

# PARCEL NO. 2 ACCESS ROAD

CONTRACT 2

ON

## HIGHLAND COLONY PARKWAY

OWNER:

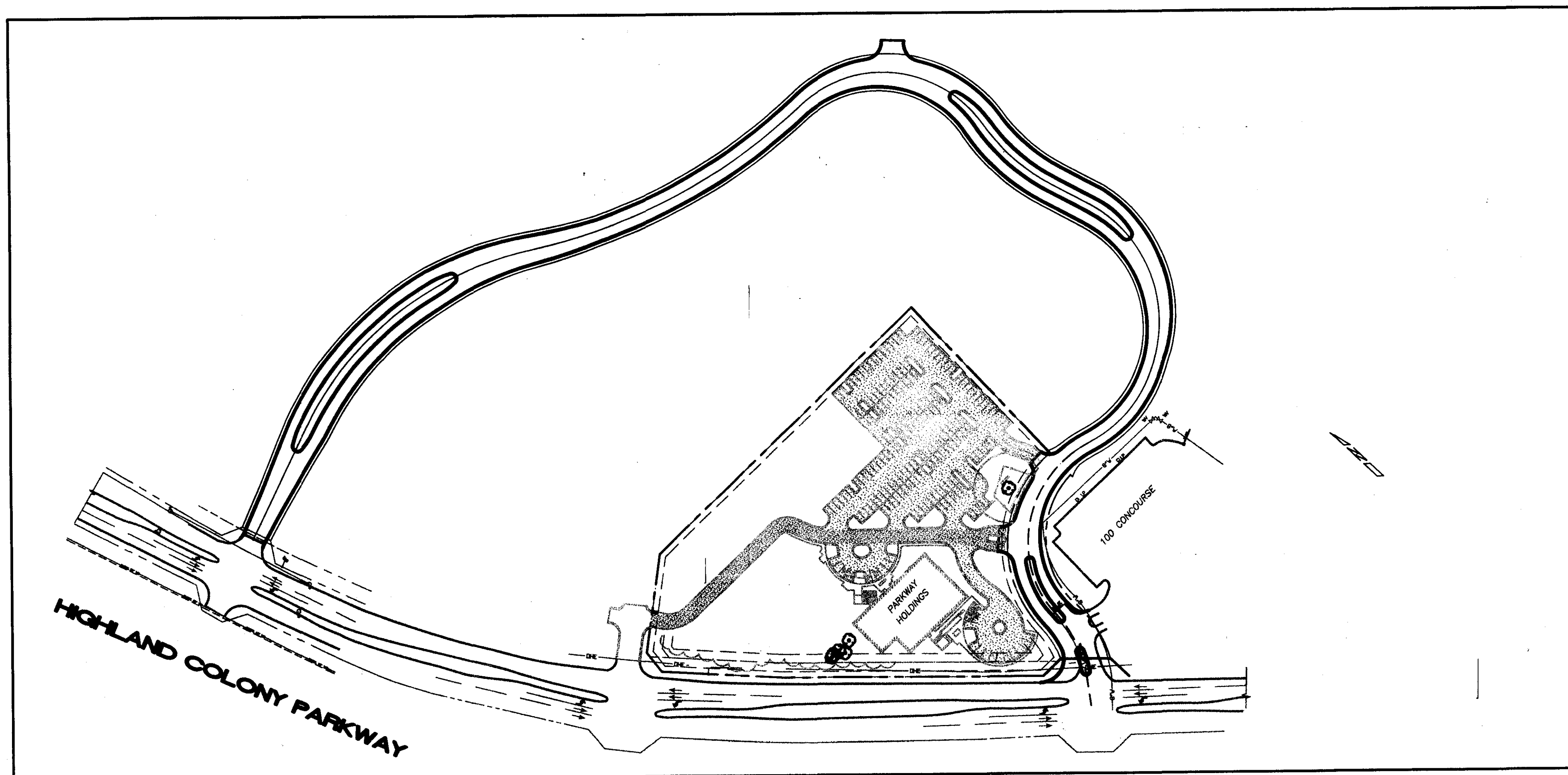
VENTURE PROPERTIES

A MISSISSIPPI GENERAL PARTNERSHIP

By:

BAILEY MADISON, LLC

A MISSISSIPPI LIMITED LIABILITY COMPANY



MAY, 1999

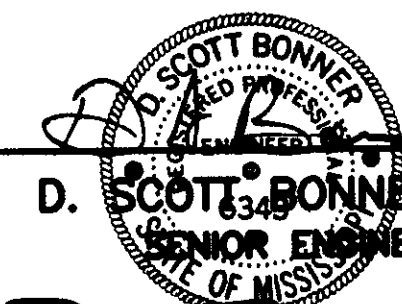
RECORD DRAWINGS: 7-10-2000



PREPARED BY:  
DIVERSIFIED  
CONSULTANTS, INC.

CONSULTING ENGINEERS ... CITY, COUNTY, AND REGIONAL PLANNERS

395 EDGEWOOD TERRACE  
JACKSON, MS 39206



D. SCOTT BONNER, P.E.  
SENIOR ENGINEER

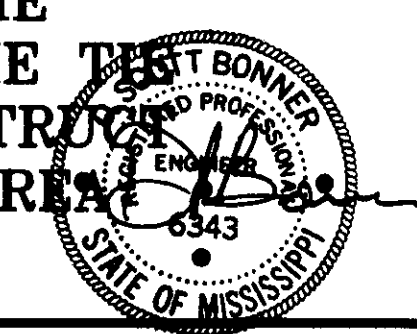
PWP-00335

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1. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES (POWER, GAS, WATER, SEWER, TELEPHONE, ETC.) WITH THE APPROPRIATE UTILITY COMPANY BEFORE BEGINNING CONSTRUCTION.  
  
ANY UTILITY LINE OR SERVICE LINE ENCOUNTERED DURING CONSTRUCTION, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE PROTECTED.
2. THE HORIZONTAL AND VERTICAL CLEARANCES ON ALL UTILITY CROSSINGS SHALL BE VERIFIED BEFORE INSTALLATION.
3. DAILY CLEANUP OF MATERIALS AND SUPPLIES WILL BE REQUIRED. THE JOB SITE SHALL BE MAINTAINED IN A NEAT AND ORDERLY FASHION.
4. THE CONTRACTOR WILL BE REQUIRED TO FURNISH, INSTALL, MAINTAIN, AND REMOVE ALL BARRICADES AND SIGNS REQUIRED FOR PROPER TRAFFIC CONTROL AS DETAILED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, FOR WORK ADJACENT TO HIGHLAND COLONY PARKWAY.
5. ITEMS SHOWN AS REQ'D BUT NOT INCLUDED AS SPECIFIC ITEMS ON THE BID SCHEDULE SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN OTHER ITEMS OF WORK.
6. ROADWAY CURB INLETS MAYBE PRECAST CONCRETE, BRICK OR POURED IN PLACE CONCRETE. PAYMENT SHALL BE MADE UNDER ITEM S-611-D, PER EACH.
7. BRICK JUNCTION BOXES SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN ON THE STANDARD DRAWINGS. THE BOTTOM AND TOP OF THE JUNCTION BOX SHALL BE CONSTRUCTED OF REINFORCED CONCRETE. JUNCTION BOXES AT OUTLET ON END OF STEEL PIPE ON THROUGH DIKES FOR PONDS 2 AND 3 SHALL BE POURED IN PLACE CONCRETE.
8. ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET THE REQUIREMENT OF THE CITY OF RIDGELAND, WHEN SPECIFIC REQUIREMENTS EXIST.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DETAIL CONSTRUCTION STAKING. ROADWAY CONSTRUCTION STAKING SHALL INCLUDE ALL STAKING NECESSARY FOR CONSTRUCTION OF THE SANTARY SEWER (NEW CONSTRUCTION AND REPLACEMENT),. STORM SEWER UNDER/OR ALONG ROAD, AND THE STEEL PIPE DRAINAGE STRUCTURES. BRIDGE CONSTRUCTION STAKING SHALL BE FOR ALL STAKING NECESSARY FOR SETTING THE ABUTMENTS FOR THE BRIDGES.
10. CLEARING AND GRUBBING FOR THIS CONTRACT IS AREA BOUNDED BY THE CONSTRUCTION LIMITS OF THE STREET CONSTRUCTION AS SHOWN BY THE LIMITS ON THE CROSS-SECTION PLANS, THE AREA NECESSARY TO CONSTRUCT THE RISERPIPES AND DRAINAGE PIPES THROUGH THE DAMS, AND THE AREA NECESSARY TO INSTALL ALL REQ'D WATER AND SEWER FACILITIES.



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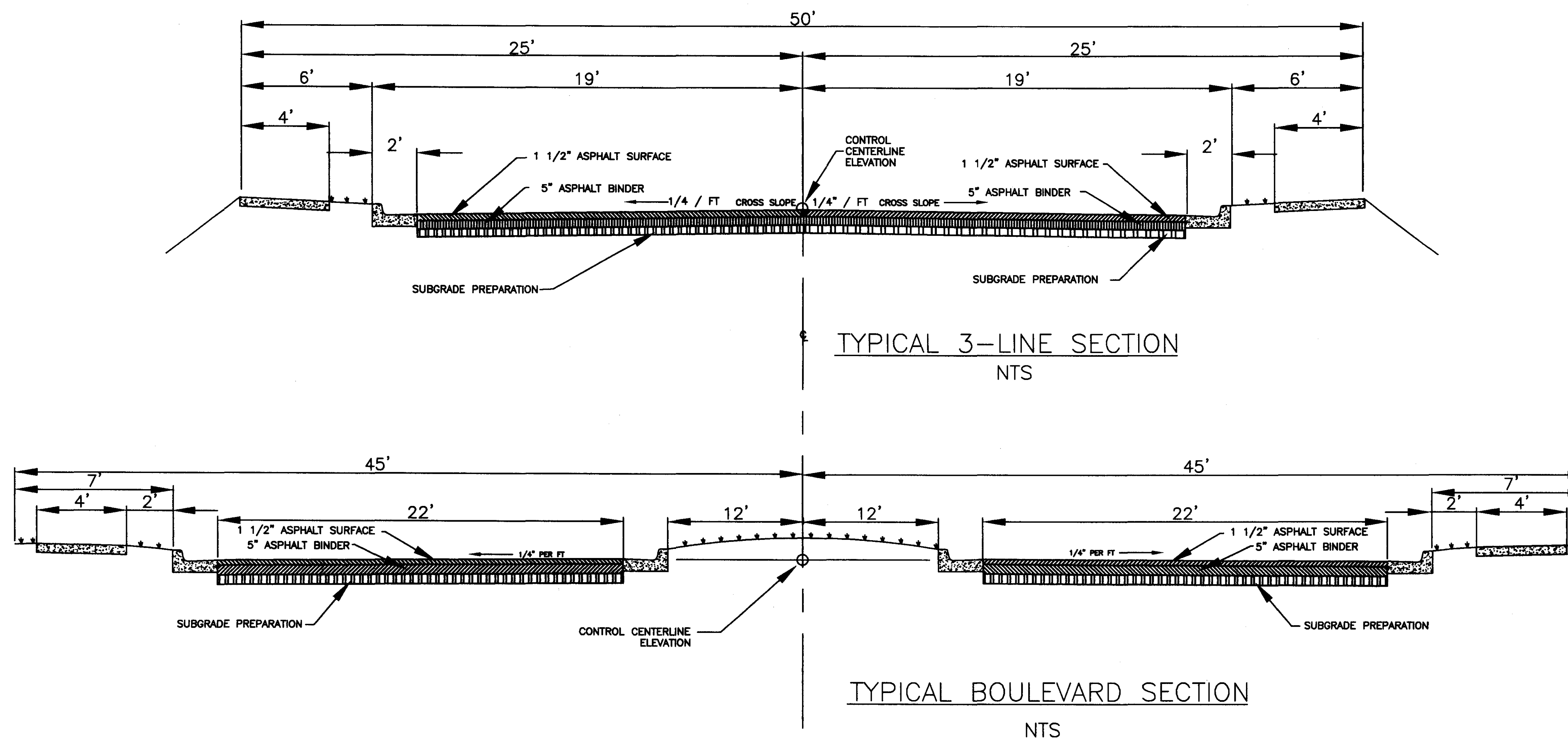
# PARCEL 2 ACCESS ROAD, CONTRACT 2

## VENTURE PROPERTIES

REVISIONS		
NO.	DATE	BY
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SCALE  
N/A  
DATE 04/23/98  
APPROVED BY D.S.B.  
DRAWN BY A.U.J.  
CHECKED BY

SHEET TITLE  
**RECORD DRAWINGS 7-10-2000**  
**GENERAL NOTES AND INDEX**  
FILE NAME GENERNOTES.DWG SHEET NO. **2**



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**PARCEL 2 ACCESS ROAD, CONTRACT 2**  
**VENUTRE PROPERTIES**

REVISIONS		
NO.	DATE	BY
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SCALE: NTS  
 DATE: 04/23/99  
 APPROVED BY: D.S.B.  
 DRAWN BY: A.U.J.  
 CHECKED BY: D.S.B.  
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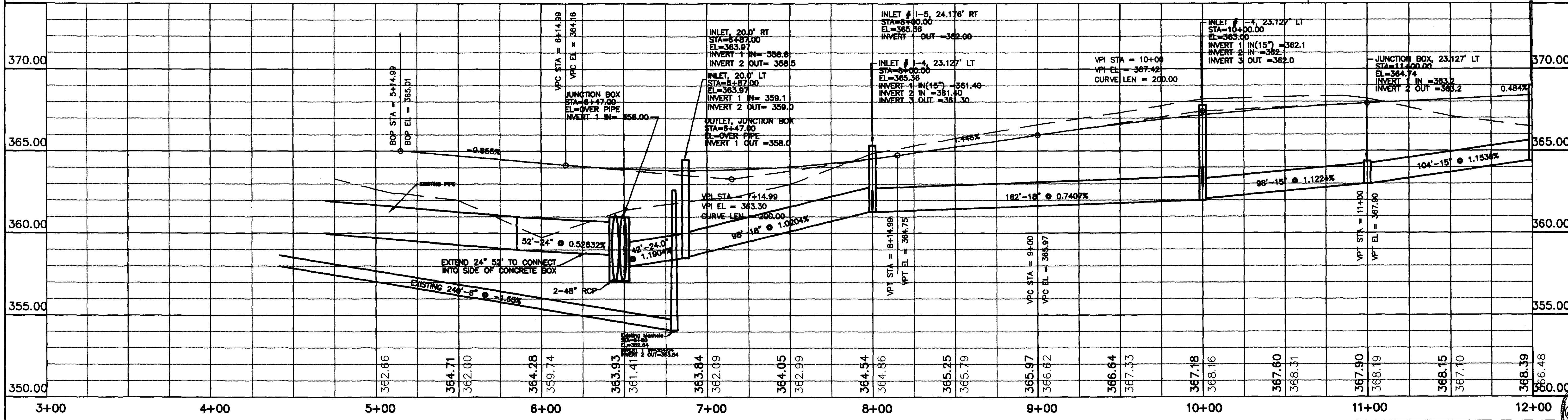
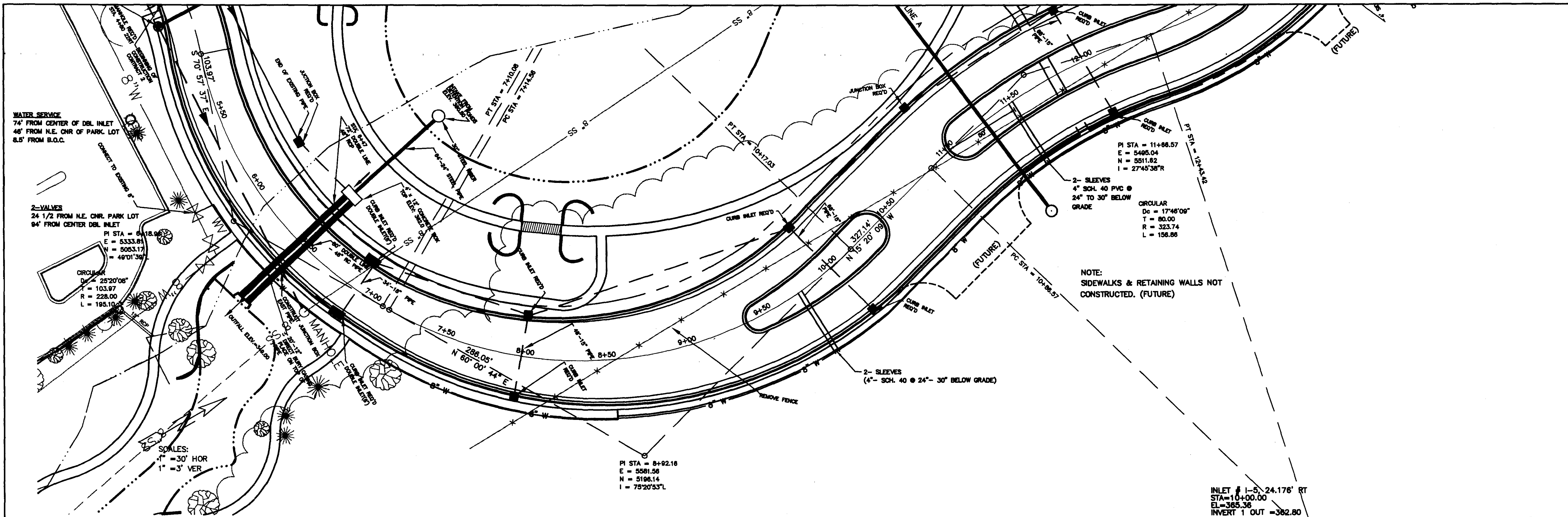
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**TYPICAL ROAD SECTIONS**

FILE NAME: TYPICAL2.DWG SHEET NO. **3**









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# PARCEL 2 ACCESS ROAD, CONTRACT 2

## VENTURE PROPERTIES

REVISIONS		
NO.	DATE	BY
1	06-28-99	A.U.J.
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SCALE  
HORIZ.: 1" = 30'  
VERT.: 1" = 3'

DATE  
6-3-99

APPROVED BY  
D.S.B.

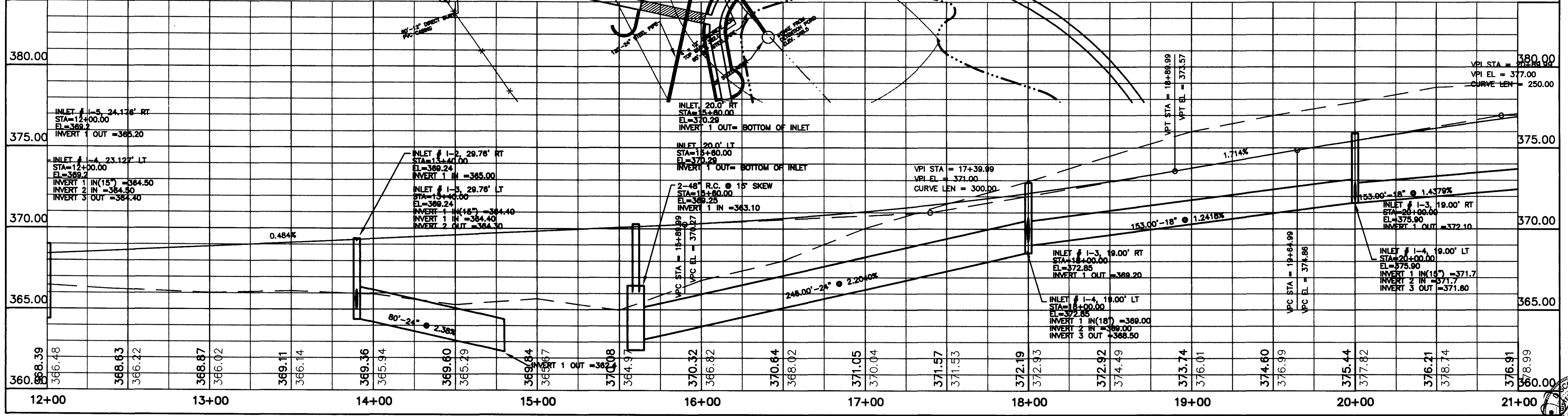
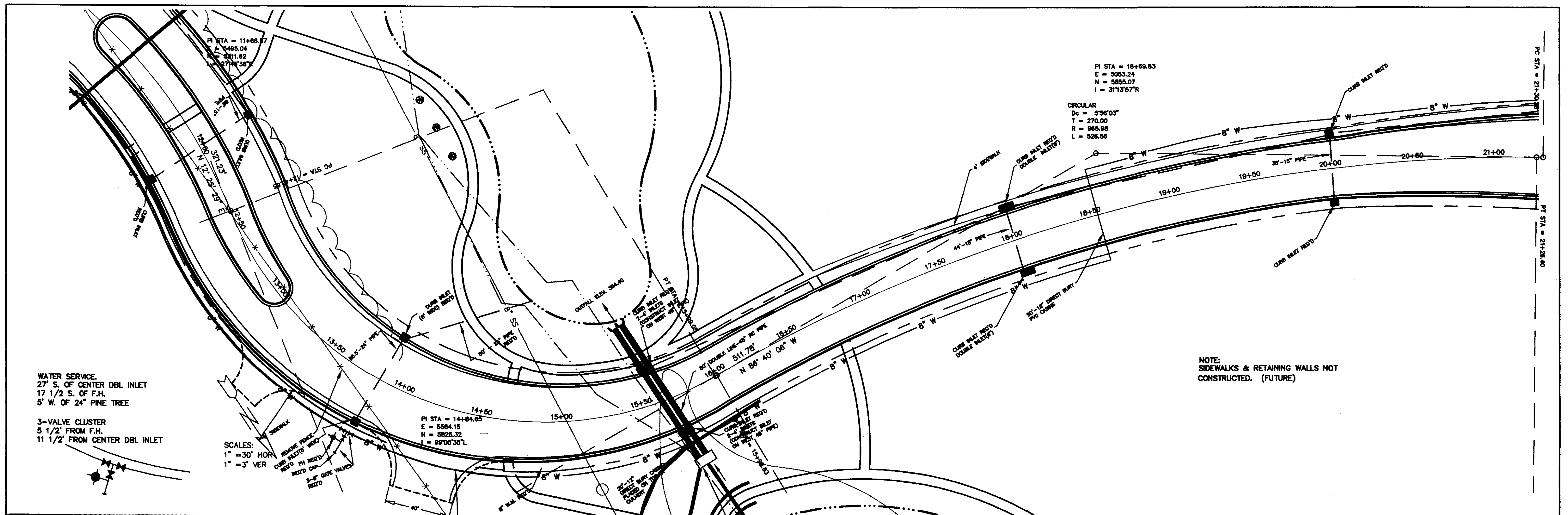
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A.U.J.

CHECKED BY  
D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
PLAN/PROFILE

FILE NAME RCP01600 SHEET NO. **5**





WATER SERVICE  
27' S. OF CENTER DBL INLET  
17 1/2' S. OF F.H.  
5' W. OF 24" PINE TREE

3-VALVE CLUSTER  
5 1/2' FROM F.H.  
11 1/2' FROM CENTER DBL INLET

SCALES:  
1" = 30' HOR  
1" = 3' VER

NOTE:  
SIDEWALKS & RETAINING WALLS NOT  
CONSTRUCTED. (FUTURE)



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# PARCEL 2 ACCESS ROAD, CONTRACT 2

## VENTURE PROPERTIES

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APPROVED BY  
D.S.B.

DRAWN BY  
A.U.J.

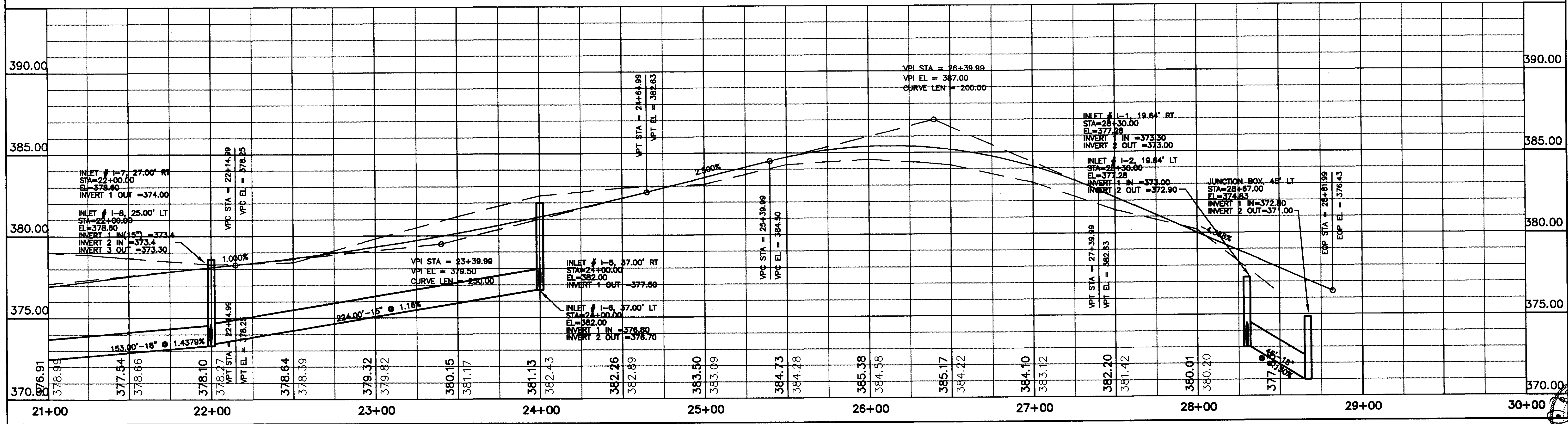
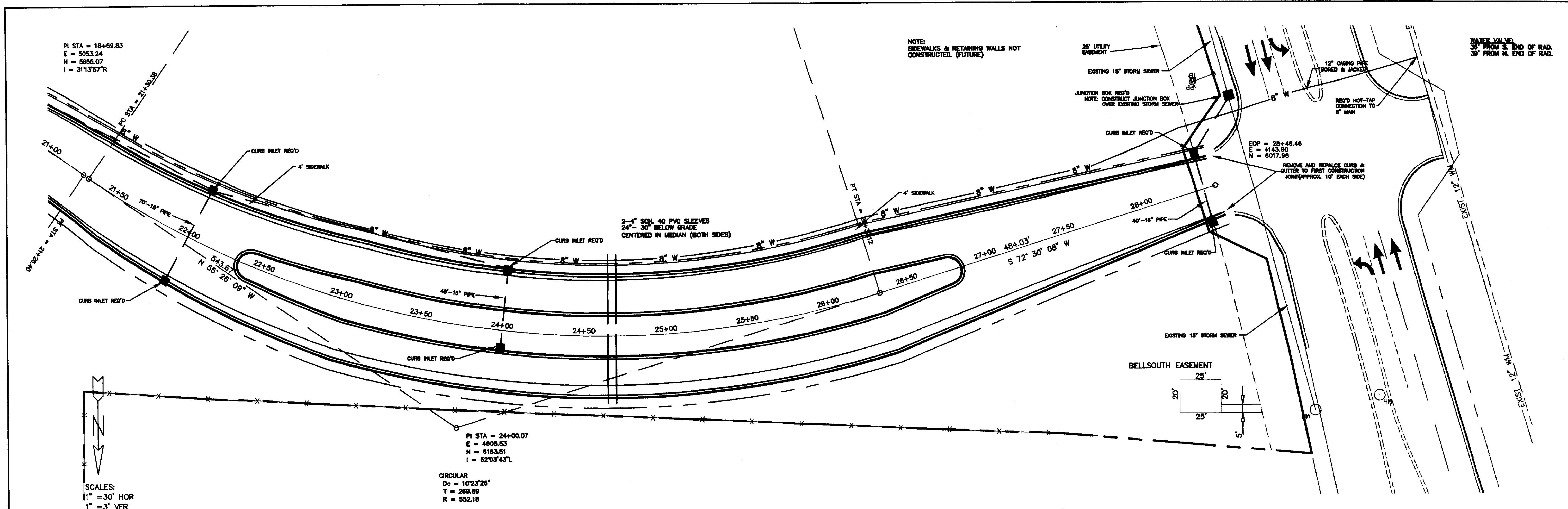
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SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
PLAN/PROFILE

