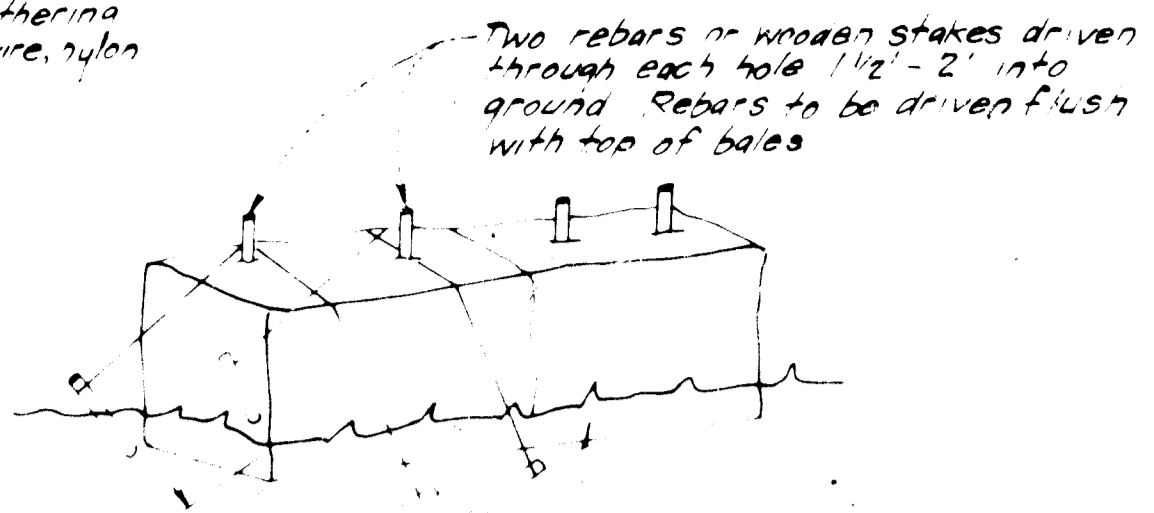


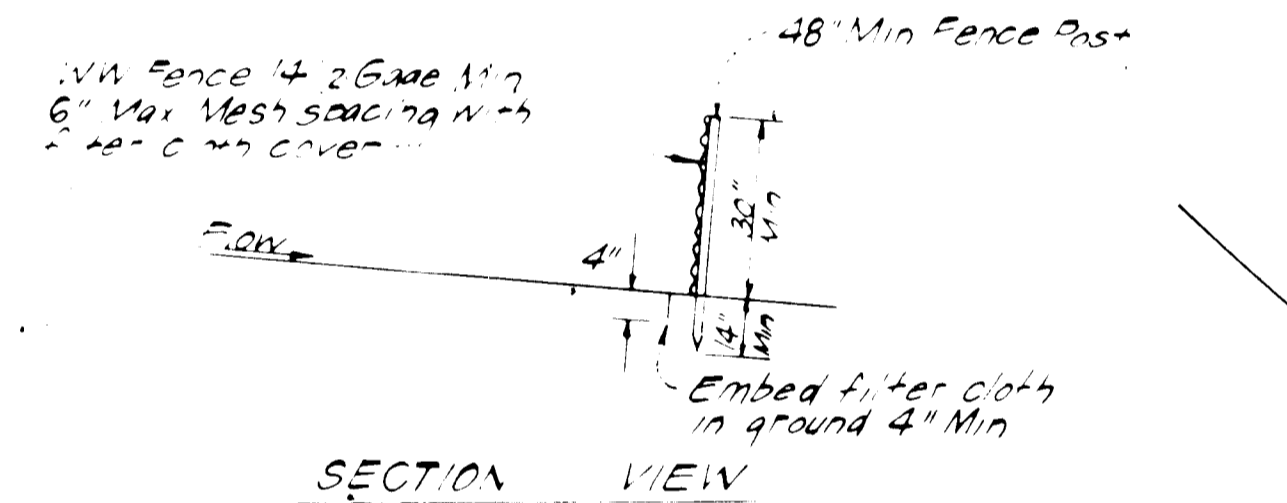
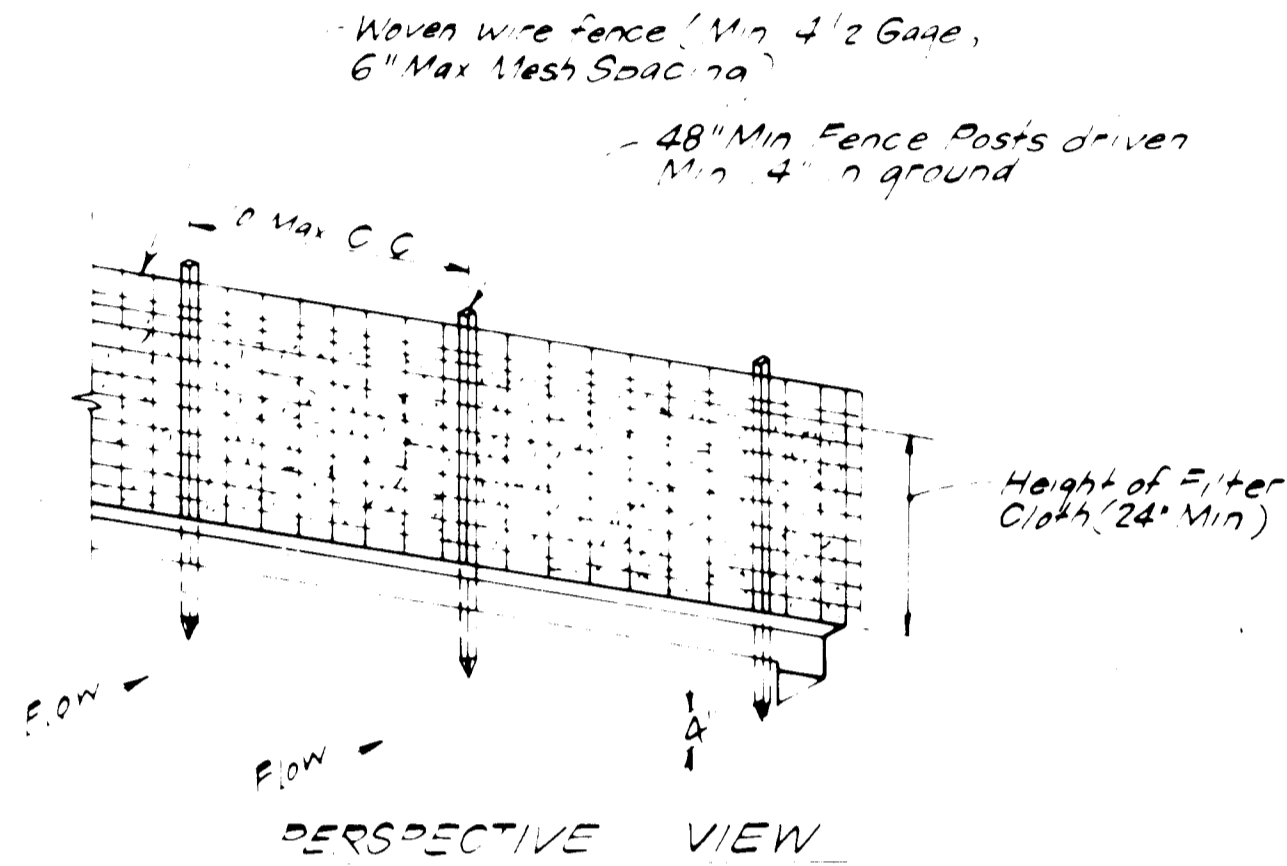
Notes: 1. Bales shall be tied with non-weathering materials, e.g. wire, nylon



Excavated & rework ground before placing bales

Note: 2. Use of rebar-stakes each straw bale may be fastened to ground in pairs & per bale and wire or nylon as shown above.

STRAW BALE DIKE DETAIL (S.B.D.)
NO SCALE



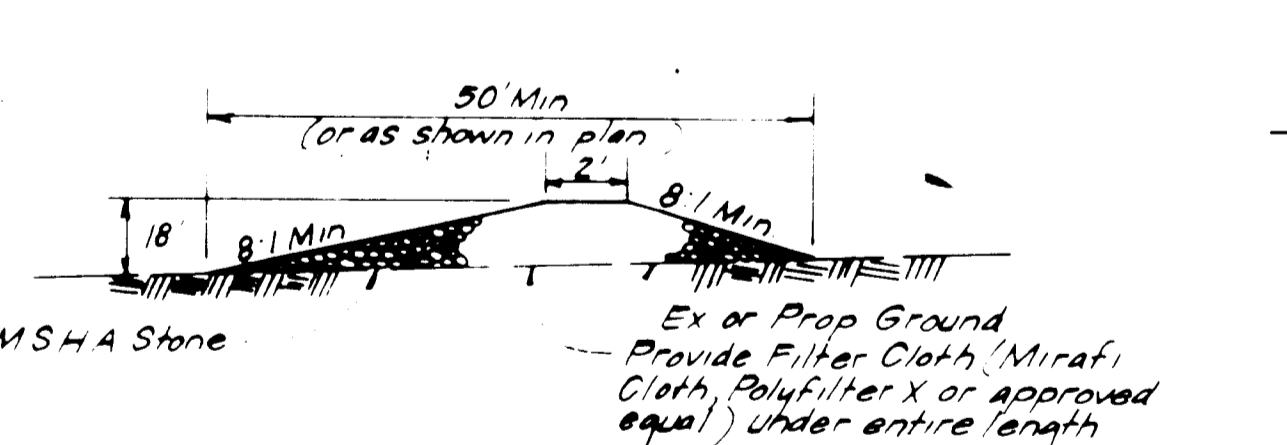
CONSTRUCTION NOTES:
1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to woven wire fence with wire ties spaced every 24\"/>

PASTES: Steel rather than L-type or 2\"/>

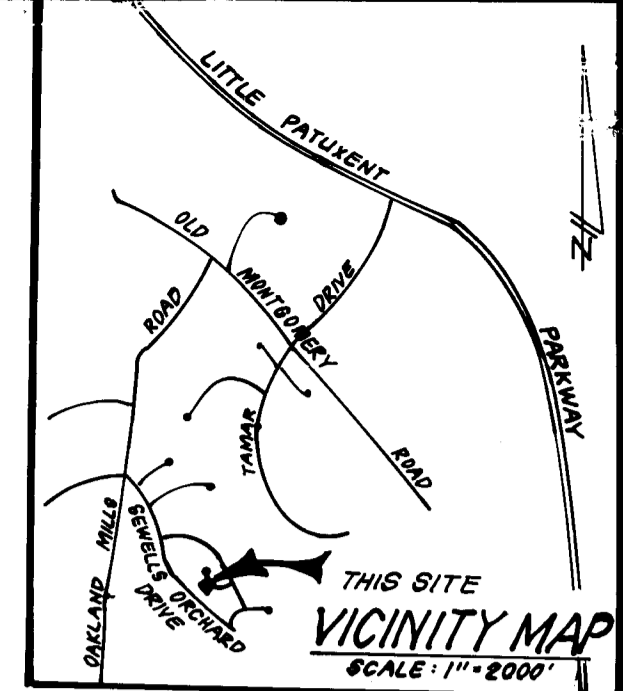
FENCE: Woven wire, 4 1/2 Ga, Max 6\"/>

FILTER CLOTH: Filter X, Mirafi 100X, Laurel Erosion Control Cloth, Bidim, PolyFilter X or equal.

