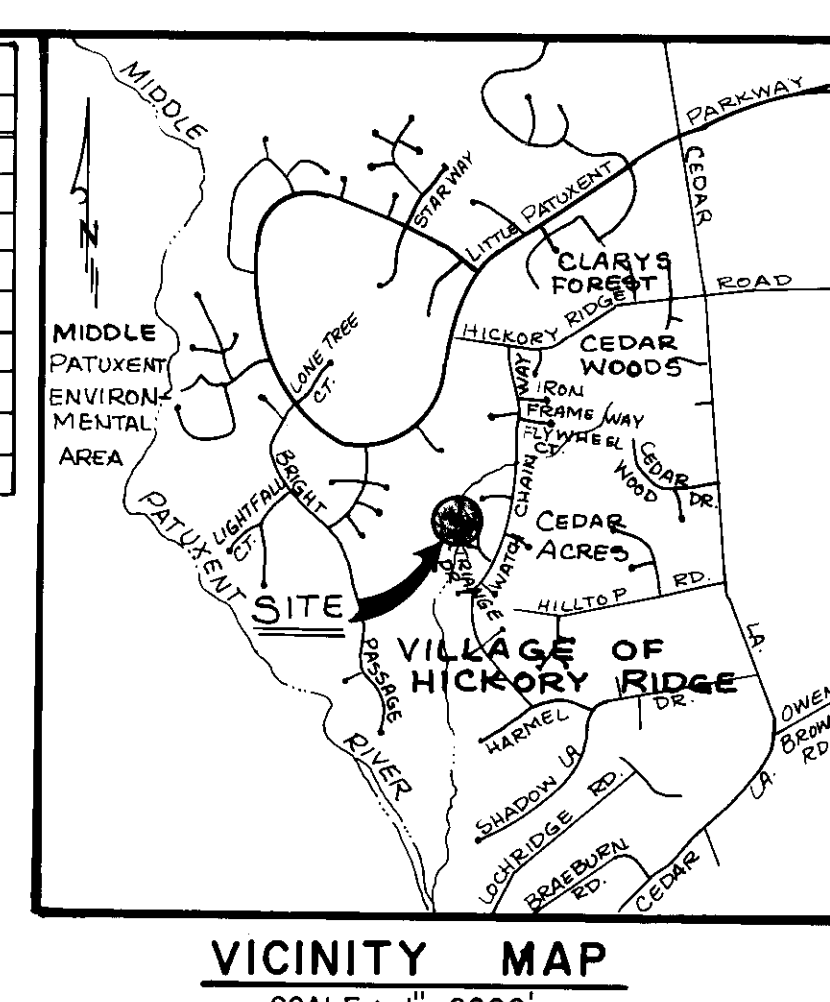


POINT NO.	NORTHING	EASTING	DESCRIPTION
725	499,306.81	829,925.40	C.BEG.PATHWAY @ R.
726	499,306.89	829,913.86	C.PATHWAY P.C.
729	499,316.18	829,879.45	C.PATHWAY P.R.C.
731	499,318.68	829,849.97	C.PATHWAY P.C.
733	499,313.52	829,835.89	C.PATHWAY P.C.
737	499,323.73	829,801.07	C.PATHWAY P.T.
738	499,405.05	829,739.49	C.PATHWAY P.C.
740	499,442.79	829,733.76	C.PATHWAY P.T.
745	499,470.54	829,743.78	C.PATHWAY P.C.
746	499,484.97	829,741.42	C.PATHWAY P.T.
743	499,493.18	829,734.90	C.PATHWAY P.C.
741	499,501.89	829,745.86	C.PATHWAY P.C.
753	499,448.04	829,678.06	C.PATHWAY P.C.
754	499,328.53	829,653.74	C.PATHWAY P.T.
778	499,319.03	829,665.86	C.PATHWAY P.C.
755	499,272.86	829,674.67	C.PATHWAY P.C.
783	499,257.34	829,685.63	C.PATHWAY P.R.C.
785	499,246.86	829,694.99	C.PATHWAY P.T.
786	499,188.40	829,721.02	C.PATHWAY @ TOT LOT
787	499,189.62	829,723.76	COR.TOT LOT @ ED.PATH.
789	499,193.68	829,732.90	COR.TOT LOT

CURVE	RADIUS	DELTA	TANGENT	ARC	CHD. LGTH.	CHD. BEARING
A	70.00'	29°30'00"	18.43'	36.04'	35.64'	N74°53'41" W
B	35.00'	50°00'00"	16.32'	30.54'	29.58'	N85°08'38" W
C	30.50'	73°00'00"	22.57'	38.86'	36.28'	N73°38'29" W
D	40.00'	57°00'00"	21.72'	39.79'	38.17'	N08°38'18" W
E	15.00'	58°18'55"	8.37'	15.27'	14.62'	N09°17'46" W
F	67.50'	62°21'17"	40.84'	73.46'	69.89'	S20°22'09" W
G	23.00'	48°47'32"	10.43'	19.59'	19.00'	S35°12'16" E
H	23.00'	35°36'02"	7.38'	14.29'	14.06'	S41°48'01" E

POINT NO.	NORTHING	EASTING	DESCRIPTION
790	499,188.20	829,735.34	COR.TOT LOT
791	499,193.08	829,746.30	COR.TOT LOT
792	499,158.37	829,761.76	COR.TOT LOT
793	499,150.23	829,743.49	COR.TOT LOT
794	499,155.71	829,741.05	COR.TOT LOT
795	499,152.46	829,733.74	COR.TOT LOT
788	499,187.18	829,718.28	ED.PATHWAY



