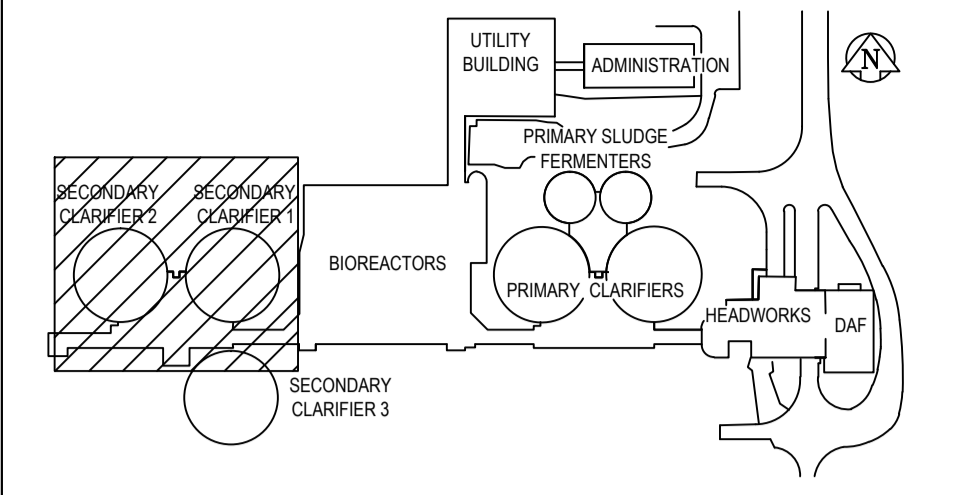


SECONDARY CLARIFIER NO. 2

