

**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 HRS IN ADVANCE OF ANY CONSTRUCTION.
  3. STORM DRAINAGE TRENCHES WITHIN ROAD RIGHT-OF-WAYS SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
  4. ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
  5. CONTRACTOR TO NOTIFY THE HOWARD COUNTY INSPECTION AND SURVEY DIVISION AT LEAST 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TELEPHONE 792-7272.
  6. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION, CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE.
  7. ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES CURRENT REVISED EDITION.
8. All existing buildings to be razed or removed.
9. The grading indicated hereon is for road construction only. Future grading for development purposes will not create lots less than the minimum lot size allowed as defined in zoning regulation section 103 A. 67.

**Bench Marks:**

BM #1 Elev: 361.55  
Traverse station 2+109, 1/2" rebar set. For location see this sheet.

BM #2 Elev: 363.55  
Traverse station 2+108, 1/2" rebar set. For location see this sheet.

APPROVED

DEPARTMENT OF PUBLIC WORKS  
*Lawrence W. Wilson* 12/1/88  
CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED  
*Paul J. Seaman* 11/29/88  
CHIEF, Land Development Division DATE

APPROVED  
*William E. Ray* 12-2-88  
CHIEF, BUREAU OF ENGINEERING DATE

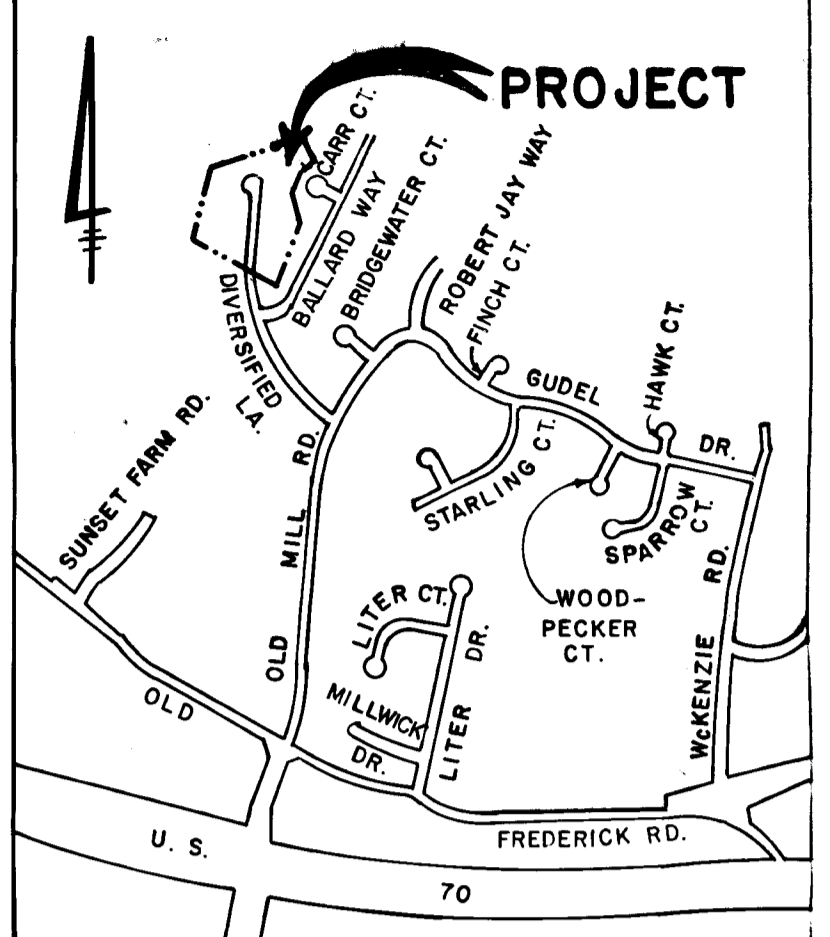
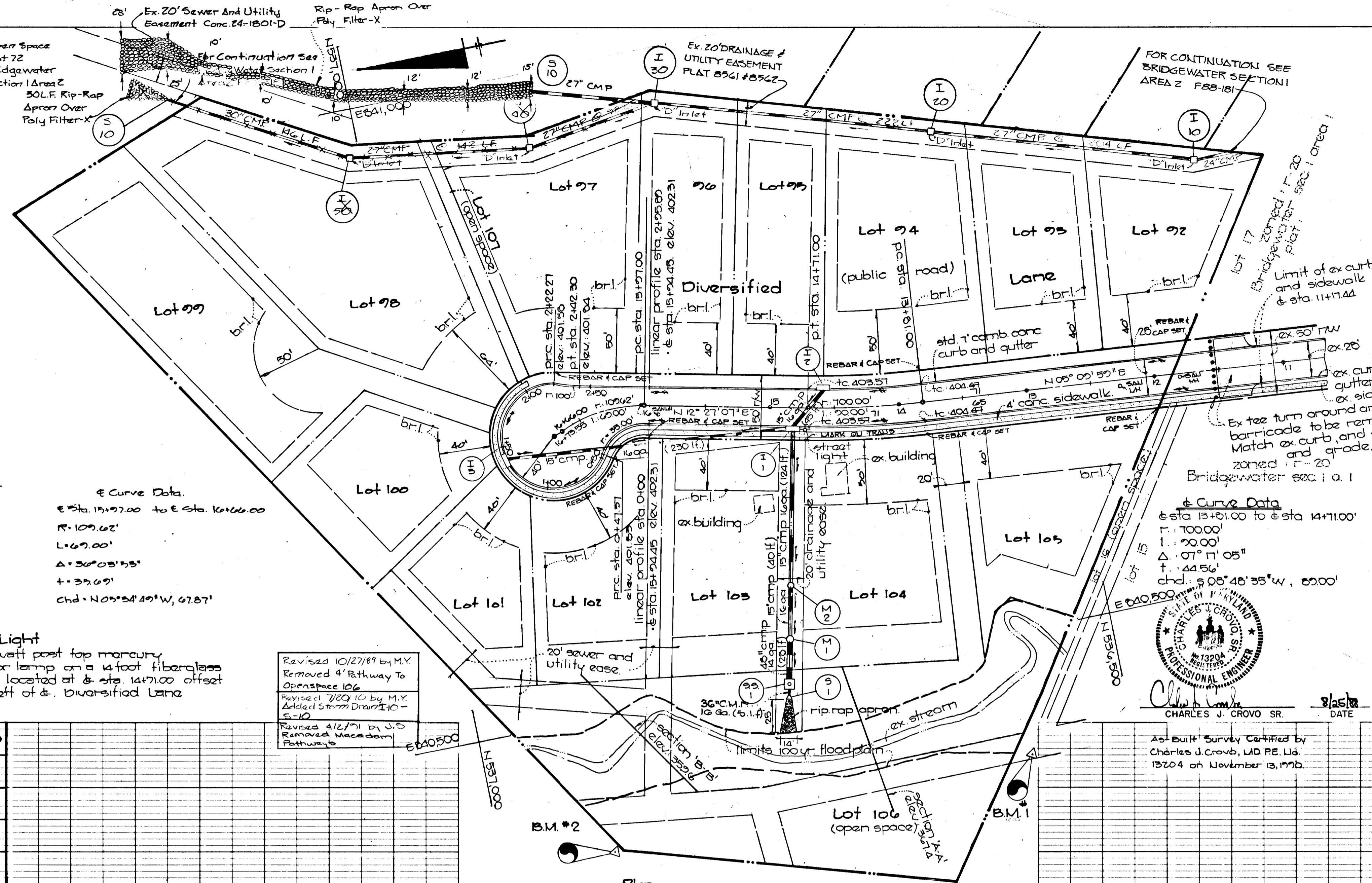
APPROVED  
*Harsha J. D. Campbell* 12-12-88  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

