



COMPRESSIBLE FOAM PAD DETAIL
1:5
CENTER COMPRESSIBLE FOAM PADS WITH HOLE TO MATCH DUCT DIAMETER ON SKEW.

- NOTES:**
- INSTALL ALL GIRDERS.
 - GROUT CENTER KEY.
 - TENSION EACH TRANSVERSE STRAND TO 25kN.
 - GROUT REMAINING KEYWAYS.
 - AFTER THE GROUT HAS ATTAINED A STRENGTH OF 45 MPa, TENSION EACH TRANSVERSE STRAND TO 124.6 kN/STRAND. NO TRAFFIC OR HEAVY EQUIPMENT WILL BE PERMITTED ON THE GIRDERS UNTIL ALL STRANDS HAVE BEEN FULLY TENSIONED.
 - CONCRETE FOR DECK SLAB, SIDEWALK, CURB AND/OR BARRIER SECTIONS SHALL NOT BE PLACED UNTIL THE TRANSVERSE STRANDS HAVE BEEN FULLY TENSIONED AND DUCTS GROUTED.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. ELEV.
SUPV. 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.		
NO.	REVISIONS	DATE BY
0	ISSUED FOR TENDER	11.12.15 K.S.A.

DESIGNED BY	K.S.A.	CHECKED BY	K.S.A.
DRAWN BY	J.M.B.	APPROVED BY	B.J.W.
HOR. SCALE:	1:10	RELEASED FOR CONSTRUCTION:	
VERTICAL:	U.N.O.	DATE	DEC. 15, 2011

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ENGINEER'S SEAL

CONSULTANT DRAWING NO.
S-501

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

STURGEON ROAD
BRIDGE REPLACEMENT
PORTAGE AVENUE TO HALLONQUIST DRIVE
GIRDER LAYOUT

SHEET **33** OF **82**
CAD FILE DRAWING NUMBER
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