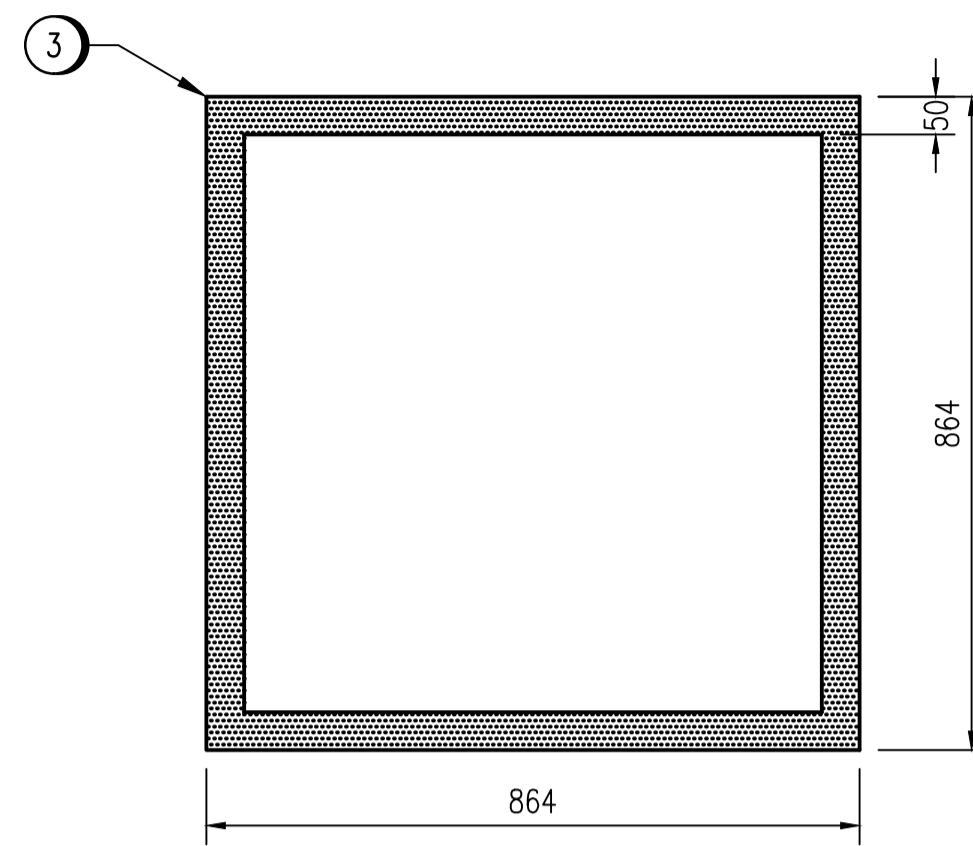
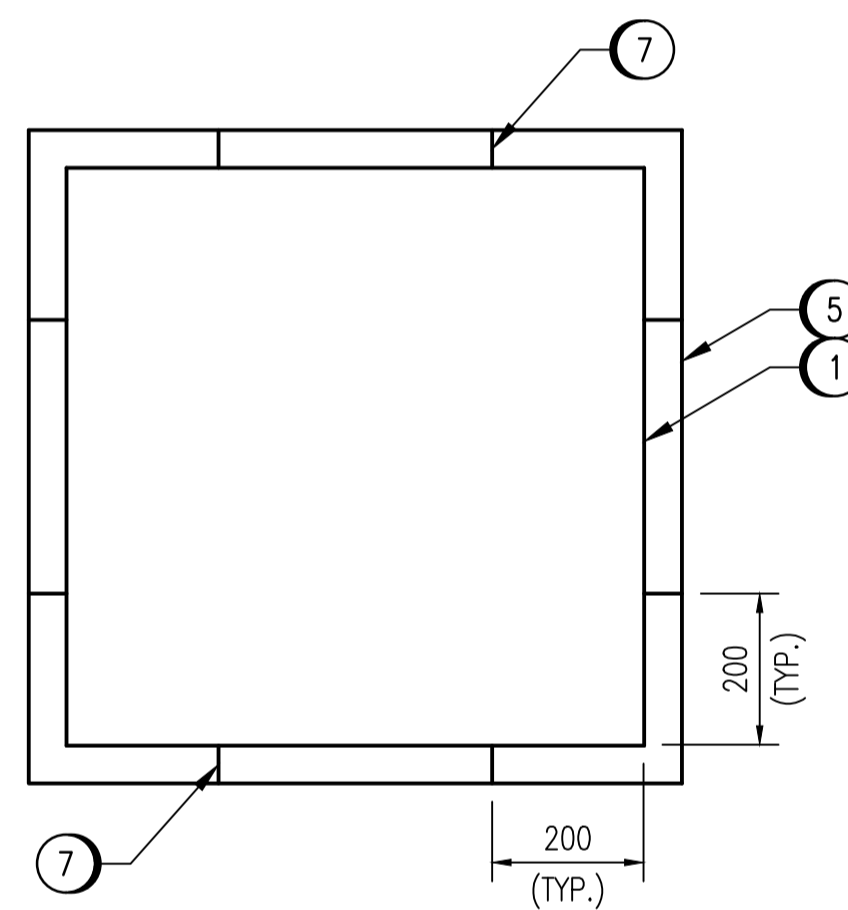


