

		CD			
	GRILLE AND DIFFUSER SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER	MODEL	REMARKS	
S-1	ROUND CONE DIFFUSER	E.H. PRICE	RCD	SIZE REFER TO DRAWING, COLOUR B12	
R-1	EGG CRATE CEILING RETURN	E.H. PRICE	80	REFER TO DRAWING FOR SIZE, COLOUR B12	

PLUMBING FIXTURE CONNECTION SIZES				
TAG	SANITARY IN	DCW IN	DHW I N	TRAP IN
WC	3	0.5	•	INTERNAL
LAVATORY	1.5	0.5	0.5	1.5

PARTIAL MAIN FLOOR PLAN - MECHANICAL DEMOLITION NOTES:

- 1 EXISTING DUCTWORK TO BE DEMOLISHED
- 2 EXISTING SUPPLY/RETURN DUCTWORK TO REMAIN
- 3 EXISTING SANITARY DRAIN IN UPPER PARKADE
- 4 EXISTING SUPPLY GRILLE TO BE REMOVED
- 5 EXISTING LAVATORY TO BE REMOVED, CLEANED AND REINSTALLED IN NEW SECURITY ROOM AS PER RENOVATION PLAN. CAP OFF PLUMBING PIPING IN WALL/CEILING OR UNDERNEATH FLOOR, CONTRACTOR TO CONFIRM ON SITE
- 6 EXISTING 2" SANITARY DRAIN RISER TO BE RELOCATED TO ACCOMMODATE NEW WALL LOCATION, SEE RENOVATION PLAN
- 7 EXISTING EXHAUST DUCTWORK TO REMAIN
- 8 EXISTING PLUMBING LINES TO REMAIN
- 9 EXISTING VAV BOX TO REMAIN

MECHANICAL SYMBOLS				
	EXISTING CONSTRUCTION TO REMAIN			
	TO BE DEMOLISHED			
	NEW CONSTRUCTION			
—	NEW BALANCE DAMPER			
F	NEW FIRE DAMPER			
$\boxtimes \otimes$	EXISTING SUPPLY AIR GRILLE TO BE REMOVED			
	EXISTING RETURN AIR GRILLE TO BE REMOVED			
\boxtimes	NEW SUPPLY AIR GRILLE			
	NEW RETURN AIR GRILLE			
A "x" CFM	GRILL TYPE (SEE GRILLE SCHEDULE) SIZE CFM / R/A			
T	EXISTING THERMOSTAT TO REMAIN			
— SP —	NEW WET SPRINKLER PIPING			
™ PD	NEW PENDENT SPRINKLER HEAD			
	DOMESTIC COLD WATER PIPING			
	DOMESTIC HOT WATER PIPING			
SAN	SANITARY DRAIN PIPING ABOVE SLAB			
SAN	SANITARY DRAIN PIPING BELOW SLAB			
V	VENT PIPING			
	SHUT OFF VALVE			
→	NORMALLY CLOSED SHUT OFF VALVE			
	FLOOR DRAIN			
1	CLEANOUT			
##	PLUMBING FIXTURE DESIGNATION			

