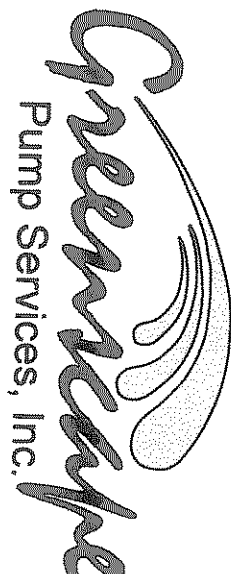


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THE HARBOR ROCKWALL, TEXAS

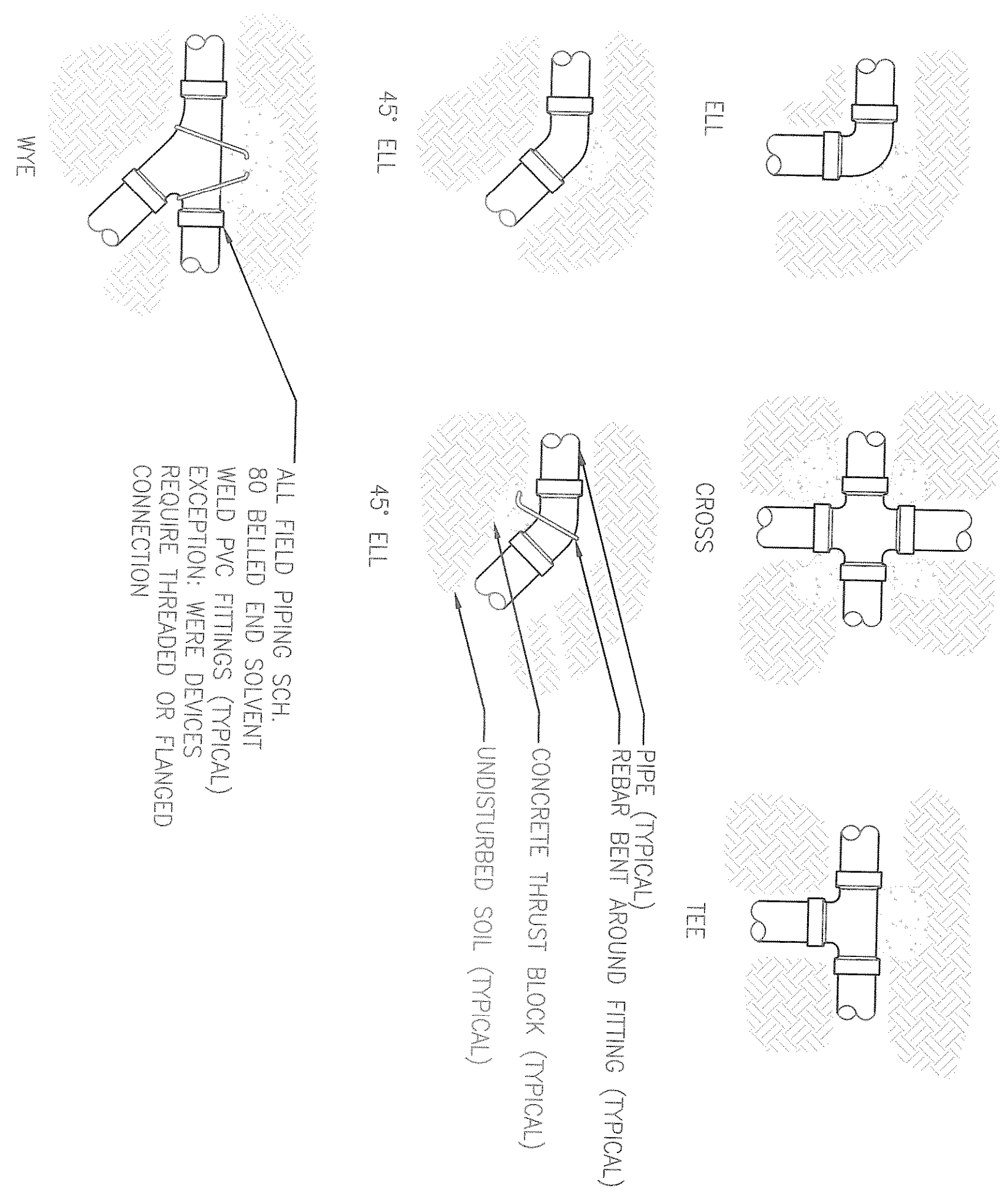
REGISTRATION

