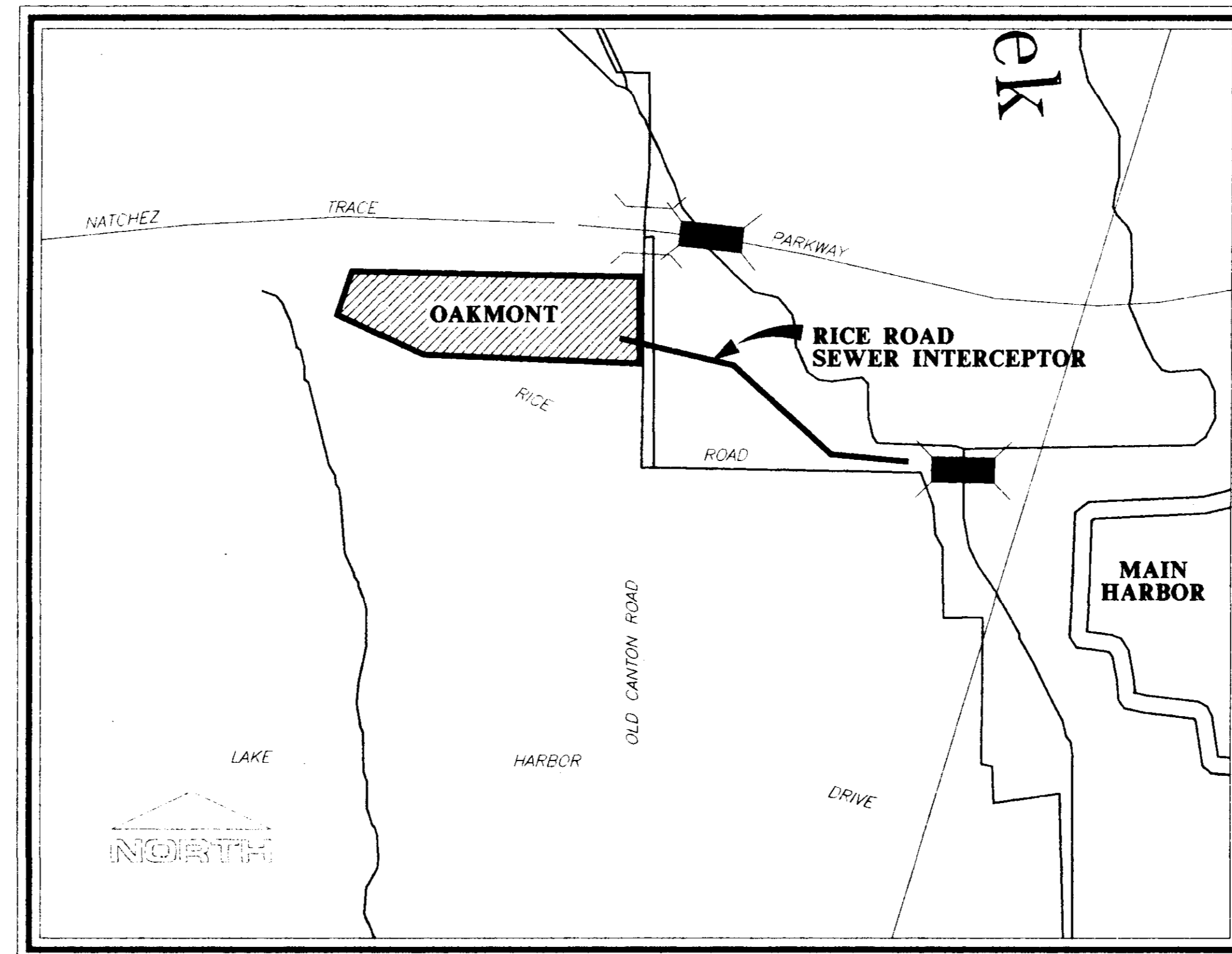
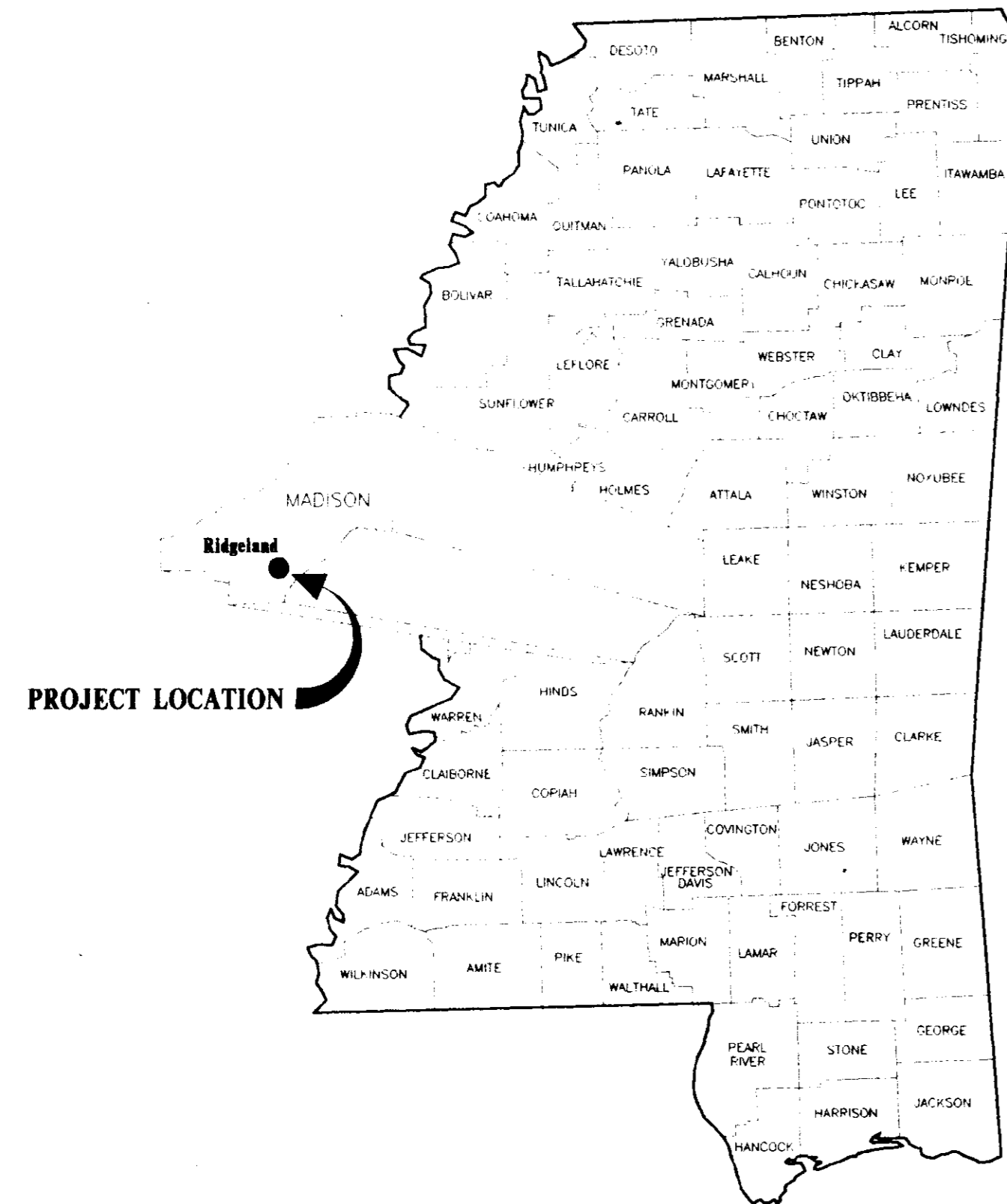
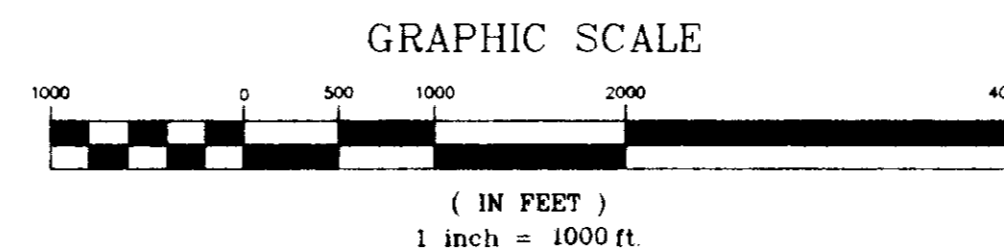


CONSTRUCTION PLANS FOR OAKMONT, PART ONE-A CITY OF RIDGELAND, MISSISSIPPI AND RICE ROAD SEWER INTERCEPTOR

A DEVELOPMENT OF
EDWARDS HOMES, INC.



VICINITY MAP



PREPARED BY:

STERLING
Consultants
INCORPORATED

PIP 01515








SET NO. 15

REVISION	BY	DATE

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIDGELAND STANDARD SPECIFICATIONS.
2. CONTRACTOR SHALL CONTROL EROSION AT ALL TIMES DURING CONSTRUCTION SO THAT NO SEDIMENT ACCUMULATES ON PAVED AREAS.
3. CONTRACTOR SHALL COORDINATE AND SCHEDULE CONNECTION INTO CITY OF RIDGELAND UTILITIES WITH THE PUBLIC WORKS DEPARTMENT PRIOR TO ANY WORK.
4. CONTRACTOR SHALL CONTACT ENMARK ENERGY, INC. ((601) 352-3340) BEFORE EXCAVATING NEAR GAS PIPELINE. A REPRESENTATIVE FROM ENMARK SHALL BE PRESENT AT THE TIME OF INSTALLATION OF SEWER ACROSS THE PIPELINE.

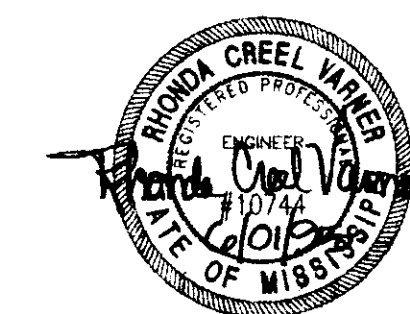
LEGEND

-----	PROPERTY LINE
-----	LOT LINE
-----	RIGHT OF WAY LINE
-----	EASEMENT
-----	SETBACK LINE
-----	CENTER LINE
=====	EDGE OF PAVEMENT
=====	BACK OF CURB
.....	EXISTING CONTOUR
=====  =====	PROPOSED SANITARY SEWER & MANHOLE
=====  =====	PROPOSED STORM SEWER & CATCH BASIN
-----	SANITARY SEWER
-----	WATER LINE
	PROPOSED WATER VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED TEE
	PROPOSED BUILDING
	DRAINAGE SWALE

INDEX TO DRAWINGS

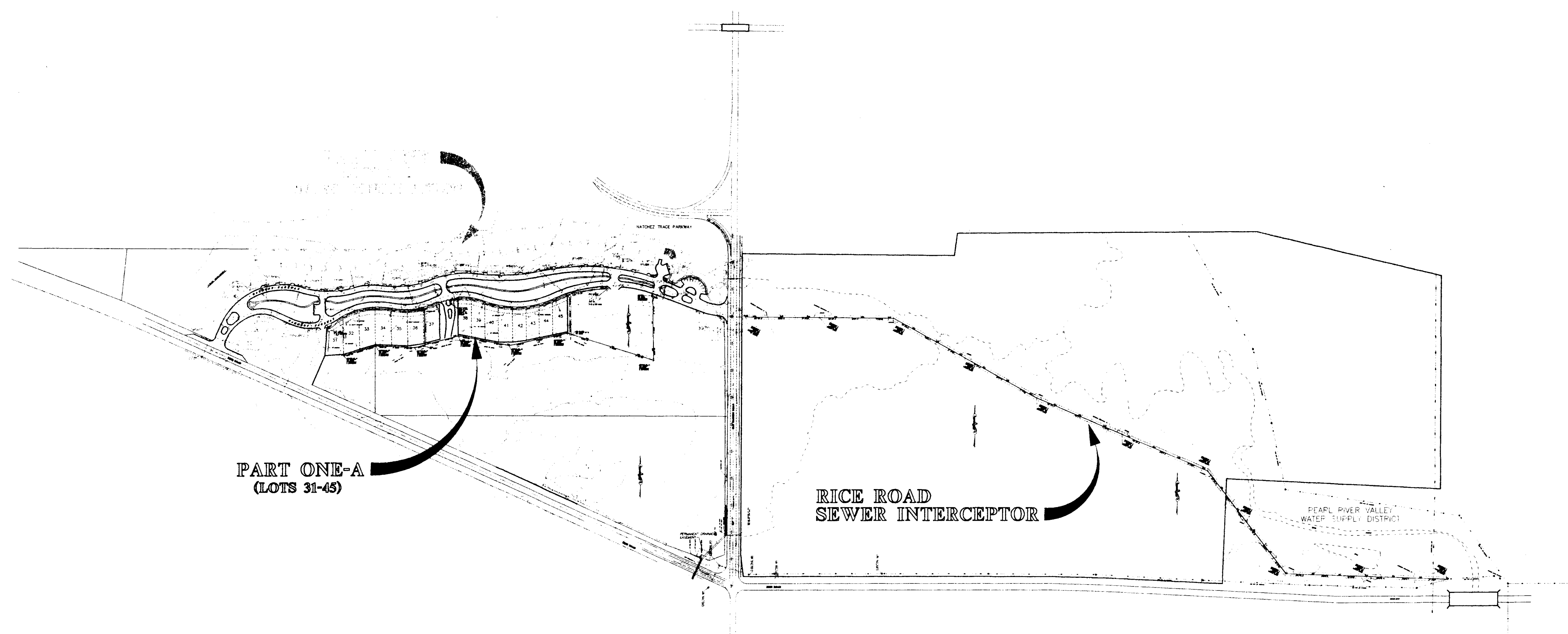
<u>SHEET</u>	<u>TITLE</u>
1	COVER SHEET
2	GENERAL NOTES, LEGEND & INDEX TO DRAWINGS
3	SITE PLAN
4	LOT LAYOUT
5	WATER & SEWER LAYOUT
6	STORM DRAINAGE & EROSION CONTROL LAYOUT
7	PLAN & PROFILE - SANITARY SEWER STA. 0+00 - STA. 14+25.79
8	PLAN & PROFILE - RICE ROAD SEWER INTERCEPTOR STA. 0+00 - STA. 14+50
9	PLAN & PROFILE - RICE ROAD SEWER INTERCEPTOR STA. 14+50 - STA. 29+34.04
10	STANDARD DETAILS
11	STANDARD DETAILS
12	STANDARD DETAILS
13	STANDARD DETAILS
14	STANDARD DETAILS

C:\ADAMONT\0AK1A-WF Thu Jun 1 11:32:51 1995 P. David Bates - Sterling Consultants, Inc.



OAKMONT PART ONE-A EDWARDS HOMES, INC. OWNER & DEVELOPER	
GENERAL NOTES, LEGEND & INDEX TO DRAWINGS	
CITY OF RIDGELAND MADISON COUNTY, MISSISSIPPI	
DESIGN: RCV DATE: 07/10/95	DRAWING NO. 2 OF 14
DRAWN: RDB DATE: 07/10/95	
CHECK: DATE:	
SCALE: AS SHOWN	

REVISION	BY	DATE

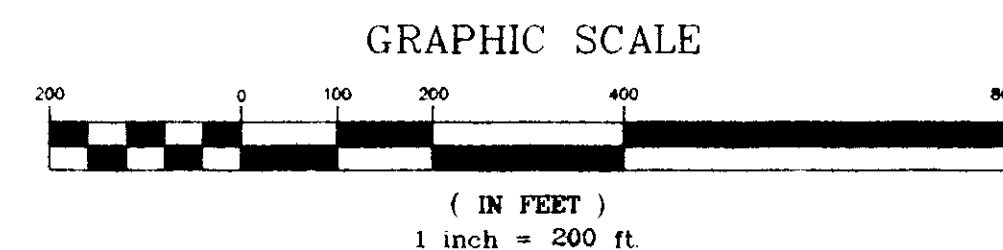
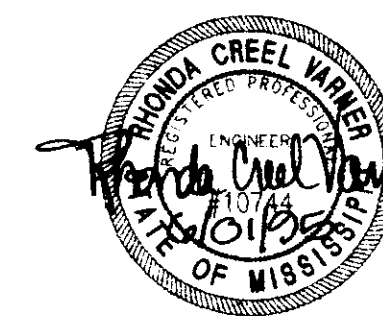


**PART ONE-A
(LOTS 31-45)**

**RICE ROAD
SEWER INTERCEPTOR**

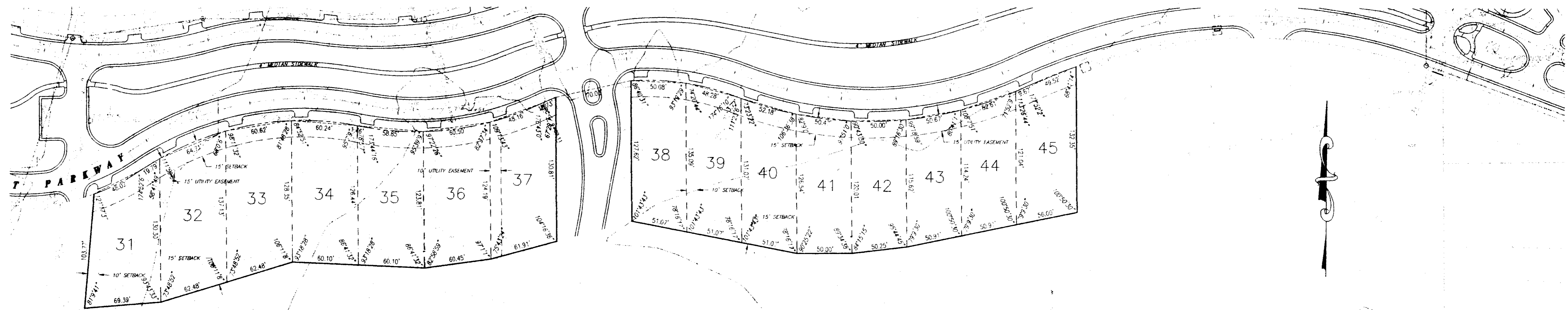
NOTE:

WORK TO BE COMPLETED AS SHOWN HERE IN THESE CONSTRUCTION PLANS INCLUDES THE CONSTRUCTION OF WATER, SANITARY SEWER AND STORM DRAINAGE IMPROVEMENTS FOR LOTS 31-45, OAKMONT PART ONE-A, AND THE CONSTRUCTION OF A SANITARY SEWER INTERCEPTOR BETWEEN PROJECT PERIMETER NEAR OLD CANTON ROAD AND AN EXISTING SEWER OUTFALL ADJACENT TO RICE ROAD EAST OF PROJECT SITE.



OAKMONT PART ONE-A EDWARDS HOMES, INC. OWNER AND DEVELOPER									
SITE PLAN									
CITY OF RIDGELAND MADISON COUNTY, MISSISSIPPI									
<table border="1"> <tr> <td>DESIGN: RCV</td> <td>DATE: 05/18/75</td> </tr> <tr> <td>DRWN: RDP</td> <td>DATE: 05/18/75</td> </tr> <tr> <td>CHKD:</td> <td>DATE:</td> </tr> <tr> <td>SCALE: 1"=200'</td> <td></td> </tr> </table>	DESIGN: RCV	DATE: 05/18/75	DRWN: RDP	DATE: 05/18/75	CHKD:	DATE:	SCALE: 1"=200'		
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DRWN: RDP	DATE: 05/18/75								
CHKD:	DATE:								
SCALE: 1"=200'									
DRAWING NO. 3 of 14									

REVISION	BY	DATE



STREETS & LOT

NOTES:

1. ALL STREETS, DRIVEWAY APRONS AND MEDIAN SIDEWALKS ARE TO BE CONSTRUCTED UNDER A PREVIOUS PROJECT, NOT PART OF THIS PROJECT.
2. SIDEWALKS (OTHER THAN MEDIAN SIDEWALKS) SHALL BE CONSTRUCTED BY THE BUILDER OF THE ORIGINAL DWELLING ON EACH LOT AFTER ALL UTILITY SERVICES ARE INSTALLED TO THE DWELLING AND THE HOUSE SITE HAS BEEN GRADED AND SHAPED TO ITS FINISHED TOPOGRAPHY. NOT PART OF THIS PROJECT.

STREETS & LOT

MATERIAL REQUIREMENTS

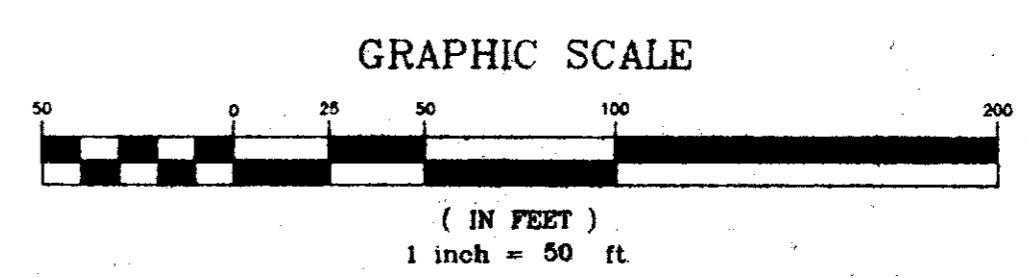
1. CONCRETE FOR CURB AND GUTTER SHALL BE 3,000 PSI MINIMUM.
2. HOT BITUMINOUS PAVEMENT BASE COURSE MIXTURES AND MATERIALS SHALL MEET SPECIFICATION BB-1 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
3. HOT BITUMINOUS PAVEMENT SURFACE COURSE MIXTURES AND MATERIALS SHALL MEET SPECIFICATION SC-1 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.



