



KEY PLAN



**DO NOT SCALE DRAWINGS**

Revision/Revisión	Description/Description	Date/Date
3	ISSUED FOR CONSTRUCTION	15/11/20
2	100% CD SUBMISSION	15/10/29
1	99% CD SUBMISSION	15/09/28
0	50% CD SUBMISSION	15/08/14

Client/client  
**CANADA SCHOOL OF PUBLIC SERVICES (CSPS)**

Winnipeg  
Manitoba

Project title/Titre du projet  
**STANLEY KNOWLES BUILDING  
2ND FLOOR - 391 YORK AVENUE  
WINNIPEG, MANITOBA**

**CSPS WINNIPEG FIT-UP**

Approved by/Approuvé par  
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Client/client  
**PUBLIC WORKS AND GOVERNMENT SERVICES CANADA**

Drawing title/Titre du dessin

**FIRE PROTECTION AND PLUMBING LAYOUT**

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
<b>R.060508.003</b>	<b>M3</b> OF 5	<b>3</b>

**SPRINKLER DRAWING GENERAL NOTES:**

- SPRINKLER SYSTEM INSTALLATION SHALL STRICTLY CONFORM WITH NFPA 13 AND ALL AUTHORITIES HAVING JURISDICTION.
- ALL PIPE LOCATIONS TO BE MEASURED ON SITE BY THE FIRE PROTECTION CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
- ALL DIMENSIONS SHOWN ARE CENTER TO CENTER.
- SPRINKLER MAINS, BRANCHLINES ROUTING AND FINAL LOCATIONS AND HEIGHT OF SPRINKLER HEADS TO BE COORDINATED TO THE EXISTING LOCATIONS OF MECHANICAL EQUIPMENTS AND ROUTING OF DUCTS BY THE FIRE PROTECTION CONTRACTOR.
- WHERE CEILING HEIGHTS ARE CHANGED, RELOCATE ALL SERVICES AND EQUIPMENT TO SUIT ADJUSTED CEILING HEIGHT. REFER TO ARCHITECTURAL DRAWINGS.
- RELOCATE EXISTING SERVICES OVER POCKET FOR MOVABLE PANEL PARTITION.
- REFER TO DRAWING M-4 FOR REFRIGERANT LINE SIZING.

**DRAWING KEYNOTES:**

- PIPE 1/2" DCW TO NEW INSTANTANEOUS WATER HEATER. PROVIDE REDUCER FITTING AS REQUIRED. REFER TO SPECIFICATION FOR MORE INFORMATION OF INSTANTANEOUS WATER HEATER.
- PIPE 1 1/2" SINK DRAIN TO NEW SEWAGE PUMP. PIPE SEWAGE PUMP DISCHARGE AND VENT UP THROUGH WALL AND RUN IN CEILING SPACE. TIE-IN TO NEAREST AND SUITABLE EXISTING SANITARY DRAIN AND VENT RESPECTIVELY. REFER TO SPECIFICATION FOR MORE INFORMATION OF SEWAGE PUMP.
- NEW 2" SEWAGE PUMP DISCHARGE, 1 1/2" VENT AND 1/2" DCW TO CONNECT TO EXISTING SERVICES RESPECTIVELY IN WASHROOM.
- LOCATION OF NEW DRINKING WATER CHILLER AND WATER FILTER UNDER THE SINK C/W DRINKING GLASS FILLER COUNTER-TOP MOUNTED. PIPE 1/2" DCW TO WATER FILTER AND WATER CHILLER. PROVIDE REDUCER AS REQUIRED. PIPE 1/2" LINE TO COFFEE MAKER FROM WATER FILTER. PROVIDE REDUCER AS REQUIRED.
- CONNECT NEW 3/4" CONDENSATE DRAIN TO EXISTING APPROXIMATELY THIS LOCATION. COORDINATE NEW AND EXISTING STRUCTURES AND SERVICES TO SUIT NEW INSTALLATION. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
- CONNECT NEW 1/2" DCW C/W SHUT-OFF VALVE TO EXISTING APPROXIMATELY THIS LOCATION. COORDINATE NEW AND EXISTING SERVICES AND STRUCTURES TO SUIT NEW INSTALLATION. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
- CONNECT NEW 1" SEWAGE PUMP DISCHARGE TO EXISTING 4" SANITARY STACK APPROXIMATE THIS LOCATION. COORDINATE NEW AND EXISTING SERVICES AND STRUCTURES TO SUIT NEW INSTALLATION. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
- CONNECT NEW 1 1/2" PLUMBING VENT TO EXISTING IN CEILING SPACE APPROXIMATELY THIS LOCATION. COORDINATE NEW AND EXISTING SERVICES TO SUIT NEW INSTALLATION. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
- COORDINATE LOCATION OF ALL UNDERCOUNTER EQUIPMENT WITH MILLWORK DRAWINGS.
- PROVIDE LEAK DETECTION ALARM CONNECTED TO BMS.
- LIQUID AND GAS REFRIGERANT PIPES UP TO ROOF THROUGH MECHANICAL SHAFT. REFER TO DRAWING 1/M4. OFFSET PIPING AS REQUIRED TO AVOID EXISTING SERVICES.



**DRAWING LEGEND**

●	RECESSED PENDENT
○	UPRIGHT SPRINKLER HEAD
ER	DENOTES RELOCATED EXISTING SPRINKLER HEAD
A	DENOTES NEW ADDITION SPRINKLER HEAD
E	DENOTES EXISTING TO REMAIN SPRINKLER HEAD ADJUST FOR NEW CEILING WHERE REQUIRED
D	DENOTES EXISTING TO BE REMOVED
—	SANITARY LINE
—	DOMESTIC COLD WATER SUPPLY
—	SANITARY VENT
○	PIPE UP
○	PIPE DOWN
—RS—	REFRIGERANT GAS
—RL—	REFRIGERANT LIQUID
—CD—	CONDENSATE

**1 SPRINKLER SYSTEM AND PLUMBING LAYOUT**  
M3 1:100

