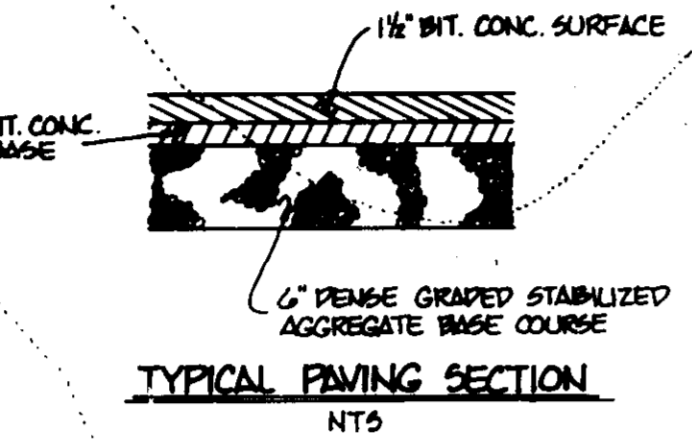
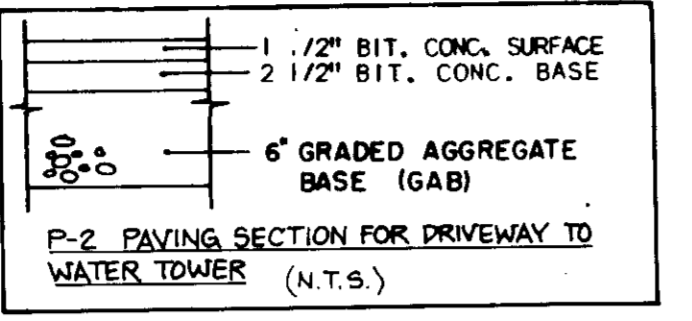
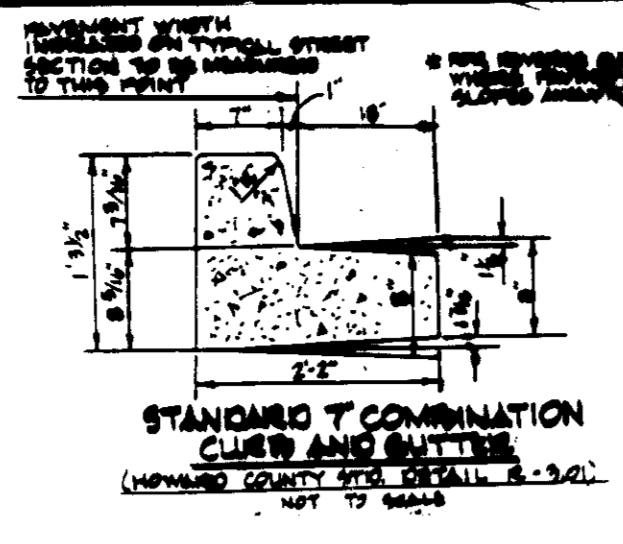


GENERAL NOTES

1. MAXIMUM BUILDING HEIGHT - 18'
2. ALL AREAS NOT BEING PAVED OR RECEIVING BUILDING COVERAGE SHALL BE STABILIZED IN ACCORDANCE WITH THE PLANS APPROVED BY HOWARD SOIL CONSERVATION DISTRICT.
3. ANY DAMAGE TO PUBLIC RIGHT-OF-WAY AND/OR ADJACENT PROPERTIES SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL MAINTAIN AT LEAST A 2' LEVEL BENCH BEHIND ALL CURB AND GUTTER IN FILL AREAS.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE STARTING CONSTRUCTION.
6. ALL SLOPES SHALL BE 2:1 OR FLATTER.
7. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY.
8. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS CONSTRUCTION INSPECTION DIVISION AT 410-213-1000 AT LEAST 24 HOURS PRIOR TO THE START OF WORK.
9. FOR DETAILS OF RAMPS AND SIGNS FOR THE HANDICAPPED, SEE THE MARYLAND BUILDING CODE FOR THE HANDICAPPED AND THE AGED AND AS SHOWN HEREON. SEE SHEET 2 OF 4.
10. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4' COVER OVER ALL PROPOSED WATER LINES.
11. ALL RIP-RAP SHALL BE PLACED ON FILTER CLOTH.
12. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK AT.
13. THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVING, CURB AND GUTTER, ETC. THAT MAY INTERFERE WITH PROPOSED CONSTRUCTION.
14. ALL UTILITIES INSTALLED SHALL RECEIVE FULL TRENCH COMPACTION.
15. ALL WATER MAIN TRENDS, CAPS, ETC. SHALL BE BUTTRESSED IN ACCORDANCE WITH HOWARD COUNTY DESIGN REQUIREMENTS.
16. ALL SIDEWALKS WILL BE 6' WIDE (SEE ARCHITECTURAL PLANS FOR DETAILS).
17. THE OWNER SHALL PROVIDE A SEPARATE AND INDEPENDENT SEWER CONNECTION FOR EACH TENANT OR OCCUPANT OF ANY BUILDING, SHOWN ON THIS SITE DEVELOPMENT PLAN WHO WILL DISCHARGE NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM IF THIS WASTE IS REGULATED UNDER SECTION 18.122A OF THE HOWARD COUNTY CODE. EACH SEPARATE AND INDEPENDENT SEWER CONNECTION SHALL INCLUDE A STANDARD MANHOLE AND OTHER WASTE PRE-TREATMENT DEVICES AS REQUIRED AND APPROVED BY HOWARD COUNTY. WASTE LINES ON THE INTERIOR OF THE BUILDING SHALL BE DESIGNED, CONSTRUCTED OR MODIFIED SUCH THAT NON-DOMESTIC WASTE WILL BE DISCHARGED TO THE SEPARATE AND INDEPENDENT SEWER CONNECTION. NO TENANT OR OCCUPANT OF ANY BUILDING SHOWN ON THIS SITE DEVELOPMENT PLAN SHALL DISCHARGE REGULATED NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM PRIOR TO INSTALLATION OF THE SEPARATE AND INDEPENDENT SEWER CONNECTION AND RELATED INTERIOR WASTE LINES. THE ABOVE REQUIREMENTS SHALL APPLY TO ALL INITIAL AND FUTURE OCCUPANTS OR TENANTS.
18. 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 ASPHALT.
19. ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.



STORMWATER MANAGEMENT MAINTENANCE SCHEDULE

MAINTENANCE ITEM	1	2	3	4
MAINTENANCE FREQUENCY	5	5	5	5
REPAIR DURATION	1	7	8	

1. CHECK WEIR CLOSING
2. CHECK SLOPE STABILIZATION
3. CHECK STRUCTURAL INTEGRITY
4. CHECK OIL LEVEL IN WEIR
5. EVERY THREE MONTHS
6. EVERY SIX MONTHS
7. ONE WEEK MAX.
8. TWO DAYS MAX.

NOTE:
 1. THE SWM FACILITIES ARE PRIVATE
 2. ALL MAINTENANCE, INSPECTIONS AND REPAIR SHALL BE THE RESPONSIBILITY OF THE OWNER.

AS-BUILT CERTIFICATION
 I hereby certify that the facility shown on this plan was constructed as shown on the "as-built" plans and meets the approved plans and specifications.
 PE No. 10568
 Date 11-18-95
 Certify means to state or declare a professional opinion based upon onsite inspections and material tests which are conducted during construction. The onsite inspections and material tests are those inspections and tests deemed sufficient and appropriate by commonly accepted engineering standards. Certify does not mean or imply a guarantee by the engineer nor does an engineer's certification relieve any other party from meeting requirements imposed by contract, employment, or other means, including meeting commonly accepted industry practices.

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 658 KENILWORTH DRIVE, SUITE 100
 TOWSON, MARYLAND 21204
 (410) 825-8120

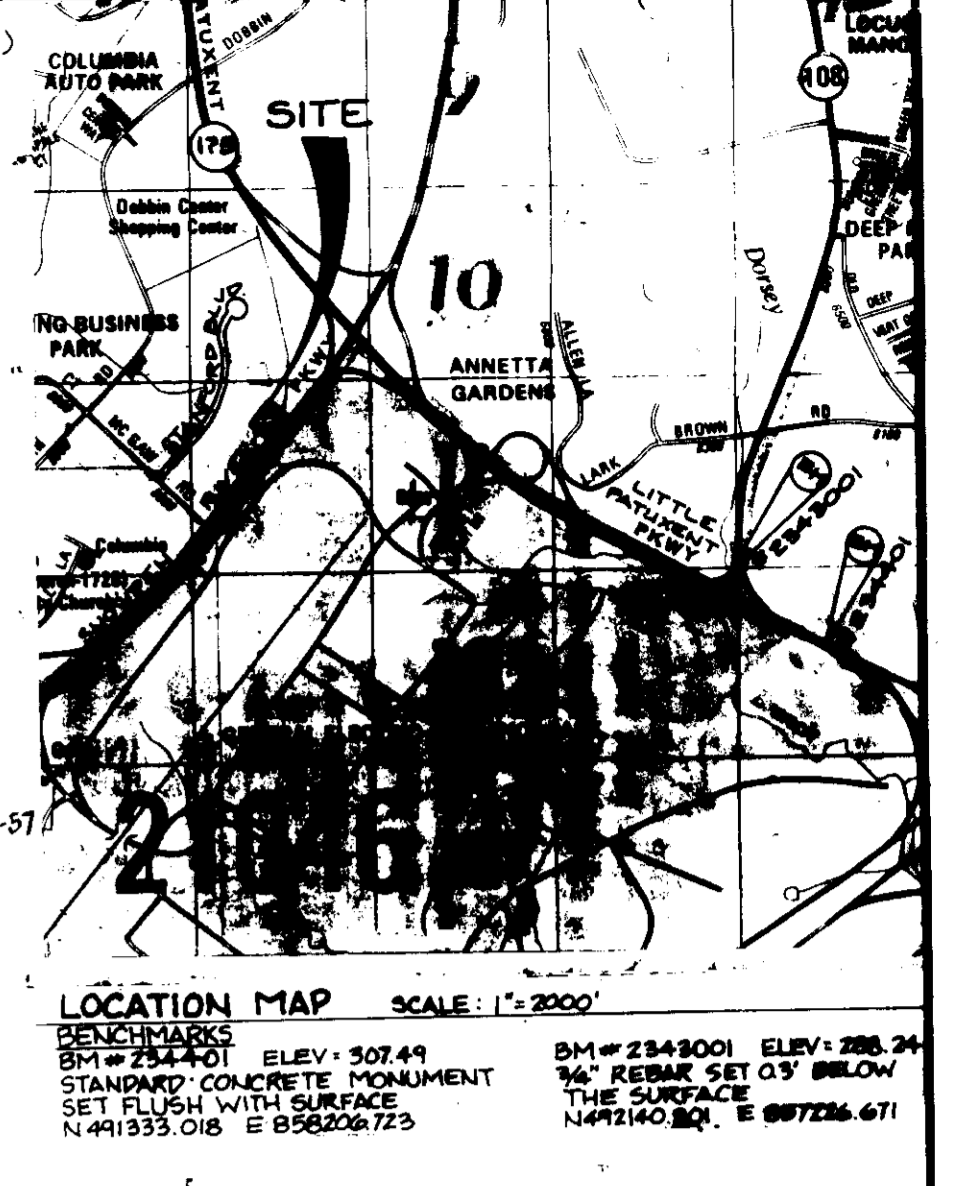
ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 PE No. 10568
 Date 11-18-95
 ENGINEER

OWNER / DEVELOPER
 COLUMBIA CORPORATE PARK ASSOCIATION
MERRITT
 2066 Lord Baltimore Drive
 Baltimore, Maryland 21207
 (410) 294-2800

DEVELOPER'S CERTIFICATE
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPT. 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. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.
 DEVELOPER: *Stanley Swartz* DATE: 1/19/95

SITE PLAN
COLUMBIA CORPORATE PARK
 (FORMERLY PARCELS A-21 & A-22)
FORD LEASING DEVELOPING COMPANY
 PARKING LOT EXPANSION
 HOWARD COUNTY, MARYLAND
 ELECTION DISTRICT #6
 SCALE: 1" = 30'
 NOV 10th 1995
 SUBSET 1 OF 7
 REV. 2/13/94
 SDP-94-49
 PN. 7594

SITE DATA
 (FORMERLY PARCEL A-21 & A-22 Combined)
 TOTAL AREA OF SITE: 8.617 AC ±
 EXISTING ZONING: NEW TOWN EMPLOYMENT CENTER - INDUSTRIAL
 AREA OF SUBMITTAL: 8.417 AC ±
 PROPERTY REFERENCE: PLAT 115500
 EXISTING USE: VACANT
 PROPOSED USE: AUTOMOBILE DEALERSHIP, REPAIR, MAINTENANCE, AND OUTDOOR DISPLAY
 BUILDING COVERAGE: 54,814 SQ. FT. OR 1.26 AC ±
 FLOOR AREA RATIO: 0.15
 AREA TO BE PAVED - BUILDING AREA: 273,228 SQ. FT. OR 6.269 AC ±
 OPEN SPACE: 103,649 SQ. FT. OR 2.38 AC ±
 % OPEN SPACE: 28 %
 % BUILDING COVERAGE: 15 %
 % BUILDING COVERAGE WITH PAVING: 73 %
 TOTAL AREA OF PARKING LOT: 203,493 SQ. FT. OR 4.67 AC ±
 AREA OF LANDSCAPED ISLANDS IN PARKING: 18,032 SQ. FT. OR 0.41 AC ±
 % LANDSCAPED ISLANDS IN PARKING: 8.86 %
 AREA TO BE DISTURBED: 2.54 AC ±
 AREA TO BE VEGETATIVELY STABILIZED: 0.09 AC ±
 PREVIOUS SKETCH NO.: S8724
 PRELIMINARY NO.: 87-43
 FINAL PLAN NO.: P-99-248
 PREVIOUS SEP. PLANS AND 93-57
PARKING TABULATION (PARCELS A-21 & A-22) (THIS PLAN)
 AREA OF OUTDOOR DISPLAY: 11,630 SQ. FT.
 NO. OF SPACES REQUIRED: 1 P.S./1000 S.F. DISPLAY = 32
 NO. OF SPACES PROVIDED: 32 (INCLUDES 2 HANDICAPPED)
 NO. OF OUTDOOR SPACES: 164
TOTAL SPACES: 196
PARKING TABULATION (PARCELS A-21 & A-22) (EXISTING DEALERSHIP) SDP 93-57
 AREA OF SALES FOR VEHICLES & PARTS: 6,750 SQ. FT.
 AREA OF SHOP, REPAIR, & SERVICE: 42,376 SQ. FT.
 AREA OF OFFICE: 5,480 SQ. FT.
PARKING REQUIRED:
 RETAIL: 5 P.S./1000 S.F. 6,750 S.F. = 34 SPACES
 SHOP, REPAIR, & SERVICE: 1 P.S./1000 S.F. 42,376 S.F. = 42 SPACES
 OFFICE: 2 P.S./1000 S.F. 5,480 S.F. = 12 SPACES
 25 EMPLOYEES @ 1 P.S./2 EMPLOYEES = USE 13 SPACES
 132 SPACES REQ'D
TOTAL SPACES PROVIDED PER SDP: 93-57: 132 SPACES PROVIDED



LEGEND

- EX. GRADE
- PROP. GROUND
- EX. CONC. CURB & GUTTER
- PROP. CONC. CURB & GUTTER
- PROPERTY LINE
- BUILDING RESTRICTION LINE
- EX. WATER LINE
- PROP. WATER LINE
- EX. STORM DRAIN
- PROP. STORM DRAIN
- EX. SANITARY SEWER
- PROP. SANITARY SEWER
- PROP. HANDICAPPED PARKING

NO. OF PARKING SPACES (DISPLAY) 6
 LIMIT OF SUBMITTAL 6
 NO. OF PARKING SPACES 6

THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.
John K. Blanton 2/12/95
 APPROVED HOWARD SOIL CONSERVATION DISTRICT

PLAN NUMBER _____ DATE _____
 REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
Patricia E. Blanton 2/12/95
 U.S. SOIL CONSERVATION SERVICE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER _____ DATE _____
 APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Robert B. Blanton 2/12/95
 DATE

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM, AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James J. Blanton 1/30/95
 DATE
Paul J. Blanton 1/27/95
 BUREAU OF ENGINEERING DESIGN

ADDRESS CHART

BUILDING NO.	STREET ADDRESS
1	6620 STANFORD BLVD.

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL			
COLUMBIA CORPORATE PARK	N/A	A-23			
PLAT NO. OR L/F	BLOCK NO.	ZONE	AX MAP	ELECT. DIST.	CENSUS TRACT
115500	24	EG-IND	36	6	6067.05
WATER CODE	SEWER CODE				
EOC	5535000				

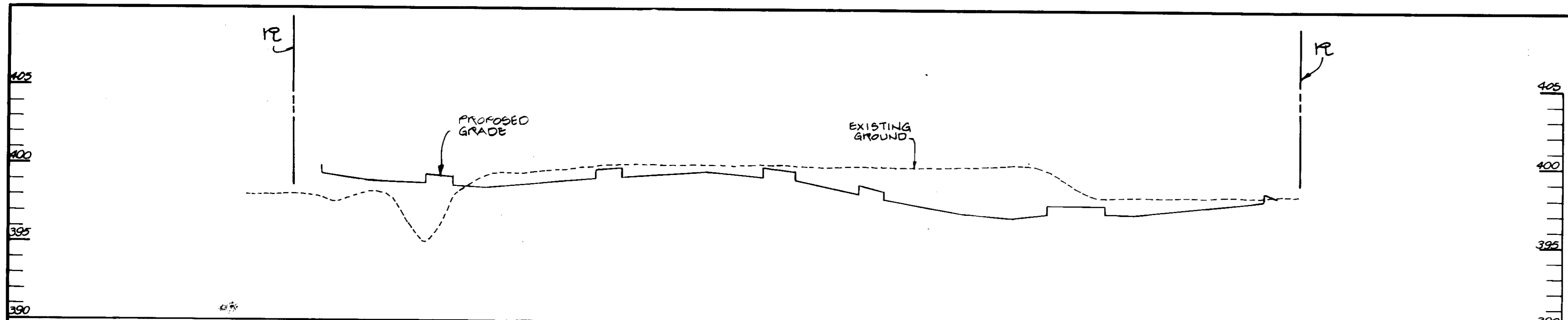
SHEET INDEX

SHT 1 - SITE & GRADING PLAN
SHT 2 - SECTIONS & DETAILS
SHT 3 - SECTIONS & DETAILS
SHT 4 - STORMWATER MANAGEMENT DETAILS
SHT 5 - SEDIMENT & EROSION CONTROL
SHT 6 - SEDIMENT & EROSION CONTROL DETAILS
SHT 7 - LANDSCAPE PLAN

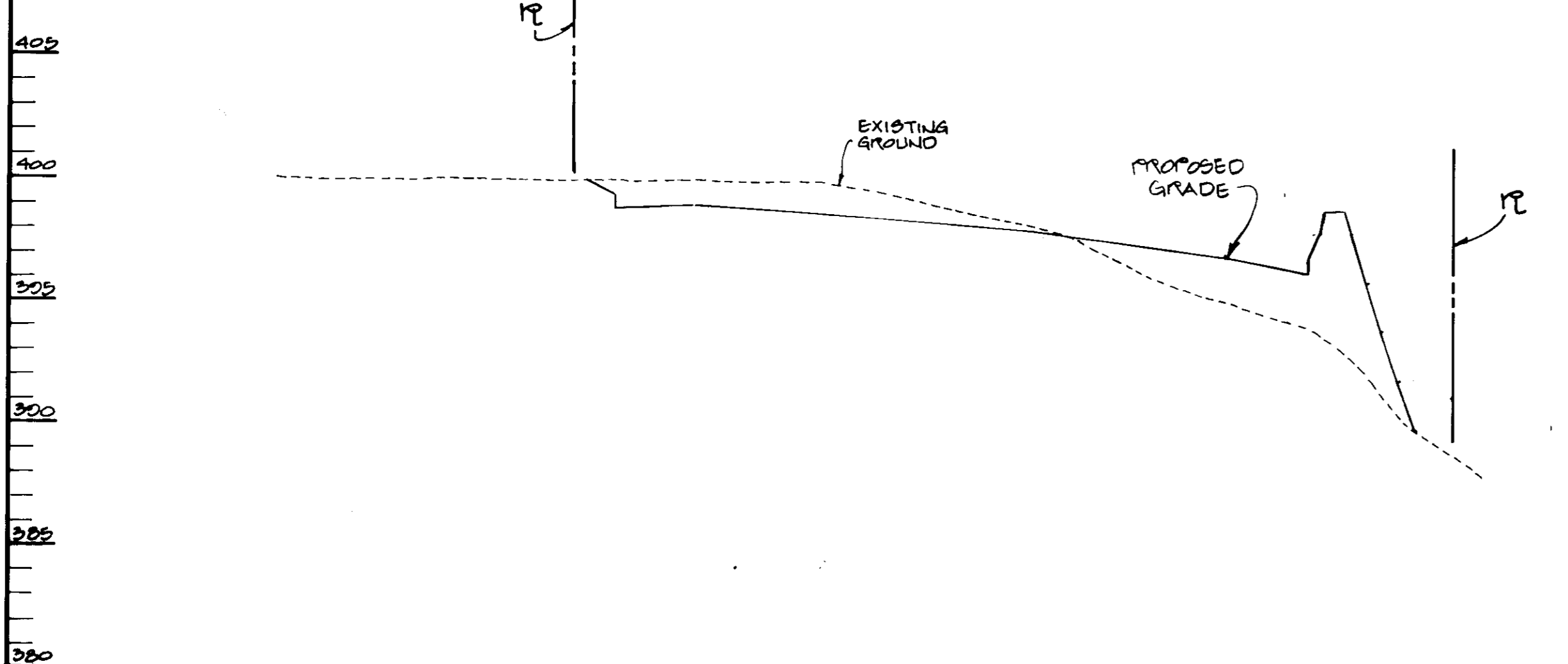
VEHICULAR INGRESS & EGRESS IS RESTRICTED.
 SNOWDEN RIVER PARKWAY
 (150' WIDE) INGRESS AND EGRESS RESTRICTED
 NOTE: VEHICULAR INGRESS AND EGRESS RESTRICTED