THE HORIZONTAL AND VERTICAL CONTROL IS BASED ON THE FOLLOWING HOWARD COUNTY CONTROL STATIONS:  
3440002 N 533543.800 E 837483.291  
341004-R N 532638.086 E 840720.782

**Curve Data**  
Sta. 13+27.00 to Sta. 14+11.00  
R=109.62'  
L=67.00'  
Δ=30°03'55"  
t=33.03'  
Chd.=N05°54'49"W, 67.87'

**Street Light**  
Type 'A' - 175 watt post top mercury vapor lamp on a 14 foot fiberglass pole located at & sta. 14+71.00 offset 6' left of & Diversified Lane

Revised 10/27/89 by M.Y. Removed 4' Pathway to Openness 106.  
Revised 1/20/90 by M.Y. Added Storm Drain 10-5-10.  
Revised 4/12/91 by J.S. Removed Macadam Pathway 6.



**BRIDGEWATER**  
SECTION 2  
LOTS 92-109  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

**Diversified Lane**  
Plan and Profile

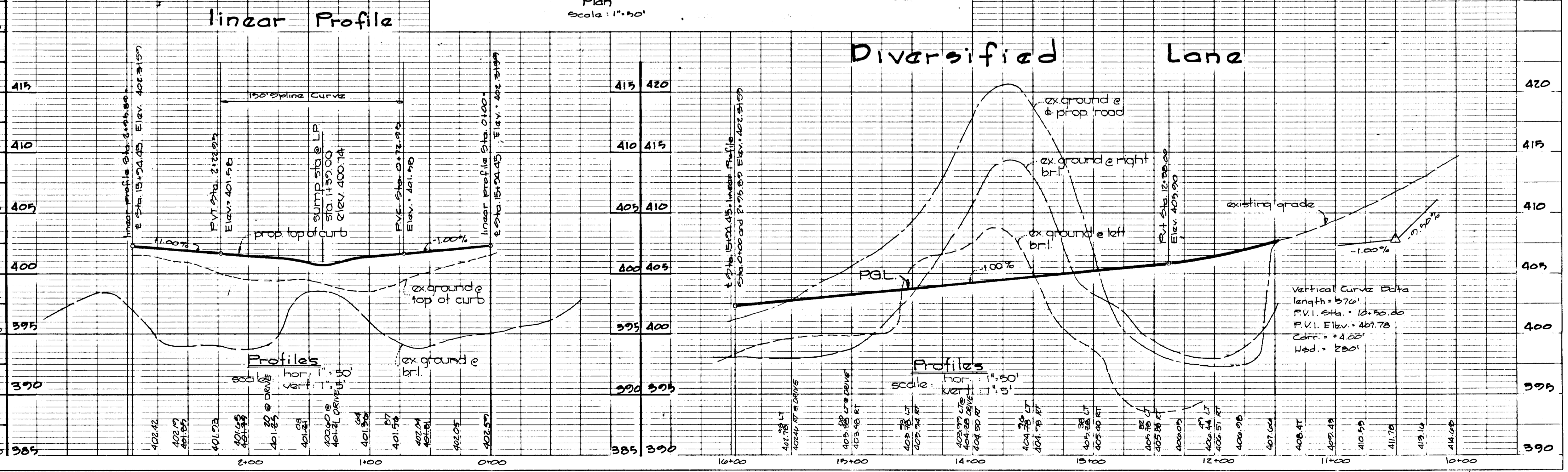
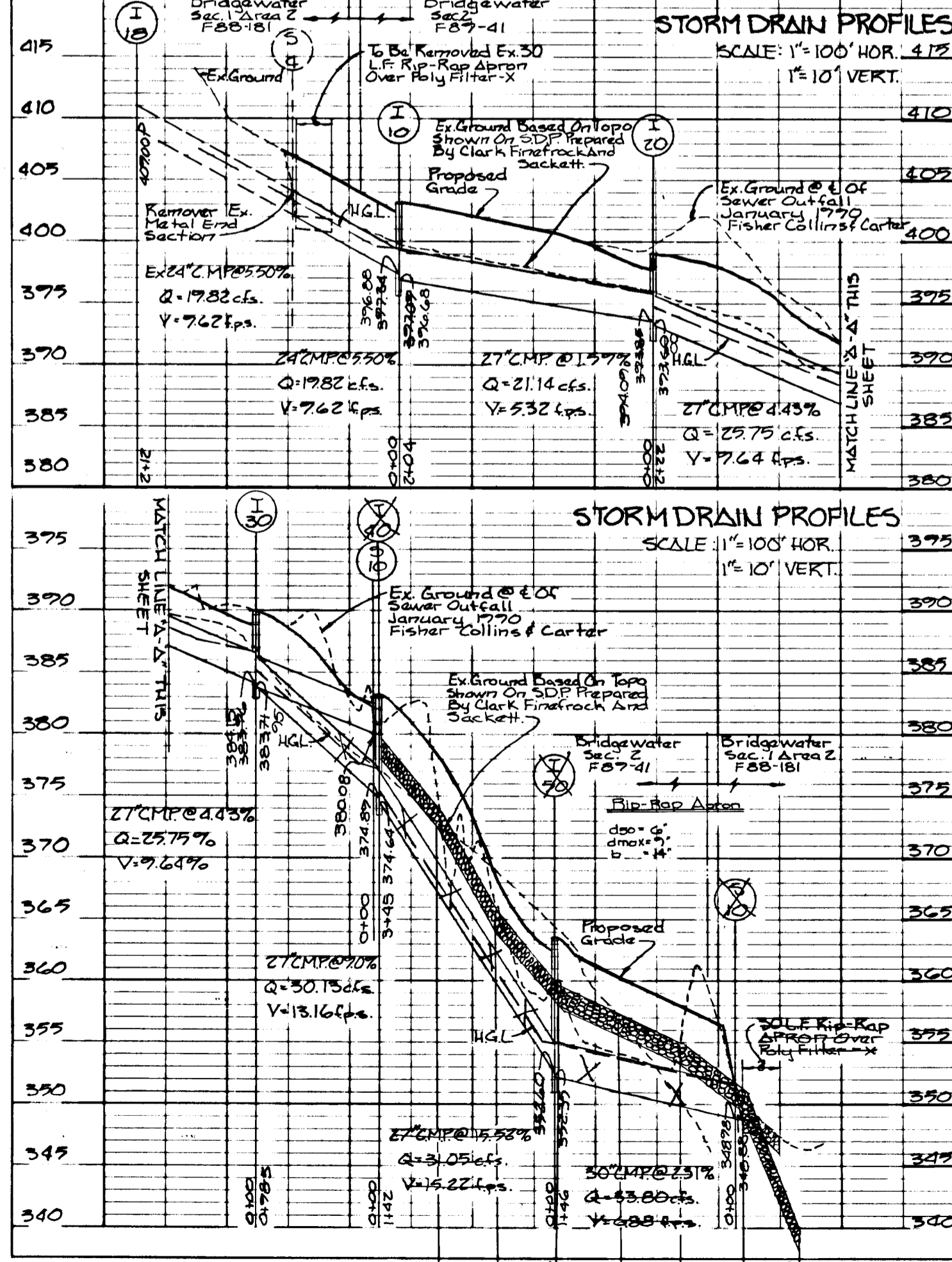
OWNER AND DEVELOPER  
Davis Property Partnership  
c/o Land Design and Development  
8307 Main Street  
Ellicott City Md. 21043

SCALE: SHOWN DATE 8-25-88 SHEET NO. 1 OF 3  
DES. K. FRALIC DRN. M. FORREST ENR. C. CROVO

**FISHER, COLLINS AND CARTER, INC.**  
CIVIL ENGINEERS AND LAND SURVEYORS  
8388 COURT AVE. ELICOTT CITY, MARYLAND 21043

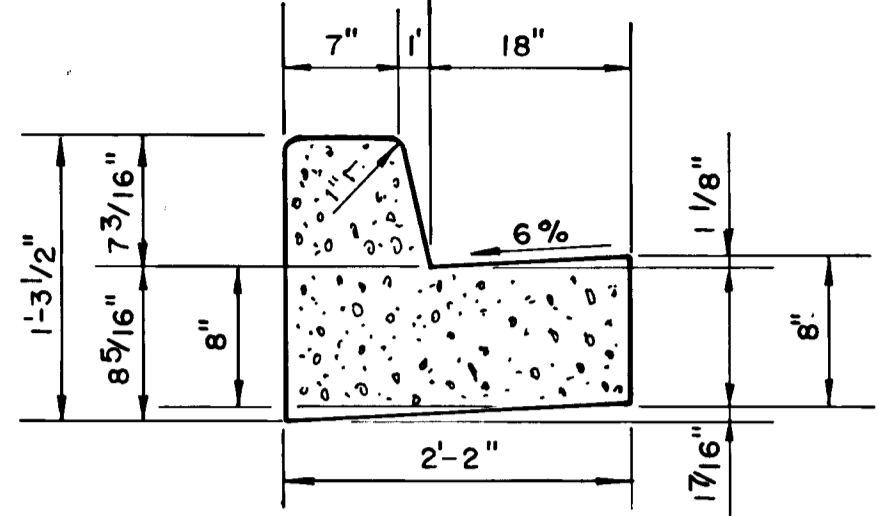
PROFESSIONAL ENGINEER  
CHARLES J. CROVO SR.  
13204  
DATE 8/25/88

As Built Survey Certified by Charles J. Crovo, L.D. P.E., L.S. 13204 on November 13, 1998.

