



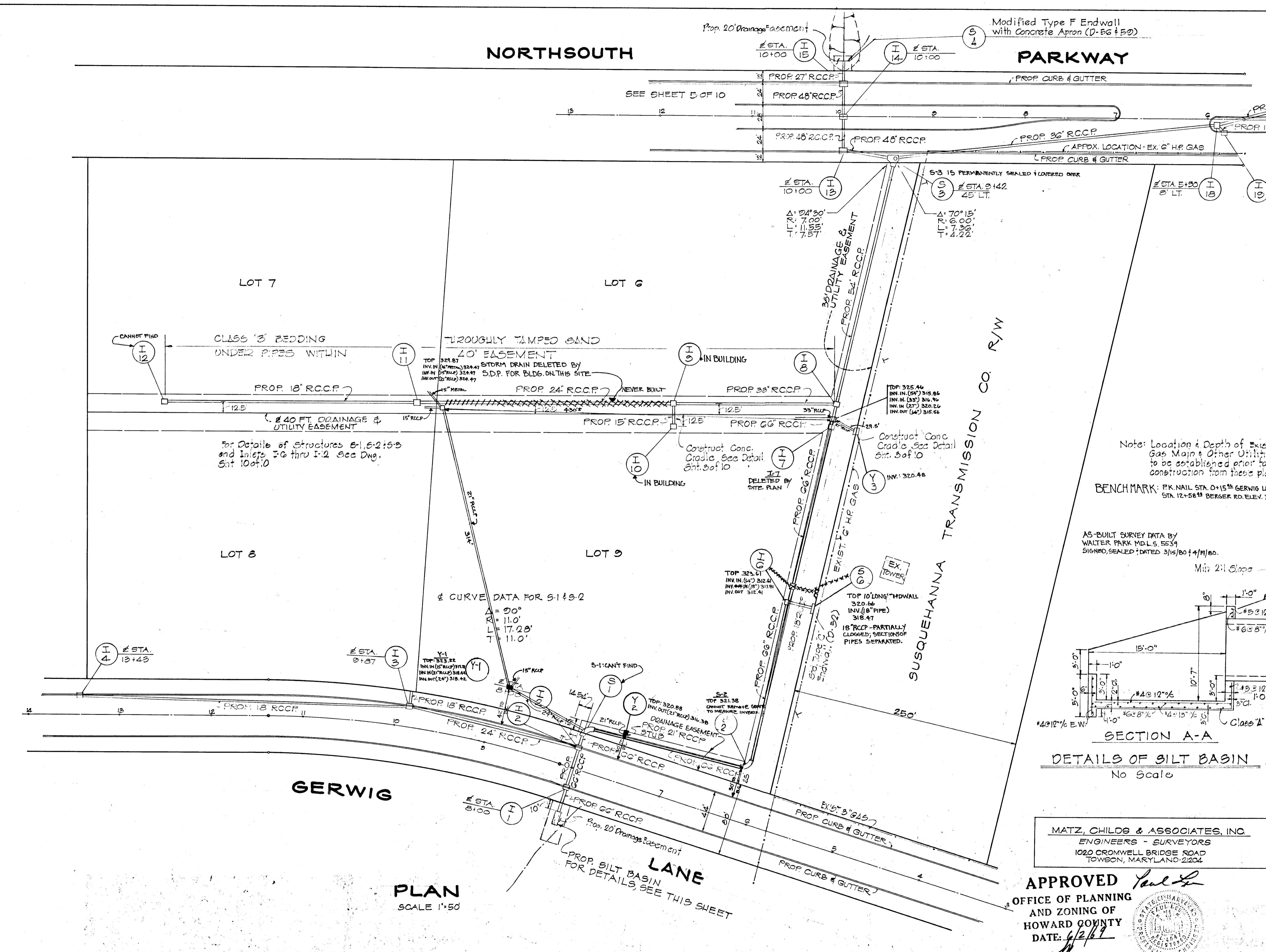


NORTHSOUTH

PARKWAY

SEE SHEET N 24 OF 10

SEE SHEET N 24 OF 10



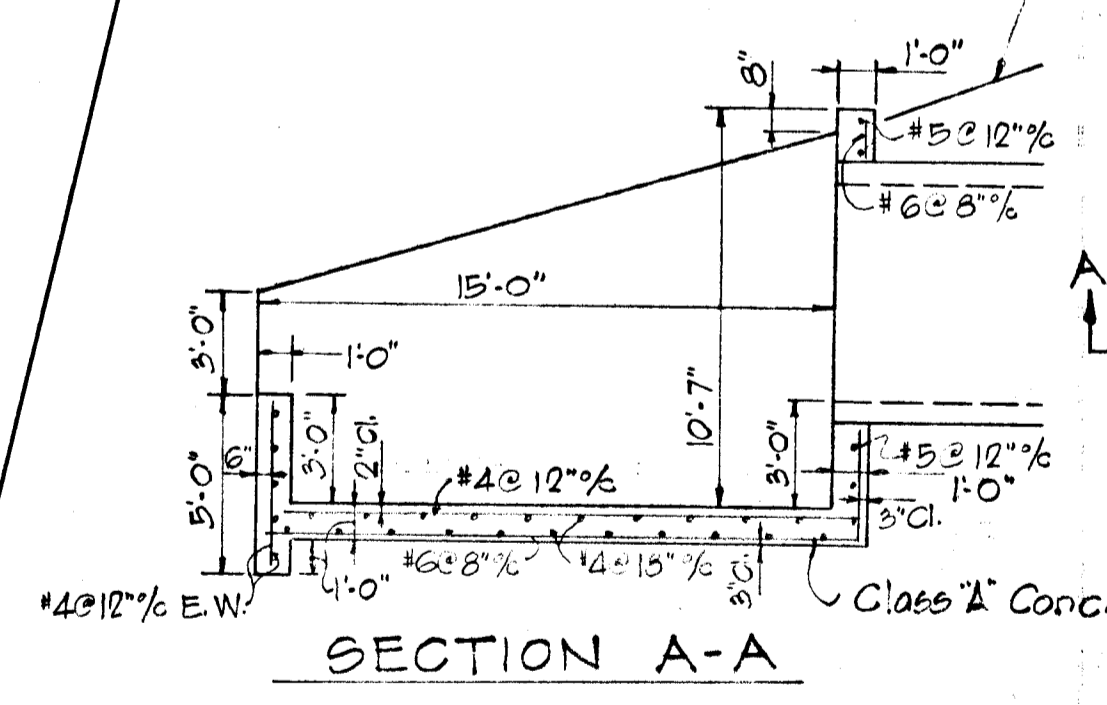
SEE PLAN & PROFILE FOR ELEVATIONS

STRUCTURE	No.	Type	Inv. Out	Top Elev.
D-22	I-1	Pbl.'s Comb	322.44	322.50
D-22	I-2	Pbl.'s Comb	322.70	322.50
	S-1	Br. Bend	322.78	*
	S-2	Br. Bend	322.85	*
	I-6	Mod. Inlet	322.40	*
	I-7	Mod. Inlet	322.25	*
	I-8	Mod. Inlet	322.25	*
	I-9	Mod. Inlet	322.14	*
	I-10	Mod. Inlet	322.42	*
	I-11	Mod. Inlet	322.00	*
	I-12	Mod. Inlet	322.03	*
	S-3	Jun. Chbr.	322.22	*
D-23	I-13	'S' Comb.	322.69	322.42
D-23	I-14	K	322.80	322.25
D-23	I-15	Pbl.'s Comb.	322.44	322.44
D-23	I-18	K	322.69	*

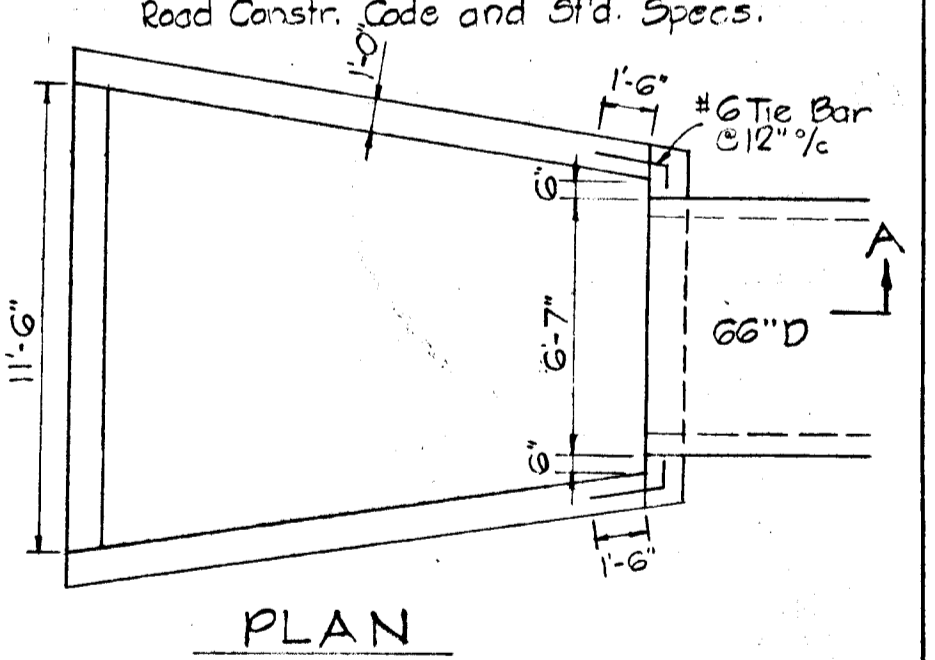
Note: Location & Depth of Exist Gas Main & Other Utilities to be established prior to construction from these plans.

BENCHMARK: PK. NAIL STA. 0+15 1/2 GERWIG LANE = STA. 12+58.11 BERGER RD. ELEV. 327.52

AS-BUILT SURVEY DATA BY WALTER PARK MD. L.S. 5539 SIGNED, SEALED & DATED 3/15/80 4/11/80.



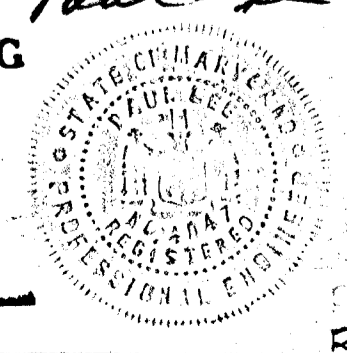
SECTION A-A  
DETAILS OF SILT BASIN  
No Scale