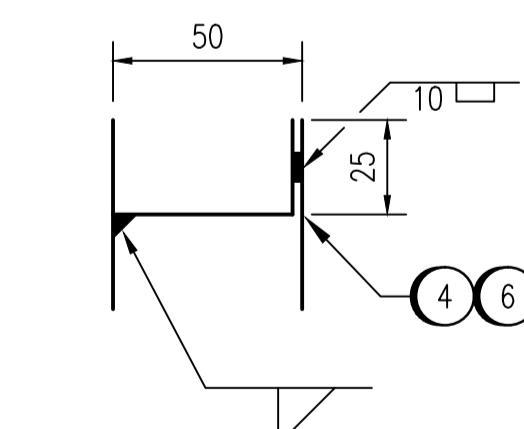
1 DOUBLE WALL DUCT DETAIL
SCALE: 1:10



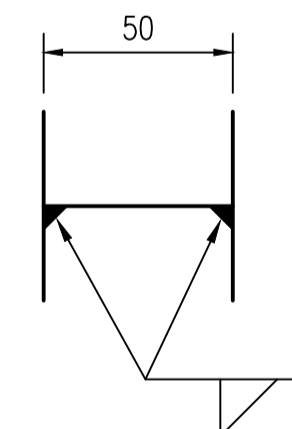
A DUCT SECTION
