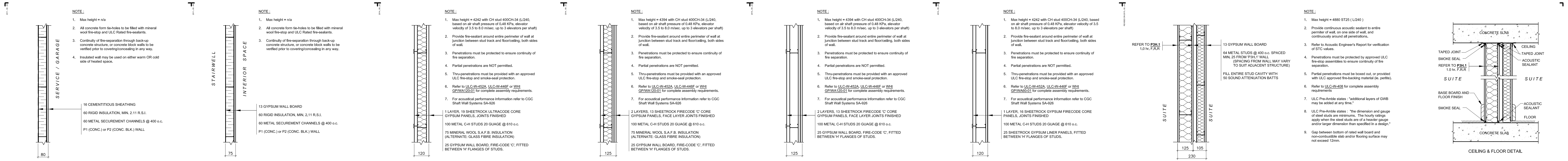

16 CEMENTITIOUS SHEATHING
60 RIGID INSULATION, MIN. 2.11 R.S.I.
60 METAL SECUREMENT CHANNELS @ 400 o.c.
P1 (CONC.) or P2 (CONC. BLK.) WALL
13 GYPSUM WALL BOARD
1 LAYER, 19 SHEETROCK ULTRACODE CORE GYPSUM PANELS, JOINTS FINISHED
100 METAL C-H STUDS 20 GUAGE @ 610 o.c.
75 MINERAL WOOL S.A.F.B. INSULATION (ALTERNATE: GLASS FIBRE INSULATION)
25 GYPSUM WALL BOARD, FIRE-CODE 'C', FITTED BETWEEN 'H' FLANGES OF STUDS.
2 LAYERS, 13 SHEETROCK FIRECODE 'C' CORE GYPSUM PANELS, FACE LAYER JOINTS FINISHED
1 LAYER, 16 SHEETROCK GYPSUM FIRECODE CORE PANELS, JOINTS FINISHED
25 SHEETROCK GYPSUM LINER PANELS, FITTED BETWEEN 'H' FLANGES OF STUDS.
SUITE
CEILING
TAPED JOINT
ACOUSTIC SEALANT
SMOKE SEAL
FLOOR
CONCRETE SLAB
80
75
120
125
125
120
125
105
230

CEILING & FLOOR DETAIL

8. 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."

9. Gap between bottom of rated wall board and non-combustible slab and/or flooring surface may not exceed 12mm.

	TYPE:	F.R.R.	Refer.	R.S.I.	S.T.C.	NOM. THICKNESS
P3 Q2	INSULATED WALL	-	-	2.11	-	80
P3 Q1	INSULATED WALL	-	-	2.11	-	75
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.	NOTE 6	-	39	120
P3 J1	ULC - W - 408 (Modified), DEMISING SUITE - to - SUITE	1.0 hr.	ULC-W-408	-	51 Note-4	230 MIN.

Metal Stud Partition

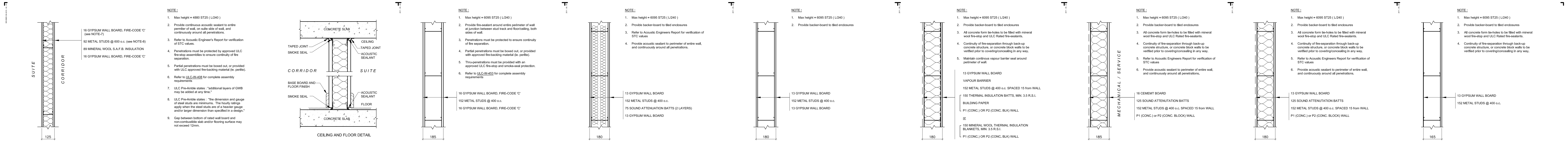
P3 A8-01

SCALE N.T.S.

NOTE :

1. Max height = 4880 ST25 (L/240)

2. Provide continuous acoustic sealant to entire


16 GYPSUM WALL BOARD, FIRE-CODE 'C'
152 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD
75 SOUND ATTENUATION BATTS (2 LAYERS)
150 THERMAL INSULATION BATTS, MIN. 3.5 R.S.I.
BUILDING PAPER
P1 (CONC.) OR P2 (CONC. BLK) WALL
or
150 MINERAL WOOL THERMAL INSULATION BLANKETS, MIN. 3.5 R.S.I.
16 CEMEMT BOARD
125 SOUND ATTENUTATION BATTS
152 METAL STUDS @ 400 o.c. SPACED 15 from WALL
P1 (CONC.) or P2 (CONC. BLOCK) WALL
SMOKE SEAL
ACOUSTIC SEALANT
FLOOR
CONCRETE SLAB
MECHANICAL / SERVICE
125
185
180
180
180
185
180
165

