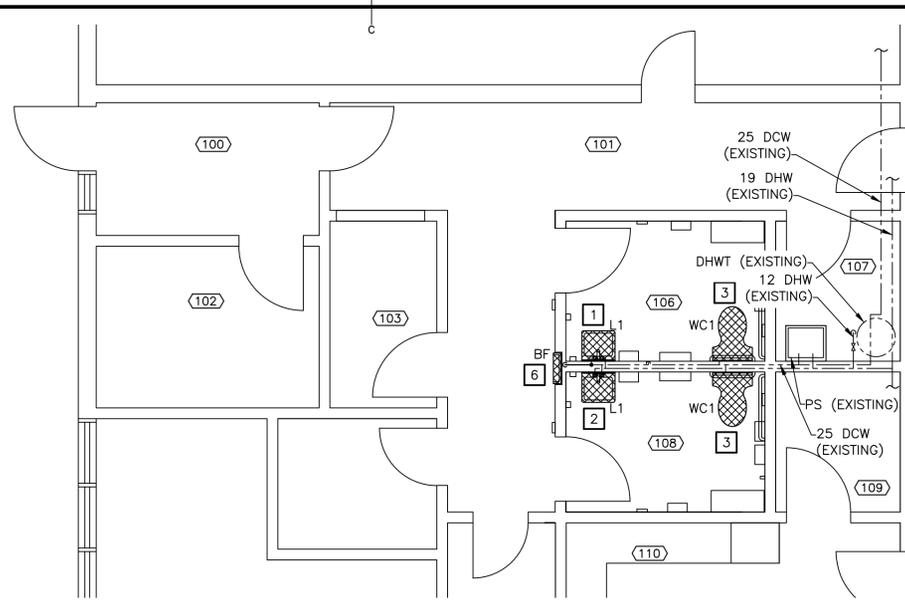


FLOOR PLAN - PLUMBING DEMOLITION

SCALE: 1:50  
0m 1m 2m 3m 4m 5m

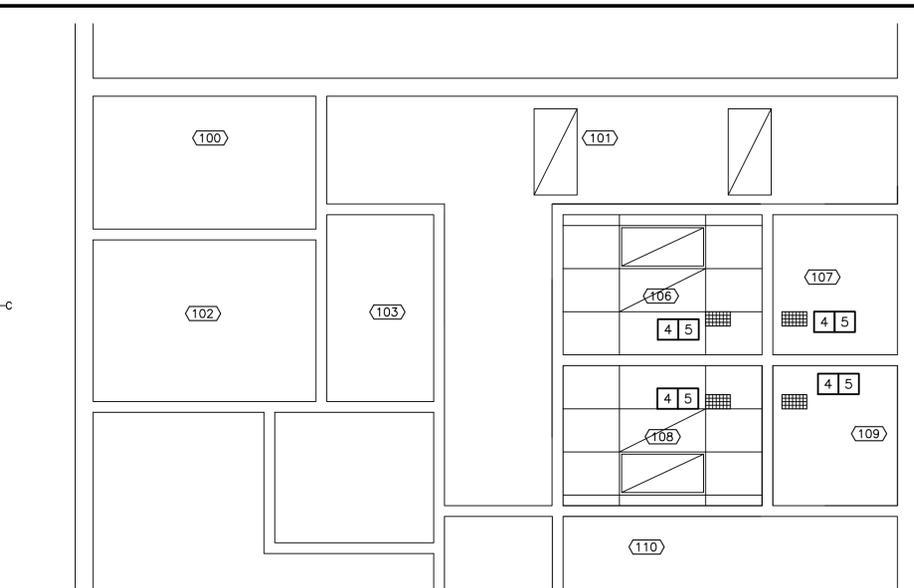


FLOOR PLAN - PLUMBING NEW

SCALE: 1:50  
0m 1m 2m 3m 4m 5m

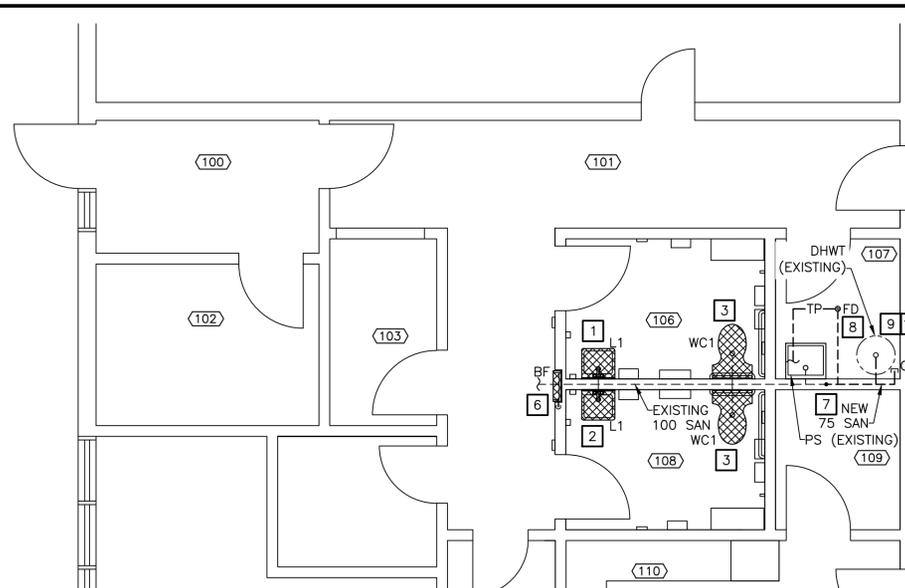
- ### DEMOLITION KEYNOTES
- REMOVE EXISTING WALL HUNG LAVATORY (L) AND CAP-OFF SERVICES AT WALL. EXISTING SERVICES TO REMAIN STUBBED AT WALL AND LEFT READY FOR FUTURE WORK.
  - REMOVE EXISTING FLOOR MOUNTED WATER CLOSET (WC) AS SHOWN AND CAP-OFF SERVICES AT WALL. DRAIN AT FLOOR TO BE TEMPORARILY SEALED. EXISTING SERVICES TO REMAIN READY FOR FUTURE WORK.
  - REMOVE EXISTING COUNTER MOUNTED LAVATORY (CL) AND CAP-OFF SERVICES WITHIN WALL. EXISTING SERVICES TO REMAIN IN WALL AND LEFT READY FOR FUTURE WORK.
  - REMOVE EXISTING WALL HUNG URINAL (U) AND CAP-OFF PIPING WITHIN WALL.
  - REMOVE EXISTING EXHAUST GRILLE INSTALLED IN T-BAR CEILING.
  - EXISTING PLASTIC SINK TO REMAIN AS IS.

- ### KEYNOTES
- INSTALL NEW WALL HUNG LAVATORY (L) COMPLETE WITH FIXTURE CARRIER. CONNECT TO EXISTING STUBBED SERVICES AT WALL. REPAIRS TO WALL BY GENERAL CONTRACTOR.
  - INSTALL NEW WALL HUNG LAVATORY (L) COMPLETE WITH FIXTURE CARRIER. EXTEND EXISTING SERVICES ABOVE CEILING DOWN WITHIN WALL TO CONNECT TO NEW LAVATORY. REPAIRS TO WALL BY GENERAL CONTRACTOR.
  - INSTALL NEW FLOOR MOUNTED WATER CLOSET (WC) AND CONNECT TO EXISTING STUBBED SERVICES AT WALL AND FLOOR COMPLETE WITH NEW WAX SEAL. REPAIRS TO FLOOR AND WALL BY GENERAL CONTRACTOR.
