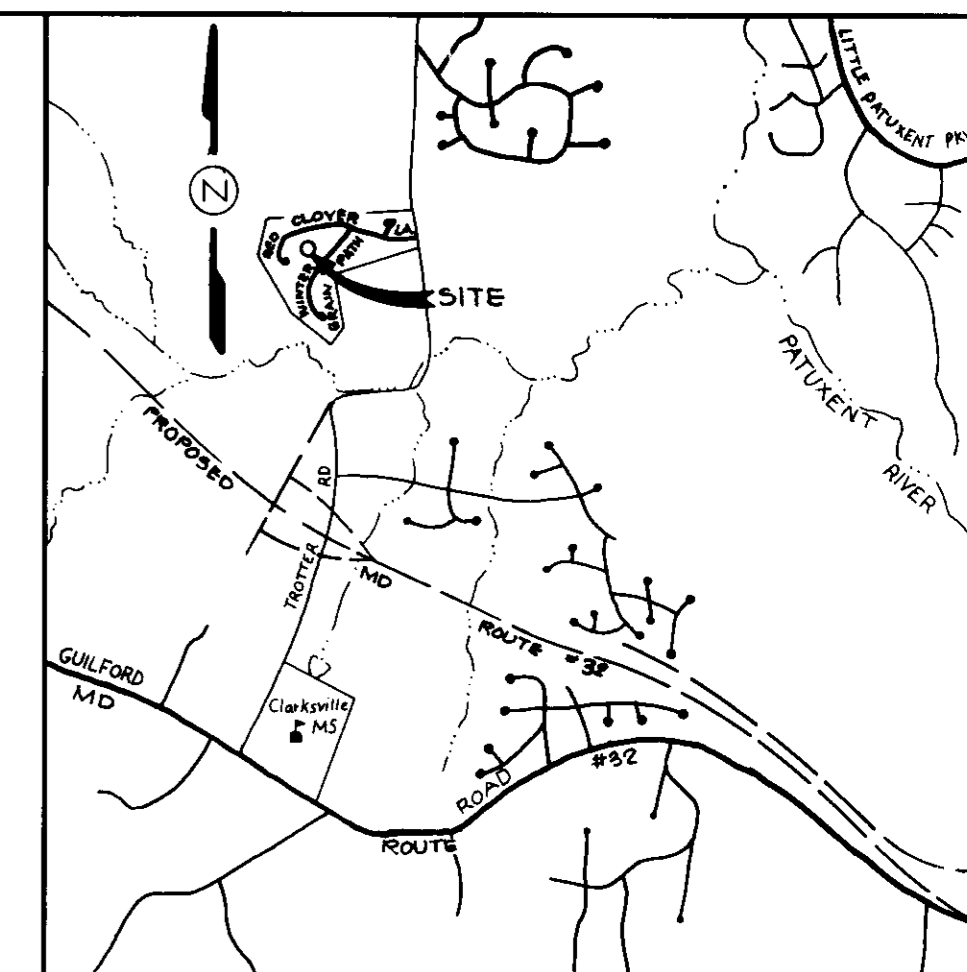


GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION AS AMENDED IN JANUARY 1989.
- 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 SHALL BE APPROVED BY THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS AND PERMITS PRIOR TO SUCH ADJUSTMENTS.
- 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 3.
- THERE MAY BE ADDITIONAL UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR LOCATIONS NOT 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 UTILITY" (800) 257-7777
 BALTIMORE GAS & ELECTRIC COMPANY (410) 234-5661
 CEP TELEPHONE (410) 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 ARE STABILIZED. AT THAT POINT, ALL SEDIMENT CONTROL DEVICES SHALL BE REMOVED AND AREAS RESTORED AND STABILIZED.
- THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION/INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 313-8830.
- TOPO TAKEN FROM A SURVEY BY MILLER AND ASS. DATED 6/94.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES, AS PER PLAT NO'S 1030G THRU 1037G.
- PRIOR TO START OF ANY CONSTRUCTION, CONTRACTOR SHALL STAKE-OUT ALL CONSTRUCTION AND VERIFY ALL OFFSETS, SETBACKS, EXISTING UTILITY LOCATIONS (HORIZONTAL AND VERTICAL) AND DIMENSIONS.
- 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.
- 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.
- ANY DAMAGE TO COUNTY RIGHTS-OF-WAY AND PAVING OF PUBLIC ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH THE HOWARD COUNTY SPECIFICATIONS AND STANDARDS.
- ALL FILL SHALL BE ROLLED TO A MINIMUM DEGREE OF COMPACTION OF 95% OF THE DRY UNIT WEIGHT AS DETERMINED BY ASTM D-698.
- ALL CONCRETE FOR SITE WORK SHALL BE CLASS 2 CONCRETE AND SHALL BE IN ACCORDANCE WITH THE MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS AS AMENDED TO DATE.
- STRUCTURES NOTED FOR REMOVAL SHALL BE REMOVED ENTIRELY AND COMPLETELY. REMOVAL OF UTILITIES OR MATERIALS THAT ARE BELOW GRADE SHALL HAVE THE SURFACE ABOVE RESTORED TO MATCH ADJACENT GRADES.
- DEMARCATHE THE LIMIT OF DISTURBANCE AREA ON THE SITE WITH A CONSTRUCTION FENCE PRIOR TO ANY CLEARING AND GRADING ACTIVITY FOR THE TOTLOT CONSTRUCTION.
- STORMWATER MANAGEMENT FOR THIS SITE WAS PROVIDED UNDER ORIGINAL SUBDIVISION PLANS IE: F-92-07.
- MAINTENANCE OF THE TOT LOTS WILL BE THE RESPONSIBILITY OF THE COLUMBIA ASSOCIATION, THE OWNER.
- ALL TREES 12 INCHES IN DIAMETER AND LARGER ARE NOT TO BE DISTURBED.
- THE FOLLOWING DEPARTMENT OF PLANNING AND ZONING FILE NUMBERS SHALL APPLY FDP PHASE 214, F-92-07 AND WP 95-105; MD DNR #199514615.
- THE LIMIT OF DISTURBANCE/CONSTRUCTION TO BE LIMITED TO A 10' WIDE STRIP, 5' EITHER SIDE OF THE PATHWAY CENTERLINE.
- PATHWAY USE RESTRICTIONS: MOTOR VEHICLES ARE PROHIBITED FROM USING THE C.A. PATHWAYS. IN THE EVENT THAT A MOTOR VEHICLE IS OBSERVED ON A PATHWAY, THE HOWARD COUNTY POLICE WILL BE NOTIFIED.

