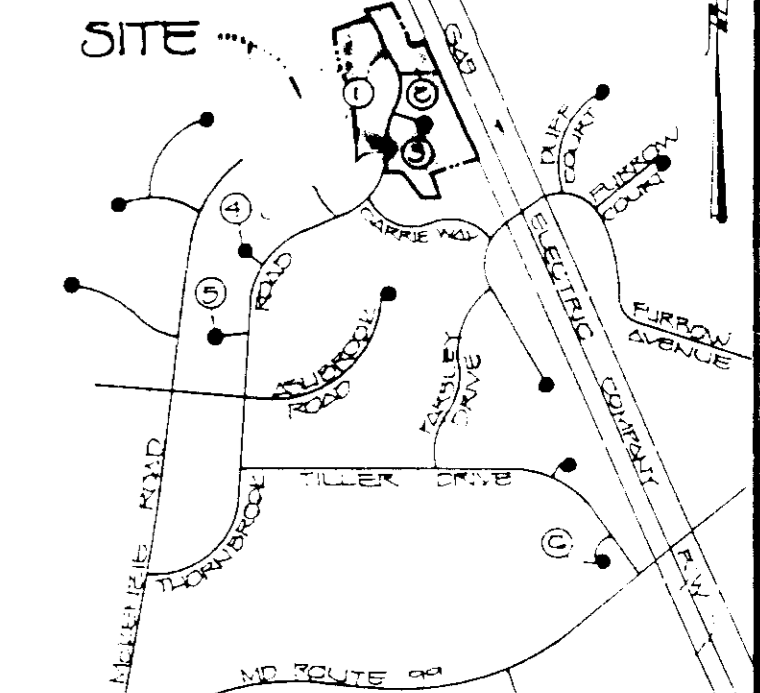


NO.	REVISIONS	DATE
6	Rev. Use of 3rd lots 2, 7, Add Use Typical, by Clark Fireproof & Scaffolding, Inc.	1/27/93
7	Rev. Use of 3rd lot 2, Add Use Typical by C.F.P.S. Fireproof & Scaffolding, Inc.	1/28/93
8	REV. USE: GRD LOT 4 12-15-93	
9	REV. USE: GRD LOT 9 3-4-94	
10	REV. USE: GRD LOT 8 1-10-94	
11	REV. USE: GRD ON LOT 8 6-13-94	

For Revision to Lots 2, 7 by Clark Fireproof & Scaffolding, Inc. Dated: 1/28/93
 For Revision to Lot 9 by C.F.P.S. Inc. Dated: 3/4/94
 For Revision to Lot 8 by C.F.P.S. Inc. Dated: 1/10/94

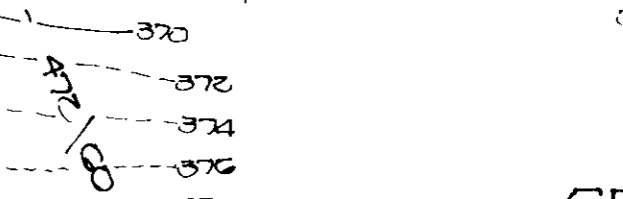


VICINITY MAP
SCALE: 1" = 200'

SITE ANALYSIS

TOTAL AREA OF SITE: 510.00 ±
 AREA DISTURBED: 617.00 ±
 AREA TO BE ROOFED OR PAVED: 150.00 ±
 AREA TO BE VEGETATIVELY STABILIZED: 50.00 ±
 TOTAL CUT: 5,000 ±
 TOTAL FILL: 5,000 ±
 OFFSITE WASTE: HOLLOW BLOCK (LOCATION 1) N.A.

TYPICAL HOUSE DETAIL
NOT TO SCALE



GENERAL NOTES

- SUBJECT PROPERTY IS LOCATED ON TAX MAP #17, PARCEL 27.
- PLAT REFERENCE:
- PRESIDENT BUILDING IS R-2 (RESIDENTIAL - SINGLE).
- MINIMUM SETBACKS:
 - FRONT: 50' (20,000 ± GREATER)
 - REAR: 30'
 - SIDE: 30' (FROM PUBLIC R/W)
 - 10'
- TYPICAL HOUSE DIMENSIONS, 5' RISE/100' PROFILES & DETAILS, SEWERMENT CONTROL DETAILS & SPECIFICATIONS CAN BE FOUND IN PARCELS 2 OF 3 & 3 OF 3.
- SITE ANALYSIS:
 - A. TOTAL NUMBER OF LOTS: 29
 - B. TOTAL NUMBER OF UNITS: 29
 - C. TOTAL AREA OF LOTS: 9,772.00 ±
- STREET TREES WILL BE PROVIDED UNDER 170' R/W BY THE DEVELOPER.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK @ 712-2640.

NOTE: THERE ARE NO WETLANDS PRESENT ON THIS SITE.

SLIC INVERTS & ADDRESSES

LOT	S.L.C. INVERT @ FT.	ADDRESS
30	377.71	2734 THORNBROOK RD
29	388.51	2738 THORNBROOK RD
28	388.64	2742 THORNBROOK RD
27	393.00	2746 THORNBROOK RD
26	393.14	2750 THORNBROOK RD
25	407.15	2754 THORNBROOK RD
24	415.08	2758 THORNBROOK RD
23	416.24	2764 THORNBROOK RD
22	419.31	2768 THORNBROOK RD
21	420.27	2772 THORNBROOK RD
20	423.71	2776 THORNBROOK RD
19	421.22	2771 THORNBROOK RD
18	419.27 (1.00%)	2767 THORNBROOK RD
17	415.16	2763 THORNBROOK RD
16	411.65	2759 THORNBROOK RD
15	406.68	2755 THORNBROOK RD
14	376.55	2706 DUNLEER RD
13	377.57	2710 DUNLEER RD
12	FRONLY 376.75 (1.00%)	2711 DUNLEER RD
11	FRONLY 376.52	2707 DUNLEER RD
10	375.82	2703 DUNLEER RD
9	371.02	2745 THORNBROOK RD
8	368.44	2705 GLENWOOD CT.
7	FRONLY 376.25 (1.00%)	2700 GLENWOOD CT.
6	368.33 (1.00%)	2713 GLENWOOD CT.
5	368.42 (1.00%)	2710 GLENWOOD CT.
4	368.36 (1.00%)	2704 GLENWOOD CT.
3	367.71	2732 THORNBROOK RD
2	368.13	2735 THORNBROOK RD

