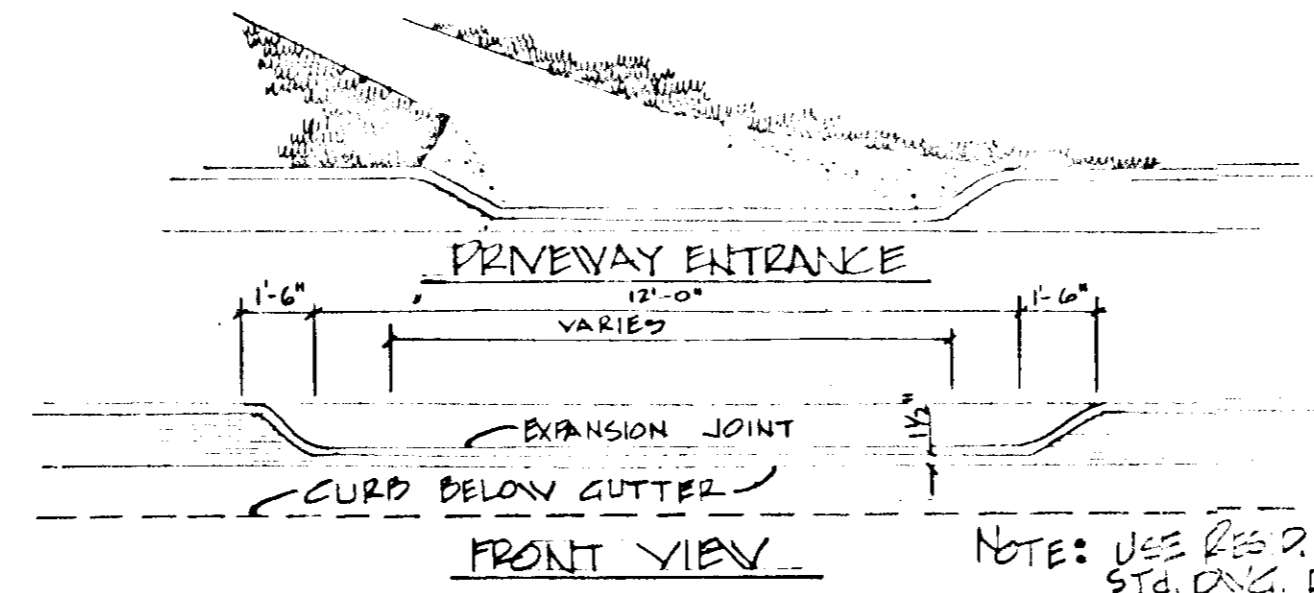
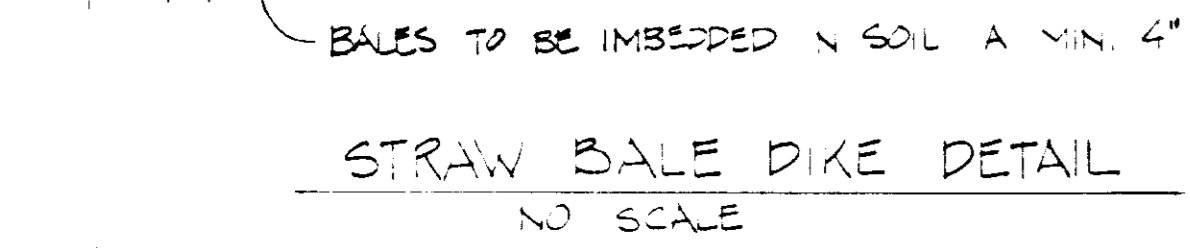
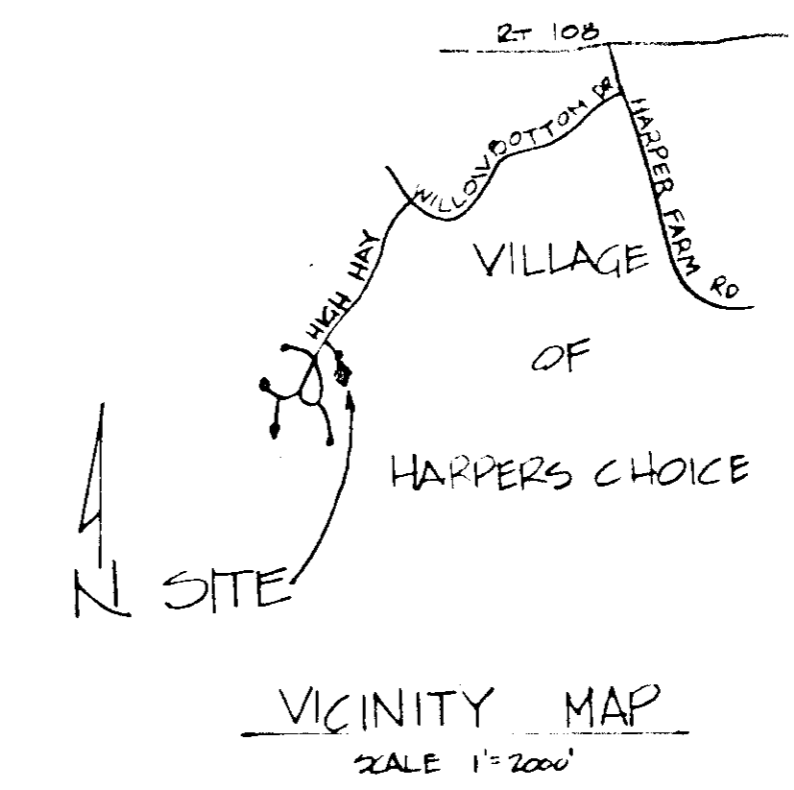