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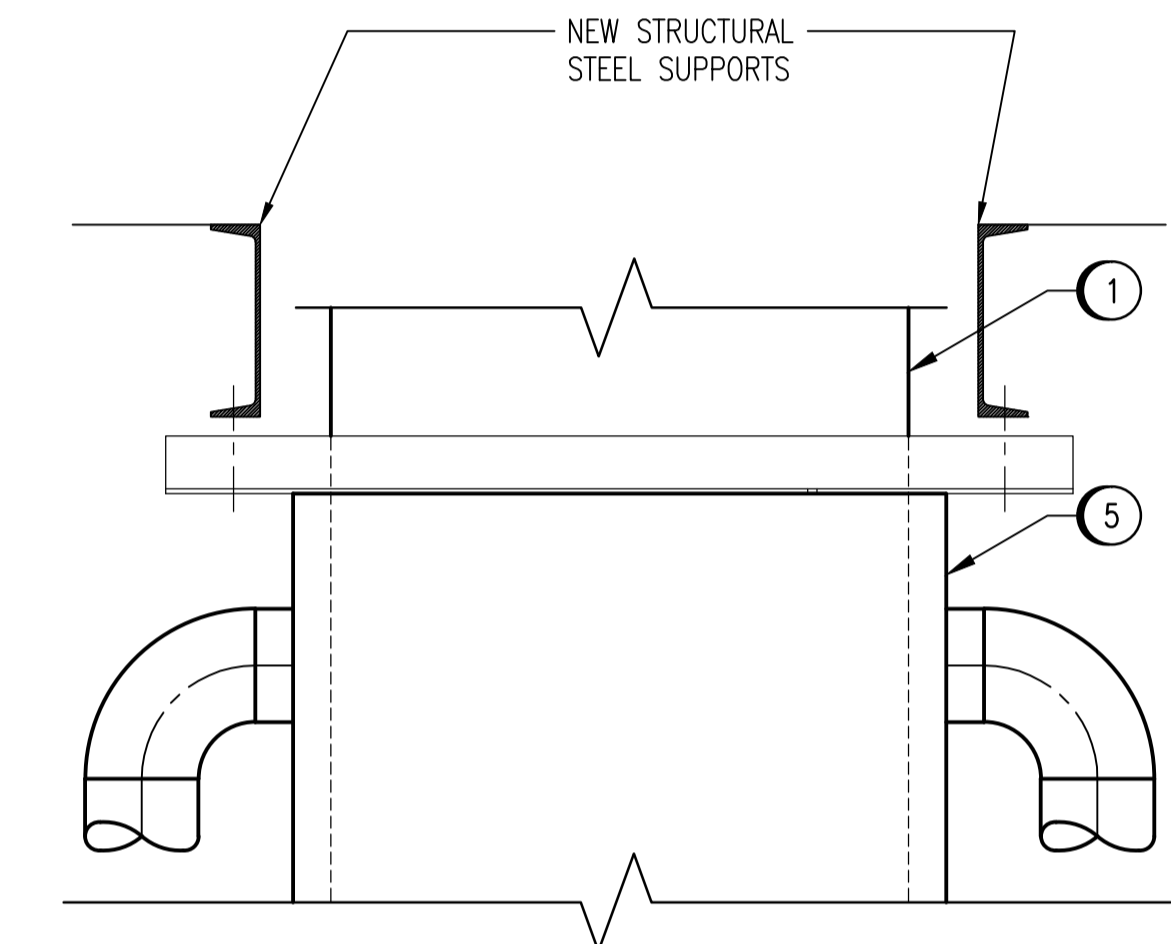
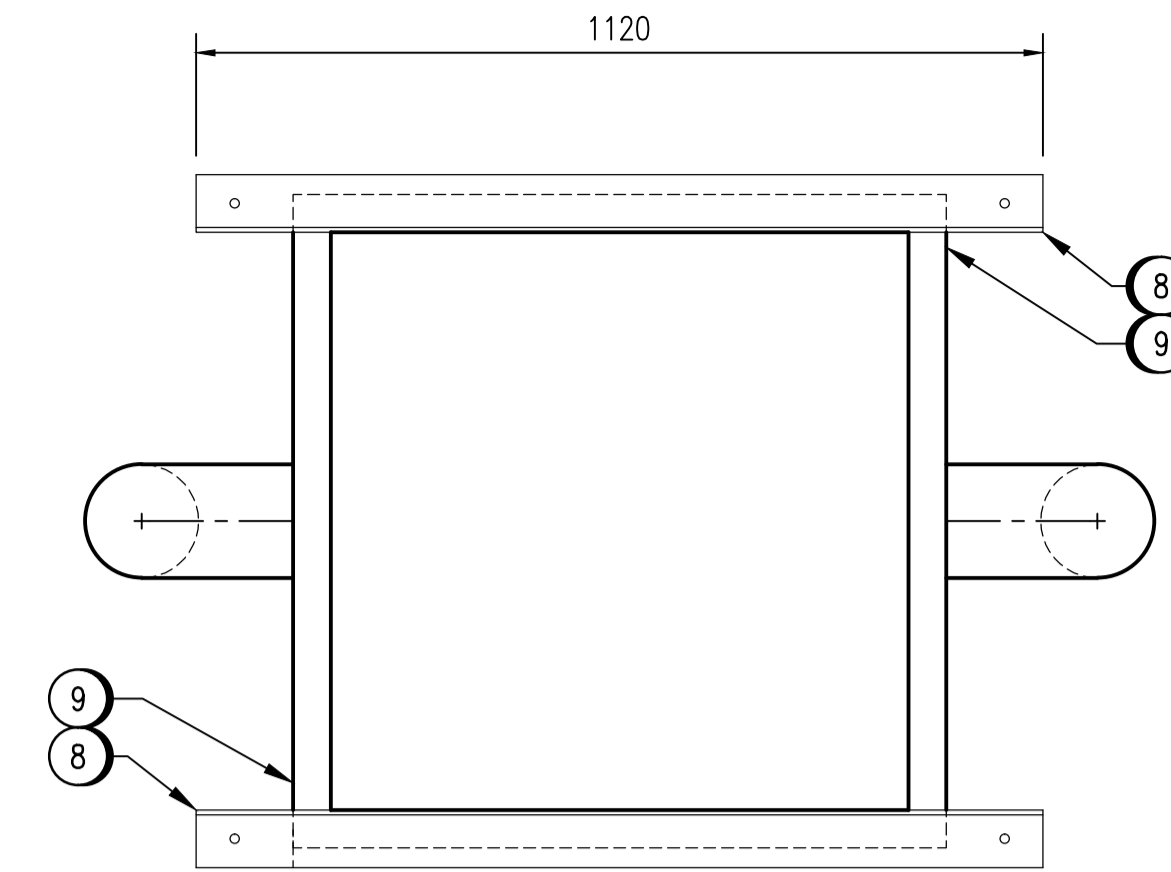
B DUCT SECTION
SCALE: 1:10



