

ROAD CONSTRUCTION, STORM DRAINAGE AND GRADING PLANS FOR

GWYNDYL OAK ESTATES

LOTS 1-40 AND PARCELS 'A', 'B' AND 'C'
AND RESIDUE PARCEL 'D'
FOURTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

APPROVED
Rob Damsius 7/10/94
CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED
Andrea M. Douke 7-13-94
CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED
Paul J. Spear 7/13/94
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED
Aina Strammaris 7/20/94
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

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/BUREAU OF CONSTRUCTION INSPECTION AT (410) 792-7272 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:
LOCATION: MCKENDREE ROAD TAX MAP: 14
PARCEL: 132
ZONING: RC - D20
ELECTION DISTRICT: 4th
TOTAL TRACT AREA: 170.044 ±
NUMBER OF PROPOSED LOTS: 40
- DATE OF SKETCH / PRELIMINARY, 5P 23-15, APPROVAL 10/12/93.
- 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.
- TOPOGRAPHIC SURVEY BY PHOTO SCIENCE, INC. ON OR ABOUT 3/28/89 • 2' (TWO FEET) CONTIGUOUS INTERVAL.
- HORIZONTAL AND VERTICAL DATUM BASED ON HOWARD COUNTY CONTROL.
- PRIVATE WATER AND PRIVATE SEWER TO BE UTILIZED.
- STORM WATER MANAGEMENT IS PROVIDED FOR THE INCREASE IN RUN-OFF RESULTING FROM THE ROAD IMPERVIOUS AREAS. ALL STORM WATER MANAGEMENT PONDS ARE PUBLIC STORM WATER MANAGEMENT FACILITIES.
- FLOODPLAIN BASED ON FLOOD INSURANCE RATE MAP (F.I.R.M.) No. 2400 4400 14B APPROVED UNDER 5P 23-15 ON 10-12-93.
- WETLANDS DELINEATION PREPARED BY EXPLORATION RESEARCH, INC. AND APPROVED UNDER 5P 93-15, ON 10-12-93.
- TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP, INC. ON MARCH 3, 1993 AND APPROVED UNDER 5P 93-15, ON 10-12-93.
- NOISE STUDY: A WAIVER FOR NOT PROVIDING A NOISE STUDY WAS APPROVED UNDER 5P 93-15 ON 8/4/93.
- GEOTECHNICAL REPORT PREPARED BY HERBST AND ASSOCIATES ON MARCH 18, 1993 AND APPROVED UNDER 5P 93-15.
- EXISTING UTILITIES WERE LOCATED BY A SURVEY PERFORMED BY FISHER, COLLINS & CARTER, INC. ON 02-12-93.
- AREA OF PROPOSED LOTS: 22.353 ±.
- AREA OF PROPOSED ROADS: 0.162 ±.
- 1 DWELLING UNIT AND ONE TENANT HOUSE ARE PROPOSED ON THE AGRICULTURAL PRESERVATION PARCEL 'B'. (PRESERVATION PARCEL 'B' IS THE ONLY BUILDABLE PARCEL).
- TOTAL AREA OF PRESERVATION PARCELS 'A', 'B' & 'C': 111.225 ±. AGRICULTURAL PRESERVATION PARCEL 'B' (52.212 ± AC.) TO BE PRIVATELY OWNED AND MAINTAINED. ENVIRONMENTAL PRESERVATION PARCELS 'A' AND 'C' (TOTAL AREA 59.013 ± AC.) TO BE OWNED AND MAINTAINED BY H.O.A.
- SECTION 16.18(b)(3) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PROHIBITS CLEARING, GRADING OR CONSTRUCTION ACTIVITY WITHIN THE REQUIRED WETLAND OR STREAM BANK BUFFERS.
- MCKENDREE ROAD IS IMPROVED IN ACCORDANCE WITH DETAIL 19-10-01 DESIGN MANUAL VOLUME 23.

HOME OWNERS ASSOCIATION MAINTENANCE RESPONSIBILITIES FOR STORM WATER MANAGEMENT PONDS No. 1 AND No. 2

- TOP AND SIDE SLOPES OF THE EMBANKMENT SHALL BE MOWED A MINIMUM OF TWO (2) TIMES A YEAR, ONCE IN JULIE AND ONCE IN SEPTEMBER. OTHER SIDE SLOPES, THE BOTTOM OF THE POND, AND MAINTENANCE ACCESS SHOULD BE MOWED AS NEEDED.
- DEBRIS AND LITTER NEXT TO THE OUTLET STRUCTURE SHALL BE REMOVED DURING REGULAR MOWING OPERATIONS AND AS NEEDED.
- WHERE DEEMED NECESSARY FOR AESTHETIC REASONS, SEDIMENT SHOULD BE REMOVED FROM THE POND. APPROVAL OF THE DEPARTMENT OF PUBLIC WORKS IS REQUIRED.

THE HORIZONTAL AND VERTICAL CONTROL IS BASED ON THE FOLLOWING "MAD 27" STATIONS:

3433004	N 534653.441
	E 795420.547
3433005	N 534974.172
	E 794062.701

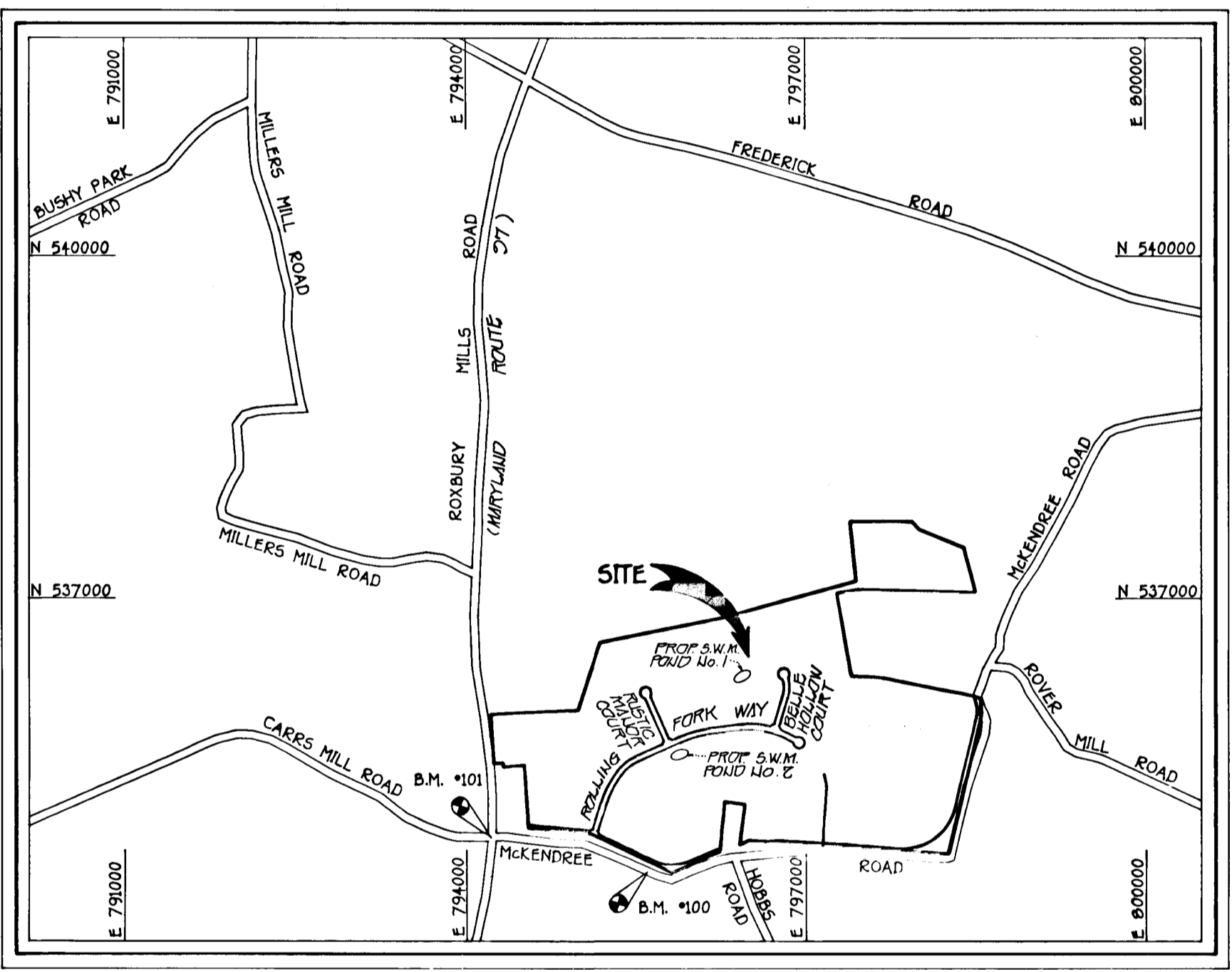
BENCH MARKS

B.M. *101
HOWARD COUNTY CONCRETE MONUMENT No. 3433005
SEE THIS SHEET FOR PLAN VIEW LOCATION
NORTHING AND EASTING:
NORTH 534974.172 EAST: 794062.901
ELEV. = 620.07

B.M. *100
HOWARD COUNTY CONCRETE MONUMENT No. 3433004
SEE THIS SHEET FOR PLAN VIEW LOCATION
NORTHING AND EASTING:
NORTH 534653.436 EAST: 795420.537
ELEV. = 597.33

SHEET INDEX

- TITLE SHEET
- MCKENDREE ROAD/R/W WIDENING AND ROLLING FORK WAY PLAN
- ROLLING FORK WAY PLAN AND PROFILE AND RUSTIC MANOR COURT PLAN
- ROLLING FORK WAY PLAN AND PROFILE, BELLE HOLLOW COURT PLAN AND ULINEAR PROFILE
- RUSTIC MANOR COURT PLAN AND PROFILE, BELLE HOLLOW COURT PLAN AND PROFILE
- MCKENDREE ROAD (RELOCATED) PLAN AND PROFILE
- CROSS SECTIONS ALONG ASCEL, CROCEL, LAUES
- CROSS SECTIONS ALONG ASCEL, CROCEL, LAUES
- STREET TREE, GRADING AND SEDIMENT CONTROL PLAN
- STREET TREE, GRADING AND SEDIMENT CONTROL PLAN
- STREET TREE, GRADING AND SEDIMENT CONTROL PLAN
- STREET TREE, GRADING AND SEDIMENT CONTROL PLAN
- STREET TREE, GRADING AND SEDIMENT CONTROL PLAN
- ROAD AND SEDIMENT CONTROL DETAILS
- DRILLAGE AREA & SOILS MAP AND SOIL BORING PROFILES
- STORM DRAIN PROFILES
- STORM DRAIN PROFILES
- STORM WATER MANAGEMENT PONDS #1 AND #2 PROFILES AND DETAILS
- FINAL LANDSCAPING PLAN
- FINAL LANDSCAPING PLAN
- FINAL LANDSCAPING PLAN



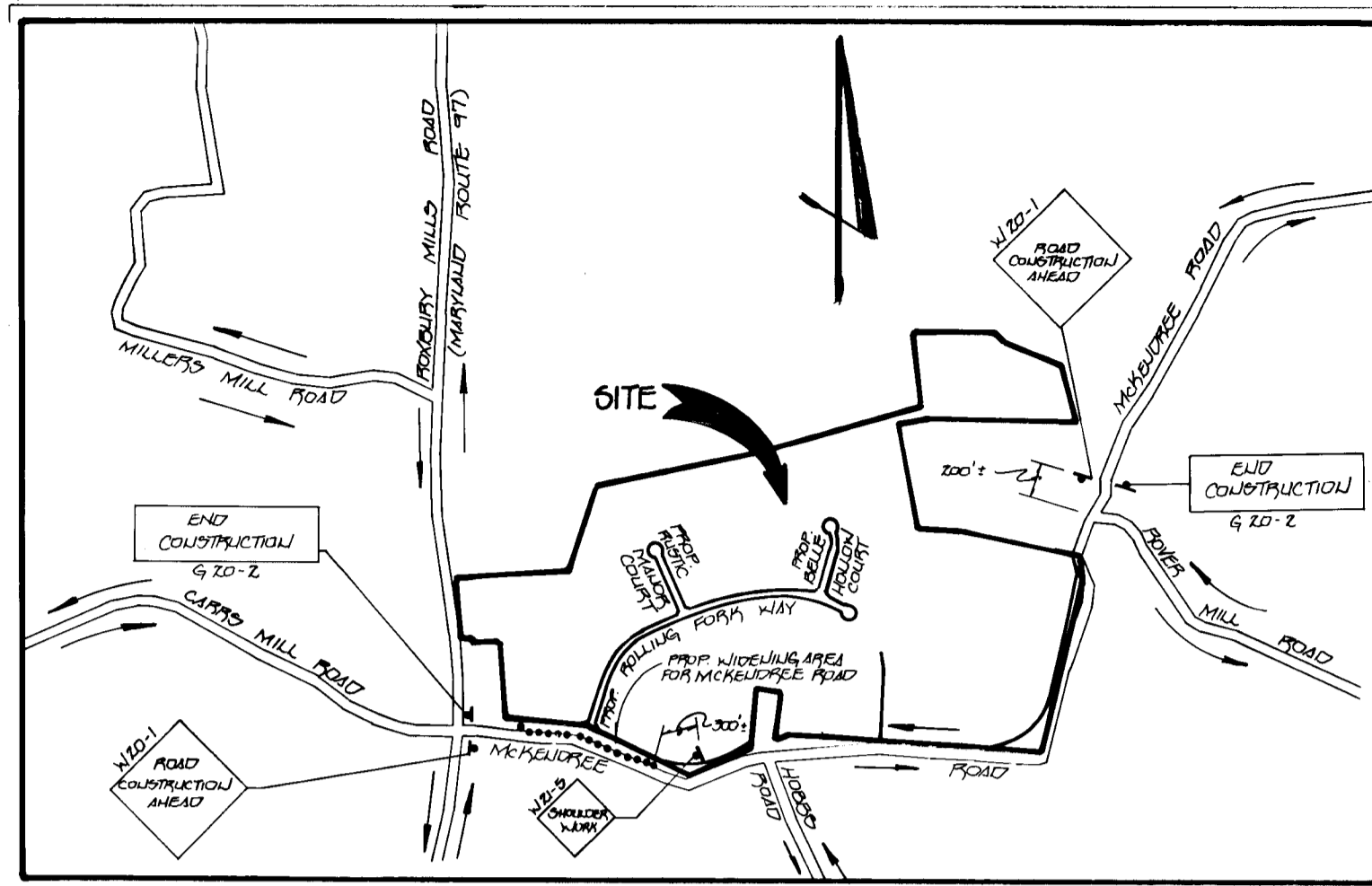
VICINITY MAP
SCALE: 1" = 1200'

1705

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
871 BALTIMORE NATIONAL TRAIL, SUITE 100
ELLSWORTH CITY, MARYLAND 21042
410-461-2955

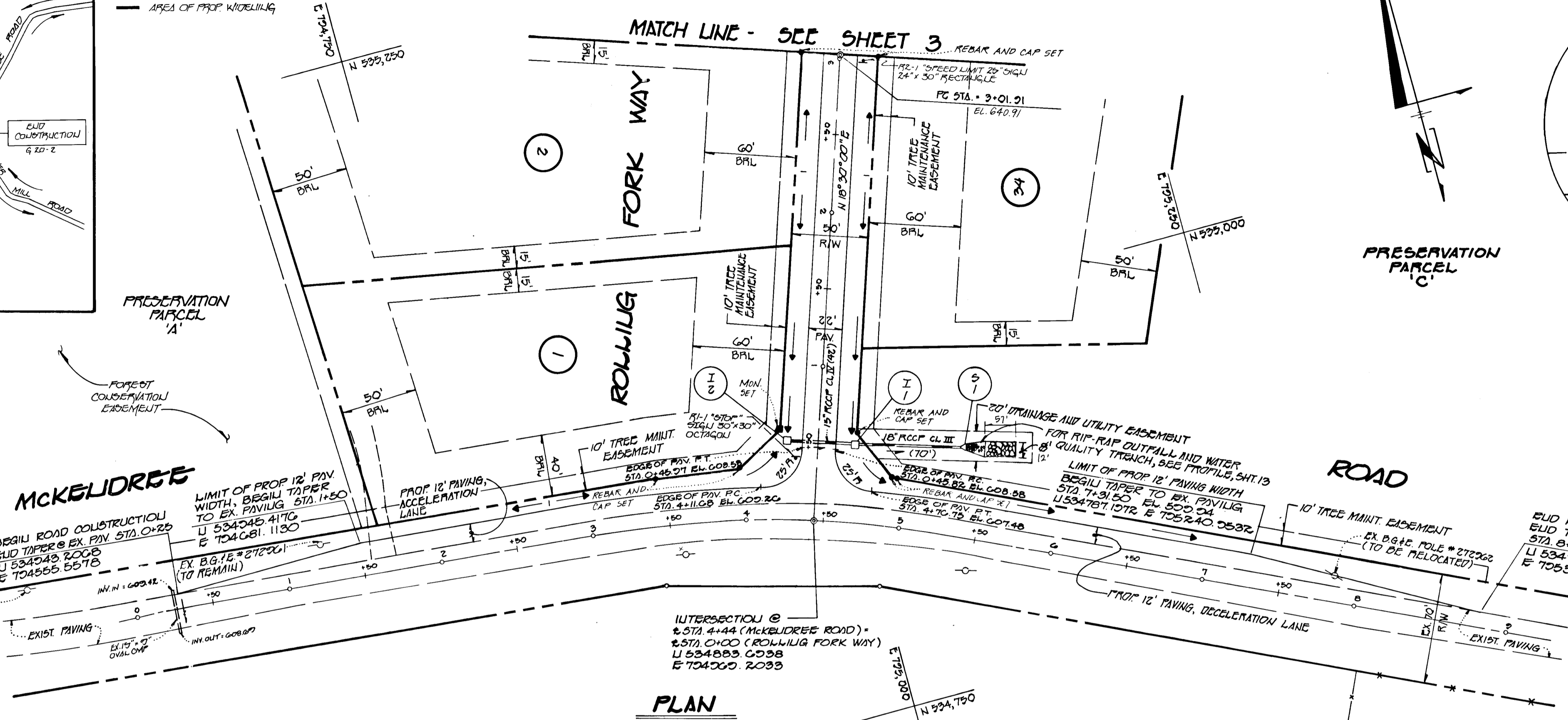
STATE OF MARYLAND
CHARLES J. DEVO SR.
PROFESSIONAL ENGINEER
DATE: 8/94

OWNER AND DEVELOPER
WHEELER DEVELOPMENT, INC.
c/o LAURA A. WHEELER - PRES.
18205-D FLOWER HILL WAY
GANTHERSBURG, MARYLAND 20879
AS-BUILT 11-11-97

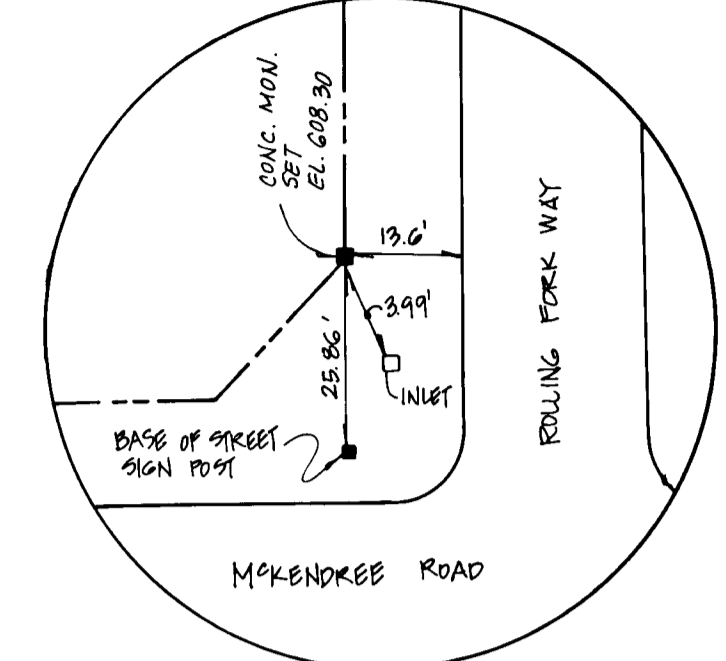


TRAFFIC CONTROL PLAN FOR WIDENING OF MCKENDREE ROAD
SCALE: 1" = 120'

LEGEND
 CHANNELIZING DEVICES
 SIGNAL SUPPORT
 FACE OF SIGNAL
 DIRECTION OF TRAFFIC
 AREA OF PROP. WIDENING



PLAN
SCALE: 1" = 50'



NOTE: CONTRACTOR SHALL REPAIR OR ADD STRIPING ON MCKENDREE ROAD AS REQUIRED IN FIELD BY HOWARD COUNTY TRAFFIC STANDARDS.

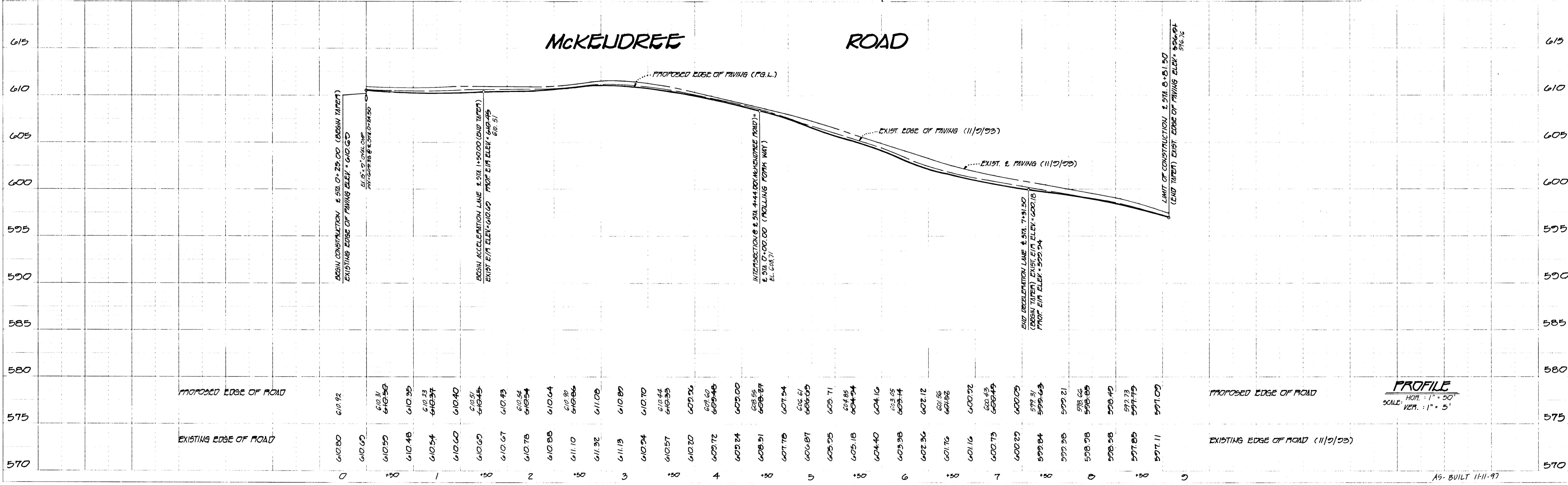


GWYUDYL OAK ESTATES
 LOTS 1-40 AND PRESERVATION PARCELS A, B, C
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

ROLLING FORK WAY - PLAN
MCKENDREE ROAD - PLAN AND PROFILE

OWNER / DEVELOPER
 WHEELER DEVELOPMENT INC.
 C/O LAURA J. WHEELER - PRESIDENT
 10205-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878
 AS SHOWN DEC 22, 1993 BY Z.Y.F.
 M.T. J.C.L. Z.Y.F.
 FISHER COLLINS AND COMPANY INC.
 CIVIL ENGINEERS AND ARCHITECTS
 9171 BALTIMORE NAT. PIKE, SUITE 100 ELLICOTT CITY, MD 21042

APPROVED
 DEPARTMENT OF PUBLIC WORKS
 [Signature] 7/16/94
 [Signature] 7-13-94
 DEPARTMENT OF PUBLIC WORKS
 [Signature] 7/16/94
 APPROVED
 OFFICE OF PLANNING AND ZONING
 [Signature] 7/20/94
 DEPARTMENT OF LAND DEVELOPMENT AND RESEARCH



PROFILE
 SCALE: HOR. : 1" = 50'
 VER. : 1" = 5'

1705

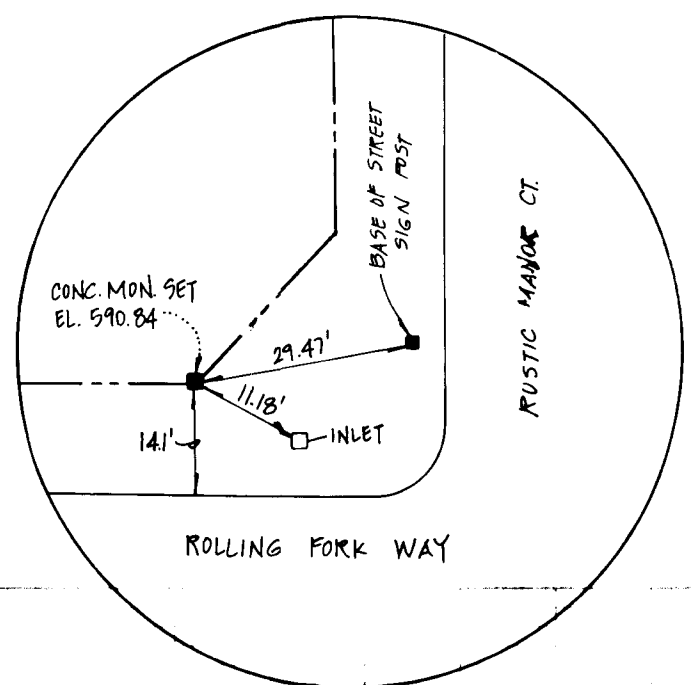
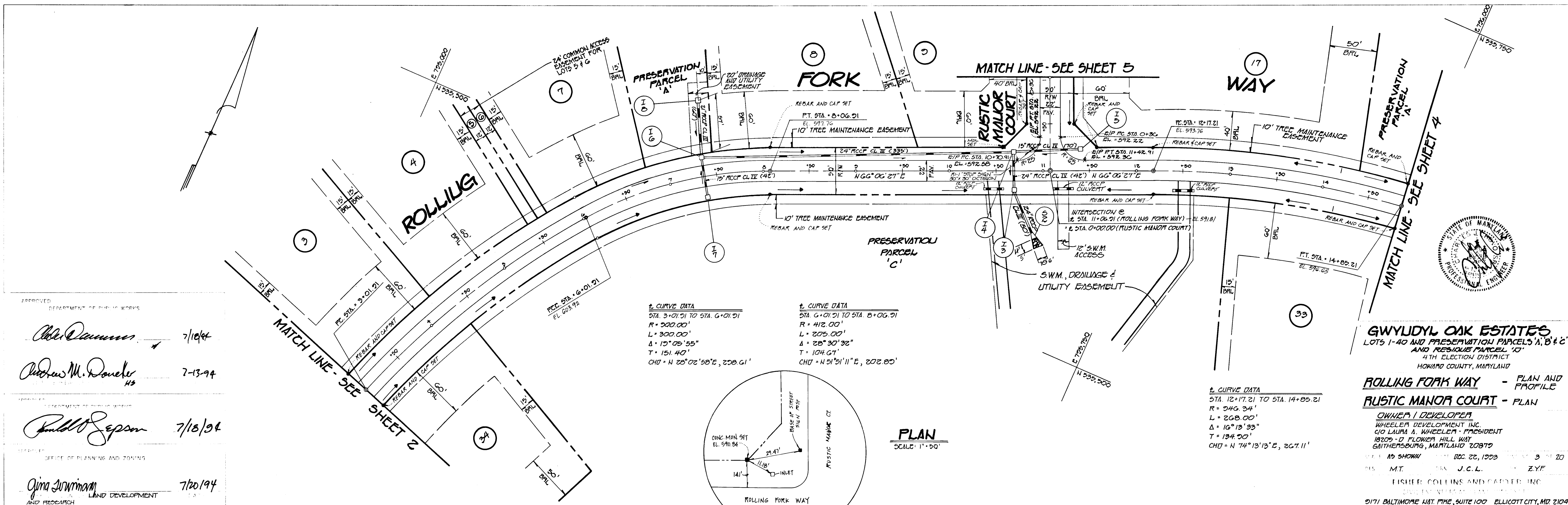
DATE: _____ BY: _____
 CHECKED: _____
 APPROVED: _____

APPROVED: *Chad Deumer* 7/10/94
 DEPARTMENT OF PUBLIC WORKS
Andrew M. Doncker 7-13-94

APPROVED: *Paul D. Epsom* 7/15/94
 DEPARTMENT OF PLANNING AND ZONING

Gina Surinoman 7/20/94
 LAND DEVELOPMENT AND RESEARCH

PROFILE: SUBMITTED: _____
 GRADINGS CHECKED: _____
 NOTE BOOK NO. _____
 STRUCTURE NOTATIONS CHANGED: _____

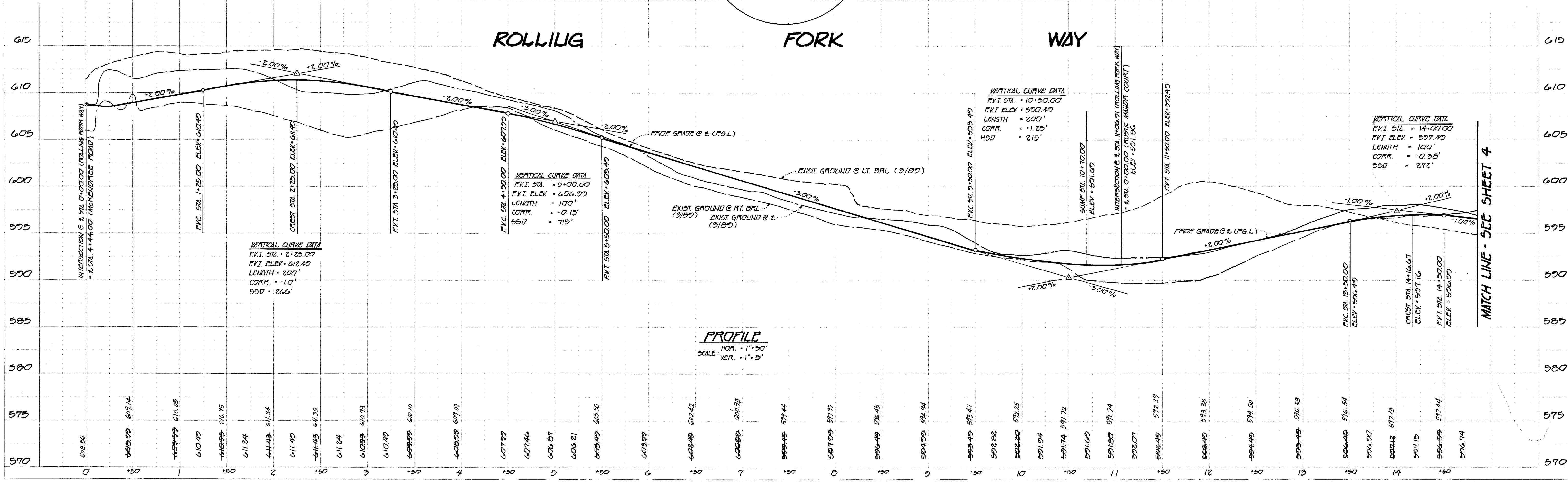


GWYUDYL OAK ESTATES
 LOTS 1-10 AND PRESERVATION PARCELS A, B & C
 AND RESIDUAL PARCEL 17
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

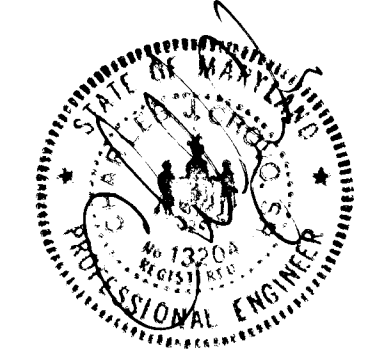
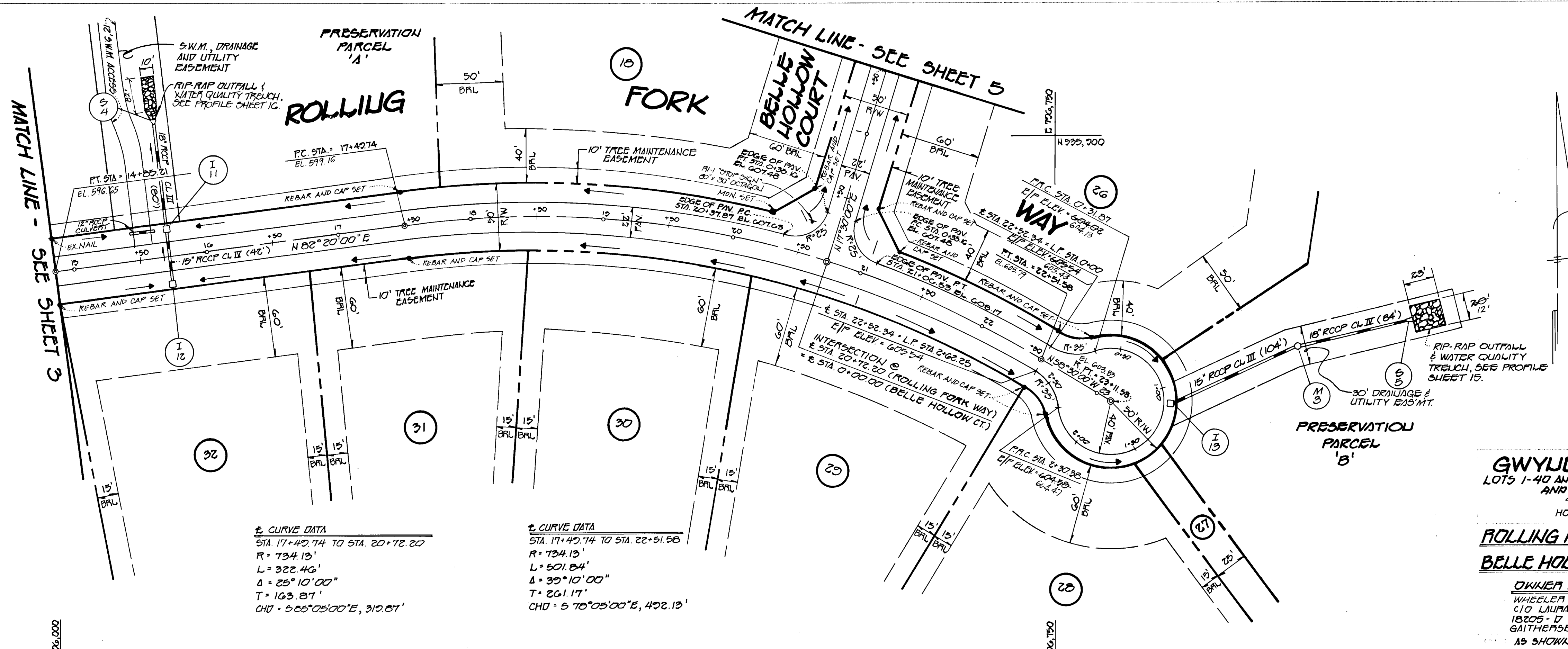
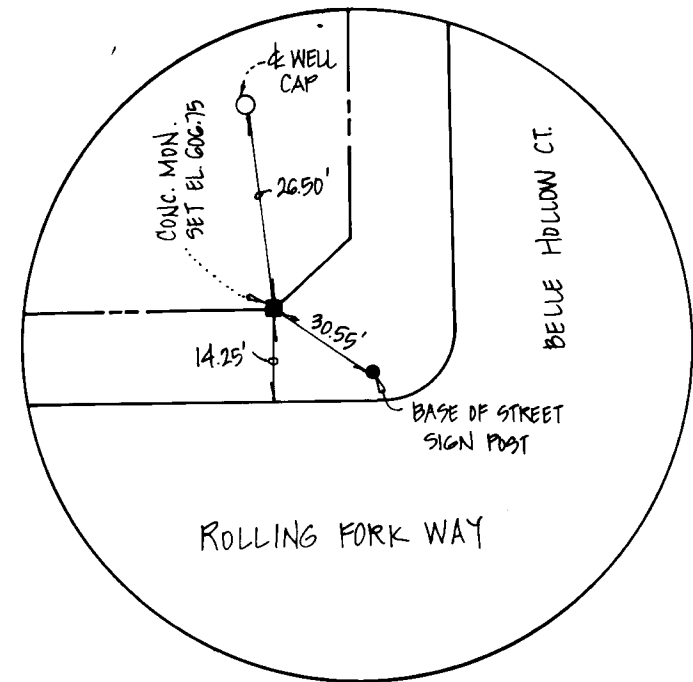
ROLLING FORK WAY - PLAN AND PROFILE
RUSTIC MANOR COURT - PLAN

OWNER / DEVELOPER
 WHEELER DEVELOPMENT INC.
 C/O LAURA A. WHEELER - PRESIDENT
 18205-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878

AS SHOWN DEC. 22, 1993 3" = 20'
 M.T. J.C.L. Z.Y.F.
 FISHER COLLINS AND GARDNER INC.
 5171 BALTIMORE NAT. PIKE, SUITE 100 ELLICOTT CITY, MD 21042



5011



GWYUDYL OAK ESTATES
 LOTS 1-40 AND PRESERVATION PARCELS A, B & C
 AND RESERVE PARCEL 'D'
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

ROLLING FORK WAY - PLAN AND PROFILE
BELLE HOLLOW COURT - PLAN AND PROFILE

OWNER / DEVELOPER
 WHEELER DEVELOPMENT INC.
 C/O LAURA A. WHEELER - PRESIDENT
 18805 17 FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878
 AS SHOWN DEC. 22, 1993 4-20
 M.T. J.C.L. Z.Y.F.