VILLAGE OF RIVER HILL PHEASANT RIDGE TOT LOT AND PATHWAY CONNECTOR



VICINITY MAP
SCALE: 1" = 2000'



LOCATION MAP
SCALE: 1" = 600'

LEGEND

- LIMIT OF DISTURBANCE 308
- CONSTRUCTION FENCE/TREE PROTECTION FENCE 308
- EXISTING CONTOUR 308
- PROPOSED CONTOUR 308
- SILT FENCE 308
- EXISTING TREES (TREES 12' AND LARGER TO REMAIN) 12' TO REMAIN
- PROPOSED CONCRETE PAVING [Symbol]

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 14 August 1996

ADDRESS CHART	
LOT No.	STREET ADDRESS
OS LOT 52	WINTER GRAIN PATH
SUBDIVISION NAME: VILLAGE OF RIVER HILL	
SECT./AREA: 1/4	PARCEL: P/O 22
PLAT: 1030G	BLOCK: N/A ZONE: NT TAX/ZONE: MAP 35 ELEC. DIST.: 5th CENSUS TR.: 6055
WATER CODE: N/A	SEWER CODE: N/A

BENCH MARK DESCRIPTION
 B.M. # 0+00 ELEV. 397.110
 PK NAIL IN MACADAM IN TROTTER ROAD 5.9'
 FROM EDGE OF ROAD 53.7' SOUTH OF BG&E
 POLE #237549
 B.M. # 1103 ELEV. 408.216
 IRON PIPE 42" FROM EDGE OF TROTTER ROAD
 NEAR NORTHEAST CORNER OF PROPERTY 34.6'
 WEST OF BG&E POLE #170217

3/16/95

 JOHN R. HEINRICHS
 Professional Engr. No. 14920

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
John J. Warfield 9/3/96
 U.S. SOIL CONSERVATION SERVICE DATE

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 SOIL CONSERVATION DISTRICT."
John R. Heinrichs 3/16/96
 ENGINEER: JOHN R. HEINRICHS DATE

BY THE DEVELOPER:
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND 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."
Denis Ellis 3-17-95
 DEVELOPER: DENIS ELLIS
 COLUMBIA ASSOCIATION DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
John R. Robinson 9/3/96
 HOWARD S.C.D. DATE

APPROVED FOR PUBLIC WATER AND FOR PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR _____ DATE _____
 CHIEF, BUREAU OF ENGINEERING _____ DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
John R. Robinson 9/11/96
 CHIEF, DEVELOPMENT ENGINEERING DIVISION, M.K. DATE
John R. Robinson 9/16/96
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH, J.A. DATE
John R. Robinson 9/17/96
 DIRECTOR DATE

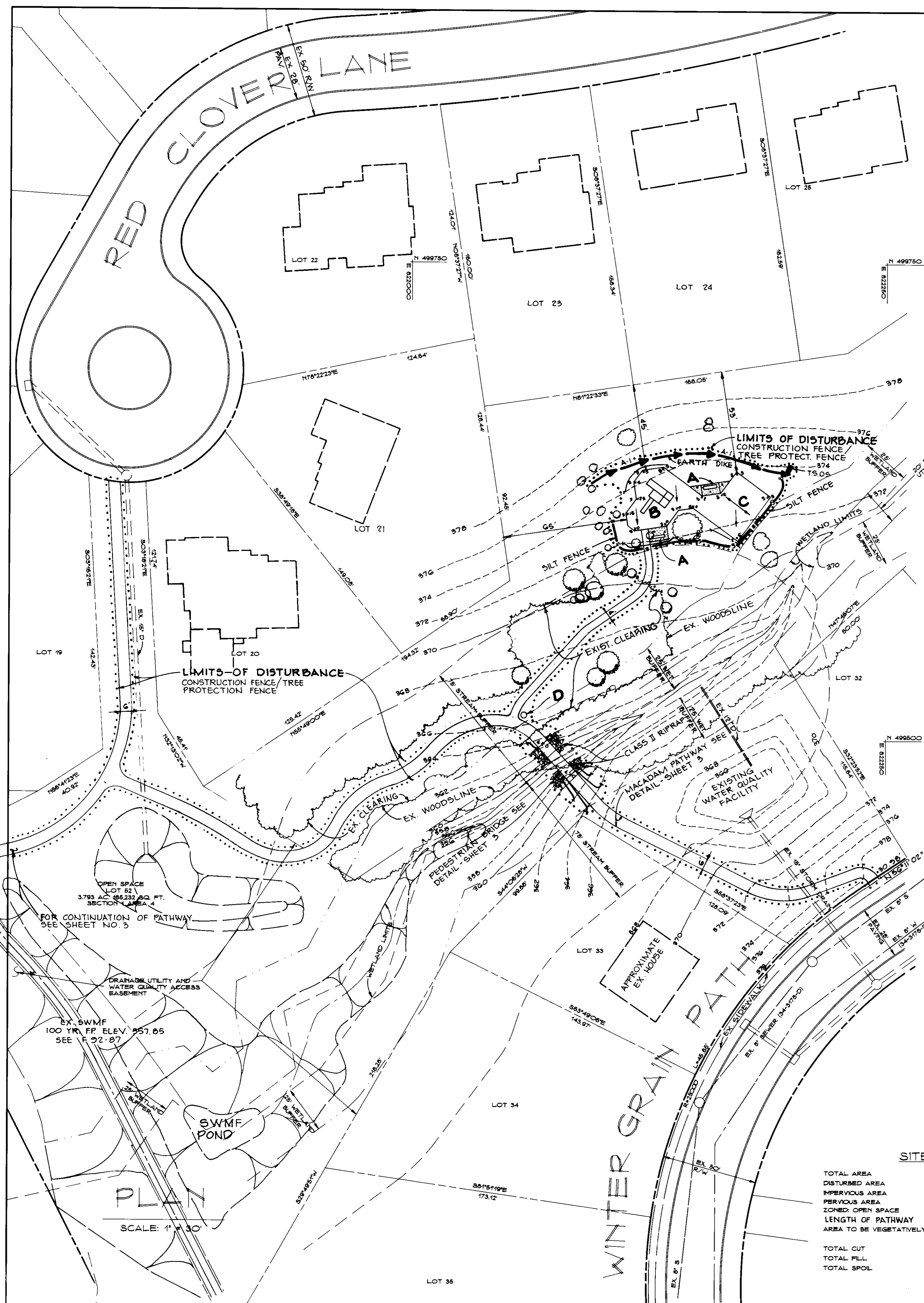
OWNER/DEVELOPER
THE COLUMBIA ASSOCIATION
 ATTN: DENIS ELLIS
 10221 WINCOPIN CIRCLE, SUITE 100
 COLUMBIA, MARYLAND 21044-3410
 (410) 312-6325

PHOENIX ENGINEERING, INC.
 CONSULTING ENGINEERS
 317 BALDWIN CRUISE LANE, SUITE 300
 BALTIMORE, MARYLAND 21220
 (410) 247-8833 FAX 247-8397

