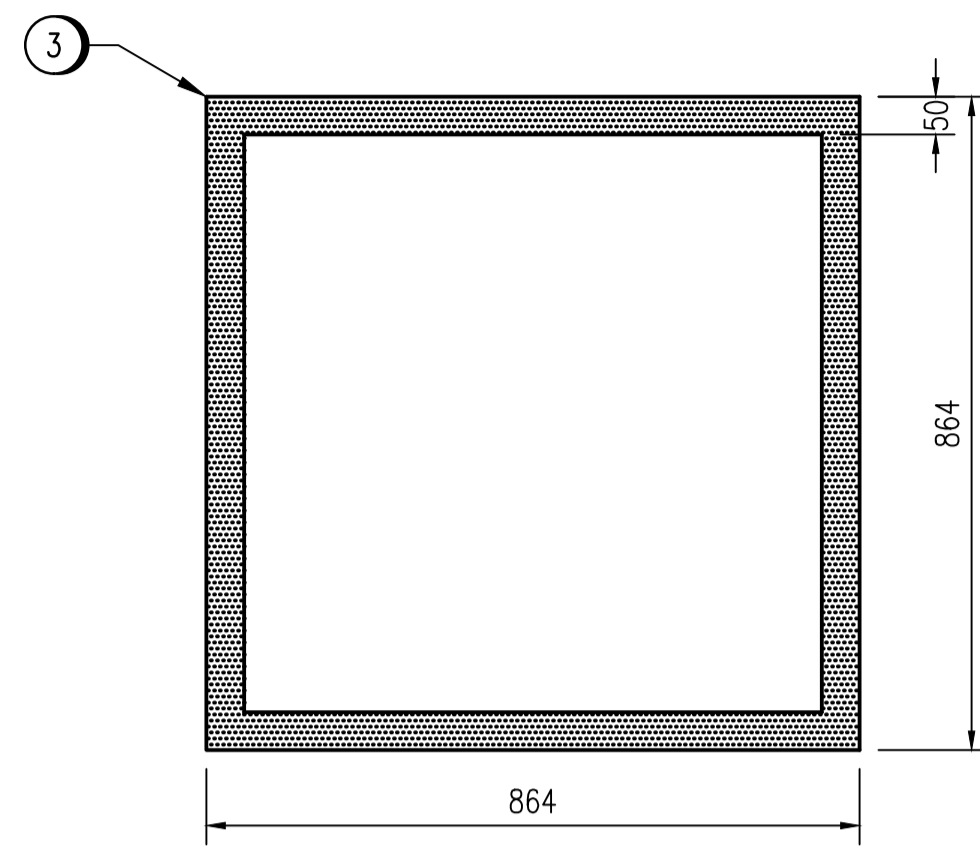
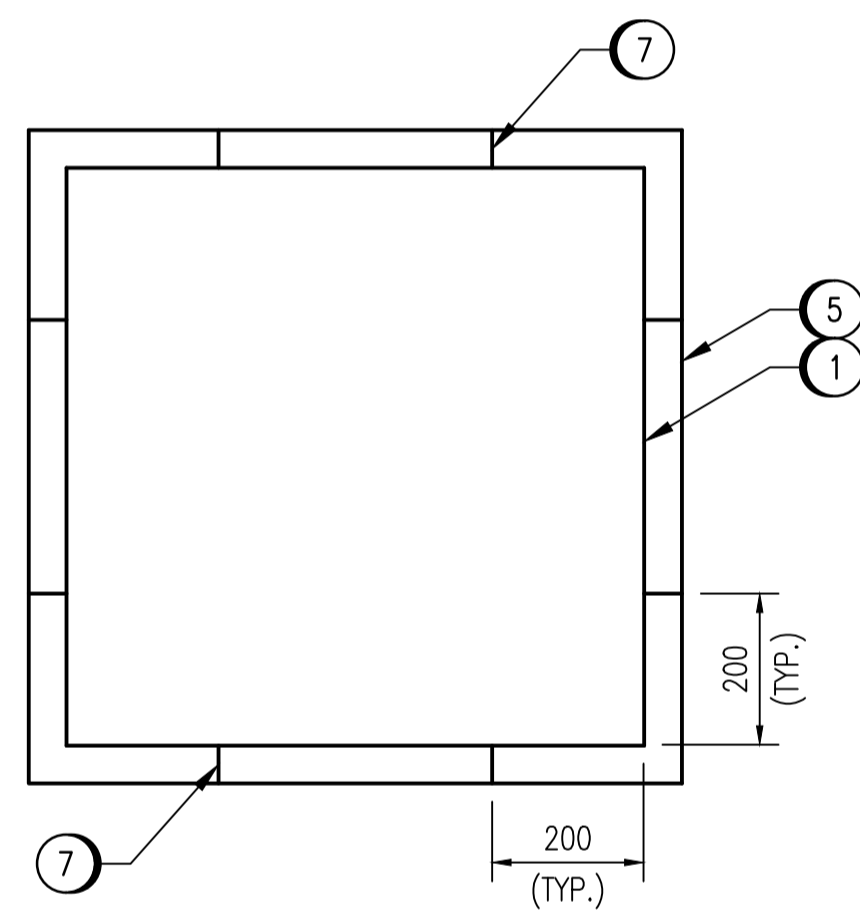


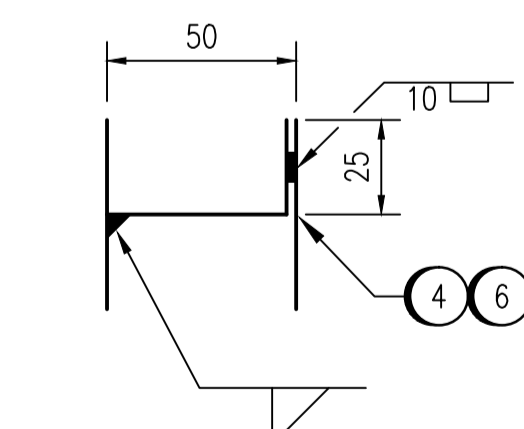
**1 DOUBLE WALL DUCT DETAIL**  
 SCALE: 1:10



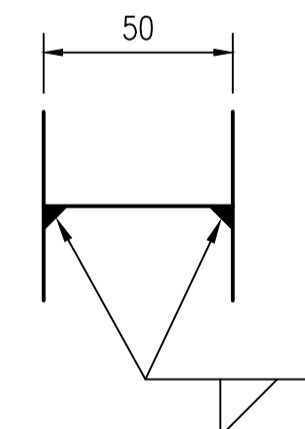
**A DUCT SECTION**  
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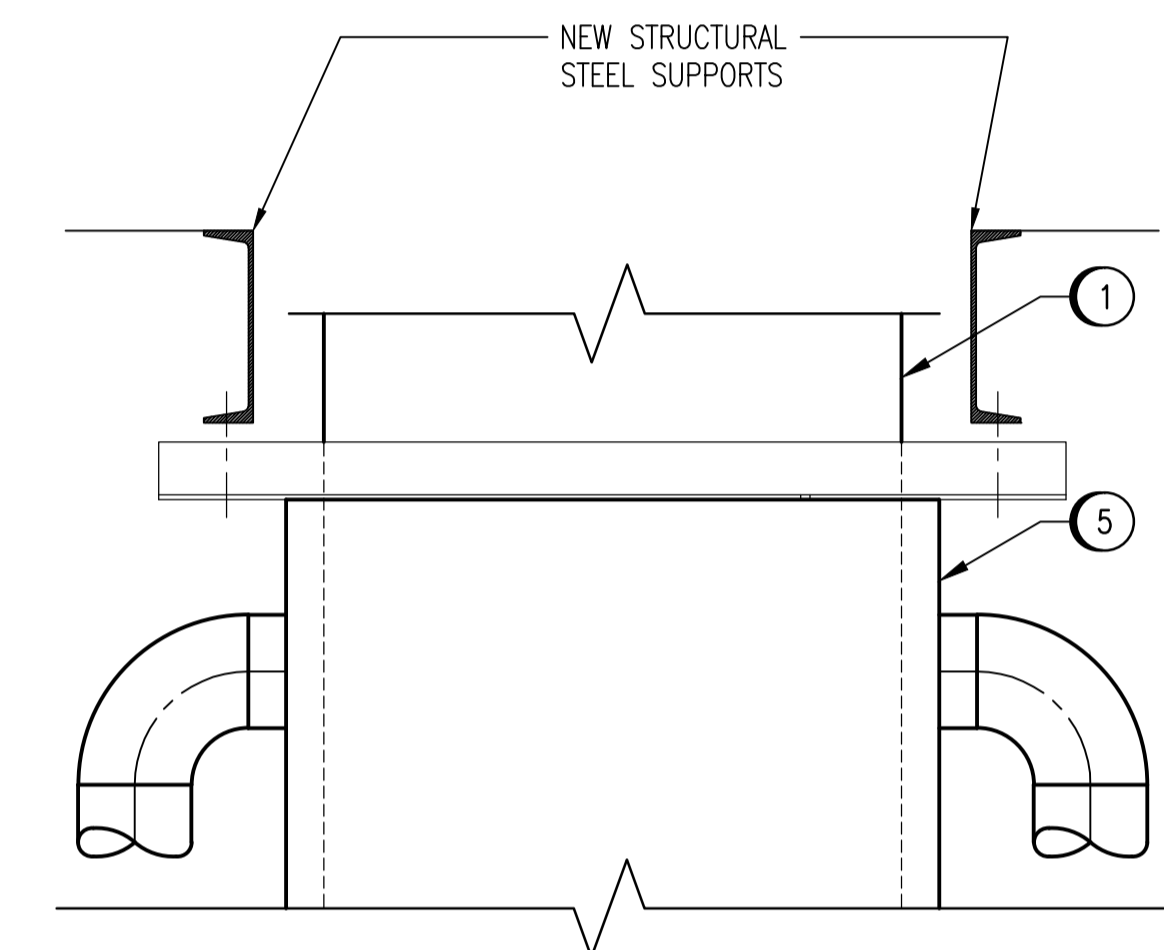
