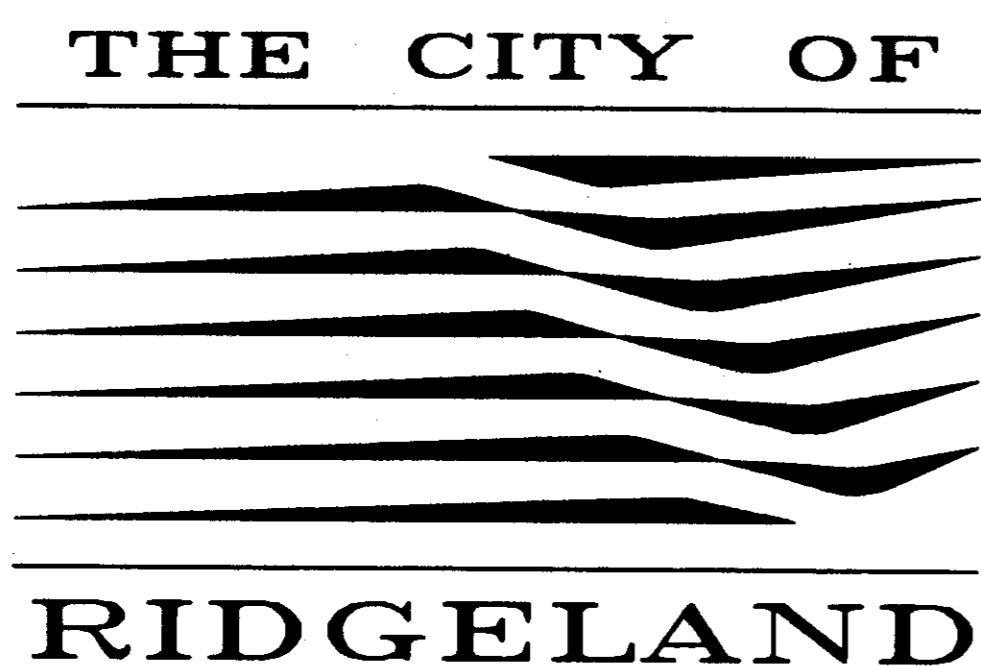


CITY OF RIDGELAND, MISSISSIPPI RIDGELAND COMMERCIAL/BUSINESS PARK



Mayor:

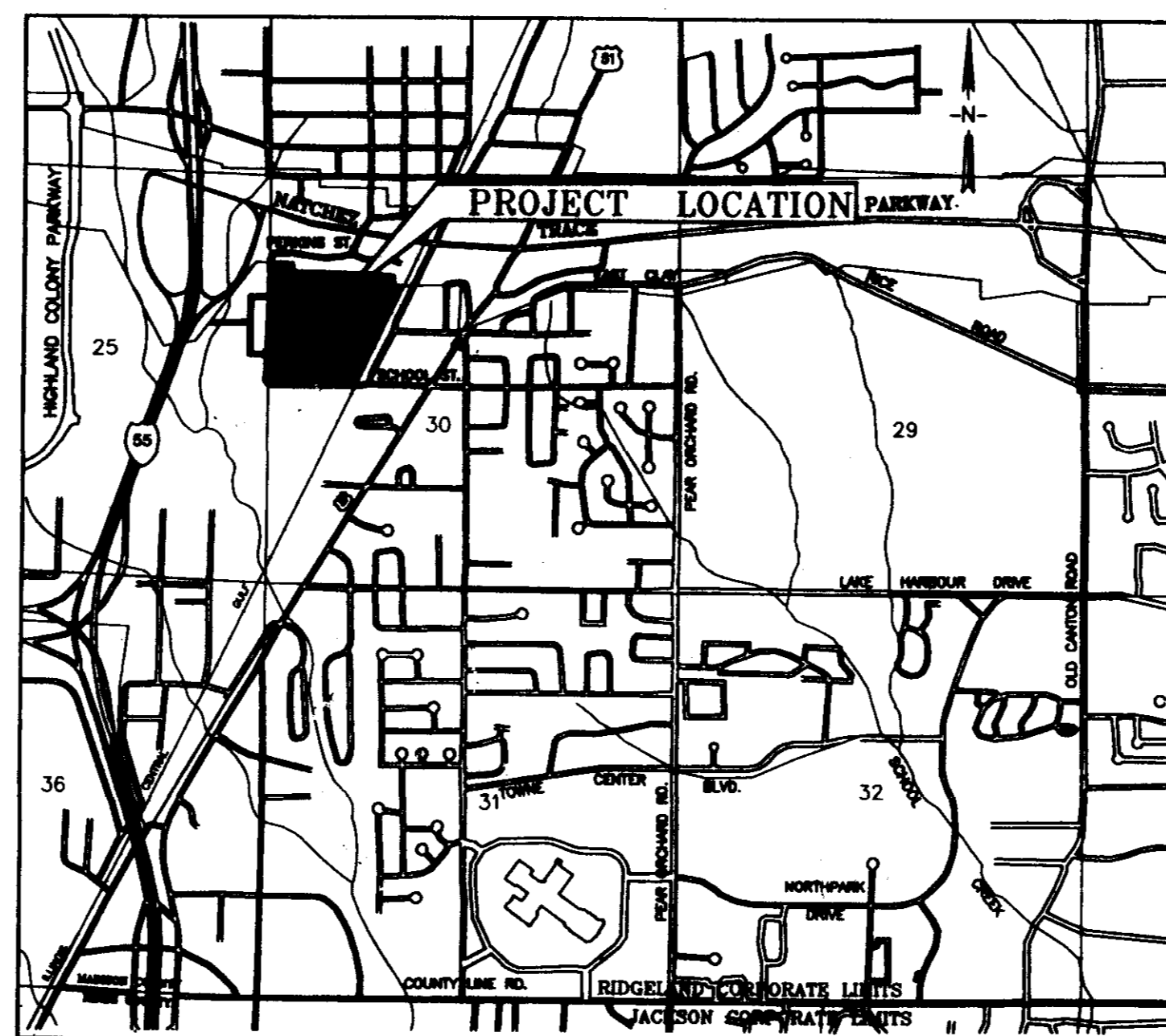
Gene F. McGee

Mayor Pro Tem:

Chuck Kobert

City Attorney:

Jerry Mills



VICINITY MAP

Aldermen:

Joe Barlow

Al Bible

Harvey Carr, Jr.

Linda Davis

Chuck Kobert

Daryl Smith

Public Works Director:

Sam Vinson, P.E.

Asst. Public Works Director:

Sid Hawthorne

Asst. City Engineer:

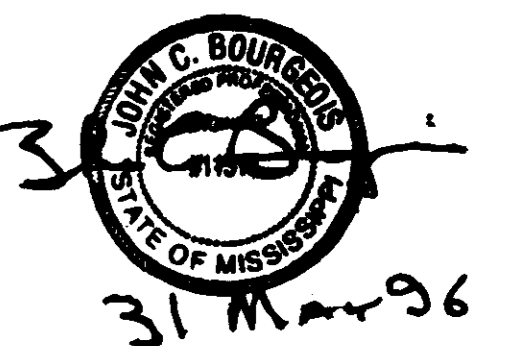
David Williams, P.E.

City Clerk:

Michael McPhearson

MAY, 1996

WAGGONER ENGINEERING, INC.
Consulting Engineers
Jackson, Mississippi



PWP-1828

W.E.I. JOB NO.
95021M

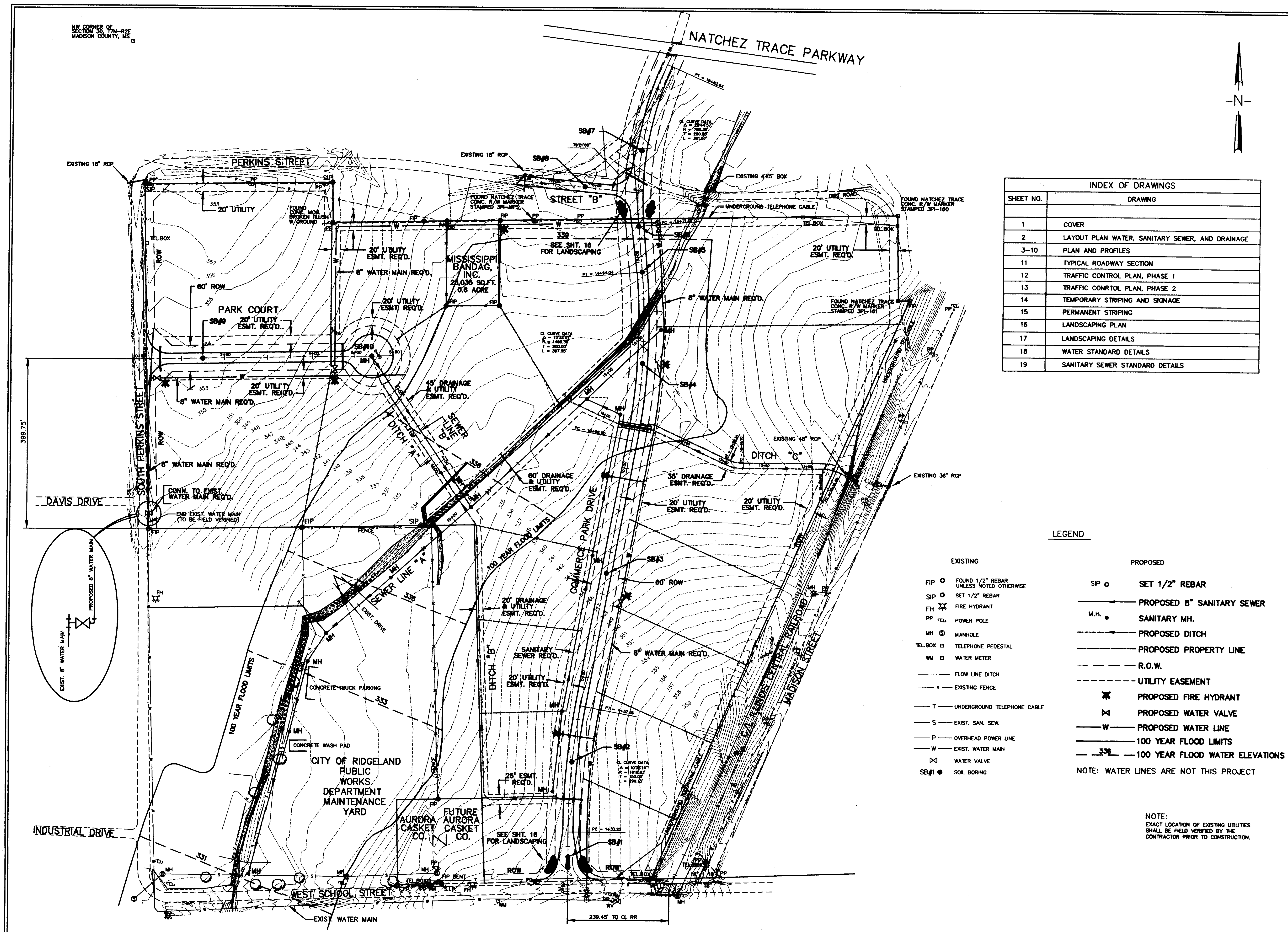
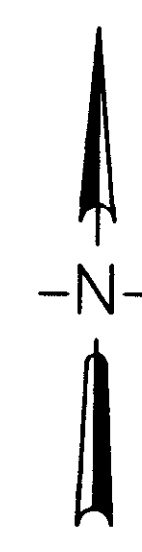
NW CORNER OF SECTION 36, T7N-R2E MADISON COUNTY, MS



WAGGONER ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
801-365-9828
FAX 801-362-3846

3102 CMTY ST.
PASCAGOULA, MS 39067
801-782-8558
FAX 801-788-1417



INDEX OF DRAWINGS	
SHEET NO.	DRAWING
1	COVER
2	LAYOUT PLAN WATER, SANITARY SEWER, AND DRAINAGE
3-10	PLAN AND PROFILES
11	TYPICAL ROADWAY SECTION
12	TRAFFIC CONTROL PLAN, PHASE 1
13	TRAFFIC CONTROL PLAN, PHASE 2
14	TEMPORARY STRIPING AND SIGNAGE
15	PERMANENT STRIPING
16	LANDSCAPING PLAN
17	LANDSCAPING DETAILS
18	WATER STANDARD DETAILS
19	SANITARY SEWER STANDARD DETAILS

LEGEND

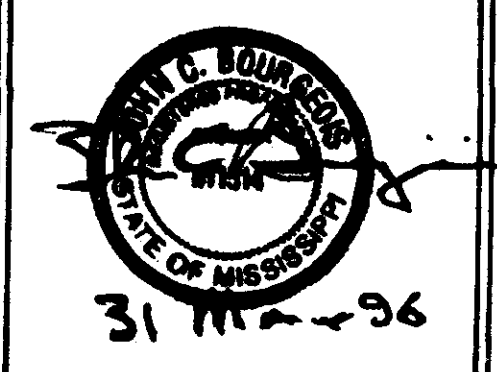
- | | |
|---|-----------------------------------|
| EXISTING | PROPOSED |
| FIP ○ FOUND 1/2" REBAR UNLESS NOTED OTHERWISE | SIP ○ SET 1/2" REBAR |
| SIP ○ SET 1/2" REBAR | → PROPOSED 8" SANITARY SEWER |
| FH ⊕ FIRE HYDRANT | M.H. ● SANITARY MH. |
| PP ⊕ POWER POLE | → PROPOSED DITCH |
| MH ⊕ MANHOLE | → PROPOSED PROPERTY LINE |
| TEL.BOX ⊕ TELEPHONE PEDESTAL | → R.O.W. |
| WM ⊕ WATER METER | → UTILITY EASEMENT |
| → FLOW LINE DITCH | ⊗ PROPOSED FIRE HYDRANT |
| → EXISTING FENCE | ⊗ PROPOSED WATER VALVE |
| T → UNDERGROUND TELEPHONE CABLE | → PROPOSED WATER LINE |
| S → EXIST. SAN. SEW. | → 100 YEAR FLOOD LIMITS |
| P → OVERHEAD POWER LINE | → 100 YEAR FLOOD WATER ELEVATIONS |
| W → EXIST. WATER MAIN | |
| ⊗ WATER VALVE | |
| SB#1 ● SOIL BORING | |

NOTE: WATER LINES ARE NOT THIS PROJECT

NOTE: EXACT LOCATION OF EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

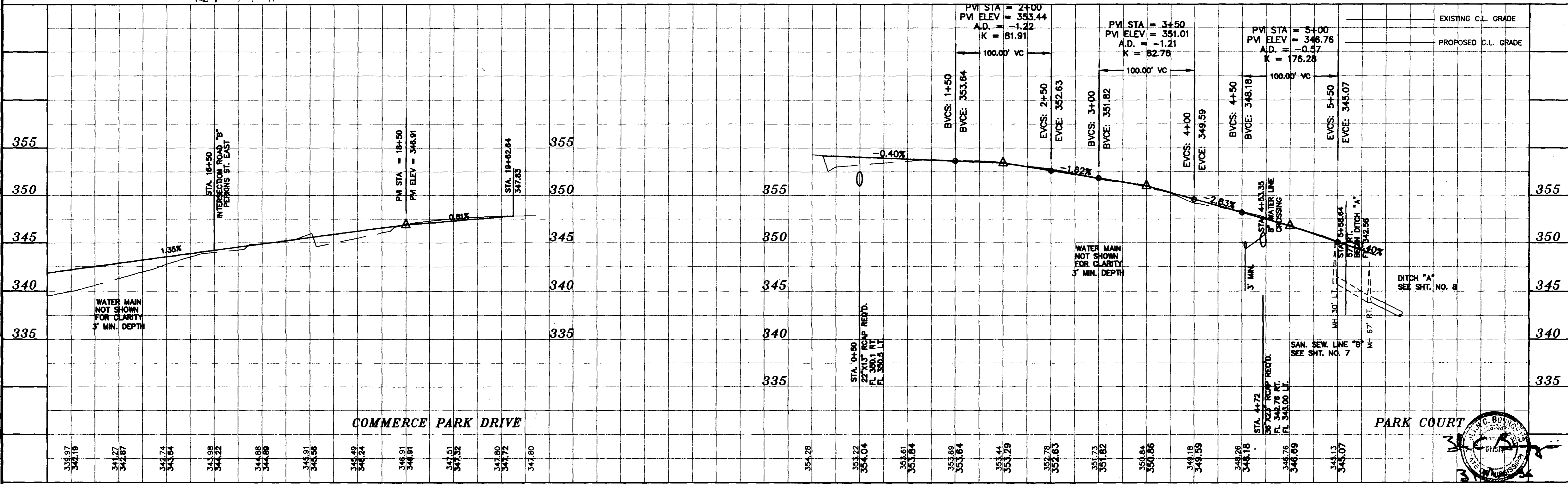
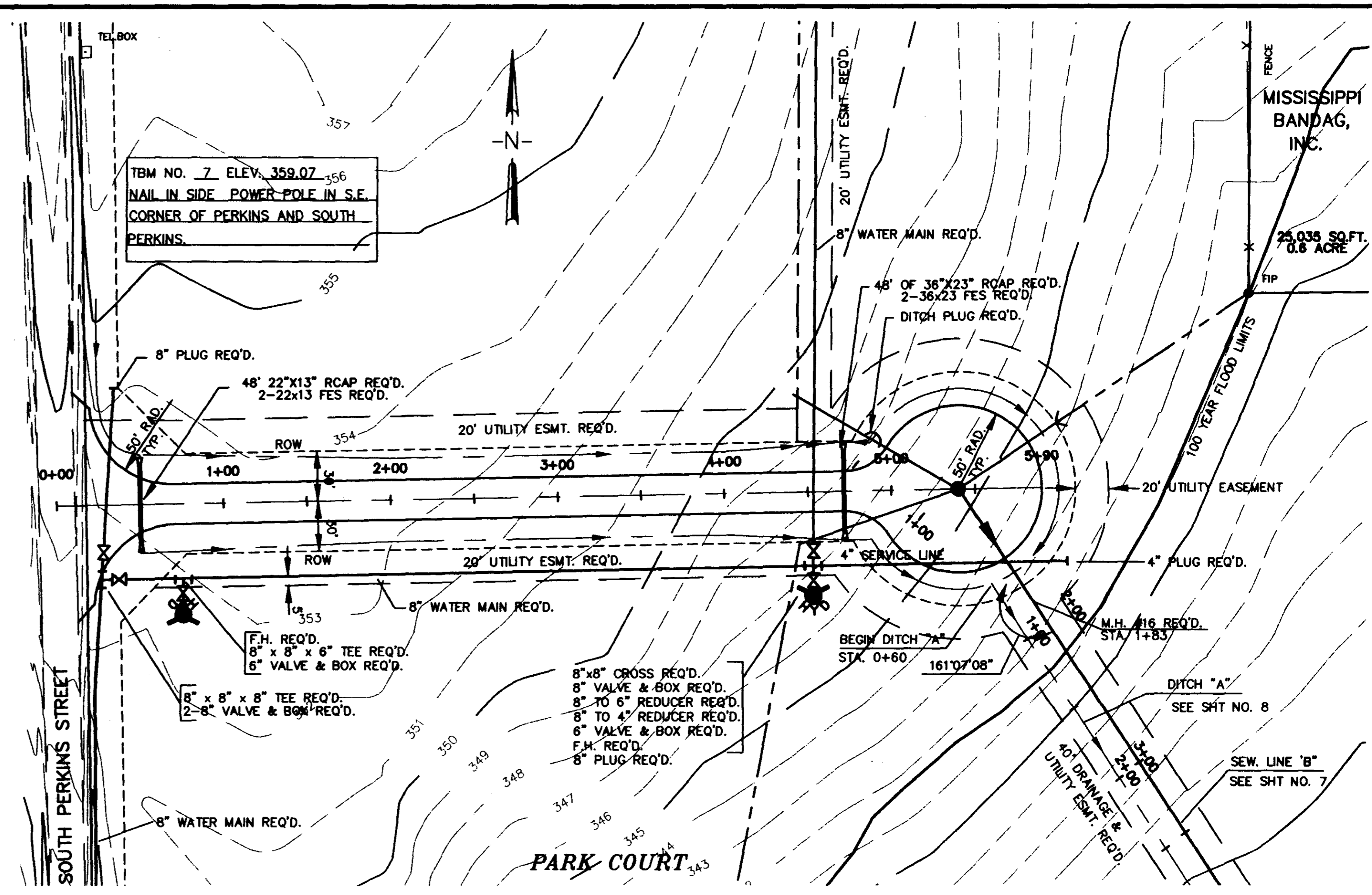
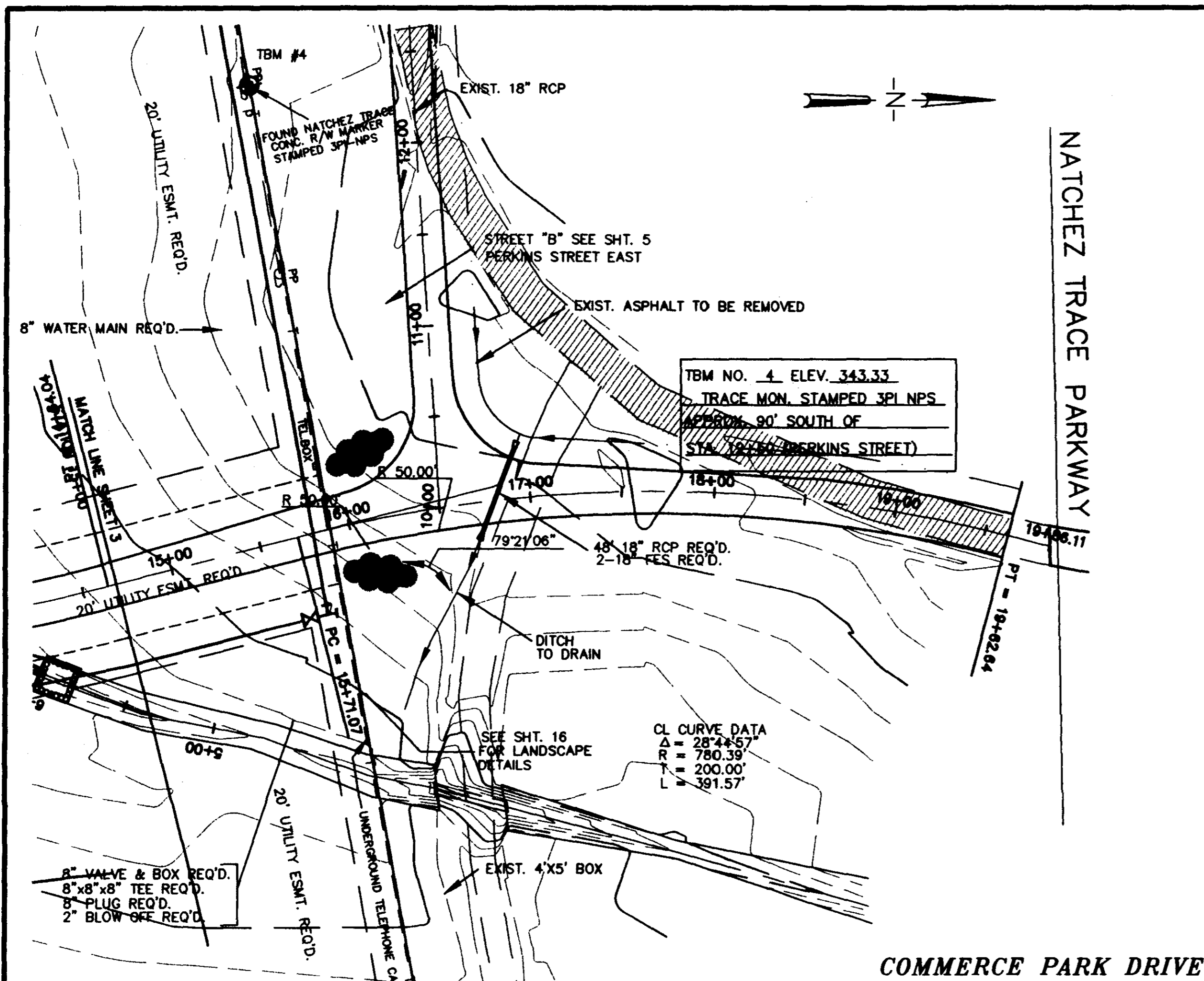
RIDGELAND COMMERCIAL / BUSINESS PARK
CITY OF RIDGELAND, MISSISSIPPI

