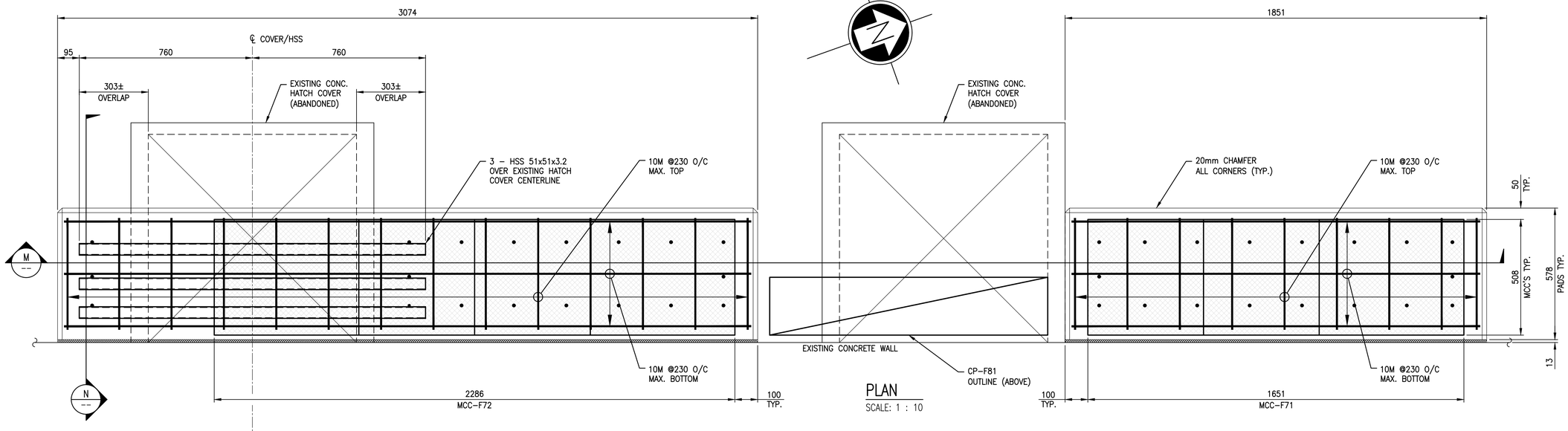
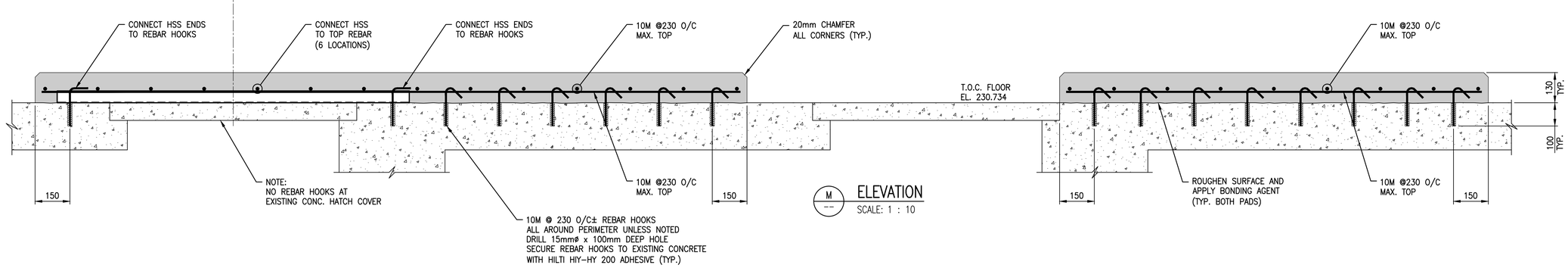
A1 SIZE – 594mm x 841mm



PLAN
SCALE: 1 : 10



M ELEVATION
SCALE: 1 : 10

NOTES:

1. SEE DRAWING 1–0118F–S0002 FOR GENERAL AND STRUCTURAL NOTES.

DESIGN LOAD:

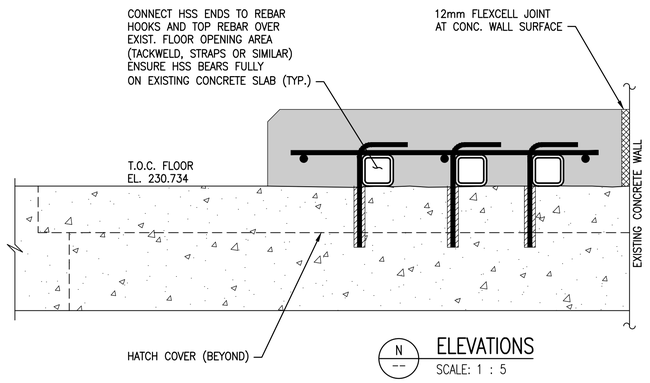
1. THE HOUSEKEEPING PAD SHOWN IS NOT STRUCTURAL. THE SUPPORTING STRUCTURE UPON WHICH THE HOUSEKEEPING PAD IS INSTALLED SHALL BE CAPABLE OF SUPPORTING ALL LOADS AND DYNAMIC EFFECTS.
2. THE HOUSEKEEPING PAD HAS NOT BEEN DESIGNED FOR CORROSIVE ENVIRONMENTS.

