

SHEET INDEX

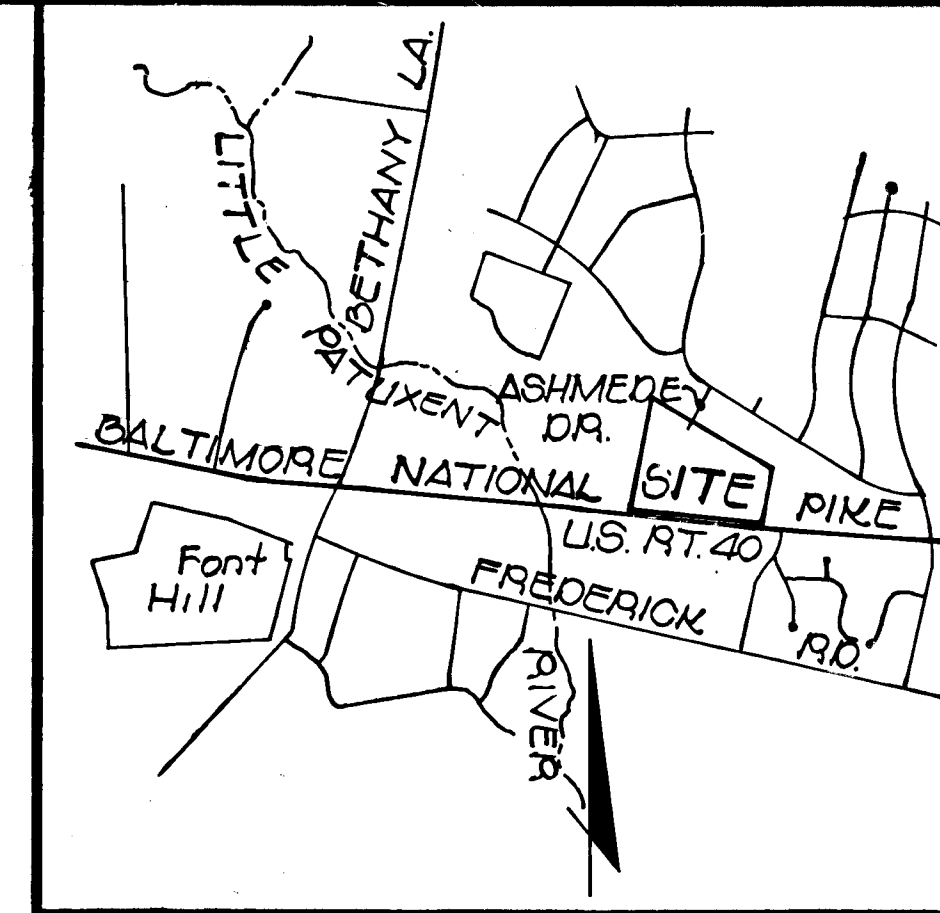
No.	Description
1	COVER SHEET
2	TYPICAL DETAILS
3	ROAD PLAN - ASHMEDE DRIVE
4	" " SUSIES WAY
5	" " SPLENDID VIEW, CASPER CT. & WESTER WAY
6	DRAINAGE AREA MAP
7	STORM DRAIN PROFILES
8	STORM WATER MANAGEMENT PLAN
9	" " DETAILS
10	SEDIMENT CONTROL PLAN
11	" " DETAILS
12	TREE PLANTING PLAN

ROADWAY, STORM DRAIN, & STORM WATER MANAGEMENT PLANS

BOUNTY VISTA

2ND ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

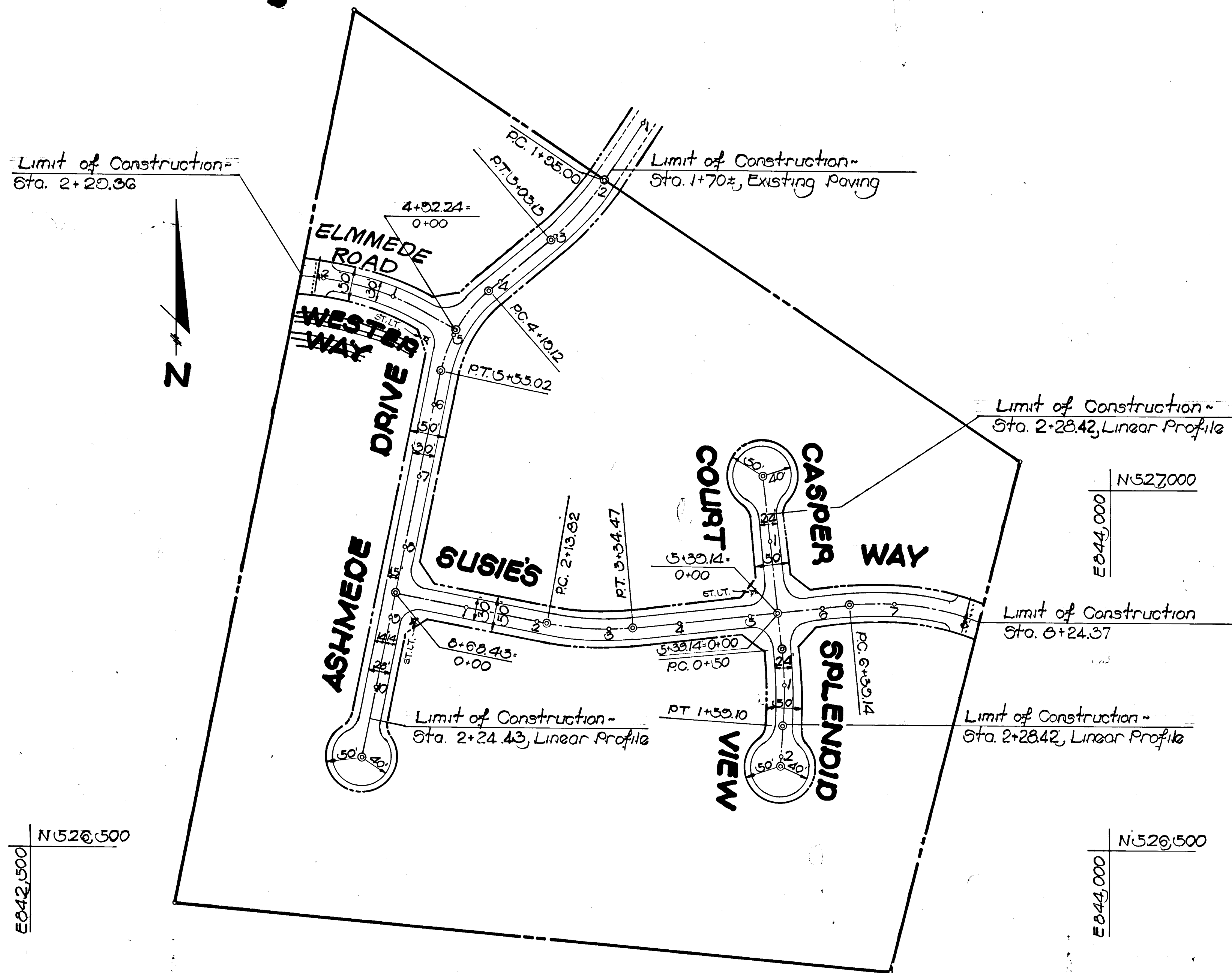


VICINITY MAP

Scale: 1"=200'

GENERAL NOTES

- All work shall be performed in accordance with Howard County Design Manual, Volume IV, Standard Specifications and Details for Road Construction.
- Approximate location of existing utilities are shown. The Contractor shall take all necessary precautions to protect the existing utilities and maintain uninterrupted service. Any damage incurred due to contractor's operation shall be repaired immediately at the contractor's expense.
- The contractor shall test pit existing utilities, where directed by the engineer, a minimum of two weeks in advance of construction operation.
- Contractor to notify the following utilities at least three days before starting any of the work shown on these drawings:
 - Bell Telephone System 333-3649
 - Long Distance Cable Division 333-3553 or 3554
 - Baltimore Gas & Electric Company 333-8000 ext 691
 - Howard County Bureau of Utilities 332-2366
 - Howard County Construction Insp. 332-2417/2418
 - Survey Division
- All inlets shall be constructed in accordance with Howard County Standards.
- All street curb returns shall have 20.0' radii unless otherwise noted.
- Storm drain trenches within road right-of-way shall be filled and compacted in accordance with Howard County Road Code.
- Installation of traffic control devices, marking, and signing shall be in accordance with the Manual of Uniform Traffic Control Devices, 1971 Edition.
- Pipe shall not be installed by the contractor until the length called for at each station has been approved by the engineer in the field.
- Designed traffic speed in accordance with the American Assoc. of State Highway Official Standards:
 - All cul-de-sacs designed for 15 mph, All local streets designed for 30 mph.
- All elevations shown are based on U.S.C. and G.S. mean sea level datum 1929.
- All fill areas within roadways and under structures to be compacted to a minimum of 95% compaction.
- All pipe elevations shown are invert elevations.
- Profile stations shall be adjusted as necessary to conform to plan dimensions.
- Subject property zoned R-20 per 10-3-77 comprehensive Zoning Plan.



PLAN
Scale: 1"=100'

DEPARTMENT of PUBLIC WORKS

John W. Winchman 10/30/84
Chief, Bureau of Engineering Date

OFFICE of PLANNING AND ZONING

John W. Winchman 10/26/84
Chief, Div. of Land Development & ZONING ADMIN. Date

STATE OF MARYLAND
PROFESSIONAL ENGINEER

James J. Pruski #3324 3/14/83
ENGINEER NO. Date

NO.	DATE	REVISIONS DESCRIPTION

SPELLMAN, LARSON & ASSOCIATES, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
PHONE: 823-3535

OWNER - DEVELOPER
Bounty Vista Partnership
2107 Rafterstown Road
Baltimore, Maryland 21035

Project Title: *LOWAI Corporation*
7779 NEW YORK LANE
GLEN BURNIE, MD 21061
1982-8326

BOUNTY VISTA
COVER SHEET

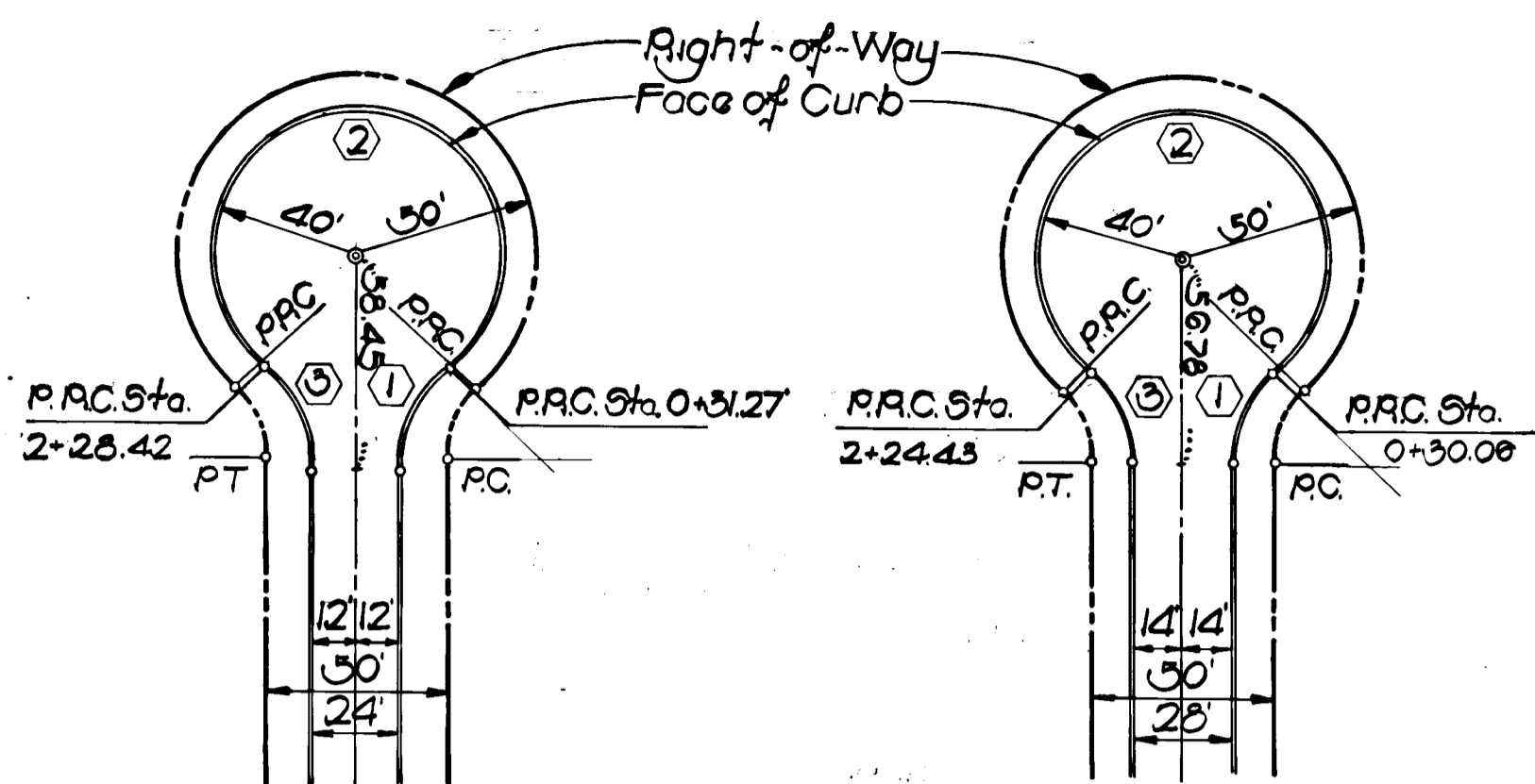
2nd Elec. Dist. Howard Co., Md.

SCALE: As Shown DES. BY: J.W.P. SHT. 1 OF 12
DATE: 2-23-83 DRN. BY: J.C.R.

F-83-99' 78137 AS-BUILT 10-22-87

966

Pavement width indicated on Typical Street Sections to be measured to this point.



Curve Data

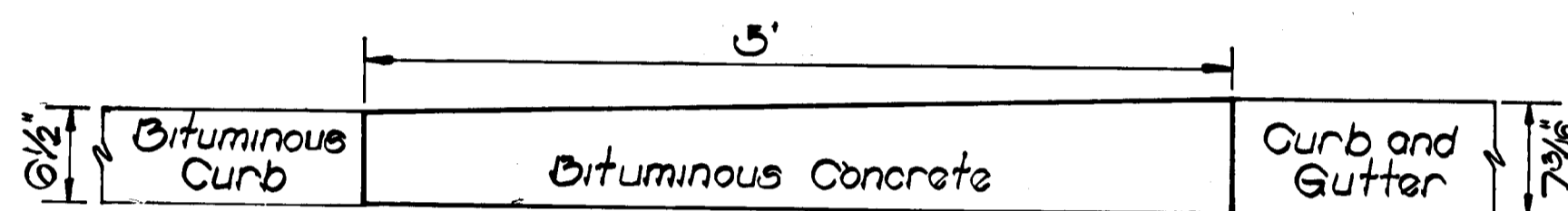
	① & ③	②
Δ	51° 11' 43"	282° 23' 26"
R	3500'	4000'
L	31.27'	197.15'
T	16.77'	-
Chd.	30.24'	-

Curve Data

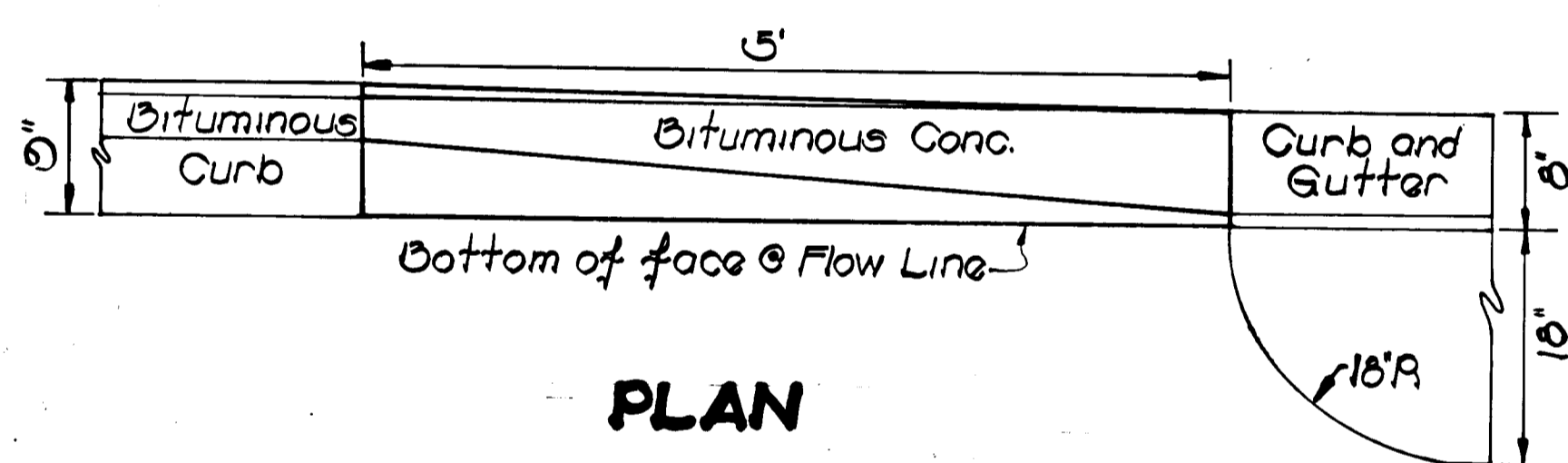
	① & ③	②
Δ	43° 12' 24"	278° 24' 47"
R	3500'	4000'
L	30.06'	134.37'
T	16.03'	-
Chd.	29.14'	-

CUL-DE-SAC DETAIL

Scale: 1"=50'

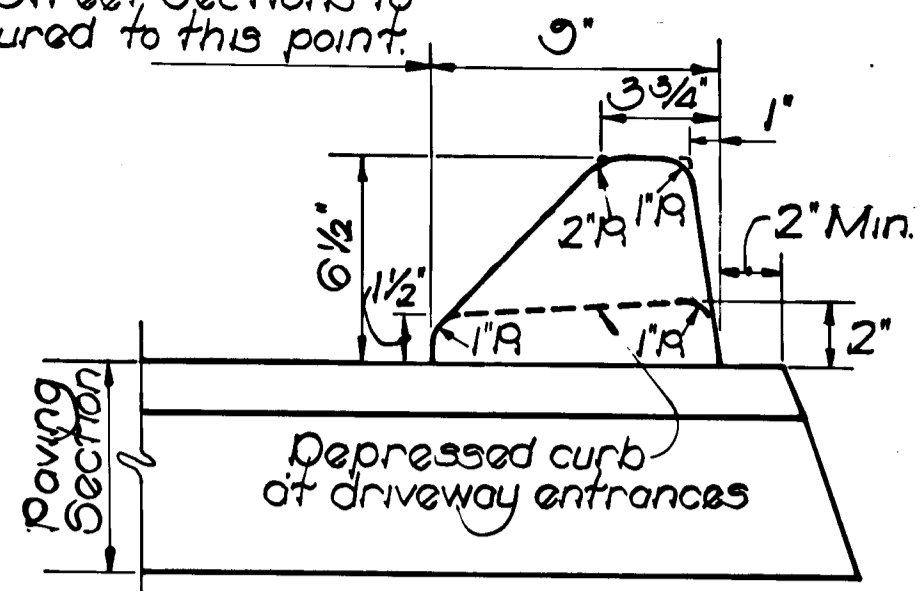


ELEVATION



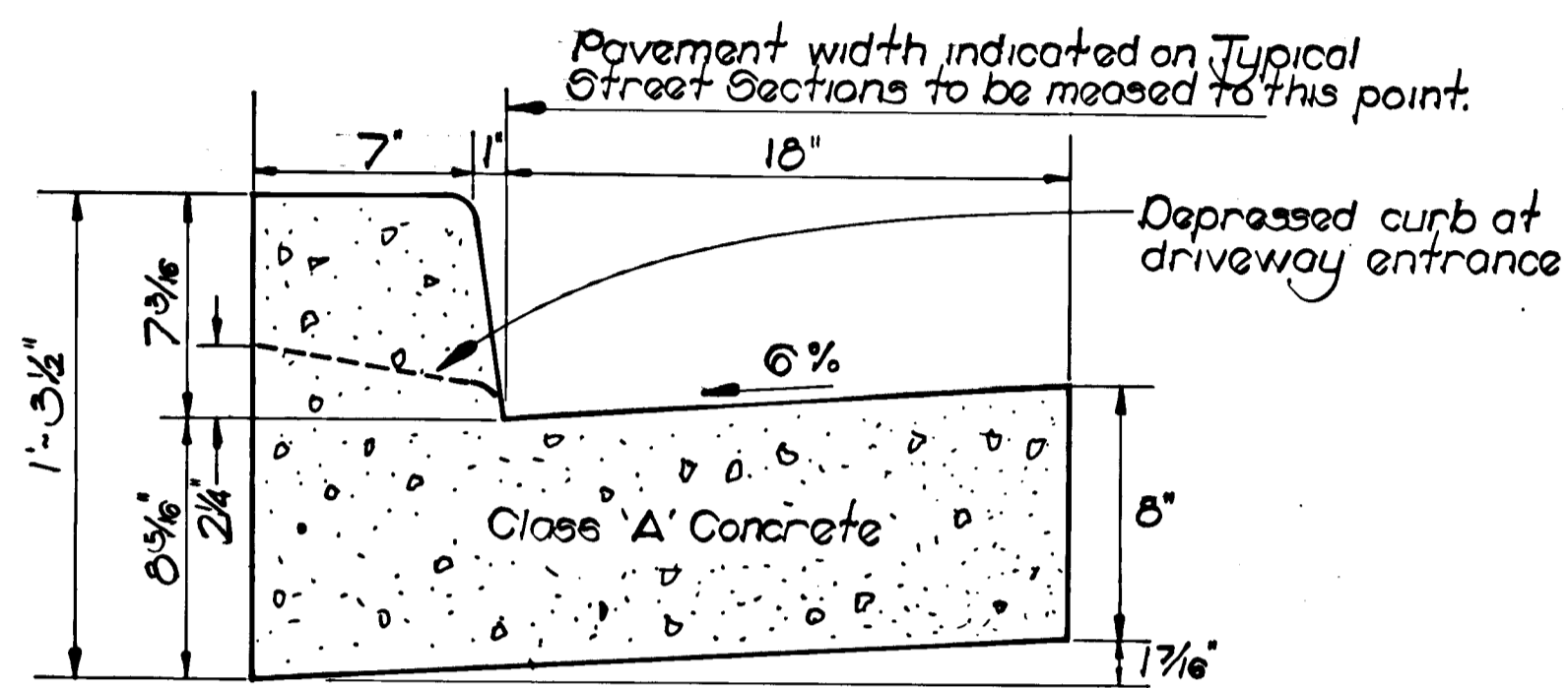
CURB TRANSITION

No Scale



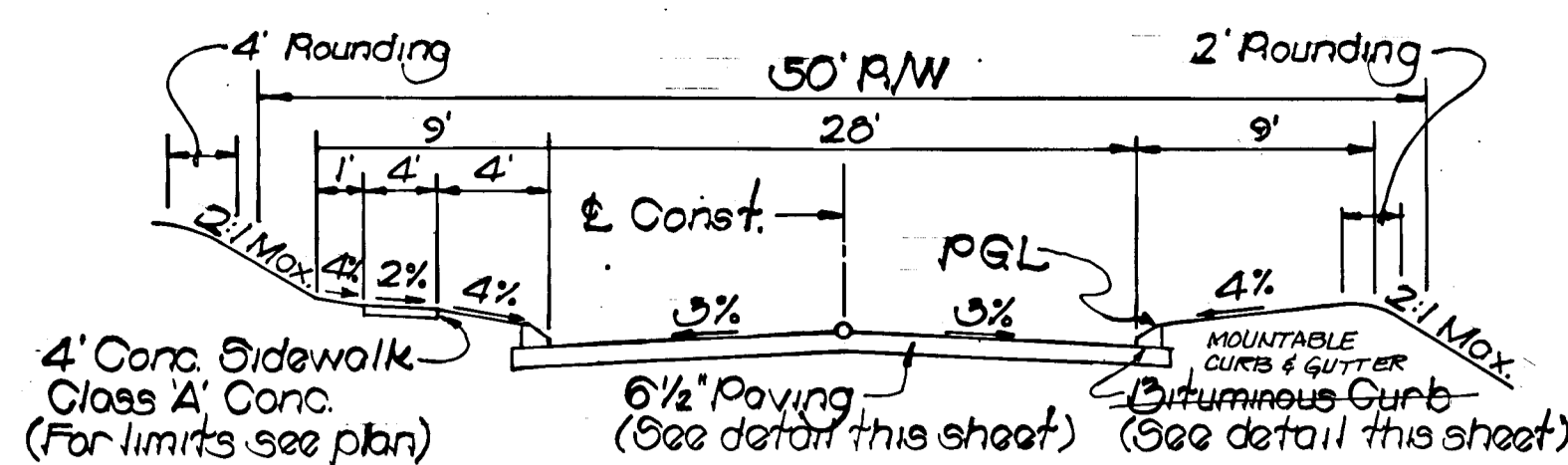
BITUMINOUS CURB DETAIL

Scale: 1"=6"



