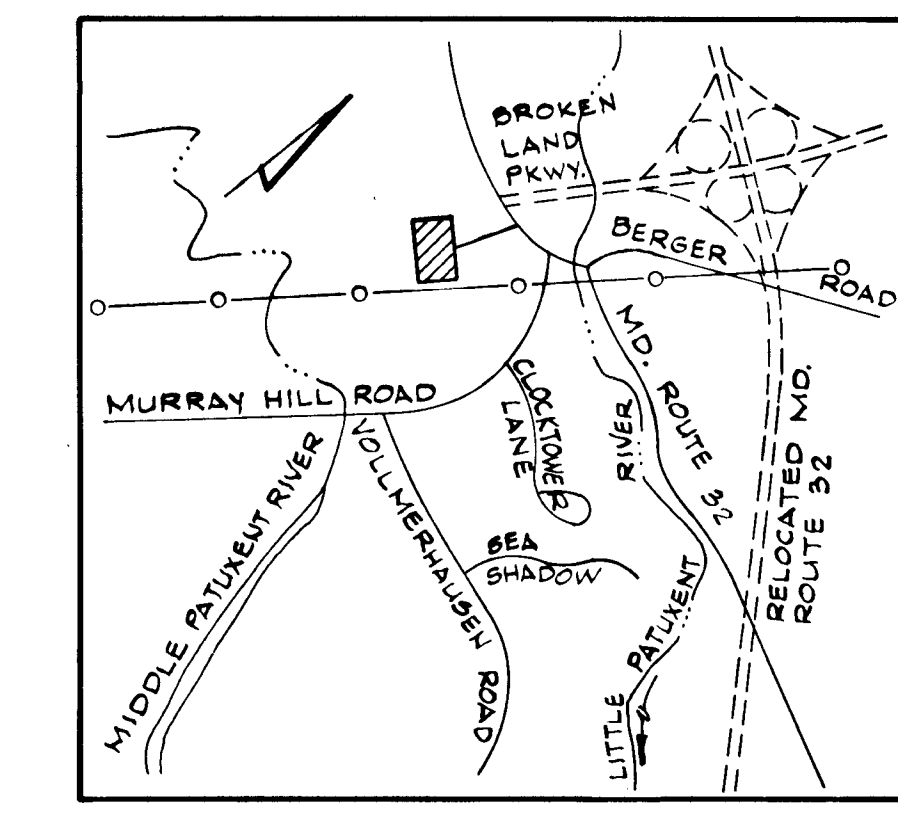


COLUMBIA

HOWARD COUNTY, MARYLAND
 6TH ELECTION DISTRICT

ROAD CONSTRUCTION PLANS VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 LOTS B-68 THRU B-166 A RESUBDIVISION OF PARCEL "B-67"

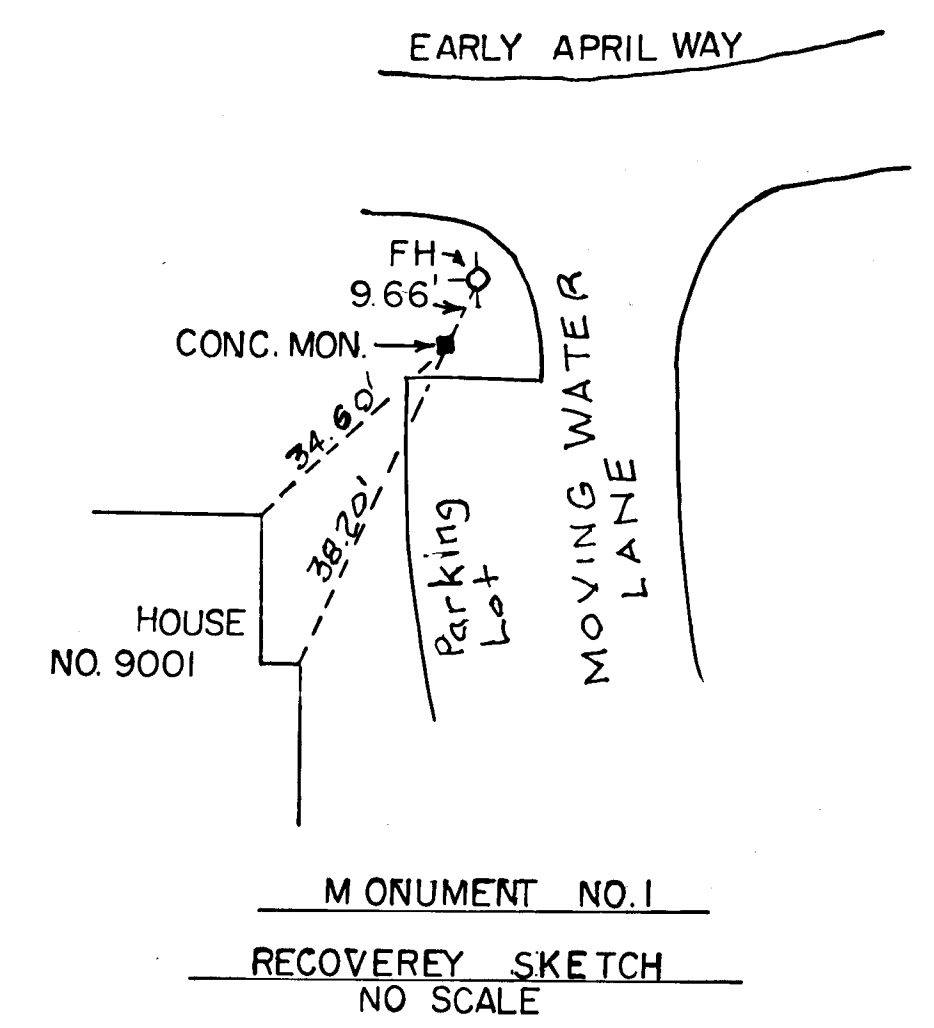


VICINITY MAP
 Scale: 1" = 2,000'

BENCH MARKS

- B.M.#1 - "X" cut in top of flange bolt of fire hydrant at the southwest corner of the intersection of Moving Water Lane with Early April Way - Elev. 290.31.
- B.M.#2 - "X" cut in top of flange bolt of fire hydrant 30' right of Sta. 10+65 Early April Way - Elev. 293.12.
- B.M.#3 - Square cut in top of curb at corner of parking bay 32' left of Sta. 5+13 Moving Water Lane - Elev. 289.94.

PLAN SUBJECT TO V.P. 83-23



SHEET INDEX	
NO.	DESCRIPTION
1.	TITLE SHEET
2.	PLAN AND PROFILE - EARLY APRIL WAY - STA. 6+86 TO STA. 14+58
3.	PLAN AND PROFILE - MOVING WATER LANE
4.	DRAINAGE AREA MAP
5.	STANDARD DETAILS
6.	STORM DRAIN PROFILES
7.	SEDIMENT CONTROL PLAN
8.	SEDIMENT CONTROL DETAILS

GENERAL NOTES:

1. All work shall be done in accordance with Howard County Standards, Specifications and Details for Construction.
2. All utility companies must be notified 24 hours in advance of any construction.
3. Cul-de-sac Street is designed for 25 mph speed.
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 Standards, Specifications and Details for Construction.
6. Any damage to public rights-of-ways or paving will be corrected at the developer's expense.
7. Approximate location of existing utilities are shown. The contractor shall take all necessary precautions to protect existing utilities and to maintain uninterrupted service. Any damage incurred due to contractor's operations shall be repaired immediately at the contractor's expense.
8. The Contractor shall test pit existing utilities where directed by the Engineer a minimum of two weeks in advance of any construction.
9. Contractor to notify the Howard County Dept. of Inspectors and Permits at least 3 days before starting work shown on these drawings. Telephone 202-2436.

"As-Built" Elevations as of July 30, 1984

SIGNED & SEALED BY
 Kenneth A. McCord
 P.E. # 1974

Rev. Date	Rev. No.	Revision Description
7/27/83	1	Revision to Sheets 3 & 6

DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION 10275 LITTLE PATUXENT PARKWAY COLUMBIA, MARYLAND 21044	WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS 2315 ST. PAUL STREET BALTIMORE, MARYLAND 21218 <i>Kenneth A. McCord</i> KENNETH A. MCCORD Registered Engineer No. 1974
---	---

DATE	
BY	
REVISIONS	
NO.	
DATE	
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REVISIONS	
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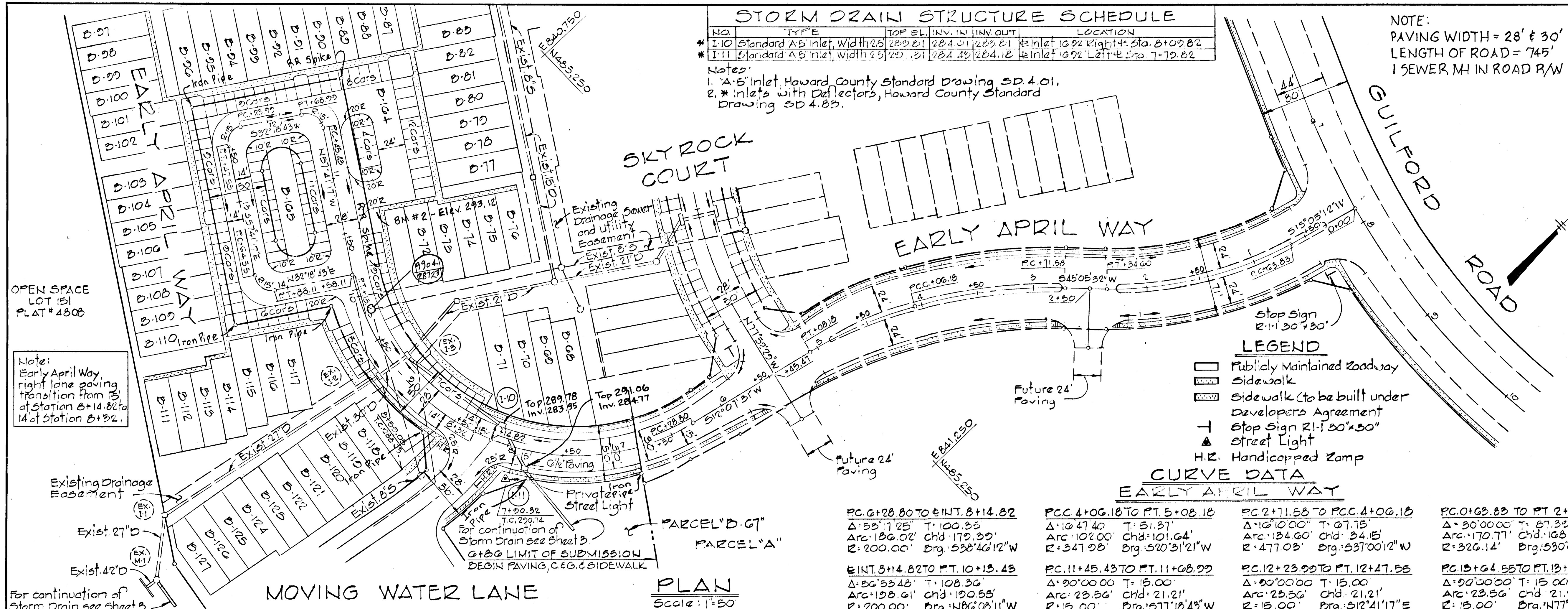
STORM DRAIN STRUCTURE SCHEDULE

NO.	TYPE	TOP EL.	INV. IN	INV. OUT	LOCATION
* I-10	Standard A-5 Inlet, Width 25"	220.21	224.01	229.21	#1 Inlet 16.92 Right of Sta. 8+09.82
* I-11	Standard A-5 Inlet, Width 25"	221.21	224.21	229.21	#1 Inlet 16.92 Left of Sta. 7+72.82

Notes:
 1. A-5 Inlet, Howard County Standard Drawing SD 4.01.
 2. Inlets with Deflectors, Howard County Standard Drawing SD 4.85.