OAKMONT PART ONE-A
EDWARDS HOMES, INC.
OWNER AND DEVELOPER

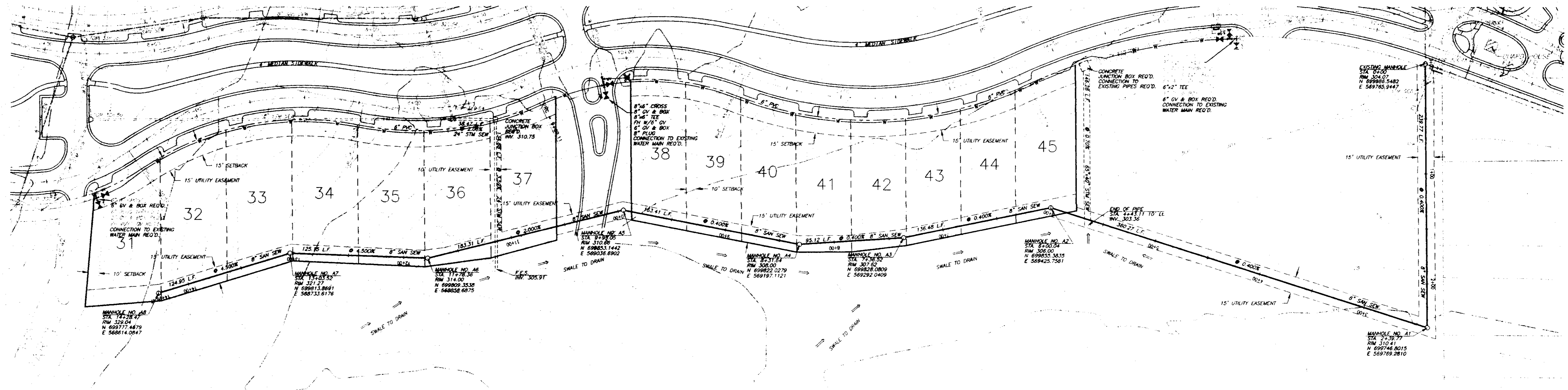
LOT LAYOUT

CITY OF RIDGELAND
MADISON COUNTY, MISSISSIPPI



DESIGN: RGV	DATE: 01/20/75	STERLING Consultants	DRAWING NO. 4 of 14
DRAWN: RDD	DATE: 01/21/75		
CHECK:	DATE:		
SCALE:	1"=50'		

REVISION	BY	DATE
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WATER & SEWER

NOTES

- ALL WATER AND SANITARY SEWER CONSTRUCTION TO BE IN ACCORDANCE WITH THE CITY OF RIDGELAND STANDARD SPECIFICATIONS.
- WHERE A SANITARY SEWER MAIN OR SERVICE LINE CROSSES ABOVE A WATER MAIN OR WITHIN 18 INCHES BELOW A WATER MAIN, OR WITHIN 10 FEET ON EITHER SIDE OF A WATER MAIN THE SEWER MAIN OR SERVICE LINE SHALL BE CONSTRUCTED OF DUCTILE IRON.
- SEWER SERVICE LINES SHALL BE 6".
- WATER SERVICE LINES SHALL BE 1".
- SERVICES FOR WATER AND SEWER SHALL BE LOCATED NEAR THE CENTER OF ALL LOTS WITH 10 FOOT SEPARATION.
- BACKFILL OF ALL TRENCHES UNDER EXISTING OR PROPOSED PAVEMENTS AND CURB AND GUTTER SHALL BE MECHANICALLY COMPACTED IN 9" MAXIMUM LOOSE LIFTS TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY.
- SANITARY SEWER PIPE TO BE LOCATED UNDERNEATH STORM DRAINAGE PIPE SHALL BE DUCTILE IRON EXTENDING AT LEAST 5 FEET BEYOND EACH SIDE OF CONCRETE PIPE.
- DEFLECTION TEST SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. DEFLECTION TEST SHALL BE RUN USING A RIGID BALL OR MANDREL HAVING A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
- WATER MAINS SHALL BE INSTALLED WITH 4' MINIMUM COVER UNDER ROADWAY SECTIONS AND 3' MINIMUM COVER ELSEWHERE.
- CONTRACTOR SHALL MAINTAIN RECORDS DURING CONSTRUCTION OF HORIZONTAL AND VERTICAL LOCATION OF ALL WATER AND SEWER SERVICES FOR AS BUILT RECORDS.

WATER

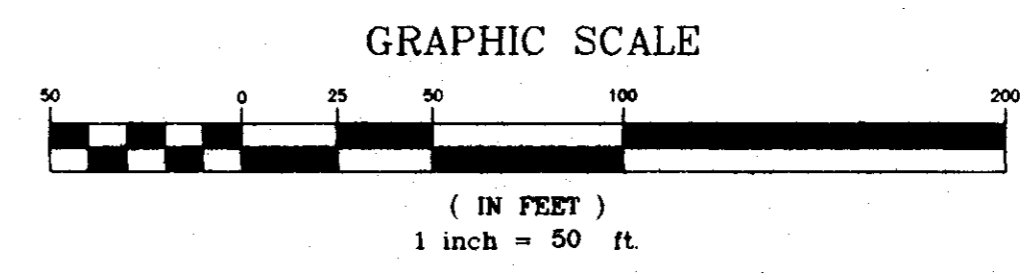
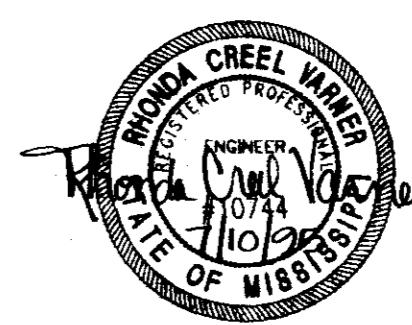
MATERIAL REQUIREMENTS

- MAIN - PVC SDR 21 PRESSURE RATING 200-ASTM D2241 & D3139
- JOINTS - RUBBER GASKET ANSI/AWWA STANDARDS.
- FITTINGS - DUCTILE IRON, COMPACT FITTINGS MECHANICAL JOINT - ANSI/AWWA C153/A21.53-88.
- VALVES - DUCTILE IRON METROSEAL 250 RESILIENT SEATED GATE VALVES - AWWA C509.
- VALVE BOXES - CAST IRON, 3 PIECE ADJUSTABLE STAMPED W/ "WATER".
- SERVICE LINE - 1" MINIMUM, TYPE K COPPER, ASTM B88; POLYETHYLENE (PE), AWWA C901; OR POLYBUTYLENE (PB), AWWA C902.
- SVC SADDLE - MUELLER, OR APPROVED EQUAL.
- CORP. STOPS - MUELLER, OR APPROVED EQUAL.
- CURB STOPS - MUELLER, OR APPROVED EQUAL.
- METER BOX - CAST IRON METER BOX W/FLIP TOP READING COVER.

SANITARY SEWER

MATERIAL REQUIREMENTS

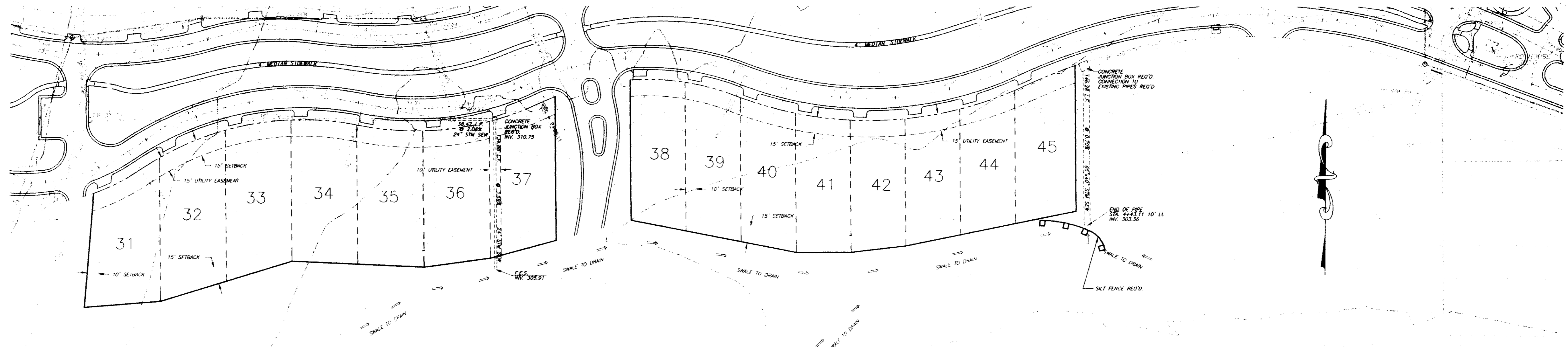
- MAIN & SERVICE - PVC, SDR-26, ASTM D-3034 OR DUCTILE IRON, PROTECTO 401 CERAMIC EPOXY LINED.
- JOINTS - SLIP ON W/LOCKED-IN RUBBER GASKET, ASTM F-477.
- MANHOLES - PRE CAST CONCRETE, ASTM C-478. COAL TAR EPOXY COATING. REQUIRED ON INTERIOR AND EXTERIOR OF MANHOLE SECTIONS.
- MANHOLE STEPS - COPOLYMER POLYPROPYLENE PLASTIC, STEEL REINFORCED, M.A. INDUSTRIES PS1-PF STYLE OR EQUAL.
- PIPE BOOTS - KOR-N-SEAL MOLDED RUBBER CONNECTORS, OR EQUAL.
- FRAME & COVER - CAST IRON, ASTM A-78 OR EQUAL.



OAKMONT PART ONE-A EDWARDS HOMES, INC. OWNER AND DEVELOPER	
WATER & SEWER LAYOUT	
CITY OF RIDGELAND MADISON COUNTY, MISSISSIPPI	
DESIGNED BY: RCV DRAWN BY: RDP CHECKED BY: [blank] SCALE: 1"=50'	DATE: 07/10/15 DATE: 07/10/15 DATE: [blank] DATE: [blank]
	DRAWING NO. 5 of 14

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REVISION	BY	DATE



STORM DRAINAGE

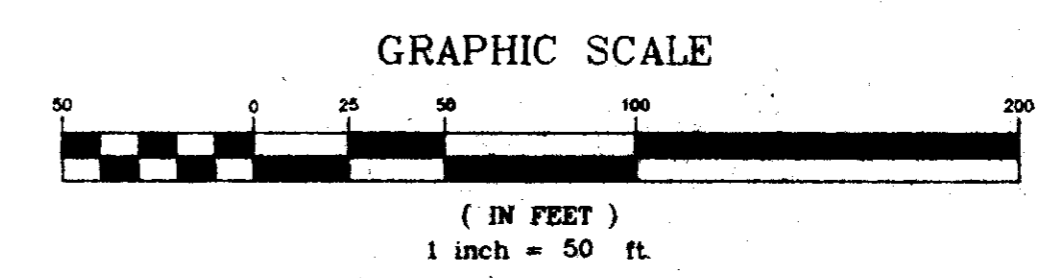
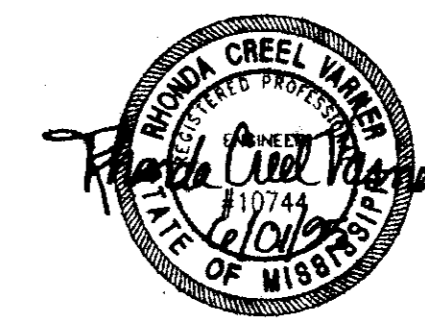
NOTES

1. AREA TO BE DISTURBED BY CONSTRUCTION OF THIS PROJECT IS 4.0 ACRES TOTAL.
2. SILT FENCING SHALL BE PREFABRICATED STRUCTURES CONSISTING OF 2' MINIMUM WIDTH FABRIC WITH 3' WOOD POST. FENCING SHALL BE PLACED CONCAVE TO FLOW APPROXIMATELY 20' EITHER UPSTREAM OR DOWNSTREAM FROM DRAINAGE STRUCTURES IN THE LOCATIONS SHOWN.
3. CONTRACTOR SHALL CONTROL EROSION AT ALL TIMES DURING CONSTRUCTION. ANY SEDIMENT ACCUMULATED ON PAVEMENT FOLLOWING RAINFALL SHALL BE CLEARED IMMEDIATELY.
4. ALL STORM DRAINAGE PIPE AND JUNCTION BOXES SHALL BE FLUSHED AND CLEARED OF ANY CONSTRUCTION MATERIALS AND/OR SEDIMENT UPON PROJECT COMPLETION.
5. CONCRETE JUNCTION BOXES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION STANDARD DETAILS AND SHALL MEET THE APPLICABLE SPECIFICATIONS FOR MATERIALS AND CONSTRUCTION METHODS IN THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, LATEST EDITION.

STORM DRAINAGE

MATERIAL REQUIREMENTS

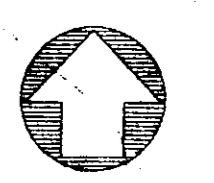
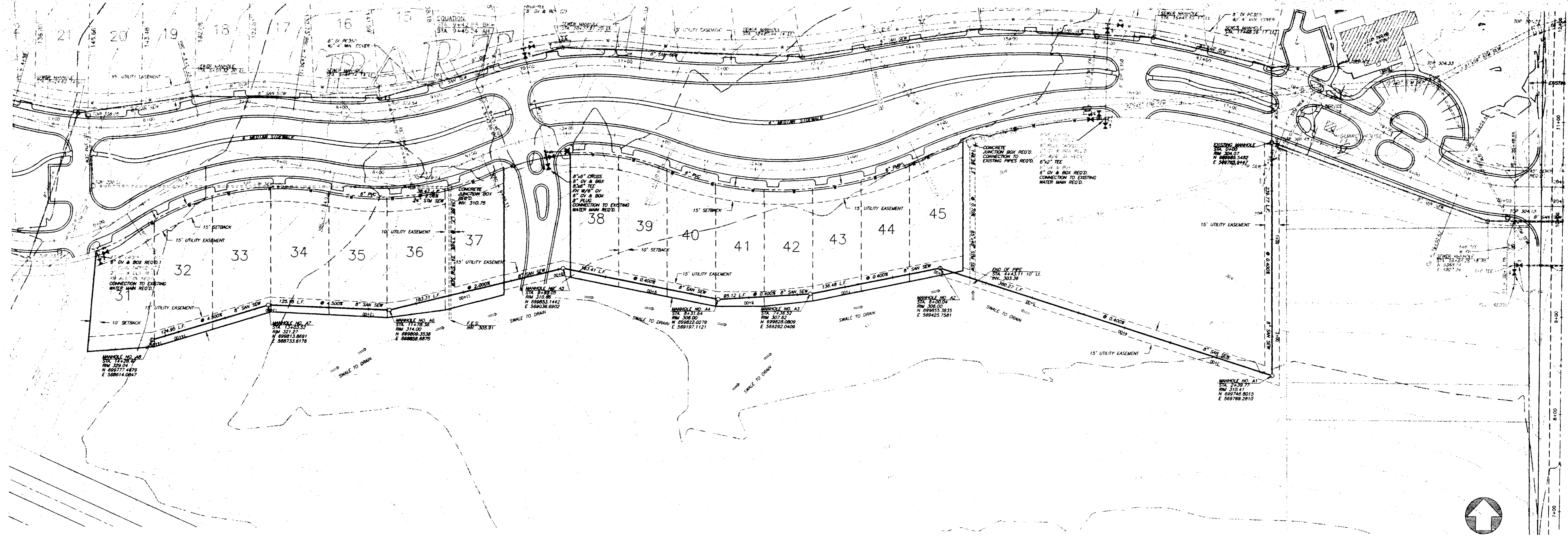
1. PIPE - REINFORCED CONCRETE PIPE, ROUND ASTM C-76 OR ARCH, ASTM C-506.
2. JOINTS - O-RING RUBBER GASKETS, BITUMINOUS PLASTIC CEMENT OR PRE FORMED JOINT COMPOUND.
3. INLETS AND JUNCTION BOXES - PRE CAST CONCRETE, ASTM C-478 OR CONCRETE BLOCK WITH 1/2" CEMENT GROUT, BRUSHED FINISHED WALLS INSIDE AND OUT.
4. INLET CASTINGS - C.L. DEWS & SONS FOUNDRY DF-2450 OR EQUAL.



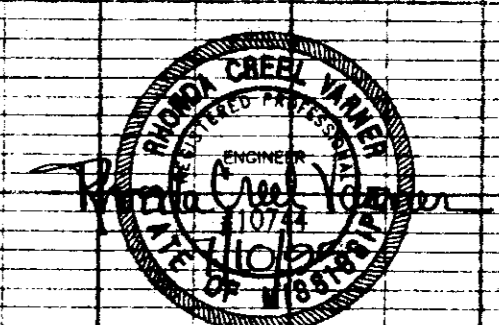
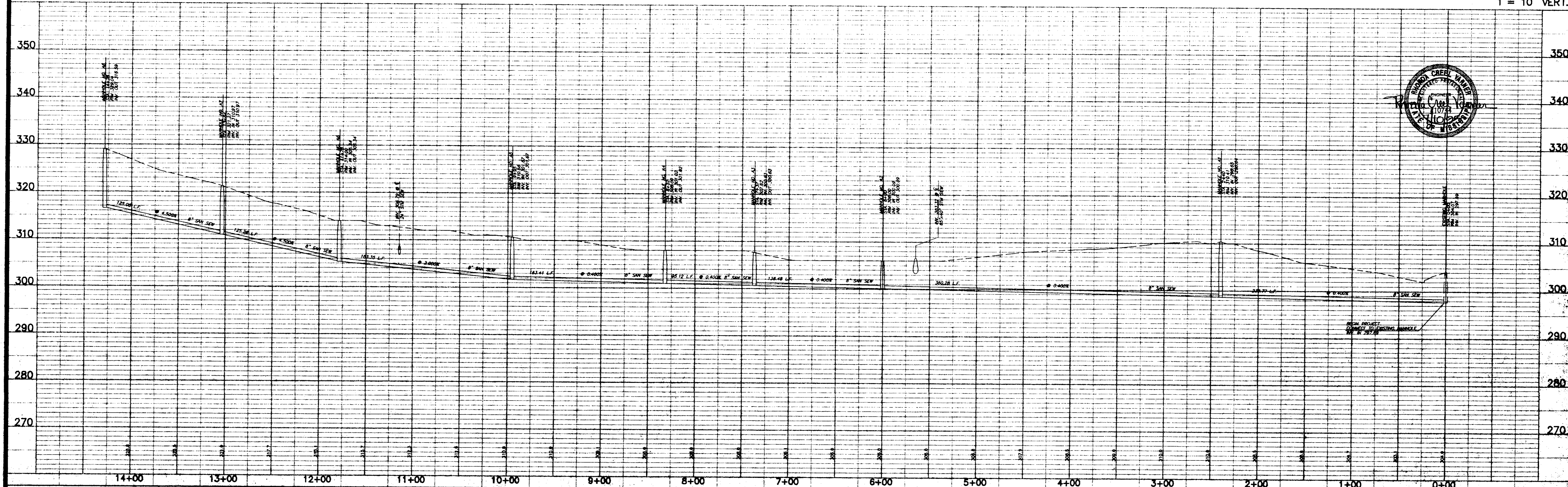
OAKMONT PART ONE-A EDWARDS HOMES, INC. OWNER AND DEVELOPER			
STORM DRAINAGE & EROSION CONTROL LAYOUT			
CITY OF RIDGELAND MADISON COUNTY, MISSISSIPPI			
DESIGN: RCV	DATE: 01/20/18	STERLING Consultants	6 - 14
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SCALE: 1"=50'			

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REVISION	BY	DATE



SCALE 1"=50' HORIZ.
1"= 10' VERT.



OAKMONT PART ONE-A
AND
RICE ROAD SEWER INTERCEPTOR

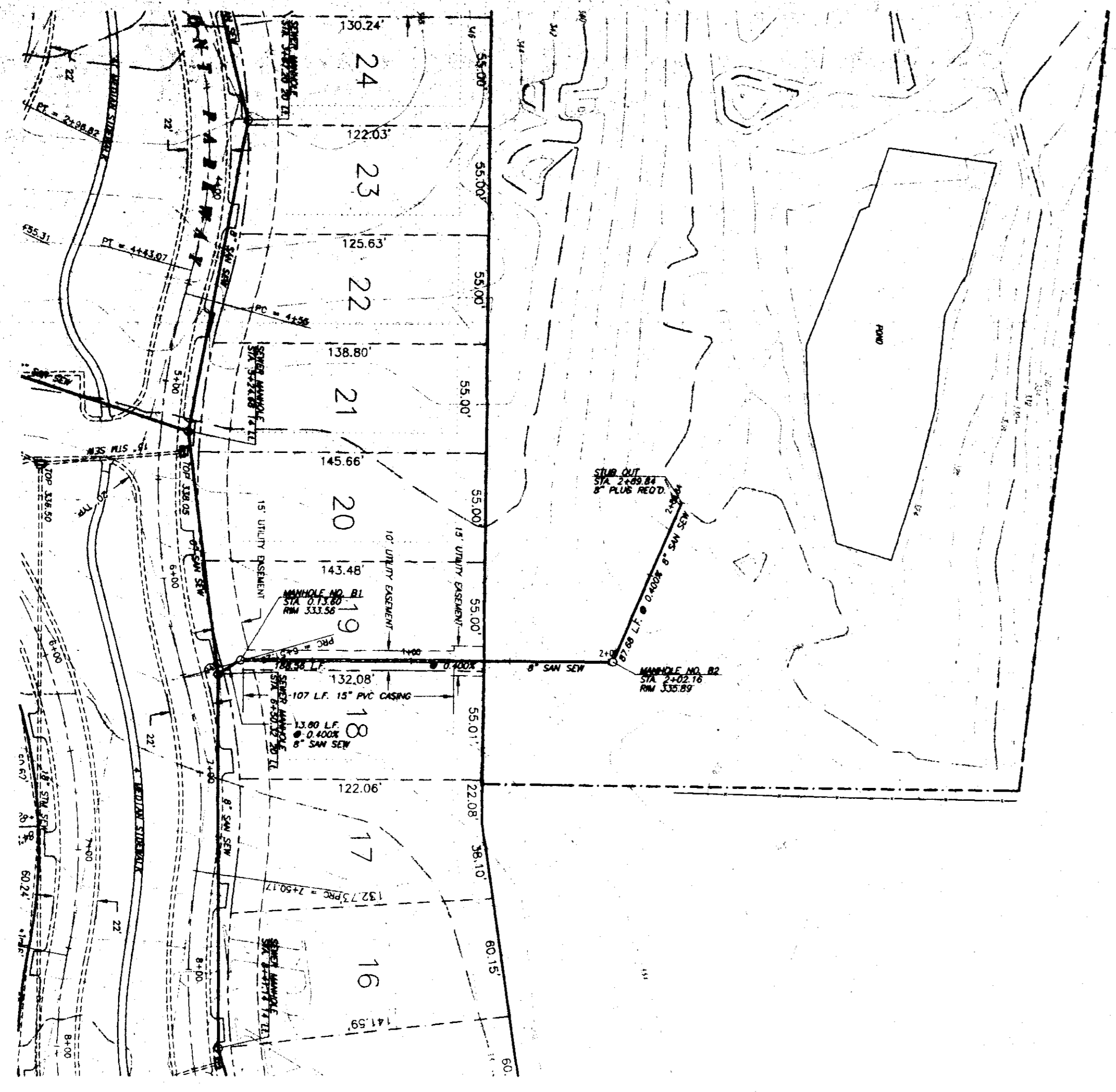
PLAN AND PROFILE - SANITARY SEWER
STA. 0+00 - STA. 14+28.47

Prepared For:
EDWARDS HOMES, INC.
OWNER AND DEVELOPER

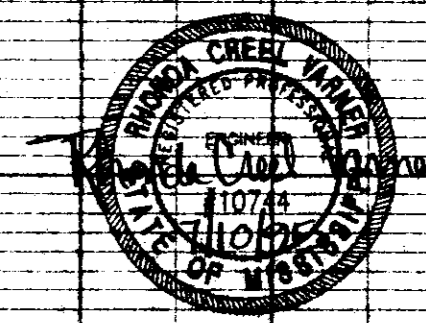
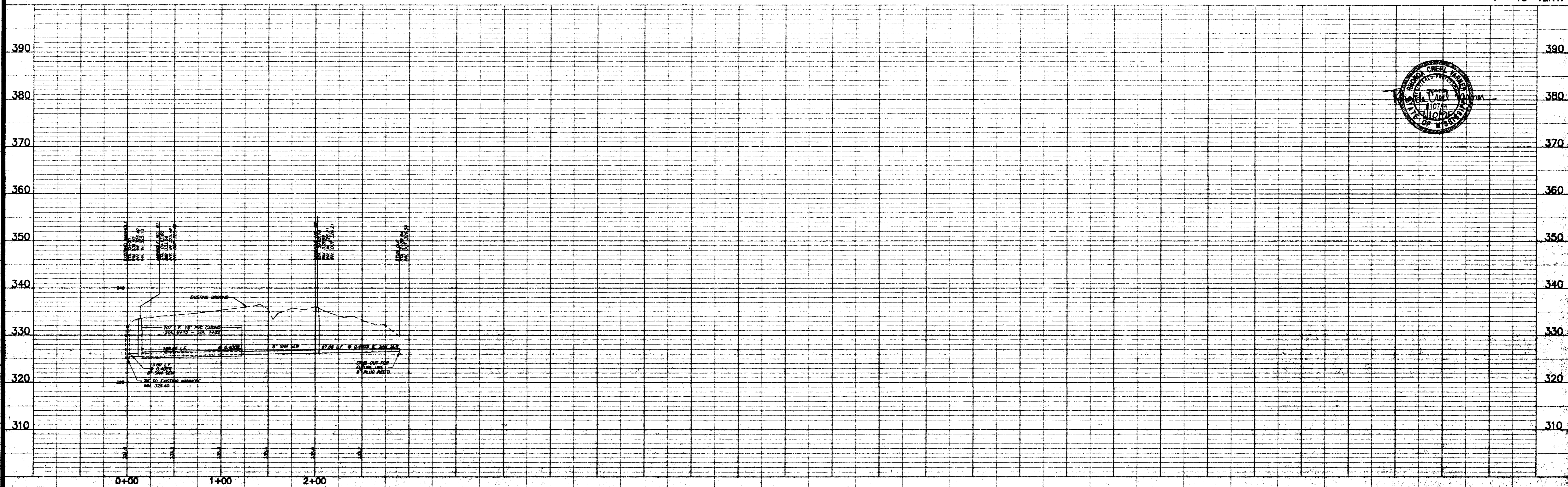
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Drawing No.
7 of 14

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SCALE 1"=50' HORIZ.
1"= 10' VERT.



