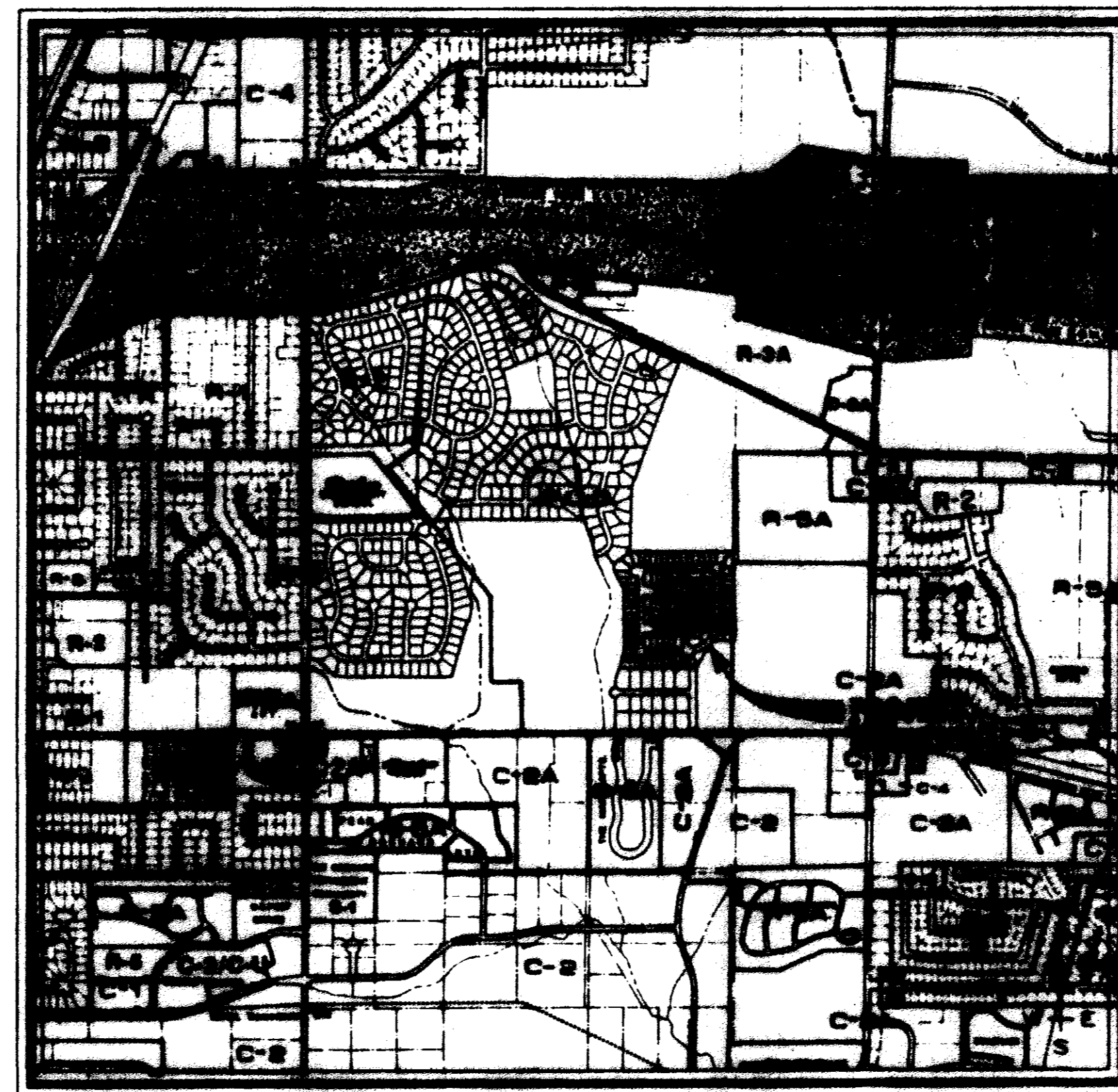
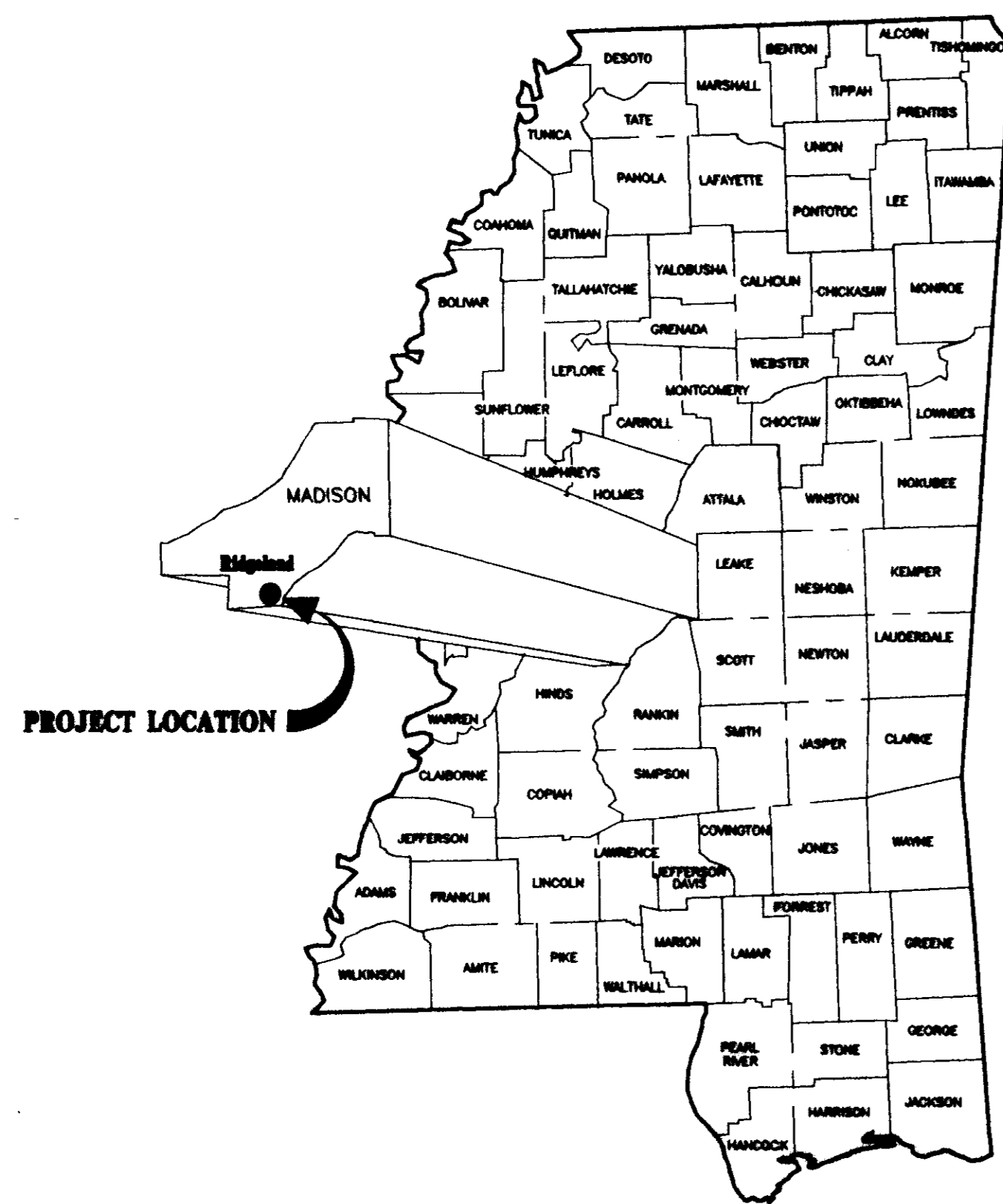
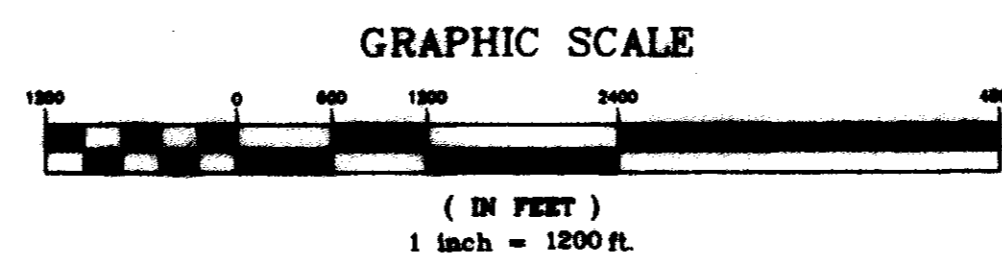


CONSTRUCTION PLANS  
FOR  
**MONTRACHET**  
CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI



VICINITY MAP



A DEVELOPMENT BY  
LAKE HARBOUR ROAD, L.P.

PWP-01304

RECORD DRAWING

BY: *R. H. ...* DATE: 1/12/2000

Prepared By:

STERLING  
*Consultants*  
INCORPORATED



## MATERIAL REQUIREMENTS

### STREETS

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.

### STORM DRAINAGE

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 CAST-IN-PLACE. (CITY OF RIDGELAND STANDARD)
4. INLET CASTINGS - VULCAN RCB-7, C.L. DEWS NO. 2450, OR EQUAL AS APPROVED BY ENGINEER.

### WATER

- MAIN - C-900 PVC CLASS 150 OR DUCTILE IRON, CEMENT LINED MORTAR PRESSURE CLASS 350 - ANSI/AWWA C151/A21.5.
- ENCASEMENT - POLYETHYLENE FILM ANSI/AWWA A21.5/C105.
- JOINTS - TYLON JOINTS WITH 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 - 3/4" MINIMUM, TYPE K COPPER, ASTM 888; POLYETHYLENE (PE), AWWA C901; OR POLYBUTYLENE (PB), AWWA C902.
- SVC SADDLE - FORD STYLE 304, OR APPROVED EQUAL.
- CORP. STOPS - MUELLER NO. H-15000 OR APPROVED EQUAL.
- CURB STOPS - MUELLER H-15175 OR APPROVED EQUAL.
- METER BOX - CAST IRON METER BOX W/ FLIP TOP READING COVER.

### SEWER

- 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 AND ON MANHOLE STEPS.
- PIPE BOOTS - KOR-N-SEAL MOLDED RUBBER CONNECTORS, OR EQUAL.
- FRAME & COVER - CAST IRON, ASTM A-78 OR EQUAL.
- STEPS - RUBBER COATED

## GENERAL NOTES

### STREET

1. STREET SUB GRADE AREAS WHERE EXPANSIVE CLAYS (CH) ARE ENCOUNTERED WITHIN 4" OF FINISHED GRADE SHALL BE UNDERCUT AND BACK FILLED AS REQUIRED TO SEPARATE PAVEMENT FROM EXPANSIVE CLAYS BY A MINIMUM 3 FOOT THICK LAYER OF SELECT SILTY CLAYS (CL) OR SANDY CLAYS (CS) HAVING A LIQUID LIMIT OF LESS THAN 40 AND A PI WITHIN THE RANGE OF 8 TO 20. THE BACK FILL AND FILL MATERIALS SHOULD BE SPREAD IN LOOSE LIFTS HAVING A MAXIMUM THICKNESS OF 9 IN. AND COMPACTED TO NOT LESS THAN 95 PERCENT OF STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698) AT MOISTURE CONTENTS WITHIN 3 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT. STABILITY MUST BE EVIDENT DURING COMPACTION OF EACH LIFT BEFORE ANY SUBSEQUENT LIFTS OF FILL OR BACK FILL MATERIAL ARE ADDED.
2. UNDERCUTTING AND BACK FILLING SHALL EXTEND A MINIMUM OF 2 FEET BEYOND BACK OF CURB.
3. PRIOR TO PLACING ASPHALT BASE MATERIAL, PAVING CONTRACTOR SHALL 1) FINE-GRADE THE SUB GRADE MATERIAL TO THE PROPER SECTION TO PERMIT PLACEMENT OF THE REQUIRED THICKNESS OF BASE COURSE; 2) COMPACT AND PROOF-ROLL SUB GRADE TO ACHIEVE STABILITY; AND ENSURE REQUIRED SUB GRADE DENSITY HAS BEEN ACHIEVED AND VERIFIED BY SOILS TESTING LABORATORY.

### CURB AND GUTTER

1. CURB AND GUTTER SHALL BE 24" STANDARD (SEE DETAIL).
2. SUB GRADE BENEATH CURB AND GUTTER SHALL BE FINE GRADED AND COMPACTED TO ACHIEVE STABILITY UNDER PRESSURE OF THE REAR WHEEL LOADING OF A MOTOR GRADER MOVING SLOWLY OVER THE CURB AND GUTTER SUB GRADE.
3. AFTER FORMS AND/OR CURB AND GUTTER STRING LINES HAVE BEEN SET AND BEFORE CONCRETE IS POURED, CONTRACTOR SHALL VERIFY THAT ALL GUTTERS DRAIN TO INLETS. MINIMUM SLOPE: 9" PER 100'
4. EXPANSION JOINTS IN CURB AND GUTTER SHALL BE 3/4" JOINT MATERIAL PLACED AT 30' (MAXIMUM) INTERVALS.
5. CONTRACTION JOINTS IN CURB AND GUTTER SHALL BE SCORED AT INTERVALS NOT GREATER THAN 10 FEET AND SPACED EQUALLY BETWEEN EXPANSION JOINTS.
6. CONCRETE FOR CURB AND GUTTER SHALL BE 3,000 PSI MINIMUM.
7. 48" SIDEWALKS SHALL BE CONSTRUCTED BY THE BUILDER ON EACH LOT AFTER ALL UTILITY SERVICES ARE INSTALLED AND THE SITE HAS BEEN GRADED AND SHAPED TO ITS FINISHED TOPOGRAPHY. NOT A PART OF THIS PROJECT.

### STORM DRAINAGE & EROSION CONTROL

1. ALL STORM DRAINAGE PIPE AND INLETS SHALL BE FLUSHED AND CLEARED OF ANY CONSTRUCTION MATERIALS AND/OR SEDIMENT UPON PROJECT COMPLETION.
2. THE CONSTRUCTION EXIT SHALL BE MAINTAINED SUCH THAT ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS MUST BE REMOVED IMMEDIATELY.
3. INLET SEDIMENT TRAPS SHALL CONSIST OF HAY BALES FULLY SURROUNDING EACH INLET.
4. SEDIMENT BARRIERS SHALL BE HAY BALES PLACED IN ALL DRAINAGE WAYS TO PREVENT SEDIMENT FROM LEAVING CONSTRUCTION SITE.

### WATER & SEWER

1. ALL WATER AND SANITARY SEWER CONSTRUCTION TO BE IN ACCORDANCE WITH THE CITY OF RIDGELAND STANDARD SPECIFICATIONS.
2. 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.
3. SEWER SERVICE LINES SHALL BE 6"; SEWER MAINS SHALL BE 8" SDR-26 PVC.
4. WATER SERVICE LINES SHALL BE 3/4" POLYBUTYLENE (1" WHERE NOTED ON PLANS); 12" WATER MAIN ALONG NORTH PARK DRIVE AND VERSAILLES DRIVE, AND THE CONNECTIONS TO THE ELEVATED STORAGE TANK AND TO THE WATER LINE IN WENDOVER PART 2C SHALL BE DUCTILE IRON, CLASS 350. 8" AND 6" WATER MAINS SHALL BE C-900 PVC, CLASS 150.
5. SERVICES FOR WATER AND SEWER SHALL BE LOCATED NEAR THE CENTER OF ALL LOTS WITH 10 FOOT SEPARATION.
6. BACK FILL 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 PEAK DRY DENSITY.
7. DEFLECTION TEST SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACK FILL 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.
8. WATER MAINS SHALL BE INSTALLED WITH 4' MINIMUM COVER UNDER ROADWAY SECTIONS AND 3' MINIMUM COVER ELSEWHERE.
9. CONTRACTOR SHALL MAINTAIN RECORDS DURING CONSTRUCTION OF HORIZONTAL LOCATION OF ALL WATER AND SEWER SERVICES FOR AS BUILT RECORDS.

## INDEX TO DRAWINGS

- 1 COVER SHEET
- 2 GENERAL NOTES AND INDEX TO DRAWINGS
- 3 STREETS & LOT LAYOUT
- 4 WATER & SEWER LAYOUT
- 5 STORM DRAINAGE LAYOUT
- 6 PLAN AND PROFILE - ESPLANADE DRIVE STA. 6+50 - STA. 15+73.98
- 7 PLAN AND PROFILE - VERSAILLES DRIVE (S/E) STA. 0+00 - STA. 13+61.97
- 8 PLAN AND PROFILE - VERSAILLES DRIVE (N) STA. 0+00 - STA. 7+10
- 9 PLAN AND PROFILE - VERSAILLES DRIVE (W) STA. 0+00 - STA. 7+70
- 10 PLAN AND PROFILE - CHATEAU, NAPOLEON, AND BARRONE COURTS
- 11 PLAN AND PROFILE - SANITARY SEWER MAIN EAST OF VERSAILLES DRIVE (W)
- 12 STANDARD MISCELLANEOUS DETAILS
- 13 STANDARD SEWER DETAILS

## LEGEND

—●—	PROPERTY LINE AND CORNER
—	LOT LINE
—	RIGHT OF WAY LINE
---	EASEMENT
----	SETBACK LINE
—	STREET AND ROW CENTER LINE
====	CURB AND GUTTER
—	EXISTING CONTOUR
====●====	EXISTING SANITARY SEWER & MANHOLE
====■====	PROPOSED SANITARY SEWER & MANHOLE
====■====	EXISTING STORM SEWER & CATCH BASIN
====■====	PROPOSED STORM SEWER & CATCH BASIN
----	EXISTING WATER LINE
----	PROPOSED WATER LINE
—V—	PROPOSED WATER VALVE
—X—	PROPOSED FIRE HYDRANT
—T—	PROPOSED TEE
—R—	PROPOSED REDUCER

## RECORD DRAWING

BY: *R. H. HARRIS* DATE: 1/10/2000



MONTRACHET  
A DEVELOPMENT BY  
LAKE HARBOUR ROAD, L.P.

