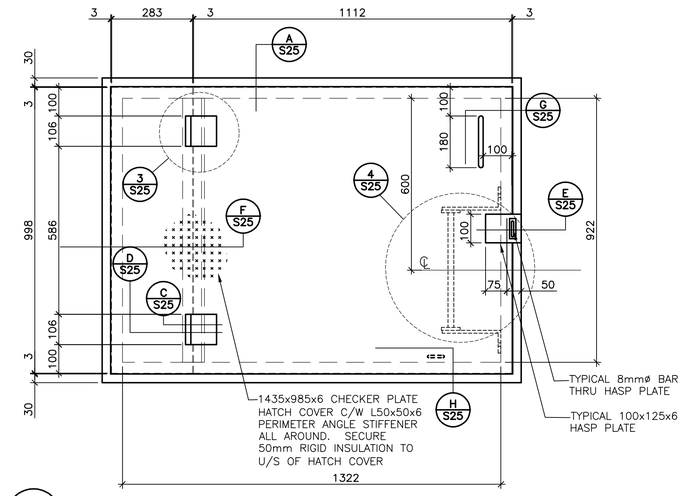
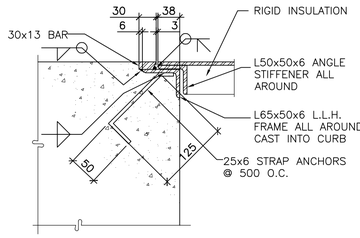
KU-31-664

