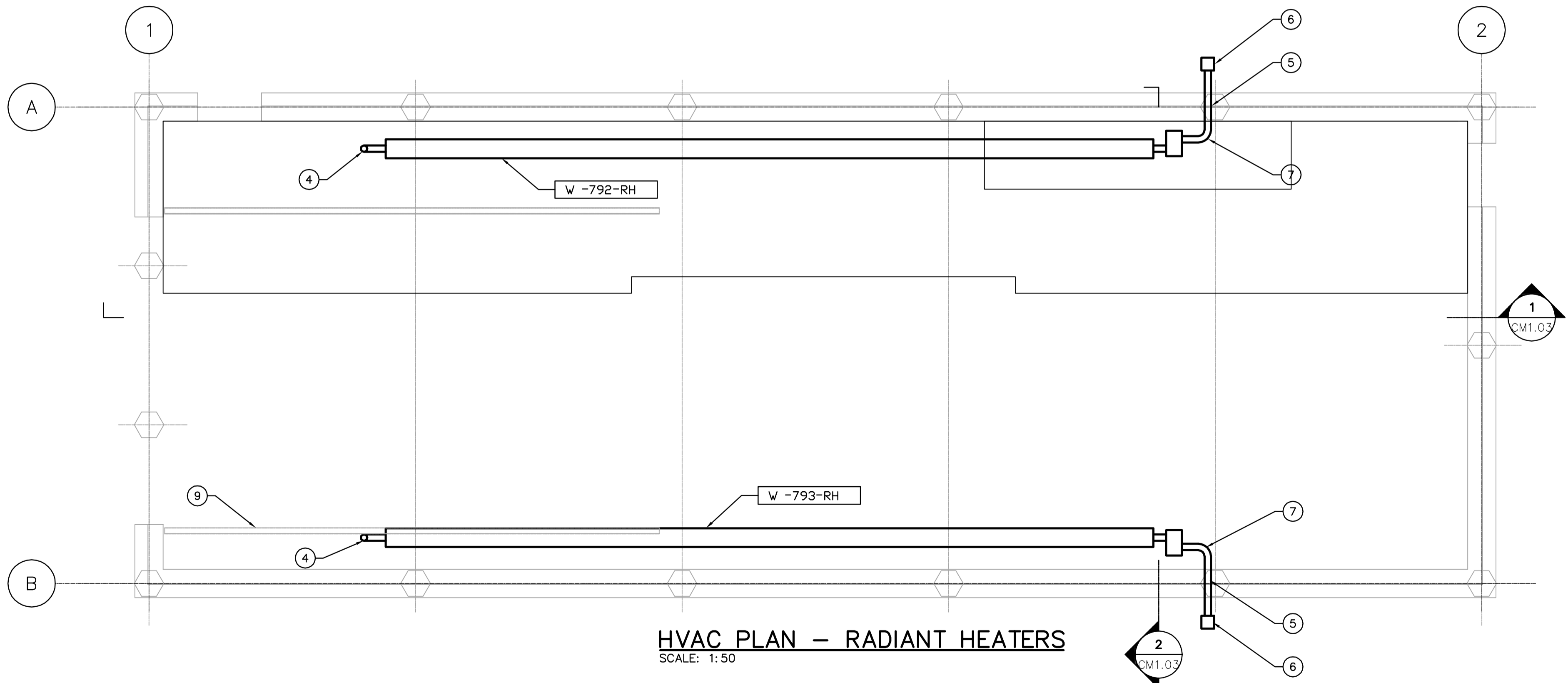


HVAC PLAN - DUCTWORK
SCALE: 1:50



HVAC PLAN - RADIANT HEATERS
SCALE: 1:50

DRAWING NOTES

- ① SUPPLY & INSTALL TURNING VANES IN DUCTWORK TO AID AIR MOVEMENT FROM EXHAUST FAN TO LOUVRE.
- ② EXHAUST DUCT THERMALLY INSULATED FROM WALL TO FAN BOX.
- ③ SUPPLY AIR DUCT TO BE THERMALLY INSULATED FROM WALL TO MAKE-UP AIR UNIT.
- ④ EXHAUST UP THROUGH ROOF. REFER TO ROOF PENETRATION DETAIL. PROVIDE APPROVED THIMBLE THROUGH ROOF ASSEMBLY.
- ⑤ MECHANICAL TO CORE HOLE IN MASONRY WALL. PROVIDE WEATHER-TIGHT WALL FINISH WITH CAULKING AROUND VENT PIPING.
- ⑥ APPROVED RAIN CAP. SLOPE SUPPLY AIR PIPING AWAY FROM BUILDING.
- ⑦ COMBUSTION AIR PIPING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. INSULATE AND PROVIDE ALUMINUM JACKETING.
- ⑧ FACTORY INSTALLED INLET SAFETY SCREEN ON W-EF-791.
- ⑨ OVERHEAD DOOR TRACK.
- ⑩ HVAC CONTROL PANEL. TOP OF PANEL TO BE INSTALLED 1500 AFF.

GENERAL NOTES

1. COORDINATE WITH OTHER TRADES SO AS TO PREVENT CONFLICTS.
2. PROVIDE HOUSEKEEPING PADS UNDER ALL FLOOR MOUNTED AIR HANDLING EQUIPMENT, PUMPS & TANKS. COORDINATE WITH STRUCTURAL FOR PAD HEIGHT.
3. ALL DUCTWORK SHALL BE SUPPORTED AND SUSPENDED AS PER SPECIFICATIONS AND LOCAL CODES. (SEE DETAILS)



NO.	ISSUED FOR TENDER	05/12/2	DC
00	ISSUED FOR TENDER	05/12/2	DC
NO.	REVISIONS	DATE	BY

EarthTech
A Tyco International Ltd. Company

DESIGNED BY	DC	CHECKED BY	AA
DRAWN BY	LJW	APPROVED BY	D. TANIGUCHI
SCALE:	1:50	RELEASED FOR CONSTRUCTION BY:	K. MARTENS
DATE	2005/09/21	DATE	05/12/02

ENGINEER'S SEAL
ORIGINAL SIGNED BY
P. TATARYN
2005/12/02
CONSULTANT DRAWING NO.
CM1.02

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

NEWPCC CENTRATE NUTRIENT TREATMENT
PHOSPHORUS REMOVAL FACILITY
CONTRACT No. 1

MECHANICAL
RAILCAR SHELTER
HVAC PLAN

CITY FILE NUMBER	
SHEET	OF
CITY DRAWING NUMBER	1-010F-A-M0002-001-00-D