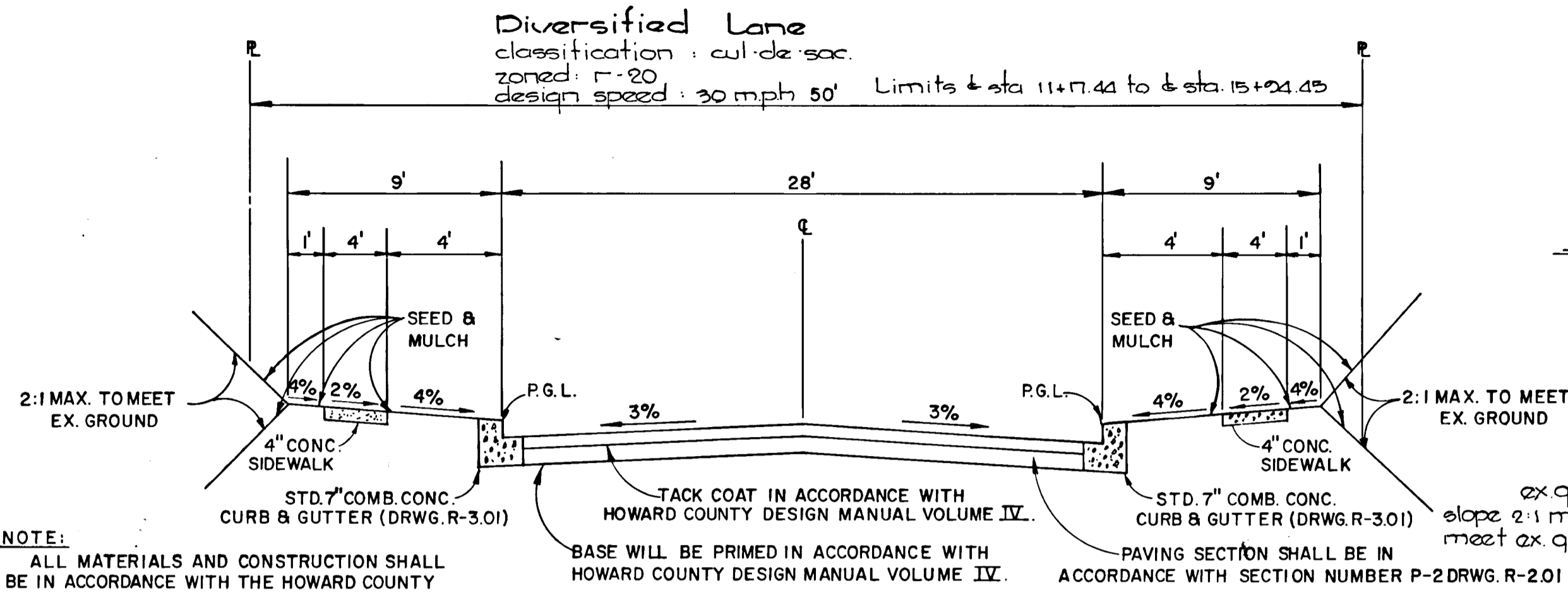


1356

PAVEMENT WIDTH INDICATED ON TYPICAL STREET SECTION TO BE MEASURED TO THIS POINT.

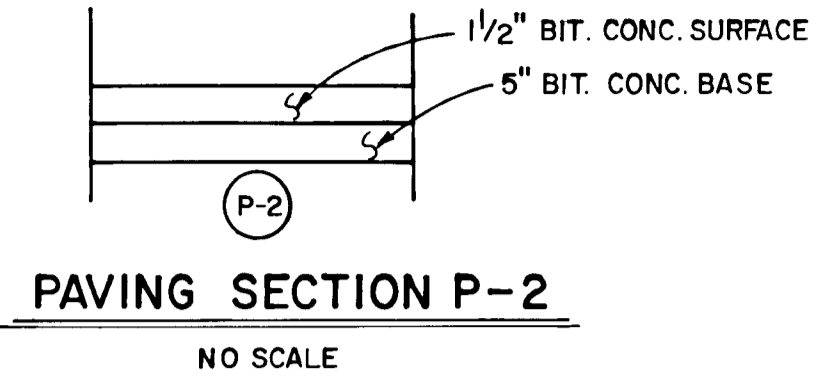


**STANDARD SLOPE 7" COMB. CONC. CURB & GUTTER**  
NO SCALE

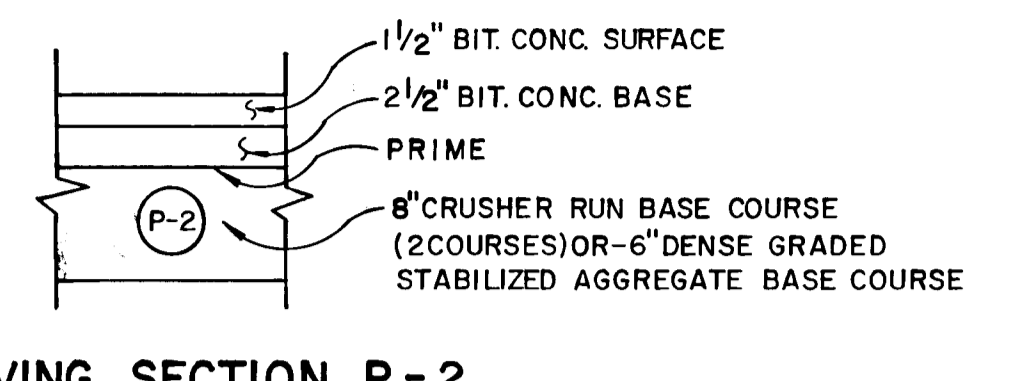


**NOTE:**  
ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL-VOLUME IX STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.

