

1 MAIN FLOOR PLAN - DOMESTIC COLD WATER, FIRE PROTECTION AND COMPRESSED AIR PIPING  
1 : 75

**DRAWING NOTES:**

- ① EXISTING 50φmm DOMESTIC COLD WATER LINE.
- ② PROVIDE COMPRESSED AIR CONNECTION TO EXISTING 100φmm COMPRESSED AIR APPROXIMATELY AT THIS LOCATION. COORDINATE PIPING ROUTE ON SITE.
- ③ EXISTING 50φmm DOMESTIC COLD WATER LINE.
- ④ 40φmm DCW QUICK CONNECTION TO MATCH THE EXISTING FLOOR CLEANING SYSTEM, C/W SHUTOFF VALVE.
- ⑤ PROVIDE DOMESTIC COLD WATER CONNECTION FROM THE EXISTING 50φmm RISER APPROXIMATELY AT THIS LOCATION. COORDINATE PIPING ROUTE ON SITE.
- ⑥ "NATIONAL ENERGY" N716-23-24-15.5G HOSE REEL WITH 23m (75 FT) OF 10mm (3/8") I.D. HOSE, VR (STRAIGHT DOWN) HOSE ROLLER POSITION, AND ORANGE HS-35 HOSE STOP.  
- WALL MOUNT REEL AT HIGH LEVEL WITH APPROX. 4.5m (15 FT) OF HANGING HOSE.  
- PROVIDE ALL NECESSARY SUPPORT AND ACCESSORIES AS REQUIRED. PROVIDE BALL VALVE AND QUICK CONNECT FITTING. CONFIRM EXACT LOCATION, ELEVATION AND SIZE ON SITE WITH THE CITY.
- ⑦ "NATIONAL ENERGY" N716-23-24-15.5G HOSE REEL WITH 20m (65 FT) OF 13mm (1/2") I.D. HOSE, VR (STRAIGHT DOWN) HOSE ROLLER POSITION, AND ORANGE HS-35 HOSE STOP.  
- WALL MOUNT REEL AT HIGH LEVEL WITH APPROX. 4.5m (15 FT) OF HANGING HOSE.  
- PROVIDE ALL NECESSARY SUPPORT AND ACCESSORIES AS REQUIRED. PROVIDE BALL VALVE AND QUICK CONNECT FITTING. 3m A.F.F., INCLUDING 15m LINE (20mm IN DIA.).
- ⑧ EXISTING WALL HYDRANT TO BE RELOCATED. COORDINATE EXACT LOCATION ON SITE.
- ⑨ 20mm COMPRESSED AIR PIPING DROP APPROXIMATELY AT THIS LOCATION. PROVIDE ISOLATION VALVE AND 13mm QUICK CONNECTION 1.2m A.F.F.

**LEGEND:**

- ⊕— PIPE RISER DOWN
- ⊖— PIPE RISER UP
- — — DOMESTIC COLD WATER
- CA— COMPRESSED AIR LINE
- V--- VENT
- CO — CLEAN OUT
- |— WALL HYDRANT
- |—|— BALL VALVE
- |— HOSE BIBB
- AHU— EQUIPMENT TAG

