

**DESIGN DATA** 

GRADE 400W

DESIGN SPECIFICATION - CAN/CSA-S6-06

LIVE LOAD - CL625 DESIGN LANE LOAD REINFORCING STEEL - CSA G30.18 - M92 (R2002)

CONCRETE STRENGTH AT 28 DAYS - 35 MPa

**GENERAL NOTES** 

THESE DRAWINGS TO BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS.

CONTRACTOR SHALL SITE VERIFY ALL EXISTING DIMENSIONS.

INVERT ELEVATION OF EXISTING CULVERT AT DOWNSTREAM END IS APPROXIMATE ONLY. CONTRACTOR SHALL SITE VERIFY THIS ELEVATION.

## **REINFORCING**

CONCRETE CLEAR COVER TO REINFORCEMENT 65mm FOR TOP FACE OF CULVERT, 50mm FOR ALL OTHER SURFACES.

SUPPLY SUPPORT BARS FOR MAIN REINFORCEMENT AS REQUIRED.

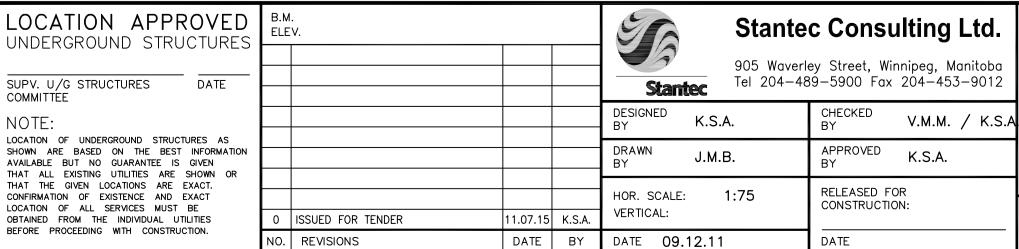
## LAP SPLICE SCHEDULE

EMBEDMENT TENSION SIZE LAP 15M 550 400 700 20M 500 25M 800 1100

LAP SPLICE SCHEDULE IS FOR CLASS B SPLICE UNLESS NOTED OTHERWISE.

LOCATE REINFORCING SPLICES NOT INDICATED ON THE DRAWINGS AT POINTS OF MINIMUM STRESS. LOCATIONS OF SPLICES TO BE APPROVED BY THE CONTRACT ADMINISTRATOR.

BEFORE PLACING REBAR ENSURE IT IS CLEAN, FREE OF LOOSE SCALE, DIRT, OR OTHER DELETERIOUS MATERIAL WHICH WOULD REDUCE THE BOND TO CONCRETE.



## AMYMEMBER

CONSULTANT DRAWING NO.

S-101

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT Winnipeg Engineering Division

## WWARP PART I

KENASTON BOULEVARD EXTENSION - N.B. LANES NORTH TOWN ROAD TO BISHOP GRANDIN BOULEVARD CONCRETE PLAN - INLET & OUTLET CONCRETE CULVERT EXTENSION

CAD FILE DRAWING NUMBER 04840s-I0I-727.dwg CITY DRAWING NUMBER

C375-II-08

APEGIN

Certificate of Authorization

Stantec Consulting Ltd.

No. 1301 Date:\_

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