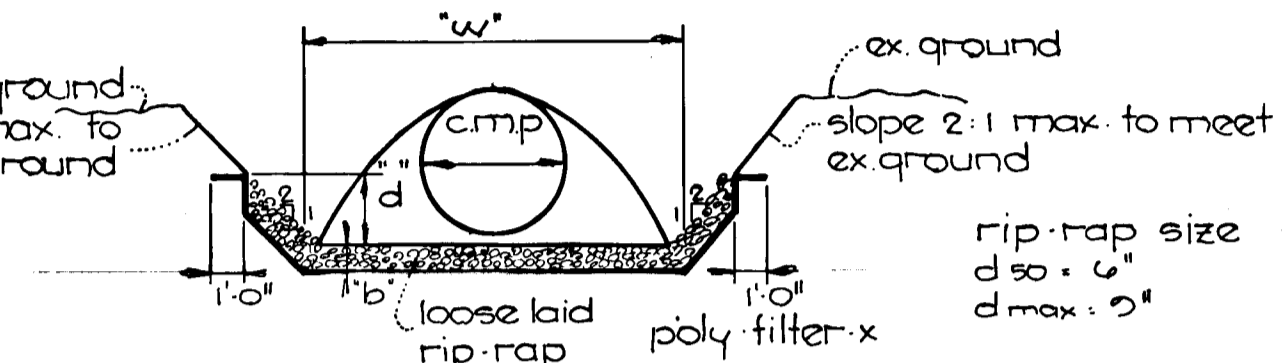
**TYPICAL ROADWAY SECTION**



**PAVING SECTION P-2**  
NO SCALE

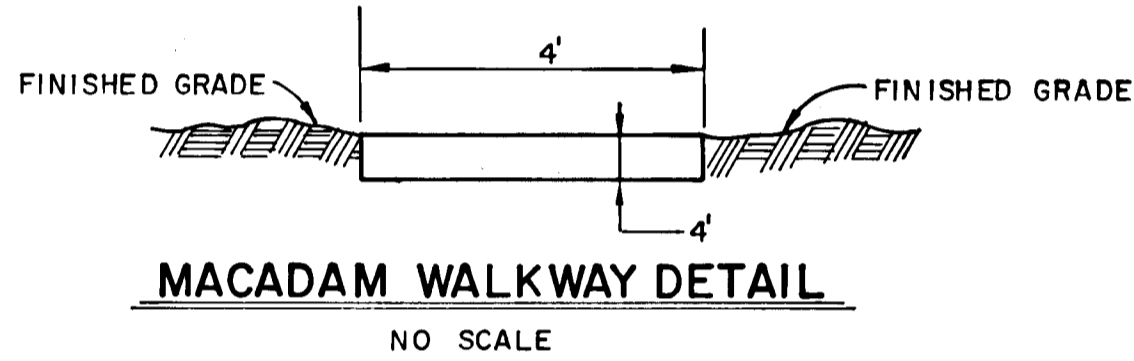


**PAVING SECTION P-2**  
NO SCALE

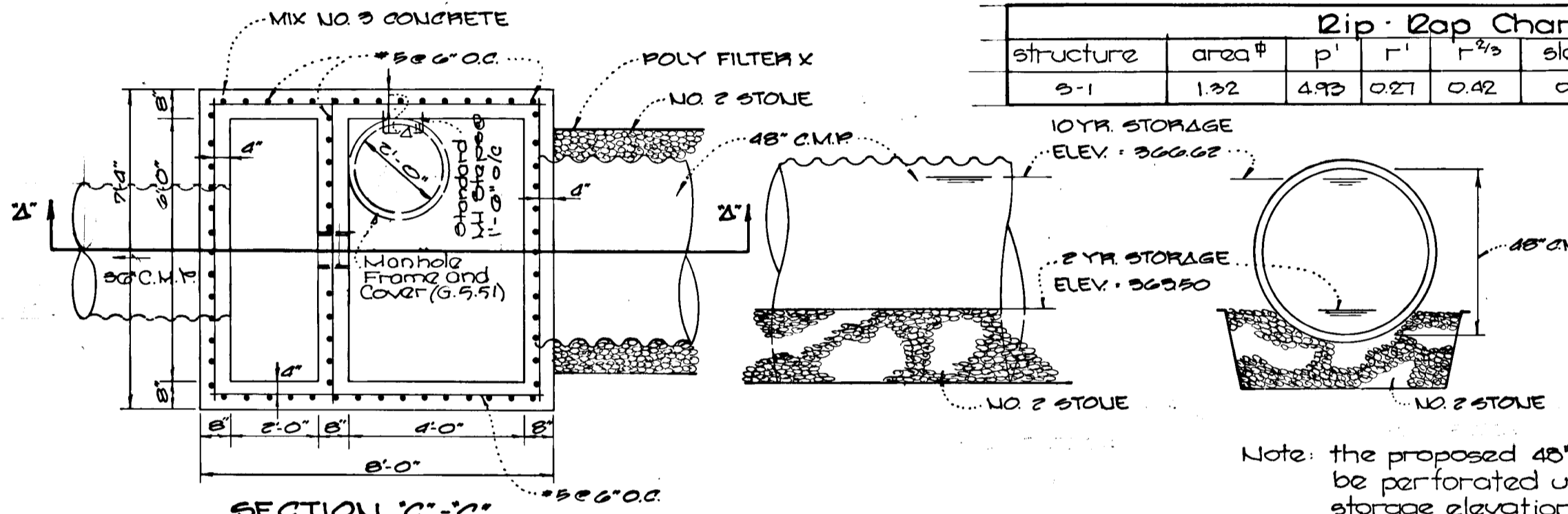


**Zip-Rap Channel Detail**  
not to scale.

structure	area <sup>2</sup>	p'	r'	r <sup>2</sup>	slope	slope <sup>2</sup>	n.	q.	v.	d	w	b
2-1	1.32	4.93	0.27	0.42	0.00%	0.00%	0.04	3.25	0	0.32	15'	14"

