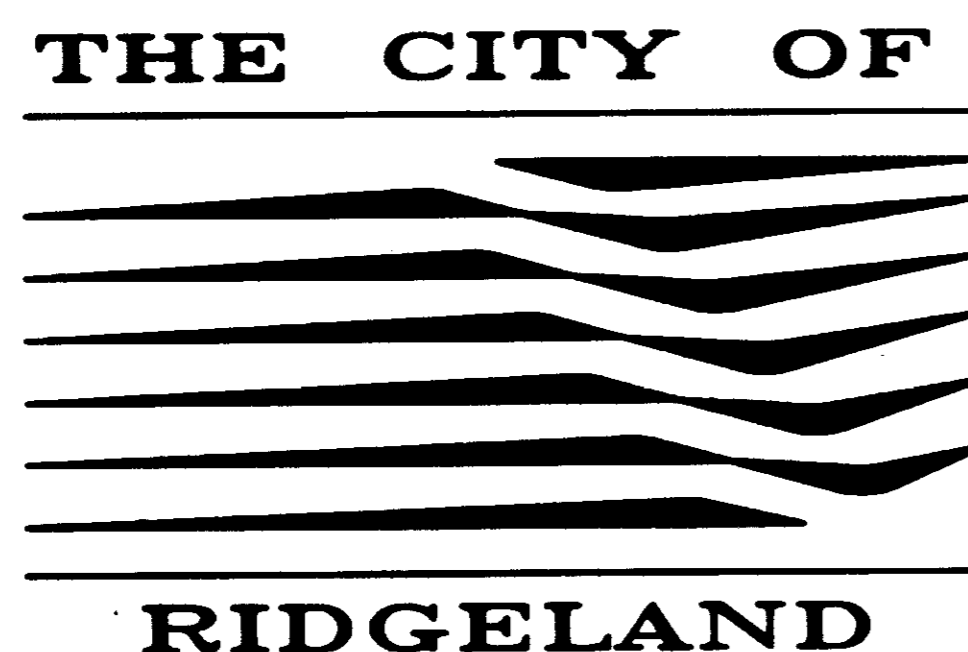


CITY OF RIDGELAND, MISSISSIPPI

PURPLE CREEK INTERCEPTOR

PHASE II



Mayor:

Gene F. McGee

Mayor Pro Tem:

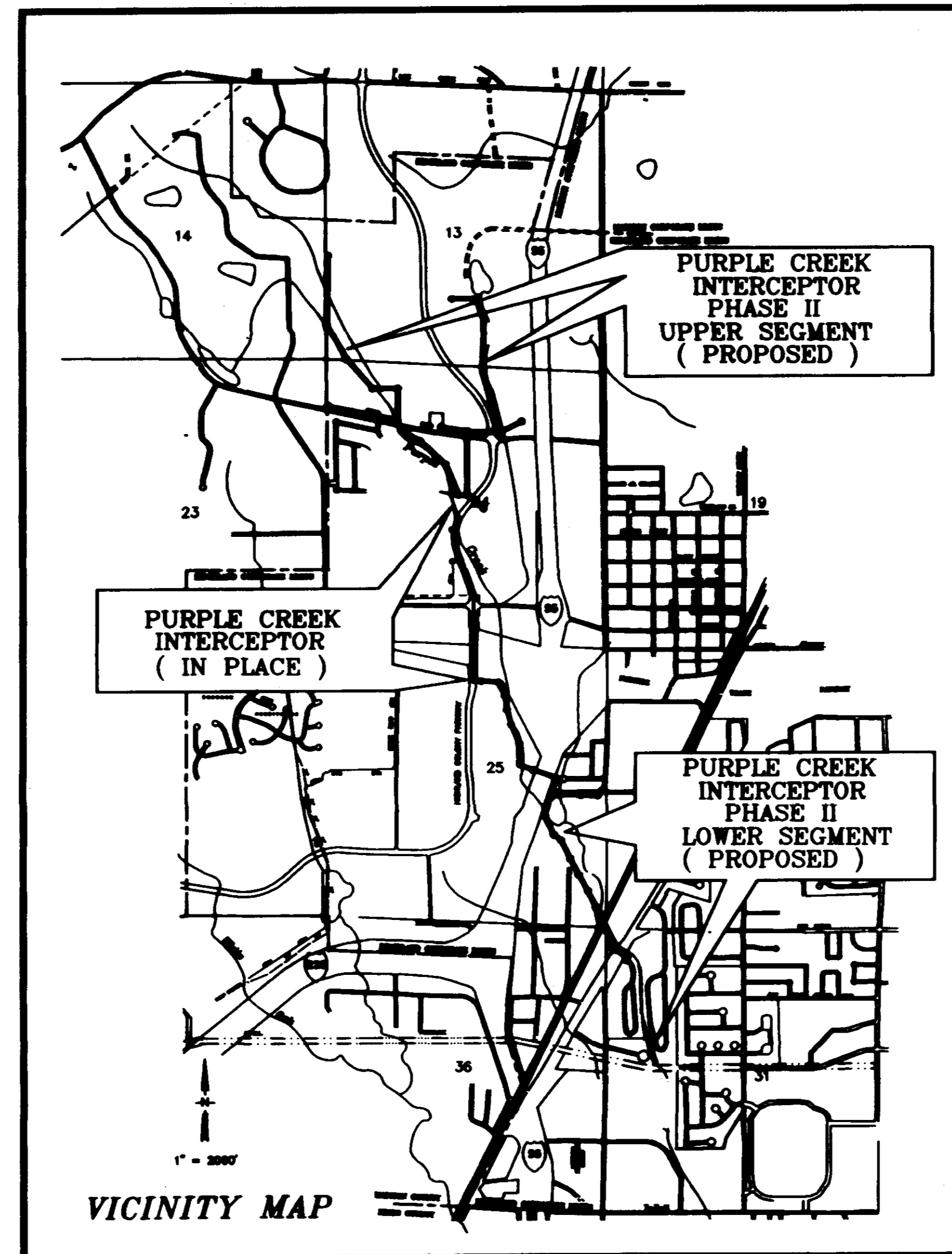
Chuck Kobert

City Attorney:

Jerry Mills

General Contractor:

*Hemphill
Construction
Co., Inc.*



AUGUST 1995

WAGGONER ENGINEERING, INC.
CONSULTING ENGINEERS

Jackson / Brandon / Pascagoula, Mississippi

Aldermen:

*Brian Barcellona
Al Bible
Joe Barlow
Harvey Carr, Jr.
Linda Davis
Chuck Kobert
Daryl Smith*

Public Works Director:

Sam Vinson, P.E.

Asst. Public Works Director:

Sid Hawthorne

City Clerk:

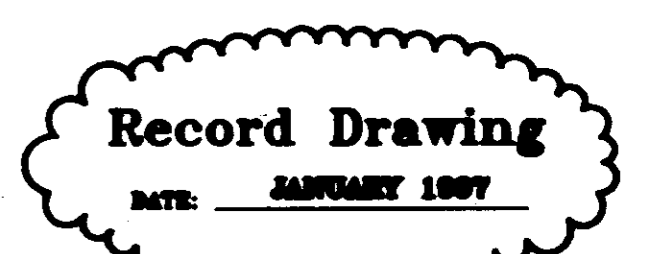
Michael McPhearson

Fire Chief:

Elmer Waits

Police Chief:

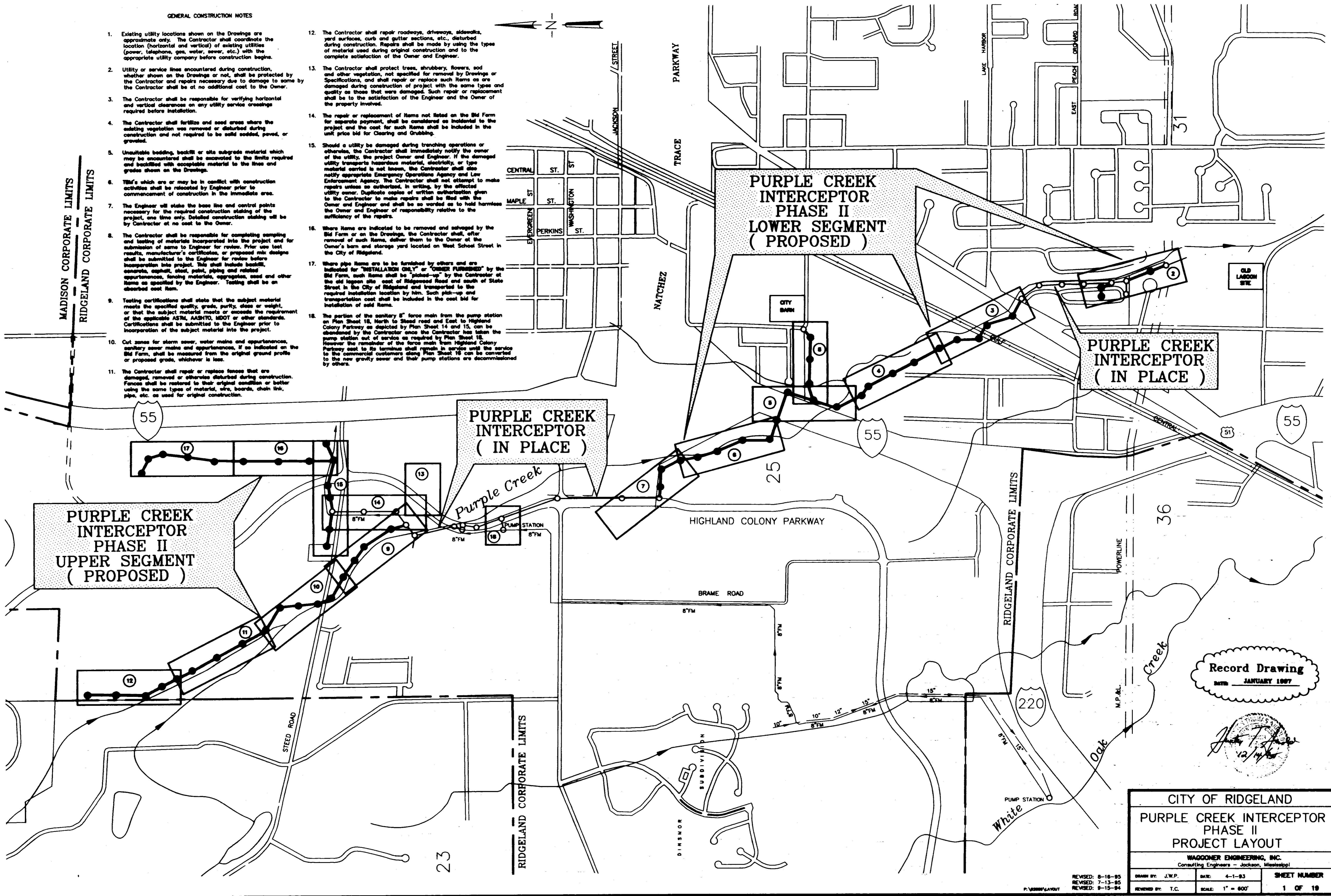
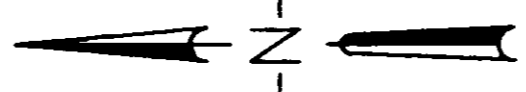
Charles Newell



PWP 01624

GENERAL CONSTRUCTION NOTES

- Existing utility locations shown on the Drawings are approximate only. The Contractor shall coordinate the location (horizontal and vertical) of existing utilities (power, telephone, gas, water, sewer, etc.) with the appropriate utility company before construction begins.
- Utility or service lines encountered during construction, whether shown on the Drawings or not, shall be protected by the Contractor and repairs necessary due to damage to same by the Contractor shall be at no additional cost to the Owner.
- The Contractor shall be responsible for verifying horizontal and vertical clearances on any utility service crossings required before installation.
- The Contractor shall fertilize and seed areas where the existing vegetation was removed or disturbed during construction and not required to be solid sodded, paved, or grouted.
- Unsuitable bedding, backfill or site subgrade material which may be encountered shall be removed to the limits required and backfilled with acceptable material to the lines and grades shown on the Drawings.
- TBM's which are or may be in conflict with construction activities shall be relocated by Engineer prior to commencement of construction in the immediate area.
- The Engineer will stake the base line and control points necessary for the required construction staking will be by Contractor at no cost to the Owner.
- The Contractor shall be responsible for completing sampling and testing of materials incorporated into the project and for submission of same to Engineer for review. Prior use test results, manufacturer's certificates, or proposed mix designs shall be submitted to the Engineer for review before incorporation into project. This shall include backfill, concrete, asphalt, steel, paint, piping and related appurtenances, finishing materials, aggregates, sand and other items as specified by the Engineer. Testing shall be an itemized cost item.
- Testing certifications shall state that the subject material meets the specified quality, grade, purity, class or weight, or that the subject material meets or exceeds the requirement of the applicable ASTM, AASHTO, MDOT or other standards. Certifications shall be submitted to the Engineer prior to incorporation of the subject material into the project.
- Cut zones for storm sewer, water mains and appurtenances, sanitary sewer mains and appurtenances, if as indicated on the Bid Form, shall be measured from the original ground profile or proposed grade, whichever is less.
- The Contractor shall repair or replace fences that are damaged, removed or otherwise disturbed during construction. Fences shall be restored to their original condition or better using the same types of material, wire, boards, chain link, pipe, etc. as used for original construction.
- The Contractor shall repair roadways, driveways, sidewalks, yard surfaces, curb and gutter sections, etc. disturbed during construction. Repairs shall be made by using the types of material used during original construction and to the complete satisfaction of the Owner and Engineer.
- The Contractor shall protect trees, shrubbery, flowers, sod and other vegetation, not specified for removal by Drawings or Specifications, and shall repair or replace such items as are damaged during construction of project with the same types and quality as those that were damaged. Such repair or replacement shall be to the satisfaction of the Engineer and the Owner of the property involved.
- The repair or replacement of items not listed on the Bid Form for separate payment, shall be considered as incidental to the project and the cost for such items shall be included in the unit price bid for Clearing and Grubbing.
- Should a utility be damaged during branching operations or otherwise, the Contractor shall immediately notify the owner of the utility, the project Owner and Engineer. If the damaged utility transports hazardous material, electricity, or type material certified is not known, the Contractor shall also notify appropriate Emergency Operations Agency and Law Enforcement Agency. The Contractor shall not attempt to make repairs unless so authorized, in writing, by the affected utility owner. Duplicate copies of written authorization given to the Contractor to make repairs shall be filed with the Owner and Engineer and shall be so worded as to hold harmless the Owner and Engineer of responsibility relative to the sufficiency of the repairs.
- Where items are indicated to be removed and salvaged by the Bid Form or on the Drawings, the Contractor shall, after removal of such items, deliver them to the Owner at the Owner's barn and storage yard located on West School Street in the City of Ridgeland.
- Where pipe items are to be furnished by others and are indicated for "INSTALLATION ONLY" or "OWNER FURNISHED" by the Bid Form, such items shall be "picked-up" by the Contractor at the old location after east of Ridgeland Road and south of State Street in the City of Ridgeland and transported to the required installation location by him. Such pick-up and transportation cost shall be included in the cost bid for installation of said items.
- The portion of the sanitary 8" force main from the pump station on Plan Sheet 18, north to Steed road and East to Highland Colony Parkway as depicted by Plan Sheet 14 and 15, can be abandoned by the Contractor once the Contractor has taken the Pump station out of service as required by Plan Sheet 18. However, the remainder of the force main from Highland Colony Parkway east to its terminus shall remain in service until the service to the commercial customers along Plan Sheet 18 can be converted to the new gravity sewer and their pump stations are decommissioned by others.



MADISON CORPORATE LIMITS
RIDGELAND CORPORATE LIMITS

PURPLE CREEK INTERCEPTOR PHASE II UPPER SEGMENT (PROPOSED)

PURPLE CREEK INTERCEPTOR (IN PLACE)

PURPLE CREEK INTERCEPTOR PHASE II LOWER SEGMENT (PROPOSED)

PURPLE CREEK INTERCEPTOR (IN PLACE)

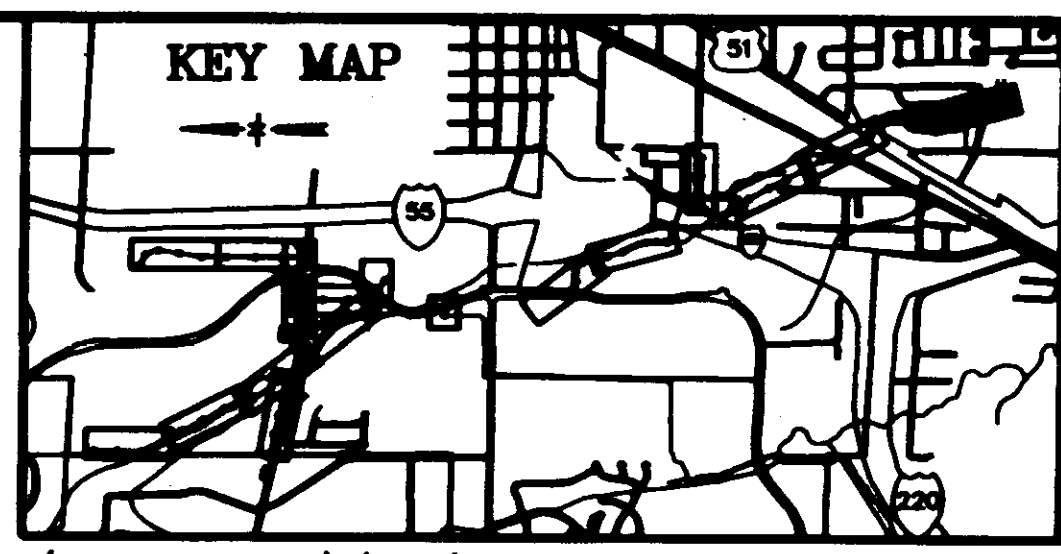
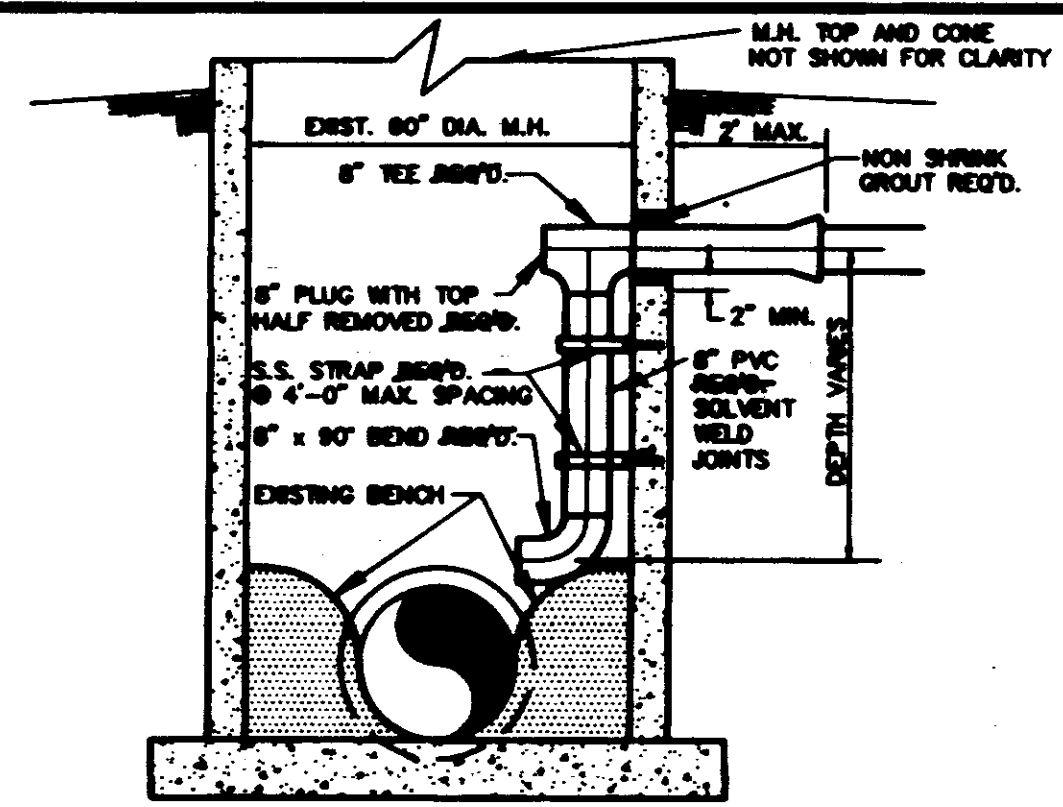
Record Drawing
DATE: JANUARY 1997

John T. Goff
12/14/96

CITY OF RIDGELAND
PURPLE CREEK INTERCEPTOR PHASE II PROJECT LAYOUT

WAGGONER ENGINEERING, INC.
Consulting Engineers - Jackson, Mississippi

DESIGNED BY: J.W.P. DATE: 4-1-93 SHEET NUMBER: 1 OF 19
REVISIONS: 8-16-95
REVISIONS: 7-13-95
REVISIONS: 9-15-94
REVIEWED BY: T.C. SCALE: 1" = 600'



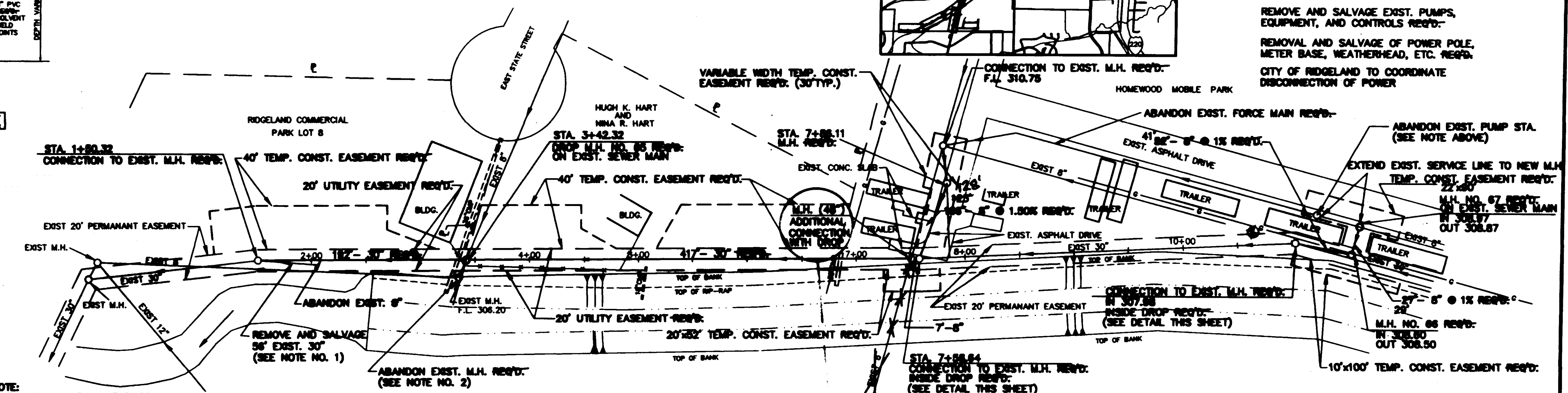
NOTE: CONTRACTOR TO DELIVER SALVAGED ITEMS TO CITY OF RIDGELAND PUBLIC WORKS DEPARTMENT BARN LOCATED ON WEST SCHOOL STREET

REMOVAL OF MINIMUM OF 3' OF WET WELL SEGMENT REQ'D. FILL AND COMPACT WET WELL AND SURROUNDING AREA TO ORIGINAL GRADE REQ'D.

