

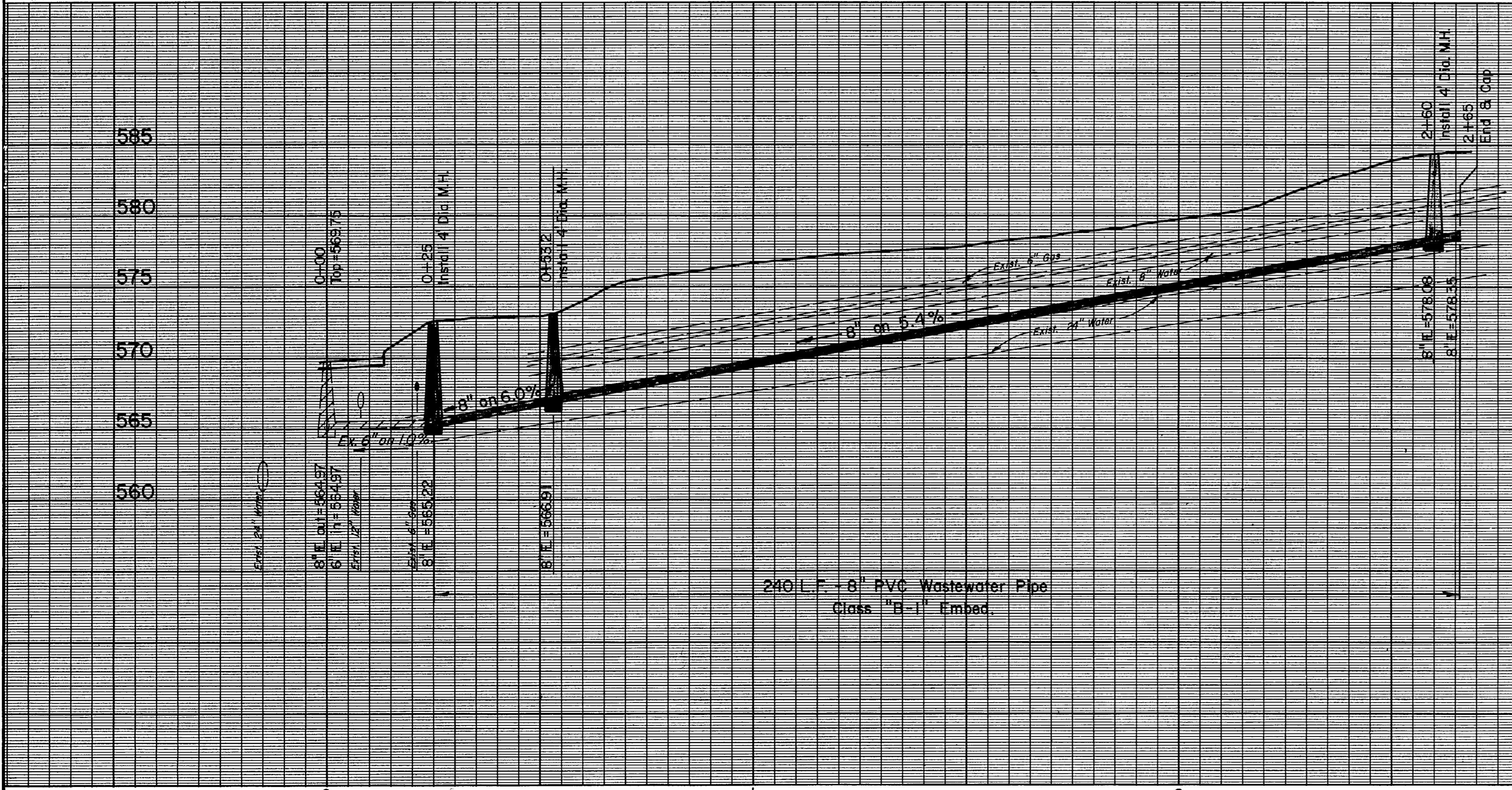
PAY ITEM	DESCRIPTION	UNIT	QTY
465.5	8" PVC SEWER PIPE SDR-35	LF	240
465.8	4' DIAMETER M.H.	EA	3

CAUTION!
Underground Gas Main In This Area.
Contact Lone Star Gas Company 2
Working Days Prior To Construction.
Call MR. Leon Weatherford At
276-1171

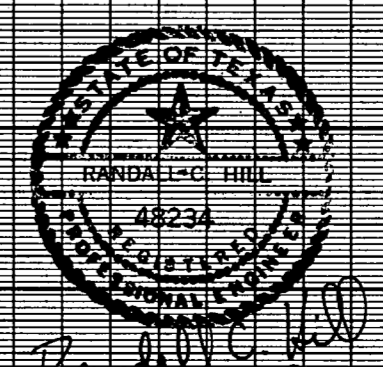
NOTE: Contractor to Verify Location & Elevation of Existing 6" PVC Sanitary Sewer Prior to Construction.

BLK. 8171

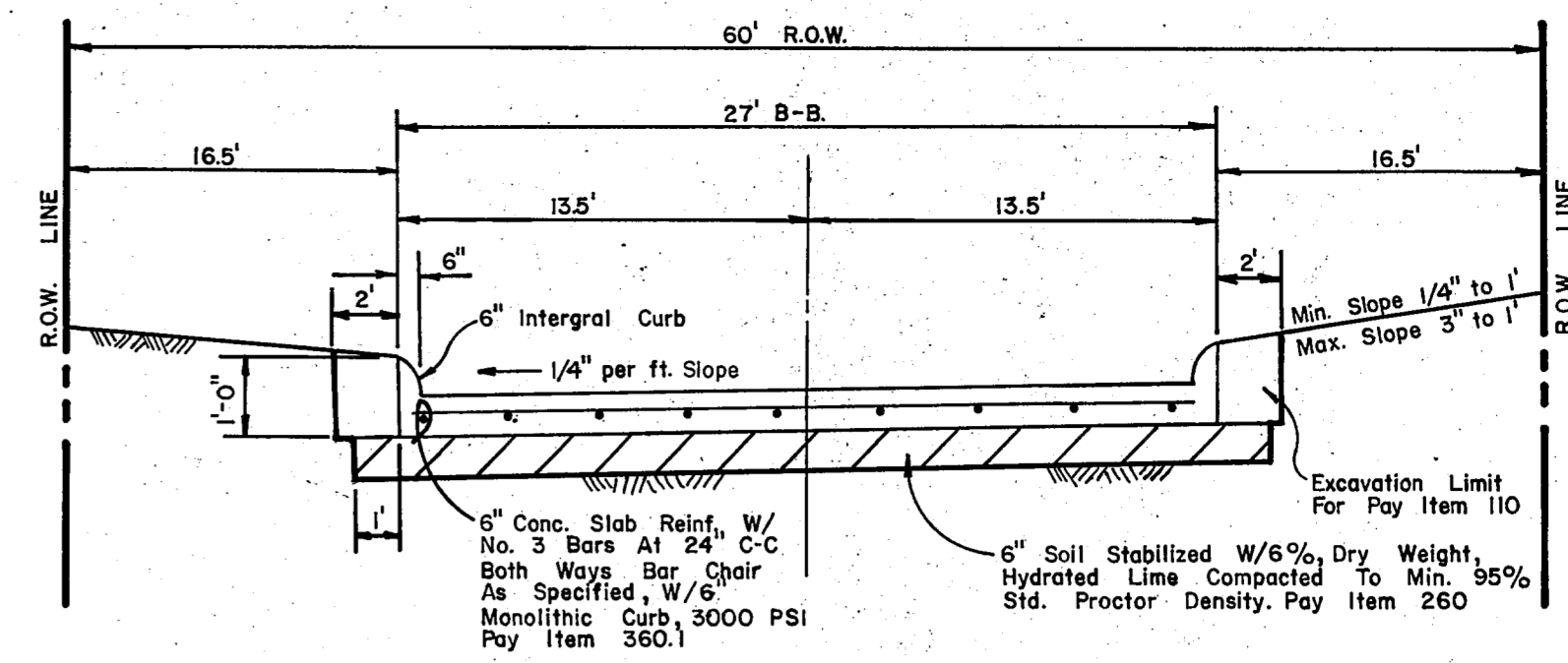
B.M. "□" CUT ON HEADWALL, EAST SIDE OF WINNWOOD, 180' SOUTH OF BELT LINE ROAD. ELEV. 555.79 (M.S.L.)
B.M. "□" CUT CENTER FRONT PORCH 5555 CELESTIAL ROAD. ELEV. 577.95 (M.S.L.)



RECORD DRAWING 110

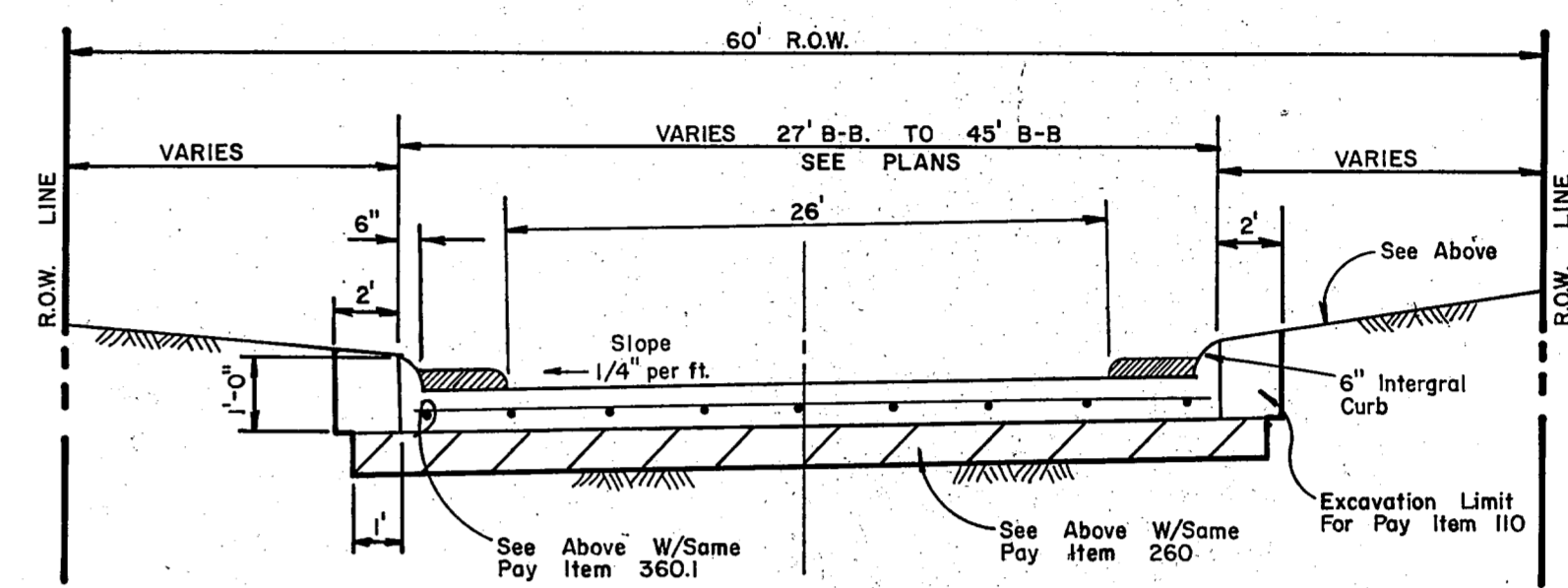


WATER & SANITARY SEWER						
WINNWOOD RD. SAN. SWR. IMPROVEMENTS						
PLAN & PROFILE						
WATER UTILITIES DEPARTMENT						
CITY OF DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
TEC	TEC	DEC. 1988	1" = 20' H 1" = 6' V		411Q	1960



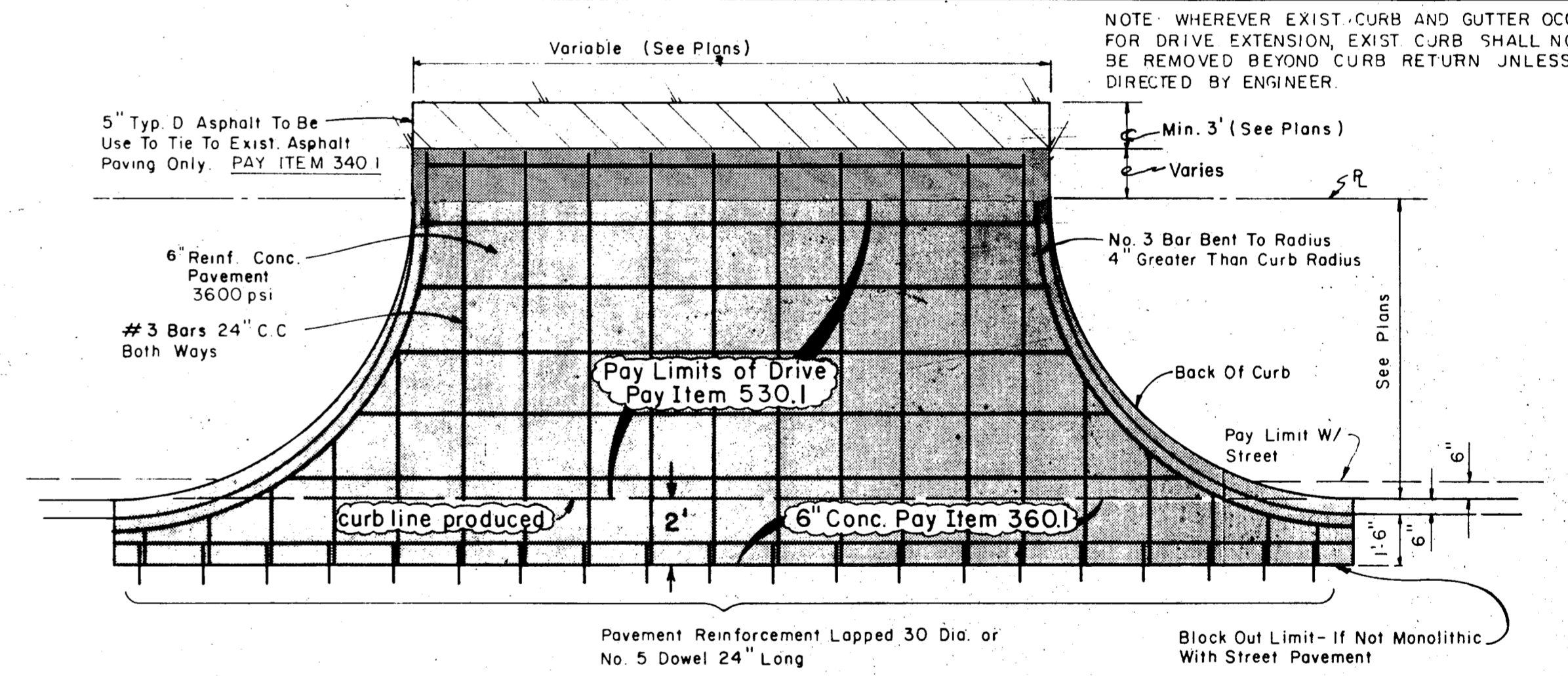
TYPICAL PAVING SECTION
STA. 4+00 TO STA. 27+00

NOTES: 1. Backfill material NOT A SEPARATE PAY ITEM. Material acquired from excavation may be used if approved by Engineer.
2. Right (West) T.C. Elevation Higher than Left (East) T.C. Elevation, See Plans



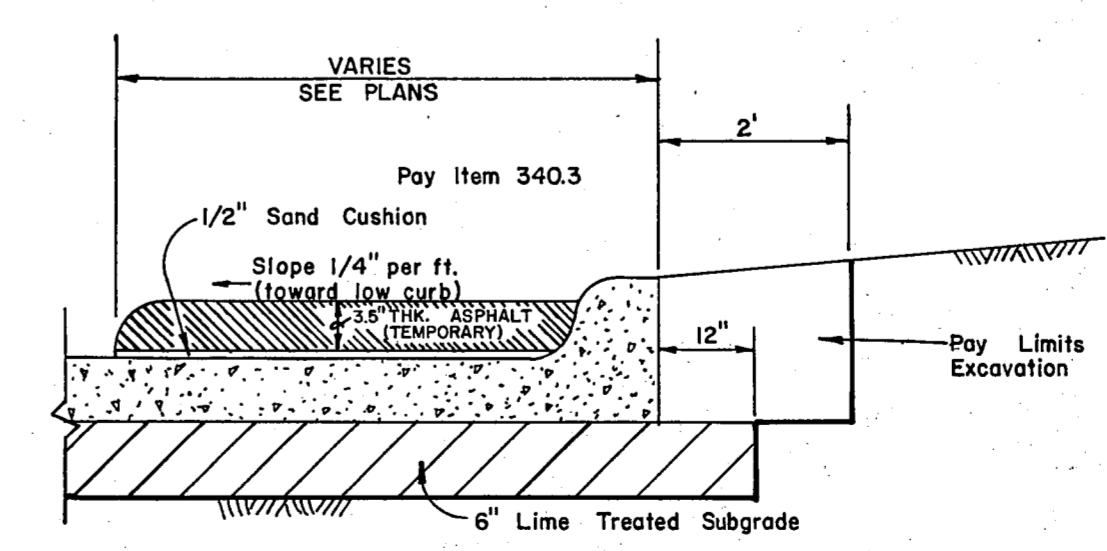
TRANSITION
STA. 2+45.55 TO STA. 4+00

NOTES: 1. Backfill material NOT A SEPARATE PAY ITEM. Material acquired from excavation may be used if approved by Engineer.
2. Right (West) T.C. Elevation Higher than Left (East) T.C. Elevation, See Plans

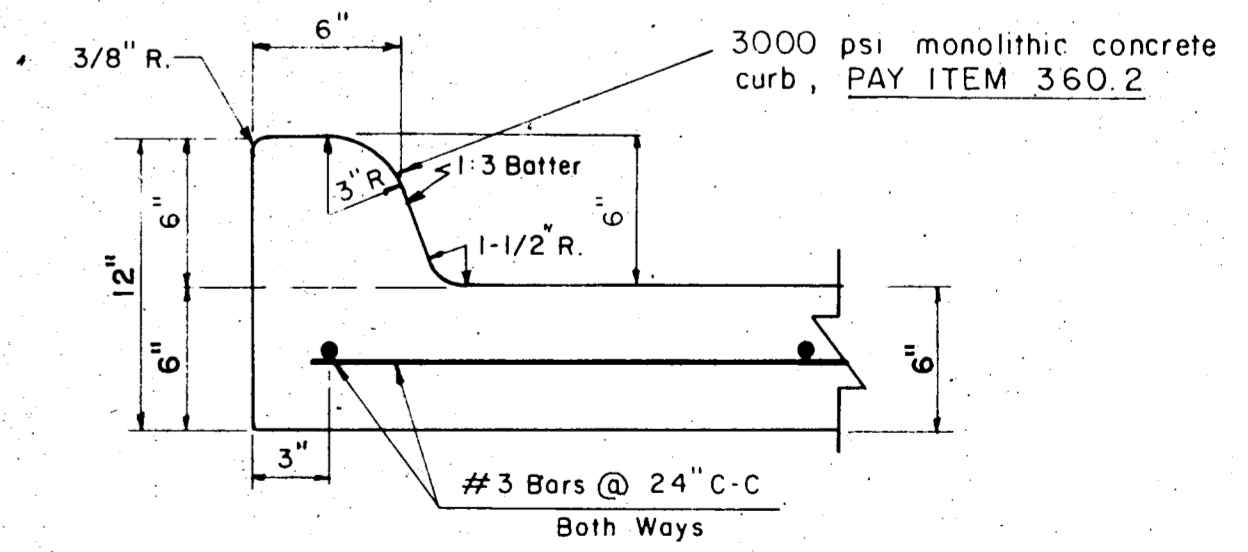


DRIVEWAY PAVING DETAIL

NOTE: WHEREVER EXIST CURB AND GUTTER OCCURS FOR DRIVE EXTENSION, EXIST CURB SHALL NOT BE REMOVED BEYOND CURB RETURN UNLESS DIRECTED BY ENGINEER



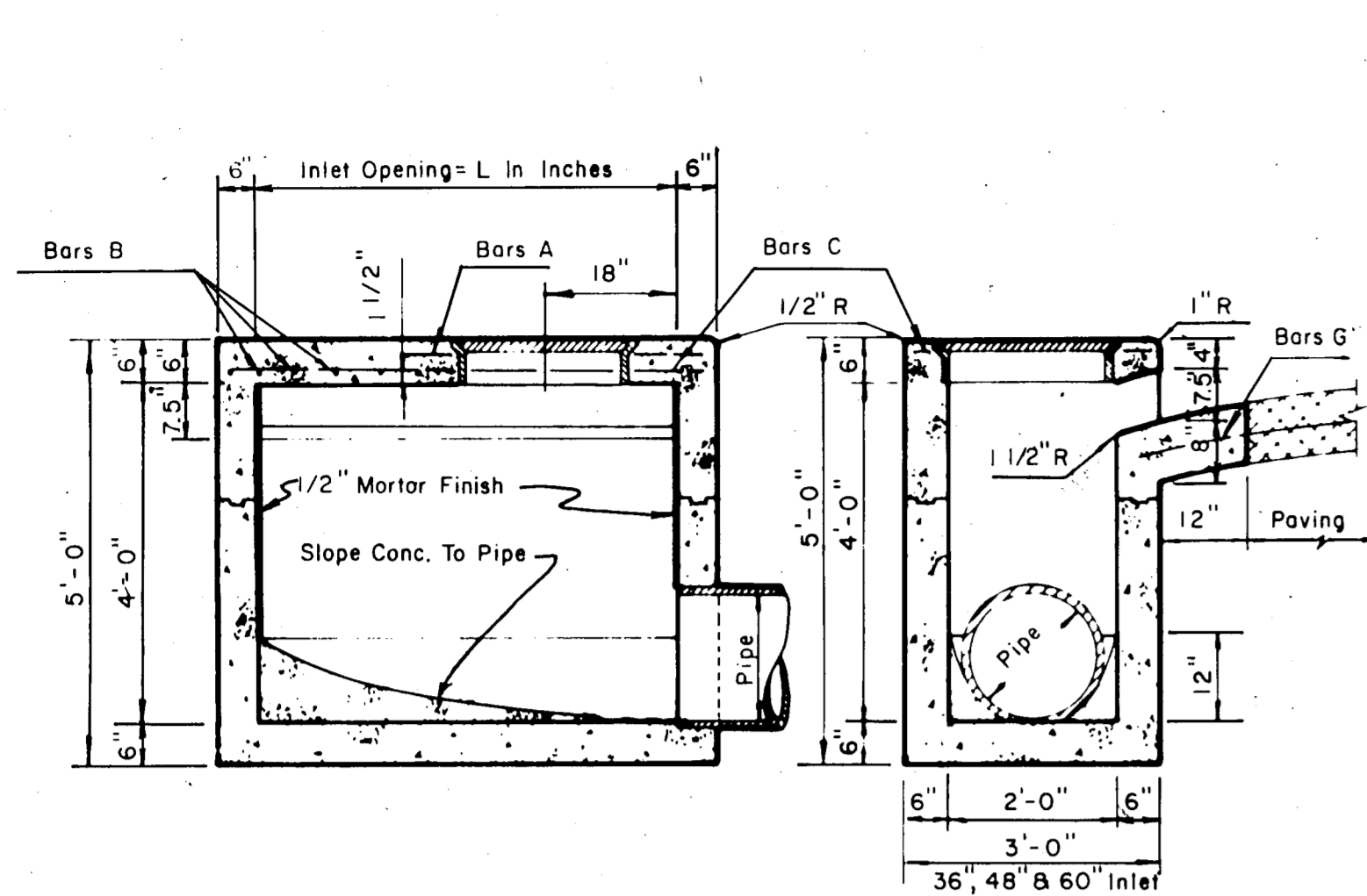
TEMPORARY ASPHALT CURB
STA. 2+45.55 TO STA. 4+00