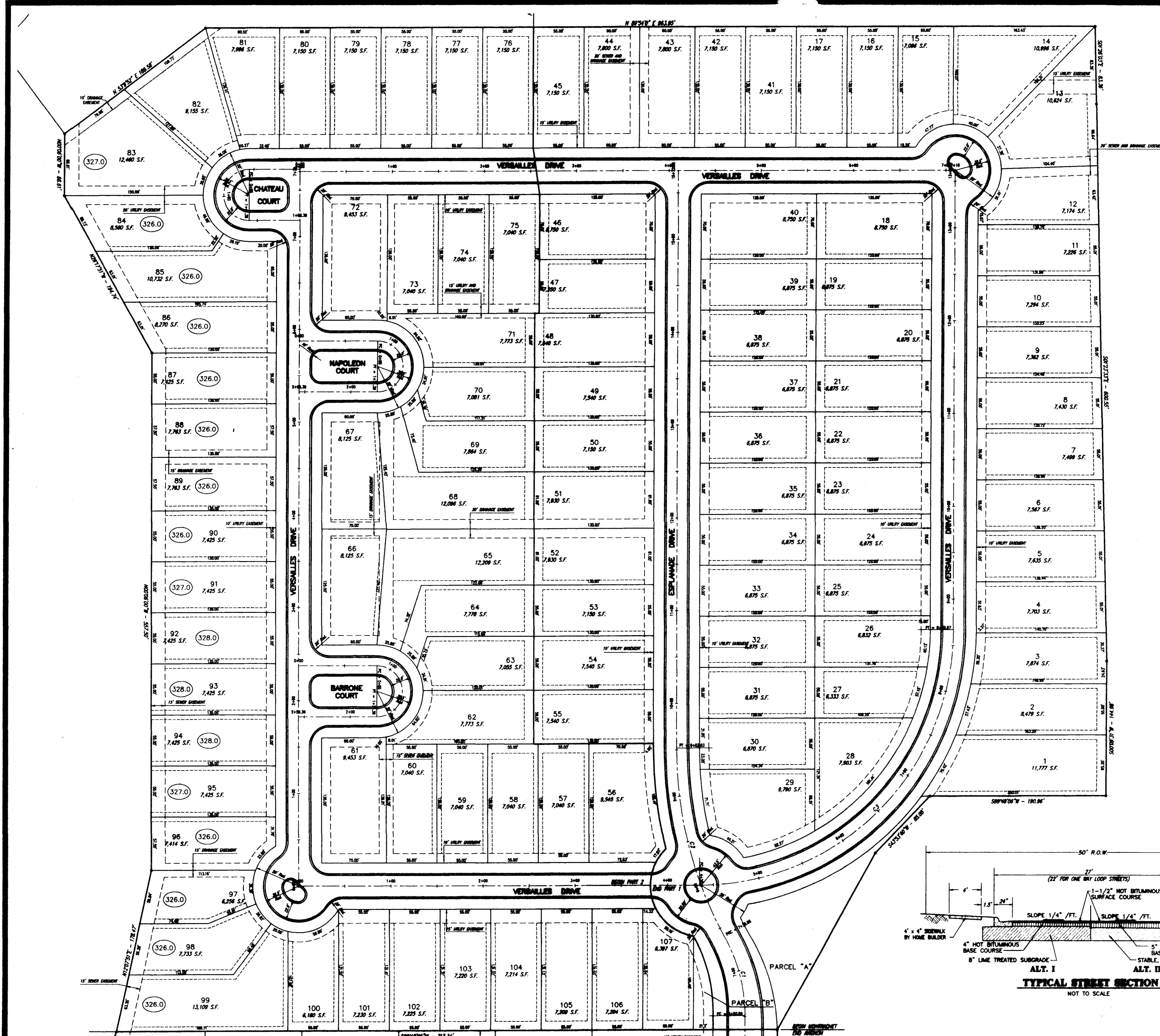
GENERAL NOTES  
AND INDEX TO DRAWINGS

CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI

DATE	REV.	DATE	BY	DATE	BY	DRAWN NO.
1/10/2000		1/10/2000		1/10/2000		2
1/10/2000		1/10/2000		1/10/2000		13

STERLING  
Consultants

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CURVE TABLE			
CURVE NO.	CENTRAL ANGLE	RADIUS	LENGTH
1	263.31°	175.00	87.10
2	282.96°	425.00	213.97
3	90.00°	275.00	431.87

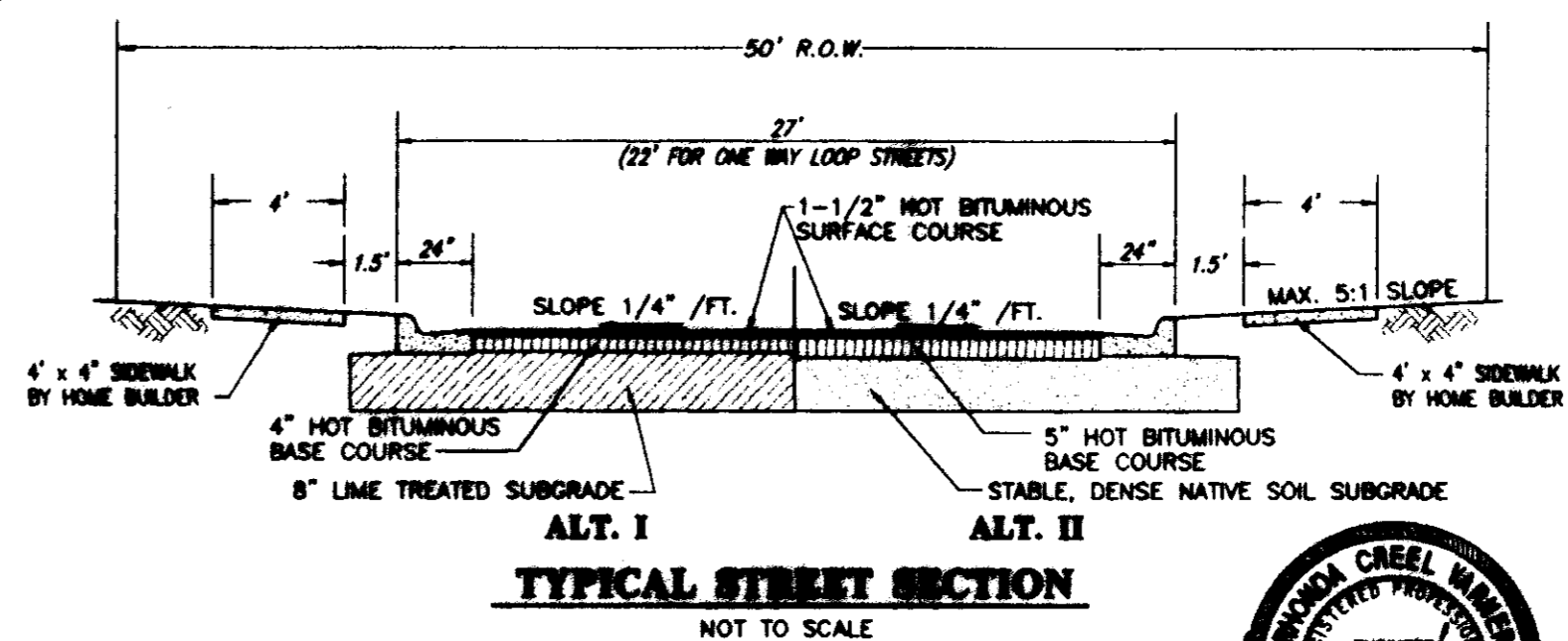
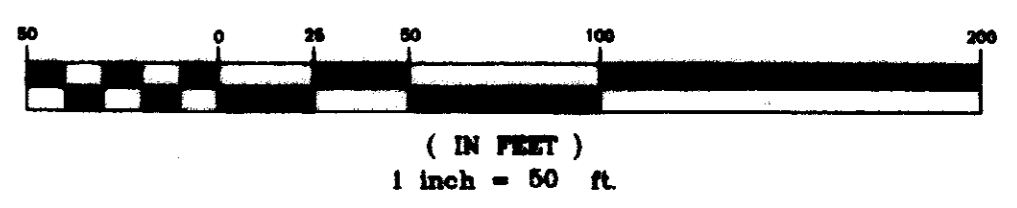
NOTES:  
 WATER SERVICE FOR LOT 76 SHOWN WHERE CONTRACTOR WAS DIRECTED TO INSTALL IT.  
 SEWER SERVICE FOR LOT 74 SHOWN WHERE CONTRACTOR SAID IT WAS INSTALLED.

# RECORD DRAWING

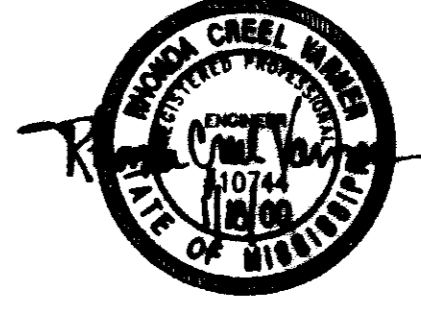
BY: *R. W. Williams* DATE: *1/14/2000*



GRAPHIC SCALE



**TYPICAL STREET SECTION**  
NOT TO SCALE



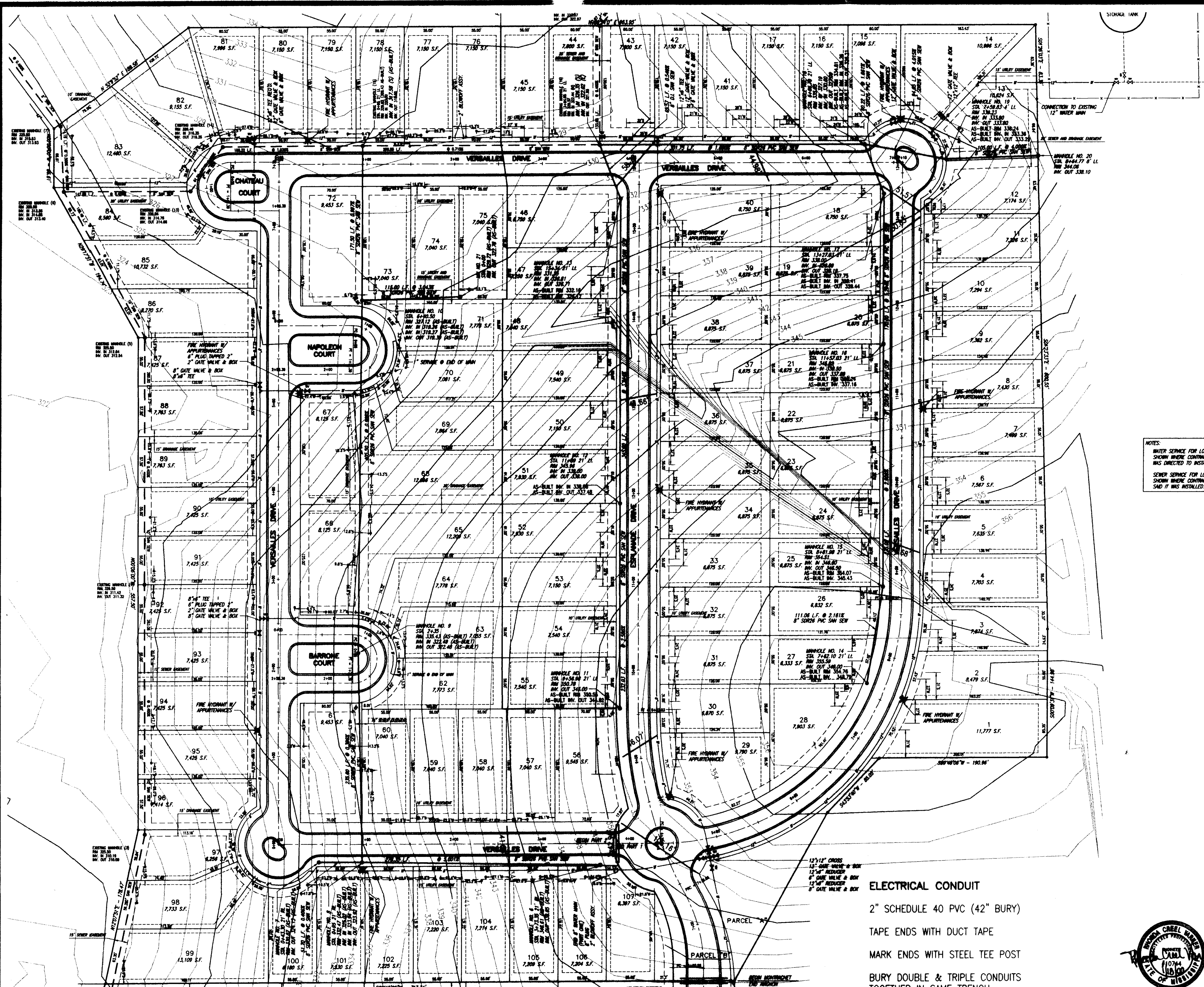
**MONTRACRET  
 A DEVELOPMENT BY  
 LAKE HARBOUR ROAD, L.P.**

## STREETS AND LOT LAYOUT

**CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI**

DESIGN R.C.V.	DATE: 1/14/2000		DRAWING NO. <b>3 of 13</b>
DESIGN P.M.V.	DATE: 1/14/2000		
CHECK R.C.V.	DATE: 1/14/2000		

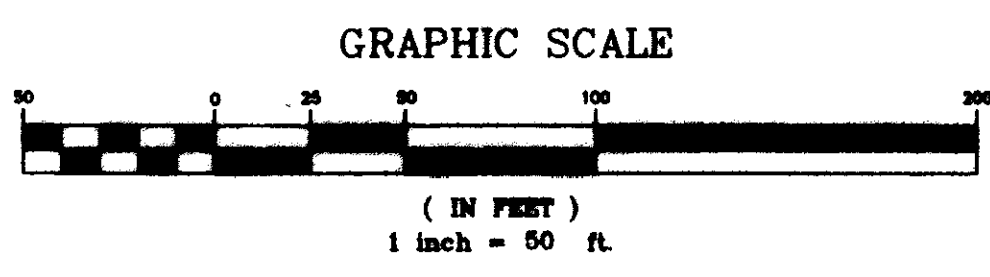
AS-BUILT DRAWINGS - PART 2 (LOTS 56 - 107)	DATE: 1/14/2000
AS-BUILT DRAWINGS - PART 1 (LOTS 1 - 55)	DATE: 1/14/2000



NOTES:  
 WATER SERVICE FOR LOT 76  
 SHOWN WHERE CONTRACTOR  
 HAS DIRECTED TO INSTALL IT.  
 SEWER SERVICE FOR LOT 74  
 SHOWN WHERE CONTRACTOR  
 SAID IT WAS INSTALLED.

**RECORD DRAWING**

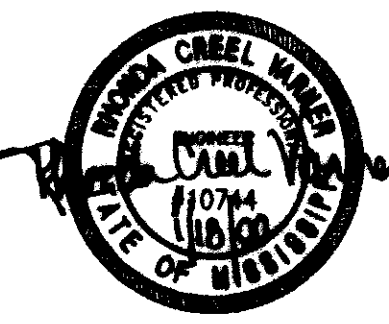
BY: *R. Hanna* DATE: *1/10/2000*



**MONTRACHET  
 A DEVELOPMENT BY  
 LAKE HARBOUR ROAD, L.P.**

**WATER AND SEWER  
 LAYOUT**

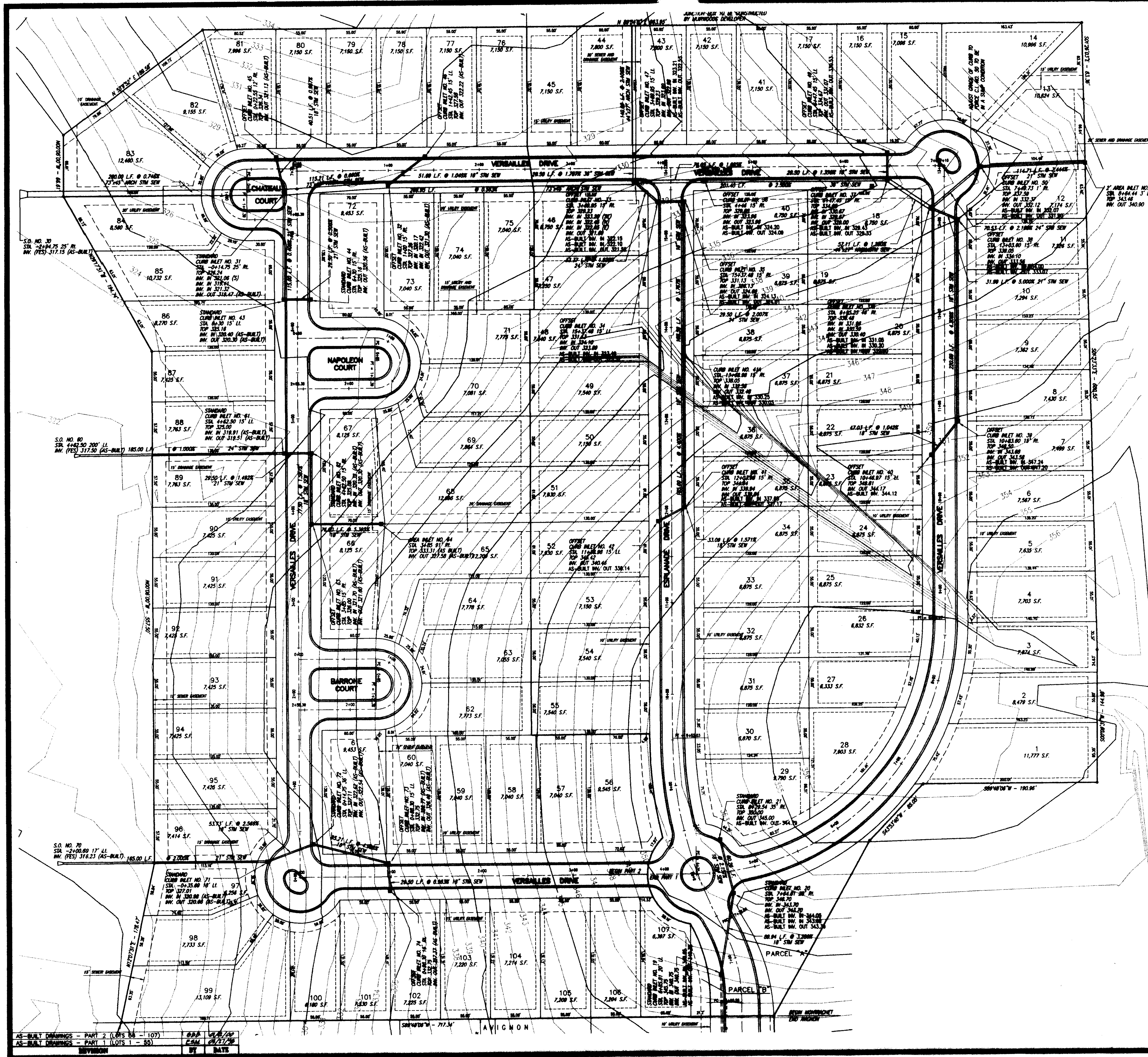
**CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI**



