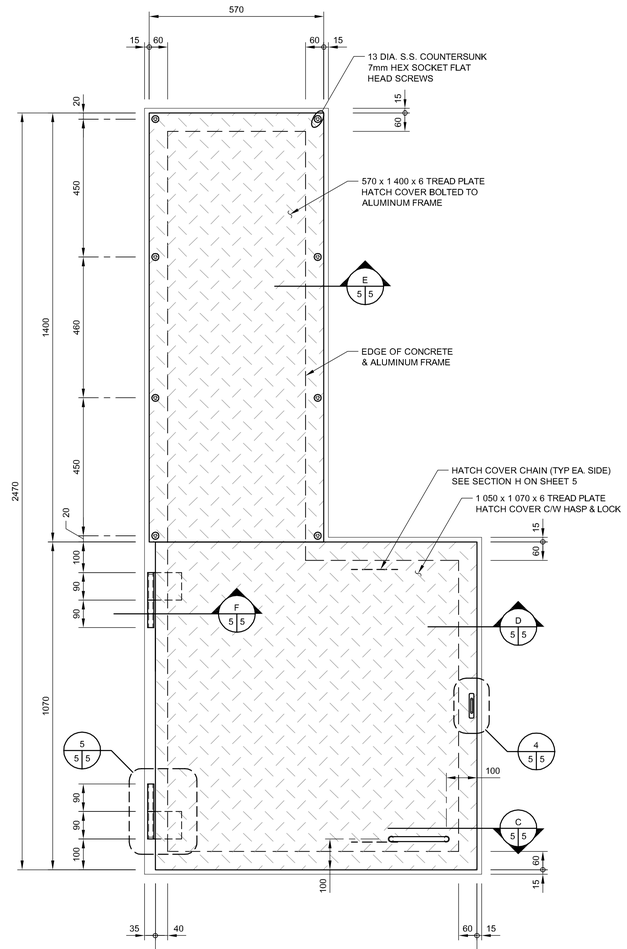
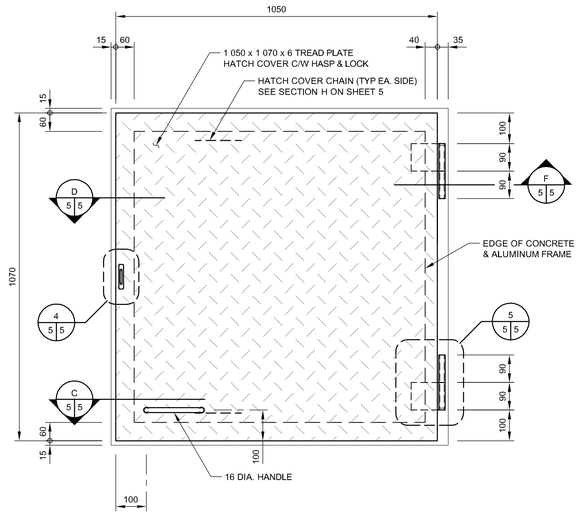
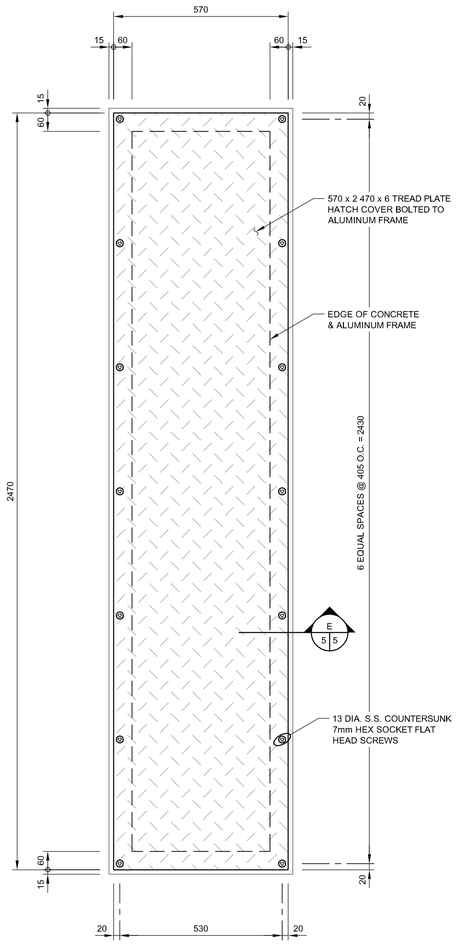


DETAIL 1
1:10

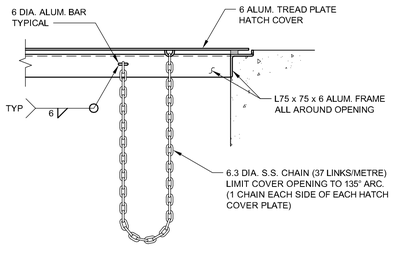
NOTE:
CONTRACTOR TO CONFIRM ALL DIMENSIONS SHOWN FOR HATCHES PRIOR TO FABRICATION.



