

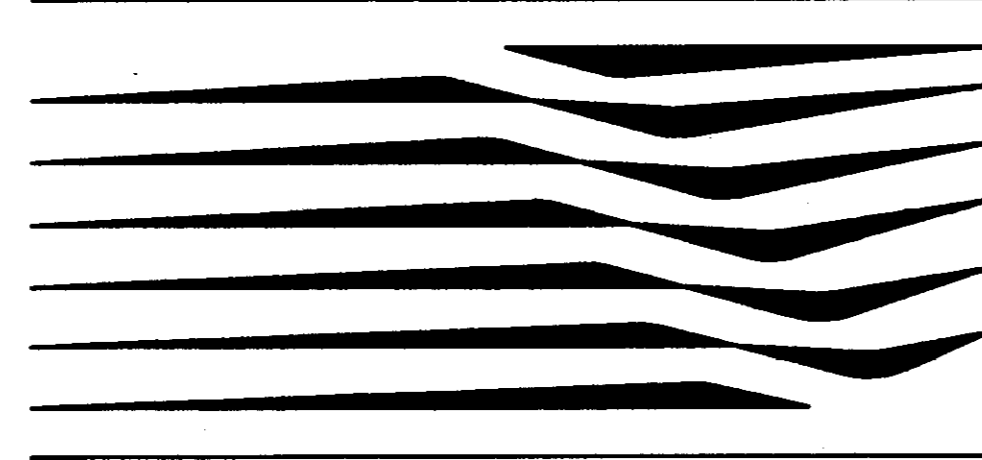


WAGGONER
ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
801-355-8526
FAX 801-352-3045

3102 CMITY ST.
PASCAGOULA, MS 39567
801-782-8568
FAX 801-786-1417

THE CITY OF



RIDGELAND

City Of Ridgeland Ridgeland, Mississippi

CITY WIDE SANITARY SEWER REHABILITATION PROJECT

OFFICIALS

MAYOR

GENE F. McGEE

MAYOR PRO TEM

GERALD STEEN

CITY ATTORNEY

JERRY MILLS

BOARD OF ALDERMEN

JOE BARLOW

HARVEY CARR JR.

LINDA TRUNZLER

GERALD STEEN

KATHI IRONS

DARYL SMITH

CITY OF RIDGELAND STAFF

PUBLIC WORKS DIRECTOR

SAM VINSON, P.E.

ASST. CITY ENGINEER

DAVID WILLIAMS, P.E.

ASST. PUBLIC WORKS DIRECTOR

SID HAWTHORNE

CITY CLERK

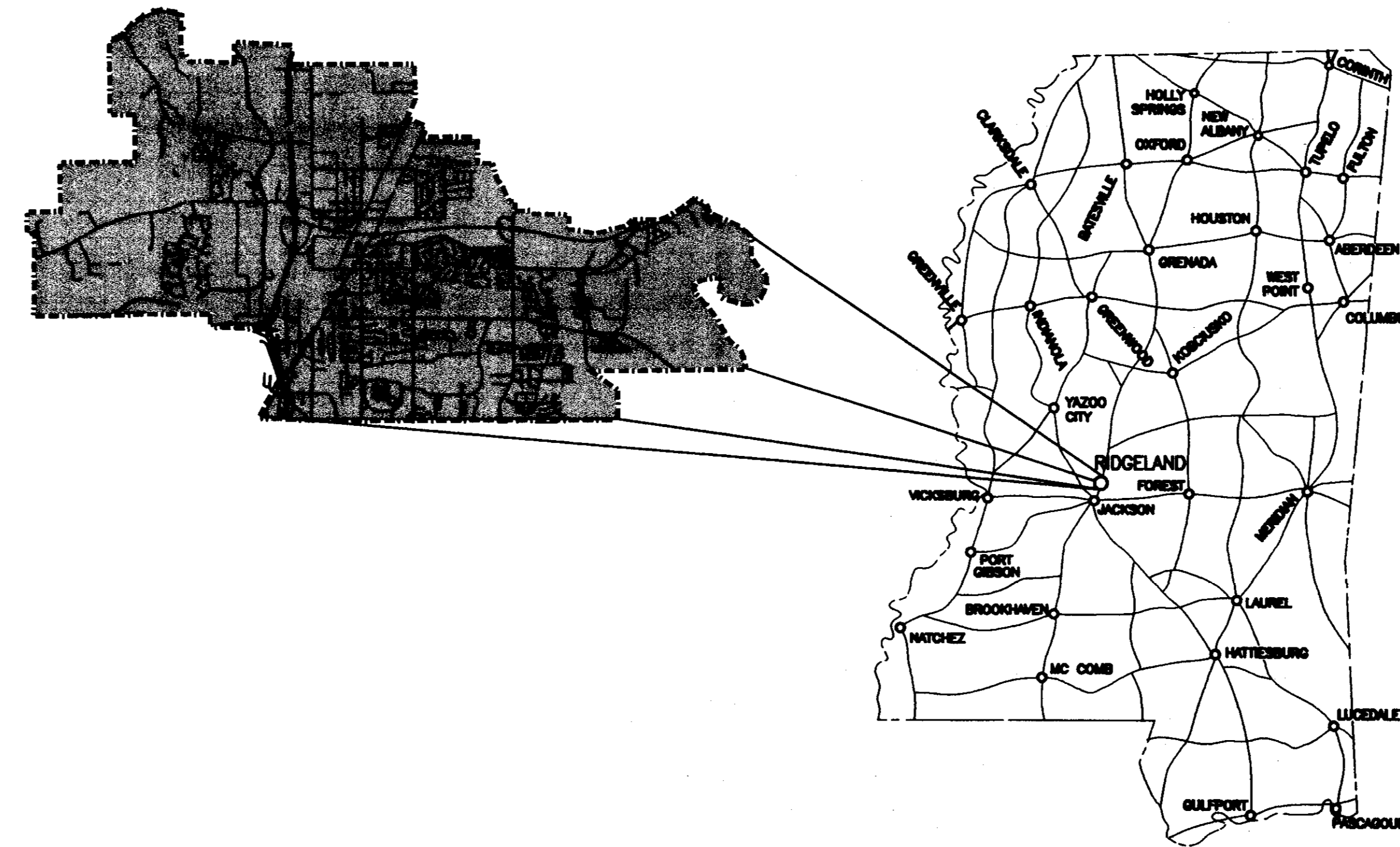
MICHAEL McPHEARSON

FIRE CHIEF

ELMER WAITS

POLICE CHIEF

CHARLES NEWELL



VICINITY MAP

February, 1997

Project 93-147

PWP-01936

Project 93-147

City Of Ridgeland
City Wide Sanitary Sewer Rehabilitation Project



WAGGONER ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

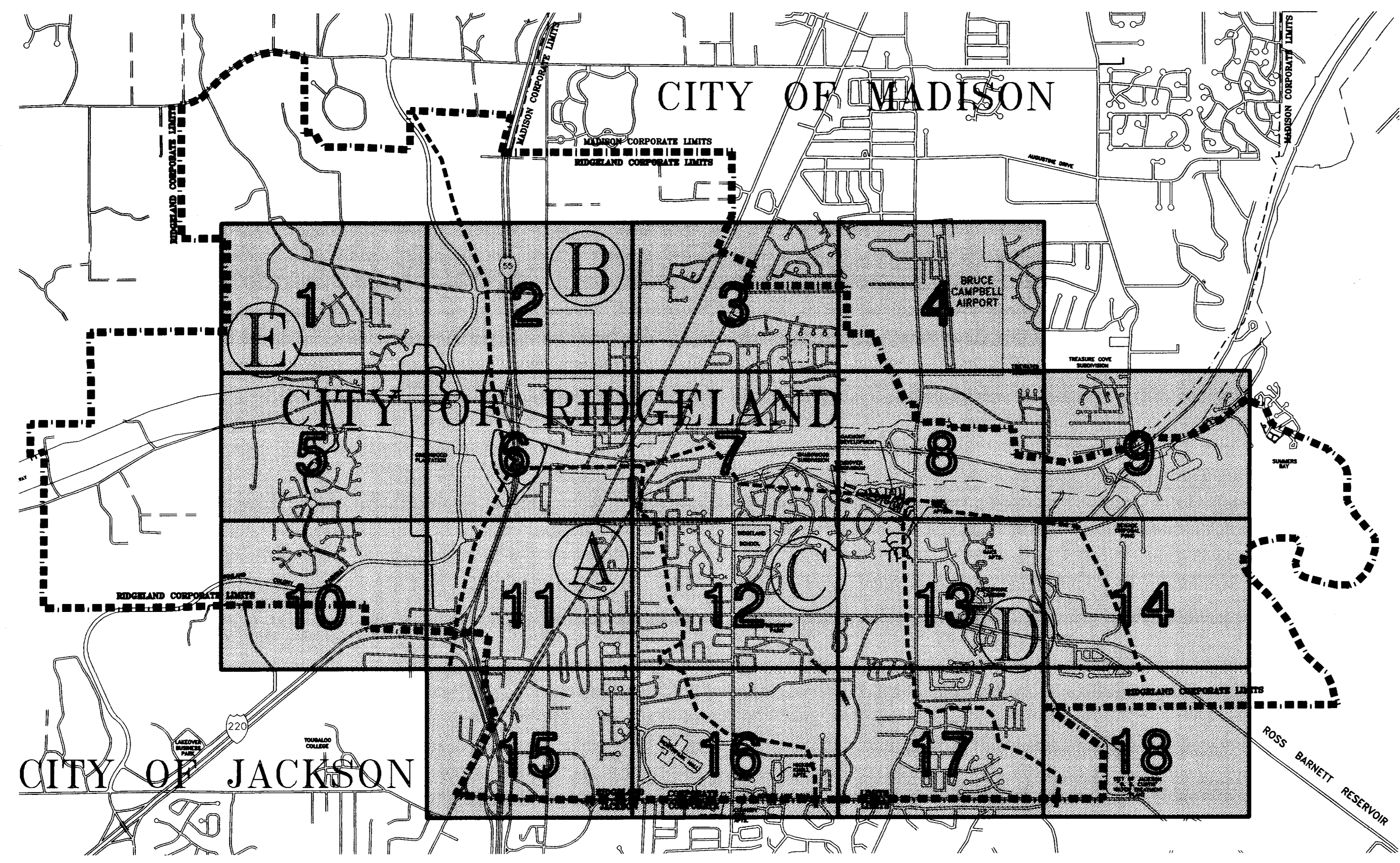
825 N. PRESIDENT ST.
JACKSON, MS 39202
601-353-8528
FAX 601-352-3945

3102 CANY ST.
PASCAGOULA, MS 39567
601-782-8558
FAX 601-788-1417

SHEET INDEX

| SHEET NO. | SHEET NAME |
|-----------|-------------------------------------|
| COVER | COVER |
| INDEX | DRAWING INDEX & SCHEDULE OF REPAIRS |
| 1-18 | REVIEW OF NEEDED REPAIRS |
| 19 | SANITARY SEWER STANDARD DETAILS |
| 20 | TYPICAL DETAILS |

- ### LEGEND
- — — CORPORATE LIMITS
 - — — BASIN LIMITS
 - MANHOLE WITH I.D.#
 - PUMP STATION WITH I.D.#
 - SEWER LINE WITH FLOW ARROW
 - MANHOLE REPAIR REQUIRED WITH I.D.# & REPAIR CODE
 - SMOKE TEST PHOTO I.D.# WITH REPAIR CODE
 - LINE REPLACEMENT REQUIRED



SHEET INDEX MAP

Scale: 1" = 2000'

- ### CODE DESCRIPTION
2. DISCONNECT ROOF DRAIN AND PLUG CONNECTION AT SURFACE
 3. PLUG STORM/SURFACE DRAIN CONNECTION AT MANHOLE
 4. REPLACE BROKEN SERVICE CLEANOUT
 5. REPLACE BROKEN OR MISSING CLEANOUT PLUG
 6. EXCAVATE AND PLUG DISCONTINUED SERVICE AT PROPERTY LINE
 7. REPLACE MANHOLE RING AND COVER
 8. REPLACE MH RING AND COVER WITH WATER TIGHT RING AND COVER
 9. REALIGN AND GROUT MH RING AND COVER - IN STREET
 10. REALIGN AND GROUT MH RING AND COVER - NOT IN STREET
 11. PLUG MANHOLE/LINE CONNECTION
 12. PLUG VENT HOLES IN MANHOLE LID
 13. SERVICE LINE POINT REPAIR
 14. POUR CONCRETE COLLAR OVER EXPOSED SERVICE LINE AND BACKFILL
 15. INSTALL DROP IN MANHOLE
 16. REHAB MANHOLE BENCH INVERT ONLY
 17. REPLACE MANHOLE (0-8) - NOT IN STREET
 18. REPLACE MANHOLE (0-8) - IN STREET
 19. REPLACE MANHOLE (8-10) - NOT IN STREET
 20. REPLACE MANHOLE (8-10) - IN STREET
 21. REPLACE MANHOLE (10-12) - NOT IN STREET
 22. REPLACE MANHOLE (10-12) - IN STREET
 23. REPLACE MANHOLE (12-14) - NOT IN STREET
 24. REPLACE MANHOLE (12-14) - IN STREET
 25. REPLACE MANHOLE (14-16) - NOT IN STREET
 26. REPLACE MANHOLE (14-16) - IN STREET
 27. RAISE MANHOLE HEIGHT (0.5')
 28. RAISE MANHOLE HEIGHT (1.0')
 29. RAISE MANHOLE HEIGHT (1.5')
 30. RAISE MANHOLE HEIGHT (2.0')
 31. RAISE MANHOLE HEIGHT (3.0')
 32. RAISE MANHOLE HEIGHT (4.0')
 33. REPLACE STEPS IN MANHOLE (AVG. 5 PER MH)
 34. REPAIR MH/LINE CONNECTION (0-8) - NOT IN STREET
 35. REPAIR MH/LINE CONNECTION (0-8) - IN STREET
 36. REPAIR MH/LINE CONNECTION (8-10) - NOT IN STREET
 37. REPAIR MH/LINE CONNECTION (8-10) - IN STREET
 38. REPAIR MH/LINE CONNECTION (10-12) - NOT IN STREET
 39. REPAIR MH/LINE CONNECTION (10-12) - IN STREET
 40. REHAB MANHOLE (0-8) (INSIDE)
 41. REHAB MANHOLE (8-10) (INSIDE)
 42. REHAB MANHOLE (10-12) (INSIDE)
 43. REHAB MANHOLE (12-14) (INSIDE)
 44. REHAB MANHOLE (14-16) (INSIDE)
 45. REHAB MANHOLE (16-18) (INSIDE)
 46. ABANDON MANHOLE
 48. POINT REPAIR MAINLINE (0-8)
 49. POINT REPAIR MAINLINE (8-10)
 50. POINT REPAIR MAINLINE (10-12)
 51. POINT REPAIR MAINLINE (0-8) IN STREET
 52. POINT REPAIR MAINLINE (8-10) IN STREET
 53. POINT REPAIR MAINLINE (10-12) IN STREET
 54. MAINLINE NEEDS TO BE CLEANED AND INSPECTED
 57. REPLACE SERVICE LINE UNDER CONCRETE DITCH
 58. REPLACE BROKEN OR MISSING C.O. IN DRAINAGE DITCH
 59. REPLACE COVER ONLY
 60. RAISE MANHOLE HEIGHT (3') IN STREET
 61. SERVICE LINE POINT REPAIR - IN RIGHT-OF-WAY
 62. SERVICE LINE POINT REPAIR - IN DRAINAGE DITCH
 63. REALIGN CONE SECTION AND REHAB MANHOLE (0-8)
 64. REALIGN CONE SECTION AND REHAB MANHOLE (8-10)
 65. REALIGN CONE SECTION AND REHAB MANHOLE (10-12)
 66. REALIGN CONE SECTION AND REHAB MANHOLE (12-14)
 67. REALIGN CONE SECTION AND REHAB MANHOLE (14-16)
 68. REALIGN CONE SECTION AND REHAB MANHOLE (16-18)
 70. RAISE MANHOLE HEIGHT (5.0')
 71. RAISE MANHOLE HEIGHT (6.0')
 72. RAISE MANHOLE HEIGHT (7.0')
 73. RAISE MANHOLE HEIGHT (8.0')
 100. REHAB MH (0-8) AND REPLACE RING COVER
 101. REHAB MH (8-10) AND REPLACE RING COVER
 102. REHAB MH (10-12) AND REPLACE RING COVER
 103. REHAB MH (12-14) AND REPLACE RING COVER
 104. REHAB MH (14-16) AND REPLACE RING COVER
 105. REHAB MH (16-18) AND REPLACE RING COVER
 106. REHAB MH (0-8) AND RAISE (1.0')
 112. RAISE (2.0') AND REPLACE RING AND COVER
 113. LOCATE AND INSPECT

