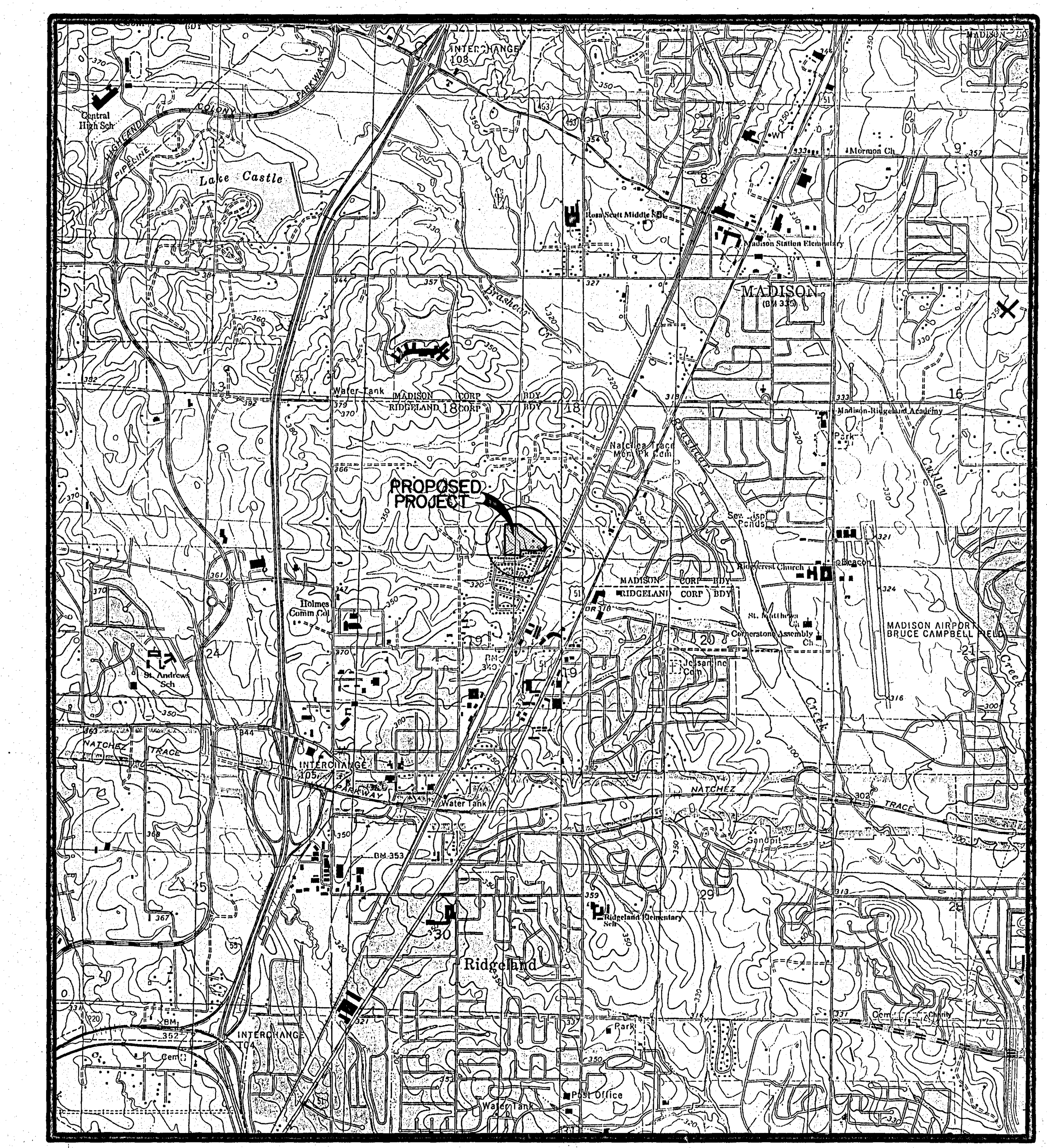
TOWNE OF BEAU CHENE

CONSTRUCTION PLANS



VICINITY MAP

SCALE: 1"=2000'

N

BEAU CHENE INVESTMENTS, LLC

OWNER & DEVELOPER

CONTENTS

NOTE
WATER SUPPLY BY CITY OF RIDGELAND.

JOHN THOMAS BAILEY REGISTERED PROFESSIONAL ENGINEER LAND SURVEYOR STATE OF MISSISSIPPI 10734 1994

J. Thom Bailey, P.E.

FINAL PLANS OF
COMPLETED WORK
1-2-07

BAILEY ENGINEERING
Jackson, Mississippi

PWP-02024

JOB NO. 03-301
SHT. NO. 1 OF 11

GRASSING SCHEDULE

Seed and fertilize all area disturbed within street/road rights-of-ways and drainage easements. The following seed mixtures shall be used during the times of year indicated.

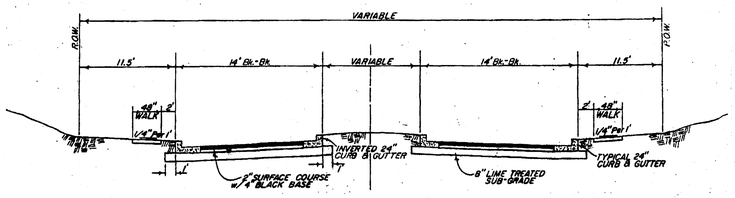
March 1 to August 31

Common Bermuda	25 lbs per acre
Bahia	45 lbs per acre

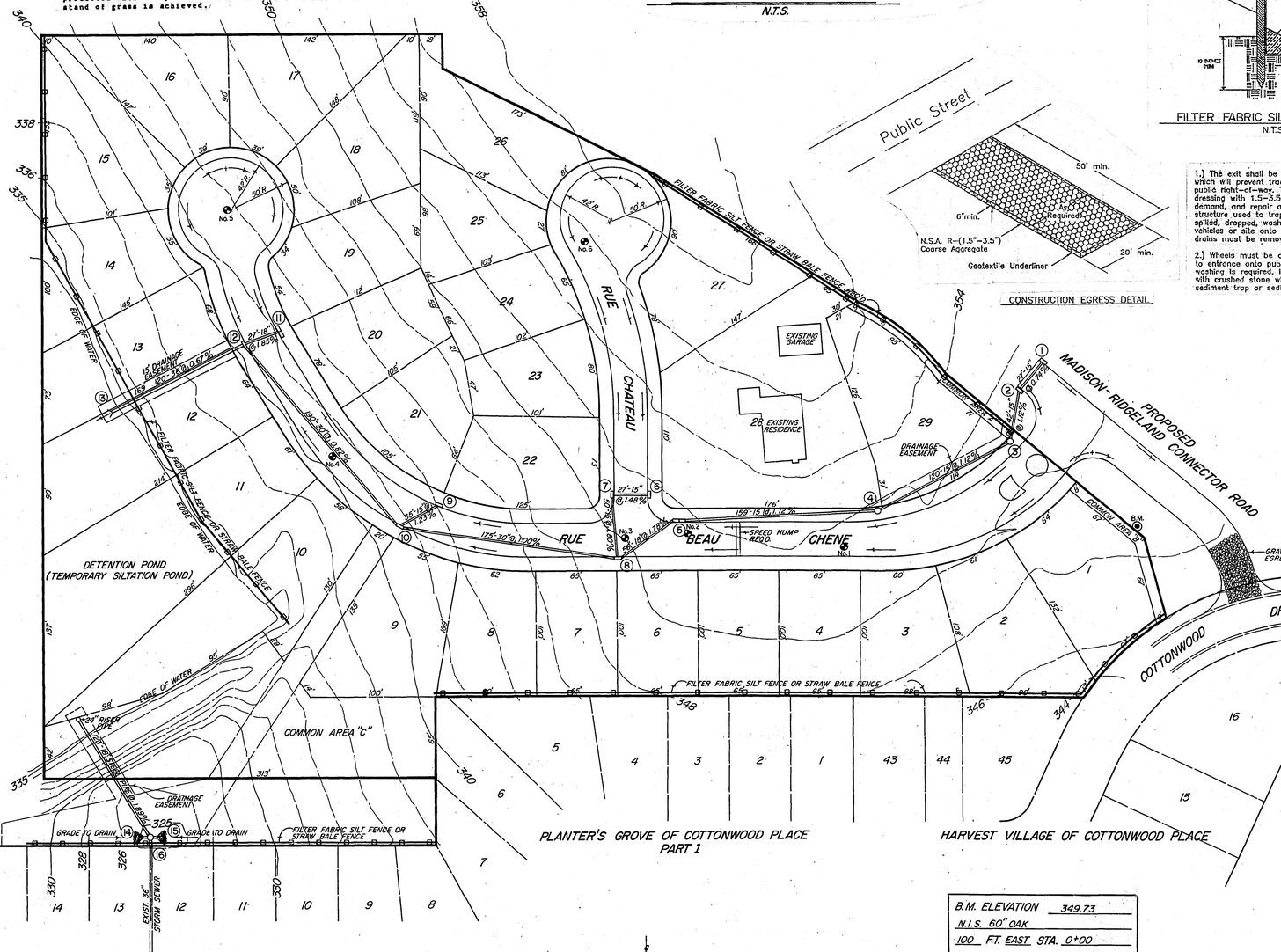
September 1 to February 28

Common Bermuda	15 lbs per acre	(use unhulled bermuda)
Bahia	40 lbs per acre	
Winter Rye	30 lbs per acre	

Before seeding, apply 13-13-13 fertilizer at the rate of 25 lbs per 1000 square feet of seed bed. Sow required seed mixture and rake the seed areas lightly to cover the seeds. Where required, steep slopes and ditch inverts shall be protected with a layer of weed free straw untill a growing stand of grass is achieved.



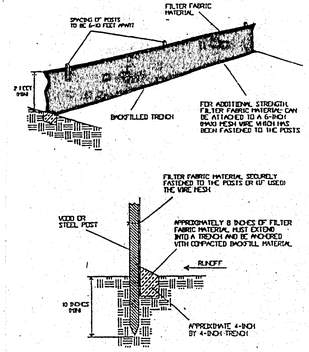
ENTRANCE
TYPICAL STREET SECTION
N.T.S.



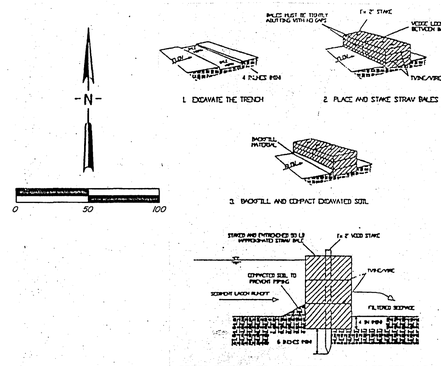
CONSTRUCTION EGRESS DETAIL

1.) The exit shall be maintained in a condition which will prevent tracking or flow of mud onto public right-of-way. This may require periodic top dressing with 1.5-3.5 inch stone, as conditions demand, and repair and/or clean out of any structure used to trap sediment. All materials spilled, dropped, washed, or tracked from vehicles or site onto roadways or into storm drains must be removed immediately.

2.) Wheels must be cleaned to remove mud prior to entrance onto public right-of-way. When washing is required, it shall be done on an area with crushed stone which drains into an approved sediment trap or sediment basin.



FILTER FABRIC SILT FENCE DETAIL
N.T.S.



CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE

STRAW BALE FENCE DETAIL
N.T.S.