NOTE:
 PAVING WIDTH = 28' ± 30'
 LENGTH OF ROAD = 745'
 1 SEWER MI IN ROAD R/W

DEPARTMENT OF PUBLIC WORKS
 3-28-83
 CHIEF, BUREAU OF ENGINEERING
 OFFICE OF PLANNING & ZONING
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 DATE



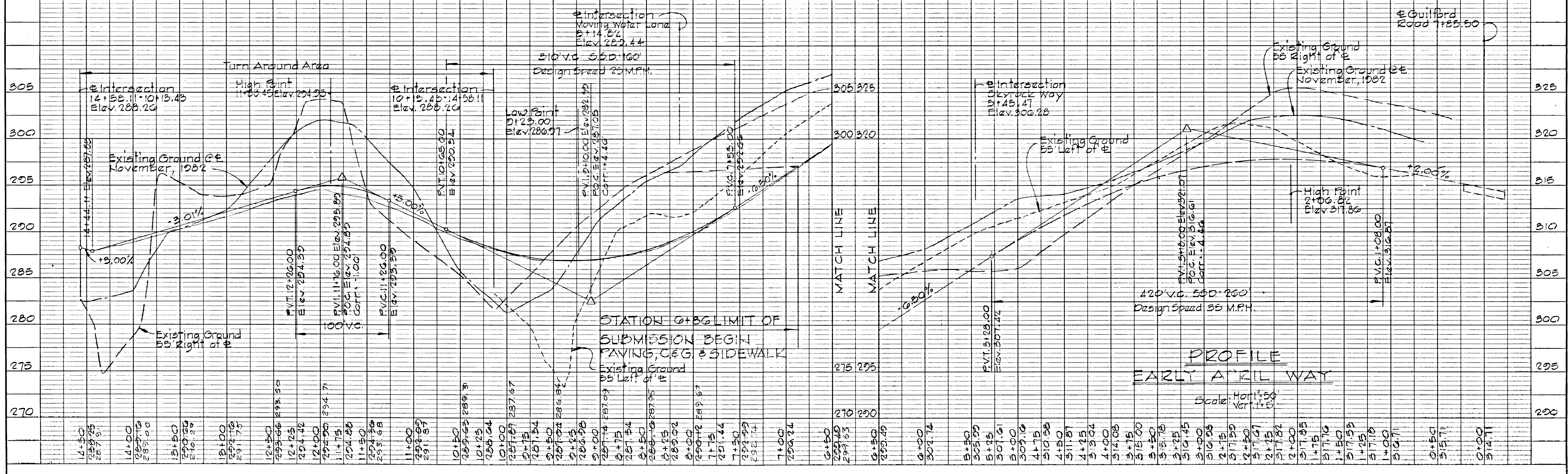
Note:
 Early April Way, right lane paving transition from 15' of station 8+14.82 to 14' of station 8+32.1.

- #### LEGEND
- Publicly Maintained Roadway
 - Sidewalk
 - Sidewalk (to be built under Developers Agreement)
 - Stop Sign 21' x 30' x 30'
 - Street Light
 - H.C. Handicapped Ramp

CURVE DATA

STATION	PC	PT	PI	PT	PC	PT	PI	PT	PC	PT	PI	PT	PC	PT	PI	PT	
8+28.80	8+28.80	8+41.82	8+35.31	8+47.40	10+06.18	10+06.18	10+15.43	10+11.58	11+23.99	11+23.99	11+38.99	11+38.99	12+23.99	12+23.99	12+47.55	12+47.55	
Δ: 53°17'25"	T: 100.35'	Δ: 10°47'40"	T: 51.31'	Δ: 10°10'00"	T: 67.75'	Δ: 30°00'00"	T: 87.33'	Δ: 90°00'00"	T: 15.00'	Δ: 90°00'00"	T: 15.00'	Δ: 90°00'00"	T: 15.00'	Δ: 90°00'00"	T: 15.00'	Δ: 90°00'00"	T: 15.00'
Arc: 186.02'	Chd: 179.33'	Arc: 102.00'	Chd: 101.64'	Arc: 134.60'	Chd: 134.15'	Arc: 170.77'	Chd: 168.82'	Arc: 23.56'	Chd: 21.21'	Arc: 23.56'	Chd: 21.21'	Arc: 23.56'	Chd: 21.21'	Arc: 23.56'	Chd: 21.21'	Arc: 23.56'	Chd: 21.21'
R: 200.00'	Org: 538°46'12"W	R: 347.98'	Org: 520°31'21"W	R: 477.03'	Org: 537°00'12"W	R: 326.14'	Org: 530°05'11"W	R: 15.00'	Org: 517°18'43"W	R: 15.00'	Org: 517°18'43"W	R: 15.00'	Org: 517°18'43"W	R: 15.00'	Org: 517°18'43"W	R: 15.00'	Org: 517°18'43"W

PLAN
 Scale: 1" = 50'



PROFILE
 EARLY APRIL WAY
 Scale: Horiz. 1" = 50'
 Vert. 1" = 5'

Rev. Date	Rev. No.	Revision Description

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

PROJECT AREA
 VILLAGE OF KINGS CONTRIVANCE
 SECTION 3 AREA 2 LOTS 2-68 THRU 2-166
 A RESUBDIVISION OF PARCEL 'B-67'

PROJECT TITLE
 PLAN AND PROFILE
 EARLY APRIL WAY
 STA. 8+00 TO STA. 14+50.11

SCALE: AS SHOWN DATE

WHITMAN, REQUART & ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND 21218

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

As-Built Elevations as of July 30, 1984
 Signed & Sealed by
 Kenneth A. McCord
 P.E. # 1974

EARLY APRIL WAY

Note:
Inlet I-12 to have throat
opening on all 4 sides
Throat opening Elev. 290.50.

CURVE DATA
MOVING WATER LANE

PT. 0+00 TO PT. 1+02.32 Δ: 10°28'34" T: 51.00' Arc: 102.32' Chd: 101.82' R: 301.00' Drg: 150°52'50"E	PT. 1+05.37 TO PT. 1+88.93 Δ: 90°00'00" T: 15.00' Arc: 23.56' Chd: 21.21' R: 15.00' Drg: 53°08'55"E	PT. 3+86.25 TO PT. 4+02.80 Δ: 63°12'42" T: 9.23' Arc: 16.55' Chd: 15.72' R: 15.00' Drg: 167°15'04"E
PT. 4+32.86 TO PT. 4+56.44 Δ: 90°04'00" T: 15.01' Arc: 23.58' Chd: 21.22' R: 15.00' Drg: 109°22'46"W	PT. 4+88.66 TO PT. 5+07.53 Δ: 26°44'21" T: 9.51' Arc: 18.67' Chd: 18.50' R: 40.00' Drg: 167°46'25"W	

DEPARTMENT OF PUBLIC WORKS
 CHIEF BUREAU OF ENGINEERING
 OFFICE OF PLANNING & ZONING
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

*As-Built Elevations as of July 30, 1984

SIGNED & SEALED BY
 Kenneth A. McCord
 P.E. #1974

STORM DRAIN STRUCTURE SCHEDULE

NO.	TYPE	TOP EL.	IN IN	IN VOUT	LOCATION
I-12	Standard Type 'D' Inlet	291.23	286.48	286.23	See Plan and Profile
I-13	" " " " " "	281.06		277.20	Inlet 15.32' Right of Way Sta. 2+22.02
M-4	" Shallow Manhole	269.50	264.90	264.70	See Plan and Profile
M-5	" " " " " "	267.40	271.12	270.92	" " " "

Notes:
 1. Type 'D' Inlet, Howard County Standard Drawing SD 4.11.
 2. 12" Inlet, Howard County Standard Drawing SD 4.02.
 3. Shallow Manhole, Howard County Standard Drawing S 5.05.
 4. Standard Manhole, Howard County Standard Drawing S 5.01.

Rev. Date	Rev. No.	Revision Description
7/27/83	1	Revised M-4 & 5 changed inverts

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

PROJECT AREA
 VILLAGE OF KINGS CONTRIVANCE
 SECTION 3 AREA 2 LOTS D-08 THRU D-166
 A RESUBDIVISION OF PARCEL 'B-G'

PROJECT TITLE
 PLAN AND PROFILE
 MOVING WATER LANE

SCALE: AS SHOWN DATE

WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND 21218

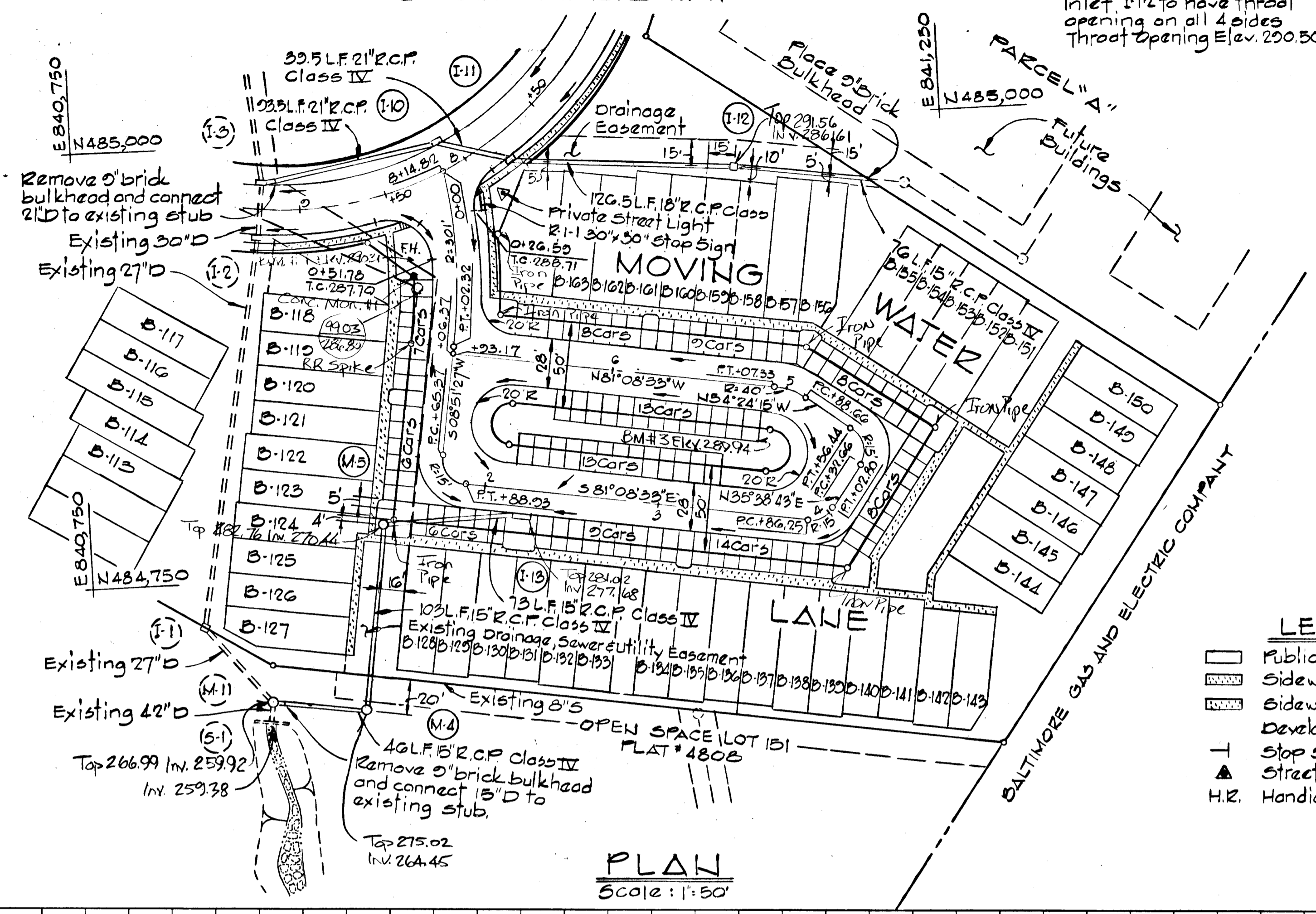
Kenneth A. McCord
 KENNETH A. MCCORD
 Registered Engineer
 No. 1974

PLAN

DATE	
BY	
SAFETY	
DESIGNED	
NOTED	
NO.	