CITY WIDE SANITARY SEWER REHABILITATION PROJECT

City of Ridgeland, Mississippi

| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|------------------------------|-----------------|
| DESIGNED BY: C.E. | SCALE: 1"=2000' |
| DRAWN BY: H.A. | DATE: 5/12/99 |
| CHECKED BY: | PROJECT: 95-147 |
| DRAWING TITLE: DRAWING TITLE | |

DRAWING INDEX & SCHEDULE OF REPAIRS

INDEX



**WAGGONER
ENGINEERING, INC.**
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
801-355-8526
FAX 801-352-3945

3102 CANTY ST.
PASCAGOULA, MS 39367
801-762-8556
FAX 801-768-1417

SHEET KEY

| | | |
|----|----|----|
| 2 | 3 | 4 |
| 5 | 6 | 7 |
| 8 | 9 | 10 |
| 11 | 12 | 13 |
| 14 | 15 | 16 |
| 17 | 18 | |

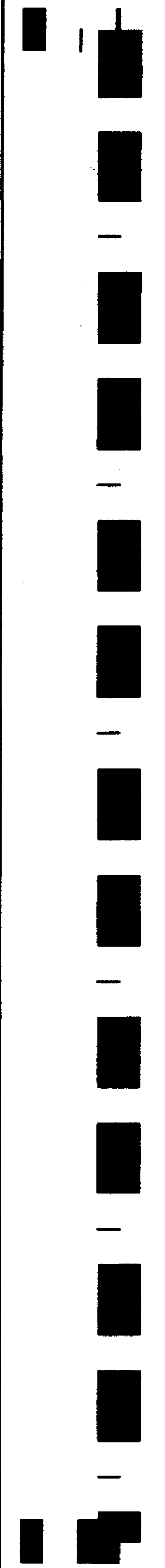
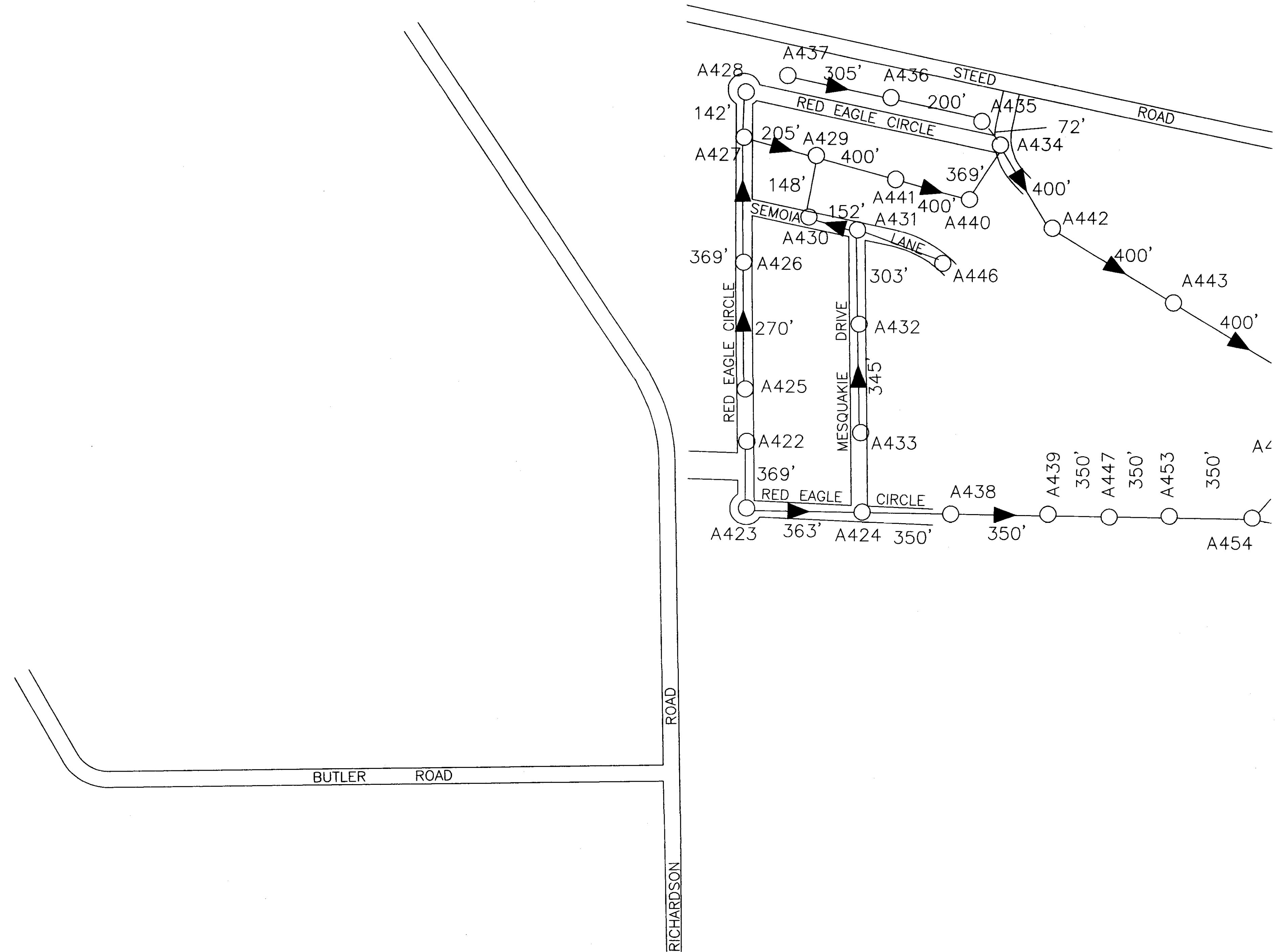
**CITY WIDE SANITARY SEWER
REHABILITATION PROJECT**
City of Ridgeland, Mississippi

DRAWING REVISIONS

| NO. | REMARKS | DATE |
|-----|---------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------|--|
| DESIGNED BY: J.A. | SCALE: 1"=100' |
| CHECKED BY: P.V. | DATE: 6/1/98 |
| PROJECT NO: 83-147 | PROJECT NAME: P.V. SANITARY SEWER REHABILITATION |

REVIEW
OF NEEDED
REPAIRS





WAGGONER
ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
601-355-8528
FAX 601-352-3045

3102 CANTY ST.
PASCAGOULA, MS 39567
601-762-8559
FAX 601-769-1417

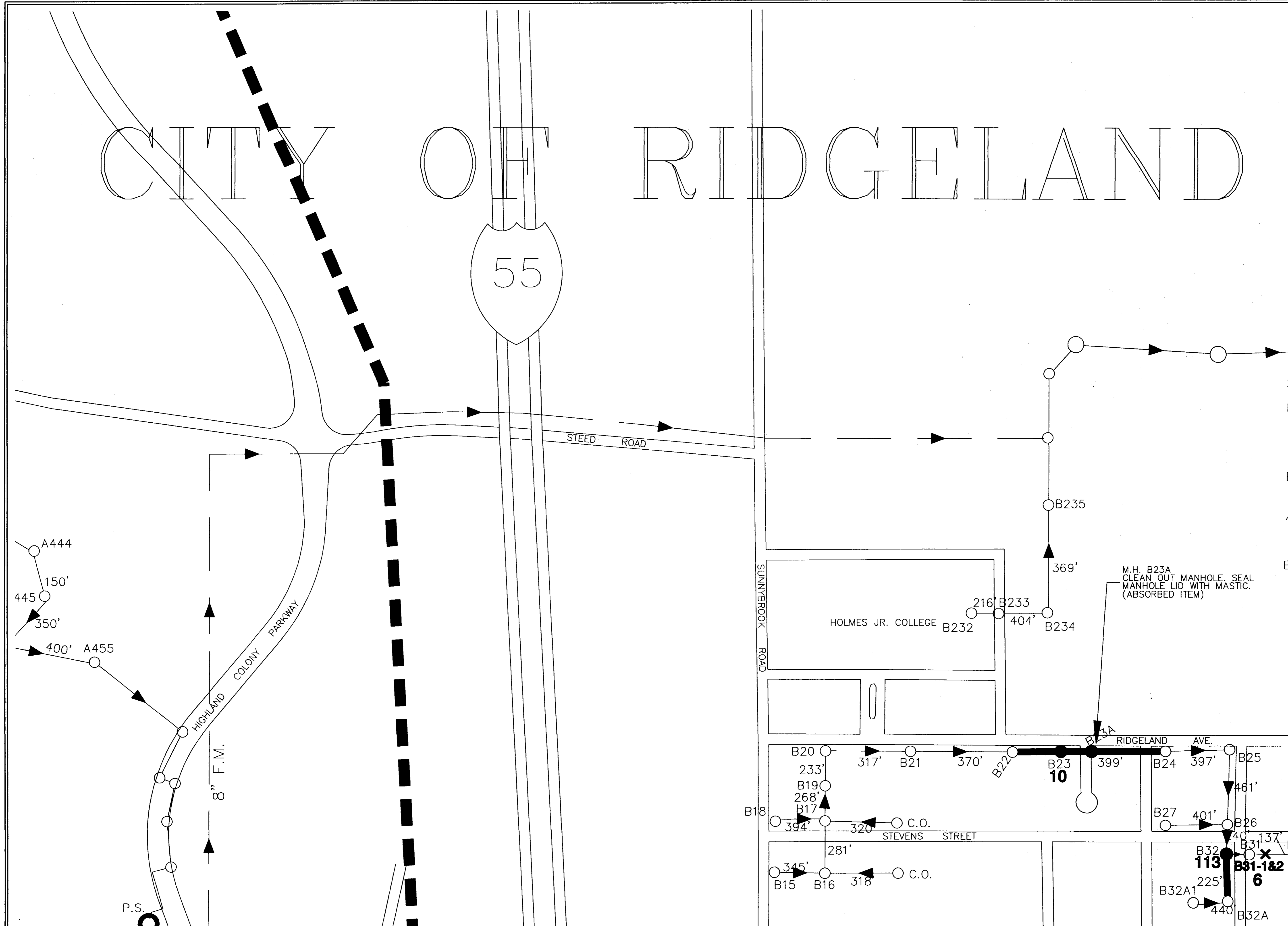
CITY OF RIDGELAND

SHEET KEY

| | | |
|----|----|----|
| 1 | 3 | 4 |
| 5 | 6 | 7 |
| 8 | 9 | |
| 10 | 11 | 12 |
| 13 | 14 | |
| 15 | 16 | 17 |
| 18 | | |

CITY WIDE SANITARY SEWER
REHABILITATION PROJECT

City of Ridgeland, Mississippi



| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------------|-----------------|
| DESIGNED BY: CA | SCALE: 1"=60' |
| CHECKED BY: H.A. | DATE: 2/28/97 |
| DRAWN BY: J.M. | PROJECT: 89-147 |
| PLOT NAME: P:\P\89-147-0 | |

REVIEW
OF NEEDED
REPAIRS

2 OF 20



WAGGONER
ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39201
601-352-8200
FAX 601-352-3941

3102 CANTY ST.
PASCAGOULA, MS 39366
601-782-8200
FAX 601-788-1411

SHEET KEY

| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |

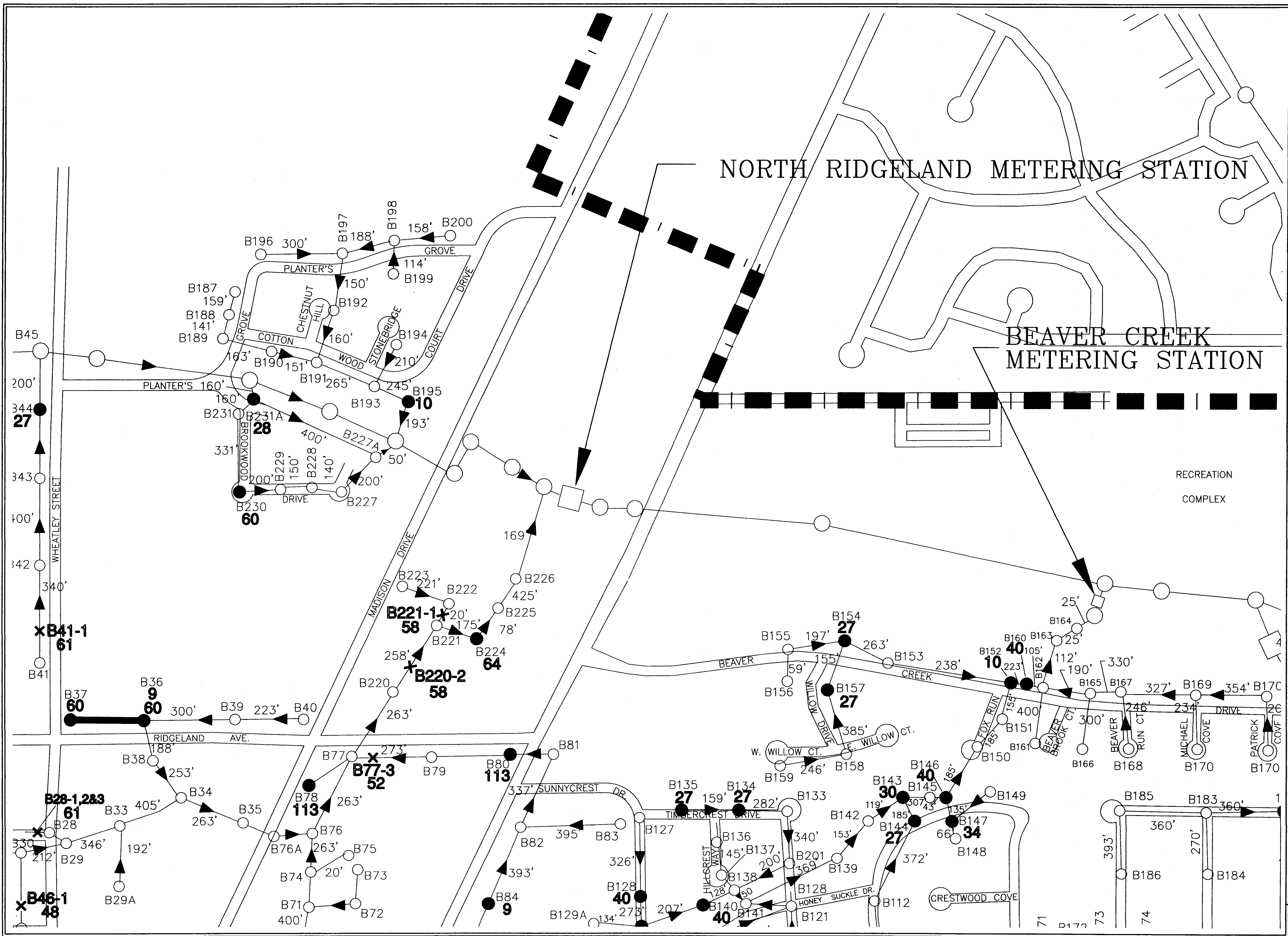
**CITY WIDE SANITARY SEWER
REHABILITATION PROJECT**

City of Ridgeland, Mississippi

| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |

| | |
|--------------------------------------|-----------------|
| DESIGNED BY: G.S. | SCALE: P=50' |
| DRAWN BY: H.A. | DATE: 2/28/07 |
| CHECKED BY: J.B. | PROJECT: 05-110 |
| PAIN NAME: P:\PROJECTS\05-110\DWG-03 | |
| DRAWING TITLE: | |

