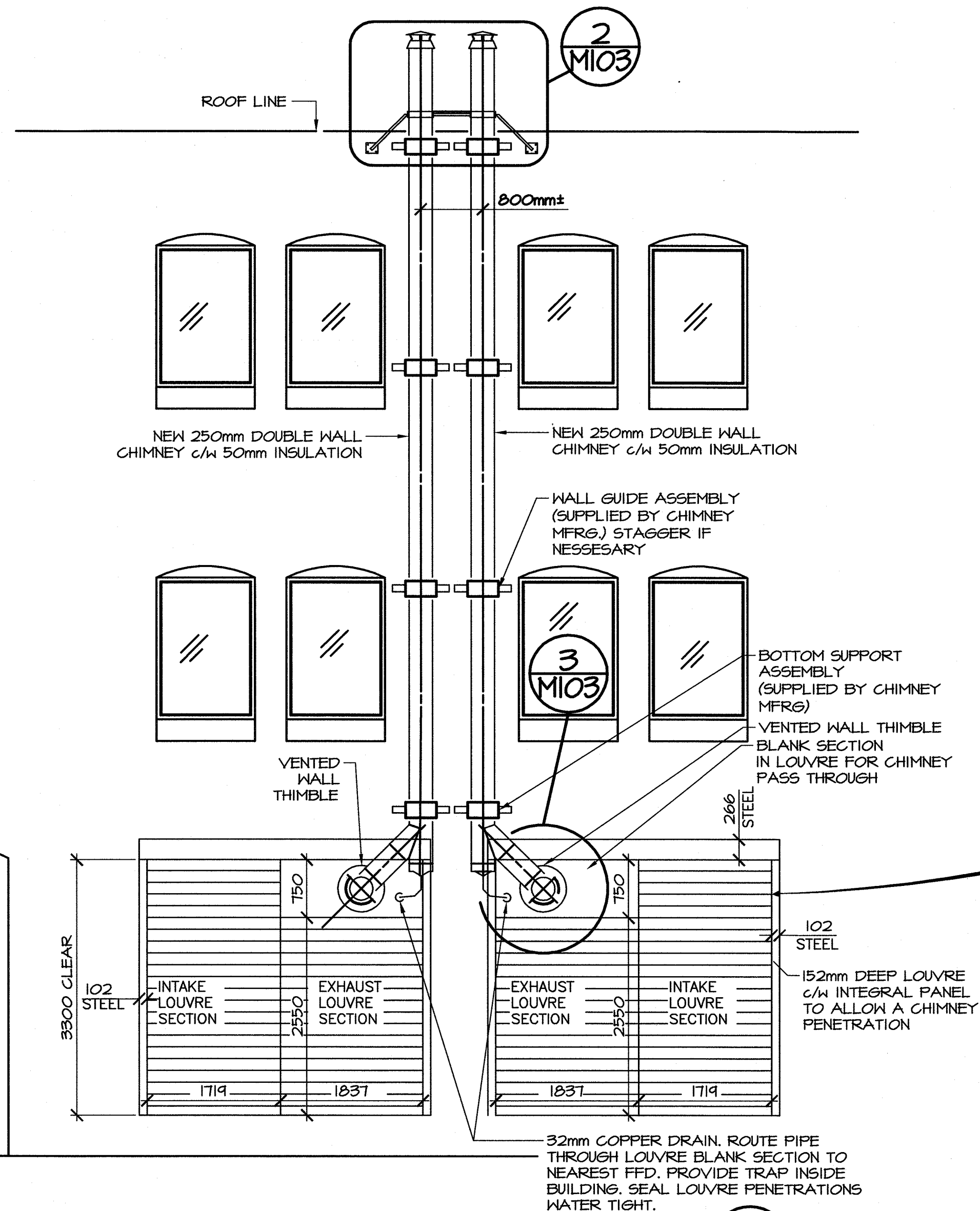


6	ISSUED FOR TENDER	SEP 03 2015
5	ISSUED FOR TENDER	AUG 13 2015
4	ISSUED FOR 100% REVIEW	JUN 30 2015
3	ISSUED FOR REVIEW	JAN 16 2015
2	ISSUED FOR REVIEW	JAN 06 2015
1	ISSUED FOR REVIEW	DEC 19 2014
revisions		date
project		project

GENERATOR REPLACEMENT DORCHESTER PENITENTIARY

EXTERIOR ELEVATION AND CHIMNEY DETAILS

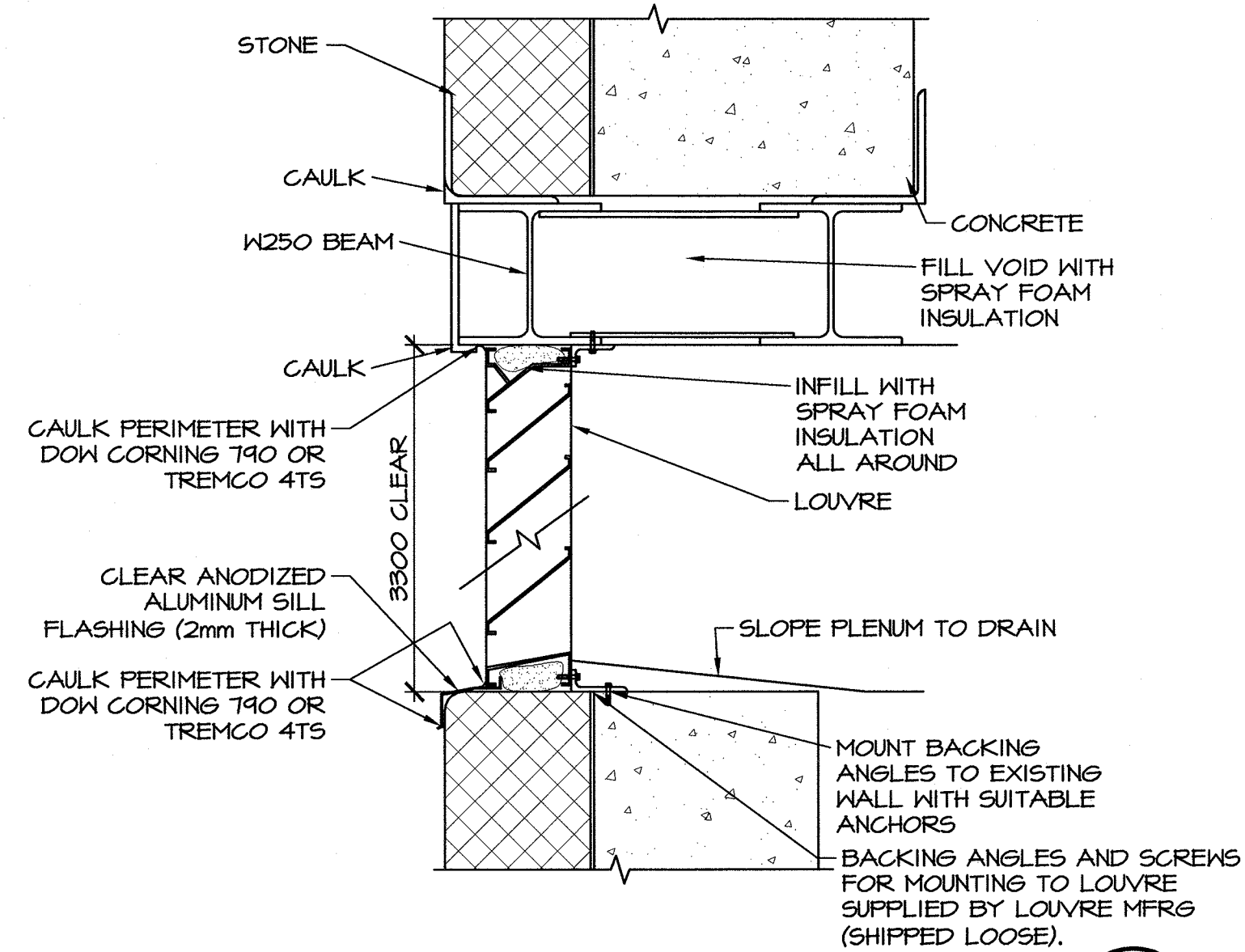
designed	TDM	conçu
date	SEPTEMBER 3, 2015	
drawn	NGB	dessiné
date	SEPTEMBER 3, 2015	
approved	GSM	approuvé
date	SEPTEMBER 3, 2015	
Tender		Soumission
PWGSC Project Manager	Administrateur de projets TPSGC	
project number		no. du projet
	R.061866.001	
drawing no.		no. du dessin
	M103	



EXTERIOR ELEVATION

SCALE: 1:50

0m 1m 2m 3m 4m 5m



LOUVRE INSTALLATION DETAIL

SCALE: NTS

LOUVRES L1 AND L2:

EACH LOUVRE SHALL BE COMPOSED OF 3 SECTIONS IN TOTAL ALL OF WHICH FIT TOGETHER TO A COMBINED RECTANGULAR SIZE OF 3556mm WIDE x 3300mm HIGH. INDIVIDUAL SECTIONS MAY BE SUBDIVIDED AS REQUIRED BY THE MANUFACTURER. THE LOUVRE SHALL REST ON THE STONE WITH STEEL FRAMING ON THE SIDES AND THE TOP AS PER DETAIL 4 AND 5.

