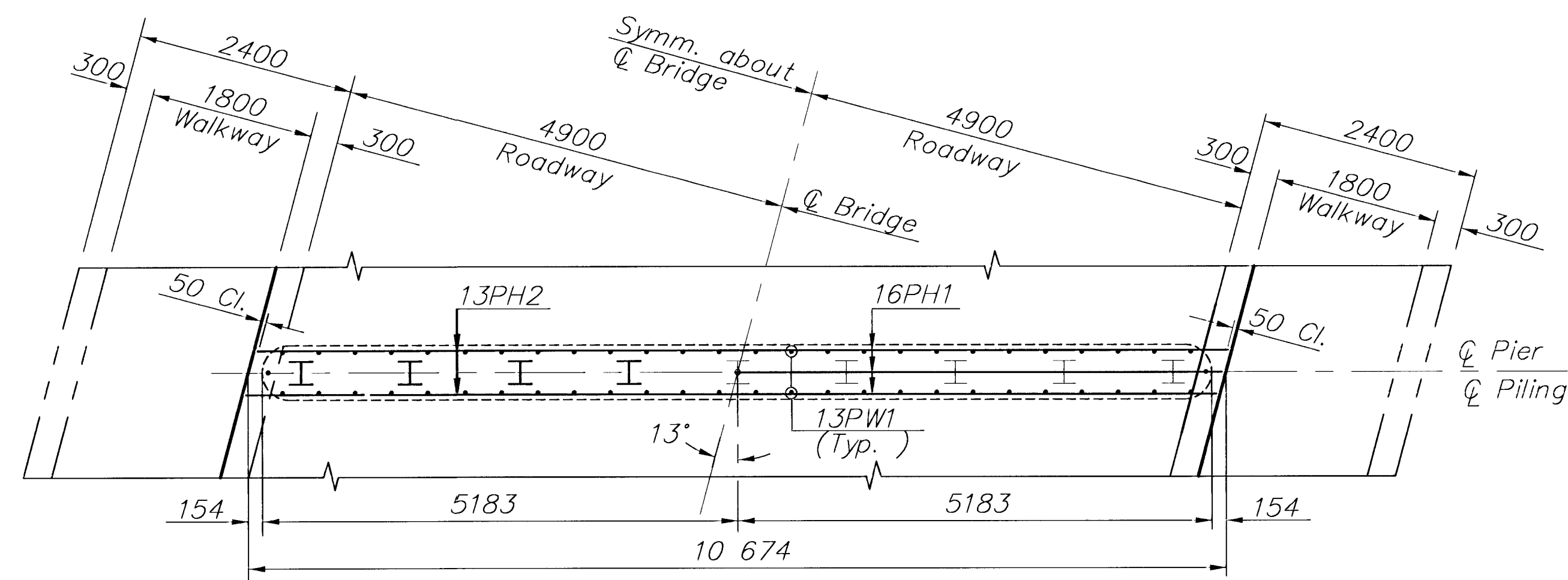
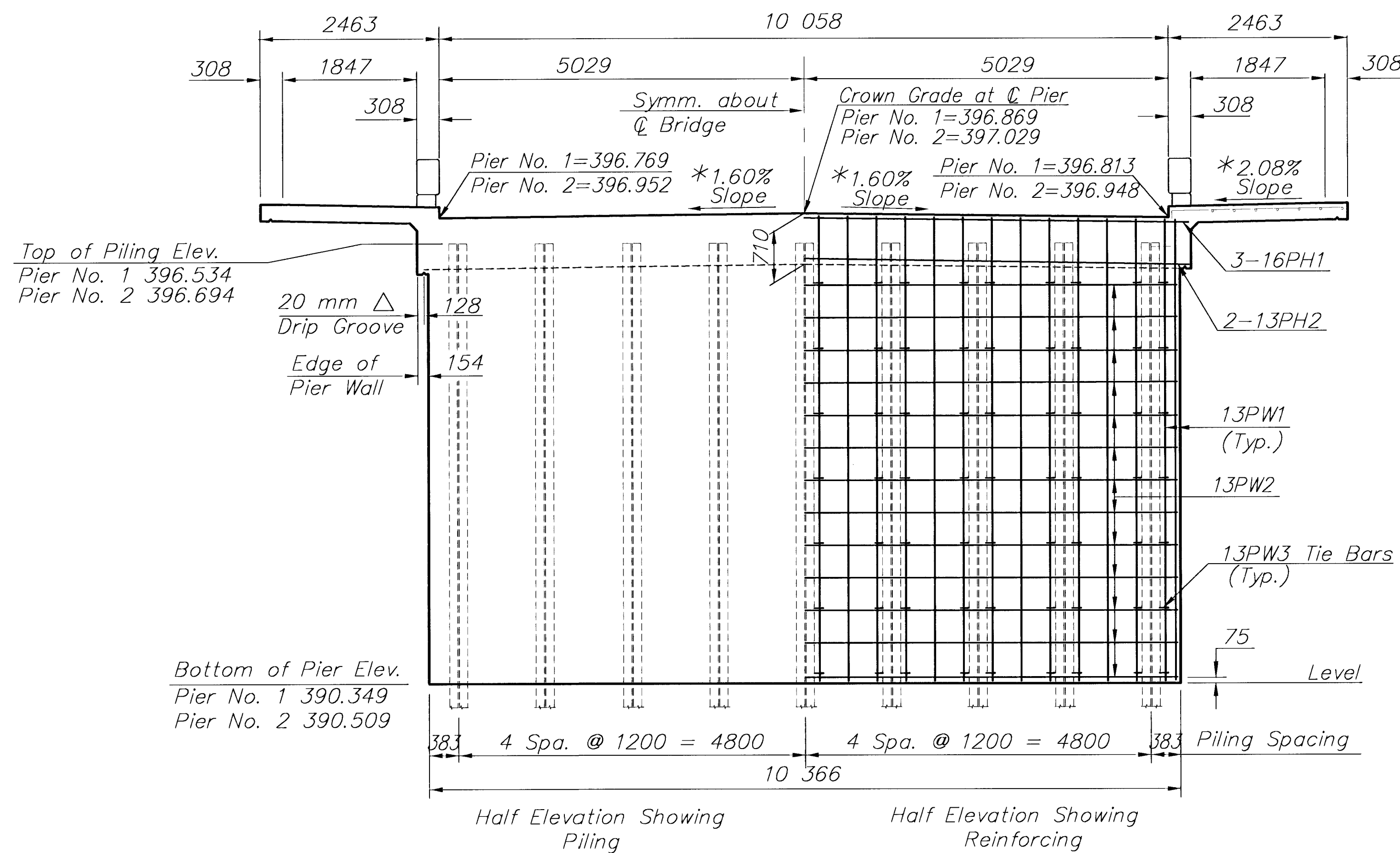




