

1 GENERAL

1.1 RELATED REQUIREMENTS

- .1 Section 09 91 99 - Painting for minor work.

1.2 REFERENCES

- .1 ASTM International
 - .1 ASTM C 645-11a, Standard Specification for Nonstructural Steel Framing Members.
 - .2 ASTM C 754-11, Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products.
- .2 Environmental Choice Program (ECP)
 - .1 CCD-047-98(R2005), Architectural Surface Coatings.
 - .2 CCD-048-95(R2006), Surface Coatings - Recycled Water-Borne.
- .3 Health Canada/Workplace Hazardous Materials Information System (WHMIS)
 - .1 Material Safety Data Sheets (MSDS).

1.3 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for [metal framing] and include product characteristics, performance criteria, physical size, finish and limitations.

2 PRODUCTS

2.1 MATERIALS

- .1 Non-load bearing channel stud framing: to ASTM C 645, 41 mm stud size, roll formed from 0.91 mm thickness hot dipped galvanized steel sheet, for screw attachment of gypsum board.
 - .1 Knock-out service holes at 460 mm centre.
- .2 Floor and ceiling tracks: to ASTM C 645, in widths to suit stud sizes, 32 mm flange height.
- .3 Ceiling track pierced with 64mm flange height, so required under structure; size to suit studs.
- .4 Metallic stiffeners: profiles of 32 mm x 41 mm, steel cold-rolled 1.4 mm in thickness, dressed in paint anticorrosion.
- .5 Product of sealing for soundproofing: in compliance with the standard CAN / CGSB-19.21

3 EXECUTION

3.1 EXAMINATION

- .1 Verification of Conditions: verify that conditions of substrate previously installed under other Sections or Contracts are acceptable for non-structural metal framing application in accordance

with manufacturer's written instructions.

- .1 Visually inspect substrate in presence of Ministerial Representative.
- .2 Inform Ministerial Representative of unacceptable conditions immediately upon discovery.
- .3 Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval to proceed from Ministerial Representative.

3.2 ERECTION

- .1 Align partition tracks at floor and ceiling and secure at 600 mm on centre maximum.
- .2 Install damp proof course under stud shoe tracks of partitions on slabs on grade.
- .3 Erect metal studding to tolerance of 1:1000.
- .4 Co-ordinate simultaneous erection of studs with installation of service lines. When erecting studs ensure web openings are aligned.
- .5 Frame openings and around built-in equipment, cabinets, access panels, on four sides. Extend framing into reveals. Check clearances with equipment suppliers.
- .6 Install steel studs or furring channel between studs for attaching electrical and other boxes.
- .7 Extend partitions to ceiling height except where noted otherwise on drawings.
- .8 Maintain clearance under beams and structural slabs to avoid transmission of structural loads to studs.
 - .1 Use 64mm leg ceiling tracks.
- .9 Install continuous insulating strips to isolate studs from uninsulated surfaces.

3.3 MECHANICAL INTEGRATION

- .1 Co-ordinate with the mechanical and electric works of partitions, for a perfect integration of elements.
- .2 Co-ordinate with the mechanical and electric works of ceilings for a perfect integration of lamps, diffusers, loudspeakers, alarms etc.

3.4 CLEANING

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
 - .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.

3.5 PROTECTION

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by non-structural metal framing application.

END OF SECTION