THE EXHAUST AND INTAKE SECTIONS SHALL BE 152mm DEEP PRICE DE635 LOUVRES OR AN APPROVED ALTERNATE.

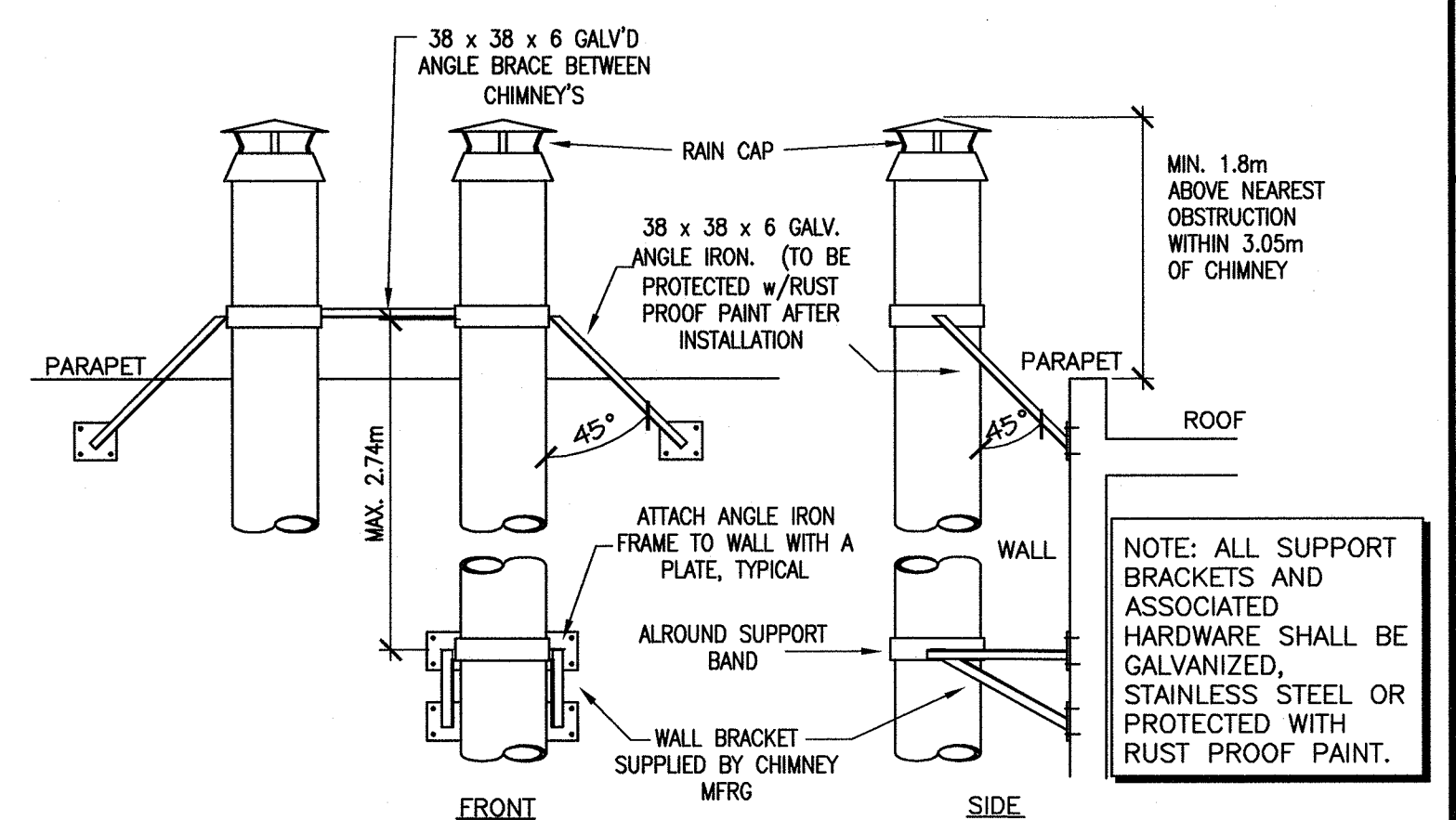
THE BLANK SECTIONS (FOR CHIMNEY PENETRATIONS) SHALL BE A SIMILAR LOUVRE FRAME IN-FILLED WITH 16 GA. ALUMINUM PANEL AND FACTORY PAINTED TO MATCH O/A AND E/A LOUVRE SECTIONS.