CEILING AND FLOOR DETAIL

NOTE :

1. Max height = 6095 ST25 (L/240)

2. Provide fire-sealant around entire perimeter of wall

NOTE :

1. Max height = 6095 ST25 (L/240)

2. Provide backer-board to tiled enclosures

	TYPE:	F.R.R.	Refer.	R.S.I.	S.T.C.	NOM. THICKNESS
P3 H1	ULC - W - 408 (Modified), DEMISING - 92 METAL STUD SUITE - to - CORRIDOR	1.0 hr.	ULC-W-408	-	51 Note-3	125
P3 E7	152 METAL STUDS GENERAL USE, FIRE-RATED	1 HR.	ULC - W453	-	-	185
P3 E6	152 METAL STUDS GENERAL USE, ACOUSTIC	-	-	-	51	180
P3 E5	152 METAL STUDS GENERAL USE	-	-	-	-	180
P3 E4	152 METAL STUDS INSULATED FURRING	-	-	3.5	NOTE 5	180
P3 E3	152 METAL STUDS ACOUSTIC FURRING, SERVICE AREAS	-	-	-	NOTE 5	185
P3 E2	152 METAL STUDS ACOUSTIC FURRING	-	-	-	NOTE 5	180
P3 E1	152 METAL STUDS FURRING / PIPE SPACES	-	-	-	-	165

Metal Stud Partition

P3 A8-01

SCALE N.T.S.

NOTE :

1. Max height = 4875 ST25 (L/240)

2. Provide densglass to tiled enclosures

NOTE :

1. Max height = 4420 ST25 (L/240)

2. Provide backer-board to tiled enclosures

NOTE :

1. Max height = 3810 ST25 (L/240)

2. Provide fire-sealant around entire perimeter of wall

NOTE :

1. Max height = 3350 ST25 (L/240)

2. Provide backer-board to tiled enclosures

16 GYPSUM WALL BOARD, FIRE-CODE 'C'
92 METAL STUDS @ 400 o.c.
89 SOUND ATTENUATION BATTS
13 GYPSUM WALL BOARD
BUILDING PAPER
P1 (CONC.) OR P2 (CONC. BLK) WALL
or
89 MINERAL WOOL THERMAL INSULATION BLANKETS, MIN. 2.3 R.S.I.
92 METAL STUDS @ 400 o.c. SPACED 15 from WALL
64 METAL STUDS @ 400 o.c.
50 SOUND ATTENUATION BATTS
MECHANICAL / SERVICE
125
120
120
120
125
120
105
95
90
90
105

	TYPE:	F.R.R.	Refer.	R.S.I.	S.T.C.	NOM. THICKNESS
P3 D7	92 METAL STUDS GENERAL USE, FIRE-RATED	1 HR.	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.	ULC W453	-	47	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

Metal Stud Partition

P3 A8-01

SCALE N.T.S.

NOTE :

1. Max height = 3350 ST25 (L/240)

NOTE :

1. Max height = 2895 ST25 (L/240)

NOTE :

1. Max height = 2515 ST25 (L/240)

NOTE :

1. Provide backer-board to tile enclosures.

2. All concrete form tie-holes to be filled with mineral wool

75 SOUND ATTENUATION BATTS
64 METAL STUDS @ 400 o.c. SPACED 15 from WALL
P1 (CONC.) OR P2 (CONC. BLK) WALL
64 METAL STUDS @ 400 o.c.
41 METAL STUDS @ 400 o.c.
13 GYPSUM WALL BOARD
BUILDING PAPER
or
50 MINERAL WOOL THERMAL INSULATION BLANKETS MIN. 1.4 R.S.I.
50 SOUND ATTENUATION BATTS
41 METAL STUDS @ 400 o.c. SPACED 15 from WALL
16 RESILIENT METAL CHANNELS @ 600 o.c.
25 SOUND ATTENUATION BATTS
P1 (CONC.) or P2 (CONC. BLK.) WALL.
16 RESILIENT METAL CHANNELS 600 O.C.
95
80
70
70
70
55
45
30
30
40
15

	TYPE:	F.R.R.	Refer.	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	-	-	-	-	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

	TYPE:	F.R.R.	Refer.	R.	S.T.C.	NOM. THICKNESS
P3 A5	RESILIENT METAL CHANNELS ACOUSTIC	-	NOTE 3	-	VARIES	45
P3 A4	RESILIENT METAL CHANNELS ACOUSTIC	-	NOTE 3	-	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 5040 (non-load bearing), 2800 (load bearing)

