

TRENCH	NO. OF TRENCH	LOCATION	SIZE			IMPERVIOUS DRAINAGE AREA	VOLUME REQUIRED	VOLUME PROVIDED
			L	W	D			
A	2	DOWNSPOUT	33"	1"	1.5'	1189 SF	49 CF	49.5 CF
B	1	DOWNSPOUT	27"	1"	1"	638 SF	27 CF	27 CF
C	1	EDGE PAVING	110"	1"	1.8'	4200 SF	175 CF	180 CF
D	1	EDGE PAVING	185"	1"	2.2'	8046 SF	336 CF	407 CF
E	1	EDGE PAVING	36"	1"	1.5'	1296 SF	54 CF	54 CF

**LEGEND**

- EXISTING CONTOUR 2' INTERVAL
- EXISTING CONTOUR 10' INTERVAL
- PROPOSED CONTOUR 2' INTERVAL
- PROPOSED CONTOUR 10' INTERVAL
- 2' G.L. SPOT ELEVATION
- PROPOSED TREE PROTECTION FENCE
- PROPOSED STONE TRENCH
- SUPER SILT FENCE
- PROPOSED PAVING TO BE REMOVED

**LANDSCAPE NOTES**

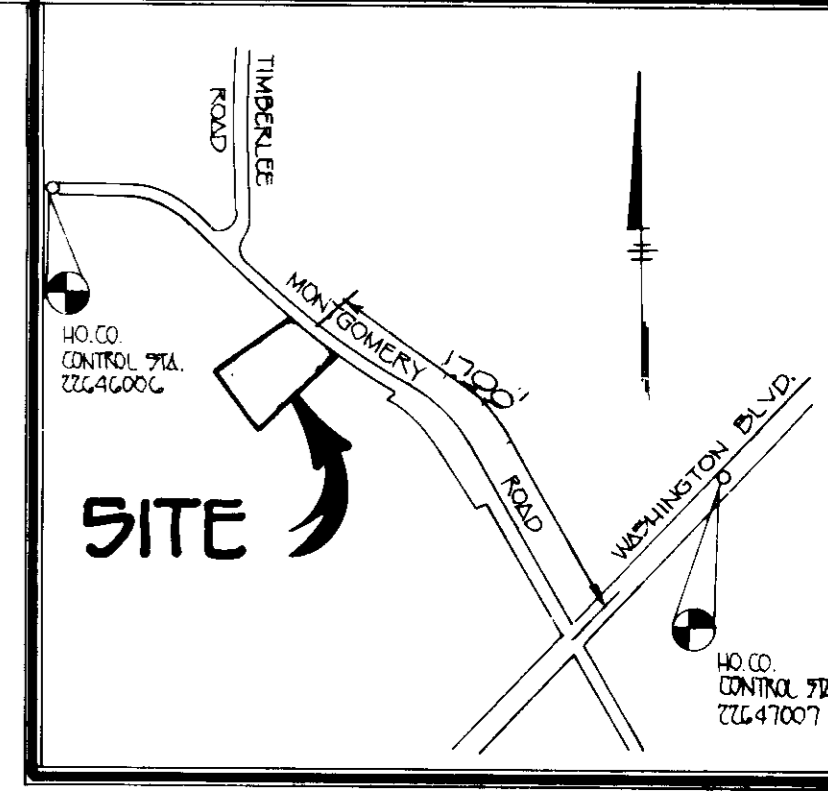
- GLADIOLUS TRIANTHOS INERMIS
- SHADE MASTER THORNLESS MONEY LOCUST
- 14 TREES 2" CAL. BALL AND BURLAP
- EUONYMUS ALATUS COMPACTA
- DWARF WINGED EUONYMUS
- 20 SHRUBS 2" TO 2 1/2" WT. CONTAINERS
- PIRUS SYRIACUS
- EASTERN WHITE PINE
- 15 TREES 6" TO 8" HT. BALL AND BURLAP

**SCHEDULE B  
PARKING LOT INTERNAL LANDSCAPING**

Number of Parking Spaces	50
Number of Trees Required	3
Number of Trees Provided	3
Shade Trees	3
Other Trees (2:1 substitution)	

**SCHEDULE A  
PERIMETER LANDSCAPE EDGE**

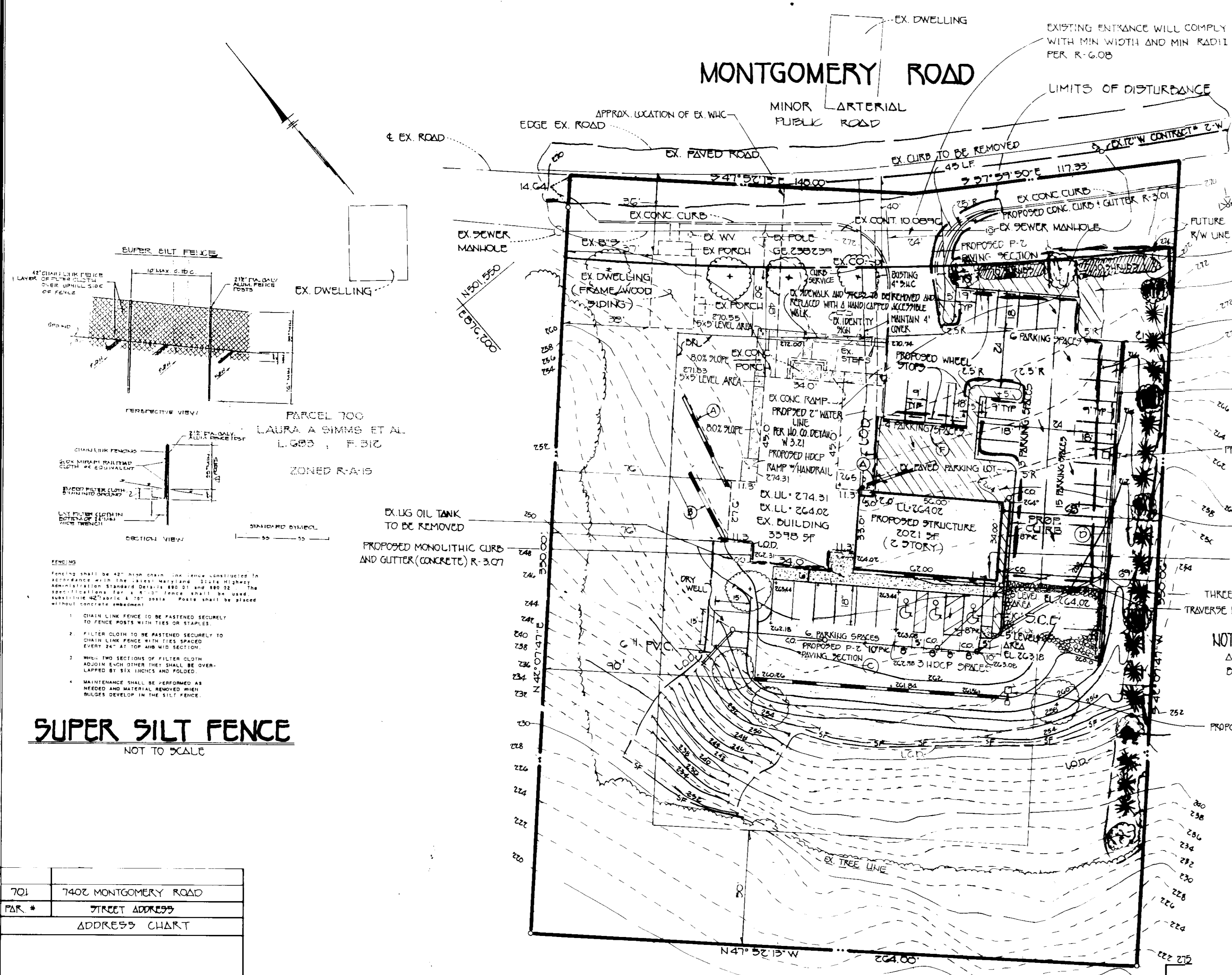
Category	Adjacent to Roadways	Adjacent to Perimeter Properties
Linear Feet of Roadway Frontage/Perimeter	80	240
Credit for Existing Vegetation (Yes, No, Linear Feet) (Describe below if needed)	NO	YES 200'
Credit for Wall, Fence or Berm (Yes, No, Linear Feet) (Describe below if needed)	NO	NO
Number of Plants Required		
Shade Trees	2	0
Evergreen Trees	20	12
Shrubs		
Number of Plants Provided		
Shade Trees	2	0
Evergreen Trees	20	15
Other Trees (2:1 substitution)		
Shrubs (10:1 substitution)	20	11
(Describe plant substitution credits below if needed)		



