Texas Department of Transportation

CORPUS CHRISTI DISTRICT
LONNIE GREGORCYK, P.E., DISTRICT ENGINEER
DESIGN SCHEMATIC
US 181/IH 37 - HARBOR BRIDGE
NUECES COUNTY

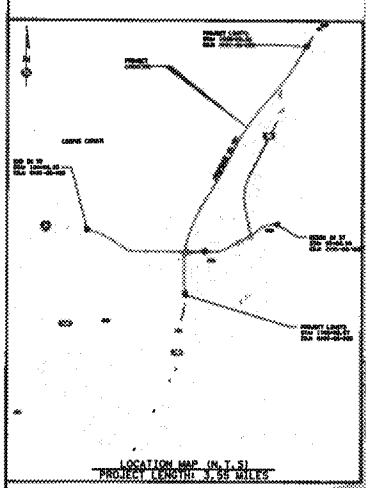
US 181/SH 286 FROM BEACH AVE TO LAREDO ST
IH 37 FROM BUFFALO ST TO NUECES BAY BLVD
CSJ'S : 0101-06-095

RED ALTERNATIVE

DESIGN SPEED:
FREEWAY = 70 mph
RAMPS = 50 mph
DIRECT CONNECTORS = 50 mph
FRONTAGE ROADS = 45 mph
CROSS STREETS = 40 mph

JULY, 2013

URS
13950 NORTH STEMMONS FREEWAY
SUITE 6000
DALLAS, TEXAS 75240
214-741-3777



LOCATION MAP (N.T.S)
PROJECT LENGTH: 3.55 MILES

PRELIMINARY
SUBJECT TO CHANGE

PRELIMINARY
SUBJECT TO CHANGE

SCALE IN FEET

LEGEND

- FRONTAGE ROADS
- IH 37 MAINLANES
- US 181 MAINLANES
- DIRECT CONNECTORS
- EXIT & ENTRANCE RAMPS
- CROSS AND LOCAL STREET
- EXISTING ROW
- PROPOSED ROW
- ROADS TO BE REMOVED/CLOSED

