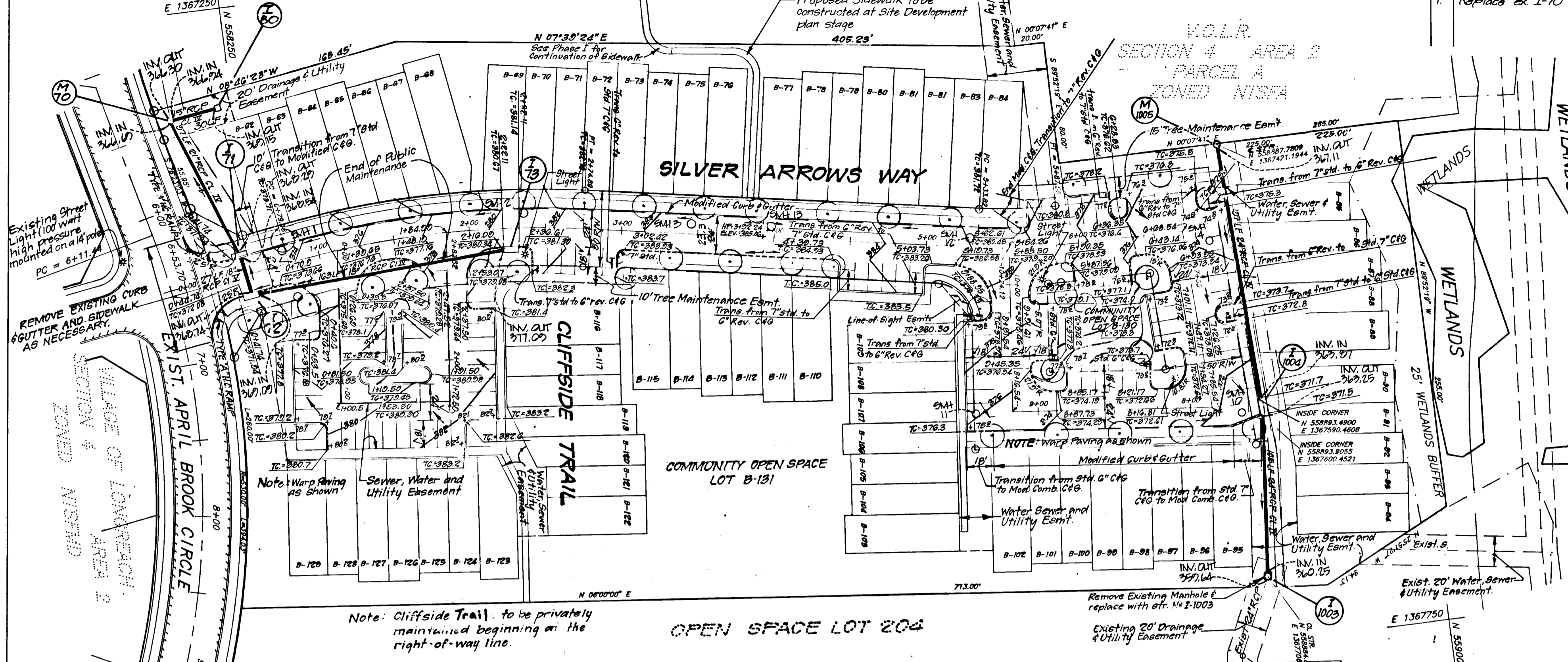


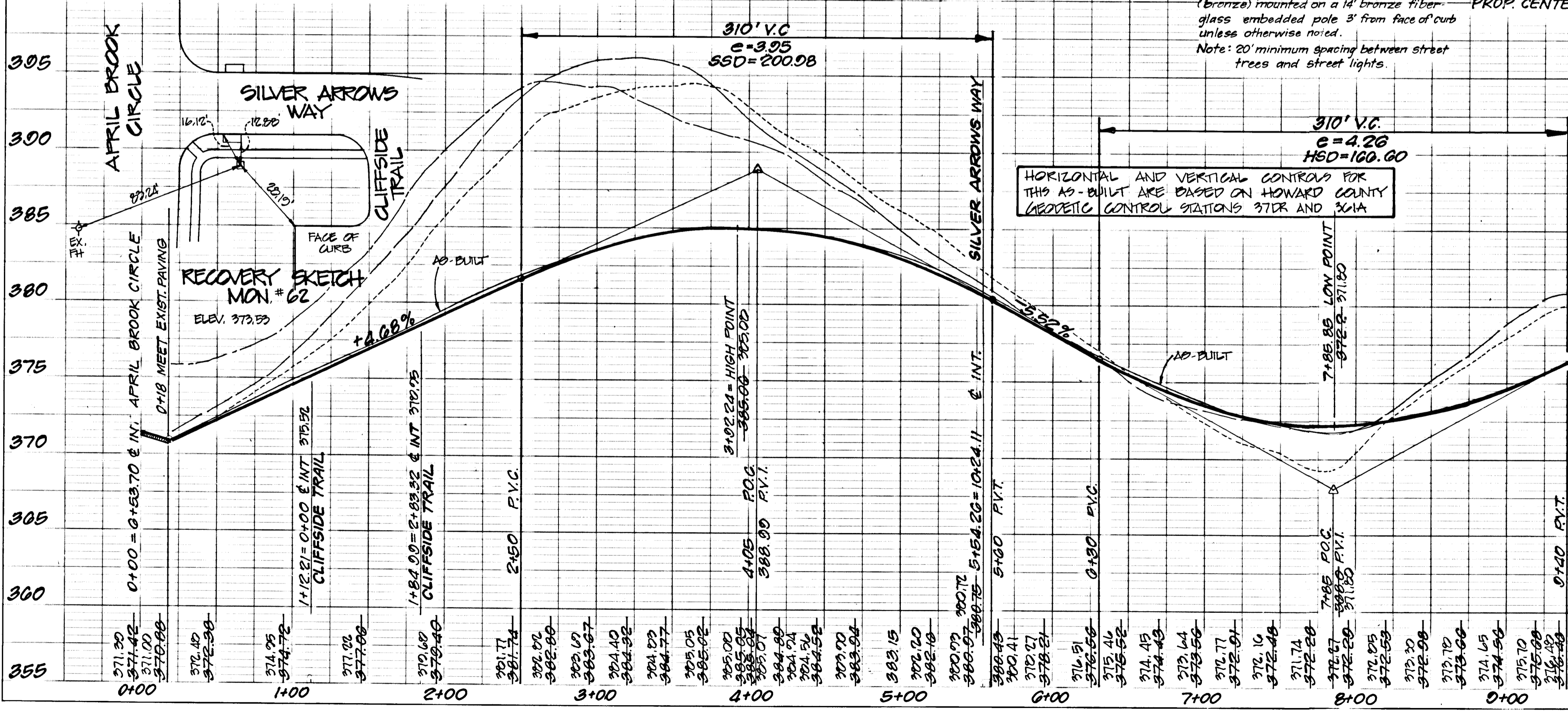
NOTE: Replace ex I-70
w/Manhole M-70



PLAN VIEW
Scale 1"=50'

CENTER LINE CURVE DATA - SILVER ARROWS WAY

PC Sta. to PT. Sta.	RADIUS	DELTA	ARC	TAN.	CHORD	BEARING
PC: 0+79.96 to PT: 2+74.88	200.00'	18°40'18"	105.53'	38.64'	194.67'	N00°33'47"E
PC: 5+33.82 to PT: 5+87.56	350.00'	08°47'50"	53.74'	26.02'	53.60'	N05°30'01"E



SILVER ARROWS WAY PROFILE
Scale = HOR: 1"=50'
VER: 1"=5'

STREET LIGHT INFORMATION
Light type to be 100 watt high pressure sodium vapor modern post top fixtures (brass) mounted on a 14" bronze fiber-glass embedded pole 3' from face of curb unless otherwise noted.
Note: 20' minimum spacing between street trees and street lights.

PROFILE LEGEND

- B.R.L. RIGHT
- B.R.L. LEFT
- EXIST. CENTERLINE
- PROP. CENTERLINE

SHEET INDEX

Plan and Profile sheet Silver Arrows Way and Cliffside Trail	SHEET NO.
Plan and Profile sheet Silver Arrows Way and Cliffside Trail	1
Paving Details	2
Storm Drain Profiles And Drainage Area Map	3
Sediment and Erosion Control Plan	4
Sediment And Erosion Control Details	5

CURB & GUTTER LEGEND

- MODIFIED COMBINATION CURB & GUTTER
- STANDARD 7" COMBINATION CURB & GUTTER
- REVERSED 7" COMBINATION CURB & GUTTER
- STANDARD 6" COMBINATION CURB & GUTTER
- REVERSED 6" COMBINATION CURB & GUTTER

REVISIONS

No.	REVISIONS	DATE
1	Replace ex I-70 w/ M-70, Add I-80	8-20-95

STREET TREE SCHEDULE

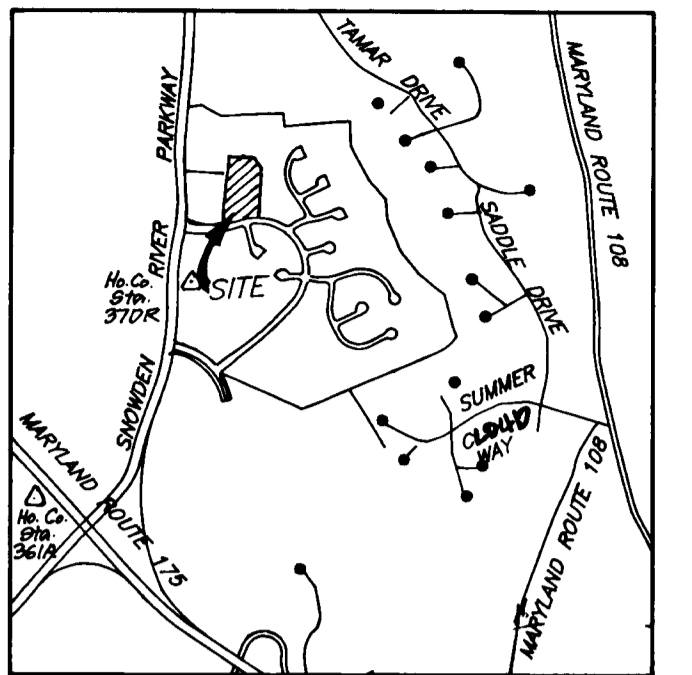
KEY	PLANT NAME	SIZE	QUANT.	REMARKS
○	ACER RUBRUM "RED SUNSET"	2-1/2" x 3" Cal.	40	B&B
○	RED SUNSET MAPLE	12"-14" HT.		Heavy Heads

