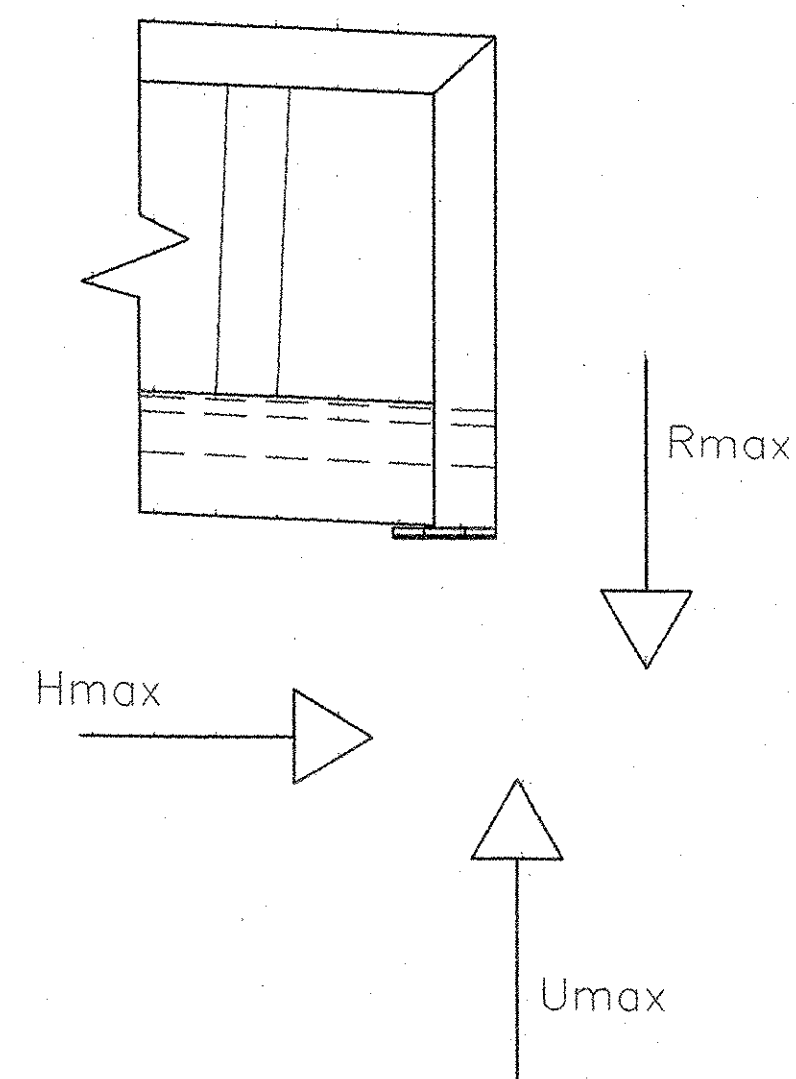
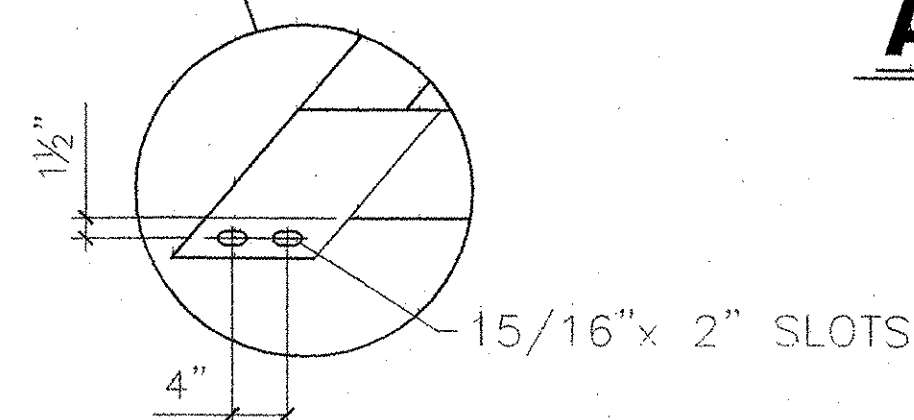


