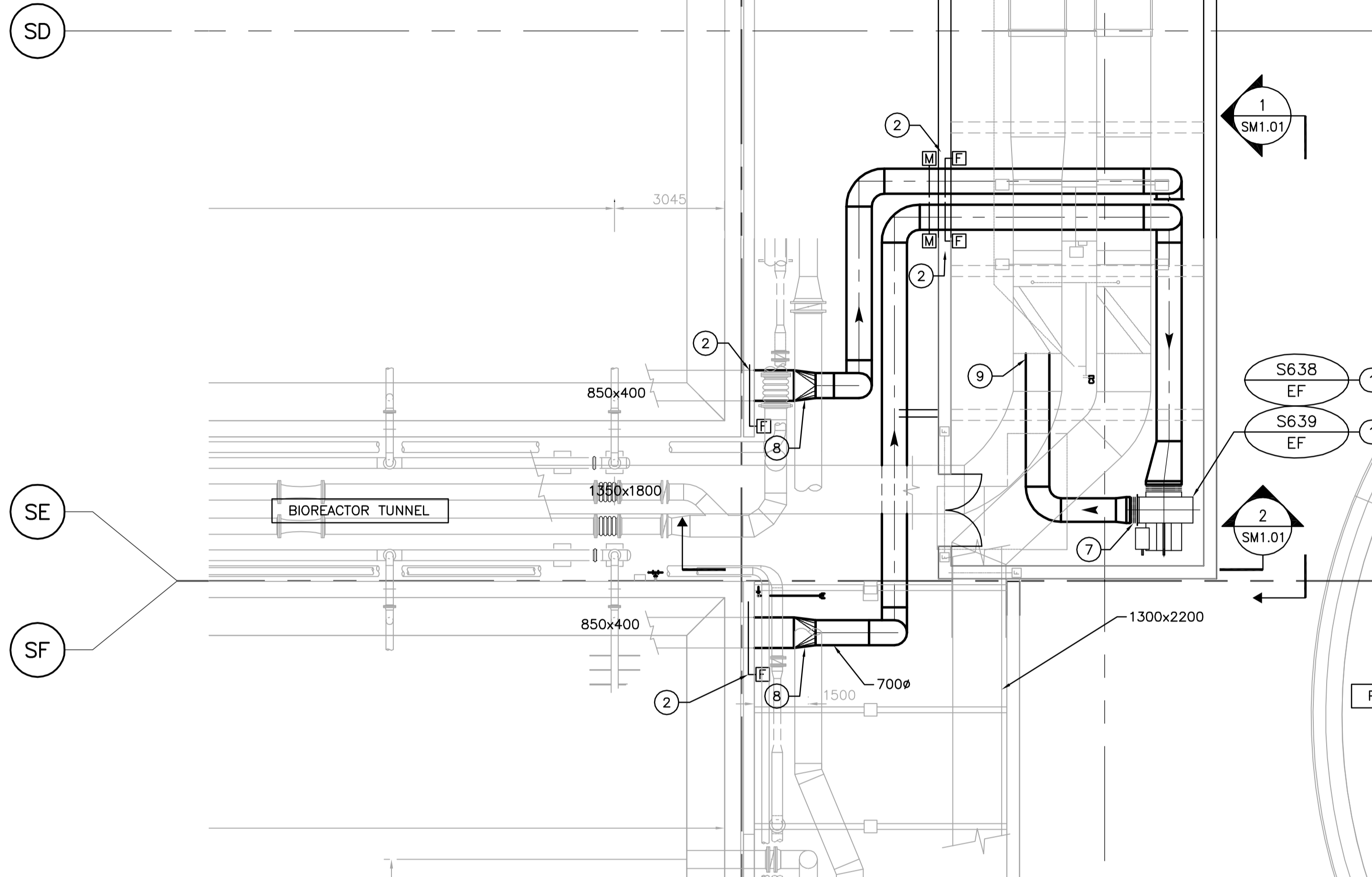