OAKMONT PART ONE-A
AND
RICE ROAD SEWER INTERCEPTOR

PLAN AND PROFILE - SANITARY SEWER
STA. 0+00 - STA. 2+89.84

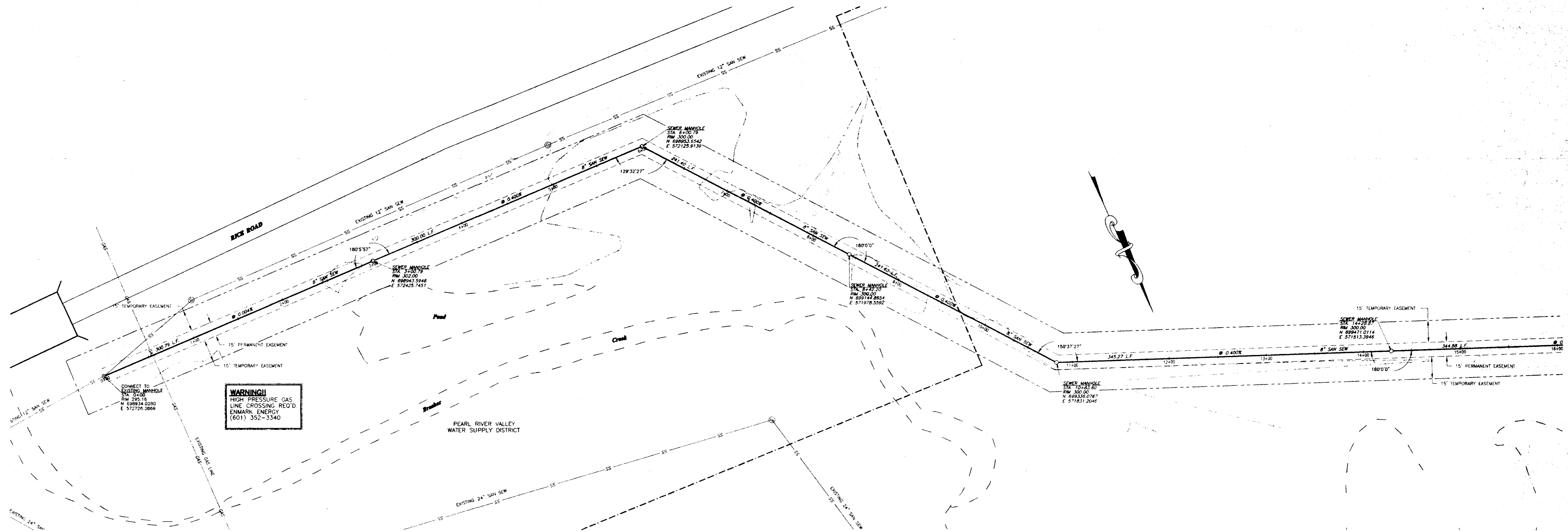
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EDWARDS HOMES, INC.
OWNER AND DEVELOPER

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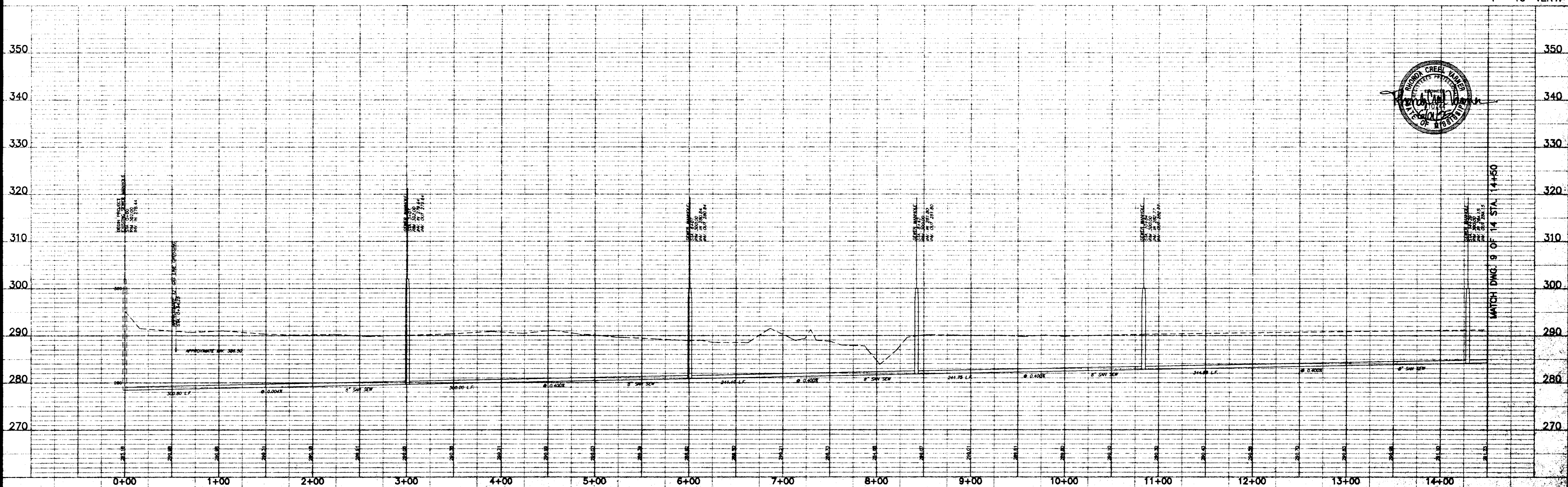
Drawing No.
7a of 14

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WARNING!
 HIGH PRESSURE GAS
 LINE CROSSING R.O.D.
 ENMARK ENERGY
 (601) 352-3340

SCALE 1"=50' HORIZ.
 1"= 10' VERT.



OAKMONT PART ONE-A
 AND
 RICE ROAD SEWER INTERCEPTOR

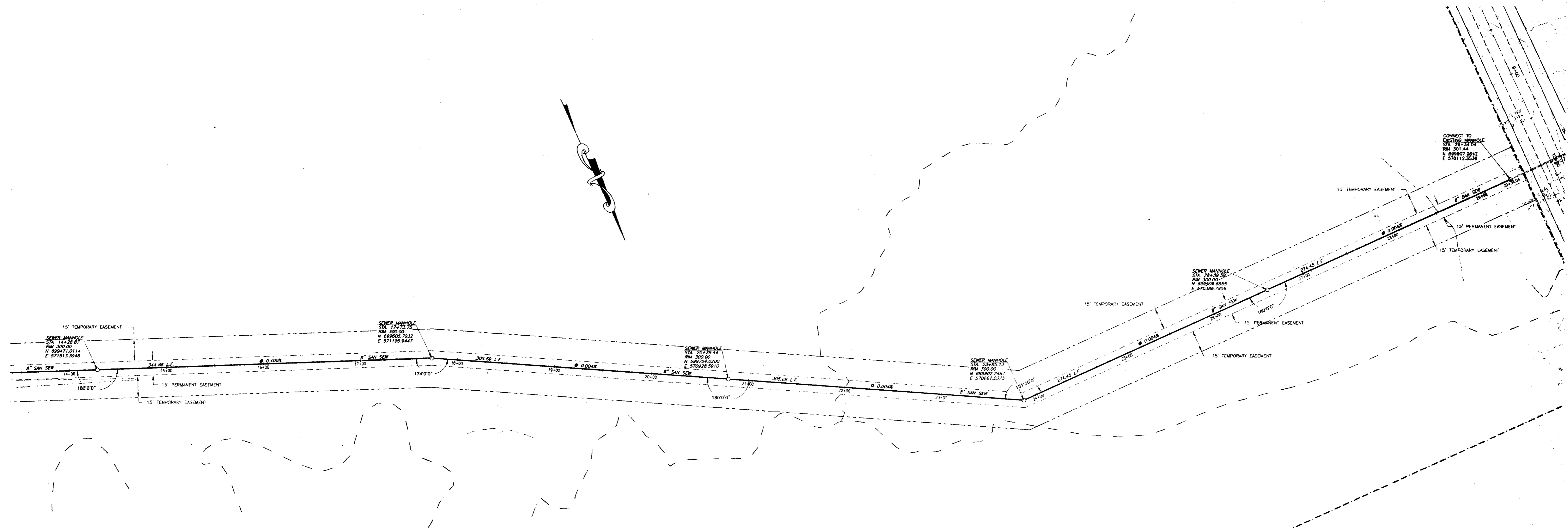
PLAN AND PROFILE - RICE ROAD SEWER INTERCEPTOR
 STA. 0+00 - STA. 14+50

Prepared For:
 EDWARDS HOMES, INC.
 OWNER AND DEVELOPER

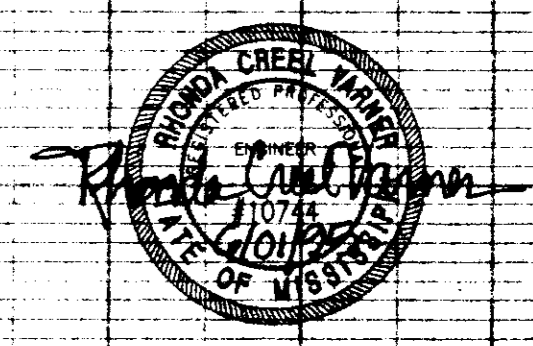
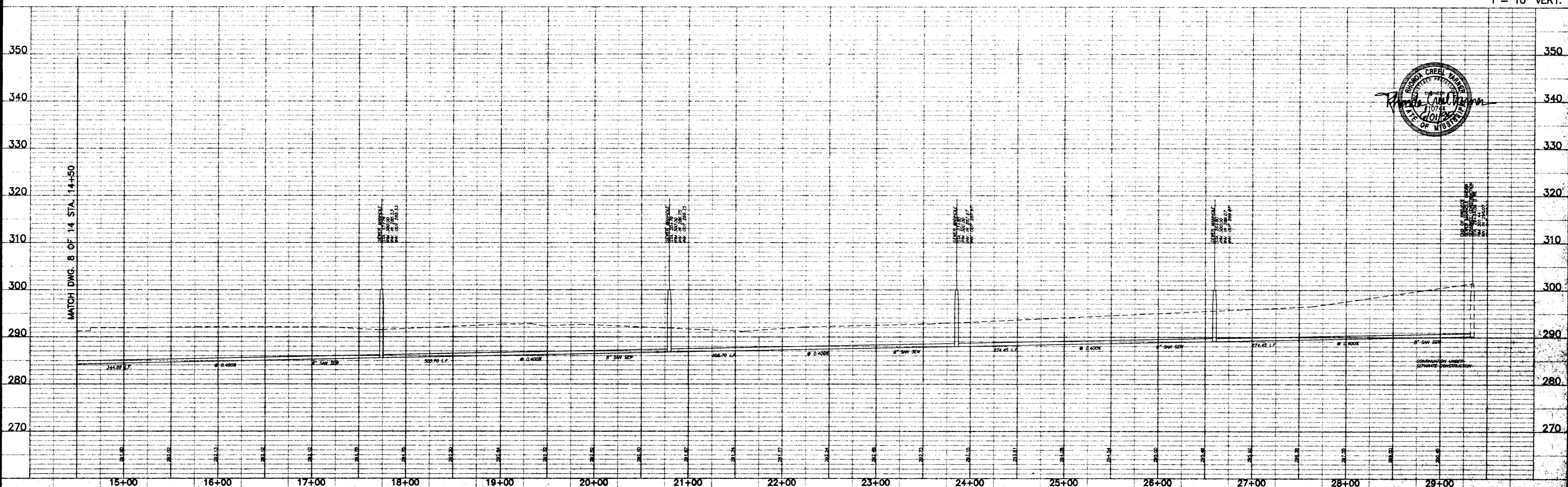
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STERLING
 CONSULTANTS
 Drawing No. 8 of 14

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SCALE 1"=50' HORIZ.
1"= 10' VERT.



OAKMONT PART ONE-A
AND
RICE ROAD SEWER INTERCEPTOR

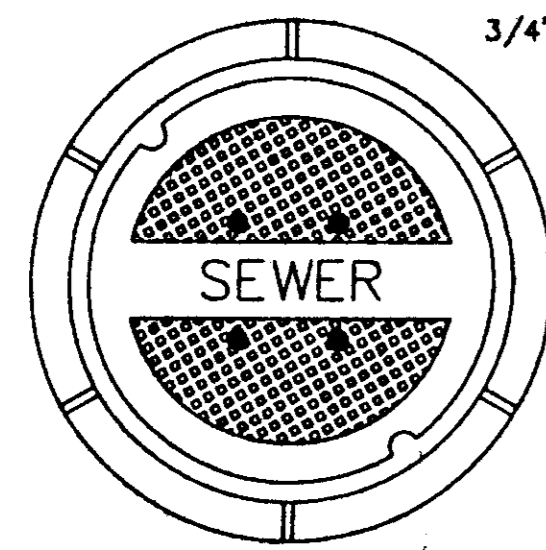
PLAN AND PROFILE - RICE ROAD SEWER INTERCEPTOR
STA. 14+50 - STA. 29+34.04

Prepared For:
EDWARDS HOMES, INC.
OWNER AND DEVELOPER

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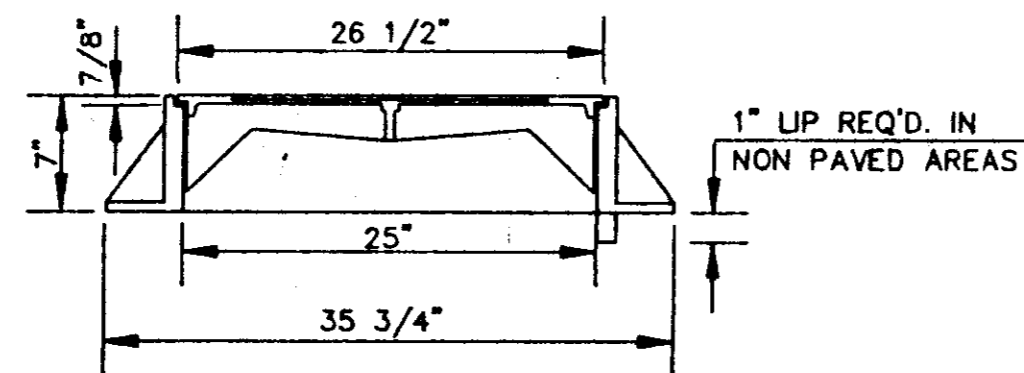
STERLING
Consultants
Drawing No. 9 of 14

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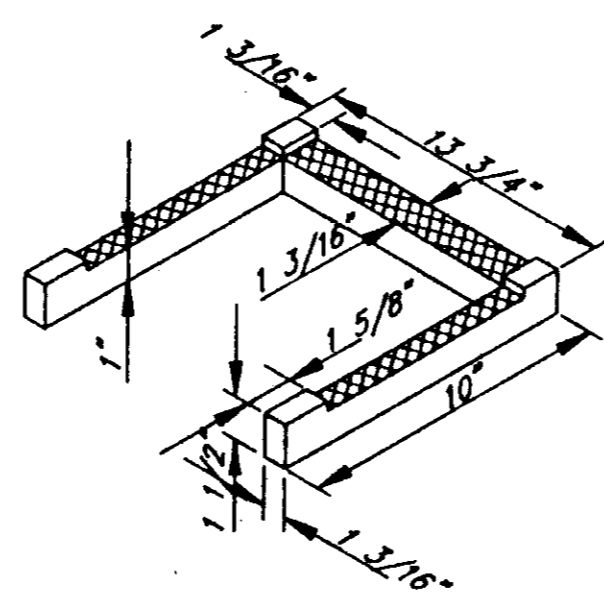


TOP PLAN OF COVER

FRAME & COVER WEIGHT 420 LBS.



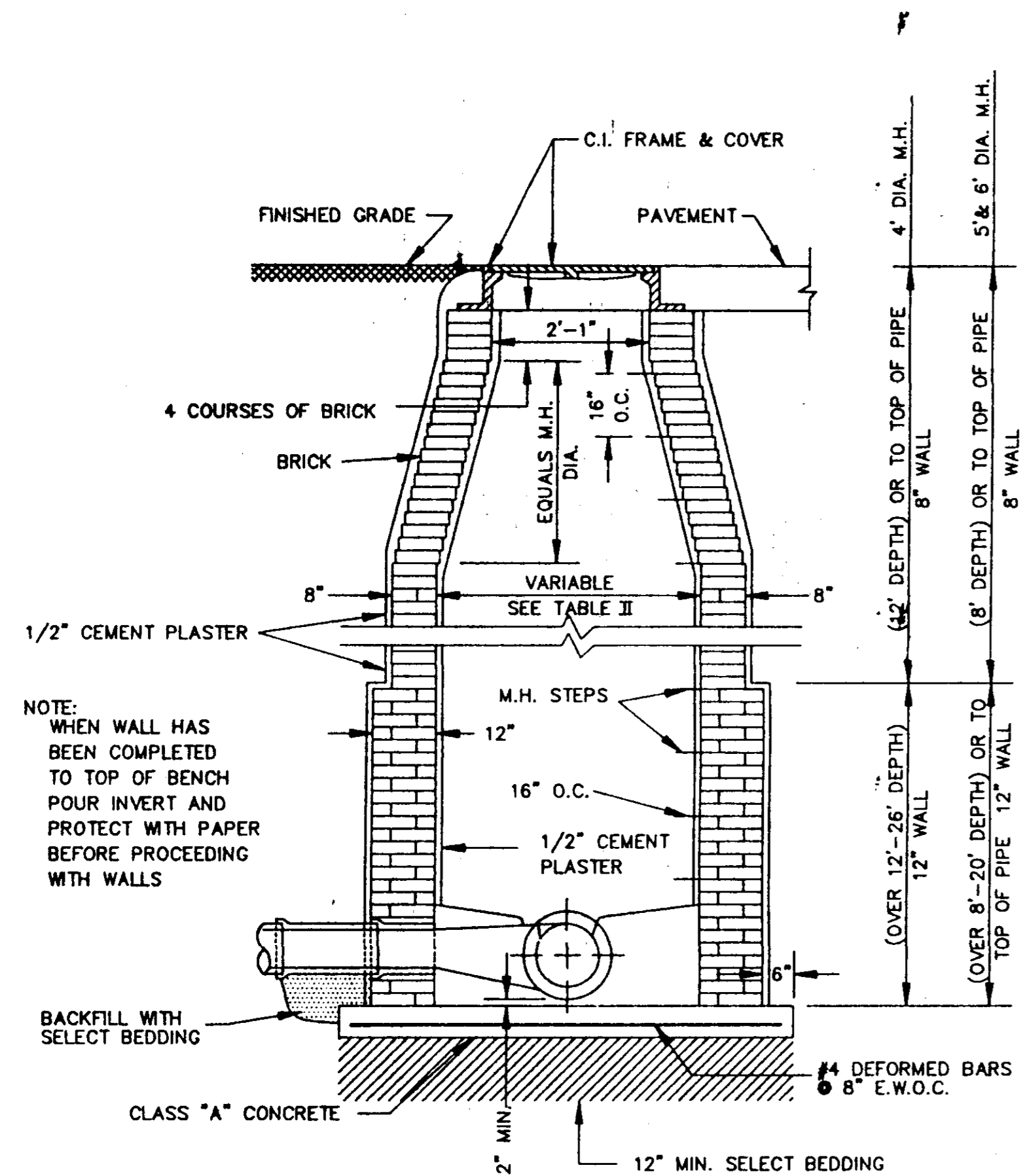
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DETAIL 'B'

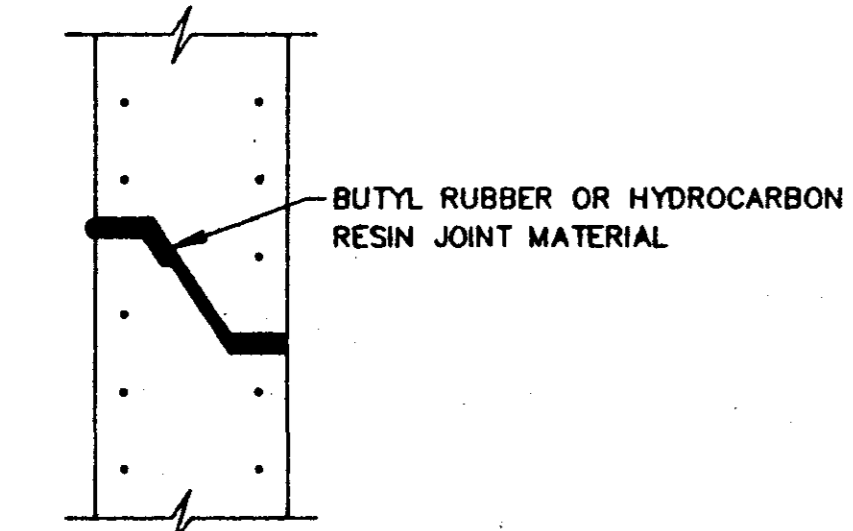
STANDARD MANHOLE FRAME AND COVER

N.T.S.