C WELD SECTION
SCALE: N.T.S.



D WELD SECTION
SCALE: N.T.S.



2 SUPPORT DETAIL
SCALE: 1:10

NO.	CONSTRUCTION NOTES
1	SUPPLY AND INSTALL 762 MM X 762 MM, 22 GAUGE, 316 STAINLESS STEEL INNER DUCT. LONGITUDINAL SEAM TO BE FULLY WELDED.
2	MODIFY TO SUIT FIRE DAMPER SLEEVE LENGTH.
3	SUPPLY AND INSTALL 316 STAINLESS STEEL PERFORATED PLATE. PLATE TO BE 20 GAUGE WITH 3 MM HOLES AND 50% OPEN AREA. TACK WELD PERFORATED PLATE TO INNER DUCT.
4	SUPPLY AND FULLY WELD 20 GAUGE, 316 STAINLESS STEEL TABS TO INNER DUCT.
5	SUPPLY AND INSTALL 864 MM X 864 MM, 22 GAUGE, 316 STAINLESS STEEL OUTER DUCT COMPLETE WITH OPENINGS FOR 152 MM ROUND DUCT. LONGITUDINAL SEAM TO BE FULLY WELDED.
6	PLUG WELD TABS TO OUTER DUCT AT LOCATIONS SHOWN.
7	WELD 20 GAUGE, 316 STAINLESS STEEL TABS TO INNER AND OUTER DUCT.
8	FULLY WELD 76X76X6.4, 316 STAINLESS STEEL ANGLE TO INNER AND OUTER DUCT.
9	FULLY WELD 22 GAUGE, 316 STAINLESS STEEL PLATES TO INNER AND OUTER DUCT. PLATES COMBINED WITH ANGLES TO PROVIDE A SEAL BETWEEN THE INNER AND OUTER DUCTS.
10	USE 10 MM 316 STAINLESS STEEL ROD TO SUPPORT DUCT.
11	WELD INNER DUCT TO FIRE DAMPER SLEEVE.



APECM
Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
01	ISSUED FOR TENDER, BID OPP. 42-2013	2013/03/25	TRS	SN
00	ISSUED FOR TENDER, BID OPP. 545-2012	2012/09/10	TRS	SN

SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
DESIGNED BY: T. SCHICK	CHECKED BY: S. NORSWORTHY
DRAWN BY: C. COOPER	APPROVED BY: C. REIMER
SCALE: 1:50	RELEASED FOR CONSTRUCTION BY: NEIL HARRINGTON
DATE: 2012/08/23	DATE: 2012/10/10
CONSULTANT NO.: 112577-0116-45DD-0115	

ENGINEER'S SEAL
ORIGINAL DRAWING SEALED BY:
S. S. NORSWORTHY
SNC-LAVALIN
MEMBER #20725
2012/10/11
REV. 00

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT	
SOUTH END WATER POLLUTION CONTROL CENTRE VENTILATION & MISC. UPGRADES DETAILS & SECTIONS WET WELL VENTILATION	
CITY DRAWING NUMBER 1-0102G-M0028	SHEET REV. SIZE 001 01 A1