

1 GENERAL NOTES
A-100 SCALE: NTS

GENERAL NOTES

- DO NOT SCALE DRAWING
- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS, AND LEVELS PRIOR TO COMMENCEMENT OF WORK. ALL ERRORS AND OMISSIONS TO BE REPORTED TO THE OCC REPRESENTATIVE BEFORE PROCEEDING.
- ALL DIMENSIONS ARE TO GRIDLINES, FACE OF STUDS, FACE OF CONCRETE, OR CENTER LINE OF COLUMNS UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE METRIC (mm) UNLESS NOTED OTHERWISE.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH AND COORDINATED WITH THE SPECIFICATIONS AND DRAWINGS OF OTHER DISCIPLINES THAT FORM THE FULL CONTRACT DOCUMENT PACKAGE. WHERE CONFLICT EXISTS BETWEEN DOCUMENTS, THESE ARE TO BE REPORTED TO THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING.
- VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE CARRIED OUT WITHOUT WRITTEN PERMISSION OF THE DEPARTMENTAL REPRESENTATIVE.
- PROTECT EXISTING ITEMS DESIGNATED TO REMAIN. MAKE GOOD ANY DAMAGE TO EXISTING ITEMS DESIGNATED TO REMAIN THAT IS THE RESULT OF DEMOLITION OR CONSTRUCTION.
- ENSURE COMPATIBILITY OF METAL FASTENERS, SHEET METALS AND OTHER METAL ITEMS WITH EACH OTHER AND WITH PRESSURE TREATED WOOD. PROVIDE ISOLATION WHERE REQUIRED.
- ISOLATE WOOD AND METAL FROM CONCRETE UNLESS TREATED FOR CONTACT WITH MOISTURE AS PER SPEC.
- USE MOISTURE RESISTANT GWB BEHIND ALL TUBS AND SHOWERS. USE RATED MOISTURE RESISTANT GWB WHERE CALLED FOR BY THE ASSEMBLY.
- FIRESTOP ALL SERVICE PENETRATIONS THROUGH GWB IN RATED ASSEMBLIES.

2 ABBREVIATIONS
A-100 SCALE: NTS

A.F.F.	ABOVE FINISHED FLOOR	(N)	NEW
CONC.	CONCRETE	NBC	NATIONAL BUILDING CODE
EL.	ELEVATION (height)	NOT IN	NOT IN CONTRACT
ELECT.	ELECTRICAL	N.T.S.	NOT TO SCALE
(E)	ELEVATION (building face)	O/C	ON CENTRE
EXIST.	EXISTING	PT	PAINT
FIN.	FINISH	REQ'D	REQUIRED
FRR	FIRE RESISTANCE RATING	SIM	SIMILAR
GI	GALVANIZED	STRUCT.	STRUCTURAL
GYPSUM	GYPSUM WALL BOARD	STC	SOUND TRANSMISSION CLASS
HR	HOUR	SPEC	SPECIFICATION
H.M.	HOLLOW METAL	T/O	TOP OF
MAX.	MAXIMUM	TYP	TYPICAL
MECH.	MECHANICAL	U/S	UNDERSIDE
MIN.	MINIMUM OR MINUTE		

3 ASSEMBLIES
A-100 SCALE: NTS

FLOOR ASSEMBLIES :

- F1** CONCRETE SLAB ON GRADE
FLOOR FINISH: SEE SCHEDULE
100mm REINFORCED CONCRETE SLAB; SEE STRUCT.
(SEALED AND HARDENED)
6 MIL POLY VAPOUR BARRIER
150mm COMPACTED GRANULAR FILL
APPROVED BEARING
- F2** 150mm CONCRETE MEZZANINE FLOOR
FLOOR FINISH: SEE SCHEDULE
150mm REINFORCED CONCRETE SLAB; SEE STRUCT.
FINISH: SEE SCHEDULE AND REFLECTED CEILING PLAN
- F3** 200mm CONCRETE MEZZANINE FLOOR
FLOOR FINISH: SEE SCHEDULE
200mm REINFORCED CONCRETE SLAB; SEE STRUCT.
FINISH: SEE SCHEDULE AND REFLECTED CEILING PLAN

ROOF ASSEMBLIES :