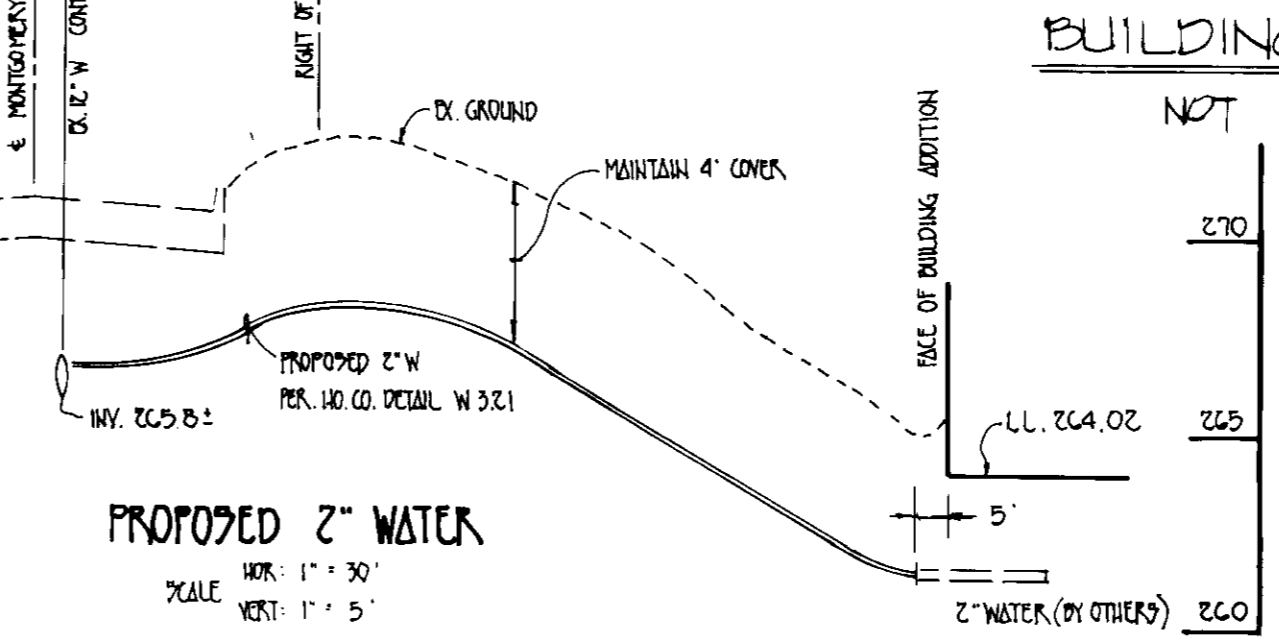
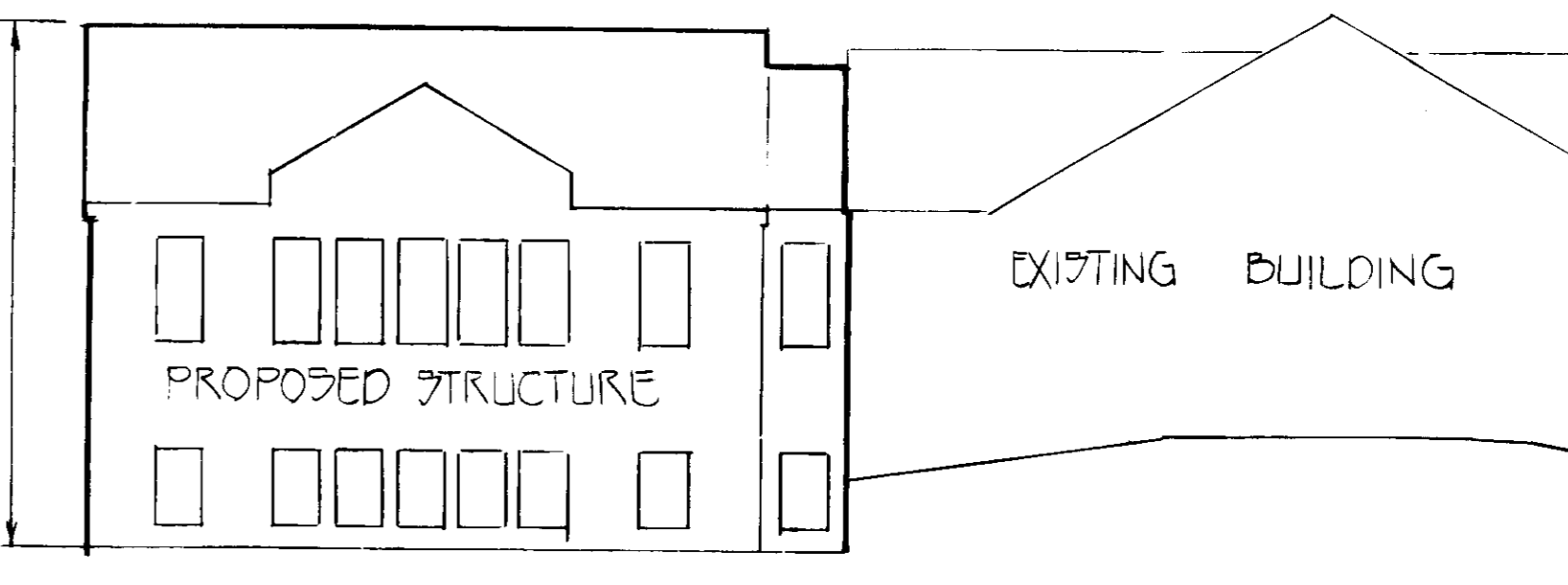
**VICINITY MAP**  
SCALE: 1" = 100'

Developer's/Builder's Certificate  
 I/We certify that the landscaping shown on this plan will be done according to the plan, Section 16.124 of the Howard County Code and the Howard County Landscape Manual. I/We further certify that upon completion a Certificate of Landscape Installation accompanied by an executed one-year guarantee of plant materials will be submitted to the Department of Planning and Zoning.  
 Signature: *[Signature]* DATE: 10/18/93