- NOTE: 1. BALES SHALL BE PLACED IN A ROW WITH ENDS
TIGHTLY BUTTED.
2. EACH BALE SHALL BE IMBEDDED IN SOIL A
MIN. 4".
3. SECURELY ANCHOR BALES IN PLACE W. WOOD STAKES
OR REBAR'S DRIVEN THROUGH BALES. THE FIRST
STAKE IN EACH BALE SHALL BE ANGLED TOWARD
PREVIOUSLY LAID BALE SO AS TO FORCE BALES
TOGETHER.
4. INSPECT DIKE PERIODICALLY FOR DAMAGE AND
REPLACE BALES AS NEEDED.



NOTE: USE REG. 2. DRIVEWAY ENTRANCE HOW. COUNTY
STD. D.C. D. 34 P. 89 EXCEPT WHERE DRIVEWAY
ABUTS MODIFIED COMP. CURB & GUTTER.



GENERAL NOTES

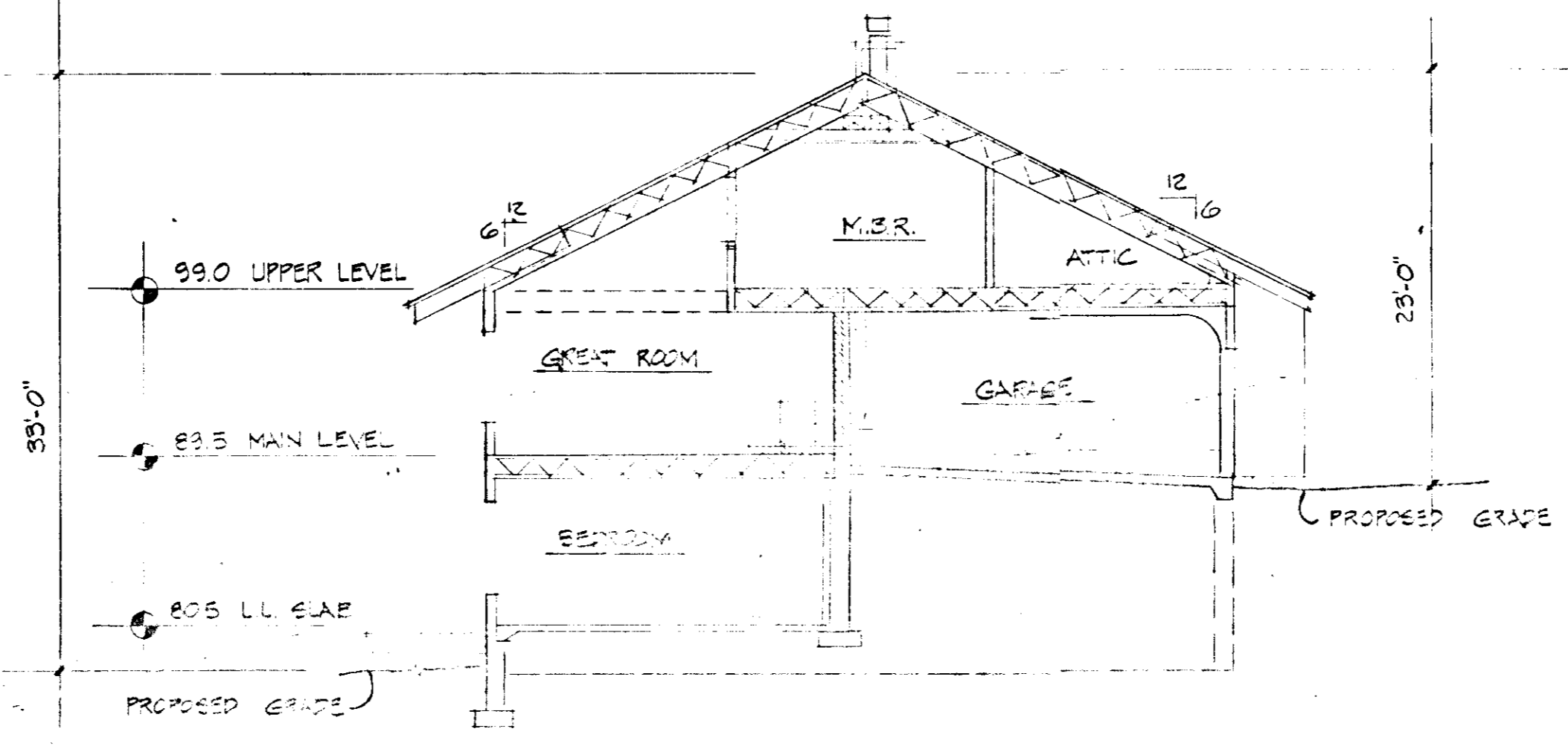
- Grading Permits shall be obtained prior to installation of sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site.
- Notify the Bureau of Inspections and Permits at least 24 hours before starting any work.
- All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions.
- Stabilization of Disturbed Ground to be done as soon after construction as possible.
- All Grading shall be treated in accordance with the following Specifications:
 - Seed - certified 85 germination applied at the rate of 3 lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, and 20% Annual Rye.
 - Fertilizer - 10-10-10 applied at the rate of 90 lbs/1000 sq. ft. Ground Agricultural Lime or Dolomitic Lime applied at the rate of 90 lbs/1000 sf.
 - Mulch - Weed-free grain straw applied at the rate of 70 lbs/1000 sf. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, ~~5 GAL. PER 1000 SF.~~
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On Site Inspection and Maintenance of all Sediment Control Measures including clean out of sediment traps and dikes, and proper establishment of all planned vegetative measures shall be the responsibility of the Developer or his representative on the site, on a continuing day to day basis.
- Protection of Stabilized Areas from sediment runoff shall be provided by the use of an approved Sediment Control Device.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving a construction site.
- Stabilized Disturbed Entrances shall be placed at all construction entrances.
- Site Analysis:

a. Total Area	23,000 SF
b. Area to be Graded	1,200 SF
c. Area to be Seeded	2,200 SF
d. Area to be Mulched	4,000 SF
e. Area to be Disturbed	15,600 SF
- Construction Sequence:
 - Install Sediment and Erosion Control Devices and Stabilize.
 - Excavation for Foundations and Pouch Grading.
 - Erect Structures, Driveways, and Lay Water and Sewer House Connections.
 - Final Grade and Stabilize in Accordance.

