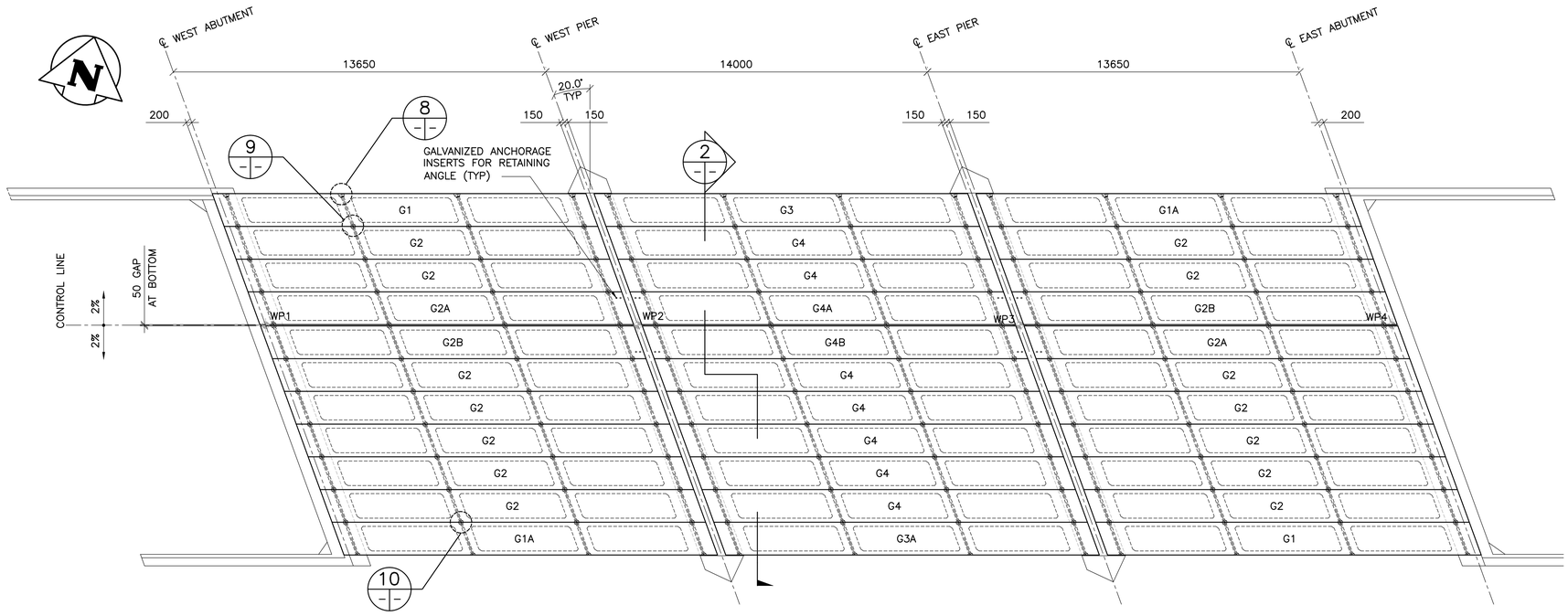
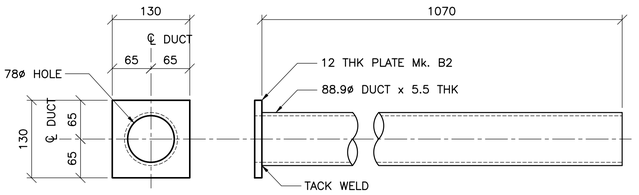
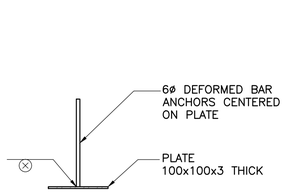


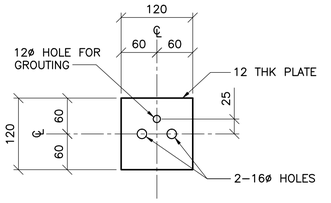
1 PRECAST CONCRETE GIRDER LAYOUT
1 : 100



