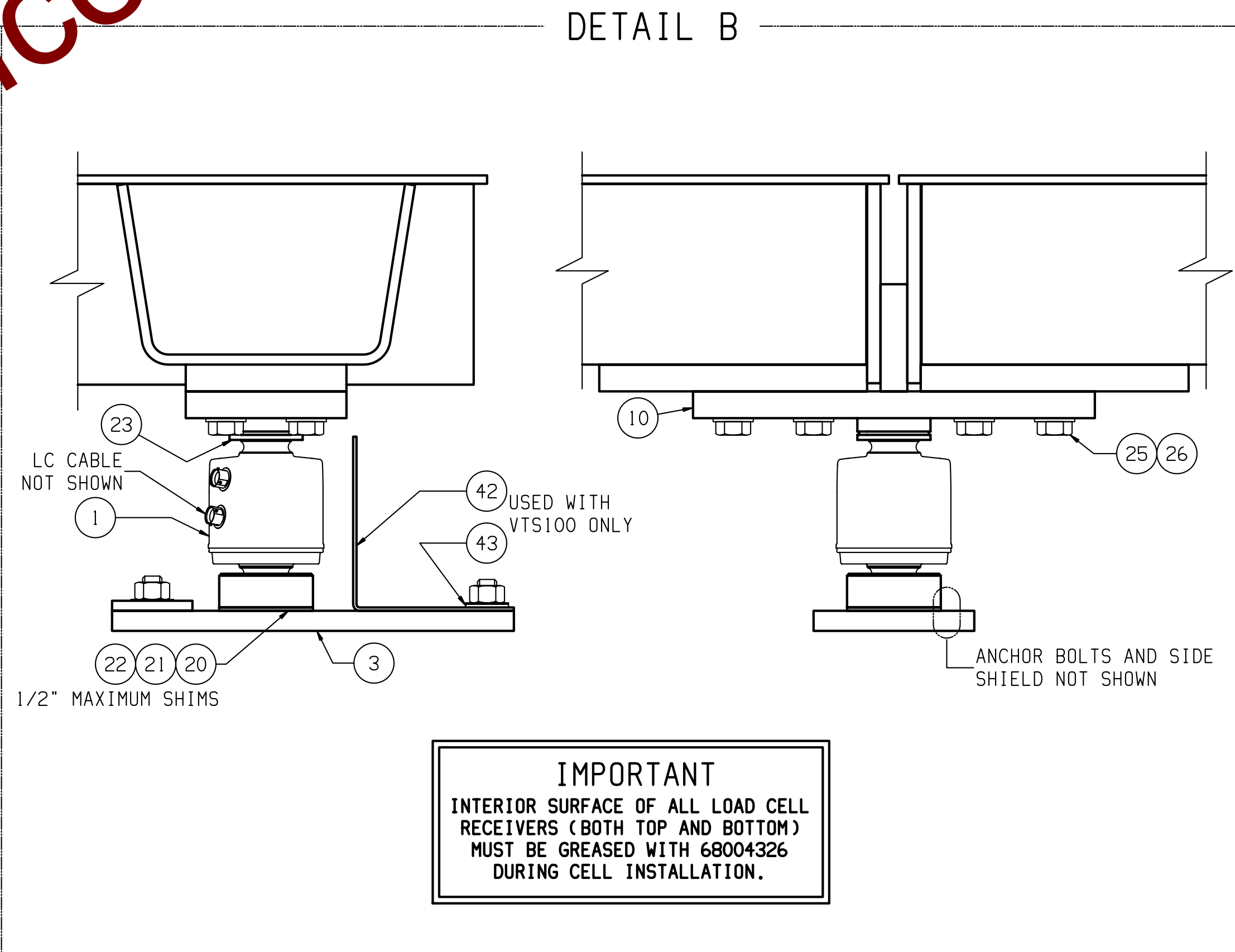