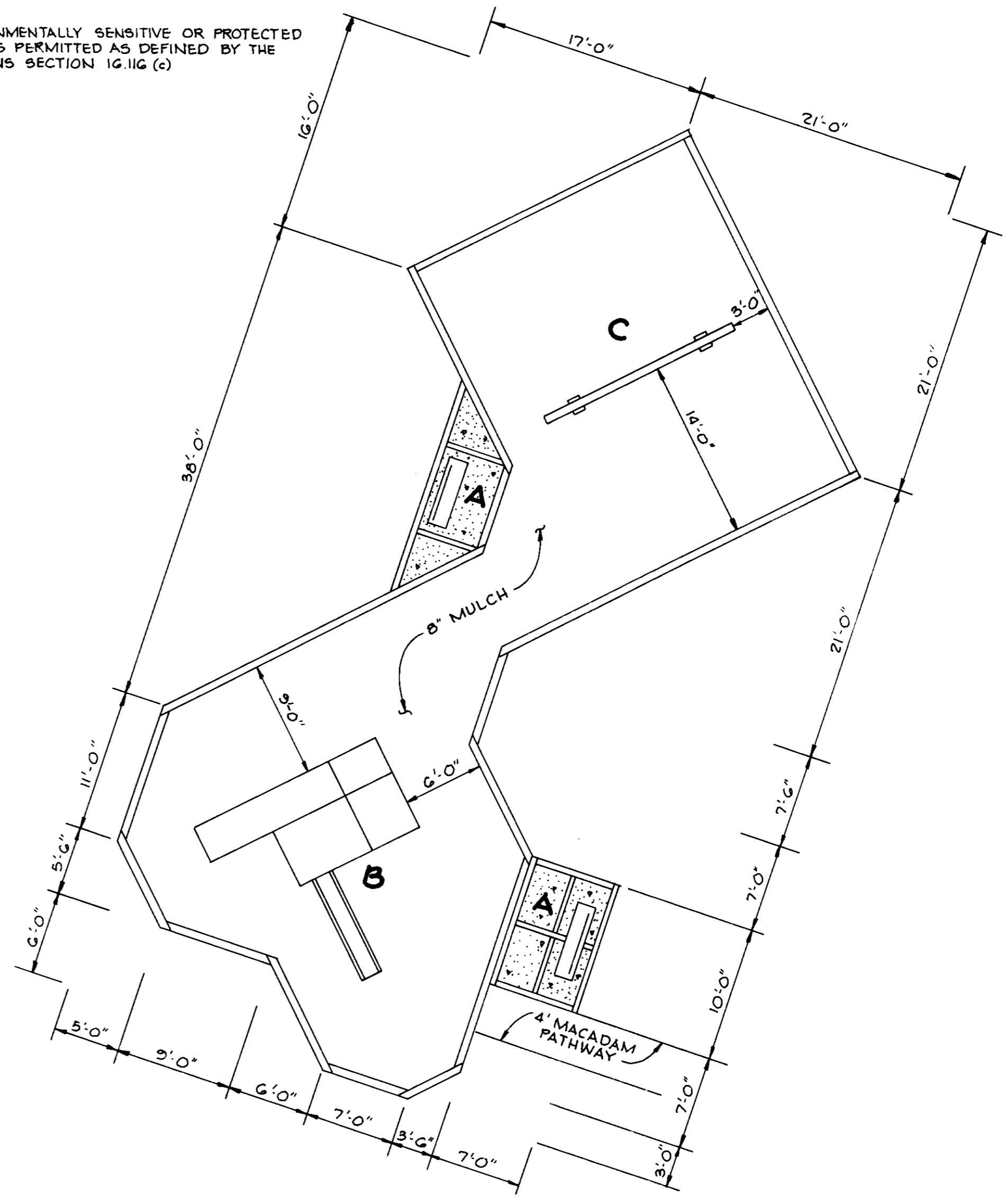
AREA
 COLUMBIA - VILLAGE OF RIVER HILL
 SECTION 1, AREA 4
 OPEN SPACE LOT 52
 5th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND

TITLE
TOT LOT AND PATHWAY CONNECTOR SITE DEVELOPMENT PLAN SEDIMENT CONTROL PLAN
 PREVIOUSLY SOP 95-09

Des By	R.J.W.	Scale	AS SHOWN	Proj No	94-0300 PHT/DC/ENG
Drn By	R.B.A.	Date	MARCH 1996	DRAWING NO	1 OF 3
Chk By	J.R.H.	SOP	95-09-12D		



NOTE: DISTURBANCE OF ENVIRONMENTALLY SENSITIVE OR PROTECTED AREAS FOR A PATHWAY IS PERMITTED AS DEFINED BY THE SUBDIVISION REGULATIONS SECTION 16.116 (c)



PLAN
SCALE: 1/8"=1'-0"

APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE 14 August 1996

SITE ANALYSIS

TOTAL AREA	= 3.793 ACRES	166,232 SQ. FT.
DISTURBED AREA		15,507 SQ. FT.
IMPERVIOUS AREA		7242 SQ. FT.
PERVIOUS AREA		82,995 SQ. FT.
ZONED OPEN SPACE		NT SQ. FT.
LENGTH OF PATHWAY		1160 LF
AREA TO BE VEGETATIVELY STABILIZED		2010 SQ. FT.
TOTAL CUT	= 24 CY	
TOTAL FILL	= 24 CY	
TOTAL SPOIL	= 0 CY	

TOT LOT SITE ANALYSIS(ONLY)

DISTURBED AREA	= 3,780 SQ. FT.
IMPERVIOUS AREA	= 282 SQ. FT. PLAY EQUIPMENT ONLY
PERVIOUS AREA	= 3,498 SQ. FT.
AREA TO BE VEGETATIVELY STABILIZED	= 1,575 SQ. FT.

PROPOSED EQUIPMENT

- A - CONCRETE PAD W/GLIDER BENCH
- B - FORT R-3
- C - 4 SEAT DOUBLE T SWING
- D - TRASH CONTAINER

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

J. S. Washfield 9/3/96
U.S. SOIL CONSERVATION SERVICE DATE

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 SOIL CONSERVATION DISTRICT."

John R. Heinrichs 3/11/95
ENGINEER: JOHN R. HEINRICHS DATE

BY THE DEVELOPER:
"I WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND 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."

Denis Ellis 3-17-95
DEVELOPER: DENIS ELLIS COLUMBIA ASSOCIATION DATE

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

John R. Robertson 9/5/96
HOWARD S.C.D. DATE

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

DIRECTOR _____ DATE _____
BUREAU OF ENGINEERING _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

John R. Heinrichs 9/11/96
CHIEF, DEVELOPMENT ENGINEERING DIVISION M.K. DATE

Richard Blood 9/16/96
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

John R. Heinrichs 9/17/96
DIRECTOR DATE

Date	No	Revision Description

OWNER/DEVELOPER

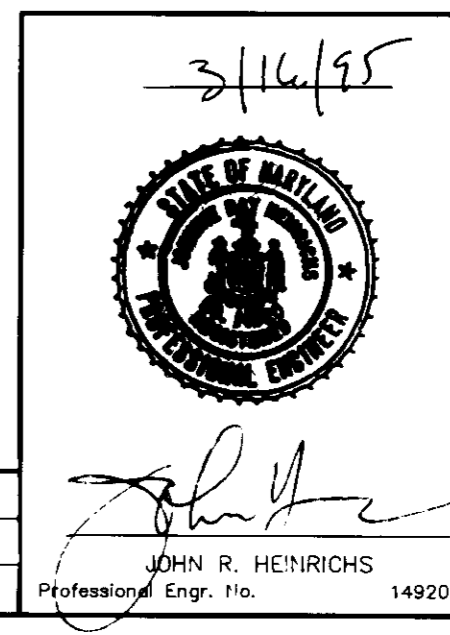
THE COLUMBIA ASSOCIATION
ATTN: DENIS ELLIS
10221 WINCOPIN CIRCLE, SUITE 100
COLUMBIA, MARYLAND 21044-3410
(410) 312-6325

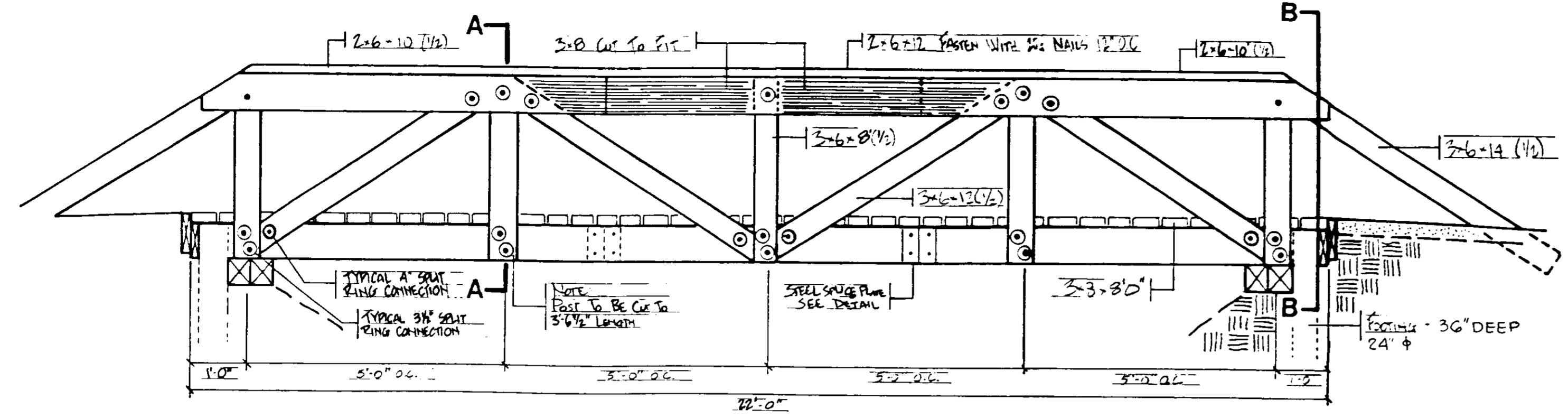
Phoenix Engineering, Inc.
CONSULTING ENGINEERS
817 MARYLAND CHURCH LANE, SUITE 300
BALTIMORE, MARYLAND 21220
(410) 247-8833 FAX 247-8397

