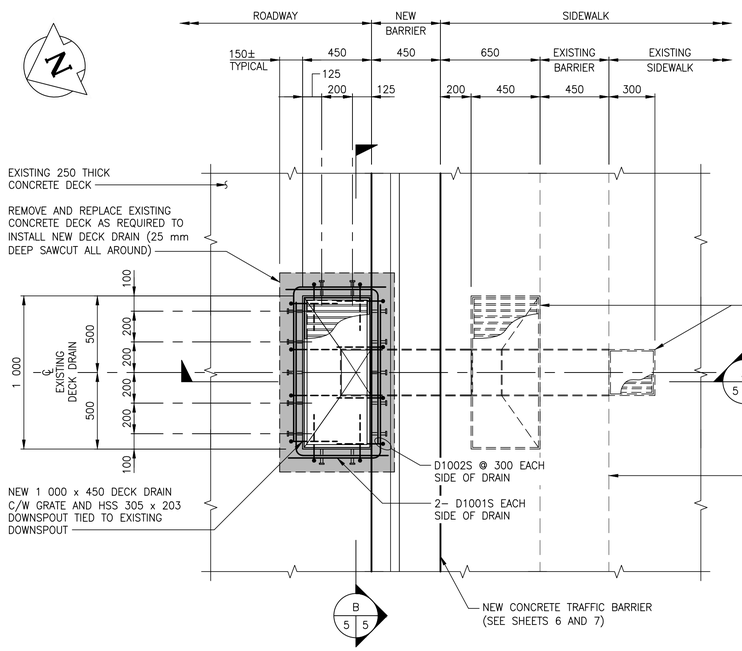
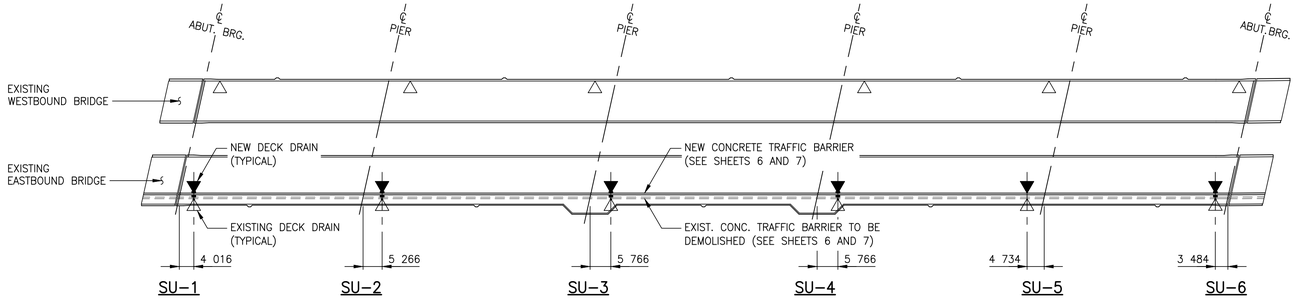
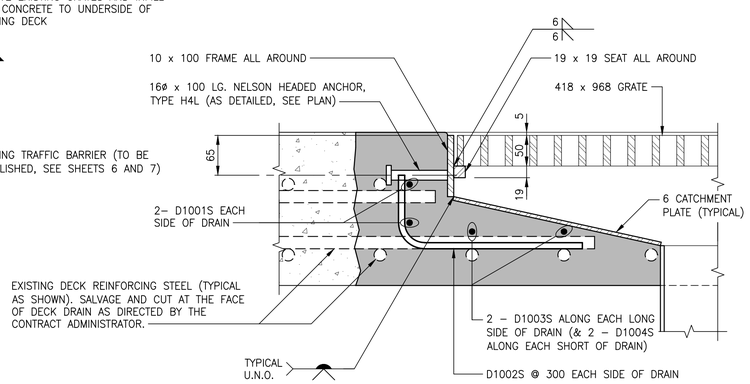
A1 SIZE (594 mm x 841 mm)