GENERAL NOTES

- All construction shall be in accordance with the latest standards and specifications.
- The contractor shall notify the Department of Public Works /Bureau of Construction Inspection at (410) 313-7272 at least five (5) working days prior to the start of work.
- The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
- Project Background:
Zoning: New Town, Single Family Attached
Total Tract Area = 6.1415 ac.
Number of Proposed Lots 70 (68 Buildable Lots)
Date Preliminary Plan was approved: 12-15-92, S-93-13, F-95-25, WP-95-33, F-95-88, S/P-95-02
Design Speed: 30 mph Public Road "B"
- Information concerning underground utilities was obtained from available records and field survey, but the contractor must determine the exact location and elevation of mains by digging test pits, by hand, at all utility crossings well in advance of construction.
- All utility companies shall be notified 24 in advance of construction.
- 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.
- Topography shown hereon is taken from Aerial Survey prepared by Maps, Inc. and supplemented by field survey by Clark, Finefrock & Sackett, Inc. in November 1993.
- Horizontal and vertical datum control based on Howard County Control Station 361A EL. 400.81 and 37DR EL. 380.34.
- Light poles and fixtures for street lights shall be in accordance with the latest Howard County Design Manual, Volume III, Roads and Bridges.
- Public water and sewer is to be provided under Contract No. 24-3442.
- Storm Water Management is being provided off site for quality and quantity control in vegetative filter strips shown on F-95-25 except for the rooftop drainage of lots B-85 thru B-94 where water quality will be provided by the use of vegetative filter strips. See note 21.
- Provide handicap ramps where shown in plan. See details Sheet 2, and Howard County Standards R-4.01 in compliance with ADA requirements.
- Sag and Crest vertical Curves were designed in accordance with Howard County Design Manual Vol. III.
- Trench compaction for storm drains within the road or street rights of way limits shall be in accordance with Howard County Design Manual, Vol. IV, Std. No. G-2.0.
- A traffic study was prepared by Wells and Associates Dec. 5, 1994.
- Wetlands shown have been determined by field delineation by Kiddie Construction and surveyed by Fisher, Collins and Carter. They were also delineated by GTA and surveyed by Gutschick, Little and Weber.
- All fill soil shall be 5 ft unless indicated otherwise.
- Noise Study prepared by Willman Environmental, Inc. (6-93-16) (F-95-25).
- Geotechnical report was prepared by Robert A. Butler, Inc. (F-95-25).
- Water Quality for the rooftop drainage behind lots B-85 thru B-94 shall be provided by use of vegetative filter strips. These strips will be graded at flat slopes that range between 1 and 2 percent. The depth of flow across these buffer strips will not exceed 0.10 feet and will effectively pick up between 75 and 80 percent of the pollutants created by the rooftop runoff. The buffer strips have been designed according to the criteria provided by the Maryland Department of Natural Resources, Standards and Specifications for Infiltration Practice Section 3-3, page 3-48 and will be provided at Site Development Plan submission.

PLANTING NOTES

- All plantings shall be done in accordance with Columbia HRD planting specifications.
 - The Contractor shall verify the location of all underground utilities prior to digging.
 - Final location of plant material may vary per final field conditions.
 - See planting detail sheet.
- Indicates existing street trees to remain.



VICINITY MAP
SCALE: 1"=2000'

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 5/9/95
DATE: 4-17-95
DATE: 5/9/95

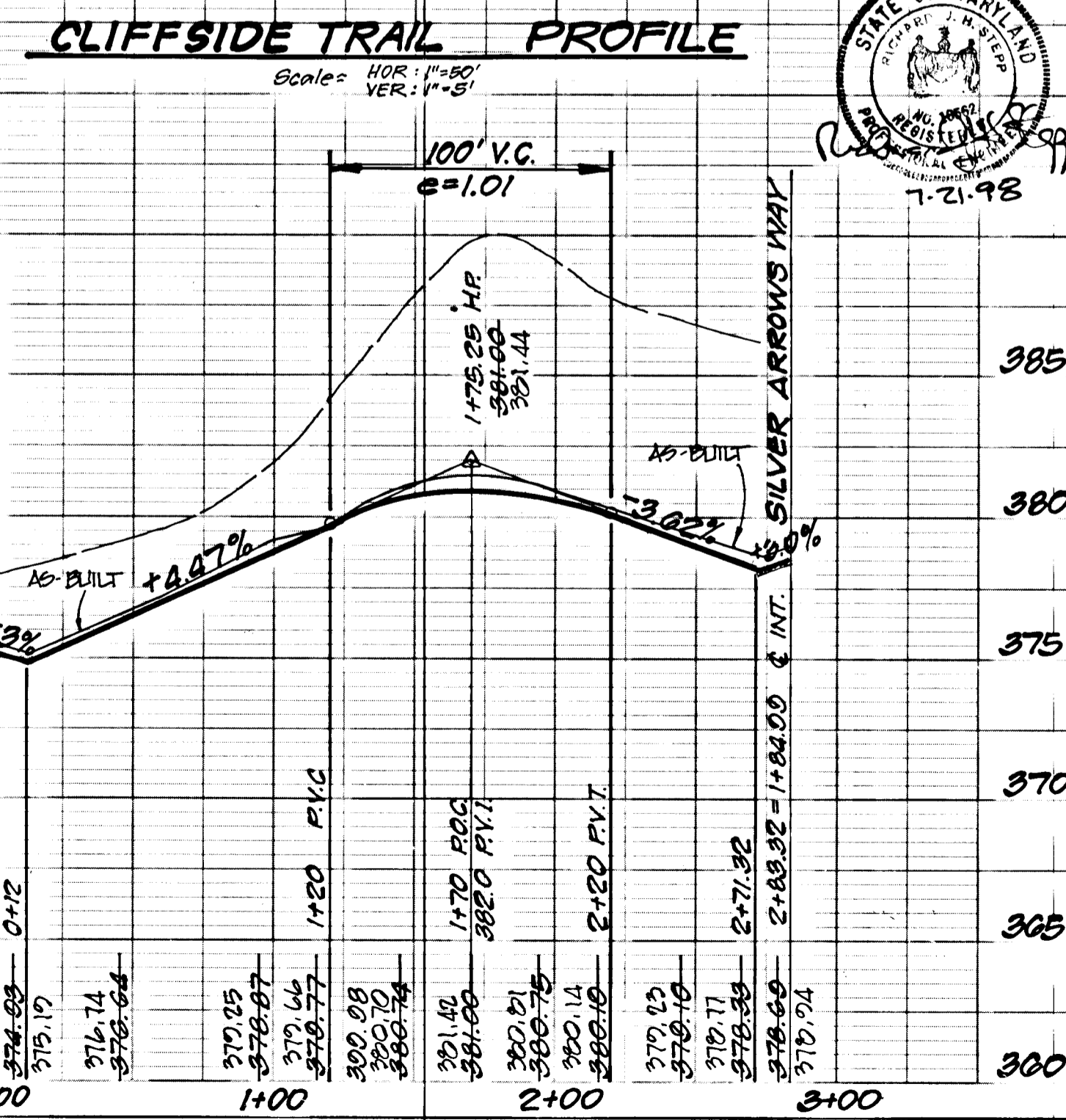
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
DATE: 5/12/95

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINTREE LANE • COLUMBIA, MD 21045 • (301) 381-7500 - BALTO. • (301) 621-8100 - WASH.

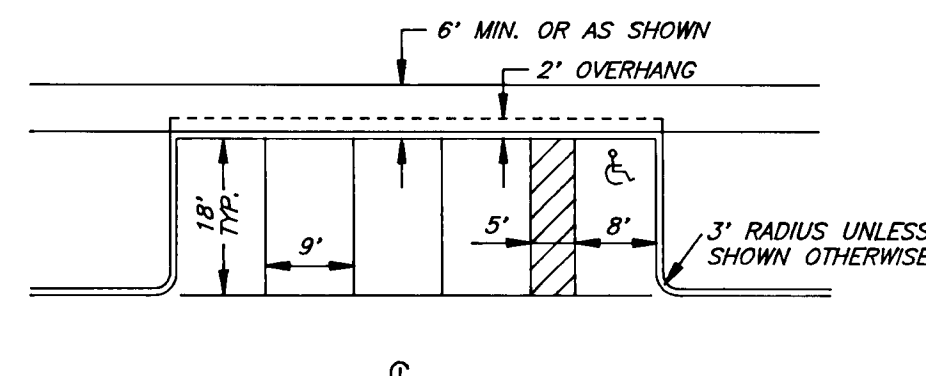
ROAD CONSTRUCTION PLANS FOR SILVER ARROWS WAY AND CLIFFSIDE TRAIL
COLUMBIA VILLAGE OF LONGREACH
PARCEL B PHASE 2
SECTION 4 AREA 2
SIXTH (6th) ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: COLUMBIA BUILDERS, INC.
P.O. BOX 999
COLUMBIA, MARYLAND 21044

DESIGNED Z.A.L. SCALE AS SHOWN
DRAWN Z.A.H. DRAWING 1 of 5
CHECKED W.A.B. JOB NO. 94-005
DATE 1-31-95 FILE NO. 94-005-D

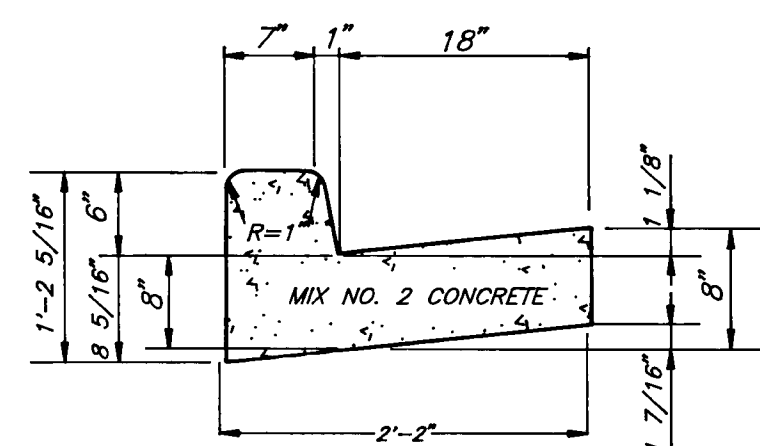


CLIFFSIDE TRAIL PROFILE
Scale = HOR: 1"=50'
VER: 1"=5'