AREA COLUMBIA VILLAGE OF RIVER HILL, SECTION 1 AREA 4
OPEN SPACE LOT 52
5th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND

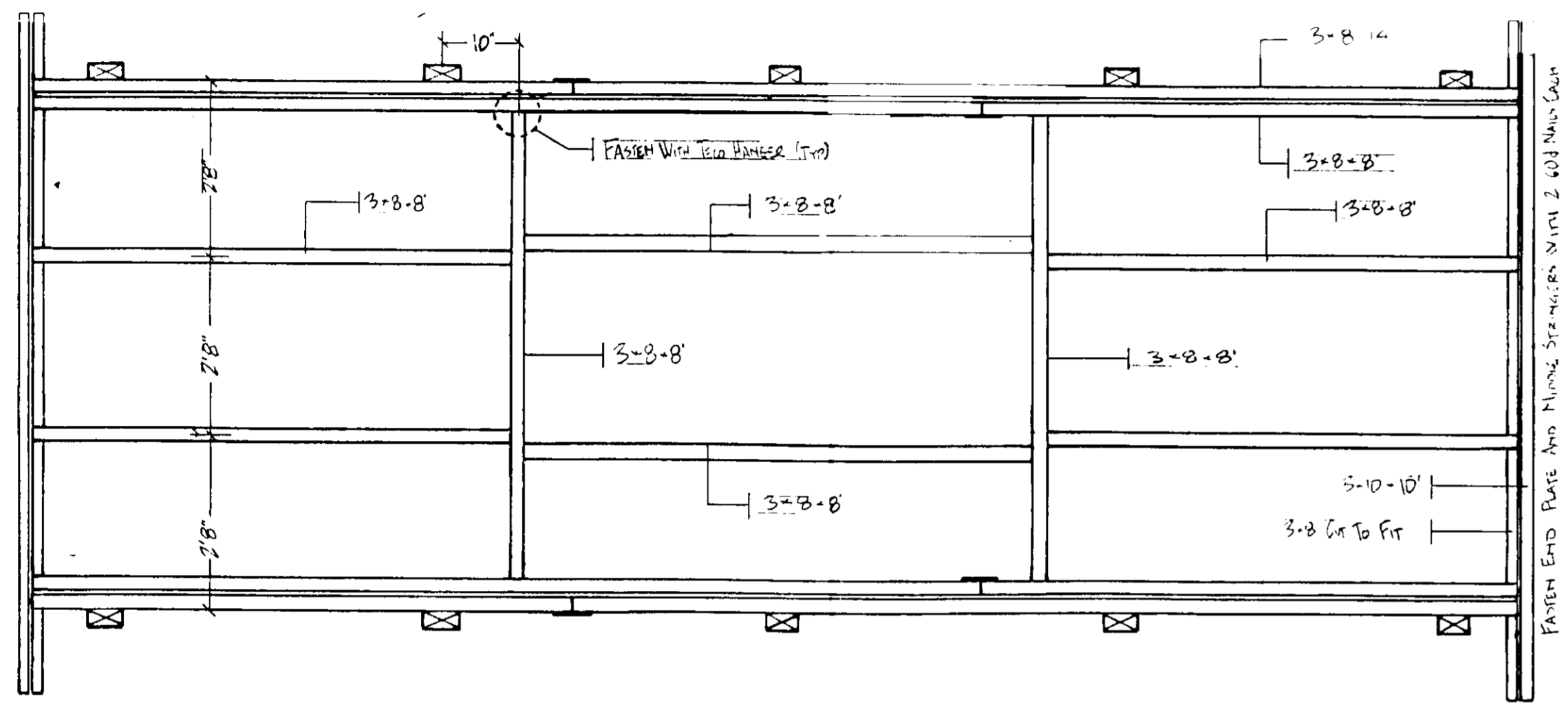
TITLE TOT LOT AND PATHWAY CONNECTOR SITE DEVELOPMENT PLAN SEDIMENT CONTROL PLAN
PREVIOUSLY SDP # 25-95

Des By	R.J.W.	Scale	AS SHOWN	Proj No	94-6300 PHOTOLOG
Drn By	R.B.A.	Date	MARCH 1996		DRAWING NO
Chk By	J.R.H.	SDP	25-95		2 OF 3