REMOVE AND SALVAGE EXIST. PUMPS, EQUIPMENT, AND CONTROLS REQ'D.

REMOVAL AND SALVAGE OF POWER POLE, METER BASE, WEATHERHEAD, ETC. REQ'D.

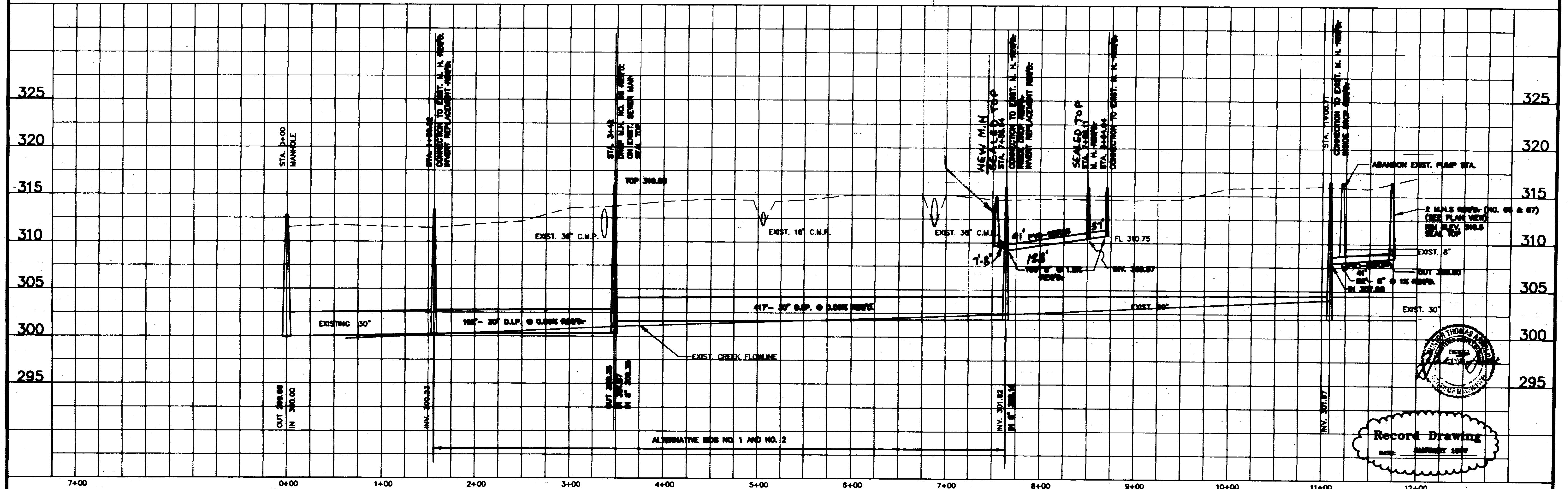
CITY OF RIDGELAND TO COORDINATE DISCONNECTION OF POWER



NOTE:
 1: CONTRACTOR SHALL EXPOSE THE UPPER END OF THE EXISTING PIPE AND NOTIFY ENGINEER PRIOR TO REMOVAL OF ANY PIPE
 2: WHERE M.H. ABANDONMENT IS REQ'D, CONTRACTOR SHALL REMOVE AND SALVAGE CASTING, AND REMOVE UPPER M.H. SECTION. M.H. AND SURROUNDING AREA TO BE FILLED AND COMPACTED TO ORIGINAL GRADE.

NOTE:
 ALL PROPOSED SAN. SEWER MAIN AND PROPOSED EASEMENTS ON THIS SHEET ARE IN FLOOD ZONE A2.

T.B.M. ELEV. 317.51
 NAIL IN POWER POLE
 40' SOUTH OF STA. 11+08.71



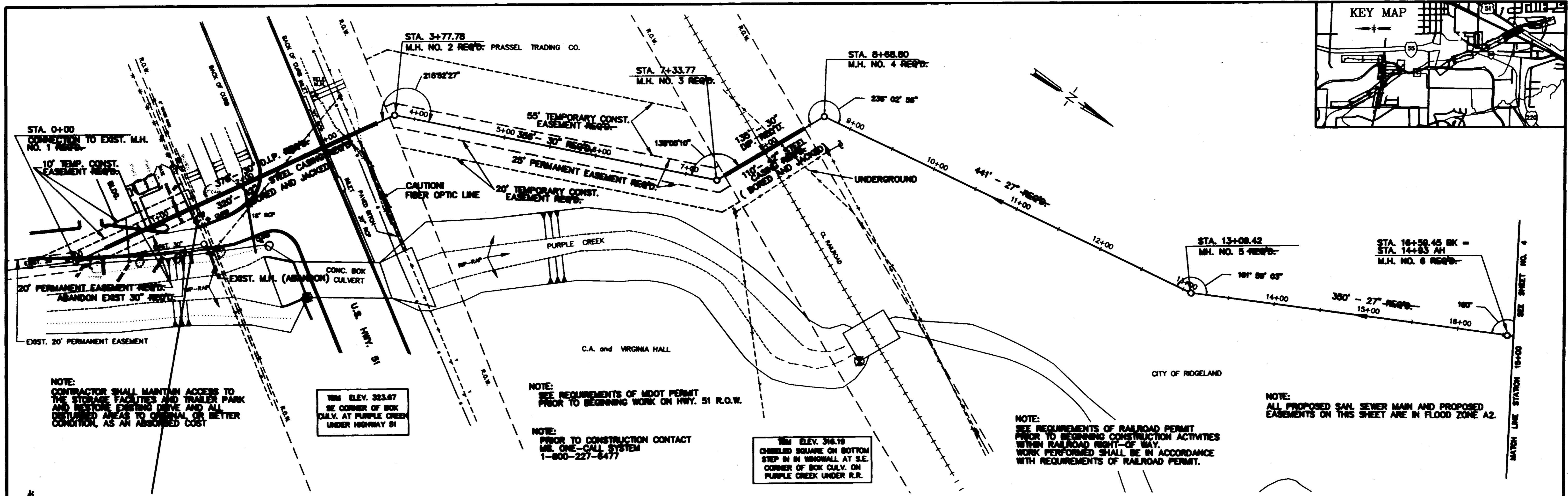
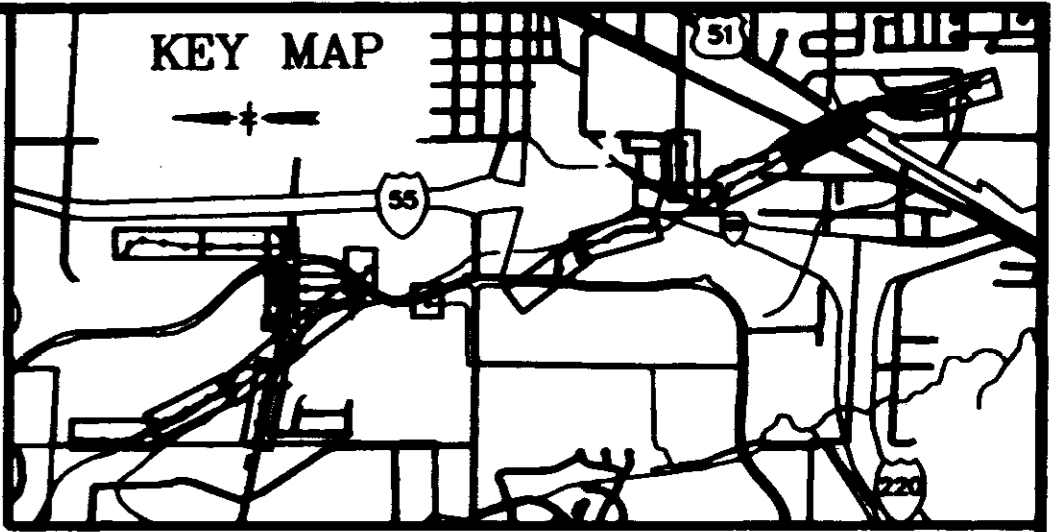
3	1-97	RECORD DRAWINGS	C.S.	DESIGNED	DATE
2	6/98	ADD PROFILE FROM STA. 7+58.64 TO 8+64.64		R.C.	12-02
1	8/04	INSERTED MANHOLE TO SHIFT ALIGNMENT AWAY FROM TRAILER		DRAWN	SCALE
NO.	DATE	REVISIONS	BY	J.W.P.	1"=8' HORIZ. 1"=8' VERT.

WAGGONER ENGINEERING INC. CONSULTING ENGINEERS
 JACKSON, MISSISSIPPI

PURPLE CREEK INTERCEPTOR
 PHASE II COMPLETION

Record Drawing
 DATE: JANUARY 2007

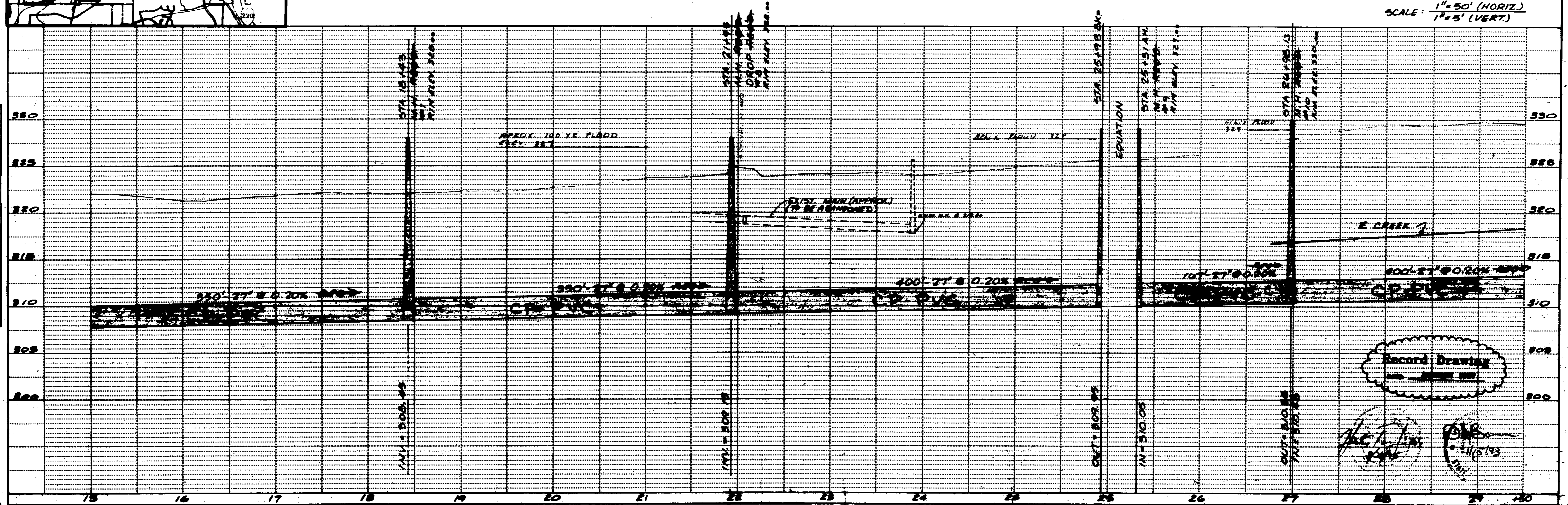
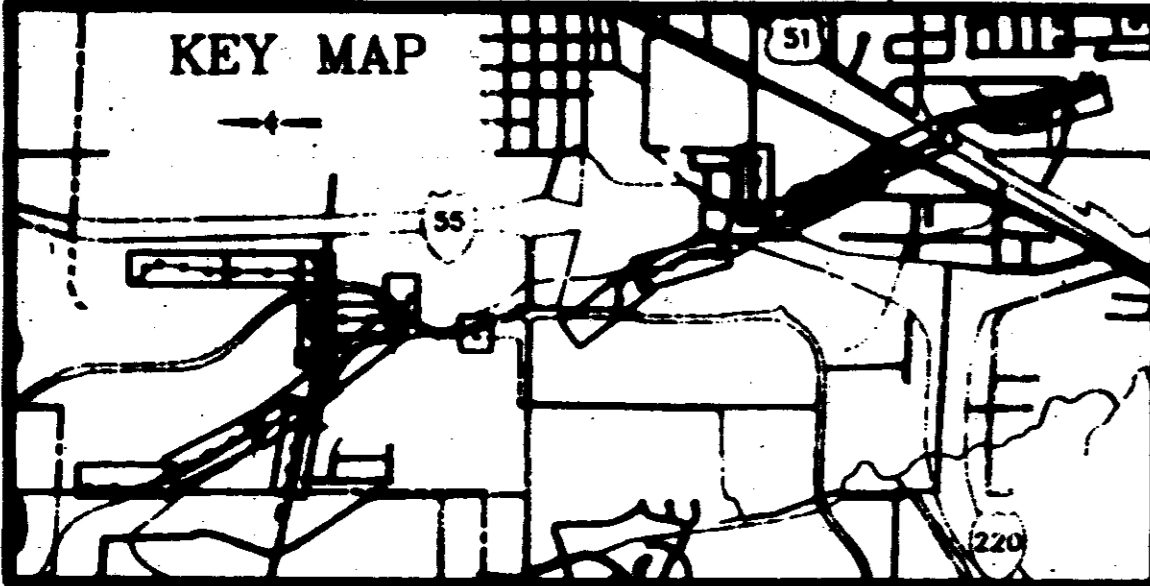
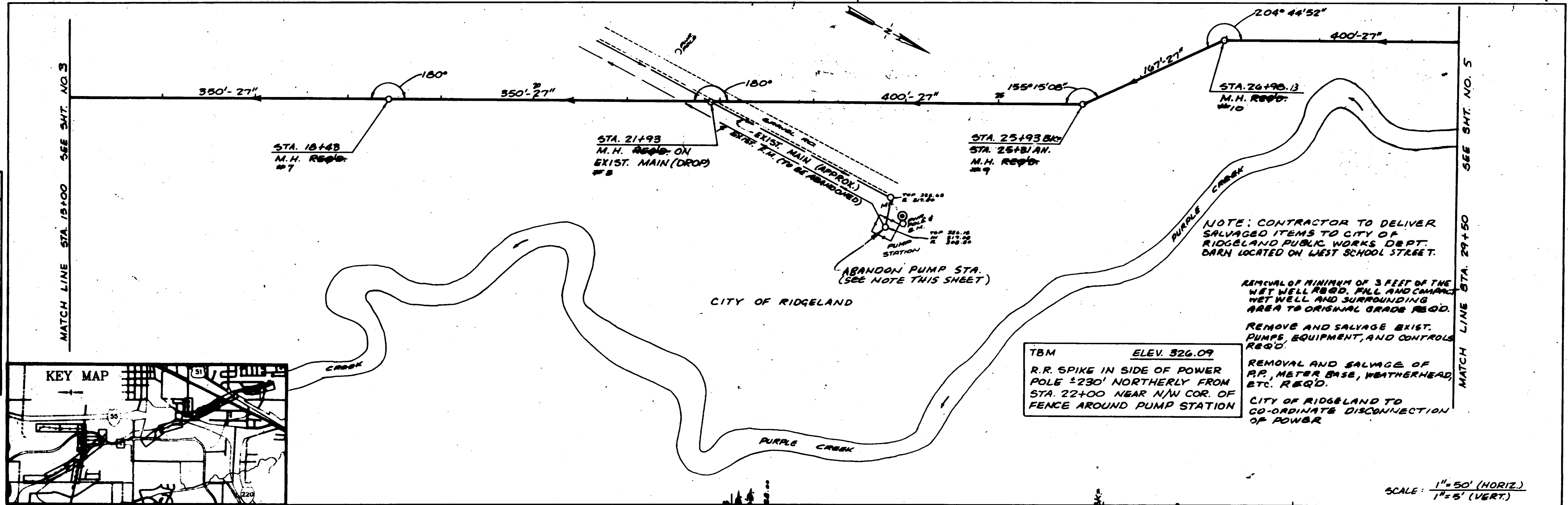
ACAD PATH ROUTE
 92089 SHEET 11
 W.E.I. JOB NO. 92-089 SHEET NO. 2 OF 19