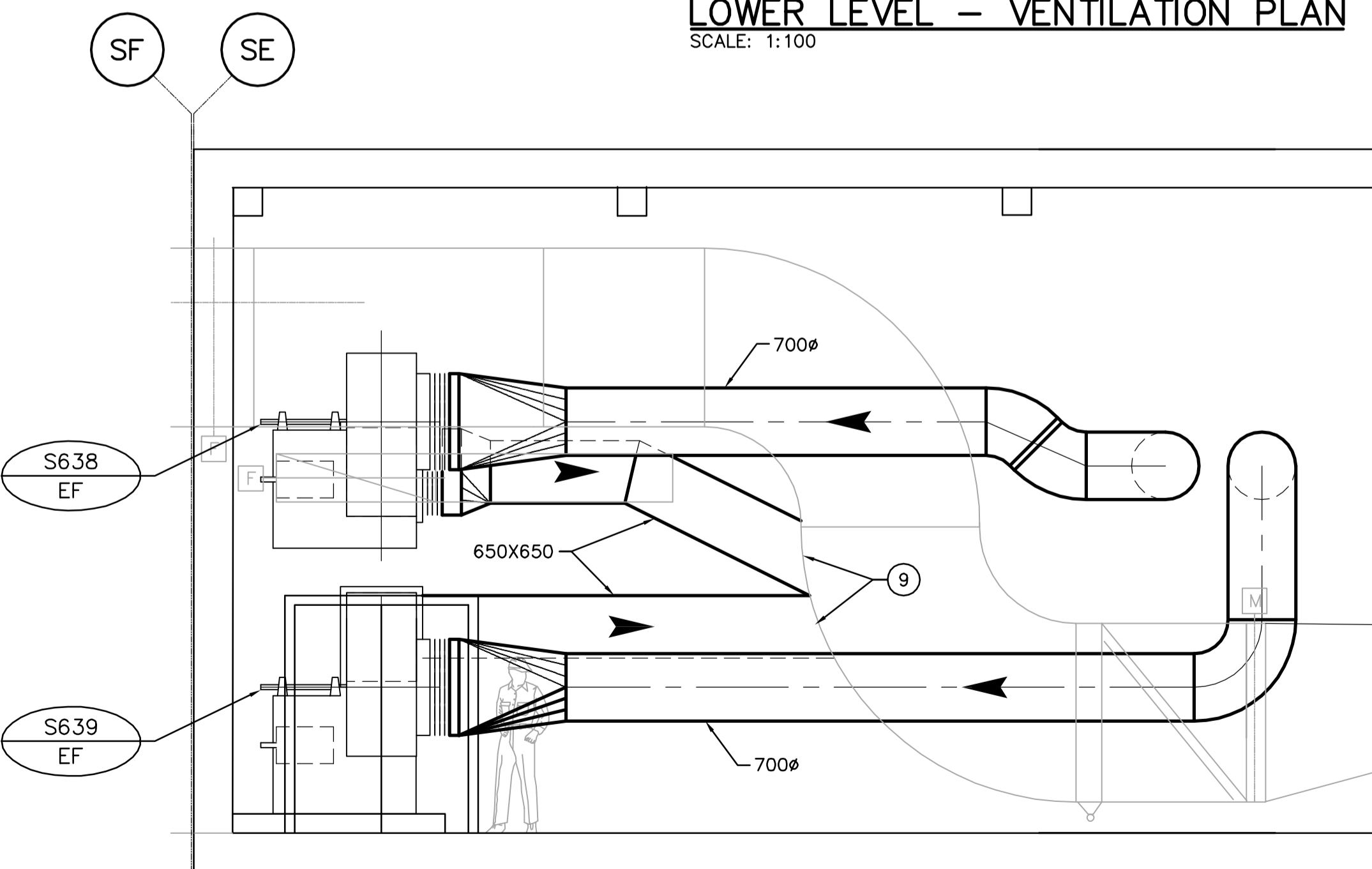


