



- KEY PLAN**
- KEY NOTES**
- 1 EXISTING 2365Lx1450Wx400H AIR HANDLING UNIT H700-AHU RELIEF AIR PENTHOUSE TO BE REMOVED. REMOVE ROOF CURB. RESTORE ROOF. SEE STR. DRAWING HS2.1 FOR DETAILS.
 - 2 EXISTING MAKE UP AIR UNIT H650-MUA CHIMNEY ROOF PENETRATION TO BE MAINTAINED. ROOF OPENING AND ROOF CURB TO BE USED FOR NEW VENTILATION AIR INTAKE.
 - 3 EXISTING MAKE UP AIR UNIT H600-MUA CHIMNEY ROOF PENETRATION TO BE MAINTAINED. ROOF OPENING AND ROOF CURB TO BE USED FOR NEW COMBUSTION AIR INTAKE FOR NAT. DRAFT FIRED APPLIANCES WITHIN MECHANICAL ROOM.
 - 4 EXISTING PRESSURE WASHER HEATER H695-PWH CHIMNEY ROOF PENETRATION AND STACK TO BE MAINTAINED.
 - 5 EXISTING GLYCOL HEATING BOILER H750-GH CHIMNEY ROOF PENETRATION AND STACK TO BE MAINTAINED.
 - 6 EXISTING GLYCOL HEATING BOILER H755-GH BREECHING ROOF PENETRATION AND STACK TO BE MAINTAINED.
 - 7 EXISTING MAKE UP AIR UNIT H725-MUA CHIMNEY; REMOVE EXISTING ROOF CURB & RESTORE ROOF; SEE STR. DRAWING HS2.1
 - 8 EXISTING AIR HANDLING UNIT H700-AHU CHIMNEY ROOF CURB TO BE REMOVED; RESTORE ROOF, SEE STR. DWG. HS2.1
 - 9 EXISTING 200# RELIEF AIR VENTILATION DUCT, ROOF OPENING AND ROOF CURB; MISC. WIRES PATHWAY; MAINTAIN OPENING.
 - 10 EXISTING 200# RELIEF AIR ROOF OPENING AND ROOF CURB BE REMOVED (LOCATION WITHIN FOOTPRINT OF NEW O/A INTAKE LOUVERED PENTHOUSE)
 - 11 EXISTING 20# N. GAS VENT TERMINATION THRU ROOF PITCH POCKET; GAS VENT TO REMAIN IN SERVICE
 - 12 EXISTING 50# N. GAS VENT TERMINATION THRU ROOF PITCH POCKET; GAS VENT TO REMAIN IN SERVICE
 - 13 100# PLUMBING VENT STACK TO REMAIN IN SERVICE.
 - 14 EXISTING RADIO ANTENNAS TO BE MAINTAINED IN SERVICE; SCOPE OF WORK TO BE CO-ORDINATED WITH WWPCC PERSONNEL; SEE ELECTRICAL DRAWINGS AND SCOPE OF WORK FOR MORE DETAILS.

- 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.

AREA H - MECHANICAL ROOM ROOF EXISTING ROOF - PLAN AT EL. 252.300

SCALE 1:50

B.M. ELEV.	FIELD BOOK #:
POSTED TO LBIS	
DESIGNED BY JC/AS	CHECKED BY AFG
DRAWN BY AS	APPROVED BY
HOR. SCALE 1:50	RELEASED FOR CONSTRUCTION
VERTICAL	DATE
00 ISSUED FOR TENDER 2010-12-21 AFG	DATE 2010-06-23
NO. REVISIONS	DATE BY

ALLIANCE
Engineering Services Inc.

ENGINEER'S SEAL
A.F.G. GOSSEN
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. HM1.3

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 HVAC REPLACEMENT AND ASSOCIATED WORKS
WEWPCC
AREA H - HEADWORKS
MECHANICAL ROOM ROOF - EXISTING CONDITIONS

SHEET 1 OF 1
CITY DRAWING NUMBER
1-01036-M0003-001

APEGM
Certificate of Authorization
Alliance Engineering Services Inc.
No.2906 Date: _____