

BUILDING CODE SYNOPSIS (SEE CODE REPORT)

APPLICABLE BUILDING CODE: NATIONAL BUILDING CODE OF CANADA 2010 (NBCC)

OCCUPANCY CLASSIFICATION: GROUP C FOR LIVING POD & GROUP D FOR MAIN BUILDING

TOTAL AREA: LIVING POD = 267 (L1) + 267 (L2) = 534 SM & MAIN BUILDING = 426 (L1) + 320 (L2) = 746 SM
TOTAL = 1,280 SM (13,780 SF)

FLOOR AREA: MAIN BUILDING LEVEL 2 = 300 SM

OCCUPANT LOAD: LIVING POD = 22 & MAIN BUILDING = 92
TOTAL = 114

BUILDING SIZE + CONSTRUCTION RELATIVE TO OCCUPANCY: NBCC 2010 Article 3.2.2.61.
GROUP D, UP TO 2 STOREYS, SPRINKLERED, BUILDING AREA NOT MORE THAN 2,400 SM

FIRE SEPARATIONS:

- 1 HR FRR BETWEEN MAJOR OCCUPANCY C & D
- 45 MIN FRR SEPARATION REQ'D FOR FLOOR ASSEMBLIES & LOADING BEARING WALLS, COLUMNS
- 1 HR FRR SEPARATION REQ'D AROUND MECHANICAL ROOM (WITH FUEL-FIRED APPLIANCE)
- 45 MIN FRR SEPARATION REQ'D FOR VERTICAL SERVICE SPACES
- 45 MIN FRR SEPARATIONS FOR ELEVATOR HOISTWAY
- 45 MIN. RATED CLOSURES PERMITTED IN 45 MIN OR 1 HR. RATED WALLS
- ROOF REQUIRES NO RATING

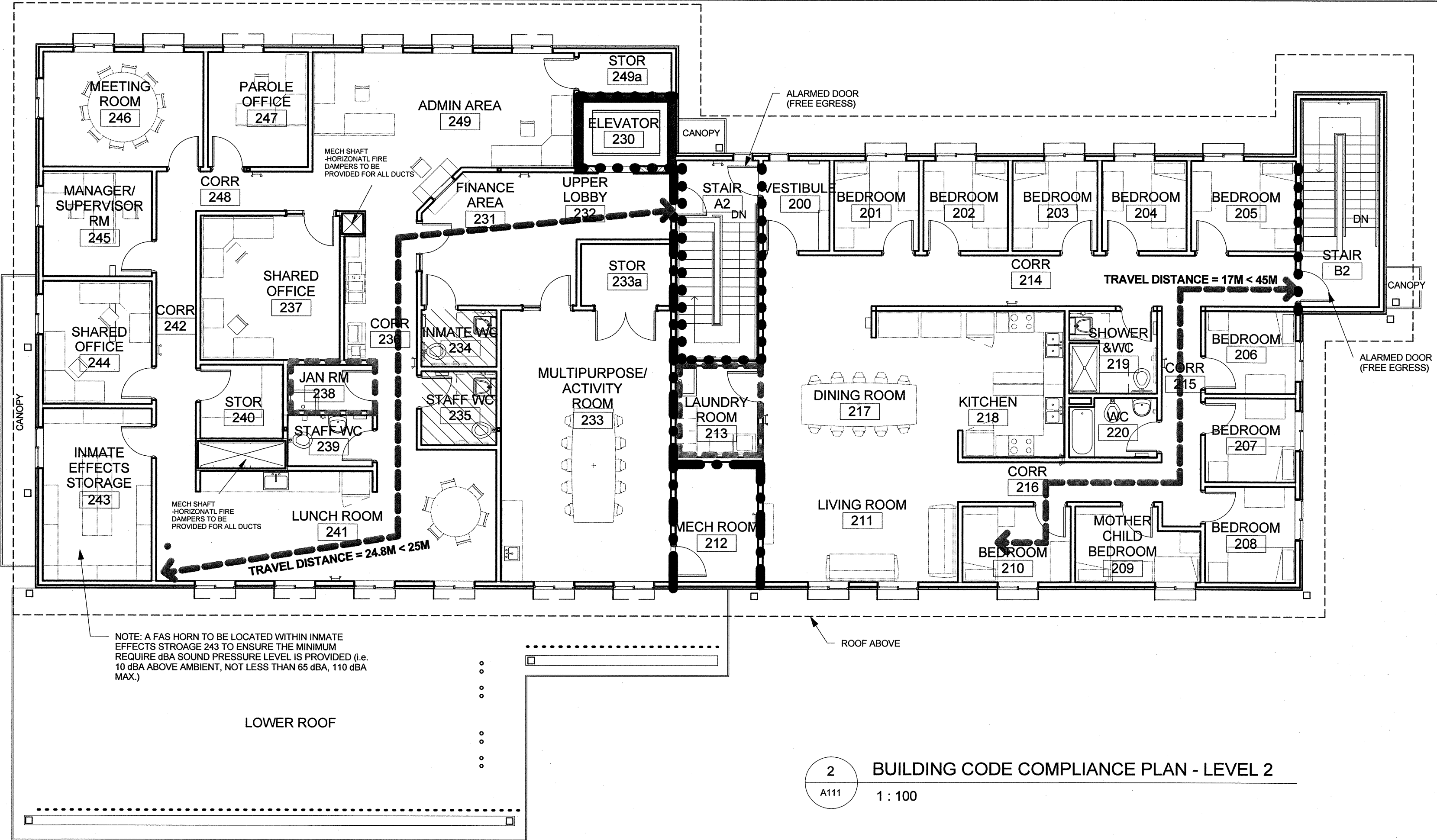
NOTE: BARRIER-FREE REQUIREMENTS APPLY TO MAIN BUILDING AND ONLY LEVEL 1 OF LIVING POD.