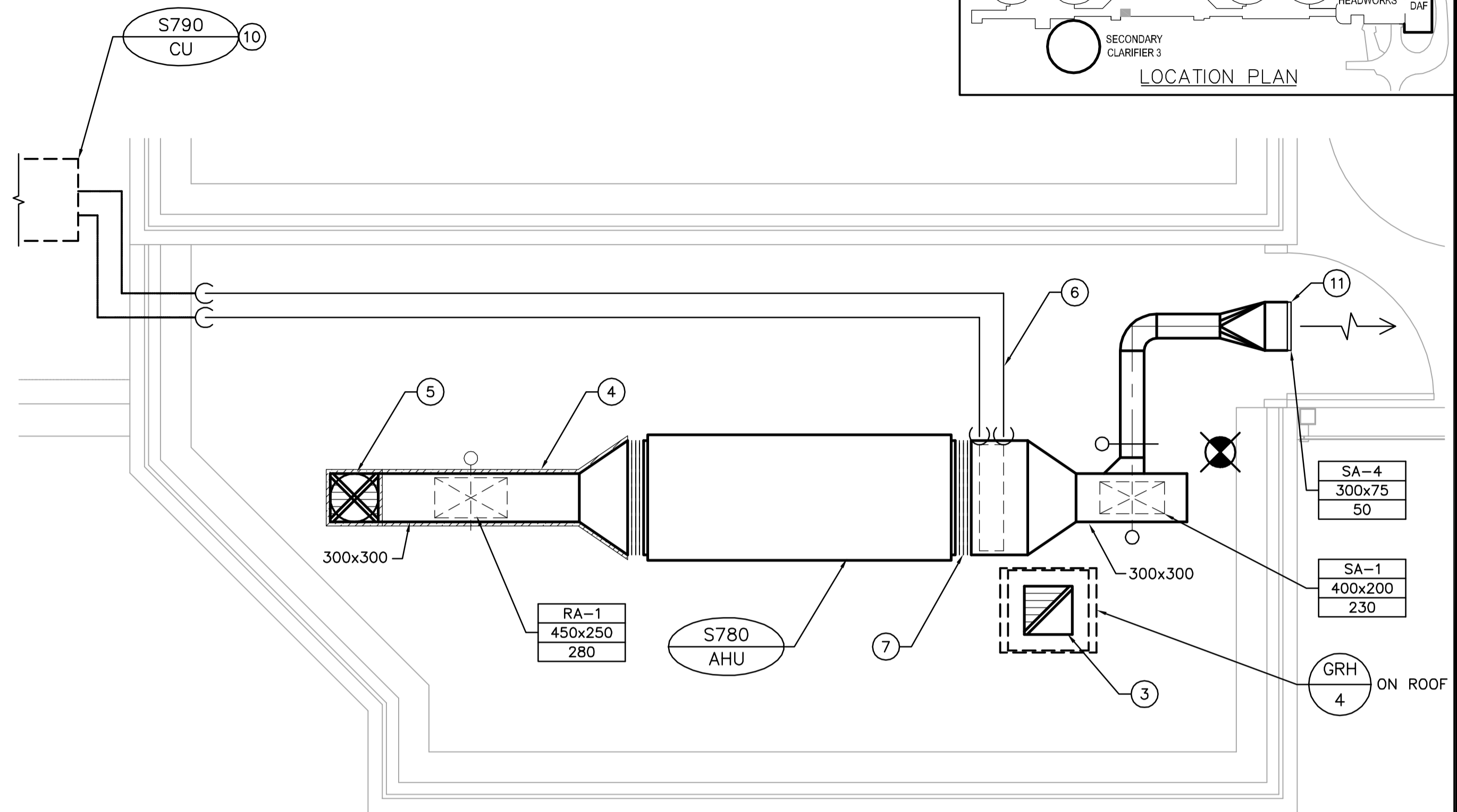
S4 S3 S2



