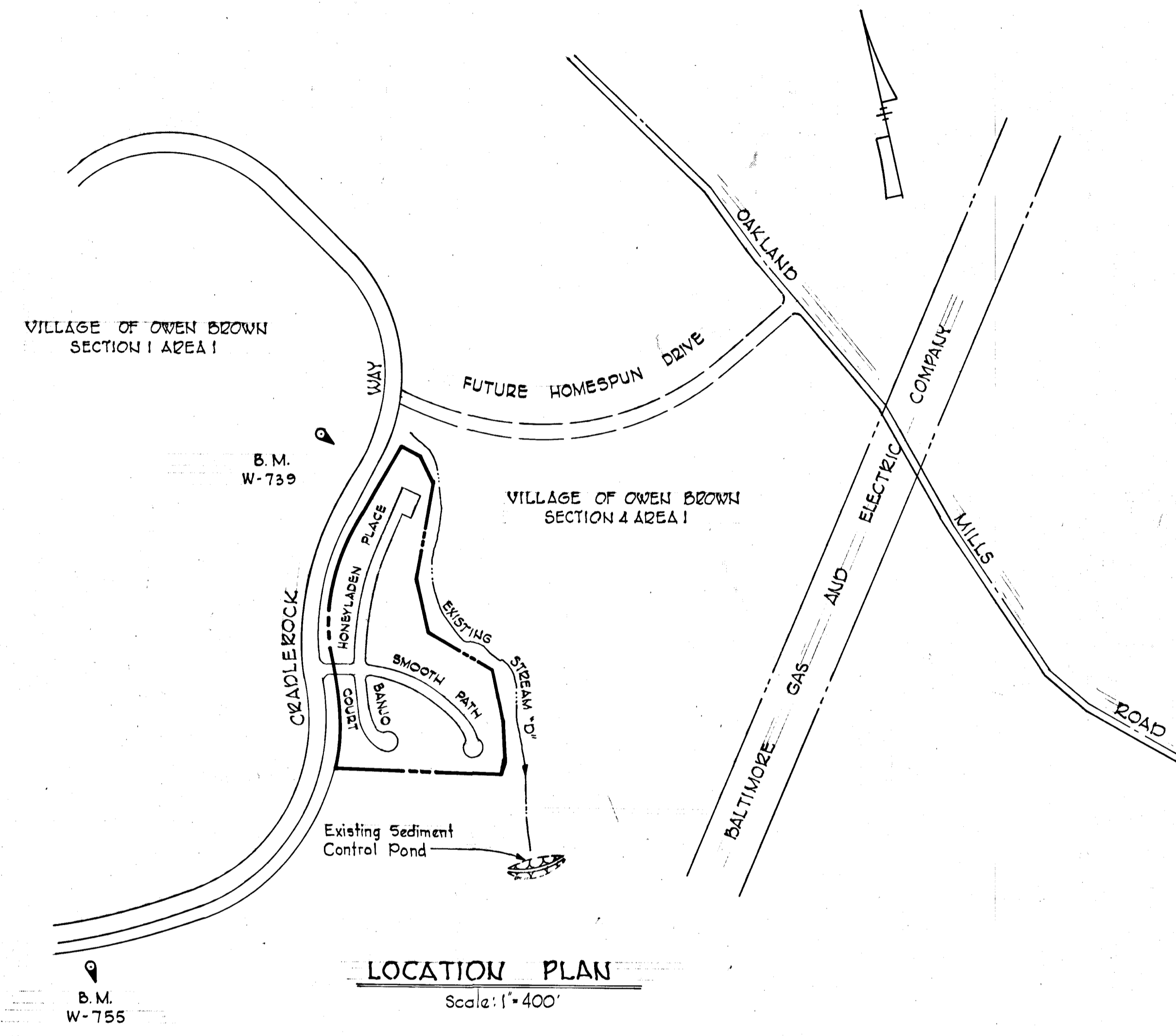
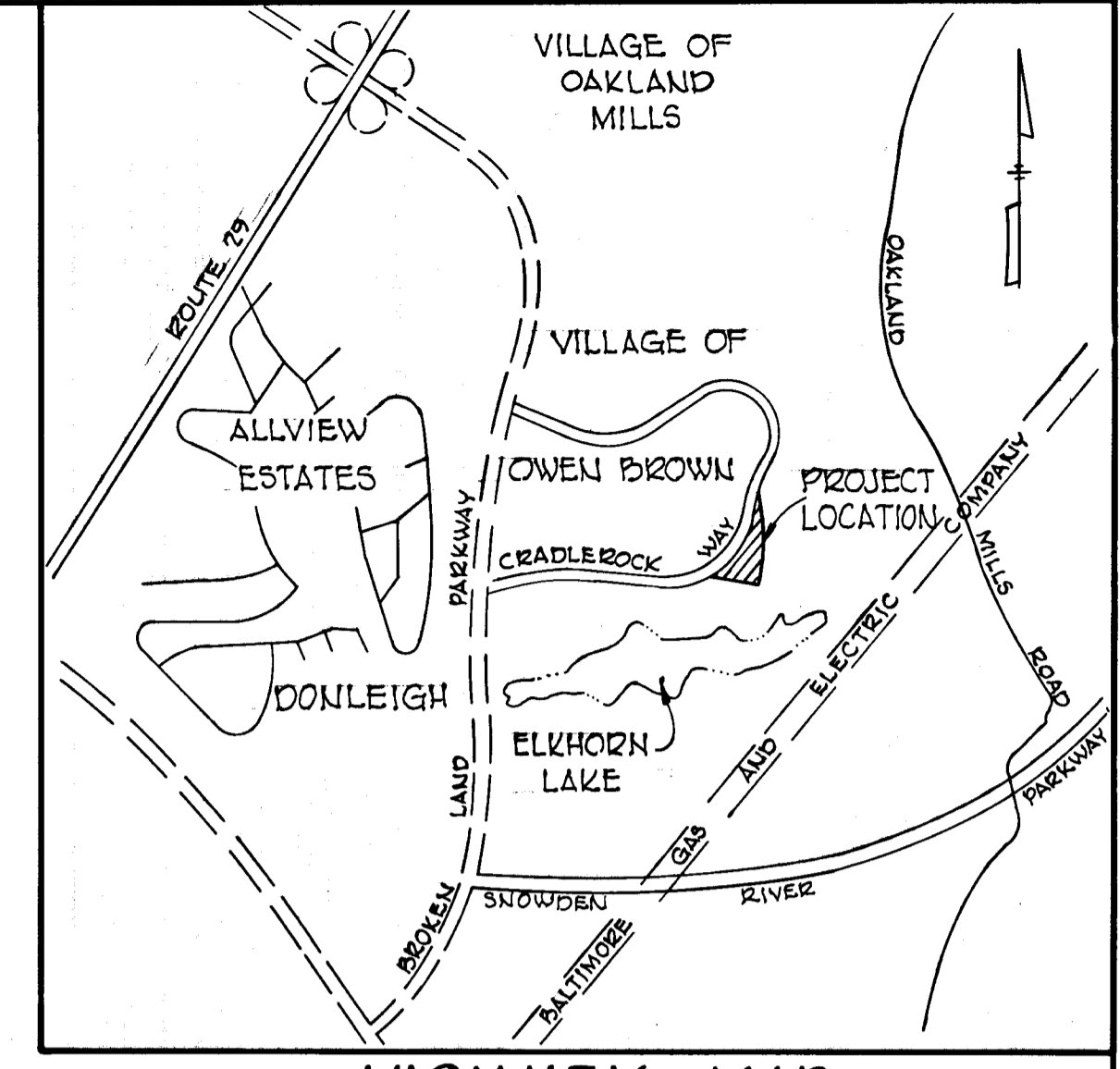


SHEET INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN AND PROFILE - SMOOTH PATH
3	PLAN AND PROFILE - HONEYLADEN PLACE AND BANJO COURT
4	ROADWAY DETAILS
5	DRAINAGE AREA MAP
6	STORM DRAIN PROFILES - CRADLEROCK WAY, HONEYLADEN PLACE, SMOOTH PATH AND BANJO COURT
7	STORM DRAIN DETAILS
8	STREAM REALIGNMENT
9	SEDIMENT CONTROL DETAILS

ESTIMATE OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITIES
1.	Bit. Conc. Surface Course 1 1/2" Th.	SY.	6835
2.	Bit. Conc. Base Course 5" Th.	SY.	6835
4.	Sfd. 7" Comb. Curb & Gutter	LF.	585
6.	Modified Comb. Curb & Gutter	LF.	3890
7.	Barrier Curb	LF.	285
8.	Placing Topsoil (1 1/4" R/W, 2" at slopes	CY.	807
9.	Unclassified Excavation (Roadway)	CY.	11,950
10.	Concrete Sidewalk 4" Th.	LF.	1,662
11.	Sfd. A-5 Inlet	EA.	7
12.	Sfd. Manhole	EA.	2
16.	Type "B" Shallow Manhole	EA.	3
18.	18" R.C.P. CI IV	LF.	287
19.	18" R.C.P. CI IV	LF.	30
20.	Transition Curb @ "A" Inlets	LF.	38
23.	15" B.C.C.M.P. IG Gage	LF.	623
24.	21" R.C.P. CI III	LF.	145
29.	Sfd. Type "C" Endwall	EA.	1
43.	15" B.C.C.M.P. End Section	EA.	2
47.	Earth Excavation - Drainage Ditches	CY.	540
48.	1 1/2" Rap - Drainage Ditches	SY.	300
49.	Sod - Drainage Ditches	SY.	800



VICINITY MAP  
Scale: 1" = 3000'

LOCATION PLAN  
Scale: 1" = 400'

- ### GENERAL NOTES
- All work shall be performed in accordance with the Howard County Road Construction Code and Standard Specifications.
  - All utility companies shall be notified 24 hours in advance of construction.
  - Streets are designed for 30M.P.H. traffic speed in accordance with AASHTO standards.
  - Brick bulkhead shall be installed in all storm drain stubs.
  - All inlets shall be Howard County standards unless otherwise shown.
  - All street curb returns shall have a 35.5' radii unless otherwise noted.
  - Storm drain trenches within road rights of way shall be backfilled and compacted in accordance with Howard County Road Code.
  - Approximate location of existing utilities are shown. The Contractor shall take all necessary precautions to protect the existing utilities and to maintain uninterrupted service. Any damage incurred due to contractors operations shall be repaired immediately at the contractors expense.
  - The contractor shall test pit existing utilities, where directed by the Engineer, a minimum of two weeks in advance of construction operations.
  - Temporary, compacted, 18" high Earth Fill Diversion Berms shall be constructed above the lips of fill slopes on the ROW concurrently with the initial grading and directed to undisturbed sod areas at the end of each day.
  - All swales shall be sodded and tamped and all slopes shall be sodded or sodded in conjunction with the Howard County Soil Conservation District and the Howard County Planning Board Standards entitled "Standards and Specifications For Soil Erosion and Sediment Control in Urbanizing Areas". Contractor to notify the Howard County Soil Conservation District at least 3 days before starting work shown on these drawings.
  - All disturbed slope areas to be stabilized as soon as grading is completed.
  - On all fills in sump areas, Reliance Plastic Chemical Company Flexible Tube Down Drains and Pans, or approved equal, shall be used.
  - All Reinforced Concrete for storm drain structures shall have minimum 28 day strength of 3500 psi.

**BENCH MARKS**

Bench Mark W-739 Elev. 350.74  
Iron Pipe 258' right of & Station  
55+65 Cradlerock Way.

Bench Mark W-755 Elev. 305.13  
Iron Pipe 160' left of & Station  
85+60 Cradlerock Way.

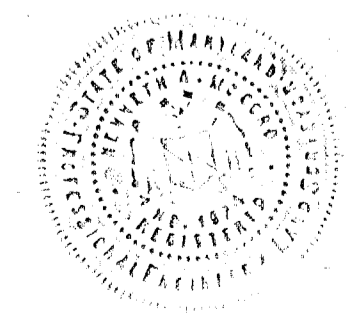
**CERTIFICATION BY THE DEVELOPER**  
I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

*John T. ...*  
Signature of Developer Date 5-7-74

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 4/23/74  
*JHC*

**COLUMBIA**  
VILLAGE OF OWEN BROWN  
SECTION 1 AREA 2  
RESUBDIVISION OF LOTS 3, 4, 7 AND PARCEL "C"  
**ROAD CONSTRUCTION PLANS**  
6<sup>th</sup> ELECTION DISTRICT OF HOWARD COUNTY MD.  
OWNER AND DEVELOPER  
**HOWARD RESEARCH AND DEVELOPMENT CORP.**  
COLUMBIA, MARYLAND  
Date: \_\_\_\_\_ Scale: As Shown

WHITMAN, REQUARDT & ASSOCIATES  
ENGINEERS  
BALTIMORE, MARYLAND 21202  
*Kenneth A. McCord*  
KENNETH A. MCCORD  
Registered Engineer  
NO. 1974

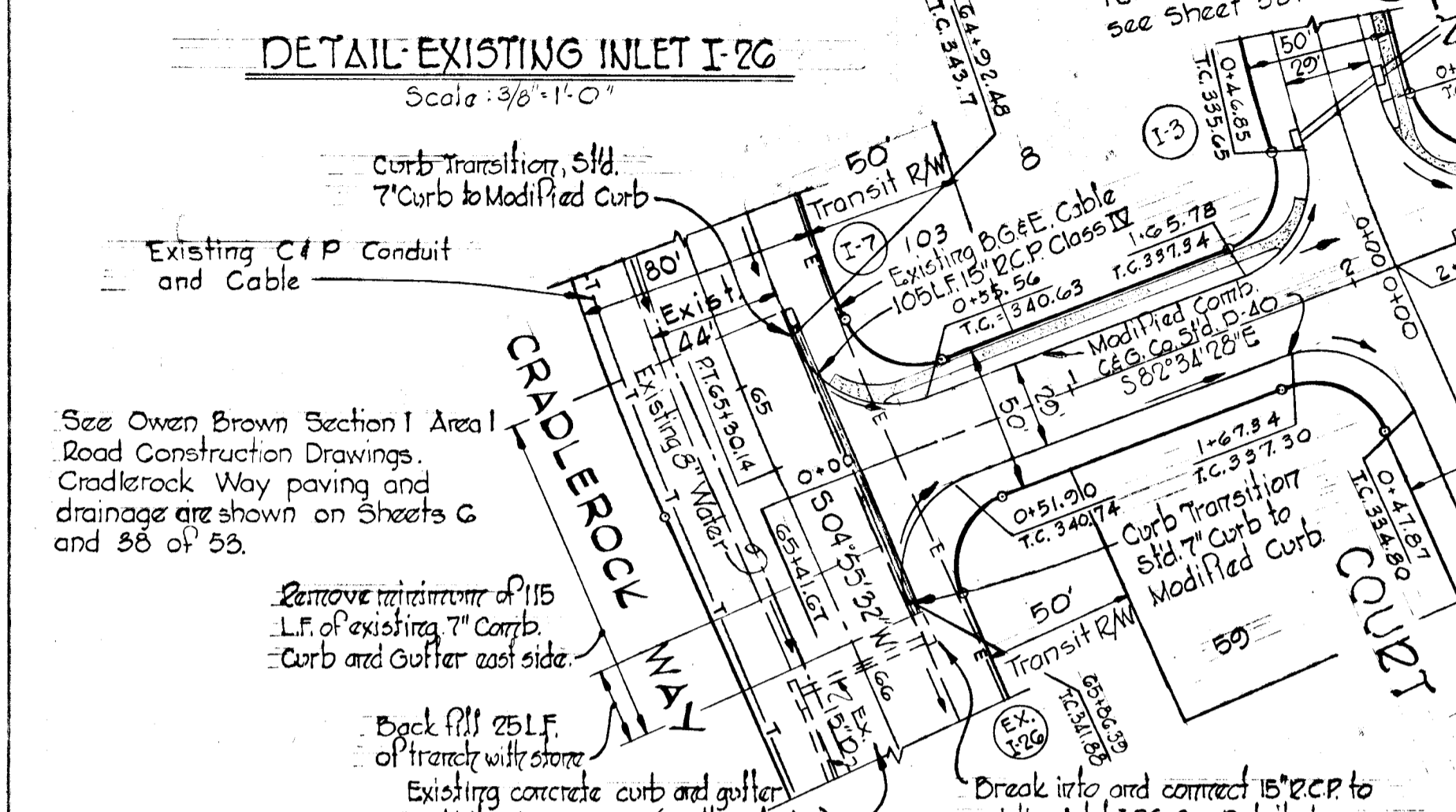
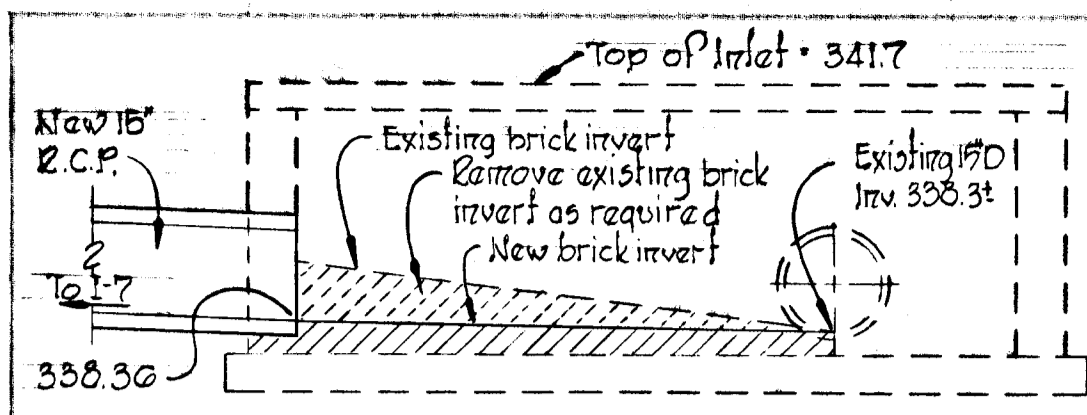


DEPARTMENT OF PUBLIC WORKS  
CHIEF, BUREAU OF HIGHWAYS DATE 5-9-74  
OFFICE OF PLANNING AND ZONING  
*J. H. Clowers*  
CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING DATE 5/24/74

OWNER AND DEVELOPER  
THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
COLUMBIA, MARYLAND

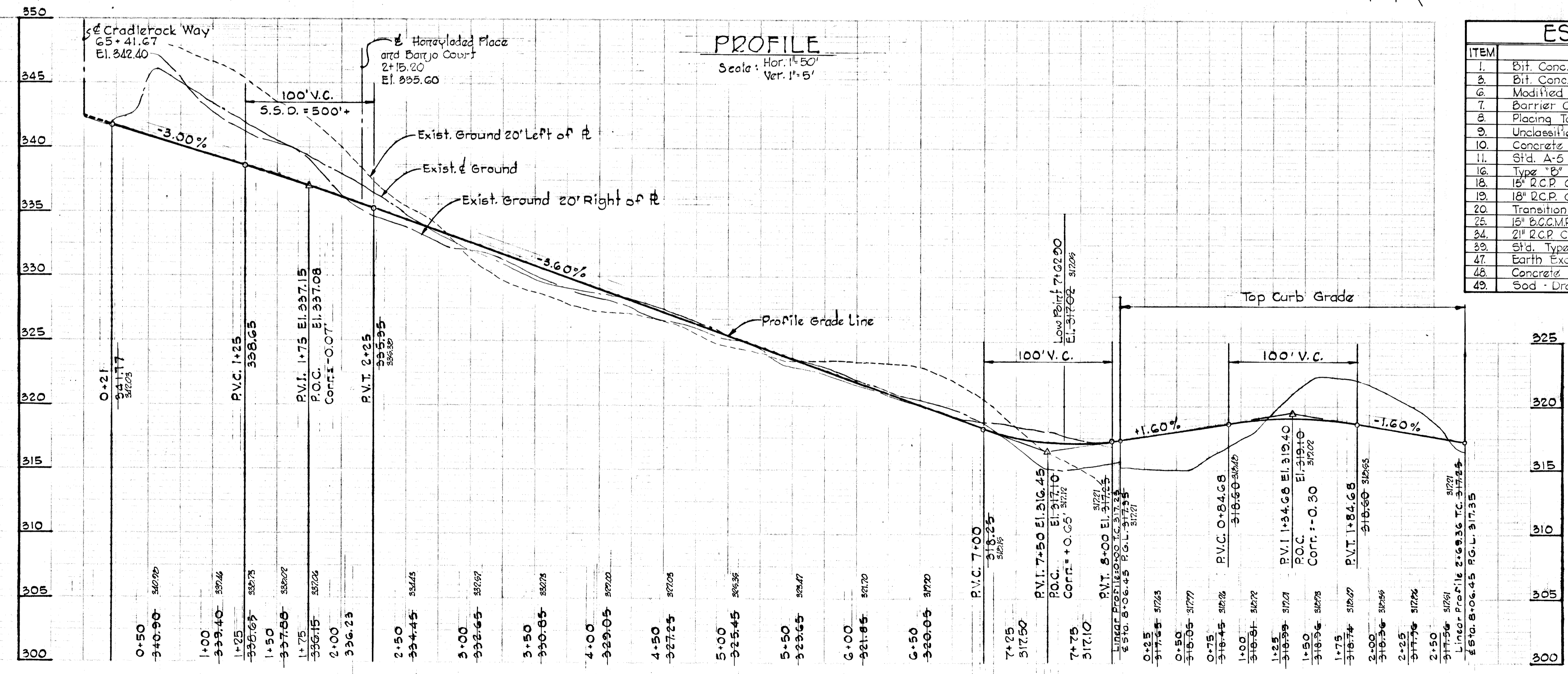
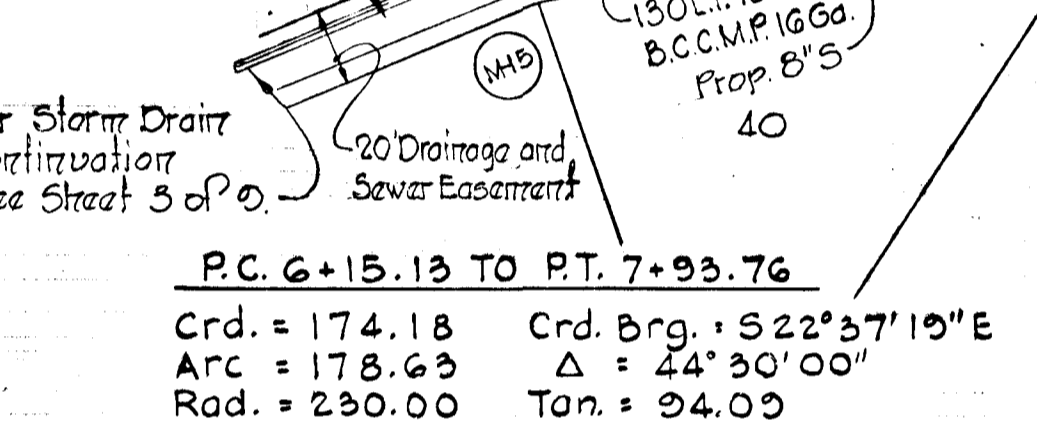
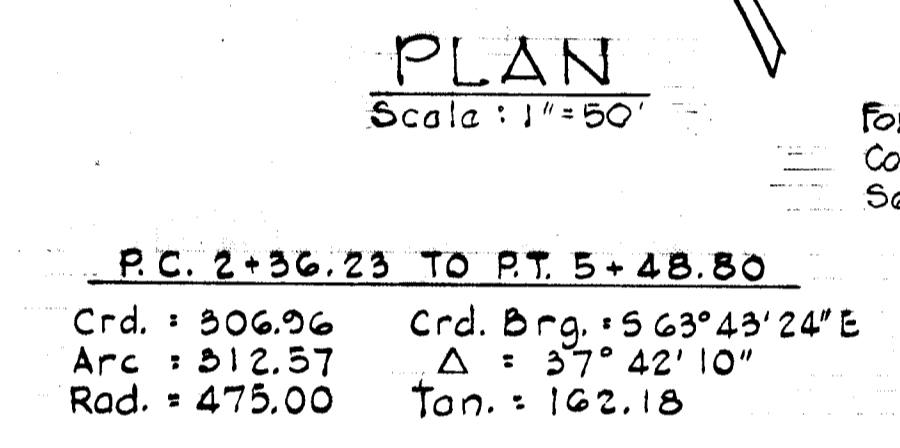
Reviewed for Howard S.C.D.  
Name  
and Meets Technical Requirements  
*James W. ...* Date 5-7-74  
Signature  
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED  
FOR SOIL EROSION AND SEDIMENT  
CONTROL BY THE HOWARD SOIL  
CONSERVATION DISTRICT.  
Approved *Robert J. ...* Date 5-7-74  
Howard S.C.D.