PLAN

MATZ, CHILDS & ASSOCIATES, INC.  
ENGINEERS - SURVEYORS  
1020 CROMWELL BRIDGE ROAD  
TOWSON, MARYLAND 21284

APPROVED  
OFFICE OF PLANNING AND ZONING OF HOWARD COUNTY  
DATE: 6/2/81



Rev. Date	Rev. No.	PER HOWARD CO. COMMENTS
5-28-69	1	PER HOWARD CO. COMMENTS

**COLUMBIA**  
MARYLAND  
5TH ELECTION DISTRICT, HOWARD COUNTY

HOWARD RESEARCH AND DEVELOPMENT CORP.  
THE VILLAGE OF CROSS KEYS - BALTIMORE, MARYLAND 21210

PROJECT AREA: EGU SUBDIVISION SEC. 2 AND RESUBDIVISION OF EGU LOTS 1 & 2 OF SECTION 2 AREA 1

PROJECT TITLE: ON SITE STORM DRAIN PLANS

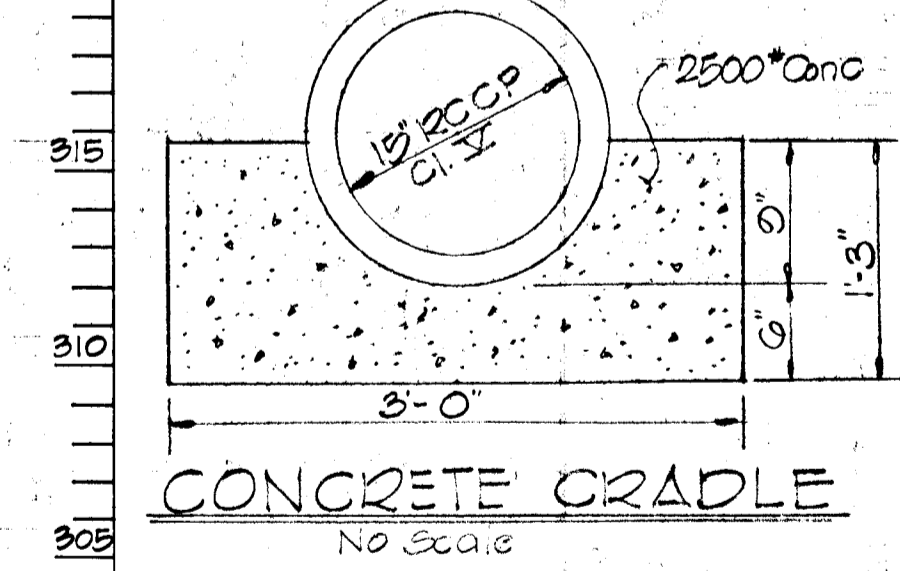
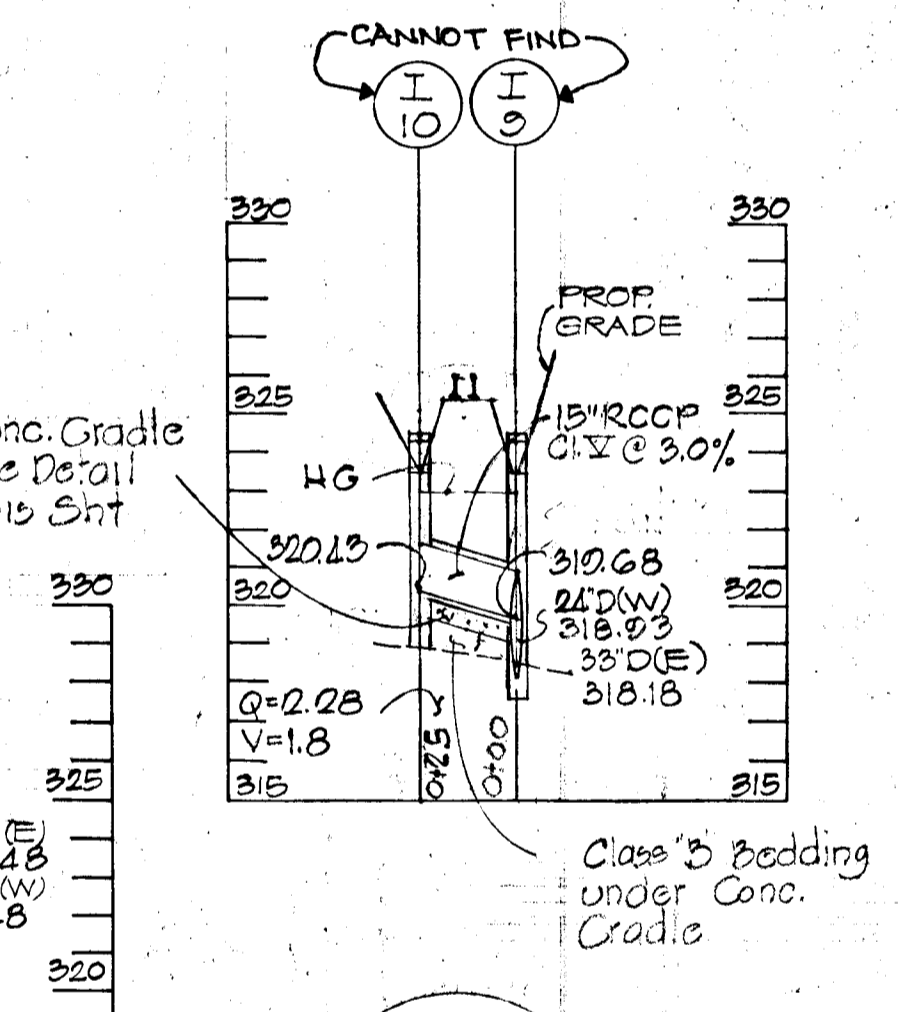
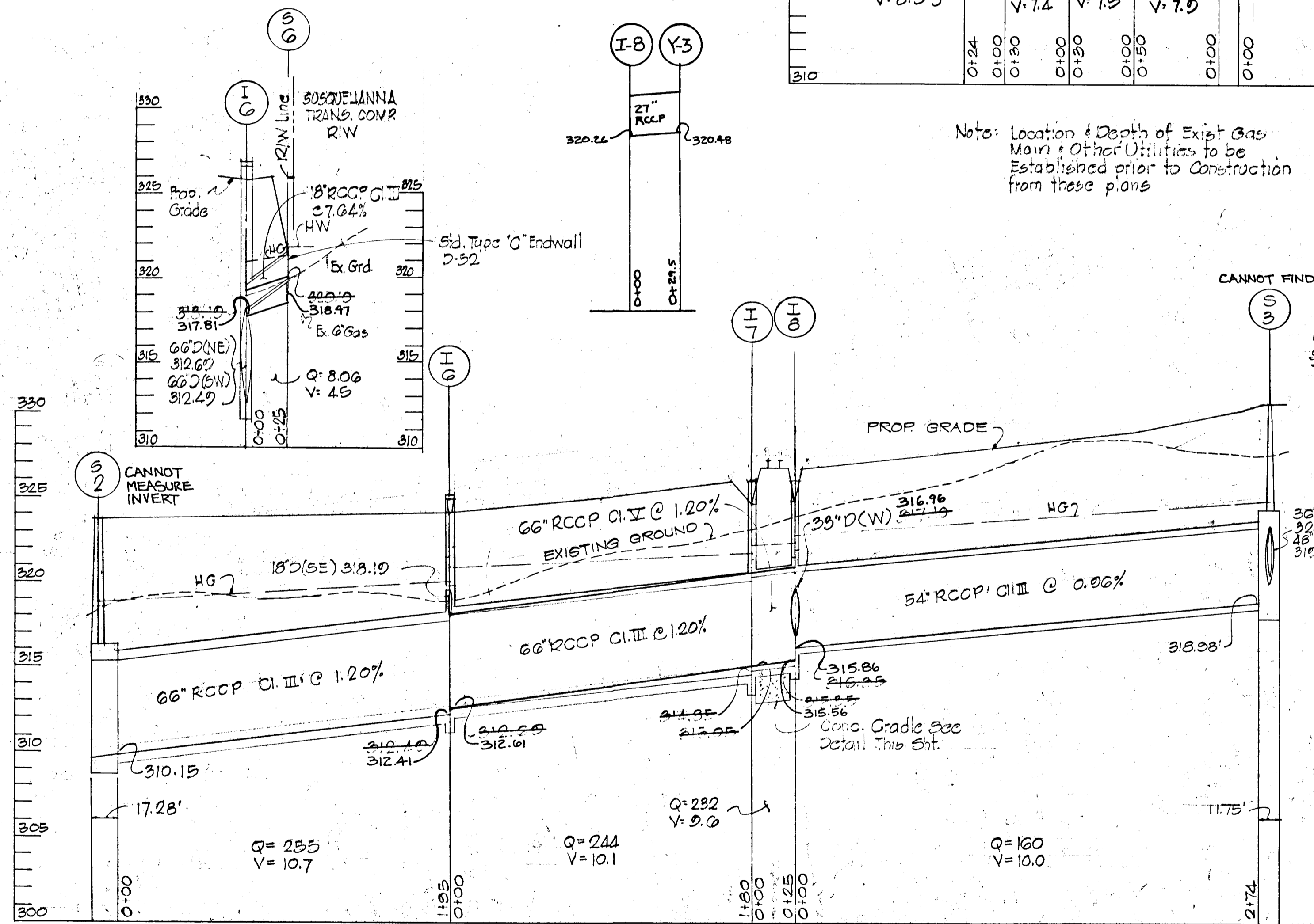
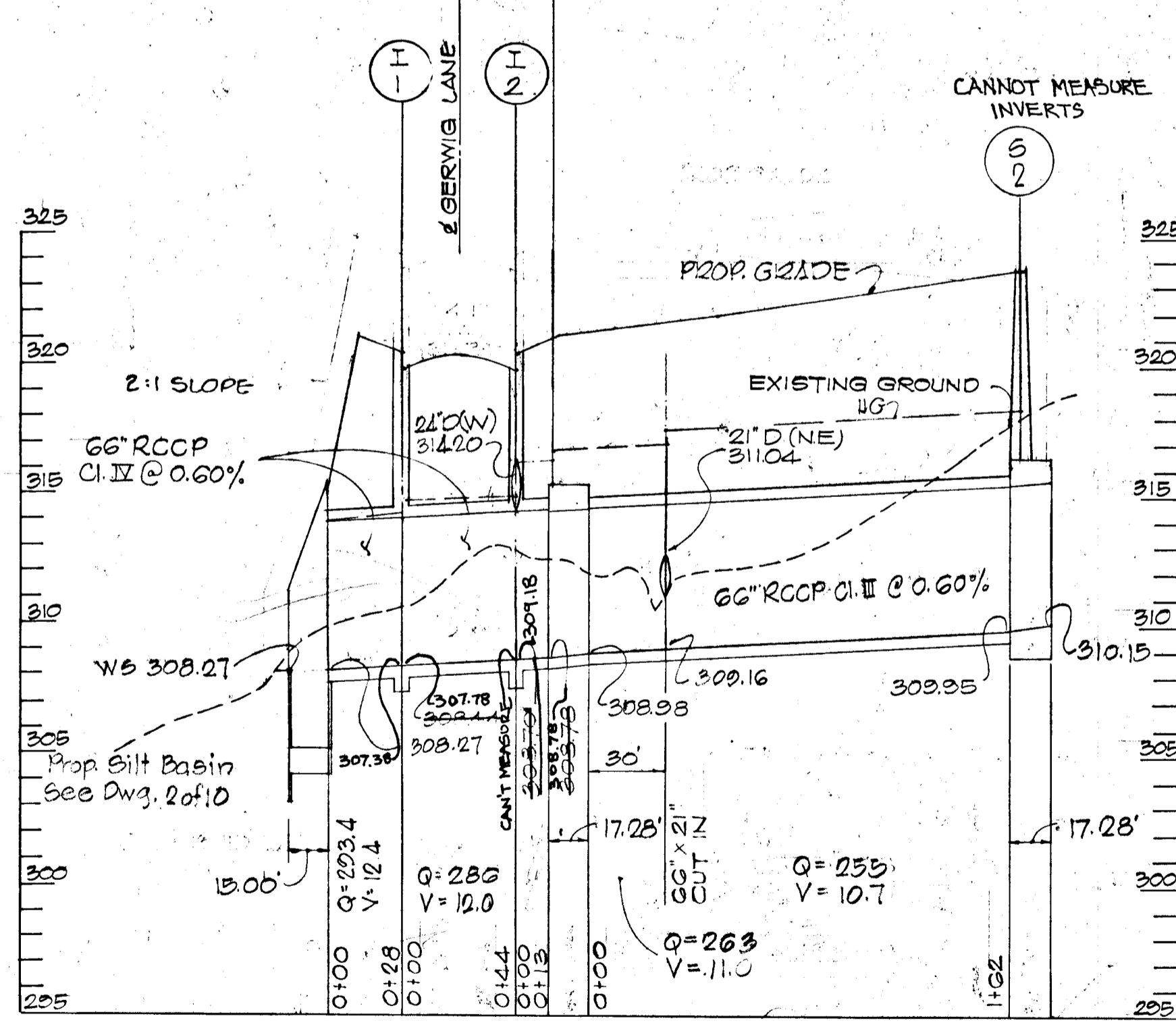
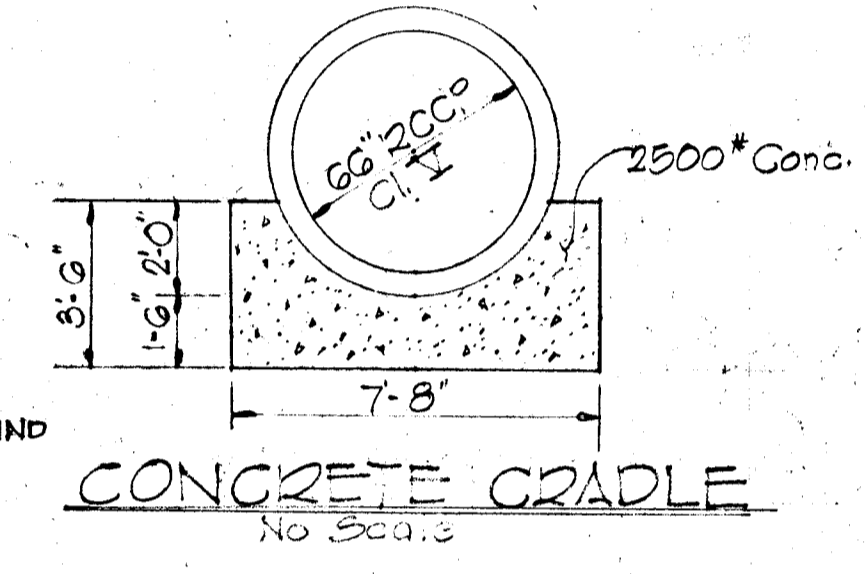
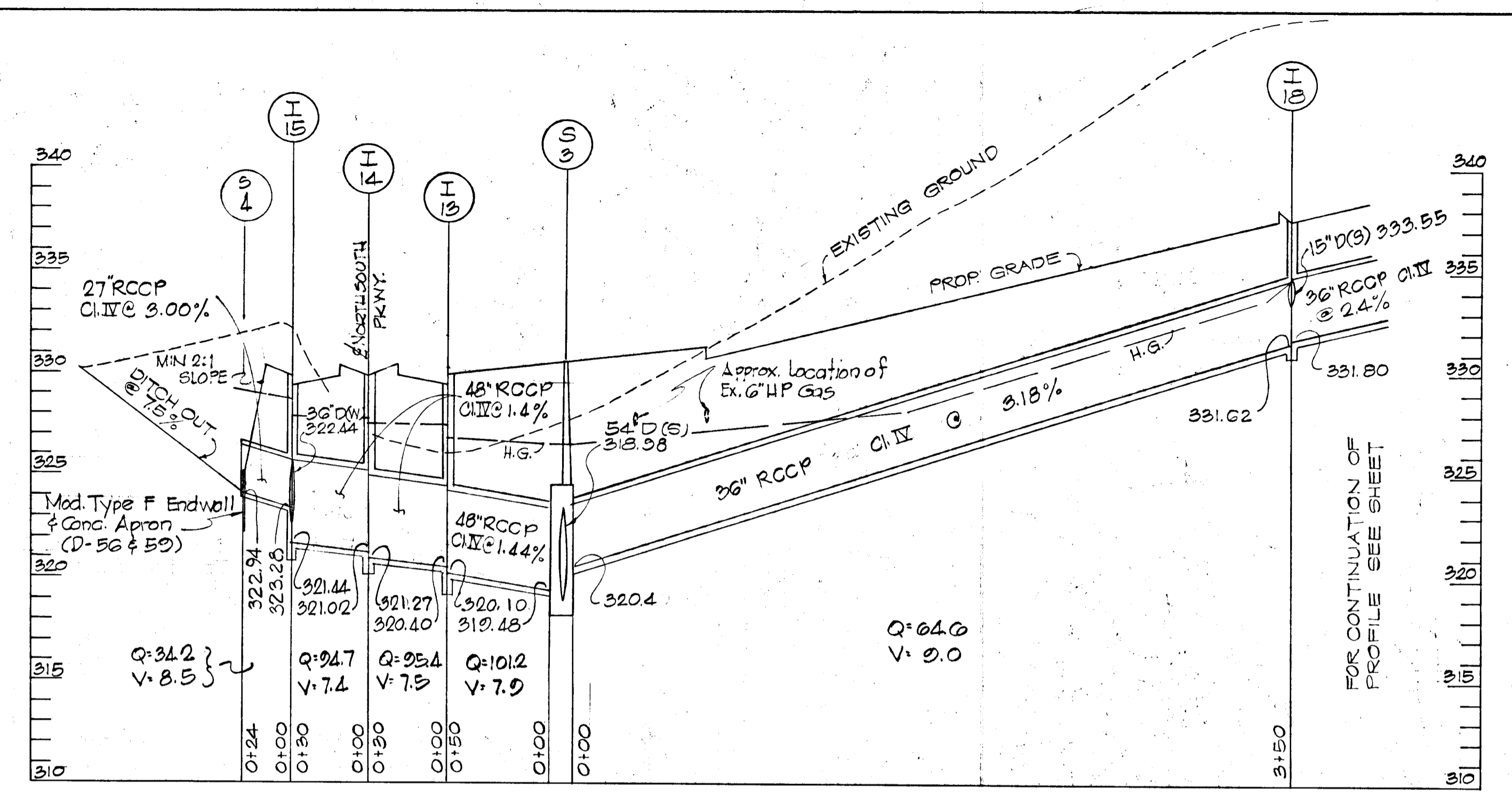
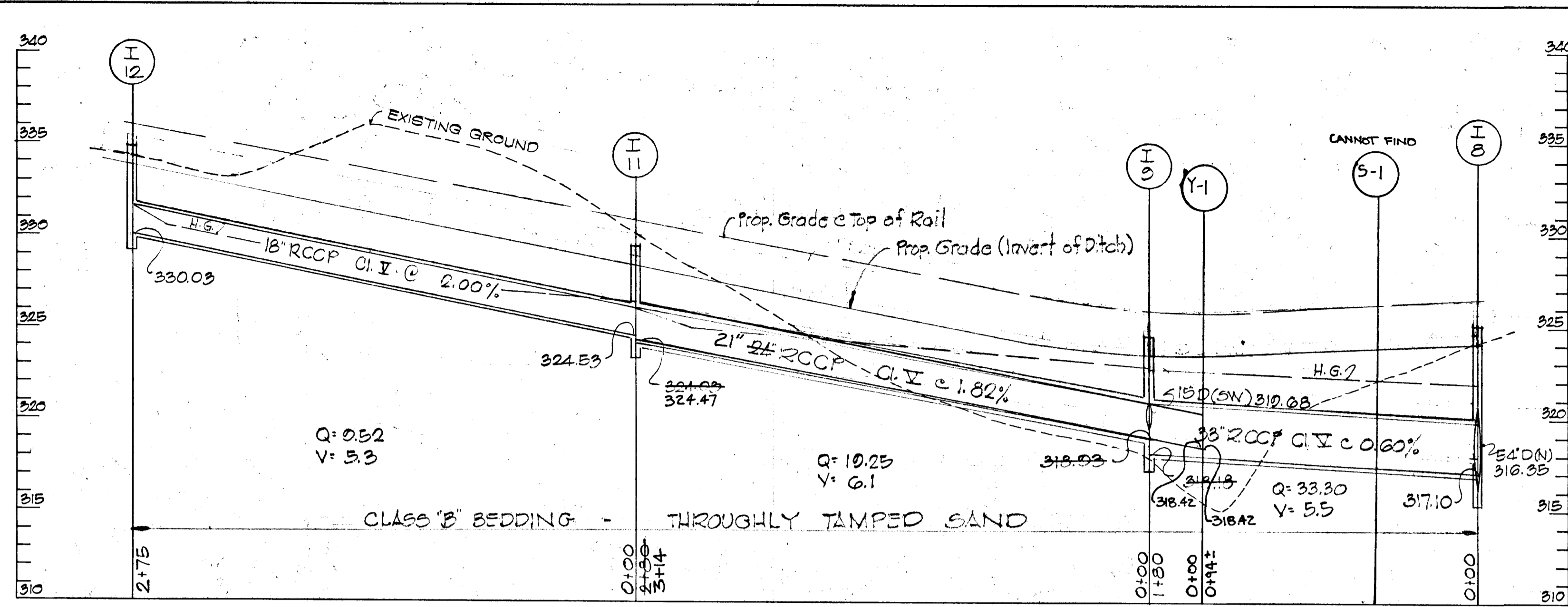
Des. By: GIL  
Dwn. By: TJP  
CHK. By: CRG