3171 BALTIMORE NAT. PIKE, SUITE 100, ELLICOTT CITY, MD 21042

APPROVED: *Chad Danner* 7/10/94
Andrew M. Donker 7-15-94

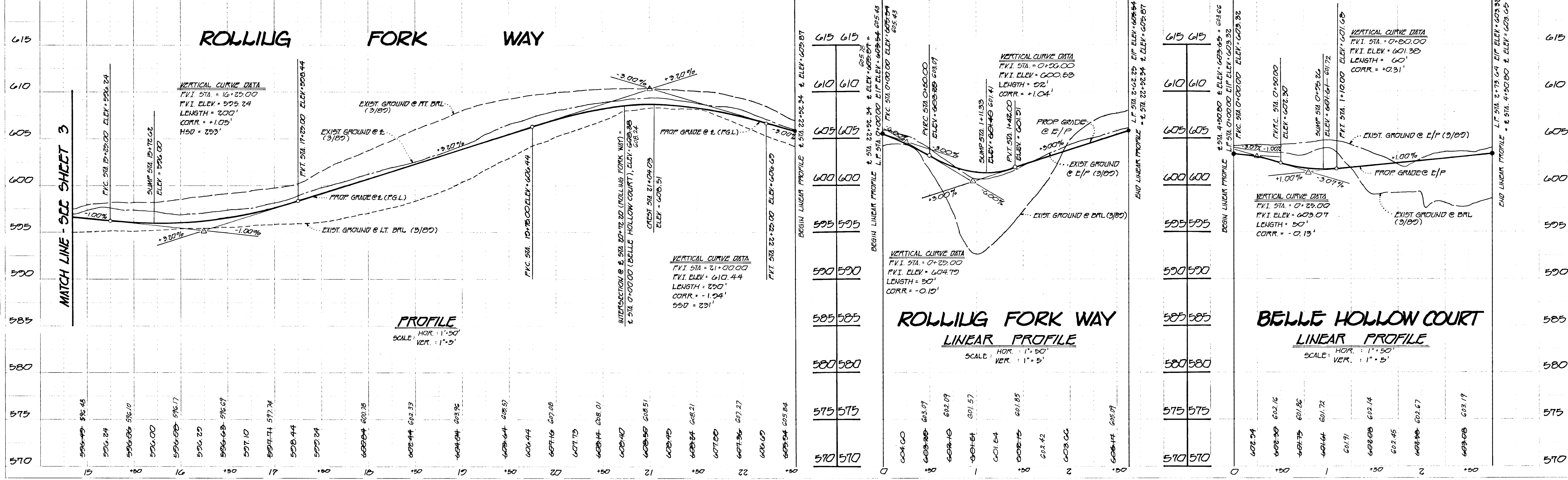
APPROVED: *Paul D. Seppan* 7/18/94

APPROVED: *Jina Summary* 7/20/94
 OFFICE OF PLANNING AND ZONING
 DEPARTMENT OF LAND DEVELOPMENT
 AND RESEARCH

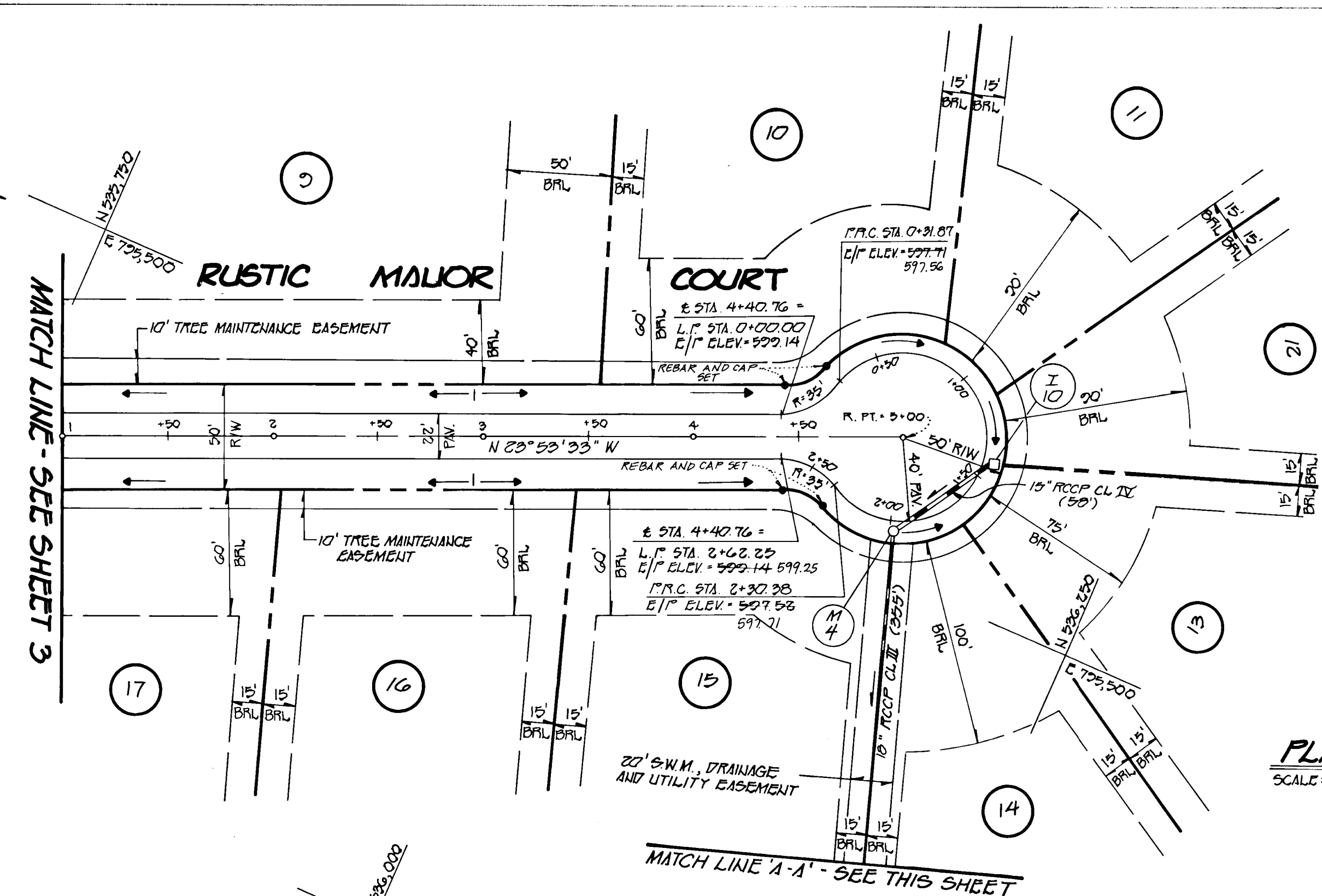
CURVE DATA
 STA. 17+42.74 TO STA. 20+72.27
 R = 734.13'
 L = 322.46'
 Δ = 25°10'00"
 T = 103.81'
 CHD = 5 25°05'00"E, 319.81'

CURVE DATA
 STA. 17+42.74 TO STA. 22+51.53
 R = 734.13'
 L = 501.84'
 Δ = 39°10'00"
 T = 201.17'
 CHD = 5 70°05'00"E, 452.13'

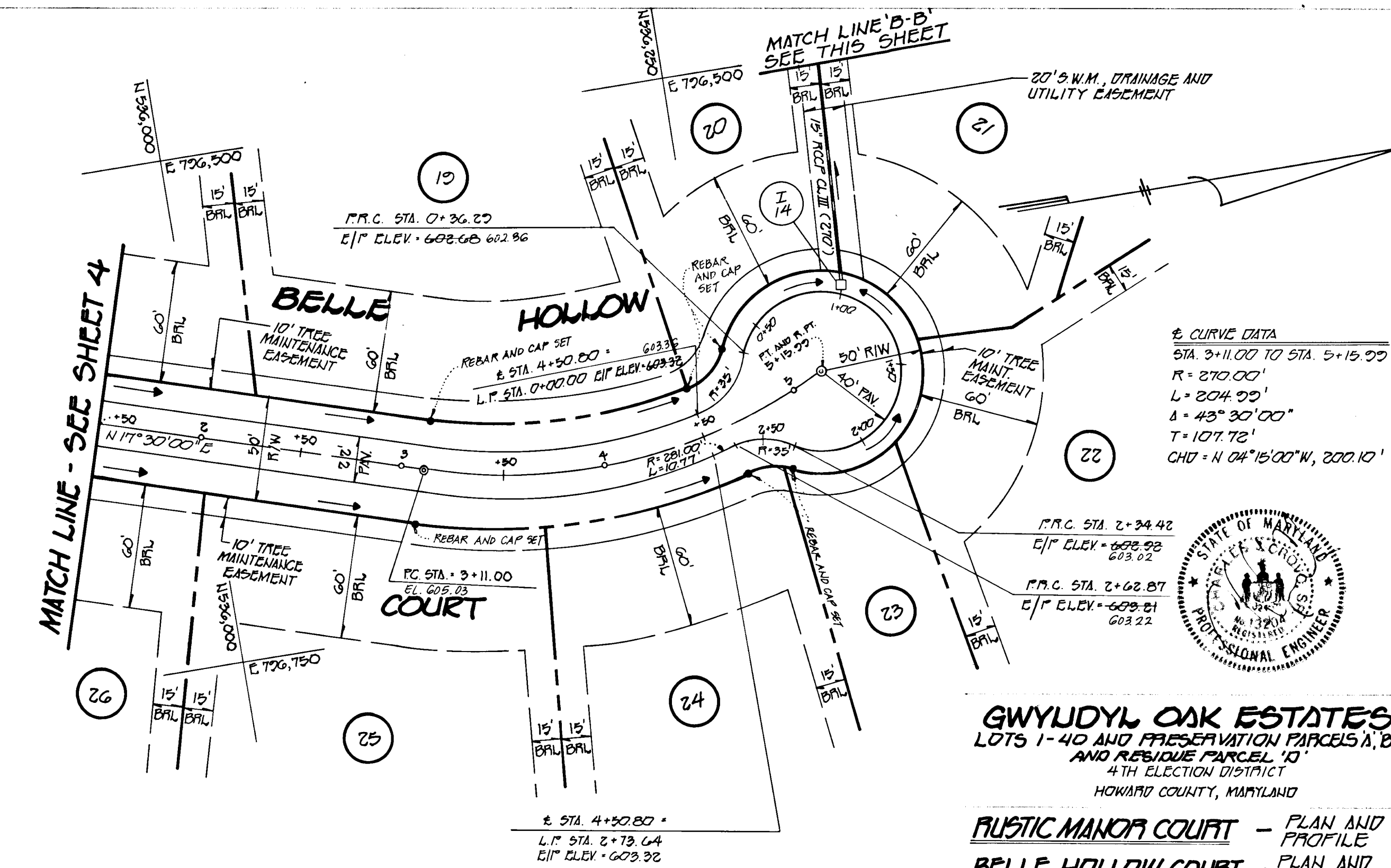
PLAN
 SCALE: 1" = 50'



1705



PLAN
SCALE: 1" = 50'



CURVE DATA
STA. 2+11.00 TO STA. 5+15.00
R = 210.00'
L = 204.00'
Δ = 43° 30' 00"
T = 107.72'
CHD = 4' 04" 15' 00" W, 200.10'

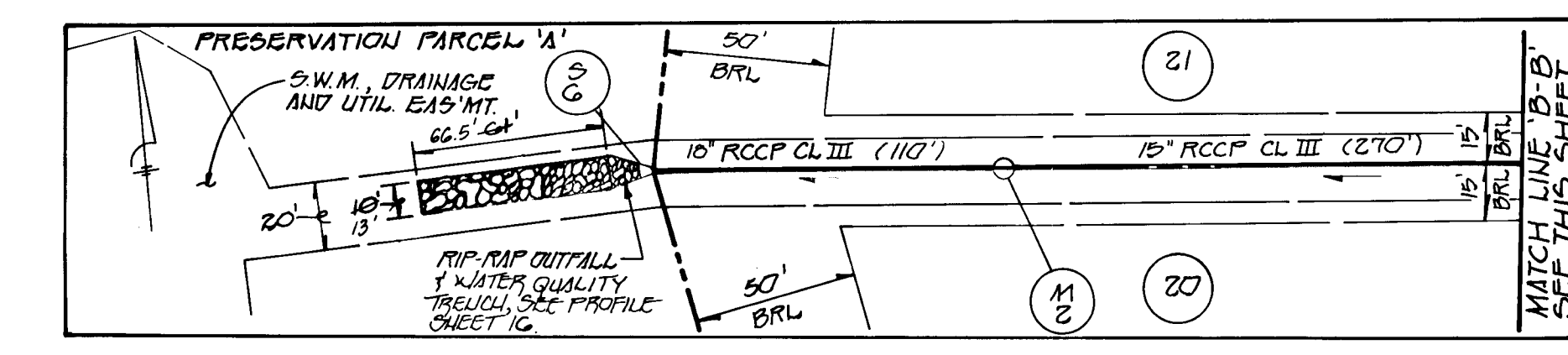
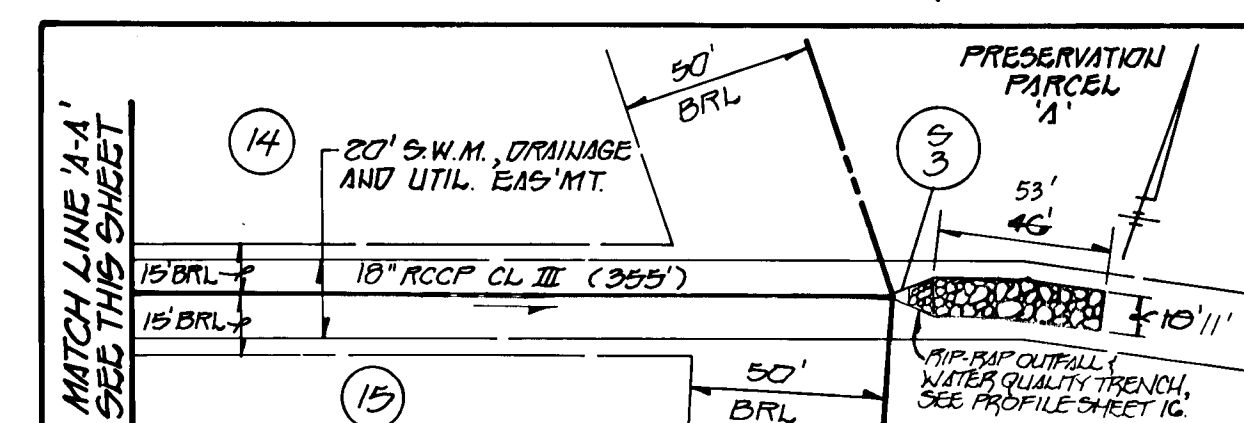


GWYDYL OAK ESTATES
LOTS 1-40 AND PRESERVATION PARCELS A, B & C
AND RESERVE PARCEL 10
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

RUSTIC MAJOR COURT - PLAN AND PROFILE
BELLE HOLLOW COURT - PLAN AND PROFILE

OWNER / DEVELOPER
WHEELER DEVELOPMENT INC.
C/O LAURA A. WHEELER - PRESIDENT
18205-D FLOWER HILL WAY
GAITHERSBURG, MARYLAND 20878

12 S.HOWN DEC. 22, 1993 9 20
M.T. J.C.L. Z.Y.F.



APPROVED FOR PUBLIC WORKS

Allen Danner 7/10/94

Andrew M. Donker 7-13-94

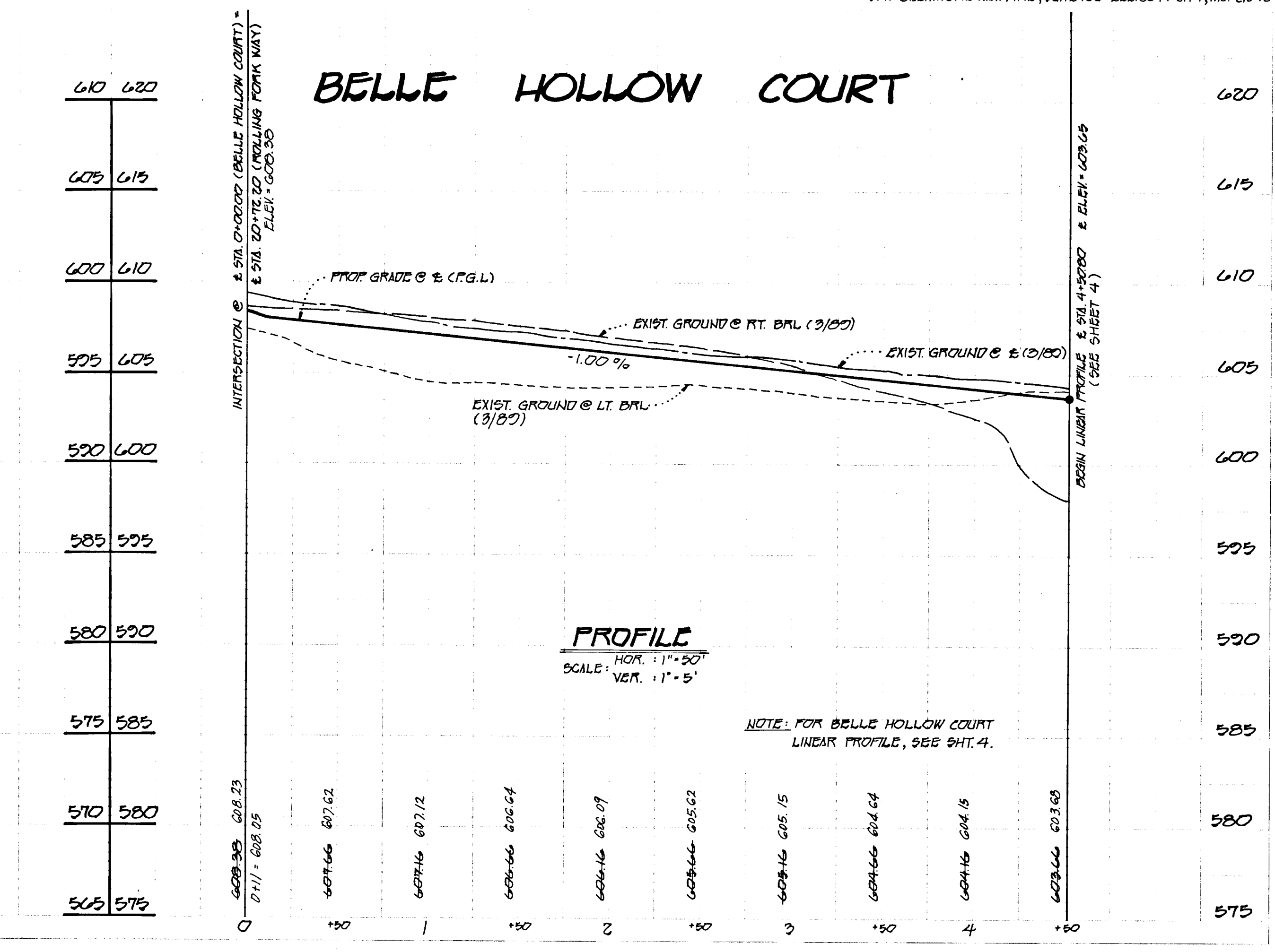
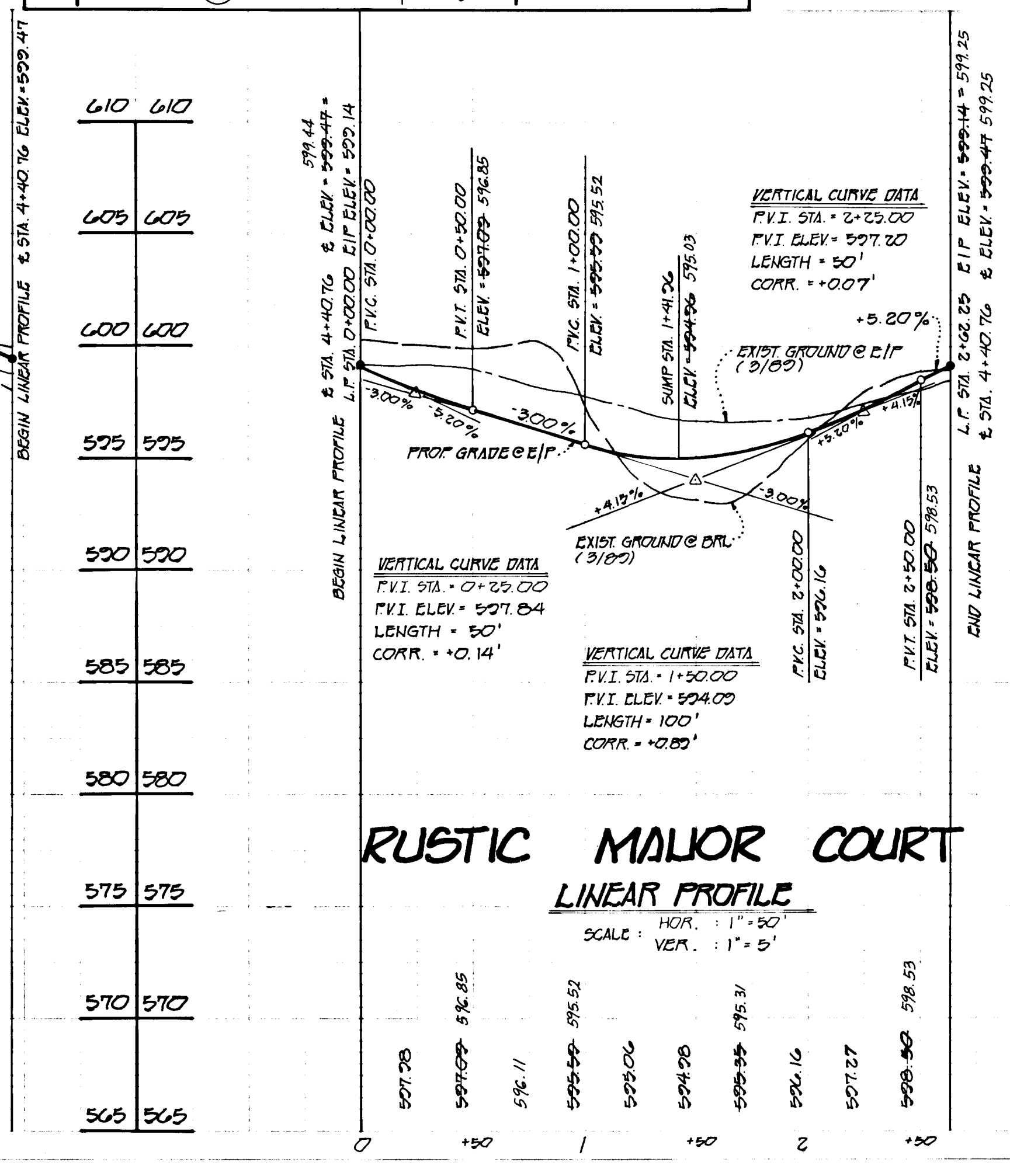
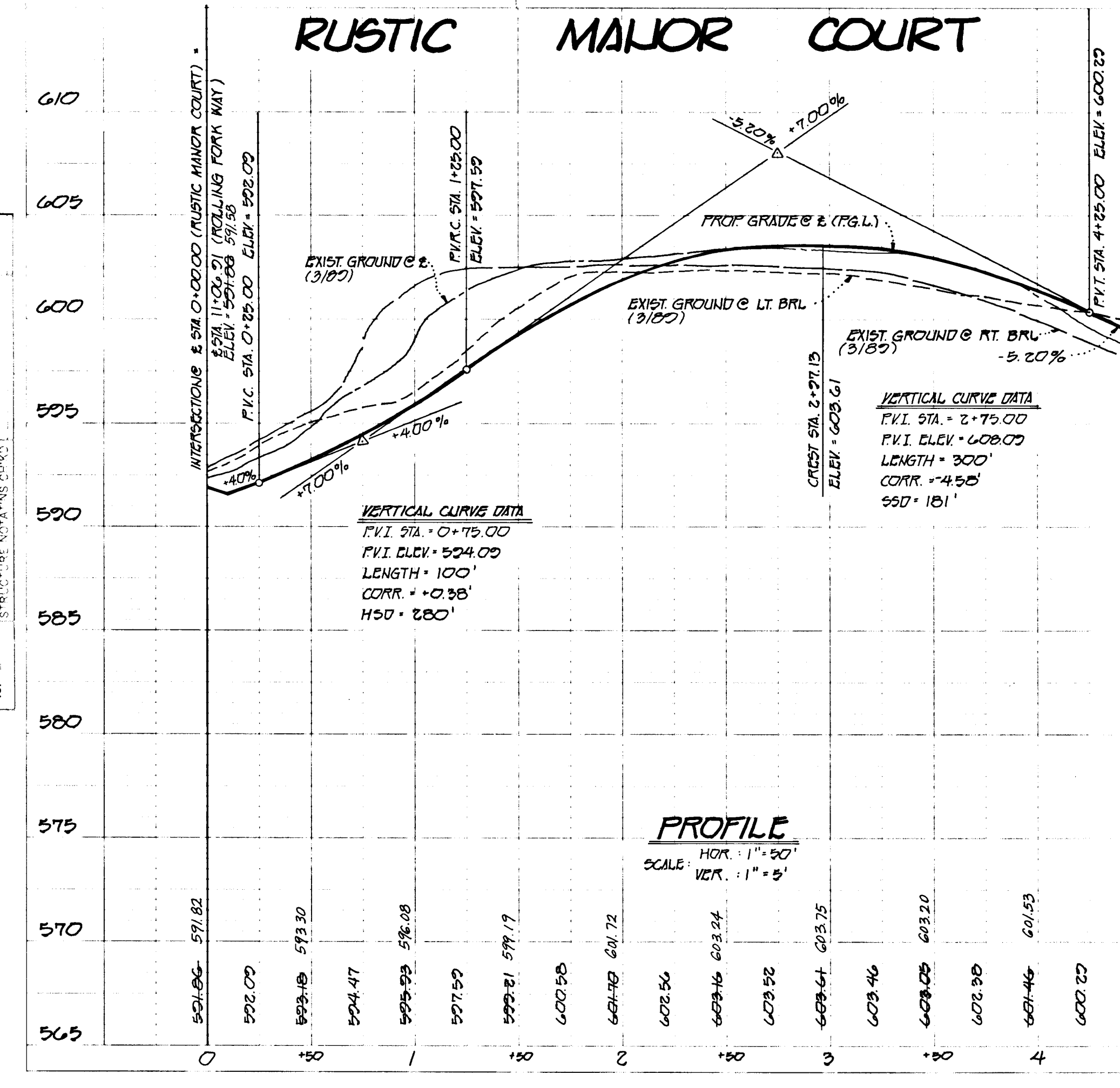
DEPARTMENT OF PUBLIC WORKS

Donald J. Sporn 7/18/94

APPROVED

Jim Swannery 7/20/94

LAND DEVELOPMENT
AND RESEARCH



1705

NOTE: AT THE TIME WHEN THE NEW CURVE IS READY FOR USE BY THE PUBLIC THE EXISTING W-1 SIGNS IN EACH DIRECTION BEFORE THE EXISTING BEND MUST BE REMOVED & NEW W-2 SIGNS MUST BE INSTALLED AS SHOWN ON THE PLAN.

NOTE: THE CONTRACTOR SHALL INSTALL REFLECTIVE DRUMS & TYPE II SURFACES AS SHOWN ON THE PLAN PRIOR TO BEGINNING CONSTRUCTION. MARK FOR THE NEW CURVE.

NOTE: BEFORE OPENING THE NEW ROAD FOR PUBLIC USE THE CONTRACTOR SHALL RELOCATE THE REFLECTIVE DRUMS & TYPE II SURFACES & PLACE THEM ON THE OTHER SIDE OF THE ROAD TO OCCURE THE WORK, EDGE FOR PAVING REMOVAL.

DATE: 7/10/94
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 IN CHARGE: [Signature]

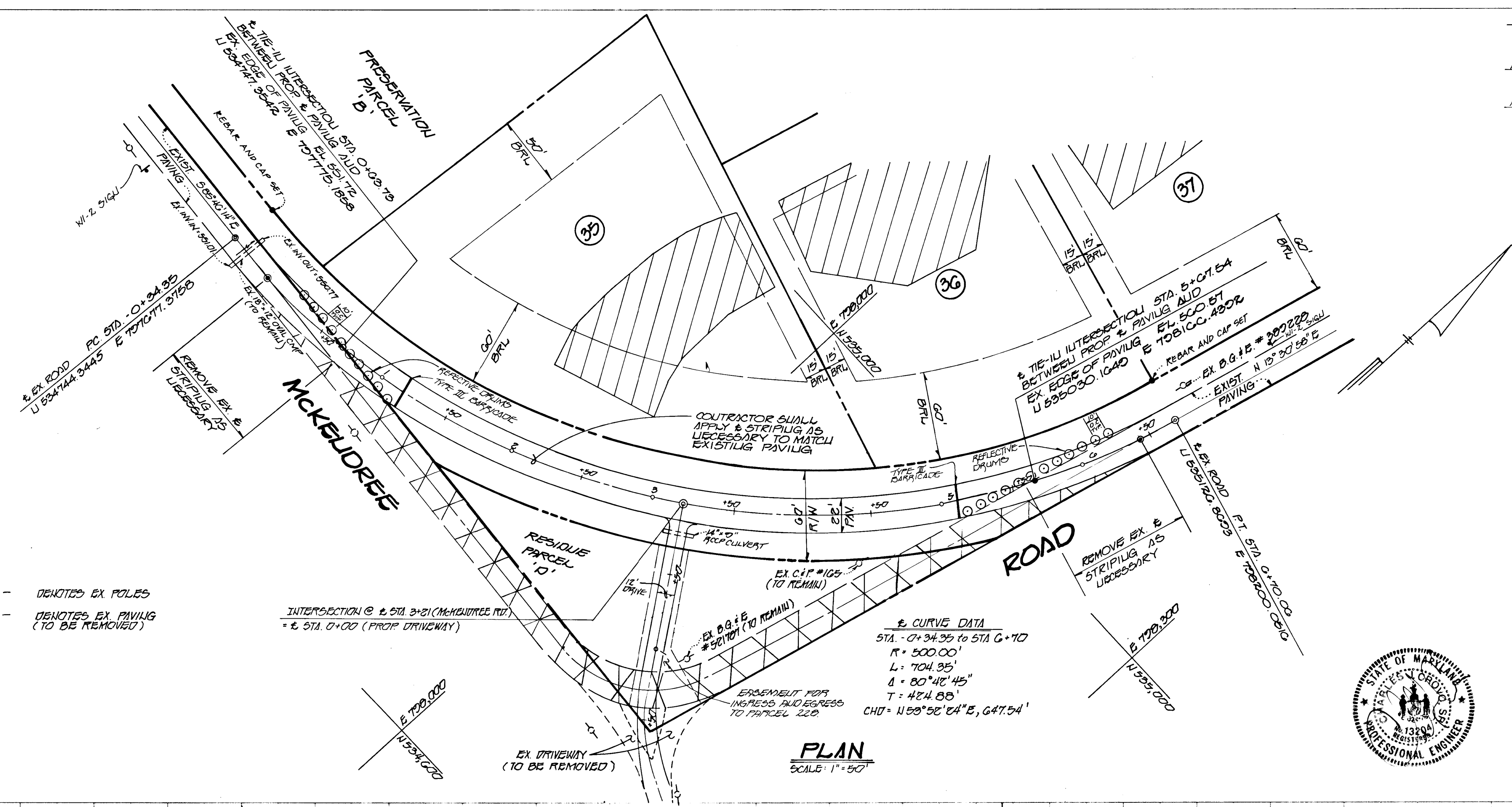
APPROVED: [Signature] 7/10/94
 DEPARTMENT OF PUBLIC WORKS

[Signature] 7-13-94
 DEPARTMENT OF PUBLIC WORKS

[Signature] 7/18/94
 DEPARTMENT OF PUBLIC WORKS

[Signature] 7/20/94
 OFFICE OF PLANNING AND ZONING
 LAND DEVELOPMENT AND RESEARCH

○ DENOTES EX POLES
 XXXX DENOTES EX PAVING (TO BE REMOVED)



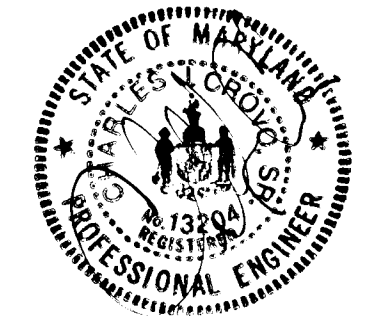
PLAN
 SCALE: 1" = 50'

GWYDYLL OAK ESTATES
 LOTS 1-40 AND PRESERVATION PARCELS A, B & C
 AND RESIDUE PARCEL 10
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

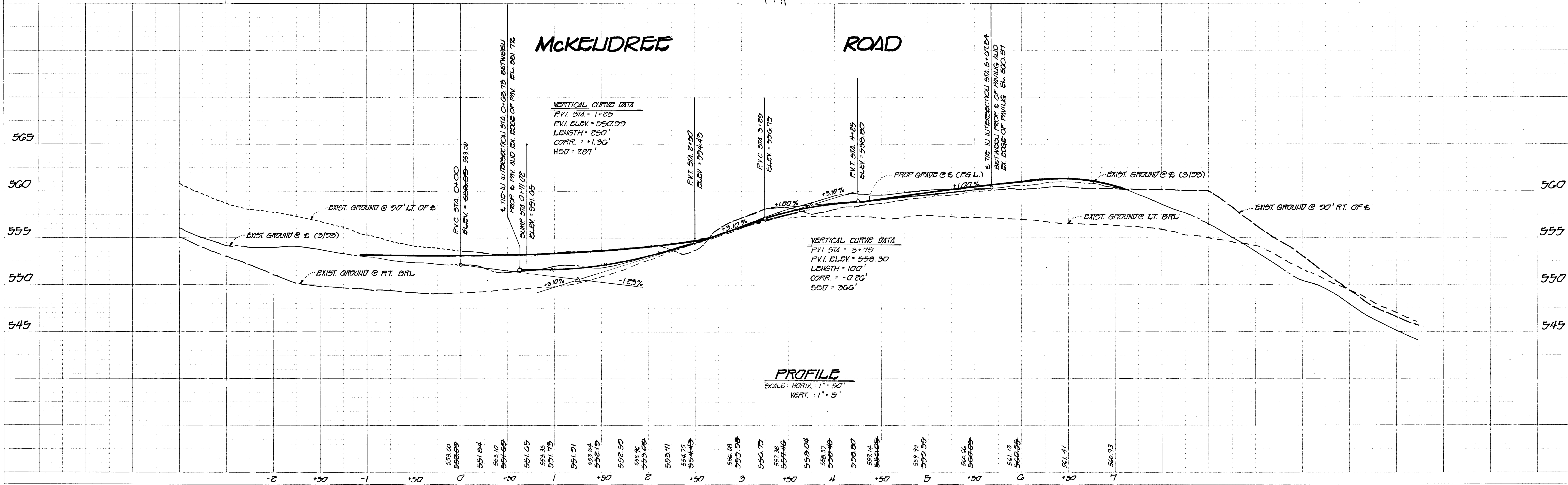
RELOCATED MCKENDREE ROAD - PLAN AND PROFILE

OWNER/DEVELOPER
 WHEELER DEVELOPMENT INC.
 C/O LAURA A. WHEELER - PRESIDENT
 18005-D FLOWER HILL WAY
 SAITHSBURG, MARYLAND 20859

AS SHOWN DEC. 22, 1993 G 20
 MT J.C.L. Z.Y.F.
 REGISTERED PROFESSIONAL ENGINEER
 13204
 5111 BALTIMORE WAT. PKW. SUITE 200 ELICOTT CITY, MD 21042



DATE: 7/10/94
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 IN CHARGE: [Signature]