**ELECTRICAL CONDUIT**  
 2" SCHEDULE 40 PVC (42" BURY)  
 TAPE ENDS WITH DUCT TAPE  
 MARK ENDS WITH STEEL TEE POST  
 BURY DOUBLE & TRIPLE CONDUITS  
 TOGETHER IN SAME TRENCH

AS-BUILT DRAWINGS - PART 2 (LOTS 88 - 107)	DATE	1/10/2000
AS-BUILT DRAWINGS - PART 1 (LOTS 1 - 87)	DATE	1/10/2000
REVISION	BY	DATE

DESIGN RCV.	DATE	1/10/01	DRAWING NO. <b>4 - 13</b>
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SCALE	DATE	1/10/01	



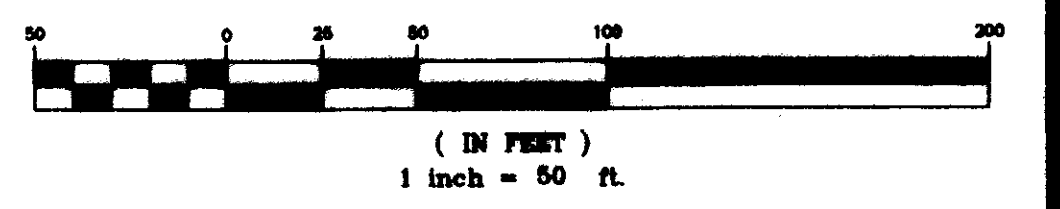
NOTES:  
 WATER SERVICE FOR LOT 76  
 SHOWN WHERE CONTRACTOR  
 WAS DIRECTED TO INSTALL IT.  
 SEWER SERVICE FOR LOT 74  
 SHOWN WHERE CONTRACTOR  
 SAID IT WAS INSTALLED.

# RECORD DRAWING

BY: *R. H. Bates* DATE: 1/16/2000



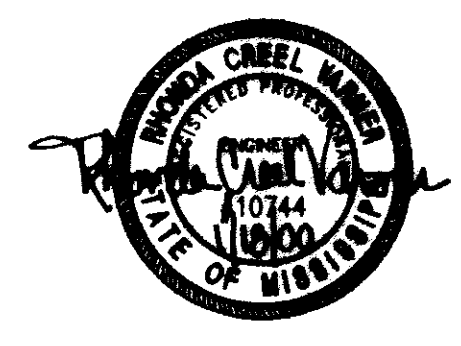
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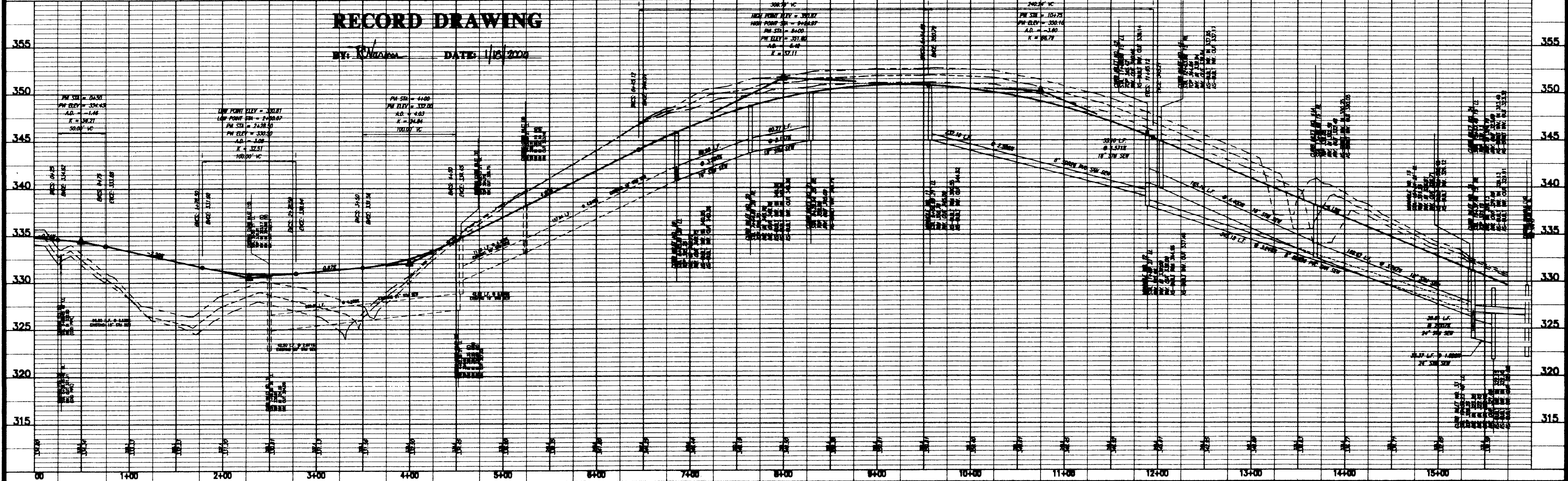
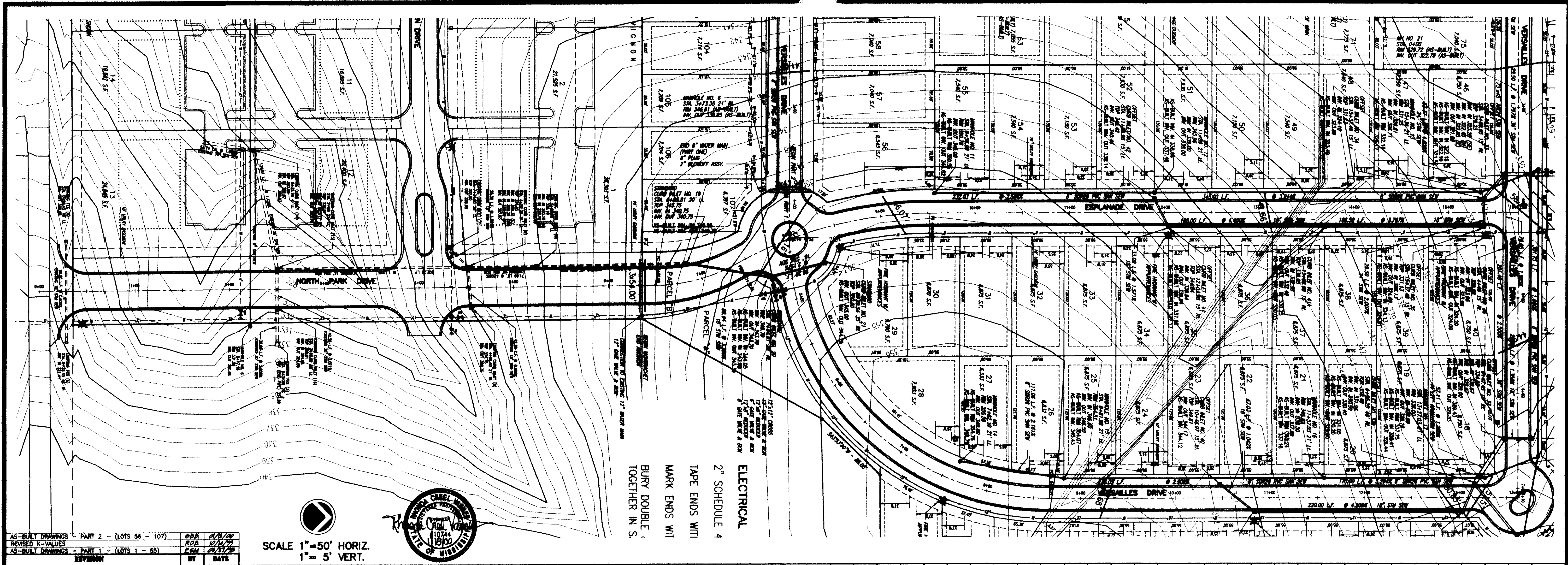
**MONTRACHET  
 A DEVELOPMENT BY  
 LAKE HARBOUR ROAD, L.P.**

**STORM DRAINAGE  
 LAYOUT**

**CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI**



DESIGN: RCV	DATE: 1/24/97		DRAWING NO. <b>5 - 13</b>
DRAWN: PHV	DATE: 1/24/97		
CHECK: RCV	DATE: 1/24/97		



MONTRACHET  
 CITY OF RIDGLAND  
 MADISON COUNTY, MISSISSIPPI

PLAN AND PROFILE - ESPLANADE DRIVE  
 STA. 6+50 - STA. 15+73.98

Prepared For  
 LAKE HARBOUR ROAD, L.P.

Checked By: RCV	Date: 1/18/00
Drawn By: RDB	Date: 1/18/00
Checked By: ESM	Date: 1/18/00
Date: 1-18-2000	Date: 1-18-2000

**STERLING**

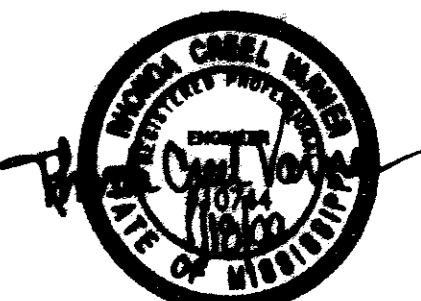
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**6 - 13**



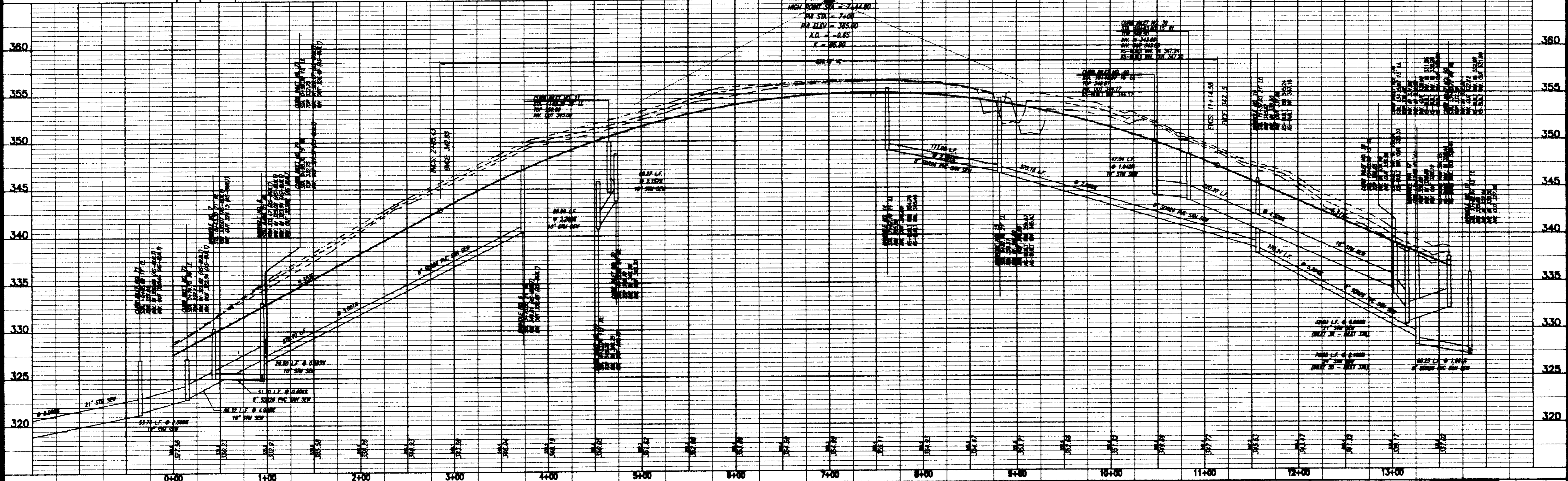
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 REVISED K-VALUES 1/23/20  
 AS-BUILT DRAWINGS - PART 1 - (LOTS 1-55) 1/23/20  
 REVISION BY DATE

**RECORD DRAWING**

BY: *Ronald Chann* DATE: 1/18/20



SCALE 1" = 50' HORIZ.  
 1" = 5' VERT.



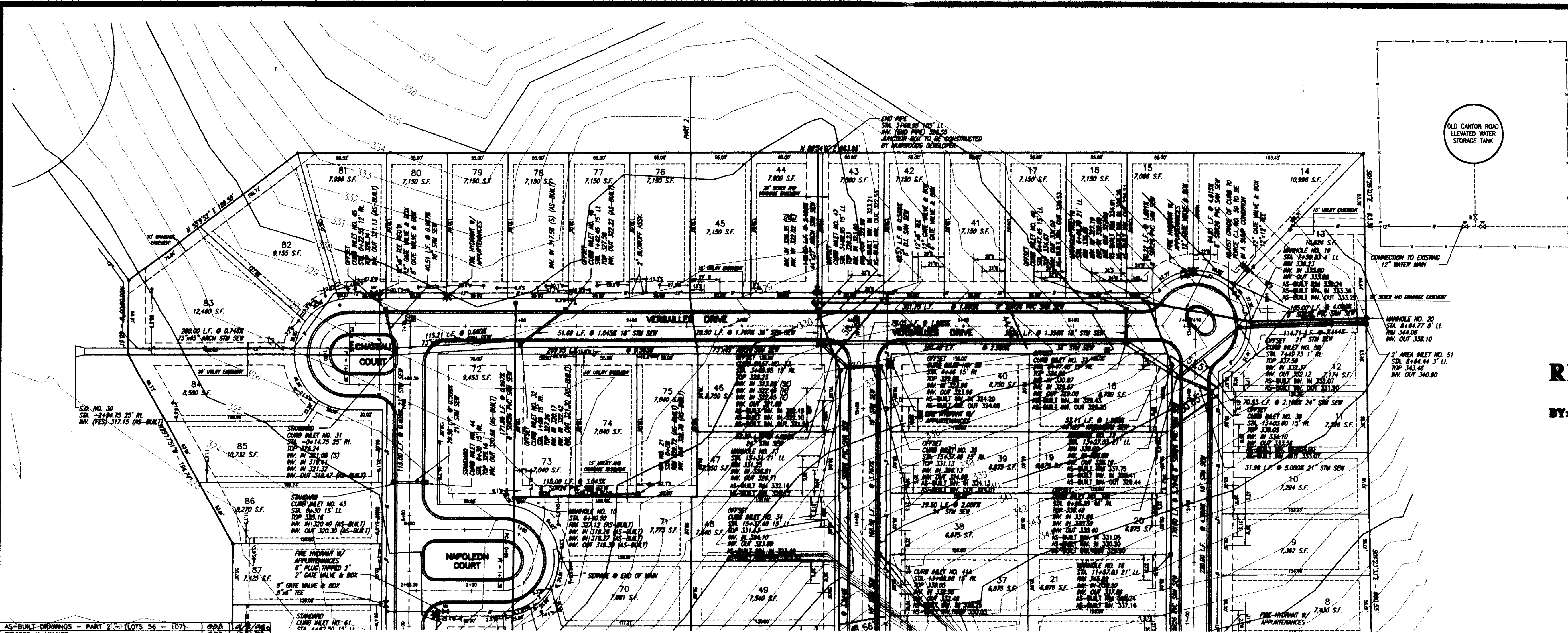
MONTRACHET  
 CITY OF RIDGLAND  
 MADISON COUNTY, MISSISSIPPI

**PLAN AND PROFILE - VERSAILLES DRIVE (S/E)**  
 STA. 0+00 - STA. 13+61.97

Prepared For  
 LAKE HARBOUR ROAD, L.P.