**STORM DRAIN STRUCTURE SCHEDULE**

NO.	TYPE	TOP EL.	INV. EL.	LOCATION
I-4	Std. "A-5" Inlet Width 7.25'	317.12	311.80	Inlet is 15.92' Left of Sta. 7+02.00
I-5	Std. "A-5" Inlet Width 7.25'	317.12	312.21	Inlet is 15.92' Right of Sta. 7+02.00
I-7	Std. "A-5" Inlet Width 7.25'	343.80	338.71	Inlet is 23.25' Left of Sta. 6+85 Cradlerock Way
MH-3	Type "B" Manhole See Sht. 7 of 9	312.79	307.84	See Plan and Profile
MH-4	Type "B" Manhole See Sht. 7 of 9	317.79	313.00	See Plan and Profile
S-3	Std. "C" Endwall See Sht. 7 of 9	309.94	307.84	See Plan and Profile



**ESTIMATE OF QUANTITIES**

ITEM	DESCRIPTION	UNIT	QUANTITIES
1.	Bit. Conc. Surface Course 1 1/2" Th.	SY.	2995
2.	Bit. Conc. Base Course 5" Th.	SY.	2995
3.	Modified Comb. Curb & Gutter	LF.	1640
4.	Barrier Curb	LF.	95
5.	Placing Topsoil	SY.	-
6.	Unclassified Excavation (Roadway)	CY.	-
7.	Concrete Sidewalk 4" Th.	LF.	803
8.	Std. A-5 Inlet	EA.	3
9.	Type "B" Shallow Manhole	EA.	2
10.	15" R.C.P. Cl. IV	LF.	184
11.	18" R.C.P. Cl. IV	LF.	30
12.	Transition Curb @ "A" Inlets	LF.	20
13.	15" B.C.C.M.P. IG Gage	LF.	130
14.	21" R.C.P. Cl. III	LF.	149
15.	Std. Type "C" Endwall	EA.	1
16.	Earth Excavation - Drainage Ditches	CY.	32
17.	Concrete Paving - Drainage Ditches	SY.	8
18.	6" Drainage Ditches	SY.	12

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 2/23/74  
J.M.C.

DEPARTMENT OF PUBLIC WORKS  
220 Sublet 5-9-74  
CHIEF, BUREAU OF HIGHWAYS DATE  
OFFICE OF PLANNING AND ZONING  
CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING DATE

Rev. Date Rev. No. Revision Description

**COLUMBIA**  
6<sup>th</sup> ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER  
HOWARD RESEARCH AND DEVELOPMENT CORP.

PROJECT AREA  
**VILLAGE OF OWEN BROWN**  
SECTION 1, AREA 2  
RESUBDIVISION OF LOTS 3, 4, 7 AND PARCEL "C"

PROJECT TITLE  
**PLAN AND PROFILE  
SMOOTH PATH**

SCALE: As Shown DATE:

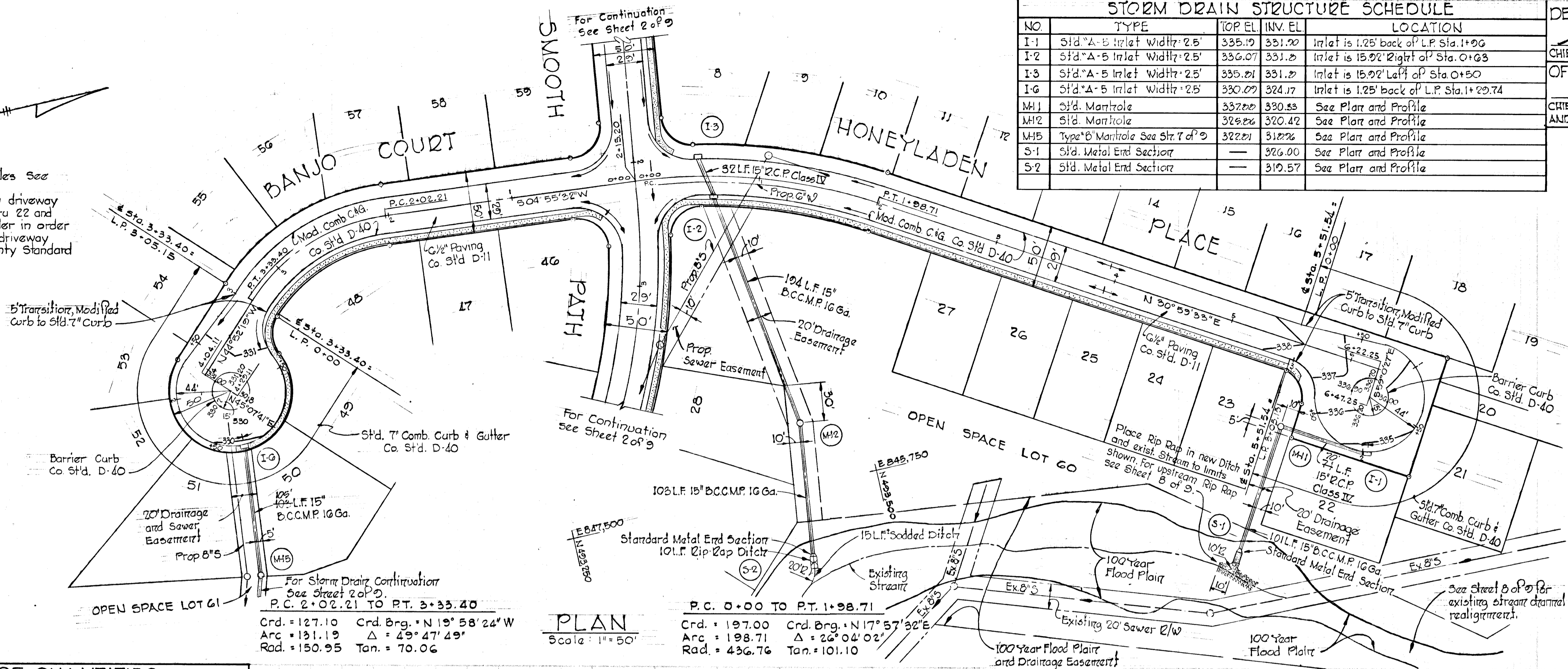
WHITMAN, REQUARDT & ASSOCIATES  
ENGINEERS  
BALTIMORE, MARYLAND 21202

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

DEPARTMENT OF PUBLIC WORKS  
*W. O. Leland* J. 9. 74  
 CHIEF, BUREAU OF HIGHWAYS  
 OFFICE OF PLANNING AND ZONING  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

STORM DRAIN STRUCTURE SCHEDULE				
NO	TYPE	TOP EL	INV. EL	LOCATION
I-1	Std. A-5 Inlet Width 2.5'	335.19	331.20	Inlet is 1.25' back of L.P. Sta. 1+00
I-2	Std. A-5 Inlet Width 2.5'	336.07	331.20	Inlet is 15.92' Right of L.P. Sta. 0+63
I-3	Std. A-5 Inlet Width 2.5'	335.21	331.20	Inlet is 15.92' Left of L.P. Sta. 0+50
I-6	Std. A-5 Inlet Width 2.5'	330.09	324.17	Inlet is 1.25' back of L.P. Sta. 1+29.74
M-1	Std. Manhole	332.20	330.83	See Plan and Profile
M-2	Std. Manhole	324.26	320.42	See Plan and Profile
M-15	Type 'B' Manhole See Str. 7 of 9	322.21	312.26	See Plan and Profile
S-1	Std. Metal End Section	—	326.00	See Plan and Profile
S-2	Std. Metal End Section	—	319.57	See Plan and Profile

- NOTES:
- For Storm Drain Profiles See Sheet G of 9
  - Contractor must obtain driveway location for lots 16 thru 22 and 49 thru 54 from builder in order to construct typical driveway entrances as per County Standard D-24.



PLAN  
 Scale: 1" = 50'

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

COLUMBIA  
 6<sup>th</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER  
 HOWARD RESEARCH AND DEVELOPMENT CORP.

PROJECT AREA  
 VILLAGE OF OWEN BROWN  
 SECTION 1, AREA 2  
 RESUBDIVISION OF LOTS 3, 4, 7 AND PARCEL "C"

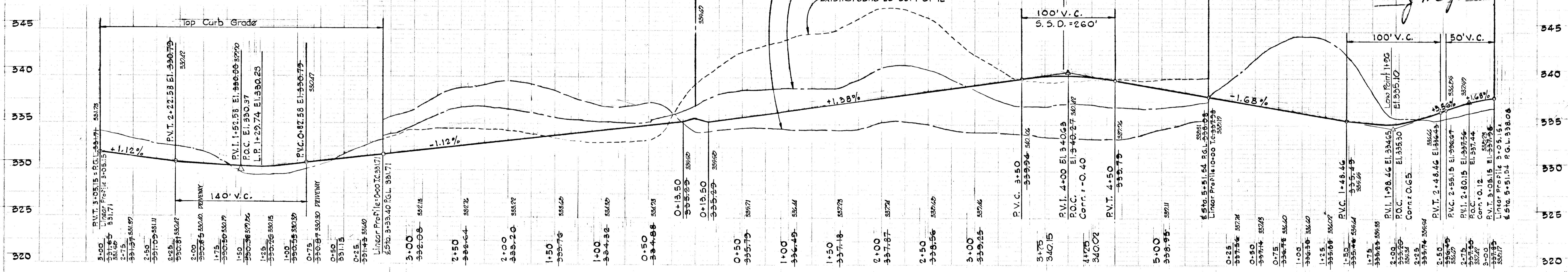
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 PLAN AND PROFILE  
 HONEYLADEN PLACE  
 BANJO COURT