PROFILE
 SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

1705

APPROVED DEPARTMENT OF PUBLIC WORKS

Robert Danner 7/18/94
CHIEF, LAND DEVELOPMENT DIVISION DATE

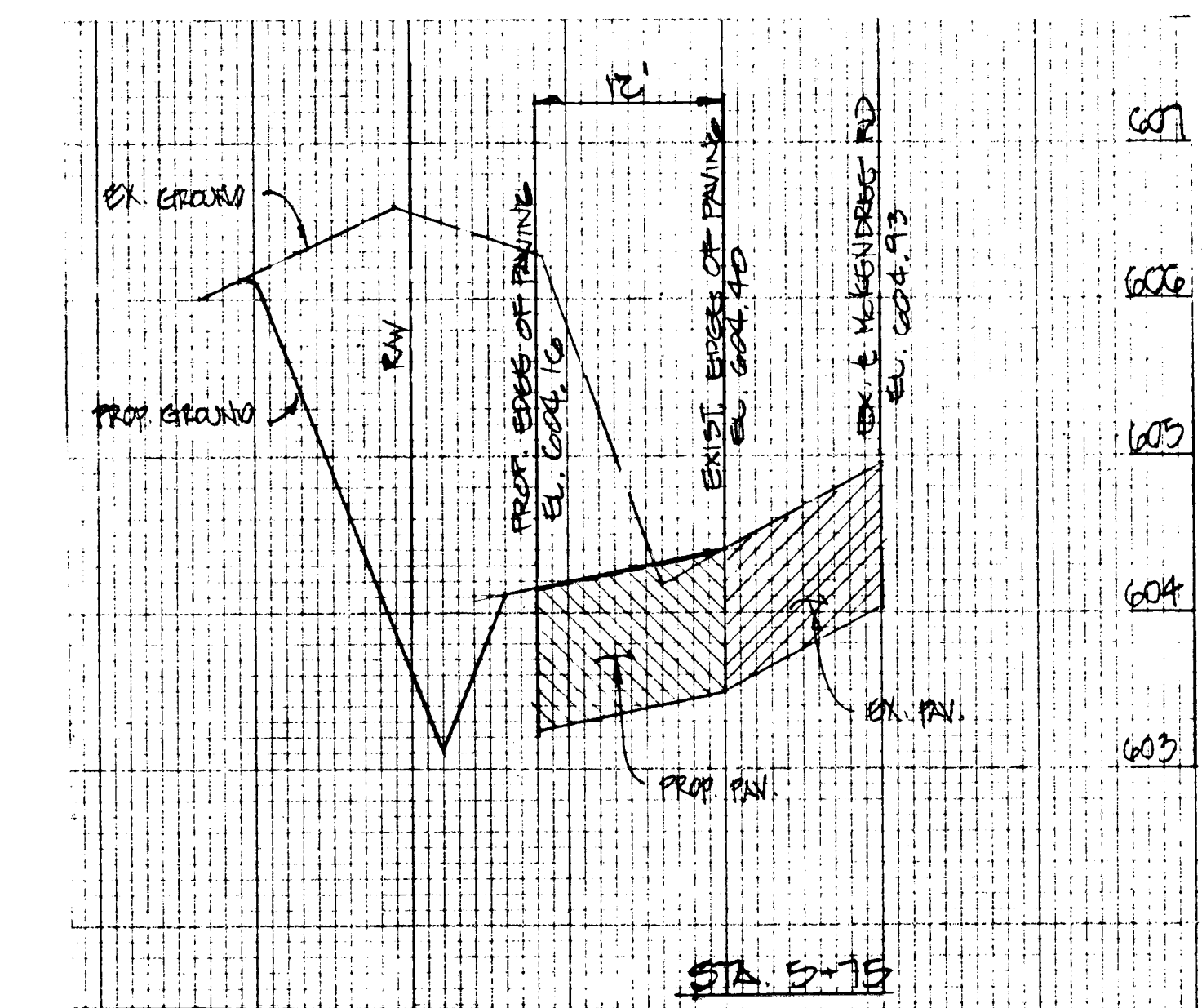
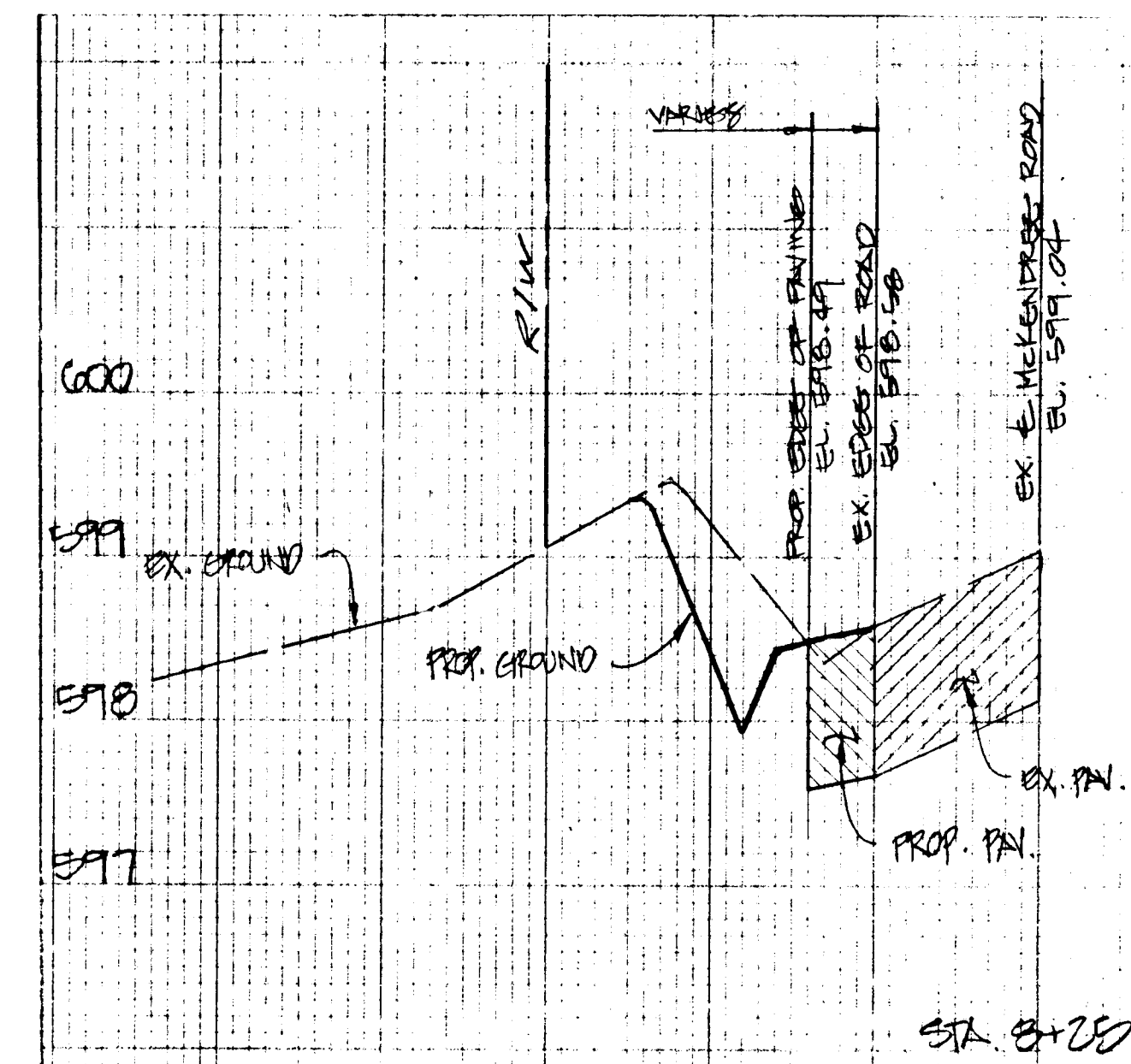
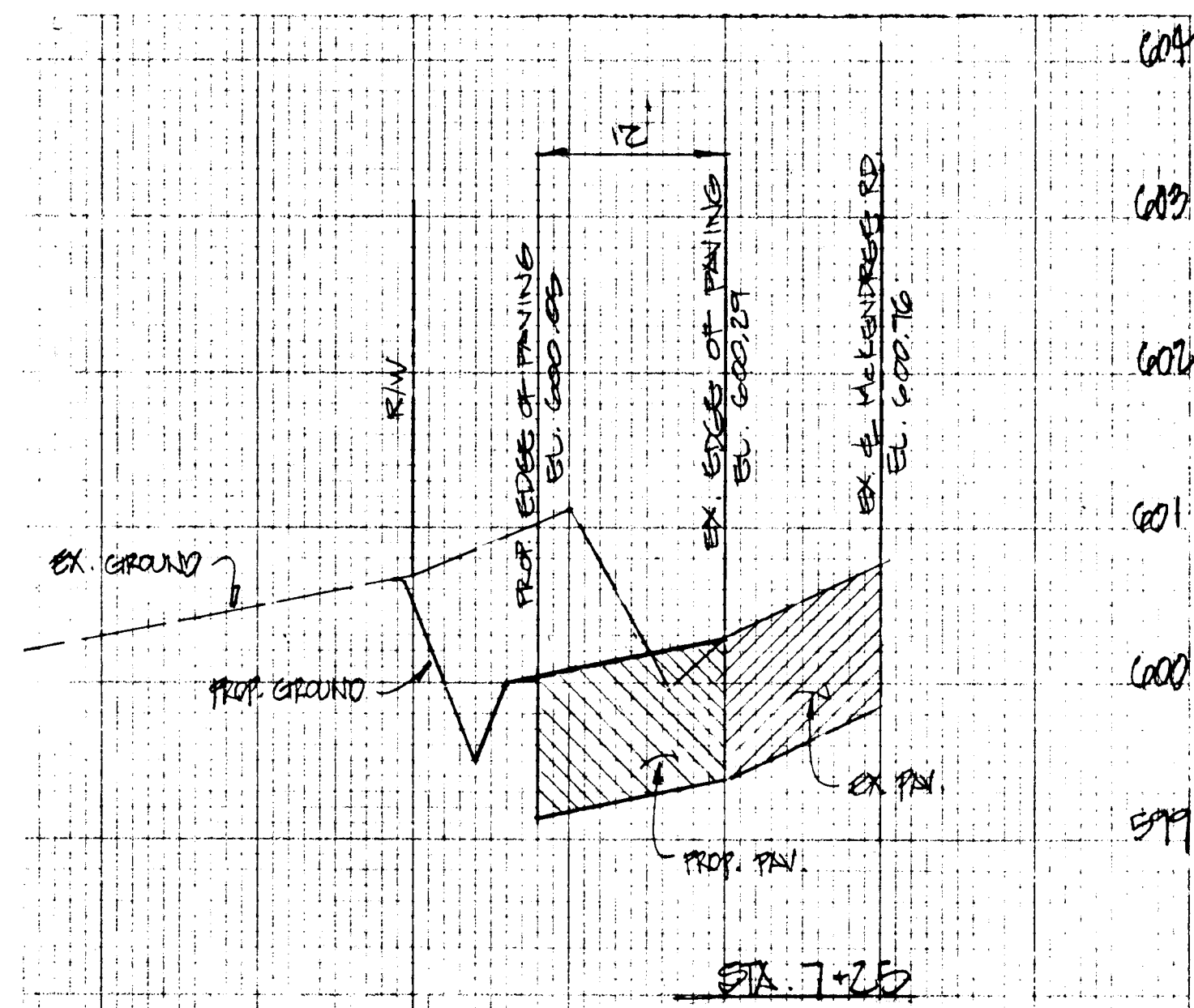
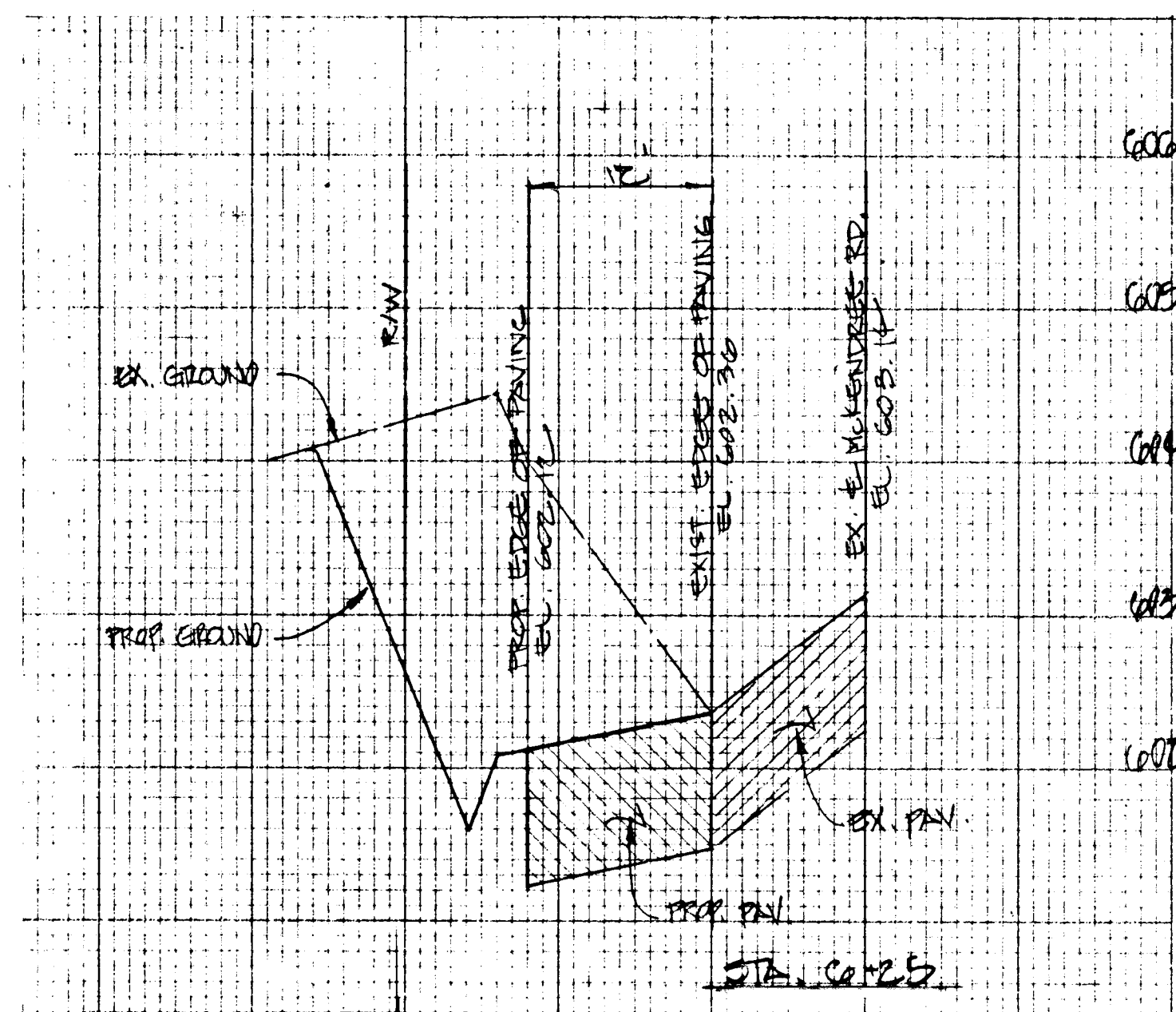
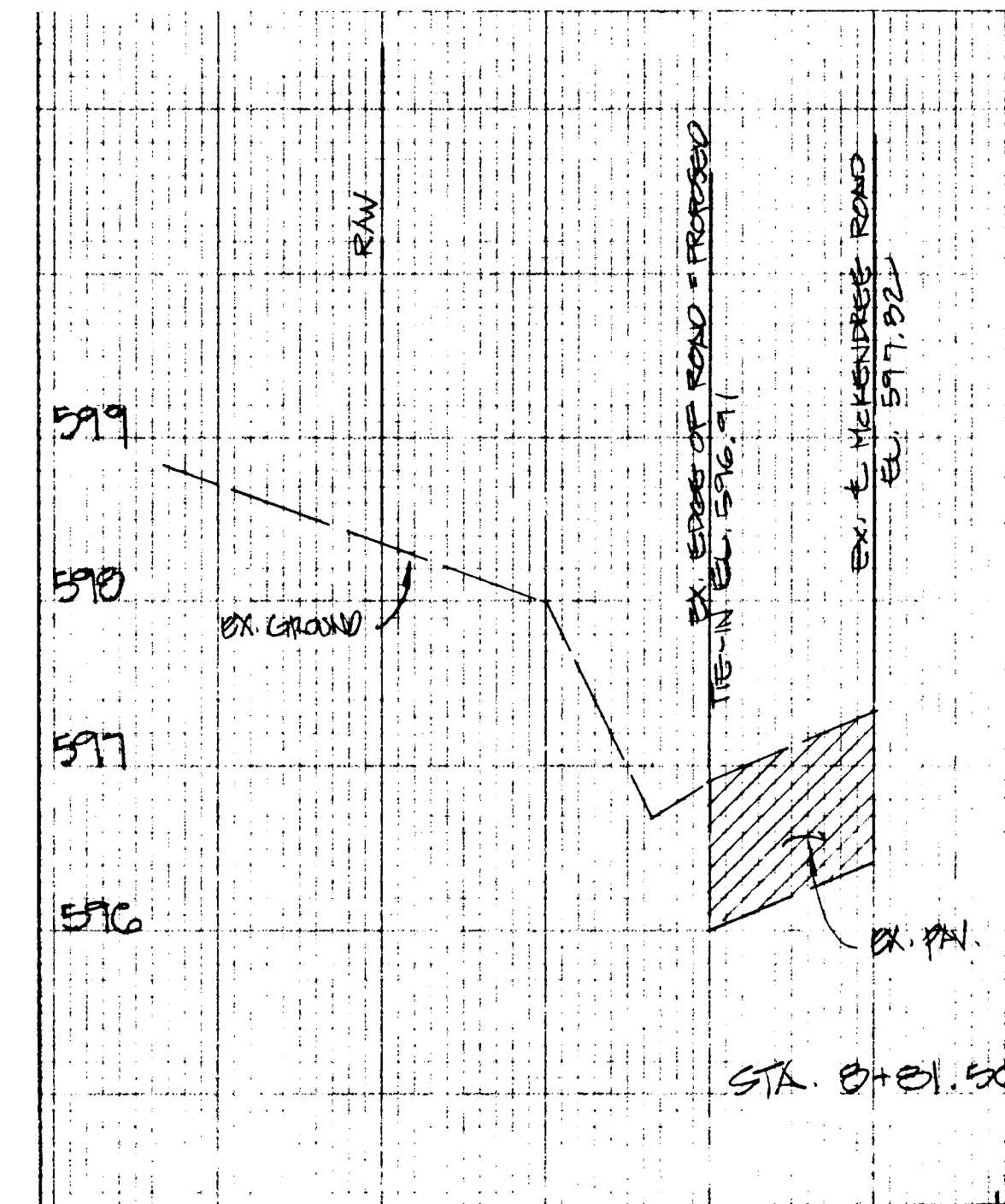
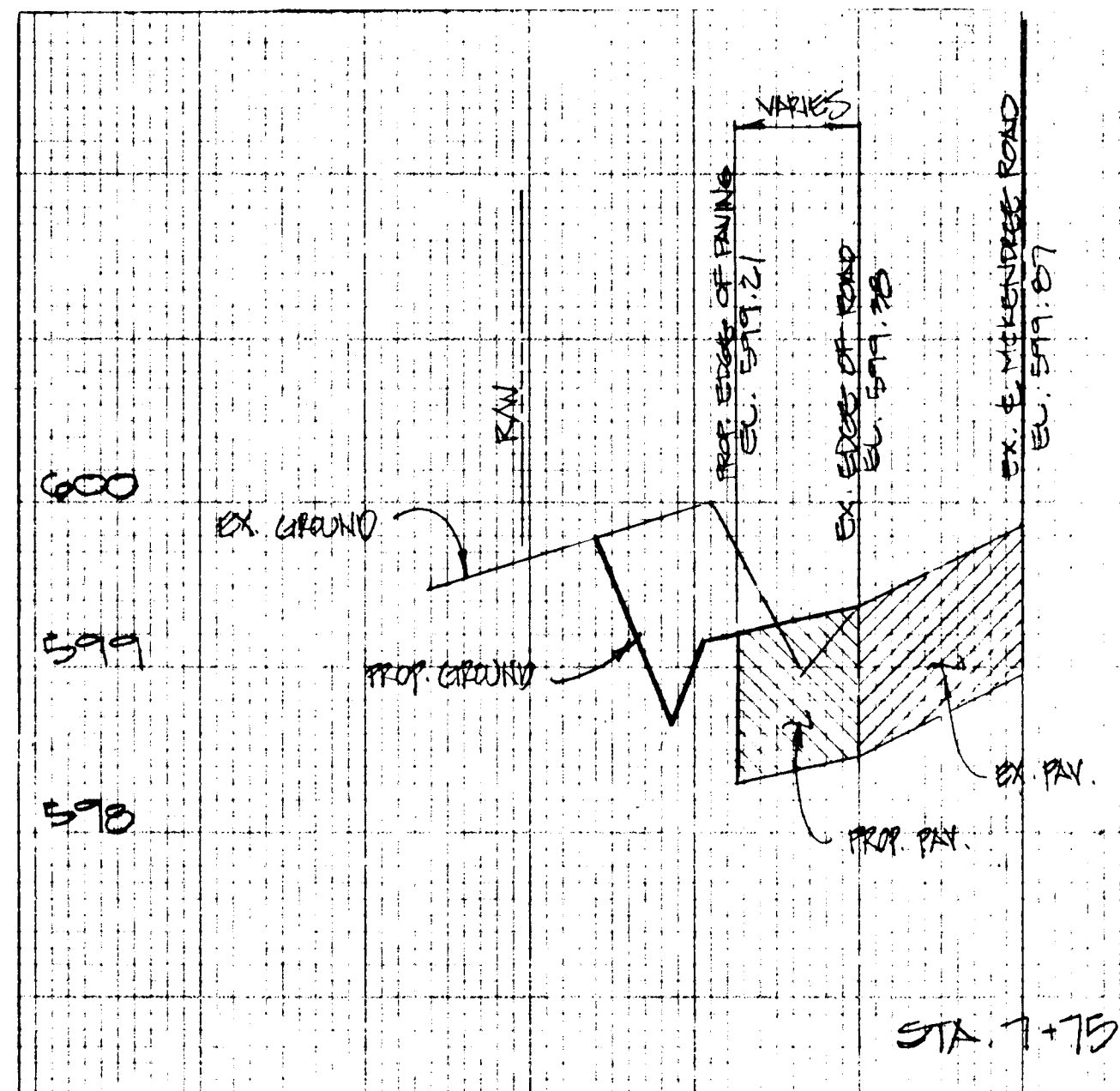
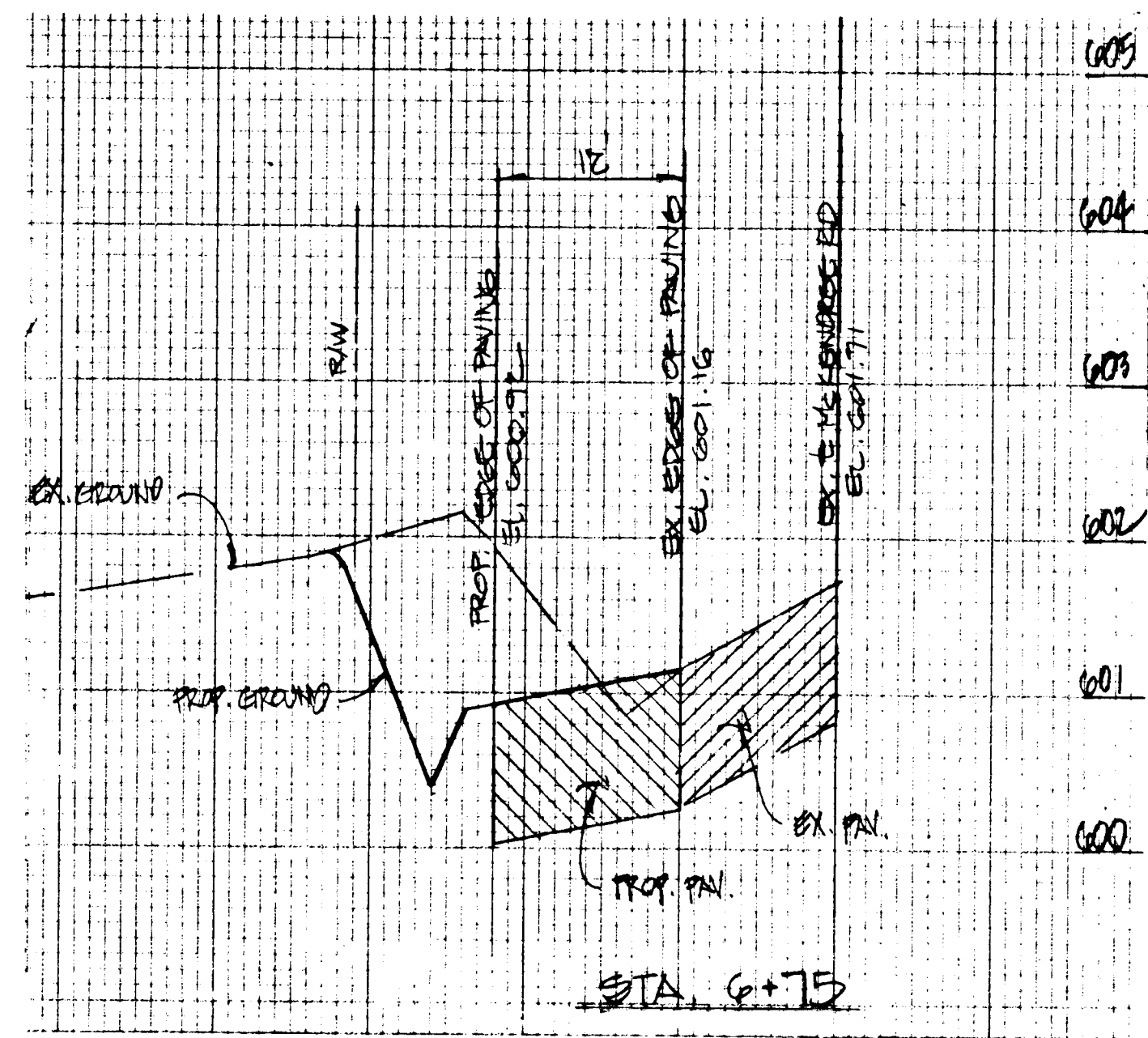
Andrew M. Dawber 2-13-94
CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED DEPARTMENT OF PUBLIC WORKS

Paul D. Sapon 7/18/94
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED OFFICE OF PLANNING AND ZONING

Jim Shimmery 7/22/94
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

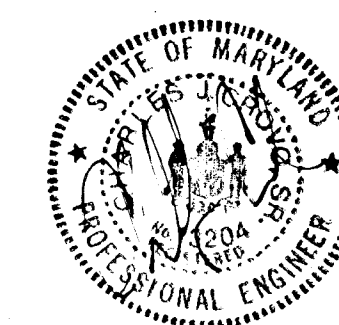


PROFILES

SCALE: HORIZ. 1"=10'
VERT. 1"=1'

OWNER / DEVELOPER

WHEELER DEVELOPMENT INC.
% LAURA A. WHEELER-PIED
10000-D FLOWER HILL WAY
GANTHERBOURNE, MARYLAND 20707



**ROAD IMPROVEMENTS ALONG ACCEL. DECEL. LANES
GWYLDYL OAK ESTATES**

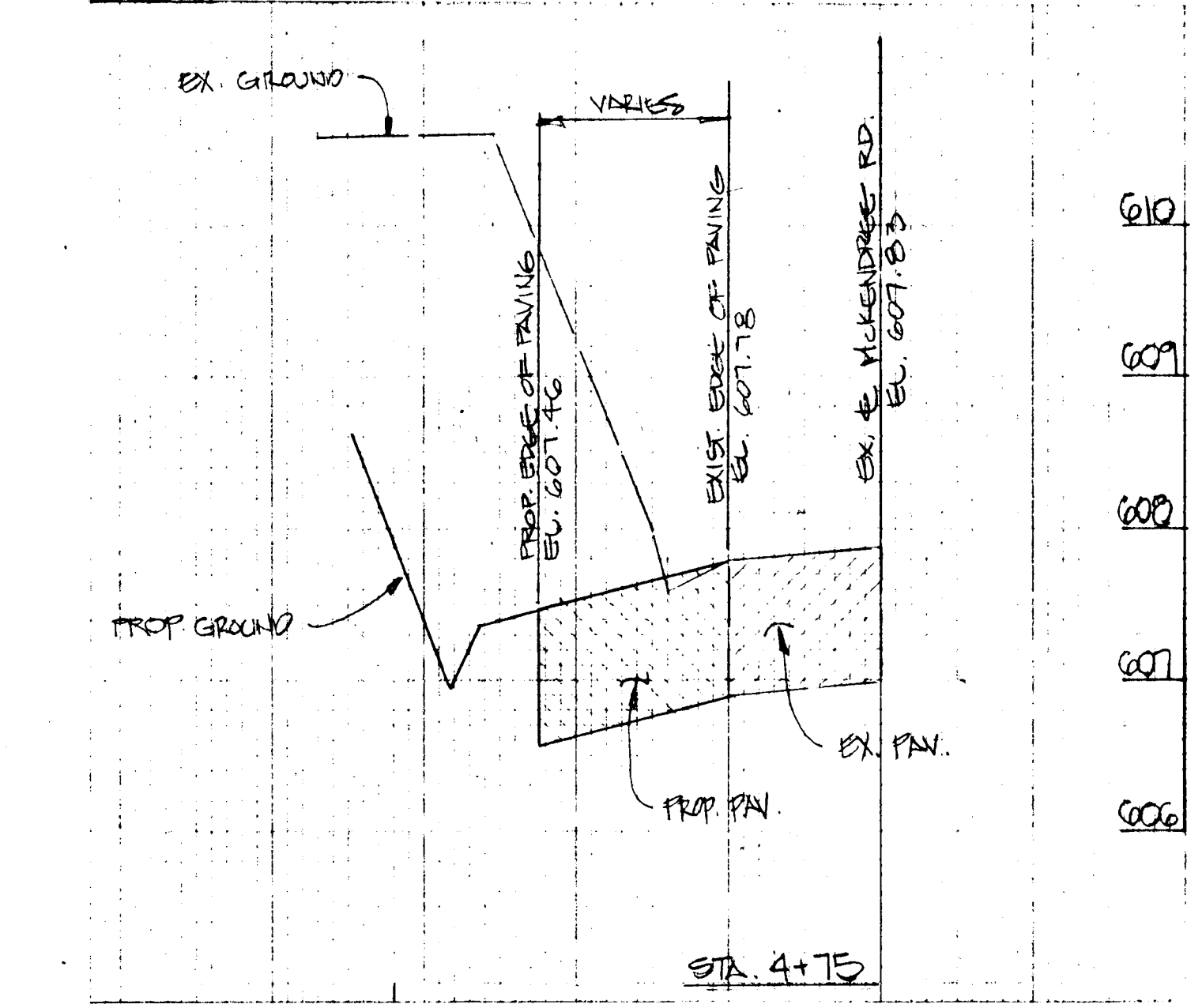
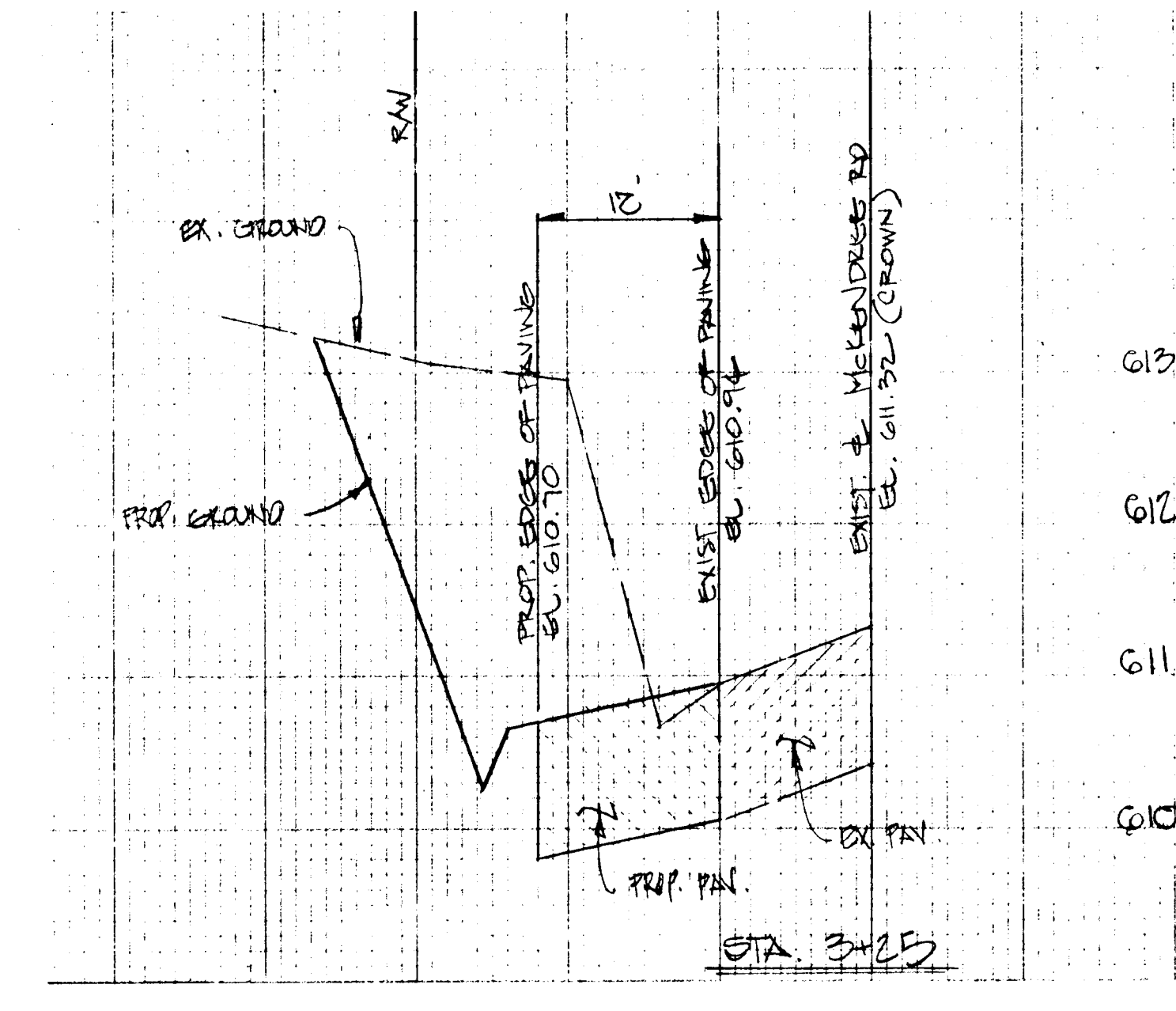
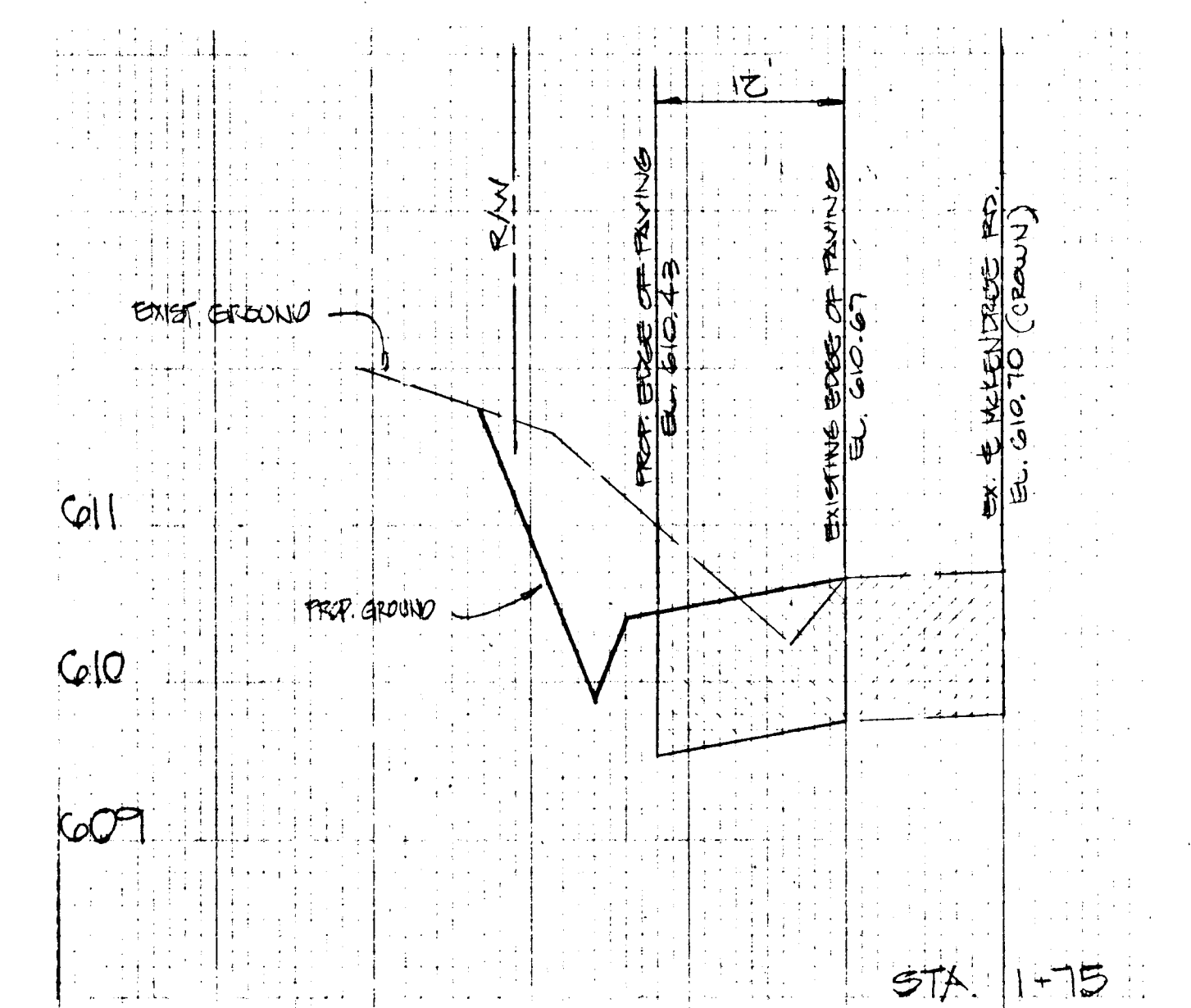
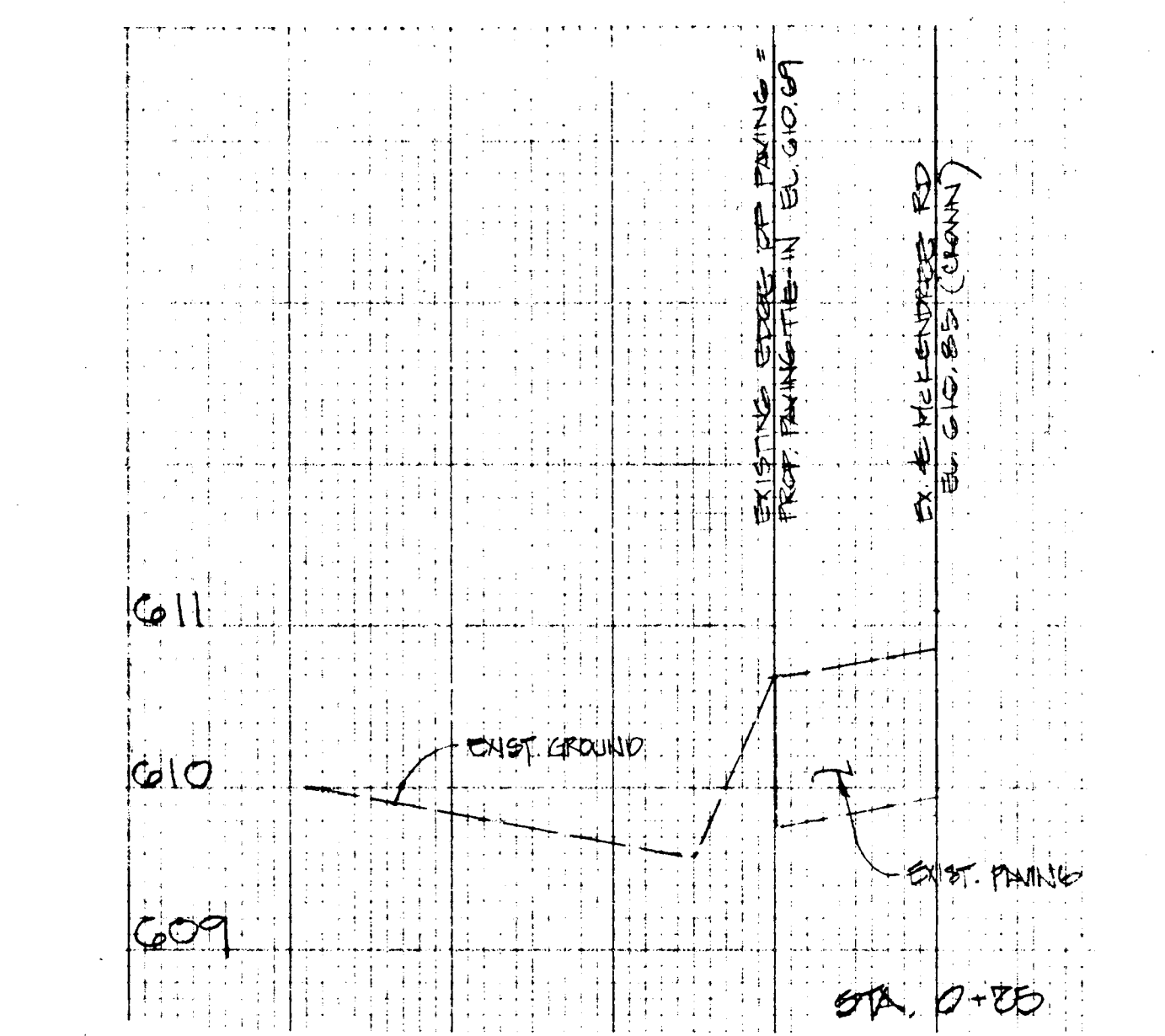
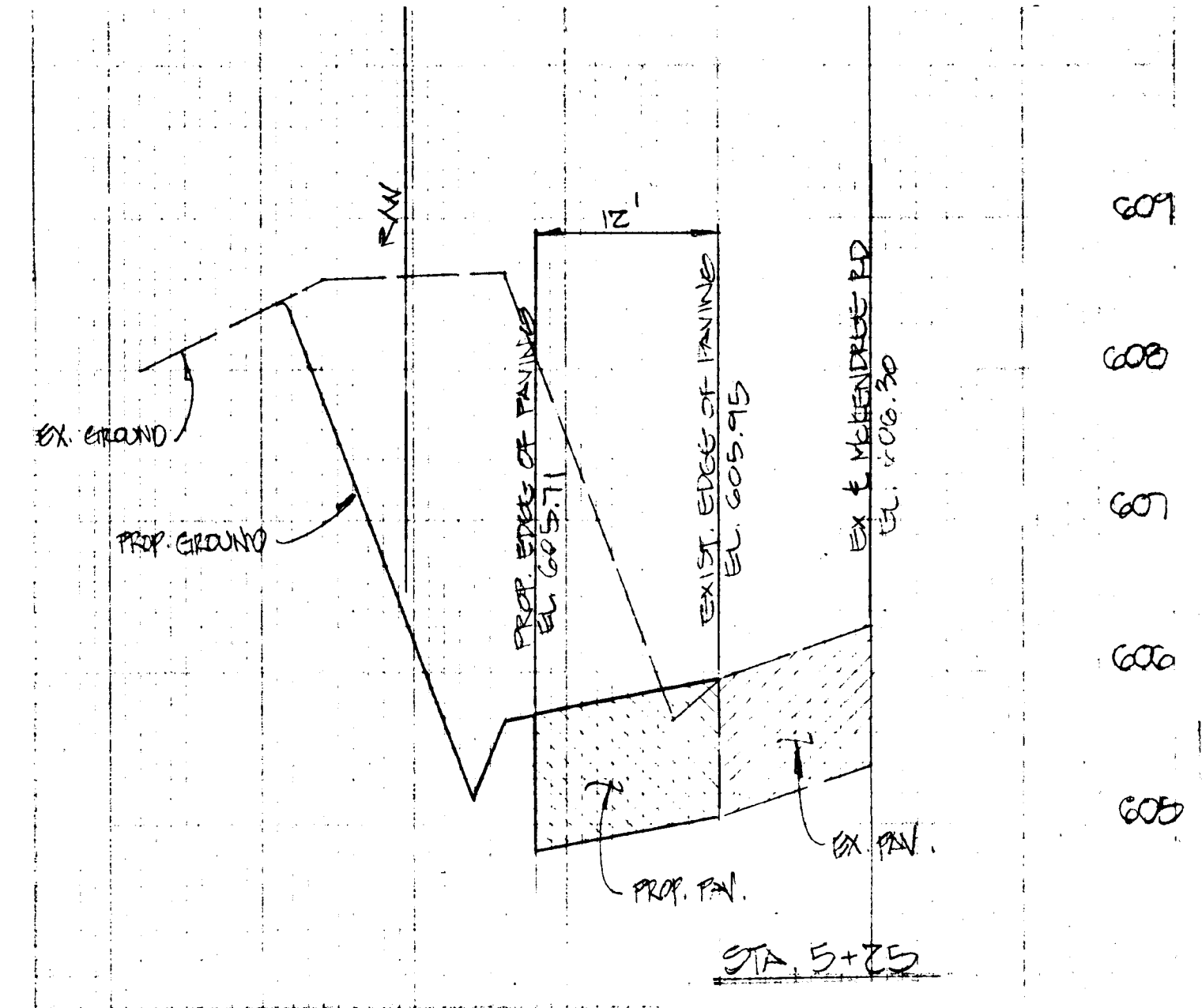
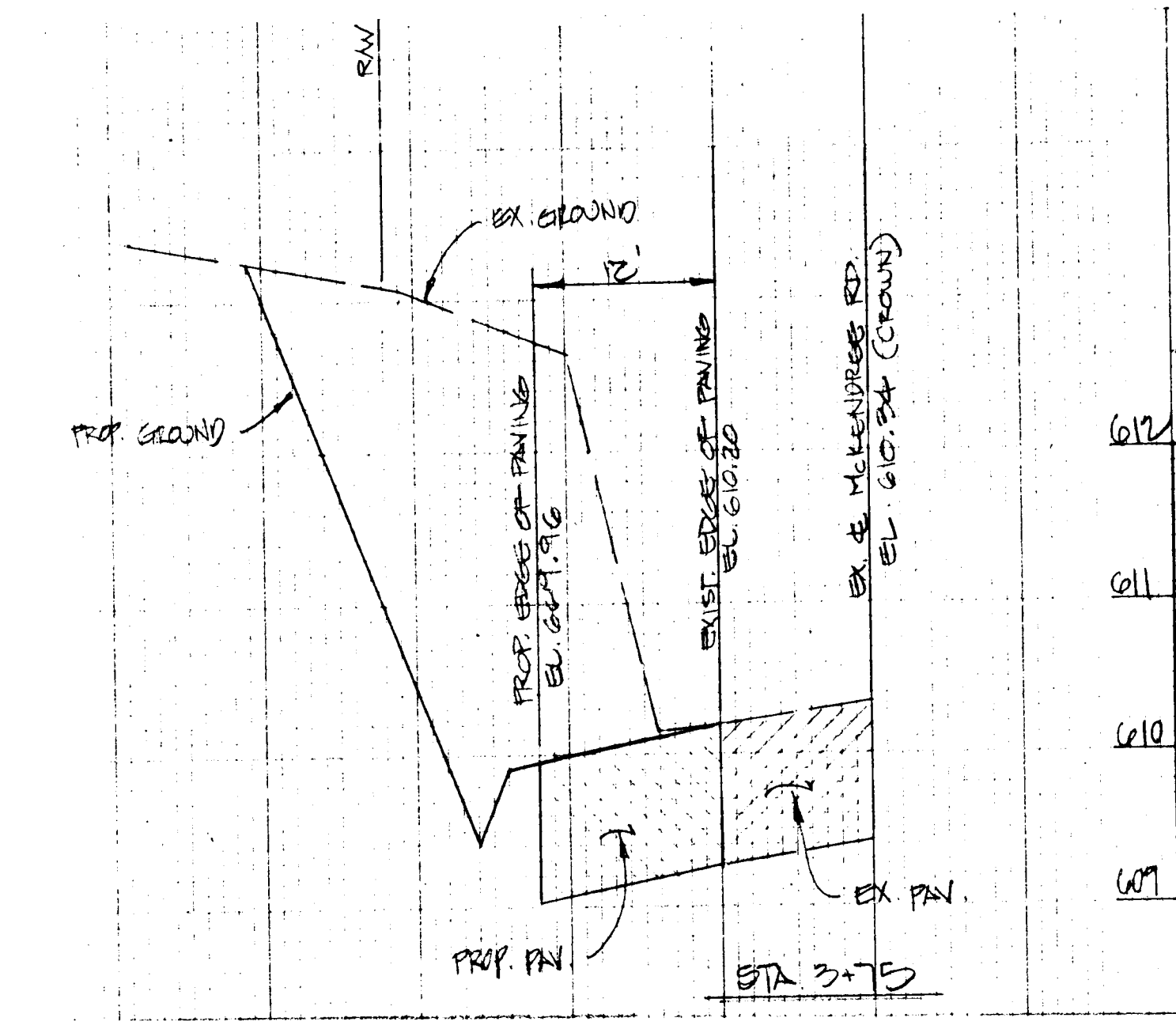
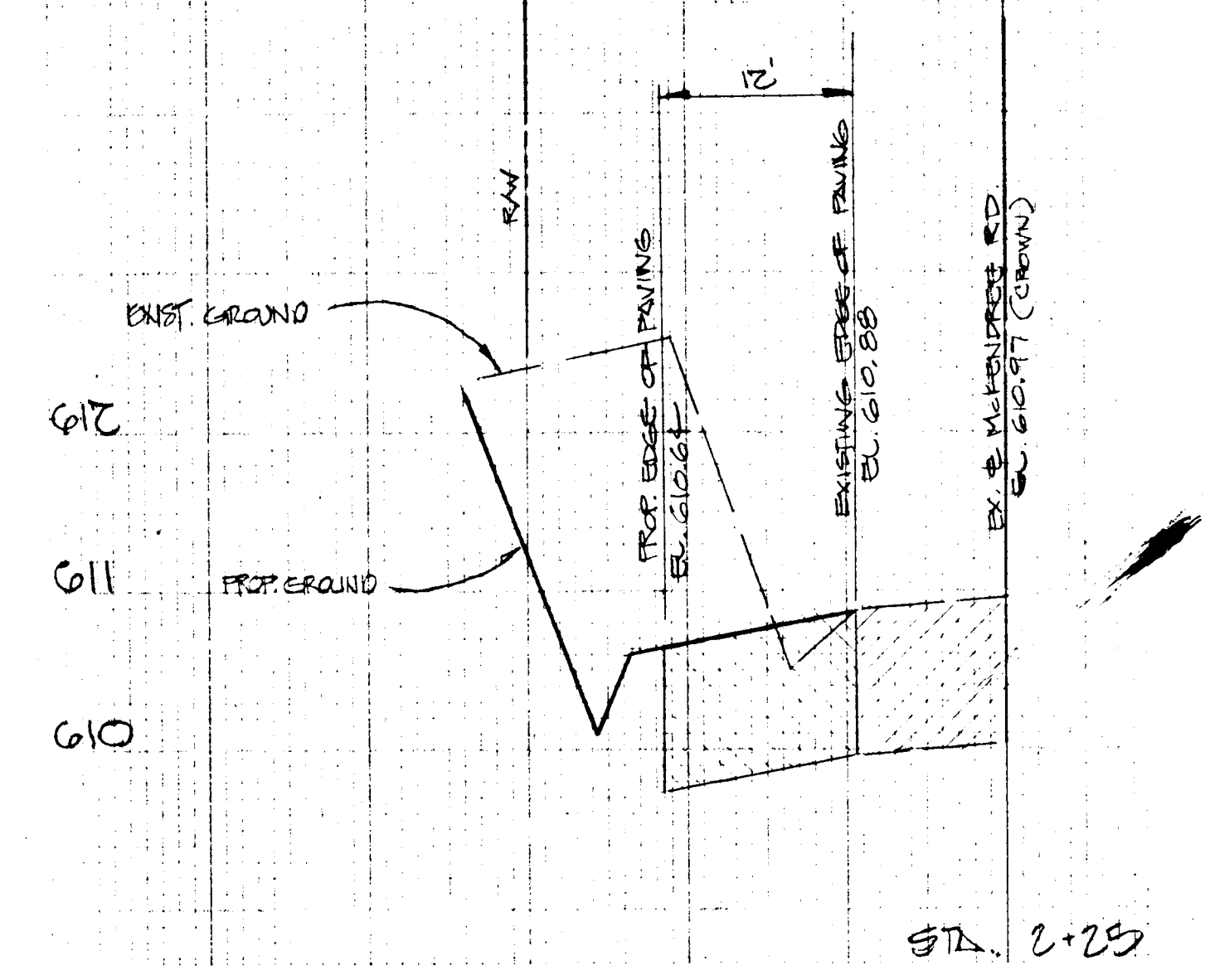
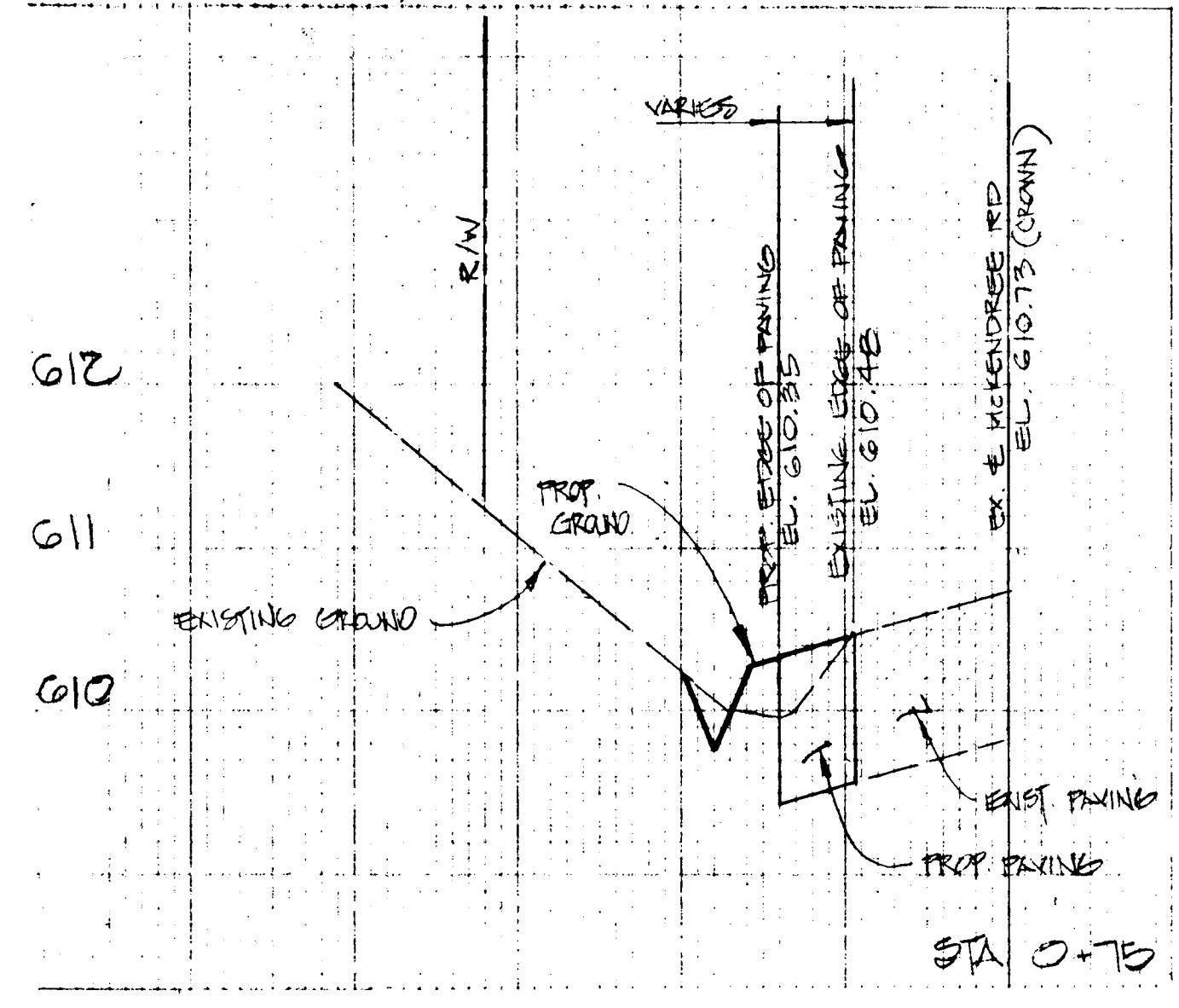
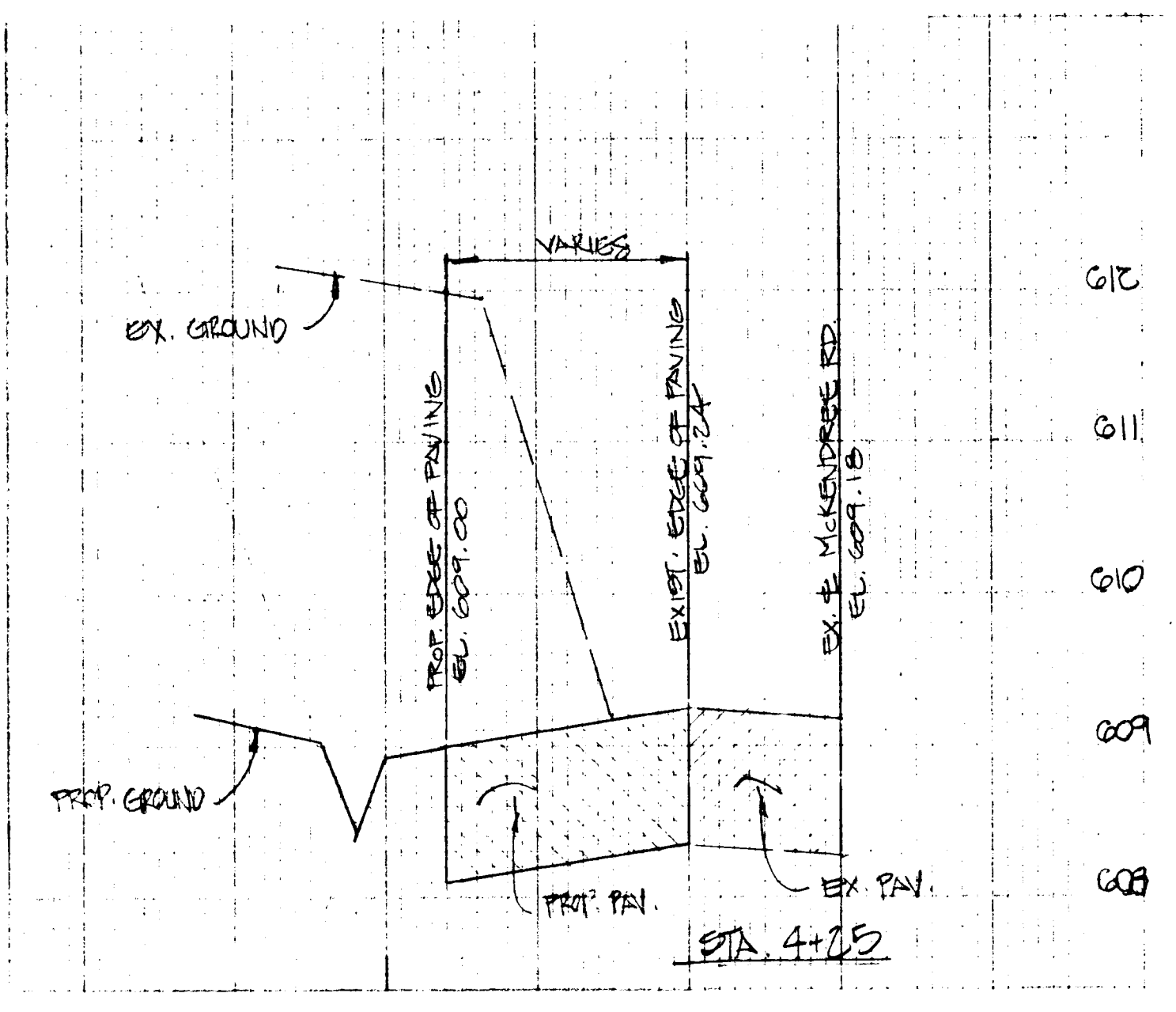
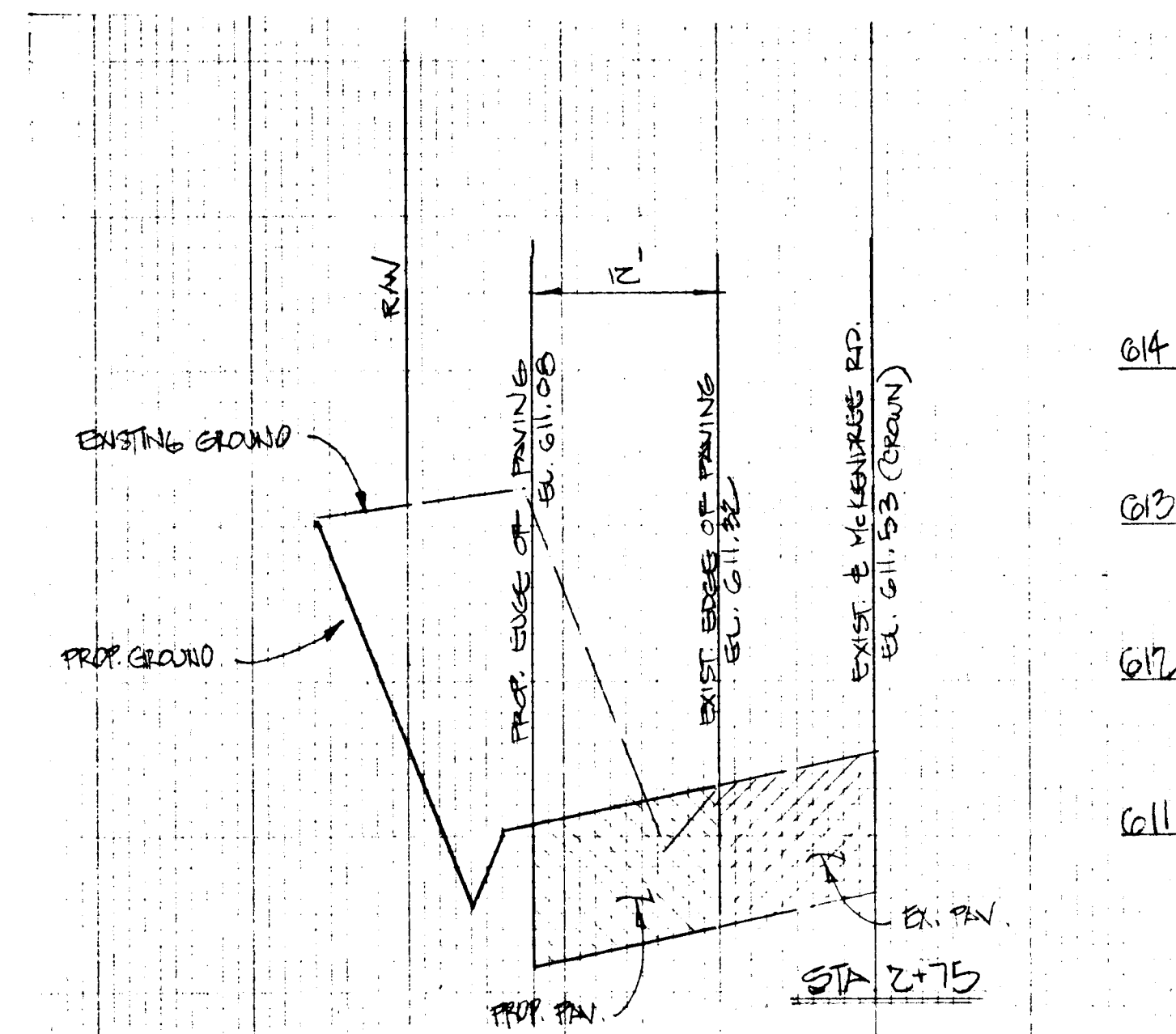
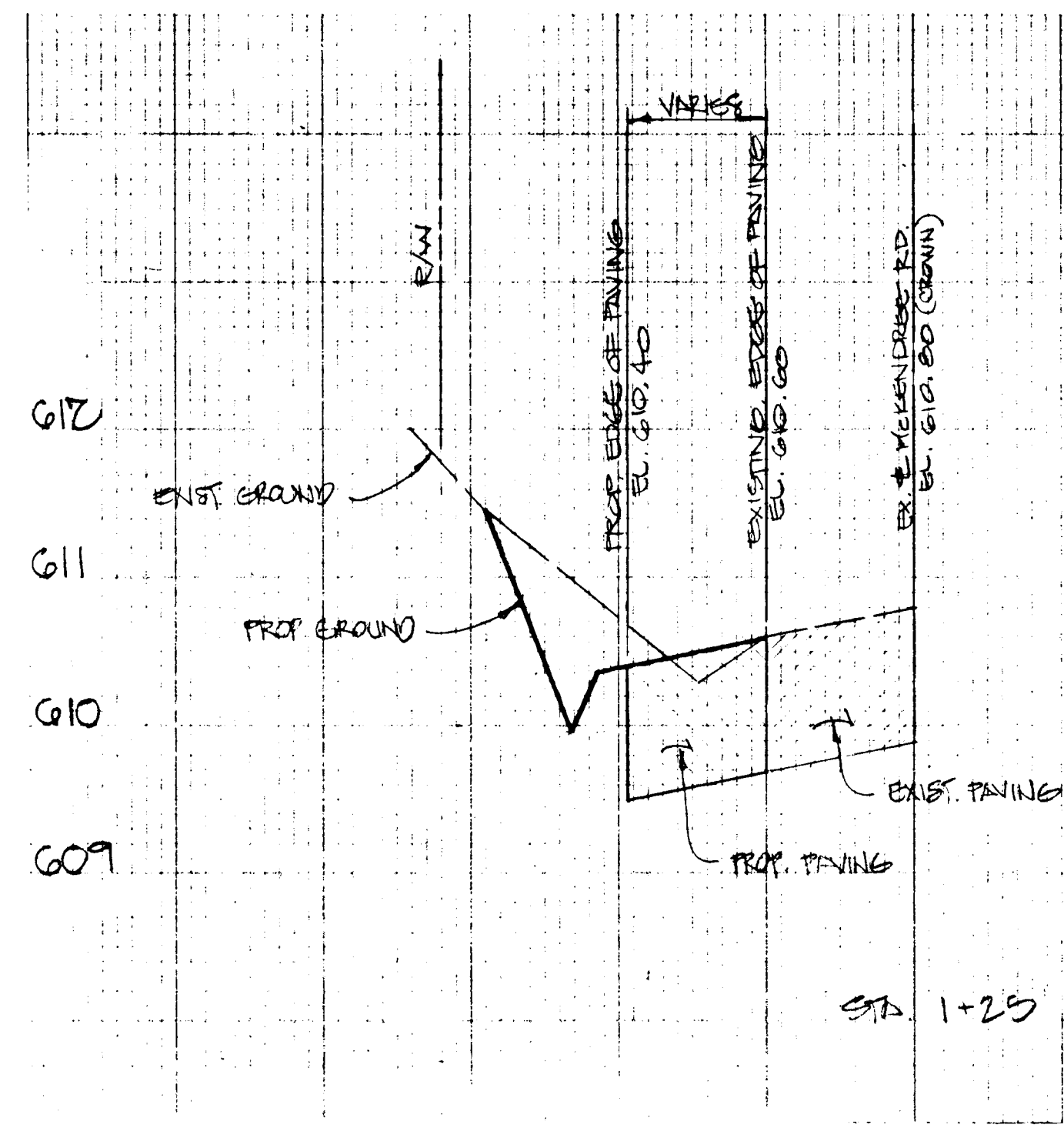
LOTS 1-40 AND PRESERVATION
PARCELS A, B, C
AND RESIDUE PARCELS
FOURTH ELECTION DISTRICT
TAX MAP 14
SCALE: AS SHOWN
SHEET 7 OF 20
19-BUILT 11-11-97