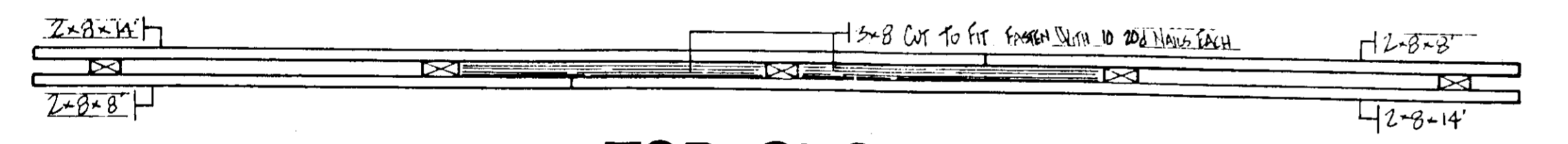




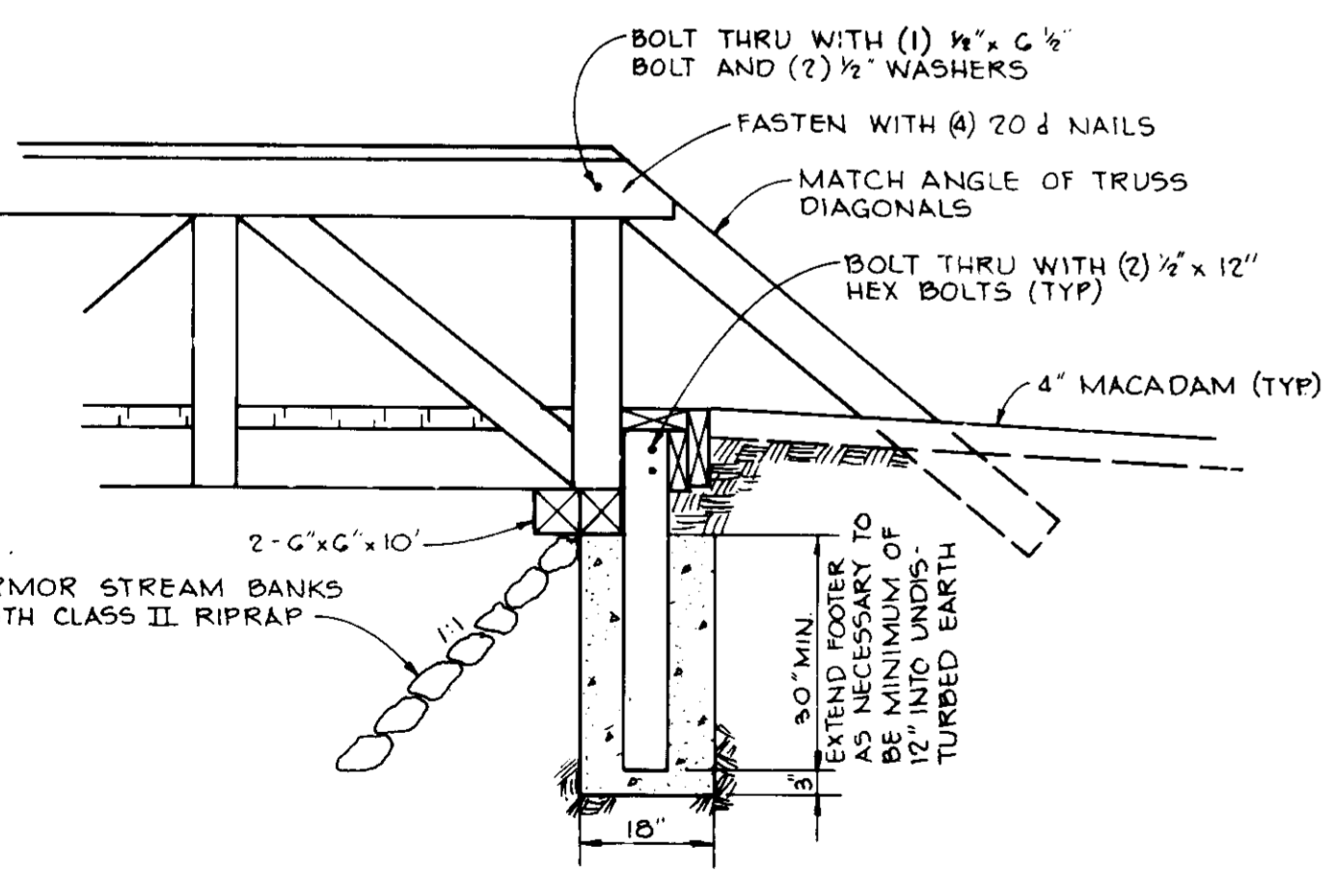
SIDE VIEW



DECK FRAMING PLAN