Checked By: RCV, Date: 1/23/20  
 Drawn By: PTH, Date: 1/23/20  
 Title: TRM HOPE, 1-4 VERT.  
 Drawing No. **7 of 13**

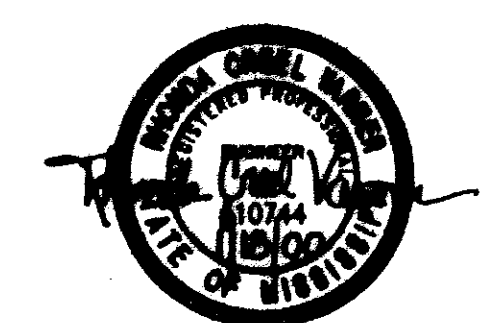




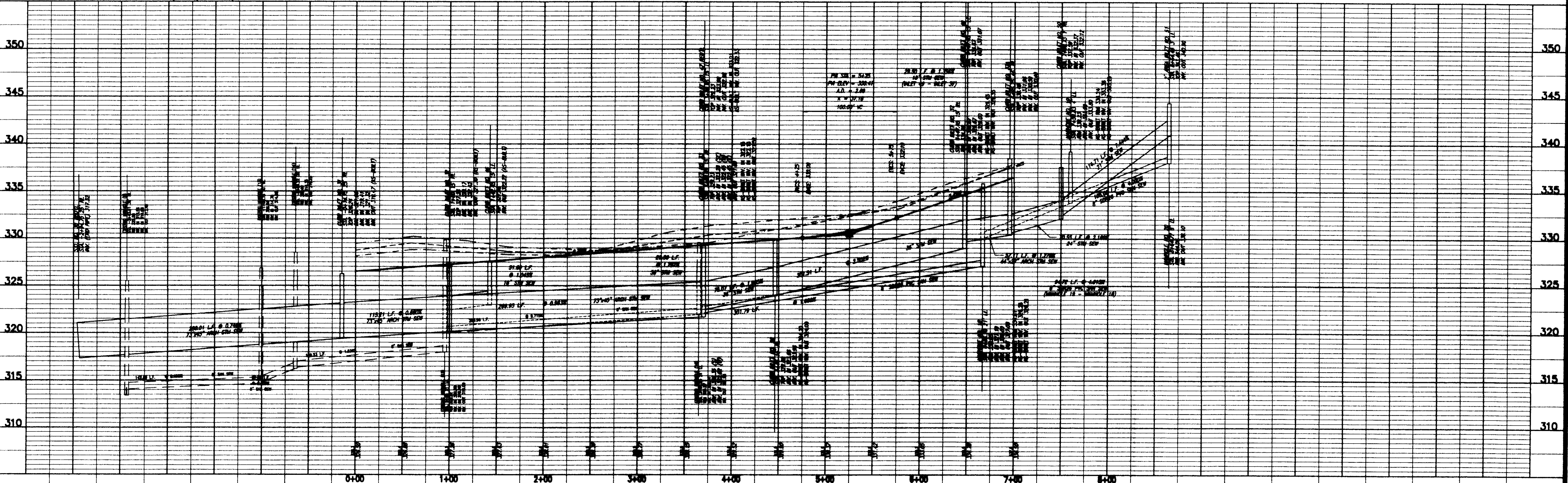
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REVISOR	DATE	BY
AS-BUILT DRAWINGS - PART 1 - (LOTS 1 - 55)	DATE	BY
REVISOR	DATE	BY

# RECORD DRAWING

BY: *R. H. HARRIS* DATE: 1/10/2000



SCALE 1"=50' HORIZ.  
1"= 5' VERT.



MONTRACHET  
CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI

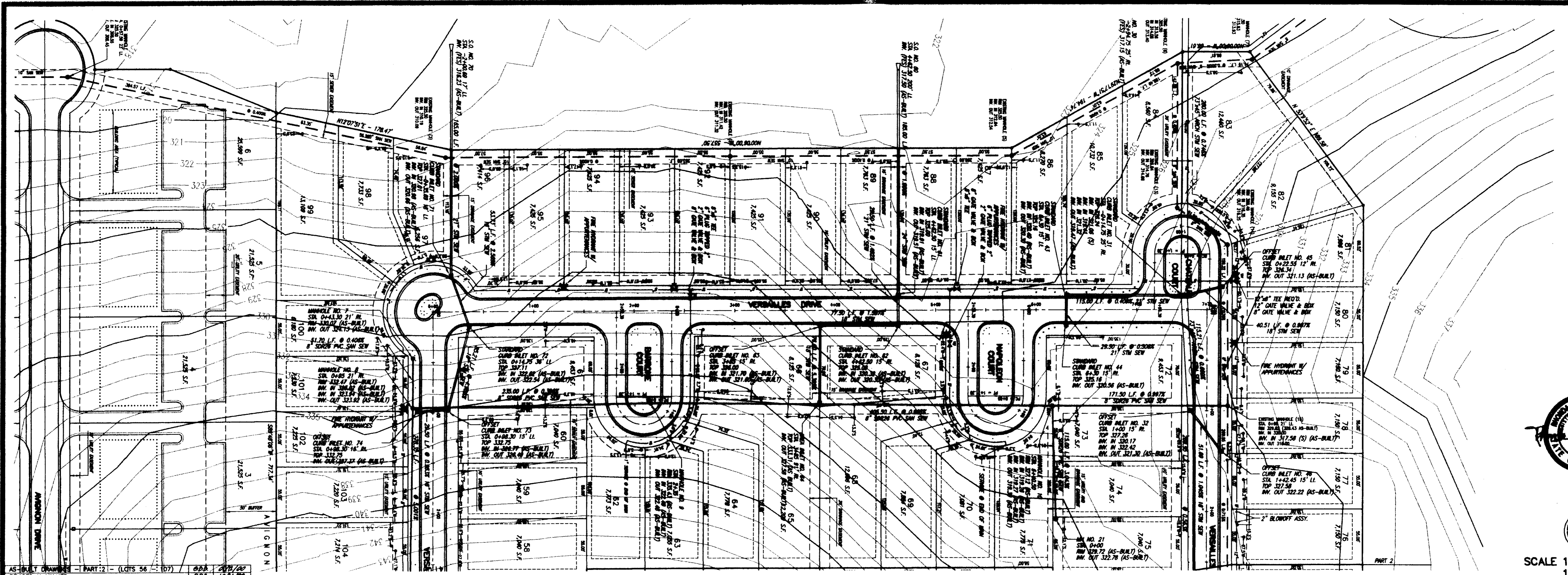
PLAN AND PROFILE - VERSAILLES DRIVE (N)  
STA. 0+00 - STA. 7+10

Prepared For  
LAKE HARBOUR ROAD, L.P.

Drawn By: RGH	DATE: 1/20/00		Drawing No. <b>8 of 13</b>
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Scale: 1"=5' VERT.	DATE: 1/20/00		

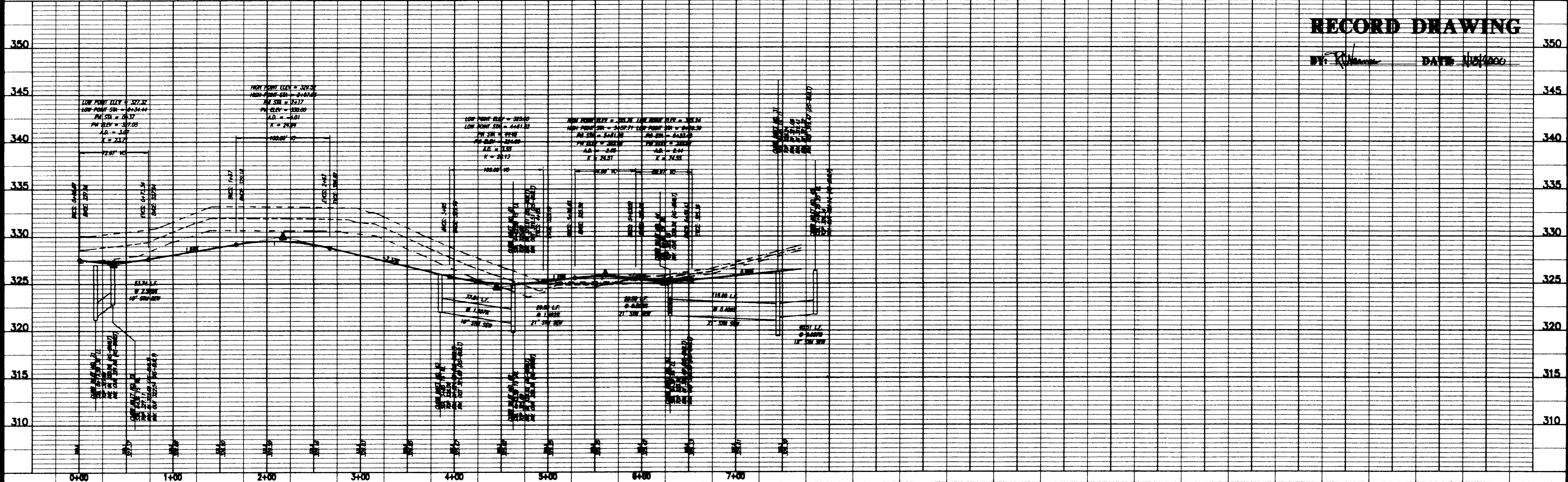
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SCALE 1"=50' HORIZ.  
1"= 5' VERT.

AS-BUILT DRAWINGS - PART 2 - (LOTS 56 - 107)	APP	1/21/00
REVISED K-VALUES	RDA	1/21/00
AS-BUILT DRAWINGS - PART 1 - (LOTS 1 - 55)	CBH	1/21/00
REVISION	BY	DATE



**RECORD DRAWING**

BY: *R. Williams* DATE: *1/21/00*

MONTRACHET  
CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI

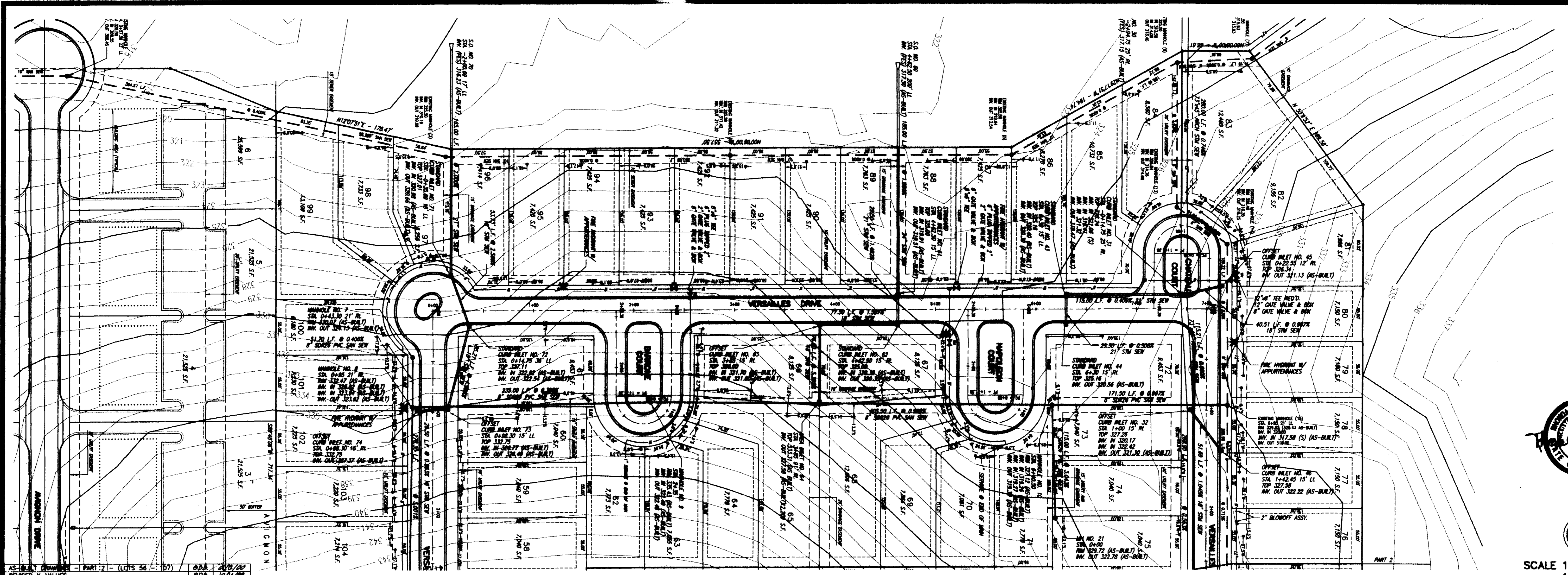
**PLAN AND PROFILE - VERSAILLES DRIVE (W)  
STA. 0+00 - STA. 7+70**

Prepared For  
LAKE HARBOUR ROAD, L.P.

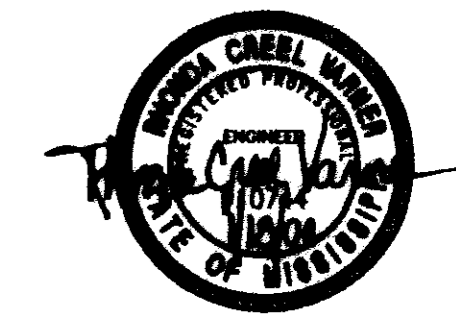
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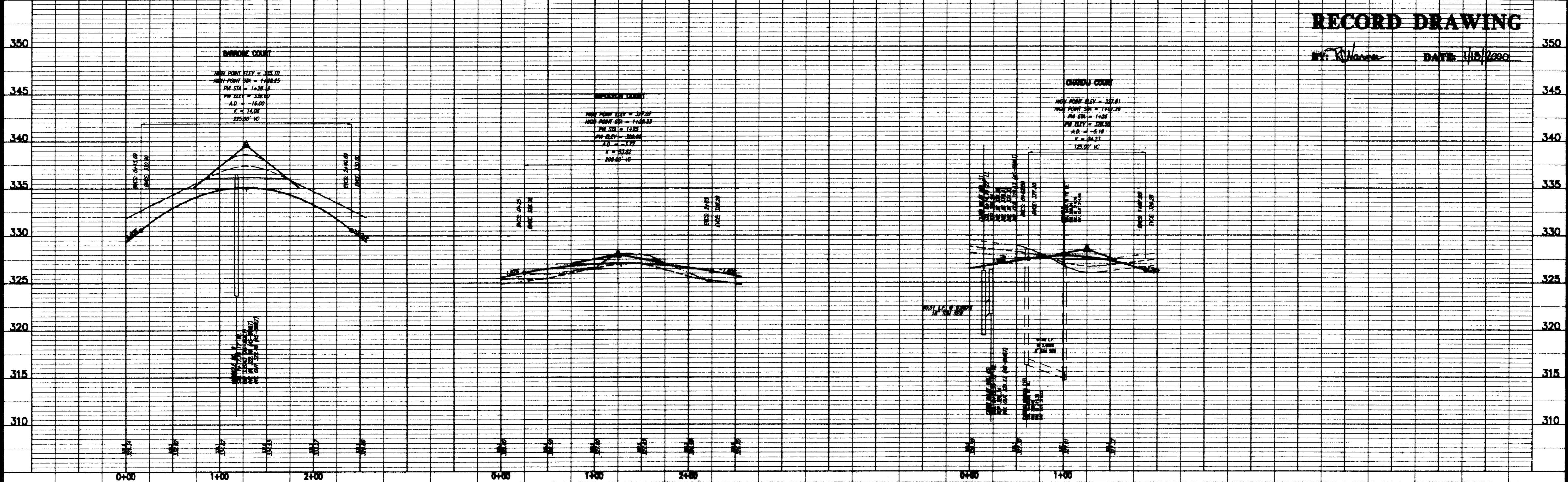
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**9 of 13**



AS-BUILT DRAWING - PART 2 - (LOTS 56 - 107)	ODD	1/17/00
REVISED K-VALUES	RDB	1/17/00
AS-BUILT DRAWING - PART 1 - (LOTS 1 - 55)	EAN	6/23/99
REVISION	BY	DATE



SCALE 1" = 50' HORIZ.  
1" = 5' VERT.



**RECORD DRAWING**

BY: *R. Williams* DATE: 1/18/2000

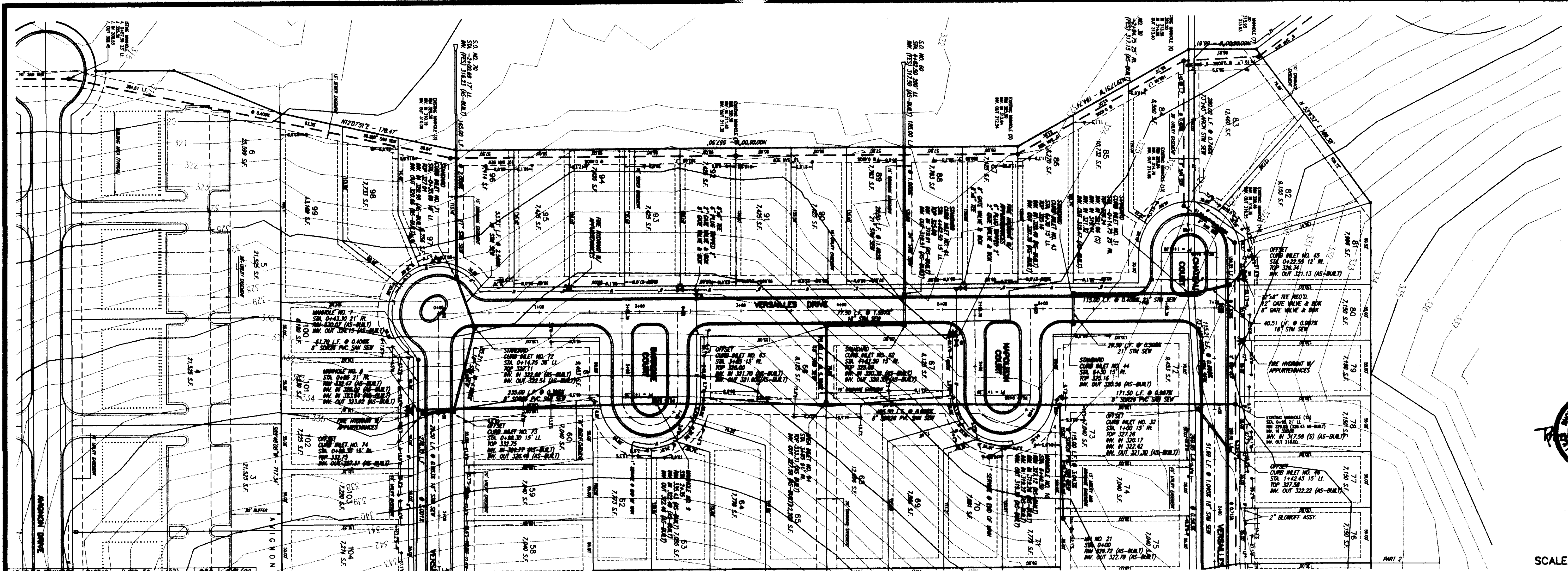
MONTRACHET  
CITY OF RIDGELAND  
MADESON COUNTY, MISSISSIPPI

**PLAN AND PROFILE - CHATEAU, NAPOLEON, AND BARRONE COURTS**

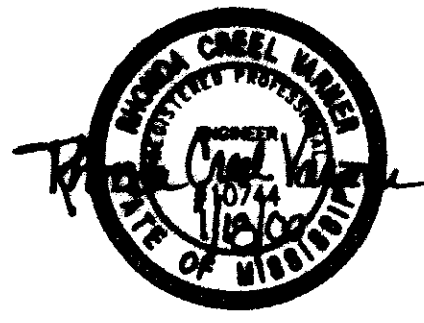
Prepared For  
LAKE HARBOUR ROAD, L.P.