1. *Curb Inlet*
   D.A.= 0.3 Ac.
   Q = 2.1 cfs
   15" Out = 349.00

2. *Curb Inlet*
   D.A.= 0.8 Ac.
   Q = 5.6 cfs
   15" In & Out = 348.80

3. *Storm Sewer Manhole*
   D.A.= 0.8 Ac.
   Q = 5.6 cfs
   15" In & Out = 348.33

4. *Storm Sewer Manhole*
   D.A.= 0.8 Ac.
   Q = 5.6 cfs
   15" In & Out = 346.99

5. *Double Curb Inlet*
   D.A.= 1.6 Ac.
   Q = 11.2 cfs
   15" In = 345.20
   18" Out = 345.00

6. *Curb Inlet*
   D.A.= 0.4 Ac.
   Q = 2.8 cfs
   15" Out = 346.00

7. *Curb Inlet*
   D.A.= 0.8 Ac.
   Q = 5.6 cfs
   15" In & Out = 345.60

8. *Curb Inlet*
   D.A.= 3.0 Ac.
   Q = 21.0 cfs
   15" In = 344.70
   18" In = 344.00
   30" Out = 338.50

9. *Curb Inlet*
   D.A.= 0.3 Ac.
   Q = 2.1 cfs
   15" Out = 338.50

10. *Curb Inlet*
    D.A. = 3.6 Ac.
    Q = 25.2 cfs
    15" In = 338.07
    30" In & Out = 336.75

11. *Double Curb Inlet*
    D.A. = 1.3 Ac.
    Q = 9.1 cfs
    18" Out = 336.50

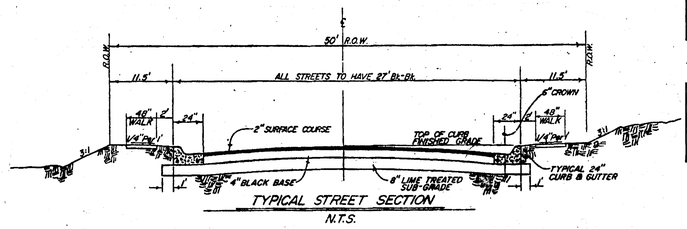
12. *Curb Inlet*
    D.A. = 5.4 Ac.
    Q = 37.8 cfs
    18" In = 336.00
    30" In = 335.20
    36" Out = 331.80

13. *36" Flared End Sect.*
    36" F.E.S. Out = 331.00

14. *15" Flared End Sect.*
    D.A. = 1.0 Ac
    Q = 7.0 cfs
    15" F.E.S. In = 325.22

15. *15" Flared End Sect.*
    D.A. = 0.2 Ac.
    Q = 1.4 cfs
    15" F.E.S. In = 325.22

16. *Tie To Existing 36" w/Storm Sewer Manhole*
    15" In = 325.14
    18" In = 3324.94
    Exist. 36" Out = 323.74



TYPICAL STREET SECTION
N.T.S.

B.M. ELEVATION 349.73
N.I.S. 60" OAK
100 FT. EAST STA. 0+00
ON RUE BEAU CHENE

B.M. ELEVATION 336.06
CHISELED SQUARE ON SE BRIDGE
ABUTMENT - RM 285

NOTE:
ALL STORM SEWER SHALL BE CONC..

LOCATION OF DENSITY TEST.

NOTE:
CONTOURS ARE 2' INTERVAL.

FINAL PLANS OF COMPLETED WORK
1-2-07

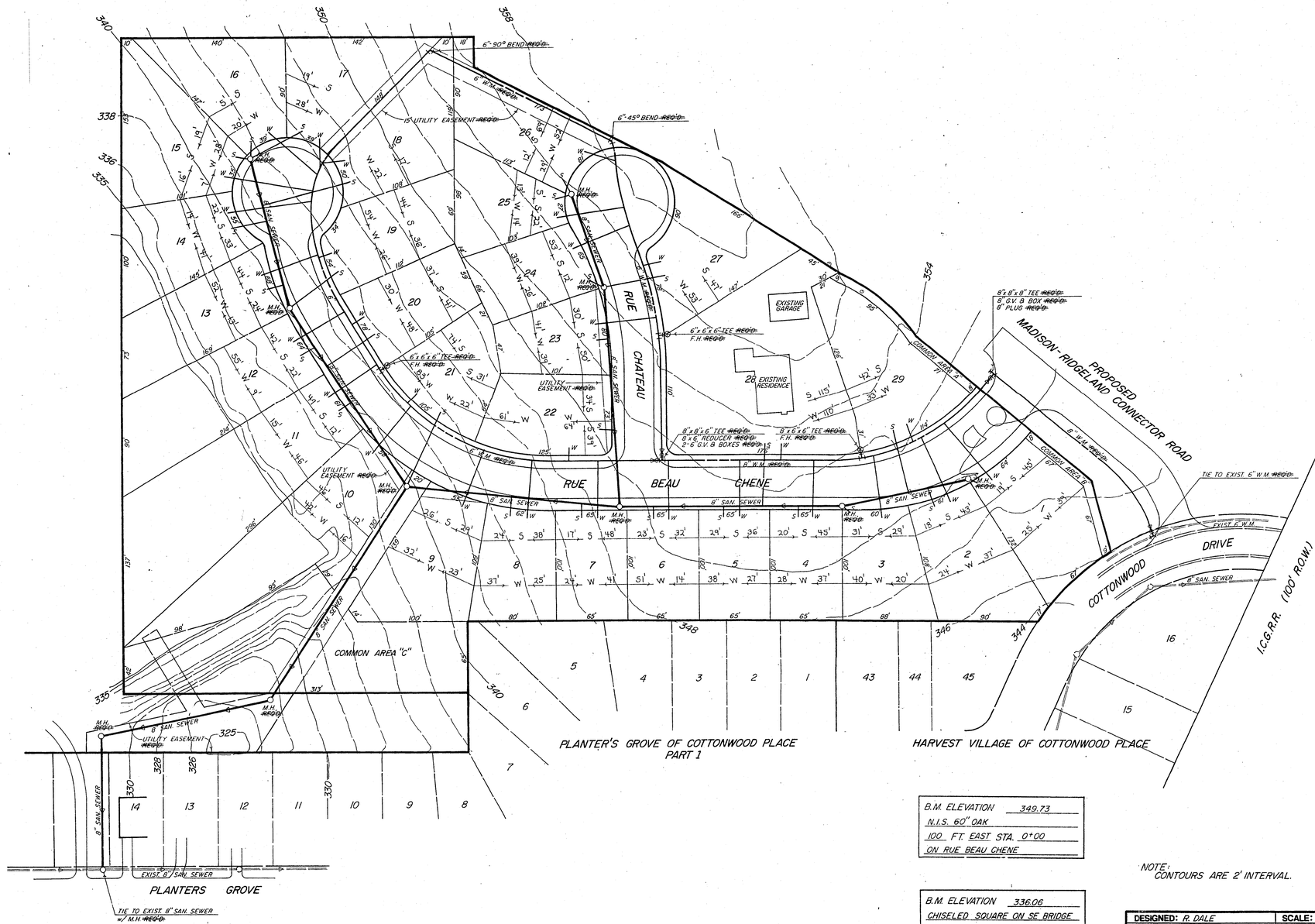
DESIGNED: R. DALE					SCALE: 1"= 50'		
DRAWN: R. DALE					DWG. NO: 03-301		
APPROVED: T. BAILEY							
DATE: JUNE, 2003							
REV. NO.	DATE	NATURE OF REVISION		BY	CHK'D.	APP'D.	

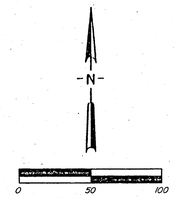
BAILEY ENGINEERING, INC.
CIVIL ENGINEERING and LAND SURVEYING
JACKSON, MISSISSIPPI

TOWNE OF BEAU CHENE
LOT LAYOUT & DRAINAGE
EROSION & SEDIMENT CONTROL PLAN

SHEET NO. 2

JOB NO. 03-301
SHT. NO. 2 OF 11





NOTES:

1. LOT DIMENSIONS ARE SUBJECT TO MINOR CORRECTION.
2. THE OWNER SHALL FURNISH STREET NAME AND TRAFFIC CONTROL SIGNS AS REQUIRED BY THE CITY OF RIDGELAND.
3. A 15 FEET WIDE UTILITY EASEMENT IS REQUIRED ON SEWER MAINS OUTSIDE OF THE STREET RIGHTS-OF-WAY.
4. SPECIFICATIONS FOR ALL ROADWAY AND SUBGRADE MATERIALS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, MISSISSIPPI STATE HIGHWAY DEPARTMENT. COMPACTION OF SUBGRADE, TOPPING, AND BASE COURSE SHALL BE AT LEAST 95% OF MAXIMUM THEORETICAL DENSITIES.
5. ALL STREET, SANITARY SEWER AND STORM SEWER CONSTRUCTION TO BE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. ALL CONSTRUCTION TO SUBJECT TO INSPECTION BY THE CITY OF RIDGELAND.
6. ALL WATER AND SEWER SERVICES TO BE LOCATED NEAR THE CENTER OF THE LOTS WITH A MINIMUM OF TEN (10) FEET SEPARATION AND SHALL RETURN TO THE PROPERTY LINE. ALL SERVICES SHALL BE MARKED ON THE FACE OF THE CURB AS REQUIRED BY THE CITY OF RIDGELAND.
7. THE CONTRACTOR SHALL LOCATE OR HAVE LOCATED ALL UNDERGROUND UTILITIES, BOTH PUBLIC AND PRIVATE, AND VERIFY THE DEPTH OF EACH BEFORE BEGINNING ANY CONSTRUCTION IN THE AREA OF SUCH UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE OF ANY UTILITIES WHICH ARE REQUIRED TO BE RELOCATED UNTIL SUCH ARE PROPERLY RELOCATED.
8. THE SEWER SYSTEM SHALL BE TESTED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE CITY OF RIDGELAND AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL GIVE AT LEAST 24 HOURS NOTICE TO THE ENGINEER AND/OR THE CITY OF RIDGELAND BEFORE ANY TESTING IS DONE. LOW PRESSURE AIR TEST IN ACCORDANCE w/ ASTM C828-80.
9. ALL SEWER CONSTRUCTION TO BE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE CITY OF RIDGELAND STANDARDS WITH THE FOLLOWING ADDITIONS/EXCEPTIONS.
   A. BRICK MANHOLES SHALL NOT BE ALLOWED.
   B. ALL MANHOLES SHALL BE WATERPROOFED USING EPOXY OR BITUMINOUS COATING.
   C. ALL INLET AND OUTLET PIPES TO MANHOLES SHALL BE JOINED WITH A GASKETED FLEXIBLE WATERTIGHT CONNECTION THAT ALLOWS DIFFERENTIAL SETTLEMENT TO TAKE PLACE
   D. GRAVITY SEWER MAINS AND SERVICES SHALL BE SDR 26 PVC PIPE CONFORMING TO ASTM D3034 AND ASTM D3212 WITH FLEXIBLE ELASTOMERIC SEALS CONFORMING TO ASTM F477. ALL SEWER MAINS SHALL BE SIZED AS INDICATED ON THE PLANS. ALL SEWER SERVICE LINES SHALL BE 6 INCH DIAMETER.
   E. GRAVITY SEWER MAINS AND SERVICES SHALL BE SUBJECT TO A LOW PRESSURE AIR TEST IN ACCORDANCE WITH ASTM C828-80 TO DETECT INFILTRATION/EXFILTRATION. ALL MANHOLE WALLS AND FLOORS SHALL BE VISUALLY INSPECTED FOR INFILTRATION AND PROPERLY SEALED WHEN INFILTRATION IS DETECTED. THE SEWER CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING ALL SANITARY SEWER PIPE AND MANHOLES. ALL TESTS SHALL CONFORM TO THE CITY OF RIDGELAND REQUIREMENTS.
   F. ALL PRESSURE MAINS SHALL BE CLASS 150 PVC AND MEET THE LATEST REVISIONS OF THE APPLICABLE AWWA STANDARDS. PRESSURE LEAKAGE TESTS SHALL BE PERFORMED ON ALL PRESSURE MAINS AND SHALL CONFORM TO CURRENT AWWA STANDARD C600.
   G. ALL FLEXIBLE SEWER PIPE SHALL BE SUBJECT TO DEFLECTION TEST BY PULLING A CAGE, MANDREL, OR OTHER SUITABLE DEVICE WHICH WILL INDICATE DIAMETRICAL DEFLECTIONS GREATER THAN 5 % OF THE PIPES DIAMETER. ALL PIPE THAT SHOW DEFLECTION GREATER THAN 5 % OF ITS DIAMETER SHALL BE UNCOVERED, REBEDED, REBACKFILLED AND RETESTED UNTIL IT CONFORMS. THIS TEST SHALL NOT BE PERFORMED UNTIL THE PIPE HAS BEEN IN PLACE FOR A MINIMUM OF 30 DAYS.
   H. BEDDING CLASSES A, B, OR C, AS DESCRIBED IN ASTM C12-74 (ANSI A106.1) OR WPCF MOP NO. 9 (ASCE MOP NO. 37) SHALL BE USED FOR ALL RIGID SEWER PIPES AS APPLICABLE FOR THE STRENGTH PIPE USED AND LOADING CONDITIONS ANTICIPATED.
   I. BEDDING CLASSES 1, 2, OR 3A, AS DESCRIBED IN ASTM D2321-74 (ANSI 65.1771) SHALL BE USED FOR ALL FLEXIBLE SEWER PIPE AS APPLICABLE FOR THE STRENGTH PIPE USED AND LOADING CONDITIONS ANTICIPATED.
   J. BACKFILL IN ALL TRENCHES UNDER EXISTING OR PROPOSED PAVEMENTS AND CURB AND GUTTERS ARE TO BE MECHANICALLY COMPACTED IN 6" MAXIMUM LOOSE LIFTS TO A DENSITY OF NOT LESS THAN 95% OF THE SOILS MAXIMUM THEORETICAL DENSITY. IF TOP NATIVE SOILS CANNOT BE SO COMPACTED, SELECT MATERIALS SHALL BE USED FOR BACKFILL.

