

DEPARTMENT OF PUBLIC WORKS
 G. M. McKeand 5/16/72
 CHIEF BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING AND ZONING
 H. Lawson 5/9/72
 CHIEF DIVISION OF LAND DEVELOPMENT DATE
 AND TRANSPORTATION PLANNING

- GENERAL NOTES**
1. Bench Mark 1+50 on Drystraw Drive 75'-3" right of E R.R. spike in 36" tree Elev. 451.96
 2. For stakeout details of standard cut-de-secs see Howard County Standard D-33A, page 88a.
 3. Storm Drain trenches within road rights-of-way shall be backfilled and compacted in accordance with Howard County Road Code.
 4. Proposed grading as shown is required to allow proper drainage to all sump Special 'K' Inlets.

VICINITY MAP
 Scale: 1" = 2000'

- GENERAL NOTES CONTINUED**
5. All work shall be done in accordance with the Howard County Road Construction Code and Standard Specifications.
 6. All utility companies must be notified 24 hours in advance of any construction.
 7. Secondary residential streets are designed for 25 MPH traffic speed in accordance with AASHTO Standards.
 8. All inlets shall be Howard County Standard unless otherwise shown. All inlets shall be depressed.

Rev. Date	Rev. No.	Revision Description
4/12/72	3	Substituted Std 7" Combination Curb and Gutter in the bulb of Tidesebb Court.
3/19/72	2	Added Finished Grade elevations for exist. M's 22, 23, & 24. M's 22 & 24 to be lowered. M 23 to be re-built.
2/18/72	1	As per DPW Comments dated 2/15/72

COLUMBIA
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 OWNER AND DEVELOPER
 HOWARD RESEARCH AND DEVELOPMENT CORP.

PROJECT AREA
VILLAGE OF LONG REACH
 SECTION I, AREA I
 RESUBDIVISION OF PARCEL "K"

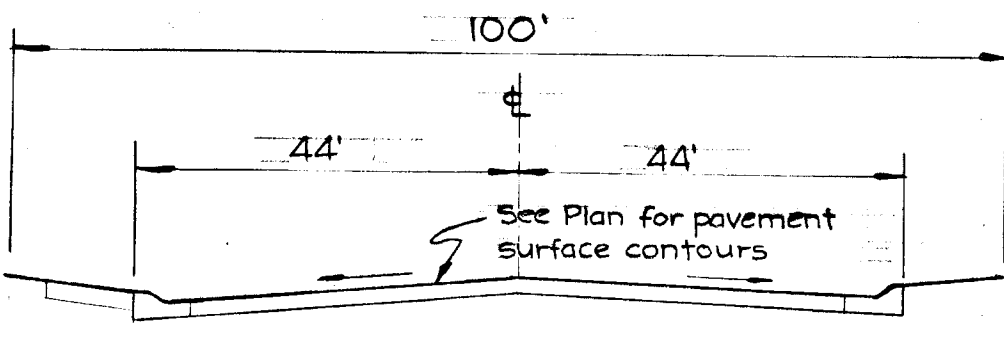
PROJECT TITLE
PLAN AND PROFILE
 TIDESEBB COURT

SCALE: AS SHOWN DATE: January 24, 1972

WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND 21202

Kenneth A. McCord
 KENNETH A. McCORD
 Registered Engineer
 No. 1974

Note:
 Contractor shall obtain driveway locations for Lots K-9 thru K-16 from Builder in order to construct typical driveway entrance as per County Standard D-34.

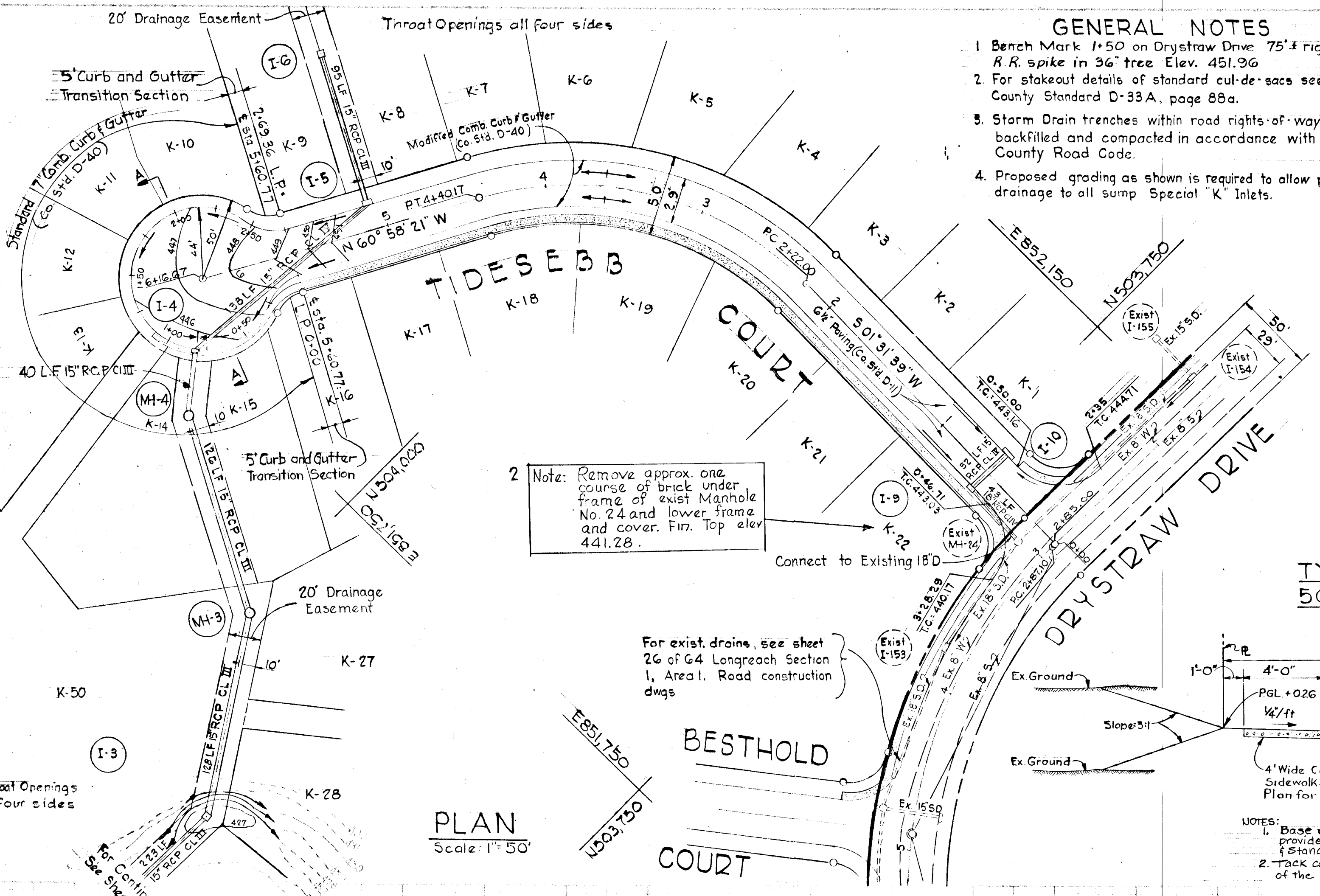


SECTION A-A
TIDESEBB COURT
 Not to Scale

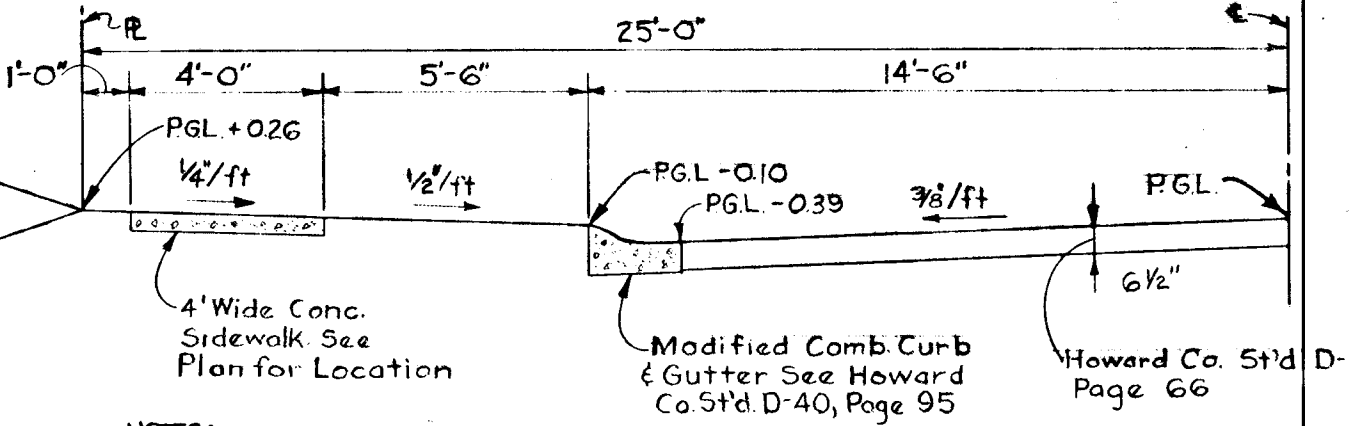
Note:
 All curb return radii shall be 35.5' unless otherwise noted.