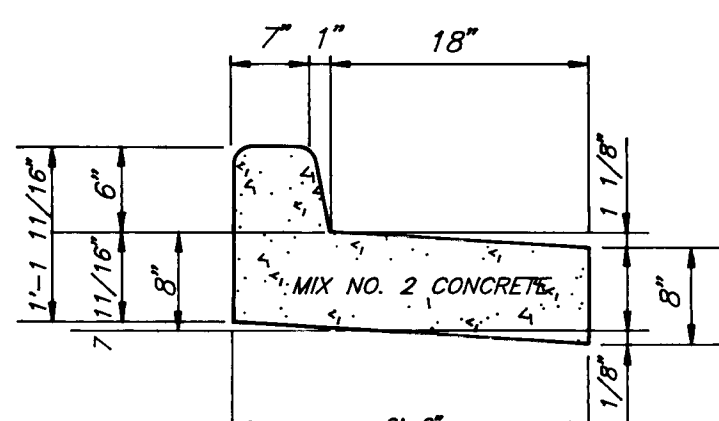
TYPICAL PARKING DETAIL

NO SCALE



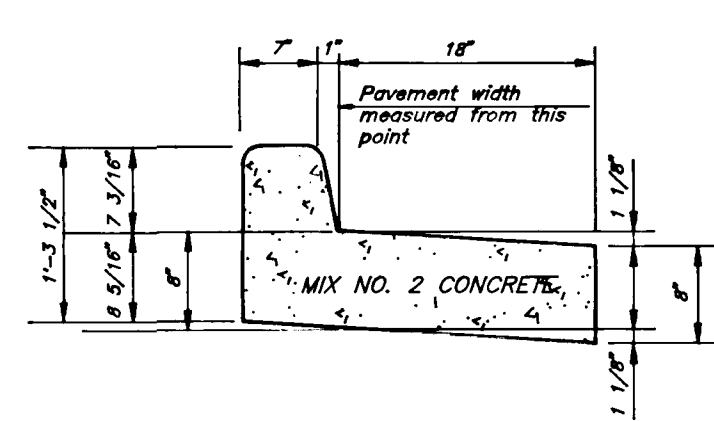
STANDARD 6" COMBINATION CURB AND GUTTER

NO SCALE



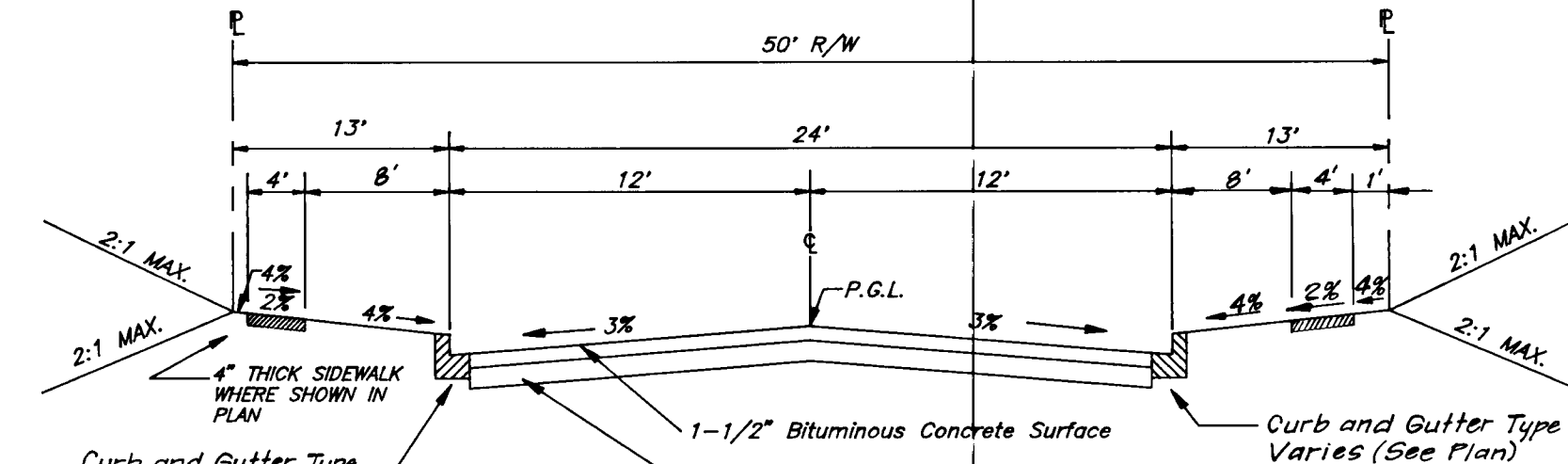
REVERSE 6" COMBINATION CURB AND GUTTER

NO SCALE



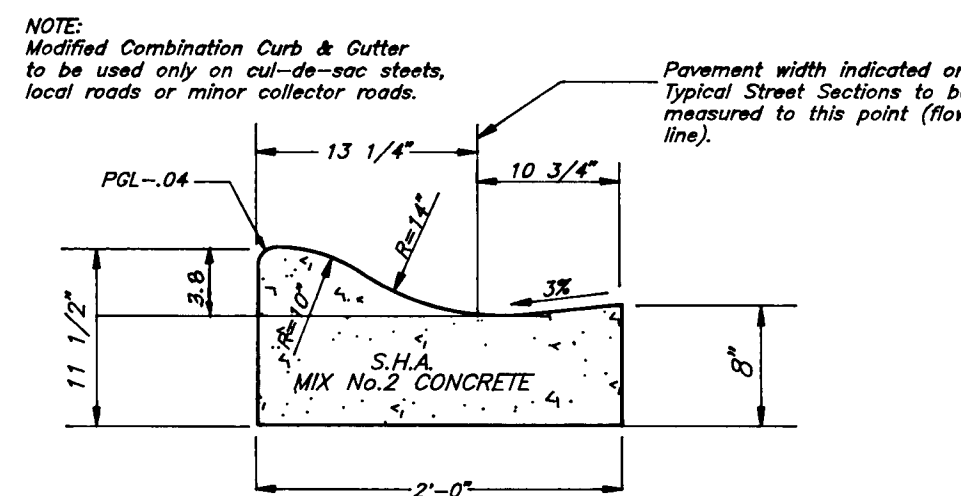
REVERSE 7" COMBINATION CURB AND GUTTER

NO SCALE



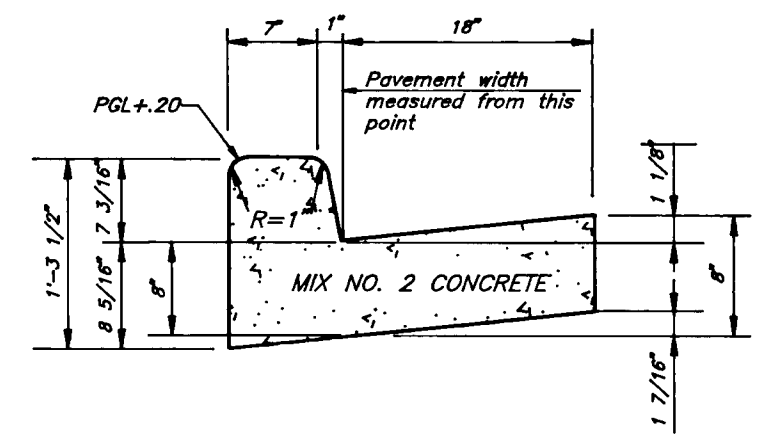
TYPICAL PAVING SECTION

NO SCALE
 STA. 0+00 TO STA. 3+38.81 (Silver Arrows Way)
 STA. 3+40.42 TO STA. 4+49.73 (Silver Arrows Way)
 STA. 4+49.73 TO STA. 5+66.61 (Silver Arrows Way)
 STA. 5+66.61 TO STA. 10+24.12 (Silver Arrows Way)



MODIFIED COMBINATION CURB AND GUTTER

NO SCALE



STANDARD 7" COMBINATION CURB AND GUTTER

NO SCALE

1-1/2" Bituminous Concrete Surface	1-1/2"
1-1/2" Bituminous Concrete Base	1-1/2"
5" Bituminous Concrete Base	5"

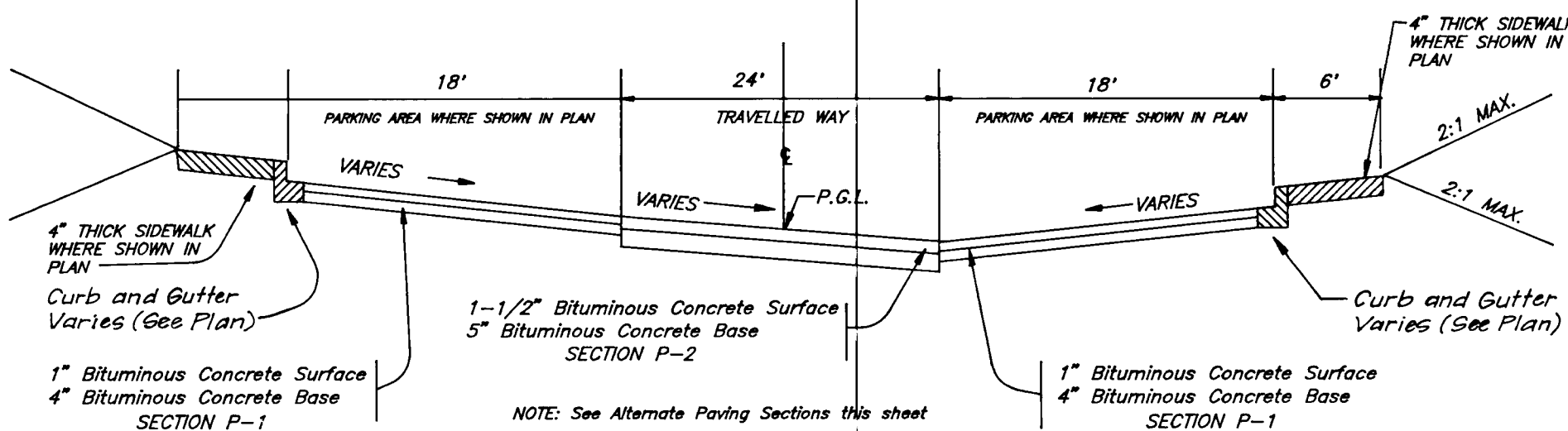
TYPICAL PAVING SECTION APRIL BROOK CIRCLE

NO SCALE (SECTION P-3)

1-1/2" Bituminous Concrete Surface	1-1/2"
4-1/2" Bituminous Concrete Base	4-1/2"
Prime	6" OR 4-1/2"

TYPICAL PAVING SECTION APRIL BROOK CIRCLE

NO SCALE (SECTION P-3)



TYPICAL PAVING SECTION

No Scale

STA. 6+93.95 TO STA. 8+16.81 (Silver Arrow Way)
 STA. 9+00 TO STA. 9+91.90 (Silver Arrow Way)

1" Bituminous Concrete Base	1"
2" Bituminous Concrete Base	2"
Prime	4" OR 5"

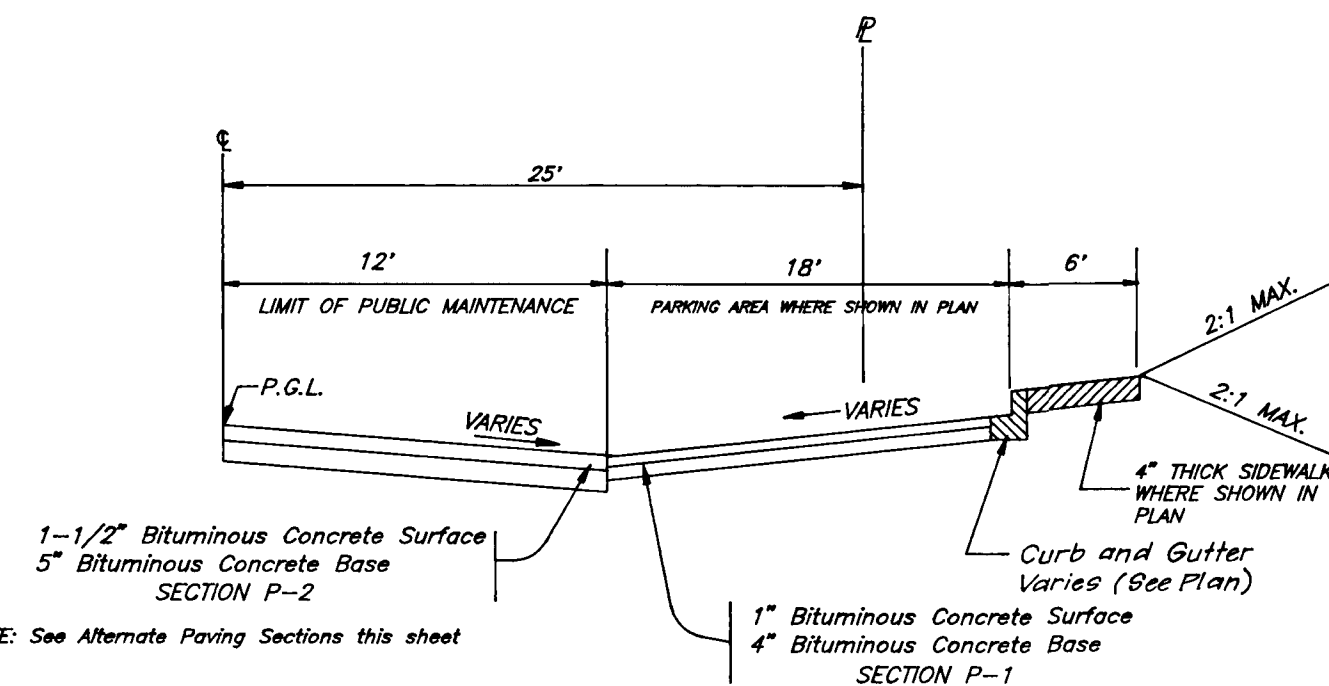
ALTERNATE PAVING SECTION FOR PARKING AREAS

NO SCALE (SECTION P-1)

