

REVISIONS

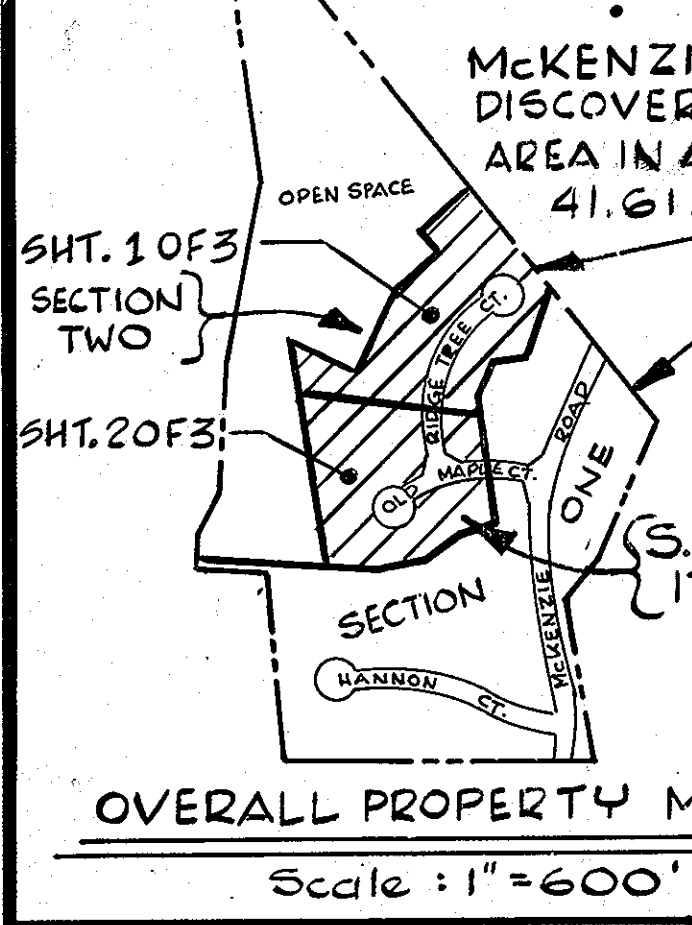
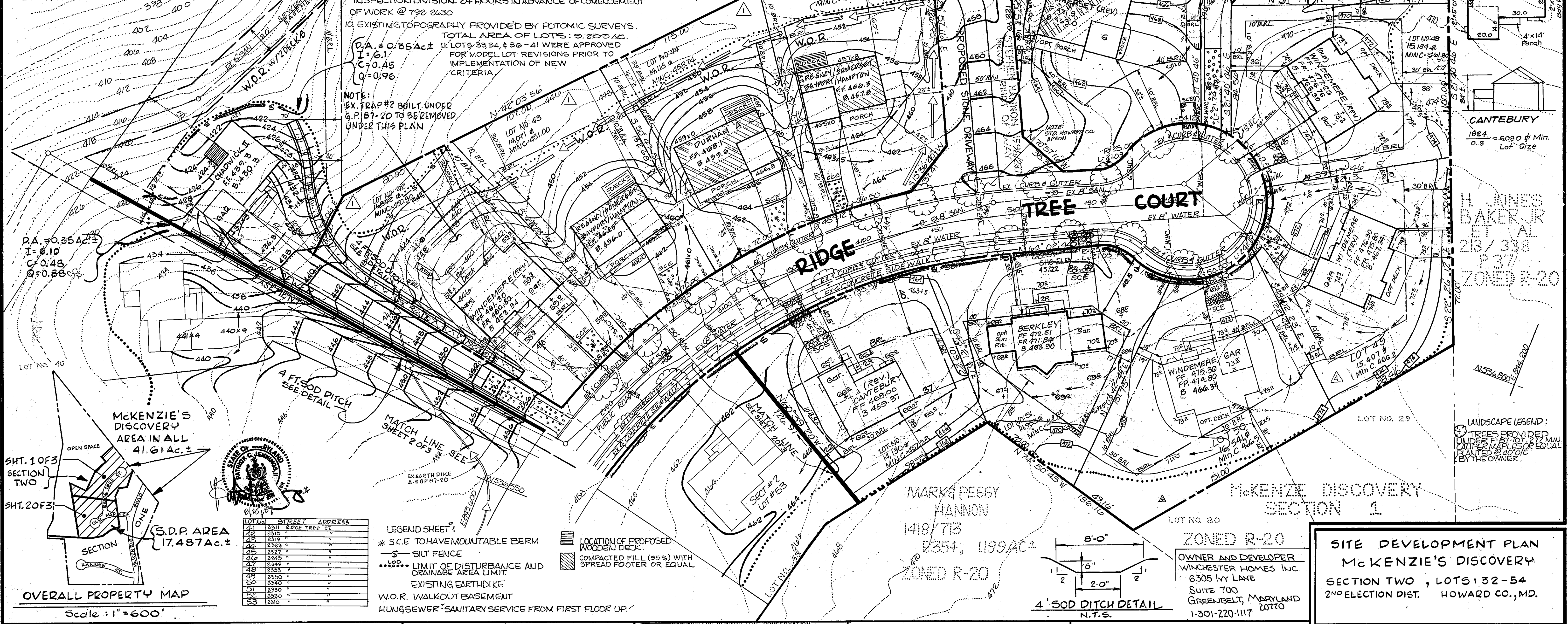
NO.	TYPE	DATE	BY
1	INCORPORATE MODIFICATIONS	9/14/87	C.A.G.
2	REVISIONS FOR	11/14/87	D.G.H.
3	REVISIONS FOR	11/14/87	LEW
4	REVISIONS FOR	11/14/87	TAB
5	REVISIONS FOR	11/14/87	D.H.
6	REVISIONS FOR	11/14/87	BAL
7	REVISIONS FOR	11/14/87	BAL
8	REVISIONS FOR	11/14/87	BAL
9	REVISIONS FOR	11/14/87	BAL