- GENERAL NOTES**
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
  - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/CONSTRUCTION INSPECTION DIVISION AT (301) 313-1800 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL NOTIFY "MISS UTILITIES" AT 1-800-257-777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK. TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ADVERTISEMENTS.
  - ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB AND EDGE OF PAVING UNLESS OTHERWISE NOTED. TOPOGRAPHIC SURVEY WAS PERFORMED BY FISHER, COLLINS & CARTER, INC. ON OR ABOUT NOVEMBER 11, 1991.
  - PUBLIC WATER AND SEWER WILL BE UTILIZED. EXISTING UTILITIES WERE LOCATED BY TOPOGRAPHIC SURVEY AND EXISTING WATER AND SEWER CONSTRUCTION DRAWINGS CONTRACT 10-0856 AND CONTRACT 24.
  - THIS PLAN IS SUBJECT TO SA CASE 92-322 APPROVED ON NOVEMBER 24, 1992. SUMMARY OF CONDITIONS:
    - PERMITTEE WILL COMPLY WITH ALL FEDERAL, STATE AND COUNTY LAWS AND REGULATIONS.
    - THE PROPOSED EXTERIOR BUILDING MATERIALS WILL MATCH THE EXISTING RELIGIOUS FACILITY.
    - THERE WILL BE NO EXTERIOR LIGHTING ON THIS SITE.
    - THE OWNER/DEVELOPER WILL COMPLY WITH THE REQUIRED NUMBER OF PARKING SPACES.
  - TOPOGRAPHIC SURVEY IS BASED ON HOWARD COUNTY MONUMENTS 22647006 AND 22646006.
  - HANDICAPPED PEOPLE ENTERING THE BUILDING WILL BE ABLE TO FREELY MOVE ON THE LOWER LEVEL. THE EXISTING LOWER AND PROPOSED LOWER FLOORS WILL BE AT THE SAME ELEVATION. ACCESS TO UPPER FLOOR WILL BE ACHIEVED BY A PROPOSED INCLINE LIFT LOCATED IN THE STAIR WELL. DETAILS TO BE PROVIDED BY ARCHITECTS AT TIME OF BUILDING PERMIT APPLICATION.
- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING PERMIT.
  - INSTALL TREE PROTECTION FENCE.
  - INSTALL SEDIMENT CONTROL DEVICES AS SHOWN ON PLAN.
  - CLEAR AND GRUB SITE, INSTALL TEMPORARY SEEDING.
  - ROUGH GRADE SITE.
  - CONSTRUCT BUILDING.
  - CONSTRUCT CURB AND GUTTER, RETAINING WALLS AND UTILITIES.
  - INSTALL WATER QUALITY TRENCHES THAT ARE UNDER PROPOSED PAVING.
  - FINE GRADE SITE AND INSTALL PERMANENT SUB BASE PAVING.
  - INSTALL SIDEWALKS AND PERMANENT SEEDING.
  - INSTALL REMAINDER OF WATER QUALITY TRENCHES ONCE UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY CONSTRUCTION INSPECTOR.
  - INSTALL LANDSCAPING.
  - REMOVE SEDIMENT CONTROL DEVICES AS PERMISSION IS GRANTED BY E/S INSPECTOR.
  - INSTALL TACK COAT AND FINISH PAVING.



**NOTE:**  
 ALL PAVING TO BE REMOVED WILL BE REPLACED WITH SEED AND MULCH.



**SUPER SILT FENCE**  
NOT TO SCALE

701	7402 MONTGOMERY ROAD
PAR. #	STREET ADDRESS
	ADDRESS CHART

DATE	NO.	DESCRIPTION
4-9-96	3	ADD EX. TRENCH AND W.C. PROFILE
12-21-95	2	REVISED PARKING LOT, SPOT ELEVATIONS AND CLEANOUTS.
7-18-94	1	REVISE BUILDING FOOTPRINT, ADD OUTDOOR LAMPS, ADD TRENCH PROFILE, HANDICAPPED RAMP AND ADJUST ELEVATIONS ON PARKING LOT.

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 971 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 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: *[Signature]* DATE: 10/11/93

**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.  
 Signature: *[Signature]* DATE: 10/18/93

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS  
 Signature: *[Signature]* DATE: 10/18/93  
 DISTRICT OFFICER  
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPT. OF PLANNING AND ZONING  
 Signature: *[Signature]* DATE: 11/13/93  
 PLANNING DIRECTOR  
 Signature: *[Signature]* DATE: 11/2/93  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH  
 Signature: *[Signature]* DATE: 10-27-93  
 HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.  
 Signature: *[Signature]* DATE: 10/20/93  
 DIRECTOR, PUBLIC WORKS  
 Signature: *[Signature]* DATE: 10/20/93  
 CHIEF, BUREAU OF ENGINEERING

**BUILDING ADDITION TO EXISTING STRUCTURE SITE DEVELOPMENT PLAN AND LANDSCAPE PLAN UNITY DAPTIST CHURCH**  
 FIRST ELECTION DISTRICT: HOWARD COUNTY, MARYLAND  
 TAX MAP 90 GRID 2 PARCEL 701  
 SCALE: 1" = 30' DATE: MAY 14, 1993  
 SHEET 1 OF 3

**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: APPLY 2 TONS PER ACRE OF DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 600 LBS PER ACRE OF 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING.

**SEEDING:** HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE OF UREA-FORM FERTILIZER (9 LBS/1000 SQ.FT.)

1) ACCEPTABLE - APPLY 2 TONS PER ACRE OF DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 1000 LBS. PER ACRE OF 10-10-10 FERTILIZER (23 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

**SEEDING:** FOR 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 SOIL. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE OF 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.

**TEMPORARY SEEDING NOTES:**  
 APPLY TO GRADED OR CLEARED AREAS THAT ARE 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 OF 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.)

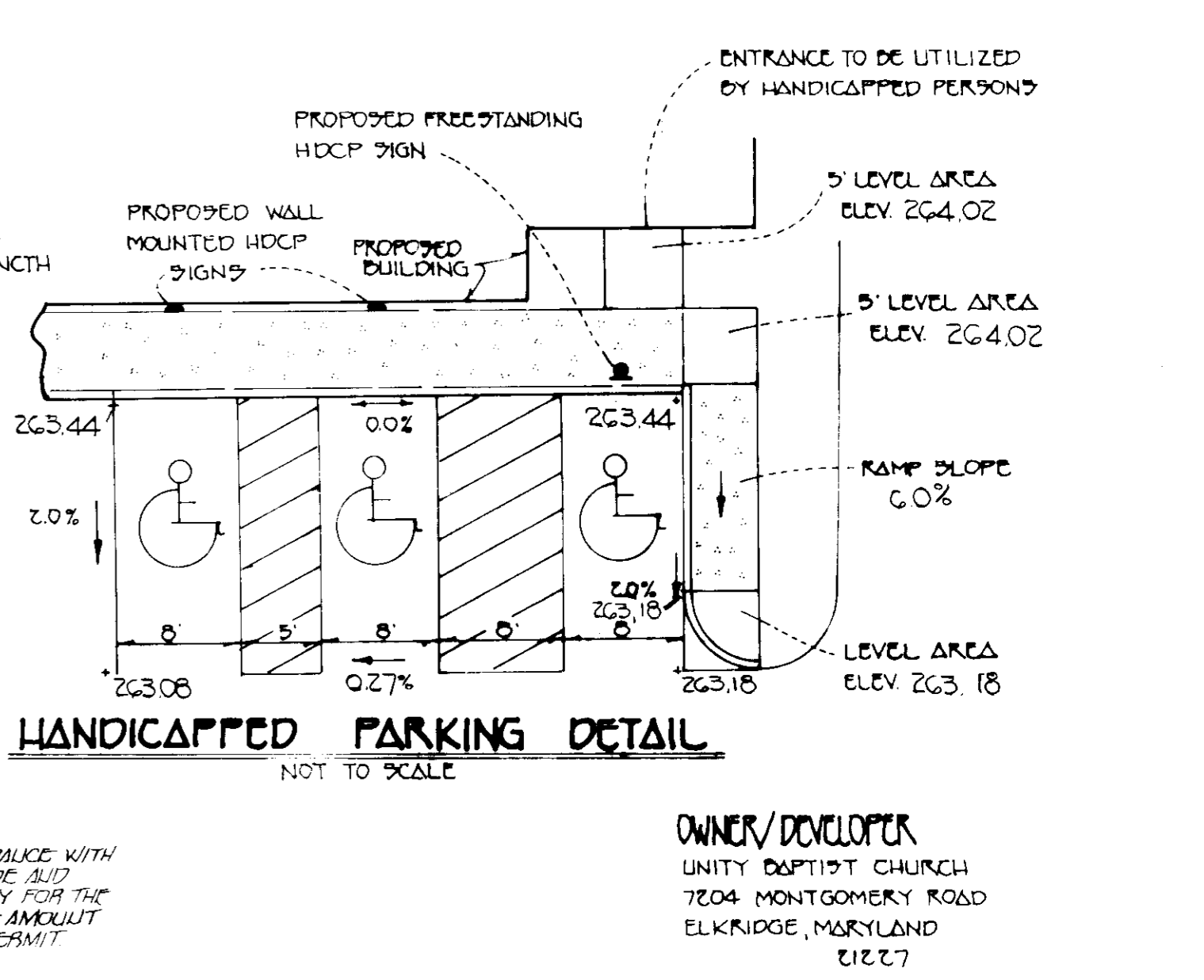
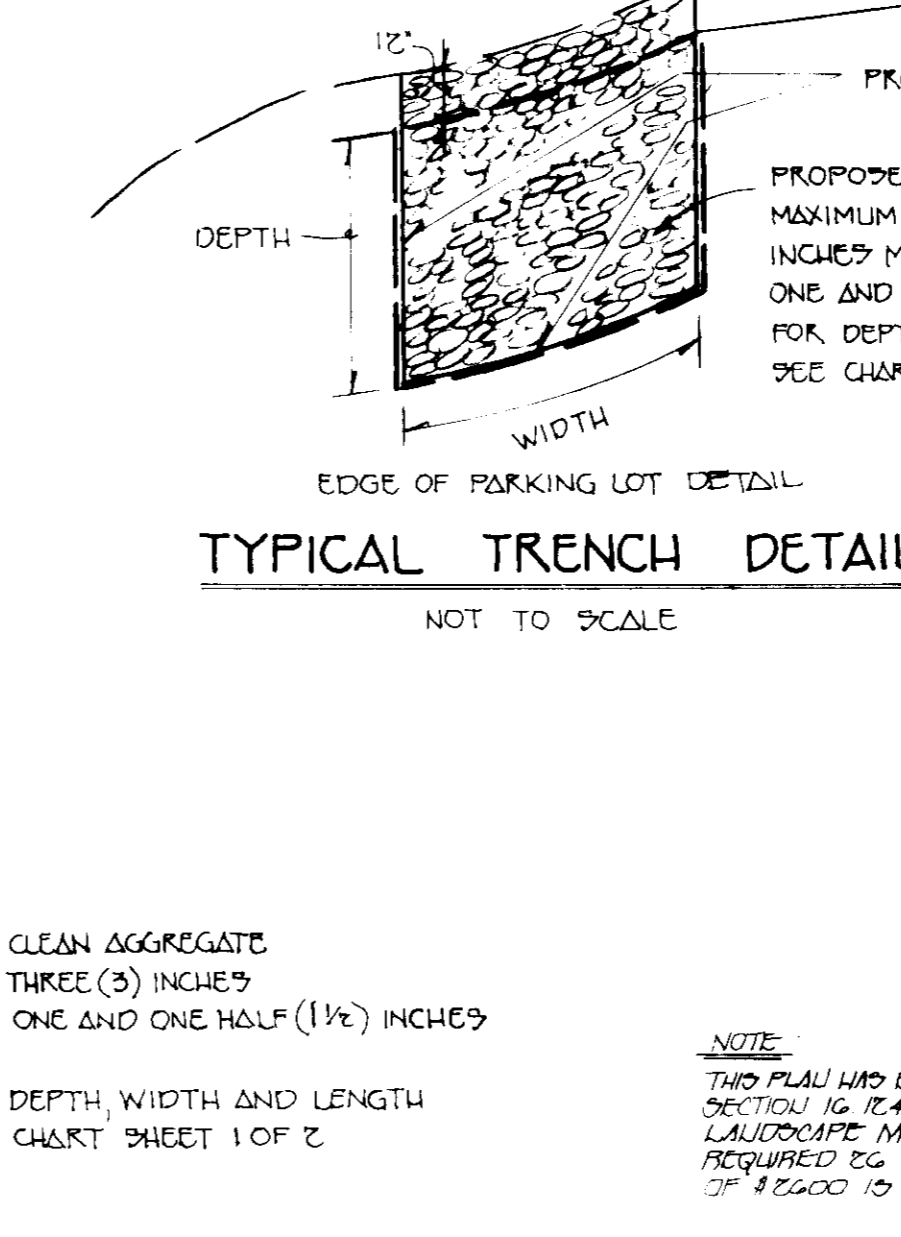
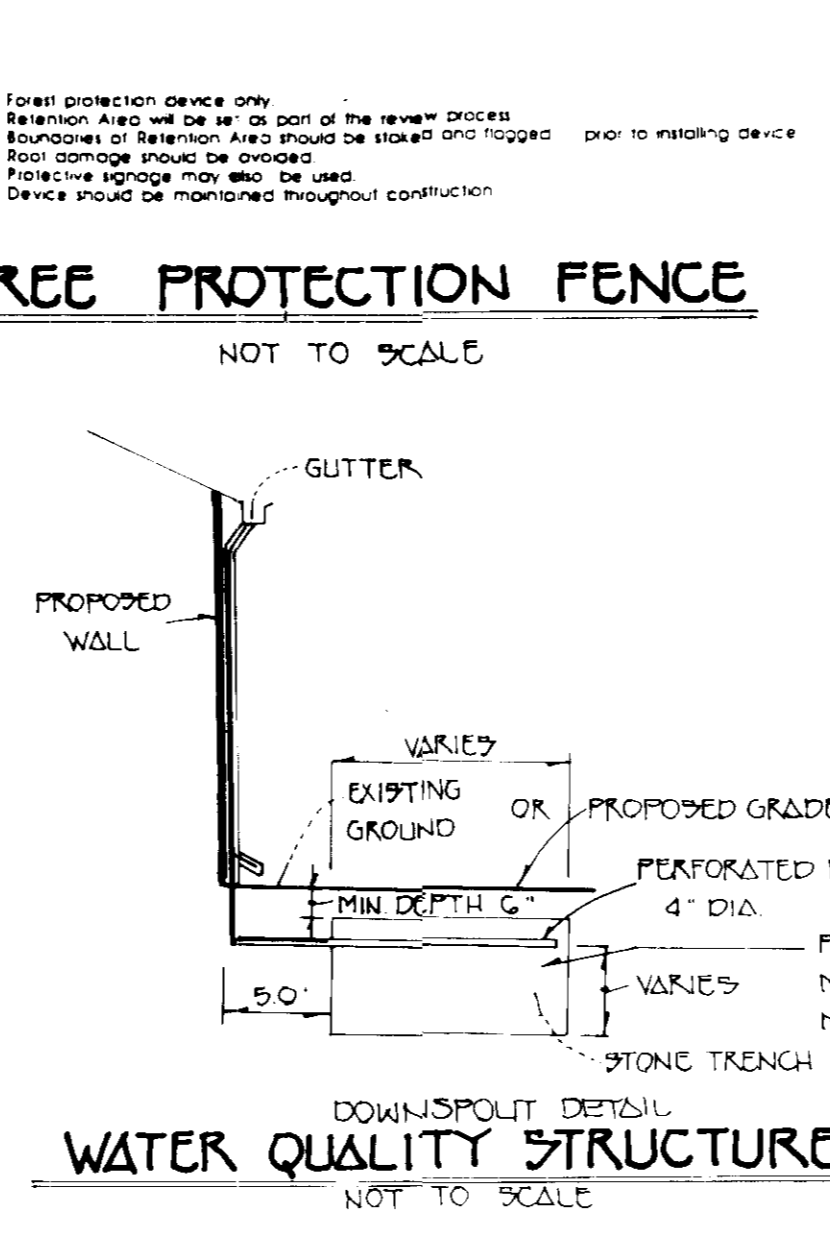
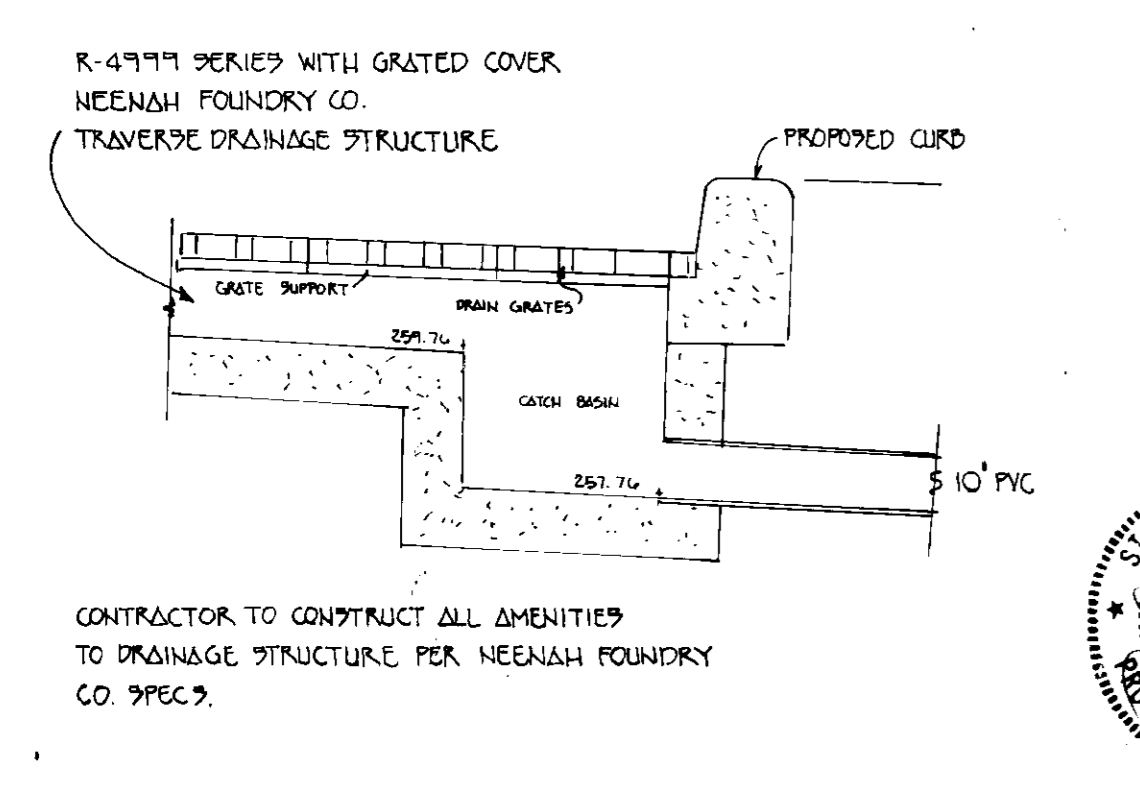
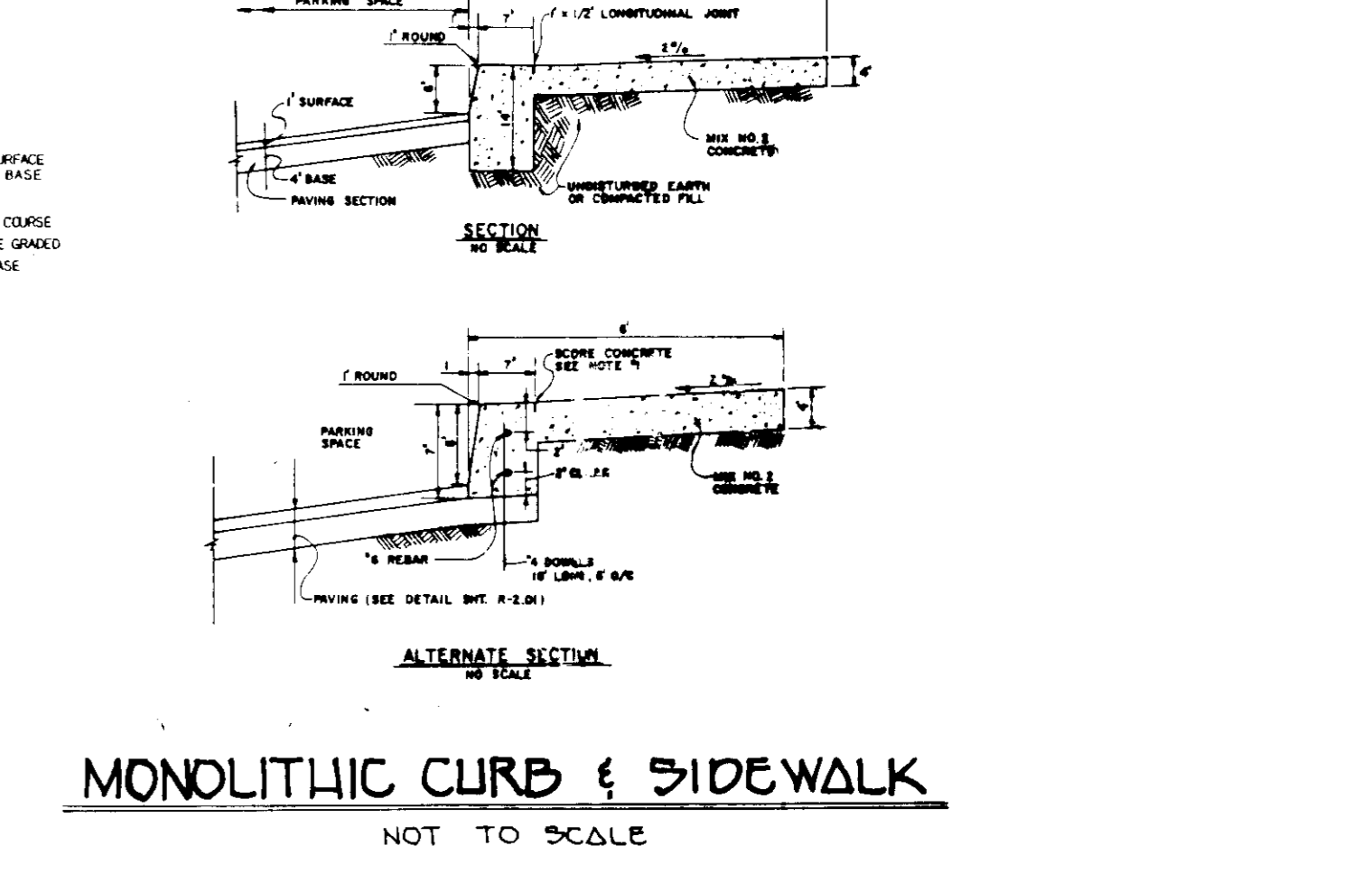