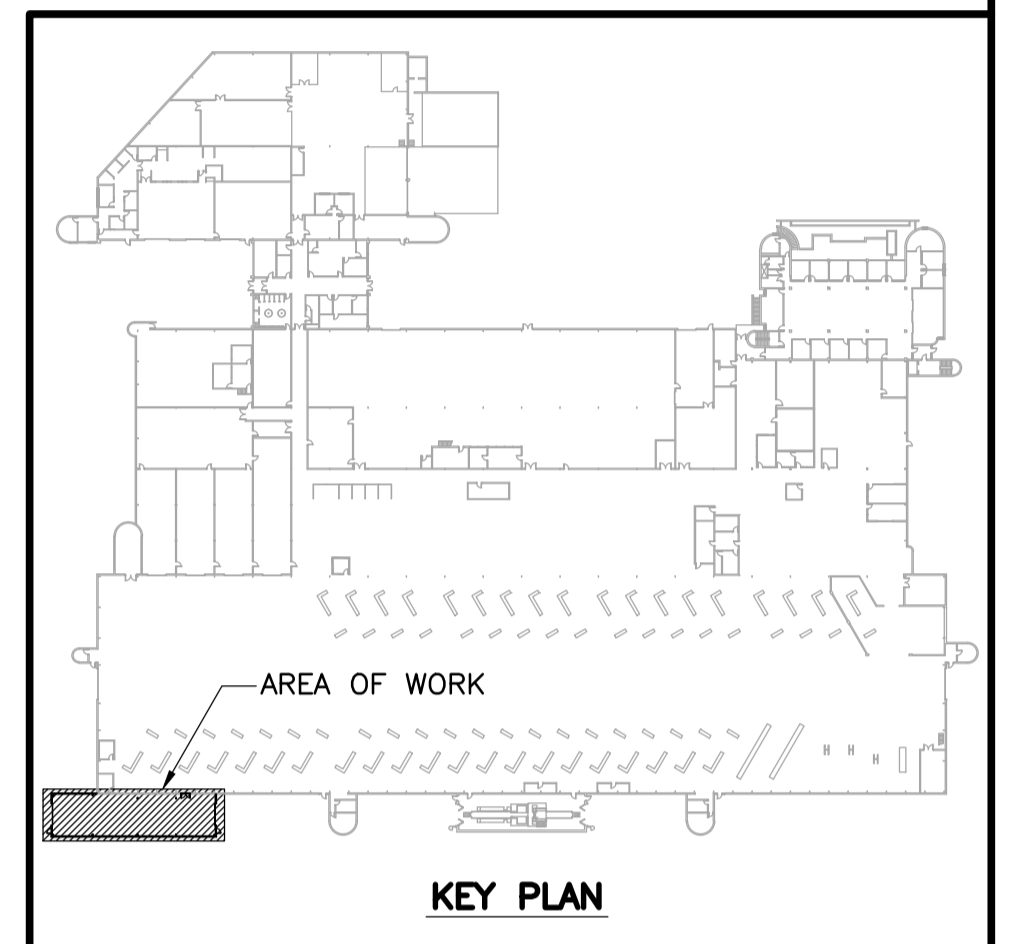
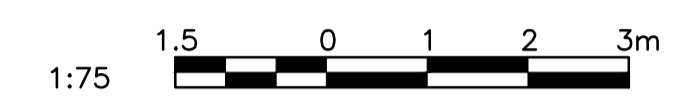
**GENERAL NOTES:**

- 1. PROVIDE A SPRINKLER SYSTEM SERVING THE NEW ADDITION AS PER NFPA-13. THE NEW SYSTEM WILL BE TIED INTO THE EXISTING SERVICE. FIRE PROTECTION FOR THIS BUILDING IS TO BE BY AN APPROVED SPRINKLER CONTRACTOR. CONFIRM FLOW REQUIREMENTS AND WATER AVAILABILITY PRIOR TO INSTALLATION OF NEW SYSTEM. PROVIDE HYDRAULIC CALCULATIONS AND SHOP DRAWINGS. HAZARDS, FLOW, AREA AND MATERIAL REQUIREMENTS TO MATCH EXISTING INSTALLATIONS.
- 2. PROVIDE FIRE EXTINGUISHERS PER NFPA-10 REQUIREMENTS.

REFERENCE DRAWINGS	
NO.	DESCRIPTION

**NOTES:**

- 1. REFER TO DWG 1329720500-DWG-S0001 FOR MAIN FLOOR STRUCTURAL DETAILS.
- 2. REFER TO DWG 1329720500-DWG-B0001 FOR MAIN FLOOR BUILDING DETAILS.



NO.	DATE	DESCRIPTION	PREPARED	REVIEW	DESIGN	AUTHORIZED
01	14.02.05	ISSUED W/ ADDENDUM No. 01	EV	JS	DLP	DLP
00	14.01.17	ISSUED FOR CONSTRUCTION	DD	JS	TS	DLP

ORIGINAL DRAWING REVISION "00" SEALED BY T. SUN 14.01.17

DESIGNED BY: TS	PREPARED BY: EV	REVIEWED BY: JS
AUTHORIZED BY: DLP	DATE: 13.11.20	SCALE: AS NOTED

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CLIENT: CITY OF WINNIPEG TRANSIT DEPARTMENT

PROJECT NAME: CITY OF WINNIPEG TRANSIT - FORT ROUGE GARAGE BUS MAINTENANCE ADDITION

DRAWING DESCRIPTION: MAIN FLOOR PLAN DOMESTIC COLD WATER AND FIRE PROTECTION COMPRESSED AIR PIPING

DRAWING NO: 1329720500-DWG-M0001	REV: 01
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