NOTES:

1. Sewer and Water service location measurements are from front lot corners as shown.
2. Lot dimensions shown are approximate. See recorded plats for true dimensions.
3. Actual inverts and grades on streets, sanitary sewers and storm sewers may vary slightly from what is shown on the Final Plans of Completed Work.

FINAL PLANS OF COMPLETED WORK 1-2-07

B.M. ELEVATION 349.73
N.I.S. 60" OAK
100 FT. EAST STA. 0+00
ON RUE BEAU CHENE

B.M. ELEVATION 336.06
CHISELED SQUARE ON SE BRIDGE
ABUTMENT - RM 285

NOTE:
CONTOURS ARE 2' INTERVAL.

DESIGNED: R. DALE	SCALE: 1"=50'
DRAWN: R. DALE	DWG. NO: 03-301
APPROVED: T. BAILEY	
DATE: JUNE, 2003	

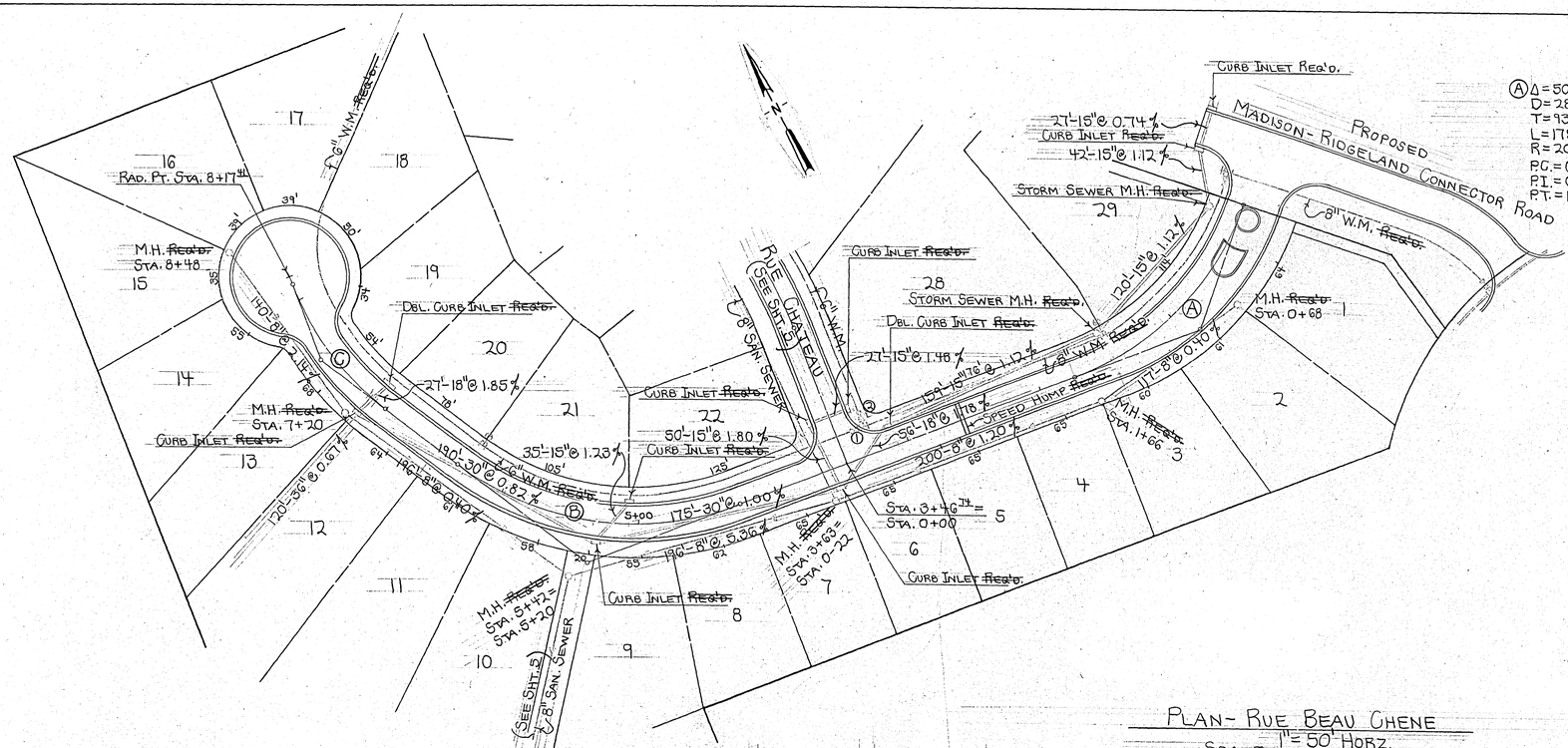
REV. NO.	DATE	NATURE OF REVISION	BY	CHKD.	APPD.

BAILEY ENGINEERING, INC.
CIVIL ENGINEERING and LAND SURVEYING
JACKSON, MISSISSIPPI

TOWNE OF BEAU CHENE
WATER & SEWER LAYOUT

SHEET NO. 3

JOB NO. 03-301
SHT. NO. 3 OF 11

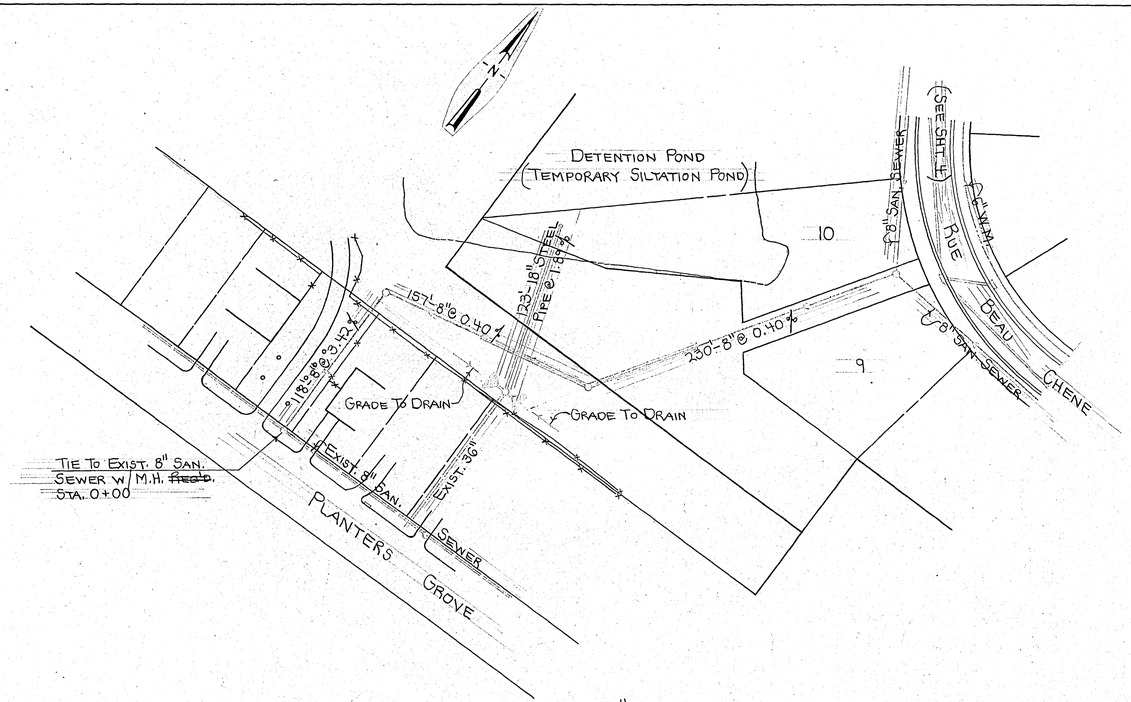


PLAN - RUE BEAU CHENE

SCALE: 1" = 50' HORZ.
1" = 5' VERT.

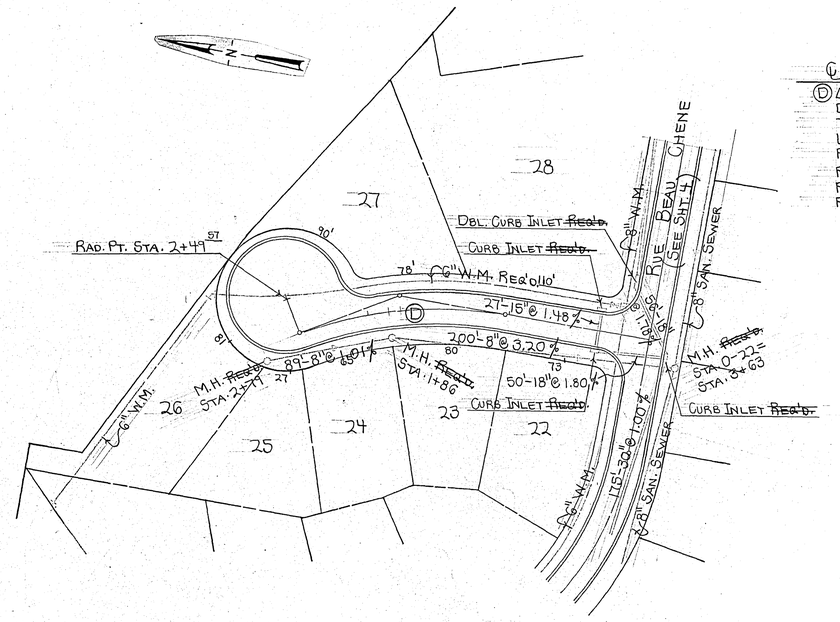
FINAL PLANS OF COMPLETED WORK
1-2-07

PLAN | SURVEYED | PLOTTED | NOTE BOOK | ALIGNMENT CHECKED | R/C OF WAY CHECKED | No. | BY | DATE



PLAN - PROPOSED 8" SANITARY SEWER SERVING TOWNE OF BEAU CHENE

SCALE: 1" = 50' HORZ.
1" = 5' VERT.

