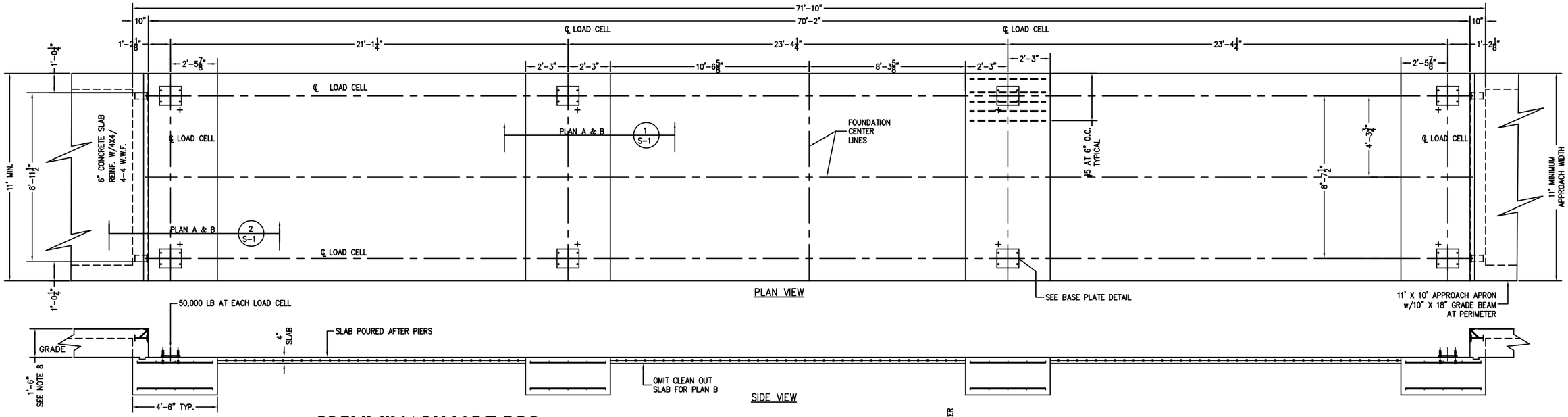
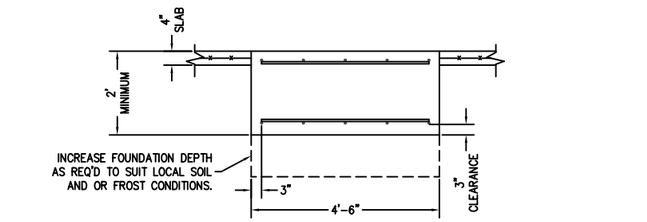
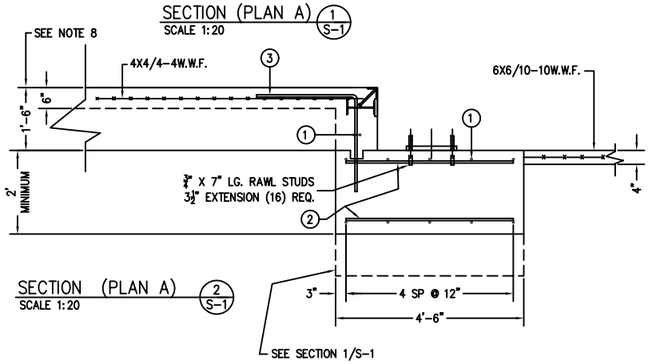


PRELIMINARY NOT FOR CONSTRUCTION. FOR ILLUSTRATION ONLY.