Scale: AS NOTED  
Date: 8-27-69

Dwg. No: 2 OF 10  
C.C.F. No.

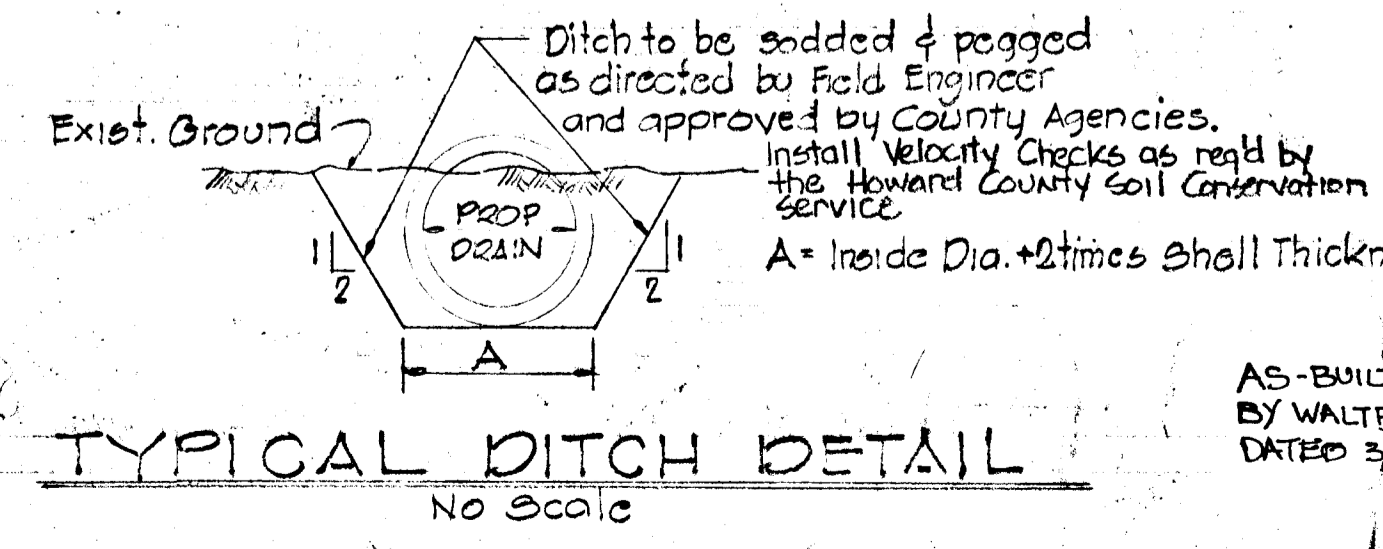
PLAN  
SCALE 1"=50'

PROP. SILT BASIN FOR DETAILS, SEE THIS SHEET



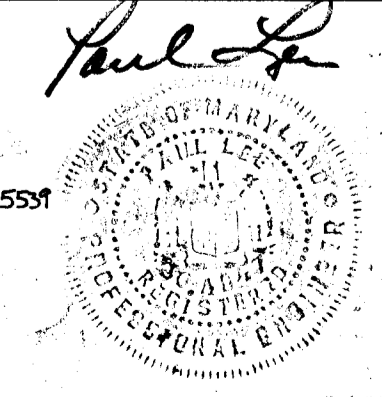
**APPROVED**  
 OFFICE OF PLANNING  
 AND ZONING OF  
 HOWARD COUNTY  
 DATE: 6/2/11

**PROFILES**  
 SCALE: HORIZ. 1"=50'  
 VERT. 1"=5'



**MATZ, CHILDS & ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS  
 1020 CROWMELL BRIDGE ROAD  
 TOWSON, MARYLAND 21284

AS-BUILT SURVEY DATA  
 BY WALTER PARK, MD L.S. 5587  
 DATED 3/19/80 + 1/19/80.



Rev No	Rev Date	PER HOWARD COUNTY COMMENTS
1	5-28-69	

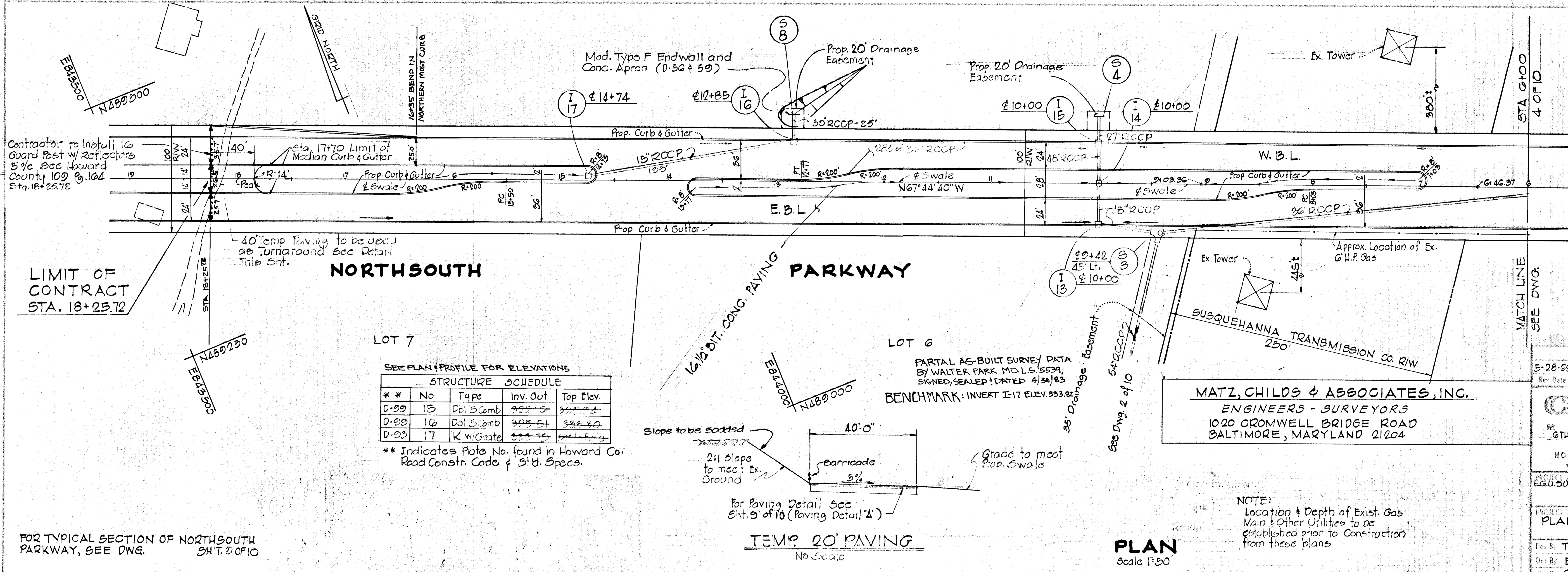
**COLUMBIANA**  
 MARYLAND  
 6TH ELECTION DISTRICT HOWARD COUNTY  
 HOWARD RESEARCH AND DEVELOPMENT CORP.  
 PROJECT AREA: EGU SUBDIVISION SEC. 2 AND RESUBDIVISION OF EGU LOTS 1 & 2 AREA 2 SECTION 2 AREA 1  
 PROJECT TITLE: STORM DRAIN PROFILES

Des. By: GL Scale: AS NOTED  
 Drawn By: T.F. Date: 3-27-80  
 Ck'd By: C.R.S. Approved: [Signature]









**APPROVED**  
 OFFICE OF PLANNING  
 AND ZONING OF  
 HOWARD COUNTY  
 DATE: 6/2/69

SEE PLAN PROFILE FOR ELEVATIONS

STRUCTURE SCHEDULE				
* No	Type	Inv. Out	Top Elev.	
D-29	15	Dbl S Comb	332.15	332.15
D-29	16	Dbl S Comb	332.51	332.51
D-29	17	K w/Grate	332.76	332.76

\*\* Indicates Plate No. found in Howard Co. Road Constr. Code & Std. Specs.

LIMIT OF CONTRACT  
 STA. 18+25.72

**MATZ, CHILDS & ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS  
 1020 CROMWELL BRIDGE ROAD  
 BALTIMORE, MARYLAND 21204

5-28-69 1 PER HOWARD CO. COMMENTS  
 Rev Date Rev No Previous Description

**COLUMBIA**  
 14TH ELECTION DISTRICT HOWARD COUNTY

HOWARD RESEARCH AND DEVELOPMENT CORP.  
 THE VILLAGE OF CROSS KEYS - BALTIMORE, MARYLAND 21202

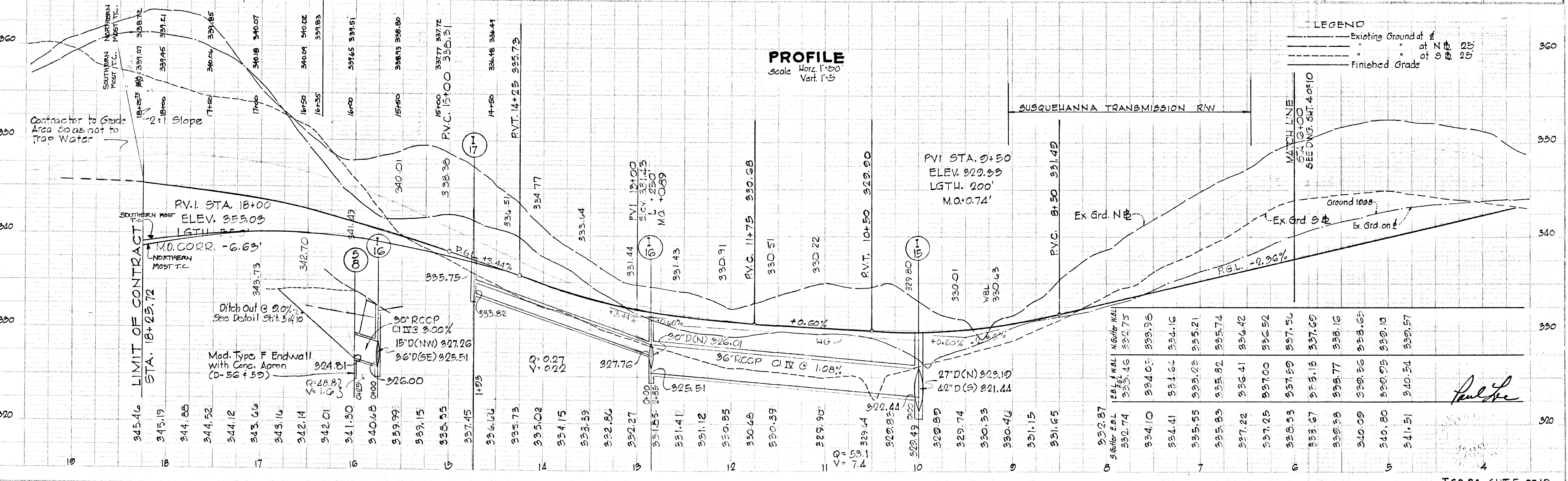
PROJECT TITLE  
**PLAN & PROFILE - NORTHSOUTH PKWY.**