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR: [Signature] DATE: 3/6/91
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 3/3/91
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 DIRECTOR: [Signature] DATE: 3/18/91
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: [Signature] DATE: 3/15/91
 APPROVED: NO FACILITIES REQUIRED HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER: [Signature] DATE: 3-13-91

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE CIVIL ENGINEER MAY CAUSE THE WORK TO BE UNACCEPTABLE.
- ADJUSTMENTS TO THE SEQUENCE OF CONSTRUCTION ON SHEET 2 OF 2 SHALL BE APPROVED BY THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS PRIOR TO SUCH ADJUSTMENTS.
- CONTRACTOR IS TO REFER TO ARCHITECTS PLANS FOR SPECIFIC BUILDING AND SUPPORT FACILITY FEATURES PRIOR TO AND DURING CONSTRUCTION.
- APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR TO ALSO COMPLY WITH SEDIMENT CONTROL NOTES AS DOCUMENTED ON SHEET 2 OF 2.
- THERE MAY BE ADDITIONAL UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR LOCATIONS SHOWN AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF CONSTRUCTION AND NOTIFY THE ENGINEER.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS:
 MISS UTILITIES COMPANY (301) 234-5691
 BALTIMORE GAS & ELECTRIC COMPANY (301) 257-7777
 C & P TELEPHONE COMPANY (301) 393-3648
- IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM SUCH WORK.
- THE CONTRACTOR SHALL OBTAIN THE NECESSARY BUILDING PERMITS FOR CONSTRUCTION.
- ALL UTILITIES ARE TO BE RETAINED UNLESS MARKED OTHERWISE AND APPURTENANCES ARE TO BE ADJUSTED TO FINISHED GRADE.
- THE CONTRACTOR SHALL REPAIR AND MAINTAIN EXISTING SEDIMENT CONTROL DEVICES UNTIL ALL AREAS WITHIN THE LIMIT OF CONSTRUCTION ARE STABILIZED. AT THAT POINT, ALL SEDIMENT CONTROL DEVICES SHALL BE REMOVED AND AREAS RESTORED AND STABILIZED.
- THE MEASURES REQUIRED IN THE APPROVED SEDIMENT CONTROL PLAN SHALL APPLY AS IF SHOWN ON THIS PLAN.
- THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 992-2417 OR 992-2418.
- TOPO TAKEN FROM A SURVEY BY THE RBA GROUP, DATED FEB, 1990
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES, STORMWATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORMWATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THIS PLAN. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENT, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR GRADING AND/OR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.
- PRIOR TO START OF ANY CONSTRUCTION, CONTRACTOR SHALL STAKEOUT ALL CONSTRUCTION AND VERIFY ALL OFFSETS, SETBACKS, EXISTING UTILITY LOCATIONS (HORIZONTAL AND VERTICAL) AND DIMENSIONS.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL USE DIMENSIONS SHOWN. SCALING OF THESE PLANS IS DISCOURAGED UNLESS DIRECTED BY CIVIL ENGINEER.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- THE DEVELOPER MUST REQUEST THAT THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS APPROVE WORK COMPLETED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, THE GRADING OR BUILDING PERMIT, AND THE ORDINANCE.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS SHALL BE REQUIRED ON 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 THE INITIAL INSPECTION APPROVALS BY THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS IS GIVEN.
- APPROVAL SHALL BE REQUESTED ON FINAL STABILIZATION OF ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES BEFORE REMOVAL OF CONTROLS.

APPROVED: [Signature]
 DATE: 12-18-90

RESPONSIBLE PERSONNEL CERTIFICATION
 "I HEREBY CERTIFY THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE FROM A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."
 SIGNATURE OF DEVELOPER: [Signature] DATE: 10/21/90
 DENNIS A. ELLIS

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."
 SIGNATURE OF ENGINEER: [Signature] DATE: 1-15-91
 JOHN M. CHRISTMAN, P.E.

CERTIFICATION BY THE DEVELOPER
 "I CERTIFY THAT ALL DEVELOPMENT AND OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY."
 SIGNATURE OF DEVELOPER: [Signature] DATE: 10/15/90
 DENNIS A. ELLIS

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: [Signature] DATE: 1/22/91
 HOWARD S.C.D.
 REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
 APPROVED: [Signature] DATE: 1-23-91
 SOIL CONSERVATION SERVICE

revisions
 no. 1 description: REVISED PER HOWARD COUNTY COMMENTS. DATE: 12/14/90
 no. 2 description: REVISED AS PER HOWARD COUNTY COMMENTS. DATE: 3/4/91
 prepared by: [Signature]
 RBA ENGINEERS + ARCHITECTS + PLANNERS
 5560 STERRETT PLACE, SUITE 300
 COLUMBIA, MARYLAND 21044
 301 / 730-7950 621-6050

SITE LAYOUT SHEET
 VILLAGE OF HICKORY RIDGE
 TRIANGLE DRIVE LOT 66
 TOT LOT AND PATHWAY
 HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN
 DRAWN: T.R. CHECKED: L.D.T.
 PROJ. NO.: 9179 DATE: MAR., 1990
 SHEET: 1 OF 2