PLAN A

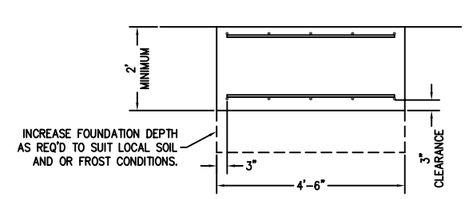


SECTION (PLAN A) 1 S-1
SCALE 1:20

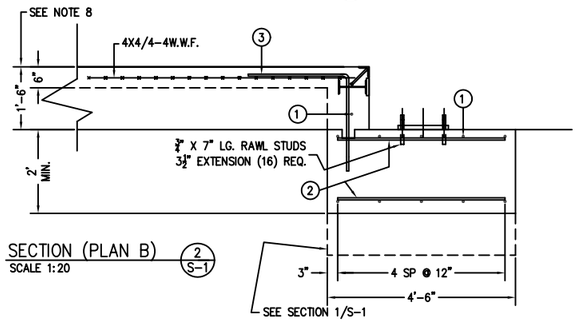


SECTION (PLAN A) 2 S-1
SCALE 1:20

PLAN B



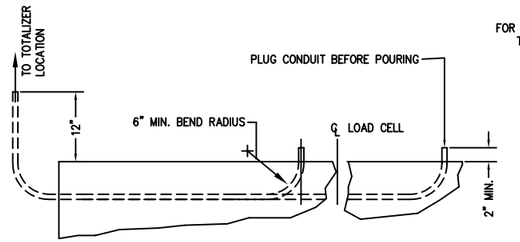
SECTION (PLAN B) 1 S-1
SCALE 1:20



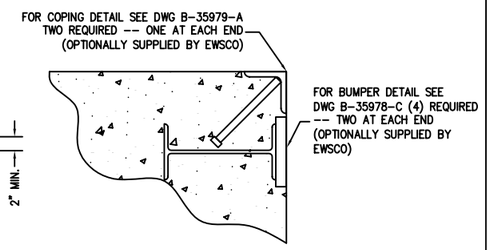
SECTION (PLAN B) 2 S-1
SCALE 1:20

MATERIAL REQUIREMENTS			TOTAL WT. OF REBAR		875
PLAN A: CONCRETE: APPROACHES 6.4 CU. YDS FOUNDATION 'A' 22 CU. YDS REINFORCING: REBAR 'A' 875 4X4/4-4WWF 220 SQ FT 6X6/10-10WWF 592 SQ FT	3	22	4	4'-0" 2'-0" 2'-0"	59
	2	80	5	4'-0"	334
	1	44	5	10'-6"	482
	PIECE NO.	QTY	BAR SIZE	LENGTH & DESCRIPTION	WT.

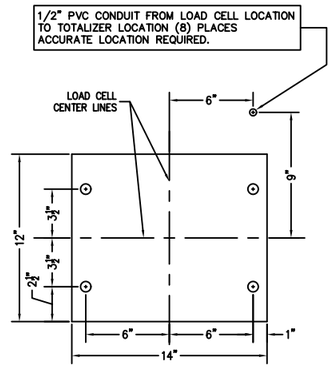
MATERIAL REQUIREMENTS			TOTAL WT. OF REBAR		875
PLAN B: CONCRETE: APPROACHES 6.4 CU. YDS FOUNDATION 'B' 15 CU. YDS REINFORCING: REBAR 'B' 875 4X4/4-4WWF 220 SQ FT	3	22	4	4'-0" 2'-0" 2'-0"	59
	2	80	5	4'-0"	334
	1	44	5	10'-6"	482
	PIECE NO.	QTY	BAR SIZE	LENGTH & DESCRIPTION	WT.



SECTION THRU SHORT
1/2" PVC CONDUIT (8) REQ.
SCALE 1:12
CONTINUOUS RUN FROM LOAD CELL TO TOTALIZER LOCATION



DETAIL OF BULKHEAD INSTALLATION
NO SCALE



LOAD CELL BASE PLATE DETAIL
SCALE 1:5

FOR NON COMMERCIAL SCALES PROVIDE AN APPROACH OF 2 FEET MINIMUM LENGTH WHICH IS LEVEL AND IN SAME PLANE AS THE PLATFORM.

FOR COMMERCIAL SCALES CHECK WITH LOCAL WEIGHTS AND MEASURES OFFICIALS BEFORE STARTING CONSTRUCTIONS. NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST) HANDBOOK H44 REQUIRES:
A.) A STRAIGHT APPROACH OF AT LEAST ONE-HALF THE LENGTH OF THE PLATFORM.
B.) NOT LESS THAN 10 FEET OF APPROACH ADJACENT TO THE PLATFORM TO BE CONSTRUCTED OF CONCRETE OR SIMILAR DURABLE MATERIAL AND BE LEVEL AND IN THE SAME PLANE AS THE PLATFORM.

NOTES:
1. CONCRETE STRENGTH: f'c = 4,000 PSI @ 28 DAYS
   REINFORCING ROD: Fy = 60,000 PSI, ASTM A615, GRADE 60
2. PIERS AS SHOWN ARE SIZED FOR 3,000 SQ.FT.
3. THE CONCRETE AND REBAR SPECIFICATIONS SHOWN ARE FOR A NATIONWIDE RANGE OF CONDITIONS AND MAY NEED MODIFICATION FOR LOCAL CONDITIONS.
4. APPROACH COPING(BULKHEAD) TO BE ON A COMMON PLANE WITHIN 1/4".
5. TOP OF REBAR MUST BE PLACED TO CLEAR THE ANCHOR BOLTS. ANCHOR BOLTS ARE TO BE INSTALLED AFTER FOUNDATION HAS CURED.
6. PIERS MUST BE INSTALLED WITH EXTREME CARE AND MUST NOT BE ALLOWED TO SHIFT.
7. THESE PLANS ARE NOT SUITABLE WHERE SOIL MIGRATION IS AN ISSUE. SOIL MUST BE STABLE AND NOT SUBJECT TO FLOODING OR OTHER POSSIBLE CAUSES OF SOIL MIGRATION THAT MAY RESULT IN SHIFTING OF THE PIERS.
8. BASE PLATES ARE NOT GROUTED. IF GROUTING IS REQUIRED ADD GROUT THICKNESS TO APPROACH DEPTH SHOWN.

FULL SIZE PLOT D-24X36

LTR	REVISION	DATE	BY

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ALL SHARP CORNERS AND EDGES TO BE BROKEN

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

MACHINING	FABRICATION
XX = ± .01 XXX = ± .005	± .13

DRAWN CEM DATE 05/04/09
CHECKED DATE
ACAD FILENAME: T03116
LAYERS USED: ALL

EMERY WINSLOW SCALE COMPANY
SEYMOUR, CT U.S.A TERRE HAUTE, IN.

MODEL H84-10070-10CD-TA
100 TON, 70' X 10' WFTA M.T.S.
A.G. ALTERNATE FOUNDATION

SCALE	FIRST USED ON	DRAWING NO.	REV.
1:30		D— 72973	