- R1** TYPICAL ROOF ASSEMBLY
STANDING SEAM METAL ROOF; SEE SPECIFICATION
2 LAYERS 51mm RIGID INSULATION
SELF ADHESIVE SBS MEMBRANE
12.7mm EXTERIOR GWB SHEATHING
76mm STEEL ROOF DECK; SEE STRUCT.
OPEN WEBBED STEEL JOIST; SEE STRUCTURAL
- R2** TYPICAL ROOF OVERHANG ASSEMBLY
STANDING SEAM METAL ROOF; SEE SPECIFICATION
2 LAYERS 51mm RIGID INSULATION
SELF ADHESIVE SBS MEMBRANE
12.7mm EXTERIOR GWB SHEATHING
76mm STEEL ROOF DECK; SEE STRUCT.
STEEL STRUCTURE; SEE STRUCTURAL
102mm SPRAYED IN PLACE INSULATION
- R3** ROOF CANOPY BULKHEAD
CORRUGATED METAL SIDING
102mm ENGINEERED Z GIRT
12.7mm EXTERIOR GWB SHEATHING
203mm ENGINEERED STEEL STUD
VENTED SOFFIT SPACE
- R4** TYPICAL ROOF FASCIA
PRE-FINISHED ALUMINIUM COMPOSITE PANEL SYSTEM
38mm VERTICAL FURRING CHANNEL @ 400mm O.C.
SELF ADHESIVE SBS MEMBRANE
12.7mm EXTERIOR GWB SHEATHING
STEEL STRUCTURE; SEE STRUCT.
- R5** TYPICAL ROOF SOFFIT
PRE-FINISHED PERFORATED ALUMINIUM SOFFIT
ENGINEERED CARRYING CHANNEL
19mm FURRING CHANNEL
STEEL STRUCTURE; SEE STRUCT.
VENTED SOFFIT SPACE
- R6** CEILING BULKHEAD
INTERIOR FINISH: SEE SCHEDULE
12.7mm GWB
92mm ENGINEERED STEEL STUDS; SEE STRUCT.

BULKHEAD ASSEMBLIES :

- B1** CEILING BULKHEAD
INTERIOR FINISH: SEE SCHEDULE
12.7mm GWB
92mm ENGINEERED STEEL STUDS; SEE STRUCT.
12.7mm GWB
INTERIOR FINISH: SEE SCHEDULE

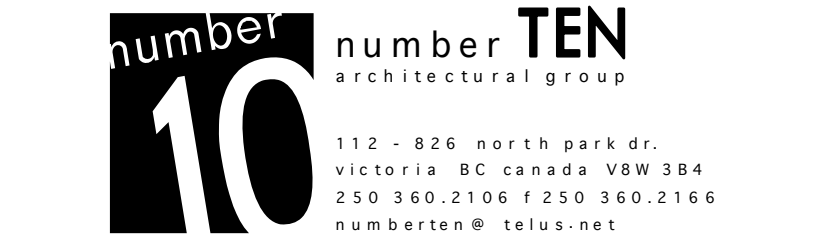
WALL ASSEMBLIES :