9-1-94

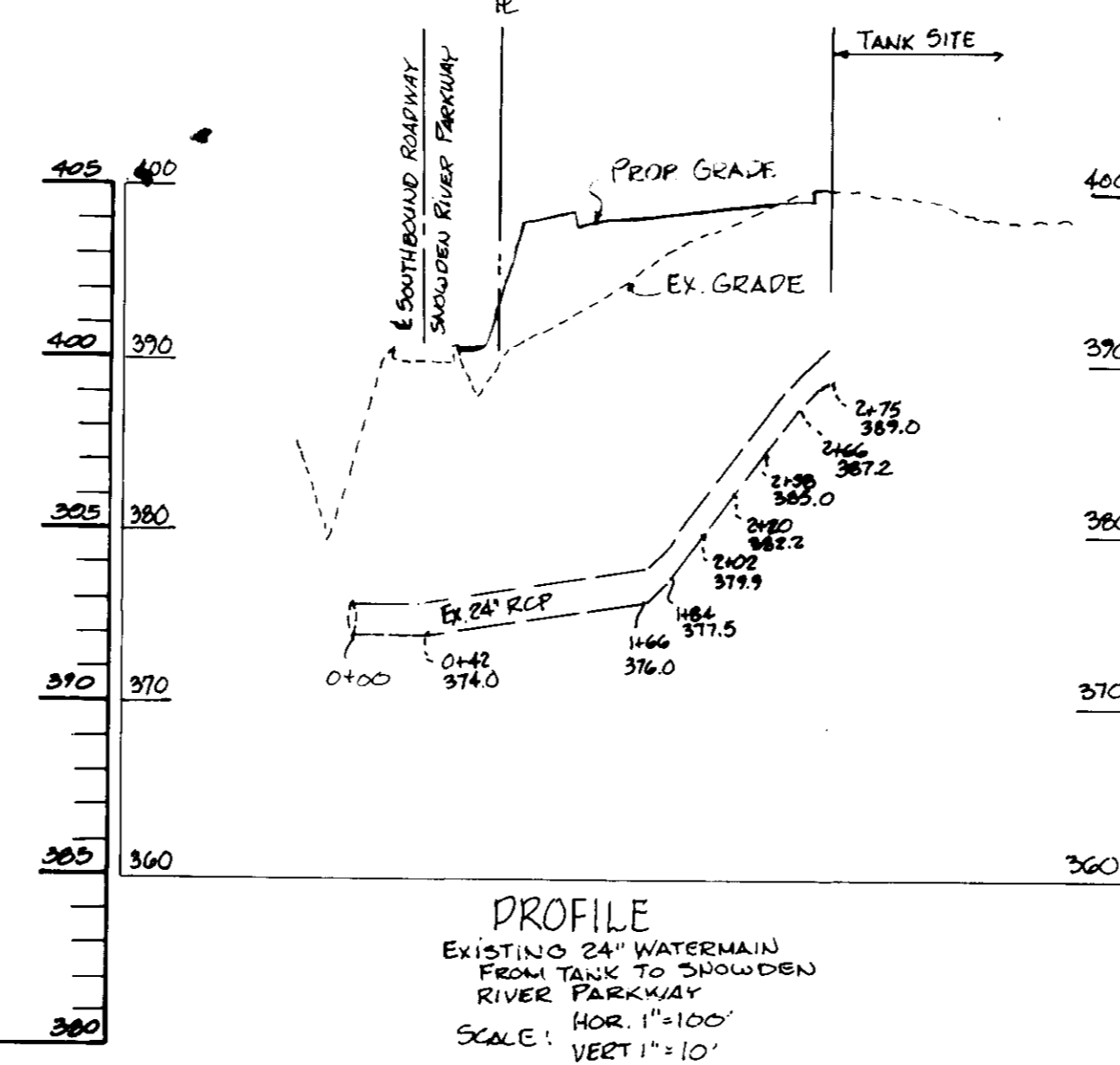
AS-BUILT SWM 11/2/95



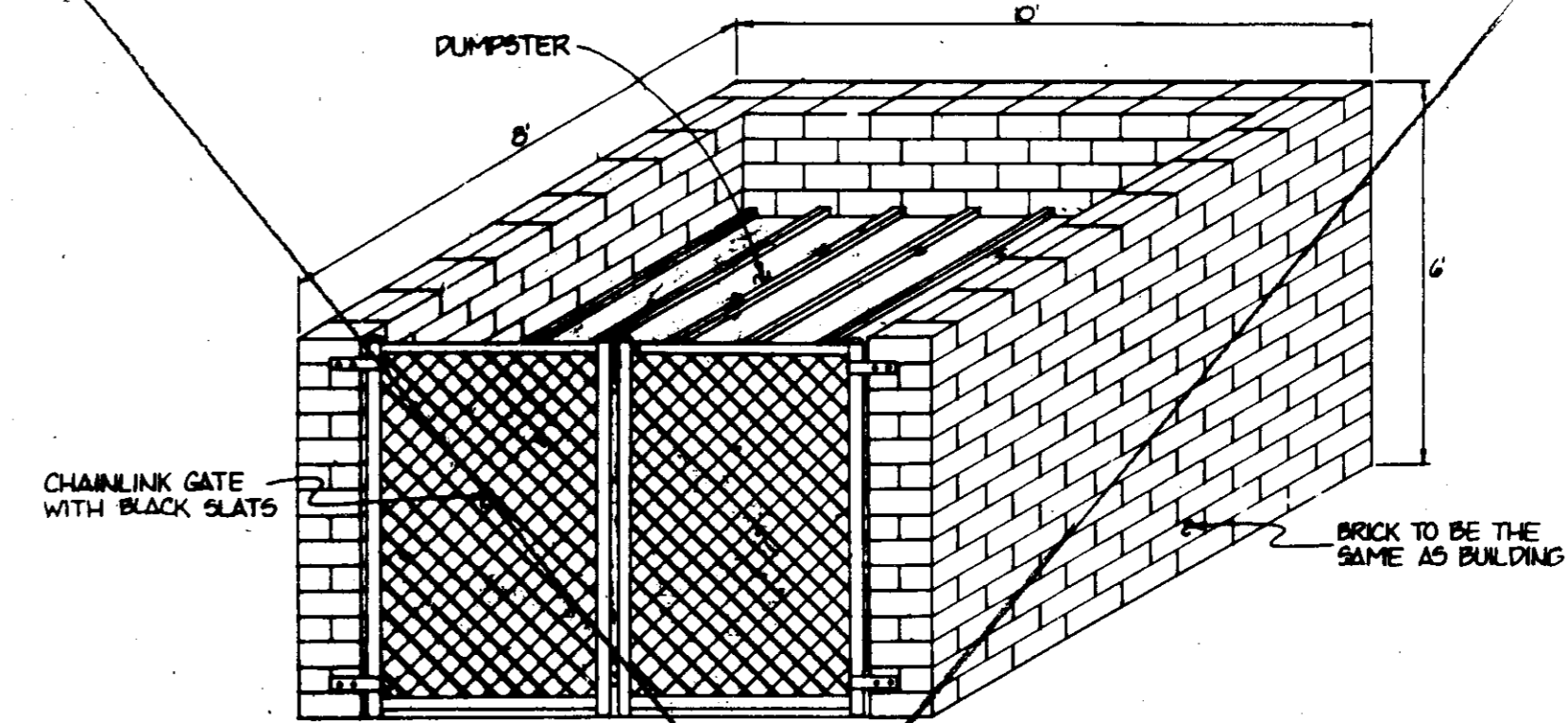
SECTION A-A
SCALE: 1" = 30' HORIZ.
1" = 5' VERT.



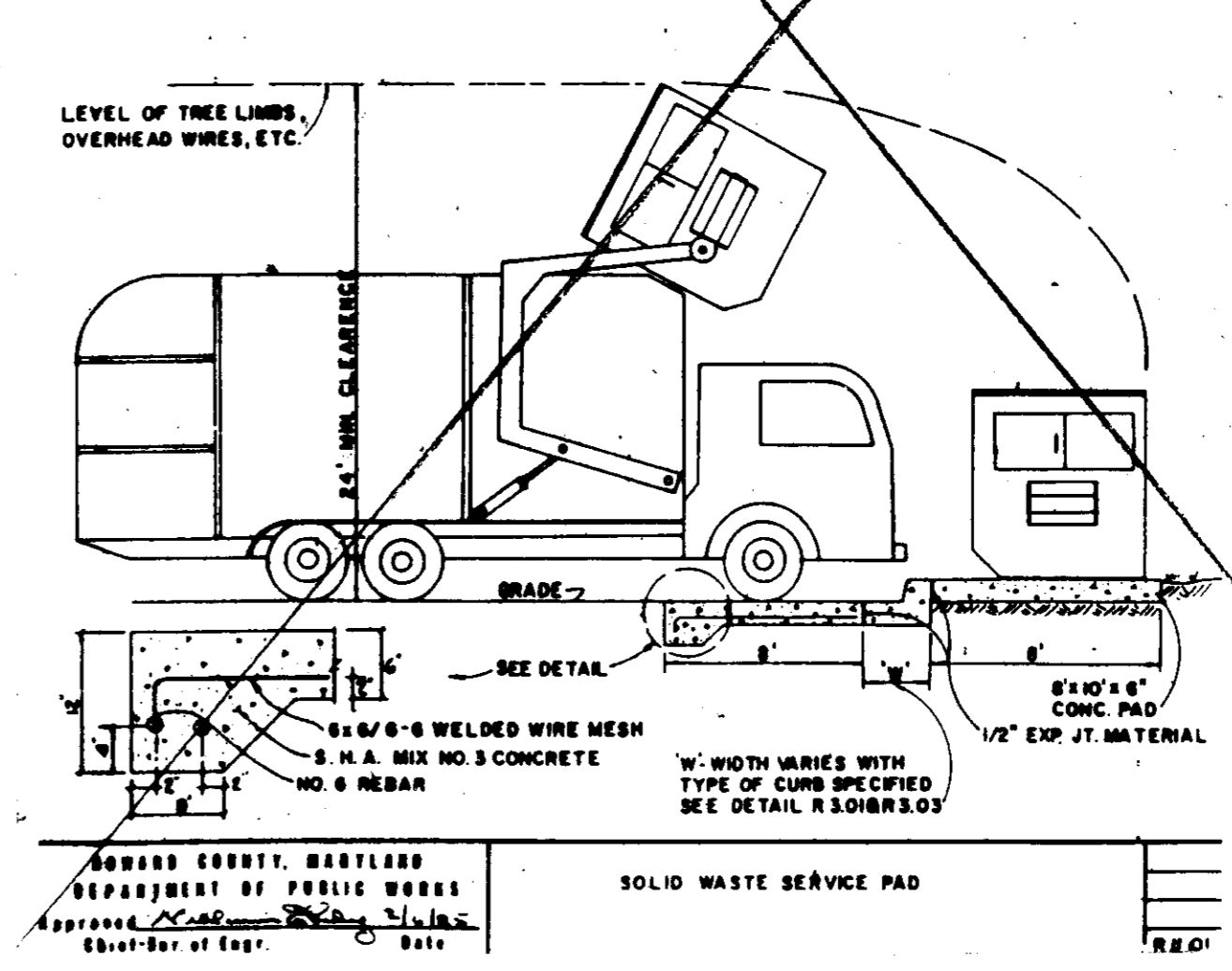
SECTION B-B
SCALE: 1" = 30' HORIZ.
1" = 5' VERT.



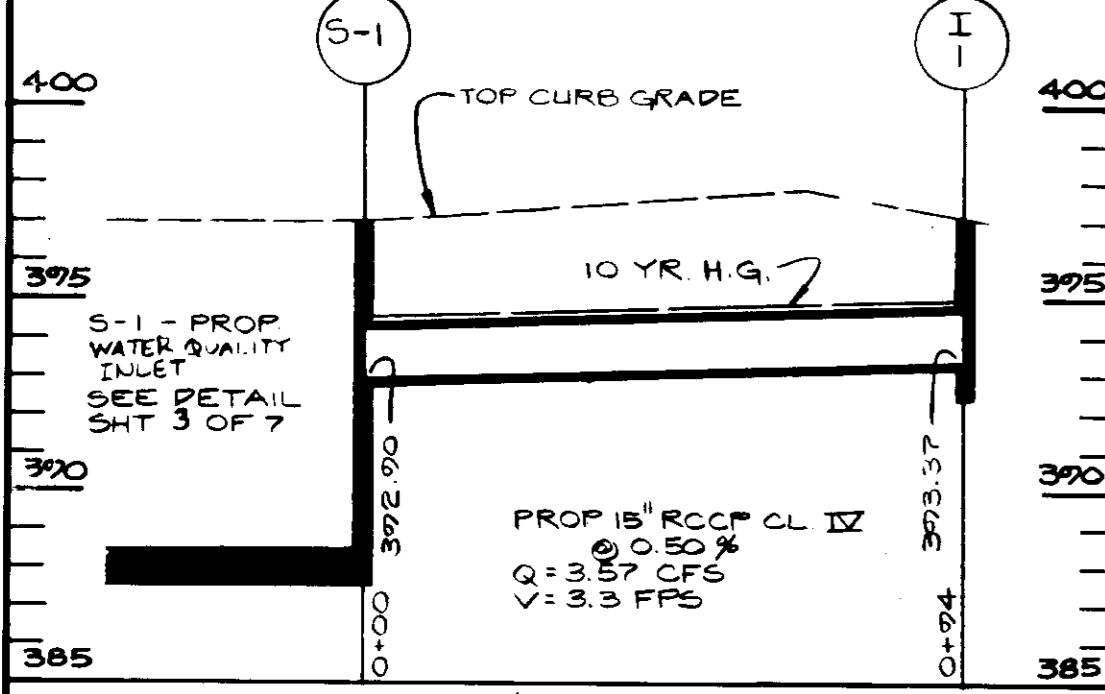
PROFILE
EXISTING 24" WATERMAIN
FROM TANK TO SNOWDEN
RIVER PARKWAY
SCALE: 1" = 100' HORIZ.
1" = 10' VERT.



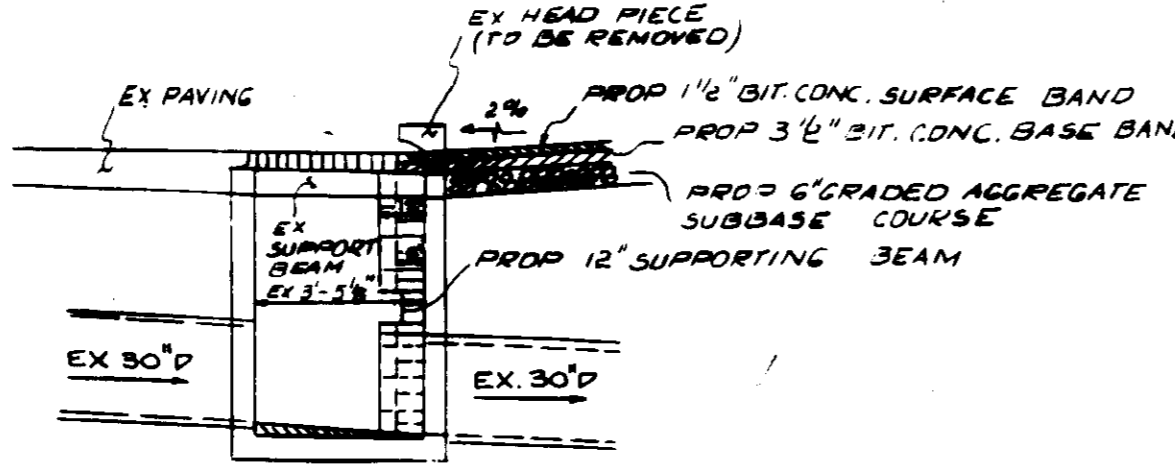
PROPOSED DUMPSTER ENCLOSURE



SOLID WASTE SERVICE PAD

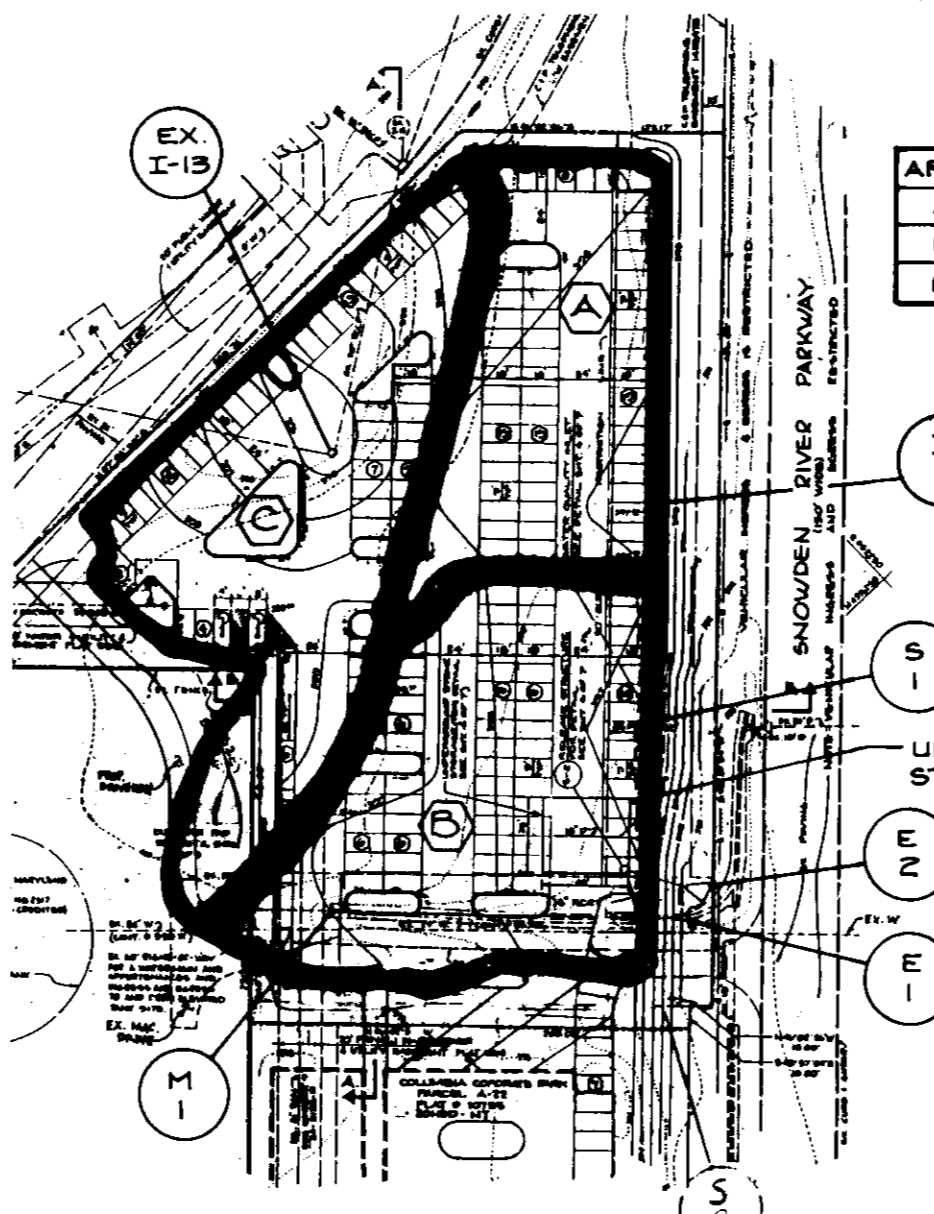


PROFILE OF PROPOSED 15" RCCP
SCALE: HOR. 1" = 30'
VERT. 1" = 5'