GENERAL NOTES

- SUBJECT PROPERTY IS LOCATED ON TAX MAP 17, PART OF PARCEL 172-360-4
- FINAL PLAN REFERENCE F-87-113
- PRESENT ZONING IS: R-20 (RESIDENTIAL) (SINGLE)
- MINIMUM SETBACKS:
FRONT 50' (LOTS OVER 20,000 SF)
40' (LOTS UNDER 20,000 SF)
SIDE: 30' (FROM PUBLIC R/W)
10'
REAR 30'
- TYPICAL HOUSE DIMENSIONS SCHEMATIC PROFILES, DETAILS, SEDIMENT CONTROL NOTES AND SPECIFICATIONS CAN BE FOUND ON SHEET 3 OF 3
- SITE ANALYSIS:
A. TOTAL NUMBER OF LOTS: 23
B. TOTAL NUMBER OF UNITS: 22
- STREET TREES WILL BE PROVIDED UNDER F-87-113 BY THE DEVELOPER - CALLES CONSTRUCTION COMPANY
- STORMWATER MANAGEMENT IS PROVIDED UNDER G.P. 87-20
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK @ 792 2630
- EXISTING TOPOGRAPHY PROVIDED BY POTOMIC SURVEYS. TOTAL AREA OF LOTS: 9,209.46
- REVISIONS TO LOTS 33, 34, & 36-41 WERE APPROVED FOR MODEL LOT REVISIONS PRIOR TO IMPLEMENTATION OF NEW CRITERIA.
D.A. = 0.35 A.C. ±
I = 6.1
C = 0.45
Q = 0.96
- EX. TRAP #2 BUILT UNDER G.P. 87-20 TO BE REMOVED UNDER THIS PLAN

VICINITY MAP
SCALE: 1" = 2000'

OPEN SPACE
LOT NO. 41



LOT LIST

LOT NO.	STREET	ADDRESS
41	2311	RIDGE TREE CT.
42	2315	
43	2319	
44	2323	
45	2327	
46	2331	
47	2335	
48	2339	
49	2343	
50	2347	
51	2351	
52	2355	
53	2359	

LEGEND SHEET #1

- * S.C.E. TO HAVE MOUNTABLE BERM
- SILT FENCE
- LIMIT OF DISTURBANCE AND DRAINAGE AREA LIMIT
- EXISTING EARTHDIKE
- W.O.R. WALKOUT BASEMENT
- HUNGSEWER SANITARY SERVICE FROM FIRST FLOOR UP
- LOCATION OF PROPOSED WOODEN DECK
- COMPACTED FILL (95%) WITH SPREAD FOOTER OR EQUAL

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 7-16-87

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.

DATE: 8/15/87
SIGNATURE OF ENGINEER: [Signature]

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 ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

DATE: 8/26/87
SIGNATURE OF DEVELOPER: [Signature]

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
DATE: 9-1-87
SIGNATURE: [Signature]

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: [Signature] DATE: 9/1/87
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
DATE: 9-15-87
SIGNATURE: [Signature]

PLANNING DIRECTOR: [Signature] DATE: 9-15-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
DATE: 9-20-87
SIGNATURE: [Signature]

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DATE: 9/9/87
SIGNATURE: [Signature]