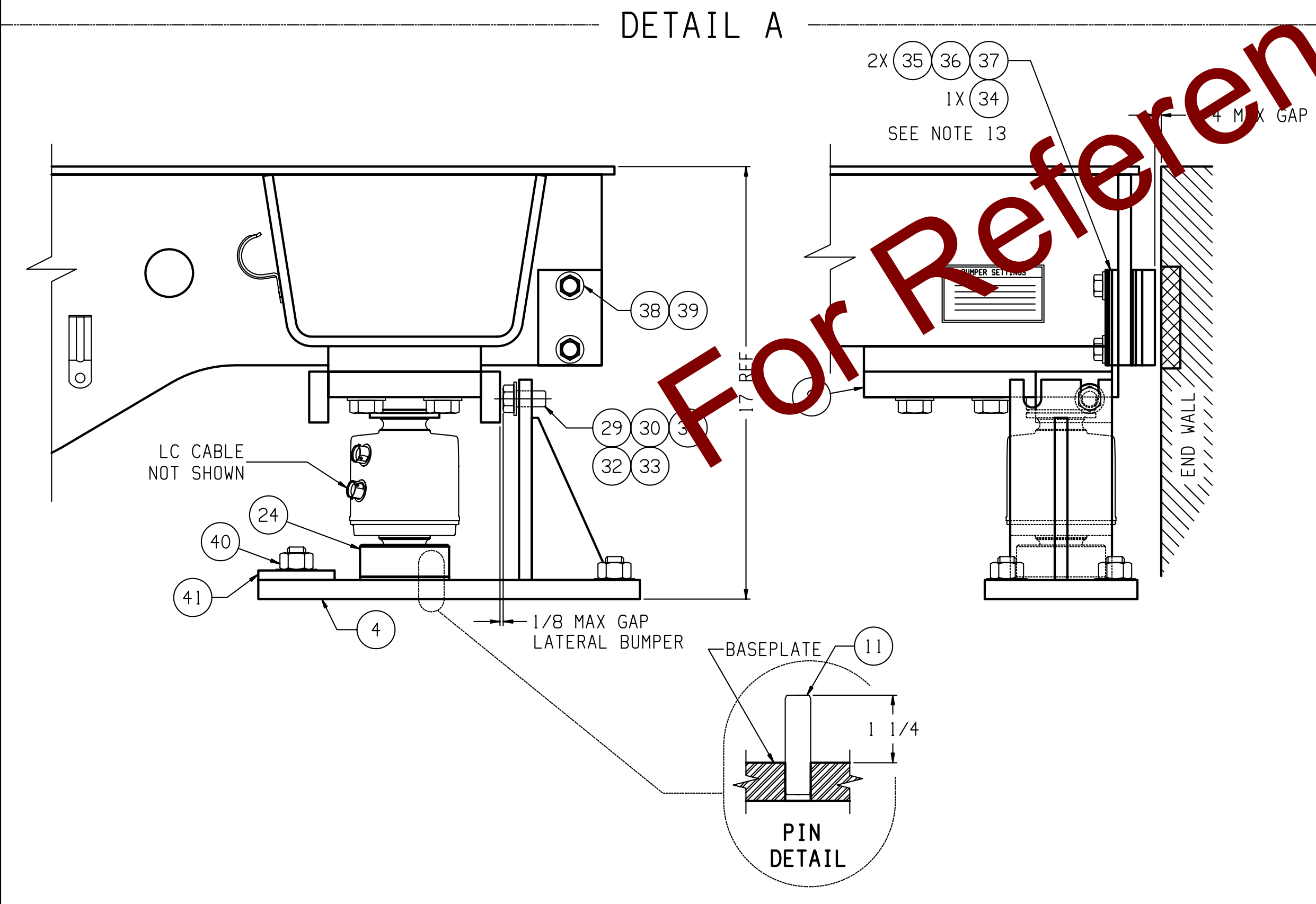