Reinforcing Shown in Bottom of Pier Head

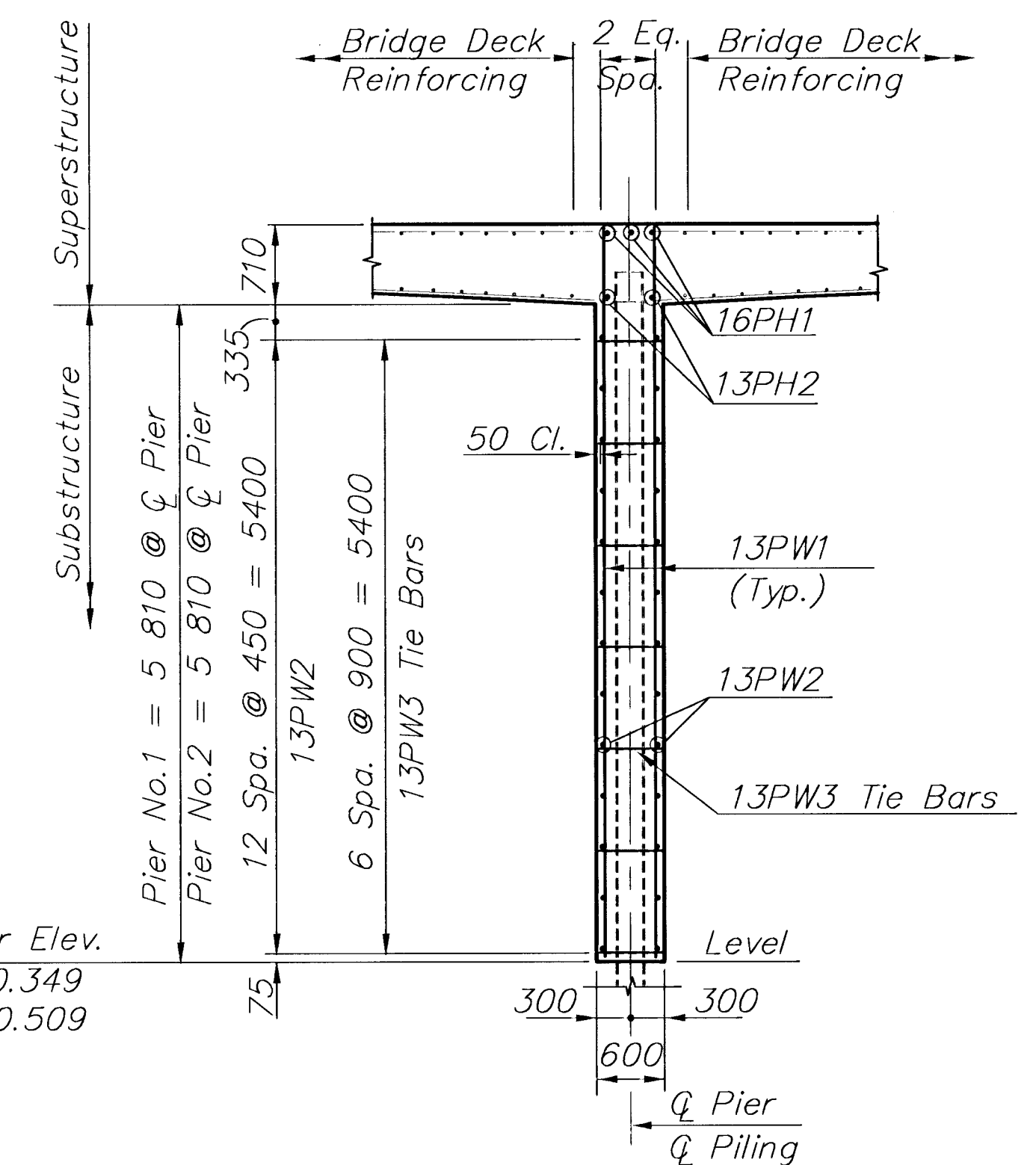
Reinforcing Shown in Top of Pier Head

PLAN

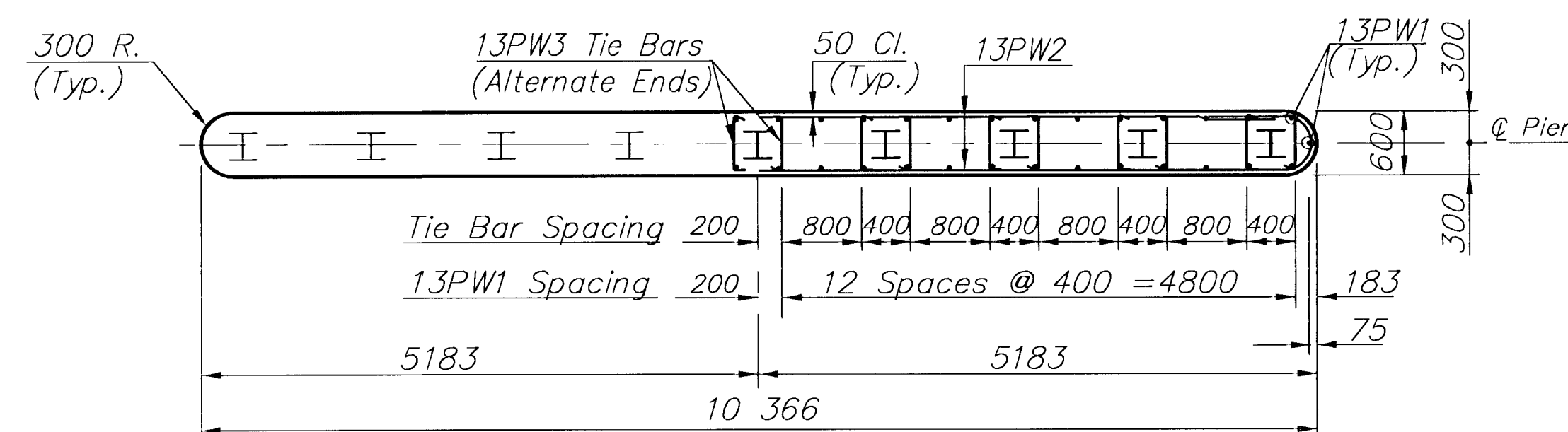


ELEVATION
(Along $\angle$ Pier)

* Slopes are normal to $\mathcal{Q}$ Bridge



TYPICAL SECTION THRU PIER



PIER WEB WALL PLAN

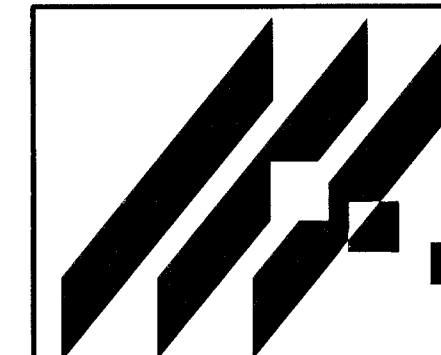
PIER PILE LOADING

Design

Allowable

Group I Loading 491 kN/Pile

500 kN/Pile



MURDOCK AVENUE BRIDGE
PROJECT NAME

PIER DETAILS
SHEET TITLE

KJS
DESIGN BY:

DPG
DRAWN BY:

PAF
CHECKED BY:

FEB. 1999
DATE

97042
JOB NO.

16 / 39
SHEET / OF