DRAWING REVISIONS		
NO.	REMARKS	DATE

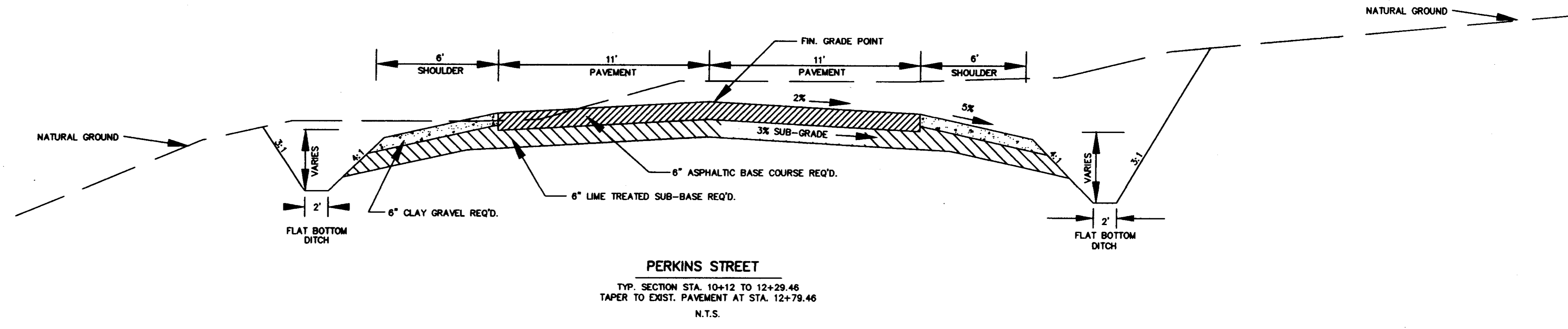
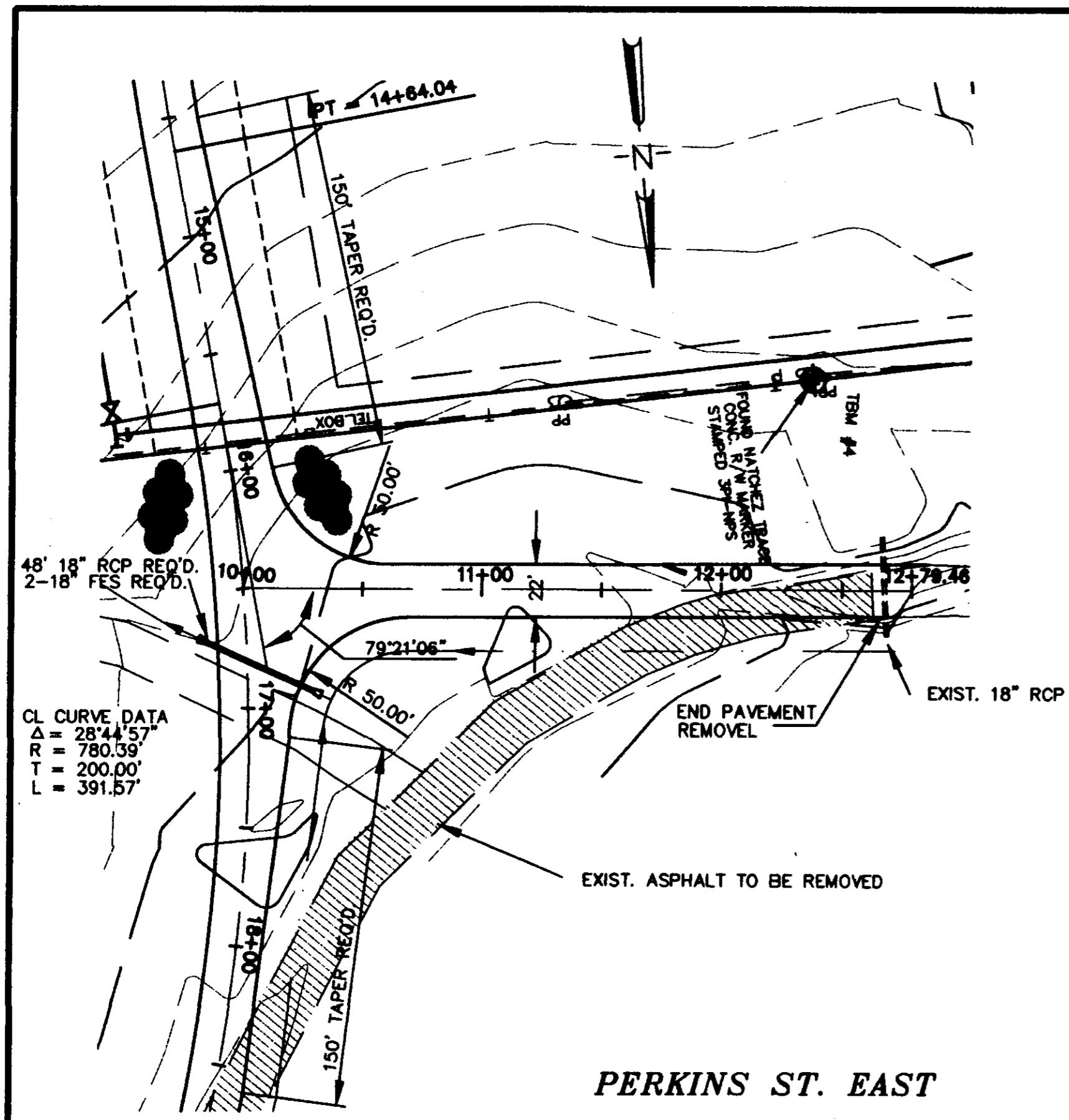


DATE BY: W.G.W.	DATE: 7-1-07
DESIGNED BY: W.G.W.	DATE: 06-28-07
CHECKED BY: G.A.B.	DATE: 06-28-07
DATE: 07-01-07	

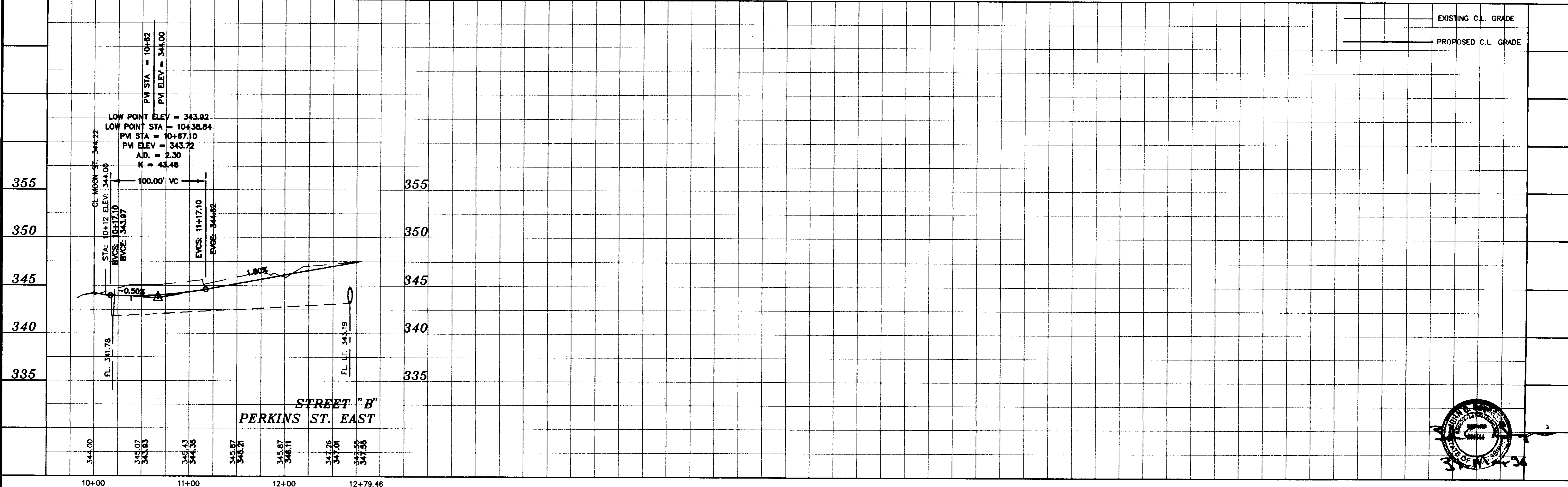
LAYOUT PLAN WATER, SANITARY SEWER, AND DRAINAGE



DESIGNED H.J.	DATE 5-08-98	WAGGONER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI	RIDGELAND COMMERCIAL/BUSINESS PARK RIDGELAND, MISSISSIPPI MADISON COUNTY, MISSISSIPPI	ACAU PATH ROUTE C/P 95021M PROFILE W.E.I. JOB NO. 95-021M	SHEET NO. 4 OF 19
DRAWN H.J./A.W.P.	SCALE 1" = 30' HORT. 1" = 5' VERT.				



TBM NO. 4 ELEV. 343.33
 TRACE MON. STAMPED 3PI NPS
 APPROX. 90' SOUTH OF
 STA. 12+50 (PERKINS STREET)



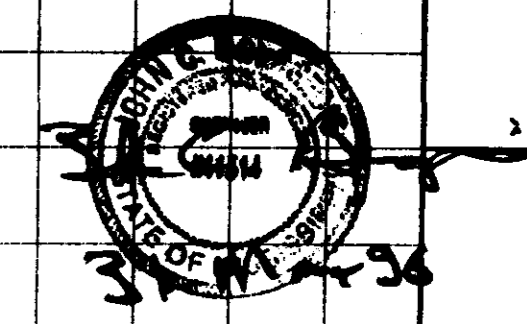
NO.	DATE	REVISIONS	BY

DESIGNED	DATE
H.J.	5-08-96
DRAWN	SCALE
H.J./J.W.P.	1"=50' HORT. 1"=5' VERT.

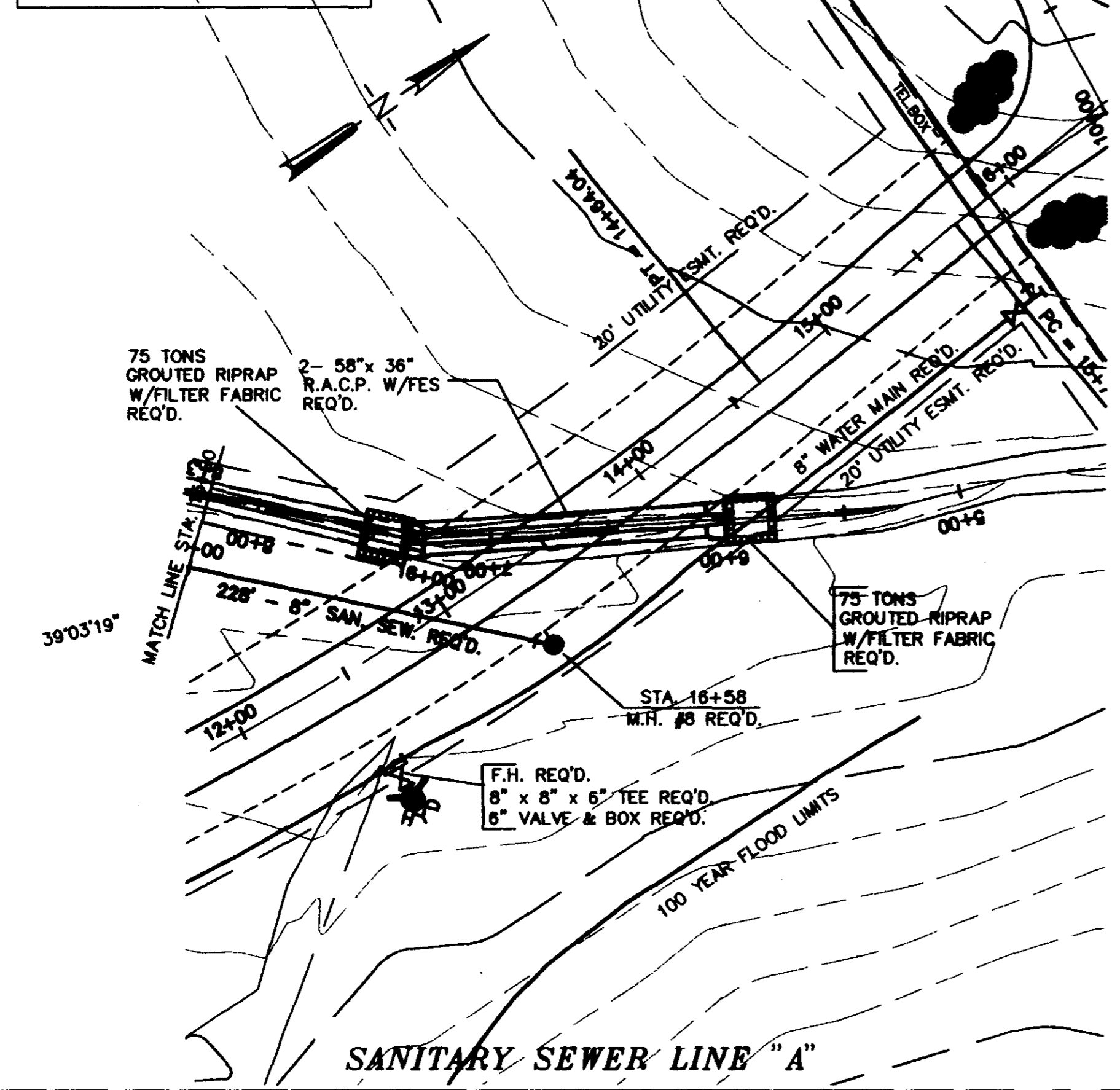
WAGGONER ENGINEERING INC. CONSULTING ENGINEERS
 JACKSON, MISSISSIPPI

RIDGELAND COMMERCIAL/BUSINESS PARK
 RIDGELAND, MISSISSIPPI
 MADISON COUNTY, MISSISSIPPI

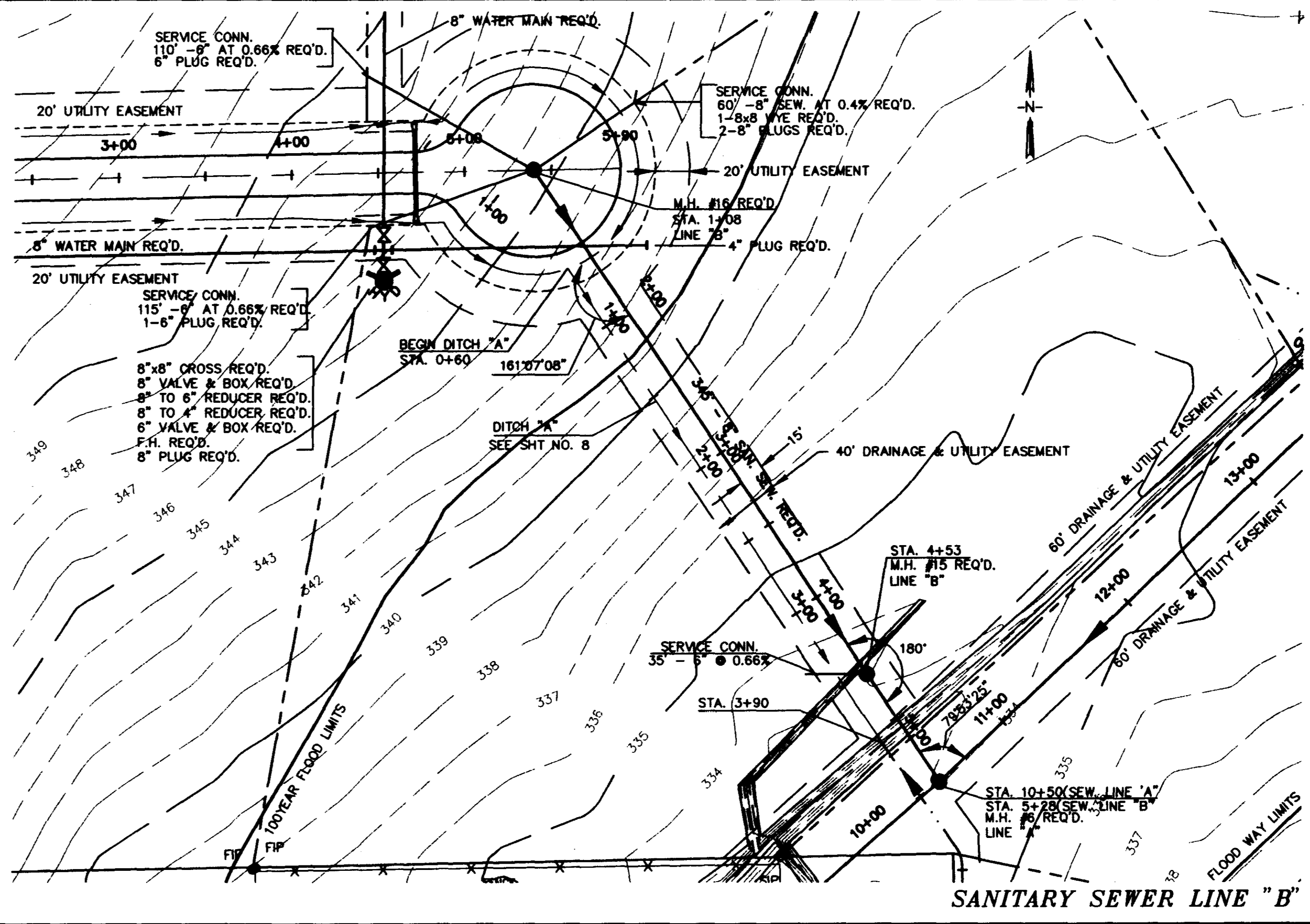
ACAD PATH ROUTE
 C:\P\95021M\PROFILE
 W.E.I. JOB NO. 95-021M SHEET NO. 5 OF 19



