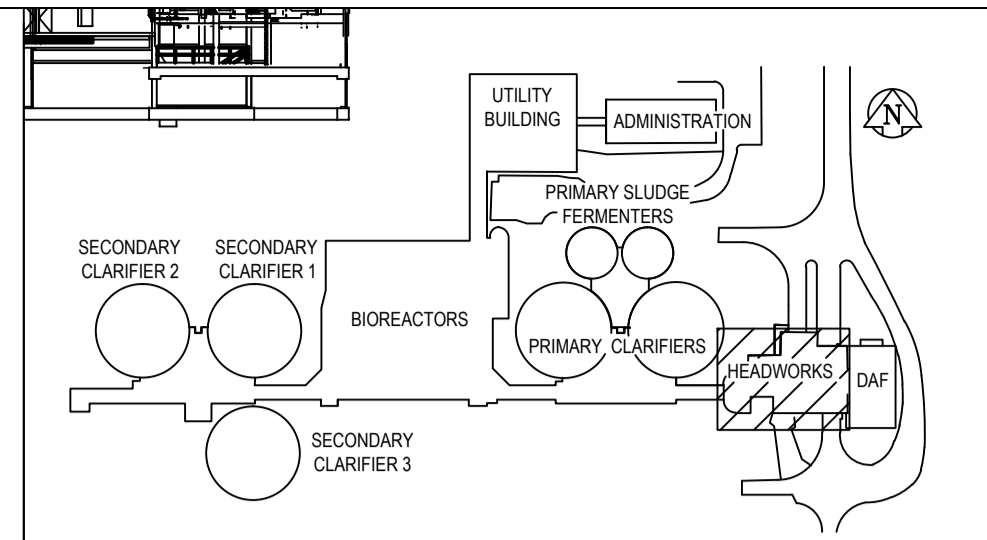


**A**  
-  
AREA H - GRIT/SCREENINGS RECEIV. MEZZNINE - EXISTING VENTILATION  
SCALE 1:50



**KEY PLAN**

- KEY NOTES**
- 1 EXISTING 1700x300 INSULATED S/A DUCT FROM H725-MUA, THRU SLUDGE TRUCK BAY CEILING, TO REMAIN IN SERVICE.
  - 2 EXISTING S/A DUCT THRU STAIRWELL S2, IN FIRE RATED ENCLOSURE, C/W FIRE DAMPERS AT WALL PENETRATIONS, TO REMAIN IN SERVICE.
  - 3 250x900 INSULATED S/A THRU FLOOR TO GRIT TRUCK BAY C/W FIRE DAMPER ; DUCT TO BE EXTENDED U/S FLOOR.
  - 4 EXISTING 900x250 E/A RISERS FROM GRIT TRUCK BAY, C/W FIRE DAMPERS, TO REMAIN IN SERVICE.
  - 5 SLUDGE TRUCK BAY EXHAUST MAIN, TO MAIN EXHAUST RISER, TO REMAIN IN SERVICE.
  - 6 EXISTING 1650x850 MAIN EXHAUST RISER TO REMAIN IN SERVICE
  - 7 EXISTING GRIT/SCREENING RECEIVING E/A GRILLES, C/W BALANCING DAMPERS.
  - 8 RELOCATE TIE IN TO NEW E/A SYSTEM DUCT, SEE DWG HM2.9.
  - 9 EXISTING 750φ GENERAL EXHAUST FROM DAF BUILDING, N.I.C.
  - 10 EXISTING 300x250 E/A FROM SCRUBBER ROOM, TO REMAIN IN SERVICE

**GENERAL NOTES**

1. PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND PROVINCIAL MECHANICAL ENGINEERING & INSPECTIONS BRANCH REQUIREMENTS.
2. COORDINATE WORKS WITH OTHER SUB-TRADES. REFER TO SPECIFIC DETAILS FOR CUTTING AND SEALING PENETRATIONS THROUGH OPENINGS & FIRE SEPARATIONS.
3. REFER TO TECHNICAL SPECIFICATIONS FOR EQUIPMENT AND MATERIAL SPECIFICATIONS AND INSTALLATION CONSTRUCTION AND PHASING REQUIREMENTS.
4. INSULATE DUCTWORK WHERE INDICATED AND SPECIFIED.
5. SUPPORT ALL DUCTWORK TO MEET CODE REQUIREMENTS & ESTABLISHED INDUSTRY TRADE PRACTICES, (SMACNA, ASHRAE).
6. INVESTIGATE SITE PRIOR TO CONSTRUCTION TO CONFIRM ALL DIMENSIONS AND INSTALLATION REQ'S.
7. PERFORM ALL CUTTING & PATCHING NECESSARY FOR ANY REQUIRED OPENINGS.
8. PROVIDE TAB TO ENSURE AIR DISTRIBUTION TO VOLUMES INDICATED.
9. NOT ALL EQUIPMENT/PIPING, ETC. IS SHOWN.

<b>APEGM</b> Certificate of Authorization Alliance Engineering Services Inc. No.2906 Date: _____		B.M. ELEV.	FIELD BOOK #:
POSTED TO LBIS			
00	ISSUED FOR TENDER	2010-12-21	AFG
NO.	REVISIONS	DATE	BY

<b>ALLIANCE</b> Engineering Services Inc.	
DESIGNED BY JC/AS	CHECKED BY AFG
DRAWN BY AS	APPROVED BY
HOR. SCALE 1:50	RELEASED FOR CONSTRUCTION
VERTICAL	DATE
2010-06-23	

ENGINEER'S SEAL

CONSULTANT DRAWING NO.  
HM1.10

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

2010 HVAC REPLACEMENT  
AND ASSOCIATED WORKS  
WEWPCC  
AREA H - HEADWORKS  
GRIT/SCREENING RECEIVING VENTILATION - EXISTING CONDITIONS

SHEET 1 OF 1  
CITY DRAWING NUMBER  
1-0103G-M0010-001