RED ALTERNATIVE
JULY 2013

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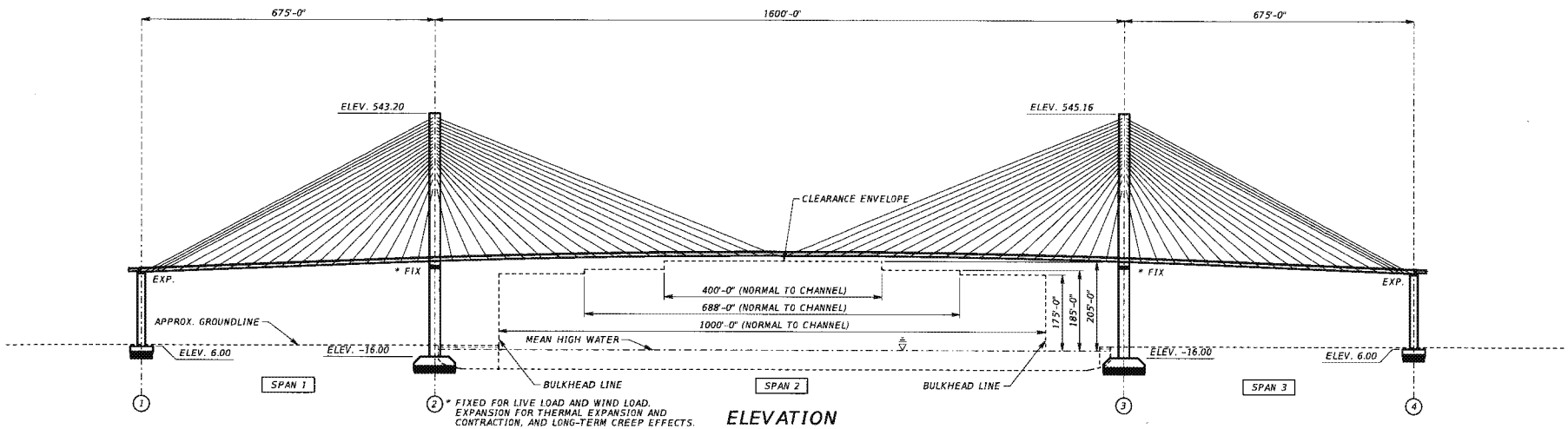
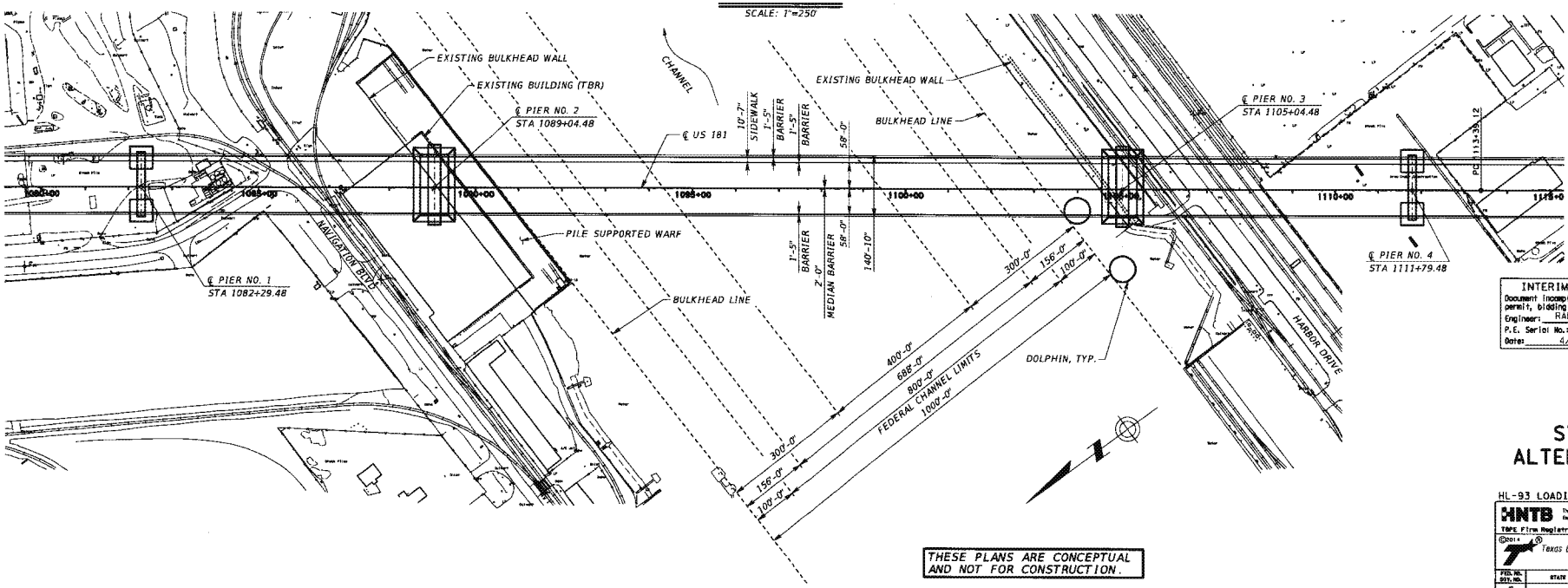


ELEVATION

SCALE: 1"=250'



PLAN

SCALE: 1"=250'

THESE PLANS ARE CONCEPTUAL AND NOT FOR CONSTRUCTION.