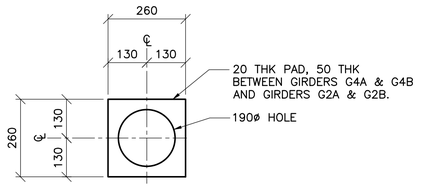
4 DUCT Mk. B1
1 : 5



5 SCREED CHAIR SEAT
1 : 5

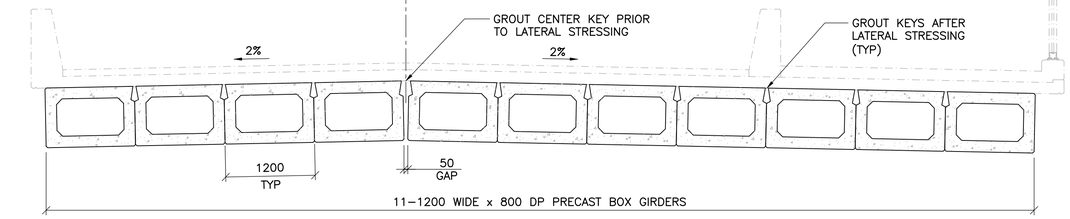


6 PLATE Mk. B2
1 : 5



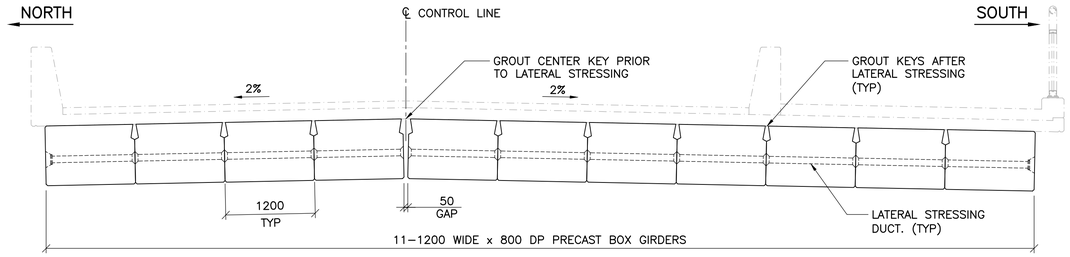
7 FOAM PAD
1 : 10

NORTH



2 TYPICAL CROSS SECTION
1 : 40

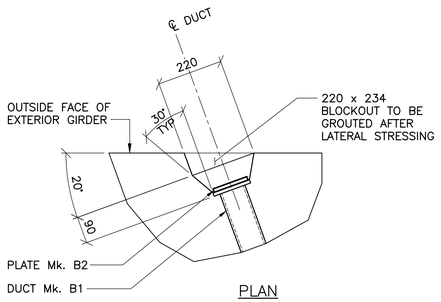
NORTH



3 CROSS SECTION AT DIAPHRAGM
1 : 40

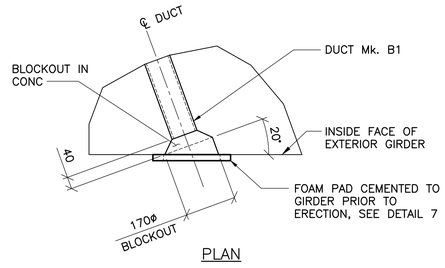
NOTE:

SEATS FOR SCREED PLATES SHALL BE PLACED FOR SURVEY CONTROL SO THAT THE TOP SURFACE IS FLUSH WITH THE TOP SURFACE OF THE CONCRETE GIRDER WITH TWO EDGES OF THE SEAT PARALLEL TO EDGES OF THE TOP FLANGE. SCREED CHAIR WILL BE REQUIRED AT 1370mm INTERVALS ON LONGITUDINAL CENTERLINE OF GIRDER WITH FIRST AND LAST SEAT IN EACH GIRDER IMMEDIATELY OVER CENTERLINE OF BEARING. SCREED CHAIR SEATS SHALL BE GALVANIZED.



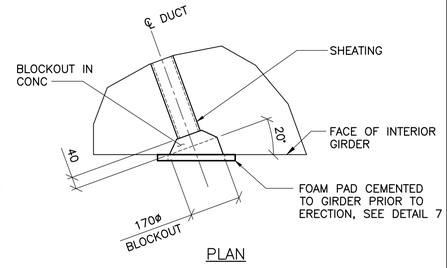
PLAN

8 DETAIL
1 : 10
- TYP BLOCKOUT AT OUTSIDE FACE OF EXTERIOR GIRDERS



PLAN

9 DETAIL
1 : 10
- TYP BLOCKOUT AT INSIDE FACE OF EXTERIOR GIRDERS



PLAN

10 DETAIL
1 : 10
- TYP BLOCKOUT AT INSIDE AND OUTSIDE FACE OF INTERIOR GIRDERS

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Tetra Tech Canada Inc.
No. 6499

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	17.10.04	D.M.

B.M.
ELEV.

TETRA TECH

DESIGNED BY	D.M.	CHECKED BY	J.Z.
DRAWN BY	G.I. / B.M.	APPROVED BY	E.F.S.
HOR. SCALE:	AS NOTED	ACCEPTED BY	DATE
VERTICAL:		ORIGINAL DRAWING SIGNED BY: D. MUHURDAREVIC, P.ENG.	17.10.04
DATE	17.10.04	D. MUHURDAREVIC, P.ENG. BRIDGE PROJECTS ENGINEER	

PROVINCE OF MANITOBA
D.E.S. MITCHELL
ORIGINAL SIGNED
17.10.04
33352
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
1600070700-DWG-S0027

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

SASKATCHEWAN AVE AT STURGEON CREEK
BRIDGE CONSTRUCTION

CITY DRAWING NUMBER: B248-17-027
SHEET 27 OF 69

PRECAST PRESTRESSED BOX GIRDER LAYOUT AND DETAILS

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