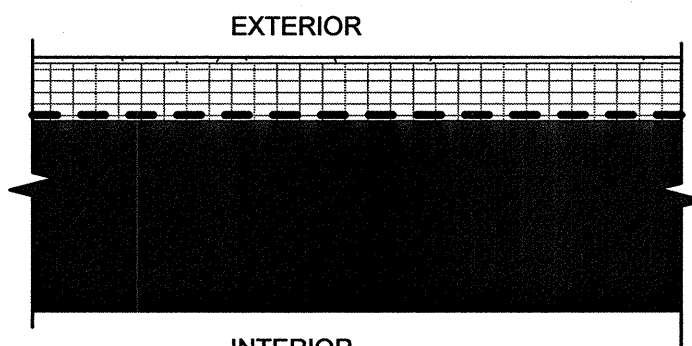
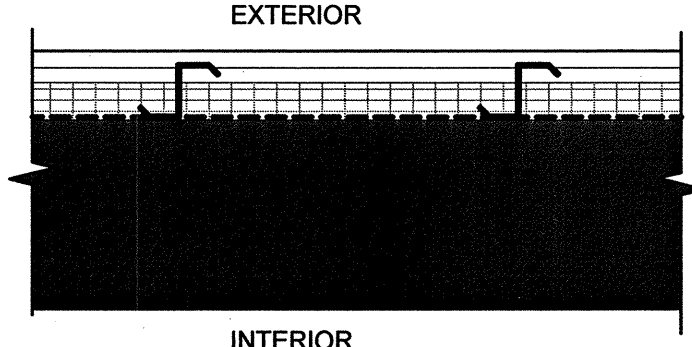
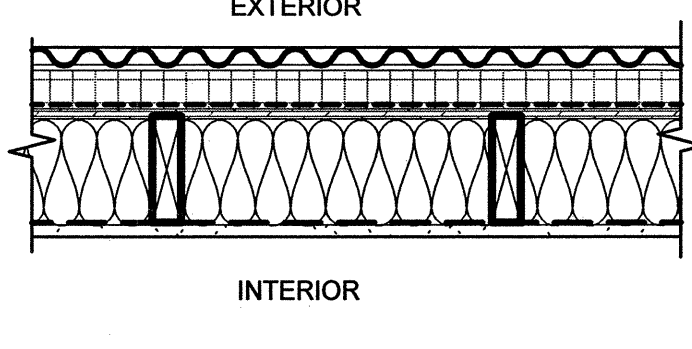
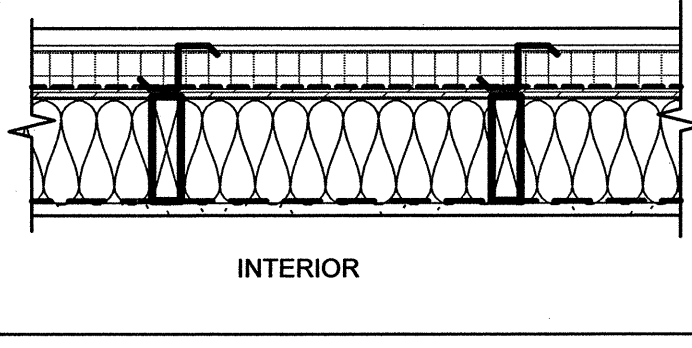
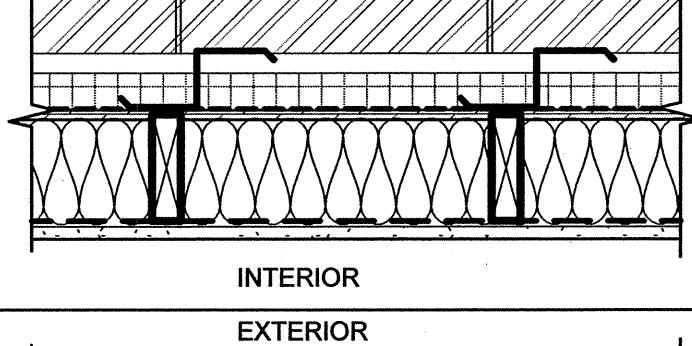