STANDARD 7" COMBINATION CURB & GUTTER

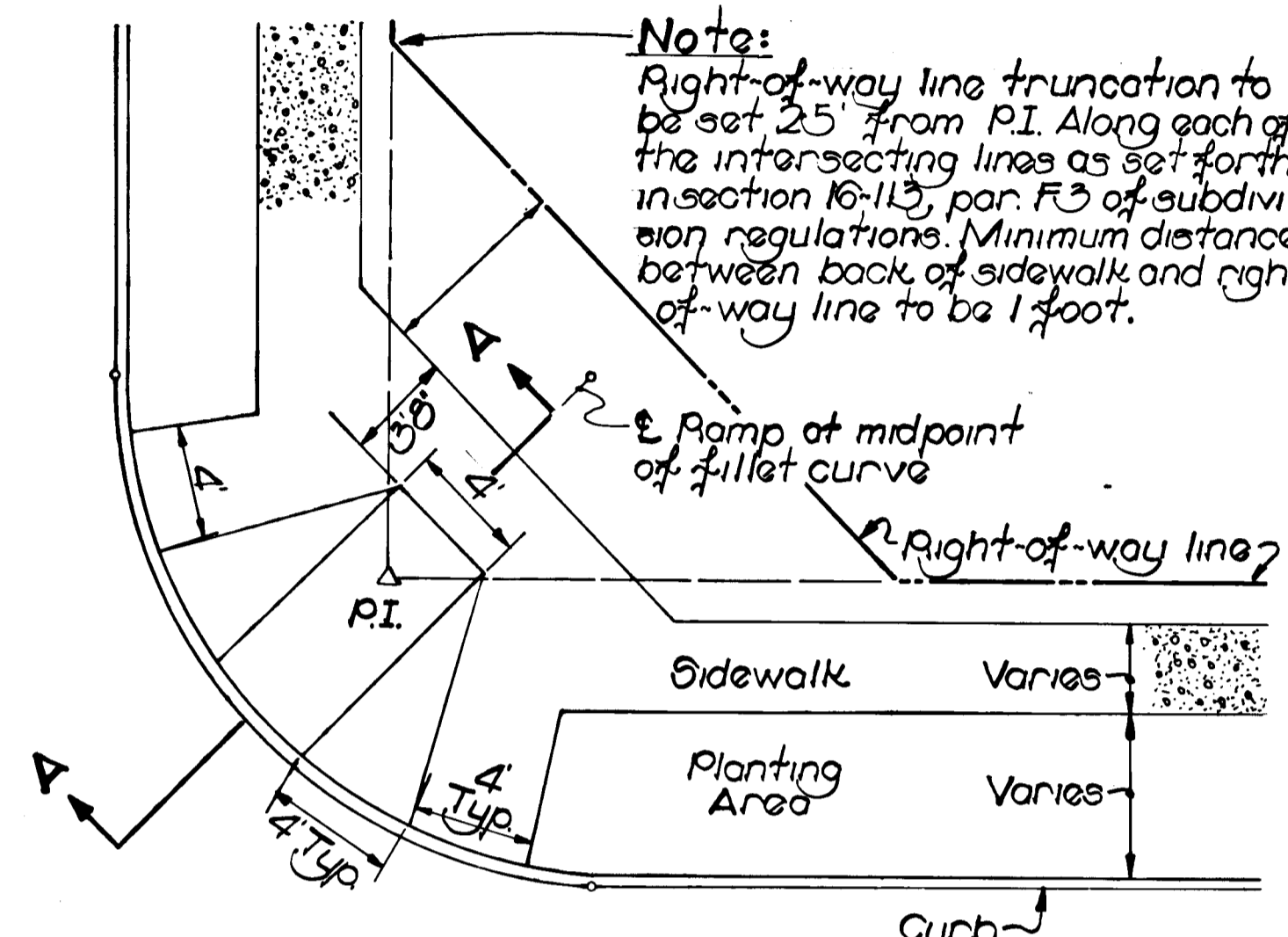
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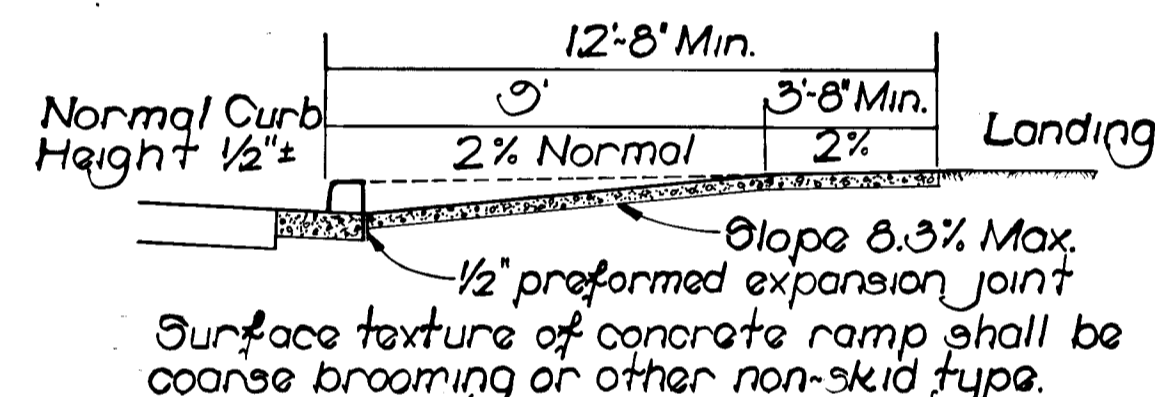
TYPICAL SECTION CUL-DE-SAC STREET

No Scale

* Ashmade Dr. - Sta. 0+03.43 to Sta. 10+42.00

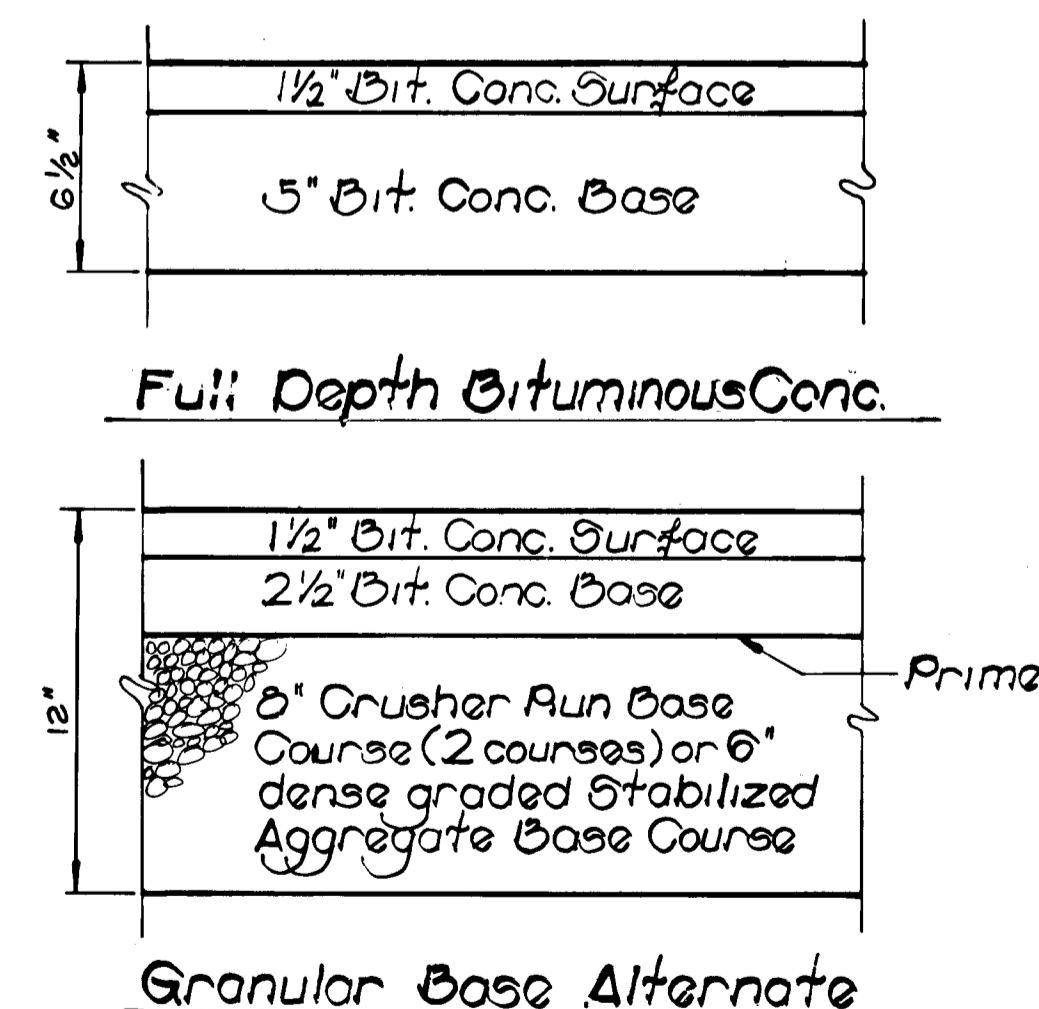


PLAN



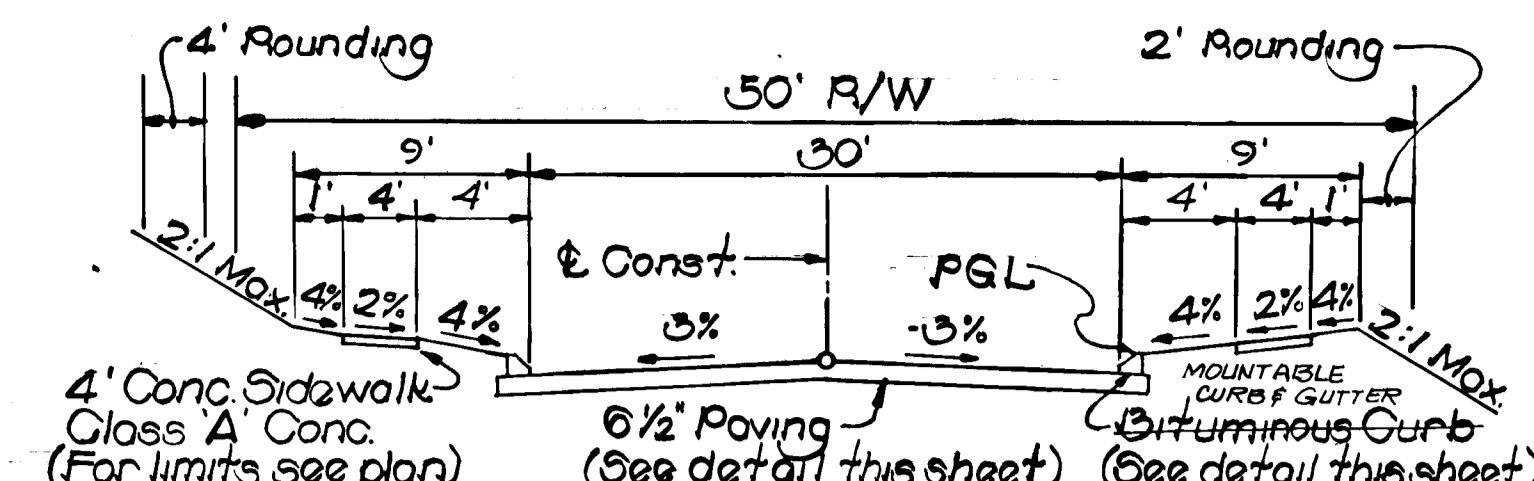
SECTION A-A HANDICAPED RAMP DETAIL

No Scale



6 1/2" PAVING DETAIL

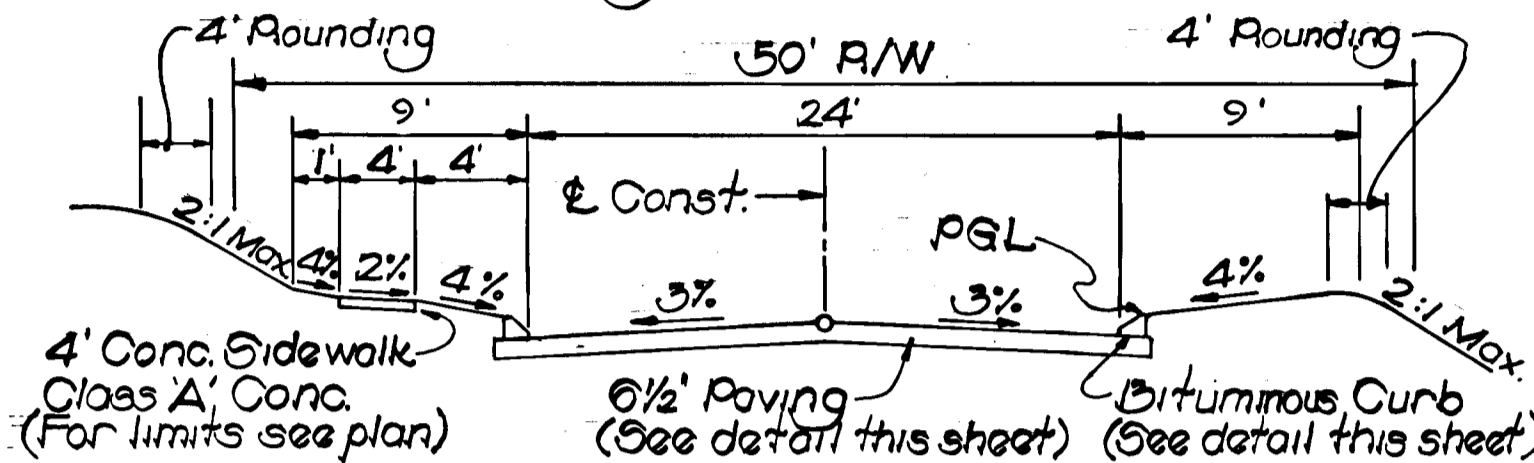
Scale: 1"=6"



TYPICAL SECTION LOCAL STREET

No Scale

Ashmade Dr. - Sta. 1+70± to Sta. 5+68.43
Wester Way - Sta. 0+35 to End
Susies Way - Sta. 0+23.7 to End



TYPICAL SECTION CUL-DE-SAC STREET

No Scale

* Splendid View - Sta. 0+35 to Sta. 1+56.55
Casper Court - Sta. 0+35 to Sta. 1+32.61

* COMB. CURB AND GUTTER TO BE INSTALLED IN ALL SUMP CUL-DE-SACS BETWEEN LIMITS SHOWN ON PROFILE.

DEPARTMENT OF PUBLIC WORKS

McClellan & Sons 10/20/84
Chief, Bureau of Engineering
OFFICE OF PLANNING AND ZONING
John W. Munsterman 10/26/84
Chief, Div. of Land Development & ZONING ADMIN.



Andrew P. Piacochi #3322/3/14/83
ENGINEER No. Date

REVISIONS	
NO.	DESCRIPTION

SPELLMAN, LARSON & ASSOCIATES, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
PHONE: 823-3535

OWNER-DEVELOPER
Bounty Vista Partnership
2105 Ridgesterown Rd.
Garrison, Maryland 21035

Project Title
LAWAI Corporation
7779 NEW YORK LANE
GLEN BURNIE, MD. 21061
BOUNTY VISTA
TYPICAL DETAILS

2nd Elec. Dist. Howard Co., Md.

SCALE: As Shown DES. BY: A.W.P.
DATE: 2-23-83 DRN. BY: P.G.R. SHT. 2 OF 12

F-83-99 78137 AS-BUILT 10-22-87

#966

Ex. G*W.
Ho. Co. Cont. No. 80 W
Limit of Paving
& Contract
Sta. 1+70±

NO.	TYPE	INV. IN	INV. OUT	TOP EL.	LOCATION	REMARKS
I-1	DBL'WD' COMB. INLET	-	378.00	385.91	LINEAR PROFILE STA. 1+68.27	H.C. DWG. 8.D-4.34
I-2	"	376.95	376.75	381.98	± STA. 5+43 / 15' LT.	"
I-3	"	377.00	377.10	381.98	± STA. 3+43 / 15' LT.	"
I-4	"	379.47	379.27	383.16	± STA. 6+80 / 15' LT.	"
I-5	"	-	384.15	383.10	± STA. 7+85 / 15' LT.	"
I-6	"	380.15	379.95	385.10	± STA. 4+00 / 15' LT.	"
I-7	DBL'WD' COMB. INLET	388.19	387.99	393.44	± STA. 2+05 / 15' LT.	H.C. DWG. 8.D-4.34
I-8	" INLET	-	391.91	395.83	AS SHOWN IN PLAN	H.C. DWG. 8.D-4.11
I-9	" INLET	-	382.90	387.83	"	H.C. DWG. 8.D-4.11
MH-1	4' SHALLOW PRECAST M.I.	373.95	373.75	378.30	AS SHOWN IN PLAN	H.C. DWG. G-5.12
MH-2	4' SHALLOW PRECAST M.I.	379.30	378.80	384.06	± STA. 4+38 / 20' LT.	H.C. DWG. G-5.12
6-1	CONC. END SECTION	372.90	-	374.15	AS SHOWN IN PLAN	H.C. DWG. 8.D-5.52
6-2	CONC. END SECTION	376.05	-	378.30	AS SHOWN IN PLAN	H.C. DWG. 8.D-5.52

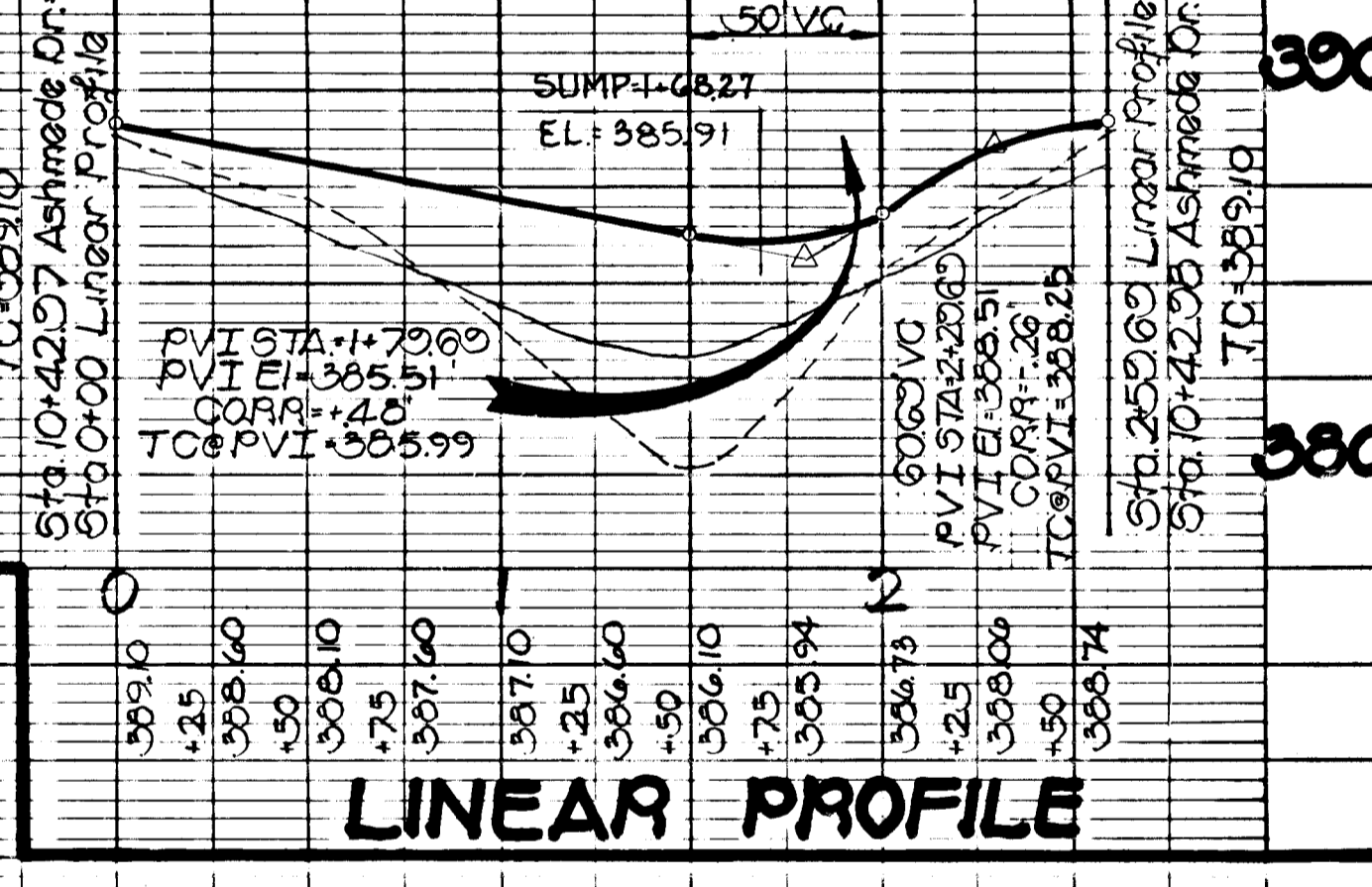
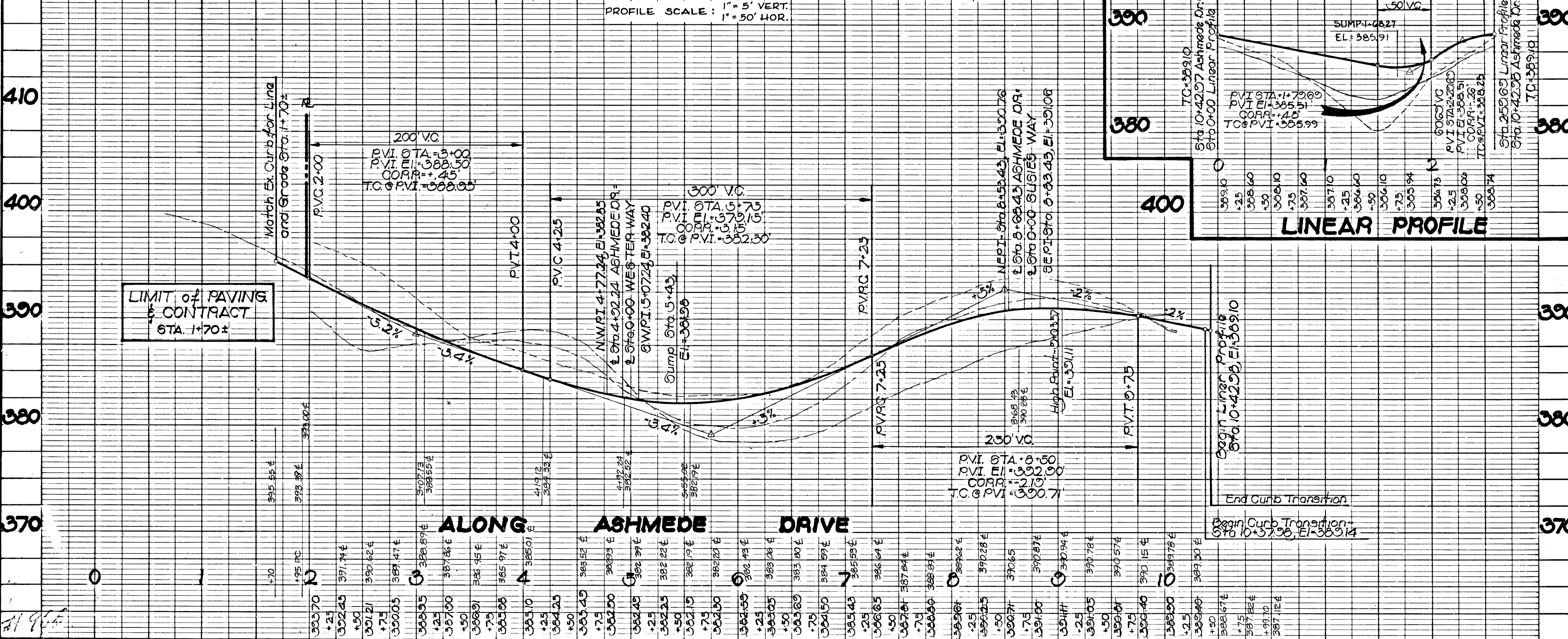
CURVE DATA
 $\Delta = 16^\circ 15' 51"$
 $R = 393.00'$
 $L = 112.13'$
 $T = 56.44'$
 $CHD = 642^\circ 02' 48" E, 111.73'$

CURVE DATA
 $\Delta = 36^\circ 55' 56"$
 $R = 200.00'$
 $L = 135.00'$
 $T = 70.69'$
 $CHD = 630^\circ 42' 43" W, 133.30'$

AREA RESERVED
for
STORMWATER
MANAGEMENT

PLAN SCALE: 1" = 50'

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



DEPARTMENT OF PUBLIC WORKS

Chief, Bureau of Engineering
 Office of Planning and Zoning

John M. ... 10-26-84
 DIVISION OF LAND USE PLANNING AND ZONING ADMINISTRATION

LEGEND

- EX. GR. @ RIGHT
- EX. GR. @ LEFT
- EX. GR. @ CENTERLINE (E)
- EX. GR. @ CURB
- PROPOSED GRADE LINE

REVISIONS

NO.	DATE	DESCRIPTION
1	8/14/85	PER STATE HEALTH COMMENTS
2	7/2/85	ADDED GRID TICKS

SPELLMAN, LARSON & ASSOCIATES, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
 PHONE: 823-3535

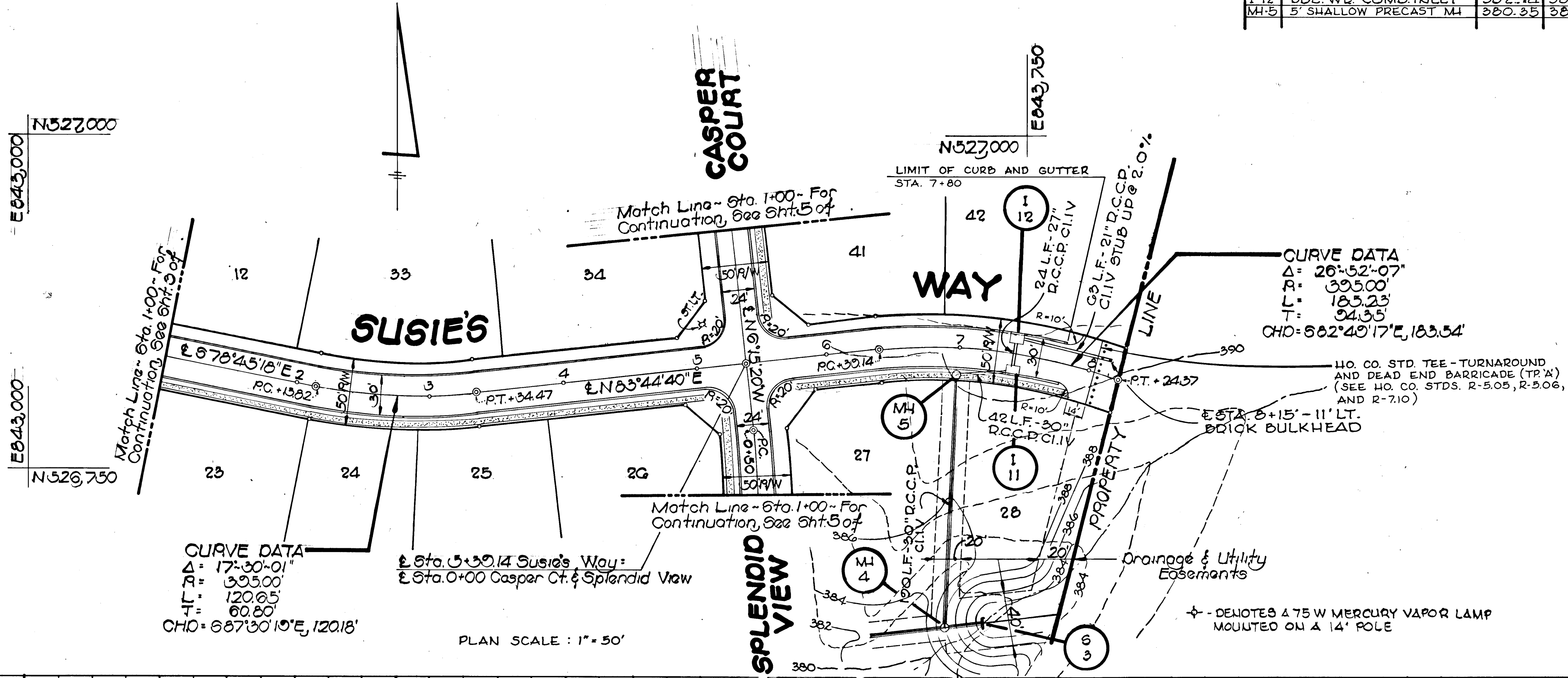
OWNER - DEVELOPER
 County Vista Partnership/
 9185 Riggsford Rd.
 Garrison, Maryland 21035

PROJECT TITLE:
BOUNTY VISTA ROAD PLAN
 ASHMEADE DRIVE
 2nd Elec. Dist. Howard Co., Md.

SCALE: AS SHOWN
 DATE: 3-7-84
 DES. BY: AWB
 DRN. BY: R.C.R.

SHT. 3 OF 12
 FILE NO. T-83-79 JOB NO. 78137 AS-BUILT 10-22-87

STRUCTURE SCHEDULE						
NO.	TYPE	INV. IN	INV. OUT	TOP EL.	LOCATION	REMARKS
I-11	DBL. WD. COMB. INLET	382.25	382.00	388.01	± STA. 7+40.47 / 15' RT.	H.C. DWG. 50-434
I-12	DBL. WD. COMB. INLET	382.24	382.24	388.01	± STA. 7+40.47 / 15' LT.	H.C. DWG. 50-434
MH-5	5' SHALLOW PRECAST MH	380.35	380.15	388.87	± STA. 7+00 / 20' DT.	H.C. DWG. G-513

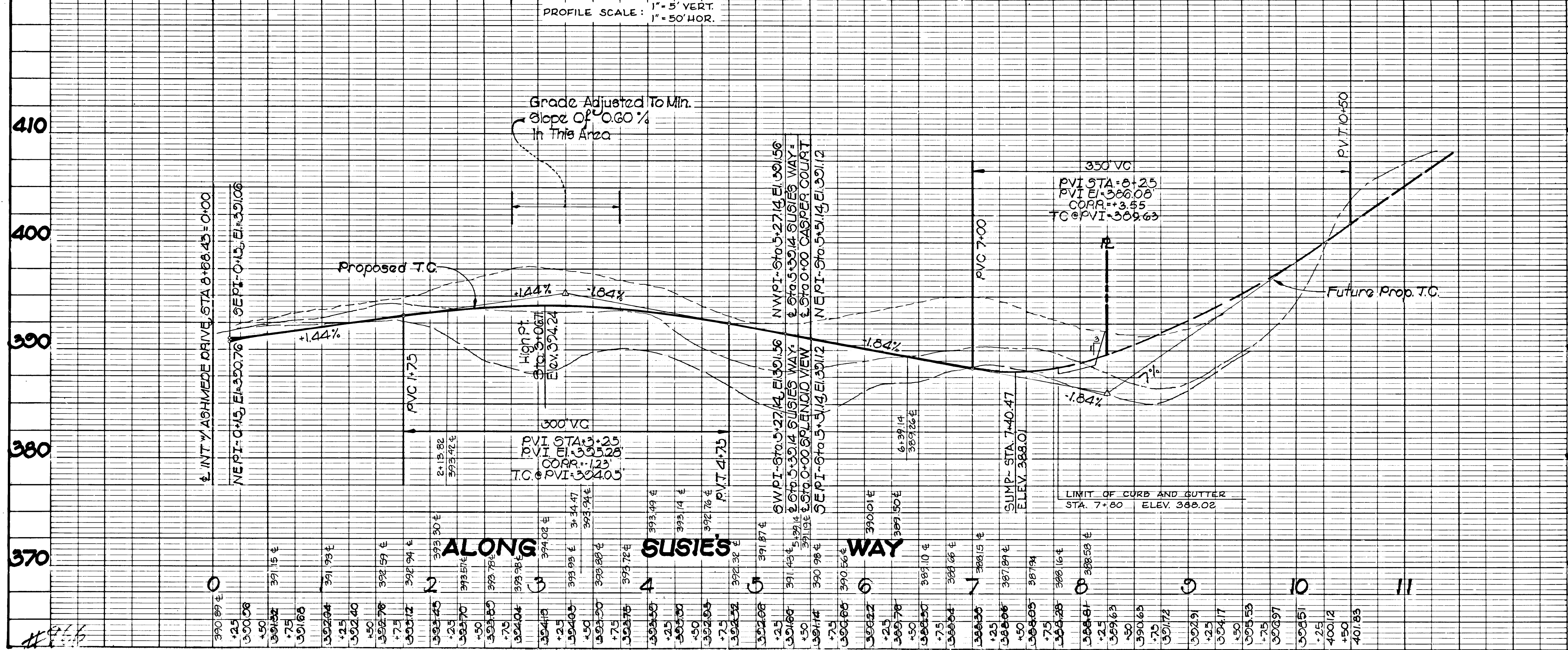


CURVE DATA
 $\Delta = 17^{\circ}30'01''$
 $R = 395.00'$
 $L = 120.05'$
 $T = 60.80'$
 $CHD = 687^{\circ}30'10''E, 120.18'$

CURVE DATA
 $\Delta = 26^{\circ}52'07''$
 $R = 395.00'$
 $L = 185.23'$
 $T = 94.35'$
 $CHD = 682^{\circ}40'17''E, 183.54'$

PLAN SCALE: 1" = 50'

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



DEPARTMENT OF PUBLIC WORKS
K. ...
 CHIEF, BUREAU OF ENGINEERING

OFFICE OF PLANNING AND ZONING
John ...
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

LEGEND

- EX. GR. @ BLDG. RESTRICTION RIGHT
- EX. GR. @ BLDG. RESTRICTION LEFT
- EX. GR. @ CENTERLINE (E)
- EX. GR. @ CURB
- PROPOSED GRADE LINE

REVISIONS

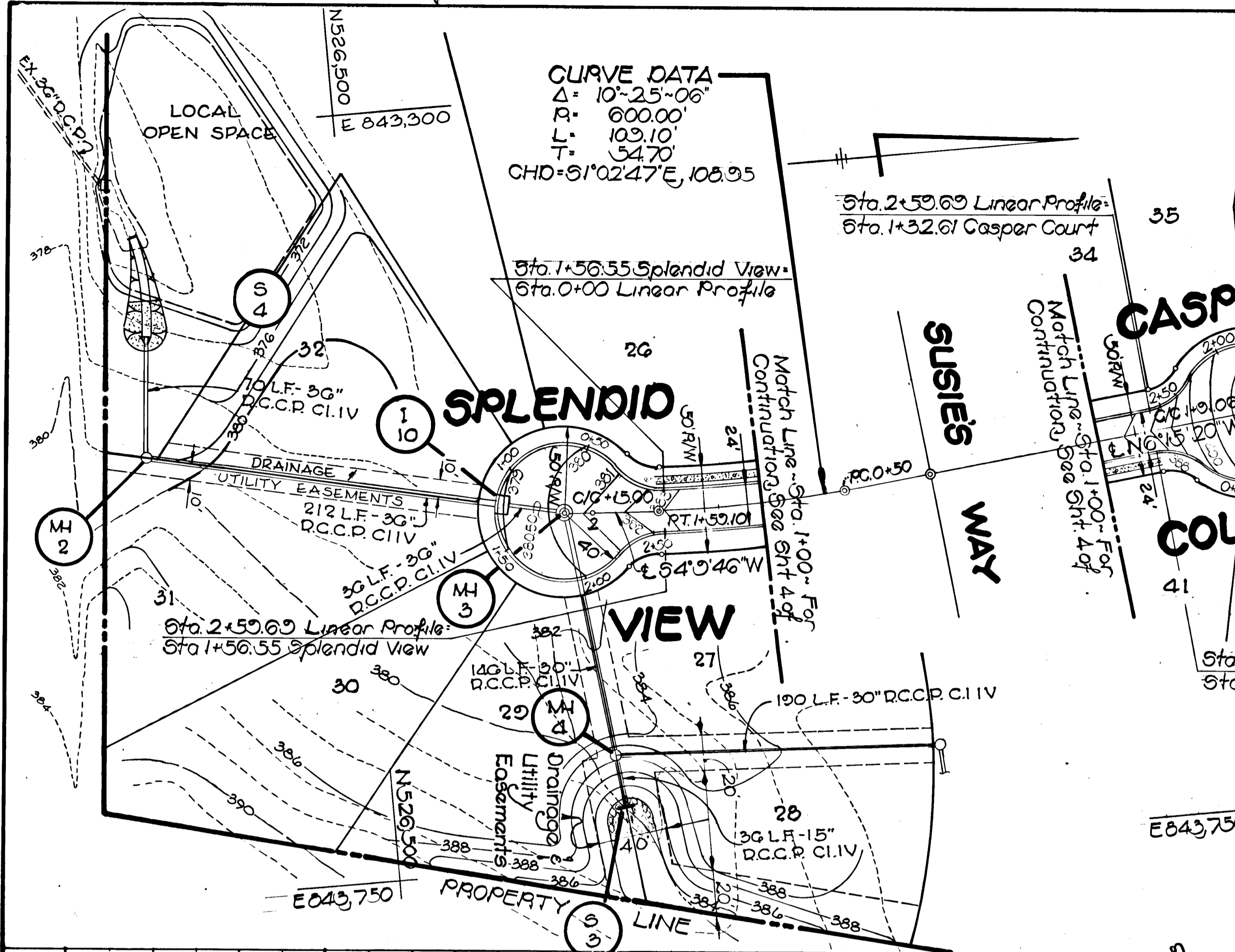
NO.	DATE	DESCRIPTION
1	1-27-83	PER. CO. COMMENTS
2	5-14-85	PER STATE HEALTH COMMENTS

SPELLMAN, LARSON & ASSOCIATES, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
 PHONE: 823-3535

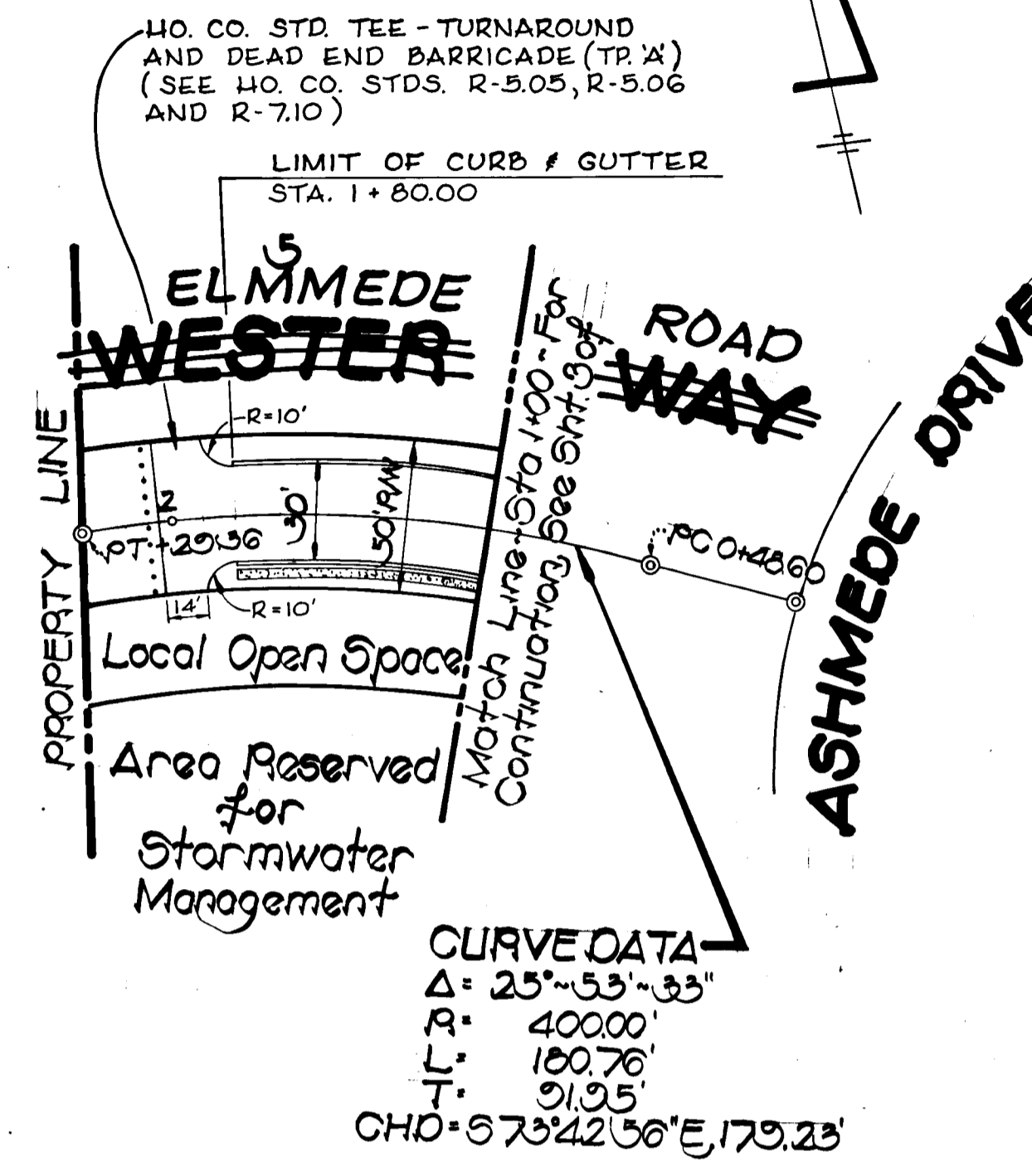
OWNER-DEVELOPER
 County Vista Partnership
 9185 Reisterstown Road,
 Baltimore, Maryland 21286

PROJECT TITLE:
BOUNTY VISTA ROAD PLAN
 SUSIE'S WAY
 2nd Elec. Dist. Howard Co., Md.