THE SECTION SIZES ARE AS FOLLOWS:

O/A INTAKE SECTION:
AREA: 1719mm W x 3300mm H
AIR FLOW: 10258 L/s
FACE VELOCITY: 108.5 M/min FACE VELOCITY
55% FREE AREA VELOCITY: 197.3 M/min
STATIC Pd: 16.19 Pa

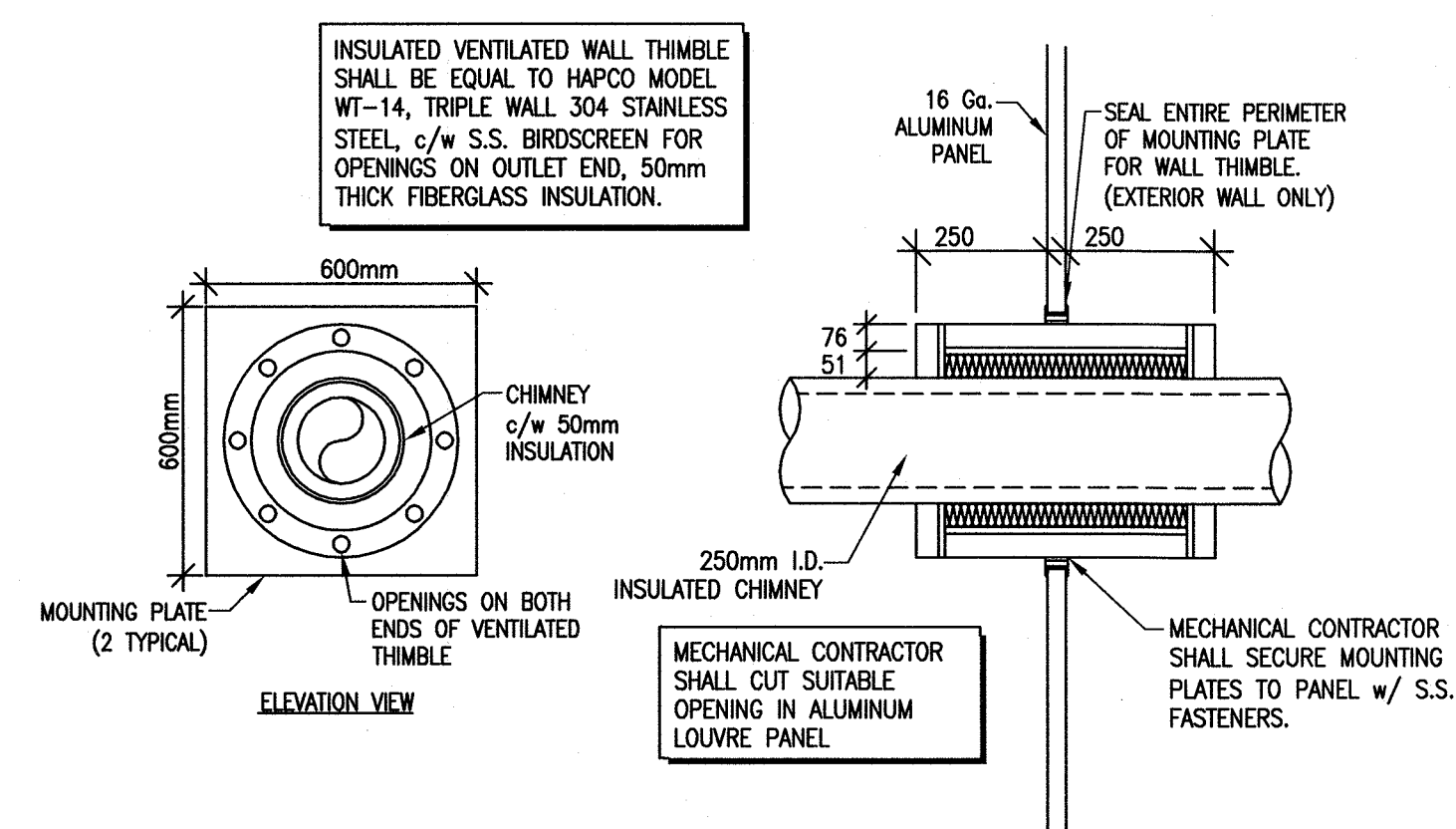
E/A SECTIONS:
AREA: 1837mm W x 2550mm H
AIR FLOW: 9462 L/s
FACE VELOCITY: 121.3 M/min FACE VELOCITY
55% FREE AREA VELOCITY: 220.6 M/min
STATIC Pd: 21.17 Pa

THE BLANK PANEL SECTION IS 1837mm WIDE x 750mm HIGH.
IT IS THE DESIGN INTENT THAT THE FINAL INSTALLATION APPEARS AS ONE CONTINUOUS LOUVRE.