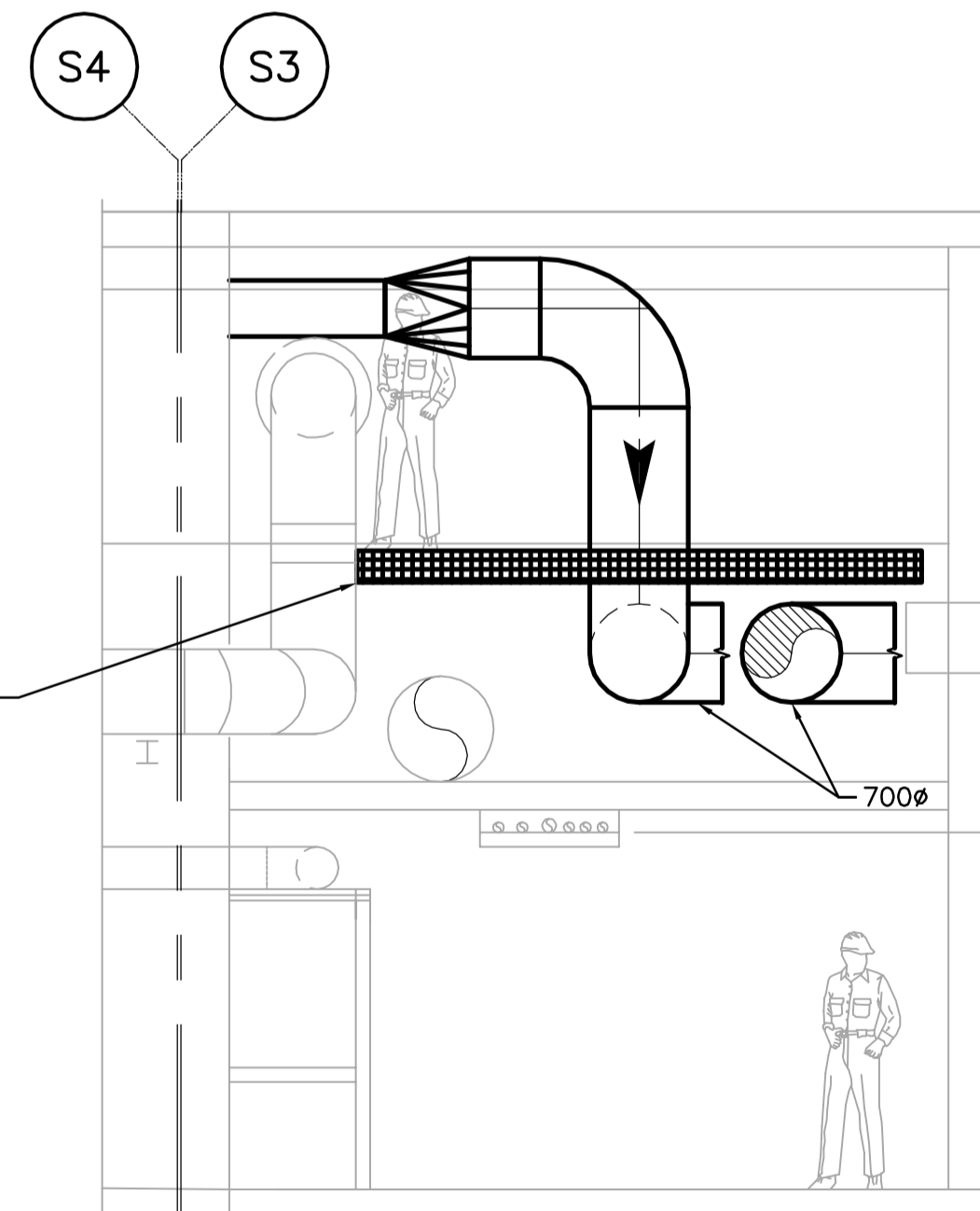
LOWER LEVEL - VENTILATION PLAN
SCALE: 1:100