FILE NAME RCP02600.DWG

SHEET NO. **6**





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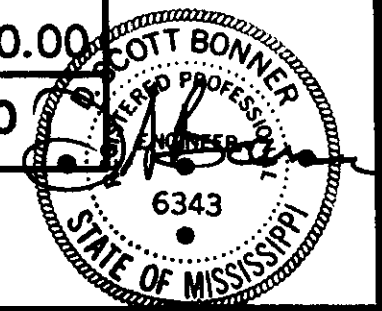
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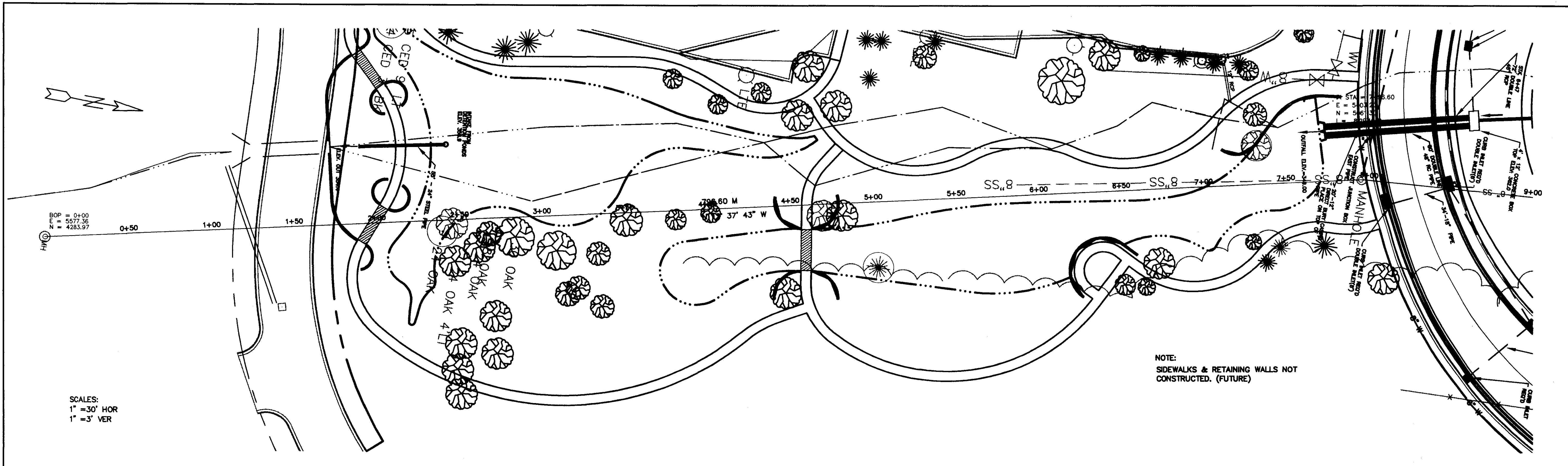
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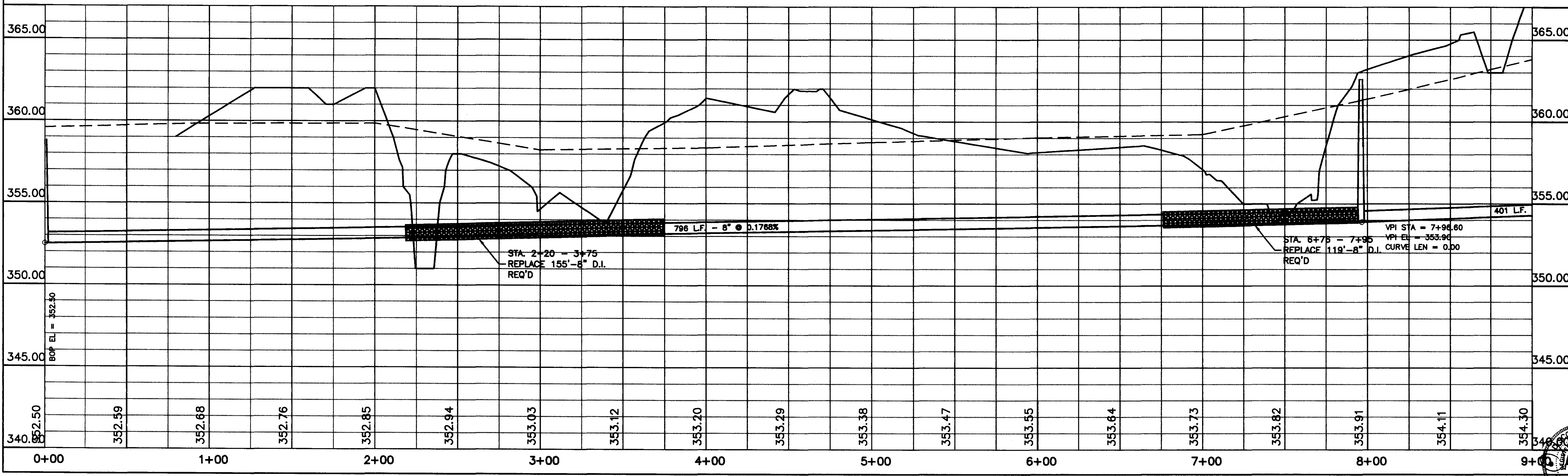
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APPROVED BY  
D.S.B.  
DRAWN BY  
A.U.J.  
CHECKED BY  
D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
PLAN/PROFILE  
FILE NAME RCP03600.DWG SHEET NO. **7**





SCALES:  
 1" = 30' HOR  
 1" = 3' VER



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## VENTURE PROPERTIES

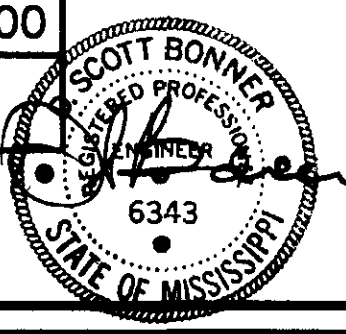
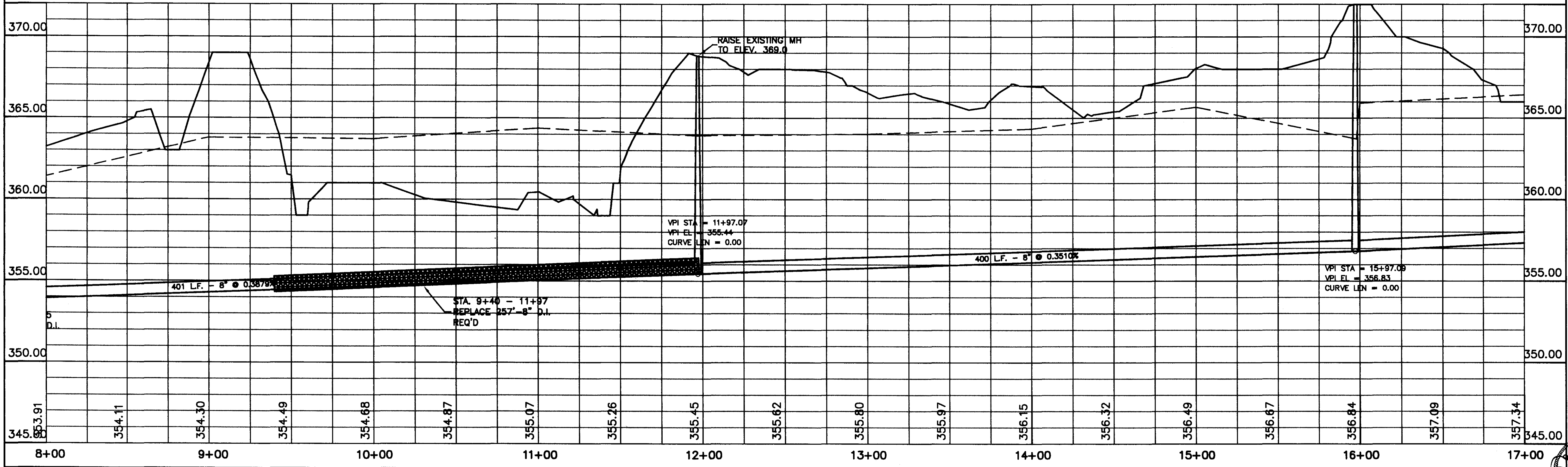
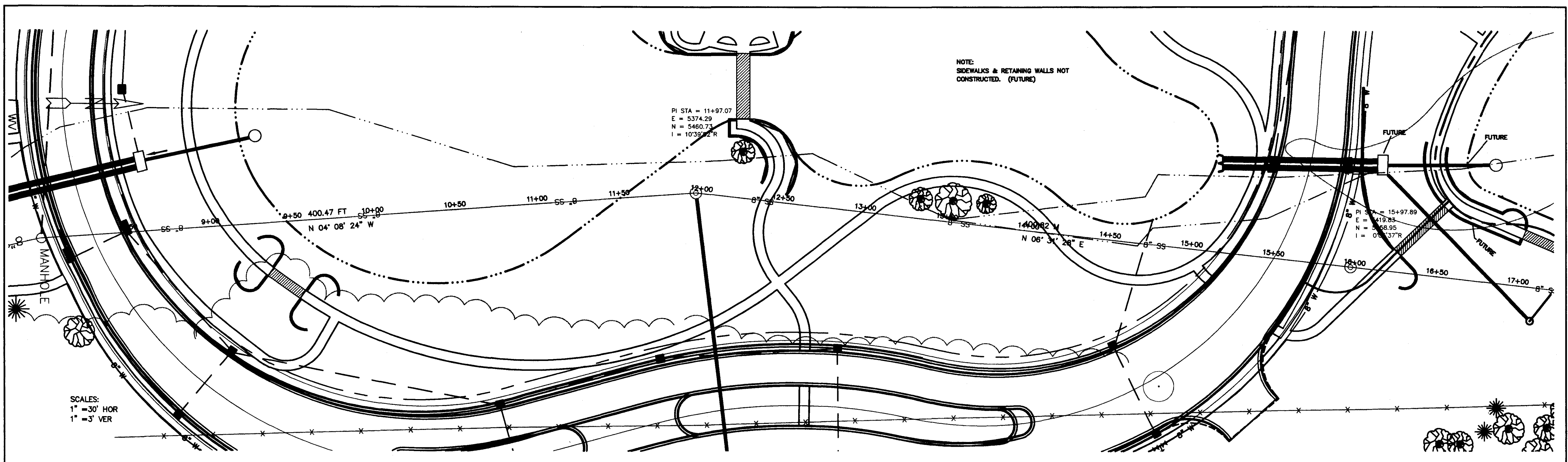
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 DATE 04/23/99  
 APPROVED BY D.S.B.  
 DRAWN BY A.U.J.  
 CHECKED BY D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
**EXISTING SEWER REPLACEMENT**

FILE NAME RCP01900.DWG SHEET NO. **8**





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# PARCELL 2 ACCESS ROAD, CONTRACT 2

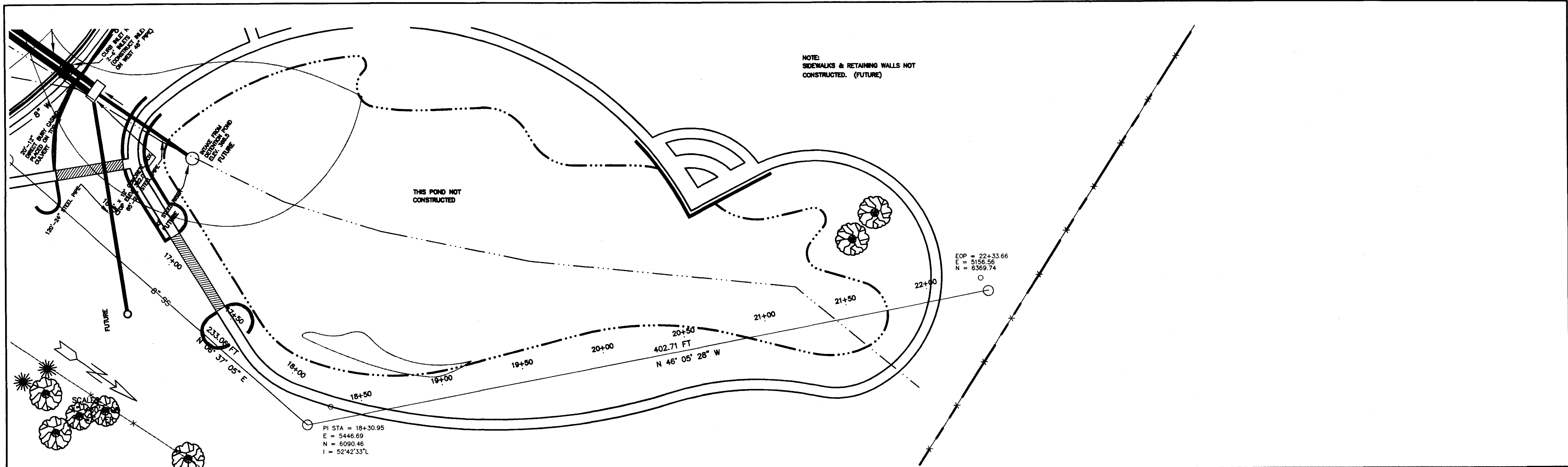
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 APPROVED BY: D.S.B.  
 DRAWN BY: A.U.J.  
 CHECKED BY: D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
**EXISTING SEWER REPLACEMENT**

FILE NAME: RCP02900.DWG    SHEET NO. **9**

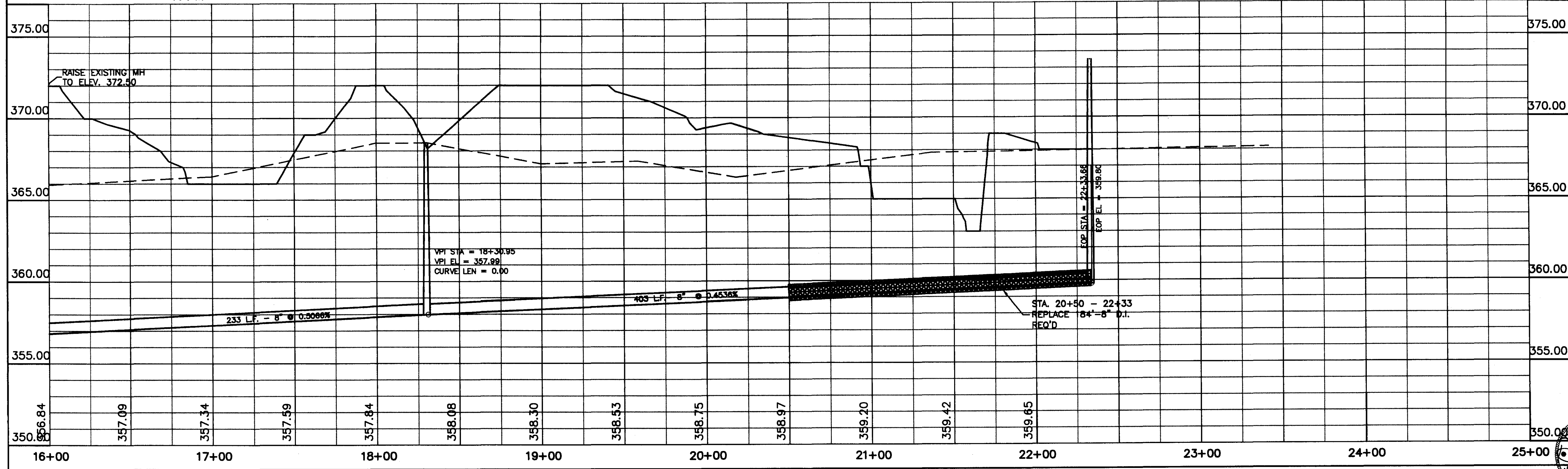


NOTE:  
SIDEWALKS & RETAINING WALLS NOT  
CONSTRUCTED. (FUTURE)

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CONSTRUCTED

PI STA = 18+30.95  
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N = 6369.74



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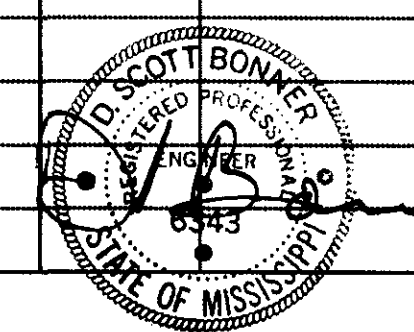
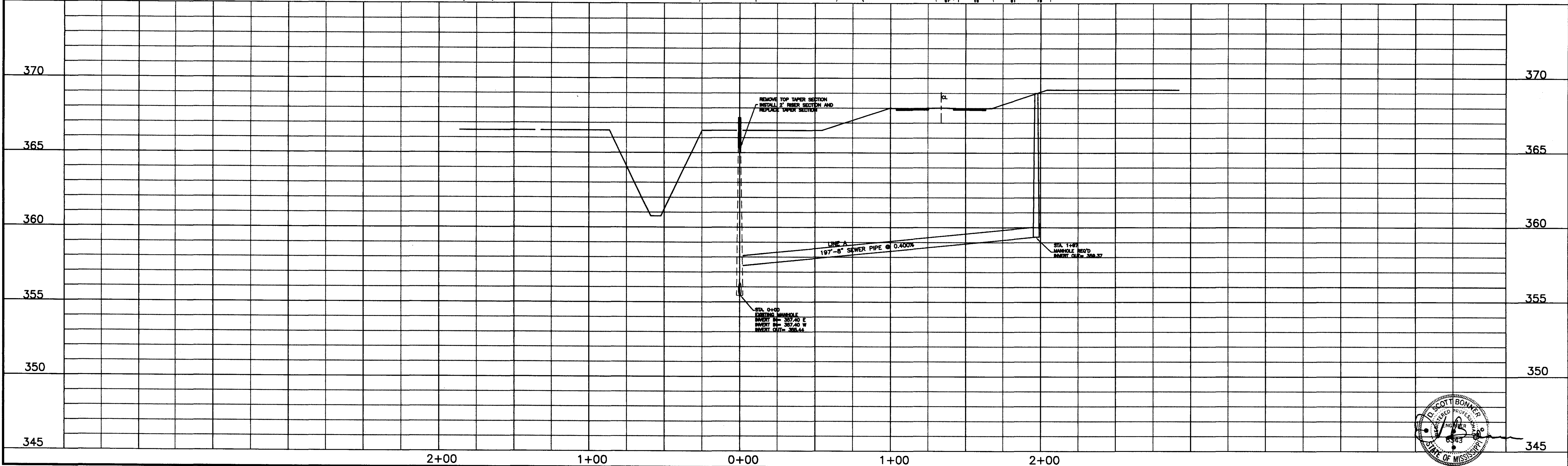
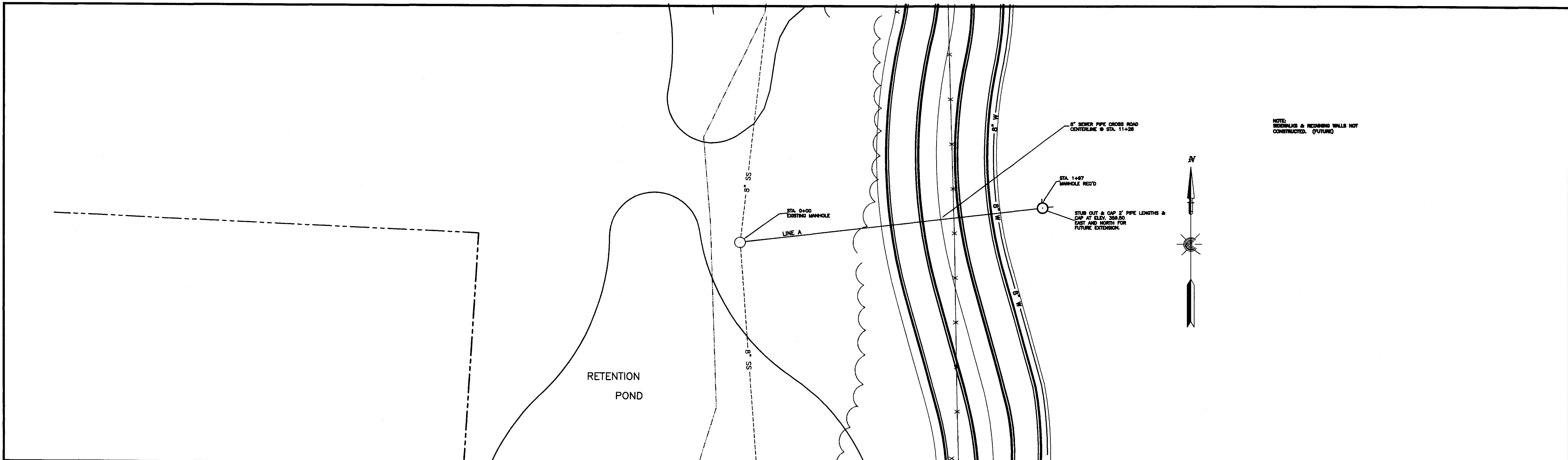
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APPROVED BY D.S.B.  
DRAWN BY A.U.J.  
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**RECORD DRAWINGS: 7-10-2000**  
**EXISTING SEWER REPLACEMENT**  
FILE NAME RCP03900.DWG SHEET NO. **10**





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## VENTURE PROPERTIES

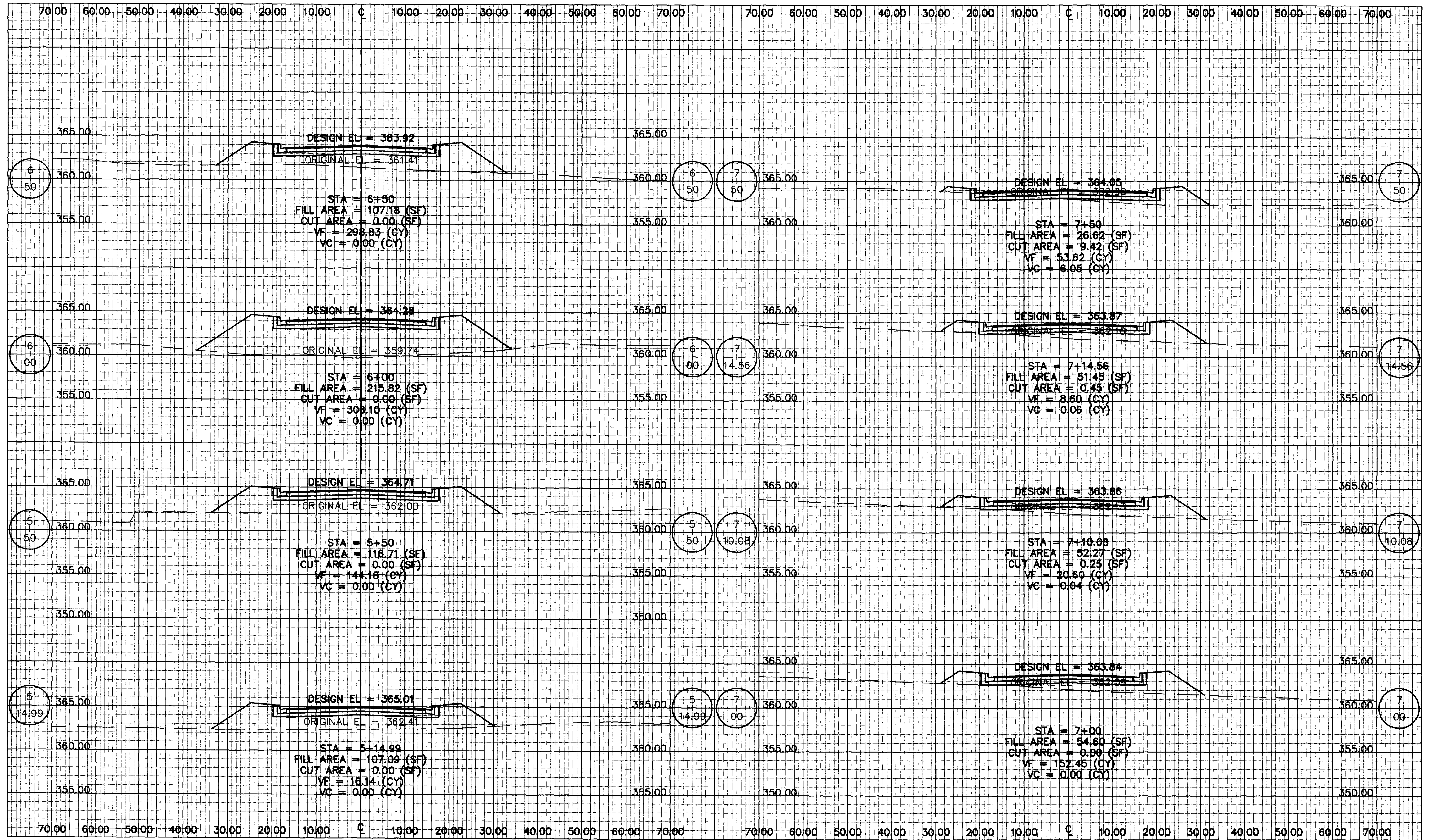
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VERT.: 1" = 3'  
DATE 04/23/99  
APPROVED BY D.S.B.  
DRAWN BY A.U.J.  
CHECKED BY

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
**PLAN/PROFILE**  
**PROPOSED SEWER**  
FILE NAME SEWER\_PPL.DWG SHEET NO. **11**







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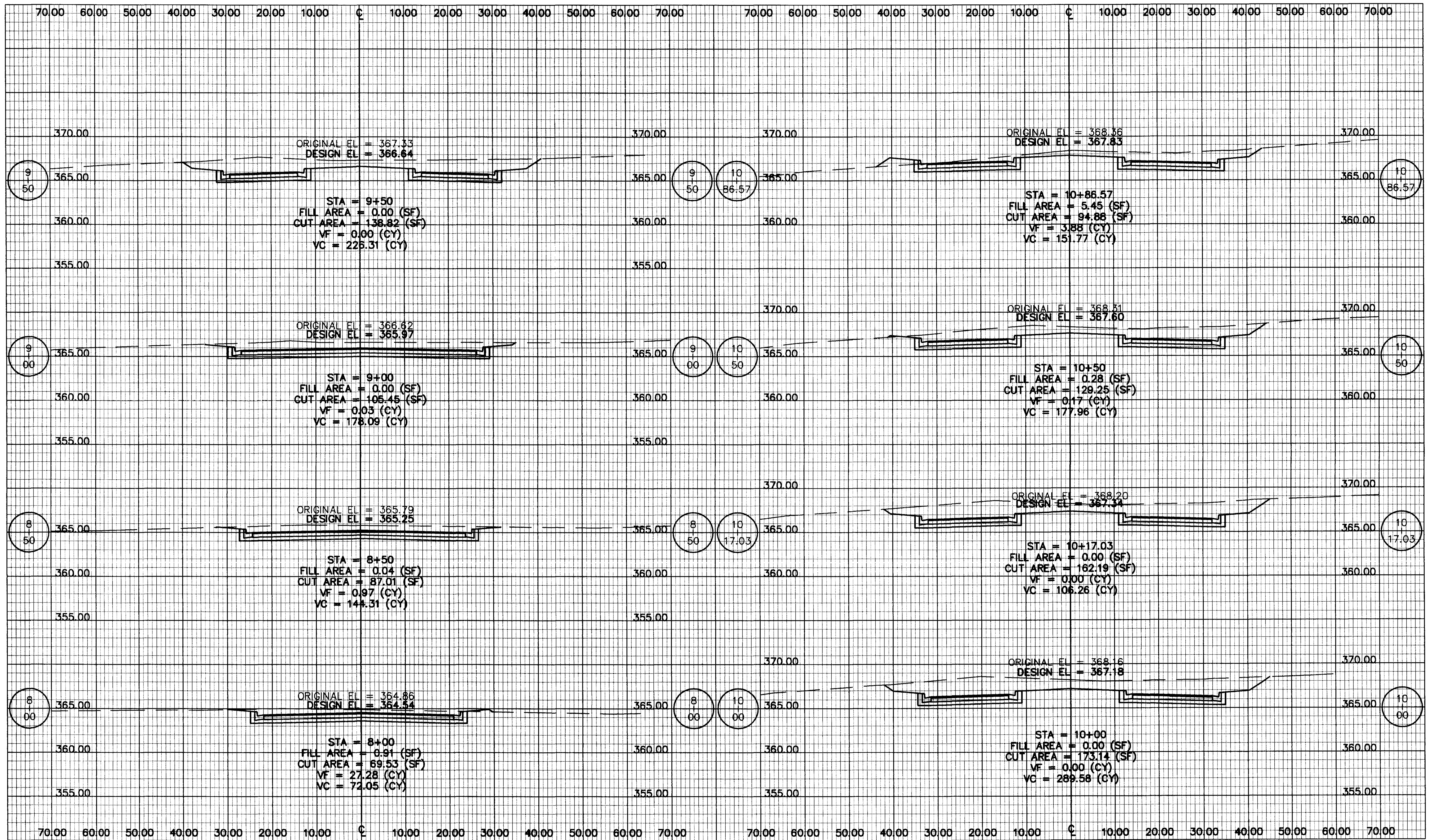
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 VERT.: 1" = 5'  
 DATE: 5-25-99  
 APPROVED BY: D.S.B.  
 DRAWN BY: A.U.J.  
 CHECKED BY: D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
 CROSS-SECTION  
 SHEET 1  
 FILE NAME: RC001600.DWG SHEET NO. 13