Record Drawing
 DATE: JANUARY 1997

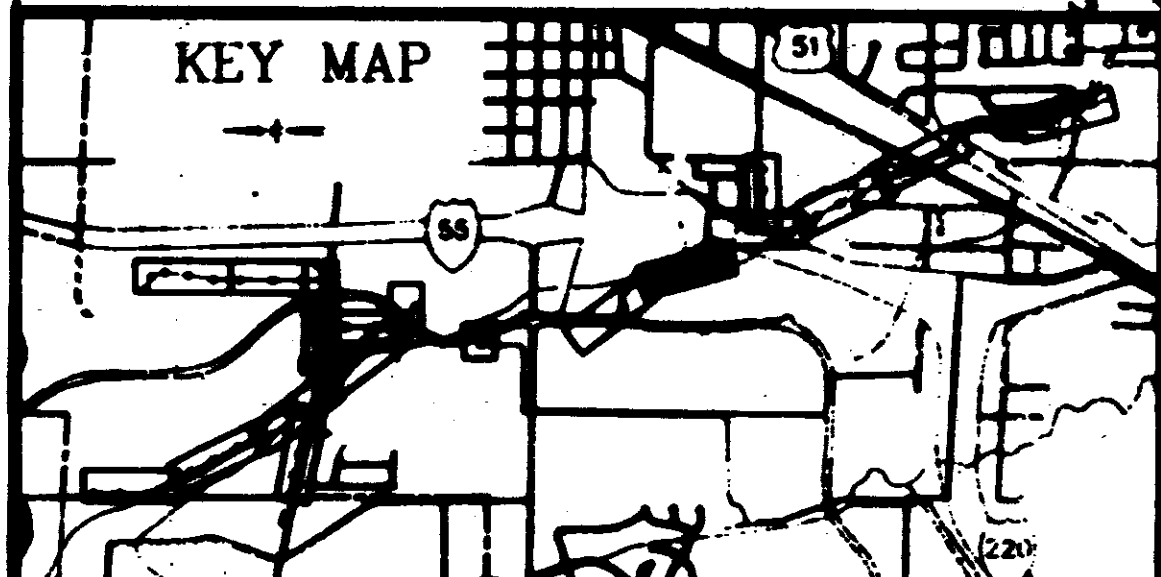
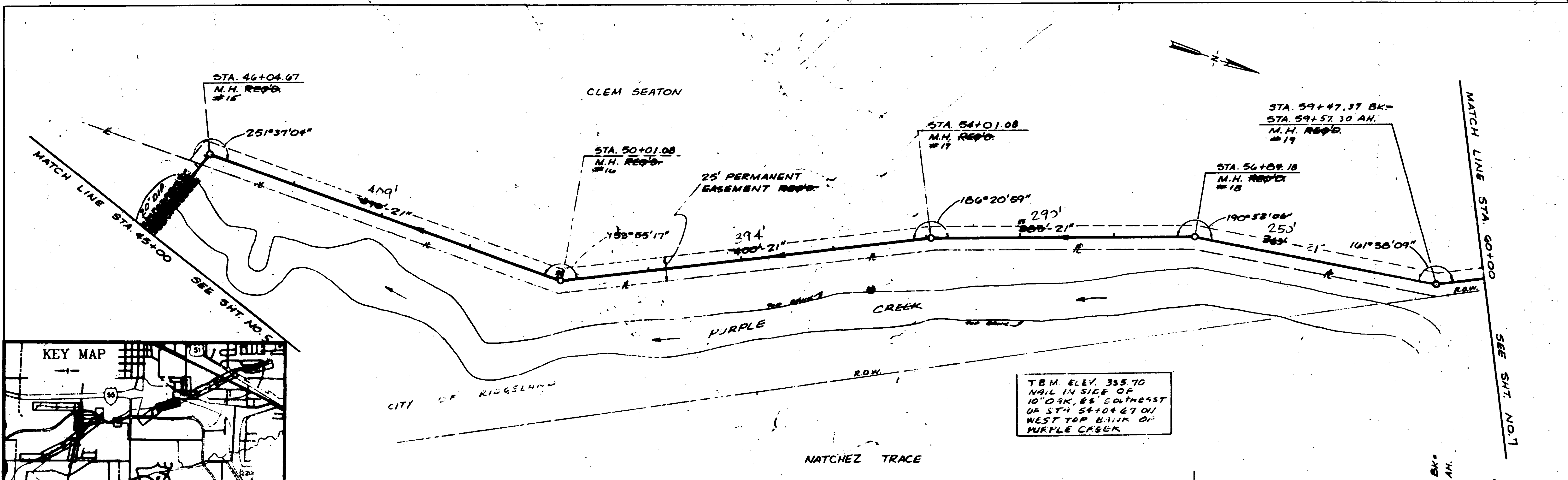
DATE	
BY	
CHECKED	
APPROVED	
SCALE	
PROJECT	
DESCRIPTION	
DATE	
BY	
CHECKED	
APPROVED	

DATE	
BY	
CHECKED	
APPROVED	
SCALE	
PROJECT	
DESCRIPTION	
DATE	
BY	
CHECKED	
APPROVED	



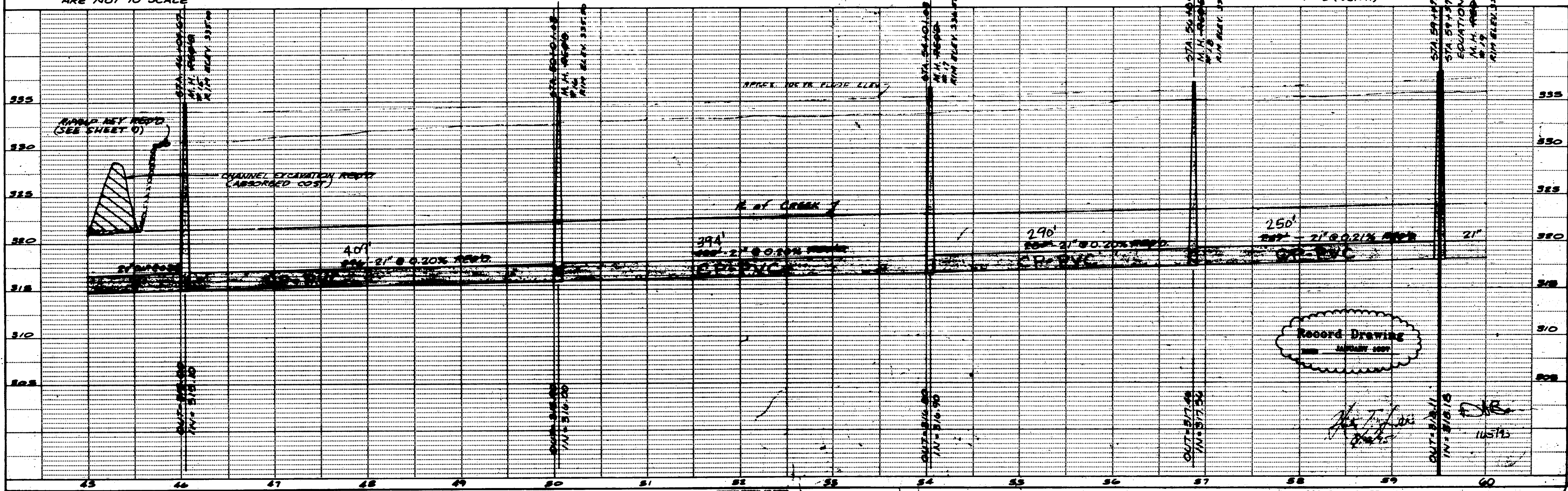
SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

Record Drawing



T.B.M. ELEV. 355.70
 NAIL IN SIDE OF
 10" OAK, 65' SOUTHEAST
 OF STA. 54+04.67 ON
 WEST TOP BANK OF
 PURPLE CREEK

NOTE: WIDTHS OF EASEMENTS SHOWN ARE NOT TO SCALE



SCALE: 1" = 50' (HORIZ.)
 1" = 5' (VERT.)

Record Drawing
 JANUARY 2009

Handwritten signatures and dates, including '1/25/09'.

PLAN	DATE
REVISED	
DATE	
BY	
CHKD	

PROFILE	DATE
REVISED	
DATE	
BY	
CHKD	

PLATE 1 - SINGLE PLAN AND PROFILE

WAGNER ENGINEERING INC.
 Consulting Engineers - Jackson / Brandon, MS
 PURPLE CREEK INTERCEPTOR
 W.B.I. # 22-289

NOTE: WIDTH OF EASEMENTS SHOWN ARE NOT TO SCALE

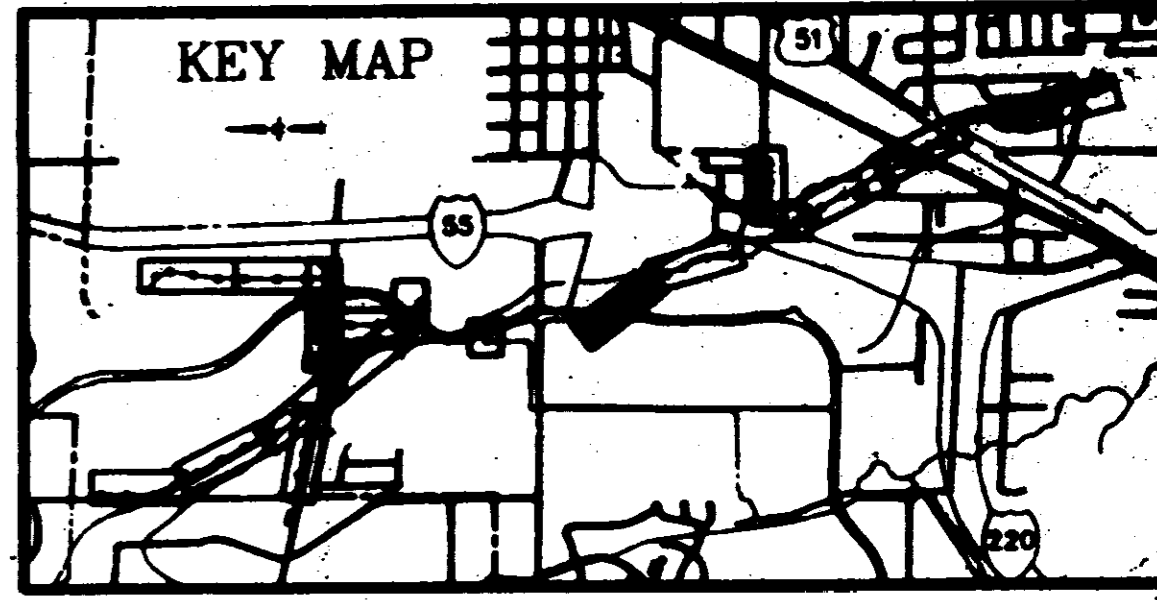
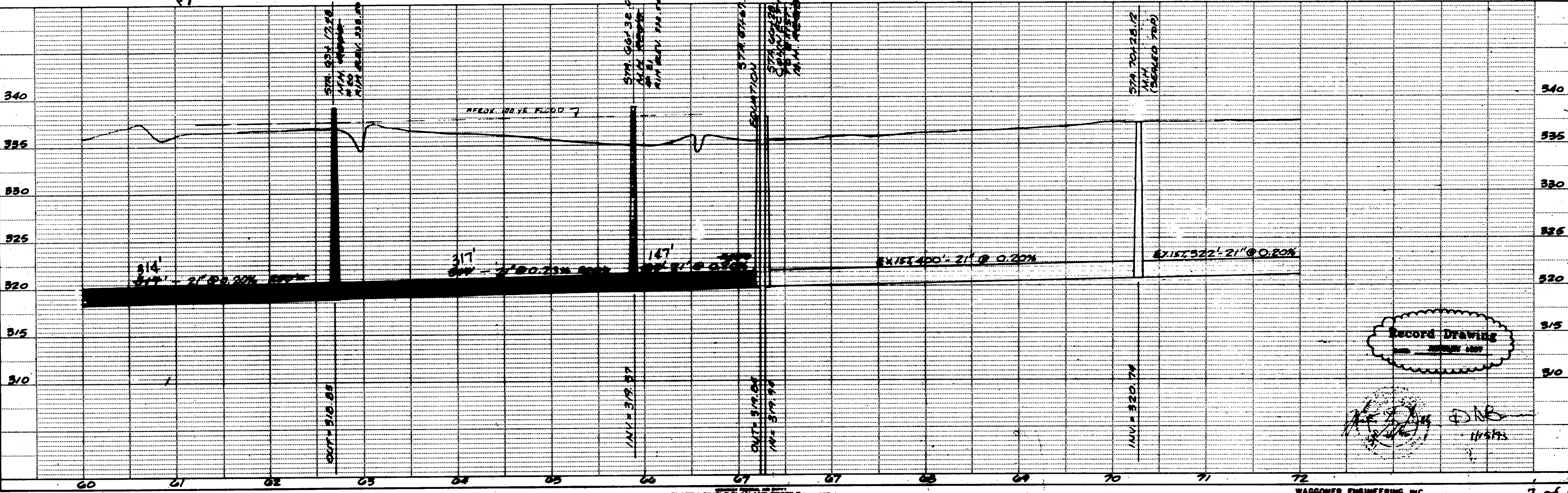
PROTECT EXIST. M.H. FROM MOVEMENT. SHEETING/ SHORING OR OTHER RESTRAINT SYSTEM IS REQ'D. TO PREVENT DAMAGE TO EXIST. M.H.. STREET, CURB AND GUTTER RESTRAINT SYSTEM AND CONST. TECHNIQUES SHALL BE SUBMITTED FOR REVIEW BY THE ENGINEER PRIOR TO CONST.

TBM ELEV. 338.87
CONCRETE MONUMENT WITH DISK MARKED (3-P/154-1965) ±140' WEST OF STA. 66+53

TBM ELEV. 336.98
TOP OF F.I.R. IN CONCRETE MONUMENT 20' EAST & 20' NORTH OF STA. 62+68.91

PLAN	DATE
BY	
CHECKED	
APPROVED	
DATE	

PROFILE	DATE
BY	
CHECKED	
APPROVED	
DATE	



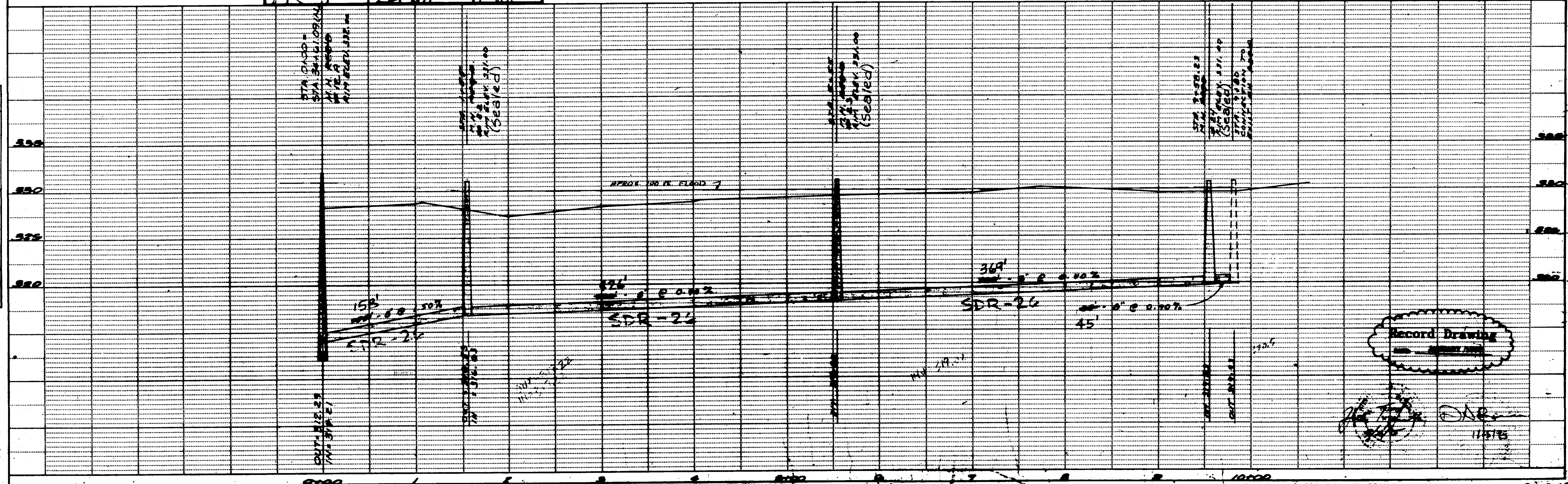
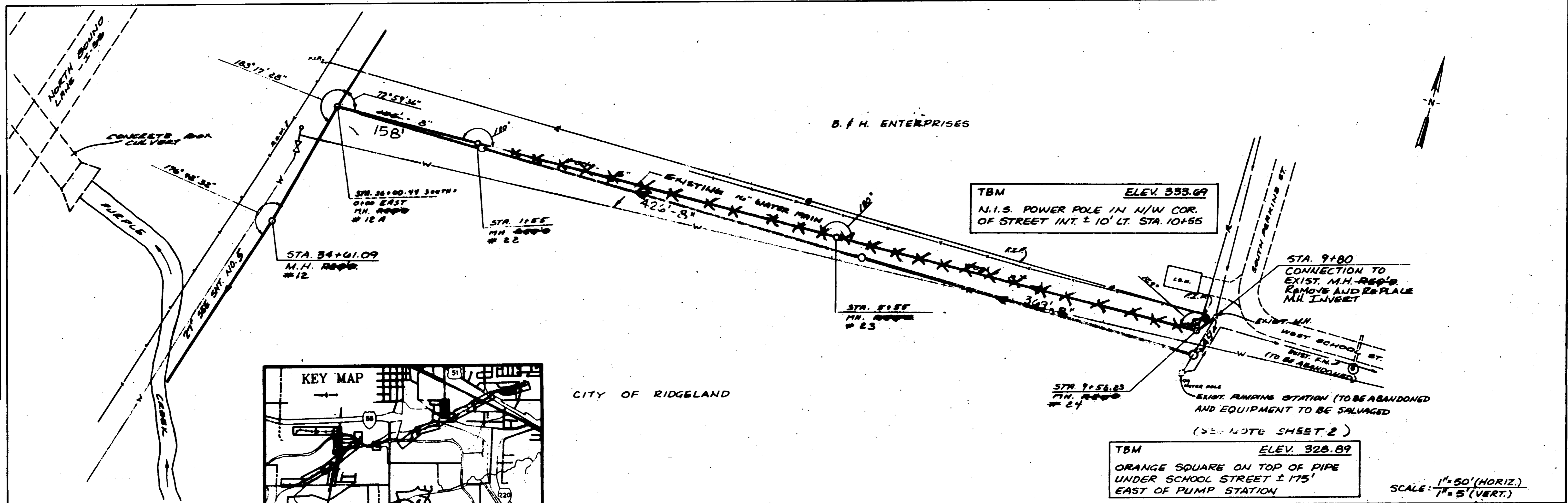
SCALE: 1"=50'(HORIZ.)
1"=5'(VERT.)

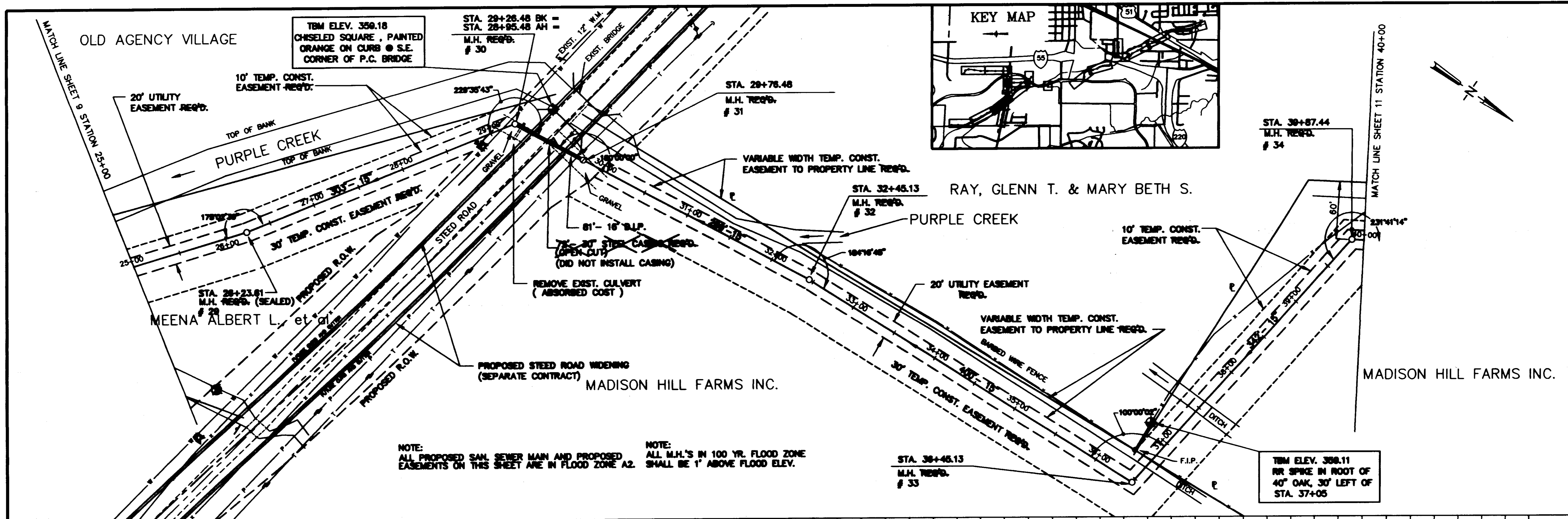
RECORD DRAWING

WAGGONER ENGINEERING INC.
Consulting Engineers - Jackson / Brashear, MS
PURPLE CREEK INTERCEPTOR
W.E.I. 92-089

BY	
DATE	
PLAN	
NO.	
DATE	
NO.	
DATE	
NO.	