FLAG/PIPE ITEM	MINIMUM LOT AREA	REVISIONS
LOT 10	100.00	7-10-92 LOT 10 MODEL REVISION
LOT 11	100.00	6-10-92 LOT 11 MODEL REVISION
LOT 12	100.00	4-1-92 LOT 12 MODEL REVISION
LOT 13	100.00	9-1-92 LOT 13 MODEL REVISION
No	DATE	DESCRIPTION

OWNER & DEVELOPER
MT. LEBRON, INC.
 2100 MOUNT LEBRON ROAD
 ELLICOTT CITY, MARYLAND
 21043



LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- S.C.E. STABILIZED CONSTRUCTION ENTRANCE
- EARTH DISE (TYPE I TREATMENT)
- SPOT ELEVATIONS W/ FLOW ARROWS
- SILT FENCE OR STRAW BALE DIKE
- STREET TREES (F#0-99)
- 2" minimum caliper or Maples planted at 40' o/c

NO.	DATE	MODEL REVISION	DESCRIPTION
1	OCT 17, 1991	LOT 6	
2			

- CONSTRUCTION SEQUENCES**
- OBTAIN GRADING PERMITS.
 - INSTALL SILT FENCE, STABILIZED CONSTRUCTION ENTRANCES, EARTH DIKES, AND TRAIL PROTECTION AS SHOWN ON PLAN.
 - EXISTING SEDIMENT CONTROL DEVICES CONSTRUCTED UNDER F 90-99 SHALL BE UTILIZED DURING CONSTRUCTION OF THIS PROJECT, BEFORE CONSTRUCTION BEGINS. THESE DEVICES SHALL BE REGRADO TO ORIGINAL DESIGN (SEE F 90-99) AND STABILIZED WITH TEMPORARY SEEDING. CONSTRUCTION WITHIN LOTS CONTAINING SEDIMENT TRAPS AND BASINS MUST BE DELAYED UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED AND PERMISSION IS OBTAINED FROM THE E/S INSPECTOR TO REMOVE DEVICES.
 - BEGIN BUILDING CONSTRUCTION.
 - INSTALL WATER AND SEWER HOUSE CONNECTIONS.
 - ROUGH GRADE SITE.
 - COMPLETE BUILDING CONSTRUCTION.
 - FINE GRADE SITE AND PAVE DRIVEWAYS, STABILIZE SITE WITH PERMANENT SEEDING.
 - REMOVAL OF SEDIMENT CONTROL DEVICES SHALL BE DONE WITH THE SUPERVISION AND PERMISSION OF SEDIMENT CONTROL INSPECTOR.
 - S.W.M. PONDS AND BASIN MUST BE CLEANED TO APPROPRIATE DEPTH FOLLOWING PERMANENT STABILIZATION OF ALL UPLAND AREAS.

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855

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.

STATE OF MARYLAND
 PROFESSIONAL ENGINEER
 JAMES J. FISHER
 No. 1320
 DATE: 2/22/90

DEVELOPER'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 DEPARTMENT OF THE ENVIRONMENT 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.

DATE: 2/22/90
 SIGNATURE OF DEVELOPER: [Signature]

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

DATE: 5/22/91
 SIGNATURE: [Signature]
 SOIL CONSERVATION SERVICE

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

DATE: 5/22/91
 SIGNATURE: [Signature]
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DATE: 6/21/91
 SIGNATURE: [Signature]
 DIRECTOR

DATE: 6/20/91
 SIGNATURE: [Signature]
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED: HOWARD COUNTY DEPARTMENT OF THE ENVIRONMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