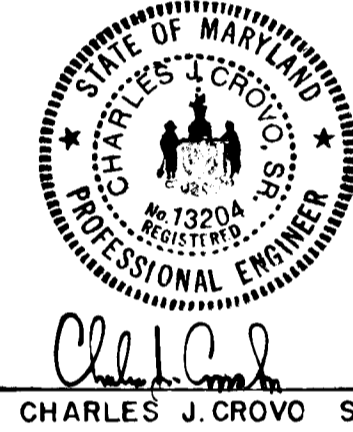


**MACADAM WALKWAY DETAIL**  
NO SCALE

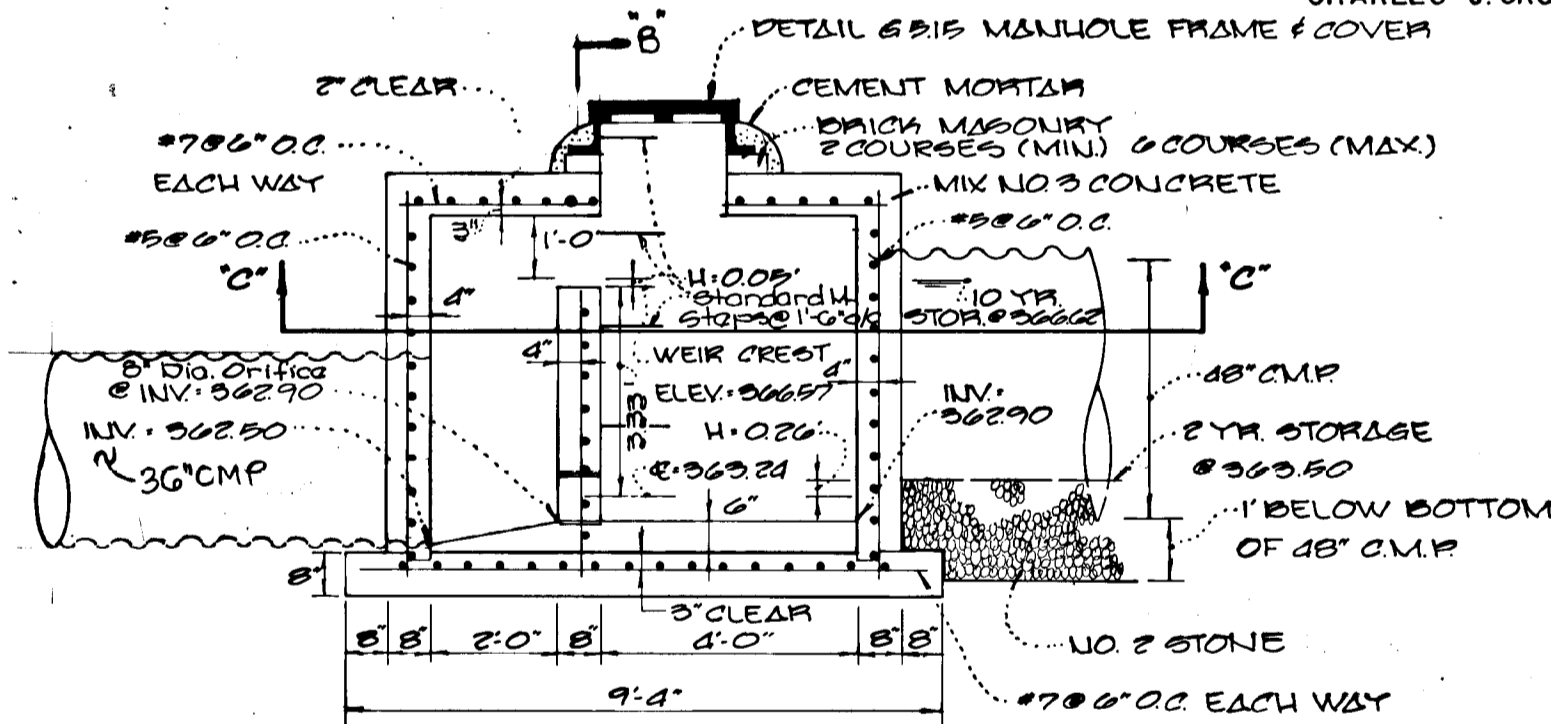


**SECTION C-C'**  
Structure 95-1

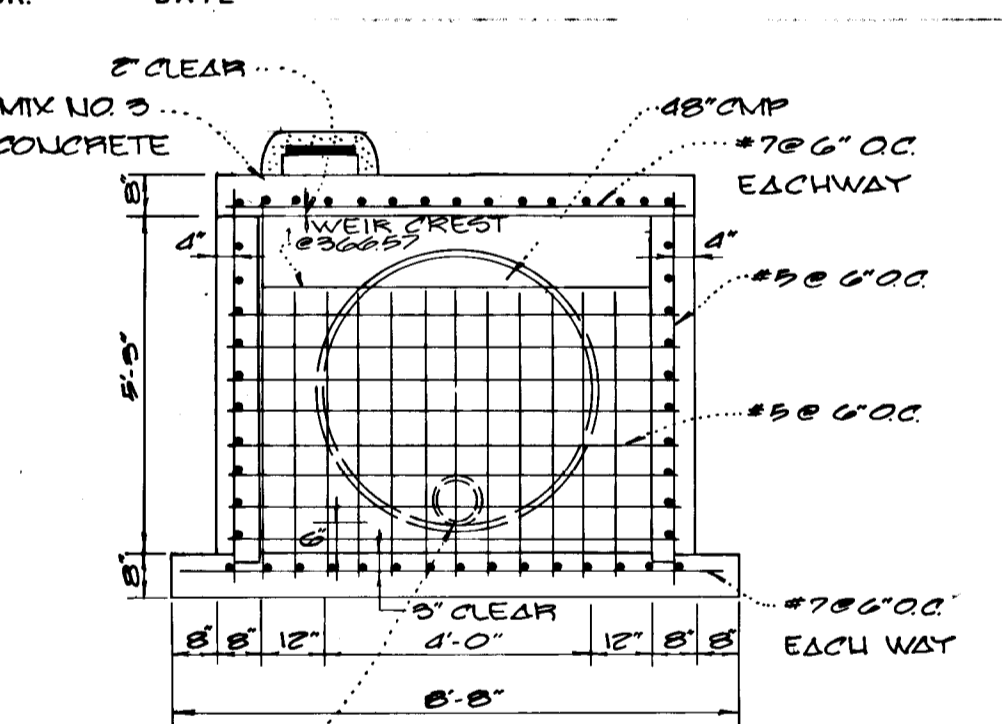
As-Built Survey Certified by Charles J. Crovo, L.D. P.E. No. 19204 On November 13, 1990.



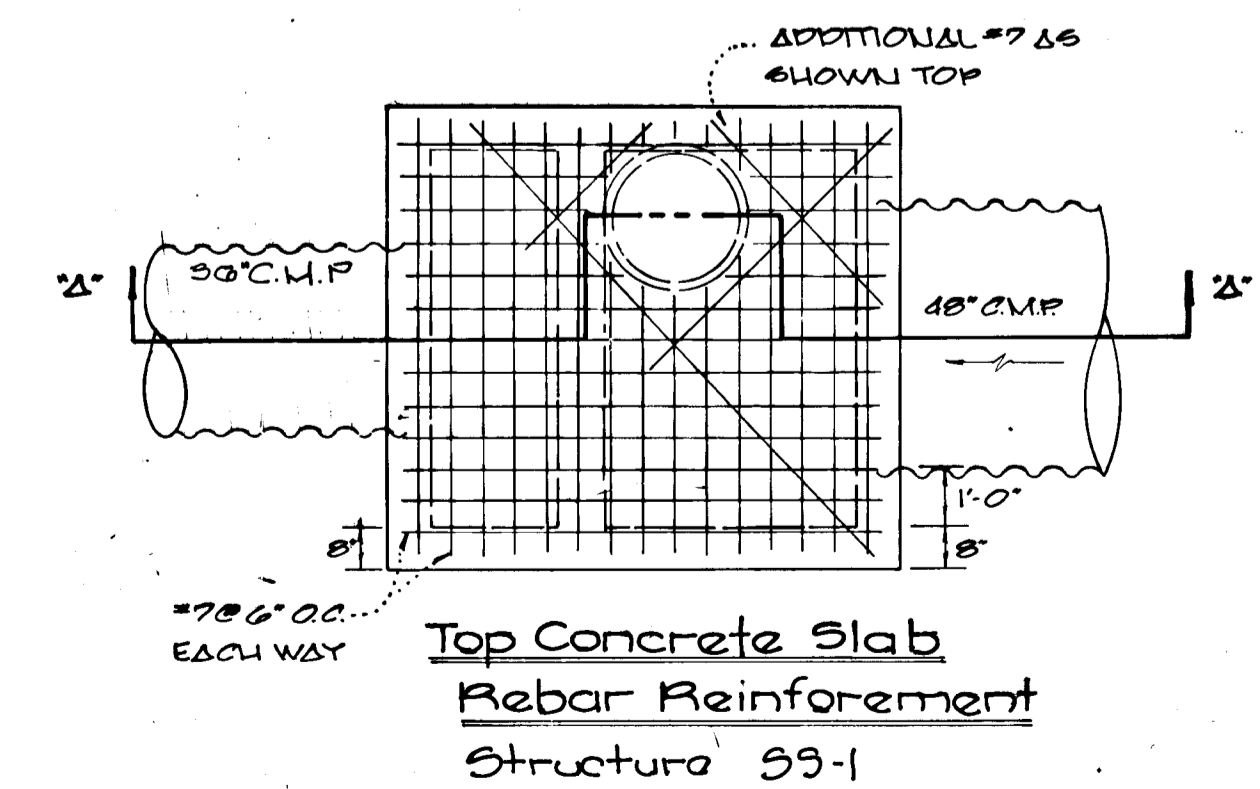
Note: the proposed 48" c.m.p. will be perforated up to 2 yr storage elevation every 2' oc.