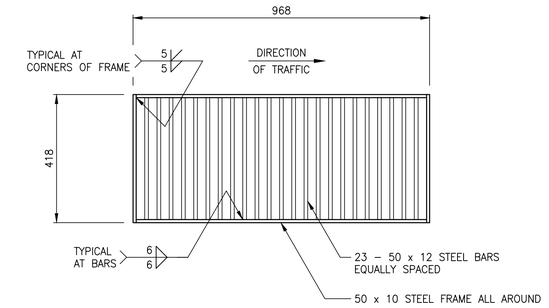
DECK DRAIN PLAN
SCALE 1:20



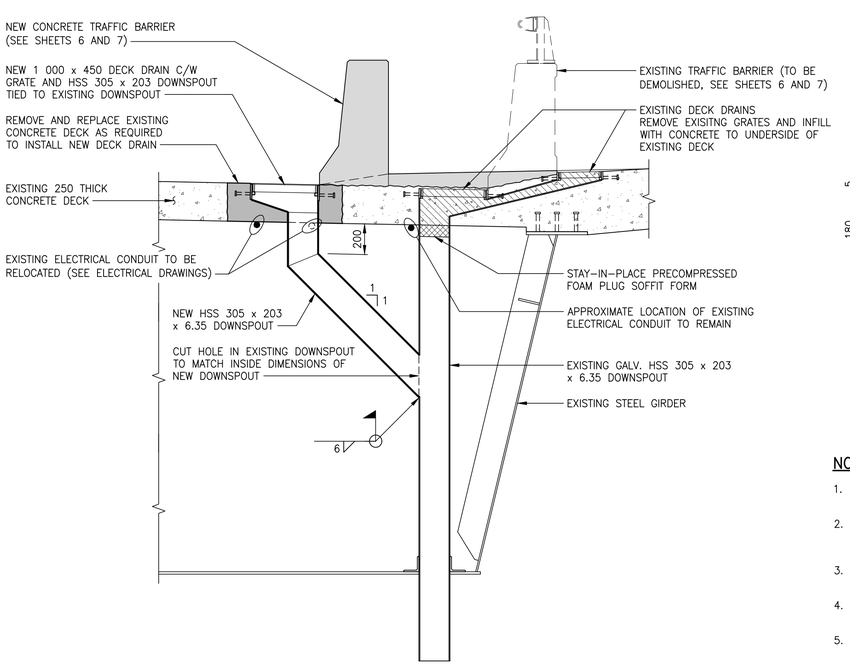
KEY PLAN
NOT TO SCALE



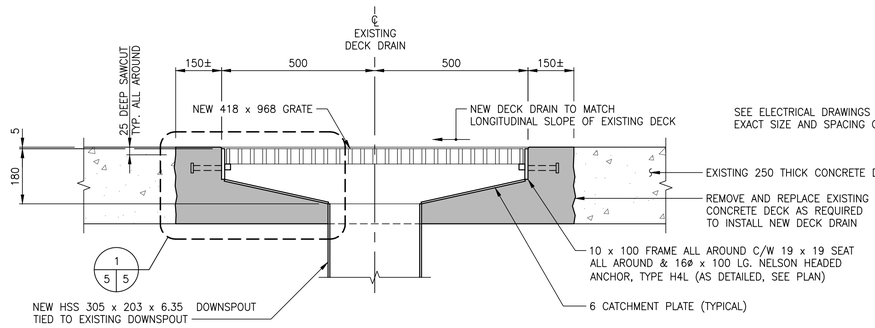
DETAIL 1
SCALE 1:5



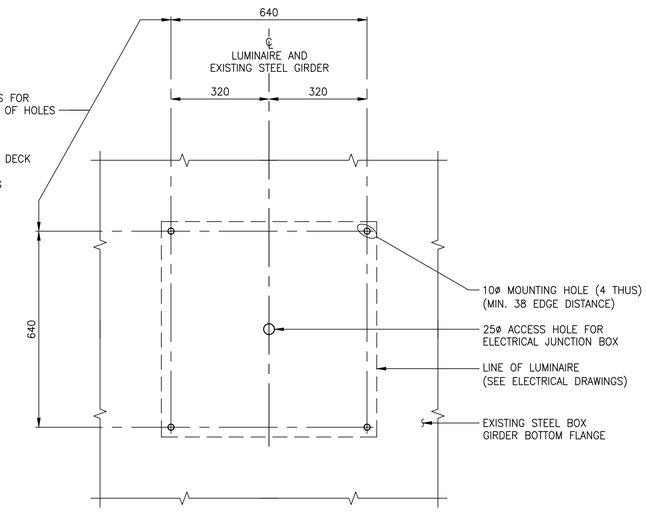
NEW GRATE DETAIL PLAN
SCALE 1:10



SECTION A
SCALE 1: 20



SECTION B
SCALE 1:10



NEW UNDERBRIDGE LUMINAIRE MOUNTING DETAIL
LUMINAIRE AT UNDERSIDE OF EXISTING STEEL BOX GIRDER FLANGE SHOWN, LUMINAIRE MOUNT ON SIDE OF EXISTING STEEL BOX GIRDER WEB SIMILAR.
SCALE 1:10

