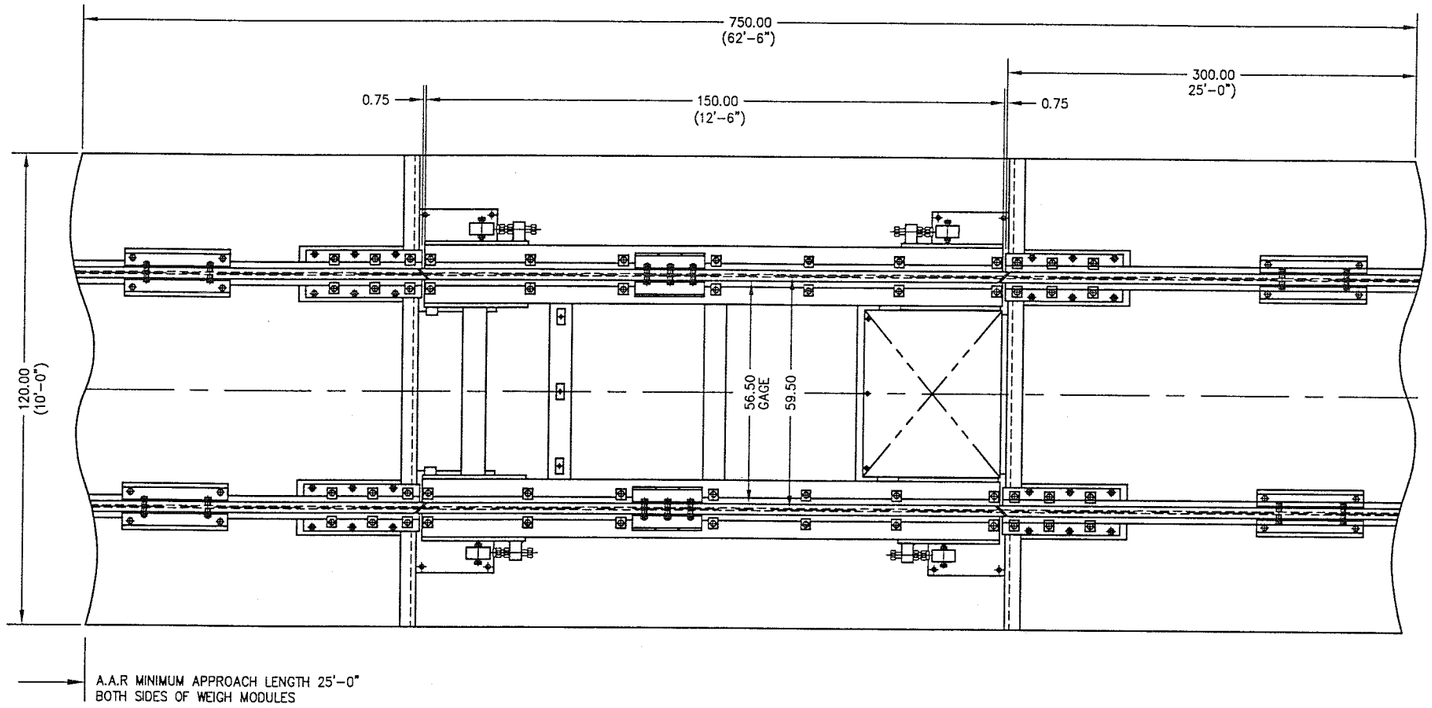
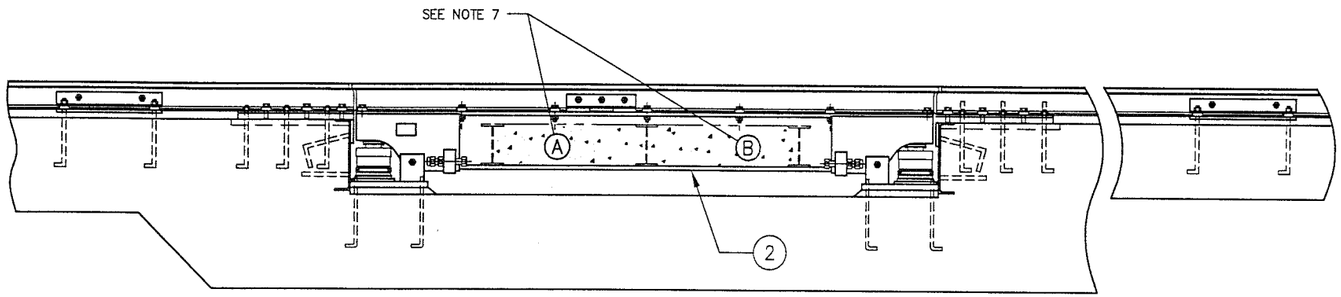