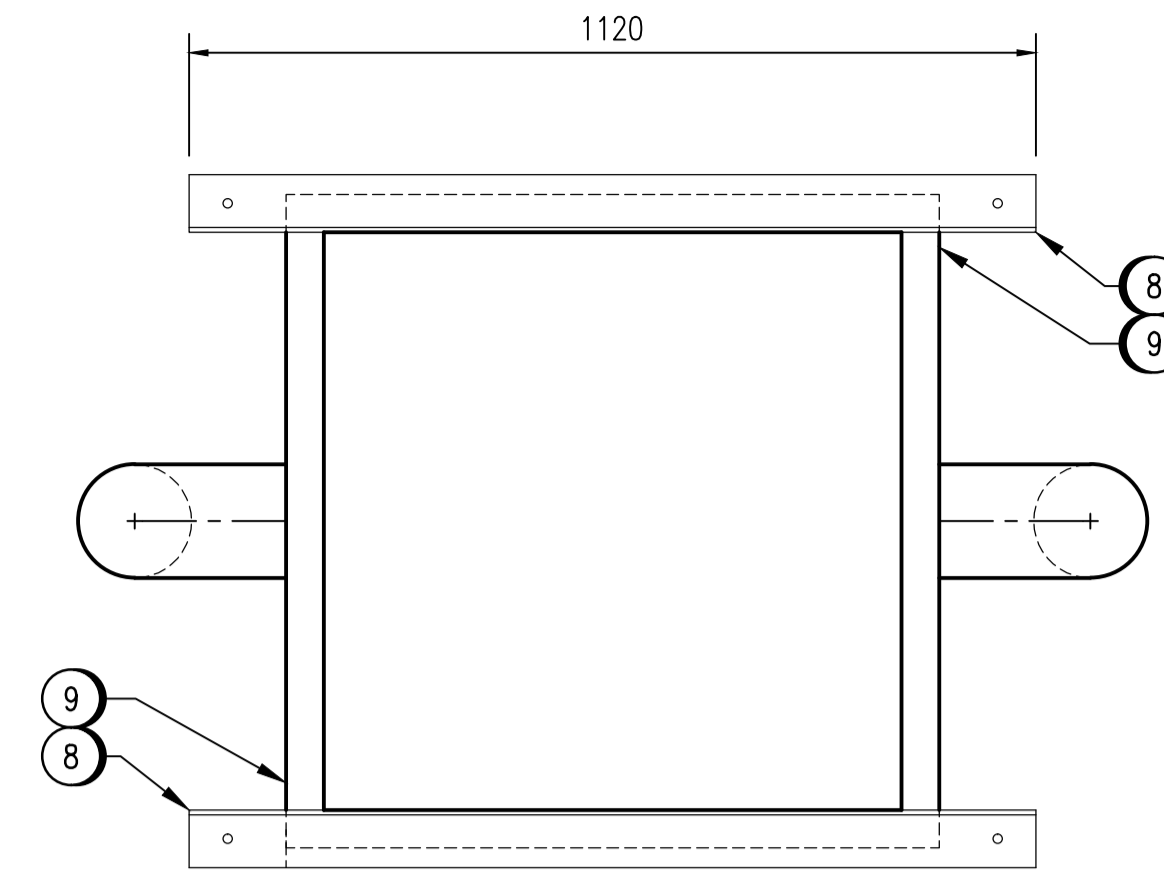
**B DUCT SECTION**  
 SCALE: 1:10



**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
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		ENGINEER'S SEAL  ORIGINAL DRAWING SEALED BY: S. S. NORSWORTHY SNC-LAVALIN MEMBER #20725 2012/10/11 REV. 00
DESIGNED BY: T. SCHICK DRAWN BY: C. COOPER SCALE: 1:50 DATE: 2012/08/23	CHECKED BY: S. NORSWORTHY APPROVED BY: C. REIMER RELEASED FOR CONSTRUCTION BY: NEIL HARRINGTON DATE: 2012/10/10	CONSULTANT NO.: 112577-0116-45DD-0115

 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 001
REV. 00	SIZE A1