FLAME SPREAD SCHEDULE

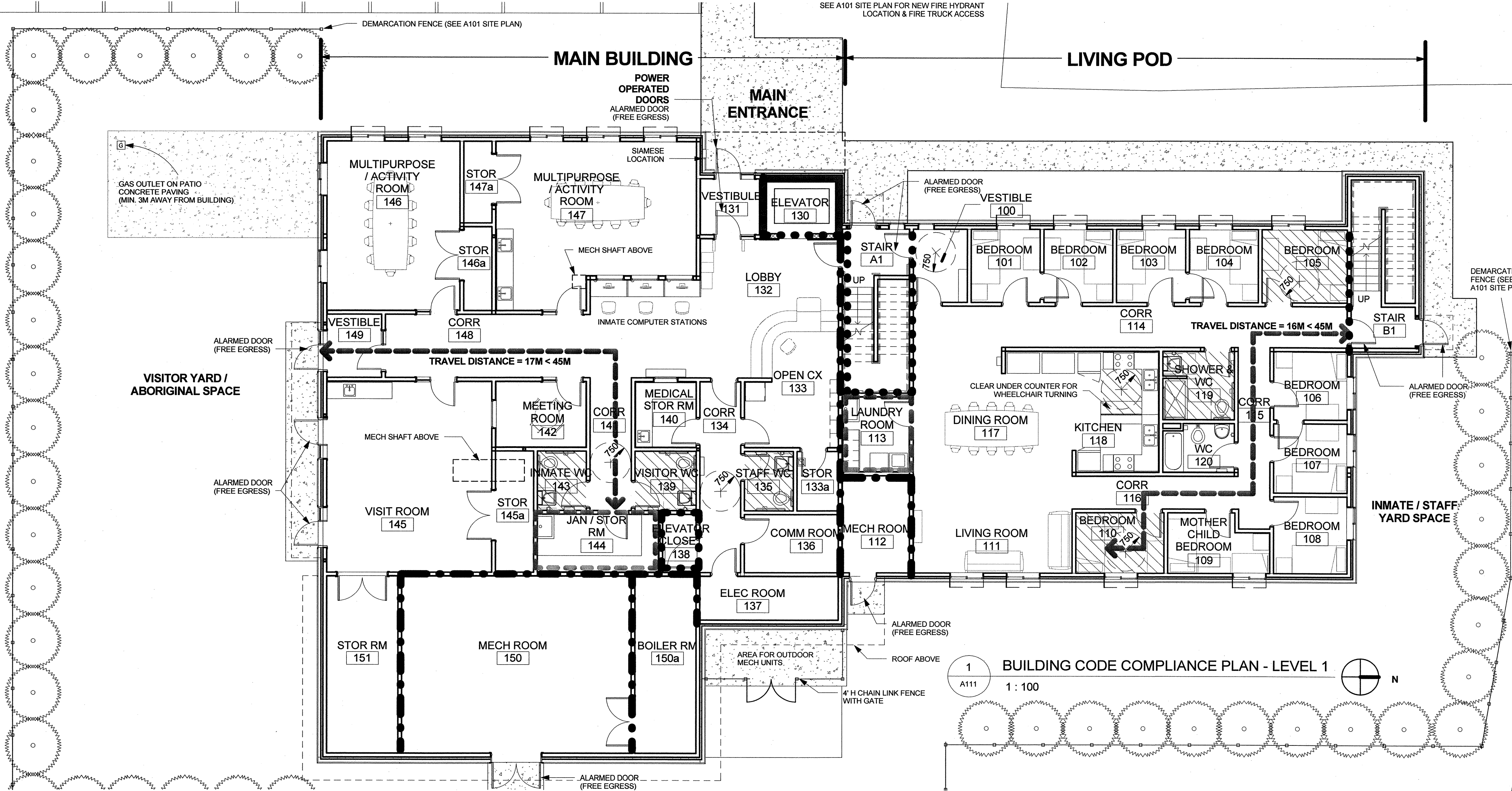
ITEMS	FLAME SPREAD RATING (FSR)		
DOORS	200 (NBCC 3.1.13.(2))		
LIGHT DIFFUSERS & LENSES	250 (NBCC 3.1.13.(4))		
	WALLS	CEILINGS	FLOORS
ALL AREAS UNLESS NOTED INCLUDING WALLS, CEILINGS, GLAZING, SKYLIGHTS:	150 (NBCC 3.1.13.(2))	150 (NBC 3.1.13.(2))	-
EXITS (1)	25 (NBCC 3.1.13.(2))	25 (NBC 3.1.13.(2))	
MECHANICAL EQUIPMENT AND SERVICE ROOMS, STORAGE ROOMS, EXITS, ENCLOSED EXIT CORRIDORS.	25	25	
NOTES:	(1) UP TO 10% OF WALL AND CEILING AREA MAY HAVE FSR NOT MORE THAN 150.		

LEGEND

- ASSEMBLY REQUIRED 0 HOUR F.R.R.
- ASSEMBLY REQUIRED MINIMUM 45 MINUTES F.R.R.
- ASSEMBLY REQUIRED MINIMUM 1 HOUR F.R.R.
- BARRIER-FREE WASHROOM / SHOWER / BEDROOM / KITCHEN
- TRAVEL DISTANCE



2 BUILDING CODE COMPLIANCE PLAN - LEVEL 2
A111 1 : 100



1 BUILDING CODE COMPLIANCE PLAN - LEVEL 1
A111 1 : 100

ISSUED FOR TENDER
OCT 31, 2012

REGISTERED ARCHITECT
JOSEPH K. T. YUEN
BRITISH COLUMBIA
June 16, 2013

	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	Date/Date
Client/client		

CORRECTIONAL SERVICE OF CANADA

Project title/Titre du projet
FRASER VALLEY INSTITUTION
33344 KING ROAD, ABBOTSFORD, BC
TWENTY BED LIVING UNIT

Consultant Approval Box Only

Designed by/Concept par
Dianne Dy

Drawn by/Dessine par
Dianne Dy

PWOSC Project Manager/Administrateur de Projets TPSGC
Patrick Truong

PWOSC, Regional Manager, Architectural and Engineering Services/
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BUILDING CODE COMPLIANCE PLANS

Project No./No. du projet R.052462.001	Sheet/ Feuille A111	Revision no./ La Révision no.
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