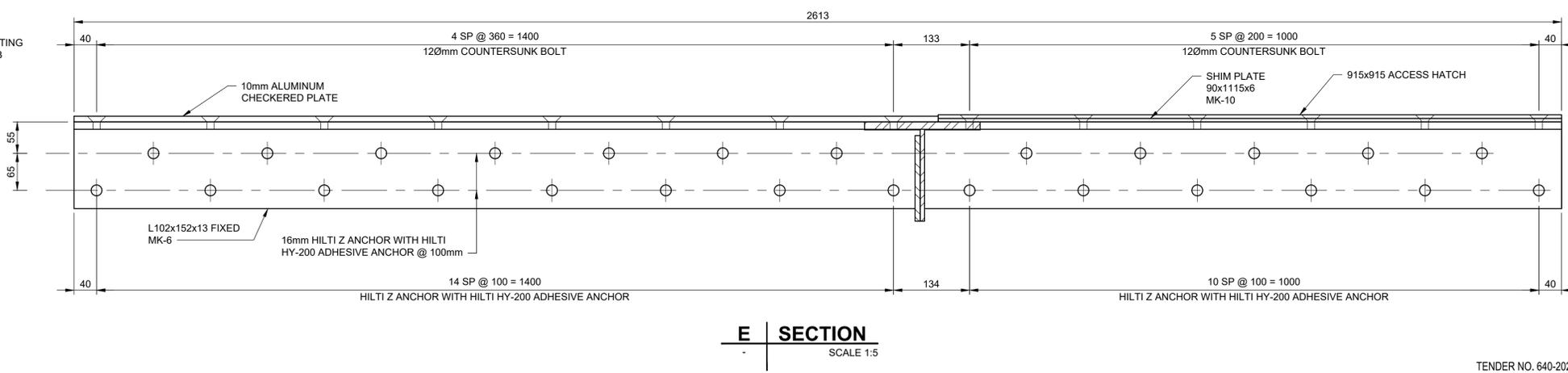
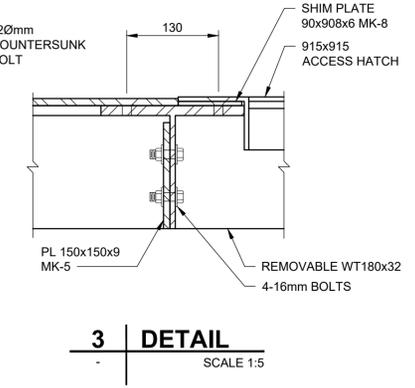