MODULE COMBINATIONS					DIMENSIONAL CHART						
SCALE SIZE	FIRST "D" DIM	MIDDLE "E" DIM	MIDDLE "F" DIM	TERMINAL "G" DIM	"A" FDN LENGTH	"B" OVERALL LENGTH	"C"	"D"	"E"	"F"	"G"
70'	17.5'	17.5'	17.5'	17.5'	70'-2 1/2" -0/+1	70'-0 5/8"	69'-6 1/2"	17'-3"	17'-6 1/4"	17'-6 1/4"	17'-3"
75'	17.5'	20'	20'	17.5'	75'-2 1/2" -0/+1	75'-0 5/8"	74'-6 1/2"	17'-3"	20'-1/4"	20'-1/4"	17'-3"
80'	20'	20'	20'	20'	80'-2 1/2" -0/+1	80'-0 5/8"	79'-6 1/2"	19'-9"	20'-1/4"	20'-1/4"	19'-9"
90'	23'	23'	20'	23'	90'-2 1/2" -0/+1	90'-0 5/8"	89'-6 1/2"	23'-1"	23'-4 1/4"	23'-1 1/4"	23'-1"
93'	23'	23'	23'	23'	93'-6 1/2" -0/+1	93'-4 5/8"	92'-10 1/2"	23'-1"	23'-4 1/4"	23'-1 1/4"	23'-1"