1-1/2" Bituminous Concrete Base	1-1/2"
2-1/2" Bituminous Concrete Base	2-1/2"
Prime	6" OR 8"

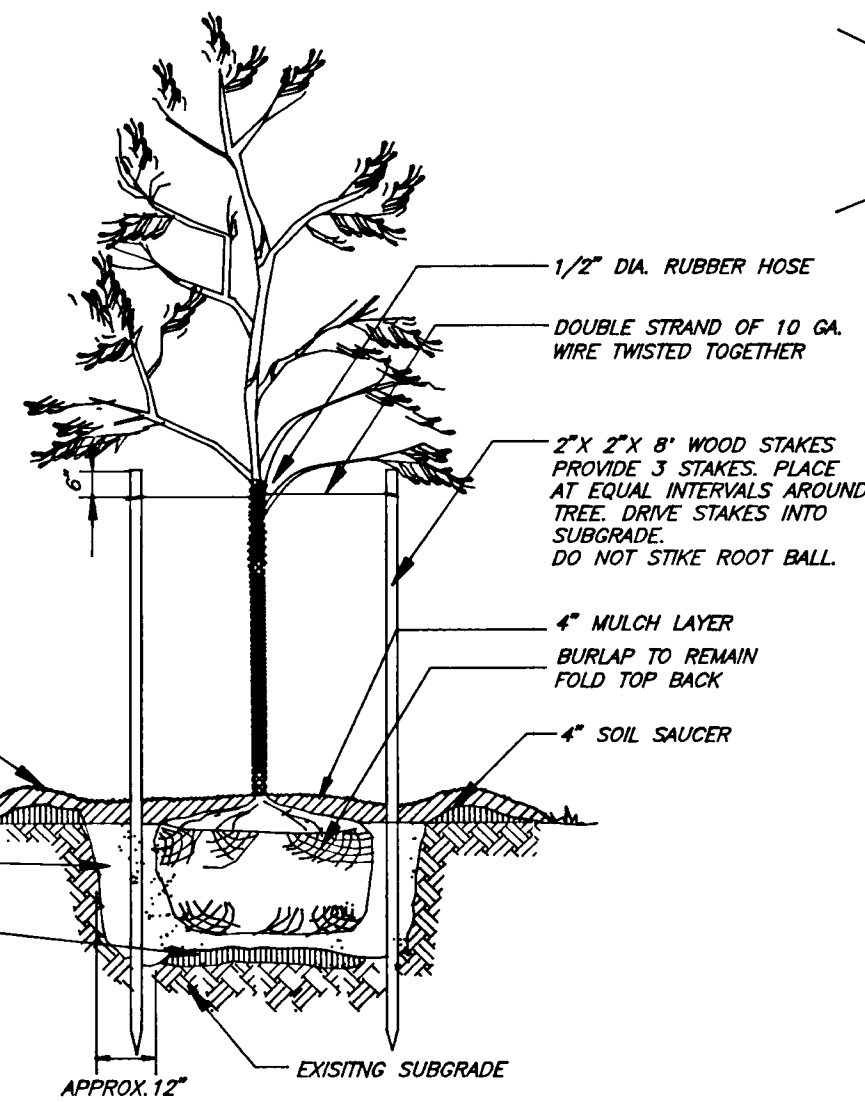
ALTERNATE PAVING SECTION FOR PUBLIC ROADS

NO SCALE (SECTION P-2)



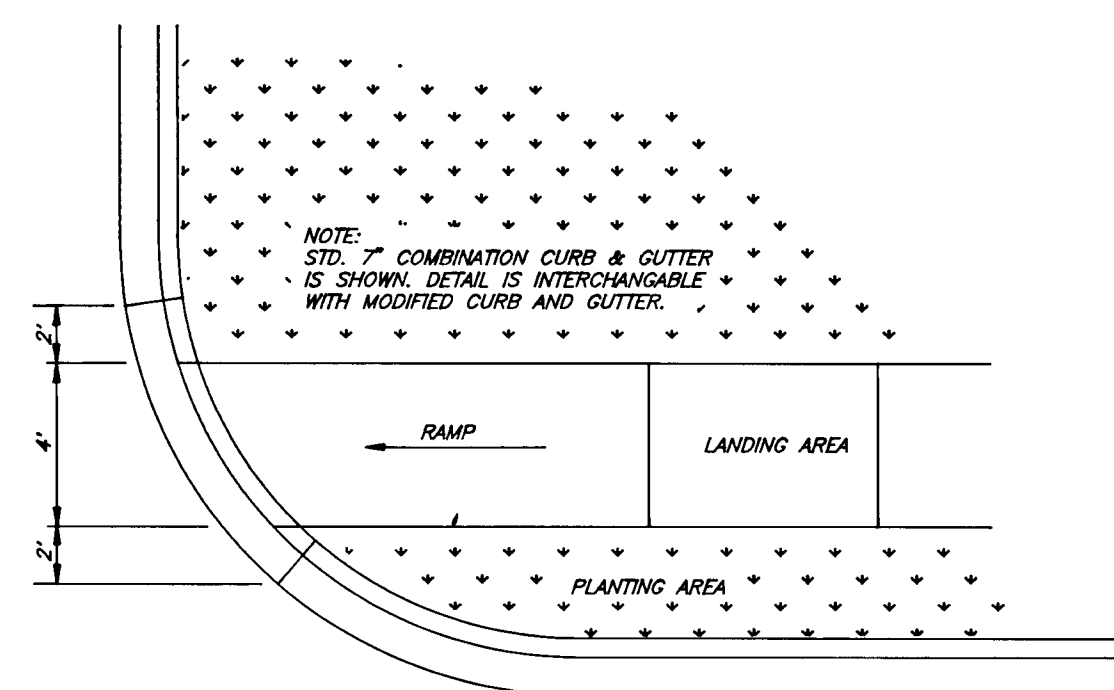
TYPICAL HALF PAVING SECTION

NO SCALE
 STA. 5+62.61 TO STA. 6+93.95 (Cliffside Trail)
 STA. 0+00 TO STA. 2+83.92 (Cliffside Trail)



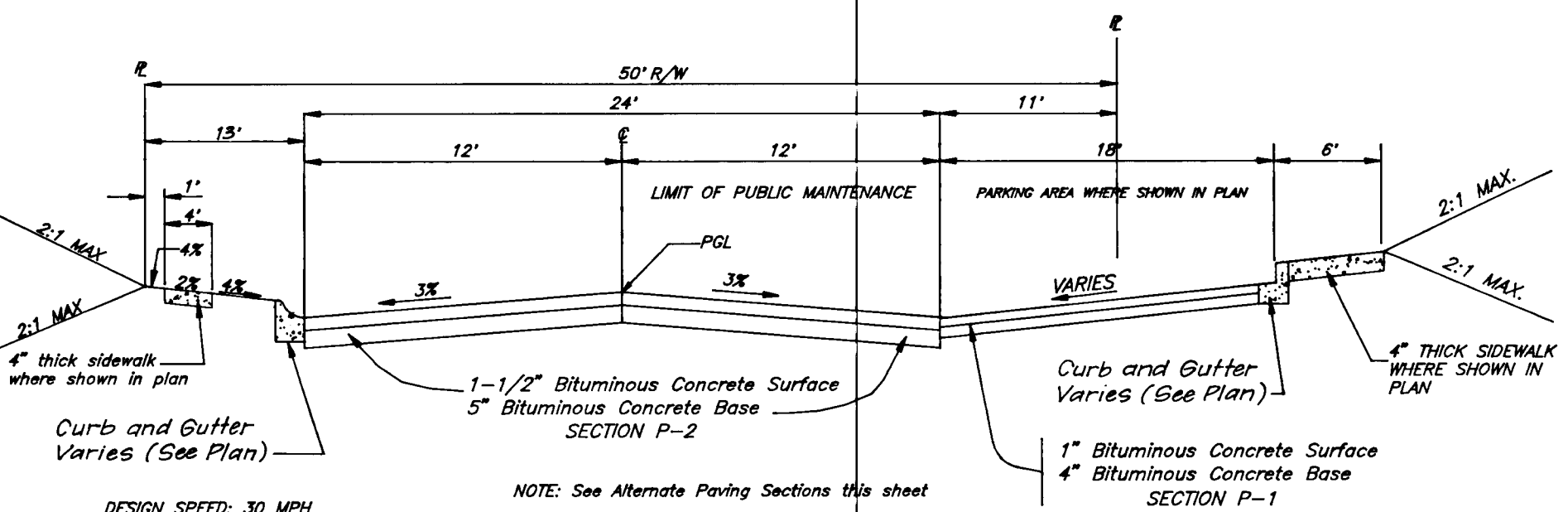
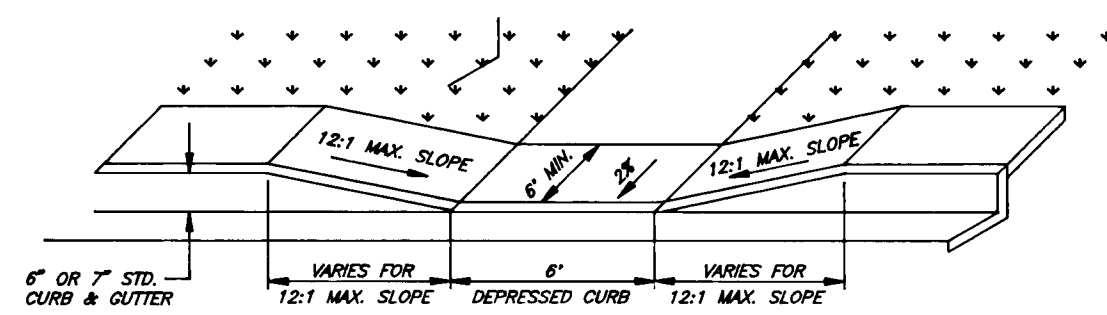
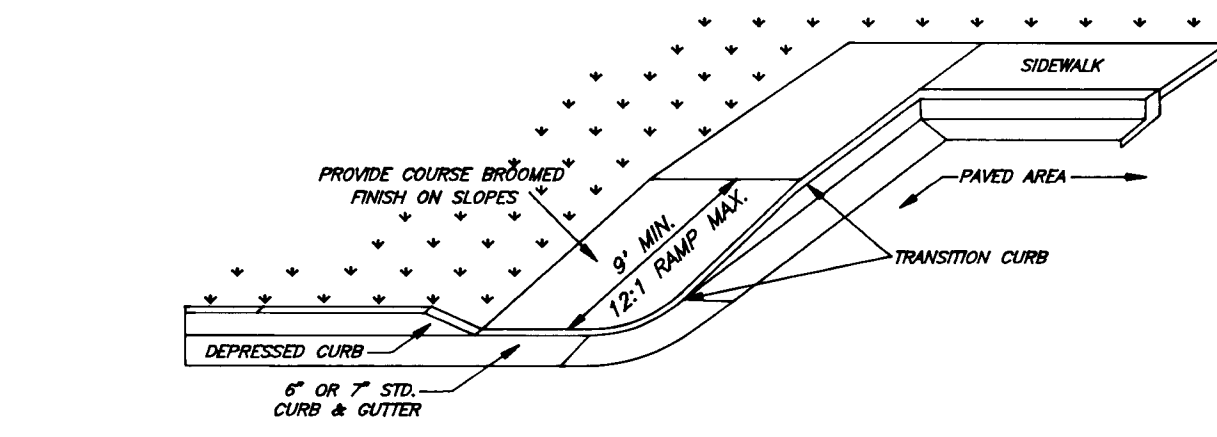
PLANTING DETAIL

NO SCALE



HANDICAP RAMP DETAILS

NO SCALE



TYPICAL PAVING SECTION

NO SCALE
 STA. 2+36.61 TO STA. 3+02.42 (Silver Arrows Way)
 STA. 3+39.73 TO STA. 4+03.73 (Silver Arrows Way)
 STA. 6+16.81 TO STA. 9+00.00 (Silver Arrows Way)

"AS BUILT"



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

5/9/95
 4-7-95
 5/9/95

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

5/12/95

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.