1705

FISHER, COLLINS & CARTER, INC.
SURVEYING ENGINEERS, LAND SURVEYORS
973 BALTIMORE NATIONAL PIKE, SUITE 100
ELECTIC CITY, MARYLAND 21042
301-461-2555

1705

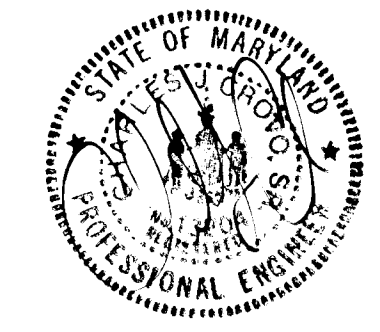
APPROVED DEPARTMENT OF PUBLIC WORKS
 CHIEF, LAND DEVELOPMENT DIVISION 7/10/94 DATE
 APPROVED DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF HIGHWAYS 7-13-94 DATE
 APPROVED OFFICE OF PLANNING AND ZONING
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH 7/20/94 DATE



FISHER, COLLINS & CARTER, INC.
 871 BALTIMORE NATIONAL PIKE, SUITE 300
 ELLICOTT CITY, MARYLAND 21114
 (301) 461-2929

PROFILES
 SCALE: HORIZ. 1"=10'
 VERT. 1"=1'

OWNER / DEVELOPER
 WHEELER DEVELOPMENT INC.
 % LAURA A. WHEELER-PIED
 10200-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878



ROAD IMPROVEMENTS ALONG ACCEL. DECEL. LANES
GWYLDYL OAK ESTATES
 LOTS 1-10 AND PRESERVATION
 PARCELS 118 AND 123
 AND RESIDUAL PARCEL 10
 FOURTH ELECTION DISTRICT
 HANOVER COUNTY, MARYLAND
 TAX MAP 14 PARCEL 123
 SCALE: AS SHOWN DATE: DECEMBER 22, 1993
 SHEET 8 OF 20
 AS-BUILT 11-11-97

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 CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 6/27/94

DEVELOPER'S CERTIFICATE
 I HEREBY 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.

DATE: 6/27/94

APPROVED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS ALL REQUIREMENTS:
 DATE: 7/1/94

APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT:
 DATE: 7/14/94

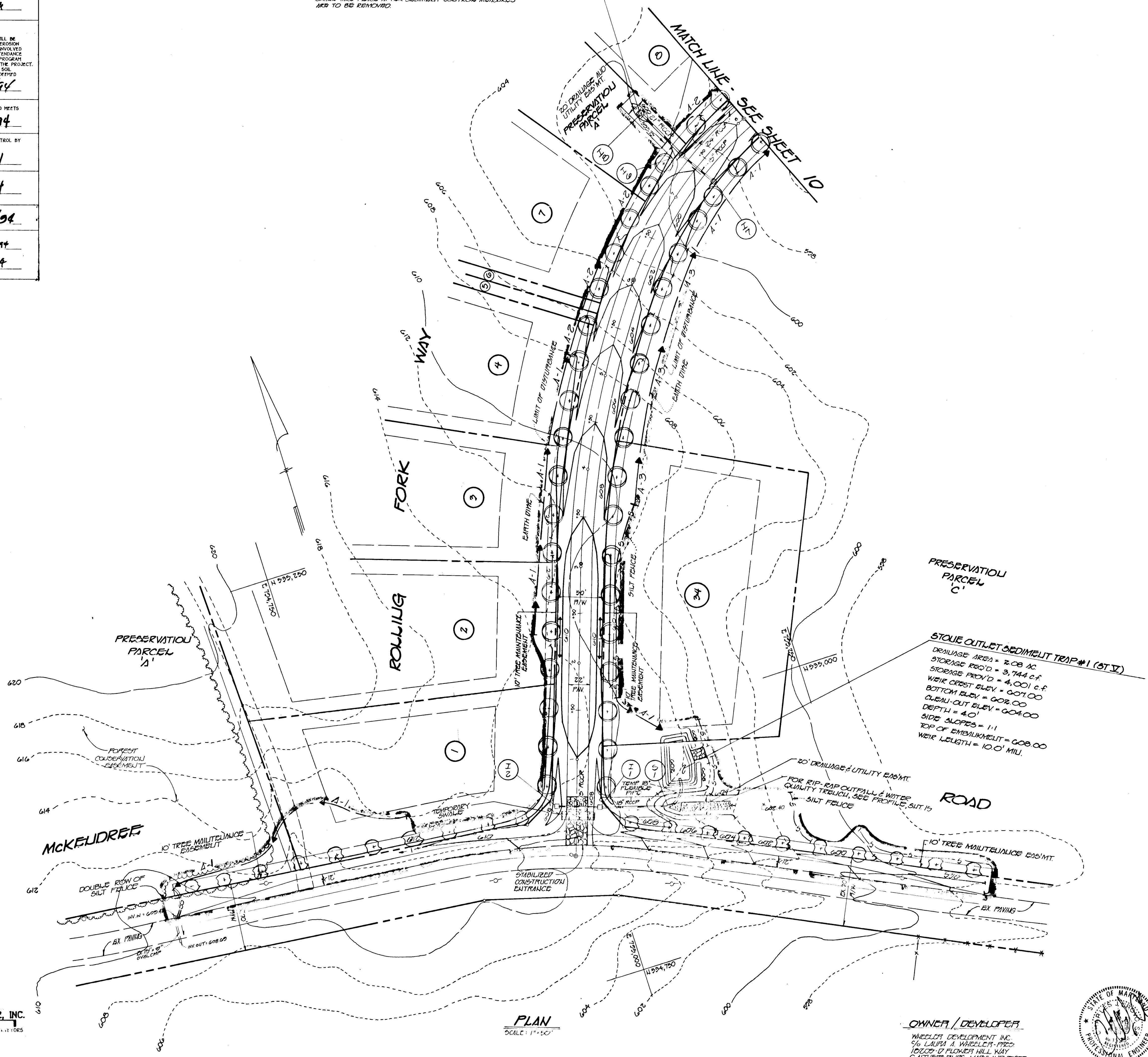
APPROVED DEPARTMENT OF PLANNING AND ZONING:
 DATE: 7/20/94

APPROVED DIVISION OF LAND USE & ZONING:
 DATE: 7/10/94

APPROVED DEPARTMENT OF PUBLIC WORKS:
 DATE: 7/10/94

APPROVED BUREAU OF HIGHWAYS:
 DATE: 7-13-94

CONTRACTOR SHALL PROVIDE ULLET PROTECTION AND TEMPORARILY DIVERT FLOW TO THE CULVERT WATER DIVERSION PIPE LOCATED ON LOT 9. BY LOT GRADING SUMP ULLET PROTECTION AND THE GRADING OF THE SUMP SHALL TAKE PLACE AFTER SEDIMENT CONTROL MEASURES ARE TO BE REMOVED.



LEGEND

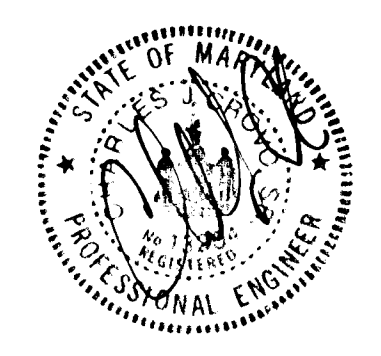
A-1 — A-1 EARTH DIKE
 S — S SILT FENCE
 — — — — — LIMIT OF DISTURBANCE

⊕ DENOTES STREET TREES ALONG ROLLING FORK WAY
 ⊕ DENOTES STREET TREES ALONG MCKELMORE ROAD
 FOR PLANTING TYPES & DETAILS SEE LANDSCAPING PLANS SHEETS 18, 19 & 20

STREET TREE, GRADING AND SEDIMENT CONTROL PLAN

GWYLDYL OAK ESTATES

LOTS 1-10 AND PRESERVATION PARCELS A, B, C AND RESIDUE PARCEL C
 FOURTH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 TAX MAP 14 PARCEL 123
 DATE: DEC. 22, 1993
 SCALE: AS SHOWN SHEET 9 OF 20
 AS-BUILT 11-11-97



OWNER / DEVELOPER
 WHEELER DEVELOPMENT INC.
 56 LAURA A. WHEELER, PRES.
 10200 FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878

PLAN
 SCALE: 1"=40'

FISHER, COLLINS & CARTER, INC.
 ENGINEERS, ARCHITECTS, LANDSCAPE ARCHITECTS
 971 BALTIMORE NATIONAL PKWY. SUITE 100
 ELLSWORTH CITY, MARYLAND 21117
 (410) 481-1255

1705

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 CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE OF ENGINEER: *[Signature]* DATE: 6/27/94

DEVELOPER'S CERTIFICATE
 I HEREBY 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.
 SIGNATURE OF DEVELOPER: *[Signature]* DATE: 6/22/94

REQUIREMENTS FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS ENGINEER'S REQUIREMENTS.
 SIGNATURE OF ENGINEER: *[Signature]* DATE: 7/11/94

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPLIED: *[Signature]* DATE: 7/14/94

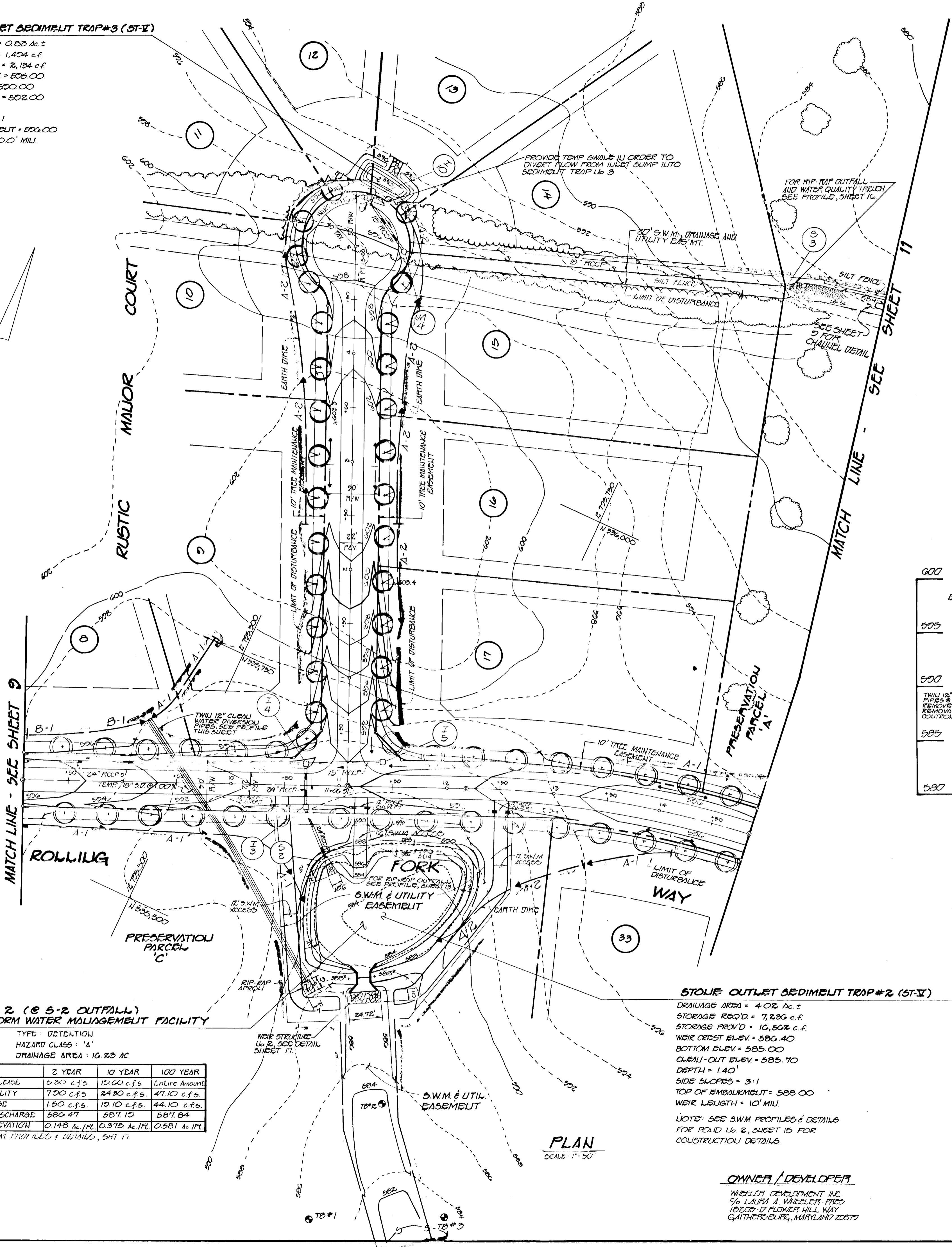
APPROVED DEPARTMENT OF PLANNING AND ZONING.
 CIVIL DIVISION OF LAND USE & PLANNING: *[Signature]* DATE: 7/20/94

APPROVED DEPARTMENT OF PUBLIC WORKS.
 CIVIL DIVISION OF LAND USE & PLANNING: *[Signature]* DATE: 7/18/94

APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 CIVIL DIVISION OF LAND USE & PLANNING: *[Signature]* DATE: 7/18/94

APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 CIVIL DIVISION OF LAND USE & PLANNING: *[Signature]* DATE: 7-13-94

STOUP OUTLET SEDIMENT TRAP #3 (ST-3)
 DRAINAGE AREA = 0.83 AC ±
 STORAGE REQ'D = 1,404 c.f.
 STORAGE PROVIDED = 2,134 c.f.
 WEIR CREST ELEV. = 502.00
 BOTTOM ELEV. = 500.00
 CLEAR-OUT ELEV. = 502.00
 DEPTH = 4.0'
 SIDE SLOPES = 1:1
 TOP OF EMBANKMENT = 502.00
 WEIR LENGTH = 10.0' MIN.



**POUND No. 2 (6 6-2 OUTFALL)
 PUBLIC STORM WATER MANAGEMENT FACILITY**

TYPE: DETENTION
 HAZARD CLASS: 'A'
 DRAINAGE AREA: 10.23 AC

	2 YEAR	10 YEAR	100 YEAR
ALLOWABLE RELEASE	5.30 c.f.s.	12.00 c.f.s.	Line Amount
INFLOW TO FACILITY	7.50 c.f.s.	24.80 c.f.s.	47.10 c.f.s.
ACTUAL RELEASE	1.50 c.f.s.	12.10 c.f.s.	44.10 c.f.s.
ELEVATION @ DISCHARGE	580.47	587.12	587.84
STORAGE @ ELEVATION	0.143 AC @ 17'	0.375 AC @ 17'	0.581 AC @ 17'

NOTE: SEE SWIM PROFILES & DETAILS, SHEET 11

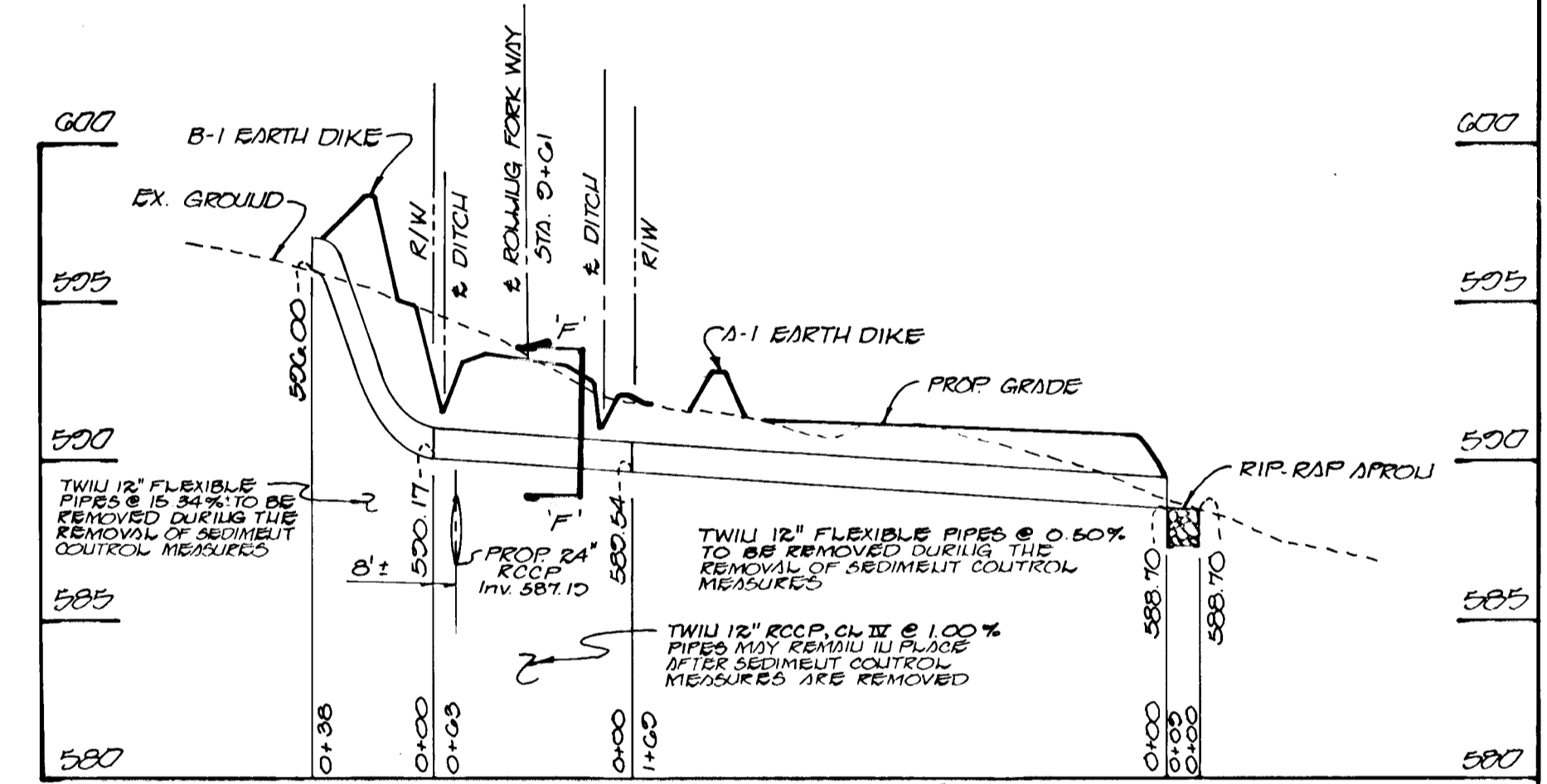
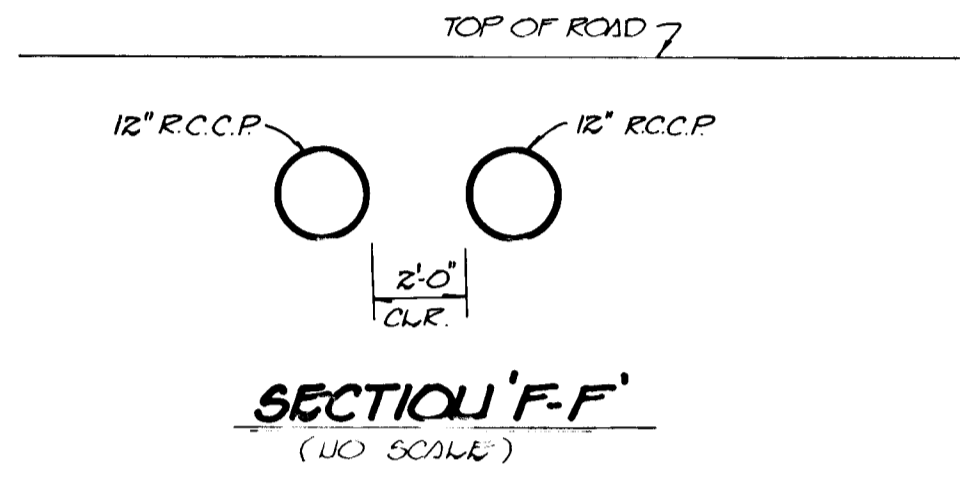
STOUP OUTLET SEDIMENT TRAP #2 (ST-2)

DRAINAGE AREA = 4.02 AC ±
 STORAGE REQ'D = 7,290 c.f.
 STORAGE PROVIDED = 10,502 c.f.
 WEIR CREST ELEV. = 585.40
 BOTTOM ELEV. = 585.00
 CLEAR-OUT ELEV. = 585.70
 DEPTH = 1.40'
 SIDE SLOPES = 3:1
 TOP OF EMBANKMENT = 588.00
 WEIR LENGTH = 10' MIN.

NOTE: SEE SWIM PROFILES & DETAILS FOR POUND No. 2, SHEET 15 FOR CONSTRUCTION DETAILS.

PLAN
 SCALE 1" = 50'

OWNER / DEVELOPER
 WHEELER DEVELOPMENT INC.
 % LAURA A. WHEELER-PROO
 10202-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878



**TWIL 12\"/>
 PROFILE
 SCALE: HOR: 1" = 50'
 VER: 1" = 5'**

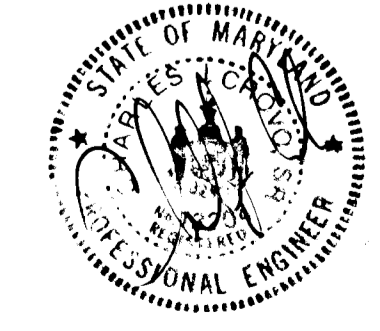
- ⊙ DENOTES STREET TREES ALONG ROLLING FORK WAY
- ⊙ DENOTES STREET TREES ALONG RUSTIC MAJOR COURT

FOR PAVING TYPES & DETAILS, SEE LANDSCAPING PLANS SHEETS 18, 19 & 20

STREET TREE, GRADING AND SEDIMENT CONTROL PLAN

GWYUDYL OAK ESTATES

LOTS 1-40 AND PRESERVATION PARCELS A, B, & C
 PARCEL 123
 FOURTH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 TAX MAP 14
 DATE: DEC. 22, 1993
 SCALE: AS SHOWN
 SHEET 10 OF 20
 AS-BUILT 11-11-97



1705

FISHER, COLLINS & CARTER, INC.
 97 BALDWIN NATIONAL PKW. SUITE 100
 ELICOTT CITY, MARYLAND 21042
 410-281-1255

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 OF ENGINEER: *[Signature]* DATE: 6/27/94

DEVELOPER'S CERTIFICATE
 I HEREBY 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.
 SIGNATURE OF DEVELOPER: *[Signature]* DATE: 6/27/94

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS:
 SIGNATURE: *[Signature]* DATE: 7/11/94

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE: *[Signature]* DATE: 7/11/94

APPROVED DEPARTMENT OF PLANNING AND ZONING:
 SIGNATURE: *[Signature]* DATE: 7/20/94

APPROVED DEPARTMENT OF PUBLIC WORKS:
 SIGNATURE: *[Signature]* DATE: 7/18/94

APPROVED DEPARTMENT OF PUBLIC WORKS:
 SIGNATURE: *[Signature]* DATE: 7/18/94

APPROVED DEPARTMENT OF PUBLIC WORKS:
 SIGNATURE: *[Signature]* DATE: 7-13-94

PUBLIC STORM WATER MANAGEMENT FACILITY - POND No. 1

TYPE: DETENTION
 HAZARD CLASS: 'A'
 DRAINAGE AREA: 10.04 AC ±

	2 YEAR	10 YEAR	100 YEAR
ALLOWABLE RELEASE	8,000 c.f.s.	20,400 c.f.s.	Entire Amount
INT. LOW TO FACILITY	12,300 c.f.s.	26,700 c.f.s.	68,700 c.f.s.
ACTUAL RELEASE	7,300 c.f.s.	26,000 c.f.s.	61,000 c.f.s.
ELEVATION @ DISCHARGE	681.05	682.74	683.53
STORAGE @ ELEVATION	0.152 AC 1/4	0.424 AC 1/4	0.687 AC 1/4

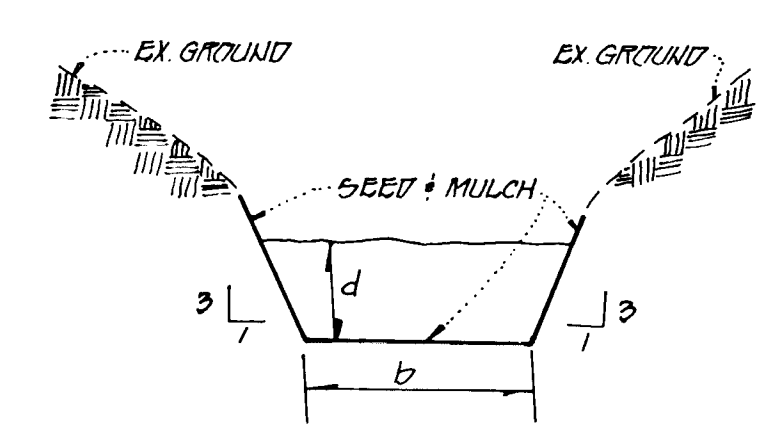
NOTE: SEE SWM PROFILES & DETAILS, SHEET 11

STONE OUTLET SEDIMENT TRAP #6 (ST-V)

DRAINAGE AREA = 1.62 AC ±
 STORAGE REQ'D = 2,780 c.f.
 STORAGE PROV'D = 2,800 c.f.
 WEIR CREST ELEV. = 599.00
 BOTTOM ELEV. = 594.00
 CLEAN-OUT ELEV. = 596.00
 DEPTH = 4.0'
 SIDE SLOPES = 2:1
 TOP OF EMBANKMENT = 600.00
 WEIR LENGTH = 7.0' MIN.