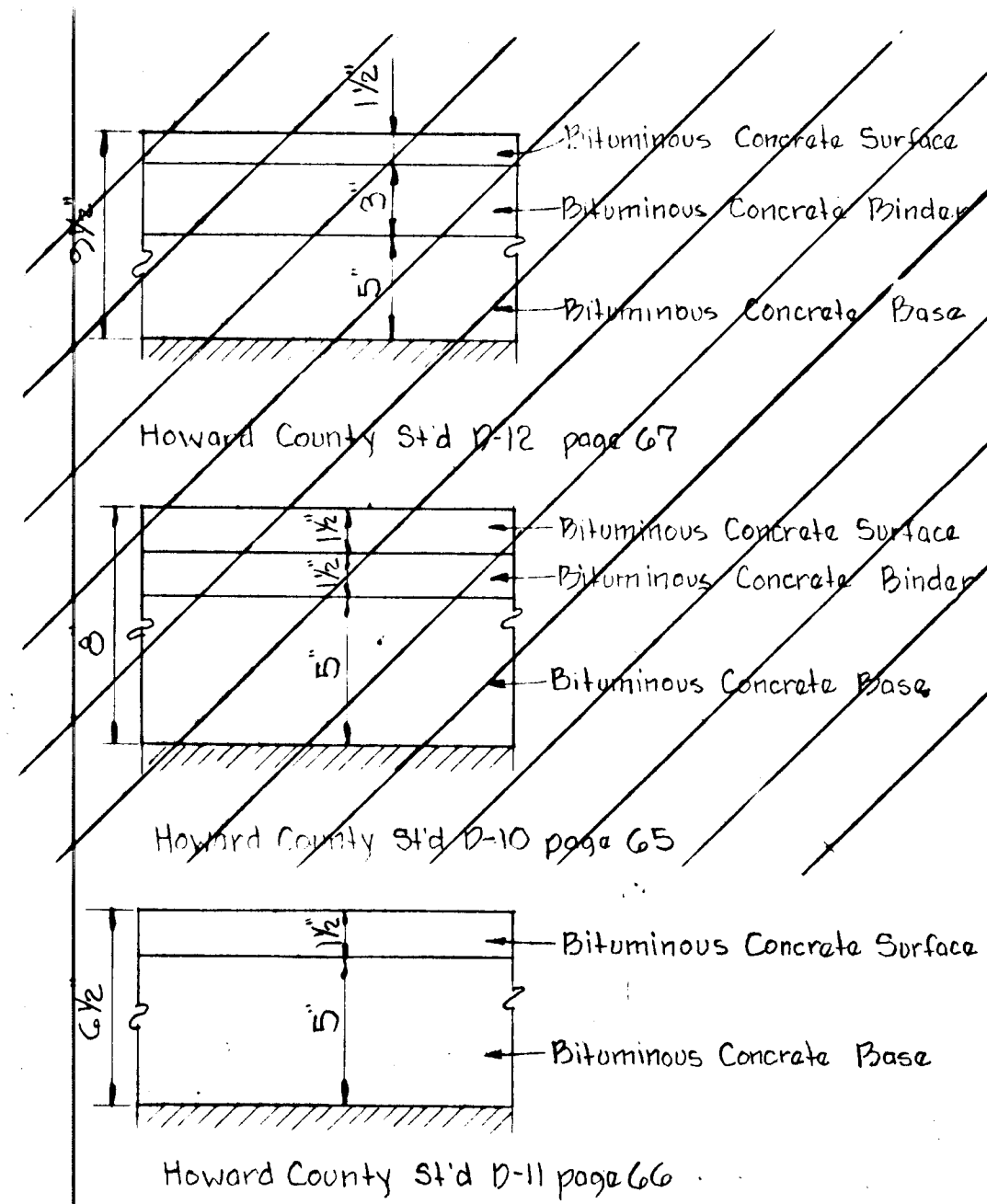
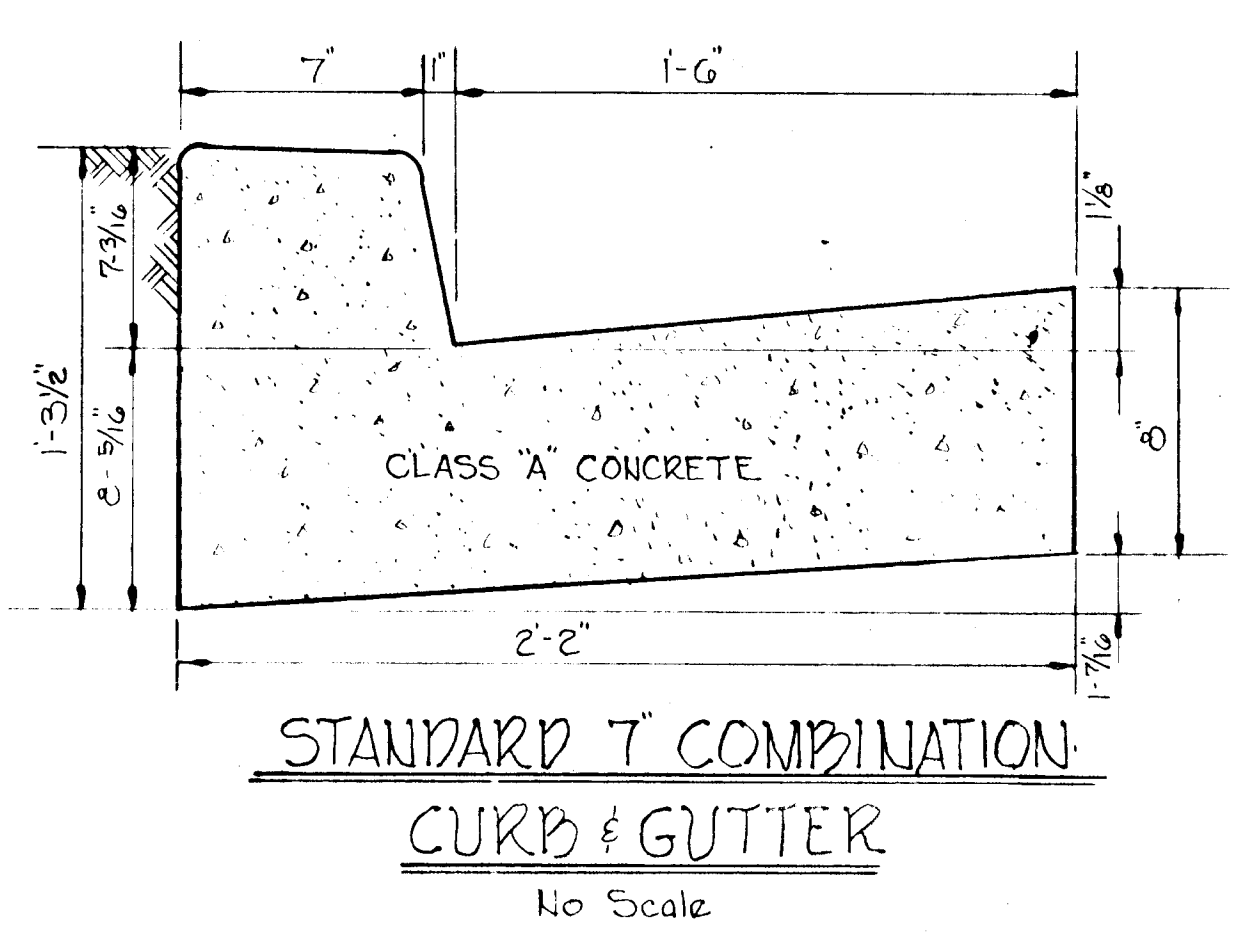
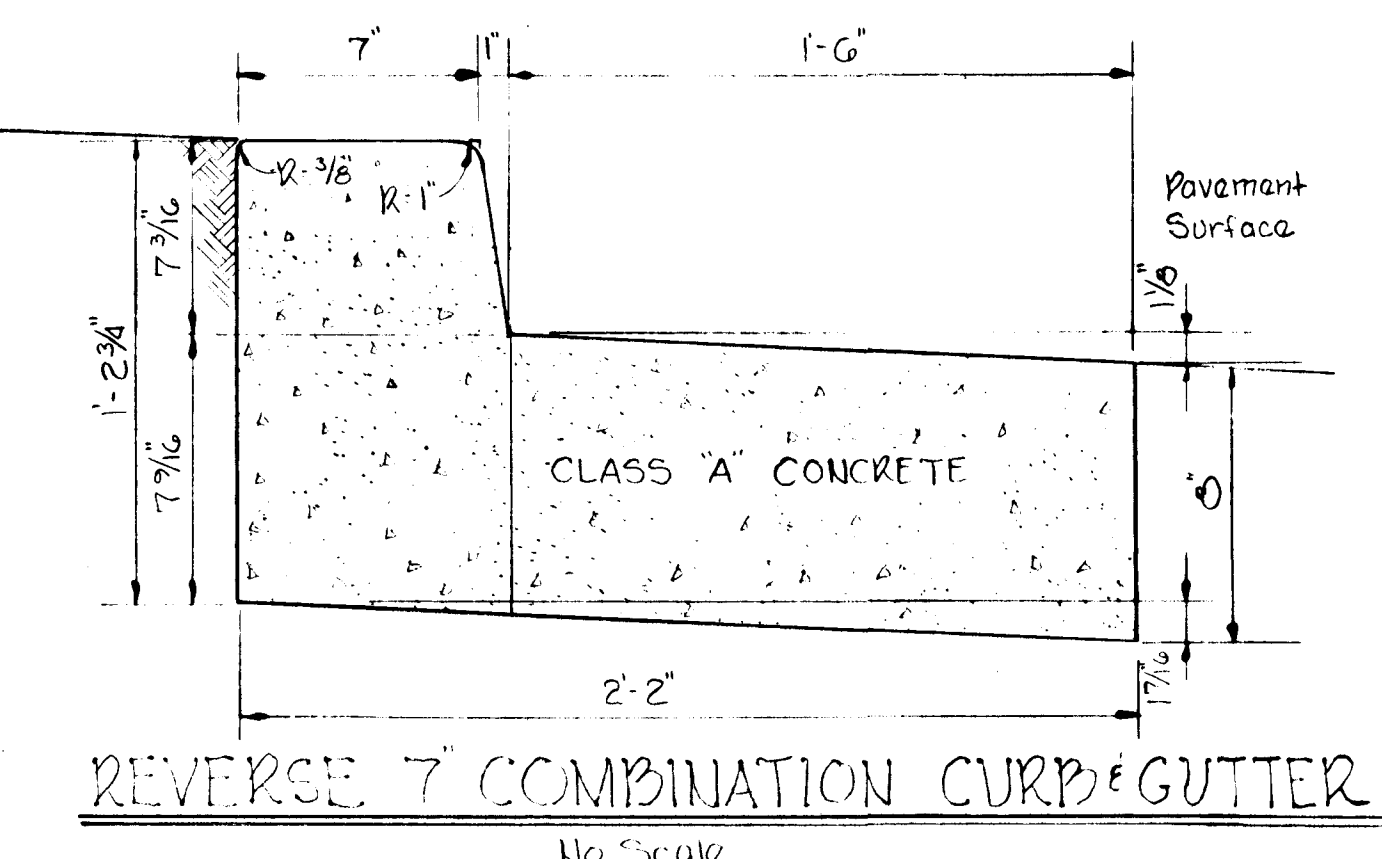
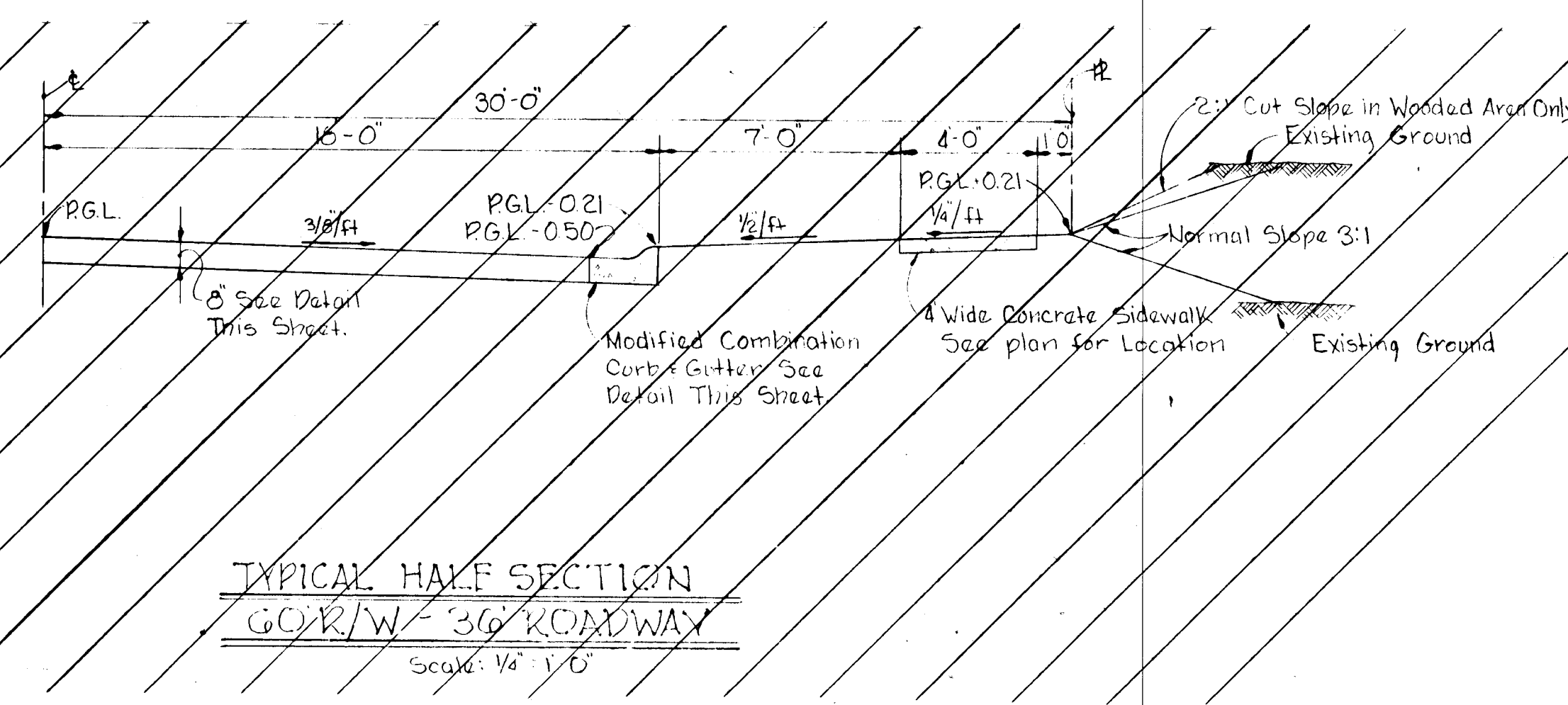
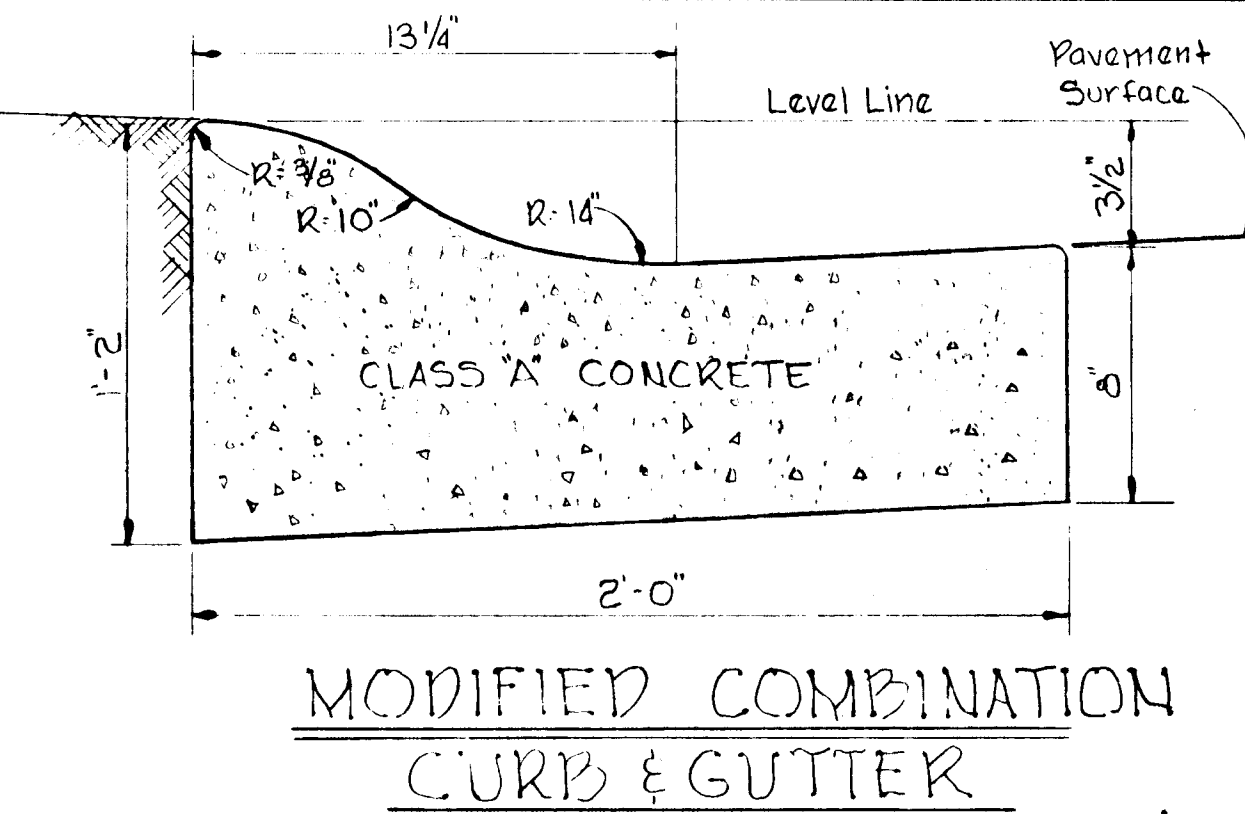
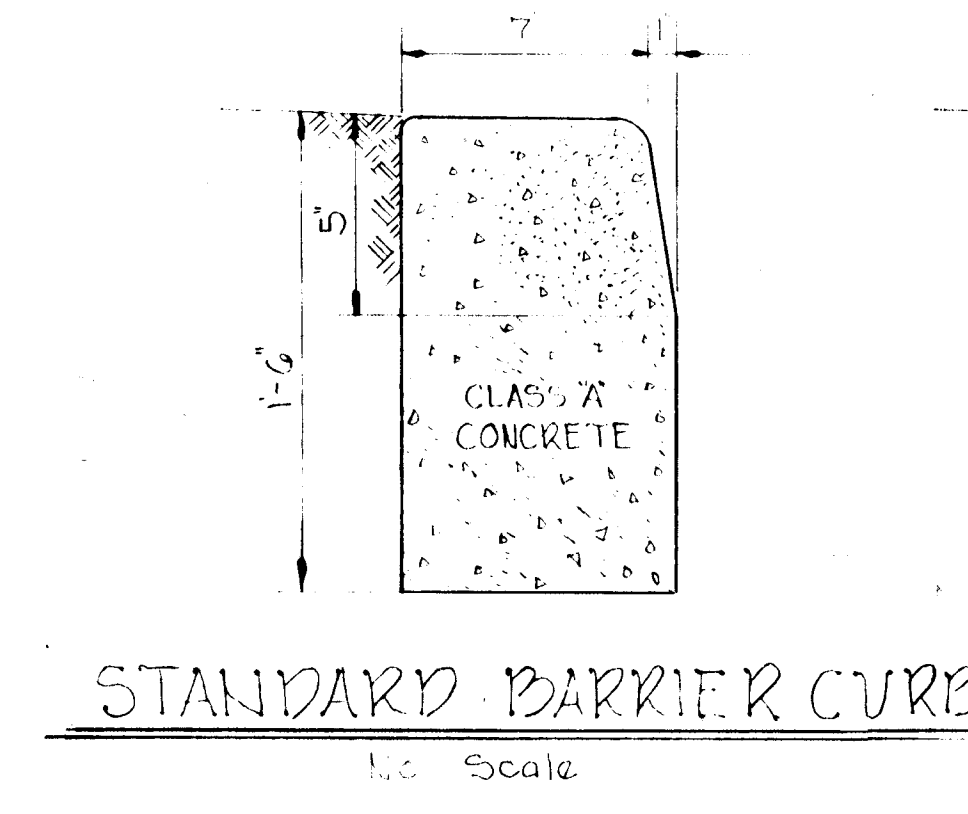
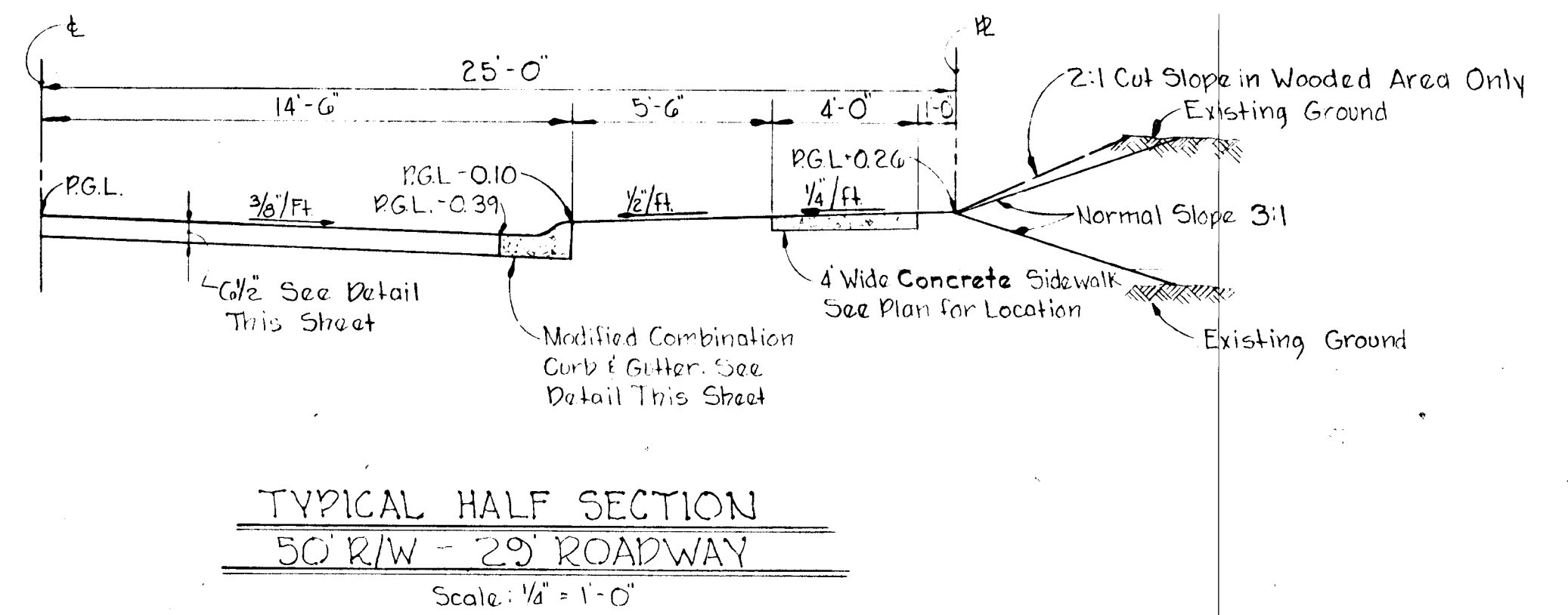
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WHITMAN, REQUARDT & ASSOCIATES  
 ENGINEERS  
 BALTIMORE, MARYLAND 21202