DESIGNED Z.A.L.
 DRAWN Z.A.H.
 CHECKED [Signature]
 DATE 1-31-95

PAVING DETAILS FOR ROAD CONSTRUCTION
COLUMBIA VILLAGE OF LONGREACH PARCEL B PHASE 2
 SECTION 4 AREA 2
 SIXTH (6th) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE No Scale
 DRAWING 2 of 5
 JOB NO. 04-005
 FILE NO. 04-005-D

FOR: COLUMBIA BUILDERS, INC.
 P.O. BOX 989
 COLUMBIA, MARYLAND 21044



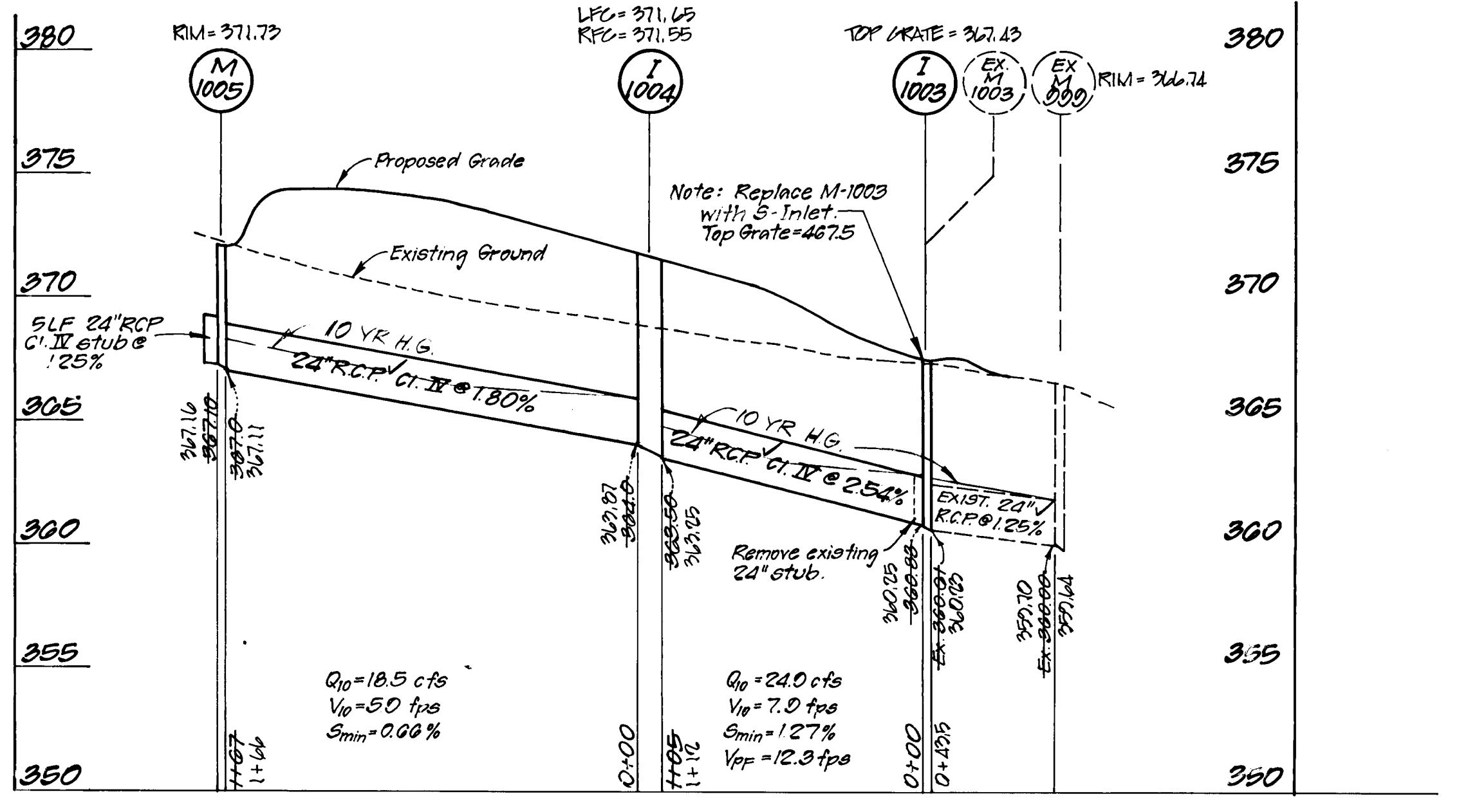
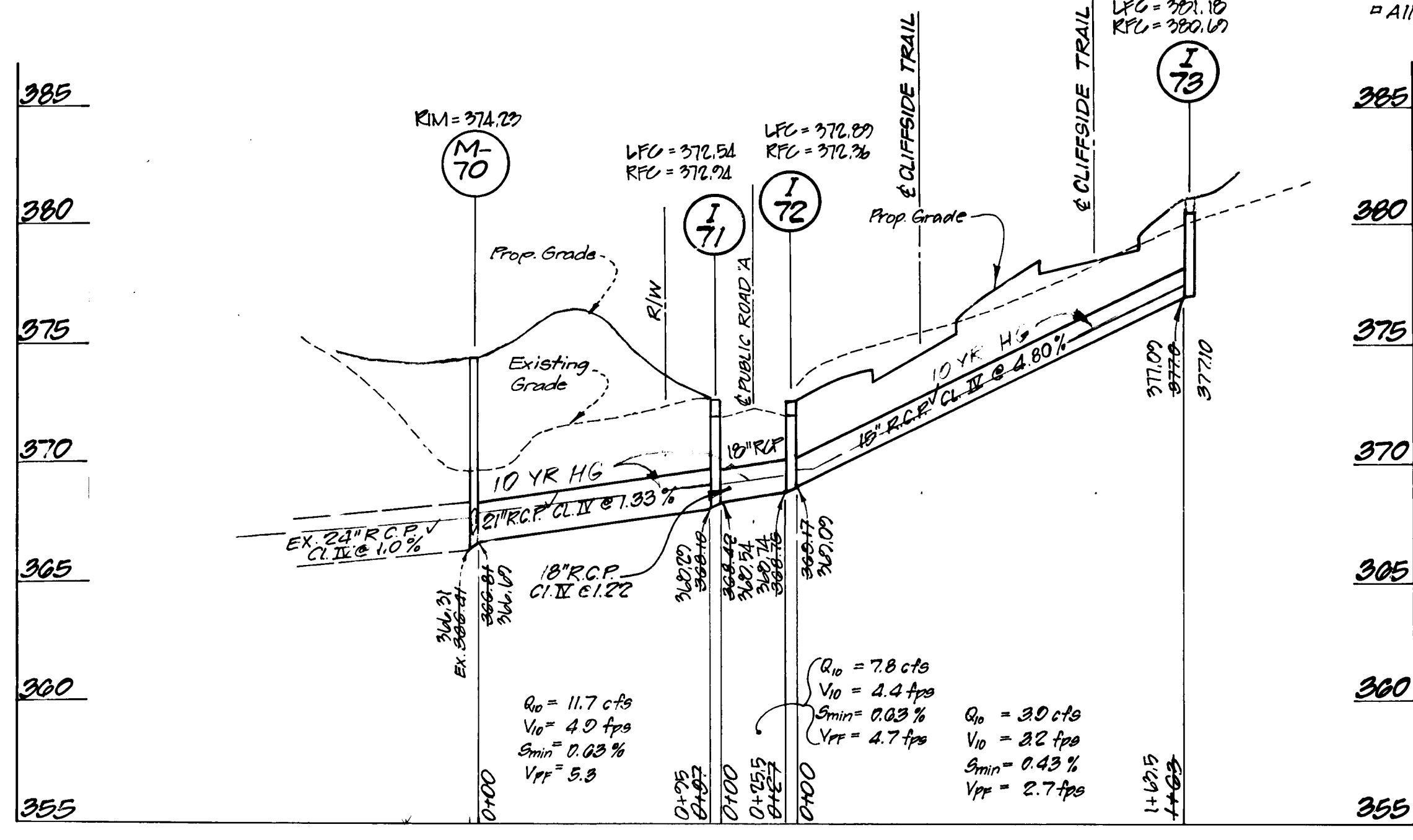
F-95-101