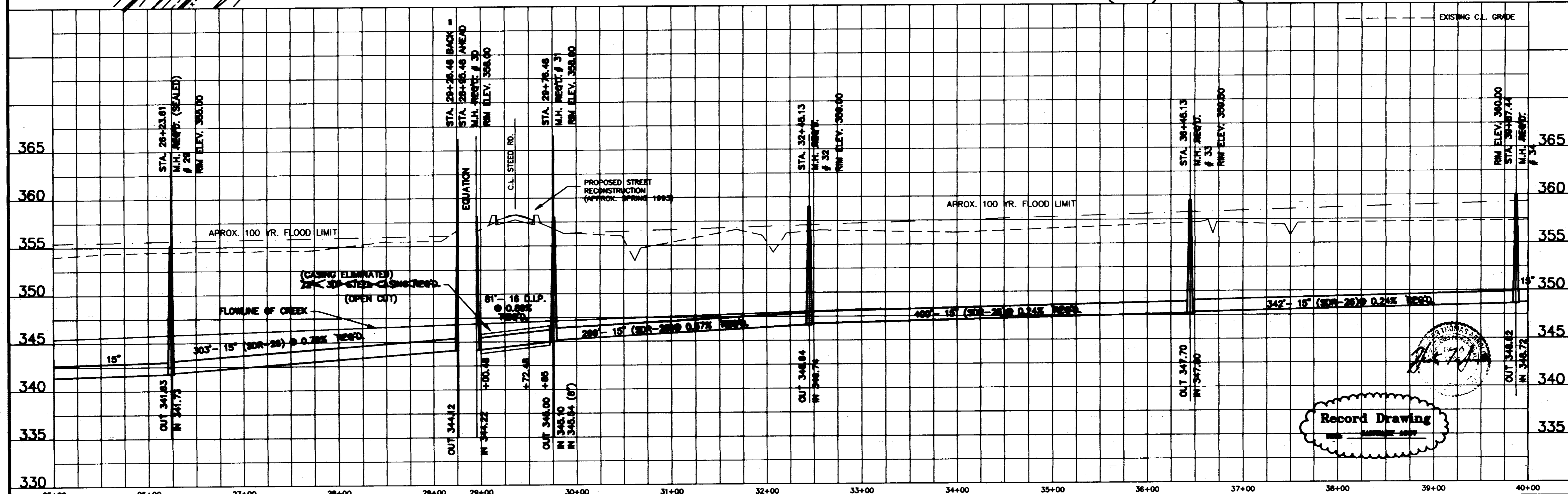
BY	
DATE	
PROFILE	
NO.	
DATE	
NO.	
DATE	
NO.	





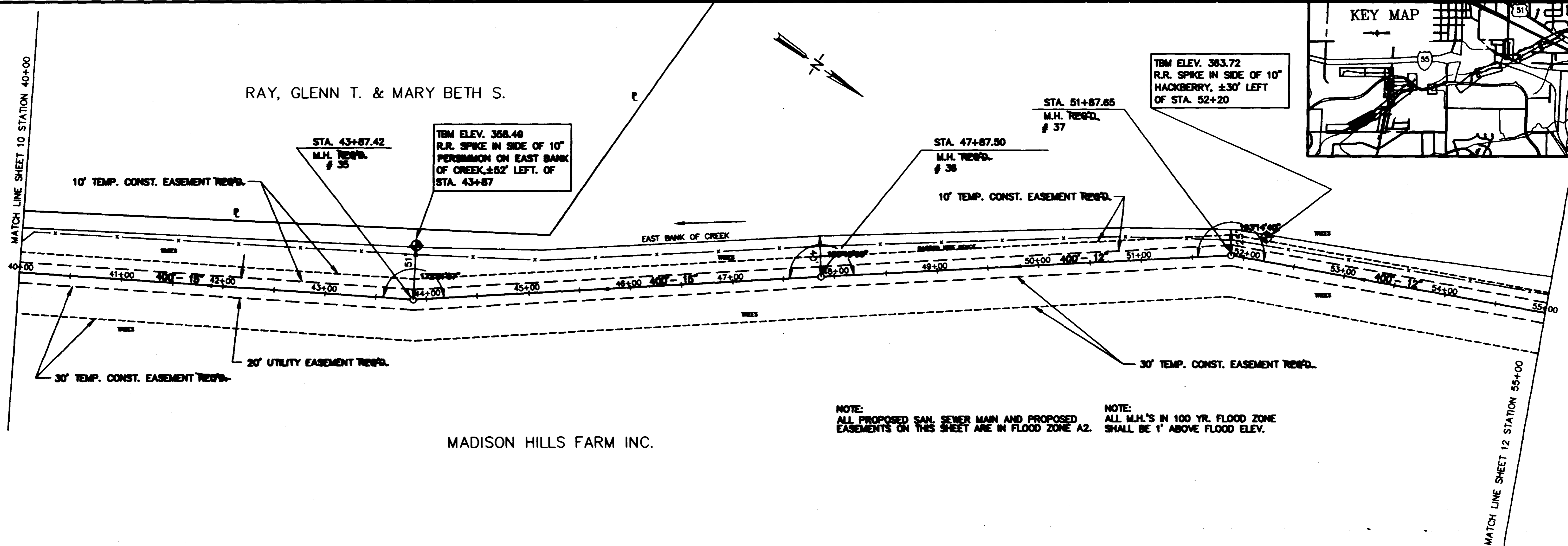
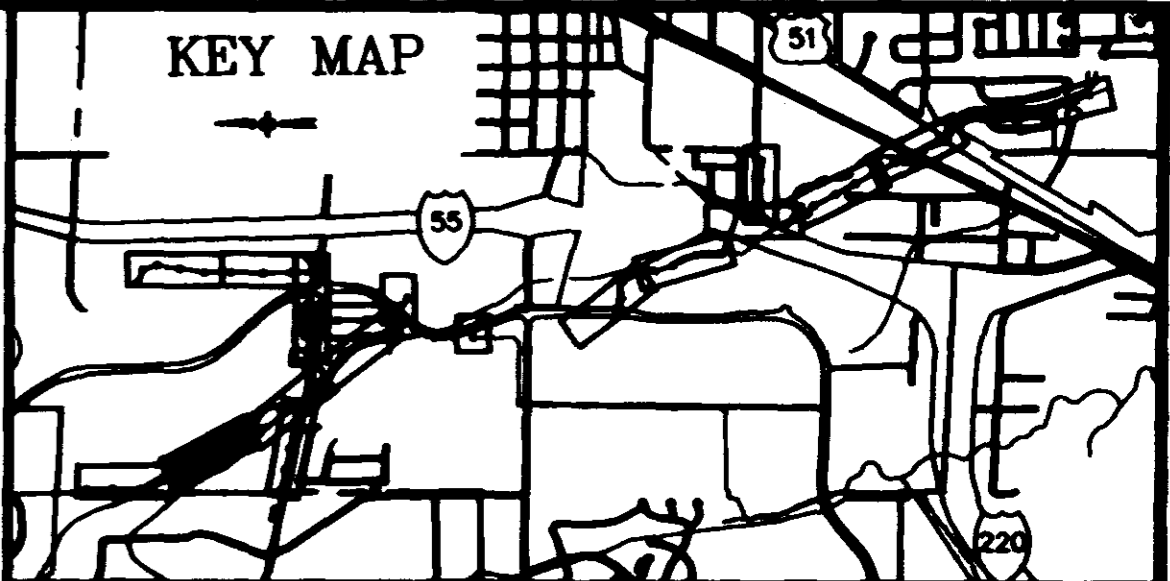
NOTE: ALL PROPOSED SAN. SEWER MAIN AND PROPOSED EASEMENTS ON THIS SHEET ARE IN FLOOD ZONE A2.

NOTE: ALL M.H.'S IN 100 YR. FLOOD ZONE SHALL BE 1' ABOVE FLOOD ELEV.



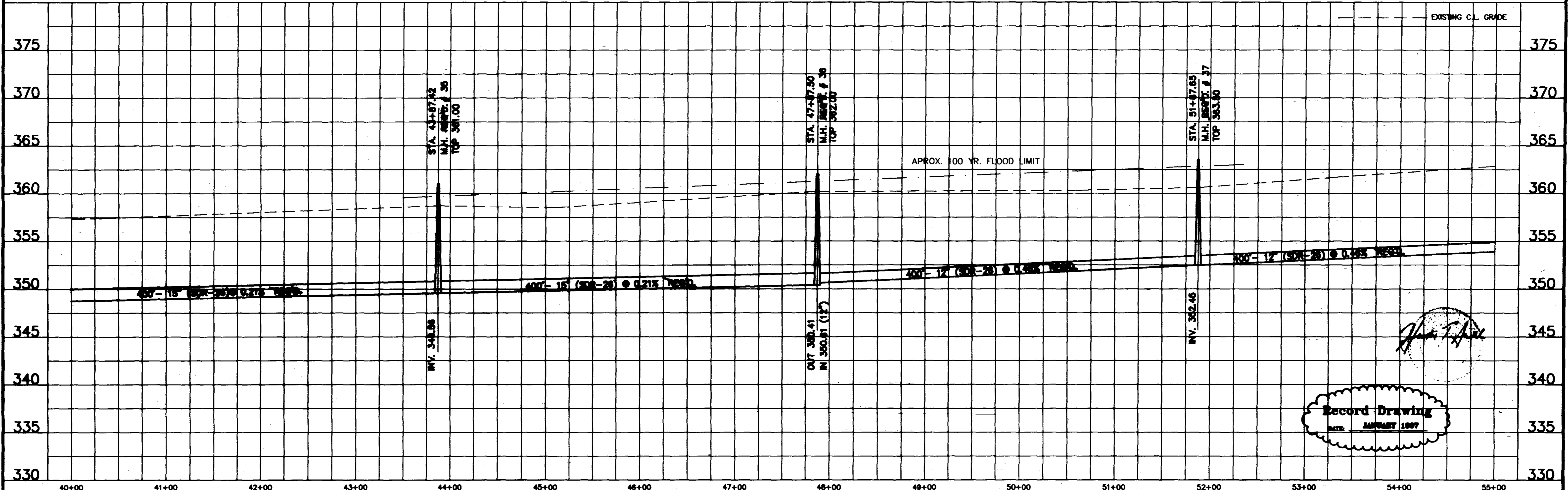
3	1/97	RECORD DRAWINGS	C.S.	DESIGNED	DATE	WACONER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI	PURPLE CREEK INTERCEPTOR PHASE II COMPLETION	ACAD PATH ROUTE	SHEET NO.
2	2/94	OMITTED 8" SAN. SEWER LINE FROM WEST @ M.H. #31	R.C.	12-92	C:\P\92089\P15			10 OF 19	
1	2/94	MATCH LINE DELETION IN PLAN VIEW AND LENGTHEN CASING	DRAWN	SCALE	W.E.I. JOB NO.			92-089	
NO.	DATE	REVISIONS	BY	R.C.	1" = 40' VERT. 1" = 50' HORIZ.				

Record Drawing



NOTE: ALL PROPOSED SAN. SEWER MAIN AND PROPOSED EASEMENTS ON THIS SHEET ARE IN FLOOD ZONE A2.

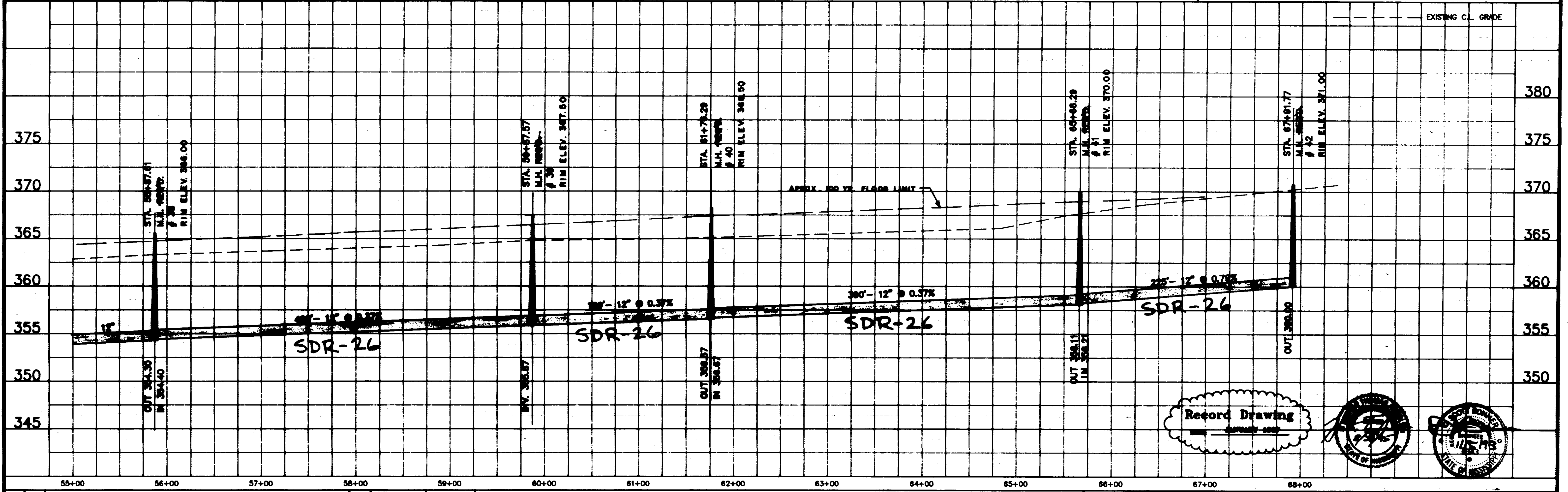
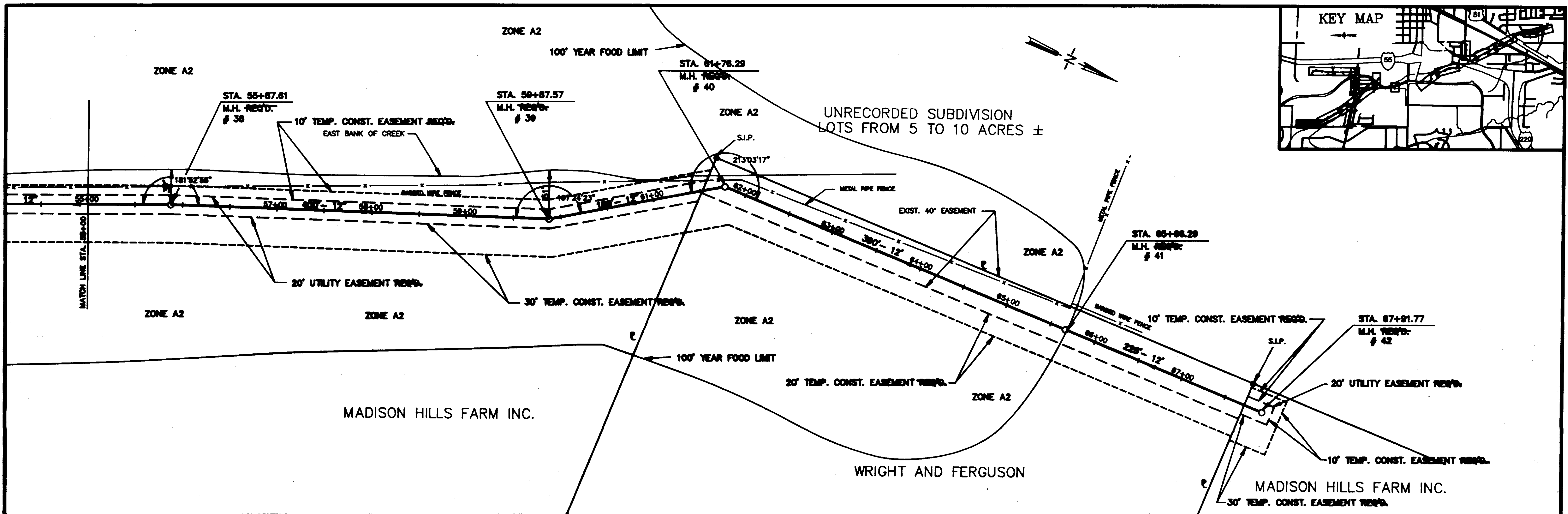
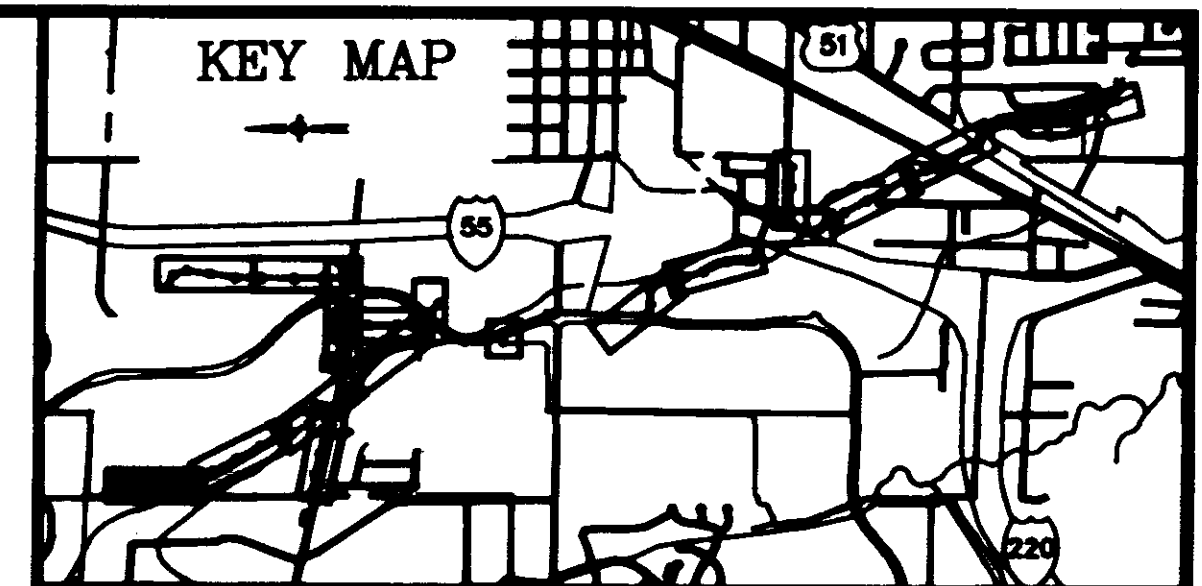
NOTE: ALL M.H.'S IN 100 YR. FLOOD ZONE SHALL BE 1' ABOVE FLOOD ELEV.