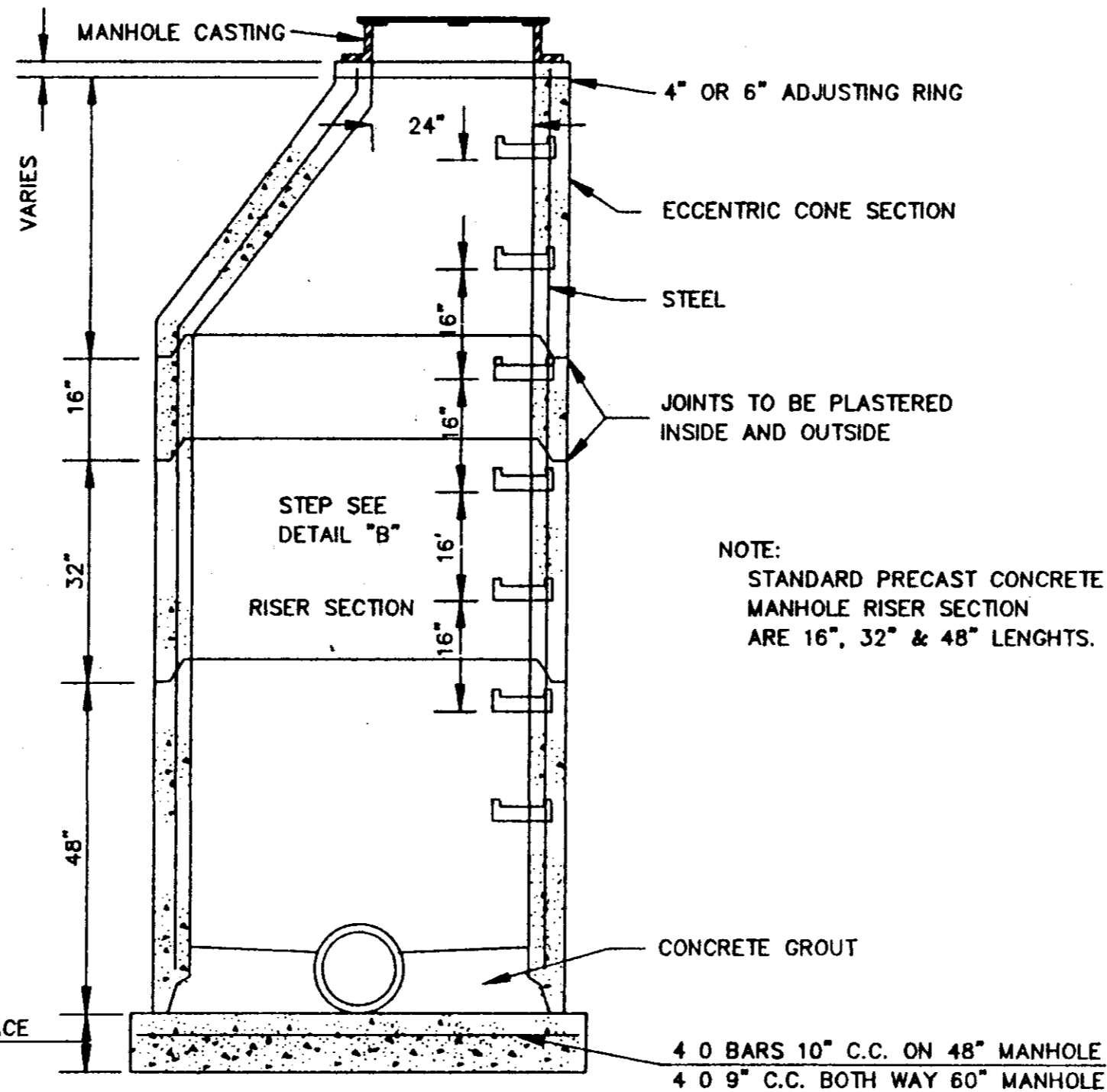
STANDARD BRICK MANHOLE

N.T.S.



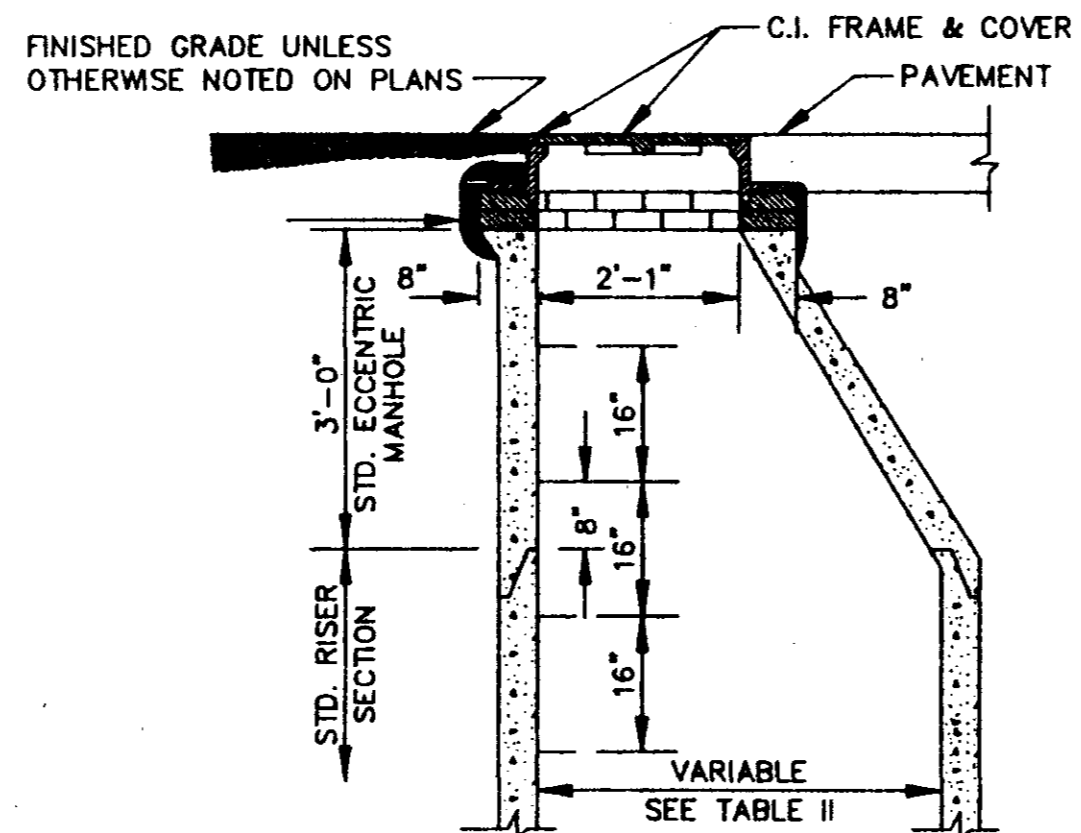
TYPICAL PRECAST CONCRETE MANHOLE JOINT DETAIL

N.T.S.



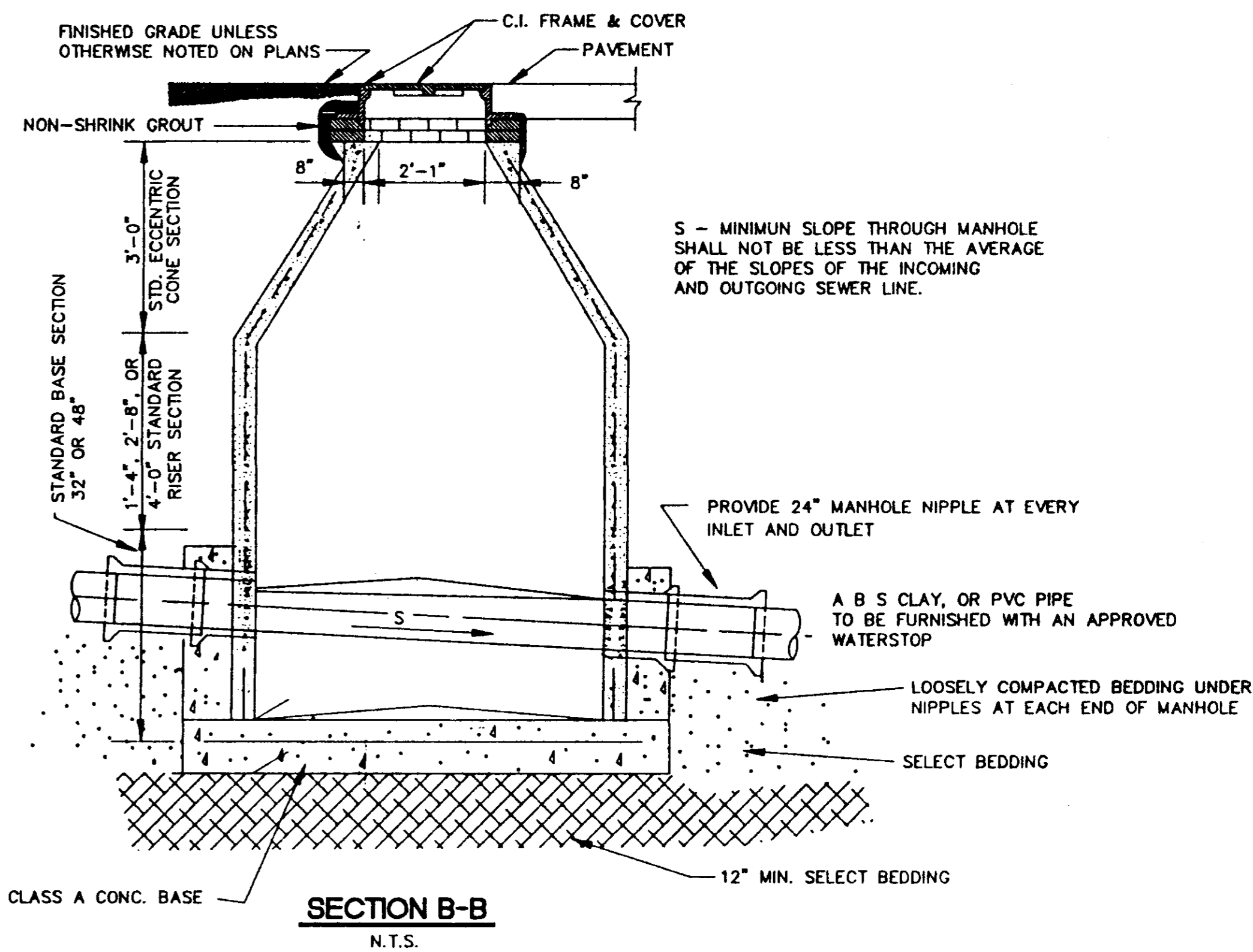
SECTION OF PRECAST CONCRETE MANHOLE

N.T.S.



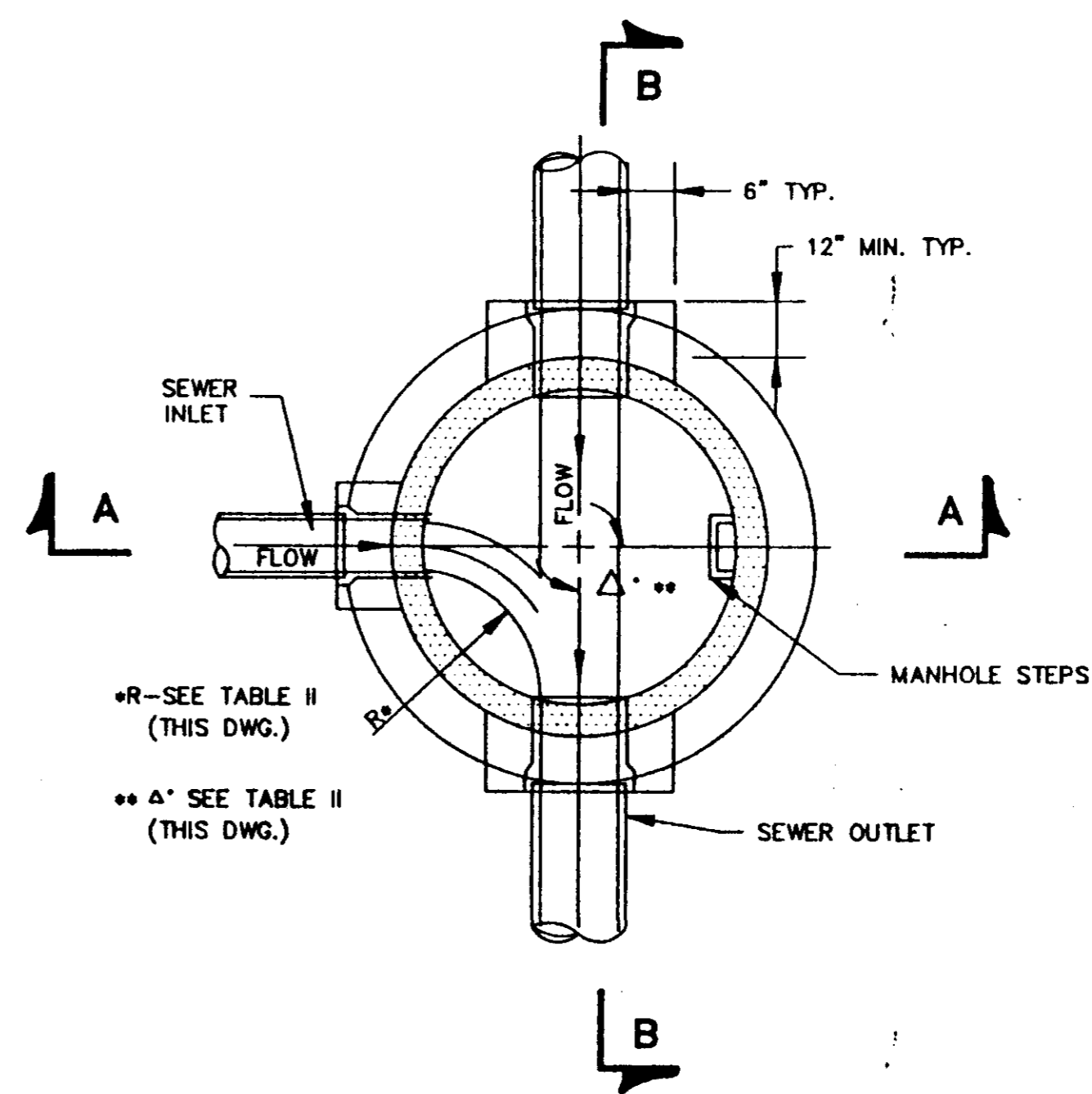
STANDARD ECCENTRIC CONE FOR ALL DIAMETER MANHOLES

N.T.S.



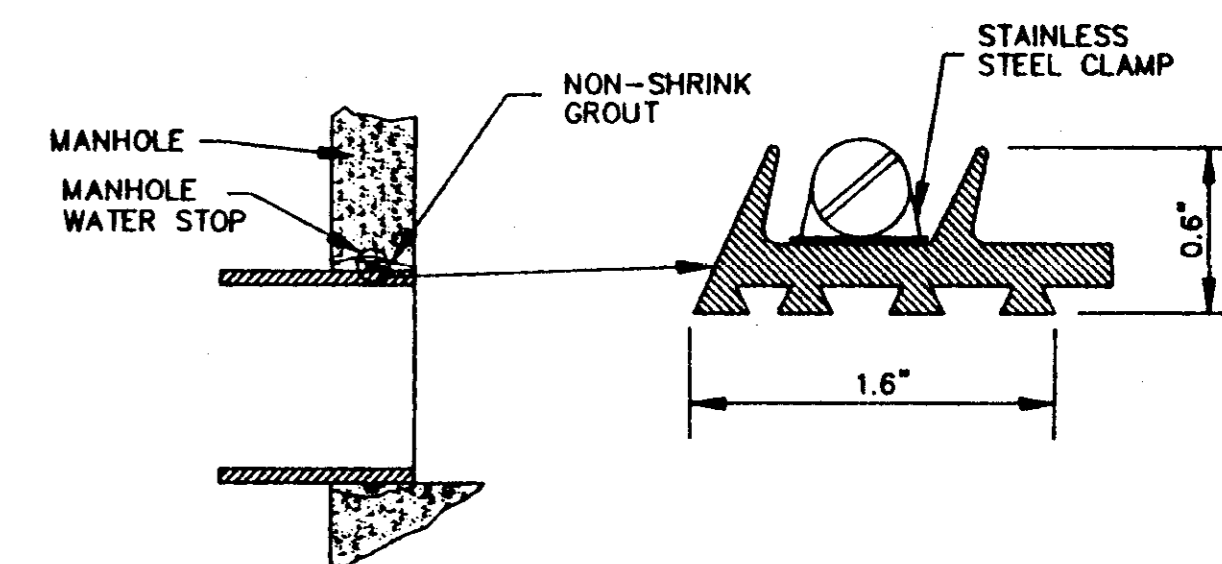
SECTION B-B

N.T.S.



SECTIONAL PLAN STANDARD MANHOLE

N.T.S.



TYPICAL MANHOLE WATER STOP FOR ABS, CLAY OR PVC PIPE

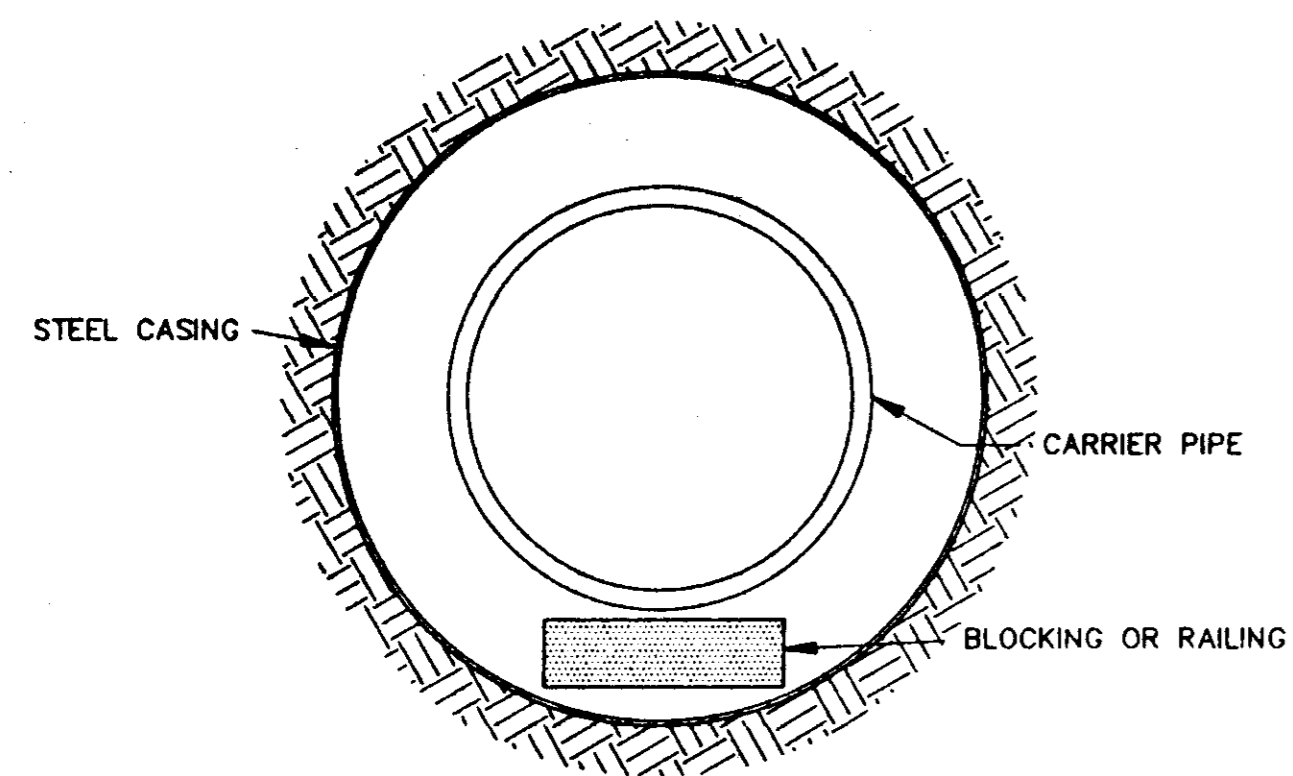
EXISTING AND "STRADDLE" MANHOLES N.T.S.