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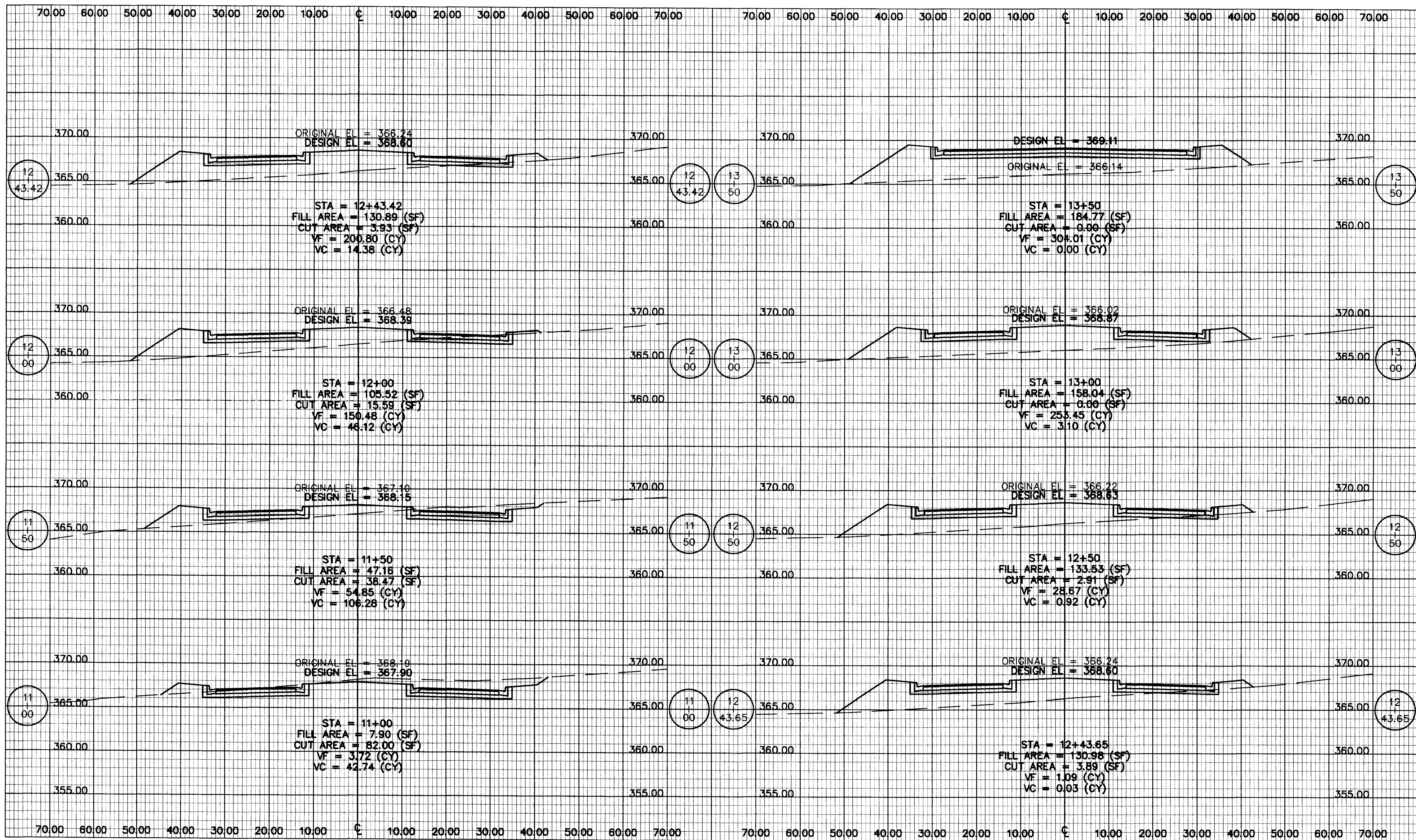
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SCALE  
HORZ.: 1" = 10'  
VERT.: 1" = 5'  
DATE  
5-25-99  
APPROVED BY  
D.S.B.  
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A.U.J.  
CHECKED BY  
D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
CROSS-SECTION  
SHEET 2  
FILE NAME RC002600.DWG SHEET NO. 14





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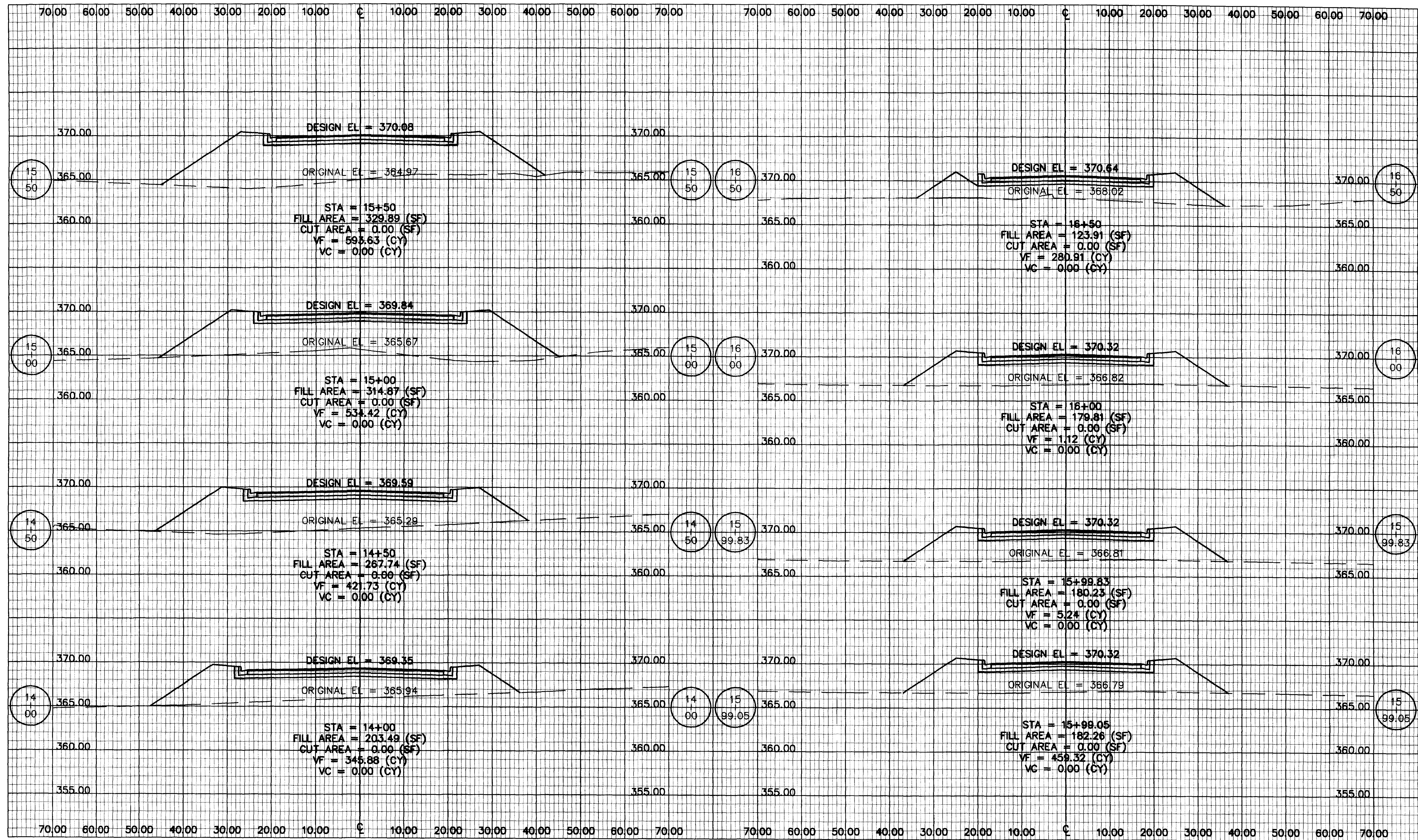
## VENTURE PROPERTIES

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SCALE  
HORZ.: 1" = 10'  
VERT.: 1" = 5'  
DATE: 5-25-99  
APPROVED BY: D.S.B.  
DRAWN BY: A.U.J.  
CHECKED BY: D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
CROSS-SECTION  
SHEET 3  
FILE NAME: RC003600.DWG SHEET NO. 15





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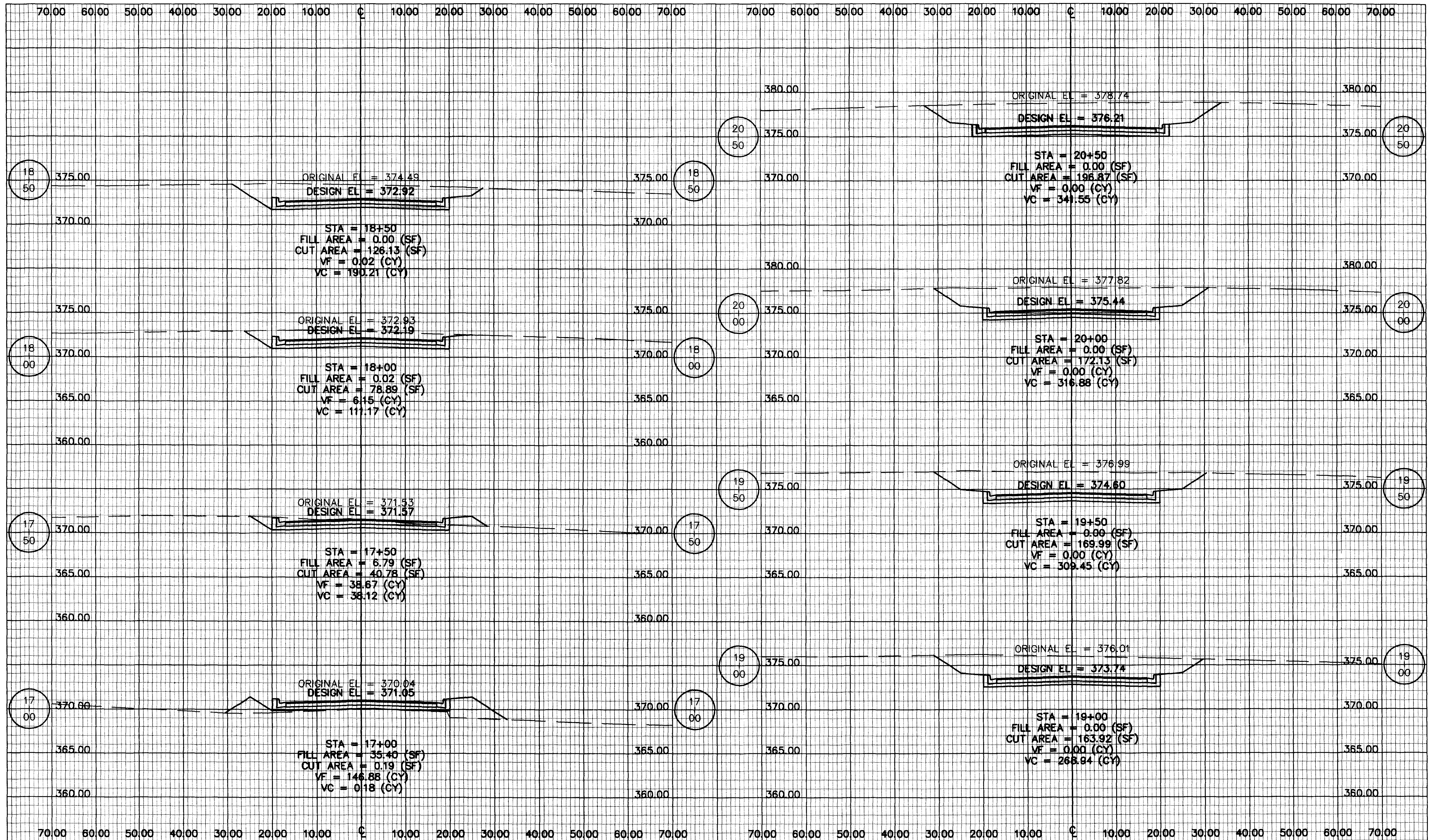
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SCALE  
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 DATE 5-25-99  
 APPROVED BY D.S.B.  
 DRAWN BY A.U.J.  
 CHECKED BY D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
 CROSS-SECTION  
 SHEET 4

FILE NAME RC004600.DWG SHEET NO. 16





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# PARCEL 2 ACCESS ROAD, CONTRACT 2

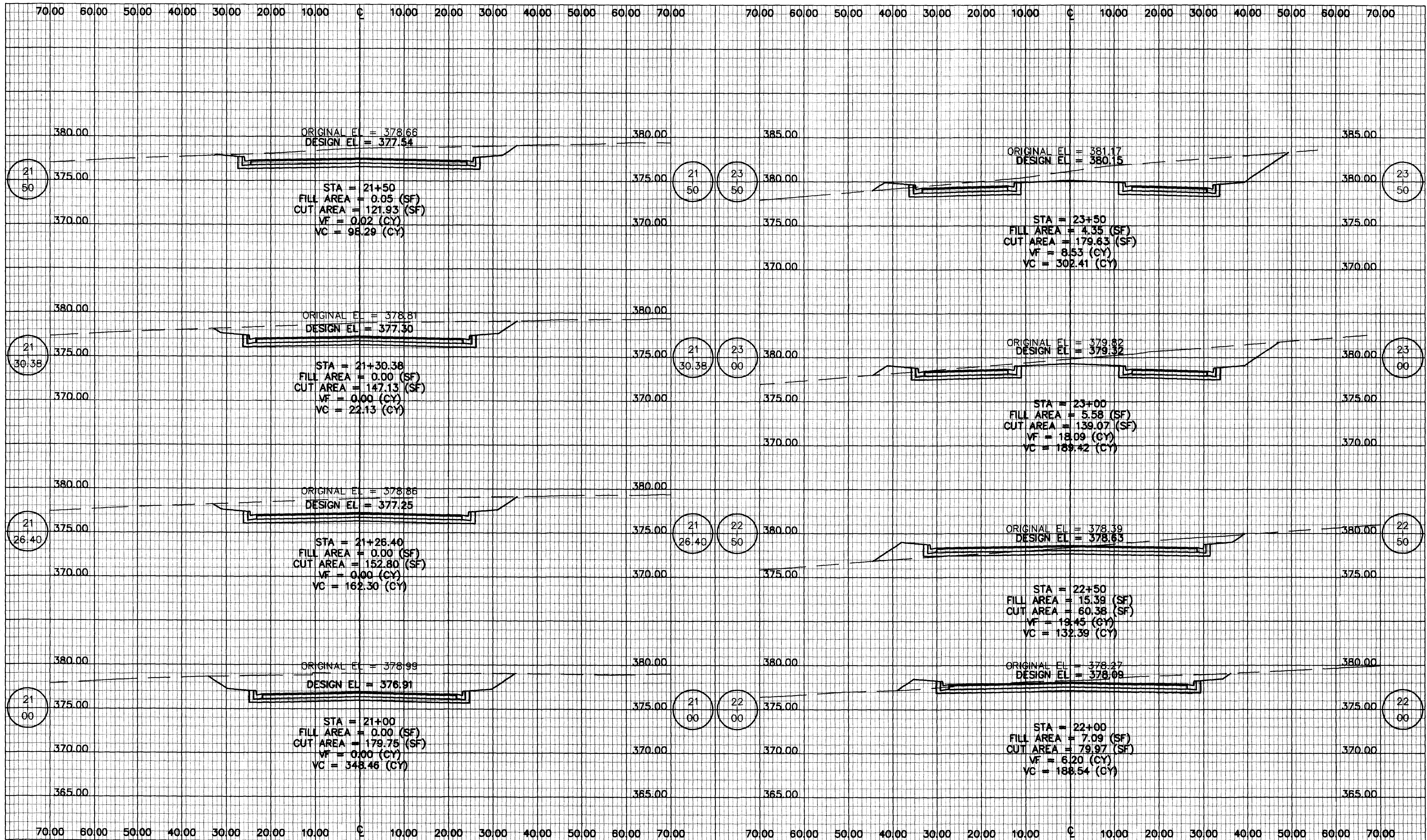
## VENTURE PROPERTIES

REVISIONS		
NO.	DATE	BY
1		
2		
3		
4		
5		
6		

SCALE  
 HORZ.: 1" = 10'  
 VERT.: 1" = 5'  
 DATE: 5-25-99  
 APPROVED BY: D.S.B.  
 DRAWN BY: A.U.J.  
 CHECKED BY: D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
 CROSS-SECTION  
 SHEET 5  
 FILE NAME: RC005600.DWG  
 SHEET NO. 17





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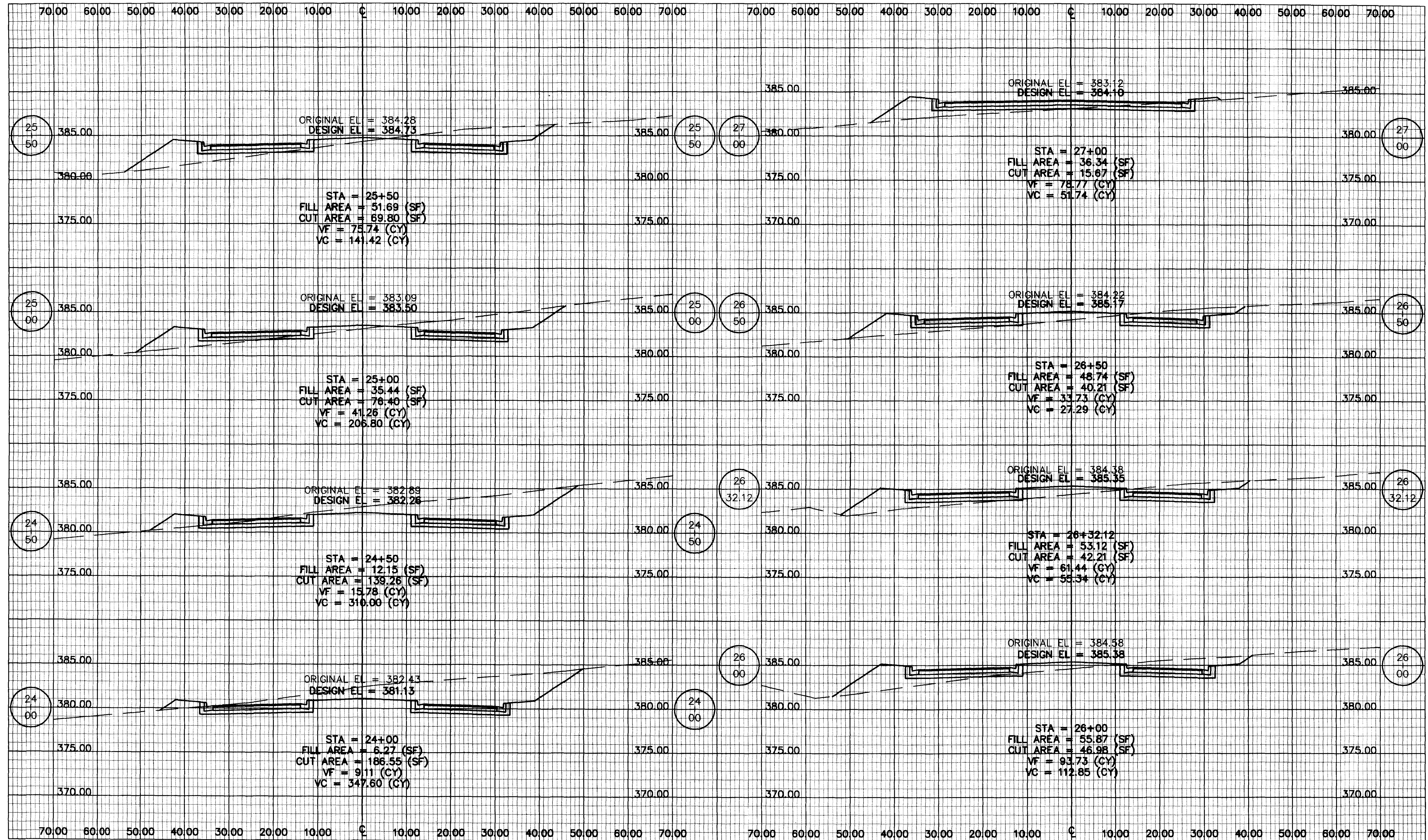
**PARCEL 2 ACCESS ROAD, CONTRACT 2**  
**VENTURE PROPERTIES**

REVISIONS		
NO.	DATE	BY
1		
2		
3		
4		
5		
6		

SCALE  
 HORZ.: 1" = 10'  
 VERT.: 1" = 5'  
 DATE 5-25-99  
 APPROVED BY D.S.B.  
 DRAWN BY A.U.J.  
 CHECKED BY D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
**CROSS-SECTION**  
**SHEET 6**  
 FILE NAME RCO06500 SHEET NO. 18





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# PARCEL 2 ACCESS ROAD, CONTRACT 2

## VENTURE PROPERTIES

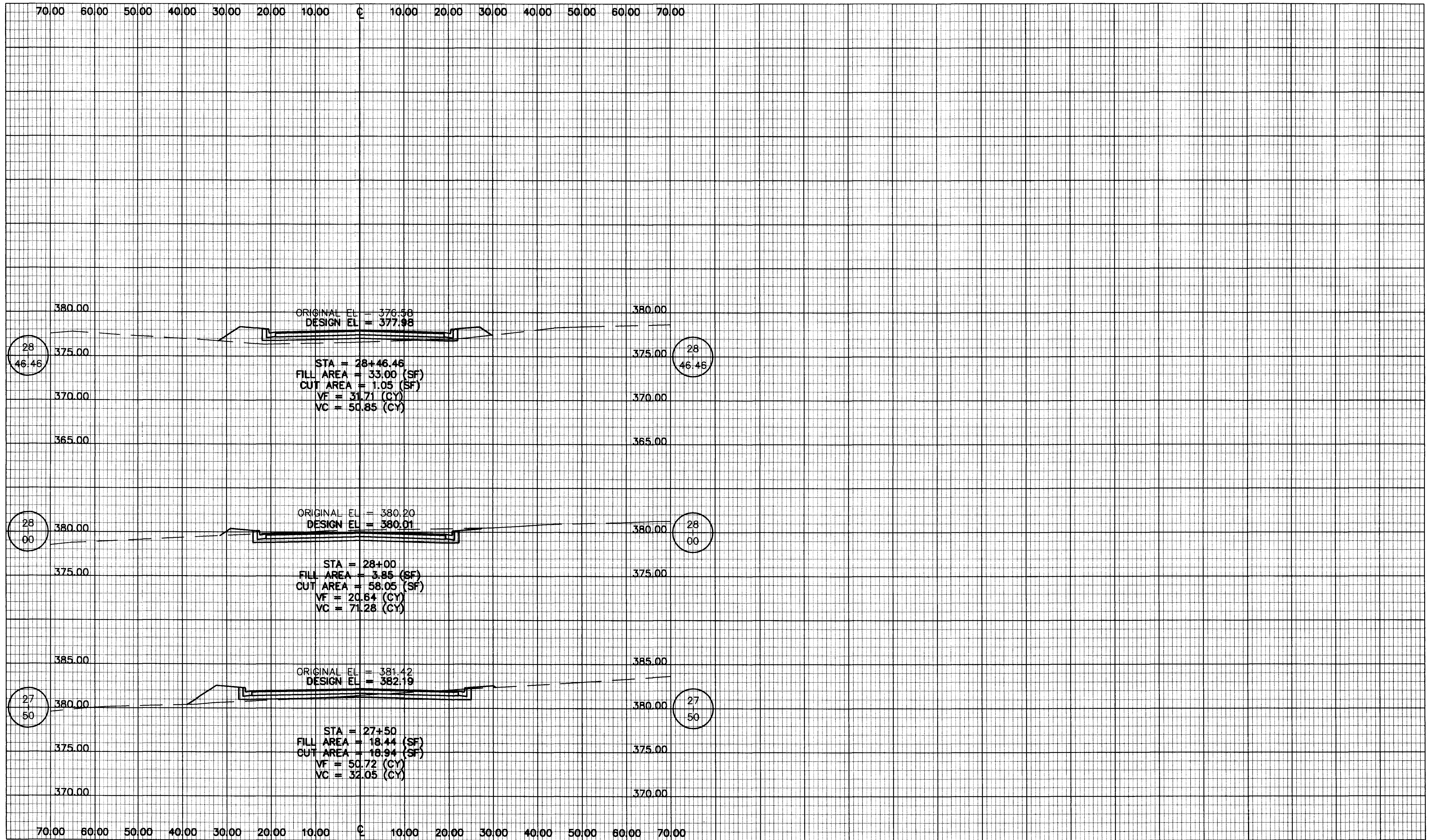
REVISIONS		
NO.	DATE	BY
1		
2		
3		
4		
5		
6		

SCALE  
 HORZ.: 1" = 10'  
 VERT.: 1" = 5'  
 DATE 5-25-99  
 APPROVED BY D.S.B.  
 DRAWN BY A.U.J.  
 CHECKED BY D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
 CROSS-SECTION  
 SHEET 7

FILE NAME RC007600.DWG SHEET NO. 19





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**PARCEL 2 ACCESS ROAD, CONTRACT 2**  
**VENTURE PROPERTIES**

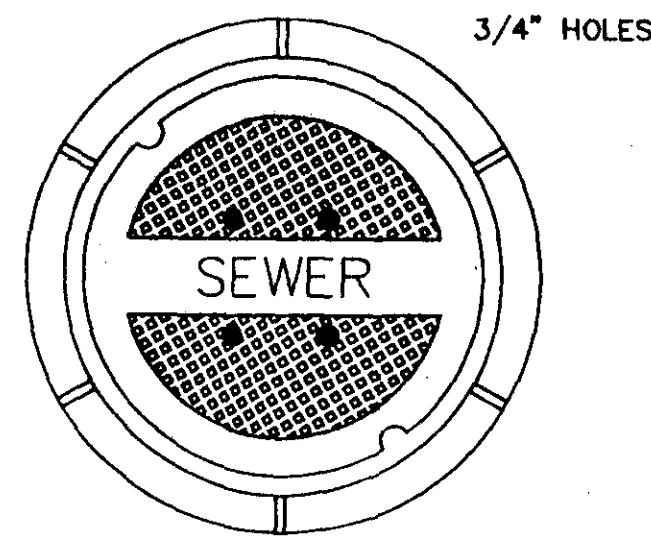
REVISIONS		
NO.	DATE	BY
1		
2		
3		
4		
5		
6		

SCALE  
 HORZ.: 1" = 10'  
 VERT.: 1" = 5'  
 DATE 5-25-99  
 APPROVED BY D.S.B.  
 DRAWN BY A.U.J.  
 CHECKED BY D.S.B.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
 CROSS-SECTION  
 SHEET 8

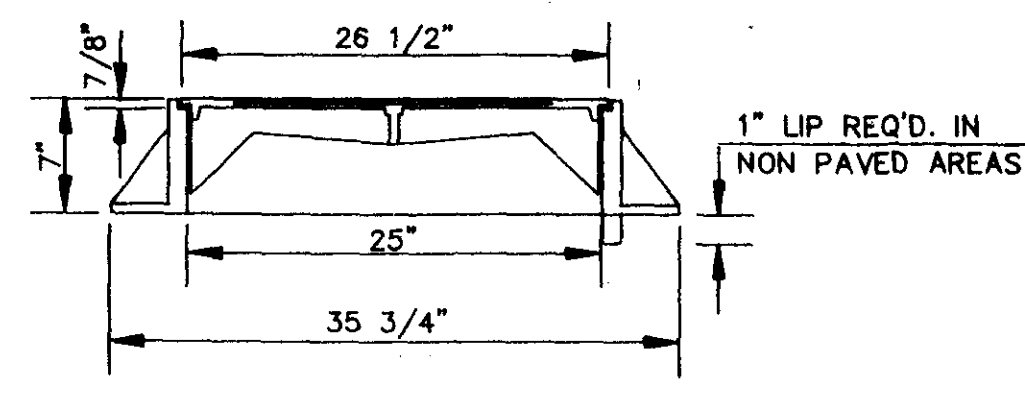
FILE NAME RC008600.DWG SHEET NO. 20



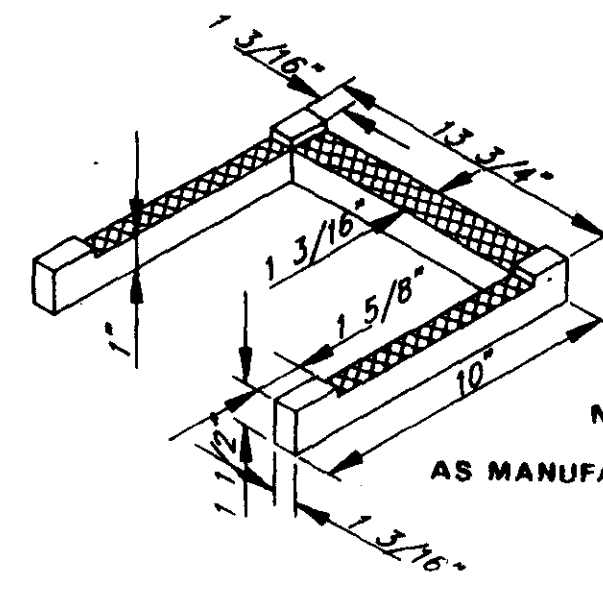


TOP PLAN OF COVER

3/4" HOLES



SECTION



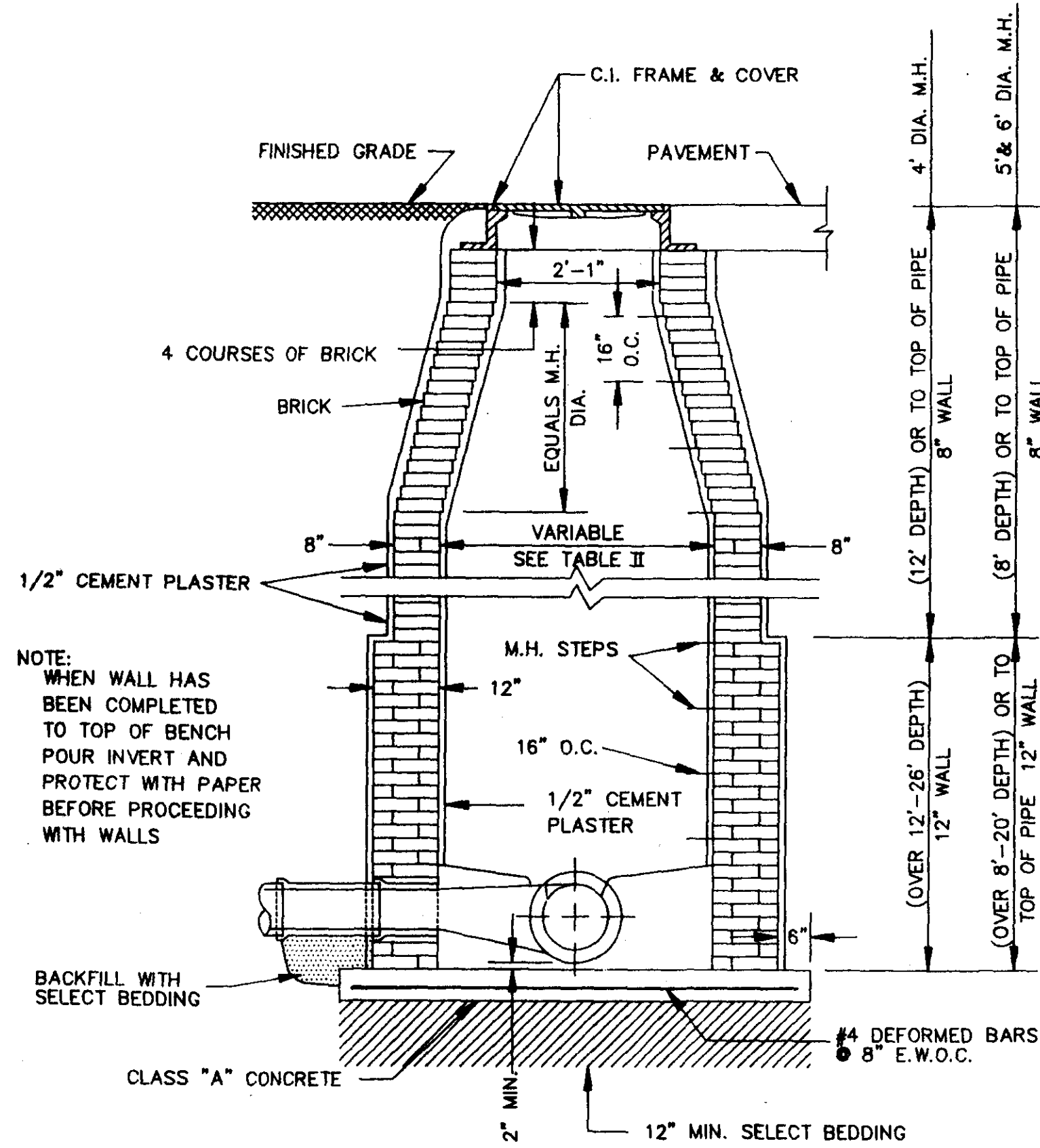
DETAIL 'B'

MODEL NO. PS2 - PF  
AS MANUFACTURED BY M.A. INDUSTRIES INC.