- W1a** EXTERIOR STEEL STUD WALL
INTERIOR FINISH: SEE SCHEDULE
16mm GWB TO U/S OF STEEL DECK
203mm ENGINEERED STEEL STUD @ 400mm O.C.
76mm GLASS FIBRE BATT INSULATION
12.7mm EXTERIOR SHEATHING
SELF ADHESIVE SBS MEMBRANE
102mm ENGINEERED Z GIRT
76mm RIGID INSULATION
25mm AIRSPACE
CORRUGATED METAL SIDING
- W1b** EXTERIOR STEEL STUD WALL W/ TEXTURED BLOCK
INTERIOR FINISH: SEE SCHEDULE
16mm TYPE X GWB
203mm ENGINEERED STEEL STUD @ 400mm O.C.
76mm GLASS FIBRE BATT INSULATION
12.7mm EXTERIOR SHEATHING
SELF ADHESIVE SBS MEMBRANE
76mm RIGID INSULATION
51mm AIRSPACE
MASONRY TIES
100mm TEXTURED CONCRETE BLOCK
- W1c** EXTERIOR STEEL STUD WALL ABOVE SOFFIT
INTERIOR FINISH: SEE SCHEDULE
16mm TYPE X GWB
203mm ENGINEERED STEEL STUD @ 400mm O.C.
76mm GLASS FIBRE BATT INSULATION
12.7mm EXTERIOR SHEATHING
SELF ADHESIVE SBS MEMBRANE
76mm RIGID INSULATION
VENTED SOFFIT SPACE
- W1d** EXTERIOR STEEL STUD WALL W/ PANEL
INTERIOR FINISH: SEE SCHEDULE
16mm GWB TO U/S OF STEEL DECK
203mm ENGINEERED STEEL STUD @ 400mm O.C.
76mm GLASS FIBRE BATT INSULATION
12.7mm EXTERIOR SHEATHING
SELF ADHESIVE SBS MEMBRANE
102mm ENGINEERED Z GIRT
76mm RIGID INSULATION
25mm AIR SPACE
19mm FURRING CHANNEL
PRE-FINISHED ALUMINIUM COMPOSITE PANEL SYSTEM
- W2a** EXTERIOR BLOCK WALL
INTERIOR FINISH: SEE SCHEDULE
200mm CONCRETE BLOCK; SEE STRUCT.
SELF ADHESIVE SBS MEMBRANE
102mm ENGINEERED Z GIRT
76mm RIGID INSULATION
25mm AIR SPACE
CORRUGATED METAL SIDING
- W2b** EXTERIOR BLOCK WALL W/ TEXTURED BLOCK BASE
INTERIOR FINISH: SEE SCHEDULE
200mm CONCRETE BLOCK; SEE STRUCT.
SELF ADHESIVE SBS MEMBRANE
19mm FURRING CHANNEL
STEEL STRUCTURE; SEE STRUCT.
VENTED SOFFIT SPACE
- W2c** EXTERIOR BLOCK WALL ABOVE SOFFIT
INTERIOR FINISH: SEE SCHEDULE
200mm CONCRETE BLOCK; SEE STRUCT.
SELF ADHESIVE SBS MEMBRANE
76mm RIGID INSULATION
VENTED SOFFIT SPACE
- W3** CONCRETE FOUNDATION WALL
INTERIOR FINISH: SEE SCHEDULE
CONCRETE FOUNDATION; SEE STRUCT.
SELF ADHESIVE MEMBRANE
CONCRETE FACED 76mm RIGID INSULATION
DRAINAGE MAT

- W4** 200mm INTERIOR BLOCK WALL
INTERIOR FINISH: SEE SCHEDULE
200mm REINFORCED CONCRETE BLOCK WALL; SEE STRUCT.
INTERIOR FINISH: SEE SCHEDULE
- W5** 150mm INTERIOR BLOCK WALL
INTERIOR FINISH: SEE SCHEDULE
150mm REINFORCED CONCRETE BLOCK; SEE STRUCT.
INTERIOR FINISH: SEE SCHEDULE

PARTITION ASSEMBLIES :

