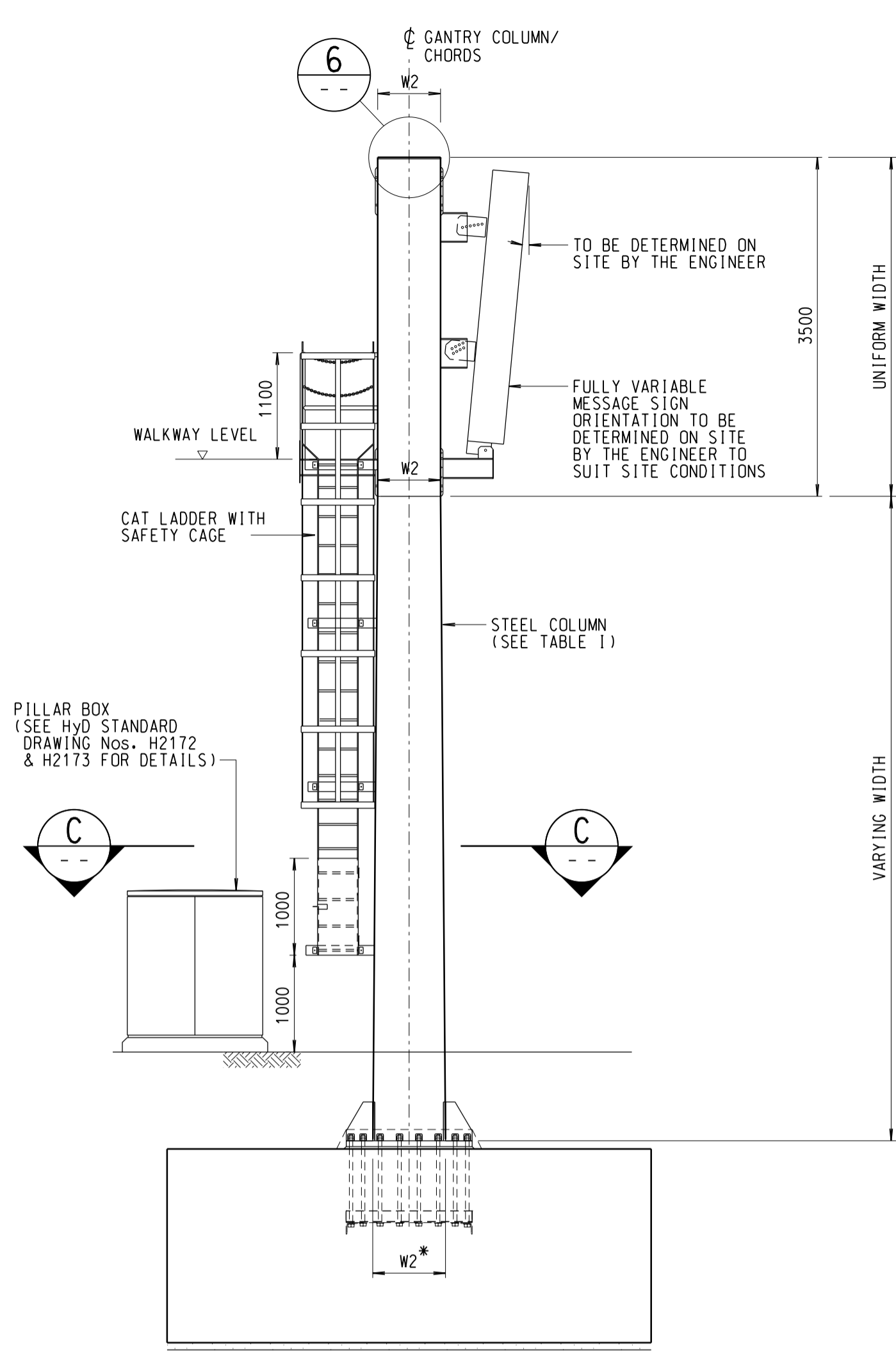
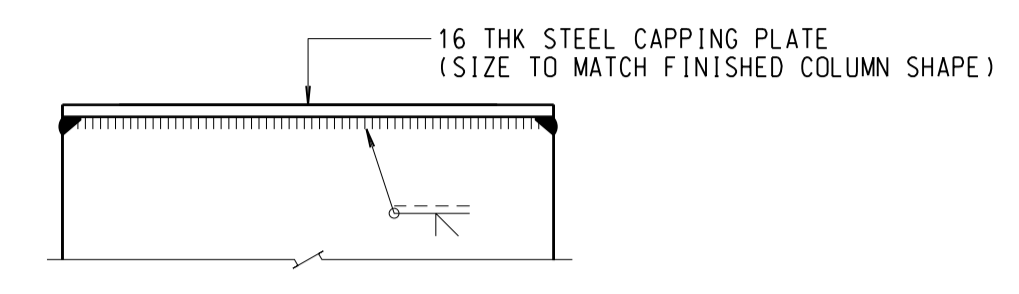