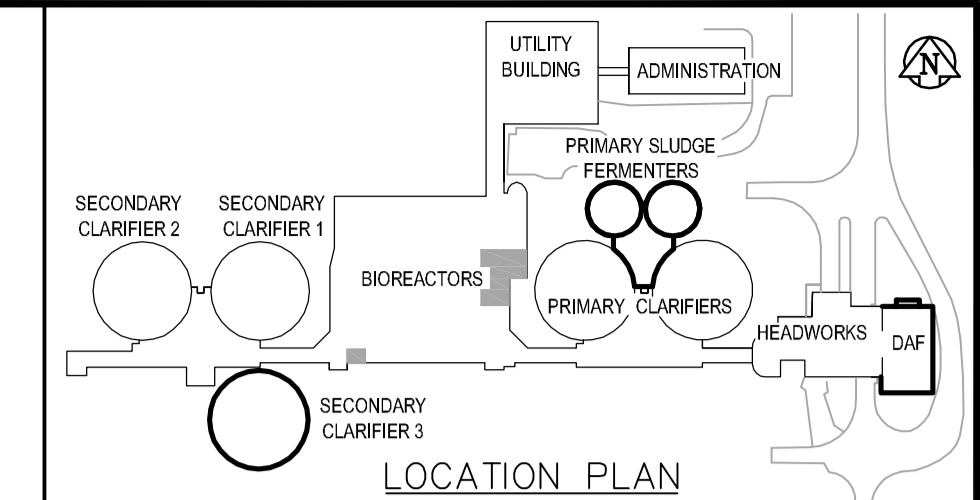
1 SECTION
SM1.01 SCALE 1:100



ELECTRICAL ROOM - VENTILATION PLAN
SCALE: 1:25



2 SECTION
SM1.01 SCALE 1:100



DRAWING NOTES

- ① INSTALL NEW EXHAUST FANS, SUPPORTS AND VIBRATION ISOLATORS.
- ② INSTALL NEW FIRE DAMPERS AND MOTORIZED DAMPERS.
- ③ 300x300 RELIEF AIR DUCT RISING TO RELIEF AIR HOOD ON ROOF c/w BACK DRAFT DAMPER. TERMINATE INTAKE OPENING APPROX. 600mm BELOW ROOF DECK.
- ④ PROVIDE 50mm EXTERNAL THERMAL INSULATION FOR A FULL DISTANCE.
- ⑤ 300φ GOOSENECK INTAKE ON ROOF c/w MOTORIZED DAMPER.
- ⑥ REFRIGERANT LINES DOWN FROM CONDENSING UNIT TO COOLING COIL.
- ⑦ FLEXIBLE CONNECTION. TYPICAL.
- ⑧ CONNECT NEW 1075φ EXHAUST INTAKE DUCT TO EXISTING 850x400 DUCT.
- ⑨ 650x650 DISCHARGE EXHAUST DUCT. CONNECT INTO EXISTING EXHAUST AIR MAIN.
- ⑩ CONDENSING UNIT LOCATED BESIDE THE BUILDING ON 600 HIGH METAL STAND SUPPLIED BY MECHANICAL CONTRACTOR.
- ⑪ LOCATE DIFFUSER ABOVE DOOR SILL.

GENERAL NOTES

1. COORDINATE WITH OTHER TRADES SO AS TO PREVENT CONFLICTS.
2. ALL DUCTWORK SHALL BE SUPPORTED AND SUSPENDED AS PER SPECIFICATIONS AND LOCAL CODES. (SEE DETAILS)
3. PROVIDE ACCESS DOORS TO INSPECT ALL FIRE DAMPERS.

B.M. ELEV.			
DESIGNED BY	DC	CHECKED BY	PVL
DRAWN BY	DC	APPROVED BY	JEH
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	J. VEILLEUX
VERTICAL SCALE:		DATE	2005/12/19
NO. REVISIONS		DATE	2006/04/26



DESIGNED BY	DC	CHECKED BY	PVL
DRAWN BY	DC	APPROVED BY	JEH
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	J. VEILLEUX
VERTICAL SCALE:		DATE	2005/12/19
NO. REVISIONS		DATE	2006/04/26

ENGINEER'S SEAL
ORIGINAL SIGNED BY
A. BURACHYNSKY
2006/04/26
CONSULTANT DRAWING NO.
SM1.01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WEWPCC
BIOLOGICAL NUTRIENT REMOVAL UPGRADE
CONTRACT 3

MECHANICAL
AREA S - BIOREACTORS
LOWER LEVEL, ELECTRICAL ROOM - VENTILATION PLANS

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER