

KEY NOTES

- 200x125 EXHAUST AIR DUCT FROM BASEMENT. ROUTE UP IN WALL CAVITY, AND TERMINATE AT EXHAUST AIR GRILLE ABOVE. BALANCE EACH BRANCH TO 66 L/S.
- IN-LINE STYLE DESTRATIFICATION FAN. FAN TO BE SUSPENDED FROM BRACKET ATTACHED TO CUSTOM MOUNTING BOX AT PEAK. COORDINATE WITH GENERAL CONTRACTOR DURING INSTALLATION. FANS TO BE CONTROLLED BY VARIABLE SPEED CONTROLLERS, IN LIFEGUARD OFFICE.
- 250x250 EXHAUST AIR GRILLE. MOUNT GRILLE IN NEW GABLE END WALL, ABOVE UPPER WINDOW. INSTALL 300x300x200 DEEP PLENUM BEHIND GRILLE. SEE SECTION 4, THIS SHEET.
- EXHAUST DUCT FROM BELOW TO BE INSTALLED WITHIN CHASE INSIDE JANITORS ROOM, SUCH THAT FIRE SEPARATION OF MAIN JANITOR ROOM WALLS ARE NOT COMPROMISED. FIRE DAMPER AT FLOOR PENETRATION TO INCLUDE ACCESS DOOR IN DUCT BELOW. INSTALL GRILLE IN WALL, AND CONNECT TO DUCT IN CHASE AS SHOWN.

VENTILATION GENERAL NOTES

- WHEN EXHAUST FAN EF-1 IS IN OPERATION, OPERABLE WINDOWS ARE TO BE OPEN TO ALLOW MAKE-UP AIR INTO THE BUILDING.
- ALL DUCT JOINTS ARE TO BE SEALED AIR TIGHT.
- DUCT ROUTING SHOWN ON DRAWING IS AN APPROXIMATE REPRESENTATION OF INSTALLATION LOCATIONS. CONTRACTOR TO VERIFY ROUTING ON SITE AND ADJUST AS REQUIRED TO ALIGN WITH WALLS AND AVOID INTERFERENCE WITH EXISTING POOL EQUIPMENT. COORDINATE DUCT ROUTING WITH PLUMBING CONTRACTOR. SLOPED SANITARY PIPING WILL TAKE PRECEDENCE FOR CEILING LOCATIONS IN BASEMENT.
- ALL DUCTS PASSING THROUGH FIRE RATED FLOOR, AND/OR FIRE RATED WALLS, ARE TO BE C/W FIRE DAMPER. SUPPLY AND INSTALL ACCESS HATCHES IN DUCTWORK WHERE REQUIRED FOR ACCESS TO FIRE DAMPERS.

LEGEND

- GRILLE TAG
--- AIRFLOW (L/S)
- IN-LINE DESTRATIFICATION FAN
- DIRECTION OF AIRFLOW
- EA EXHAUST AIR
- EF-1 EXHAUST FAN
- BDD BACKDRAFT DAMPER (BY FAN MRF)
- BD BALANCING DAMPER