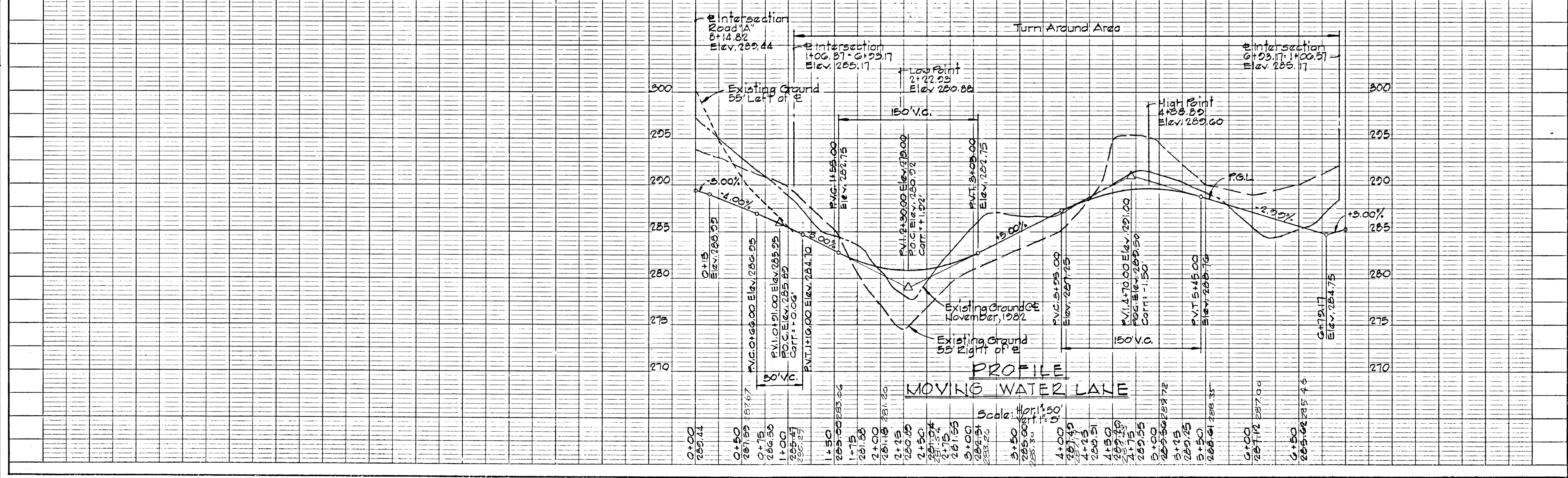
PROFILE

DATE	
BY	
SAFETY	
DESIGNED	
NOTED	
NO.	



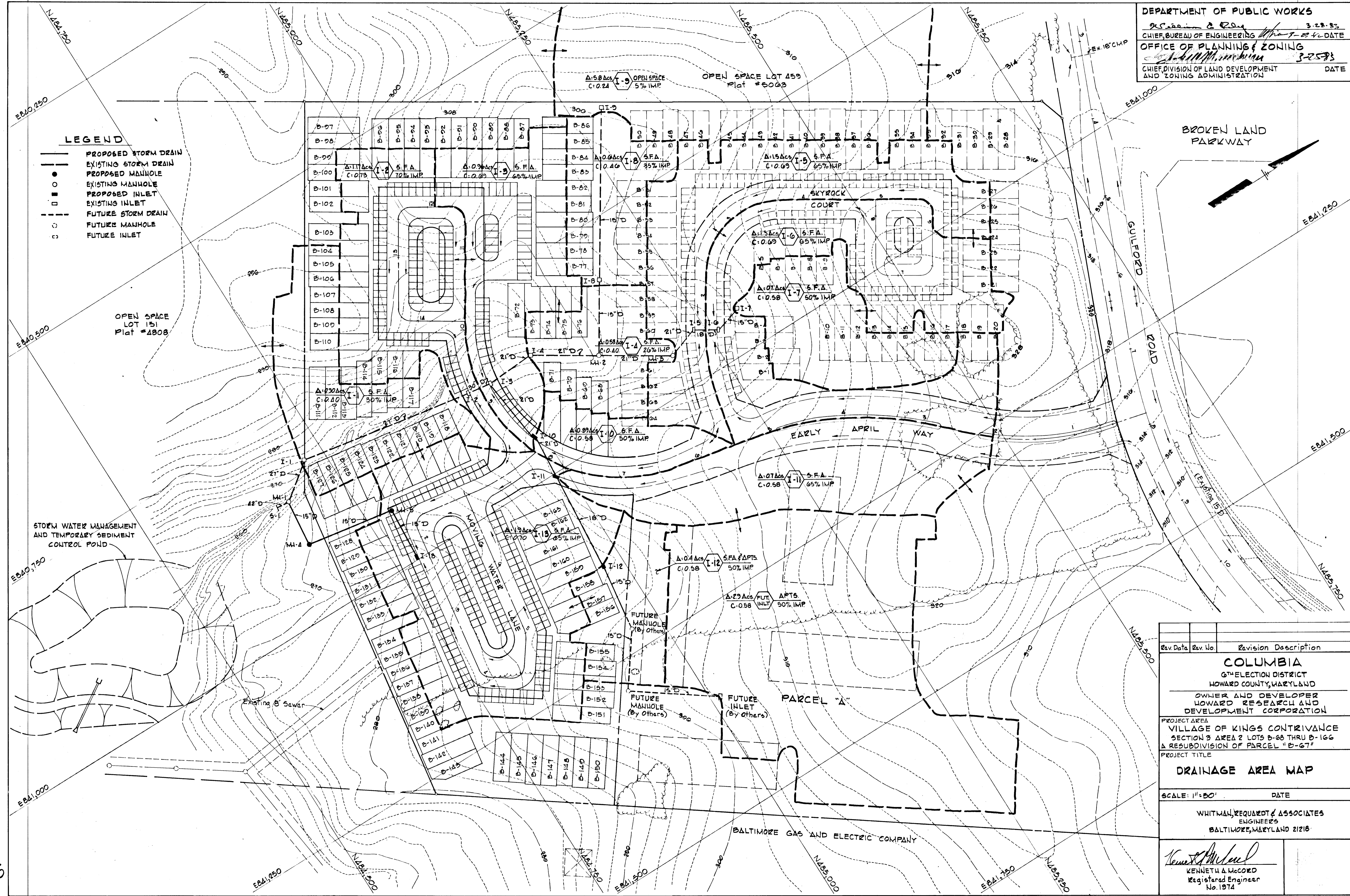
- LEGEND
- Publicly Maintained Roadway
 - Sidewalk
 - Sidewalk (to be built under Developers Agreement)
 - Stop Sign 21" x 30"
 - Street Light
 - H.R. Handicapped Ramp

NOTE:
 PAVING WIDTH = 28'
 LENGTH OF ROAD = 640'
 SEWER MH IN ROAD R/W



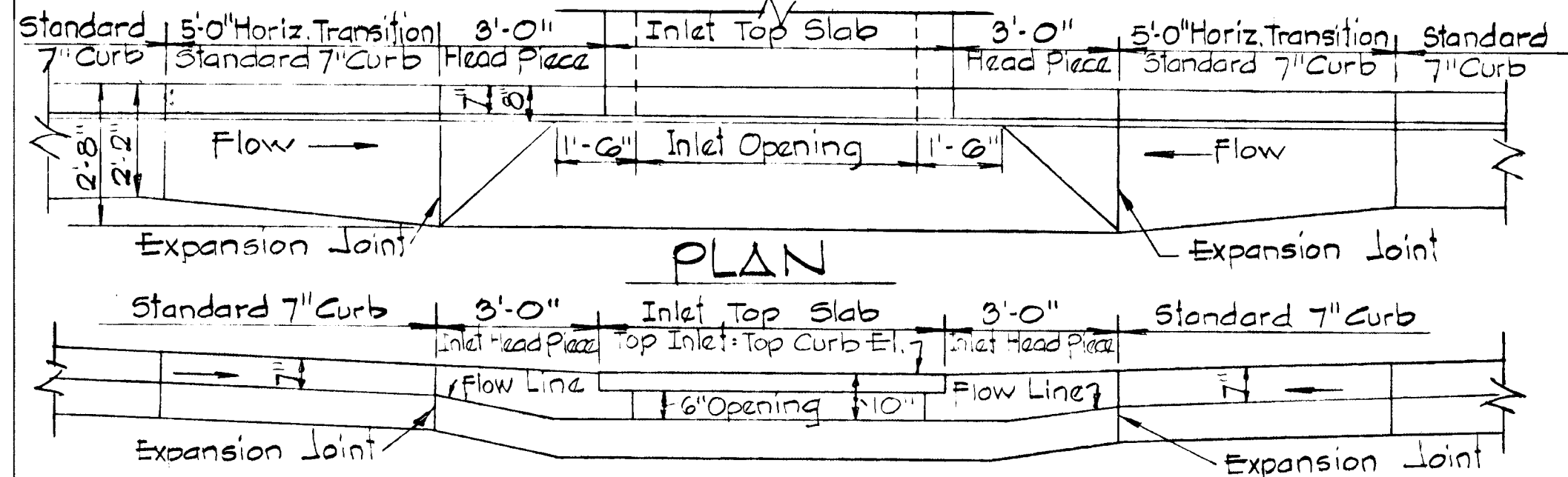
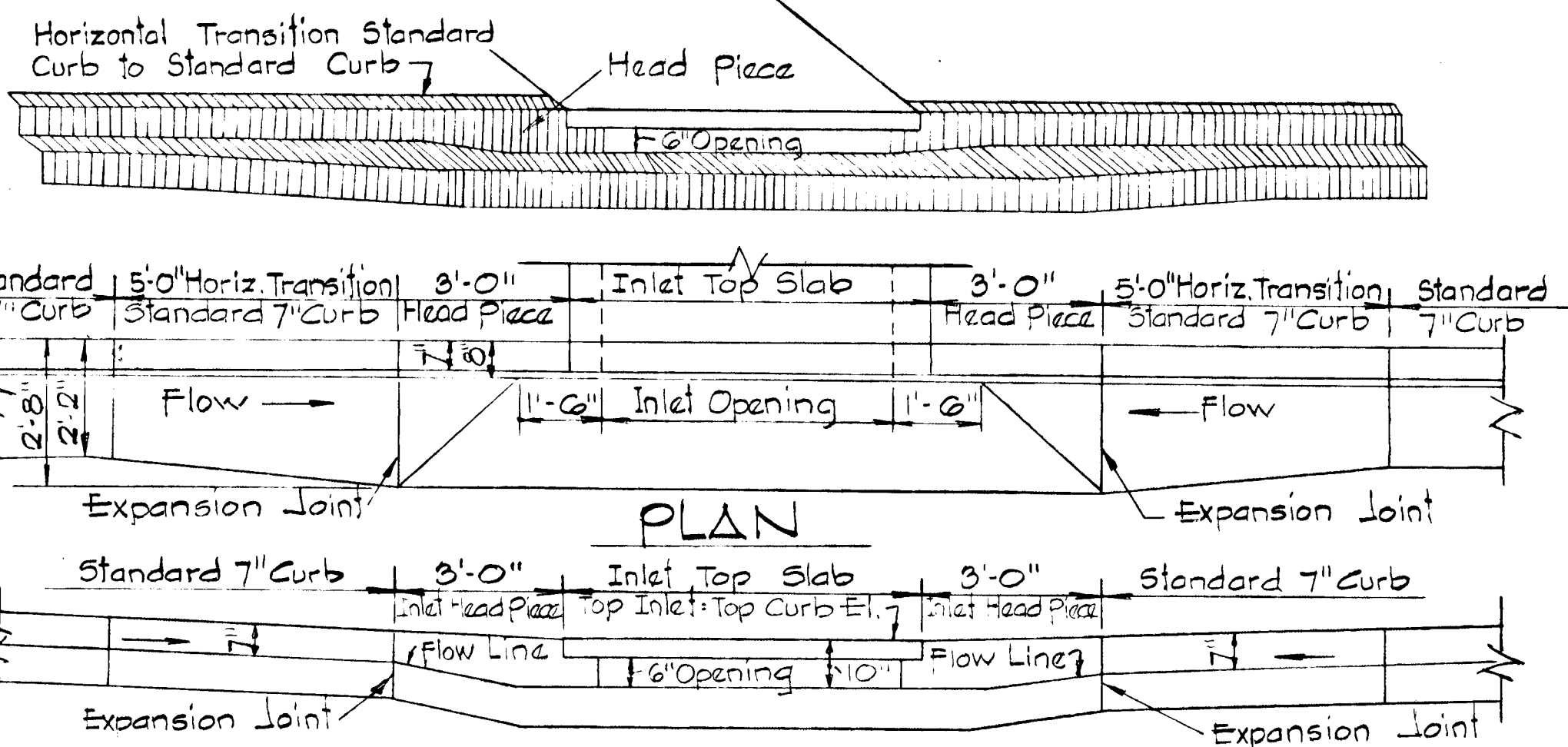
*445