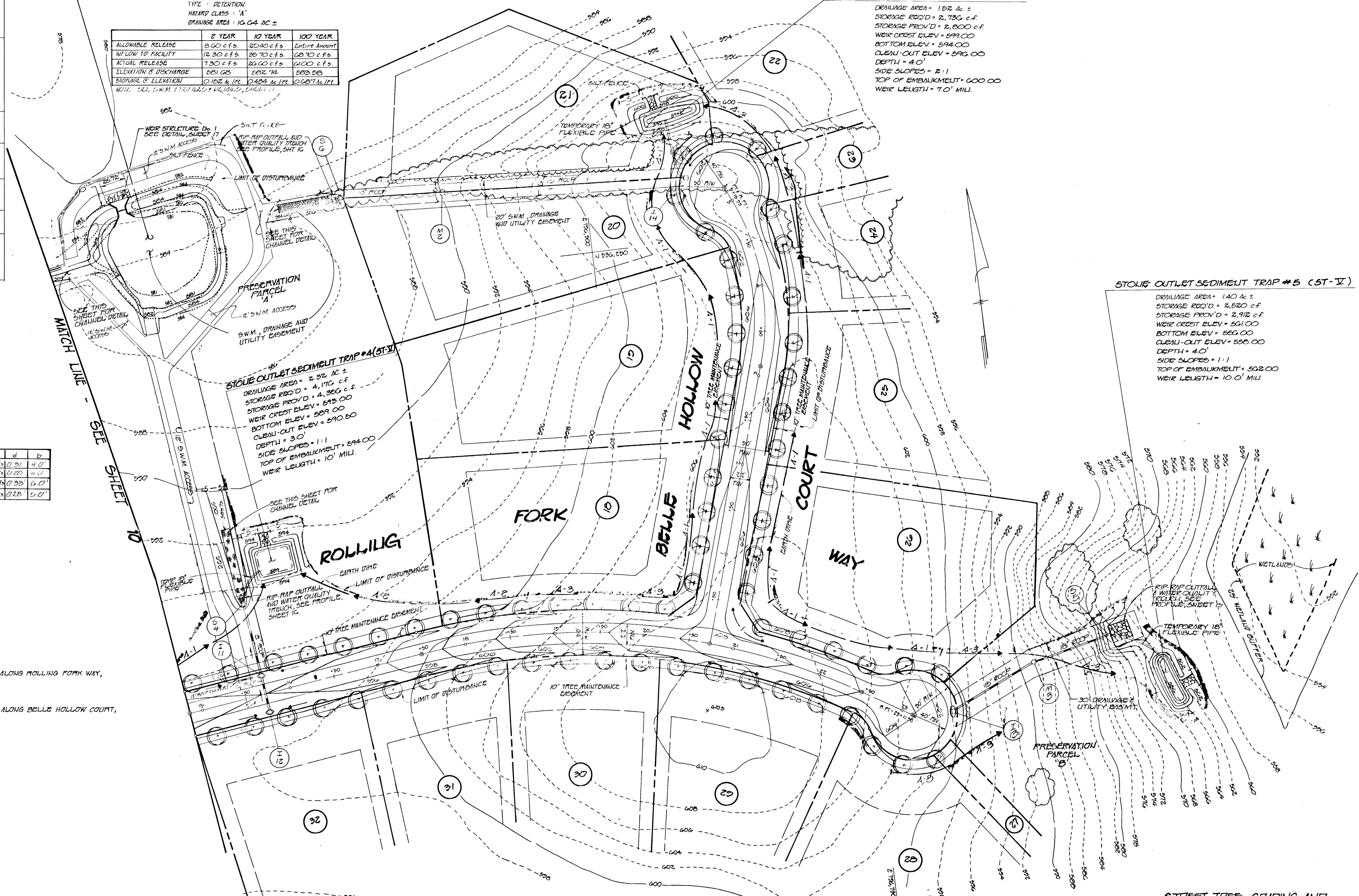
STONE OUTLET SEDIMENT TRAP #5 (ST-V)

DRAINAGE AREA = 1.40 AC ±
 STORAGE REQ'D = 2,520 c.f.
 STORAGE PROV'D = 2,912 c.f.
 WEIR CREST ELEV. = 591.00
 BOTTOM ELEV. = 586.00
 CLEAN-OUT ELEV. = 588.00
 DEPTH = 4.0'
 SIDE SLOPES = 1:1
 TOP OF EMBANKMENT = 592.00
 WEIR LENGTH = 10.0' MIN.



CHANNEL DETAIL
 (5.0, 3.0, 1.0, 1:1 SIDE SLOPES)
 NOT SCALE

CUTTABLE	AREA	W.P.	1-1/2	n	S	V	g	d	b
5-3	5.234	5.724	0.140	0.02	0.012	0.434	3.724	0.21	4.0'
5-6	1.264	5.771	0.28	0.02	0.01	1.881	2.264	0.22	4.0'
5-4	2.314	8.02	0.43	0.02	0.002	1.514	2.424	0.23	4.0'
5-1	1.64	6.77	0.37	0.02	0.01	1.434	3.174	0.23	5.0'

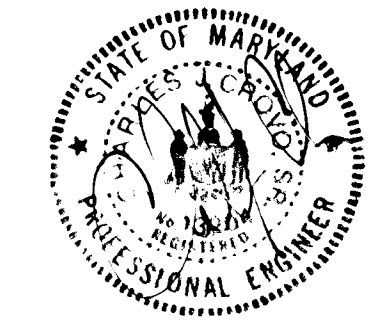


- ⊙ DENOTES STREET TREES ALONG ROLLING FORK WAY, SEE DETAIL, SHEET 11.
- ⊙ DENOTES STREET TREES ALONG BELLE HOLLOW COURT, SEE DETAIL, SHEET 11.

PLAN
 SCALE: 1" = 50'

FISHER, COLLINS & CARTER, INC.
 971 BALTIMORE AVENUE, SUITE 100
 ELICOTT CITY, MARYLAND 21041
 (410) 766-1000

OWNER / DEVELOPER
 WHEELER DEVELOPMENT INC.
 % LAURA A. WHEELER-PROD
 10200-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878

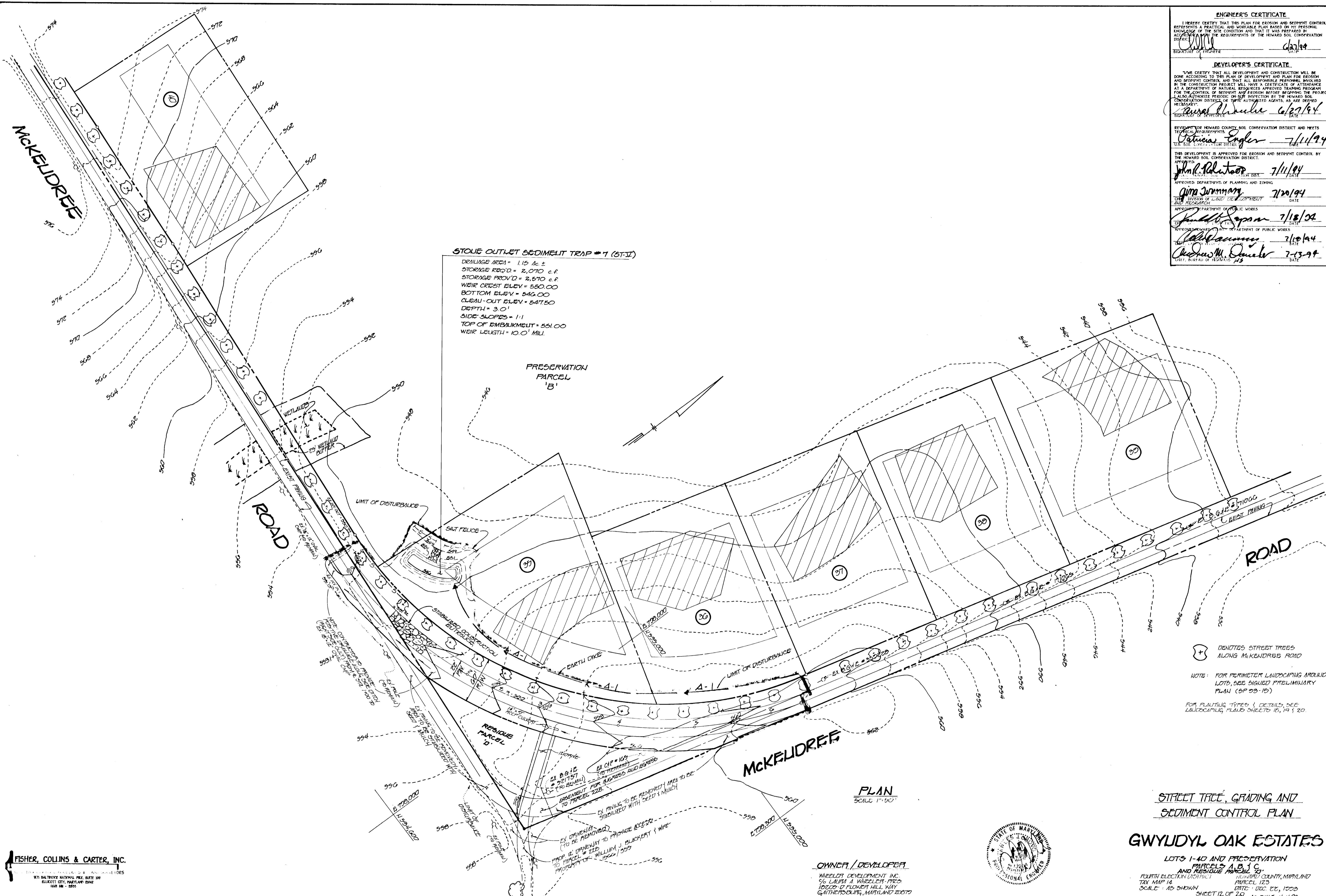


STREET TREE, GRADING AND SEDIMENT CONTROL PLAN
GWYLDIYL OAK ESTATES

LOTS 1-40 AND PRESERVATION PARCELS A, B, C AND RESIDUE PARCEL D
 FOURTH ELECTION DISTRICT, HANOVER COUNTY, MARYLAND
 TAX MAP 14 PARCEL 123
 SCALE: AS SHOWN SHEET 11 OF 20
 DATE: DEC. 26, 1993
 AS-BUILT 11-11-97

1705

1705



STORAGE OUTLET SEDIMENT TRAP #1 (ST-1)
 DRAINAGE AREA = 1.15 Ac. ±
 STORAGE REQ'D = 2,070 c.f.
 STORAGE PROV'D = 2,570 c.f.
 WEIR CREST ELEV. = 550.00
 BOTTOM ELEV. = 546.00
 CLEAN-OUT ELEV. = 547.50
 DEPTH = 3.0'
 SIDE SLOPES = 1:1
 TOP OF EMBANKMENT = 551.00
 WEIR LENGTH = 10.0' MIN.

PRESERVATION
 PARCEL
 'B'

ROAD

ROAD

MCKENDREE

RESIDUE
 PARCEL
 'D'

PLAN
 SCALE 1"=50'

STREET TREE, GRADING AND
 SEDIMENT CONTROL PLAN

GWYNDYL OAK ESTATES

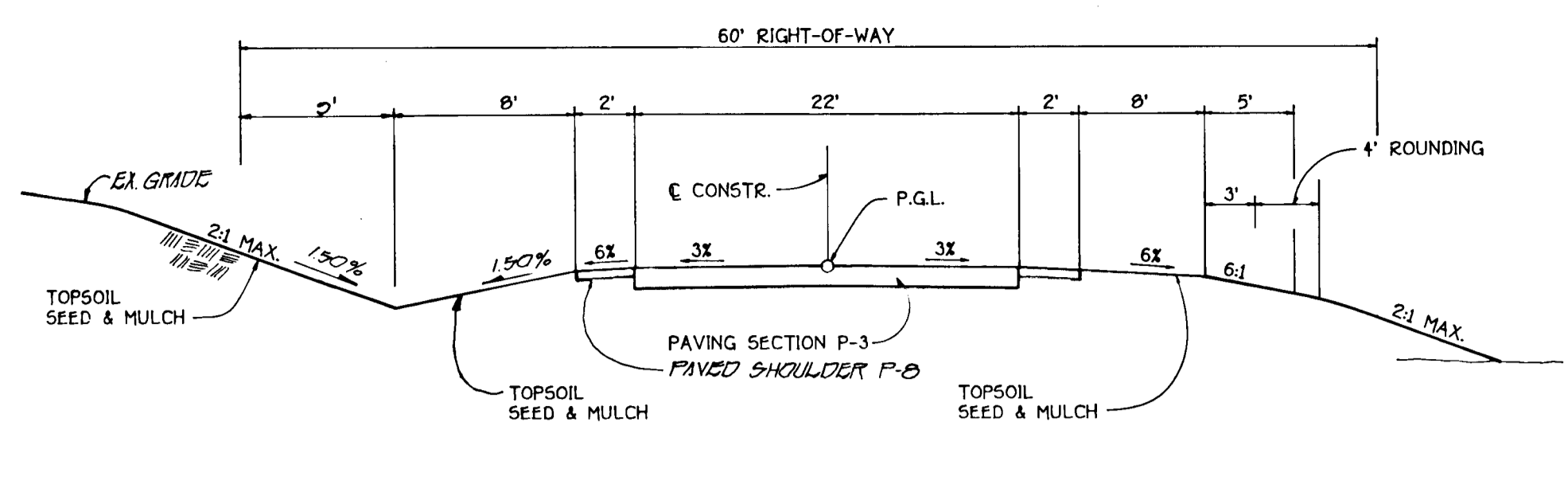
LOTS 1-10 AND PRESERVATION
 PARCELS A, B, C,
 AND RESIDUE PARCEL D,
 FOURTH ELECTION DISTRICT
 TOWN OF WHEELER, HOWARD COUNTY, MARYLAND
 TAX MAP 14 PARCEL 123
 SCALE: AS SHOWN DATE: DEC. 22, 1993
 SHEET 12 OF 20 AS BUILT 11-11-97

OWNER / DEVELOPER
 WHEELER DEVELOPMENT, INC.
 96 LAURA A WHEELER PRES
 10200-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878

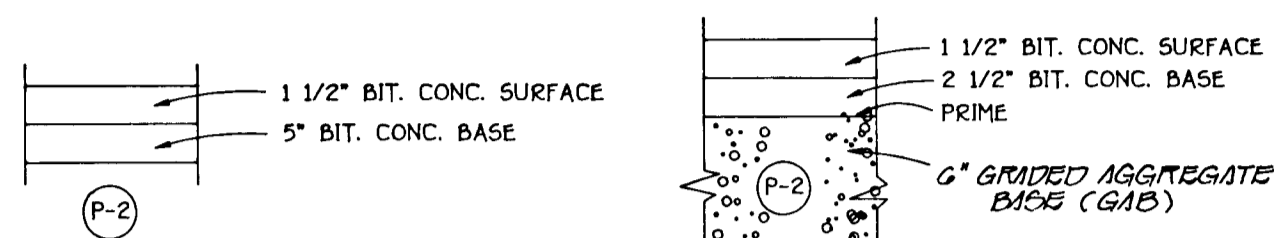


ENGINEER'S CERTIFICATE	
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT THE PROJECT ACCORDS WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.	
SIGNATURE OF ENGINEER	6/27/94
DEVELOPER'S CERTIFICATE	
I HEREBY 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 PERSONS ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.	
SIGNATURE OF DEVELOPER	6/27/94
REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.	
Patricia Engler	7/11/94
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.	
APPROVED	7/11/94
APPROVED DEPARTMENT OF PLANNING AND ZONING	
Anna Jarmann	7/20/94
OFFICE DIVISION OF LAND USE, PLANNING AND RESEARCH	
APPROVED DEPARTMENT OF PUBLIC WORKS	
James S. Sapon	7/18/94
APPROVED DEPARTMENT OF PUBLIC WORKS	
Charles M. Daniels	7-13-94
DISTRICT BUREAU OF HIGHWAYS	

FISHER, COLLINS & CARTER, INC.
 971 BALTIMORE NATIONAL FREE BIRTH 100
 ELLETTT CITY, MARYLAND 21114
 410-48-1255



TYPICAL ROADWAY SECTION FOR MCKENDREE ROAD RELOCATION
NOT TO SCALE

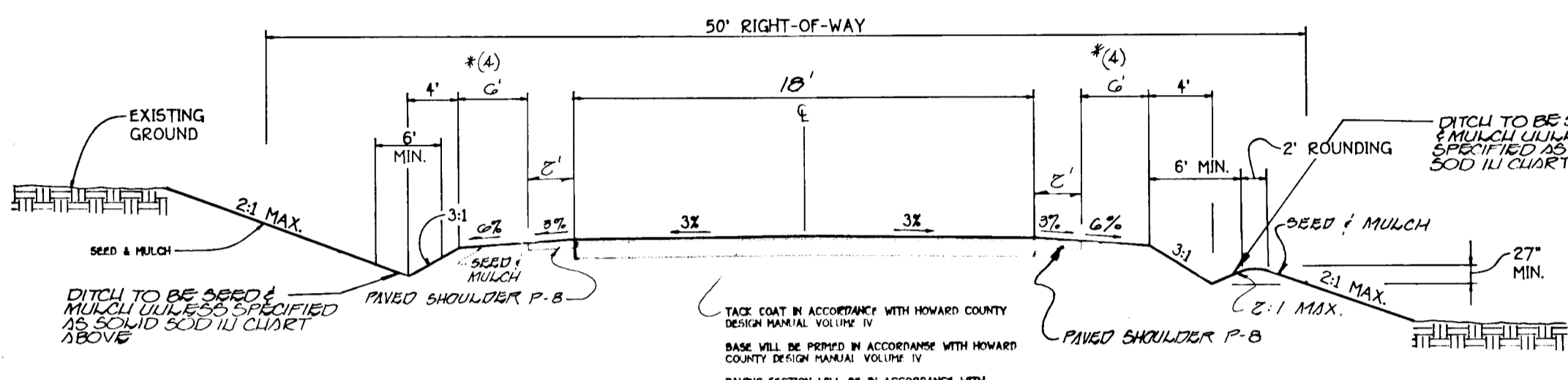


PAVING SECTION P-2
NO SCALE

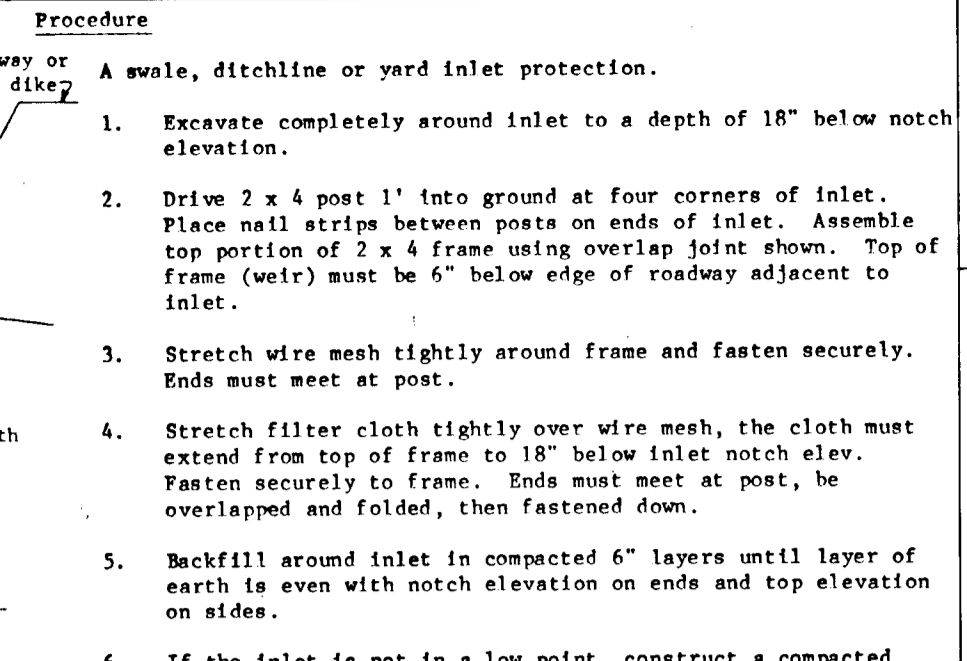
ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	STATION LIMITS	PAVING SECTION
ROLLING FORK WAY	CUL-DE-SAC	30 mph	RC	STA. 0+00 TO STA. 23+11.56	P-2
RUSTIC MANOR COURT	CUL-DE-SAC	25 mph	RC	STA. 0+00 TO STA. 5+00.00	P-2
BELLE HOLLOW COURT	CUL-DE-SAC	30 mph	RC	STA. 0+00 TO STA. 5+15.99	P-2
MCKENDREE ROAD (RELOCATION)	HWY COLLECTOR	35 mph	RC	STA. 0+00 TO STA. 6+35	P-3

ROAD NAME	FROM	TO	REMARKS
ROLLING FORK WAY	ST. STA. 4+50	ST. STA. 7+37	LT. DITCH ONLY
ROLLING FORK WAY	ST. STA. 8+50	ST. STA. 10+70	LT. DITCH
ROLLING FORK WAY	ST. STA. 10+00	ST. STA. 10+70	RT. DITCH
ROLLING FORK WAY	ST. STA. 15+73	ST. STA. 16+25	LT. DITCH
ROLLING FORK WAY	ST. STA. 15+73	ST. STA. 19+50	RT. DITCH
ROLLING FORK WAY	LP STA. 0+00	LP STA. 1+50	CUL-DE-SAC
RUSTIC MANOR COURT	ST. STA. 0+11	ST. STA. 1+25	LT. & RT. DITCH
RUSTIC MANOR COURT	LP STA. 0+32	LP STA. 1+42	CUL-DE-SAC

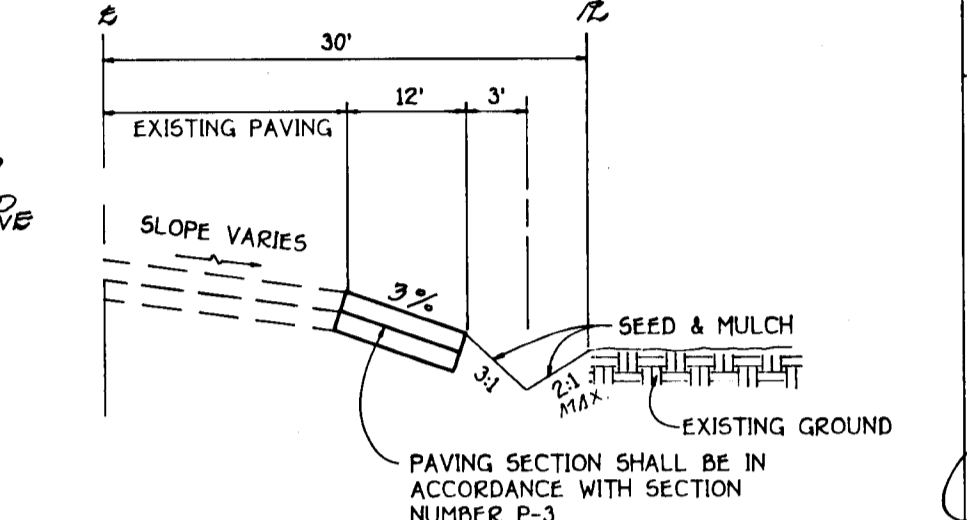
NOTE: DITCHES AT ALL OTHER STATIONS TO BE SEED & MULCH AS SHOWN ON TYPICAL SECTIONS.



TYPICAL ROADWAY SECTION FOR ROLLING FORK WAY, RUSTIC MANOR COURT & BELLE HOLLOW COURT
NOT TO SCALE



SWALE INLET PROTECTION DETAIL
NO SCALE



TYPICAL R/W WIDENING SECTION FOR MCKENDREE ROAD (EX. 70' R/W)
NOT TO SCALE

Site Preparation
Areas designated for borrow areas, embankment, and structural works shall be cleared, grubbed and stripped of topsoil. All trees, vegetation, roots and other objectionable material shall be removed. Channel banks and sharp berms shall be sloped to no steeper than 1:1.

Areas to be covered by the reservoir will be cleared of all trees, brush, logs, fence, brush and other objectionable material unless otherwise designated on the plans. Trees, brush and stumps shall be cut approximately level with the ground surface. For dry streamwater management points, a minimum of a 50 foot radius around the inlet structure shall be cleared.

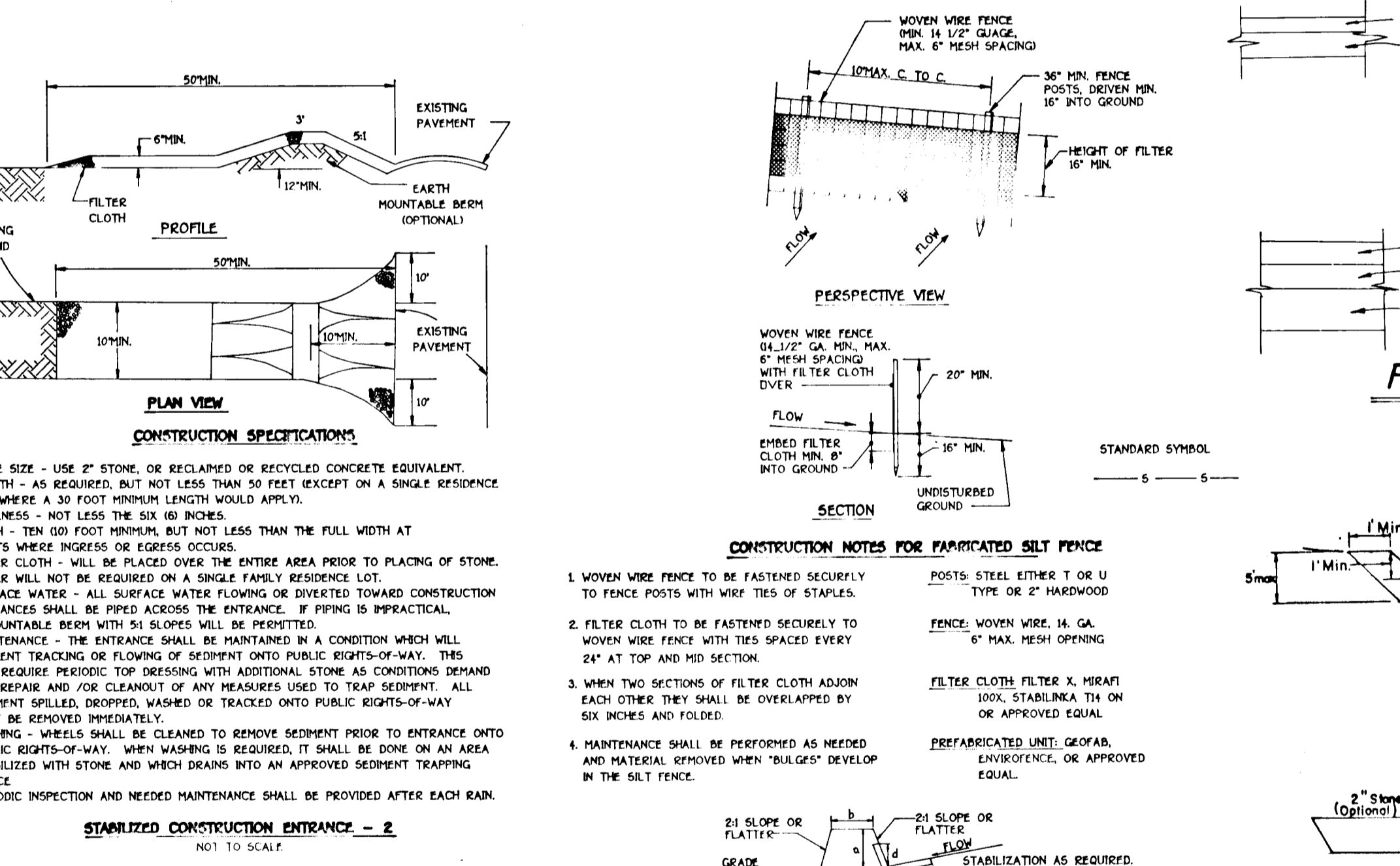
All cleared and grubbed material shall be disposed of outside and below the limits of the dam and reservoir as directed by the owner or his representative. When stockpiled in a suitable location for use on the embankment and other designated areas.

Concrete
Concrete shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 608, Mix No. 3.

Rock Riprap
Rock riprap shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 905.

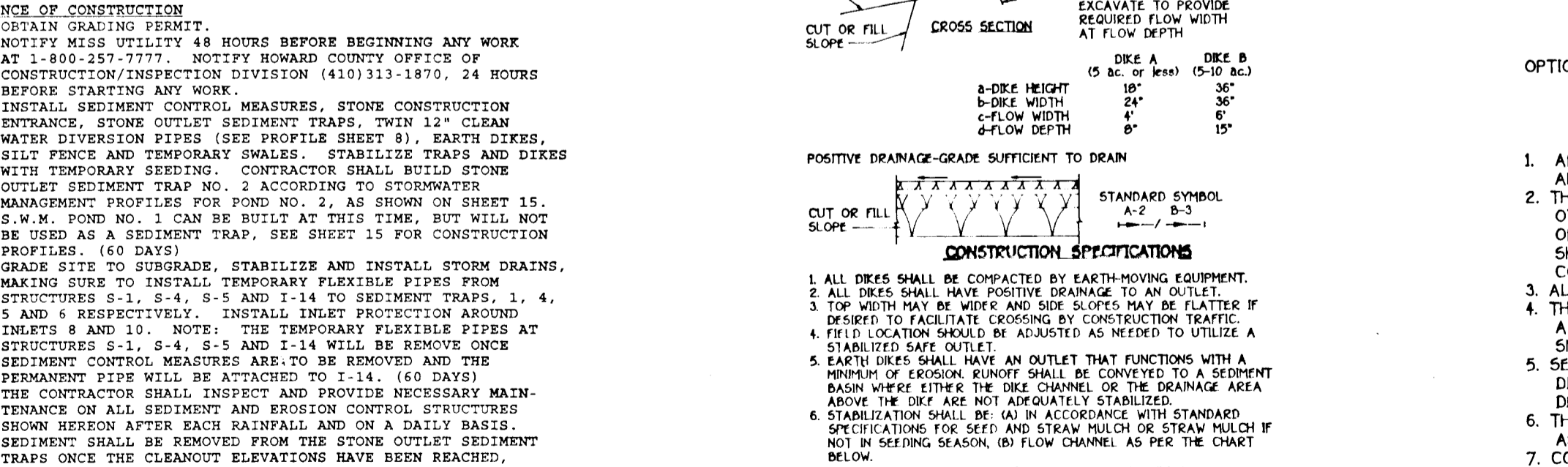
The riprap shall be placed to the required thickness in one operation. The rock shall be delivered and placed in a manner that will insure the riprap is placed that is reasonably homogeneous with the larger rocks uniformly distributed and firmly in contact one to another with the smaller rocks filling the voids between the larger rocks. Filter cloth shall be placed under all riprap and shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 919.12.

Backfill adjacent to pipes or structures shall be of the type and quality conforming to that specified for the adjoining fill material. The fill shall be placed in layers not to exceed four inches in thickness and compacted by hand tampers or other manually directed compaction equipment. The material needs to fill completely all spaces under and adjacent to the pipe. At no time during the backfilling operation shall drive equipment be allowed to operate closer than four feet, measured horizontally, to any part of a structure. Under no circumstances shall equipment be driven over any part of a concrete structure or pipe, unless there is a compacted fill of 24\"/>

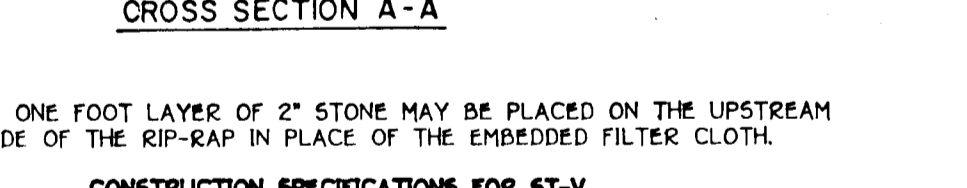


PAVING SECTION P-2
NO SCALE

PAVING SECTION P-3
NO SCALE



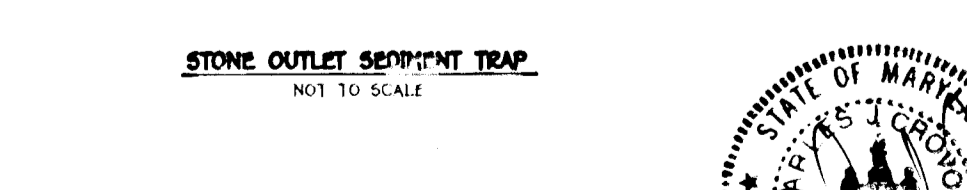
1. OBTAIN GRADING PERMIT.	2. NOTIFY MISS UTILITIES 48 HOURS BEFORE BEGINNING ANY WORK AT 1-800-257-7777. NOTIFY HOWARD COUNTY OFFICE OF CONSTRUCTION INSPECTION DIVISION (410) 312-1870, 24 HOURS BEFORE STARTING ANY WORK.	3. INSTALL SEDIMENT CONTROL MEASURES, STONE CONSTRUCTION ENTRANCE, STONE OUTLET SEDIMENT TRAPS, TWIN 12\"/>
4. GRAB SITE TO SURFACE, STABILIZE AND INSTALL STORM DRAIN, MAKING SURE TO INSTALL TEMPORARY FLEXIBLE PIPES FROM STRUCTURES S-1, S-4, S-8 AND S-14 TO SEDIMENT TRAPS, 1, 4, 8 AND 10. NOTE: THE TEMPORARY FLEXIBLE PIPES AT STRUCTURES S-2, S-6 AND S-14 WILL BE REMOVED ONCE SEDIMENT CONTROL MEASURES ARE TO BE REMOVED AND THE PERMANENT PIPE WILL BE ATTACHED TO I-14. (60 DAYS)	5. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON ALL SEDIMENT AND EROSION CONTROL STRUCTURES THROUGHOUT THE CONSTRUCTION PERIOD AND ON A DAILY BASIS. SEDIMENT SHALL BE REMOVED FROM THE STONE OUTLET SEDIMENT TRAPS ONCE THE CLEANOUT ELEVATIONS HAVE BEEN REACHED, SEDIMENT MUST BE PLACED UP HILL FROM THE TRAPS. SEE PLANS FOR CLEANOUT ELEVATIONS. (60 DAYS)	7. INSTALL ROAD BANK COVERS. (60 DAYS)
8. UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE INLET PROTECTION, FLUSH STORM DRAIN SYSTEM TO REMOVE GRADED SEDIMENT, REMOVE FLEXIBLE PIPES AND CONNECT PERMANENT PIPE AT I-14. CONVERT SEDIMENT TRAP NO. 2 TO S.W.M. POND NO. 2 AS PER PROFILES AND DETAILS ON SHEET 15. REMOVE THE TEMPORARY PORTION OF THE TWIN 12\"/> <td>9. ALL AREAS DISTURBED DUE TO THE REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.</td> <td></td>	9. ALL AREAS DISTURBED DUE TO THE REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.	



STONE OUTLET SEDIMENT TRAP
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS FOR ST-V

- AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
- THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
- ALL CUT AND FILL SLOPES SHALL BE 2:1 OF FLATTER.
- A 1\"/>



SOIL ANALYSIS
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 300 LBS PER ACRE OR 100 LBS/1,000 SQ FT OF KENTUCKY 31 TALL FESCUE FOR THE PERIOD MAY 1 THROUGH SEP 30 WITH 50 LB/ACRE OR 16.6 LBS/1,000 SQ FT OF KENTUCKY 31 TALL FESCUE AND 40 LBS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE AFTER THE PERIOD OF OCTOBER 15 THROUGH APRIL 30. SEED WITH 40 LB/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED MULCH. ALL SLOPES SHALL BE MAINTAINED AT 2:1.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Gina Swinney 7/20/94
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

Paul R. Sporn 7/18/94
CHIEF, BUREAU OF ENGINEERING DATE

James Shiflet 7/15/94
CHIEF, BUREAU OF HIGHWAYS DATE

John C. Curran 7/18/94
CHIEF, LAND DEVELOPMENT DIVISION DATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 6/27/94
SIGNATURE OF ENGINEER DATE

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 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.

Sandra Walker 6/27/94
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Patricia Bacon 7/11/94
U.S. SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

John R. Rutherford 7/11/94
DISTRICT HOWARD SOIL CONSERVATION DIST. DATE

SEEDING 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 (982-2437).
- 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 FURROW STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING SOILS FOR ALL DISTURBED AREAS ON THE PROJECT SITE, EXCEPT WHERE OTHERWISE SPECIFIED, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION. DESIRED PERCENTAGE OF SEEDING SHALL BE 100% (SEE TABLE 1).
- ALL SEEDING TRAYS/BASINS SHOWN MUST BE PERCHED AND WARNING SLOPES POSITIONED AROUND THEM PERMITTED BY ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING. USE 200 LBS/ACRE (50 LBS/1,000 SQ FT) OF SEED. 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 THE PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
- THE AREA OF SITE DISTURBED BY CONSTRUCTION SHALL BE VEGETATIVELY STABILIZED WITHIN 60 DAYS OF THE DATE OF COMPLETION OF CONSTRUCTION.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SPOT.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEPENDENT NECESSARY BY THE HOWARD COUNTY DEPT. OF SEDIMENT CONTROL INSPECTOR. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES.
- SEEDING SHALL BE PERFORMED IN ACCORDANCE WITH THE OPTION OF CONSTRUCTION OF INSTALLATION OF PERCHER EROSION AND SEDIMENT CONTROL. BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, OTHER BUILDING OR GRADING INSPECTION SHALL BE OBTAINED FROM THE HOWARD COUNTY DEPT. OF PLANNING AND ZONING BY THE INSPECTION AGENCY IS MADE.

PERMANENT SEEDING NOTES

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- LOosen LITER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL ANALYSIS
- FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 300 LBS PER ACRE OR 100 LBS/1,000 SQ FT OF KENTUCKY 31 TALL FESCUE FOR THE PERIOD MAY 1 THROUGH SEP 30 WITH 50 LB/ACRE OR 16.6 LBS/1,000 SQ FT OF KENTUCKY 31 TALL FESCUE AND 40 LBS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE AFTER THE PERIOD OF OCTOBER 15 THROUGH APRIL 30. SEED WITH 40 LB/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED MULCH. ALL SLOPES SHALL BE MAINTAINED AT 2:1.

MAINTENANCE

- ALL SEDIMENT AREAS AND MAKING REPAIRS, REPAIRS AND RESTORATION.
- FOR PUBLIC PLOTS SUBSTITUTE GRASSING OR GRASSING AT 15 LB/ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LB/ACRE AS THE SOILING EQUIPMENT WITHIN PERIOD BEING FOR THIS PERIOD IS MARCH 1 TO APRIL 30.

ROAD AND SEDIMENT CONTROL DETAILS

GWYUDYL OAK ESTATES

LOTS 1-40 AND PRESERVATION PARCELS 'A', 'B' AND 'C' AND RESIDUAL PARCELS 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z'

HOWARD COUNTY, MARYLAND

DEC. 27, 1993

SHEET 135 OF 220

AS BUILT 11-11-97

FISHER, COLLINS & CARTER, INC.

17051

7971 BALTHORE NATIONAL PKE. SUITE 100
ELICOTT CITY, MARYLAND 21042
(410) 461 - 2855

OWNER AND DEVELOPER

WHEELER DEVELOPMENT, Inc.

c/o LAURA A. WHEELER - PRES.
18205-D FLOWER HILL WAY
GATHERSBURG, MARYLAND 20879

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 CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 6/27/94
 SIGNATURE: [Signature]

DEVELOPER'S CERTIFICATE
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS 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 EROSION AND SEDIMENT 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.