CURVE DATA

PC: 2+22.00	to	PT: 4+40.17
$\Delta = 60^\circ 30' 00''$		Tan: 121.36'
R: 200.00'		Ch. = 207.51'
Arc: 218.17'		Ch. Brg = N. 29° 43' 21" W

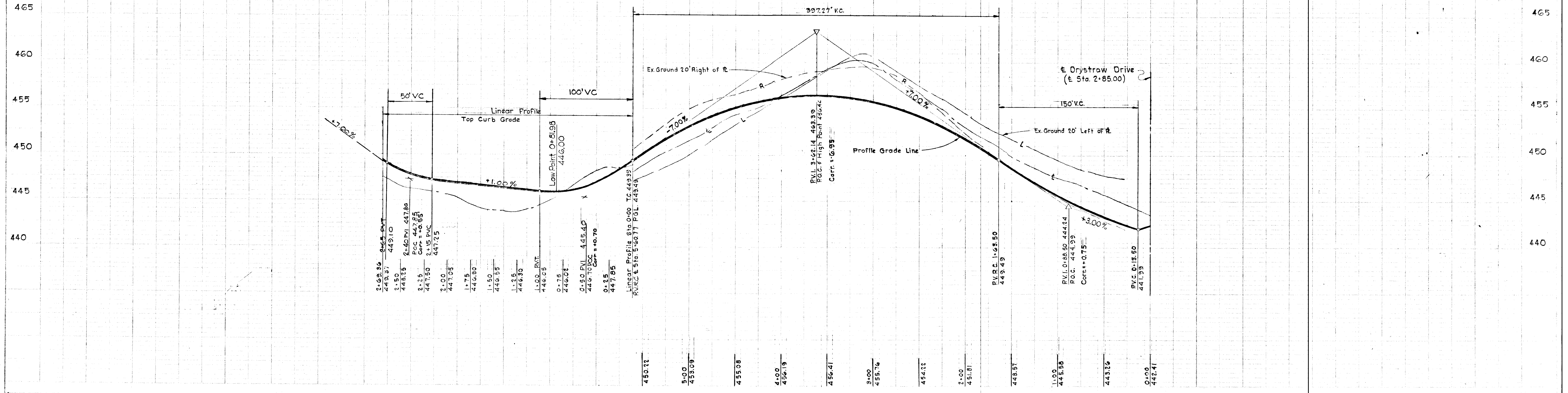


TYPICAL HALF SECTION
 50' R/W - 29' ROADWAY
 Scale: 1/4" = 1'-0"

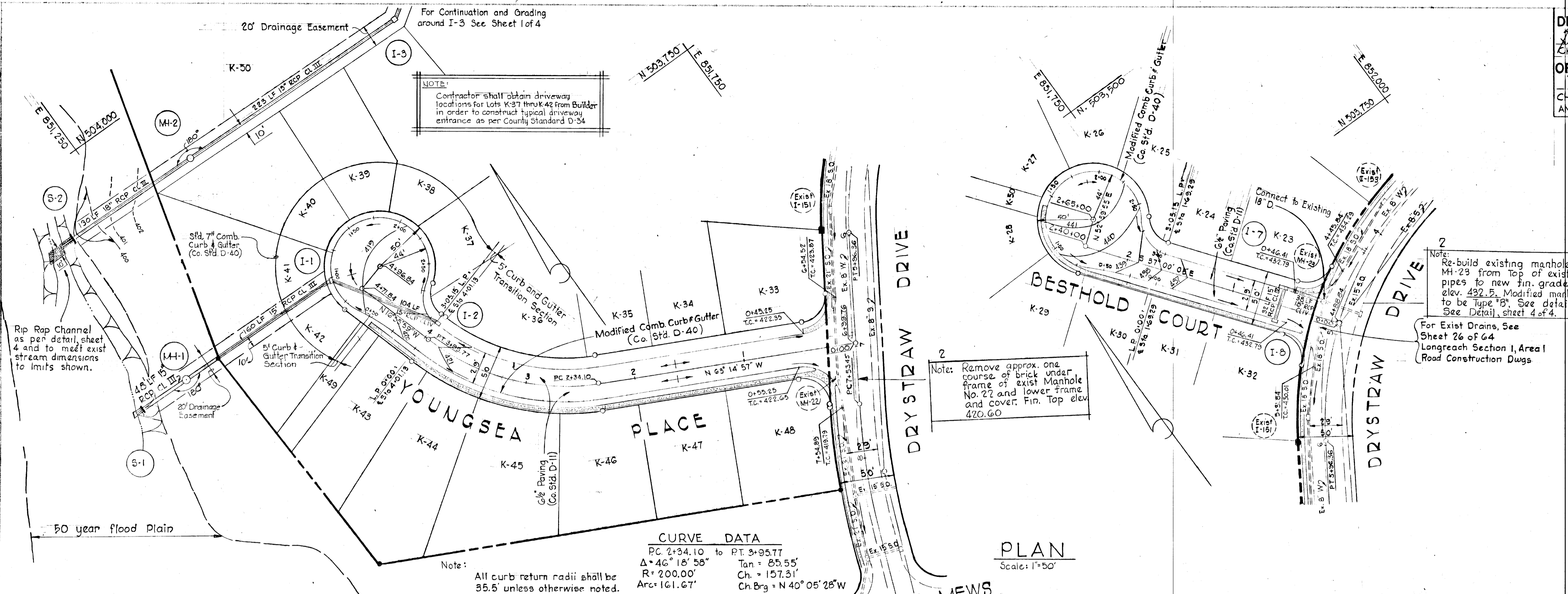


- NOTES:
1. Base will be primed in accordance with C-30.3 as provided in the Howard County Road Construction Code & Standard Specifications.
 2. Tack coat is required in accordance with Section C-31.4 of the Howard Co. Rd. Const. Code & Standard Specs.

PROFILE
 Hor. 1" = 50'
 Vert. 1" = 5'



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4/12/72	3	Substituted Std 7" Combination Curb and Gutter in the bulb of Youngsea Place
3/19/72	2	Added Finished Grade elevations for exist MH's 22, 23, & 24. MH's 22 & 24 to be lowered. MH 23 to be re-built
2/15/72	1	Revised as per DPW comments dated 2/15/72

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 HOWARD RESEARCH AND DEVELOPMENT CORP.

