ADDRESS: 510 KING ST. | PROJECT No: 2019-078 | SHEET TITLE: PARTIAL MAIN FLOOR PLAN - HVAC DEMOLITION AND RENOVATION | DATE: 2022.12.01 | FILE NAME: 2019078MV0.dwg

HVAC DEMOLITION PLAN NOTES:

1. REMOVE EXISTING RANGE HOOD AND ASSOCIATED DUCTWORK. CAP OFF EXHAUST DUCT OPENINGS IN THE CEILING SPACE
2. REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED BRANCH DUCT AS INDICATED. TEMPORARILY CAP OFF DUCT OPENING.
3. REMOVE EXISTING SUPPLY AIR DIFFUSER, CAP OFF DUCT OPENING.
4. REMOVE EXISTING RETURN AIR GRILLE. TEMPORARILY CAP OFF DUCT OPENING.
5. REMOVE EXISTING RETURN AIR GRILLE. CAP OFF DUCT OPENING.
6. EXISTING DUCT WORK IN THE CEILING SPACE TO REMAIN.
7. EXISTING 30" X 10" TRANSFER AIR GRILLE TO REMAIN.

HVAC RENOVATION PLAN NOTES:

1. NEW RANGE HOOD (RH-1 PROVIDED BY GENERAL CONTRACTOR), PROVIDE AND INSTALL 12" X 12" EXHAUST DUCT C/W 1" INSULATION FROM THE NEW RANGE HOOD UP TO THE ROOF TOP NEW EXHAUST FAN (EF-5).
2. NEW CEILING MOUNTED SUPPLY AIR DIFFUSER, RECONNECT TO EXISTING SUPPLY AIR DUCT AS INDICATED.
3. NEW CEILING MOUNTED MAKE-UP AIR SUPPLY AIR DIFFUSER.
4. NEW RETURN AIR GRILLE, RECONNECT TO EXISTING RETURN AIR DUCT AS INDICATED.
5. NEW AIR TRANSFER GRILLE C/W FIRE DAMPER.
6. NEW 12"Ø MAKE-UP AIR DUCT DOWN FROM ROOF MOUNTED GOOSENECK MTD 36" ABOVE ROOF, C/W BIRDSCREEN AND FLASHED CURB ASSEMBLY.
7. NEW OPENING THRU ROOF, SEE FRAMING DETAILS INDICATED
8. NEW MAKE UP AIR UNIT SUSPENDED FROM STRUCTURE. INTERLOCK MAU-1 WITH NEW KITCHEN EXHAUST FAN (EF-5). SEE MECHANICAL SPECIFICATION.
9. NEW MAU INTAKE DUCT C/W 2" EXTERNAL FIBROUS GLASS DUCT WRAP INSULATION C/W FACTORY-LAMINATED VAPOR RETARDER FACING. INSULATED FROM ROOF ASSEMBLY TO MAU.
10. NEW 12"Ø MAKE-UP AIR DUCT DOWN TO MAIN FLOOR, C/W 1.0 HR FRR FIRE DAMPER ASSEMBLY AT MEZZANINE FLOOR ASSEMBLY.
11. NEW 12"Ø MAKE-UP AIR DUCT UP TO MEZZANINE. REFER TO NOTE 10.
12. NEW 12" X 12" KITCHEN EXHAUST DUCT C/W 1" EXTERNAL FIBROUS GLASS DUCT WRAP INSULATION C/W FACTORY-LAMINATED VAPOR RETARDER FACING..INSULATED TO EXHAUST FAN AT ROOF ASSEMBLY
13. NEW 12" X 12" EXHAUST DUCT (INSULATED) UP TO MEZZANINE INTO SHAFTLINER DUCT CHASE..
14. NEW OPENING THRU MEZZANINE FLOOR, INTO SHAFTLINER DUCT CHASE. SEE PARTIAL MEZZANINE FLOOR FRAMING PLAN.
15. NEW 12" X 12" EXHAUST DUCT (INSULATED) UP TO ROOF EXHAUST FAN (EF-5) IN SHAFTLINER DUCT CHASE..

1 / M3 PARTIAL MAIN FLOOR PLAN - HVAC DEMOLITION
SCALE: 3/8" = 1'-0"

2 / M3 PARTIAL MAIN FLOOR PLAN - HVAC RENOVATION
SCALE: 3/8" = 1'-0"

KEY PLAN
SCALE: NTS

3 / M3 PARTIAL ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

4 / M3 PARTIAL MEZZANINE FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

FRAMING PLAN NOTES:

1. L4 X 4 X ¼" STEEL ANGLES ALL AROUND NEW OPENING CUT THRU 2½" CONCRETE TOPPING ON 1 ½" COMPOSITE STEEL DECK. ANGLES TO BE TIGHT TO U/S OF STEEL DECK AND WELDED TO EXISTING STEEL JOISTS.
2. L4 X 4 X ¼" STEEL ANGLES ALL AROUND NEW OPENING CUT THRU 1½" GAUGE STEEL DECK. ANGLES TO BE TIGHT TO U/S OF STEEL DECK AND WELDED TO EXISTING STEEL JOISTS.
3. NEW MAKE-UP AIR UNIT SUSPENDED FROM ROOF STRUCTURE

5 / M3 PARTIAL MEZZANINE FLOOR PLAN - HVAC RENOVATION
SCALE: 1/4" = 1'-0"

NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THIS DRAWING IS DIAGRAMMATIC ONLY. CONTRACTOR TO COORDINATE EXACT LOCATIONS OF AND ROUTING ON SITE WITH ALL NEW AND EXISTING SYSTEM.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

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 ON DRAWINGS.

ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING 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.

NEW DUCT SHALL BE CONSTRUCTED AS RECOMMENDED BY SMACNA.

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.

PLUMBING INSTALLATION SHALL CONFORM TO NATIONAL PLUMBING CODE OF CANADA.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING RISERS, SWING JOINTS AND DEEP CUP ESCUTCHEONS AS REQUIRED.

ELECTRICAL WIRING SHALL BE PERFORMED BY A QUALIFIED ELECTRICAL SUBTRADE.

PROVIDE MILCOR ACCESS DOORS IN DRYWALL CEILINGS AND WALLS FOR ACCESS TO MECHANICAL EQUIPMENT. MINIMUM SIZE 24" X 18".

No.	REVISION/DESCRIPTION	BY	DATE
2	ISSUED FOR CONSTRUCTION	DRM	02.02.2024
1	ISSUED FOR CONSTRUCTION	PAS	JULY 04 2023
0	ISSUED FOR PRICING	EAG	FEB 07 2023

SEAL

PROVINCE OF MANITOBA
2024-02-02
X. WU
Member
20 [illegible]
REGISTERED PROFESSIONAL ENGINEER

DRAWN	DRM	CHECKED		DESIGNED	XYW	APPROVED	
DATE	2022.12.01	USER APPROVAL					

Winnipeg

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3–65 GARRY STREET, R3C 4K4

PROJECT
TURTLE ISLAND RECREATION CENTRE
KITCHEN RENOVATION
-
510 KING ST.

SHEET TITLE
PARTIAL MAIN FLOOR PLAN
HVAC DEMOLITION AND RENOVATION

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2019-078	M3

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