DATE: 6/27/94
 SIGNATURE: [Signature]

APPROVED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS ALL REQUIREMENTS.
 DATE: 7/11/94
 SIGNATURE: [Signature]

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE: 7/11/94
 SIGNATURE: [Signature]

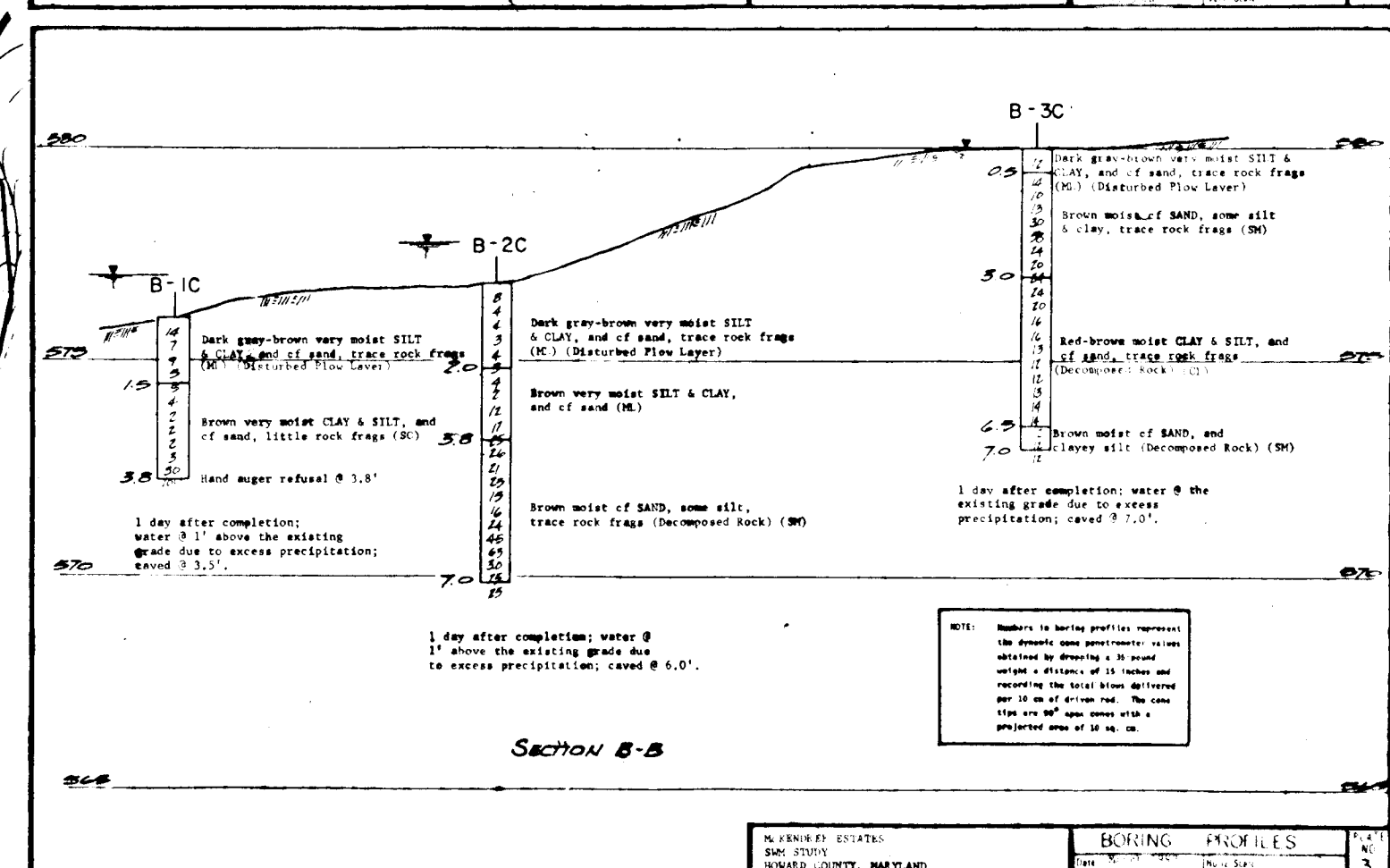
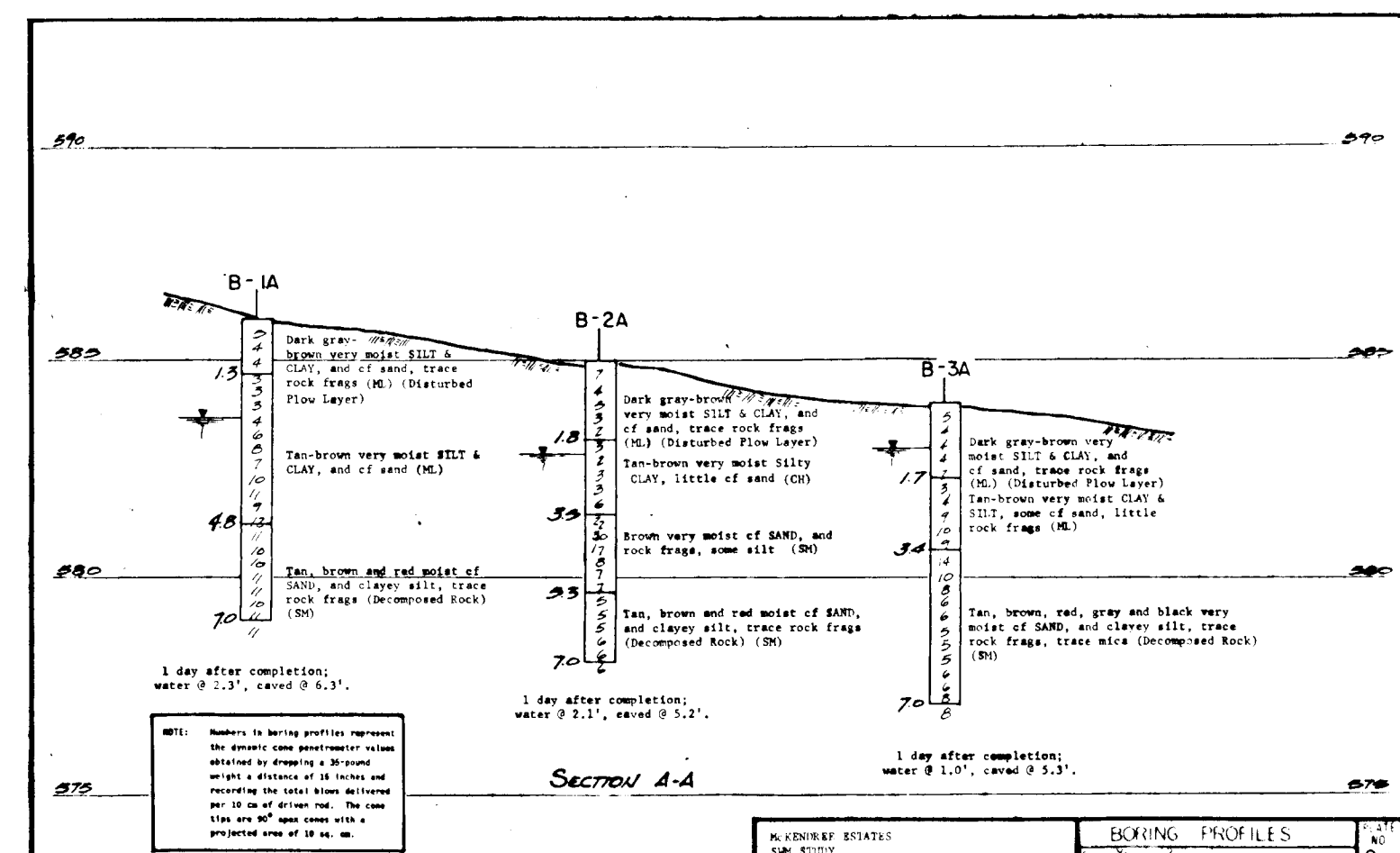
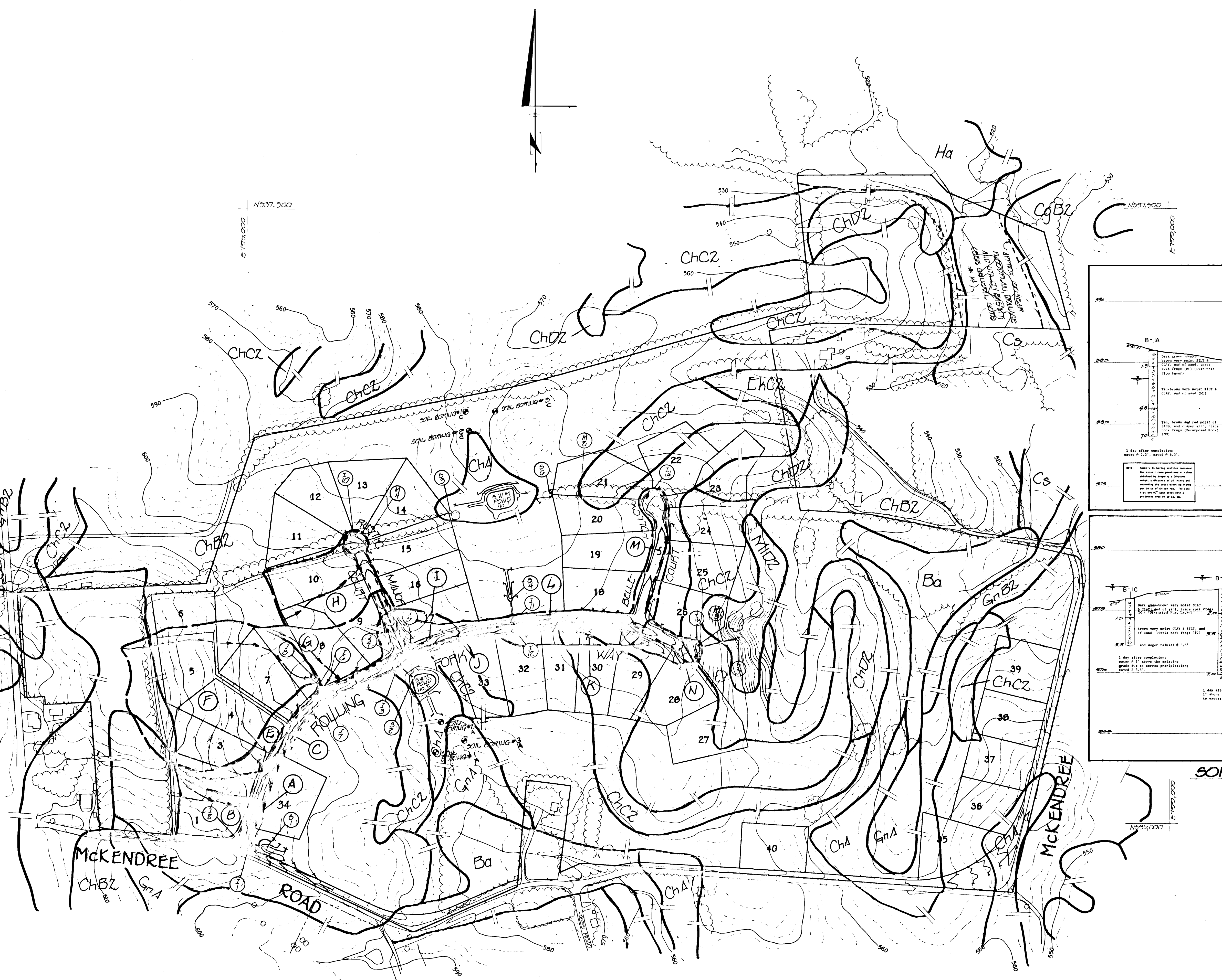
APPROVED DEPARTMENT OF PLANNING AND ZONING
 DATE: 7/20/94
 SIGNATURE: [Signature]

APPROVED DEPARTMENT OF PUBLIC WORKS
 DATE: 7/18/94
 SIGNATURE: [Signature]

APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 7/10/94
 SIGNATURE: [Signature]

DATE: 7-13-94
 SIGNATURE: [Signature]

DRAINAGE AREAS					
INLET	O.A.	AREA	'C'	SOILED	% IMP.
1-1	A	0.13 A.C.	0.30	RC	30%
1-2	B	1.58 A.C.	0.30	RC	20%
1-3	J	0.46 A.C.	0.40	RC	37%
1-4	G	2.34 A.C.	0.26	RC	15%
1-5	I	0.75 A.C.	0.36	RC	22%
1-6	L	1.07 A.C.	0.28	RC	16%
1-7	N	0.33 A.C.	0.42	RC	39%
1-8	I	1.02 A.C.	0.27	RC	16%
1-10	H	2.70 A.C.	0.24	RC	11%
1-11	L	0.45 A.C.	0.42	RC	40%
1-12	K	1.34 A.C.	0.32	RC	23%
1-13	N	0.41 A.C.	0.41	RC	34%
1-14	M	1.05 A.C.	0.41	RC	37%



SOIL BORING PROFILES
 SCALE: 1" = 4'
 V.P.E. 1" = 4'

DRAINAGE AREA & SOILS MAP AND SOIL BORING PROFILES
GWYLDYLL OAK ESTATES

LOTS 1-40 AND PRESERVATION PARCELS A, B, C AND RESIDUE PARCEL 'D'
 PARCEL 123
 FOURTH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 TAX MAP 14
 SCALE: AS SHOWN
 SHEET 14 OF 20
 DATE: DEC. 22, 1993
 AS BUILT 11-11-97

1705

FISHER, COLLINS & CARTER, INC.
 971 PAUL BRUNY NATIONAL PKWY. SUITE 300
 ELICOTT CITY, MARYLAND 21043
 (301) 481-2955

PLAN
 SCALE: 1" = 200'

OWNER / DEVELOPER
 WHEELER DEVELOPMENT INC.
 % LAURA A. WHEELER-PROSS
 10000-D FLOWER HILL WAY
 GANTHERSVILLE, MARYLAND 20877



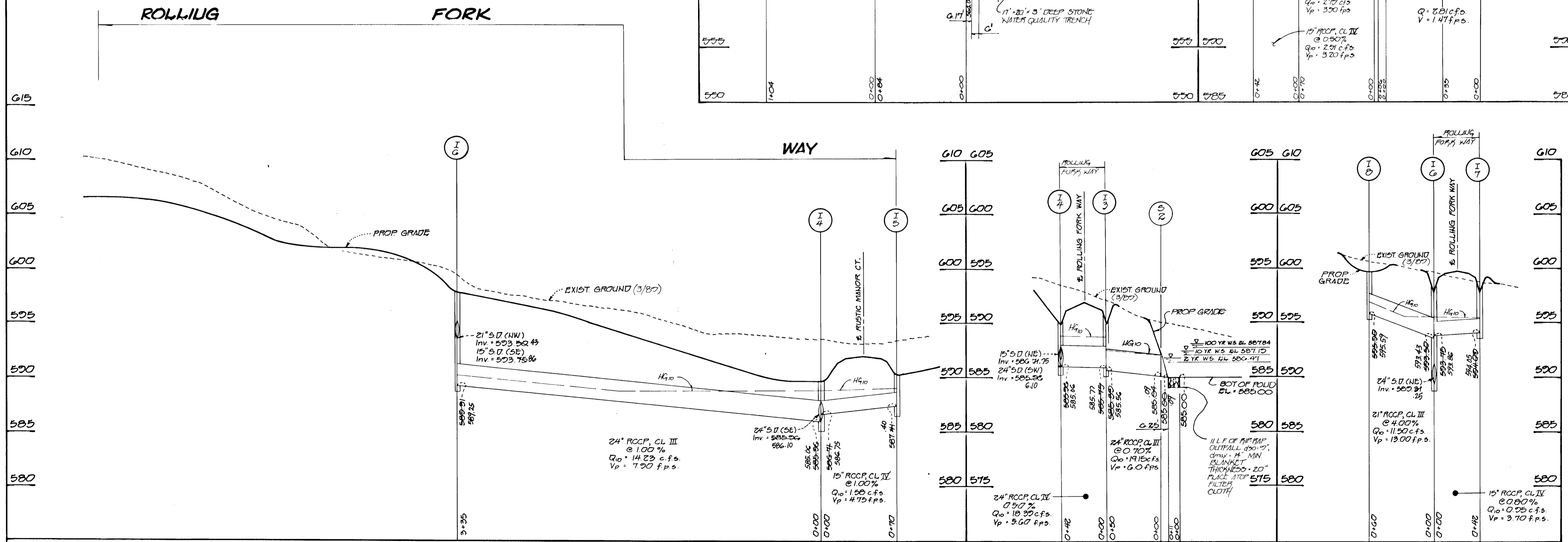
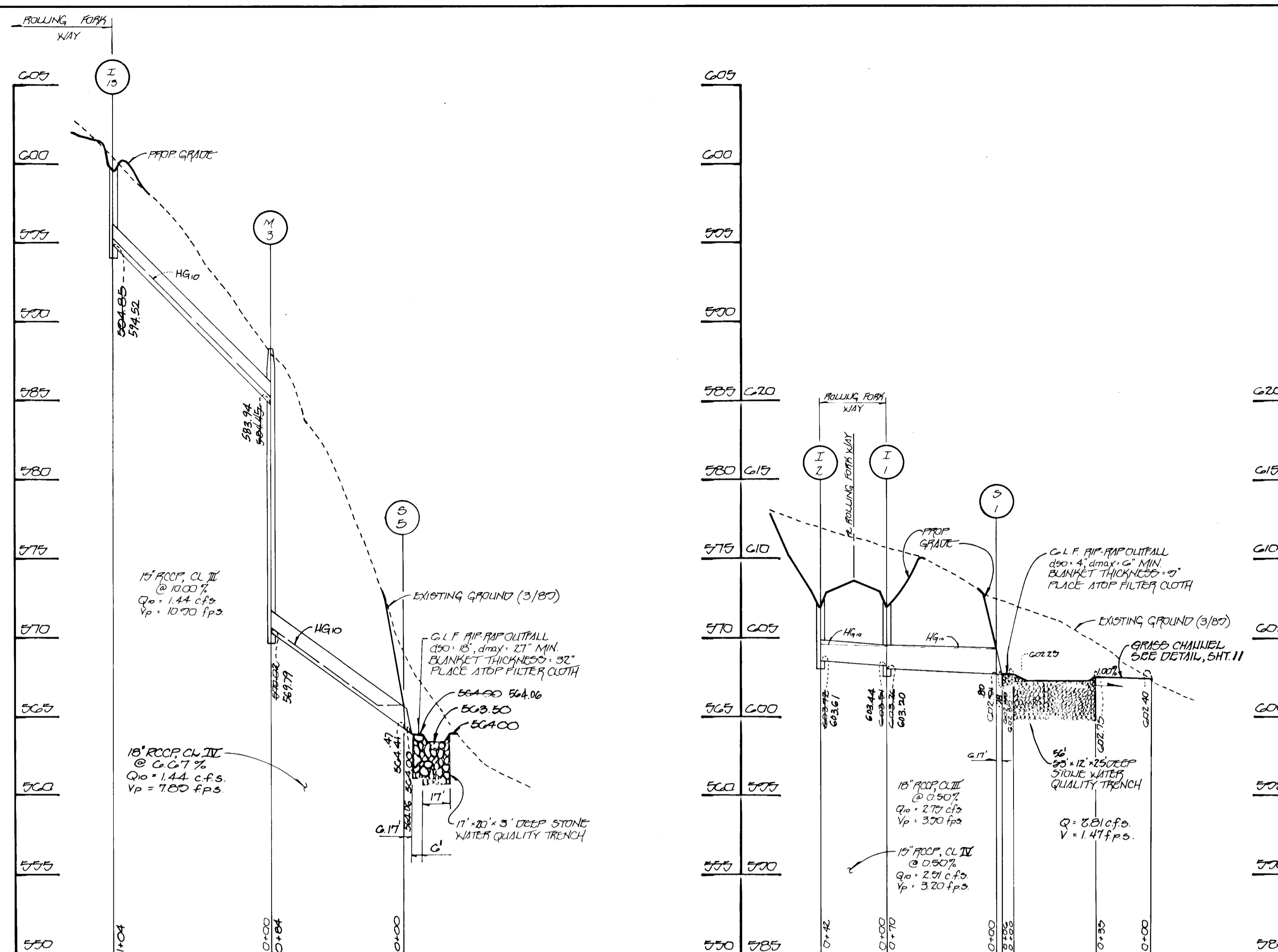
CHARLES J. CROVO, SR.
 DATE: 6/27/94

STRUCTURE SCHEDULE

STRUCTURE NO.	TOP ELEVATION	INV. IN	INV. OUT	ROAD NAME	E. ROAD STA.	OFFSET (FROM E. OF ROAD)	TYPE	REMARKS
I-1	* 608.24.06	603.24.44	603.24.20	ROLLING FORK WAY	4.574 0+51	21' RT	K' INLET / GRATE	5.0' 4.12.14.13
I-2	* 608.24.11	---	603.24.61	ROLLING FORK WAY	4.574 0+51	21' LT	K' INLET / GRATE	5.0' 4.12.14.13
I-3	* 590.24.77	587.24.77	585.24.96	ROLLING FORK WAY	4.574 10+70	21' RT	K' INLET / GRATE	5.0' 4.12.14.13
I-4	* 590.24.86	587.24.86	585.24.06	ROLLING FORK WAY	4.574 10+70	21' LT	K' INLET / GRATE	5.0' 4.12.14.13
I-5	* 590.24.43	---	587.24.40	ROLLING FORK WAY	4.574 11+40	21' LT	K' INLET / GRATE	5.0' 4.12.14.13
I-6	* 590.24.95	587.24.95	585.24.25	ROLLING FORK WAY	4.574 7+37	21' LT	K' INLET / GRATE	5.0' 4.12.14.13
I-7	* 590.24.05	---	584.24.05	ROLLING FORK WAY	4.574 7+37	21' RT	K' INLET / GRATE	5.0' 4.12.14.13
I-8	* 604.24.67	---	595.24.67	ROLLING FORK WAY	4.574 7+37	---	K' INLET / GRATE	5.0' 4.12.14.13
I-9	* 594.24.89	---	590.24.46	FUSTIC MANOR COURT	1.574 1+41.06	8' LT (L.P.)	K' INLET / GRATE	5.0' 4.12.14.13
I-10	* 590.24.12	590.24.67	590.24.47	ROLLING FORK WAY	4.574 10+72.02	21' LT	K' INLET / GRATE	5.0' 4.12.14.13
I-11	* 590.24.01	---	590.24.81	ROLLING FORK WAY	4.574 10+72.02	21' RT	K' INLET / GRATE	5.0' 4.12.14.13
I-12	* 604.24.35	---	594.24.35	ROLLING FORK WAY	1.574 1+11.33	8' LT (L.P.)	K' INLET / GRATE	5.0' 4.12.14.13
I-13	* 604.24.35	---	594.24.35	ROLLING FORK WAY	1.574 1+11.33	8' LT (L.P.)	K' INLET / GRATE	5.0' 4.12.14.13
I-14	* 604.24.35	---	594.24.35	ROLLING FORK WAY	1.574 1+11.33	8' LT (L.P.)	K' INLET / GRATE	5.0' 4.12.14.13
M-2	588.24.22	586.24.14	586.24.14	U586335.03 E 706346.20	---	---	STD. MH	4.5' 12
M-3	588.24.04	584.24.394	584.24.394	U586340.24 E 706351.17	---	---	STD. MH	4.5' 12
M-4	594.24.25	590.24.64	588.24.53	FUSTIC MANOR COURT	1.574 1+25	8' LT (L.P.)	STD. MH	4.5' 12
S-1	604.24.35	602.24.80	602.24.78	U584208.18 E 705071.08	---	---	CONC. END SECTION	5.0' 5.51
S-2	587.24.09	585.24.09	585.24.05	U586012.12 E 705050.00	---	---	CONC. END SECTION	5.0' 5.51
S-3	586.24.55	585.24.05	585.24.47	U586012.12 E 705050.00	---	---	CONC. END SECTION	5.0' 5.51
S-4	590.24.42	588.24.92	588.24.81	U586012.12 E 705050.00	---	---	CONC. END SECTION	5.0' 5.51
S-5	595.24.97	594.24.47	594.24.06	U586750.25 E 707012.85	---	---	CONC. END SECTION	5.0' 5.51
S-6	586.24.52	585.24.47	585.24.43	U586341.61 E 706280.55	---	---	CONC. END SECTION	5.0' 5.51

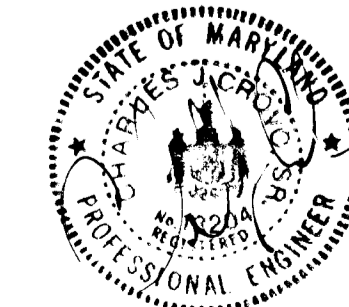
* DENOTES TOP OF GRATE ELEVATION OF 'K' INLET (5.0' 4.12) - 15' ABOVE INV. OF DITCH

NOTE: LINEAR PROFILE OF SLOPE FROM EDGE OF PAVING (E.P.)



PROFILES
SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

APPROVED
DEPARTMENT OF PUBLIC WORKS
Andrew M. Daulton 7/18/94
CHIEF, BUREAU OF HIGHWAYS
APPROVED
OFFICE OF PLANNING AND ZONING
Chris J. Johnson 7/20/94
CHIEF, BUREAU OF PLANNING AND ZONING



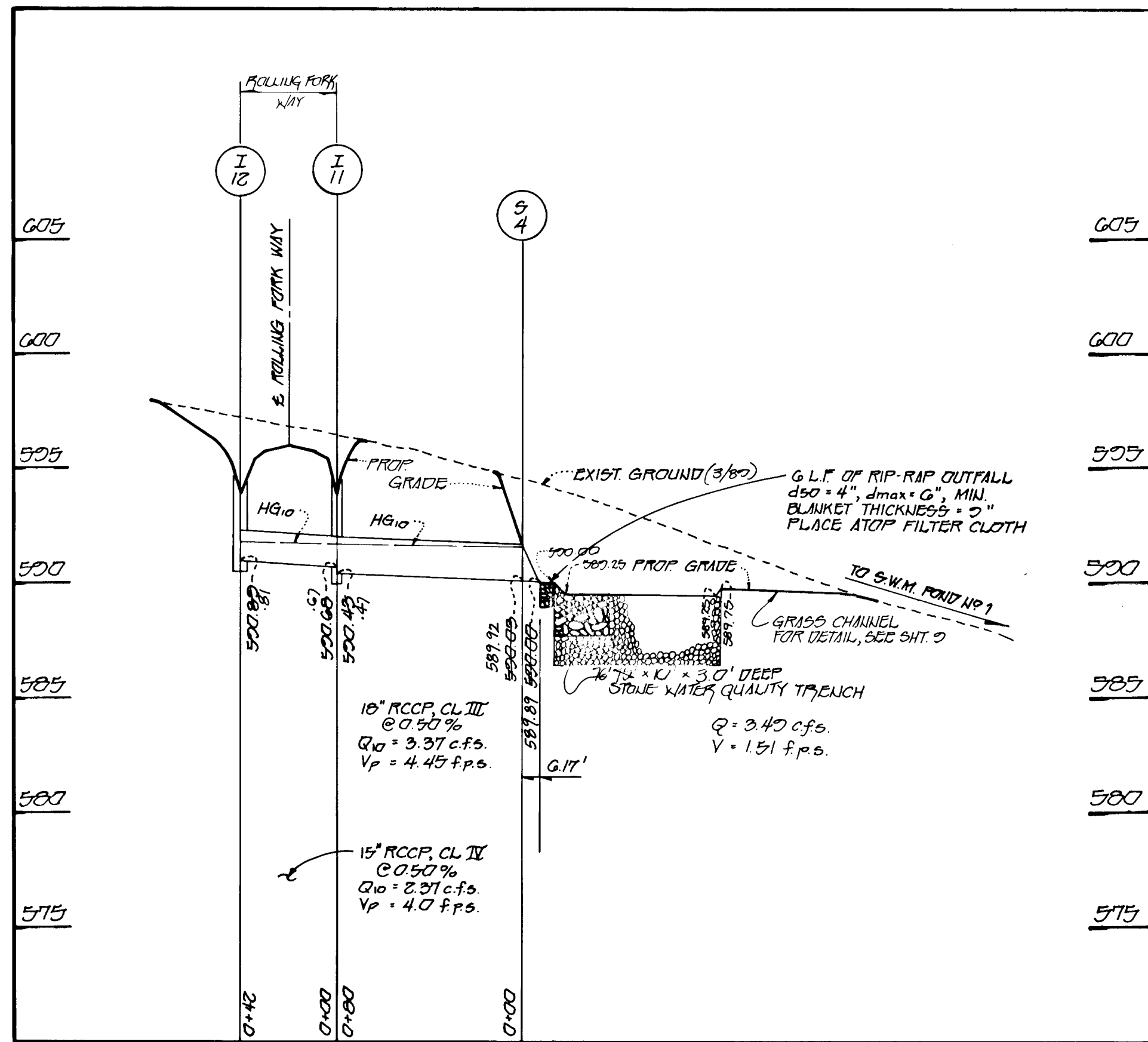
STORM DRAIN PROFILES
GWYLDYK OAK ESTATES
LOTS 1-40 AND PRESERVATION
PARCELS A, B, C
FOURTH ELECTION DISTRICT
TAX MAP 14
SCALE: AS SHOWN
SHEET 15 OF 20
DATE: DECEMBER 22, 1993
AS-BUILT 11-11-97

OWNER / DEVELOPER
WHEELER DEVELOPMENT INC.
5/4 LURA A WHEELER PRES
10000-D FLORENCE HILL WAY
GAITHERSBURG, MARYLAND 20878

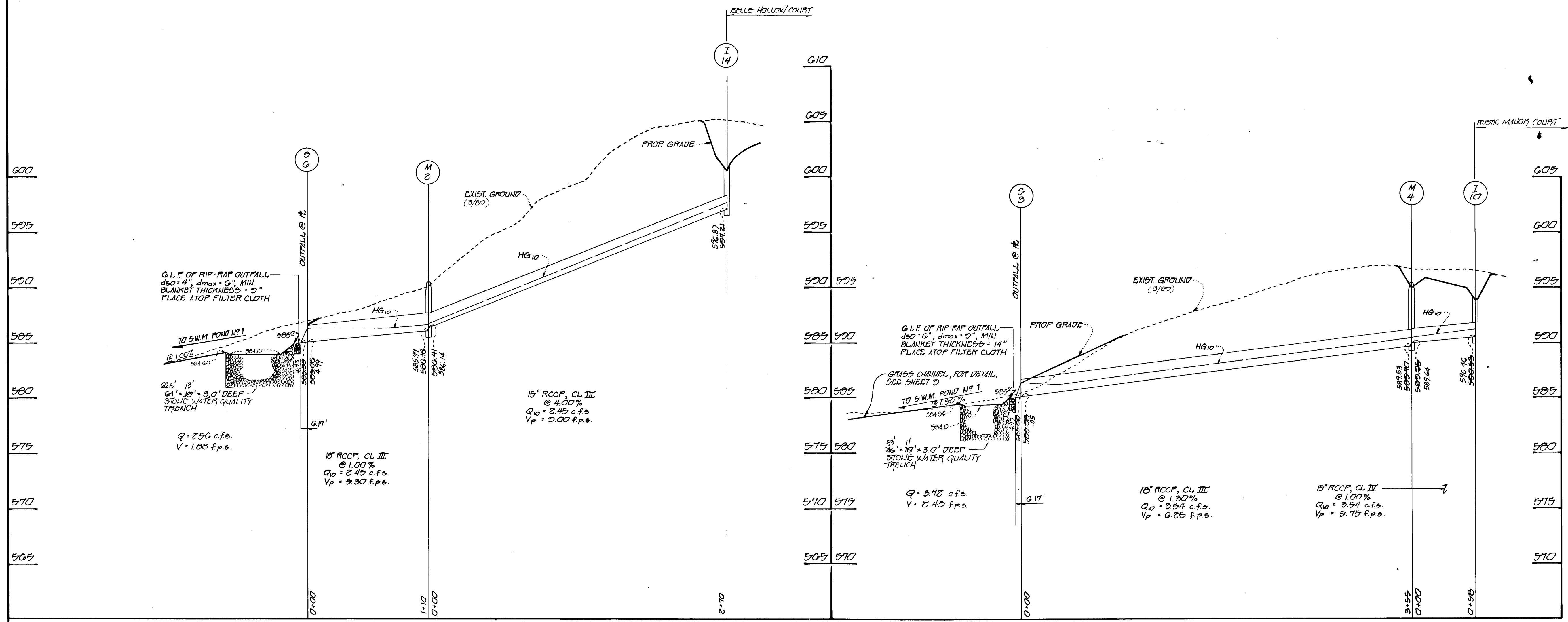
FISHER, COLLINS & CARTER, INC.
70 BALTIMORE NATIONAL PKW. SUITE 100
ELLSWORTH CITY, MARYLAND 21117
410-331-1000

1705

APPROVED
 DEPARTMENT OF PUBLIC WORKS
Robert J. Dameron 7/18/94
 CHIEF, LAND DEVELOPMENT DIVISION
Andrew M. Damer 7/13/94
 CHIEF, BUREAU OF HIGHWAYS
Paul J. Segan 7/18/94
 CHIEF, BUREAU OF ENGINEERING
 APPROVED
 OFFICE OF PLANNING AND ZONING
Alina Strummary 7/20/94
 CHIEF, DIVISION OF LAND USE & DEVELOPMENT
 PLANNING



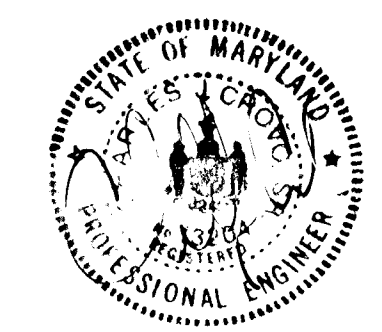
PROFILE
 SCALE HORIZ. 1"=50'
 VERT. 1"=5'



PROFILES
 SCALE HORIZ. 1"=50'
 VERT. 1"=5'

STORM DRAIN PROFILES
GWYLDYL OAK ESTATES

LOTS 1-40 AND PRESERVATION
 PARCELS A, B, & C
 AND RESIDUE PARCEL 13
 HOWARD COUNTY, MARYLAND
 PARCEL 123
 FOURTH ELECTION DISTRICT
 TAX MAP 14
 SCALE 1" AS SHOWN
 SHEET 16 OF 20 AS-BUILT 11-11-97



OWNER / DEVELOPER
 WHEELER DEVELOPMENT INC.
 % LAURA A. WHEELER-PRO.
 10009-17 FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878

FISHER, COLLINS & CARTER, INC.
 571 BALTIC NATIONAL PIKE, SUITE 100
 ELLETTT CITY, MARYLAND 21115
 410-418-1200

1705

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 CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE OF ENGINEER: *[Signature]* DATE: 6/27/94

DEVELOPER'S CERTIFICATE
 I HEREBY 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 EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC OR SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.
 SIGNATURE OF DEVELOPER: *[Signature]* DATE: 7/11/94

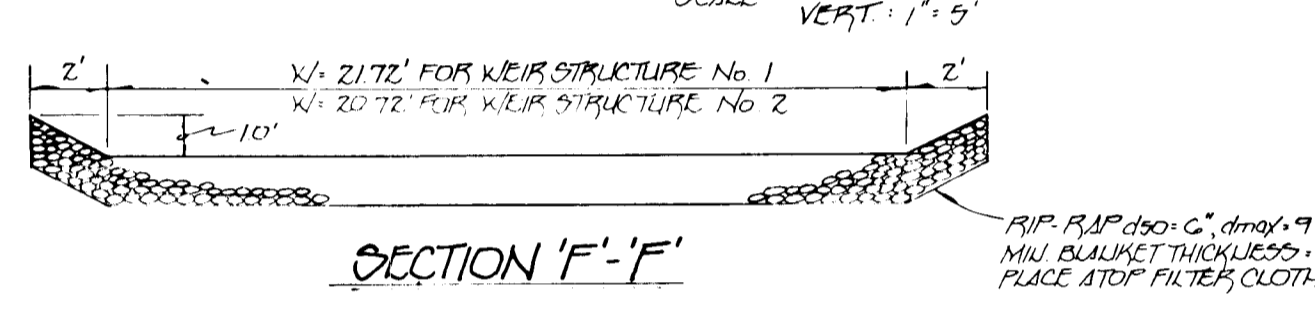
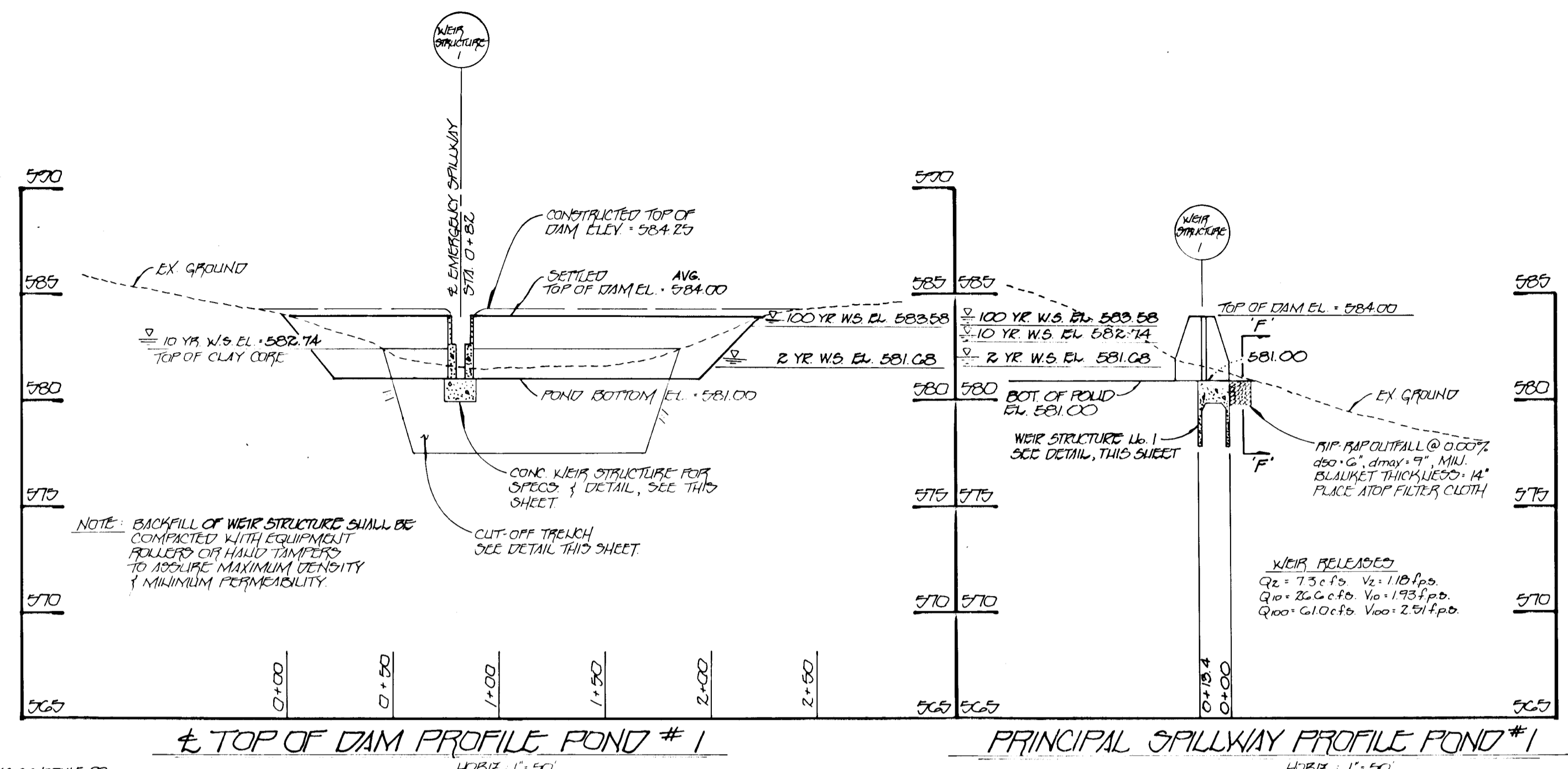
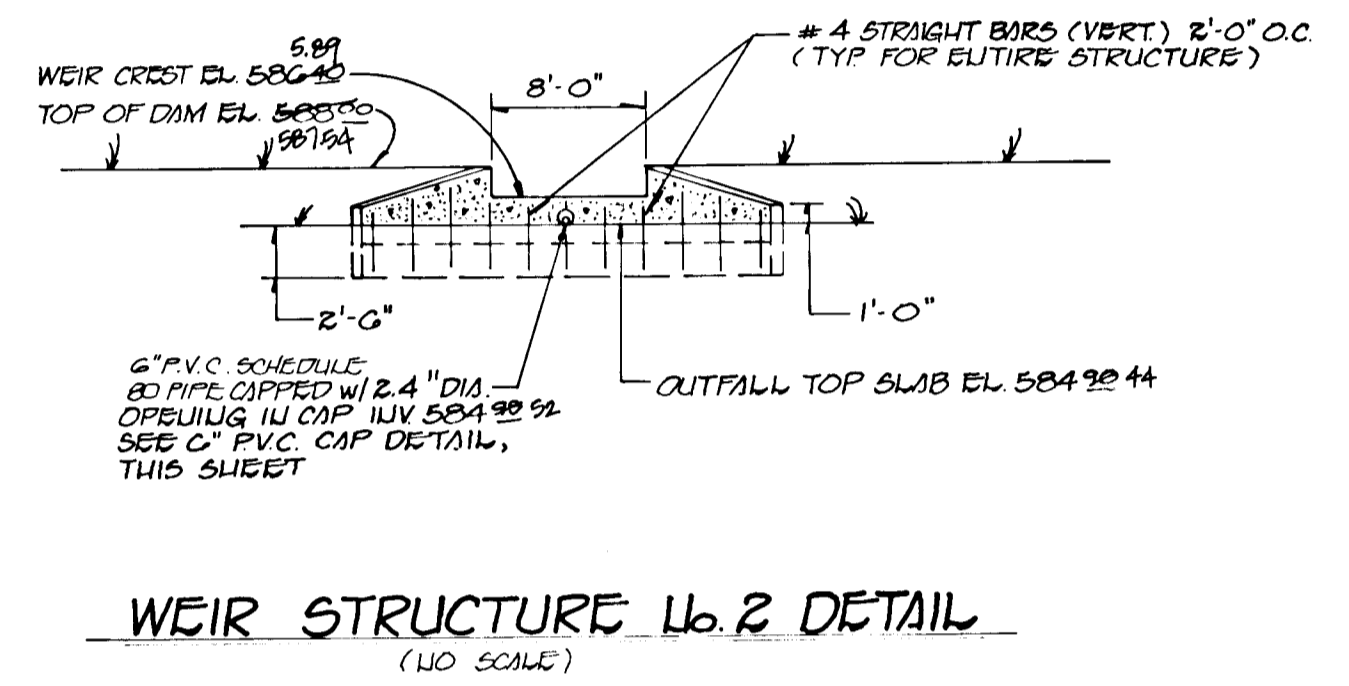
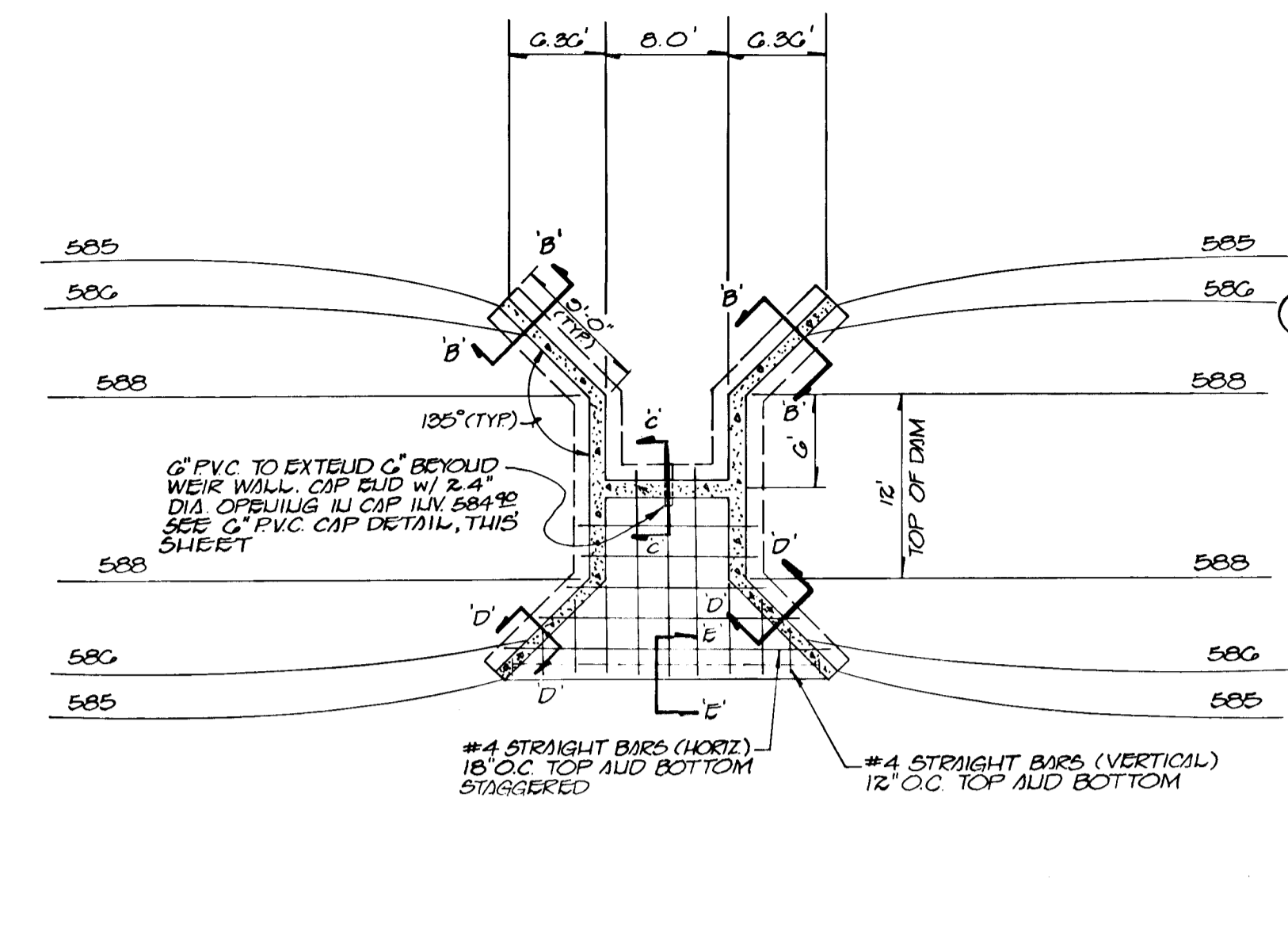
REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS:
 SIGNATURE: *[Signature]* DATE: 7/11/94