DATE: 6-5-91
 SIGNATURE: [Signature]
 HEALTH OFFICER

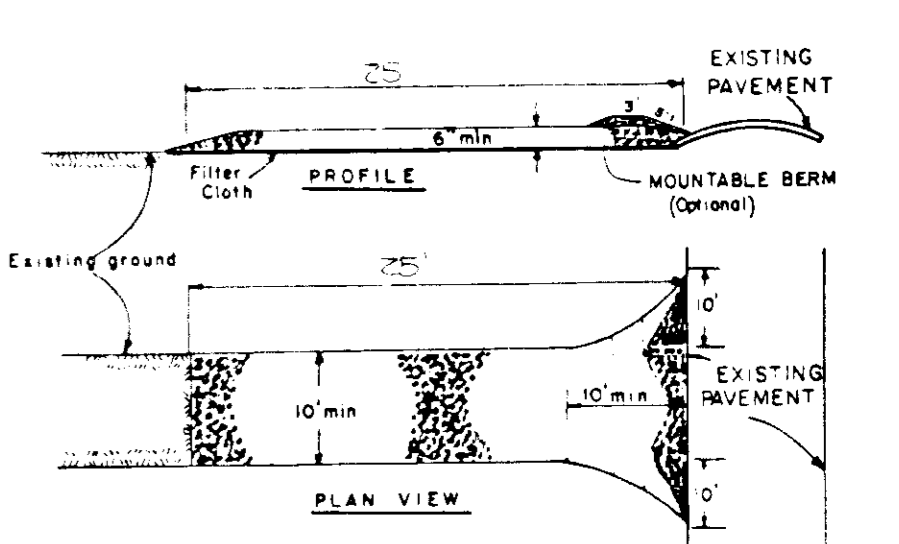
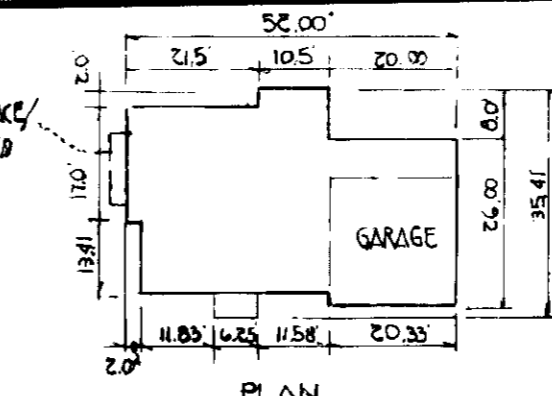
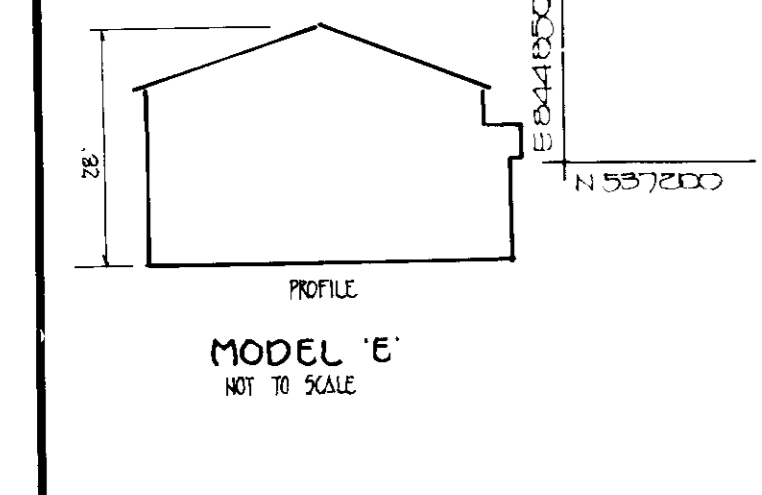
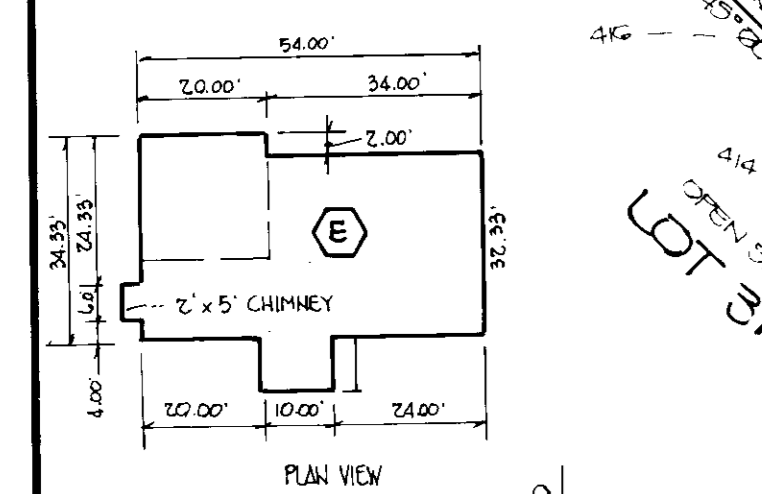