- INSTALLATION INSTRUCTIONS
- USE BASEPLATES AS TEMPLATES TO DRILL INSIDE (LARGE) ANCHOR HOLES PER FOUNDATION DRAWING DIMENSIONS, WHICH ARE ALSO DUPLICATED IN THE TABLE TO THE LEFT OF THESE NOTES. SET BASEPLATES IN PLACE. INSTALL INSIDE ANCHOR WITH CLAMP BAR, TIGHTEN TO SET ANCHOR, AND THEN LOOSEN SO THAT BASEPLATE CAN BE FREELY MOVED. INSTALL LOWER RECEIVER PINS AND BOTTOM HEX RECEIVERS. PLACE LOCATING TOOLS (AVAILABLE FROM METTLER TOLEDO) ON LOWER RECEIVERS.
 - INSTALL COUPLER/RECEIVER PLATES, END RECEIVER PLATES, AND TOP RECEIVERS ON FIRST MODULE. FASTENERS SHOULD BE SEATED AND SNUG BUT NOT TIGHTENED.
 - SET THE FIRST MODULE ON LOCATING TOOLS AT END OF FOUNDATION.
 - INSTALL COUPLER/RECEIVER PLATES AND TOP RECEIVERS ON THE NEXT (MIDDLE) MODULE, OPPOSITE THE END THAT WILL CONNECT TO THE PREVIOUS MODULE.
 - PLACE THE MODULE ON LOCATING TOOLS AND THE COUPLER/RECEIVER PLATES OF THE PREVIOUS MODULE. PULL THE MODULES TOGETHER, AND THEN INSTALL BOLTS IN THE COUPLER/RECEIVER PLATES (BUT DO NOT TIGHTEN).
 - REPEAT STEPS 4 AND 5 UNTIL ALL MIDDLE MODULES HAVE BEEN PLACED.
 - INSTALL END RECEIVER PLATES AND TOP RECEIVERS ON THE TERMINAL MODULE, OPPOSITE OF THE END THAT WILL CONNECT TO THE PREVIOUS MODULE. AGAIN, THE BOLTS SHOULD ONLY BE SNUGGED.
 - PLACE THE TERMINAL MODULE ON LOCATING TOOLS AND THE COUPLER/RECEIVER PLATES OF THE PREVIOUS MODULE. PULL THE MODULES TOGETHER, AND THEN INSTALL BOLTS IN THE COUPLER/RECEIVER PLATES (BUT DO NOT TIGHTEN).
 - ADJUST THE POSITIONS OF THE BASEPLATES AND MODULES AS NECESSARY TO SEAT THE LOCATING TOOL FLANGES ON THE RECEIVER FLANGES. USE RECEIVER SHIMS IF NECESSARY. CENTER THE SCALE WITHIN THE FOUNDATION.
 - AT THIS POINT, COUPLER SHIMS MAY BE USED IF NECESSARY TO FILL ANY GAP BETWEEN THE COUPLER/RECEIVER PLATES AND MODULES.
 - INSTALL AND TIGHTEN REMAINING BASEPLATE ANCHORS. APPLY LOCTITE TO COUPLER/RECEIVER PLATE AND END RECEIVER PLATE BOLTS AND TORQUE TO 100 lb-ft.
 - GREASE THE BEARING SURFACES AT THE ENDS OF THE LOAD CELLS WITH THE SUPPLIED LUBRICANT. INSTALL LOAD CELLS.
 - INSTALL END BUMPER COMPONENTS. ADJUST END BUMPER GAPS AS REQUIRED. WHEN ADJUSTING THE END BUMPERS, ALL SHIMS MUST REMAIN WITH THE ASSEMBLY. RELOCATE SHIMS FROM ONE SIDE OF THE ENDPLATE TO THE OTHER TO ADJUST THE END GAP. COMPLETE REMOVAL OF ANY SHIMS FROM THE ASSEMBLY WILL RESULT IN DAMAGE TO THE BUMPER ASSEMBLY. NOTE THAT SEASONAL BUMPER ADJUSTMENTS MAY BE REQUIRED.
 - LOCATE THE LATERAL BUMPER BOLTS, WASHERS, AND NUTS AND INSTALL. SET THE LATERAL BUMPER GAP AS SHOWN IN DETAIL A. TIGHTEN ALL LATERAL BUMPER FASTENERS.
 - LOCATE SIDE SHIELDS. ON ALL MIDDLE BASEPLATES, REMOVE THE NUTS AND WASHERS FROM THE TWO OUTER ANCHORS AND PLACE THE SIDE SHIELDS IN POSITION. NEXT PLACE A 3/4" WASHER (ITEM 43) ON THE ANCHOR AND THEN REINSTALL THE STANDARD WASHER AND NUT. ADJUST SIDE SHIELDS SO THAT THE LOAD CELLS ARE SHIELDED FROM THE ELEMENTS, BUT BE SURE THAT THE SIDE SHIELDS ARE NOT UNDER THE SCALE WHERE THEY MAY COME INTO CONTACT WITH THE SCALE PLATFORM.
 - REFER TO WIRING DIAGRAM FOR CABLING DETAILS.