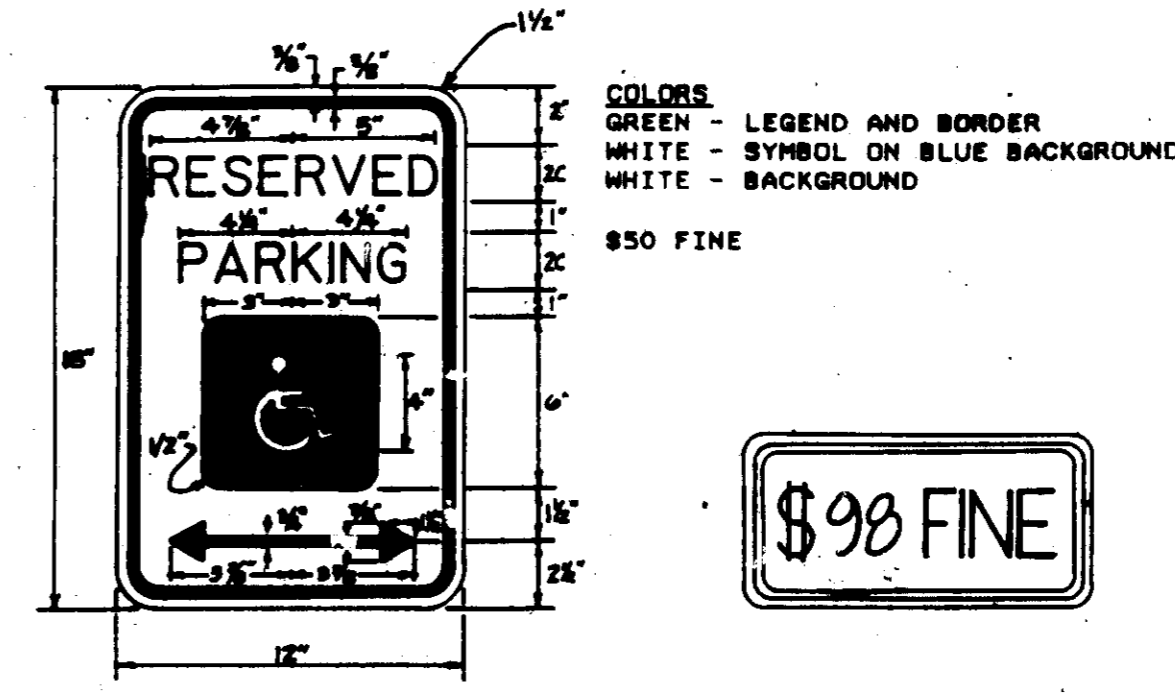


STRUCTURE SCHEDULE					
NO.	TYPE	TOP ELEV.	INV. IN	INV. OUT	REMARKS
I-1	A-5	397.10	---	393.00	HOW. CO. STP. 5D 4.01
M-1	SHALLOW	399.00	394.90	394.90	HOW. CO. STP. 4 5.05
E-1	CONC. END SECTION	389.15	---	387.90	HOW. CO. STP. 5D 5.52
E-2	CONC. END SECTION	389.50	---	388.00	HOW. CO. STP. 5D 5.52
S-1	WATER QUALITY INLET	397.20	396.25	390.50	SEE DETAIL SHT 3 OF 7
S-2	RELEASE STRUCTURE	397.15	---	388.50	SEE DETAIL SHT 4 OF 7

AREA	ACRE ±	C-FACTOR
A	0.49	0.80
B	1.03	0.80
C	0.69	0.72

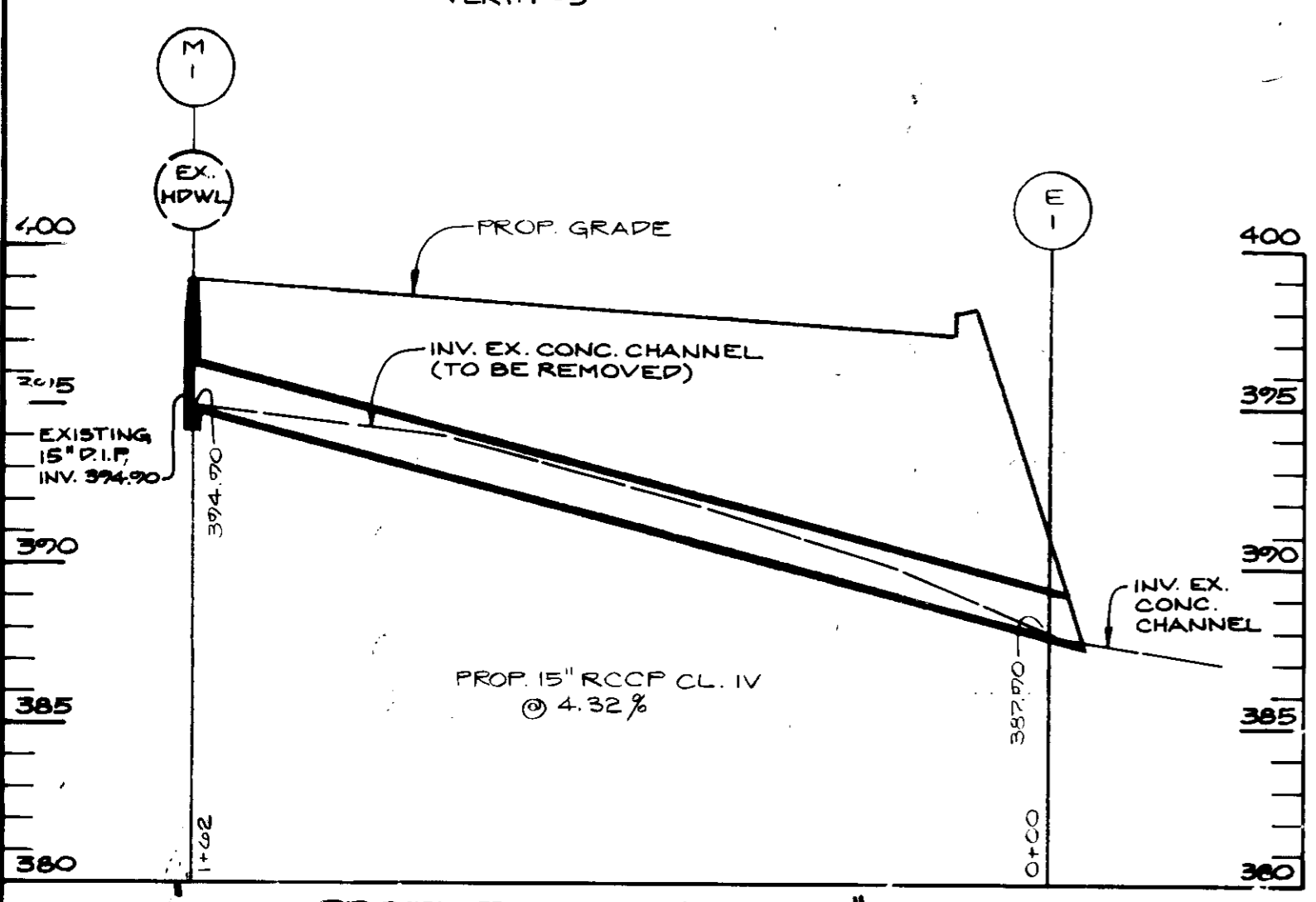


STORM DRAIN DRAINAGE AREA MAP
SCALE: 1" = 100'



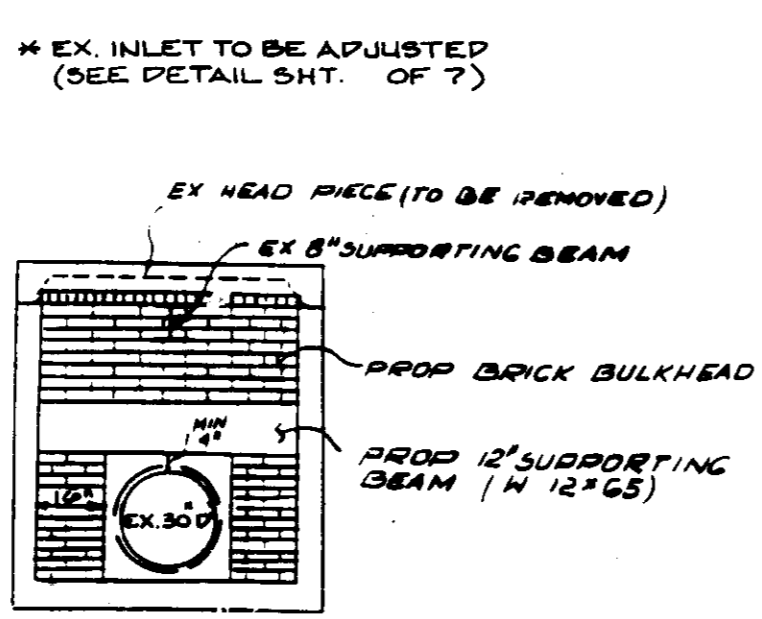
STANDARD R7-8 RESERVE PARKING SIGN

\$50 FINE SIGN
SIGN TO UTILIZE AN ALUMINUM BLANK 6" x 12" x 0.080 INCH THICK WITH TWO SINGLE POST MOUNTING HOLES.
THE TEXT AND BORDER SHALL BE STANDARD GREEN TO MATCH THAT ON R7-8 AND, THE BACKGROUND SHALL BE REFLECTIVE WHITE. TEXT SHALL BE IN 3" CHARACTERS.
SIGN SHALL BE MOUNTED DIRECTLY BELOW THE STANDARD R7-8 RESERVED PARKING FOR HANDICAPPED SIGN. ITS BOTTOM EDGE SHALL BE NO LESS THAN 7 FEET ABOVE GROUND. IF THE SIGN IS PLACED AGAINST A BUILDING, STRUCTURE, OR OTHER LOCATION WHERE VEHICLE OR PEDESTRIAN TRAFFIC IS NOT OBSTRUCTED THE BOTTOM EDGE OF THE SIGN SHALL BE AT LEAST 6 FEET BUT NOT MORE THAN 10 FEET ABOVE GROUND.



PROFILE OF PROPOSED 15" RCCP
SCALE: HOR. 1" = 30'
VERT. 1" = 5'

SECTION E-E*
N.T.S.



SECTION F-F*
N.T.S.

THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

John R. Peltan 2/1/95
APPROVED: HOWARD SOIL CONSERVATION DISTRICT

PLAN NUMBER _____ DATE _____

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Patricia E. Johnson 2/2/95
U.S. SOIL CONSERVATION SERVICE DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS
TOWNSHIP HEALTH DEPARTMENT

VIA THE COUNTY HEALTH OFFICER DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James J. Sullivan 2/13/95
DIRECTOR DATE

Jim Summerville 2/10/95
CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM, AND PUBLIC ROAD.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Sullivan 1/30/95
DIRECTOR DATE

Robert J. ... 1/27/95
CHIEF BUREAU OF ENGINEERING DATE

ADDRESS CHART

BUILDING NO.	STREET ADDRESS
1	8820 STANFORD BLVD

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
COLUMBIA CORPORATE PARK	N/A	A-23

PLAT NO. OR LIF	BLOCK NO.	ZONE	TAX MAP	ELECT. DIST.	CENSUS TRACT
11590	24	EC-IND	36	G	6067-03

WATER CODE: EOC SEWER CODE: 5333000

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
658 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21204
() 825-8120

ENGINEER CERTIFICATION
"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."

Engineer: *R.L. Umberger* Date: 1-19-95
Name: R.L. Umberger PE # 16568

OWNER / DEVELOPER
COLUMBIA CORPORATE PARK ASSOCIATES
MERRITT
2066 Lord Baltimore Drive
Baltimore, Maryland 21207
(410) 298-2600

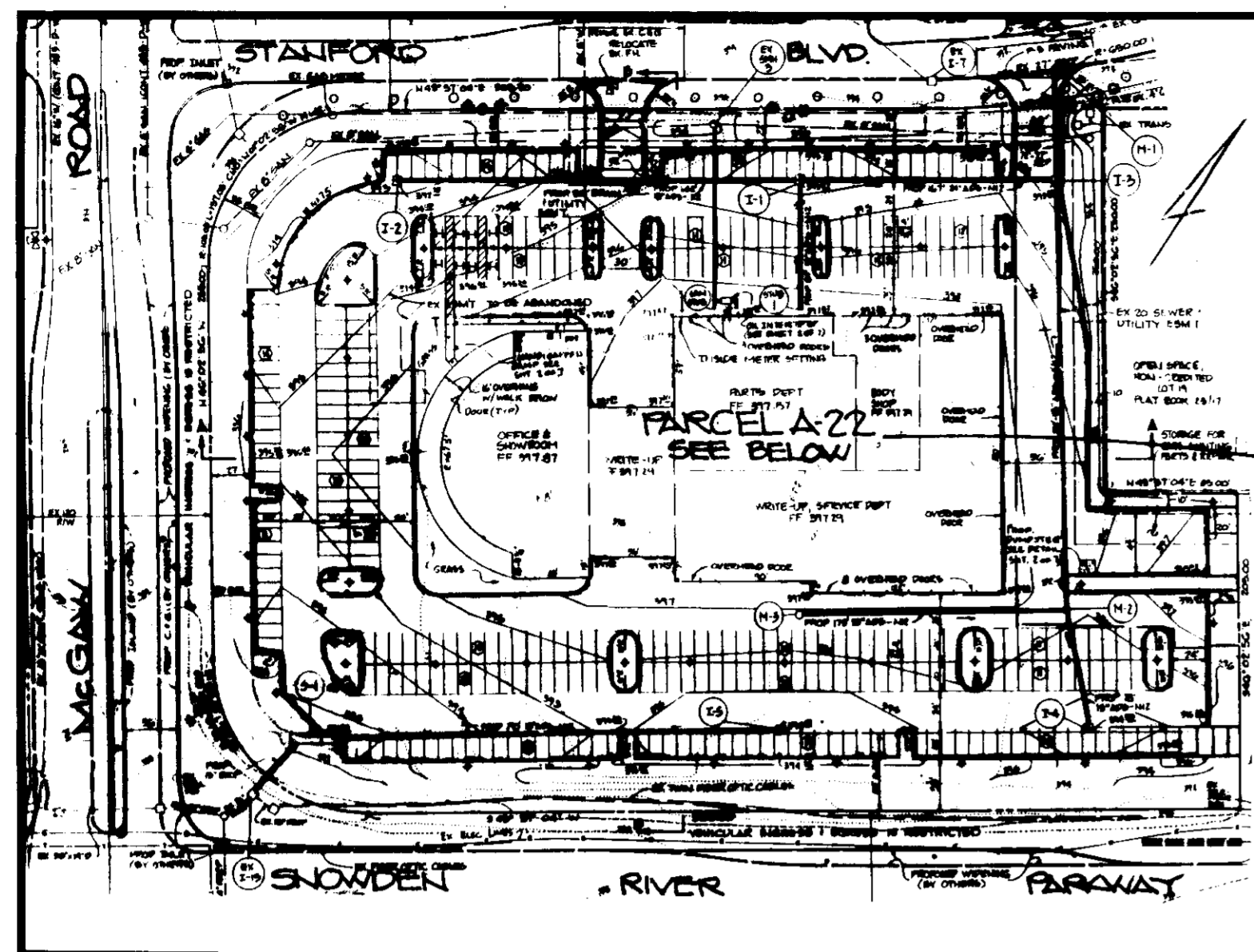
DEVELOPER CERTIFICATION
"I certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

Developer: *Randy Swartz* Date: 1/19/95
Name: _____

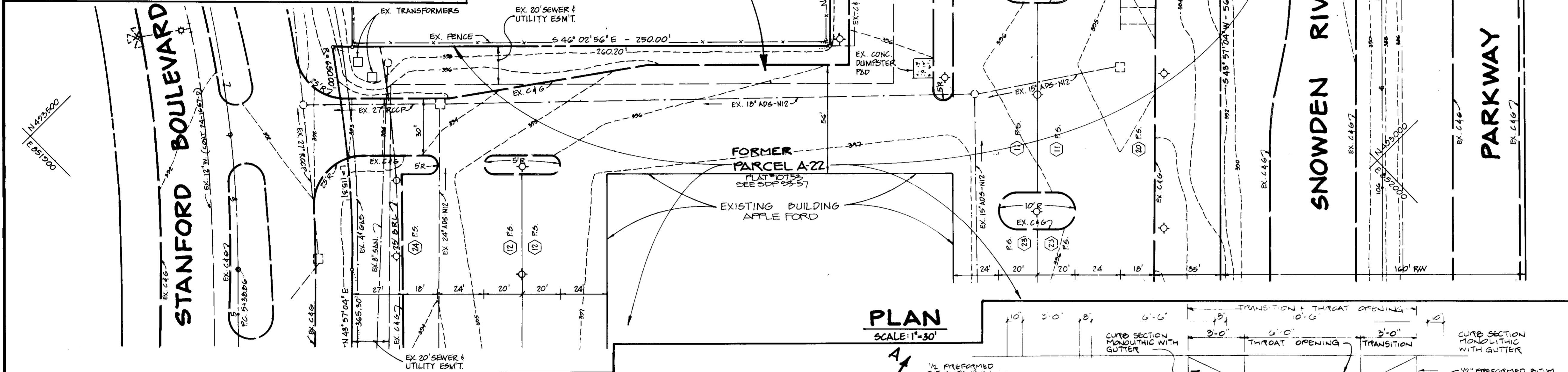
DESIGNED: *GR*
DRAWN: *BVT*
CHECKED: *GR*
REVISIONS: _____

SECTIONS & DETAILS
FORD LEASING DEVELOPING COMPANY
COLUMBIA CORPORATE PARK
PARCEL A-23
(FORMERLY PARCELS A-201A-21)
HOWARD COUNTY, MARYLAND DATE: NOV. 1st, 1995
ELECTION DISTRICT #G SCALE: AS SHOWN

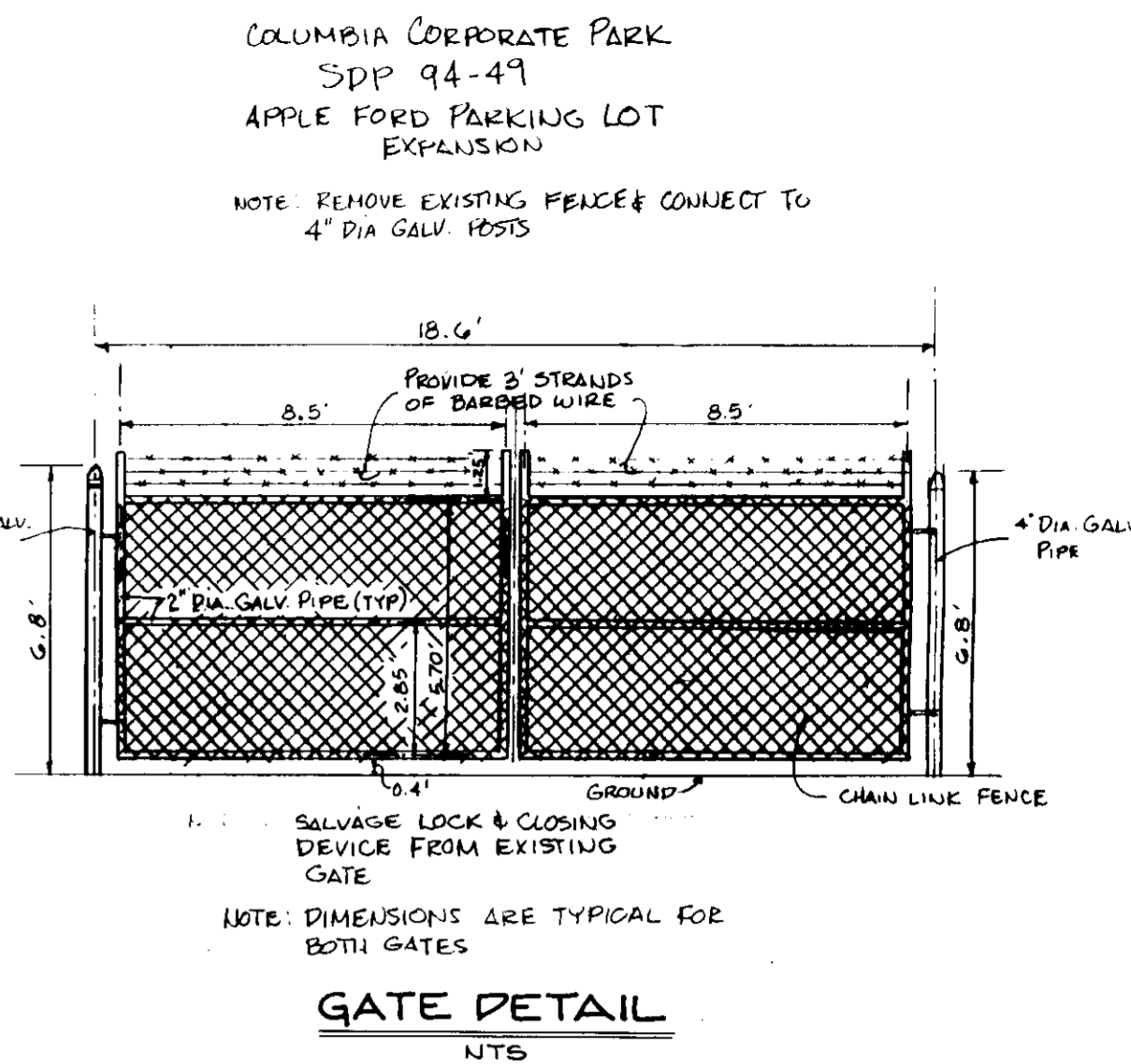
SHEET 2 OF 7 REV. 2/23/94
SDP-94-49 PH. 7554