SEDIMENT CONTROL NOTES

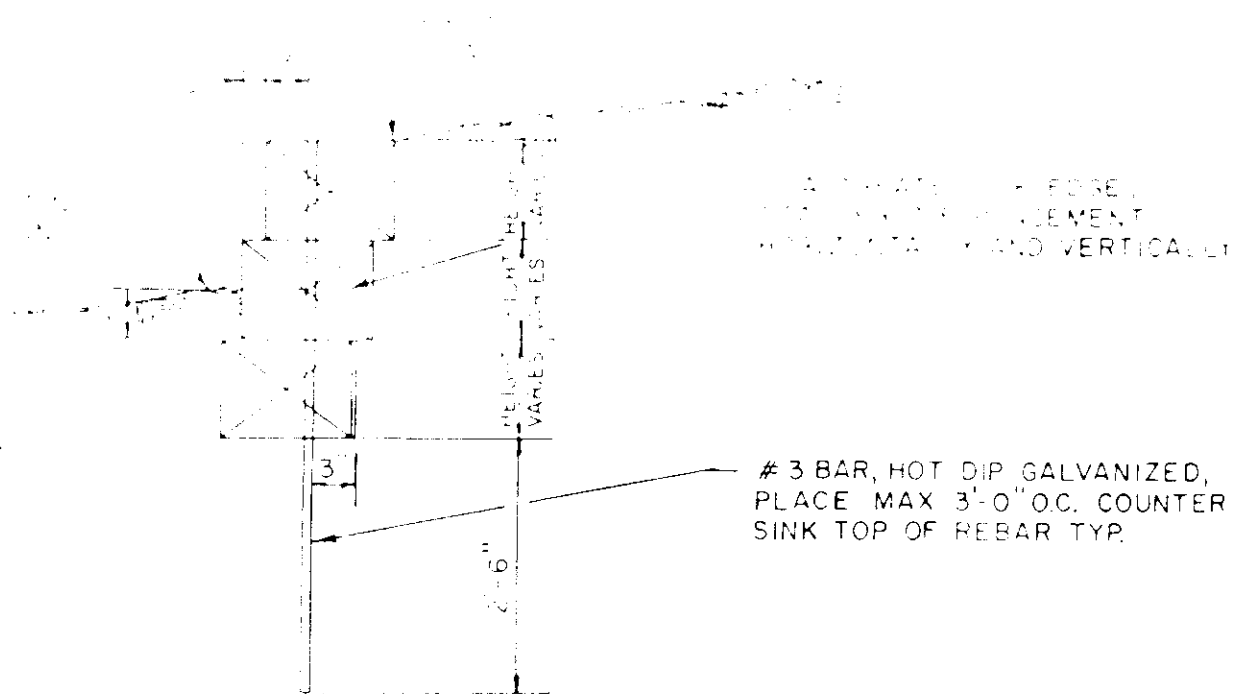
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY SOIL CONSERVATION DISTRICT PRIOR TO THE START OF ANY CONSTRUCTION. (242-411)
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS TO THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING THE INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETE WITHIN: A) SEVEN (7) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND B) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 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. 51), SOO (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 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.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED IF DEEMED NECESSARY BY THE HOWARD COUNTY DEPT. OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR.
- REFER TO 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR THE SOIL EROSION AND SEDIMENT CONTROL FOR DETAILED AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN.
- WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, MINOR FIELD ADJUSTMENTS CAN AND WILL BE MADE TO INSURE THE CONTROL OF ANY SEDIMENT. CHANGES IN SEDIMENT CONTROL PRACTICES REQUIRE PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
- ANY CHANGE TO THE GRADING PROPOSED ON THIS PLAN REQUIRES THE SUBMISSION TO HOWARD COUNTY SOIL CONSERVATION DISTRICT FOR APPROVAL.
- DUST CONTROL WILL BE PROVIDED FOR ALL DISTURBED AREAS REFER TO 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PP. 62.01 OR 62.02 FOR ACCEPTABLE METHODS AND SPECIFICATIONS FOR DUST CONTROL.
- ANY VARIATION FROM THE SEQUENCE OF OPERATIONS STATED ON THIS PLAN REQUIRES THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE HOWARD COUNTY SOIL CONSERVATION DISTRICT PRIOR TO THE INITIATION OF THE CHANGE.
- ANY DISTURBED EARTH LEFT IDLE FOR PERIODS EXCEEDING 30 DAYS SHALL BE STABILIZED ACCORDING TO TEMPORARY STABILIZATION SPECIFICATIONS.
- AT THE END OF EACH WORKING DAY ALL SEDIMENT CONTROL PRACTICE WILL BE INSPECTED AND LEFT IN OPERATIONAL CONDITION.
- THE SEDIMENT CONTROL APPROVALS ON THIS PLAN EXTEND ONLY TO AREAS AND PRACTICES IDENTIFIED AS PROPOSED WORK.
- THE APPROVAL OF THE PLAN FOR SEDIMENT AND EROSION CONTROL DOES NOT RELIEVE THE DEVELOPER/CONSULTANT FROM COMPLYING WITH ANY FEDERAL/STATE/COUNTY REQUIREMENTS APPERTAINING TO ENVIRONMENTAL ISSUES.
- AT THIS TIME, WE BELIEVE THAT SECTIONS 404 OR 401 OF THE CLEAN WATER ACT DO NOT EFFECT OUR SITE.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS, AND/OR RIGHTS-OF-WAYS THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES, STORMWATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORMWATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THIS PLAN. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAYS THAT MAY BE REQUIRED FOR GRADING AND/OR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.