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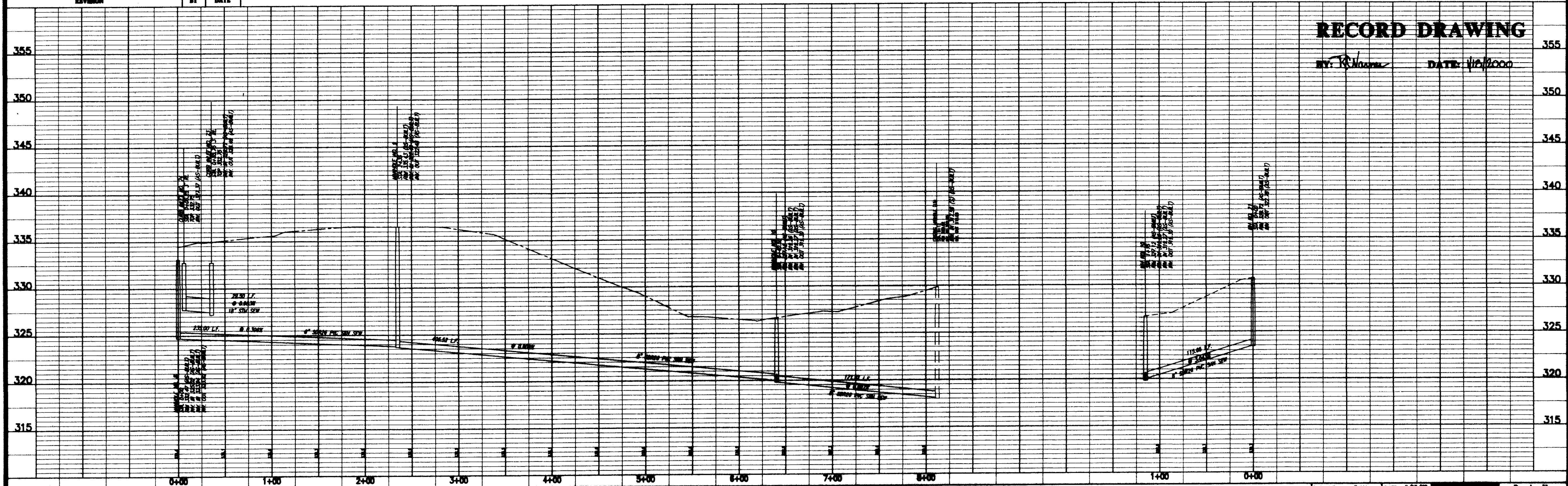
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AS-BUILT DRAWINGS - PART 2 - (LOTS 56 - 67)	BY	DATE
REVISED K-VALUES	RDB	1/14/00
AS-BUILT DRAWINGS - PART 1 - (LOTS 1 - 55)	FBM	6/17/98
REVISION	BY	DATE



SCALE 1" = 50' HORIZ.  
1" = 5' VERT.



**RECORD DRAWING**

BY: *R. Williams* DATE: 1/10/2000

MONTRACRET  
CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI

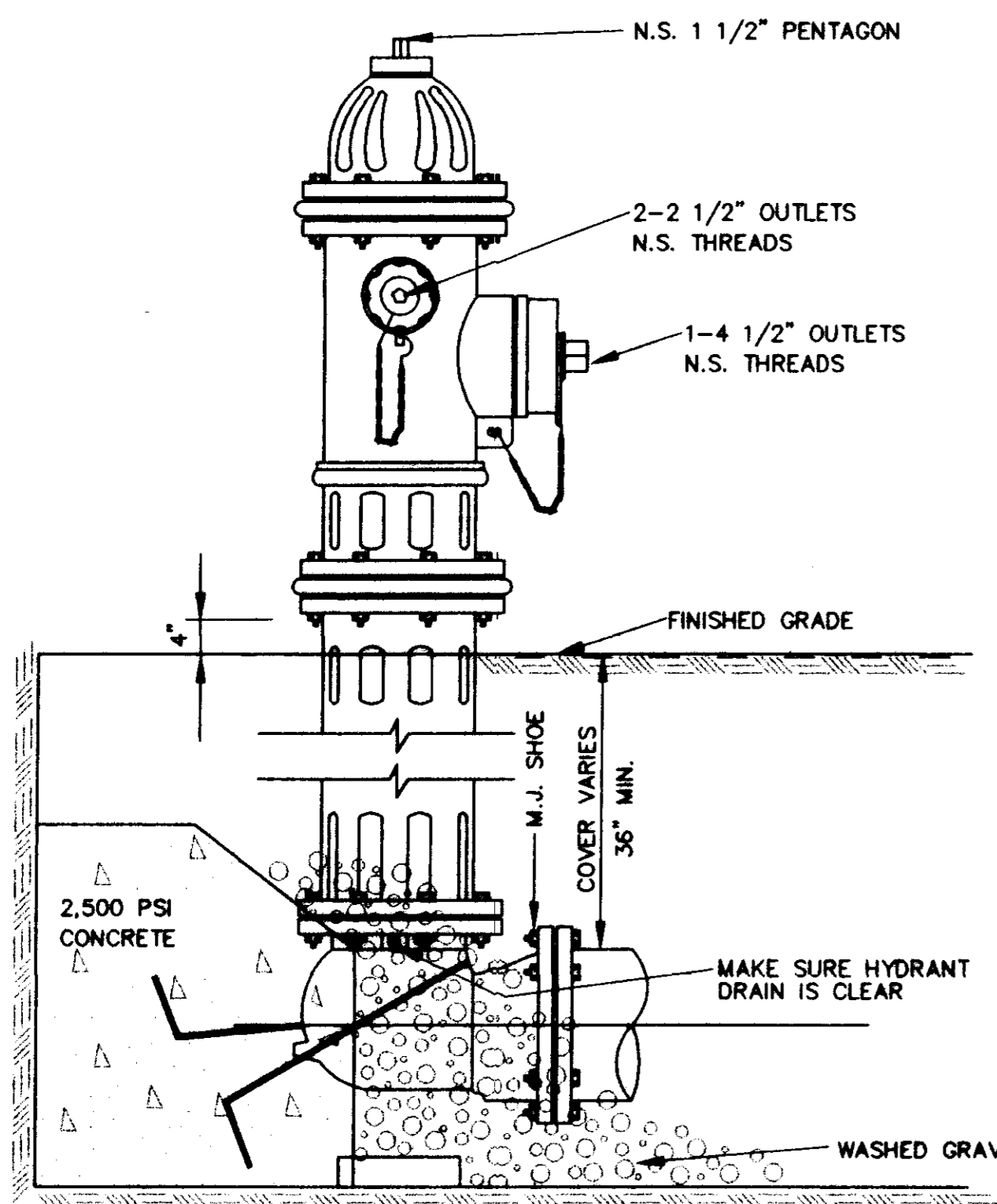
**PLAN AND PROFILE - SANITARY SEWER MAIN EAST OF VERSAILLES DRIVE (W)**

Prepared For  
LAKE HARBOUR ROAD, L.P.

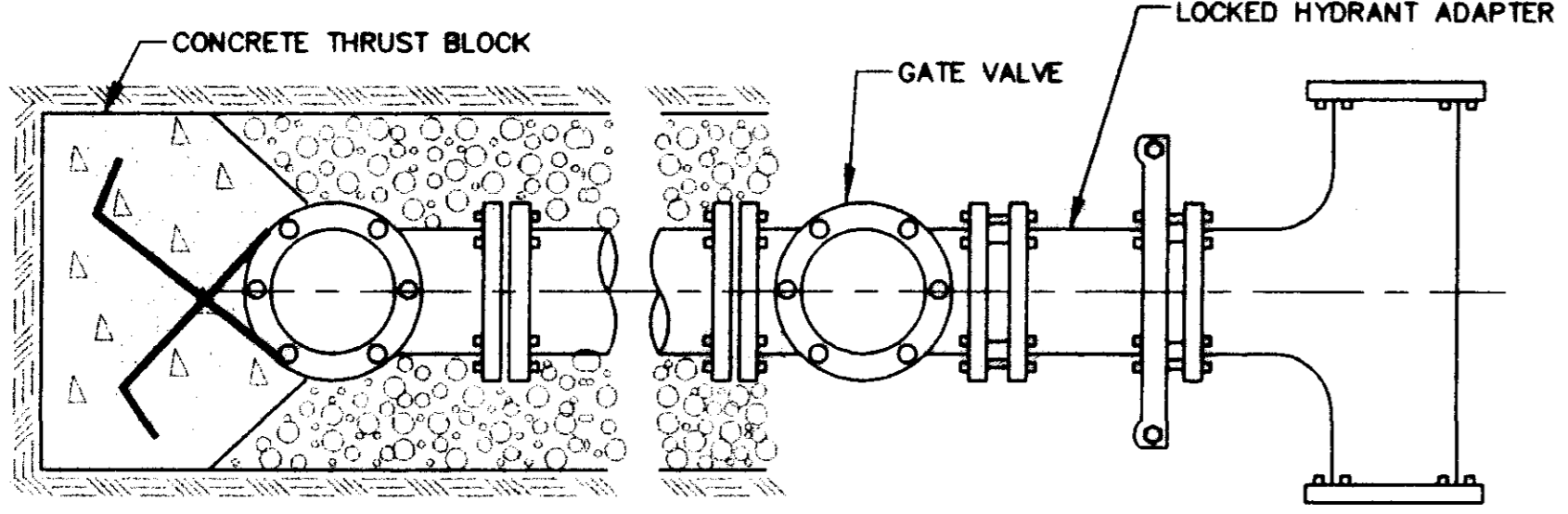
Checked By	RGV	DATE	1/15/01
Drawn By	PHW	DATE	1/15/01
Checked By	RGV	DATE	1/22/01
Scale	1" = 50' HORIZ.	1" = 5' VERT.	

