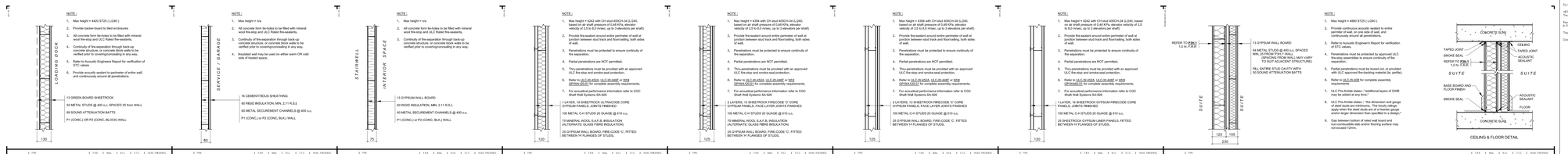


CEILING & FLOOR DETAIL

## Metal Stud Partition

P3 / A8-01

SCALE N.T.S.

| TAG | TYPE | F.R.R. | Batts | R.S.I. | S.T.C. | NOM. THICKNESS |
|---|---|---|---|---|---|---|
| P3 \| R1 | 92 METAL STUDS ACOUSTIC TURNING | - | - | - | - | 130 |
| P3 \| Q2 | INSULATED WALL | - | - | - | 2.11 | 80 |
| P3 \| Q1 | INSULATED WALL | - | - | - | 2.11 | 79 |
| P3 \| L4 | ELEVATOR / MECHANICAL / REFUSE SHAFT WALL | 2.0 hr. | NOTE 6 | - | 51 | 120 |
| P3 \| L3 | ELEVATOR / MECHANICAL / REFUSE SHAFT WALL | 2.0 hr. | NOTE 6 | - | 50 | 125 |
| P3 \| L2 | ELEVATOR / MECHANICAL / REFUSE SHAFT WALL | 2.0 hr. | NOTE 6 | - | 43 | 125 |
| P3 \| L1 | PIPE CHASE SHAFT WALL | 1.0 hr. | Yes - NOTE 6 | - | 39 | 120 |
| P3 \| J1 | ULC / W - 406 ( Modified ) DEMISING SUITE / to / SUITE | 1.0 hr. | Yes - ULC-W 406 | - | 51 Note 4 | 230 MIN. |

NOTE :

1. Max height = 4420 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

16 GREEN BOARD SHEETROCK
92 METAL STUDS @ 400 o.c. SPACED 25 from WALL
89 SOUND ATTENUATION BATTS
P1 (CONC.) OR P2 (CONC. BLOCK) WALL

NOTE :

1. Max height = n/a
2. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
3. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
4. Insulated wall may be used on either warm OR cold side of heated space.

16 CEMENTITIOUS SHEATHING
92 RIGID INSULATION, MIN. 2.11 R.S.I.
92 METAL SECUREMENT CHANNELS @ 400 o.c.
P1 (CONC.) or P2 (CONC. BLK.) WALL

NOTE :

1. Max height = n/a
2. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
3. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.

13 GYPSUM WALL BOARD
92 RIGID INSULATION, MIN. 2.11 R.S.I.
92 METAL SECUREMENT CHANNELS @ 400 o.c.
P1 (CONC.) or P2 (CONC. BLK.) WALL

NOTE :

1. Max height = 4380 ST25 ( LO40 )
2. Provide fire-sealant around entire perimeter of wall at junction between stud track and floor/ceiling, both sides of wall.
3. Penetrations must be protected to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Thru-penetrations must be provided with an approved ULC fire-stop and smoke-seal protection.
6. Refer to ULC-W-405 for complete assembly requirements
7. For acoustical performance information refer to CGC Shaft Wall Systems SA-926

1 LAYER, 16 SHEETROCK ULTRACODE CORE GYPSUM PANELS, JOINTS FINISHED
100 METAL CH STUDS 20 GUAGE @ 610 o.c.
75 MINERAL WOOL S.A.F.B. INSULATION (ALTERNATE: GLASS FIBRE INSULATION)
25 GYPSUM WALL BOARD, FIRE-CODE 'C', FITTED BETWEEN 'H' FLANGES OF STUDS.