OAKMONT PART ONE-A EDWARDS HOMES, INC. OWNER & DEVELOPER

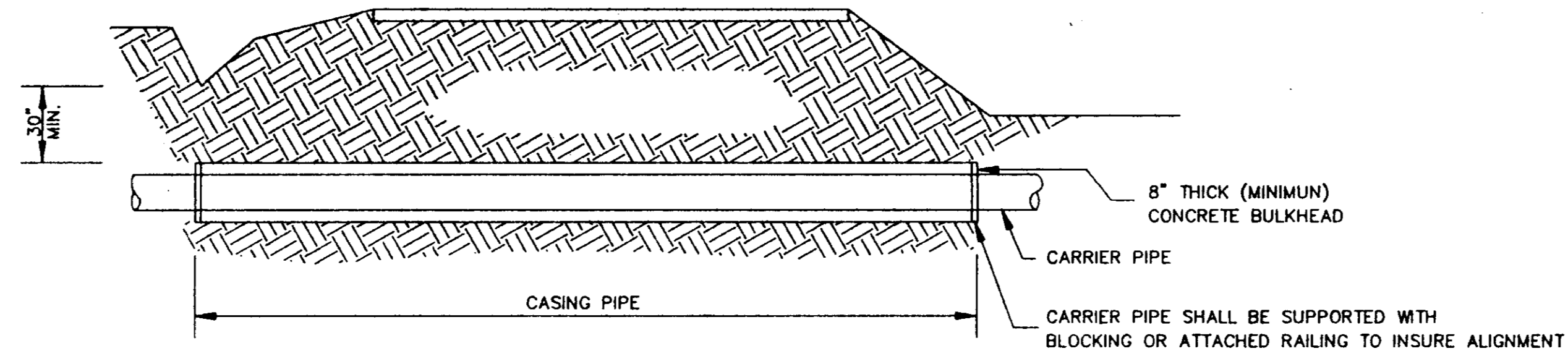
STANDARD DETAILS

CITY OF RIDGELAND MADISON COUNTY, MISSISSIPPI

DESIGN: R.V.V.	DATE: 05/10/95	STERLING CONSULTANTS	DRAWING NO. 10 OF 14
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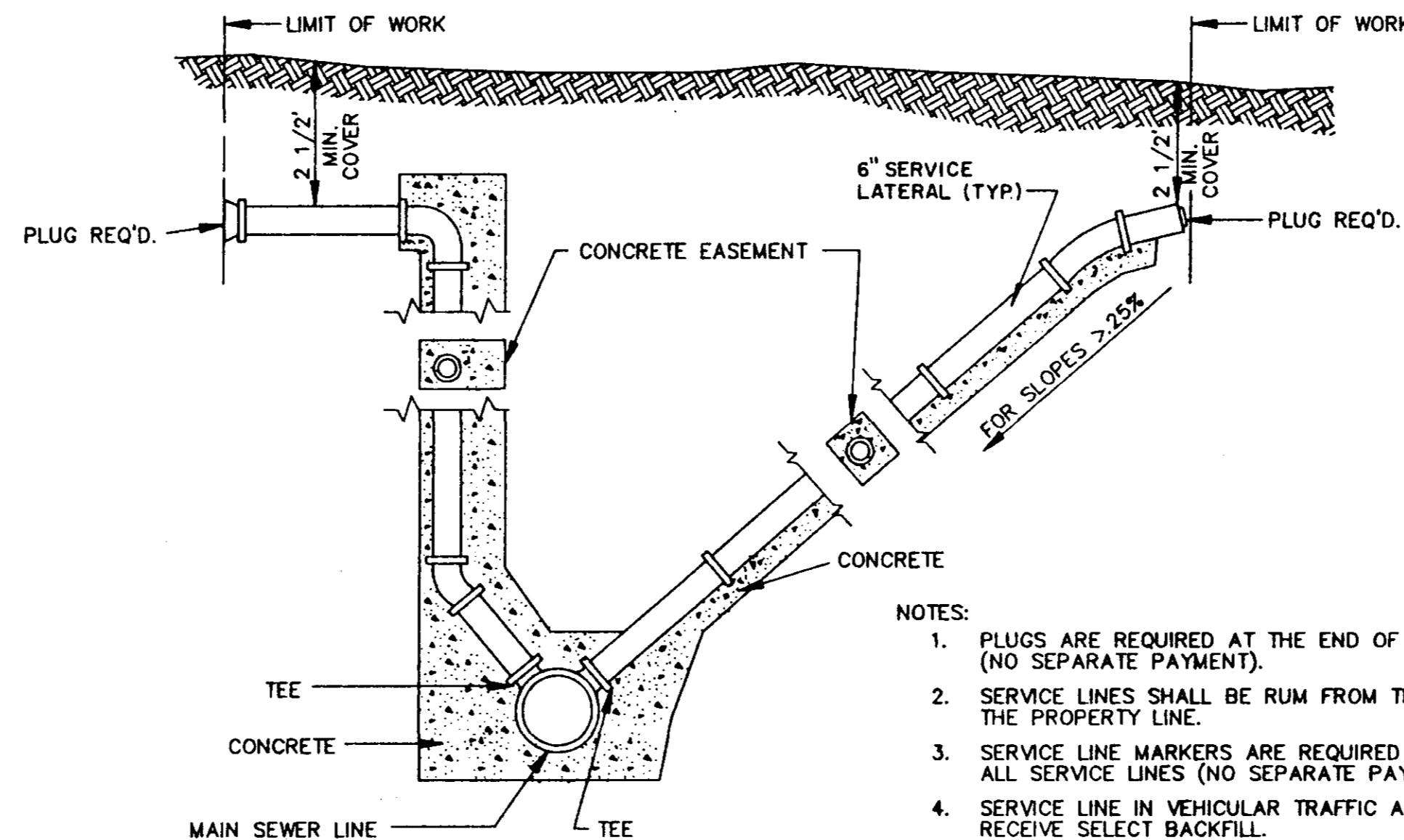
BORE SECTION
N.T.S.



TYPICAL BORE SECTION
N.T.S.

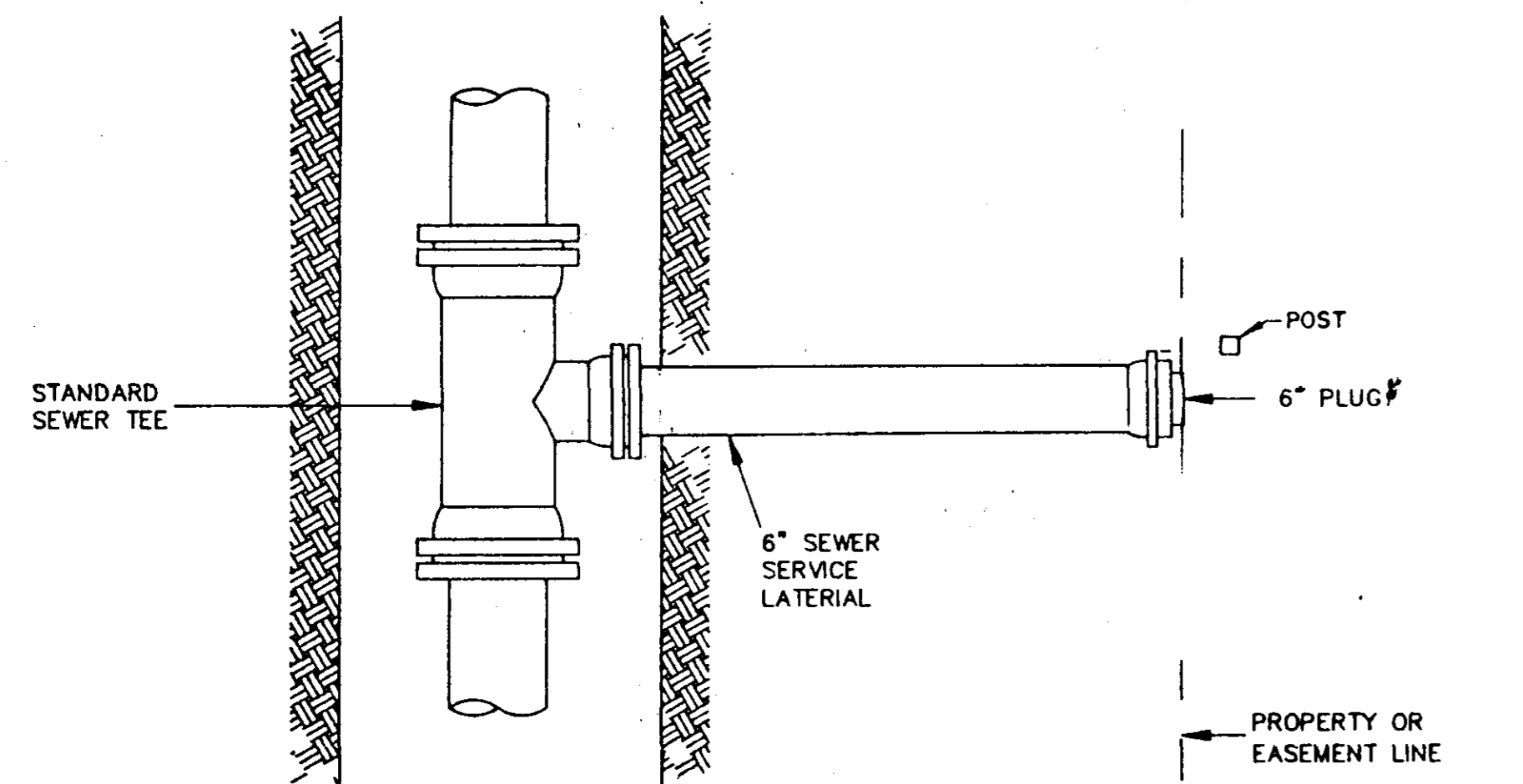
TABLE II GOVERNING DIMENSIONS FOR MANHOLES			
PIPE SIZE	Δ ANGLE	BASE DIAMETER **	"R" *
8" THRU 12"	0° TO 90°	4'	1'- 6"
15"	0° TO 60°	4'	1'- 10"
15"	60° TO 90°	4'	1'- 10"
18"	0° TO 60°	4'	2'- 3"
18"	60° TO 90°	4'	1'- 10"
21"	0° TO 60°	4'	2'- 7"
21"	60° TO 90°	5'	2'- 4"
24"	0° TO 45°	4'	3'- 0"
24"	45° 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

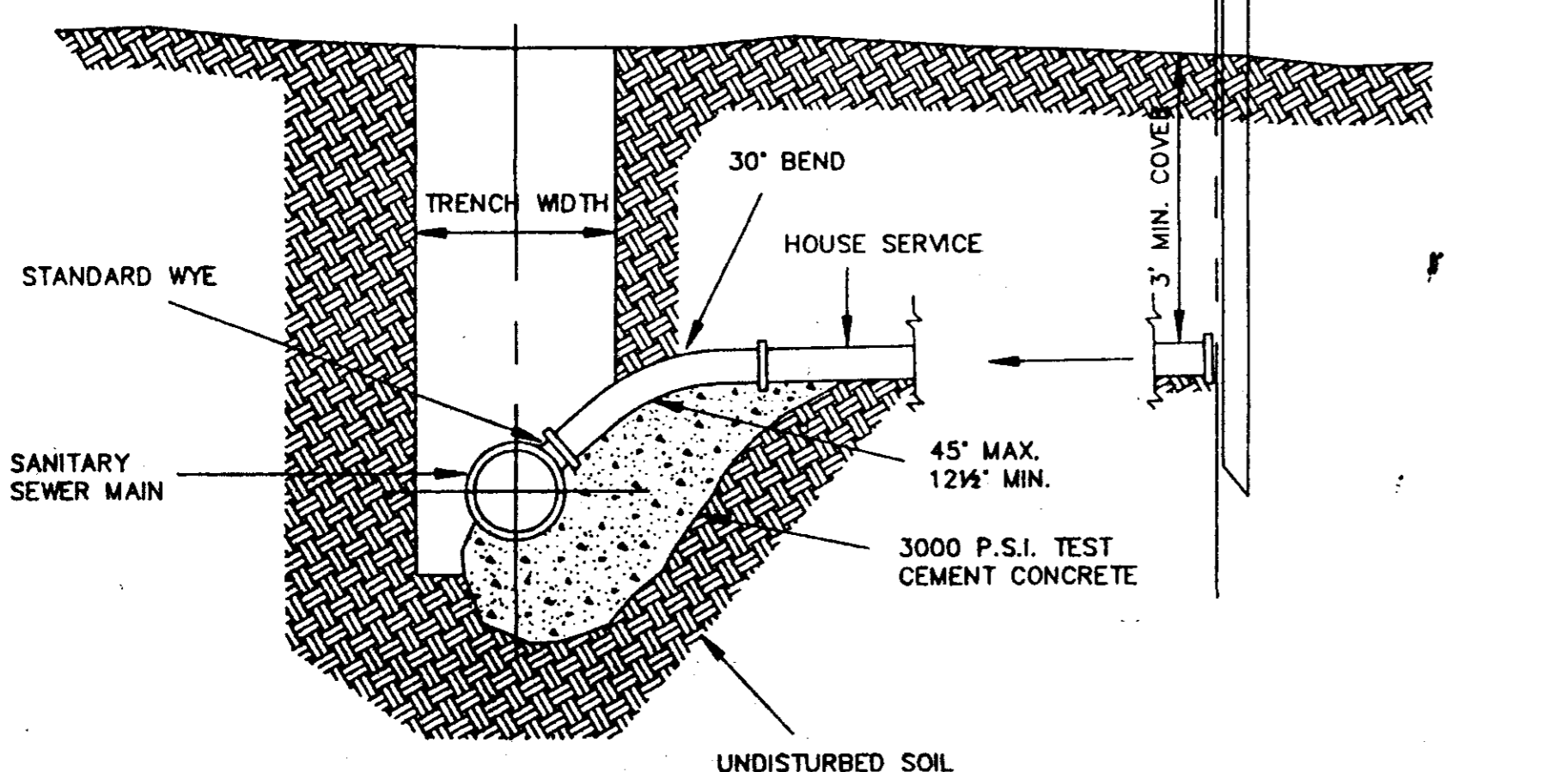


- NOTES:
1. PLUGS ARE REQUIRED AT THE END OF ALL SERVICE LINES (NO SEPARATE PAYMENT).
 2. SERVICE LINES SHALL BE RUM FROM THE SEWER LINES TO THE PROPERTY LINE.
 3. SERVICE LINE MARKERS ARE REQUIRED AT THE END OF ALL SERVICE LINES (NO SEPARATE PAYMENT).
 4. SERVICE LINE IN VEHICULAR TRAFFIC AREA SHALL 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.

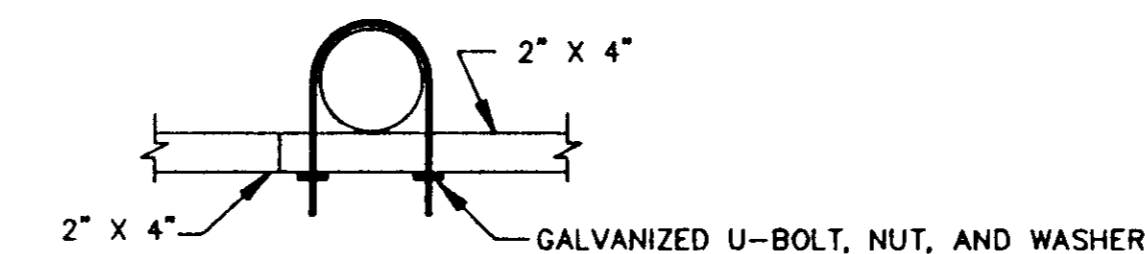


PLAN

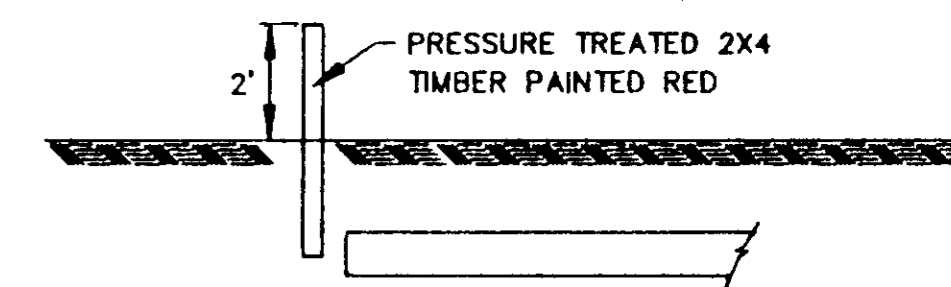


ELEVATION

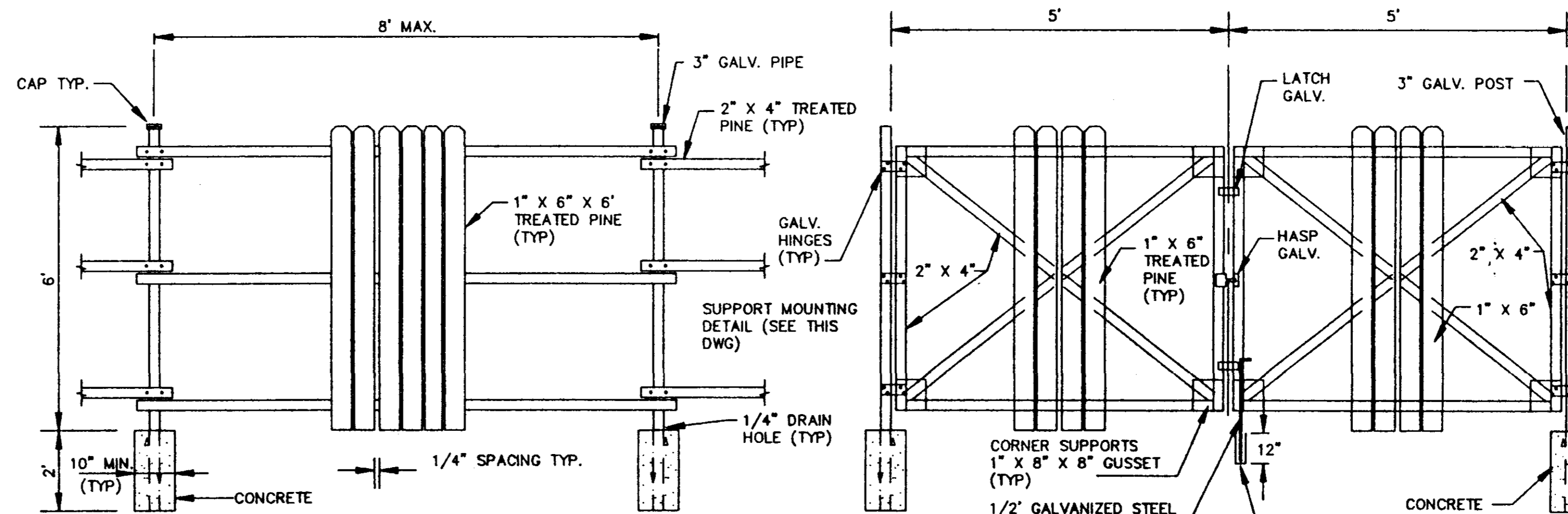
SEWER SERVICE CONNECTION
N.T.S.



SUPPORT MOUNTING DETAIL
N.T.S.



SERVICE LINE MARKER
(NO SEPARATE PAYMENT)
N.T.S.



FENCE DETAIL
N.T.S.

GATE DETAIL
N.T.S.

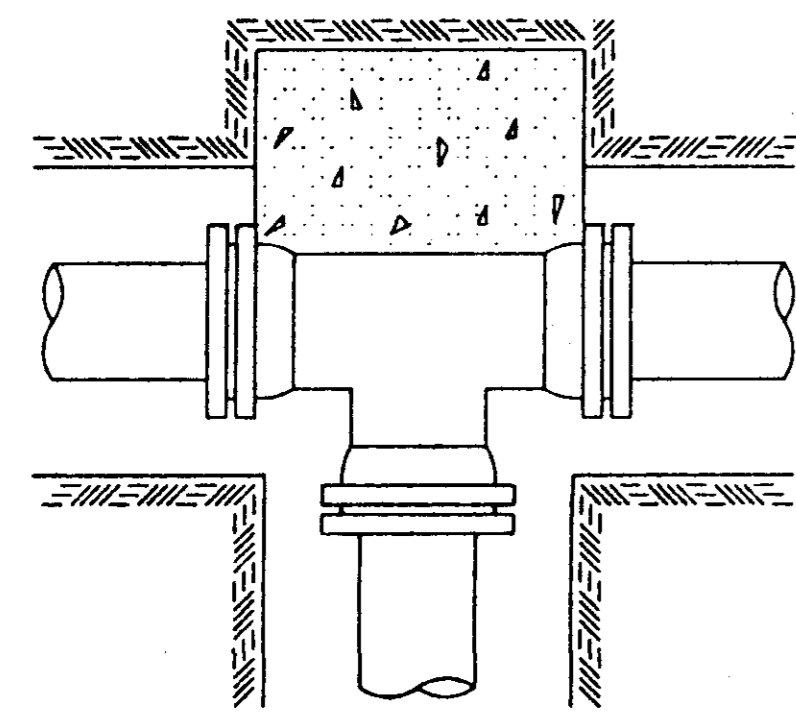
OAKMONT PART ONE-A
EDWARDS HOMES, INC.
OWNER & DEVELOPER

STANDARD DETAILS

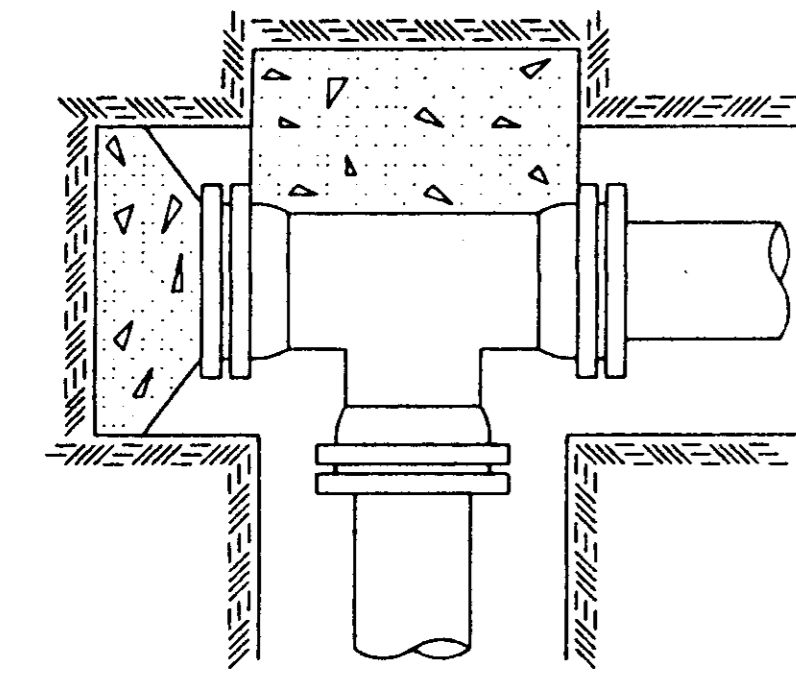
CITY OF RIDGELAND
MADISON COUNTY, MISSISSIPPI

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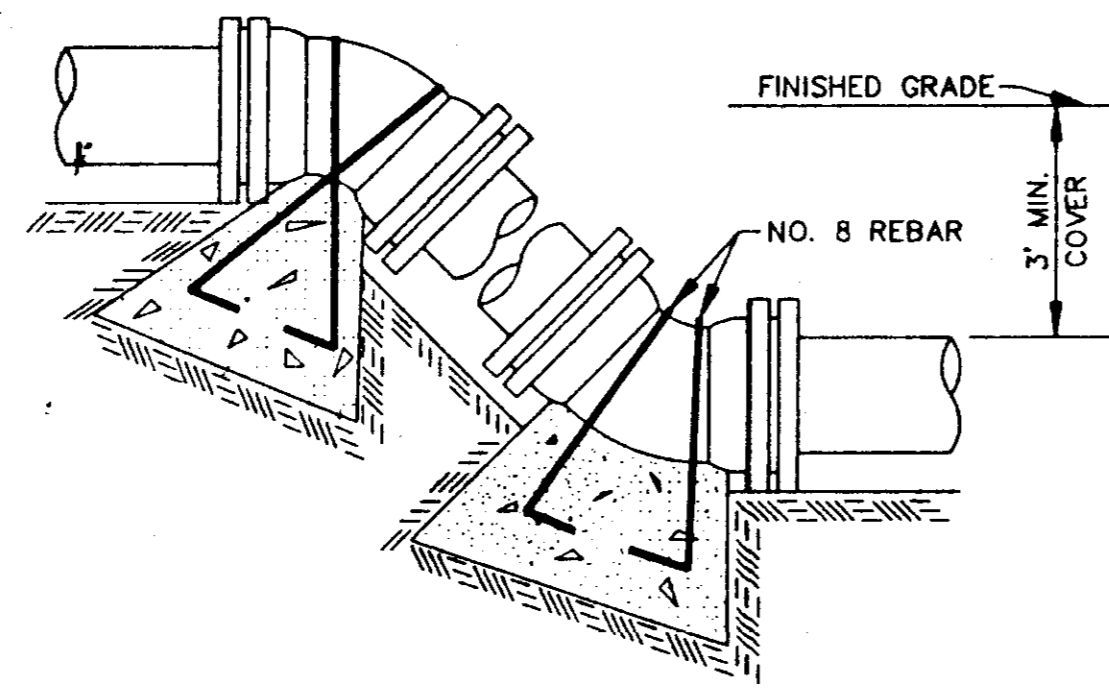
DRAWING 7792 (FORM 1984)



