

1.1 RELATED SECTIONS

.1 Wood Framing:	06100
.2 Gypsum Board under roofing system	07510
.3 Steel Stud Systems:	09111

1.2 REFERENCE STANDARDS

- .1 Do work to CSA A82.31 - M1980 except where specified otherwise.

2.1 GYPSUM BOARD:

- .1 PLAIN: to CSA A82.27 - M 1977 standard, Type X indicated thickness, 1200 mm. wide x maximum practical length.
- .2 BACKING BOARD AND GYPSUM COREBOARD: to CSA A82.27 - M1977 plain and type X indicated thickness, square edges.
- .3 WATER RESISTANT : TO CSA A82.27 - M1977 standard indicated thickness, 1200 mm.wide x maximum practical length.
- .4 Exterior Sheathing: to CSA A82.27-M1977, indicated thickness, 1200mm wide by max. practical length.

2.2 METAL FURRING AND SUSPENSION SYSTEMS:

- .1 Metal furring runners, hangers, tie wires, inserts, anchors: to CSA A82.30-M1980, galvanized.
- .2 Drywall Furring Channels: .5mm core thickness galvanized steel channels for screw attachment of gypsum board.
- .3 Resilient Clips, drywall furring: .5 mm base steel thickness galvanized steel for resilient attachment of gypsum board.

2.2 FASTENINGS AND ADHESIVES:

- .1 SCREWS: to CSA A82.31 - 1980
- .2 STUD ADHESIVE: to CGSB 71 - GP - 25M.
- .3 LAMINATING COMPOUND: to CSA A82.31 - 1980 asbestos free.

2.3 ACCESSORIES:

- .1 RESILIENT CLIPS, DRYWALL FURRING: 0.5 mm. base steel thickness galvanized steel for resilient attachment of gypsum board.
- .2 CASING BEADS, CORNER BEADS FILL TYPE: 0.5 mm. base thickness commercial grade sheet steel with G90 zinc finish to ASTM A525 - 86; perforated flanges; one piece length per location.
- .3 ACOUSTIC SEALANT: to CGSB 19 - GP - 21M.
- .4 POLYETHYLENE: to CAN 2 - 51.33 - M80, type 2.
- .5 INSULATING STRIP; rubberized, moisture resistant, 3 mm. thick cork or closed all neoprene strip, 12 mm. wide, with self sticking permanent adhesive on one face; lengths as required.
- .6 JOINT COMPOUND: to CSA A82.31 - 1980, asbestos free.
- .7 CONTROL JOINT: vinyl ' EAZY - STRIP ' .

2.4 ACOUSTIC INSULATION;

- .1 FIBROUS BATT: to CSA 101 - 1975 preformed type 1A, nominal thickness 63.5 mm.

3.1 SUSPENDED AND FURRED CEILINGS:

- .1 Erect hangers and runner channels for suspended gypsum board ceilings to CSA A82.31 - 1980 except where specified otherwise.
- .2 Install work level to tolerance of 1: 1200.
- .3 Frame with furring channels, perimeter of openings for access panels, light fixtures, diffusers, grilles.
- .4 Install 19 x 64 mm. furring channels parallel to, and at exact locations of steel stud partition header track.
- .5 Furr for gypsum board faced vertical bulkheads within or at termination of ceilings.
- .6 Furr above suspended ceilings for gypsum board fire and sound stops and to form plenum area as indicated.
- .7 Support light fixtures by providing additional ceiling suspension hangers within 150mm of each corner and at maximum 600mm around perimeter of fixture.

3.2 WALL FURRING:

- .1 Install wall furring for gypsum board finishes to CSA A82.31 - 1980, except where specified otherwise.
- .2 Frame openings and around built in equipment, cabinets, access panels, on four sides. Extend furring into reveals. Confirm clearances for equipment and accommodate.
- .3 Furr, duct shafts, beams, columns, pipes and exposed services where indicated.

3.3 RESILIENT FURRING:

- .1 Erect drywall resilient furring transversely across studs, joists, between the layers of gypsum board, spaced maximum 600 mm. o.c. and not more than 150 mm. from ceiling / wall junction. Secure to each support with 25 mm. drywall screw.
- .2 Install 150 mm. continuous strip of 12.7 mm. gypsum board along base of partitions where resilient furring installed.

3.4 GYPSUM BOARD APPLICATION:

- .1 Do apply gypsum board until bucks, anchors, blocking, electrical and mechanical work are approved.
- .2 Apply single and double layer gypsum board to wood, metal furring or framing using screw fasteners or stud adhesive for first layer, laminating adhesive or screw fasteners for second layer Maximum spacing of screws 300 mm. o/c.
- .3 Apply single or double layer gypsum board to concrete, concrete block surfaces, where indicated, using laminating adhesive.
- .4 Apply Type X gypsum board where indicated, to obtain required fire rated assemblies.
- .5 Apply 12mm. diameter bead of acoustic sealant continuously around periphery of each face of partitioning to seal gypsum board / structure junction where partitions abut fixed building components. Seal full perimeter of cutouts around electrical boxes, ducts, in partitions where perimeter sealed with acoustic sealant.
- .6 In door openings through a fire separation, provide a gypsum board filler piece, the width and length of the head runner.

3.5 ACCESSORIES:

- .1 Erect accessories straight, plumb or level, rigid and at proper plane. Use full length pieces where practical. Make joints tight, accurately aligned and rigidly secured. Milre and fit corners accurately, free

from rough edges. Secure at 150 mm oc or using contact adhesive for full length.

- .2 Install casing beads around perimeter of suspended ceilings.
- .3 Install casing beads where gypsum board butts against surfaces having no trim concealing junction and where indicated.
- .4 Install insulating strips continuously at edge of gypsum board or casing beads abutting metal window or exterior door frames, to provide thermal break.

3.6 CONTROL JOINTS

- .1 Construct control joints of preformed units or two back -to-back casing beads set in gypsum board facing and supported independently on both sides of joint.
- .2 Provide continuous polyethylene dust barrier behind and across control joints.
- .3 Locate control joints at approximate 10 m spacing on long runs, at approximate 15 m spacing on ceilings.
- .4 Install control joints straight and true as per accessories, Paragraph 3.4.
- .5 Construct control joints in ceilings using preformed vinyl "Easy-Strip" units only.

3.7 ACCESS DOORS

- .1 Install access doors to electrical and mechanical fixtures specified in respective Sections.
- .2 Rigidly secure frames to furring or framing systems.

3.8 TAPING AND FILLING

- .1 Finish face panel joints and internal angles with joint system consisting of joint compound, joint tape and taping compound installed according to manufacturer's directions and feathered out onto panel faces.
- .2 Finish corner beads, control joints and trim as required with two coats of joint compound and one coat of taping compound, feathered out onto panel faces.
- .3 Fill screw head depressions with joint and taping compounds to bring flush with adjacent surface of gypsum board so as to be invisible after painting is completed.
- .4 Sand lightly to remove burred edges and other imperfections. Avoid sanding adjacent surface of board.
- .5 Completed installation to be smooth, level or plumb, free from waves and other defects and ready for painting.

3.9 SKIM COATING

- .1 Finish joints and fasteners normally. Sand very lightly. Mix the joint compound slightly thinner than for joint taping.
- .2 Lightly cover the entire drywall surface, using a trowel or drywall broadknife.
- .3 Immediately scrape the excess joint compound off to fill surface texture and variations. Allow the skim coat to dry completely, then carefully sand away any ridges before painting.

END 09250