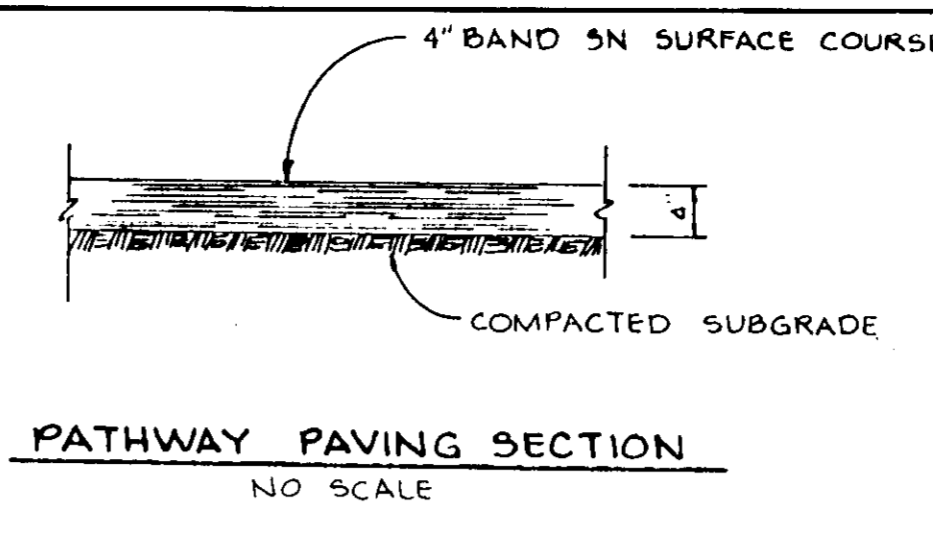
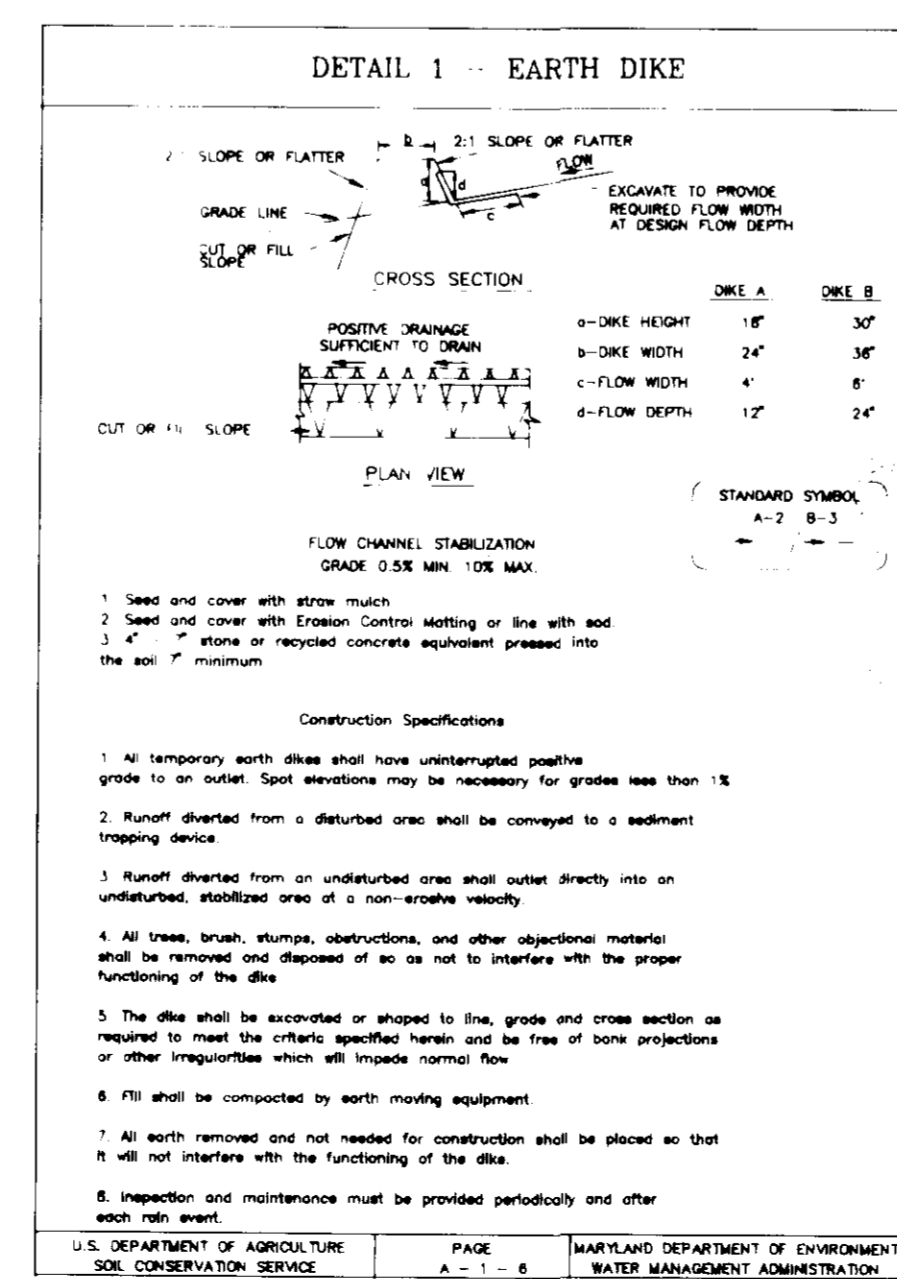
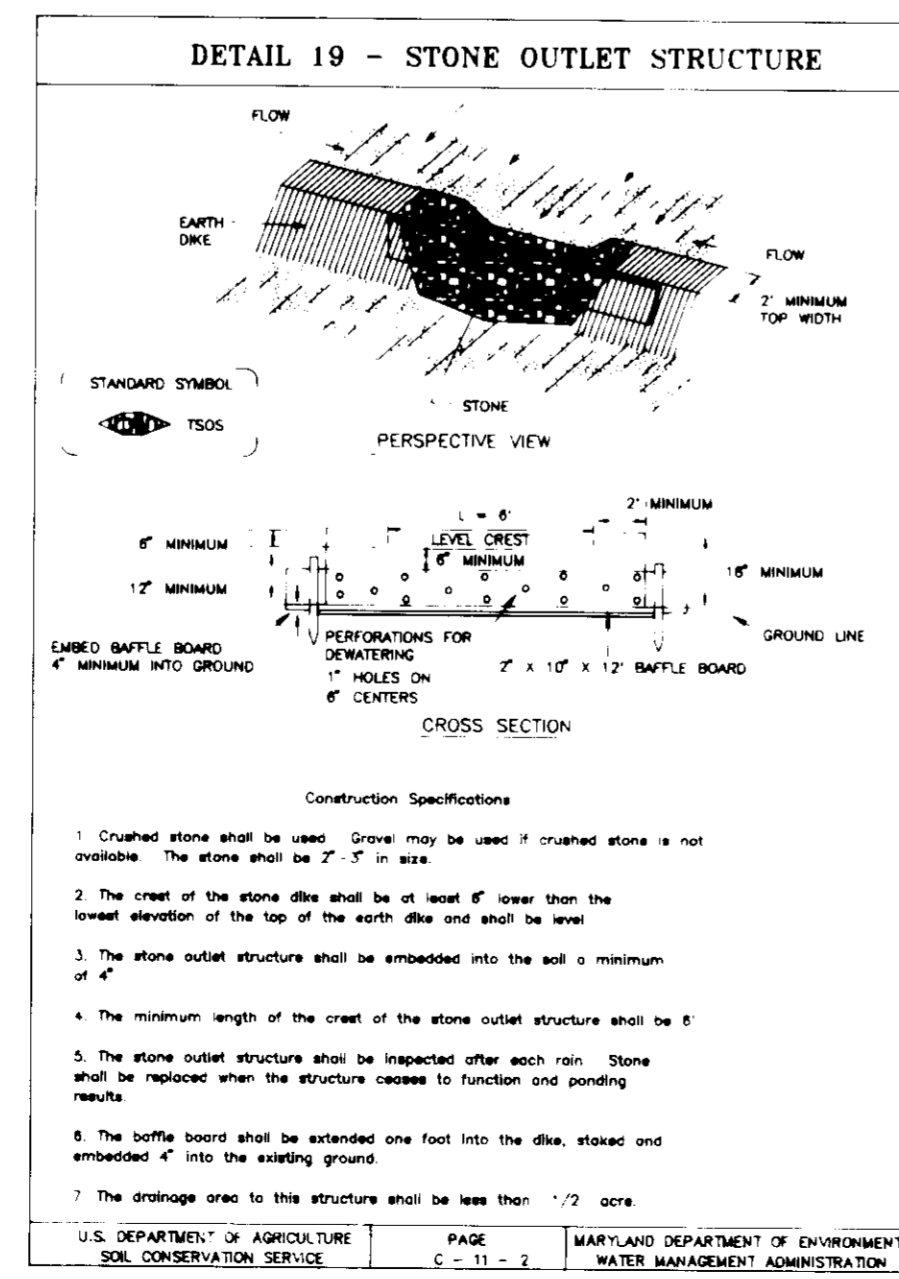


