S.H.C. INVERTS & ADDRESS CHART

LOT #	S.H.C. INVERT #	ADDRESS
54	406.67	2609 SARA BETH COURT
55	406.31	2605 " "
56	401.17	2601 " "
57	405.44	2680 THORNBROOK ROAD
58	400.60	2676 "

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 80 LBS. PER ACRE (1.8 LBS/1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 40 LBS. KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS/1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, SEED WITH 2 TONS/ACRE (90 LBS/1000 SQ.FT.) OF UNROOTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. OPTION (2) USE SOD, 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 UNROOTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. 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 DATE AND METHODS NOT COVERED.

GENERAL NOTES

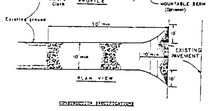
1. SUBJECT PROPERTY IS LOCATED ON TAX MAP NO. 17 PART OF PARCELS 395 & 37.
2. PLAT REFERENCE:
3. PRESENT ZONING IS R-20 (RESIDENTIAL- SINGLE)
4. MINIMUM SETBACKS:
   FRONTS: 50' (20,000 OR GREATER)
   40' (LESS THAN 20,000)
   SIDE: 30' (FROM PUBLIC RIGHT-OF-WAY)
   10'
   REAR: 30'
5. TYPICAL HOUSE DIMENSIONS, SCHEMATIC PROFILES DETAIL, SEDIMENT CONTROL NOTES & SPECIFICATIONS CAN BE FOUND ON THIS SHEET.
6. SITE ANALYSIS
   A. TOTAL NO. OF LOTS - 5
   B. TOTAL NO. OF UNITS - 5
   C. TOTAL AREA OF LOTS - 1.958 AC.±
7. STREET TREES WILL BE PROVIDED UNDER F-88-227 BY THE DEVELOPER.
8. THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK # 792-2630.
9. A WAIVER FOR STORMWATER MANAGEMENT WAS APPROVED UNDER F 88-227.

SITE ANALYSIS

TOTAL AREA OF SITE	1.958AC.±
AREA DISTURBED	1.3 Ac.
AREA TO BE ROOFED OR PAVED	.04 AC.
AREA TO BE VEGETATIVELY STABILIZED	1.29 AC.
TOTAL CUT	500 C.Y.
TOTAL FILL	500 C.Y.
OFFSITE WASTE/BORROW AREA LOCATION	

CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMIT.
2. CONSTRUCTION EROSION AND SEDIMENT CONTROL DEVICES. NOTE: EXISTING DEVICES CONSTRUCTED IN CONJUNCTION WITH F 88-227, WHICH ARE TO BE UTILIZED FOR THIS PROJECT, SHALL BE REPAIRED AND STABILIZED AS REQUIRED, INCLUDING CLEANOUT OF SEDIMENT TRAPS TO ORIGINAL DESIGN DIMENSIONS.
3. ROUGH GRADE SITE.
4. BEGIN BUILDING CONSTRUCTION.
5. INSTALL WATER AND SEWER HOUSE CONNECTIONS.
6. COMPLETE BUILDING CONSTRUCTION.
7. STABILIZE SITE PER PERMANENT SEEDING PROCEDURES.
8. PAVE DRIVEWAYS.
9. REMOVE EROSION AND SEDIMENT CONTROL DEVICES AND STABILIZE THOSE AREAS PER PERMANENT SEEDING PROCEDURES.
10. The construction of the proposed houses Under on Lots #54-58 will be currently blocked at the time of construction to prevent Violation of the B.R.L.



CONSTRUCTION SPECIFICATIONS

1. Stone Size - Use 2" stone, or recycled or reprocessed concrete equivalent.
2. Length - As shown on plans, but not less than 50 feet (except on a single family residence lot where it may have a minimum length of 30 feet).
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 Cloth - Will be placed over the entire area prior to placing of stone.
6. Filter will not be required on a single family residence lot.
7. Surface Water - All surface water flowing or diverted toward construction entrances shall be controlled to prevent flow across public right-of-way. A perpendicular berm with 5:1 slopes will be adequate in most situations.
8. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right-of-way must be removed immediately.
9. Washing - Wheels should be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trapping device.
10. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

TEMPORARY SEEDING NOTES:

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

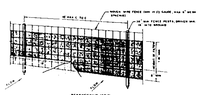
SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 30, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (2.3 LBS/1000 SQ.FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ.FT.). 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.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROOTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. 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 DATE AND METHODS NOT COVERED.