NOTE

1. ALL GEOMETRY AND DIMENSIONS TO ALL EXISTING ELEMENTS HAVE BEEN REPRODUCED FROM THE ORIGINAL 1990 RECORD DRAWINGS AND HAVE NOT BEEN VERIFIED BY WSP CANADA GROUP LIMITED.
2. CONTRACTOR MUST VERIFY ALL EXISTING GEOMETRY AS WELL AS PROPOSED DIMENSIONS AND LAYOUT IN THE FIELD PRIOR TO FABRICATION AND CONSTRUCTION. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
3. EXISTING CONCRETE DECK REINFORCING STEEL SHALL NOT BE CUT OR REMOVED WITHOUT THE APPROVAL OF THE CONTRACT ADMINISTRATOR.
4. STEEL PLATES SHALL CONFORM TO THE REQUIREMENTS OF CSA G40.21, GRADE 300W. HSS SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF CSA G40.21, GRADE 350W.
5. NEW DECK DRAINS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 TO A MINIMUM NET RETENTION OF 610 g/m² AFTER FABRICATION.
6. ALL AREAS OF DAMAGED GALVANIZING SHALL BE REPAIRED WITH SELF–FLUXING LOW TEMPERATURE ZINC BASED ALLOY SPRAY ON COATING CALLED "ZINGA" OR APPROVED EQUIVALENT.
7. CUTTING, HOT TORCHING OR WELDING OF EXISTING STEEL BOX GIRDER FLANGES, WEBS, STIFFENERS, BRACES, ETC. IS NOT PERMITTED.
8. SEE ELECTRICAL DRAWINGS FOR THE EXACT NUMBER AND LOCATION OF LUMINAIRES. ADJUST THE LOCATION OF LUMINAIRES AS REQUIRED TO SUIT EXISTING STEEL BOX GIRDER STIFFENERS, BRACES, ETC.

LEGEND:

- EXISTING CONCRETE
- NEW CONCRETE
- NEW CONCRETE INFILL
- ADDITIONAL NEW CONCRETE (SEE DETAILS ON OTHER SHEETS)
- △ EXISTING DECK DRAIN
- ▼ NEW DECK DRAIN

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
WSP Canada Group Limited
No. 6657

LOCATIONS APPROVED
UNDERGROUND STRUCTURES

SIGNED BY: SUPV U/G STRUCTURES DATE

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 EXISTANCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING

G.B.M. = -
ELEV. = -

No.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	18.02.23	JL

WSP Canada Group Limited
93 Lombard Avenue, Suite 111
Winnipeg MB R3B 3B1
T+ 1 204-943-3178
F+ 1 204-943-4948
www.wsp.com

DESIGNED BY	BB	CHECKED BY	WC
DRAWN BY	CP	APPROVED BY	JL
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERTICAL	AS NOTED		
DATE	18.02.23	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.B. BOWLES
34037
REGISTERED PROFESSIONAL ENGINEER
Feb 23, 2018

CONSULTANT ACAD DWG. No.
17M-02091-00-S-05

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

CHIEF PEGUIS TRAIL - GREENWAY EXTENSION
KILDONAN SETTLERS BRIDGE MODIFICATIONS

DECK DRAIN DETAILS

CITY DRAWING NUMBER: B216-18-05
SHEET 5 OF 26
BID OPPORTUNITY NUMBER: 4-2018

Plotted: February 22, 2018 at 12:57:39 PM | Last saved by: peterson
File: p:\2017\17m-02091-00 - professional consulting services for chief peguis greenway extension from main street to henderson highway\WSP DWG\structural\17M-02091-00 CPT Greenway DD 05 deck drains.dwg | Layout: 5 Deck Drain Details