INTERIM REVIEW ONLY
Document incomplete; not intended for permit, bidding or construction.
Engineer: RAMIRO M. GARCIA
P.E. Serial No.: 81951
Date: 4/11/2014

STEEL ALTERNATIVE

HL-93 LOADING

HNTB The HNTB Companies Engineers Architects Planners
TBPE Firm Registration No.: 420

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FED. RD. DIST. NO.	STATE AID PROJECT NO.	SHEET NO.
6		

STATE	STATE DIST. NO.	COUNTY	
TEXAS	XX	XX	
CONT.	SECT.	JOB	HIGHWAY NO.
XXXX	XX	XXX	X

GENERAL PLAN AND ELEVATION

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ED_005616A_00005024-00002

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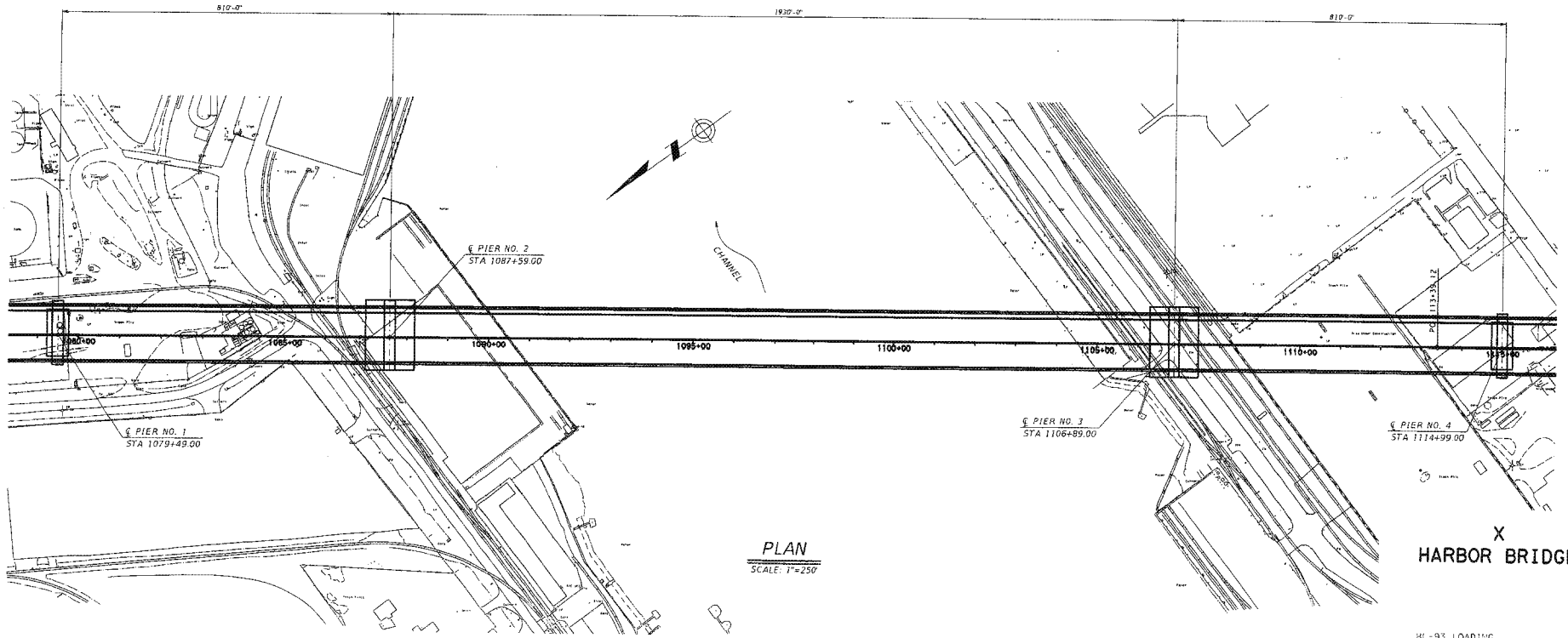

PLAN
SCALE: 1"=250'