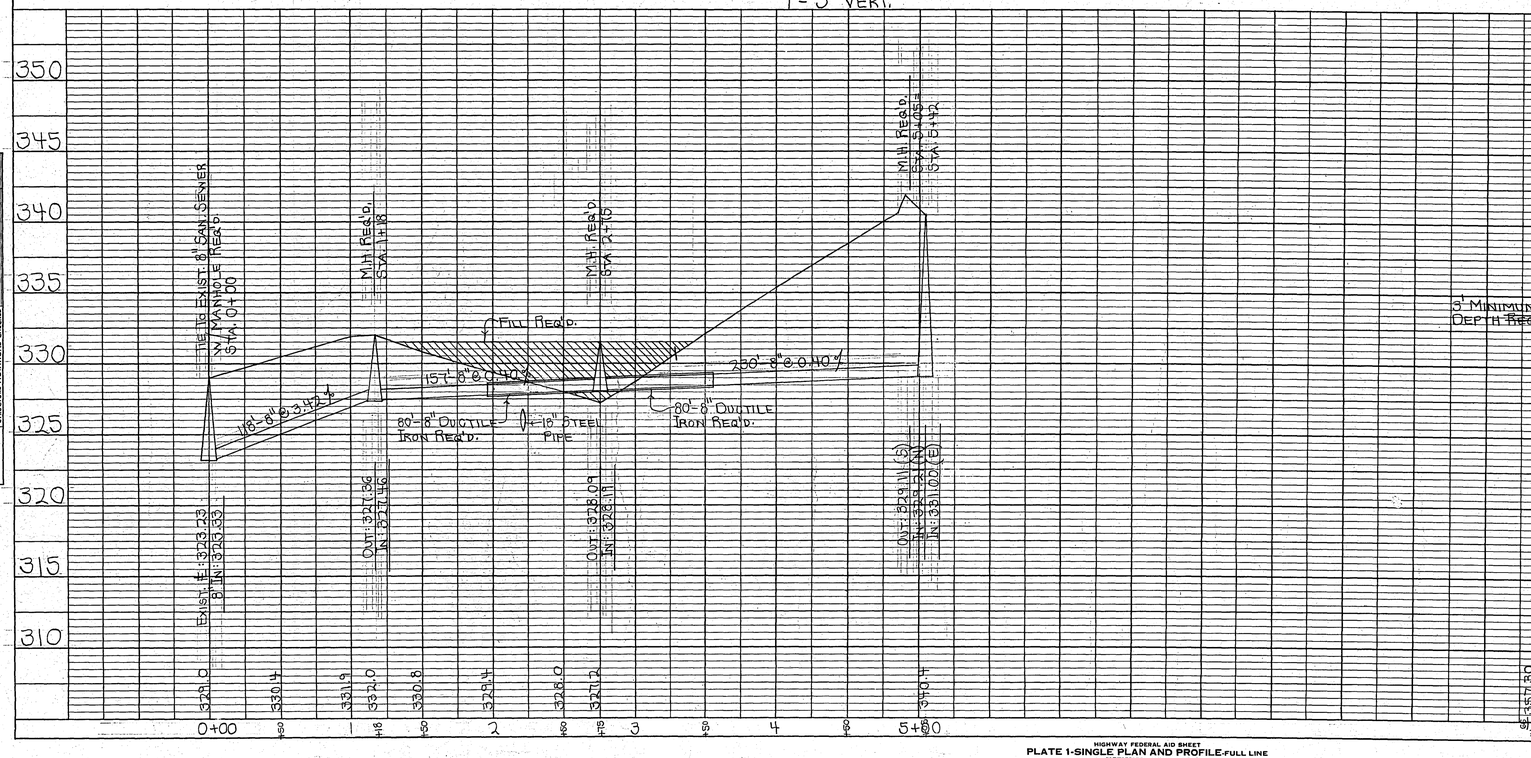


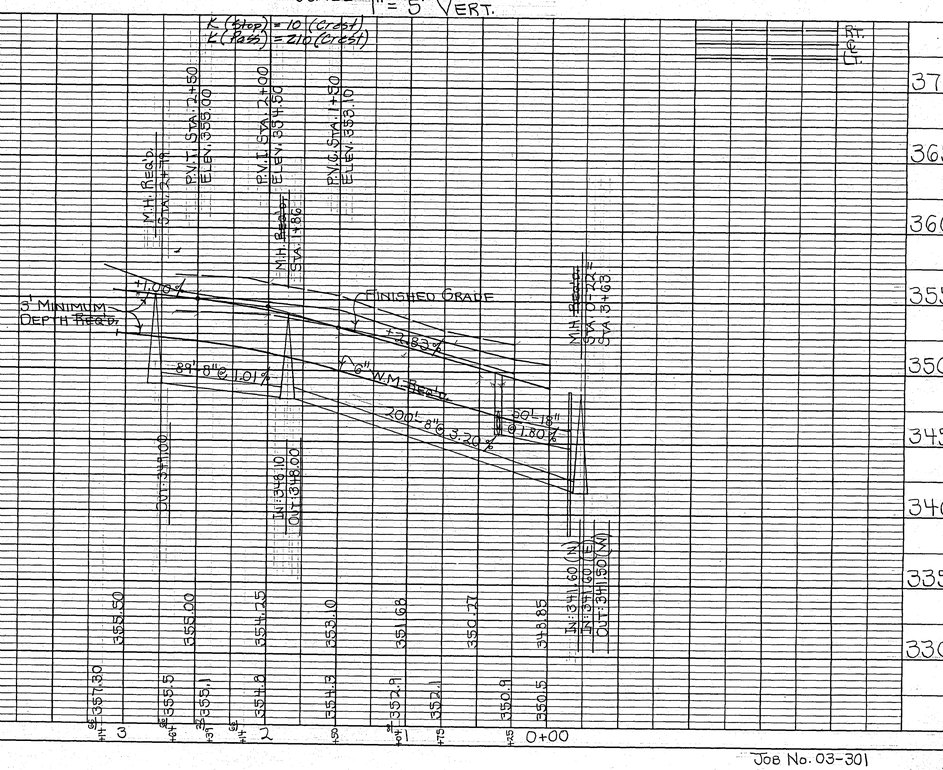
PLAN - RUE CHATEAU

SCALE: 1" = 50' HORZ.
1" = 5' VERT.

FINAL PLANS OF COMPLETED WORK 1-2-07

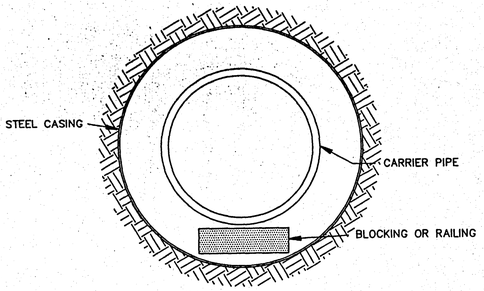
PROFILE | SURVEYED | PLOTTED | NOTE BOOK | GRADES CHECKED | B. M.'s NOTED | No. | STRUCTURE LOCATIONS CHECKED | BY | DATE





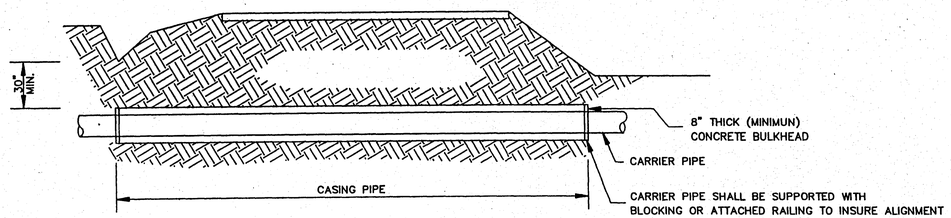
HIGHWAY FEDERAL AID SHEET
PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
NATIONAL PRINTFAST
PRINTED IN U.S.A.

Job No. 03-301
Sht. No. 5 OF 11



BORE SECTION

N.T.S.



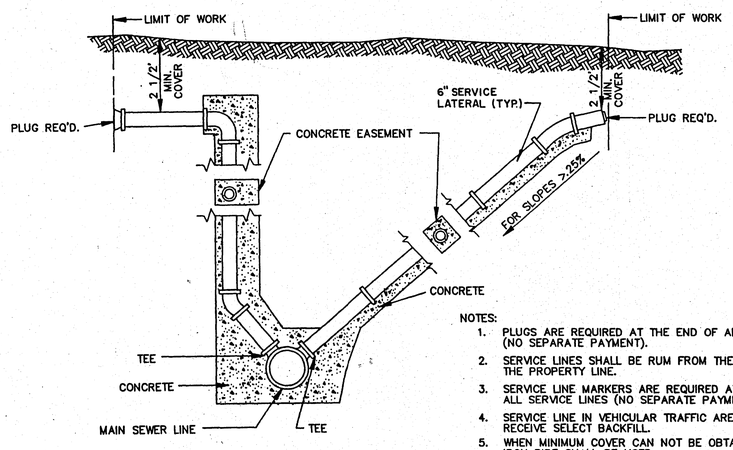
TYPICAL BORE SECTION

N.T.S.

TABLE II
GOVERNING DIMENSIONS FOR MANHOLES

PIPE SIZE	Δ ANGLE	BASE DIAMETER ••	"R" •
8" THRU 12"	0° TO 90°	4'	1'– 6"
15"	0° TO 60°	4'	1'– 10"
15"	60° TO 90°	4'	1'– 10"
18"	0° TO 60°	4'	2'– 3"
18"	60° TO 90°	4'	1'– 10"
21"	0° TO 60°	4'	2'– 7"
21"	60° TO 90°	5'	2'– 4"
24"	0° TO 45°	4'	3'– 0"
24"	45° TO 90°	5'	2'– 3"
30"	0° TO 60°	5'	3'– 9"
30"	60° TO 90°	6'	2'– 8"
36"	0° TO 60°	6'	4'– 6"
36"	60° TO 90°	7'	3'– 11"
42"	0° TO 60°	7'	5'– 3"
42"	60° TO 90°	8'	4'– 7"
48"	0° TO 60°	8'	6'– 0"
48"	60° TO 90°	9'	5'– 3"

• SEE SECTIONAL PLAN, STANDARD MANHOLE
•• PRECAST MANHOLE

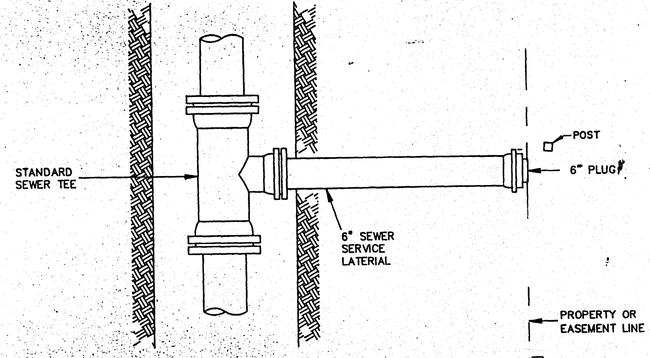


NOTES:

1. PLUGS ARE REQUIRED AT THE END OF ALL SERVICE LINES (NO SEPARATE PAYMENT).
2. SERVICE LINES SHALL BE RUM FROM THE SEWER LINES TO THE PROPERTY LINE.
3. SERVICE LINE MARKERS ARE REQUIRED AT THE END OF ALL SERVICE LINES (NO SEPARATE PAYMENT).
4. SERVICE LINE IN VEHICULAR TRAFFIC AREA SHALL RECEIVE SELECT BACKFILL.
5. WHEN MINIMUM COVER CAN NOT BE OBTAINED DUCTILE IRON PIPE SHALL BE USED.

SERVICE CONNECTION FOR DEEP SEWER

N.T.S.

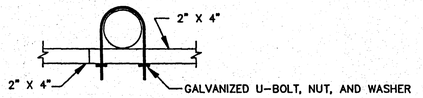


PLAN

ELEVATION

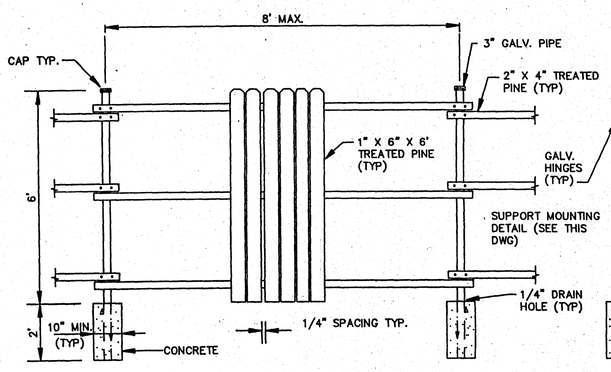
SEWER SERVICE CONNECTION

N.T.S.



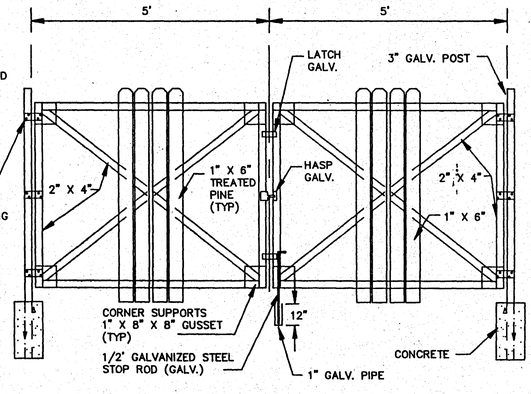
SUPPORT MOUNTING DETAIL

N.T.S.



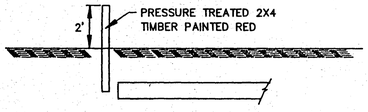
FENCE DETAIL

N.T.S.



GATE DETAIL

N.T.S.



SERVICE LINE MARKER
(NO SEPARATE PAYMENT)

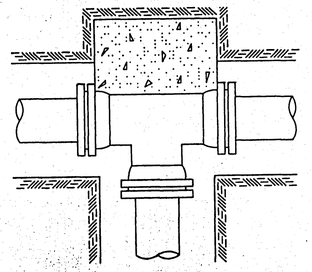
N.T.S.

CITY OF RIDGELAND, MS.

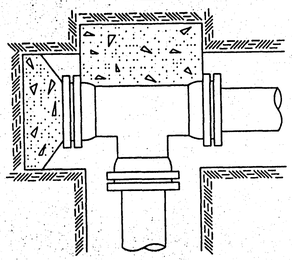
STANDARD DETAILS

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

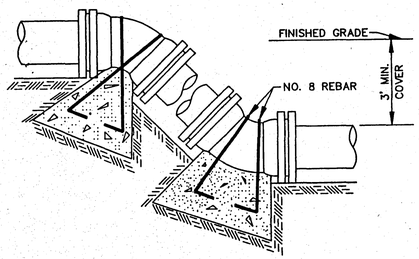
DRAWING 79876 POST 43855



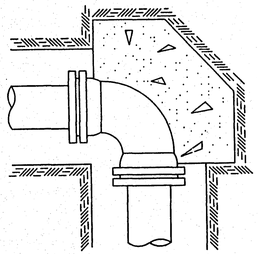
TEE



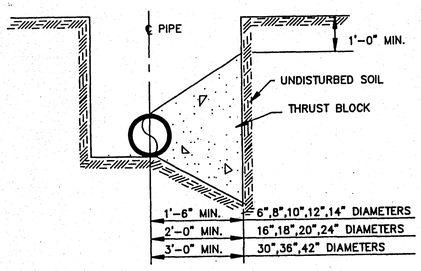
PLUGGED TEE



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)	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
8	4.0	6.0	3.0	2.0	2.0
10	6.0	9.0	5.0	2.5	2.0
12	9.0	11.0	6.0	3.5	2.0
14	12.0	18.0	9.0	5.0	2.5
16	16.0	22.5	12.0	6.0	3.0
18	20.0	28.0	15.0	8.0	4.0
20	24.5	34.0	19.0	10.0	5.0
24	35.0	49.0	27.0	14.0	7.0
30	54.0	76.0	41.0	21.0	10.0
36	77.0	108.0	59.0	30.0	15.0
42	104.0	146.0	79.0	40.0	20.0

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

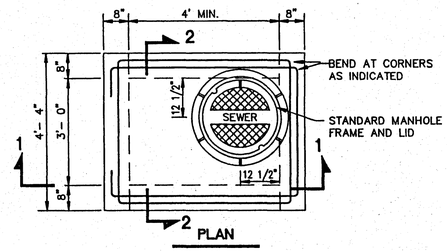
FOR DIFFERENT SOIL BRG, MULTIPLY ABOVE VALUES BY 1500/S.B.

VERTICAL BENDS

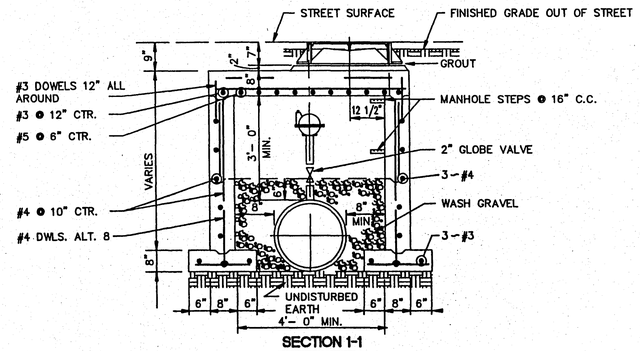
NOMINAL PIPE DIAMETER (IN)	DEAD-END OR TEE	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
6	—	—	26.0(1.0)	14.0(.5)	7.0(.3)
8	—	—	45.0(1.7)	25.0(.9)	13.0(.5)
10	—	—	68.0(2.5)	37.0(1.4)	19.0(.7)
12	—	—	97.0(3.6)	52.0(1.9)	27.0(1.0)
14	—	—	130(4.8)	70.0(2.6)	36.0(1.3)
16	—	—	168(6.2)	91.0(3.4)	46.0(1.7)
18	—	—	211(7.8)	114(4.2)	58.0(2.2)
20	—	—	259(9.6)	140(5.2)	72.0(2.6)
24	—	—	370(13.7)	200(7.4)	102(3.8)
30	—	—	568(21.1)	308(11.4)	156(5.8)
36	—	—	814(30.1)	440(16.3)	225(8.3)
42	—	—	1100(40.7)	595(22.0)	303(11.2)

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

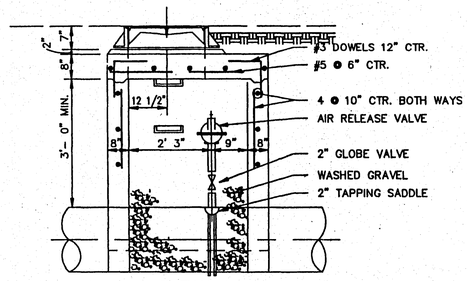
NOTE:
ABOVE VALUES REPRESENT THE VOLUME OF BLOCKS INCLUDING SOIL LOAD IN CU.FT. (CU.YDS.) THE VALUES WERE CALCULATED USING A P=100 PSI AND A S.F.=1.5 . FOR DIFFERENT P, MULTIPLY VALUES BY P/100.



PLAN



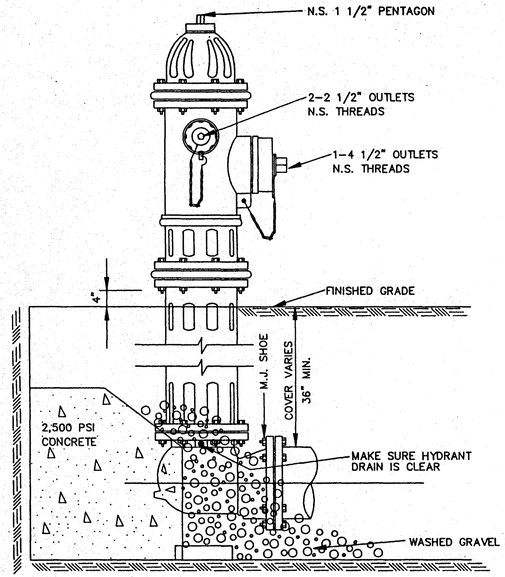
SECTION 1-1



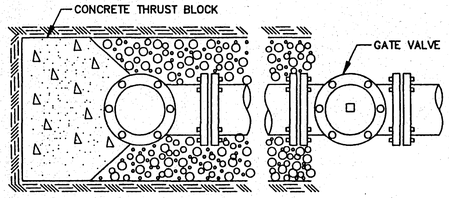
SECTION 2-2

TYPICAL AIR OR AIR VACCUUM RELEASE VALVE INSTALLATION WITH MANHOLE

NOT TO SCALE



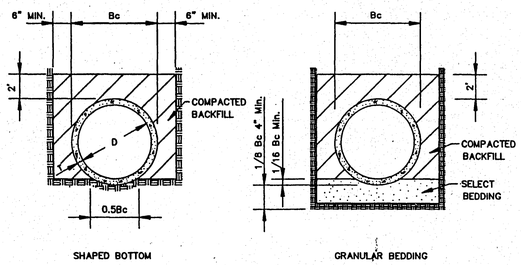
ELEVATION



PLAN

TYPICAL FIRE HYDRANT INSTALLATION

NOTE: GATE VALVES w/ ANCHOR COUPLINGS WILL BE REQUIRED ON ALL FIRE HYDRANT LEGS. ANCHOR COUPLING RODS REQ'D.



CLASS C

TYPICAL TRENCH DETAILS

N.T.S.

CITY OF RIDGELAND, MS.

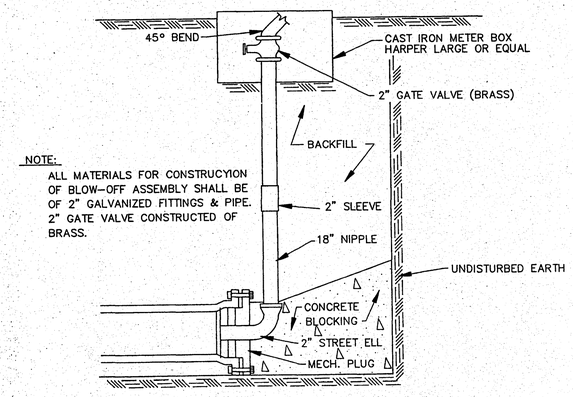
STANDARD DETAILS

DSGN:	
DRWN:	
CHKD:	
SCALE:	

THE CITY OF RIDGELAND

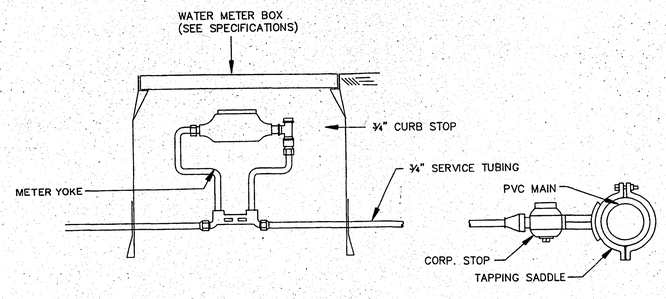
DRAWING NO.

OF



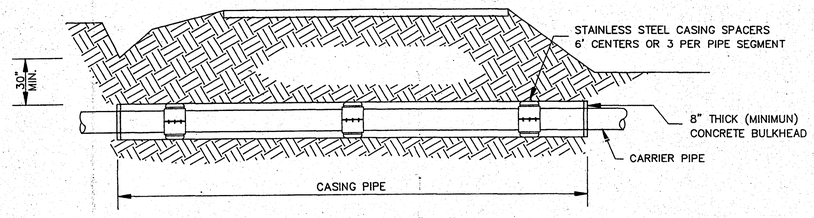
TYPICAL BLOW-OFF ASSEMBLY

N.T.S.



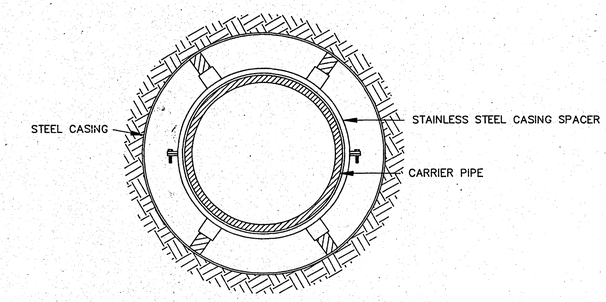
TYPICAL 3/4" WATER SERVICE

N.T.S.



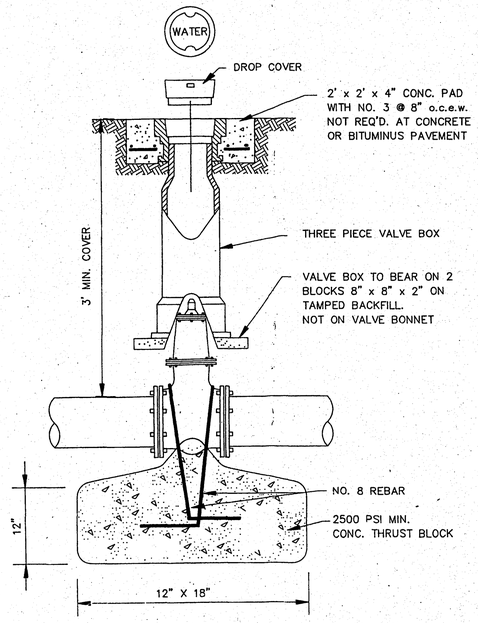
TYPICAL BORE SECTION

N.T.S.



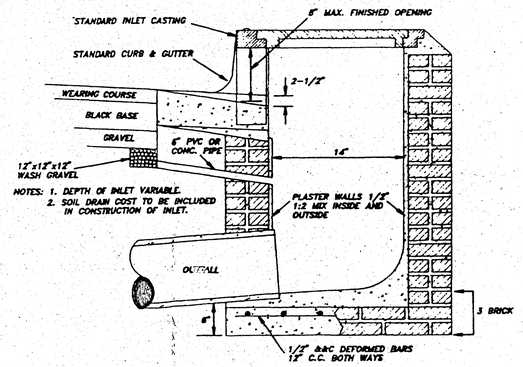
BORE SECTION

N.T.S.

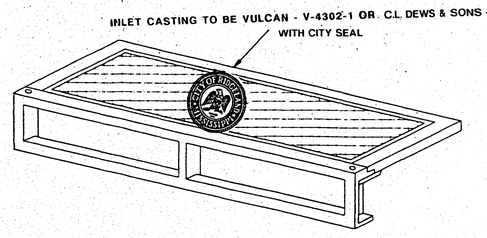


GATE VALVE DETAIL

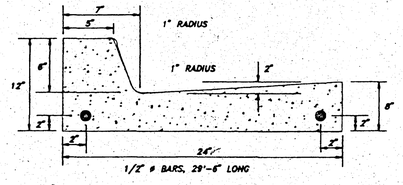
N.T.S.