NOTE :

1. Max height = 4380 ST25 ( LO40 )
2. Provide fire-sealant around entire perimeter of wall at junction between stud track and floor/ceiling, both sides of wall.
3. Penetrations must be protected to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Thru-penetrations must be provided with an approved ULC fire-stop and smoke-seal protection.
6. Refer to ULC-W-405A, ULC-W-446F or W8 GYPWK-DS17 for complete assembly requirements.
7. For acoustical performance information refer to CGC Shaft Wall Systems SA-926

2 LAYERS, 13 SHEETROCK FIRECODE 'C' CORE GYPSUM PANELS, FACE LAYER JOINTS FINISHED
100 METAL CH STUDS 20 GUAGE @ 610 o.c.
75 MINERAL WOOL S.A.F.B. INSULATION (ALTERNATE: GLASS FIBRE INSULATION)
25 GYPSUM WALL BOARD, FIRE-CODE 'C', FITTED BETWEEN 'H' FLANGES OF STUDS.

NOTE :

1. Max height = 4380 ST25 ( LO40 )
2. Provide fire-sealant around entire perimeter of wall at junction between stud track and floor/ceiling, both sides of wall.
3. Penetrations must be protected to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Thru-penetrations must be provided with an approved ULC fire-stop and smoke-seal protection.
6. Refer to ULC-W-405A, ULC-W-446F or W8 GYPWK-DS17 for complete assembly requirements.
7. For acoustical performance information refer to CGC Shaft Wall Systems SA-926

2 LAYERS, 13 SHEETROCK FIRECODE 'C' CORE GYPSUM PANELS, FACE LAYER JOINTS FINISHED
100 METAL CH STUDS 20 GUAGE @ 610 o.c.
25 GYPSUM WALL BOARD, FIRE-CODE 'C', FITTED BETWEEN 'H' FLANGES OF STUDS.

NOTE :

1. Max height = 4380 ST25 ( LO40 )
2. Provide fire-sealant around entire perimeter of wall at junction between stud track and floor/ceiling, both sides of wall.
3. Penetrations must be protected to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Thru-penetrations must be provided with an approved ULC fire-stop and smoke-seal protection.
6. Refer to ULC-W-405A, ULC-W-446F or W8 GYPWK-DS17 for complete assembly requirements.
7. For acoustical performance information refer to CGC Shaft Wall Systems SA-926

1 LAYER, 16 SHEETROCK GYPSUM FIRECODE CORE PANELS, JOINTS FINISHED
100 METAL CH STUDS 20 GUAGE @ 610 o.c.
25 SHEETROCK GYPSUM LINER PANELS, FITTED BETWEEN 'H' FLANGES OF STUDS.

NOTE :

1. Max height = 4560 ST25 ( LO40 )
2. Provide continuous acoustic sealant to entire perimeter of wall, on one side of wall, and continuously around all penetrations.
3. Refer to Acoustic Engineer's Report for verification of STC values.
4. Penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
5. Partial penetrations must be boxed out, or provided with approved fire-backing material (ie, perlite).
6. Refer to ULC-W-405A, ULC-W-446F or W8 GYPWK-DS17 for complete assembly requirements.
7. ULC Pre-Amble states ; "The dimension and gauge of steel studs are minimums. The hourly ratings apply when the steel studs are of a heavier gauge and/or larger dimension than specified in a design."
8. Gap between bottom of rated wall board and non-combustible slab and/or flooring surface may not exceed 12mm.

13 GYPSUM WALL BOARD
92 RIGID INSULATION, MIN. 2.11 R.S.I.
92 METAL SECUREMENT CHANNELS @ 400 o.c.
P1 (CONC.) or P2 (CONC. BLK.) WALL

NOTE :

1. Max height = 4560 ST25 ( LO40 )
2. Provide continuous acoustic sealant to entire perimeter of wall, on one side of wall, and continuously around all penetrations.
3. Refer to Acoustic Engineer's Report for verification of STC values.
4. Penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
5. Partial penetrations must be boxed out, or provided with approved fire-backing material (ie, perlite).
6. Refer to ULC-W-405A, ULC-W-446F or W8 GYPWK-DS17 for complete assembly requirements.
7. ULC Pre-Amble states ; "the dimension and gauge of steel studs are minimums. The hourly ratings apply when the steel studs are of a heavier gauge and/or larger dimension than specified in a design."
8. Gap between bottom of rated wall board and non-combustible slab and/or flooring surface may not exceed 12mm.