100

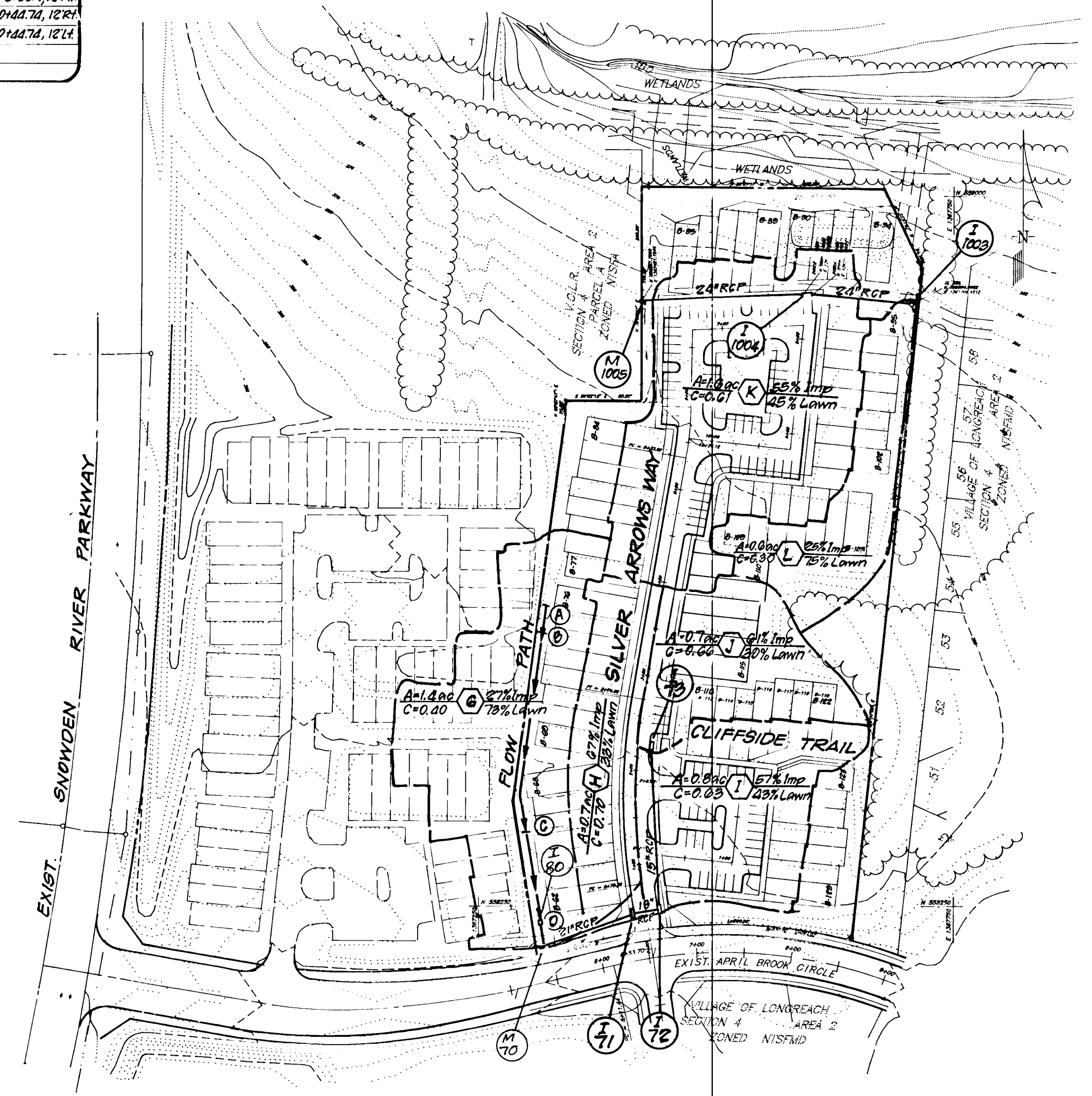
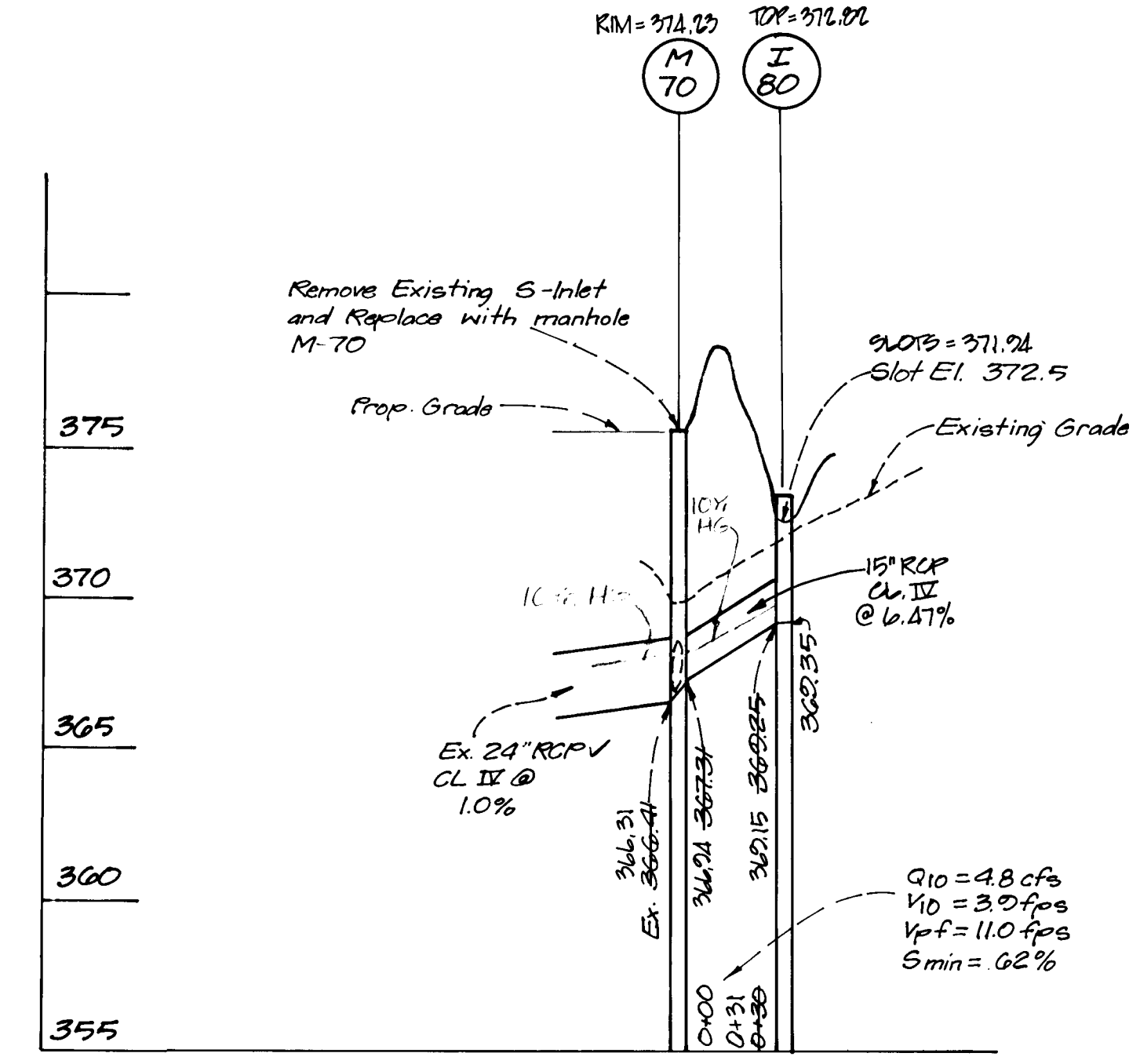
STRUCTURE SCHEDULE							
No	TYPE	INVERT #		TOP ELEVATION		REMARKS	LOCATION
		IN	OUT	UPPER	LOWER		
M-1005	Shallow Brick Manhole	367.10	367.0	372.0	371.75	1/2 Co. Std. 50'-5.05	See Plan
I-1004	A-10 Inlet	364.0	368.5	371.74	371.5	Ho. Co. Std. 60'-4.72	See Plan
I-1003	S-Inlet	360.83	360.01	Top of Grate 367.5		Ho. Co. Std. 60'-4.22	See Plan
I-72	A-10 Inlet with deflectors	377.1	377.0	381.83	380.67	Ho. Co. Std. 60'-4.02	Lower inside corner 8'-8 1/2", 12' R/L
I-72	A-10 Inlet with deflectors	369.17	368.75	372.83	372.43	Ho. Co. Std. 60'-4.02	Lower inside corner 8'-8 1/2", 12' R/L
I-71	A-10 Inlet with deflectors	368.42	368.10	372.60	372.43	Ho. Co. Std. 60'-4.02	Lower inside corner 8'-8 1/2", 12' R/L
M-70	Standard Manhole	368.81	366.41	374.53		Ho. Co. Std. 5-11	See Plan
F-80	D-Inlet	368.35	368.25	373.5	372.6	Ho. Co. Std. 50'-4.11	See Plan

* All inlets to be fully developed. * SEE PROFILES FOR INVERTS (AS BUILT)

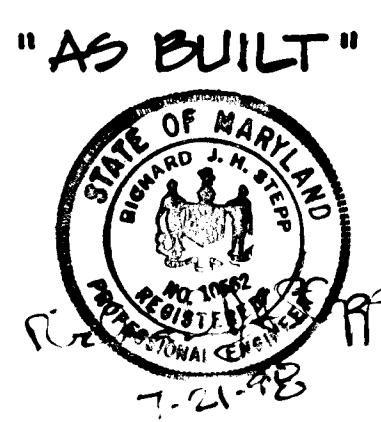
PIPE SCHEDULE		
SIZE	TYPE	LENGTH
15"	R.C.P. CL. II	103'
18"	R.C.P. CL. II	27'
21"	R.C.P. CL. II	87'
24"	R.C.P. CL. II	272'



STORM DRAIN PROFILES
Scale: Hor: 1"=50'
Ver: 1"=5'



DRAINAGE AREA MAP
Scale 1"=100'



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Chief, Land Development Division: *[Signature]* 5/1/95
 Chief, Bureau of Highways: *[Signature]* 4-17-95
 Chief, Bureau of Engineering: *[Signature]* 5/10/95

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Chief, Division of Land Development and Research: *[Signature]* 5/12/95

CLARK • FINEROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.

DESIGNED: Z.A.L.
 DRAWN: Z.A.H.
 CHECKED: *[Signature]*
 DATE: 1-31-95

STORM DRAIN PROFILES AND DRAINAGE AREA MAP
COLUMBIA VILLAGE OF LONGREACH
 PARCEL B PHASE 2
 SECTION 4 AREA 2
 SIXTH (6th) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: As Shown
 DRAWING: 3 of 5
 JOB NO.: 94-005
 FILE NO.: 94-005-D

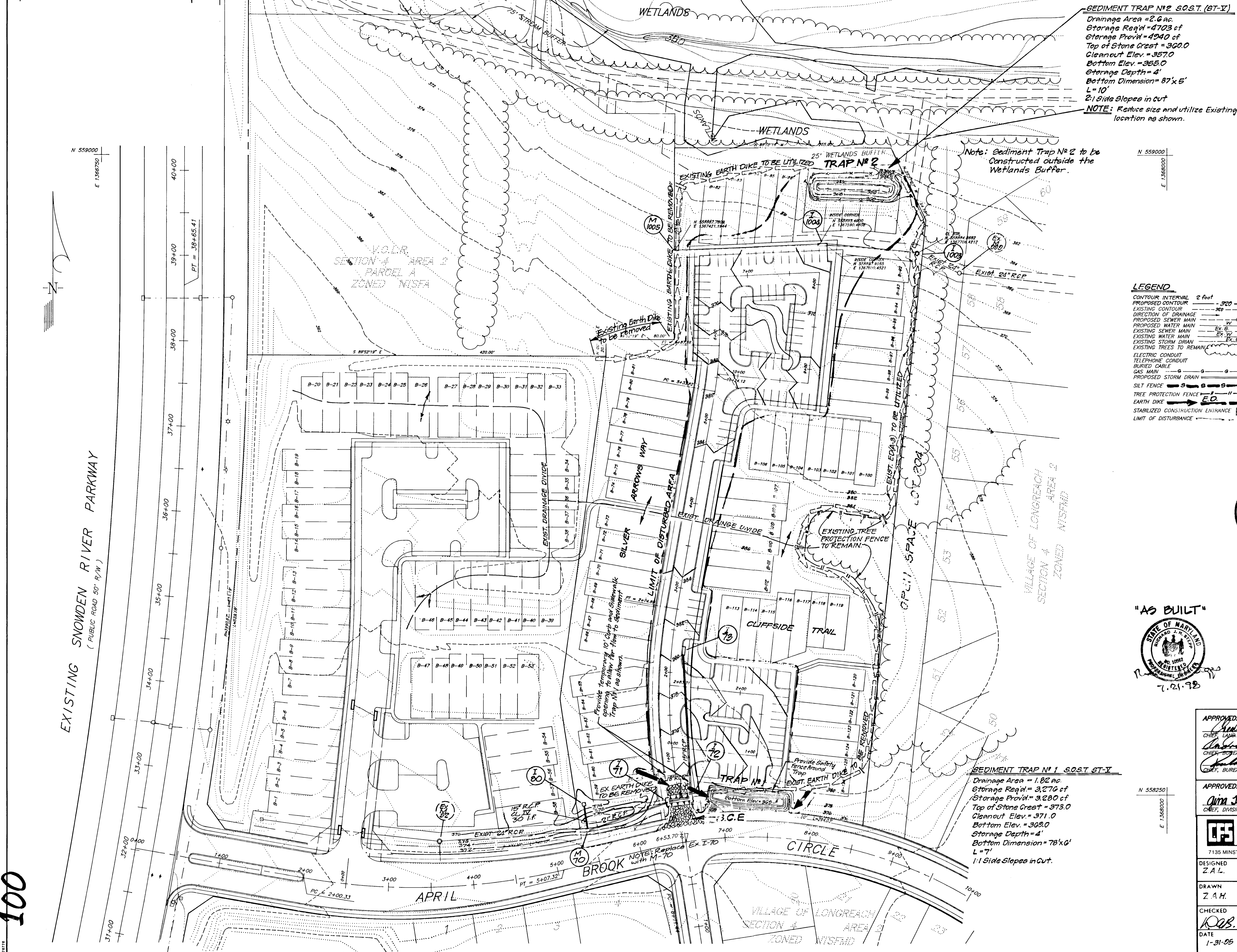
FOR: COLUMBIA BUILDERS, INC.
 P.O. BOX 999
 COLUMBIA, MARYLAND 21044