SECTION OF STANDARD CURB INLET



STANDARD CURB INLET CASTING



NOTES: 1. ALL CURBS, GUTTERS & DRIVEWAYS TO BE CONSTRUCTED OF 3000 LB. CONCRETE.

2. 2 – 5/8" DOWEL BARS, 15" LONG REQD. 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

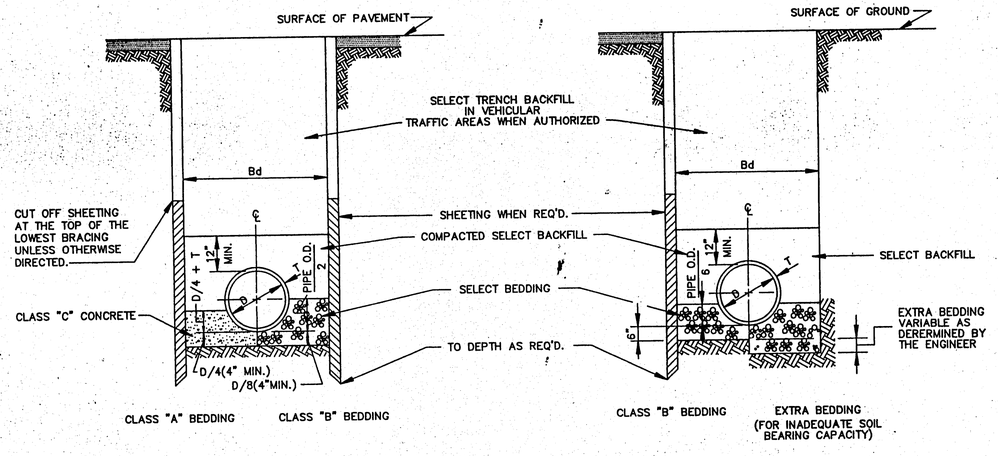
DSGN:	SV
DRWN:	BRM
CHKD:	SV
SCALE:	N.T.S.

THE CITY OF RIDGELAND

DRAWING NO.

OF

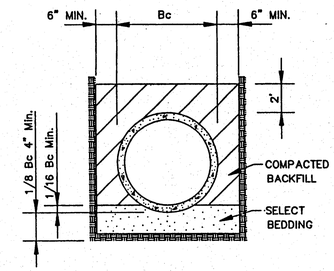
DRAWING 77876 FORM #3865



BEDDING FOR VITRIFIED CLAY, CONCRETE & ABS PIPE

TYPICAL TRENCH DETAILS

N.T.S.



GRANULAT BEDDING
TYPE 3 LAYING CONDITION

TYPICAL TRENCH DETAILS (FORCE MAIN)

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 PREMITTED. 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.

TABLE "A"		
PIPE SIZE		
CARRIER PIPE (INCHES)	CASING PIPE DIA. (INCHES)	CASING PIPE 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	"

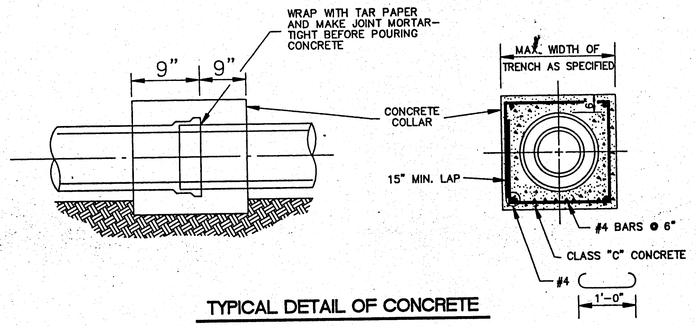
DUCTILE IRON — R.C.P. — SPIRAL WELDED STEEL — LINEAR PLATE

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
48	12	12	12	12	12	12	12	12	10
54	12	12	12	12	12	12	12	10	8
60	12	12	12	12	12	12	12	8	7
66	12	12	12	12	12	12	10	8	8
72	12	12	12	12	12	12	10	8	7
78	12	12	12	12	12	10	8	7	5
84	12	12	12	12	10	10	8	5	5
96	12	12	10	10	10	10	8	5	5
108	10	10	10	10	10	8	7	5	5
120	10	10	10	10	8	8	7	5	5
144	8	8	8	8	8	5	5	3	3

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

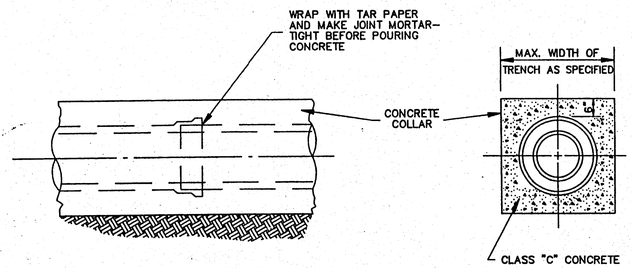
CASING PIPE

SIZE AND THICKNESS OF PIPE FOR RAILROAD & HIGHWAY CROSSING



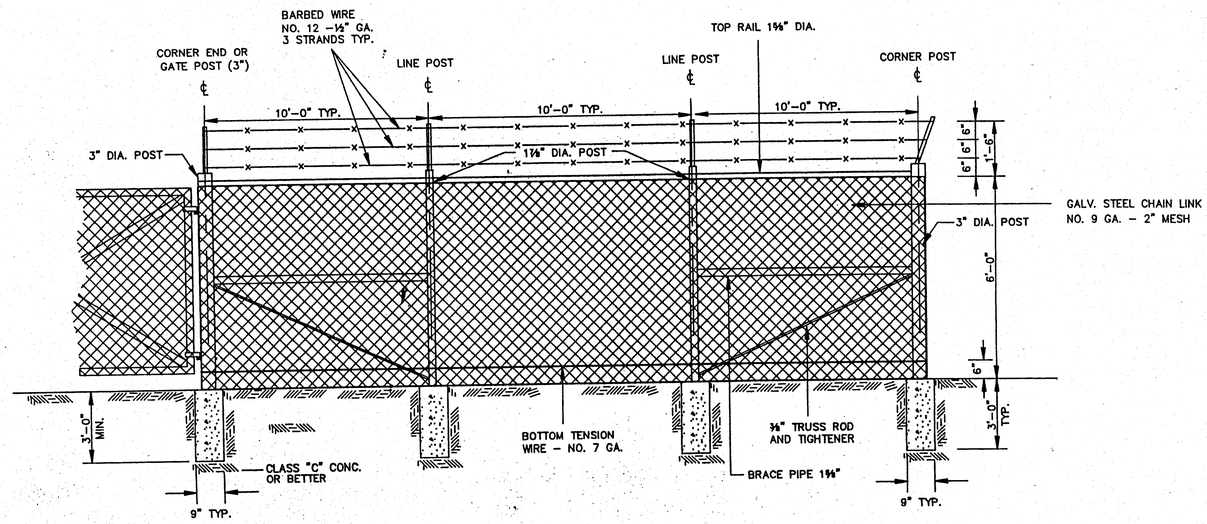
TYPICAL DETAIL OF CONCRETE COLLAR

N.T.S.



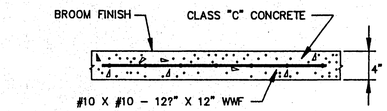
TYPICAL DETAIL OF CONCRETE ENCASEMENT

N.T.S.

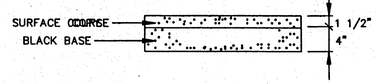


CHAIN LINK FENCE DETAIL

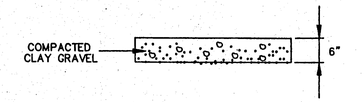
N.T.S.



TYPICAL CONC. DRIVEWAY AND SIDEWALK REPAIR



TYPICAL ASPHALT DRIVEWAY REPAIR



TYPICAL GRAVEL DRIVEWAY REPAIR

CITY OF RIDGELAND, MS.

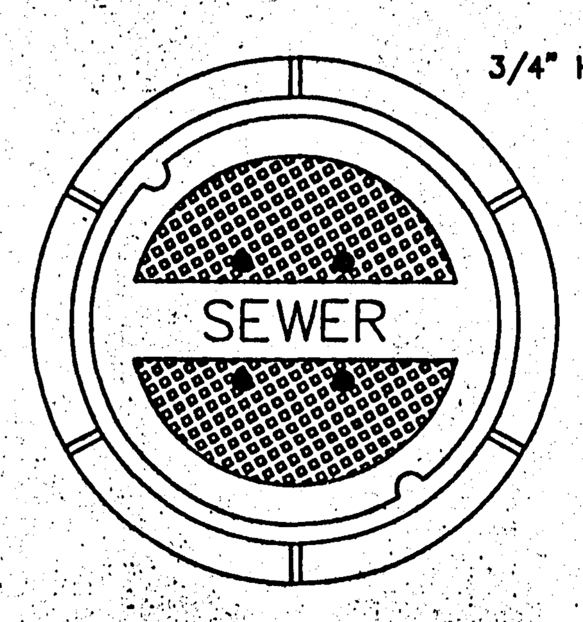
STANDARD DETAILS

DSGN:	
DRWN:	
CHKD:	
SCALE:	

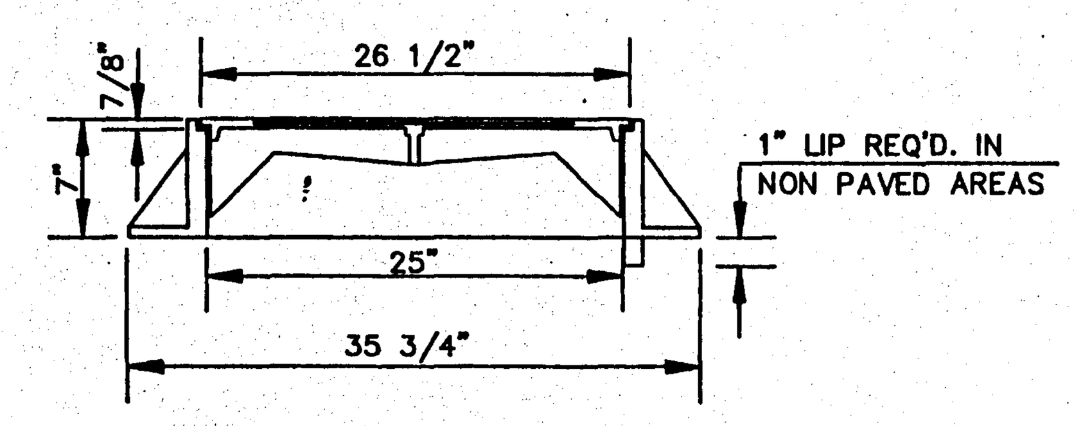
THE CITY OF RIDGELAND

DRAWING NO.