SILT FENCE DETAIL (S.F.)
NO SCALE



STONE CONSTRUCTION ENTRANCE (S.C.E.)
NO SCALE

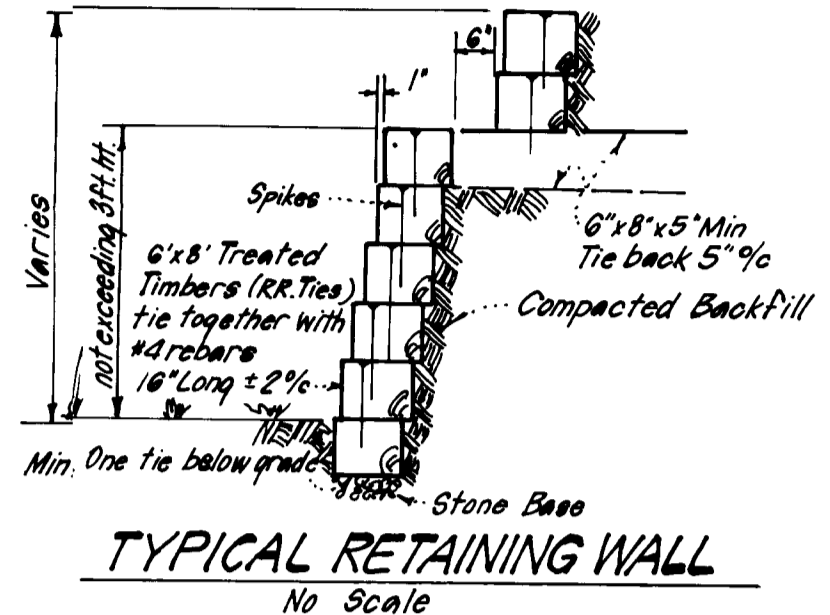


GENERAL NOTES:

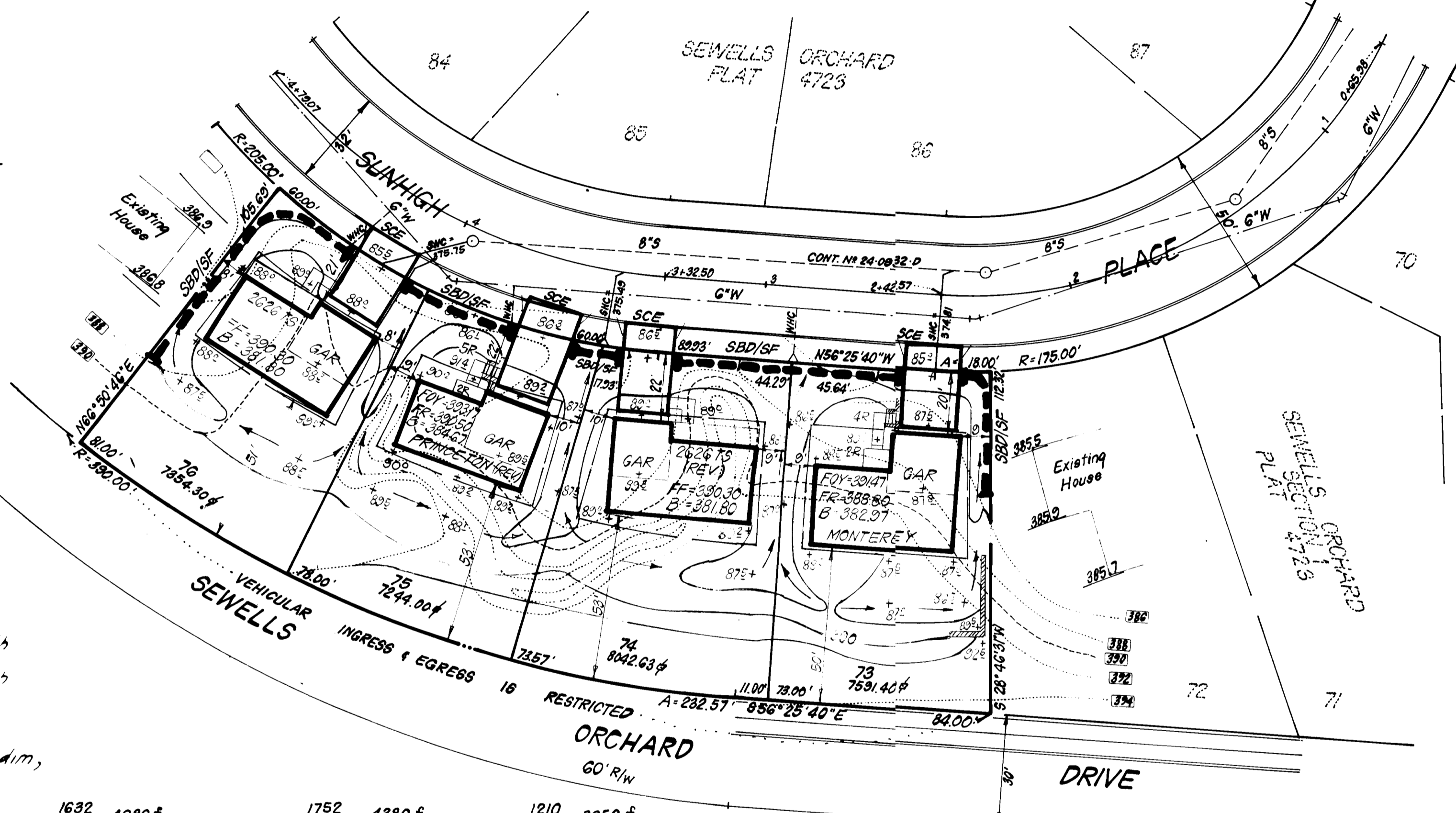
- The land included in this plan is zoned RSC, per 10-3-77 Comprehensive Zoning Plan.
- All coordinates are based on Howard County Control Station "Sewell".
- The area covered in this submission is located on Tax Map No. 26, Parcel 247.
- The total area included in this plan is 0.964 Acres.
- All roadways are public and existing.
- Any damage to county owned rights of way shall be corrected at the developer's expense.
- Total number of Lots: 4.

LEGEND:

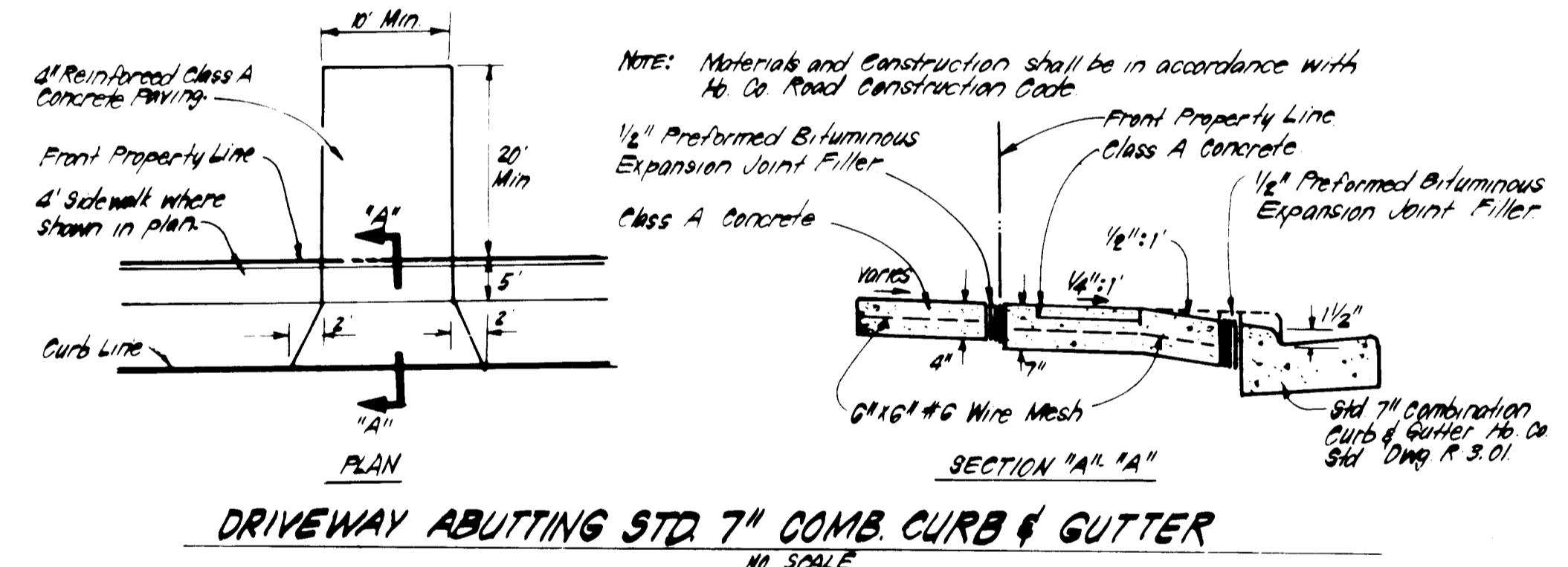
- Contour Interval: 2 Ft
- Existing Contour: 300
- Proposed Contour: +30 E
- Spot Elevation: 391.5
- Direction of Drainage: SBD/SF
- Existing Spot Elevation: SCE
- Straw Bale Dike/Silt Fence
- Stone Construction Entrance



TYPICAL RETAINING WALL
NO SCALE



- 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. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 SF.
- 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 disturbed areas to be stabilized in accordance with the following Specifications:
A 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
B Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 SF Ground Agricultural Lime or Dolomitic Lime applied at a rate of 30 lbs/1000 SF
C Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 SF. Mulch shall be secured to the ground by any approved method i.e.; asphalt tacks, chemical binder etc.
D All Sod used shall be Maryland State Certified.
- 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 will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
- It will be the developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.
- All pipes to be blocked at the end of each day. See detail this sheet N.A.
- Total Amount of Straw Bales or Silt Fence shown: 260 LF
- SITE ANALYSIS:**
A. Total Area: 0.964 Acres
B. Area to be Roofed: 0.144 Acres
C. Area to be Paved: 0.044 Acres
D. Area to be Seeded: 0.390 Acres
E. Area Undisturbed: 0.116 Acres
- CONSTRUCTION SEQUENCE:**
A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dike
B. Excavate for Foundations and Rough Grade
C. Construct Structures, Driveways and Sidewalks
D. Final Grade and Stabilize in accordance with note #6
- If houses are to be constructed on an "As-Built" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.



DEVELOPER'S/BUILDER'S CERTIFICATE

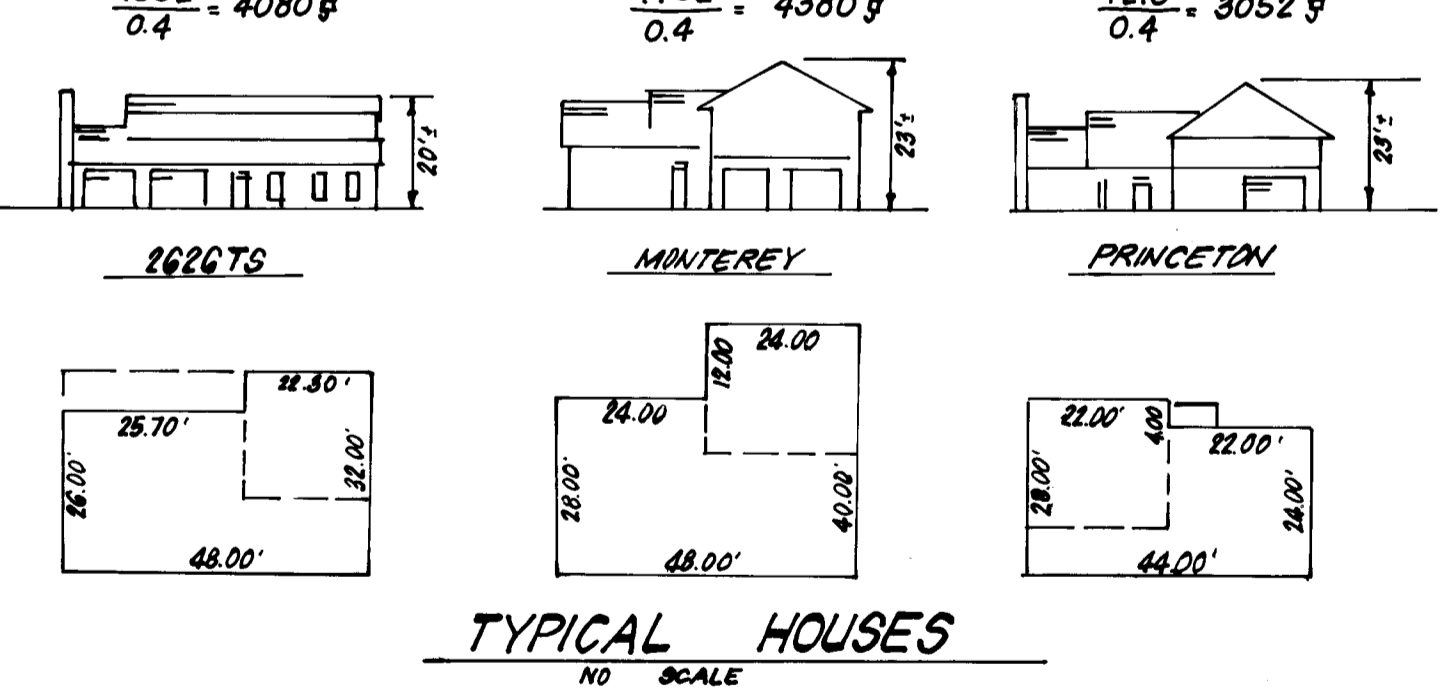
"I/we certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training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

Christopher Stubbs
DATE: 5-3-84
Signature of Developer/Builder: CHRISTOPHER STUBBS