0 ISSUED FOR TENDER NOV/08/2019

revisions date

project REHABILITATION
POOL BATH HOUSE
FUNDY NATIONAL PARK
ALMA, NB
ALBERT COUNTY

drawing dessin

VENTILATION

designed A/JB conçu

date A/JB dessiné

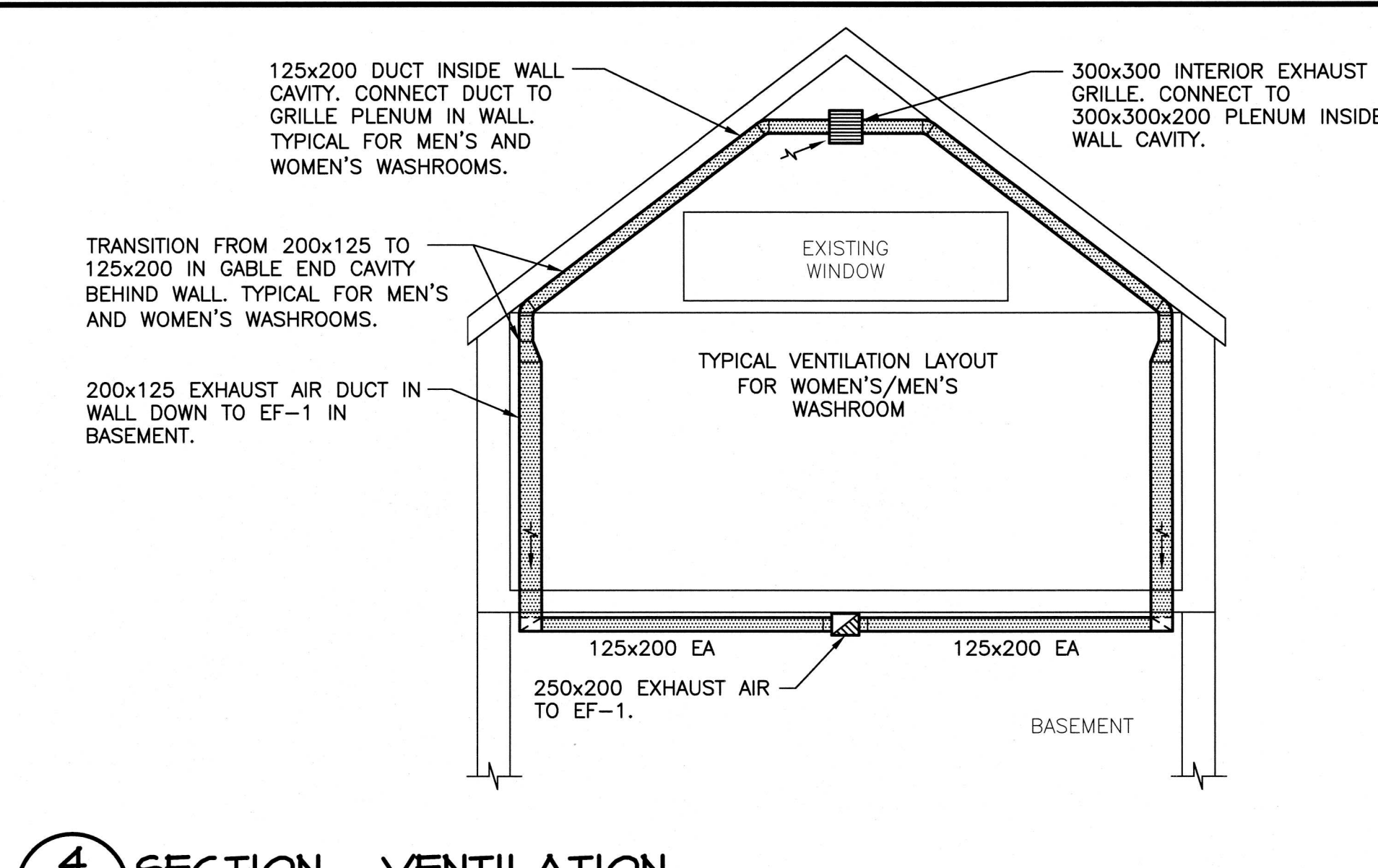