13 GYPSUM WALL BOARD
92 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 4560 ST25 ( LO40 )
2. Provide continuous acoustic sealant to entire perimeter of wall, on one side of wall, and continuously around all penetrations.
3. Refer to Acoustic Engineer's Report for verification of STC values.
4. Penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
5. Partial penetrations must be boxed out, or provided with approved fire-backing material (ie, perlite).
6. Refer to ULC-W-405A, ULC-W-446F or W8 GYPWK-DS17 for complete assembly requirements.
7. ULC Pre-Amble states ; "the dimension and gauge of steel studs are minimums. The hourly ratings apply when the steel studs are of a heavier gauge and/or larger dimension than specified in a design."
8. Gap between bottom of rated wall board and non-combustible slab and/or flooring surface may not exceed 12mm.

13 GYPSUM WALL BOARD
92 RIGID INSULATION, MIN. 2.11 R.S.I.
92 METAL SECUREMENT CHANNELS @ 400 o.c.
P1 (CONC.) or P2 (CONC. BLK.) WALL

NOTE :

1. Max height = n/a
2. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
3. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.

13 GYPSUM WALL BOARD
92 RIGID INSULATION, MIN. 2.11 R.S.I.
92 METAL SECUREMENT CHANNELS @ 400 o.c.
P1 (CONC.) or P2 (CONC. BLK.) WALL

NOTE :

1. Max height = 4560 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
152 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 4560 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures

13 GYPSUM WALL BOARD
152 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 4560 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values.
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

16 CEMENT BOARD
120 SOUND ATTENUATION BATTS
152 METAL STUDS @ 400 o.c. SPACED 15 from WALL
P1 (CONC.) or P2 (CONC. BLOCK) WALL

NOTE :

1. Max height = 4560 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values.
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
120 SOUND ATTENUATION BATTS
152 METAL STUDS @ 400 o.c. SPACED 15 from WALL
P1 (CONC.) or P2 (CONC. BLOCK) WALL

NOTE :

1. Max height = 4560 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values.
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
152 METAL STUDS @ 400 o.c.

| TAG | TYPE | F.R.R. | Batts | R.S.I. | S.T.C. | NOM. THICKNESS |
|---|---|---|---|---|---|---|
| P3 \| H1 | ULC / W - 406 ( Modified ) DEMISING - 92 METAL STUD SUITE / to / CORRIDOR | 1.0 hr. | Yes - ULC-W 406 | - | 51 Note 3 | 125 |
| P3 \| E7 | 152 METAL STUDS GENERAL USE, FIRE-RATED | 1 HR. | Yes - ULC - W405 | - | - | 185 |
| P3 \| E6 | 152 METAL STUDS GENERAL USE, ACOUSTIC | - | - | - | 51 | 180 |
| P3 \| E5 | 152 METAL STUDS GENERAL USE | - | - | - | - | 160 |
| P3 \| E4 | 152 METAL STUDS INSULATED FURRING | - | - | 3.6 | NOTE 5 | 180 |
| P3 \| E3 | 152 METAL STUDS ACOUSTIC FURRING, SERVICE AREAS | - | - | - | NOTE 5 | 165 |
| P3 \| E2 | 152 METAL STUDS ACOUSTIC FURRING | - | - | - | NOTE 5 | 180 |
| P3 \| E1 | 152 METAL STUDS FURRING / PIPE SPACES | - | - | - | - | 165 |

NOTE :

1. Max height = 4675 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. Refer to Acoustic Engineer's Report for verification of STC values.
4. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.
5. Partial penetrations must be boxed out, or provided with approved fire-backing material (ie, perlite).
6. Thru-penetrations must be provided with an approved ULC fire-stop and smoke-seal protection.
7. Refer to ULC-W-407 for complete assembly requirements.

16 GYPSUM WALL BOARD, FIRE-CODE 'C'
92 METAL STUDS @ 400 o.c.
16 GYPSUM WALL BOARD, FIRE-CODE 'C'

NOTE :

1. Max height = 4675 ST25 ( LO40 )
2. Provide dense/glass to tiled enclosures
3. Refer to Acoustic Engineer's Report for verification of STC values.
4. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
92 METAL STUDS @ 400 o.c.
89 SOUND ATTENUATION BATTS
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 4675 ST25 ( LO40 )
2. Provide dense/glass to tiled enclosures

13 GYPSUM WALL BOARD
92 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 4400 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
VAPOUR BARRIER
92 METAL STUDS @ 400 o.c. SPACED 15 from WALL
89 THERMAL INSULATION BATTS, MIN. 2.3 R.S.I.
BUILDING PAPER
P1 (CONC.) OR P2 (CONC. BLK) WALL
or
93 MINERAL WOOL THERMAL INSULATION BLANKETS, MIN. 2.3 R.S.I.
P1 (CONC.) OR P2 (CONC. BLK) WALL