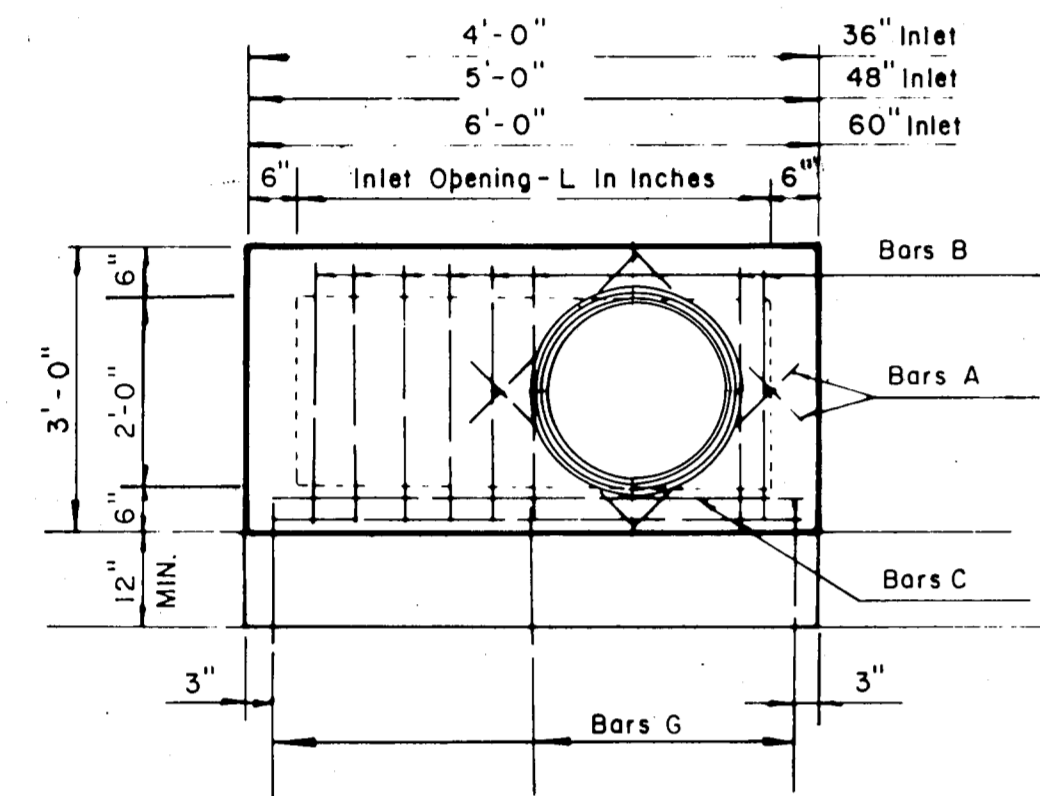
6" INTEGRAL CURB & GUTTER DETAIL

RECORD DRAWING

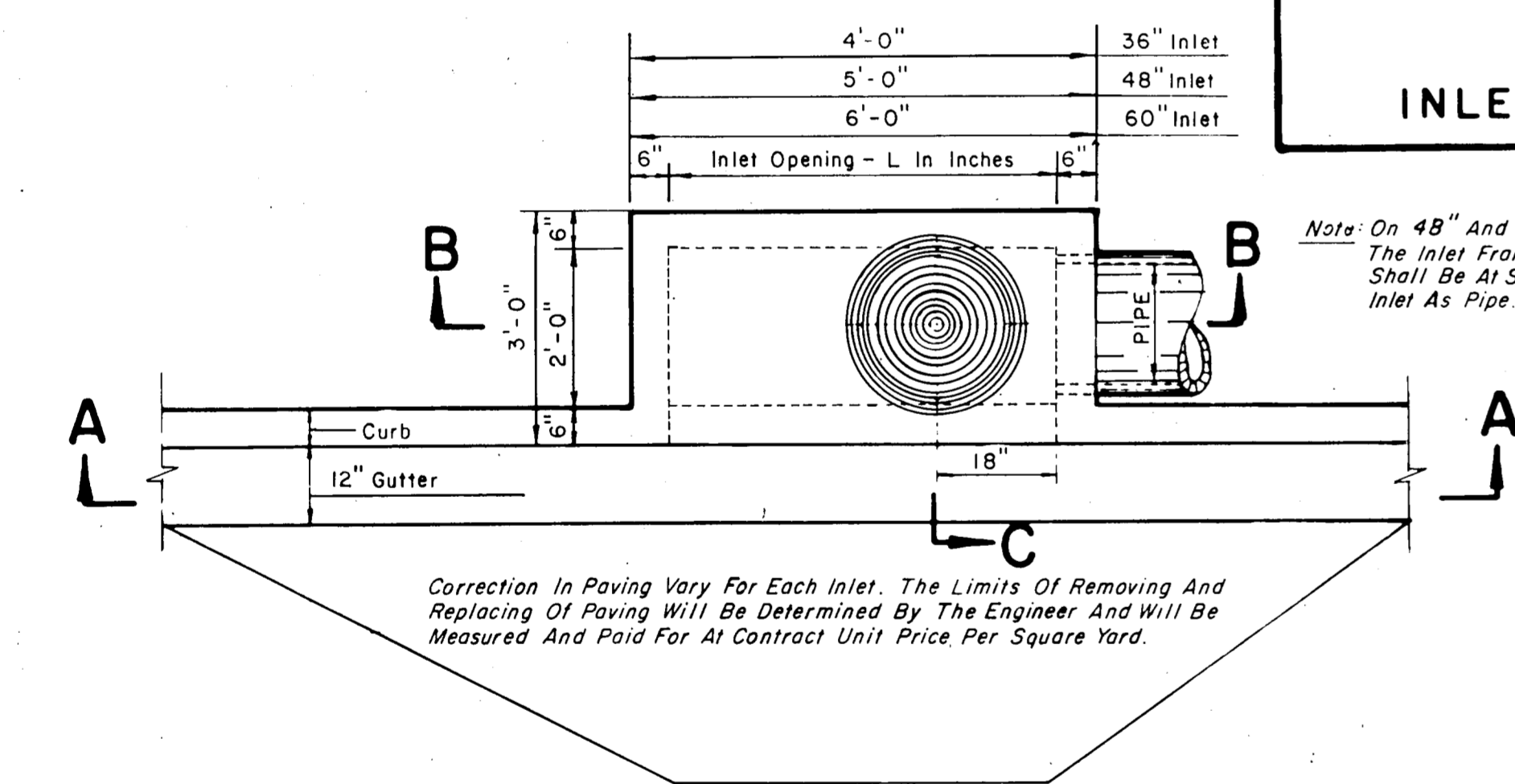
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
WINNWOOD/CELESTIAL ROAD IMPROVEMENTS			
PAVING DETAILS A			
GINN, INC.			
Consulting Engineers Dallas, Texas			
DESIGNED - H.K.	DRAWN - S.M.M.	DATE - OCT., 1985	JOB No. 265
APPROVED - H.G.	CHECKED - G.F.	SCALE - NONE	SHEET 12 OF 29



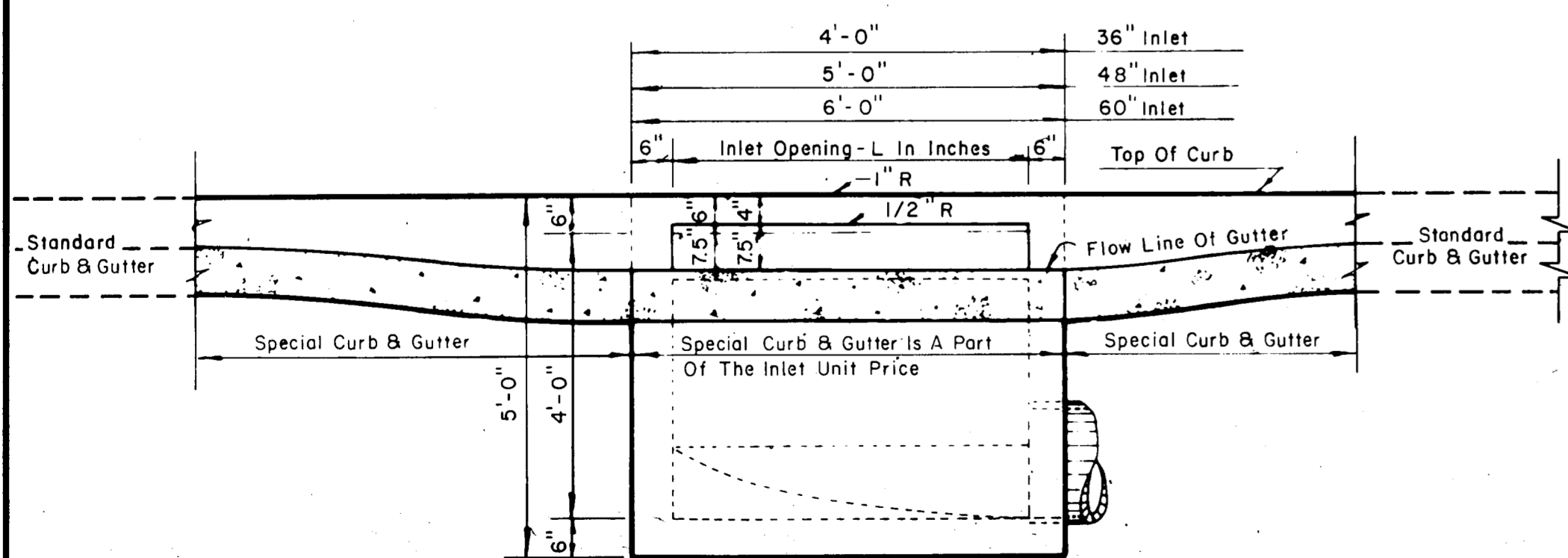
SECTION B-B SECTION C-C



REINFORCING PLAN

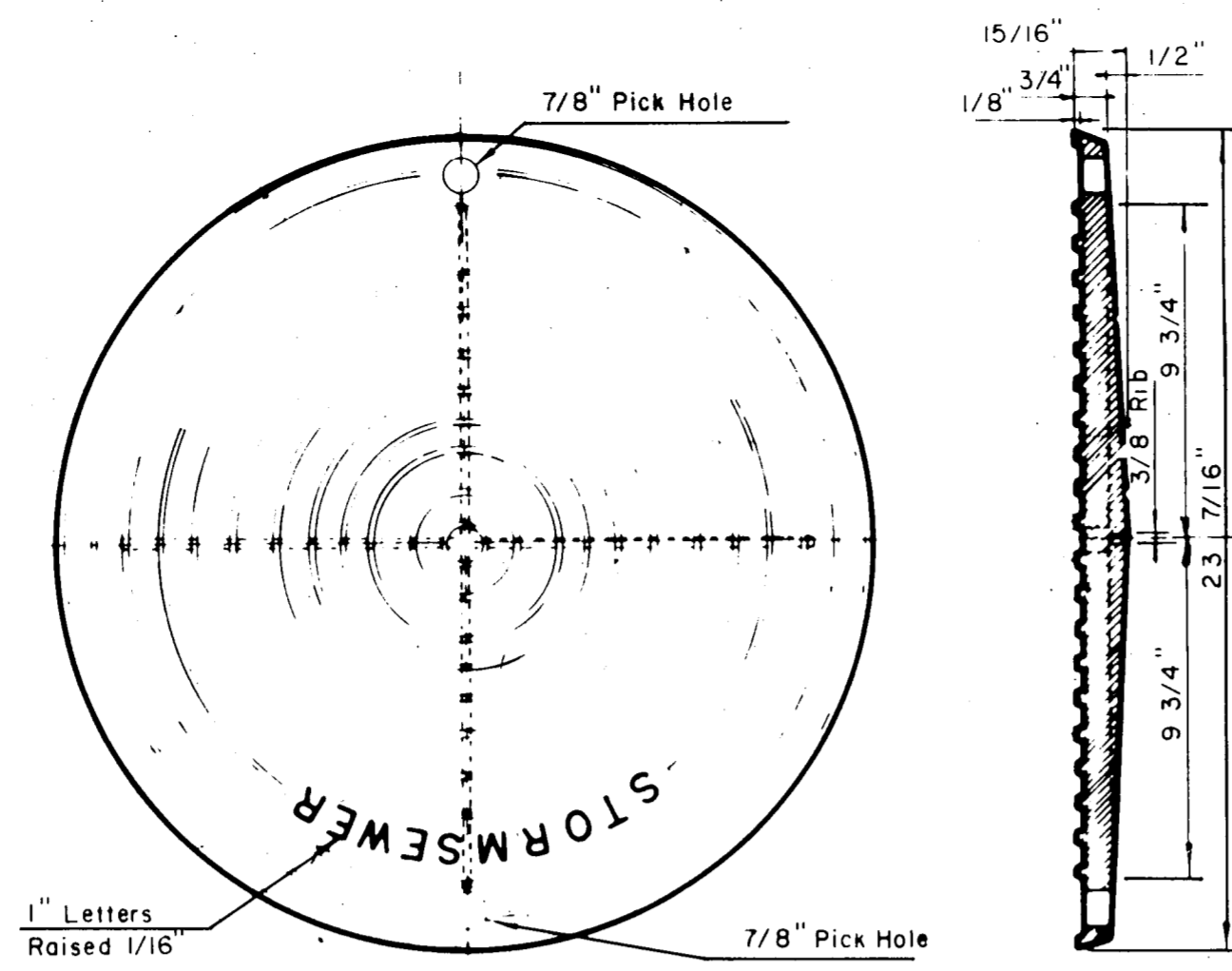


PLAN

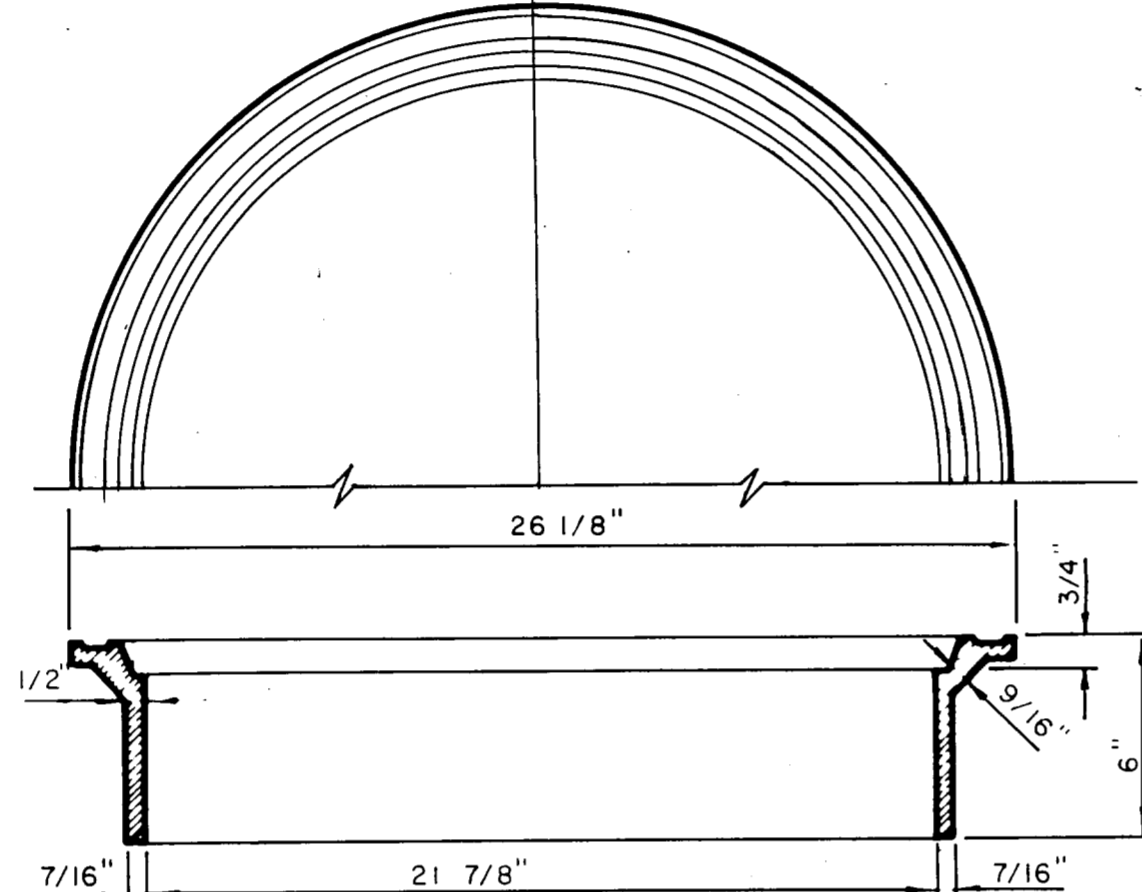


SECTION A-A

36, 48 AND 60 INCH INLETS



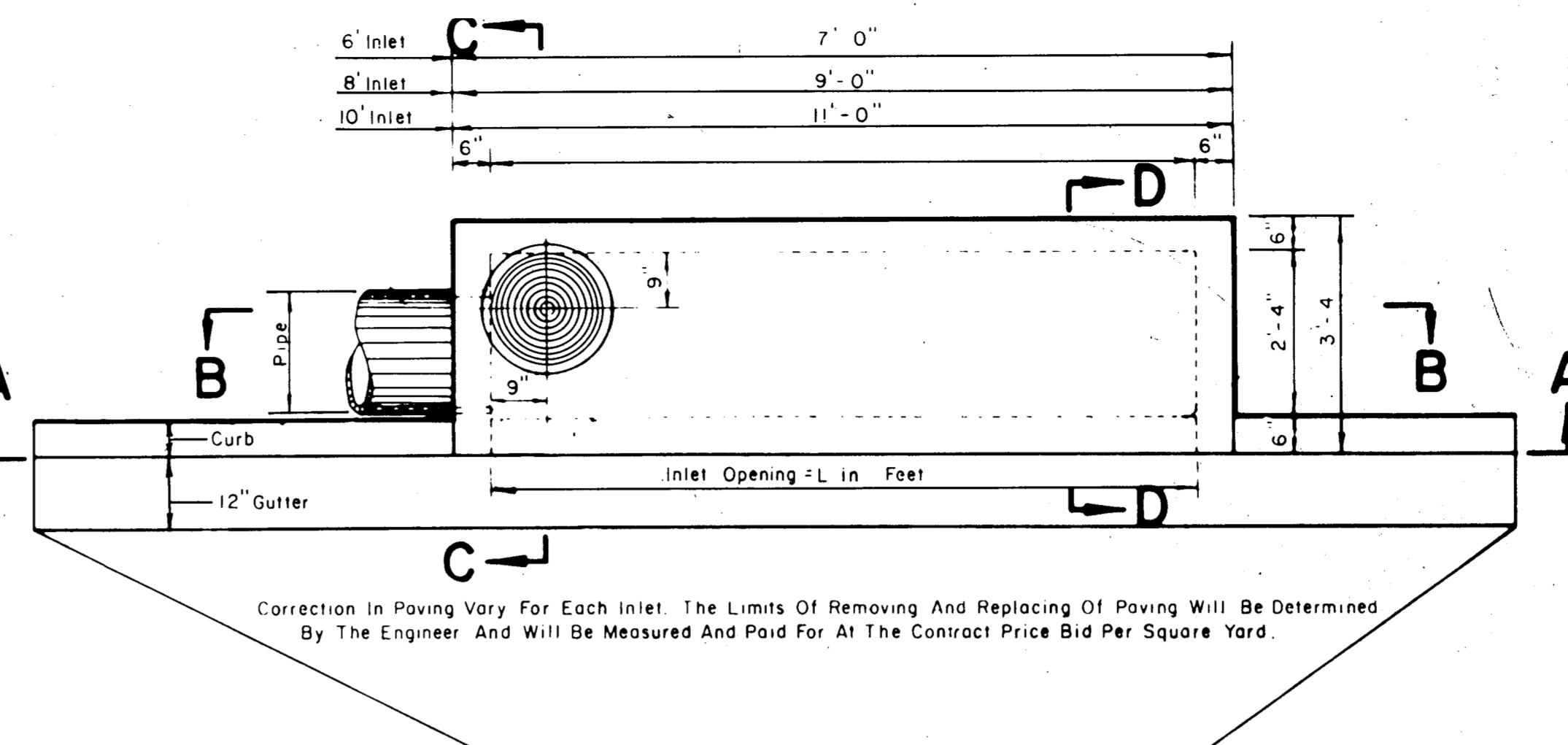
PLAN OF COVER



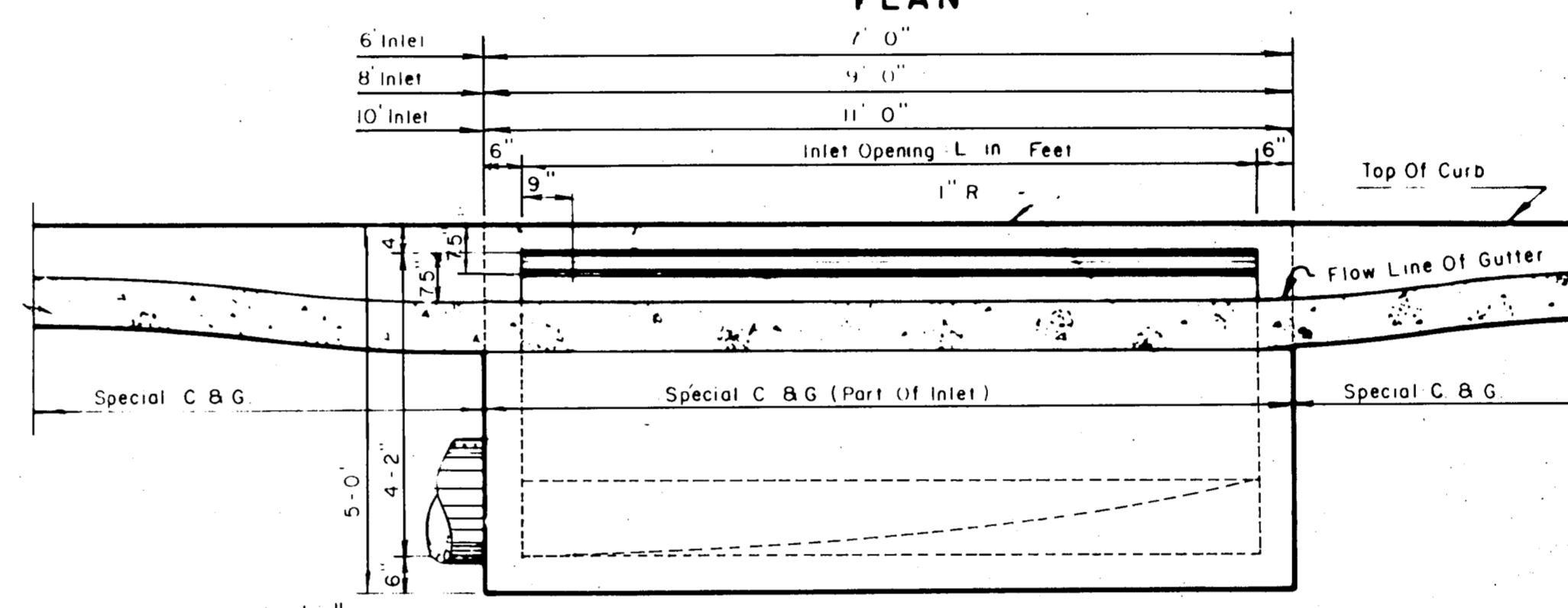
SECTION OF FRAME INLET FRAME AND COVER

Note: On 48" and 60" Inlets The Inlet Frame and Cover Shall Be At Same End of Inlet As Pipe.

