The customer must protect automated shuttles in a matter that restricts access by personnel. Equipment is controlled via automatic signals and may move at any time without operator intervention. It is the customer’s responsibility to provide the required barriers around all automated equipment and to see that all personnel working around the equipment follow proper safety procedures. Maintenance personnel working on or around the automated equipment must follow proper lock out tag out procedures when any adjustments and/or service is required. Failure to comply with these noted procedures may lead to injury or death.
TOLERANCES ARE:
DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED:
FRACTIONAL
ANGULAR MACH 2
TWO PLACE DECIMAL
THREE PLACE DECIMAL

ROME MACHINE & FOUNDRY CO.
TITLE: PLATFORM MOUNTING DETAIL
DRAWN: D.C.O.  DATE: 01-17-11
SHEET 3 OF 6

SHUTTLE FRAME SOILED SIDE
BASE FRAME SOILED SIDE
BOLT TO FRAME WITH 1" HEX BOLTS AND NUTS
1" BORE ROD-END BEARING FOUR PLACES
CENTER PLATFORM
BASE FRAME CLEAN SIDE
BOLT TO FRAME WITH 1" HEX BOLTS AND NUTS
1" BORE ROD-END BEARING FOUR PLACES
WELD TRACKS TOGETHER AND GRIND FLUSH

PLAN VIEW

MAXIMUM INCLINE/DECLINE IS 1/8" PER 10 FT OF LENGTH

ANCHOR TRACKS TO FLOOR

THE RAILS MUST BE LEVEL 1/32" SIDE TO SIDE FOR THE FULL LENGTH OF THE TRACKS

END VIEW
SECTION A-A
THESE ARE FOR EACH SHUTTLE (2 SYSTEMS REQ'D)

205 FT CABLE FLAT FLEX (12/C 16AWG) FC-1216 RMF #14032
205 FT CABLE FLAT FLEX (4/C 12AWG) FC-412 RMF #12705
  1 END CLAMP RMF #4278
  1 TOW TROLLEY RMF #4282
  30 INTERMEDIATE TROLLEY RMF #4277
  1 END STOP RMF #4283
  1 CONNECTOR 412 RMF #13876
  1 CONNECTOR 1216 RMF #4280
  1 TERMINAL STRIP 12 PT RMF #
  1 JUNCTION BOX (12" X 12" X 6") RMF #

THESE PARTS ARE FOR BOTH SHUTTLES

200 FT 12 GA C-TRACK RMF #4276
  7 TRACK JOINT RMF #5056
  32 TRACK HANGER RMF #4274
  64 CROSS ARM MOUNTING CLAMP RMF #5057

TYPICAL INSTALLATION 65.1/2" OF CABLE PER LOOP
(65.1/2" BETWEEN TROLLEY CENTERS)