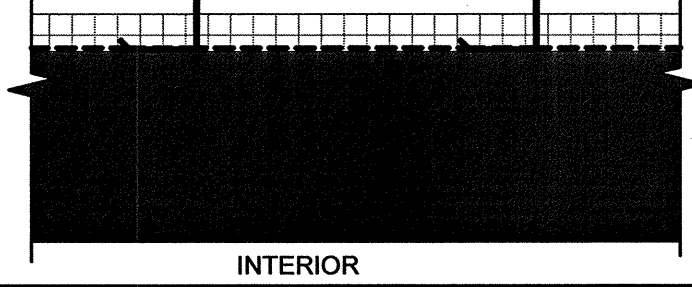
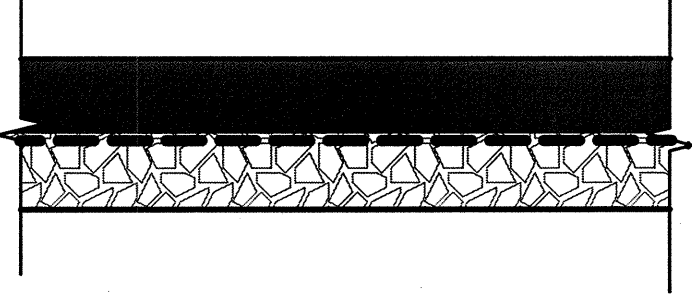
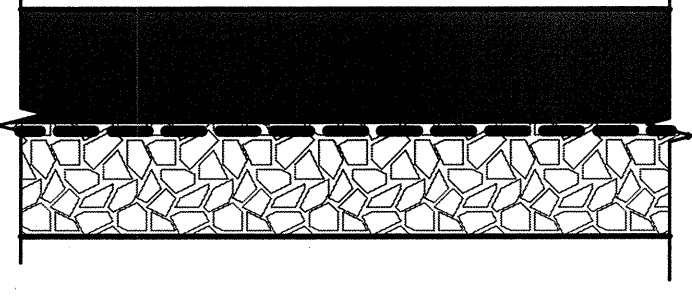
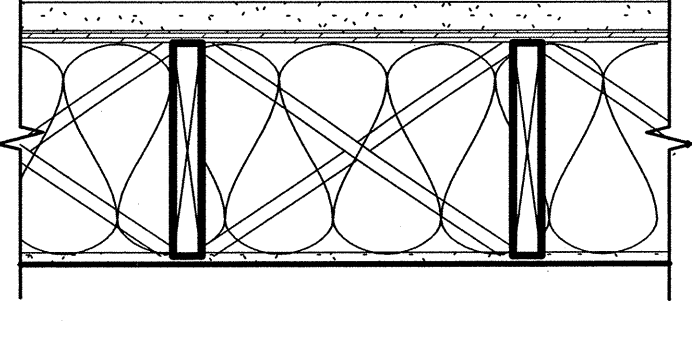