HOWARD COUNTY, MARYLAND
593-492

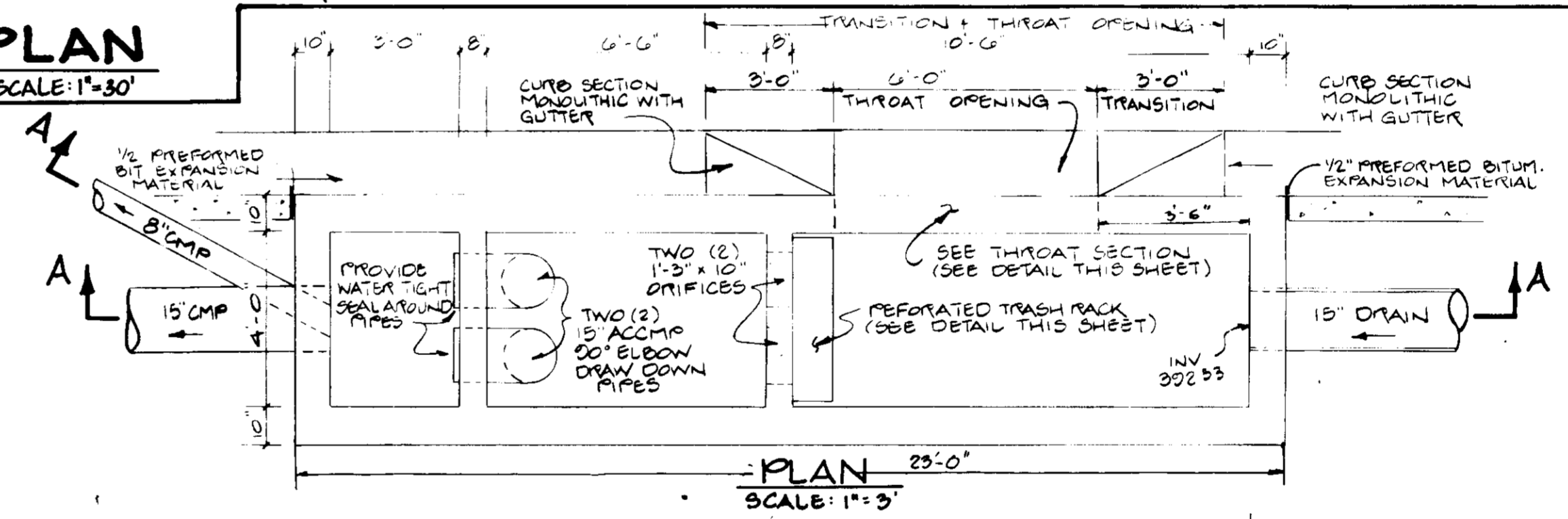
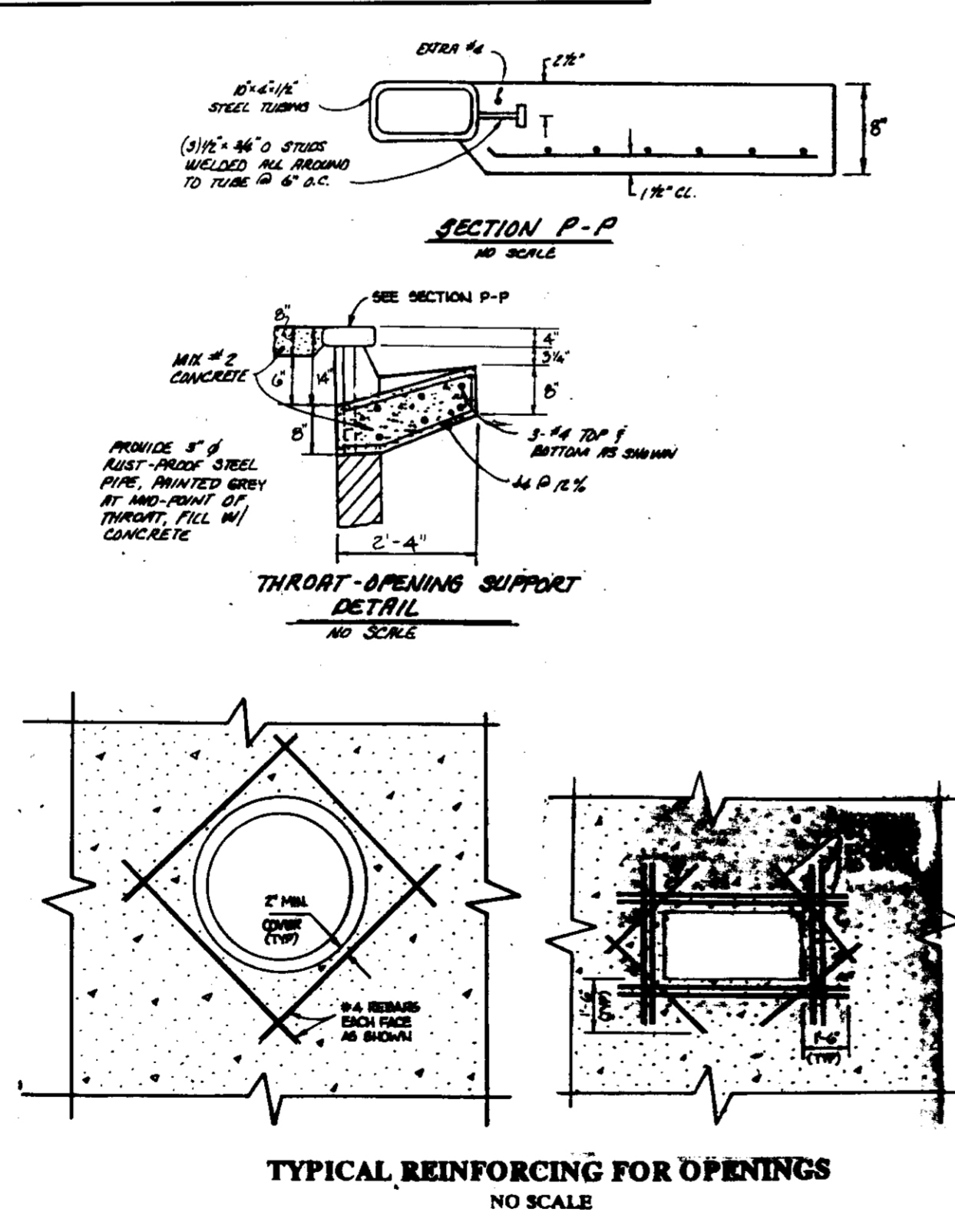
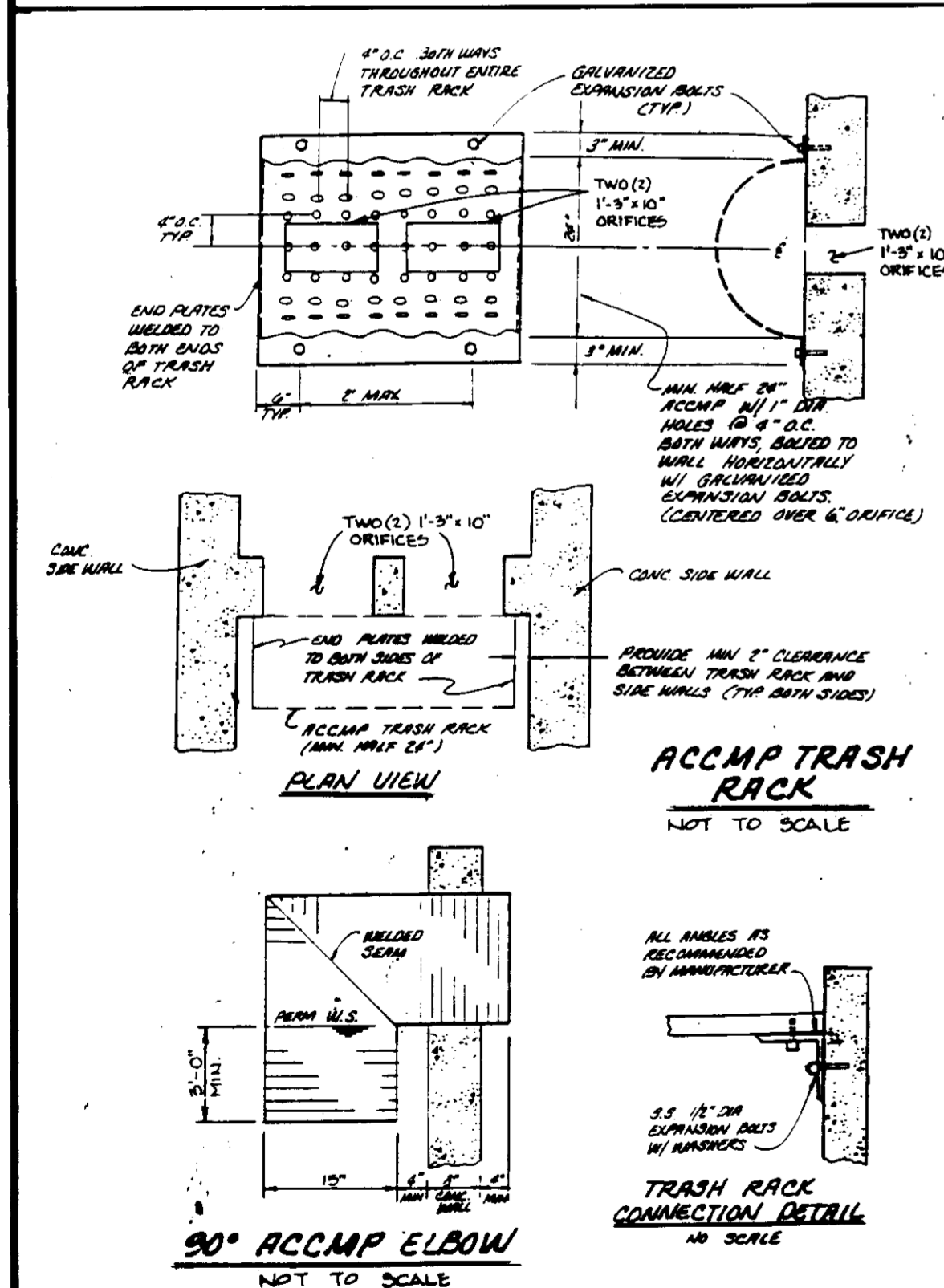


PLAN
SCALE: 1"=30'

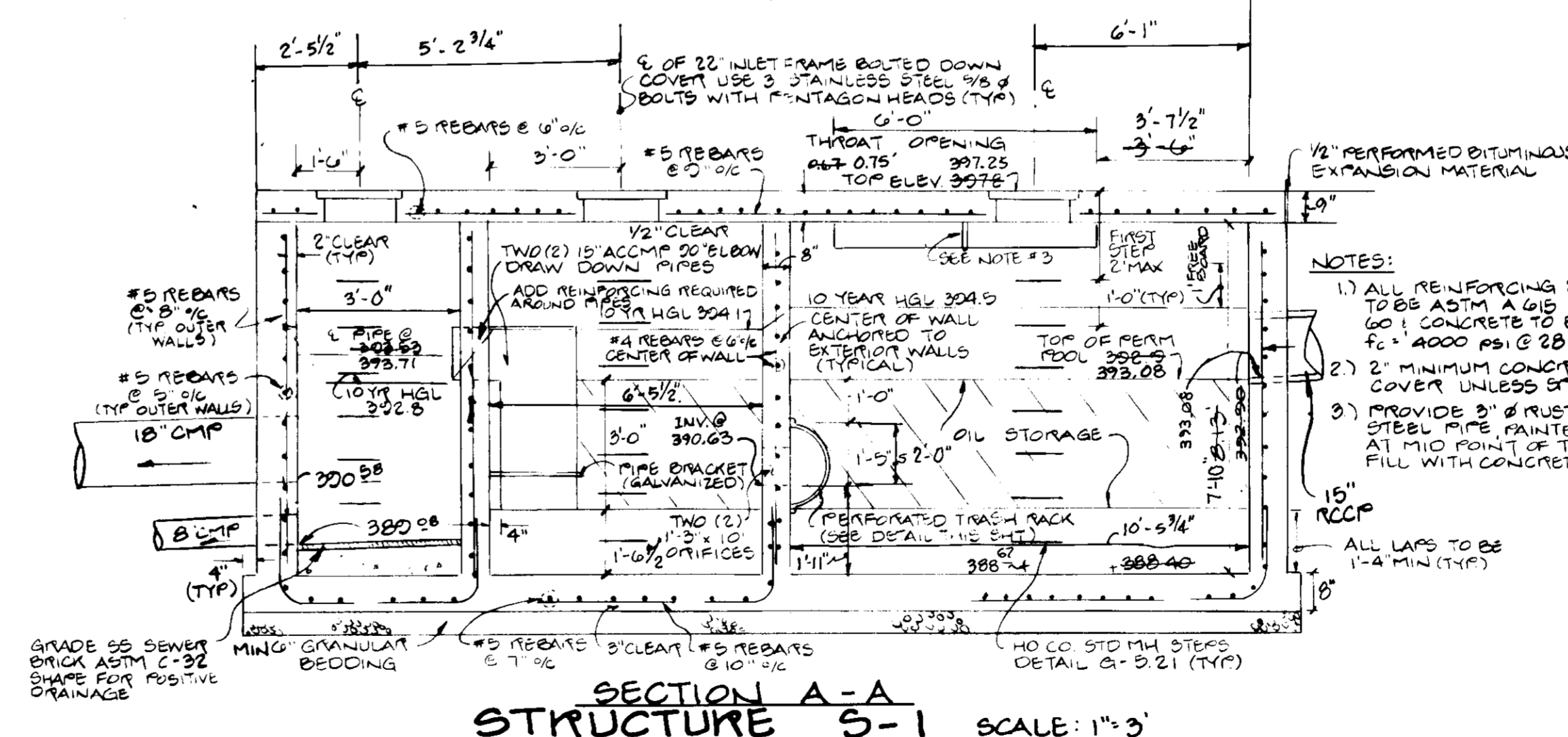


GATE DETAIL
NTS

9-1-94



PLAN
SCALE: 1"=3'



SECTION A-A
STRUCTURE S-1
SCALE: 1"=3'

THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL, MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

John R. Roberts 2/13/95
APPROVED: HOWARD SOIL CONSERVATION DISTRICT

PLAN NUMBER: _____ DATE: _____

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Patricia S. Goff 2/13/95
APPROVED: U.S. SOIL CONSERVATION SERVICE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

U.S. COUNTY HEALTH OFFICER: _____ DATE: _____

AFFIRMED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

John R. Roberts 2/13/95
DIRECTOR

Olga Sursumaru 2/10/95
CHIEF DIVISION OF LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS AND PUBLIC ROAD
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Slavin 1/30/95
DIRECTOR

Robert J. Segan 1/27/95
CHIEF BUREAU OF ENGINEERING

ADDRESS CHART

BUILDING NO.	STREET ADDRESS
1	8520 STANFORD BLVD.

SUBDIVISION NAME	SECTION AREA	LOT/PARCEL
COLUMBIA CORPORATE PARK	N/A	A-23

PLAT NO. OR LIF	BLOCK NO.	ZONE	TAX MAP	ELECT. DIST.	CENSUS TRACT
11590	24	NT	36	6	6067.03

WATER CODE	SEWER CODE
EOC	5335900

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
658 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21204
(410) 825-8120

ENGINEER CERTIFICATION

"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."

Engineer: *R.L. Umbarger* Date: 1-19-95
Name: R.L. Umbarger PE # 10568

OWNER / DEVELOPER
COLUMBIA CORPORATE PARK ASSOCIATES
MERRITT
2066 Lord Baltimore Drive
Baltimore, Maryland 21207
(410) 236-2800

