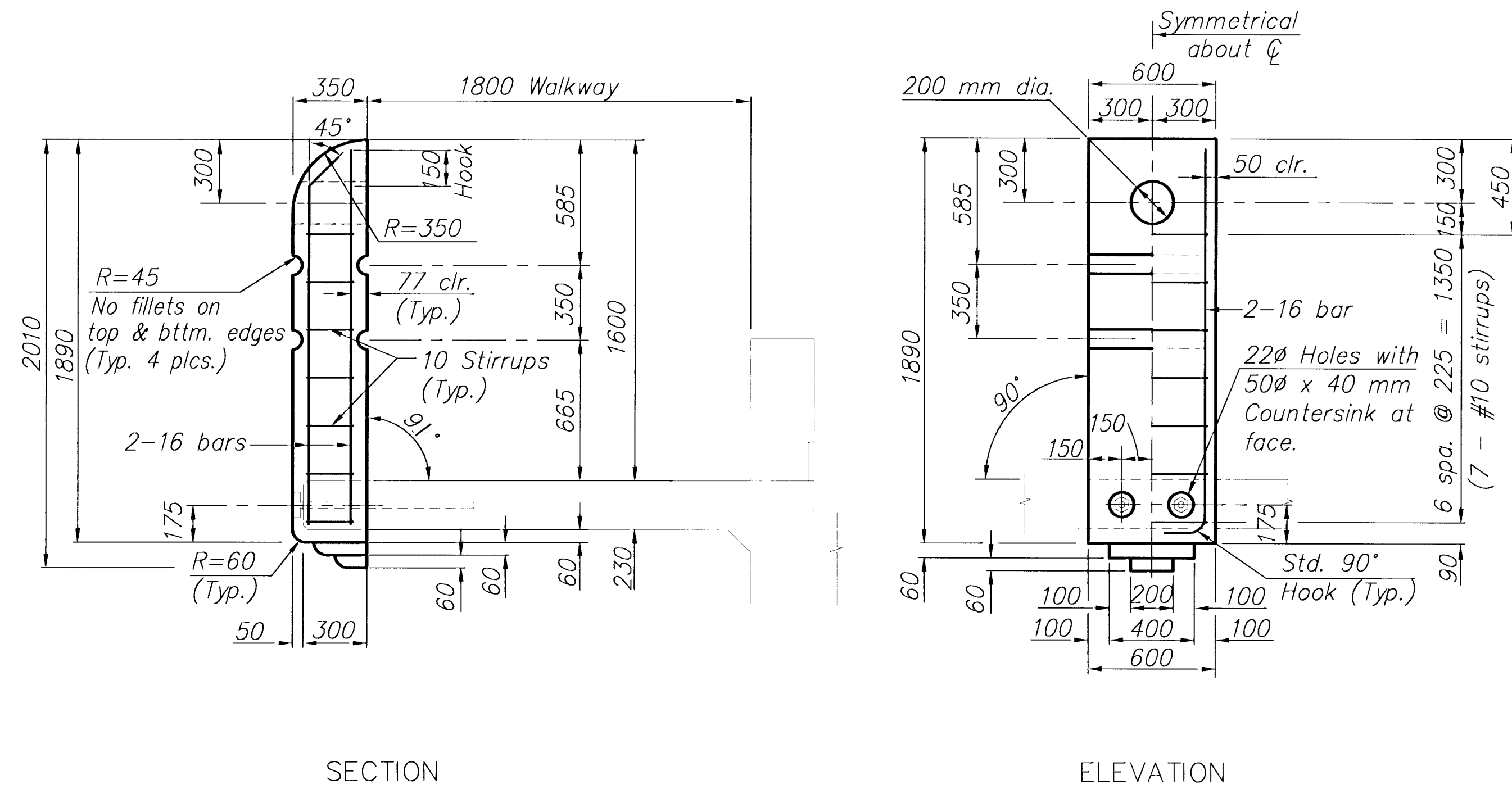