CONSTRUCTION NOTES FOR EMBEDDED SILT FENCE

1. WOOD POST, 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 TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. PREFABRICATED UNITS SHALL BE USED ONLY IF APPROVED BY THE ENGINEER.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGE" DEVELOP IN THE SILT FENCE.
6. INSPECTIONS SHALL BE PERFORMED BY THE OWNER'S AGENT DAILY DURING RAINFALL EVENTS AND WEEKLY OTHERWISE.

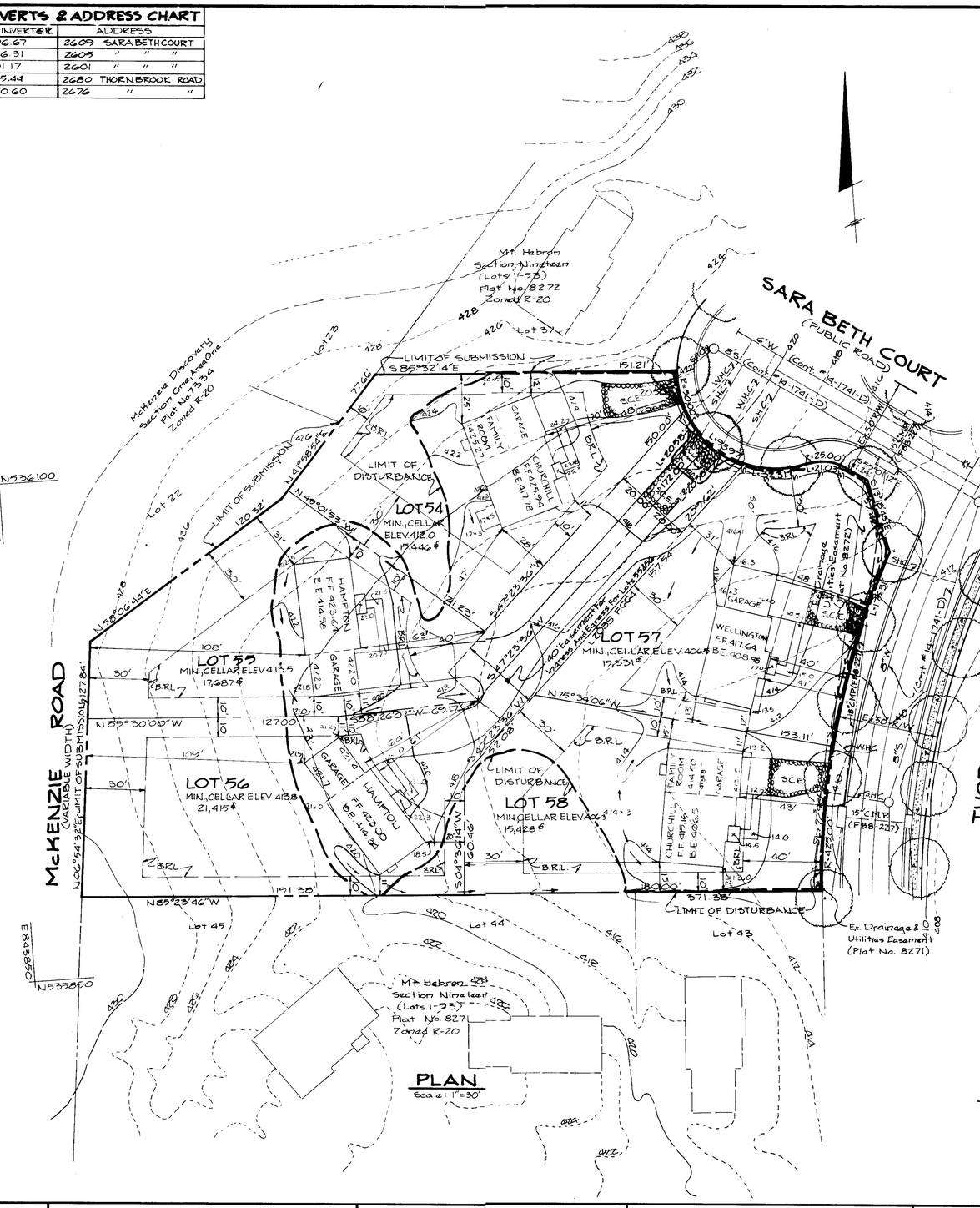
POSTS: STEEL EITHER T OR U TYPE OR WOODEN