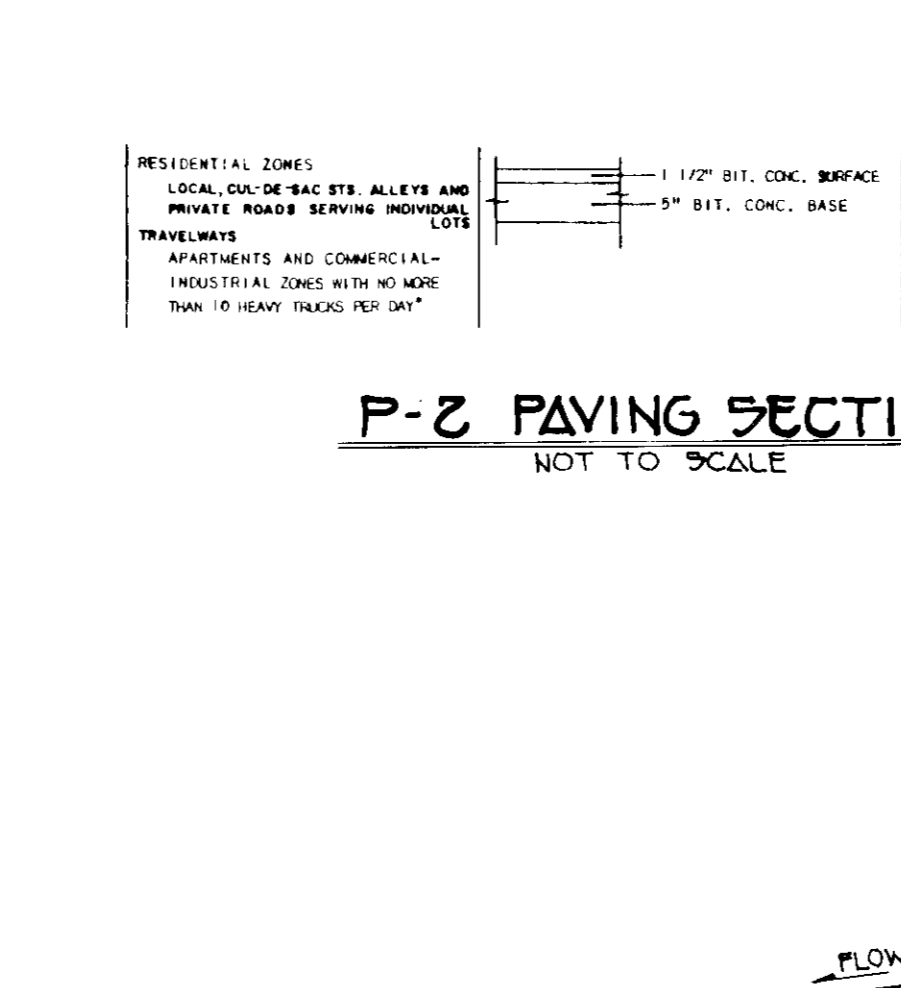
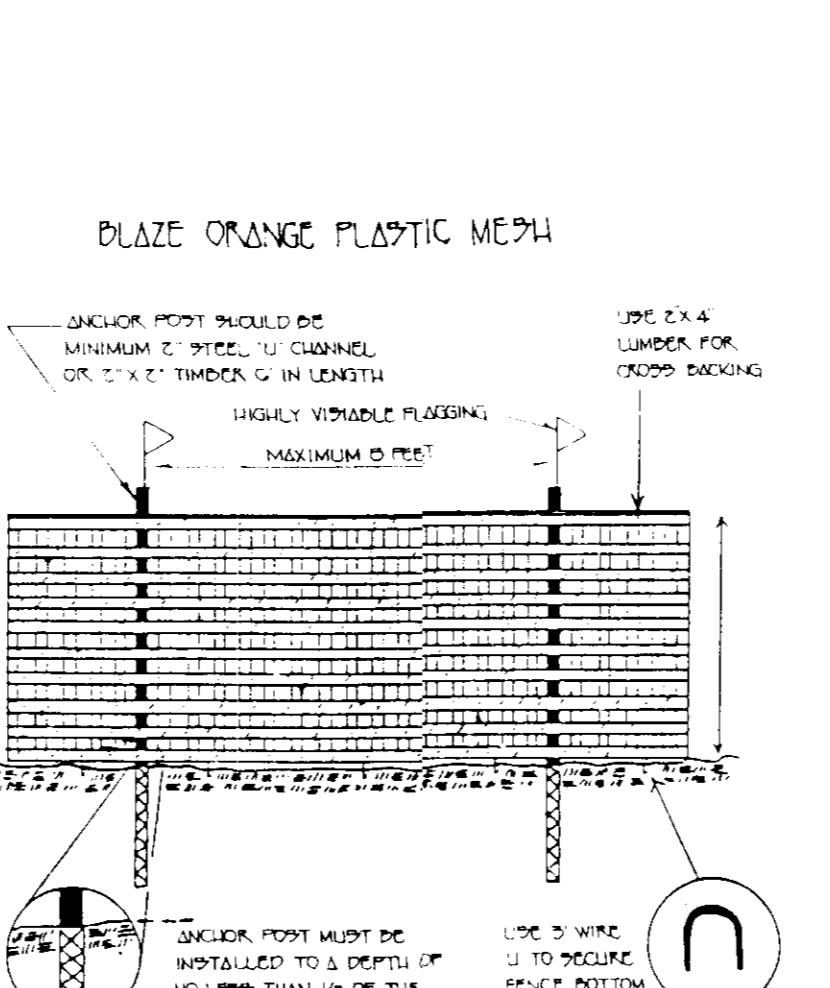
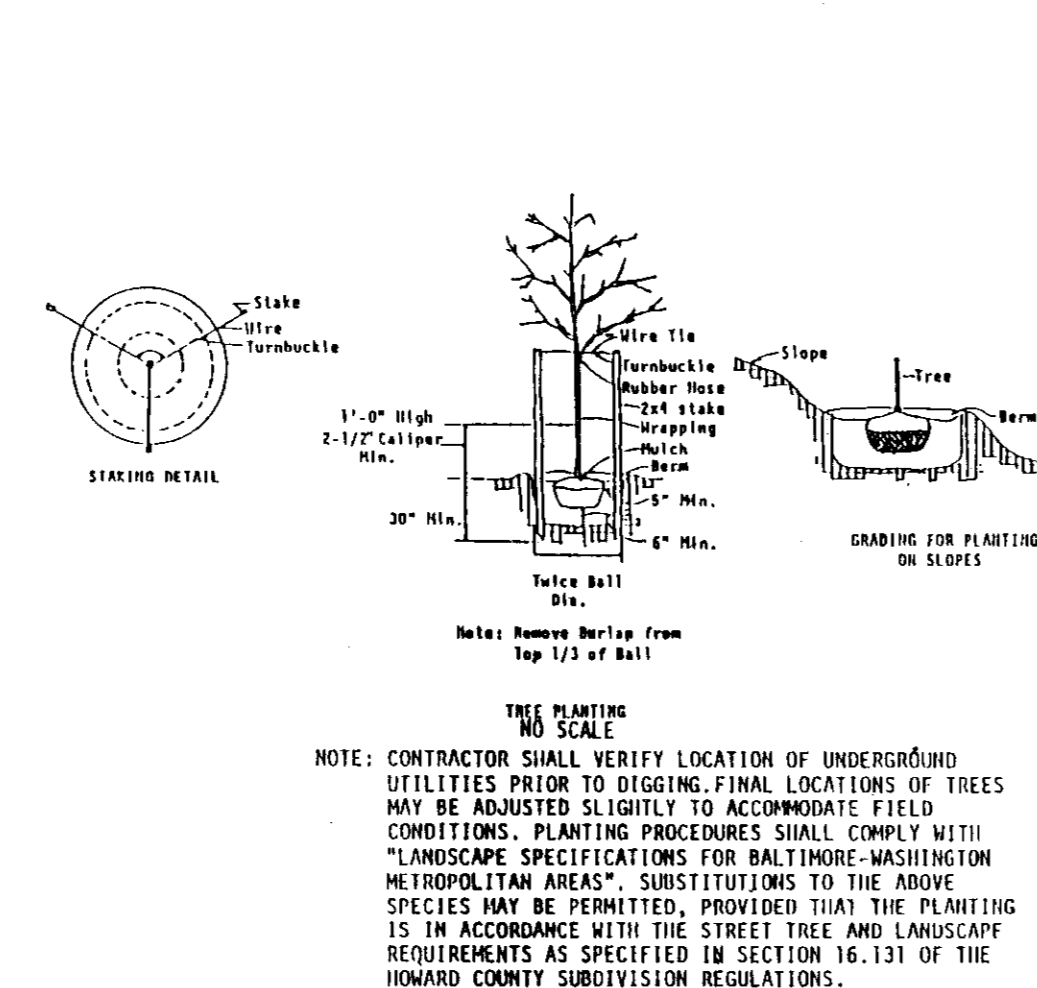
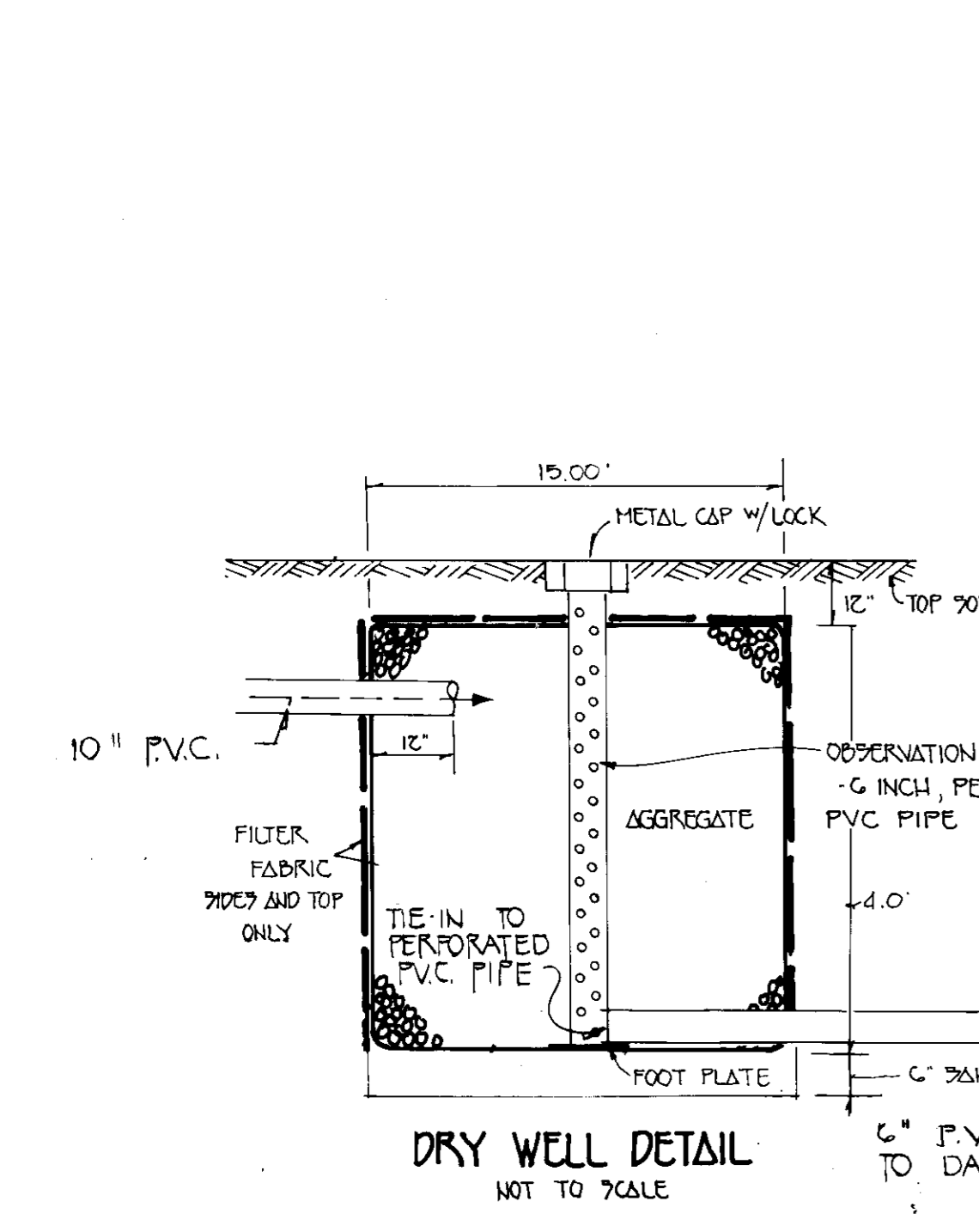
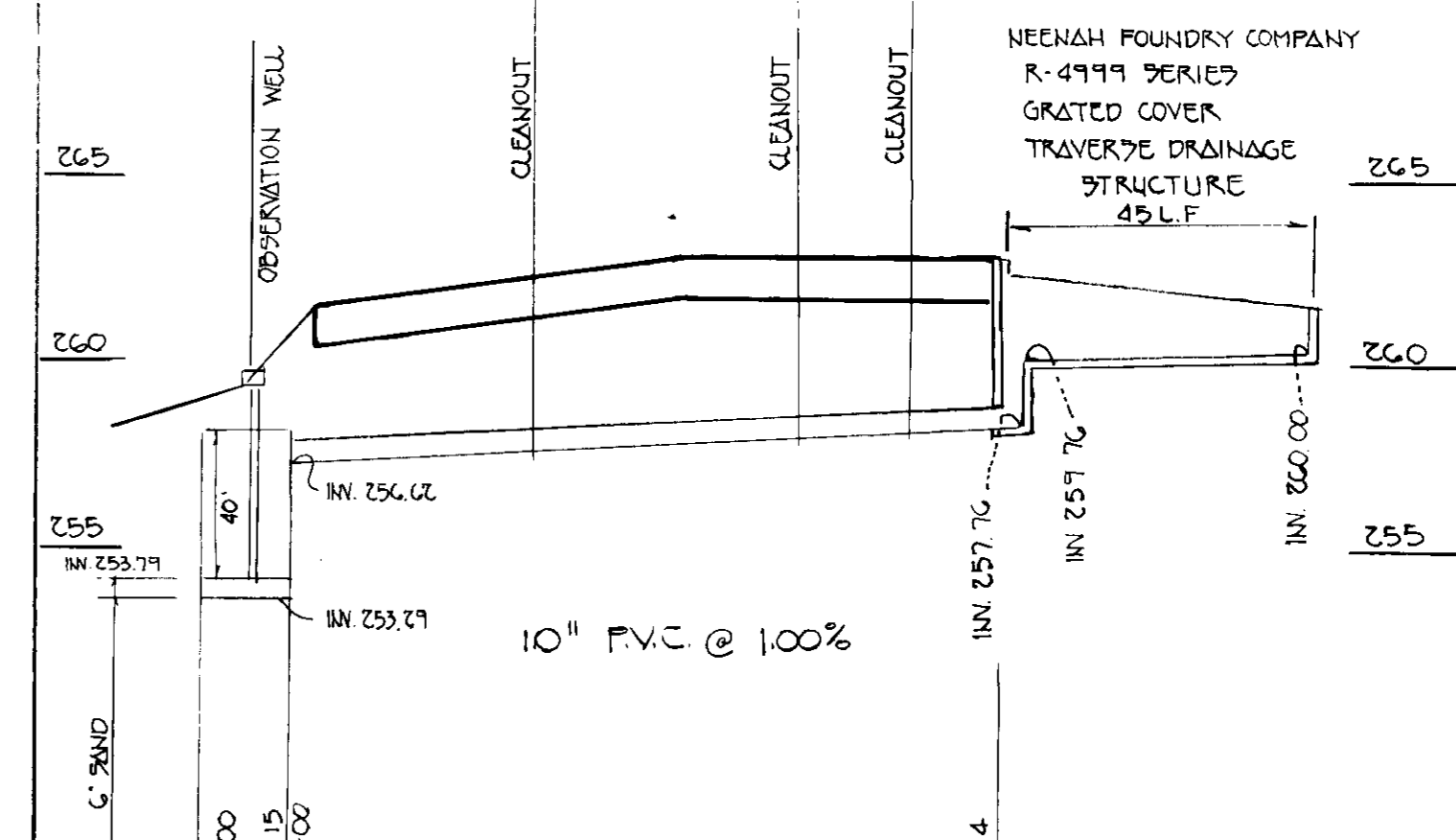