PROJECT AREA
VILLAGE OF LONG REACH
 SECTION I, AREA I
 RESUBDIVISION OF PARCEL K

PROJECT TITLE
 PLAN AND PROFILE
 YOUNGSEA PLACE and BESTHOLD COURT

SCALE: AS SHOWN DATE: January 24, 1972

WHITMAN, REQUARDT & ASSOCIATES
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 BALTIMORE, MARYLAND 21202

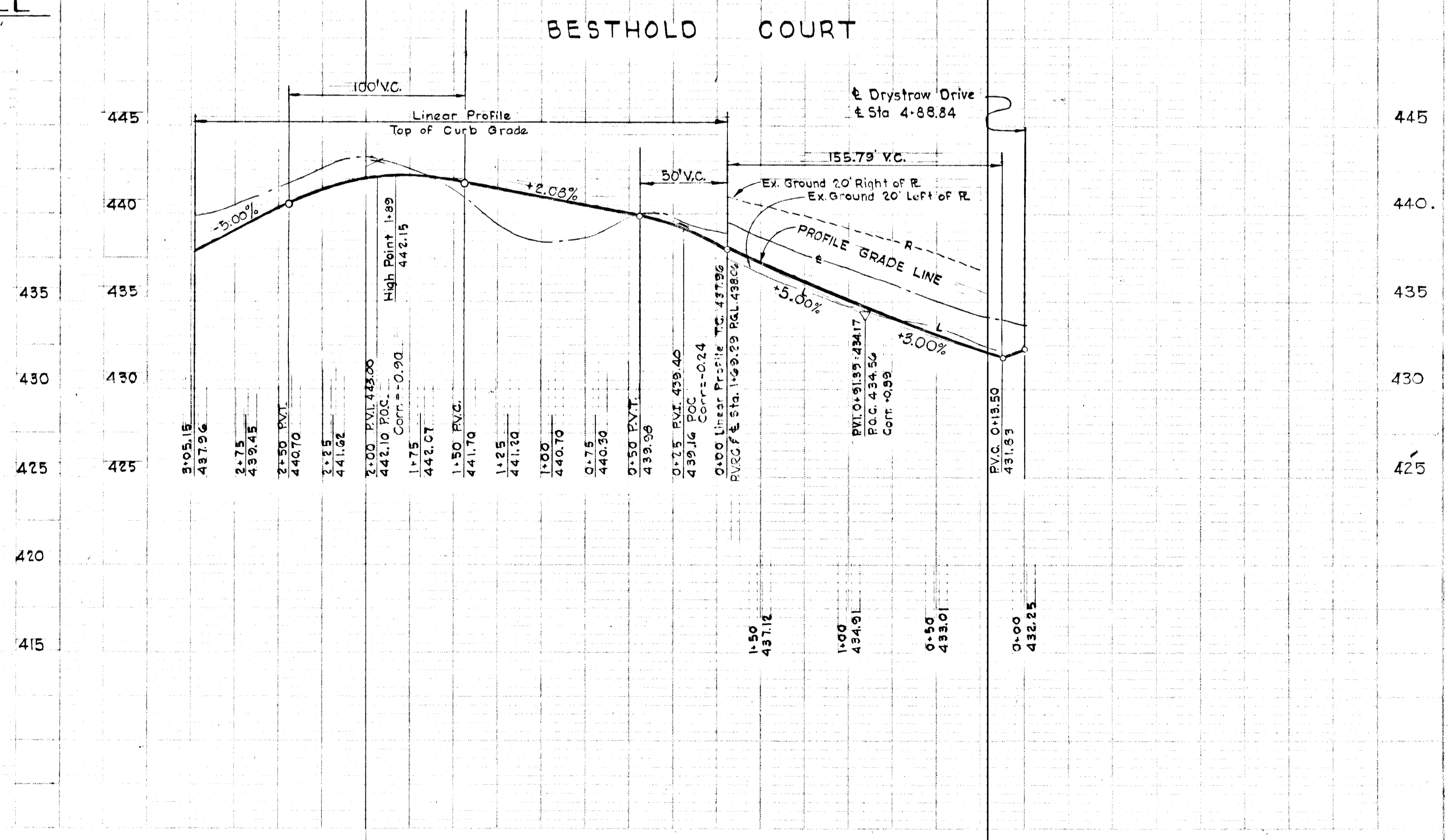
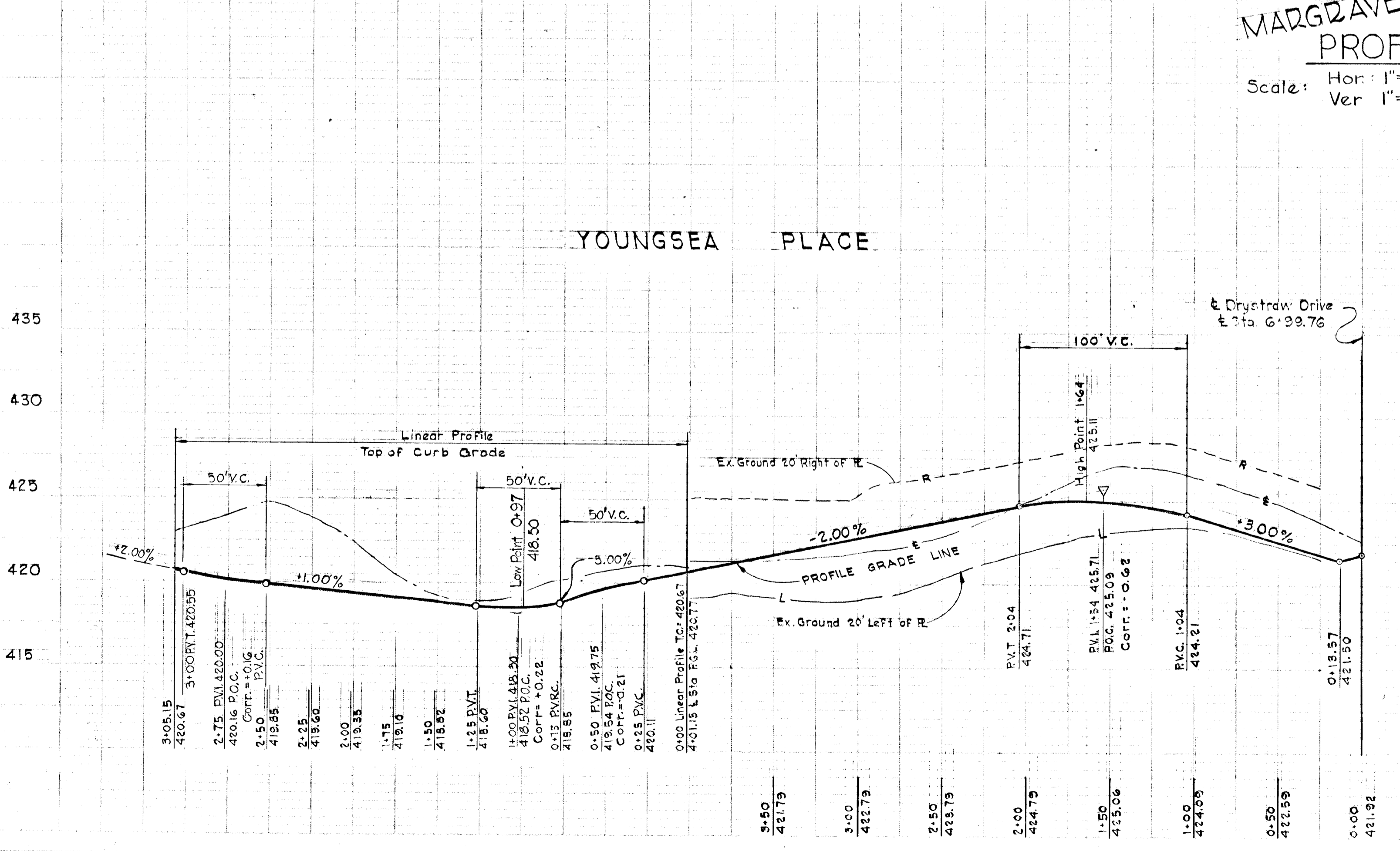
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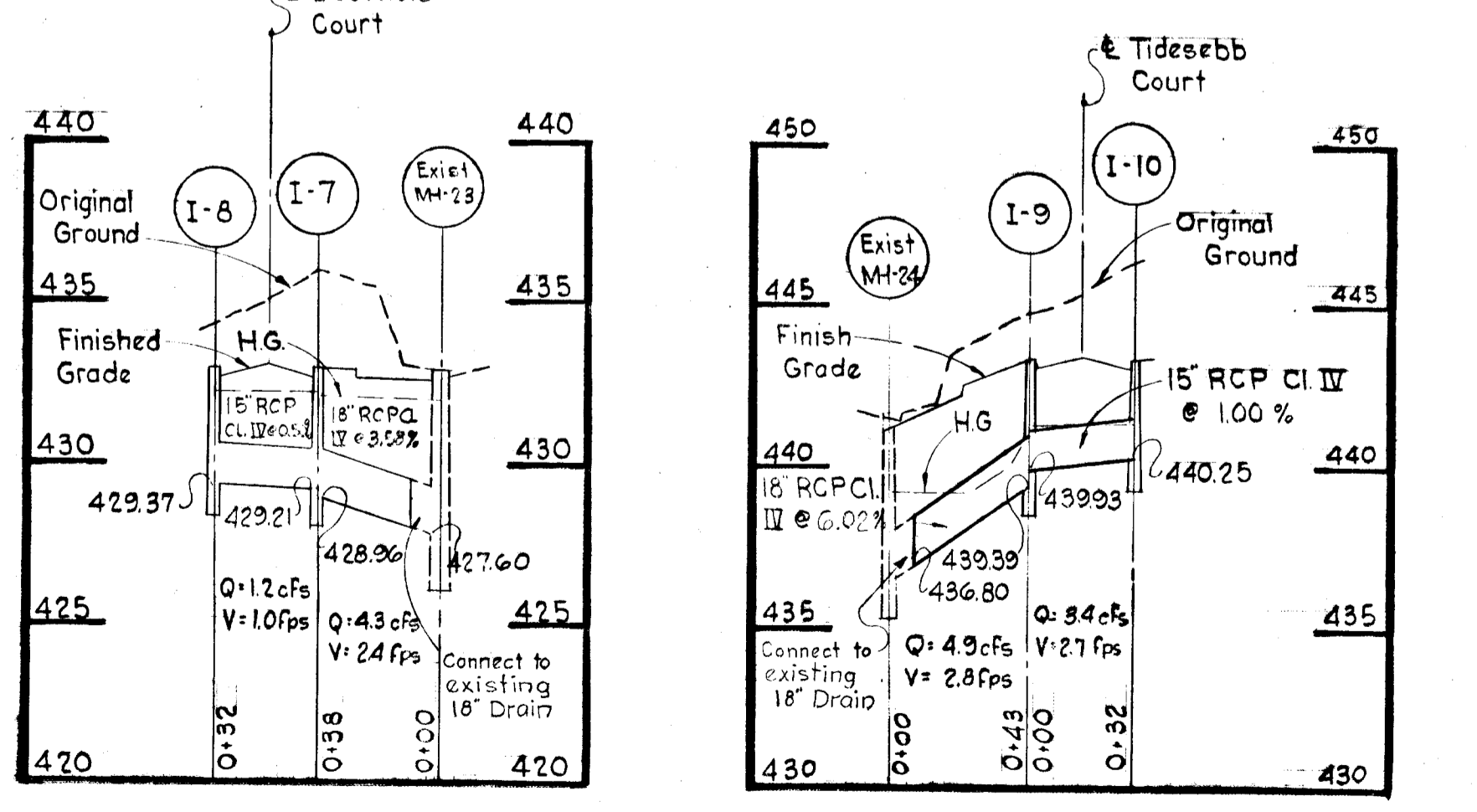
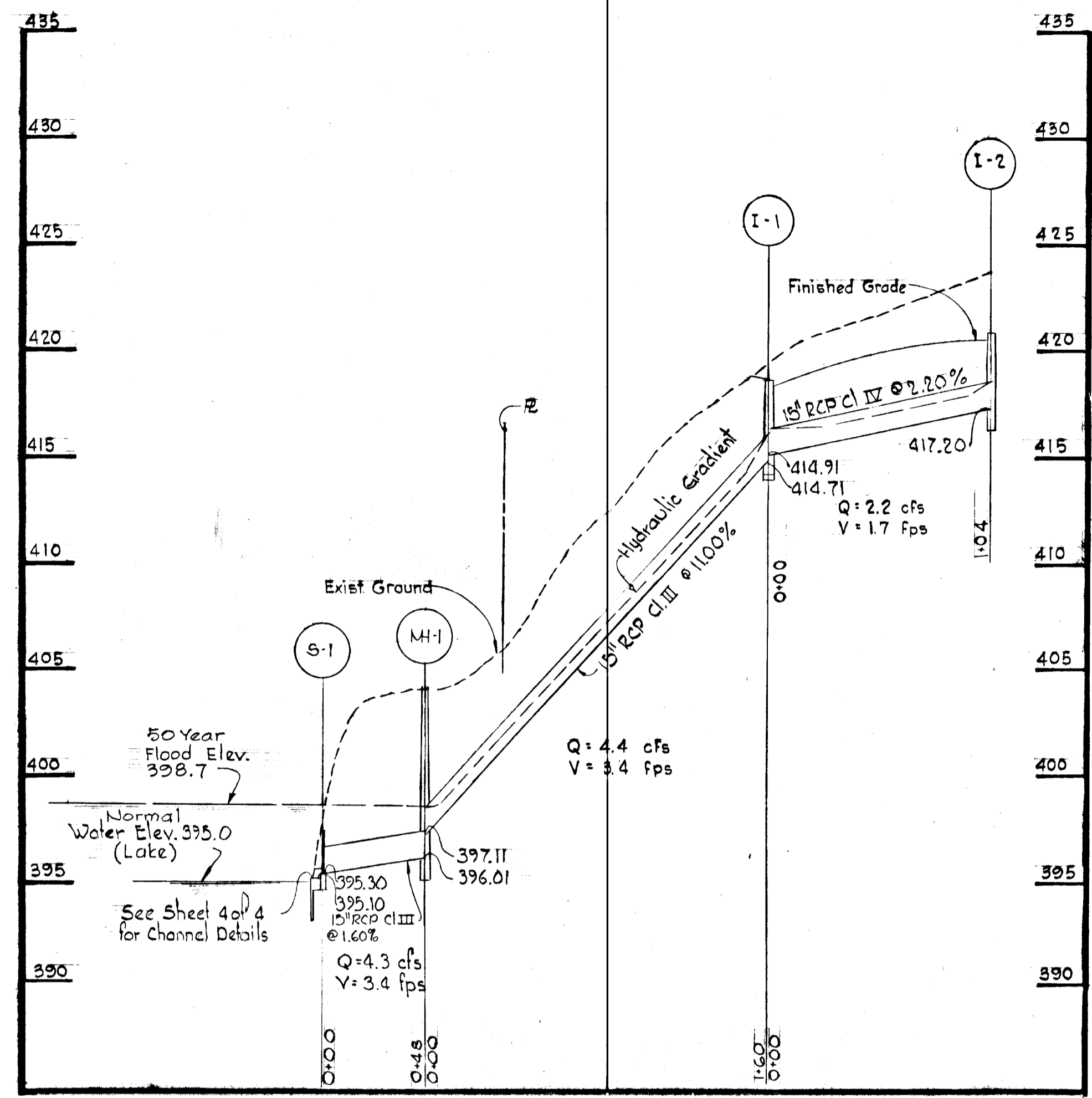
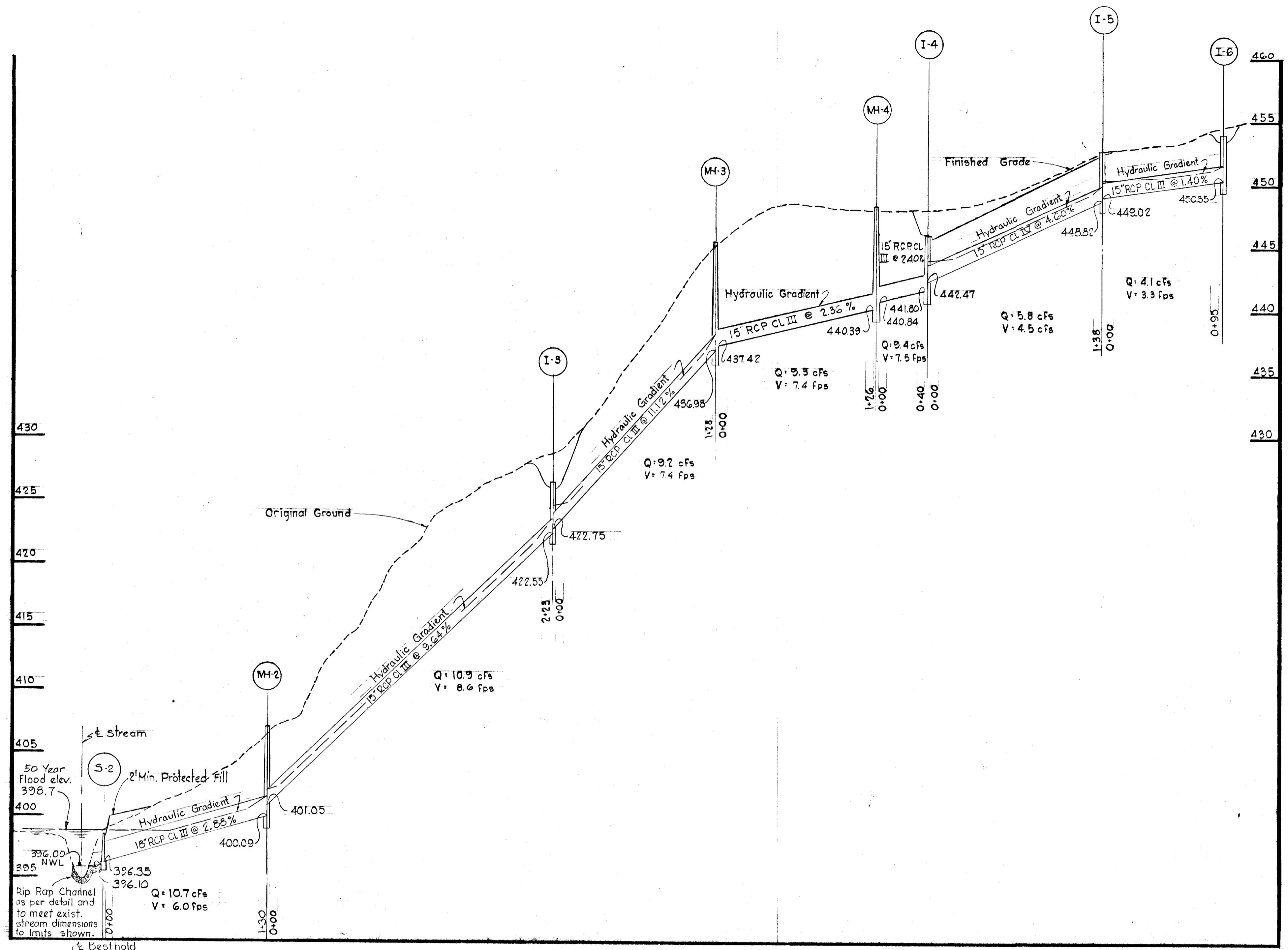
CURVE DATA

