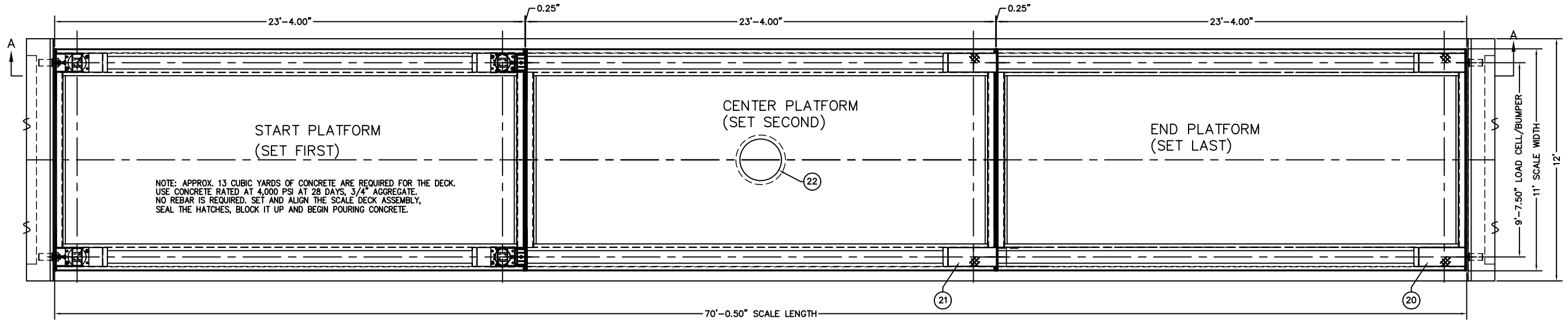
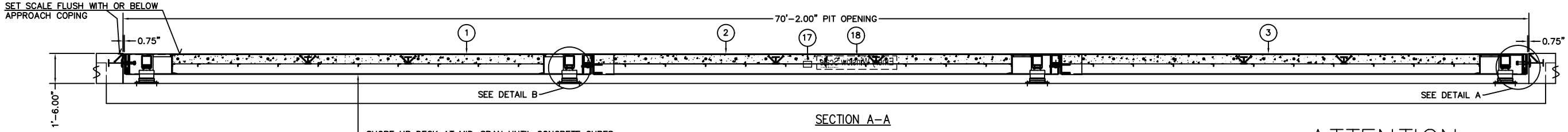
PRELIMINARY NOT FOR CONSTRUCTION. FOR ILLUSTRATION ONLY.

ITEM NO.	DESCRIPTION	QTY	MATERIAL	UNIT WT.	PART NO.	SIZE	WT.
1	START PLATFORM	1	SEE ASS'Y	TBD	D-TBD		TBD
2	CTR PLATFORM	1	SEE ASS'Y	TBD	D-TBD		TBD
3	END PLATFORM	1	SEE ASS'Y	TBD	D-TBD		TBD
4	LOAD CELL	8	SEE ASS'Y	63.00	D-29547-2	136-75-CH; NTEP NP. 88-239-P	504
5	APPROACH COPING	2	SEE ASS'Y	91.00	B-36115-A	OPTIONALLY SUPPLIED BY EWSCO	182
6	BASE PLATE	8	ASTM A36	35.70	B-35931-D		286
7	CENTERING RING	8	A/R	1.50	B-29871-E		12
8	SHIM	24	SS	0.50	A-29869-1-D	0.06 THICK	12
9	SHIM	16	SS	0.30	A-29869-2-D	0.03 THICK	5
10	HHCS	32	SS	–		0.375-13UNC X 1.25	–
11	CLAMP	24	CS, ZN PL	–	A-29870-2-B		–