TEMPORARY AND PERMANENT SEEDING NOTES

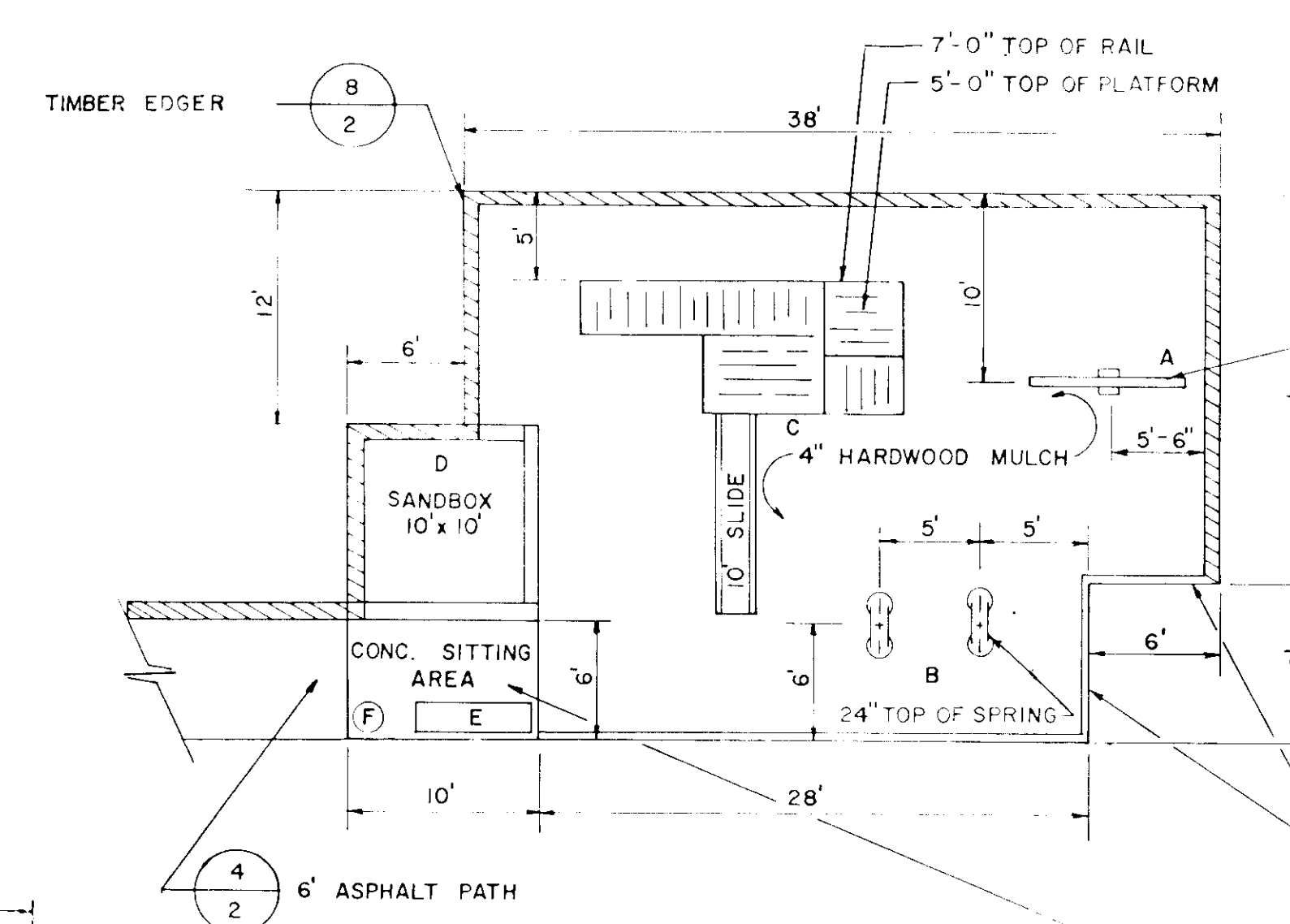
- TEMPORARY SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED. SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS: APPLY 60 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)
- SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/100 SQ. FT.) FOR THE PERIOD OF MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.7 LBS/1000 SQ. FT.) FOR THE PERIOD OF 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 SOO.
- MULCHING: APPLY 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 ANCHORING. REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.
- 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, IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS: IN LIEU OF SOIL TESTS RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:
- 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. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREA FORM FERTILIZER (9 LBS/1000 SQ. FT.)
 - ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 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 15 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 (0.5 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 SOO. 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 ANCHORING.
- MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