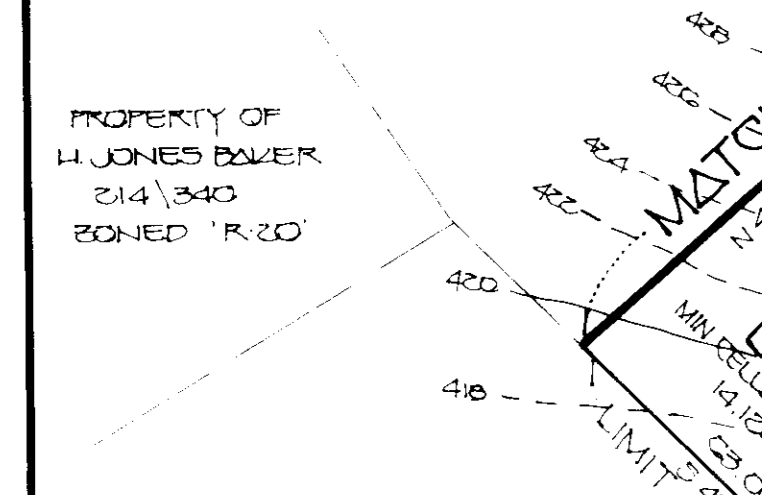
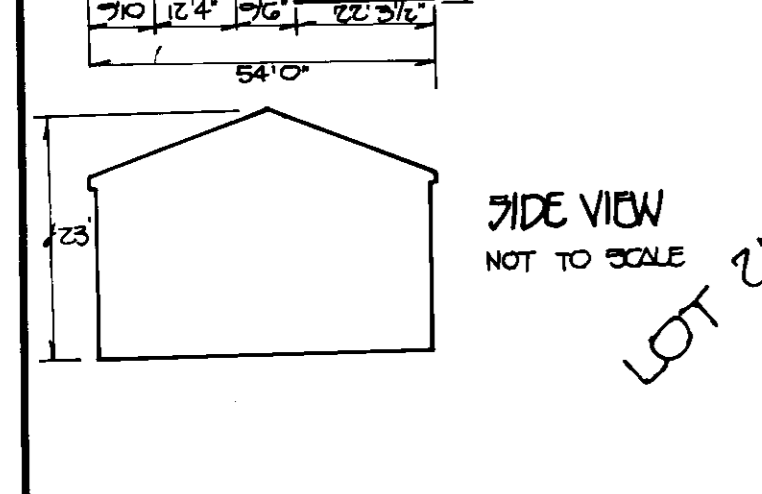
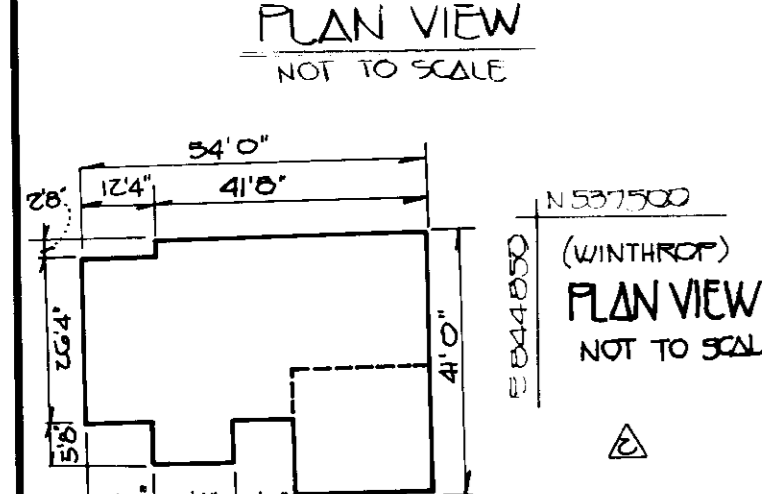
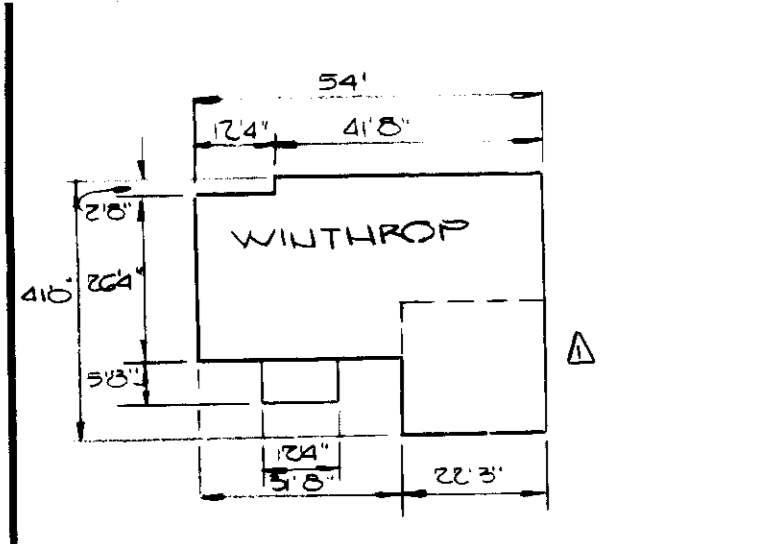
APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

