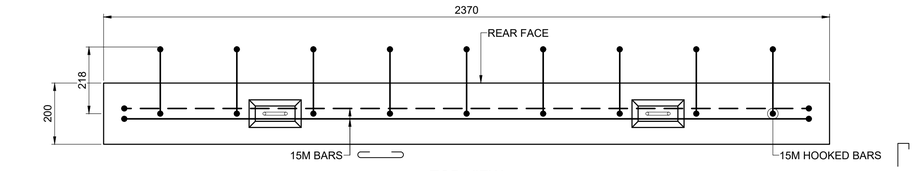
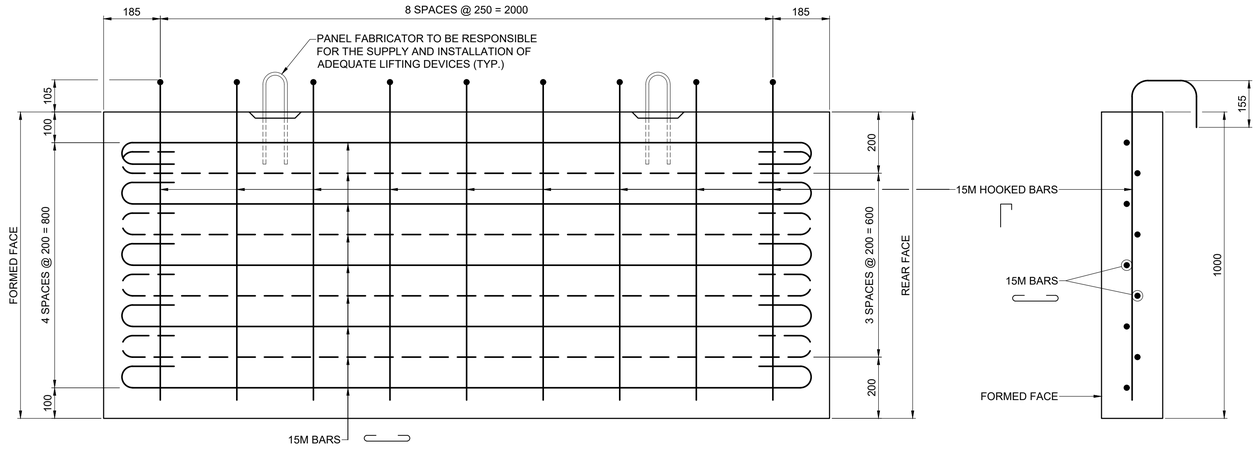
ISO A1 - 594mm x 841mm



TOP VIEW



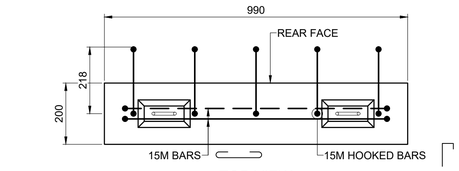
ELEVATION

TYPICAL SECTION

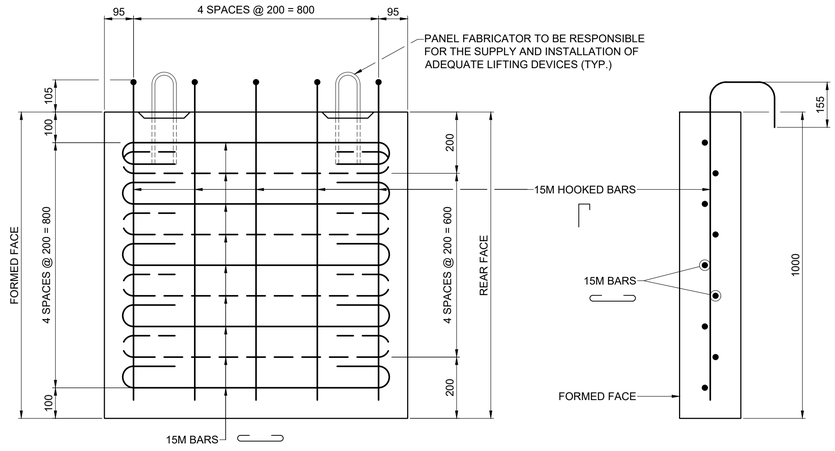
PRECAST PANEL Mk. "P1"