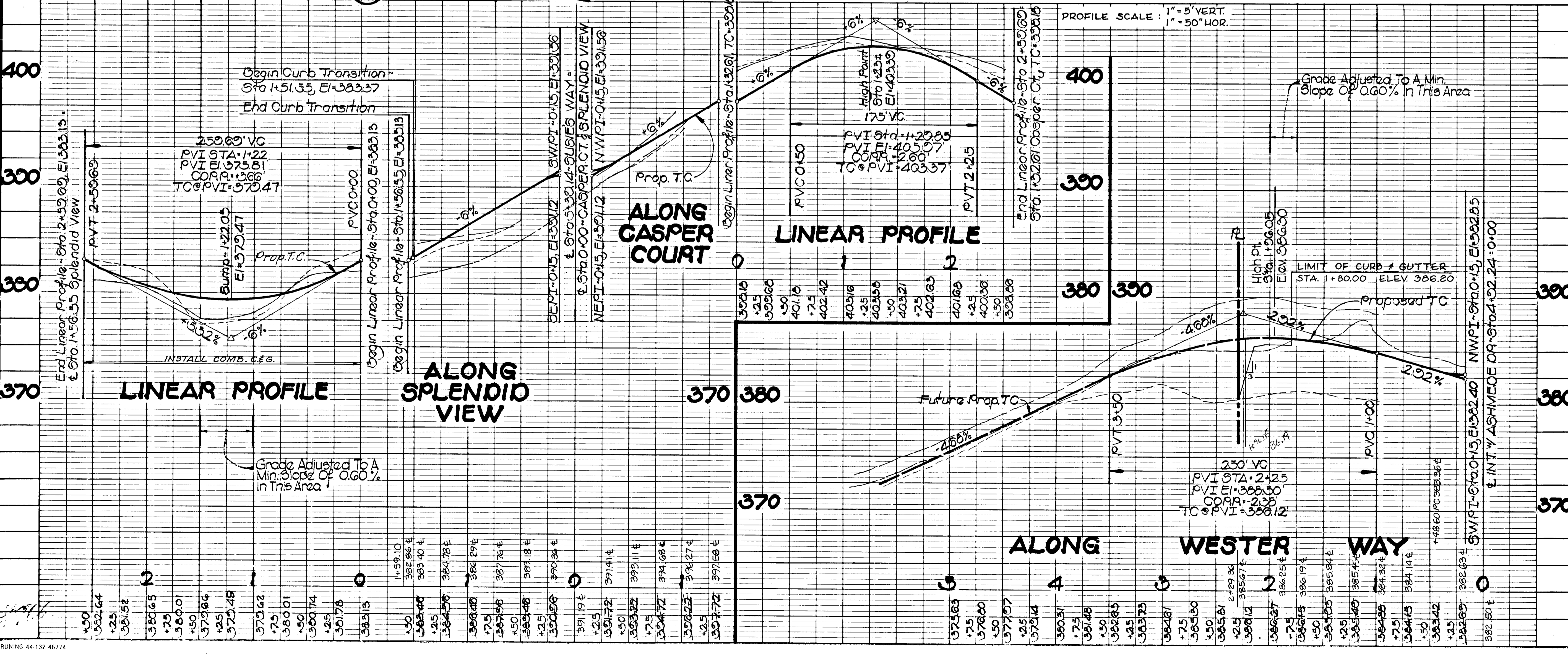
DATE: 2-23-83
 FILE NO: F-83-99
 JOB NO: 78157
 AS-BUILT 10-22-87



STRUCTURE SCHEDULE						
NO.	TYPE	INV. IN.	INV. OUT.	TOP EL.	LOCATION	REMARKS
I-10	DBL. 'WD' COMB. INLET	373.72	373.52	379.47	LINEAD P.D. STA. 1+22.05	H.C. DWG. 8.0-4.34
M-2	5' SHALLOW PRECAST M4	371.19	370.99	379.50	AS SHOWN IN PLAN	H.C. DWG. G-5.13
M-3	5' SHALLOW PRECAST M4	375.00	374.60	380.40	E.CUL-DE-SAC, STA. 2+15	H.C. DWG. G-5.13
M-4	5' STANDARD PRECAST M4	379.32	378.68	388.90	AS SHOWN IN PLAN	H.C. DWG. G-5.13
S-3	C' ENDWALL	-	381.42	383.88	"	H.C. DWG. 8.0-5.21
S-4	CONC. END SECTION	370.29	-	373.29	AS SHOWN IN PLAN	H.C. DWG. 8.0-5.51



PLAN SCALE: 1" = 50'



STATE OF MARYLAND
 PROFESSIONAL ENGINEER
 JOHN P. SPILLMAN
 No. 3321
 10/5/84

DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF ENGINEERING
 OFFICE OF PLANNING AND ZONING
 JOHN W. MURPHY 10-26-84
 ZONING ADMINISTRATION DATE

LEGEND
 EX. GR. @ BLDG. RESTRICTION RIGHT
 EX. GR. @ BLDG. RESTRICTION LEFT
 EX. GR. @ CENTERLINE (C)
 EX. GR. @ CURB
 PROPOSED GRADE LINE
 REVISIONS
 NO. DATE DESCRIPTION
 1 5/14/85 PER STATE HEALTH COMMENTS

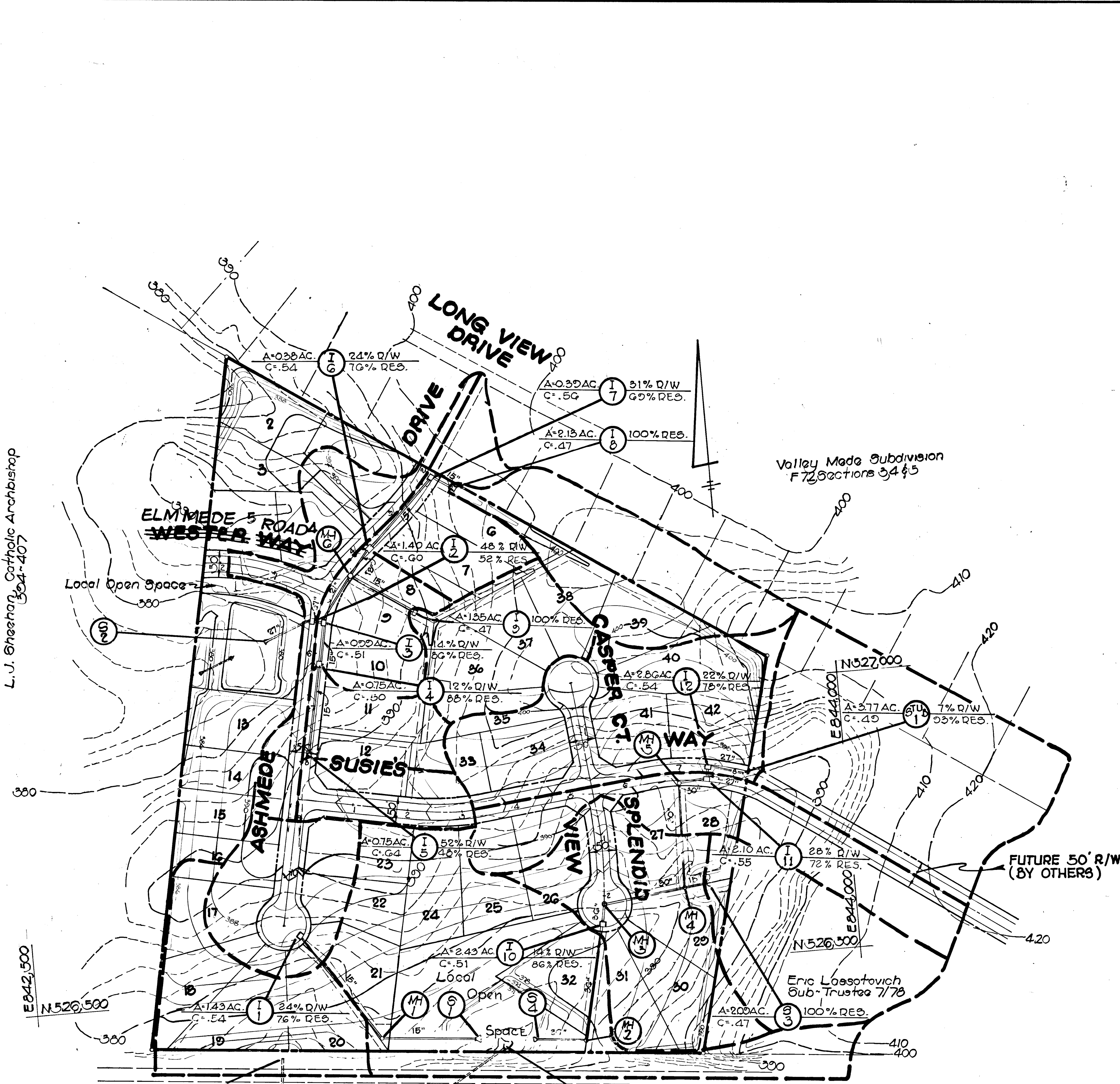
SPELLMAN, LARSON & ASSOCIATES, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
 PHONE: 823-3535

OWNER-DEVELOPER
 County Vista Partnership
 2105 Garrison Road
 Garrison, Maryland 21055

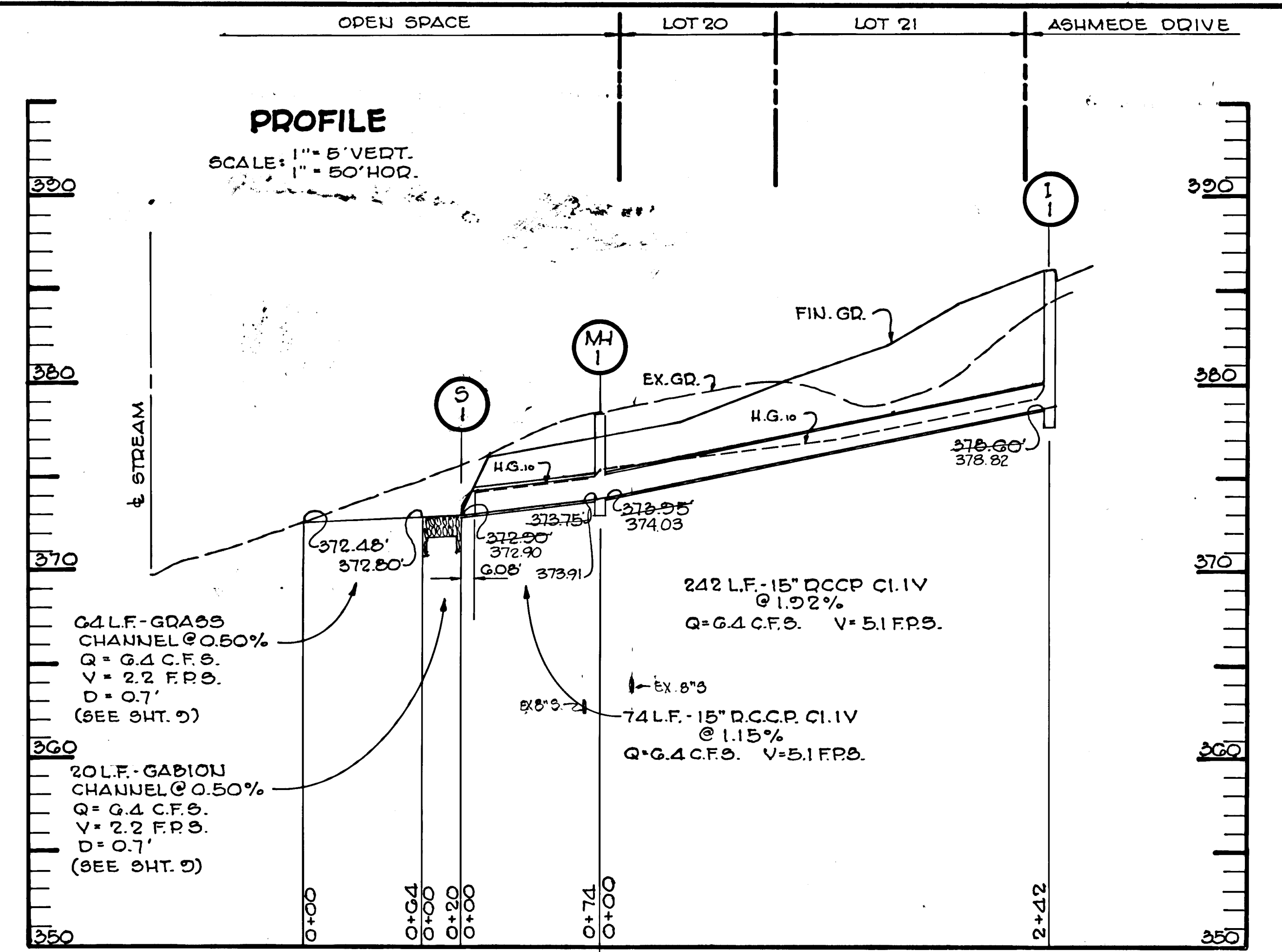
PROJECT TITLE:
 Low RI Corporation
 7179 NEW YORK LANE
 GLEN BURNIE, MD. 21061
 (301) 766-6366

COUNTY VISTA ROAD PLAN
 SPLENDID VIEW, CASPER CT. / WESTER WAY
 2nd Elec. Dist. Howard Co., Md.
 SCALE: AS SHOWN
 DATE: 3-23-83
 FILE NO: 83-99
 JOB NO: 78137
 AS-BUILT
 10-22-87

L. J. Sheehan, Catholic Archbishop
304-407



DRAINAGE AREA MAP
Scale: 1" = 100'



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

242 L.F. - 15" D.C.C.P. C.I. IV
@ 1.92%
Q = G.4 C.F.S. V = 5.1 F.P.S.

74 L.F. - 15" D.C.C.P. C.I. IV
@ 1.15%
Q = G.4 C.F.S. V = 5.1 F.P.S.

20 L.F. - GABION CHANNEL @ 0.50%
Q = G.4 C.F.S.
V = 2.2 F.P.S.
D = 0.7'
(SEE SHT. 5)

DEPARTMENT of PUBLIC WORKS
K. J. ... 10/30/84
Chief, Bureau of Engineering
OFFICE of PLANNING AND ZONING
John M. ... 10/26/84
Chief, Div. of Land Development & ZONING ADMIN.

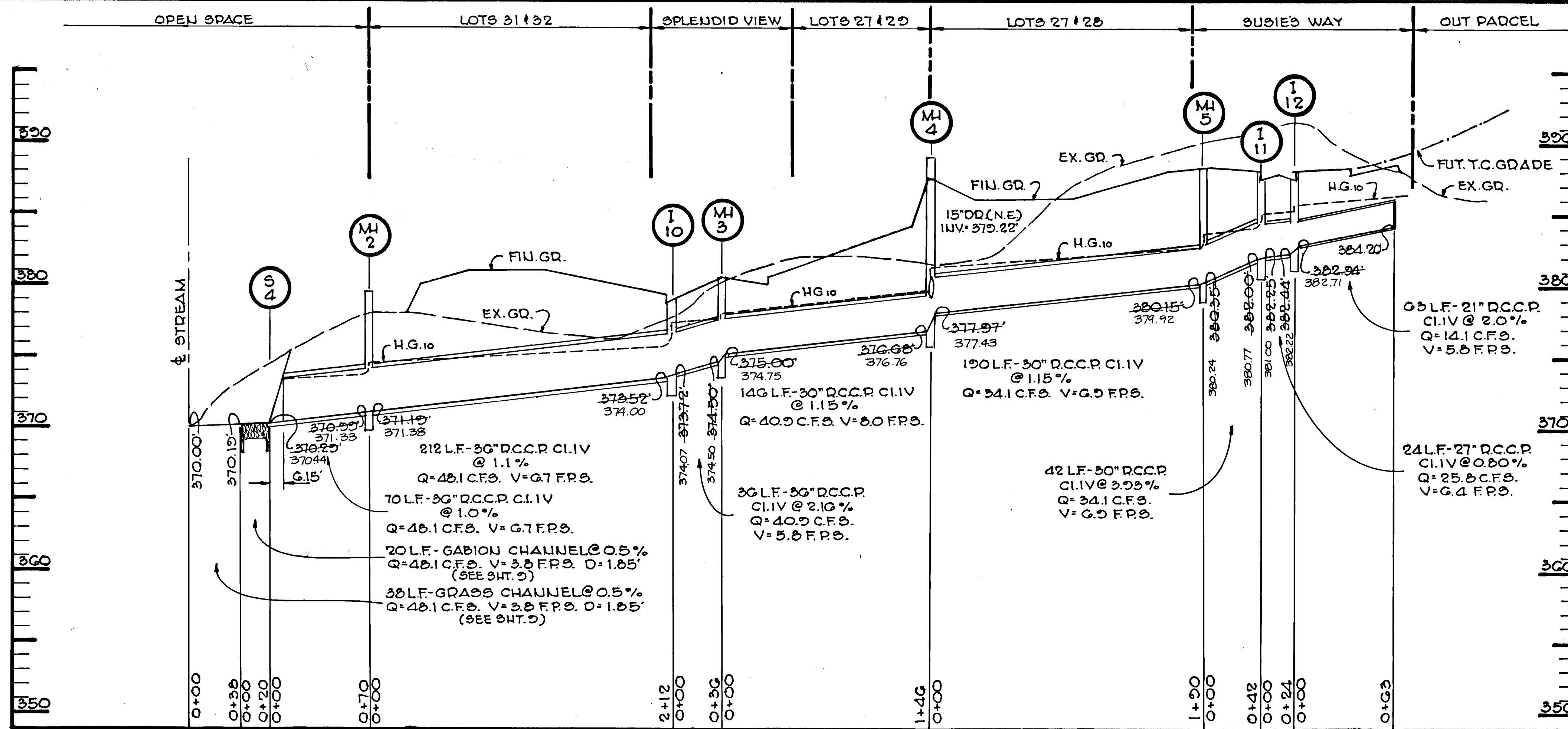
STATE OF MARYLAND
PROFESSIONAL ENGINEER
L. J. Sheehan
#3321
3/14/83

REVISIONS		
NO.	DATE	DESCRIPTION

SPELLMAN, LARSON & ASSOCIATES, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
PHONE: 823-3535

OWNER-DEVELOPER
County Vista Partnership
9185 Paisterstown Road
Garrison, Maryland 21055

COUNTY VISTA
DRAINAGE AREA MAP
2nd Elec. Dist. Howard County, Md.
SCALE: AS SHOWN DES. BY: A.W.P.
DATE: 2-23-83 DRN. BY: P.C.R. SHT. 6 OF 12



