

H.V.A.C. LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FIRE DAMPER		NEW RETURN OR EXHAUST GRILLE
	BALANCING DAMPER		EXISTING RETURN OR EXHAUST GRILLE
	MOTOR OPERATED DAMPER		EXISTING LINEAR DIFFUSER
	NEW DUCT	 8ø 200 NECK OR FACE SIZE (in.) AIR FLOW (CFM)	RELOCATE EXISTING ITEM
	EXISTING DUCT		
	NEW FLEX DUCT	 8ø 200 NECK OR FACE SIZE (in.) AIR FLOW (CFM)	NEW ITEM
	EXISTING FLEX DUCT		
	NEW SQUARE OR RECTANGULAR DIFFUSER	N	REMOVE EXISTING ITEM
	EXISTING SQUARE OR RECTANGULAR DIFFUSER		

CONTROLS LEGEND	
SYMBOL	DESCRIPTION
	ELECTRIC THERMOSTAT
	PNEUMATIC THERMOSTAT
	CONTROL WIRING
	RELOCATE EXISTING ITEM
N	NEW ITEM
	REMOVE EXISTING ITEM

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER CIRCULATION
	CONDENSATE PIPING
	VENT
	SANITARY ABOVE GRADE OR FLOOR
	SANITARY BELOW GRADE OR FLOOR
	BALL VALVE
	RELOCATE EXISTING ITEM
N	NEW ITEM
	REMOVE EXISTING ITEM

MECHANICAL DRAWING LIST	
DRAWING NO.	DRAWING TITLE
M001	MECHANICAL DRAWING LIST, LEGEND & DETAILS
M100	EIGHTH FLOOR PLAN – MECHANICAL
M101	NINTH FLOOR MEZZANINE PLAN – MECHANICAL

Canada

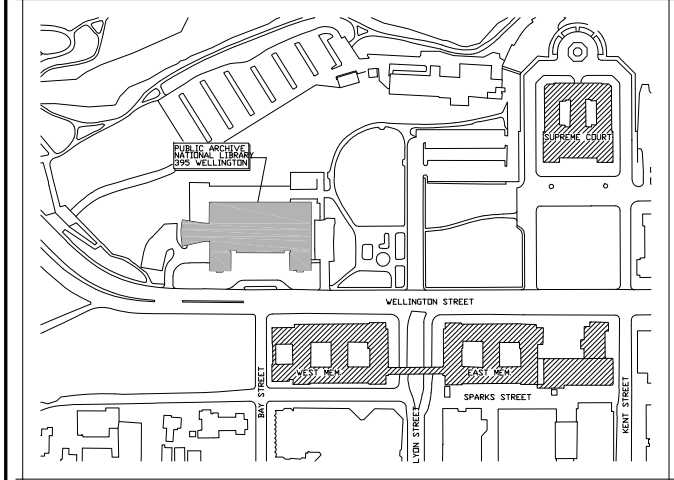
Robertson Martin

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RMA

Smith + Andersen

1600 Carling Avenue, Suite 530 Ottawa Ontario K1Z 1G3  
613 230 1186 f 613 230 2598 smithandanderson.com



KEY PLAN  
PLAN—REPERE

Contractor to verify all dimensions  
& conditions on site and immediately  
notify the engineer of all discrepancies.

revisions	description	date
5	ISSUED FOR TENDER	APR. 04 2013
4	ISSUED FOR 100% SUBMISSION	MAR. 01 2013
3	ISSUED FOR 99% SUBMISSION	JAN. 31 2013
2	ISSUED FOR 66% SUBMISSION	OCT. 02 2012
1	ISSUED FOR 33% SUBMISSION	AUG. 27 2012

A detail no.  
no. du detail

B location drawing no.  
sur dessin no.

C drawing no.  
dessin no.