6 TOTAL REQ'D PANELS

SCALE: 1:10



TOP VIEW



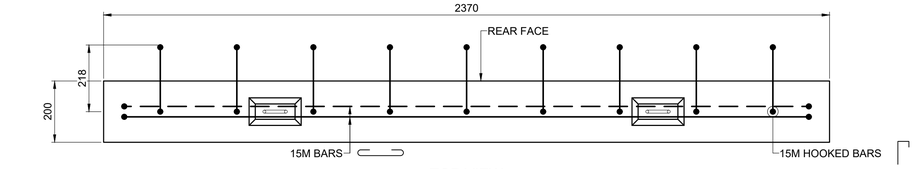
ELEVATION

TYPICAL SECTION

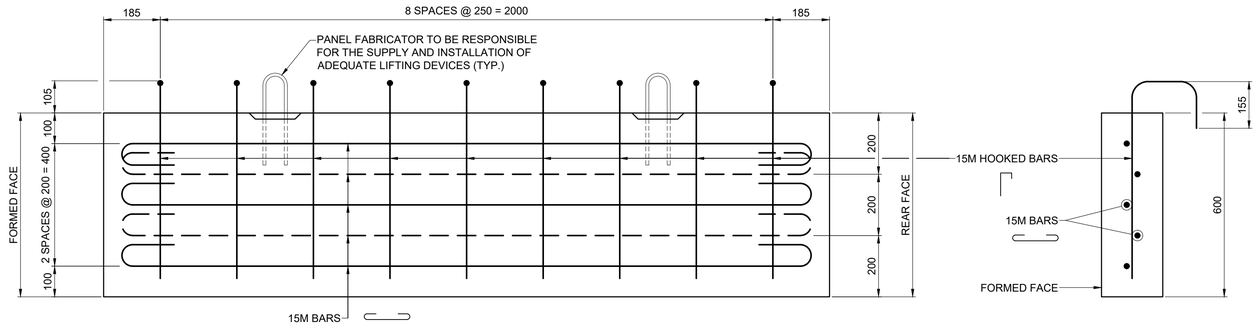
PRECAST PANEL Mk. "P2"

1 TOTAL REQ'D PANEL

SCALE: 1:10



TOP VIEW



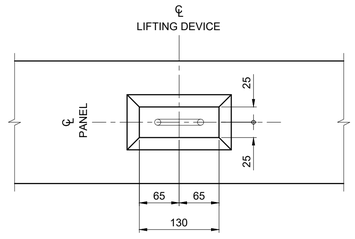
ELEVATION

TYPICAL SECTION

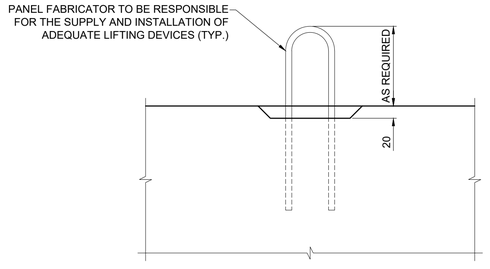
PRECAST PANEL Mk. "P3"

2 TOTAL REQ'D PANELS

SCALE: 1:10



PLAN



TYPICAL SECTION

LIFTING DEVICE

SCALE: 1:5

NOTES:

1. ARCHITECTURAL FORMWORK LINER PATTERN NOT SHOWN FOR CLARITY.
2. FORMED FACE TO BE PLACED AS EXPOSED FACE DURING CONSTRUCTION.
3. ARCHITECTURAL FORMWORK LINER SHALL BE USED ON ALL FORMED (EXPOSED) FACES. ARCHITECTURAL FORMWORK LINER SHALL PROVIDE A BRICK-STYLE FINISH.
4. REAR FACE OF PANELS TO BE DAMP PROOFED ON ALL AREAS PERMANENTLY EXPOSED TO GRANULAR BACKFILL. FRONT FACE TO BE DAMP PROOFED ON ALL AREAS PERMANENTLY EXPOSED TO GRANULAR BACKFILL BEGINNING 100 mm BELOW TOP OF ASHPALT.
5. CONCRETE COVER SHALL BE 75 mm UNLESS NOTED OTHERWISE.
6. EXCAVATION FOR PLACEMENT OF LAGGING PANELS SHALL BE COMPLETED PRIOR TO PANEL PLACEMENT.
7. PLACE SAND AT BASE OF EXCAVATION TO CREATE A LEVEL BASE TO UNDERSIDE OF PANELS PRIOR TO PANEL PLACEMENT.
8. PANELS SHALL BE PLACED PLUMB, WITH THE FULL HEIGHT OF FORMED FACE BEARING DIRECTLY AGAINST THE ELASTOMERIC SHEETS.
9. PANELS SHALL BE PLACED SO THAT THEY BEAR ON THE SUPPORT ANGLES AND ARE CENTRED BETWEEN SOLDIER PILES.
10. AFTER PRECAST PANEL INSTALLATION, ALL LIFTING DEVICES TO BE CUT-OFF FLUSH AND GROUTED AS DIRECTED BY ENGINEER.
11. GRANULAR BACKFILL SHALL BE PLACED A MINIMUM OF 0.3 m WIDE BEYOND THE LAGGING PANELS. GRANULAR BACKFILL SHALL BE PLACED IN A MAXIMUM OF 0.3 m LIFTS AND HAND TAMPED TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR.
12. NON-WOVEN GEOTEXTILE SHALL BE PLACED BETWEEN THE GRANULAR FILL, THE SUB-GRADE, AND THE SURROUNDING FILL.

TENDER 266-2019

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.

BM
ELEV

No.	REVISIONS	YY/MM/DD	BY
A.	ISSUED FOR TENDER	19/05/17	BAP

MORRISON HERSHFIELD

DESIGNED BY	ALP	CHECKED BY	BAP
DRAWN BY	ALP	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	N/A
VERT SCALE			
DATE		DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
B.A.F. PHILLIPS
Member
32723
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
W170041 - THEBRICK WALL.DWG

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2018 REGIONAL STREET RENEWAL PROGRAM
ST. JAMES STREET RECONSTRUCTION
50 m N OF ELLICE AVE TO 150 m N OF SARGENT AVE

RETAINING WALL AT THE BRICK
PRECAST PANEL DETAILS

CITY DRAWING NUMBER: P-3508-11
SHEET 11 OF 16
DRAWING No. 11

o:\Winnipeg\Proj\W170041\4 Design\1 drawings\06 sheets\Structural\W170041 - TheBRICK Wall.dwg Last Saved: 5/16/2019 9:14 AM by ALazcanoPerez Plotted: 5/16/2019 11:41 AM by Andrei Lazcano Perez