- LEGEND**
- PROPOSED STORM DRAIN
 - - - EXISTING STORM DRAIN
 - PROPOSED MANHOLE
 - EXISTING MANHOLE
 - PROPOSED INLET
 - EXISTING INLET
 - - - FUTURE STORM DRAIN
 - FUTURE MANHOLE
 - FUTURE INLET

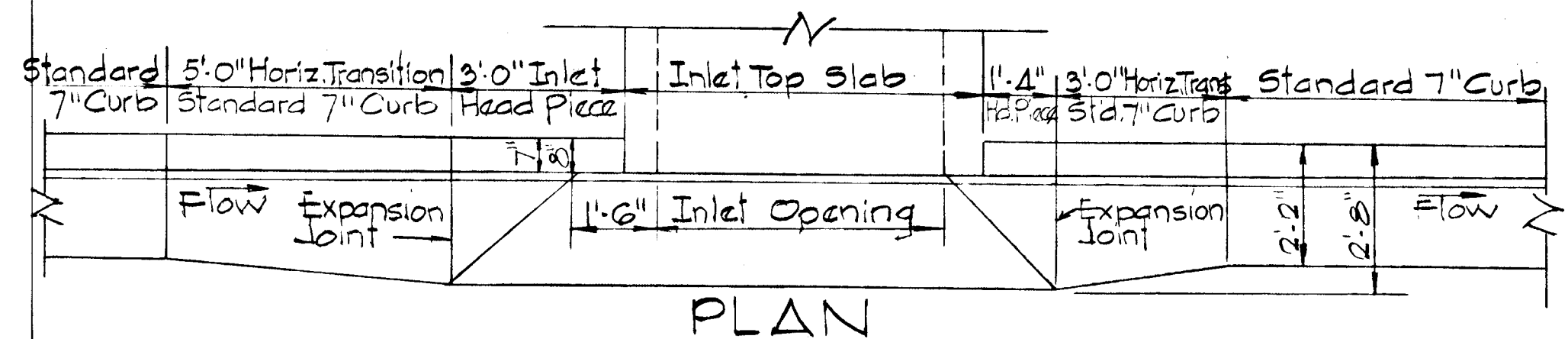


Rev. Date	Rev. No.	Revision Description
COLUMBIA		
6 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
OWNER AND DEVELOPER HOWARD RESEARCH AND DEVELOPMENT CORPORATION		
PROJECT AREA		
VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 LOTS B-66 THRU B-166 A RESUBDIVISION OF PARCEL "B-67"		
PROJECT TITLE		
DRAINAGE AREA MAP		
SCALE: 1"=50'		DATE
WHITMAN, REARDOT & ASSOCIATES ENGINEERS BALTIMORE, MARYLAND 21218		
 KENNETH A. MCCORD Registered Engineer No. 1974		

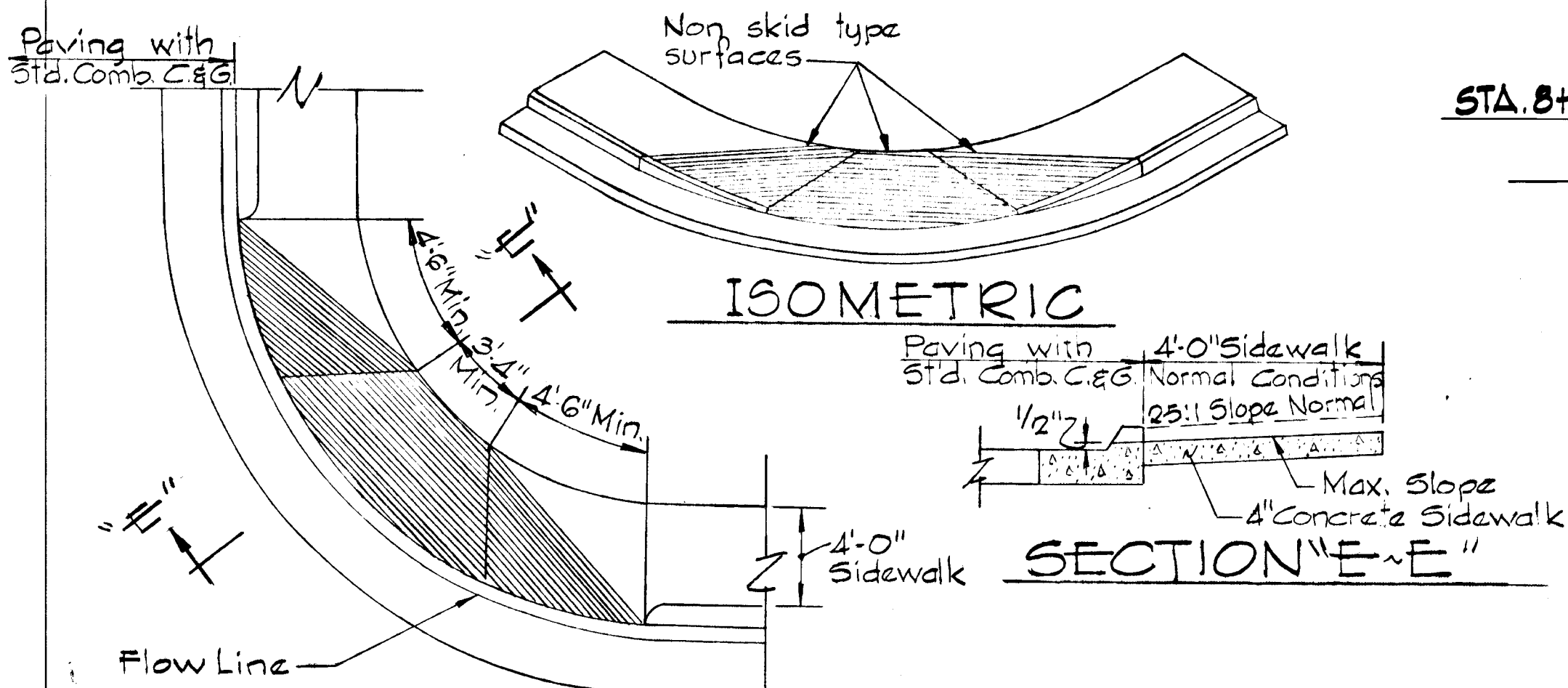
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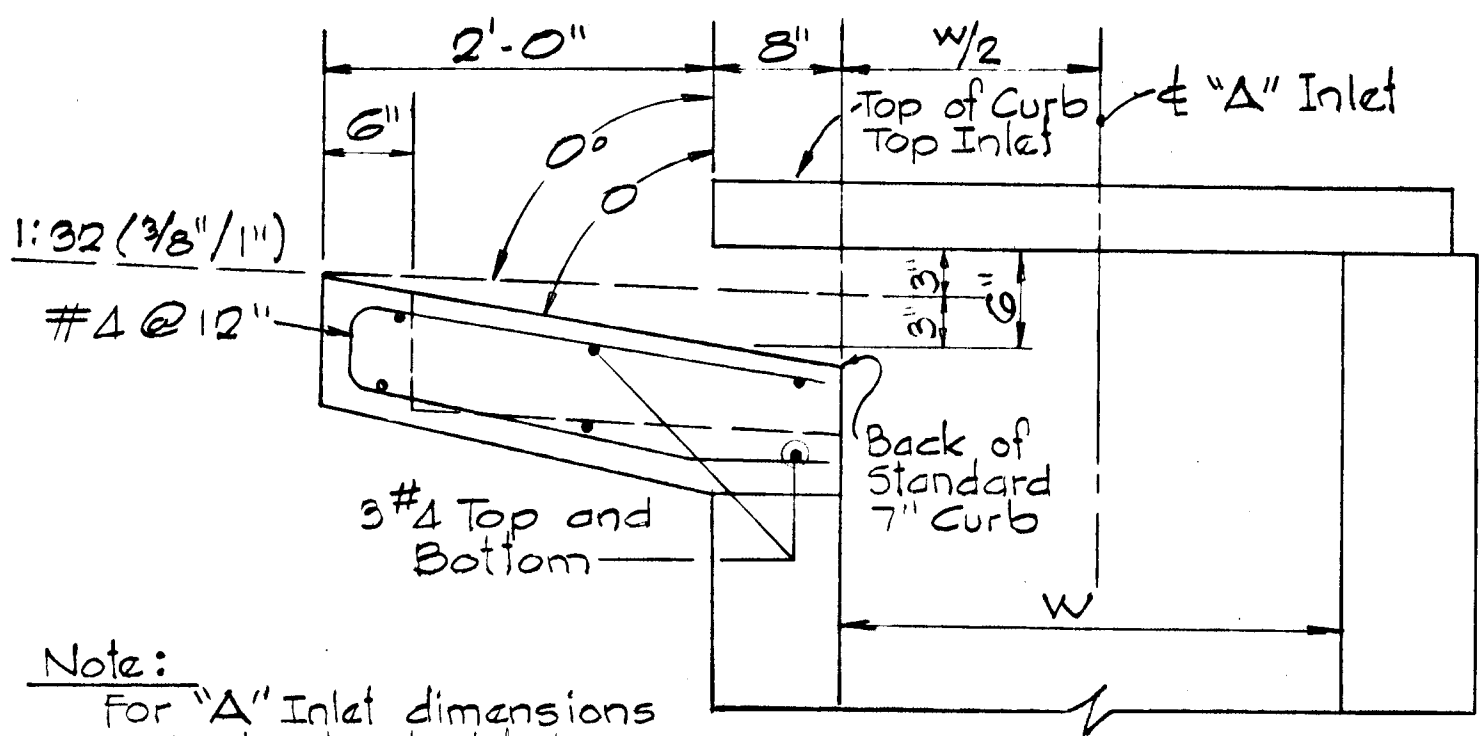
SECTION ALONG FLOW LINE
SUMPED "A" INLETS ~ STANDARD CURB