**SECTION B-B'**  
Structure 95-1



**SECTION B-B'**



**Top Concrete Slab Rebar Reinforcement Structure 95-1**

**STORMWATER MANAGEMENT STRUCTURE 95-1**  
No Scale

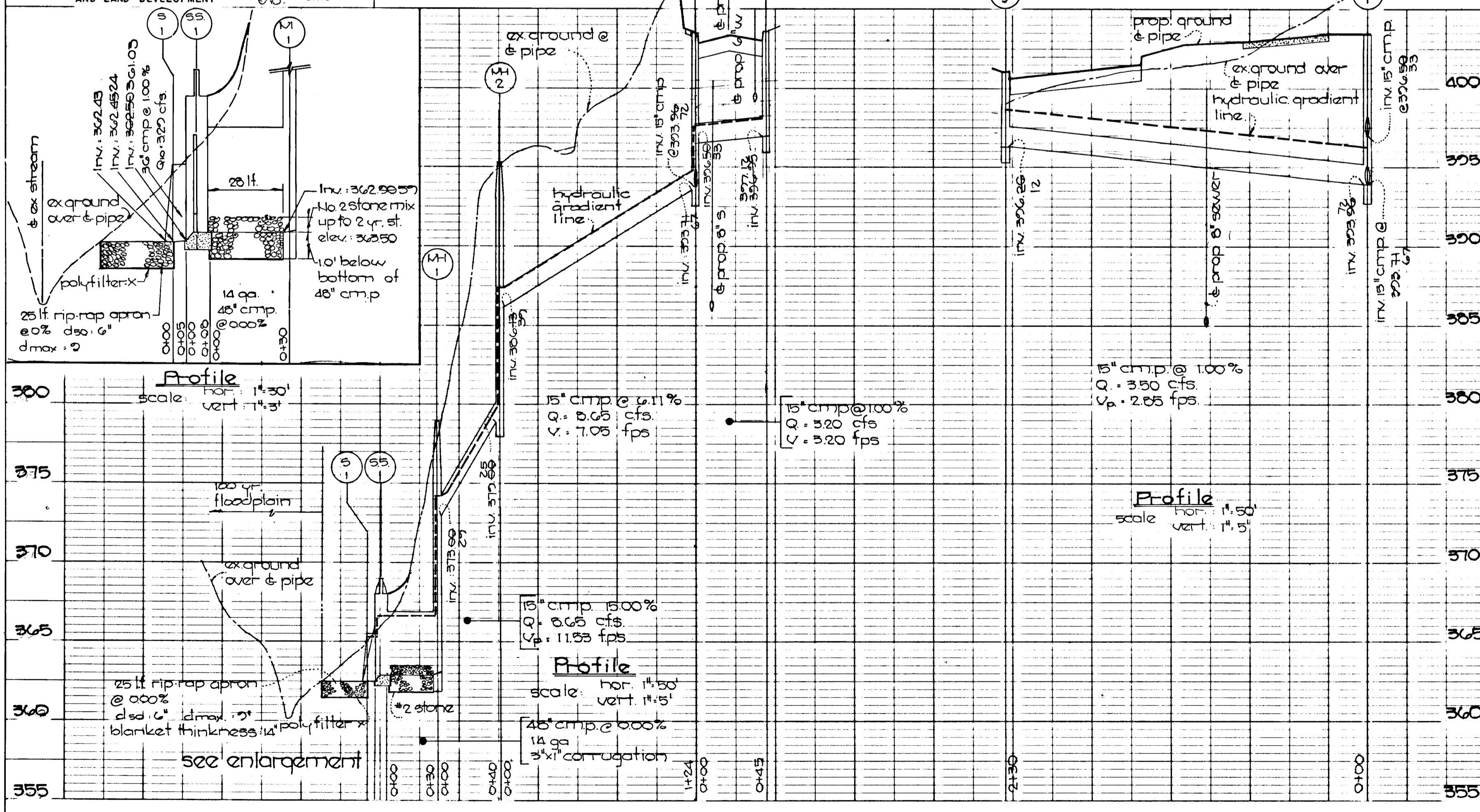
STRUCT.	TYPE	TOP	INV. IN.	INV. OUT.	ROAD STATION	REMARKS
<b>STRUCTURE</b>						
I-1	A-5	403.45	396.5033	393.74	14+82	S.D. 4.02
	INLET	405.57	393.9672	393.67	LT. 14'	
I-2	A-5	403.70	---	396.05	14+58	SD 4.02
	INLET	402	---	377.12	LT. 14'	
I-3	A-5	400.74	---	396.26	LINEAR PROFILE	S.D. 4.02
	INLET	378.00	373.00	362.90	14+82	G. 5.03
M-1	STANDARD MANHOLE	378.00	373.00	362.90	LT. 138'	
M-2	STANDARD MANHOLE	395.40	386.13	379.00	14+82	G. 5.01
	ST'D METAL END SECTION	365.48	---	362.45	LT. 178'	
S-1	SPECIAL STRUCTURE	369.32	362.90	362.50	14+82	S.D. 5.61
	STRUCTURE	368.73	361.03	361.03	LT. 206'	SEE DETAIL 2 OF 3

APPROVED DEPARTMENT OF PUBLIC WORKS  
*Paul J. Sposon* 11/29/88  
CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED DEPARTMENT OF PUBLIC WORKS  
*Francis W. Weyland* 12/1/88  
CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED DEPARTMENT OF PUBLIC WORKS  
*James E. Kelly* 12-2-88  
ENGINEER DATE

APPROVED OFFICE OF PLANNING AND ZONING  
*Frank J. Coughlin* 12/2/88  
CHIEF, COMMUNITY PLANNING AND LAND DEVELOPMENT DATE



**Profile**  
hor. 1"=30'  
vert. 1"=3'

**Profile**  
hor. 1"=50'  
vert. 1"=5'

**Profile**  
hor. 1"=30'  
vert. 1"=3'

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