DEVELOPER CERTIFICATION

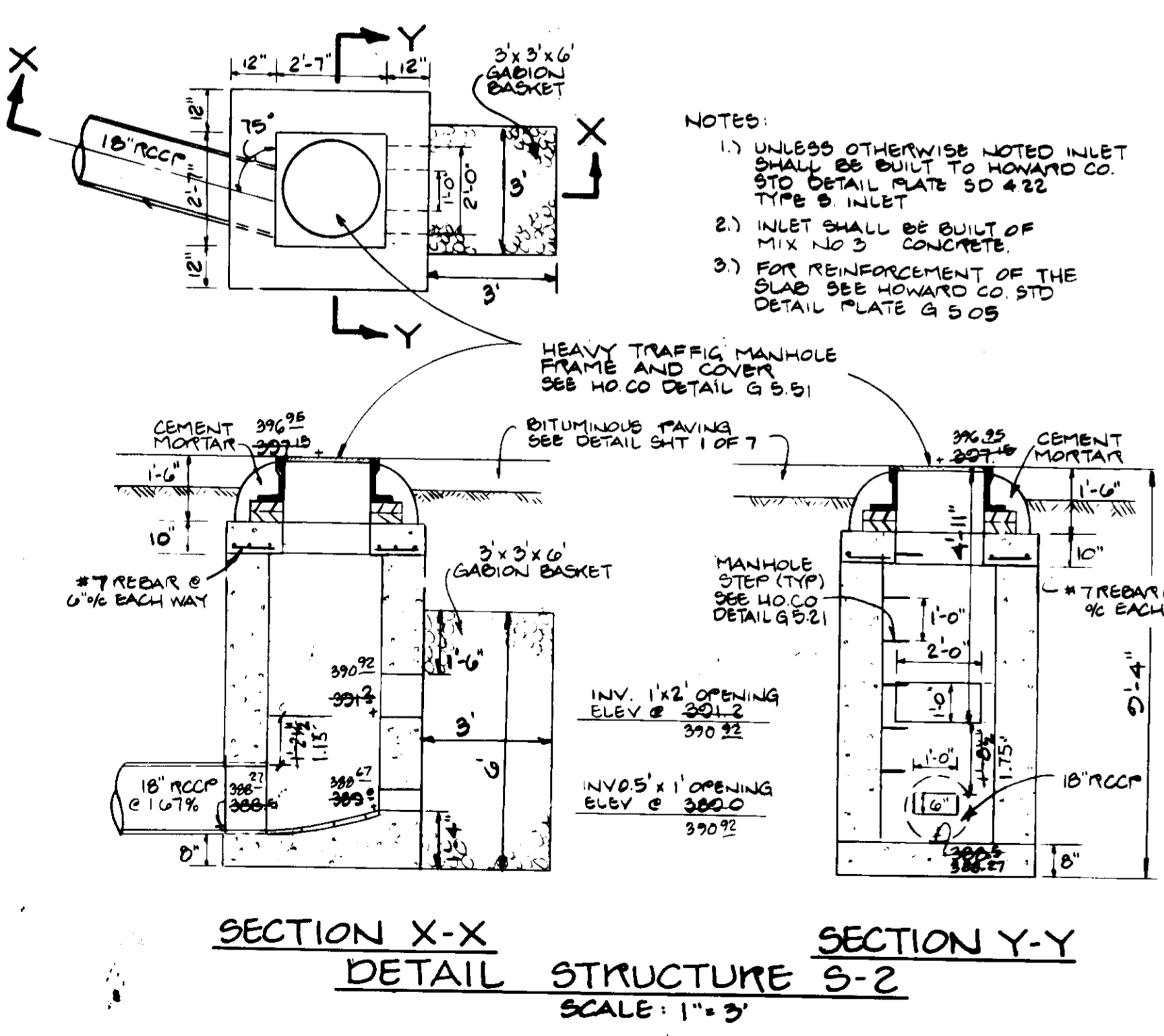
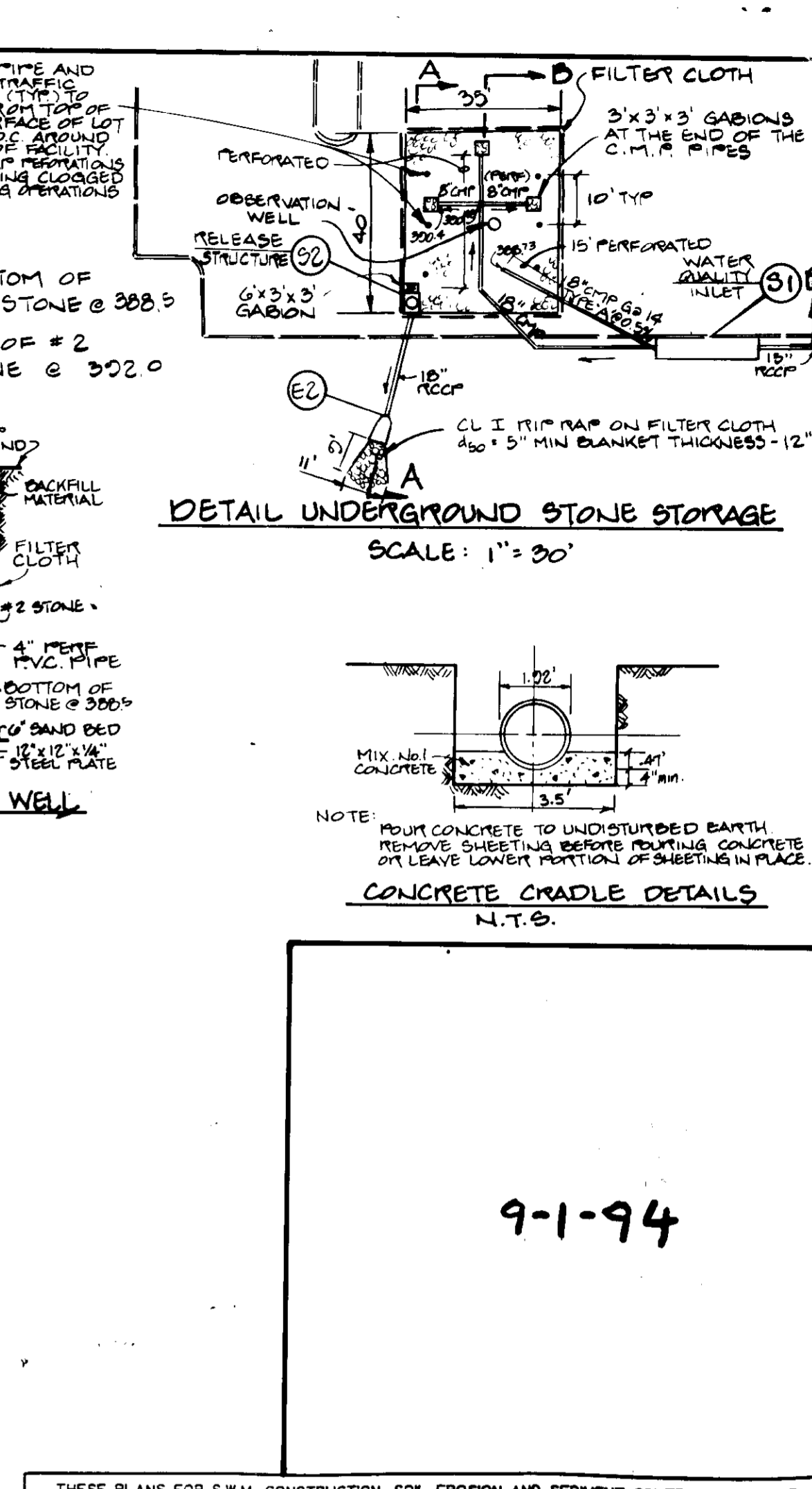
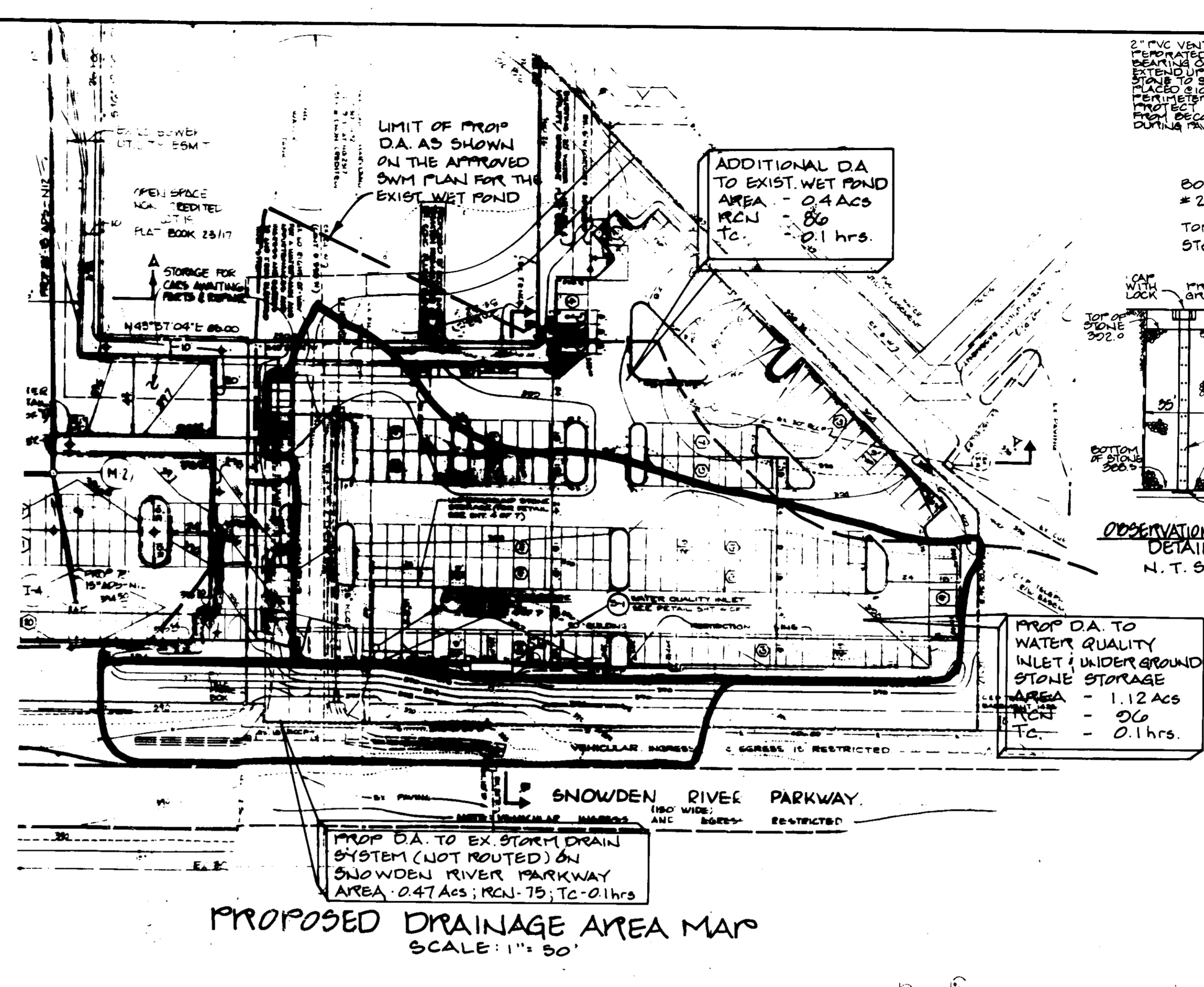
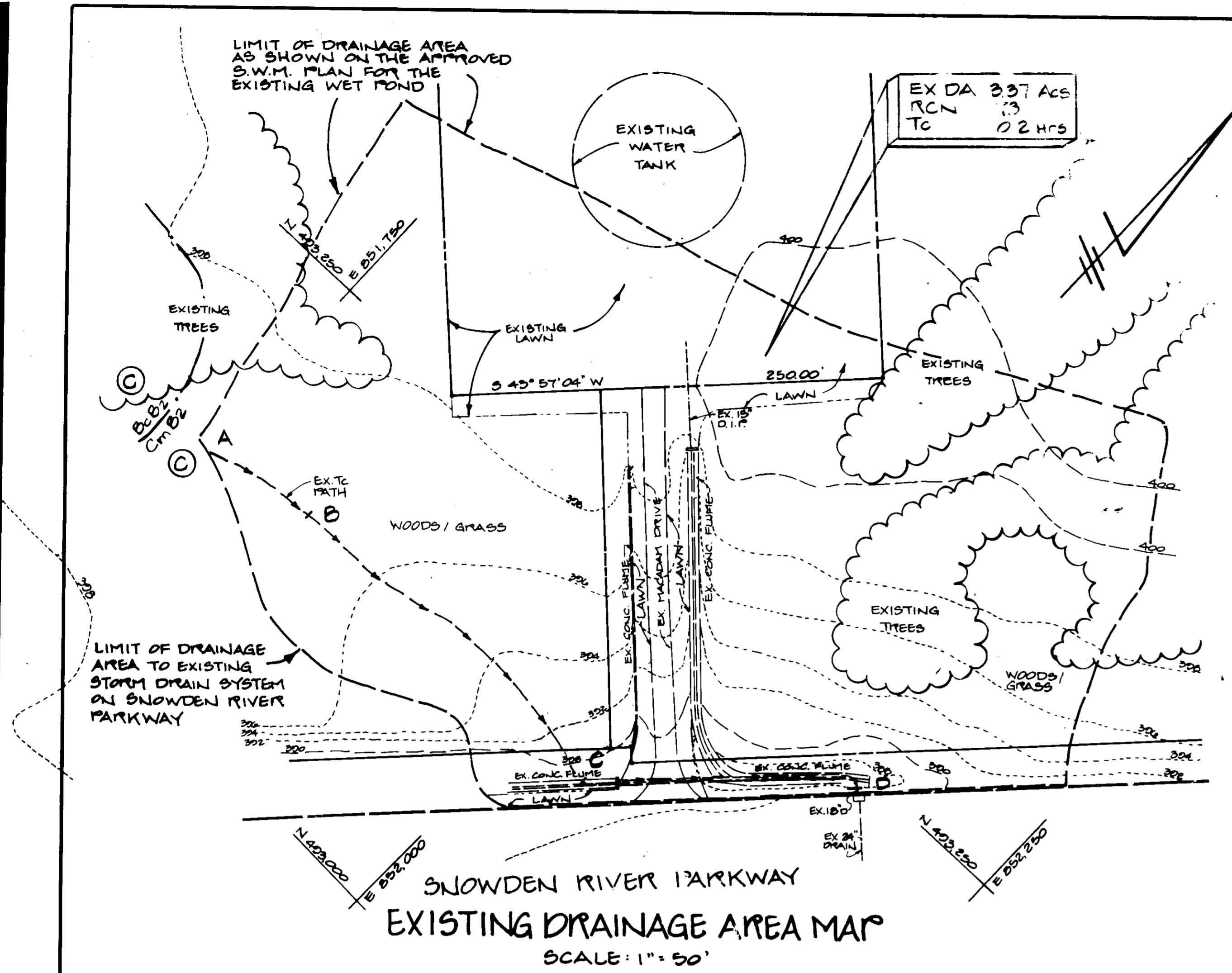
"I/we or any other person involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

Developer: *Stanley Swallow* Date: 1/19/95
Name: Stanley Swallow

SITE PLAN
COLUMBIA CORPORATE PARK
PARCEL A-23
(FORMERLY PARCELS A-20 & A-21)
FORD LEASING DEVELOPING COMPANY
PARKING LOT EXPANSION

HOWARD COUNTY, MARYLAND
ELECTION DISTRICT 6TH

SCALE: 1"=30'
JAN. 21, 1994
REV. 2/23/94
SHEET 2 OF 7



CONSTRUCTION SPECIFICATIONS

THESE SPECIFICATIONS ARE APPROPRIATE TO ALL WORK WITHIN THE SCOPE OF THE STANDARD FOR PRACTICE 40-378. ALL REFERENCES TO ASTM AND AASHTO SPECIFICATIONS APPLY TO THE MOST RECENT EDITION.

SEALING

AREAS DESIGNATED FOR SEWAGE AREAS, EMBANKMENT, AND STRUCTURAL WORKS SHALL BE CLEARED, GRUBBED AND STUMPED OF ALL TREES, VEGETATION, ROOTS AND OTHER OBSTRUCTIVE MATERIAL. SHALL BE REMOVED, CHAINING, BANKS AND BRUSH BRACKS SHALL BE BURNED TO NO DEEPER THAN 1:1.

AREAS TO BE COVERED BY THE INSUROR WILL BE CLEARED OF ALL TREES, SHRUBS, AND OTHER OBSTRUCTIVE MATERIAL. UNLESS OTHERWISE SPECIFIED ON THE PLANS, TREES, SHRUBS AND STUMPS SHALL BE CUT APPROXIMATELY LEVEL WITH THE SECOND BACKFILL FOR ERY STORMWATER MANAGEMENT POND, A MINIMUM OF A 30 FOOT RADIUS AROUND THE INLET STRUCTURE SHALL BE CLEARED.

ALL CLEARED AND OBSTRUCTIVE MATERIAL SHALL BE REMOVED OF OUTSIDE AND BEHIND THE LIMITS OF THE BANK AND RESURFICE AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE. WHEN SPECIFIED, A SUFFICIENT QUANTITY OF TOPSOIL, WILL BE SPECIFIED BY A SEPARATE LOCATION FOR USE ON THE EMBANKMENT AND OTHER DESIGNATED AREAS.

BACKFILL

MATERIAL: THE FILL MATERIAL SHALL BE TAKEN FROM APPROVED "B" WETTED BROWNS AREAS. IT SHALL BE FREE OF ROOTS, STUMPS, WOOD REMAINS, STONES GREATER THAN 4" DIAMETER OR OTHER OBSTRUCTIVE MATERIALS. FILL MATERIAL FOR THE CENTER OF THE EMBANKMENT AND CUT OFF TRINCH SHALL CONFORM TO UNIFIED SOIL CLASSIFICATION CC, CC OR CL COMBINATION. MAY BE COVERED TO THE USE OF OTHER MATERIALS IN THE EMBANKMENT IF ENGINEER AND CONTRACTOR ARE SURVEYED BY A GEOLOGICAL ENGINEER.

EMBANKMENT

AREAS ON WHICH FILL IS TO BE PLACED SHALL BE SCARIFIED OVER THE FILL. FILL MATERIAL SHALL BE PLACED IN MAXIMUM 6" LIFT. EACH LIFT SHALL BE COMPACTED WITH THE BEST AVAILABLE EQUIPMENT TO THE DEPTH OF THE LIFT. THE SURFACE OF EACH LIFT SHALL BE TRAVELLED BY TRACK OR TREAD OF THE EQUIPMENT OR COMPACTED SHALL BE ACHIEVED BY A MEMBER OF FOUR COMPLETE PASSES OF A BUMPSTEEL, RUBBER TREAD OR VIBRATORY ROLLER. FILL MATERIAL SHALL CONTAIN SUFFICIENT MOISTURE SO THAT IF FURNISHED INTO A BALLS IT WILL NOT CRUMBLE BUT NOT BE SO WET THAT WATER CAN BE SQUEEZED OUT.

WHERE A MINIMUM REQUIRED DENSITY IS SPECIFIED, IT SHALL NOT BE LESS THAN 95% OF MAXIMUM DRY DENSITY WITH A MOISTURE CONTENT WITHIN +/- 0.5% OF OPTIMUM. EACH LAYER OF FILL SHALL BE COMPACTED AS NECESSARY TO OBTAIN THAT DENSITY, AND IT TO BE CERTIFIED BY THE ENGINEER AT THE TIME OF CONSTRUCTION. ALL CONSTRUCTION IS TO BE DETERMINED BY AASHTO METHOD T-99.

CONCRETE

CONCRETE SHALL MEET THE REQUIREMENTS OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION STANDARD SPECIFICATIONS FOR CONSTRUCTION MATERIALS, SECTION 601, 602 & 603.

ROCK REPAIR

ROCK REPAIR SHALL MEET THE REQUIREMENTS OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION STANDARD SPECIFICATIONS FOR CONSTRUCTION MATERIALS, SECTION 601.

CARE OF WATER DRAINAGE CONSTRUCTION

ALL WORK ON PERMANENT STRUCTURES SHALL BE CARRIED OUT IN AREAS FREE FROM WATER. THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN ALL TEMPORARY DRENCH, LEVIES, COFFERDAMS, DRAINAGE CHANNELS AND STREAM COVERS NECESSARY TO PROTECT THE AREAS TO BE OCCUPIED BY THE PERMANENT WORK. THE CONTRACTOR SHALL ALSO MAINTAIN, INSTALL, OPERATE AND MAINTAIN ALL NECESSARY PUMPING AND OTHER EQUIPMENT REQUIRED FOR REMOVAL OF WATER FROM THE VARIOUS PARTS OF THE WORK AND FOR FREE FLOW OF WATER AS REQUIRED OR DIRECTED BY THE ENGINEER FOR MAINTAINING THE EXCAVATION, FOUNDATION AND OTHER PARTS OF THE WORK. CONSTRUCTION OF EACH PART OF THE WORK, AFTER HAVING SERVED THEIR PURPOSE, ALL TEMPORARY PROTECTIVE WORKS SHALL BE REMOVED OR EXPLODED AND GRADED TO THE EXTENT REQUIRED TO PREVENT OBSTRUCTION IN ANY DRAINAGE WATERWAY OF THE FLOW OF WATER TO THE WAY OR OUTLET WORKS AND SO AS NOT TO INTERFERE IN ANY WAY WITH THE OPERATION OR MAINTENANCE OF THE PERMANENT WORK. THE CONTRACTOR SHALL MAINTAIN THE FILL, WALLS AND OTHER STRUCTURES TO BE CONSTRUCTED TO THE FULL PERIPHERY OF THE PIPE. THE STABILITY OF THE EXCAVATED SLOPE AND BOTTOM OF EXCAVATIONS, EXCAVATIONS, DRENCHES, LEVIES, AND OTHER STRUCTURES SHALL BE MAINTAINED BELOW THE BOTTOM OF THE EXCAVATION AT EACH LOCATION. THE CONTRACTOR SHALL BRIDGE THE WATER TO REMAIN FROM WHICH THE WATER SHALL BE PUMPED.