DEPARTMENT OF PUBLIC WORKS

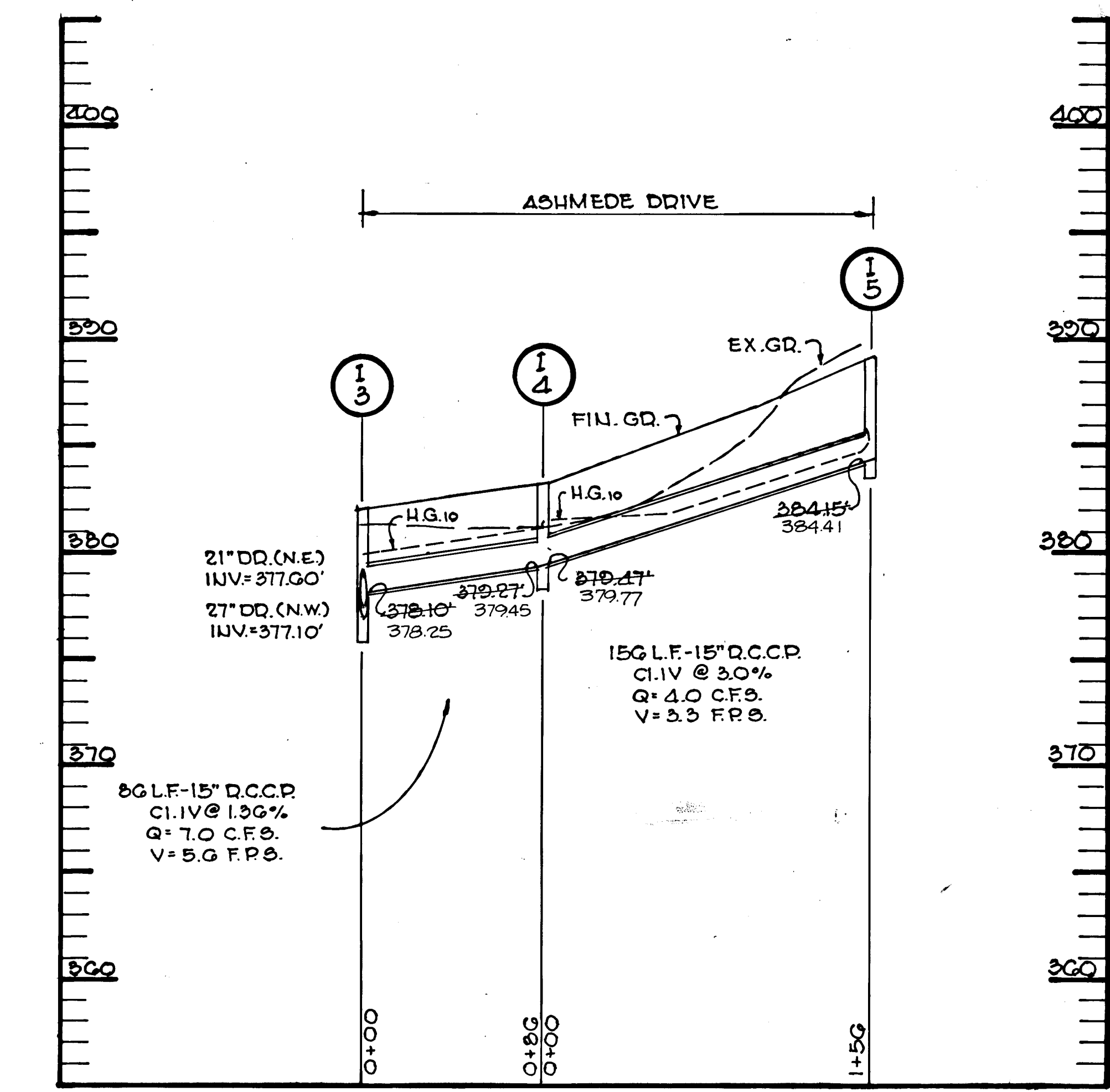
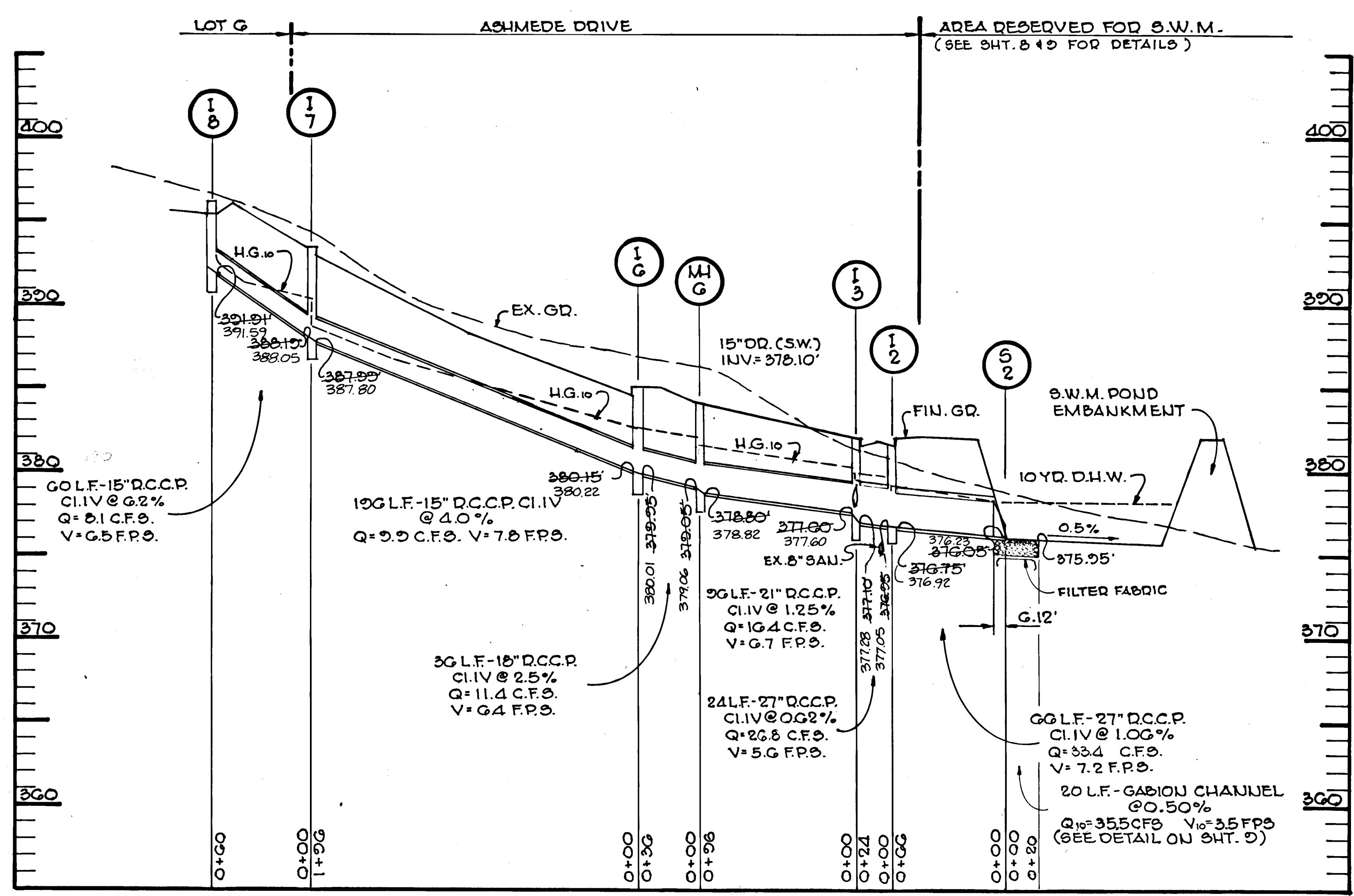
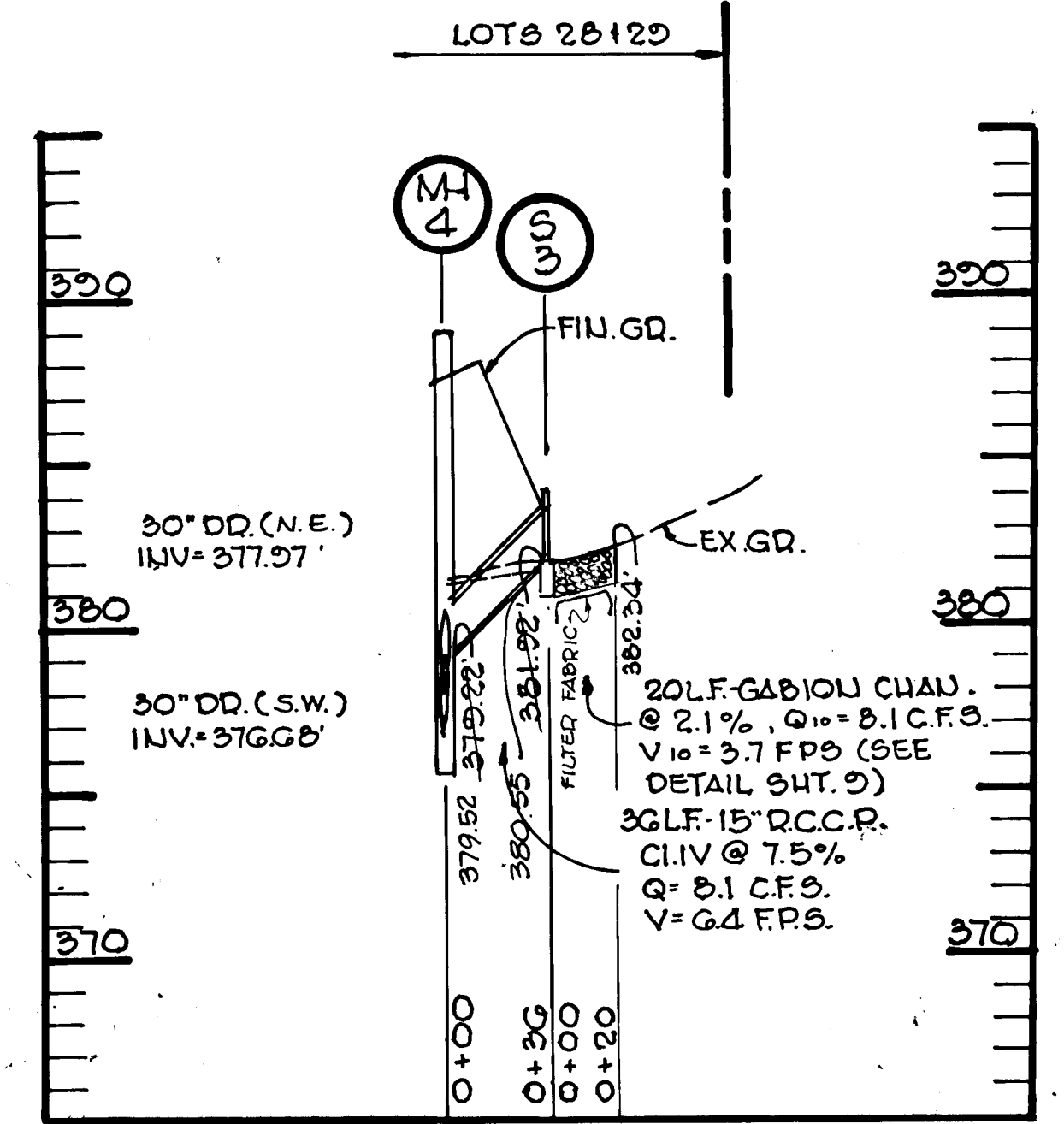
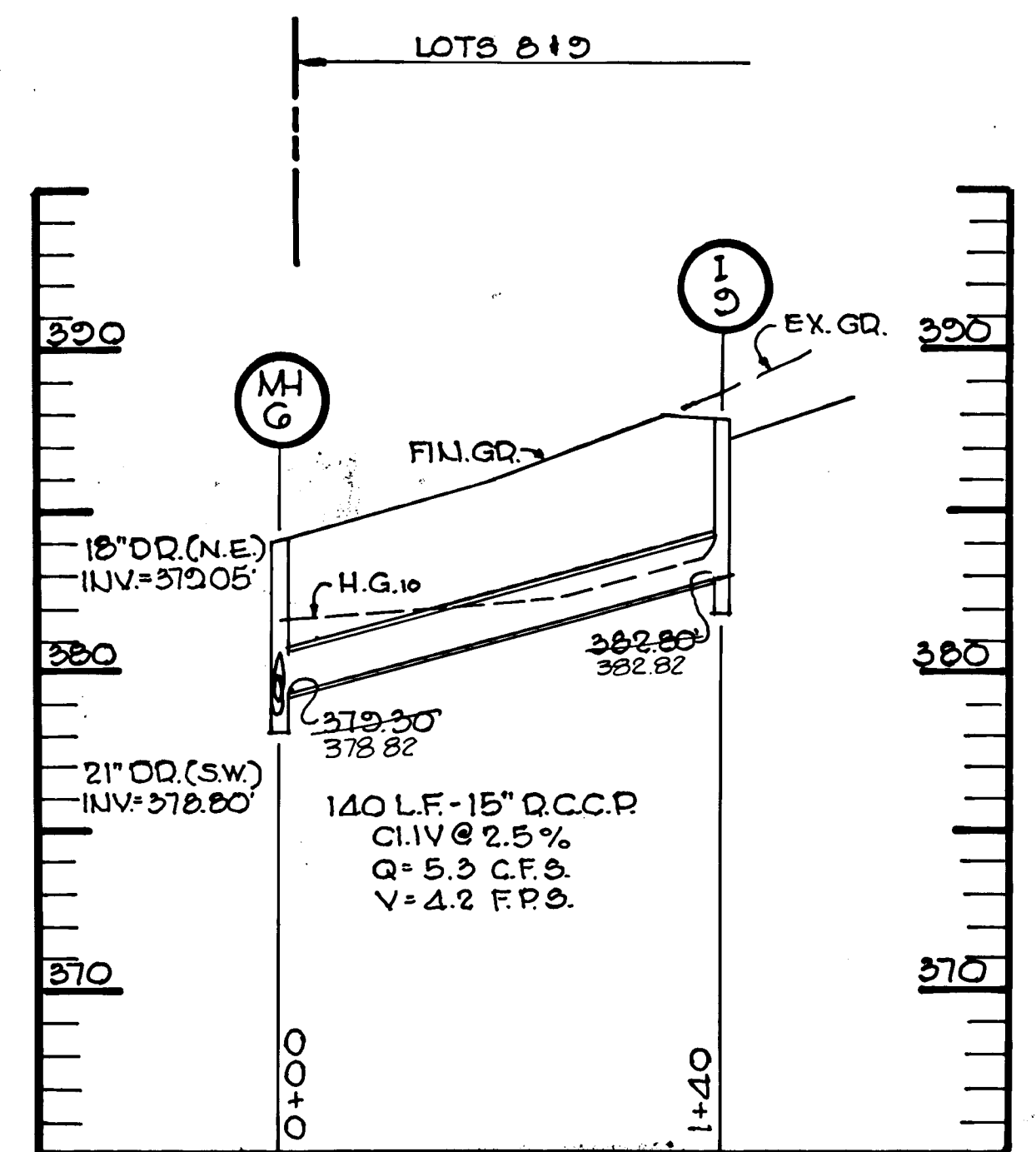
Richard P. Quinn
CHIEF, BUREAU OF ENGINEERING

OFFICE OF PLANNING AND ZONING

John W. Muschman 10-2684
CHIEF, DIV. OF LAND DEV. & ZONING ADMIN.

STATE OF MARYLAND
PROFESSIONAL ENGINEER
John J. Pascecki
#3331 3/14/83
ENGINEER NO. DATE

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



REVISIONS		
NO.	DATE	DESCRIPTION
1	5/14/85	PER STATE HEALTH COMMENTS
2	5/17/85	

SPELLMAN, LARSON & ASSOCIATES, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
PHONE: 823-3535

OWNER-DEVELOPER

~~BOUNTY VISTA PARTNERSHIP
ALEXANDER & SONS, INC.
BALTIMORE, MD. 21205~~

LowAI Corporation
7779 NEW YORK LANE
GLEN BURNIE, MD. 21051 (301) 764-8366

BOUNTY VISTA
STORM DRAIN PROFILES

SCALE: AS SHOWN DES. BY: AWD
DATE: 2-23-83 DRN. BY: AWR

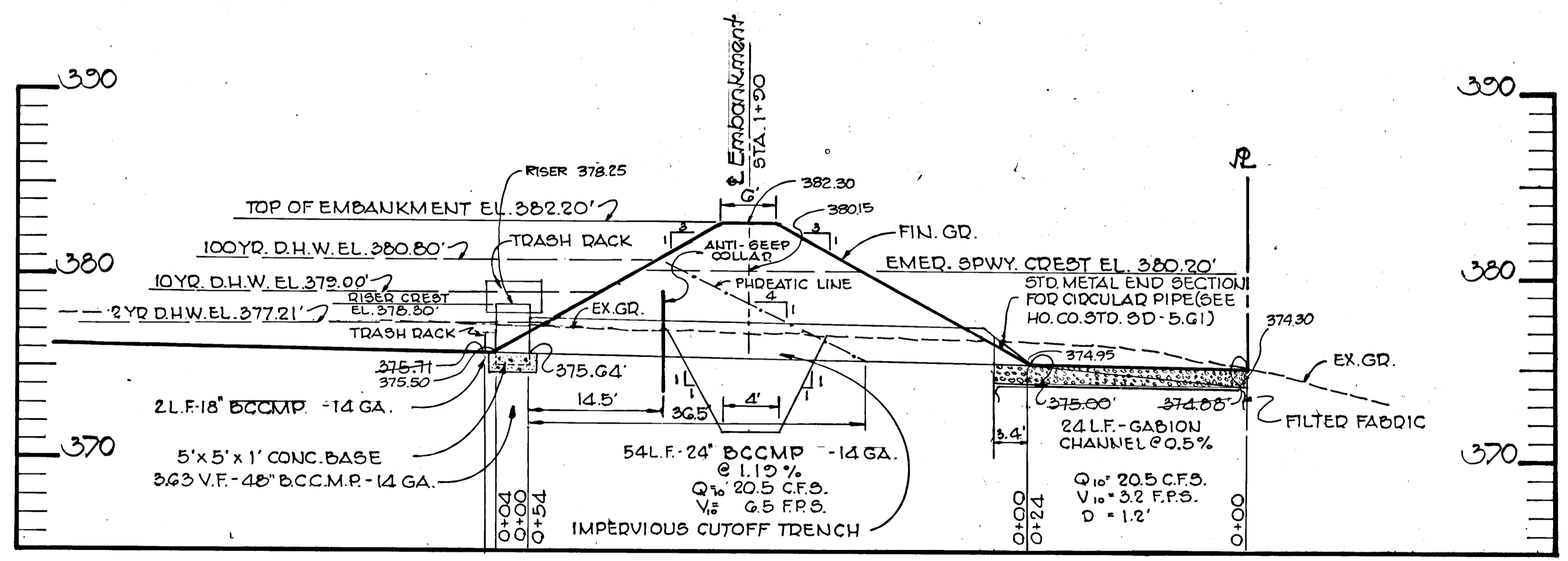
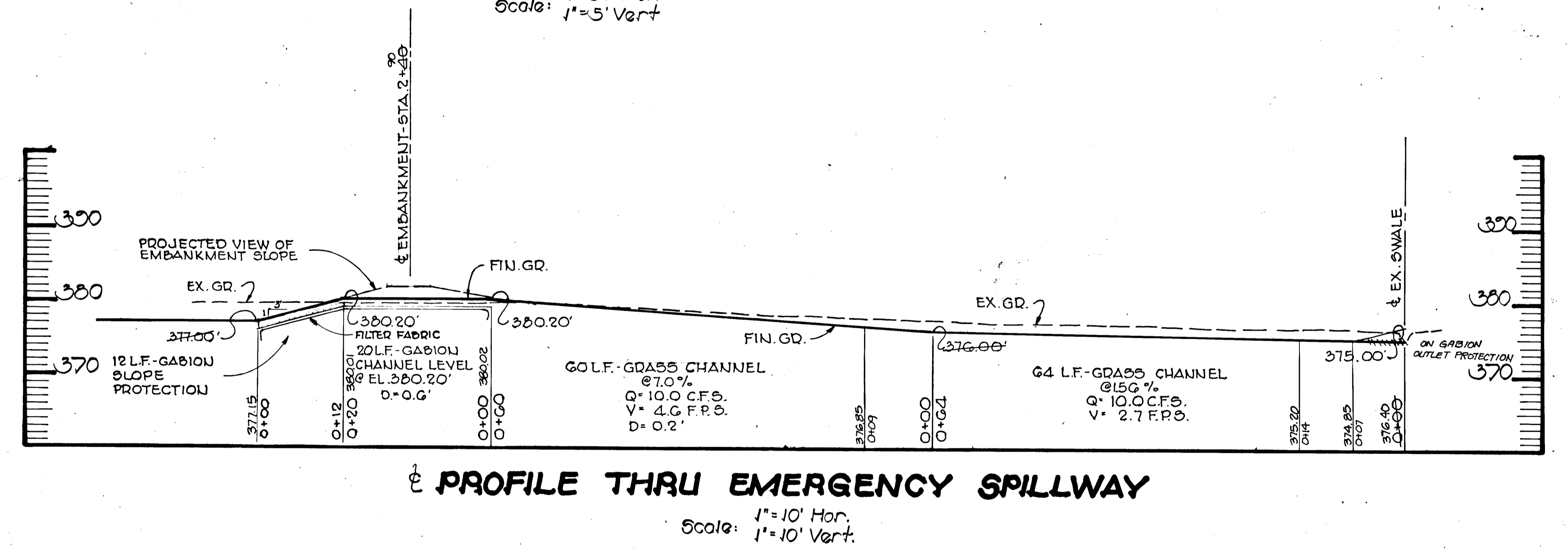
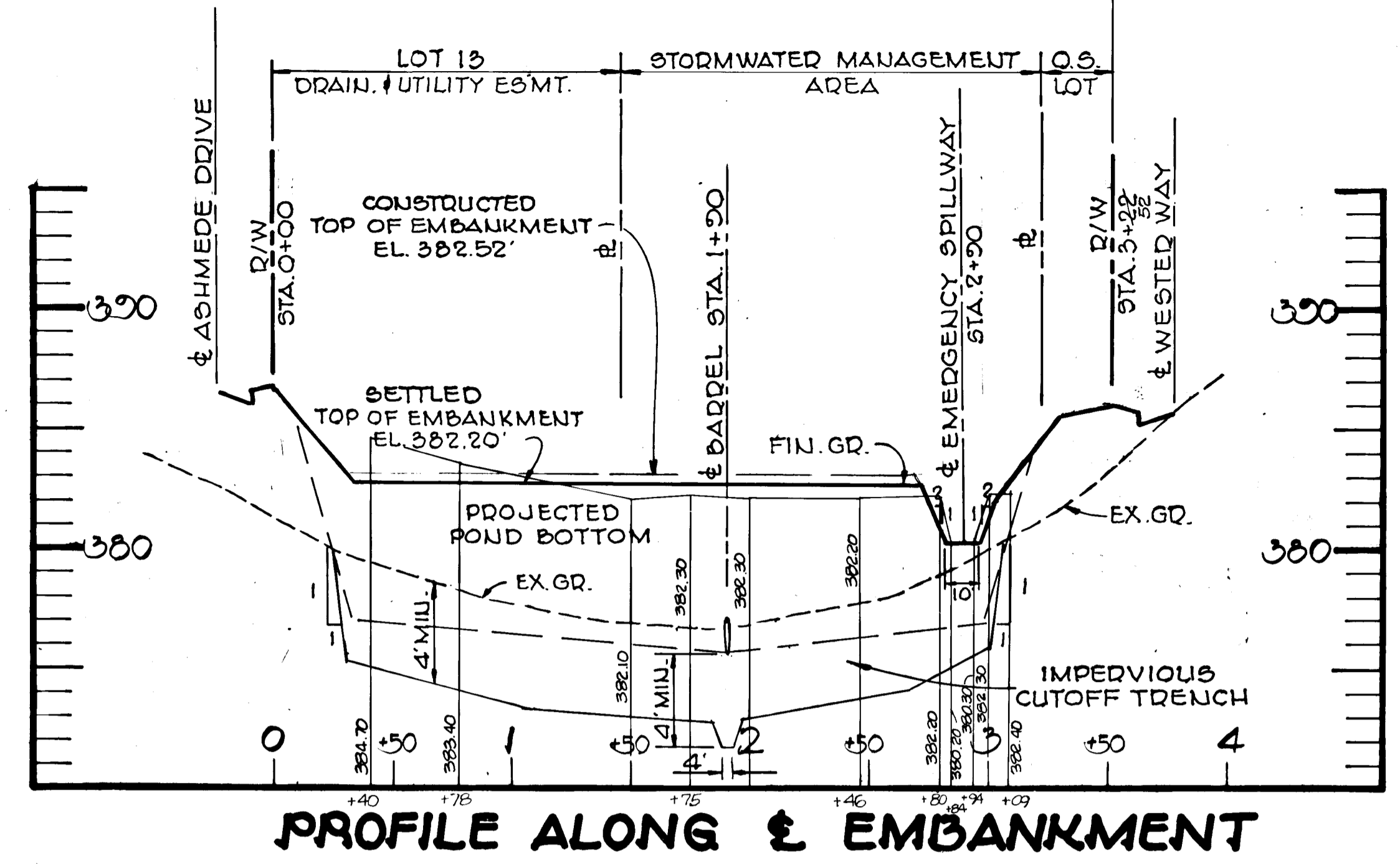
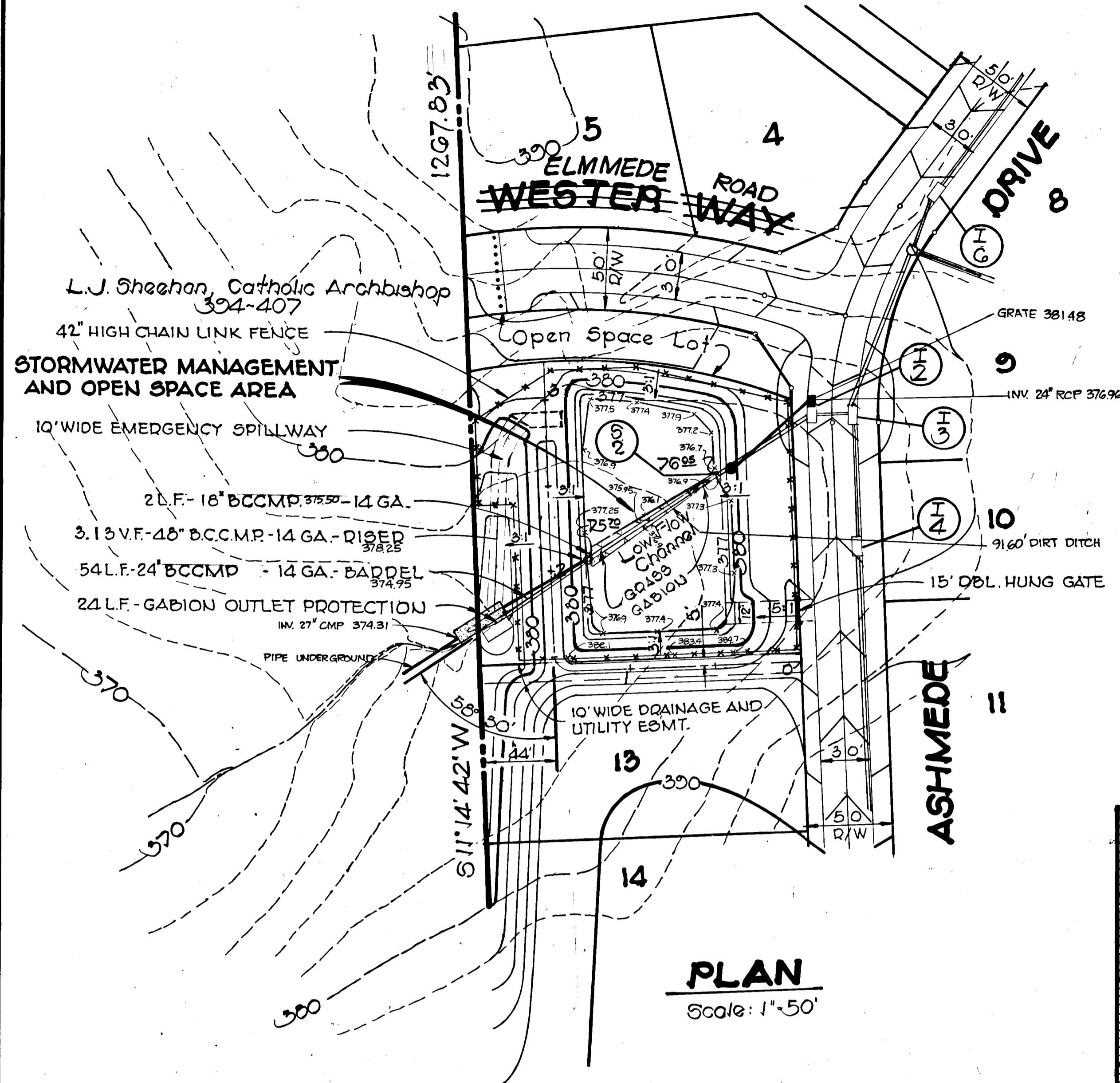
DEPARTMENT OF PUBLIC WORKS

William E. Ryan 10/30/84
CHIEF, BUREAU OF ENGINEERING

OFFICE OF PLANNING AND ZONING

John W. Murchman 10/26/84
CHIEF, DIV. OF LAND DEV. & ZONING ADMIN.

James P. Priddy 3/3/81
ENGINEER



SUMMARY TABLE

STORM FREQUENCY	INFLOW C.F.S.	OUTFLOW C.F.S.	STORAGE AC/FT	D.H.W. ELEV.
2 YR.	15.1	27	.184	377.21'
10 YR.	35.5	20.5	.700	378.17'
100 YR.	61.6	35.9	1.280	380.80'

REVISIONS

NO.	DATE	DESCRIPTION

SPELLMAN, LARSON & ASSOCIATES, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
PHONE: 823-3535

OWNER-DEVELOPER
County Vista Partnership
11779 NEW YORK LANE
GLEN BURIE, MD. 21061
(301) 652-6326

PROJECT TITLE
COUNTY VISTA
STORM WATER MANAGEMENT PLAN

2nd Elec. Dist Howard Co., Md.

