



**PLUMBING GENERAL NOTES**

- UNDER FLOOR ROUGH-IN SANITARY PIPING FOR FIXTURES BY BASE CONTRACTOR UNLESS NOTED OTHERWISE. THIS CONTRACTOR TO INSTALL FIXTURES AND MAKE FINAL CONNECTION.
- ALL DOMESTIC COLD WATER LINES TO BE INSTALLED AS HIGH AS POSSIBLE UNDERSIDE OF JOISTS.
- CONTRACTOR TO PROVIDE FINAL CONNECTION OF TRAP PRIMING TO ALL FLOOR DRAINS FROM NEAREST FUTURE DOMESTIC COLD WATER. PROVIDE AUTOMATIC TRAP PRIMER.
- TOILET FLANGES, JANITOR'S SINK DRAIN, LAUNDRY AND SINK STACKS HAVE BEEN LEFT WITH AN EXISTING 15"x16" OPEN PIT IN CONCRETE FLOOR SLAB. CONTRACTOR IS REQUIRED TO ADJUST/RELOCATE THESE DRAINS AS NEEDED TO SUIT EXACT WALL LOCATIONS. CONTRACTOR IS ALSO REQUIRED TO REIN. THE CONCRETE FLOOR AROUND THE DRAINS TO A SMOOTH LEVEL FINISH.
- ALL FLOOR DRAINS, IN-FLOOR CLEANOUTS AND HUB DRAINS ARE PROVIDED AND INSTALLED UNDER BASE BUILDING CONTRACT BY OTHERS. (TYPICAL)
- TERMINATION OF CONDENSATE DRAIN LINES FROM COOLERS & WALL-IN COOLER/FREEZER TO OVER HUB DRAIN OR TRENCH DRAIN IS BY RESTRICTION CONTRACTOR.
- WATER HEATER **WH-1**'S RELIEF VALVE TO BE DISCHARGED INTO SERV. SINK'S MOP SINK.
- WATER HEATER **WH-2**'S RELIEF VALVE TO BE DISCHARGED INTO HUB DRAIN PROVIDED AND INSTALLED UNDER BASE BUILDING CONTRACT BY OTHERS.
- PROVIDE PLUMBING VENTING AS REQUIRED.
- CONTRACTOR TO PROVIDE INDIVIDUAL PRIMERS FOR ALL ROUGHED-IN PRIMER LINES PROVIDED BY BASE BUILDING CONTRACTOR.
- PROVIDE ADEQUATE ACCESS TO ALL SHUT-OFF VALVES.
- PROVIDE ISOLATION SHUT-OFF VALVES ON ALL DOMESTIC COLD & HOT WATER CONNECTION ON ALL NEW PLUMBING FIXTURES.
- PROVIDE SYSTEM VITE DRAINAGE SYSTEM RATED FOR RETURN CEILING FLENUM.
- WHEN THE CEILING SPACE IS TO BE USED AS A RETURN AIR FLENUM, IT IS THE TENANT'S AND THE TENANT'S GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL MATERIALS IN THE RETURN AIR FLENUM IS FLENUM RATED AND MEETS OR EXCEEDS 0.8 C. FLAME AND SMOKE SPREAD/DEVELOPMENT RATINGS.