X
HARBOR BRIDGE

HL-93 LOADING

Texas Department of Transportation

TEXAS	XX	XX	
COUN.	SECT.	JOB	HIGHWAY NO.
XXXX	XX	XXX	X

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ED_005616A_00005024-00003

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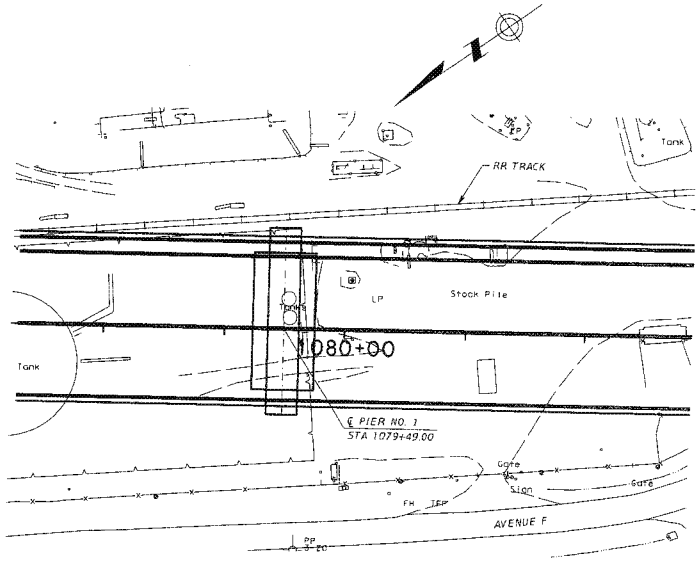
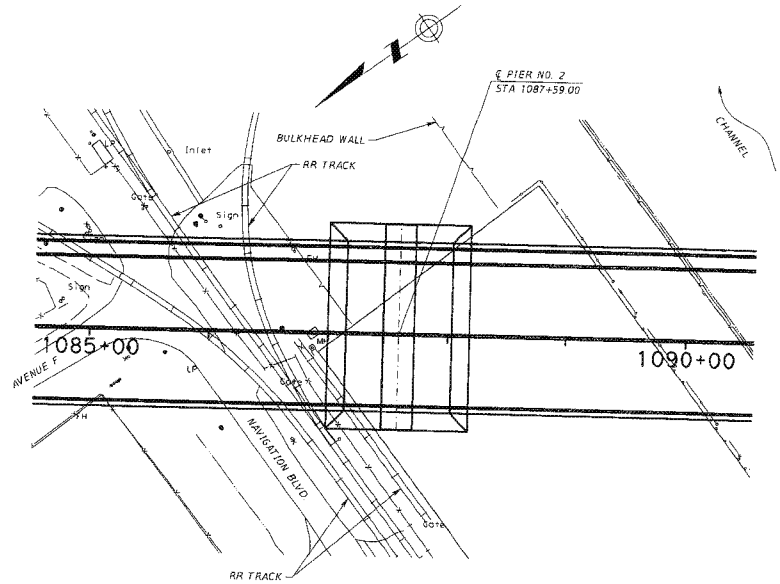


FOOTING LAYOUT PIER 1

SCALE: 1"=100'

