

"As-Built" Elevations as of April 14, 1980

Signed by:
Kenneth A. McCord P.E.#1974

COLUMBIA

HOWARD COUNTY, MARYLAND
5TH ELECTION DISTRICT

ROAD CONSTRUCTION PLANS VILLAGE OF HICKORY RIDGE SECTION I AREA 6 LOTS C-1 THRU C-39 A RESUBDIVISION OF A PORTION OF PARCEL "C"

GENERAL NOTES

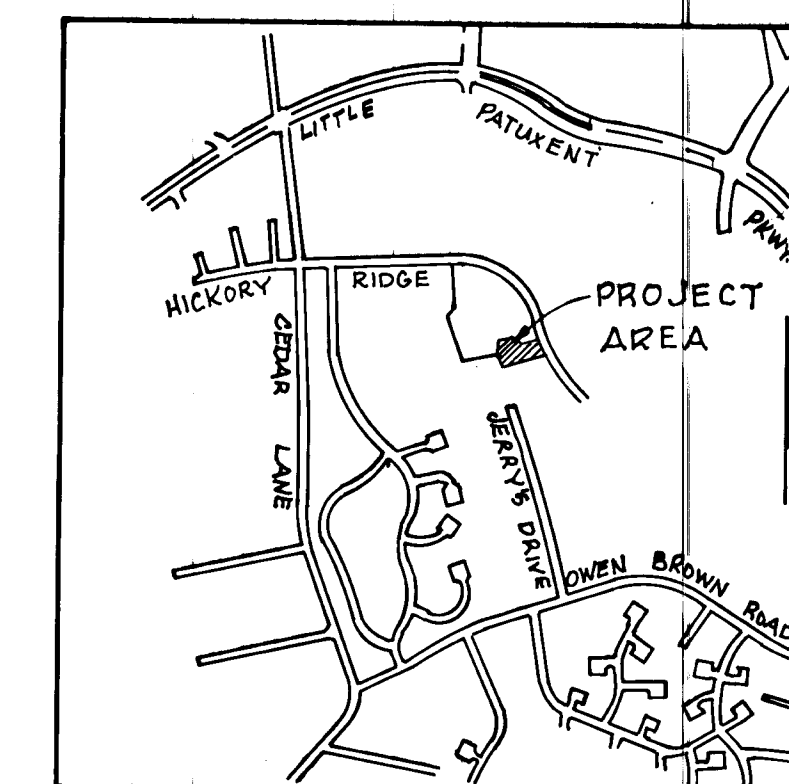
1. All work shall be done in accordance with Howard County Road Construction Code and Standard Specifications.
2. All utility companies must be notified 24 hours in advance of any construction.
3. Secondary residential streets are designed for 30 m.p.h. traffic speed in accordance with AASHTO standards.
4. All inlets shall be Howard County Standard unless otherwise shown. All "A" inlets shall be depressed.
5. Storm drain trenches within road rights-of-ways shall be backfilled and compacted in accordance with Howard County Road Code.
6. Any damage to public rights-of-ways or paving will be corrected at the developer's expense.

SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN AND PROFILE
3	STANDARD DETAILS
4	STORM DRAIN PROFILES AND SPECIAL DETAILS
5	DRAINAGE AREA MAP

REFERENCES

VERTICAL: RR Spike in 26" Maple 60'± Right of ± Sta. 30+70±
Hickory Ridge Road - Elev. 416.35
RR Spike in 60" Oak 130'± Right of ± Sta. 4+20±
High Beam Court - Elev. 427.36

HORIZONTAL: IRON Pipe 305'± Southeast of High Beam Court cul-de-sac
center point N500556.963, E833955.438
IRON Pipe 260'± Southwest of High Beam Court cul-de-sac
center point N500661.607, E833619.700



VICINITY MAP
Scale: 1"=2,000'

NOTE:
Sediment control structures required for road construction are shown on Parcel "C" - Lots C-1 thru C-39, Site Plans SDP 79-77C

DEPARTMENT OF PUBLIC WORKS
W. O. Gilbert 4-3-79
CHIEF, BUREAU OF ENGINEERING DATE
OFFICE OF PLANNING AND ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

DEVELOPER
HOWARD HOMES COMMUNITIES INC.
P.O. BOX 802
COLUMBIA, MARYLAND

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
BALTIMORE, MARYLAND
Kenneth A. McCord
KENNETH A. McCORD
Registered Engineer
No. 1974

F 79-104C

3/12/79

SHEET 1 OF 5
F-79-104 AS
BUILT

LEGEND

- Publicly Maintained Roadway
- Stop Sign R1-1 30'x30'
- Sidewalk Ramp

NOTE:
For Hickory Ridge Road profile and storm drains, see Road Construction Drawings for the Village of Hickory Ridge Section I, Area G, dated 6/30/78 by Purdum and Veschke.

CURVE DATA

RC. 1+52.64 TO P.T. 2+73.23
 $\Delta = 24^{\circ}40'35''$ Tan = 61.25'
 $R = 280.00'$ Chd = 119.66'
 Arc = 120.59' Brg = S 62^{\circ}33'33'' W

LINEAR PROFILE CURVE DATA

PC. 2+74.09 TO P.T. 0+18.50 P.T. 0+18.50 TO PC. 0+28.56
 $\Delta = 48^{\circ}11'23''$ Tan = 9.84' 62^{\circ}42'28'' W = 10.06'
 $R = 22.00'$ Chd = 17.96'
 Arc = 18.50' Brg = S 50^{\circ}48'10'' W

PC. 0+29.56 TO P.T. 2+40.80 P.T. 2+40.80 TO PC. 2+50.86
 $\Delta = 27^{\circ}22'26''$ Tan = 4.64' 56^{\circ}54'46'' E = 10.06'
 $R = 44.00'$ Chd = 21.96'
 Arc = 212.24' Brg =

PC. 2+50.86 TO P.T. 2+62.36
 $\Delta = 4^{\circ}11'22''$ Tan = 0.74' 92^{\circ}54'10'' E = 10.06'
 $R = 22.00'$ Chd = 17.96'
 Arc = 13.50' Brg = S 81^{\circ}00'25'' E

DEPARTMENT OF PUBLIC WORKS
W O Gilbert 4-3-79
 CHIEF BUREAU OF ENGINEERING DATE
 OFFICE OF PLANNING & ZONING
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

"As-Built" Elevations as of April 14, 1980
 Signed by:
 Kenneth A. McCord P.E. #1974

3/12/79
 Rev. Date Rev. No. As Per DW Comments
 Revision Description
COLUMBIA
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 OWNER AND DEVELOPER
 HOWARD HOMES COMMUNITIES, INC.

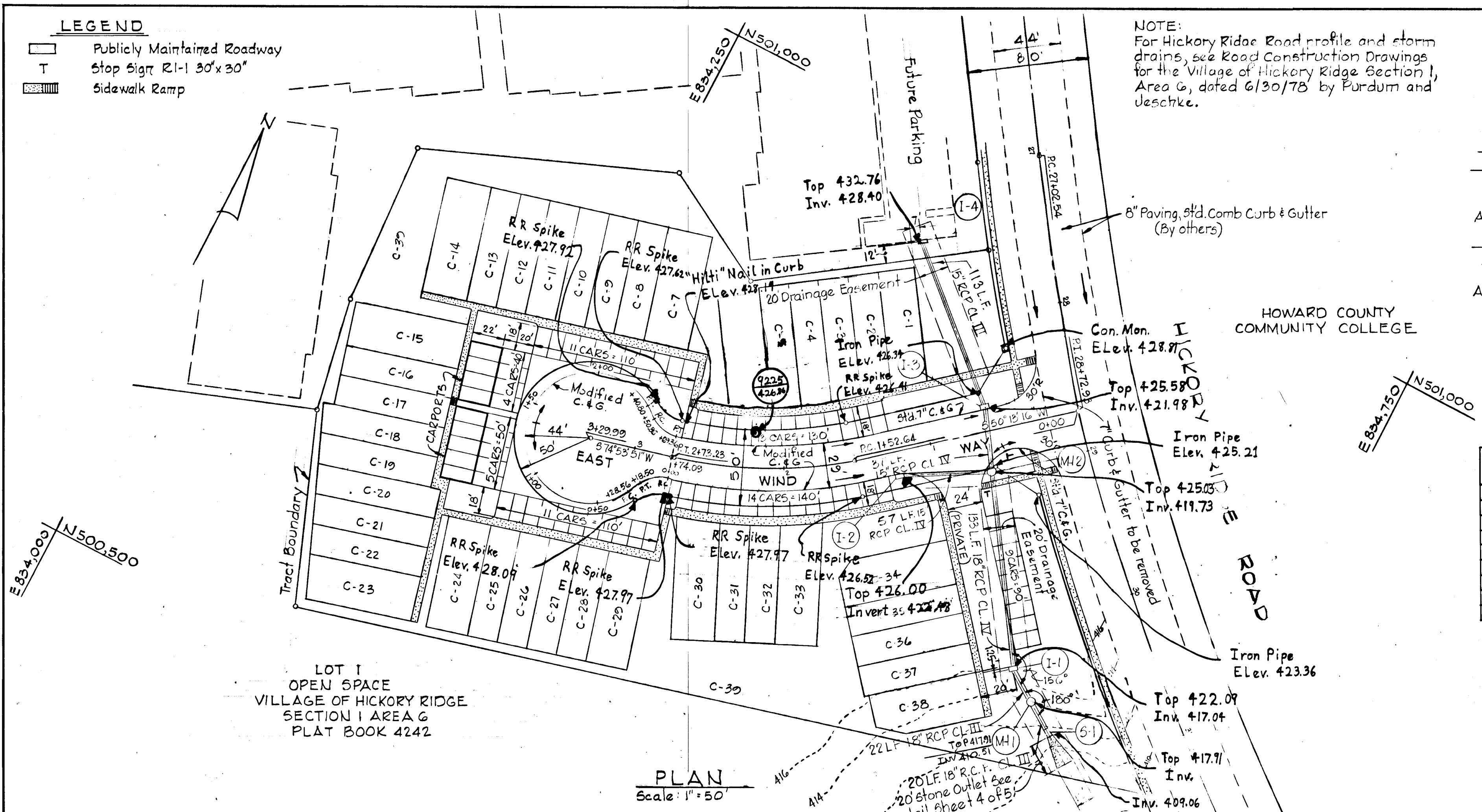
PROJECT AREA
VILLAGE OF HICKORY RIDGE
 SECTION I AREA G LOTS C-1 TO C-39
 A RESUBDIVISION OF A PORTION OF PARCEL C