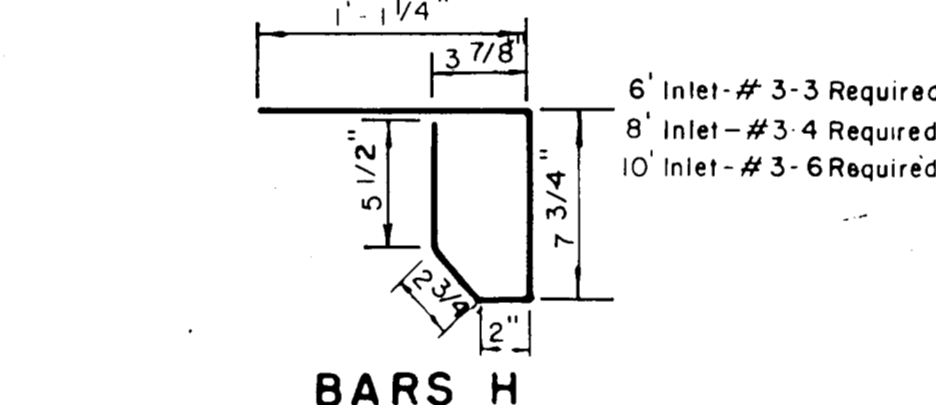
2'-6"	36" Inlet - #5-4 Required
2'-6"	48" Inlet - #5-4 Required
2'-6"	60" Inlet - #5-4 Required
BARS A	
2'-9"	36" Inlet - #5-4 Required
2'-9"	48" Inlet - #5-6 Required
2'-9"	60" Inlet - #5-8 Required
BARS B	
3'-9"	36" Inlet - #5-2 Required
4'-8"	48" Inlet - #5-2 Required
5'-9"	60" Inlet - #5-2 Required
BARS C	
3'-0"	36", 48" & 60" Inlets #3-3 Required
BARS G	



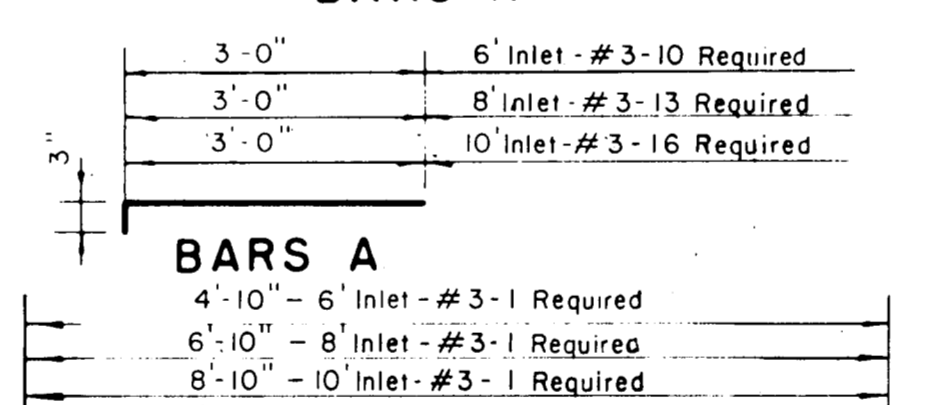
PLAN



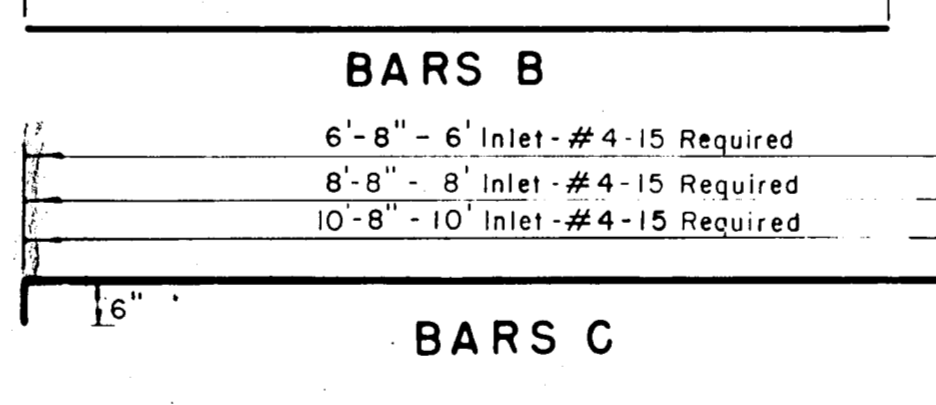
SECTION A-A



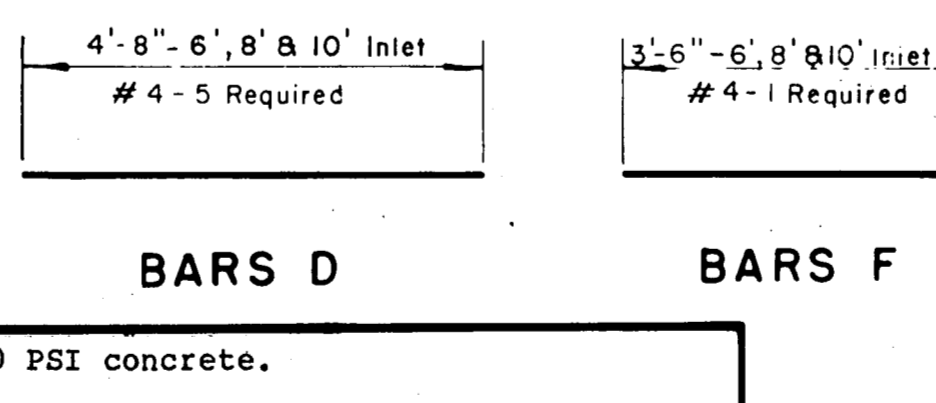
BARS H



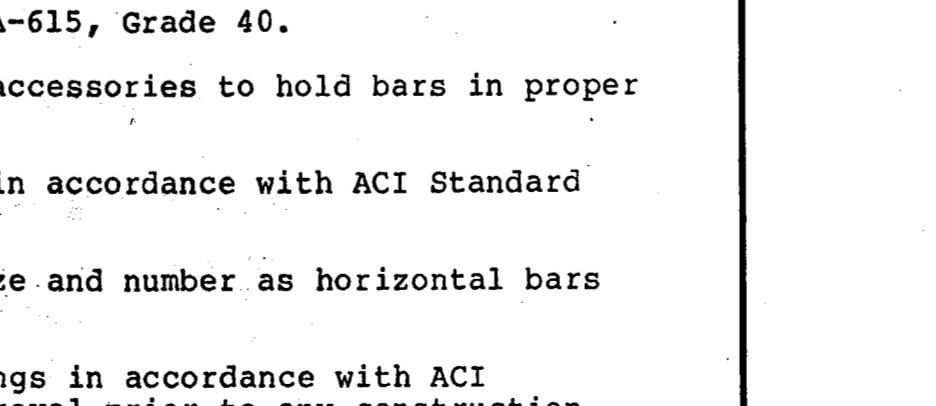
BARS A



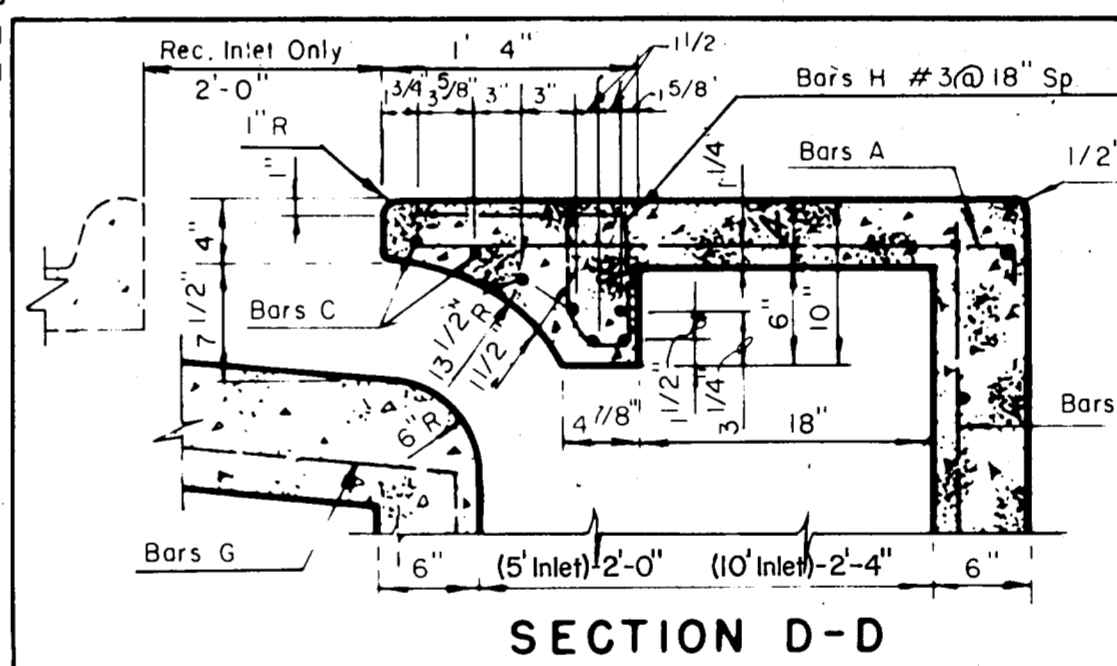
BARS B



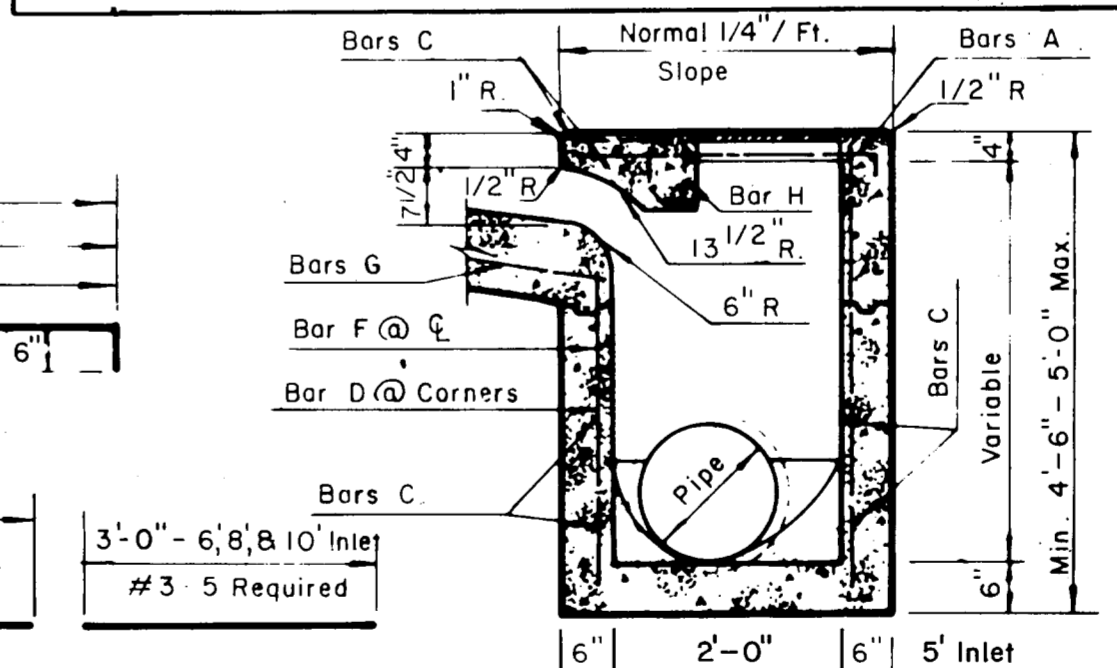
BARS C



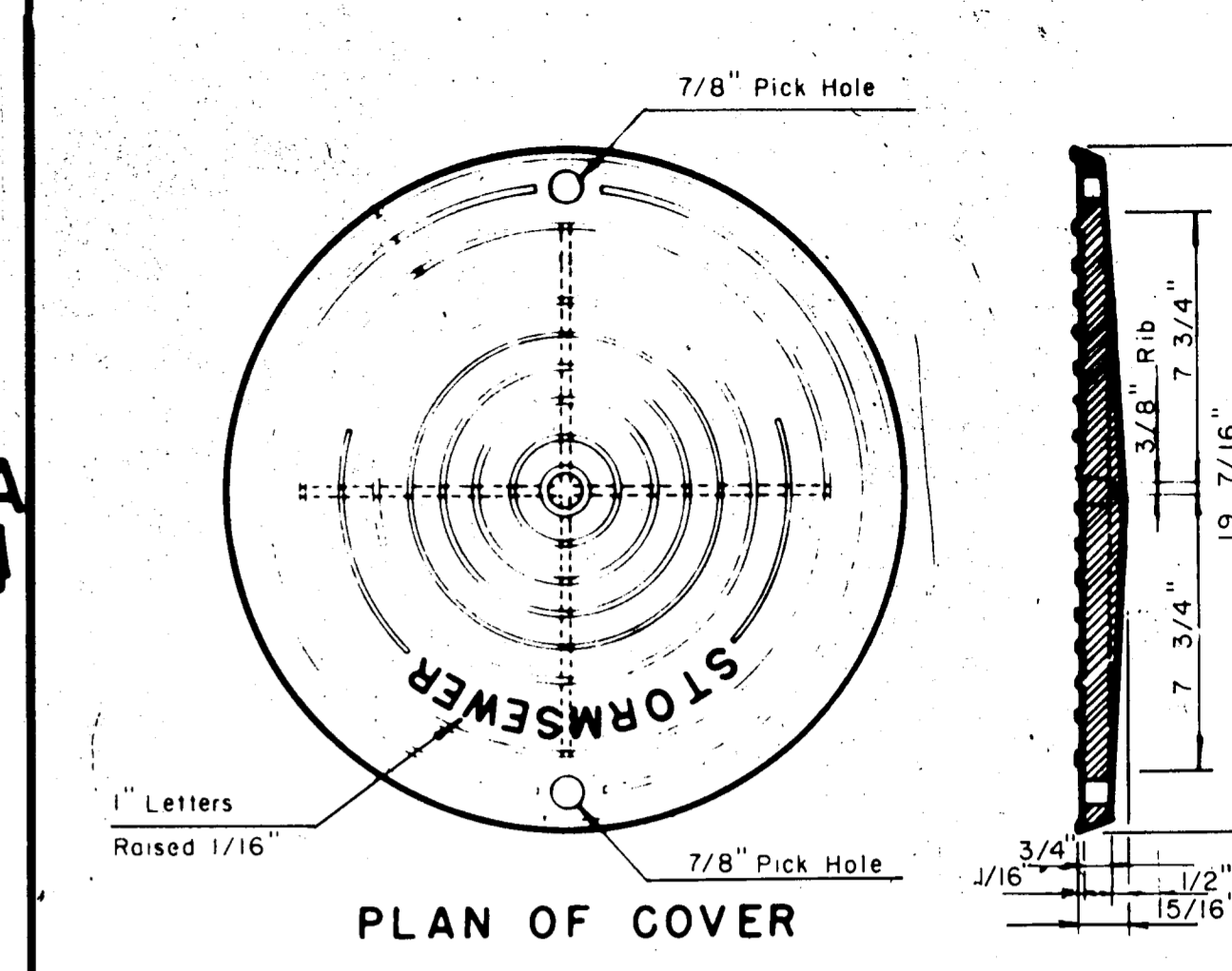
BARS D



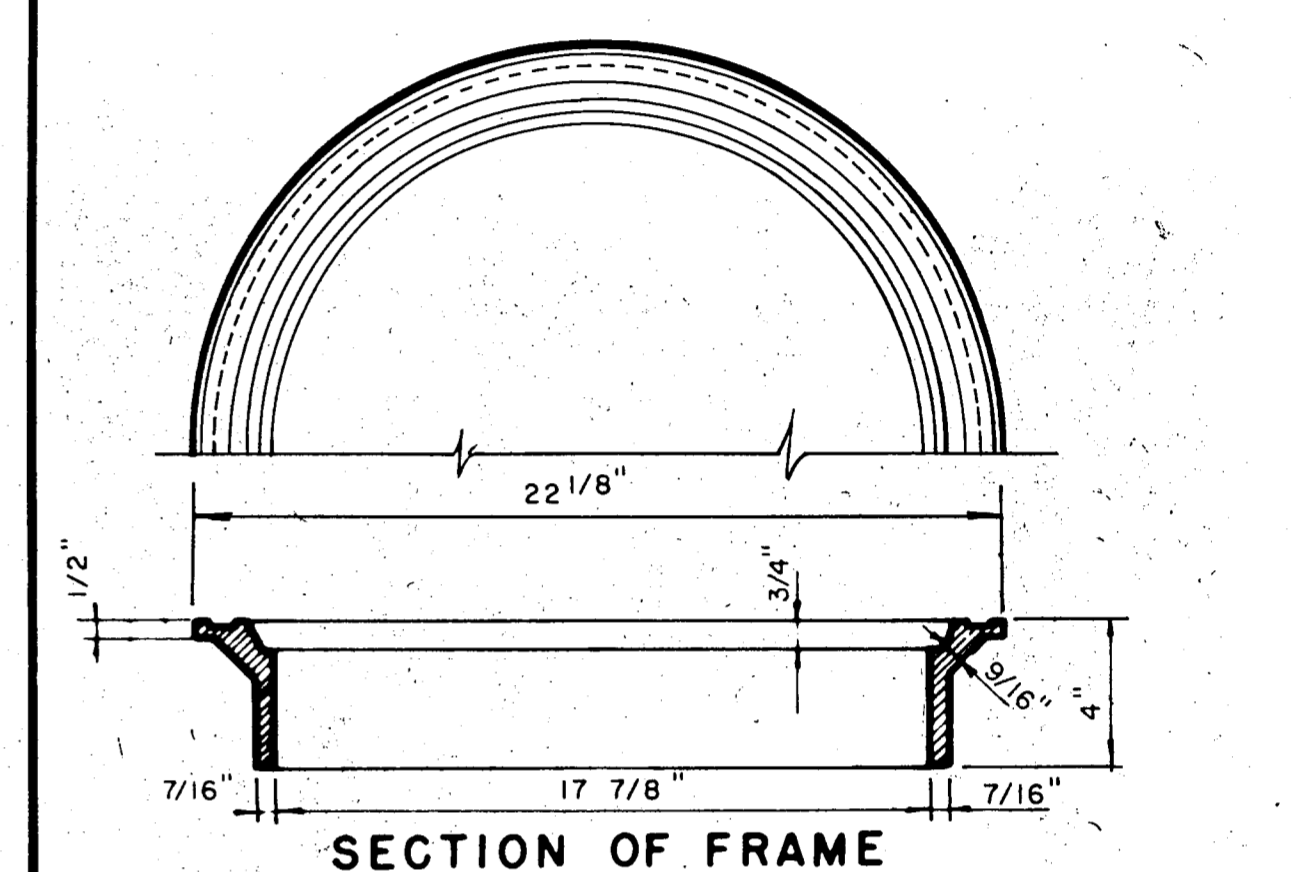
SECTION D-D



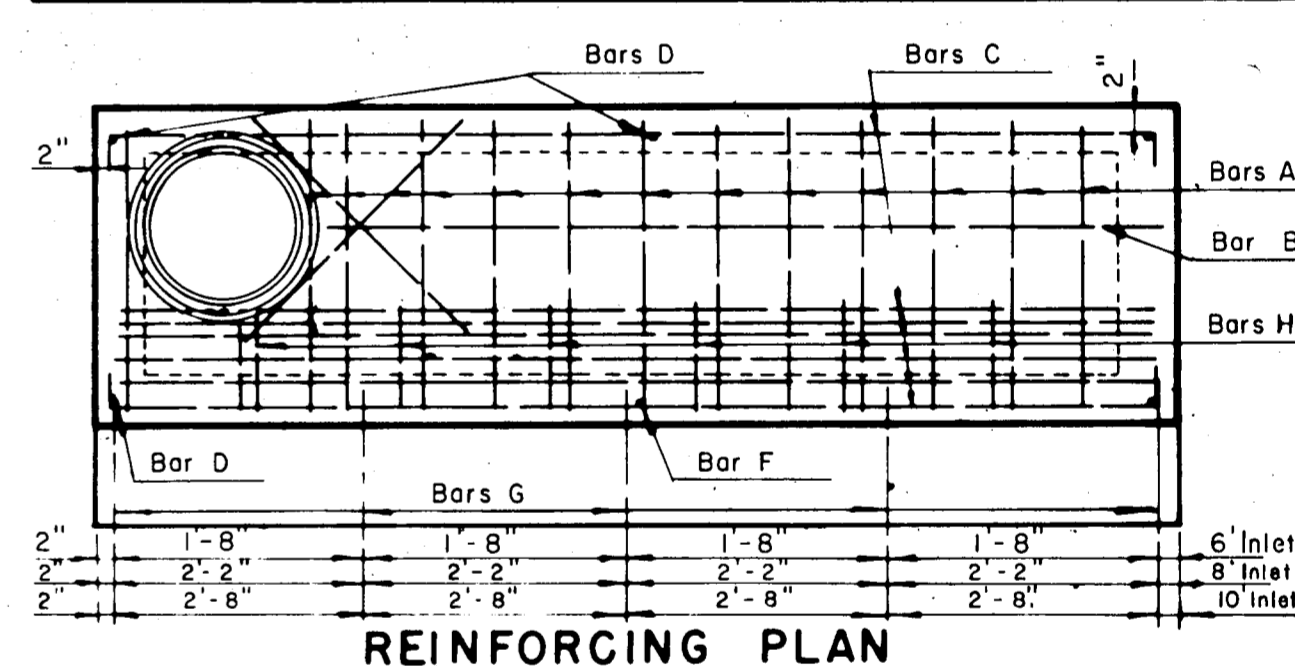
SECTION C-C



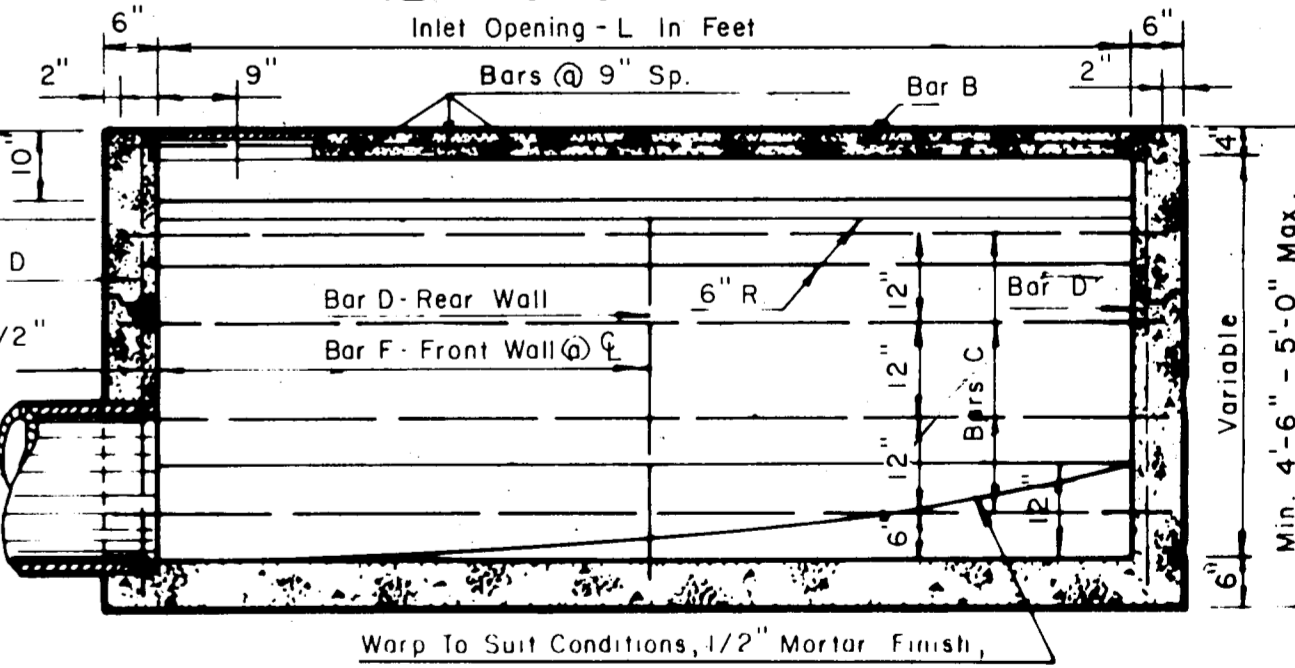
PLAN OF COVER



SECTION OF FRAME INLET FRAME AND COVER



REINFORCING PLAN



SECTION B-B

- All concrete shall be Class A, 3000 PSI concrete.
- Reinforcing shall conform to ASTM A-615, Grade 40.
- Provide all necessary reinforcing accessories to hold bars in proper position.
- All reinforcing shall be detailed in accordance with ACI Standard 315.
- Provide corner bars of the same size and number as horizontal bars at all corners.
- Contractor shall submit shop drawings in accordance with ACI Standards, latest edition, for approval prior to any construction being done, showing all information as to exact location, size, number, bending, splicing and placing schedules and lists of reinforcement. No work shall commence on structures until approval of shop drawings is received.
- The 12" gutter in front of inlet is a part of the inlet and shall be built with the inlet.
- Top of inlet slope shall conform to adjacent parkway normal 1/4"/ft. slope.

