

LEARJET, INC. WICHITA, KANSAS LEARJET STORM DRAINAGE IMPROVEMENTS

WCEA FILE NO.: 93-324
FEBRUARY 1994

CITY OF WICHITA PRIVATE PROJECT NO. 45OPPS

INDEX CODE: 607861

GENERAL NOTES

1. CONTRACTOR IS TO NOTIFY ALL UTILITY OWNERS, INCLUDING LEARJET INC., 5 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION.
2. ALL UTILITY LINES IN CONFLICT WITH THIS PROJECT ARE TO BE RELOCATED AS NECESSARY BY THE UTILITIES OWNER PRIOR TO CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WHICH DO NOT CONFLICT WITH THE PROPOSED CONSTRUCTION.
3. DUE TO THE DENSITY OF EXISTING UTILITIES, CONTRACTOR IS REQUIRED TO USE EXTREME CAUTION DURING CONSTRUCTION ESPECIALLY WHEN EXCAVATING AND TRENCHING.
4. MAINTAIN SUFFICIENT DRAINAGE THROUGHOUT PROJECT AREA DURING AND AFTER CONSTRUCTION.
5. THIS PROJECT IS TO BE CONSTRUCTED CONCURRENTLY WITH A BUILDING PROJECT. CONTRACTOR IS TO COORDINATE WITH "OWNER" AND BUILDING CONTRACTOR WHEN CONSTRUCTING PORTIONS OF THE STORM SEWER IN THE VICINITY OF THE PROPOSED BUILDING.
6. CONTRACTOR IS TO REMOVE TREES AND SHRUBS WITHIN THE BANKS OF THE PROPOSED OPEN CHANNEL.
7. CONSTRUCTION ACTIVITY ALONG THE OPEN CHANNEL PORTION OF THE PROJECT IS PROHIBITED WITHIN TWO FEET OF THE EXISTING FENCE, WHERE A 4:1 CHANNEL SLOPE CANNOT BE OBTAINED DUE TO THE FENCE, THE CATCH POINT OF THE SLOPE IS TO TERMINATE TWO FEET AWAY FROM THE FENCE.

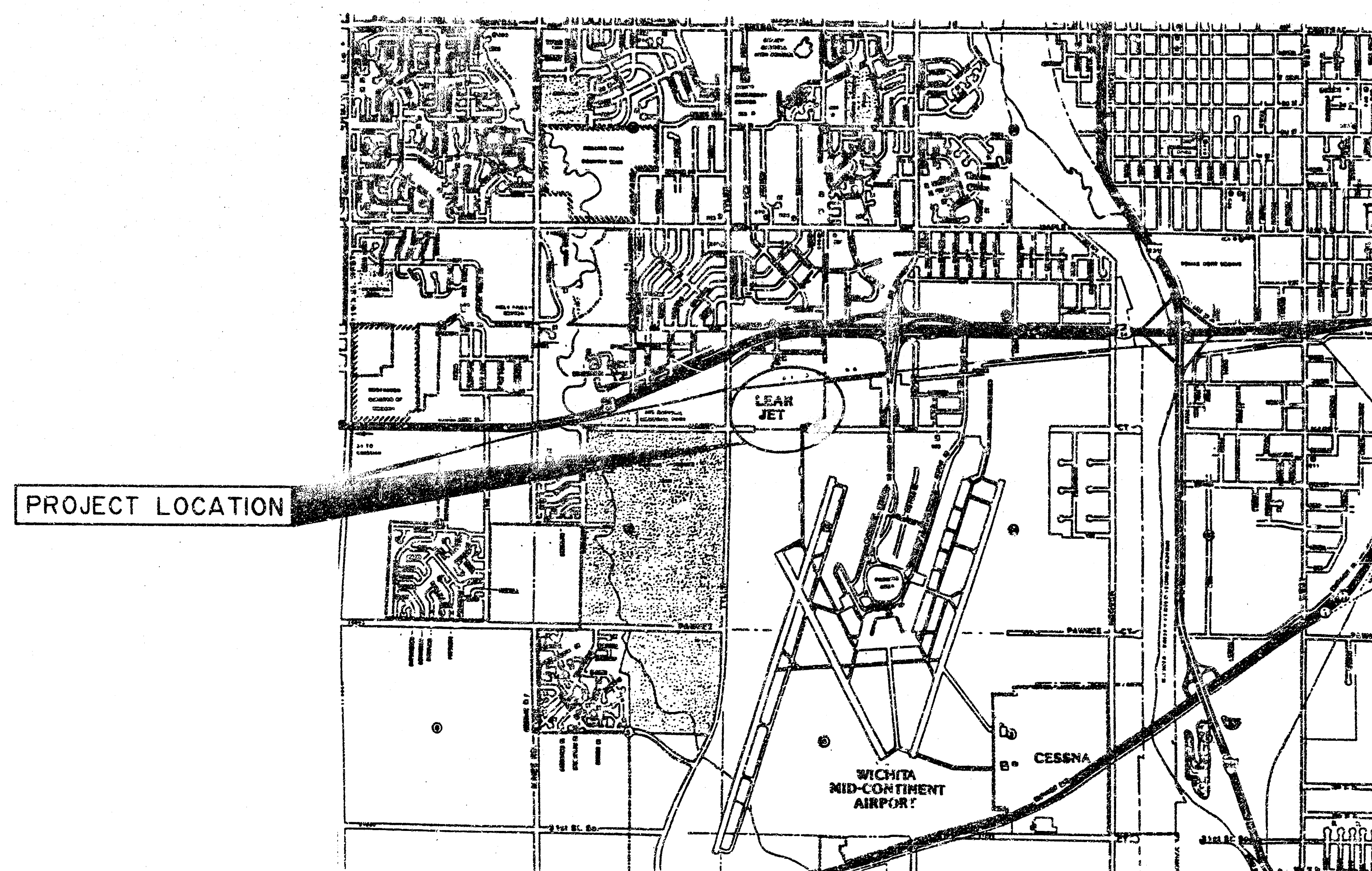
APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers URH 3/7/94
Driveway Approaches _____
Water Mains _____
Paving _____

Note to Contractor:

The City Engineer of Wichita recommends that inspection and testing for this project is to be provided by a licensed consulting engineering firm under contract with the OWNER. It is also recommended that said inspection be in accordance with the City of Wichita standard construction engineering practices and certified by a licensed professional engineer.

OWNER IS RESPONSIBLE FOR DELIVERING TO THE CITY OF WICHITA
ONE SET OF AS BUILT REPRODUCIBLE PLANS



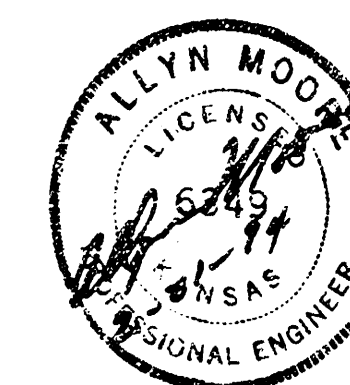
LOCATION MAP

LEGEND

BENCH MARK	+
T.B.M.	+
SAN SEWER	---
WATER	---
GAS	---
TELEPHONE	---
CULVERT	---
REMOVE AND REPLACE	---
DRAINAGE CHANNEL	---
PROPOSED AREA INLET	•
EXIST. LIGHT POLE	×
CONSTRUCTION LIMITS OF OPEN CHANNEL	---
TREE	+
REMOVE	×