NOTE :

1. Max height = 4400 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
92 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 4400 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
92 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 3810 ST25 ( LO40 )
2. Provide fire-sealant around entire perimeter of wall at junction between stud track and floor/ceiling, both sides of wall.
3. Penetrations must be protected to ensure continuity of fire separation.
4. Partial penetrations must be boxed out, or provided with approved fire-backing material (ie, perlite).
5. Thru-penetrations must be provided with an approved ULC fire-stop and smoke-seal protection.
6. Refer to ULC-W-403 for complete assembly requirements.

16 GYPSUM WALL BOARD, FIRE-CODE 'C'
64 METAL STUDS @ 400 o.c.
16 GYPSUM WALL BOARD, FIRE-CODE 'C'

NOTE :

1. Max height = 3810 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values.
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
64 METAL STUDS @ 400 o.c.
50 SOUND ATTENUATION BATTS
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 3810 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures

13 GYPSUM WALL BOARD
64 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 3350 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Maintain continous vapour barrier seal around perimeter of wall.

13 GYPSUM WALL BOARD
VAPOUR BARRIER
64 METAL STUDS @ 400 o.c. SPACED 15 from WALL
89 THERMAL INSULATION BATTS, MIN. 2.3 R.S.I.
BUILDING PAPER
P1 (CONC.) OR P2 (CONC. BLK) WALL
or
93 MINERAL WOOL THERMAL INSULATION BLANKETS, MIN. 2.3 R.S.I.
P1 (CONC.) OR P2 (CONC. BLK) WALL

| TAG | TYPE | F.R.R. | Batts | R.S.I. | S.T.C. | NOM. THICKNESS |
|---|---|---|---|---|---|---|
| P3 \| D7 | 92 METAL STUDS GENERAL USE, FIRE-RATED | 1 HR. | Yes - ULC W 407 | - | - | 125 |
| P3 \| D6 | 92 METAL STUDS GENERAL USE, ACOUSTIC | - | - | - | 51 | 120 |
| P3 \| D5 | 92 METAL STUDS GENERAL USE | - | - | - | - | 120 |
| P3 \| D4 | 92 METAL STUDS INSULATED FURRING | - | - | 2.3 | NOTE 5 | 120 |
| P3 \| D3 | 92 METAL STUDS ACOUSTIC FURRING SERVICE AREAS | - | - | - | NOTE 5 | 125 |
| P3 \| D2 | 92 METAL STUDS ACOUSTIC FURRING | - | - | - | NOTE 5 | 120 |
| P3 \| D1 | 92 METAL STUDS FURRING / PIPE SPACES | - | - | - | - | 105 |
| P3 \| C6 | 64 METAL STUDS GENERAL USE, FIRE-RATED | 1.0 hr. | Yes - W403 | - | - | 95 |
| P3 \| C5 | 64 METAL STUDS GENERAL USE, ACOUSTIC | - | - | - | 47 | 90 |
| P3 \| C4 | 64 METAL STUDS GENERAL USE | - | - | - | - | 90 |
| P3 \| C3 | 64 METAL STUDS INSULATED FURRING | - | - | 2.3 | NOTE 5 | 105 |

NOTE :

1. Max height = 3350 ST25 ( LO40 )
2. Provide dense/glass to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values.
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
50 SOUND ATTENUATION BATTS
64 METAL STUDS @ 400 o.c.
P1 (CONC.) OR P2 (CONC. BLK) WALL

NOTE :

1. Max height = 3350 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures

13 GYPSUM WALL BOARD
64 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :

1. Max height = 2895 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures

13 GYPSUM WALL BOARD
41 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :
FOR SUITE CEILING HEIGHT SOLD AT 3050mm
41 METAL STUDS FOR PARTITION P3-B4
TO BE @ 305mm O.C.

NOTE :

1. Max height = 2915 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures
3. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
4. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
5. Refer to Acoustic Engineers Report for verification of STC values.
6. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

13 GYPSUM WALL BOARD
50 SOUND ATTENUATION BATTS
41 METAL STUDS @ 400 o.c. SPACED 15 from WALL
P1 (CONC.) OR P2 (CONC. BLK) WALL

NOTE :

1. Max height = 2915 ST25 ( LO40 )
2. Provide backer-board to tiled enclosures

13 GYPSUM WALL BOARD
41 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD

NOTE :
FOR SUITE CEILING HEIGHT SOLD AT 3050mm
41 METAL STUDS FOR PARTITION P3-B1
TO BE @ 305mm O.C.