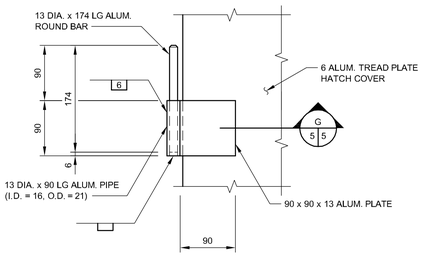
DETAIL 2
1:10



DETAIL 3
1:10

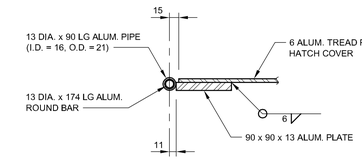


HATCH COVER
CHAIN SECTION
1:10
H
5 5

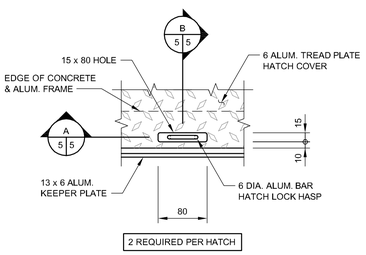


NOTE: HINGE VIEW FROM BELOW

HINGE DETAIL
1:5
5
5 5

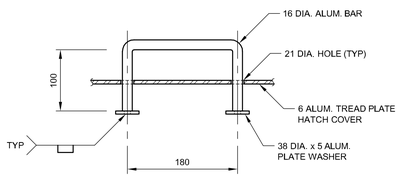


SECTION G
1:5
5 5



2 REQUIRED PER HATCH

HATCH LOCK HASP DETAIL
1:5
4
5 5



SECTION C
1:5
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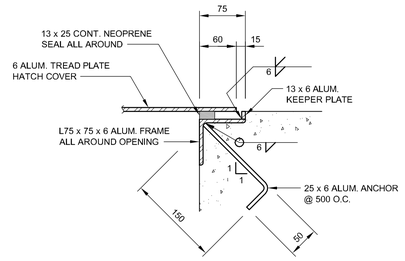
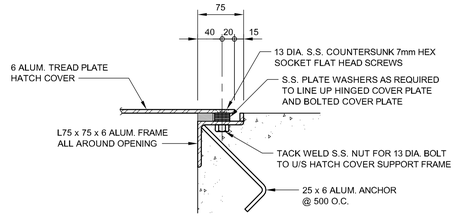
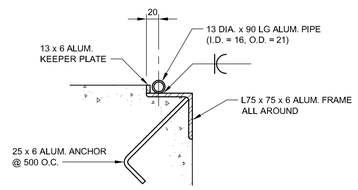


HATCH COVER
SUPPORT SECTION
1:5
D
5 5



HATCH COVER
BOLT-DOWN SECTION
1:5
E
5 5



SECTION F
1:5
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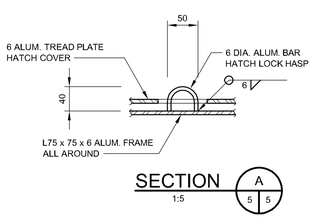

SECTION A
1:5
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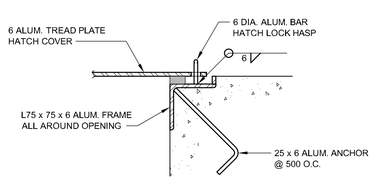

SECTION B
1:5
5 5

NOTE:
These design documents are prepared solely for the use by the party with whom the design professional has entered into a contract and there are no representations of any kind made by the design professional to any party with whom the design professional has not entered into a contract.

A = DETAIL/SECTION No.
B = DRAWING WHERE SHOWN
C = DRAWING WHERE TAKEN

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

SCALE LEGEND:
1:10
0 200 400 600 800

No.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	09.09.18	GK

MMM GROUP
MMM Group Limited
Suite 111 - 93 Lombard Ave.
Winnipeg, MB R3B 3B1
t. 204.943.3178 | f. 204.943.4948
www.mmm.ca

DESIGNED BY	GK	CHECKED BY	GK
DRAWN BY	CDP	APPROVED BY	JPL
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	ORIGINAL SIGNED BY K. ZUREK, P. ENG.
VERT. SCALE	AS NOTED		
DATE	09.09.18	DATE	09.09.18

ENGINEER'S SEAL
PROVINCE OF MANITOBA
G. M. KING
Member
24806
REGISTERED PROFESSIONAL ENGINEER

BID OPPORTUNITY: 632-2009
PLOT DATE: 09.03.18

APEGM
Certificate of Authorization
MMM Group Limited
No. 4531 Date: 09.09.18

Winnipeg
THE CITY OF WINNIPEG
WASTE AND WATER DEPARTMENT

OUTFALL GATE CHAMBER CONSTRUCTION
LOMBARD AVE. & WATERFRONT DR.
LDS OUTFALL GATE CHAMBER
ACCESS HATCH DETAILS

CONSULTANT DRAWING No.: 5509090-S5
SHEET 5 OF 6
CITY DRAWING No.: LD-5442

Last saved September 18, 2009 - 3:59 PM by PATERSONC
P:\5509090\1-5509090\5509090-000 Lombard Avenue & Waterfront Drive Outfall Gate Chamber Construction & Upgrade\MMM Drawings\5509090 lombard gate chamber S2 to S5 chamber details 090918.dwg