TOP CHORD

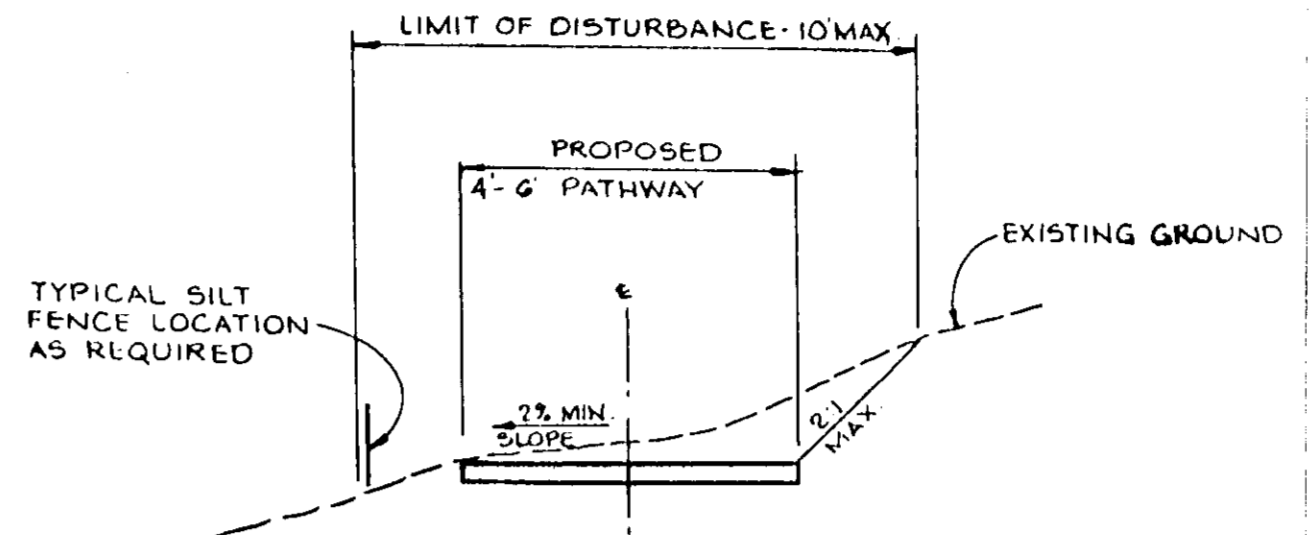


SIDE VIEW FOOTER DETAIL

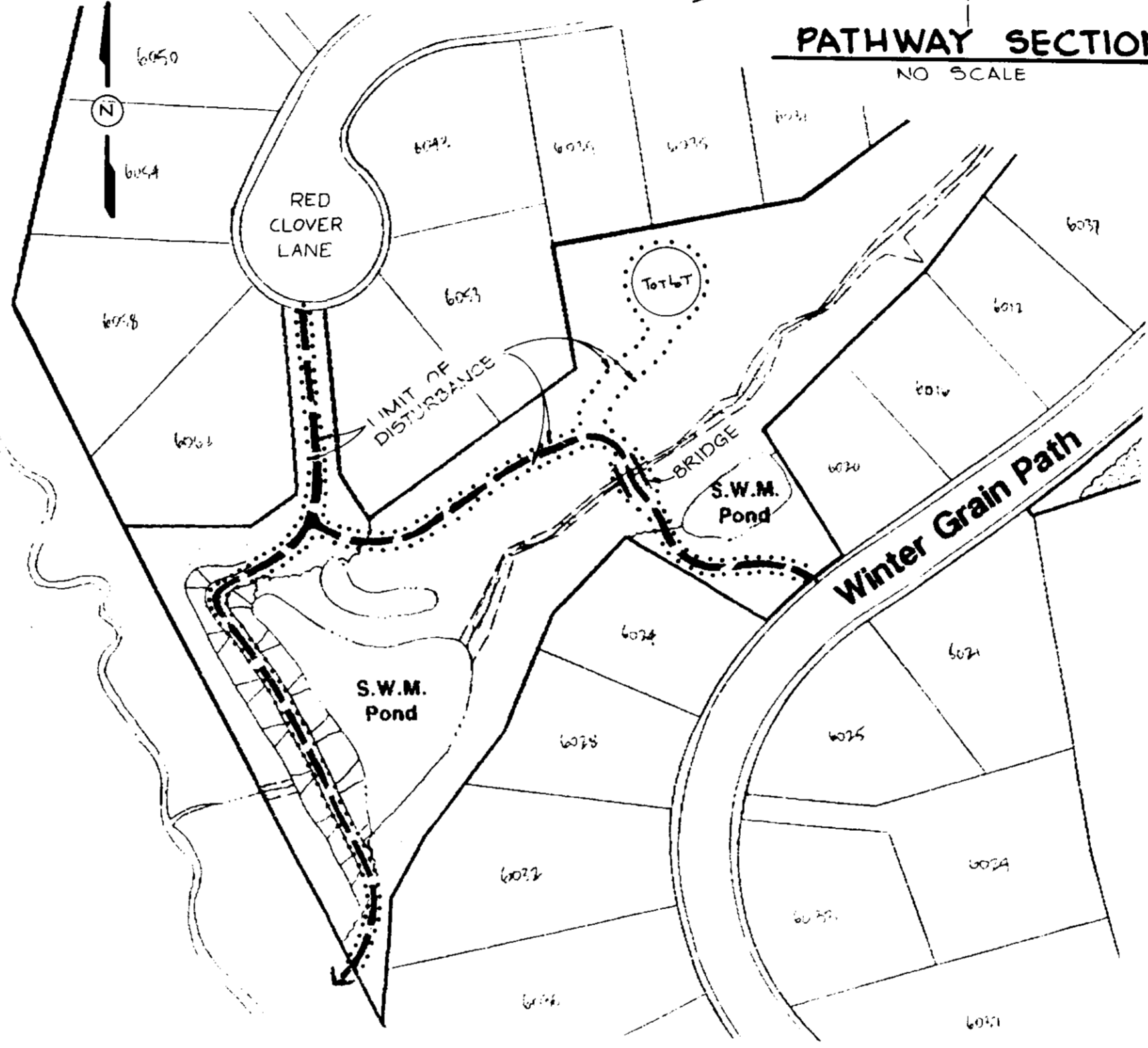
BRIDGE DETAILS
NO SCALE



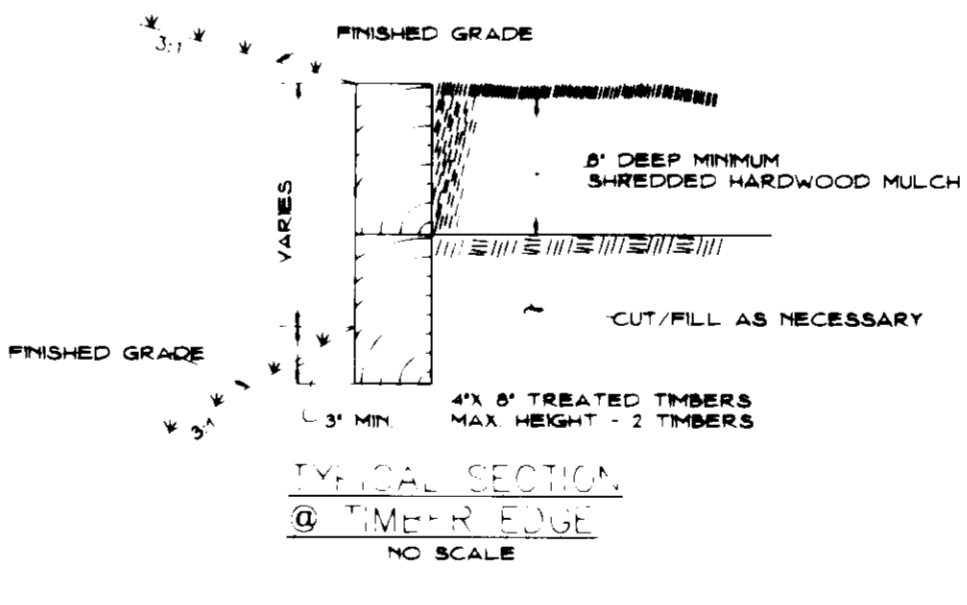
PATHWAY PAVING SECTION
NO SCALE



PATHWAY SECTION
NO SCALE



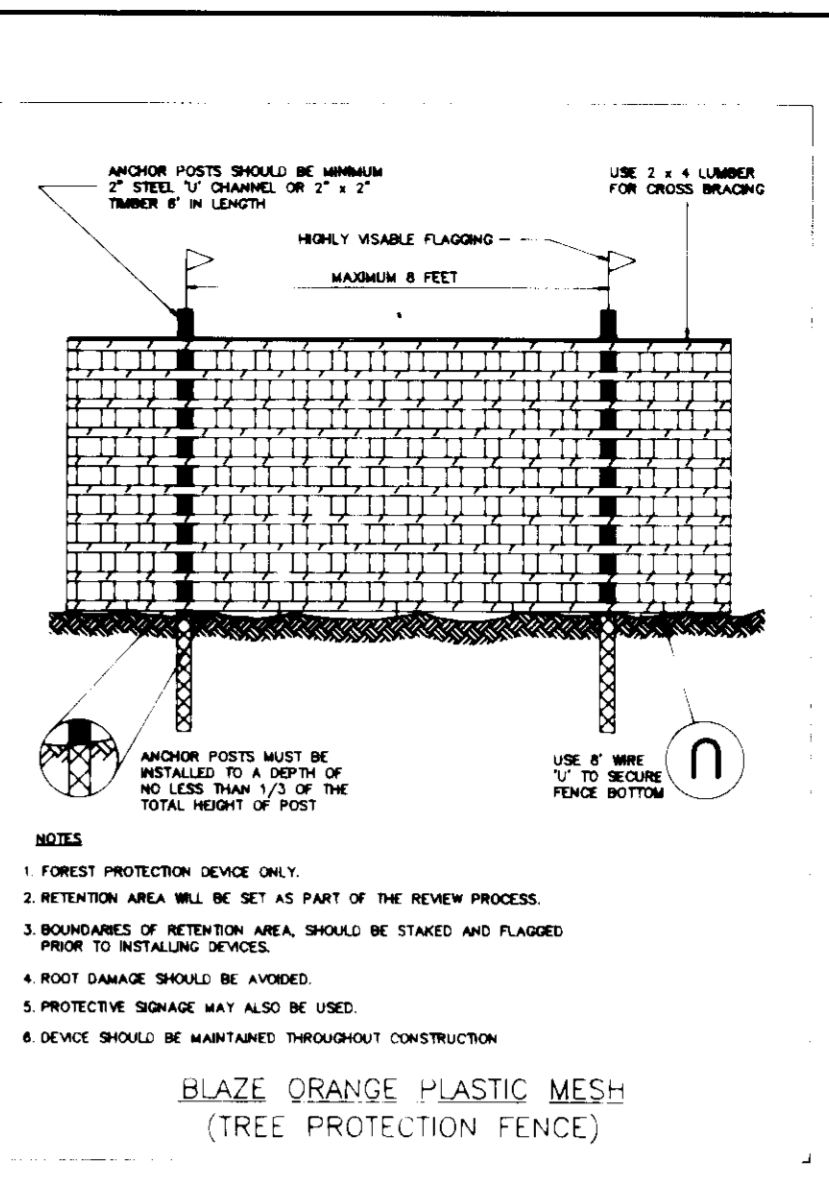
MACADAM PATHWAY PLAN
NO SCALE



TYPICAL SECTION
NO SCALE

SEQUENCE OF CONSTRUCTION

- DAY 1 OBTAIN GRADING PERMIT FROM HOWARD COUNTY DEPARTMENT OF LICENSES AND PERMITS.
- DAY 2-3 NOTIFY THE HOWARD COUNTY BUREAU OF LICENSES INSPECTIONS AND PERMITS AT LEAST 48 HOURS BEFORE BEGINNING ANY WORK, AND INSTALL TREE PROTECTION FENCE AT THIS TIME.
- DAY 4-6 CLEAR AND GRUB REMAINDER OF SITE AND INSTALL SEDIMENT CONTROL MEASURES AND TREE PROTECTION FENCE.
- DAY 6-7 CLEAR AND GRUB REMAINDER OF SITE AS SHOWN ON PLANS.
- DAY 7-8 GRADE SITE MAINTAINING POSITIVE DRAINAGE AT ALL TIMES.
- DAY 8-10 STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
- DAY 10-20 COMPLETE ALL CONSTRUCTION AS SHOWN ON PLANS AND STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
- DAY 20-22 WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR REMOVE ALL SEDIMENT CONTROL DEVICES.



BLAZE ORANGE PLASTIC MESH (TREE PROTECTION FENCE)

- SEDIMENT CONTROL NOTES:**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF PERMITS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (980-1437).
 - ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ALL SLOPES GREATER THAN 1:4 DATA AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - PERMANENT METAL SOIL DISTURBANCE OR RESTORATION PERMANENT OF TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 7 DAYS OF THE DATE OF THE PERMITS AND SEDIMENT CONTROL FOR PERMANENT SEDIMENT CONTROL. STRUCTURAL DRAIN PREVENTER SLOPES AND ALL SLOPES GREATER THAN 1:4 DATA AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ALL SEDIMENT PREVENTERS SHOULD BE MAINTAINED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
 - ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEDIMENT CONTROL (SMC 100, SMC 101, SMC 102, SMC 103, SMC 104, SMC 105, SMC 106, SMC 107, SMC 108, SMC 109, SMC 110, SMC 111, SMC 112, SMC 113, SMC 114, SMC 115, SMC 116, SMC 117, SMC 118, SMC 119, SMC 120, SMC 121, SMC 122, SMC 123, SMC 124, SMC 125, SMC 126, SMC 127, SMC 128, SMC 129, SMC 130, SMC 131, SMC 132, SMC 133, SMC 134, SMC 135, SMC 136, SMC 137, SMC 138, SMC 139, SMC 140, SMC 141, SMC 142, SMC 143, SMC 144, SMC 145, SMC 146, SMC 147, SMC 148, SMC 149, SMC 150, SMC 151, SMC 152, SMC 153, SMC 154, SMC 155, SMC 156, SMC 157, SMC 158, SMC 159, SMC 160, SMC 161, SMC 162, SMC 163, SMC 164, SMC 165, SMC 166, SMC 167, SMC 168, SMC 169, SMC 170, SMC 171, SMC 172, SMC 173, SMC 174, SMC 175, SMC 176, SMC 177, SMC 178, SMC 179, SMC 180, SMC 181, SMC 182, SMC 183, SMC 184, SMC 185, SMC 186, SMC 187, SMC 188, SMC 189, SMC 190, SMC 191, SMC 192, SMC 193, SMC 194, SMC 195, SMC 196, SMC 197, SMC 198, SMC 199, SMC 200).
 - ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY SEASONAL ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 1 ACRE, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUIRED FOR ALL SEDIMENT CONTROL MEASURES. PERMITS FOR ALL SEDIMENT CONTROL MEASURES SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION. PERMITS FOR ALL SEDIMENT CONTROL MEASURES SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION. PERMITS FOR ALL SEDIMENT CONTROL MEASURES SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.

- PERMANENT SEEDING NOTES:**
- APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT COVERED VEGETATIVE COVER IS REQUIRED.
 - SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY HAND, DIGGING 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. FERTILIZER - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (82 LBS/1000 SOFT) AND 100 LBS PER ACRE 30-0-0 FERTILIZER (33 LBS/1000 SOFT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.
 - 2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (82 LBS/1000 SOFT) AND 100 LBS PER ACRE 30-0-0 FERTILIZER (33 LBS/1000 SOFT) 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 31, APPLY 1 1/2 TONS PER ACRE (70 TO 80 LBS/1000 SQ FT) OF UNFERTILIZED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION. APPLY 2 TONS PER ACRE (100 LBS/500 SQ FT) OF SEEDING MIXTURE (2 TONS PER ACRE) TO ALL AREAS ON SLOPES 6 FT OR GREATER. USE 3/4 BALSAM OR 3/4 BALSAM (2 TONS PER ACRE) FOR ANCHORING.
 - MULCHING: APPLY 1 1/2 TONS PER ACRE (70 TO 80 LBS/1000 SQ FT) OF UNFERTILIZED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION. APPLY 2 TONS PER ACRE (100 LBS/500 SQ FT) OF SEEDING MIXTURE (2 TONS PER ACRE) TO ALL AREAS ON SLOPES 6 FT OR GREATER. USE 3/4 BALSAM OR 3/4 BALSAM (2 TONS PER ACRE) FOR ANCHORING.
 - MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NECESSARY REPAIRS, REPLACEMENTS AND RESEEDINGS.

- TEMPORARY SEEDING NOTES:**
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE DISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS REQUIRED.
 - SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY HAND, DIGGING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING IF NOT PREVIOUSLY LOOSENED.
 - SOIL AMENDMENTS: APPLY 800 LBS PER ACRE 10-0-0 FERTILIZER (44 LBS/1000 SQ FT).
 - SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 1 THRU NOVEMBER 31, APPLY 1 1/2 TONS PER ACRE (70 TO 80 LBS/1000 SQ FT) OF UNFERTILIZED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION. APPLY 2 TONS PER ACRE (100 LBS/500 SQ FT) OF SEEDING MIXTURE (2 TONS PER ACRE) TO ALL AREAS ON SLOPES 6 FT OR GREATER. USE 3/4 BALSAM OR 3/4 BALSAM (2 TONS PER ACRE) FOR ANCHORING.
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 - MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NECESSARY REPAIRS, REPLACEMENTS AND RESEEDINGS.



REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

J. G. Waffell 9/3/96
U.S. SOIL CONSERVATION SERVICE

John R. Heinrichs 2/16/95
ENGINEER JOHN R. HEINRICHS

John R. Robitson 9/3/96
HOWARD S.C.C.

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

John R. Robitson 9/3/96
DIRECTOR

John R. Robitson 9/17/96
DIRECTOR

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

John R. Robitson 9/16/96
CHIEF, DEVELOPMENT ENGINEERING DIVISION M.K.

John R. Robitson 9/16/96
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

COLUMBIA ASSOCIATION
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PHOENIX ENGINEERING, INC.
CONSULTING ENGINEERS
817 MILDEN CREEK LANE, SUITE 300
BALTIMORE, MARYLAND 21228
(410) 247-8823 FAX 247-8397

AREA: COLUMBIA VILLAGE OF RIVER HILL SECTION 1 AREA 4
5th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND

TITLE: TOT LOT AND PATHWAY CONNECTOR SEDIMENT CONTROL NOTES AND DETAILS

PREVIOUSLY SDP# 95-09

Des By: R.J.W. Scale: AS SHOWN Proj No: 84-0300 PROS/DIG/MS
Dwn By: R.B.A. Date: MARCH, 1996 DRAWING NO:
Cnk By: J.R.H. SDP# 96-129 3 OF 3

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