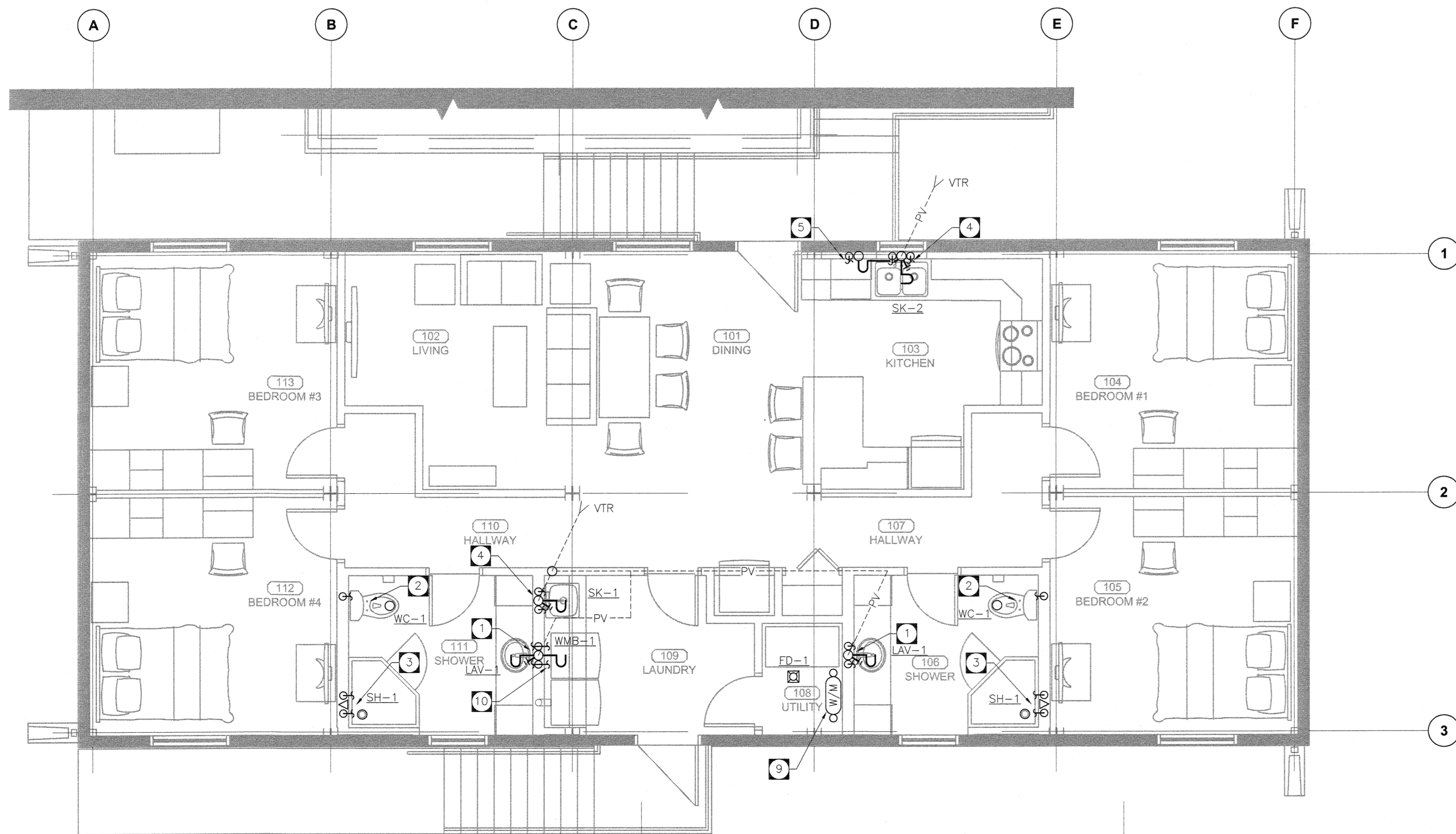


**CRAWLSPACE PLAN**  
SCALE: 1:50



**MAIN FLOOR PLAN**  
SCALE: 1:50

## GENERAL NOTES:

- MECHANICAL CONTRACTOR MUST EXAMINE THE SITE & EXISTING CONDITIONS AFFECTING THE PROJECT. EXAMINE THE COMPLETE SET OF CONTRACT DOCUMENTS TO ENSURE THAT THE WORK CAN BE CARRIED OUT WITHOUT SIGNIFICANT CHANGES TO THE INTENT OF THE DOCUMENTS. NO FUTURE ALLOWANCE WILL BE MADE FOR CHANGES UNLESS THE CONTRACT ADMINISTRATOR HAS BEEN NOTIFIED IN WRITING OF ANY DISCREPANCIES OR INTERFERENCES, PRIOR TO THE CLOSE OF TENDERS. NO ALLOWANCE WILL BE MADE FOR ITEMS THAT SHOULD HAVE BEEN NOTED DURING PRE-BID SITE INSPECTION.
- THE LOCATION ROUTING & ELEVATION OF ALL NEW AND EXISTING SERVICES & UTILITIES AS SHOWN ON THE DRAWING ARE TO BE CONSIDERED AS APPROXIMATIONS ONLY. VERIFY EXACT LOCATIONS, ROUTINGS & ELEVATIONS OF ALL SERVICES PRIOR TO COMMENCING WORK, & ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING SERVICES & UTILITIES.
- MECHANICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS, CONNECTIONS, SIZES, INVERTS, ETC. PRIOR TO BID CLOSE AND COMMENCEMENT OF WORK.
- MECHANICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL DRAWINGS, EQUIPMENT SUPPLIER SHOP DRAWINGS, ETC. FOR EXACT LOCATIONS OF ALL FIXTURES, EQUIPMENT, ETC.
- ALL PLUMBING INSTALLATIONS, ETC. SHALL BE PERFORMED IN ACCORDANCE WITH ALL CODES, REGULATIONS & AUTHORITIES HAVING JURISDICTION.
- COORDINATE PLUMBING WITH DUCT RUNS, HYDRONIC PIPING, & ALL OTHER TRADES.
- HATCHED DUCTWORK INDICATES DUCTWORK THAT IS TO BE ACOUSTICALLY LINED. ALL DUCT DIMENSIONS DENOTE INTERNAL "OPEN" AREA ON THE DUCT.
- ALL DUCTWORK PENETRATING THE EXTERIOR WALLS & ROOF SHALL BE INSULATED FOR A MINIMUM DISTANCE OF 10'-0" (3048 MM) BACK FROM THE BUILDING PENETRATION WITH 1" (50 MM) THICK KNAUF FIBERGLAS DUCT WRAP INSULATION COMPLETE WITH FOIL-SKIRM-KRAFT (FSK) COVERING.
- COORDINATE THE EXACT LOCATIONS OF EQUIPMENT, AND DUCT OPENINGS WITH THE STRUCTURAL CONSULTANT.