SEQUENCE OF CONSTRUCTION

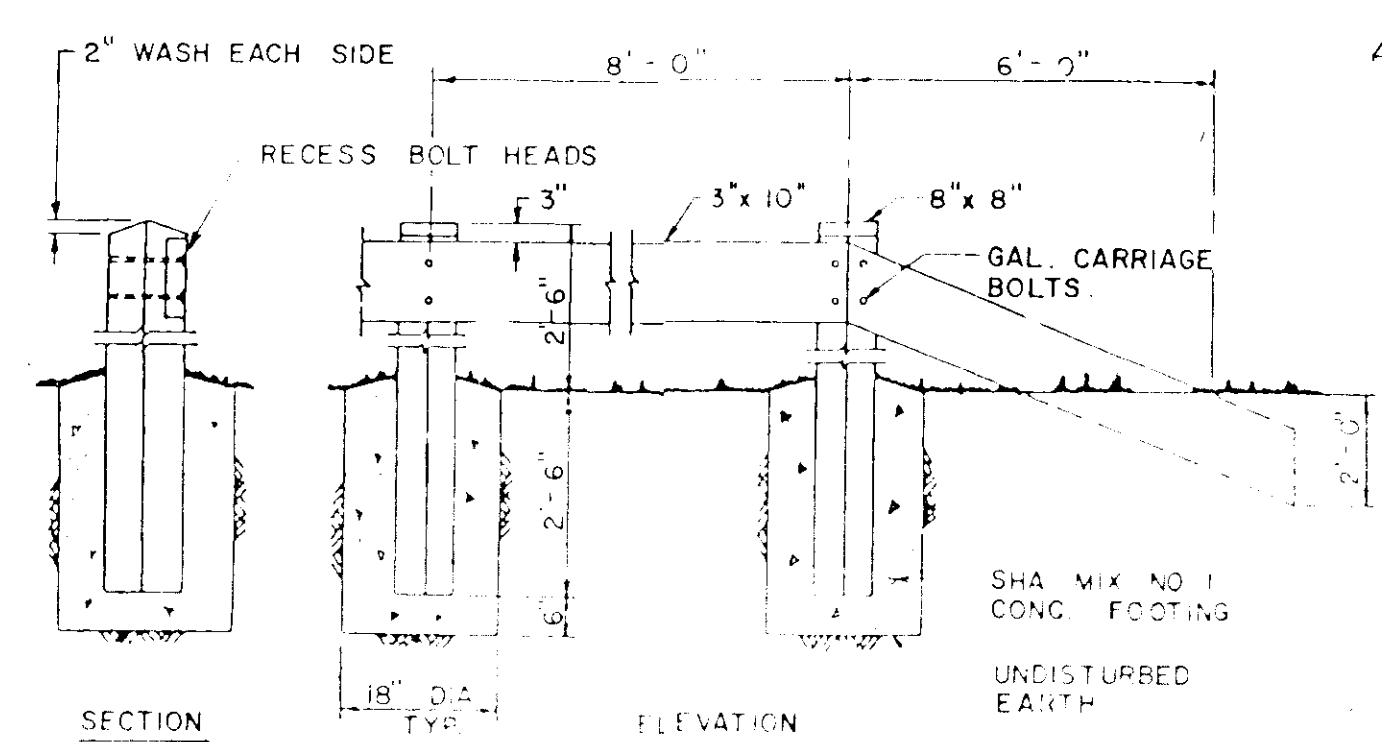
1. WITHIN 24 HOURS OF THE START OF CONSTRUCTION, NOTIFY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND PERMITS.
2. NOTIFY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND PERMITS AT LEAST 24 HOURS BEFORE ANY WORK BEGINS.
3. CLEAR AND GRADE PERIMETER SLOPES WITHIN 7 DAYS.
4. INSTALL STABILIZED CONSTRUCTION ENTRANCES 1 DAY.
5. INSTALL SILT FENCE ALONG THE PATH BETWEEN TO BE CONSTRUCTED. PLACE ON THE DOWNHILL SIDE OF THE PROPOSED PATH IN ACCORDANCE WITH 10:1 O.C. SOIL CONSERVATION DISTRICT GUIDELINES FOR EROSION AND PERMITS AND 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. 2 DAYS.
6. NOTIFY HOWARD COUNTY DEPT. OF PERMITS AND LICENSES SEDIMENT CONTROL DIVISION FOR COMPLETION OF SAID INSTALLATION.
7. ALL PROPOSED PATHWAY LOCATIONS SHALL BE FIELD STAKED AND APPROVED BY THE PROJECT ENGINEER. PATHWAYS SHALL BE STAKED WITH 1/2" IRON RODS IN STREAM CHANNELS WHERE CONSTRUCTION ACTIVITIES LIMIT FLOW. 2 DAYS.
8. WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND PERMITS, ALL PROPOSED PATHWAYS SHALL BE FIELD STAKED AND APPROVED BY THE PROJECT ENGINEER. PATHWAYS SHALL BE STAKED WITH 1/2" IRON RODS IN STREAM CHANNELS WHERE CONSTRUCTION ACTIVITIES LIMIT FLOW. 2 DAYS.
9. GRADE SHALL BE FIELD STAKED AND APPROVED BY THE PROJECT ENGINEER. GRADING SHALL BE FIELD STAKED AND APPROVED BY THE PROJECT ENGINEER. 2 DAYS.
10. MAINTAIN POSITIVE DRAINAGE TO SEDIMENT CONTROL STRUCTURES. NO DRAINAGE SHALL BE EXPOSED 31" SOIL. STABILIZE HORIZONTAL GRADES IMMEDIATELY. 2 DAYS.
11. STABILIZE ALL DISTURBED AREAS IMMEDIATELY WITH MULCH OR PERMITS. 2 DAYS.
12. INSTALL ALL DISTURBED AREAS IMMEDIATELY WITH MULCH OR PERMITS. 2 DAYS.
13. AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL EROSION CONTROL DEVICES AND STABILIZE THOSE AREAS. 1 DAY.