PC 2+34.10	to	PT 3+95.77
$\Delta = 46^\circ 18' 58''$		Tan = 85.55'
R = 200.00'		Ch. = 157.31'
Arc = 161.67'		Ch Brg = N 40° 05' 28" W

PLAN
 Scale: 1"=50'

MARGRAVE MEWS
 PROFILE
 Scale: Hor: 1"=50'
 Ver: 1"=5'





STORM DRAIN STRUCTURE SCHEDULE				
No	Type	Top El.	Inn. Out	Location
I-1	A-5" Inlet, width = 2'-6"	418.50	414.71	£ Inlet 1.25' left of L.P. station 3+98.27
I-2	A-5" Inlet, width = 2'-6"	420.73	417.20	£ Inlet 15.75' right of £ station 3+98.27
I-3	Modified "K" Inlet See Detail, Sheet 4 of 4	426.50	422.55	See Plan & Profile
I-4	A-5" Inlet, width = 2'-6"	446.00	441.80	£ Inlet 1.25' left of L.P. station 0+81.98
I-5	A-5" Inlet, width = 2'-6"	452.78	447.71	£ Inlet 15.75' right of £ station 5+09.08
I-6	Modified "K" Inlet See Detail, Sheet 4 of 4	454.00	450.35	£ Inlet 10.75' right of £ station 5+09.08
I-7	A-10" Inlet, width = 2'-6"	433.35	428.96	£ Inlet 15.75' right of £ station 0+56.41
I-8	A-5" Inlet, width = 2'-6"	433.35	429.37	£ Inlet 15.75' left of £ station 0+56.41
I-9	A-5" Inlet, width = 2'-6"	443.73	439.39	£ Inlet 15.75' left of £ station 0+60.00
I-10	A-10" Inlet, width = 2'-6"	443.73	440.25	£ Inlet 15.75' right of £ station 0+60.00
MH-1	Standard Manhole	404.00	396.01	See Plan & Profile
MH-2	Standard Manhole	412.80	400.09	See Plan & Profile
MH-3	Standard Manhole	445.50	436.98	See Plan & Profile
MH-4	Standard Manhole	448.30	440.39	See Plan & Profile
S-1	Standard "C" Endwall	397.30	396.30	See Plan & Profile
S-2	Standard "C" Endwall	398.60	396.35	See Plan & Profile

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COLUMBIA
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 HOWARD COUNTY, MARYLAND
 OWNERS AND DEVELOPERS
 HOWARD RESEARCH AND DEVELOPMENT CORP.

PROJECT AREA
VILLAGE OF LONG REACH
 SECTION 1, AREA 1
 RESUBDIVISION PARCEL "K"