OF

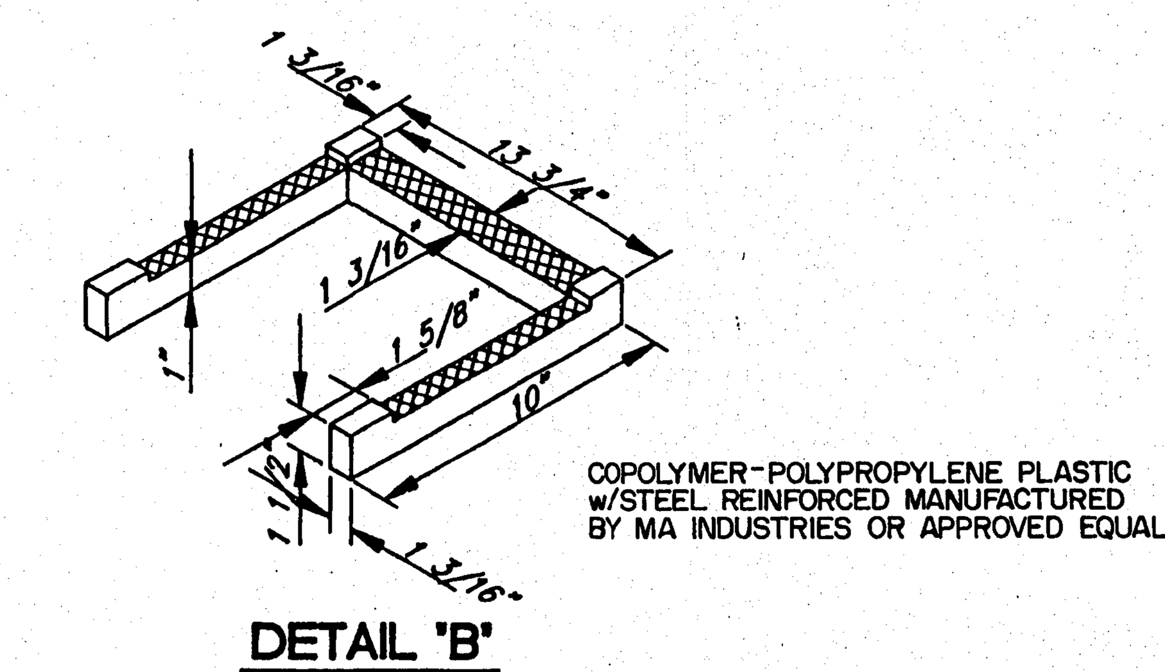


TOP PLAN OF COVER



SECTION

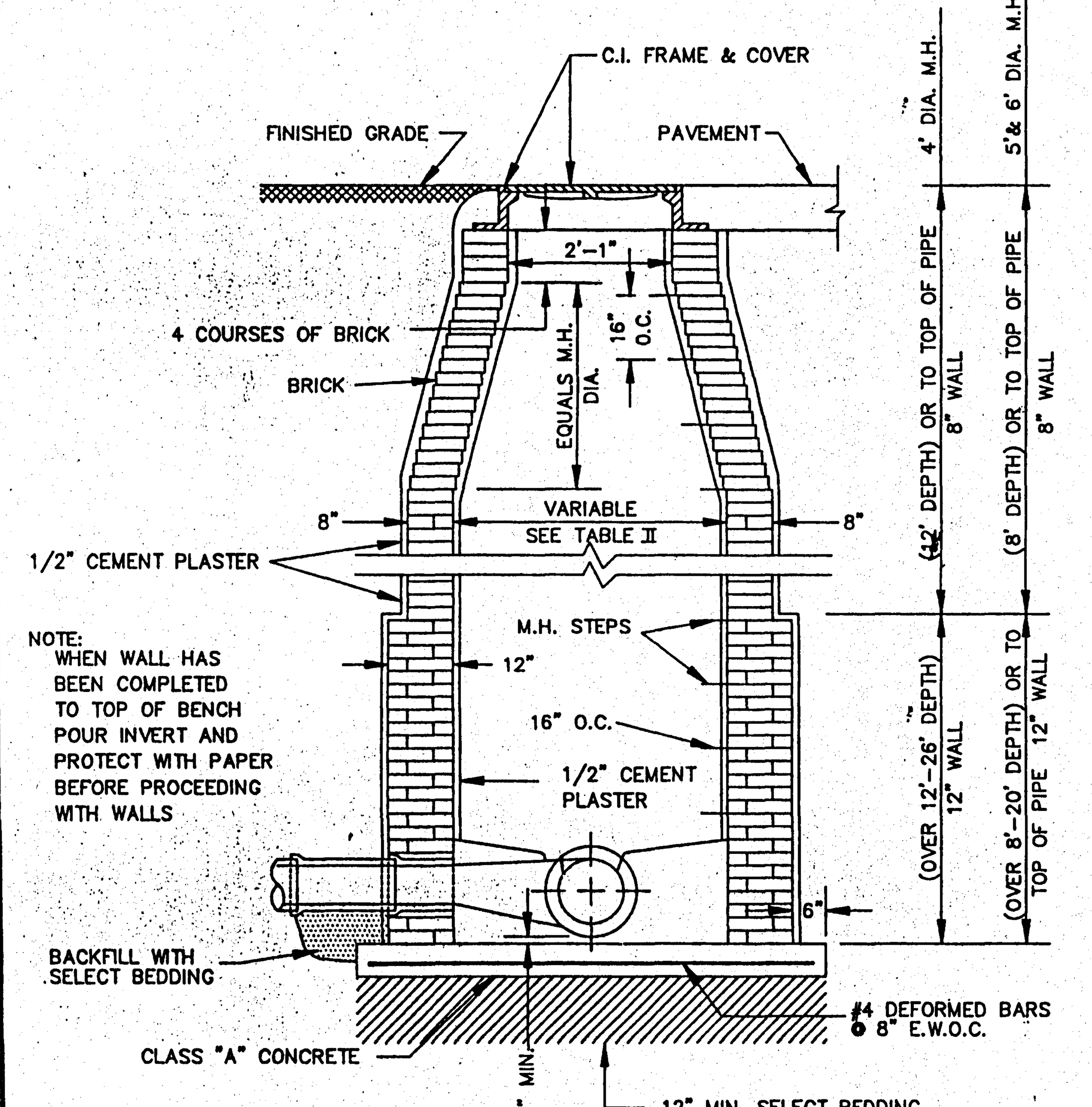
FRAME & COVER WEIGHT 420 LBS.



DETAIL "B"

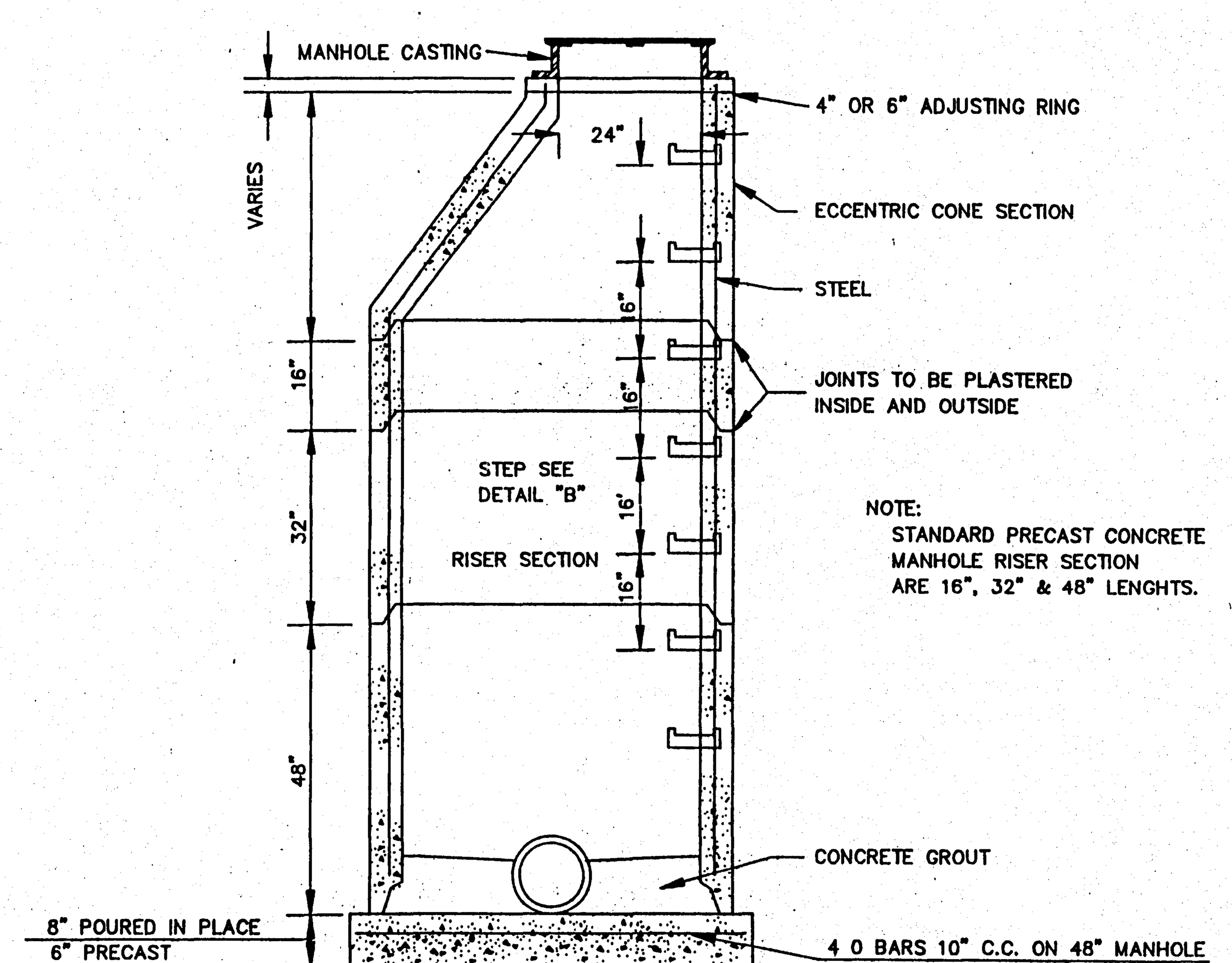
STANDARD MANHOLE FRAME AND COVER

N.T.S.



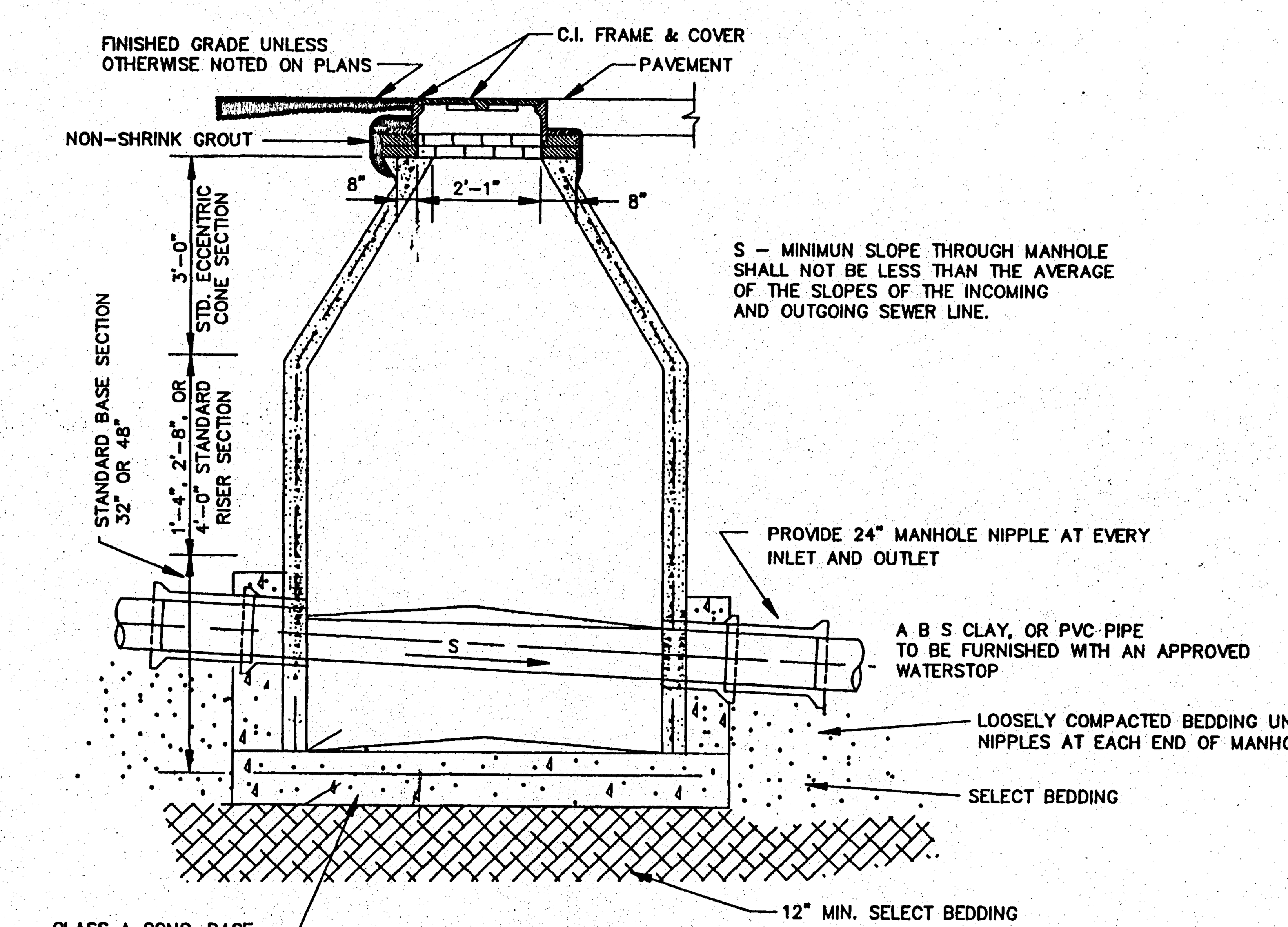
STANDARD BRICK MANHOLE

N.T.S.