CUSTOMER: ALBANY SCALE, ALBANY, GA
FOR QUOTE ONLY
RAIL A.R.E.A 132 lb – TBD

NOTES:
1. WEIGH BRIDGE DESIGN FOR COOPER E80 LOADING
2. SECTIONAL CAPACITY 85 TON
3. SCALE CAPACITY ~~470 TON~~ 85 TON
4. RTS NTEP C.O.C. No. 97-122
5. HYDROSTATIC LOAD CELL 136-100RR (100,000 LB CAPACITY) NTEP C.O.C. No. 88-239-PA1
6. WEIGH RAIL A.R.E.A. 132 LB. (BY OTHERS)
7. FILL BAYS 'A' AND 'B' WITH ANY GRADE OF CONCRETE TO TOP OF TRANSVERSE BEAMS, BEFORE OR AFTER ASSEMBLY. (USED FOR BALLAST ONLY). (2.0 CU.YD.)

REF DWGS:

D-35547 2 OF 2	ASSEMBLY DETAIL AND MATERIAL LIST
D-35546 1 OF 2	FOUNDATION
D-35546 2 OF 2	FOUNDATION SECTION
B-35072	TUBING DIAGRAM

REV	DESCRIPTION	DATE	BY

ALL SHARP CORNERS AND EDGES TO BE BROKEN

DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS SPECIFIED OTHERWISE:

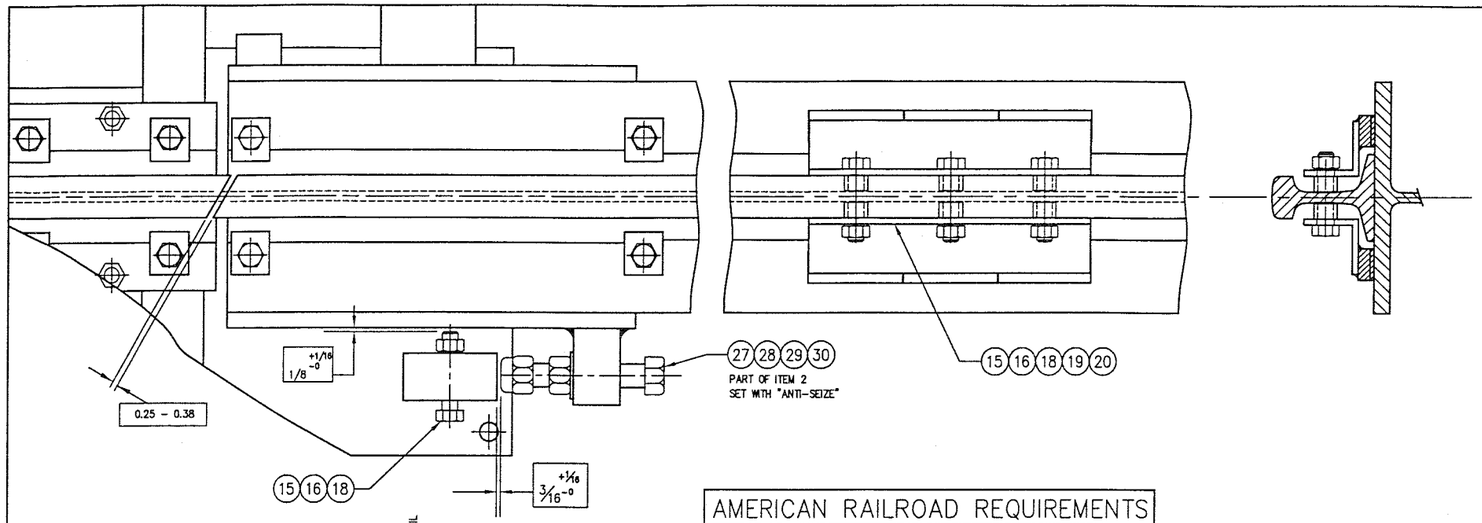
MACHINING	FABRICATION
.XX = ± .010	± .13
.XXX = ± .005	