DATE: 5/30/91
 SIGNATURE: [Signature]
 DIRECTOR, PUBLIC WORKS

DATE: 5/30/91
 SIGNATURE: [Signature]
 CHIEF, BUREAU OF ENGINEERING

PROPERTY/SUBDIVISION: MOUNT LEBRON
 SECTION/AREA: 70' / 2-30
 LOT NO: 2-30
 PLAT NO./L.F.: 2700-2711 / 99
 BLOCK NO.: 17
 TAX/ZONE: R-20
 ELEC. DIST.: 17
 CENSUS TR.: 6021
 WATER CODE: 11-03
 SEWER CODE: 1433000

SITE DEVELOPMENT PLAN
MOUNT LEBRON
 SECTION 20
 LOTS 2-30
 TAX MAP 17 PARCEL 27
 SECOND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: FEBRUARY 22, 1990
 SHEET 1 OF 3
 5' 0" 7' 9" 10' 9" 5' 0" 7' 9"

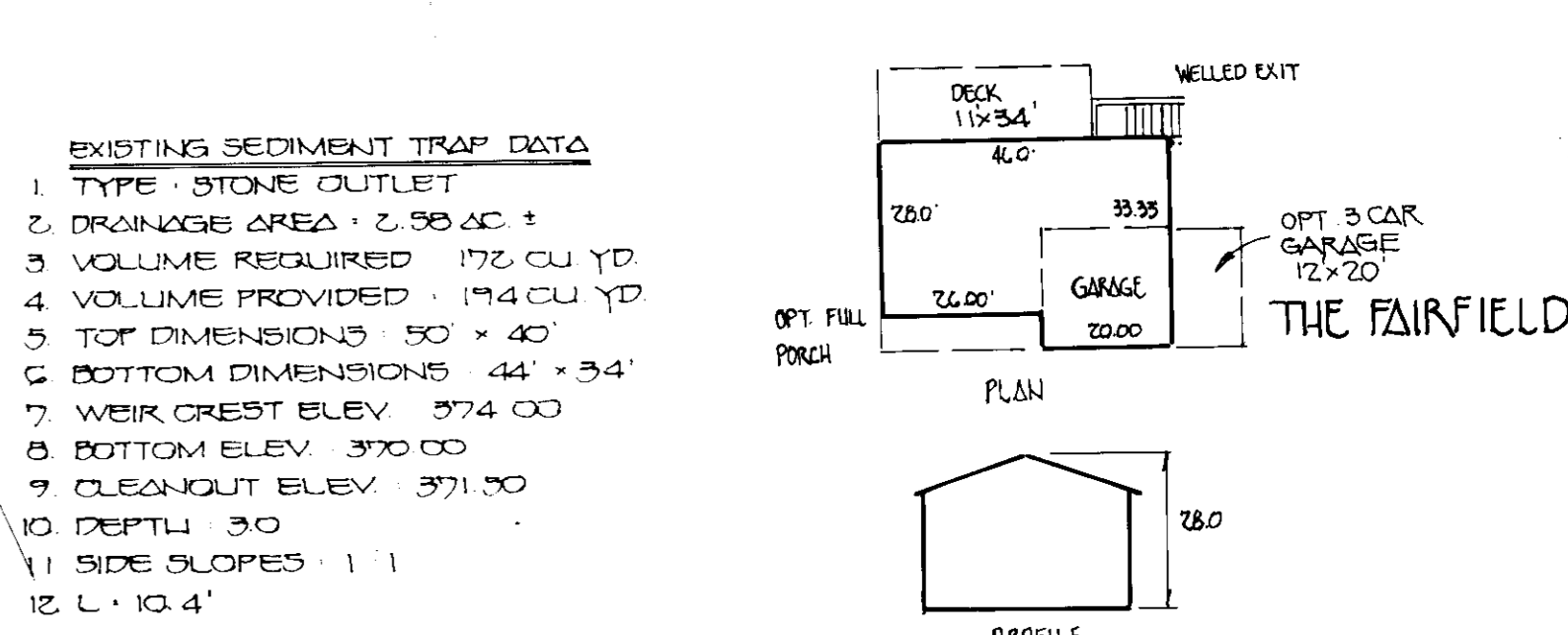


SEDIMENT CONTROL STRUCTURES TO THE PART...
 1. INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
 2. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 3. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 4. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 5. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 6. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 7. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 8. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 9. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 10. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 11. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...
 12. THE PERMITTEE SHALL MAINTAIN THE SEDIMENT CONTROL STRUCTURES...

- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Use 2" stone, or crushed or recycled concrete equivalent.
 2. Length - As required, but not less than 30 feet (except on a single residence lot where a 30 foot minimum length would apply).
 3. Thickness - Not less than six (6) inches.
 4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 5. Filter Material - All surface water flowing or directed toward construction entrances shall be piped across the entrance. If piping is impractical, a filter material shall be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 6. Surface Water - All surface water flowing or directed toward construction entrances shall be piped across the entrance. If piping is impractical, a filter material shall be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleaning of any measure used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE

PERMANENT SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, 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 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.
 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (32 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE (21 LBS/1000 SQ. FT.) OR KENTUCKY 31 TALL FESCUE (21 LBS/1000 SQ. FT.) 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 SOIL. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.
MULCHING: APPLY 1 1/2 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 238 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING. MAINTENANCE: INSPECT ALL SEEDING 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.
SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (32 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WHEAT. FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOIL.
MULCHING: APPLY 1 1/2 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 238 GAL PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET 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.

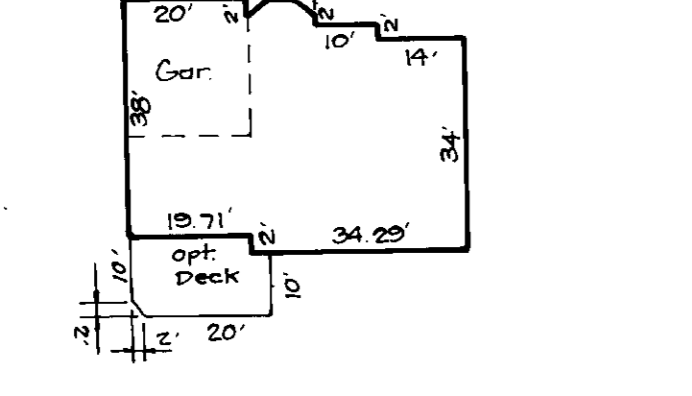


EXISTING SEDIMENT TRAP DATA

1. TYPE - STONE OUTLET
2. DRAINAGE AREA - 2.98 AC
3. VOLUME REQUIRED - 172 CU YD
4. VOLUME PROVIDED - 194 CU YD
5. TOP DIMENSIONS - 50' x 40'
6. BOTTOM DIMENSIONS - 44' x 34'
7. WEIR CREST ELEV - 374.00
8. BOTTOM ELEV - 370.00
9. CLEANOUT ELEV - 371.00
10. DEPTH - 3.0
11. SIDE SLOPES - 1:1
12. L x 10.4'

2200 = 7333.33 1/3 Min. Lot Size

CARROLLTON II



PROP SEDIMENT TRAP DATA (LOT 37)

1. TYPE - STONE OUTLET TRAP
2. DRAINAGE AREA - 0.90 AC
3. VOLUME REQUIRED - 20 CU YD
4. VOLUME PROVIDED - 77 CU YD
5. TOP DIMENSIONS - 50' x 15'
6. BOTTOM DIMENSIONS - 54' x 9'
7. WEIR CREST EL - 405.5
8. BOTTOM EL - 402.5
9. CLEANOUT EL - 404.0
10. DEPTH - 3.0
11. SIDE SLOPES - 1:1
12. L - 5.0

OWNER & DEVELOPER
MOUNT LEBRON, INC.
 2100 MOUNT LEBRON ROAD
 ELLICOTT CITY, MARYLAND 21043

NO	DATE	DESCRIPTION
1	30 Oct 91	Model revision on Lot 24
2	12 Mar 92	Lot 25 Model & to Wintthrop
3	23 Apr 92	LOT 25 CHESWICK
4	12 Jul 92	Rev. hse and grd. lot 11 by CLARK-FINEPROCK & SACKETT, INC.
5	30 Sep 92	Rev. hse and grd. lot 12 by CLARK-FINEPROCK & SACKETT, INC.
6	7-20-90	REV. HSE & GRD ON LOT 12
7	11-16-90	REV. HSE & GRD ON LOT 13
8	3-3-97	REV. HSE & GRD ON LOT 11

Handwritten note: For Revision to Lot 11 by Clark, Fineprock & Sackett, Inc. Dated 1/27/93. For Revision to Lot 12 by Clark, Fineprock & Sackett, Inc. Dated 3/1/93.