  - INSTALL NEW BALANCING DAMPER IN EXHAUST DUCT ABOVE T-BAR CEILING AS SHOWN ON SCHEMATIC. EXISTING EXHAUST SYSTEM TO BE RE-BALANCED EQUALLY ACROSS ALL ROOMS SERVED.
  - INSTALL NEW EXHAUST GRILLES IN T-BAR CEILING AS SHOWN.
  - INSTALL NEW DRINKING FOUNTAIN (DF) AS SHOWN. EXTEND DCW PIPING AS REQUIRED THROUGH CEILING SPACE AND DOWN THROUGH WALL AS SHOWN. SANITARY PIPING TO BE INSTALLED DOWN THROUGH WALL AND CONNECT TO SANITARY MAIN BELOW FLOOR.
  - EXTEND 100 SANITARY PIPING BELOW WALL AND INSTALL NEW CLEANOUT c/w WALL ACCESS PANEL AS SHOWN.
  - INSTALL NEW FLOOR DRAIN AS SHOWN AND CONNECT 75 SAN FLOOR DRAIN PIPING TO NEW 75 SAN PIPING BELOW WALL. CUTTING, PATCHING AND REPAIR OF FLOOR BY GENERAL CONTRACTOR.
  - EXISTING DHWT TO BE DISCONNECTED FROM EXISTING DHW AND DCW PIPING AND RELOCATED WITHIN ROOM TO FACILITATE INSTALLATION OF ROUGH-IN PIPING. UPON COMPLETION OF ROUGH-IN WORK, REINSTATE DHWT IN ORIGINAL LOCATION ON TOP OF 305x305mm OSB COVERING NEW FLOOR OPENING.
  - ROUGH-IN NEW 75 SAN PIPING TO SERVE FUTURE WATER CLOSET. 75 SAN PIPING TO BE STUBBED UP BELOW FLOOR LEVEL AND CAPPED OFF. CONNECT FLOOR DRAIN TRAP PRIMER PIPING TO PLASTIC SINK COLD WATER SERVICE. CONTRACTOR TO COVER 305x305mm OPENING WITH 12.7mm OSB. OSB TO BE SUPPORTED BY WOOD CRIBBING AROUND THE PERIMETER OF THE OPENING.