John T. Hill

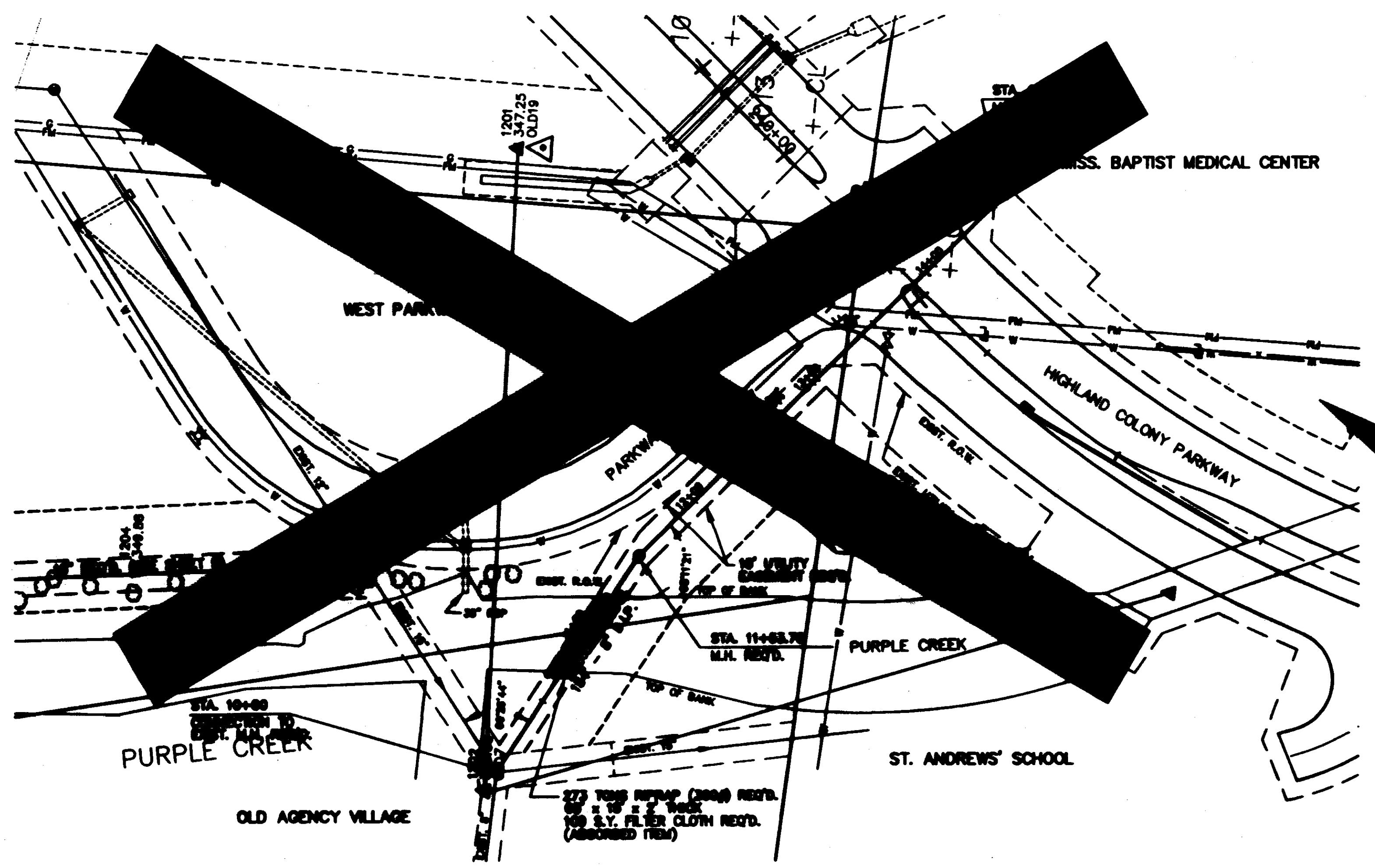
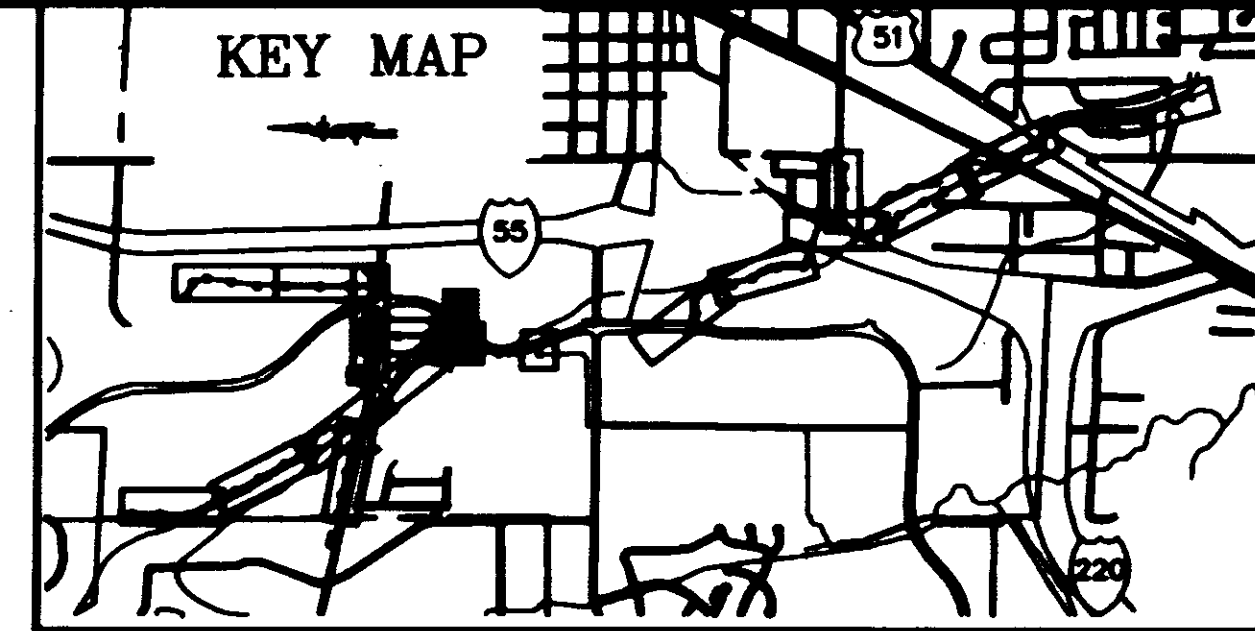
Record Drawing
DATE: JANUARY 1997

NO.	DATE	REVISIONS	BY	DESIGNED R.C.	DATE 11-92	WAGGNER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI	PURPLE CREEK INTERCEPTOR PHASE II COMPLETION	ACAD PATH ROUTE C:\P\92089\P16	W.E.I. JOB NO. 92-089	SHEET NO. 11 OF 19
2	1/97	RECORD DRAWING	C.S.							
1	8/94	MATCH LINE DELETION IN PLAN VIEW								
					SCALE 1"=30' HORIZ. 1"=8' VERT.					

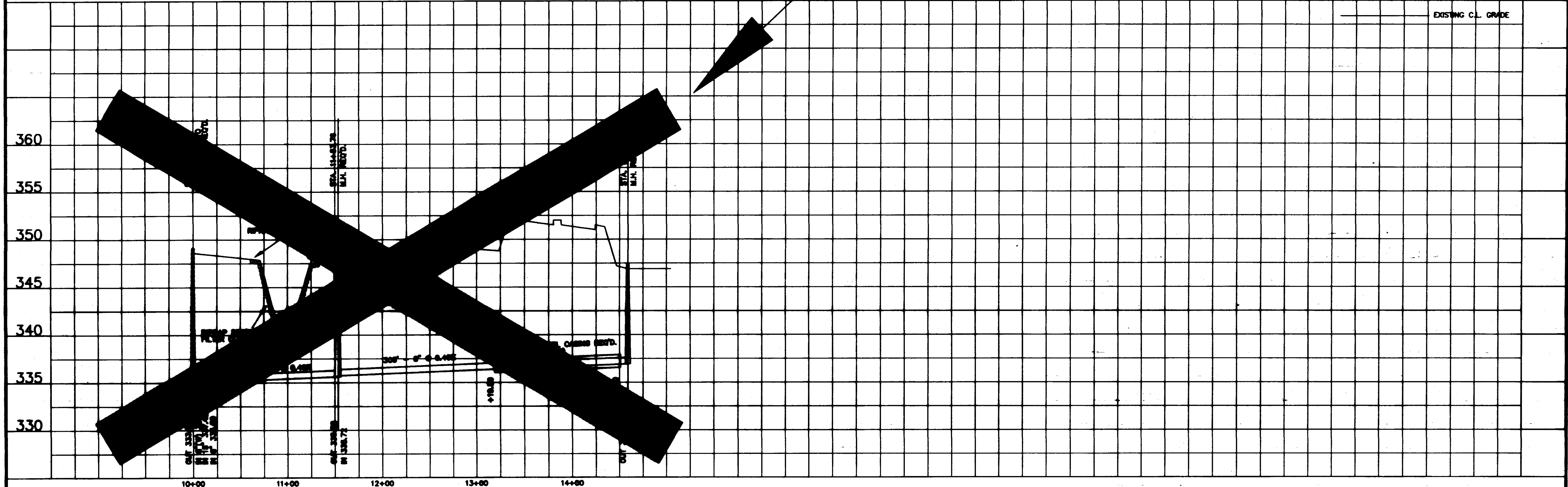


DESIGNED R.C.	DATE 12-02	VACONER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI	PURPLE CREEK INTERCEPTOR PHASE II COMPLETION	ACAD PATH ROUTE C:\P\2008\17
DRAWN R.C.	SCALE 1"=40'			W.E.I. JOB NO. 82-088

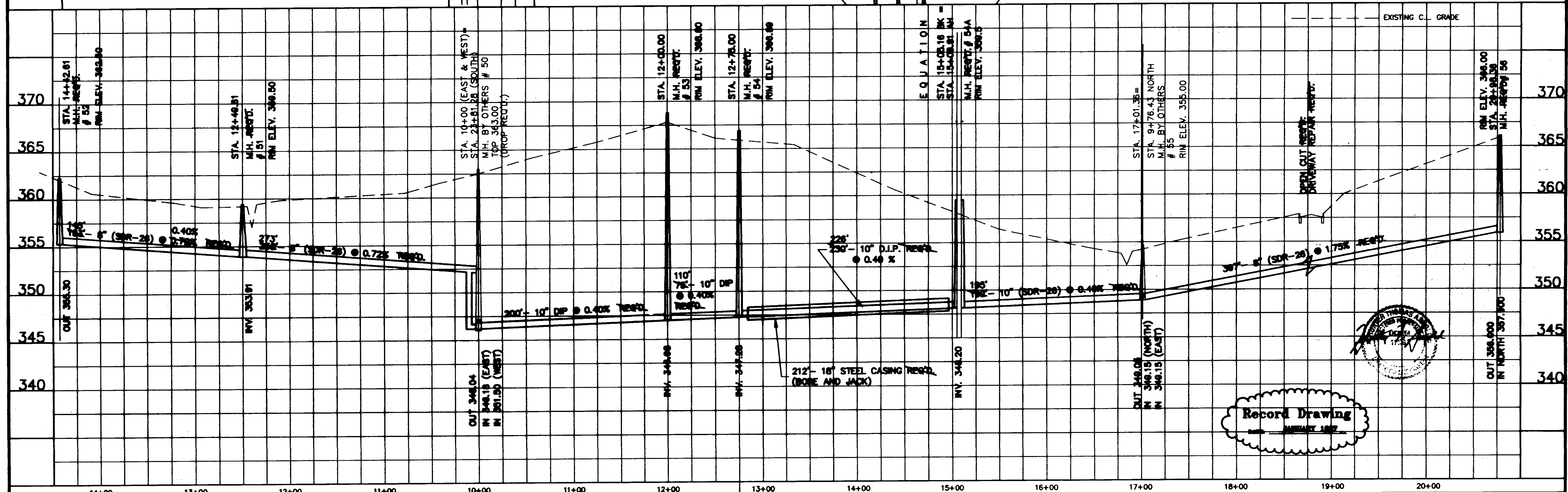
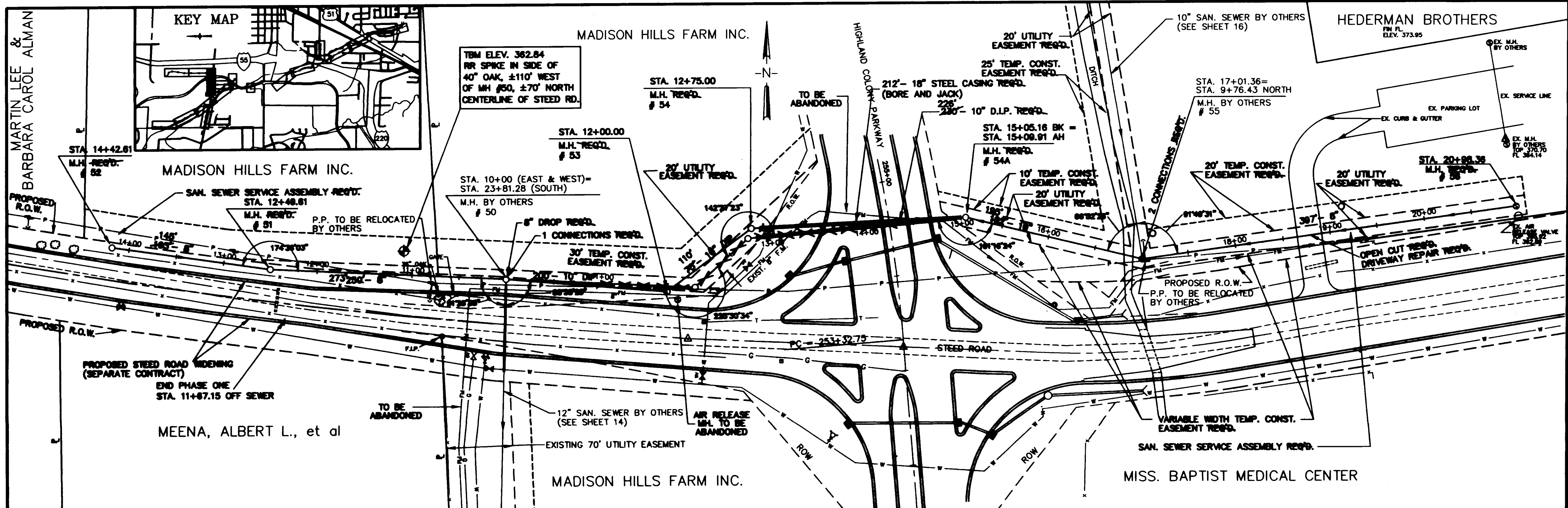




*DID NOT
INSTALL*

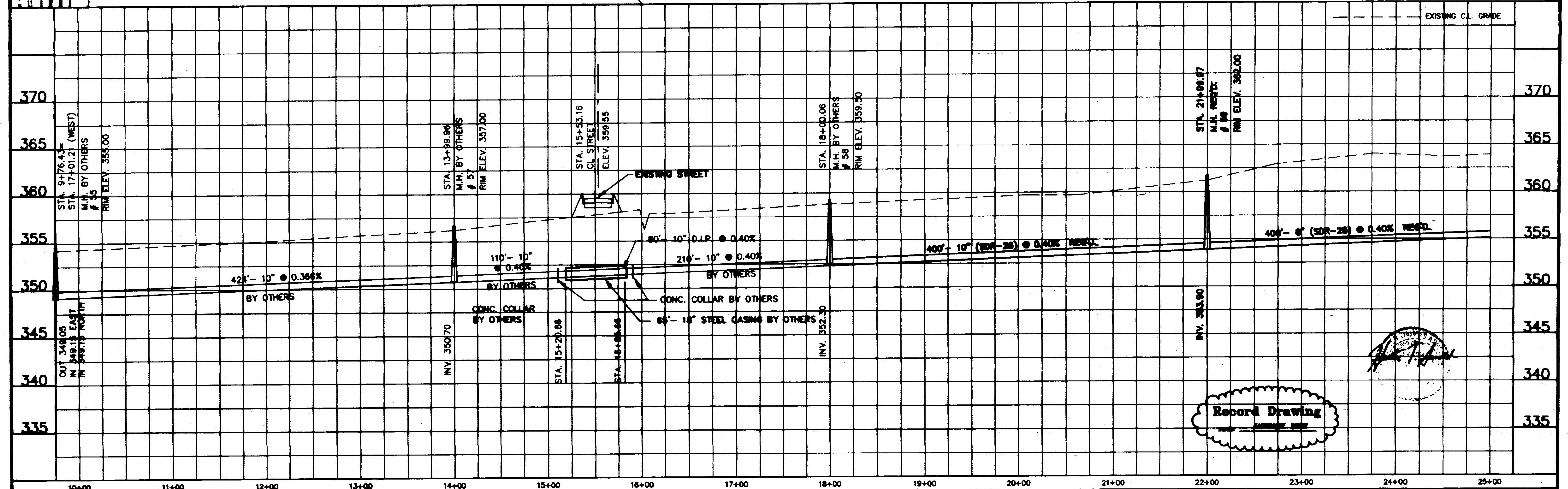
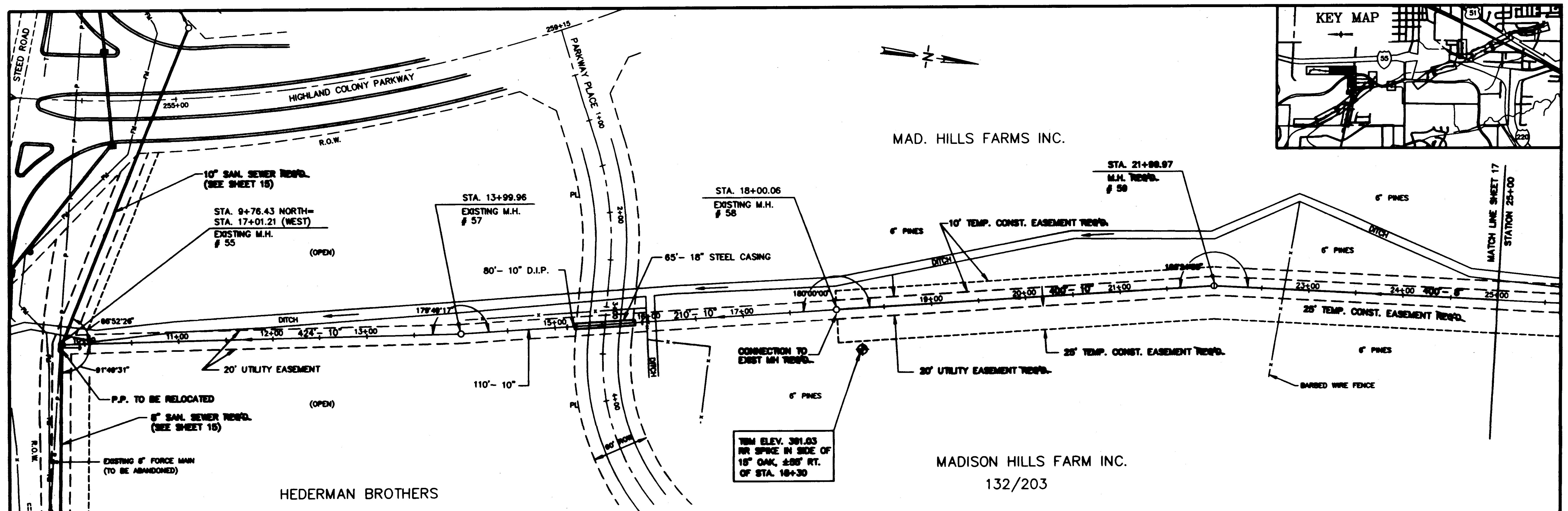
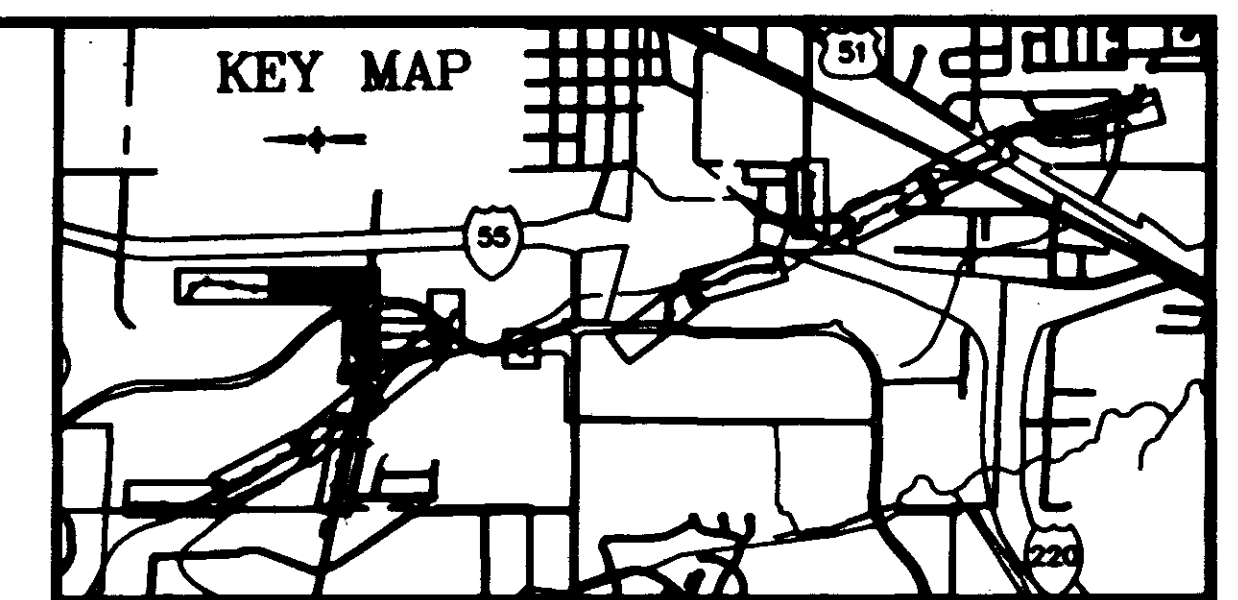


DESIGNED		DATE		WAGGONER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI		PURPLE CREEK INTERCEPTOR PHASE II COMPLETION		ACAD PATH ROUTE	
OCT. 95		OCT. 95						C:\P\92089\POK95A(1)	
SCALE		BY		W.E.I. JOB NO.		SHEET NO.		13 OF 19	
1" = 40' HORIZ.		BY		92-089		13 OF 19			