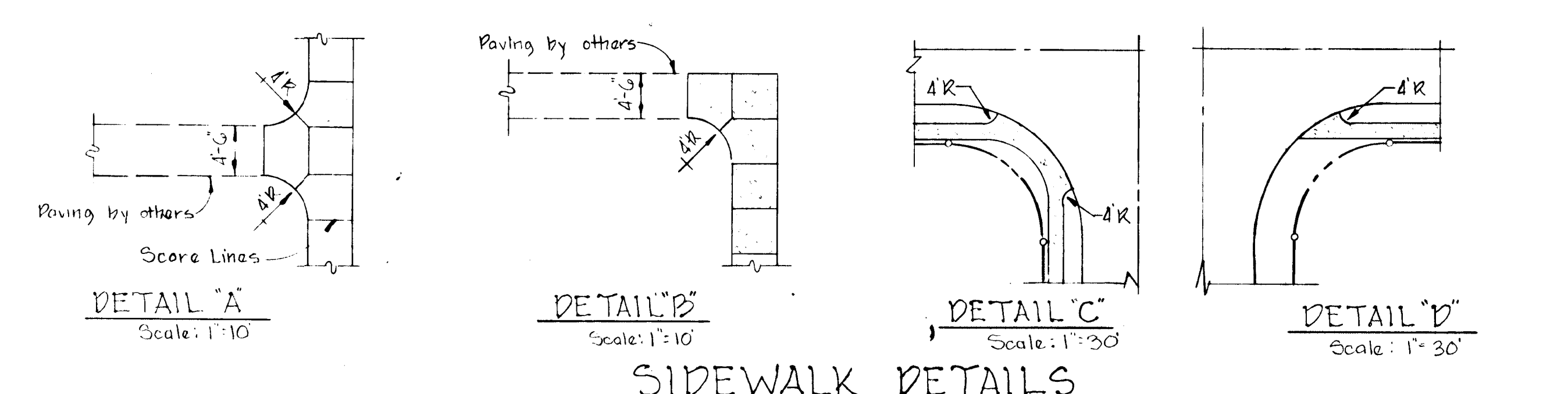
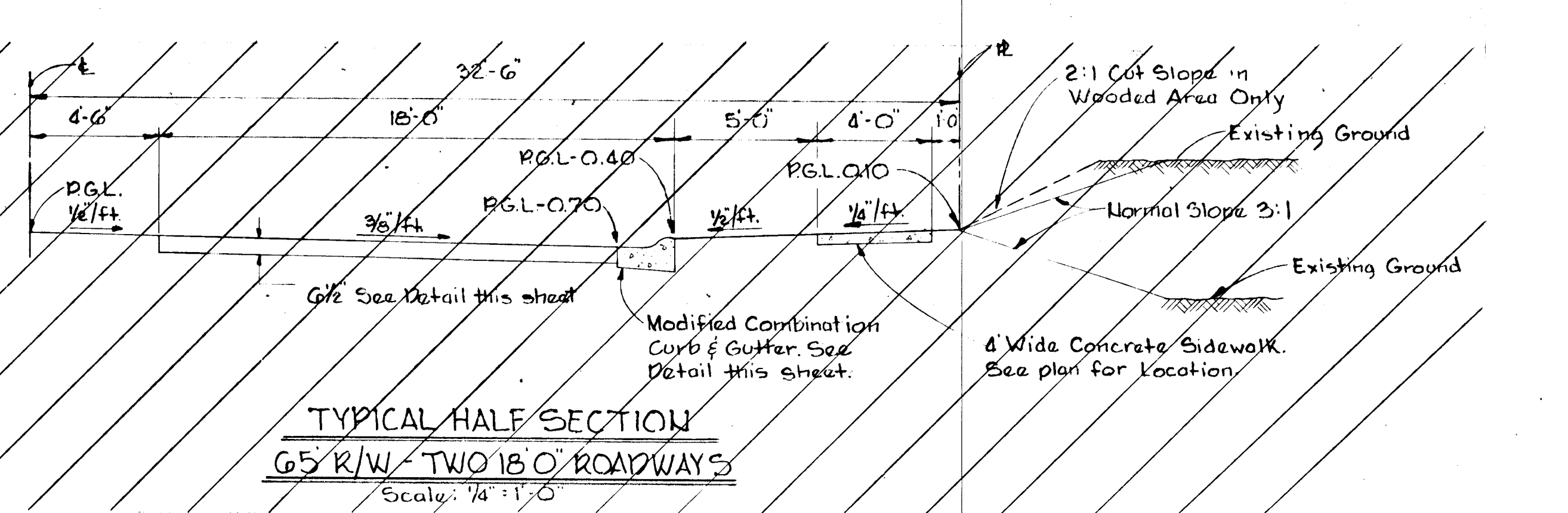
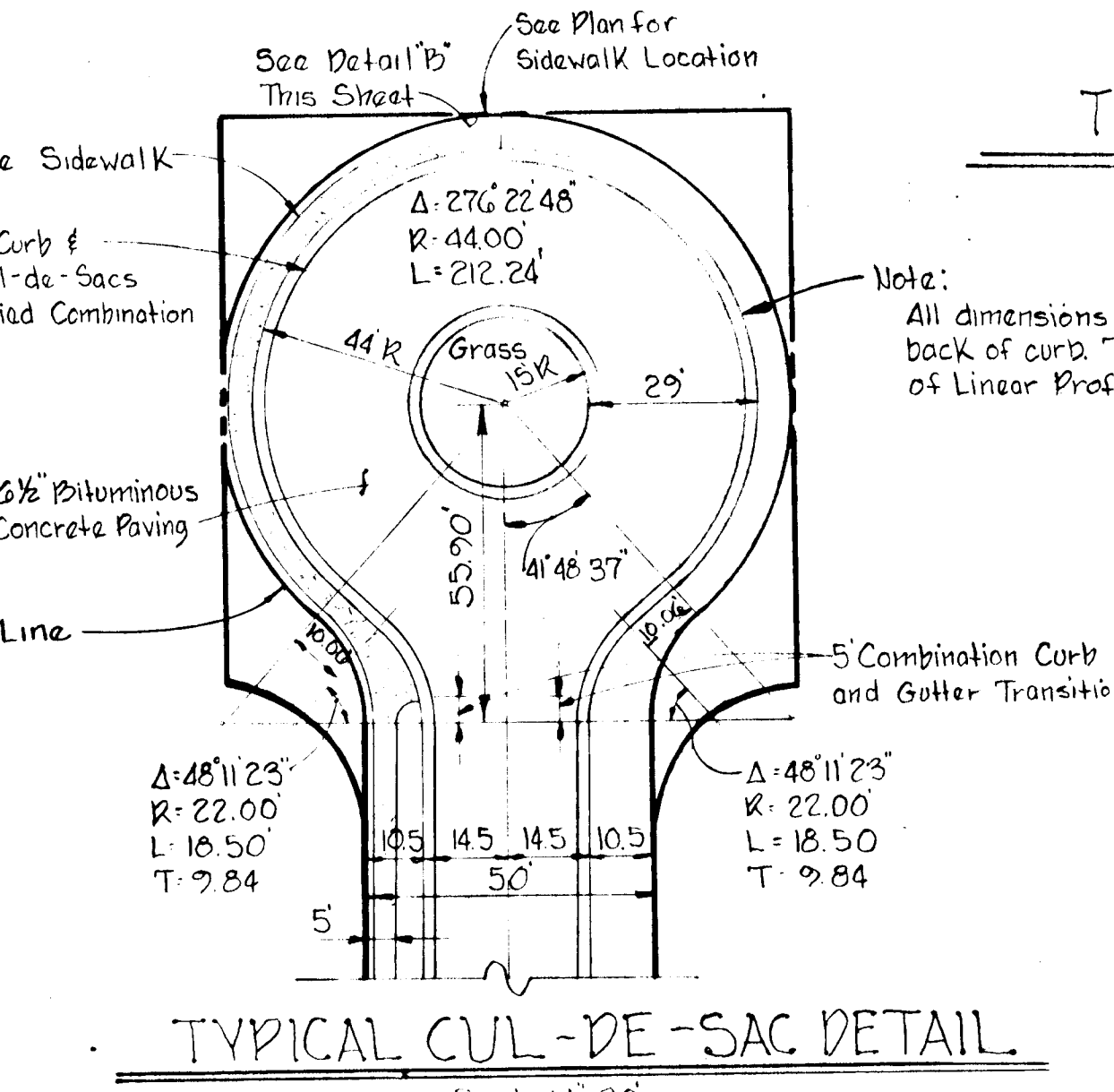
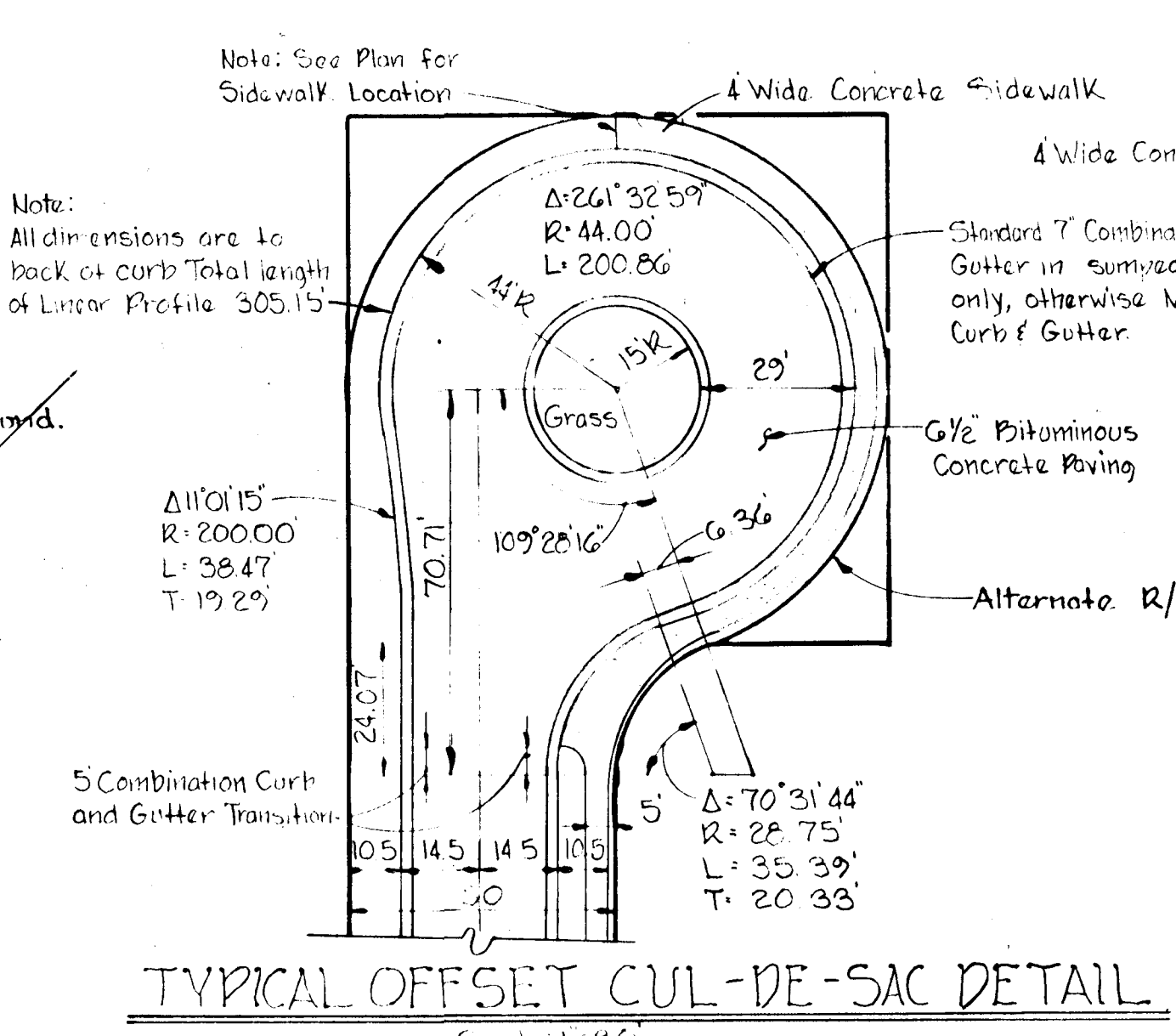
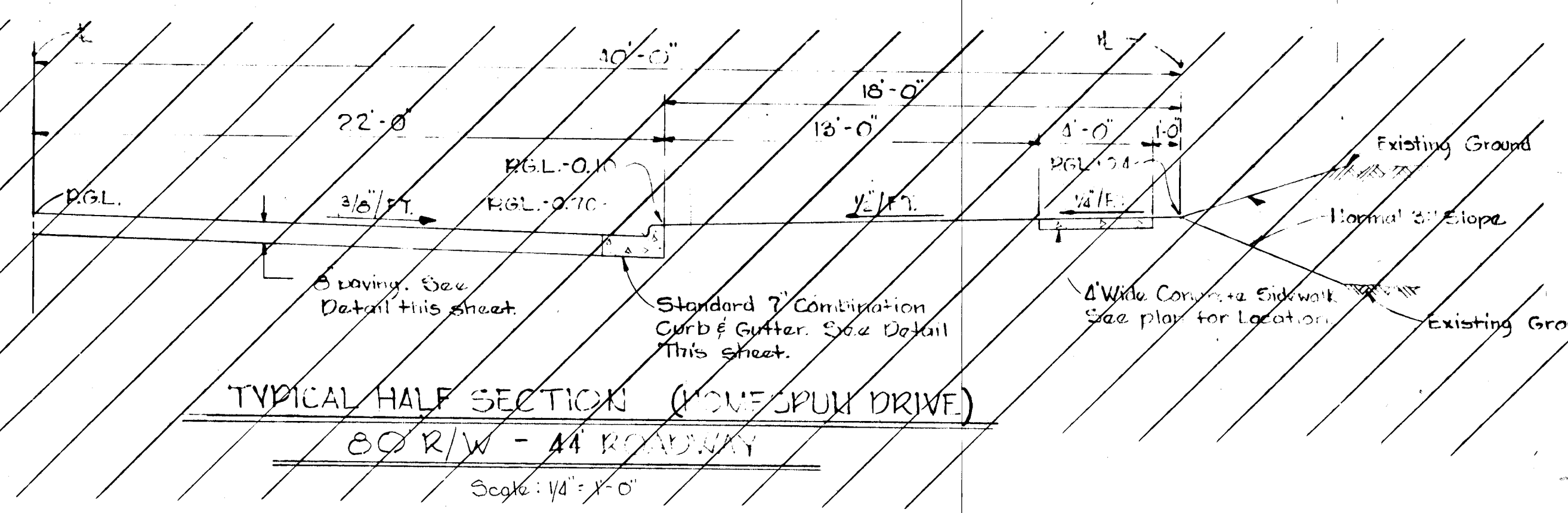
*Kenneth A. McCord*  
 KENNETH A. MCCORD  
 Registered Engineer  
 No. 1974

ESTIMATE OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITIES
1.	Bit. Conc. Surface Course 1 1/2" Th.	SY.	3840
2.	Bit. Conc. Base Course 5" Th.	SY.	3840
4.	Std. 7" Comb. Curb & Gutter	LF.	585
6.	Modified Comb. Curb & Gutter	LF.	1750
7.	Barrier Curb	LF.	190
8.	Placing Topsoil	SY.	-
9.	Unclassified Excavation (Roadway)	CY.	-
10.	Concrete Sidewalk 4" Th.	LF.	850
11.	Std. A-5 Inlet	EA.	4
15.	Std. Manhole	EA.	2
16.	Type "B" Shallow Manhole	EA.	1
18.	15" R.C.P. Cl. IV	LF.	103
20.	Transition Curb @ "A" Inlet	LF.	16
25.	15" B.C.C.M.P. 16 Ga.	LF.	492
43.	15" B.C.C.M.P. End Section	EA.	2
47.	Earth Excavation - Drainage Ditches	CY.	8
48.	Concrete Paving - Drainage Ditches	SY.	17
49.	Sod - Drainage Ditches	SY.	37





NOTES  
 1. Base will be placed in accordance with C-30-3 as provided in the Howard County Road Construction Code and Standard Specifications.  
 2. Tack Coat is required in accordance with Section C-31-d of the Howard County Road Construction Code and Standard Specifications.



TYPICAL PAVING SECTIONS  
 No Scale  
 All dimensions are to back of curb. Total Length of Linear Profile 269'36".  
 9/23/74  
*J. Kelly*

Rev. Date	Rev. No.	Revision Description

**COLUMBIA**  
 6<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER  
 HOWARD RESEARCH AND DEVELOPMENT CORP.

PROJECT AREA  
**VILLAGE OF OWEN BROWN**  
 SECTION 1, AREA 2  
 RESUBDIVISION OF LOTS 3, 4, 7 AND PARCEL "C"

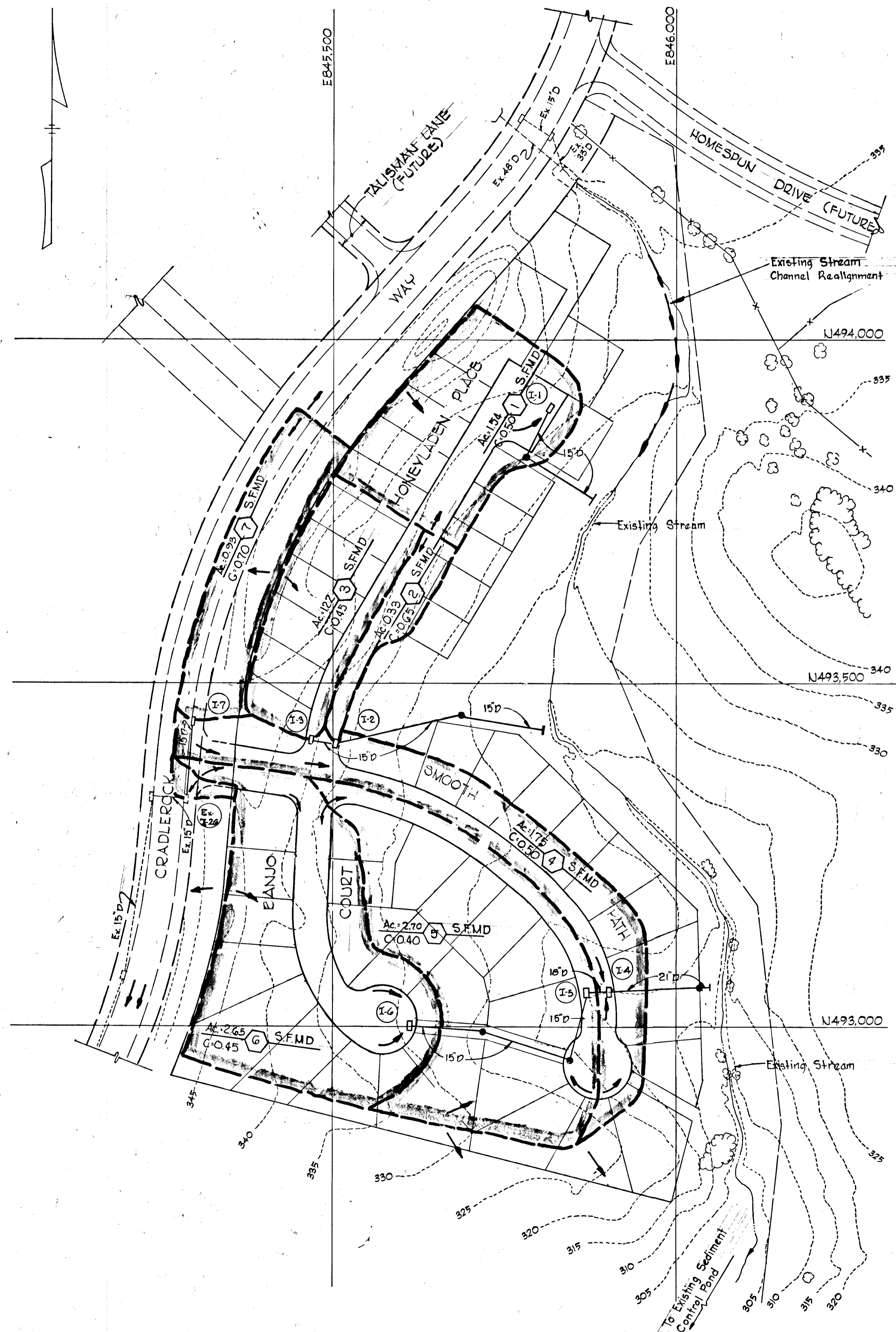
PROJECT TITLE  
**ROADWAY DETAILS**

SCALE: AS SHOWN DATE:

WHITMAN, REARDT & ASSOCIATES  
 ENGINEERS  
 BALTIMORE, MARYLAND 21202

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

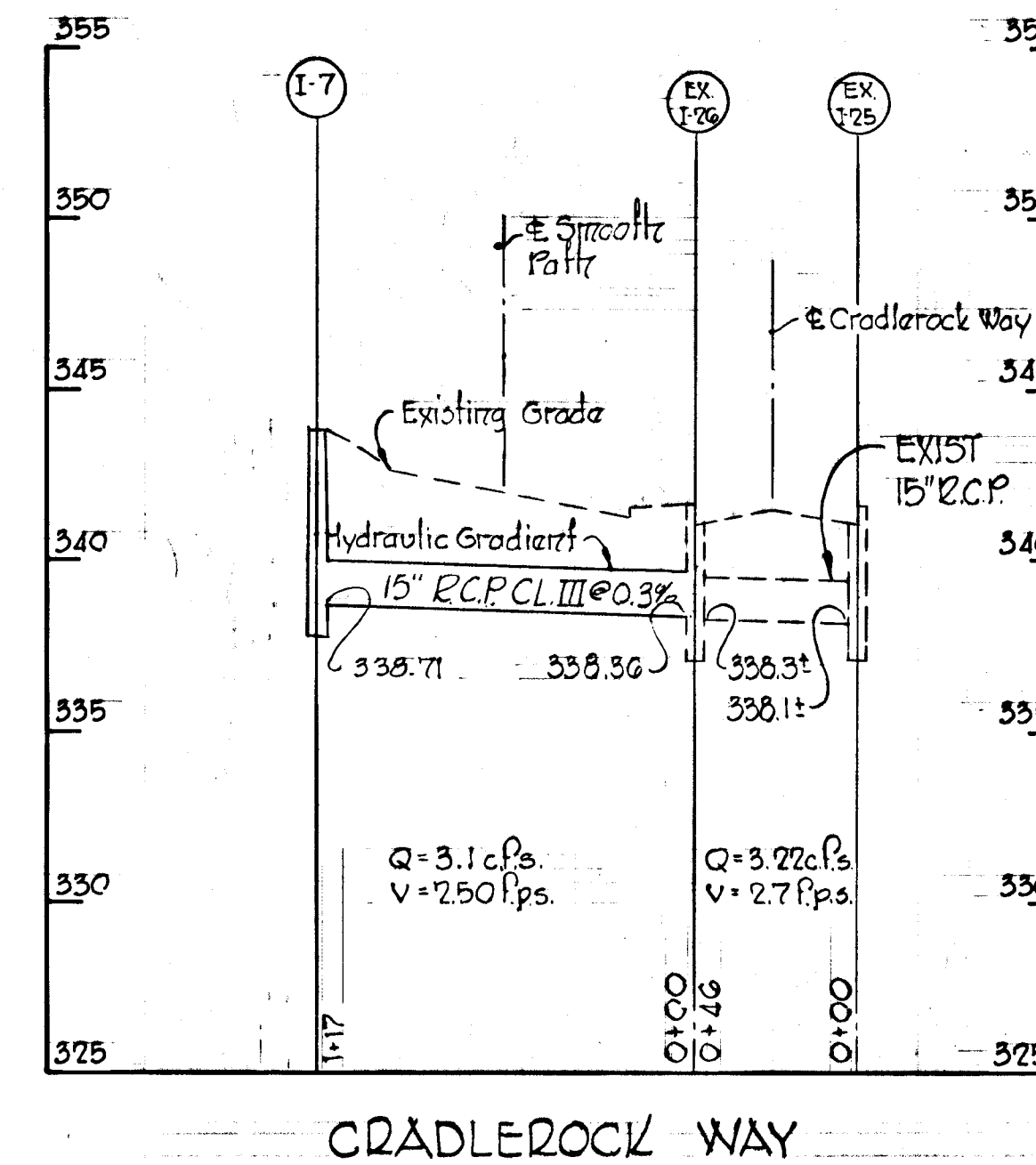
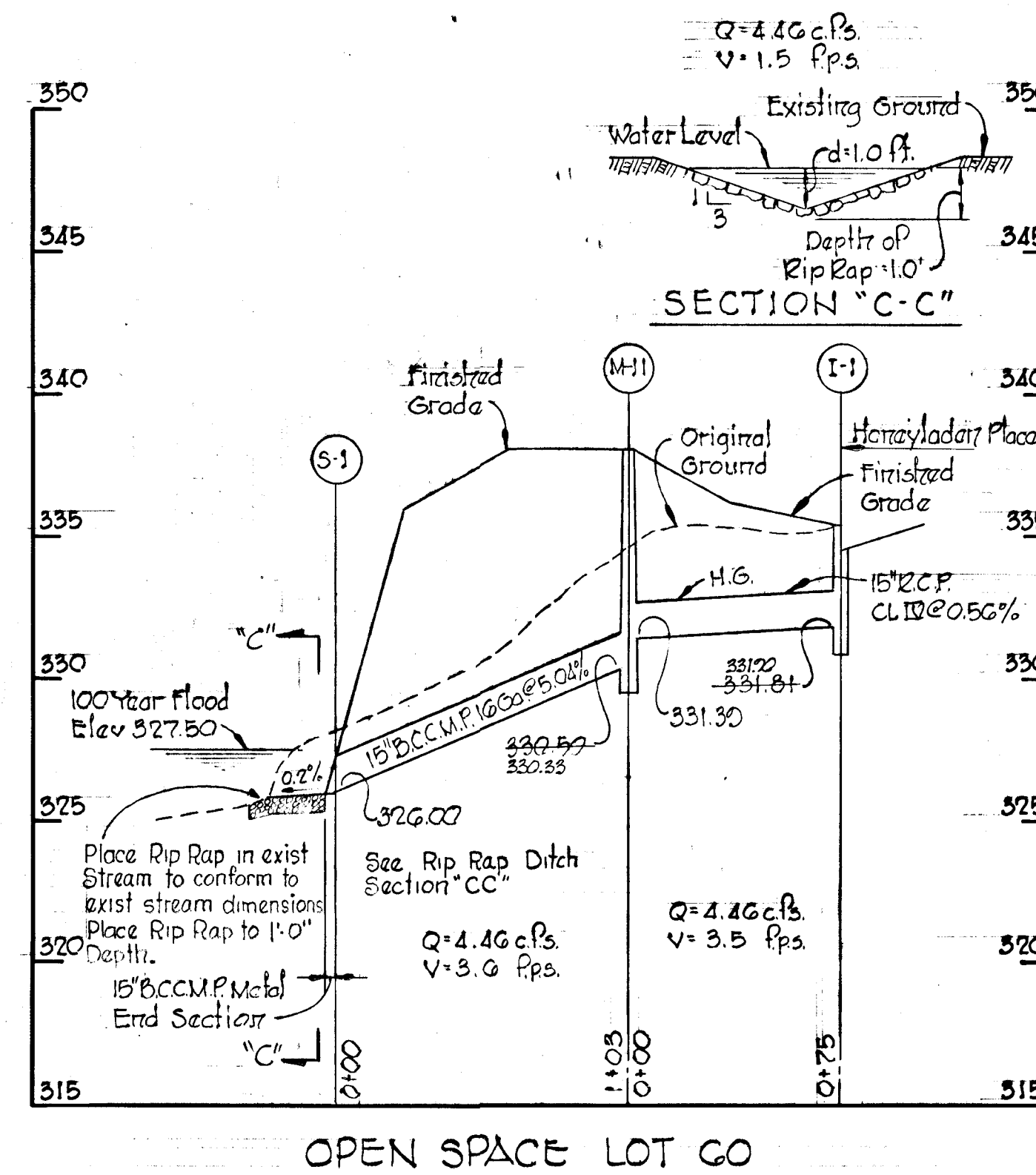
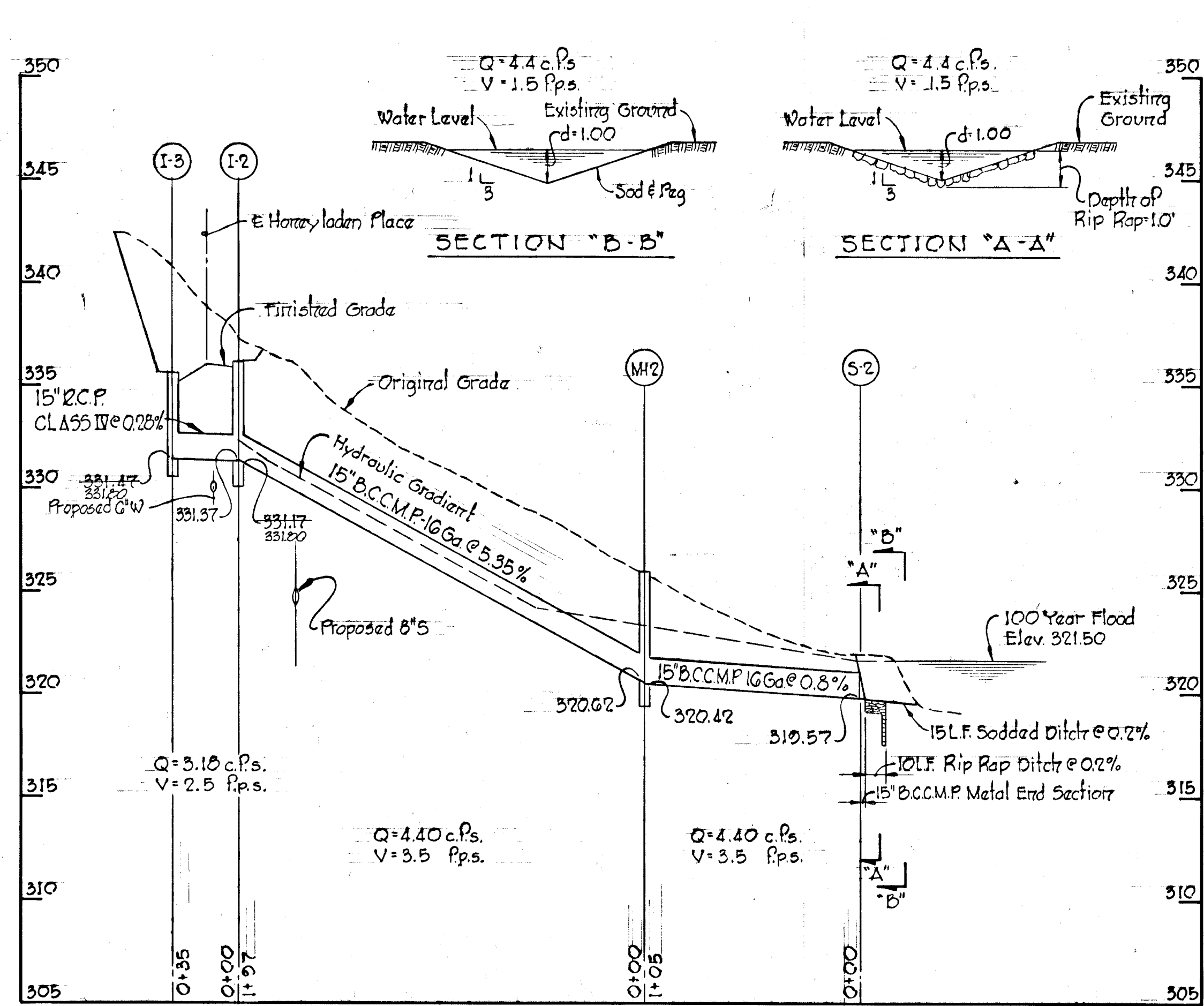
Area	Acres	"C"	Zoning
I-1	1.54	0.50	SFMD
I-2	0.33	0.65	SFMD
I-3	1.22	0.45	SFMD
I-4	1.75	0.50	SFMD
I-5	2.70	0.40	SFMD
I-6	2.65	0.45	SFMD
I-7	0.93	0.70	SFMD