- P1** INTERIOR PARTITION WALL
INTERIOR FINISH: SEE SCHEDULE
12.7mm GWB TO U/S OF STEEL DECK
92mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
12.7mm GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
- P2** INSULATED INTERIOR PARTITION WALL
INTERIOR FINISH: SEE SCHEDULE
12.7mm GWB TO U/S OF STEEL DECK
92mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
89mm GLASS FIBRE BATT INSULATION
12.7mm GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
- P3** LOCKER ROOM PARTITION WALL
INTERIOR FINISH: SEE SCHEDULE
12.7mm GWB TO U/S OF CEILING
92mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF CEILING
12.7mm GWB TO U/S OF CEILING
INTERIOR FINISH: SEE SCHEDULE
- P4** INTERIOR PLUMBING WALL
INTERIOR FINISH: SEE SCHEDULE
12.7mm GWB TO U/S OF STEEL DECK
152mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
150mm GLASS FIBRE BATT INSULATION
12.7mm GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
- P5** STEEL REINFORCED SECURITY PARTITION
INTERIOR FINISH: SEE SCHEDULE
12.7mm TYPE X GWB TO U/S OF STEEL DECK
1.9mm SHEET STEEL; SEE SPECIFICATION
152mm ENGINEERED STEEL STUD @ 300mm O.C. TO U/S OF STEEL DECK
12.7mm TYPE X GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
SEE SPECIFICATION FOR OTHER INSTALLATION REQUIREMENTS
- P6** INTERIOR PARTITION WALL
INTERIOR FINISH: SEE SCHEDULE
16mm GWB TO U/S OF STEEL DECK
203mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
16mm GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
- P7** FURRING WALL
INTERIOR FINISH: SEE SCHEDULE
16mm TYPE X GWB TO U/S OF CEILING
64mm MINERAL FIBRE BATT INSULATION
64mm STEEL STUDS @ 400 O.C. TO U/S OF CEILING
- P8** FURRING WALL
INTERIOR FINISH: SEE SCHEDULE
16mm TYPE X GWB TO U/S OF CEILING
62mm STEEL STUDS @ 400 O.C. TO U/S OF CEILING
- P9** FURRING WALL
INTERIOR FINISH: SEE SCHEDULE
16mm TYPE X GWB TO U/S OF CEILING
152mm STEEL STUDS @ 400 O.C. TO U/S OF CEILING
- RP1** INTERIOR ACOUSTIC PARTITION WALL
(see NBC-S4a (STC 48 Rating))
INTERIOR FINISH: SEE SCHEDULE
16mm GWB TO U/S OF STEEL DECK
92mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
89mm GLASS FIBRE BATT INSULATION
16mm GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
*AT ROOF DECK FILL VOIDS WITH SPRAY FOAM INSULATION FLUSH WITH WALL FACE
SEAL ALL EXPOSED FOAM WITH 3MM SPRAY ON FIRE PROTECTION FILM
- RP2** 1 HOUR FRR INSULATED INTERIOR PARTITION WALL
(see NBC-S4b)
INTERIOR FINISH: SEE SCHEDULE
16mm TYPE X GWB TO U/S OF STEEL DECK
92mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
89mm MINERAL FIBRE BATT INSULATION
16mm TYPE X GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
*AT ROOF DECK FILL STEEL DECK VOIDS WITH MINERAL WOOL INSULATION
1.5 TIMES THE WIDTH OF THE STUD AND HEIGHT OF THE FLUTES AND COMPACT TO STUD FACE. FILL DECK VOIDS REMAINING WITH FIRESTOPPING SEALANT MIN THICKNESS TO 12MM
- RP3** 2 HOUR FRR INTERIOR PARTITION WALL
(see NBC-S4b)
INTERIOR FINISH: SEE SCHEDULE
2 LAYERS 16mm TYPE X GWB TO U/S OF STEEL DECK
92mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
89mm MINERAL FIBRE BATT INSULATION
2 LAYERS 16mm TYPE X GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
*AT ROOF DECK FILL STEEL DECK VOIDS WITH MINERAL WOOL INSULATION
1.5 TIMES THE WIDTH OF THE STUD AND HEIGHT OF THE FLUTES AND COMPACT TO STUD FACE. FILL DECK VOIDS REMAINING WITH FIRESTOPPING SEALANT MIN THICKNESS TO 12MM
- RP4** ACOUSTIC PARTITION WALL
(see NBC-S7a (STC 51 Rating))
INTERIOR FINISH: SEE SCHEDULE
16mm GWB TO U/S OF STEEL/CONC DECK
152mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