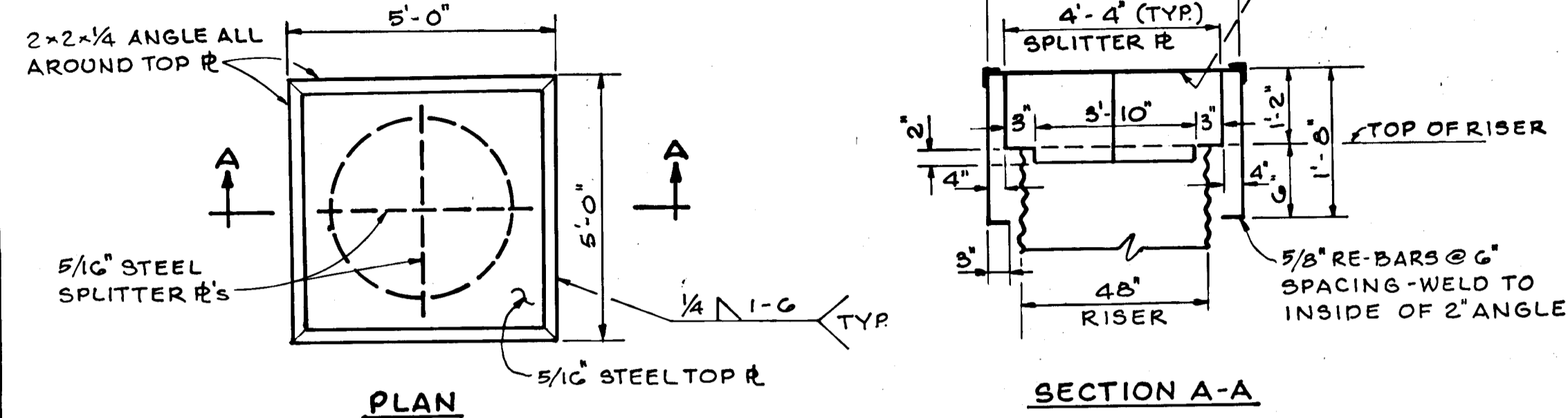
SCALE: AS SHOWN DES. BY: AWR
DATE: 3-7-84 DRN. BY: PCG SHT. 5 OF 12

F-83-99 78137 AS-BUILT 12-7-87

966

TRASH RACK NOTES

1. PAINT ASSEMBLY USING 2 COATS RED LEAD AND 2 COATS ALUMINUM.
2. FASTEN ASSEMBLY TO RISER USING ANGLES BOLTED TO SPLITTER PLATES AND VERTICAL RISER PIPE.
3. SET TOP OF ASSEMBLY LEVEL WHEN INSTALLING ON RISER.



CONSTRUCTION SPECIFICATIONS

1. AREA UNDER EMBANKMENT SHALL BE CLEARED AND GRUBBED TO REMOVE ALL TREES, VEGETATION, ROOTS OR OTHER UNSUITABLES AND TOPSOIL STRIPPED AND STOCKPILED.
2. BACKFILL FOR THE CUTOFF TRENCH AND THE UPSTREAM SIDE OF THE DAM SHALL BE THE MOST IMPERVIOUS MATERIAL AVAILABLE. THE MOVEMENT OF THE HAULING AND EQUIPMENT OVER THE FILL SHALL BE CONTROLLED SO THAT THE ENTIRE SURFACE OF EACH MAX. LAYER SHALL BE, 1) TRAVED BY NOT LESS THAN ONE TREAD TRACK OF THE EQUIPMENT, 2) COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM STD. PROCTOR DENSITY, (ASTM G99)
3. RISED ASSEMBLY TO BE SHOP FABRICATED, CONTINUOUSLY WELD BASE PLATE, DRAIN STUD & BARREL STUD TO RISED AND COAT WITH ASPHALT AFTER WELDING.
4. THE PIPE SHALL BE FIRMLY AND UNIFORMLY BEDDED THROUGHOUT ITS ENTIRE LENGTH. WHERE ROCK OR OTHER UNSUITABLE SOIL IS ENCOUNTERED UNDER THE PIPE, ALL SUCH MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE EARTH COMPACTED PER NOTE 2.
5. CONCRETE SHALL BE MARYLAND STATE HIGHWAY ADMINISTRATION MIX NO. 3. CONCRETE SHALL BE TRANSIT MIX AND INTERNALLY VIBRATED DURING PLACEMENT.
6. CONNECTING BANDS TO BE ONE OF THE FOLLOWING:
 - A) STD. BAND UTILIZING 3/8" x 7" RUBBER GASKET
 - B) HUGGED TYPE BANDS
 - C) FLANGES CONTINUOUSLY WELDED AND BOLTED TOGETHER
 - D) FLANGE BAND WITH GASKET.
7. PRINCIPAL SPILLWAY IS A TYPE 'A', 14 GAUGE, B.C.C.M.P. 24"

18" B.C.C.M.P. - 14 GA.

2-1/2" STEEL RODS WELDED OR BOLTED TO PIPE END.

TRASH RACK - 18" B.C.C.M.P.
NO SCALE

DEVELOPER'S CERTIFICATION

"I certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction of the 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 will provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."

Howard Brown 10/15/84
Date
HOWARD BROWN

ENGINEER'S CERTIFICATION

"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with an "as built" plan of the pond within 30 days of completion."

Louis J. Piasecki PE #3324 Oct 5 1984
Date
LOUIS J. PIASECKI

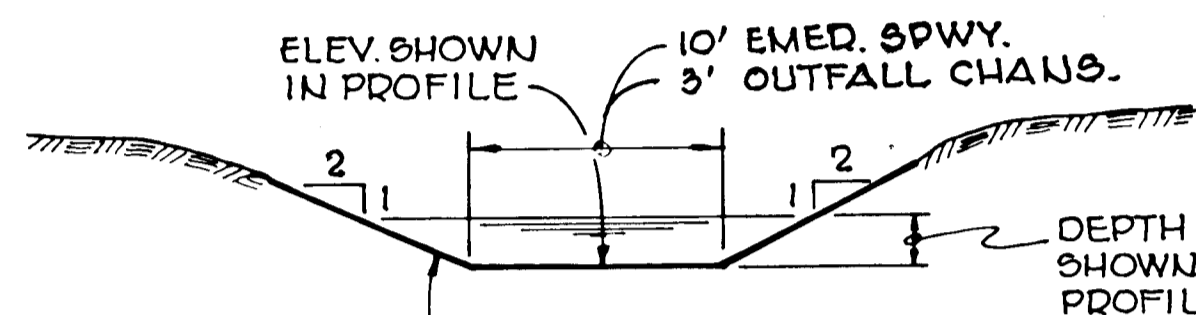
These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.

Kenneth M. Helms 10-25-84
Date
U.S. Soil Conservation Service

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

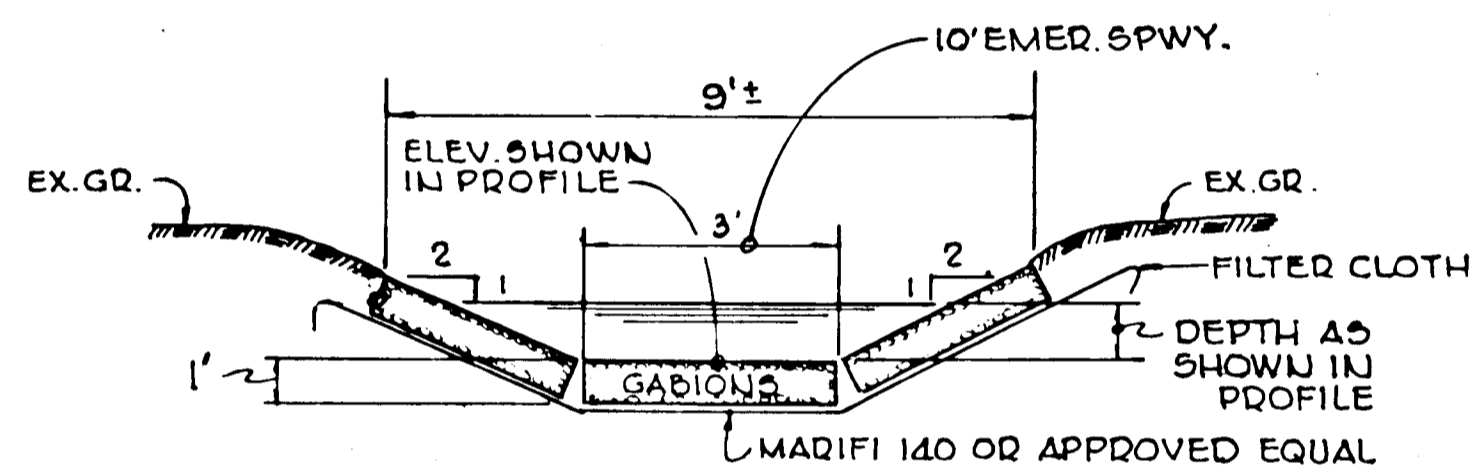
Rhett W. Richms 10-25-84
Date
Howard Soil Conservation District

CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE
NO SCALE



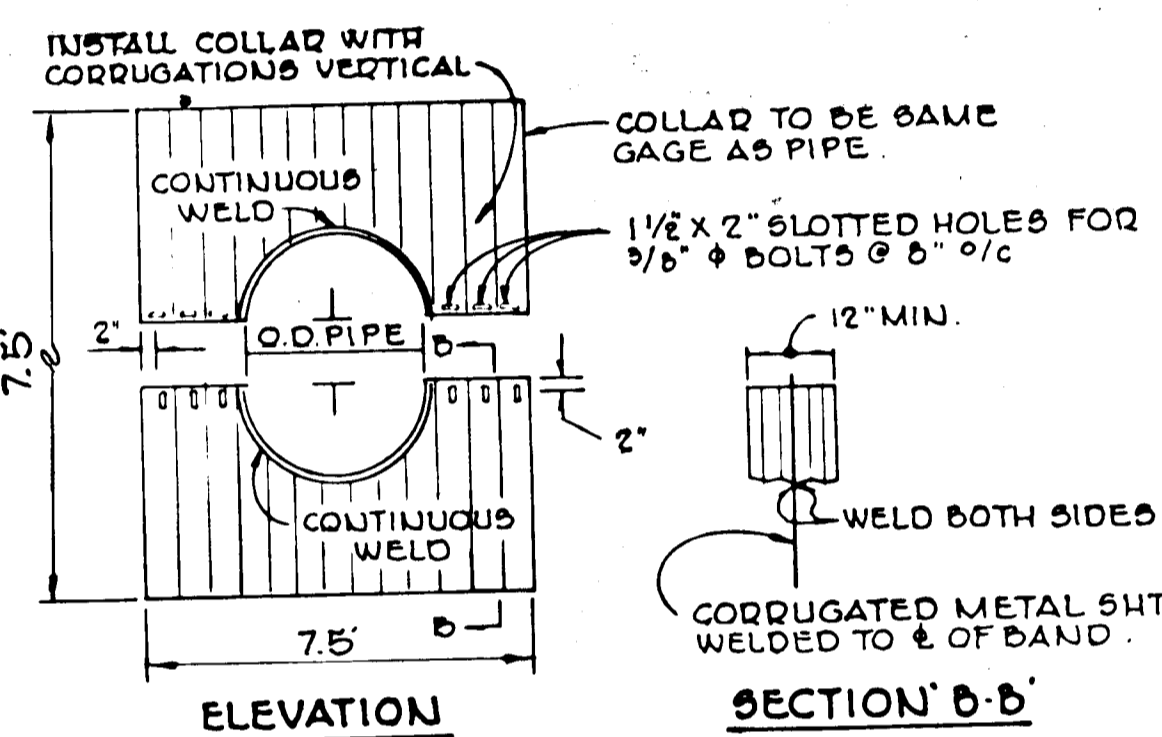
ALL DISTURBED EARTH TO BE STABILIZED PER SEEDING NOTES IMMEDIATELY AFTER BEING BROUGHT TO FINAL GRADE.

EMER. SPWY. & GRASS CHANNEL
NO SCALE



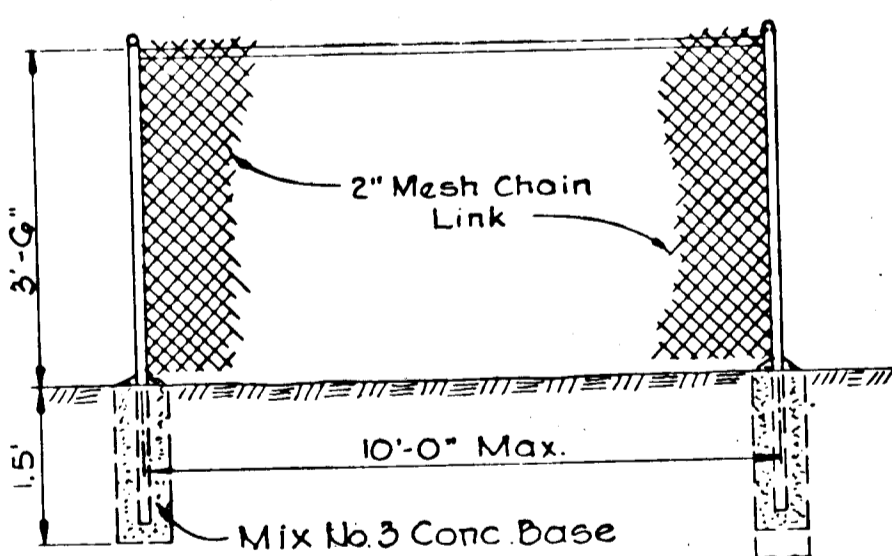
ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE MD STATE HWY. ADMIN. STD. AND SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, SECTION 817

GABION CHANNEL
NO SCALE



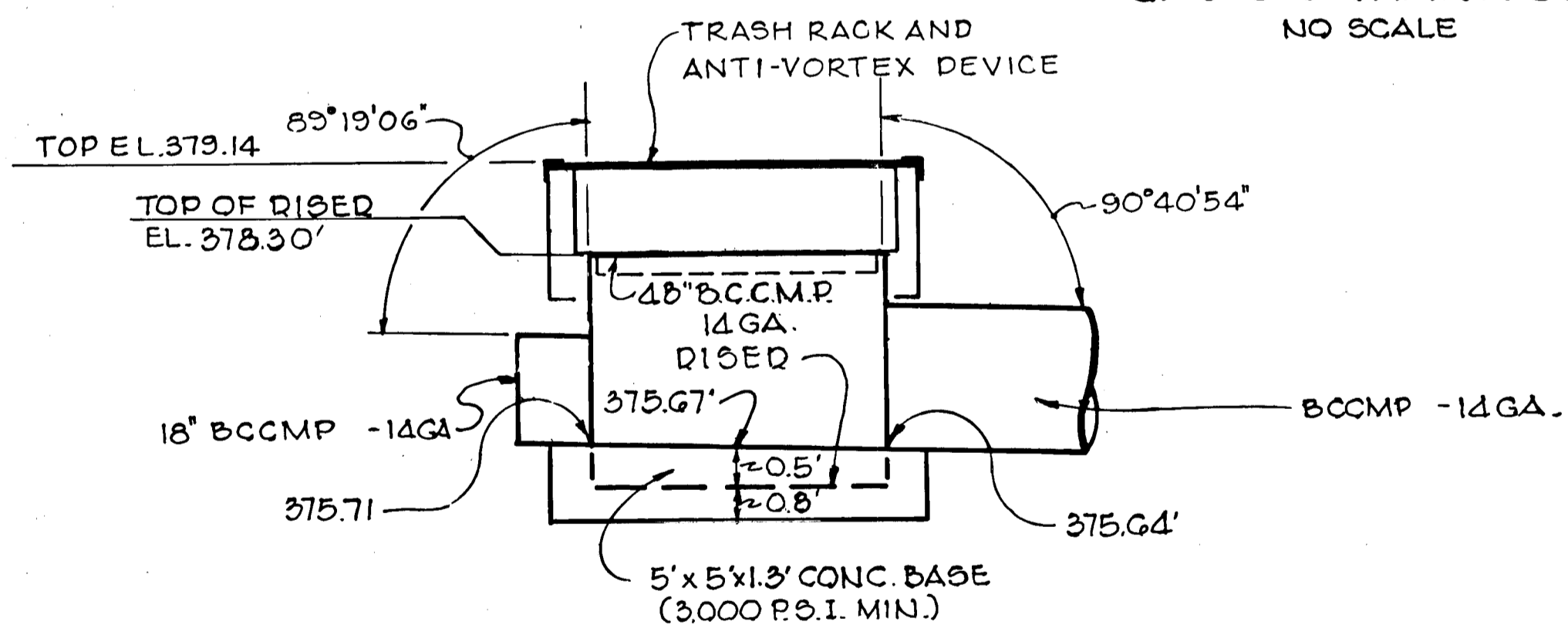
- COLLAR NOTES**
1. ALL MATERIALS TO BE IN ACCORDANCE WITH CONSTRUCTION MATERIAL SPECIFICATIONS.
 2. ALL COLLARS SHALL BE BITUMINOUS COATED.
 3. UNASSEMBLED COLLARS SHALL BE MARKED BY PAINTING OR TAGGING TO IDENTIFY MATCHING PAIRS.
 4. THE LAP BETWEEN TWO HALF SECTIONS, PIPE AND CONNECTING BAND SHALL BE CAULKED WITH ASPHALT MASTIC AT THE TIME OF INSTALLATION.
 5. EACH COLLAR SHALL BE FURNISHED WITH TWO 1/2" x 3/8" RODS WITH STD TANK LUGS FOR CONNECTING COLLAR TO PIPE.

CORRUGATED METAL ANTI-SEEP COLLAR
NO SCALE



Fence is to be constructed in accordance with the manufacturer's and MSHA Details G90.01 & G90.02 the specifications for a G' Fe. shall be used inserting 42" Fabric & G'-8" post.

42" FENCE
NO SCALE



RISER ASSEMBLY ELEVATION/DETAIL
SCALE: 1" = 2'

PERMANENT SEEDING

SEEDBED PREPARATION: LOOSEN UP TO 3" OF SOIL BY BAKING, DISCING, OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE OR 2 LBS. PER 1000 S.F. AND 600 LBS. PER ACRE 0-20-20 FERTILIZER OR 14 LBS. PER 1000 S.F. HADROW OR DISC LIME AND FERTILIZED INTO UPPER 3" OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE OR 2 LBS. PER 1000 S.F. OF 30-0-0 UREA FORM FERTILIZER AND 500 LBS. OR 11.5 LBS. PER 1000 S.F. OF 10-20-20 FERTILIZER.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE OR 1.4 LBS. PER 1000 S.F. 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 OF 0-05 LBS. PER 1000 S.F. OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 15 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) - 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE 500. OPTION (3) - SEED WITH 60 LBS. PER ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE OR 70 TO 90 LBS. PER 1000 S.F. OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GAL. PER ACRE OR 5 GAL. PER 1000 S.F. OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 3 FEET OR HIGHER, USE 345 GAL. PER ACRE OR 8 GAL. PER 1000 S.F. FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING

SEEDBED PREPARATION: (SAME AS ABOVE)

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE OR 15 LBS. PER 1000 S.F. OF 10-20-10 FERTILIZER.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 15 THRU NOV. 15, SEED WITH 2 1/2 BUSHELS PER ACRE OR 3 LBS. PER 1000 S.F. OF ANNUAL RYE FOR THE PERIOD MAY 1 THRU AUGUST 14 SEED WITH 3 LBS. PER ACRE OR 0.7 LBS. PER 1000 S.F. OF WEEPING LOVEGRASS.

MULCHING: (SAME AS ABOVE)

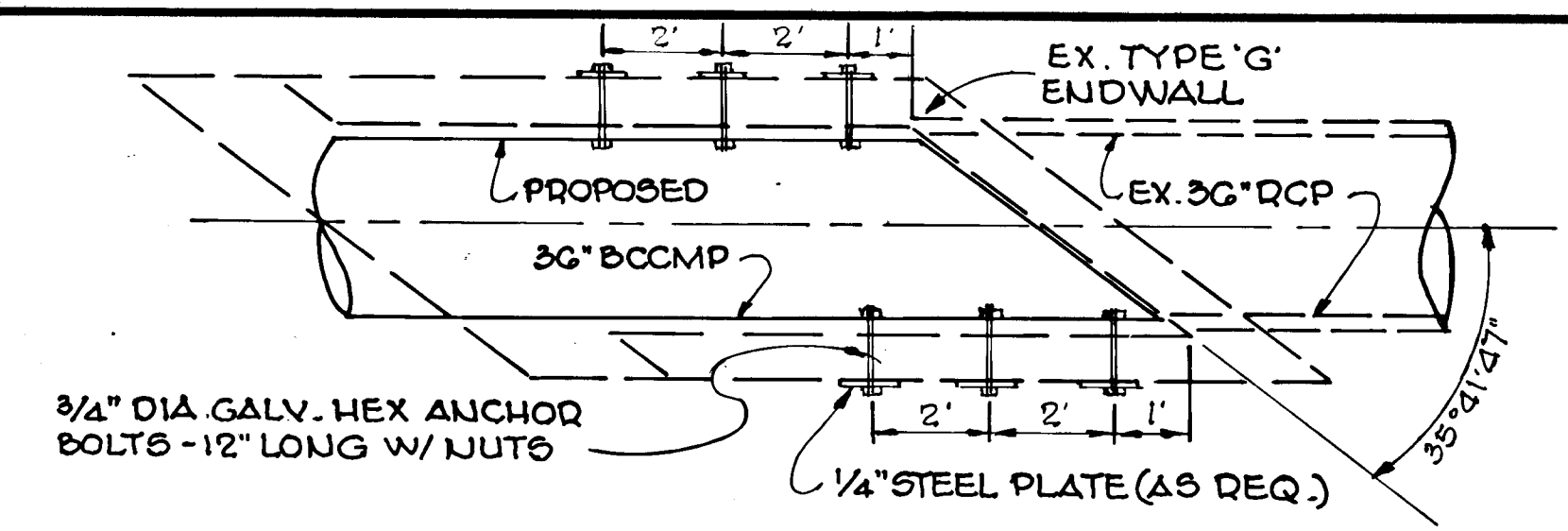
REVISIONS		
NO.	DATE	DESCRIPTION
1	8/14/84	PER STATE HEALTH COMMENTS

SPELLMAN, LARSON & ASSOCIATES, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
PHONE: 823-3535

OWNER/DEVELOPER
BOUNTY VISTA PARTNERSHIP
2155 DEISTER TOWNSHIP DR.
GARDERS, MD. 21055

DEPARTMENT OF PUBLIC WORKS
William E. Quinn 10/26/84
CHIEF, BUREAU OF ENGINEERING
OFFICE OF PLANNING AND ZONING
John W. Muehlenberg 10-26-84
CHIEF, DIV. OF LAND DEVELOP. & ZONING ADMIN. DATE

PROJECT TITLE
BOUNTY VISTA
STORM WATER MANAGEMENT DETAILS
2ND ELEC. DIST. HOWARD COUNTY, MD.
SCALE: AS SHOWN DES. BY: AWD SHT. 9 OF 12
DATE: 3-7-84 DRN BY: E.D.J.

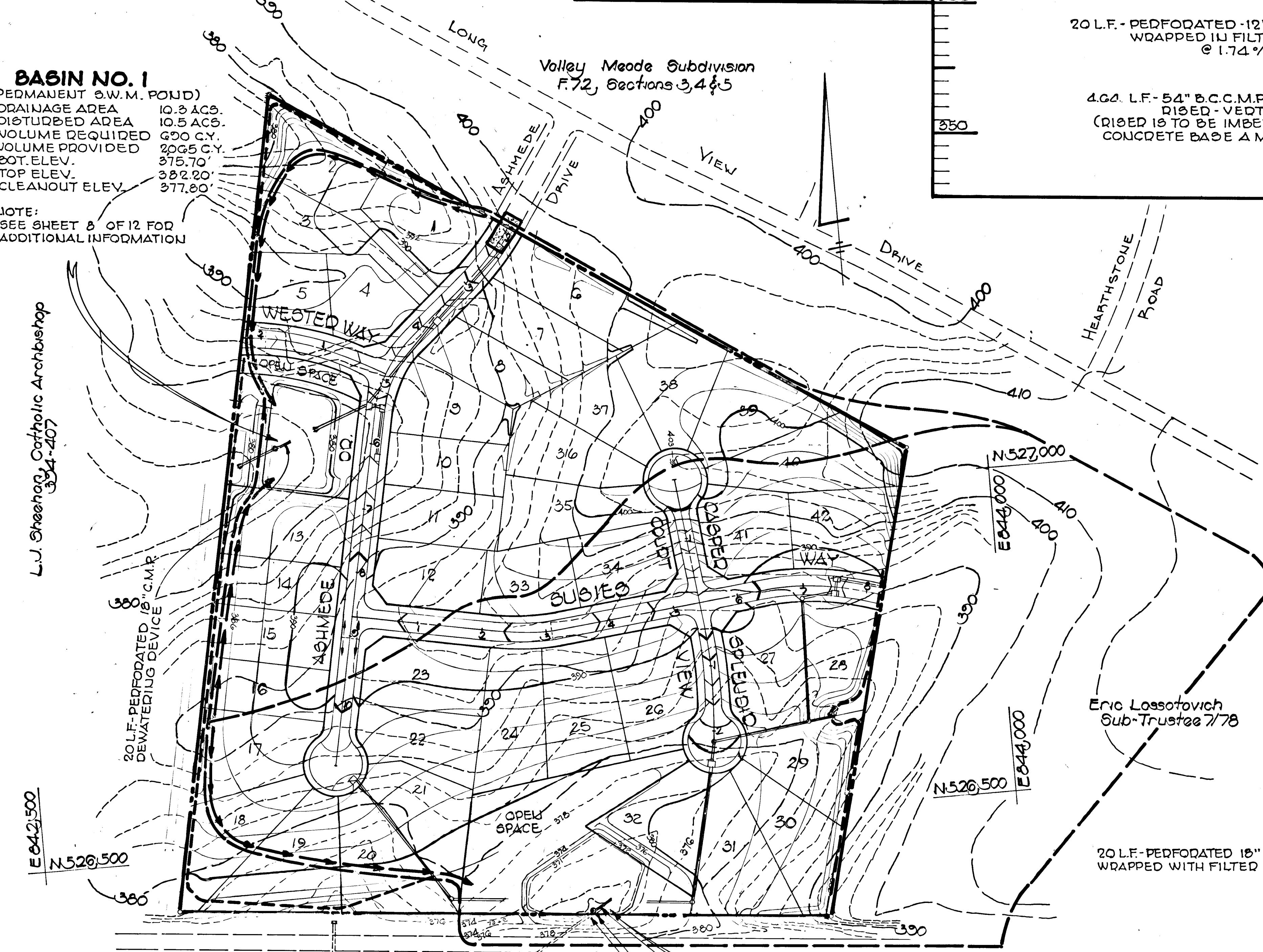


THE 37\"/>

DETAIL OF CONNECTION TO EX. 36\"/>

BASIN NO. 1
 (PERMANENT S.W.M. POND)
 DRAINAGE AREA 10.3 ACS.
 DISTURBED AREA 10.5 ACS.
 VOLUME REQUIRED 620 C.Y.
 VOLUME PROVIDED 2065 C.Y.
 BOT. ELEV. 375.70'
 TOP ELEV. 382.20'
 CLEANOUT ELEV. 377.80'

NOTE:
 SEE SHEET 8 OF 12 FOR
 ADDITIONAL INFORMATION



LEGEND

- SILT FENCE
- DIVERSION DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- DRAINAGE AREA LINE
- PROPERTY AND DISTURBED AREA LINE

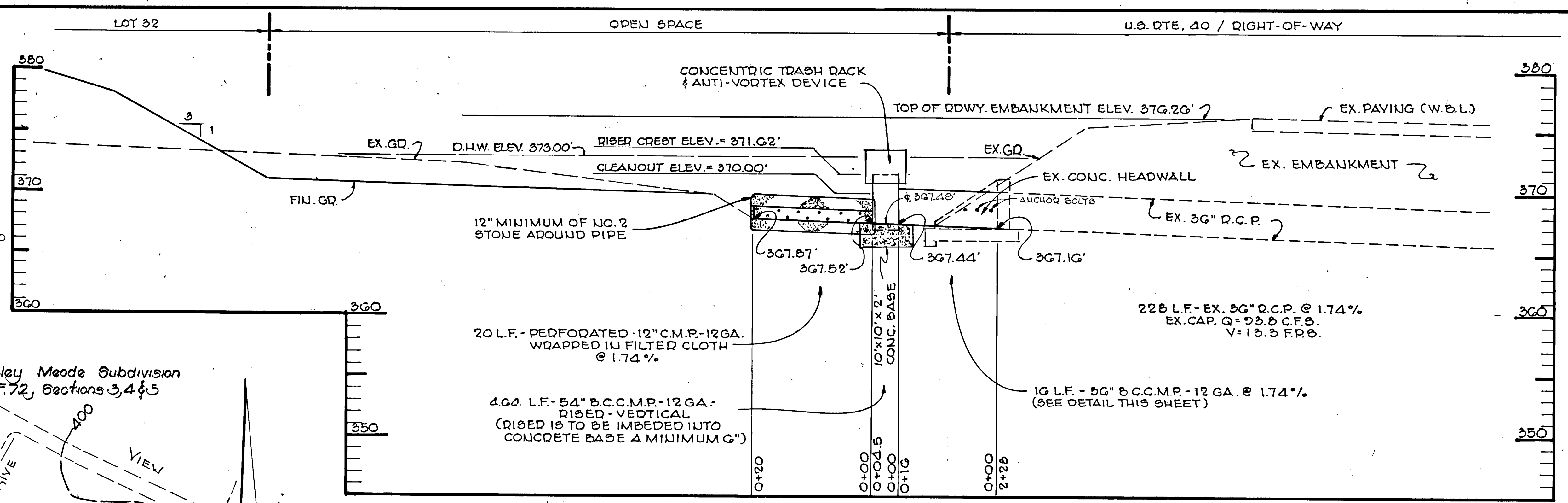
SEDIMENT CONTROL PLAN

Scale: 1" = 100'

BASIN NO. 2 - TEMPORARY

DRAINAGE AREA 20.0 ACS.
 DISTURBED AREA 13.0 ACS.
 VOLUME REQUIRED 1340 C.Y.
 VOLUME PROVIDED 1340 C.Y.
 BOT. ELEV. 367.52'
 TOP ELEV. 374.00'
 CLEANOUT ELEV. 370.00'

966

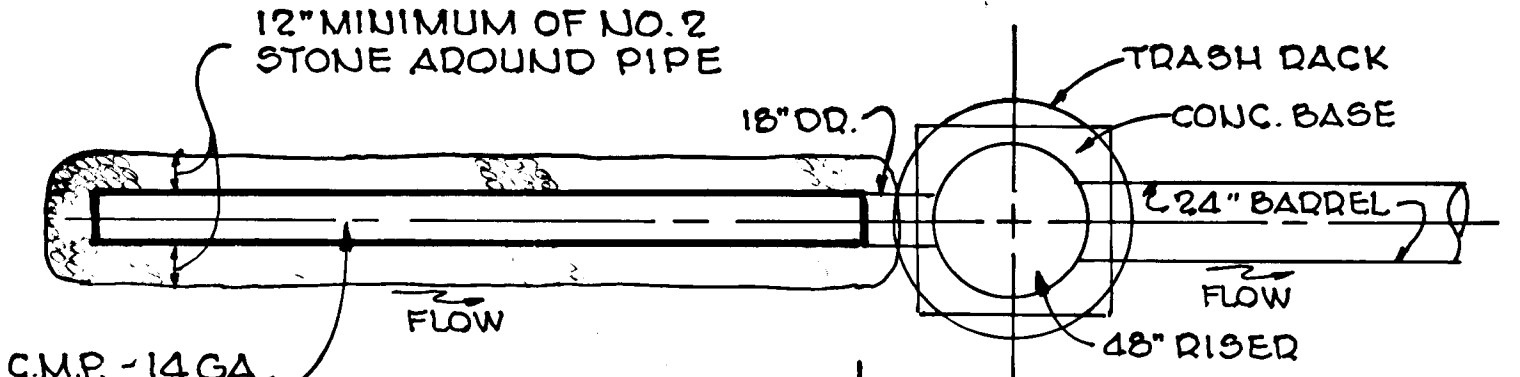


CROSS SECTION THRU BASIN NO. 2

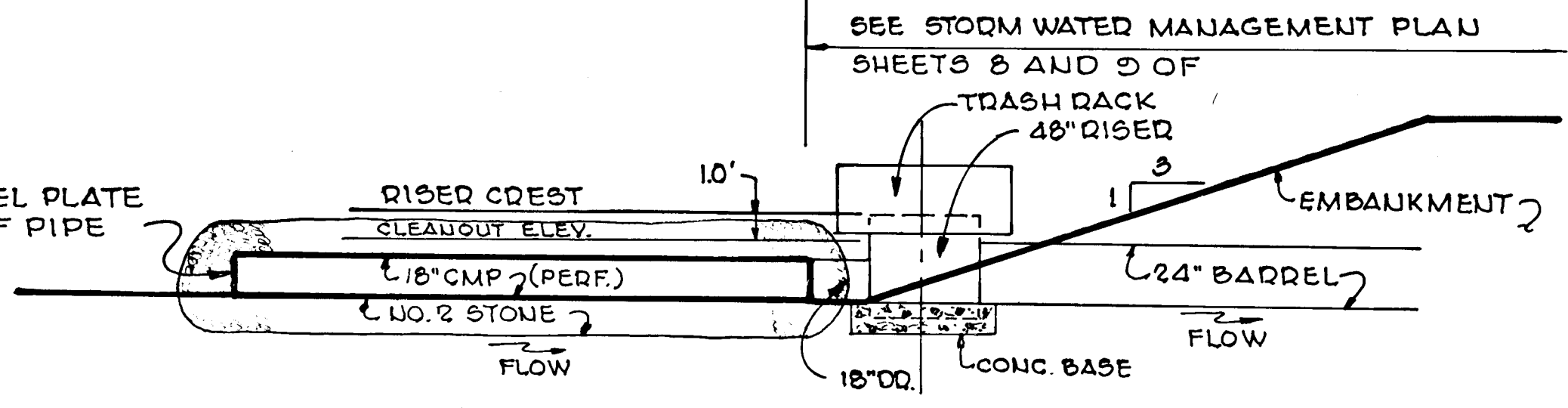
SCALE: 1" = 5' VERT.
 1" = 10' HOR.

SEQUENCE OF CONSTRUCTION

1. OBTAIN A GRADING PERMIT
2. NOTIFY THE SEDIMENT CONTROL DIVISION (992-2430) 48 HOURS PRIOR TO THE START OF OPERATION.
3. INSTALL STABILIZED CONSTRUCTION ENTRANCE
4. CLEAR AND GRUB FOR SEDIMENT CONTROL MEASURES ONLY.
5. INSTALL SILT FENCE
6. INSTALL BOTH SEDIMENT BASINS AND STABILIZE ALL DISTURBED EARTH IMMEDIATELY UPON COMPLETION PER THE SEEDING NOTES.
7. INSTALL DIVERSION DIKES AND STABILIZE ALL DISTURBED EARTH IMMEDIATELY UPON COMPLETION PER THE SEEDING NOTES.
8. WHEN PERMISSION IS GRANTED BY THE SEDIMENT CONTROL INSPECTOR BEGIN GRADING THE REMAINDER OF THE SITE.
9. ONCE ROADWAYS HAVE BEEN BROUGHT TO FINAL SUBGRADE INSTALL WATER AND SEWER
10. INSTALL STORM DRAINAGE
11. FINISH ROAD CONSTRUCTION
12. WHEN PERMISSION IS GRANTED BY THE SEDIMENT CONTROL INSPECTOR REMOVE ANY SEDIMENT CONTROL MEASURES THAT ARE NO LONGER NECESSARY.
13. WHEN ELIMINATING BASIN NO. 1, REMOVE THE DEWATERING DEVICE AND RESTORE BASIN TO ORIGINAL DIMENSIONS AS SHOWN ON THE APPROVED STORM WATER MANAGEMENT PLANS AND STABILIZE ALL DISTURBED EARTH IMMEDIATELY UPON COMPLETION PER THE SEEDING NOTES.
14. WHEN ELIMINATING BASIN NO. 2, REMOVE THE DEWATERING DEVICE, RISED AND BARREL AND RESTORE UPSTREAM END OF THE EXISTING 36" RCP TO ITS ORIGINAL CONDITION STABILIZING ALL DISTURBED EARTH IMMEDIATELY UPON COMPLETION.



PLAN



ELEVATION

DETAIL OF DEWATERING DEVICE FOR BASIN NO. 1 - (PERM S.W.M. POND)

SCALE: 1" = 5'

DEPARTMENT OF PUBLIC WORKS
William P. Ryan 10/20/84
 Chief, Bureau of Engineering

OFFICE OF PLANNING AND ZONING
John W. Menschman 10-26-84
 Chief, Division of Land Development
 ZONING ADMINISTRATION

STATE OF MARYLAND
 PROFESSIONAL ENGINEER
Jim Pincetti #3321
 DATE: 3/14/83

REVISIONS	
NO.	DESCRIPTION

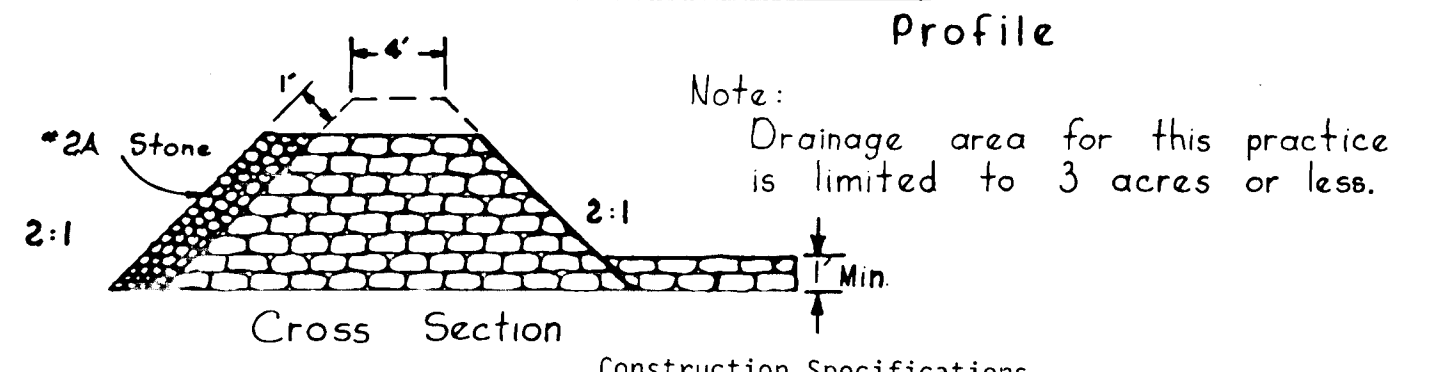
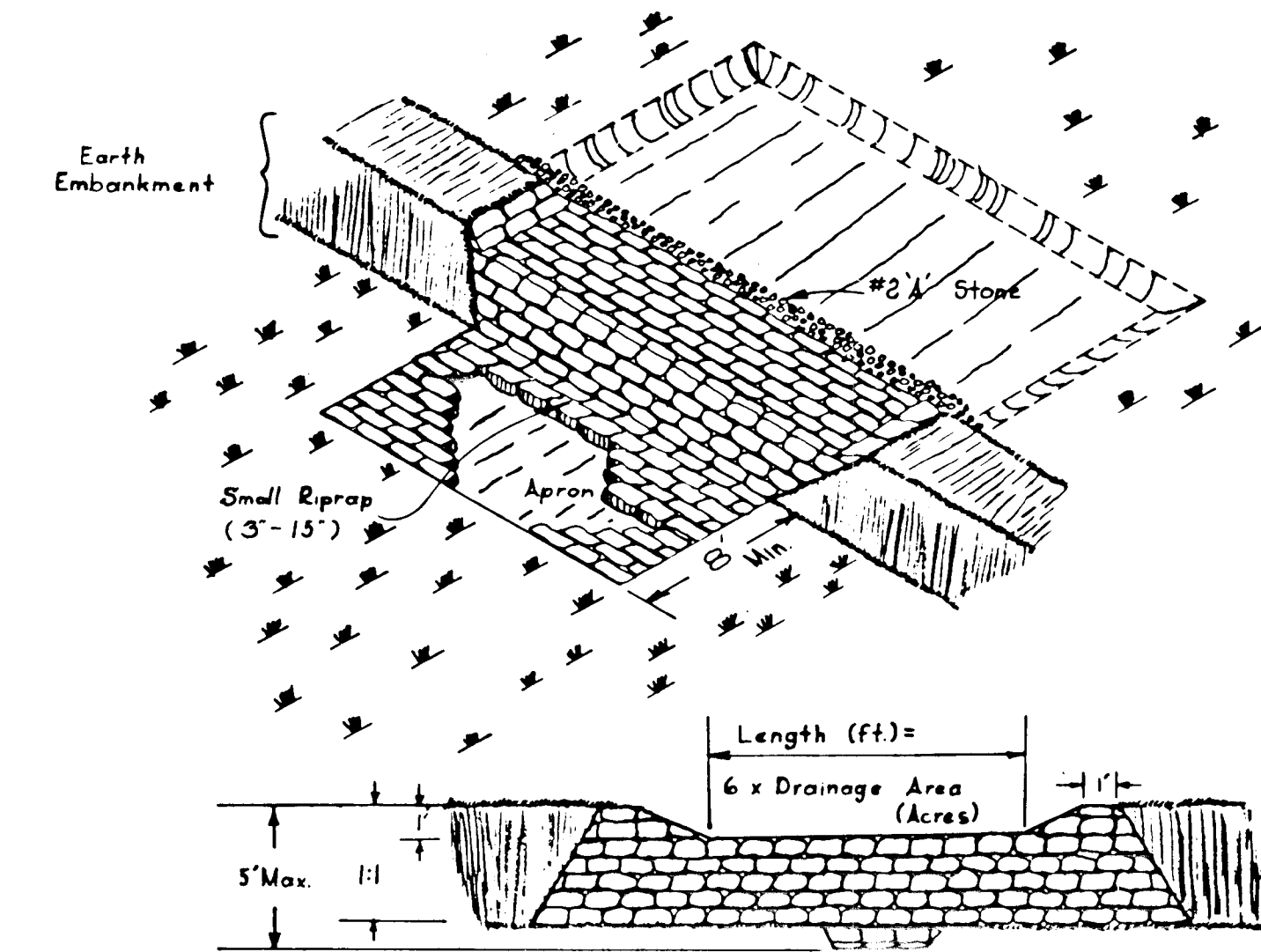
SPELLMAN, LARSON & ASSOCIATES, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
 PHONE: 823-3535

OWNER-DEVELOPER
 County Vista Partnership
 283 Reisterstown Road
 Garrison, Maryland 21065

PROJECT TITLE:
COUNTY VISTA
SEDIMENT CONTROL PLAN

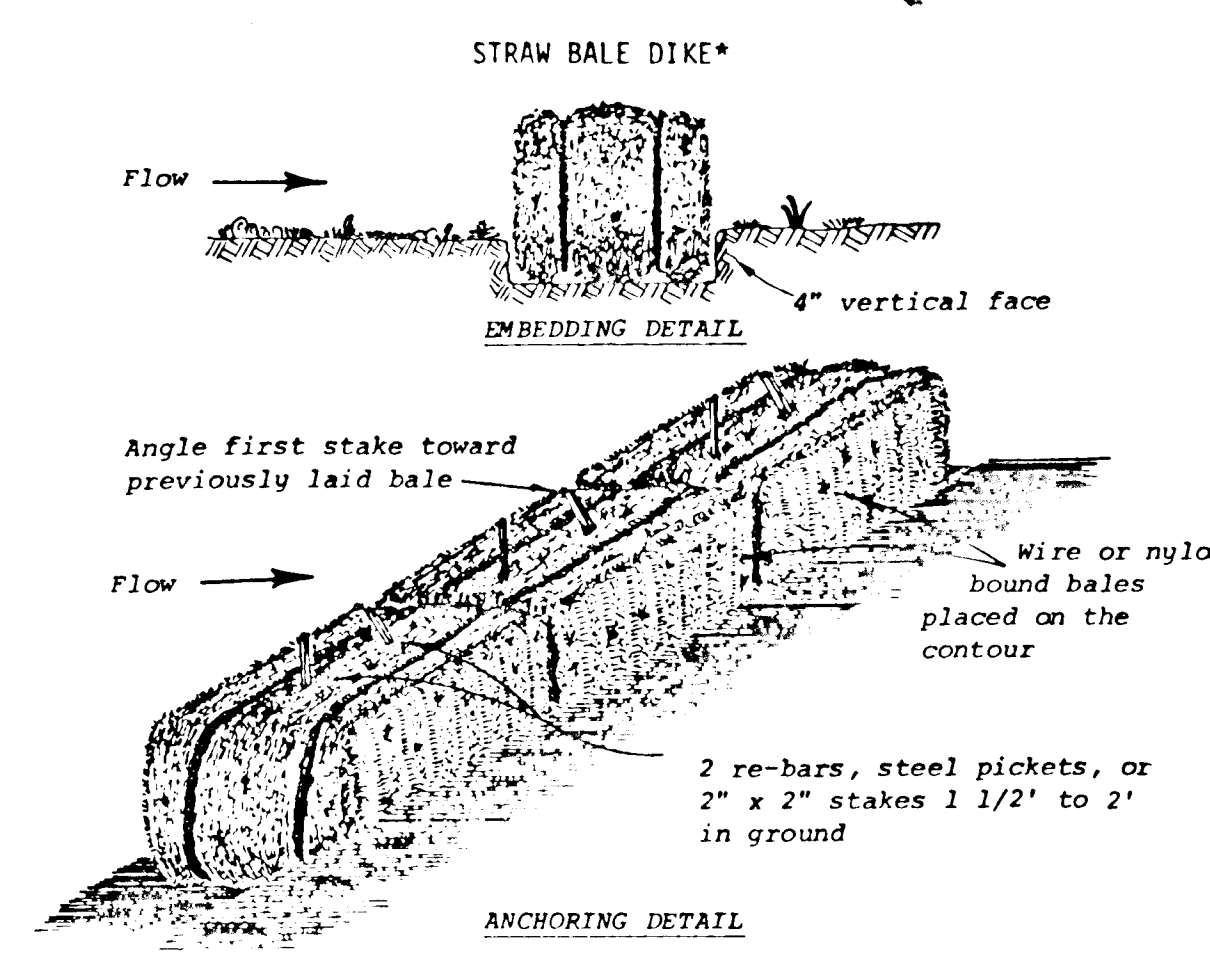
2nd Elec. Dist. Howard Co., Md.