DRAWN: CBM DATE: 3/14/02
CHECKED: DATE:
ACAD FILENAME: AC00899
LAYERS USED: ALL

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

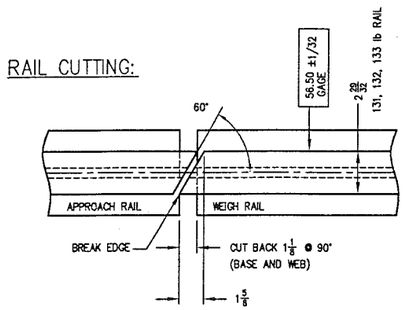
SINGLE RAILROAD TRACK SCALE
MODEL 62-85-12.5
ABOVE GROUND ASSEMBLY

SCALE	FIRST USED ON	DRAWING NO.	REV
1:20		D-35547 1 OF 2	



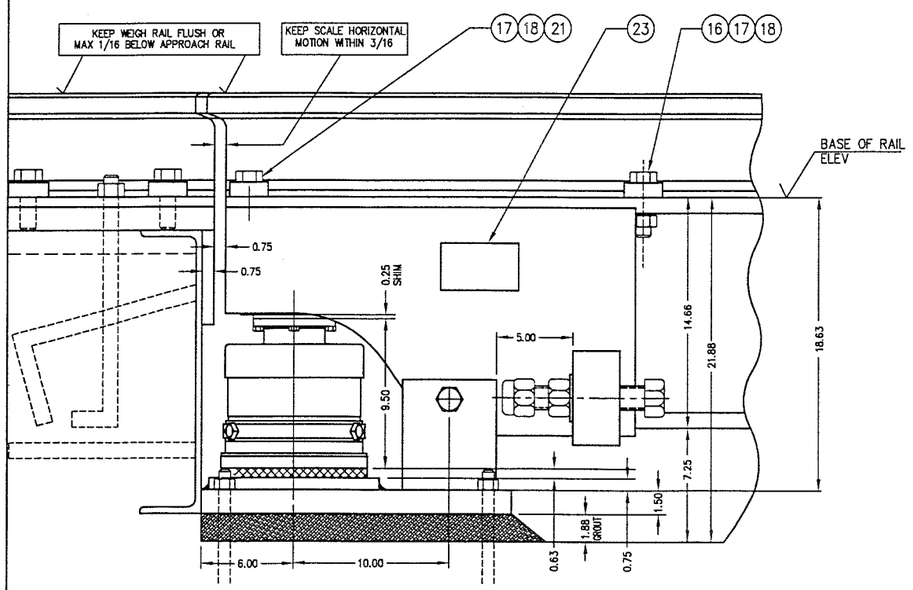
ITEM NO.	DESCRIPTION	QTY	MATERIAL	UNIT WT.	PART NO.	SIZE	WT.
1							
2	WEIGH BRIDGE 12.5'	1	ASTM A36		D-35088	131-133 lb	
3	LOAD CELL	4	SS 304		D-35226	136-100RR	
4	HHCS	16	SS 304		0.500-13UNC X 2.25		
5	WASHER MS 15795	31	SS 304		0.531 ID X 1.06 OD	98019A209 McMASTER CARR	
6	WASHER	16	NEOPRENE		A-19911		
7							
8	SHIM	12	SS 304		A-29869-1	0.06 THICK	
9	SHIM	8	SS 304		A-29869-2	0.03 THICK	
10	CENTERING RING	4	CS/ZN		B-29871		
11	HHCS	16	SS 304		0.375-16 UNC X 1.25		
12	ALIGNMENT GAGE	1	ALUM		B-30305		
13	SHOCK PAD	4	NEOPRENE		A-35223	SQUARE	
14	LOAD CELL ALIGN PLATE	4	ASTM A36		B-35224		
15	HEX HD SCREW	10	CS/ZN		1.000-8 UNC X 5.00	FULL THREAD, GRD 8	
16	HEX HD NUT	30	CS/ZN		1.000-8 UNC	2H	
17	HHSC	28	CS/ZN		1.000-8 UNC X 3.50	A-325	
18	LOCK WASHER	38	CS/ZN		1.000		
19	RAIL ANTI-CREEP (SCALE)	4	CS		B-35092	132 lb RAIL	
20	RAIL SPACER	12	CS		A-35068		
21	RAIL CLIPS	28	CS		No 62	TROMAR	
22							
23	SCALE NAME TAG	1	SS		B-34821		
24	REMOVABLE COVER	REF	CS		B-35085	0.25 4-WAY SAFETY PLATE	
25	HHCS	REF	SS 304		0.625-11 UNC X 0.75		
26							
27	HHSC	REF	CS/ZN		1.500-6 UNC X 8.00	FULL THREAD, GRD 8	
28	TRI-LOC NUT (SELF-LOCKING)	REF	CS/ZN		1.500-6 UNC	2H LOC-MOR, INC.	
29	BUMPER HEAD	REF	CS/ZN		A-32713-Y		
30	WASHER	REF	SS 304		1.500		
31							
32							