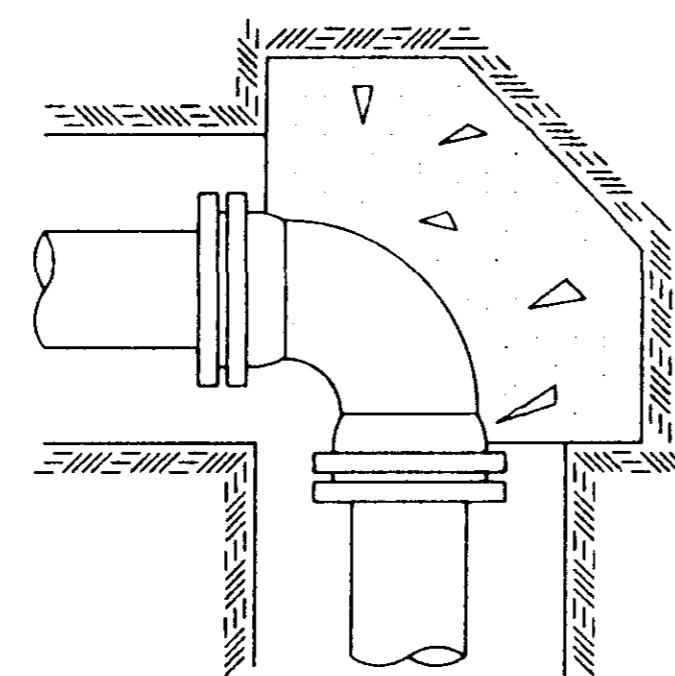
TEE



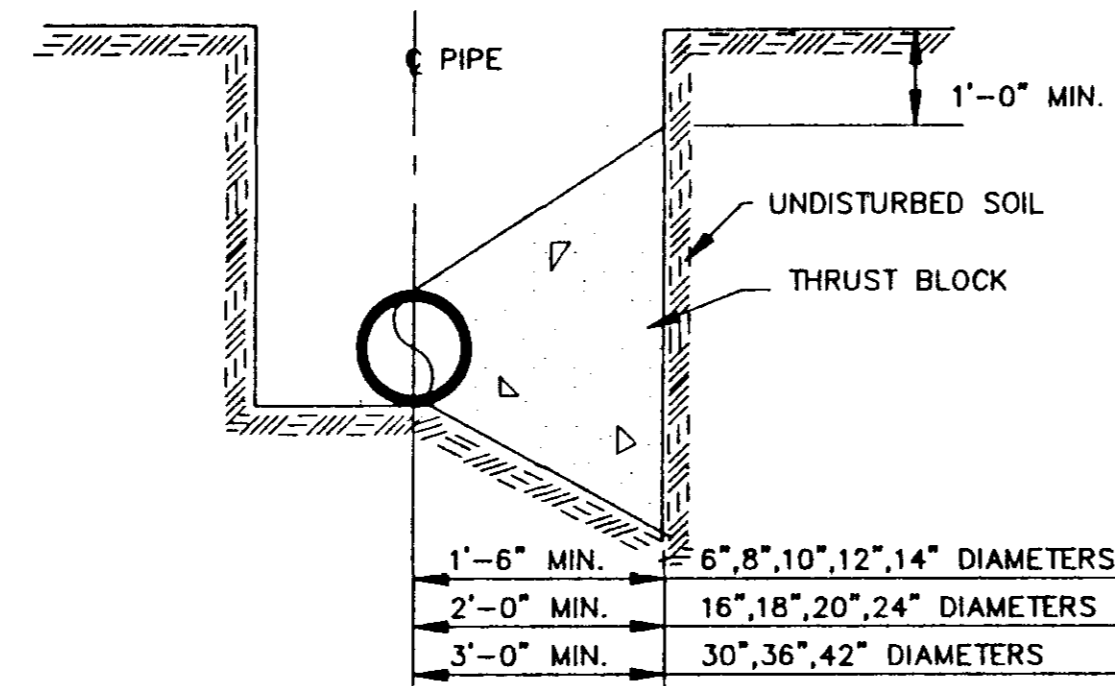
PLUGGED TEE



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

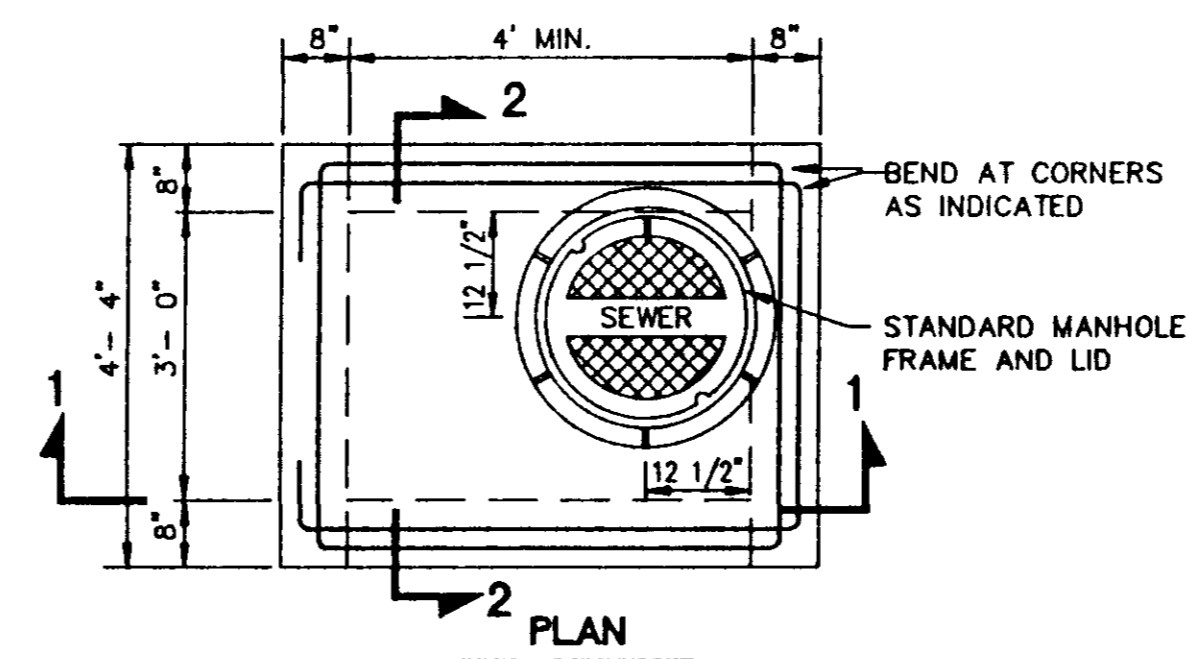
BEARING AREA IN SQ. FT.

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(5)	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)

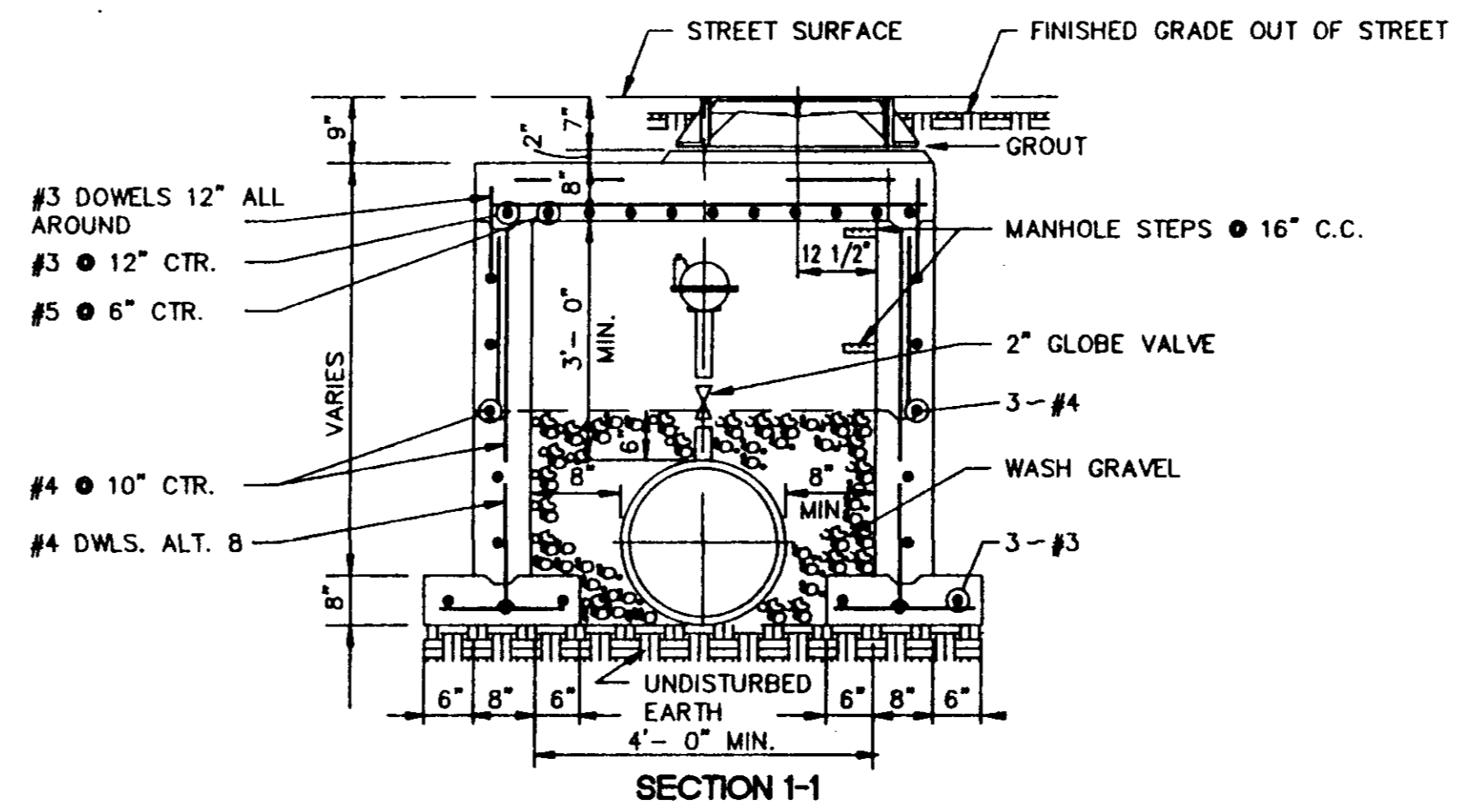
VOLUME OF BLOCKS INCLUDING SOIL LOAD CU. FT. (CU. YDS.)

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.

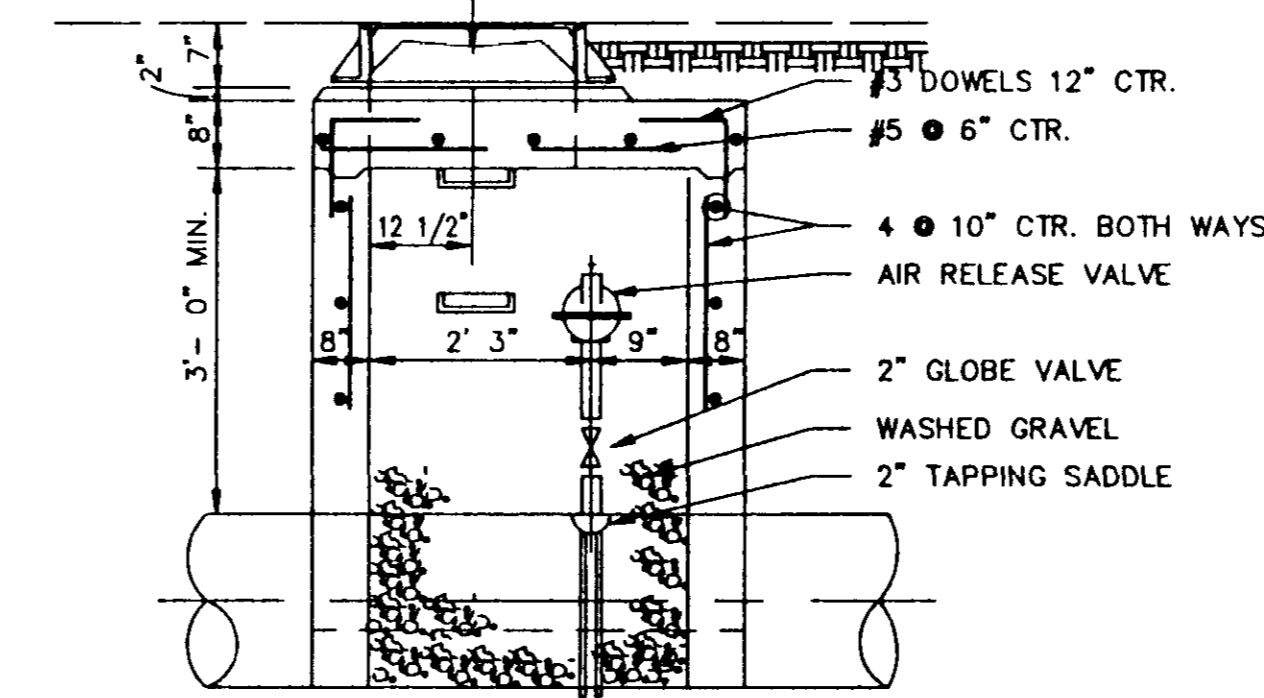
NOTE:
ABOVE VALUES REPRESENT THE VOLUME OF BLOCKS INCLUDING SOIL LOAD IN CU.FT. (CU.YDS.) THE VALUES WERE CALCULATED USING A P=100 PSI AND A S.F.=1.5. FOR DIFFERENT P, MULTIPLY VALUES BY P/100.



PLAN



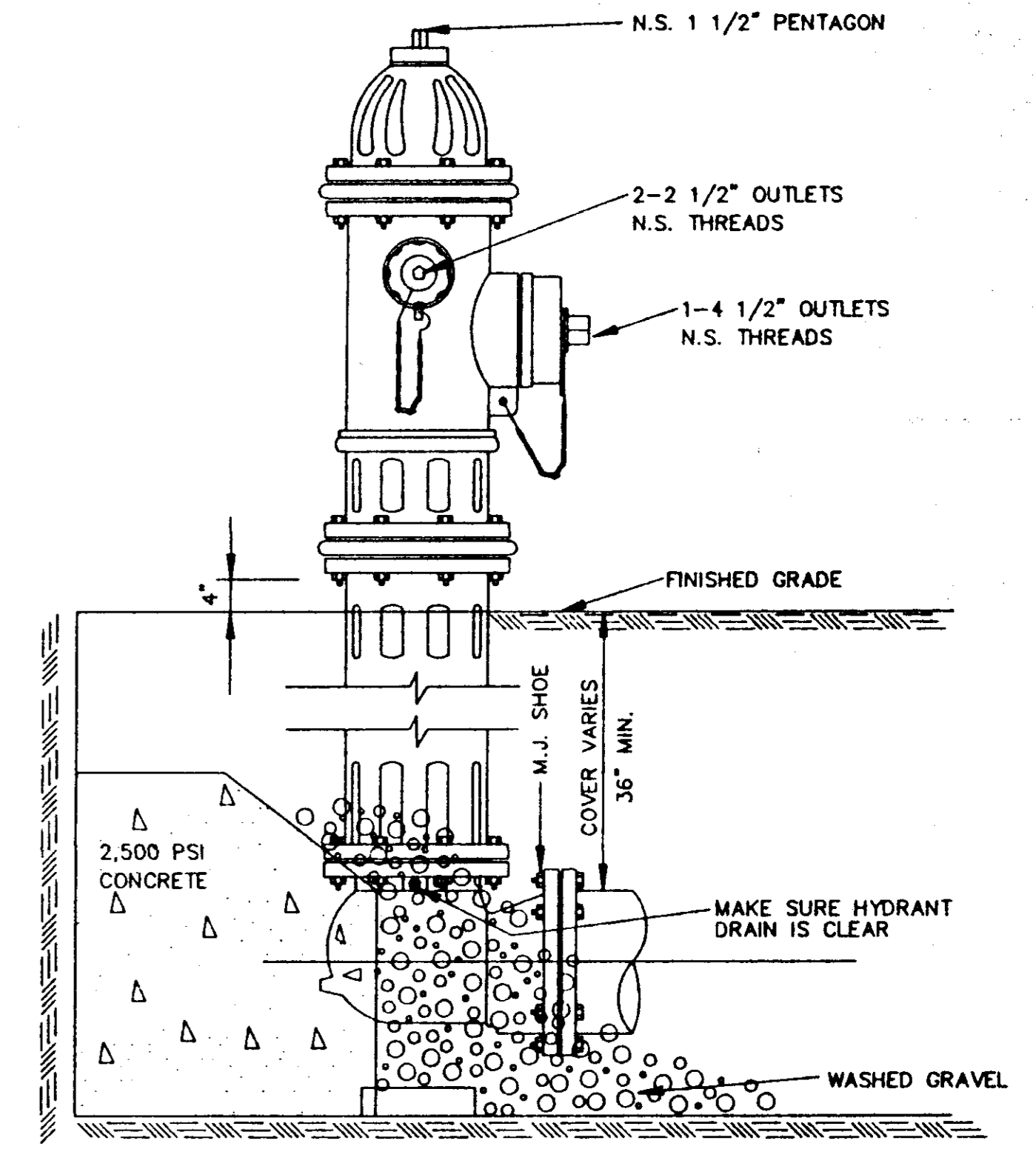
SECTION 1-1



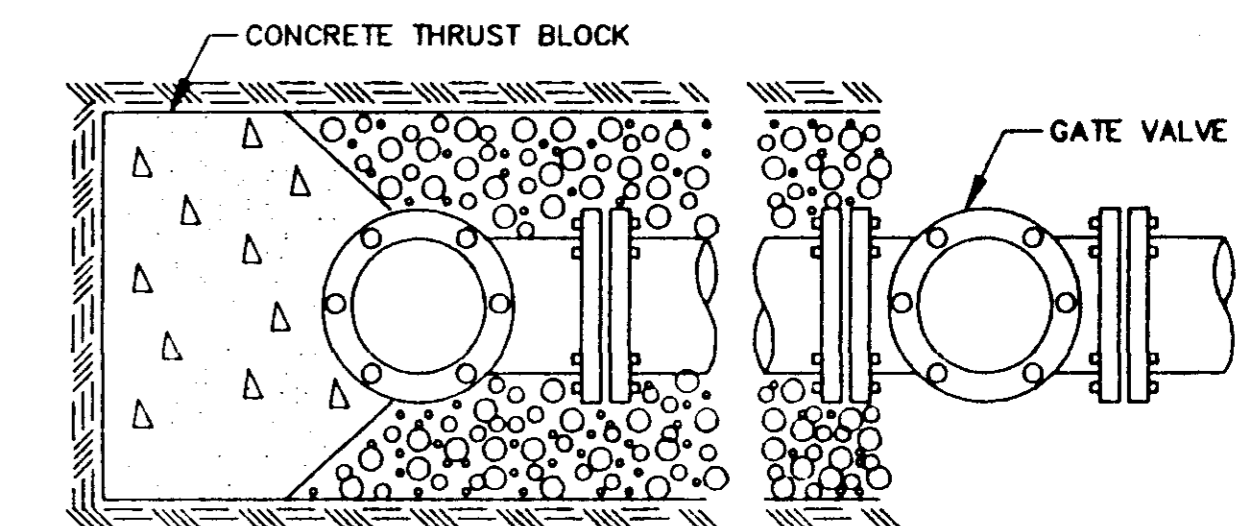
SECTION 2-2

TYPICAL AIR OR AIR VACUUM RELEASE VALVE INSTALLATION WITH MANHOLE

NOT TO SCALE



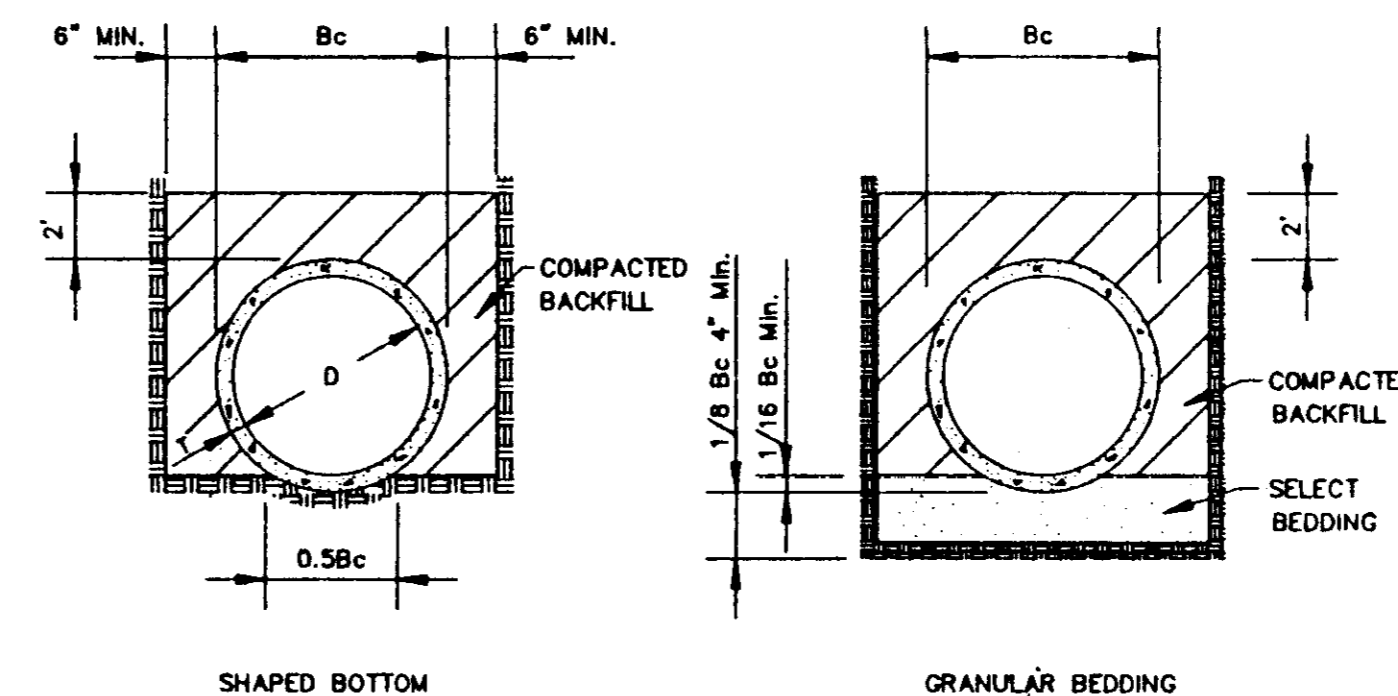
ELEVATION



PLAN

TYPICAL FIRE HYDRANT INSTALLATION

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



SHAPED BOTTOM

CLASS C

GRANULAR BEDDING

TYPICAL TRENCH DETAILS

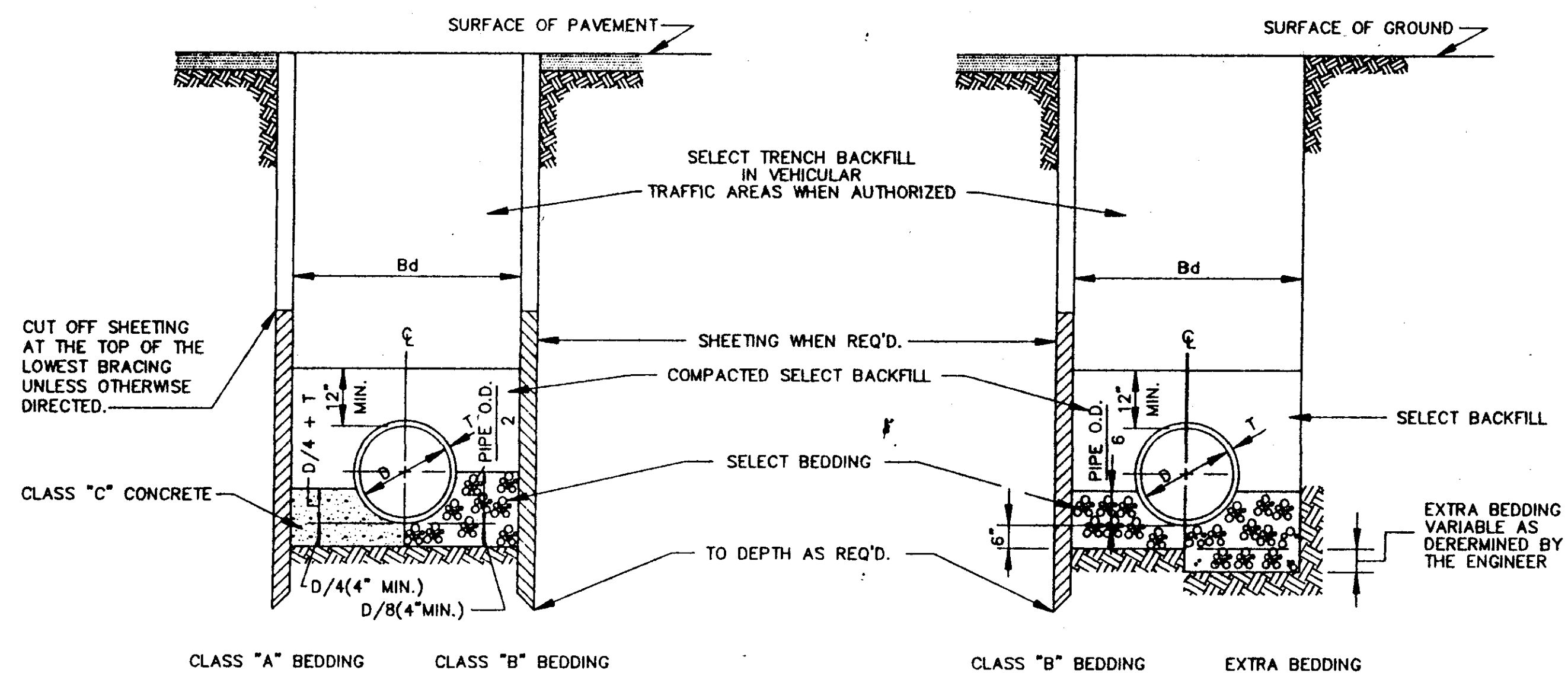
N.T.S.