SCALE: As Shown DES. BY: A.W.P.
 DATE: 2-23-83 DRN. BY: P.C.R. SHT. 10 OF 12



- Construction Specifications**
- 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 or 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.
 - Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
 - The structure shall be inspected after each rain and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
 - All cut and fill slopes shall be 2:1 or flatter.

DIAPRAP OUTLET SEDIMENT TRAP
(IF REQUIRED BY THE SEDIMENT CONTROL INSPECTOR)

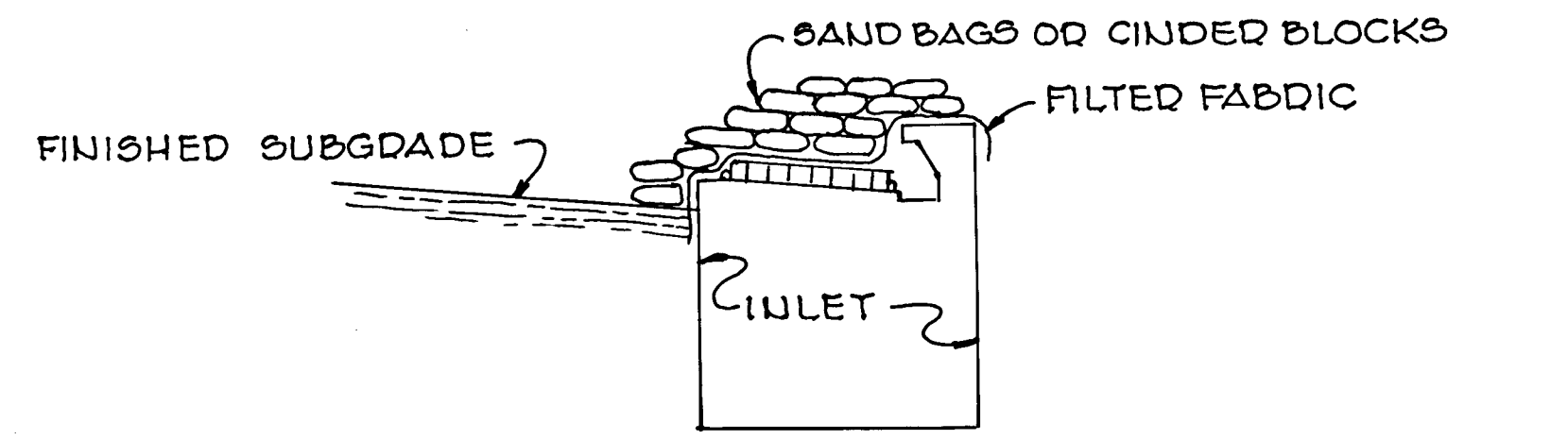


- Construction Specifications**
- Bales shall be placed in a row with ends tightly abutting the adjacent bales.
 - Each bale shall be embedded in the soil a minimum of 4".
 - Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
 - Inspection shall be frequent and repair or replacement shall be made promptly as needed.
 - Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

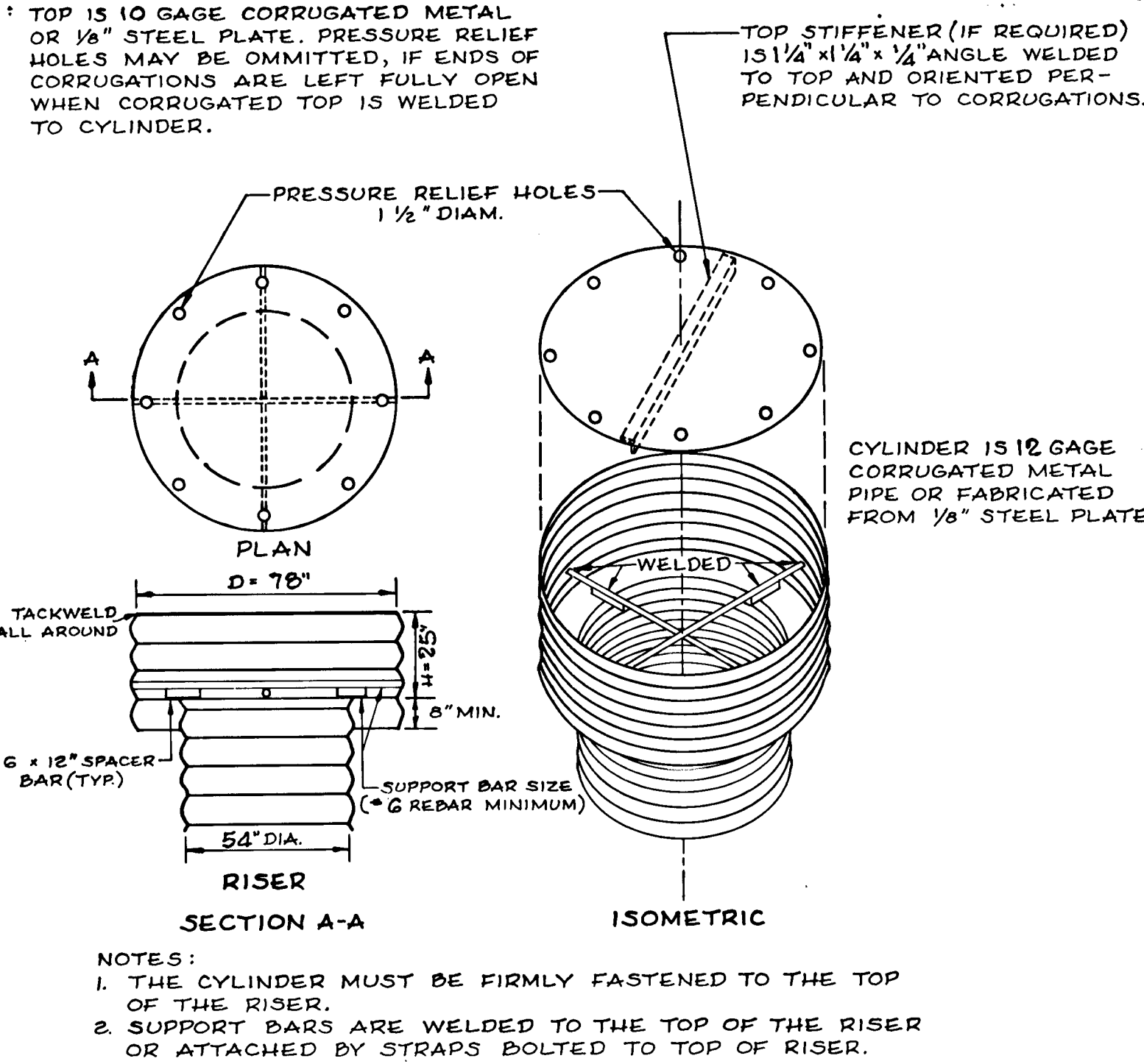
Standard Symbol SBD

* Drainage area less than 1/2 acre.

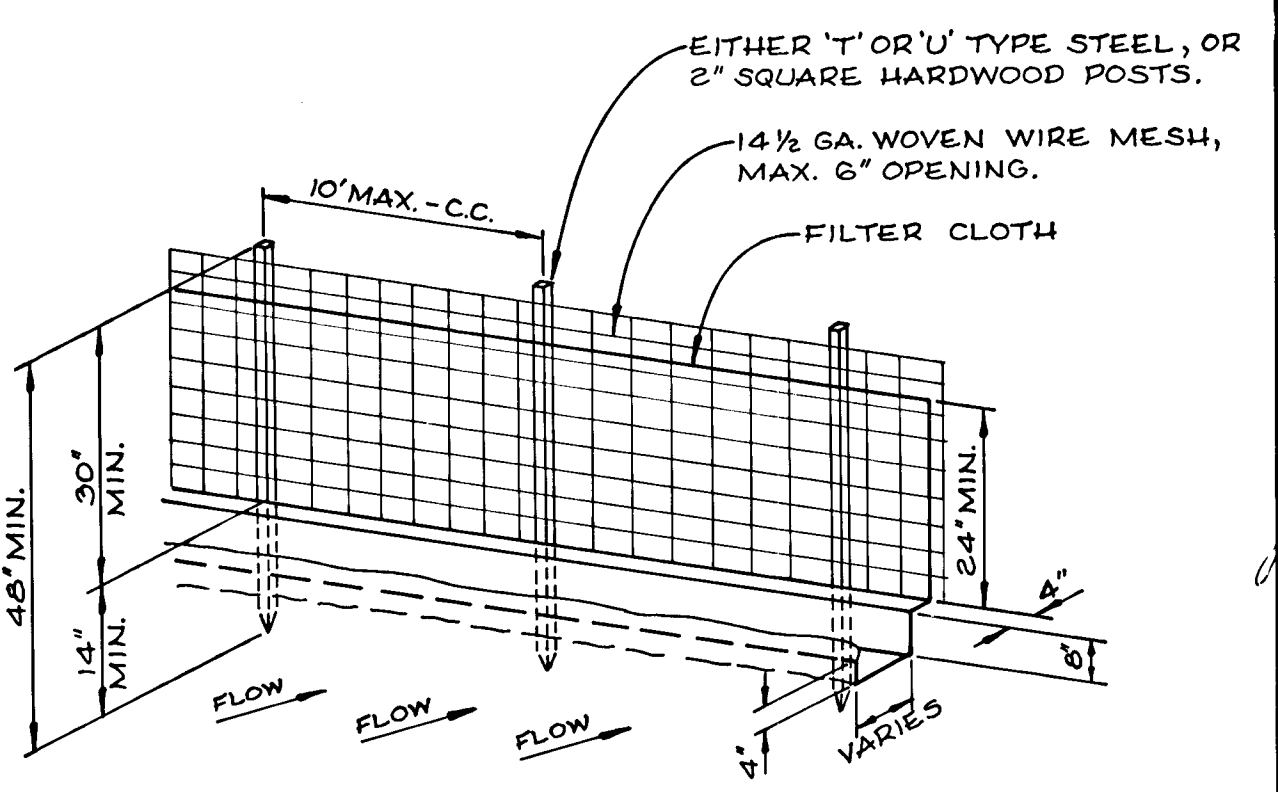
STRAW BALE DIKE
(IF REQUIRED BY THE SEDIMENT CONTROL INSPECTOR)



INLET BLOCKING DETAIL

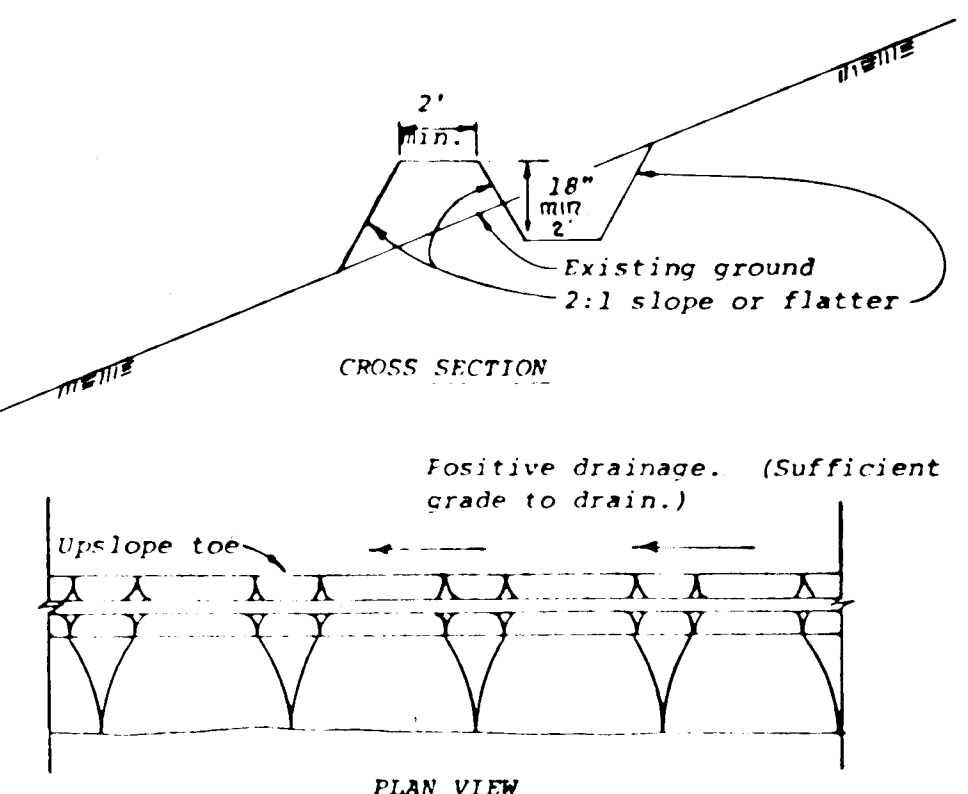


CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE BASIN NO. 2



- CONSTRUCTION NOTES**
- WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 - FILTER CLOTH TO BE MARIFIL 100X OR AN APPROVED EQUAL AND FASTENED SECURELY TO WIRE FENCE WITH WIRE TIES SPACED EVERY 24" AT TOP AND MID-SECTION.

SILT FENCE



- Construction Specifications**
- All dikes shall be machine compacted.
 - All perimeter dikes shall have positive drainage to an outlet.
 - A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
 - Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
 - Periodic inspection and required maintenance shall be provided.

Standard Symbol SDD

* Drainage area less than 5 acres

DIVERSION DIKE

PERMANENT SEEDING

SEEDBED PREPARATION: LOOSEN UPPEP 3" OF SOIL BY RAKING, DISCING, OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE OR 2 LBS. PER 1000 S.F. AND 600 LBS. PER ACRE 0-20-20 FERTILIZER OR 14 LBS. PER 1000 S.F. HADROW OR DISC LIME AND FERTILIZER INTO UPPEP 3" OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE OR 9.2 LBS. PER 1000 S.F. OF 30-0-0 UREAFORM FERTILIZER AND 500 LBS. OR 11.5 LBS. PER 1000 S.F. OF 10-20-20 FERTILIZER.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE OR 1.4 LBS. PER 1000 S.F. 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 OR .05 LBS. PER 1000 S.F. OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) - 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE SOO. OPTION (3) - SEED WITH 60 LBS. PER ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE OR 70 TO 90 LBS. PER 1000 S.F. OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALS. PER ACRE OR 5 GALS. PER 1000 S.F. OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 5 FEET OR HIGHER, USE 345 GALS. PER ACRE OR 8 GALS. PER 1000 S.F. FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING

SEEDBED PREPARATION: (SAME AS ABOVE)

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE OR 15 LBS. PER 1000 S.F. OF 10-20-10 FERTILIZER.

SEEDING: FOR PERIODS MAR 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOV. 15, SEED WITH 2 1/2 BUSHELS PER AC. OR 3.2 LBS. PER 1000 S.F. OF ANNUAL RYE. FOR THE PERIOD MAY 1 THRU AUGUST 14 SEED WITH 3 LBS. PER ACRE OR 0.07 LBS. PER 1000 S.F. OF WEEPING LOVEGRASS.

MULCHING: (SAME AS ABOVE)

DEVELOPER'S CERTIFICATION

I CERTIFY THAT ALL DEVELOPMENT AND OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

HOWARD BROWN DATE

REVIEWED FOR THE HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

James M. Naim 10-25-84
U.S. SOIL CONSERVATION SERVICE DATE

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

Robert Ziehm 10-25-84
HOWARD S.C.D. DATE

ENGINEER'S CERTIFICATION

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

Sam J. Piacenti #3221 08/15/84
ENGINEER DATE

DEPARTMENT OF PUBLIC WORKS

William E. Rahn 10/20/84
CHIEF, BUREAU OF ENGINEERING DATE

OFFICE OF PLANNING AND ZONING

Shelley Marchman 10/26/84
CHIEF, DIV. OF LAND DEVELOPMENT & ZONING ADM. DATE

GENERAL NOTES

- REFER TO USDA - SOIL CONSERVATION SERVICE STDS. AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS FOR STD. DETAILS AND DETAILED SPECS. OF EACH PRACTICE SPECIFIED HEREON.
- ALL SEDIMENT CONTROL WORK IS TO BE COMPLETED AS THE FIRST PHASE OF CONSTRUCTION.
- THE CONTRACTOR IS TO STABILIZE ALL PAVING AREAS IMMEDIATELY UPON COMPLETION OF GRADING.
- ALL SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT.
- ALL LAND AREAS ARE TO BE SODED AND/OR SEEDED AND MULCHED IMMEDIATELY AFTER THE GRADING OPERATION IS COMPLETED.
- REFER TO THE SITE DEVELOPMENT PLAN FOR THIS PROJECT FOR GENERAL INFORMATION PERTINENT TO THIS PROJECT.
- AT THE END OF EACH WORKING DAY, ALL SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND LEFT IN AN OPERATIONAL CONDITION.
- DURING THE LAYOUT OF SEDIMENT CONTROL PRACTICES REQUIRED ON THIS PLAN, MINOR FIELD ADJUSTMENTS CAN AND WILL BE MADE TO INSURE THE ARREST AND CONTROL OF ANY SEDIMENT BEFORE IT LEAVES THE CONSTRUCTION SITE. CHANGES IN SEDIMENT CONTROL PRACTICES REQUIRE PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE SOIL CONSERVATION DISTRICT.
- ANY EXCESS EARTH WILL BE TRUCKED TO AN APPROVED SPOIL AREA.
- INLETS ARE TO BE BLOCKED WITH SAND BAGS OR CINER BLOCKS AND FILTERED FABRIC TO PREVENT SEDIMENT ENTERING THE STORM DRAIN SYSTEM. (SEE DETAIL)

NO.	DATE	REVISIONS DESCRIPTION

SPELLMAN, LARSON & ASSOCIATES, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 107, JEFFERSON BLDG., TOWSON, MD., 21204
PHONE 823-3535

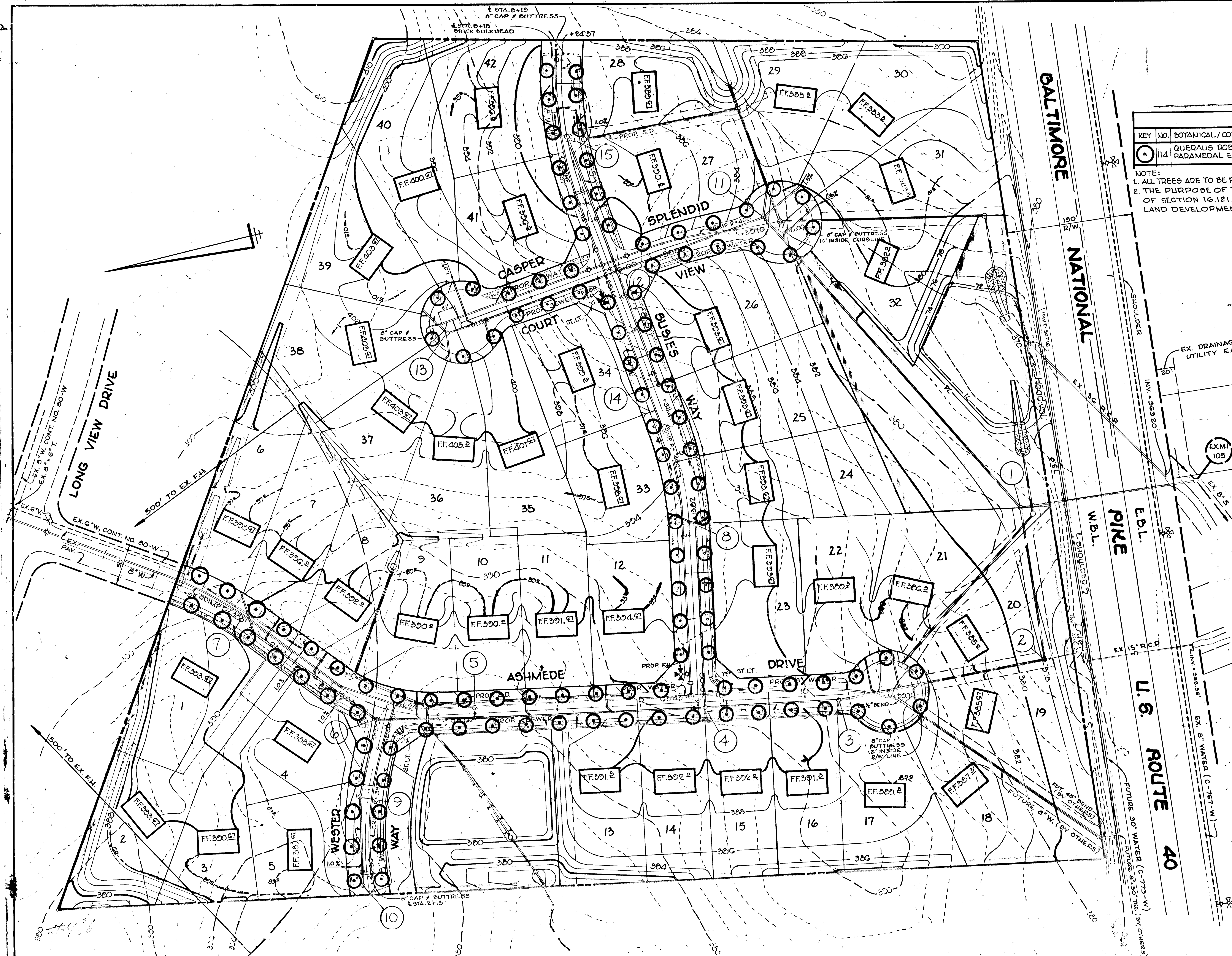
OWNER - DEVELOPER

BOUNTY VISTA PARTNERSHIP
9188 REGISTERSTOWN RD
GARRISON, MO. 64055

BOUNTY VISTA
SEDIMENT CONTROL DETAILS

SCALE: AS SHOWN DES. BY: E. J. DATE: 3-7-84 DRN. BY: E. J. SHT 11 OF 12

#966 **STABILIZED CONSTRUCTION ENTRANCE**



PLANTING LIST					
KEY	NO.	BOTANICAL / COMMON NAME	SIZE	ROOT	TYPE
(1)	114	QUERUS ROBUR FASTIGIATA / PARAMEDAL ENGLISH OAK	2 1/2" CALIPER / 1' ABOVE GRADE	8x8	SHADE

NOTE:
 1. ALL TREES ARE TO BE PLANTED 2' BEHIND CURB IN THE LOCATION SHOWN.
 2. THE PURPOSE OF THIS PLAN IS TO SATISFY THE REQUIREMENTS OF SECTION 16.121.C.5 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.

DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF ENGINEERING

OFFICE OF PLANNING AND ZONING
 CHIEF, DIV. OF LAND DEV. & ZONING ADMIN.

NO.	DATE	REVISIONS	DESCRIPTION
1	1-25-83	REVISIONS PER HOW. CO. COMMENTS	
2	8-3-84	AS PER CO. COMMENTS OF 7-9-84	

SPELLMAN, LARSON & ASSOCIATES, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 SUITE 107, JEFFERSON BLVD., TOWSON, MD., 21204
 PHONE 823-3535

OWNER AND DEVELOPER
 BOUNTY VISTA PARTNERSHIP
 5105 DEISTERTOWN ROAD
 GARRISON, MARYLAND, 21055

BOUNTY VISTA ROAD PLAN
 TREE PLANTING PLAN
 AND HOUSE LOCATION PLAN FOR 20,000 S.F. LOTS
 2ND ELECTION DISTRICT HOWARD CO., MD.