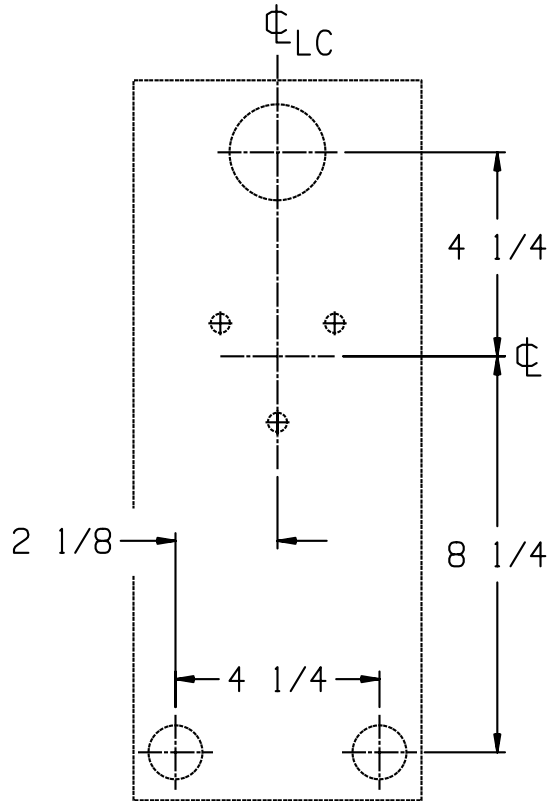
KIT 61082858 (VTS101) ONLY

VTS100 ONLY

VTS100 ONLY

--	1	68004258	CONNECTOR CLEANER
--	4	61038104	LOCTITE #262 THREADLOCKER
--	2	68004326	LUBRICANT, LOADCELL-RECEIVER
--	2	61077016	COUPLER SHIM (.062)
--	2	61077015	COUPLER SHIM (.125)
43	12	61038102	WASHER, 3/4, ZN (FOR 0782)
42	6	61038101	SIDE SHIELD, 304SS (FOR 0782)
41	10	69034087	CLAMP BAR, FOR BASEPLATE LARGE HOLE
40	30	68004325	ANCHOR BOLT, 3/4
39	8	61037252	1/2 WASHER NI
38	8	61038099	1/2-13 X 2 HHCS NI
37	8	61037796	END BUMPER SHIM (.062)
36	8	61037795	END BUMPER SHIM (.125)
35	8	61037794	END BUMPER SHIM (.25)
34	4	61037793	END BUMPER
33	12	68004062	WASHER, 5/8x1.31 OD F436
32	4	61037989	BOLT, 5/8-11x1 3/4 A325
31	4	68004109	SLOTTED SHIM 22 GA (.031)
30	4	68004108	SLOTTED SHIM 16 GA (.062)
29	4	61038115	NUT, 5/8-11, HEX, ZN
28	-	--	--
27	-	--	--
26	64	68004065	WASHER, 3/4 A325
25	64	61038114	BOLT, 3/4-10x2 Gr8 ZN
24	10	61043498 30283111 61046447	BOTTOM HEX RECEIVER (FOR PDX) BOTTOM HEX RECEIVER (FOR GDD) BOTTOM HEX RECEIVER (FOR 0782)
23	10	61043499 30283112 61046446	TOP RECEIVER WITH O-RING (FOR PDX) TOP RECEIVER WITH O-RING (FOR GDD) TOP RECEIVER WITH O-RING (FOR 0782)
22	20	61043491	RECEIVER SHIM 16 GA (.062)
21	10	61043490	RECEIVER SHIM 11 GA (.125)
20	10	61043489	RECEIVER SHIM 1/4"
ITEM	QTY	PART NUMBER	DESCRIPTION
KIT OF PARTS: 61082858 30291234 61088218			

--	1	61082858 30291234 61088218	HARDWARE KIT OF PARTS, PDX (VTS101) HARDWARE KIT OF PARTS, GDD (VTS100) HARDWARE KIT OF PARTS, 0782 (VTS100)
--	1	** 30283749 61080732	WIRING KIT, PDX WIRING KIT, GDD WIRING KIT, ANALOG
--	1	61043158	TOUCHUP PAINT KIT
11	30	61043497	LOWER RECEIVER MOUNTING PIN
10	6	61046440	COUPLER/RECEIVER PLATE
9	4	61077682	END RECEIVER PLATE
8	1	**	TERMINAL MODULE
7	1	**	MIDDLE MODULE
6	1	**	MIDDLE MODULE
5	1	**	FIRST MODULE
4	4	61046448	BASEPLATE, END
3	6	61045779	BASEPLATE, MID
2	1	61071325	DATA PLATE (NOT SHOWN)
1	10	42904891 72236271 71201709	LOAD CELL, PDX, 50+ LOAD CELL, GDD, 30+ LOAD CELL, 0782, ANALOG, 30+
ITEM	QTY	PART NUMBER	DESCRIPTION
MAJOR BILL OF MATERIAL			



DETAIL C
REFERENCE ANCHOR LOCATIONS.
USE BASEPLATE AS TEMPLATE.
OTHER SIDE IS OPPOSITE.

** PART NUMBER VARIES

REV	CHANGE	BY	DATE	SCALE .25	DATE 12/08/09	DRN JLB APPD	JLB 9/13/10	JLB 5/26/11	CAK 10/09/15	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE: FRACTIONAL .XX ±.02 DECIMAL .XXX ±.005 ANGULAR ±.5°	THIS PRINT IS FURNISHED WITH THE UNDERSTANDING THAT THE ESSENCE THEREOF WILL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN AUTHORIZATION OF METTLER-TOLEDO, LLC. ALL DESIGNS ARE THE PROPERTY OF METTLER-TOLEDO, LLC, AND WILL BE PROTECTED BY PATENTS.	61803002	REV D
A	ADDED 93" CONFIG.; REMOVED TN203056;												
B	REMOVED SIDE SHIELDS FROM "-1" KIT OF PARTS	JLB	7/7/10										
C	ADDED 90" CONFIG.	JLB	5/26/11										
D	ADDED GDD OPTION AND N109 (WAS TC207944)	CAK	10/09/15										

IMPORTANT
INTERIOR SURFACE OF ALL LOAD CELL
RECEIVERS (BOTH TOP AND BOTTOM)
MUST BE GREASED WITH 68004326
DURING CELL INSTALLATION.