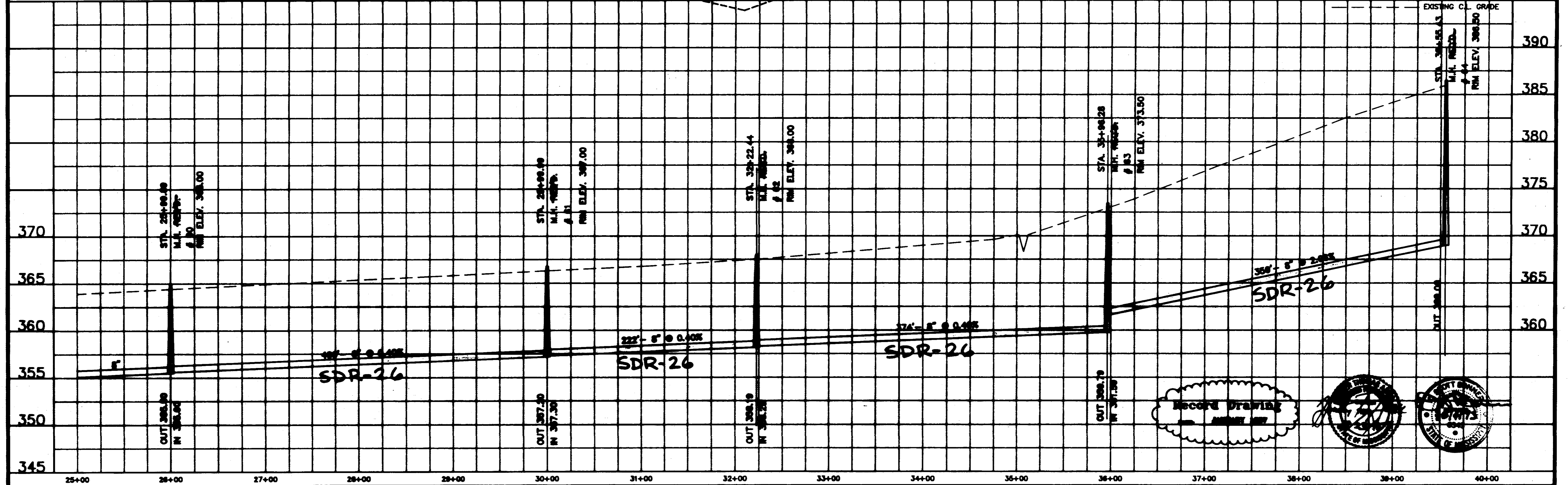
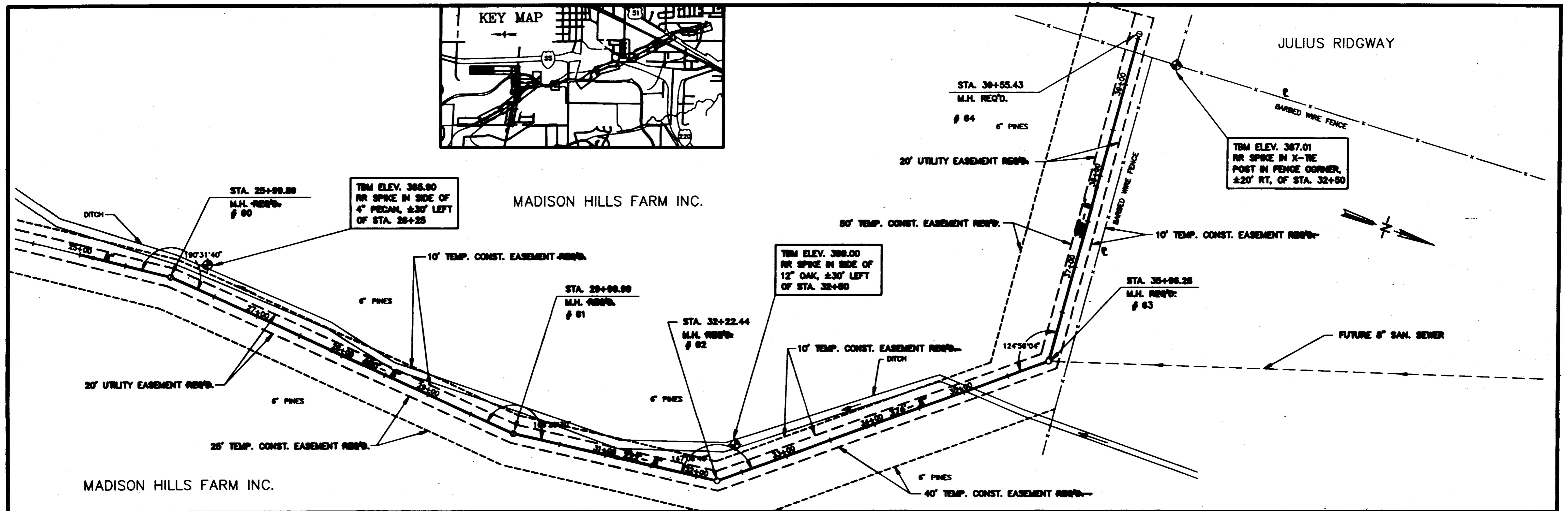
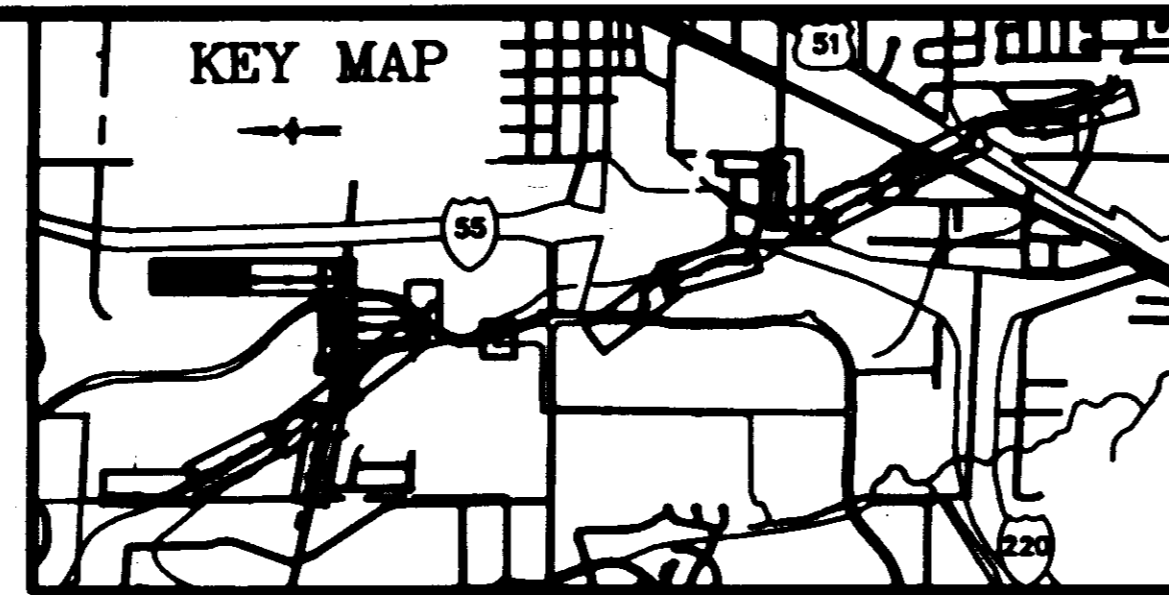


5	1-97	RECORD DRAWING	C.S.	DESIGNED	DATE	WACONER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI	PURPLE CREEK INTERCEPTOR PHASE II COMPLETION	ACAD PATH ROUTE		
4	7-95	RELOCATED SEWERLINE STATION 12+75 TO 15+05.16	R.C.	12-92	SCALE			1"=80' HORIZ.	1"=8' VERT.	W.E.L. JOB NO.
3	7-95	EXISTING LINES CONSTRUCTED BY OTHERS	BY							82-089
NO. DATE		REVISIONS						SHEET NO.		
								15 OF 19		

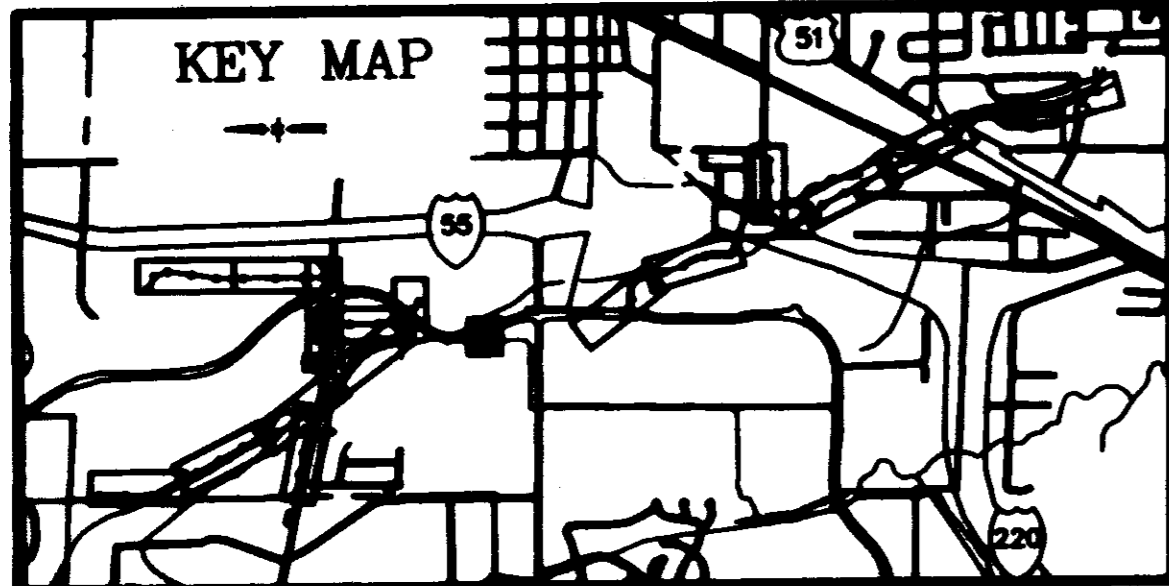
Record Drawing
 17 JAN 1997



3 1-97	RECORD DRAWING	C.S.	DESIGNED	DATE	WAGNER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI	PURPLE CREEK INTERCEPTOR PHASE II COMPLETION	ACAD PATH ROUTE C:\P00000\118 WEL JOB NO. 03-000 SHEET NO. 16 OF 19
2 8-95	SHEET CHANGED TO SHOW EXISTING LINES CONSTRUCTED BY OTHERS	R.C.	DATE				
1 8/24	CHANGED PROPOSED TO EXISTING ROAD - CHANGED CASING LENGTH	DRAWN	SCALE				
NO. DATE	REVISIONS	BY	DATE				



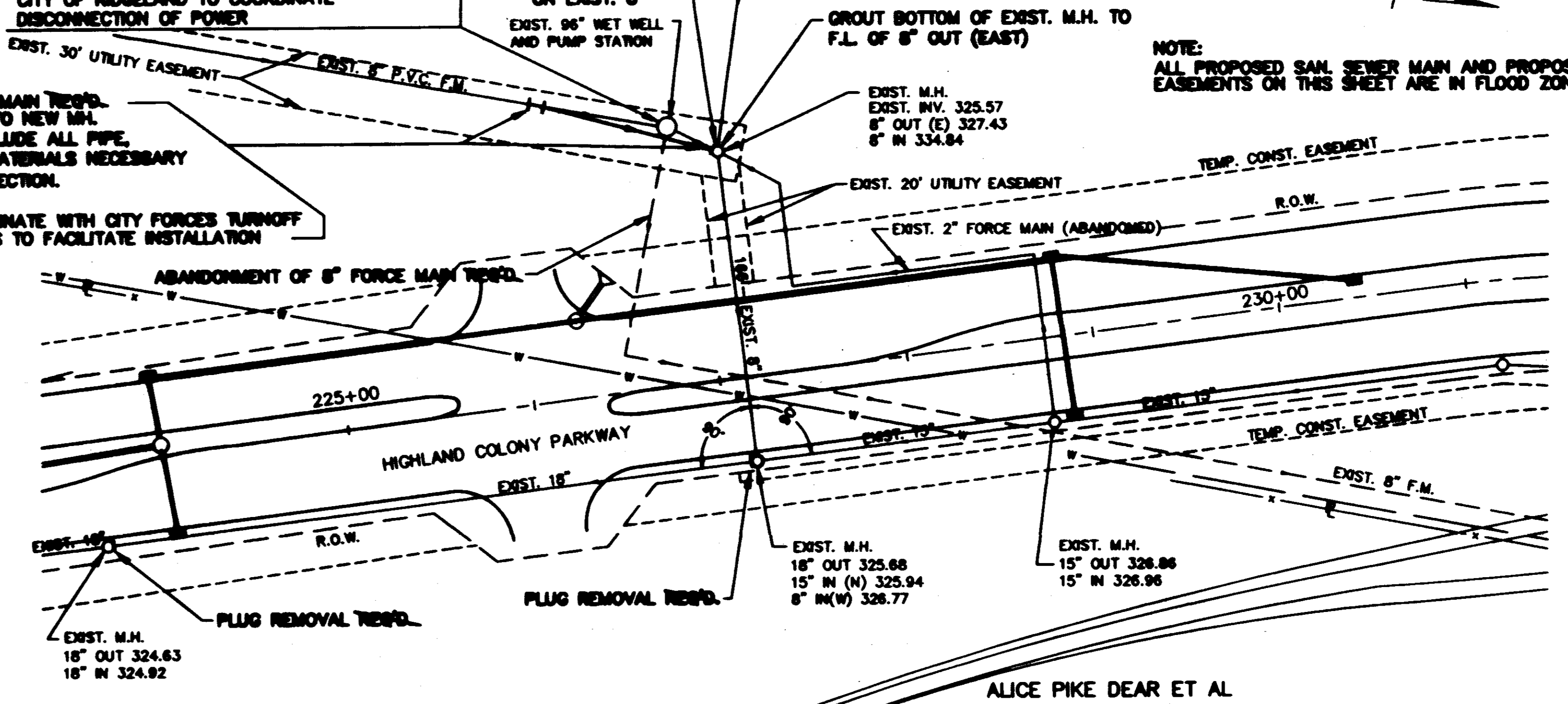
DESIGNED R.C.		DATE 12-08	WACONER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI		PURPLE CREEK INTERCEPTOR PHASE II COMPLETION		ACAD PATH ROUTE C:\P2009\19		
DRAWN R.C.		SCALE 1"=40'			RECORD DRAWING		W.E.I. JOB NO. 92-089 SHEET NO. 17 OF 18		
NO. DATE		REVISIONS							



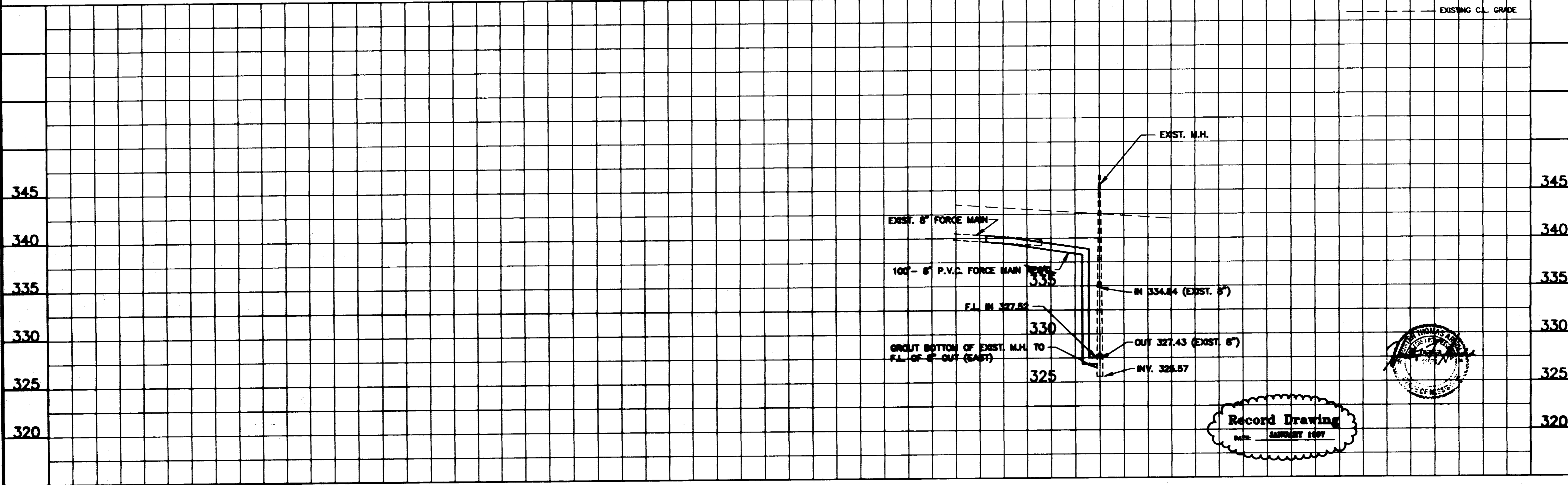
NOTE: CONTRACTOR TO DELIVER SALVAGED ITEMS TO CITY OF RIDGELAND PUBLIC WORKS DEPARTMENT AT SCHOOL STREET

- REMOVAL OF TOP OF WET WELL SEGMENT REQ'D. FILL AND COMPACT WET WELL AND SURROUNDING AREA TO ORIGINAL GRADE REQ'D.
- REMOVE AND SALVAGE EXIST. 450 G.P.M. DUPLEX PUMPS, EQUIPMENT, AND CONTROLS REQ'D.
- REMOVAL AND SALVAGE OF POWER POLE, METER BASE, WEATHERHEAD, ETC. REQ'D.
- CITY OF RIDGELAND TO COORDINATE DISCONNECTION OF POWER

100' - 8" P.V.C. FORCE MAIN REQ'D. RECONNECT EXIST. FM TO NEW M.H. LUMP SUM ITEM TO INCLUDE ALL PIPE, FITTINGS, AND OTHER MATERIALS NECESSARY FOR A COMPLETE CONNECTION. F.L. IN 338.00 CONTRACTOR TO COORDINATE WITH CITY FORCES TURNOFF OF DOWNSTREAM PUMPS TO FACILITATE INSTALLATION



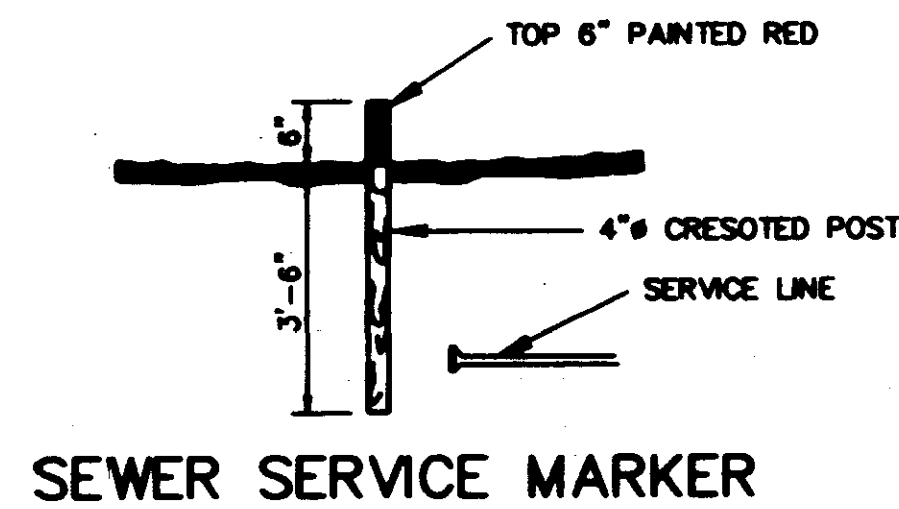
NOTE: ALL PROPOSED SAN. SEWER MAIN AND PROPOSED EASEMENTS ON THIS SHEET ARE IN FLOOD ZONE A2.