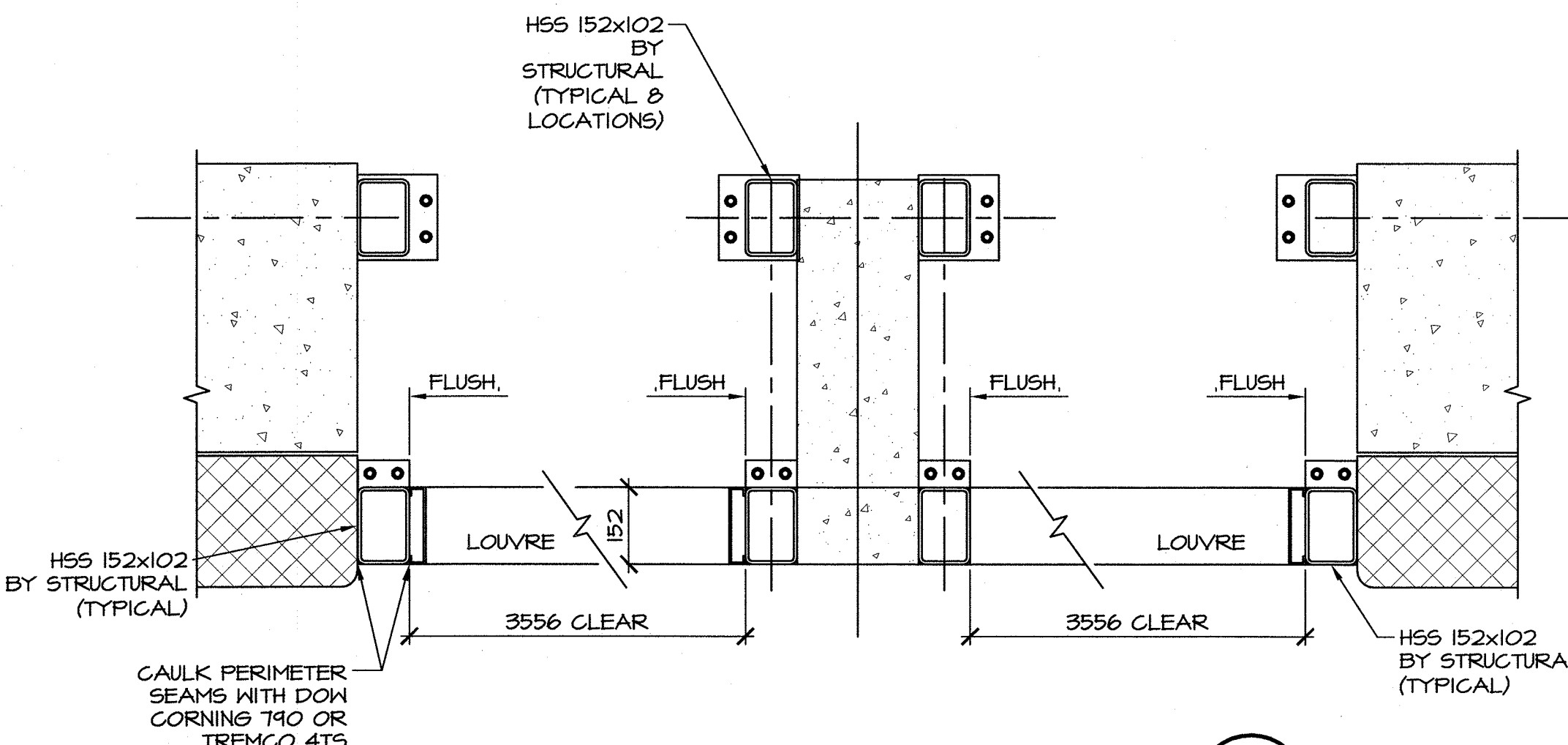
CHIMNEY SUPPORT DETAIL

SCALE: NTS



INSULATED VENTILATED EXHAUST THIMBLE

SCALE: NTS (TYPICAL OF 2)



LOUVRE INSTALLATION PLAN

SCALE: NTS