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	NORMALLY CLOSED SHUT OFF VALVE			
-0-	FLOOR DRAIN			
1	CLEANOUT			
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ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPED TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER. ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES. REW SUPPLY AIR GRILLE NEW SUPPLY AIR GRILLE NEW SUPPLY AIR GRILLE NEW SUPPLY AIR GRILLE NEW RETURN AIR GRILLE ORILL TYPE (SEE GRILLE SCHEDULE) SIZE CFM / R/A FILE CONTRACTOR IS RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE REMOVAL OF THE INSTALLATION OF SRINKLER SYSTEMS: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING RISERS, SWING JOINTS AND DEEP CUP ESCUTIVENORS AS REQUIRED. COMPLETE ALL WORK IN CONFORMANCE WITH THE REQUIREMENTS OF NEPA 13-2013 "STANDARD FOR THE INSTALLATION OF SRINKLER SYSTEMS." SANITARY DRAIN PIPING SANITARY DRAIN PIPING BELOW SLAB ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH A LICENSFORM WIT		NEW CONSTRUCTION	THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN
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DOMESTIC COLD WATER PIPING LAYOUT OF THE SPRINKLER MAINS MUST BE APPROVED BY THE CONTRACT ADMINISTRATOR. EXISTING FIRE EXTINGUSHERS TO REMAIN. GRADE ALL SPRINKLER PIPING TO ALLOW COMPLETE SYSTEM DRAINAGE. COORDINATE THE LOCATIONS OF THE SPRINKLER HEADS WITH DIFFUSER, LIGHTS AND CEILING TRACKS, REFER TO REFLECTED CEILING PLAN. COORDINATE WITH ELECTRICAL, MECHANICAL, ARCHITECTURAL TRADES, AND OWNER'S REPRESENTATIVE. THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING THAT IS REQUIRED TO RUN THE SPRINKLER PIPING. THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE STOPPING ALL SPRINKLER PIPE PENETRATIONS THROUGH FIRE SEPERATIONS. ALL AREA TO BE DESIGNED AS LIGHT HAZARD EXCEPT NOTED AS PER NFPA13 A5.2. MECHANICAL ROOM, ELECTRICAL ROOM, AND STORAGE ROOM TO BE DESIGNED AS ORDINARY HAZARD GROUP 1.	™ PD	NEW PENDENT SPRINKLER HEAD	LAYOUT AND SIZING ACCORDING TO THE CONTRACT DOCUMENTS. SUBMIT DESIGN TO THE
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SANITARY DRAIN PIPING ABOVE SLAB SANITARY DRAIN PIPING BELOW SLAB VENT PIPING SHUT OFF VALVE NORMALLY CLOSED SHUT OFF VALVE FLOOR DRAIN CLEANOUT SHUNDANG FIXTURE DESIGNATION. CLEANOUT COORDINATE THE LOCATIONS OF THE SPRINKLER PIPING TRACKS. REFER TO REFLECTED CEILING PLAN. COORDINATE WITH ELECTRICAL, MECHANICAL, ARCHITECTURAL TRADES, AND OWNER'S REPRESENTATIVE. THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING THAT IS REQUIRED TO RUN THE SPRINKLER PIPING. THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE STOPPING ALL SPRINKLER PIPE PENETRATIONS THROUGH FIRE SEPERATIONS. ALL AREA TO BE DESIGNED AS LIGHT HAZARD EXCEPT NOTED AS PER NFPA13 A5.2. MECHANICAL ROOM, ELECTRICAL ROOM, AND STORAGE ROOM TO BE DESIGNED AS ORDINARY HAZARD GROUP 1.		DOMESTIC LIGT WATER RIDING	EXISTING FIRE EXTINGUSHERS TO REMAIN.
TRACKS. REFER TO REFLECTED CEILING PLAN. COORDINATE WITH ELECTRICAL, MECHANICAL, ARCHITECTURAL TRADES, AND OWNER'S REPRESENTATIVE. THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING THAT IS REQUIRED TO RUN THE SPRINKLER PIPING. THE SPRINKLER PIPING. THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE STOPPING ALL SPRINKLER PIPE PENETRATIONS THROUGH FIRE SEPERATIONS. ALL AREA TO BE DESIGNED AS LIGHT HAZARD EXCEPT NOTED AS PER NFPA13 A5.2. MECHANICAL ROOM, ELECTRICAL ROOM, AND STORAGE ROOM TO BE DESIGNED AS ORDINARY HAZARD GROUP 1.		DOMESTIC HOT WATER PIPING	GRADE ALL SPRINKLER PIPING TO ALLOW COMPLETE SYSTEM DRAINAGE.
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VENT PIPING THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE STOPPING ALL SPRINKLER PIPE PENETRATIONS THROUGH FIRE SEPERATIONS. ALL AREA TO BE DESIGNED AS LIGHT HAZARD EXCEPT NOTED AS PER NFPA13 A5.2. MECHANICAL ROOM, ELECTRICAL ROOM, AND STORAGE ROOM TO BE DESIGNED AS ORDINARY HAZARD GROUP 1. FLOOR DRAIN CLEANOUT	SAN	SANITARY DRAIN PIPING BELOW SLAB	THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING THAT IS REQUIRED TO
SHUT OFF VALVE ALL AREA TO BE DESIGNED AS LIGHT HAZARD EXCEPT NOTED AS PER NFPA13 A5.2. MECHANICAL ROOM, ELECTRICAL ROOM, AND STORAGE ROOM TO BE DESIGNED AS ORDINARY HAZARD GROUP 1. FLOOR DRAIN CLEANOUT	V	VENT PIPING	THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE STOPPING ALL SPRINKLER
HAZARD GROUP 1. HAZARD GROUP 1.	$-\!\!\bowtie\!\!-\!$	SHUT OFF VALVE	
CLEANOUT	→	NORMALLY CLOSED SHUT OFF VALVE	
DI LIMBINO FIVILIDE DECIONATION		FLOOR DRAIN	
## PLUMBING FIXTURE DESIGNATION	1	CLEANOUT	
	##	PLUMBING FIXTURE DESIGNATION	