DIRECTOR, PUBLIC WORKS: [Signature] DATE: 9-8-87
CHIEF, BUREAU OF ENGINEERING

SUBDIVISION: MCKENZIE'S DISCOVERY
SECTION/AREA: TWO
LOT NOS.: 32-54
PLAT NOS.: 1336-7342
BLOCK NO.: 9
ZONE: R-20
ELEC. DIST.: 2 MD.
CENSUS TR.: 6021
WATER CODE: H03
SEWER CODE: 5758000

SITE DEVELOPMENT PLAN
McKENZIE'S DISCOVERY
SECTION TWO, LOTS 32-54
2ND ELECTION DIST. HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.
CONSULTING ENGINEERS - ARCHITECTS - SURVEYORS
9030 RED BRANCH ROAD COLUMBIA, MARYLAND 21045 SUITE 100 TELEPHONE 1301 740-5200

DESIGNED BY: J.C.S.
DRAWN BY: R.C.C. & R.C.T.
CHECKED BY: P.J.
DATE: 8/26/87
SCALE: 1" = 30'
W.O. NO. 04-86-002E

1 SHEET OF 3

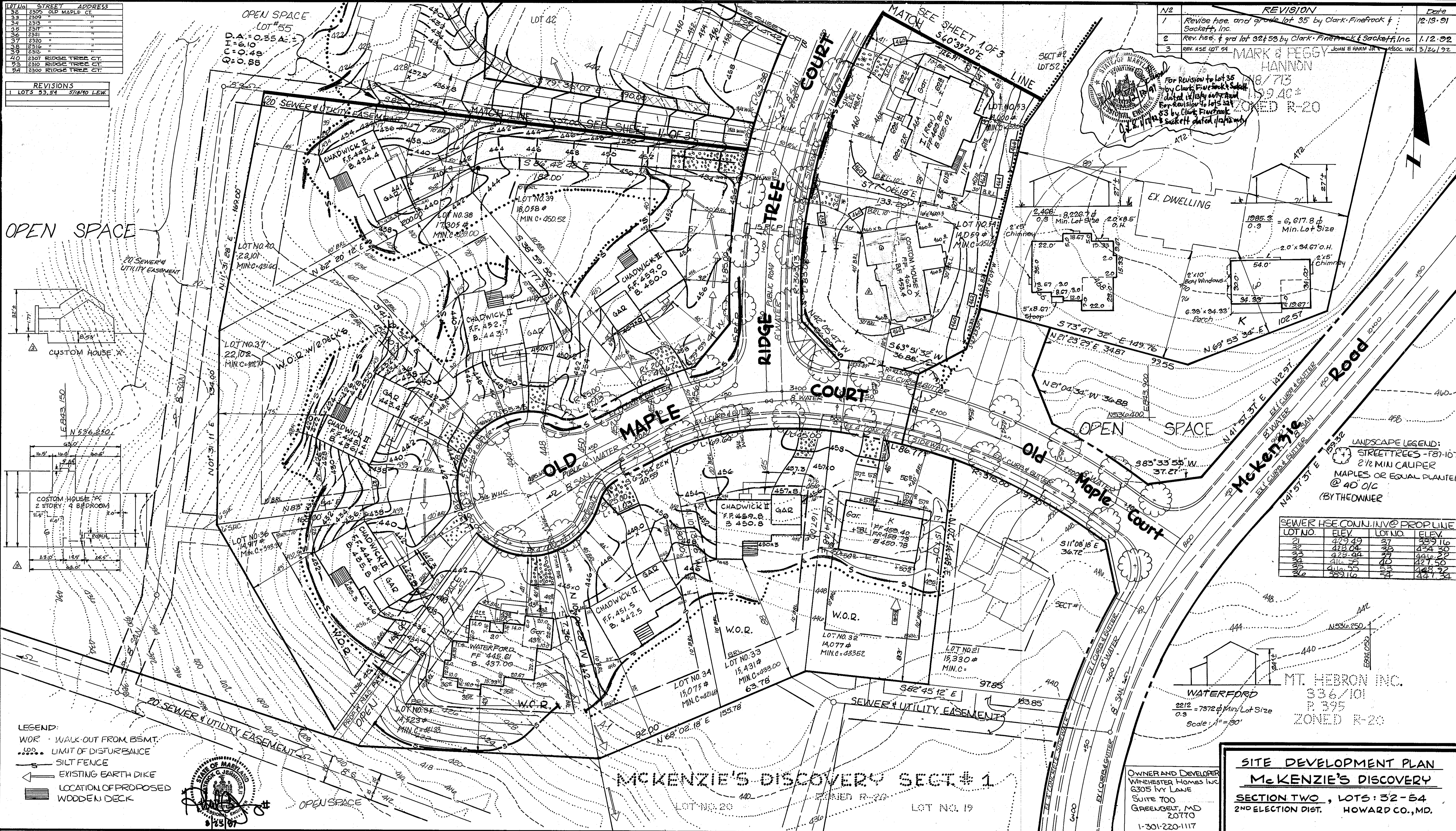
SEWER HSE. CONJ. INV. @ PROP. LINE

LOT NO.	ELEV.	LOT NO.	ELEV.
41	419.09	47	416.80
42	419.72	48	416.80
43	419.72	49	416.04
44	424.44	50	416.04
45	424.44	51	424.73
46	424.57	52	424.73

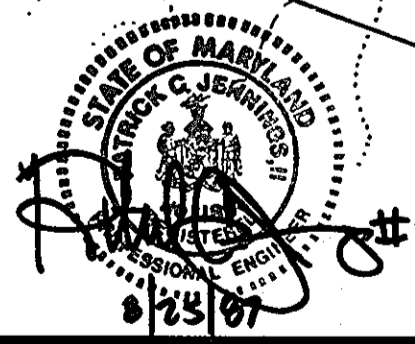
LOT NO.	STREET ADDRESS
32	2305 OLD MAPLE CT.
33	2309 " "
34	2313 " "
35	2317 " "
36	2321 " "
37	2325 " "
38	2329 " "
39	2333 " "
40	2307 RIDGE TREE CT.
41	2310 RIDGE TREE CT.
42	2313 RIDGE TREE CT.

REVISIONS	DATE
LOTS 53, 54 5/18/80 LEW.	

NO.	REVISION	DATE
1	Revise hse. and grade lot 35 by Clark, Finebrook & Sackett, Inc.	12-13-91
2	Rev. hse. & grad lot 32 & 53 by Clark, Finebrook & Sackett, Inc.	1.12.92
3	REV. HSE LOT 54	3/24/92



LEGEND:
 WOR - WALK-OUT FROM BSMT.
 --- LIMIT OF DISTURBANCE
 --- SILT FENCE
 --- EXISTING EARTH DIKE
 --- LOCATION OF PROPOSED WOODEN DECK



LOT NO.	ELEV.	LOT NO.	ELEV.
32	429.49	37	429.10
33	428.04	38	424.30
34	428.04	39	441.22
35	416.75	40	427.50
36	389.12	41	443.72
		42	441.34

MT. HEBRON INC.
 336/101
 R 395
 ZONED R-20
 Scale: 1" = 30'

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 7-16-87

ENGINEER'S CERTIFICATE
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Signature: [Signature]
 DATE: 8/26/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Signature: [Signature]
 DATE: 9-1-87

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

Signature: [Signature]
 DATE: 9/1/87

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: [Signature]
 DATE: 9-15-87

Signature: [Signature]
 DATE: 9-15-87

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

Signature: [Signature]
 DATE: 9/16/87

Signature: [Signature]
 DATE: 9-2-87

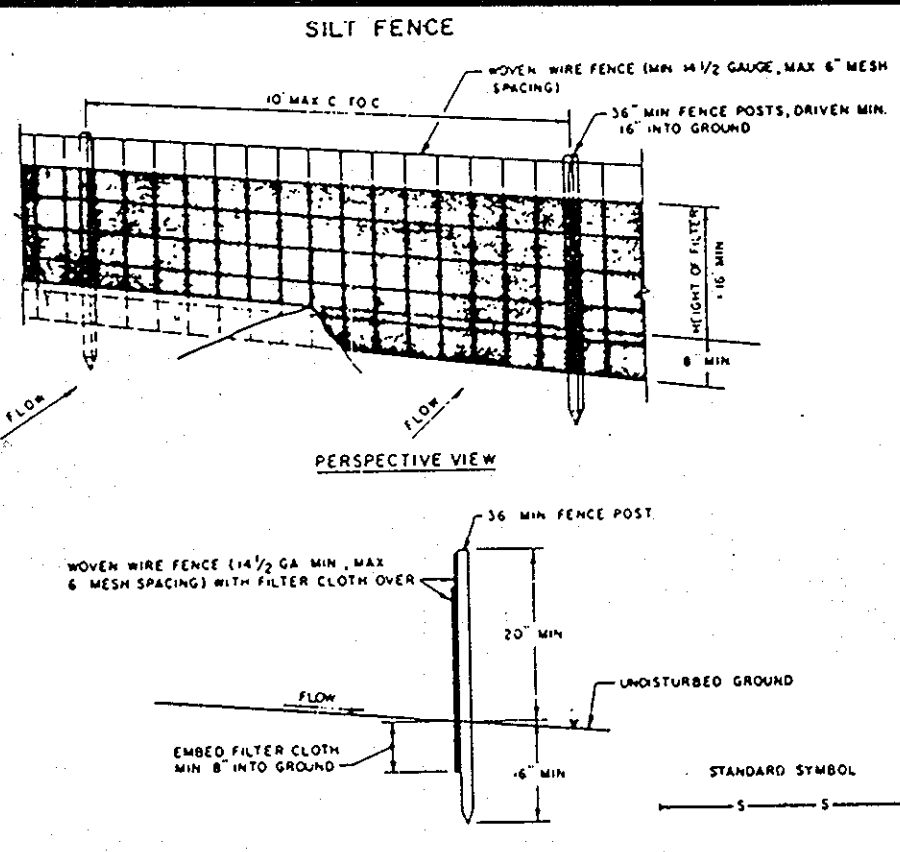
SITE DEVELOPMENT PLAN
MCKENZIE'S DISCOVERY
 SECTION TWO, LOTS: 32-54
 2ND ELECTION DIST. HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.
 CONSULTING ENGINEERS - ARCHITECTS - SURVEYORS

9030 RED BRANCH ROAD COLUMBIA, MARYLAND 21045 TELEPHONE (301) 740-5200 SUITE 100

DESIGNED BY: J.C.S.
 DRAWN BY: P.J.C. & R.C.T.
 CHECKED BY: P.J.
 DATE: 8/26/87
 SCALE: 1" = 30'
 W.O. NO. 04-06-002E

2 SHEET OF 3

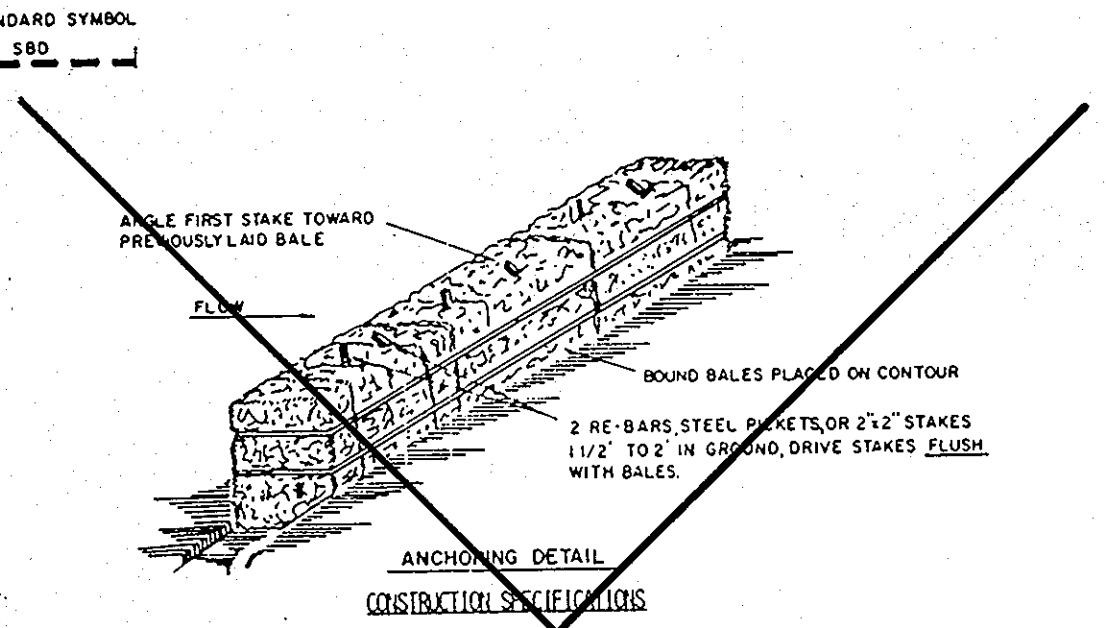
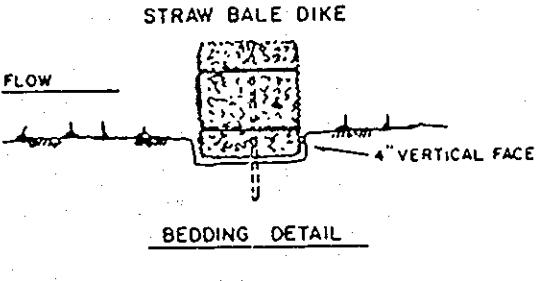


CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

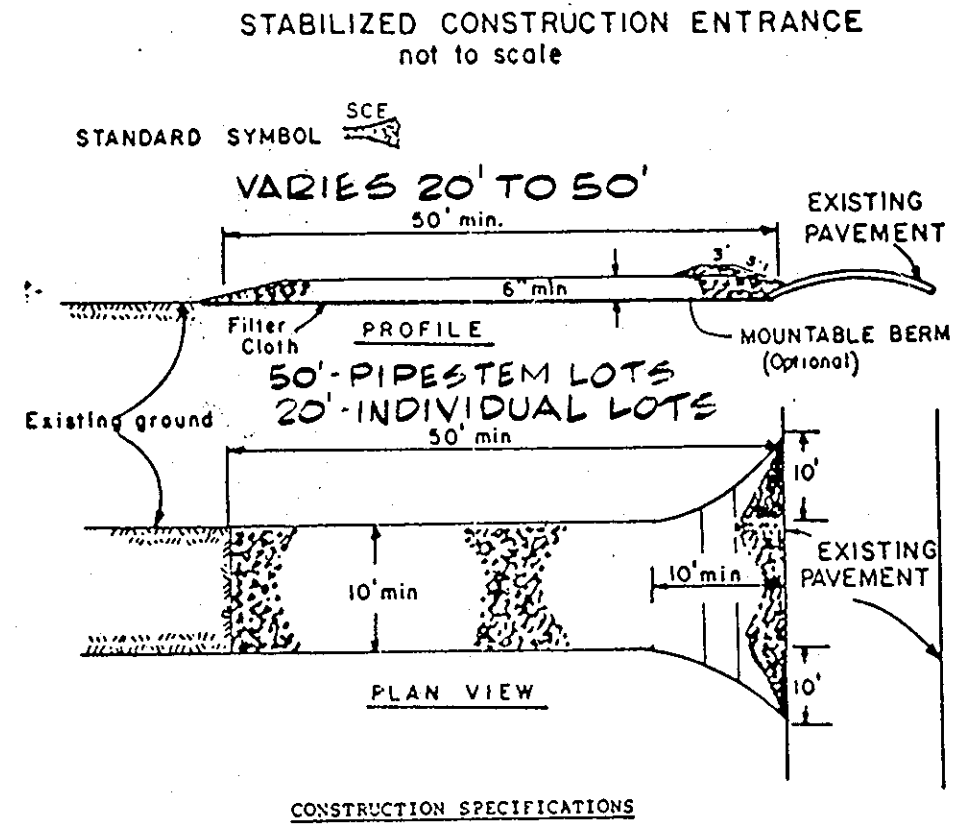
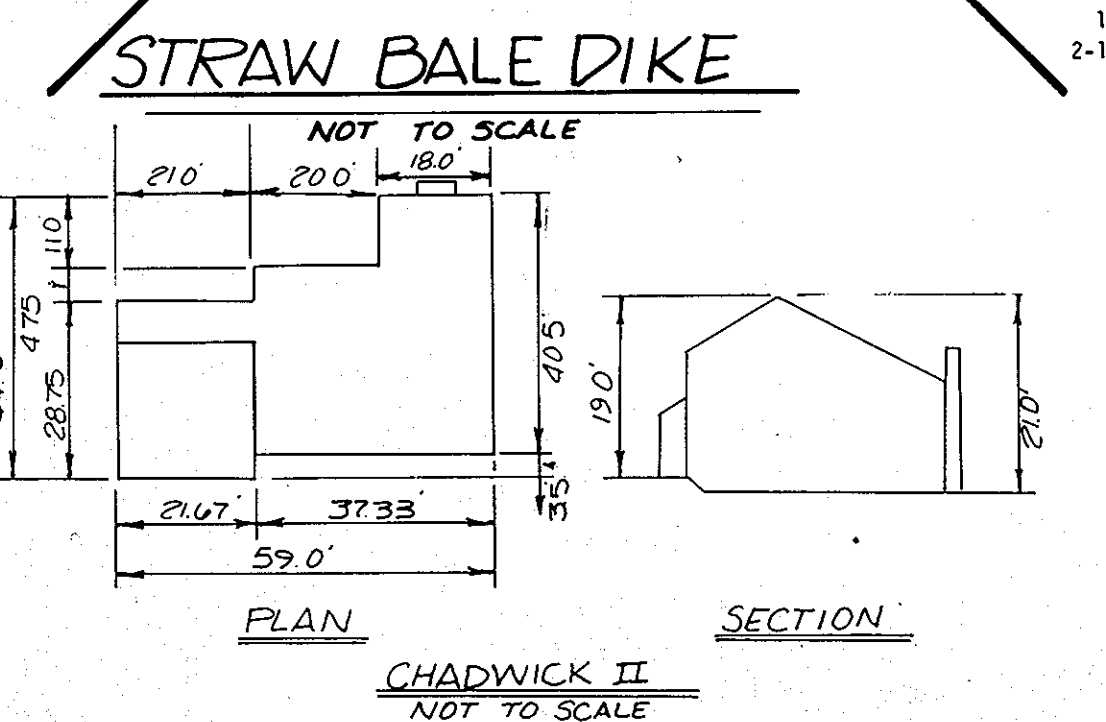
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL PROVIDED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OF 2" HORIZONTAL
 FENCE: WOVEN WIRE, 1/4" GA. 6" MAX. PESH OPENING
 FILTER CLOTH: FILTER X, 100% STABILIZED LINA 11/4" OR APPROVED EQUAL
 PREPARED UNITS: GEOTEX, EROSION CONTROL, OR APPROVED EQUAL