### ANCHOR BOLT SETTING PLAN



#### DESIGN LOADS:

30 PSF SNOW  
85 PSF LIVE LOAD  
SEISMIC 1  
90 MPH WIND - EXPOSURE C  
20,000 LB. CONCENTRATED LOAD

#### AASHTO H10 VEHICLE LOAD

#### BRIDGE REACTIONS

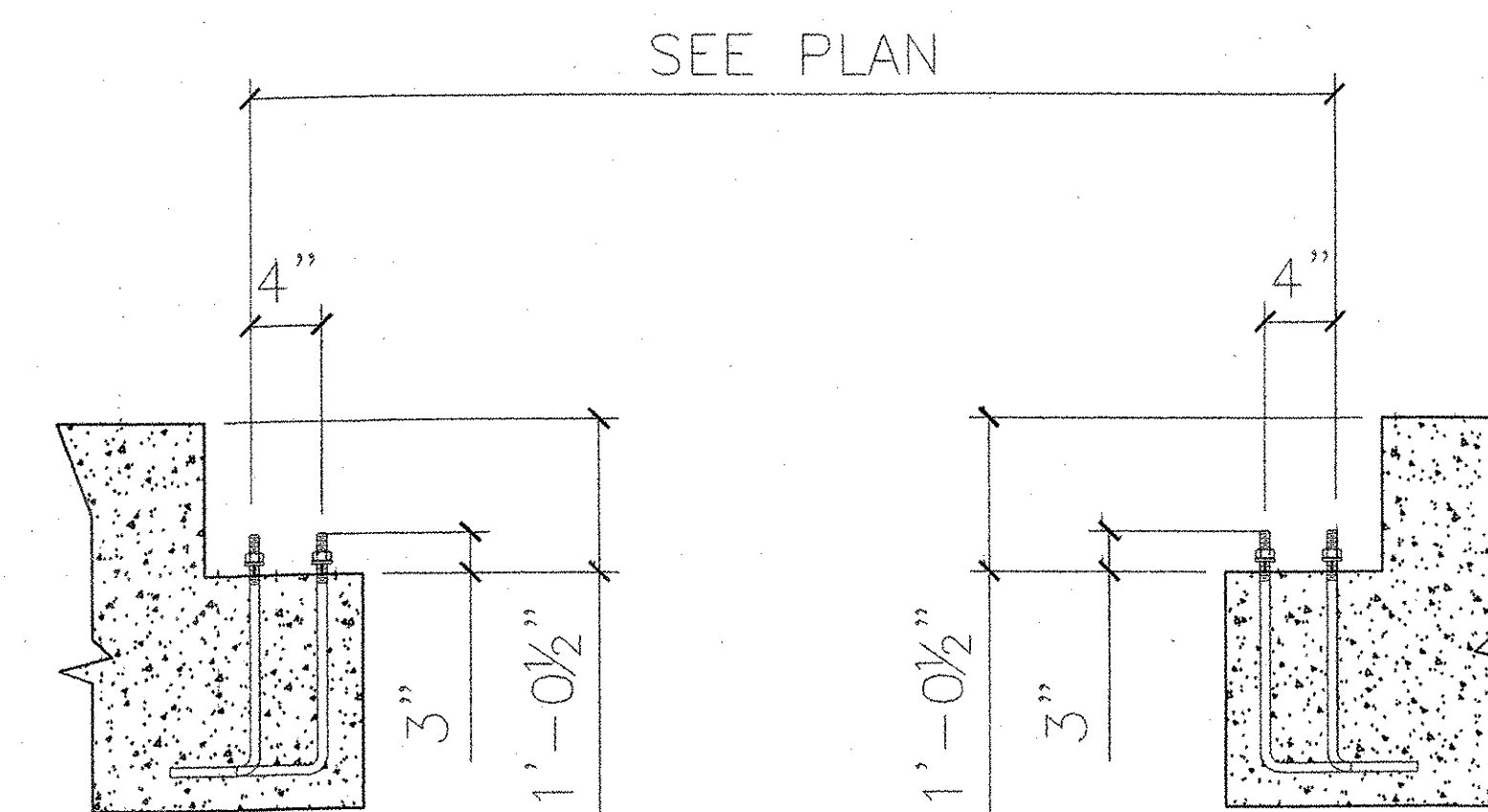
(ALL REACTIONS ARE IN KIPS)

PER BASE PLATE	Rmax	HLmax	HTmax	Umax
TYPICAL	29.53	9.4	2.8	0.0

THESE REACTIONS APPLY TO EACH BASE PLATE, THERE ARE A TOTAL OF (4) BASE PLATES FOR THIS BRIDGE STRUCTURE

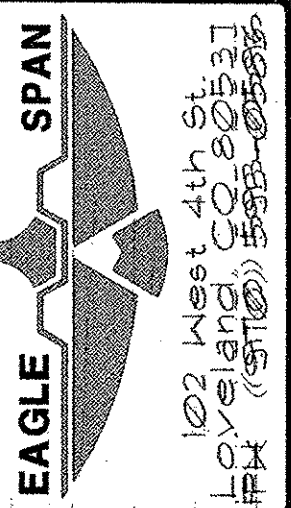
HL = HORIZONTAL REACTION IN THE LONGITUDINAL DIRECTION (PARALLEL TO BRIDGE)  
HT = HORIZONTAL REACTION IN THE TRANSVERSE DIRECTION (PERPENDICULAR TO BRIDGE)  
R = MAXIMUM DOWNWARD VERTICAL REACTION  
U = MAXIMUM UPWARD REACTION (NET)

NOTE:  
WEIGHT OF RAILING BY OTHERS HAS BEEN INCLUDED IN THE DESIGN OF THIS BRIDGE.



#### CONCRETE FOOTING DETAIL

CONCRETE FOOTING NOT BY EAGLESPAN  
ALL ANCHOR RODS ARE 3/4" DIA. (A1554)



WHITCOMB CONSTR.  
WHESTONE BROOK PATH  
PEDESTRIAN BRIDGE  
HEATHLETOWN, VT

DATE	REV.	REVISIONS
1/2/04	0	FOR OWNER APPROVAL
1/27/04	1	CUSTOMER CHANGES
9/3/04	2	RE-SUBMITTAL
10/12/04	3	RE-SUBMITTAL
1/11/05	B	AS MANUFACTURED

**BIG R**  
MANUFACTURING, LLC  
PO BOX 1290  
GREELEY, COLORADO  
PH: (970) 358 9600  
FAX: (970) 358 9601

DRAWN:	MDG
DATE:	1/1/04
CHECKED:	SFP
DATE:	1/8/04
APPROVED:	SFP

REV. 5

PROJECT NO. 24-775E

SHEET NO. B4