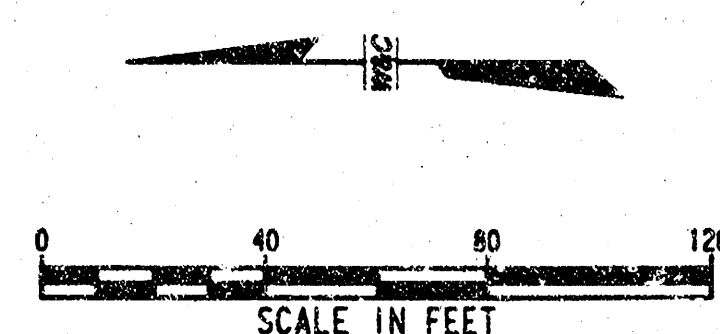
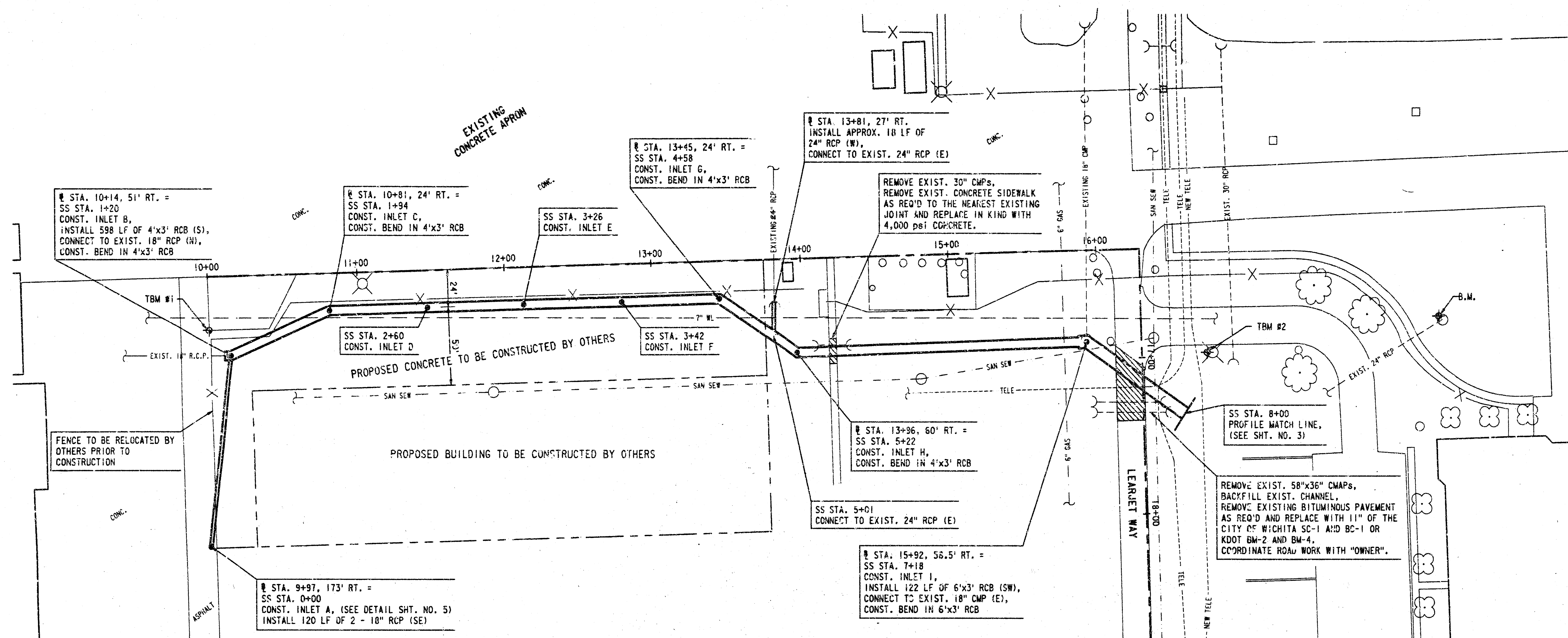
INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	PLAN AND PROFILE
3	PLAN AND PROFILE
4	PLAN AND PROFILE
5	DETAILS
6	CROSS SECTIONS



MAR 7 1994

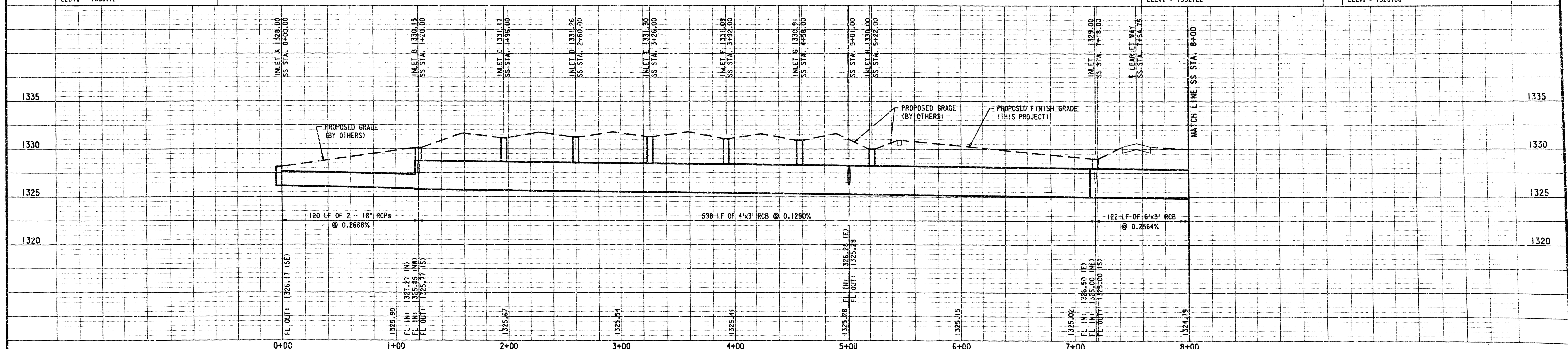
**WILSON
& COMPANY**



TBM #1: CHISELED "□" ON CONCRETE APRON.
ELEV. = 1330.72

TBM #2: CHISELED "□" ON CONCRETE FOUNDATION
OF LIGHT POLE.
ELEV. = 1332.22

BENCH MARK: CHISELED "□" IN NE CORNER OF
CONCRETE POND NEAR AREA INLET
BY NE CORNER OF THE "CUSTOMER
SERVICE BUILDING."
ELEV. = 1328.86



REVISIONS			DATE			BY			REVISIONS			DATE			BY		

WICHITA, KANSAS
LEARJET INC.
LEARJET STORM DRAINAGE IMPROVEMENTS
PLAN AND PROFILE

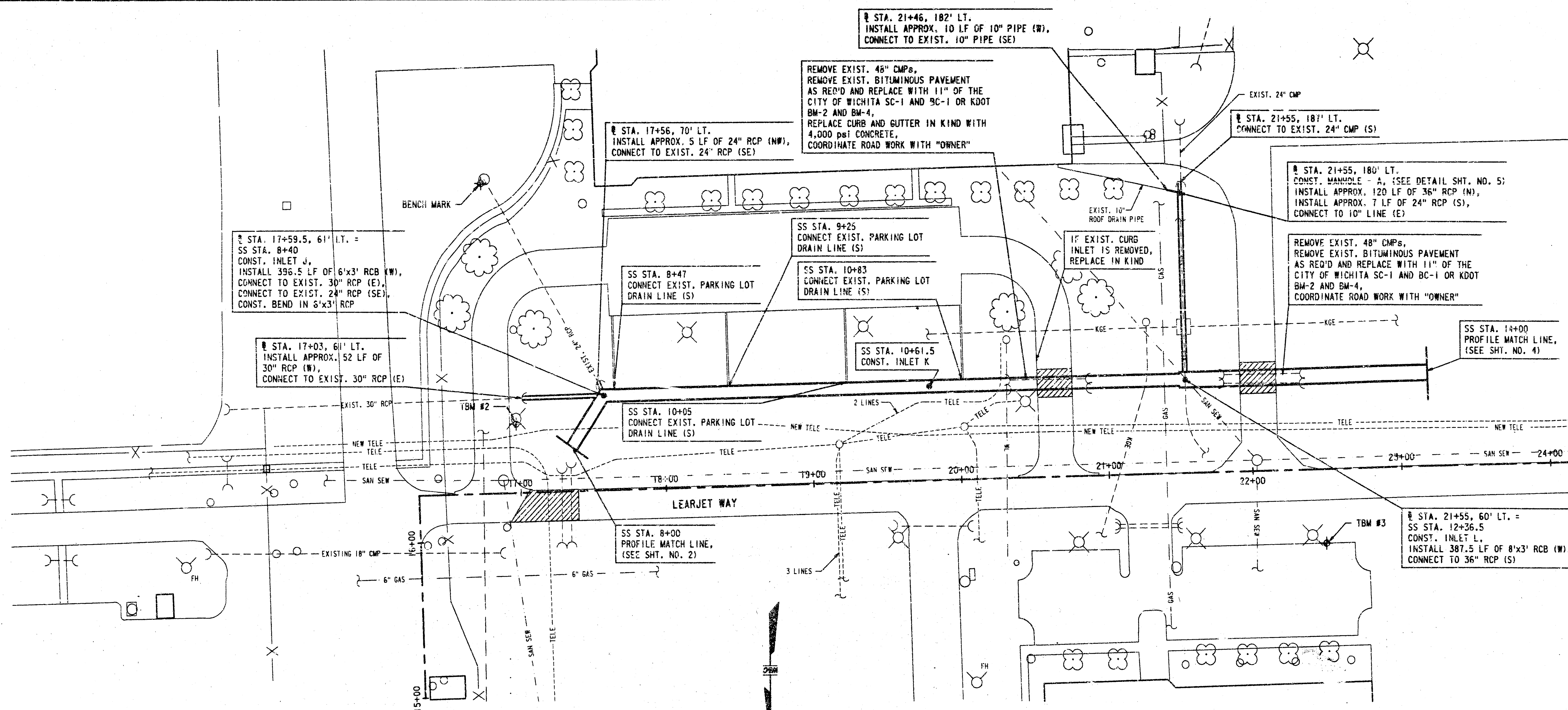
MAR 7 1994

SCALE
1" = 40' HORIZ.
1" = 5' VERT.