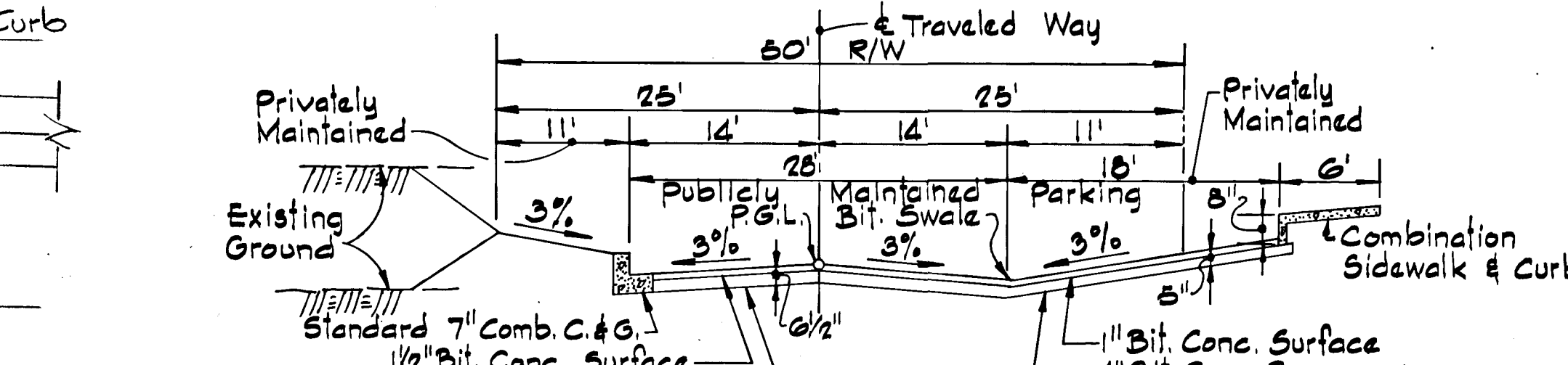
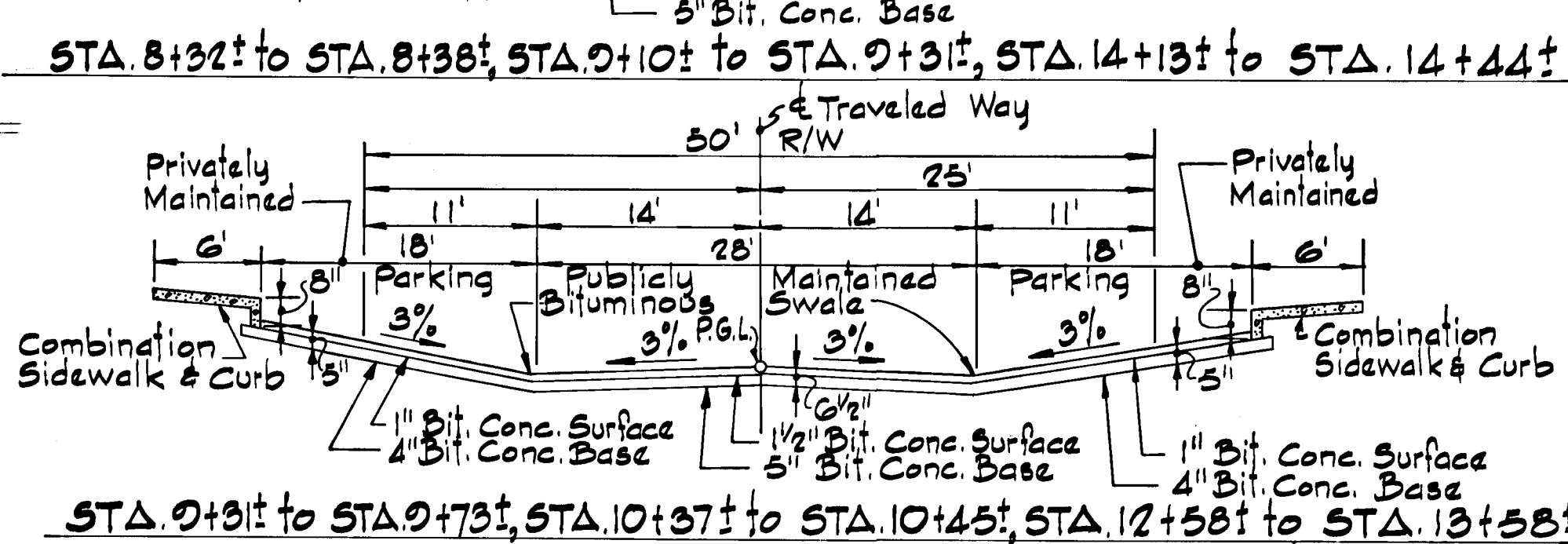
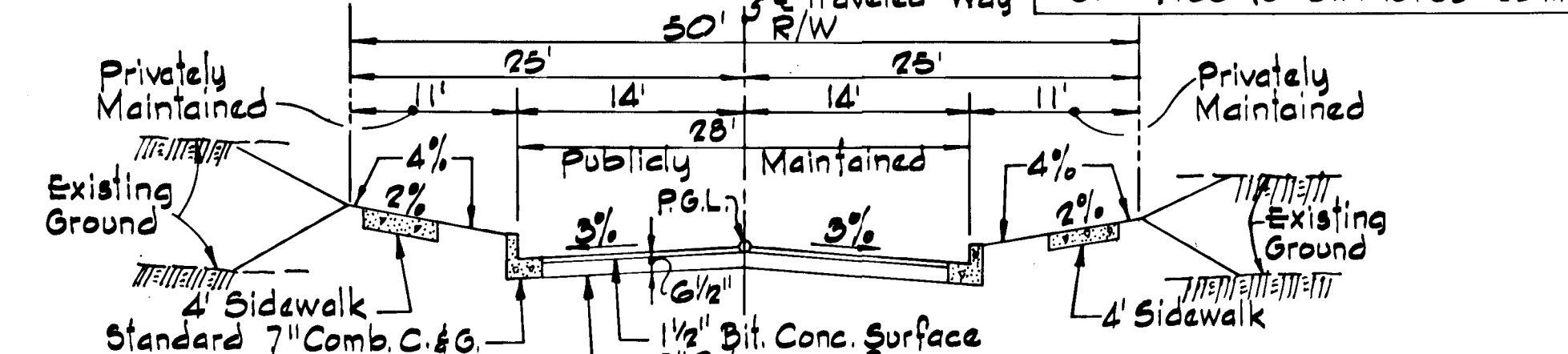
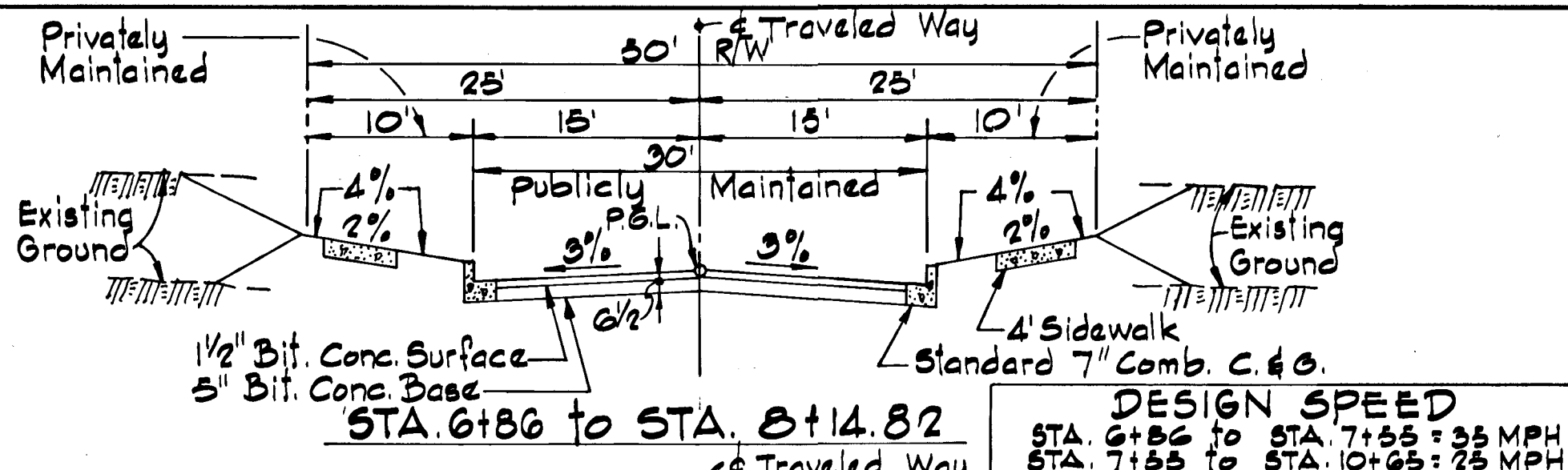
SECTION ALONG FLOW LINE
"A" INLETS ~ STANDARD CURB



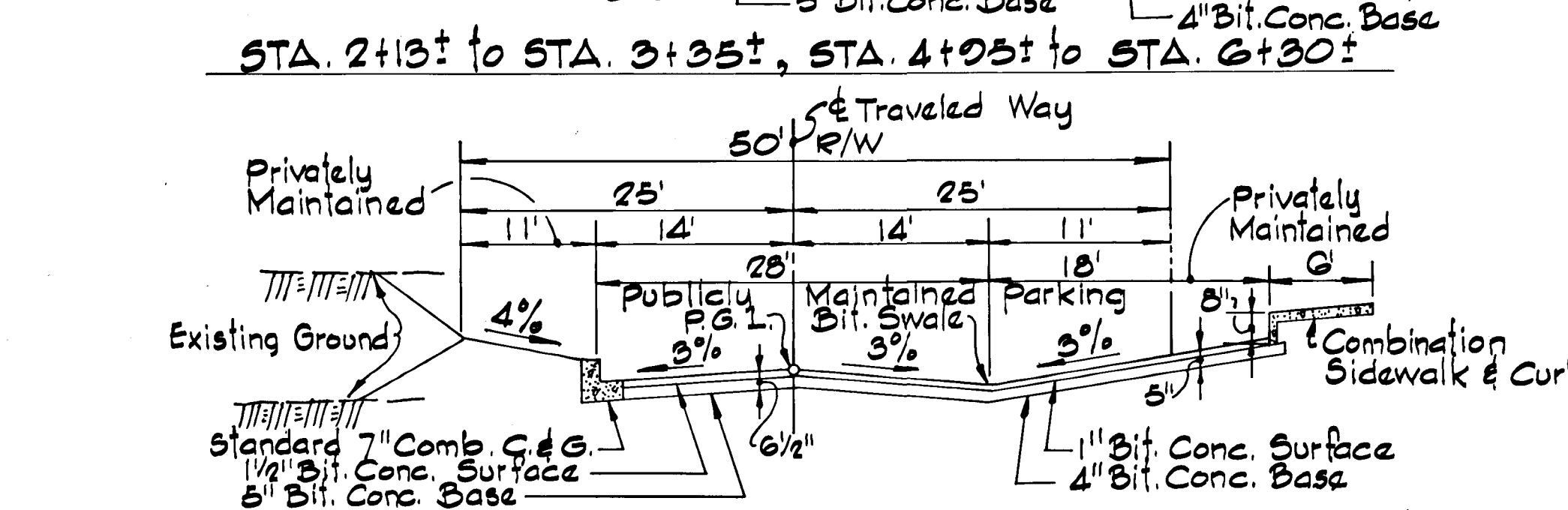
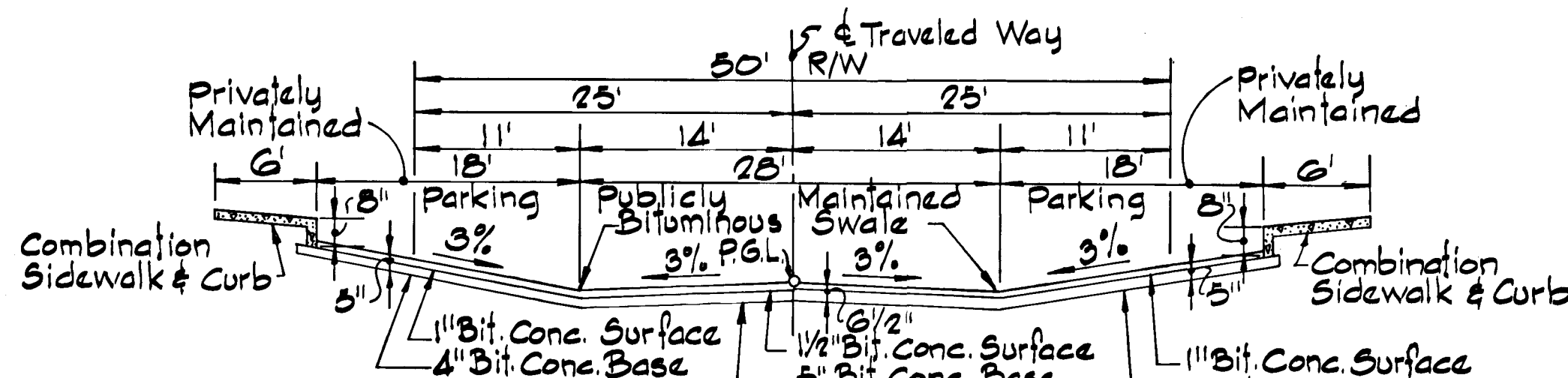
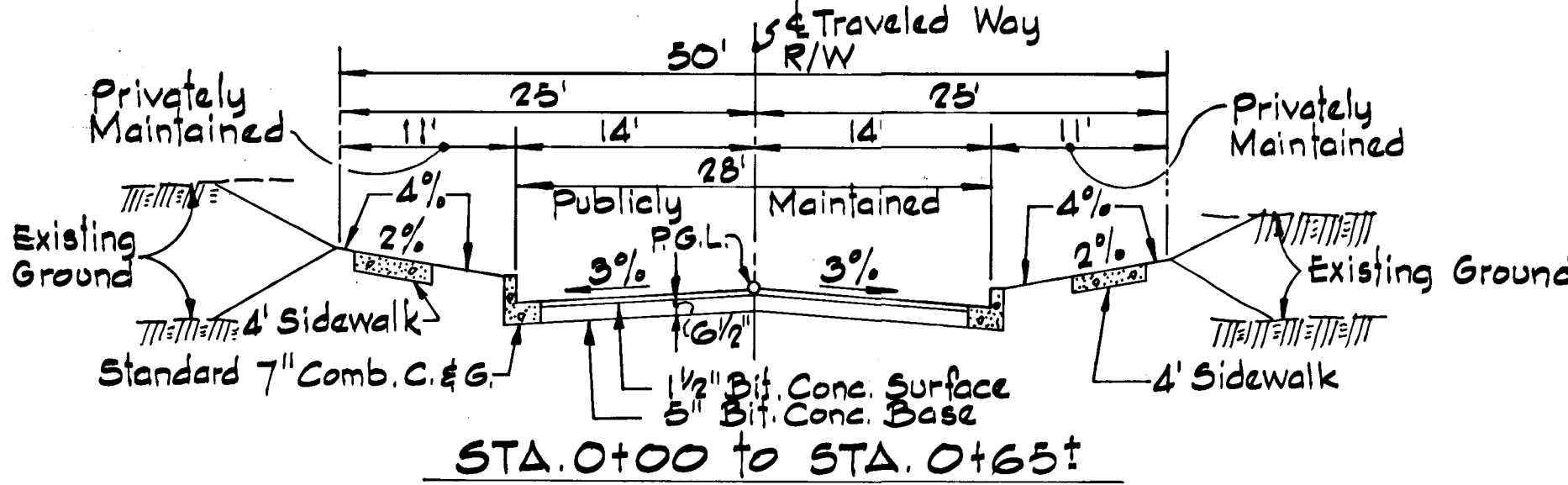
PLAN
DETAIL ~ SIDEWALK RAMP
No Scale