100

No.	REVISIONS	DATE
1.	Add Profiles, Rev pipe & structure schedules	8-29-95

F95-101

No.	REVISIONS	DATE
1	Replace Ex. I-70 w/M-70 Add I-80; Rev. grading accordingly.	8-29-95

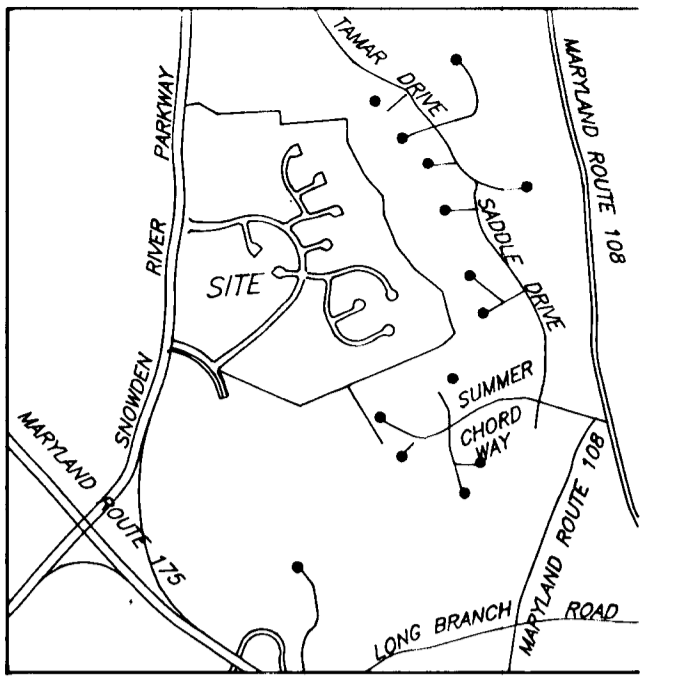


SEDIMENT TRAP #2 S.O.S.T. (ST-V)
 Drainage Area = 2.6 ac.
 Storage Req'd = 4703 cf
 Storage Provided = 4940 cf
 Top of Stone Crest = 360.0
 Cleanout Elev. = 357.0
 Bottom Elev. = 355.0
 Storage Depth = 4'
 Bottom Dimension = 87' x 5'
 L = 10
 2:1 Side Slopes in cut
NOTE: Reduce size and utilize Existing Trap location as shown.

Note: Sediment Trap #2 to be Constructed outside the Wetlands Buffer.

LEGEND

CONTOUR INTERVAL	2 foot
PROPOSED CONTOUR	--- 320 ---
EXISTING CONTOUR	--- 320 ---
DIRECTION OF DRAINAGE	→
PROPOSED SEWER MAIN	--- S ---
PROPOSED WATER MAIN	--- W ---
EXISTING SEWER MAIN	--- S ---
EXISTING WATER MAIN	--- W ---
EXISTING STORM DRAIN	--- SD ---
EXISTING TREES TO REMAIN	(Tree symbol)
ELECTRIC CONDUIT	--- E ---
TELEPHONE CONDUIT	--- T ---
BURIED CABLE	--- C ---
GAS MAIN	--- G ---
PROPOSED STORM DRAIN	--- SD ---
SILT FENCE	--- S ---
TREE PROTECTION FENCE	--- TP ---
EARTH DIKE	--- ED ---
STABILIZED CONSTRUCTION ENTRANCE	--- CE ---
LIMIT OF DISTURBANCE	--- LD ---



VICINITY MAP
SCALE: 1"=2000'

Reviewed for HOWARD S.C.D.
 and meets Technical Requirements
[Signature] 1/31/95
 Signature
 US Soil Conservation Service

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

[Signature] 1/31/95
 Approved



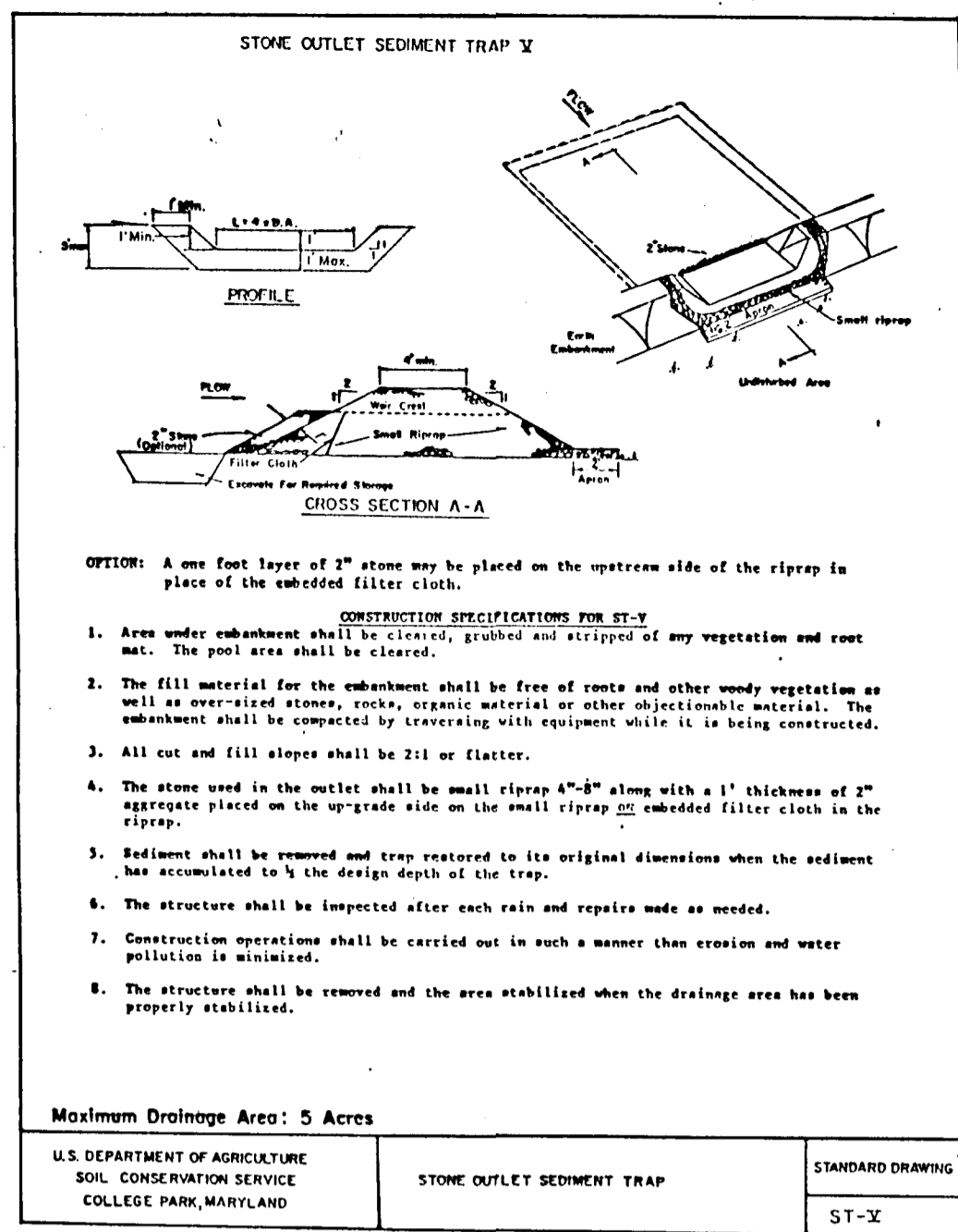
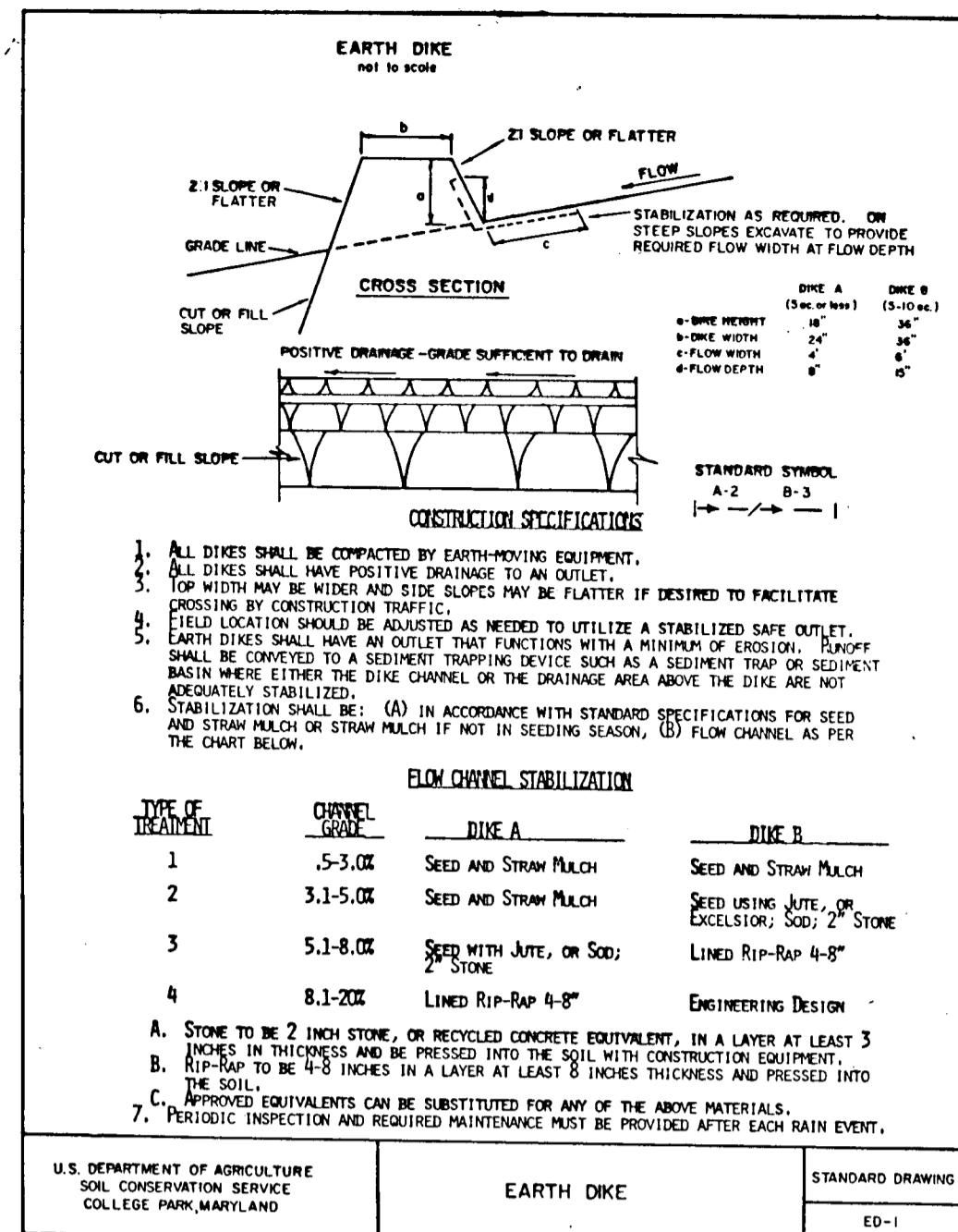
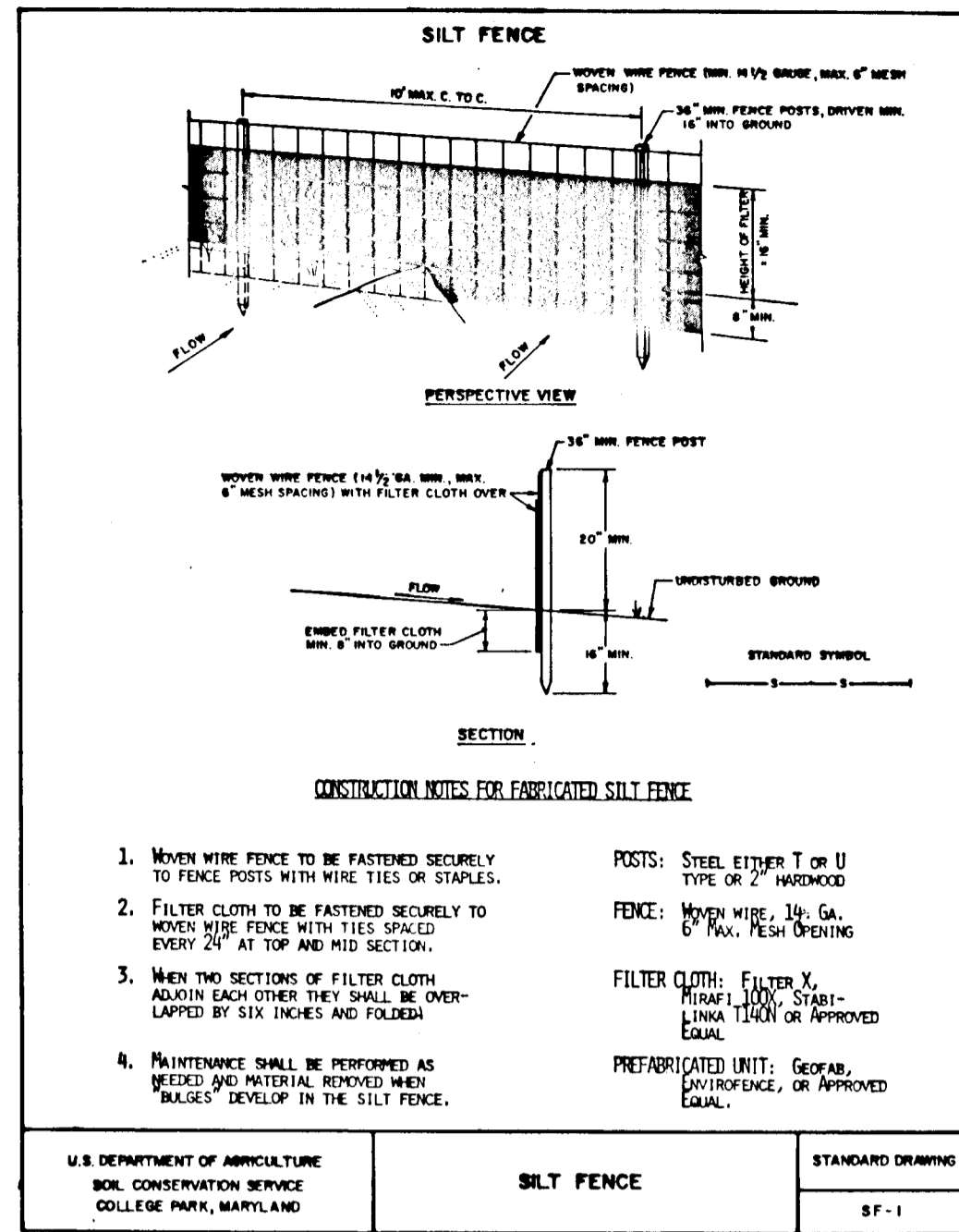
ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
[Signature] 1-31-95
 G. NELSON CLARK DATE