DESIGN JRA
CHECKED TAM
DRAWN JJU
APPROVED TAM

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& COMPANY
WICHITA - KANSAS

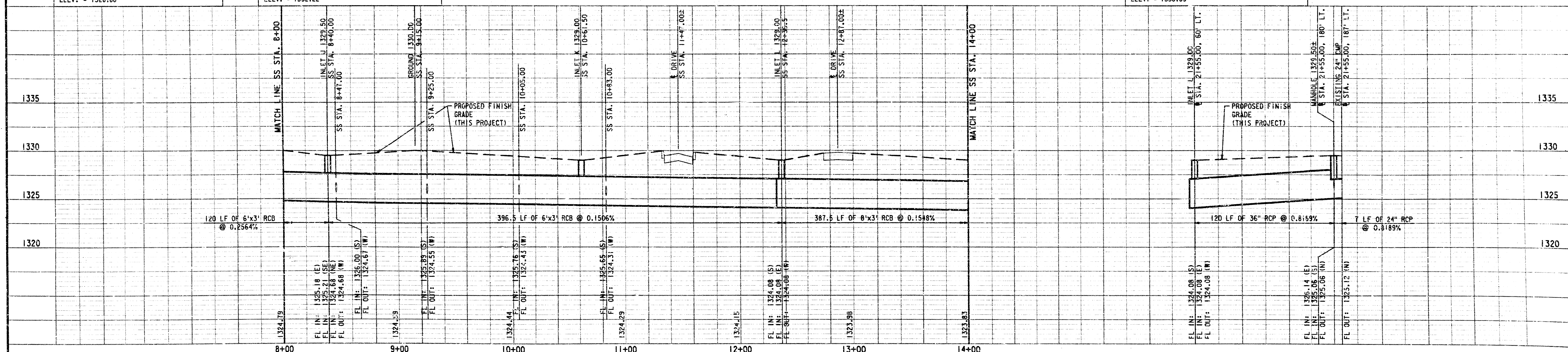
DATE
FEBRUARY 1994
FILE NO.
93-324
SHEET
2 of 6



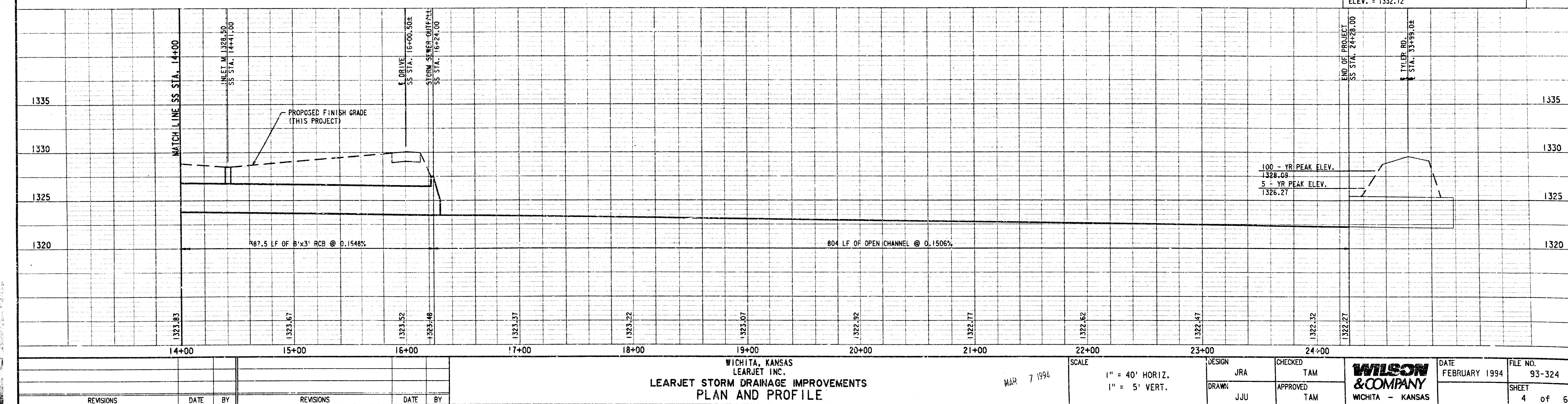
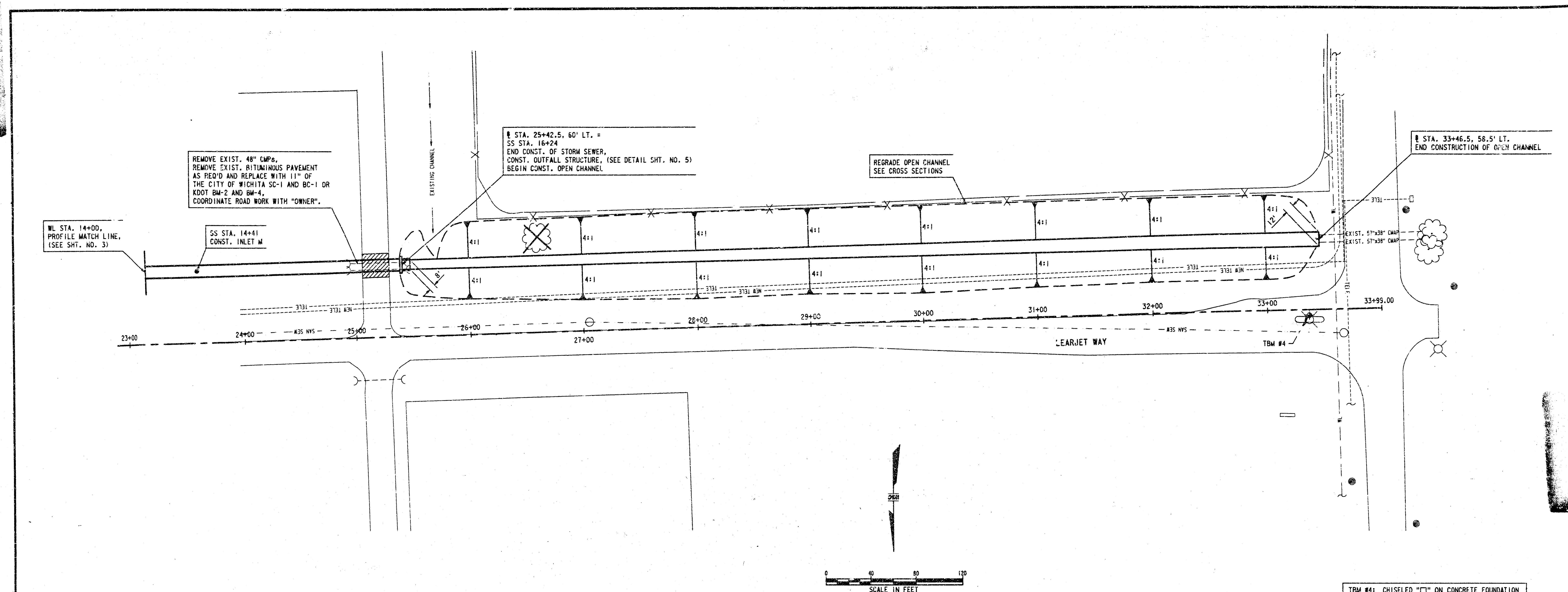
BENCH MARK: CHISELED "C" IN NE CORNER OF CONCRETE POND NEAR AREA INLET BY NE CORNER OF THE "CUSTOMER SERVICE BUILDING."
ELEV. = 1326.86

TBM #2: CHISELED "C" ON CONCRETE FOUNDATION OF LIGHT POLE.
ELEV. = 1332.22

TBM #3: CHISELED "C" ON CURB OF PARKING LOT BY THE "BUSINESS SERVICE BUILDING."
ELEV. = 1330.69



REVISIONS DATE BY REVISIONS DATE BY				WICHITA, KANSAS LEARJET INC. LEARJET STORM DRAINAGE IMPROVEMENTS PLAN AND PROFILE				SCALE 1" = 40' HORIZ. 1" = 5' VERT.		DESIGN JRA CHECKED TAM DRAWN JJU APPROVED TAM		WILSON & COMPANY WICHITA - KANSAS		DATE FEBRUARY 1994 FILE NO. 93-324 SHEET 3 of 6	
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WICHITA, KANSAS
LEARJET INC.
LEARJET STORM DRAINAGE IMPROVEMENTS
PLAN AND PROFILE

MAH 7 1994

SCALE
1" = 40' HORIZ.
1" = 5' VERT.