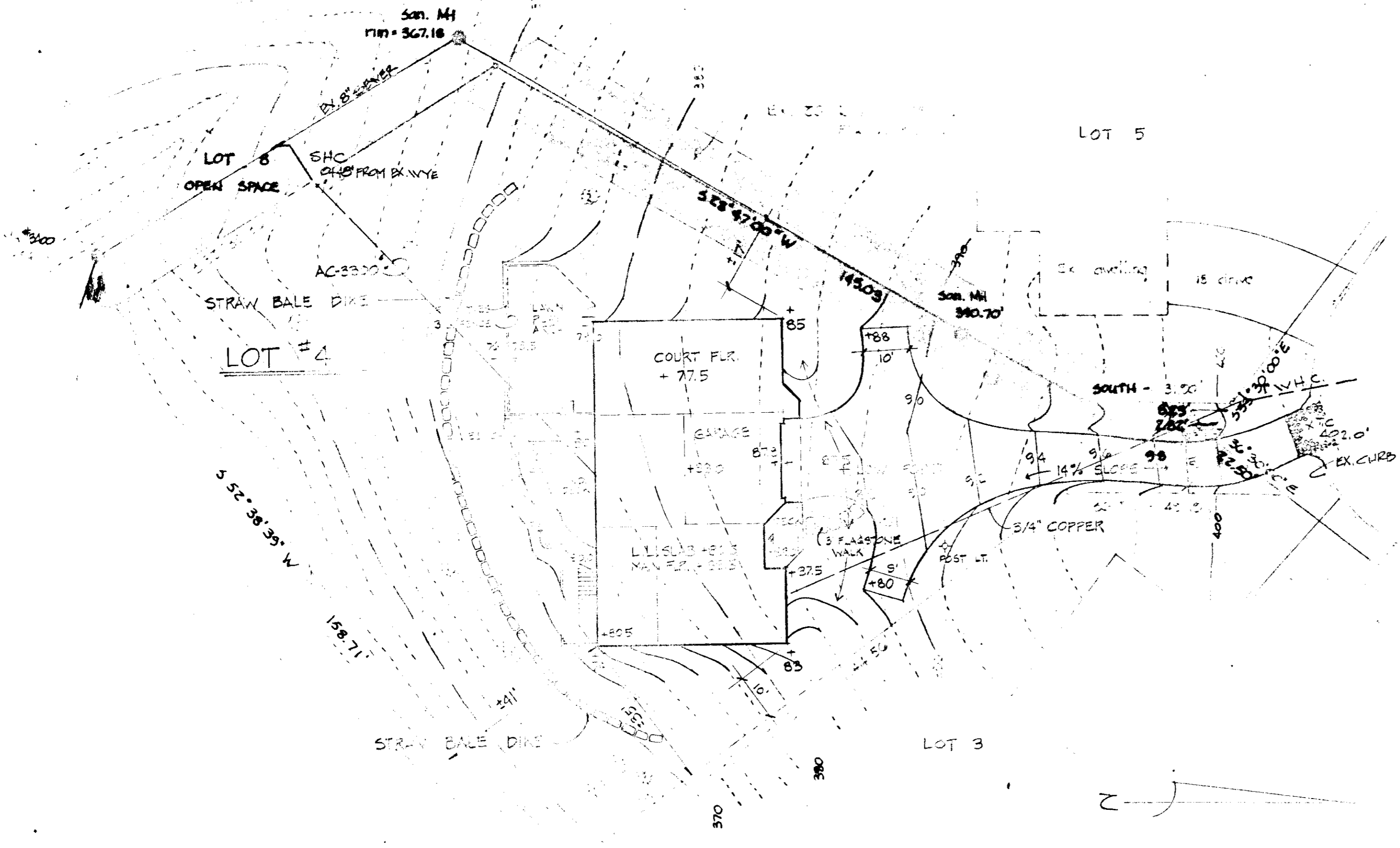
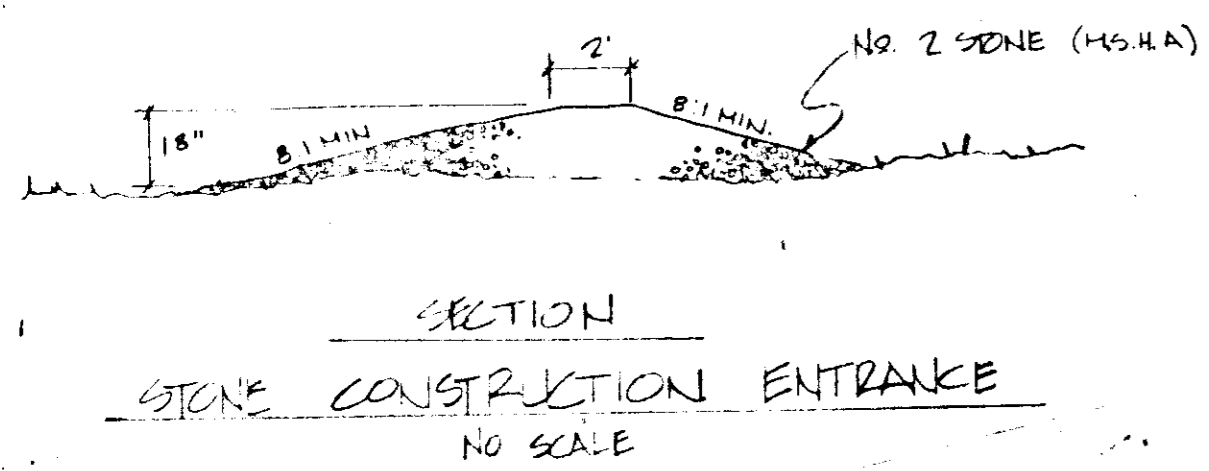
NOTES