PERFORATED PIPES

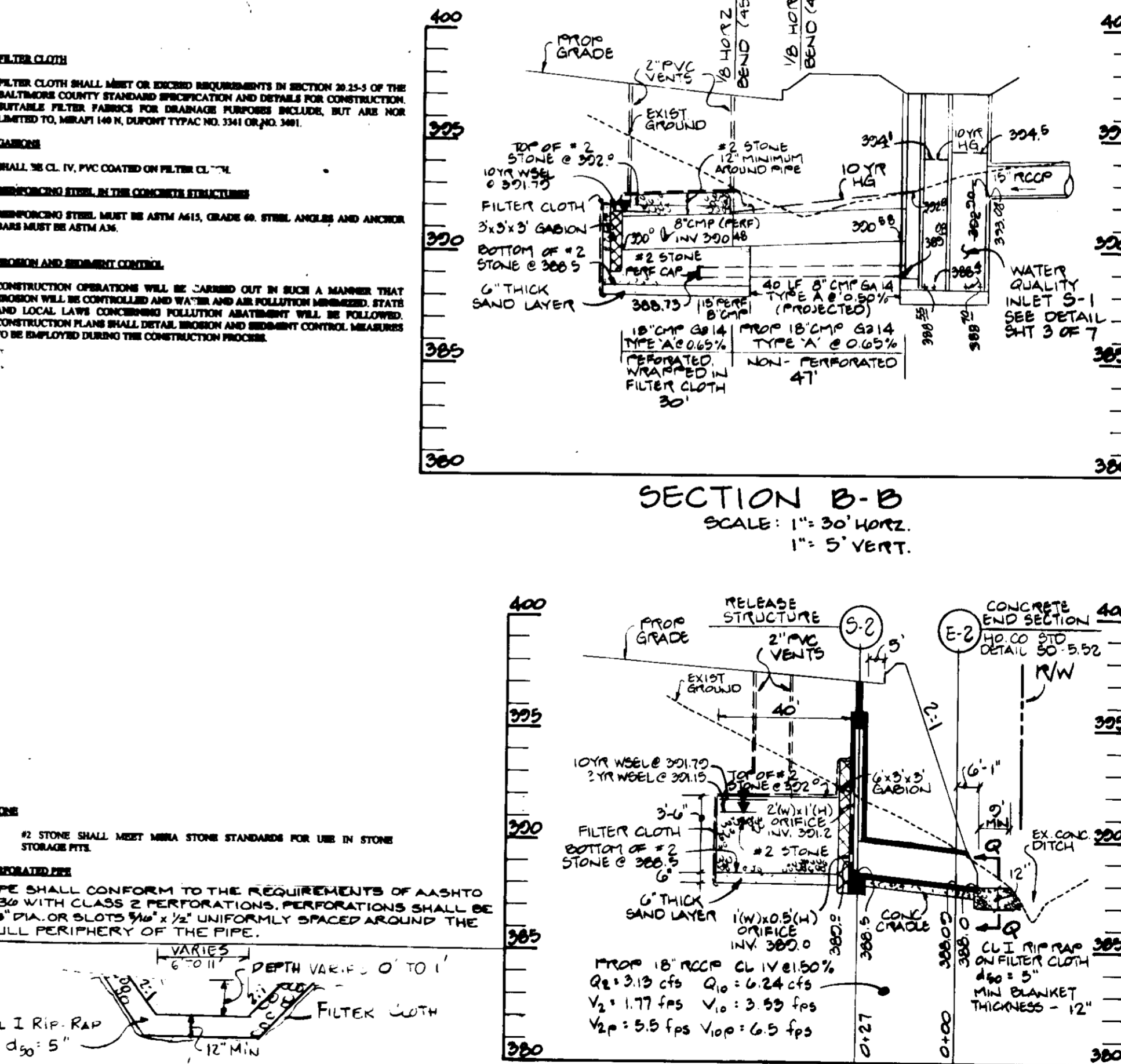
ALL PERFORATED CONCRETE PIPE COUPLERS SHALL BE LAID IN A CONCRETE BED FOR THE FULL LENGTH OF THE JOINT. THE JOINT SHALL CONSIST OF BEAR BEARING CONCRETE PLACING UNDER THE PIPE AND UP THE SIDES OF THE PIPE AT LEAST 1/4" OF FILTER FABRIC WITH A MINIMUM THICKNESS OF 1/2" INCHES, OR AS SHOWN ON THE DRAWING.

PERFORATED PIPES

ALL OF THE FOLLOWING CRITERIA SHALL APPLY FOR PERFORATED CONCRETE PIPE:

MATERIALS - PERFORATED CONCRETE PIPE SHALL HAVE BALL AND SOCKET JOINTS WITH RUBBER GASKETS AND SHALL BEAL OR SECONDARY DESIGNATION C-AL. AN APPROVED EQUIVALENT IS ALLOWED SPECIFICATION C-AL.

2. BENDING - ALL PERFORATED CONCRETE PIPE COUPLERS SHALL BE LAID IN A CONCRETE BED FOR THE FULL LENGTH OF THE JOINT. THE JOINT SHALL CONSIST OF BEAR BEARING CONCRETE PLACING UNDER THE PIPE AND UP THE SIDES OF THE PIPE AT LEAST 1/4" OF FILTER FABRIC WITH A MINIMUM THICKNESS OF 1/2" INCHES, OR AS SHOWN ON THE DRAWING.



THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD COUNTY CONSERVATION DISTRICT.

John P. Roberts 2/2/95
APPROVED HOWARD COUNTY CONSERVATION DISTRICT

PLAN NUMBER _____ DATE _____

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Rita S. Saylor 2/2/95
U.S. SOIL CONSERVATION SERVICE DATE _____

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

DATE _____

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
DATE _____

John S. Saylor 2/13/95
DIRECTOR DATE _____

John S. Saylor 2/10/95
DEVELOPMENT AND RESEARCH DATE _____

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM, AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

John S. Saylor 1/20/95
DATE _____

Bill Saylor 1/27/95
DATE _____

ADDRESS CHART

BUILDING NO.	STREET ADDRESS
1	8820 STANFORD BOULEVARD

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
COLUMBIA CORPORATE PARK	N/A	A-23
PLAT NO. OR LIF	BLOCK NO.	TAX MAP
11570	24	NT EC-IND 36
WATER CODE	SEWER CODE	ELECT. DIST.
E 00	5333000	6
CENSUS TRACT		
6067.03		

PETALS & SECTIONS
FORD LEASING DEVELOPING COMPANY
COLUMBIA CORPORATE PARK
PARCEL A-23
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT #6
SCALE: AS SHOWN

SHEET 4 OF 7 REV. 2/23/94

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
658 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21204
(410) 825-8120

ENGINEER CERTIFICATION

"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."

Engineer: *Bill Saylor* Date: 1-19-95
Name: *E.L. Umbarger* PE # 14568

OWNER / DEVELOPER
COLUMBIA CORPORATE PARK ASSOCIATES
MERRITT
2066 Lord Baltimore Drive
Baltimore, Maryland 21207
(410) 538-2800

DEVELOPER CERTIFICATION

"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 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."

Developer: *Shayla Swartz* Date: 1/19/95

PETALS & SECTIONS
FORD LEASING DEVELOPING COMPANY
COLUMBIA CORPORATE PARK
PARCEL A-23
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT #6
SCALE: AS SHOWN

SHEET 4 OF 7 REV. 2/23/94

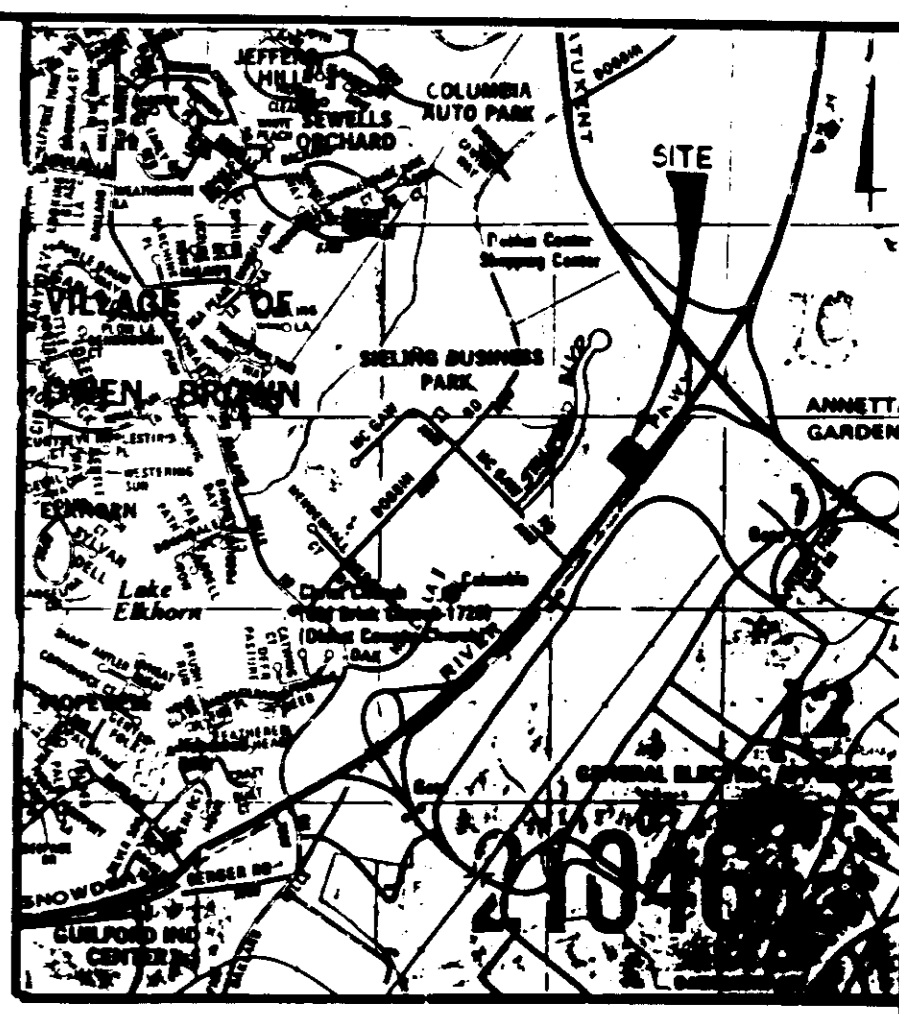
9-1-94

- SEQUENCE OF OPERATIONS**
1. Obtain grading permit.
 2. Notify the Howard County Department of Permits and Licenses Inspector 48 hours before beginning work.
 3. Install Stabilized Construction Entrance #2 (C&P) & PAVE ACCESS DRIVE TO WATER TOWER
 4. Clear and grub for sediment control measures only. DIST. #1
 5. Install all silt fence, trap #2, and adjust top of existing I-13 and construct Inlet Trap #1.
 6. Clear and grub remainder of site to be disturbed. Maintain positive flow to all sediment control measures.
 7. With the approval of the Sediment Control Inspector, rough grade site to initial grade as shown on grading detail sheet of 7.
 8. Install earth dike A to B to protect installation of Storm Water Management Facility and S-1 and I-1. Adjust dike as necessary to maintain positive drainage. This earth dike is not a sediment control measure, it is to protect installation of S.W.M. Facility.
 9. During a dry five day weather forecast install all utilities, including underground Storm Water Management Facility and Outfall. Repair any sediment control device disturbed by this installation. * Outfall at E-1 is to outfall into trap #2 temporarily and be extended after trap #2 removal.
 10. With the permission of the Sediment Control Inspector remove Inlet Sediment Trap #1 and install inlet protection on existing I-13. Fine grade the site and install curb and gutter. Stabilize areas outside of paving operations.
 11. With the permission of the Sediment Control Inspector remove Earth Dike A to B, inlet protection on existing I-13, remove trap #2 and install subbase.
 12. Begin paving operation.
 13. With the permission of the Sediment Control Inspector remove remaining sediment control devices and stabilize with permanent seeding.
- See Storm Water Management Plans for installation of Storm Water Management Facility and Outfall, sheet of.

INLET SEDIMENT TRAP #1

EX. DRAINAGE AREA	0.54 AC ±
PROP. DRAINAGE AREA	0.70 AC ±
STORAGE REQUIRED	1800' x 70' = 1404 CF
STORAGE PROVIDED	1710 CF
BOTTOM DIMENSION	32' x 22'
SIDE SLOPES	2:1
BOTTOM ELEVATION	303.8
WEIR ELEVATION	306.8
WEIR LENGTH	-
CLEANOUT ELEVATION	304.8
EMBANKMENT ELEVATION	306.8

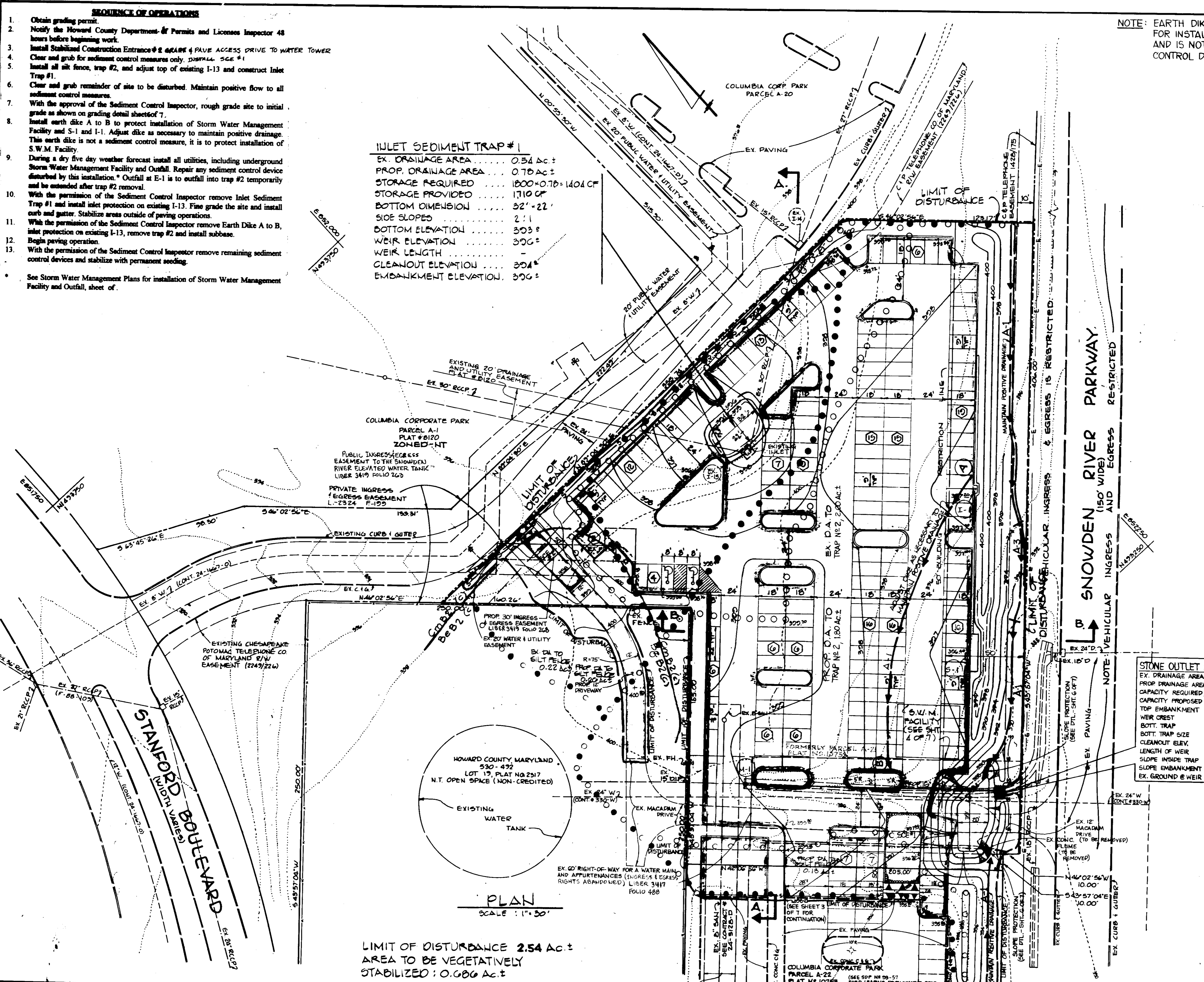
NOTE: EARTH DIKE (A) TO (B) IS TO PROTECT AREA FOR INSTALLATION OF S.W.M. FACILITY ONLY, AND IS NOT TO BE USED AS A SEDIMENT CONTROL DEVICE.



LEGEND

- LIMIT OF DISTURBANCE
- SILT FENCE
- EARTH DIKE
- MOUNTABLE BERM
- STABILIZED CONSTRUCTION ENTRANCE
- EX. RIDGE LINE
- PROP. RIDGE LINE

9-1-94



STONE OUTLET SEDIMENT TRAP #2

EX. DRAINAGE AREA	2.00 AC ±
PROP. DRAINAGE AREA	1.80 AC ±
CAPACITY REQUIRED	3,600 CF
CAPACITY PROPOSED	3,668 CF
TOP EMBANKMENT	390.8
WEIR CREST	389.8
BOTT. TRAP	386.8
BOTT. TRAP SIZE	30' x 20'
CLEANOUT ELEV.	387.8
LENGTH OF WEIR	2'
SLOPE INSIDE TRAP	2:1
SLOPE EMBANKMENT	2:1
EX. GROUND @ WEIR	386.8

THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

John P. Pitzer 2/18/95
APPROVED HOWARD SOIL CONSERVATION DISTRICT

PLAN NUMBER _____ DATE _____

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Peterson Eng'g 2/18/95
U.S. SOIL CONSERVATION SERVICE DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James R. Smith 2/18/95
DIRECTOR DATE

Anna Wynn 2/10/95
CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Lewis 1/30/95
DIRECTOR DATE

William E. Sporn 1/27/95
CHIEF BUREAU OF ENGINEERING DATE

ADDRESS CHART

BUILDING NO.	STREET ADDRESS
1	8820 STANFORD BLVD.

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
COLUMBIA CORPORATE PARK	N/A	A-23

PLAT NO. OR L/F	BLOCK NO.	ZONE	TAX MAP	ELECT. DIST.	CENSUS TRACT
11590	24	MT EGD	36	6	6067.05

WATER CODE	SEWER CODE
EOC	5533-000

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
655 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21204
(410) 825-8120

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

George W. Stephens, Jr.
ENGINEER 10568 1-19-95

OWNER / DEVELOPER
COLUMBIA CORPORATE PARK ASSOCIATION
MERRITT
2066 Lord Baltimore Drive
Baltimore, Maryland 21207
(410) 298-2600

DEVELOPER'S CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARSHLAND DEPT. 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 MAY BE ORDERED BY DEPART. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

