

NOTE: IF HARDWARE IS LOCATED IN A HAZARDOUS LOCATION IT IS THE CUSTOMERS RESPONSIBILITY TO INSTALL AND MAKE ANY SPECIAL CONSIDERATIONS THAT MAY APPLY.

- 1) THE FOLLOWING ARE THE GUIDELINES IN DETERMINING THE PROPER LOCATION OF A BELT SCALE IN A CONVEYOR SYSTEM.
 - A) LOCATE IN AN AREA WHERE BELT TENSIONS (AND TENSION VARIATIONS) ARE MINIMAL.
 - B) IF LOCATED NEAR TAIL PULLEY, MOVE SYSTEM FORWARD ENOUGH SO THAT INFEED SKIRTBOARDS AND MATERIAL SLIPPAGE DO NOT INFLUENCE WEIGHING (20 FT. BEYOND SKIRTBOARDS)
 - C) IF LOCATION IS NEAR CONVEX CURVE AREA LOCATE SCALE 20 FT. (OR 5 IDLER SPACINGS) FROM TANGENT POINT OF THE RADIUS.
 - D) IF LOCATION IS NEAR CONCAVE CURVE AREA, LOCATE SCALE 40 TO 80 FT. FROM TANGENT POINT OF RADIUS.
 - E) LOCATION OF SCALE INVOLVING A BELT TRIPPER: LOCATE SCALE 40 TO 80 FT. BACK FROM MINIMAL MOVEMENT POINT OF TRIPPER.
 - F) LOCATE WHERE ERRORS DUE TO THE ENVIRONMENT CAN BE CONTROLLED.
 - G) LOCATE AWAY FROM ANY MECHANICAL EQUIPMENT ON THE CONVEYOR SYSTEM (CRUSHERS, FEEDERS, ETC.).
 - H) LOCATE WHERE RIGID STRINGER SUPPORT IS ADEQUATELY PROVIDED (MAX DEFLECTION .01" PER FT. OF IDLER SPACING)
- 2) USE CONVEYOR IDLERS WITH THE BEST ALIGNMENT CHARACTERISTICS.
- 3) IDLER SPACING NOT TO EXCEED 4'-6".
- 4) BELT TRAINING IDLERS TO BE LOCATED A MINIMUM OF 80 FT. ON EITHER SIDE OF SCALE.

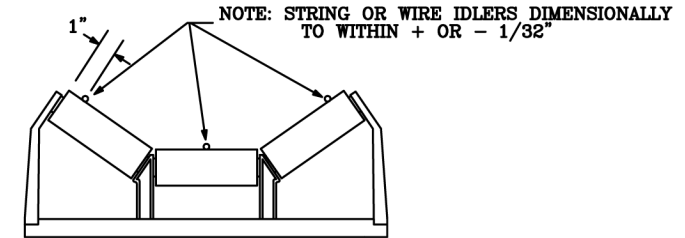
NOTE: THE CONDUIT RUNS AND INTEGRATOR LOCATION ON THIS DRAWING REPRESENT A TYPICAL INSTALLATION AND CAN BE ALTERED TO MEET THE CUSTOMERS NEEDS.

IT IS THE CUSTOMERS RESPONSIBILITY TO MEET ANY APPLICABLE CODES THAT MAY APPLY TO THE INSTALLATION OF THIS SYSTEM.

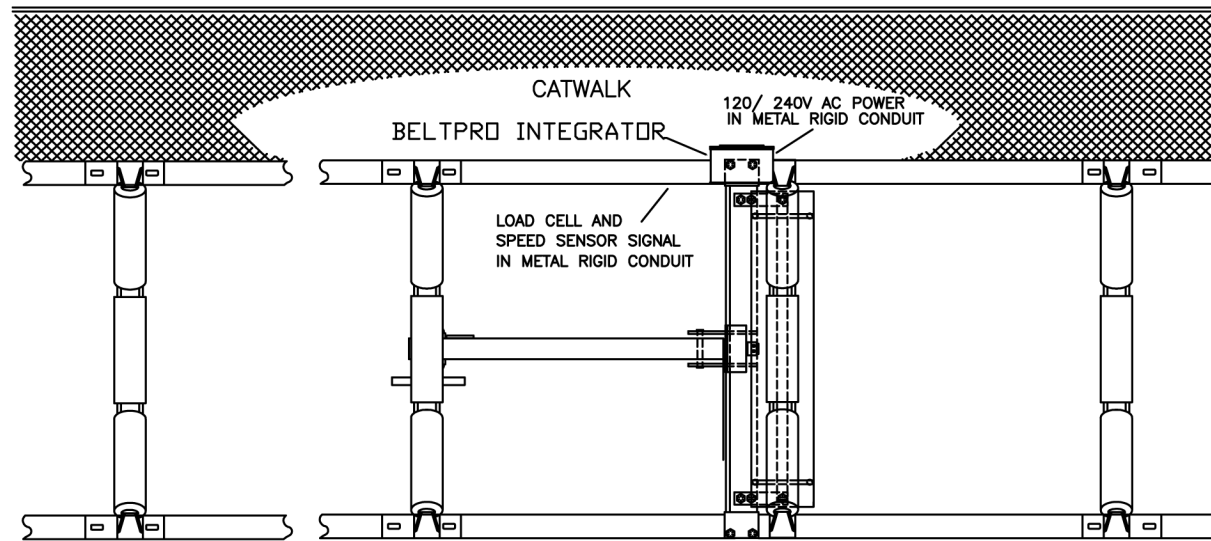
NOTE: THE SPEED SENSOR IS WIRED DIRECT THROUGH THE JUNCTION BOX
THE COLOR CODE IS:
BROWN +12
BLUE COMMON
BLACK -SIGNAL