TBM NO. 4 ELEV. 343.33
TRACE MON. STAMPED 3PI NPS
APPROX. 90' SOUTH OF
STA. 12+50 (PERKINS STREET)

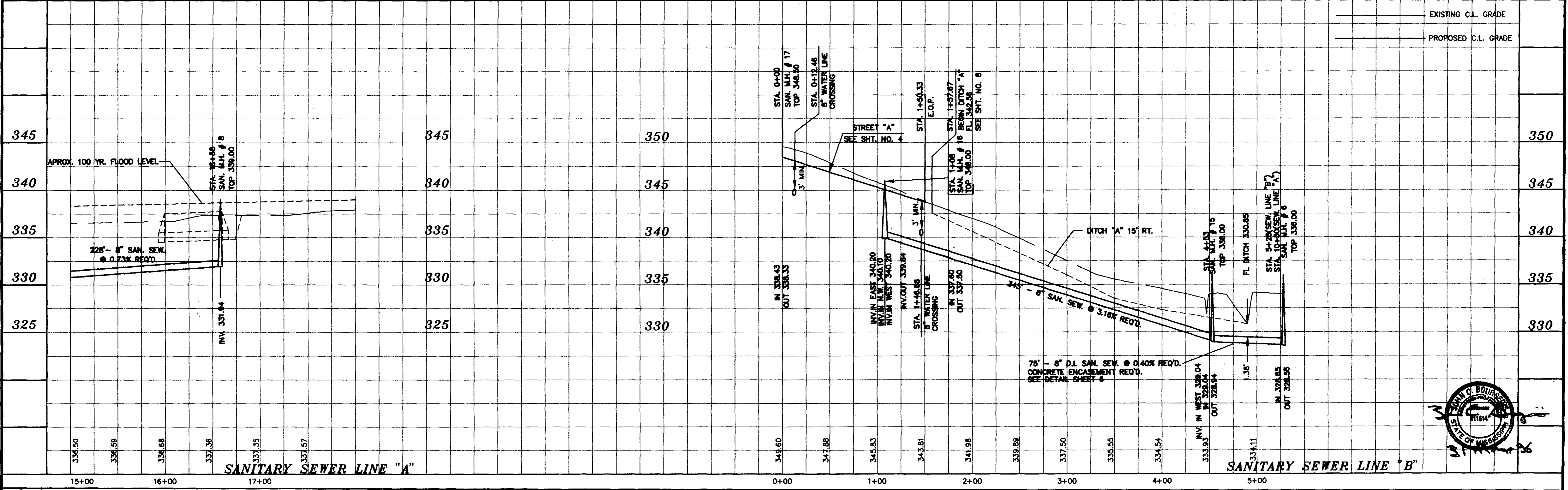


SANITARY SEWER LINE "A"



SANITARY SEWER LINE "B"

TBM NO. 4 ELEV. 343.33
TRACE MON. STAMPED 3PI NPS
APPROX. 90' SOUTH OF
STA. 12+50 (PERKINS STREET)



SANITARY SEWER LINE "A"

SANITARY SEWER LINE "B"

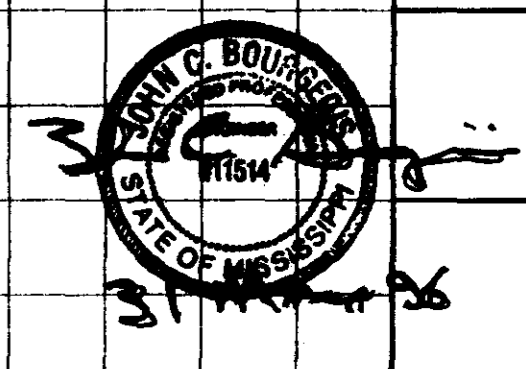
NO.	DATE	REVISIONS	BY

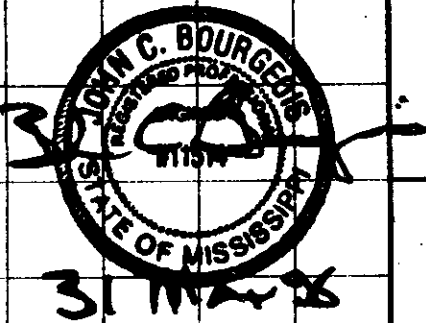
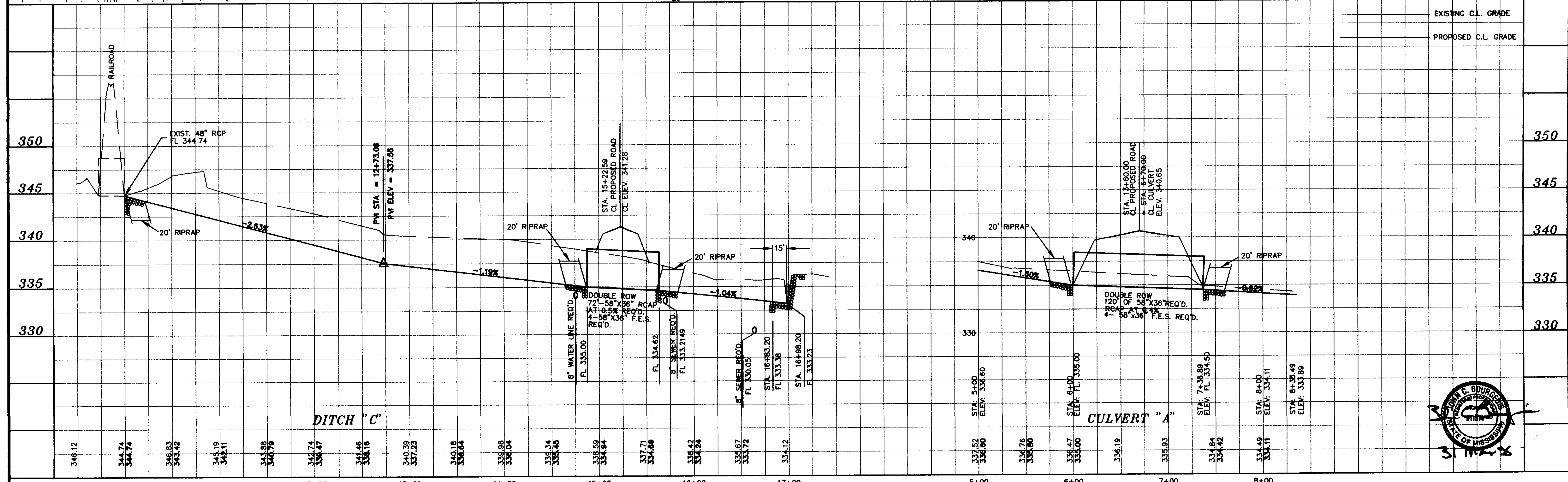
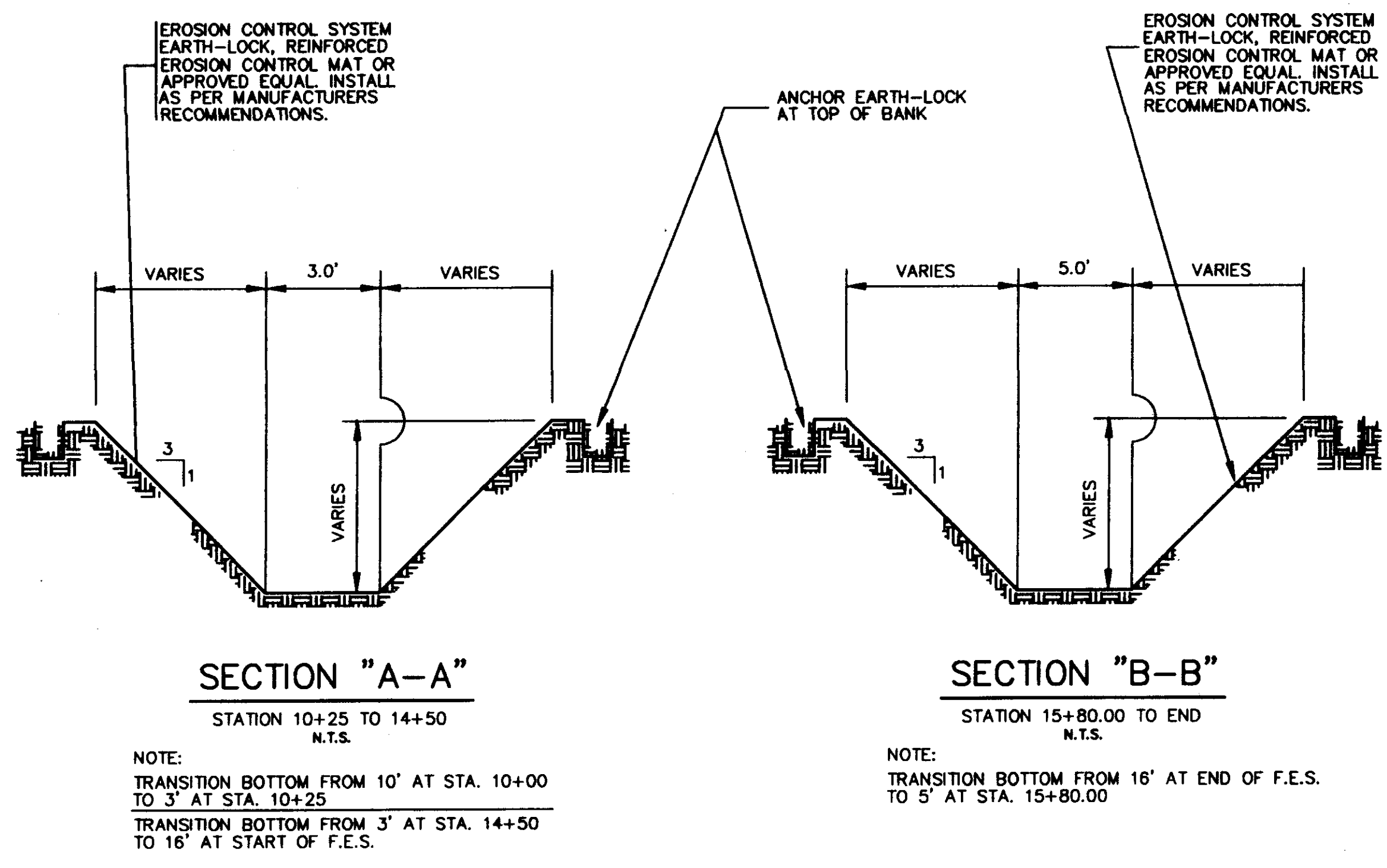
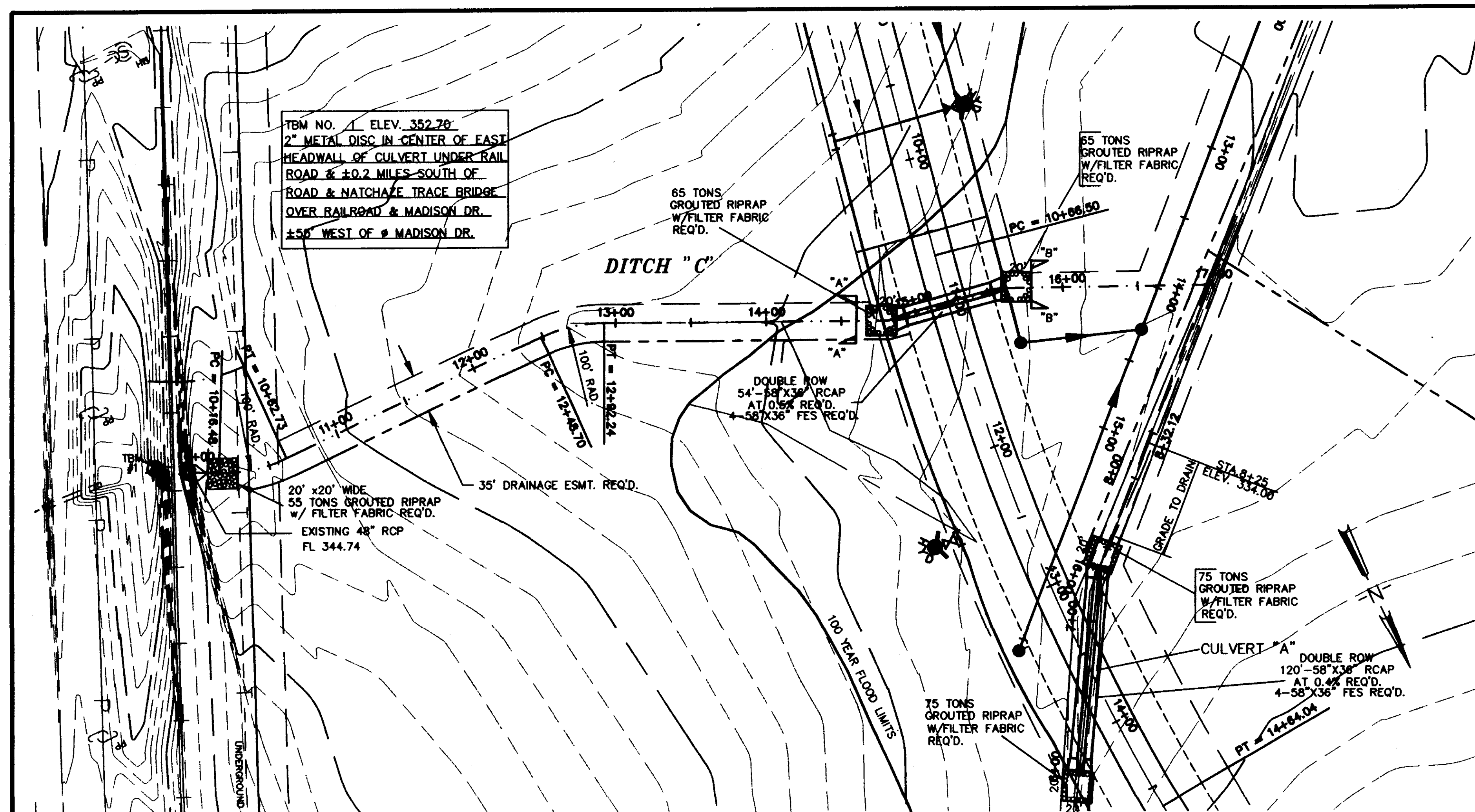
DESIGNED H.J.
DATE 5-08-06
DRAWN H.J./J.W.P.
SCALE 1" = 5' VERT.