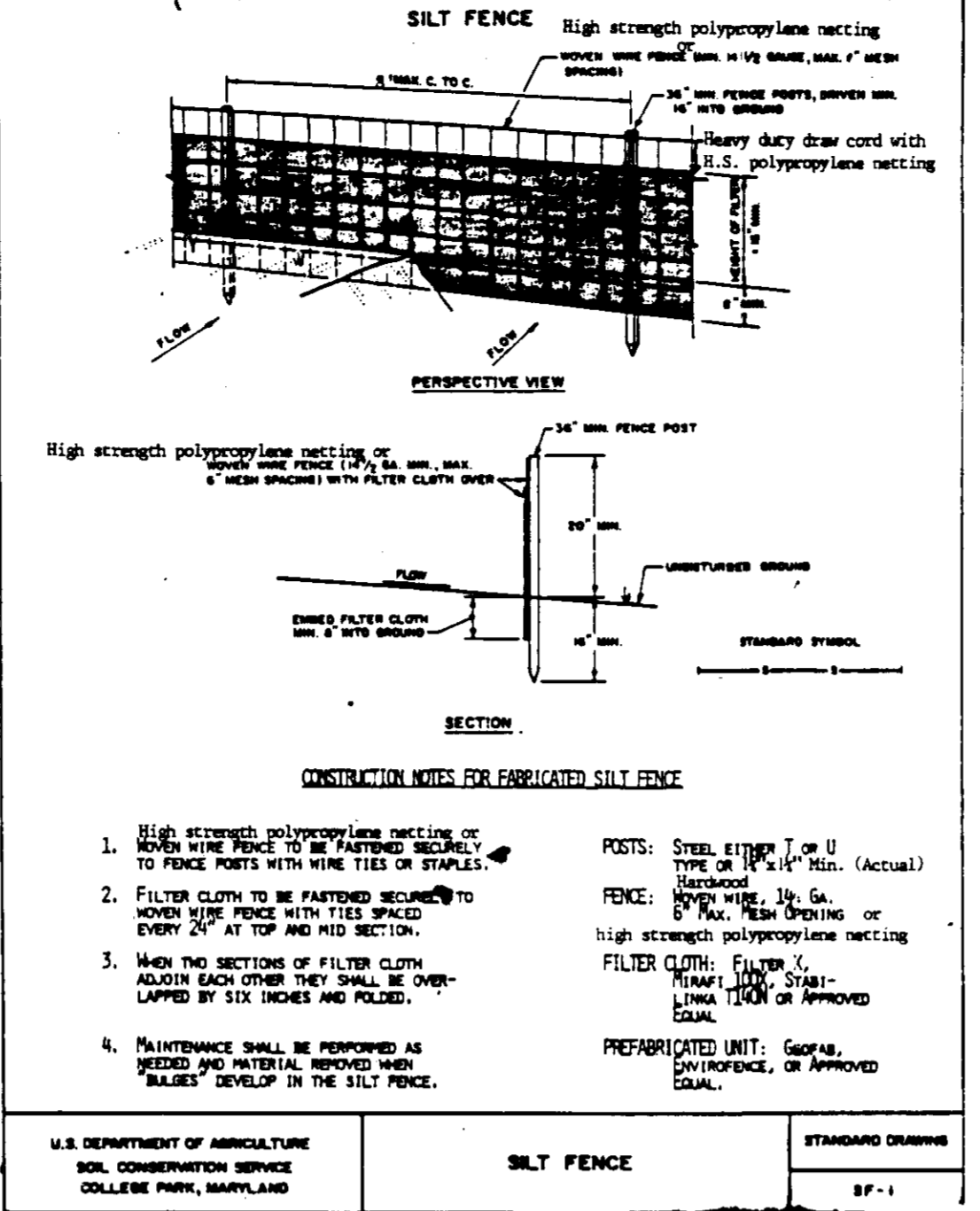
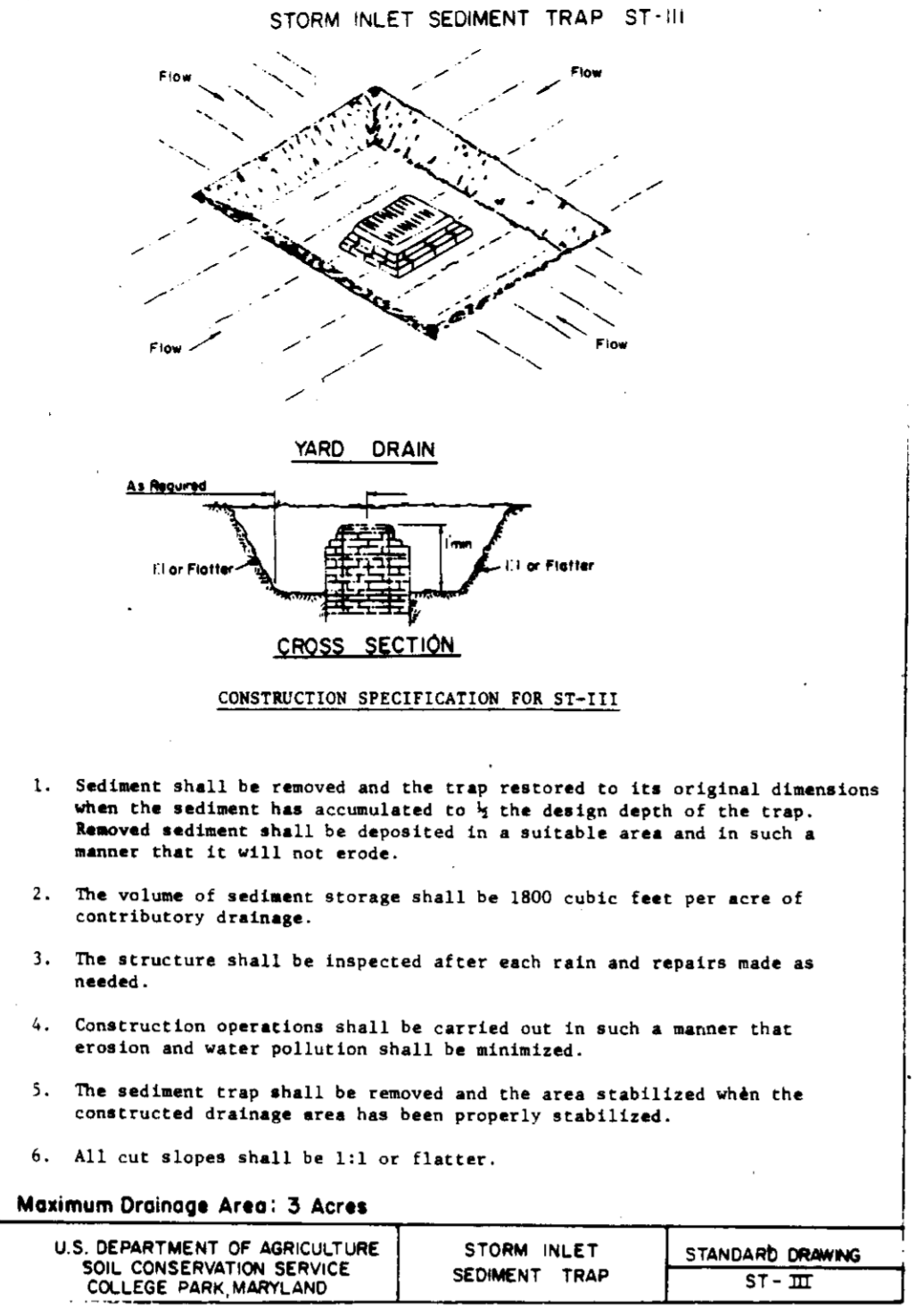
Gary Swartz
DEVELOPER DATE: 1/19/95

DESIGNED: [initials]
DRAWN: [initials]
CHECKED: [initials]
REVISIONS:

SEDIMENT & EROSION CONTROL PLAN
COLUMBIA CORPORATE PARK
PARCEL A-23
(FORMERLY PARCELS A-20 & A-21)
FORD LEASING DEVELOPING COMPANY
MARKING LOT EXPANSION
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT #6
SCALE: 1" = 30'
NOV 18th, 1993
SHEET 5 OF 7
REV 1/23/94

SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting 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 permanent 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.
- 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 periods specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seedings (Sec. 50) and mulching (Sec. 52). Temporary stabilization with slash alone can only be done when recommended seeding rates 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: 2.245 Acres
 - Area Disturbed: 2.245 Acres
 - Area to be roofed or paved: .50 Acres
 - Area to be vegetatively stabilized: .60 Acres
 - Total Cut: 9125 Cu. Yds
 - Total Fill: 1120 Cu. Yds
 - Offsite waste/borrow area location:
- Any sediment control practice which is 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 disturbances or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.



**HOWARD SOIL CONSERVATION DISTRICT
PERMANENT SEEDING NOTES**

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

Soil Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

Soil Analysis: In lieu of soil test recommendations, use one of the following schedules:

- Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs of 14-0-0 fertilizer (14 lbs/1000 sq. ft.) before seeding. Narrow of disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (30 lbs/1000 sq. ft.)
- Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1800 lbs of 14-0-0 fertilizer (14 lbs/1000 sq. ft.) before seeding. Narrow of disk 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 (60 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs per acre of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.85 lbs/1000 sq. ft.) of ureaform fertilizer. During the period of October 16 thru February 28, protect site by Option (1) or (2) above. During the period of March 1 thru August 15, seed with 3 lbs per acre of seeding lowgrass (87 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 seed.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unrotted wood chips immediately after seeding. Anchor mulch immediately after application using mulch anchoring pins or 250 gal per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 340 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 likely to be re-disturbed where a short-term vegetative cover is needed.

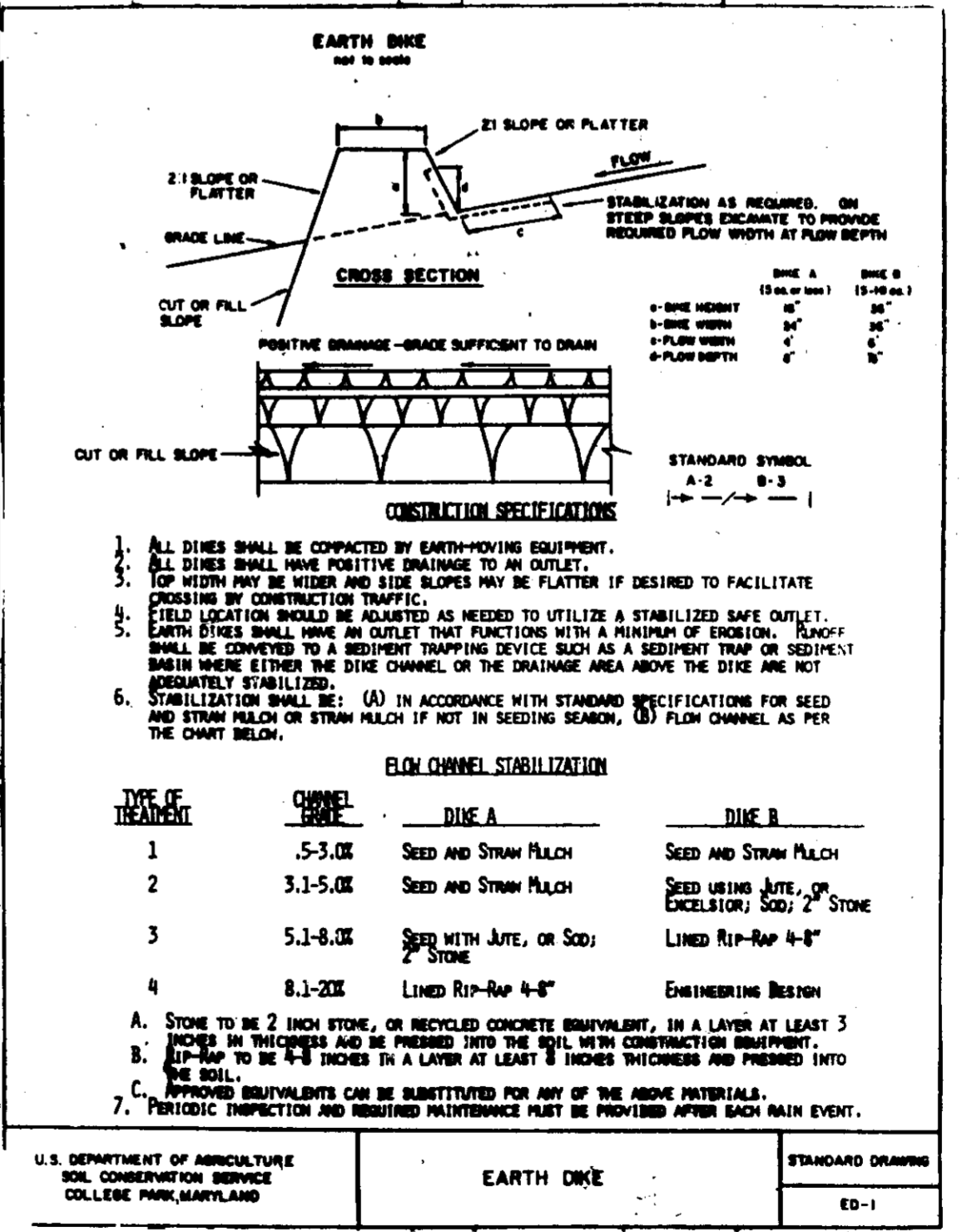
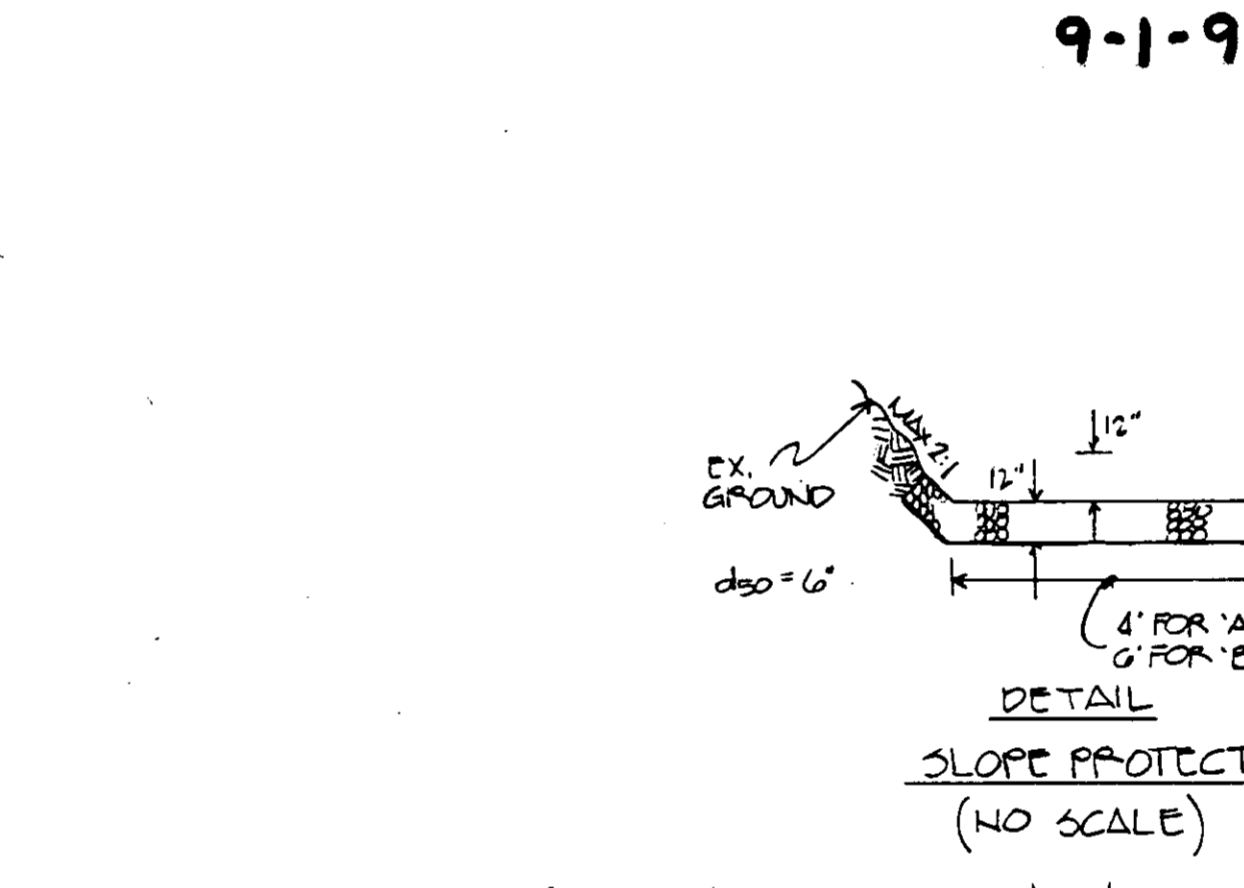
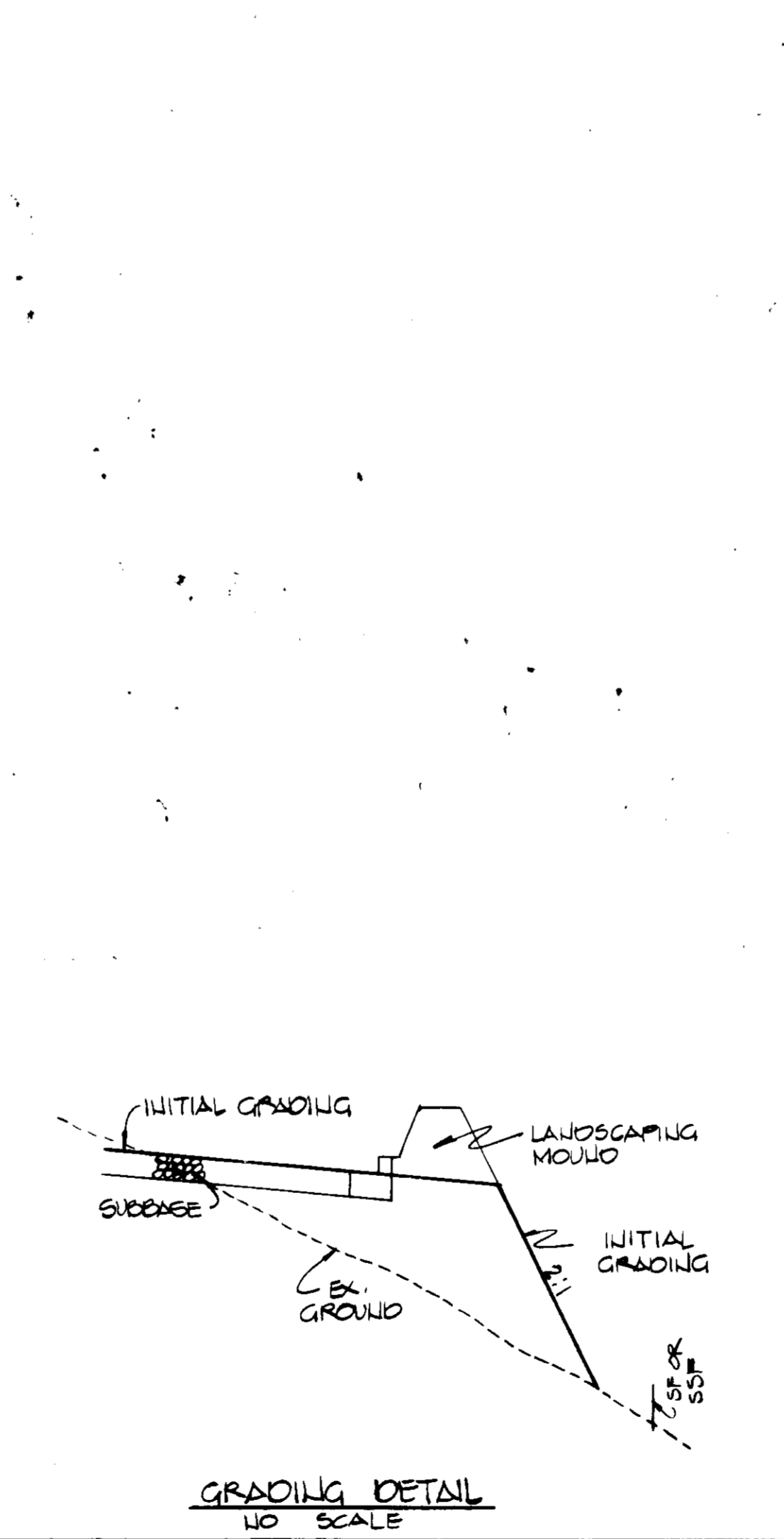
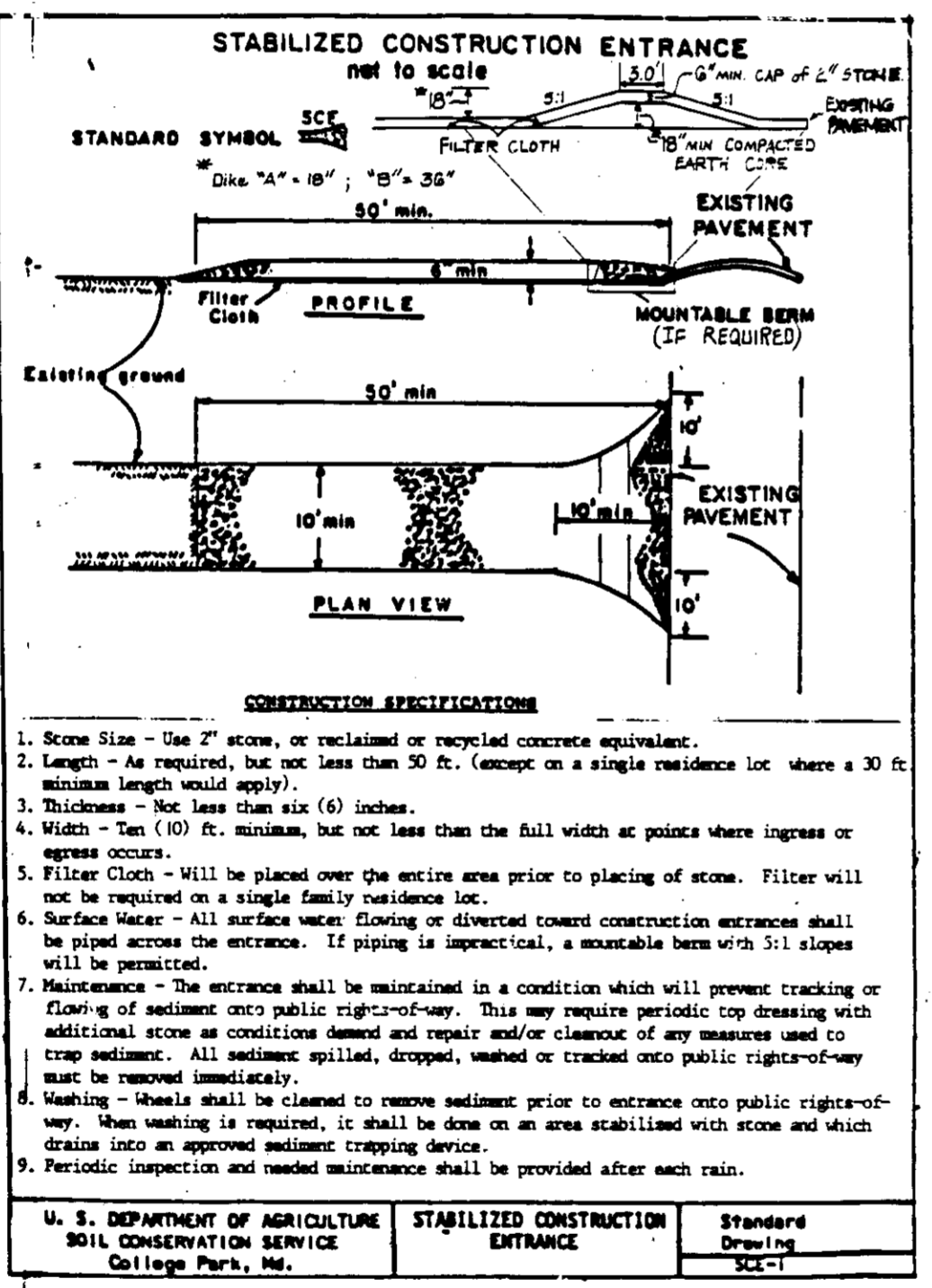
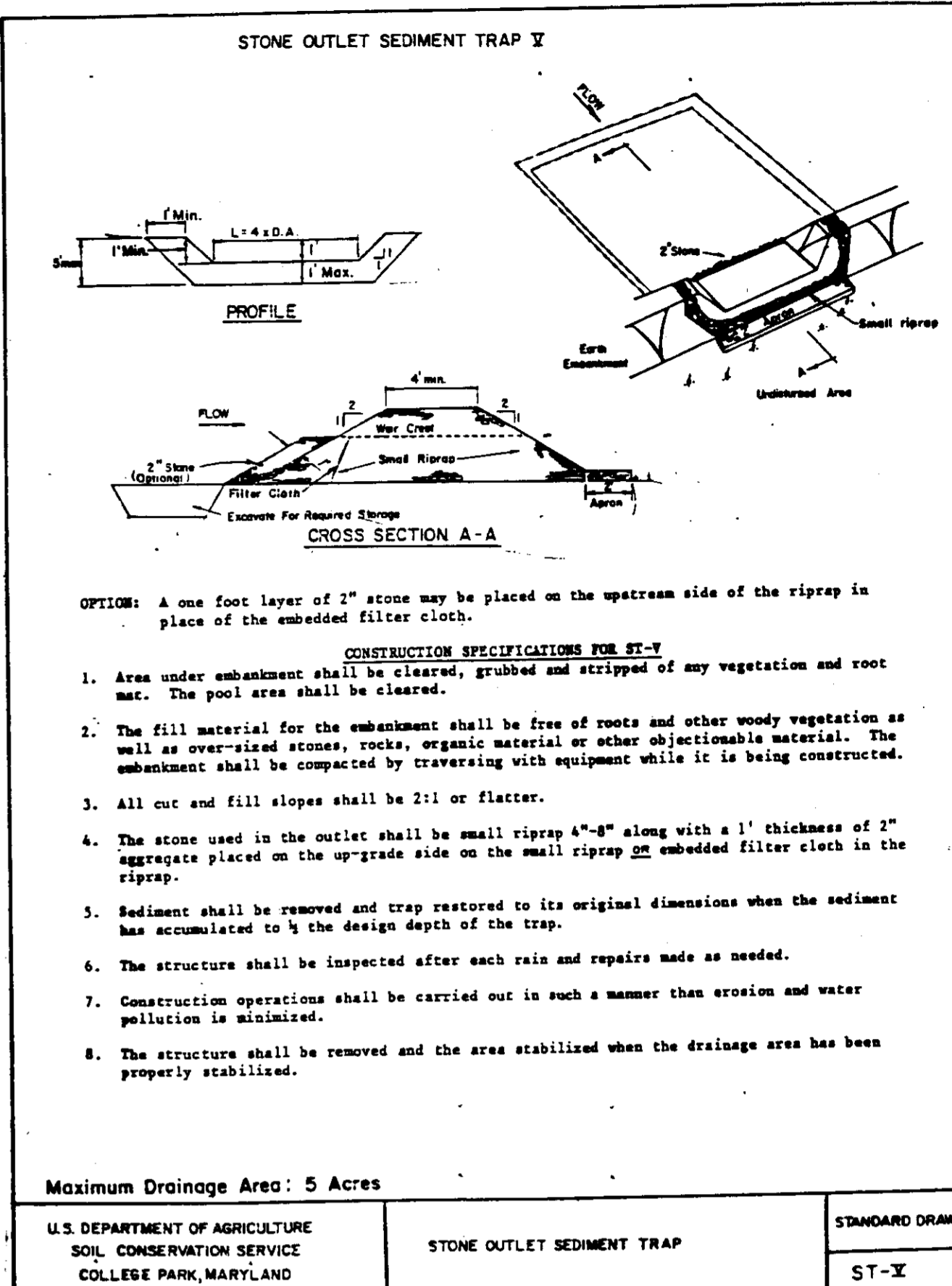
Soil Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