FRAME & COVER WEIGHT 420 LBS.

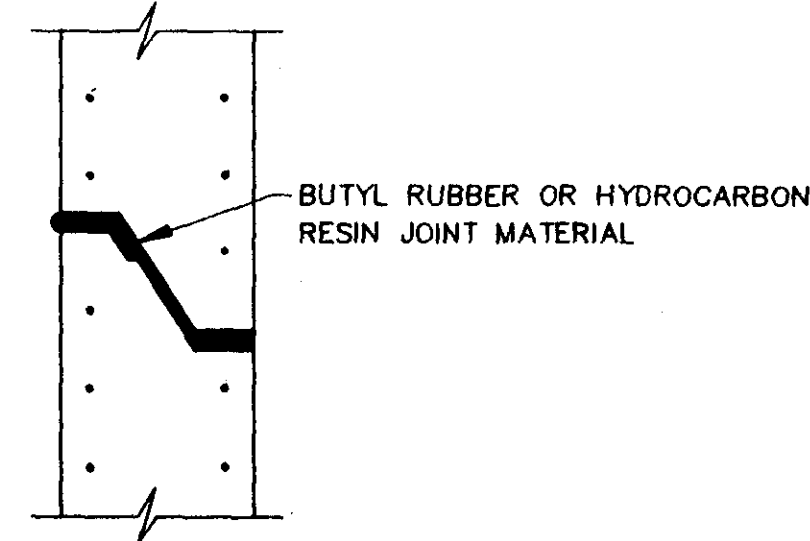
**STANDARD MANHOLE FRAME AND COVER**

N.T.S.



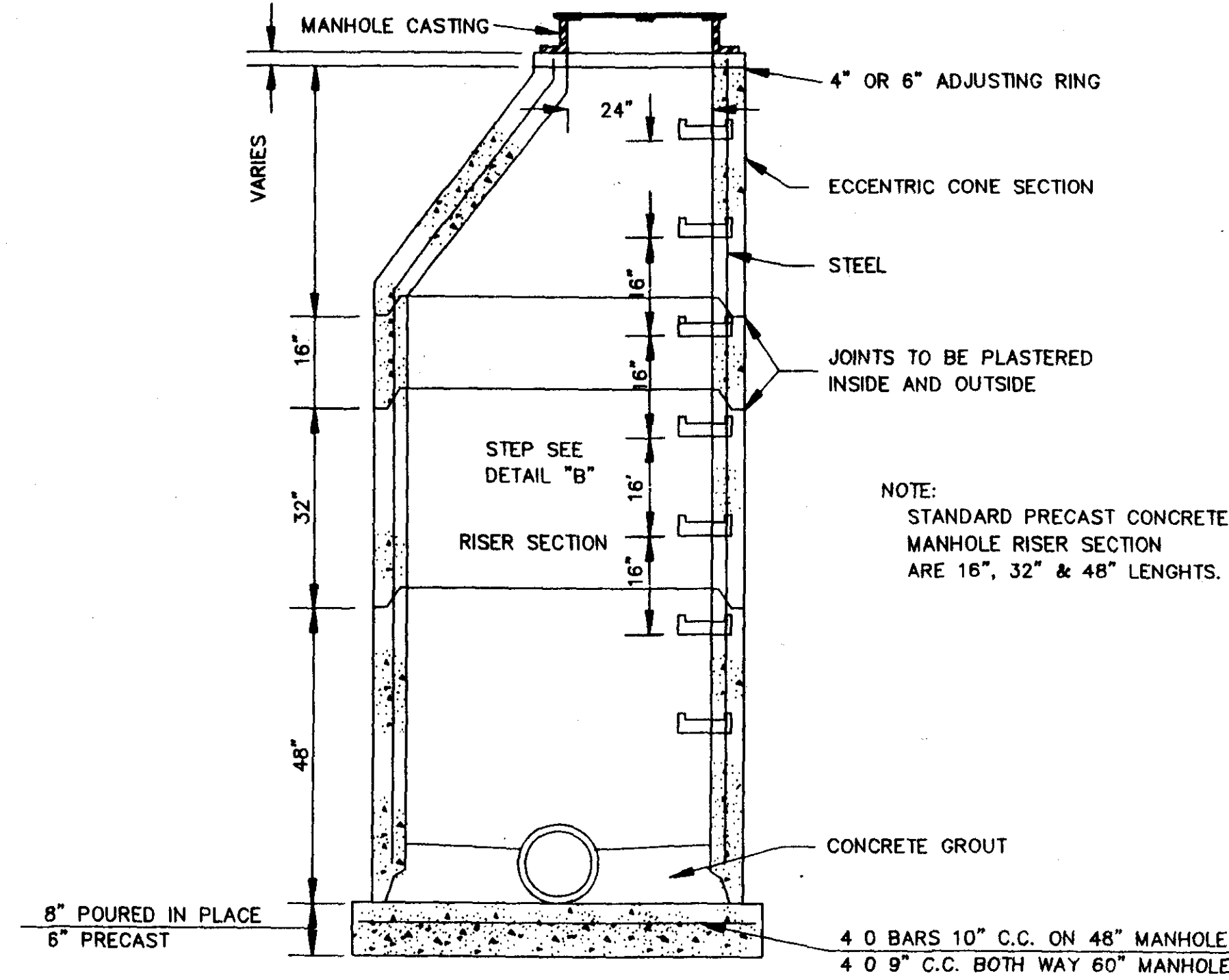
**STANDARD BRICK MANHOLE**

N.T.S.



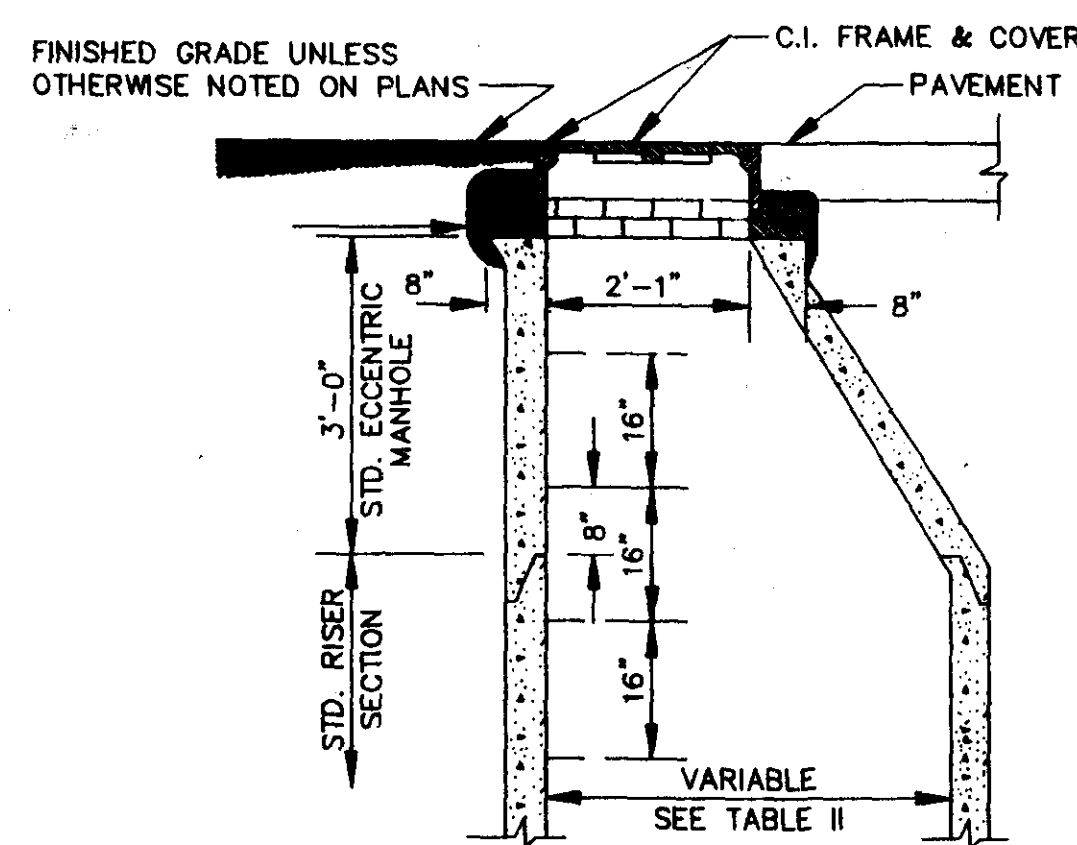
TYPICAL PRECAST CONCRETE  
MANHOLE JOINT DETAIL

N.T.S.



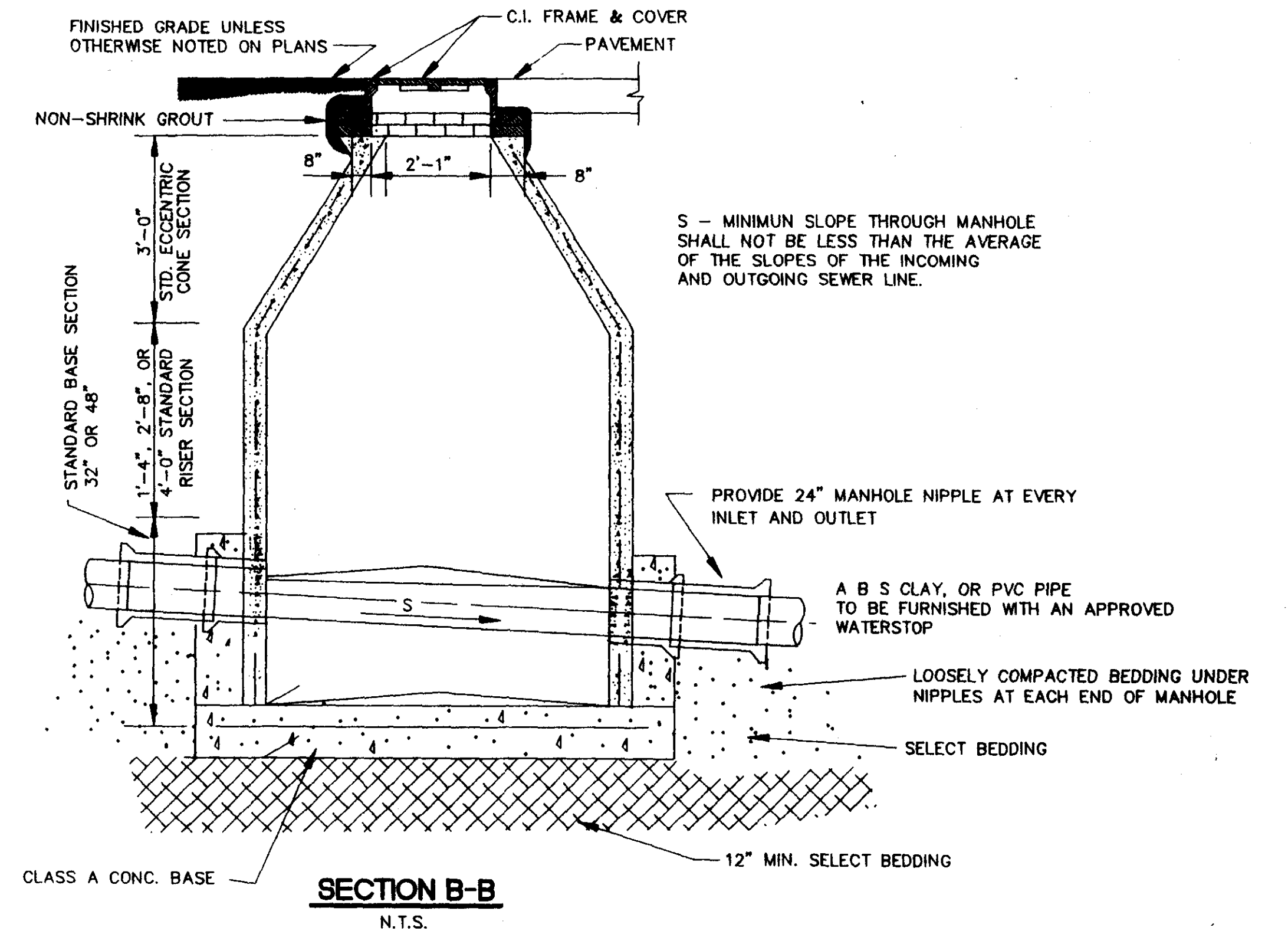
SECTION OF PRECAST CONCRETE MANHOLE

N.T.S.



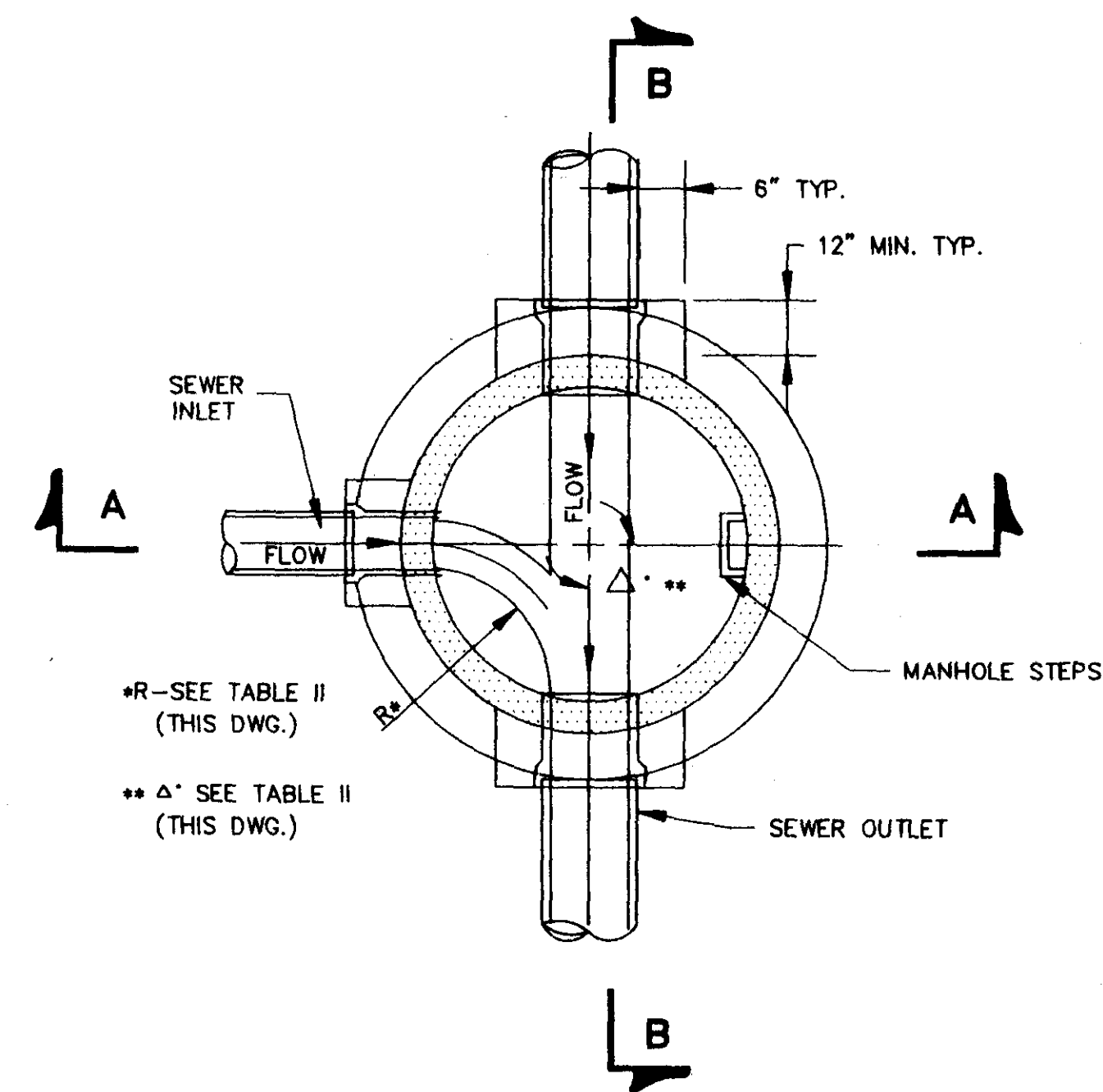
STANDARD ECCENTRIC CONE  
FOR ALL DIAMETER MANHOLES

N.T.S.



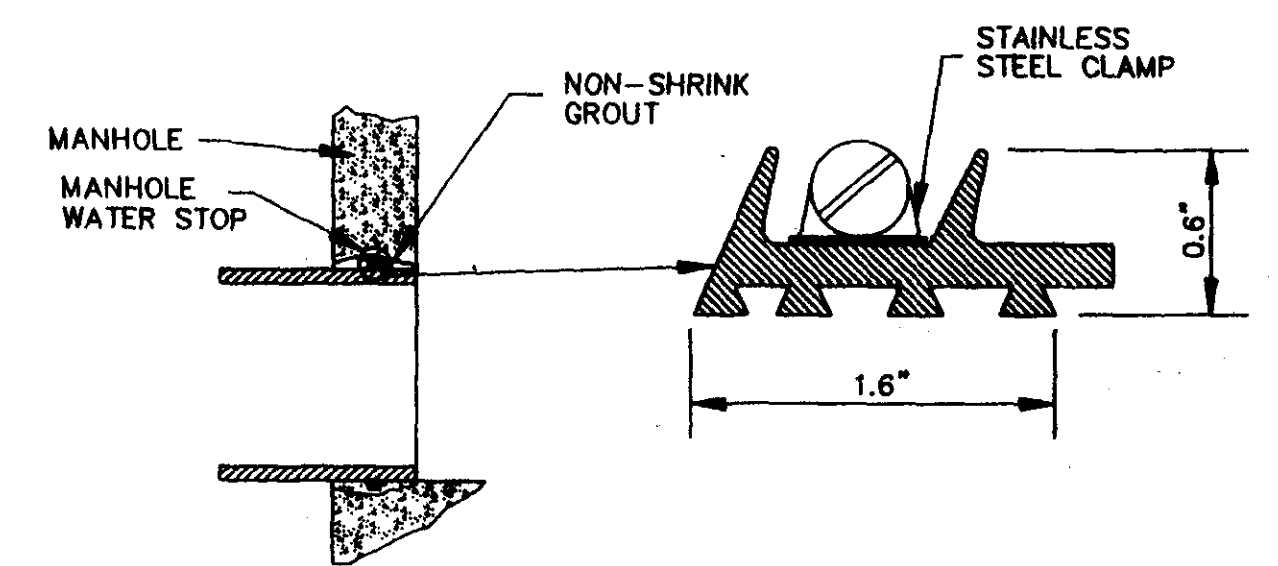
SECTION B-B

N.T.S.



SECTIONAL PLAN  
STANDARD MANHOLE

N.T.S.



TYPICAL MANHOLE WATER STOP  
FOR ABS, CLAY OR PVC PIPE

EXISTING AND "STRADDLE" MANHOLES  
N.T.S.

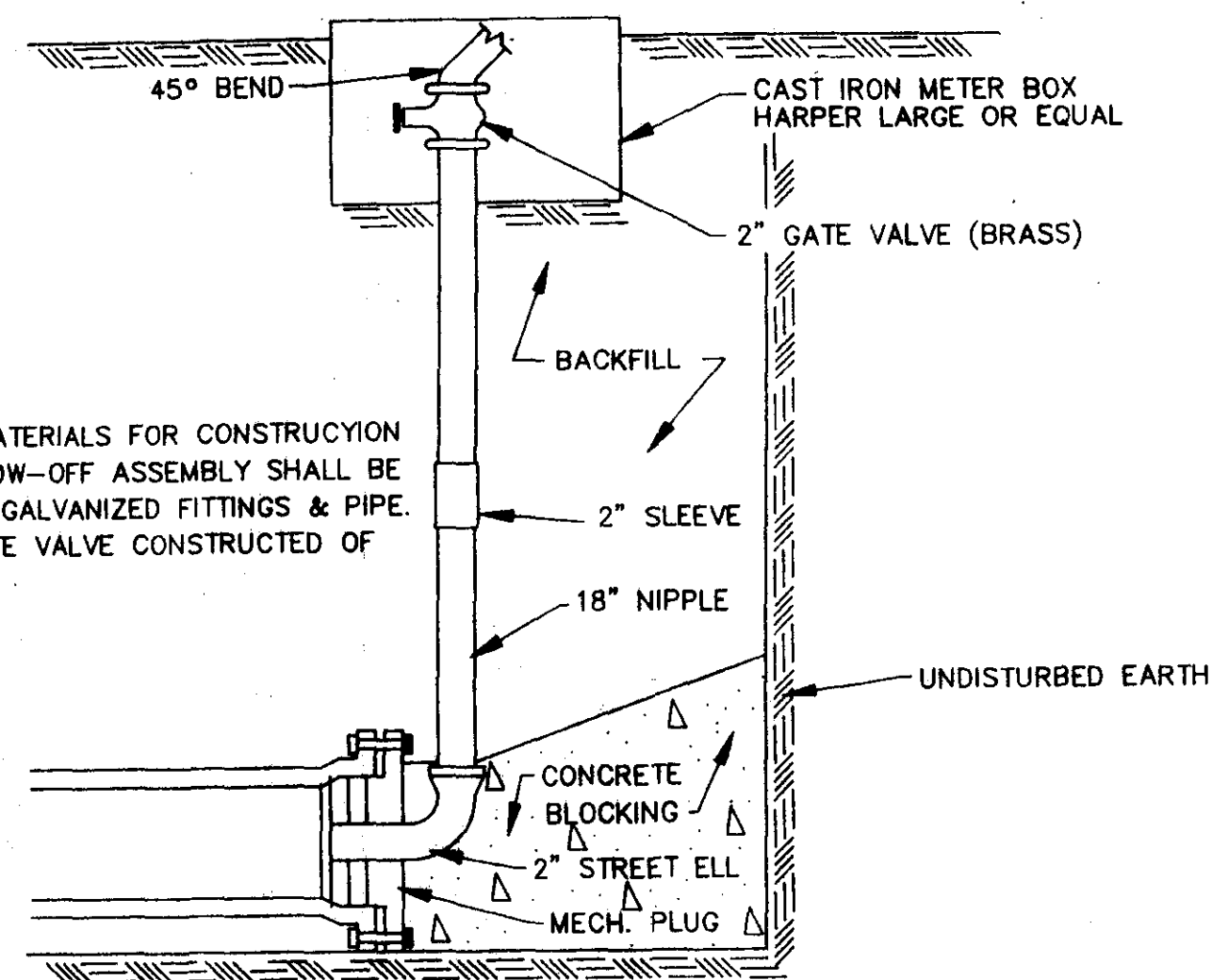
CITY OF RIDGELAND, MS.

