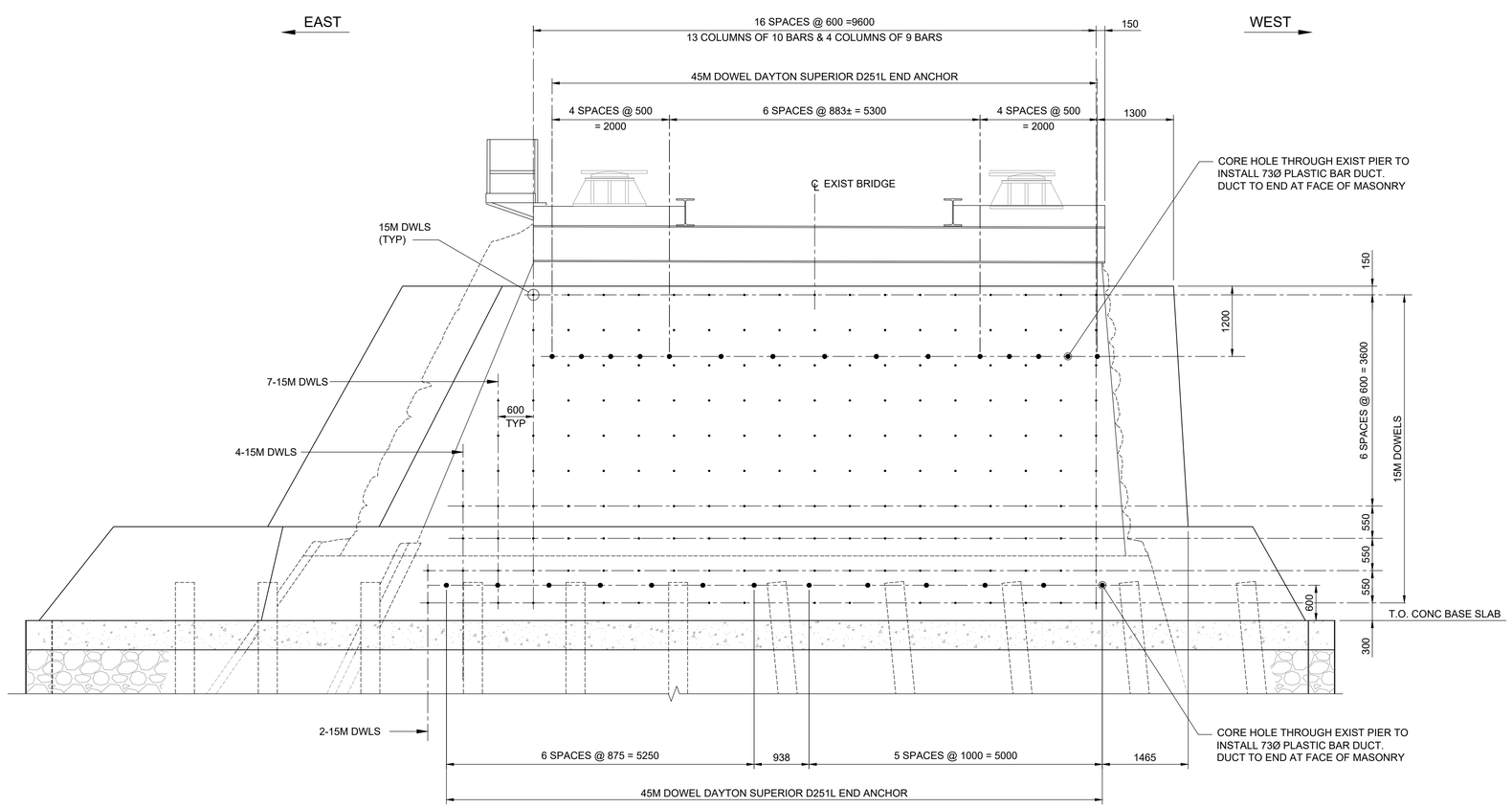
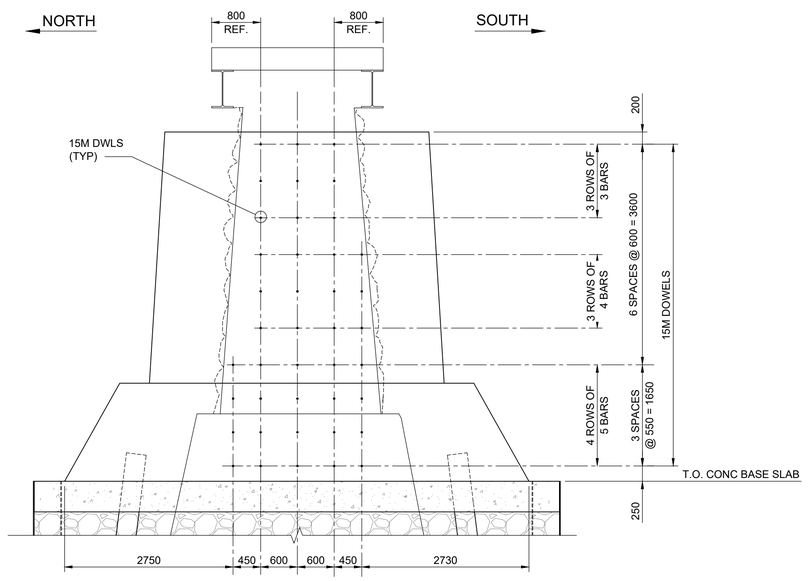


