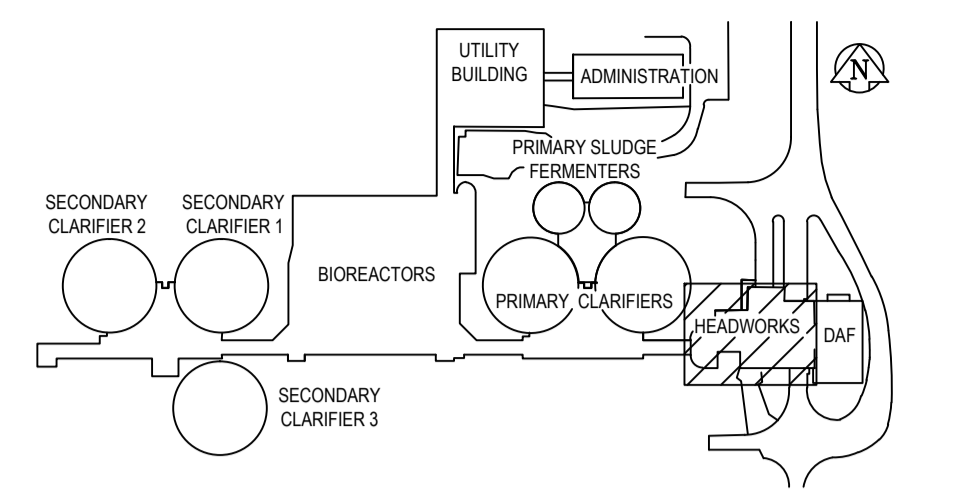


A AREA H - GRIT/SCREENINGS RECEIV. MEZZ - NEW CONDITIONS
SCALE 1:50



- KEY NOTES**
- 1 EXISTING 1700x300 S/A DUCT FROM H725, THRU SLUDGE TRUCK BAY CEILING SPACE, 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 EXISTING INSULATED 250x900 S/A THRU 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; LOWER AND RELOCATE EXHAUST GRILLES IN GRIT LOADING TRUCK BAY .
 - 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 EXTEND EXISTING BOOTS, GRILLES AND BALANCING DAMPERS AS CLOSE AS POSSIBLE TO GRIT/SCREENING RECEIVING HOPPER; BALANCE TO AIR FLOW SHOWN. EXTENSION OF BOOT TO BE FINALIZED.
 - 8 EXTEND EXISTING 500x250 EXHAUST AIR DUCT TO NEW EXHAUST DUCT RUNNING E/W.
 - 9 EXISTING 750# GENERAL EXHAUST FROM DAF BUILDING, N.I.C.
 - 10 NEW 400# S/A DUCT C/W BALANCING DAMPER AND S/A GRILLE, TO SERVICE MEZZ. FLOOR.
 - 11 NEW 500x250 S/A BOOT, C/W BALANCING DAMPER AND S/A GRILLE, TO SERVICE MEZZ. FLOOR; BALANCE TO AIRFLOW SHOWN.
 - 12 EXISTING 350x300 E/A DUCT . WITH 1 E/A GRILLE AND ONE PICK-UP POINT BELOW GRATING TO REMAIN IN SERVICE; INSTALL BALANCING DAMPER ON 150# DROP
 - 13 EXISTING PURGE MODE AIR INTAKE DUCT SLEEVE, FROM INTAKE PENTHOUSE ON PROCESS AREA ROOF; 1800x1050, TO REMAIN IN SERVICE; REPLACE EXISTING MOTORIZED DAMPER, NEW DAMPER INSULATED BLADES AND FRAME.

- 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.

APEGN
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

ALLIANCE
Engineering Services Inc.

DESIGNED BY JC/AS	CHECKED BY AFG
DRAWN BY AS	APPROVED BY
HOR. SCALE 1:50	RELEASED FOR CONSTRUCTION
VERTICAL	DATE
DATE 2010-06-23	DATE

ENGINEER'S SEAL
A.F.G. GOSSEN
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO. HM2.10

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

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

SHEET 1 OF 1
CITY DRAWING NUMBER
1-01036-M0026-001