FLOOR PLAN - VENTILATION NEW

SCALE: 1:50  
0m 1m 2m 3m 4m 5m



FLOOR PLAN - SANITARY NEW

SCALE: 1:50  
0m 1m 2m 3m 4m 5m

- ### GENERAL NOTES
- CONTRACTOR SHALL REVIEW PROPOSED WASTE AND VENT PIPING ARRANGEMENT WITH LOCAL PLUMBING INSPECTOR PRIOR TO INSTALLATION.
  - FIXTURE CLEANOUTS TO BE INSTALLED AS PER PLUMBING CODE.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL TYPES OF WALLS.
  - EACH FIXTURE TO BE COMPLETE WITH INDIVIDUAL ISOLATIONS VALVES.
  - PROPOSED WASTE AND VENT PIPING SYSTEM IS PRESENTED ON THE DRAWINGS AS A GENERAL ARRANGEMENT. PLUMBING CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ADDITIONAL DRAINS, VENTS, TRAPS, CLEANOUTS, ETC. AS REQUIRED TO CONFORM WITH THE CURRENT EDITION OF THE CANADIAN PLUMBING CODE.
  - CORE DRILLING AND EXCAVATION REQUIRED SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. ALL HOLES THROUGH FLOOR SLAB TO BE SEALED WATERTIGHT WITH FIRE RATED CAULKING (BY GENERAL CONTRACTOR).
  - COORDINATE WORK WITH OWNER TO MINIMIZE DOWNTIME OF SERVICE THROUGHOUT THE BUILDING.
  - REPAIRS TO WALLS, FLOOR, CEILING, ETC. BY GENERAL CONTRACTOR.
  - READ ALL PIPE SIZES AS NOMINAL PIPE SIZE (READ 25mm AS NPS 1").
  - ALL UNDERGROUND DRAIN PIPING BELOW FLOOR SLAB TO BE MINIMUM 50 DIAMETER.

### PLUMBING FIXTURE SCHEDULE

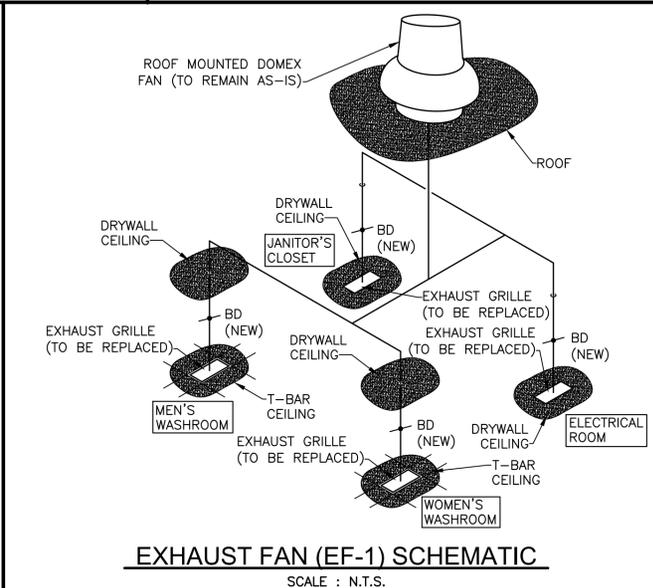
TAG	DCW	DHW	SAN
L	120	120	320
WC	120	-	750
DF	120	-	320

### EXHAUST AIR GRILLE SCHEDULE

TAG	CAPACITY	NECK	SIZE
E1	AS SHOWN	-	152 x 305

### LEGEND

WC1	WATER CLOSET	DCW	DOMESTIC COLD WATER
L1	LAVATORY	DHW	DOMESTIC HOT WATER
BF	BOTTLE FILLER	SAN	SANITARY PIPING
CL	COUNTER LAVATORY	DHWT	DOMESTIC HOT WATER TANK
U	URINAL	-----	EXISTING PIPING
PS	PLASTIC SINK	-----	NEW PIPING
FD	FLOOR DRAIN	-----	NEW PIPING (BELOW FLOOR)
CO	CLEANOUT	-----	PIPE DOWN
TP	TRAP PRIMER	BD	BALANCING DAMPER
▨	TO BE REMOVED	▨	NEW EXHAUST GRILLE
▩	NEW FIXTURE		



EXHAUST FAN (EF-1) SCHEMATIC  
SCALE: N.T.S.

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

EXP Architects Inc.  
1133 Regent Street, Suite 300  
Fredericton, NB E3B 3Z2  
CANADA  
www.exp.com



exp Project No. FRE-21015821-A0  
BUILDINGS - EARTH & ENVIRONMENT  
ENERGY - INDUSTRIAL  
INFRASTRUCTURE - SUSTAINABILITY

EXP Services Inc.  
1133 Regent Street, Suite 300  
Fredericton, NB E3B 3Z2  
CANADA  
www.exp.com



0 ISSUED FOR TENDER JAN 28 2022

revisions

project

WASHROOMS RENOVATION  
ADMIN BUILDING, MACTAQUAC  
BIODIVERSITY FACILITY  
FRENCH VILLAGE, NB  
CANADA

drawing

dessin

MECHANICAL  
FLOOR PLAN

designed SRC  
date OCT 27, 2021  
drawn SET  
date OCT 27, 2021  
approved SRC  
date OCT 27, 2021  
Tender Soumission

PWGSC Project Manager Administrateur de projets TPSGC  
project number no. du projet  
R115646.001  
drawing no. no. du dessin  
M01

E-DRM/GDD-E: 553404