Des. By: T.L. Scale: AS SHOWN Ewa. No: 5 OF 10  
 Dwn. By: E.B.J. Date: 5-27-69 C.C.F. No.  
 Chk. By: C.R.S. Approved

**TEMP. 20' PAVING**  
 No Scale

**PLAN**  
 Scale 1"=50'

FOR TYPICAL SECTION OF NORTHSOUTH  
 PARKWAY, SEE DWG. SH.T. 2 OF 10



**PROFILE**  
 Scale: Horiz 1"=50', Vert 1"=5'

**LEGEND**

- Existing Ground at 25'
- at N 25'
- at S 25'
- Finished Grade

Station	Elev. 1	Elev. 2	Elev. 3	Elev. 4	Elev. 5	Elev. 6	Elev. 7	Elev. 8	Elev. 9	Elev. 10
332.87	332.74	334.10	334.41	335.55	335.83	337.22	337.25	338.53	338.67	340.09
332.74	334.05	334.16	335.29	335.82	336.41	337.00	337.59	338.16	338.77	340.09
334.10	334.16	335.29	335.82	336.41	337.00	337.59	338.16	338.77	340.09	340.80
334.41	335.55	335.83	337.22	337.25	338.53	338.67	340.09	340.80	341.51	342.57
335.55	335.83	337.22	337.25	338.53	338.67	340.09	340.80	341.51	342.57	343.10
335.83	337.22	337.25	338.53	338.67	340.09	340.80	341.51	342.57	343.10	343.65
337.22	337.25	338.53	338.67	340.09	340.80	341.51	342.57	343.10	343.65	344.10
337.25	338.53	338.67	340.09	340.80	341.51	342.57	343.10	343.65	344.10	344.60
338.53	338.67	340.09	340.80	341.51	342.57	343.10	343.65	344.10	344.60	345.10
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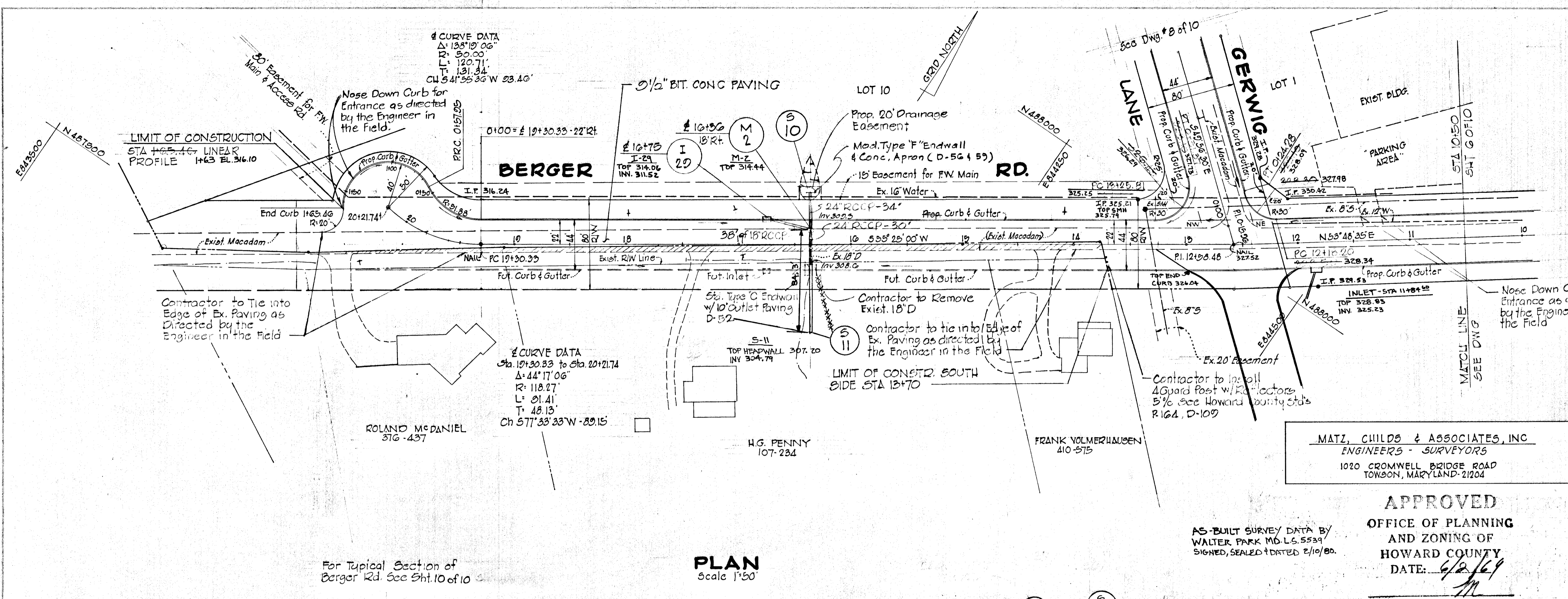




SEE PLAN & PROFILE FOR ELEVATIONS

STRUCTURE		SCHEDULE		
No	Type	Inv. Out	Top Elev.	**
M-2	Std. M	314.44	314.44	D-103
I-20	Std. Comb	314.44	314.44	D-99

\*\* Indicates Drawing No. found in Howard Co. Road Construction Code & Std. Specs.



**MATZ, CHILDS & ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1020 CROMWELL BRIDGE ROAD  
TOWSON, MARYLAND 21204

**APPROVED**  
OFFICE OF PLANNING  
AND ZONING OF  
HOWARD COUNTY  
DATE: 6/2/69

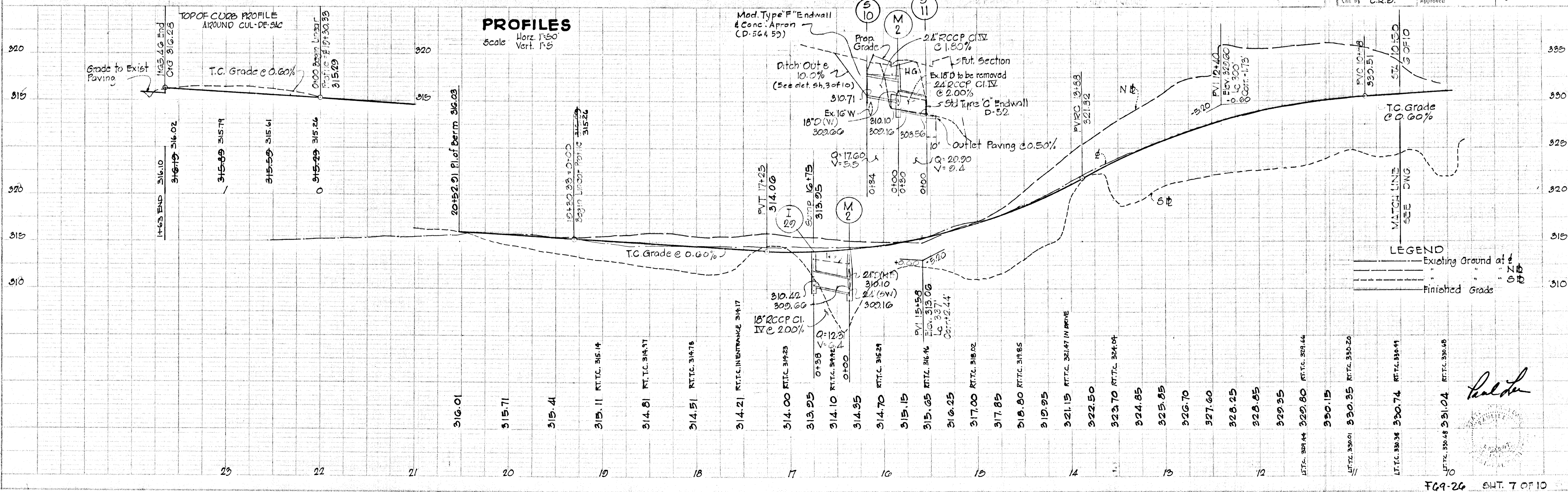
AS-BUILT SURVEY DATA BY  
WALTER PARK MD. L.S. 5539  
SIGNED, SEALED & DATED 2/10/60.

Rev. Date	Rev. No.	Revision Description
5-28-69	1	PER HOWARD CO. COMMENTS

**COLUMBIA**  
M A R R L A N D  
6TH ELECTION DISTRICT HOWARD COUNTY  
HOWARD RESEARCH & DEVELOPMENT CORP.  
THE VILLAGE OF CROSS KEY, BALTIMORE, MARYLAND 21210  
PROJECT AREA: GOSPODOROV DIVISION SEC. 2, AREA 2 AND RE-SUBDIVISION OF E.G.U. LOTS 142 OF SECTION 2, AREA 1

PROJ. FILE: BERGER RD. PLAN & PROFILE

Des. By: TL & GL. Scale: AS SHOWN. Dwg. No.: 7 OF 10  
 Dwn. By: E.B.J. Date: 2-27-69. C.C.F. No.:  
 Chk. By: C.R.B. Approved:

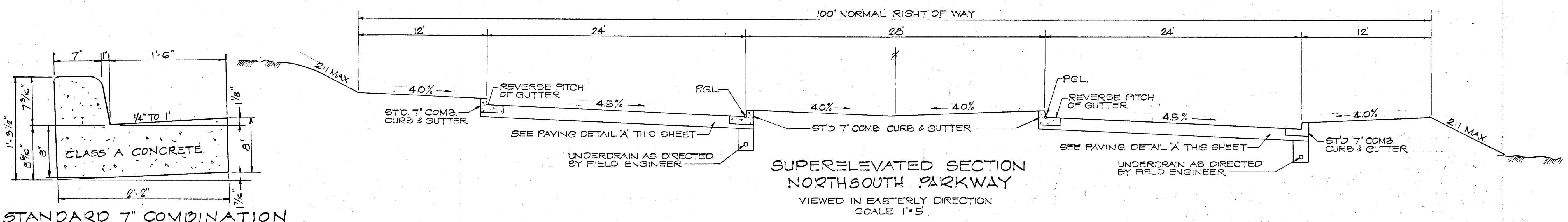
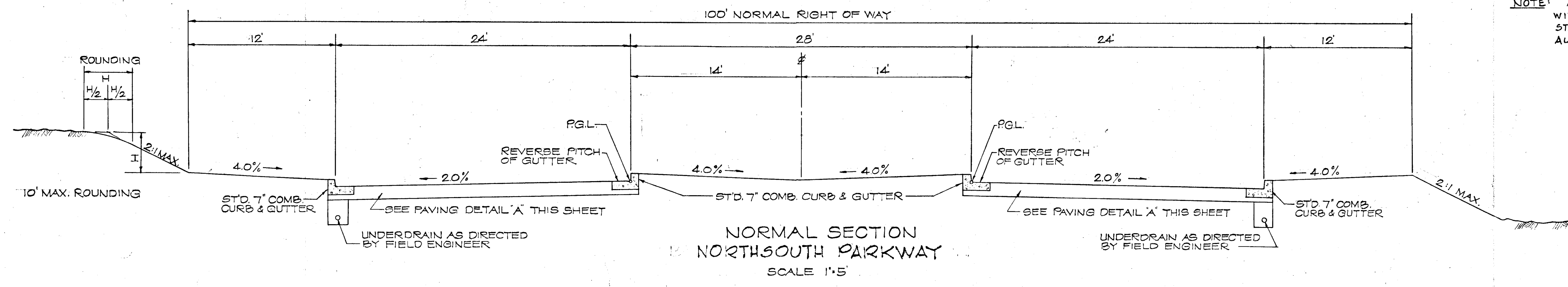