STANDARD CURB INLET

36, 48 & 60 INCH INLET
6, 8 & 10 FOOT INLET

6, 8 AND 10 FOOT INLETS

RECORD DRAWING

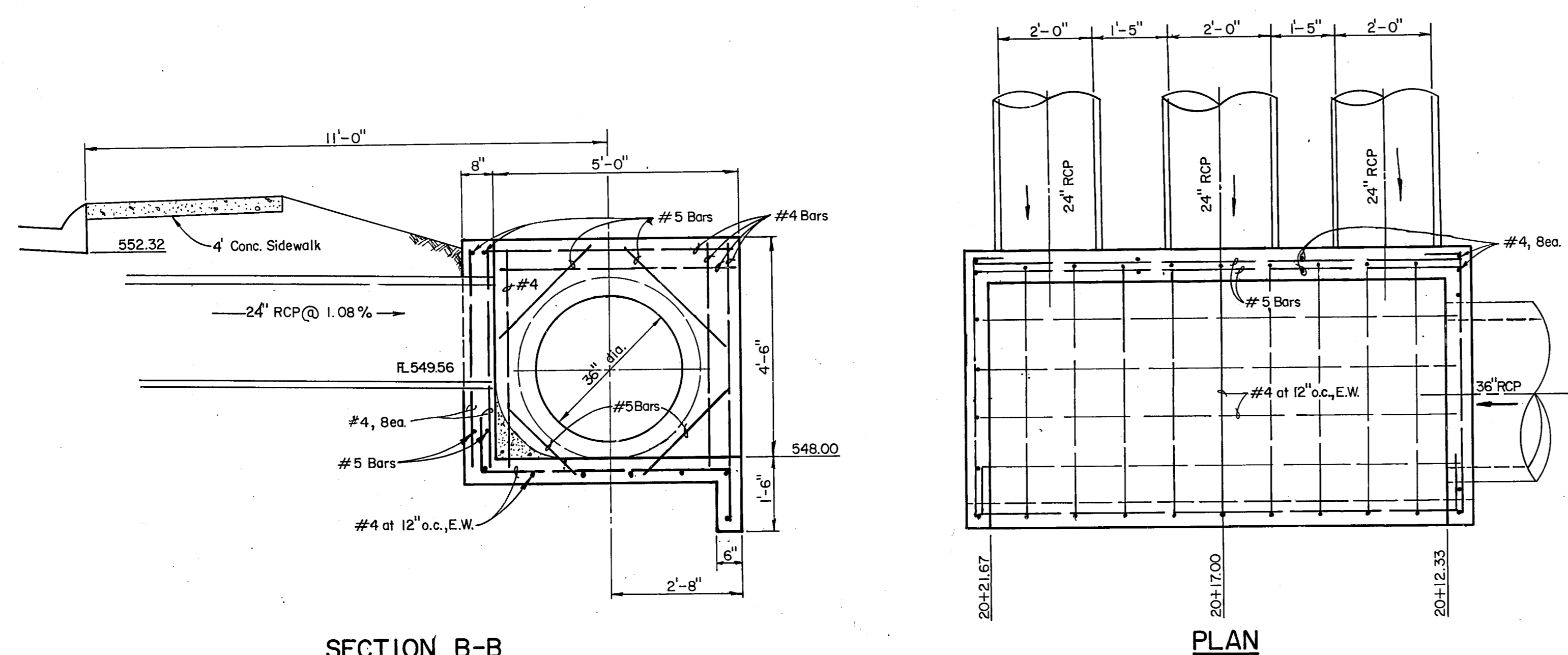
TOWN OF ADDISON
DALLAS COUNTY, TEXAS
WINNWOOD/CELESTIAL RD. IMPROVEMENTS

DRAINAGE DETAILS A

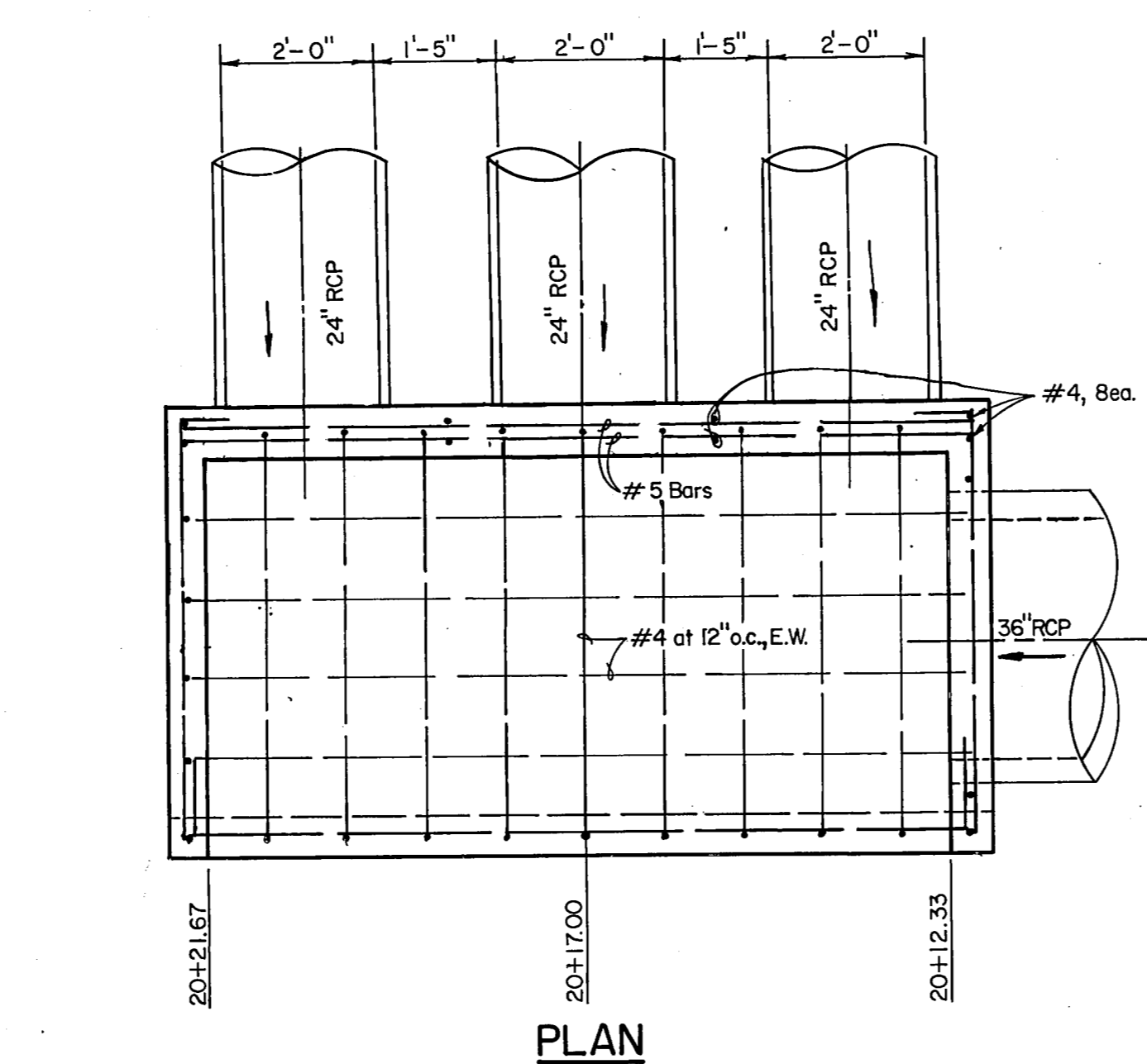
GINN, INC.

Consulting Engineers - Dallas, Texas

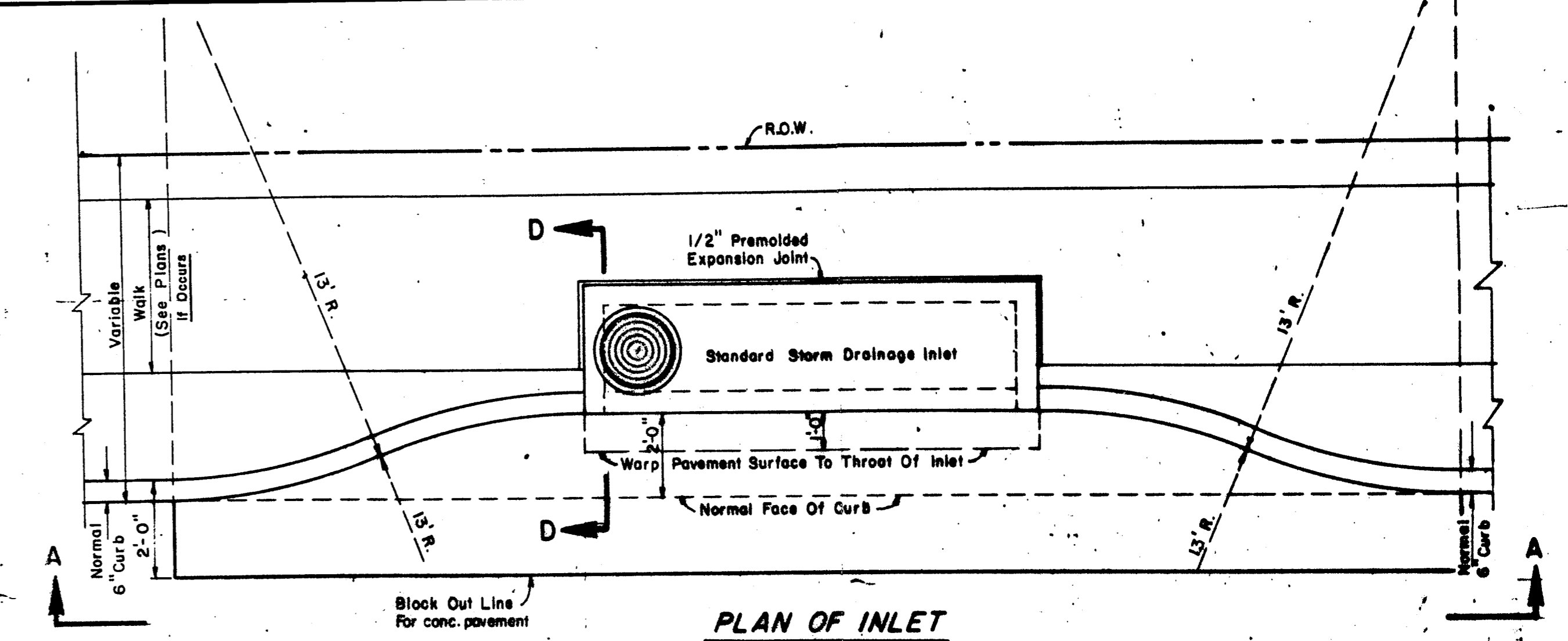
DESIGNED - H.B.J. DRAWN - S.M.M. DATE OCT., 1985 JOB NO. 265
APPROVED - H.W.G. CHECKED - G.F. SCALE - NONE SHEET 14 OF 29



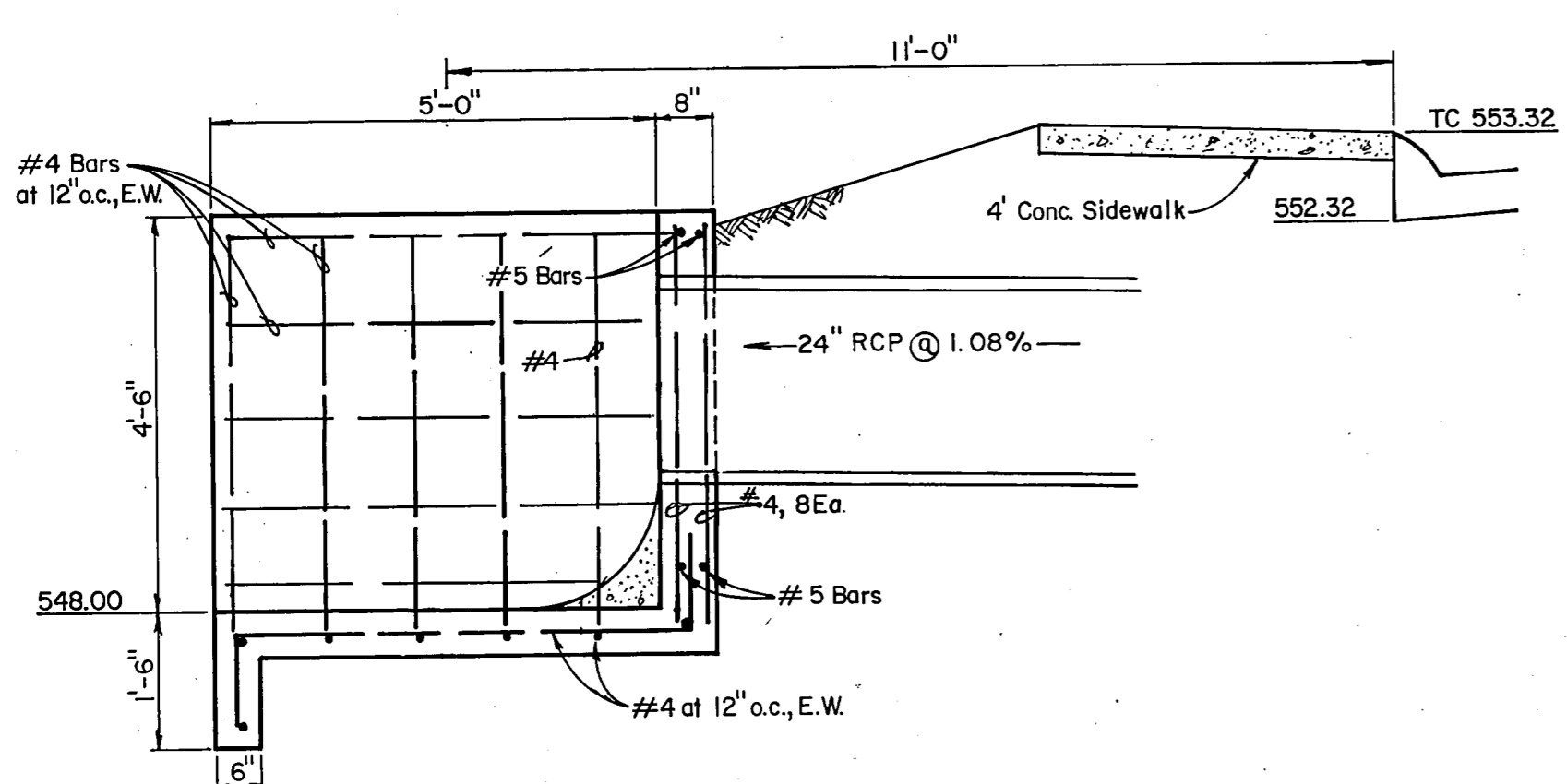
SECTION B-B



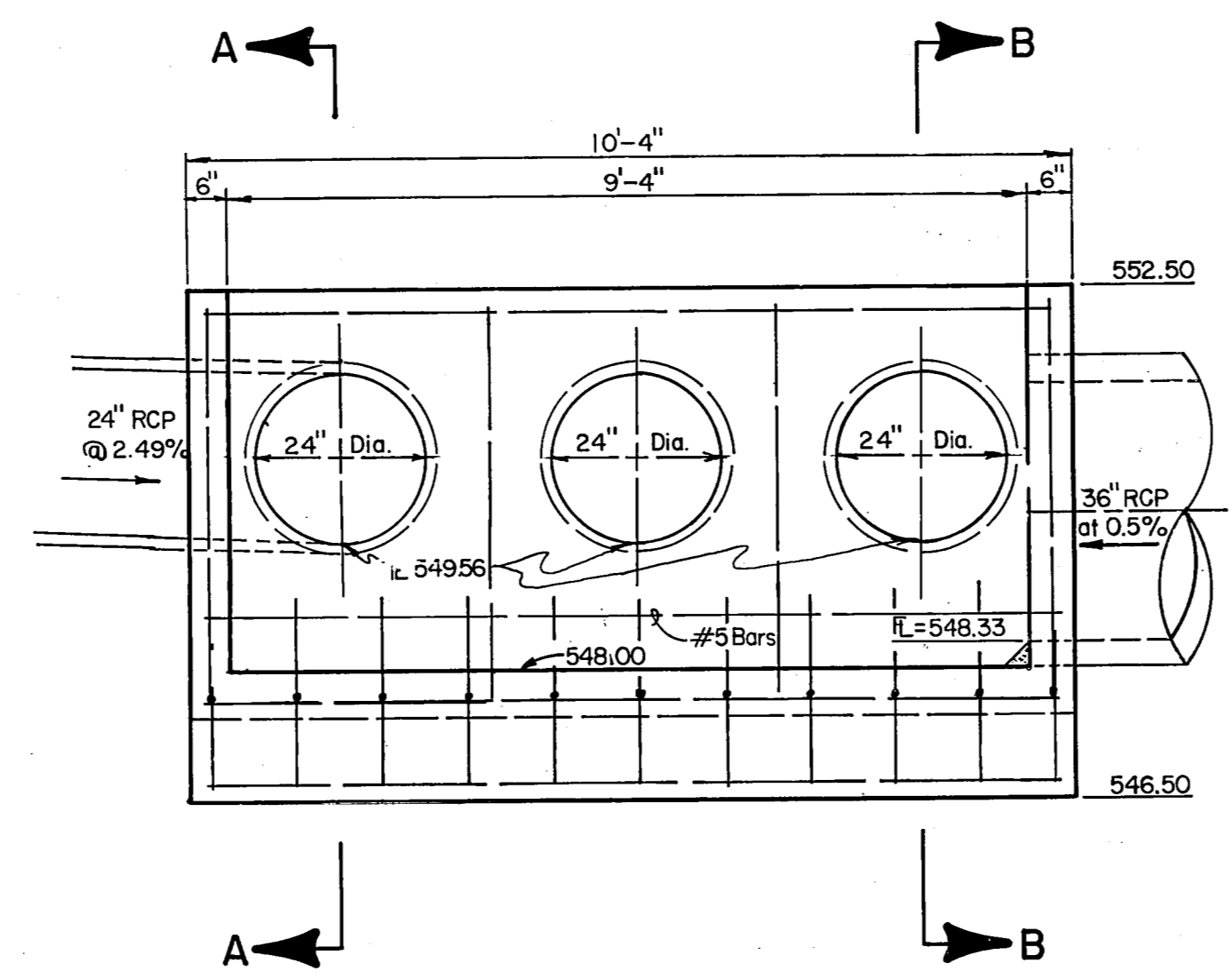
PLAN



PLAN OF INLET



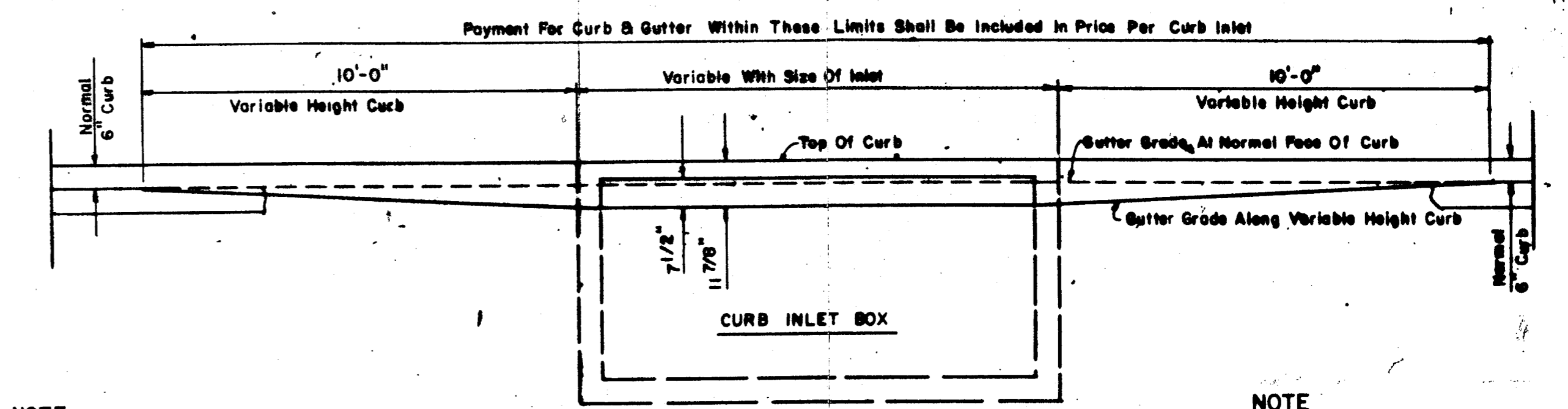
SECTION A-A



ELEVATION

MODIFIED HEADWALL DETAIL

SCALE: 1/2" = 1'

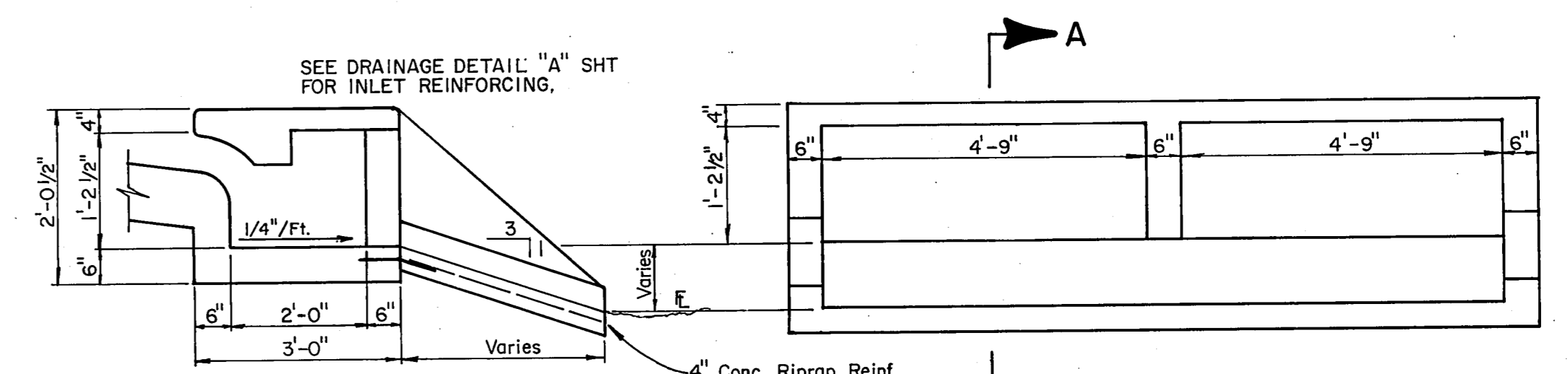


SECTION A-A

RECESSED CURB INLET

NOTE: SEE STD. CURB INLET, DRAINAGE DETAILS FOR SECTION D-D, AND REINFORCING. (ON DRAINAGE DETAIL "A" SHT.)