PROJECT TITLE
PLAN & PROFILE
EAST WIND WAY

SCALE: AS SHOWN DATE

WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND 21202

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

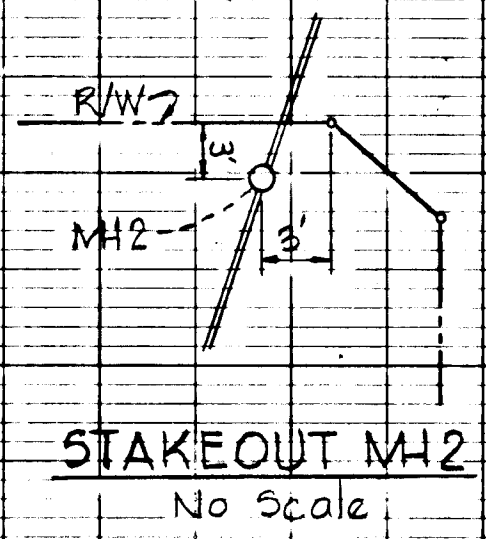


STORM DRAIN STRUCTURE SCHEDULE

NO.	TYPE	TOP ELEV.	INV. IN	INV. OUT	LOCATION
I-1	A-5 Inlet (Width = 2.5')	422.00	417.29	417.09	See Plan and Profile
I-2	A-5 Inlet (Width = 2.5')	426.00	421.27	421.96	4' Inlet 15.75' Left of Sta. 1+26.00
I-3	A-5 Inlet (Width = 2.5')	425.20	421.67	421.67	4' Inlet 15.75' Right of Sta. 0+50.5
I-4	A-5 Inlet (Width = 2.5')	433.00	428.37	428.37	See Plan and Profile
M-1	Type 'B' Manhole	414.00	410.50	410.30	See Plan and Profile
M-2	Standard Manhole	425.10	419.87	419.60	See Plan and Profile
S-1	Standard Concrete End Section			410.13	See Plan and Profile

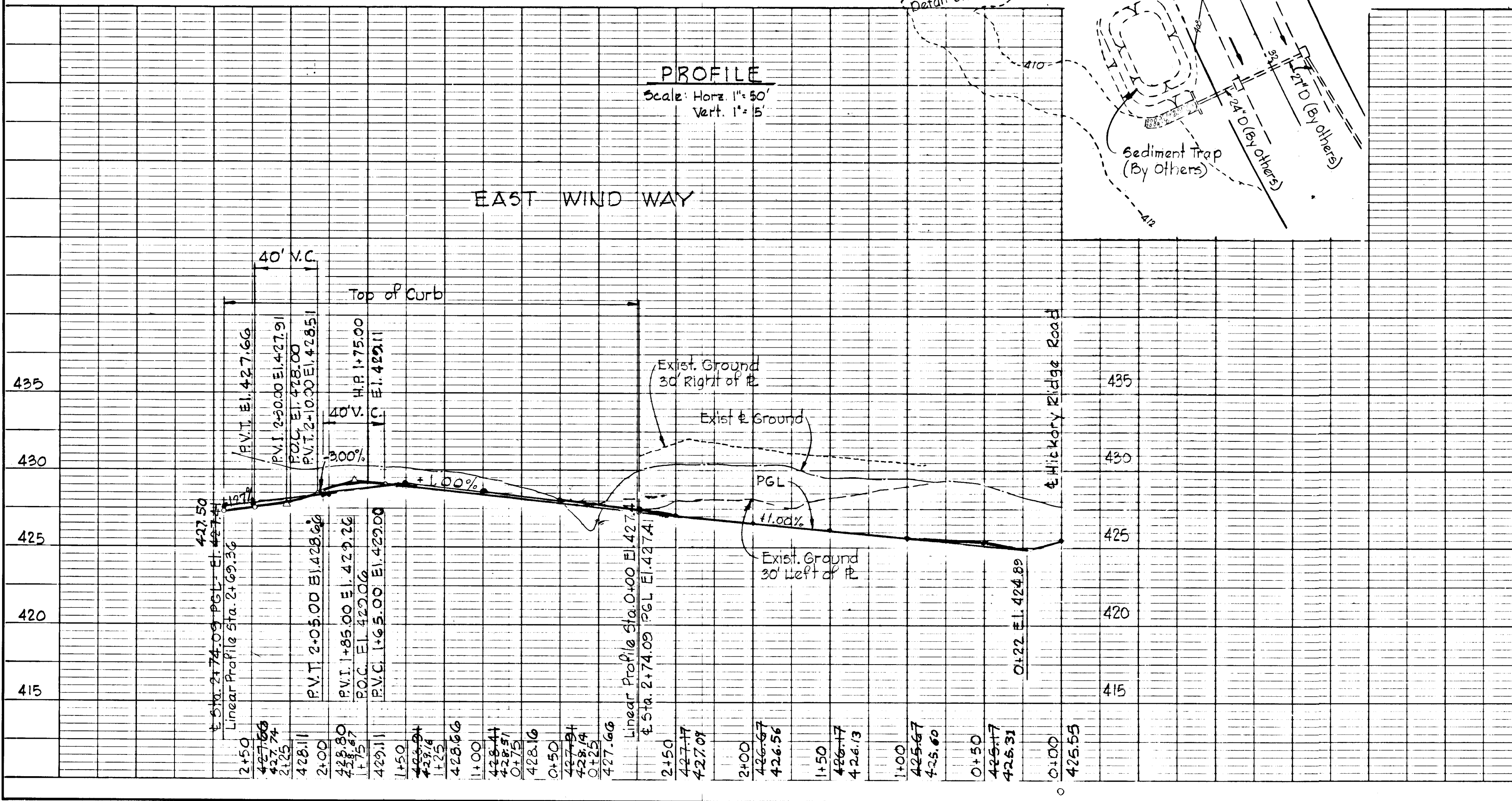
- Notes:
 1. Standard A-5 Inlet, Howard County Dwg. G4A, Page 119A.
 2. Standard Manhole, Howard County Dwg. D-10B, Page 15B.
 3. For Storm Drain Profiles, see Sheet 4 of 5.
 4. For Type 'B' Manhole see detail on Sheet 3 of 5.

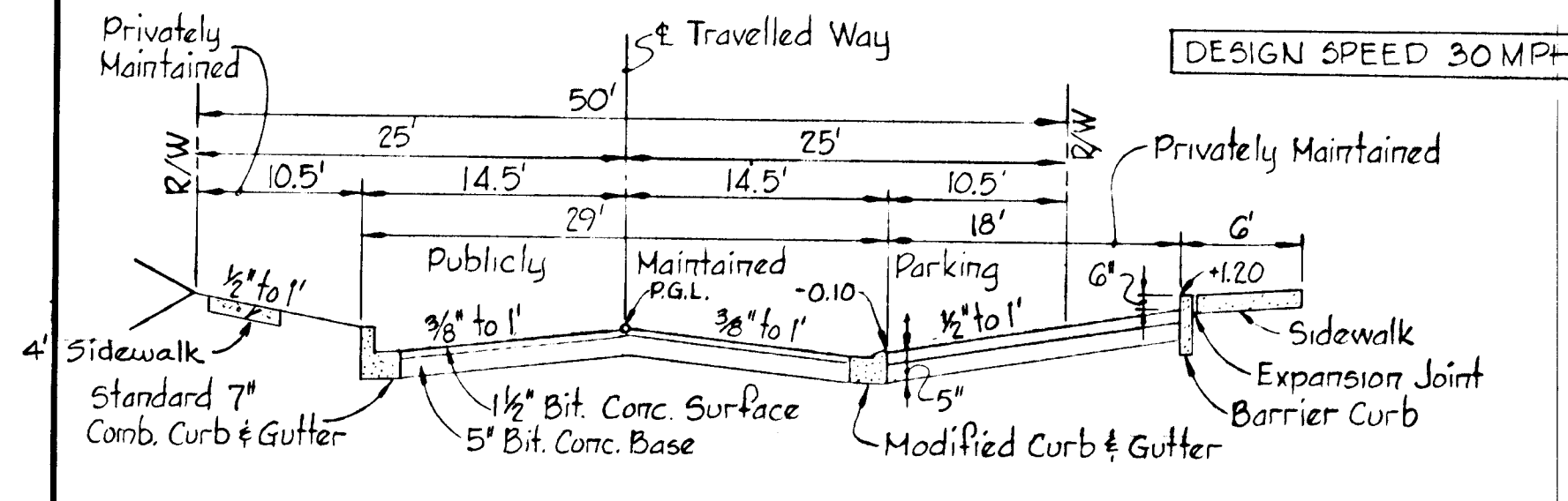
NOTE: Paving width = 24'
 Length of Road = 330'
 1 Sewer MH in road R/W