**STERLING**  
CONSULTANTS

Drawing No. **11 of 13**



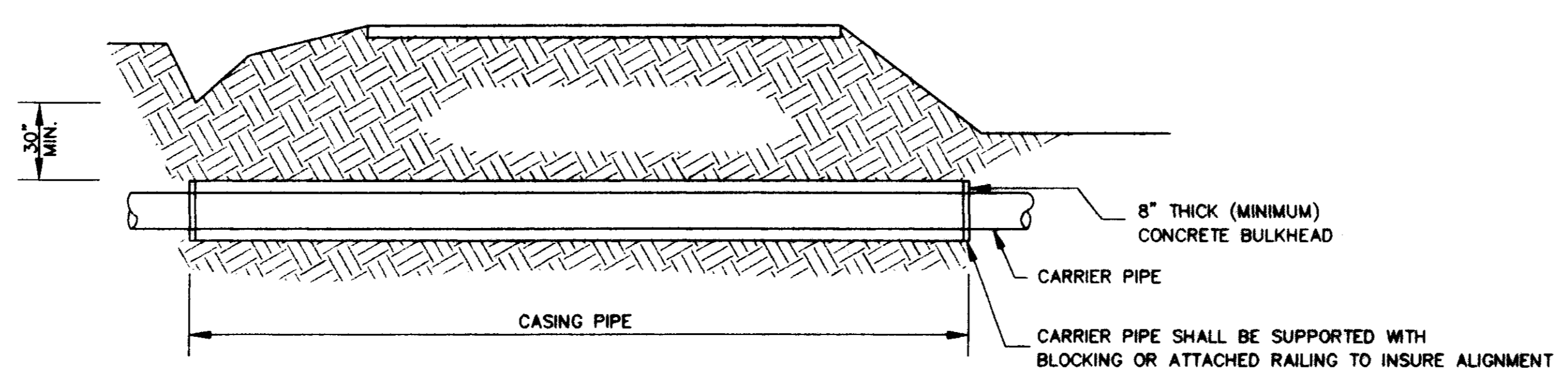
**ELEVATION**



**PLAN**

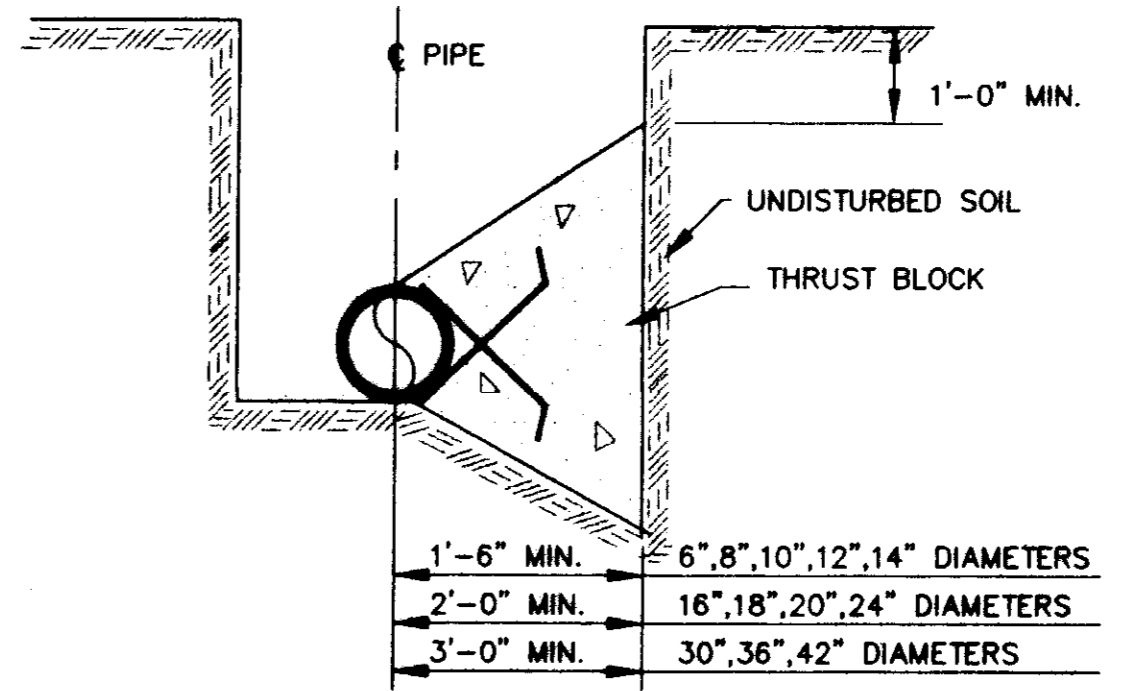
**TYPICAL FIRE HYDRANT INSTALLATION**

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

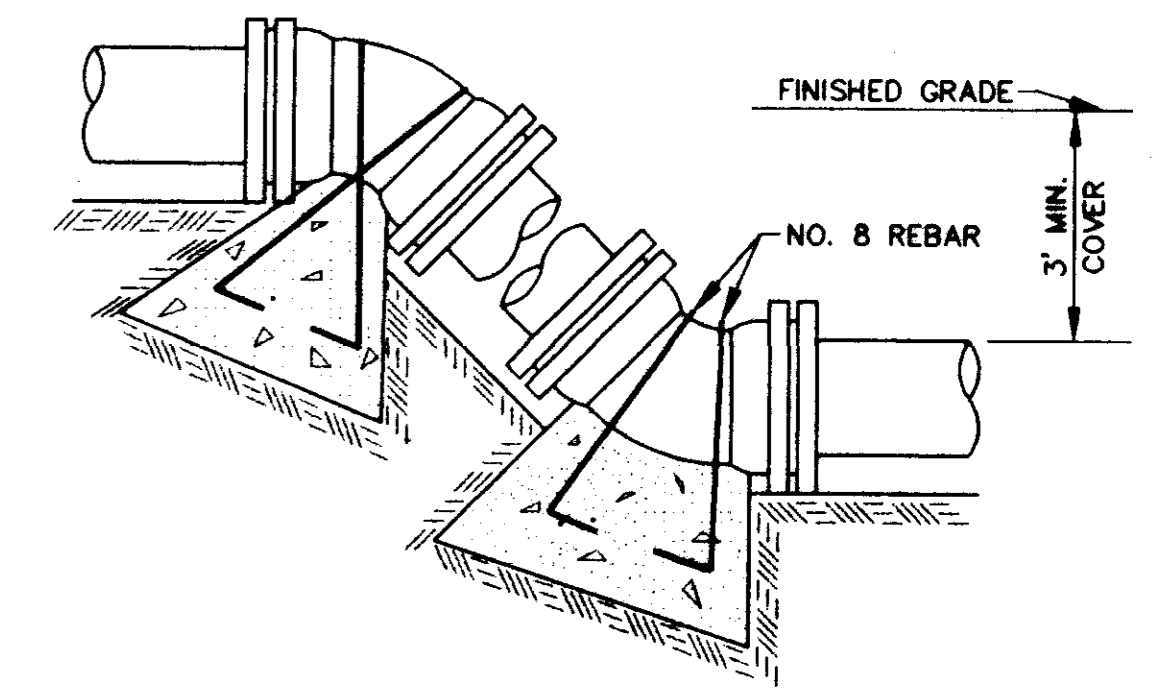


**TYPICAL BORE SECTION**

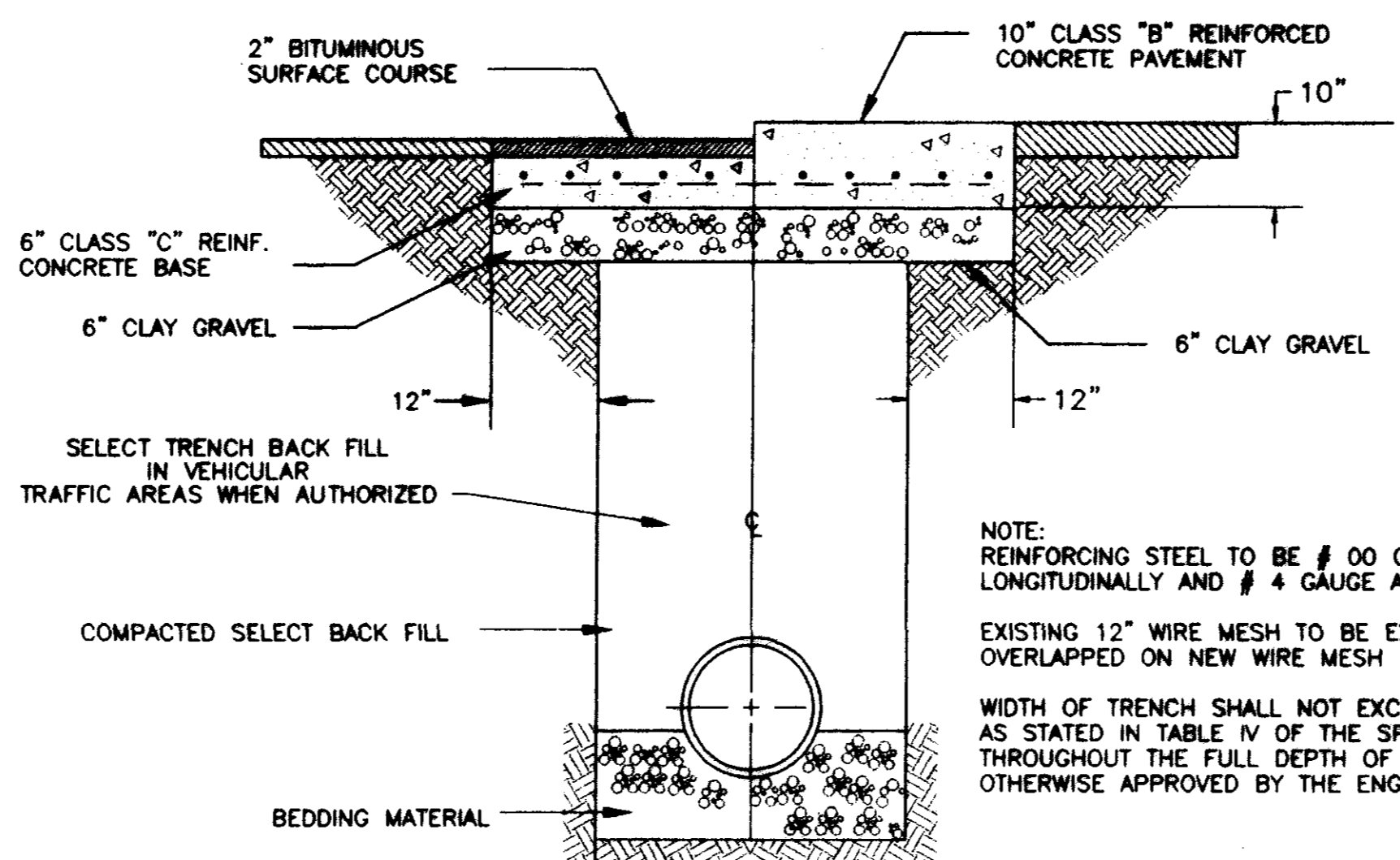
NOT TO SCALE



**TYPICAL CROSS SECTION**



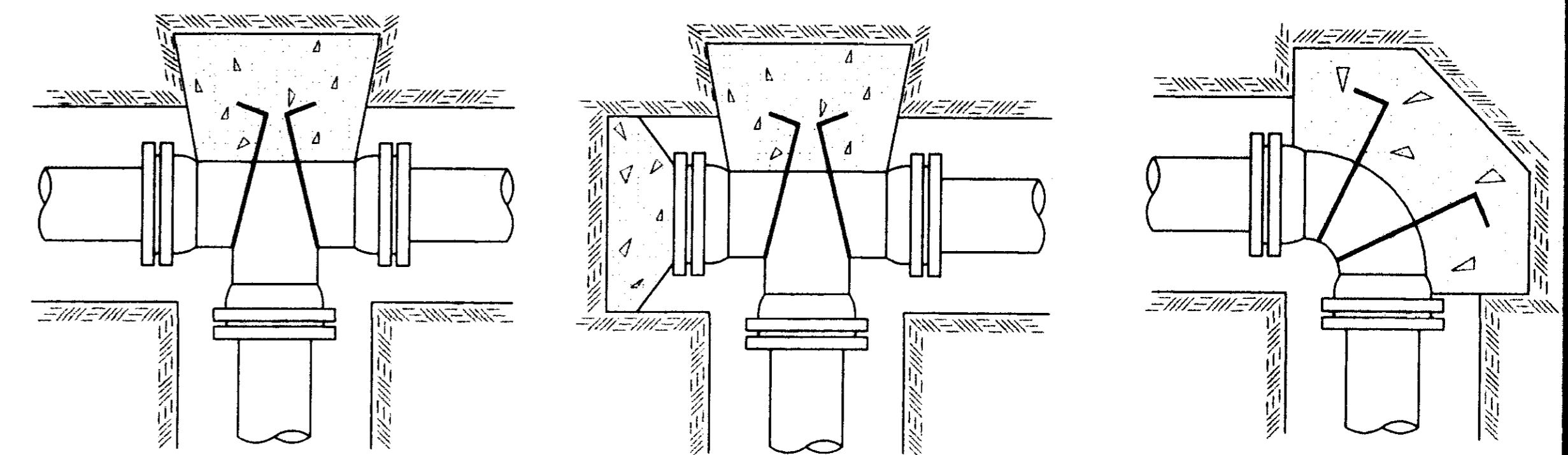
**VERTICAL BENDS**



**TYPICAL ROADWAY SECTION**

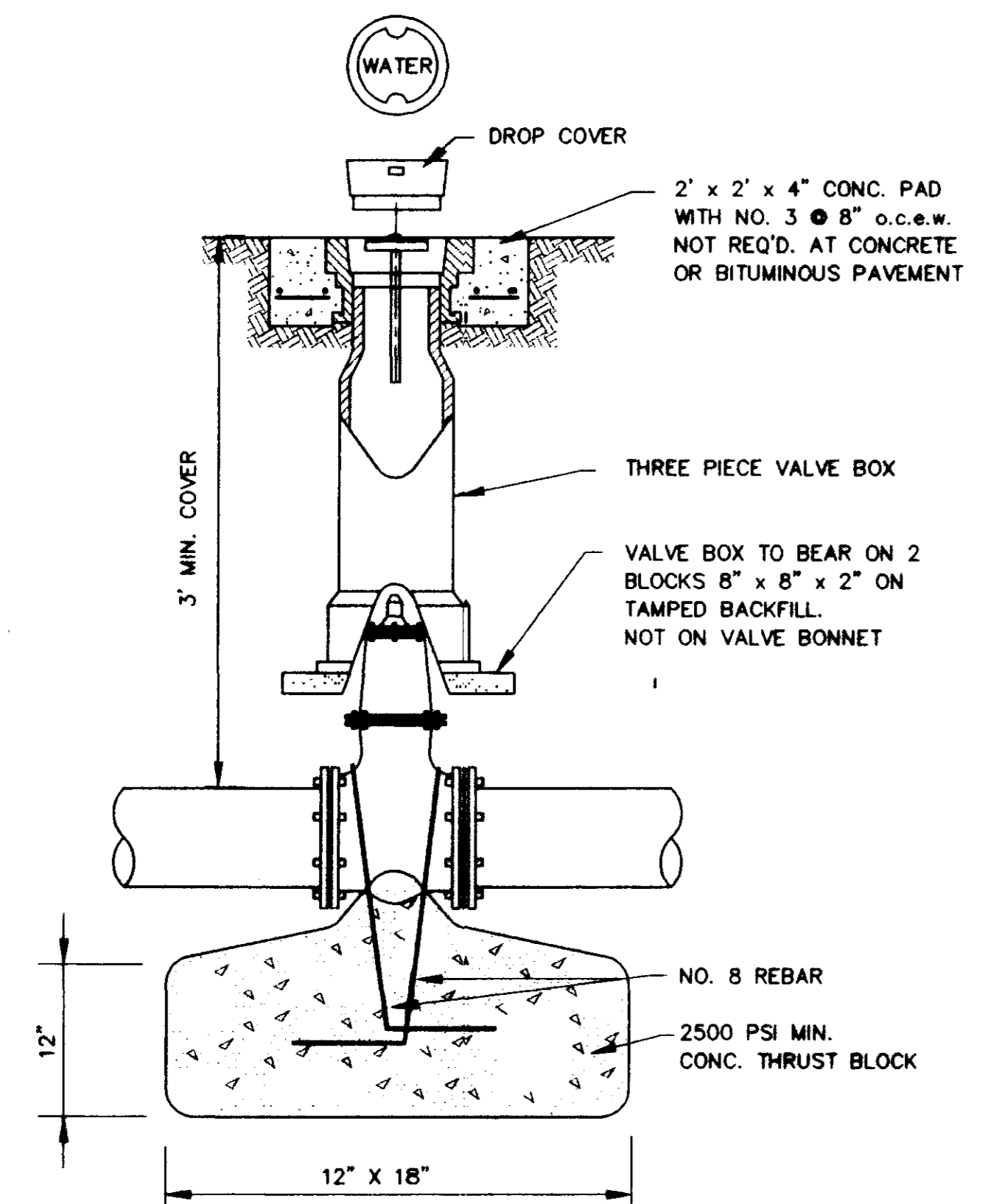
NOT TO SCALE

NOTE:  
REINFORCING STEEL TO BE # 00 GAUGE AT 6" O.C. LONGITUDINALLY AND # 4 GAUGE AT 12" TRANSVERSE.  
EXISTING 12" WIRE MESH TO BE EXPOSED AND OVERLAPPED ON NEW WIRE MESH  
WIDTH OF TRENCH SHALL NOT EXCEED MAXIMUM WIDTH AS STATED IN TABLE IV OF THE SPECIAL PROVISIONS THROUGHOUT THE FULL DEPTH OF TRENCH UNLESS OTHERWISE APPROVED BY THE ENGINEER



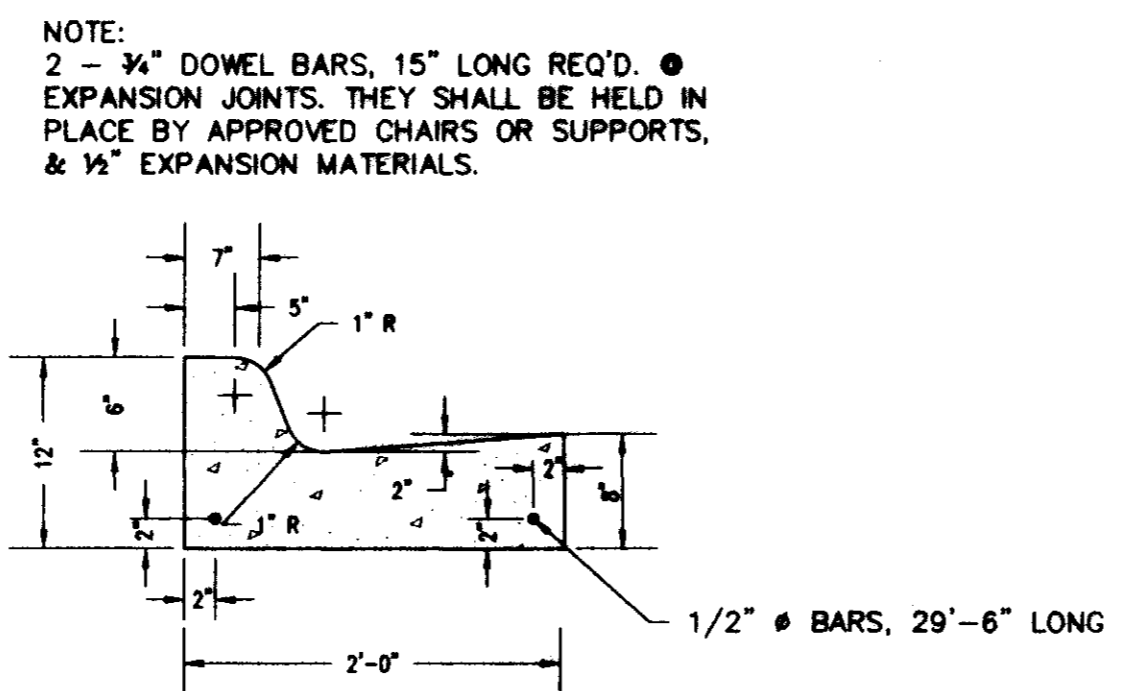
**TYPICAL THRUST BLOCKING IN WATER MAINS AND SEWAGE FORCE MAINS**

NOTE: ALL THRUST BLOCKS 2,500 PSI CONCRETE AGAINST UNDISTURBED EARTH



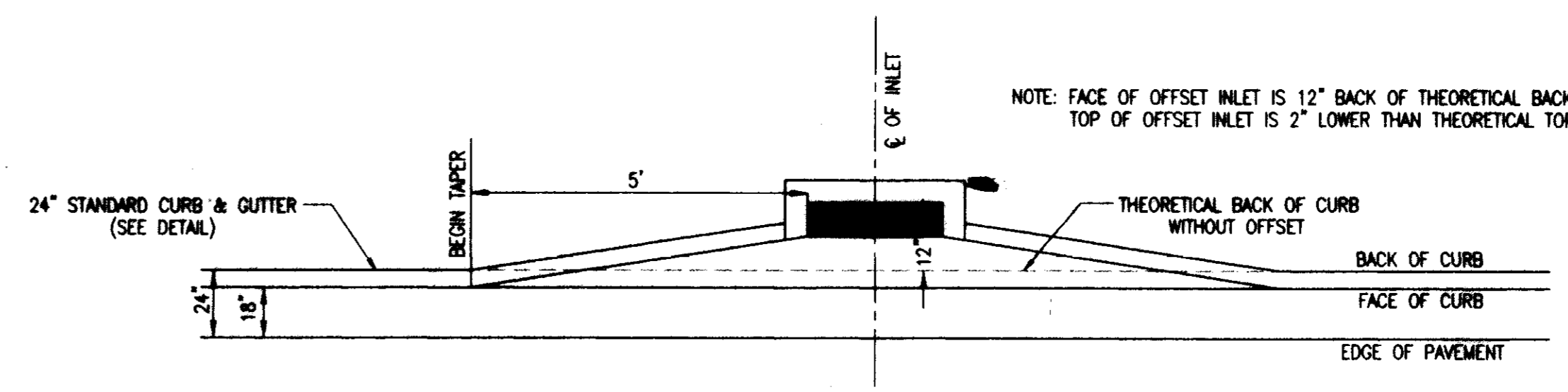
**GATE VALVE DETAIL**

NOT TO SCALE



**STANDARD CURB AND GUTTER**

N.T.S.



**OFFSET CURB INLET DETAIL**

N.T.S.

NOTE: FACE OF OFFSET INLET IS 12" BACK OF THEORETICAL BACK OF CURB LINE. TOP OF OFFSET INLET IS 2" LOWER THAN THEORETICAL TOP OF CURB.

**RECORD DRAWING**

BY: *R. Wanner* DATE: 1/18/2000



**MONTRACHET A DEVELOPMENT BY LAKE HARBOUR ROAD, L.P.**

**STANDARD MISCELLANEOUS DETAILS**

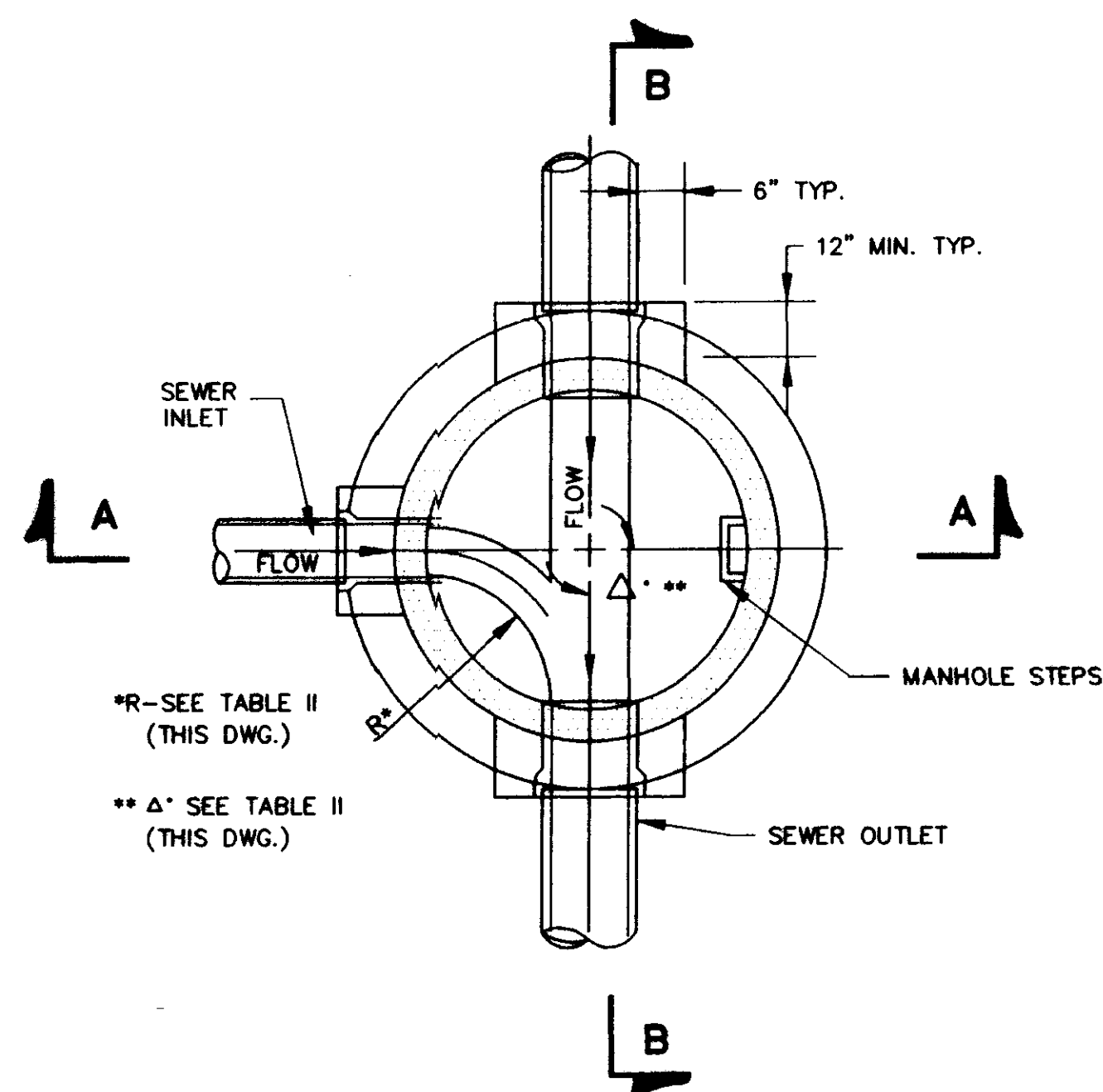
**CITY OF RIDGELAND MADISON COUNTY, MISSISSIPPI**

DESIGN	REV	DATE	BY
REVISED	RDB	DATE	1/18/01
CHECK	REV	DATE	1/18/01
DATE	1/18/01		

STERLING CONSULTANTS, INC.

DRAWING NO. 12 OF 13

6:\cress\01-103\01-103-004.dwg Tue Jan 18 14:11:34 2000 Ginny Bates - Sterling Consultants, Inc.



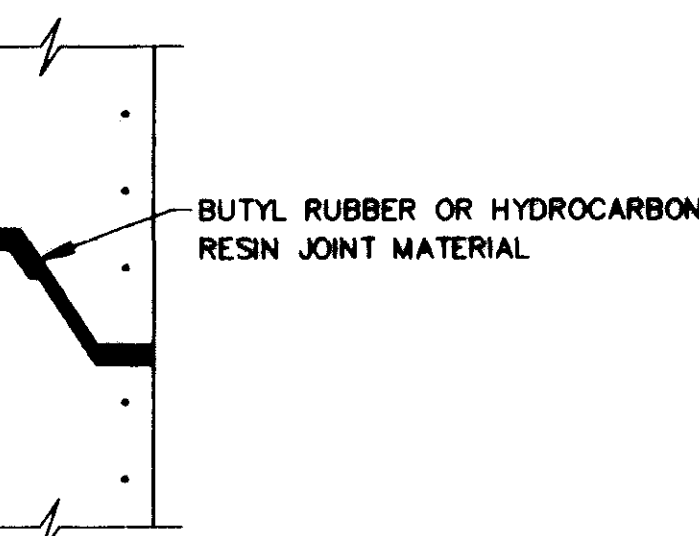
\*R-SEE TABLE II (THIS DWG.)  
 \*\*A-SEE TABLE II (THIS DWG.)

**SECTIONAL PLAN  
 STANDARD MANHOLE**

NOT TO SCALE

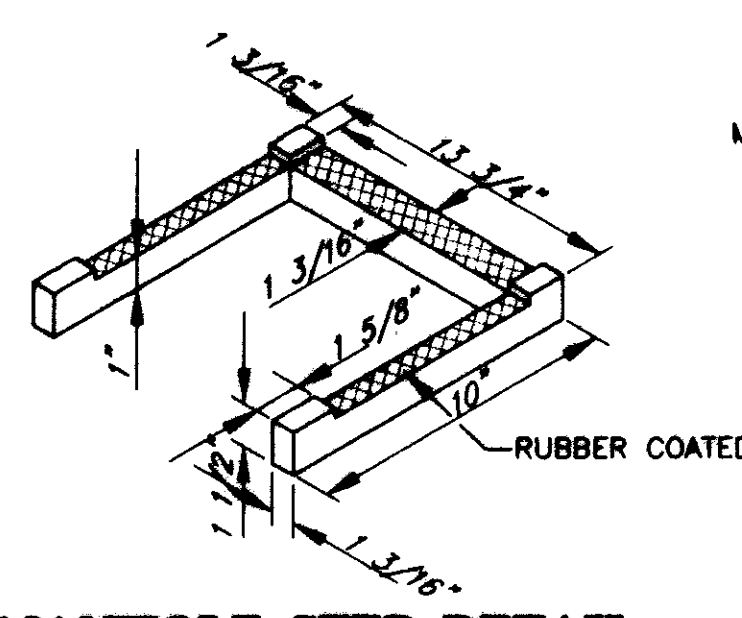
TABLE II GOVERNING DIMENSIONS FOR MANHOLES			
PIPE SIZE	Δ ANGLE	BASE DIAMETER **	"R" *
8" THRU 12"	0° TO 90°	4"	1'- 8"
15"	0° TO 60°	4"	1'- 10"
15"	60° TO 90°	4"	1'- 10"
18"	0° TO 60°	4"	2'- 3"
18"	60° TO 90°	4"	1'- 10"
21"	0° TO 60°	4"	2'- 7"
21"	60° TO 90°	5"	2'- 4"
24"	0° TO 45°	4"	3'- 0"
24"	45°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



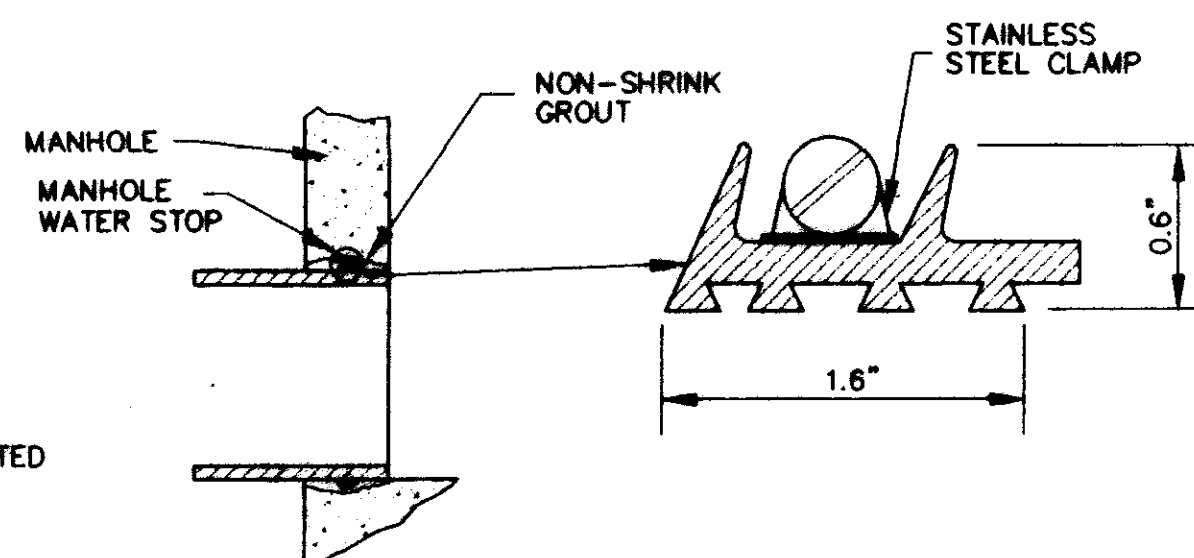
**TYPICAL PRECAST CONCRETE  
 MANHOLE JOINT DETAIL**

N.T.S.



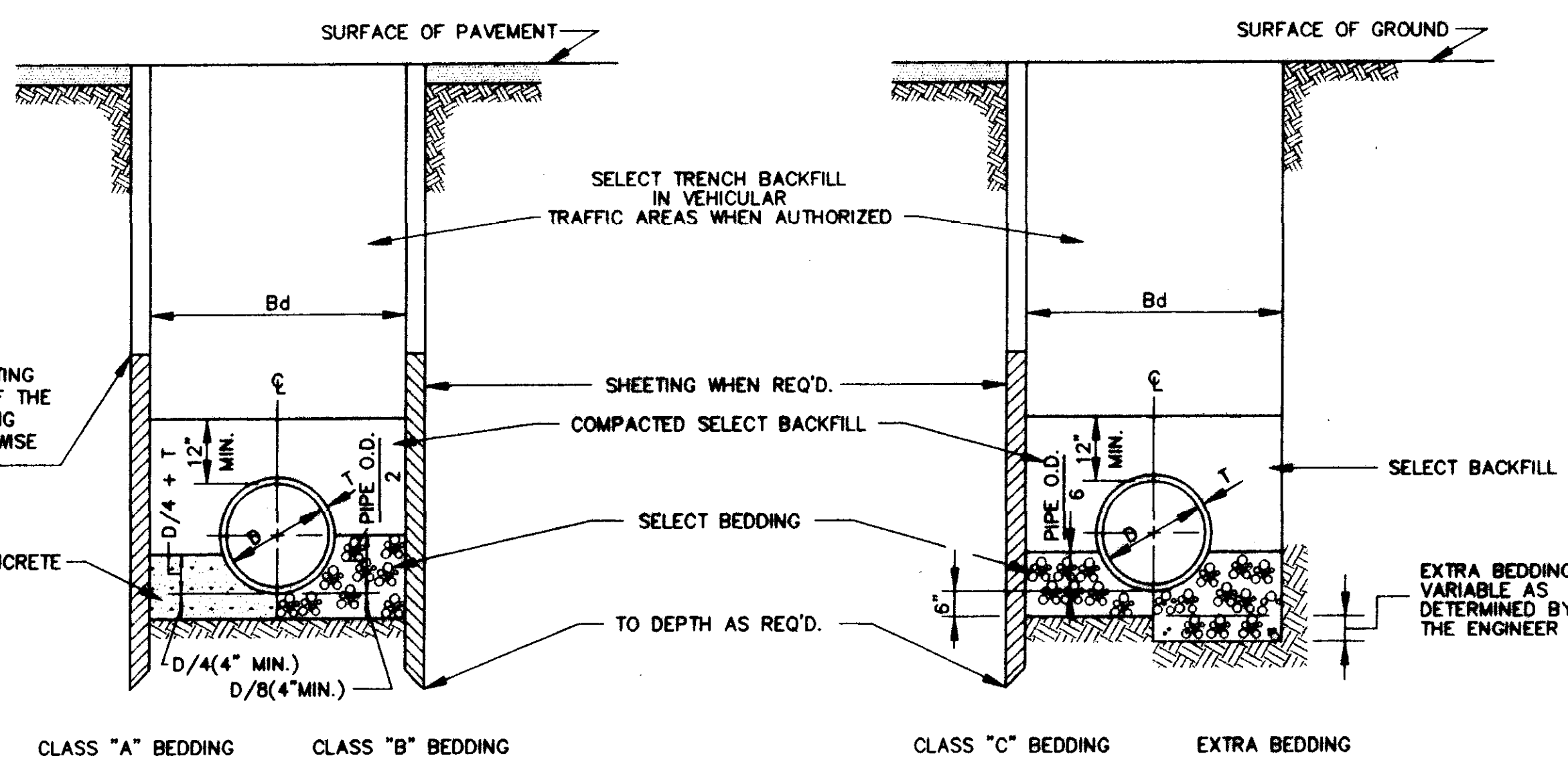
**MANHOLE STEP DETAIL**

NOT TO SCALE



**TYPICAL MANHOLE WATER STOP  
 FOR ABS, CLAY OR PVC PIPE**

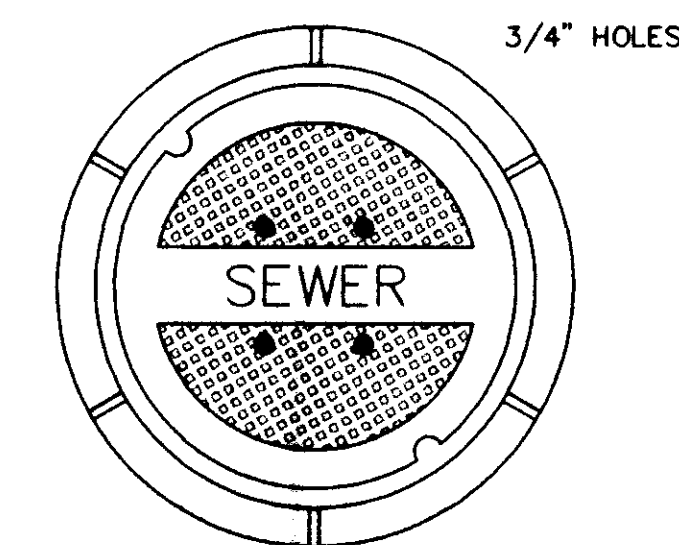
EXISTING AND "STRADDLE" MANHOLES  
 N.T.S.



BEDDING FOR VITRIFIED CLAY, CONCRETE & ABS PIPE

**TYPICAL TRENCH DETAILS**

NOT TO SCALE

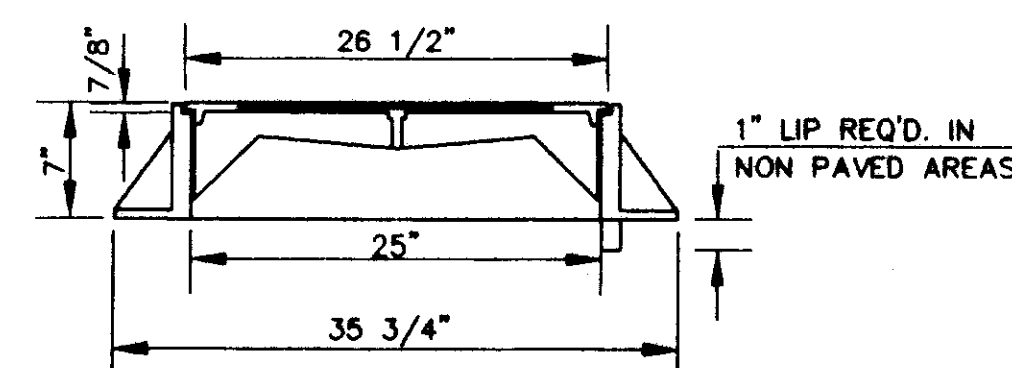


**TOP PLAN OF COVER**

FRAME & COVER WEIGHT 420 LBS.

**STANDARD MANHOLE FRAME AND COVER**

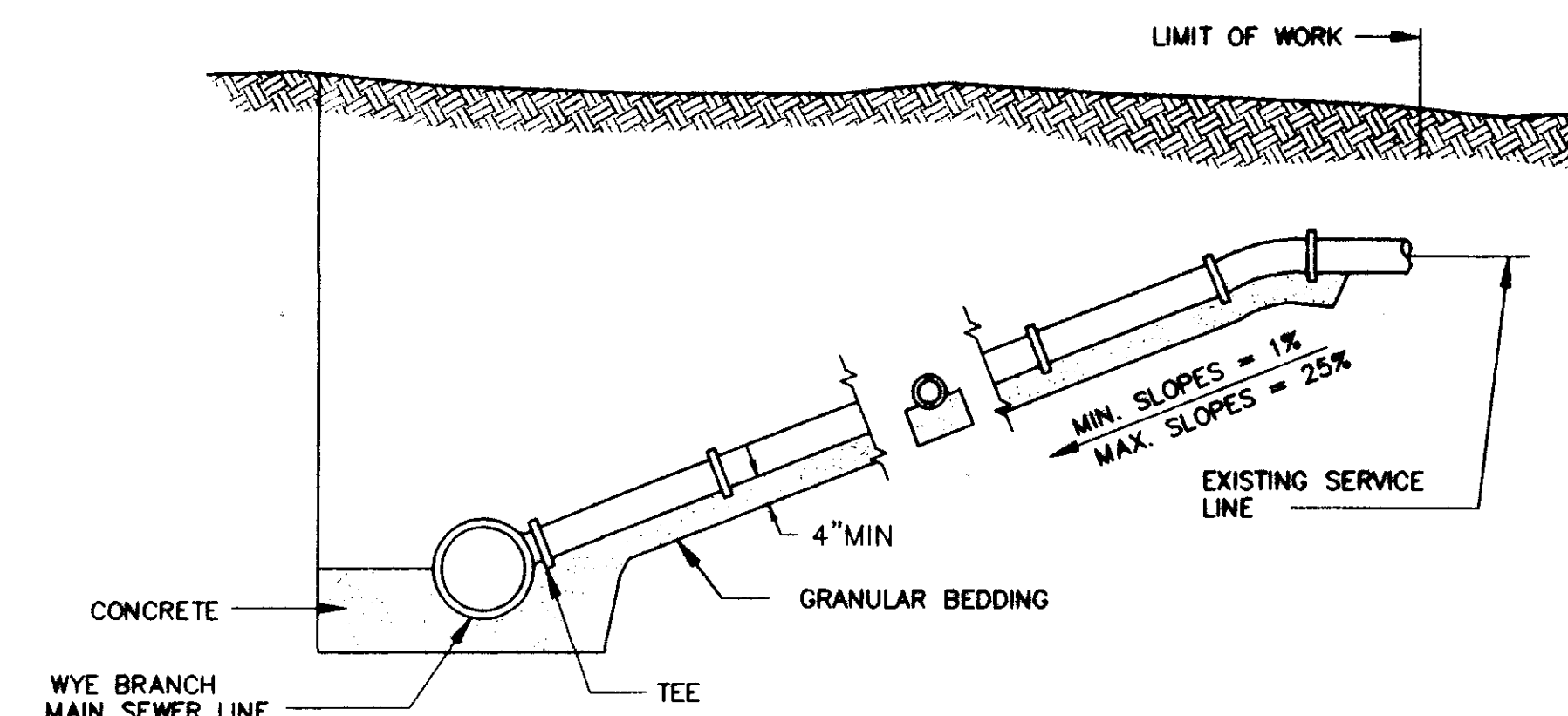
N.T.S.



