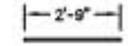
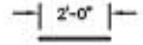
NOTES:
1. PIER CONCRETE TO HAVE A 7 DAY COMPRESSIVE STRENGTH OF 3,500 PSI MINIMUM
2. ALL SCALE BEARING SURFACES TO BE LEVEL AND ON THE SAME PLANE. THE BEARING SURFACE HEIGHT AS POURED ALLOWS FOR 1 INCH OF GROUT UNDER BASE PLATES
3. ALL REINFORCEMENT STEEL IS TO BE EPOXY COATED
4. PIERS ARE TO BE TIED TO EXISTING PIT WALLS AND FLOOR USING REBARS AS SHOWN IN DETAILS

LIST OF RAW MATERIALS	
PIER CONCRETE (3500 PSI MIX)	8.5 CUBIC YARDS
NO. 4 GRADE 60 REBAR SCALE PIERS (EPOXY COATED)	516'-11" (345.3 lbs)
DECK CONCRETE (5000 PSI MIX)	10.0 CUBIC YARDS
1" FLAT WASHERS	36 PC'S
1" NUTS	36 PC'S
1" DIA. ANCHOR BOLTS COLD ROLLED STEEL 36 PC'S	63'-0"

P5 REBAR
SCALE 1/2"=1'-0"
QTY=16

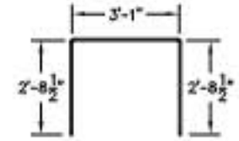


P4 REBAR
SCALE 1/2"=1'-0"
QTY=4

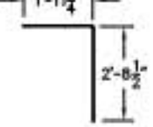


P6 REBAR
SCALE 1/2"=1'-0"
QTY=52

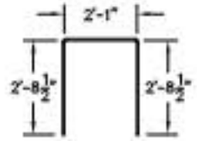
P3 REBAR
SCALE 1/2"=1'-0"
QTY=16

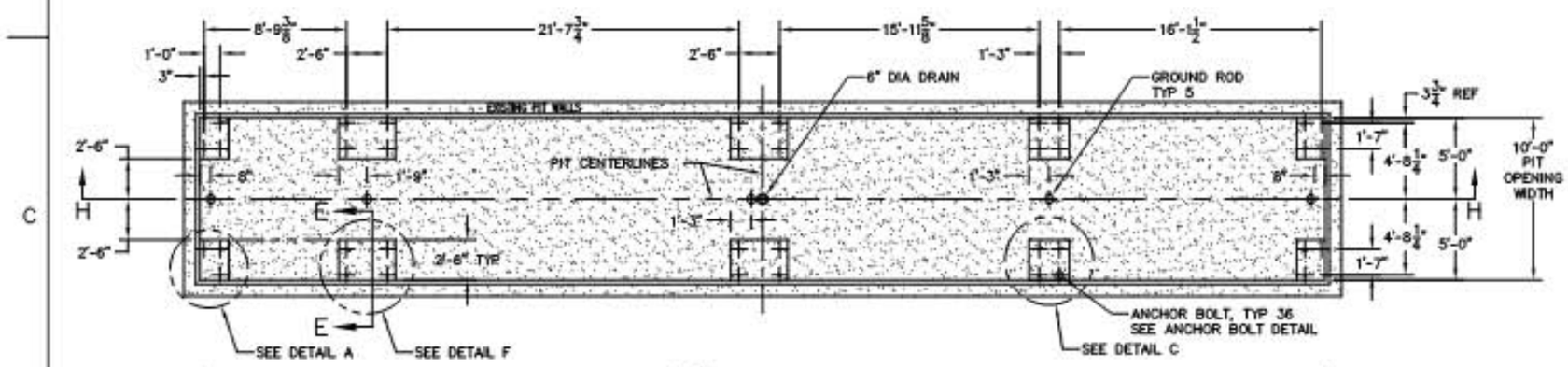


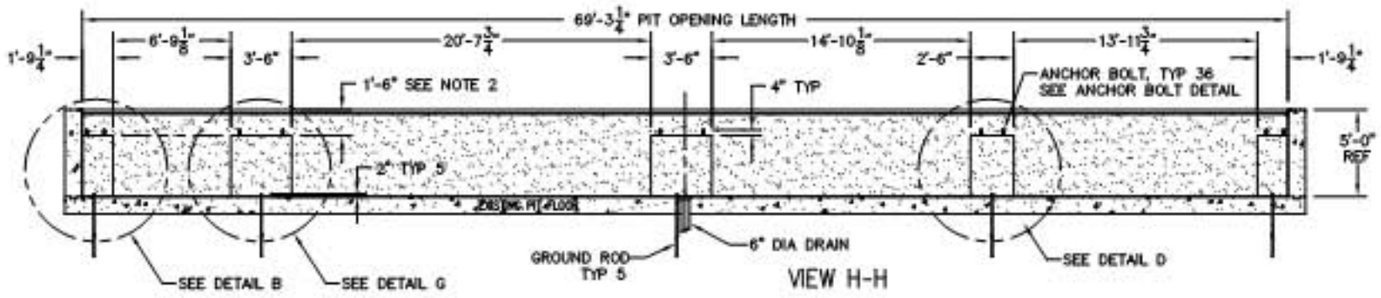
P2 REBAR
SCALE 1/2"=1'-0"
QTY=16



P1 REBAR
SCALE 1/2"=1'-0"
QTY=8

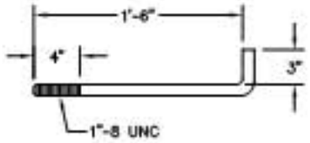


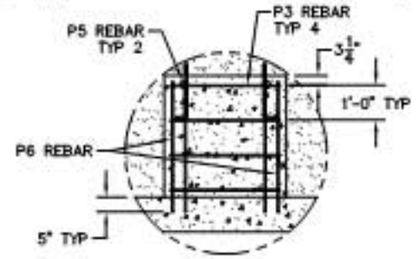




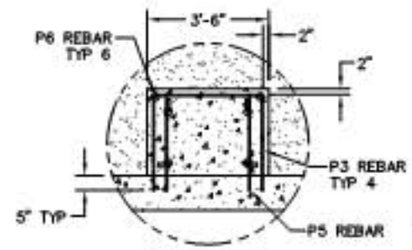
VIEW H-H

ANCHOR BOLT DETAIL
SCALE 1 1/2"=1'-0"

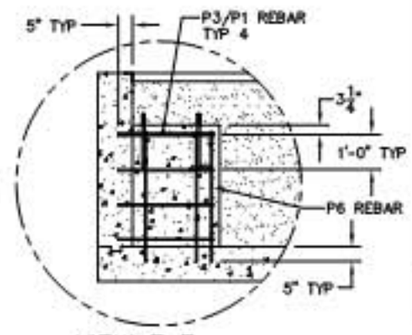