PROJECT TITLE
STORM DRAIN PROFILES

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

DATE: January 24, 1972

WHITMAN, REQUARDT AND ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND

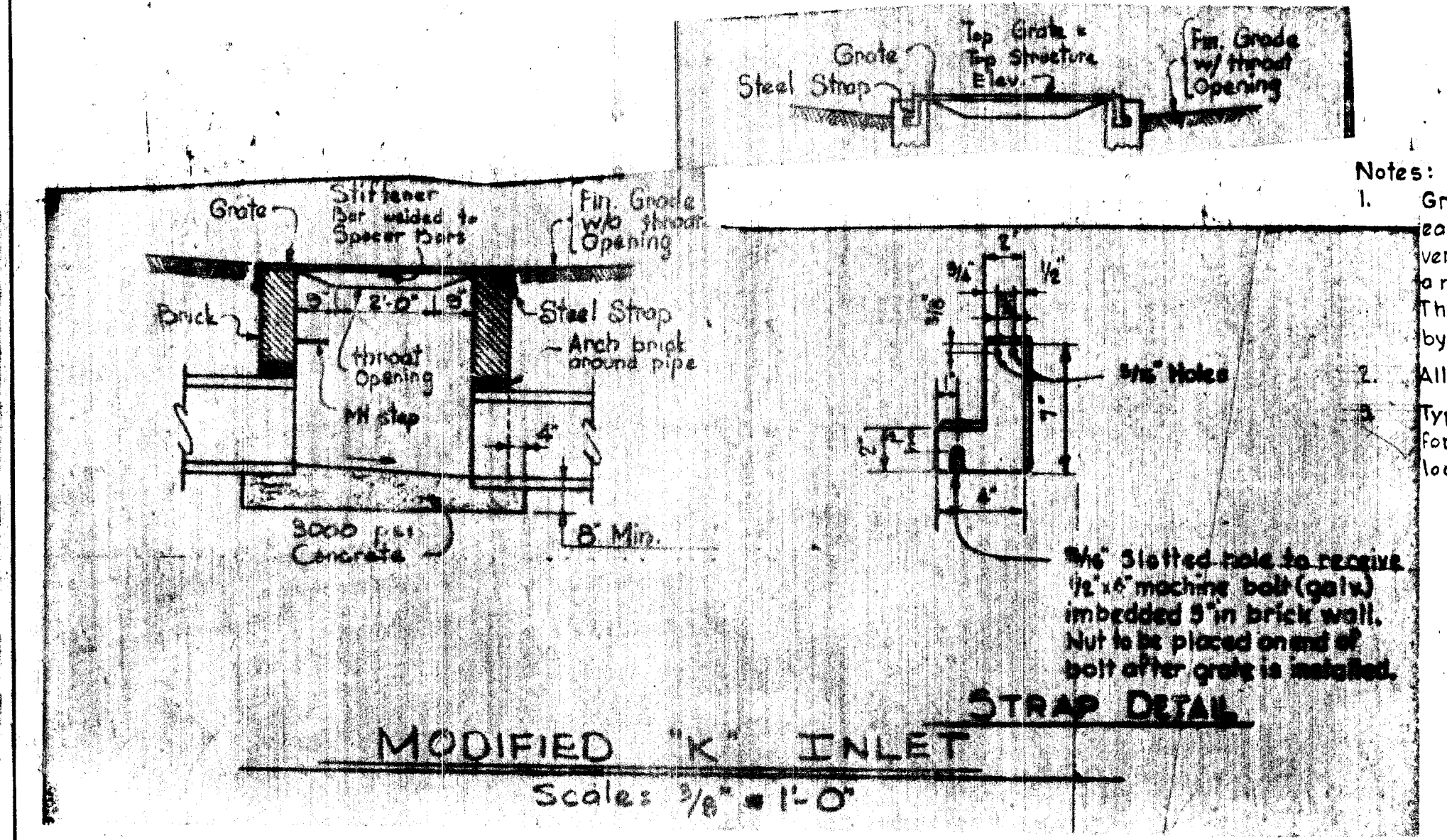
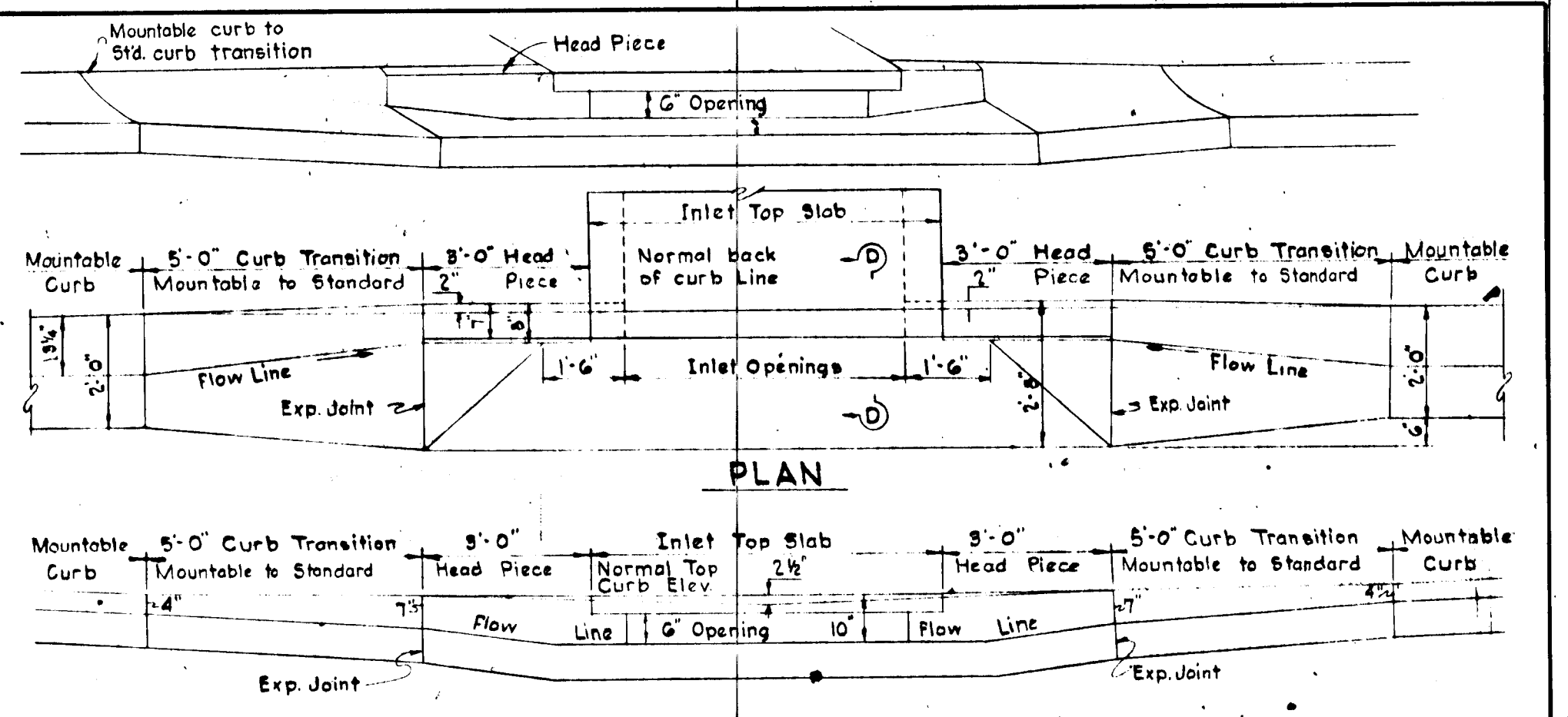
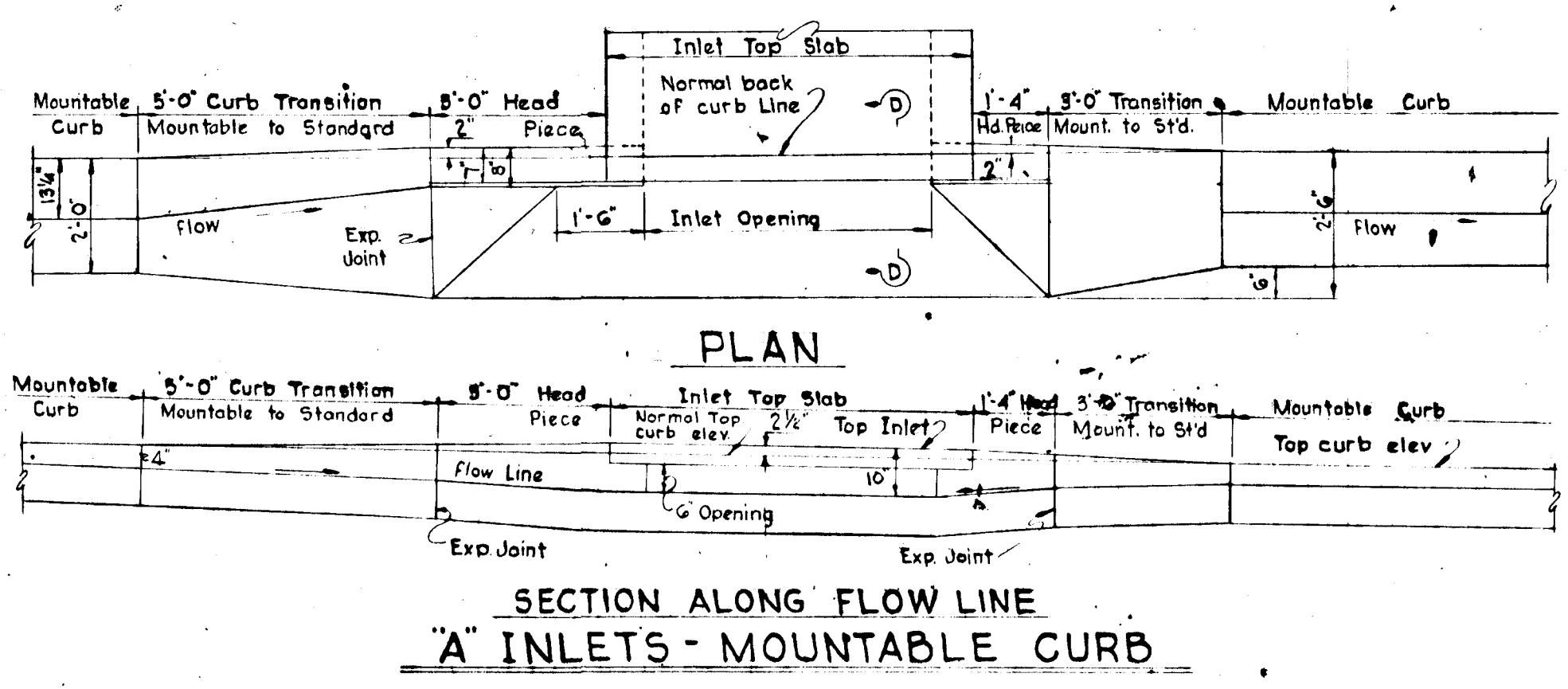
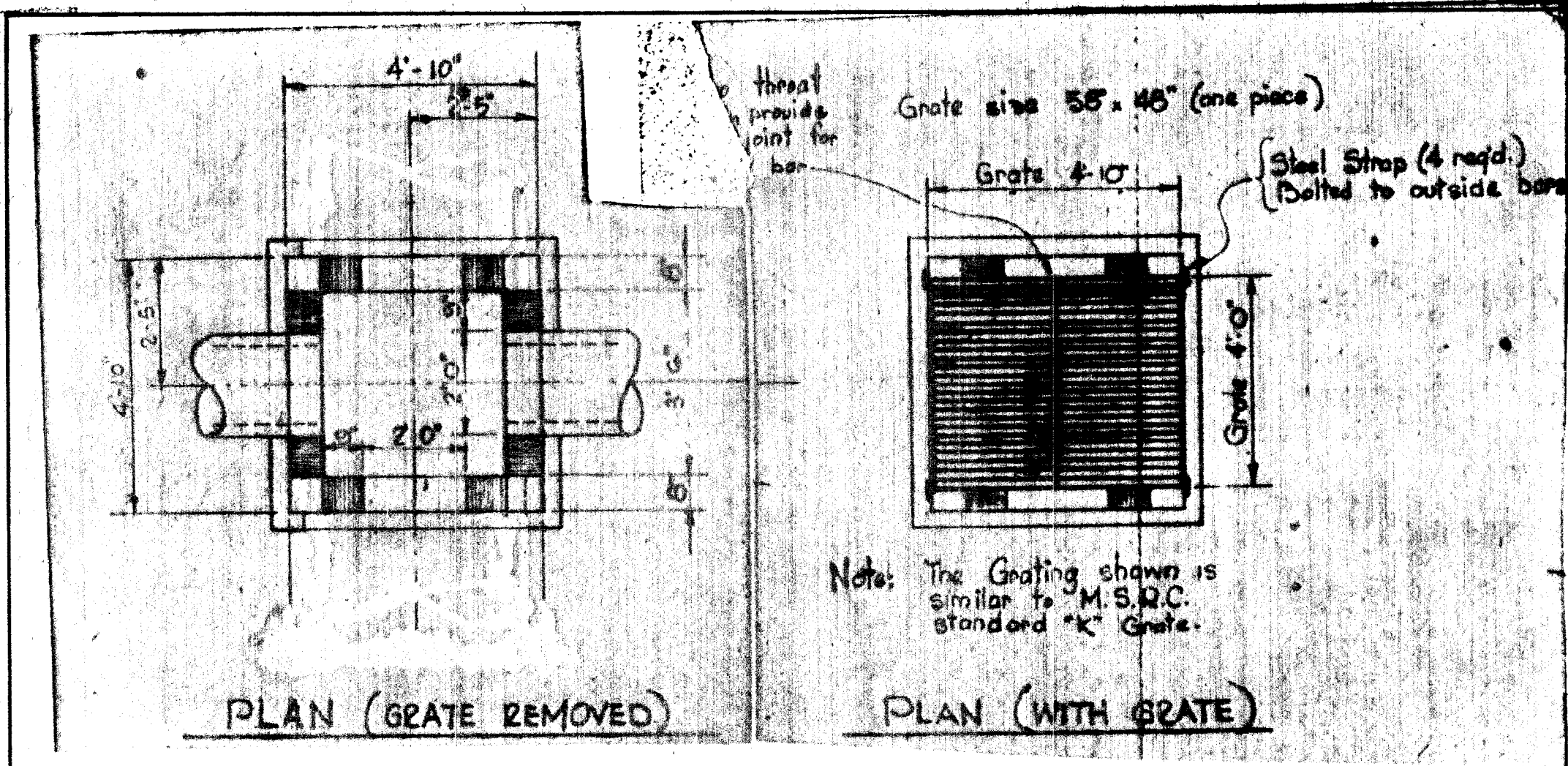
DEPARTMENT OF PUBLIC WORKS
D. M. McLeod 5/16/72
 CHIEF BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING AND ZONING
J. H. Clawson M 5/19/72
 CHIEF DIVISION OF LAND DEVELOPMENT DATE