DEPARTMENT OF PUBLIC WORKS  
*W. O. Filled* 5-9-74  
 CHIEF, BUREAU OF HIGHWAYS DATE  
 OFFICE OF PLANNING AND ZONING  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE  
 AND TRANSPORTATION PLANNING

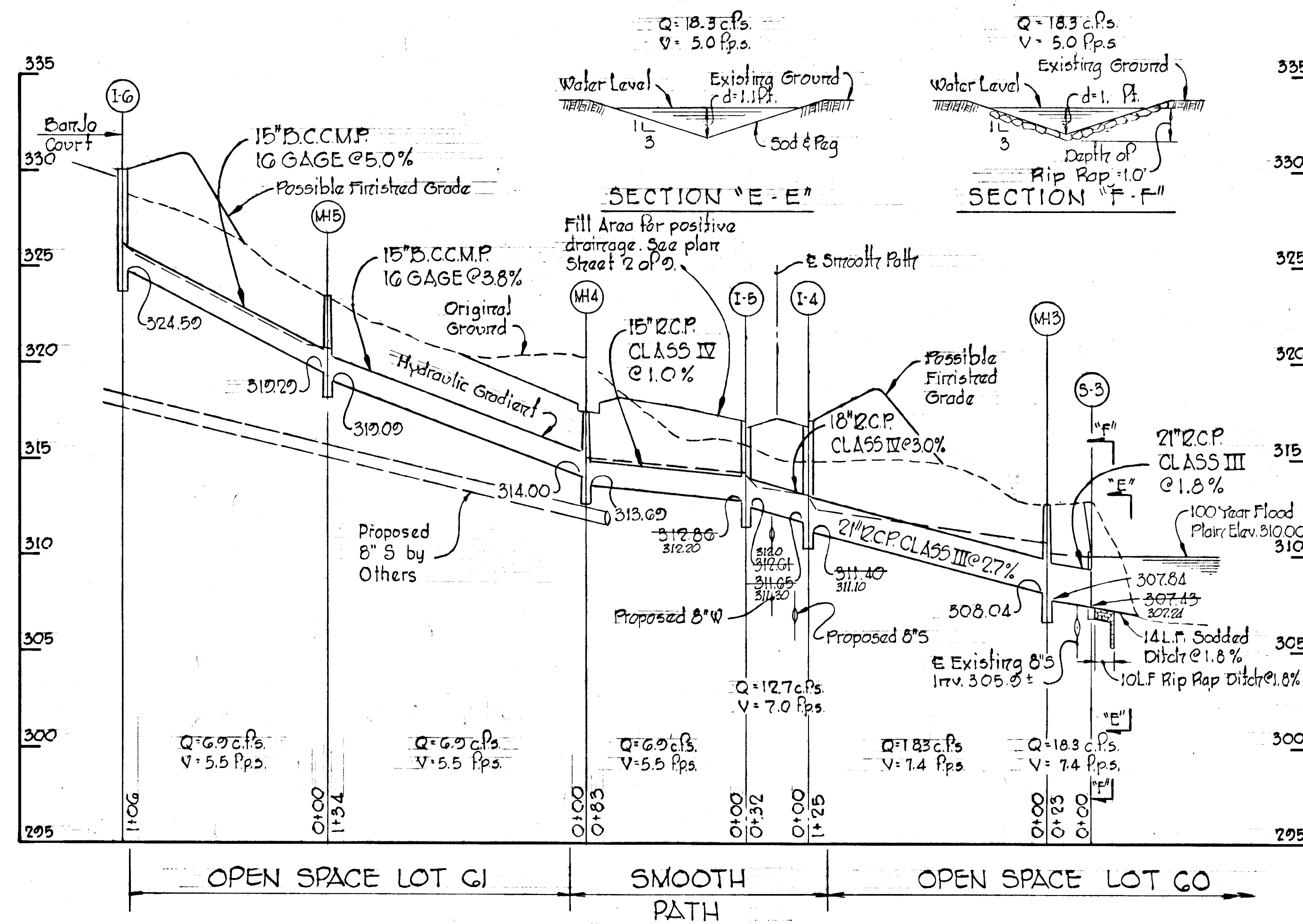
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 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 1/23/74  
*J. McKel*

Rev. Date	Rev. No.	Revision Description
<b>COLUMBIA</b> 2 <sup>ND</sup> ELECTION DISTRICT HOWARD COUNTY, MARYLAND OWNER AND DEVELOPER HOWARD RESEARCH AND DEVELOPMENT CORP. PROJECT AREA <b>VILLAGE OF OWEN BROWN</b> SECTION 1, AREA 2 <b>RESUBDIVISION OF LOTS 3, 4, 7 AND PARCEL "C"</b> PROJECT TITLE <b>DRAINAGE AREA MAP</b> SCALE: 1"=100' DATE:		
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS BALTIMORE, MARYLAND 21202 <i>Kenneth A. McCord</i> KENNETH A. MCCORD Registered Engineer No. 1974		



OPEN SPACE LOT GO

OPEN SPACE LOT GO

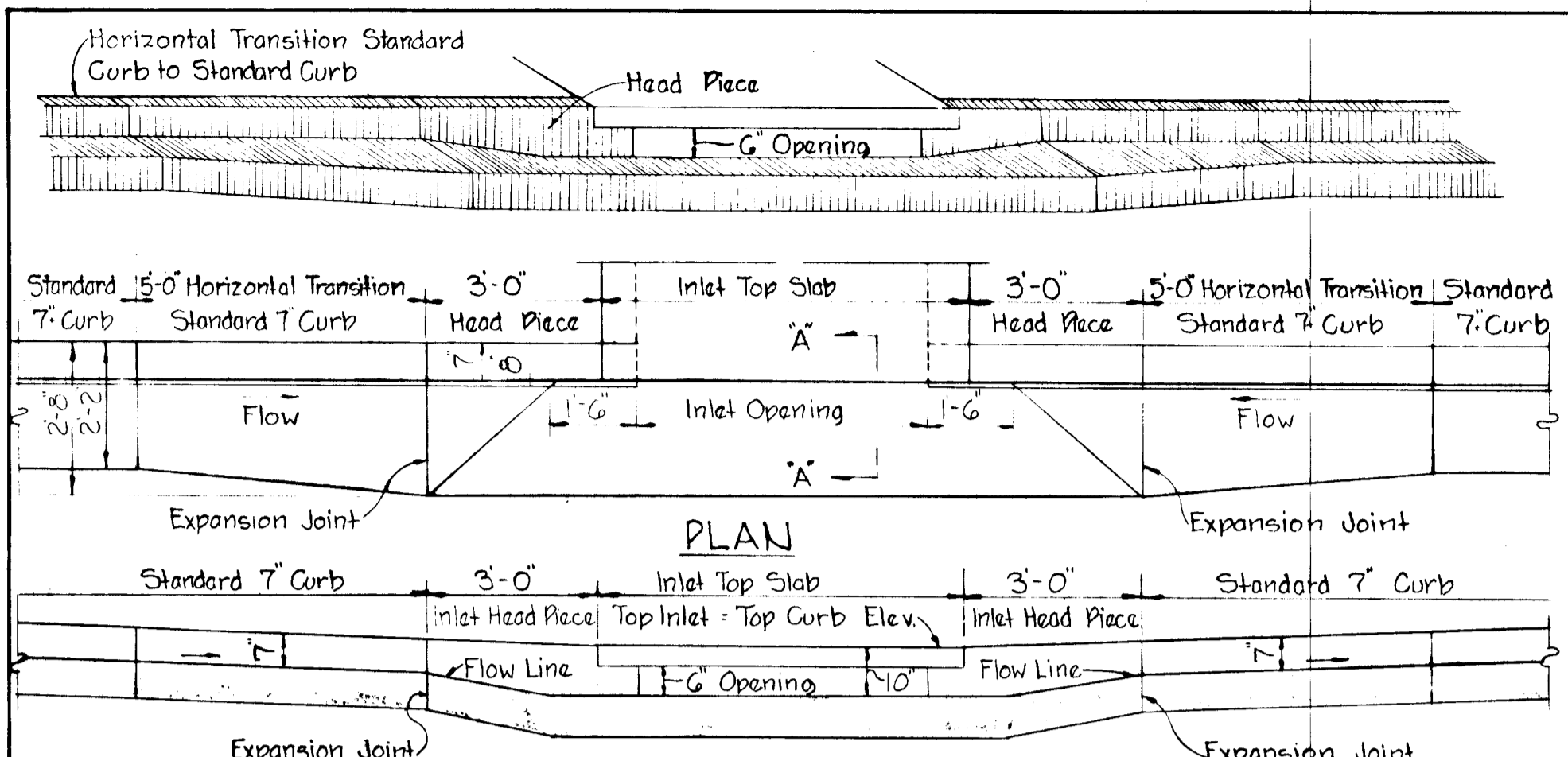


OPEN SPACE LOT GI

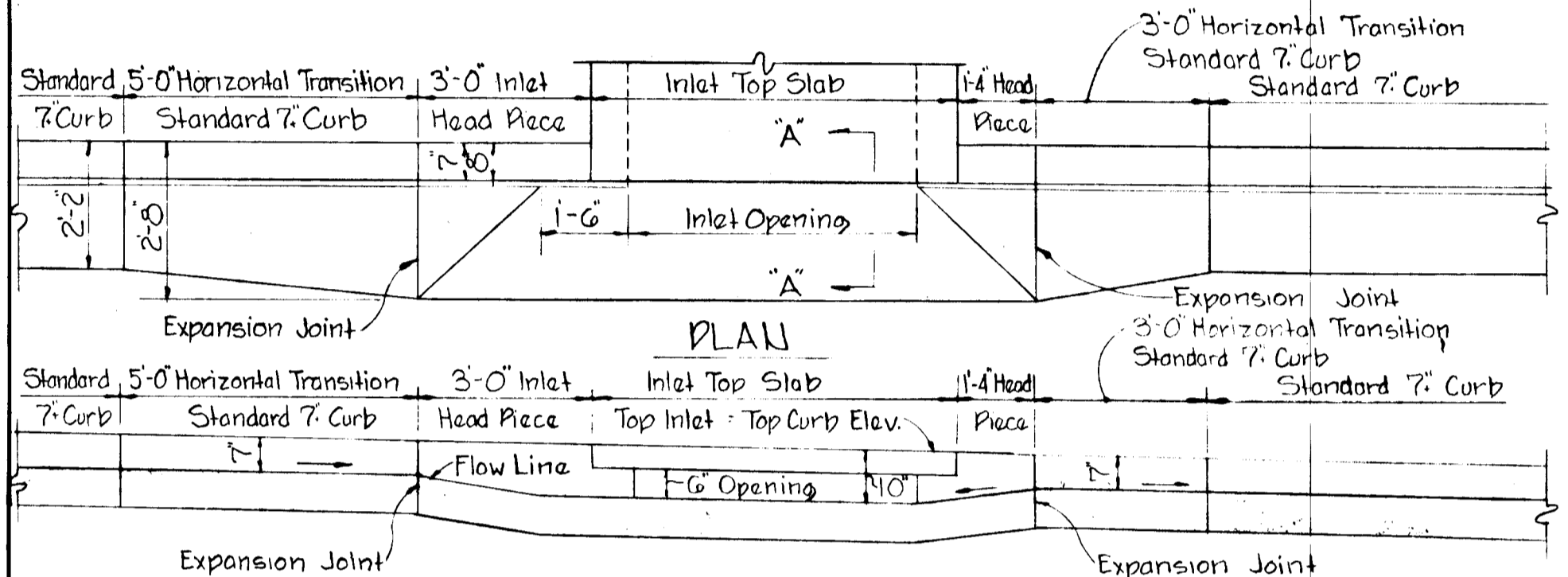
SMOOTH PATH

OPEN SPACE LOT GO

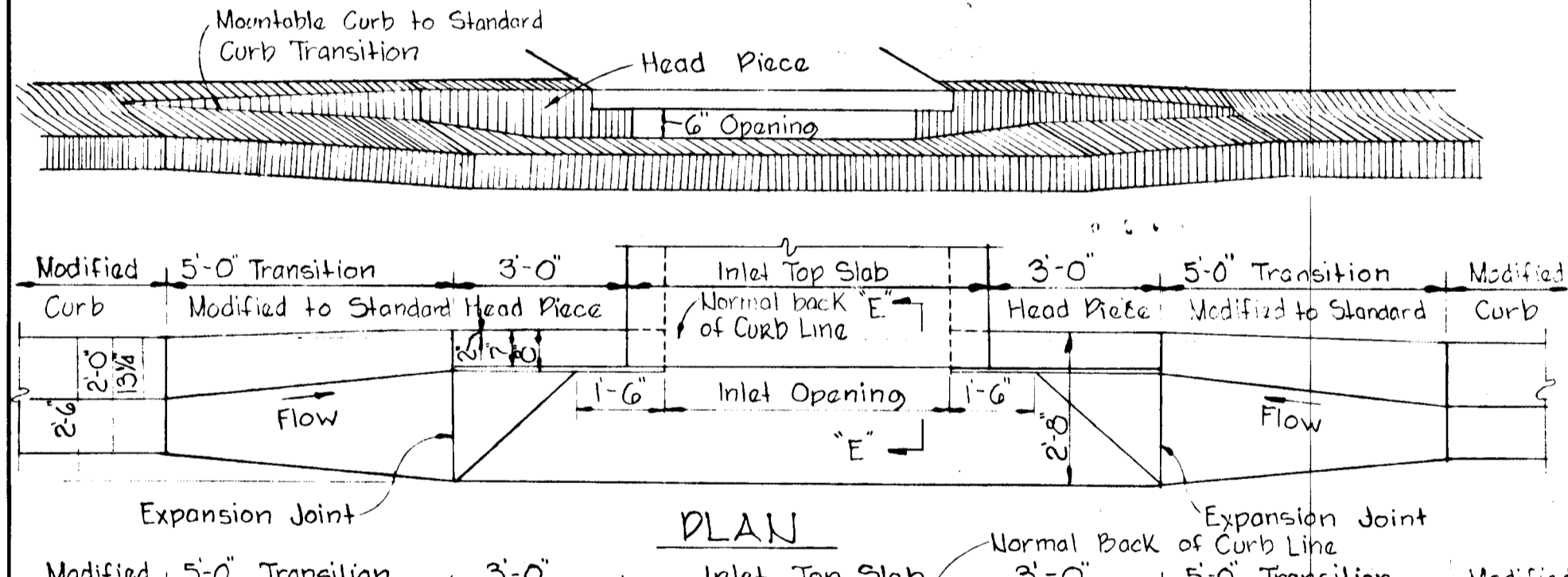
Rev. Date	Rev. No.	Revision Description
<b>COLUMBIA</b> COLLECTION DISTRICT HOWARD COUNTY, MARYLAND OWNER AND DEVELOPER HOWARD RESEARCH AND DEVELOPMENT CORP.		
PROJECT AREA <b>VILLAGE OF OWEN BROWN</b> SECTION 1, AREA 2 RESUBDIVISION OF LOTS 3, 4, 7 AND PARCEL "C" PROJECT TITLE STORM DRAIN PROFILES CRADLEROCK WAY, HONEYLADEN PLACE SMOOTH PATH, DANJO COURT		
SCALE: Hor: 1"=50', Vert: 1"=5'		DATE:
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS BALTIMORE, MARYLAND 21202		
Kenneth A. McCord KENNETH A. MCCORD Registered Engineer No. 1974		