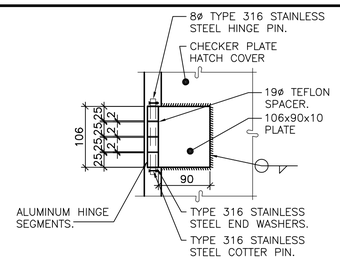


1 S20 S25 PLAN DETAIL 1:10

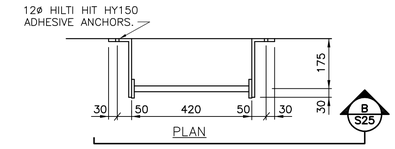
NOTE:
ALL MATERIAL NOTED HEREIN TO BE ALUMINUM UNLESS NOTED OTHERWISE



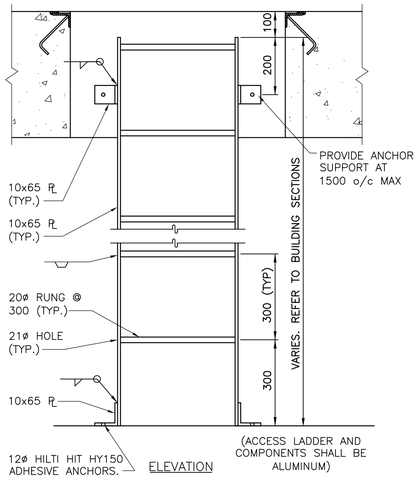
A S25 SECTION 1:5



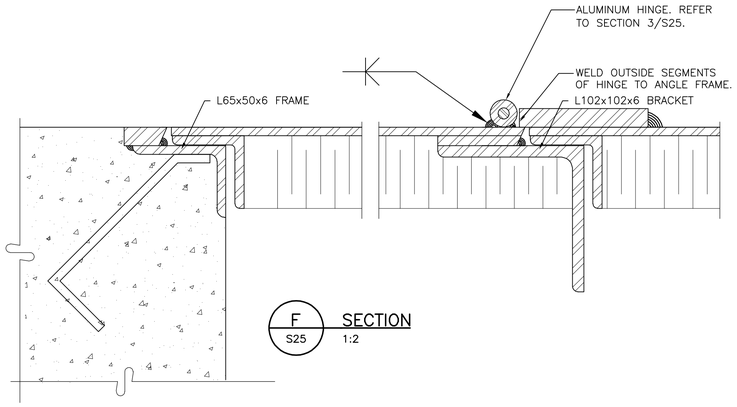
3 S25 PLAN DETAIL 1:5



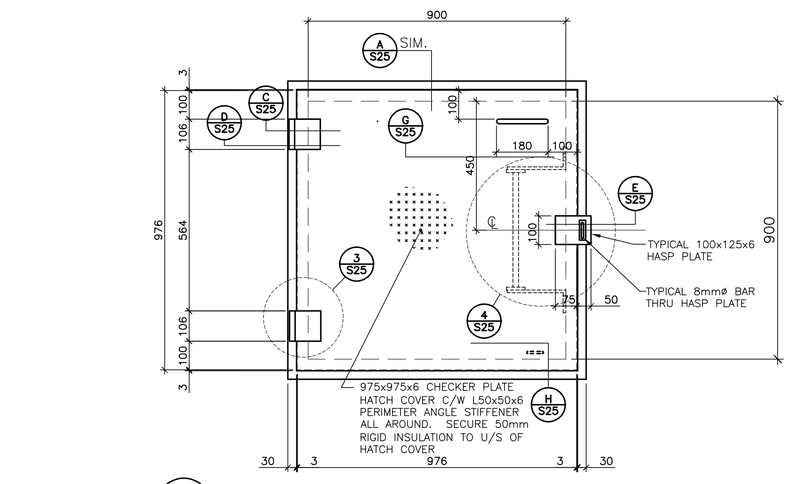
4 S25 LADDER DETAIL 1:10



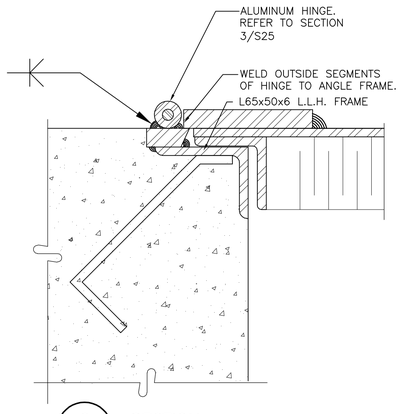
B S25 LADDER DETAIL 1:10



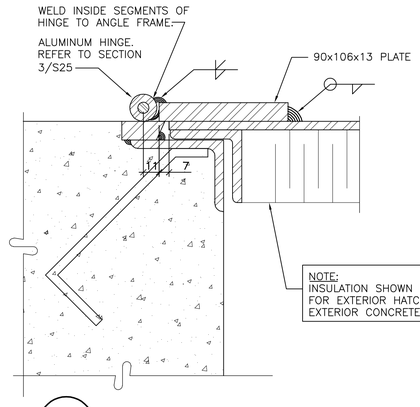
F S25 SECTION 1:2



2 S19 S25 PLAN DETAIL 1:10



C S25 SECTION 1:2



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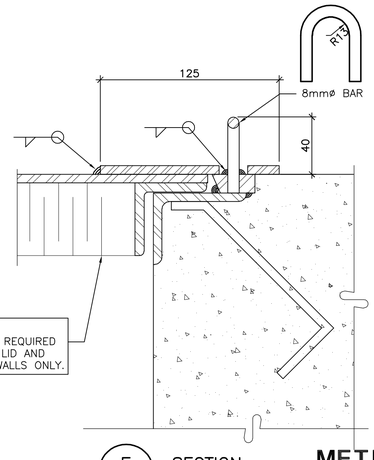
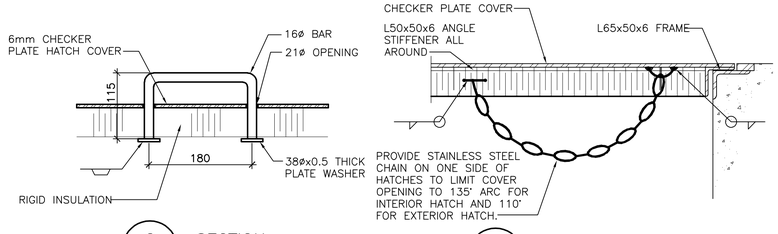


E S25 SECTION 1:2

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



G S25 SECTION 1:5

H S25 SECTION 1:5

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Expiry: April 30, 2006

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
2	ISSUED FOR TENDER	05.12.09	K.W.C.
1	ISSUED FOR CLIENT REVIEW	05.11.24	K.W.C.
0	ISSUED FOR CLIENT REVIEW	05.10.14	K.W.C.

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	P.W.	CHECKED BY	K.W.C.
DRAWN BY	V.J.F.	APPROVED BY	W.S.
HOR. SCALE: / VERTICAL:	AS SHOWN	AUTHORIZED BY: R. FINGAS, P. ENG. BRIDGE PROJECTS ENGINEER	DATE 05.12.09
DATE	05.09.13		

ENGINEER'S SEAL
ORIGINAL SEALED BY K.W. CHARLESON P. ENG. 05.12.09

CONSULTANT DRAWING NO.
113703042-S25

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

KENASTON UNDERPASS
KENASTON UNDERPASS PUMPING STATION
STRUCTURAL - DETAILS AND SECTIONS

SHEET 10 OF 25
CAD FILE DRAWING NUMBER 113703042-S19.dwg
CITY DRAWING NUMBER P-3258-154

V:\113\civil\113703042 - Kenaston UP DESIGN\AGA\CONTRACT 5 - Pumphouse\Structural\113703042-S19.dwg
2009-12-09 03:58PM By: bmcnabb