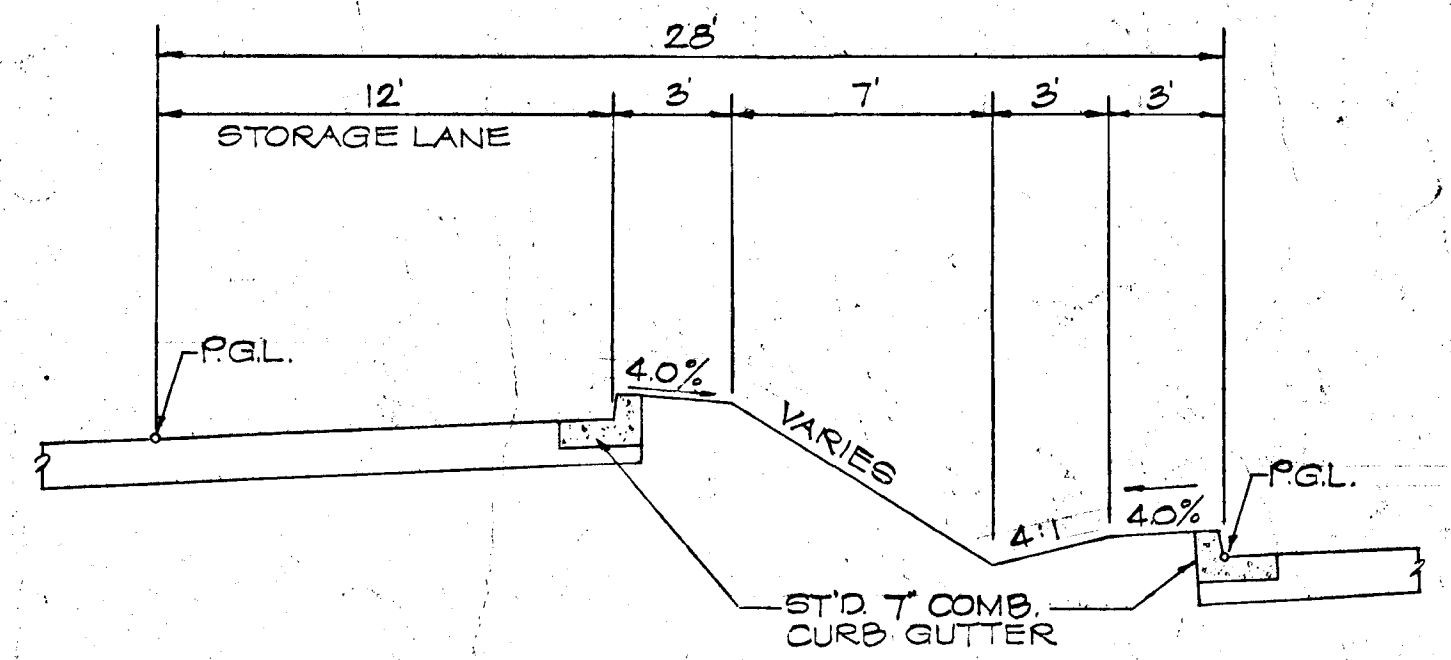
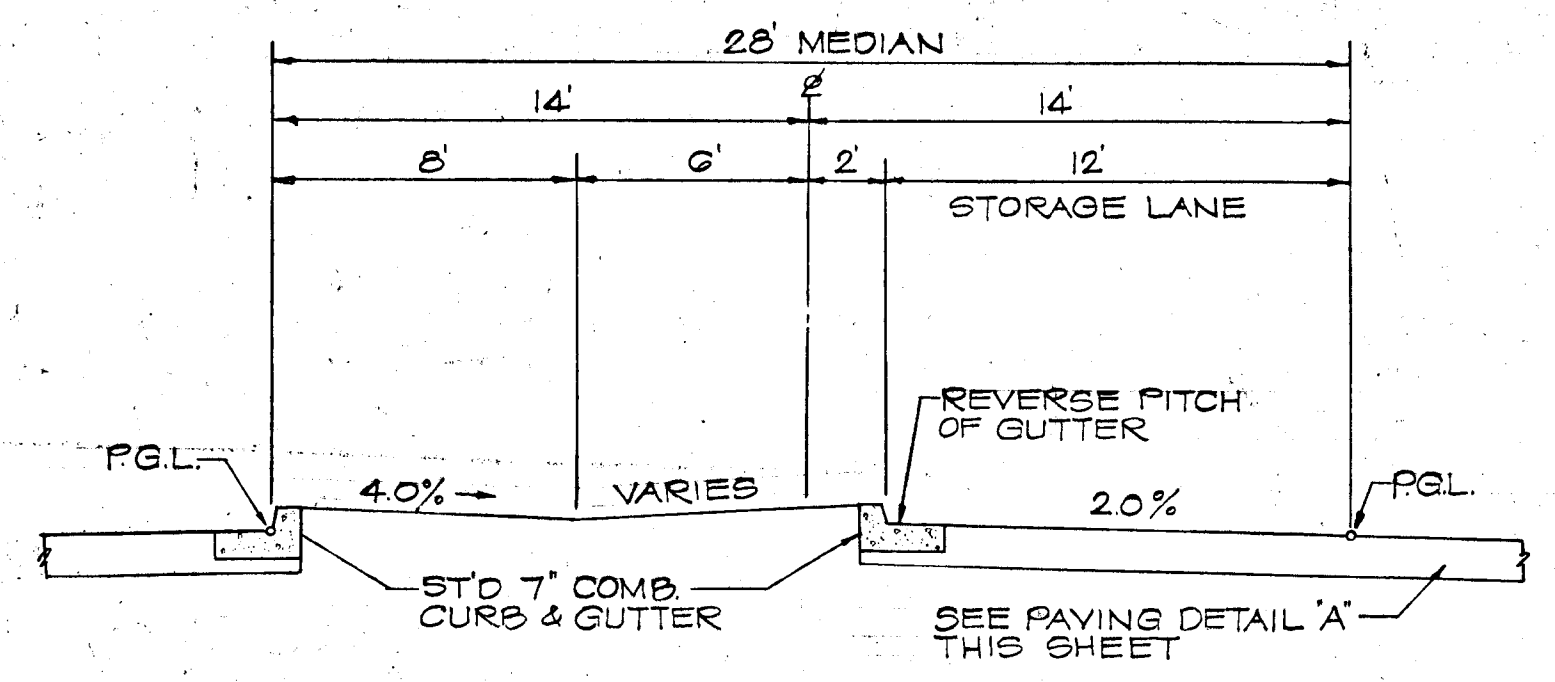
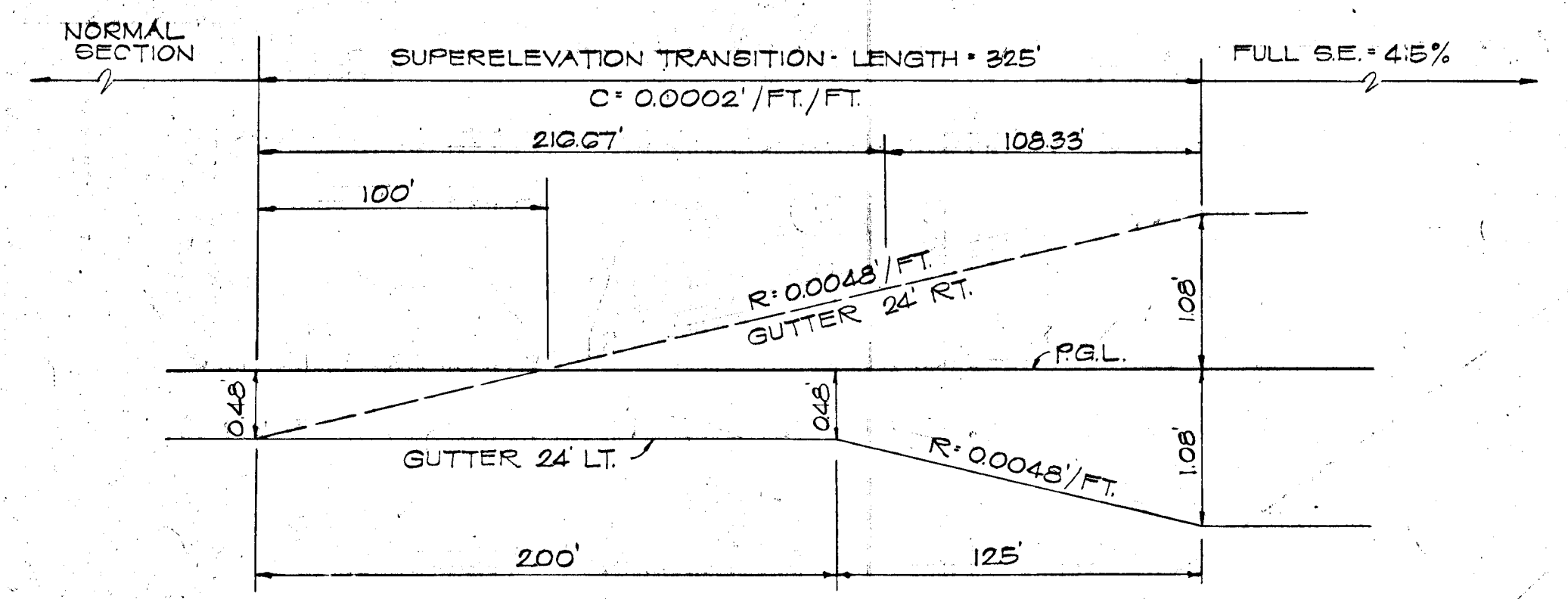
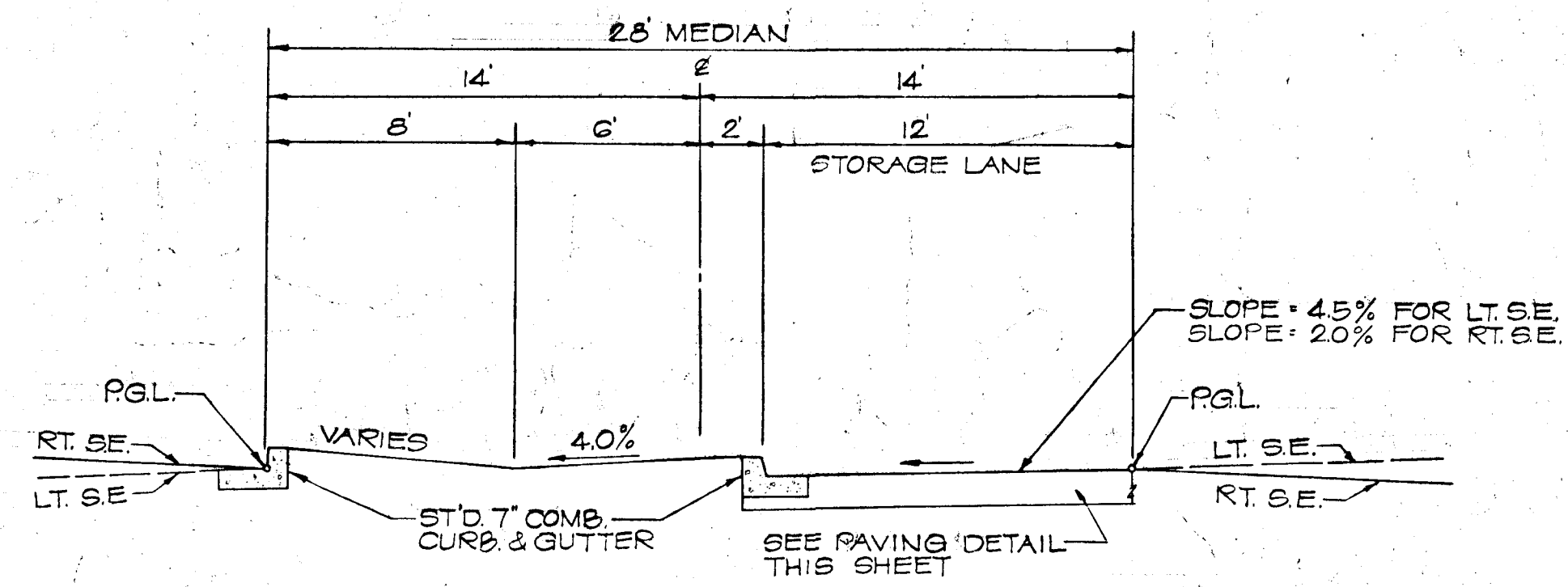
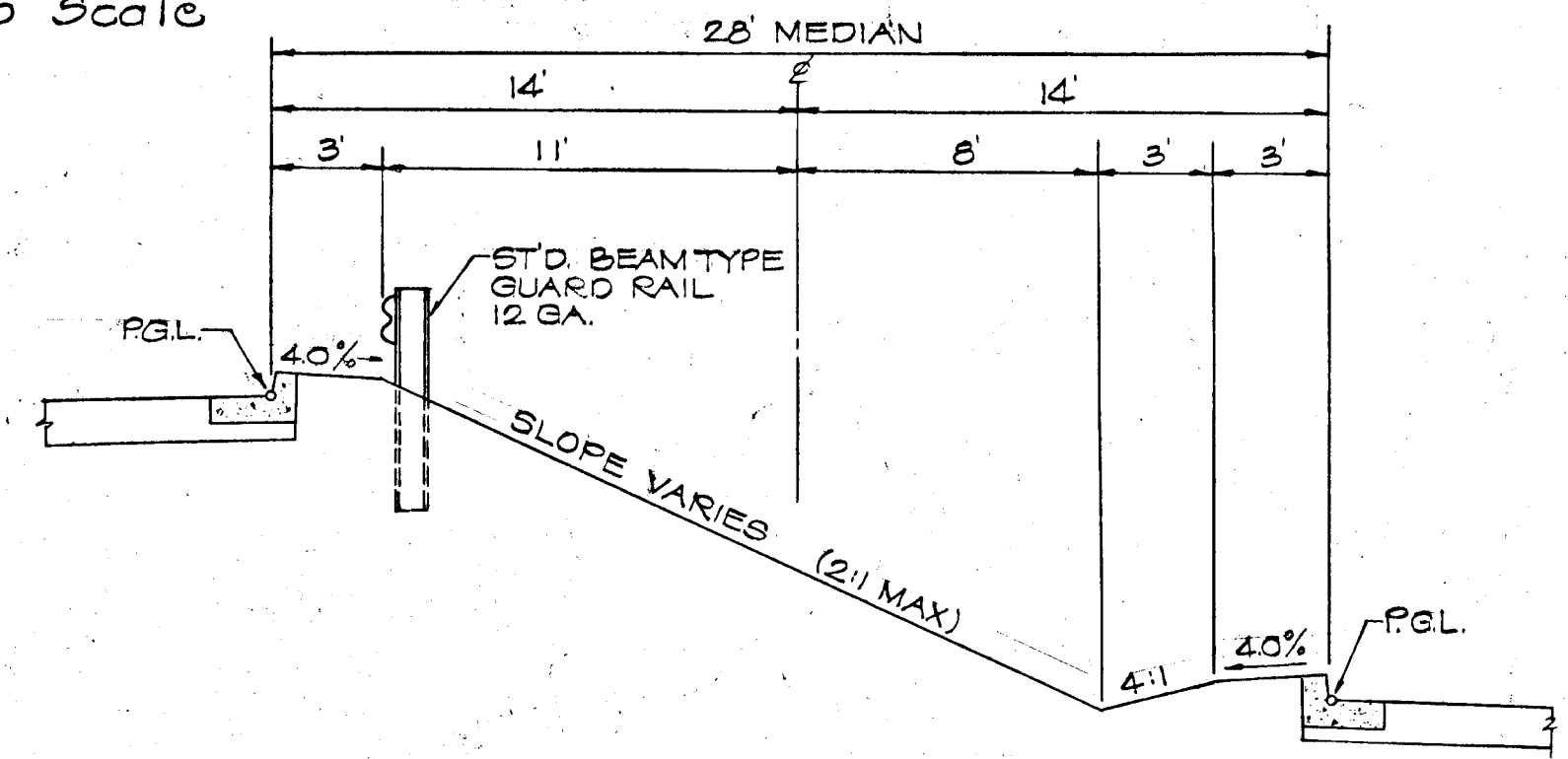
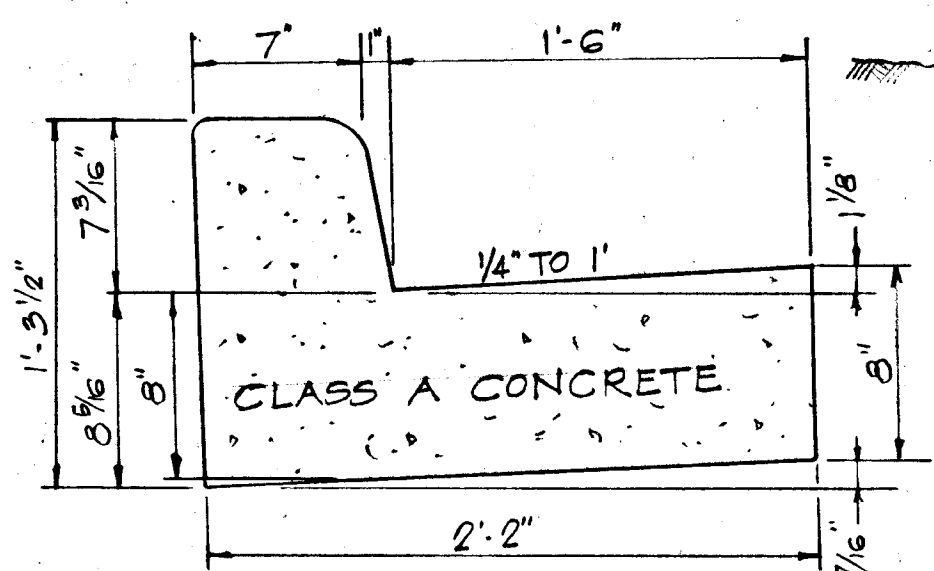




NOTE: ALL CONSTRUCTION TO BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE AND STANDARD SPECIFICATIONS AS REVISED AUGUST 1968.