WAGGONER ENGINEERING INC. CONSULTING ENGINEERS
JACKSON, MISSISSIPPI

RIDGELAND COMMERCIAL/BUSINESS PARK
RIDGELAND, MISSISSIPPI
MADISON COUNTY, MISSISSIPPI

ACAD PATH ROUTE
C:\P\05021M\PROFILE
W.E.I. JOB NO. 95-021M
SHEET NO. 7 OF 19





DESIGNED C.A.W.		DATE 4-23-96		WAGGONER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI		RIDGELAND COMMERCIAL/BUSINESS PARK RIDGELAND, MISSISSIPPI MADISON COUNTY, MISSISSIPPI		ACAD PATH ROUTE C:\P\95021M\PROFILE	
DRAWN J.W.P.		SCALE 1" = 50' HORT. 1" = 5' VERT.						W.E.I. JOB NO. 95-021M	
NO. DATE		REVISIONS		BY					

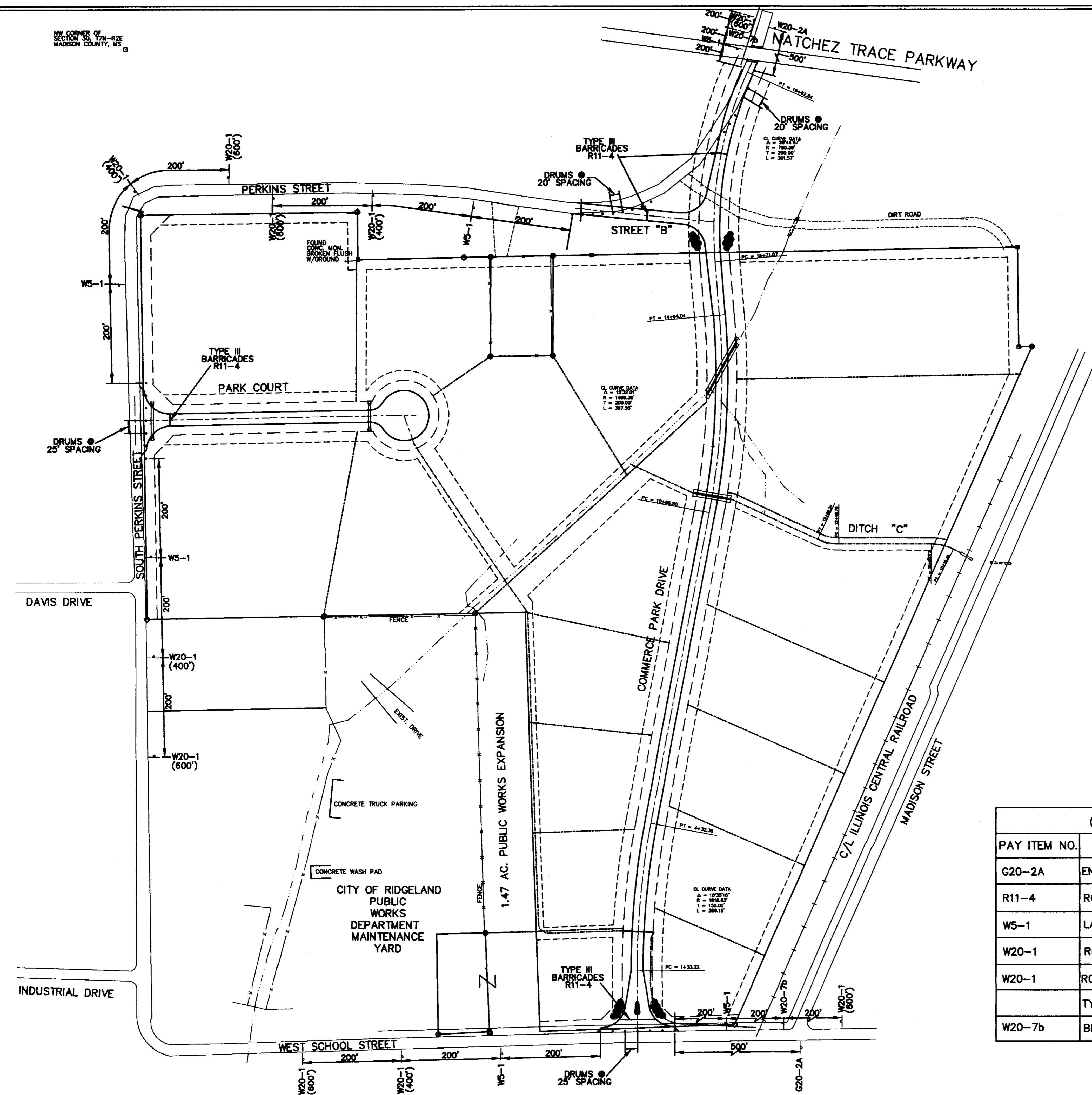
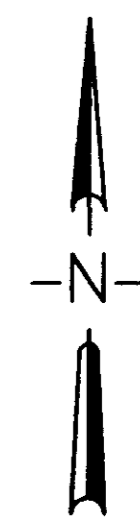
NW CORNER OF SECTION 36, T7N-R2E MADISON COUNTY, MS



WAGGONER ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

625 N. PRESIDENT ST.
JACKSON, MS 39202
601-355-8038
FAX 601-352-3045

3102 CHRY ST.
PASCAGOULA, MS 39267
601-762-8938
FAX 601-768-1417



CONSTRUCTION SIGN SCHEDULE			
PAY ITEM NO.	PAY ITEM ROADWAY ITEM	QTY.	UNIT
G20-2A	END ROAD WORK	2	EACH
R11-4	ROAD CLOSED TO THRU TRAFFIC	4	EACH
W5-1	LANE NARROWS	6	EACH
W20-1	ROAD WORK 600 FT.	6	EACH
W20-1	ROAD WORK 400 FT.	4	EACH
	TYPE III BARRICADE (ACROSS ENTIRE ROADWAY)	AS NEEDED	EACH
W20-7b	BE PREPARED TO STOP	2	EACH

DRAWING REVISIONS		
NO.	REMARKS	DATE



31 MAR 28

DESIGNED BY: JWP / SJA DATE: 02-18-08
 CHECKED BY: CLE DATE: 02-18-08
 PLOT NAME: C:\V\MS\TRAFFIC
 DRAWING TITLE:

TRAFFIC CONTROL PLAN PHASE 1

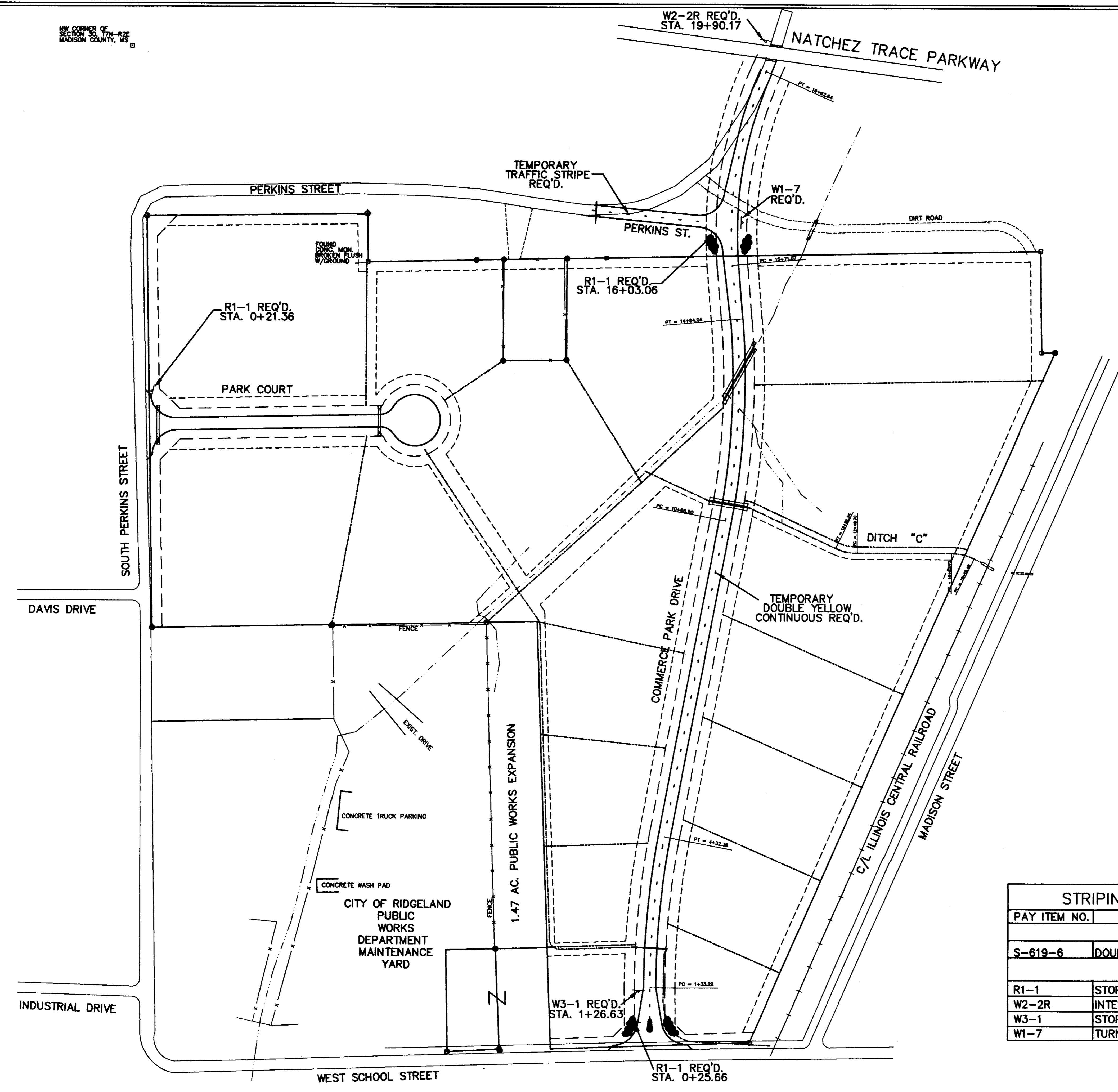
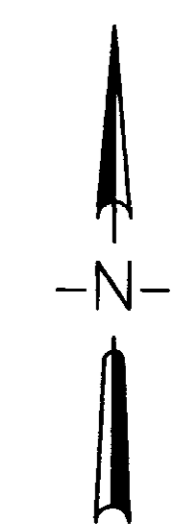
NE CORNER OF SECTION 30, 17N-12E MADISON COUNTY, MS



WAGGONER ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
601-355-8528
FAX 601-352-3846

3102 CANTY ST.
PASCAGOULA, MS 39367
601-782-8258
FAX 601-788-1417



RIDGELAND COMMERCIAL / BUSINESS PARK
CITY OF RIDGELAND, MISSISSIPPI

DRAWING REVISIONS		
NO.	REMARKS	DATE



STRIPING AND SIGNAGE TOTAL QUANTITIES				
PAY ITEM NO.	PAY ITEM ROADWAY ITEM	PLAN	FINAL	UNIT
STRIPE				
S-619-6	DOUBLE YELLOW CONTINUOUS	1,920		L.F.
SIGNAGE				
R1-1	STOP SIGN	3		EA.
W2-2R	INTERSECTION SIGN	1		EA.
W3-1	STOP AHEAD	1		EA.
W1-7	TURN SIGN	1		EA.

DATE: 08-12-09
SCALE: AS SHOWN
PROJECT: 09-010

TEMPORARY STRIPING AND SIGNAGE

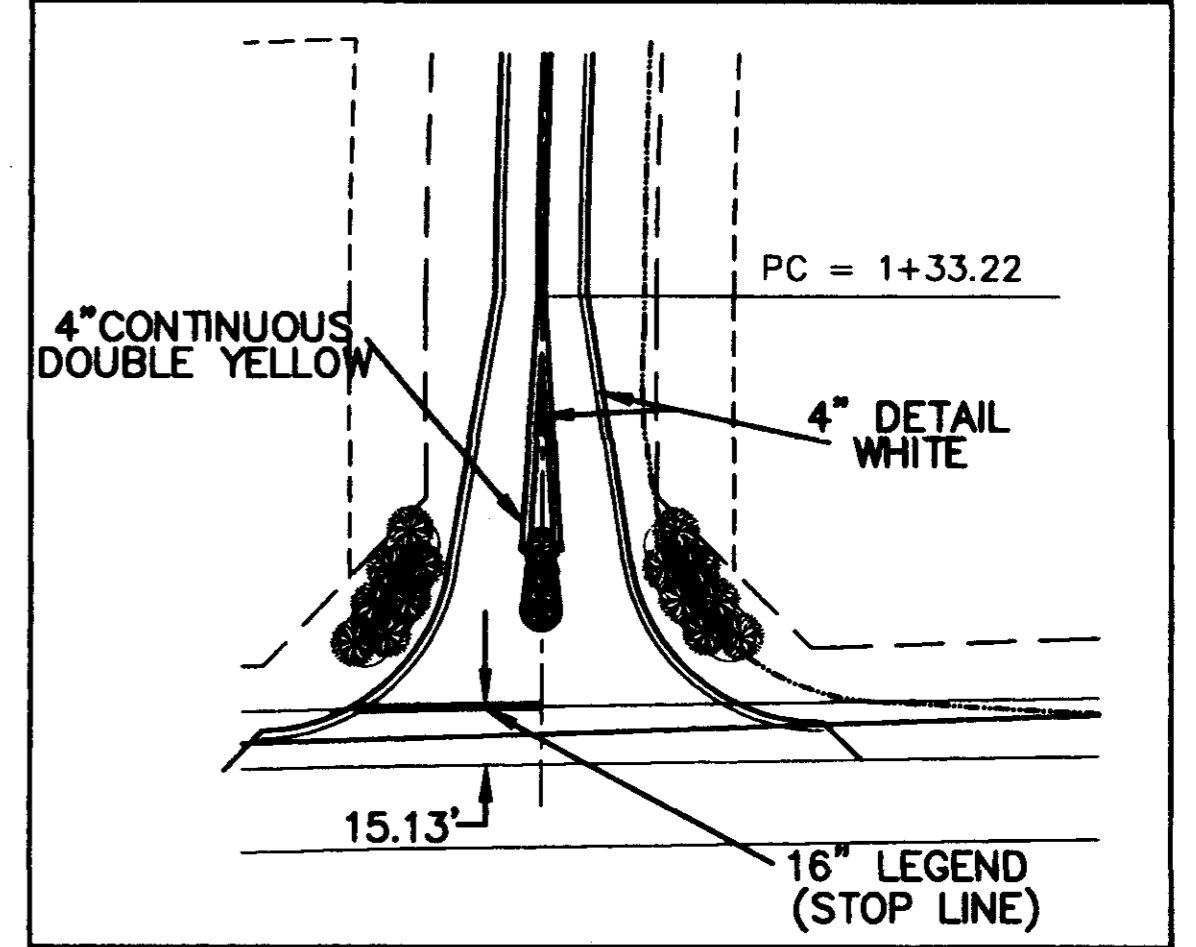
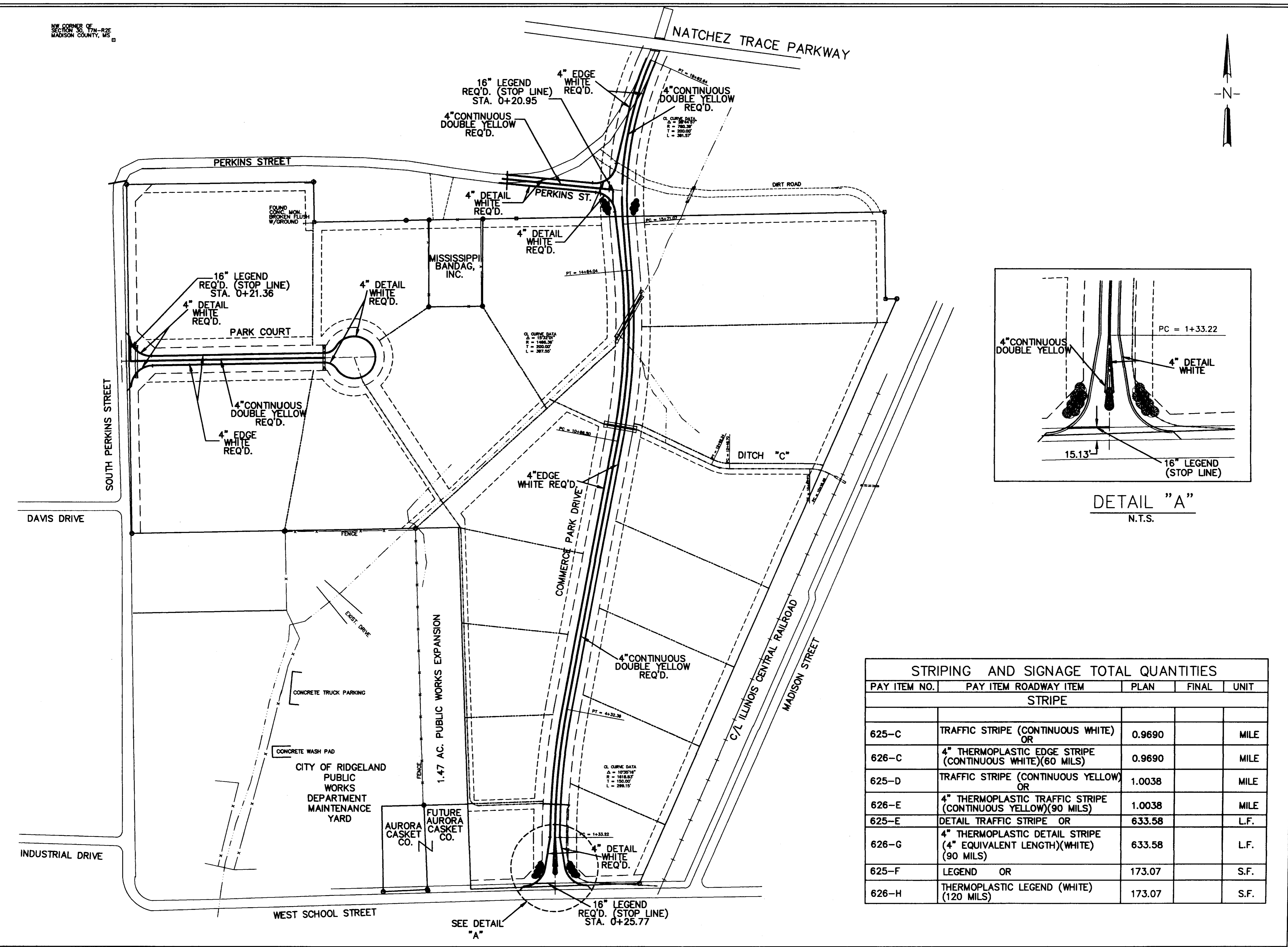
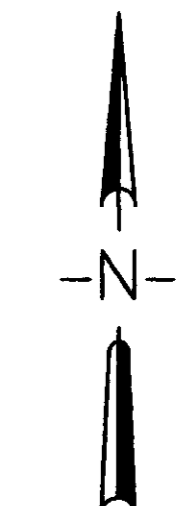
NW CORNER OF SECTION 30, 774-R22, MADISON COUNTY, MS.



WAGGONER ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
601-353-8528
FAX 601-352-3845

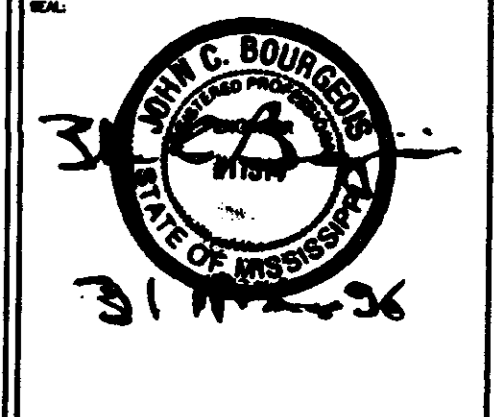
3102 CHATEAU ST.
PASCAGOULA, MS 39647
601-762-8558
FAX 601-766-1417



DETAIL "A"
N.T.S.

STRIPING AND SIGNAGE TOTAL QUANTITIES				
PAY ITEM NO.	PAY ITEM ROADWAY ITEM	PLAN	FINAL	UNIT
STRIPE				
625-C	TRAFFIC STRIPE (CONTINUOUS WHITE) OR	0.9690		MILE
626-C	4" THERMOPLASTIC EDGE STRIPE (CONTINUOUS WHITE)(60 MILS)	0.9690		MILE
625-D	TRAFFIC STRIPE (CONTINUOUS YELLOW) OR	1.0038		MILE
626-E	4" THERMOPLASTIC TRAFFIC STRIPE (CONTINUOUS YELLOW)(90 MILS)	1.0038		MILE
625-E	DETAIL TRAFFIC STRIPE OR	633.58		L.F.
626-G	4" THERMOPLASTIC DETAIL STRIPE (4" EQUIVALENT LENGTH)(WHITE) (90 MILS)	633.58		L.F.
625-F	LEGEND OR	173.07		S.F.
626-H	THERMOPLASTIC LEGEND (WHITE) (120 MILS)	173.07		S.F.