REVIEW
OF NEEDED
REPAIRS





WAGGONER ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
801-355-8526
FAX 801-352-3845

3102 CANTY ST.
PASCAGOULA, MS 39567
801-762-8558
FAX 801-768-1417

CITY OF MADISON

SHEET KEY

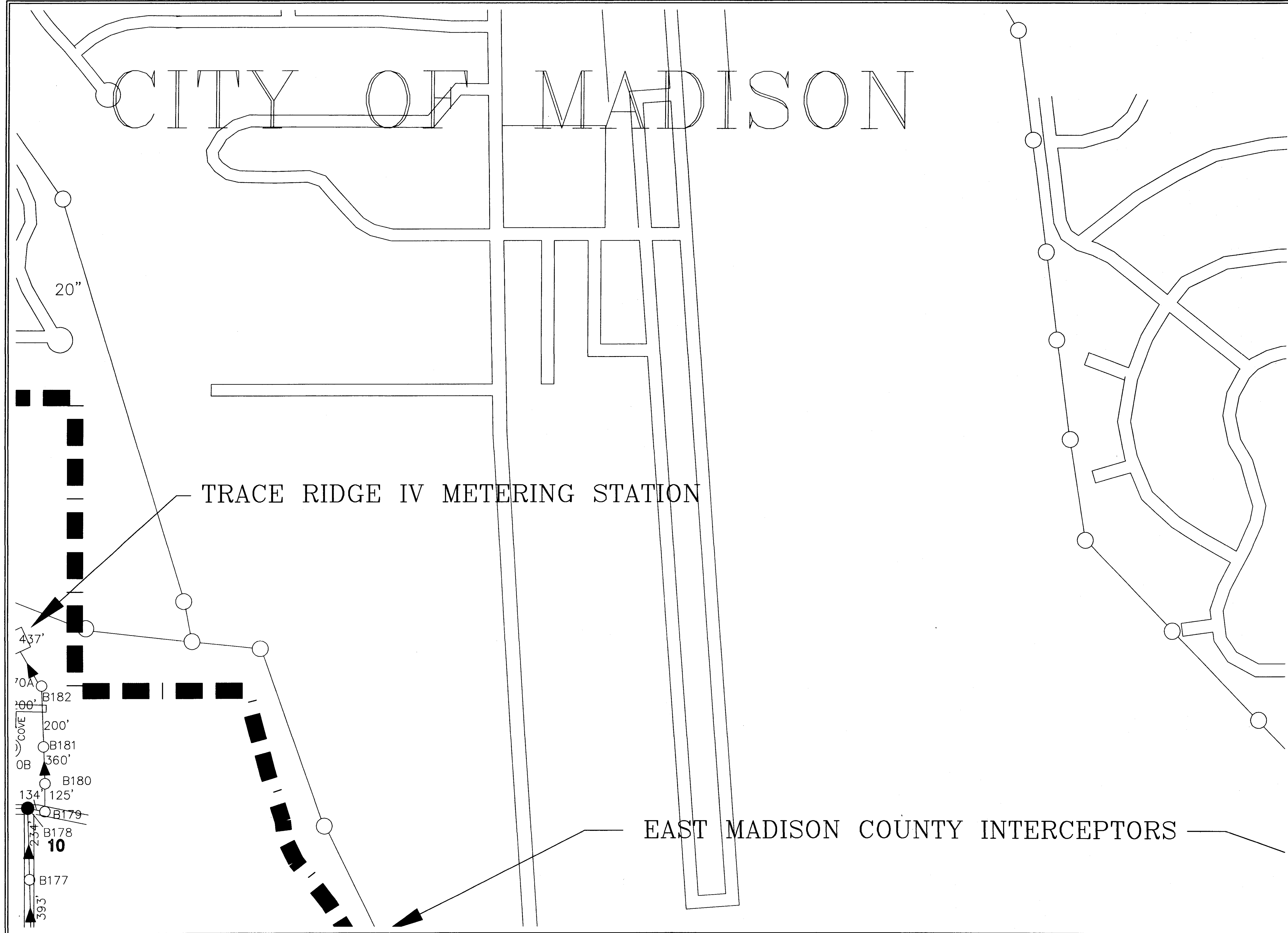
| | | | | |
|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 |

CITY WIDE SANITARY SEWER REHABILITATION PROJECT
City of Ridgeland, Mississippi

| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|-------------------|-----------------|
| DESIGNED BY: C.E. | SCALE: 1"=100' |
| CHECKED BY: H.A. | DATE: 4/26/99 |
| PROJECT: 99-107 | PROJECT: 99-107 |
| DRAWING TITLE: | DRAWING TITLE: |

REVIEW OF NEEDED REPAIRS





WAGGONER
ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
601-355-4526
FAX 601-352-3945

3102 CANTY ST.
PASCAGOULA, MS 39667
601-782-8556
FAX 601-789-1417

SHEET KEY

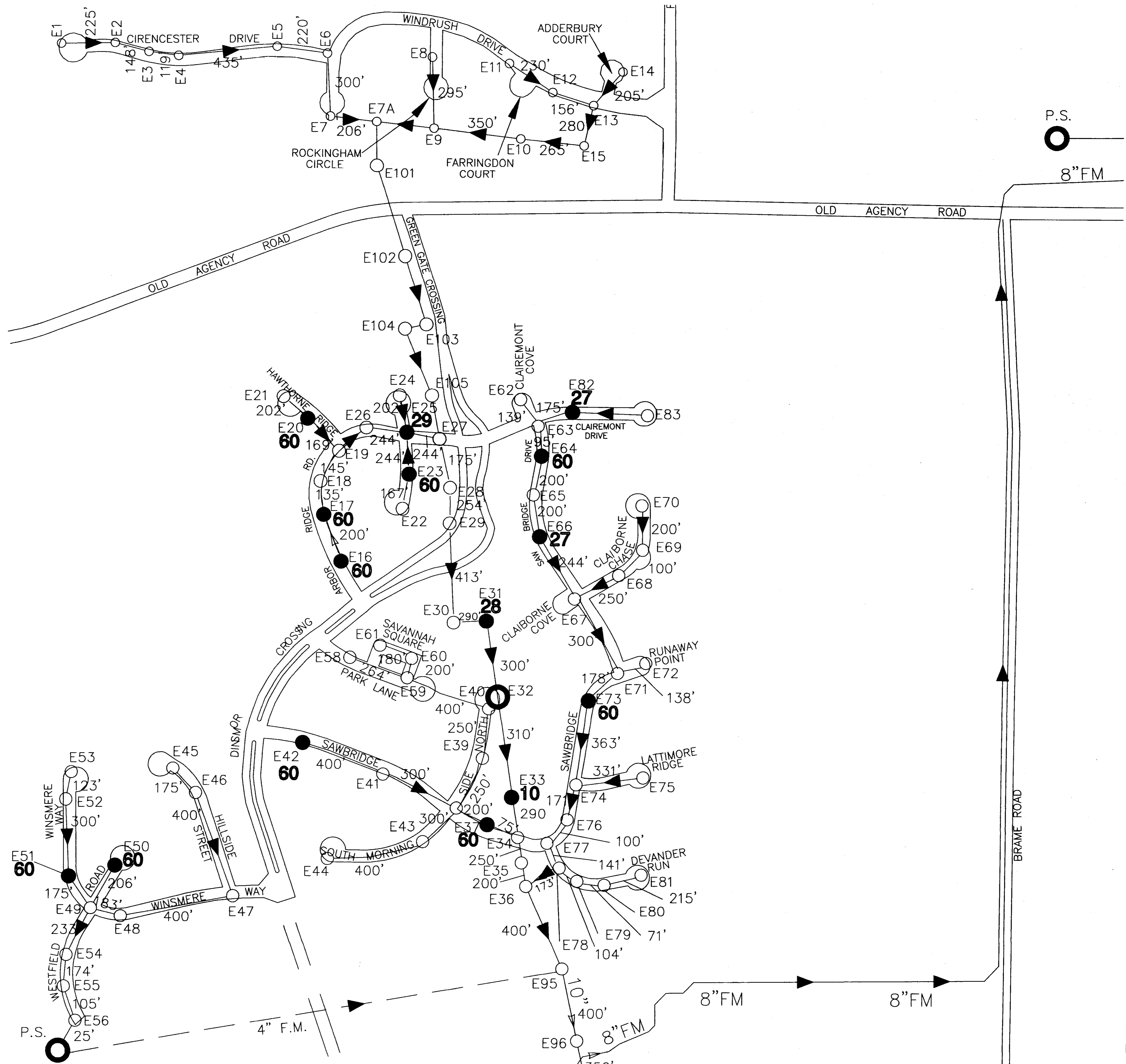
| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 |
| 15 | 16 | 17 | 18 |

CITY WIDE SANITARY SEWER
REHABILITATION PROJECT
City of Ridgeland, Mississippi

| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

REVIEW
OF NEEDED
REPAIRS



SHEET KEY

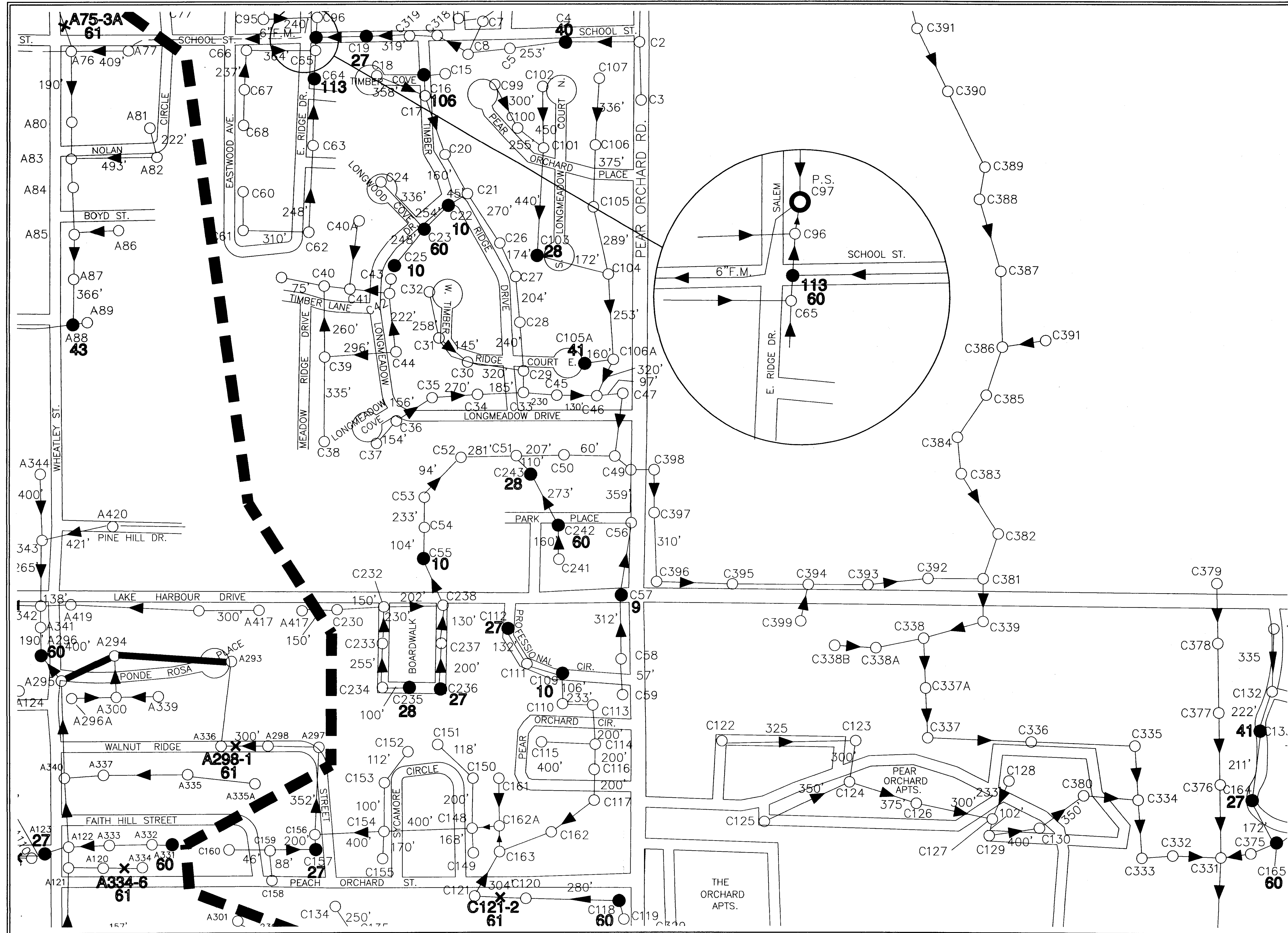
| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 10 | 11 | 19 | 14 |
| 15 | 16 | 17 | 18 |

**CITY WIDE SANITARY SEWER
REHABILITATION PROJECT**
City of Ridgeland, Mississippi

| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|-----------------|-----------------|
| SCALE: 1"=80' | DATE: 2/26/07 |
| DRAWN BY: H.A. | PROJECT: 06-107 |
| CHECKED BY: | PROJECT: 06-107 |
| DATE: 2/26/07 | PROJECT: 06-107 |
| PROJECT: 06-107 | PROJECT: 06-107 |

REVIEW
OF NEEDED
REPAIRS





WAGGONER
ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
801-355-8526
FAX 801-352-3845

3102 CANTY ST.
PASCAGOULA, MS 39567
801-782-8538
FAX 801-788-1417

SHEET KEY

| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
| 17 | 18 | | |

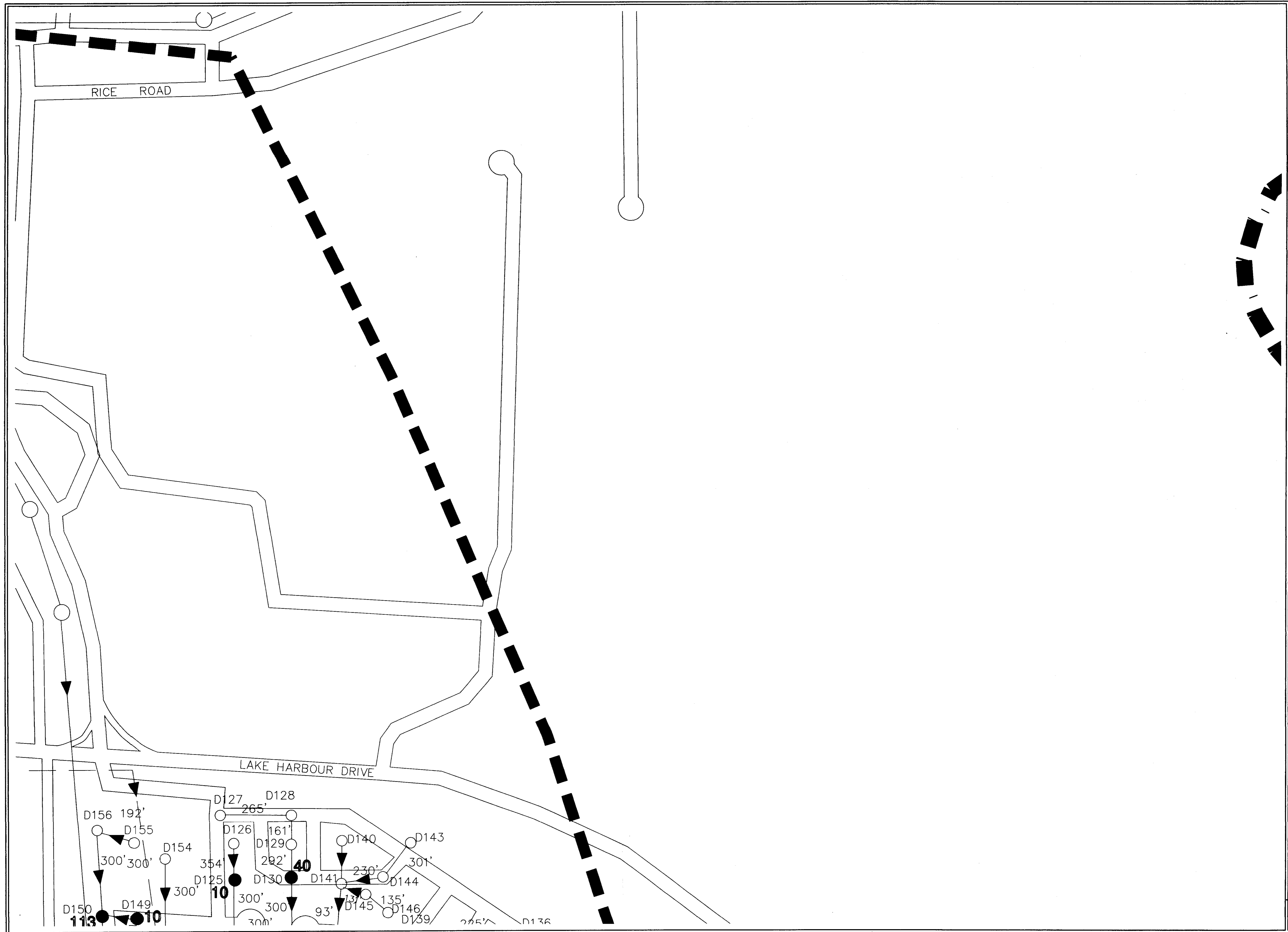
CITY WIDE SANITARY SEWER REHABILITATION PROJECT