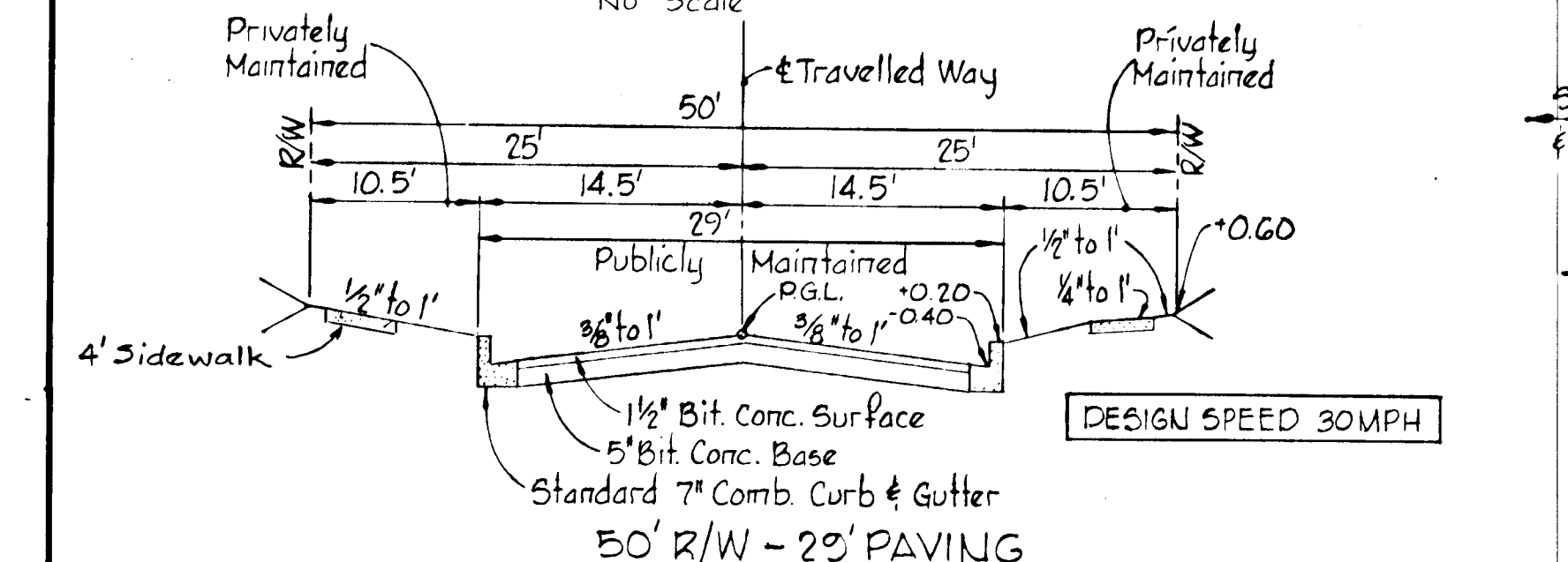
PLAN
 Scale: 1" = 50'

PROFILE
 Scale: Horiz 1" = 50'
 Vert. 1" = 15'





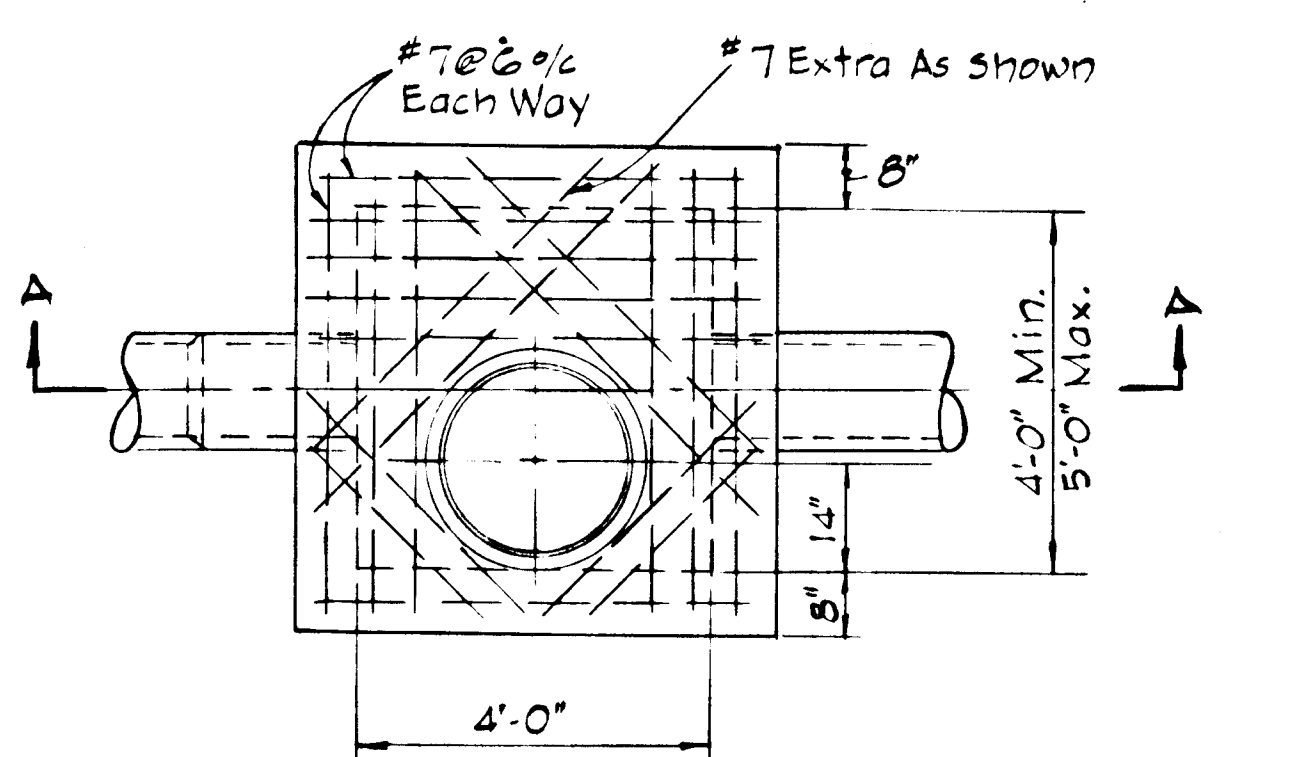
PARKING ADJACENT TO 29' PAVING



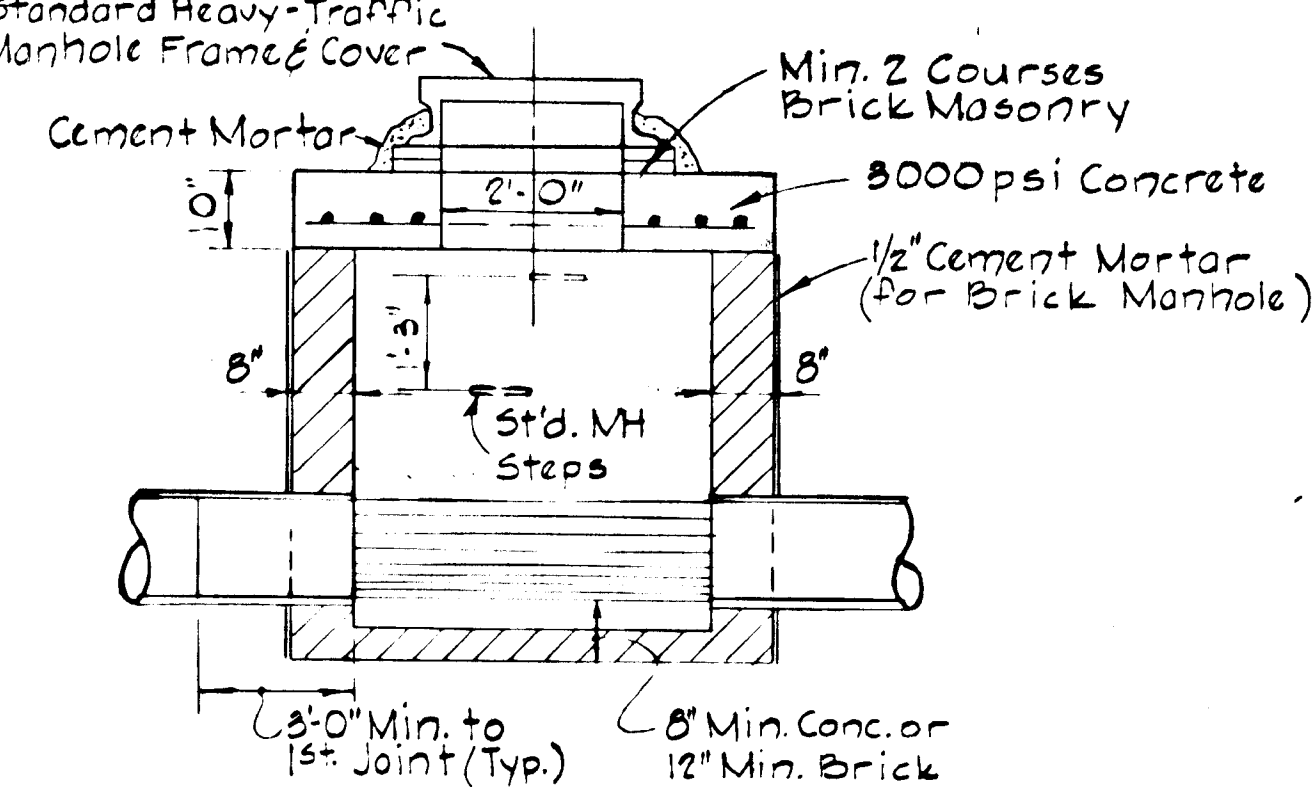
TYPICAL SECTIONS - EAST WIND WAY - STA. 0+22 TO STA. 2+74