No.	ISSUE/REVISIONS	DATE
1	POST-BID ADDENDUM	01/17/06
2	AS BUILT	11/10/08

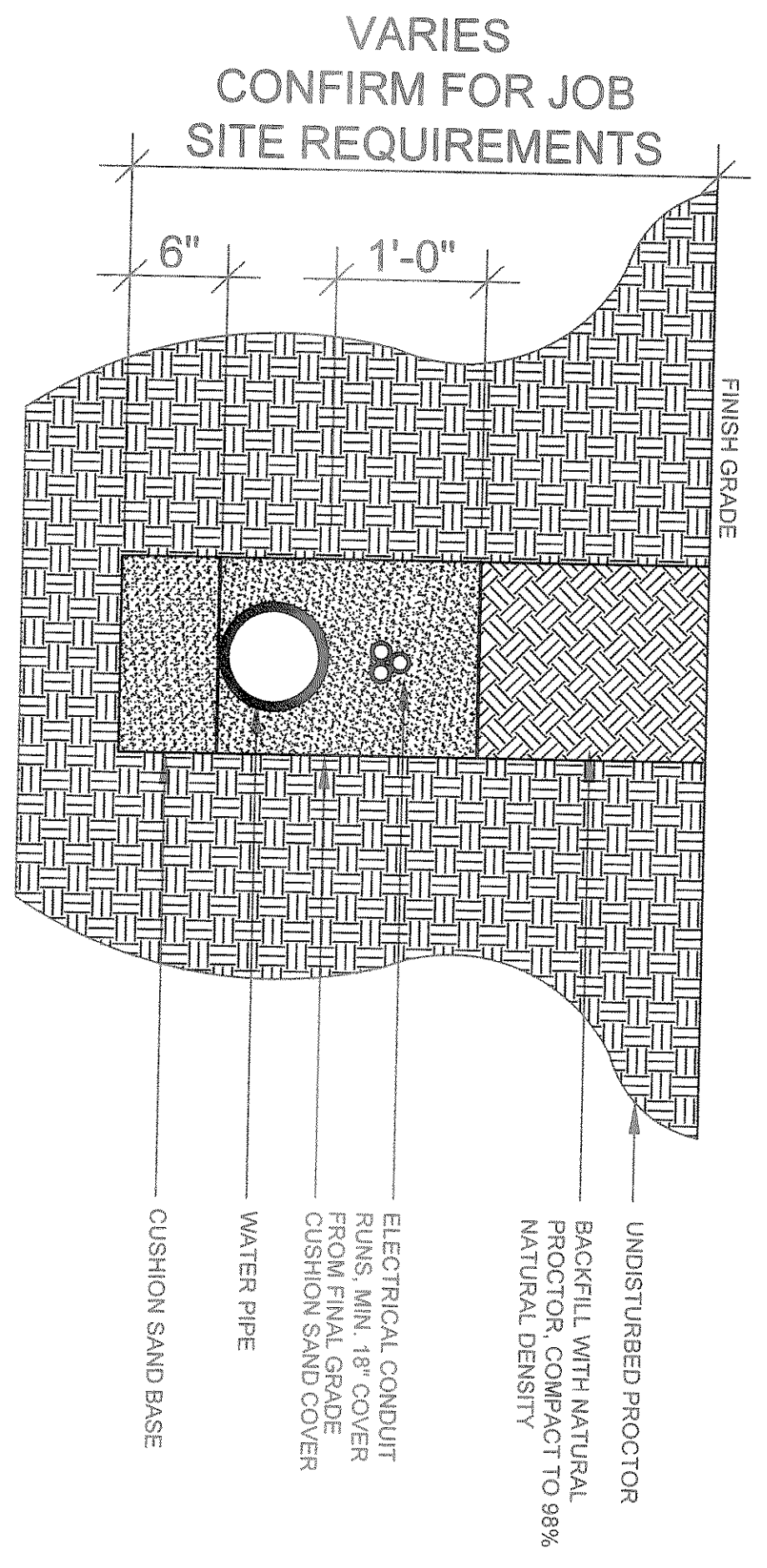
SHEET TITLE
**LAKE SIDE
 PIPE INSTALL
 DETAILS**