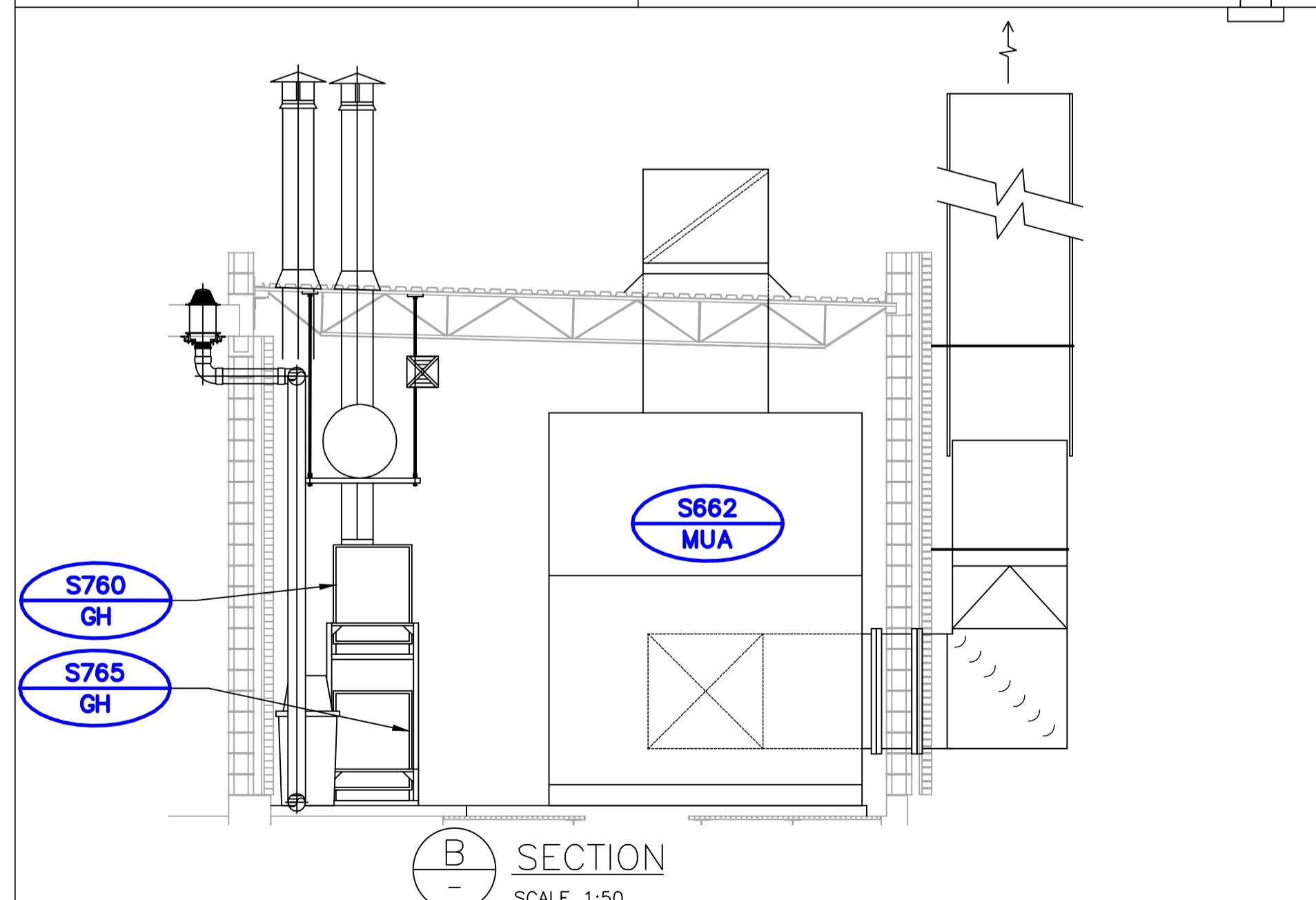
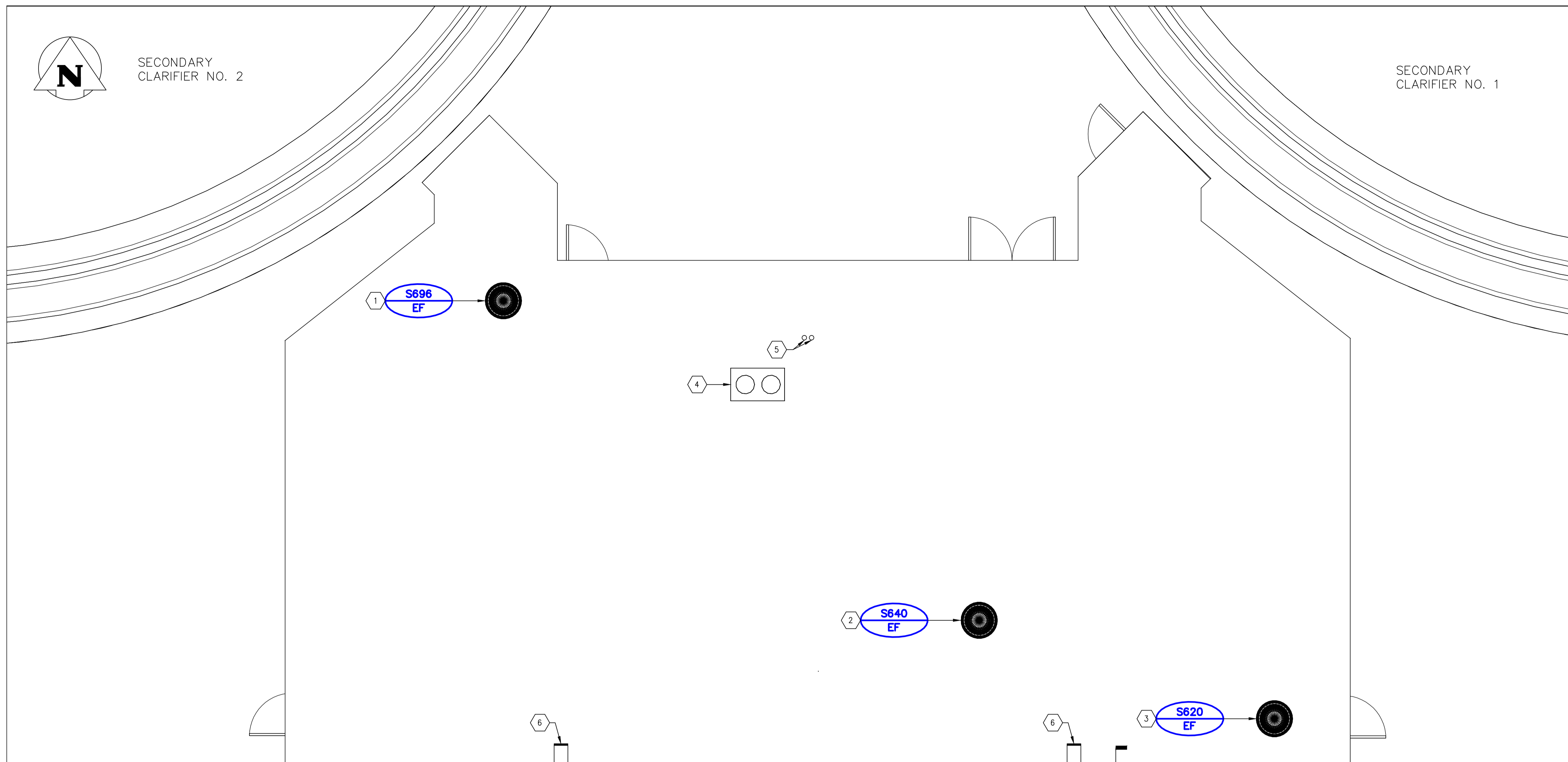
SECONDARY CLARIFIER NO. 1