City of Ridgeland, Mississippi

| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------|-------------------------|
| DRAWN BY: C.E. | SCALE: 1"=80' |
| CHECKED BY: H.A. | DATE: 6/9/98 |
| PROJECT NO: 83-147 | PROJECT NAME: RICE ROAD |

REVIEW
OF NEEDED
REPAIRS





WAGGONER ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
801-352-8226
FAX 801-352-3845

3102 CANTY ST.
PASCAGOULA, MS 39567
801-762-8558
FAX 801-768-1417

SHEET KEY

| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 10 | 11 | 12 | 13 |
| 15 | 17 | 18 | |

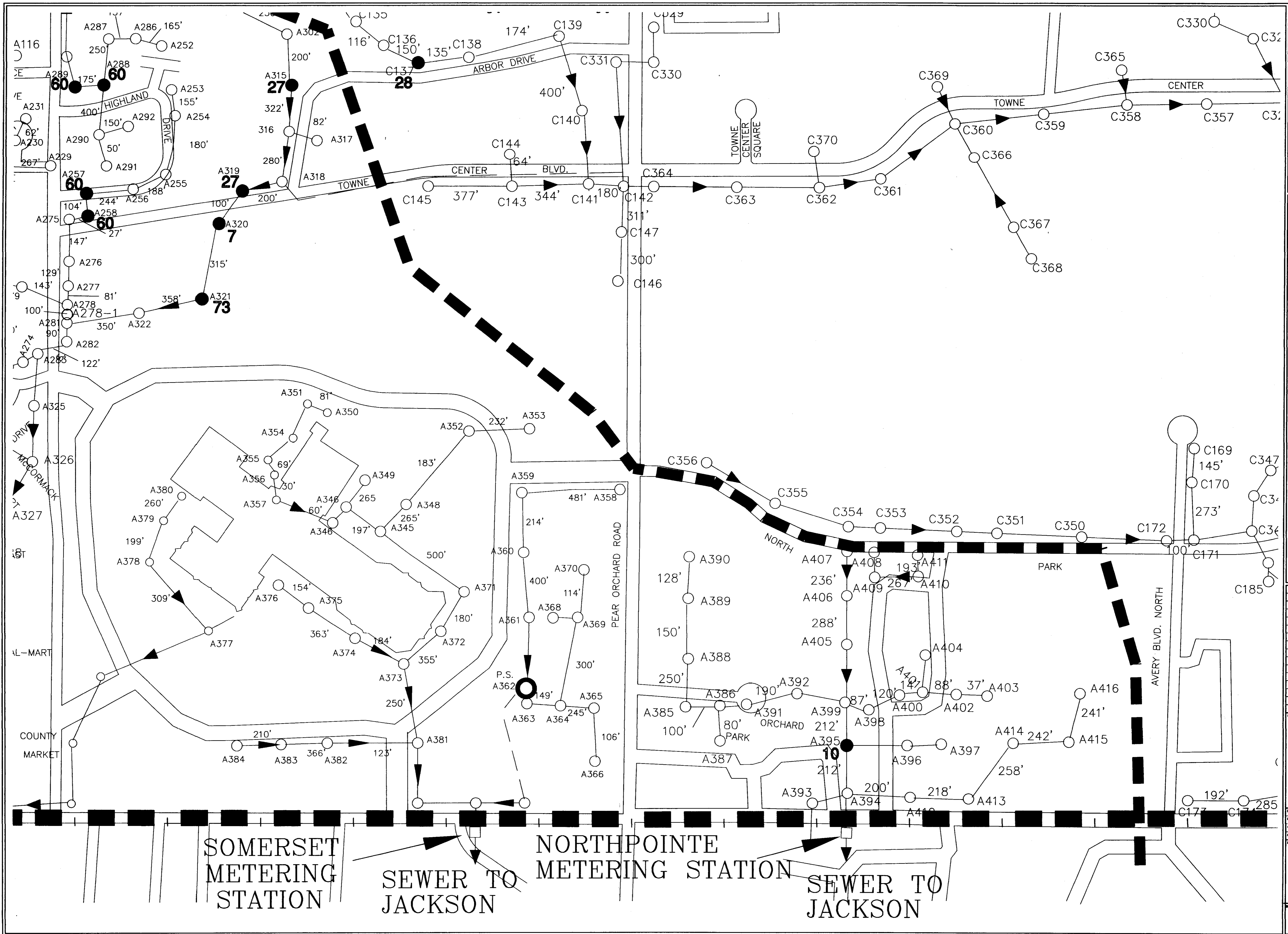
CITY WIDE SANITARY SEWER REHABILITATION PROJECT
City of Ridgeland, Mississippi

DRAWING REVISIONS

| NO. | REMARKS | DATE |
|-----|---------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--|-----------------|
| DESIGNED BY: H.A. | SCALE: 1"=50' |
| CHECKED BY: | DATE: 6/7/99 |
| DRAWN BY: | PROJECT: 93-147 |
| PAPER NAME: P:\PAPER\93-147-REPAIRS-10 | |
| DRAWING TITLE: | |

REVIEW OF NEEDED REPAIRS





WAGGONER
ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
801-355-8526
FAX 801-352-3845

3102 CMY ST.
PASCAGOULA, MS 39367
801-782-8558
FAX 801-788-1417

SHEET KEY

| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 10 | 11 | 12 | 13 |
| 15 | 16 | 17 | |

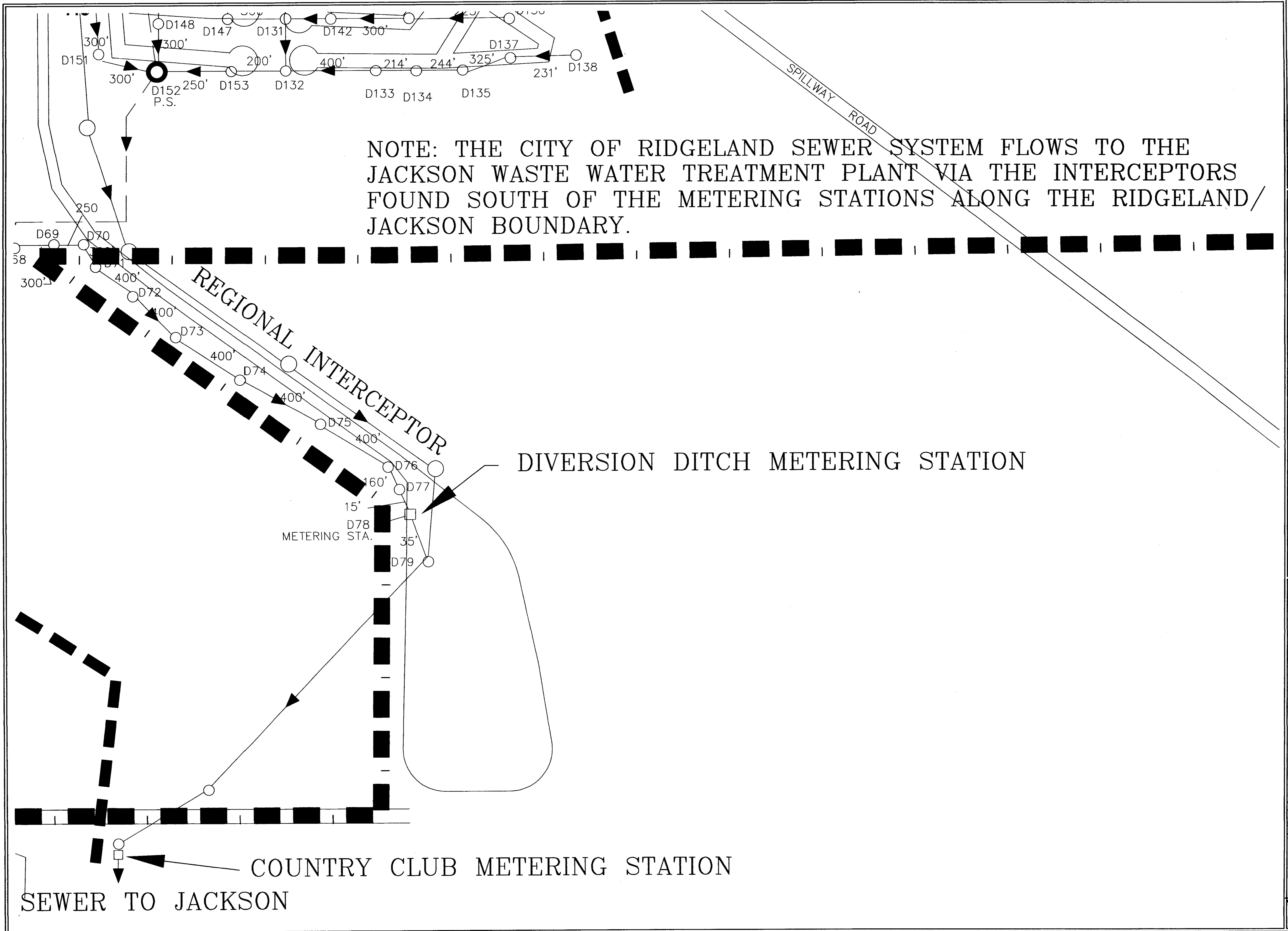
CITY WIDE SANITARY SEWER
REHABILITATION PROJECT

City of Ridgeland, Mississippi

| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------------------------|-----------------|
| DRAWN BY: E.S. | SCALE: 1"=80' |
| DESIGNED BY: H.A. | DATE: 6/7/99 |
| CHECKED BY: | PROJECT: 82-119 |
| CITY NAME: PASCAGOULA-REHABILITATION | |
| DRAWING TITLE: | |

REVIEW
OF NEEDED
REPAIRS



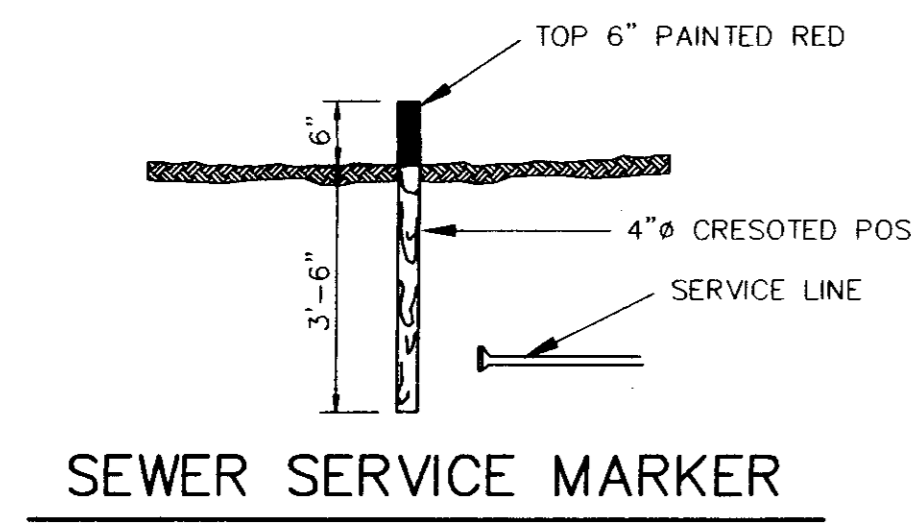
NOTE: THE CITY OF RIDGELAND SEWER SYSTEM FLOWS TO THE JACKSON WASTE WATER TREATMENT PLANT VIA THE INTERCEPTORS FOUND SOUTH OF THE METERING STATIONS ALONG THE RIDGELAND/JACKSON BOUNDARY.