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855

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.
 SIGNATURE OF ENGINEER: [Signature]
 DATE: 2/22/90

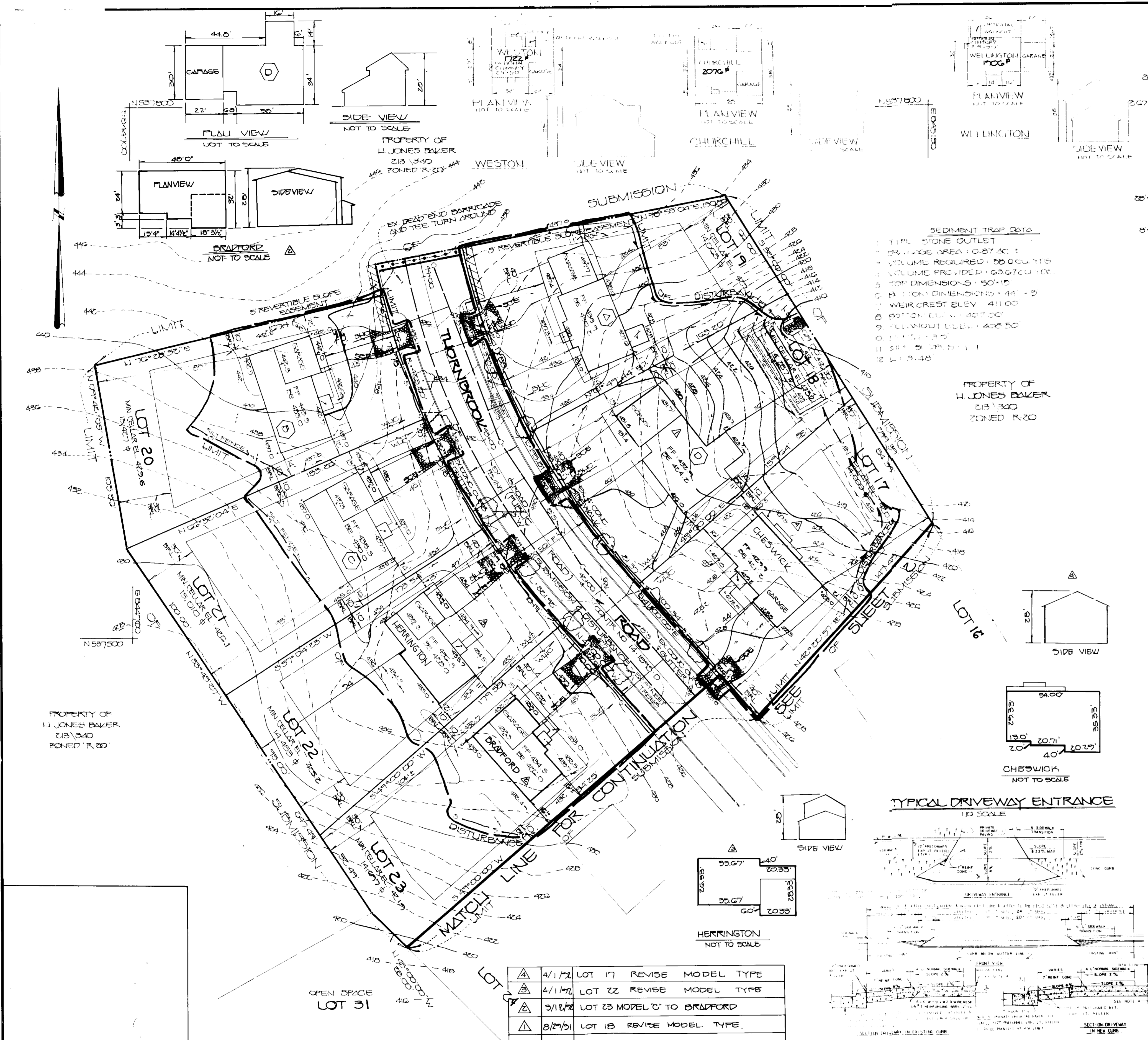
DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT 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 SEEMED NECESSARY.
 SIGNATURE OF DEVELOPER: [Signature]
 DATE: 2/22/90