BELT SCALE ALIGNMENT

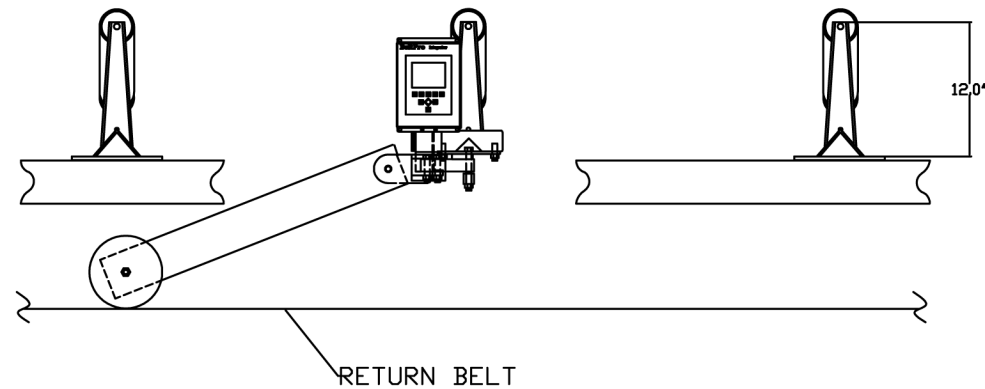
THE WEIGH PLATFORM IDLER AND 3 ENTRY AND EXIT IDLERS MUST BE DIMENSIONALLY ALIGNED TO WITHIN + OR - 1/32" GOOD IDLER ALIGNMENT THROUGHOUT THE ENTIRE CONVEYOR SYSTEM IS IMPORTANT FOR GOOD BELT TRACKING (TRAINING) UNDER ALL LOAD CONDITIONS.



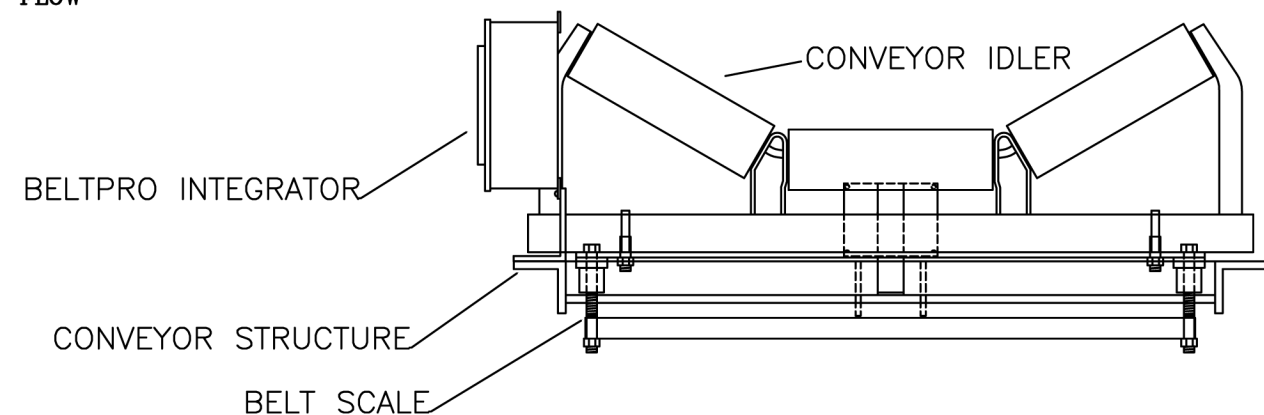
TOP VIEW



SIDE VIEW



FRONT VIEW



REV.	DESCRIPTION	DATE	BY	REV.	DESCRIPTION	DATE	BY
1	SPEED SENSOR LENGTH	12-7-04	S.A.F.				

CONVEYOR WEIGH

522 King Street Dunbar WV 25064 USA (304) 201-2354 www.conveyweigh.com

CUSTOMER	STANDARD CUSTOMER
SITE	TYPICAL SITE

DRAWING	REV.	P.O. NUMBER	DATE
INSTALLATION	1		11-30-04
TITLE		DRAWN BY	
CONVEYWEIGH BELT SCALE INSTALLATION DRAWING		S.A.F.	
		SCALE N.T.S.	
		PLOT DATE	

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