

	<b>ISSUED FOR TENDER</b>	<b>12 Nov 19</b>
	<b>TENDER READY SUBMISSION</b>	<b>12 Sept 13</b>
	<b>99% SUBMISSION</b>	<b>12 June 22</b>
	<b>50% SUBMISSION</b>	<b>12 March 30</b>
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

Kresimir Brzica

Drawn by/Dessine par

PWGSC Project Manager/Administrateur de Projets TPSGC

Patrick Truong

PWGSC, Regional Manager, Architectural and Engineering Services

Drawing title/Titre du dessin

## MISCELLANEOUS DETAILS

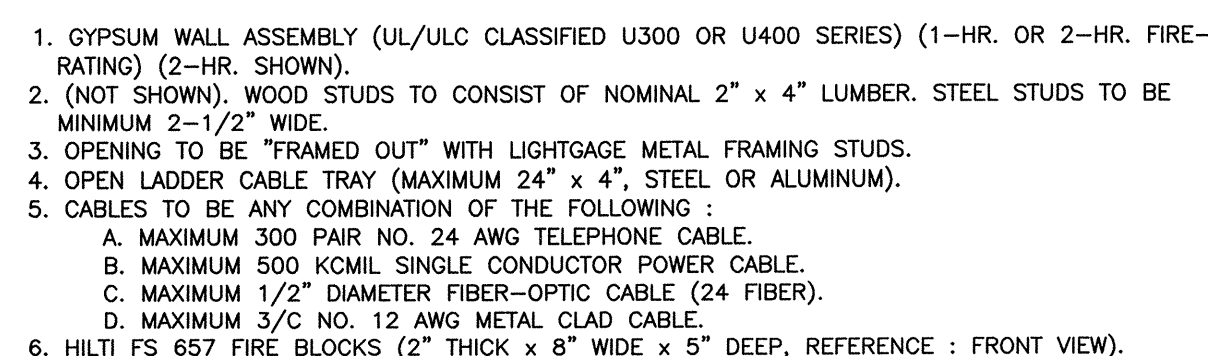
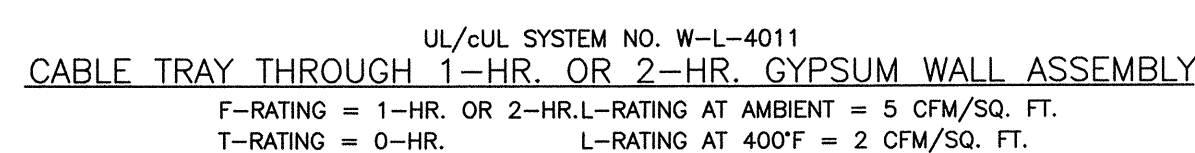
Project No./No. du projet

**R.052462.001**

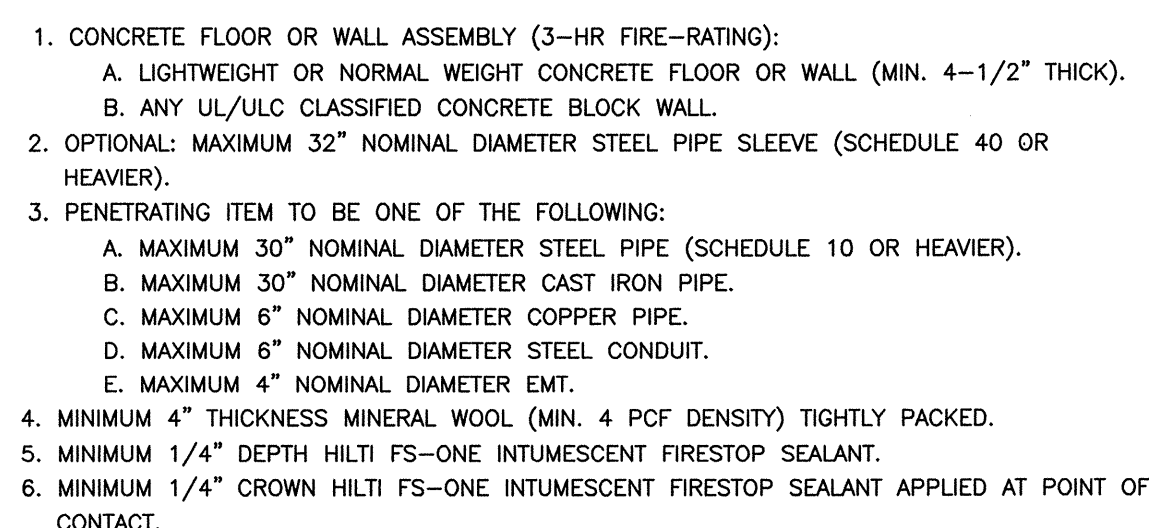
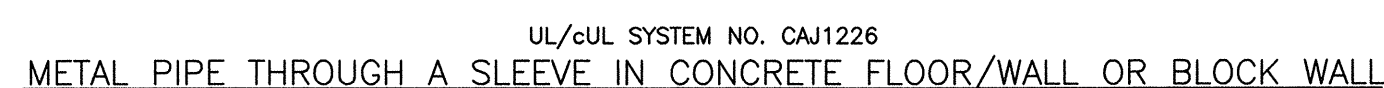
Sheet/ Feuille