## DRAWING NOTES:

- 13MM DCW, DHW AND 38MM SANITARY UP FROM CRAWL SPACE TO SERVE LAVATORY. 32MM PLUMBING VENT TO RISE UP INTO CEILING SPACE. PROVIDE SHUT-OFF VALVES.
- 19MM DCW C/W SHUT-OFF VALVE AND 75MM SANITARY UP FROM CRAWL SPACE TO SERVE WATER CLOSET. 50MM PLUMBING VENT TO RISE UP INTO CEILING SPACE.
- 13MM DCW, DHW AND 50MM SANITARY UP FROM CRAWL SPACE TO SERVE SHOWER. PROVIDE SHUT-OFF VALVES.
- 13MM DCW, DHW AND 38MM SANITARY UP FROM CRAWL SPACE TO SERVE SINK. PROVIDE SHUT-OFF VALVES. 32MM PLUMBING VENT TO RISE UP INTO CEILING SPACE.
- NEW DISH WASHER. PROVIDE WITH 13MM DHW AND CONNECT SANITARY INDIRECTLY UPSTREAM OF SINK "P" TRAP.
- SUMP PUMP SP-1. PUMP DISCHARGE UP AND OUT ONTO SPLASH PAD. COORDINATE WITH ELECTRICAL. SUMP PIT BY OTHERS.
- APPROXIMATE LOCATION OF MAIN SANITARY AND WATER LINES ENTERING STRUCTURE.
- PROVIDE NEW 199,000 BTUH GAS-FIRED TANKLESS WATER HEATER. VENT TO OUTSIDE WITH 75MM CONCENTRIC TERMINAL.
- NEW WATER METER FOR ACCOMMODATION LOCATED IN UTILITY ROOM.
- 13MM DCW, DHW, 38MM STAND PIPE AND 50MM SANITARY TO SERVE WASHER/DRYER. PROVIDE-SHUT OFF VALVES.

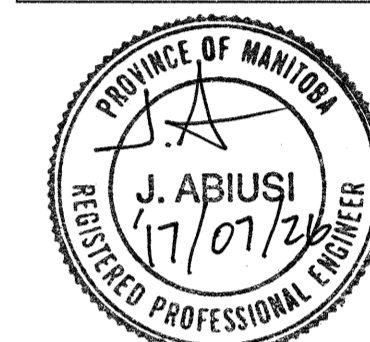


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Certificate of Authorization  
**Tower Engineering Group**  
No. 4156 Expiry: April 30, 2018



Revision	Description	Date
5		
4	RE-ISSUED FOR CONSTRUCTION	2017/07/26
3	ISSUED FOR CONSTRUCTION	2017/07/11
2	ISSUED FOR REVIEW	2017/07/07
1	ISSUED FOR REVIEW	2017/06/30
0	Design Completion	

Client: **FISHERIES AND OCEANS CANADA**

Project title: **GIMLI, MB 17 HARBOUR LANE**

**GIMLI SEARCH & RESCUE STATION**

Designed by: **JA** Conçu par  
Drawn by: **LK** Dessiné par  
Approved by: **JA** Approuvé par  
Project Manager: **JP** Administrateur de Projets

Drawing title: **MECHANICAL PLUMBING LAYOUT ACCOMMODATION**

Project no./No. du projet: **2016-39** Drawing no./No. du dessin: **M1.0** Revision no.: **0**