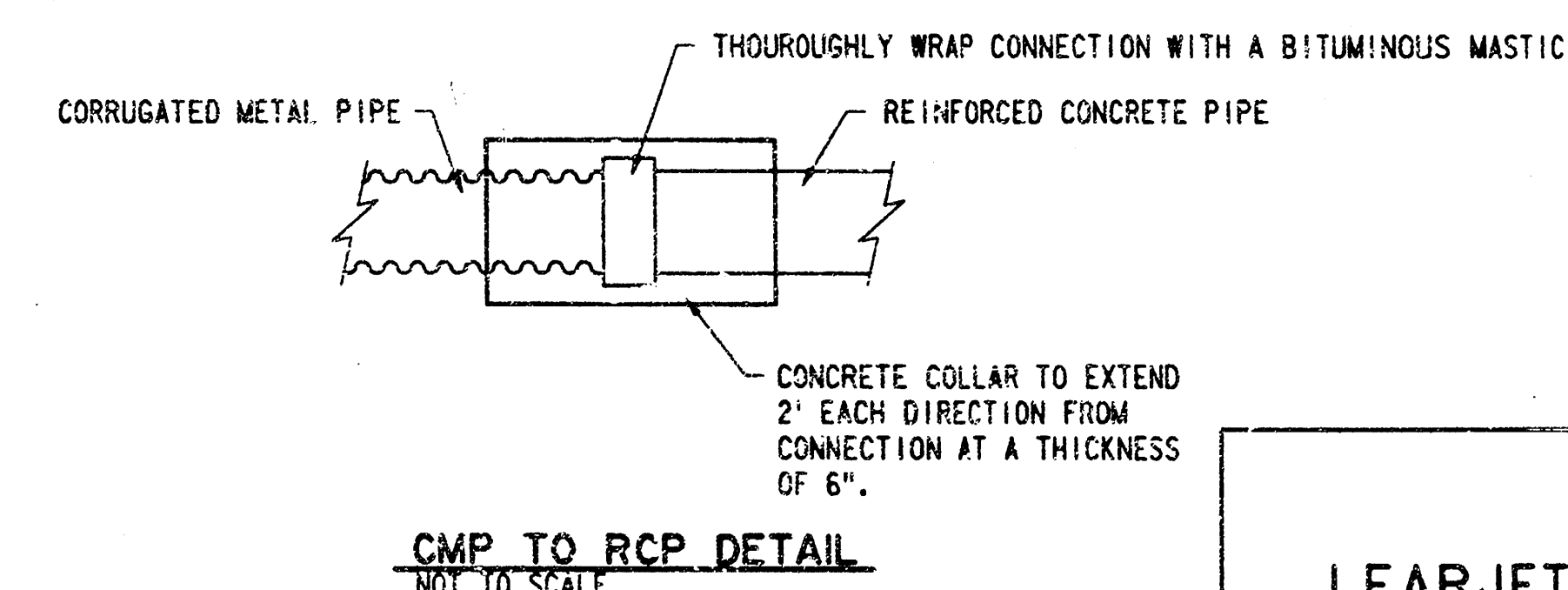
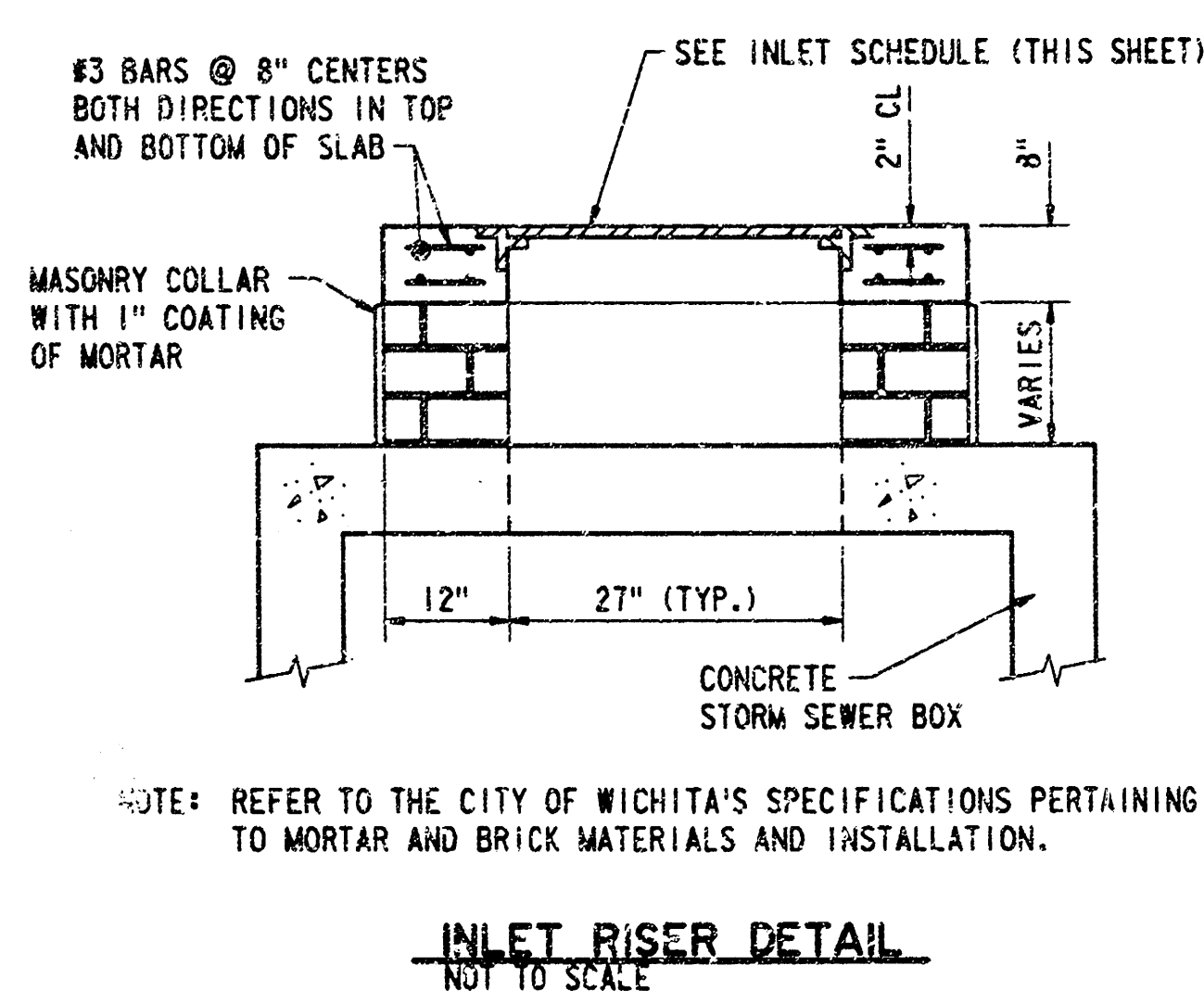
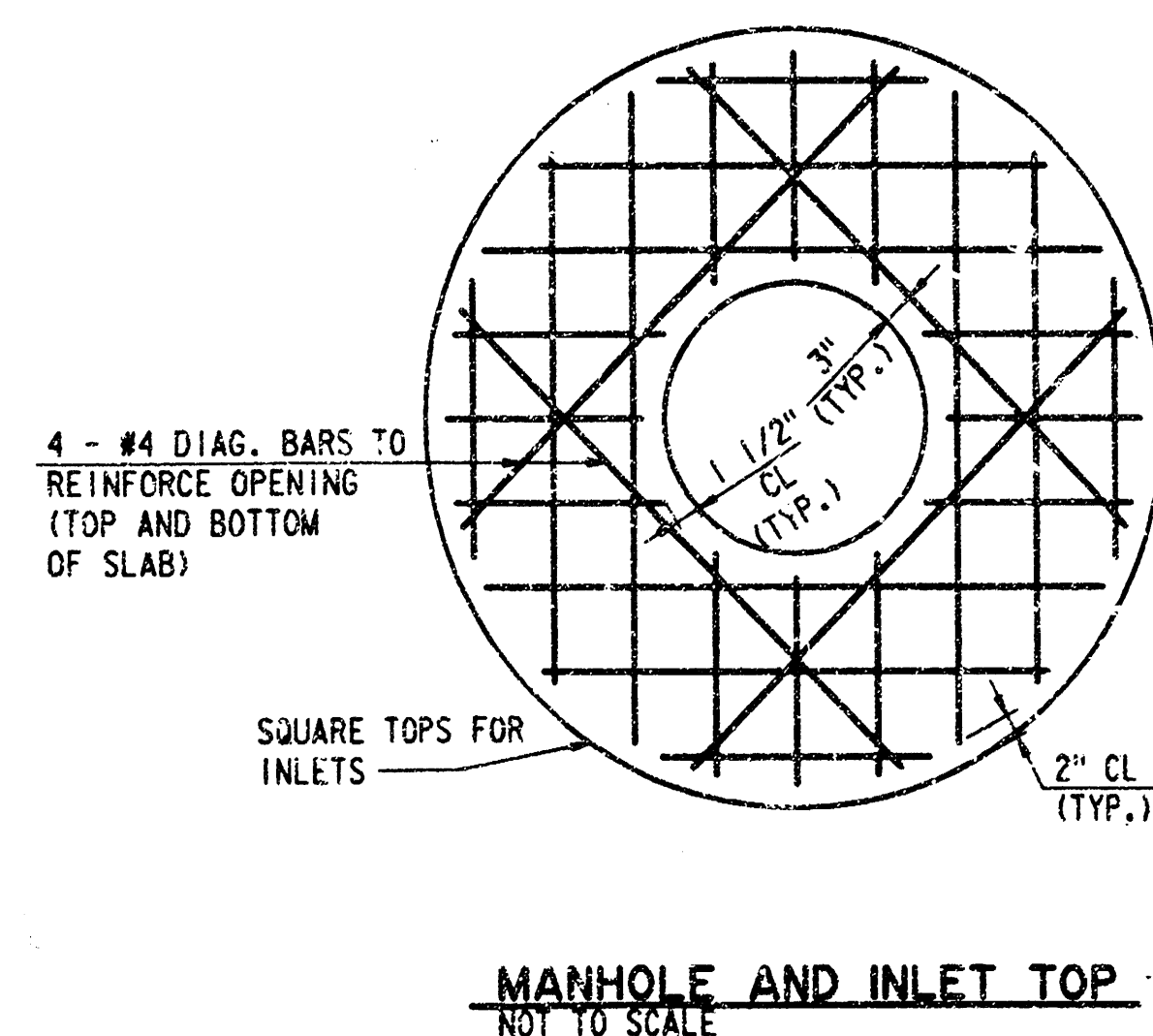
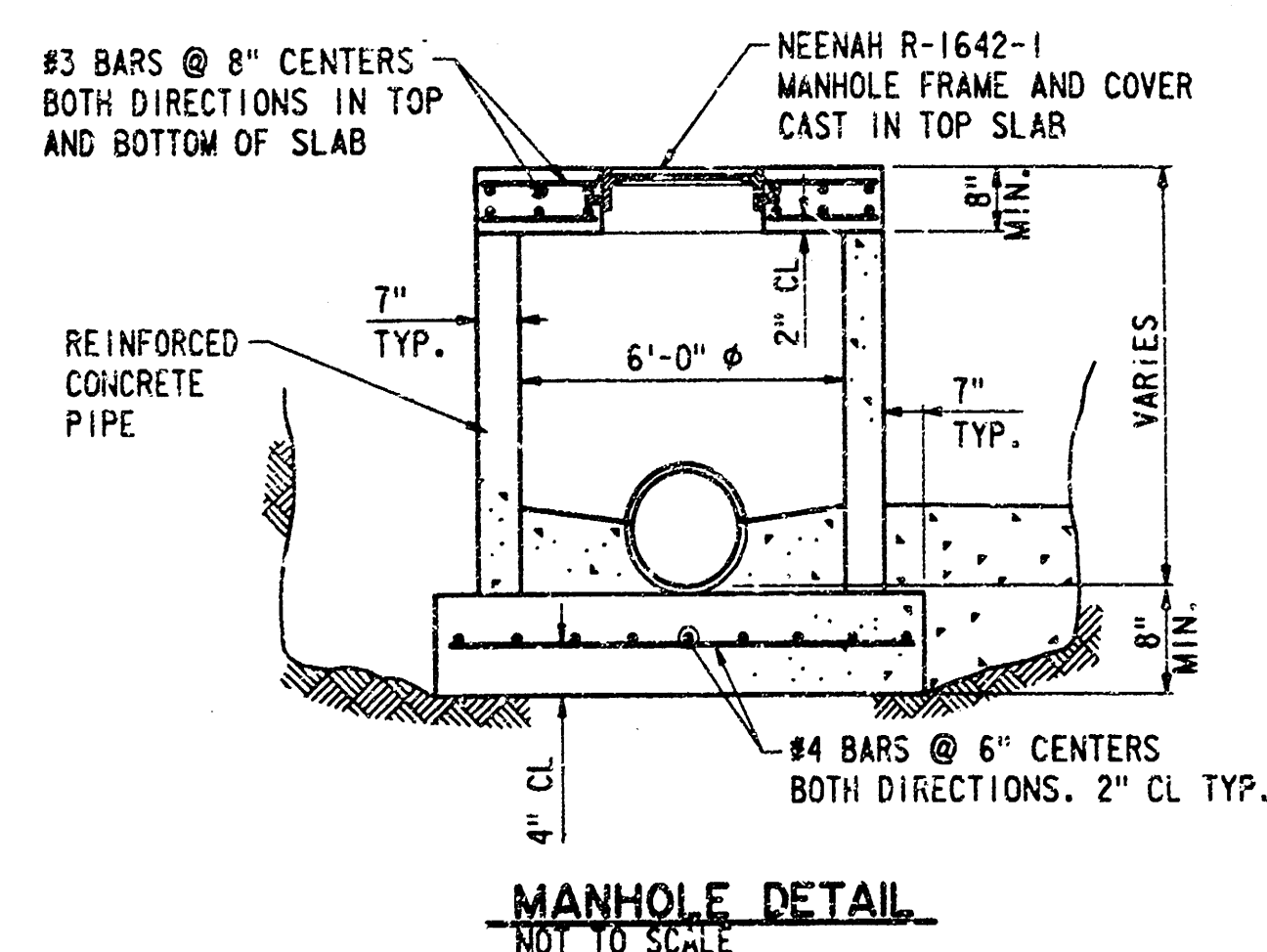
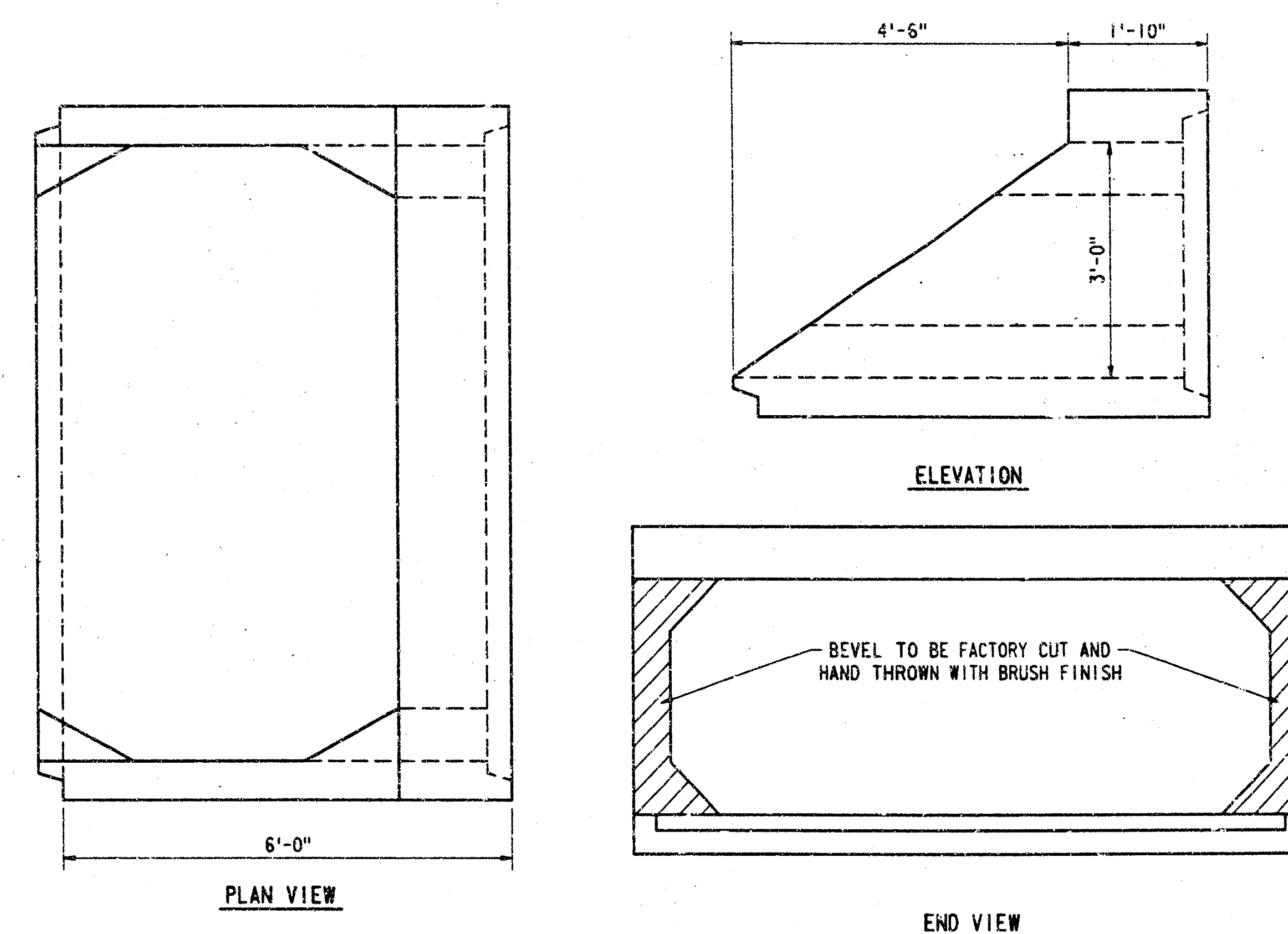
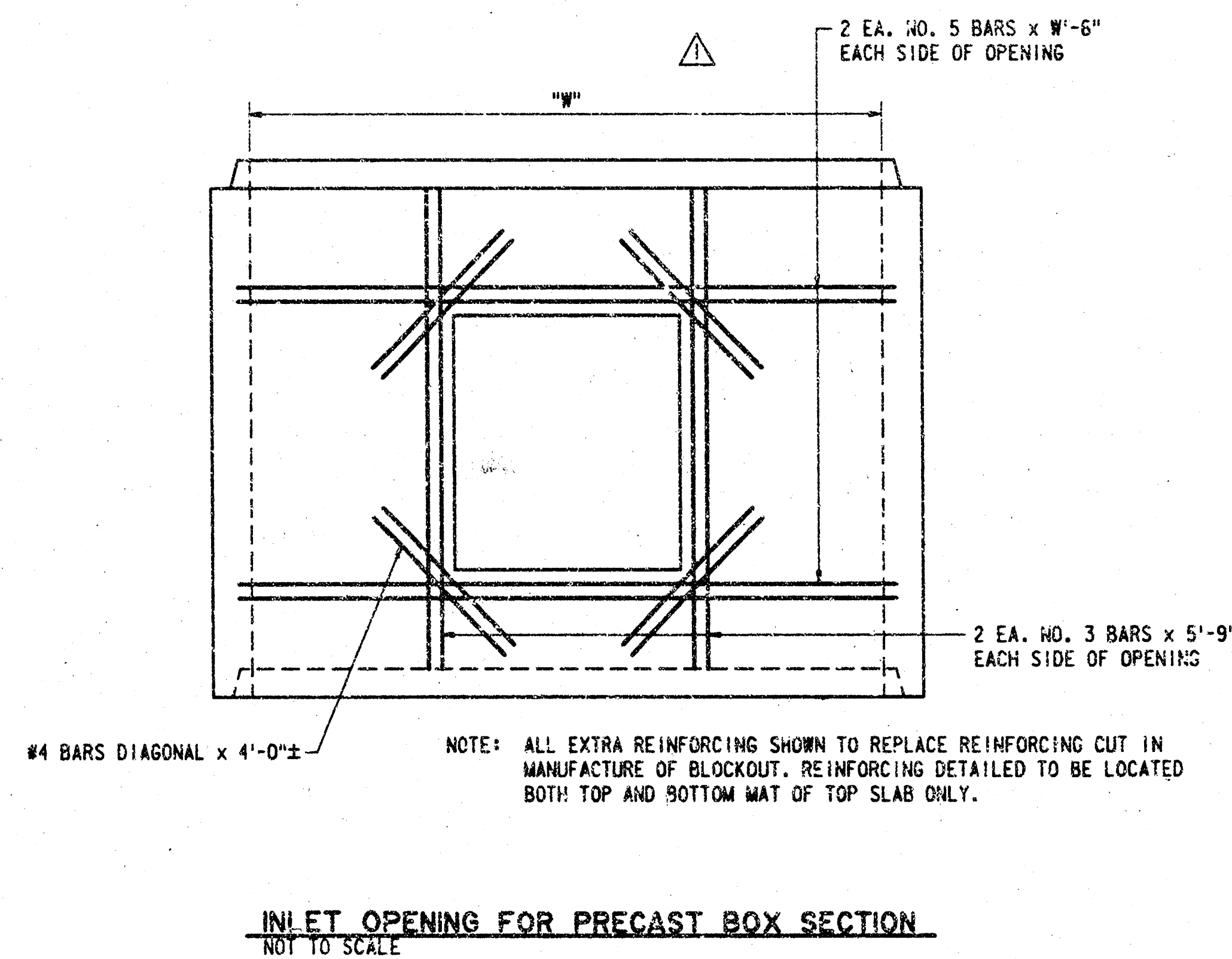
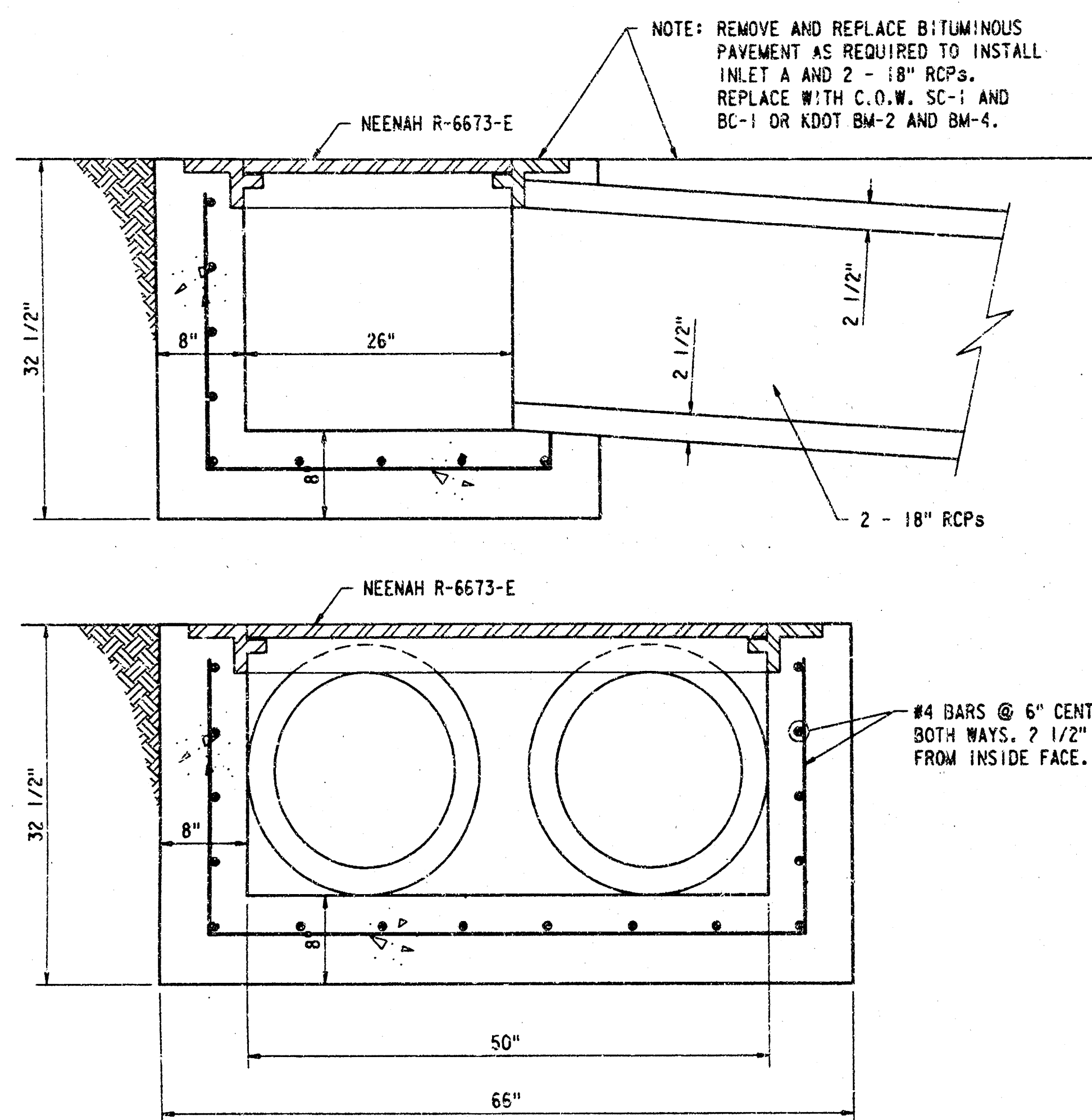
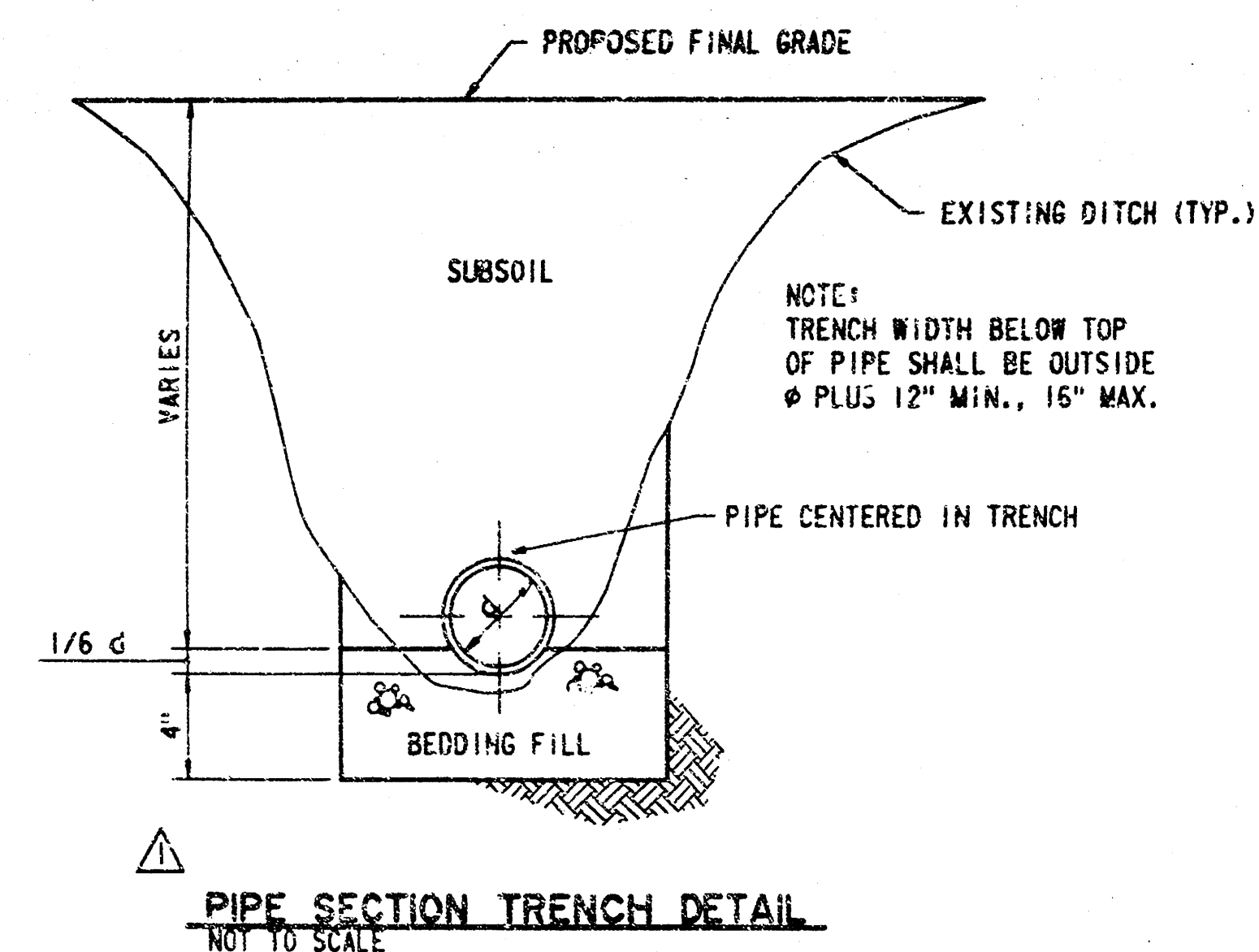
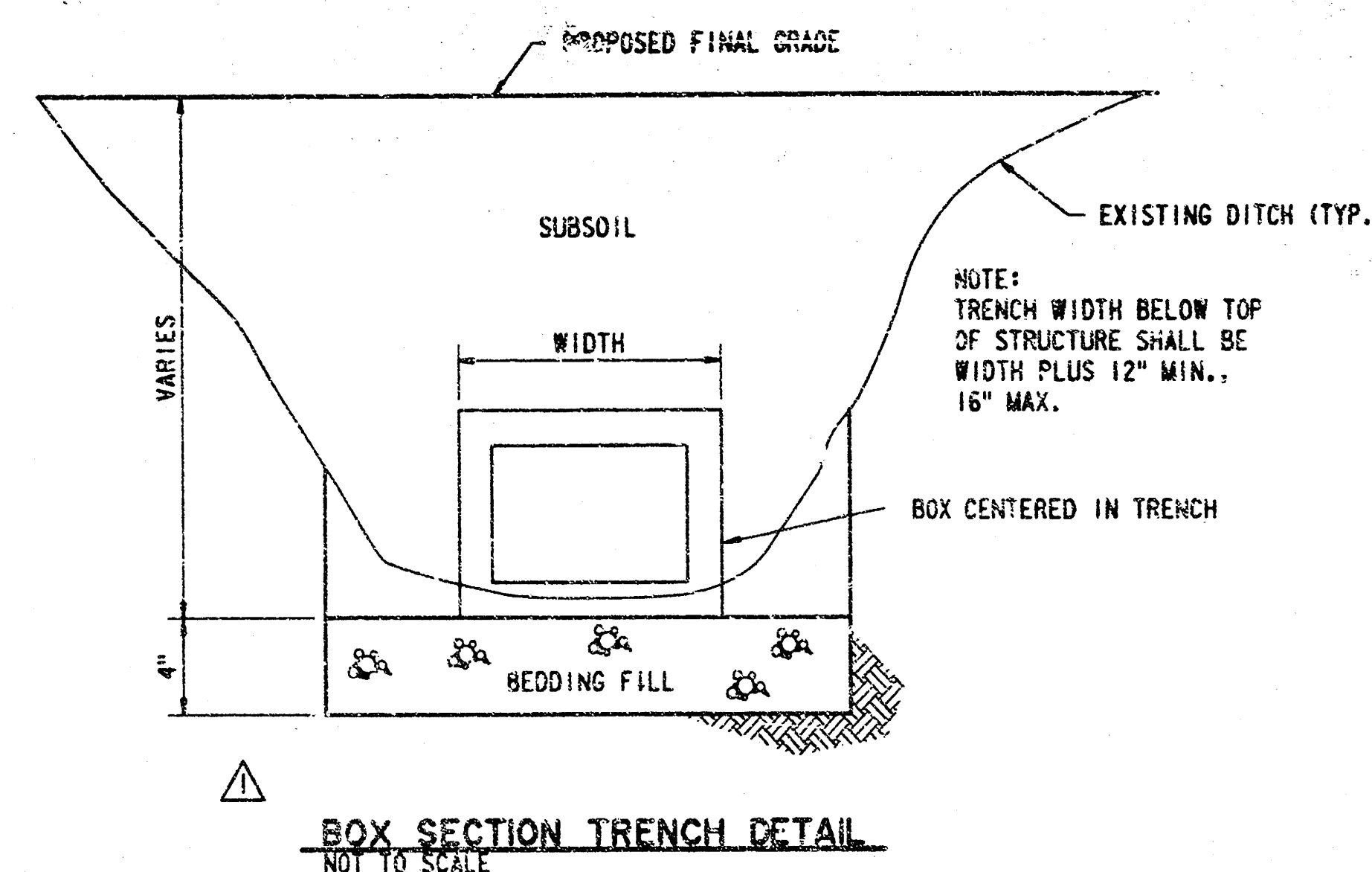
DESIGN JRA
CHECKED TAM
DRAWN JJU
APPROVED TAM