SECTION "A" INLET STANDARD CURB
No Scale



TYPICAL SECTIONS ~ EARLY APRIL WAY



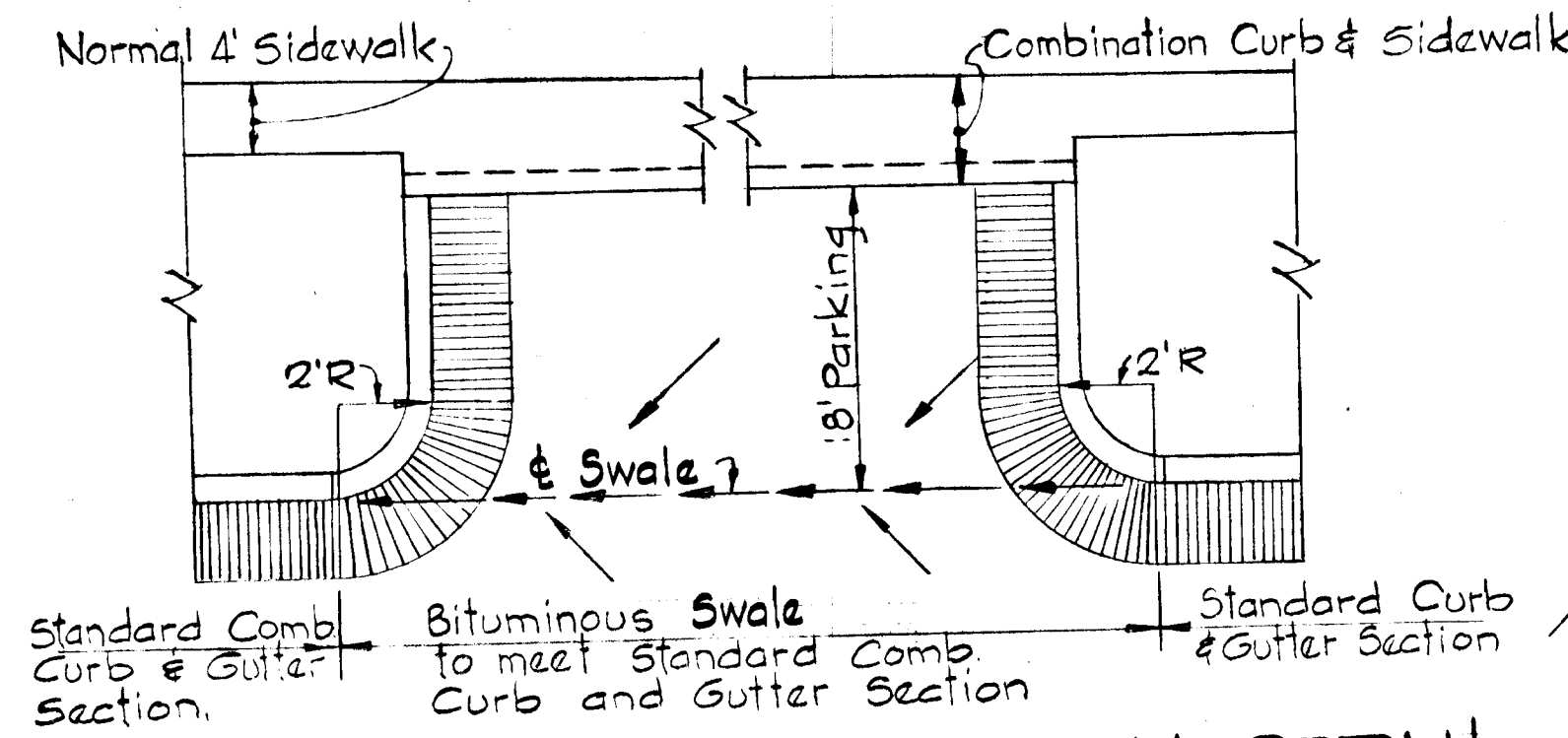
TYPICAL SECTIONS ~ MOVING WATER LANE
No Scale

ROADWAY CONSTRUCTION NOTES

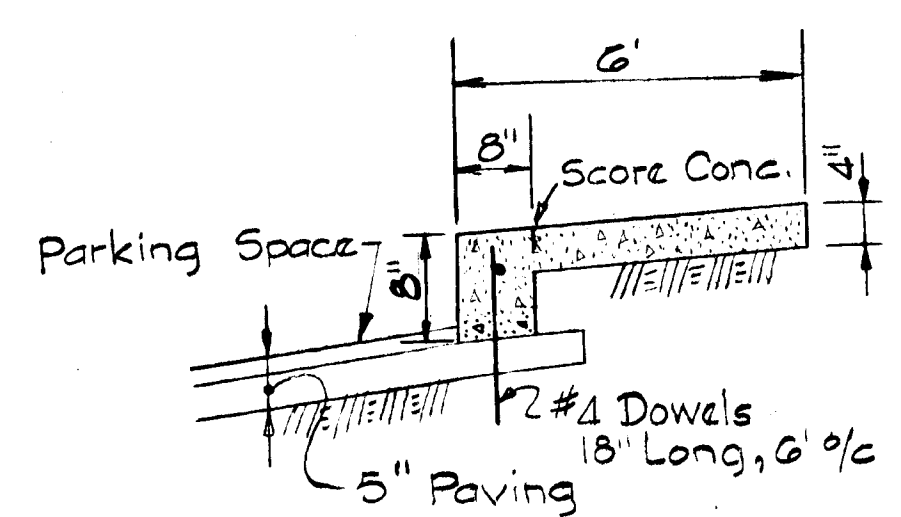
- All materials and construction methods shall be in accordance with the Howard County Standard Specifications and Details for Construction.
- Standard 7" Comb Curb and Gutter shall be in accordance with County Standard Detail R-3.01.
- Paving (5") shall be in accordance with County Detail R-2.01 (Paving Section P-1).
- Paving (6 1/2") shall be in accordance with County Standard Detail R-2.01 (Paving Section P-2).
- Sidewalks shall be in accordance with County Standard Detail R-3.05.
- Base will be primed in accordance with Article 33.04 of the Howard County Standard Specifications.
- Tack coat is required in accordance with the Howard County Standard Specifications.

DEPARTMENT OF PUBLIC WORKS
3-28-83
CHIEF BUREAU OF ENGINEERING
OFFICE OF PLANNING & ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE

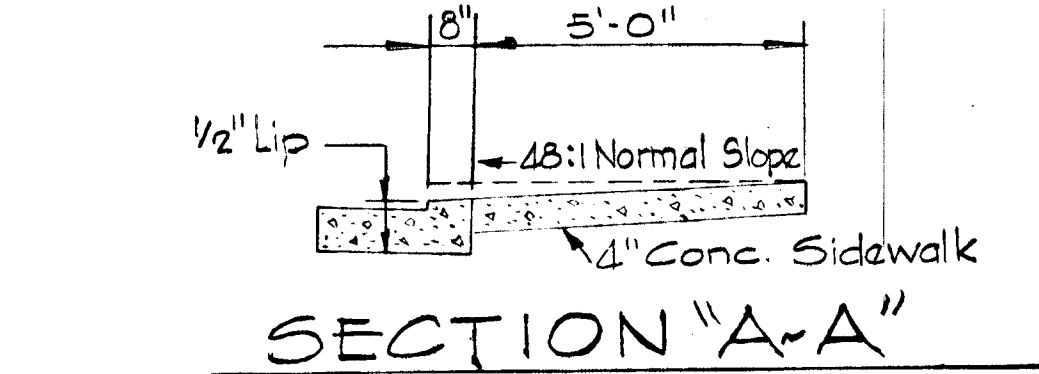
* Granular Base Alternates may be substituted at the option of the Developer.



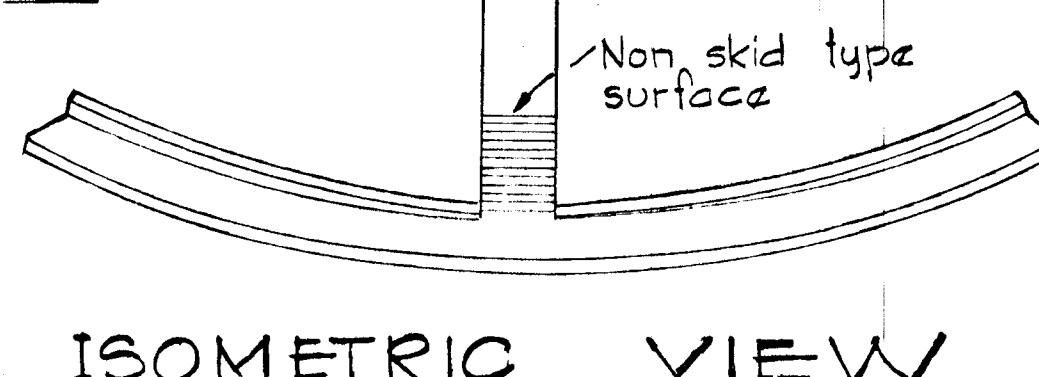
CURB GUTTER TRANSITION DETAIL
No Scale



DETAIL ~ COMBINATION CONC. CURB & SIDEWALK
No Scale



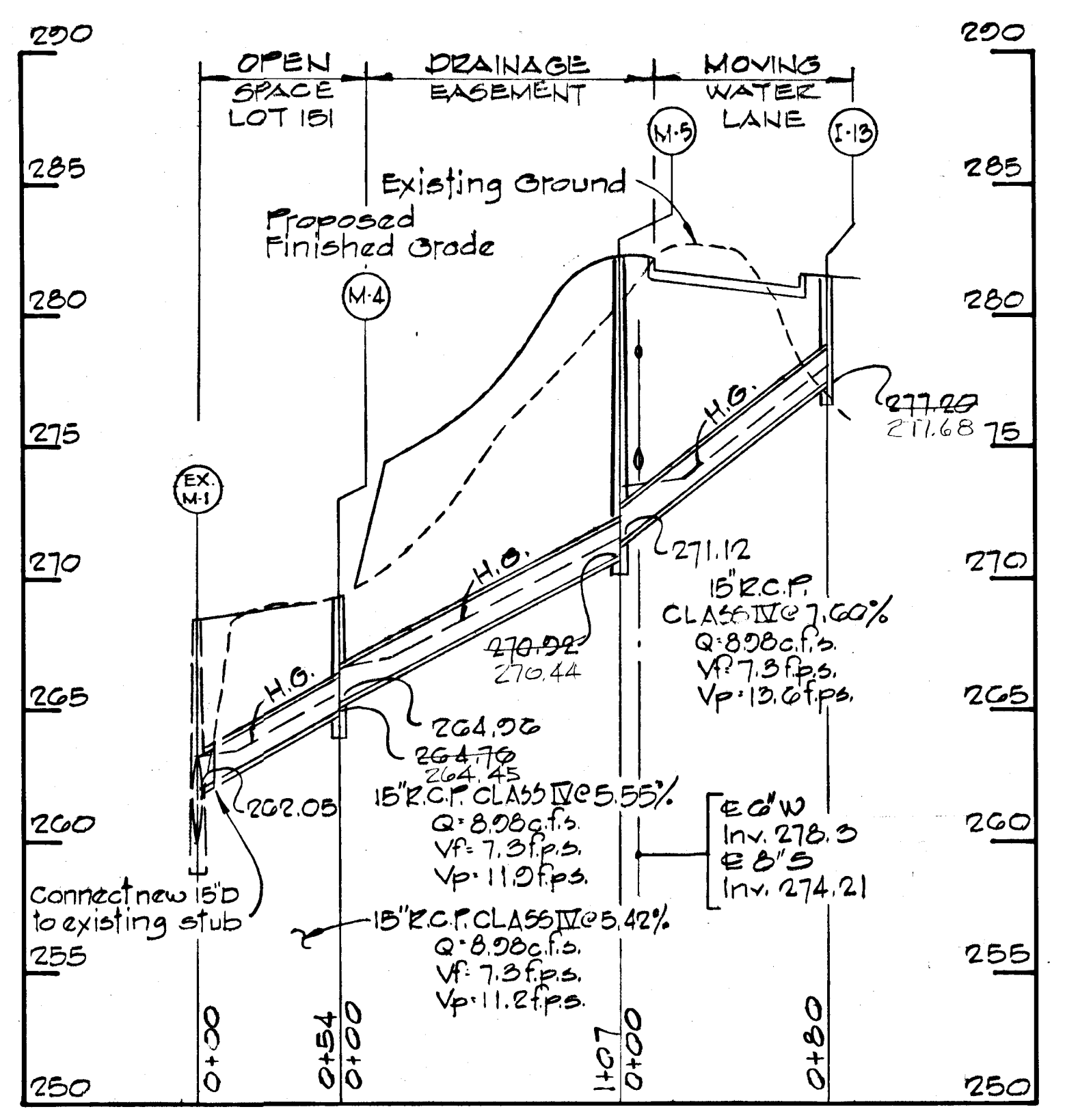
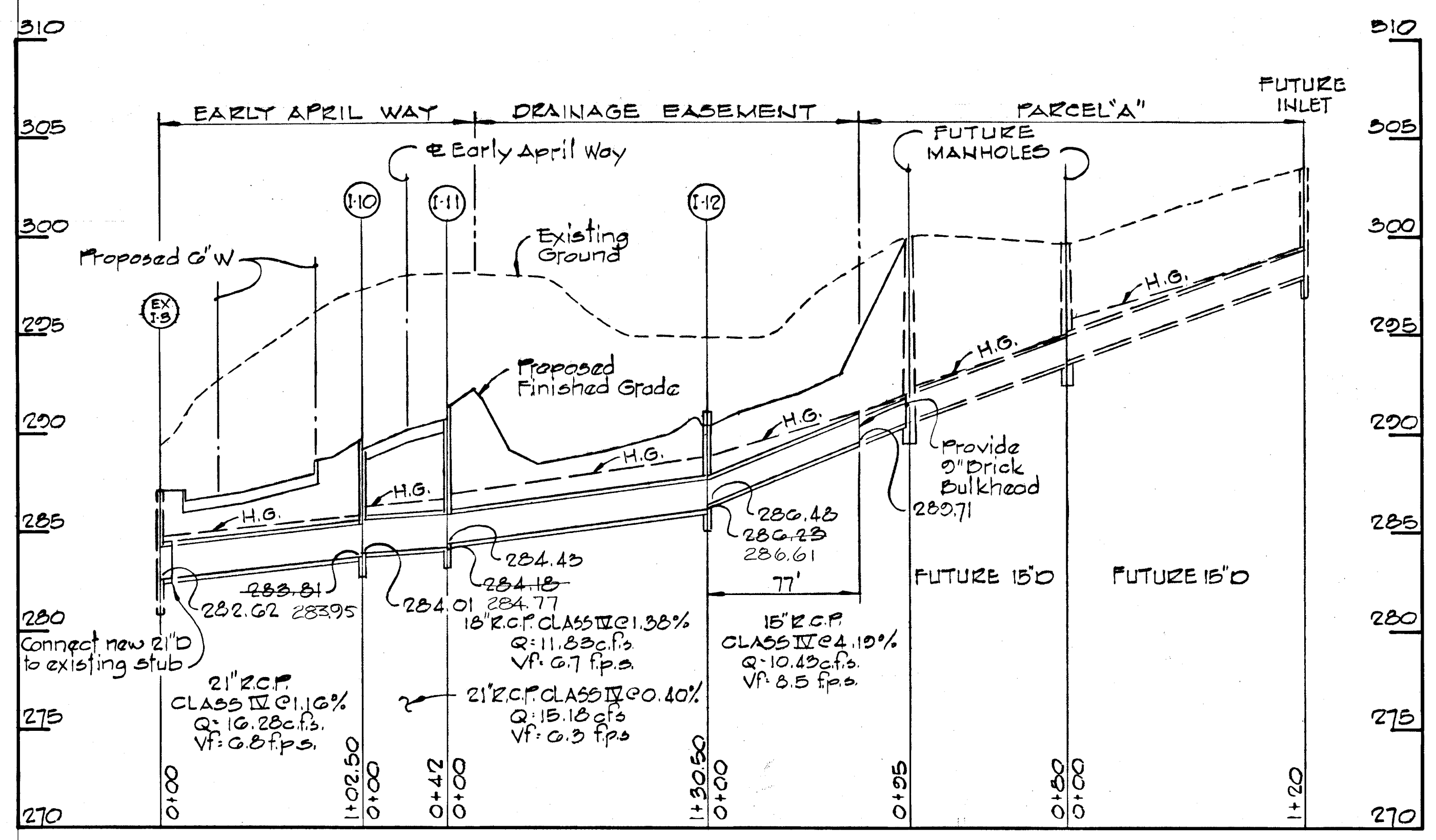
SECTION "A-A"



ISOMETRIC VIEW
SIDEWALK RAMP
No Scale

Rev. Date	Rev. No.	Revision Description
COLUMBIA		
6 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
OWNER AND DEVELOPER HOWARD RESEARCH AND DEVELOPMENT CORPORATION		
PROJECT AREA		
VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 LOTS B-68 THRU B-166 A RESUBDIVISION OF PARCEL "B-67"		
PROJECT TITLE		
STANDARD DETAILS		
SCALE: AS SHOWN		DATE:
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS BALTIMORE, MARYLAND 21218		
<i>Kenneth A. McCord</i> KENNETH A. MCCORD Registered Engineer No. 1974		

"As-Built" Elevations as of July 30, 1984
 SIGNED & SEALED BY
 Kenneth A. McCord
 P.E. # 1974 (MD)



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

Rev. Date	Rev. No.	Revision Description
7/27/83	1	Revised Profile M-4 to I-15

COLUMBIA
 0 THE ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER
 HOWARD RESEARCH AND
 DEVELOPMENT CORPORATION

PROJECT AREA
 VILLAGE OF KINGS CONTRIVANCE
 SECTION 3 AREA 2 LOTS 0-08 THRU 0-106
 A RESUBDIVISION OF PARCEL "0-07"

PROJECT TITLE
STORM DRAIN PROFILES

SCALE: AS SHOWN DATE

WHITMAN, REQUARTZ & ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND 21218

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

*445

RESPONSIBLE PERSONNEL CERTIFICATION

"I hereby certify that any 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."
Walter E. Woodford 2/2/83
 WALTER E. WOODFORD DATE

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 2/2/83
 KENNETH A. MCCORD PE 1974 DATE

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."
Walter E. Woodford 2/2/83
 WALTER E. WOODFORD DATE

DEPARTMENT OF PUBLIC WORKS
 3-28-83
 CHIEF, BUREAU OF ENGINEERING
 OFFICE OF PLANNING & ZONING
 3-25-83
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

EXISTING 5' STONE OUTLET STRUCTURE AND DIVERSION DIKES TO BE RETAINED (Approved for Woods Clearing)

DRAINAGE AREA 0.7 ACRES

EXISTING DIVERSION DIKE TO BE RETAINED

OPEN SPACE LOT 459 Plat #5003

OPEN SPACE LOT 151 Plat #4808

DRAINAGE AREA 24.6 ACRES

Stabilized Construction Entrance, see detail sheet B of B.

See Road Construction Drawings FB9-00 Sheets 9, 10 & 11 for Storm Water Management and Temporary Sediment Pond.

SEDIMENT VOLUME REQUIRED: 1.02 AC.FT.
 SEDIMENT VOLUME AVAILABLE: 1.02 AC.FT.

DIVERSION DIKE TO BE RETAINED (Approved for Woods Clearing)

EXISTING SILT FENCE TO BE RETAINED (Approved for Woods Clearing)

SITE ANALYSIS

AREA OF IMPERVIOUS	4.0 ACRES
AREA TO BE VEGETATED	3.0 ACRES
AREA UNDISTURBED	0.1 ACRES

LEGEND

	DIVERSION DIKE
	SILT FENCE
	DRAINAGE AREA LINE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
John M. Vela 3-25-83
 DATE
 U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED *John M. Vela* 3-25-83
 HOWARD S.C.D. DATE

Rev. Date	Rev. No.	Revision Description
COLUMBIA 6 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND OWNER AND DEVELOPER HOWARD RESEARCH AND DEVELOPMENT CORPORATION		
PROJECT AREA VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 LOTS B-66 THRU B-100 A RESUBDIVISION OF PARCEL B-67		
PROJECT TITLE SEDIMENT CONTROL PLAN		
SCALE: 1" = 50'		DATE
WHITMAN, REARDY & ASSOCIATES ENGINEERS BALTIMORE, MARYLAND 21218		
<i>Kenneth A. McCord</i> KENNETH A. MCCORD Registered Engineer No. 1974		

*445

SEDIMENT CONTROL NOTES

1. See "Sequence of Construction" this sheet.
2. The Sediment Control measures shall be constructed as shown on these drawings.
3. All diversion dikes shall be seeded as specified in notes 4 and 5. All other surfaces to be permanently seeded. See Specifications this sheet.
4. The diversion dikes shall be hydroseeded as follows:
 - a. Ground Limestone (50#/1000#)
 - b. Fertilizer 10-10-10 (25#/1000#)
 - c. Seed Italian Rye Grass (40#/Acre)
5. Mulch with straw at the rate of 50#/1000# or one ton/acre. Anchor with asphalt at the rate of 480 gallons/acre.