A

B

C

project projet

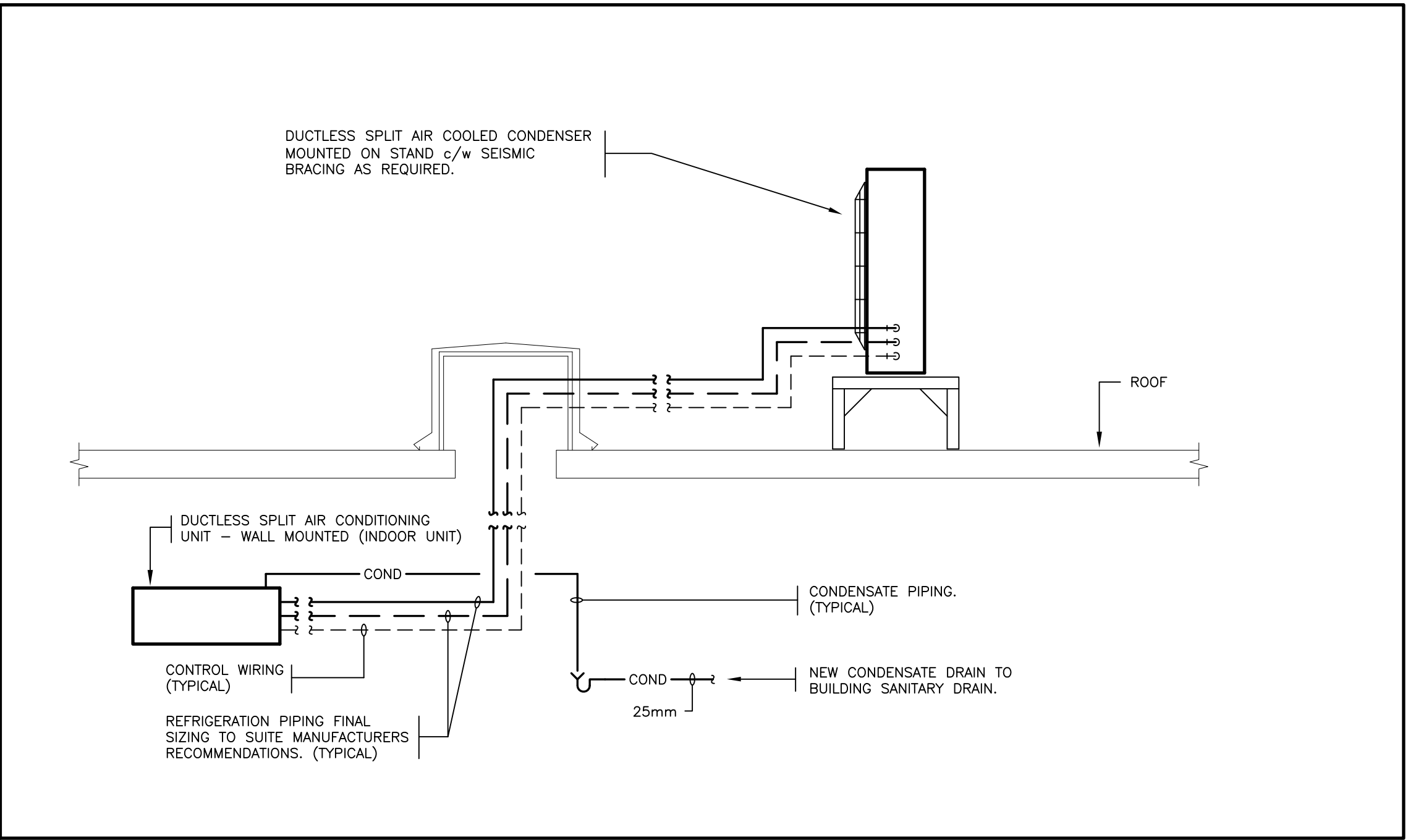
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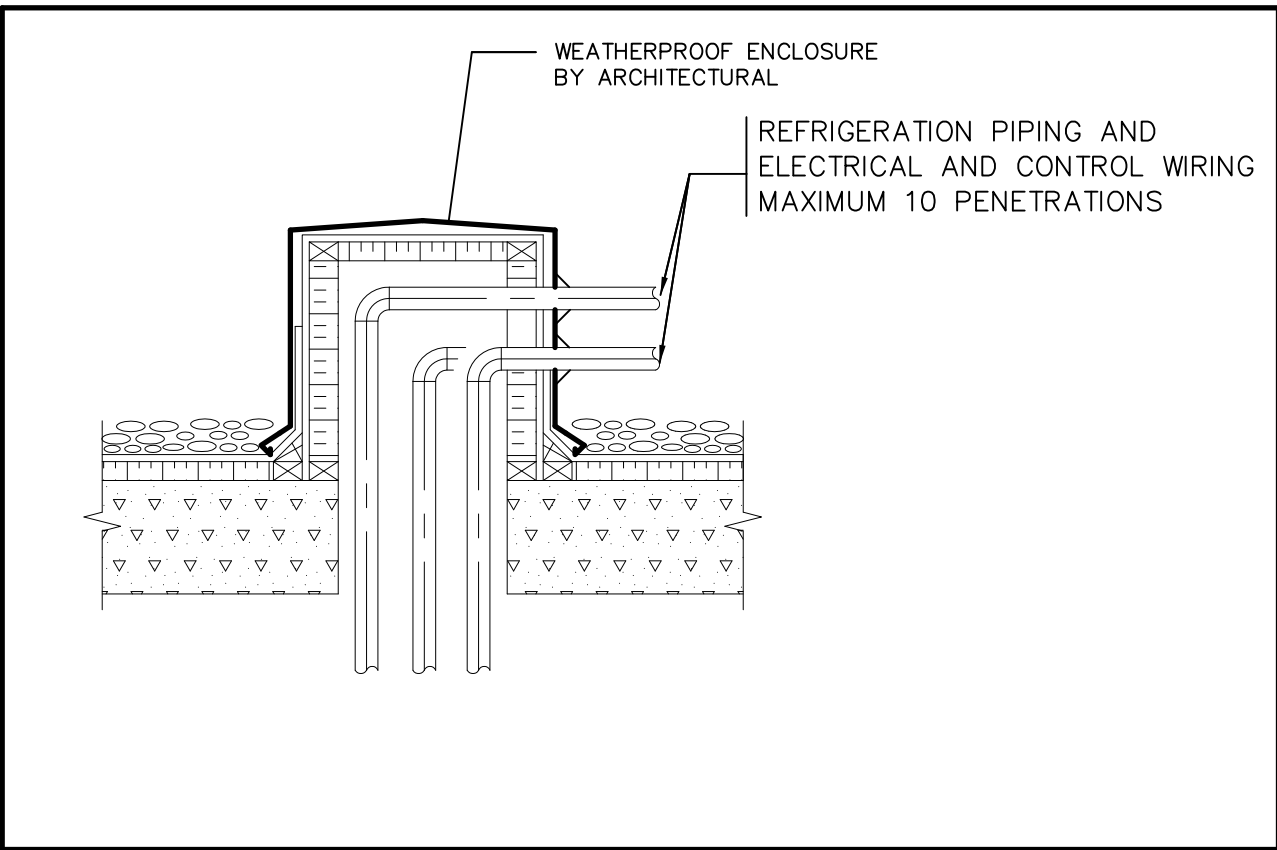
drawing dessin