8 TIMBER EDGE DETAIL
NOT TO SCALE

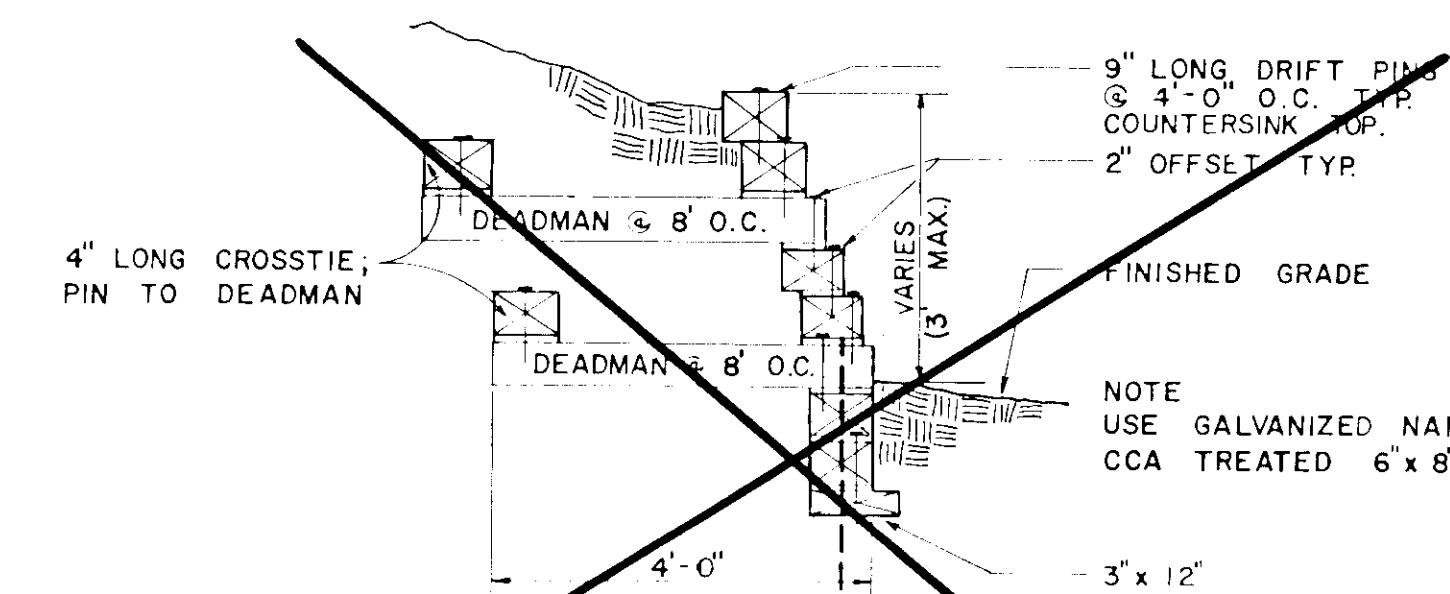


5 TOT LOT LAYOUT PLAN
NOT TO SCALE

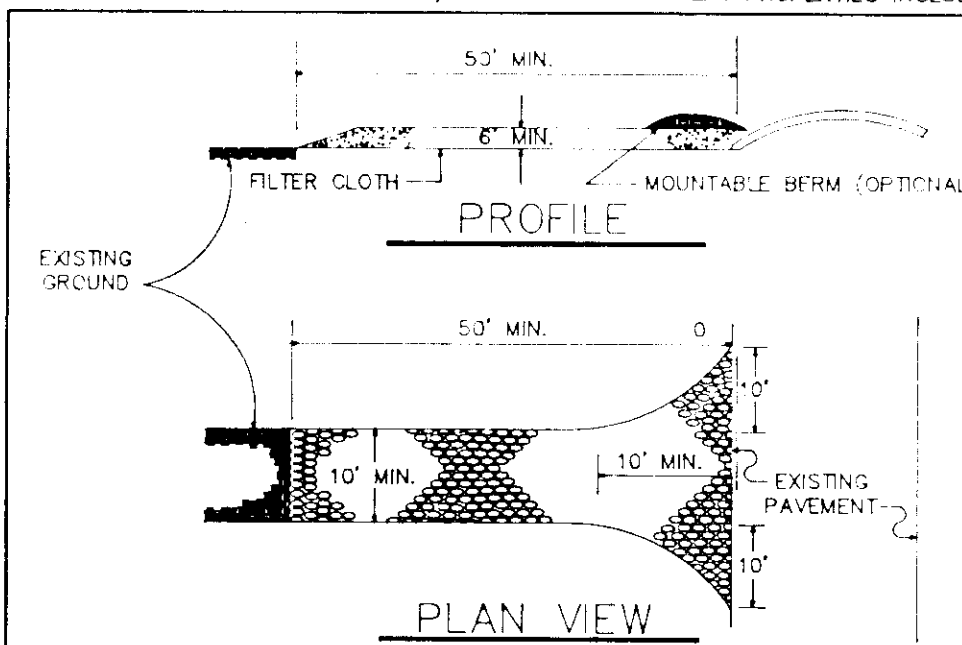


NOTE: ALL TIMBER SHALL BE PRESSURE TREATED CCA, 0.40 RETENTION FOR GROUND CONTACT.