NOTE :

1. Provide backer-board to tile enclosures.
2. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
3. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
4. Refer to Acoustic Engineers Report for verification of STC values
5. Provide acoustic sealant to perimeter of entire wall and continuously around all penetrations.

2 LAYERS, 13 GYPSUM WALL BOARD
16 RESILIENT METAL CHANNELS @ 600 o.c.
20 SOUND ATTENUATION BATTS
P1 (CONC.) or P2 (CONC. BLK.) WALL

NOTE :

1. Provide backer-board to tile enclosures.
2. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
3. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
4. Refer to Acoustic Engineers Report for verification of STC values
5. Provide acoustic sealant to perimeter of entire wall and continuously around all penetrations.

13 GYPSUM WALL BOARD
16 RESILIENT METAL CHANNELS 600 O.C.
25 SOUND ATTENUATION BATTS
P1 (CONC.) or P2 (CONC. BLK.) WALL

NOTE :

1. Provide backer-board to tile enclosures.
2. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
3. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.
4. Refer to Acoustic Engineers Report for verification of STC values
5. Provide acoustic sealant to perimeter of entire wall and continuously around all penetrations.

13 GYPSUM WALL BOARD
16 RESILIENT METAL CHANNELS
P1 (CONC.) or P2 (CONC. BLK.) WALL

NOTE :

1. Provide backer-board to tile enclosures.
2. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
3. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.

13 GYPSUM WALL BOARD
25 METAL FURRING CHANNELS @ 400 O.C.
P1 (CONC.) or P2 (CONC. BLK.) WALL

NOTE :

1. Provide backer-board to tile enclosures.
2. All concrete form tie-holes to be filled with mineral wool fire-stop and ULC Rated fire-sealants.
3. Continuity of fire-separation through back-up concrete structure, or concrete block walls to be verified prior to covering/concealing in any way.

13 GYPSUM WALL BOARD LAMINATED TO
P1 (CONC.) or P2 (CONC. BLK.) WALL TYPE.

| TAG | TYPE | F.R.R. | Batts | R.S.I. | S.T.C. | NOM. THICKNESS |
|---|---|---|---|---|---|---|
| P3 \| C2 | 64 METAL STUDS ACOUSTIC FURRING | - | - | - | NOTE 5 | 95 |
| P3 \| C1 | 64 METAL STUDS FURRING / PIPE SPACES | - | - | - | - | 80 |
| P3 \| B4 | 41 METAL STUDS GENERAL USE | - | - | 1.4 | NOTE 5 | 70 |
| P3 \| B3 | 41 METAL STUDS INSULATED FURRING | - | - | 1.4 | NOTE 5 | 70 |
| P3 \| B2 | 41 METAL STUDS ACOUSTIC FURRING | - | - | - | NOTE 5 | 70 |
| P3 \| B1 | 41 METAL STUDS FURRING / PIPE SPACES | - | - | - | - | 55 |
| P3 \| A5 | RESILIENT METAL CHANNELS ACOUSTIC | - | - | - | VARIES | 45 |
| P3 \| A4 | RESILIENT METAL CHANNELS ACOUSTIC | - | - | - | VARIES | 30 |
| P3 \| A3 | FURRING CHANNELS ACOUSTIC | - | - | - | VARIES | 30 |
| P3 \| A2 | FURRING CHANNELS | - | - | - | - | 40 |
| P3 \| A1 | LAMINATED DRYWALL | - | - | - | - | 15 |

## Metal Stud Partition

P3 / A8-01

SCALE N.T.S.

NOTE :

1. Maximum height guideline is 5340 (non-load bearing), 2900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.
7. Refer to Acoustic Engineers Report for verification of STC values
8. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

FIRE-RATING :

9. Refer to individual block assemblies for F.R.R. testing references.

Refer to A6 / P2 | B2
50 ACOUSTIC INSULATION BOARD

NOTE :

1. Maximum height guideline is 6340 (non-load bearing), 2900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.
7. Refer to Acoustic Engineers Report for verification of STC values
8. Provide acoustic sealant to perimeter of entire wall, and continuously around all penetrations.