Soil Analysis: Apply 600 lbs per acre 18-10-18 fertilizer (14 lbs/1000 sq. ft.).

Seeding: For periods March 1 thru April 30 and from August 15 thru October 15, seed with 2-1/2 lbs/1000 sq. ft. of annual rye (3.2 lbs/1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of seeding lowgrass (87 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 seed.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unrotted wood chips immediately after seeding. Anchor mulch immediately after application using mulch anchoring pins or 250 gal per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 340 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 additional rates and methods not covered.



THESE PLANS FOR SMALL CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *John P. Linton* 2/2/95
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

PLAN NUMBER: _____ DATE: _____

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

APPROVED: *Patricia Engle* 2/2/95
U.S. SOIL CONSERVATION SERVICE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: _____ DATE: _____
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
APPROVED: *David Smith* 2/2/95
DATE

APPROVED: *Jim Swinney* 2/10/95
CHIEF DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM, AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED: *James G. Linn* 1/30/95
DIRECTOR DATE

APPROVED: *Patricia Engle* 1/27/95
CHIEF BUREAU OF ENGINEERING DATE

ADDRESS CHART

BUILDING NO.	STREET ADDRESS
1	5520 STANFORD BLVD

SUBDIVISION NAME: COLUMBIA CORPORATE PARK
SECT./AREA: N/A
LOT/PARCEL: A-23

PLAY NO. OR LIF: 11590
BLOCK NO: 24
ZONE: MT
TAX MAP EC-IND: 36
ELECT. DIST.: G
CENSUS TRACT: 6067-03

WATER CODE: EOC
SEWER CODE: 5533000

**GEORGE WILLIAM STEPHENS, JR.
AND ASSOCIATES, INC.**

CIVIL ENGINEERS & LAND SURVEYORS

658 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21204
(410) 825-8120

ENGINEER CERTIFICATION

"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."

Engineer: *R.L. Dumbarger* Date: 1-19-95
Name: R.L. Dumbarger PE # 10562

OWNER / DEVELOPER

COLUMBIA CORPORATE PARK ASSOCIATES

MERRITT

2066 Lord Baltimore Drive
Baltimore, Maryland 21207
(410) 290-2800

DEVELOPER CERTIFICATION

"I 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 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."

Developer: *Ray Swatlow* Date: 1-19-95
Name: _____

DESIGNED: *AL*
DRAWN: *PB*
CHECKED: *AL*

REVISIONS

SEDIMENT & EROSION CONTROL DETAILS

FORD LEASING DEVELOPING COMPANY

COLUMBIA CORPORATE PARK

PARCEL A-23
(FORMERLY PARCELS A-20 & A-21)

HOWARD COUNTY, MARYLAND DATE: NOV 1ST, 1993
ELECTION DISTRICT #6 SCALE: AS SHOWN

SHEET 6 OF 7 REV 2/23/94

SDP-94-49 PN. 7804

PLANT LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENT
T1	8	ACER RUBRUM 'RED SUNSET'	RED SUNSET MAPLE	2 1/2-3'	B4B	30' O/C
T2	11	GLEDITSIA TRIACANTHOS 'INERMIS'	SHADEMASTER HONEYLOCUST	2 1/2-3'		30' O/C
T3	4	QUERCUS PHELLOS	WILLOW OAK	2 1/2-3'		30' O/C
T4	12	ZELKOVA SERRATA 'VILLAGE GREEN'	VILLAGE GREEN ZELKOVA	2 1/2-3'		30' O/C
T5	5	CRATAEGUS PHAENOPYRUM	WASHINGTON HAWTHORN	2-2 1/2'		15' O/C
T6	6	MALUS SARGENTI	SARGENT CRAB	2-2 1/2'		15' O/C
E1	13	PICEA ABIES	NORWAY SPRUCE	6-8'		15' O/C
E2	11	PINUS STROBUS	EASTERN WHITE PINE	6-8'		15' O/C
E1	152	EUONYMUS ALATUS COMPACTA	DWARF WINGED EUONYMUS	24"		3' O/C

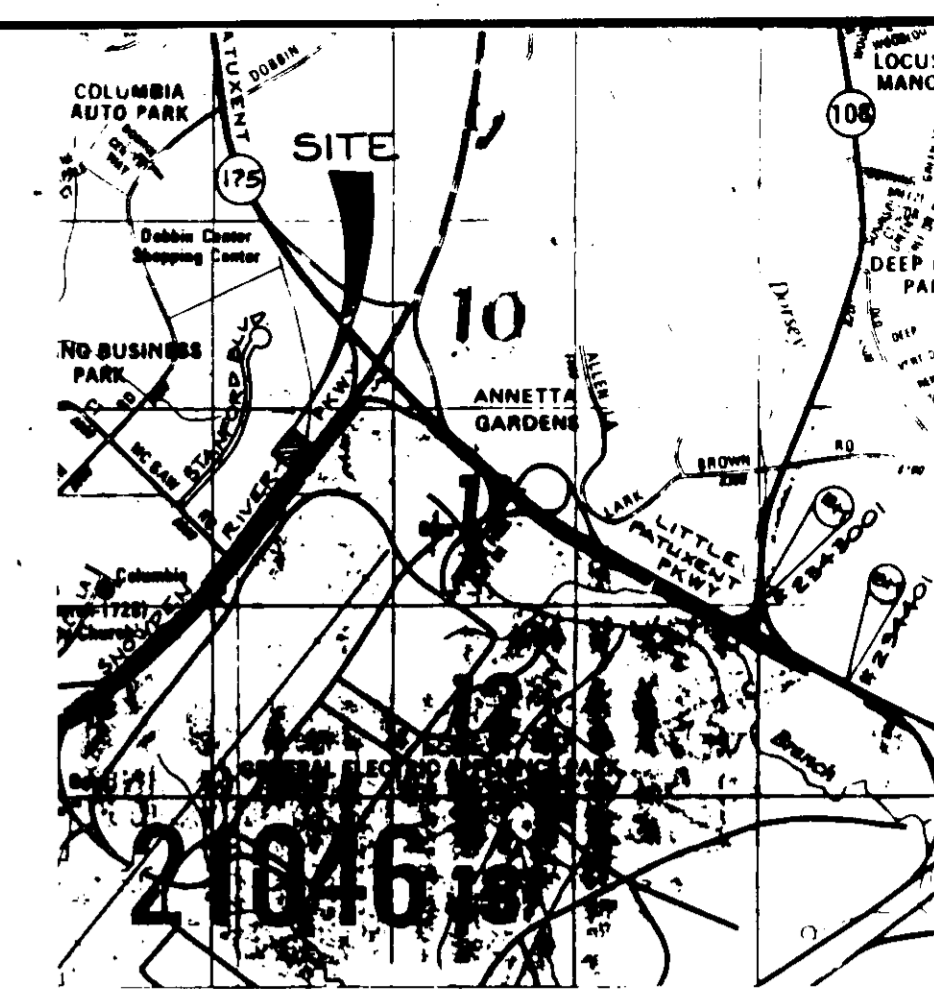
LANDSCAPE NOTES:

- ALL NURSERY STOCK SHALL CONFORM TO AMERICAN ASSOCIATION OF NURSERYMEN, INC. STANDARDS AS DESCRIBED IN 'AMERICAN STANDARDS FOR NURSERY STOCK' PUBLICATION ANSI Z60-1-1986.
- LANDSCAPE SPECIFICATIONS SHALL CONFORM TO 'LANDSCAPE SPECIFICATION GUIDELINES FOR THE BALTIMORE-WASHINGTON METROPOLITAN AREAS' PREPARED BY THE LANDSCAPE CONTRACTORS ASSOCIATION OF METROPOLITAN WASHINGTON, LATEST EDITION.
- A ONE YEAR MAINTENANCE AND WARRANTY PERIOD SHALL BE REQUIRED.
- CONTRACTOR SHALL NOTIFY HOFF & ANTONUCCI ASSOCIATES AT LEAST 48 HOURS PRIOR TO THE START OF INSTALLATION.
- ANY SUBSTITUTIONS OR CHANGES TO PLANT MATERIALS OR THEIR LOCATIONS SHALL BE APPROVED BY HOFF & ANTONUCCI ASSOCIATES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY "MISS UTILITIES" AT LEAST 72 HOURS PRIOR TO THE START OF ANY DIGGING.
- EXISTING UTILITIES SHOWN HEREON ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY EXISTING UTILITIES TO THEIR SATISFACTION. ANY DAMAGES TO UTILITIES OR INJURIES RESULTING THEREOF SHALL BE THE SOLE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- ANY EXISTING SOIL CONDITIONS THAT MAY POSE A THREAT TO THE LIFE AND HEALTH OF THE PLANT MATERIAL MUST BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT BY THE LANDSCAPE CONTRACTOR PRIOR TO THE INSTALLATION OF THE PLANT MATERIAL.

LANDSCAPE PLAN PREPARED BY:
 THOMAS J. HOFF
 HOFF & ANTONUCCI ASSOCIATES
 1711 YORK ROAD, SUITE 101
 LUTHERVILLE, MD. 21049
 410-628-4225 FAX 410-628-4224

NOTES:

- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.12A OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL FOLLOWING THE NEW TOWN ALTERNATIVE COMPLIANCE METHOD.
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$7,700.00.



LOCATION MAP SCALE: 1" = 200'
 BENCH MARK: 234401 ELEV: 507.41
 STANDARD CONCRETE MONUMENT
 SET FRESH WITH SURFACE
 N 41° 33' 01" E 582.00 ± 0.75
 234401 ELEV: 236.24
 1/2" REBAR SET 0.5' BELOW
 THE SURFACE
 N 41° 33' 01" E 587.22 ± 0.71

LEGEND

- EX. GRADE
- PROP. GROUND
- EX. CONC. CURB & GUTTER
- PROP. CONC. CURB & GUTTER
- PROPERTY LINE
- BUILDING RESTRICTION LINE
- EX. WATER LINE
- PROP. WATER LINE
- EX. STORM DRAIN
- PROP. STORM DRAIN
- EX. SANITARY SEWER
- PROP. SANITARY SEWER
- PROP. HANDICAPPED PARKING
- H.C.
- NO. OF PARKING SPACES (DISPLAY)
- LIMIT OF SUBMITTAL
- NO OF PARKING SPACES

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE: 9-1-94

THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

- John P. Roberts* 2/2/95
 APPROVED HOWARD SOIL CONSERVATION DISTRICT
- PLAN NUMBER _____ DATE _____
- REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS:
Patricia Engler JR 2/2/95
 U.S. SOIL CONSERVATION DISTRICT
- APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
- VIA _____ DATE _____
 COUNTY HEALTH OFFICER
- APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
James S. Smith 2/13/95
 DIRECTOR
- Gina J. Jaramila* 2/10/95
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH
- APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
- James J. Lee* 1/30/95
 DIRECTOR
- Paul J. Ryan* 1/27/95
 SUPERVISOR OF ENGINEERING

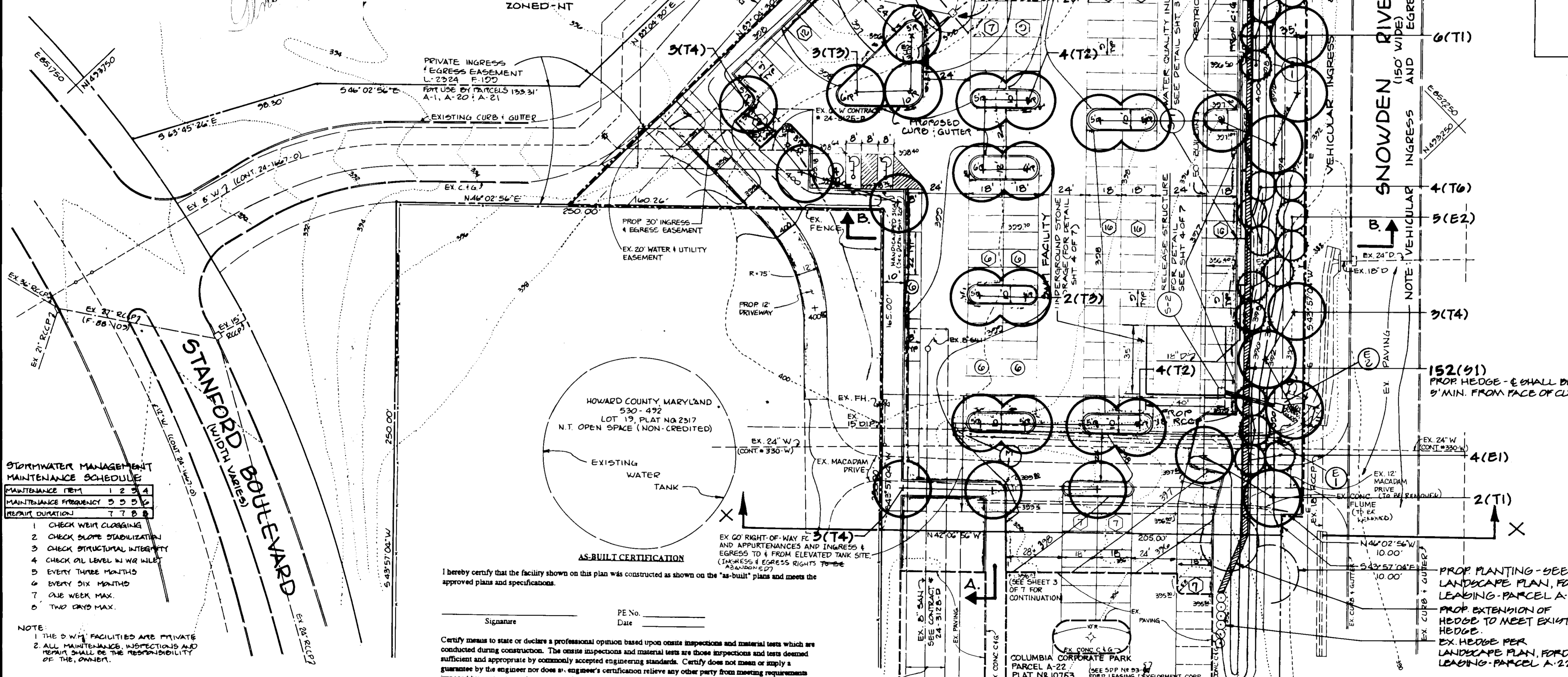
ADDRESS CHART

BUILDING NO.	STREET ADDRESS
1	8820 STANFORD BLVD.

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
COLUMBIA CORPORATE PARK	N/A	A-23

PLAT NO. OR L/F	BLOCK NO.	ZONE	TAX MAP	ELECT. DIST.	CENSUS TRACT
11590	24	EC-IND	36	6	6067.03

WATER CODE	SEWER CODE
E0C	5935000



STORMWATER MANAGEMENT MAINTENANCE SCHEDULE

MAINTENANCE ITEM	1	2	3	4
MAINTENANCE FREQUENCY	3	3	3	3
REPAIR DURATION	7	7	7	7

- CHECK WEIR CLOSING
- CHECK SLOPE STABILIZATION
- CHECK STRUCTURAL INTEGRITY
- CHECK OIL LEVEL IN WIR WELLS
- EVERY THREE MONTHS
- EVERY SIX MONTHS
- ONE WEEK MAX.
- TWO WEEK MAX.

NOTE:
 1. THE S.W.M. FACILITIES ARE PRIVATE
 2. ALL MAINTENANCE, INSPECTIONS AND REPAIRS SHALL BE THE RESPONSIBILITY OF THE OWNER.

I hereby certify that the facility shown on this plan was constructed as shown on the "as-built" plans and meets the approved plans and specifications.

Signature _____ PE No. _____
 Date _____

Engineer's Certificate:
 I certify that this plan for construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District.

OWNER / DEVELOPER
 COLUMBIA CORPORATE PARK ASSOCIATION
MERRITT
 2066 Lord Baltimore Drive
 Baltimore, Maryland 21207
 (410) 298-2600

DEVELOPER'S CERTIFICATE
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPT. 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. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

DESIGNED BY: *John P. Roberts*
 DRAWN BY: *Paul J. Ryan*
 CHECKED BY: *Paul J. Ryan*

REVISIONS:
 2/19/94 - PER HFD COM.
 4/26/94 - PER HFD REV.
 01/19/95 - PER HEDGE

DEVELOPER: *John P. Roberts* DATE: 1/19/95

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 658 KENILWORTH DRIVE, SUITE 100
 TOWSON, MARYLAND 21204
 (410) 825-8120

LANDSCAPE PLAN
 COLUMBIA CORPORATE PARK
 PARCEL A-23
 FORD LEASING DEVELOPING COMPANY
 PARKING LOT EXPANSION
 HOWARD COUNTY, MARYLAND
 ELECTION DISTRICT #6
 SCALE: 1" = 30'
 NOV 15TH 1993
 SHEET 7 OF 7