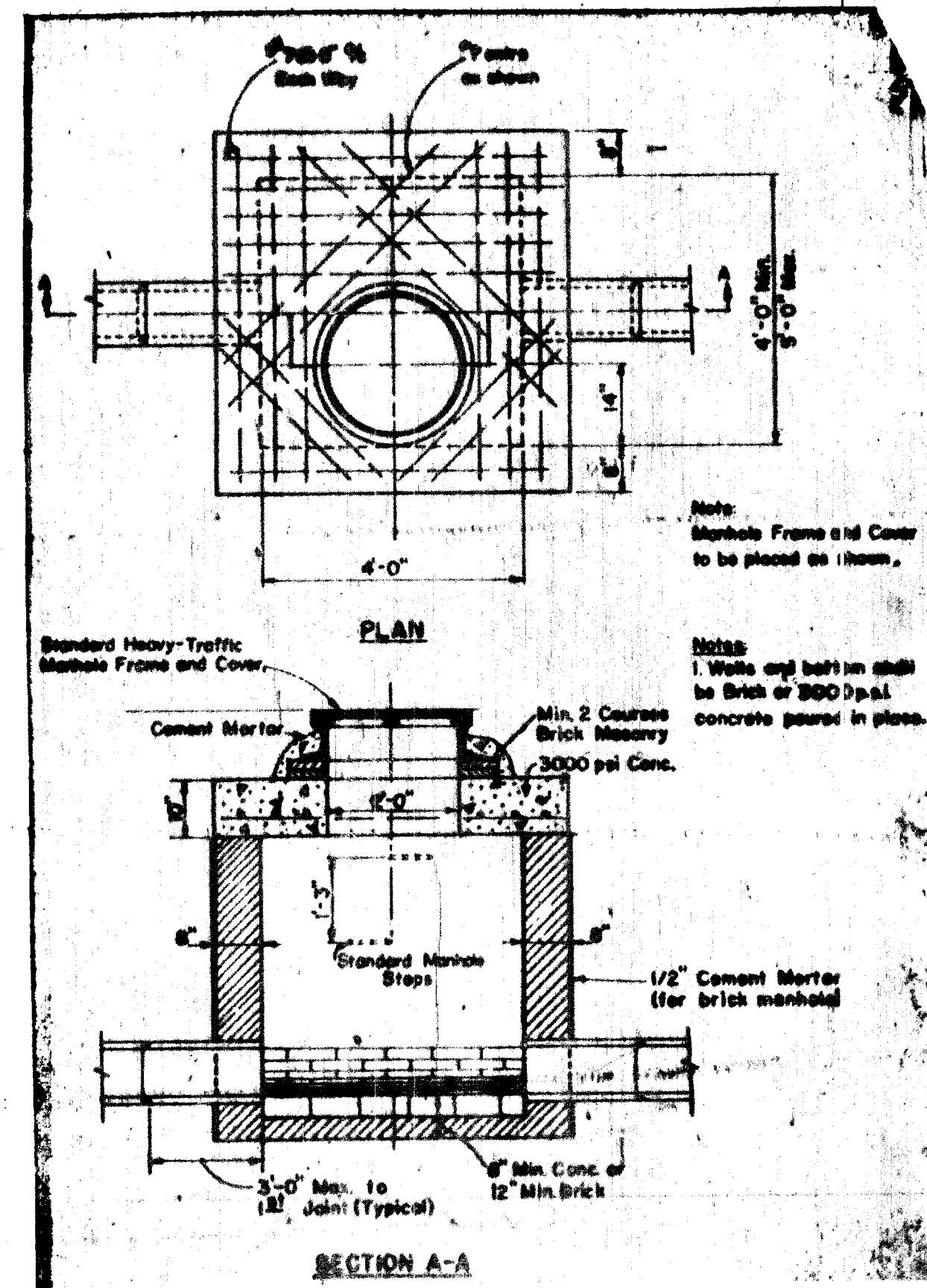
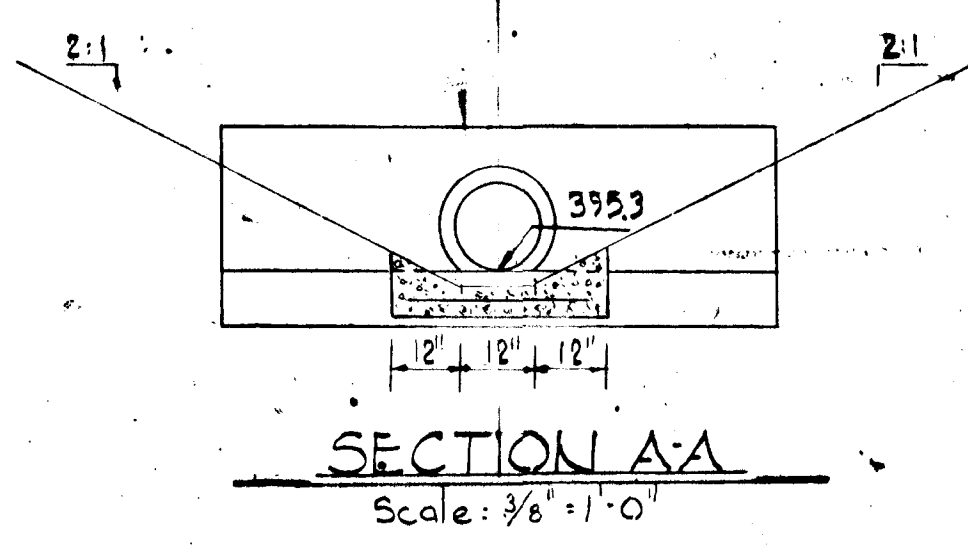
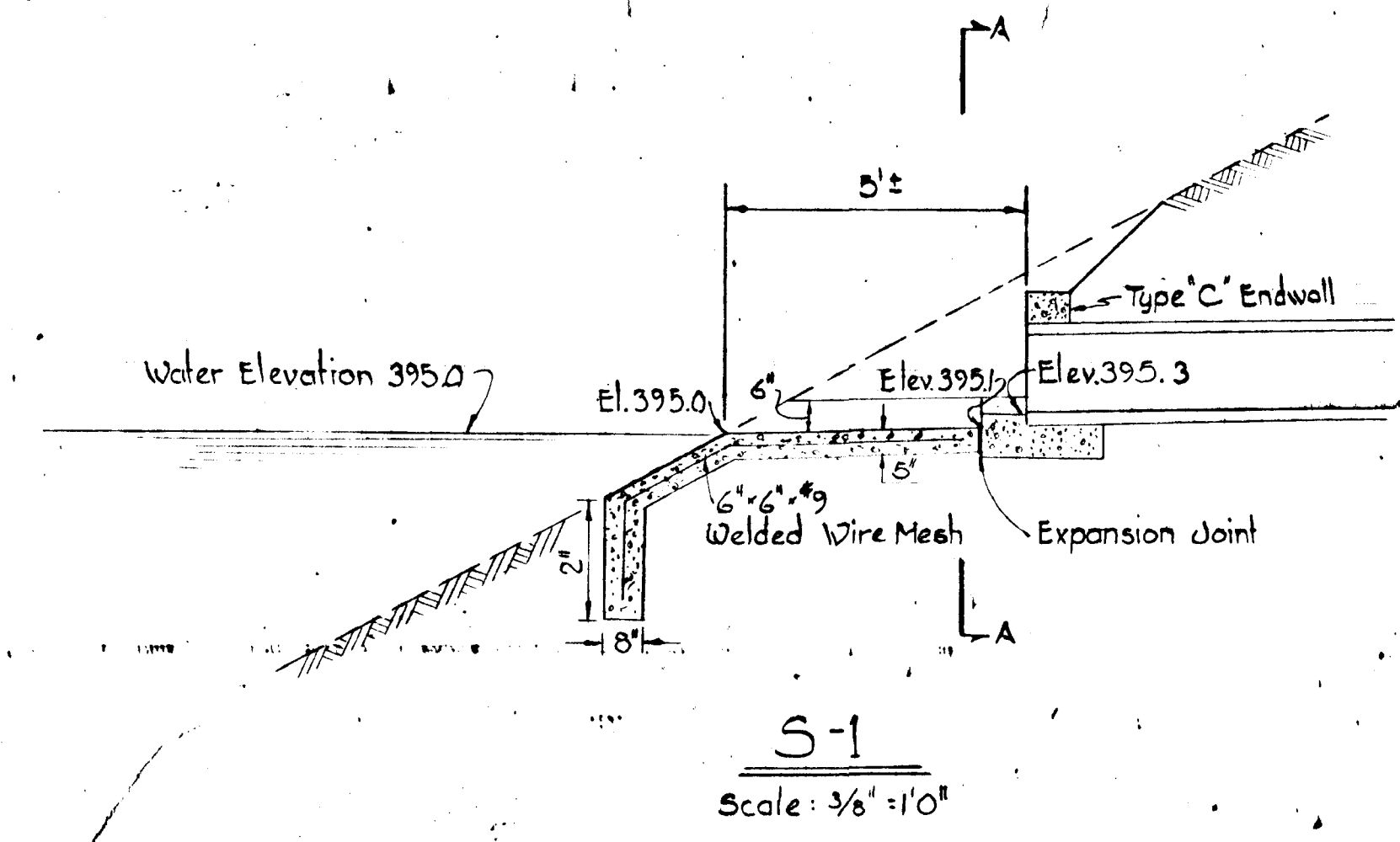
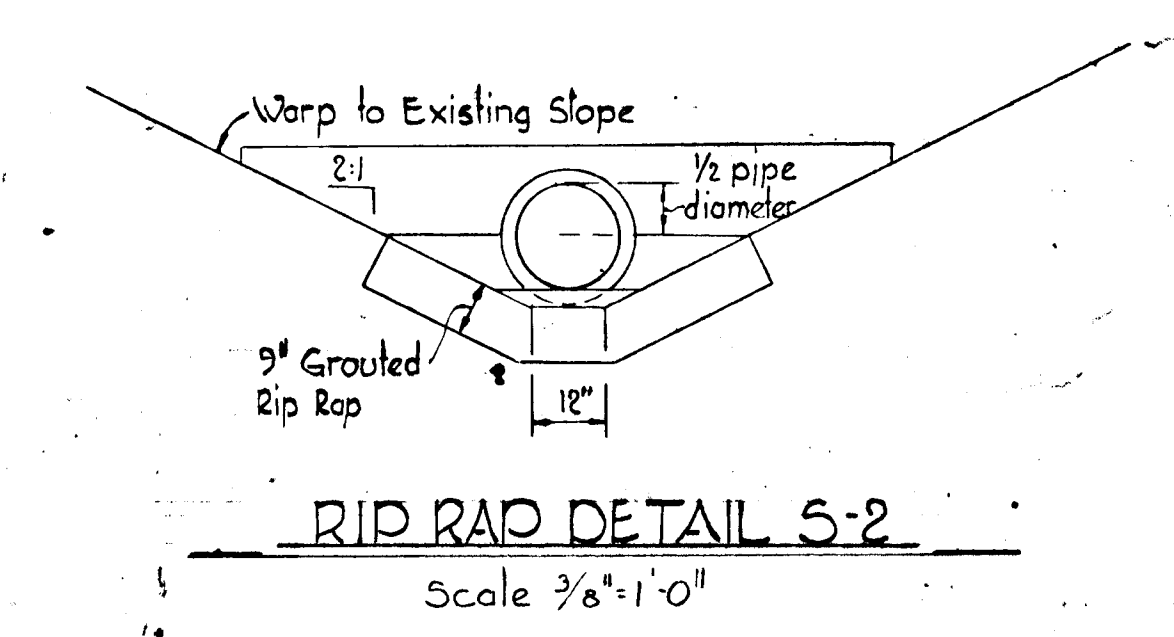
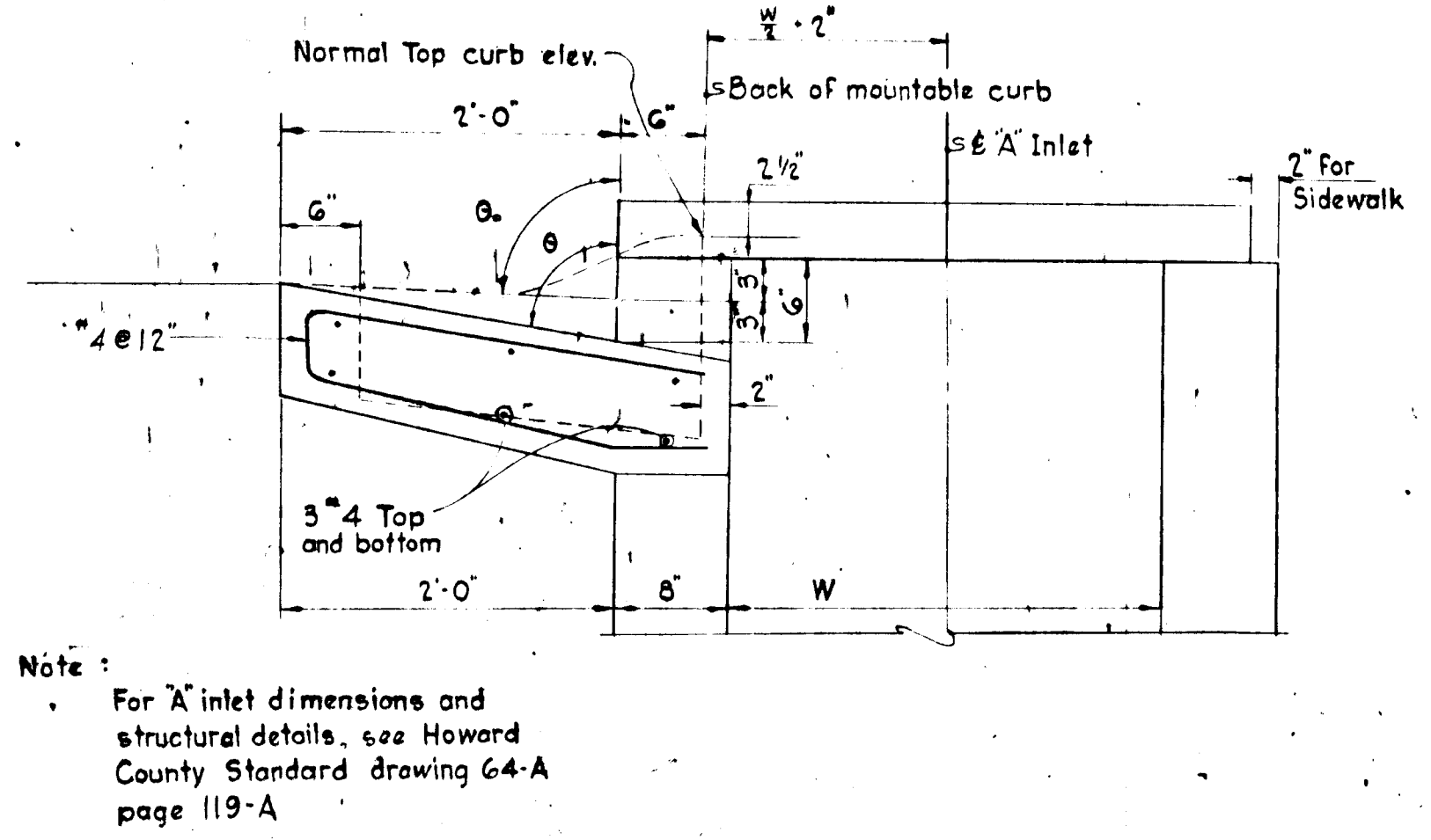
AND TRANSPORTATION PLANNING

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- Notes:
1. Gratings are subject to approval for each job. Any type of substantial transverse bars may be used which will support a minimum uniform load of 150 lbs/sq ft. The transverse bars shall be held rigid by spacer bar.
 2. All material to be hot dipped galvanized.
 3. Typical throat openings shown on all four sides. Refer to plan for specific location.



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PROJECT AREA
VILLAGE OF LONG REACH
SECTION 1, AREA 1
RESUBDIVISION OF PARCEL "K"

PROJECT TITLE
STORM DRAIN DETAILS

Scale: As Shown Date: January 24, 1972

WHITMAN REQUARDT AND ASSOCIATES
ENGINEERS
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
CHIEF BUREAU OF HIGHWAYS
OFFICE OF PLANNING AND ZONING
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

5/16/72
5/9/72

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