FIRE-RATING :

9. Refer to individual block assemblies for F.R.R. testing references.

Refer to A6 / P2 | B2
50 ACOUSTIC INSULATION BOARD

NOTE :

1. Maximum height guideline is 6340 (non-load bearing), 2900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.

FIRE-RATING :

7a. N.B.C. 2010 Table 5.2.1.1 for Type C-Concrete (O.B.C. 2012 SB-2 Table 2.1.1 for Type C in N-Concrete)

190 CONCRETE BLOCK , STANDARD HOLLOW (56% SOLID) WITH BOTH CELLS FILLED WITH GROUT and one TWO COATS OF PAINT TO UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.

NOTE :

1. Maximum height guideline is 6340 (non-load bearing), 2900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.

FIRE-RATING :

7a. N.B.C. 2010 Table 5.2.1.1 for Type C-Concrete (O.B.C. 2012 SB-2 Table 2.1.1 for Type C in N-Concrete)

7b. ULC 0565 - Type N-15 Concrete, ULC Tested Supplies ONLY 2.0 hr F.R.R.

190 CONCRETE BLOCK , 75% SOLID (75% SOLID) WITH BOTH CELLS FILLED WITH UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.

NOTE :

1. Maximum height guideline is 6340 (non-load bearing), 3900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.

FIRE-RATING :

7a. N.B.C. 2010 Table 5.2.1.1 for Type C-Concrete (O.B.C. 2012 SB-2 Table 2.1.1 for Type C in N-Concrete)

7b. ULC 0564 - Type N-15 Concrete, ULC Tested Supplies ONLY 3.0 hr F.R.R.

190 CONCRETE BLOCK , 75% SOLID (75% SOLID) WITH BOTH CELLS FILLED WITH UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.

NOTE :

1. Maximum height guideline is 6340 (non-load bearing), 3900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.

FIRE-RATING :

7a. N.B.C. 2010 Table 5.2.1.1 for Type C-Concrete (O.B.C. 2012 SB-2 Table 2.1.1 for Type C in N-Concrete)

7b. ULC 0565 - Type N-15 Concrete, ULC tested supplies ONLY 2.0 hr F.R.R.

140 CONCRETE BLOCK , STANDARD HOLLOW (56% SOLID) WITH BOTH CELLS FILLED WITH GROUT and one TWO COATS OF PAINT TO UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.

NOTE :

1. Maximum height guideline is 5340 (non-load bearing), 2900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.

FIRE-RATING :

7a. N.B.C. 2010 Table 5.2.1.1 for Type C-Concrete (O.B.C. 2012 SB-2 Table 2.1.1 for Type C in N-Concrete)

140 CONCRETE BLOCK , 75% SOLID (75% SOLID) WITH BOTH CELLS FILLED WITH UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.

NOTE :

1. Maximum height guideline is 5340 (non-load bearing), 2900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.

FIRE-RATING :

7a. N.B.C. 2010 Table 5.2.1.1 for Type C-Concrete (O.B.C. 2012 SB-2 Table 2.1.1 for Type C in N-Concrete)

140 CONCRETE BLOCK , 75% SOLID - GENERAL USE

NOTE :

1. Maximum height guideline is 5340 (non-load bearing), 2900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.

FIRE-RATING :

7a. N.B.C. 2010 Table 5.2.1.1 for Type C-Concrete (O.B.C. 2012 SB-2 Table 2.1.1 for Type C in N-Concrete)

140 CONCRETE BLOCK , 50% SOLID (50% SOLID) WITH BOTH CELLS FILLED WITH UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.

NOTE :

1. Maximum height guideline is 5340 (non-load bearing), 2900 (load bearing)
2. Refer to Structural Engineering drawings for lateral support details and maximum height spans.
3. Thru-penetrations must be protected by approved ULC fire-stop assemblies to ensure continuity of fire separation.
4. Partial penetrations are NOT permitted.
5. Provide mineral wool fire-stopping and smoke-seal caulk at gap between top of block and underside of structure above.
6. Continuity of fire-separation to be verified prior to covering/concealing in any way.

FIRE-RATING :

7a. N.B.C. 2010 Table 5.2.1.1 for Type C-Concrete (O.B.C. 2012 SB-2 Table 2.1.1 for Type C in N-Concrete)

140 CONCRETE BLOCK , STANDARD HOLLOW (56% SOLID) WITH BOTH CELLS FILLED WITH GROUT and one TWO COATS OF PAINT TO UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC