

1 KITCHEN MECHANICAL DEMO LAYOUT
M1 SCALE 1:50

2 KITCHEN NEW MECHANICAL LAYOUT
M1 SCALE 1:50

DEMOLITION KEYNOTES:

1. DISCONNECT PLUMBING (DCW, DHW, DRAIN VENT) FROM WARMING STATION AND REMOVE SERVICES DOWN TO CRAWL SPACE BELOW AND CAP.
2. DISCONNECT PLUMBING (DCW, DHW, DRAIN VENT) FROM WATER TAP AND REMOVE SERVICES DOWN TO CRAWL SPACE BELOW AND CAP.
3. DEMOLISH EXISTING SUPPLY AIR GRILLES AND DUCTWORK AS INDICATED.
4. SUPPLY DUCTWORK TO REMAIN.
5. RETURN DUCTWORK TO REMAIN.
6. EXISTING SPRINKLER HEADS TO BE REPLACED AND RELOCATED.
7. EXISTING THERMOSTAT TO BE RELOCATED.
8. EXISTING RTU ABOVE TO REMAIN.
9. EXISTING PLUMBING TO REMAIN.
10. DEMOLISH EXISTING RETURN AIR GRILLES.

NEW CONSTRUCTION KEYNOTES:

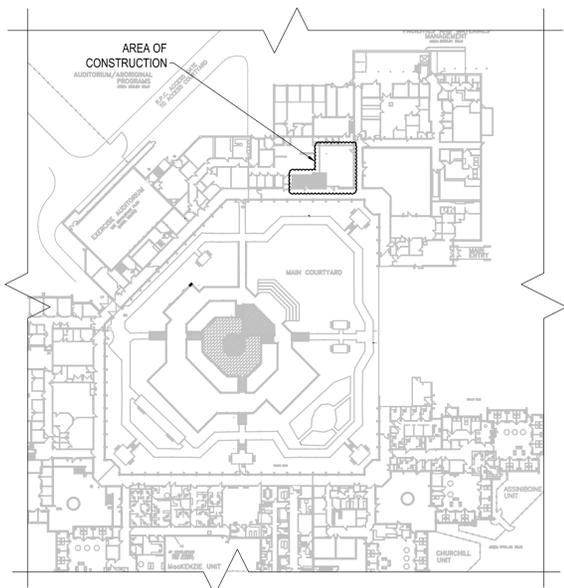
1. EXTEND EXISTING 550X250 DUCT
2. NEW LOCATION OF EXISTING THERMOSTAT.
3. NEW LOCATION OF SPRINKLER HEADS. CONTRACTOR TO COORDINATE PIPE ROUTING ON SITE.

GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
2. THE DRAWING ONLY SHOWS A GENERAL SCHEMATIC OF NEW SYSTEMS. ROUTING OF DUCTWORK AND UNITS LOCATIONS SHALL SUIT SITE CONDITIONS AND MAY HAVE TO BE CHANGED TO AVOID CONFLICTS WITH STRUCTURE, DUCTS AND PIPES. WHEN CONFLICT CANNOT BE AVOIDED, THE DUCTWORK SHALL BE MODIFIED AS REQUIRED.
3. CONTRACTOR SHALL INCLUDE FOR AND PROVIDE ALL COORDINATION BETWEEN TRADES AND CONSULTANT ON AND OFF SITE AS REQUIRED FOR INSTALLATION OF MECHANICAL AND ELECTRICAL SYSTEMS, WHERE MINOR RETROFITTING OF DUCTWORK OR SERVICES IS REQUIRED DUE TO ONSITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
4. CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
5. BALANCE SPACE TO SLIGHT POSITIVE PRESSURE TO MITIGATE FOOD ODORS.

DRAWING LEGEND

- |— BALANCING DAMPER
- SPRINKLER HEAD
- Ⓣ THERMOSTAT
- RETURN GRILLE
- ⊠ SUPPLY DIFFUSER
- DOMESTIC HOT WATER RETURN
- - - DOMESTIC HOT WATER
- - - DOMESTIC COLD WATER
- SANITARY
- ⊥ HOSE BIBB
- ⊠ FLOOR DRAIN



3 KEY PLAN
M1 SCALE 1:1000

DIFFUSER AND GRILLE SCHEDULE (Based on E. H. PRICE)

TAG	MODEL	REMARKS
S-1	SCD SQUARE CONE DIFFUSER	REFER TO DRAWING FOR FACE AND NECK SIZES
R-1	SERIES 80 RETURN GRILLE	REFER TO DRAWING FOR FACE SIZE

NOTES:
1. SELECT BORDER AND MOUNTING STYLE TO SUIT SURFACE BEING INSTALLED ON.
ACCEPTABLE MANUFACTURERS: EH PRICE, TITUS, NAILOR



Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
HDK Consulting Incorporated
Number 30340
Permission to Consult held by:
Discipline: MECHANICAL Sk. Reg. No. 30273 Signature: [Signature]

Revision	Description	Date
5		
4		
3		
2	ISSUED FOR CONSTRUCTION	2017/06/09
1	90% CONSTRUCTION DOCUMENT	2017/03/27
0	50% CONSTRUCTION DOCUMENT	2017/02/17

CORRECTIONAL SERVICES CANADA
SASKATOON, SASKATCHEWAN

Project title: **Correctional Service Canada (CSC) Regional Psychiatric Centre**

Kitchen/Dining Renovations

Designed by: RR	Conçu par: RR
Drawn by: IS	Dessiné par: IS
Approved by: DH	Approuvé par: DH
PM/SCC Project Manager: BRET WARD	Administrateur de Projets TPSGC: BRET WARD

PARTIAL KITCHEN/DINING AREA MECHANICAL LAYOUTS (DEMO & NEW), NOTES, SYMBOL LEGEND AND SCHEDULE

Project no./No. du projet: R.079453.001	Drawing no./No. du dessin: M1	Revision no.: 2
	OF 1	