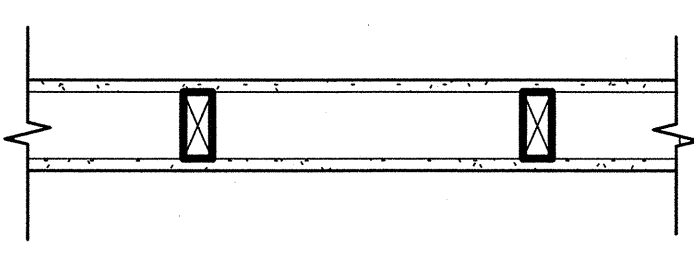
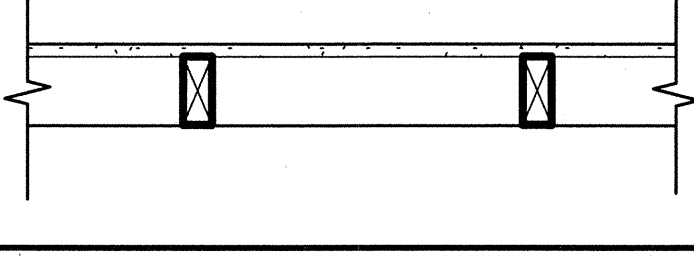
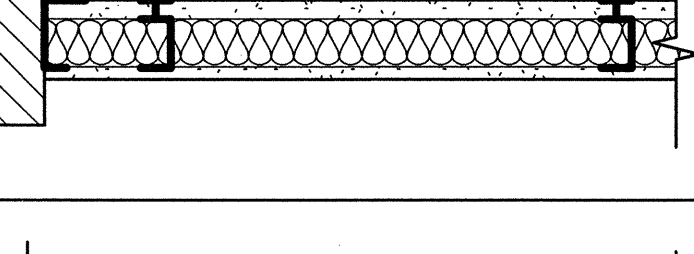
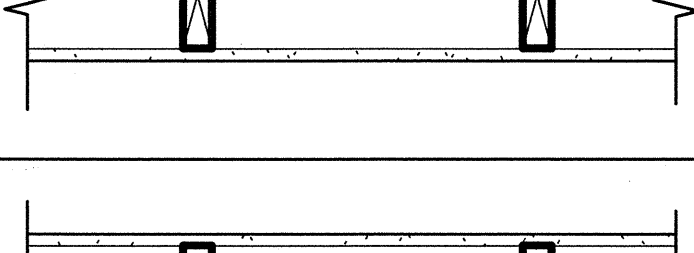
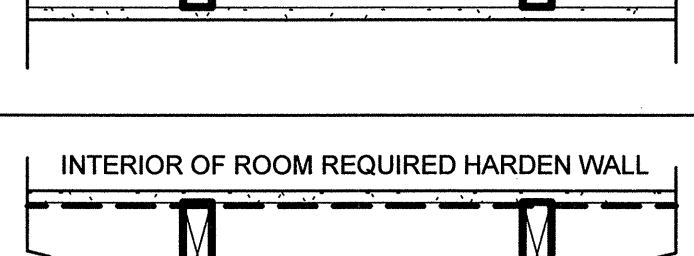
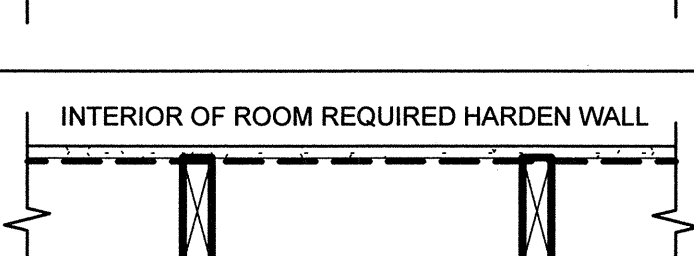
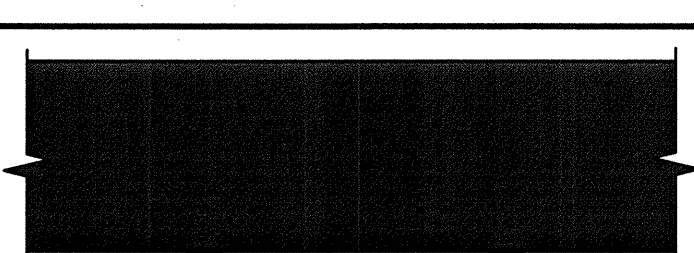
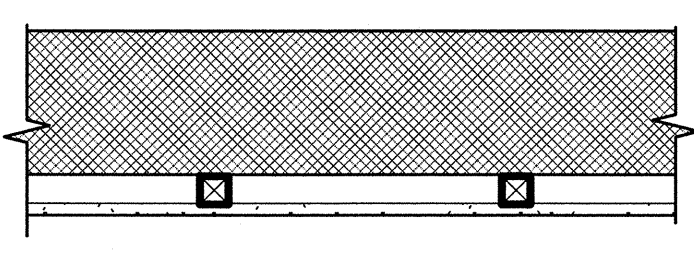
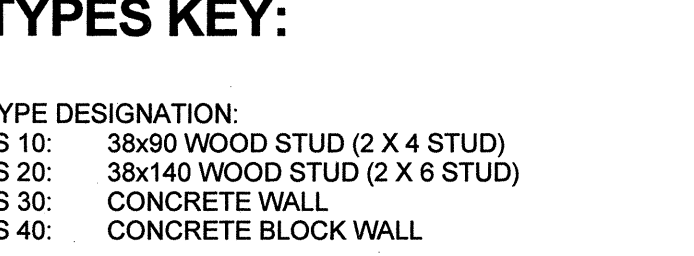
WALL TYPES

EXTERIOR WALL TYPES:			FRR & ULC DESIGN NO.	REMARKS
W0		75mm CONCRETE FACED RIGID INSULATION DAMP-PROOFING MEMBRANE CONCRETE FOUNDATION WALL (SEE STRUCTURAL FOR DIMENSIONS)		
W1		22mm HORIZONTAL CORRUGATED METAL 70mm VERTICAL Z CHANNEL @ 400mm O.C. 50mm RIGID MINERAL WOOL SHEATHING BOARD EXT INSULATION ELASTOMETIC NON-PERMEABLE AIR AND WEATHER BARRIER CONCRETE WALL (SEE STRUCTURAL FOR DIMENSIONS)	1 HOUR FRR SEE APPENDIX D NBCC 2010	
W2		22mm VERTICAL CORRUGATED METAL 62mm HORIZONTAL Z CHANNEL @ 400mm O.C. 50mm RIGID MINERAL WOOL SHEATHING BOARD EXT INSULATION 2 LAYERS OF 30min BUILDING PAPER 13mm EXTERIOR GRADE PLYWOOD SHEATHING 38x140mm WOOD STUDS @ 400mm O.C. W/ MIN. R22 MINERAL WOOL INSULATION TO FILL THE CAVITY 6mil POLY VAPOUR BARRIER 16mm GYPSUM WALLBOARD		
W3		22mm HORIZONTAL CORRUGATED METAL 62mm VERTICAL Z CHANNEL @ 450mm O.C. 50mm RIGID MINERAL WOOL SHEATHING BOARD EXT INSULATION 2 LAYERS OF 30min BUILDING PAPER 13mm EXTERIOR GRADE PLYWOOD SHEATHING 38x140mm WOOD STUDS @ 400mm O.C. W/ MIN. R22 MINERAL WOOL INSULATION TO FILL THE CAVITY 6mil POLY VAPOUR BARRIER 16mm GYPSUM WALLBOARD		
W4		92mm TEXTURE CONCRETE BLOCK 76mm VERTICAL Z CHANNEL @ 400mm O.C. 50mm RIGID MINERAL WOOL SHEATHING BOARD EXT INSULATION 2 LAYERS OF 30min BUILDING PAPER 13mm EXTERIOR PLYWOOD SHEATHING 38x140mm WOOD STUDS W/ MIN. R22 MINERAL WOOL INSULATION TO FILL THE CAVITY 6mil POLY VAPOUR BARRIER 16mm GYPSUM WALLBOARD		
W5		92mm TEXTURE CONCRETE BLOCK 89mm VERTICAL Z CHANNEL @ 400mm O.C. 50mm RIGID MINERAL WOOL SHEATHING BOARD EXT INSULATION ELASTOMETIC NON-PERMEABLE AIR AND WEATHER BARRIER CONCRETE WALL (SEE STRUCTURAL FOR DIMENSIONS)		

FLOOR TYPES

FLOOR TYPES			FRR & ULC DESIGN NO.	REMARKS
F1		-FLOOR FINISH (SEE FLOOR FINISHES SCHEDULE) -100 mm CONCRETE SLAB AS PER STRUCTURAL -15 mil. MOISTURE BARRIER C/W ALL JOINTS LAPPED & SEALED ON EDGES AND PENETRATIONS -150mm CRUSHED GRAVEL AS PER GEOTECH REPORT		
F1a		-FLOOR FINISH (SEE FLOOR FINISHES SCHEDULE) -150 mm CONCRETE SLAB AS PER STRUCTURAL -15 mil. MOISTURE BARRIER C/W ALL JOINTS LAPPED & SEALED ON EDGES AND PENETRATIONS -150mm CRUSHED GRAVEL AS PER GEOTECH REPORT		
F2		-FLOOR FINISH (SEE FLOOR FINISHES SCHEDULE) -38mm LIGHT WEIGHT CONCRETE TOPPING -16mm UNSANDED SHEATHING GRADE PHENOLIC BONDED DOUGLAS FIR PLYWOOD WITH FACE GRAIN PERPENDICULAR TO JOISTS AND JOINTS STAGGERED -19 X 64 mm WOOD CROSS BRIDGING -38 X 286 mm WOOD JOISTS @ 400mm O.C., FIRESTOPPED -FRICTION FIT SOUND ATTENUATION BLACKETS -16mm TYPE X GYPSUM WALL BOARD INSTALLED WITH LONG DIMENSION PERPENDICULAR TO JOISTS AND SECURED WITH 44mm COMMON NAILS SPACED 150mm O.C. -REFER TO REFLECTED CEILING PLAN FOR SUSPENDED CEILING	1 HOUR ULC M502 (WITH LARGER WOOD JOIST)	

WALL TYPES

INTERIOR WALL TYPES:			FRR & ULC DESIGN NO.	STC RATING	REMARKS
W10		16mm GYPSUM WALLBOARD 38x90mm WOOD STUD AT 400mm O.C. 16mm GYPSUM WALLBOARD			NOTE: 1) USE MOISTURE RESISTANT GWB @ WASHROOMS/ SHOWER
W10a		16mm MOISTURE RESISTANT GWB 38x90mm WOOD STUD AT 400mm O.C.			PLUMBING SHAFT WALL
W11 1-HR		25.4mm GYSUM SHAFTLINER PANEL 64mm METAL "C"-H' SHAPED STEEL STUD AT 610mm O.C. 1/2" U" SHAPE RUNNERS 16mm TYPE 'X' GYPSUM WALLBOARD FILL CAVITY WITH ULC APPROVED FIRE RESISTANT GLASS FIBRE BATTS	1 HOUR FRR ULC W452 SYSTEM EA	- STC 39	MECHANICAL SHAFT WALL
W20		16mm GYPSUM WALLBOARD 38x140mm WOOD STUD AT 400mm O.C. 16mm GYPSUM WALLBOARD VARIATIONS: W20p W20pb		- STC 34 - APPROX STC 46 FOR W20b	NOTE: 1) USE MOISTURE RESISTANT GWB @ WASHROOMS/ SHOWER
W21 1-HR		16mm TYPE 'X' GYPSUM WALLBOARD 38x140mm WOOD STUD AT 400mm O.C. 16mm TYPE 'X' GYPSUM WALLBOARD VARIATIONS: W21p W21pb	1 HOUR FRR ULC W301 (USING LARGER WOOD STUDS)	- STC 34 - APPROX STC 46 FOR W21pb	
W22		16mm GYPSUM WALLBOARD 2.6mm EXPANDED STEEL MESH (50 MAX. OPENING) SEURED WITH NON-REMOVABLE SCREWS 38x140mm WOOD STUD AT 400mm O.C. 16mm GYPSUM WALLBOARD VARIATIONS: W22p			HARDEN WALL
W22a 1-HR		16mm TYPE 'X' GYPSUM WALLBOARD 2.6mm EXPANDED STEEL MESH (50 MAX. OPENING) SEURED WITH NON-REMOVABLE SCREWS 38x140mm WOOD STUD AT 400mm O.C. 16mm TYPE 'X' GYPSUM WALLBOARD VARIATIONS: W22ap	1 HOUR FRR ULC W301 (USING LARGER WOOD STUDS)		HARDEN WALL
W30		252mm CONCRETE WALL 13 X 38 mm WOOD STRAPPING @ 400mm O.C. 16mm TYPE 'X' GYPSUM WALLBOARD	1 HOUR FRR SEE APPENDIX D NBCC 2010		
W40		190mm CONCRETE BLOCK 38 X 38 mm WOOD STRAPPING @ 400mm O.C. 16mm TYPE 'X' GYPSUM WALLBOARD	1 HOUR FRR SEE APPENDIX D NBCC 2010		