**STANDARD 7" COMBINATION CURB & GUTTER**  
No Scale



BITUMINOUS CONCRETE SURFACE	BAND C-3	1.5"	FINAL PHASE
BITUMINOUS CONCRETE SURFACE	BAND C-3	1.5"	SECOND PHASE
BITUMINOUS CONCRETE BINDER	BAND A-3	2.5"	
BITUMINOUS CONCRETE BASE	BAND C-2 OR B-3	4"	FIRST PHASE
7" CRUSHER RUN SUB-BASE	CR-467	7"	

**PAVING DETAIL 'A' DWG. D9-PAGE 6A**

SCALE: NONE

**MATZ, CHILDS & ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS  
1020 CROMWELL BRIDGE ROAD  
TOWSON, MARYLAND - 21204

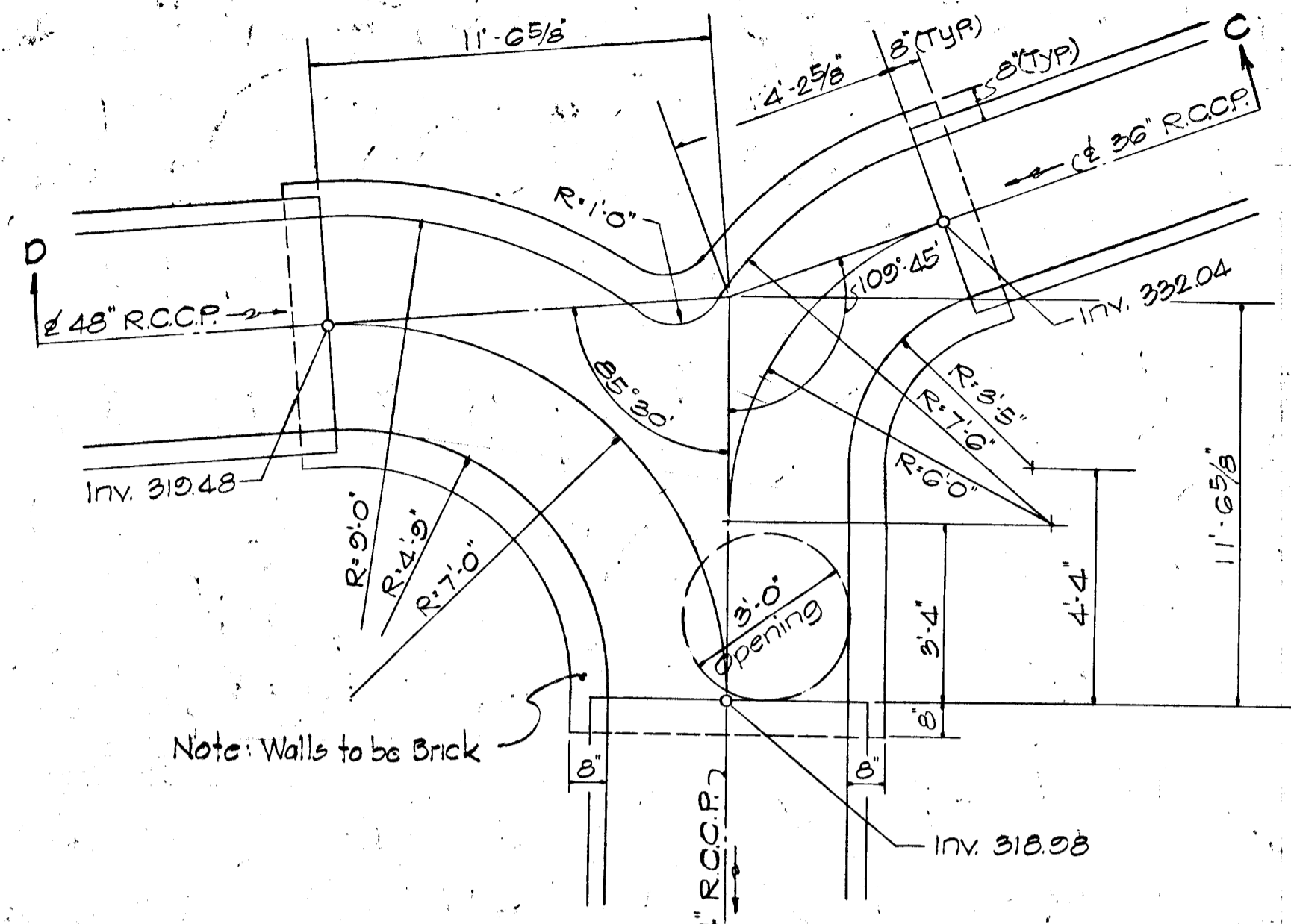
**APPROVED**  
OFFICE OF PLANNING  
AND ZONING OF  
HOWARD COUNTY  
DATE: 6/2/69  
*h*



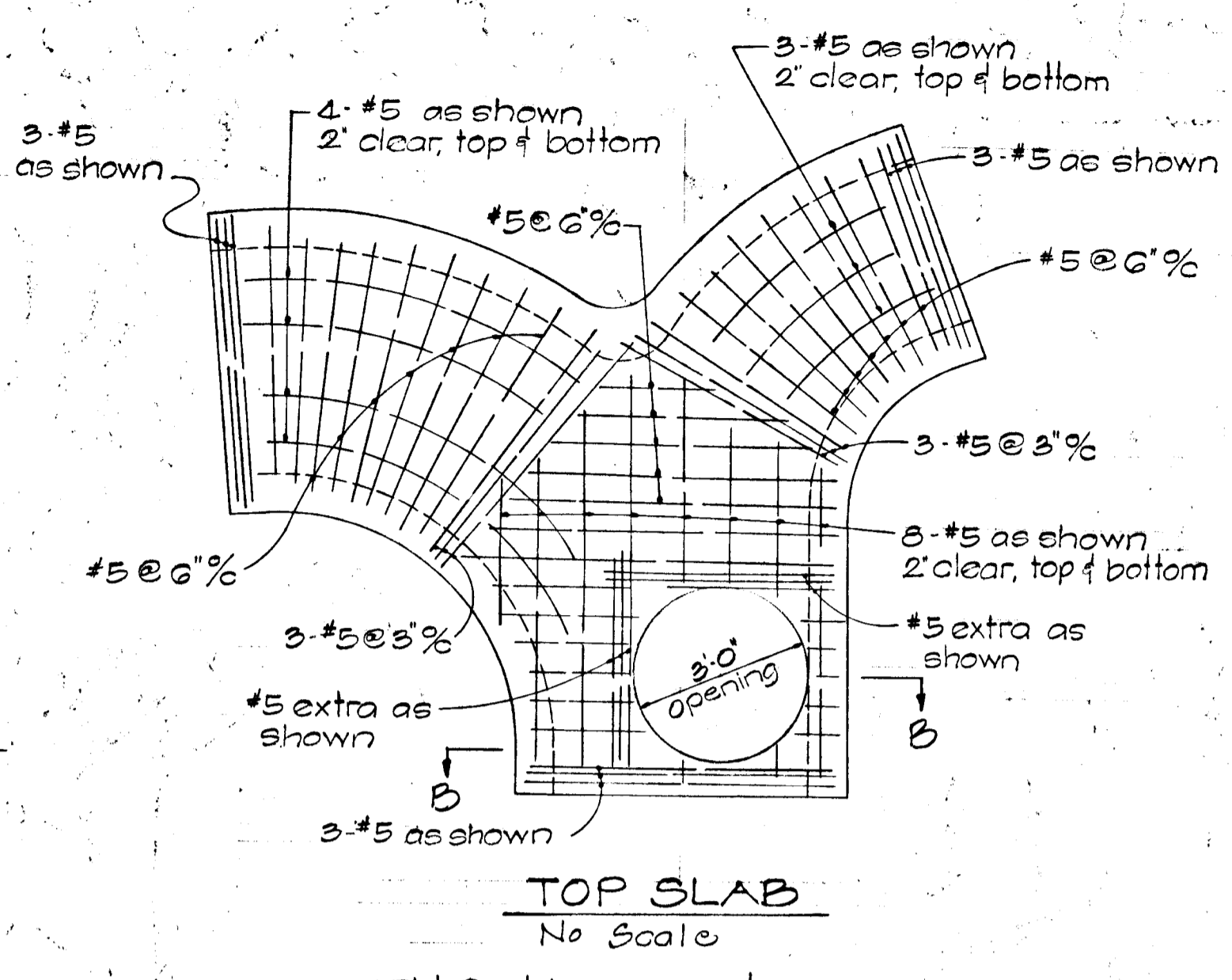
5-28-69	1	PER HOWARD CO. COMMENTS
Date	Rev. No.	Revision Description
<b>COLUMBIA</b>		
M A R Y L A N D		
8TH ELECTION DISTRICT HOWARD COUNTY		
HOWARD RESEARCH AND DEVELOPMENT CORP.		
THE VILLAGE OF CROSS KEYS - BALTO. JRE. MARYLAND 21204		
PROJECT TITLE		
<b>ROAD SECTIONS &amp; DETAILS</b>		
Des. By	T.L.	Dwg. No. 9 OF 10
Drawn By	T.P.	Date: 3-27-69
Chk. By	CRS.	CCC: h



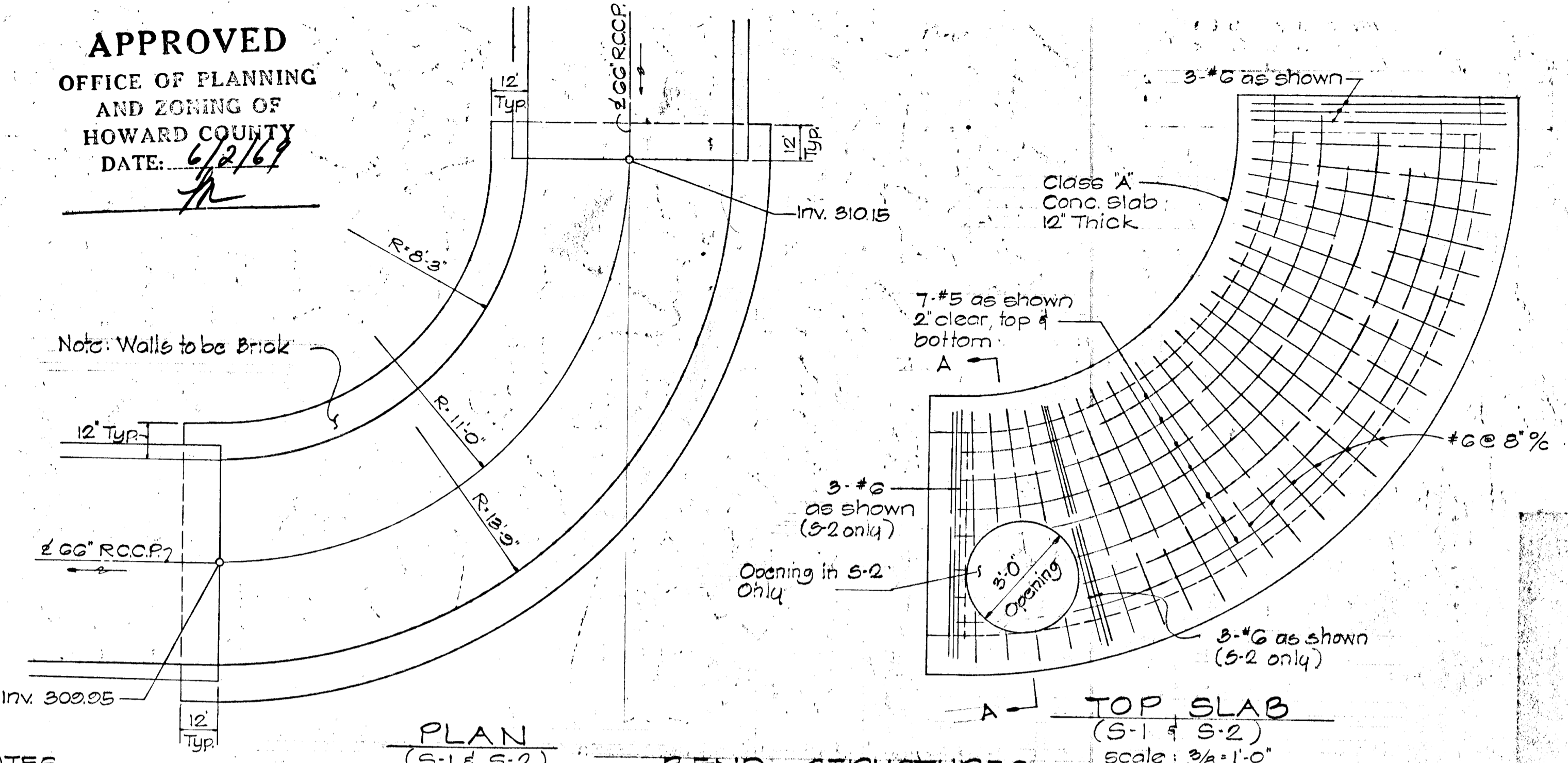
**APPROVED**  
**OFFICE OF PLANNING**  
**AND ZONING OF**  
**HOWARD COUNTY**  
 DATE: 6/2/69