PARTIAL MAIN FLOOR MECHANICAL RENOVATION PLAN

PARTIAL MAIN FLOOR FIRE PROTECTION RENOVATION

MECHANICAL SPECIFICATIONS

	NEW SUPPLY AIR GRILLE	SEE STATE STATE STATE OF STATE
	NEW OOFFET AIR ORICLE	PLUMBING INSTALLATION SHALL CONFORM TO NATIONAL PLUMBING CODE OF CANADA.
3	NEW RETURN AIR GRILLE	INSULATE NEW HOT AND COLD PIPING IN THE RENOVATED AREAS AS PER SPECIFICATIONS.
	GRILL TYPE (SEE GRILLE SCHEDULE)	ELECTRICAL WIRING SHALL BE PERFORMED BY A QUALIFIED ELECTRICAL SUBTRADE.
1	SIZE CFM / R/A	THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.
l	EXISTING THERMOSTAT TO REMAIN	THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING RISERS, SWING JOINTS AND DEEP CUP ESCUTCHEONS AS REQUIRED.
	NEW WET SPRINKLER PIPING	COMPLETE ALL WORK IN CONFORMANCE WITH THE REQUIREMENTS OF NFPA 13-2013 "STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS".
(PD	NEW PENDENT SPRINKLER HEAD	SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR HYDRAULIC CALCULATION, PIPING LAYOUT AND SIZING ACCORDING TO THE CONTRACT DOCUMENTS. SUBMIT DESIGN TO THE CONTRACT ADMINISTRATOR FOR REVIEW AND COORDINATION. ANY MODIFICATION TO THE
-—	DOMESTIC COLD WATER PIPING	LAYOUT OF THE SPRINKLER MAINS MUST BE APPROVED BY THE CONTRACT ADMINISTRATOR.
	DOMESTIC HOT WATER DIDING	EXISTING FIRE EXTINGUSHERS TO REMAIN.
	DOMESTIC HOT WATER PIPING	GRADE ALL SPRINKLER PIPING TO ALLOW COMPLETE SYSTEM DRAINAGE.
	SANITARY DRAIN PIPING ABOVE SLAB	COORDINATE THE LOCATIONS OF THE SPRINKLER HEADS WITH DIFFUSER, LIGHTS AND CEILING TRACKS. REFER TO REFLECTED CEILING PLAN. COORDINATE WITH ELECTRICAL, MECHANICAL, ARCHITECTURAL TRADES, AND OWNER'S REPRESENTATIVE.
	SANITARY DRAIN PIPING BELOW SLAB	THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING THAT IS REQUIRED TO RUN THE SPRINKLER PIPING.
	VENT PIPING	THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE STOPPING ALL SPRINKLER PIPE PENETRATIONS THROUGH FIRE SEPERATIONS.
	SHUT OFF VALVE	ALL AREA TO BE DESIGNED AS LIGHT HAZARD EXCEPT NOTED AS PER NFPA13 A5.2.
	NORMALLY CLOSED SHUT OFF VALVE	MECHANICAL ROOM, ELECTRICAL ROOM, AND STORAGE ROOM TO BE DESIGNED AS ORDINARY HAZARD GROUP 1.
_	FLOOR DRAIN	
	CLEANOUT	
	PLUMBING FIXTURE DESIGNATION	
		_
	DRAWING LIST	
	SHEET TITLE	
	. MAIN FLOOR MECHANICAL DEMOLITION PLAN, G LIST, SCHEDULES AND SYMBOLS	
N DTIAL	MAIN ELOOP MEGLIANIONI, RENOVATION PLAN	

NOTES:

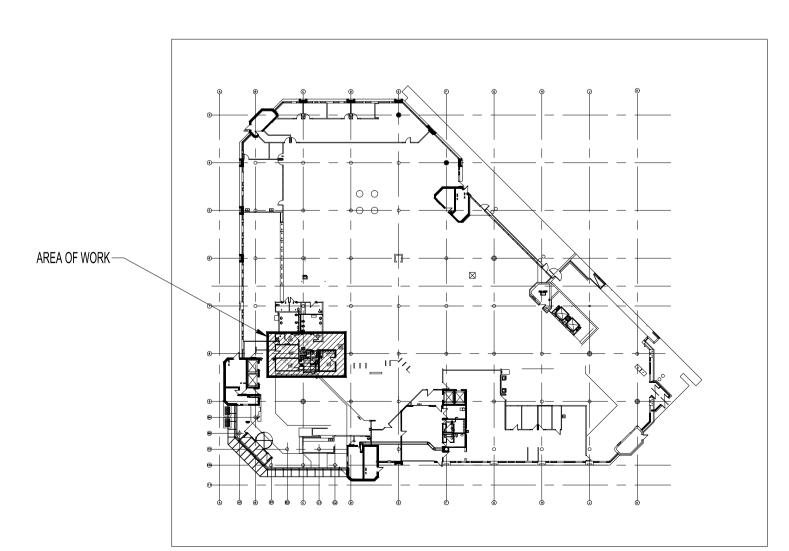
THESE DRAWINGS SHALL NOT BE SCALED.

DETAILED INFORMATION SHOWN ARE CORRECT.

AND ROUTING ON SITE WITH ALL NEW AND EXISTING SYSTEM.

THIS DRAWING IS DIAGRAMMATIC ONLY. CONTRACTOR TO COORDINATE EXACT LOCATIONS OF

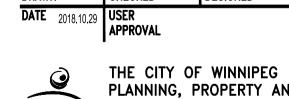
THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND

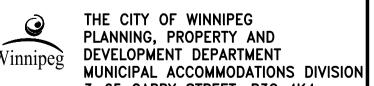




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UNIVERSAL TOILET ROOM DEVELOPMENT 251 DONALD STREET

SHEET TITLE

PARTIAL MAIN FLOOR MECHANICAL DEMOLITION PLAN DRAWING LIST, SCHEDULES AND SYMBOLS

AS SHOWN

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1