150mm GLASS FIBRE BATT INSULATION
16mm GWB TO U/S OF STEEL/CONC DECK
INTERIOR FINISH: SEE SCHEDULE
*AT ROOF DECK FILL VOIDS WITH SPRAY FOAM INSULATION FLUSH WITH WALL FACE
SEAL ALL EXPOSED FOAM WITH 3MM SPRAY ON FIRE PROTECTION FILM
- RP5** 1 HOUR FRR STEEL REINFORCED SECURITY PARTITION
(Similar to NBC-S7a)
INTERIOR FINISH: SEE SCHEDULE
16mm TYPE X GWB TO U/S OF STEEL DECK
1.9mm SHEET STEEL; SEE SPECIFICATION
152mm ENGINEERED STEEL STUD @ 300mm O.C. TO U/S OF STEEL DECK
150mm MINERAL FIBRE BATT INSULATION
16mm TYPE X GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
SEE SPECIFICATION FOR OTHER INSTALLATION REQUIREMENTS
*AT ROOF DECK FILL STEEL DECK VOIDS WITH MINERAL WOOL INSULATION
1.5 TIMES THE WIDTH OF THE STUD AND HEIGHT OF THE FLUTES AND COMPACT TO STUD FACE. FILL DECK VOIDS REMAINING WITH FIRESTOPPING SEALANT MIN THICKNESS TO 12MM
- RP6** 2 HOUR FRR STEEL REINFORCED SECURITY PARTITION
INTERIOR FINISH: SEE SCHEDULE
2 LAYERS 16mm TYPE X GWB TO U/S OF STEEL DECK
1.9mm SHEET STEEL; SEE SPECIFICATION
203mm ENGINEERED STEEL STUD @ 300mm O.C. TO U/S OF STEEL DECK
200mm MINERAL FIBRE BATT INSULATION
2 LAYERS 16mm TYPE X GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
SEE SPECIFICATION FOR OTHER INSTALLATION REQUIREMENTS
*AT ROOF DECK FILL STEEL DECK VOIDS WITH MINERAL WOOL INSULATION
1.5 TIMES THE WIDTH OF THE STUD AND HEIGHT OF THE FLUTES AND COMPACT TO STUD FACE. FILL DECK VOIDS REMAINING WITH FIRESTOPPING SEALANT MIN THICKNESS TO 12MM
- RP7** INTERIOR ACOUSTIC PARTITION WALL
INTERIOR FINISH: SEE SCHEDULE
16mm GWB TO U/S OF STEEL DECK
203mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
200mm GLASS FIBRE BATT INSULATION
16mm GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
*AT ROOF DECK FILL VOIDS WITH SPRAY FOAM INSULATION FLUSH WITH WALL FACE
SEAL ALL EXPOSED FOAM WITH 3MM SPRAY ON FIRE PROTECTION FILM
- RP8** 1 HOUR FRR INTERIOR PARTITION WALL
INTERIOR FINISH: SEE SCHEDULE
16mm TYPE X GWB TO U/S OF STEEL DECK
203mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
200mm MINERAL FIBRE BATT INSULATION
16mm TYPE X GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
*AT ROOF DECK FILL STEEL DECK VOIDS WITH MINERAL WOOL INSULATION
1.5 TIMES THE WIDTH OF THE STUD AND HEIGHT OF THE FLUTES AND COMPACT TO STUD FACE. FILL DECK VOIDS REMAINING WITH FIRESTOPPING SEALANT MIN THICKNESS TO 12MM
- RP9** 2 HOUR FRR INTERIOR PARTITION WALL
INTERIOR FINISH: SEE SCHEDULE
2 LAYERS 16mm TYPE X GWB TO U/S OF STEEL DECK
203mm ENGINEERED STEEL STUD @ 400mm O.C. TO U/S OF STEEL DECK
200mm MINERAL FIBRE BATT INSULATION
2 LAYERS 16mm TYPE X GWB TO U/S OF STEEL DECK
INTERIOR FINISH: SEE SCHEDULE
*AT ROOF DECK FILL STEEL DECK VOIDS WITH MINERAL WOOL INSULATION
1.5 TIMES THE WIDTH OF THE STUD AND HEIGHT OF THE FLUTES AND COMPACT TO STUD FACE. FILL DECK VOIDS REMAINING WITH FIRESTOPPING SEALANT MIN THICKNESS TO 12MM



6	100% COMPLETE	2012/03/05
5	FOR COORDINATION	2012/02/17
4	99% Submission NOT FOR CONSTRUCTION	2011/03/31
3	60% SUBMISSION	2011/01/31
2	DESIGN DEVELOPMENT SUBMISSION	2010/12/17
1	CONCEPT DESIGN	2010/09/10
Revised	Description/Description	Date/Date
Revision		

Client/Client

Project title/Titre du projet

POLICE BUILDING
100 MILE HOUSE BC

Consultant Signature Only

Designed by/Concept par

DW

Drawn by/Dessiné par

SJ 2010/12/17

Project Manager/Administrateur de Projets

Drawing title/Titre du dessin

GENERAL NOTES, ASSEMBLIES, LEGEND

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
	A-100 OF XX	0