JOB NO. 4630
 DATE: JULY 12, 2005
 DRAWN BY: JOHN ORLANDO
 FILE: 4630 THE HARBOR_CADD_ML_110706
 SHEET NUMBER

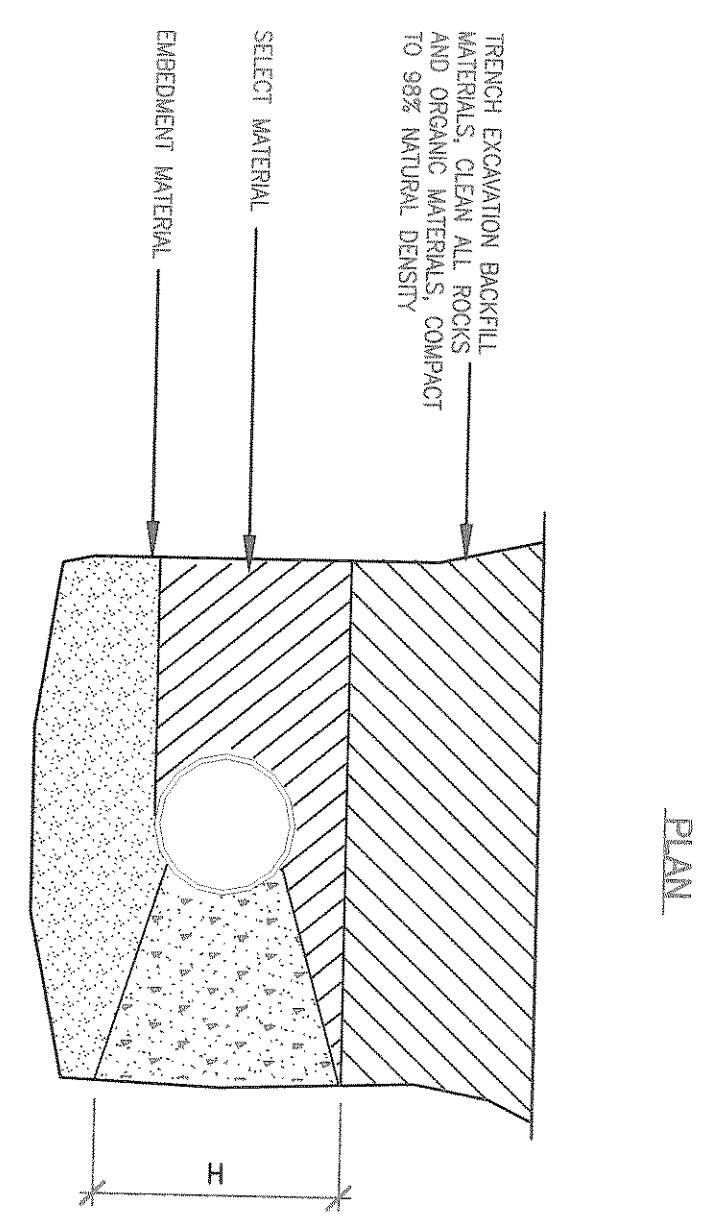
LW.11C



- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. SUPPLY LINES 3" IN DIAMETER AND LARGER SHALL RECEIVE CONCRETE THRUST BLOCKS.



A
 TYPICAL PIPE AND CONDUIT INSTALLATION
 SCALE: N.T.S.



NOTE: H AND L AS REQUIRED BY BLOCKING TABLE

HORIZONTAL BLOCKING TABLE

PIPE SIZE (IN)	PIPE WEIGHT (LBS/FT)	AREA REQUIRED IN SQUARE FEET					
		1/2' BLOCK	1' BLOCK	1 1/2' BLOCK	2' BLOCK	3' BLOCK	3 1/2' BLOCK
4"	5.800	11	12	13	14	15	16
6"	6.800	14	15	16	17	18	19
8"	14.300	14	14	14	14	14	14
10"	21.000	14	14	14	14	14	14
12"	28.000	20	20	20	20	20	20

BLOCKING NOTES:
 1. THE GIVEN AREA OF EACH SIZE OF BLOCKING TABLE MATERIAL, SHOULD BE USED TO DETERMINE THE SIZE OF THRUST BLOCK TO BE USED. THE THRUST BLOCKS SHOULD BE PLACED AS SHOWN IN THE TABLE. THE THRUST BLOCKS SHOULD BE PLACED AS SHOWN IN THE TABLE.
 2. THE VALUES ARE BASED ON 12000 P.S.I. SAND GRADING CAPACITY AND 98% NATURAL DENSITY.
 3. THESE VALUES ARE BASED ON 12000 P.S.I. SAND GRADING CAPACITY AND 98% NATURAL DENSITY.

C
 THRUST BLOCK TABLE
 SCALE: NONE