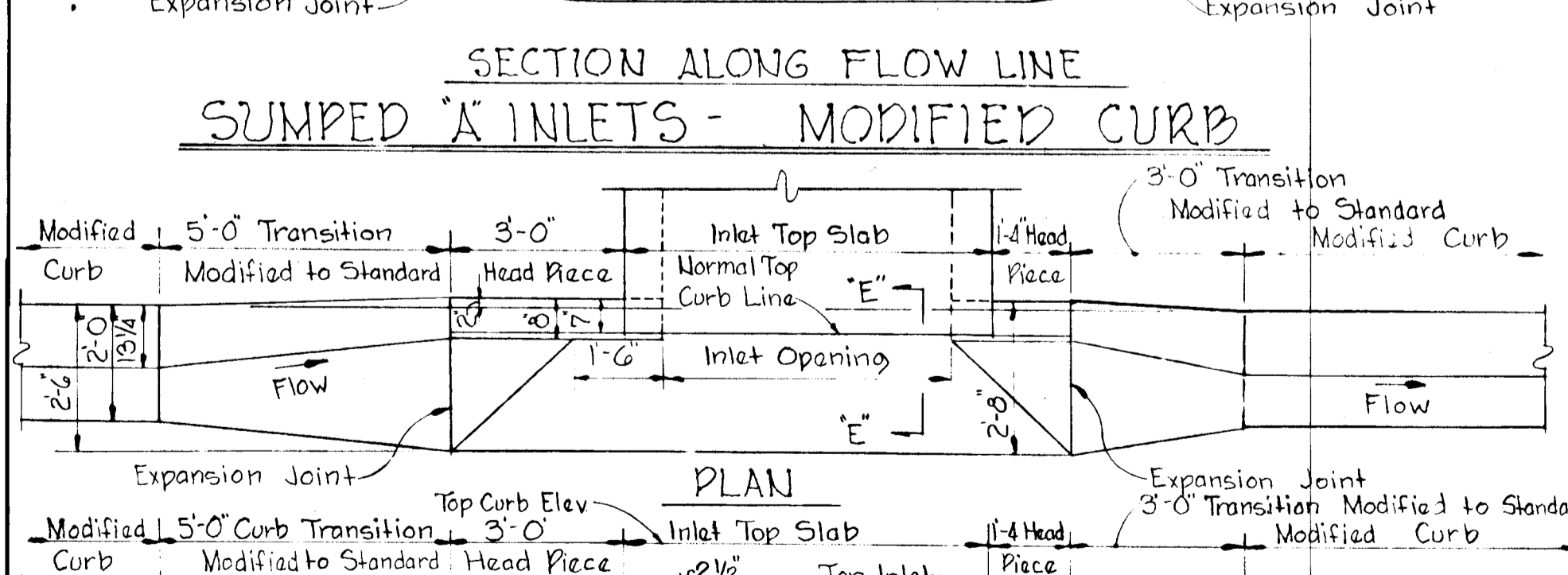
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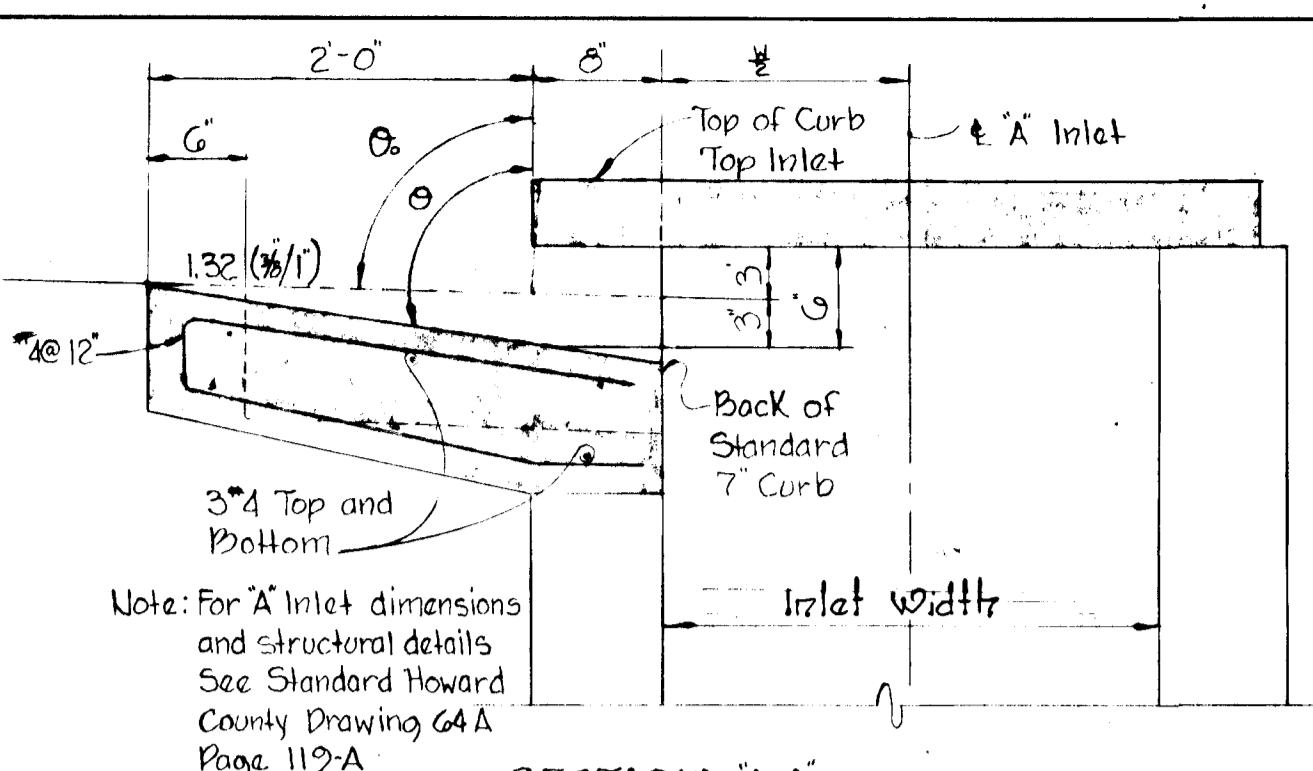
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**'A' INLETS - STANDARD CURB**



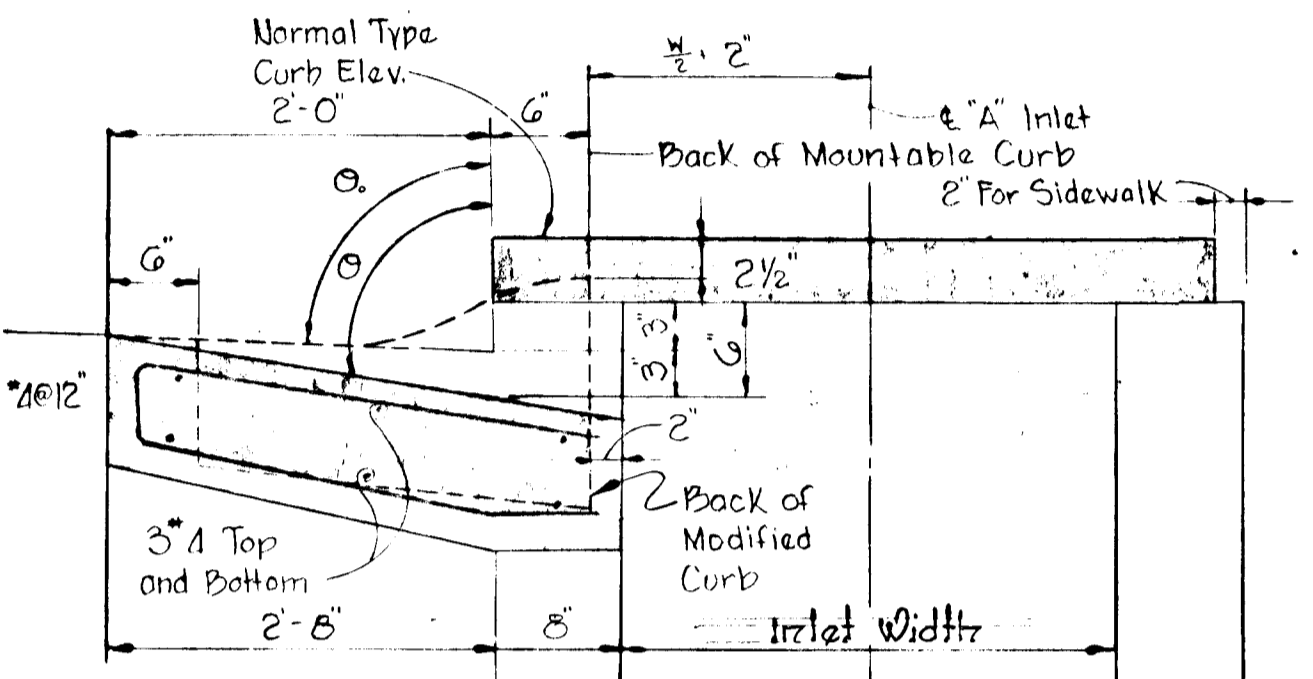
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**SUMPED 'A' INLETS - MODIFIED CURB**



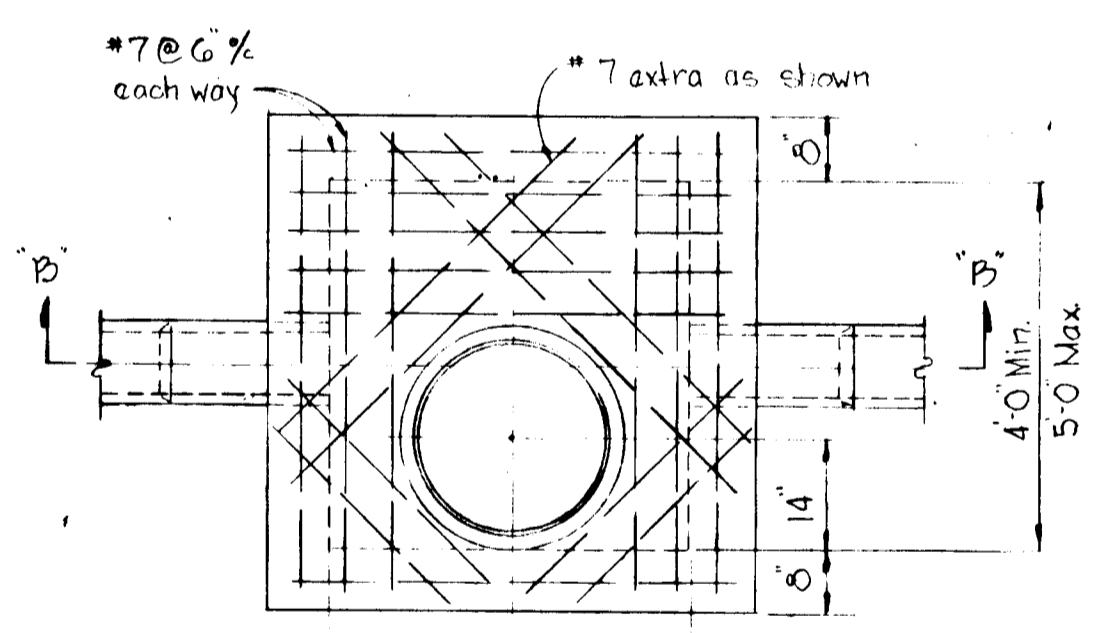
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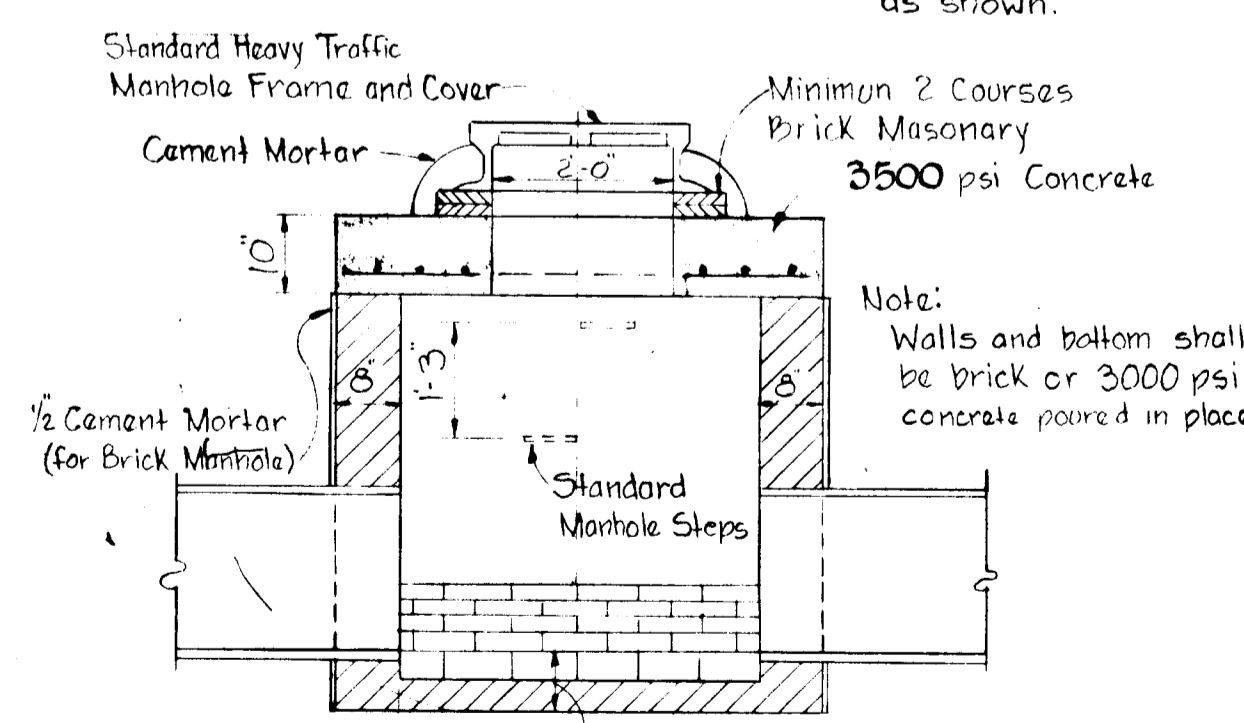
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**'A' INLET - STANDARD CURB**



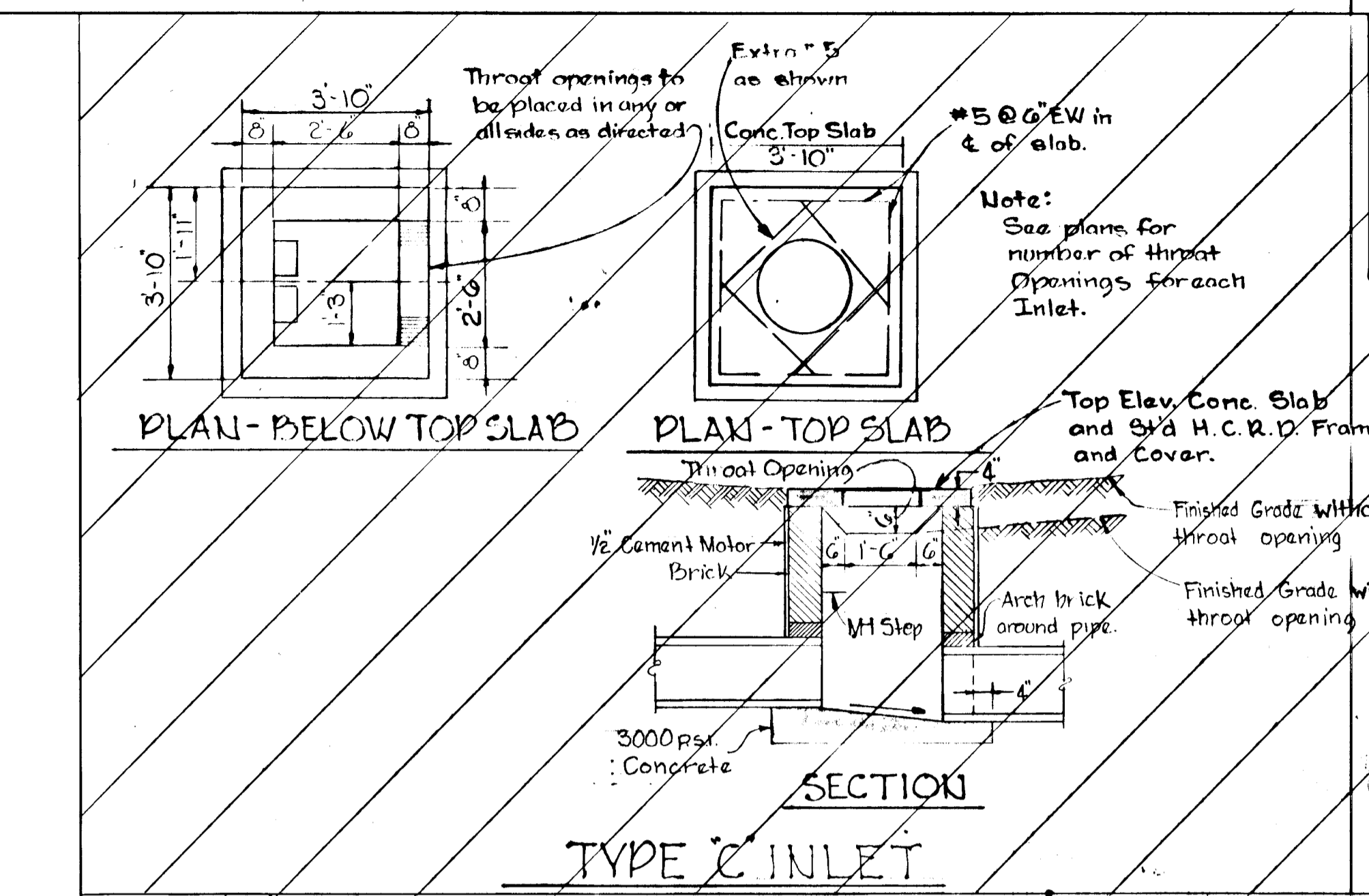
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**'A' INLET - MOUNTABLE CURB**