**SPRINKLER NOTES:**

- SPRINKLERS TO BE STANDARD COVERAGE SPRINKLERS. SSM CONTRACTOR TO PROVIDE AND INSTALL SPRINKLER PIPING AND PENDANT LINES TO SUIT FINISHED CEILING. REFER TO GENERAL AUTOMATIC SPRINKLER NOTES ON DRAWING M1.
- SPRINKLER SYSTEM TO BE DESIGNED AS PER THE REQUIREMENTS OF NFPA 10, 13, 14 AND AS HAZARD NOTED ON GENERAL AUTOMATIC SPRINKLER NOTES ON THIS DRAWING.
- SPRINKLER INSTALLATION TO CONFORM TO NFPA 13-2019.
- INSTALL UPRIGHT SPRINKLER HEADS MAXIMUM 12" FROM UNDERSIDE OF ROOF DECK.
- POSITION SPRINKLER INSPECTORS TEST VALVE, DRAIN, AND FIRE DEPARTMENT CONNECTION TO CONFORM WITH SSM LAYOUT.
- SPRINKLER CONTRACTOR TO PROVIDE ENGINEERED, SIGNED & SEALED SPRINKLER DRAWING TO SUIT LAYOUT AS SHOWN.
- SPRINKLER CONTRACTOR TO SUPPLY AND INSTALL NEW SPRINKLER SYSTEM TO SUIT NEW LAYOUT AS SHOWN. THIS IS TO INCLUDE ALL REQUIRED MATERIAL TO ACCOMMODATE NEW LAYOUT AS SHOWN.
- ALL FIRE EXTINGUISHERS WILL BE SUPPLIED AND INSTALLED BY THIS CONTRACTOR.
- ALLOW FOR SIGNAGE FOR ALL EXTINGUISHERS AS REQUIRED BY MUNICIPALITY OR SSM. ALLOW FOR RELOCATIONS AS DIRECTED BY SSM.
- ALL CONCEALED SPRINKLER'S CONCEALER PLATES TO BE WHITE.
- ALL PENDANT SPRINKLERS ARE TO BE WHITE, WITH WHITE ESCUTCHEON RINGS.
- ALL UPRIGHT SPRINKLERS ARE TO BE WHITE.
- ALL CONCEALED SPRINKLER HEAD TO BE INSTALLED IN ALL GYPSUM BOARD BULKHEADS.
- SPRINKLER LANDLORD TRADES MUST BE RETAINED TO COMPLETE WORK ON SITE.

**SPRINKLER TENDER NOTE:**

SPRINKLER LAYOUT PROVIDED BY INTEGRATED ENGINEERING IS FOR DESIGN AND PRICING PURPOSES ONLY. SPRINKLER SHOP DRAWINGS AND HYDRAULIC CALCULATIONS COMPLETED BY A PROFESSIONAL ENGINEER TO BE SUBMITTED FOR REVIEW & APPROVAL. DRAWINGS COMPLETED BY PROFESSIONAL ENGINEER TO VERIFY DESIGN AND TO CONFORM WITH NFPA 13 AND ALL APPLICABLE CODES. SHOWING ALL HEAD LOCATIONS FOR APPROVAL. PRIOR TO ANY WORK PROCEEDING. PROVIDE & INSTALL CONCEALED SPRINKLER HEADS TO SUIT FINISHED CEILING. REFER TO GENERAL AUTOMATIC SPRINKLER NOTES ON DRAWING M1. NO EXCEPTIONS.

DO NOT SCALE THE DRAWING  
THE CONTRACTOR IS RESPONSIBLE TO VERIFY SIZE, LOCATION AND REPORT ANY ERRORS OF OMISSIONS TO THE ENGINEER  
THE CONTENTS OF THIS DRAWING REMAINS THE COPYRIGHT PROPERTY OF INTEGRATED ENGINEERING  
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1/2" = 1'-0"  
1/2" = 10 mm

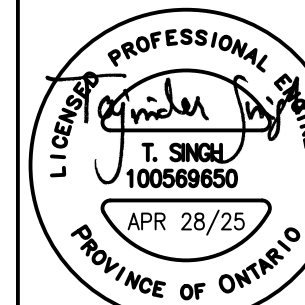
| No.       | DESCRIPTION | DATE |
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| REVISIONS |             |      |



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|---|--------------------|----------|
| 3 | CONSTRUCTION       | 25.04.28 |
| 2 | TENDER             | 25.02.27 |
| 1 | REVISION TO PERMIT | 25.02.03 |
| 0 | PERMIT             | 24.11.01 |

| No.        | DESCRIPTION | DATE |
|------------|-------------|------|
| ISSUED FOR |             |      |



PROJECT:  
**ALTERATIONS TO EXISTING  
RETAIL BUILDING  
SHOPPERS DRUG MART  
WASHVILLE HEIGHTS  
KLEINBURG, ONTARIO**

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|--------------------|-----------------|---------------------|
| DATE:<br>JUNE 2024 | DWN. BY:<br>KJM | CHD. BY:<br>GLH/PAB |
|--------------------|-----------------|---------------------|

DRAWING TITLE:  
**MECHANICAL FLOOR PLAN -  
PLUMBING & SPRINKLER**

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|--|-----------------------------------|
| SCALE:<br>3/16" = 1'-0"<br>1/8" = 10 mm<br>2024-## | DRAWING No.:<br><b>M1</b><br>OF 4 |
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