- THE LAND SHOWN IN THIS AREA IS ZONED RCV TOWN (S.D.)
- LOT SHOWN ON FINAL DEVELOPMENT PLAN
- AREA INCLUDED IN PLAN IS 20,950 SF
- LOT 4 IS DECODED IN PLAN 5076
- 5 EX 4 PROPOSED SHC AC-3300
- 6 EX 4 PROPOSED WATER HOUSE CONNECTION IS 3/4" COPPER
- 7 NO BUILDING SETBACKS IN THIS AREA
- 8 EX 4 BEYOND MAIN IS 20' FROM 100'
- 9 THE MAP FOR FEEL 30'
- 10 THE DISTRICTS CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY

1. EXISTING CONTOUR	2 FE
2. EXISTING CONTOUR	3 FE
3. EXISTING CONTOUR	4 FE
4. EXISTING CONTOUR	5 FE
5. EXISTING CONTOUR	6 FE
6. EXISTING CONTOUR	7 FE
7. EXISTING CONTOUR	8 FE



SECTION
SCALE 1/4" = 1'-0"



PLAN
SCALE 1" = 20'

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 8-21-81
S.P.D.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Count Health Officer 9-10-81 Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Planning Director 9-15-81 Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Director 9-15-81 Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Director 9-15-81 Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Chief Bureau of Engineering 9-18-81 Date

CERTIFICATION BY DEVELOPER
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION SHALL BE DONE ACCORDING TO THESE PLANS OF DEVELOPMENT AND THAT ANY RESPONSIBLE PERSON INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR EROSION CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
James M. Klemper 9-3-81
SIGNATURE U.S. Soil Conservation Service Date

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
William T. Vance 9-3-81
SIGNATURE HOWARD S.C.D. Date

CERTIFICATION 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."
Robert L. Kaylor 2 SEP. 81
ENGINEER (ARCHITECT) Date

OWNER: HOWARD RESEARCH & DEVELOPMENT CORP
COLUMBIA, MD. 21044

DEVELOPER: JOHN WATSON BUILDERS INC
5821 SANDWATER ROAD, CRANFORD, MD

PROJECT: LOT 4 ELFSTONE WAY

AREA: COLUMBIA, MD
VILLAGE OF HARPERS CHOICE SEC 7 ZONING DISTRICT HOWARD COUNTY, MD

TITLE: SITE DEVELOPMENT PLAN

DATE: 30 JULY 81 SCALE: 1" = 20'-0" DRAWING NO.: 1 OF 1

ARCHITECT: ROBERT KAYLOR & ASSOCIATES
1000 W. BROADWAY
COLUMBIA, MD 21044