**MECHANICAL  
DRAWING LIST,  
LEGEND & DETAILS**

Designed By	R.MACLAREN	Conçu par	
Date	AUGUST 2012	(yyyy/mm/dd)	
Drawn By	R.MACLAREN	Dessiné par	
Date	AUGUST 2012	(yyyy/mm/dd)	
Reviewed By	M.ST.LOUIS	Examiné par	
Date	AUGUST 2012	(yyyy/mm/dd)	
Approved By	M.ST.LOUIS	Approuvé par	
Date	AUGUST 2012	(yyyy/mm/dd)	
Tender	MARC SAUCIER	Soumission	
Project Manager	Administrateur de projets		
Project no.	No. du projet		
	<b>R042454.002</b>		
Drawing no.	No. du dessin		
	<b>M001</b>		



2  
M001  
DETAIL — DUCTLESS SPLIT AIR CONDITIONING SYSTEM  
SCALE: N.T.S.



1  
M001  
ROOF PENETRATION DETAIL  
SCALE: N.T.S.

AIR CONDITIONING SCHEDULE							
UNIT No.	LOCATION	MANUFACTURER	COOLING CAPACITY (kW)	MAX/MIN AIRFLOW (L/s)	REFRIGERATION PIPING		REMARKS
					LIQUID	GAS	
AC-1	INDOOR	MITSUBISHI, LG, DAIKIN	10.5 Max.	434/332	3/8"	5/8"	— REFRIGERANT R-410A
CU-1	OUTDOOR	MITSUBISHI, LG, DAIKIN	10.5 Max.	—	3/8"	5/8"	— REFRIGERANT R-410A — COMPLETE WITH ULTRA LOW AMBIENT COOLING KIT.
AC-2	INDOOR	MITSUBISHI, LG, DAIKIN	7.0 Max.	332/250	3/8"	5/8"	— REFRIGERANT R-410A
CU-2	OUTDOOR	MITSUBISHI, LG, DAIKIN	7.0 Max.	—	3/8"	5/8"	— REFRIGERANT R-410A — COMPLETE WITH ULTRA LOW AMBIENT COOLING KIT.
AC-3	INDOOR	MITSUBISHI, LG, DAIKIN	5.4 Max.	200/151	1/4"	1/2"	— REFRIGERANT R-410A
CU-3	OUTDOOR	MITSUBISHI, LG, DAIKIN	5.4 Max.	—	1/4"	1/2"	— REFRIGERANT R-410A — COMPLETE WITH ULTRA LOW AMBIENT COOLING KIT.
AC-4	INDOOR	MITSUBISHI, LG, DAIKIN	7.0 Max.	332/250	3/8"	5/8"	— REFRIGERANT R-410A
CU-4	OUTDOOR	MITSUBISHI, LG, DAIKIN	7.0 Max.	—	3/8"	5/8"	— REFRIGERANT R-410A — COMPLETE WITH ULTRA LOW AMBIENT COOLING KIT.