STANDARD DETAILS

SHEET 1

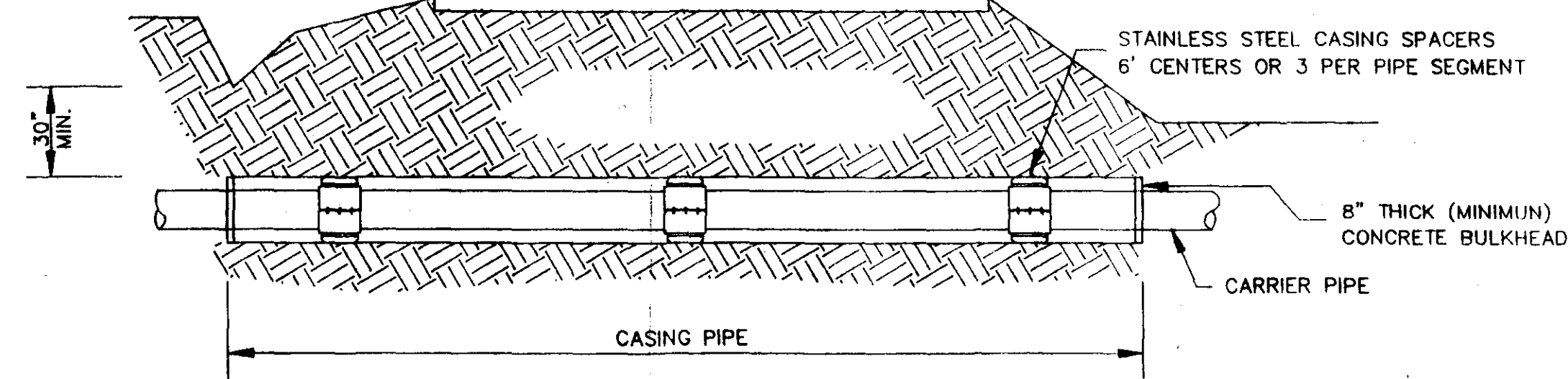
DSGN:	THE CITY OF RIDGELAND	DRAWING NO.
DRWN:		
CHKD:		
SCALE:		



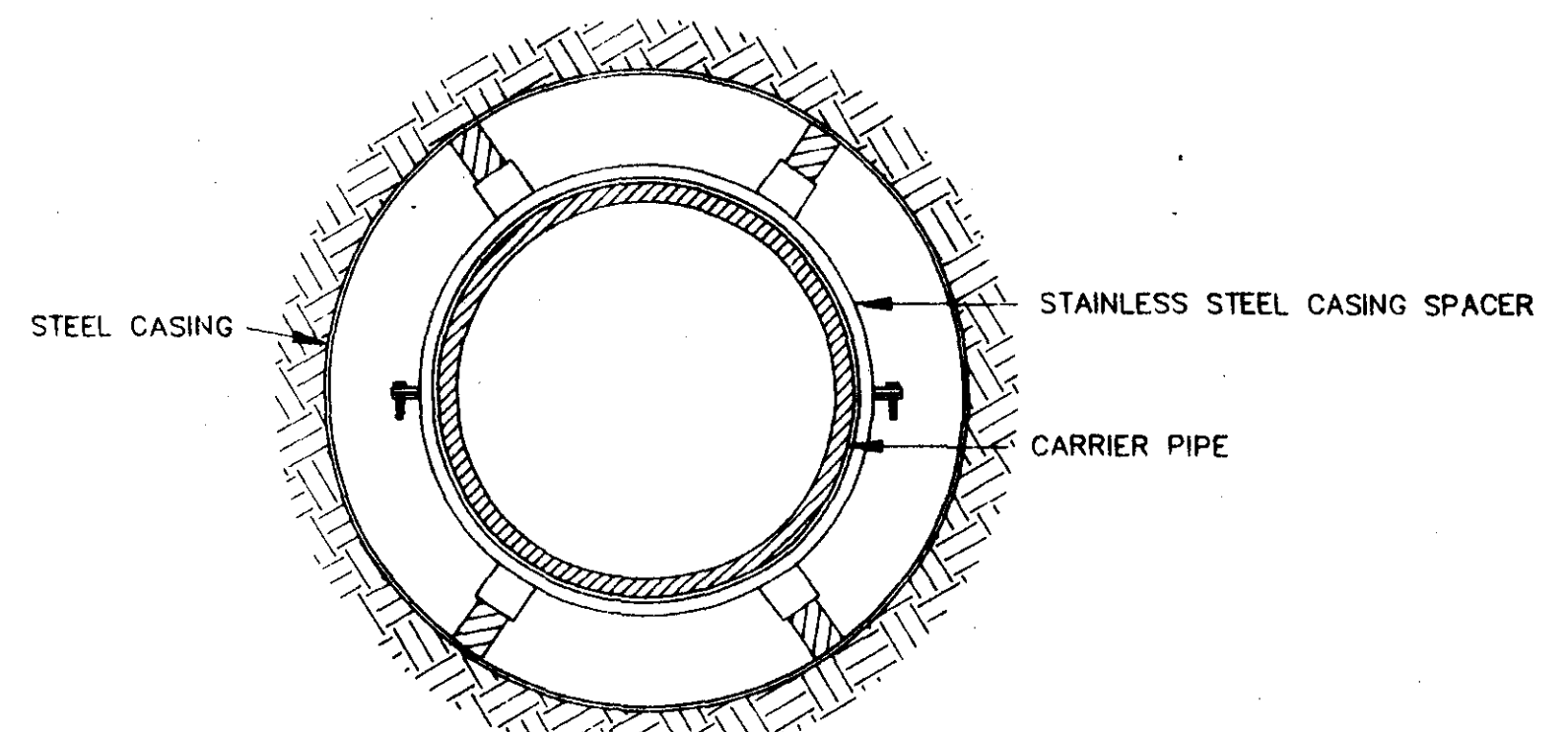


**TYPICAL BLOW-OFF ASSEMBLY**  
N.T.S.

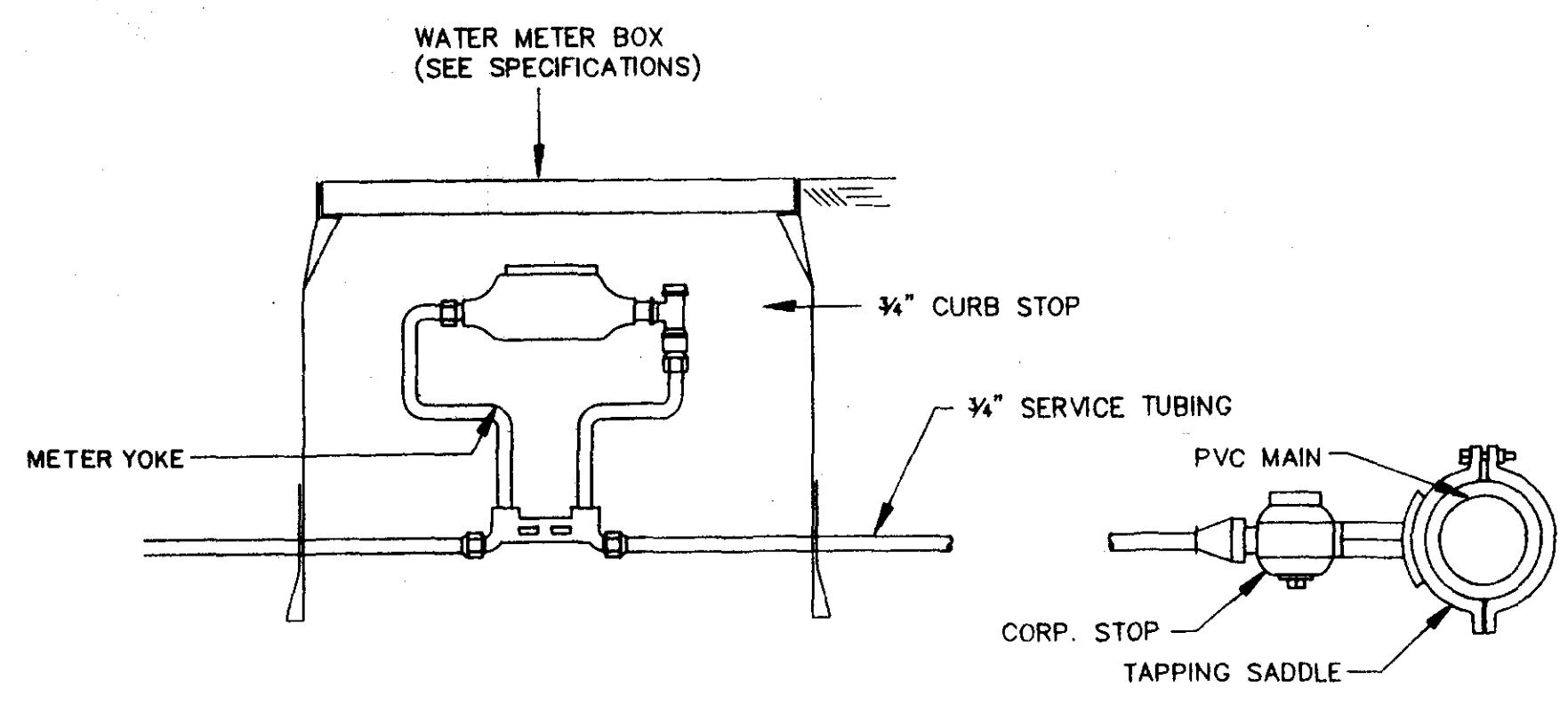
NOTE:  
ALL MATERIALS FOR CONSTRUCTION OF BLOW-OFF ASSEMBLY SHALL BE OF 2" GALVANIZED FITTINGS & PIPE. 2" GATE VALVE CONSTRUCTED OF BRASS.



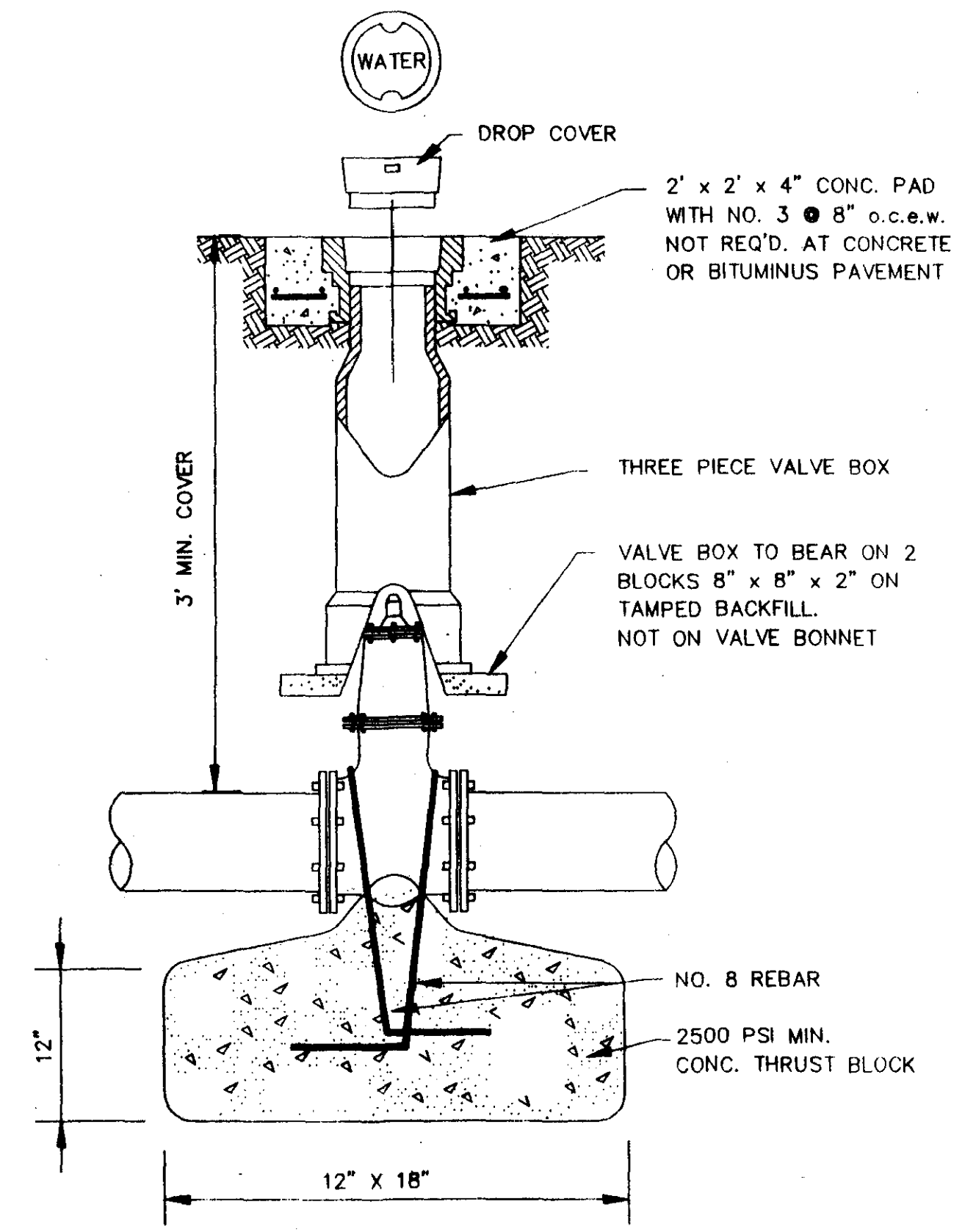
**TYPICAL BORE SECTION**  
N.T.S.



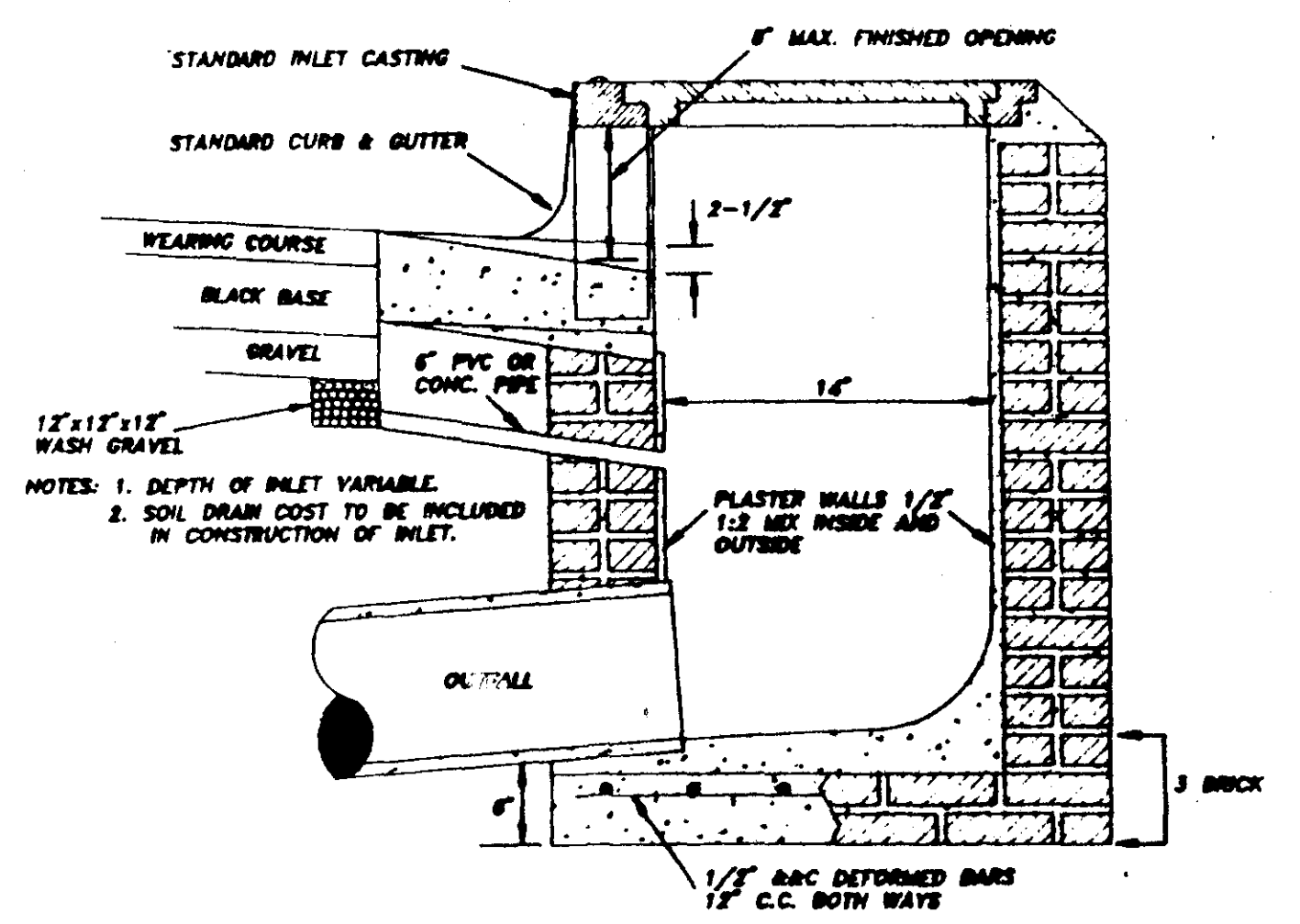
**BORE SECTION**  
N.T.S.



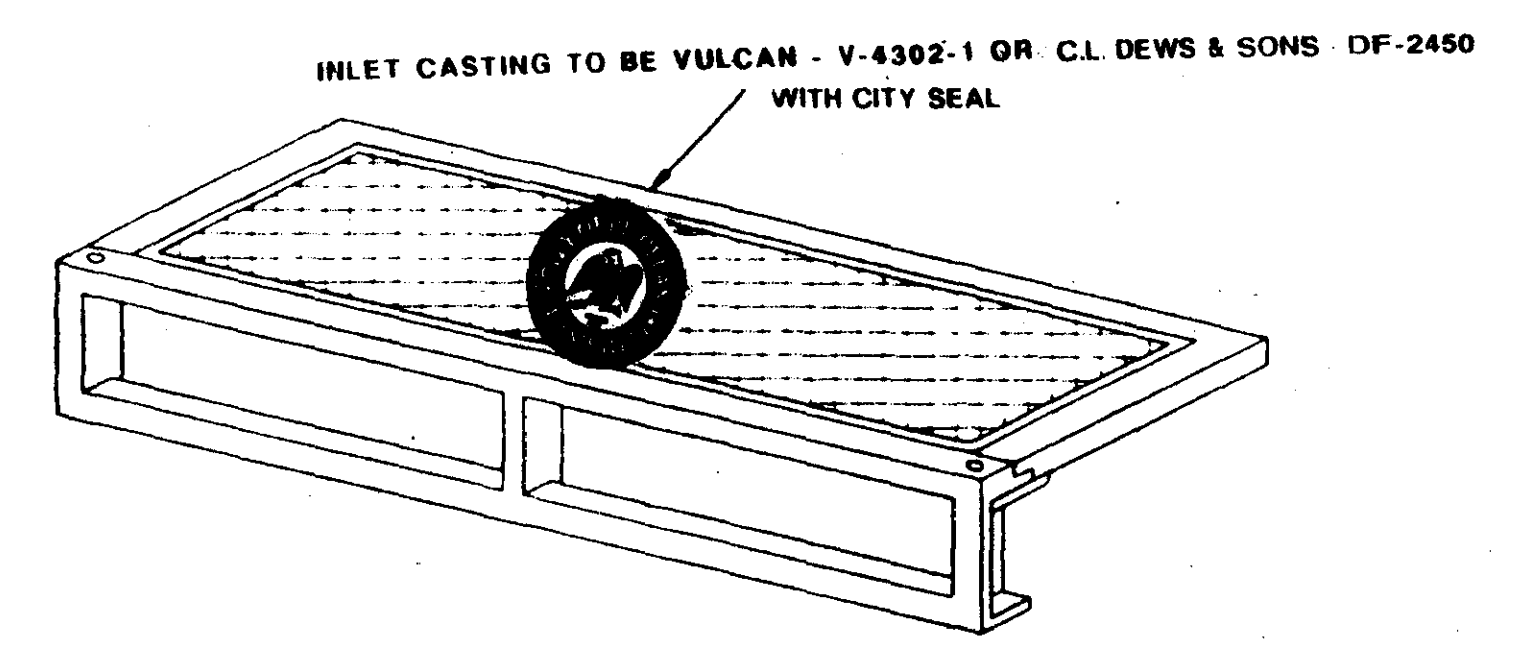
**TYPICAL 3/4" WATER SERVICE**  
N.T.S.



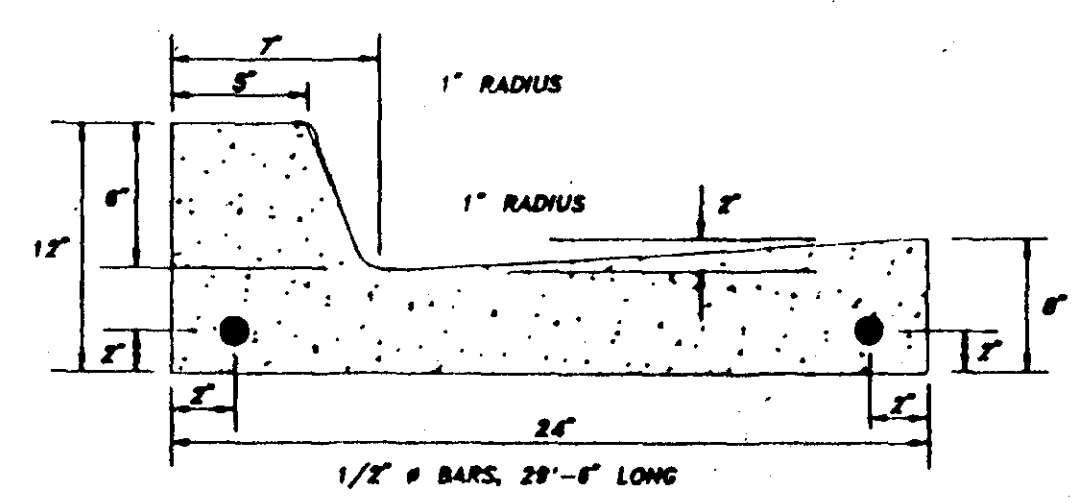
**GATE VALVE DETAIL**  
N.T.S.



**SECTION OF STANDARD CURB INLET**



**STANDARD CURB INLET CASTING**



NOTES: 1. ALL CURBS, GUTTERS & DRIVEWAYS TO BE CONSTRUCTED OF 5000 LB. CONCRETE.  
2. 2 - 3/4" DOWEL BARS, 15" LONG REQ'D. AT EXPANSION JOINTS. THEY SHALL BE HELD IN PLACE BY APPROVED CHAIRS OR SUPPORTS AND 1/2" EXPANSION MATERIALS.

**STANDARD CURB & GUTTER**

CITY OF RIDGELAND, MS.

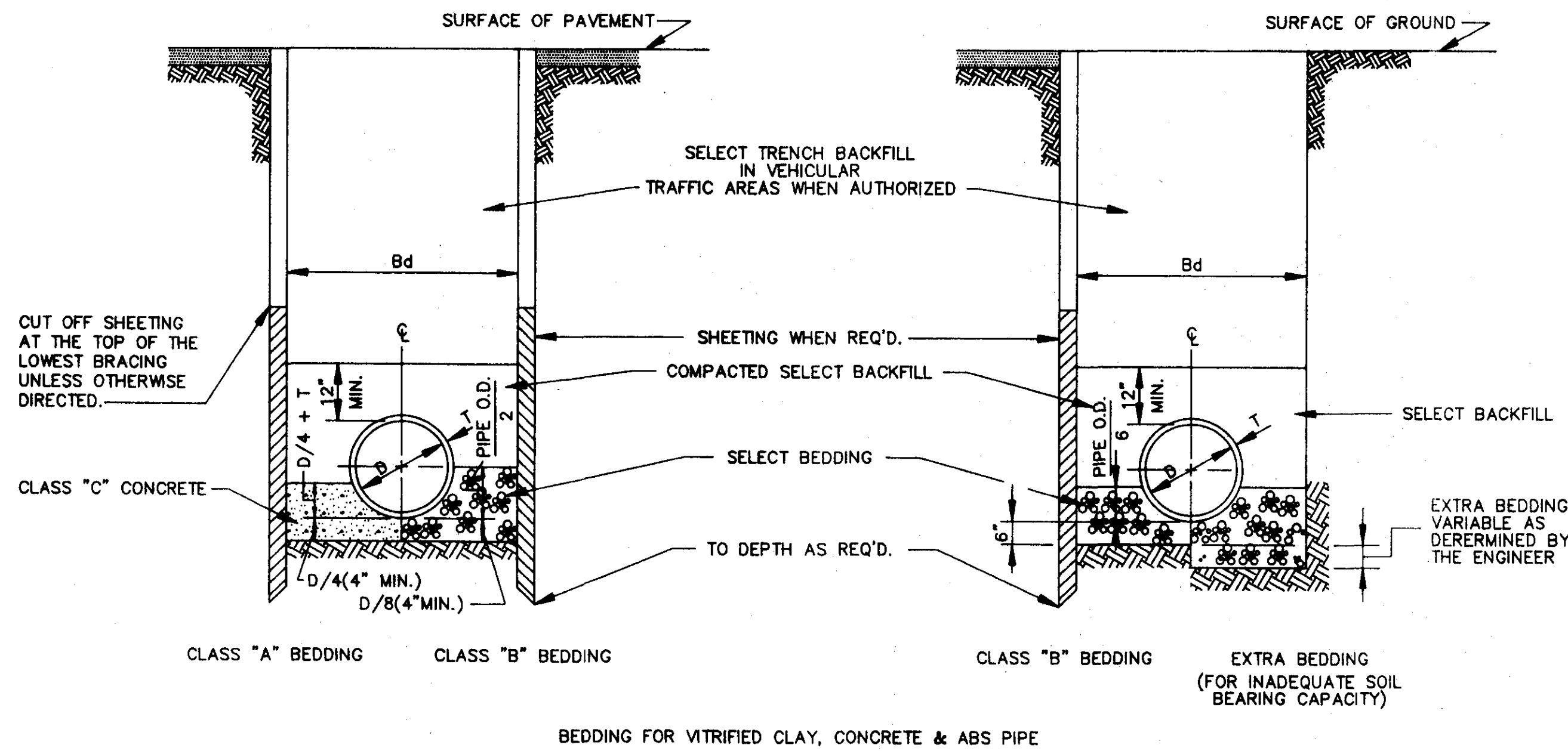
**STANDARD DETAILS**

**SHEET 2**

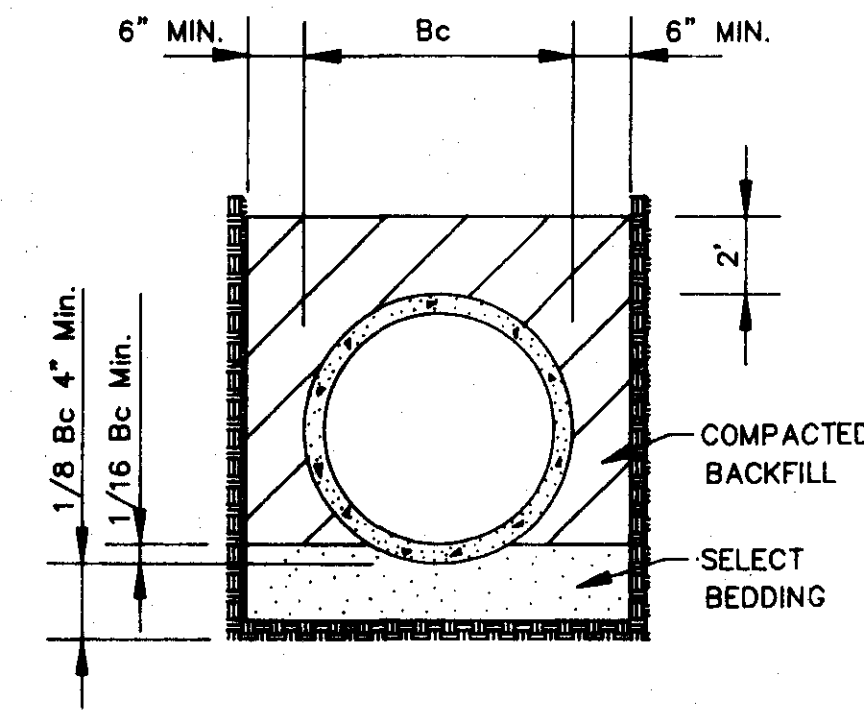
DSGN:		THE CITY OF	DRAWING NO.
DRWN:		RIDGELAND	
CHKD:			
SCALE:			

ENG 7716 FROM 13845





**TYPICAL TRENCH DETAILS (FORCE MAIN)**



GRANULAT BEDDING  
TYPE 3 LAYING CONDITION

**CLASS "A" BEDDING**

MATERIAL SHALL BE CLASS "C" CONCRETE CRADLES. THE PIPE SHALL BE LAID ON CONCRETE SADDLES CONSTRUCTED TO PROVIDE VERTICAL AND LATERAL SUPPORT FOR THE PIPE WHILE THE CRADLE IS BEING PLACED. PIPE SUPPORTS OF WOOD BLOCKS, LOOSE BRICK, ETC., WILL NOT BE PERMITTED. THE CRADLE SHALL BE POURED AFTER THE JOINTS HAVE BEEN MADE, CARE BEING TAKEN TO PREVENT MOVEMENT OF THE PIPE. WHENEVER THE CONTRACTOR PLACES CONCRETE OUTSIDE THE DIMENSIONS SHOWN ON THE DRAWINGS, THE COST OF SUCH CONCRETE WILL BE AT THE CONTRACTOR'S EXPENSE.

**CLASS "B" BEDDING**

MATERIAL SHALL BE SELECT BEDDING AS SPECIFIED. MATERIAL SHALL BE CAREFULLY PLACED AND THOROUGHLY COMPACTED BY TAMPING.

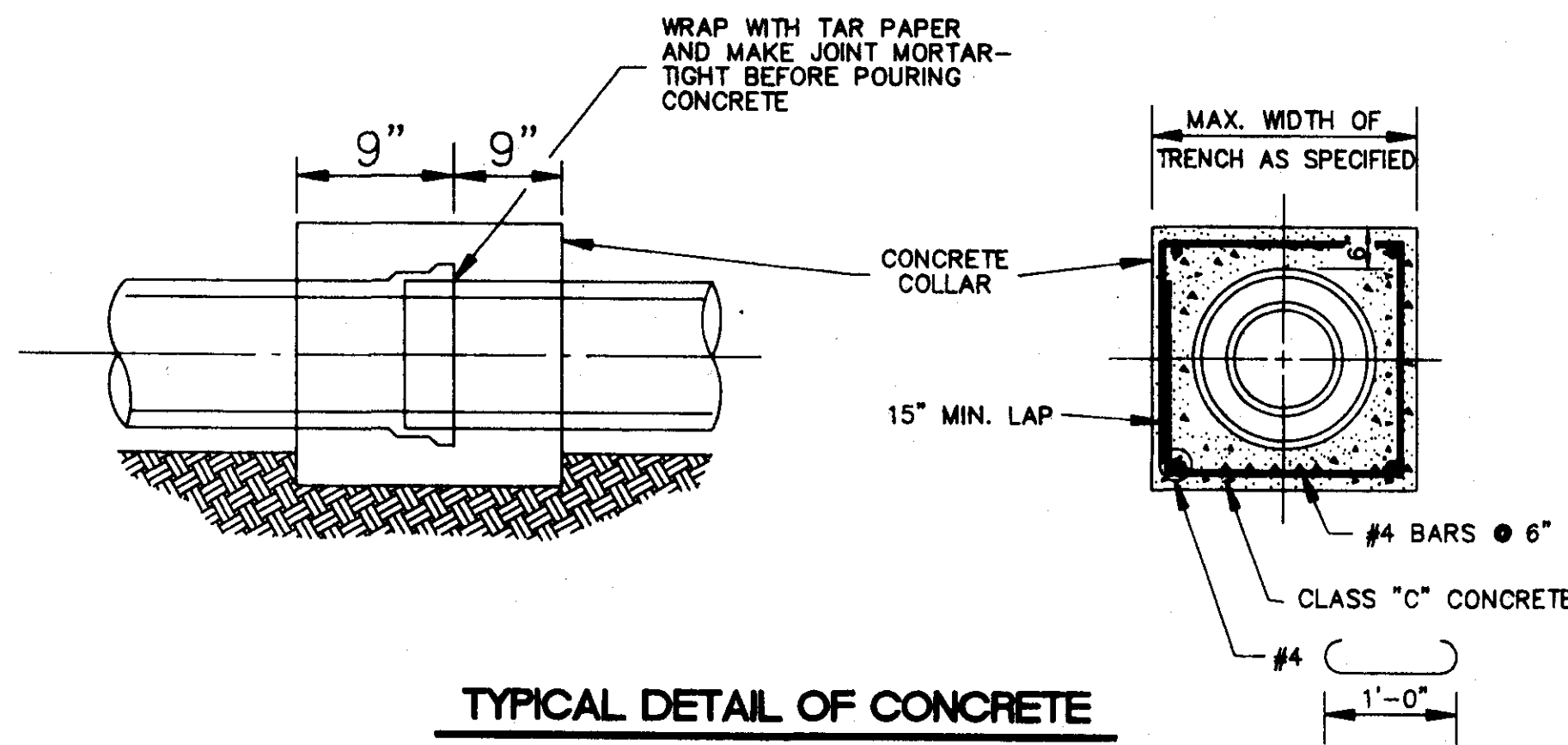
**CLASS "C" BEDDING (STANDARD BEDDING)**

MATERIAL SHALL BE THE SAME AS FOR CLASS "B" BEDDING AND SHALL BE PLACED AS SHOWN BY STANDARD DETAILS FOR THE TYPE OF PIPE USED.