2. Refer to Structural Engineering drawings for lateral support

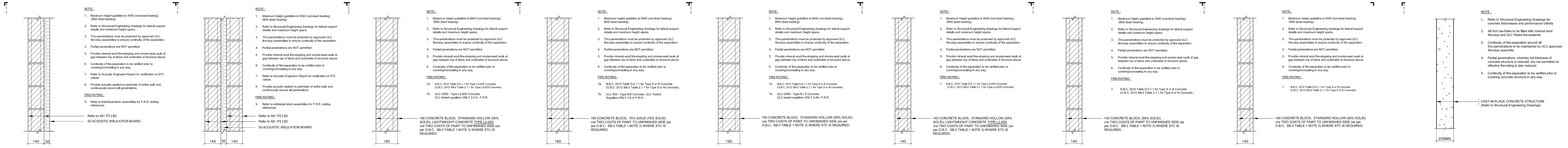
NOTE :

1. Maximum height guideline is 6840 (non-load bearing), 3800 (load bearing)

NOTE :

1. Refer to Structural Engineering Drawings for concrete thicknesses and performance criteria.

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


Refer to A8 / P2 | B2
50 ACOUSTIC INSULATION BOARD
140
50
190 CONCRETE BLOCK, STANDARD HOLLOW (56% SOLID), LIGHTWEIGHT CONCRETE TYPE L2-20S c/w TWO COATS OF PAINT TO UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.
190 CONCRETE BLOCK, 75% SOLID (78% SOLID) c/w TWO COATS OF PAINT TO UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.
190 CONCRETE BLOCK, STANDARD HOLLOW (56% SOLID) c/w TWO COATS OF PAINT TO UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.
140 CONCRETE BLOCK, STANDARD HOLLOW (58% SOLID), LIGHTWEIGHT CONCRETE TYPE L2-20S c/w TWO COATS OF PAINT TO UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.
140 CONCRETE BLOCK, (80% SOLID) c/w TWO COATS OF PAINT TO UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.
140 CONCRETE BLOCK, STANDARD HOLLOW (58% SOLID) c/w TWO COATS OF PAINT TO UNFINISHED SIDE (as per O.B.C. SB-3 TABLE 1 NOTE 3) WHERE STC IS REQUIRED.
CAST-IN-PLACE CONCRETE STRUCTURE (Refer to Structural Engineering Drawings)
190
140
200MIN.

	TYPE:	F.R.R.	Refer.	Min.Equiv.Thk (mm)	S.T.C.	NOM. THICKNESS
P2 F2	LIGHTWEIGHT CONCRETE BLOCK ACOUSTIC CHILLER / GENERATOR ROOMS	2.0 hr	Note-9	-	55 Note-7	190
P2 F1	LIGHTWEIGHT CONCRETE BLOCK ACOUSTIC CHILLER / GENERATOR ROOMS	2.0 hr	Note-9	-	55 Note-7	330
P2 C3	190 CONCRETE BLOCK, LIGHTWEIGHT GENERAL USE	2.0hr	Note-7	106	48	190
P2 C2	190 CONCRETE BLOCK 75% SOLID - GENERAL USE	3.0 hr.	Note-7	148	51	190
P2 C1	190 CONCRETE BLOCK, STANDARD GENERAL USE	1.5 hr.	Note-7	106	48	190
P2 B3	140 CONCRETE BLOCK, LIGHTWEIGHT GENERAL USE	1.5 hr.	Note-7	81	48	140
P2 B2	140 CONCRETE BLOCK, 75% SOLID - GENERAL USE	2.0 hr	Note-7	112	48	140
P2 B1	140 CONCRETE BLOCK, STANDARD GENERAL USE	1.0 hr.	Note-7	81	48	140

Concrete Block Partition

P2 A8-01

SCALE N.T.S.

	TYPE:	F.R.R.	Refer.		S.T.C.	NOM. THICKNESS
P1 A	UNFINISHED STRUCTURE	2.0 hr.	[illegible]	-	-	200 MIN.

Concrete Partition

P1 A8-01

SCALE N.T.S.

Contractor Must Check And Verify All Dimensions On The Job.

Do Not Scale The Drawings.

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Date: May 1, 2015

CARLOS ANTUNES
LICENCE
4890

SEAL MUST BE SIGNED TO BE VALID

Building Permit

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No.:	Revision	Date

1.	Building Permit	May 1, 2015
No	Issued For	Date

AQUAVISTA
AT BAYSIDE TORONTO

Drawing Title
Wall Types
Interior Partition Assemblies

Project
Hines TRIDEL
AQUAVISTA
Block 3 - R3 & R4
263 Queens Quay East
Toronto, ON

Scale
N.T.S.

Drawn by
M.N.

Checked by
C.A.

Project No.
13148

Date
May 1, 2015

Drawing No.
A8-01