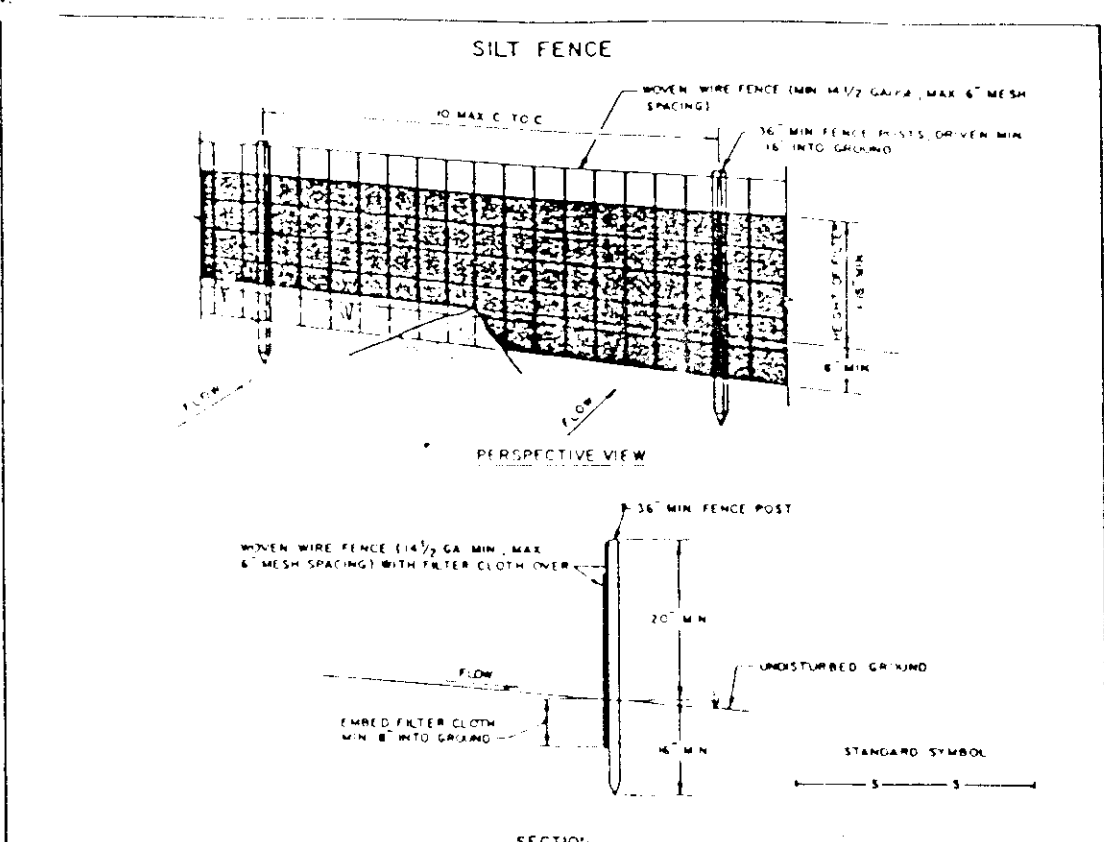
3 TIMBER GUARDRAIL DETAIL
NOT TO SCALE



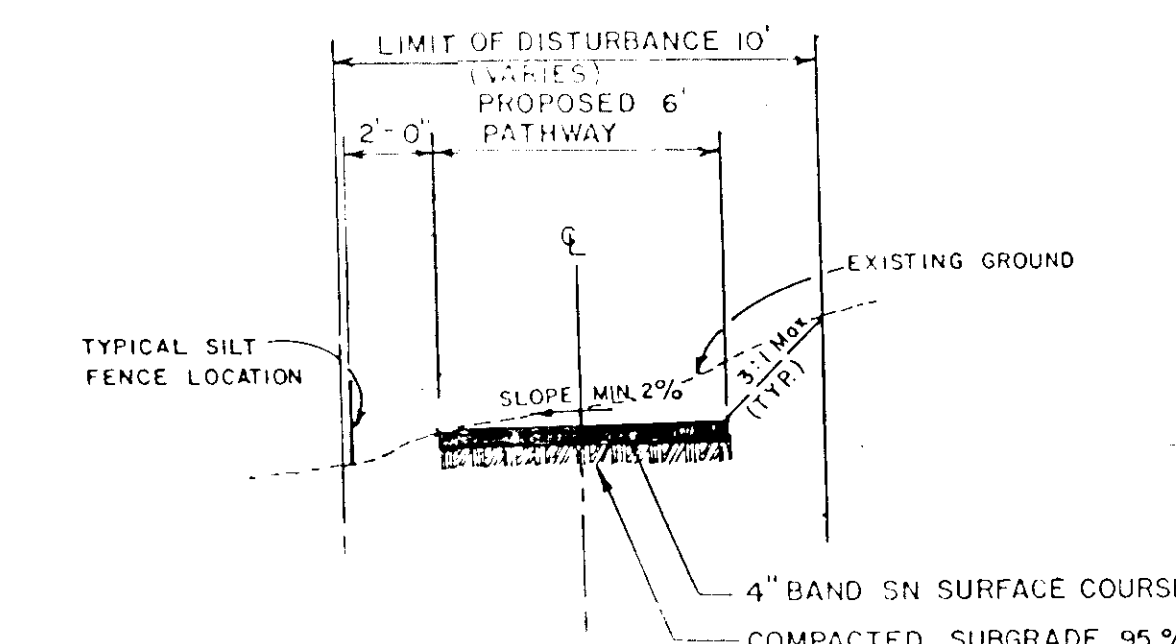
6 TIMBER RETAINING WALL DETAIL
NOT TO SCALE



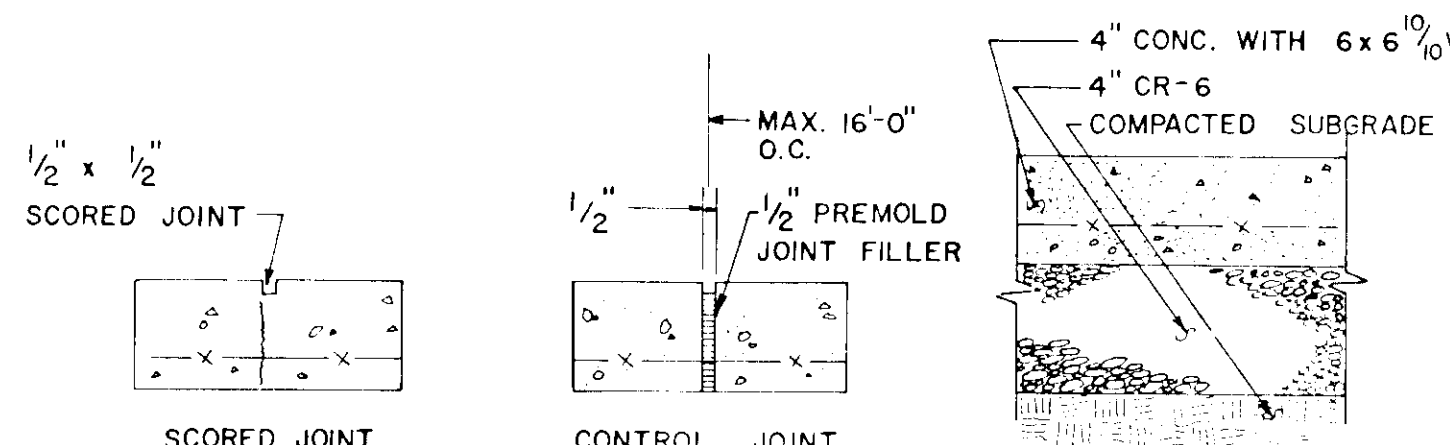
1 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



2 SILT FENCE DETAIL
NOT TO SCALE



4 TYPICAL PATHWAY CROSS SECTION
NOT TO SCALE



7 CONCRETE PAVING DETAIL
NOT TO SCALE

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: James J. ... DATE: 3/6/91
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: ... DATE: 3/15/91
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 APPROVED: NO FACILITIES REQUIRED HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: ... DATE: 3/13/91

APPROVED
 PLANNING DIVISION
 OF HOWARD COUNTY
 DATE: 12-18-90
 ES

- EQUIPMENT**
 (TO BE PROVIDED BY COLUMBIA ASSOCIATION.)
- A. T SWING
 - B. (2) SPRING ANIMALS
 - C. FORT R-3
 - D. SANDBOX
 - E. PERMANENT BENCH
 - F. PERMANENT TRASH CONTAINER

OWNER/DEVELOPER
 COLUMBIA PARK & RECREATION ASSN.
 5829 BANNEKER ROAD
 COLUMBIA, MARYLAND 21044
 (301) 381-0020

ADDRESS CHART	
LOT NO.	STREET ADDRESS
65	6127 TRIANGLE DRIVE

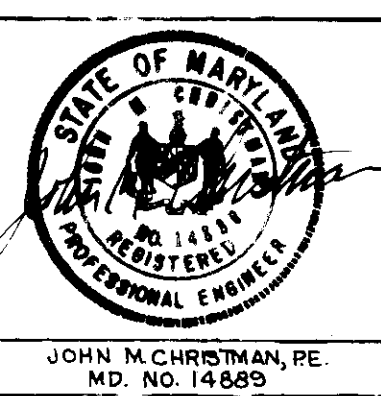
SUBDIVISION NAME	VILLAGE OF HICKORY RIDGE	SECTION/AREA	3/12	LOT/PARCEL	66
PLAT	6846	BLOCK ZONE	10	TAX ZONE	MAP/ELEC DIS
WATER CODE	6846	INT OS	35	5th	TENSIS TR
		SEWER CODE			6053.01

RESPONSIBLE PERSONNEL CERTIFICATION
 I HEREBY CERTIFY THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE FROM A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.
 SIGNATURE OF DEVELOPER: DENNIS A. ELLIS
 DATE: 10/30/90

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 COUNTY CONSERVATION DISTRICT.
 SIGNATURE OF ENGINEER: JOHN M. CHRISTMAN, P.E.
 DATE: 1-15-91

CERTIFICATION BY THE DEVELOPER
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY.
 SIGNATURE OF DEVELOPER: DENNIS A. ELLIS
 DATE: 10-31-90

THIS DEVELOPMENT WILL BE SUBJECT TO SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.
 APPROVED: John R. Robertson
 DATE: 1/23/91
 REVIEWED: ...
 DATE: 1-23-91



revisions:
 1. description: REVISED AS PER HOWARD COUNTY COMMENTS. DATE: 12/14/90.
 2. description: REVISED AS PER HOWARD COUNTY COMMENTS. DATE: 3/4/91.
 prepared by: RBA
 5560 STERRETT PLACE, SUITE 300
 COLUMBIA, MARYLAND 21044
 301 / 730-7950 621-6050

SITE DETAIL SHEET

SCALE	AS SHOWN
DRAWN	CHECKED
T. R.	L. D. T.
PROJ. NO. 9179	DATE MAR 1990
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SHEET	OF