BEDDING FOR VITRIFIED CLAY, CONCRETE & ABS PIPE

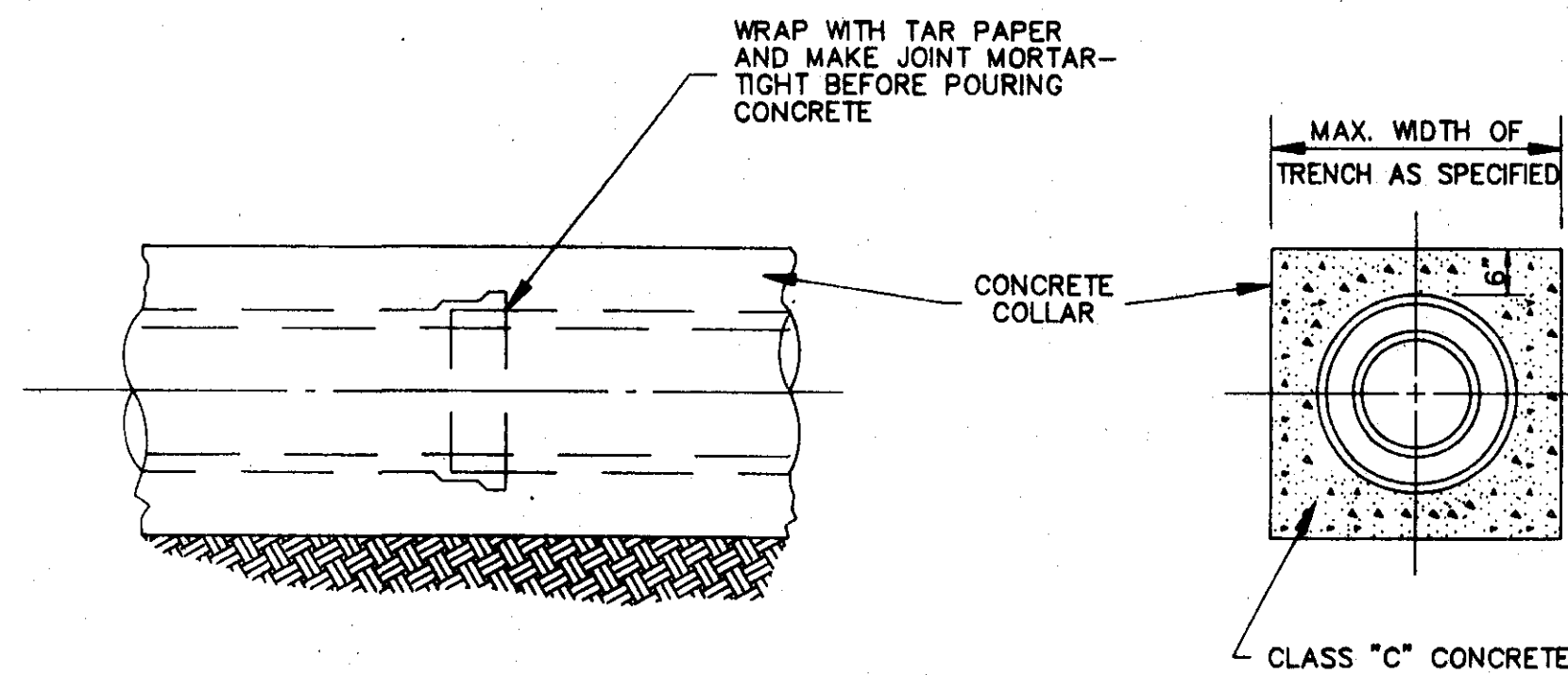
**TYPICAL TRENCH DETAILS**

N.T.S.



**TYPICAL DETAIL OF CONCRETE COLLAR**

N.T.S.



**TYPICAL DETAIL OF CONCRETE ENCASUREMENT**

N.T.S.

**TABLE "A"**  
PIPE SIZE

CARRIER PIPE (INCHES)	CASING PIPE	
	DIA. (INCHES)	STEEL PIPE WALL THICK
8	16	1/4"
10	20	5/16"
12	24	3/8"
14 & 16	30	1/2"
18	36	1/2"
24	36	1/2"
30	54	1/2"
36	54	1/2"
42	66	SEE TABLE "B"
48	72	-
54	78	-
60	84	-
66	96	-
72	108	-
84	120	-
96	144	-

DUCTILE IRON

R.C.P.

SPIRAL WELDED STEEL

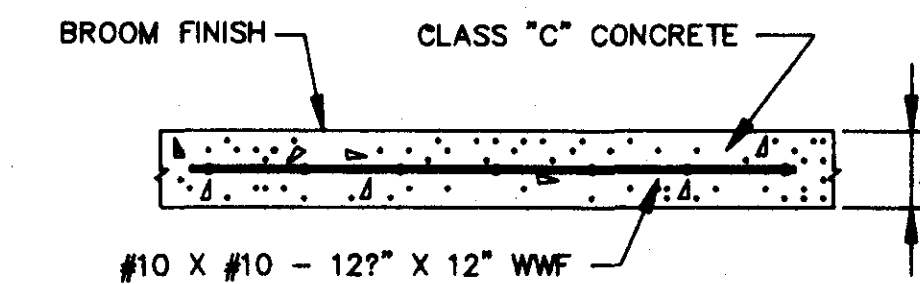
**TABLE "B"**  
GAGES OF LINER PLATE FOR CONTINUOUS LOAD-CARRYING STRUCTURES

NOMINAL DIA. (INCHES)	HEIGHT OF COVER (FEET)									
	2-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50
48	12	12	12	12	12	12	12	12	10	10
54	12	12	12	12	12	12	12	10	8	8
60	12	12	12	12	12	12	12	8	7	7
66	12	12	12	12	12	10	8	8	5	5
72	12	12	12	12	12	10	8	7	5	5
78	12	12	12	12	10	8	7	5	5	5
84	12	12	12	10	10	8	5	5	5	5
96	12	10	10	10	10	8	5	5	5	5
108	10	10	10	10	8	7	5	5	5	5
120	10	10	10	8	8	7	5	5	5	3
144	8	8	8	8	5	5	3	1	1	1

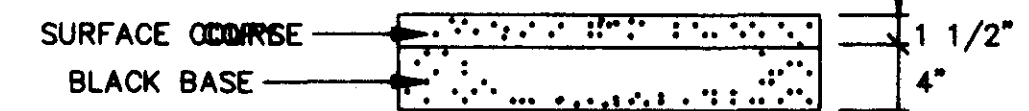
MIN. THICKNESS FOR LINER PLATE CASING IN RAILROAD CROSSING-10 GAGE

**CASING PIPE**

SIZE AND THICKNESS OF PIPE FOR RAILROAD & HIGHWAY CROSSING



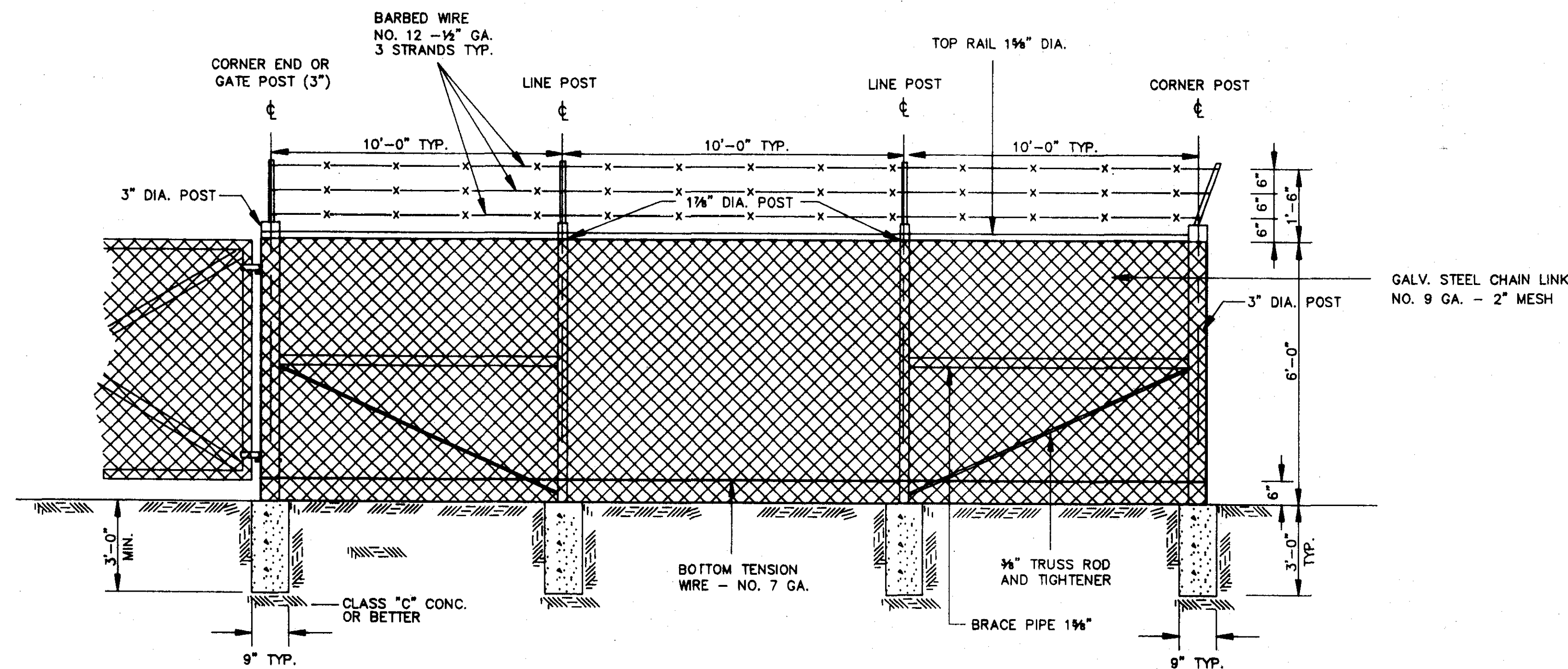
**TYPICAL CONC. DRIVEWAY AND SIDEWALK REPAIR**



**TYPICAL ASPHALT DRIVEWAY REPAIR**



**TYPICAL GRAVEL DRIVEWAY REPAIR**



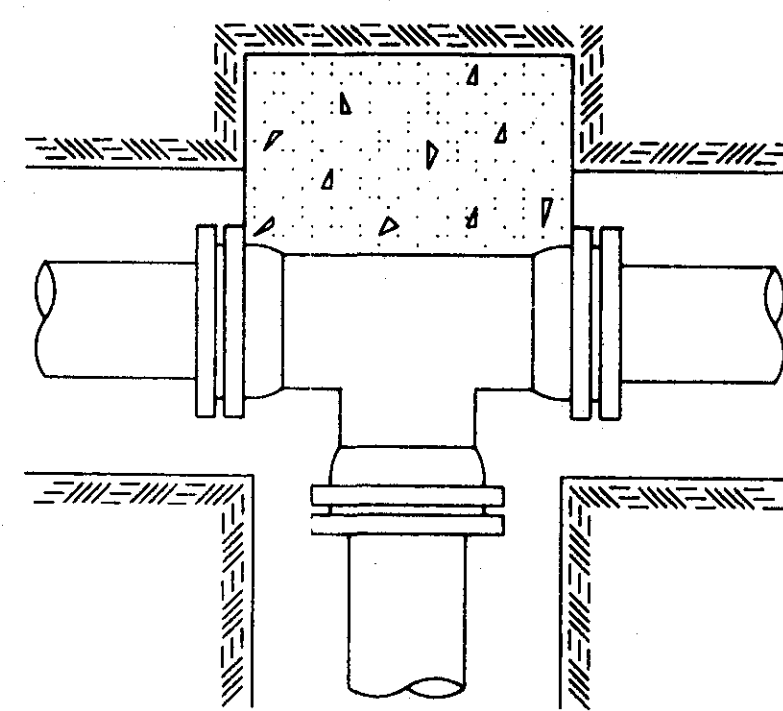
**CHAIN LINK FENCE DETAIL**

N.T.S.

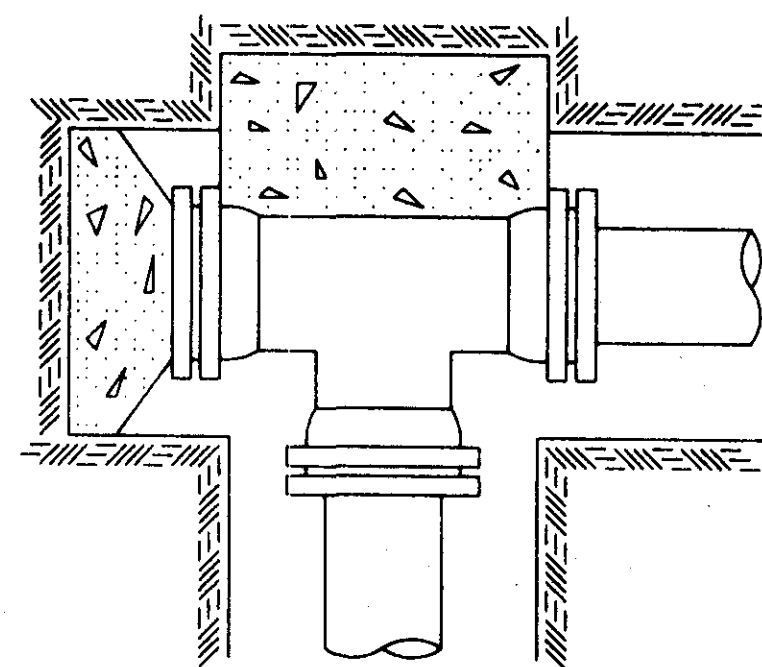
**CITY OF RIDGELAND, MS.**  
**STANDARD DETAILS**

DESIGN:			DRAWING NO.
DRAWN:			
CHECKED:			
SCALE:			

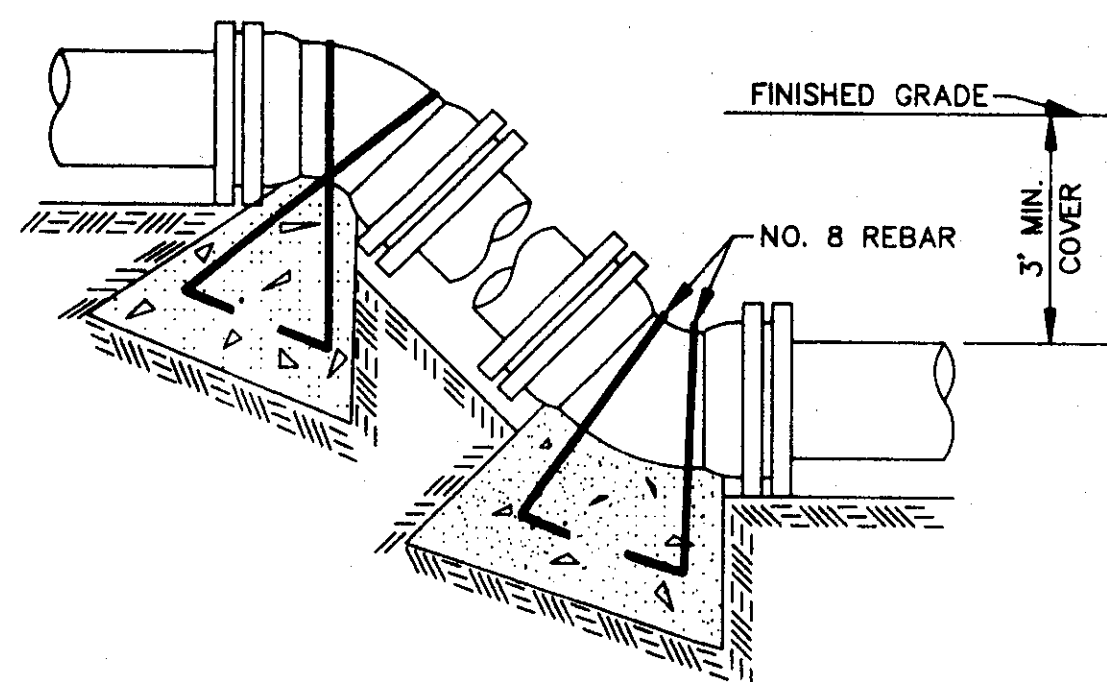




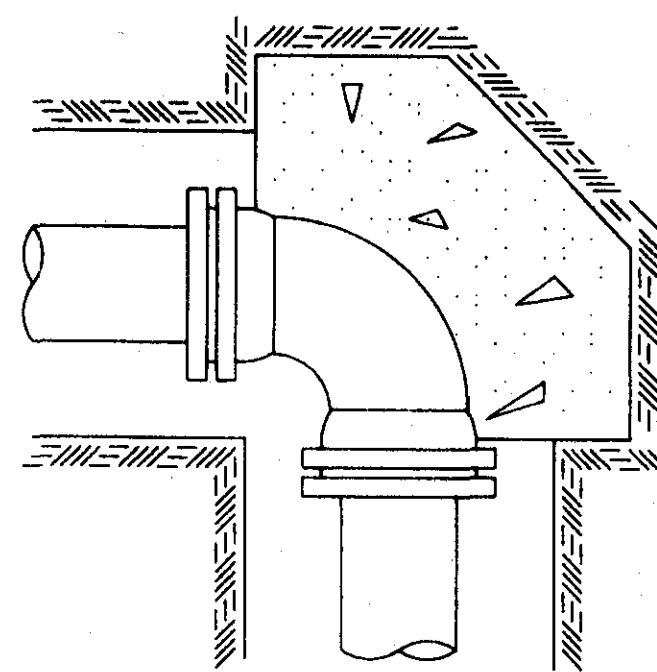
TEE



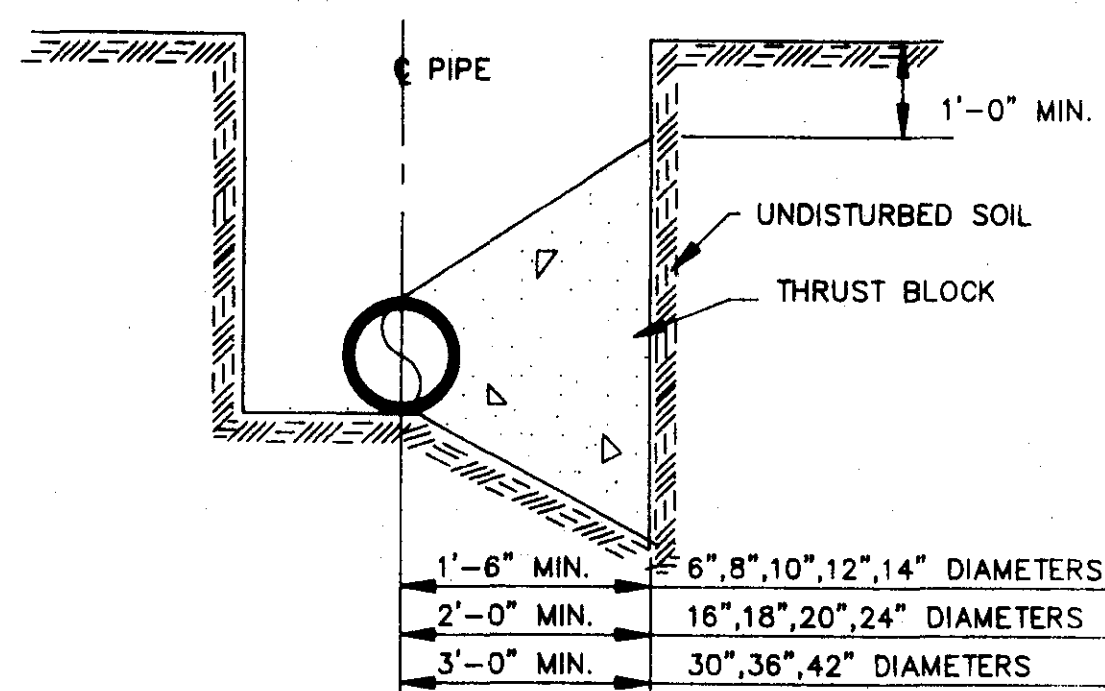
PLUGGED TEE



VERTICAL BENDS



90° BEND



TYPICAL CROSS SECTION

**TYPICAL THRUST BLOCKING IN WATER MAINS AND SEWAGE FORCE MAINS**

N.T.S.  
NOTE: ALL THRUST BLOCKS 2,500 PSI CONCRETE AGAINST UNDISTURBED EARTH

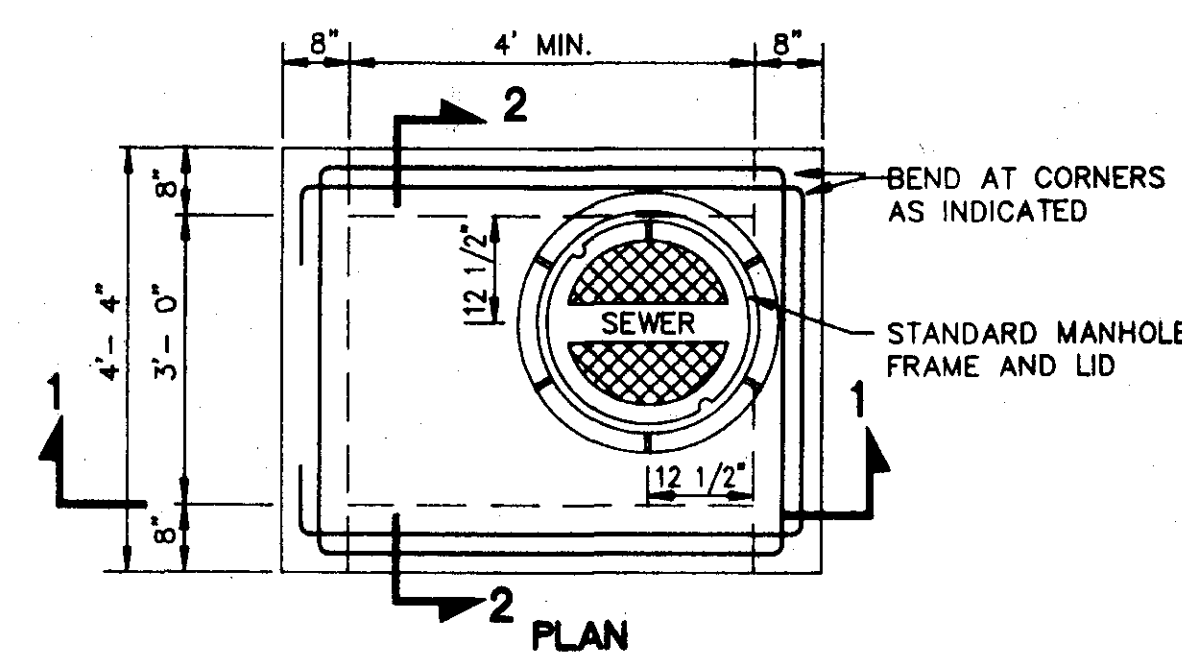
**BEARING AREA IN SQ. FT.**

NOMINAL PIPE DIAMETER (IN)	VERTICAL BENDS					NOMINAL PIPE DIAMETER (IN)	VERTICAL BENDS				
	DEAD-END OR TEE	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND		DEAD-END OR TEE	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
6	2.5	3.0	2.0	2.0	2.0	6	—	—	26.0(1.0)	14.0(3)	7.0(3)
8	4.0	6.0	3.0	2.0	2.0	8	—	—	45.0(1.7)	25.0(9)	13.0(5)
10	6.0	9.0	5.0	2.5	2.0	10	—	—	68.0(2.5)	37.0(1.4)	19.0(7)
12	9.0	11.0	6.0	3.5	2.0	12	—	—	97.0(3.6)	52.0(1.9)	27.0(1.0)
14	12.0	18.0	9.0	5.0	2.5	14	—	—	130(4.8)	70.0(2.6)	36.0(1.3)
16	16.0	22.5	12.0	6.0	3.0	16	—	—	168(6.2)	91.0(3.4)	46.0(1.7)
18	20.0	28.0	15.0	8.0	4.0	18	—	—	211(7.8)	114(4.2)	58.0(2.2)
20	24.5	34.0	19.0	10.0	5.0	20	—	—	259(9.6)	140(5.2)	72.0(2.6)
24	35.0	49.0	27.0	14.0	7.0	24	—	—	370(13.7)	200(7.4)	102(3.8)
30	54.0	76.0	41.0	21.0	10.0	30	—	—	568(21.1)	308(11.4)	156(5.8)
36	77.0	108.0	59.0	30.0	15.0	36	—	—	814(30.1)	440(16.3)	225(8.3)
42	104.0	146.0	79.0	40.0	20.0	42	—	—	1100(40.7)	595(22.0)	303(11.2)

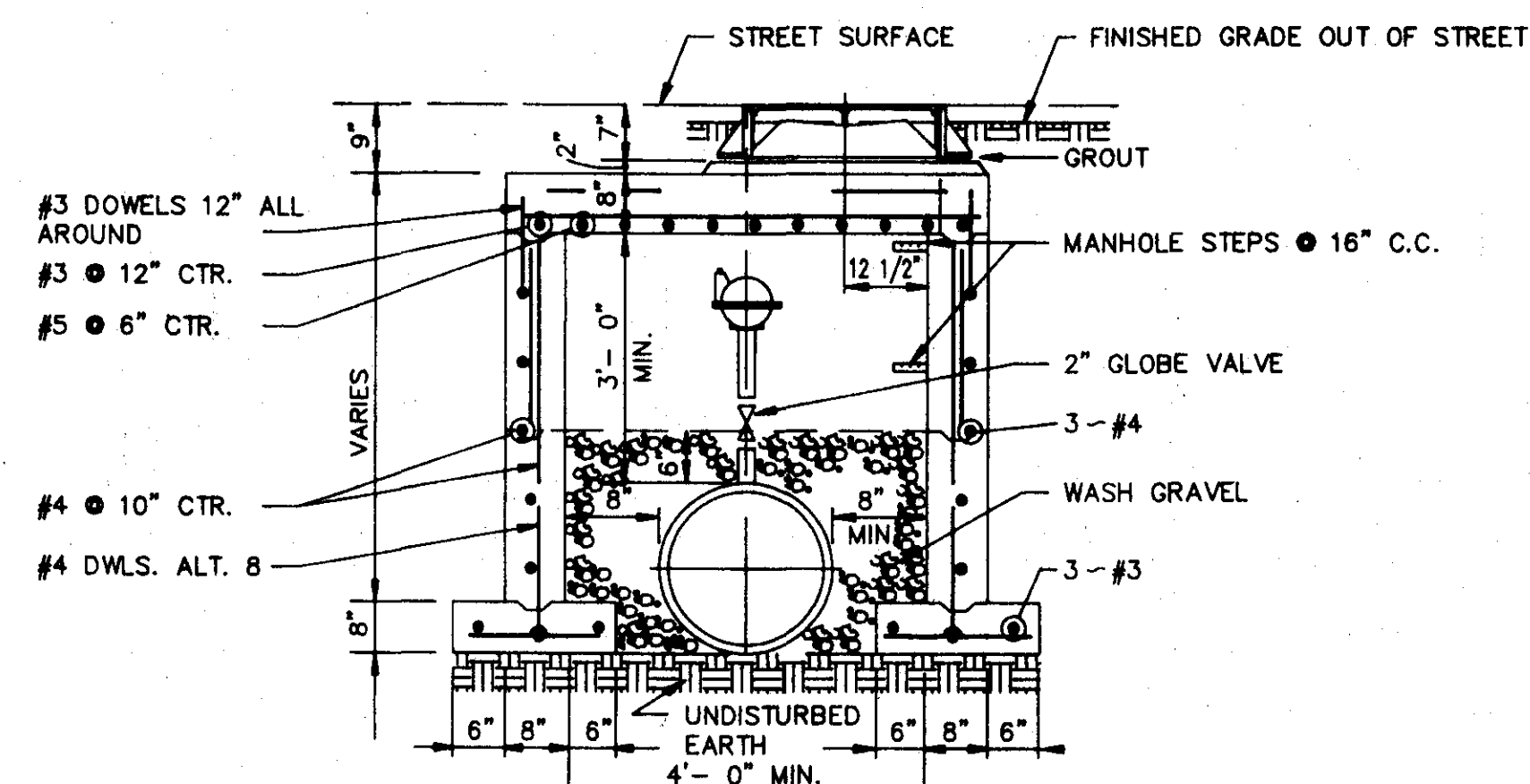
VOLUME OF BLOCKS INCLUDING SOIL LOAD CU. FT. (CU. YDS.)