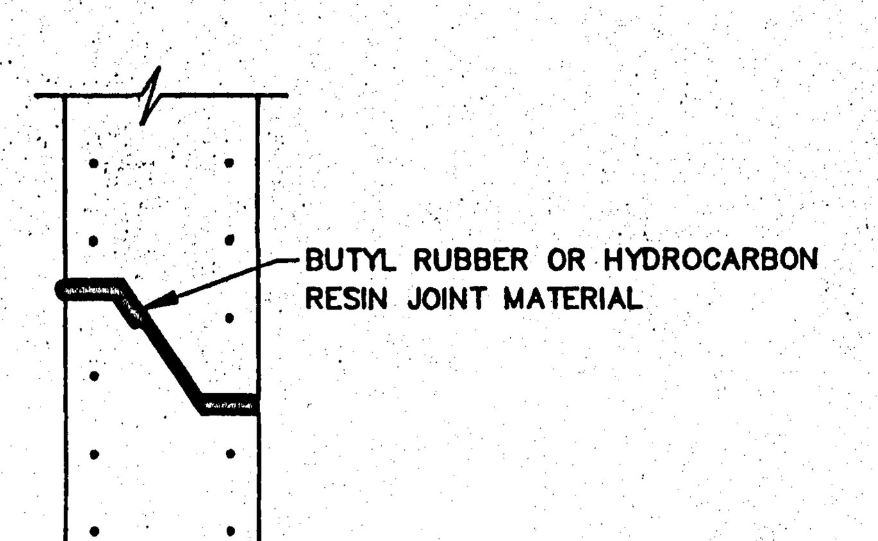
SECTION OF PRECAST CONCRETE MANHOLE

N.T.S.



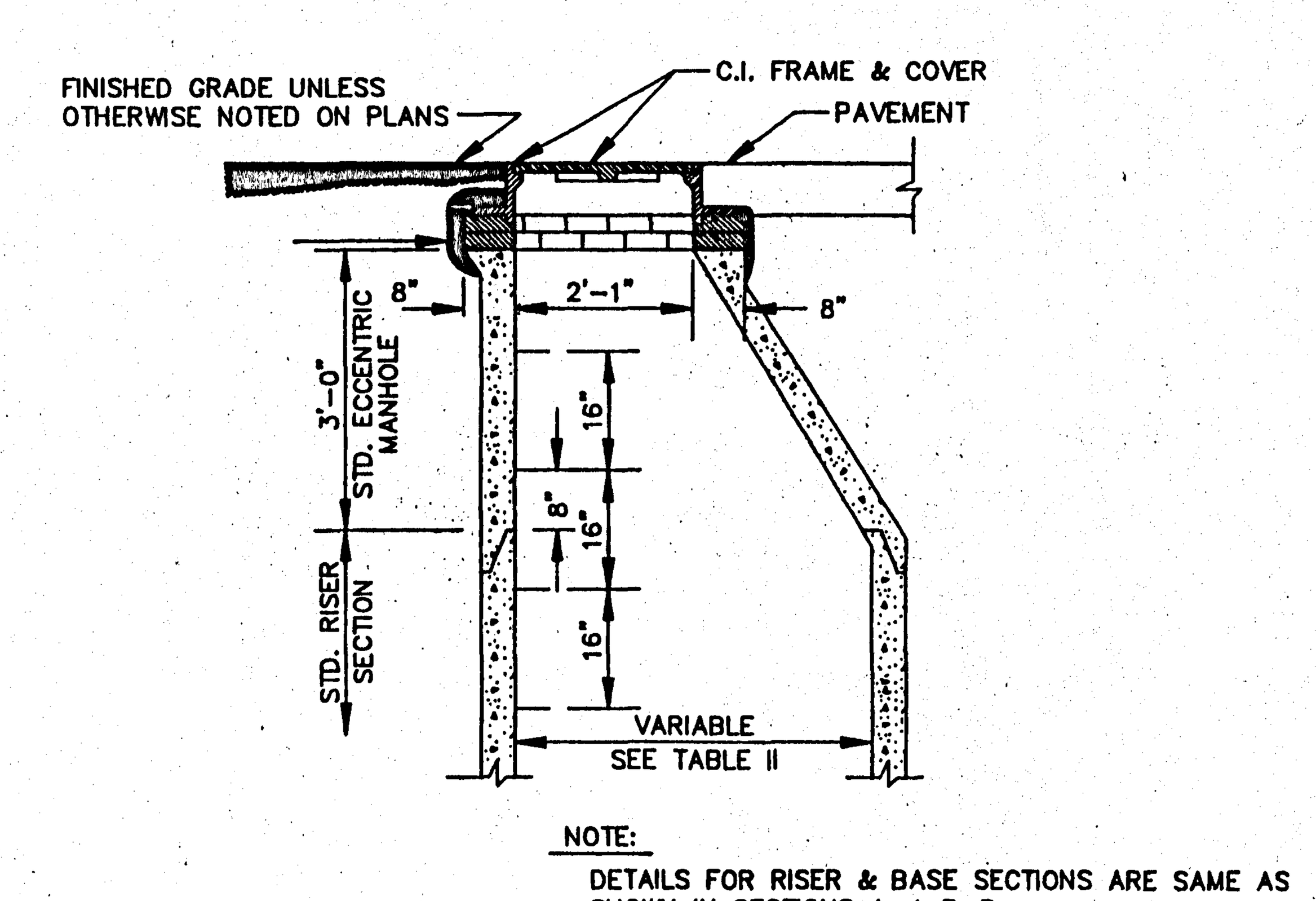
SECTION B-B

N.T.S.



TYPICAL PRECAST CONCRETE MANHOLE JOINT DETAIL

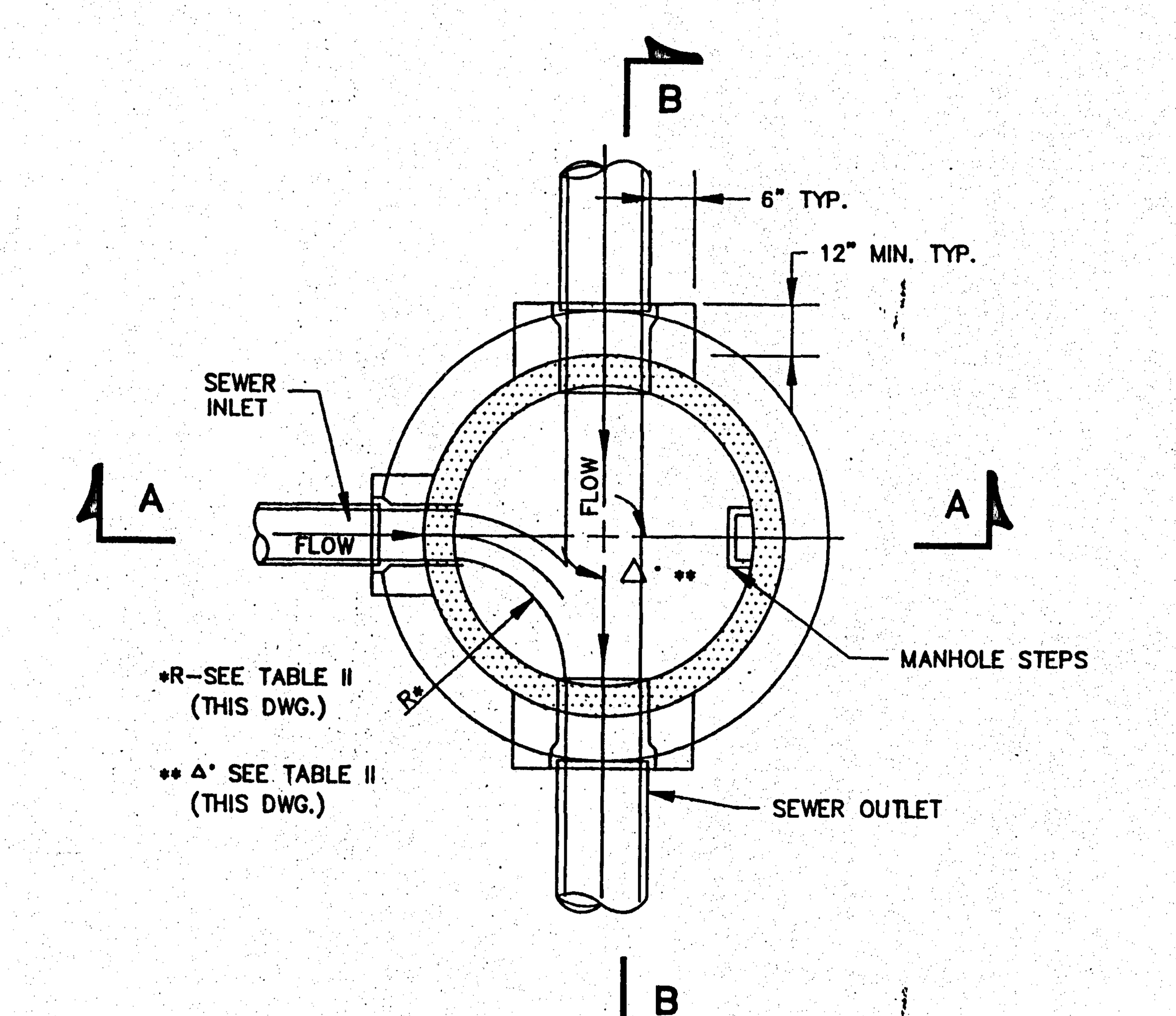
N.T.S.



NOTE:
DETAILS FOR RISER & BASE SECTIONS ARE SAME AS SHOWN IN SECTIONS A-A B-B.

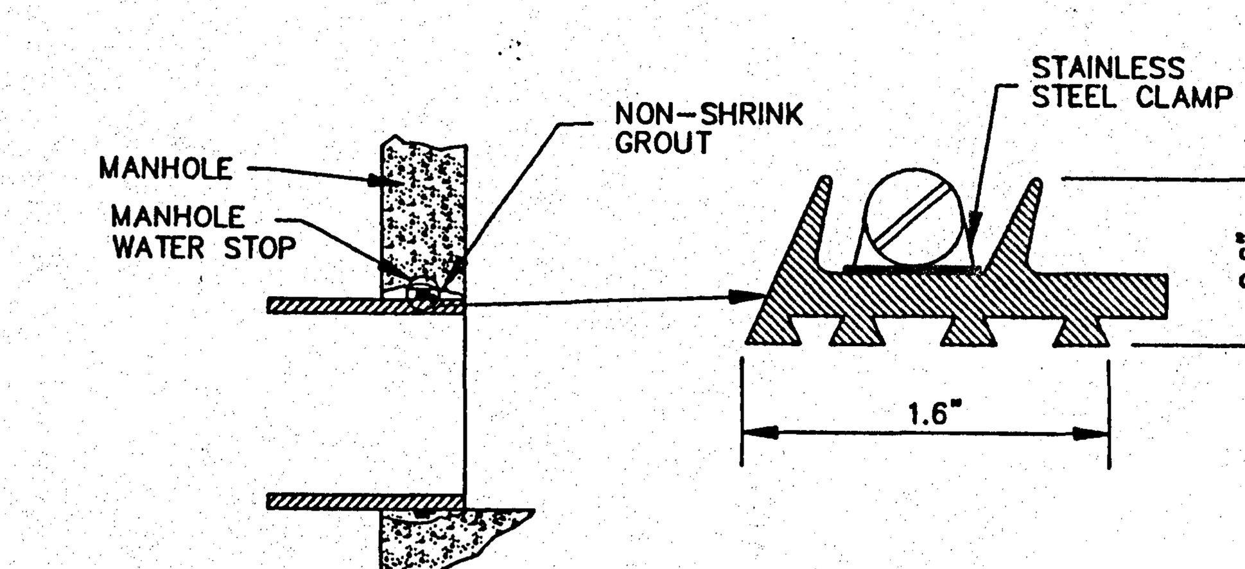
STANDARD ECCENTRIC CONE FOR ALL DIAMETER MANHOLES

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	
DSGN:	DRAWING NO.
DRWN:	
CHKD:	OF
SCALE:	

THE CITY OF RIDGELAND