NOTES:

- Standard 7" Comb. and Modified Curb and Gutter shall be in accordance with County Standard D-40, Page 95.
- Paving (G^{1/2}) shall be in accordance with County Standard D-11, Page 66.
- Transition from Standard 7" Comb. Curb and Gutter to Modified Curb and Gutter shall be in accordance with detail shown on this sheet.
- Tack Coat is required in accordance with Section C-31-4 of the Howard County Road Construction Code and Standard Spec.
- Base will be primed in accordance with C-30-3 as provided in the Howard County Road Construction Code and Standard Spec.
- Paving (B) shall be in accordance with County Standard D-13, Page 6B.
- Sidewalks shall be in accordance with County Standard D-14, Page 69.
- All material and construction methods shall be in accordance with the Howard County Road Construction Code.



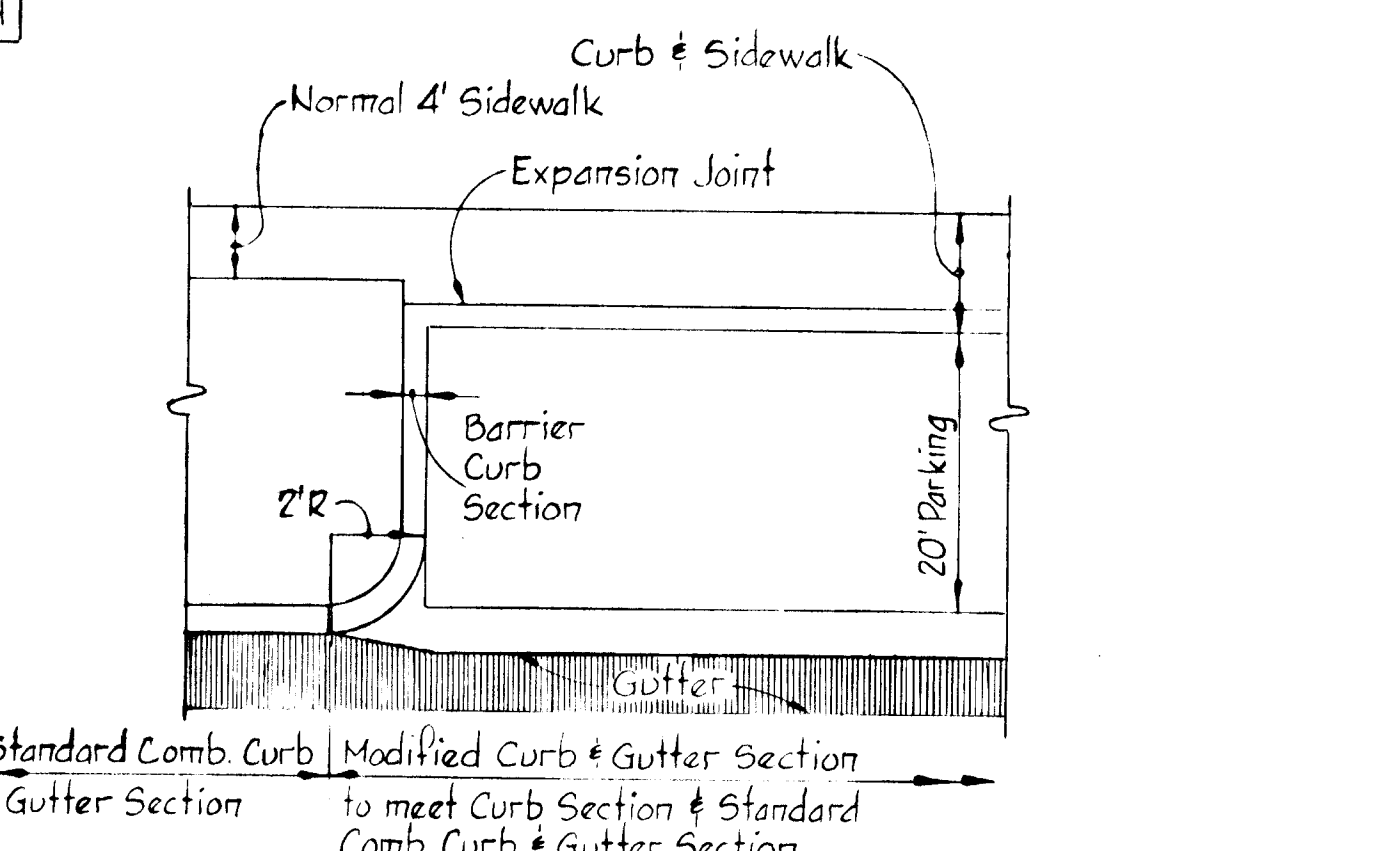
PLAN



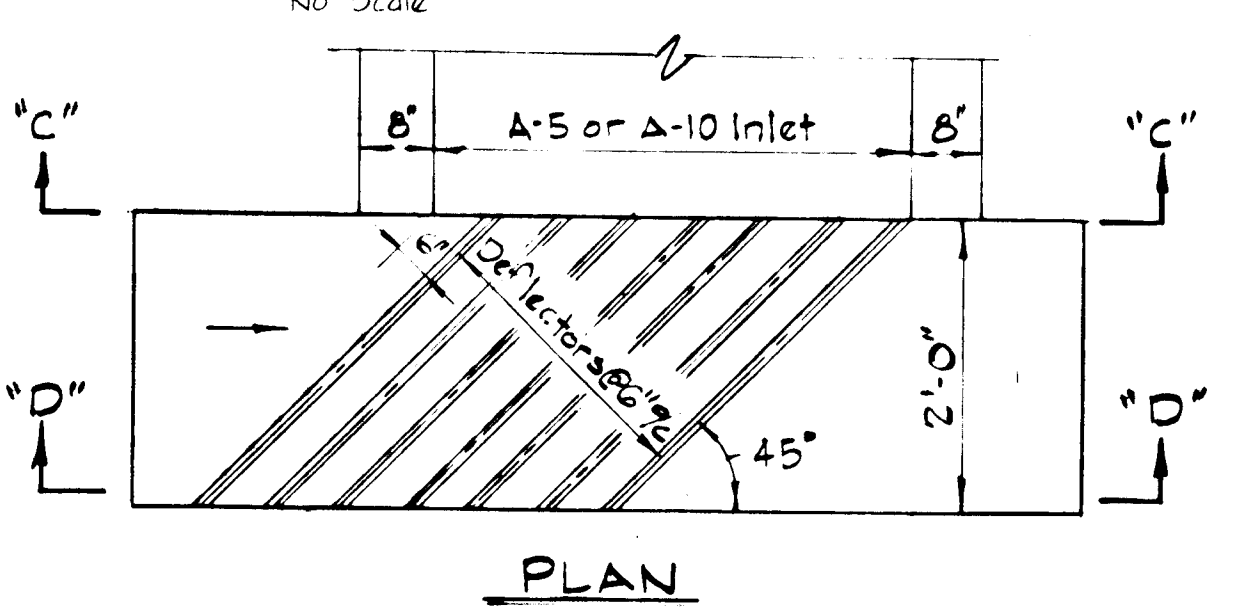
SECTION A-A

TYPE "B" MANHOLE

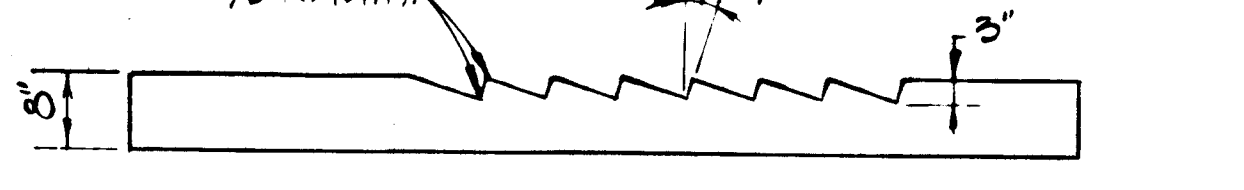
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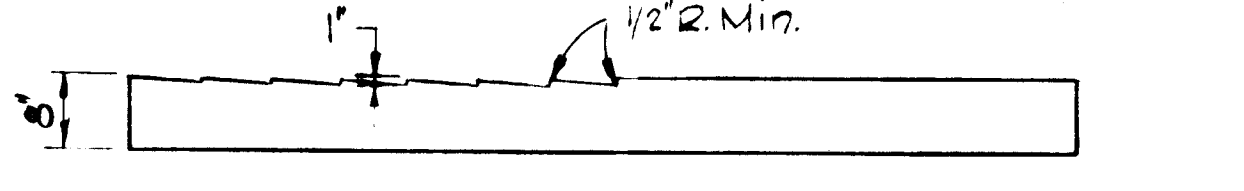
CURB GUTTER TRANSITION DETAIL