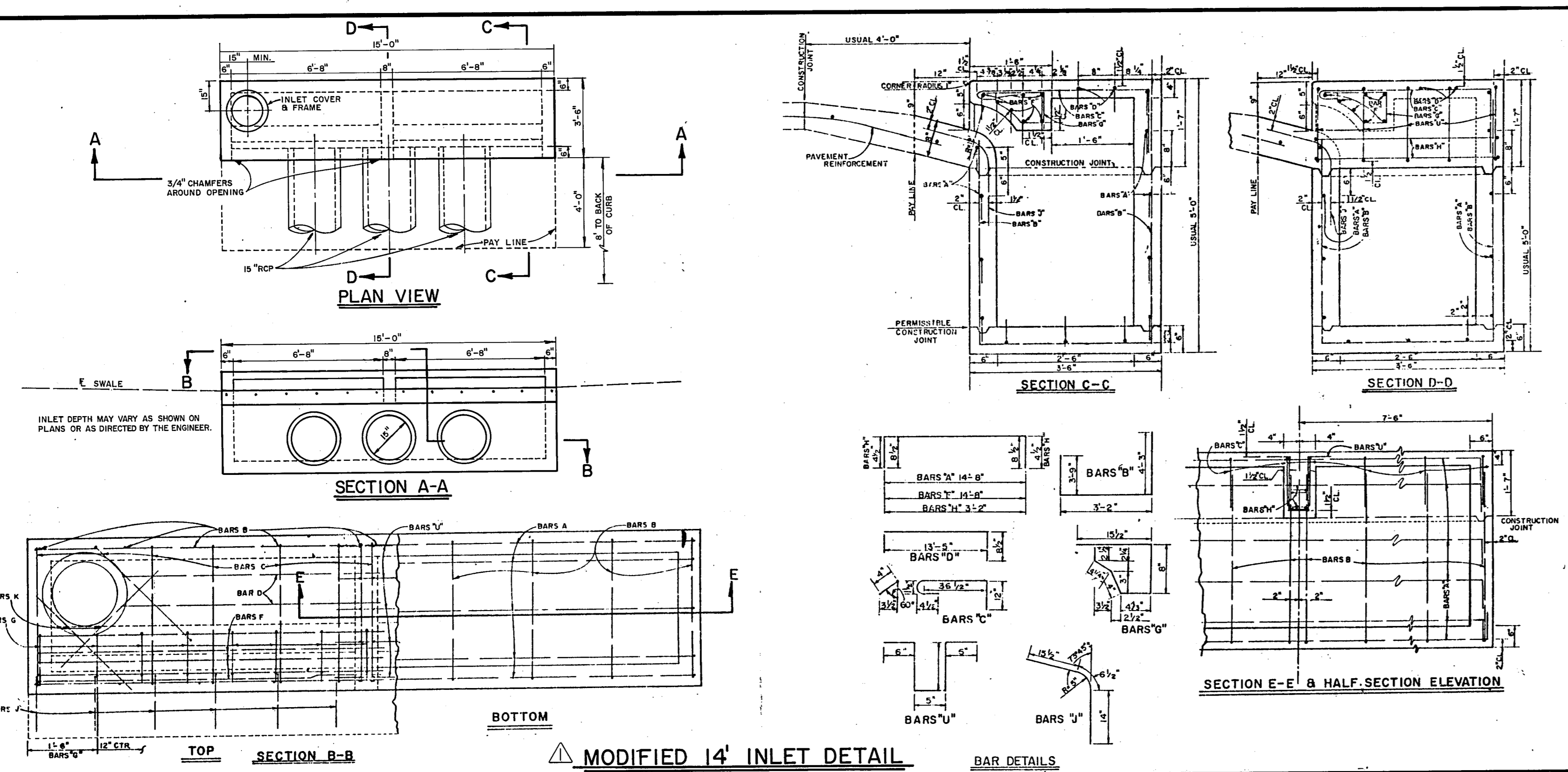
NOTE: Where inlets are indicated to be modified, refer to plan/profile sheets for elevations or different sizes. All other items shall remain as shown on this standard detail.



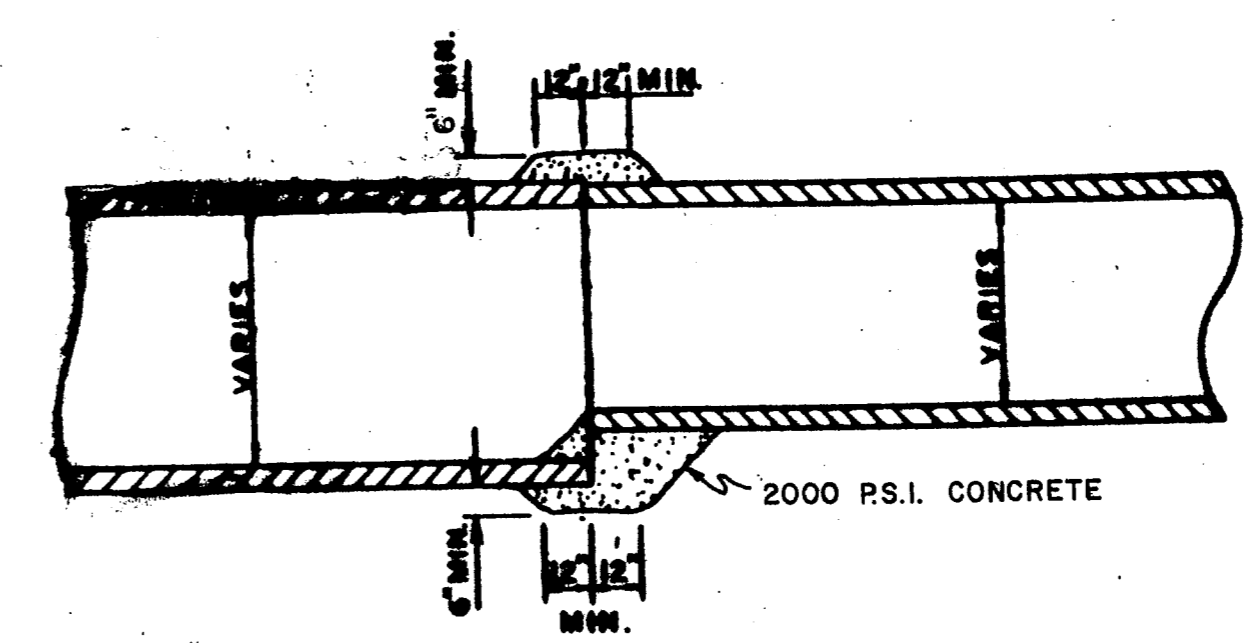
SECTION A-A

REAR ELEVATION

MODIFIED RECESSED INLET WITH FLUME



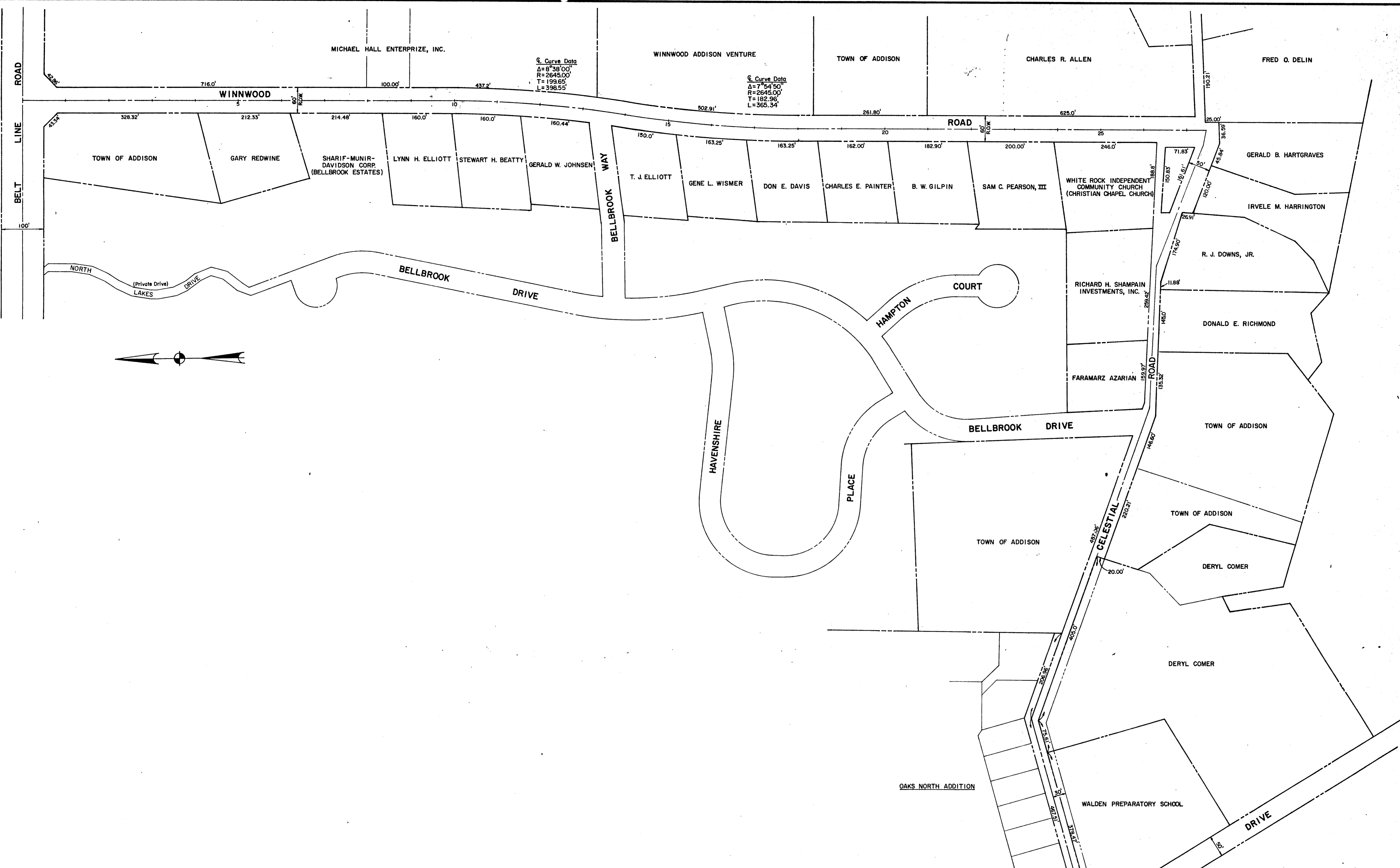
MODIFIED 14' INLET DETAIL



DETAIL OF CONCRETE COLLAR FOR PIPE CONNECTIONS

RECORD DRAWING

Revised Modified Hdw. & 14' Mod. Inlet		RLO	3-31-86
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
WINNWOOD/CELESTIAL RD. IMPROVEMENTS			
DRAINAGE DETAILS B			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - JCK/TEC	Drawn - TEC	Date - OCTOBER, 1985	Job No. - 265
Approved - HWS	Checked - JCK	Scale - NONE	Sheet 15 OF 29



TOWN OF ADDISON
DALLAS COUNTY, TEXAS
WINNWOOD/CELESTIAL RD. IMPROVEMENTS

RIGHT-OF-WAY MAP

GINN, INC.
Consulting Engineers Dallas, Texas

Designed - TEC	Drawn - TEC	Date - OCT, 1985	Job No. - 285
Approved - HWG	Checked - JCK	Scale - 1" = 100'	Sheet 2 OF 29

2011-12-10 10:00 AM

GERALD B. HARTGRAVES

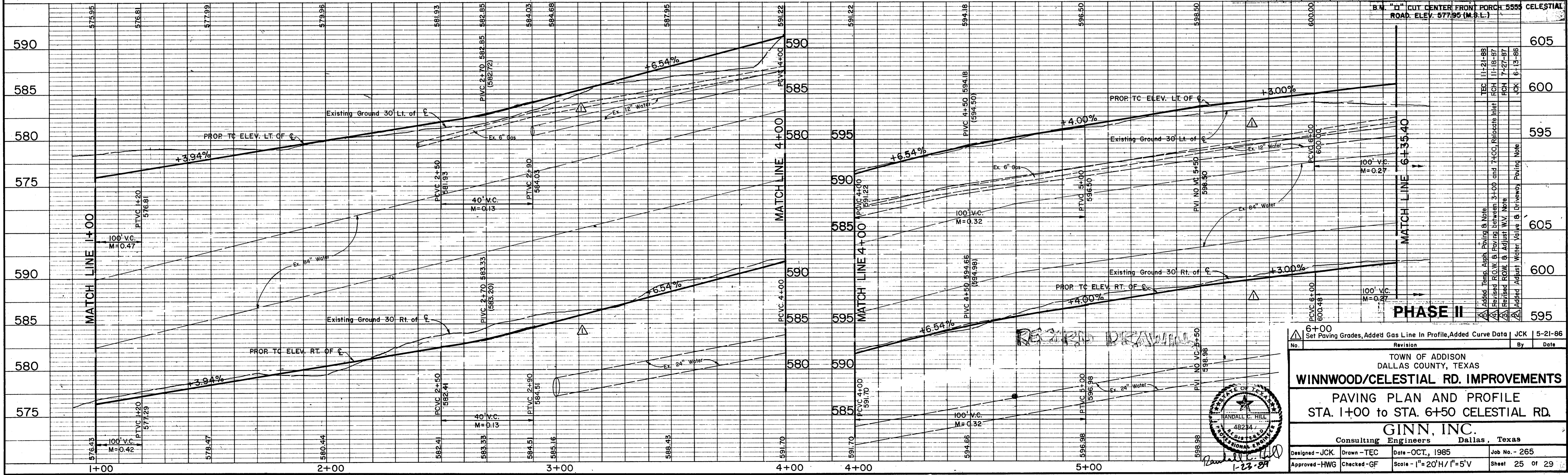
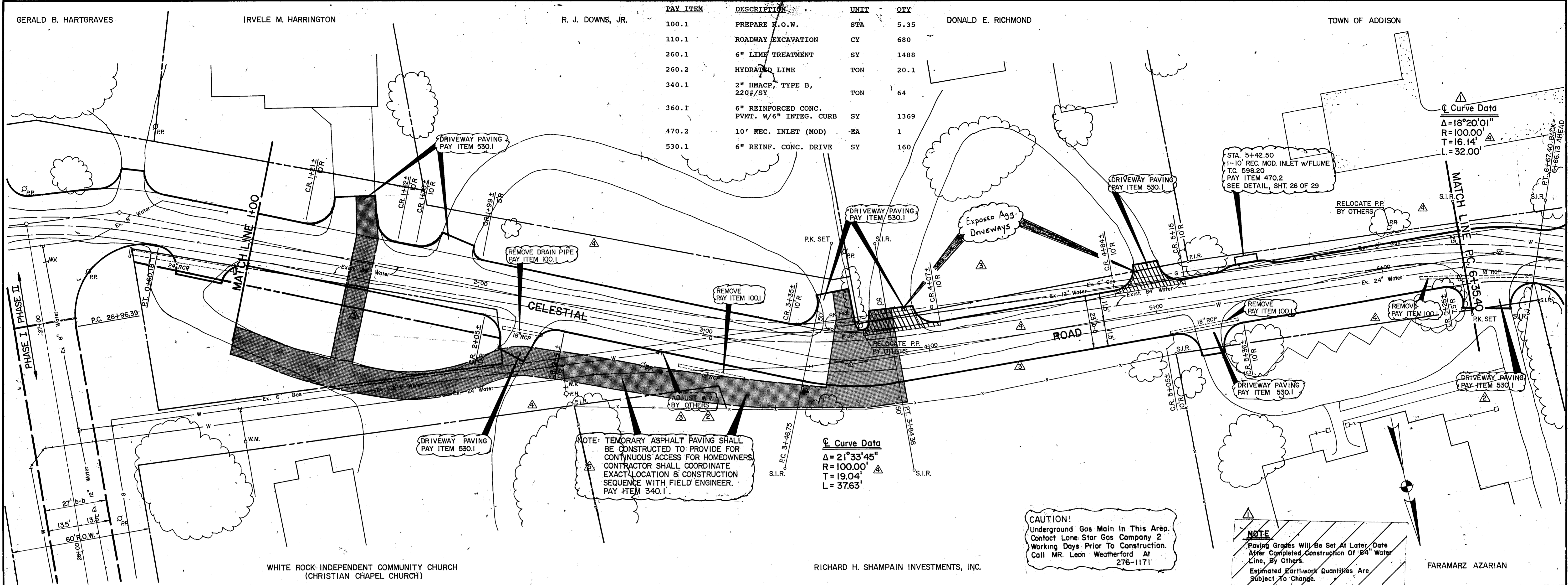
IRVELE M. HARRINGTON

R. J. DOWNS, JR.

DONALD E. RICHMOND

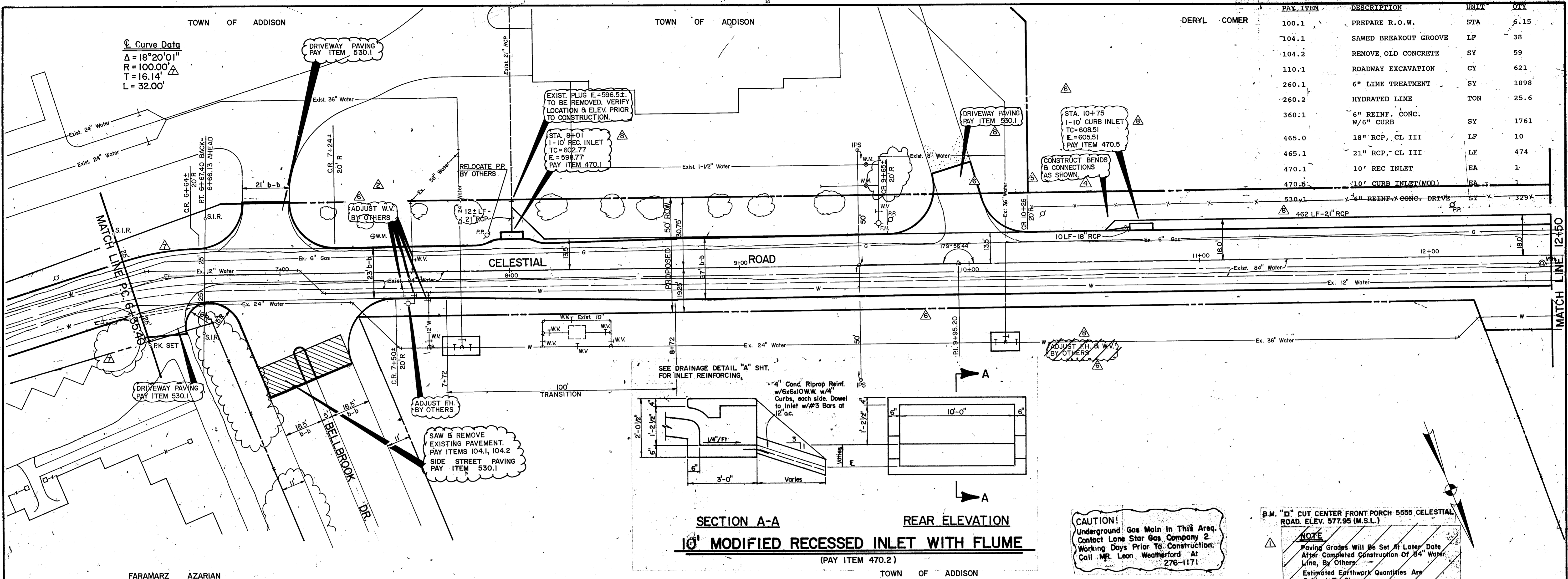
TOWN OF ADDISON

PAY ITEM	DESCRIPTION	UNIT	QTY
100.1	PREPARE F.O.W.	SFA	5.35
110.1	ROADWAY EXCAVATION	CY	680
260.1	6" LIME TREATMENT	SY	1488
260.2	HYDRATED LIME	TON	20.1
340.1	2" HMACP, TYPE B, 220#/SY	TON	64
360.1	6" REINFORCED CONC. P.W.M. W/6" INTEG. CURB	SY	1369
470.2	10' REC. INLET (MOD)	EA	1
530.1	6" REINF. CONC. DRIVE	SY	160