NOTE:  
ABOVE VALUES CALCULATED USING P=100 AND ALLOWANCE  
SOIL BRG. = 1500 PSF. FOR DIFFERENT P, MULTIPLY ABOVE  
VALUES BY P/100.  
FOR DIFFERENT SOIL BRG, MULTIPLY ABOVE VALUES BY 1500/S.B.

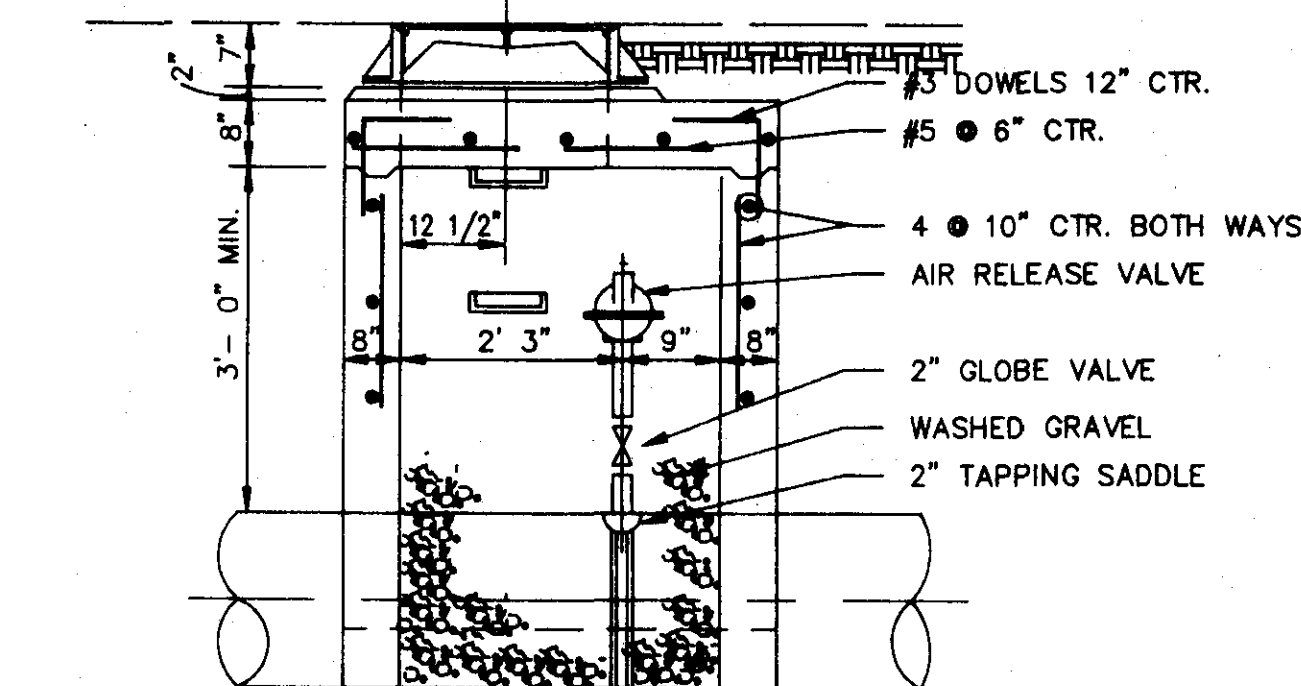
NOTE:  
ABOVE VALUES REPRESENT THE VOLUME OF BLOCKS INCLUDING  
SOIL LOAD IN CU.FT. (CU.YDS.) THE VALUES WERE CALCULATED  
USING A P=100 PSI AND A S.F.=1.5. FOR DIFFERENT P, MULTIPLY  
VALUES BY P/100.



PLAN



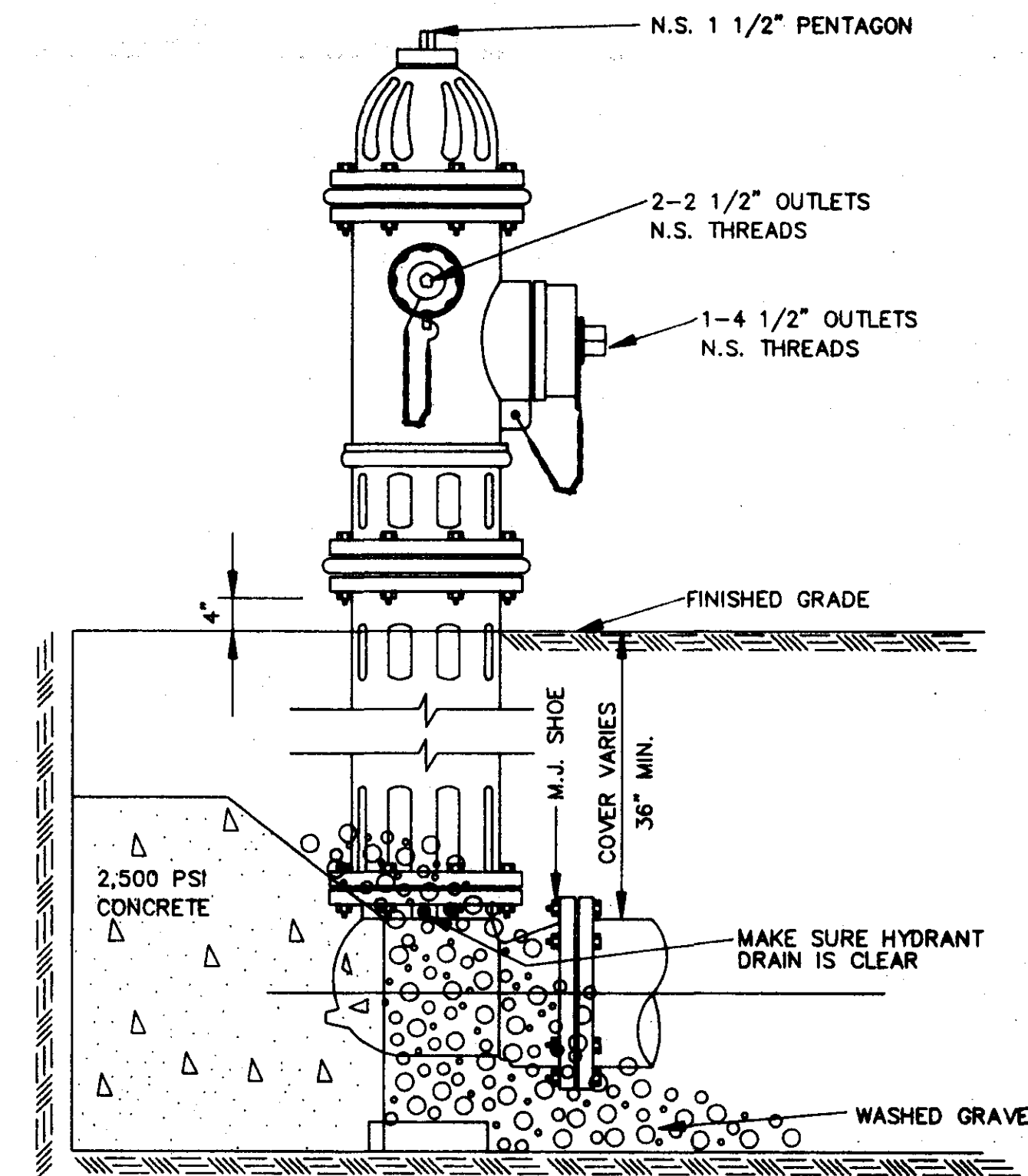
SECTION 1-1



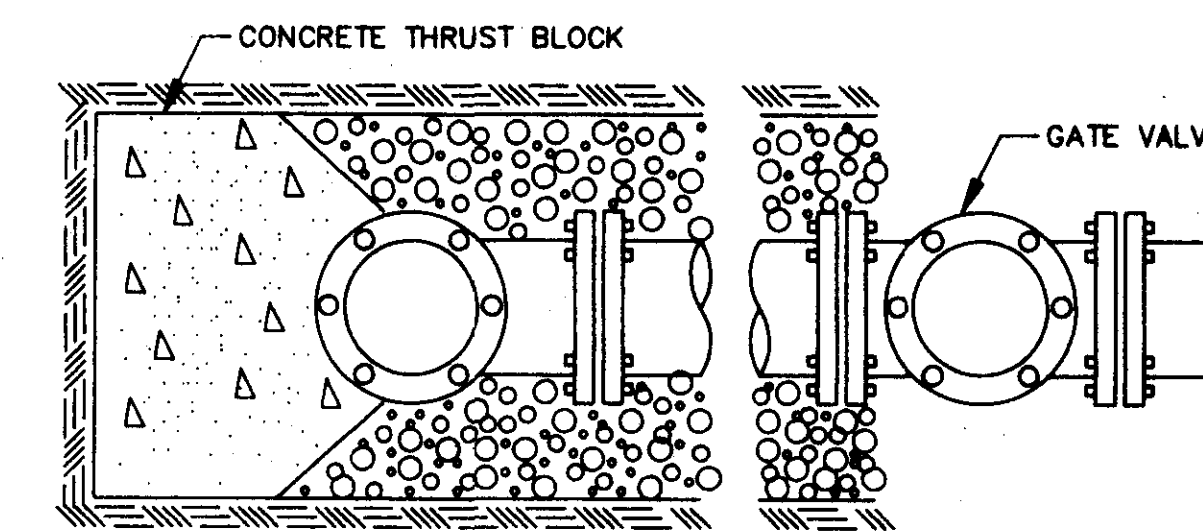
SECTION 2-2

**TYPICAL AIR OR AIR VACCUUM RELEASE VALVE INSTALLATION WITH MANHOLE**

NOT TO SCALE



ELEVATION

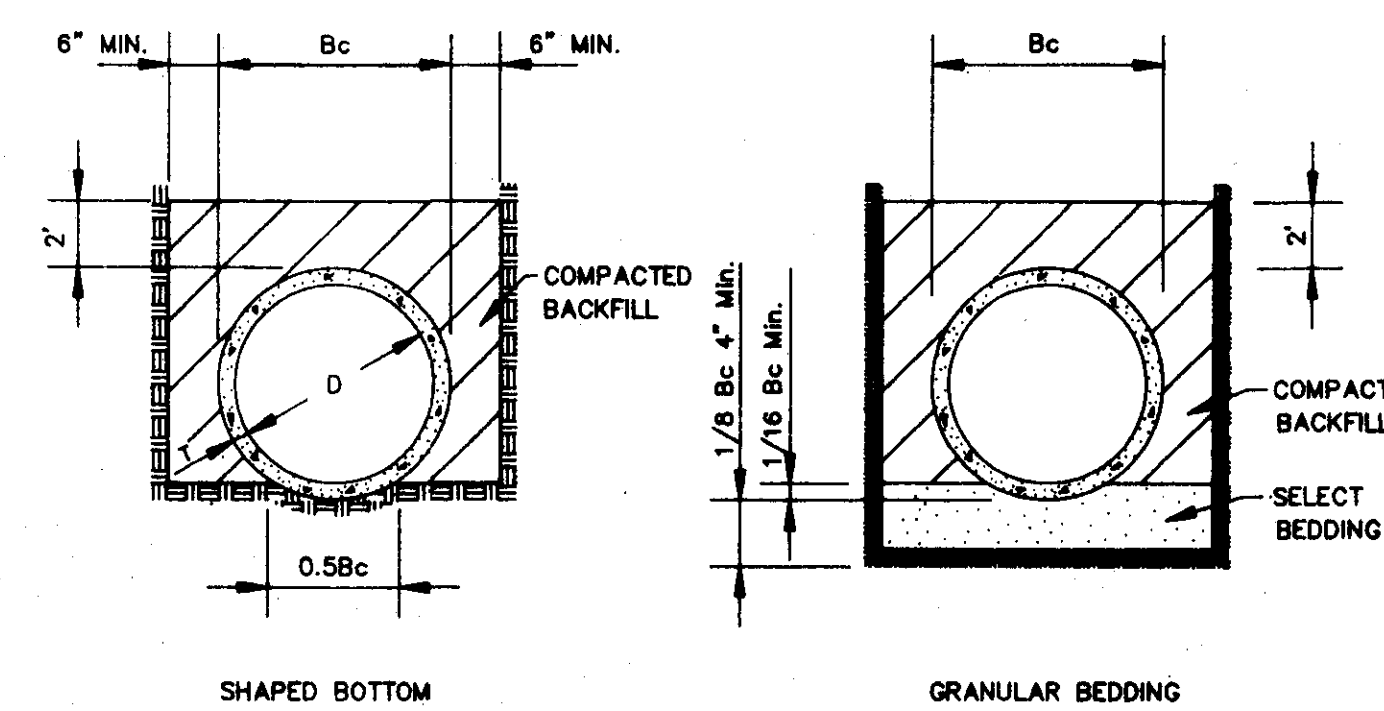


PLAN

**TYPICAL FIRE HYDRANT INSTALLATION**

NOTE: GATE VALVES WILL BE REQUIRED ON ALL FIRE HYDRANT LEGS.  
N.T.S.

ANCHOR COUPLINGS REQ'D.



SHAPED BOTTOM

GRANULAR BEDDING

CLASS C

**TYPICAL TRENCH DETAILS**

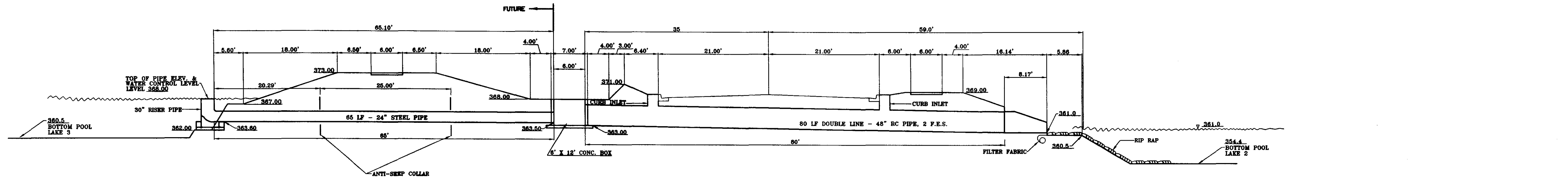
N.T.S.

CITY OF RIDGELAND, MS.

**STANDARD DETAILS**

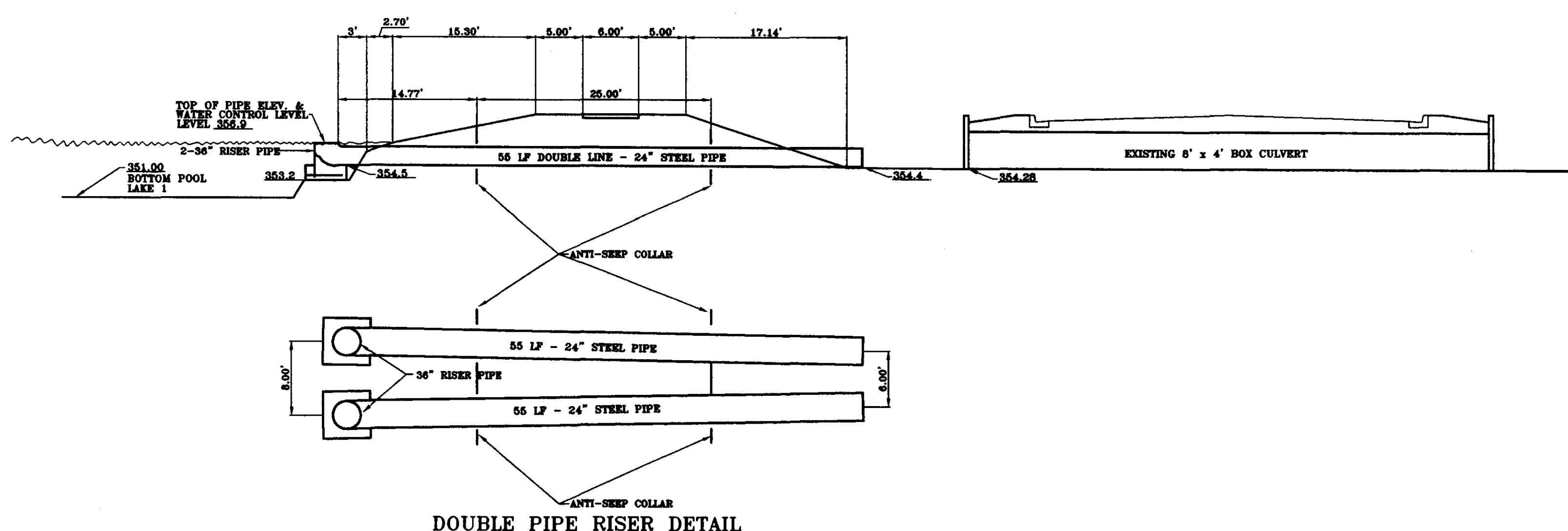
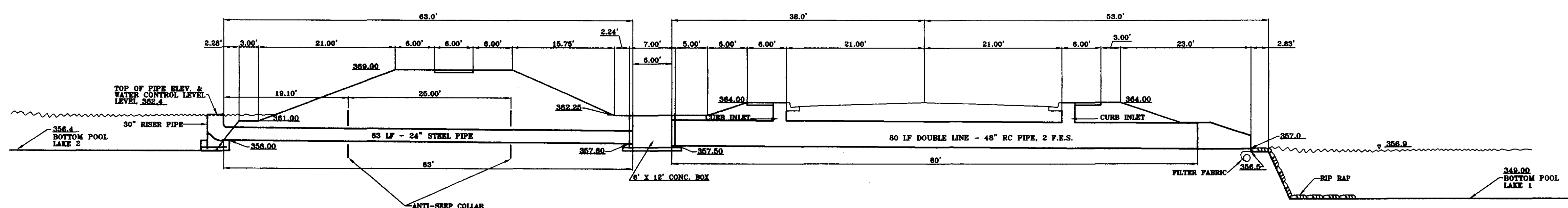
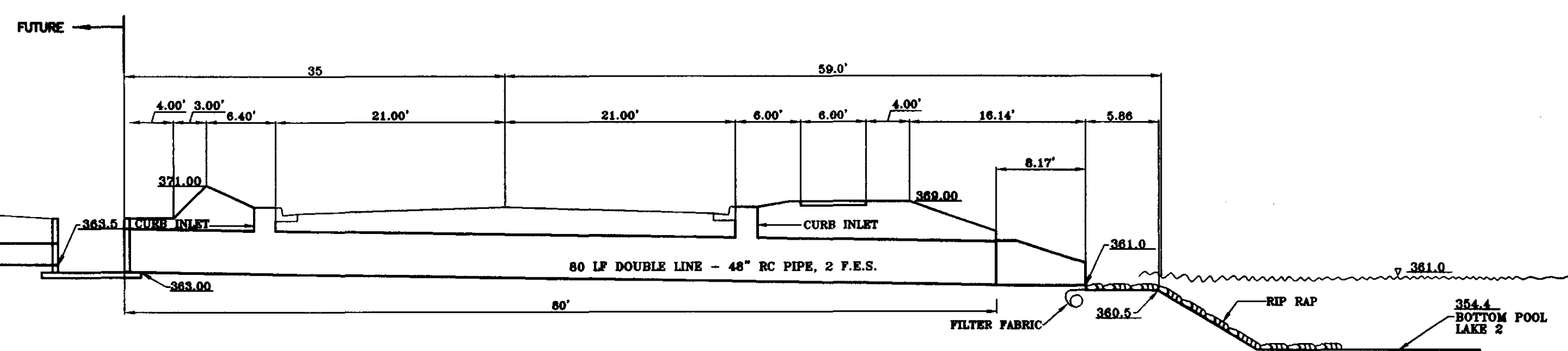
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DRWN:			
SCALE:			



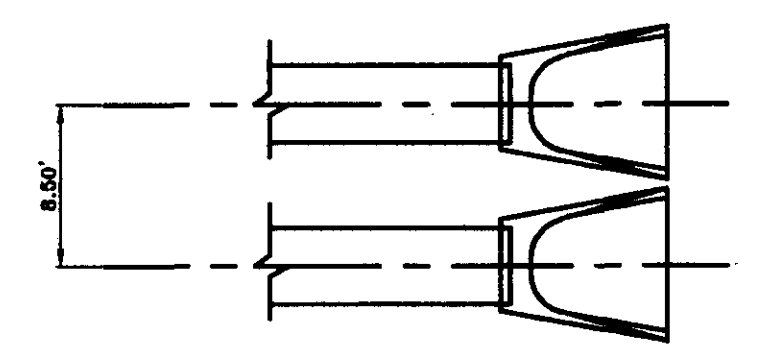


TOP OF PIPE ELEV. & WATER CONTROL LEVEL 370.00  
 30" RISER PIPE  
 DRILL 20-1" HOLES EQUALLY SPACED AROUND PERIMETER OF RISER PER ROW. 6 ROWS APART REQ'D TOP ROW AT ELEV. 369.00  
 COURSE AGGREGATE 10' x 10' x 3' DEPTH CENTER ON RISER  
 NOTE:  
 TYPICAL ANTI-VORTEX & TRASH RACK REQ'D.  
 DRAWDOWN GATE ASSEMBLY IS NOT REQ'D

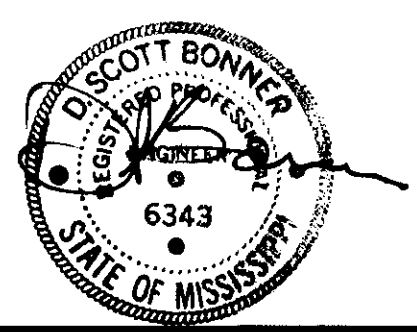
**WOODLAND SEDIMENT BASIN DETAIL**  
**FUTURE**



**DOUBLE PIPE RISER DETAIL**



**DOUBLE PIPE DETAIL**



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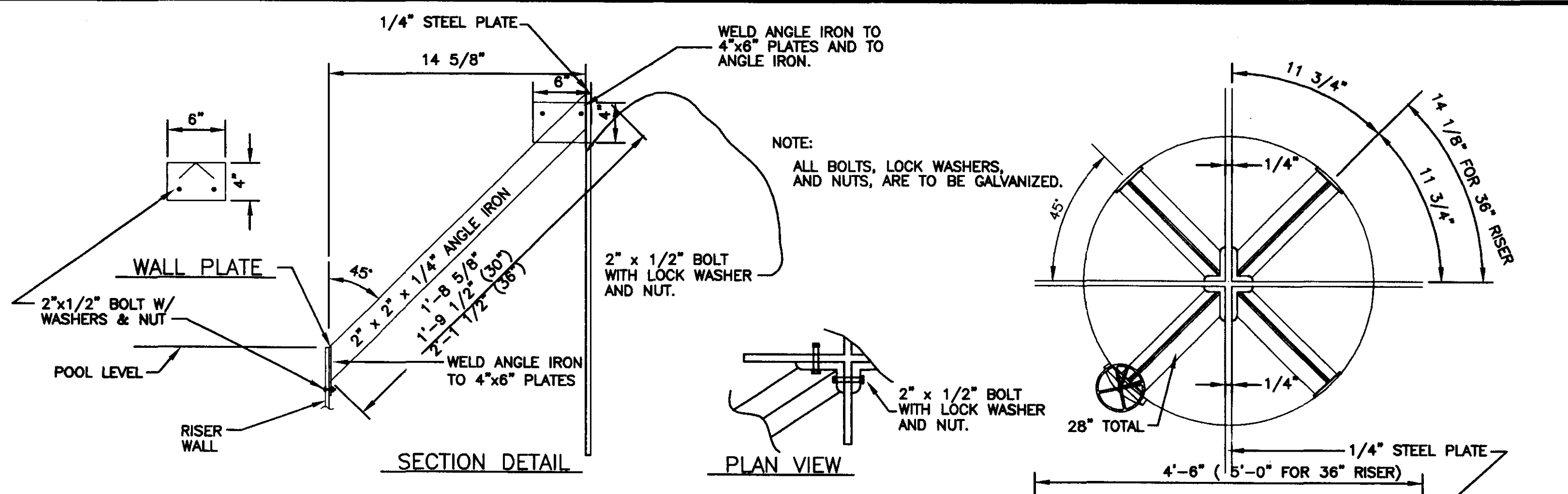
**PARCEL 2 ACCESS ROAD, CONTRACT 2**  
**VENTURE PROPERTIES**

REVISIONS		
NO.	DATE	BY
1	06-28-99	A.U.J.
2		
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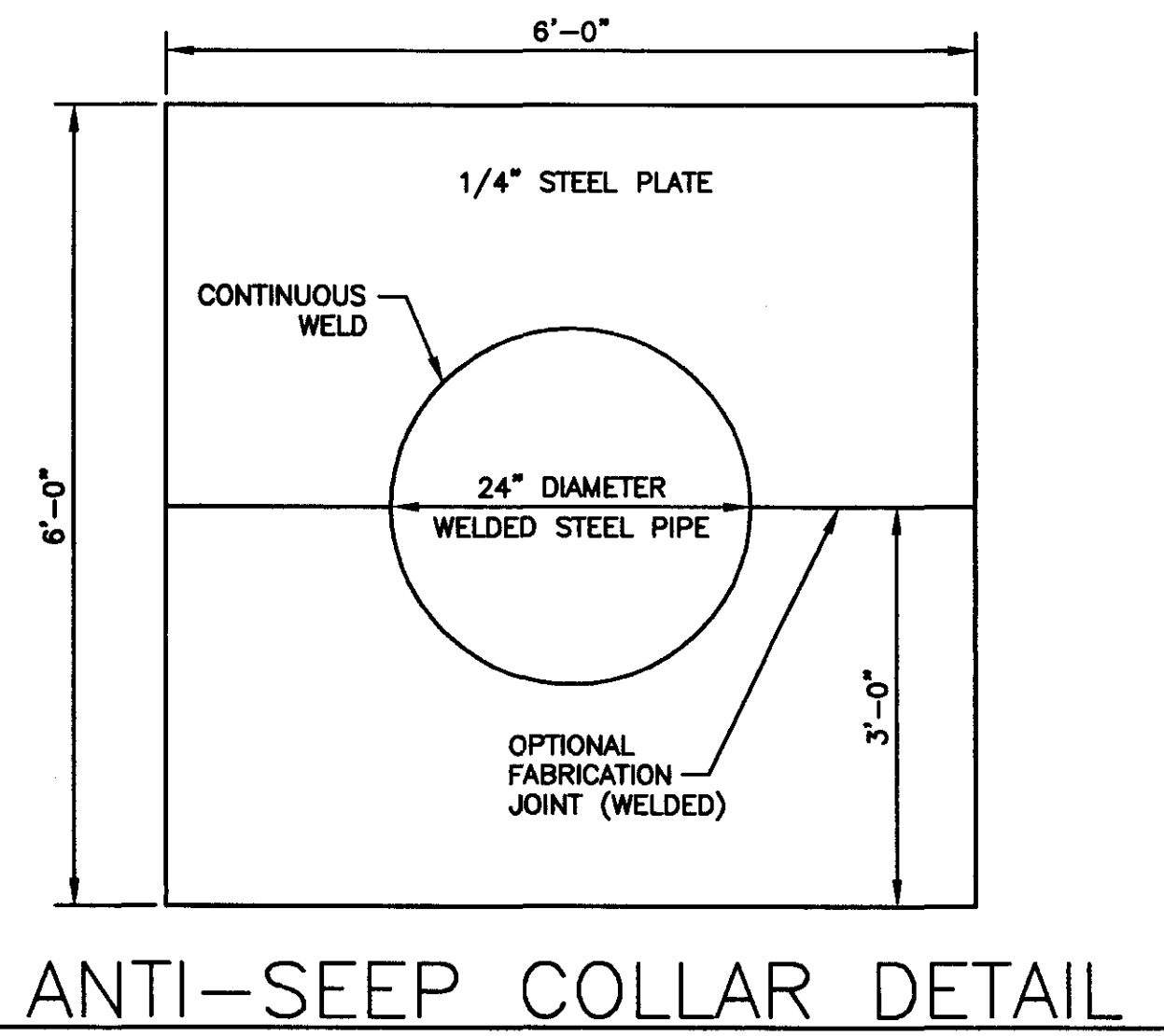
SCALE 1" = 10'  
 DATE 04/23/99  
 APPROVED BY D.S.B.  
 DRAWN BY A.U.J.  
 CHECKED BY D.S.B.  
 TRACED BY

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
**ROAD AND LAKES DRAINAGE SECTION**  
 FILE NAME D:\DAMDTLB.DWG SHEET NO. **25**