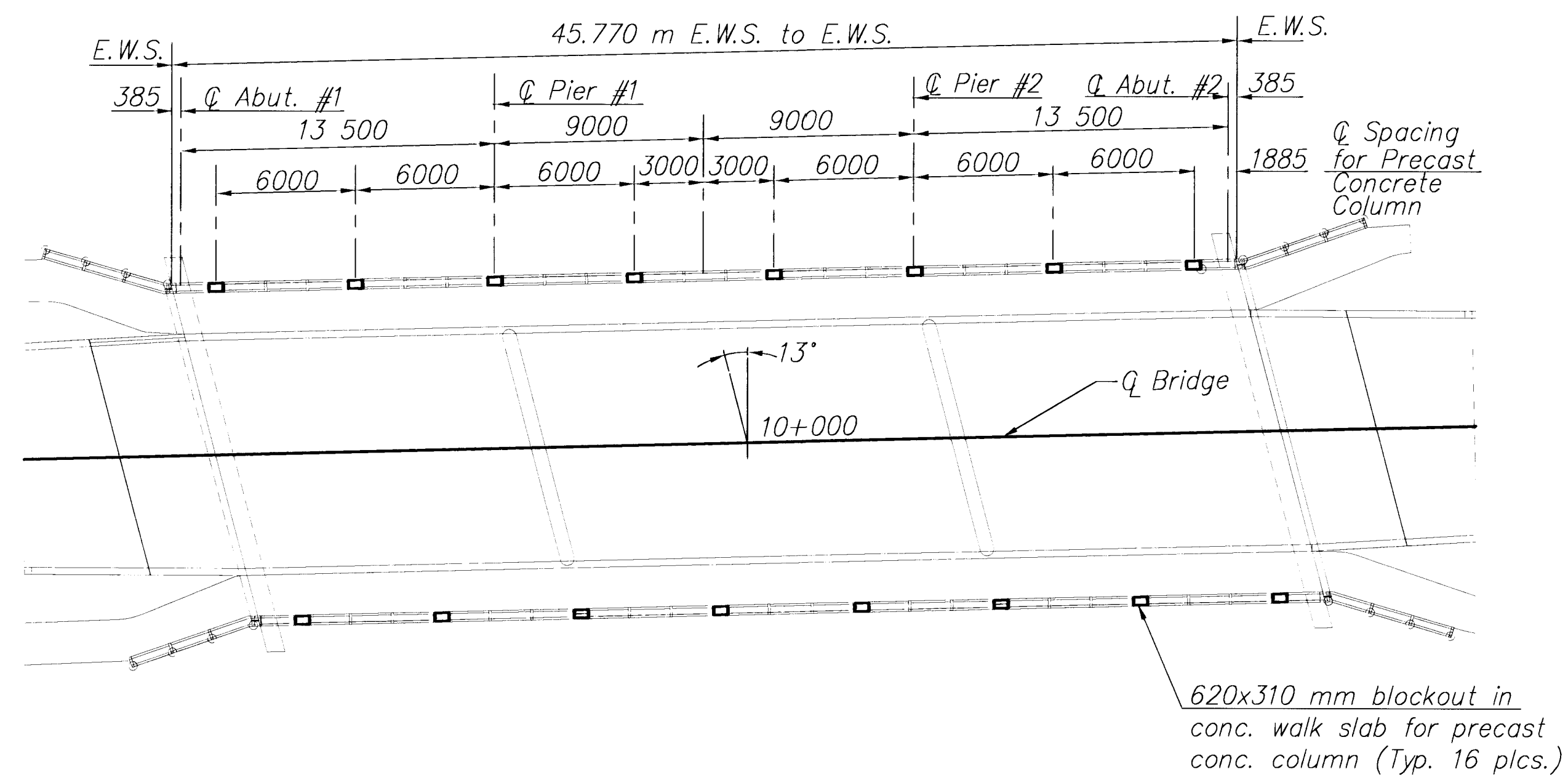