KEY PLAN

KEY NOTES

- 1 REMOVE EXISTING EXHAUST FAN, S696, ALONG WITH ROOF CURB. COORDINATE ROOF PATCHING WITH STRUCTURAL ROOF MODIFICATION REQUIREMENTS.
- 2 REMOVE EXISTING EXHAUST FAN, S640, ALONG WITH ROOF CURB. COORDINATE ROOF PATCHING WITH STRUCTURAL ROOF MODIFICATION REQUIREMENTS.
- 3 REMOVE EXISTING EXHAUST FAN, S620, ALONG WITH ROOF CURB. PATCH ROOF OPENING TO MATCH EXISTING ROOF CONSTRUCTION AND SEAL WATERTIGHT; SEE DETAIL 3 STR. DWG. LS2.1.
- 4 RELOCATE EXISTING CONDENSING UNIT AND ROOF SUPPORTS, SEE DWG SM2.4 FOR REVISED LOCATION.
- 5 REMOVE & RE-ROUTE REFRIGERANT SUCTION AND LIQUID LINES TO ACCOMMODATE NEW CONDENSING UNIT LOCATION ON ROOF, SEE SM2.4 & SM2.7 FOR DETAILS.
- 6 RELOCATE EXISTING ROOF DRAINAGE SCUPPER, SEE DRAWING SM2.7 FOR PROPOSED LOCATION COORDINATE REVISED LOCATION WITH STRUCTURAL. RE-SLOPE ROOF TO DRAIN TOWARD REVISED SCUPPER LOCATION.
- 7 EXISTING CLARIFIER #3 GH S760 & S765 300Ø FLUE C/W RAIN CAP, EACH FLUE TO BE EXTENDED, SEE SM2.7 FOR DETAILS.
- 8 EXISTING 1100Ø FRP MUA S662 STACK DISCHARGE, TERMINATED 1 METER ABOVE PARAPET AND SUPPORTED FROM WALL AT 900mm SPACING.



AREA S - DISTRIBUTION BUILDING - ROOF PLAN
SCALE 1:50

SECTION B
SCALE 1:50

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

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

B.M. ELEV.	FIELD BOOK #:
POSTED TO LBIS	
DESIGNED BY IU	CHECKED BY AG
DRAWN BY IU	APPROVED BY
HOR. SCALE 1:50	RELEASED FOR CONSTRUCTION
VERTICAL 1:50	
00 ISSUED FOR TENDER 2010-12-21 AFG	
NO. REVISIONS	DATE BY DATE 2010-02-23

ALLIANCE
Engineering Services Inc.

ENGINEER'S SEAL
PROVINCE OF MANITOBA
A.F.G. GOSSEN
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. SM1.3

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 HVAC REPLACEMENT AND ASSOCIATED WORKS
WEWPCC

AREA S - SECONDARY CLARIFIERS 1 & 2
DISTRIBUTION BUILDING ROOF - DEMOLITION

SHEET 1 OF 1
CITY DRAWING NUMBER 1-0103S-M0013-001