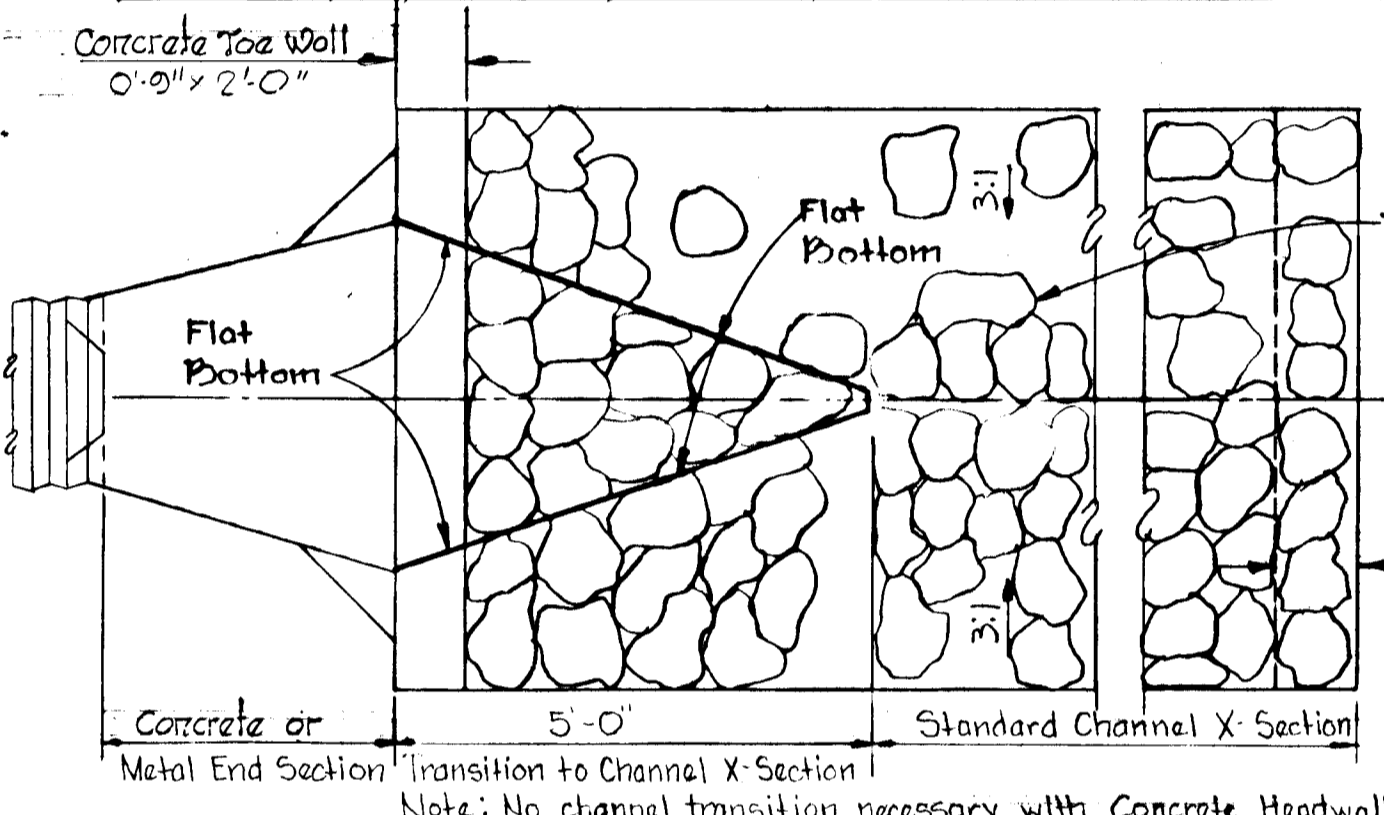
PLAN  
**TYPE 'B' MANHOLE**



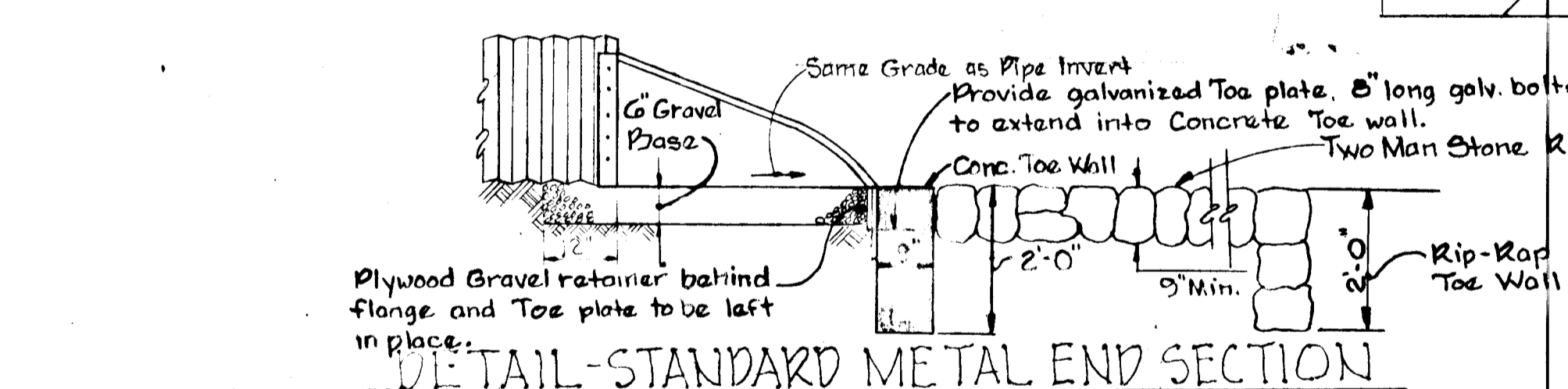
SECTION 'B-B'  
**TYPE 'B' MANHOLE**



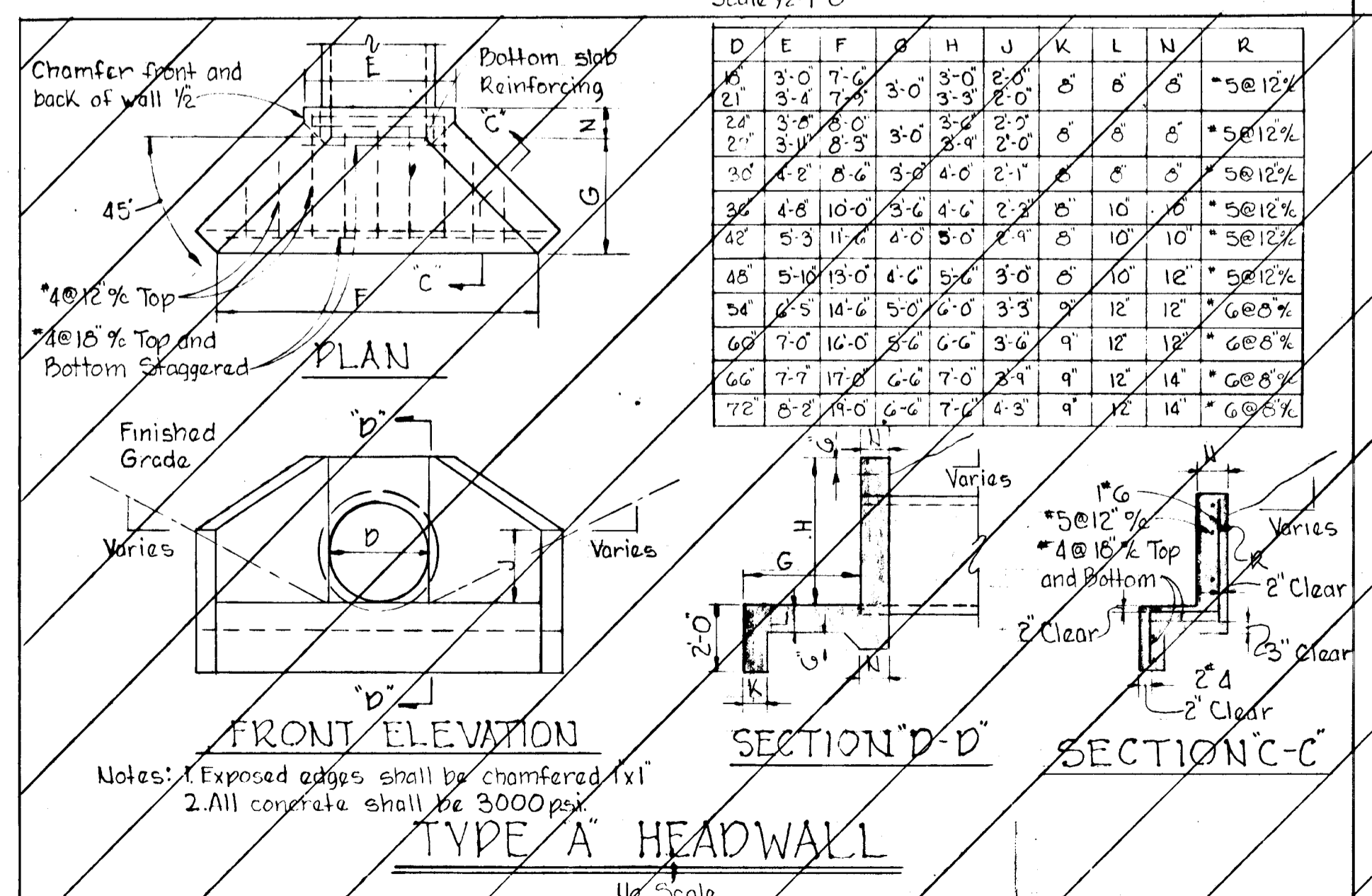
PLAN - BELOW TOP SLAB  
 PLAN - TOP SLAB  
 SECTION  
**TYPE 'C' INLET**



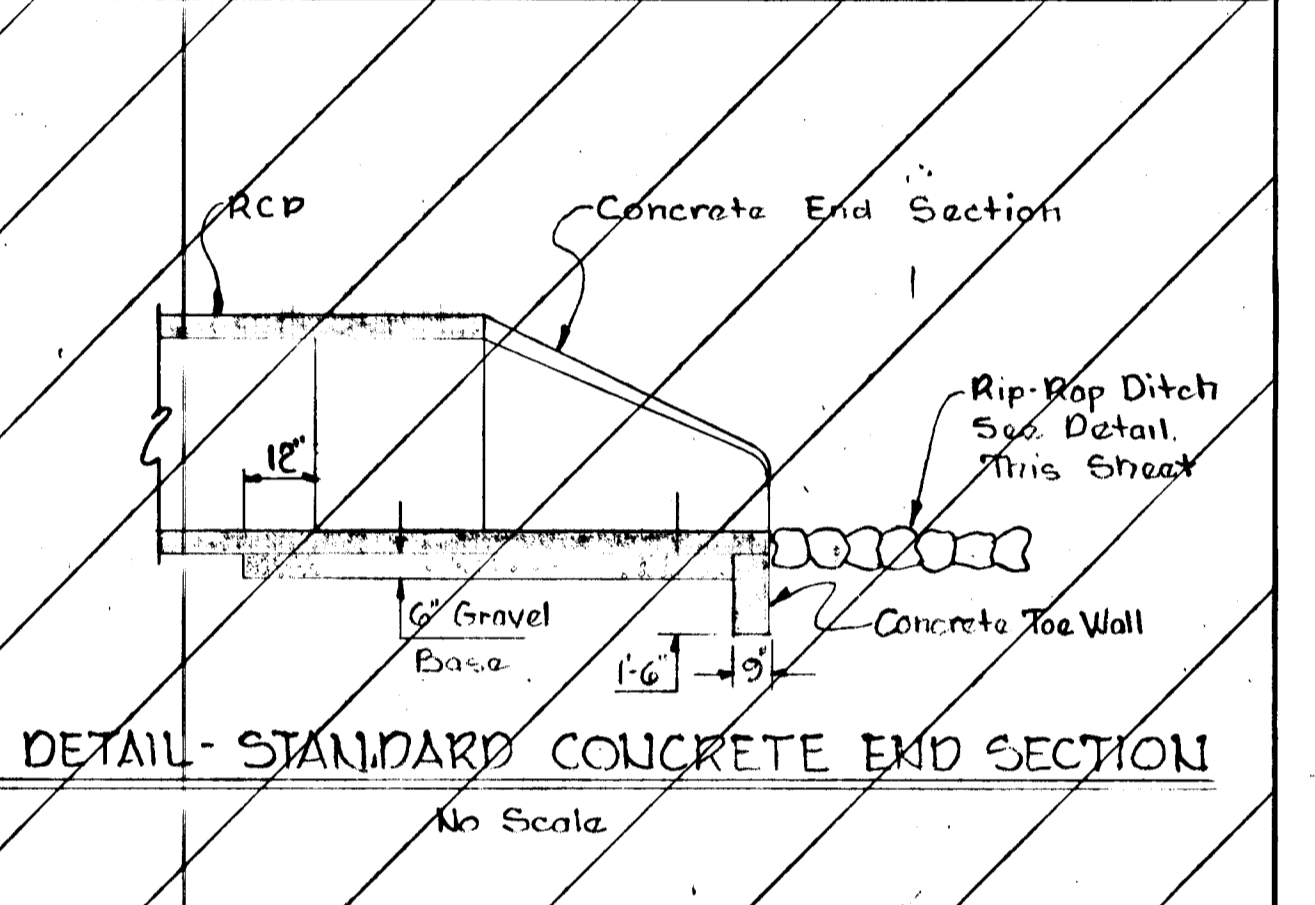
DETAIL - RIP RAP DITCH



DETAIL - STANDARD METAL END SECTION



FRONT ELEVATION  
 SECTION 'D-D'  
 SECTION 'C-C'  
**TYPE 'A' HEADWALL**



DETAIL - STANDARD CONCRETE END SECTION

DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE: 4/23/74  
 (Signature)

Rev. Date	Rev. No.	Revision Description

**COLUMBIA**  
 COLLECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER  
 HOWARD RESEARCH AND DEVELOPMENT CORP.

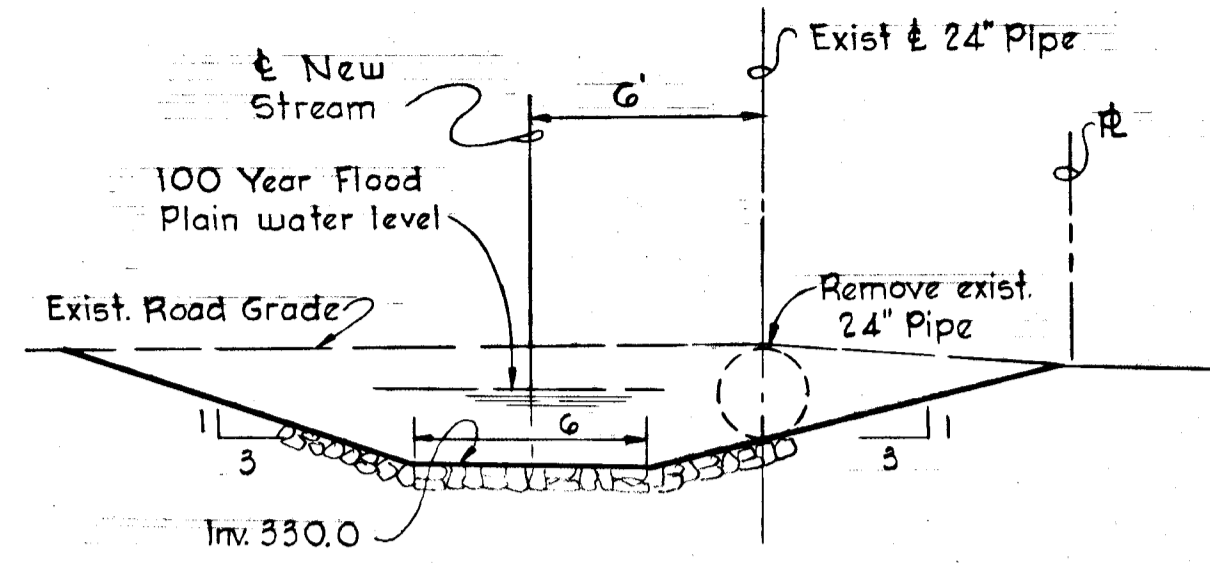
PROJECT AREA  
**VILLAGE OF OWEN BROWN**  
 SECTION 1, AREA 2  
 RESUBDIVISION OF LOTS 3, 4, 7 AND PARCEL 'C'  
 PROJECT TITLE

**STORM DRAIN DETAILS**

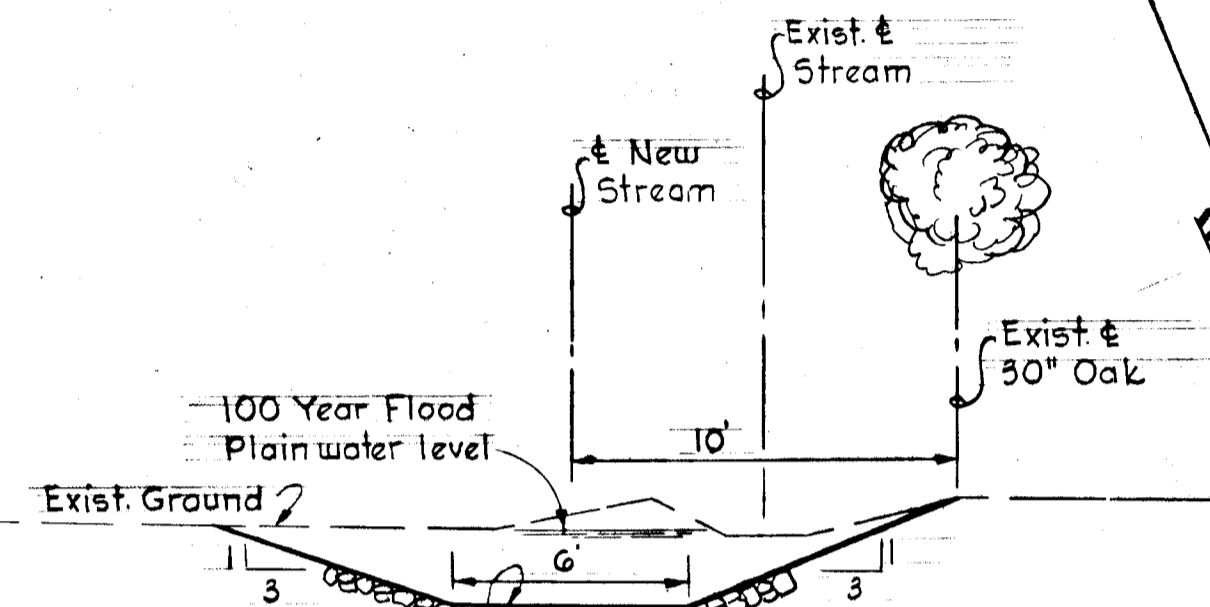
SCALE: AS SHOWN DATE:

WHITMAN, REARDY & ASSOCIATES  
 ENGINEERS  
 BALTIMORE, MARYLAND 21202

(Signature)  
 KENNETH A. MCCOY  
 Registered Engineer  
 No. 1974

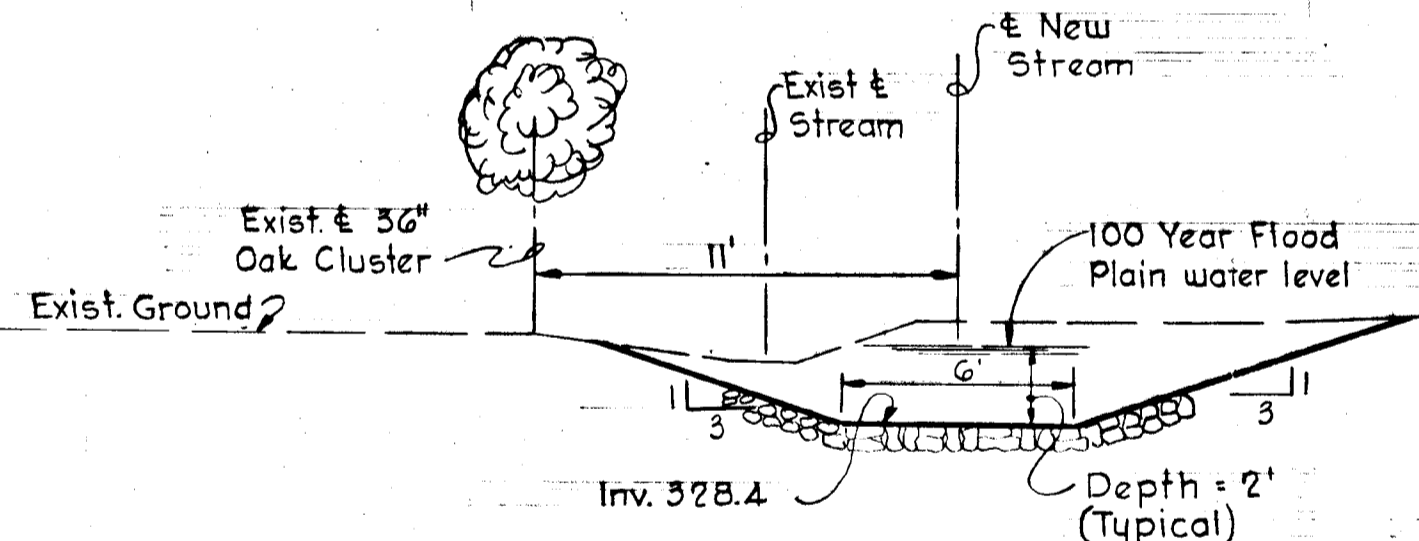


SECTION "D-D"

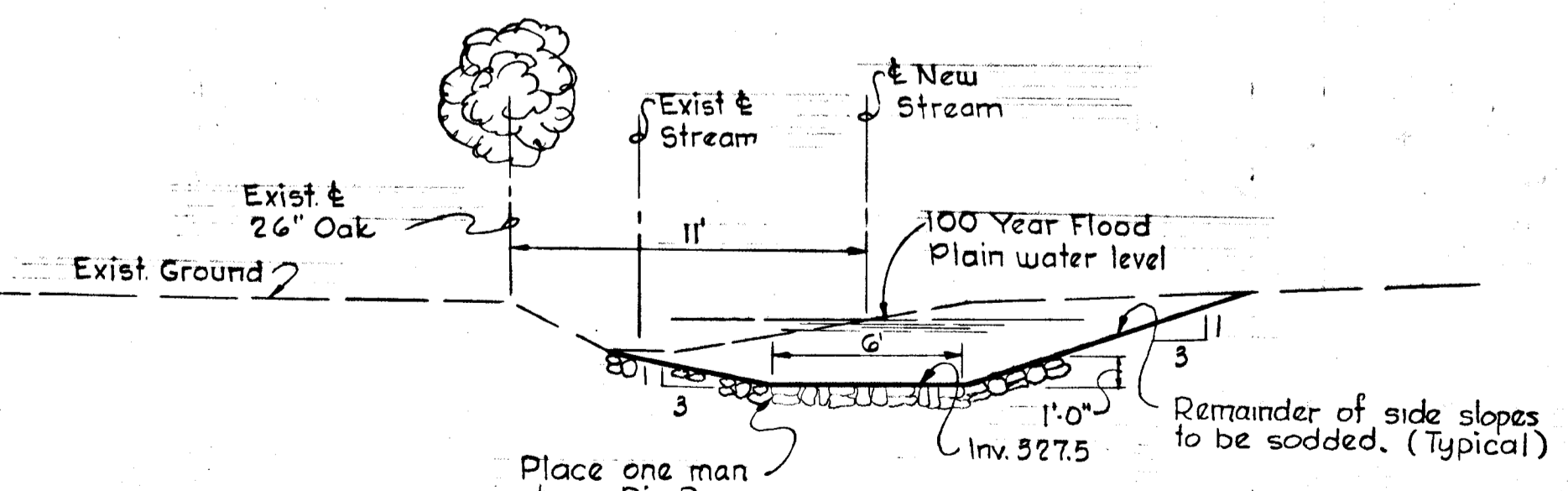


SECTION "C-C"

**NEW STREAM**  
 $Q_{100} = 228 \text{ cfs}$   
 $V = 9.1 \text{ fps}$

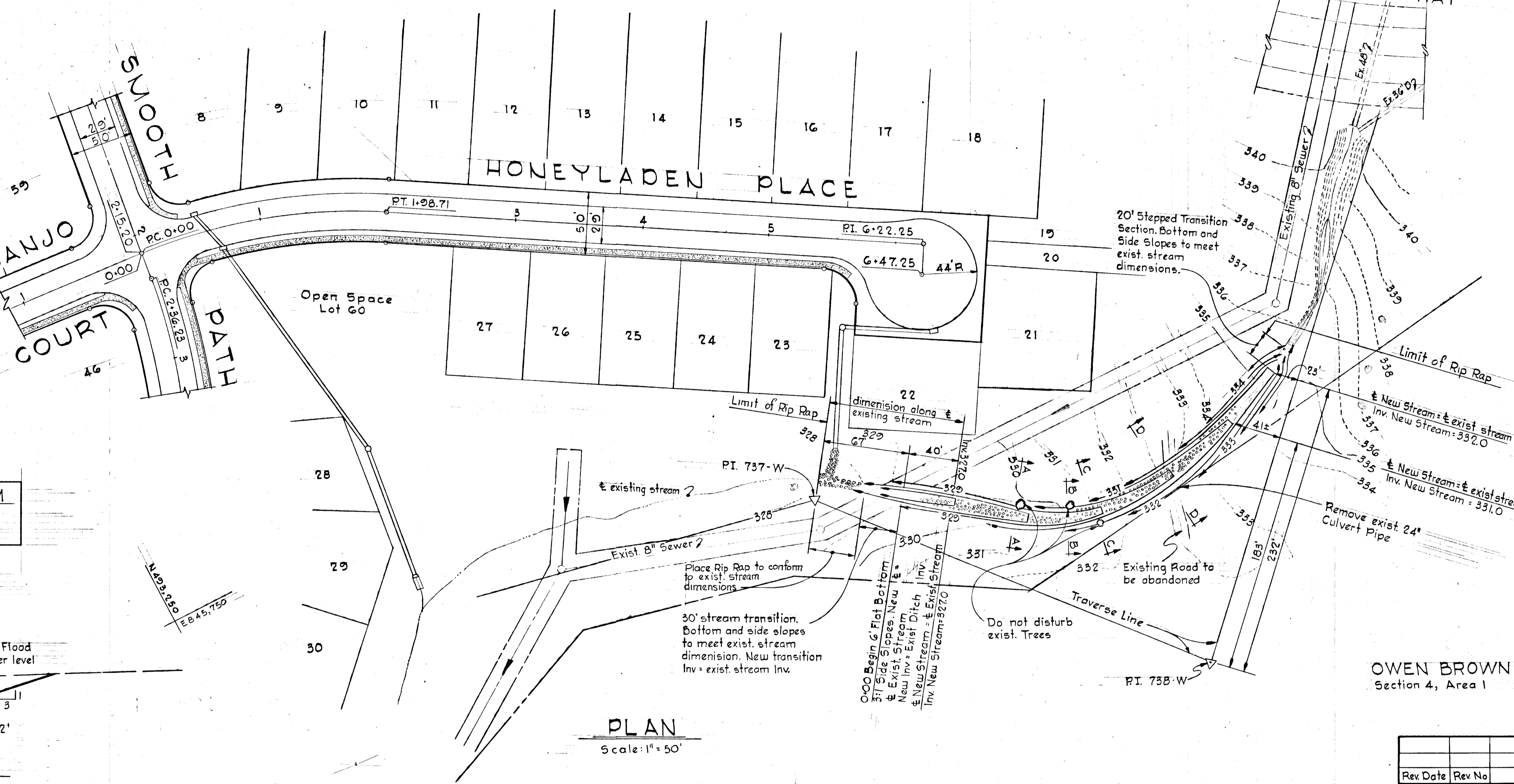


SECTION "B-B"