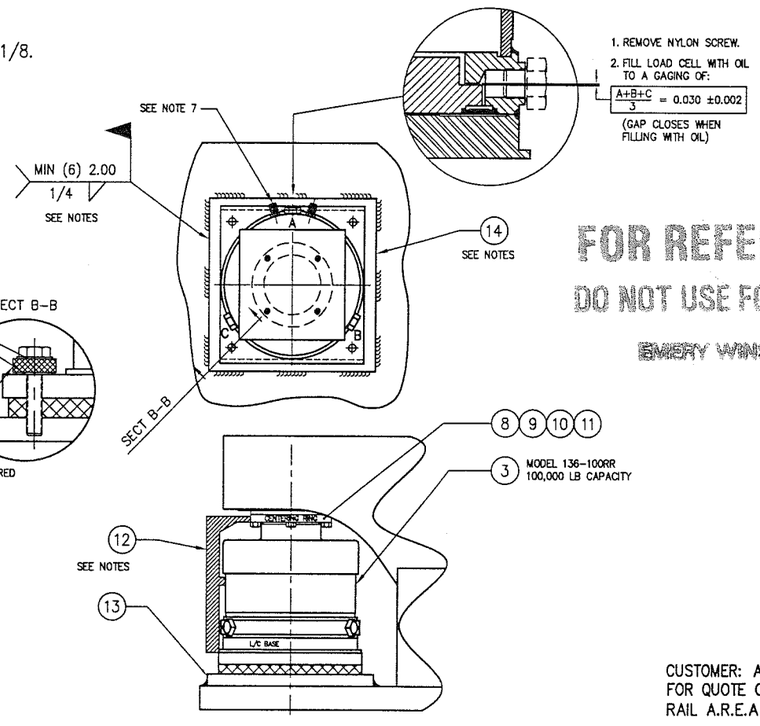
RAIL CUTTING:



AMERICAN RAILROAD REQUIREMENTS

1. THE APPROACH RAILS SHALL BE IN THE SAME PLANE AND ALIGNMENT AS THE WEIGH RAILS WITHIN 1/32 AND SHALL BE PROPERLY ANCHORED TO PREVENT CREEPAGE OF APPROACH RAILS IN ORDER TO MAINTAIN THE GAP BETWEEN THE WEIGH RAIL AND THE APPROACH RAIL HEAD.
2. EXPANSION RAILS ARE REQUIRED AT BOTH APPROACHES TO MINIMIZE THE EFFECT OF THERMAL EXPANSION.
3. THE GAP BETWEEN THE WEIGH RAIL HEADS AND THE APPROACH RAIL HEADS SHOULD NOT BE LESS THAN 1/4 INCH NOR GREATER THAN 3/8 INCH.
4. TRAIN SPEED MUST NOT EXCEED 8 MPH.
5. KEEP SCALE LONGITUDINAL MOTION WITHIN 3/16 AND TRANSVERSE MOTION WITHIN 1/8.
6. WEIGH RAIL SHOULD BE NEW AND CONTINUOUS OVER ENTIRE SCALE LENGTH.





CUSTOMER: ALBANY SCALE, ALBANY, GA
FOR QUOTE ONLY
RAIL A.R.E.A 132 lb – TBD

NOTES:

GROUTING OF LOAD CELL BASE PLATE AND ALIGNMENT OF LOAD CELLS:

1. SET LOAD CELL BASE PLATE TO PROPER HEIGHT AND LEVEL AS SPECIFIED, USING GREASED LEVELING SCREWS.
2. REMOVE PLATE, LAY A LAYER OF GROUT IN PLATE AREA SLIGHTLY HIGHER THAN REQUIRED.
3. BOLT BASE PLATE DOWN TO PRESET SCREWS, SQUEEZING OUT EXCESS GROUT. DOUBLE CHECK HEIGHT AND LEVEL
4. REMOVE LEVELING SCREWS AFTER APPROX 2 – 3 HOURS. TIGHTEN ANCHOR BOLTS WHEN PLACING LOAD CELLS.
5. CENTER LOAD CELL ON LOAD CELL ALIGNMENT PLATE.
6. CLAMP CELL IN POSITION USING BOLTS AND WASHERS PROVIDED.
7. PLACE CELL AND SHOCK PAD ON ALIGNMENT PLATE AS SHOWN. (TUBE FITTINGS SHOULD FACE A POSITION TO FACILITATE TUBING AND PURGING)
8. CENTER LOAD CELL BASE WITH RESPECT TO CENTERING RING BY USING ALIGNMENT GAGE AND MOVING LOAD CELL ALIGNMENT PLATE.
9. LOWER STRUCTURE ONTO LOAD CELL AND WELD ALIGNMENT PLATE IN PLACE.
10. TIGHTEN BOLTS.

REV	DESCRIPTION	DATE	BY

ALL SHARP CORNERS AND EDGES TO BE BROKEN

DIMENSIONS ARE IN INCHES.
TOLERANCES UNLESS SPECIFIED OTHERWISE:
MACHINING .XX = ± .01 .XXX = ± .005
FABRICATION ± .13

DRAWN: CBM DATE: 3/14/02
CHECKED: DATE:
ACAD FILENAME: AC00900
LAYERS USED: 1,2

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

SINGLE RAILROAD TRACK SCALE
MODEL 62-85-12.5
ASSEMBLY DETAILS – ABOVE GROUND

SCALE	FIRST USED ON	DRAWING NO.	REV
1:5		D-35547 2 OF 2	