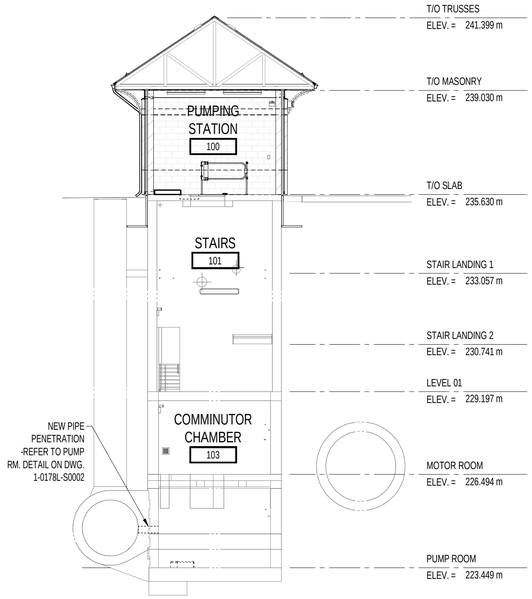
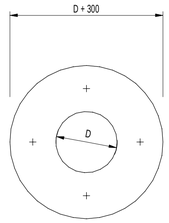
A1 SIZE - 594mm x 847mm

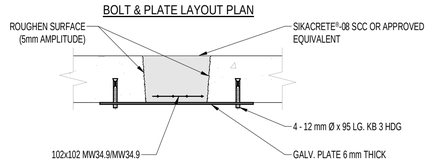


CROSS - SECTION

SCALE: 1 : 100

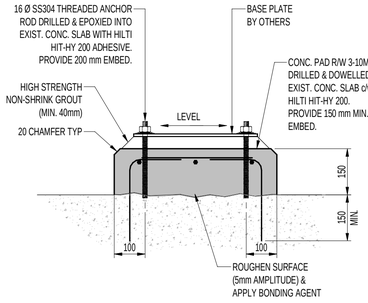


BOLT & PLATE LAYOUT PLAN



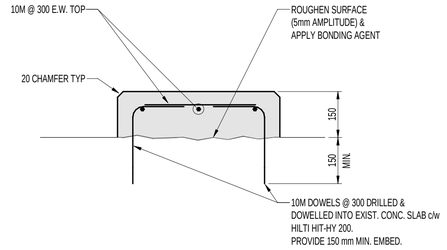
INFILL HOLES IN FLOOR (100mm < D < 400mm)

SCALE: 1 : 10



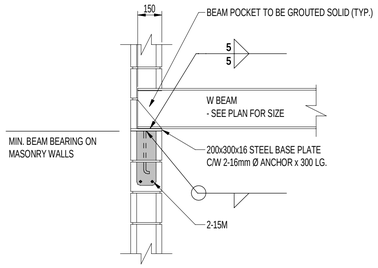
CONCRETE PADS AT PUMPS

SCALE: 1 : 10



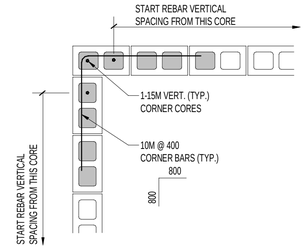
CONCRETE EQUIPMENT PAD

SCALE: 1 : 10



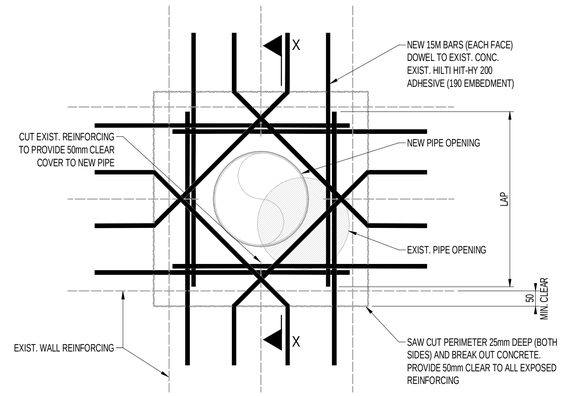
TYPICAL BEAM BEARING ON MASONRY WALL

SCALE: 1 : 20

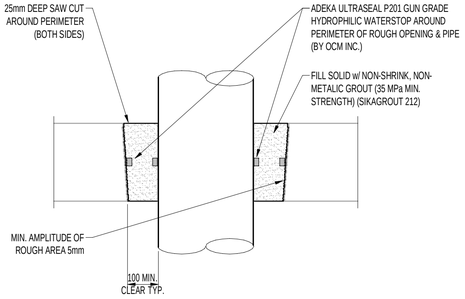


TYPICAL MASONRY CORNER REINFORCING

SCALE: 1 : 20



ELEVATION



SECTION X-X

PROCEDURE FOR DRILLING INTO EXISTING CONCRETE:

1. USE BAR LOCATER TO MITIGATE REINFORCEMENT BARS CUT BY NEW OPENINGS.
2. COORDINATE WITH MECHANICAL/PROCESSING BEFORE CUTTING ANY OPENINGS.
3. CORE ROUGH OPENING, THEN GRIND EDGES SMOOTH TO PROVIDE NEAT OPENING.
4. DO NOT ALLOW DEBRIS TO FREE-FALL.
5. COAT ANY EXPOSED REINFORCEMENT BARS WITH 2 COATS OF EPOXY PAINT OR ZINC RICH PRIME.

PUMP ROOM PENETRATION DETAIL

SCALE: 1 : 10

PLOT DATE: 2023-07-20 4:32:06 PM
FILE NAME: 223229-01-ARCH-CON_detached.rvt

DRAWING NUMBER	REFERENCE DRAWINGS
1-0178L-S0001	STRUCTURAL – GENERAL NOTES
1-0178L-S0003	STRUCTURAL – PLANS AND SECTIONS
1-0178L-S0004	STRUCTURAL – PLAN, SECTIONS AND DETAILS

NOT FOR CONSTRUCTION

ISSUED FOR TENDER

200 100 0 250 500
SCALE: 1:10
400 200 0 500 1.0m
SCALE: 1:20
2.0m 1.0m 0 2.5m 5.0m
SCALE: 1:100

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: _____

NO.	REVISIONS	DATE	DESIGN	CHECK
0	ISSUED FOR TENDER	2023/07/20	BLM	BLM

DILLON CONSULTING

DESIGNED BY: LTA	CHECKED BY: XXX
DRAWN BY: MGS	APPROVED BY: BLM
SCALE: As indicated	RELEASED FOR CONSTRUCTION BY:
DATE: NOV. 2022	DATE:
CONSULTANT NO: 223229	

ENGINEER'S SEAL

PROVINCE OF MANITOBA
L.T. ANTLE
Member
47773
REGISTERED PROFESSIONAL ENGINEER

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

RIVERBEND LIFT PUMPING STATION
2022 UPGRADES

STRUCTURAL
STANDARD DETAILS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0178L-S0002	001	0	A1