**SECTION**

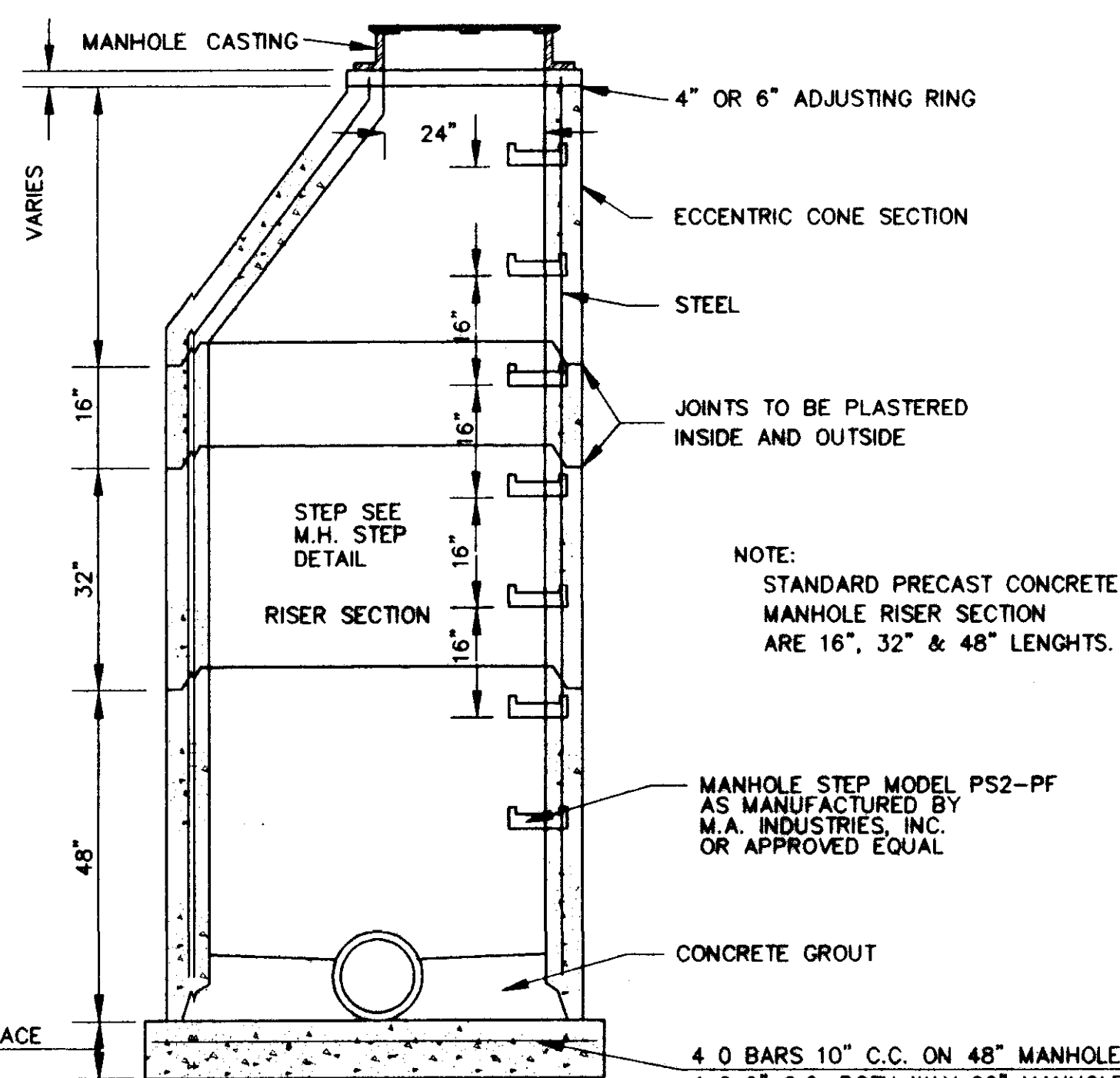
**STANDARD MANHOLE FRAME AND COVER**

N.T.S.



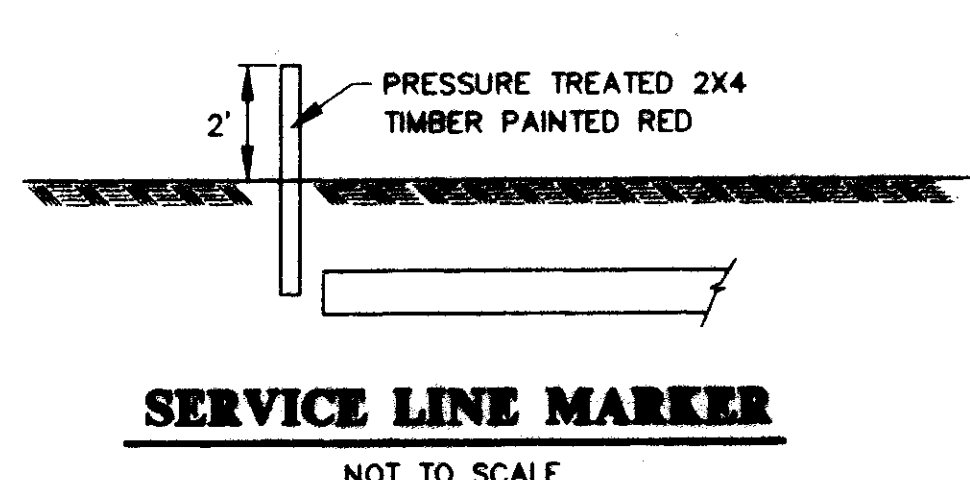
**TYPICAL SERVICE LINE CONNECTION**

NOT TO SCALE



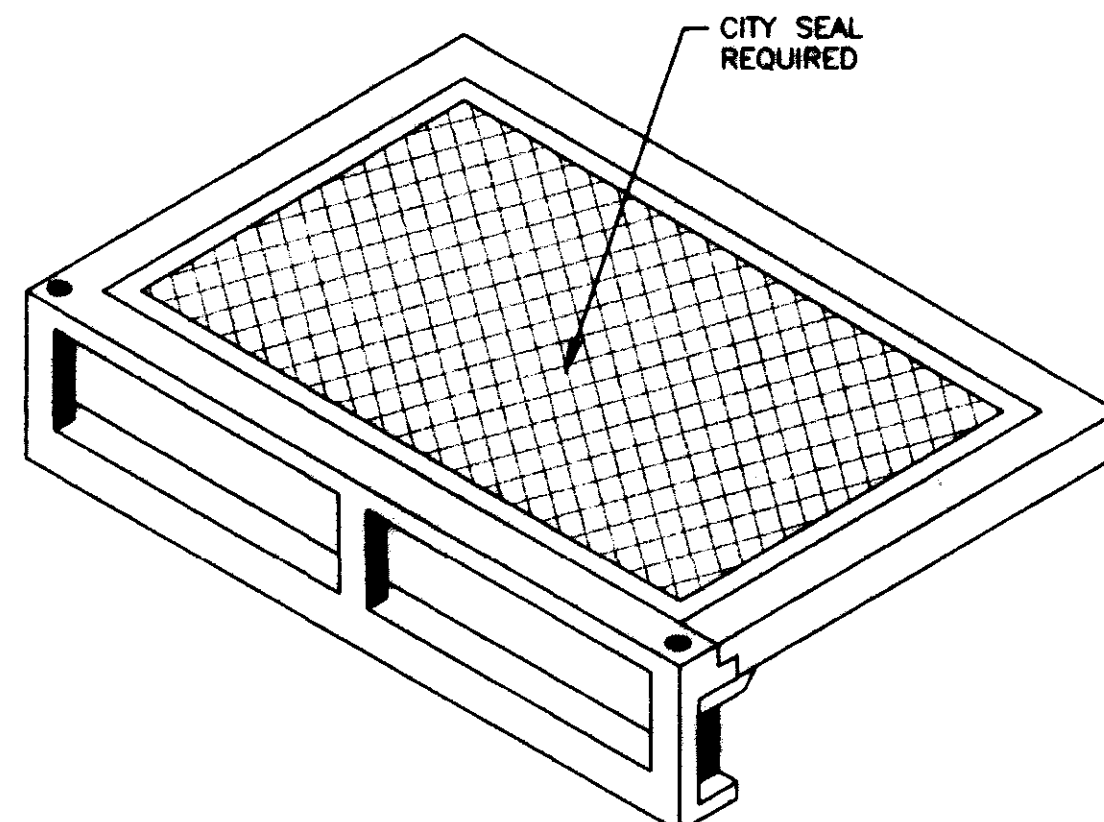
**SECTION OF PRECAST CONCRETE MANHOLE**

N.T.S.



**SERVICE LINE MARKER**

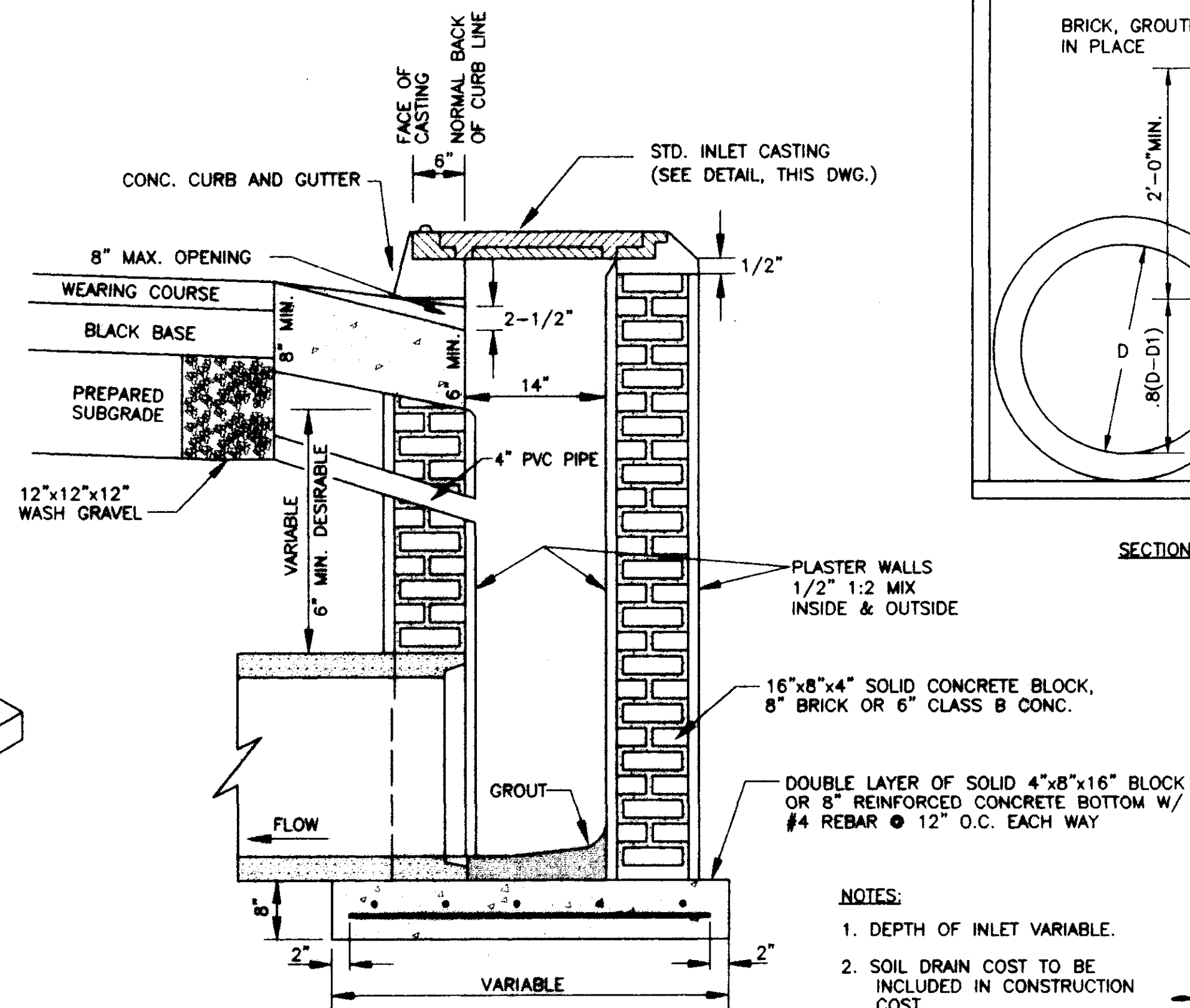
NOT TO SCALE



**STANDARD CURB INLET CASTING**

(VULCAN V-4302-1 OR HARPER RCB-7)

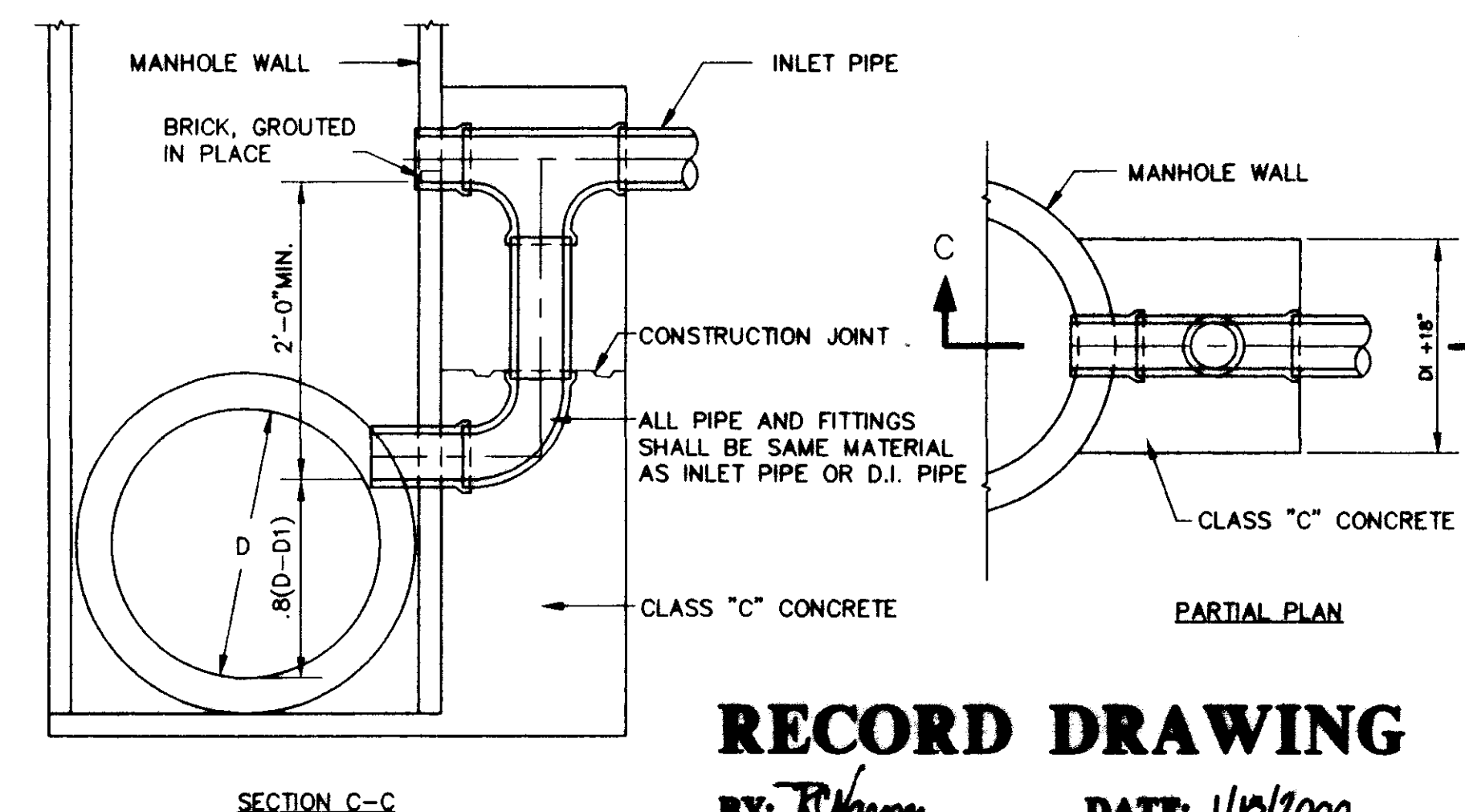
N.T.S.



**SECTION OF STANDARD 4x12 CURB INLET**

N.T.S.

NOTES:  
 1. DEPTH OF INLET VARIABLE.  
 2. SOIL DRAIN COST TO BE INCLUDED IN CONSTRUCTION COST.



SECTION C-C

**TYPICAL VERTICAL DROP INLET AT MANHOLE**

N.T.S.

**RECORD DRAWING**

BY: *R. Hanna* DATE: 1/16/2000

**MONTRACHET  
 A DEVELOPMENT OF  
 LAKE HARBOUR ROAD, L.P.**

**STANDARD  
 SEWER DETAILS**

**CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI**

DESIGNED BY: *R. Hanna* DATE: 1/16/97  
 CHECKED BY: *R. Hanna* DATE: 1/16/97  
 DRAWN BY: *R. Hanna* DATE: 1/16/97  
 SCALE: AS SHOWN

**STERLING CONSULTANTS**

DRAWING NO. **13 - 13**