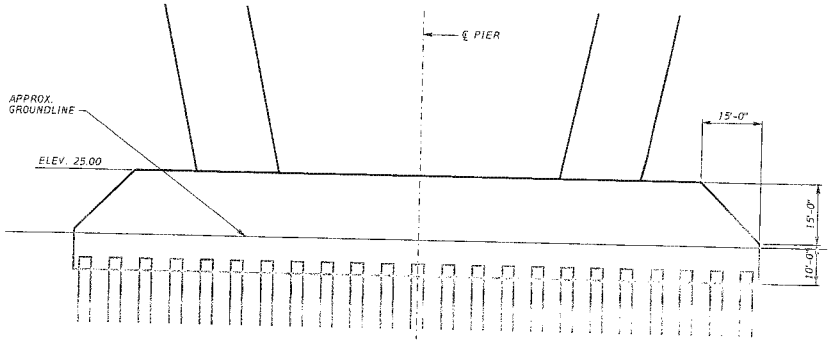


FOOTING LAYOUT PIER 2

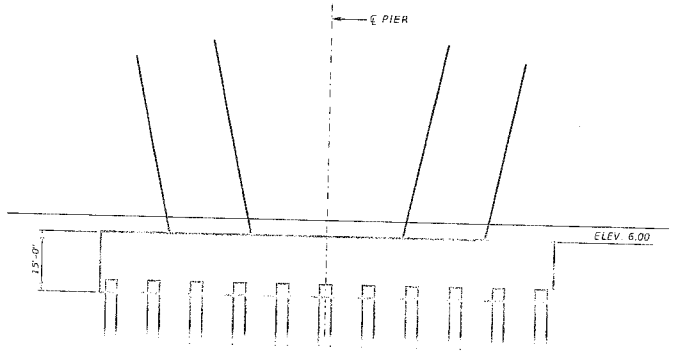
SCALE: 1"=100'

OPTION:

SET TOP OF TOWER PIER FOOTING BELOW EXISTING GRADE AT ELEV. 6.00. THIS WILL REQUIRE A SEAL COURSE WHICH IN TURN WILL INCREASE THE NUMBER OF PILES AND FOOTING SIZE.



SCALE: 1"=30'



SCALE: 1"=30'

X
HARBOR BRIDGE

HL-93 LOADING

The HDR Corporation

TEXAS Firm Registration No. 1-659

Texas Department of Transportation

TEXAS	XX		
CONT.	SECT.	JOB	DIST. OF SH.
XXXX	XX	XXX	X

Pen Tool - nametimo.tbl

ED_005616A_00005024-00004

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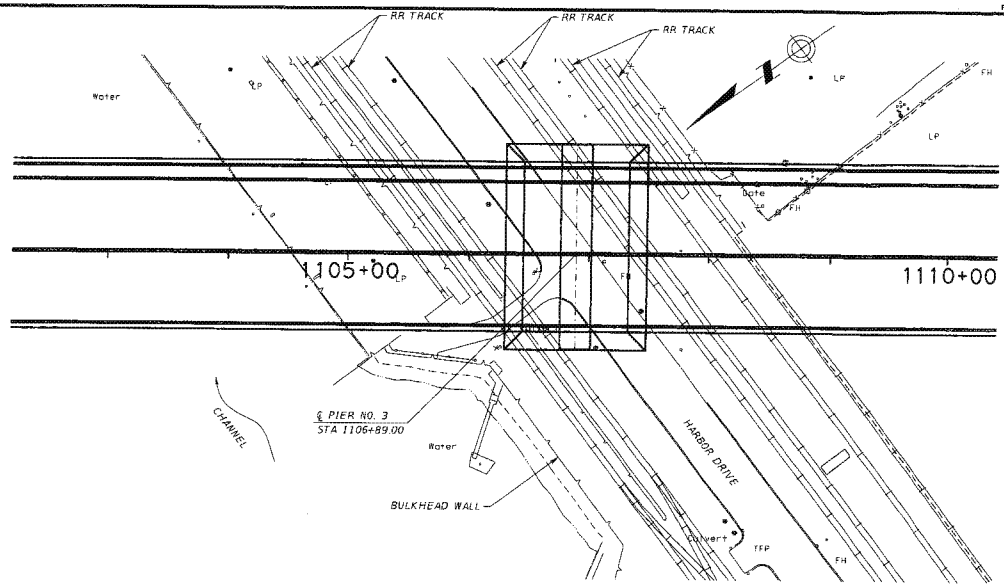
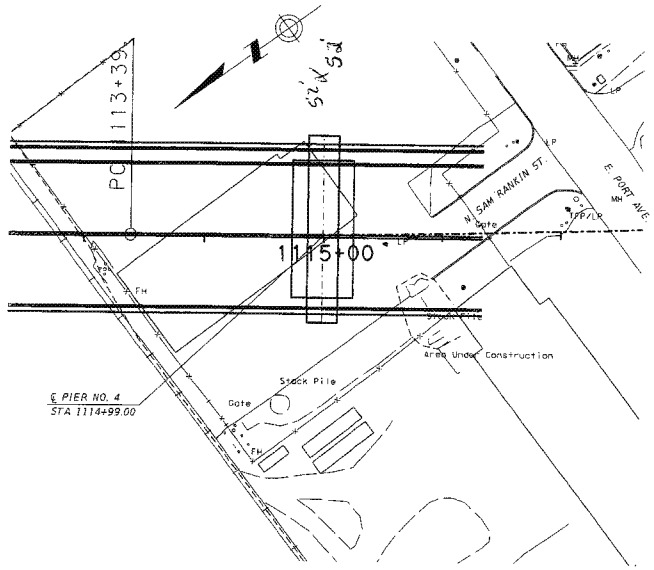