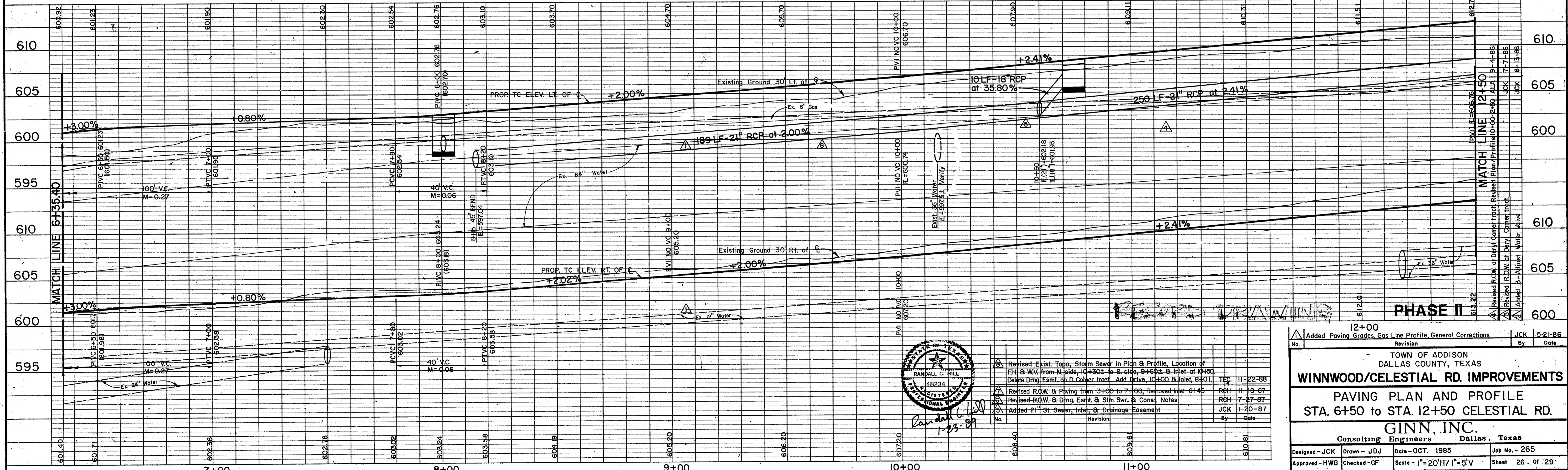


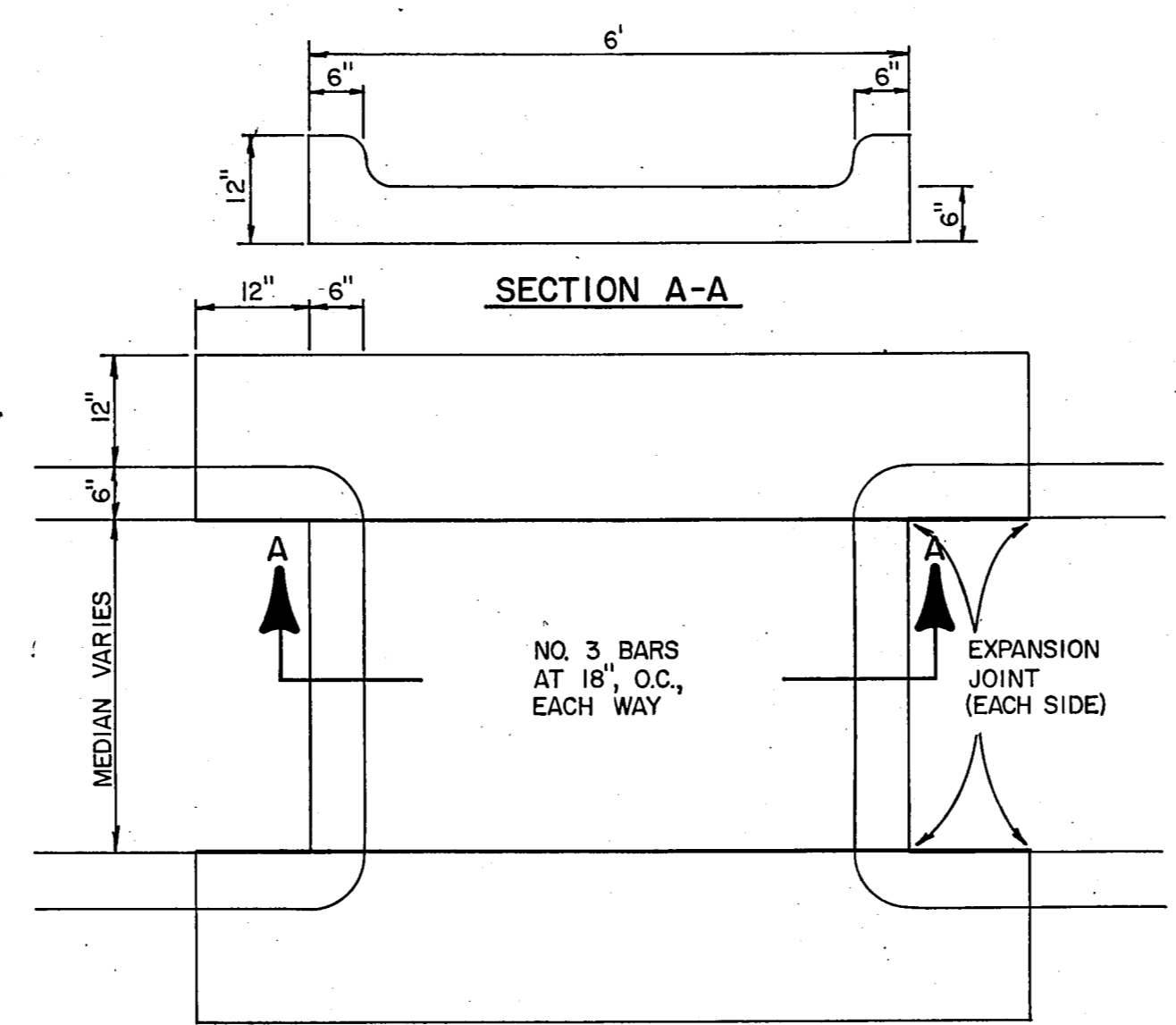
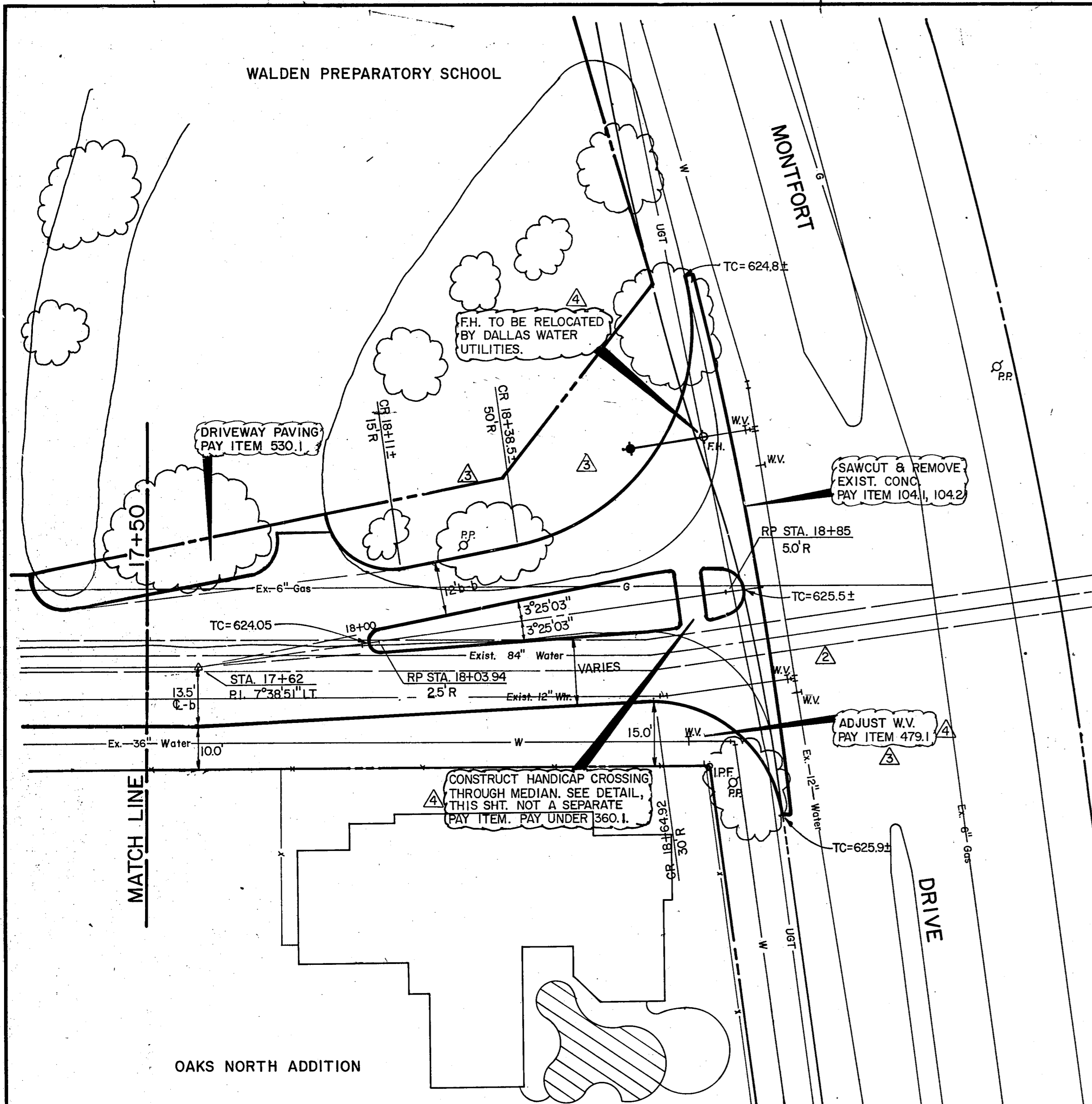
6+00		Set Paving Grades, Added Gas Line In Profile, Added Curve Data	JCK	5-21-86
No.	Revision	By	Date	
TOWN OF ADDISON DALLAS COUNTY, TEXAS				
WINNWOOD/CELESTIAL RD. IMPROVEMENTS				
PAVING PLAN AND PROFILE STA. 1+00 TO STA. 6+50 CELESTIAL RD.				
GINN, INC.				
Consulting Engineers Dallas, Texas				
Designed - JCK	Drawn - TEC	Date - OCT, 1985	Job No. - 265	
Approved - HWG	Checked - GF	Scale - 1" = 20'H / 1" = 5'V	Sheet 25 of 29	

Curve Data
 $\Delta = 18^{\circ}20'01''$
 $R = 100.00'$
 $T = 16.14'$
 $L = 32.00'$



PAY ITEM	DESCRIPTION	UNIT	QTY
100.1	PREPARE R.O.W.	STA	6.15
104.1	SAWED BREAKOUT GROOVE	LF	38
104.2	REMOVE OLD CONCRETE	SY	59
110.1	ROADWAY EXCAVATION	CY	621
260.1	6" LIME TREATMENT	SY	1898
260.2	HYDRATED LIME	TON	25.6
360.1	6" REINF. CONC. W/6" CURB	SY	1761
465.0	18" RCP, CL III	LF	10
465.1	21" RCP, CL III	LF	474
470.1	10' REC INLET	EA	1
470.5	10" CURB INLET (MOD)	EA	1
530.1	6" REINF. CONC. DRIVE	SY	329
	462 LF-21" RCP		





HANDICAPPED CROSSING THROUGH MEDIAN

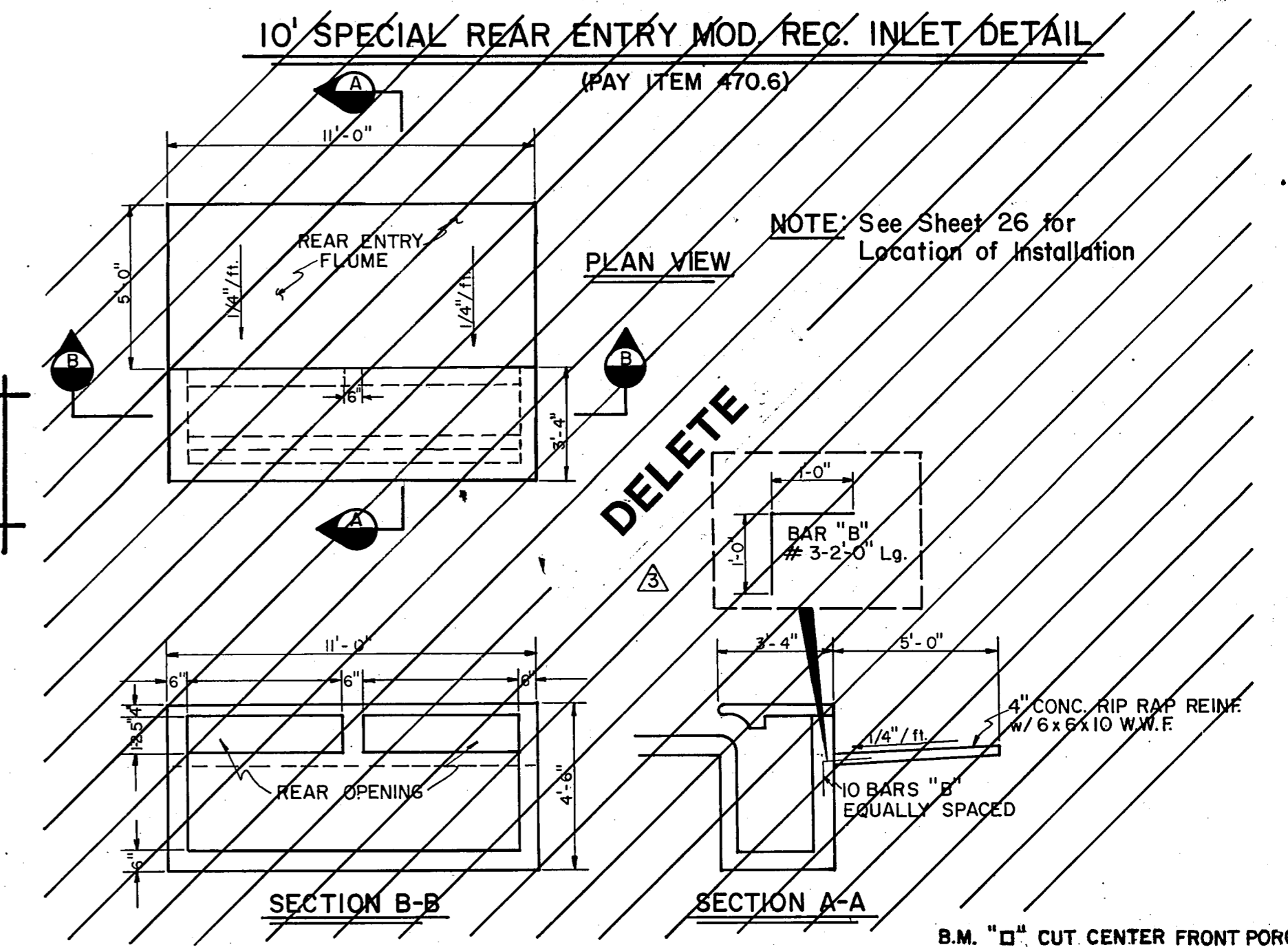
NOTE: CONTRACTOR TO VERIFY PAVEMENT GRADES ALONG MONTFORT AND NOTIFY ENGINEER PRIOR TO BEGINNING SUBGRADE WORK.

Note: Contractor to contact M. Parsley, Manager of DWU City Forces, at 670-8692, at least two weeks prior to commencement of work on this project.

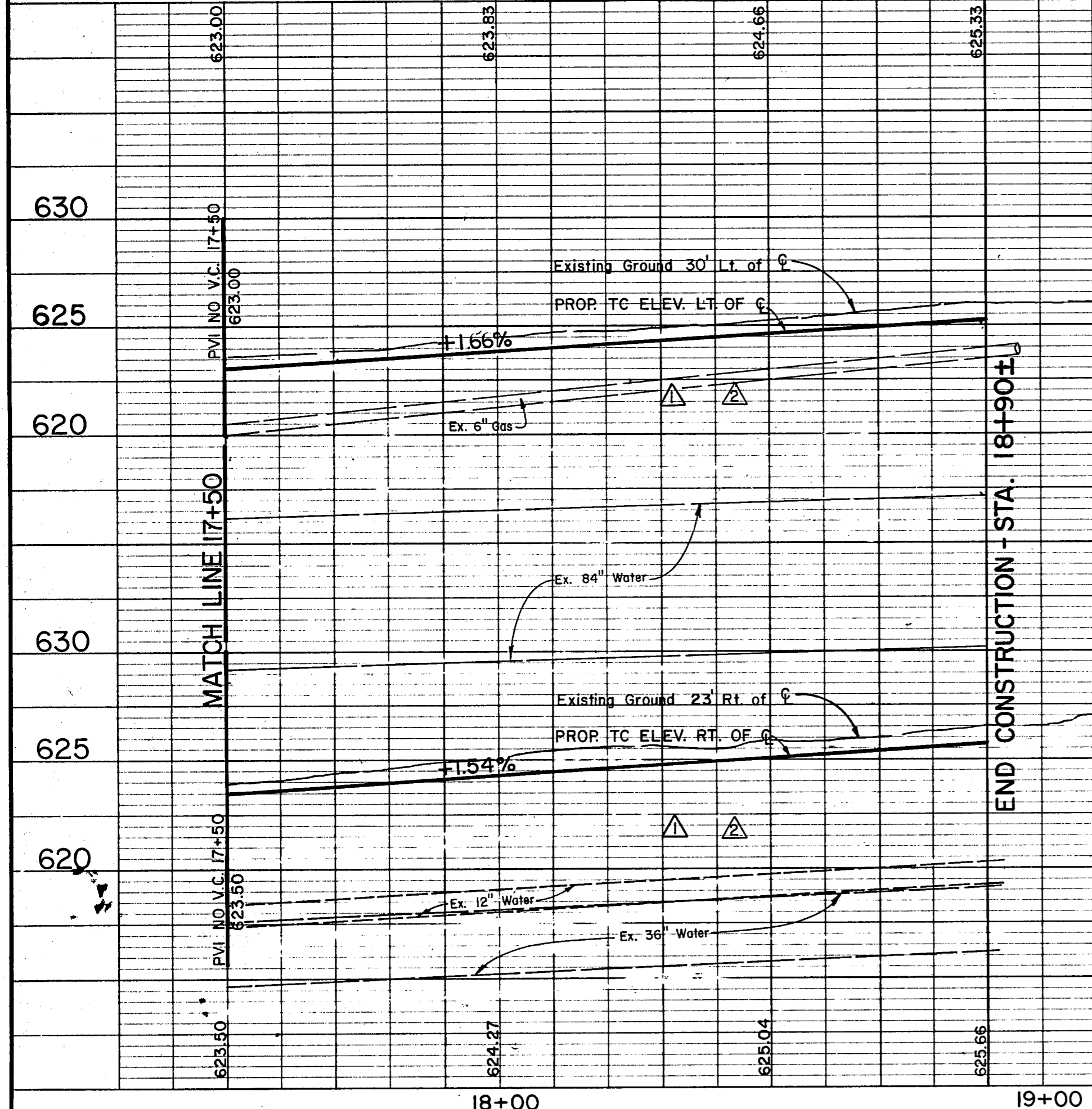
NOTE
Paving Grades Will Be Set At Later Date After Completed Construction Of 84" Water Line, By Others.
Estimated Earthwork Quantities Are Subject To Change.

CAUTION!
Underground Gas Main In This Area. Contact Lone Star Gas Company 2 Working Days Prior To Construction. Call MR. Leon Weatherford At 276-1171

PAY ITEM	DESCRIPTION	UNIT	QTY
100.1	PREPARE R.O.W.	STA	1.35
104.1	SAWED BREAKOUT GROOVE	LF	132
104.2	REMOVE OLD CONC.	SY	36
110.1	ROADWAY EXCAVATION	CY	280
260.1	LIME TREATMENT	SY	620
260.2	HYDRATED LIME	TON	8.4
360.1	6" REINF. CONC. W/6" CONC. CURB	SY	570
530.1	6" REINF. CONC. DRIVE	SY	68
479.1	ADJUST W.V.	EA	1

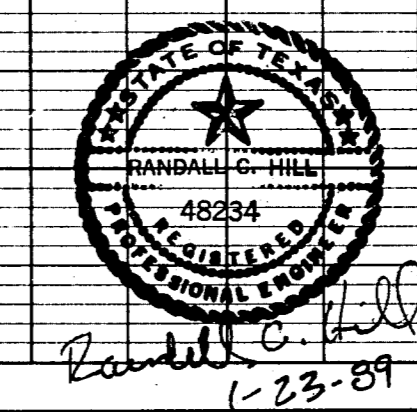


B.M. "d" CUT CENTER FRONT PORCH 5555 CELESTIAL ROAD. ELEV. 577.95 (M.S.L.)

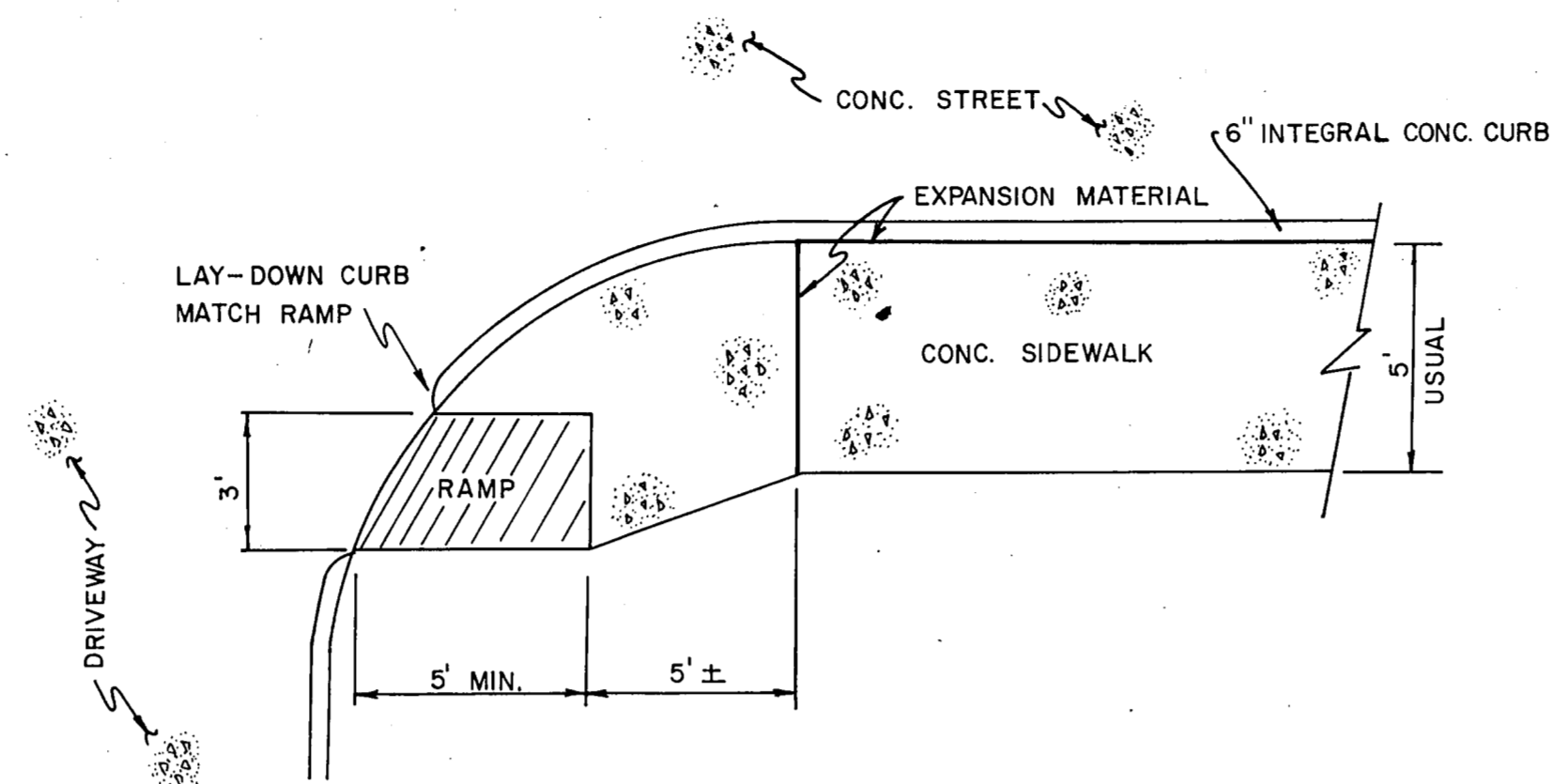


RECORD DRAWING
PHASE II

No.	Revision	By	Date
1	Revised Constr. Notes, Added Handicapped Crossing & Detail	TEC	11-28-88
2	Revised R.O.W. & Deleted Inlet Detail, Revise Const. Notes	RGH	7-27-87
3	Revised Celestial Road Entrance-Plan & Profile, Added Note	TEC	6-24-87
4	Added Paving Grades, Gas Line Profile, General Corrections	JCK	5-21-86