**PLAN**  
**JUNCTION CHAMBER**  
 No Scale



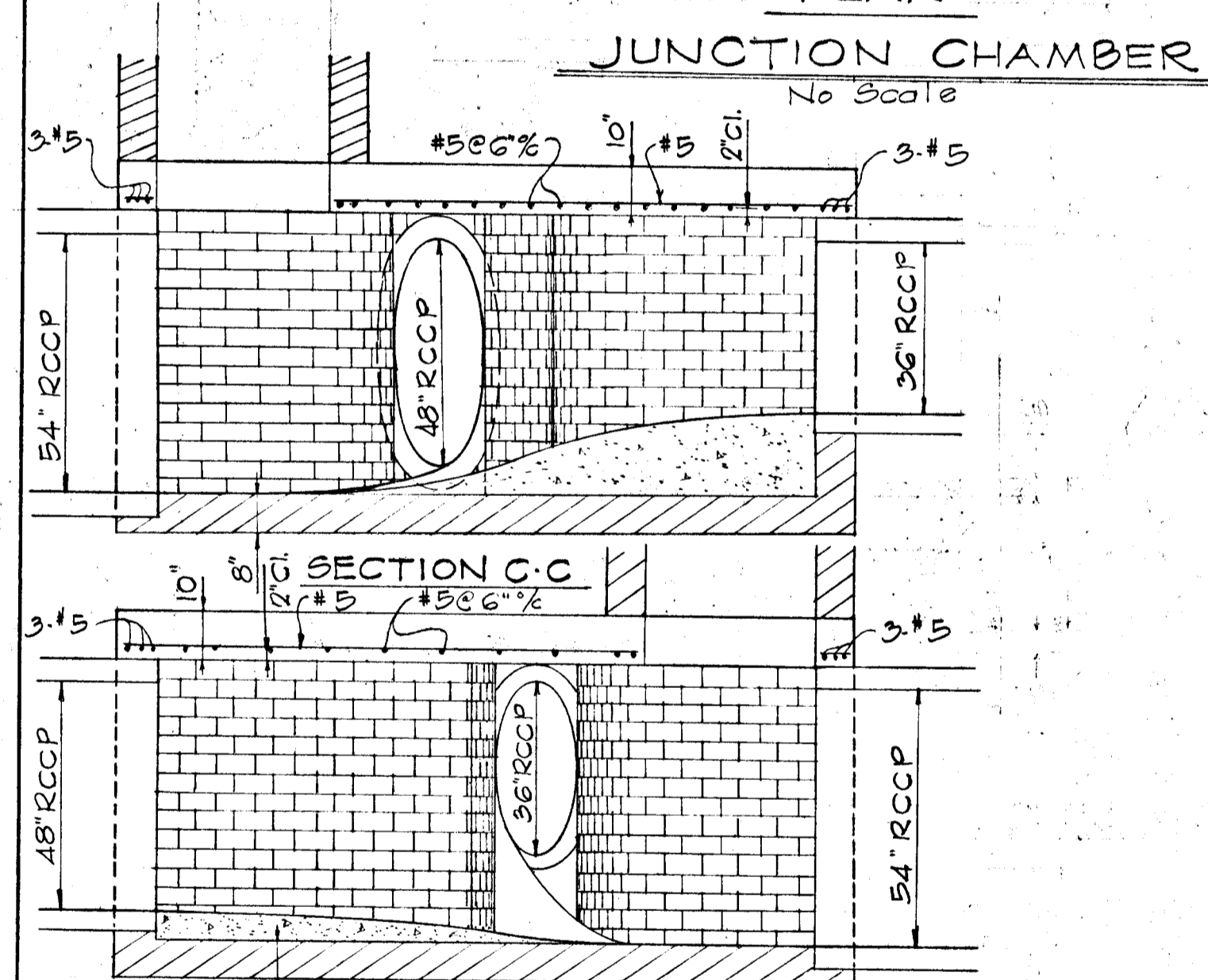
**TOP SLAB**  
 No Scale



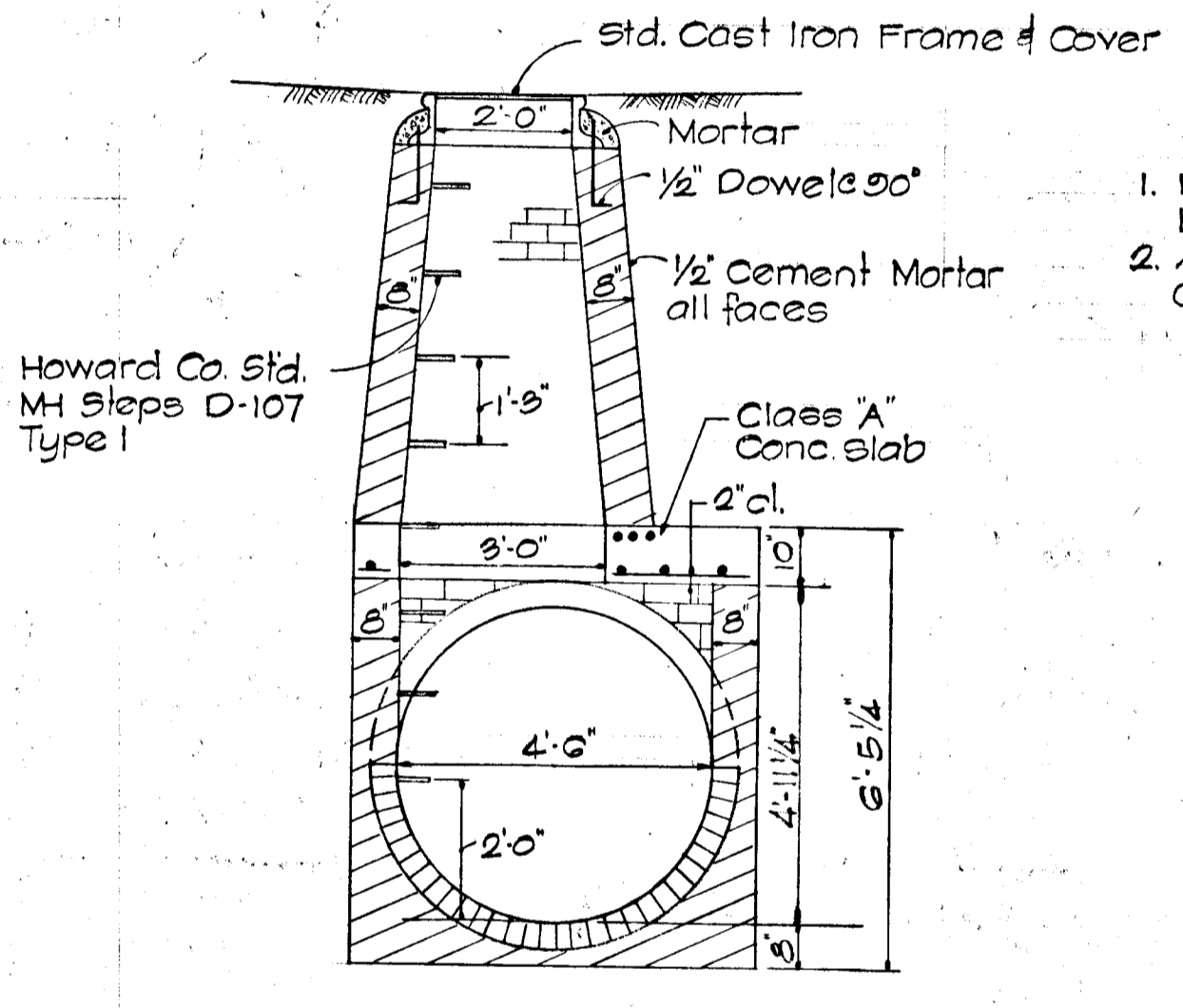
**PLAN**  
**(S-1 & S-2)**  
 Scale: 3/8" = 1'-0"