1 - 1 ELEVATION - DOWEL LAYOUT

1 : 50

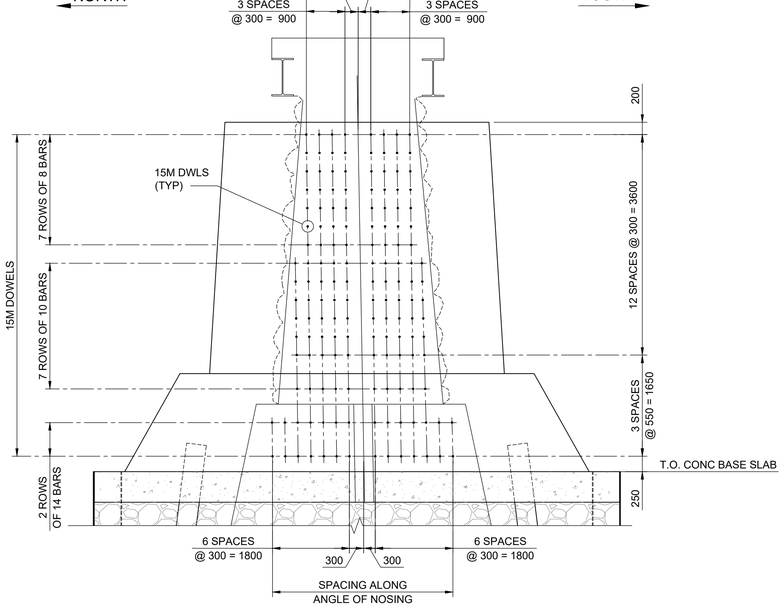
- NORTH ELEVATION AS SHOWN, SOUTH ELEVATION SIMILAR
- DOWELS TO BE SHIFTED ± TO AVOID JOINTS IN LIMESTONE



2 - - WEST END ELEVATION DOWEL LAYOUT

1 : 50

- DOWELS TO BE SHIFTED ± TO AVOID JOINTS IN LIMESTONE



3 - - EAST END ELEVATION DOWEL LAYOUT

1 : 50

- DOWELS TO BE SHIFTED ± TO AVOID JOINTS IN LIMESTONE
- SHIFT DOWELS AS REQUIRED TO AVOID REINFORCING CONFLICTS

NOTE:

1. 15M DOWELS MIN 450 EMBEDMENT INTO LIMESTONE, EPOXY GROUT WITH HILTI HIT RE500 V3 EPOXY.
2. DOWEL LAYOUT SHOWN SCHEMATICALLY. ADJUST DOWL LOCATIONS AS REQUIRED TO AVOID JOINTS IN LIMESTONE.

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

TETRA TECH
DILLON TREK ENGINEERING

VERTICAL DATUM:
HORIZONTAL DATUM:

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	26.07.15	TN

TETRA TECH

DESIGNED BY	RE	REVIEWED BY	TN
DRAWN BY	BM	APPROVED BY	MJB
SCALE:	AS NOTED	ACCEPTED BY	CAM WARD, P.ENG.
DATE	26.07.15	DATE	26.07.15

PROVINCE OF MANITOBA
2026-07-15
R.R.A.A. ELHADARY
Member 48728
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
704-INF.MBI03029-01-DWG-S3028

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

LOUISE BRIDGE SUBSTRUCTURE REHABILITATION
AND RIVERBANK STABILIZATION WORKS

PIER SU.4 - PHASE 1 CONSTRUCTION
REINFORCING DETAILS SHEET 3

CITY DRAWING NUMBER
B107-26-028

SHEET 28 OF 39

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