

1. SCOPE This specification provides for the following types of cases:

- 1.1 High double, with 4 doors, C&S dwg. CS-2001 SH 1.
- 1.2 High single, with 2 doors, C&S dwg. CS-2001 SH 2.
- 1.3 Low single with 2 doors, C&S dwg. CS-2001 SH 3.

2. MATERIAL & WORKMANSHIP

- 2.1 Material & workmanship shall be first class in every respect.
- 2.2 Case to be made of 14 gauge (0.0747") Corten, degreased, unpainted sheet steel.
- 2.3 Galvanized steel foundation piers to be furnished including galvanized mounting fasteners.
- 2.4 Insulation for case walls, and doors to be 1" thick Thermax or approved equal. Roof insulation to be 2" thick Thermax or approved equal. Insulation shall be constructed of materials that are not a conductor of electricity.

3. DESIGN & CONSTRUCTION

- 3.1 Case to be fabricated by welding. All seams to be sealed with brown silicone type sealant.
- 3.2 Doors to be equipped with hooks to hold doors open at 90 and 180 degrees.
- 3.3 Doors to be equipped with heavy duty handles which are to be locked from the outside. Handles to actuate a three point latching system including a locking bar at top and bottom of case. Handles must be Corten steel with a hole opening of 9/16" diameter for padlock. Handles to be replaceable.
- 3.4 Doors to have reinforcing panels and to be gasketed to provide a weather tight seal.
- 3.5 Door hinges shall be made of Corten steel with grease fittings or phosphorus-bronze hinge pins.
- 3.6 Three 4-5/8" diameter cable knock-outs to be provided in floor for underground cable risers at terminal board side of high & low single cases. Six knock-outs to be provided in high double cases.

- 3.7 Provide one 36' length of 4" diameter steel pipe, one 4" diameter bushing, and two 4" lock nuts for securing pipe.
- 3.8 Aerial cable cut-outs, per detail C, with cover plates and gaskets, per detail D, as shown on drawing CS-2001 SH 4 are to be provided at each end of case as shown on individual drawings.
- 3.9 Fan cut-out, per detail B, with cover plate & gasket, per detail D as shown on drawing CS-2001 SH 4, to be provided in upper right side of case. A 4" x 4" square area of insulation is to be removed at all cutouts.
- 3.10 Screened free air inlet opening with cover of 15 sq. inches to be provided in lower portion of the case doors.
- 3.11 Provide and install 1-1/2" x 1/8" thick steel angle shelf supports with keyhole slots on each interior side, also on double cases install in center, two 1-1/2" x 1/8" thick steel angle supports welded to form a "T" member.
- 3.12 Relay bars, reference 2001-1 if required, to be made per relay bar assembly shown on CS-2001 SH 4. 3/4" plywood for mounting panel to be installed per CS-2001 SH 4.
- 3.13 Terminal boards, if required, to be 3/4" marine grade plywood and include all mounting brackets and hardware.
- 3.14 Interior metal parts to be primed and painted with gray enamel paint. Fire retardant gray paint, ALBIE COTE 107A (47-64395) or approved equal will be used on all interior non metallic surfaces.
- 3.15 Light with receptacle shall be installed in each case, item 9.
- 3.16 Light wiring to be enclosed by conduit.
- 3.17 Case floors to hold 500 pounds per square foot minimum with not more than 1/4" deflection.

SHEET 5

CONRAIL  **CS-2001**
STANDARD
STEEL CASE
SPECIFICATION

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REV.