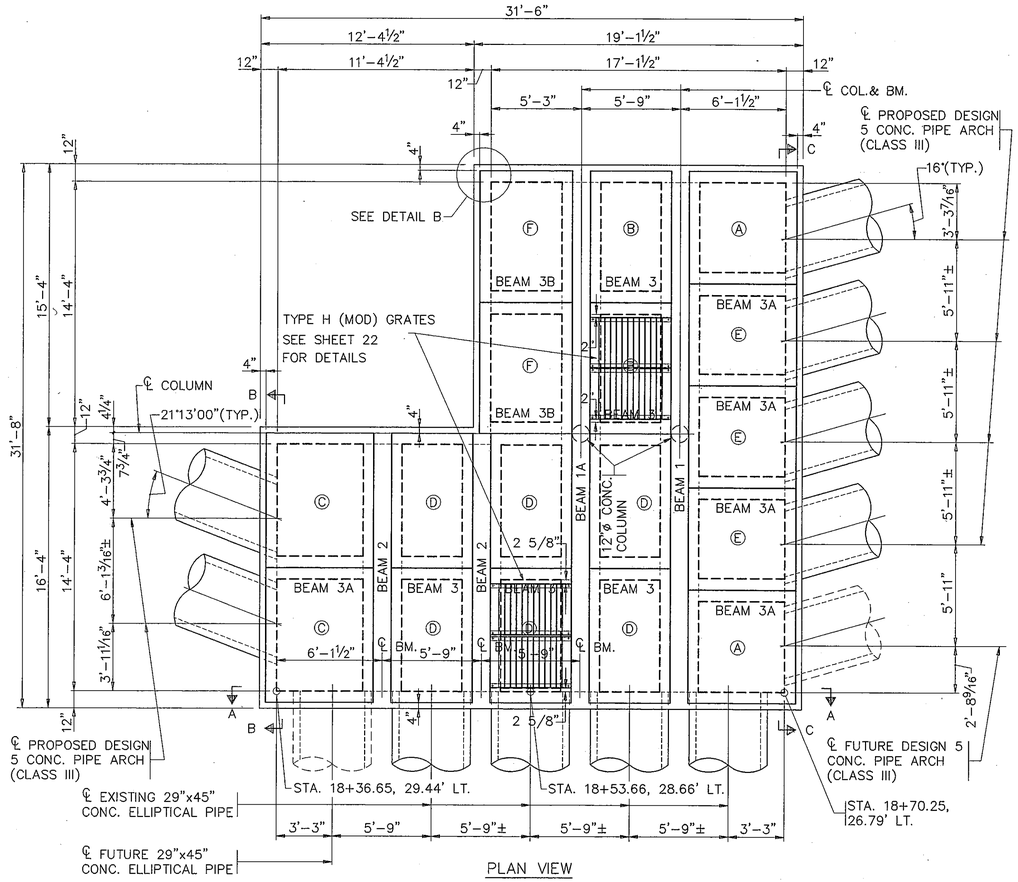
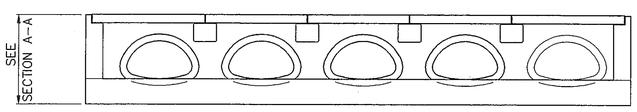
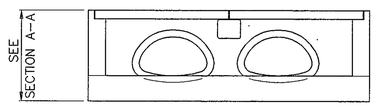