**BEND STRUCTURES**

**TOP SLAB**  
**(S-1 & S-2)**  
 Scale: 3/8" = 1'-0"

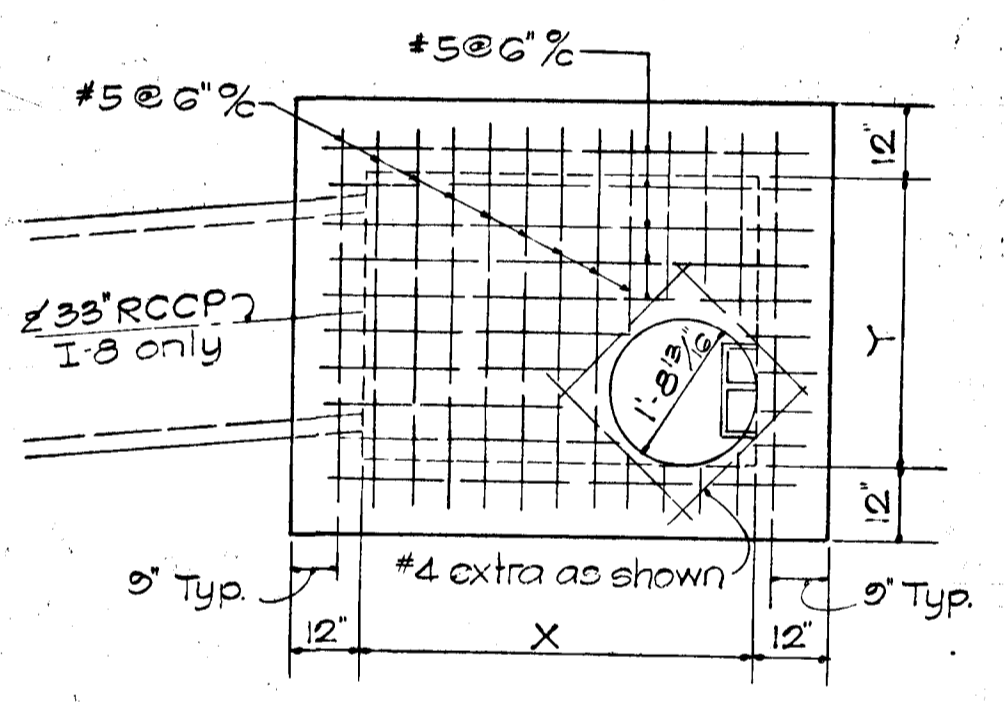


**SECTION C-C**  
**SECTION D-D**

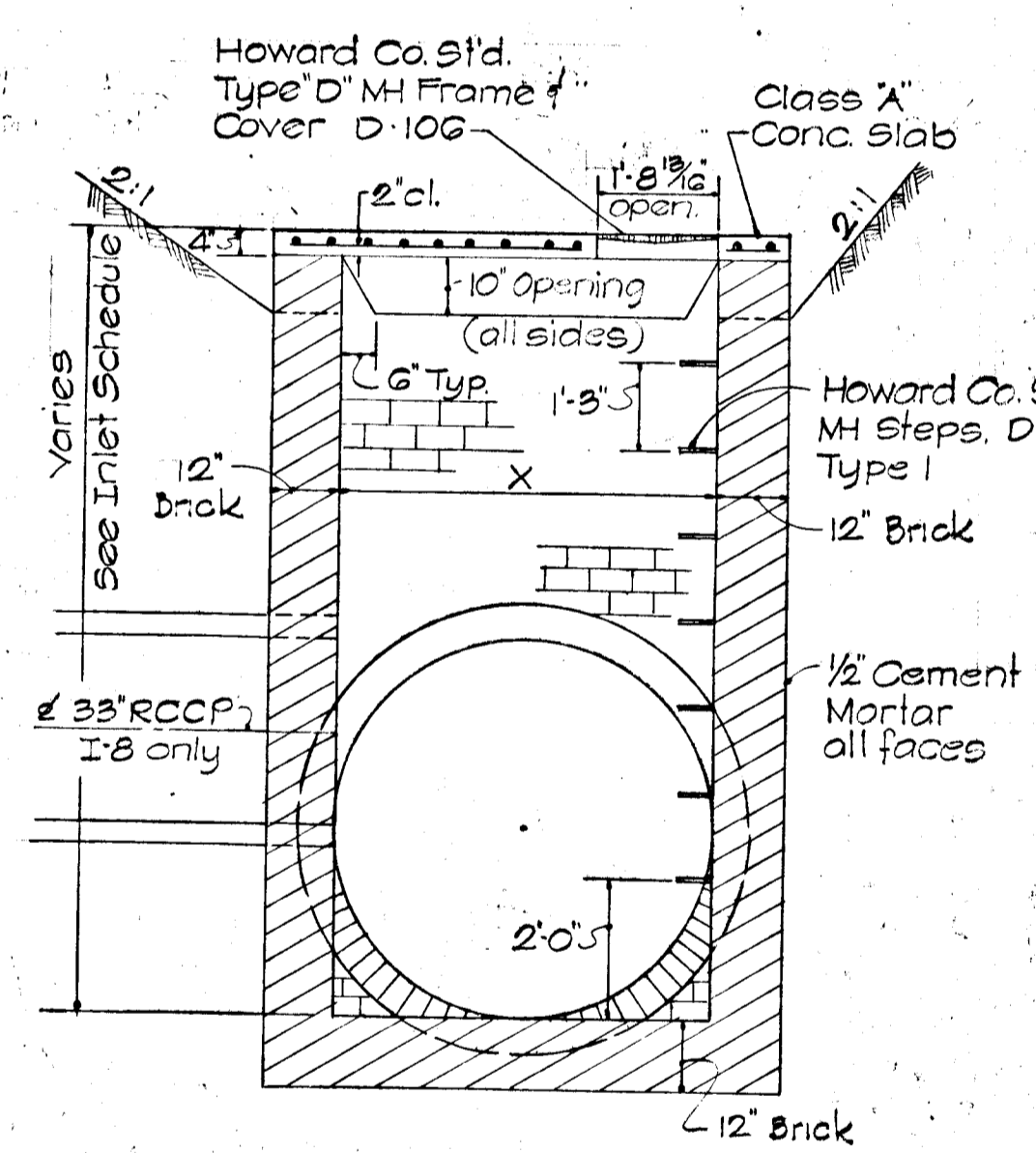


**SECTION B-B**  
 scale 3/8" = 1'-0"

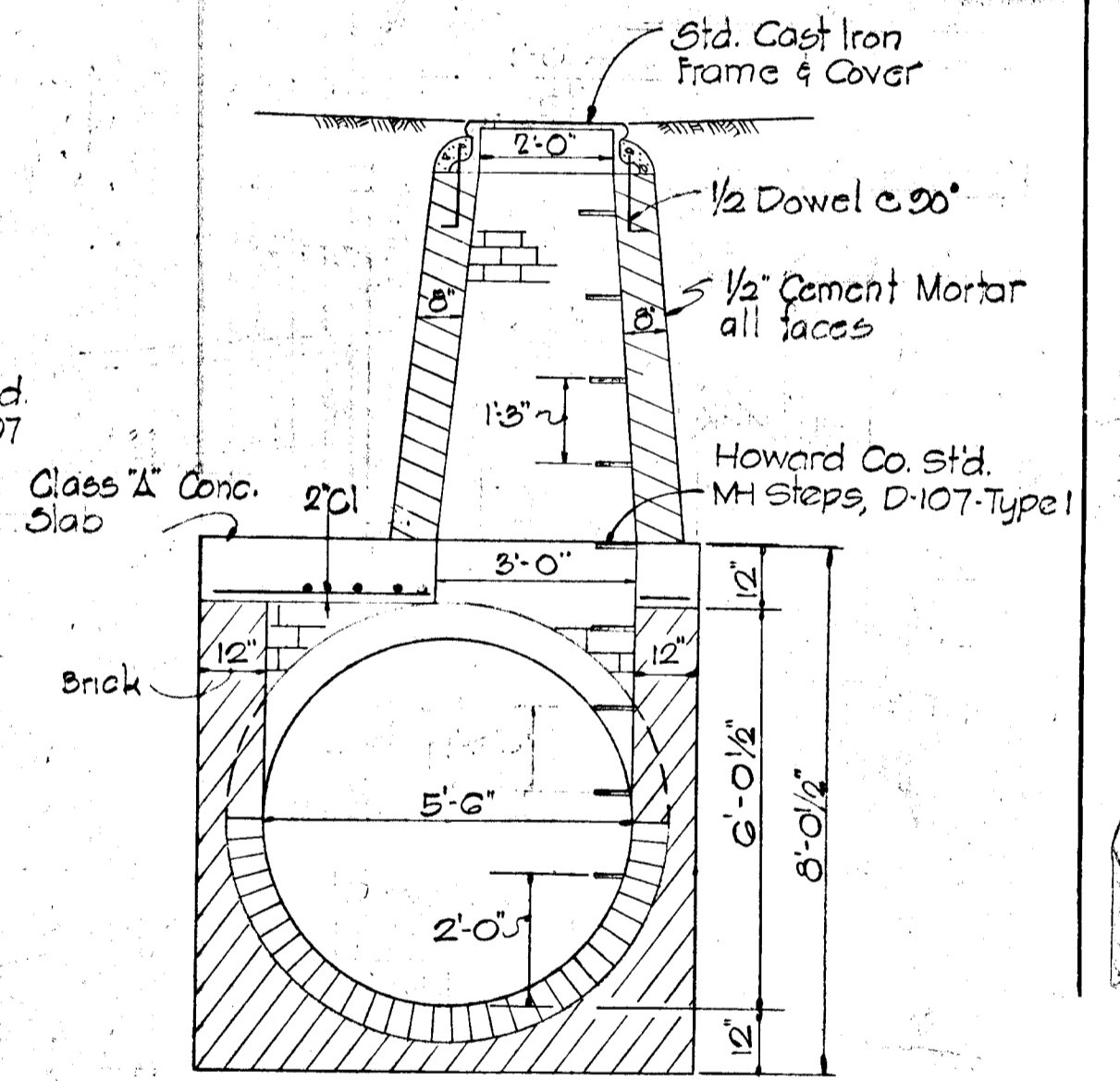
- NOTES**
1. Reinforcement shall be intermediate grade deformed bars of billet steel conforming to A.S.T.M. Specs. A15 & A305.
  2. All concrete shall be class 'A', 3500 psi, 28 day strength. Concrete shall conform to A.S.T.M. Specs. C33-57 & C-175.



**TOP SLAB**  
**(I-6 THRU I-12)**  
 scale 3/8" = 1'-0"

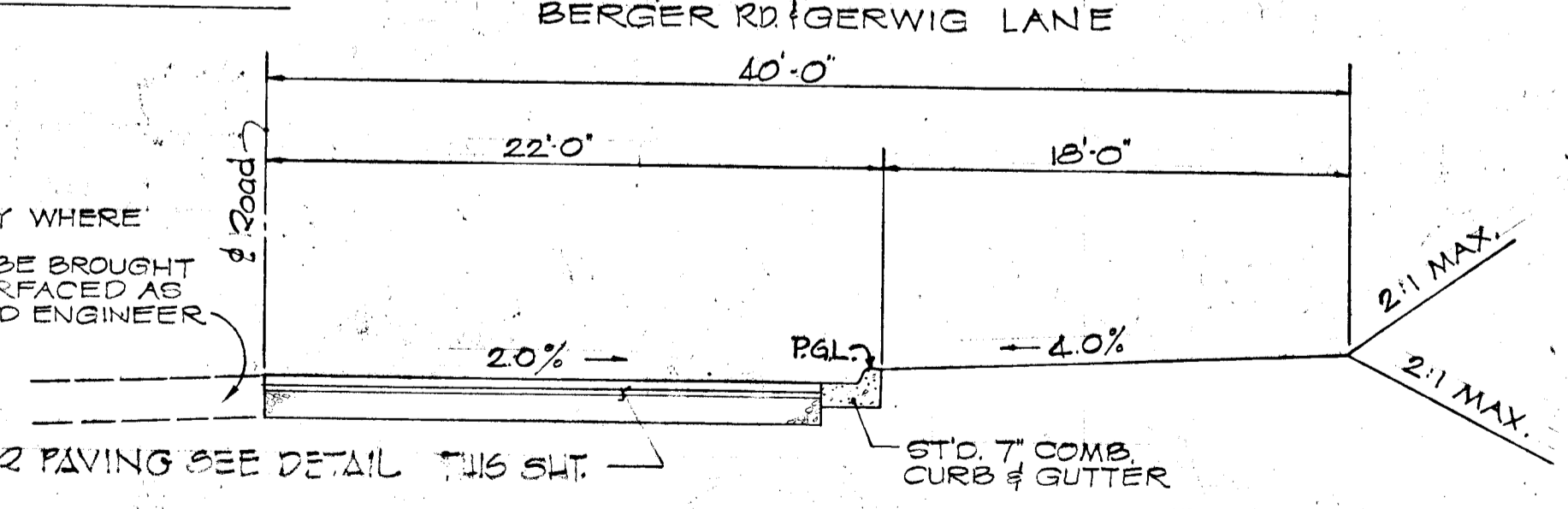


**MODIFIED INLET**  
**(I-6 THRU I-12)**  
 scale: 3/8" = 1'-0"

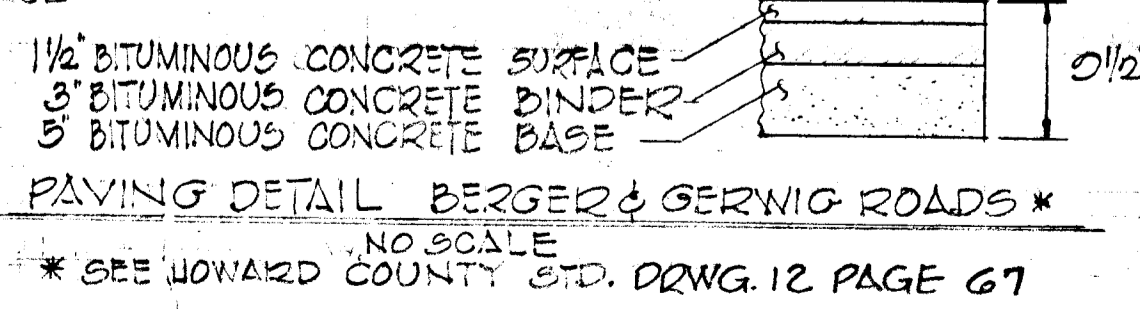


**SECTION A-A**  
**(S-2 ONLY)**  
 scale: 3/8" = 1'-0"

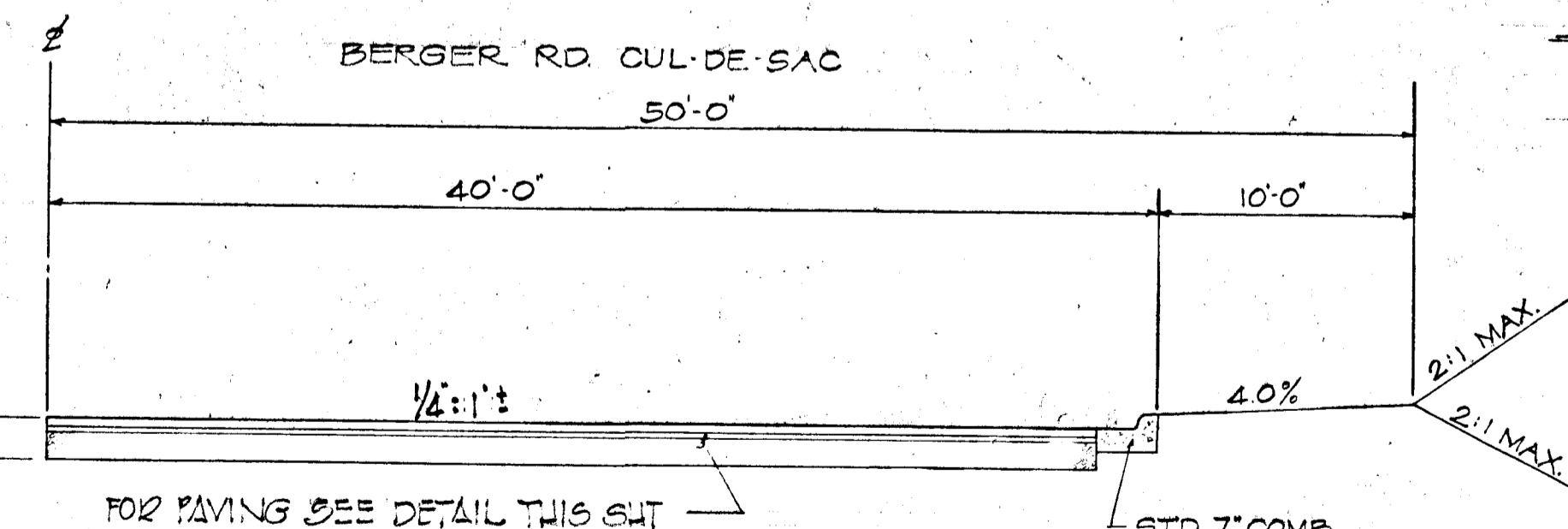
(BERGER RD ONLY WHERE APPLICABLE) EXISTING ROAD TO BE BROUGHT TO GRADE & RESURFACED AS DIRECTED BY FIELD ENGINEER



**HALF SECTION**  
**BERGER RD & GERWIG LANE**  
 40 FT PAVING ON 50 FT R/W RADIUS  
 NO SCALE



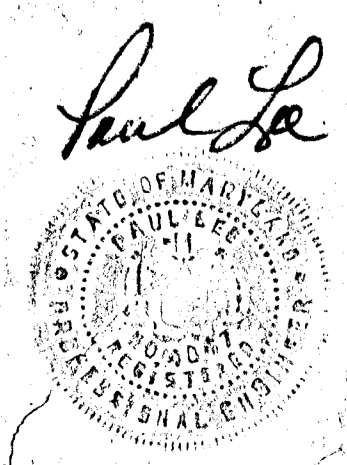
**PAVING DETAIL BERGER & GERWIG ROADS**  
 NO SCALE  
 \* SEE HOWARD COUNTY STD. DRWG. 12 PAGE 67



**CUL-DE-SAC HALF SECTION**  
 50 FT PAVING ON 50 FT R/W RADIUS  
 NO SCALE

**CUL-DE-SAC HALF SECTION**  
 40 FT PAVING RADIUS ON 50 FT. R/W RADIUS  
 NO SCALE

DIMENSION BLOCK		
INLET	X	Y
I-6	5'-6"	4'-0"
I-7	5'-6"	4'-0"
I-8	5'-6"	4'-0"
I-9	3'-0"	3'-0"
I-10	2'-6"	2'-6"
I-11	2'-6"	2'-6"
I-12	2'-6"	2'-6"



**MATZ, CHILDS & ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS  
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 TOWSON, MARYLAND 21284

AS-BUILT SURVEY 3/19/80; 4/19/80

5/28/69	1	PER HOWARD CO. COMMENTS
Rev Date	Rev No	Revision Description
<b>COLUMBIA</b>		
M A R Y L A N D		
CITY ELECTION DISTRICT HOWARD COUNTY		
OWNER AND DEVELOPER		
<b>HOWARD RESEARCH AND DEVELOPMENT CORP.</b>		
THE VILLAGE OF CROSS KEYS - BALTIMORE MARYLAND 21210		
PROJECT TITLE		
<b>STRUCTURAL DETAILS</b>		
Des. By: TJR III	Scale: AS NOTED	Proj. No. 100P10
Drawn By: TJP	Date: 8-27-69	Sheet No.
Chk. By: TJR III	Approved:	