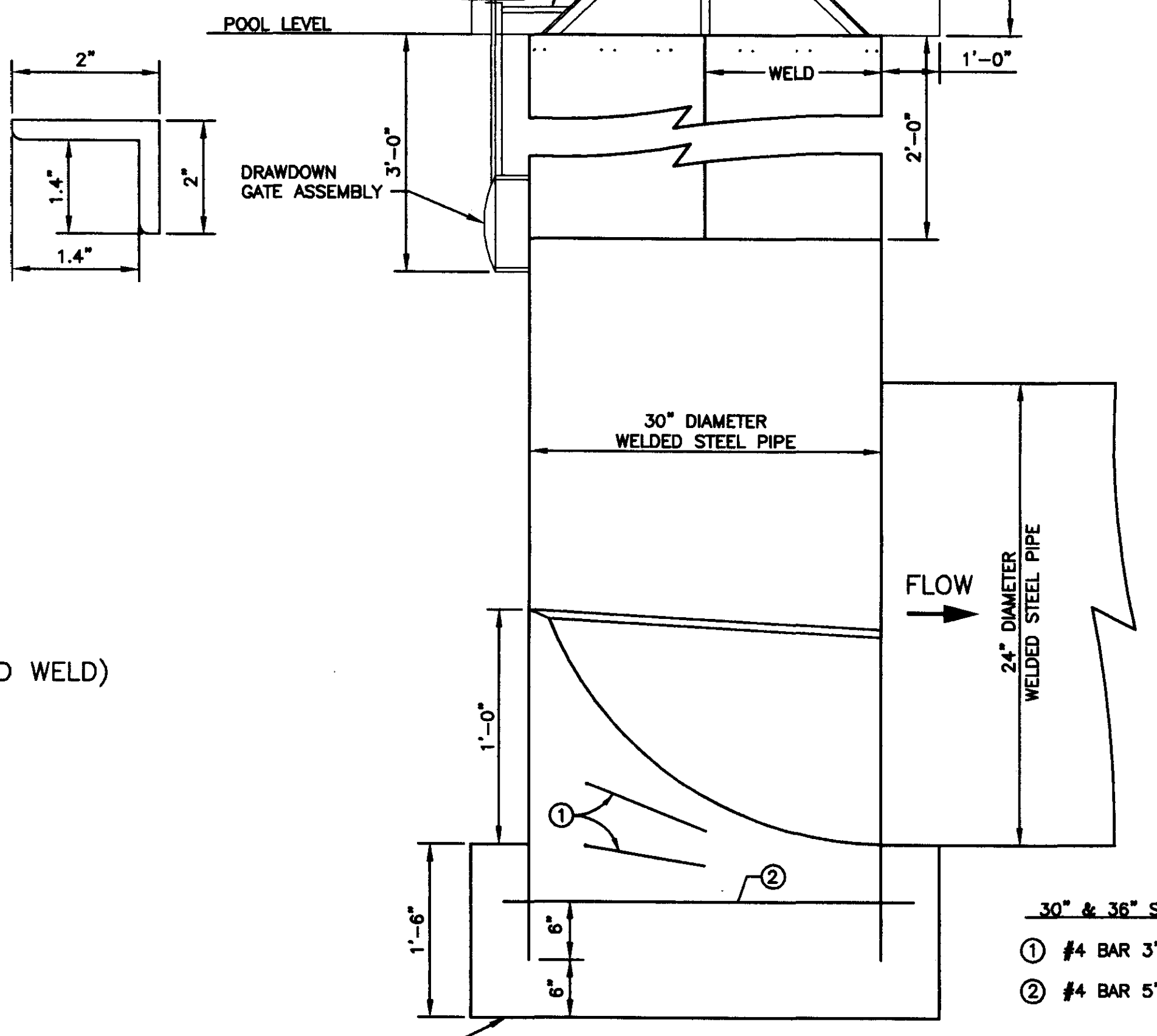
TRASH RACK DETAILS



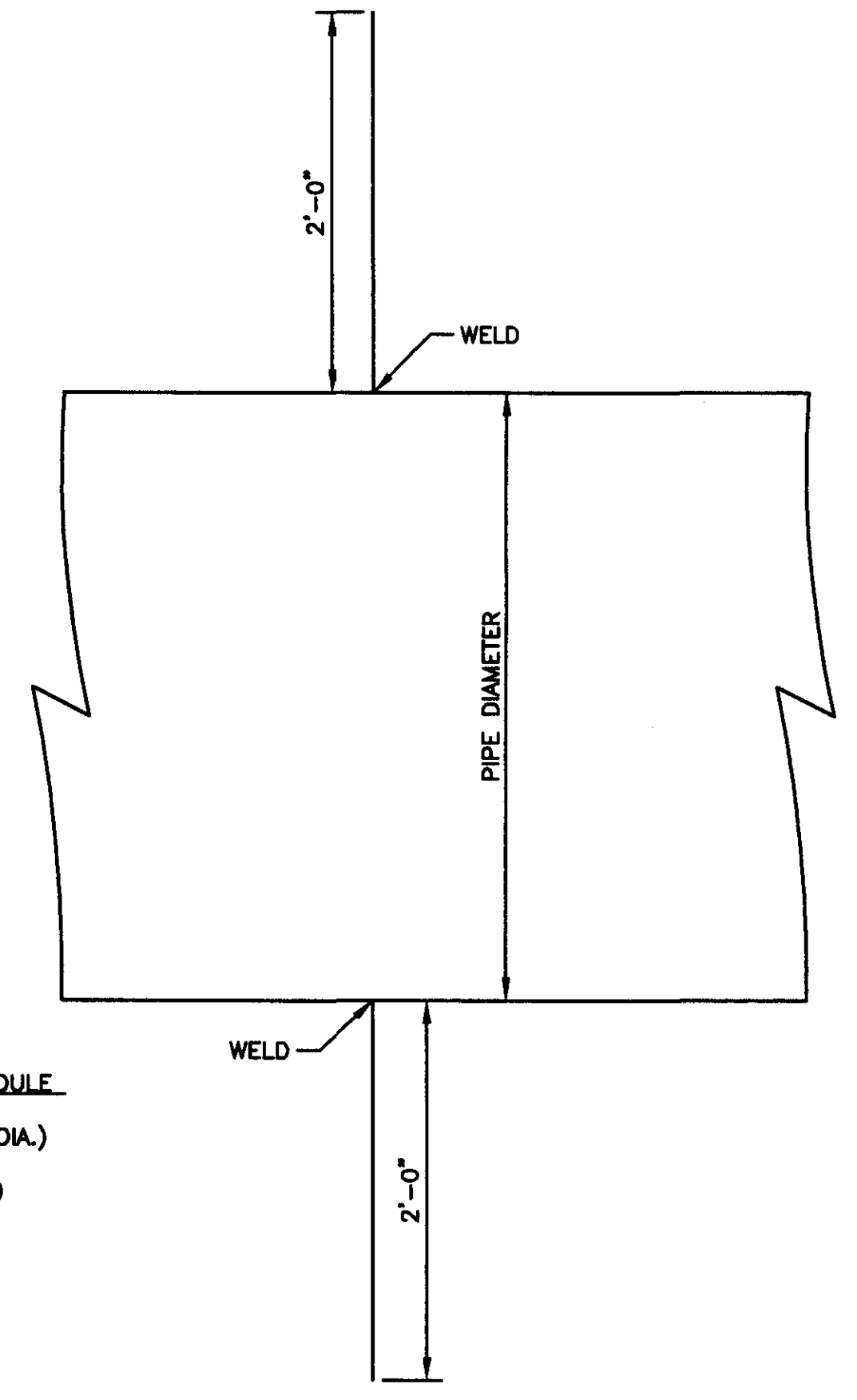
ANTI-SEEP COLLAR DETAIL

DRAWDOWN GATE

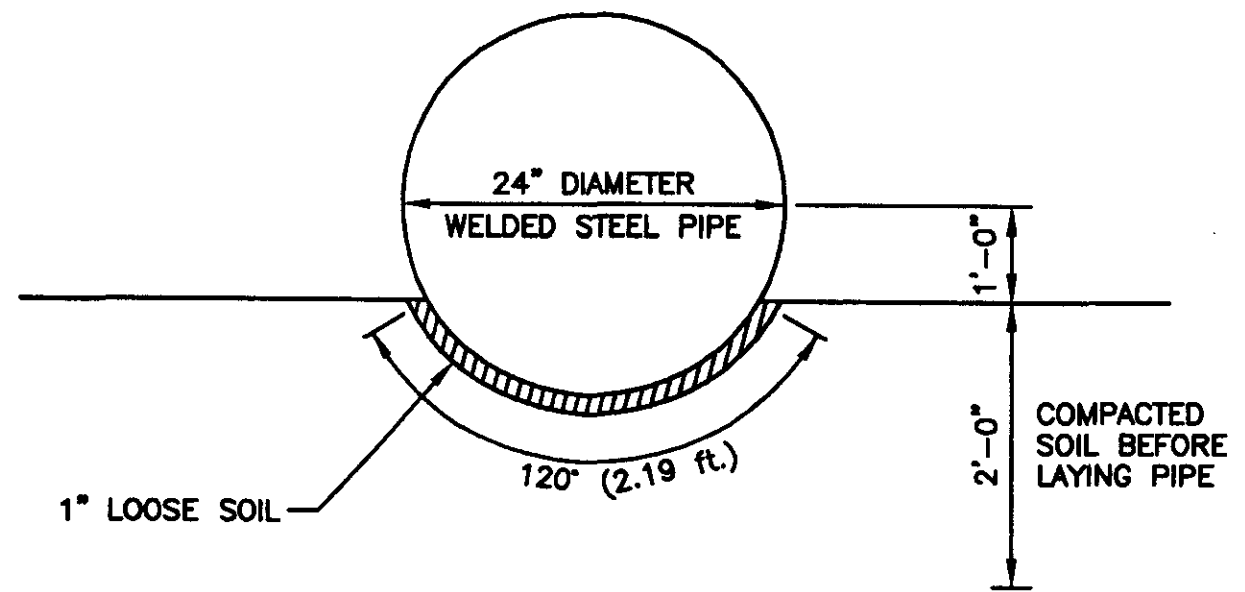
1. GATE SHALL BE WATERMAN C-20
2. GATE SIZE IS 12"
3. GATE ADAPTOR SHALL BE 125 lb. ANSI STD. FLATBACK FLANGE.
4. STEM HEIGHT SHALL BE 3 FEET. (FABRICATE BRACE FOR HEAD RAIL - FIELD WELD)
5. PROVIDE WATER TIGHT SEAL FOR RISER TO GATE ADAPTER CONNECTION.



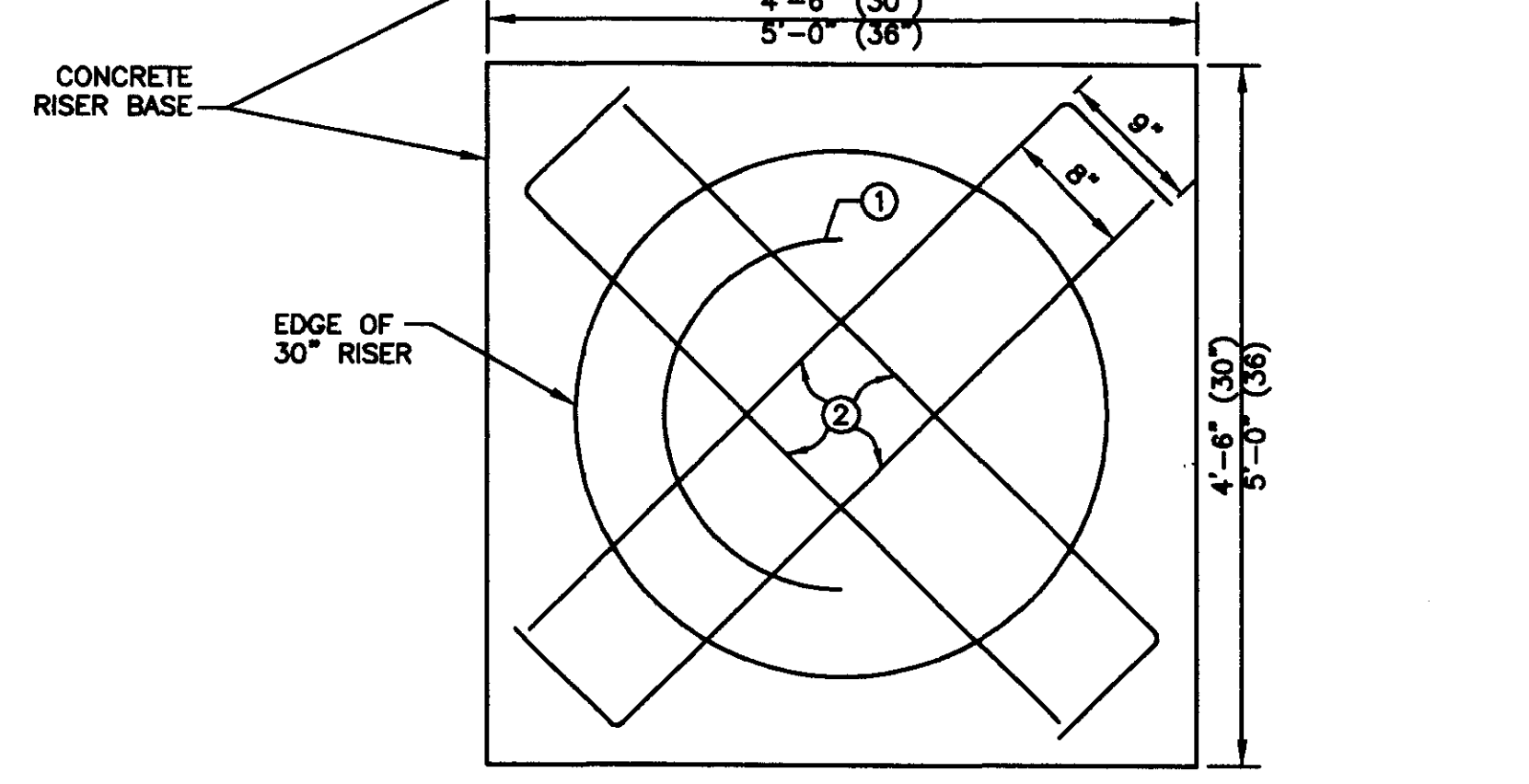
30" & 36" STEEL RISER SCHEDULE  
 ① #4 BAR 3'-6" CURVED (2' DIA.)  
 ② #4 BAR 5'-9" (5'-0" + 9")



ANTI-SEEP COLLAR



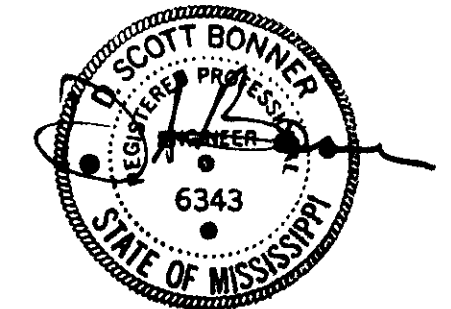
PIPE BEDDING DETAIL



PLAN VIEW OF 30" RISER BASE  
 NOTE: ADD 6" TO DIMENSIONS FOR 36" RISER

NOTE: ② BAR GOES THROUGH RISER WALL.

NOTE:  
 COATING ON ALL EXPOSED METAL SHALL BE TNEC POXY/POLYURETHANE SYSTEM FOR EXTERIOR STEEL MODERATE EXPOSURE. TOTAL DRY FILM THICKNESS 8 TO 12 MILS. COLOR TO BE SELECTED BY OWNER.



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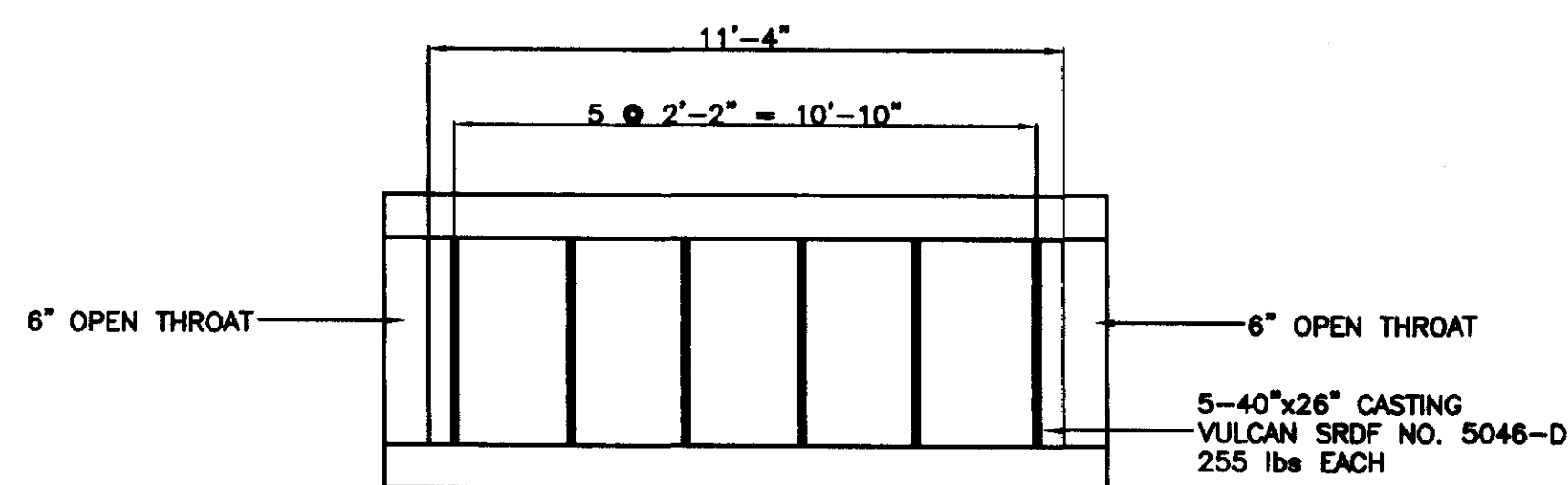
**PARCEL 2 ACCESS ROAD, CONTRACT 2**  
**VENTURE PROPERTIES**

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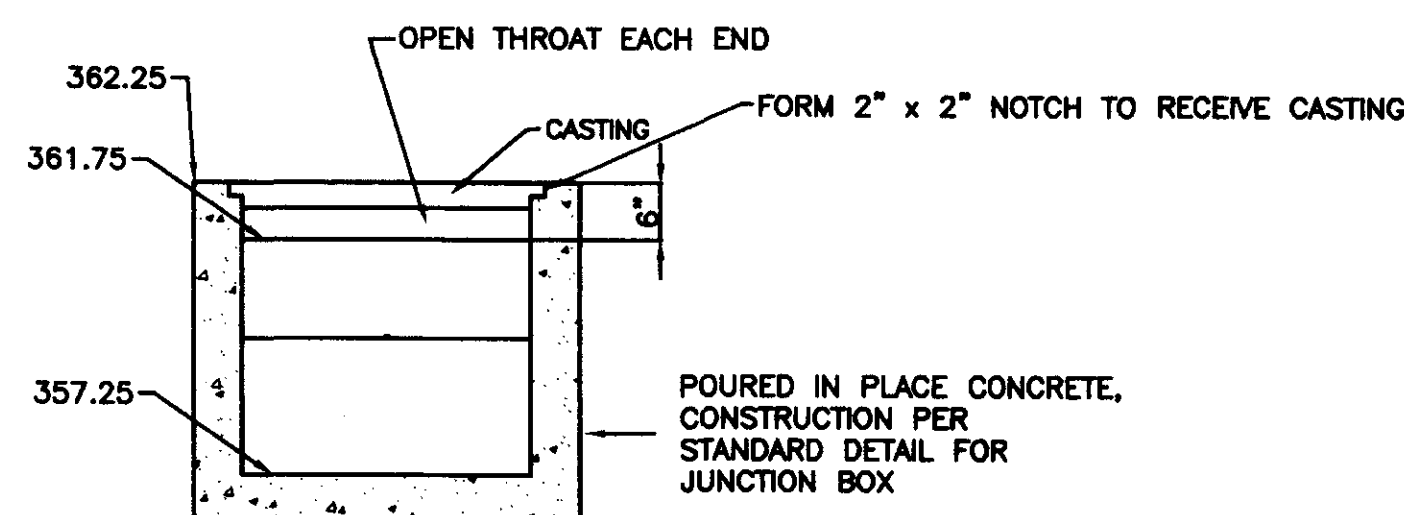
SCALE AS SHOWN  
 DATE 8-28-97  
 APPROVED BY  
 DRAWN BY R. ULMER  
 CHECKED BY  
 TRACED BY M.G.S.

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000**  
**PIPE AND RISER DETAILS**  
 FILE NAME DAMDTLS.DWG SHT NO. **26**





**PLAN VIEW**

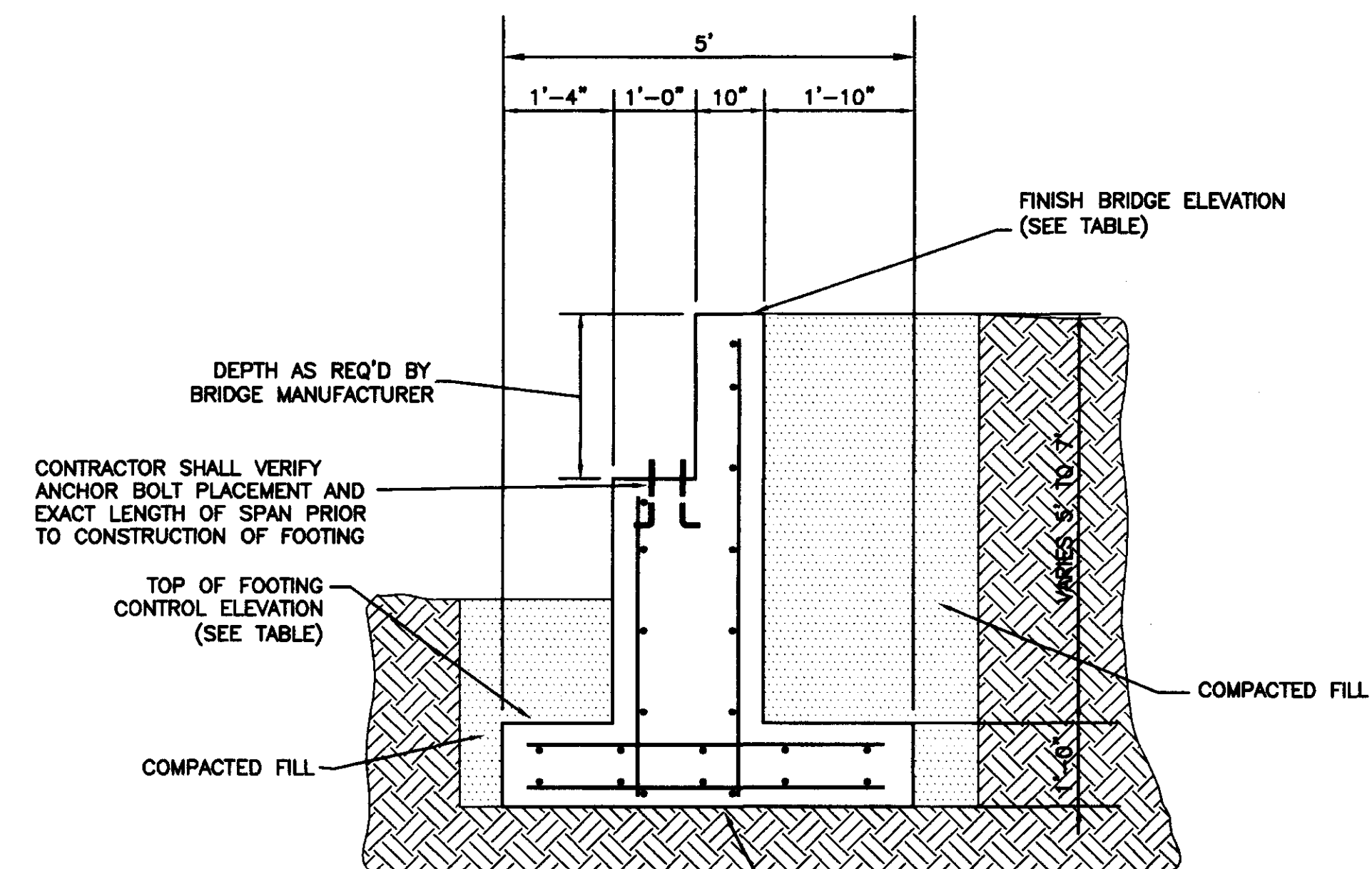
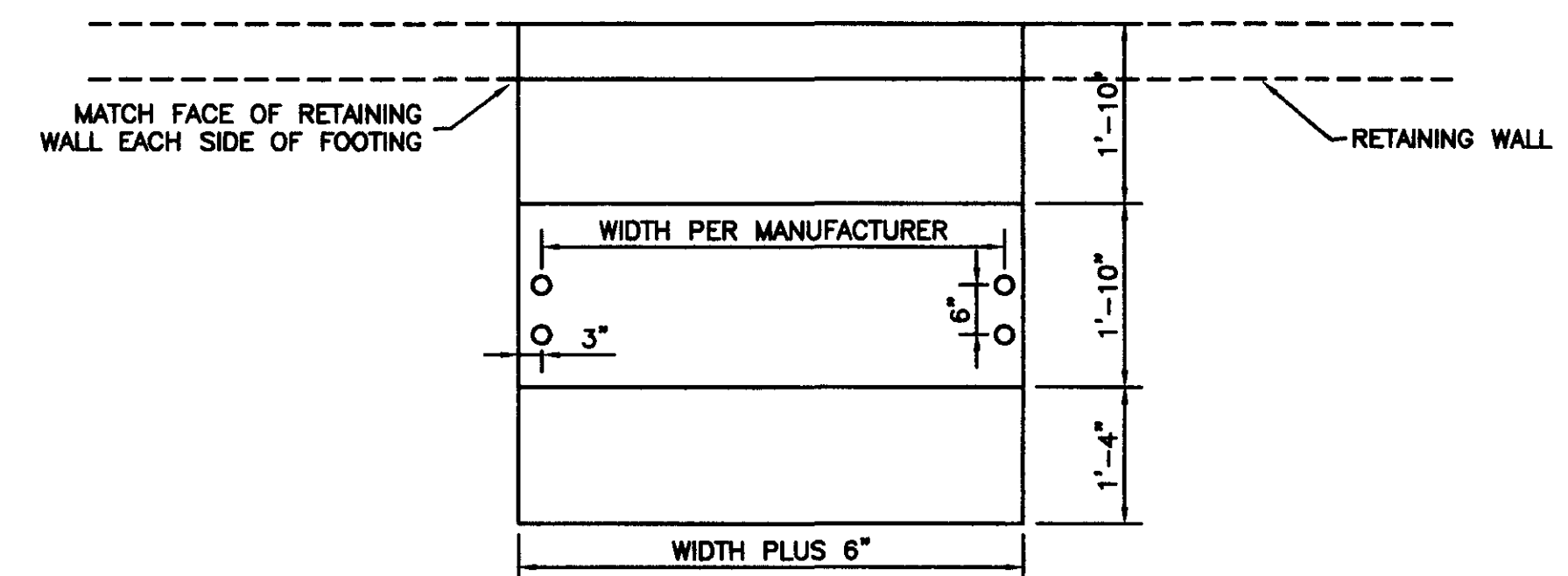


**DROP INLET AND JUNCTION BOX @  
OUTLET LAKE 2 & 3**

SCALE: N.T.S.  
(LAKE 3 - FUTURE CONSTRUCTION)

**BRIDGE TABLE DETAILS**

BRIDGE	LENGTH	BRIDGE TOP ELEV.	TOP FOOTING
LAKE 1, 1	27	362.00	356.00
LAKE 1, 2	26	362.00	356.00
LAKE 1, 3	26	362.00	356.00
LAKE 2, 1	41	369.00	362.00
LAKE 2, 2	26	369.00	363.00
LAKE 2, 3	26	370.00	364.00
LAKE 3, 1	42	372.50	367.50
LAKE 3, 2	52	372.50	367.50



EXCAVATE TO UNDISTURBED SOIL OVER EXCAVATION BACKFILL OR EMBANKMENT SHALL BE COMPACTED TO 95% STANDARD PROCTOR ASTM D-698 MINIMUM SOIL BEARING CAPACITY OF 2000psf REQUIRED

ALL RE-BAR SHALL BE #4 GRADE 60 OR BETTER WITH A MAXIMUM SPACING OF 10" O.C.

**FUTURE CONSTRUCTION  
TYPICAL FOOTING  
50' SPANS OR LESS**

SCALE: 1" = 20'

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**PARCEL 2 ACCESS ROAD, CONTRACT 2  
VENTURE PROPERTIES**

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SCALE 1" = 20'  
DATE 04/23/99  
APPROVED BY D.S.B.  
DRAWN BY A.U.J.  
CHECKED BY D.S.B.  
TRACED BY

SHEET TITLE  
**RECORD DRAWINGS: 7-10-2000  
BRIDGE ABUTMENT  
AND BOX DETAILS**

FILE NAME BRIDGE DETAIL.DWG SHEET NO. 27