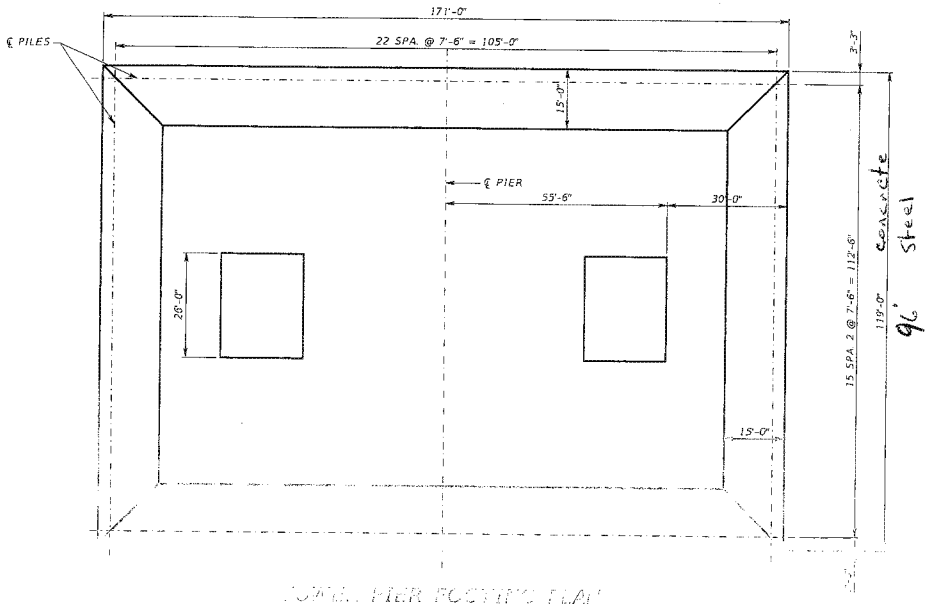
FOOTING LAYOUT PIER 3

SCALE: 1"=100'



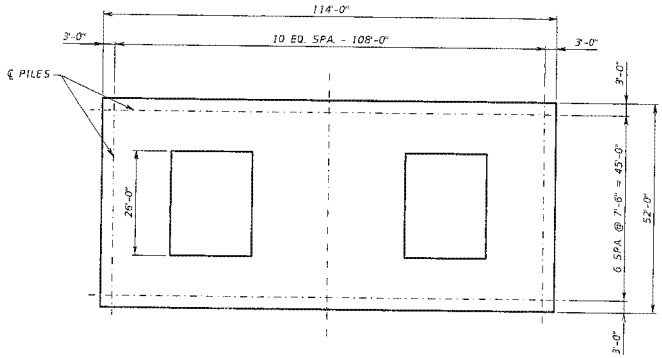
FOOTING LAYOUT PIER 4

SCALE: 1"=100'



TOWER PIER FOOTING PLAN

SCALE: 1"=30'



ANCHOR PIER FOOTING PLAN

SCALE: 1"=30'

X
HARBOR BRIDGE

HL-93 LOADING

Texas Department of Transportation

TEXAS	XX	XX	
CONT.	SECT.	JOB	REV. NO.
XXXX	XX	XXX	X

Scale: 1:100

Pen Tool: Name@ing.tbl

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