Record Drawing
DATE: FEBRUARY 1997

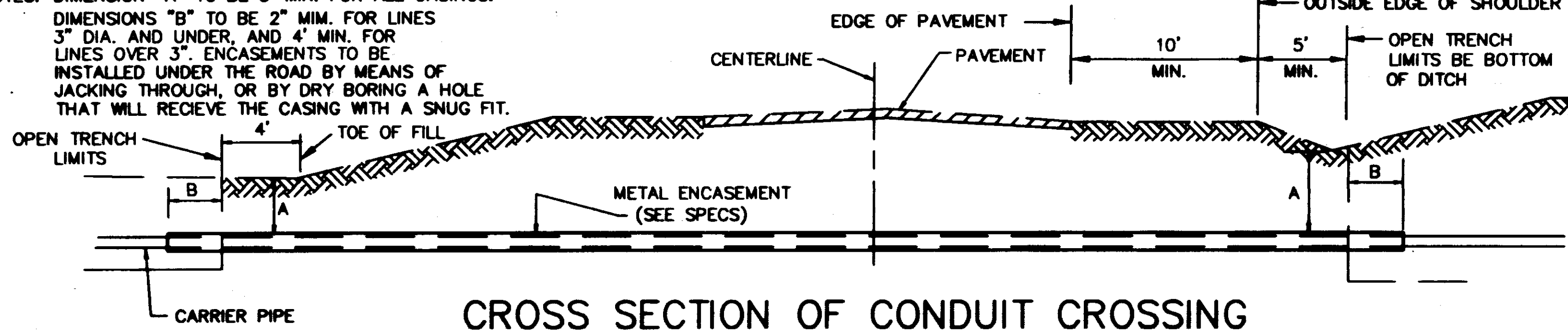


NO. DATE		RECORD DRAWING		DESIGNED R.C.		DATE 12-92		WAGONER ENGINEERING INC. CONSULTING ENGINEERS JACKSON, MISSISSIPPI		PURPLE CREEK INTERCEPTOR PHASE II COMPLETION		ACAD PATH ROUTE C:\V\80000\720	
1 2/97		CHANGE CASING LENGTH AND FORCE MAIN TERMINATION FLOW LINE		C.S.		DRAWN R.C.		SCALE 1"=60' HORIZ. 1"=8' VERT.		W.E.L. JOB NO. 82-088		SHEET NO. 18 OF 18	
		NEVENS		BY									

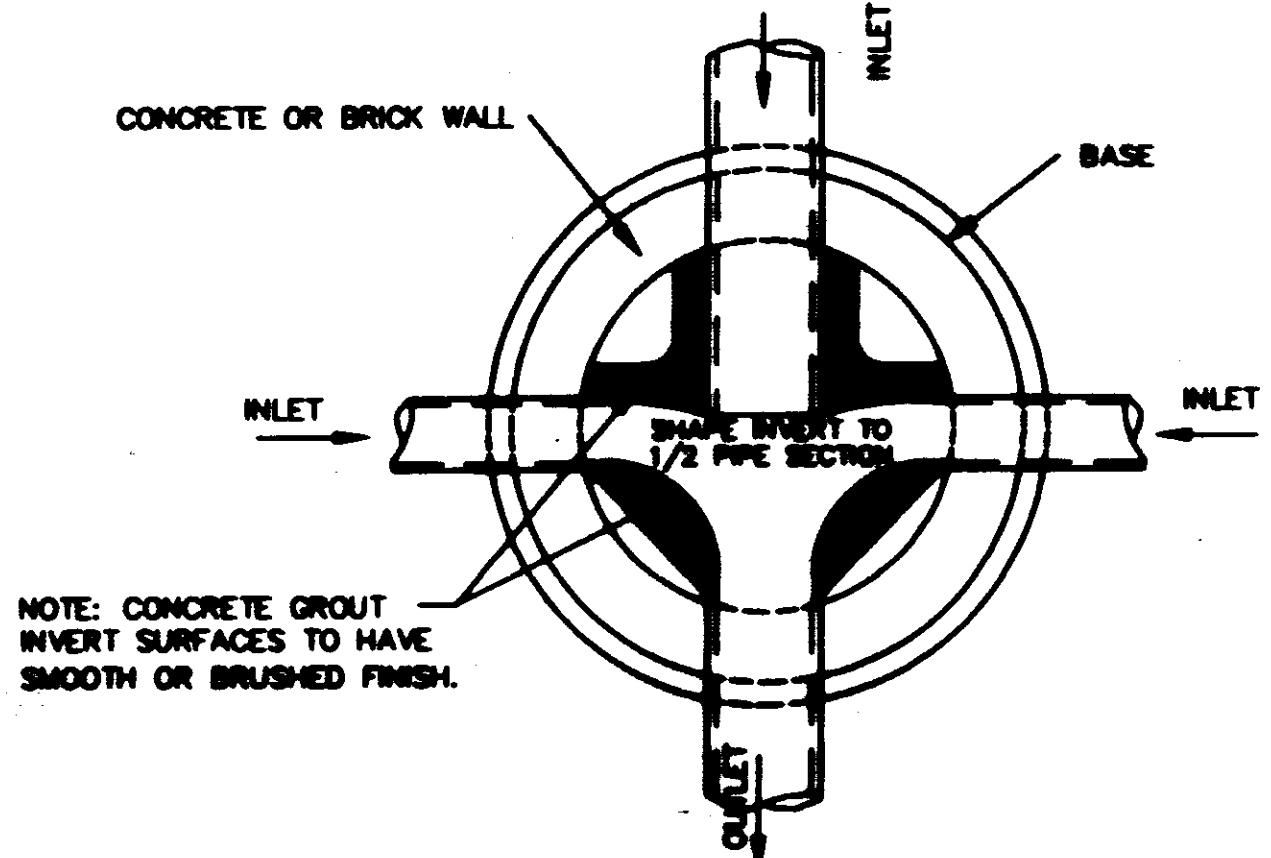


SEWER SERVICE MARKER

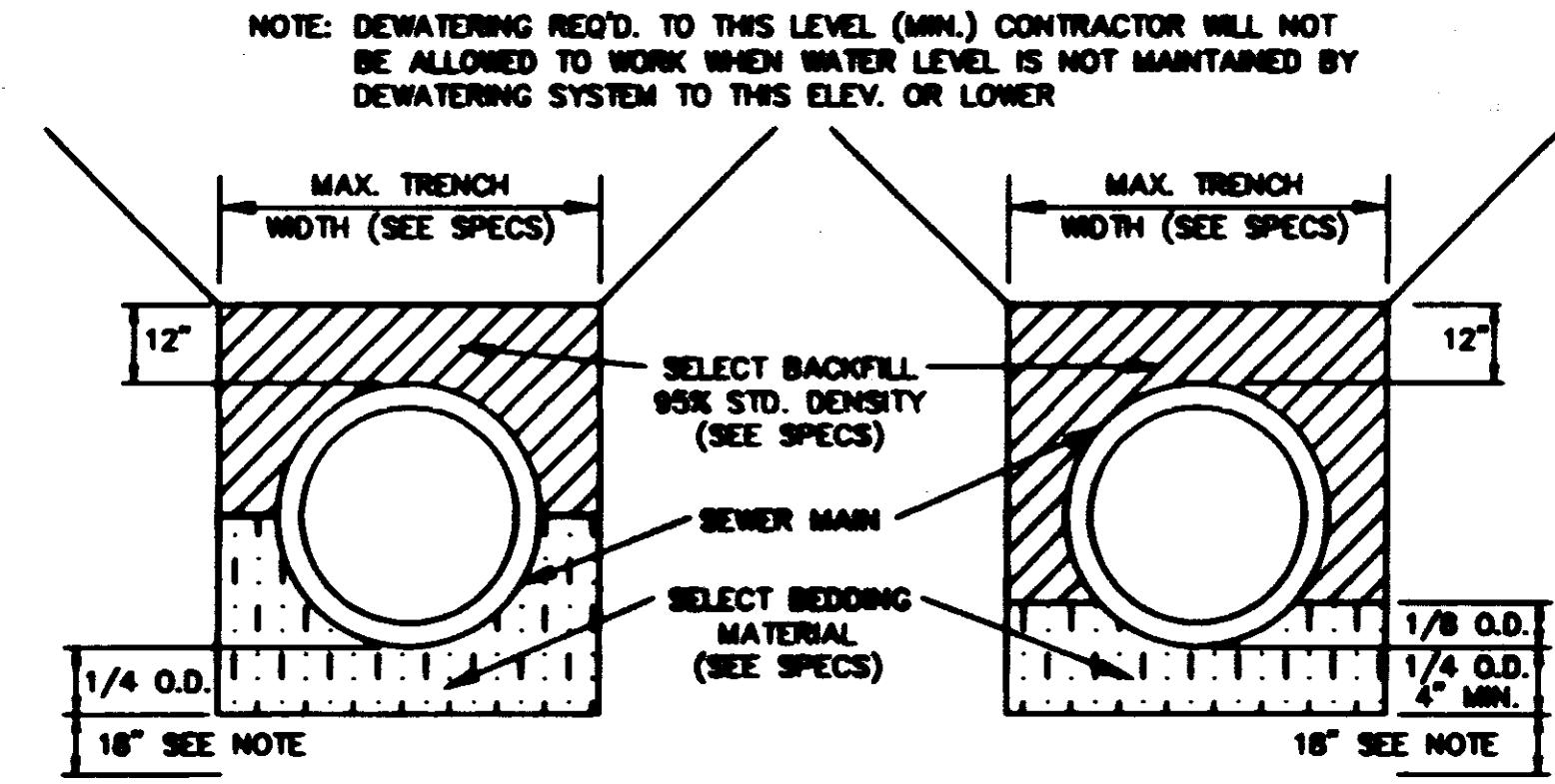
NOTES: DIMENSION "A" TO BE 3" MIN. FOR ALL CASINGS. DIMENSIONS "B" TO BE 2" MIN. FOR LINES 3" DIA. AND UNDER, AND 4" MIN. FOR LINES OVER 3". ENCASMENTS TO BE INSTALLED UNDER THE ROAD BY MEANS OF JACKING THROUGH, OR BY DRY BORING A HOLE THAT WILL RECIEVE THE CASING WITH A SNUG FIT.



CROSS SECTION OF CONDUIT CROSSING

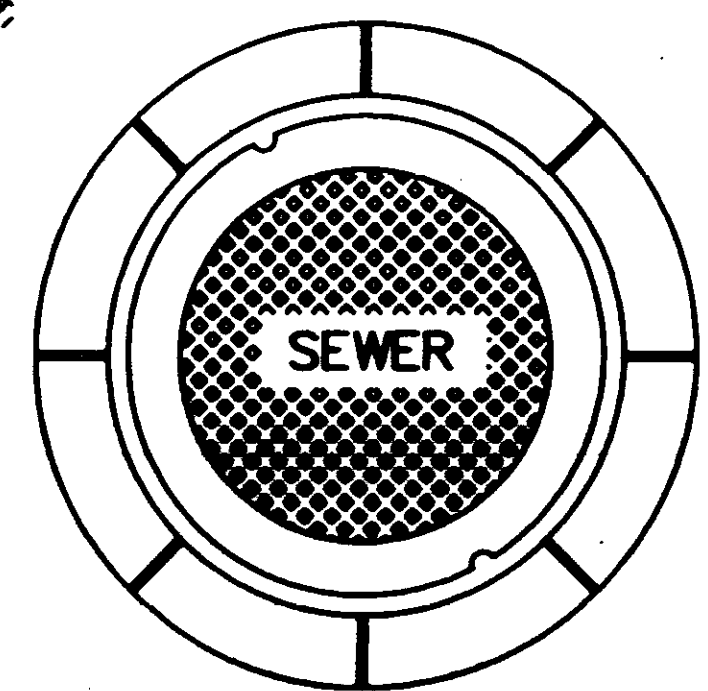


PLAN OF MANHOLE FLOW CHANNELS

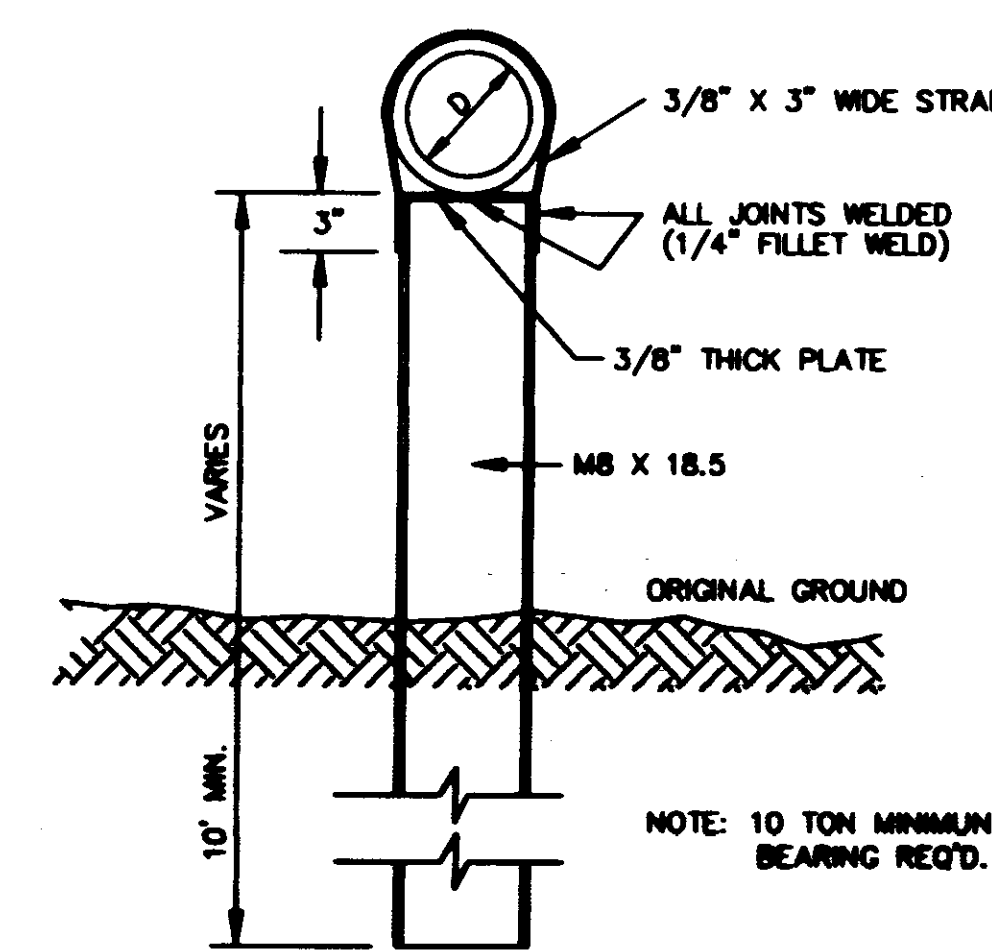


TYPICAL SECTION CLASS "B" BEDDING

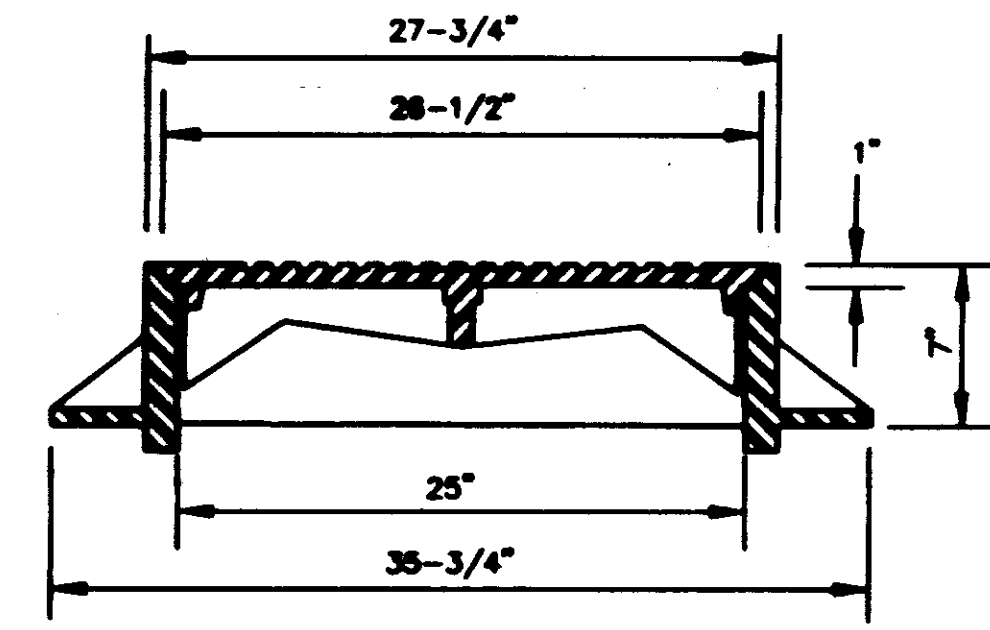
TYPICAL SECTION CLASS "C" BEDDING



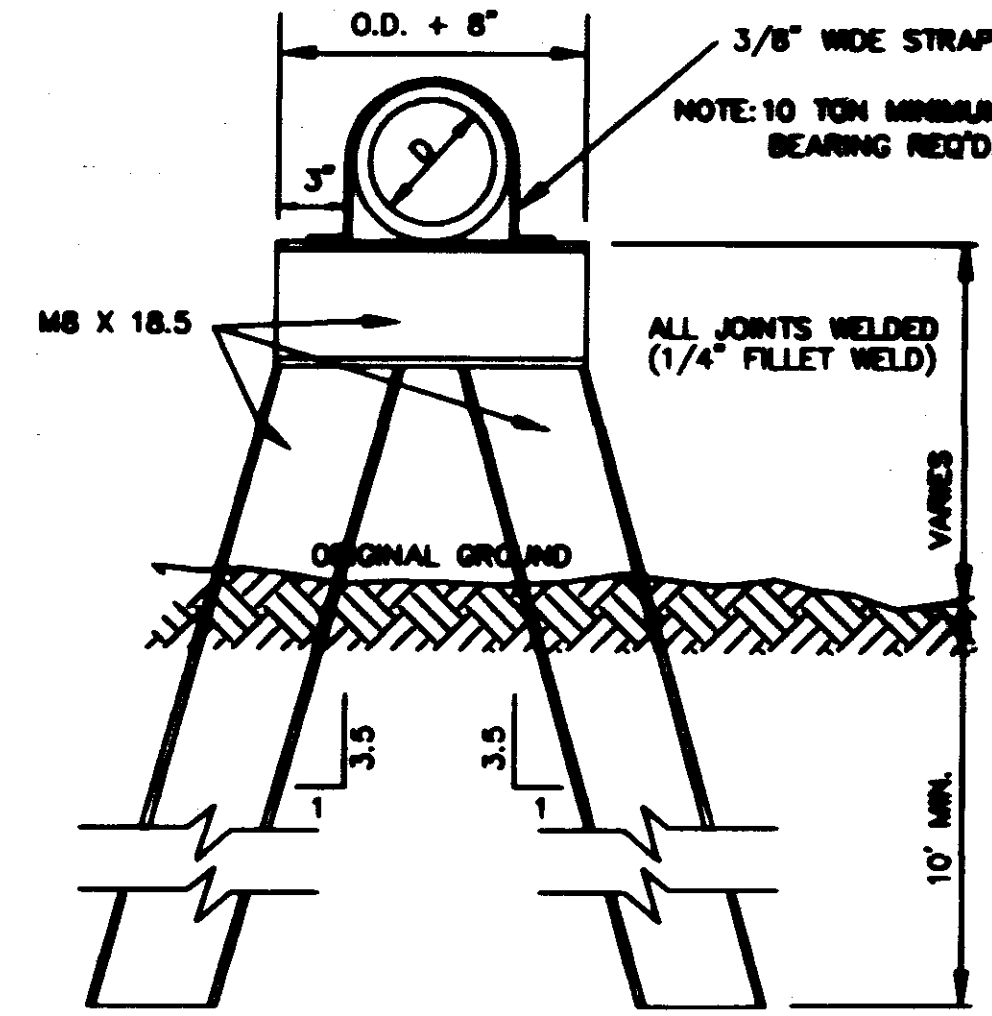
PLAN MANHOLE CASTING



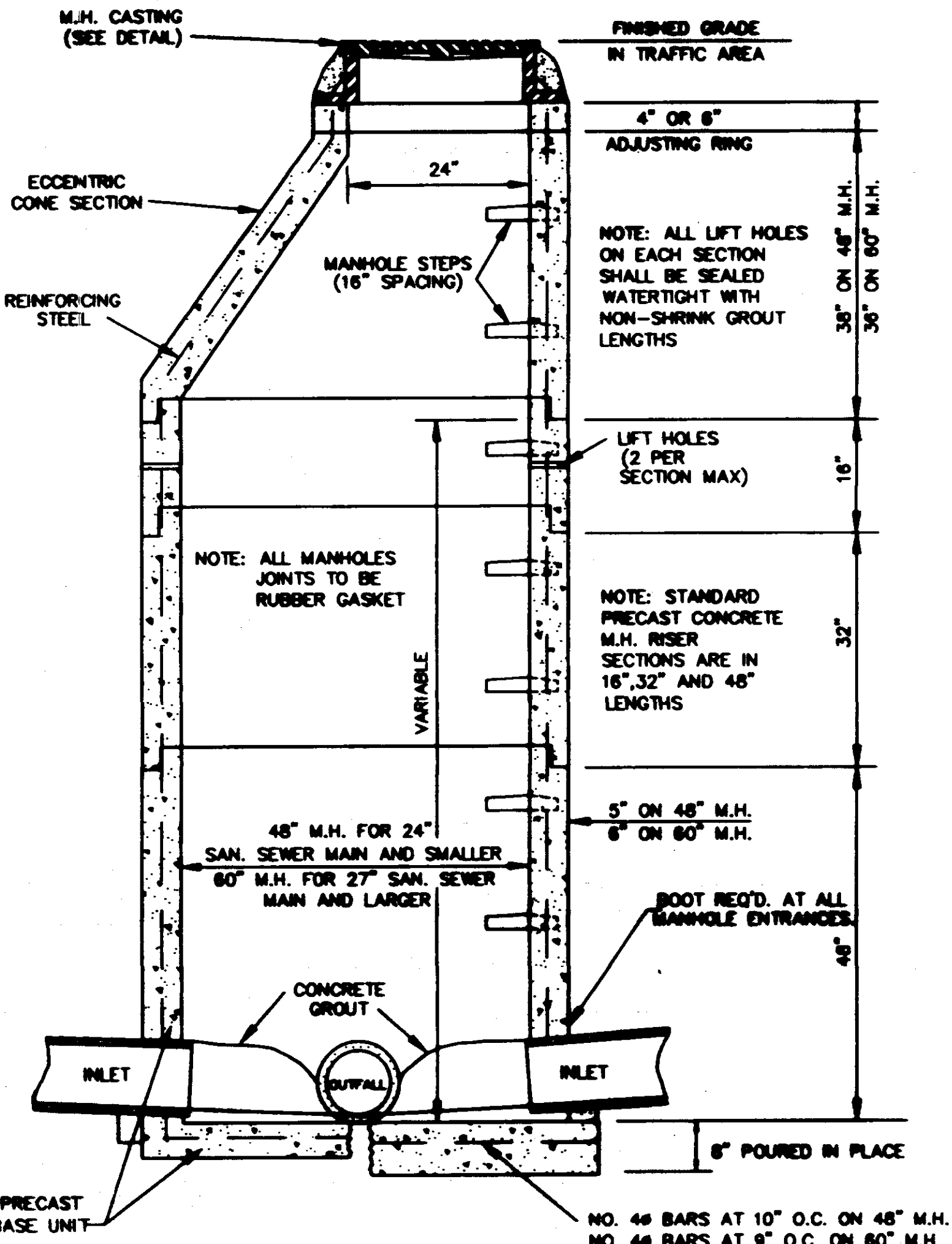
DETAIL TYPE "A" PIER



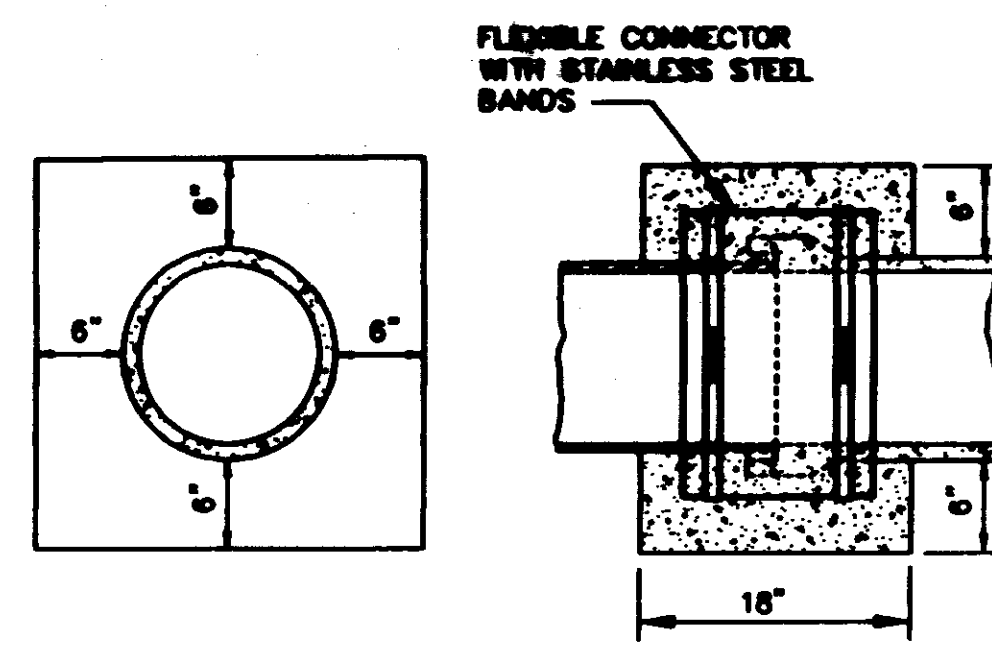
SECTION TYPE "A" MANHOLE CASTING



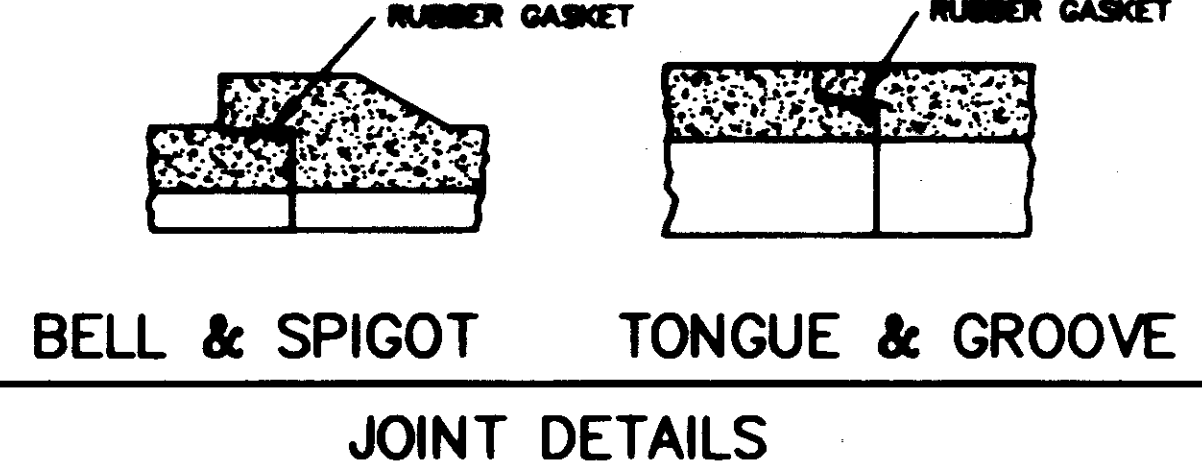
DETAIL TYPE "B" PIER



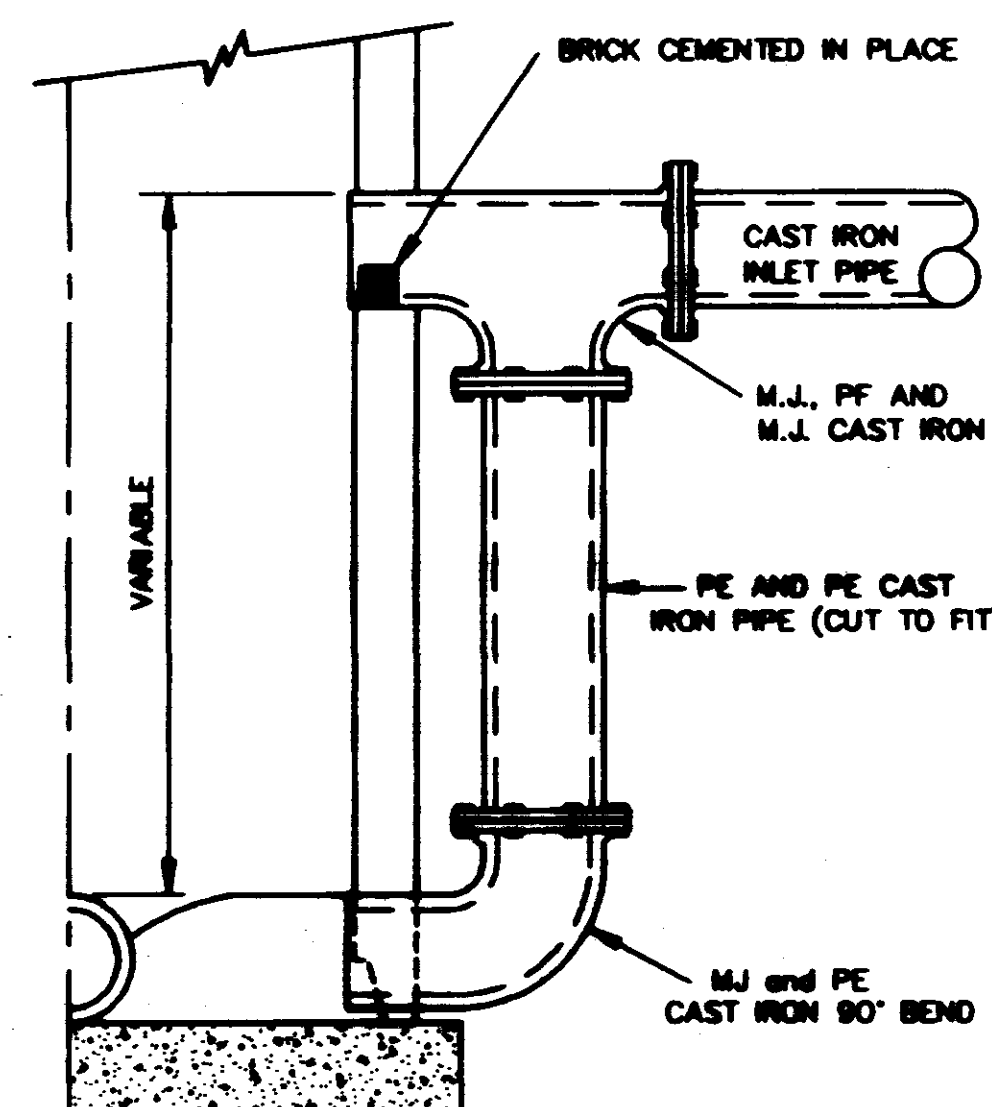
SECTION PRECAST CONCRETE MANHOLE



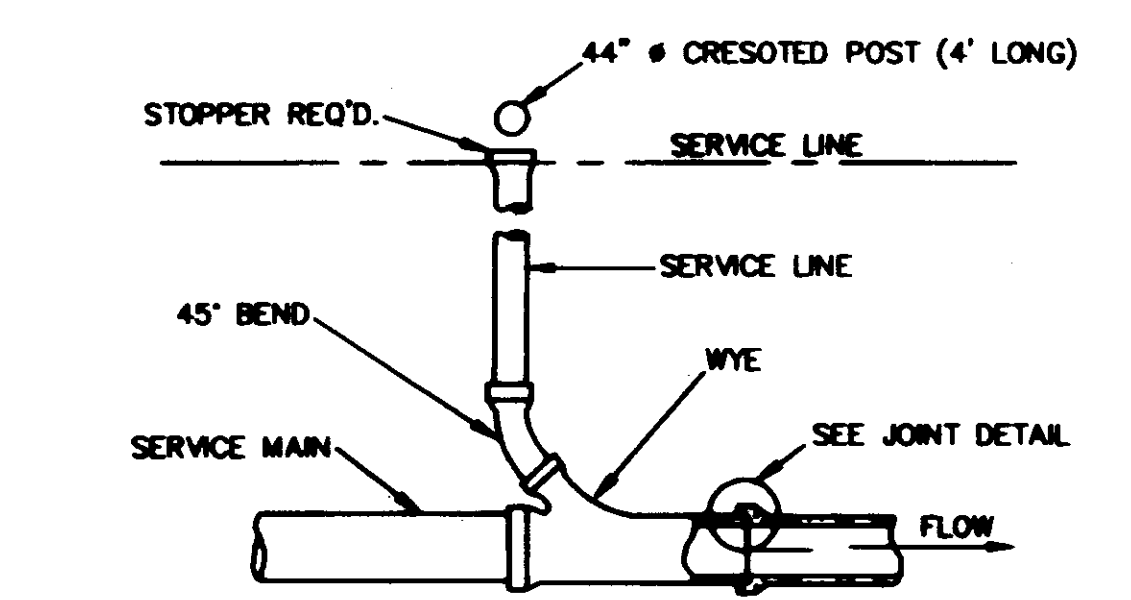
ELEVATION SECTION CONCRETE COLLAR DETAILS



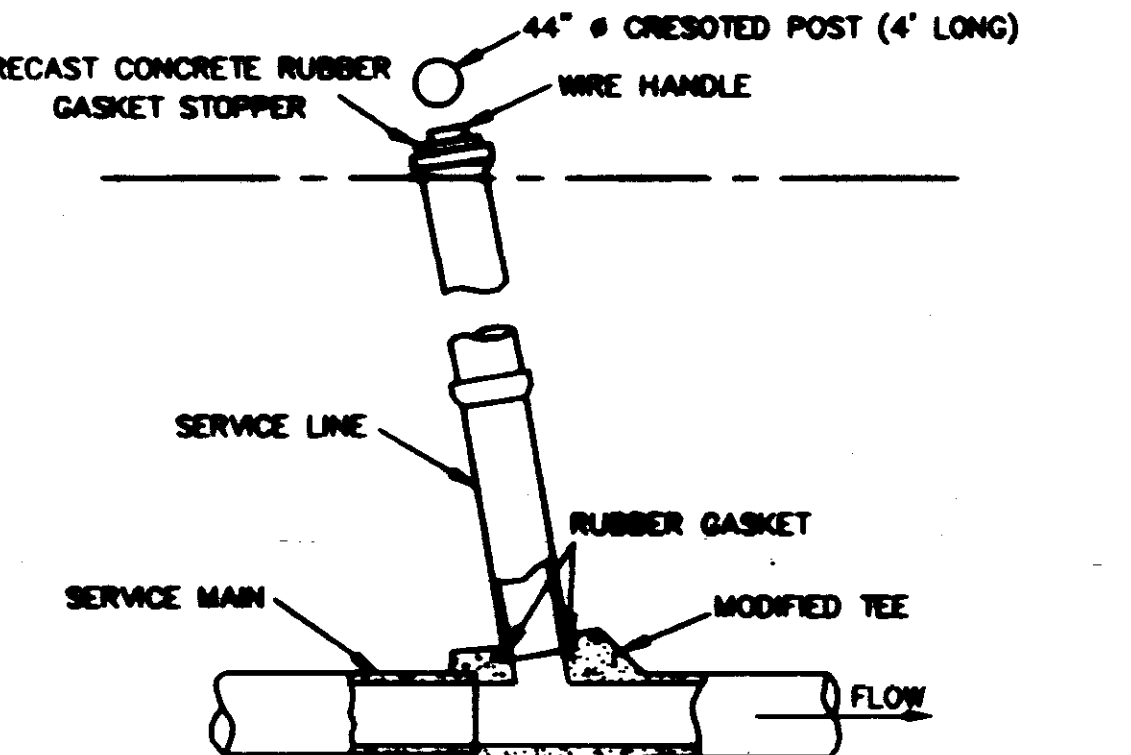
BELL & SPIGOT TONGUE & GROOVE JOINT DETAILS



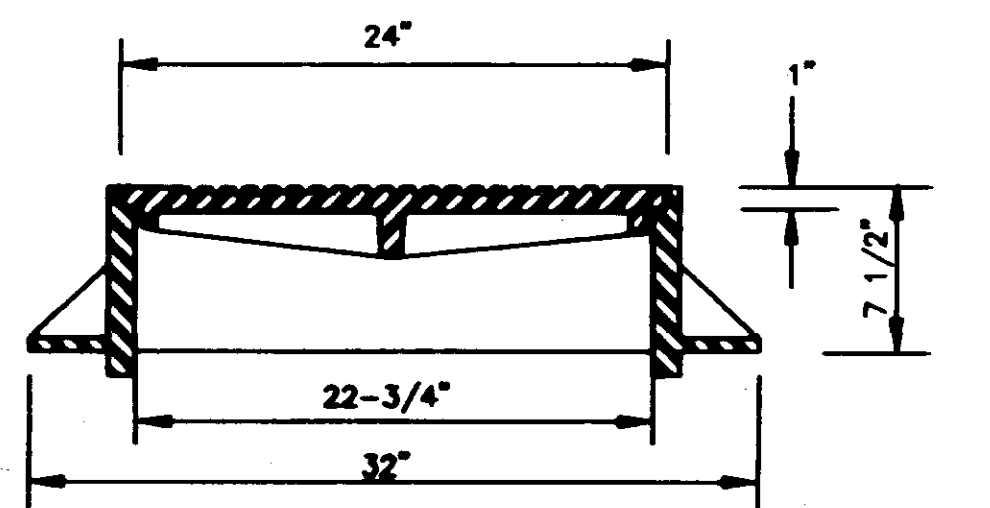
HALF SECTION MANHOLE WITH DROP SECTION



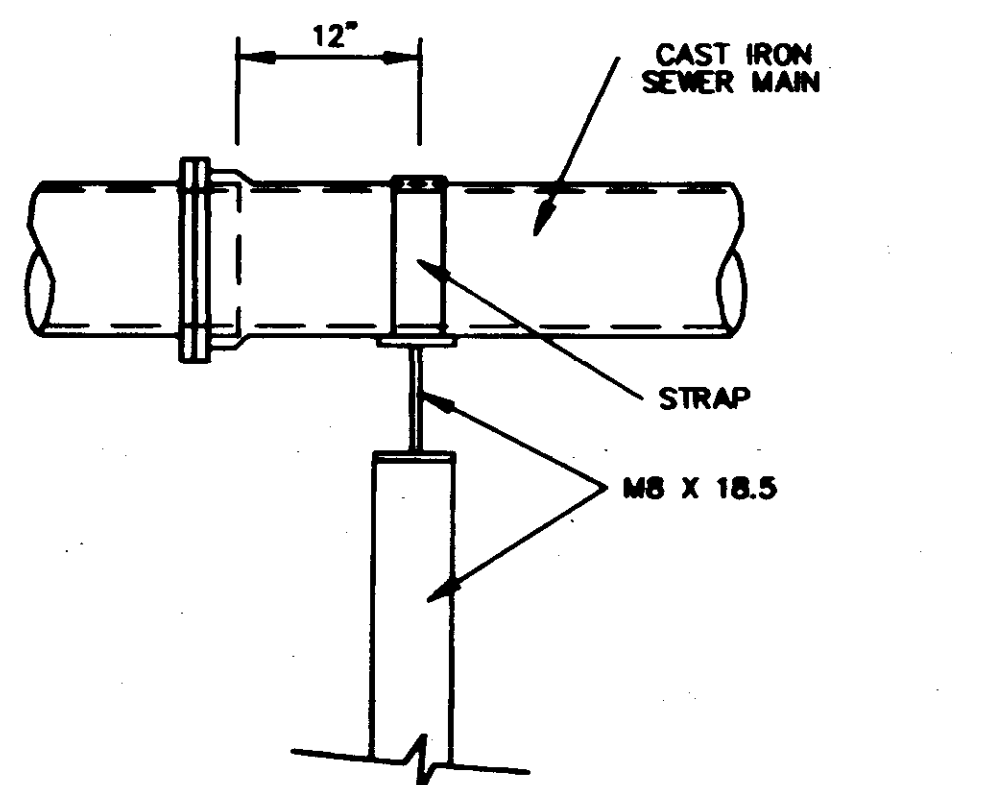
TYPICAL SERVICE TO PROPERTY LINE WITH WYE JOINT



TYPICAL SERVICE TO PROPERTY LINE WITH MODIFIED TEE JOINT



SECTION TYPE "B" MANHOLE CASTING



SIDE ELEVATION TYPE "B" PIER

C:\PROGRAMS\BENTON\New\0111\0111.dwg 08/28/08 10:00 AM DESIGNED BY: MCDONALD/CORP/MSD/CPS 11/16/08/2/0111.dwg 4.2 Ver 2.0 - by Nelslett-Peckham

Record Drawing
DATE: JANUARY 1997
9/4/95

REVIEWED 8-11-98		
CITY OF RIDGELAND, MISSISSIPPI		
SANITARY SEWER - STANDARD DETAILS		
PURPLE CREEK INTERCEPTOR		
WASSON ENGINEERING, INC. Consulting Engineers - Jackson, Mississippi		
DESIGNED BY: C.R.H.	DATE: JULY-1998	SHEET NUMBER
DRAWN BY: B.L.H.	CHECK: H.T.S.	18 OF 19