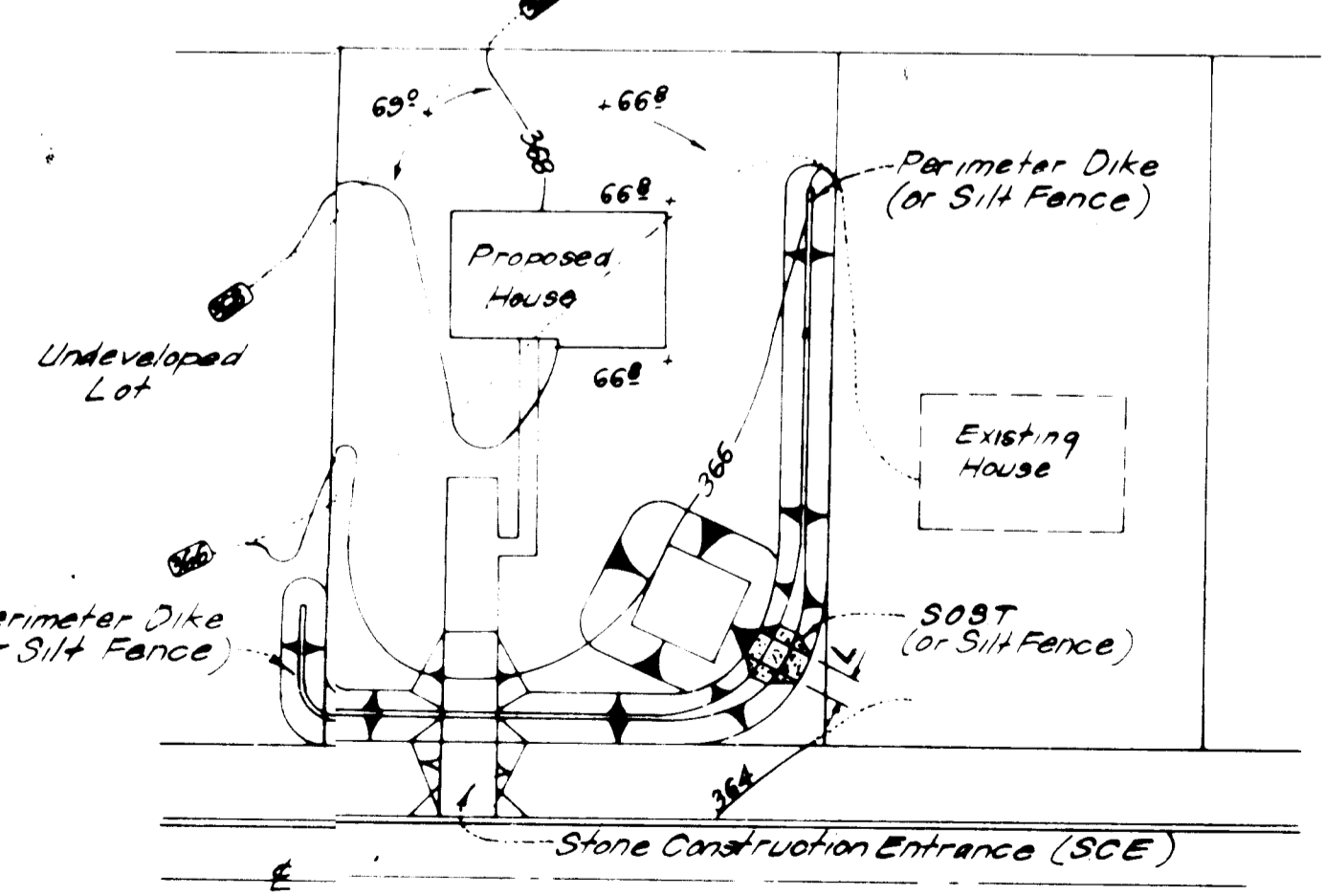
LOT NO.	STREET ADDRESS
73	6321 Sunhigh Place
74	6325 "
75	6329 "
76	6333 "

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
SEWELLS ORCHARD	1	73 THRU 76
PLAT # OF S.F. BLOCK # BORE	TAX MAP #	ELEC DIST. TOGENBUS TR
4723	16	RSC +30 6TH 6065.02

WATER CODE	SEWER CODE
EQ4	5333600



TYPICAL HOUSES
NO SCALE



SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE

S.O.S.T. *

Lot Size	1/4 Ac	1/2 Ac	1 Ac
L	2'	3'	6'
Depth	2'	2'	2'
Bot Length **	11'	26'	26'
Bot Width **	11'	11'	26'
Bot Area	121	286	676

* See SH-57-3, pg 20-07 for detail, not shown
** Can be adjusted in field but bottom area must be as given or greater

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

James Pappas 6-20-84
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
Thomas J. Harman 6-21-84
PLANNING DIRECTOR DATE

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

John F. Neuman 6-18-84
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING
John F. Neuman 6-18-84
DATE

APPROVED FOR ZONING AND PLANNING
HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
DATE: 6-4-84

ENGINEER'S CERTIFICATE

I hereby 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.

Prepared for: **HOWARD** S.C.D.
Name: *Howard*
and meets Technical Requirements
Christopher Stubbs 6-11-84
Signature Date
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Stephen J. Clark 6/11/84
Approved Date
G. Nelson Clark 6-18-84
G. Nelson Clark Date

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	J.M.S.	SCALE
DRAWN	BAF	1"=30'
CHECKED	J.M.S.	DRAWING
DATE	4-30-84	1 of 1
FOR:	ORRING DEVELOPMENT CORP 8050 Route 108 Suite 114 Columbia, Maryland 21045	JOB NO. 84-082
		FILE NO. 84-082-X

S.D.P. 84-271