"AS BUILT"
DEVELOPER'S/BUILDER'S CERTIFICATE
 I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion 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] 3-27-96
 NAME DATE

APPROVED: <i>[Signature]</i> CHIEF, LAND DEVELOPMENT DIVISION	5/9/95 DATE
<i>[Signature]</i> CHIEF, BUREAU OF HIGHWAYS	4-13-95 DATE
<i>[Signature]</i> CHIEF, BUREAU OF ENGINEERING	5/10/95 DATE
APPROVED: <i>[Signature]</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH	5/12/95 DATE

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.	
DESIGNED Z.A.L.	SCALE 1"=50'
DRAWN Z.A.H.	DRAWING 2 of 5
CHECKED <i>[Signature]</i>	JOB NO. 94-005
DATE 1-31-95	FILE NO. 94-005-D
FOR: COLUMBIA BUILDERS, INC. P.O. BOX 999 COLUMBIA, MARYLAND 21044	



PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:
1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft.) before seeding.
2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23 lbs./1000 sq ft.) before seeding.
Harrow or disc into upper three inches of soil.

SEEDING: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 600 lbs per acre (14 lbs/1000 sq ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.5 lbs/1000 sq ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft.) of unrattled 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 seeded areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

SEEDBED 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 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 (3.2 lbs./1000 sq ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (0.7 lbs/1000 sq ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

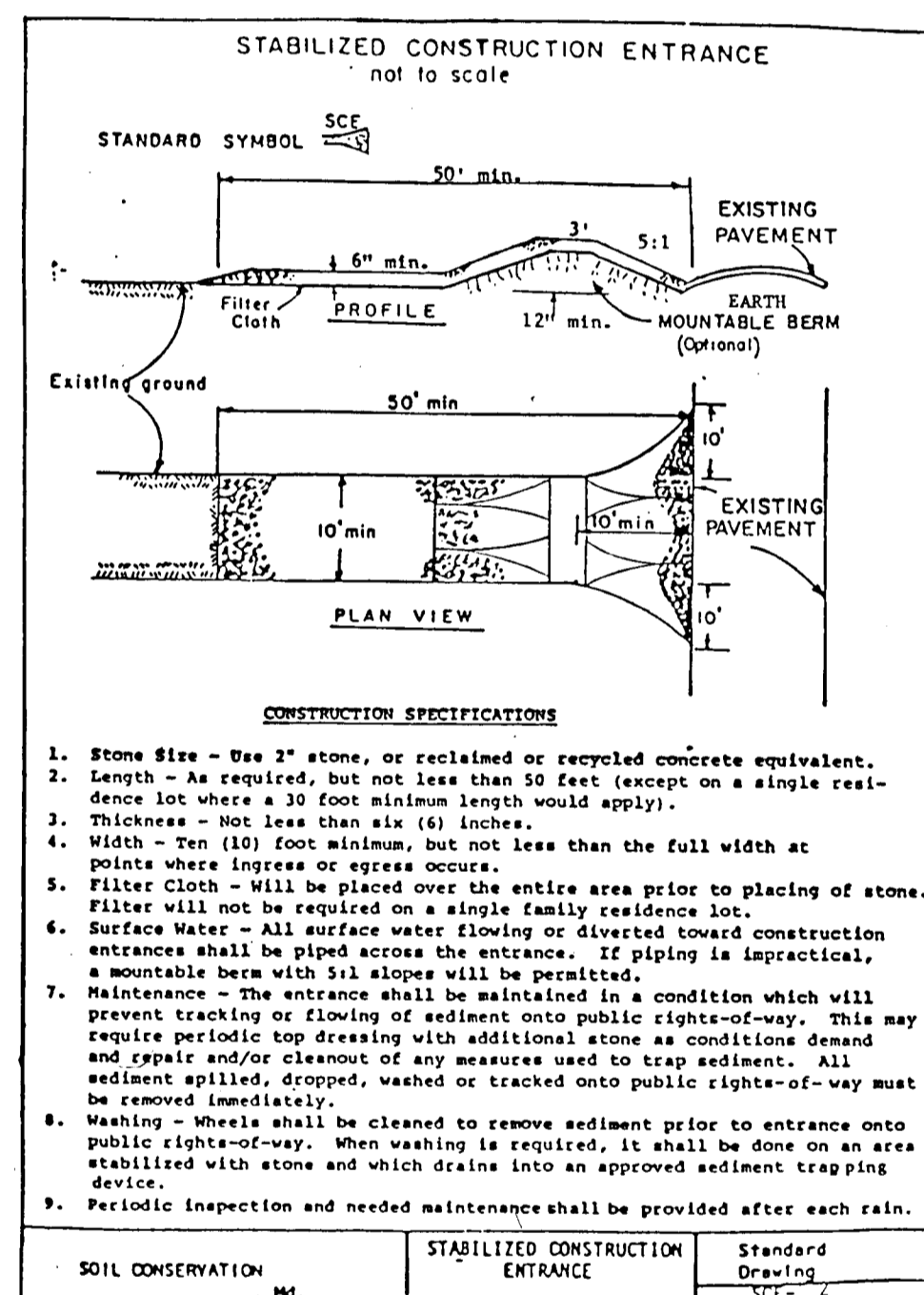
MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft.) of unrattled small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft.) for anchoring.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEDIMENT AND EROSION CONTROL NOTES

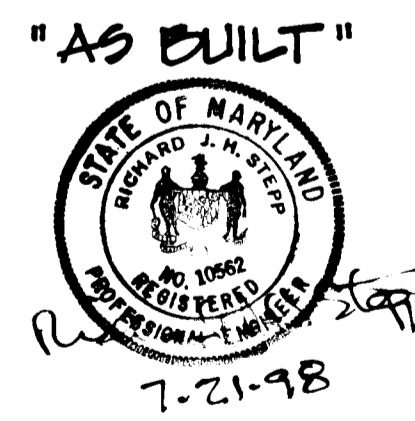
- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (892-2437).
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- Permanent traps/basins shown must be fenced and warning signs posted around their perimeters in accordance with Vol. I, 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) sod (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: 6.14 ac
Area Disturbed: 2.47 ac
Area to be roofed or paved: 1.27 ac
Area to be vegetatively stabilized: 1.24 ac
Total Cut: 890 c.y.
Total Fill: 0
- 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 control must be provided, if deemed necessary, by the Howard County DPM 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.
- Houses are to be constructed on an "as sold" basis, at random. Single Family Sediment Control, as shown below shall be implemented.
- All pipes to be blocked at the end of each day (see detail in this sheet).
- The total amount of silt fence = 155 LF.

*It is the responsibility of the contractor to identify the spoil/borrow site and notify and gain approval from the sediment control inspector of the site and it's grading permit number at the time of construction.



CONSTRUCTION SEQUENCE

NO.	DESCRIPTION	NO. OF DAYS
1.	Obtain a grading permit.	7
2.	Install structures I-73 through I-70 and brick shut I-73, I-72, and I-71.	21
3.	Replace structure M-1003 with I-1003 and construct remaining storm drainage structures I-1003 through I-1005. Brick shut I-1004, and provide inlet protection for I-1003.	21
4.	Install all sediment and erosion control devices and stabilize.	21
5.	Construct utilities.	60
6.	Construct paving and sidewalk.	30
7.	Final grade and stabilize in accordance with Std. and Specs.	14
8.	Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize.	7
9.	Install remaining curb and gutter and sidewalk.	7



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 5/9/95
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DATE: 5/9/95

APPROVED: CLARK • FINEFROCK & SACKETT, INC.
 DATE: 5/12/95

7135 MINSTREE WAY • COLUMBIA, MD. 21045 • (410) 381-7500 • BALTO. • (301) 621-8100 - WASH.

DESIGNED	Z.A.L.	SCALE
DRAWN	Z.A.H.	50' = 1"
CHECKED	W.G.B.	DRAWING NO. 04-095
DATE	1-31-95	JOB NO. 04-095
		FILE NO. 04-095-D

Reviewed for HOWARD S.C.D.
 Signature: [Signature] 4/16/95
 US Soil Conservation Service

DEVELOPER'S/BUILDER'S CERTIFICATE
 I hereby certify that all development and construction will be done according to this plan of development and plan for sediment and erosion 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] 5-29-95
 DATE

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Sediment and Erosion 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] 1-31-95
 DATE