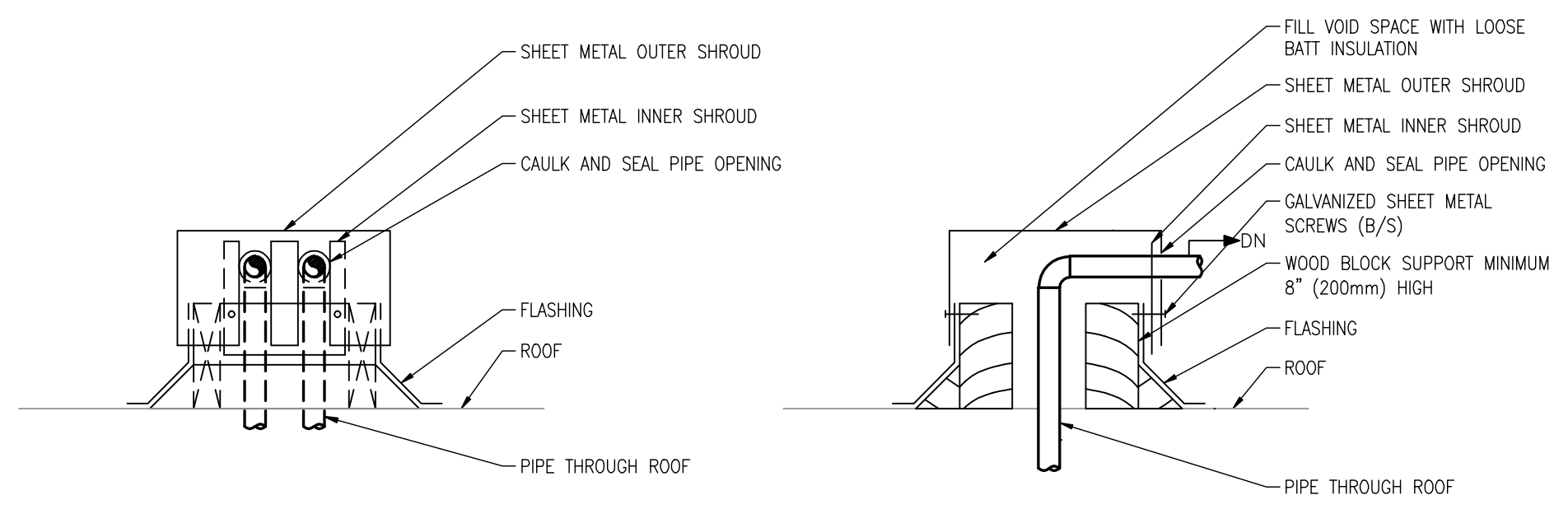
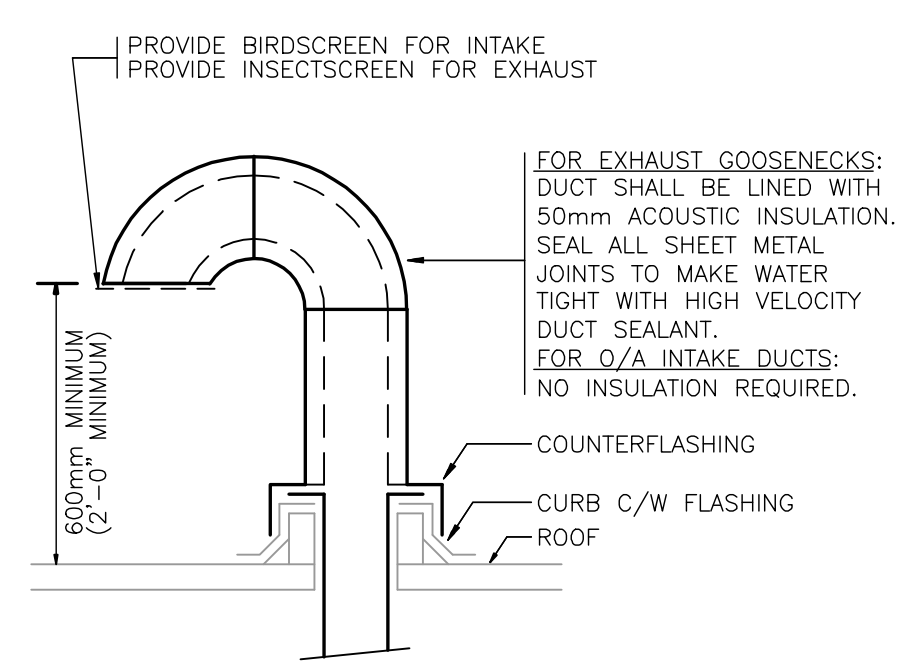


MAIN FLOOR NEW PLAN
SCALE: 3/16"=1'-0"



PIPE PENETRATION THROUGH ROOF DETAIL
SCALE: N.T.S.



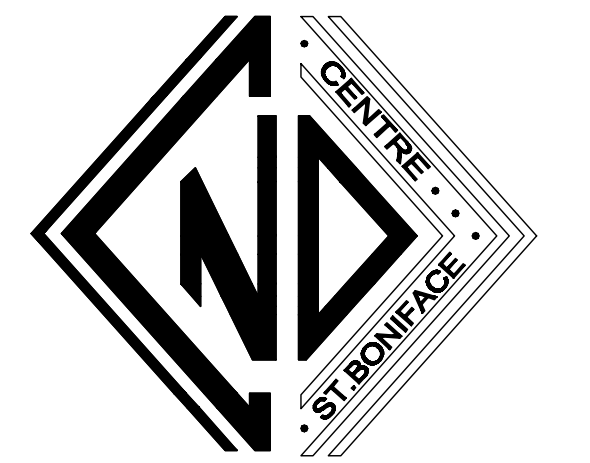
ROOF GOOSENECK DETAIL
SCALE: N.T.S.