OAKMONT PART ONE-A
EDWARDS HOMES, INC.
OWNER & DEVELOPER

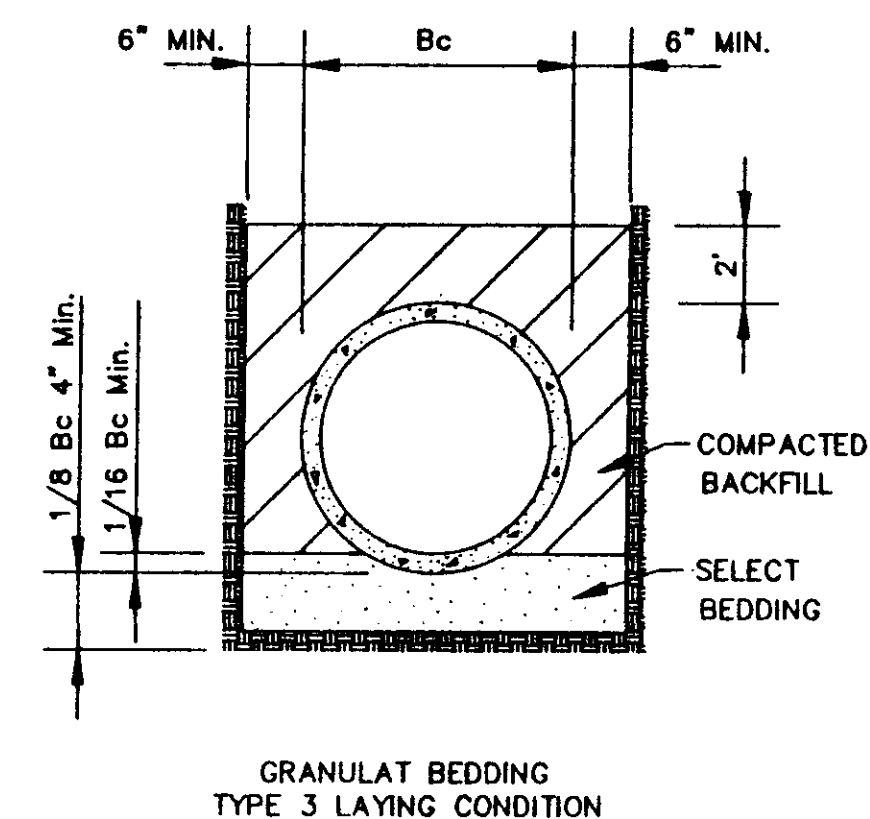
STANDARD DETAILS

CITY OF RIDGELAND
MADISON COUNTY, MISSISSIPPI

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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 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

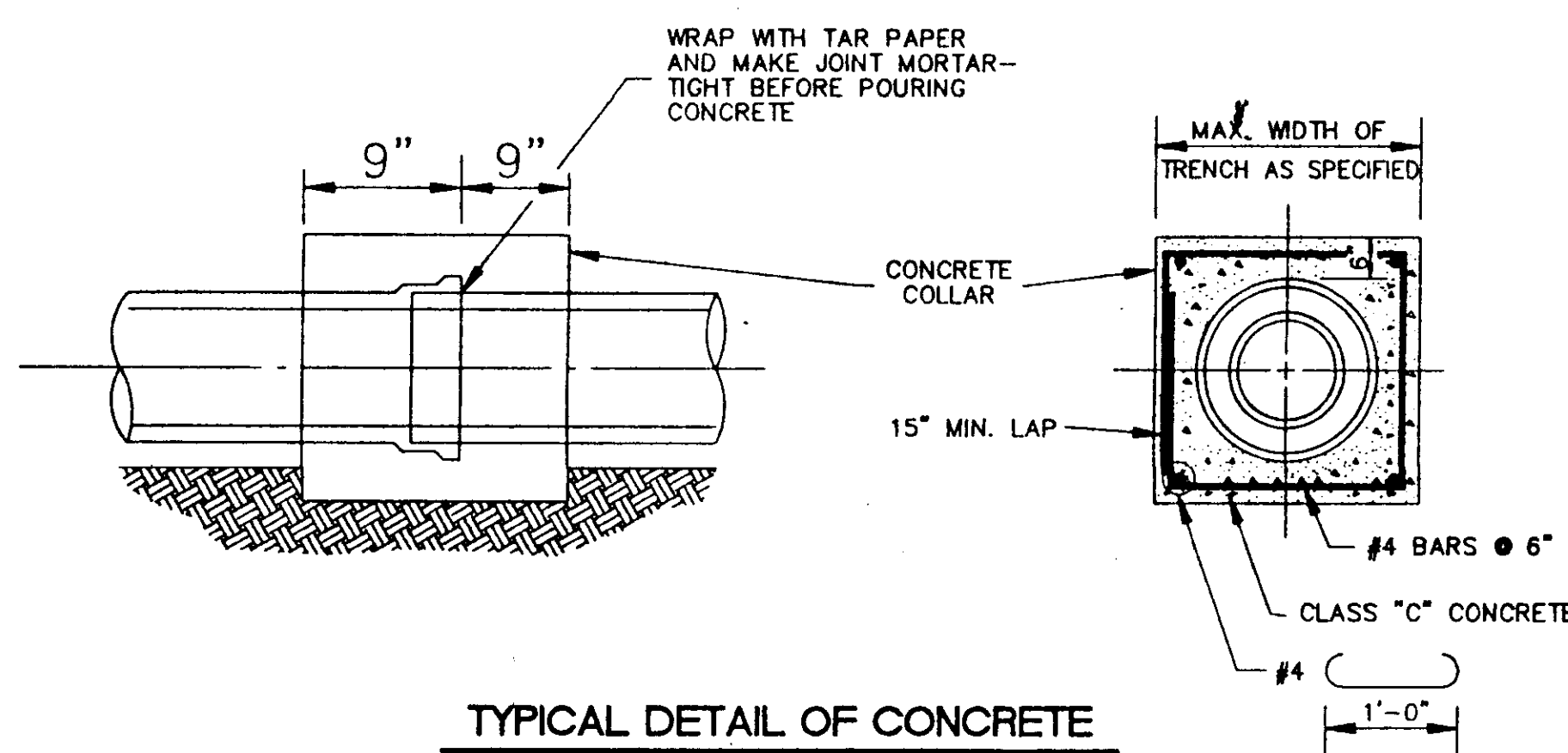
MATERIAL SHALL BE SELECT BEDDING AS SPECIFIED. MATERIAL SHALL BE CAREFULLY PLACED AND THOROUGHLY COMPACTED BY TAMPING.

CLASS "C" BEDDING (STANDARD BEDDING)

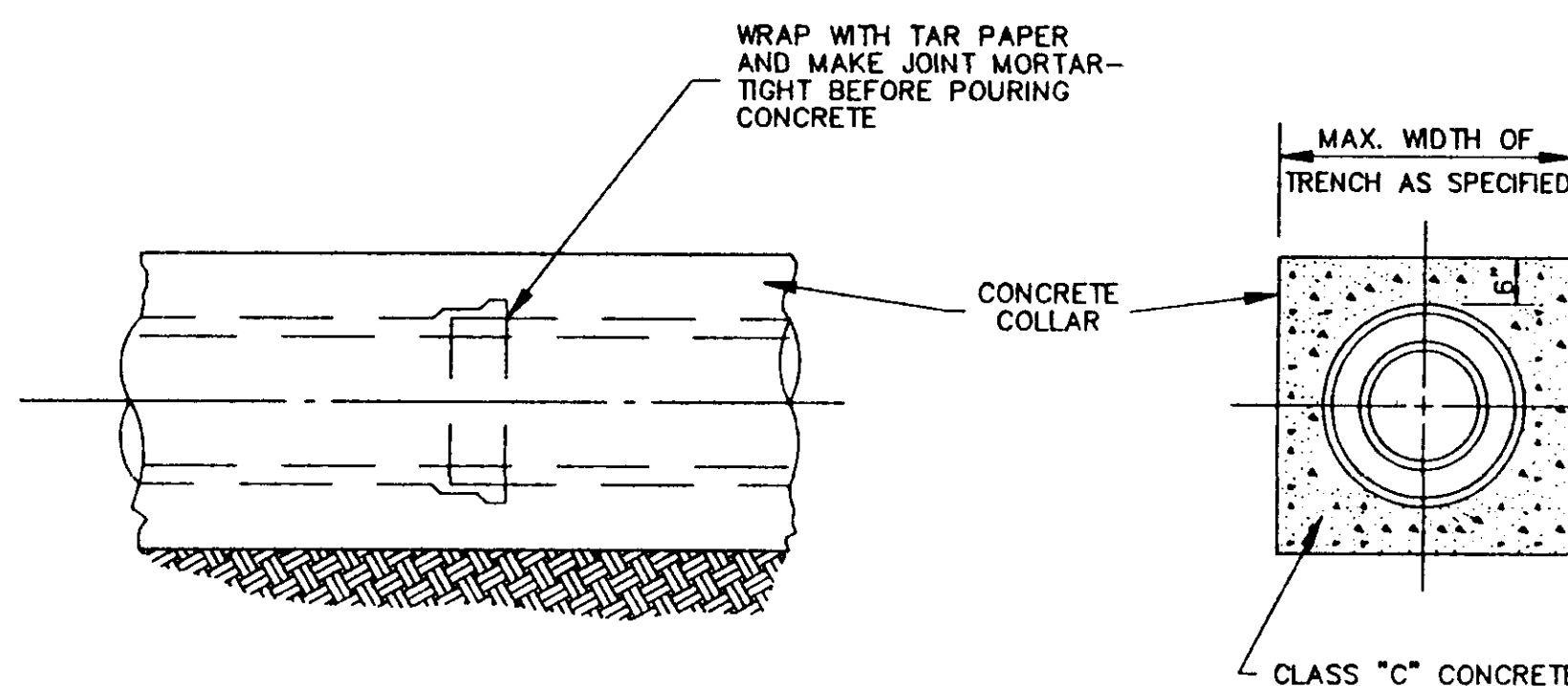
MATERIAL SHALL BE THE SAME AS FOR CLASS "B" BEDDING AND SHALL BE PLACED AS SHOWN BY STANDARD DETAILS FOR THE TYPE OF PIPE USED.

CLASS "A" BEDDING CLASS "B" BEDDING CLASS "B" BEDDING EXTRA BEDDING (FOR INADEQUATE SOIL BEARING CAPACITY) 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 ENCASEMENT N.T.S.

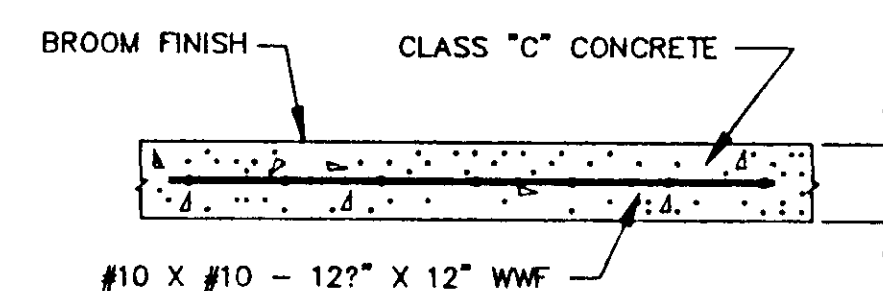
TABLE "A"		
PIPE SIZE		
CARRIER PIPE (INCHES)	CASING PIPE	
	DIA. (INCHES)	STEEL PIPE WALL THICK
8	16	1/4"
10	20	5/16"
12	24	3/8"
14 & 16	30	1/2"
18	36	1/2"
24	36	1/2"
30	54	1/2"
36	54	1/2"
42	66	SEE TABLE "B"
48	72	-
54	78	-
60	84	-
66	96	-
72	108	-
84	120	-
96	144	-

TABLE "B"												
GAGES OF LINER PLATE FOR CONTINUOUS LOAD-CARRYING STRUCTURES												
NOMINAL DIA. (INCHES)	HEIGHT OF COVER (FEET)											
	2 1/2	3	4	5	6	7	8	9	10	11	12	14
48	12	12	12	12	12	12	12	12	12	10	8	10
54	12	12	12	12	12	12	12	12	10	8	10	8
60	12	12	12	12	12	12	12	12	8	7	5	7
66	12	12	12	12	12	12	10	8	8	5	5	5
72	12	12	12	12	12	10	8	7	5	5	5	5
78	12	12	12	12	10	8	7	5	5	5	5	5
84	12	12	12	10	10	8	5	5	5	5	5	5
96	12	10	10	10	10	8	5	5	5	5	5	5
108	10	10	10	10	8	7	5	5	5	5	5	5
120	10	10	10	8	8	7	5	5	5	5	5	5
144	8	8	8	8	5	5	3	1	1	1	1	1

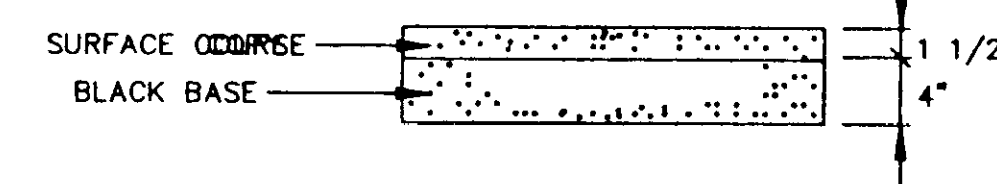
MIN. THICKNESS FOR LINER PLATE CASING IN RAILROAD CROSSING-10 GAGE

CASING PIPE

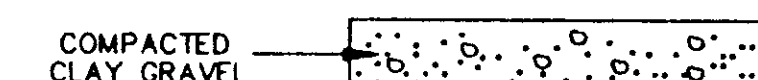
SIZE AND THICKNESS OF PIPE FOR RAILROAD & HIGHWAY CROSSING



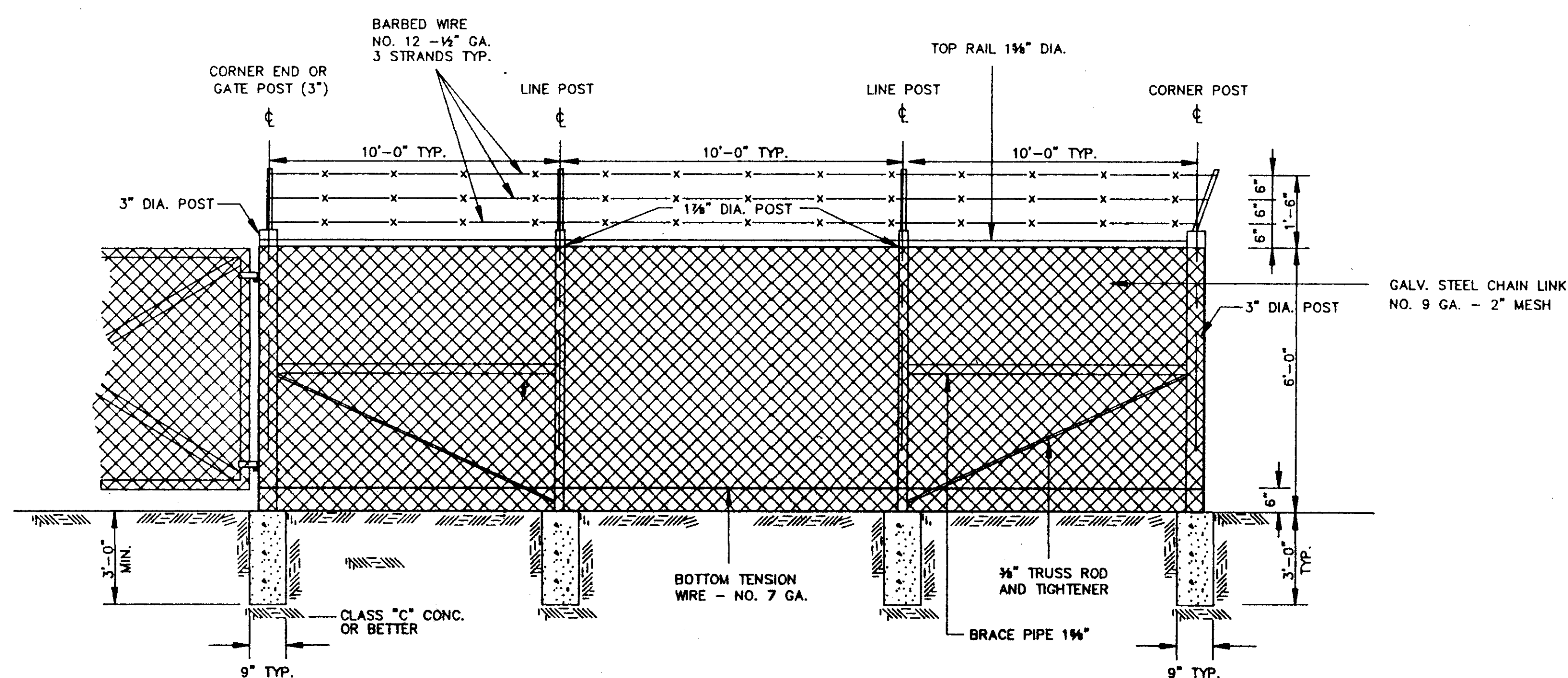
TYPICAL CONC. DRIVEWAY AND SIDEWALK REPAIR



TYPICAL ASPHALT DRIVEWAY REPAIR



TYPICAL GRAVEL DRIVEWAY REPAIR



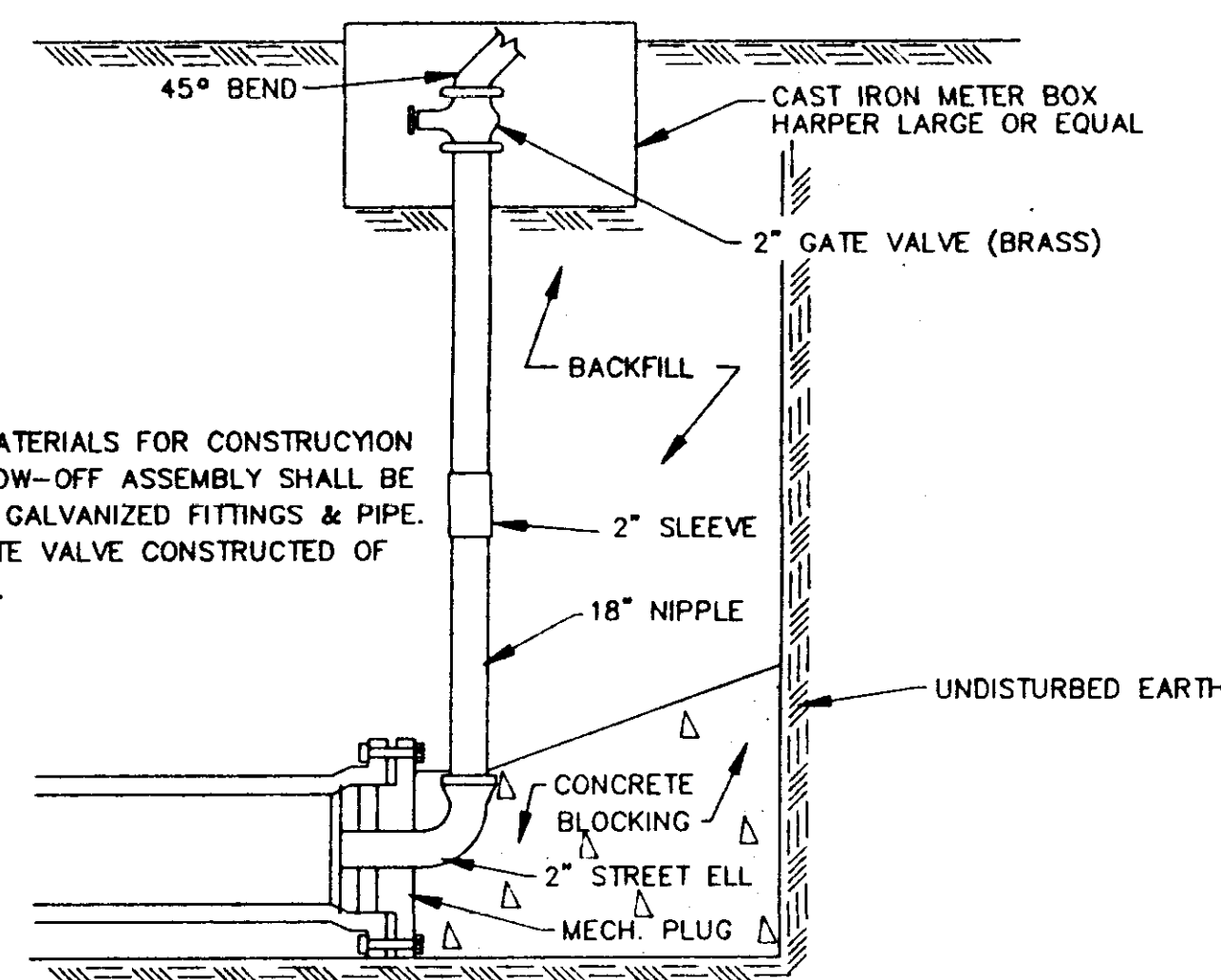
CHAIN LINK FENCE DETAIL N.T.S.