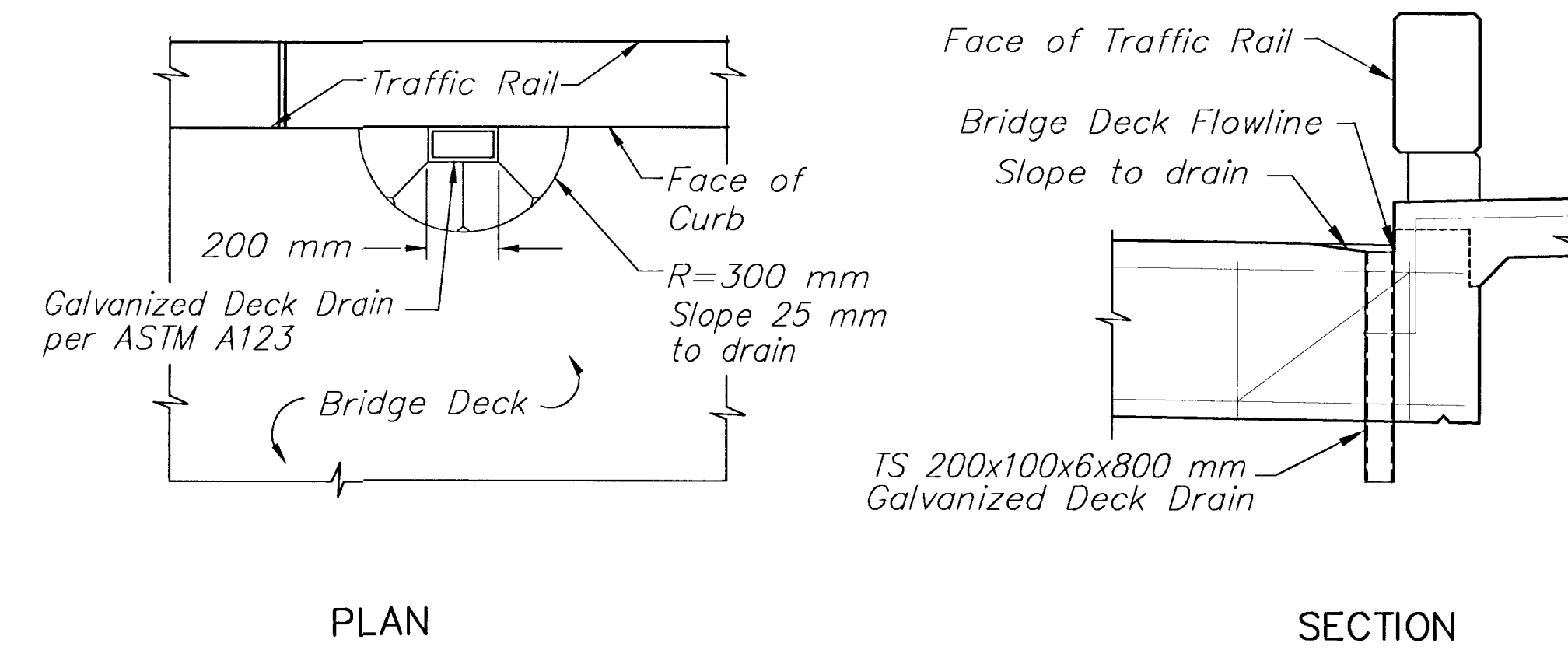


#### PRECAST CONCRETE COLUMN DETAIL

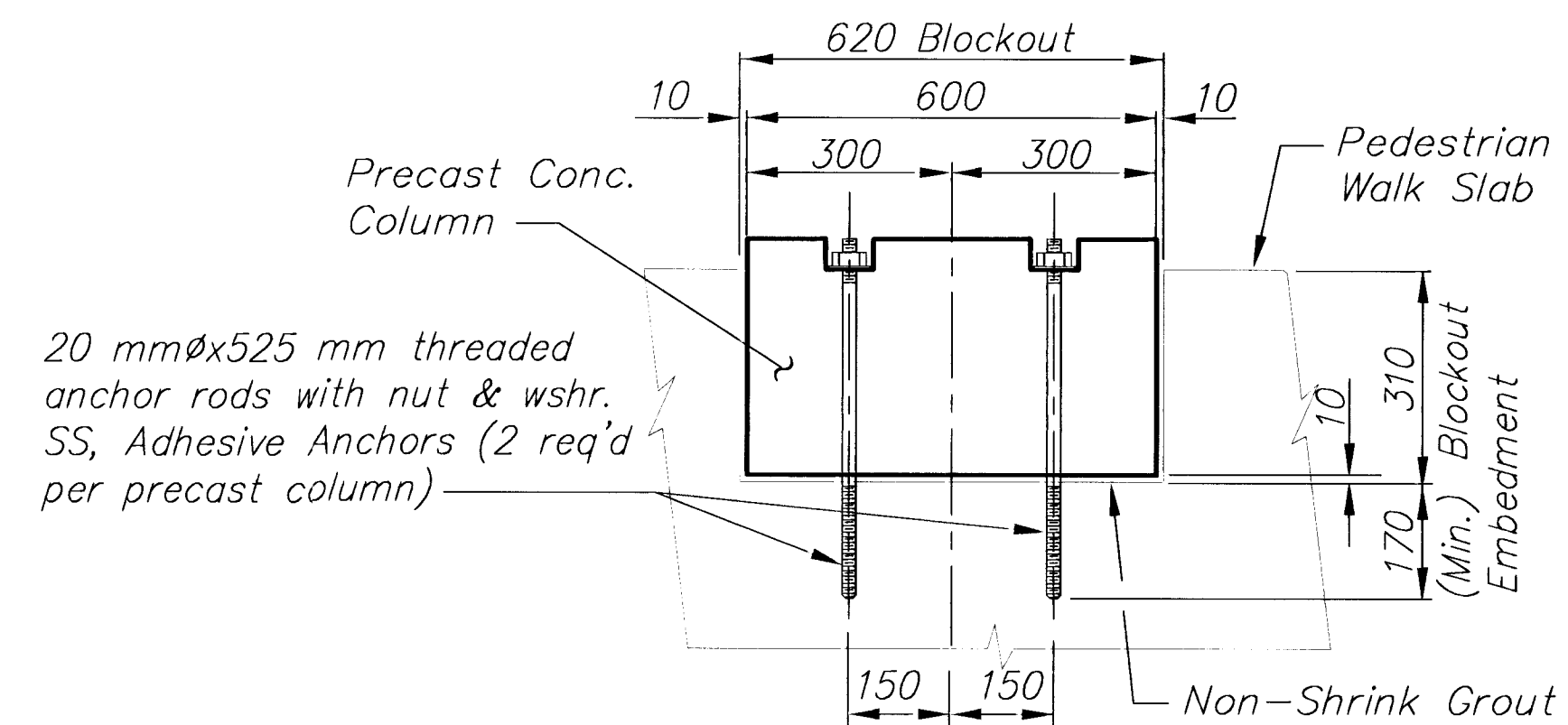
The precast concrete column shall have a sandblast finish.  
Use 9 mm fillet on all concrete edges except as noted.



#### PRECAST CONCRETE COLUMN LAYOUT - PLAN

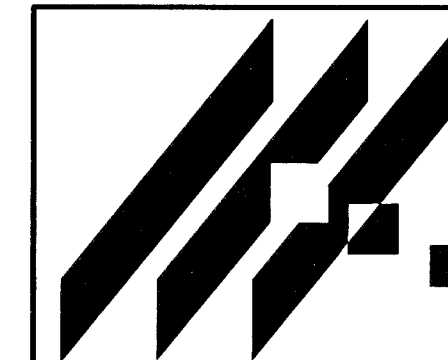


#### DECK DRAIN DETAIL



#### TYPICAL BLOCKOUT PLAN FOR PRECAST CONC. COLUMNS

1. Use galvanized metal shims to adjust vertical alignment of precast columns. Place non-shrink grout between column and sidewalk.



MID-KANSAS ENGINEERING  
CONSULTANTS, INC.  
411 N. WEBB ROAD  
WICHITA, KS. 67206  
316-684-9600

#### MURDOCK AVENUE BRIDGE

PROJECT NAME

#### PEDESTRIAN BRIDGE HANDRAIL AND MISCELLANEOUS DETAILS

SHEET TITLE

JG  
DESIGN BY:

DPG/MLW  
DRAWN BY:

PAF  
CHECKED BY:

FEB. 1999  
DATE

97042  
JOB NO.

20 / 39  
SHEET/OF