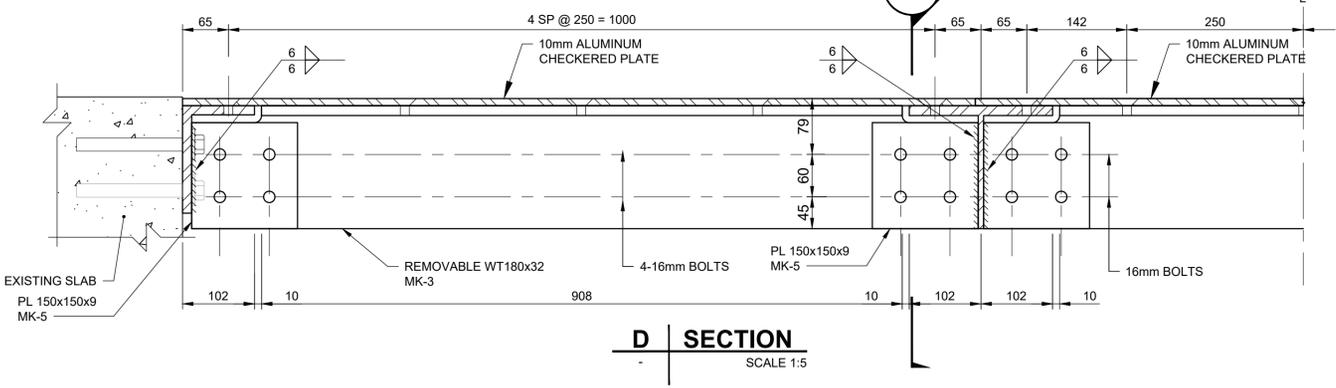
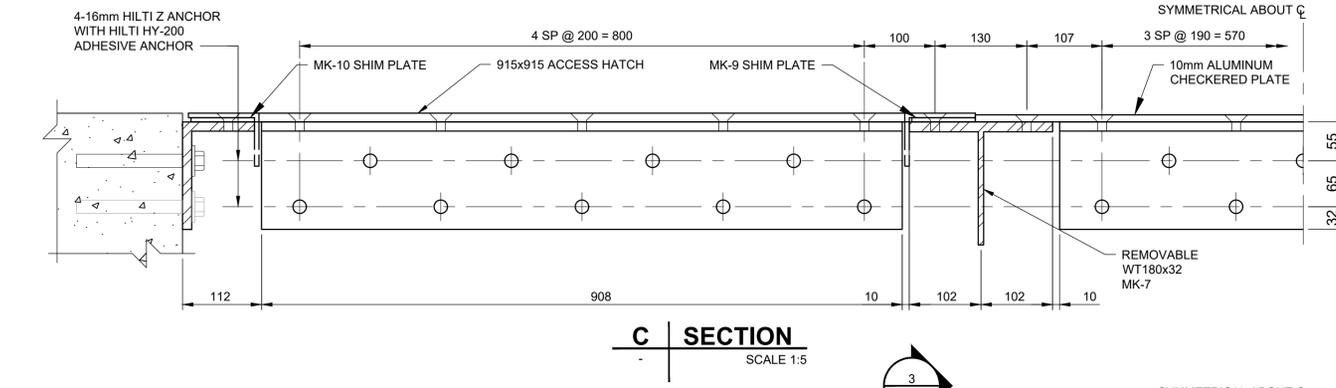
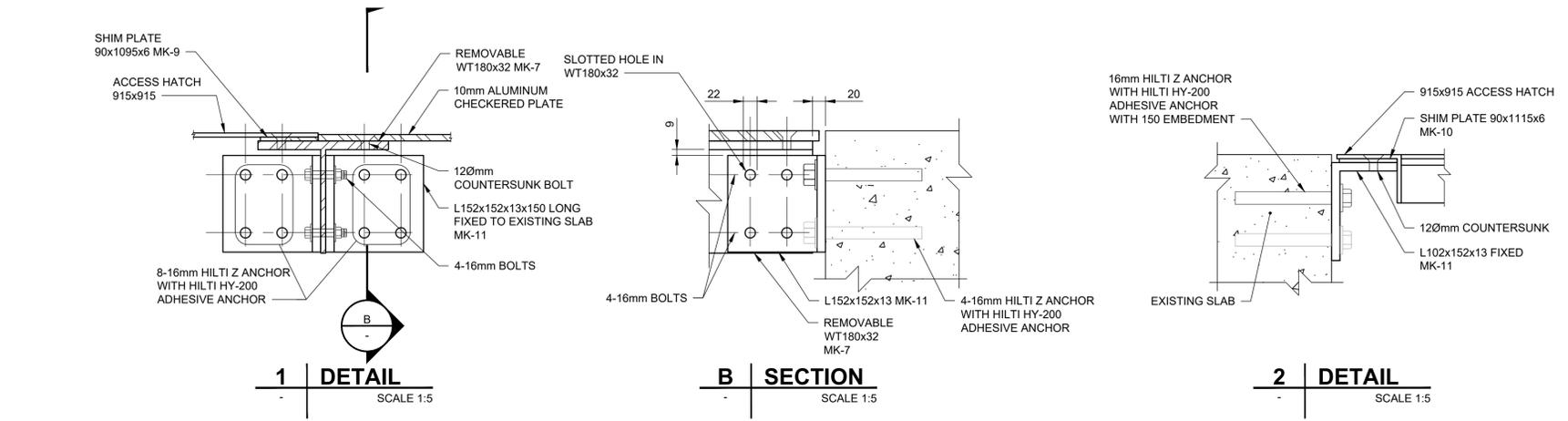
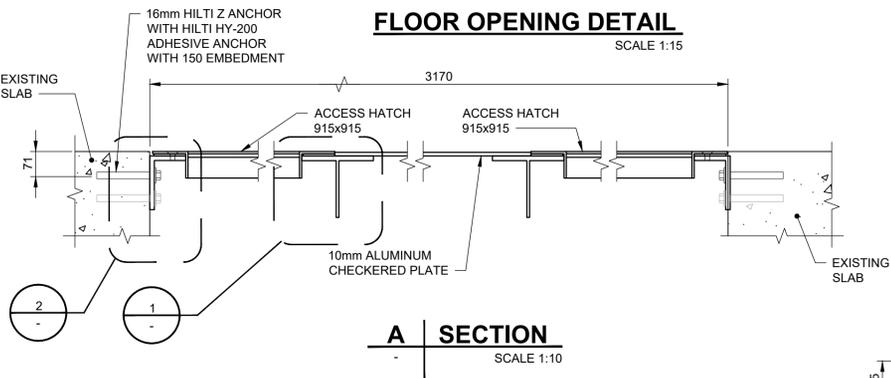
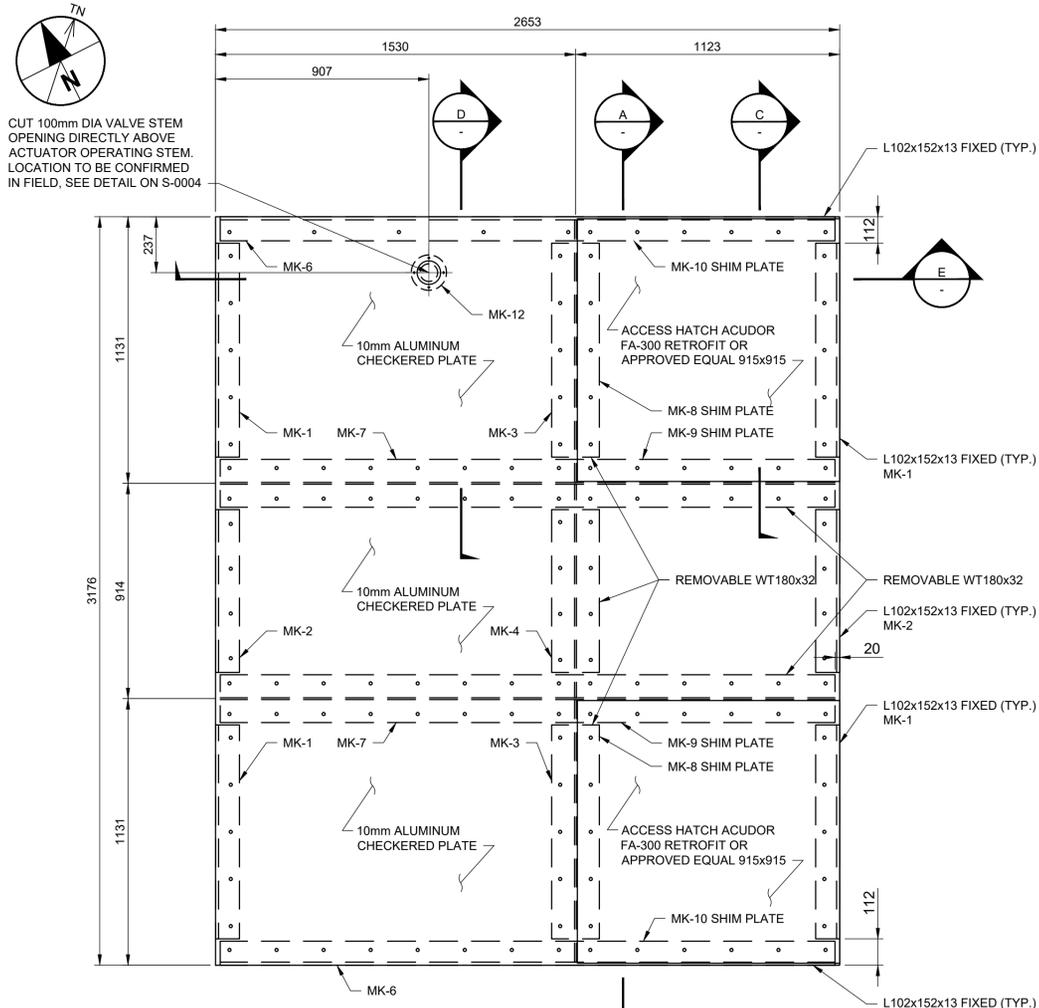