OAKMONT PART ONE-A EDWARDS HOMES, INC. OWNER & DEVELOPER

STANDARD DETAILS

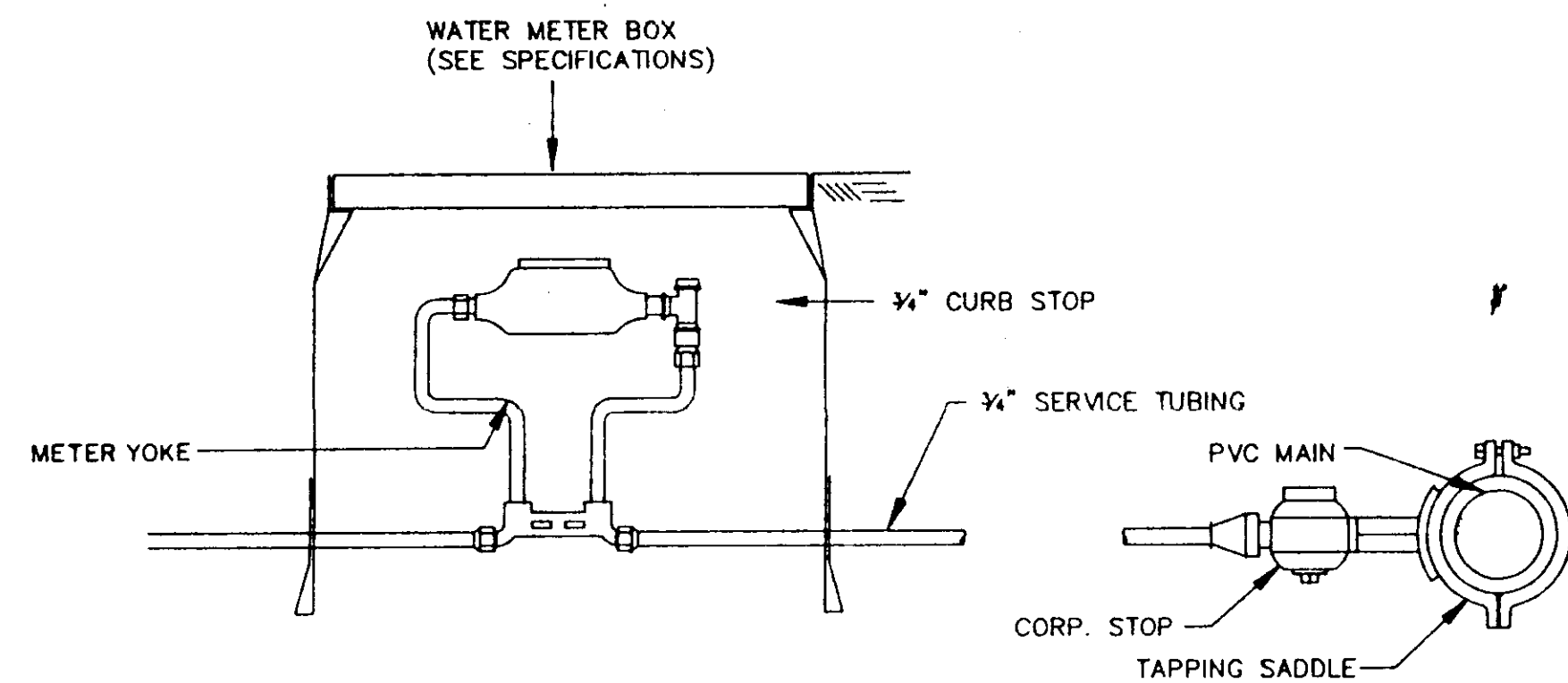
CITY OF RIDGELAND MADISON COUNTY, MISSISSIPPI

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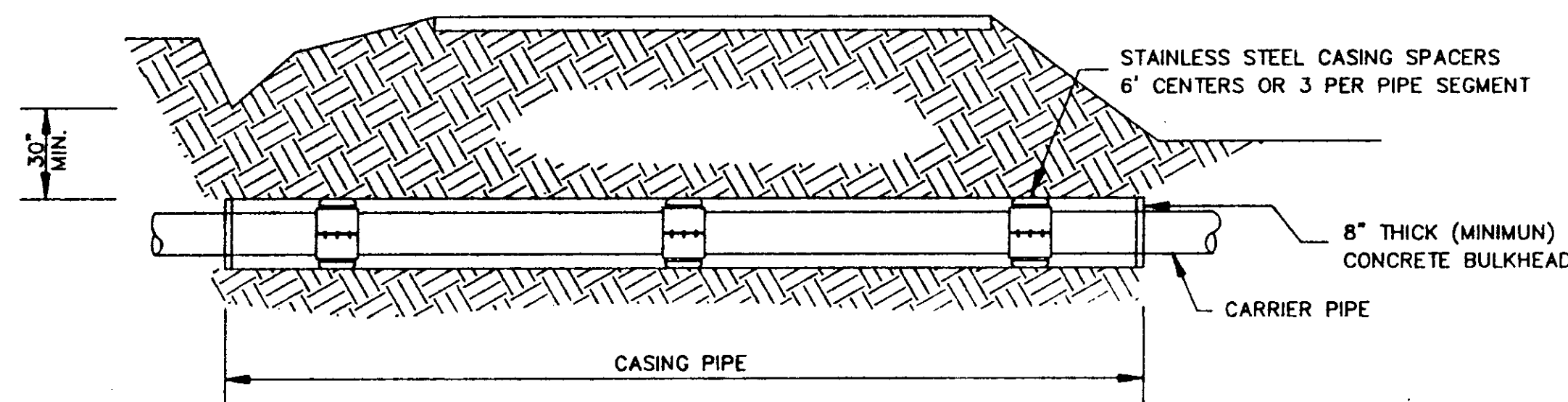


NOTE:
ALL MATERIALS FOR CONSTRUCTION OF BLOW-OFF ASSEMBLY SHALL BE OF 2" GALVANIZED FITTINGS & PIPE. 2" GATE VALVE CONSTRUCTED OF BRASS.

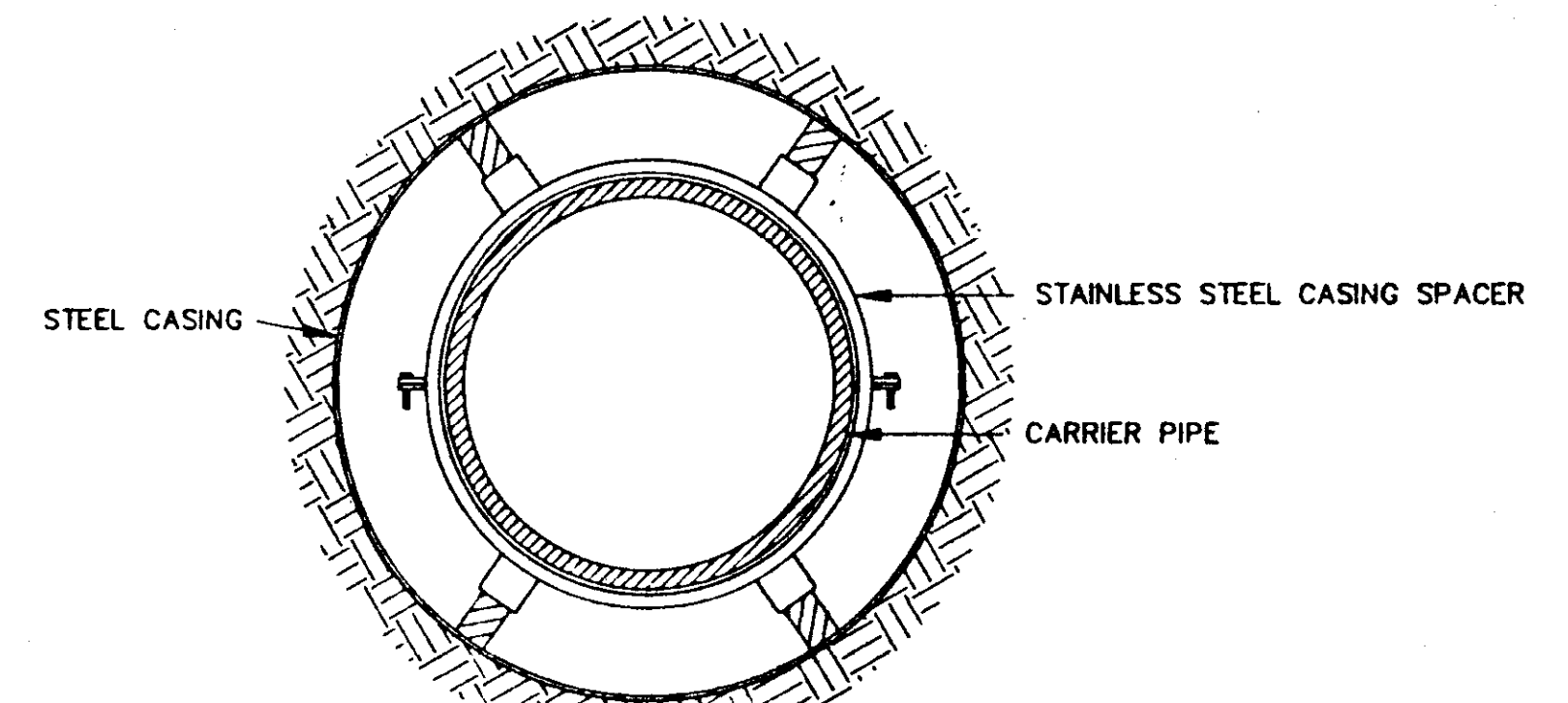
TYPICAL BLOW-OFF ASSEMBLY
N.T.S.



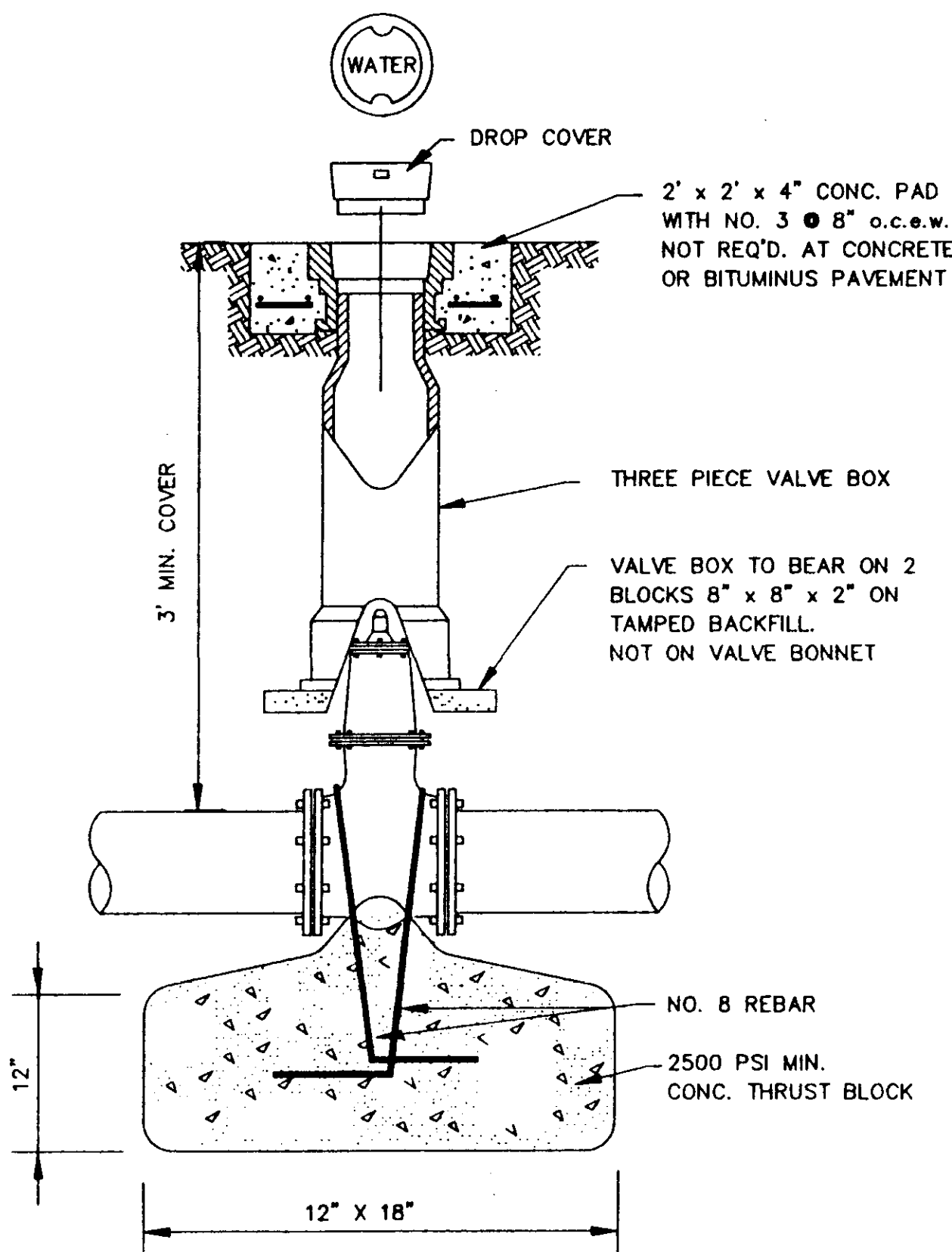
TYPICAL 3/4" WATER SERVICE
N.T.S.



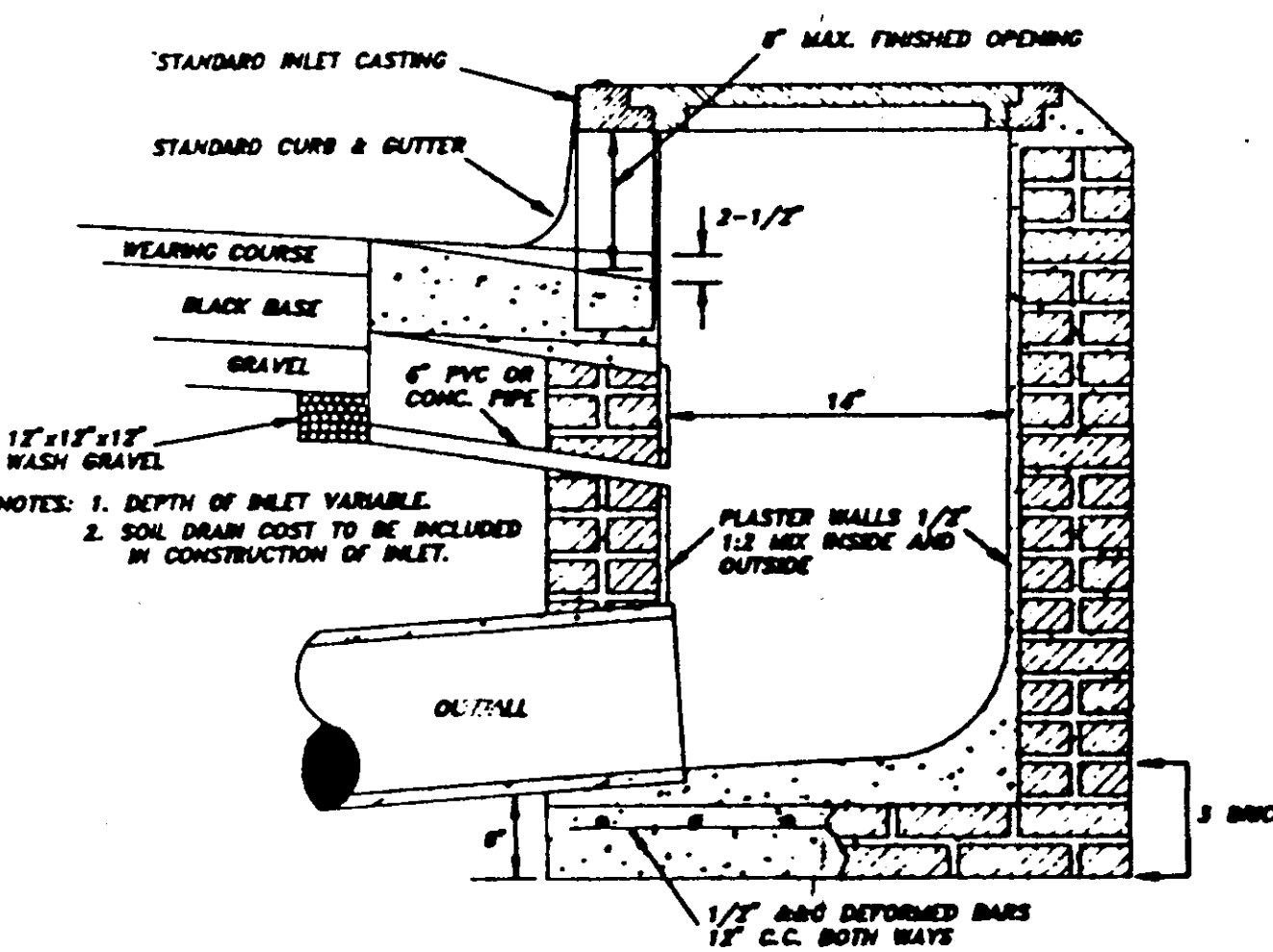
TYPICAL BORE SECTION
N.T.S.



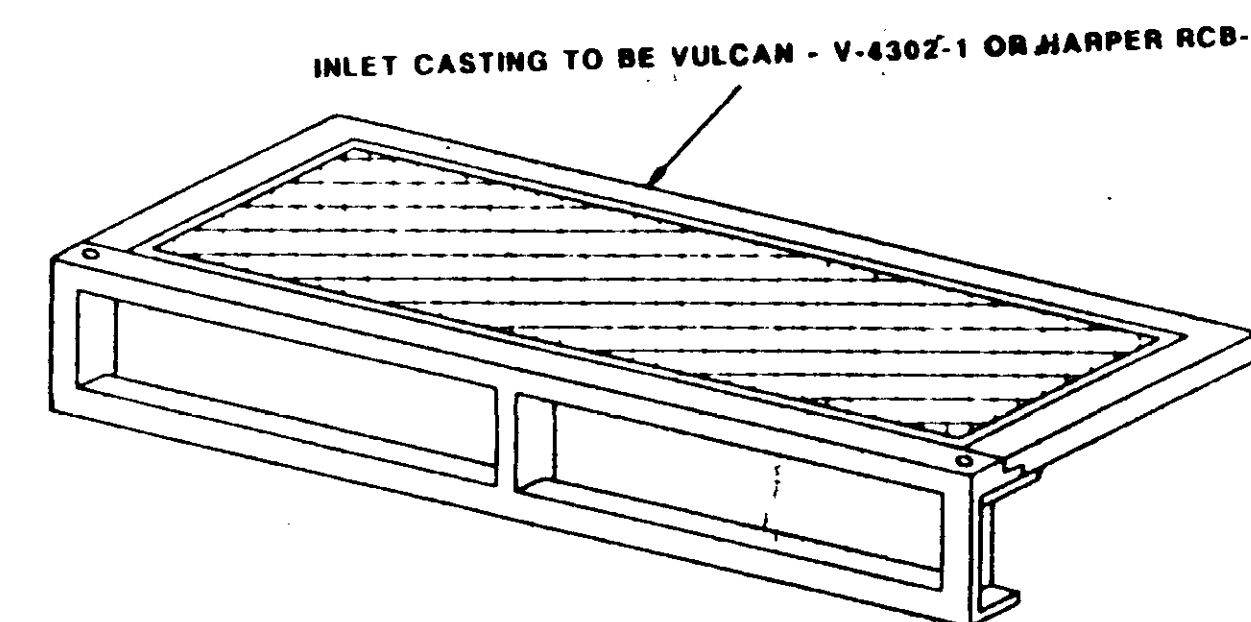
BORE SECTION
N.T.S.



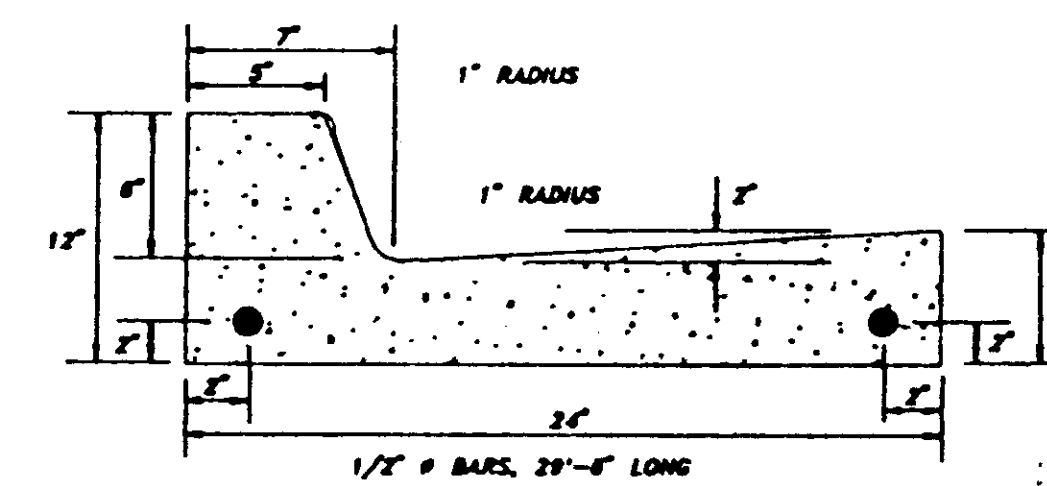
GATE VALVE DETAIL
N.T.S.



SECTION OF STANDARD CURB INLET



STANDARD CURB INLET CASTING



NOTES:
1. ALL CURBS, GUTTERS & DRIVEWAYS TO BE CONSTRUCTED OF 3000 LB. CONCRETE.
2. 2 - 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

OAKMONT PART ONE-A
EDWARDS HOMES, INC.
OWNER & DEVELOPER

STANDARD DETAILS

CITY OF RIDGELAND
MADISON COUNTY, MISSISSIPPI

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