DRAWING REVISIONS		
NO.	REMARKS	DATE



DATE: 05/10/08
SCALE: AS SHOWN
PROJECT: 08-002
DRAWN BY: G. VANDERKAM
CHECKED BY: W. C. BOURGEOIS

PERMANENT STRIPING
(Not This Contract)

RIDGELAND COMMERCIAL / BUSINESS PARK
CITY OF RIDGELAND, MISSISSIPPI

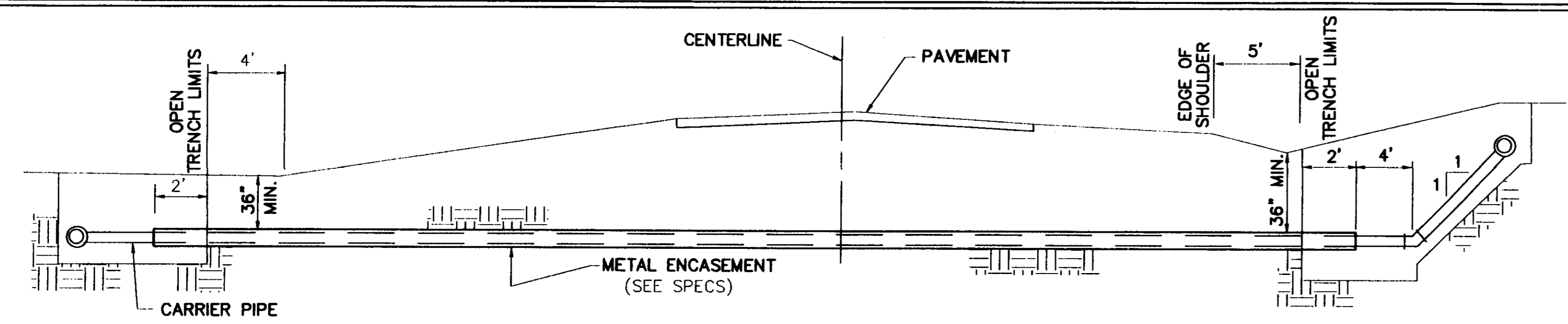
DRAWING REVISIONS		
NO.	REMARKS	DATE

32

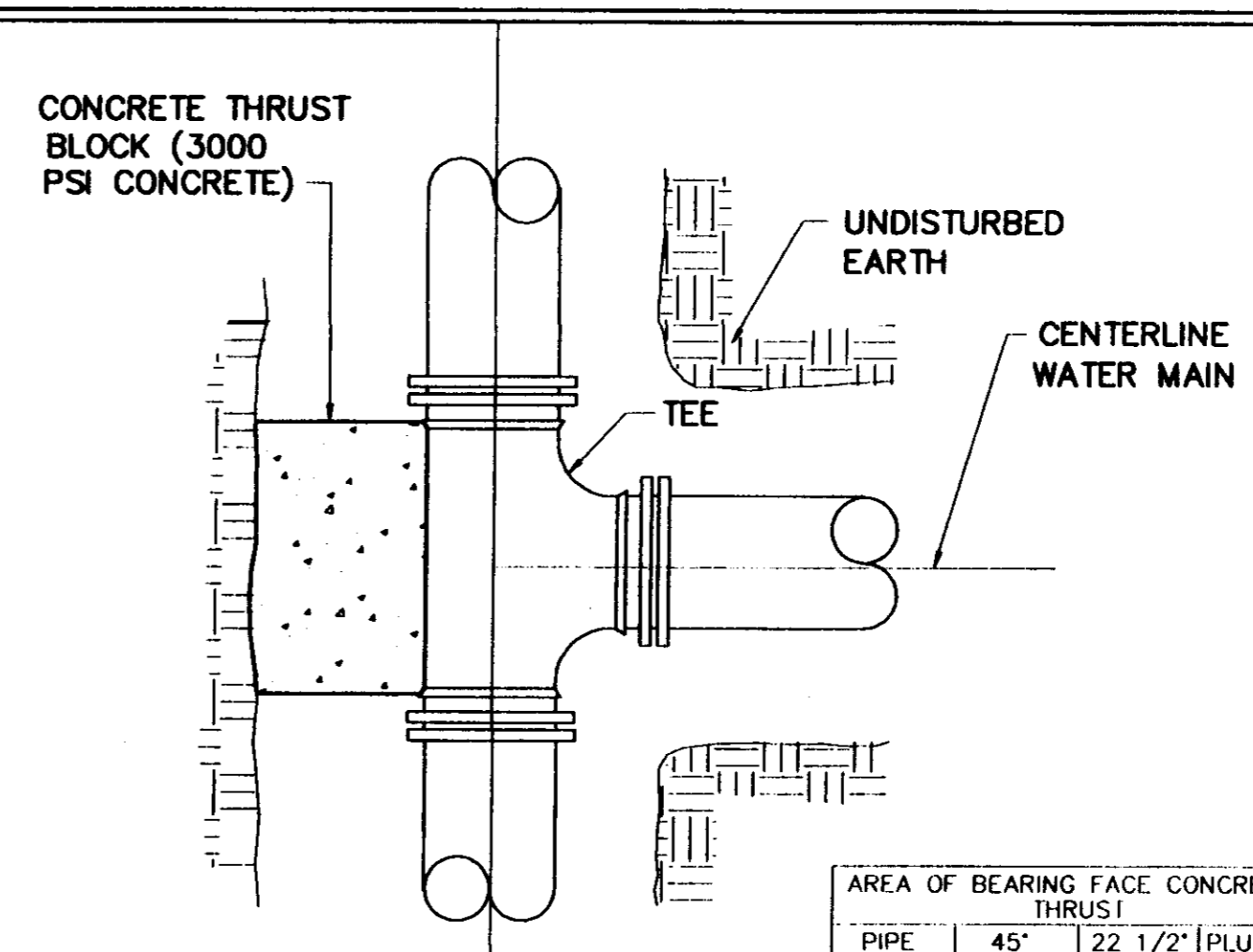
31 MAR 26

DRAWN BY: H.J.	SCALE: NONE
DESIGNED BY: H.J.	DATE: 8-29-95
CHECKED BY: J.B.	PROJECT: 95-021M
PLOT NAME: C:\P\95021M\WATSTAND	
DRAWING FILE:	

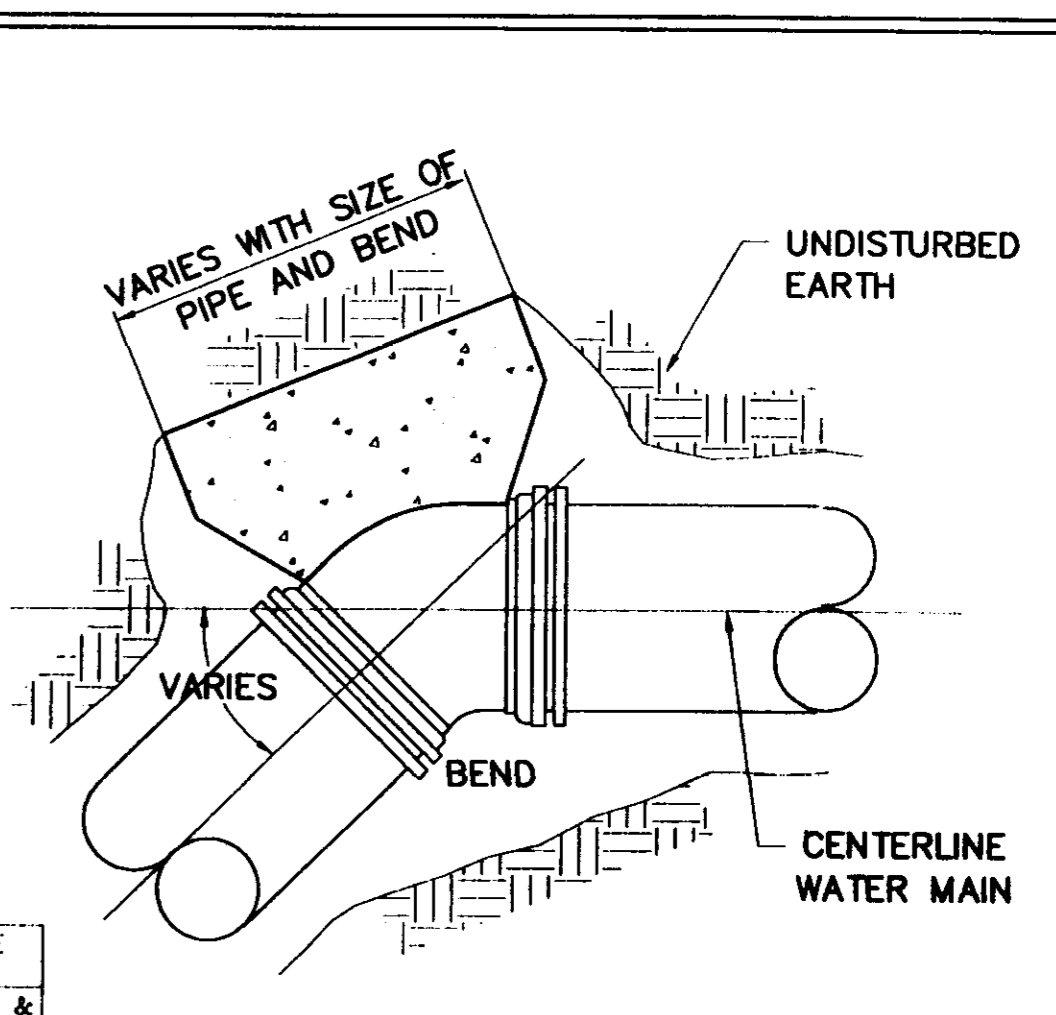
WATER
STANDARD
DETAILS



TYPICAL CASED CROSSING



PLAN

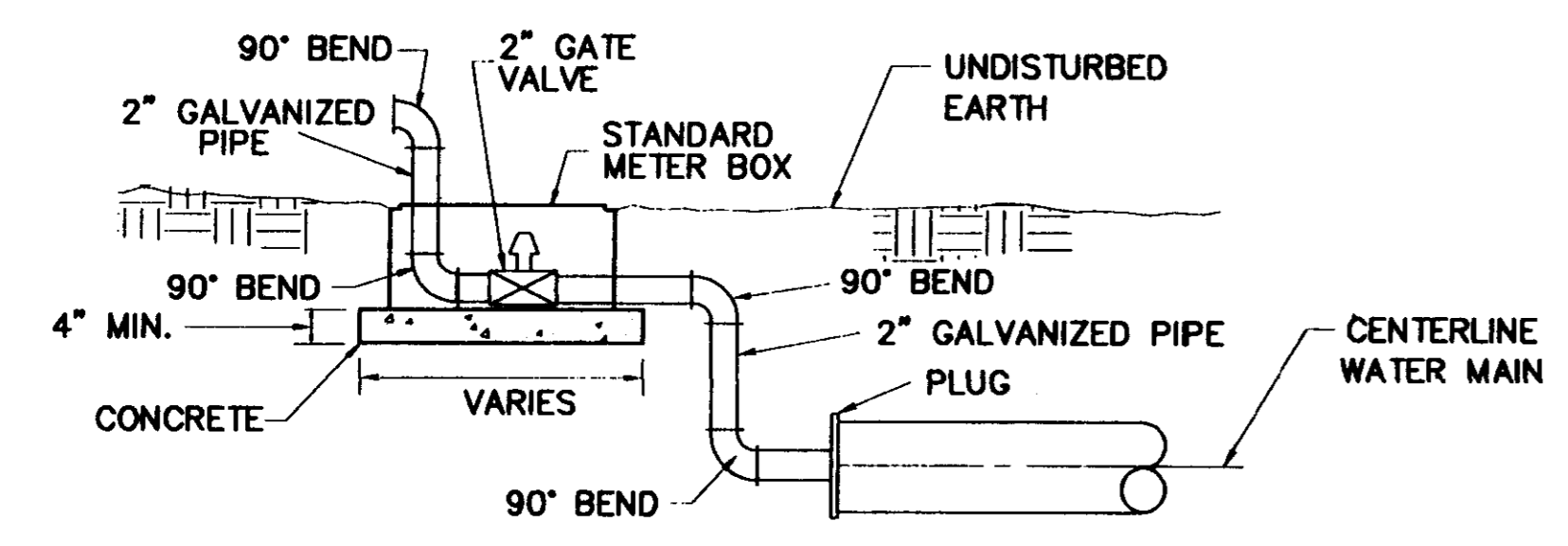


PLAN

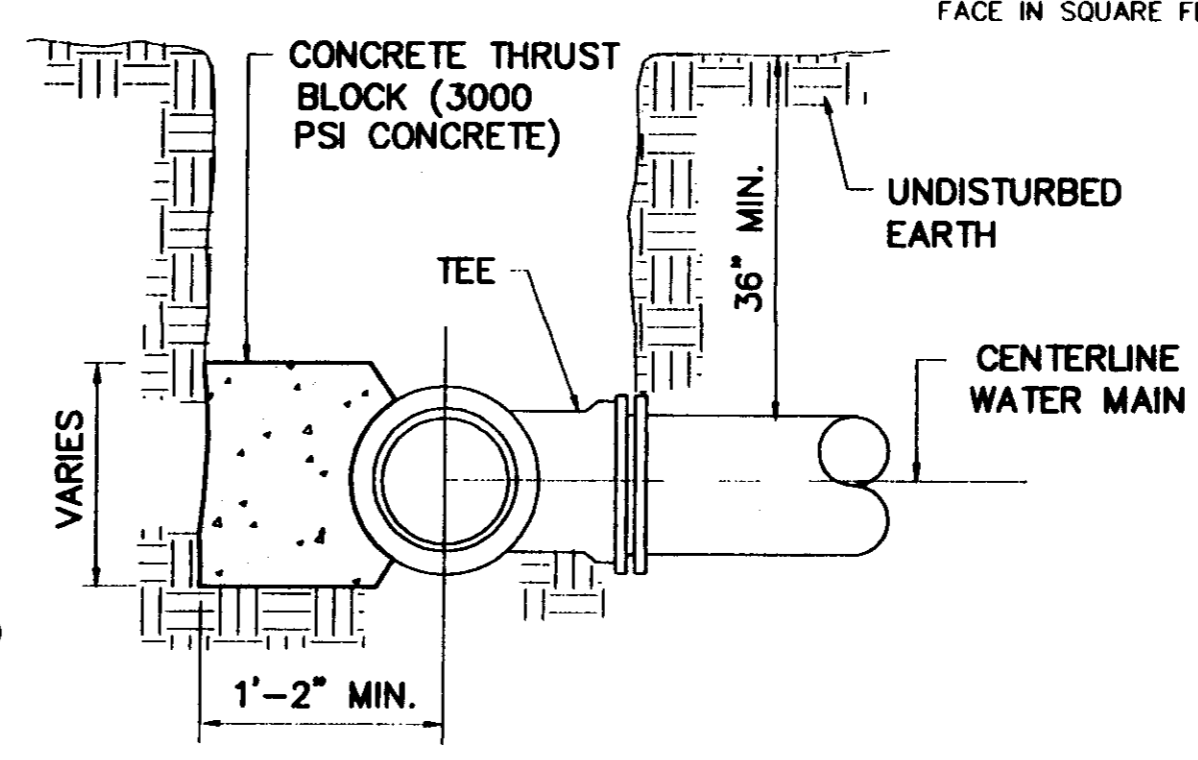
PIPE SIZE	45° BEND	22 1/2° BEND	PLUGS & TEES
4-6	3	3	3
8	3	3	3
10	4	3	3
12	6	3	4
16	11	4	7

NOTE: AREA OF BEARING FACE IN SQUARE FEET

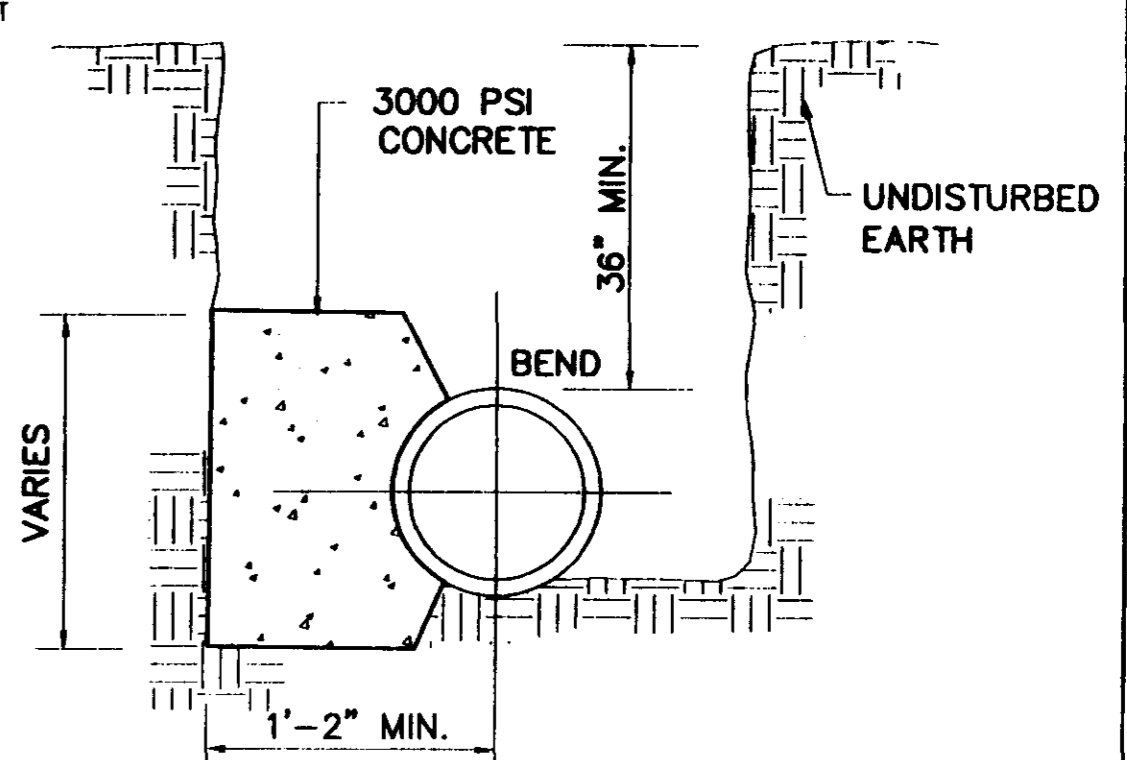
NOTE: COMPENSATION FOR CONCRETE THRUST BLOCKS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR VALVES, FIRE HYDRANTS AND FITTINGS.



TYPICAL 2" BLOW-OFF DETAIL

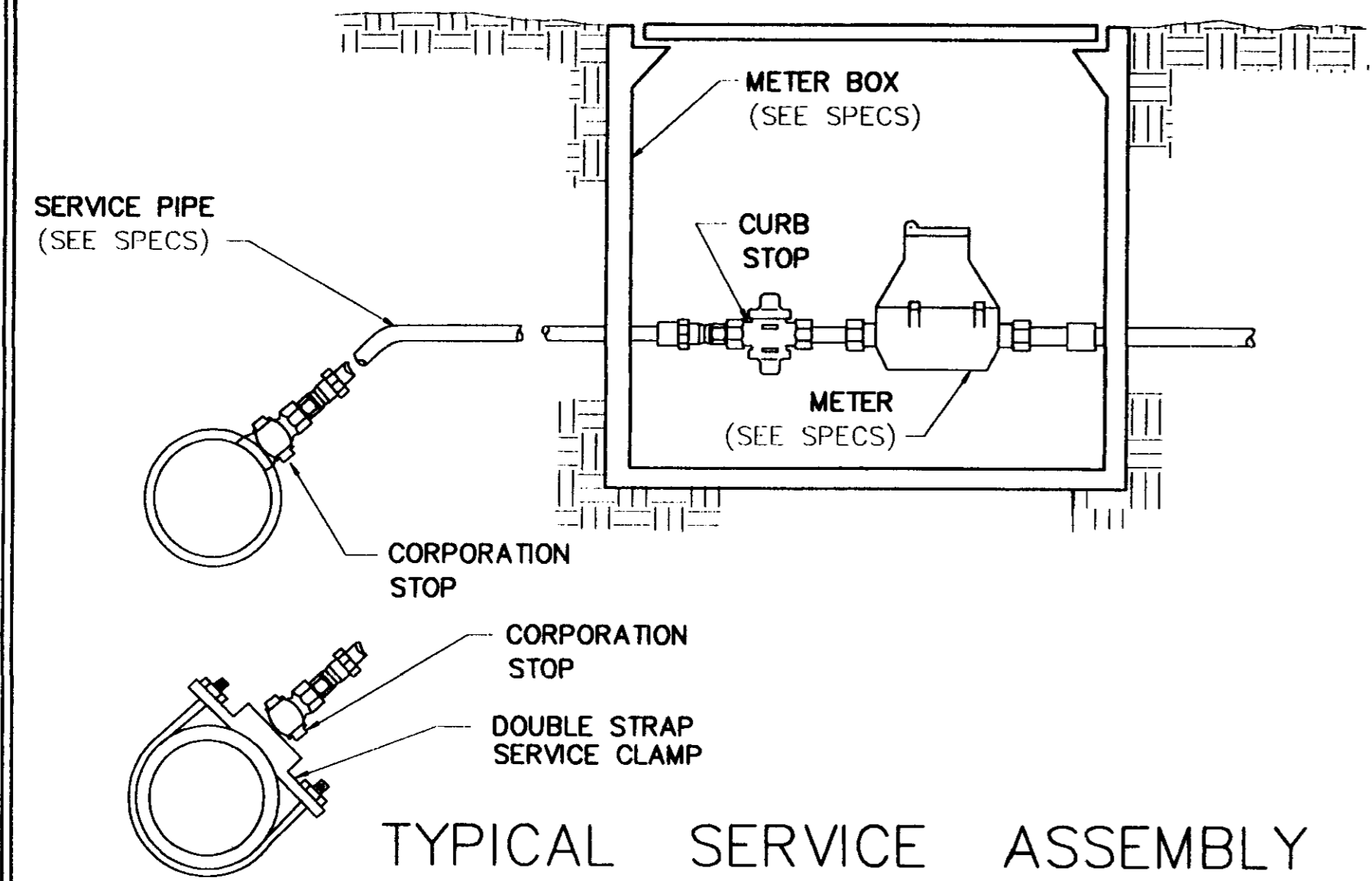


SECTION

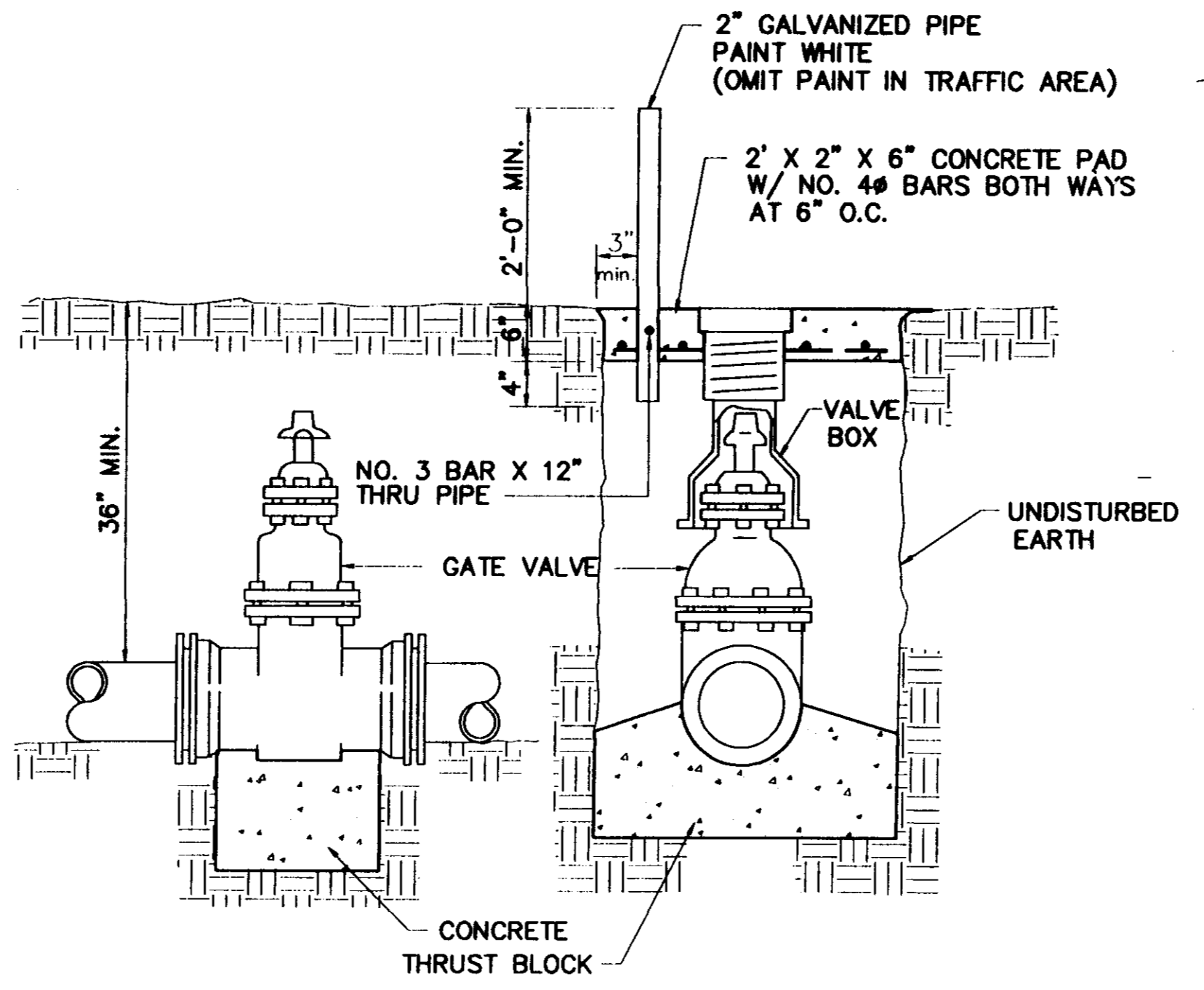


SECTION

BLOCKING DETAILS FOR TEES & BENDS



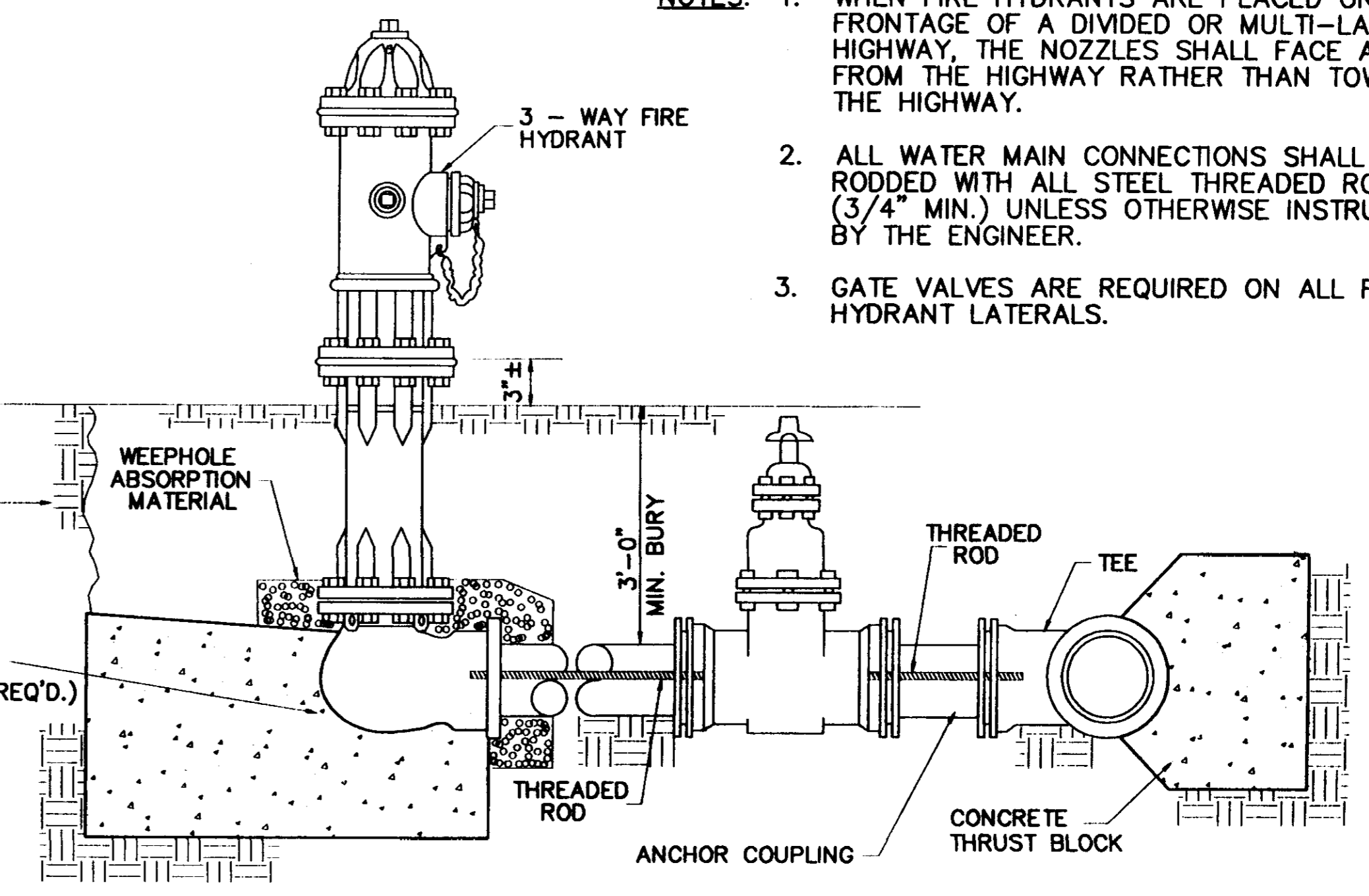
TYPICAL SERVICE ASSEMBLY



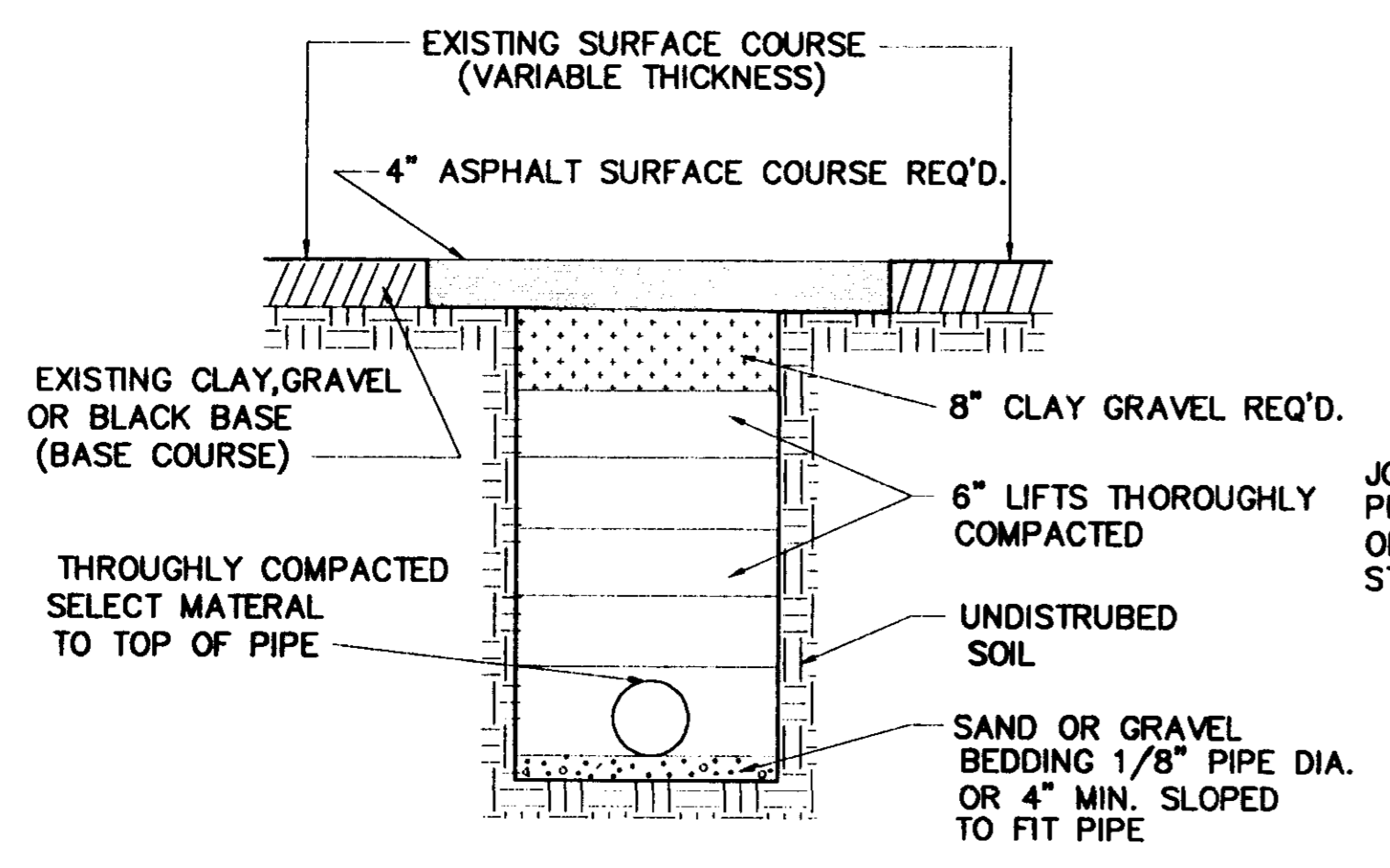
ELEVATION SECTION

TYPICAL VALVE & BOX

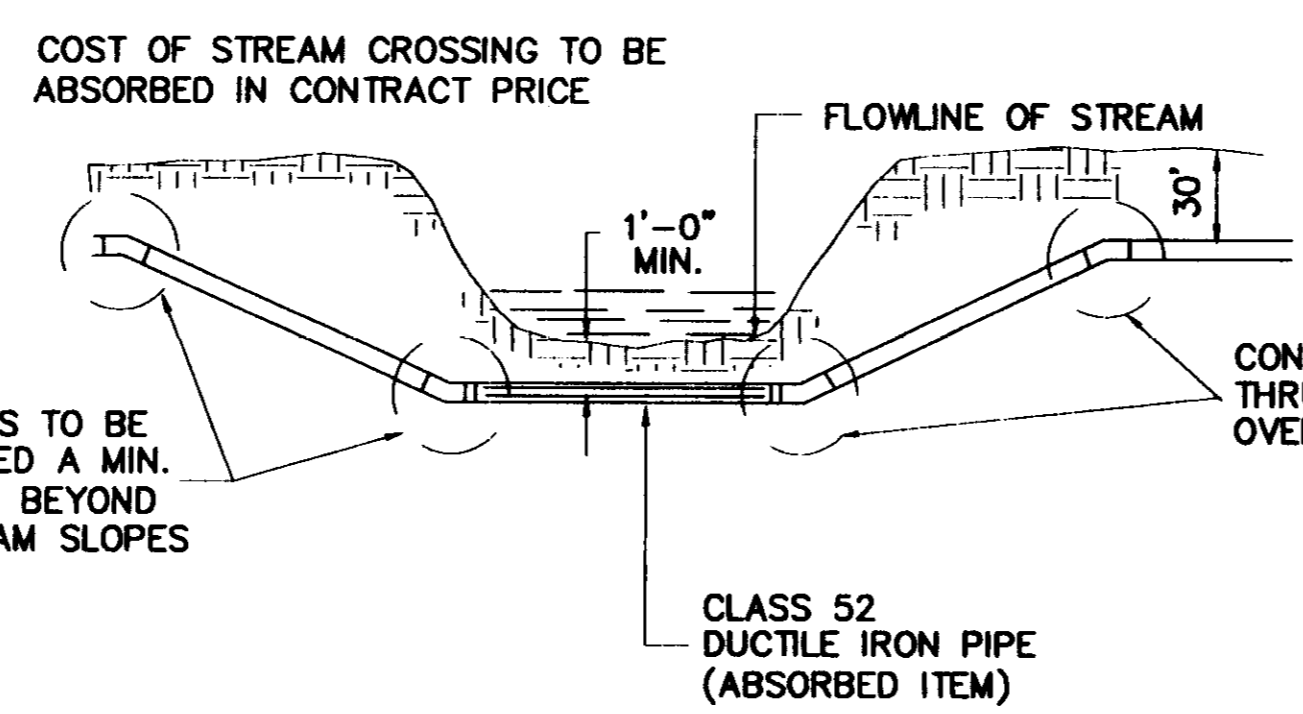
- NOTES:
1. WHEN FIRE HYDRANTS ARE PLACED ON THE FRONTAGE OF A DIVIDED OR MULTI-LANE HIGHWAY, THE NOZZLES SHALL FACE AWAY FROM THE HIGHWAY RATHER THAN TOWARD THE HIGHWAY.
 2. ALL WATER MAIN CONNECTIONS SHALL BE RODDED WITH ALL STEEL THREADED RODS (3/4" MIN.) UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.
 3. GATE VALVES ARE REQUIRED ON ALL FIRE HYDRANT LATERALS.



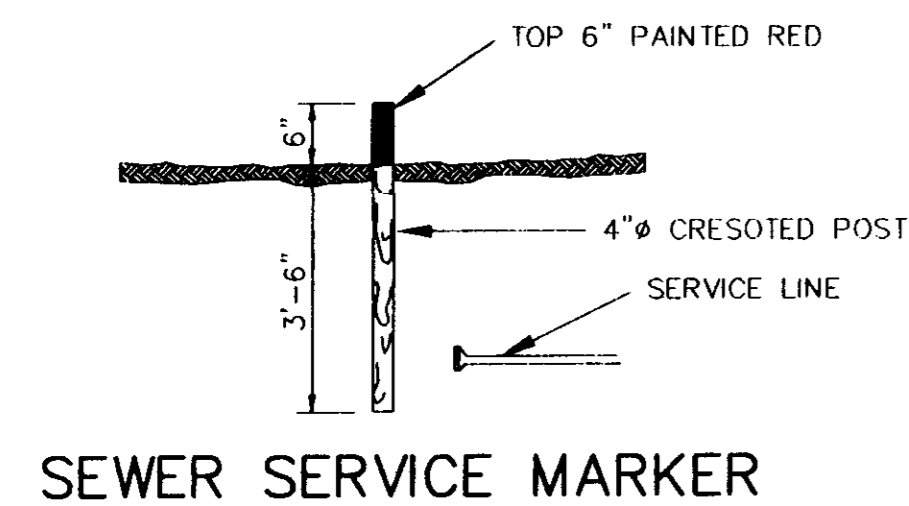
TYPICAL FIRE HYDRANT



STREET REPAIR OF OPEN CUT

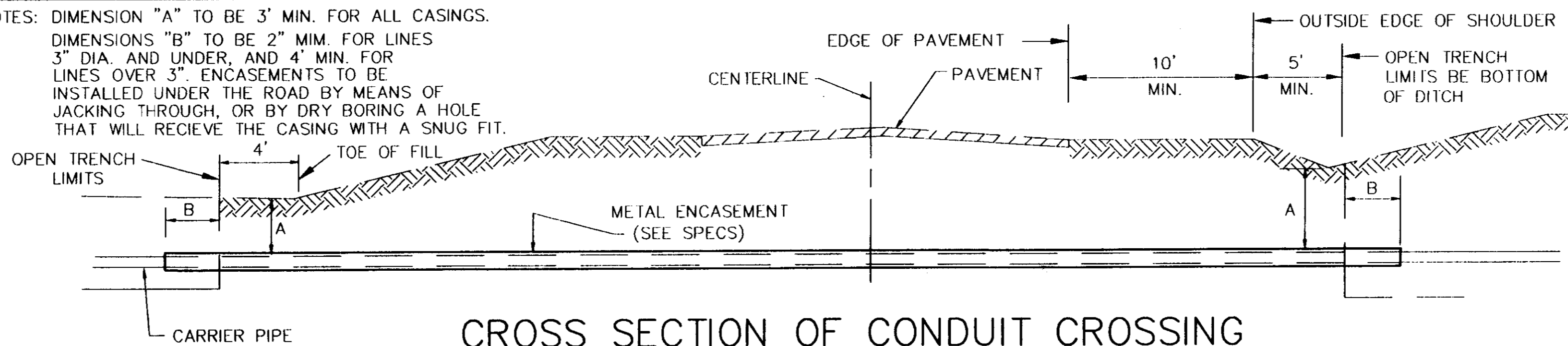


TYPICAL STREAM CROSSING

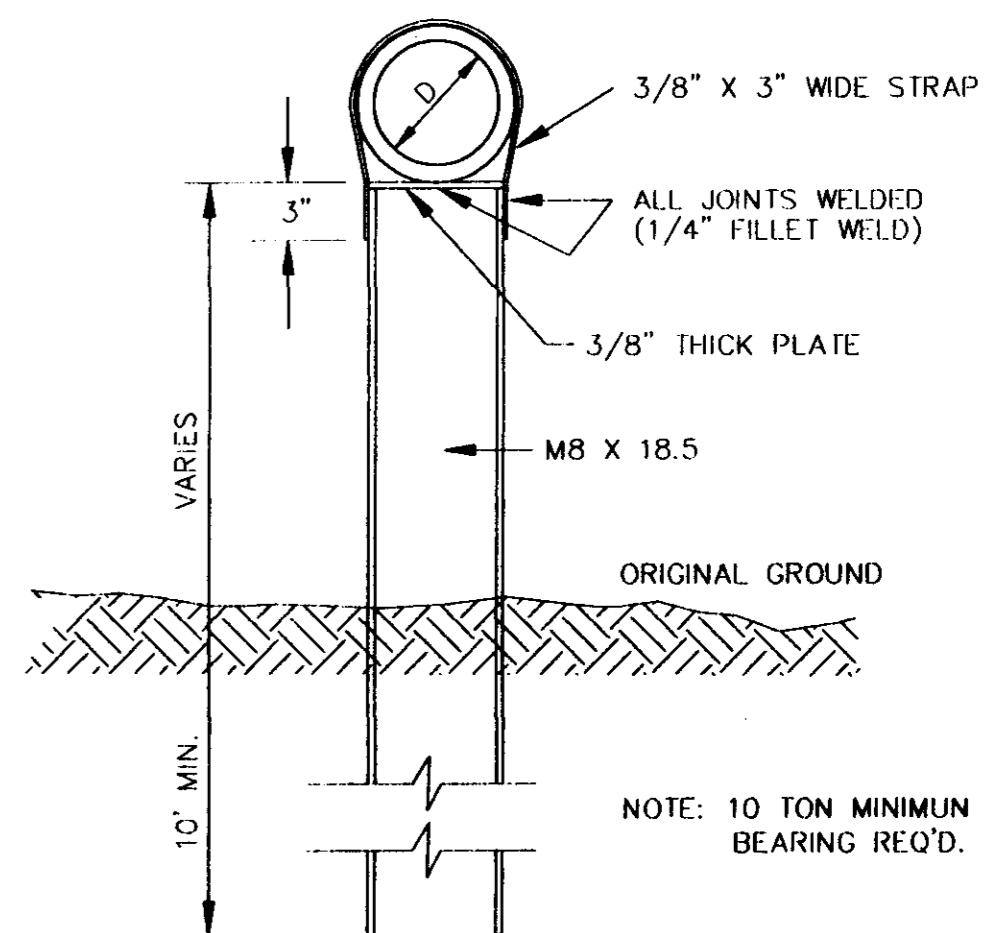


SEWER SERVICE MARKER

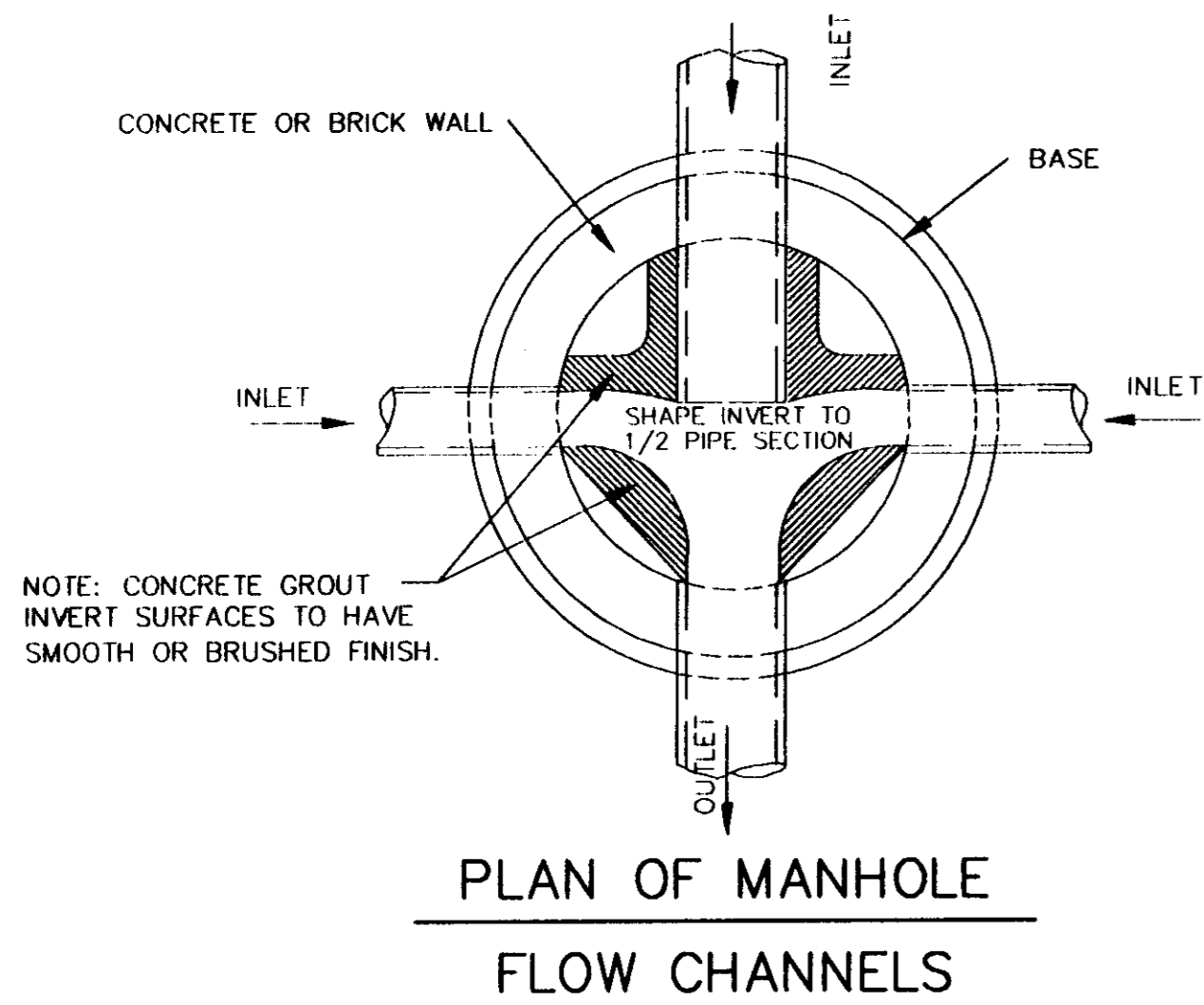
NOTES: DIMENSION "A" TO BE 3" MIN. FOR ALL CASINGS. DIMENSIONS "B" TO BE 2" MIN. FOR LINES 3" DIA. AND UNDER, AND 4" MIN. FOR LINES OVER 3". ENCASUREMENTS TO BE INSTALLED UNDER THE ROAD BY MEANS OF JACKING THROUGH, OR BY DRY BORING A HOLE THAT WILL RECEIVE THE CASING WITH A SNUG FIT.



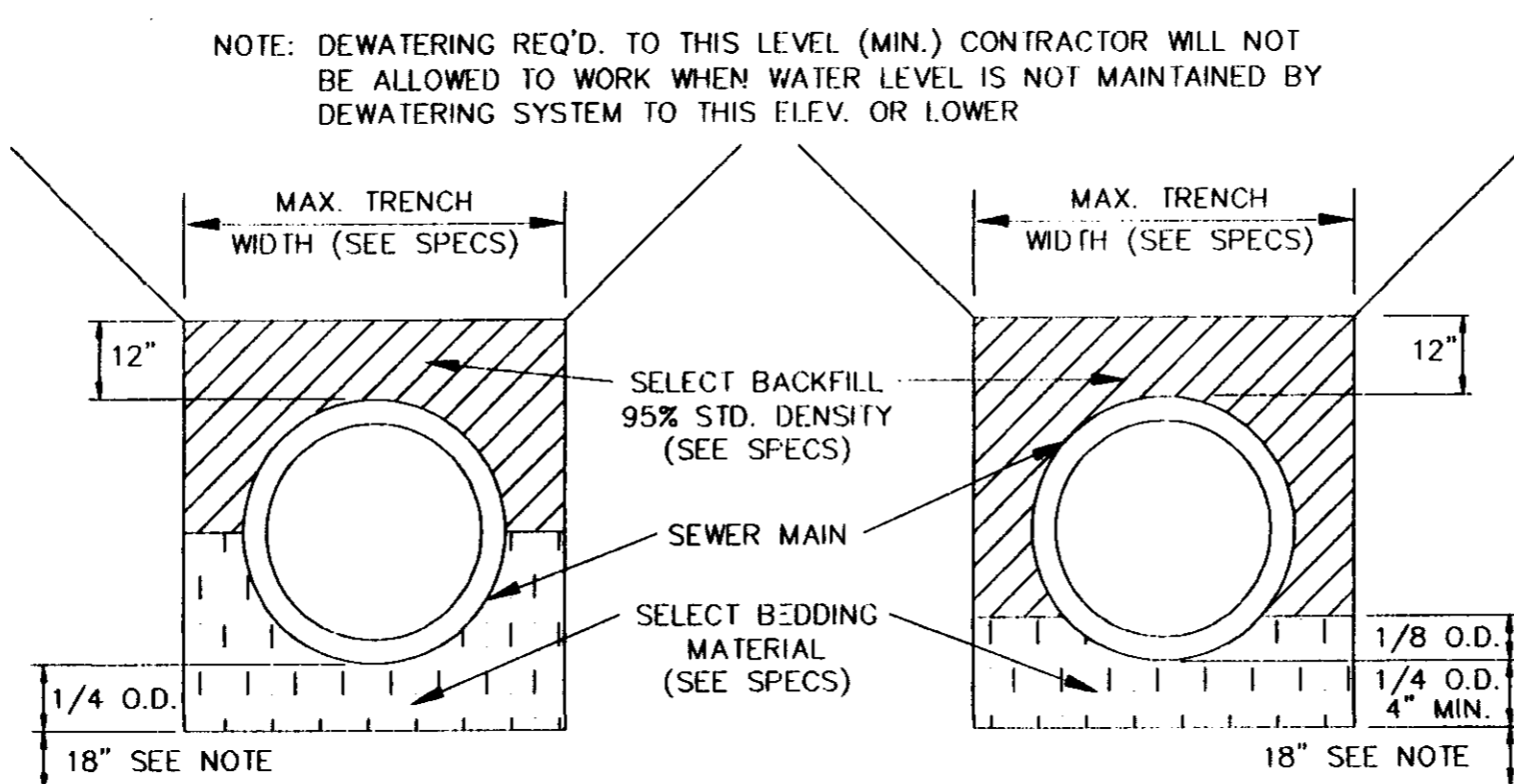
CROSS SECTION OF CONDUIT CROSSING



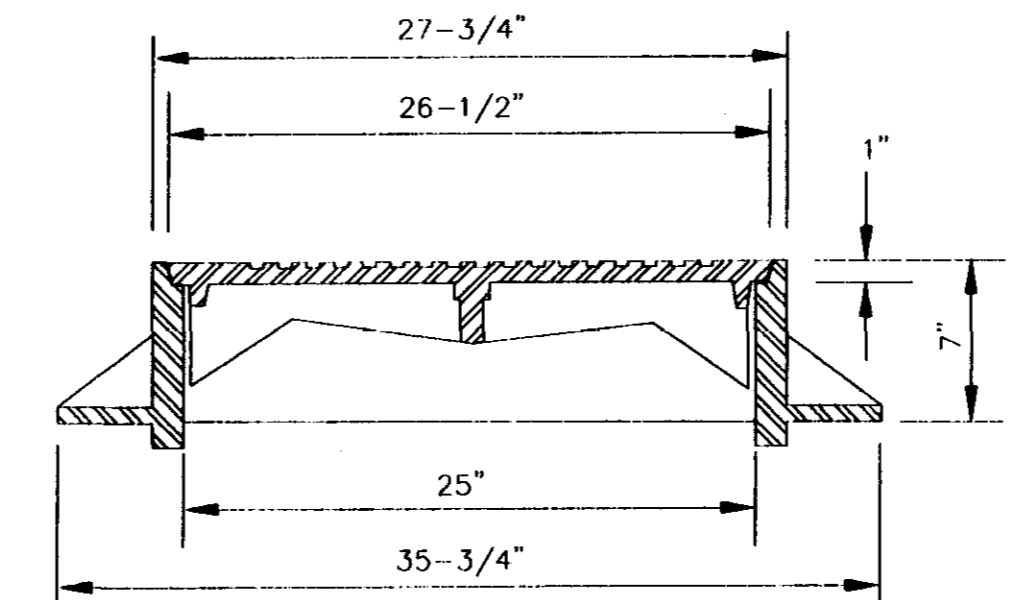
DETAIL TYPE "A" PIER



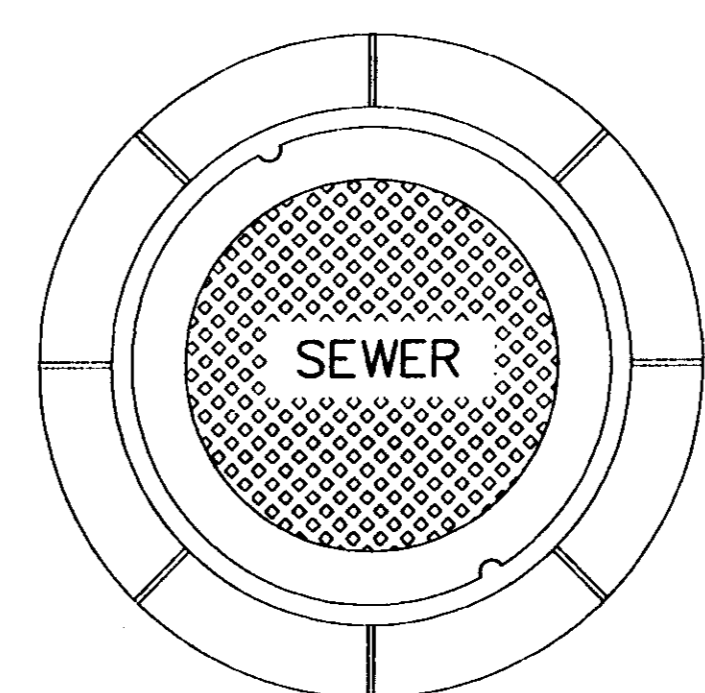
PLAN OF MANHOLE FLOW CHANNELS



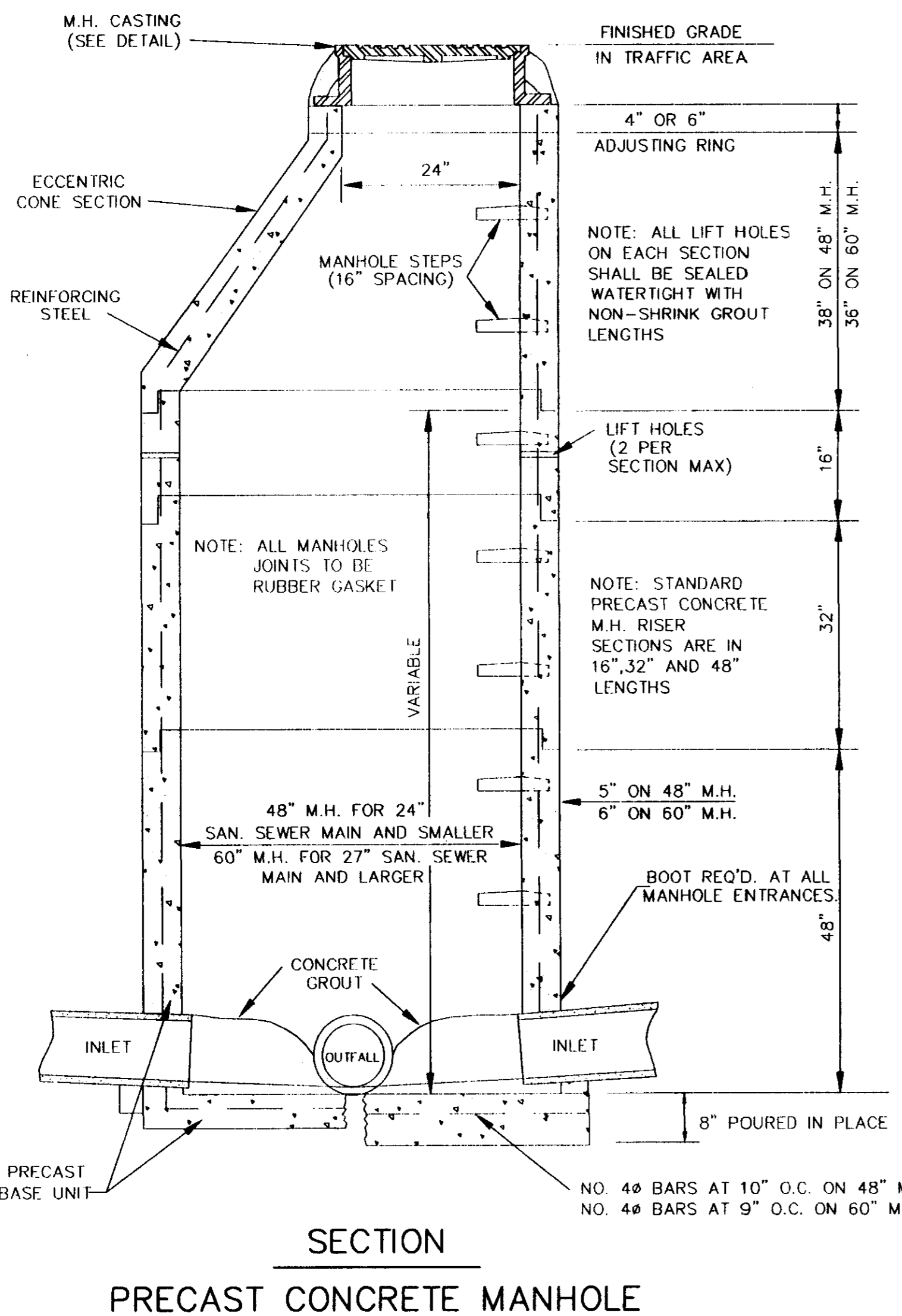
TYPICAL SECTION CLASS "B" BEDDING TYPICAL SECTION CLASS "C" BEDDING



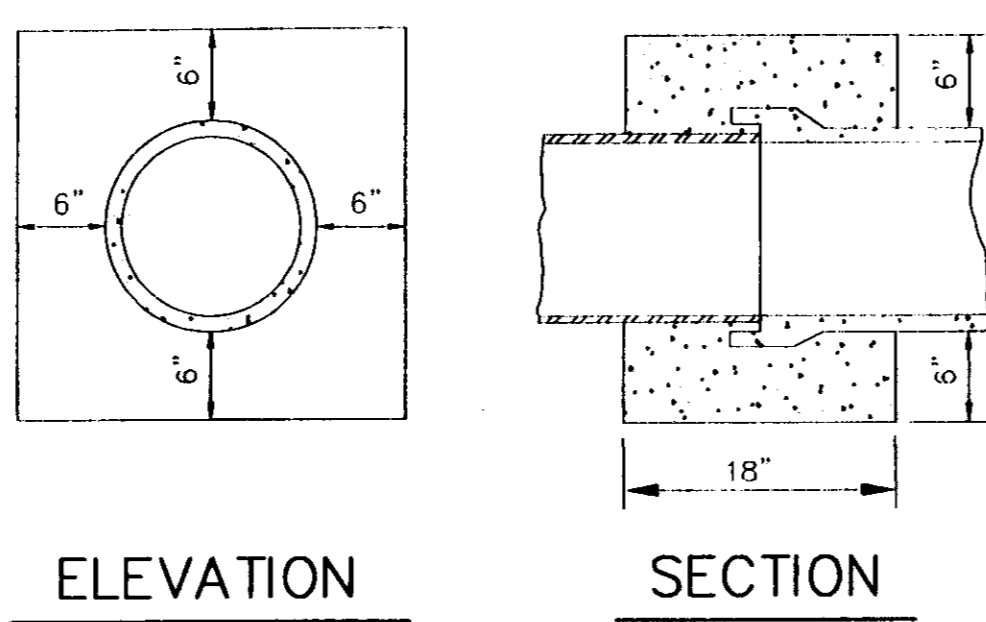
SECTION TYPE "A" MANHOLE CASTING



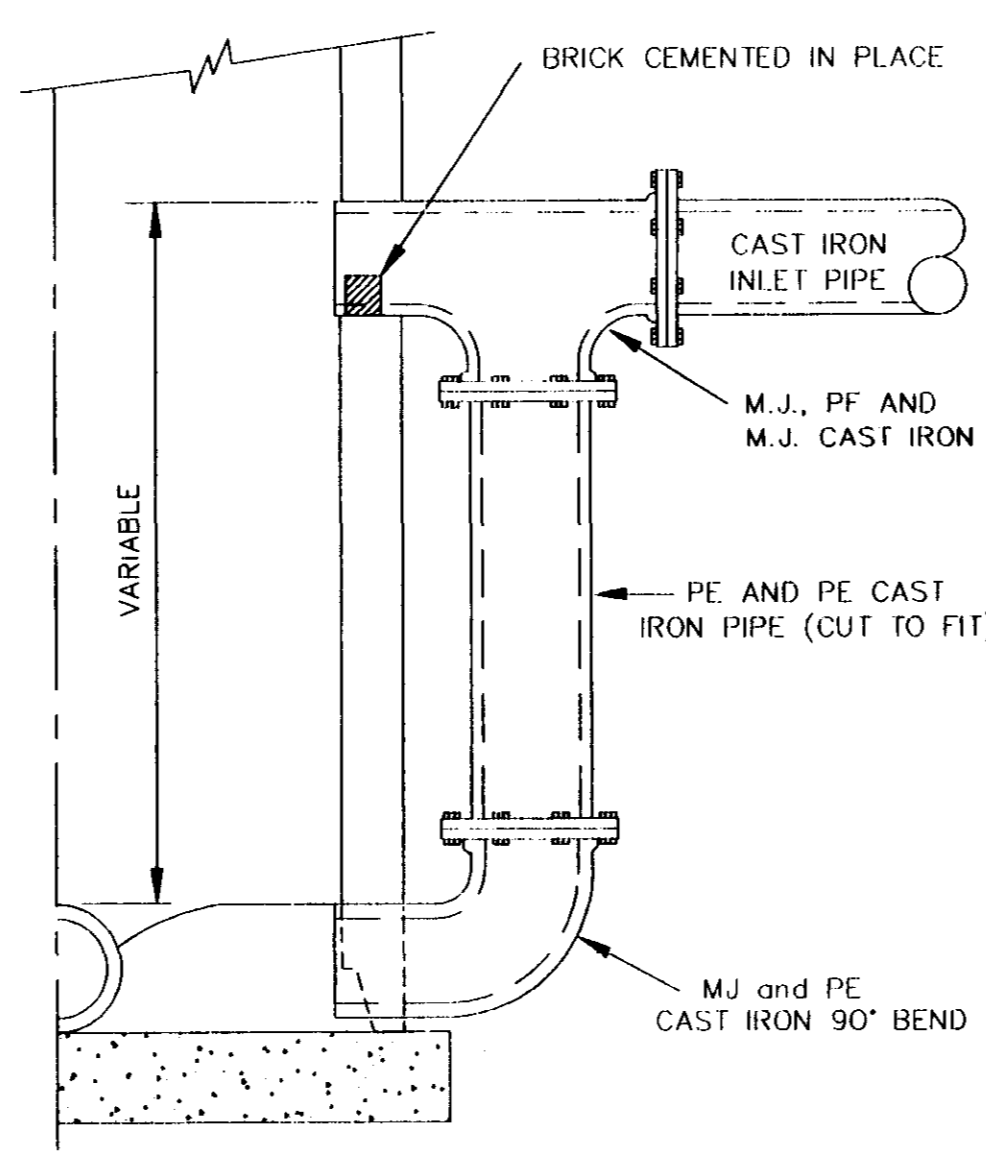
PLAN MANHOLE CASTING



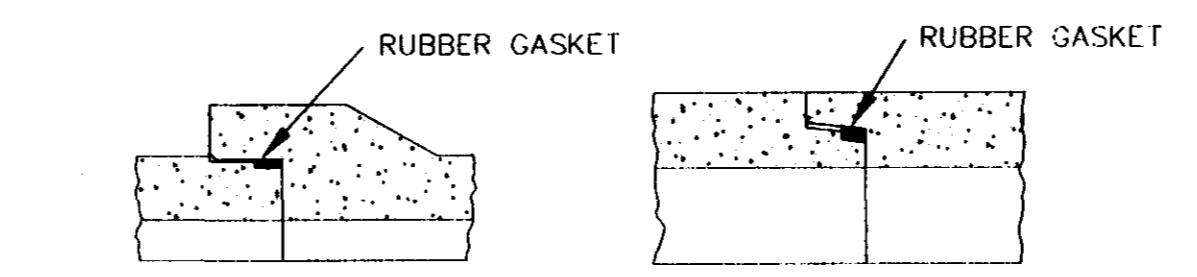
SECTION PRECAST CONCRETE MANHOLE



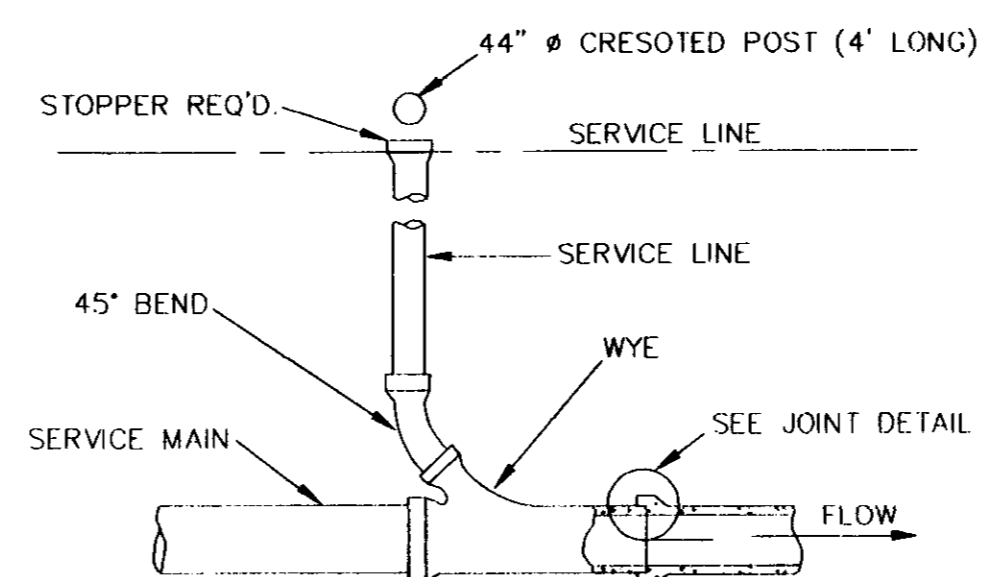
ELEVATION SECTION CONCRETE COLLAR DETAILS



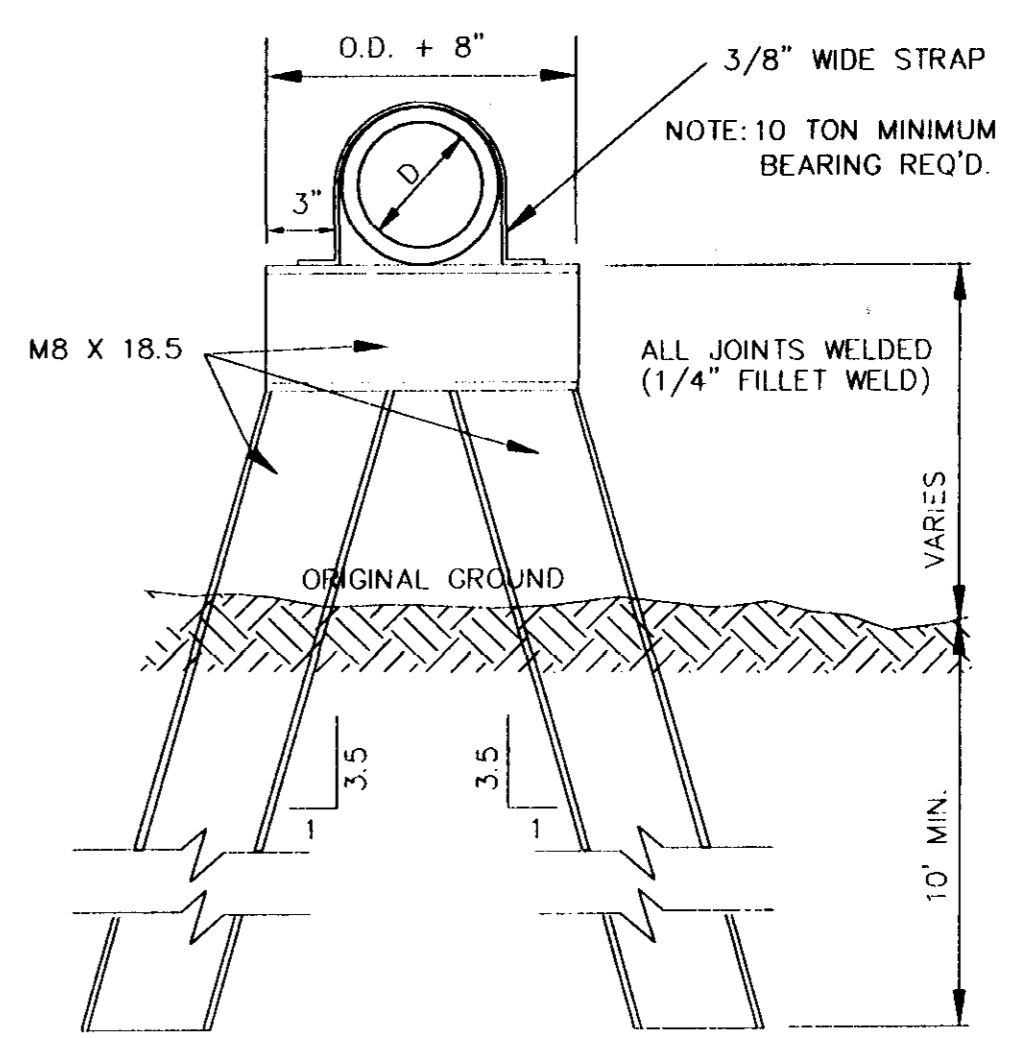
HALF SECTION MANHOLE WITH DROP SECTION



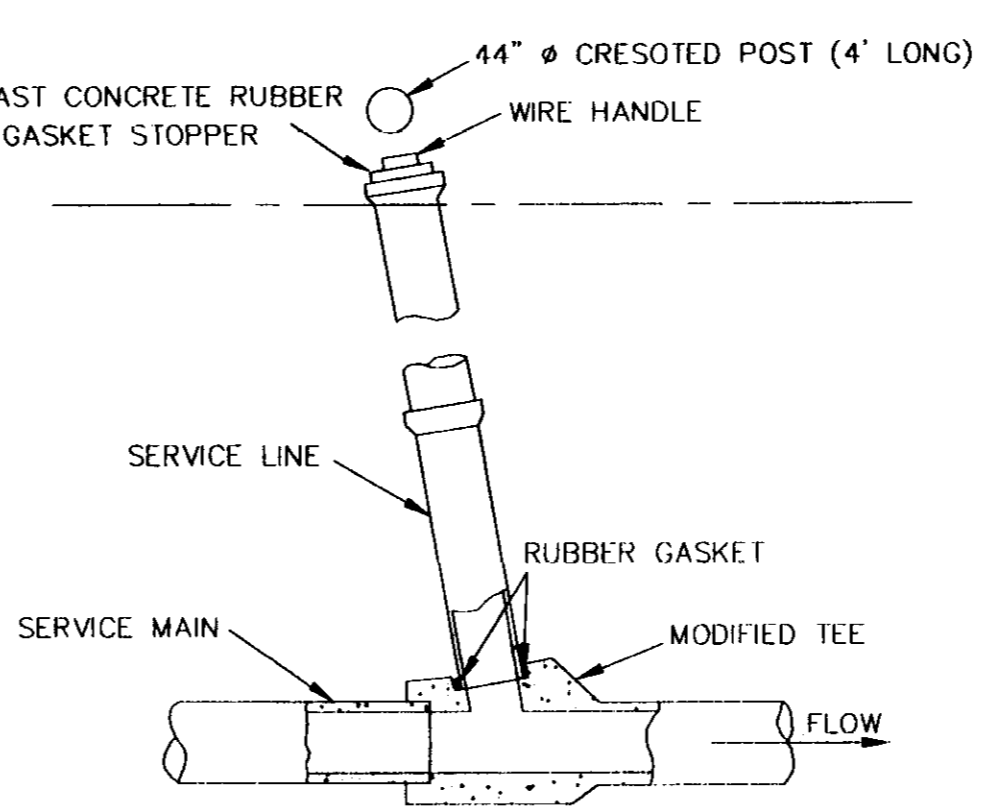
BELL & SPIGOT TONGUE & GROOVE JOINT DETAILS



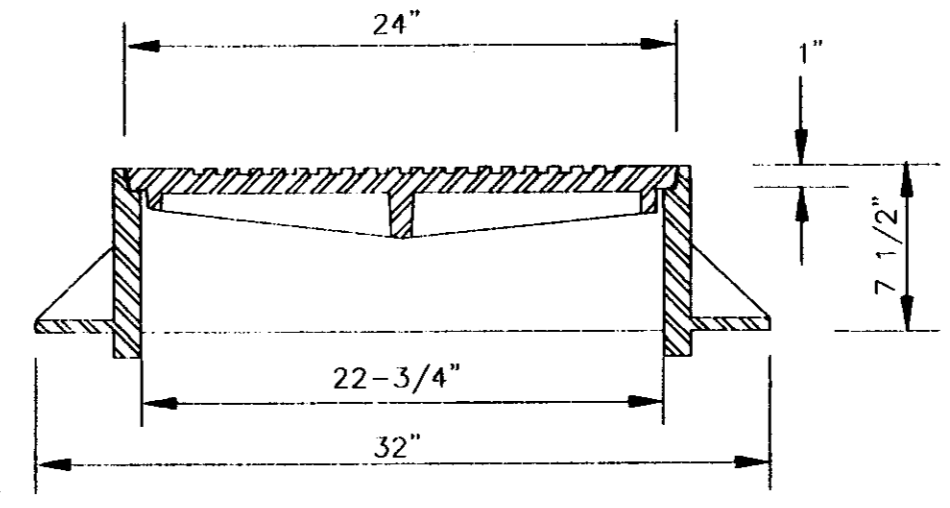
TYPICAL SERVICE TO PROPERTY LINE WITH WYE JOINT



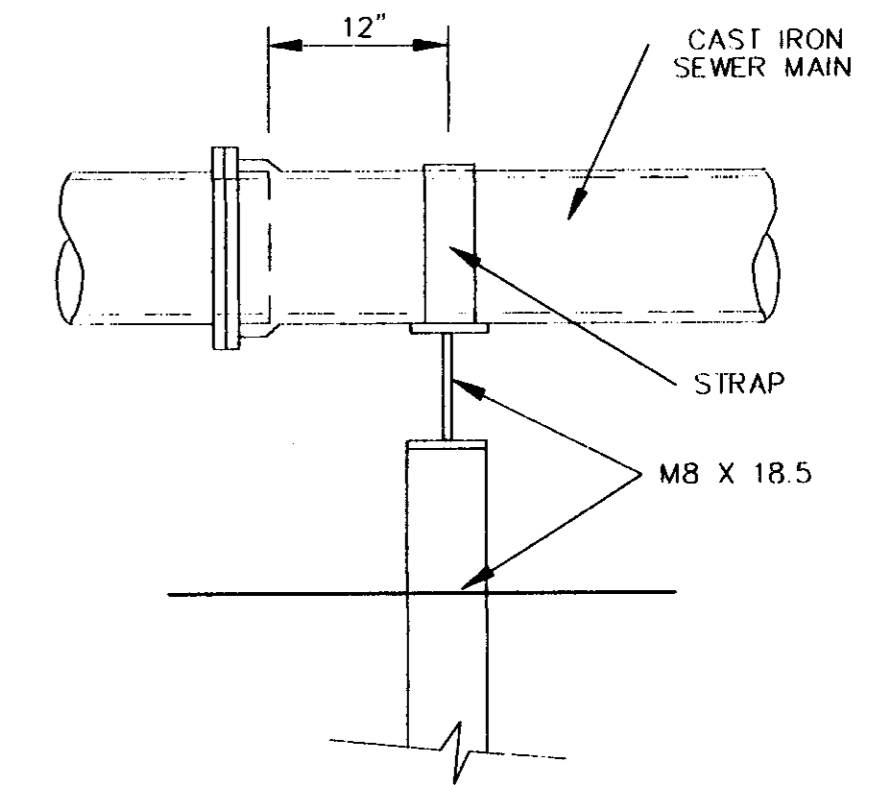
DETAIL TYPE "B" PIER



TYPICAL SERVICE TO PROPERTY LINE WITH MODIFIED TEE JOINT



SECTION TYPE "B" MANHOLE CASTING

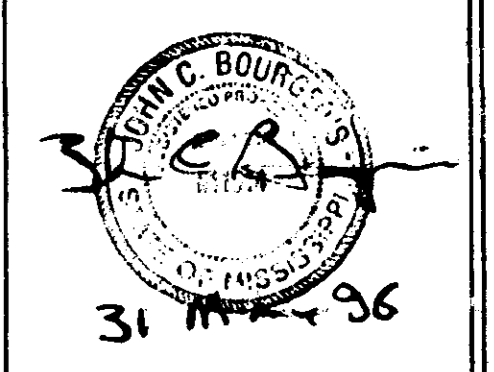


SIDE ELEVATION TYPE "B" PIER

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RIDGELAND COMMERCIAL / BUSINESS PARK
CITY OF RIDGELAND, MISSISSIPPI

DRAWING REVISIONS		
NO.	REMARKS	DATE



DESIGNED BY: H.J. SCALE: NONE
CHECKED BY: H.J. DATE: 2-28-96
DRAWN BY: J.B. PROJECT: 95-021M
PLANNED BY: C.V.P./S.D.M./S.E.W.S.I.A.N.D.

SANITARY SEWER STANDARD DETAIL