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE: *[Signature]* DATE: 7/14/94

APPROVED DEPARTMENT OF PLANNING AND ZONING:
 SIGNATURE: *[Signature]* DATE: 7/20/94

APPROVED DEPARTMENT OF PUBLIC WORKS:
 SIGNATURE: *[Signature]* DATE: 7/18/94

APPROVED DEPARTMENT OF PUBLIC WORKS:
 SIGNATURE: *[Signature]* DATE: 7/13/94



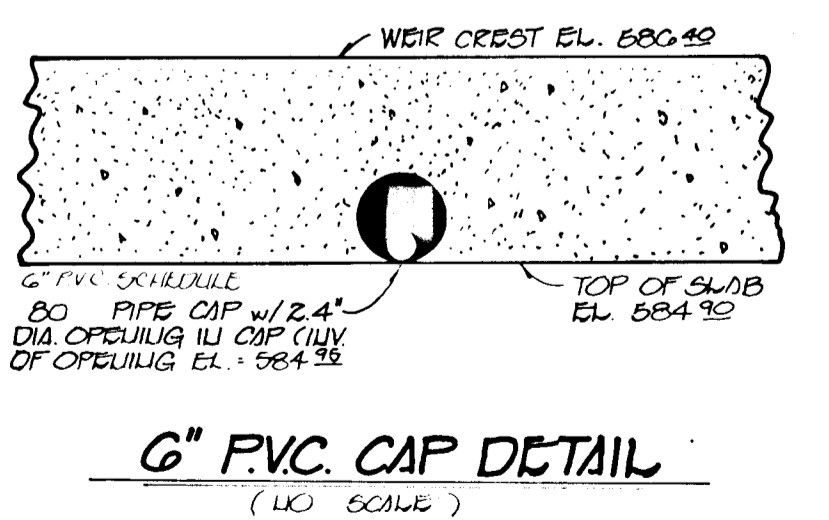
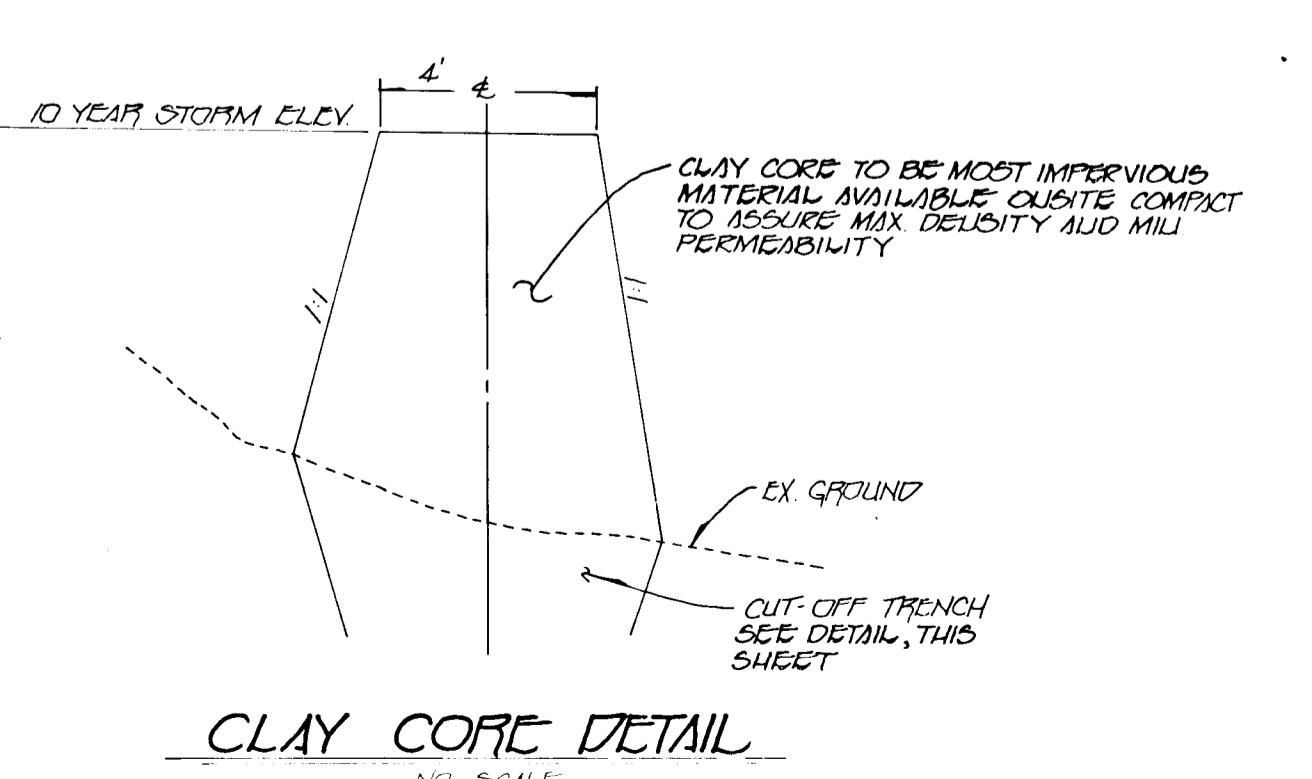
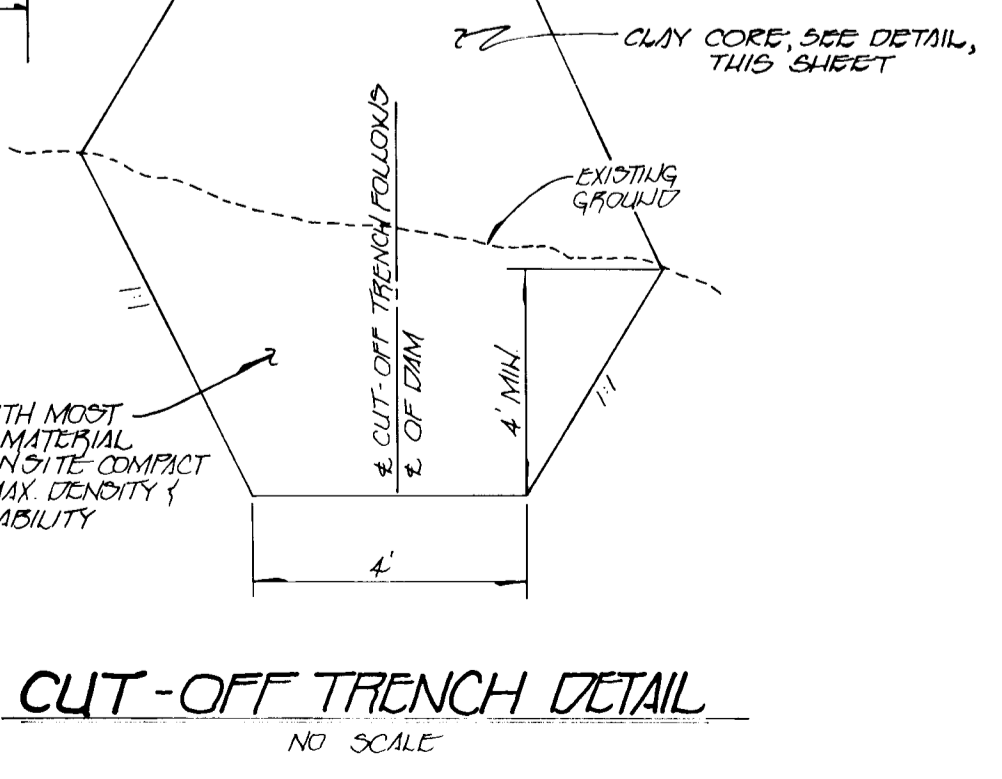
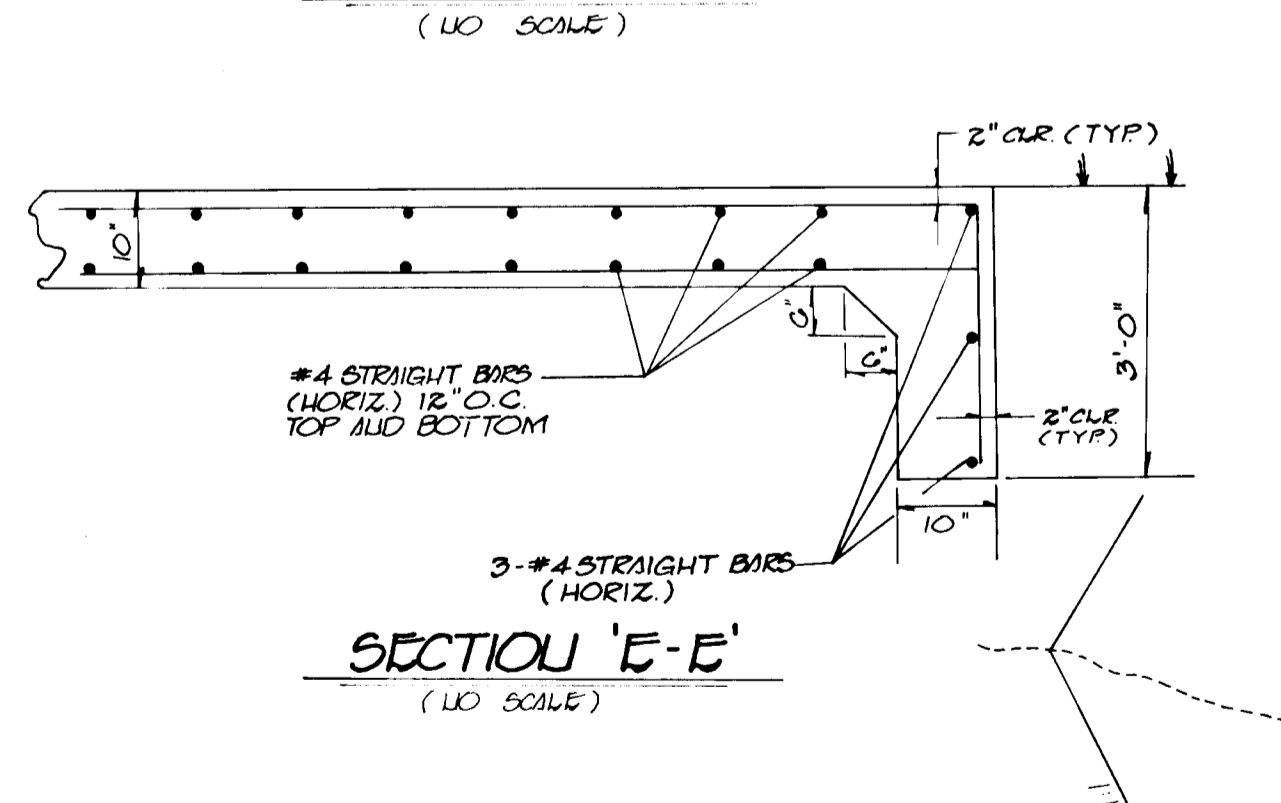
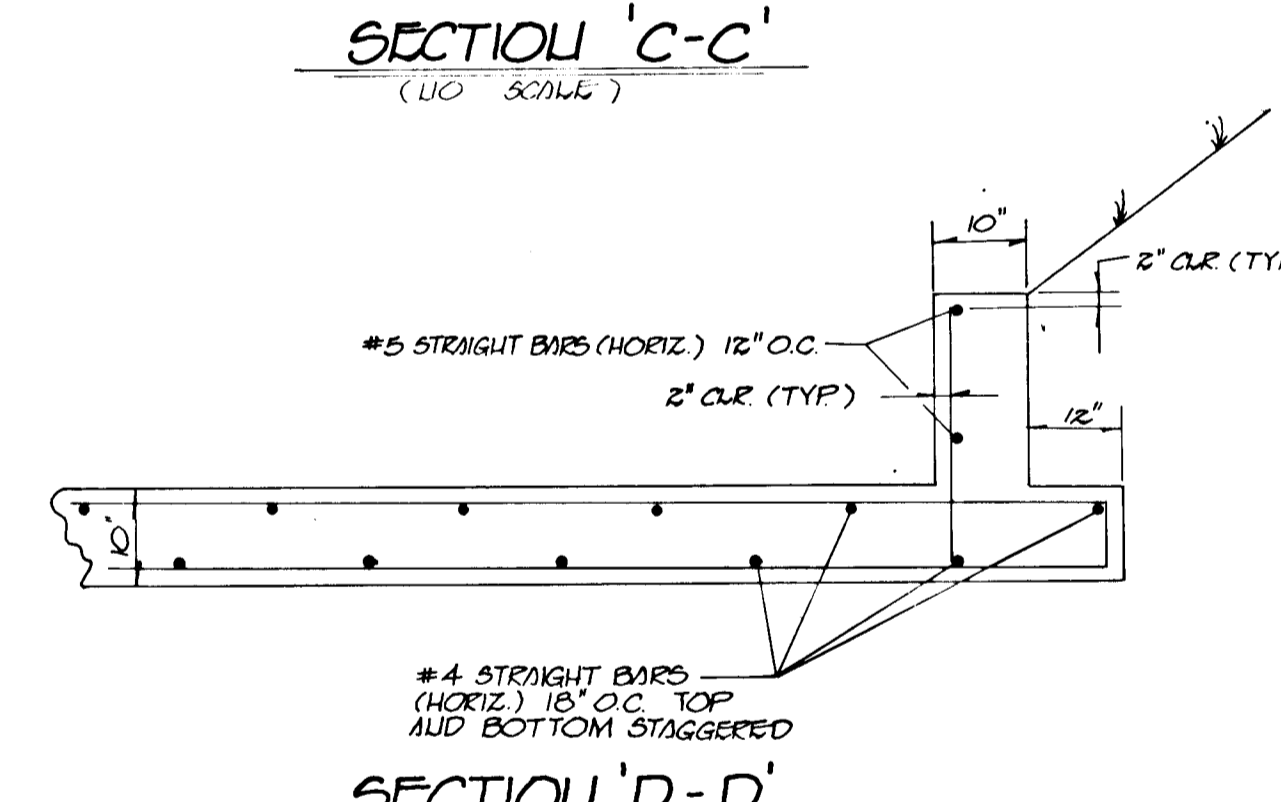
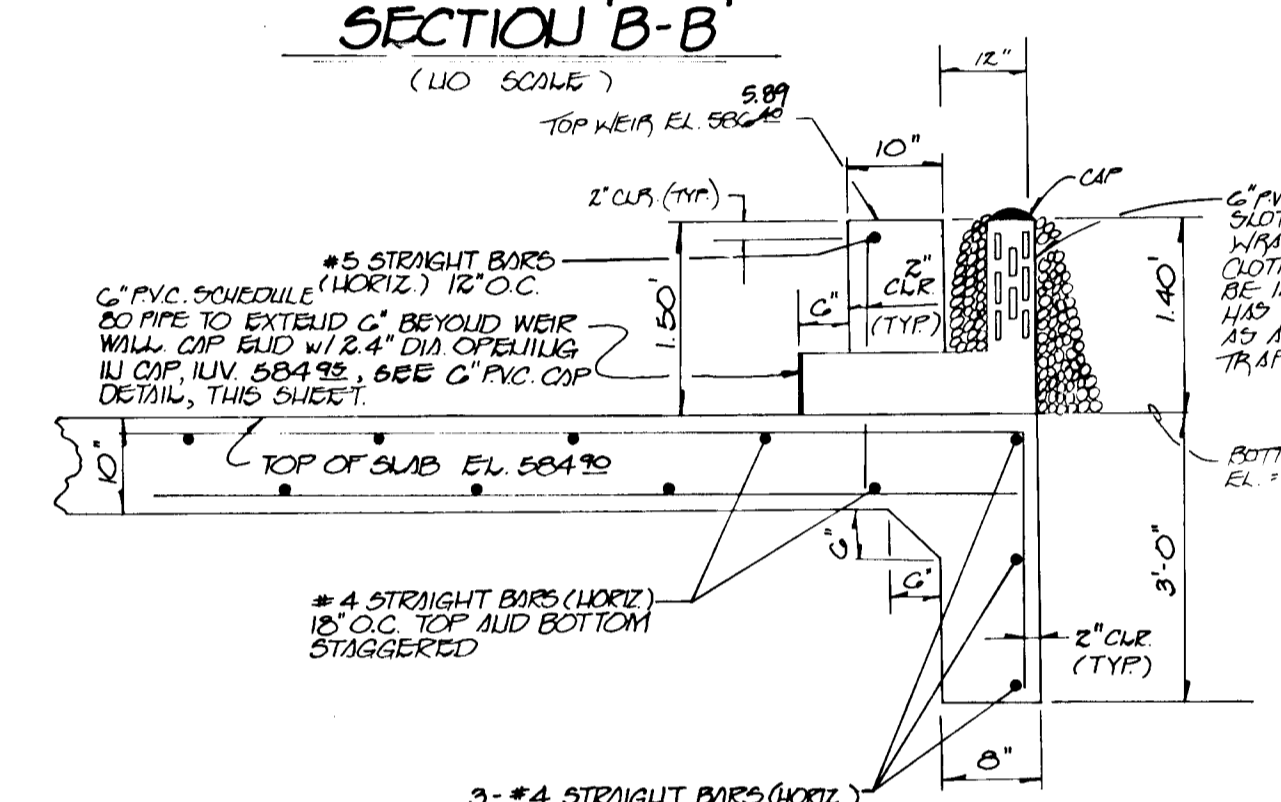
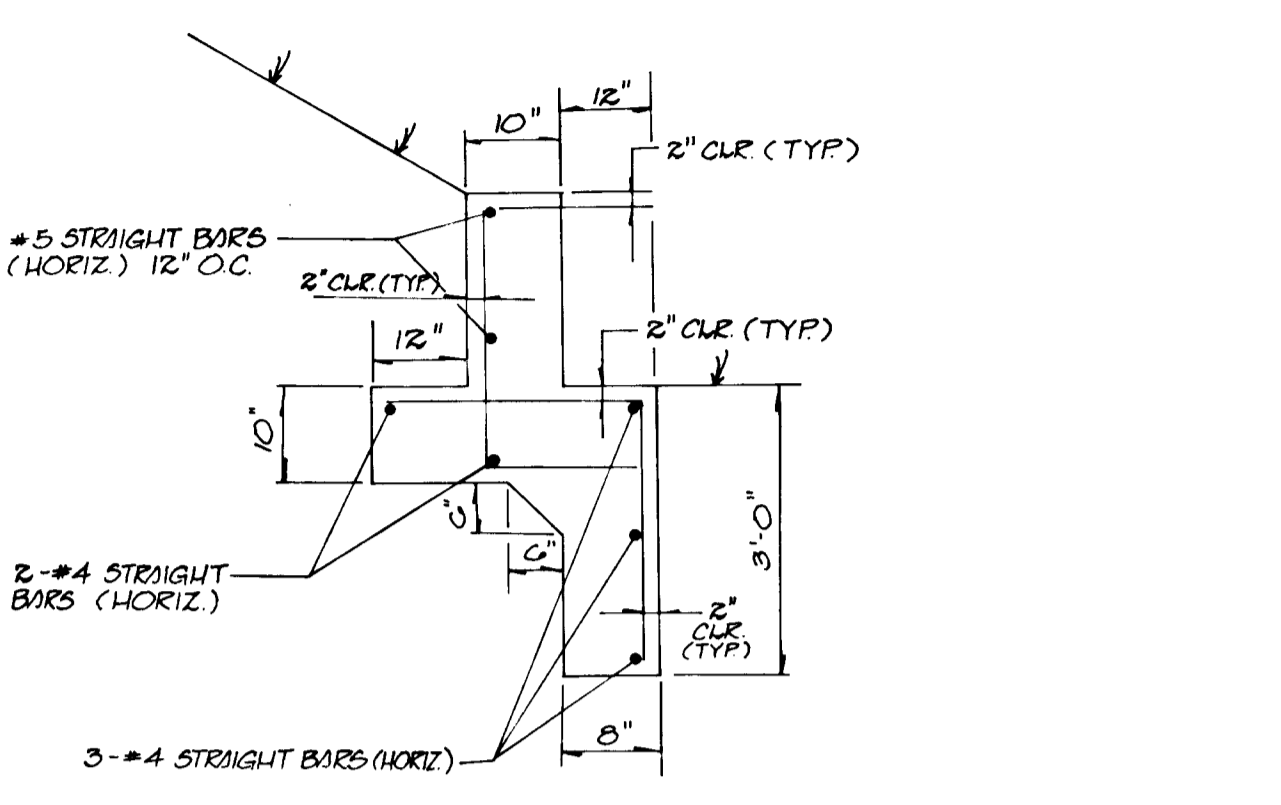
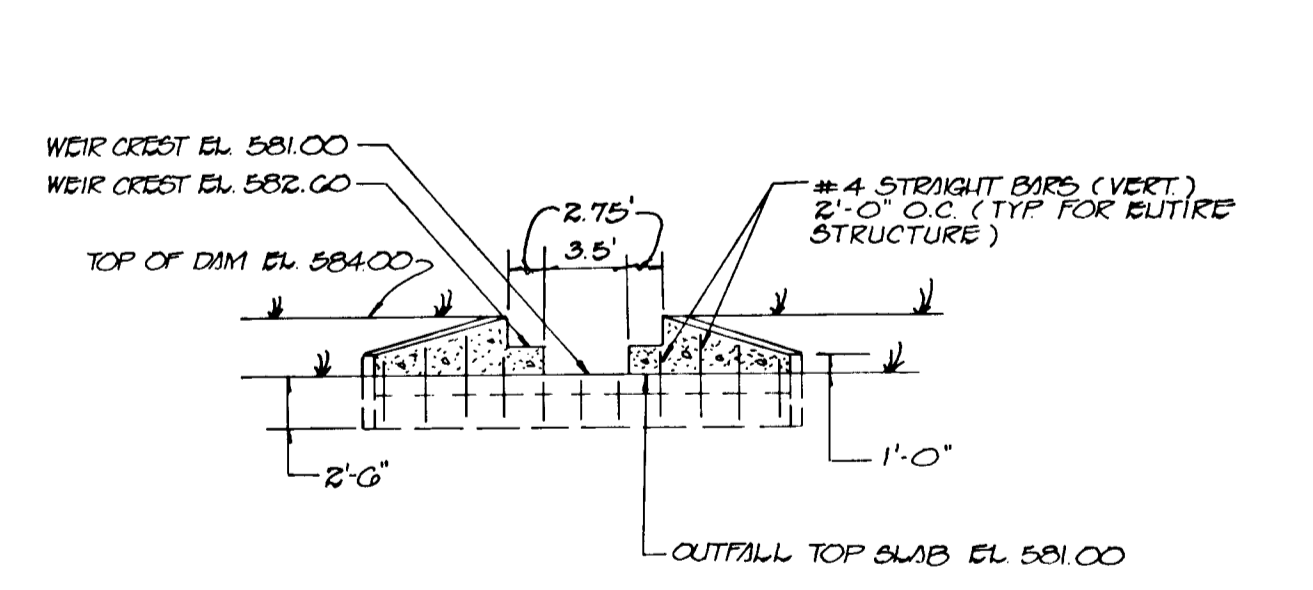
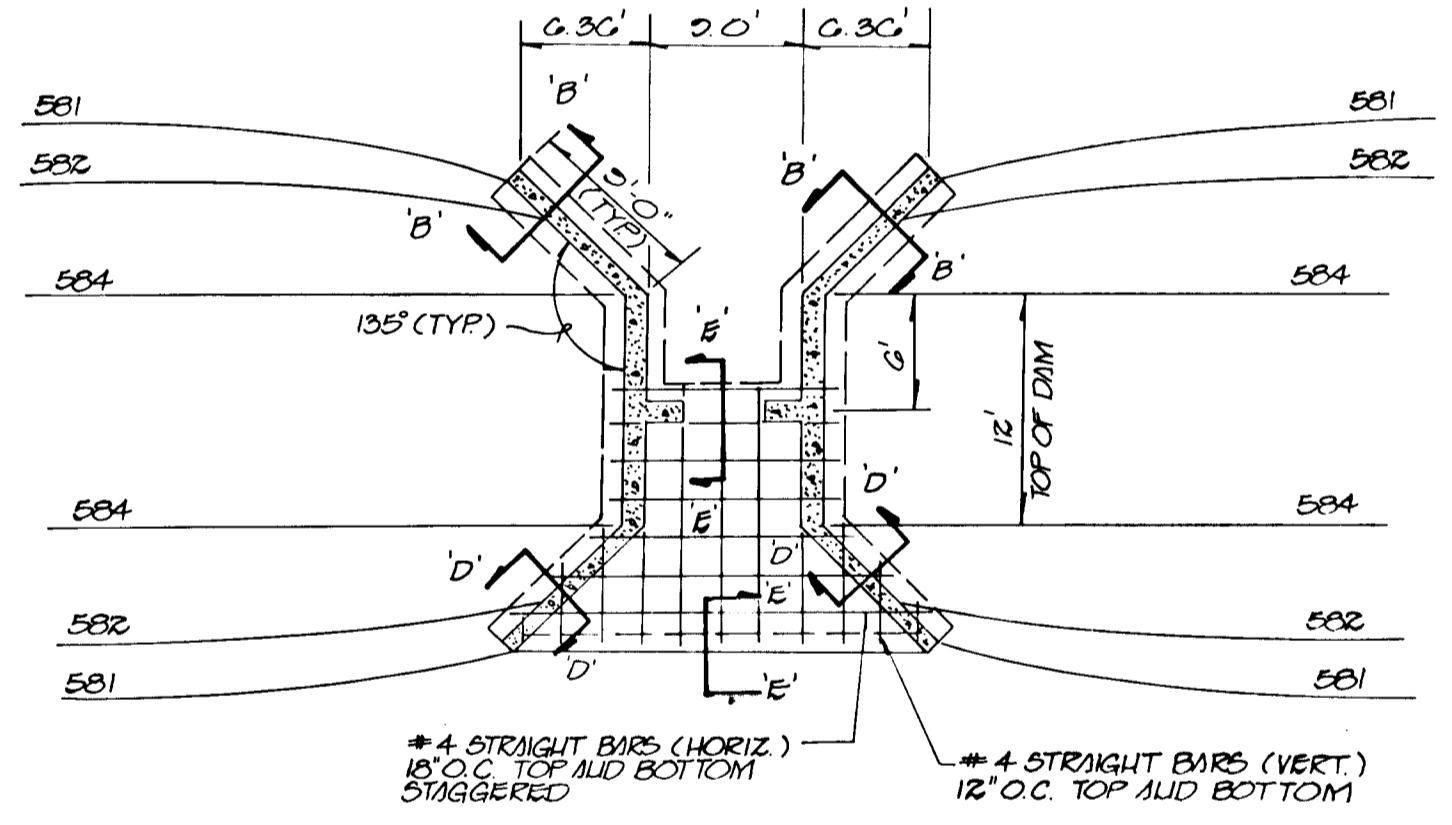
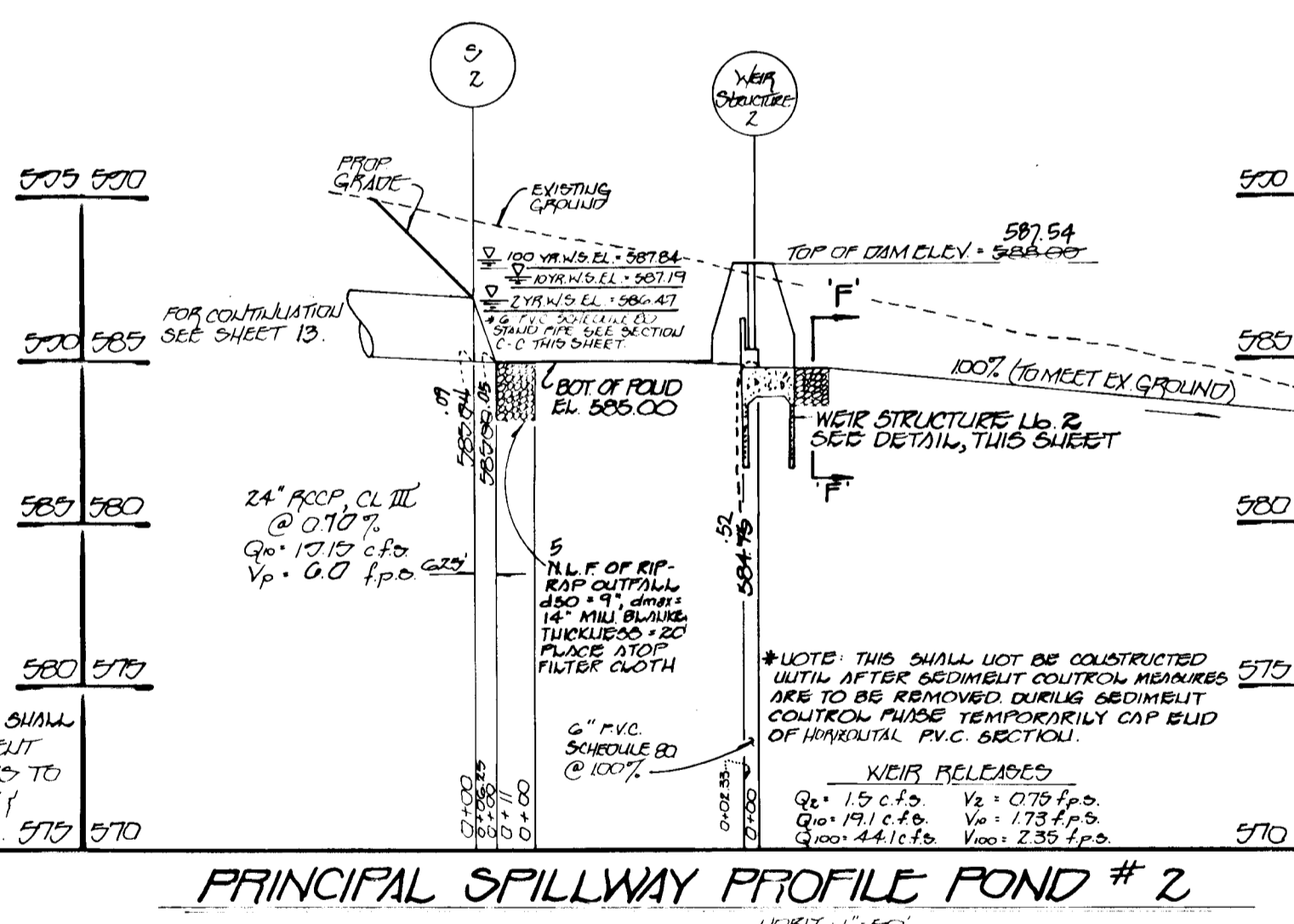
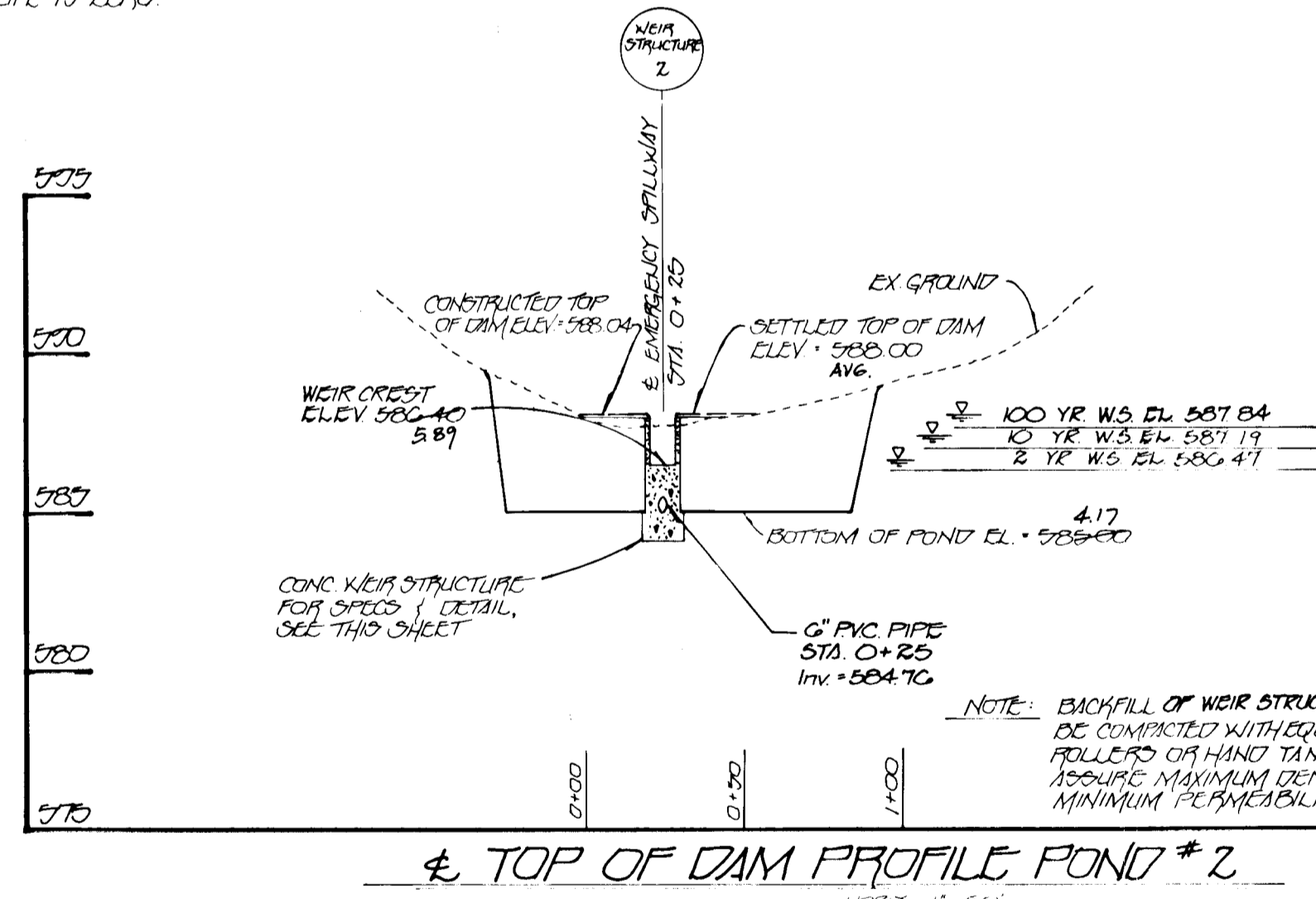
WEIR STRUCTURE No. 1

STORM FREQUENCY	W	DEPTH (d)	AREA	WETTED PERIMETER	*SLOPE (H1/H2)	n	VELOCITY	Q (cfs)
2 YR Q = 7.3 cfs	21.72'	0.30'	6.70 #	23.06'	0.004	0.035	1.18 f.p.s	7.9 cfs ± 7.0 cfs
10 YR Q = 26.6 cfs	21.72'	0.95'	14.96 #	24.63'	0.004	0.035	1.93 f.p.s	28.87 cfs ± 26.6 cfs
100 YR Q = 61.0 cfs	21.72'	1.0'	23.72 #	26.19'	0.004	0.035	2.51 f.p.s	59.54 cfs ± 61.0 cfs

* NOTE: A SLOPE IS NECESSARY TO PERFORM MULLING & EQUATION THE ACTUAL SLOPE TO 2:100.