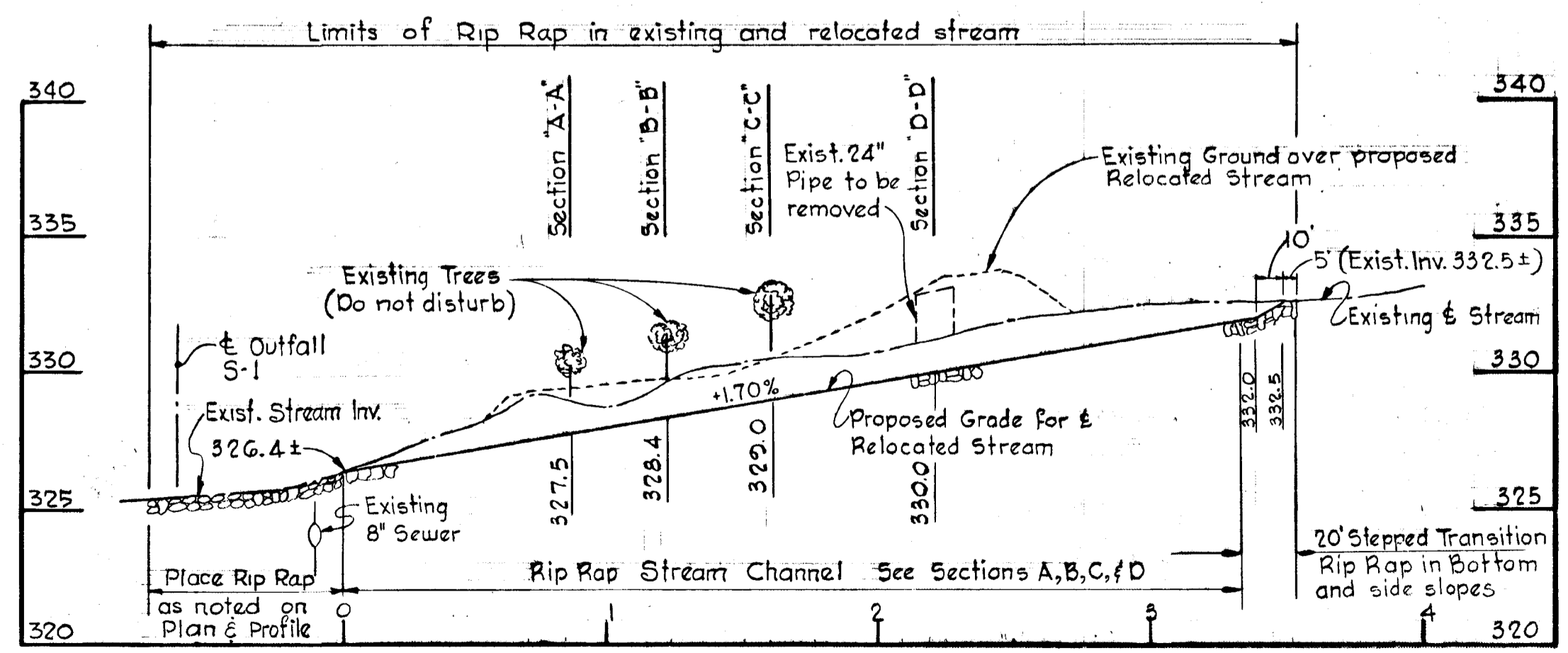


SECTION "A-A"

Stream Cross Sections Scale: Hor. 1" = 5'  
 Ver. 1" = 5'



PLAN  
 Scale: 1" = 50'



NEW STREAM PROFILE

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

APPROVED  
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 4/23/74  
*[Signature]*

OWEN BROWN  
 Section 4, Area 1

Rev. Date	Rev. No.	Revision Description
<b>COLUMBIA</b> 6 <sup>TH</sup> ELECTION DISTRICT HOWARD COUNTY, MARYLAND OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORP.		
PROJECT AREA <b>VILLAGE OF OWEN BROWN</b> SECTION 4, AREA 1 <b>RESUBDIVISION OF LOTS 3, 4, 7 AND PARCEL "C"</b>		
PROJECT TITLE <b>STREAM REALIGNMENT</b>		
Scale: AS SHOWN Date:		
WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS BALTIMORE, MARYLAND 21202		
<i>Kenneth A. McCord</i> KENNETH A. MCCORD Registered Engineer No. 1974		



**SEDIMENT CONTROL NOTES**

- All sediment controls must be constructed prior to any grading.
- No temporary sediment control structure may be removed or destroyed without approval of the Howard County Soil Conservation District.
- All areas to be seeded shall receive the following mixture: annual rye grass (20%) Kentucky Blue grass (20%) and Kentucky 31-fescue (60%) at the rate of 200#/Acre. Sow with mechanical spreader/rake minimum of two (2) passes with 'YorK Rake', cover and compact with cultipacker. Surface preparation to include ground limestone over topsoil surface area at the rate of 1 1/4 Ton/Acre (60#/1000<sup>2</sup>) commercial fertilizer (5-10-10) at the rate of 3/4 Ton/Acre (35#/1000<sup>2</sup>) superphosphate at the rate of 600#/Acre (15#/1000<sup>2</sup>).
- Mulch areas with straw @ rate of 75#/1000<sup>2</sup> or 15 Tons/Acre. Anchor with asphalt @ rate of 480 gallons/Acre.
- All inlet openings except sumped inlets shall be temporarily sealed with plywood during construction and prior to roadway paving. See Silt Trap Detail, (Sumped Inlets).
- Prior to starting grading, the contractor shall give 24 hrs notice to the Howard Soil Conservation District and the Howard County Bureau of Licenses, Inspections and Permits.
- All earthwork stockpiles that will not be disturbed for 3 weeks or longer, shall immediately after piling, be fertilized, limed and seeded with annual Rye grass at the rate of 1#/1000<sup>2</sup>.

**PERMANENT SEEDING**

Lime: 2 Tons/Acre agricultural ground limestone  
 Fertilizer: 1000#/Acre (5-10-10)  
 Seeding: 100 lbs/Acre of the following:  
 20% Kentucky Blue Grass  
 20% Merion Blue Grass  
 55% Creeping Red Fescue  
 5% Redtop

Reviewed for Howard SCD  
 and meets Technical Requirements  
*James M. Helms* Date 5-7-74  
 Signature  
 U.S. Soil Conservation District

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

Approved *Robert W. Ziehm* Date 5-7-74  
 HOWARD SCD

**CERTIFICATION BY THE DEVELOPER**

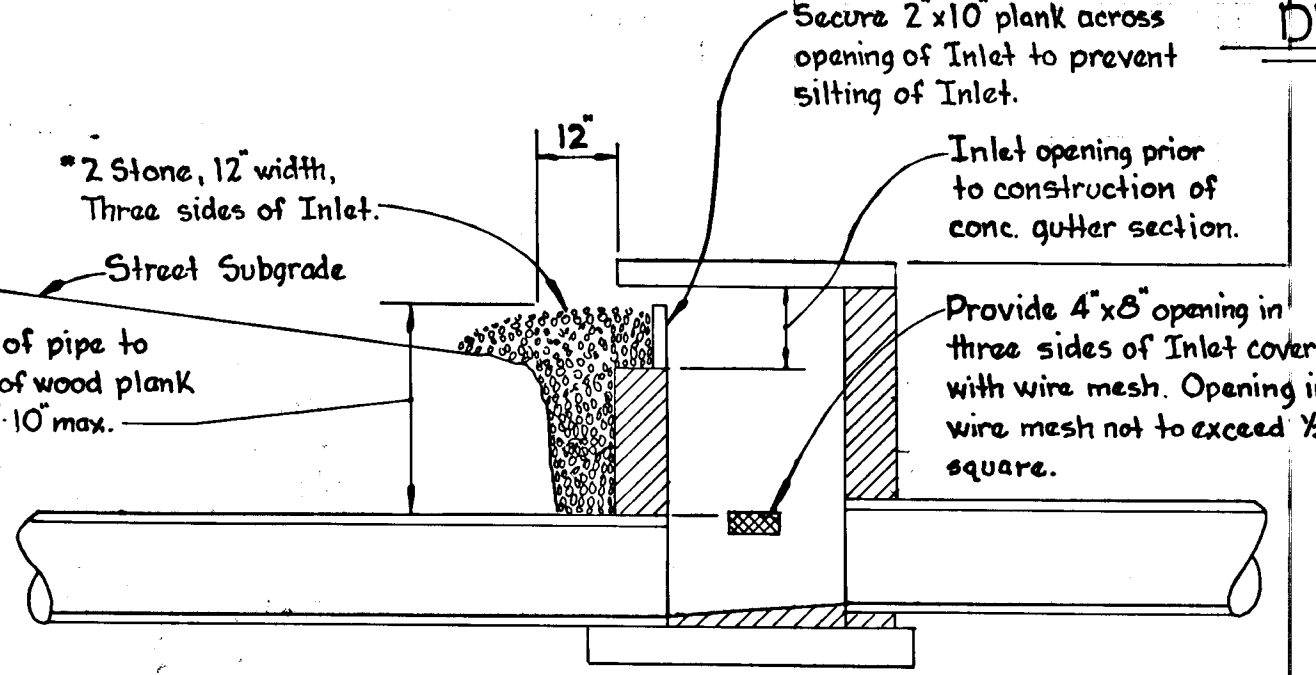
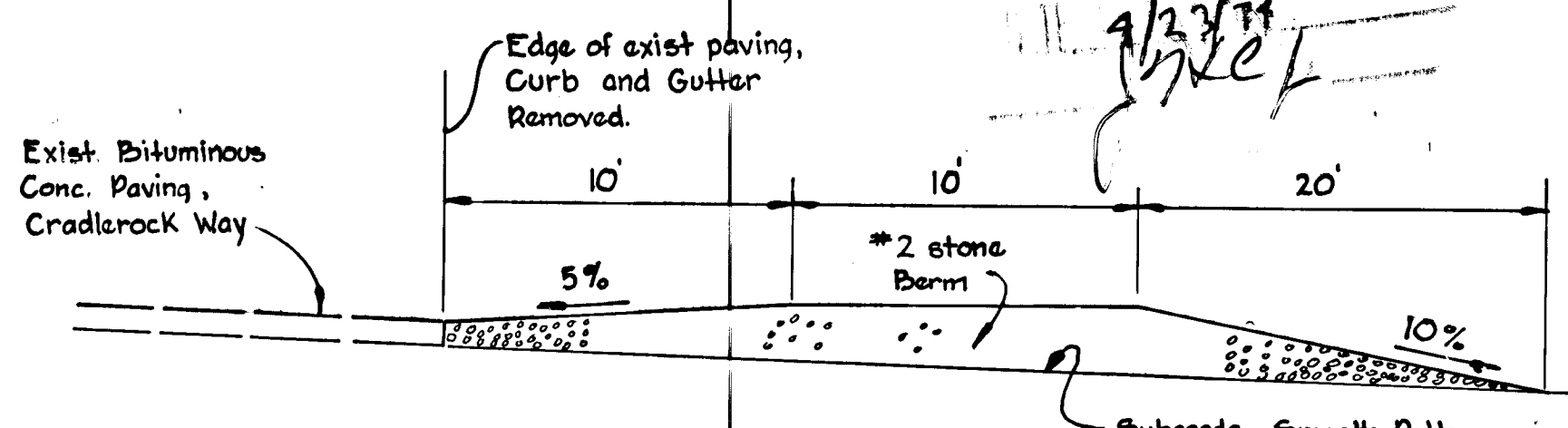
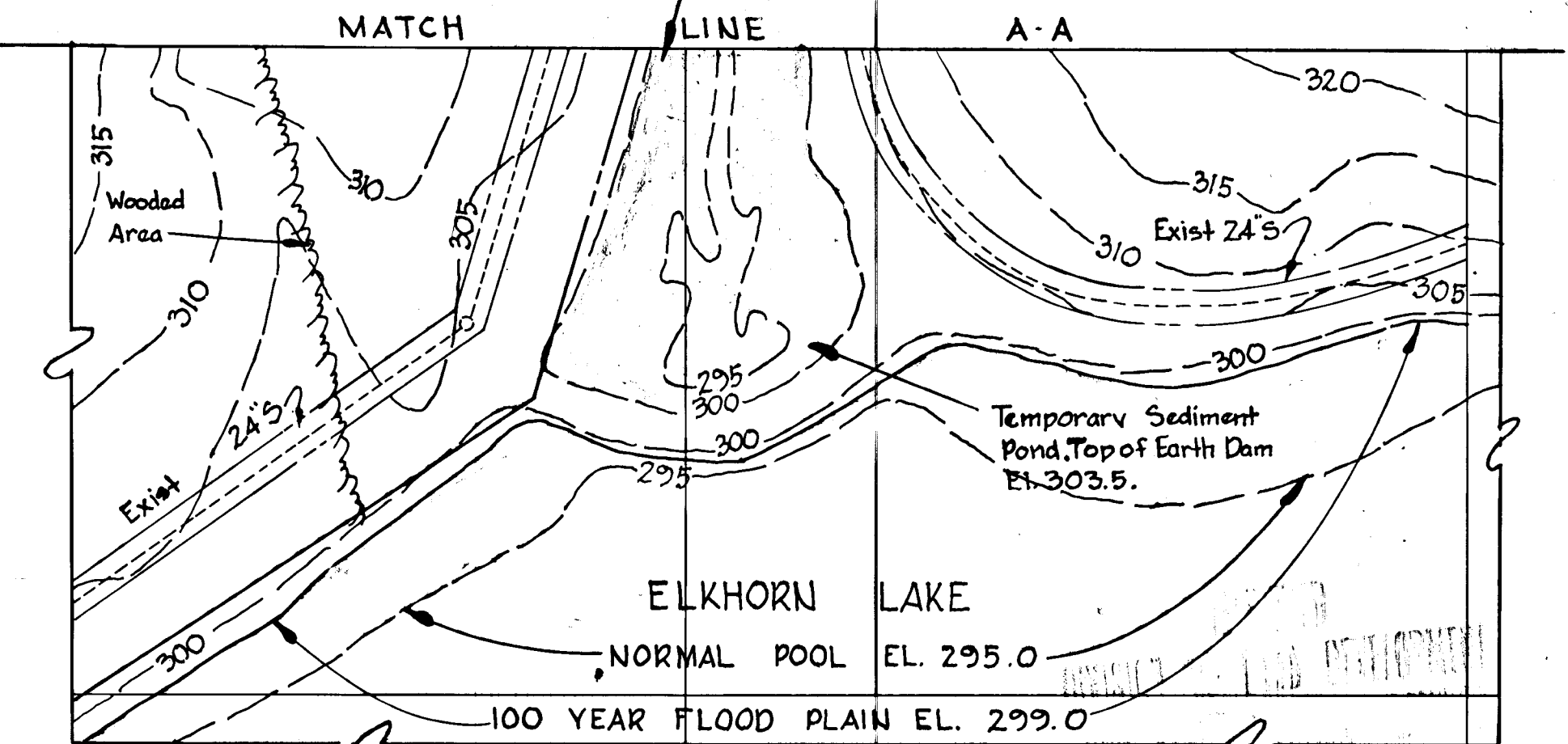
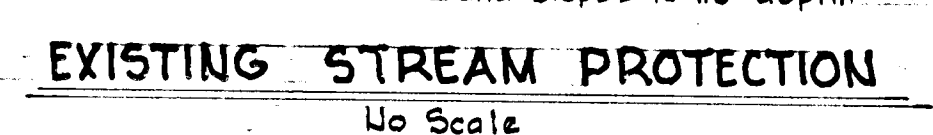
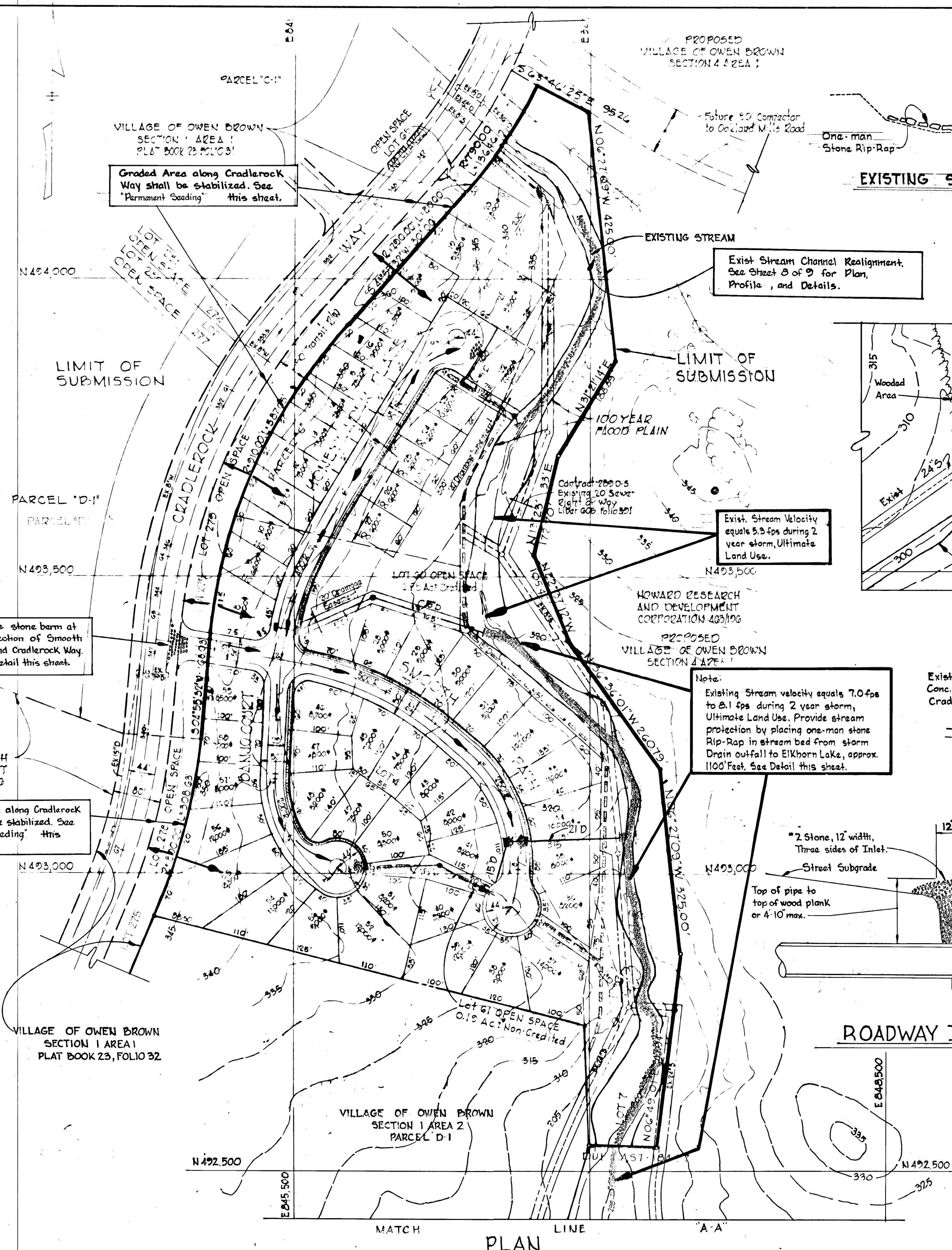
"I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by Howard Soil Conservation District or their authorized agents, as are deemed necessary deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

*John F. ...* Date April 28, 1974  
 Signature of Developer

**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*  
 Signature of Engineer Date



**DETAIL - STONE BERM**  
 No Scale

**ROADWAY INLET DETAIL**  
 No Scale

Note: All Storm Drain Inlets shall be capped and remained capped until their respective watersheds are stabilized. See Roadway Inlet Detail. All graded areas shall be stabilized immediately after construction of same. See Sediment Control and Permanent Seeding Notes.

DEPARTMENT OF PUBLIC WORKS  
 W. O. ... 5-9-74  
 CHIEF, BUREAU OF HIGHWAYS DATE  
 OFFICE OF PLANNING AND ZONING  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING DATE

Rev. No.	Rev. Date	Revision Description
3/5/74		Changed Inlet Silt Trap to Roadway Inlet Detail. Added Sediment Control Note.

**COLUMBIA**  
 6<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 OWNER AND DEVELOPER  
 HOWARD RESEARCH AND DEVELOPMENT CORP.

PROJECT AREA  
**VILLAGE OF OWEN BROWN**

PROJECT TITLE  
**SEDIMENT CONTROL DETAILS**  
 RESUBDIVISION OF LOTS AREA 2 AND PARCEL 'C'  
 SCALE: Plan 1"=100' DATE

WHITMAN REQUARDT AND ASSOCIATES  
 ENGINEERS  
 BALTIMORE, MARYLAND 21202

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