GENERAL NOTES

- MECHANICAL SUBCONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES, INVERTS, ETC. PRIOR TO BID OPPORTUNITY CLOSE. VERIFY ALL CONNECTION POINTS ON SITE. MAKE ALL NECESSARY REVISIONS TO ACCOMMODATE INTENT AND INCLUDE IN BID OPPORTUNITY BID.
- MECHANICAL SUBCONTRACTOR SHALL ALLOW IN HIS BID OPPORTUNITY QUOTATION FOR ALL REQUIRED MODIFICATIONS TO EXISTING SYSTEMS (IE. REROUTING OF EXISTING PIPING, DRAIN LINES, VENT PIPING, ETC.) AS DEEMED NECESSARY DUE TO RENOVATION WORK.
- ALL CUTTING & PATCHING OF FLOOR SLABS, WALLS, ROOF, ETC. TO BE PERFORMED BY CONTRACTOR.
- ALL ABANDONED OR NOT REQUIRED SERVICES SHALL BE CAPPED-OFF BACK AT MAINS IN CONCEALED SPACES/BELOW FLOORS/IN CEILINGS, ETC. AND REMOVED.
- ANY ROOF PENETRATIONS NOT REQUIRED (IE. VENTS, DUCTWORK, ETC.) SHALL BE REMOVED AND ROOF TO BE PATCHED AND MADE GOOD.
- ALL INSTALLATIONS TO BE PERFORMED AS PER ALL CODES, REGULATIONS AND AUTHORITIES HAVING JURISDICTION. THIS SHALL BE INVESTIGATED PRIOR TO BID OPPORTUNITY CLOSE AND SHALL BE INCORPORATED INTO BID OPPORTUNITY QUOTE.
- FIELD MEASURE ALL EXISTING REGISTER OPENINGS PRIOR TO ORDERING NEW.

DRAWING NOTES:

- NEW PROGRAMMABLE THERMOSTAT C/W LOCKABLE METAL COVER.
- ARCHITECTURAL BULKHEAD.
- CONNECT NEW DUCT WORK TO EXISTING RETURN AIR DUCTWORK.
- NEW EXHAUST WALL CAP AT HIGH LEVEL. COORDINATE EXACT LOCATION ON SITE.
- LOCATION OF NEW ELECTRIC FORCE FLOW HEATER.
- HRV TO BE SUSPENDED FROM STRUCTURE C/W VIBRATION ISOLATORS.
- RETURN AIR GRILLE TO BE INSTALLED AT HIGH LEVEL BELOW CEILING. LOUVRE BLADES TO POINT UP.
- NEW ELECTRIC BASEBOARD. MECHANICAL SUBCONTRACTOR TO COORDINATE WITH ELECTRICAL.
- CONDENSING UNIT ON ROOF. REFER TO STRUCTURAL DRAWINGS FOR LOCATION. UNIT TO BE CONNECTED TO NEW COOLING COIL IN SUPPLY PLENUM OF RESPECTIVE EXISTING FURNACE. MODIFY EXISTING SUPPLY PLENUM TO SUIT. PROVIDE ALL NECESSARY PIPING, REFRIGERANT AND INSULATION. FIELD INSTALL SPRING ISOLATION KITS. INSTALL CONDENSING UNITS ON PRESERVED WOOD SLEEPERS.
- EXISTING RETURN AIR TO FURNACE TO BE EXTENDED INTO WASHROOM CEILING SPACE.
- CONNECT NEW 14"x6" SUPPLY DUCT TO EXISTING 14"x6" SUPPLY PLENUM. PROVIDE BALANCE DAMPER.
- DUCT UP TO GOOSENECK ON ROOF.
- FIELD MEASURE FLOOR OPENING TO DETERMINE PROPER SIZE OF REGISTER. TYPICAL ALL FLOOR REGISTERS IN MULTIPURPOSE AREA.
- NEW 5TON COOLING COIL TO BE INSTALLED INTO EXISTING SUPPLY AIR DUCTWORK. CONTRACTOR TO MAKE THE NECESSARY ALTERATIONS TO DUCTWORK TO ACCOMMODATE THE NEW COIL.



NO.	REVISION	DATE	BY
3	RE-ISSUED FOR BID OPPORTUNITY	12/05/07	M.H.
2	ISSUED FOR BID OPPORTUNITY	11/27/07	M.H.
1	ISSUED FOR FINAL REVIEW	10/12/07	M.H.
0	ISSUED FOR REVIEW	04/30/07	M.H.

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ORIGINAL AS SEALED ON 12/05/07 BY MIKE HOUVARDAS, P. ENG.

APEGN
Certificate of Authorization
Tower Engineering Group
No. 1818 Expiry: April 30, 2008

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PROJECT TITLE: **NOTRE DAME COMMUNITY CENTRE**
271 DE LA CATHEDRALE AVE. WINNIPEG, MANITOBA

SHEET TITLE: **NEW MAIN FLOOR HVAC PLAN**

DRAWN BY	SCALE	SHEET NUMBER
GN	AS NOTED	M-12
CHECKED BY	DATE	
M.H.	10/12/07	
PROJECT NUMBER	REVISION	
08-012	0	