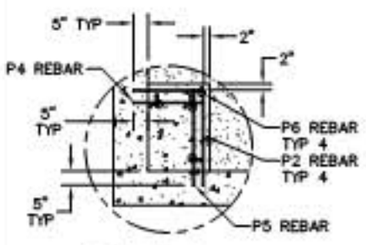
DETAIL G
SCALE 1/2"=1'-0"
TYP DOUBLE CENTER PIER



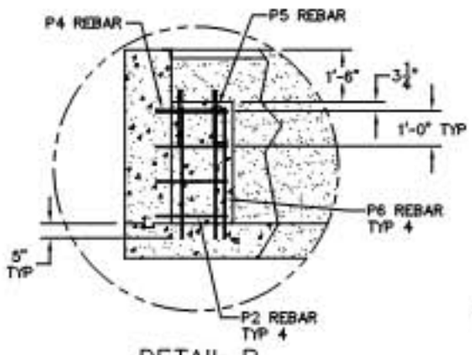
DETAIL F
SCALE 1/2"=1'-0"
TYP DOUBLE CENTER PIER



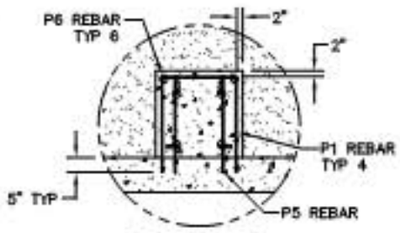
VIEW E-E
SCALE 1/2"=1'-0"
TYP DOUBLE CENTER PIER



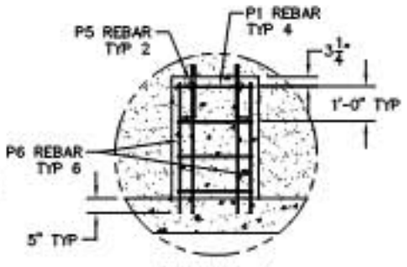
DETAIL A
SCALE 1/2"=1'-0"
TYP END PIER



DETAIL B
SCALE 1/2"=1'-0"
TYP END PIER



DETAIL C
SCALE 1/2"=1'-0"
TYP SINGLE CENTER PIER



DETAIL D
SCALE 1/2"=1'-0"
TYP SINGLE CENTER PIER

REVISIONS					
ZONE	LTR	DESCRIPTION	BY	DATE	APPR
D6	X0	CHANGE PIER CONCRETE 8.5 WAS 9.0, REBAR QTY D4-117 WAS D4-7-3, DIM D2-3 1/4" WAS 2'-0", DIM D7-10 3/4" WAS 14-10 1/4", DIM D4-1 1/2" WAS D7-9 1/4", DIM D-9" WAS 2'-7", P6 REBAR 3'-8 3/4" WAS 4'-3 3/4"	RDA	1 NOV 2006	LAL

APPROVALS: SIGNATURE & DATE
DRAWN Bob Atzenhoefer
MECH. ENG. Leon Lammers
DIMENSIONS: FRACTIONS ± 1/8" ANGLES ± 1°
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. [XXX] DENOTES REFERENCE DIM. [mm] DENOTES METRIC CONVERSION
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DO NOT SCALE DRAWING

Avery Weigh-Tronix
1000 ARMSTRONG DRIVE
FAIRMONT, MN 56031
USA

PIER CONSTRUCTION DRAWING
FOR EXISTING 5'-0" PIT
FCTS MCTM 7010-100HD3C (10,24,36)

SIZE D | DRAWING NO. 98093-1810 | REV. X1
PLOT SCALE 1/4"=1'-0" | DGN - | SHEET 1 OF 1

D 98093-1810 1 X1