WALL TYPES KEY:

BASIC WALL TYPE DESIGNATION:

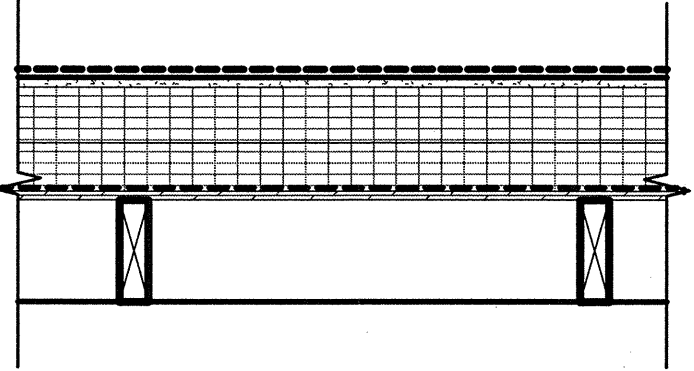
W: SERIES 10: 38x90 WOOD STUD (2 X 4 STUD)
SERIES 20: 38x140 WOOD STUD (2 X 6 STUD)
SERIES 30: CONCRETE WALL
SERIES 40: CONCRETE BLOCK WALL

SUFFIX:

p: 1 LAYER OF PLYWOOD - SEE STRUCTURAL DWGS
b: FILL CAVITY WITH SOUND ATTENUATION BATTS, USE ACOUSTIC CAULKINGS TO SEAL ALL JOINTS

SEE GENERAL NOTES (10) FOR FIRE RATED WALLS.

ROOF TYPES

ROOF TYPES			REMARKS
R1		80 mil SINGLE PLY TPO MEMBRANE ROOFING SYSTEM 12mm EXTERIOR SHEATHING BOARD 2 LAYERS OF 64 & 76 mm STAGGERED POLYISOCYANURATE RIGID INSULATION SELF-ADHESIVE VAPOUR BARRIER 12mm PLYWOOD SHEATHING ROOF FRAMING AS PER STRUCTURAL DWGS	

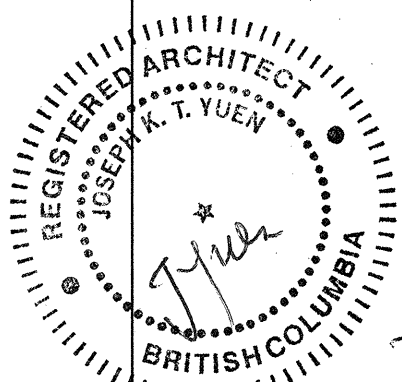


Public Works and
Government Services
Canada

Travaux publics et
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Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

ISSUED FOR TENDER
OCT 31, 2012



ISSUED FOR TENDER	OCT 31, 2012
ISSUED FOR TENDER-READY SUBMISSION	SEPT 17, 2012
ISSUED FOR 50% SUBMISSION	MAR 30, 2012
Revision/Revision	Description/Description
Client/client	Date/Date

CORRECTIONAL
SERVICE OF
CANADA

Project title/Titre du projet

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PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architectural et de génie, TPSGC

Drawing title/Titre du dessin

FLOOR, ROOF AND WALL
ASSEMBLIES

Project No./No. du projet

R.052462.001

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A003

Revision no./
La
Révision
no.