACRES
DISTURBED AREA = 1.9 ACRES
VOLUME REQ'D = 1.9 x 67 = 127.3 CY
VOLUME AVAILABLE = 130 CY
TOP BEIR ELEVATION = 345.0
WEIR ELEV. 346.5, WIDTH = 3'
STORAGE ELEV. 345.5
BOTTOM ELEV. 342.0
SIZE AT BOTTOM = 10' x 52'

TEMPORARY SEDIMENT NOTES

1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting prior to the start of any construction. (992-1637)

2) All sediment and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND S16 DESIGN AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

3) Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 72 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) and (Sec. 56), temporary seedings (Sec. 50) and mulching (Sec. 52). Temporary stabilization with such plants 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: 0.6 Acres
Area Disturbed: 0.6 Acres
Area to be roofed or paved: 0.2 Acres
Area to be vegetatively stabilized: 0.4 Acres
Total Cu: 2400 Cu. Yds
On-site storage/borrow area location: NONE

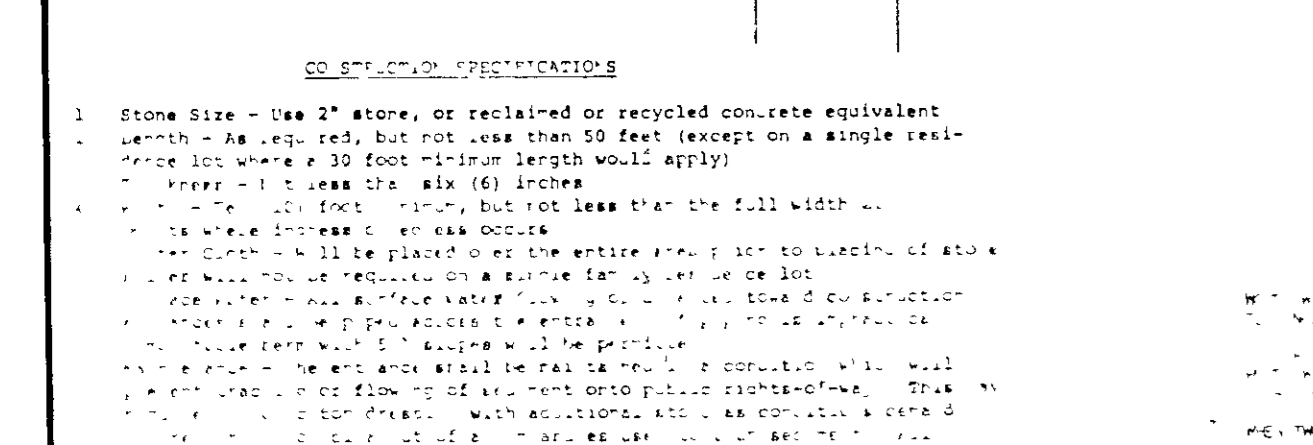
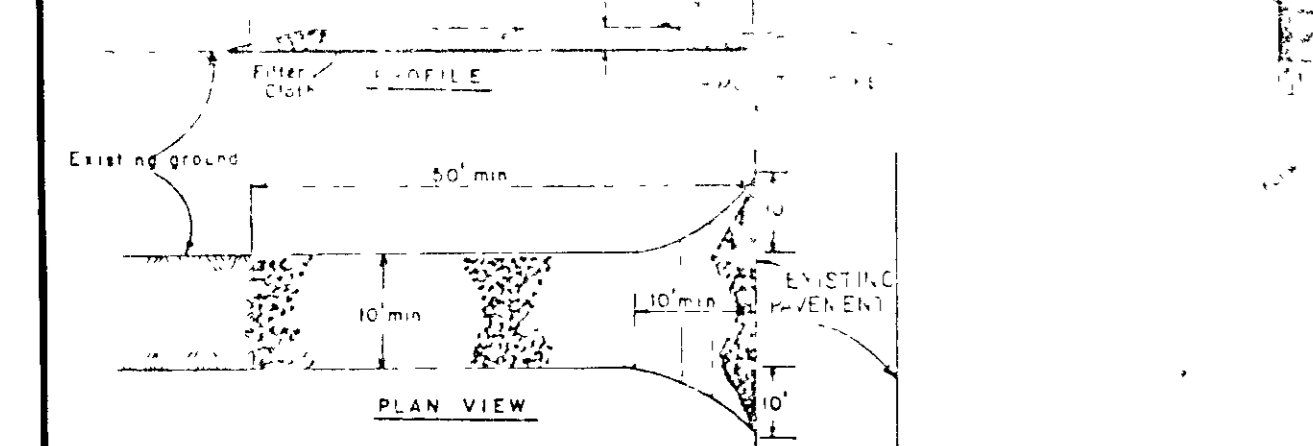
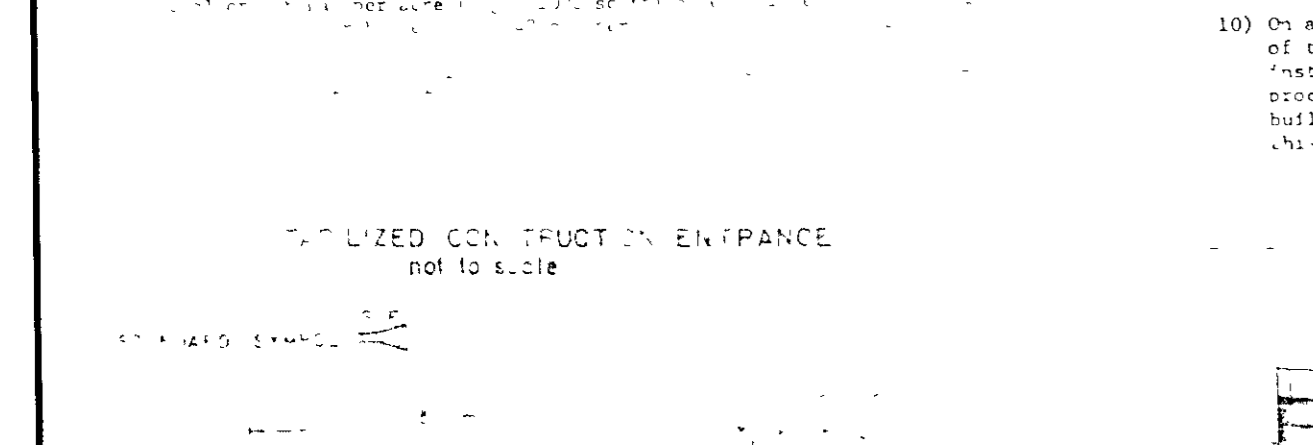
8) Any sediment control practice which is disturbed by grading activities for placement of utilities must be repaired on the same day of disturbance.

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 controls, but before proceeding with any other earth disturbance or grading. Other builders or grading inspection agencies may not be authorized until initial approval by the inspection agency is made.

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- CLEAR AND GRUB AREAS FOR SEDIMENT CONTROL FACILITIES ONLY
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES SILT FENCE AND EARTH DIKE.
- GRADE LOTS.
- CONSTRUCT DWELLINGS AND APPURTENANCES AND SEED YARDS.
- AFTER GRASS IS ESTABLISHED ON LOTS 231, 232 AND 233 AND WITH PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR ALL SEDIMENT CONTROL FACILITIES MAY BE REMOVED.

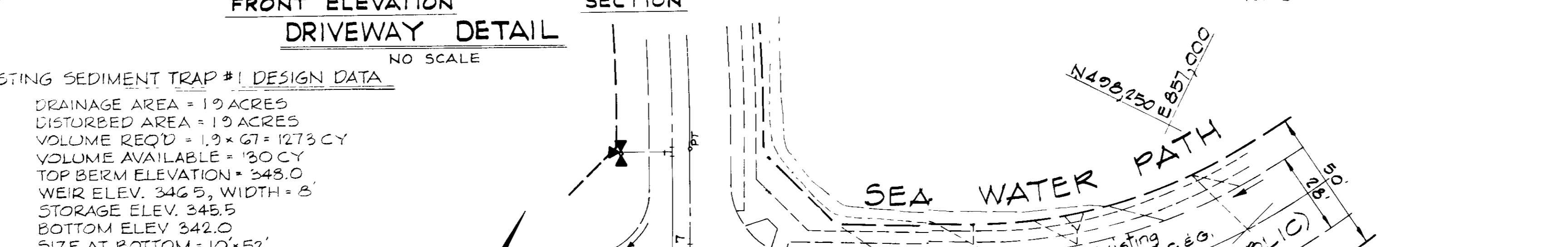
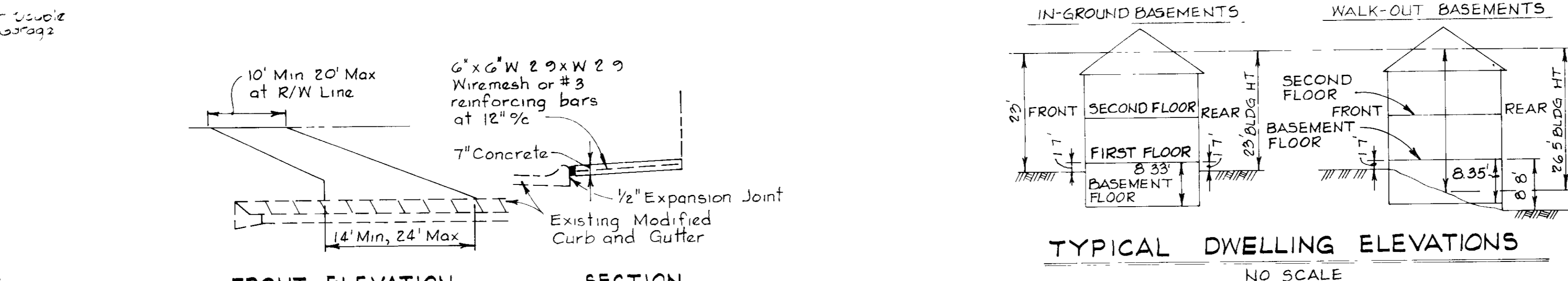


WHITMAN REARDY AND ASSOCIATES ENGINEERS
2315 SAINT PAUL STREET
BALTIMORE MARYLAND 21218

MARK BUILDING COMMUNITIES INC. OWNER AND DEVELOPER
P O BOX 1272
COLUMBIA MARYLAND 21044

BY THE ENGINEER:
"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"

Kenneth A. Wood 8-30-88 DATE



LEGEND

- 342--- Proposed Contour (2' Interval)
- 342--- Existing Contour (2' Interval)
- (A) or (B) Building Type
- Lot Number
- R/W Retaining Wall
- HR Handicap Ramp
- Concrete Walk (Existing)
- Fire Hydrant
- Light Fixture
- Trees to Remain
- Proposed Street Trees

GENERAL NOTES

- RECORDING REFERENCE FOR LOTS 231 THRU 233 IS PLAT B131
- WATER AND SEWER FACILITIES ARE TO BE PROVIDED (PUBLICLY OWNED)
- MINIMUM SETBACK FROM THE PUBLIC STREET SHALL BE 20' UNLESS OTHERWISE APPROVED BY THE HOWARD COUNTY PLANNING BOARD.
- STORMWATER MANAGEMENT FOR THESE LOTS HAS BEEN WAIVED UNDER F-88-78
- GARAGES SHALL BE USED FOR PARKING PURPOSES ONLY IN ACCORDANCE WITH SECTION 127-B 2 b (18) OF THE HOWARD COUNTY ZONING REGULATIONS
- REFERENCE SKETCH PLAN 87-39, PRELIMINARY PLAN 87-60, FINAL PLAN 88-78 AND FINAL PLAN 88-272

ADDRESS CHART

LOT	STREET ADDRESS
231	8404 Sea Water Path
232	8400 Sea Water Path
233	8423 Tamar Drive

BUILDING COVERAGE

LOT NO	LOT AREA SF	HOUSE AREA SF	PLAT COVERAGE
231	9778	1730	17.7
232	7083	1810	25.6
233	7062	1480	21.0

* INCLUDES GARAGES - SEE ARCHITECTURAL PLANS FOR DETAILS.

ELEVATIONS SEWER H.C.

LOT NO	INVERT	LOT NO	INVERT
231	336.05		
232	354.34		
233	336.91		

NOTES

- PUBLIC WATER AND SEWER MAINS WERE CONSTRUCTED UNDER CONTRACT NO 24-1738-D
- PUBLIC ROAD WAS CONSTRUCTED FROM ROAD CONSTRUCTION DRAWINGS F-88-78

BY THE DEVELOPER

"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 NATURAL RESOURCES 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"

Stephen L. Smith 10/3/88 DATE
HOWARD S.C.D.

BY THE ENGINEER:
"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"

Stephen L. Smith 10/3/88 DATE
HOWARD S.C.D.

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

James M. ... 10-14-88 DATE
COUNTY HEALTH OFFICER

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

James M. ... 10-16-88 DATE
DIRECTOR

James M. ... 10-16-88 DATE
CHIEF, BUREAU OF ENGINEERING

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Arb... 10-20-88 DATE
PLANNING DIRECTOR

James M. ... 10-14-88 DATE
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

NOTES

- PUBLIC WATER AND SEWER MAINS WERE CONSTRUCTED UNDER CONTRACT NO 24-1738-D
- PUBLIC ROAD WAS CONSTRUCTED FROM ROAD CONSTRUCTION DRAWINGS F-88-78

SUBDIVISION NAME: VILLAGE OF LONGREACH

PLAT #	BLOCK #	ZONE	TAX/ZONE MAP	ELEC DIST	CENSUS
B131	B+14	N T S F M D	37	6	6065 02

WATER CODE: E07
SEWER CODE: 3460000

COLUMBIA - SITE DEVELOPMENT PLANS - FOR VILLAGE OF LONGREACH SECTION 2 AREA 1 LOTS 231 THRU 233 (SINGLE FAMILY DETACHED DWELLINGS)

SHEET 1 OF 1

ELECTION DISTRICT NO 6
HOWARD COUNTY MARYLAND

TAX MAP 37
DATE 8/30/88

SCALE AS SHOWN

9-22-88

5DP-89-49