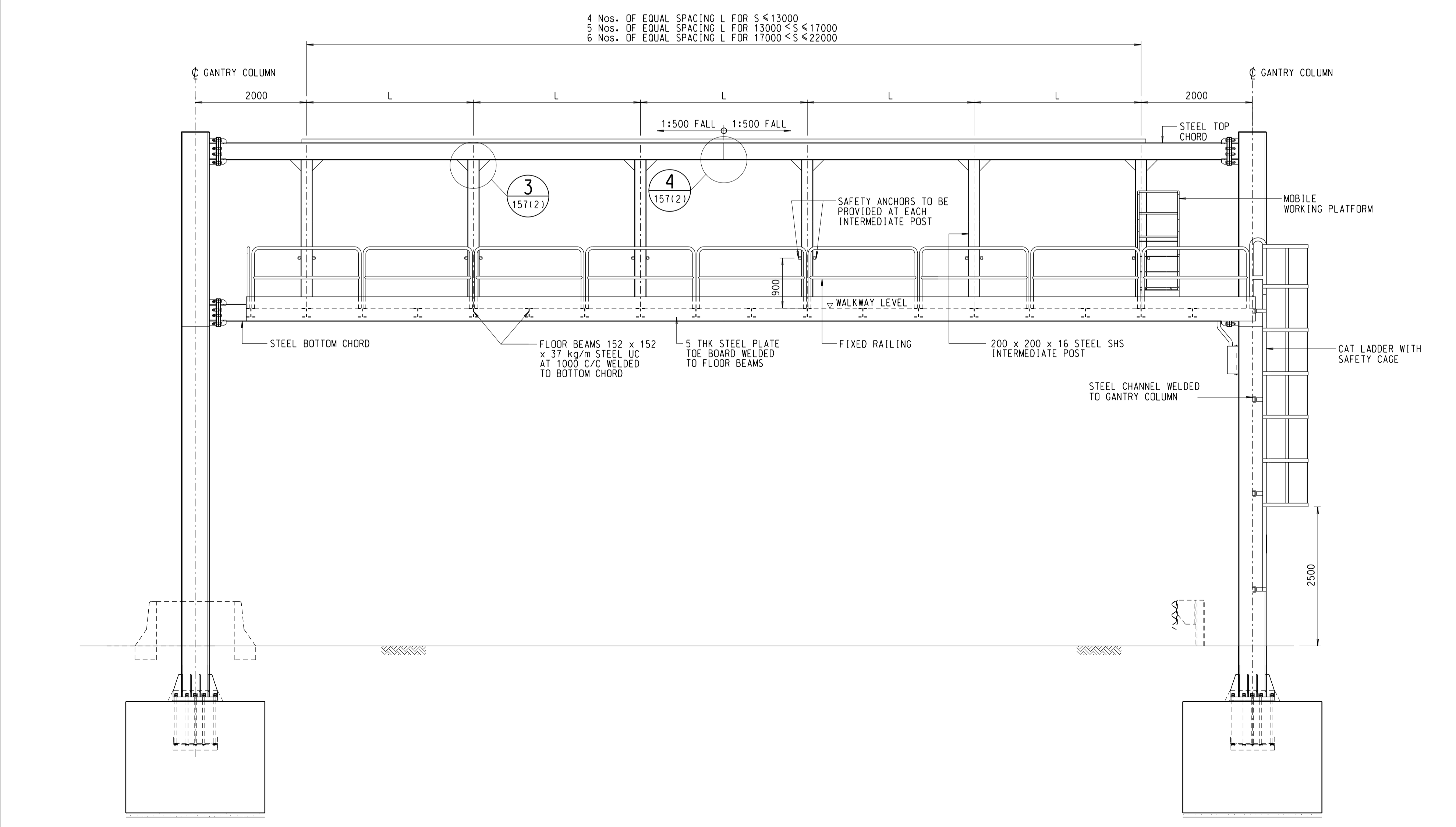
**FRONT ELEVATION**  
SCALE 1:50



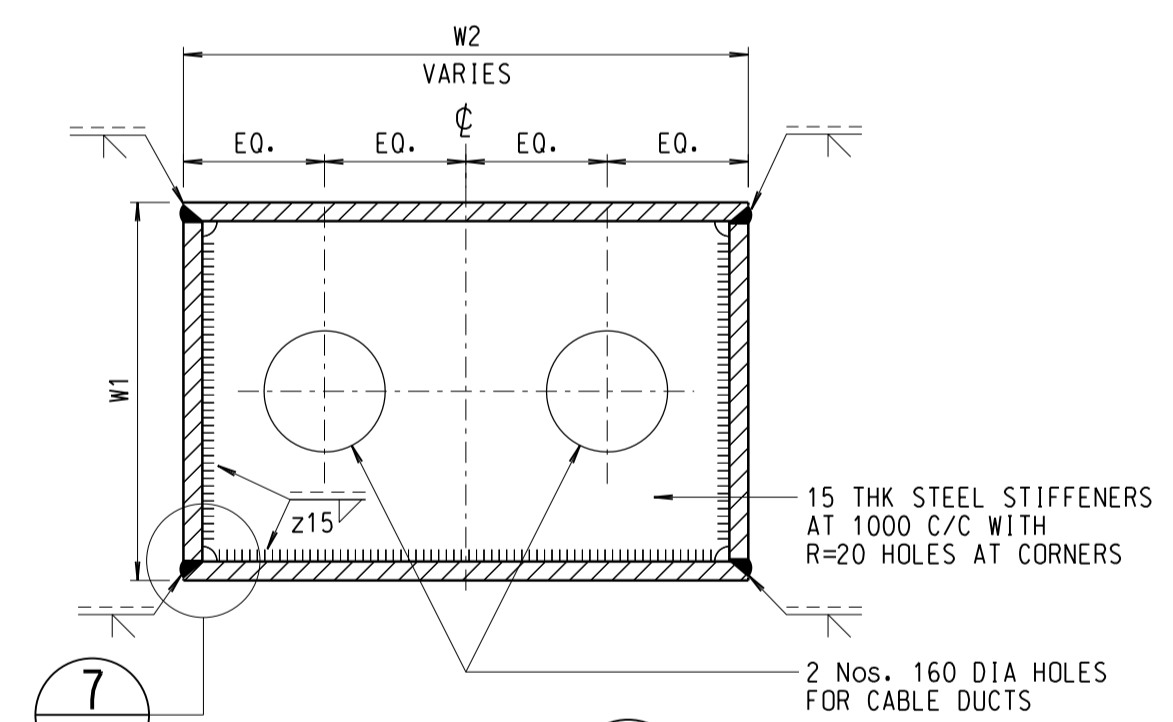
**ELEVATION** A  
SCALE 1:50



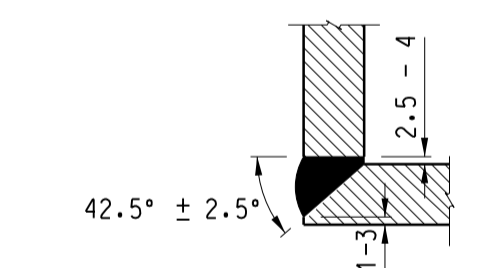
**DETAIL** 6  
SCALE 1:10



**REAR ELEVATION**  
SCALE 1:50



**SECTION** C  
SCALE 1:10  
(CAT LADDER NOT SHOWN FOR CLARITY)



**TYPICAL DETAIL OF SAFETY ANCHOR**  
SCALE 1:2

**TABLE 1 - GANTRY FRAME SCHEDULE**

GANTRY SPAN (S) (mm)	COLUMN		TOP & BOTTOM CHORD MEMBER (W3 x W4 x THK)
	TOP (W1 x W2 x THK)	BOTTOM (W1 x W2 x THK)	
S ≤ 13000	500 x 500 x 25	500 x 600 x 25	450 x 250 x 16 RHS
13000 < S ≤ 17000	500 x 600 x 25	500 x 700 x 25	450 x 250 x 16 RHS
17000 < S ≤ 22000	500 x 650 x 25	500 x 750 x 25	500 x 300 x 16 RHS

- NOTES:
- FOR GENERAL NOTES AND ABBREVIATIONS, SEE HIGHWAYS DEPARTMENT STRUCTURES STANDARD DRAWING No. SSD156(1).
  - THE POSITION OF INTERMEDIATE POSTS CAN BE SHIFTED SIDEWAYS BY NOT MORE THAN 400mm TO FACILITATE THE MAINTENANCE OF FVMS. IN THIS CASE, THE CONTRACTOR SHALL SUBMIT THE PROPOSED ARRANGEMENT OF INTERMEDIATE POSTS TO THE ENGINEER FOR APPROVAL.
  - MOBILE WORKING PLATFORM INCLUDING THE STEEL GUIDING CHANNELS SHALL BE DESIGNED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. IT SHALL BE EASILY OPERATED BY ONE PERSON AND ABLE TO BE SECURELY FIXED IN POSITION WITH SAFETY LOCK OR RELEASED. SAFETY HARNESS SHALL BE PROVIDED FOR WORKERS TO ANCHOR TO THE MOBILE WORKING PLATFORM.

no.	date	description	initial
B	11/16	GENERAL REVISION	SIGNED C.P. WONG, E/P2-3 P.T. LEUNG, SE/P2
A	09/14	GENERAL REVISION OF DRAWING NOTES	SIGNED P.H. CHUNG, E/P2-1 SIGNED P.T. LEUNG, SE/P2

name	signature	date
designed	K. S. LAM	SIGNED 04/11
drawn	W. K. WOO	SIGNED 04/11
senior technical officer	Y. W. CHIN	SIGNED 08/11
project engineer	K. S. LAM	SIGNED 08/11
senior engineer	P. T. LEUNG	SIGNED 08/11
approved	SIGNED P. K. LEE Chief Highway Engineer	05/08/2011 date

contract no. STR 5/40/18  
project no.  
contract

drawing title  
**TRAFFIC CONTROL AND SURVEILLANCE SYSTEM SIGN GANTRY TYPE B FOR FULLY VARIABLE MESSAGE SIGN**  
(SHEET 1 OF 4)

drawing no. SSD157(1)-B  
scale AS SHOWN

office  
BRIDGES AND STRUCTURES DIVISION  
HONG KONG  
結 橋  
構 樑  
部 及  
政 署  
路 香  
政 港