SILT FENCE
NOT TO SCALE

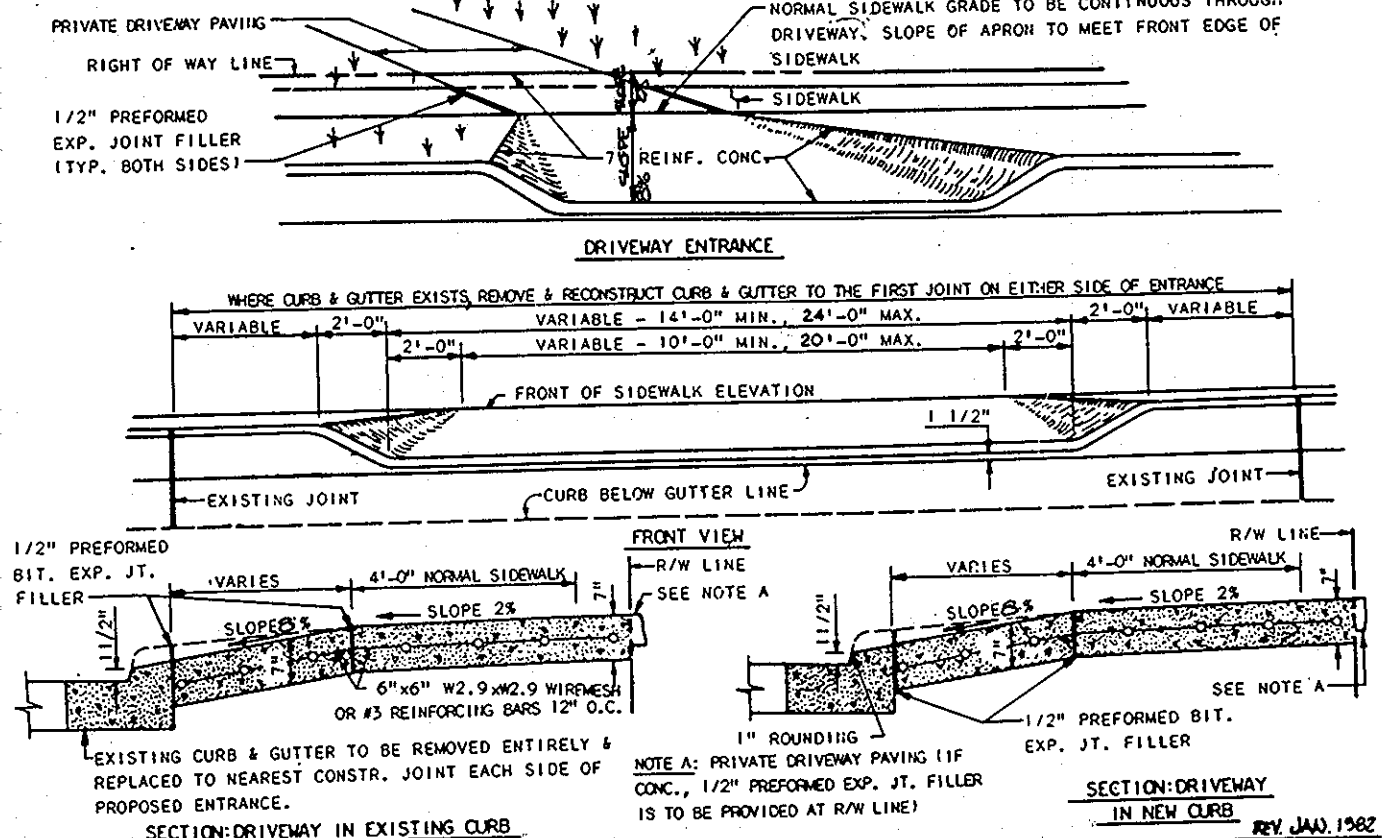


1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH GAPS TIGHTLY ADJUTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL. A MINIMUM OF (6) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN THROUGH THE PREVIOUSLY LAIN BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR INTERFERE WITH FLOW OR DRAINAGE.



- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 2. Length - As required, but not less than 50 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 Cloth - Will 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 diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with six slopes will be permitted.
 7. Maintenance - This 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 cleanout of any measures 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
NOT TO SCALE



RESIDENTIAL DRIVEWAY ENTRANCE
NOT TO SCALE

CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMIT. INSPECT EXISTING SEDIMENT TRAPS AND MAKE ANY NECESSARY REPAIRS OR MAINTENANCE TO THE TRAPS PRIOR TO BEGINNING ANY WORK SHOWN HEREON.
2. CONSTRUCT STONE CONSTRUCTION ENTRANCE FOR LOTS.
3. INSTALL STRAW BALE DIKE OR SILT FENCE ON LOTS AS REQUIRED.
4. CLEAR AND GRUB HOUSE SITES TO SUBGRADE.
5. EXCAVATE FOR FOUNDATIONS AND BEGIN HOUSE CONSTRUCTION.
6. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAPS WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
7. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE OR THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS.
8. THE SEDIMENT TRAP SHALL BE DEWATERED BY PUMPING. THE SEDIMENT FROM THE TRAPS SHALL BE PLACED UP-GRADE FROM THE CLEANOUT ELEVATION HAS BEEN REACHED.
9. REMOVE SEDIMENT FROM HOODWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
10. FINE GRADE LOTS AND STABILIZE. INSTALL DRIVEWAYS AND SIDEWALKS.
11. REMOVE STRAW BALE DIKE OR SILT FENCE AND STABILIZE.
12. AFTER PERMISSION HAS BEEN GIVEN BY SEDIMENT CONTROL INSPECTOR, BACKFILL SEDIMENT TRAPS. STORM DRAIN CONSTRUCTION WILL BE COMPLETED AFTER COMPLETING DRAINAGE AREAS ARE STABILIZED AND TRAPS HAVE BEEN REMOVED. STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT EXISTING MIXTURE AND STRAW MULCH.

NOTE: EXISTING SEDIMENT CONTROL DEVICES ARE TO BE USED

- SEDIMENT CONTROL NOTES**
1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
 2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 3. Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 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. 50) and (Sec. 51) and (Sec. 52), temporary seedings (Sec. 50) and (Sec. 51). Temporary stabilization with mulch alone 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	17.48 Acres
Area Disturbed	5.53 Acres
Area to be roofed or paved	1.65 Acres
Area to be vegetatively stabilized	10.30 Acres
Total Cut	6,100 Cu. Yds
Total Fill	2,200 Cu. Yds
Offsite waste/borrow area location	4,500
 8. Any sediment control practice which is disturbed by grading activity 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 DPM 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 building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

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 square ft) and 600 lbs per acre 10-10-10 fertilizer (1/4 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. 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 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 unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 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 mulch.

Maintenance - Inspect all seeded 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.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: Apply 60 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 15, seed with 25 bushel per acre of annual rye (3.2 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, or use sod.

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 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 rate and methods not covered.



OWNER AND DEVELOPER
 WINCHESTER HOMES INC
 6305 IVY LANE
 SUITE 700
 GREENBELT, MD 20770
 1-301-220-1117

SITE DEVELOPMENT PLAN
McKENZIE'S DISCOVERY
 SECTION TWO, LOTS: 32-54
 2ND ELECTION DIST. HOWARD CO., MD.

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-16-87
 Signature: [Signature]

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.
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 Signature: [Signature] DATE: 8/26/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 Signature: [Signature] DATE: 9-1-87
 U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Signature: [Signature] DATE: 9/1/87
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
 Signature: [Signature] DATE: 9-25-87
 PLANNING DIRECTOR
 Signature: [Signature] DATE: 9-15-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 Signature: [Signature] DATE: 9/16/87
 DIRECTOR, PUBLIC WORKS
 Signature: [Signature] DATE: 9-8-87
 CHIEF, BUREAU OF ENGINEERING
 SUBDIVISION: MCKENZIE'S DISCOVERY SECTION/AREA TWO LOT NOS. 32-54
 PLAT NOS. 7336-7342 BLOCK NO. 9 TAX ZONE 17 ELEC. DIST. 2ND CENSUS TR. G021
 WATER CODE 403 SEWER CODE 5758000

JOHN E. HARMS JR. AND ASSOCIATES INC.
 CONSULTING ENGINEERS - ARCHITECTS - SURVEYORS
 9030 RED BRANCH ROAD SUITE 100 COLUMBIA, MARYLAND 21045 TELEPHONE (301) 740-5200
 DESIGNED BY: J.C.S.
 DRAWN BY: P.O.C./P.C.T.
 CHECKED BY: P.J.
 DATE: 8/26/87
 SCALE: 1" = 30'
 W.O. NO. 24-86-002E 3 SHEET OF 3
 SDP 87-205