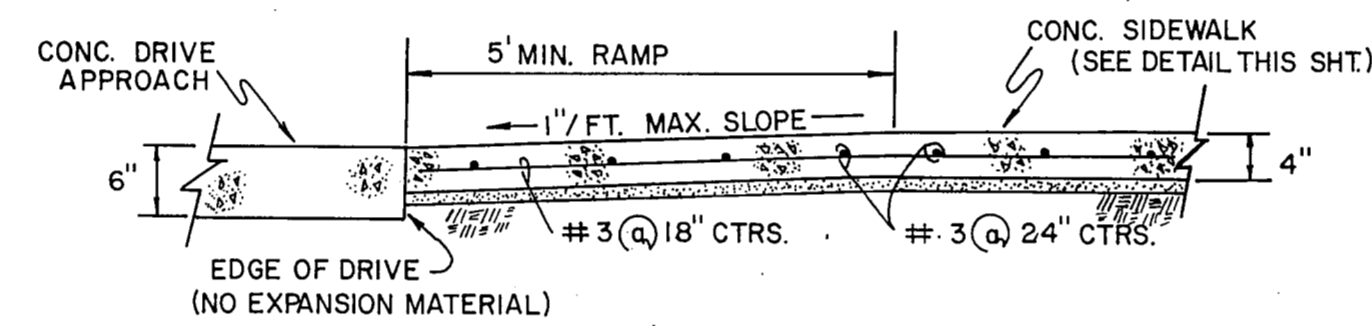


TOWN OF ADDISON
DALLAS COUNTY, TEXAS
WINNWOOD/CELESTIAL RD. IMPROVEMENTS
PAVING PLAN AND PROFILE
STA. 17+50 to STA. 18+92.78 CELESTIAL RD.
GINN, INC.
Consulting Engineers Dallas, Texas
Designed - JCK Drawn - Date - OCT., 1985 Job No. - 265
Approved - HWG Checked - GF Scale - 1" = 20'H / 1" = 5'V Sheet 28 of 29



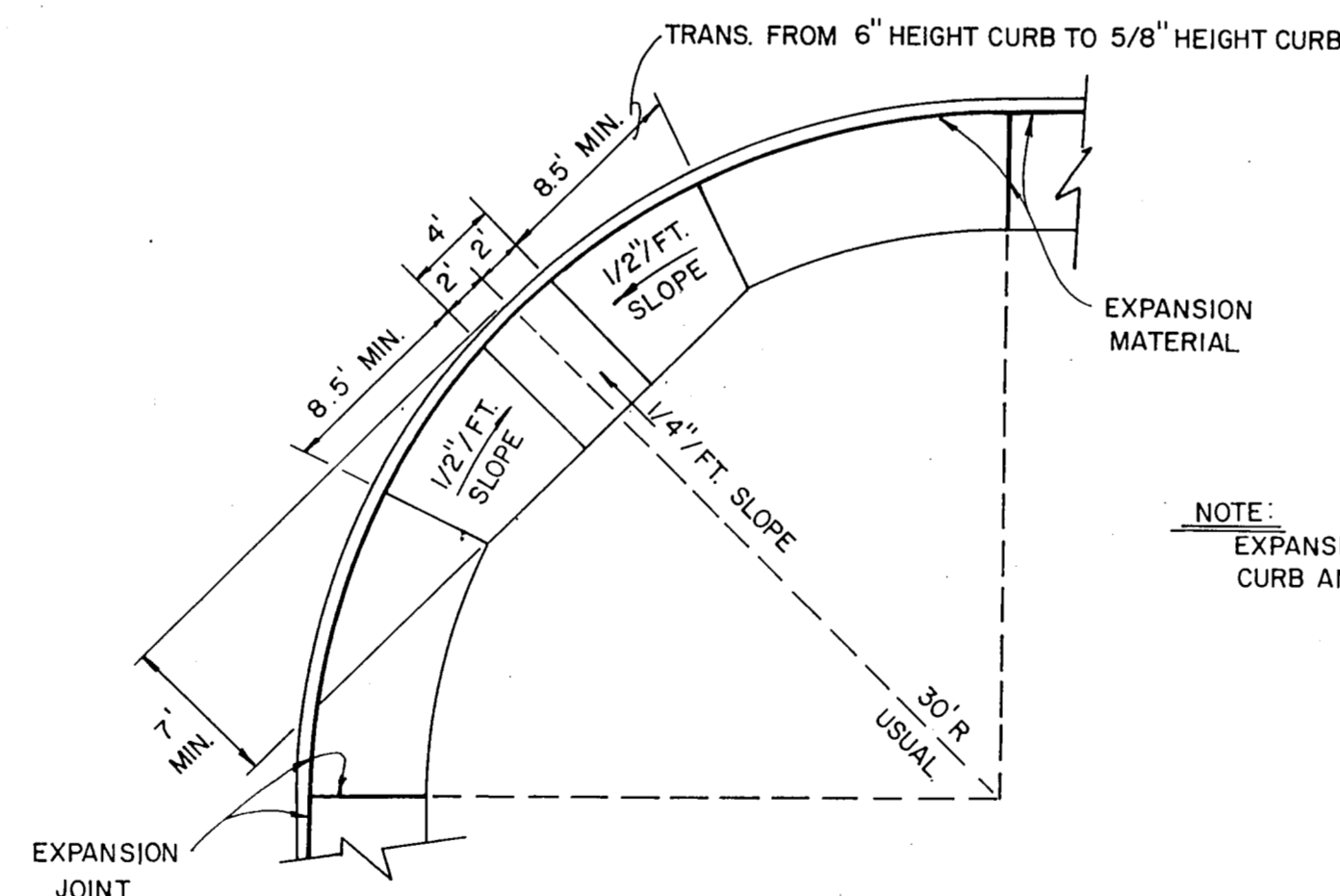
PLAN

NOTE:
MODIFY RAMP TO
FIT DIFFERENT RADIUS



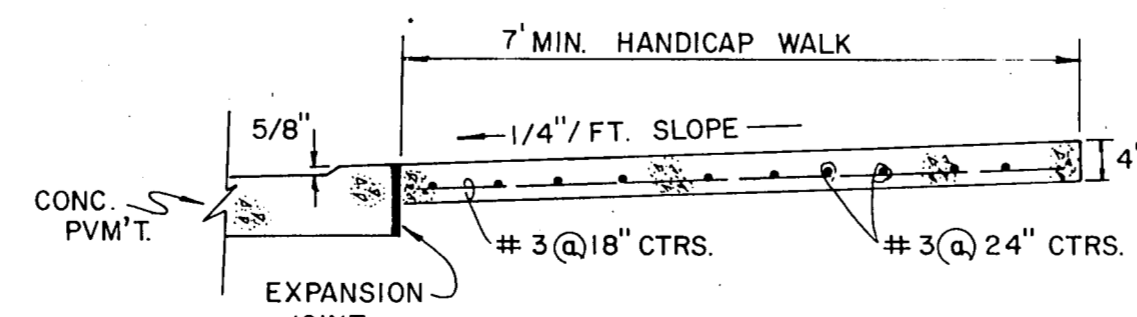
SECTION

**BARRIER FREE RAMP AT DRIVEWAY
DETAIL**



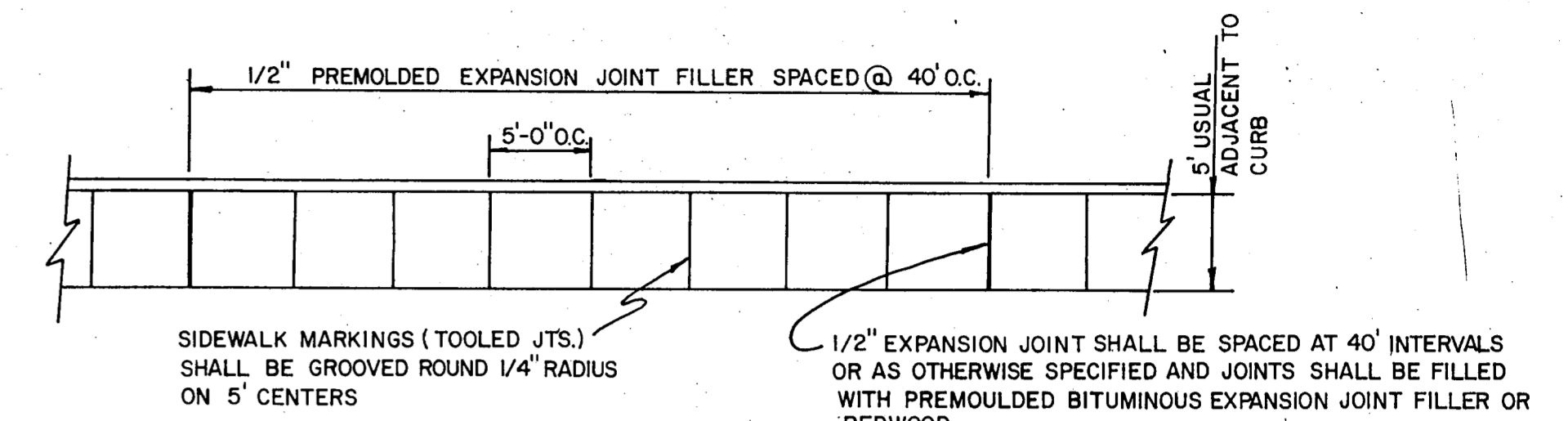
PLAN

NOTE:
EXPANSION MATERIAL ALONG
CURB AND AT CURB RETURNS

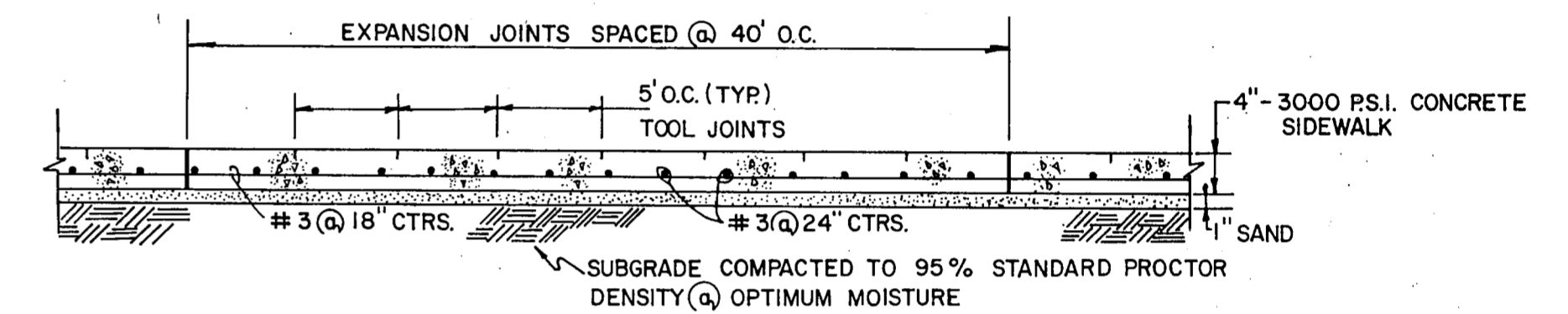


SECTION

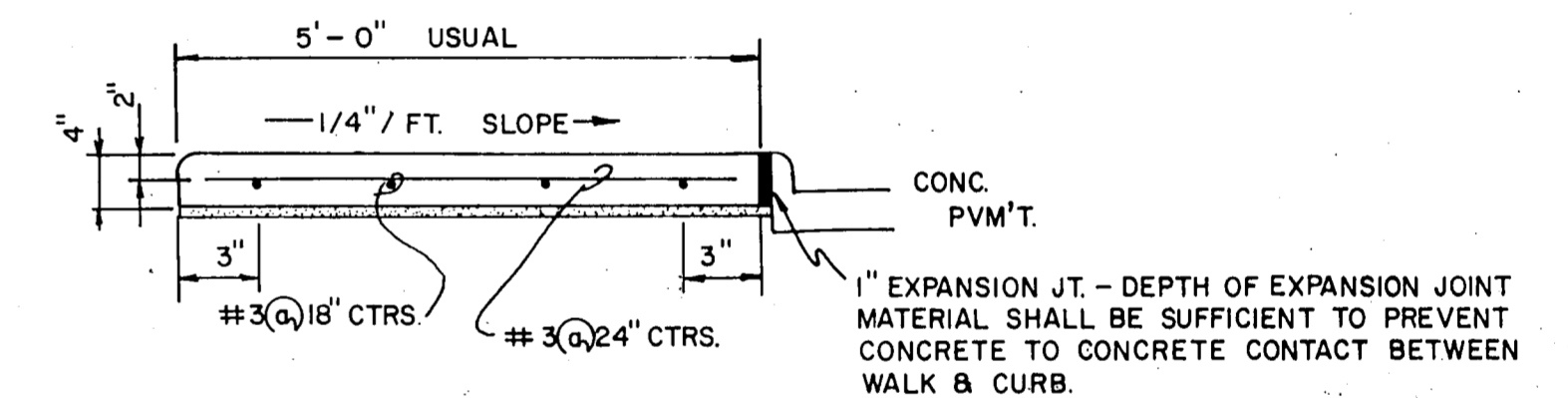
HANDICAP ROLL-DOWN CURB DETAIL



PLAN



SIDE ELEVATION

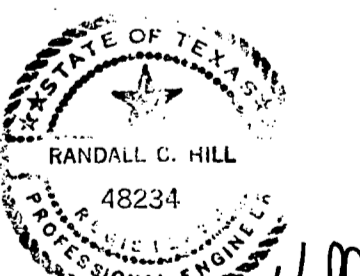


SECTION

CONCRETE SIDEWALK DETAIL

GENERAL NOTES

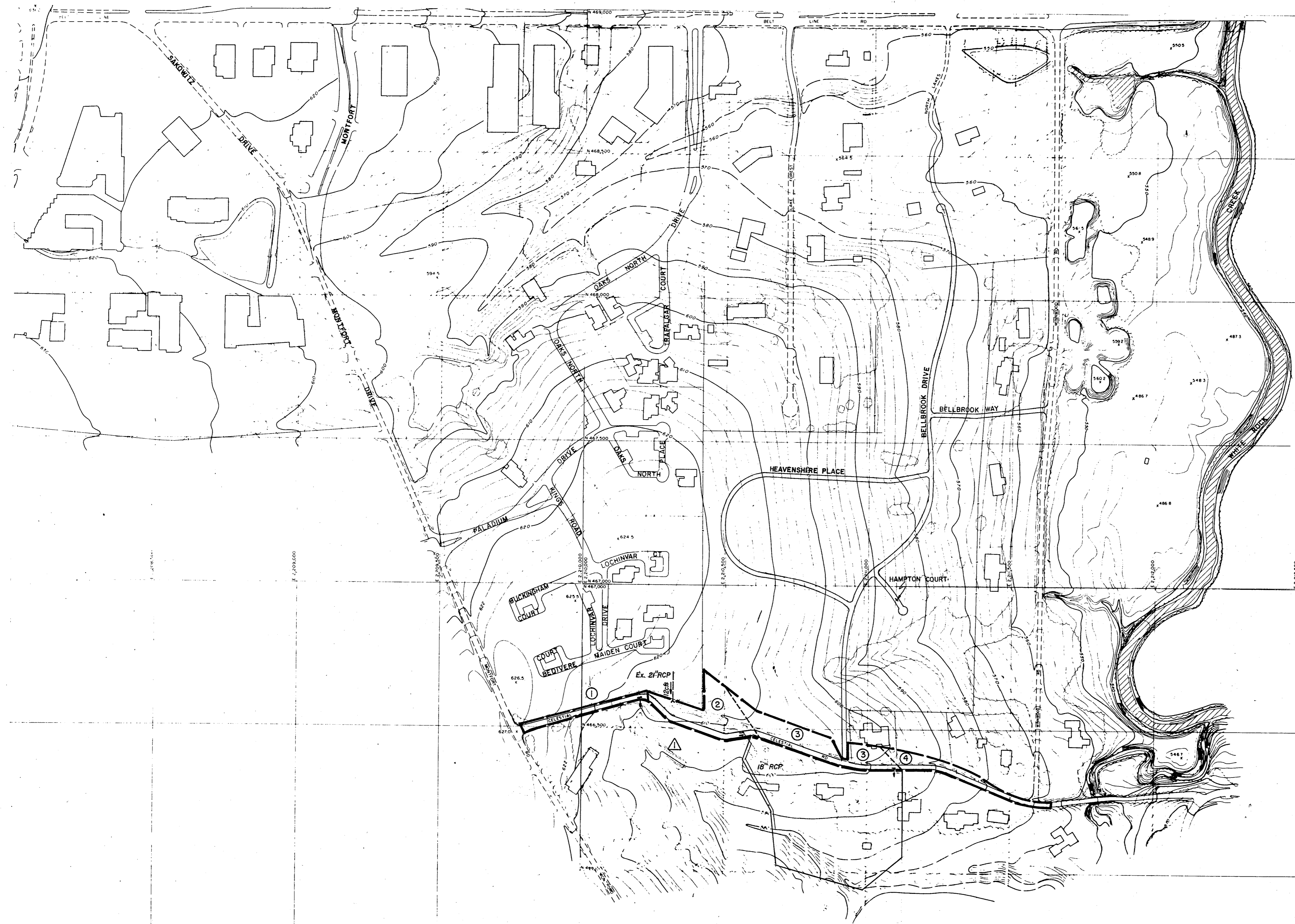
1. Reinforced concrete sidewalk shall be five (5) feet wide, a minimum of four (4) inches thick and shall be 3000 psi at 28 days (5 sack mix).
2. Chamfer all exposed edges of concrete (1/4) inch.
3. All bar dimensions are given as center to center of bars and are located as shown.
4. All reinforcing steel shall be No. 3 on 18 inch centers longitudinally, 24 inch centers transversely and shall conform to the requirements of ASTM A-615, Grade 60.
5. 1" thick min. fine, washed sand cushion shall be free from organic materials or clays and shall be used for grade adjustment.
6. Subgrade shall be compacted to a density not less than 95% at optimum moisture.
7. Tooled joints (contraction joints) shall be on five (5) foot centers and shall be round one-fourth (1/4) inch radius.
8. A one-half (1/2) inch expansion joint shall be placed every eight (8) tooled joints, and where works abut old work, or where new work is constructed adjacent to other concrete, a one (1) inch expansion joint shall be used where sidewalk is adjacent to curb, the expansion joint shall be made of pre-molded bituminous expansion joint filler or redwood.
9. Sidewalks shall be finished by lightly brooming surface transversely to direction of main traffic or where adjacent sidewalks differ from this standard, new sidewalks shall conform to adjacent sidewalk (e.g. exposed aggregate).
10. Cross slope walk one-fourth (1/4) inch per foot towards curb or as shown on the drawings to provide drainage.
11. All trees, bushes, and shrubs in the path of construction will be replaced or relocated by owner.



Randall G. Hill
1-23-89

RECORD DRAWING

NO.	REVISION	BY	DATE
TOWN OF ADDISON, TEXAS DEPARTMENT OF ENGINEERING			
STANDARD CONSTRUCTION DETAILS PAVING			
SIDEWALKS & RAMPS			
APPROVED _____ H. WAYNE GINN, P.E.			
DATE	AUGUST, 1988	SHEET	SD-7A



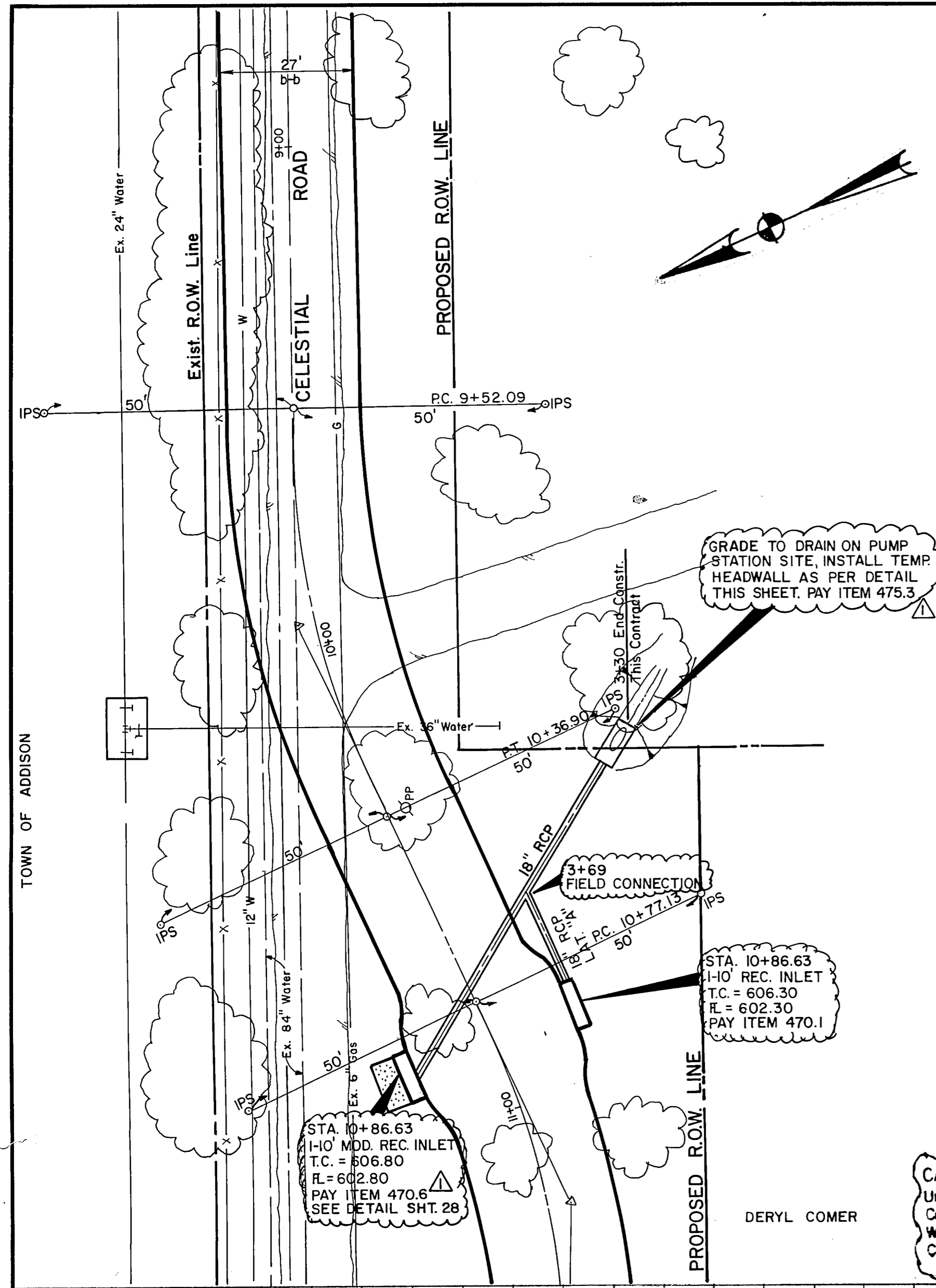
RUNOFF COMPUTATIONS

NO.	ACRES	ACRES DRAINED		TOTAL CA	T _c (in hrs.)	10 YEAR		100 YEAR	
		C=0.45 RES.	C=0.90 PVT.			Q ₁₀ cfs.	Q ₁₀₀ cfs.	Q ₁₀ cfs.	Q ₁₀₀ cfs.
1	0.38	0.10	0.28	0.30	15	6.6	1.96	9.8	2.91
*2	0.96	0.69	0.28	0.56			3.70	17.49	
3	1.01	0.78	0.23	0.56			3.70	5.49	
4	0.53	0.14	0.39	0.41			2.71	4.02	

