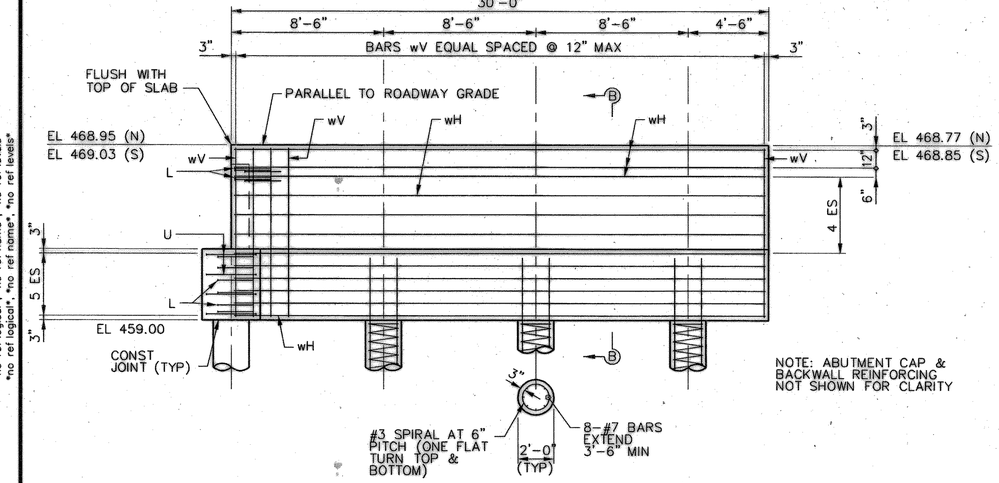
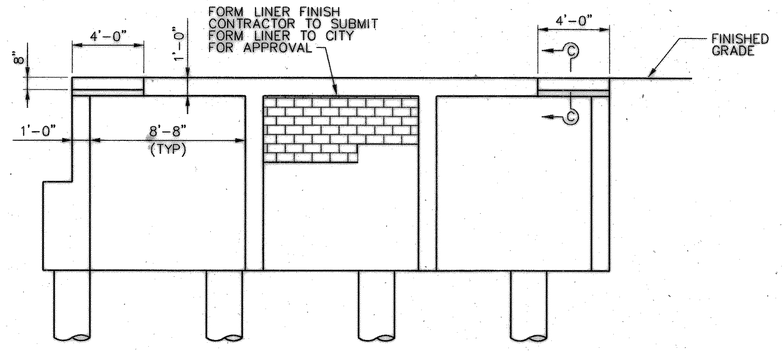


NOTE: SOUTH WINGWALL SHOWN
NORTH WINGWALL OPPOSITE HAND

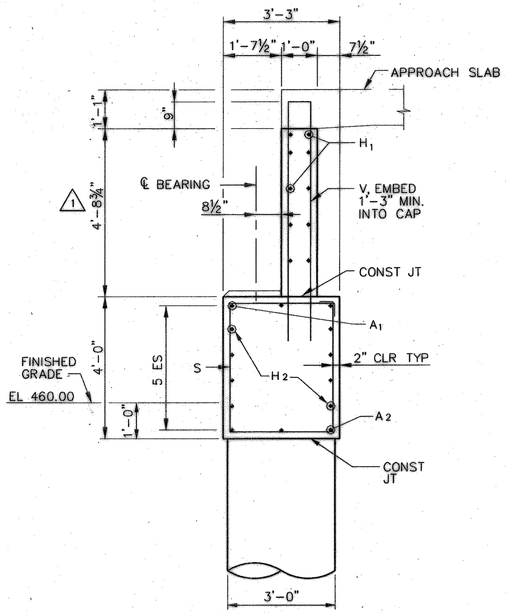
ABUTMENT #5 EXTENDED WINGWALL ELEVATION

SCALE: ¼"=1'-0"



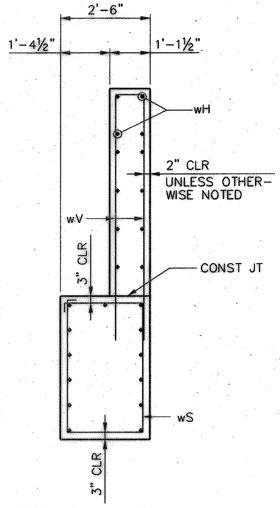
EXTENDED WINGWALL ELEVATION W/ FORM LINER

SCALE: ¼"=1'-0"



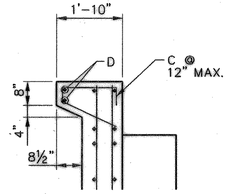
SECTION A-A

SCALE: ½"=1'-0"



SECTION B-B

SCALE: ¼" = 1'-0"



PILASTER LEDGE SECTION C-C

SCALE: ½"=1'-0"

NOTES:

1. ABUTMENT AND EXTENDED WINGWALLS DESIGNED FOR A EQUIVALENT FLUID PRESSURE OF 40 lbs/ft³.
2. FOR BRIDGE GENERAL NOTES, SEE SHEET B-3.

TABLE OF ESTIMATED ABUTMENT QUANTITIES

BAR	NO.	SIZE	LENGTH	WEIGHT
⊕ A1	3	#11	85'- 0"	1355
◩ A2	3	#11	82'- 2"	1310
C	20	# 4	4'- 0"	53
D	8	# 4	3'- 8"	20
⬓ H1	10	# 5	76'-11"	802
◩ H2	8	# 5	76'- 3"	636
L	24	# 6	4'- 0"	144
S	66	# 4	13'-10"	610
U	8	# 6	7'-10"	94
V	75	# 5	14'- 2"	1108
wH	50	# 6	29'- 8"	2228
wS	64	# 4	12'- 4"	527
wV	64	# 5	14'- 6"	968
REINFORCING STEEL			LB	+ 9855
1 CLASS "C" CONCRETE			CY	85.3

+ FOR CONTRACTOR'S INFORMATION ONLY.

⊕ LENGTH SHOWN INCLUDES 1 ℄ 10'-0" MIN LAP

◩ LENGTH SHOWN INCLUDES 1 ℄ 7'-2" MIN LAP

⬓ LENGTH SHOWN INCLUDES 1 ℄ 1'-3" MIN LAP

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY CHARLES E. QUADE, P.E. 69396 ON AUGUST 31, 2004

STATE OF TEXAS — CHARLES E. QUADE 69396 — LICENSED PROFESSIONAL ENGINEER — 8/31/2004

SHEET 2 OF 2

NO.	DATE	REVISIONS	APPROVED
1	11/12/2004	REVISED FOR CLARIFICATION	

ABUTMENT NO. 5

NORTH LAKESHORE DRIVE

NAPA DRIVE TO S.H. 205

HUITT-ZOLLARS — Huitt-Zollars, Inc. 3131 McKinney Avenue, Suite 600 Dallas, Texas 75204-2489 Phone (214) 871-3311 Fax (214) 871-0757

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJECT NO.	NO.
HZI	HZI	CEQ	AS SHOWN	AUGUST 2004	01-3354-01	B-9

RECORD DRAWINGS JANUARY 12, 2006
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1. 1/2 SCALE, 1987BR31.008, 1-62
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