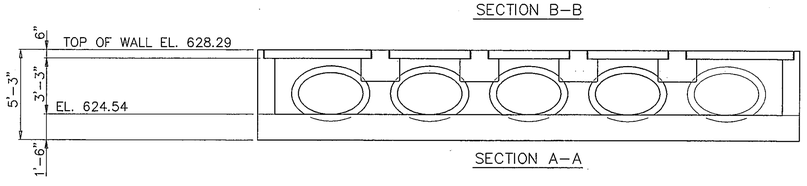
PLAN VIEW



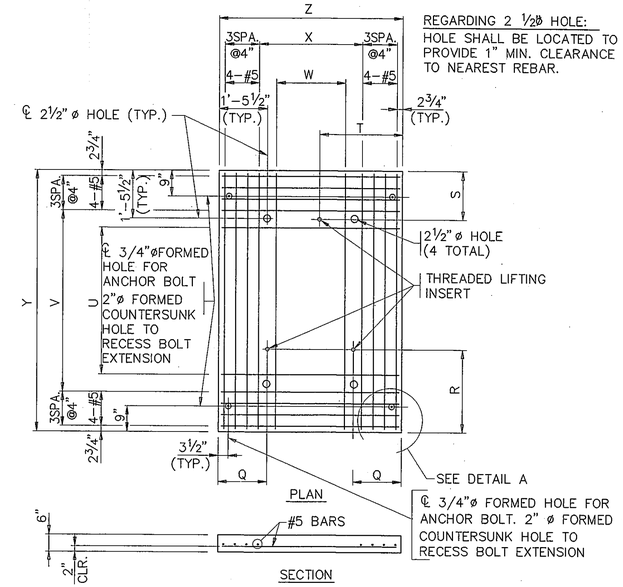
SECTION C-C



SECTION B-B



SECTION A-A



SLAB PANEL DIMENSION TABLE						
MARK \ PNL.	A	B	C	D	E	F
Z	6'-2½"	4'-8"	6'-2½"	4'-8"	5'-10 11/16"	5'-4"
Y	6'-6 7/16"	7'-7½"	7'-9¼"	7'-9¼"	6'-2½"	7'-7½"
X	8 EQ. SPA.	5 EQ. SPA.	8 EQ. SPA.	5 EQ. SPA.	7 EQ. SPA.	6 EQ. SPA.
W	7-#5	4-#5	7-#5	4-#5	6-#5	5-#5
V	9 EQ. SPA.	12 EQ. SPA.	11 EQ. SPA.	11 EQ. SPA.	8 EQ. SPA.	11 EQ. SPA.
U	8-#5	11-#5	10-#5	10-#5	7-#5	10-#5
PICKUP POINTS: T	2'-10¼"	2'-4"	2'-10¼"	2'-4"	2'-11⅜"	2'-5"
PICKUP POINTS: S	1'-6"	1'-5"	1'-6"	1'-5"	1'-5"	1'-5"
PICKUP POINTS: R	2'-5"	2'-5"	2'-5"	2'-5"	2'-0"	2'-5"
PICKUP POINTS: Q	1'-5"	1'-0"	1'-5"	1'-0"	1'-5"	1'-5"

NOTE: DIMENSION "Y" SHALL BE PLACED PARALLEL TO BEAMS 1, 1A AND 2 EXCEPT PANEL "E" WHICH SHALL BE PLACED NORMAL TO BEAM 1.

SLAB PANEL DETAILS

NOTES

DESIGN DATA:
ASSUMED LIVE LOAD = HS20-44
DESIGN FILL = NONE

CONCRETE: f'c = 4000 PSI BOTTOM SLAB, COLUMN AND WALLS
= 4500 PSI BEAMS AND SLAB PANELS

REINFORCING STEEL: ASTM A615 (GRADE 60)
fs = 24000 PSI
BAR DIMENSIONS SHOWN ARE OUT TO OUT. STANDARD CRSI HOOK DETAILS SHALL APPLY EXCEPT AS NOTED.

DESIGN SPECIFICATIONS:
AASHTO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES",1992 ED. WITH ADDENDA AND TEXAS STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANS. "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRIDGES",1982 ED.

COMPUTED FOUNDATIONS LOAD (DEAD + LIVE)
= 1200 LBS. PER SQ. FT.

GROUND LINE ASSUMED AT TOP OF JUNCTION BOX.

ALL DIMENSIONS WITH THE "±" SYMBOL SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION/CONSTRUCTION OF THE AFFECTED COMPONENT OF THE STRUCTURE.

BACKFILLING SHALL NOT OCCUR UNTIL THE ENTIRE JUNCTION BOX IS IN PLACE AND CURED AND ALL ADJOINING STRUCTURES HAVE BEEN ATTACHED.

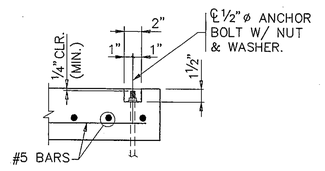
ALL PIPES SHALL BE FULLY SUPPORTED BY THEIR FOUNDATIONS.

BEARING PADS SHALL BE 1/4" CONTINUOUS ELASTOMERIC (50 DUROMETER) AND ATTACHED WITH AN EPOXY ADHESIVE. HOLES FOR ANCHOR BOLTS SHALL BE PREPUNCHED PRIOR TO INSTALLATION.

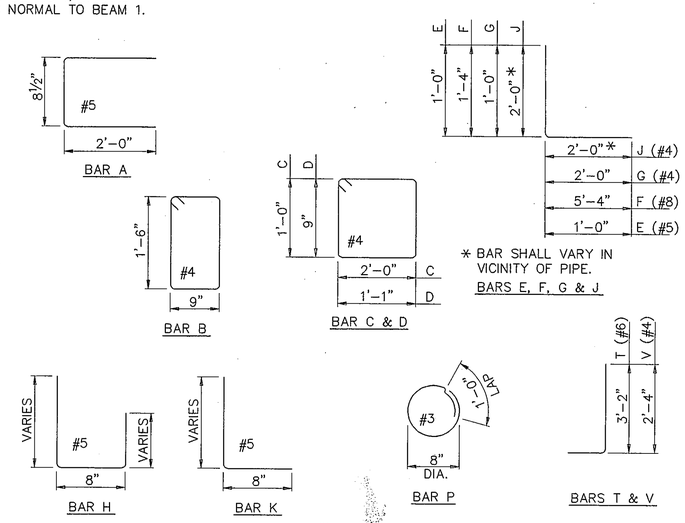
THREADED INSERTS SHALL HAVE A 2000# (MIN.) LIFTING CAPACITY. INSERTS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

SLAB PANEL BEARING AREA ON ALL BEAMS SHALL BE FINISHED TO A TRUE LEVEL PLANE WHICH SHALL NOT VARY PERCEPTIBLY FROM A STRAIGHT EDGE PLACED IN ANY DIRECTION ACROSS THE AREA.

ANCHOR BOLTS, NUTS AND WASHER SHALL CONFORM TO STANDARD SPECIFICATIONS. ANCHOR BOLTS SHALL BE TYPE ASTM-A307.



DETAIL A



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY TRACY L. TERRILL, P.E. 70974, ON MAY, 1994.

AS BUILT
OCT 20 1995

DESIGN: T.L.T.	A.I.P. NO. 3-48-0063-06				
DRAWN: M.J.G.	BID NO.: 94-33				
CHECKED: L.D.T.	JOB NO.: Y8024.60	Date	Revisions	By	
SCALE: NOT TO SCALE					

Greiner, Inc. Fort Worth, Texas — Engineers, Architects and Planners

ADDISON AIRPORT

JUNCTION BOX DETAILS

SHEET 20
DATE: MAY, 1994

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