## E500

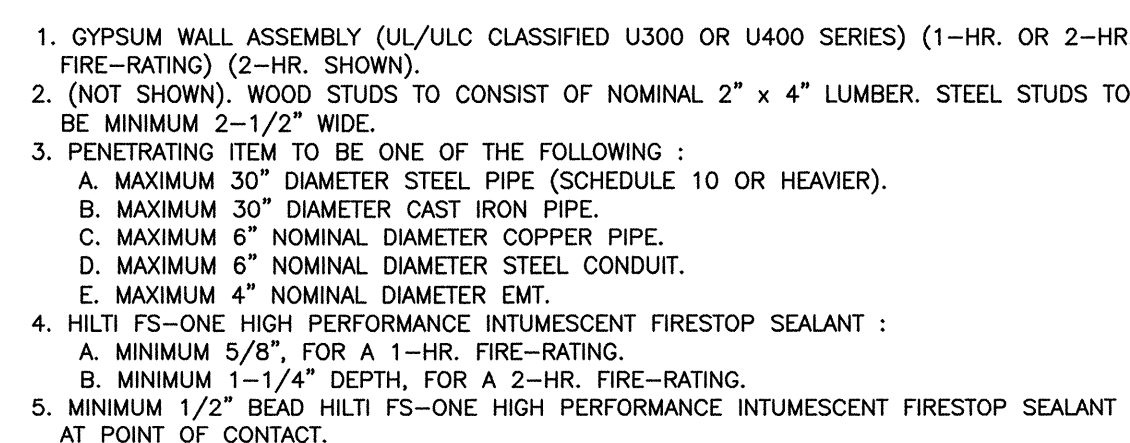
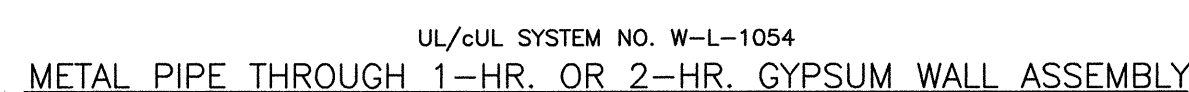
Revision no./  
La  
Révision  
no



NOTES: 1. MAXIMUM SIZE OF OPENING = 9" x 30".  
2. ANNULAR SPACE = MINIMUM 1", MAXIMUM 4".  
3. MAXIMUM AREA OF CABLES EQUALS 40% OF CROSS-SECTIONAL AREA OF CABLE TRAY  
4. APPLY HILTI FS-ONE INTO INTERSTICES OF CABLES, BETWEEN CABLES AND CABLE TRAY, AND ANY VOIDS TO MAXIMUM EXTENT POSSIBLE.



NOTES: 1. MAXIMUM DIAMETER OF OPENING = 32".  
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1-7/8".  
3. MINIMUM 1/4" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT IS REQUIRED ON BOTH SIDES OF A WALL ASSEMBLY.



NOTES: 1. MAXIMUM DIAMETER OF OPENING :  
A. 32-1/4" FOR STEEL STUD WALLS.  
B. 14-1/2" FOR WOOD STUD WALLS.  
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 2-1/2".

GENERAL NOTES:

1. DETAILS SHOWN ARE TYPICAL DETAILS. IF FIELD CONDITIONS DO NOT MATCH REQUIREMENTS OF TYPICAL DETAILS, APPROVED ALTERNATE DETAILS SHALL BE UTILIZED. FIELD CONDITIONS AND DIMENSIONS NEED TO BE VERIFIED FOR COMPLIANCE WITH THE DETAILS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
  - \* MINIMUM AND MAXIMUM ANNUAL SPACE
  - \* TYPE AND THICKNESS OF FIRE-RATED CONSTRUCTION, THE MINIMUM ASSEMBLY RATING OF THE FIRESTOP ASSEMBLY SHALL MEET OR EXCEED THE HIGHEST RATING OF THE ADJACENT CONSTRUCTION.
2. IF ALTERNATE DETAILS MATCHING THE FIELD CONDITIONS ARE NOT AVAILABLE, MANUFACTURER'S ENGINEERING JUDGMENT DRAWINGS ARE ACCEPTABLE. DRAWINGS SHALL FOLLOW THE INTERNATIONAL FIRESTOP COUNCIL (IFC) GUIDELINES FOR EVALUATING FIRESTOP SYSTEMS ENGINEERING JUDGMENTS.
3. REFERENCES:
  - \* 2000 ULC FIRE RESISTANCE DIRECTORY – VOLUME II OR UL PRODUCTS CERTIFIED FOR CANADA (CUL) DIRECTORY
  - \* CANADIAN ELECTRICAL CODE
  - \* NFPA 101 LIFE SAFETY CODE
  - \* ALL GOVERNING LOCAL, PROVINCIAL OR NATIONAL BUILDING CODES
4. FIRESTOP SYSTEM INSTALLATIONS MUST MEET REQUIREMENTS OF ULC OR CUL (ULC-S115-M) TESTED ASSEMBLIES THAT PROVIDE THE REQUIRED ASSEMBLY RATING.
5. ALL RATED ASSEMBLIES SHALL BE PROMINENTLY LABELED WITH THE FOLLOWING INFORMATION:
  - \* ATTENTION: FIRE RATED ASSEMBLY
  - \* ULC OR CUL #
  - \* PRODUCT(S) USED
  - \* HOURLY RATING (ASSEMBLY RATING)
  - \* INSTALLATION DATE