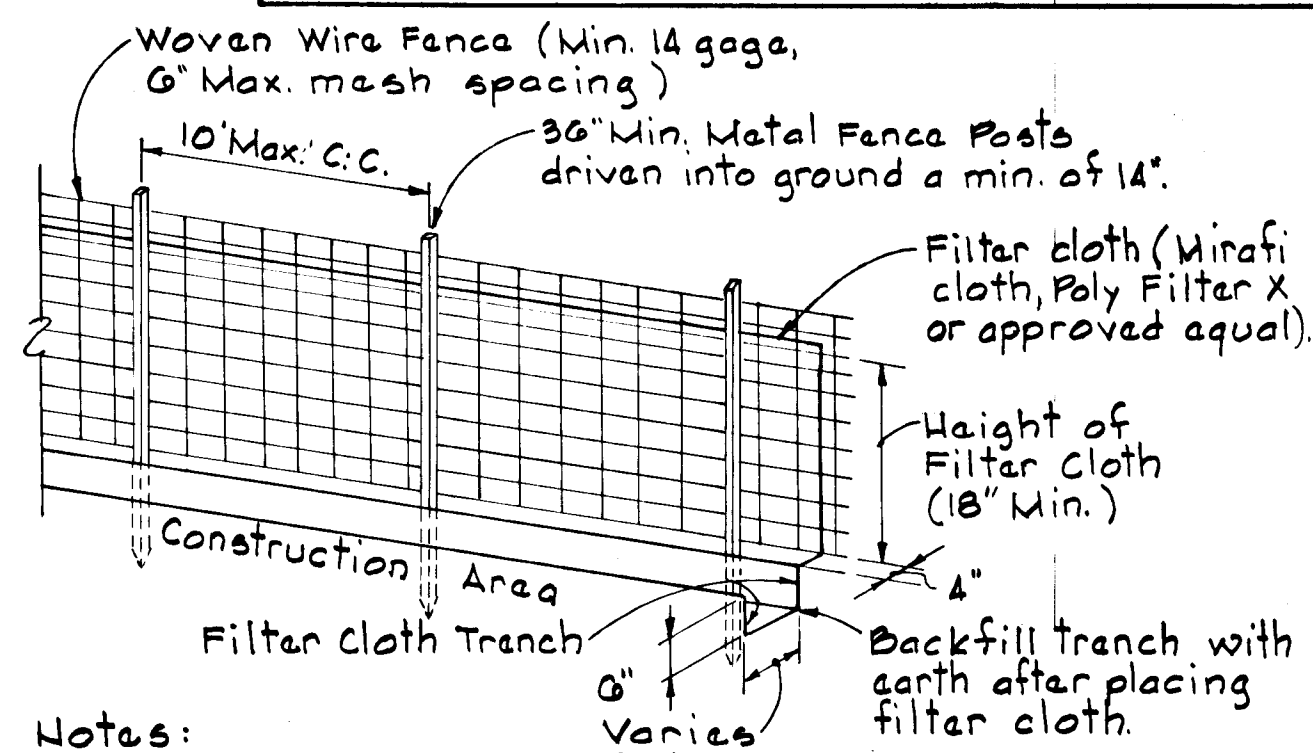
PERMANENT SEEDING

Lime - 2 tons/acre agricultural ground limestone.
 Fertilizer - 1000#/acre (10-10-10)
 Seeding - 100#/acre of the following:
 20% Kentucky Blue Grass, 20% Merion Blue Grass,
 5% Redtop
 Mulch Required - Mulch area with straw at 75#/1000# or 1.5 tons/acre. Anchor with asphalt at the rate of 480 gallons/acre. Stabilization of slopes steeper than 3:1 shall be planted with crownvetch at 15#/acre or 0.34#/1000# and Kentucky 31 Tall Fescue at 40#/acre or #/1000#.

SEQUENCE OF CONSTRUCTION

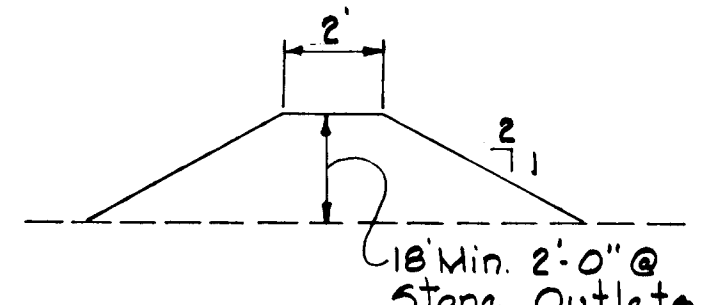
1. Grading Permit obtained under F83-09 still in effect.
2. Install Stabilized Construction Entrance at Station G+86 Early April Way.
3. Remove any sediment from existing sediment control facilities and repair if necessary. Do not remove sediment from existing pond.
4. Construct remainder of storm drain system.
5. Construct utilities, housing, curb and gutter and streets for Lots B-06 thru B-10a.
6. Fine grade and construct sidewalks.
7. Stabilize all disturbed areas with Permanent Seeding, see specifications this sheet.
8. Flush entire storm drain system.
9. Remove all sediment control facilities after grass is established in the contributing drainage area with Permanent Seeding, see specifications this sheet.

DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF ENGINEERING
 OFFICE OF PLANNING & ZONING
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

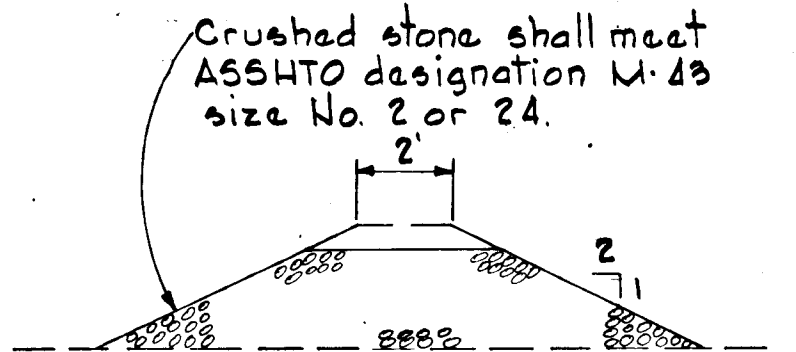


- Notes:
 1. Woven wire fence to be fastened securely to fence posts by use of wire ties.
 2. Filter cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

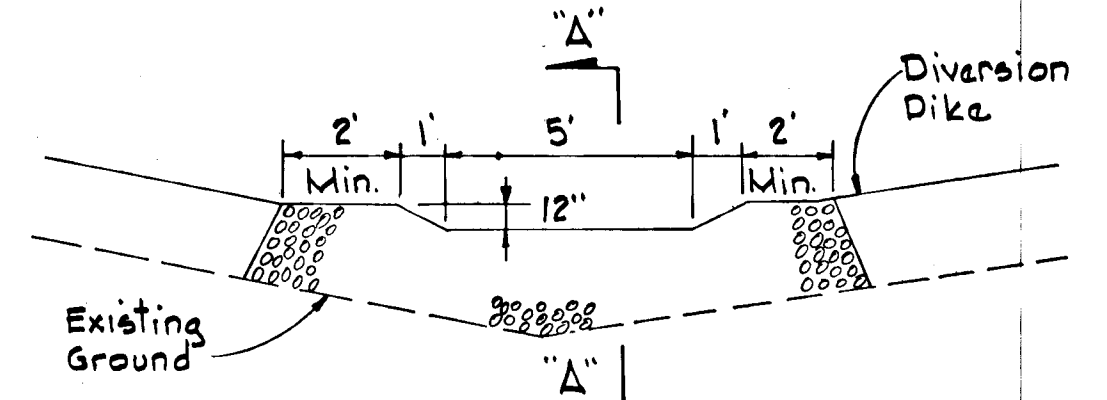
SILT FENCE DETAIL
 No Scale



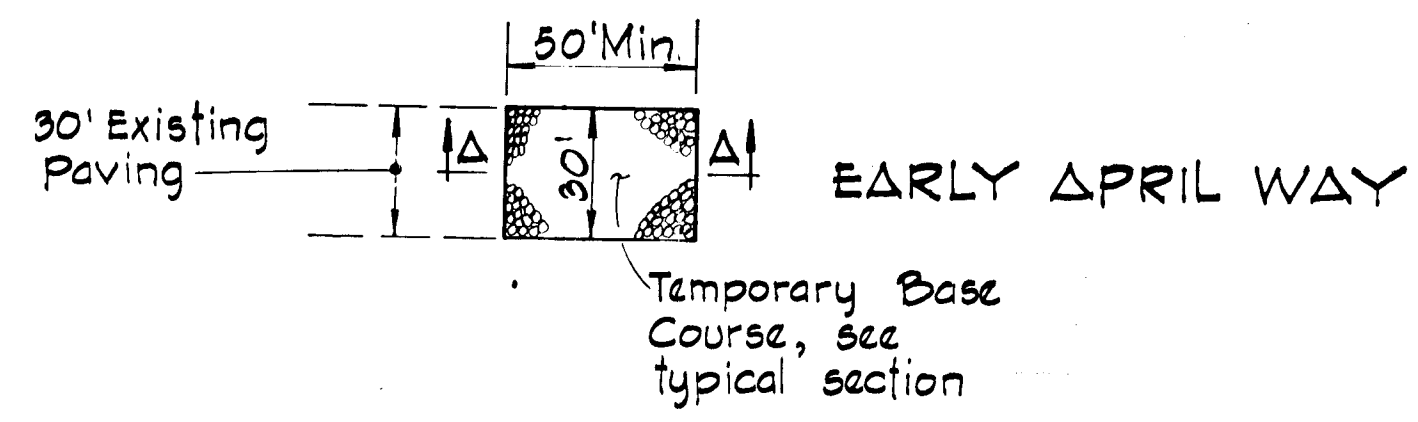
DIVERSION DIKE
 No Scale



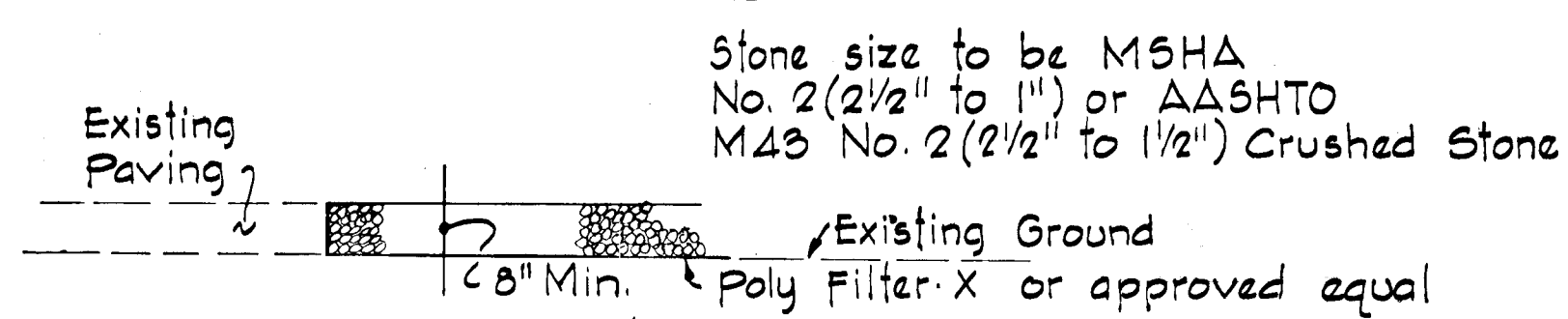
SECTION "A-A"



DETAIL - STONE OUTLET STRUCTURE
 No Scale



PLAN



SECTION "A-A"

STABILIZED CONSTRUCTION ENTRANCE DETAIL

Rev. Date	Rev. No.	Revision Description
COLUMBIA 6 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND OWNER AND DEVELOPER HOWARD RESEARCH AND DEVELOPMENT CORPORATION		
PROJECT AREA VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 LOTS B-06 THRU B-10G A RESUBDIVISION OF PARCELS B-07		
PROJECT TITLE SEDIMENT CONTROL NOTES AND DETAILS		
SCALE: AS SHOWN		DATE
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS BALTIMORE, MARYLAND 21218		
 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 sediment and erosion control and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

 WALTER WOODFORD
 2/2/83
 Date

CERTIFICATION BY THE ENGINEER
 "I certify that this plan for sediment and erosion control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the Howard Soil Conservation District."

 KENNETH A. MCCORD
 2/2/83
 Date

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.
 Approved:
 Howard S.C.D. Date

Reviewed for Howard S.C.D. and meets technical requirements

 JAMES M. HELM
 3-25-83
 Date
 U.S. SOIL CONSERVATION SERVICE

RESPONSIBLE PERSONNEL CERTIFICATION
 "I hereby certify that any 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."

 WALTER WOODFORD
 2/2/83
 Date