WILSON & COMPANY
WICHITA - KANSAS

DATE
FEBRUARY 1994

FILE NO.
93-324
SHEET
4 of 6

INLET SCHEDULE						
INLET	"NEENAH" EQUIVALENT MANUFACTURE	AREA OF OPENING (SQ. FT.)	CLEAR OPENING DIMENSIONS	MATERIAL	PROOF LOAD (LBS.)	LOCKING DEVICE
A	R-6673-L	3.7	26"x50"	GRAY IRON	40,000	NO
J	R-2565-H	1.2	27" ϕ	DUCTILE IRON	200,000	TYPE E: S.S. HEX BOLT
C	R-2565-J	1.8	30" ϕ	DUCTILE IRON	200,000	TYPE E: S.S. HEX BOLT
D	R-2565-J	1.8	30" ϕ	DUCTILE IRON	200,000	TYPE E: S.S. HEX BOLT
E	R-2565-H	1.2	27" ϕ	DUCTILE IRON	200,000	TYPE E: S.S. HEX BOLT
F	R-2565-H	1.2	27" ϕ	DUCTILE IRON	200,000	TYPE E: S.S. HEX BOLT
G	R-2565-H	1.2	27" ϕ	DUCTILE IRON	200,000	TYPE E: S.S. HEX BOLT
H	R-2565-A	0.9	18" ϕ	GRAY IRON	169,100	TYPE E: S.S. HEX BOLT
I	R-2565-G	1.7	24" ϕ	GRAY IRON	145,900	TYPE E: S.S. HEX BOLT
J	R-2534	0.9	23 3/4" ϕ	GRAY IRON	40,000	TYPE E: S.S. HEX BOLT
K	R-2534	0.9	23 3/4" ϕ	GRAY IRON	40,000	TYPE E: S.S. HEX BOLT
L	R-2534	0.9	23 3/4" ϕ	GRAY IRON	40,000	TYPE E: S.S. HEX BOLT
M	R-2534	0.9	23 3/4" ϕ	GRAY IRON	40,000	TYPE E: S.S. HEX BOLT



DETAILS			
DESIGN	DRAWN	DATE	
JRA	JJJ	FEBRUARY 1994	
WILSON & COMPANY Engineers & Architects Wichita, Kansas		FILE NO.	93-324
		SHEET NO.	5
REVISION	DATE	BY	CF 6

FINAL SURVEY
 DATE
 BY
 CHECKED
 NO.

ORIGINAL SURVEY
 DATE
 BY
 CHECKED
 NO.

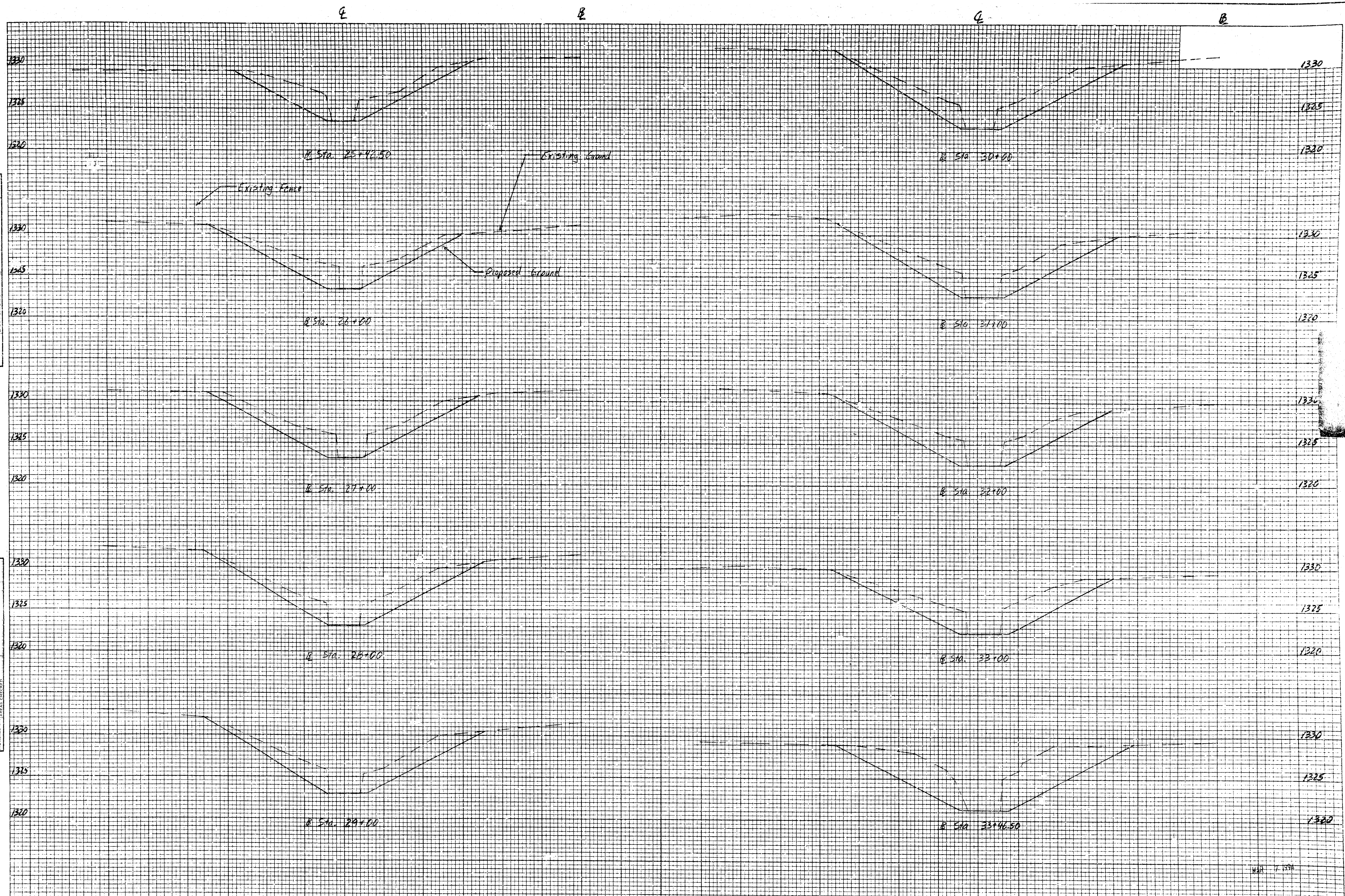


PLATE 3-FULL CROSS SECTION-FULL LINE
 NATIONAL INSTRUMENTS
 PRINTED IN U.S.A.

FILE NO. 93-324

LEARJET, INC. WICHITA, KANSAS

LEARJET STORM DRAINAGE IMPROVEMENTS

1" = 10' Horizontal

10-108-11