REGIONAL INTERCEPTOR

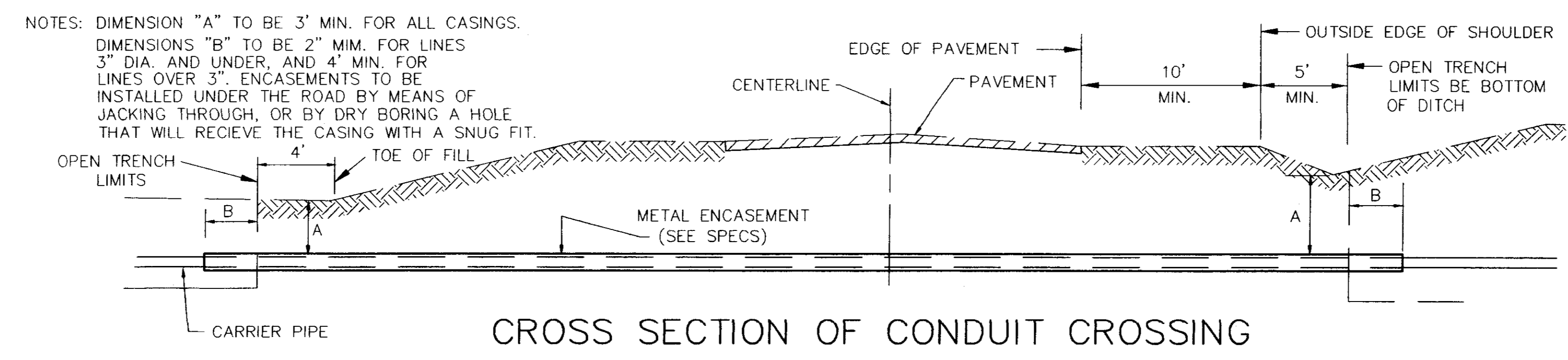
DIVERSION DITCH METERING STATION

COUNTRY CLUB METERING STATION

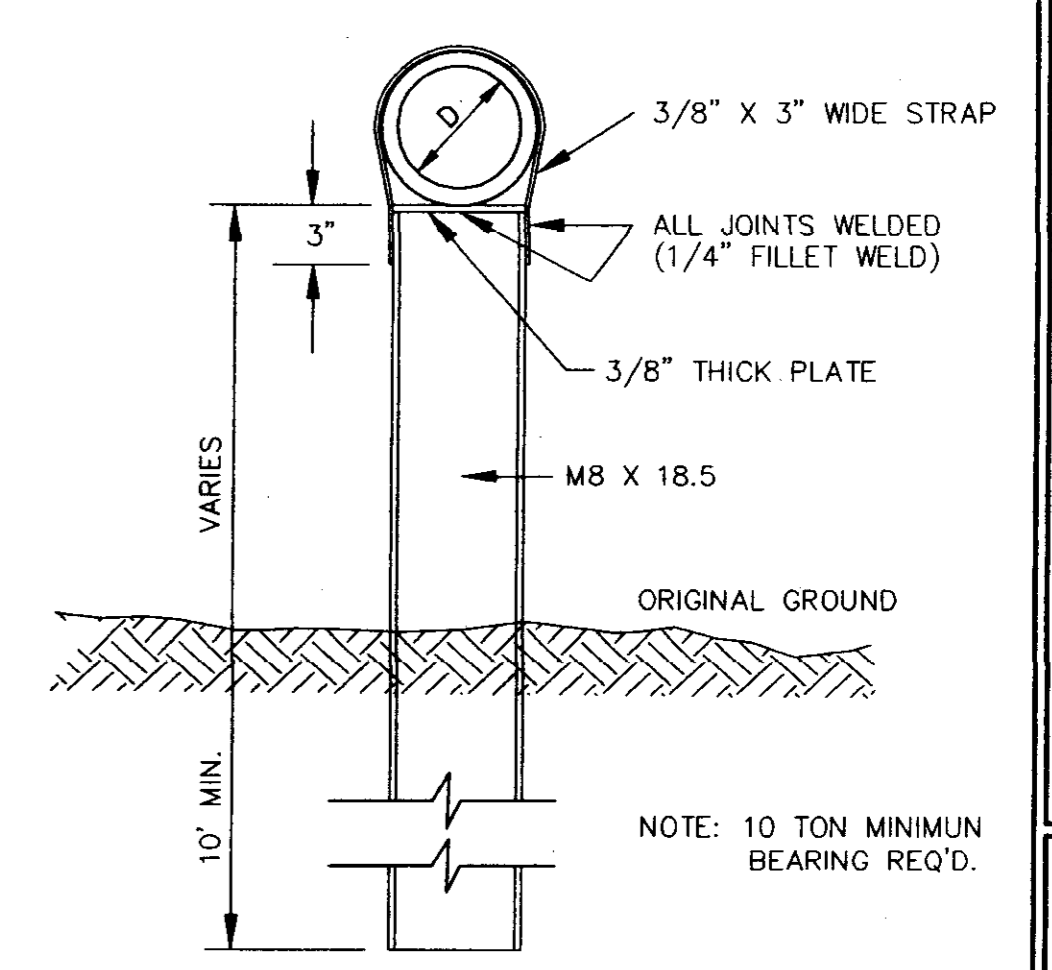
SEWER TO JACKSON



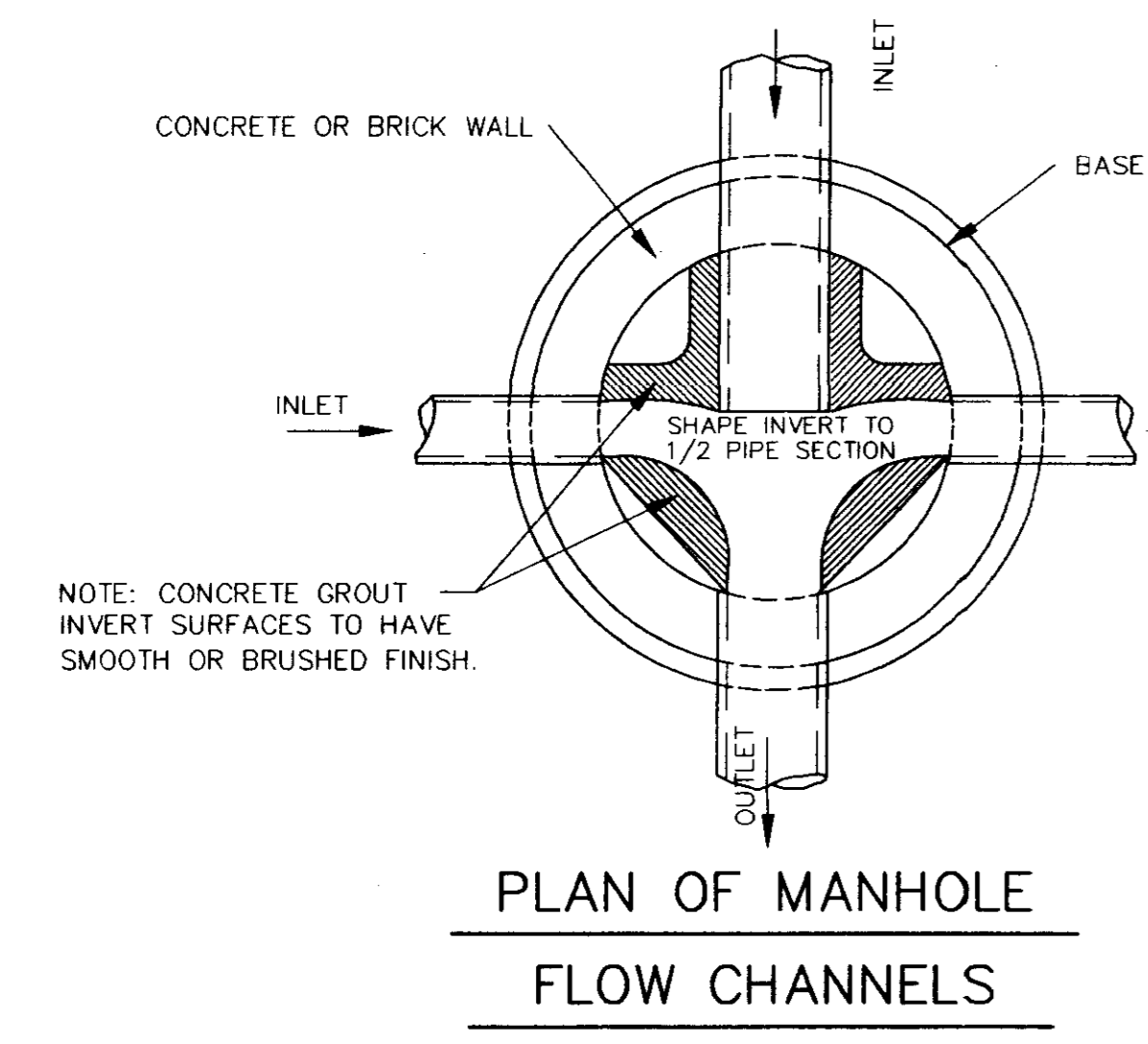
SEWER SERVICE MARKER



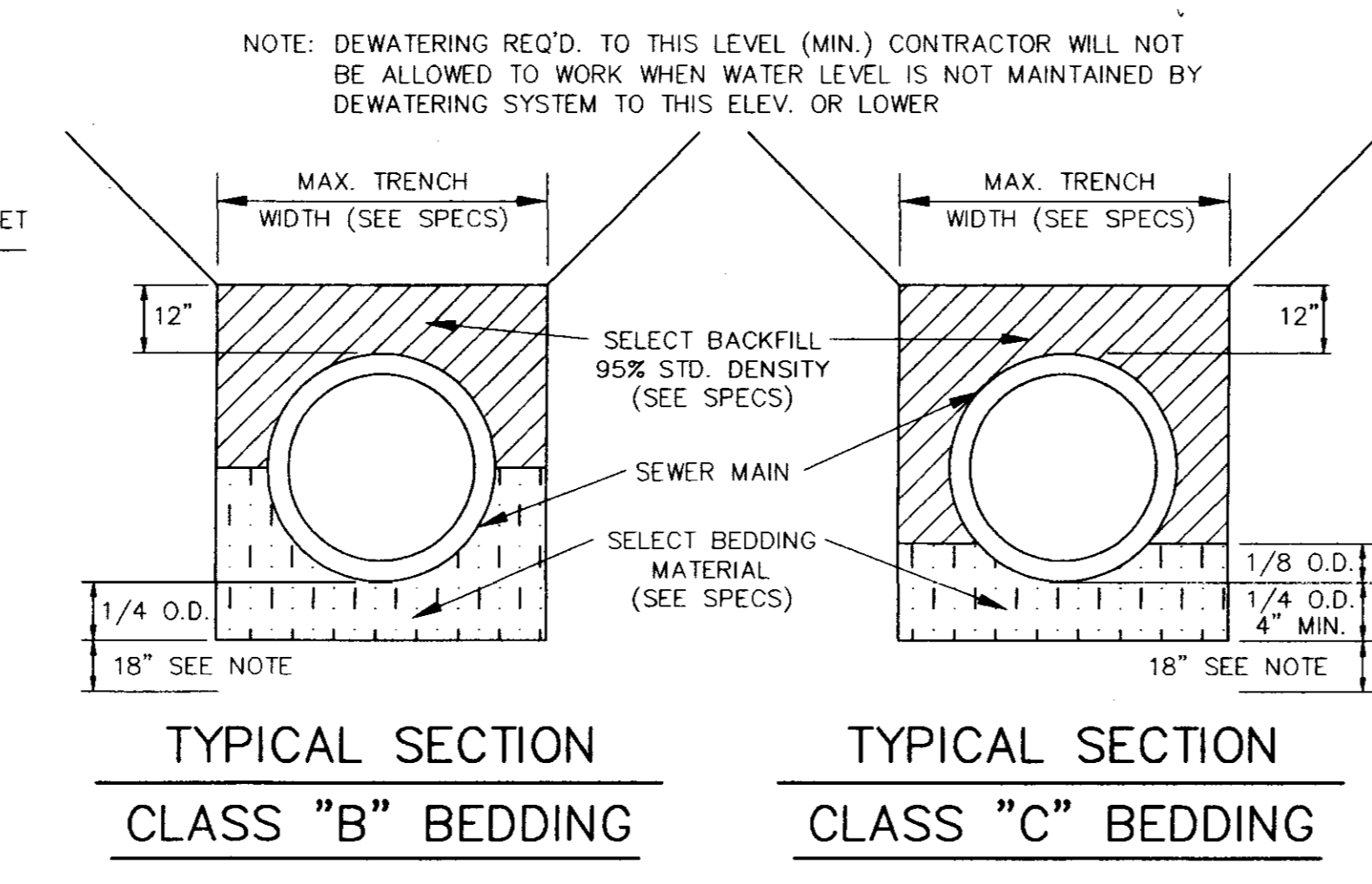
CROSS SECTION OF CONDUIT CROSSING



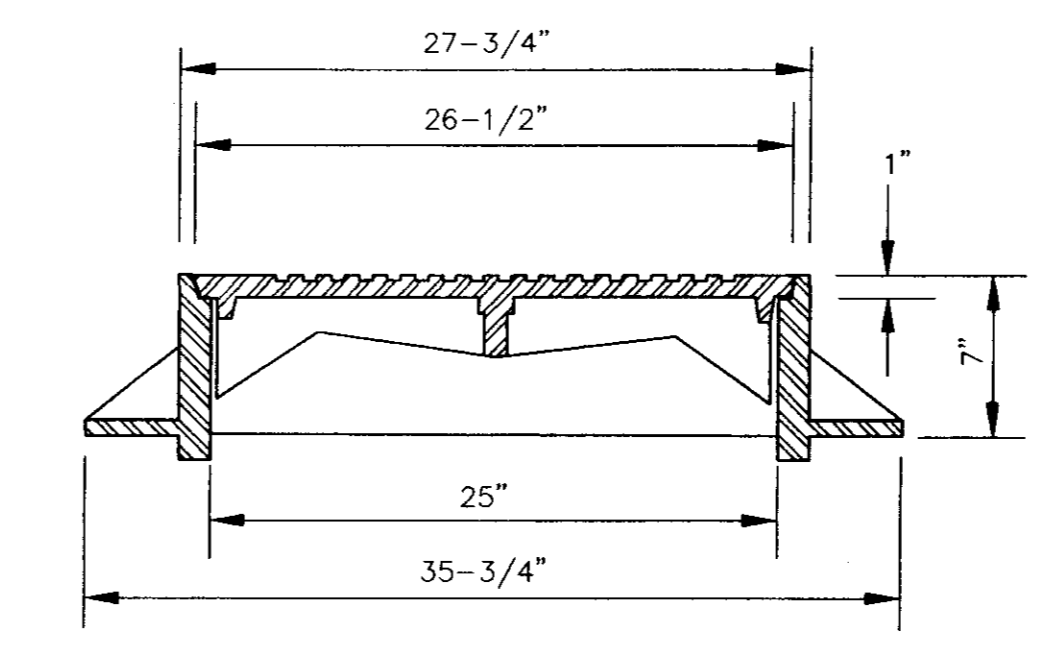
DETAIL TYPE "A" PIER



PLAN OF MANHOLE FLOW CHANNELS

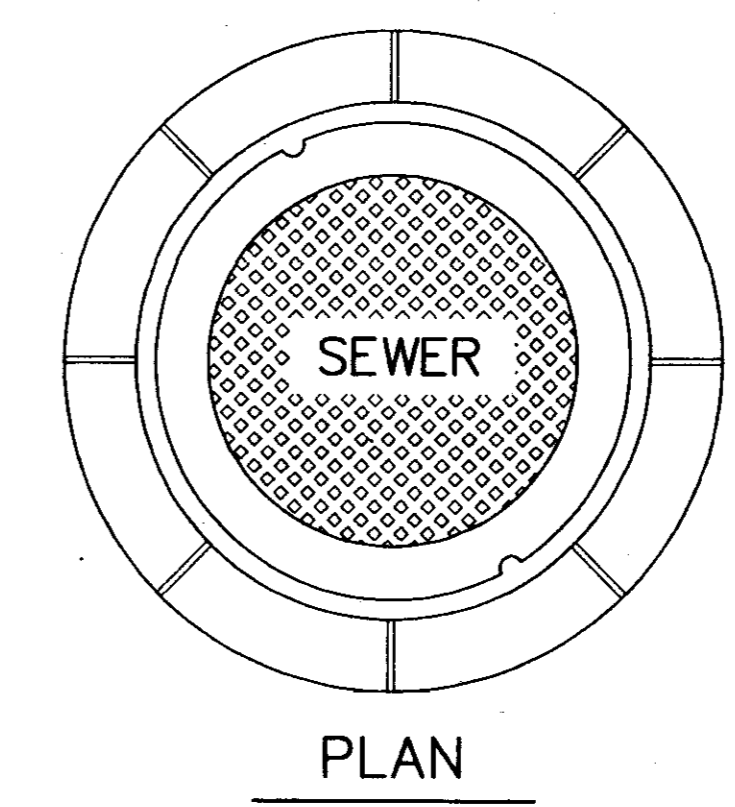