WEIR STRUCTURE No. 2

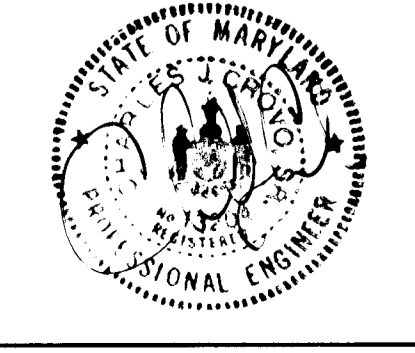
STORM FREQUENCY	W	DEPTH (d)	AREA	WETTED PERIMETER	*SLOPE (H1/H2)	n	VELOCITY	Q (cfs)
2 YR Q = 1.9 cfs	20.72'	0.15'	3.15 #	21.39'	0.004	0.035	0.75 f.p.s	2.36 cfs ± 1.9 cfs
10 YR Q = 19.1 cfs	20.72'	0.55'	12.00 #	23.16'	0.004	0.035	1.73 f.p.s	20.76 cfs ± 19.1 cfs
100 YR Q = 44.1 cfs	20.72'	0.90'	20.27 #	24.74'	0.004	0.035	2.35 f.p.s	47.63 cfs ± 44.1 cfs



1705

FISHER, COLLINS & CARTER, INC.
 471 BALTIMORE NATIONAL PLACE, SUITE 100
 ELLETTTS CITY, MARYLAND 21114
 (410) 528-2855

OWNER / DEVELOPER
 WHEELER DEVELOPMENT, INC.
 1/2 LAURA A. WHEELER-PIRES
 10200-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878



STORM WATER MANAGEMENT FOND
 No. 1 & 2 PROFILES & DETAILS
GWYLDYL OAK ESTATES
 LOTS 1-40 AND PRESERVATION
 PARCELS A, B, & C
 AND RESIDUE PARCEL 10
 FOURTH ELECTION DISTRICT
 PARCEL 123
 TAX MAP 14
 SCALE: AS SHOWN
 SHEET 17 OF 20
 DATE: DECEMBER 22, 1993
 AS-BUILT 11-11-97
 F94-02

Approved: Department of Planning and Zoning
 Date: 7/20/94
 Approved: Department of Public Works
 Date: 7/18/94
 Approved: Howard County Department of Public Works
 Date: 7/18/94
 Date: 7-13-94

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
 FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEPARTMENT OF PUBLIC WORKS DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$15,000

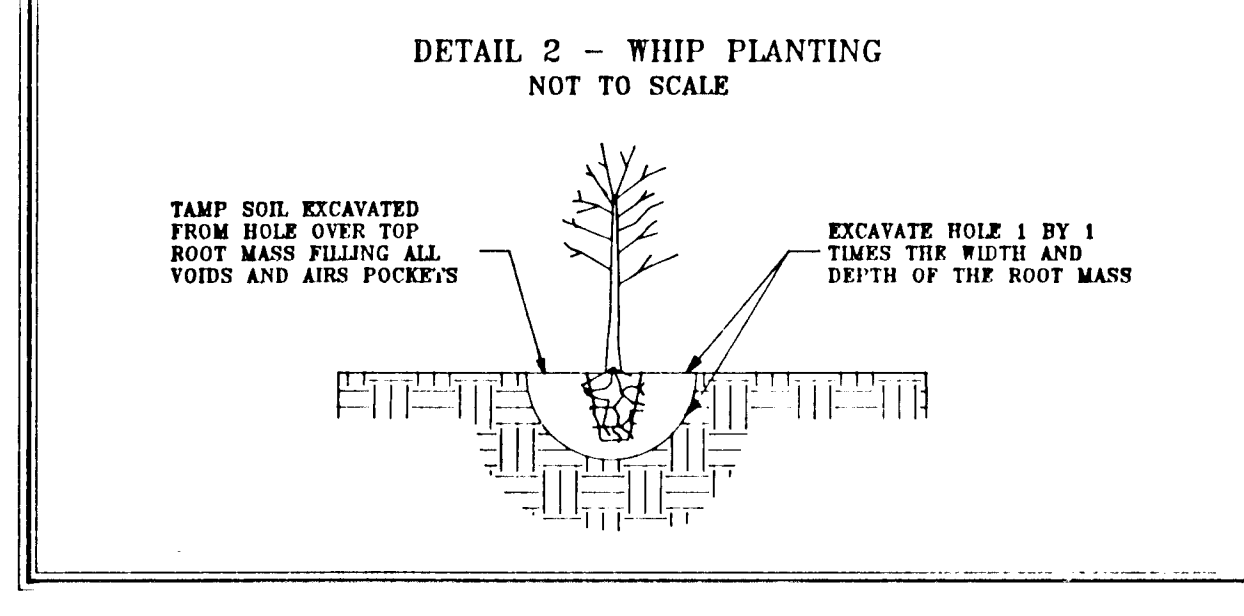
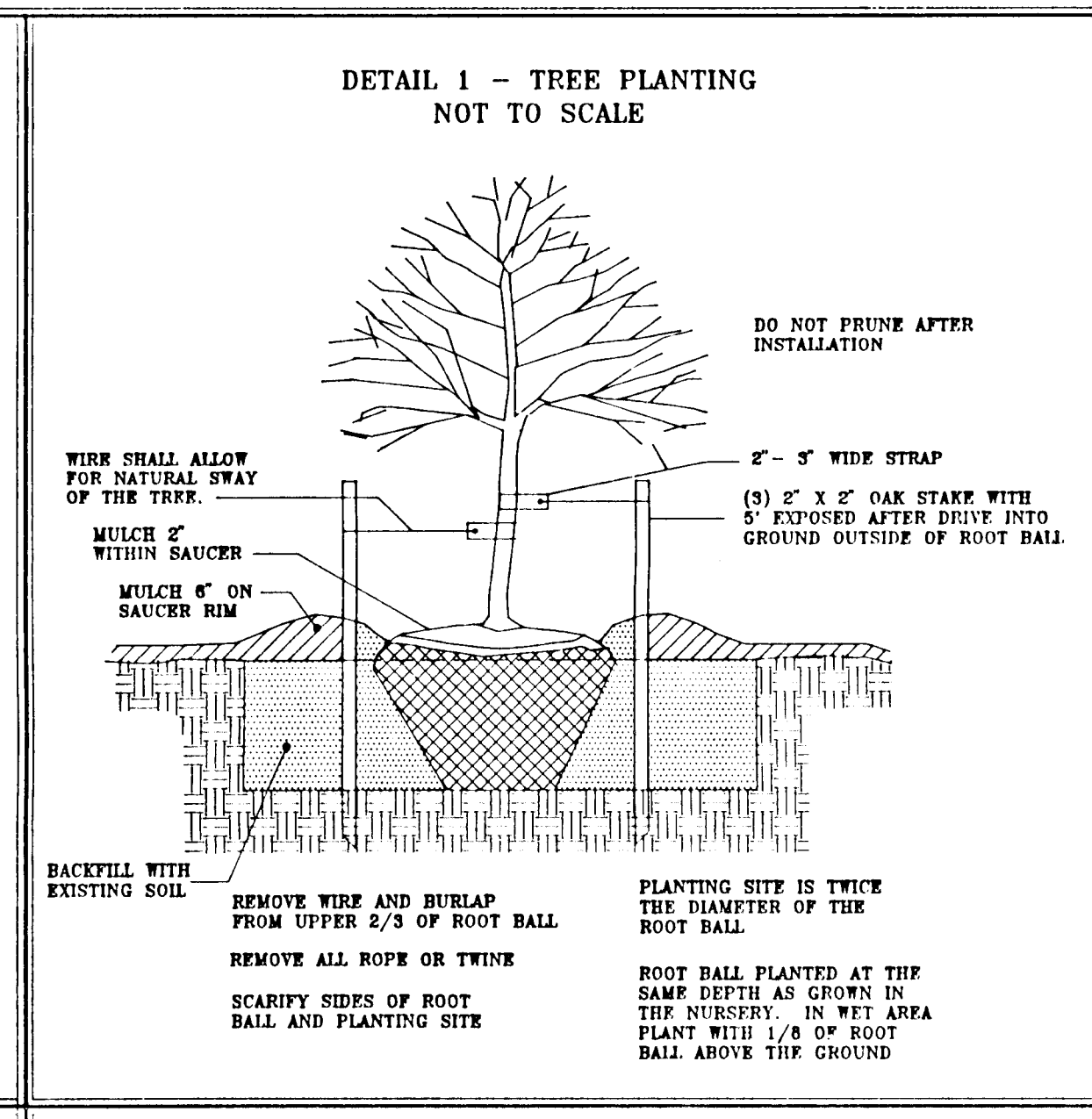
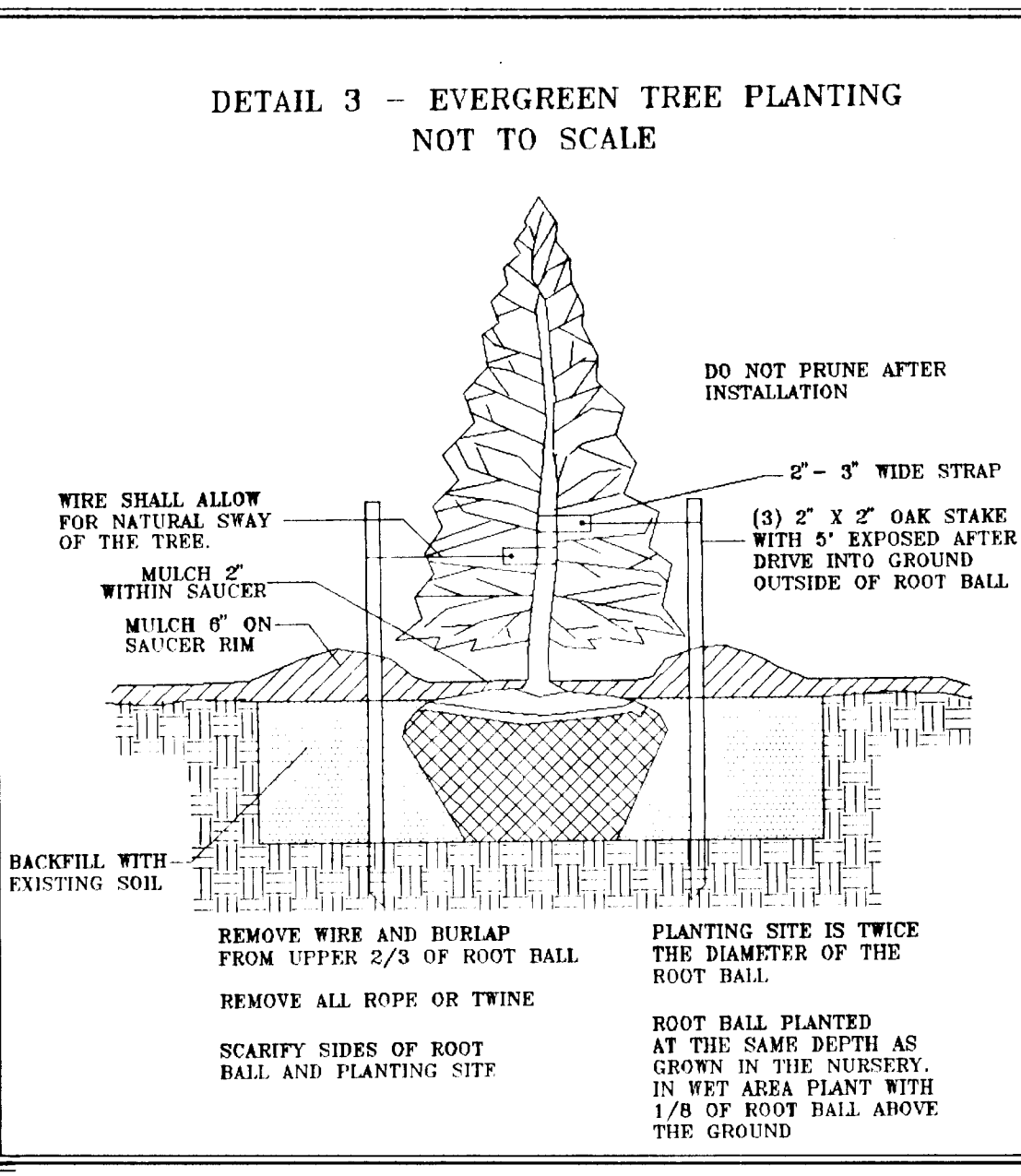
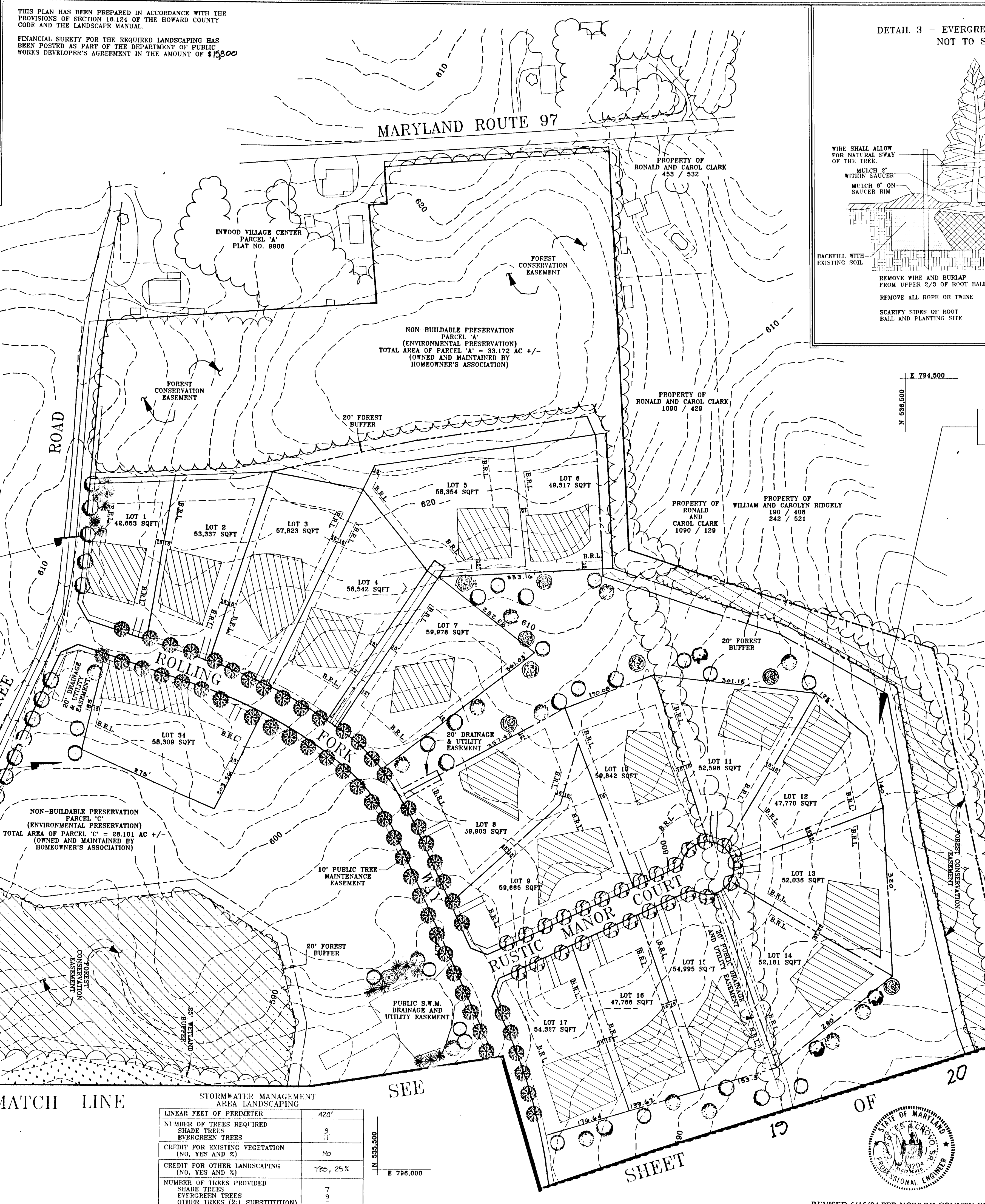
AREA 1: TYPE 'A' BUFFER CONSISTING OF 1 TREE PER 60 LINEAR FEET. 663.56 LINEAR FEET REAR YARD OF SINGLE FAMILY DETACHED TO OPEN SPACE - 478.56 LINEAR FEET BACKING TO EXISTING VEGETATION / 60 LINEAR FEET = 3 TREES REQUIRED. 3 TREES ARE PROVIDED.

AREA 2: TYPE 'A' BUFFER CONSISTING OF 1 TREE PER 60 LINEAR FEET. 3,100.75 LINEAR FEET REAR YARD OF SINGLE FAMILY DETACHED TO OPEN SPACE - 686 LINEAR FEET BACKING TO EXISTING VEGETATION / 60 LINEAR FEET = 42 TREES REQUIRED. 42 TREES ARE PROVIDED.

AREA 3: TYPE 'B' BUFFER CONSISTING OF 1 SHADE TREE PER 50 LINEAR FEET AND 1 EVERGREEN TREE PER 40 LINEAR FEET. 240 LINEAR FEET SIDE YARD OF SINGLE FAMILY DETACHED TO OPEN SPACE / 50 LINEAR FEET = 5 SHADE TREES REQUIRED. 5 SHADE TREES ARE PROVIDED. 240 LINEAR FEET SIDE YARD OF SINGLE FAMILY DETACHED TO OPEN SPACE / 40 LINEAR FEET = 6 EVERGREEN TREES REQUIRED. 6 EVERGREEN TREES ARE PROVIDED.

STREET TREES ARE PROVIDED ALONG MCKENDREE ROAD, ROLLING FORK WAY, AND RUSTIC MANOR COURT. THERE ARE NO SIDEWALKS AND THESE TREES ARE TO BE INSTALLED WITHIN THE 10 FOOT PLANTING STRIP RIGHT OF WAY ON APPROXIMATELY 40 FOOT CENTERS. NO TREES ARE TO BE PLANTED IN ROAD DRAINAGE SWALES.

STREET TREES ARE AS FOLLOWS:
 MCKENDREE ROAD - 440.75 L.F. / 40 L.F. = 11 TREES REQUIRED
 11 PROPOSED ACER RUBRUM 'SUNSET' + 249.39 L.F. OF EXISTING VEGETATION + 409 L.F. OF PROPOSED AFForestation.
 ROLLING FORK WAY - 2,242 L.F. / 40 L.F. = 56 TREES REQUIRED
 56 PROPOSED ACER RUBRUM 'OCTOBER GLORY'
 RUSTIC MANOR COURT - 1,030 L.F. / 40 L.F. = 25 TREES REQUIRED. 25 PROPOSED PLATANUS OCCIDENTALIS



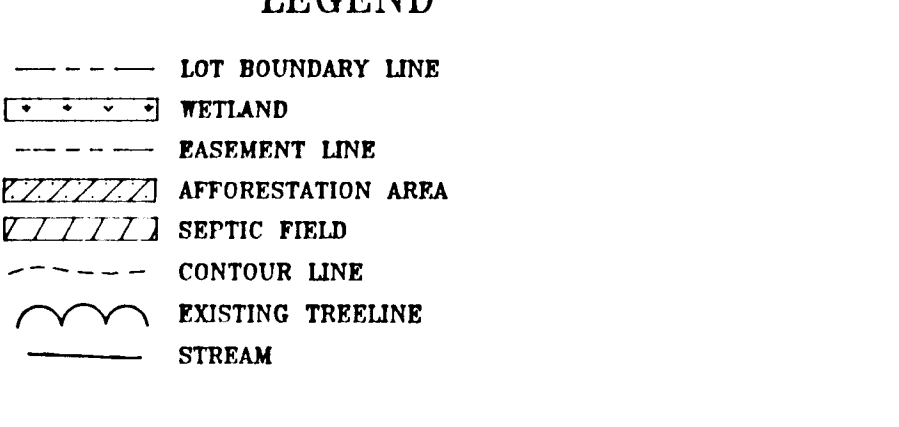
AREA 2

AREA 3

AREA 1

- LANDSCAPE NOTES
- QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN, "AMERICAN STANDARDS FOR NURSERY STOCK"
 - CONTRACTOR SHALL BE REQUIRED TO GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR AFTER INSTALLATION IS COMPLETE AND APPROVED. AT THE END OF ONE YEAR, ALL PLANT MATERIAL WHICH IS DEAD OR DYING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AS ORIGINALLY SPECIFIED.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND MAY MAKE MINOR ADJUSTMENTS IN SPACING AND/OR LOCATION OF PLANT MATERIALS. CONTRACTOR TO VERIFY "AS-BUILT" LOCATION OF ALL UTILITIES.
 - NO SUBSTITUTIONS SHALL BE MADE WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.
 - ALL AREAS NOT STABILIZED IN PAVING OR PLANT MATERIALS SHOULD BE SEEDED AND MULCHED.
 - ALL SHADE TREES SHALL BRANCH A MINIMUM OF 8'-0" ABOVE GROUND LEVEL. TREES SHALL BE PLANTED AND STAKED IN ACCORDANCE WITH THE PLANTING DETAIL SHOWN.
 - PLANTING SOIL MIX: 2/3 EXISTING SOIL (WITH ALL STONES OR DEBRIS 2" OR LARGER REMOVED), 1/3 PEAT HUMUS, COMPOSTED SLUDGE OR OTHER ORGANIC MATERIAL.
 - ALL PLANTING PROCEDURES AND SPECIFICATIONS SHALL CONFORM TO "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE - WASHINGTON METROPOLITAN AREA" LATEST EDITION.
 - FOR FOREST CONSERVATION INFORMATION, REFER TO APPROVED FOREST CONSERVATION PLAN; HOWARD COUNTY #SP-93-15.
 - FOR TOTAL PLANT QUANTITIES SEE SHEET 20 OF 20.
 - SEE SHEET 20 OF 20 FOR SCHEDULE 'A' PERIMETER LANDSCAPE EDGE.

SYMBOL	COMMON NAME	BOTANICAL NAME	QTY THIS SHEET	SIZE
	GREEN ASH	FRAXINUS PENNSYLVANICA	17	2 1/2 - 3" CAL.
	SUGAR MAPLE	ACER SACCHARUM	9	2 1/2 - 3" CAL.
	SWEETGUM	LIQUIDAMBAR STYRACIFLUA	14	2 1/2 - 3" CAL.
	JAPANESE ZELKOVA	ZELKOVA SERATA VILLAGE GREEN	3	2 1/2 - 3" CAL.
	LONDON PLANETREE	PLATANUS OCCIDENTALIS	25	2 1/2 - 3" CAL.
	LONDON PLANETREE	PLATANUS OCCIDENTALIS 'BLOODGOOD'	0	2 1/2 - 3" CAL.
	RED MAPLE	ACER RUBRUM 'OCTOBER GLORY'	56	2 1/2 - 3" CAL.
	RED MAPLE	ACER RUBRUM 'SUNSET'	25	2 1/2 - 3" CAL.
	EASTERN WHITE PINE	PINUS STROBUS	15	6 - 8'

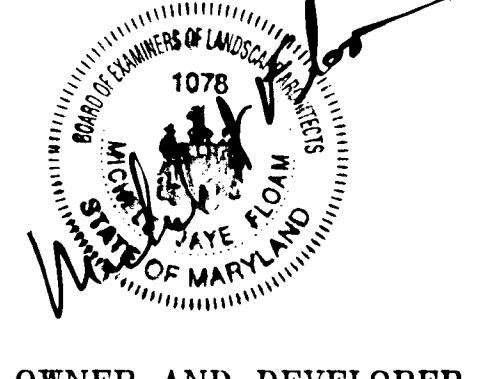


EXPLORATION RESEARCH, INC.
 ENVIRONMENTAL CONSULTANTS
 8111 BALTIMORE NATIONAL PARK, SUITE 100
 ELICOTT CITY, MARYLAND 21042
 (410) 451-2800

FISHER, COLLINS & CARTER, INC.
 LANDSCAPE ARCHITECTS
 8111 BALTIMORE NATIONAL PARK, SUITE 100
 ELICOTT CITY, MARYLAND 21042
 (410) 451-2800

STORMWATER MANAGEMENT AREA LANDSCAPING

LINEAR FEET OF PERIMETER	420'
NUMBER OF TREES REQUIRED	
SHADE TREES	9
EVERGREEN TREES	11
CREDIT FOR EXISTING VEGETATION (NO, YES AND %)	No
CREDIT FOR OTHER LANDSCAPING (NO, YES AND %)	Yes, 25%
NUMBER OF TREES PROVIDED	
SHADE TREES	7
EVERGREEN TREES	9
OTHER TREES (2:1 SUBSTITUTION)	2



OWNER AND DEVELOPER
 WHEELER DEVELOPMENT, INC.
 c/o LAURA A. WHEELER, PRESIDENT
 18205-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20879

LANDSCAPE PLAN
 GWYLDYLL OAK ESTATE'S
 LOTS 1 - 40 PRES.
 PARCELS A, B, C, AND RESIDUE PARCEL O
 PARCEL 125
 TAX MAP # 14
 ZONING: R-2
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: MAY 6, 1994
 SCALE IN FEET
 SHEET 15 OF 20
 F94-82

REVISED 6/15/94 PER HOWARD COUNTY COMMENTS

1705

Approved: Department of Planning and Zoning
 Date: 7/20/94
 Approved: Department of Public Works
 Date: 7/18/94
 Approved: Howard County Department of Public Works
 Date: 7-13-94

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
 FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEPARTMENT OF PUBLIC WORKS DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$15,500

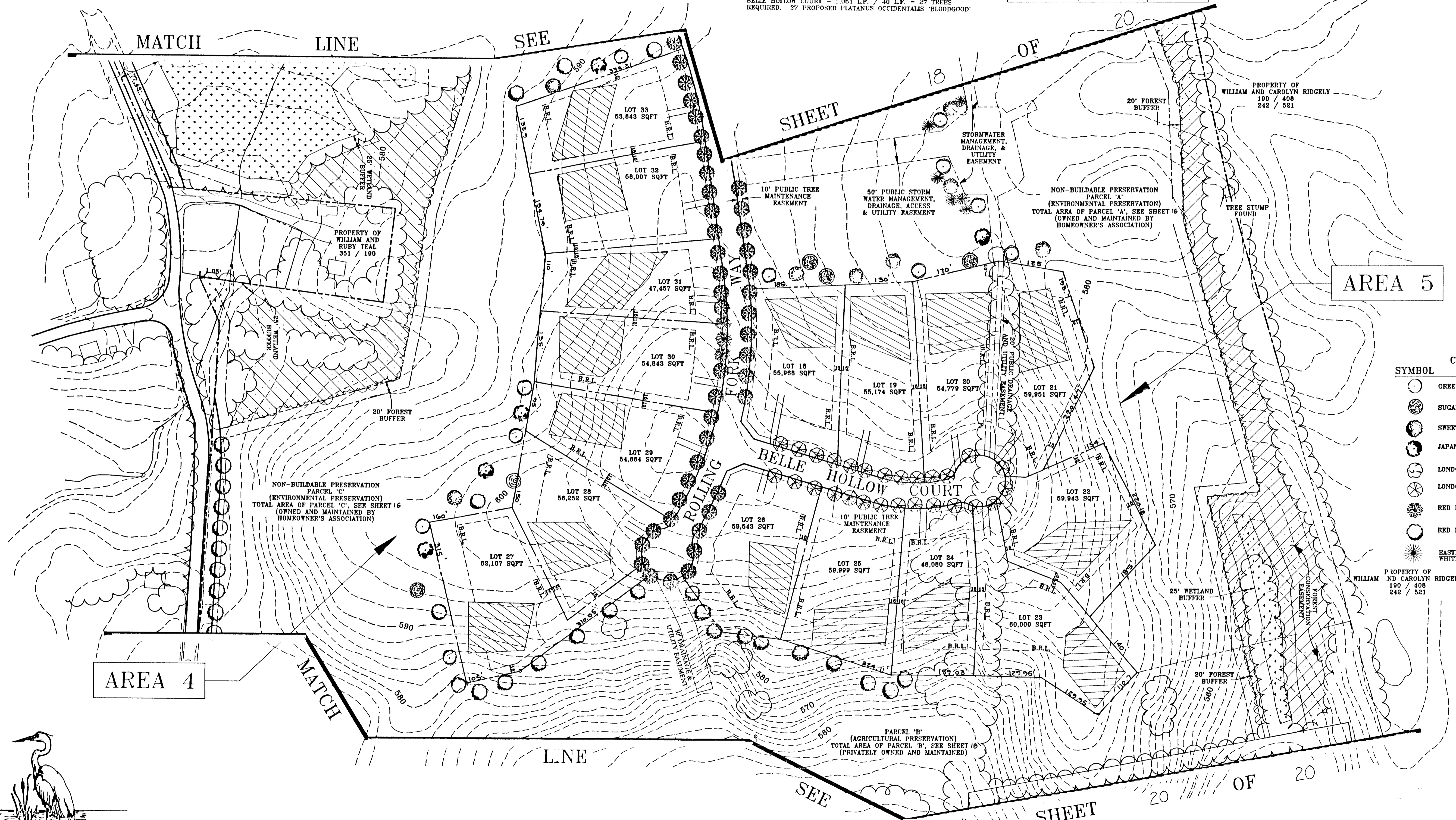
AREA 4: TYPE 'A' BUFFER CONSISTING OF 1 TREE PER 60 LINEAR FEET. 2,007 LINEAR FEET REAR YARD OF SINGLE FAMILY DETACHED TO OPEN SPACE - 533.69 LINEAR FEET BACKING TO EXISTING VEGETATION / 60 LINEAR FEET = 25 TREES REQUIRED. 25 TREES ARE PROVIDED.
 AREA 5: TYPE 'A' BUFFER CONSISTING OF 1 TREE PER 60 LINEAR FEET. 2,722 LINEAR FEET REAR YARD OF SINGLE FAMILY DETACHED TO OPEN SPACE - 1,483.95 LINEAR FEET BACKING TO EXISTING VEGETATION / 60 LINEAR FEET = 21 TREES REQUIRED. 21 TREES ARE PROVIDED.

STREET TREES ARE PROVIDED ALONG MCKENDREE ROAD, ROLLING FORK WAY, AND BELLE HOLLOW COURT. THERE ARE NO SIDEWALKS AND THESE TREES ARE TO BE INSTALLED WITHIN THE 10 FOOT PLANTING STRIP RIGHT OF WAY ON APPROXIMATELY 40 FOOT CENTERS. NO TREES ARE TO BE PLANTED IN ROAD DRAINAGE SWALES.

STREET TREES ARE AS FOLLOWS:
 MCKENDREE ROAD - 370.71 L.F. / 40 L.F. = 10 TREES REQUIRED
 10 PROPOSED ACER RUBRUM 'SUNSET' + 569 L.F. OF EXISTING VEGETATION.
 ROLLING FORK WAY - 1,994 L.F. / 40 L.F. = 47 TREES REQUIRED
 47 PROPOSED ACER RUBRUM 'OCTOBER GLORY'
 BELLE HOLLOW COURT - 1,081 L.F. / 40 L.F. = 27 TREES REQUIRED.
 27 PROPOSED PLATANUS OCCIDENTALIS 'BLOODGOOD'

STORMWATER MANAGEMENT AREA LANDSCAPING

LINEAR FEET OF PERIMETER	425'
NUMBER OF TREES REQUIRED	9
SHADE TREES	11
EVERGREEN TREES	
CREDIT FOR EXISTING VEGETATION (NO, YES AND %)	NO
CREDIT FOR OTHER LANDSCAPING (NO, YES AND %)	YES, 46%
NUMBER OF TREES PROVIDED	5
SHADE TREES	6
EVERGREEN TREES	
OTHER TREES (2:1 SUBSTITUTION)	

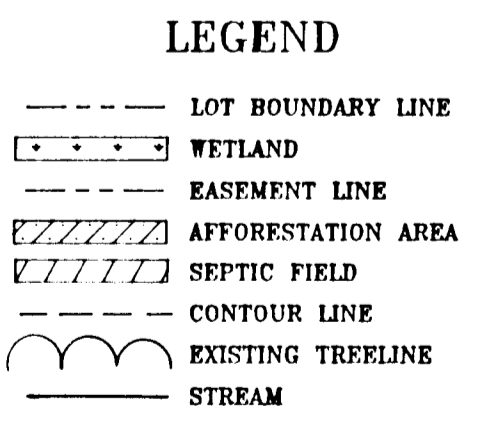


AREA 5

AREA 4

SYMBOL	COMMON NAME	BOTANICAL NAME	QTY THIS SHEET	SIZE
(Symbol)	GREEN ASH	FRAXINUS PENNSYLVANICA	11	2 1/2 - 3' CAL.
(Symbol)	SUGAR MAPLE	ACER SACCHARUM	5	2 1/2 - 3' CAL.
(Symbol)	SWEETGUM	LIQUIDAMBAR STYRACIFLUA	6	2 1/2 - 3' CAL.
(Symbol)	JAPANESE ZELKOVA	ZELKOYA SERATA 'VILLAGE GREEN'	5	2 1/2 - 3' CAL.
(Symbol)	LONDON PLANETREE	PLATANUS OCCIDENTALIS	0	2 1/2 - 3' CAL.
(Symbol)	LONDON PLANETREE	PLATANUS OCCIDENTALIS 'BLOODGOOD'	27	2 1/2 - 3' CAL.
(Symbol)	RED MAPLE	ACER RUBRUM 'OCTOBER GLORY'	47	2 1/2 - 3' CAL.
(Symbol)	RED MAPLE	ACER RUBRUM 'SUNSET'	32	2 1/2 - 3' CAL.
(Symbol)	EASTERN WHITE PINE	PINUS STROBUS	6	6 - 8'

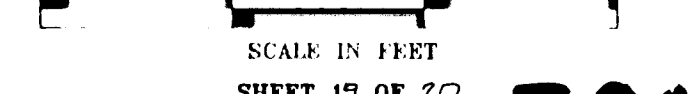
- SEE SHEET 18 OF 20 FOR PLANTING NOTES AND DETAILS.
- FOR FOREST CONSERVATION INFORMATION, REFER TO APPROVED FOREST CONSERVATION PLAN, HOWARD COUNTY #SP-93-15.
- FOR TOTAL PLANT QUANTITIES SEE SHEET 20 OF 20.
- SEE SHEET 20 OF 20 FOR SCHEDULE 'A' PERIMETER LANDSCAPE EDGE.



LANDSCAPE PLAN
 GWYLDIYL OAK ESTATES

LOTS 1 - 40 PRES.
 PARCELS A, B, C, AND
 RESIDUE PARCEL D
 TAX MAP 14 PARCEL 125
 ZONING: RC - DEU

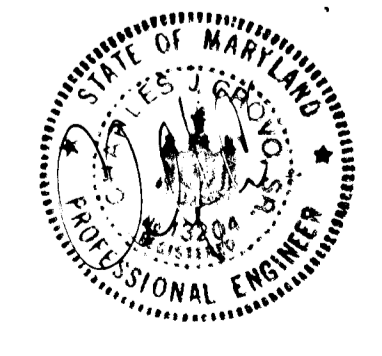
FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND



DATE: MAY 6, 1994
 SCALE IN FEET
 SHEET 19 OF 20

EXPLORATION RESEARCH, INC.
 ENVIRONMENTAL CONSULTANTS
 100 ROCKFORD STREET
 BETHESDA, MARYLAND 20814
 PHONE: 301-271-1177 FAX: 301-271-1178

FISHER, COLLINS & CARTER, INC.
 9171 BAITSWOR NATIONAL FEE. SUITE 100
 BELTSVILLE CITY, MARYLAND 21044
 (410) 461-2855



OWNER AND DEVELOPER
 WHEELER DEVELOPMENT, INC.
 c/o LAURA A. WHEELER, PRESIDENT
 18205-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20879

REVISED 6/15/94 PER HOWARD COUNTY COMMENTS

F94-82

1705

Approved: Department of Planning and Zoning
Aira Summery
 Date: 7/20/94

Approved: Department of Public Works
Paul M. Egan
 Date: 7/18/94

Approved: Howard County Department of Public Works
Alb. Dammer
 Date: 7/18/94

Andrew M. Sanchez
 Date: 7-13-94

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 18.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.

FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEPARTMENT OF PUBLIC WORKS DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$10,000.

SCHEDULE 'A'
PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO ROADWAYS	ADJACENT TO PUBLIC S.W.M. FACILITIES	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	B	B	A
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	240*	845'	10,278.29**
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	YES, 300'	YES, 2,061.2'***
CREDIT FOR WALL, FENCE, OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO
NUMBER OF PLANTS REQUIRED			
SHADE TREES	5	17	172
EVERGREEN TREES	6	22	0
SHRUBS	0	0	0
NUMBER OF PLANTS PROVIDED			
SHADE TREES	5	15	120
EVERGREEN TREES	6	0	0
OTHER TREES (2:1 SUBSTITUTION)	0	0	0
SHRUBS (10:1 SUBSTITUTION)	0	0	0
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)			

SYMBOL	COMMON NAME	BOTANICAL NAME	QTY THIS SHEET	SIZE
○	GREEN ASH	FRAXINUS PENNSYLVANICA	0	2 1/2 - 3' CAL.
○	SUGAR MAPLE	ACER SACCHARUM	0	2 1/2 - 3' CAL.
○	SWEETGUM	LIQUIDAMBAR STYRACIFLUA	0	2 1/2 - 3' CAL.
○	JAPANESE ZELKOVA	ZELKOVA SERRATA 'VILLAGE GREEN'	0	2 1/2 - 3' CAL.
○	LONDON PLANETREE	PLATANUS OCCIDENTALIS	0	2 1/2 - 3' CAL.
○	LONDON PLANETREE	PLATANUS OCCIDENTALIS 'BLOODGOOD'	0	2 1/2 - 3' CAL.
○	RED MAPLE	ACER RUBRUM 'OCTOBER GLORY'	0	2 1/2 - 3' CAL.
○	RED MAPLE	ACER RUBRUM 'SUNSET'	79	2 1/2 - 3' CAL.
○	EASTERN WHITE PINE	PINUS STROBUS	0	6 - 8'

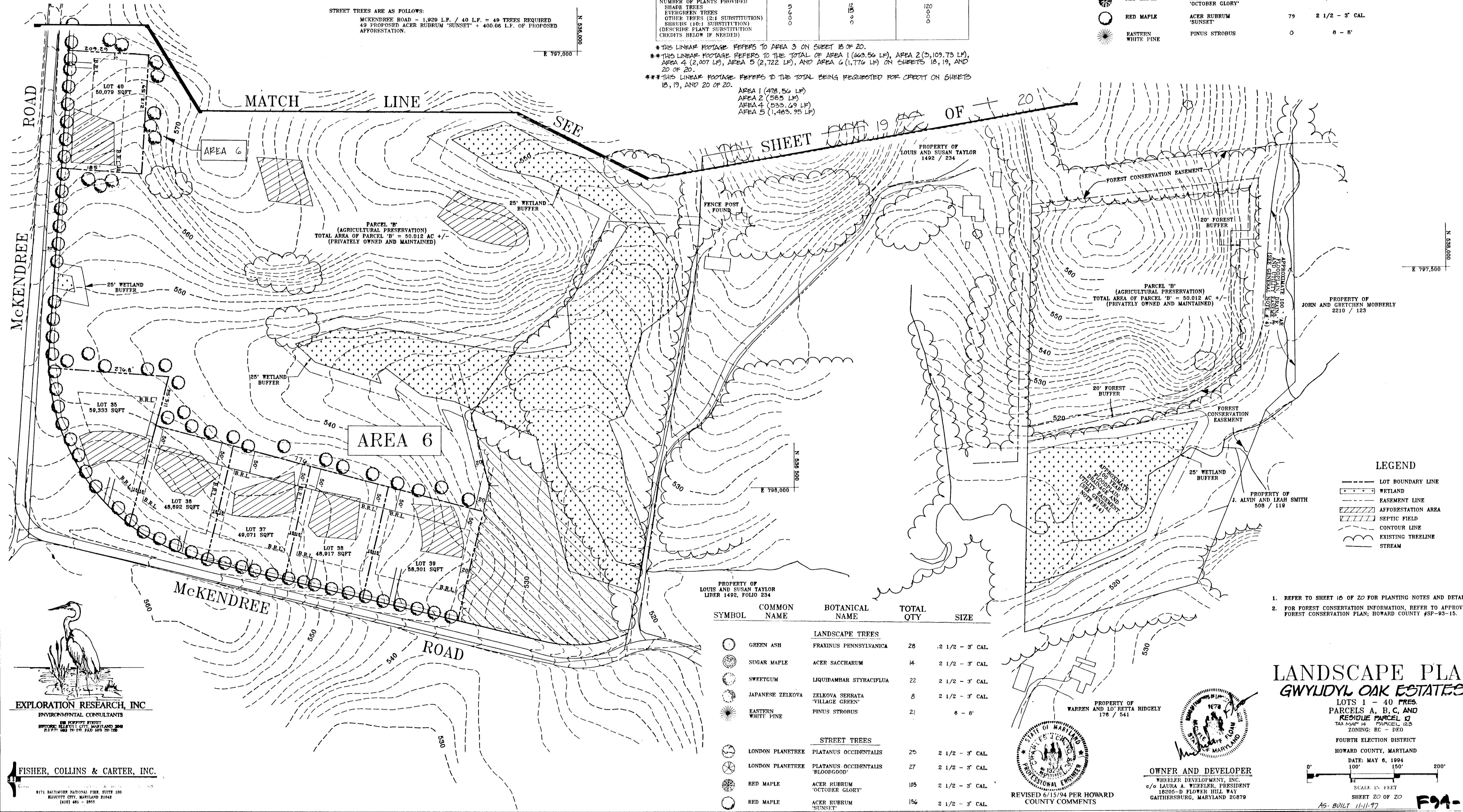
AREA 6: TYPE 'A' BUFFER CONSISTING OF 1 TREE PER 60 LINEAR FEET. 1,776 LINEAR FEET REAR YARD OF SINGLE FAMILY DETACHED TO OPEN SPACE / 60 LINEAR FEET = 30 TREES REQUIRED. 30 TREES ARE PROVIDED.

STREET TREES ARE PROVIDED ALONG MCKENDREE ROAD. THERE ARE NO SIDEWALKS AND THESE TREES ARE TO BE INSTALLED WITHIN THE 10 FOOT PLANTING STRIP RIGHT OF WAY ON APPROXIMATELY 40 FOOT CENTERS. NO TREES ARE TO BE PLANTED IN ROAD DRAINAGE SWALES.

STREET TREES ARE AS FOLLOWS:
 MCKENDREE ROAD - 1,920 L.F. / 40 L.F. = 48 TREES REQUIRED
 49 PROPOSED ACER RUBRUM 'SUNSET' + 400.06 L.F. OF PROPOSED AFFORESTATION.

* THIS LINEAR FOOTAGE REFERS TO AREA 3 ON SHEET 18 OF 20.
 ** THIS LINEAR FOOTAGE REFERS TO THE TOTAL OF AREA 1 (669.56 LF), AREA 2 (2,109.73 LF), AREA 4 (2,007 LF), AREA 5 (2,722 LF), AND AREA 6 (1,776 LF) ON SHEETS 18, 19, AND 20 OF 20.
 *** THIS LINEAR FOOTAGE REFERS TO THE TOTAL BEING REQUESTED FOR CREDIT ON SHEETS 18, 19, AND 20 OF 20.

AREA 1 (478.56 LF)
 AREA 2 (2,109.73 LF)
 AREA 4 (2,007 LF)
 AREA 5 (2,722 LF)
 AREA 6 (1,776 LF)



SYMBOL	COMMON NAME	BOTANICAL NAME	TOTAL QTY	SIZE
LANDSCAPE TREES				
○	GREEN ASH	FRAXINUS PENNSYLVANICA	28	2 1/2 - 3' CAL.
○	SUGAR MAPLE	ACER SACCHARUM	14	2 1/2 - 3' CAL.
○	SWEETGUM	LIQUIDAMBAR STYRACIFLUA	22	2 1/2 - 3' CAL.
○	JAPANESE ZELKOVA	ZELKOVA SERRATA 'VILLAGE GREEN'	8	2 1/2 - 3' CAL.
○	EASTERN WHITE PINE	PINUS STROBUS	21	6 - 8'
STREET TREES				
○	LONDON PLANETREE	PLATANUS OCCIDENTALIS	25	2 1/2 - 3' CAL.
○	LONDON PLANETREE	PLATANUS OCCIDENTALIS 'BLOODGOOD'	27	2 1/2 - 3' CAL.
○	RED MAPLE	ACER RUBRUM 'OCTOBER GLORY'	105	2 1/2 - 3' CAL.
○	RED MAPLE	ACER RUBRUM 'SUNSET'	136	2 1/2 - 3' CAL.

LEGEND

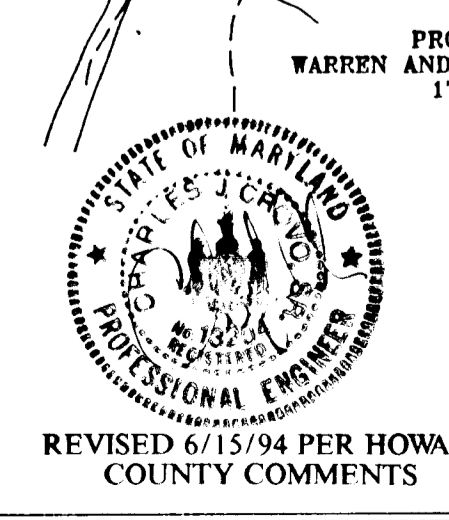
- LOT BOUNDARY LINE
- WETLAND
- EASEMENT LINE
- AFFORESTATION AREA
- SEPTIC FIELD
- CONTOUR LINE
- EXISTING TREELINE
- STREAM

1. REFER TO SHEET 18 OF 20 FOR PLANTING NOTES AND DETAILS.
 2. FOR FOREST CONSERVATION INFORMATION, REFER TO APPROVED FOREST CONSERVATION PLAN, HOWARD COUNTY #SP-93-15.

LANDSCAPE PLAN
GWYLDYL OAK ESTATES
 LOTS 1 - 40 PRES.
 PARCELS A, B, C, AND
 RESIDUE PARCEL D
 TAX MAP 14 PARCEL 123
 ZONING: RC - DEO
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: MAY 6, 1994
 SCALE: 1" = 100'
 SHEET 20 OF 20
 AS-BUILT 11-11-97



FISHER, COLLINS & CARTER, INC.
 8171 BATHING NATIONAL FIRE, SUITE 100
 BELTSVILLE, MD 21051
 (410) 461-2855



OWNER AND DEVELOPER
 WHEELER DEVELOPMENT, INC.
 c/o LAURA A. WHEELER, PRESIDENT
 18205-D FLOWER HILL WAY
 GAITHERSBURG, MARYLAND 20878

REVISED 6/15/94 PER HOWARD COUNTY COMMENTS

1705

F94-82