REVIEWED FOR HOWARD SOIL CONSERVATION AND MEETS TECHNICAL REQUIREMENTS
 DISTRICT OFFICIAL: [Signature]
 DATE: 5/23/91

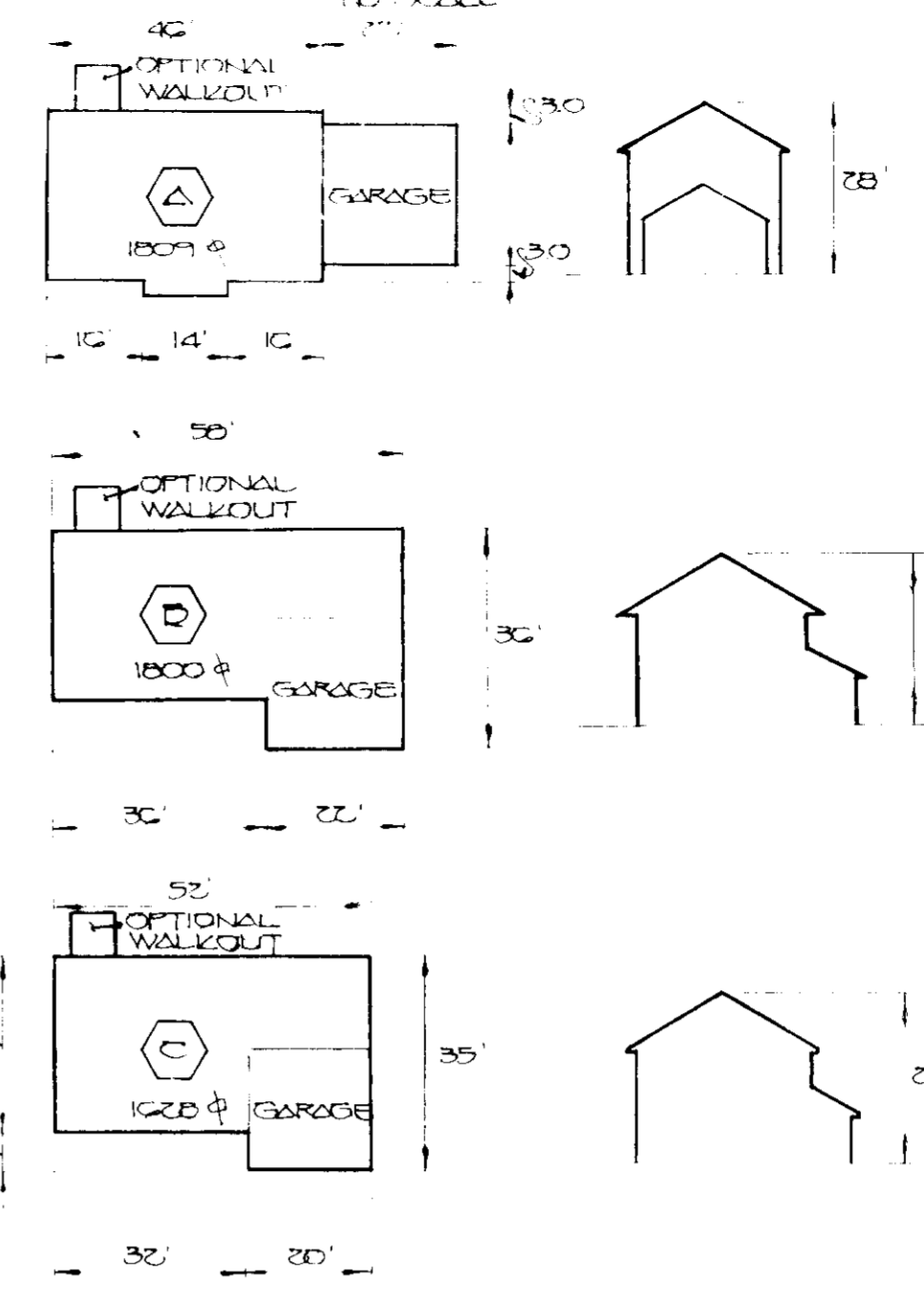
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DIRECTOR: [Signature]
 DATE: 6/21/91

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 DIRECTOR: [Signature]
 DATE: 6/30/91

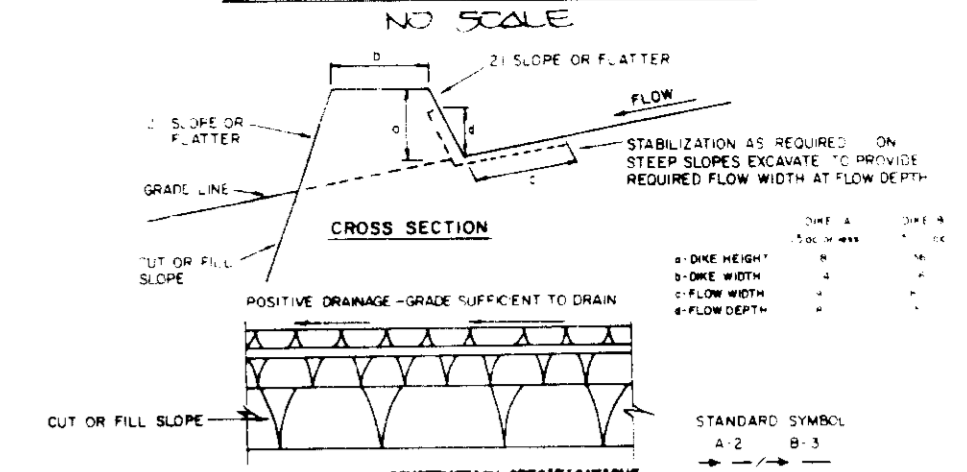
SITE DEVELOPMENT PLAN
MOUNT LEBRON
 SECTION 20
 LOTS 2-30
 TAX MAP 17 PARCEL 37
 SECOND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: FEBRUARY 23, 1990
 SUBJECT: P OF 3
 F70 99 P21 33 507 53
 SDP 90-104