PLAN

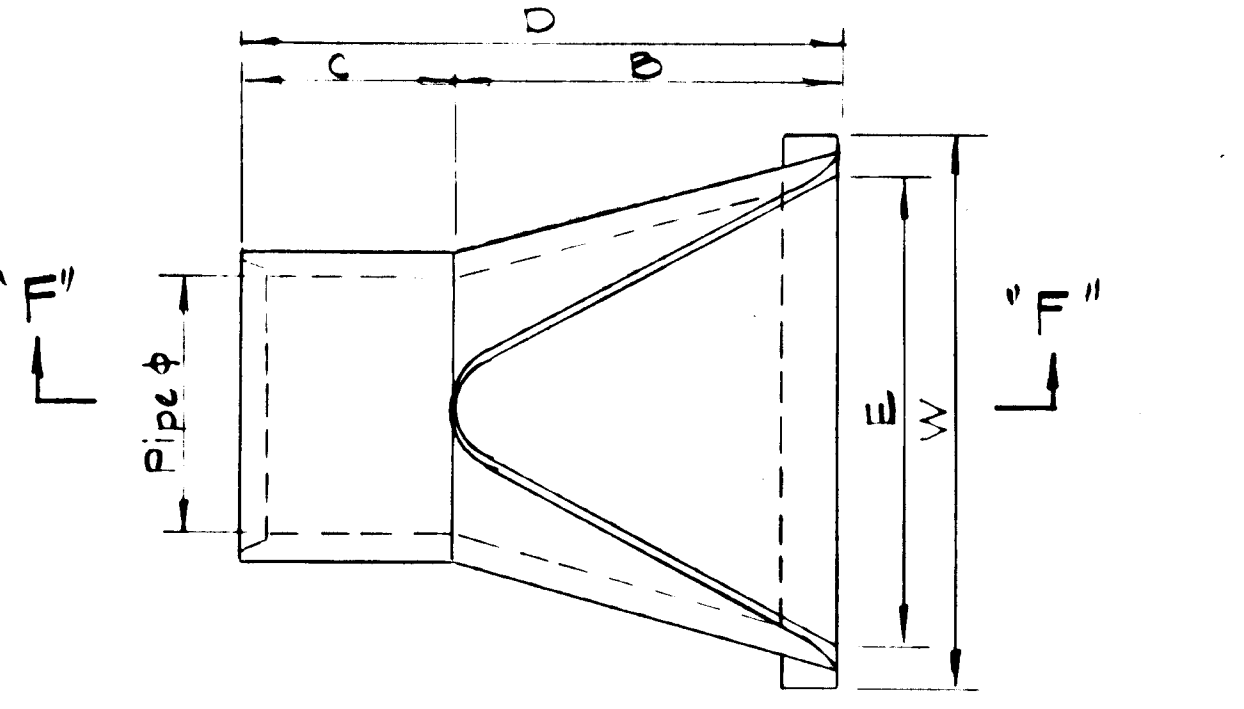


SECTION "C-C"

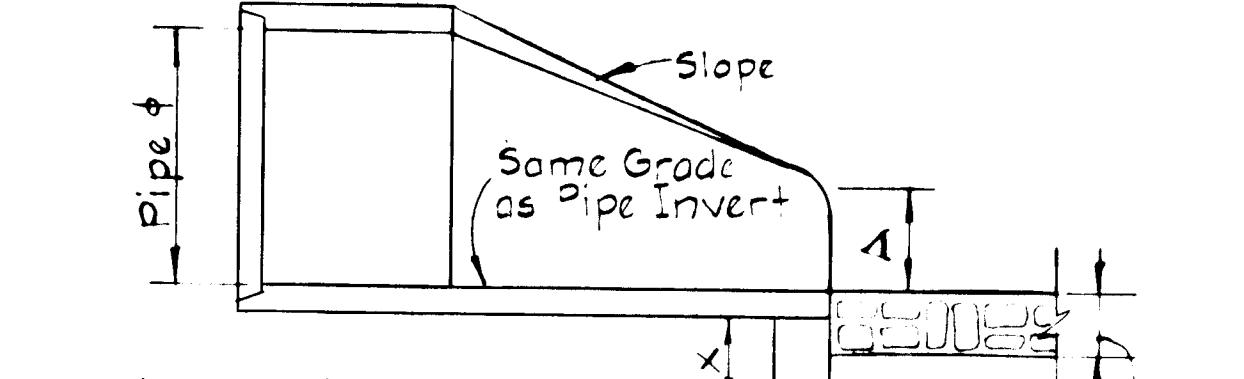


SECTION "D-D"

DEFLECTOR DETAIL



PLAN



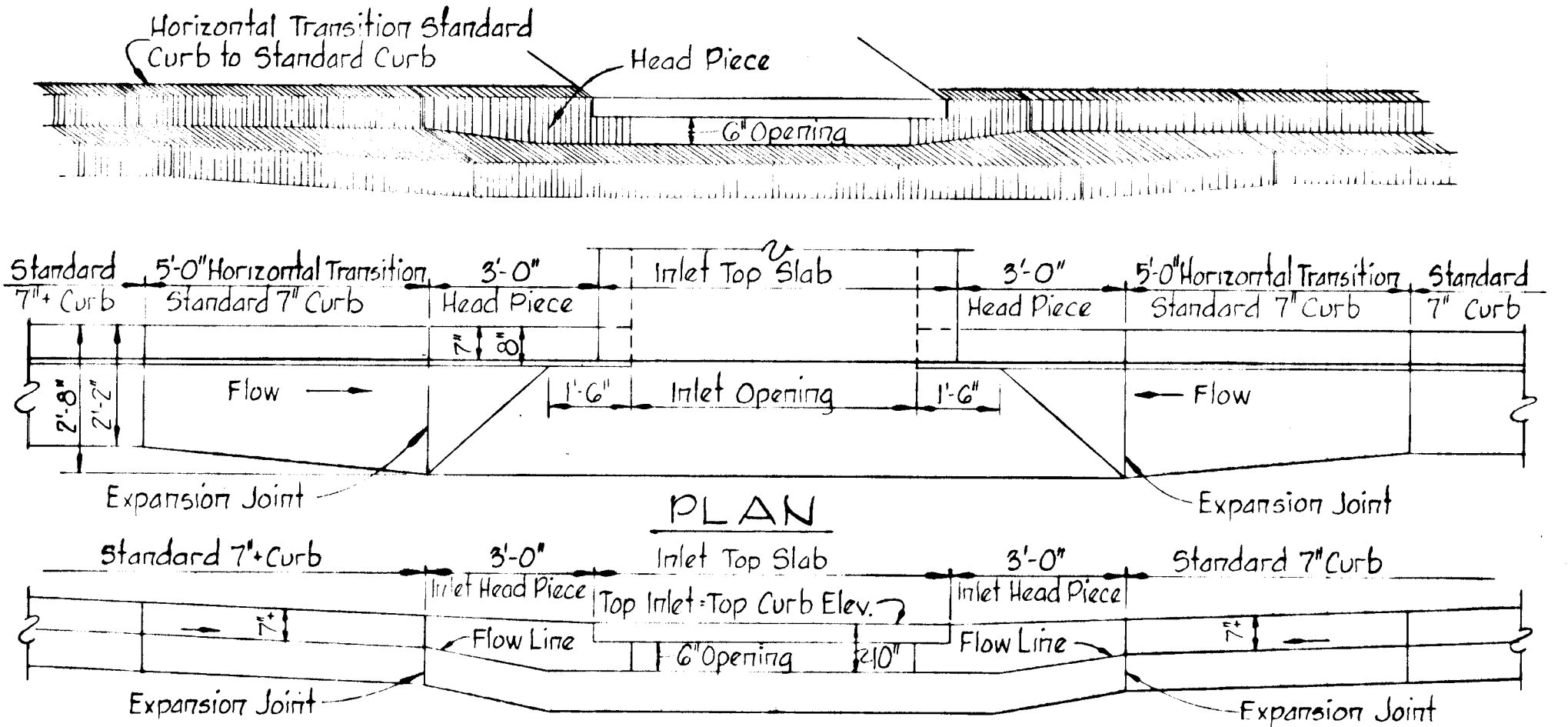
SECTION "F-F"

Note: Detail taken from State of Maryland Standard Dwg. No. MD-368.02

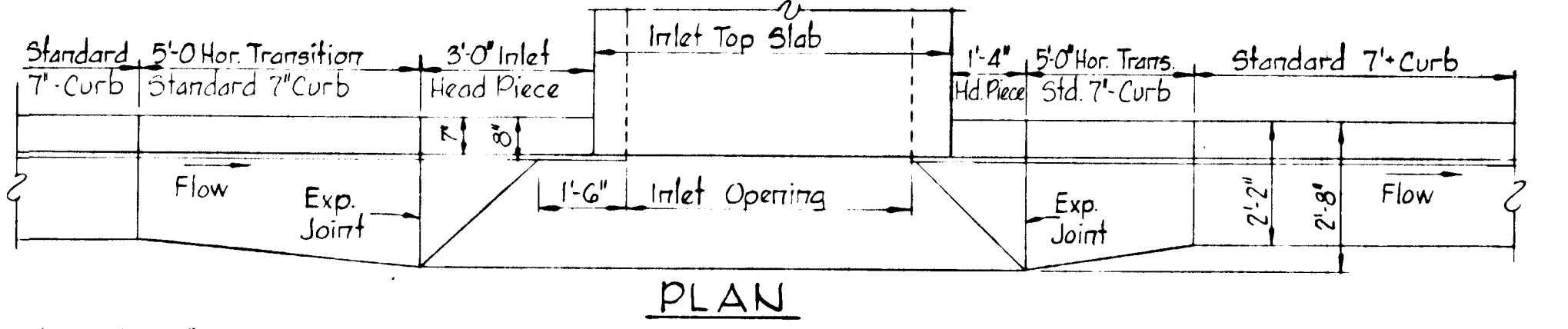
PIPE SIZE	SLOPE	A	B	C	D	E	W	X	Y
18"	3:1	0"	2'-3"	3'-0"	2'-11"	3'-0"	4'-0"	11"	0"
24"	3:1	0'-6"	3'-7"	4'-6"	3'-11"	4'-0"	5'-0"	15"	0"
30"	3:1	1'-0"	4'-6"	5'-7"	4'-11"	5'-0"	6'-0"	15"	0"
36"	3:1	1'-6"	5'-3"	6'-10"	5'-11"	6'-0"	7'-3"	15"	0"

CONCRETE END SECTION DETAIL

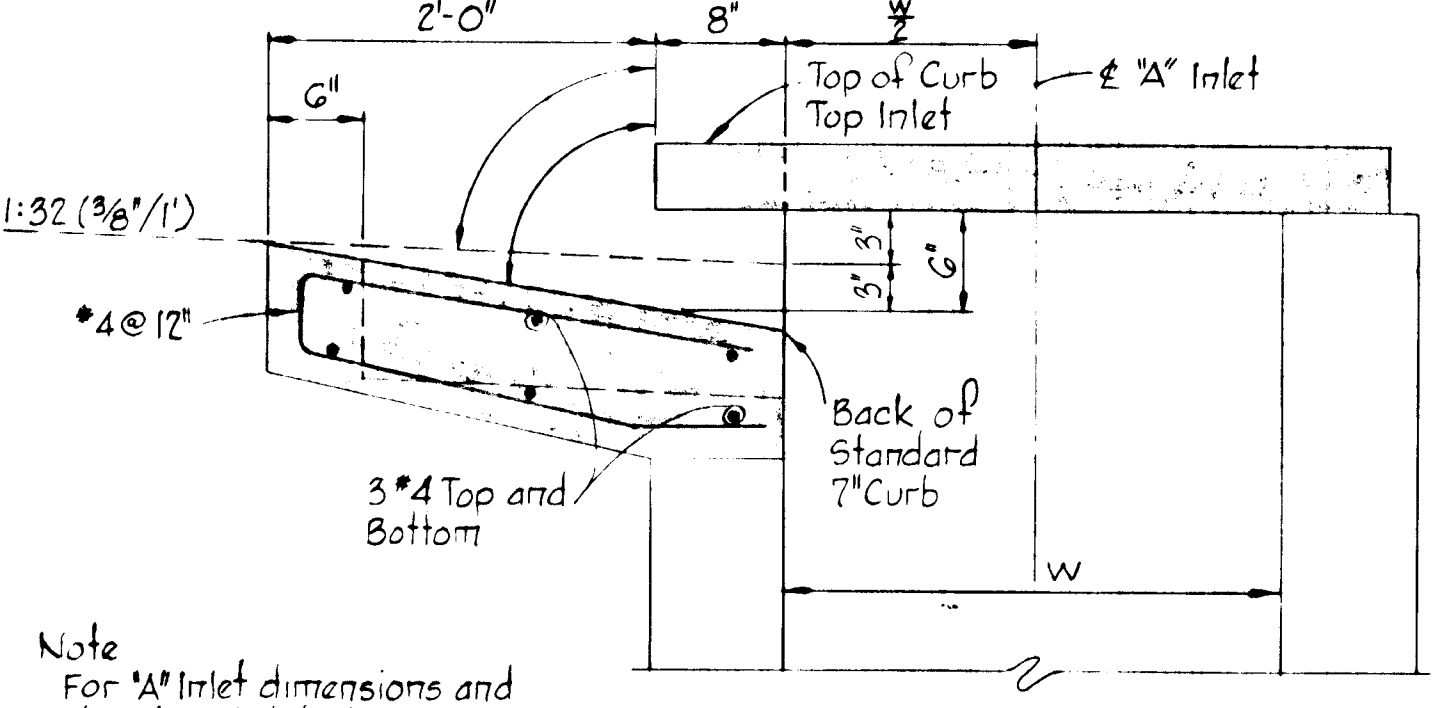
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SECTION ALONG FLOW LINE
SUMPED "A" INLETS - STANDARD CURB

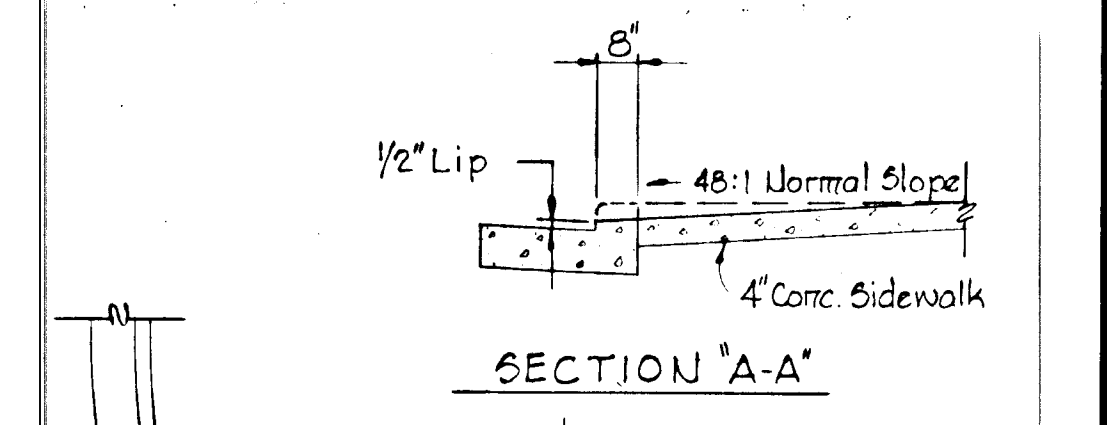


SECTION ALONG FLOW LINE
"A" INLETS - STANDARD CURB

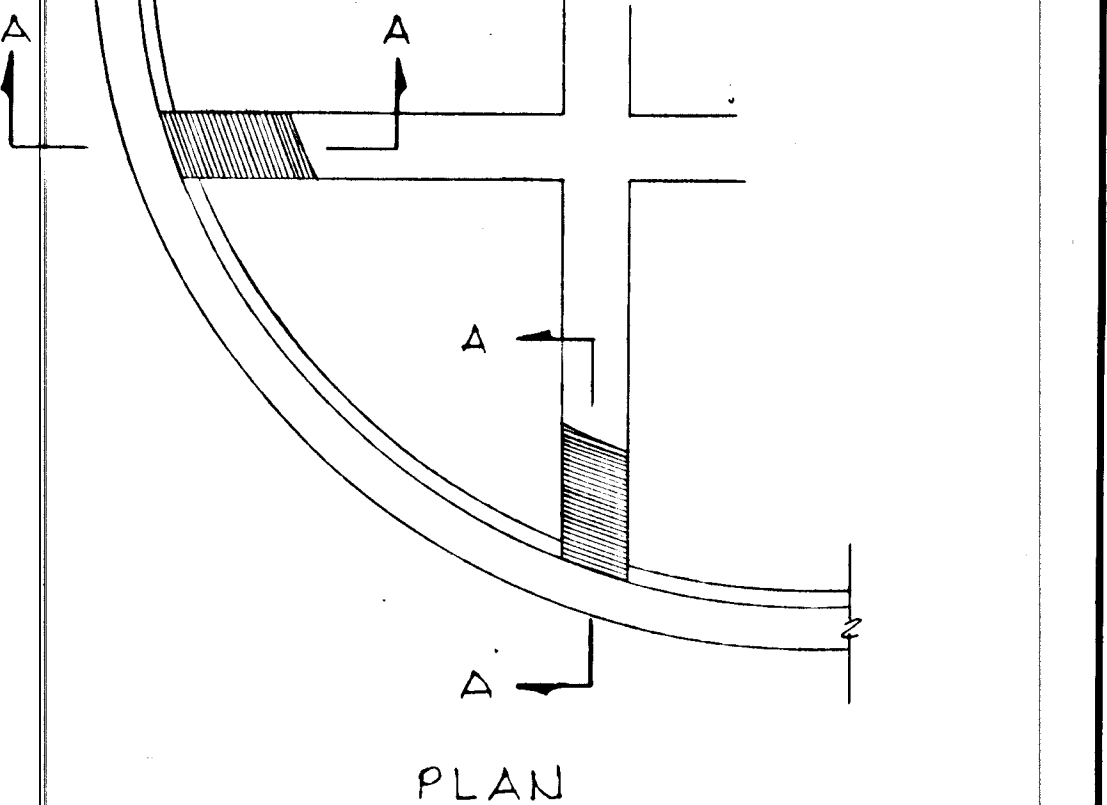


SECTION "A" INLET STANDARD CURB

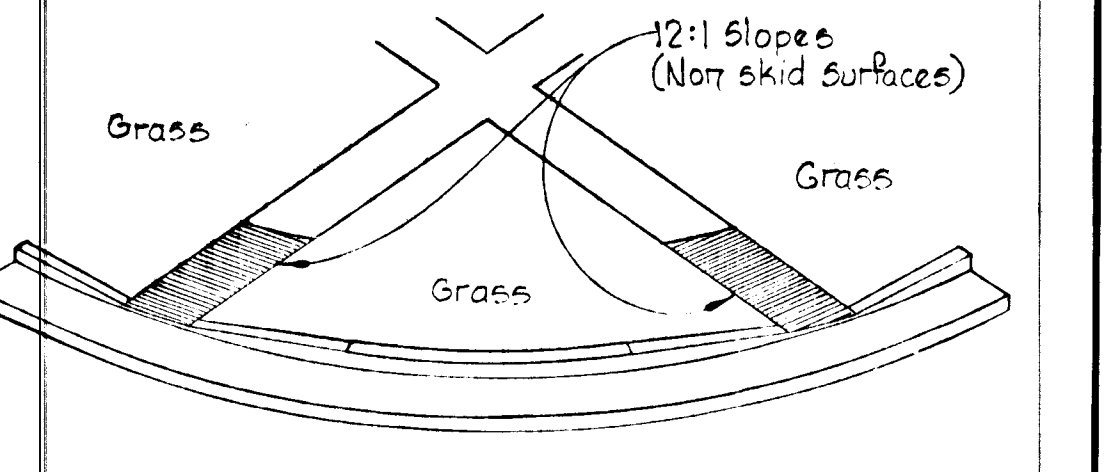
Note: For "A" Inlet dimensions and structural details, see standard Howard County Drawing G4-A page 119-A



SECTION "A-A"



PLAN



ISOMETRIC VIEW

SIDEWALK RAMP

No Scale

Rev. Date	Rev. No.	Revision Description
3/12/79	1	As Per DPW Comments

COLUMBIA
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER
 HOWARD HOMES COMMUNITIES, INC.

PROJECT AREA
 VILLAGE OF HICKORY RIDGE
 SECTION 1 AREA G LOTS C-1 TO C-30
 A RESUBDIVISION OF A PORTION OF PARCEL "C"

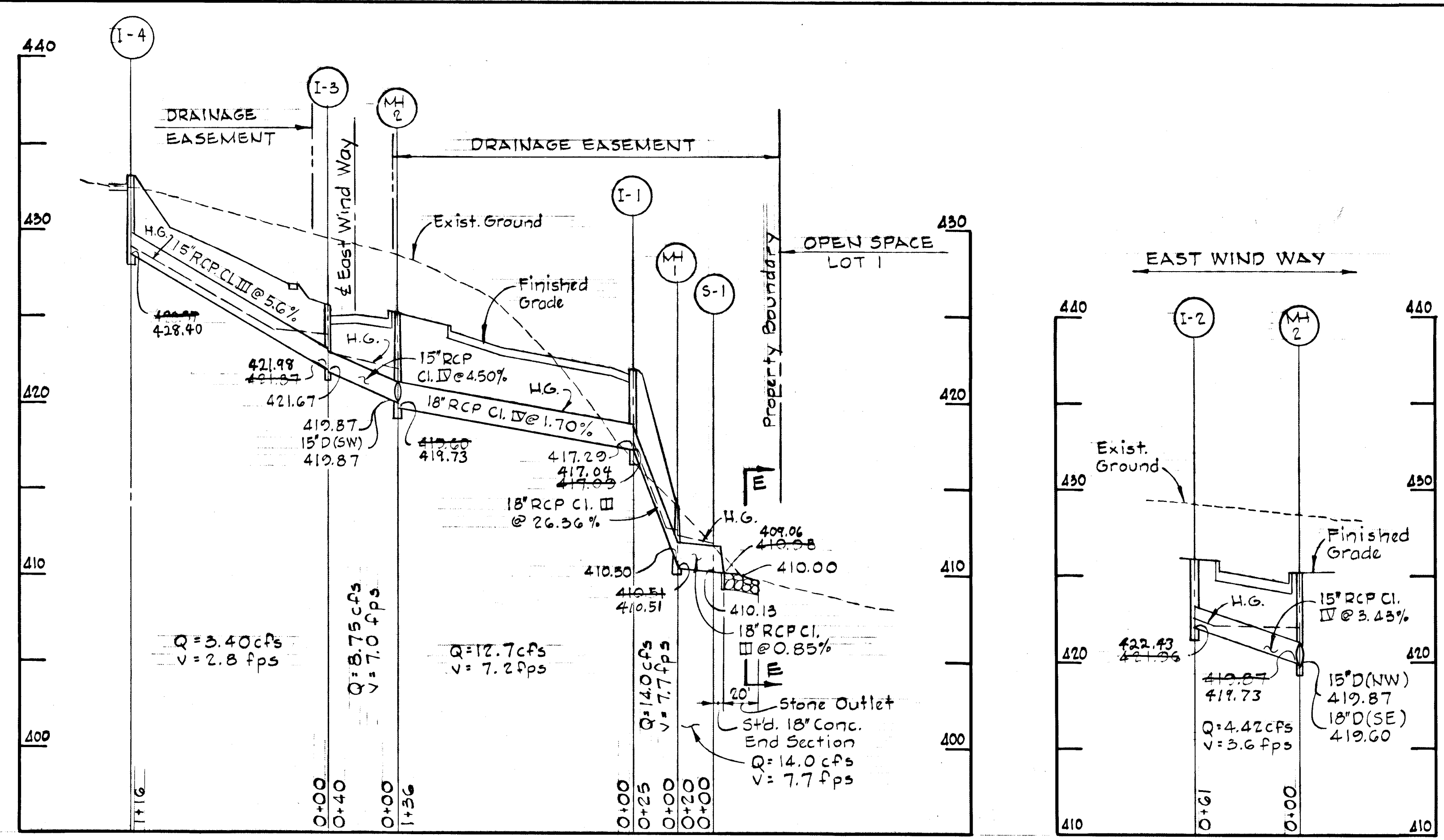
PROJECT TITLE
STANDARD DETAILS

SCALE: AS SHOWN DATE

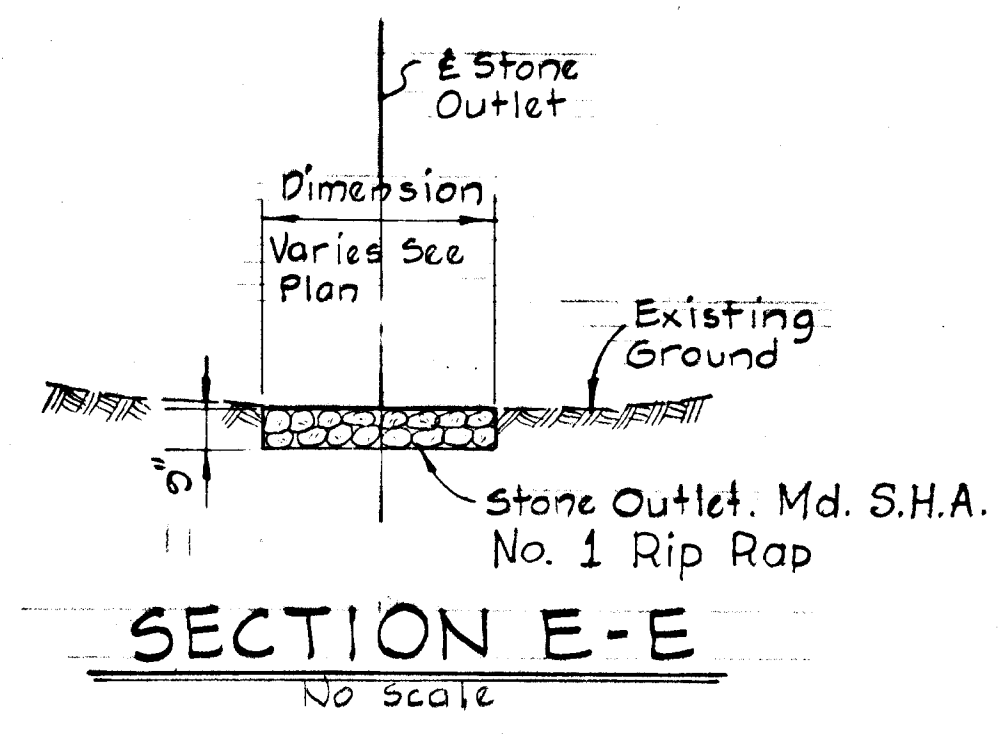
WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND 21202

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

"As Built" Elevations as of April 14, 1980
 Signed by:
 Kenneth A. McCord RE. #1974



PROFILES
 Scale: Hor. 1"=50'
 Ver. 1"=5'



Note:
 The approved Storm Water Management Pond, which will be constructed just off the southwest corner of the property, satisfies all sediment control and storm water management requirements for this section. See Sheets 4 and 5 of 7 SDP 79-77. For stabilization of disturbed areas and flushing of storm drains, see Sheet 5 of 7 SDP 79-77.

Rev. Date	Rev. No.	Revision Description
3/12/79	1	As Per DPW Comments

COLUMBIA
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER
 HOWARD HOMES COMMUNITIES, INC.

PROJECT AREA
VILLAGE OF HICKORY RIDGE
 SECTION 1 AREA 6 LOTS C-1 TO C-39
 A RESUBDIVISION OF A PORTION OF PARCEL "C"

PROJECT TITLE
STORM DRAIN PROFILES

SCALE: AS SHOWN DATE

WHITMAN, REQUART & ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND 21202

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

CERTIFICATION BY THE DEVELOPER
 "I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Lee B. Rosenburg
 LEE B. ROSENBURG
 DATE 3-5-79

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

Kenneth A. McCord
 KENNETH A. MCCORD RE. 1974
 DATE 3-5-79

REVIEWED FOR Howard S.C.D.
 NAME
 AND MEETS TECHNICAL REQUIREMENTS

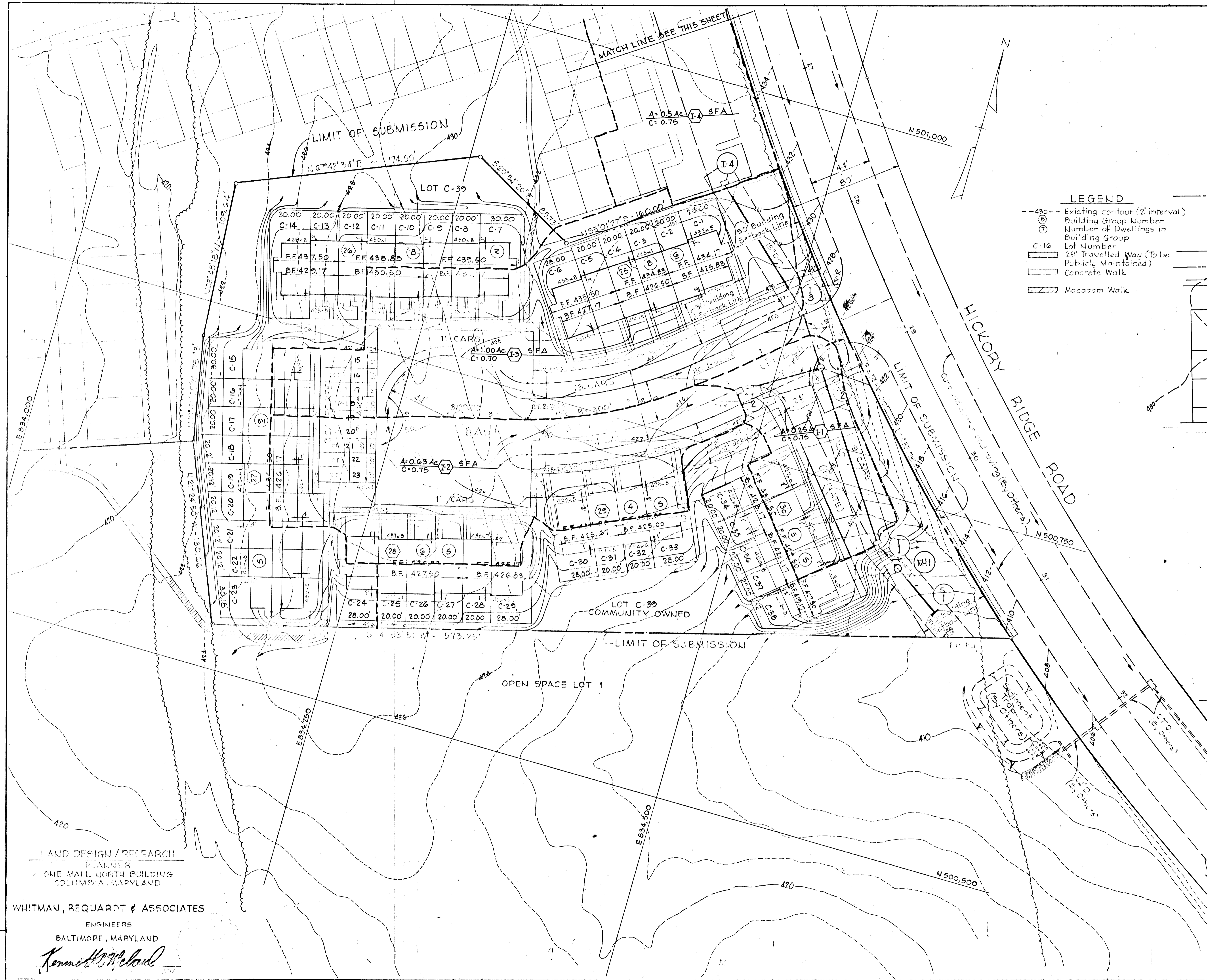
Wayne Reg DATE 3/26/79
 SIGNATURE

U.S. SOIL CONSERVATION SERVICE

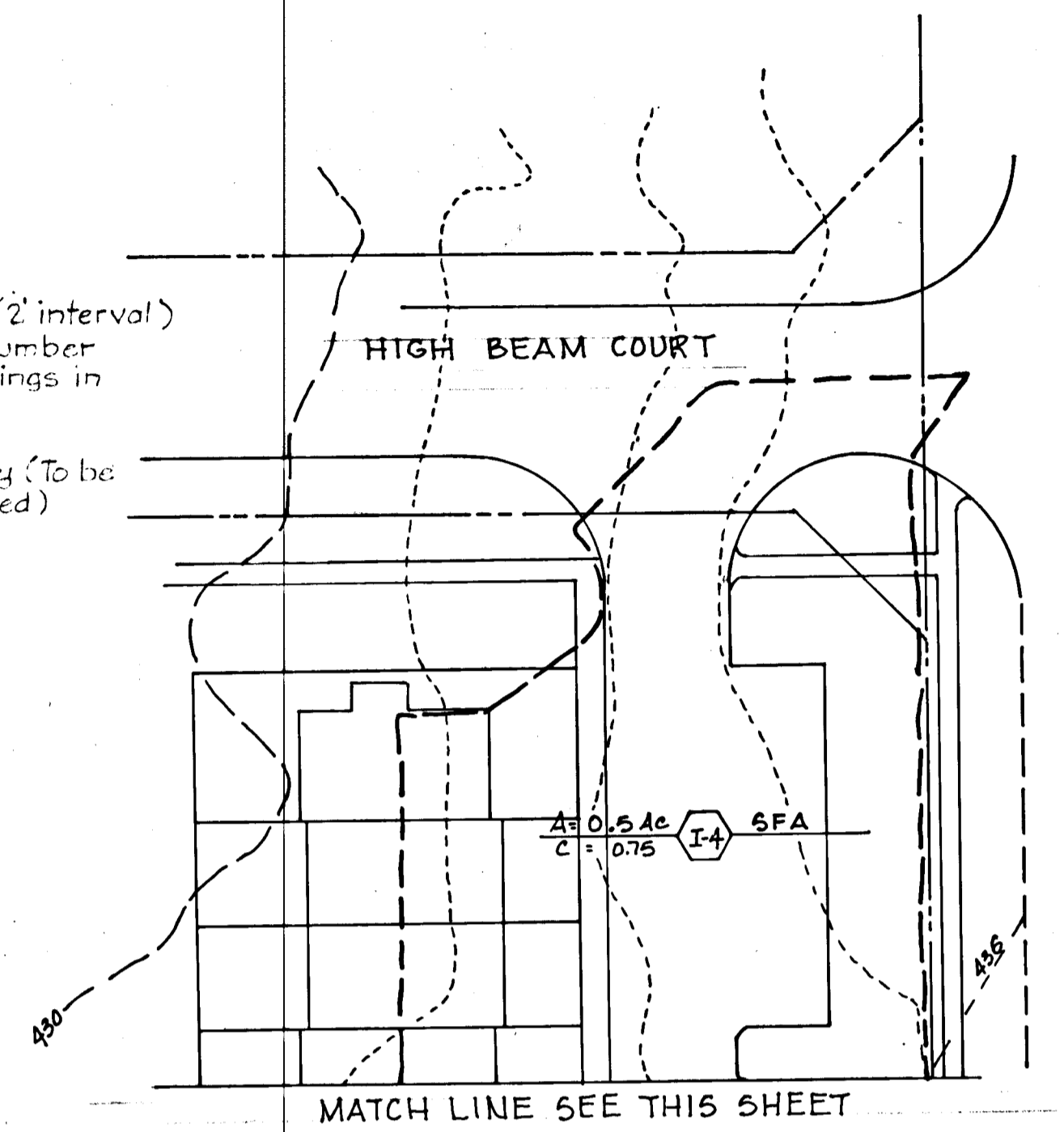
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Robert W. Zilber
 APPROVED
 HOWARD S.C.D.

DATE 3/26/79



- LEGEND**
- - - Existing contour (2' interval)
 - (B) Building Group Number
 - (D) Number of Dwellings in Building Group
 - C-16 Lot Number
 - ▭ 28' Travelled Way (To be Publicly Maintained)
 - ▭ Concrete Walk
 - ▨ Macadam Walk



THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 OWNER
 10275 LITTLE PATUENT PARKWAY
 COLUMBIA, MARYLAND

HOWARD HOMES COMMUNITIES, INC.
 DEVELOPER
 P.O. BOX 802, COLUMBIA, MARYLAND

NO	DATE	DESCRIPTION OF REVISIONS
1	3/12/79	As Per DPW Comments

COLUMBIA
DRAINAGE AREA MAP
 FOR
HICKORY RIDGE
 SECTION 1, AREA G
 LOTS C-1 THRU C-33
 A RESUBDIVISION OF A PORTION OF PARCEL 10

SHEET 5 OF 5
 ELECTION DISTRICT NO. 5, HOWARD COUNTY, MARYLAND
 DATE: 3/12/79

LAND DESIGN / RESEARCH
 PLANNER
 ONE WALL NORTH BUILDING
 COLUMBIA, MARYLAND

WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND
Kenneth H. Melrod