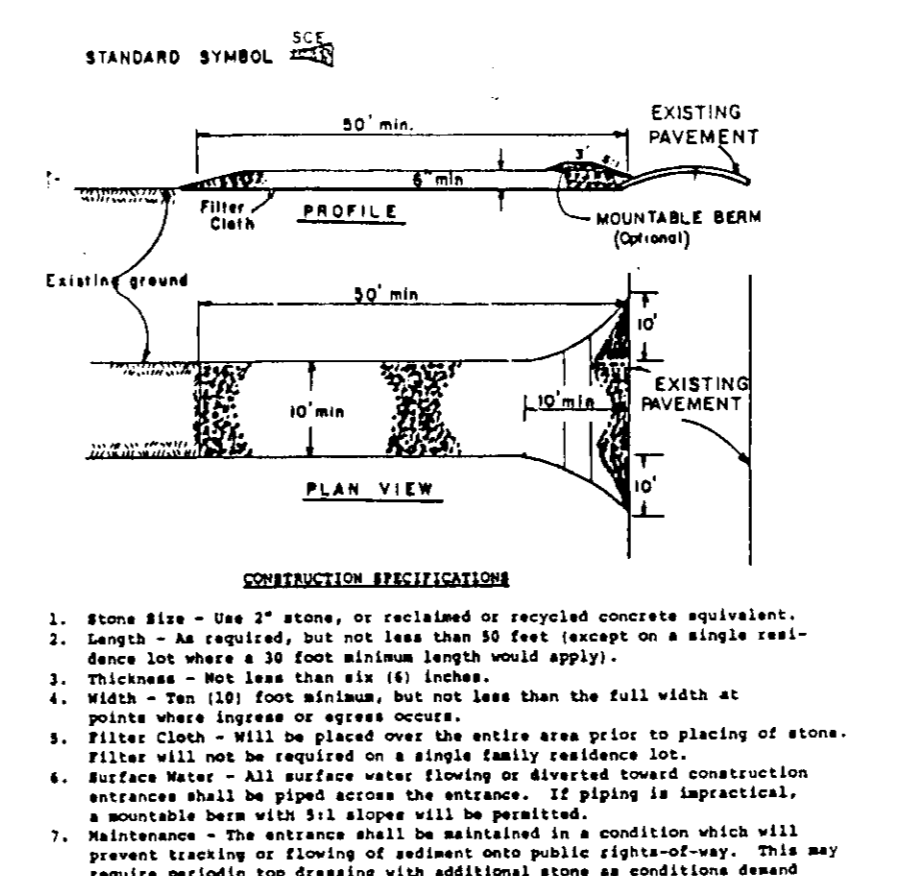
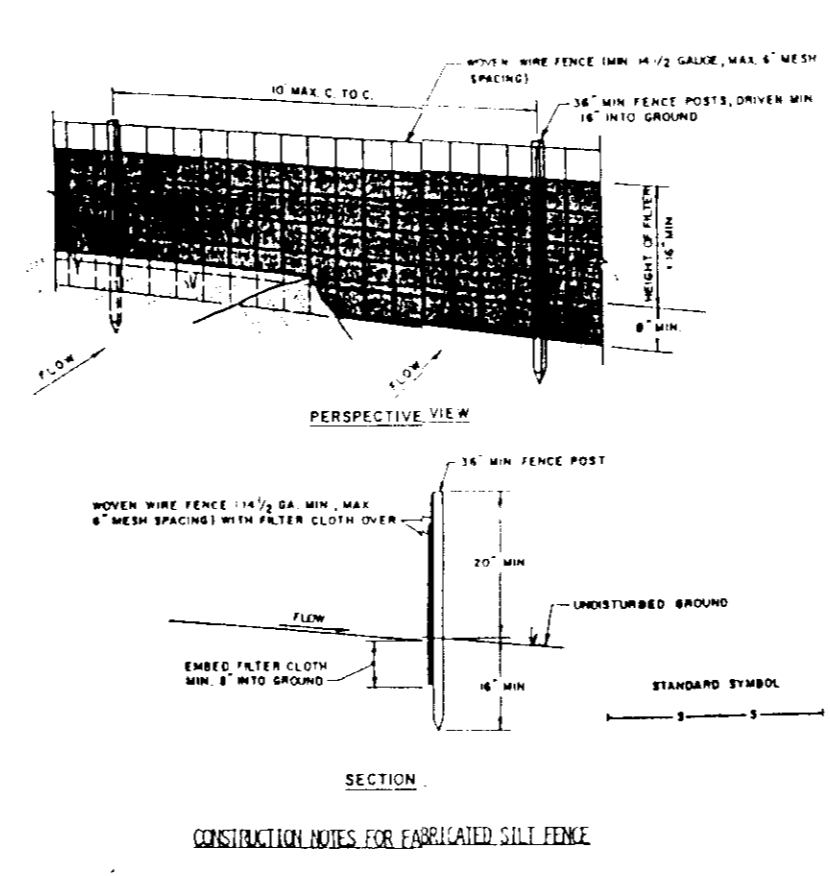
**SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (31.2 LBS/1000 SQ.FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 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 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 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.