TYPICAL HOUSE DETAILS

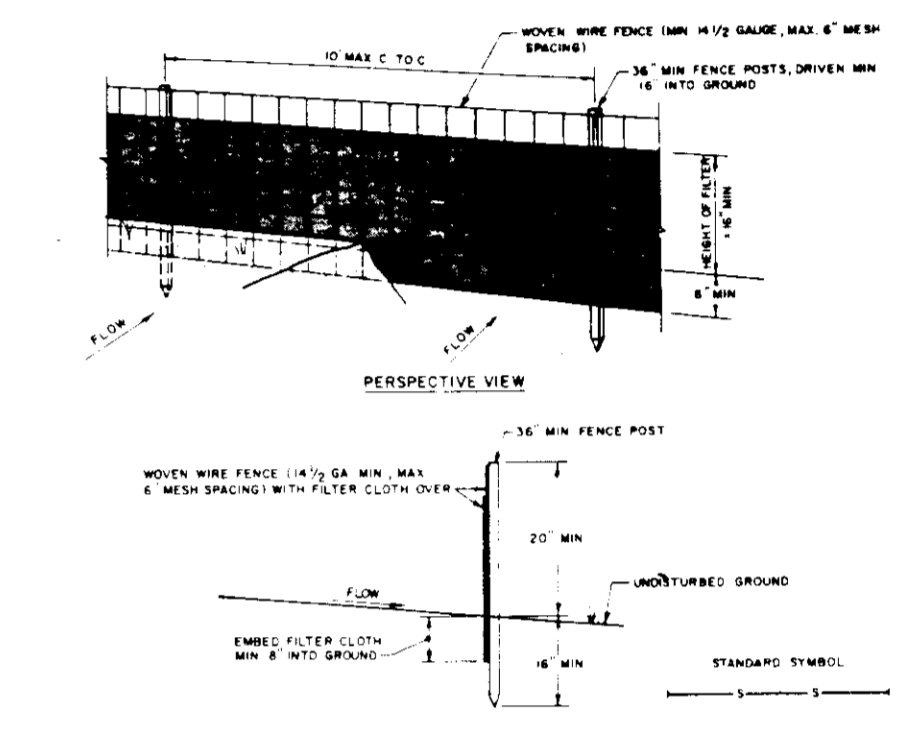


EARTH DILE DETAIL

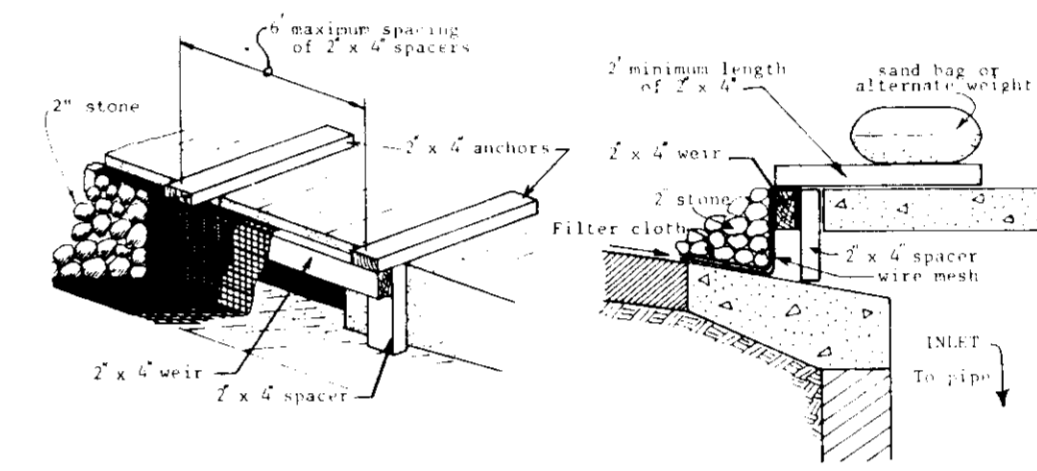


- CONSTRUCTION SPECIFICATIONS**
1. ALL DIKES SHALL BE CONSTRUCTED BY EARTH-MOVING EQUIPMENT.
 2. DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
 3. TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE PASSING BY CONSTRUCTION EQUIPMENT.
 4. ELEVATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAND OR SILT SAND WHICH SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. SAND SHALL BE CONFINED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR CHECK DAM WHERE ENTERING THE DRAINAGE AREA ABOVE THE DIKE AND BE PROPERLY STABILIZED.
 5. STABILIZATION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON. SEE FLOW CHART, AS SHOWN BELOW.
- FLOW CHANNEL STABILIZATION**
- | TYPE OF TREATMENT | CHANNEL SIZE | DIKE A | DIKE B |
|-------------------|--------------|------------------------|----------------------|
| 1 | 5-3.00 | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 2 | 3.1-5.00 | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 3 | 5.1-8.00 | SEED WITH LIME OR SOIL | LINED RIP-RAP 48" |
| 4 | 8.1-200 | LINED RIP-RAP 48" | ENGINEERING DESIGN |
- A. STONE TO BE 2 INCH STONE OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 6 INCHES IN THICKNESS AND SPACED INTO THE SOIL WITH CONTINUOUS EQUIPMENT. SAND RIP-RAP TO BE 3/8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND SPACED INTO THE SOIL.
- C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS PROVIDED PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

SILT FENCE DETAIL



CURB INLET PROTECTION DETAIL



1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
3. Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).
4. Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.

LOT COVERAGE CHART

LOT NO.	SQ. FEET HOUSE	LOT AREA SQ. FEET	% OF COVERAGE
2	1809	14,686	12.3
3	1628	14,884	11.0
4	1809	14,707	12.3
5	1809	15,774	11.5
6	1628	16,725	10.2
7	1809	15,379	11.8
8	1809	14,092	12.9
9	1809	14,127	12.8
10	1628	14,667	11.1
11	1800	14,006	12.9
12	1628	15,177	10.7
13	1800	15,300	11.8
14	1800	16,274	11.1
15	1809	14,182	12.8
16	1809	14,000	13.0
17	1809	14,287	12.7
18	1809	14,063	12.9
19	1800	15,427	11.7
20	1628	15,010	10.9
21	1628	14,453	11.3
22	1628	14,677	11.1
23	1628	14,122	11.6
24	1809	14,210	12.8
25	1809	14,065	12.9
26	2076	14,007	14.9
27	1906	14,524	13.2
28	1722	14,391	12.0
29	2076	14,085	14.8

REVISION

#	DATE	DESCRIPTION
1	4/1/91	LOT 17 REVISE MODEL TYPE
2	4/1/91	LOT 22 REVISE MODEL TYPE
3	5/1/91	LOT 23 MODEL 'C' TO DRAFD
4	5/2/91	LOT 18 REVISE MODEL TYPE.

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.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

DEVELOPER'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 DEPARTMENT OF THE ENVIRONMENT 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.

MOUNT LEBRON, INC.
2106 MOUNT LEBRON ROAD
ELLCOTT CITY, MARYLAND 21043

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

APPROVED HOWARD COUNTY DEPARTMENT OF THE ENVIRONMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

STATE OF MARYLAND PROFESSIONAL ENGINEER

OWNER & DEVELOPER
MOUNT LEBRON, INC.
2106 MOUNT LEBRON ROAD
ELLCOTT CITY, MARYLAND 21043

PROPERTY/SUBDIVISION
MOUNT LEBRON

PLAT NO./L.F. 700-711
BLOCK NO. 17
ZONE R-20
TAX/ZONE 17
ELEC. DIST. 2
CENSUS TR. 0001
WATER CODE 11-05
SEWER CODE 1455000

SITE DEVELOPMENT PLAN
MOUNT LEBRON

SECTION 20
LOTS 2-30
TAX MAP 17
SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 20' DATE FEBRUARY 28, 1990
SHEET 3 OF 3
P 70-99 P 09-33 507-54