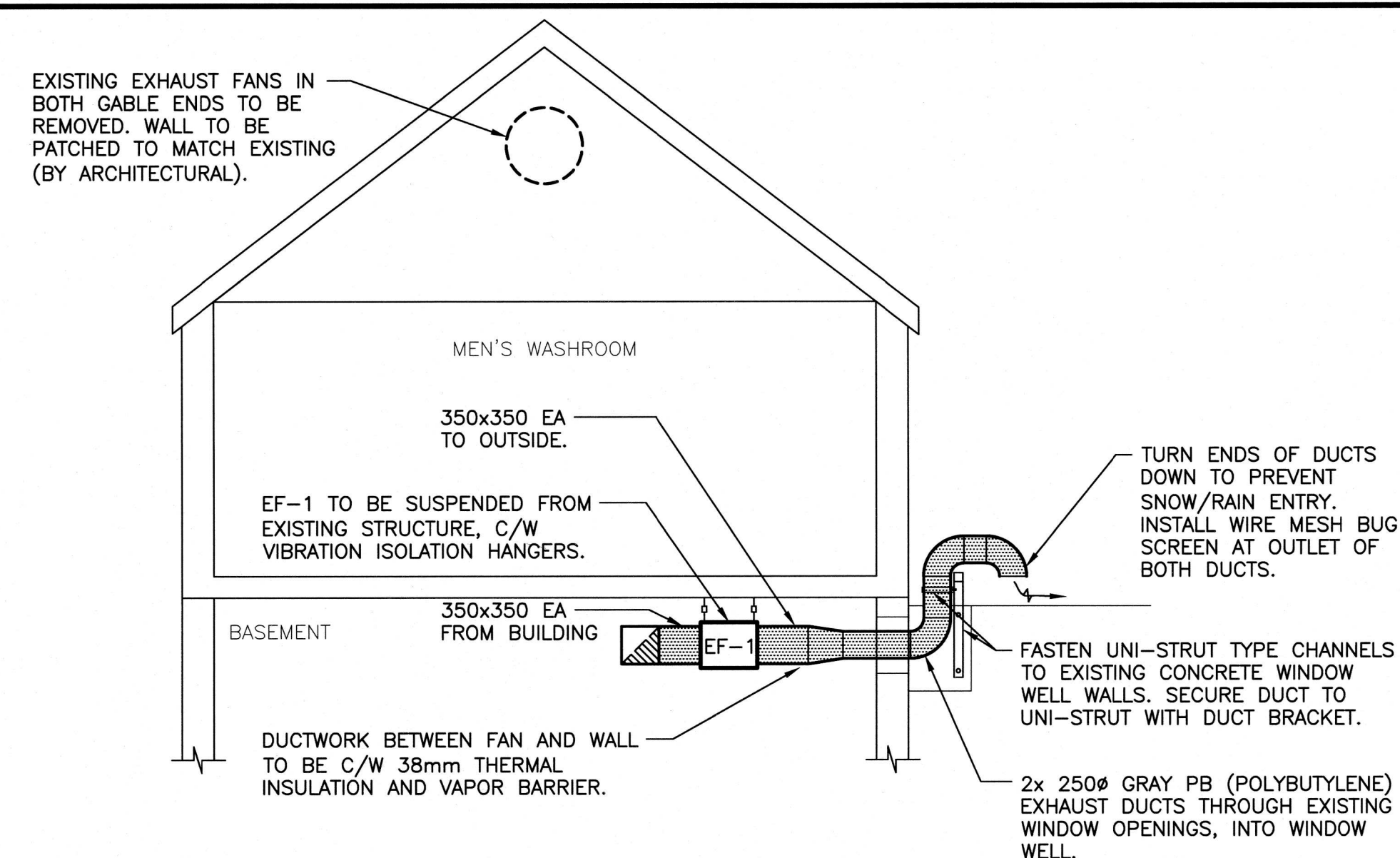
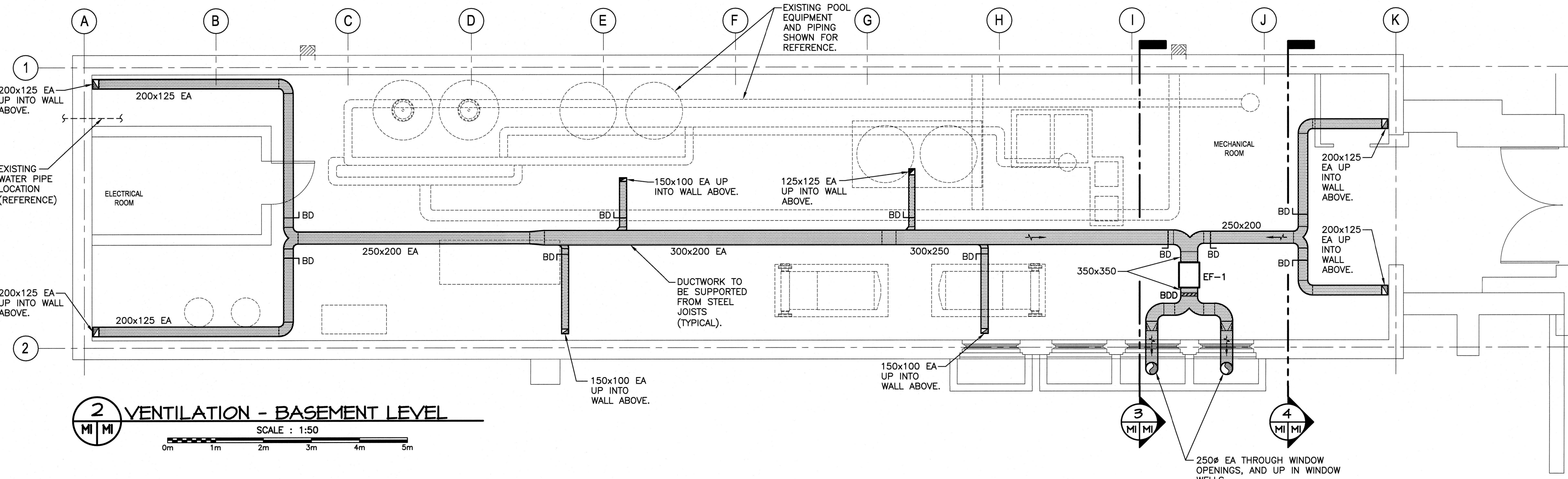
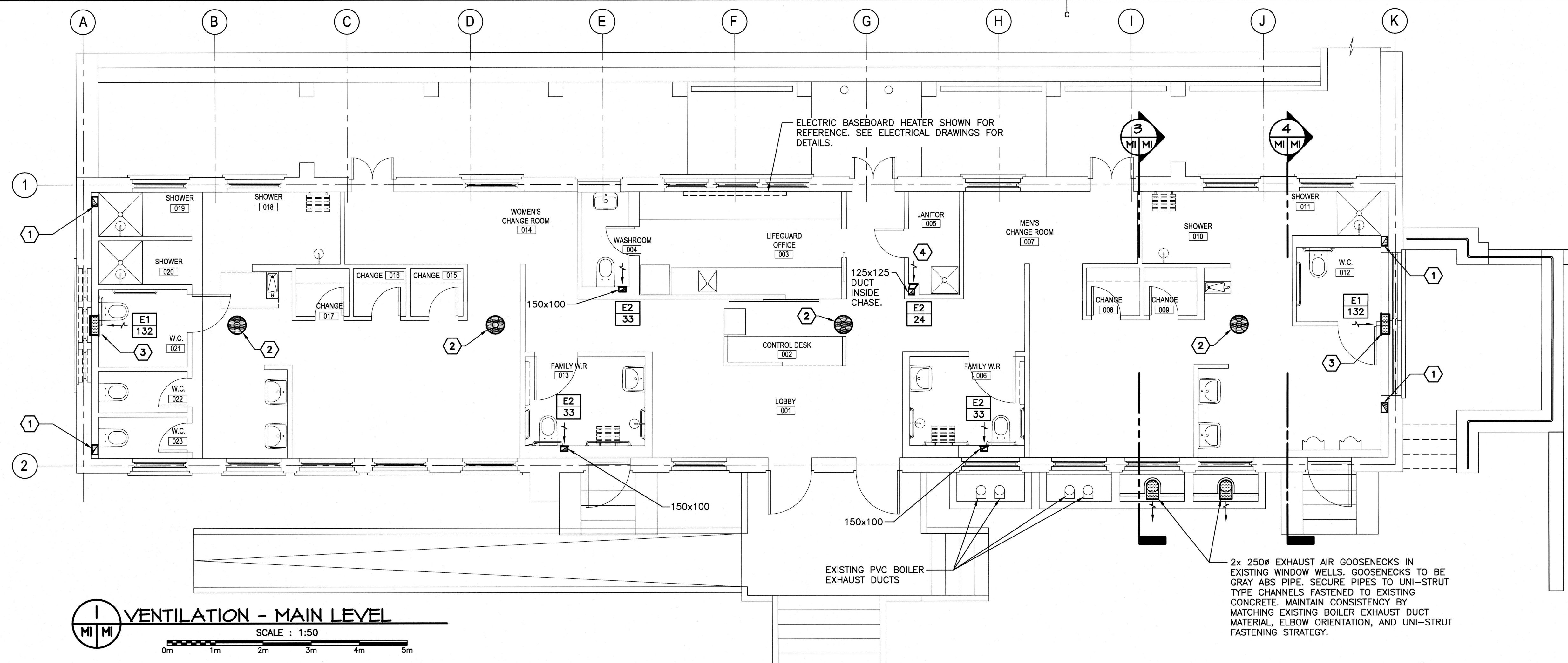
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approved

Tender Submission
PMSC Project Manager Administrateur de projet TRSCG
project number R.087633.001
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M-1

E-DRM/GDD-E: 552593



SECTION - VENTILATION

0m 1m 2m 3m 4m 5m

0 10 20mm 40 60 80 100 120 140 160 180 200mm