TYPICAL SECTION CLASS "B" BEDDING TYPICAL SECTION CLASS "C" BEDDING

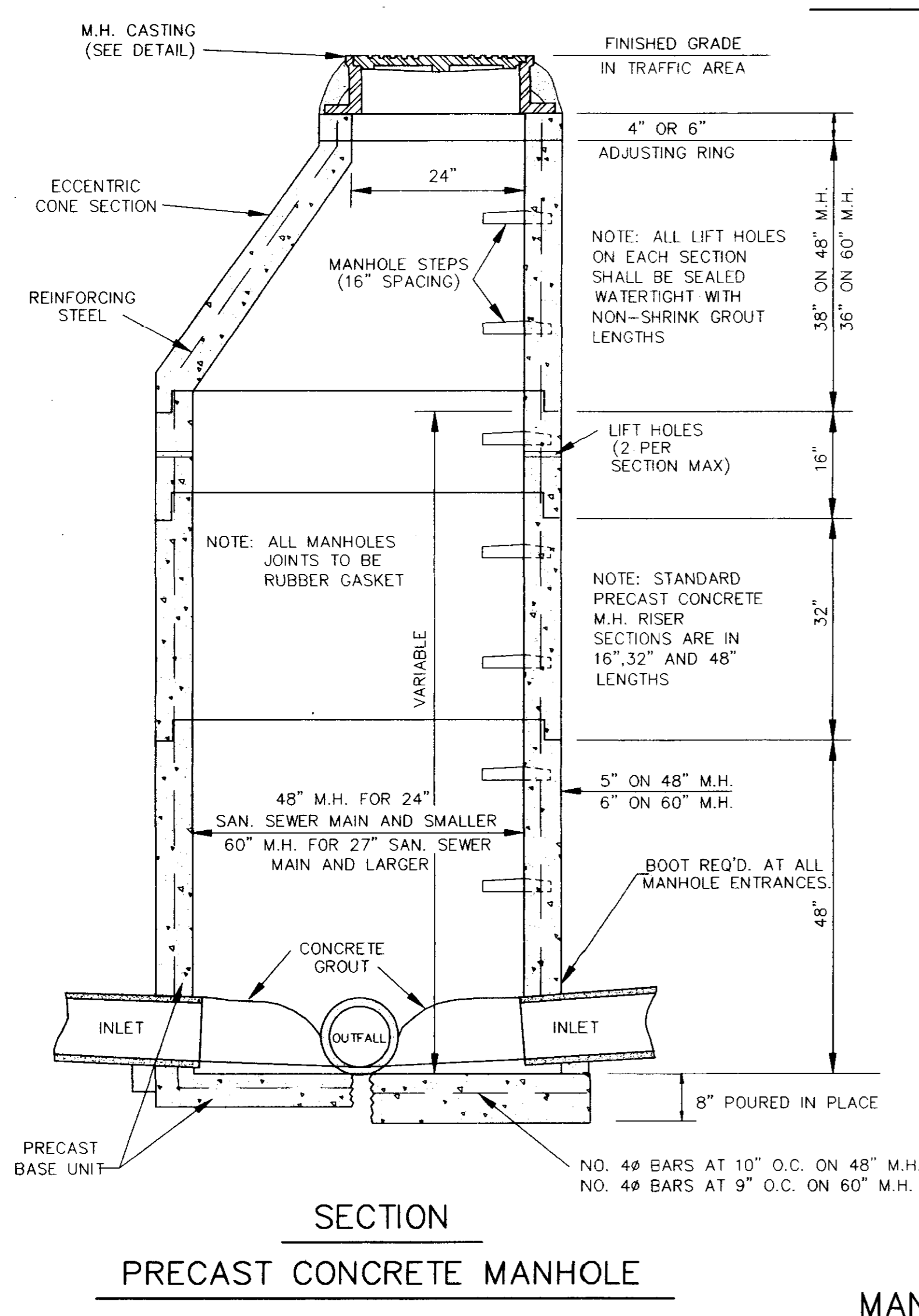


SECTION TYPE "A" MANHOLE CASTING

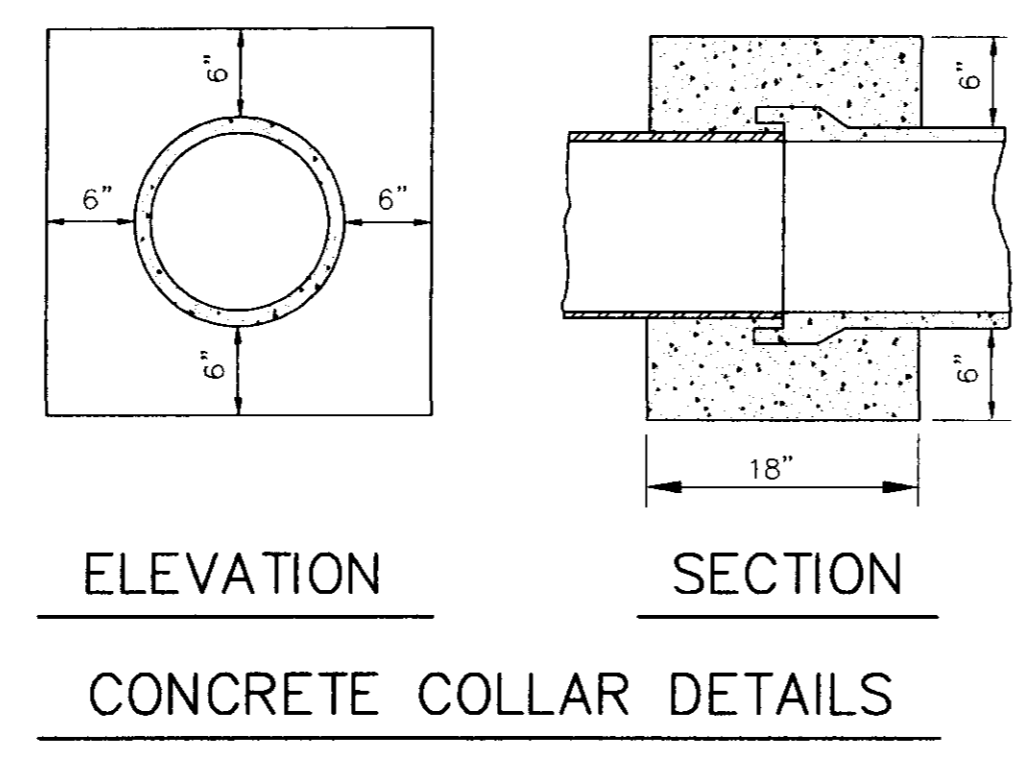
NOTE: 1. USE TYPE "A" MANHOLE CASTING IN STREET R.O.W.
2. USE VULCAN NO. VM-8, (440 lbs.)



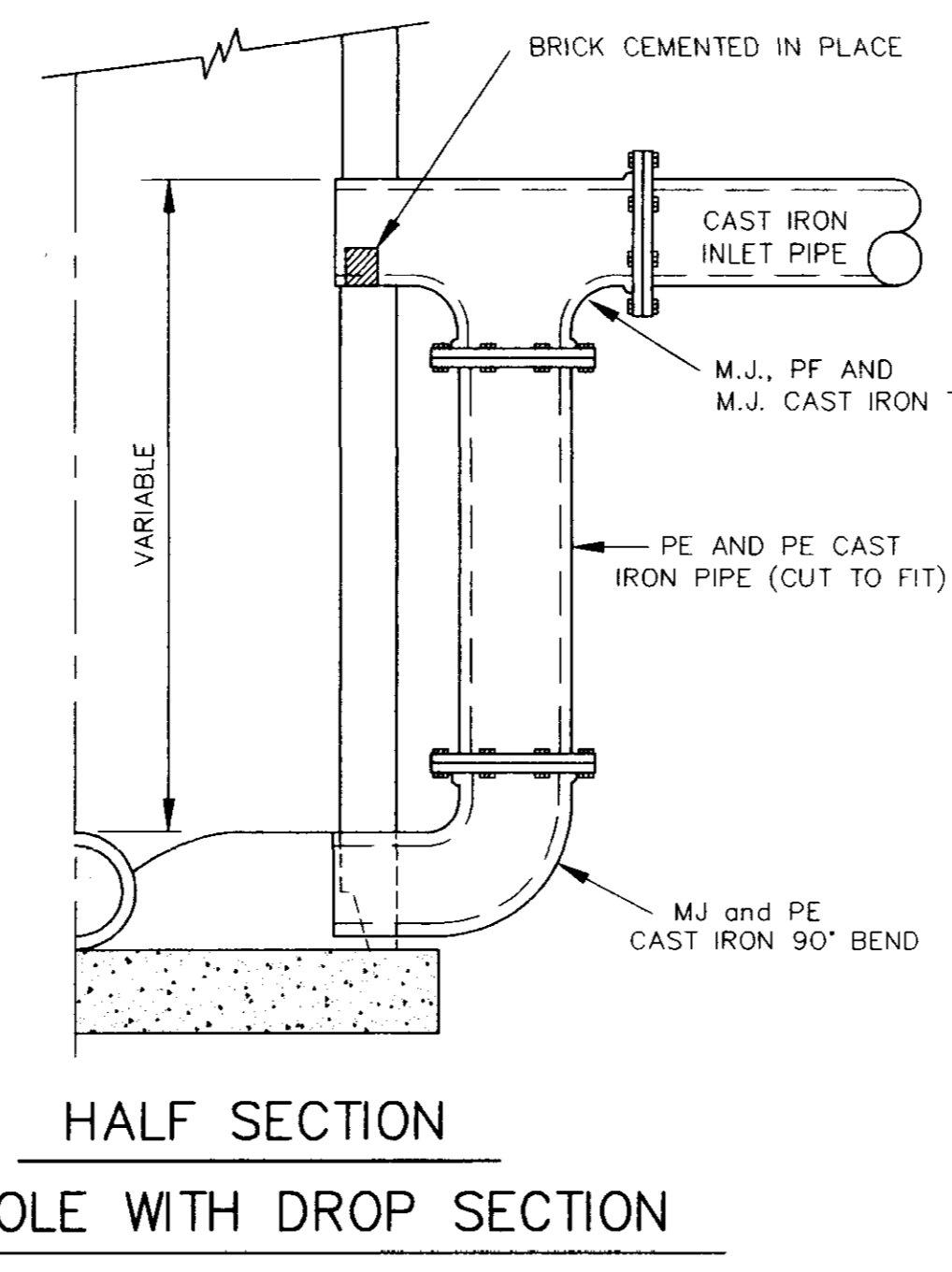
PLAN MANHOLE CASTING



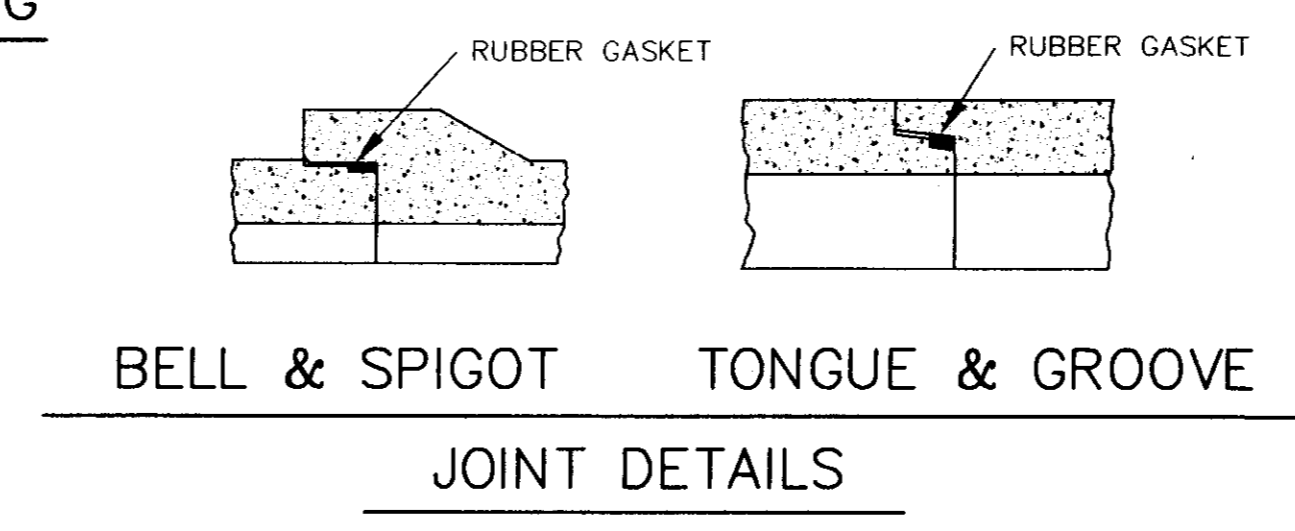
SECTION PRECAST CONCRETE MANHOLE



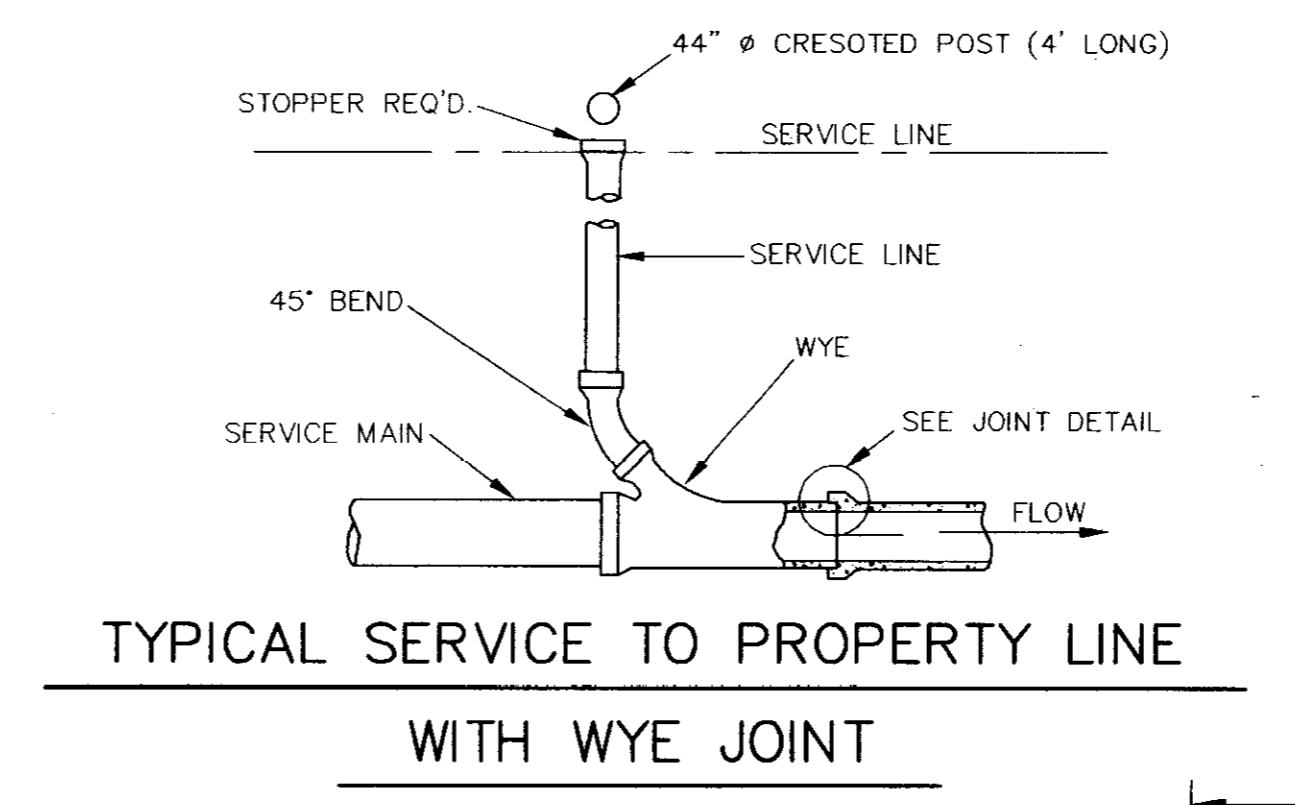
ELEVATION SECTION CONCRETE COLLAR DETAILS



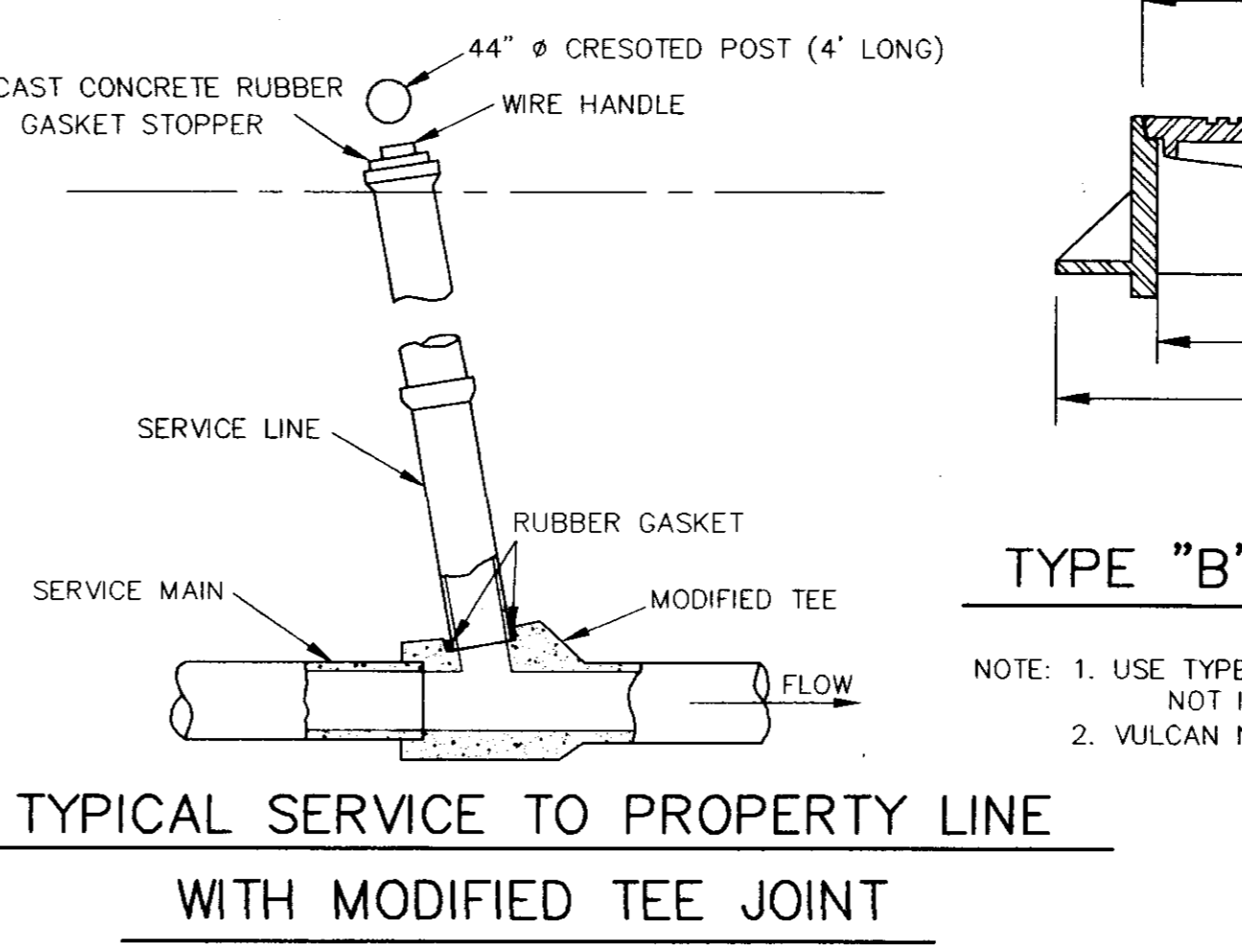
HALF SECTION MANHOLE WITH DROP SECTION



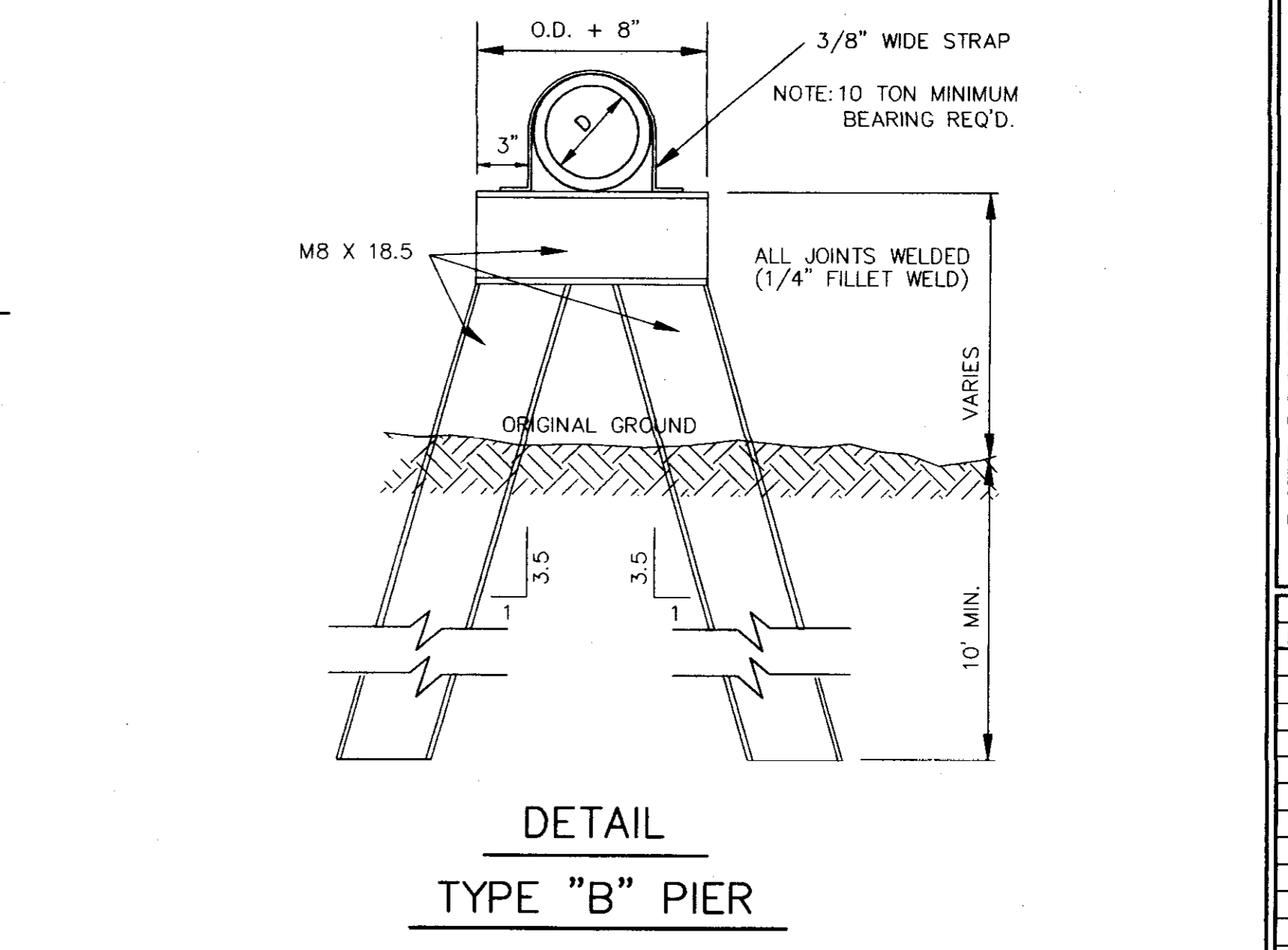
BELL & SPIGOT TONGUE & GROOVE JOINT DETAILS



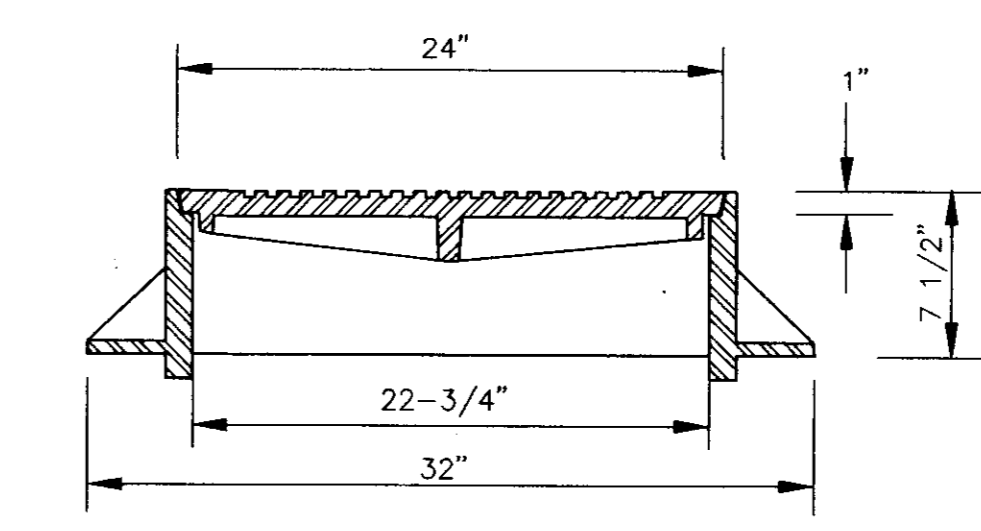
TYPICAL SERVICE TO PROPERTY LINE WITH WYE JOINT



TYPICAL SERVICE TO PROPERTY LINE WITH MODIFIED TEE JOINT

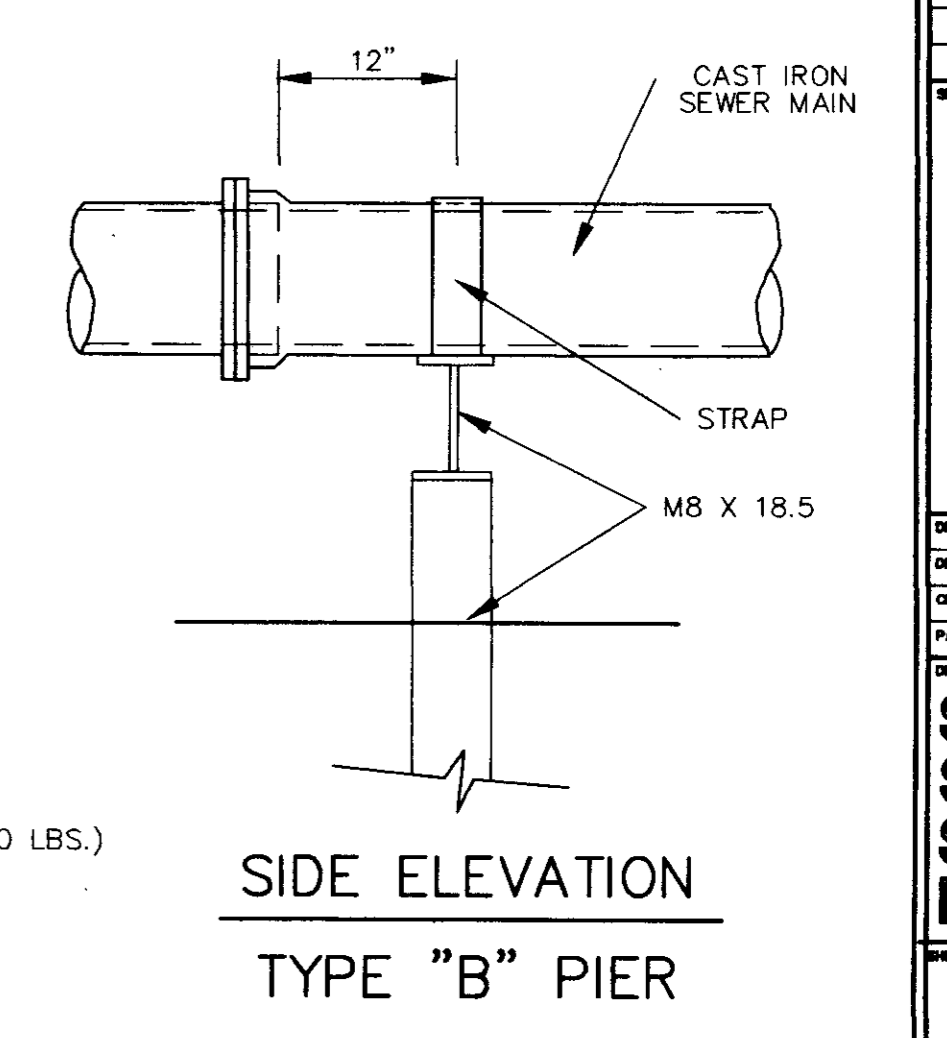


DETAIL TYPE "B" PIER



SECTION TYPE "B" MANHOLE CASTING

NOTE: 1. USE TYPE "B" MANHOLE CASTING FOR ANY MANHOLE NOT IN A STREET R.O.W.
2. VULCAN NO. VM-7 (300 LBS.) OR NEENAH NO. R-1779 (300 LBS.)



SIDE ELEVATION TYPE "B" PIER

WAGGONER ENGINEERING, INC.
ENGINEERS, PLANNERS, SCIENTISTS

825 N. PRESIDENT ST.
JACKSON, MS 39202
601-355-9526
FAX 601-352-3945

3102 COUNTY ST.
PASCAGOULA, MS 39687
601-762-8558
FAX 601-760-1417

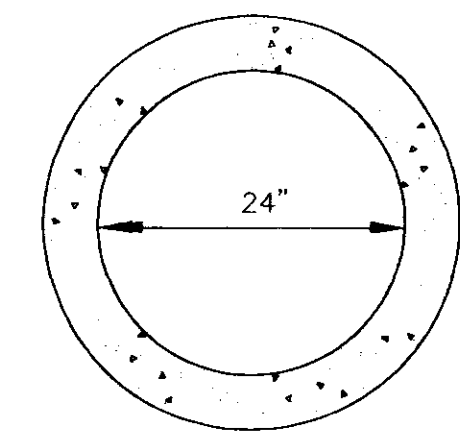
CITY WIDE SANITARY SEWER REHABILITATION PROJECT
City of Ridgeland, Mississippi

| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |
| | | |

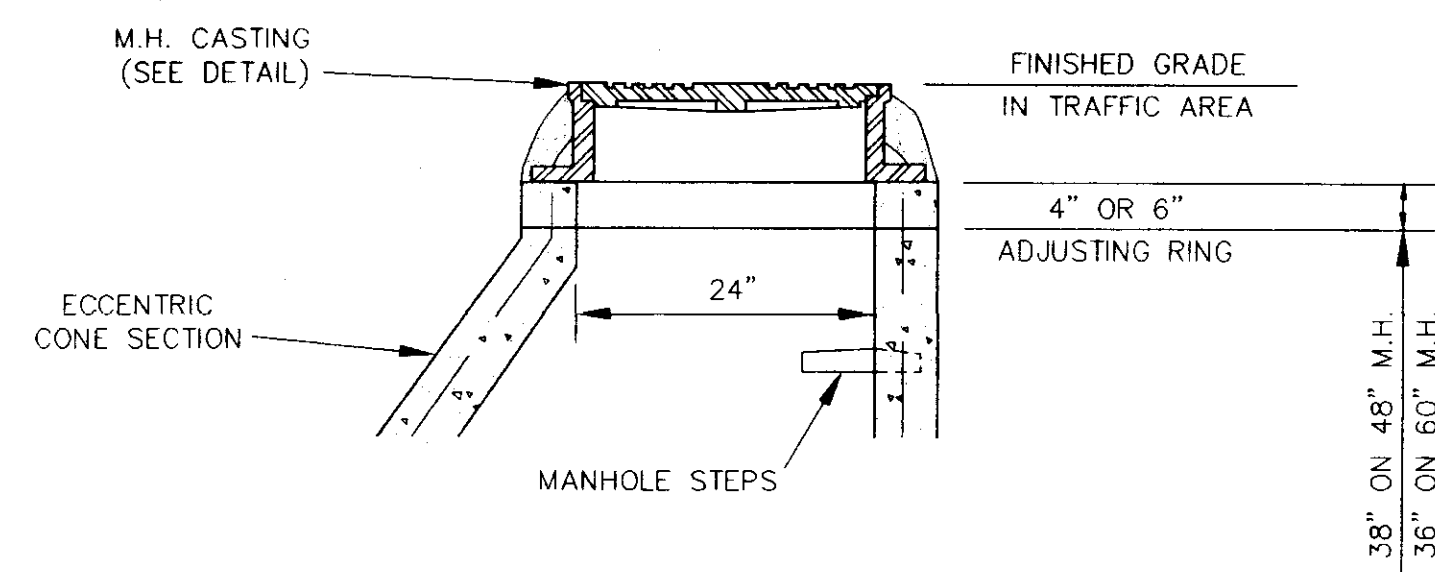
DESIGNED BY: H.A. DATE: 10/24/1990
CHECKED BY: H.A. PROJECT: 93-147
PLOT NAME: P:\P\93\ST\93STCONCRE1-10

SANITARY SEWER STANDARD DETAIL

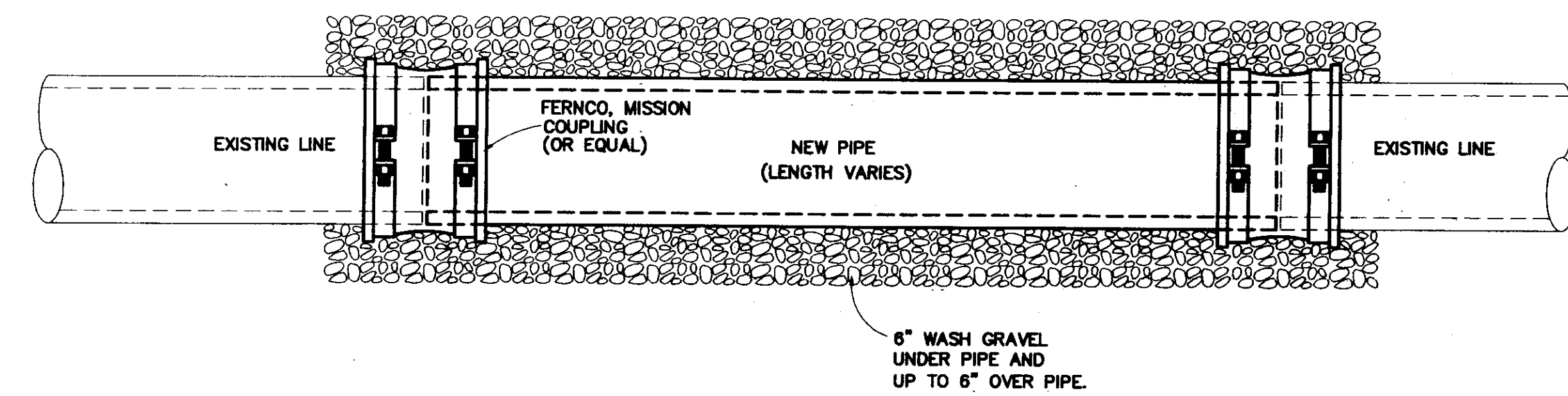
19 of 20



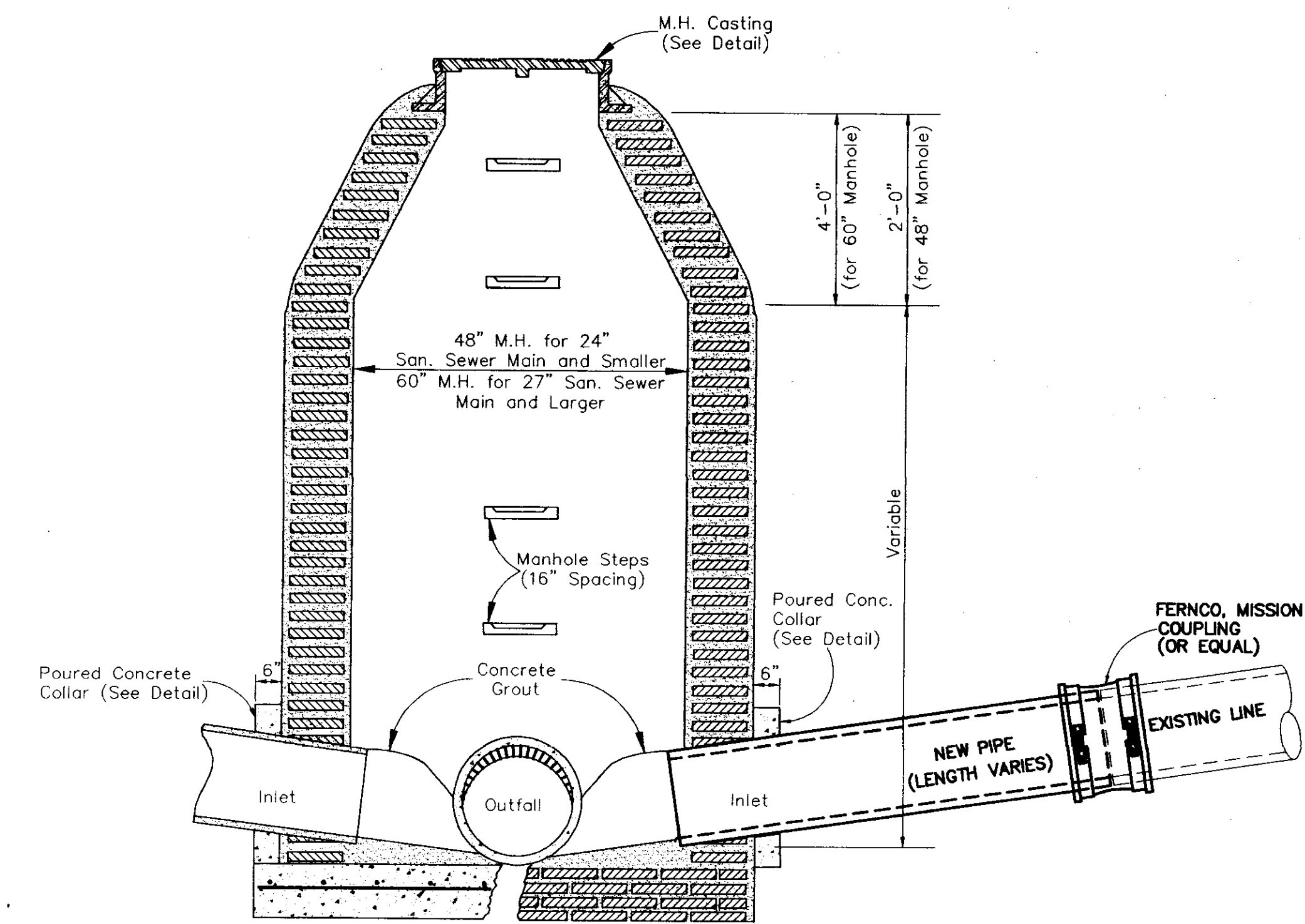
ADJUSTING RING DETAIL PLAN
Not To Scale



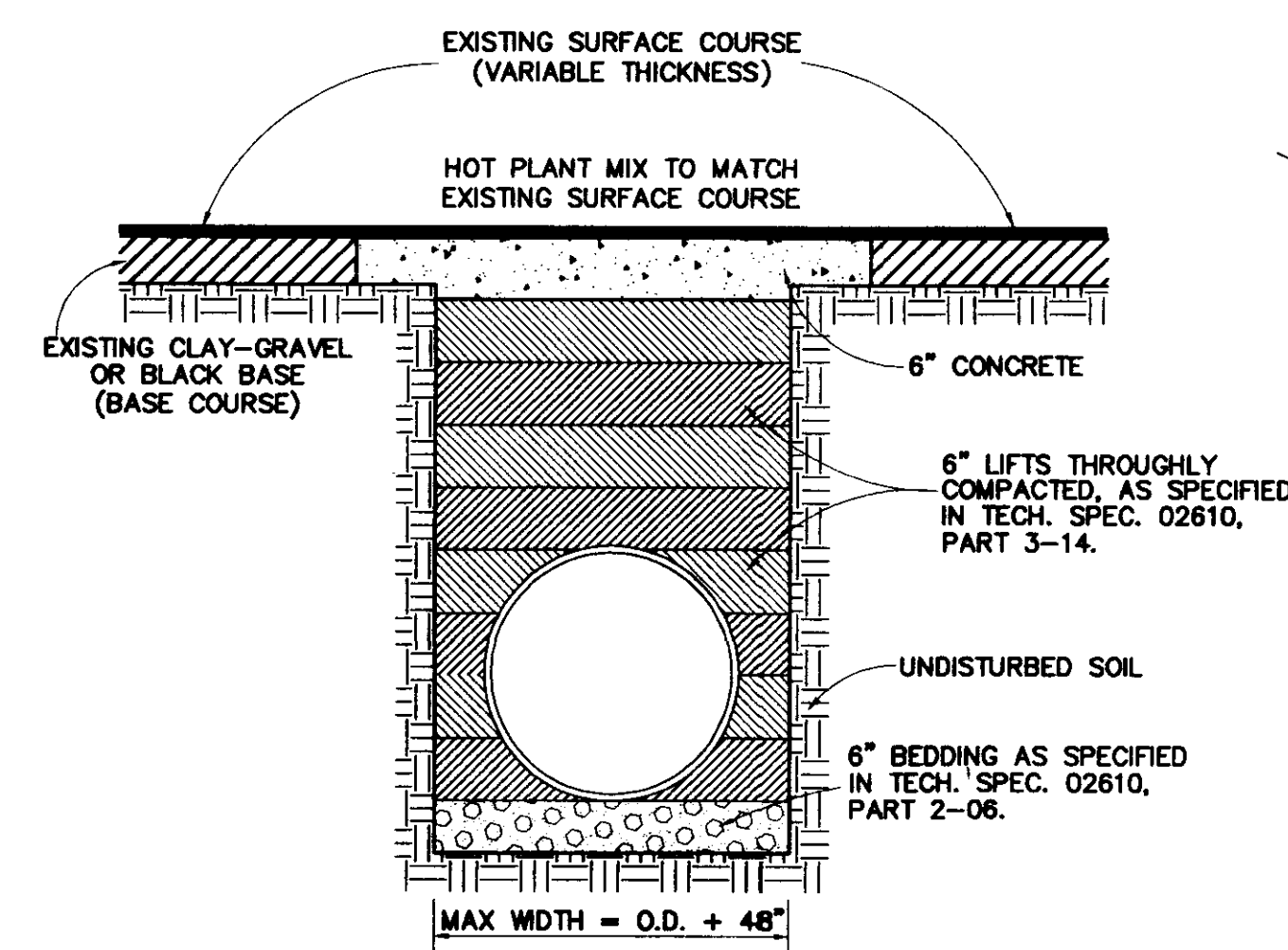
ADJUSTING RING DETAIL SECTION
Not To Scale



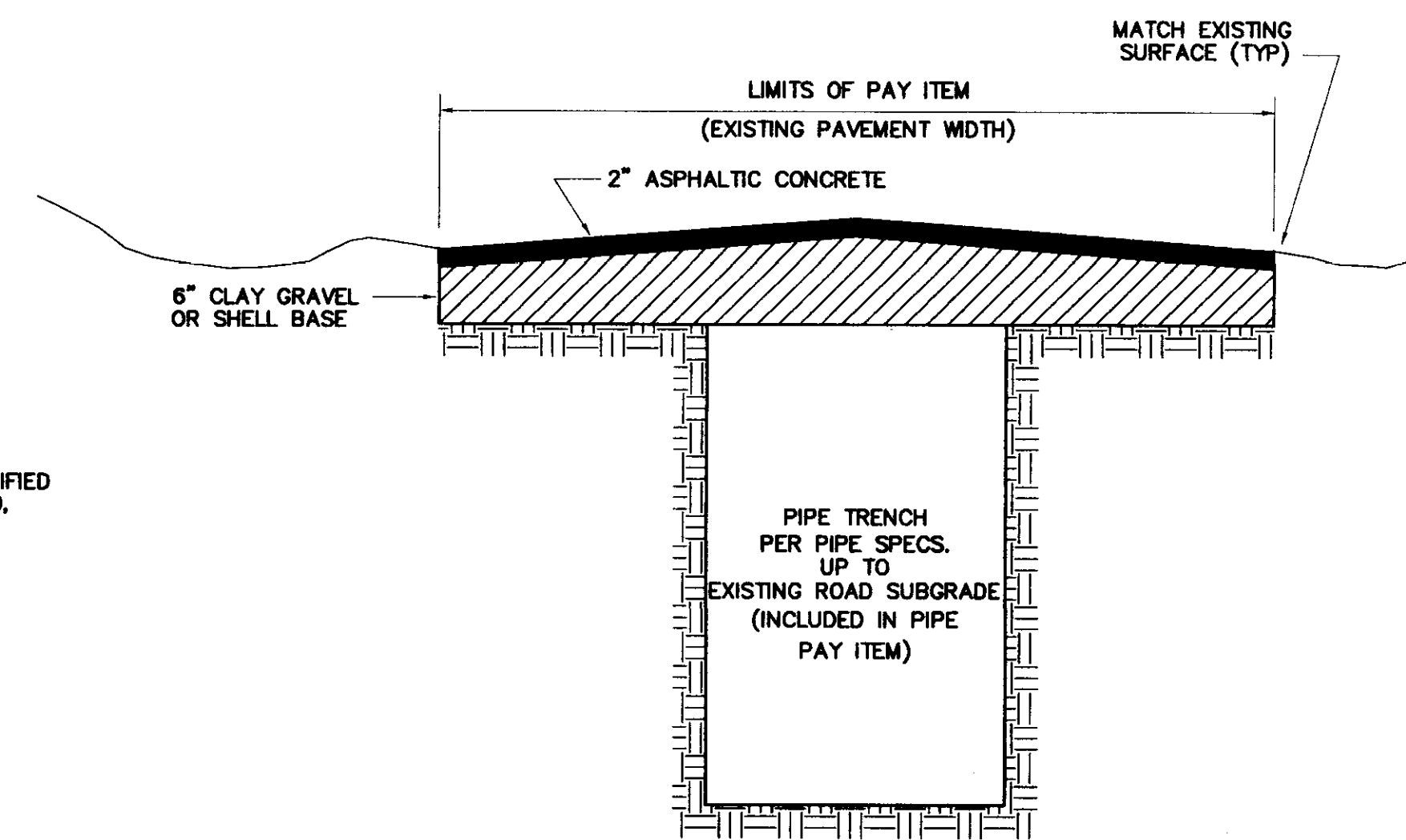
MAIN LINE AND SERVICE LINE POINT REPAIR DETAIL
Not To Scale



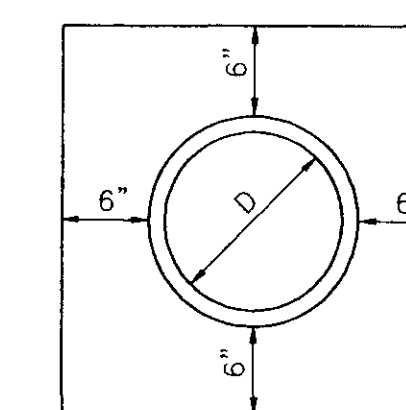
RECONNECTION OF EXISTING LINE TO EXISTING MANHOLE



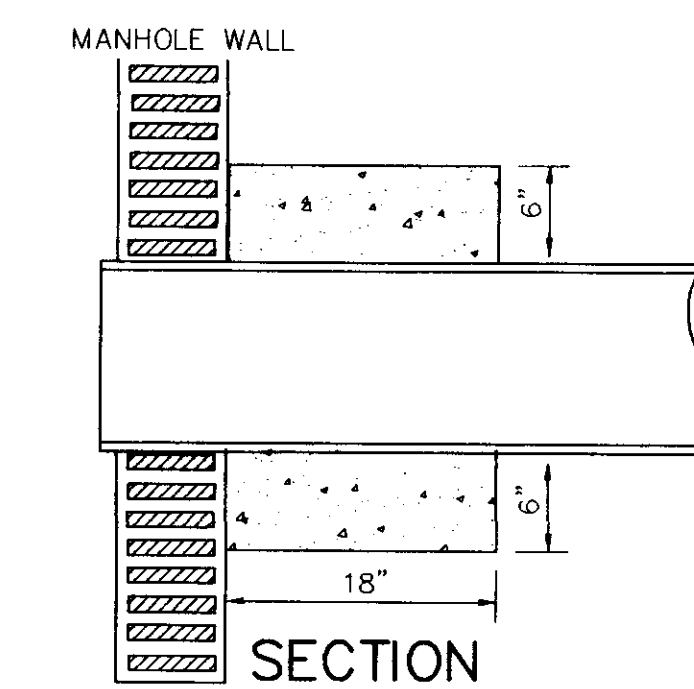
OPEN CUT ASPHALT TRENCH REPAIR DETAIL
Not To Scale



RESTORATION OF ASPHALT ROAD SURFACE TYPICAL SECTION
Not To Scale



ELEVATION



CONCRETE COLLAR DETAILS

| DRAWING REVISIONS | | |
|-------------------|---------|------|
| NO. | REMARKS | DATE |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|---|------------------|
| DATE: 02/24/08 | SCALE: NONE |
| DRAWN BY: H.A. | CHECKED BY: H.A. |
| DESIGNED BY: H.A. | PROJECT: 08-147 |
| PLOT NAME: P:\PROJECTS\08-147\DWG\08-147-01.DWG | |
| DRAWING TITLE: TYPICAL DETAILS | |

| | |
|---|------------------|
| DATE: 02/24/08 | SCALE: NONE |
| DRAWN BY: H.A. | CHECKED BY: H.A. |
| DESIGNED BY: H.A. | PROJECT: 08-147 |
| PLOT NAME: P:\PROJECTS\08-147\DWG\08-147-01.DWG | |
| DRAWING TITLE: TYPICAL DETAILS | |