A1 SIZE - 594mm x 841mm



- NOTES:**
- STRUCTURAL STEEL:
    - ALL HOT ROLLED STEEL MEMBERS SHALL CONFORM TO CSA G40.20/21 350W
    - ALL STEEL PLATE SHALL CONFORM TO CSA G40.20/21 300W
  - COUNTERSUNK BOLTS SHALL CONFORM TO ASTM A449, ALL OTHER BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM A325 OR ASTM A325M. NUTS TO BE TIGHTENED BY USING TURN OF THE NUT METHOD.
  - ALL STRUCTURAL STEEL MEMBERS, MISCELLANEOUS STEELS, AND CONNECTIONS SHALL BE "HOT-DIP" GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123/A123M.
  - WELDING: CSA-W59
  - HOLES: 18mm DIA. HOLE FOR 16mm BOLT (UNLESS NOTED)  
ALL 12mm BOLTS TO BE COUNTERSUNK
  - ALL HOLES SHALL BE DRILLED FULL SIZE OR SUB-PUNCHED AND REAMED.
  - CONTRACTOR TO FIELD VERIFY ALL DETAILS AND DIMENSIONS PRIOR TO FABRICATION. REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR PRIOR TO COMMENCING WORK.
  - COATING SYSTEM FOR ALL GALVANIZED ELEMENTS SHALL BE AMERCOAT 385 AS TIE COAT/PRIMER AND INTERMEDIATE COAT, AND AMERCOAT 450H AS TOPCOAT.
  - DESIGN LOAD: 7.2 kPa

**ENGINEERS  
GEOLOGISTS  
MANITOBA**  
Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: 17/08/2022

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

NO.	REVISIONS	DATE	DESIGN	CHECK
01	ISSUED FOR CONSTRUCTION	22/08/17	CC	FT
00	ISSUED FOR 90% DESIGN	22/07/20	CC	FT

**AECOM**

DESIGNED BY: CC CHECKED BY: FT  
 DRAWN BY: KC APPROVED BY: EBL  
 SCALE: AS NOTED RELEASED FOR CONSTRUCTION BY: JESSICA McCOMBE  
 DATE: 2022-06-24 DATE: 2022-08-18  
 CONSULTANT NO.: S-0003

ENGINEER'S SEAL  
 ORIGINAL SIGNED BY F. TABEL  
 Aug. 17, 2020

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT  
 ENGINEERING SERVICES DIVISION

WINNIPEG WATER TREATMENT PLANT  
 DEACON BOOSTER PUMPING STATION  
 STRUCTURAL  
 SUCTION HEADER SPLIT  
 FLOOR COVER DETAILS AND SECTIONS

CITY DRAWING NUMBER: 1-0601D-S0003-001 SHEET: 007 REV: 01 SIZE: A1

TENDER NO. 640-2022

LAST SAVE: PTH