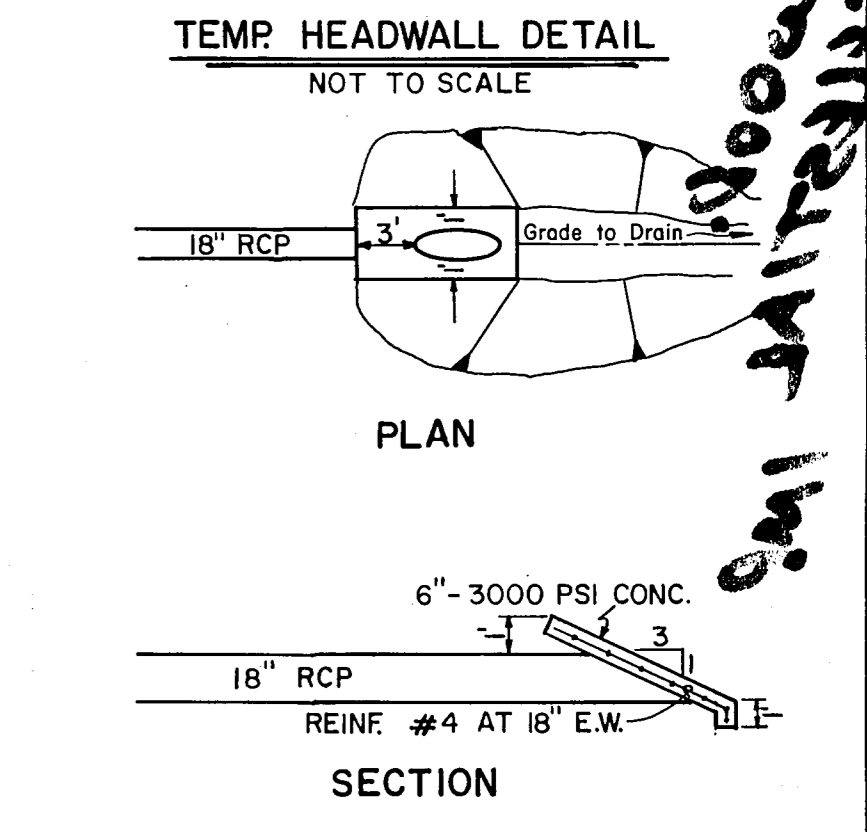
*Q₁₀₀ cfs. Total includes 12.0 cfs. From Oaks North 21" Storm Sewer

PHASE II

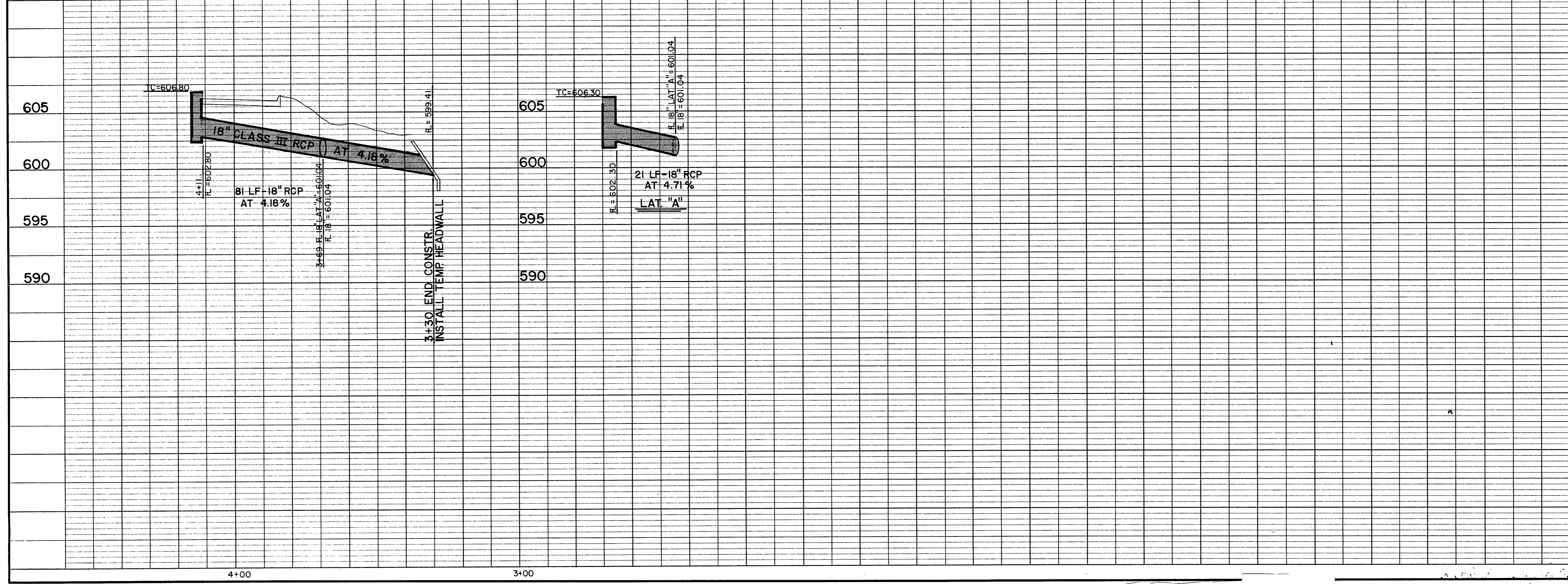
Revised Drainage Areas, Added Outfall Points		JCK	5-27-86
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS WINNWOOD/CELESTIAL RD. IMPROVEMENTS			
CELESTIAL DRAINAGE AREA MAP STA. 0+50 to STA. 18+92.78			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - JCK	Drawn - GAP	Date - OCT., 1985	Job No. - 265
Approved - HWG	Checked - JCK	Scale - 1"=200'	Sheet 29 of 29



CAUTION!
Underground Gas Main in This Area.
Contact Lone Star Gas Company 2
Working Days Prior To Construction.
Call MR. Leon Weatherford At
276-1171

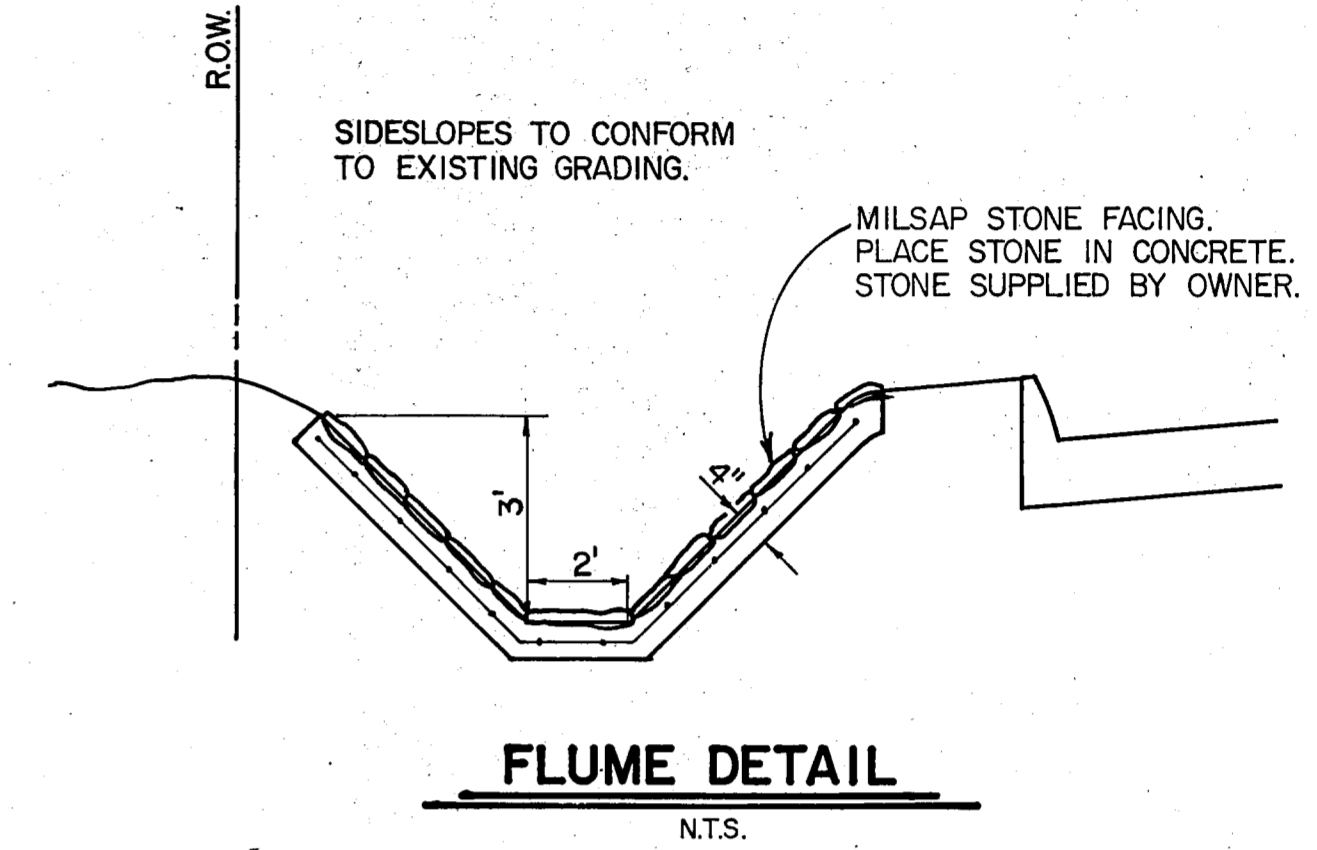
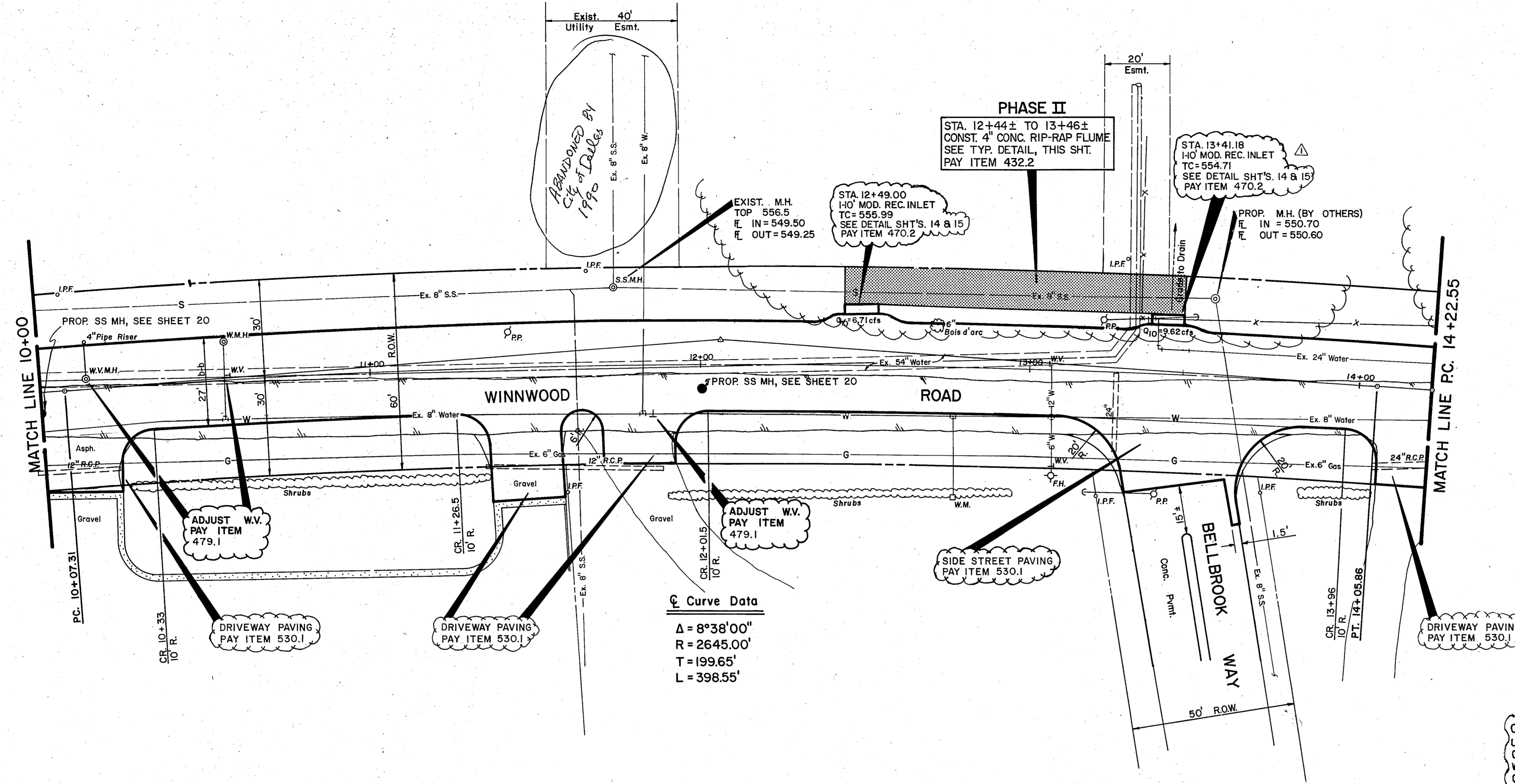


B.M. "D" CUT CENTER FRONT PORCH 5555 CELESTIAL ROAD, ELEV. 577.95 (M.S.L.)



No.		Revision		By		Date	
		Changed Pay Item 470.3 to 470.6. Add Note - Pay Item 475.3		JCK		6-13-86	
TOWN OF ADDISON DALLAS COUNTY, TEXAS							
WINNWOOD/CELESTIAL RD. IMPROVEMENTS							
CELESTIAL RD. OFFSITE STORM SEWER							
GINN, INC. Consulting Engineers Dallas Texas							
Designed - JCK		Drawn - DEM		Date - 5 23 86		Job No. - 265	
Approved - HWG		Checked - JCK		Scale - 1" = 20' H / 1" = 5' V		Sheet 29a of 29	

25-1
 150004914
 CIVIL ENGINEER
 10/1/86



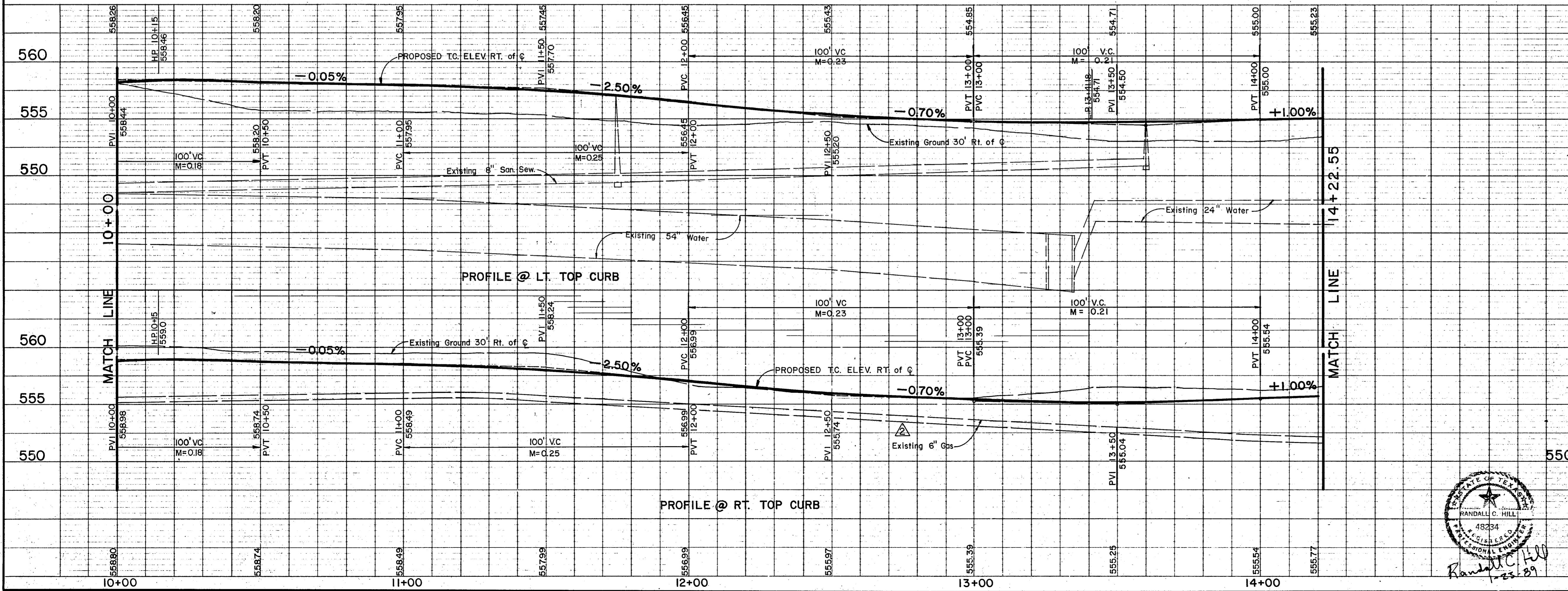
CAUTION!
 Underground Gas Main In This Area.
 Contact Lone Star Gas Company 2
 Working Days Prior To Construction.
 Call MR. Leon Weatherford At
 276-1171

B.M. "□" CUT ON HEADWALL, EAST SIDE OF WINNWOOD, 180' SOUTH OF E. BELT LINE ROAD. ELEV. 555.79 (M.S.L.)

STEWART H. BEATTY

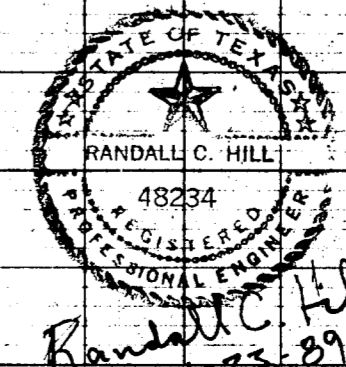
GERALD W. JOHNSEN

T.J. ELLIOTT

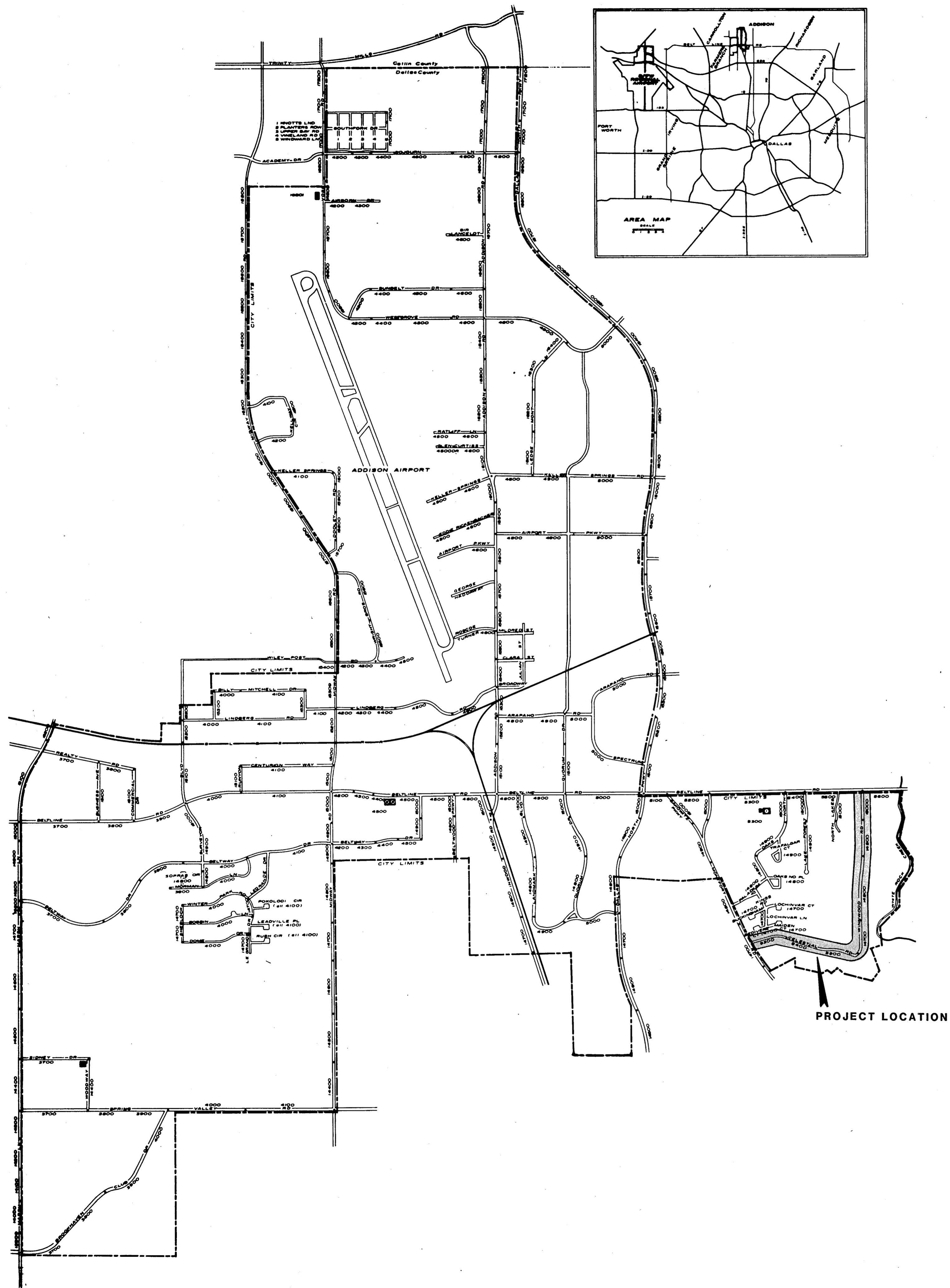


PHASE II

RECORDED DRAWING



Added 6" Gas to Profile		TEG	12-12-85
Relocate 10" Mod. Rec. Inlet from Sta. 13+46 to Sta. 13+41.18		JK	12-6-85
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS WINNWOOD/CELESTIAL RD. IMPROVEMENTS PAVING PLAN AND PROFILE STA. 10+00 to STA. 14+22.55 GINN, INC. Consulting Engineers Dallas, Texas			
Designed - GF/JK	Drawn - ALA	Date - OCT., 1985	Job No. - 265
Approved - HWG	Checked - JCK	Scale - 1" = 20' H / 1" = 5' V.	Sheet 5 of 29



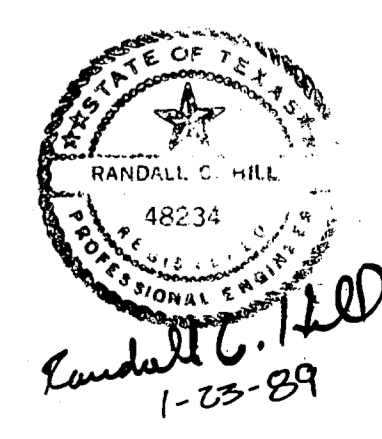
CONSTRUCTION PLANS FOR

WINNWOOD ROAD CELESTIAL ROAD IMPROVEMENTS PHASE I & II

WINNWOOD: FROM BELT LINE RD. SOUTH TO CELESTIAL (PHASE I)
 CELESTIAL: FROM WINNWOOD RD. WEST TO MONTFORD RD. (PHASE II)

(WINNWOOD) CELESTIAL ROAD IMP. PHASE II 1/89

Pages Here PHASE II
 25, 12, 13, 14, 15, 24,
 25, 26, 27, 28, 28a, 29,
 29a



GINN, INC.
 Consulting Engineers Dallas, Texas

RECORD DRAWING