CONCRETE:

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFIRM TO CSA STANDARD CSA A23.1 AND CSA A23.2 INCLUDING HEATING/HOARDING AND REQUIREMENTS FOR COLD WEATHER CONCRETING.
2. CONCRETE SHALL BE READY MIXED, CONFORMING TO CSA A23.1 (ALTERNATIVE 1), AND AS NOTED HEREIN:
   CEMENT TYPE: GU
   CONCRETE COMPRESSIVE STRENGTH @ 28 DAYS: 30 MPa
   MAXIMUM AGGREGATE SIZE: 20 MM
   MAXIMUM SLUMP: 100 MM
   AIR CONTENT: 0% TO 3%
   W/C RATIO: 0.45 MAXIMUM
   CLASS OF SULPHATE AND CHLORIDE EXPOSURE: S–3 AND C–3
3. REINFORCING STEEL SHALL BE NEW BILLET GRADE STEEL MEETING THE REQUIREMENT OF CSA G30.18, GRADE 400.
4. SUPPORT REINFORCING STEEL ON SUFFICIENT SUPPORT CHAIRS TO MAINTAIN CONCRETE COVER OF 50mm.
5. REMOVE ALL LOOSE AND DELETERIOUS MATERIAL FROM REINFORCING STEEL.
6. TOLERANCES SHALL BE AS STIPULATED IN ACI 315.
7. SATURATE THE CONCRETE SURFACE FOR ONE HOUR PRIOR TO APPLYING THE BONDED CONCRETE TOPPING. PROVIDE A SATURATED SURFACE DRY CONDITION.
8. APPLY LATEX BONDING AGENT IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS. BONDING AGENT TO BE DARAWELD 'C'.
9. PROVIDE A WET 'BURLAP' CURE FOR 7 DAYS MIN.
10. EXPOSED CONCRETE SHALL BE SEALED WITH MEADOWS SEALTIGHT CS–309.
11. ALL WORK TO BE EXECUTED IN A NEAT WORKMANLIKE MANNER.

REFERENCE:

1. REFER TO ELECTRICAL DRAWINGS FOR LOCATION AND DIMENSIONS OF HOUSEKEEPING PAD(S).



N ELEVATIONS
SCALE: 1 : 5

6 S0002 DETAIL – MCC–F71 & MCC–F72 HOUSEKEEPING PADS
SCALE: 1 : 10

PROVIDE 100mm MIN. EDGE DISTANCE TO EQUIPMENT ANCHORS, WHICH TO BE INSTALLED IN ACCORDANCE WITH THE EQUIPMENT SUPPLIER'S RECOMMENDATIONS.

DRAWING NUMBER	REFERENCE DRAWINGS
LD–5050	BANNATYNE PUMPING STATION – ARCHITECTURAL BUILDING SECTION
LD–5049	BANNATYNE PUMPING STATION – ARCHITECTURAL ELEVATIONS
LD–5048	BANNATYNE PUMPING STATION – ARCHITECTURAL PLANS, PLAN DETAILS & SCHEDULES
5–SD–10–1	BANNATYNE AVE. PUMPING STATION
5–SD–10	BANNATYNE AVE. PUMPING STATION

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

125 0 125 250mm
1 : 5

0.25 0 0.25 0.5m
1 : 10

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION, TENDER 167–2023	2023/02/23	K.K.	D.S.

SNC·LAVALIN
SNC–LAVALIN INC.
148 Nature Park Way
Winnipeg, MB, Canada R3P 0X7
204–786–8080

DESIGNED BY: K. KOTYK	CHECKED BY: D. SIDHU
DRAWN BY: B. DICKSON	APPROVED BY: B. CLEVEN
SCALE: AS SHOWN	ISSUED FOR CONSTRUCTION BY: K. ZUREK
DATE: 2022/09/26	DATE: 2023/02/23
CONSULTANT NO.:	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
K.K. KOTYK
Member
21950
REGISTERED PROFESSIONAL ENGINEER
2023-02-24 REV. 00

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

BANNATYNE FLOOD PUMPING STATION
2023 UPGRADES
MAIN FLOOR
MCC HOUSEKEEPING PADS
PLAN, ELEVATIONS, DETAIL AND NOTES

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0118F–S0006	001	00	A1

1–0118F–S0006–001–00.dwg

LAST SAVE: 2023/02/24 – 1:17pm
PATH: M:\691232\4ENG\42STR\DD – General DWG\1–0118F–S0006–001–00.dwg