**SEDIMENT CONTROL NOTES**

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
- 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.
- 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 GREATER THAN 3:1; b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 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.
- 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) SO2 (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.
- SITE ANALYSIS:**  
 TOTAL AREA OF SITE: 2.03 ACRES  
 AREA DISTURBED: 0.55 ACRES  
 AREA TO BE ROOFED OR PAVED: 0.23 ACRES  
 AREA TO BE VEGETATIVELY STABILIZED: 0.25 ACRES  
 TOTAL CUT: 0 CU. YDS.  
 TOTAL FILL: 100 CU. YDS.  
 \* OFFSITE WASTE/BORROW AREA LOCATION: CU. YDS.
- ANY SEDIMENT CONTROL PRACTICES DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
- 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.
- OFFSITE BORROW AREA MUST BE APPROVED BY EROSION AND SEDIMENT CONTROL INSPECTOR.



**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS - LAND SURVEYORS  
 7171 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21042  
 TELEPHONE: (410) 461-2595  
 FAX: (410) 750-3754

**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.

10/11/93  
 SIGNATURE OF ENGINEER

**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.

10/13/93  
 SIGNATURE OF DEVELOPER

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS  
 J. G. Wainwright 10/15/93  
 U.S. SOIL CONSERVATION SERVICE  
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED: [Signature] 10/15/93  
 DISTRICT HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPT. OF PLANNING AND ZONING  
 PLANNING DIRECTOR [Signature] 11/3/92  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH [Signature] 11/2/92  
 APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS  
 HEALTH OFFICER [Signature] 10-27-93

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.  
 DIRECTOR, PUBLIC WORKS [Signature] 10/20/93  
 CHIEF, BUREAU OF ENGINEERING [Signature] 10/20/93  
 PROPERTY/SUBDIVISION: UNITY DAPTIST CHURCH  
 SECTION/AREA: 701  
 PARCEL/LOT NO: 701  
 PLAT NO./L.F.: 197/597  
 BLOCK NO.: 2  
 ZONE: RA 15  
 TAX/ZONE: 30  
 ELEC. DIST: F1951  
 CENSUS TR.: G012  
 WATER CODE: D-09  
 SEWER CODE: 2150548

**NOTES AND DETAILS**  
**UNITY DAPTIST CHURCH**  
 FIRST ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 TAX MAP 95 GRID 2 PARCEL 701  
 SCALE: 1" = 30'  
 DATE: MAY 14, 1993  
 SHEET 2 OF 3

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 977 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 481-2855

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

*James J. Lee* 10/20/93  
 DIRECTOR, PUBLIC WORKS DATE

*Paul W. Ryan* 10/20/93  
 CHIEF, BUREAU OF ENGINEERING DATE

PROPERTY/SUBDIVISION	SECTION/AREA	PARCEL/LOT NO.
UNITY BAPTIST CHURCH	-	701
PLAT NO./LF.	BLOCK NO.	ZONE
777/557	2	RA 15
TAX/ZONE	ELEC. DIST.	CENSUS TR.
38	FIRST	6012
WATER CODE	SEWER CODE	
D-09	2150548	

APPROVED: DEPT. OF PLANNING AND ZONING

*James R. Smith* 11/3/93  
 PLANNING DIRECTOR DATE

*Gina Swinnamy* 11/2/93  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

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

*Joseph M. Byler* 10-27-93  
 HEALTH OFFICER DATE


**DESIGN DATA**

THE DESIGN PROVIDED WILL PRODUCE FACTORS OF SAFETY OF 2 AGAINST OVERTURNING AND 1.5 AGAINST SLIDING BASED UPON THE FOLLOWING DESIGN PARAMETERS:

INTERNAL SOIL FRICTION ANGLE 30°  
 SOIL DENSITY 115 pcf  
 SOIL BEARING CAPACITY (ALLOWABLE) 1500 pcf  
 WALL INFILL DENSITY 95 pcf  
 UNIFORM SURCHARGE 250 psf

IT IS THE RESPONSIBILITY OF THE OWNER TO ENGAGE A SOILS ENGINEER TO VERIFY THE ON SITE SOIL DATA AND SLOPE STABILITY.

*Colleen J. ...*  
 10/11/93



**MID-ATLANTIC PERMACRIB**

A CG Enterprises Co.  
 10830 Guilford Rd. (310)  
 Annapolis Junction, MD 20701

YR.	BY	DATE
Drawn		
Checked		
SCALE		

UNITY BAPTIST CHURCH

'RETAINING WALL'  
 HOWARD CO., MD  
 SHEET 3 OF 3

PROPOSAL NO. P- CONTACT NO. C- REVISION