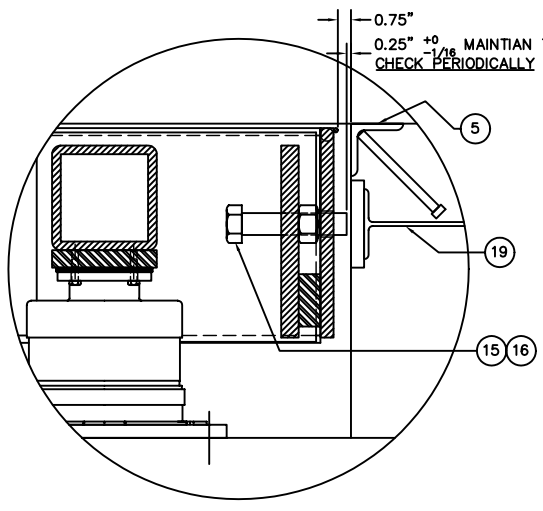
ITEM NO.	DESCRIPTION	QTY	MATERIAL	UNIT WT.	PART NO.	SIZE	WT.
12	HHCS	24	SS	–		0.50-13UNC X 1.25	–
13	MS FLAT WASHER	24	SS	–		FOR 0.500ø, ONE PER CLAMP	–
14	ANCHOR BOLT	16	ASTM A36	–	#7446	0.750 X 7.00	–
15	HHCS	4	GR. 8	–		1.25-7UNC X 6.00 FULL THREAD, ZN PL	–
16	TRI-LOCK NUT	4	GR. 2H	–		1.25-7UNC, ZN PL	–
17	SERIAL NUMBER PLATE	1	SS	–	B-34821-D		–
18	EWSCO DECAL	2	–	–	A-35412-A	8.00 X 48.00	–
19	CHECK BOLT BUMPER	4	SEE ASS'Y	10.00	B-35978-C	OPTIONALLY SUPPLIED BY EWSCO	40
20	END COVER PLATE	4	ASTM A36	51	B-72985		204
21	CENTER COVER PLATE	4	ASTM A36	54	B-72986		216
22	*MANHOLE	A/R	ASTM A36	–	B-71041	OPTIONALLY SUPPLIED BY EWSCO	–

*REQUIRES A SPECIALLY REINFORCED PLATFORM TO ACCEPT A MANHOLE.

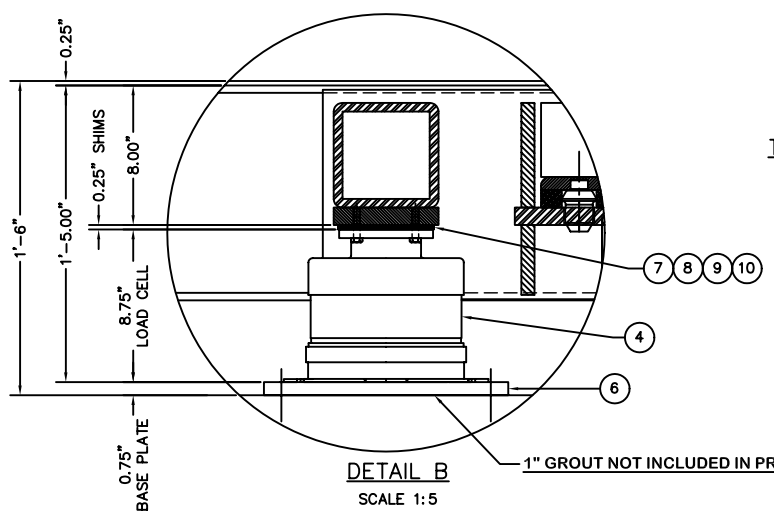




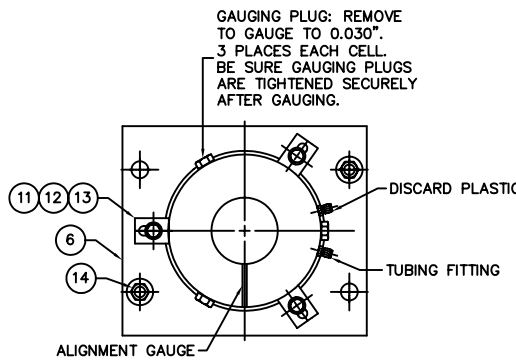
SECTION A-A



DETAIL A
SCALE 1:5



DETAIL B
SCALE 1:5



TYPICAL TOP VIEW OF CELL ON BASE PLATE
SCALE 1:5

ATTENTION:

SEE NOTE 1 ON INSTALLATION DRAWING # D-72974

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 44 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.

NOTE: 13 CUBIC YARDS OF CONCRETE ARE REQUIRED FOR THE DECK.

DRAWING REFERENCES:

D-73007	SLAB FOUNDATION
D-73008	ALTERNATE FOUNDATION
D-72974	INSTALLATION INSTRUCTIONS
B-33069-G	4 SECTION TUBING DIAGRAM

NTEP NO, 89-185PA3
CLC = 58,000 LB CLASS IIIL

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	± .13
.XXX = ± .005	

DRAWN CEM DATE 05/18/09
CHECKED DATE
ACAD FILENAME: T03149
LAYERS USED: ALL

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

MODEL H84-10070-11CD-TA
70' X 11', 100 TON; I-BEAM DESIGN
AG OUTLINE ARRANGEMENT

SCALE	FIRST USED ON	DRAWING NO.	REV.
1:30		D- 73006	