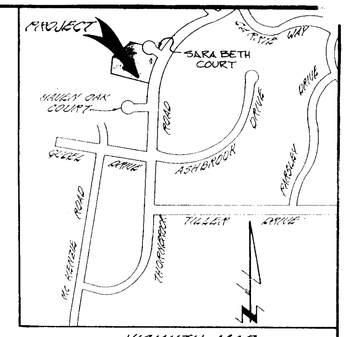
FENCE: WOVEN WIRE (14½ GAUGE MINIMUM) WITH MAXIMUM MESH OPENING OF 6 INCHES

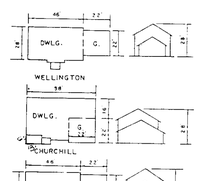
FILTER CLOTH: FILTER X OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFABRIC OR APPROVED EQUAL

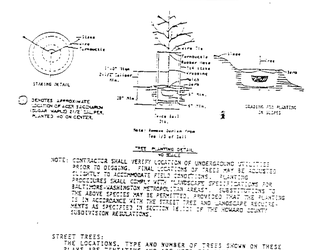
SILT FENCE
NO SCALE







HOUSE DIMENSIONS



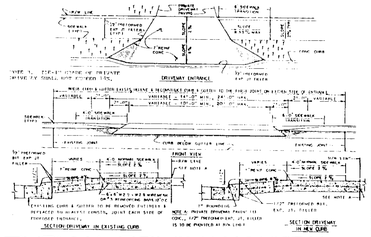
NOTE: CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO DIGGING. ADDITIONAL LOCATIONS OF TREES MAY BE REQUIRED TO ACCOMMODATE FIELD CONDITIONS. PLANTING PROCEDURES SHALL BE IN ACCORDANCE WITH SPECIFICATIONS FOR PLANTING IN RESIDENTIAL AND COMMERCIAL AREAS. DEVIATIONS FROM THE ABOVE SPECIFICATIONS MAY BE NECESSARY TO ACCOMMODATE SITE CONDITIONS AND MUST BE RECOMMENDED BY A LANDSCAPE ARCHITECT AS SPECIFIED IN THE STREET TREE AND LANDSCAPE SECTION OF THE HOWARD COUNTY SUBDIVISION REGULATIONS, AS APPROVED BY THE OFFICE OF PLANNING AND ZONING.

STREET TREES:
THE LOCATIONS, TYPE AND NUMBER OF TREES SHOWN ON THESE PLANS ARE CONCEPTUAL AND ARE USED FOR BOND PURPOSES ONLY. THE FINAL LOCATION AND VARIETY OF TREES MAY VARY TO ACCOMMODATE FIELD CONDITIONS AND DRIVEWAY LOCATIONS, AS APPROVED BY THE DEPARTMENT OF PLANNING AND ZONING.

TREE PLANTING DETAIL
NO SCALE

LEGEND

- 450 EXISTING CONTOUR
- 450 PROPOSED CONTOUR
- CURB INLET PROTECTION (C.I.P)
- STABILIZATION CONSTRUCTION ENTRANCE
- EARTH DIKE (TYPE 1 TREATMENT)
- SPOT ELEVATIONS W/ FLOW ARROWS
- SILT FENCE OR STRAW BALE DIKE
- STREET TREES (F 88-227) 2 1/2 MINIMUM CALIPAR OR MAPLES PLANTED @ 40' O/C



TYPICAL DRIVEWAY ENTRANCE
NO SCALE

OWNER & DEVELOPER
FORTY WEST BUILDERS
1007 LESLIE AVE.
BALTO. MD. 21228
(301) 788-4955

APPROVED
DEPARTMENT OF PLANNING AND ZONING
DATE 7-17-89

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 — DATE 8/24/89

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 NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER — DATE 8-23-89

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

U.S./SOIL CONSERVATION SERVICE — DATE 9/7/89

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

DISTRICT — DATE 9/7/89
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPT OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 10/2/89

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 10/11/89

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

HEALTH OFFICER — DATE 9-27-89

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

DIRECTOR, PUBLIC WORKS — DATE 9/28/89

CHIEF, BUREAU OF ENGINEERING — DATE 9.28.89

PROPERTY/SUBDIVISION			SECTION/AREA	PARCEL/LOT NO.
Mount Hebron			19	P/O 395 & 37
PLAT NO./L.F.	BLOCK NO.	ZONE / TAX/ZONE	ELEC. DIST.	CENSUS TR
	9	R-20 / 17	Second	6021
WATER CODE		SEWER CODE		
H03		1455800		

SITE DEVELOPMENT PLAN

MOUNT HEBRON

SECTION 19
LOTS 54-58
A RESUBDIVISION OF LOT 38-42
TAX MAP 17 P.O. PARCELS 395 & 37
2nd ELECTION DISTRICT JUNE 9, 1989
HOWARD COUNTY, MARYLAND SCALE 1"=30'

SDP89-94 SHEET 1 OF 1

SDP 89-266