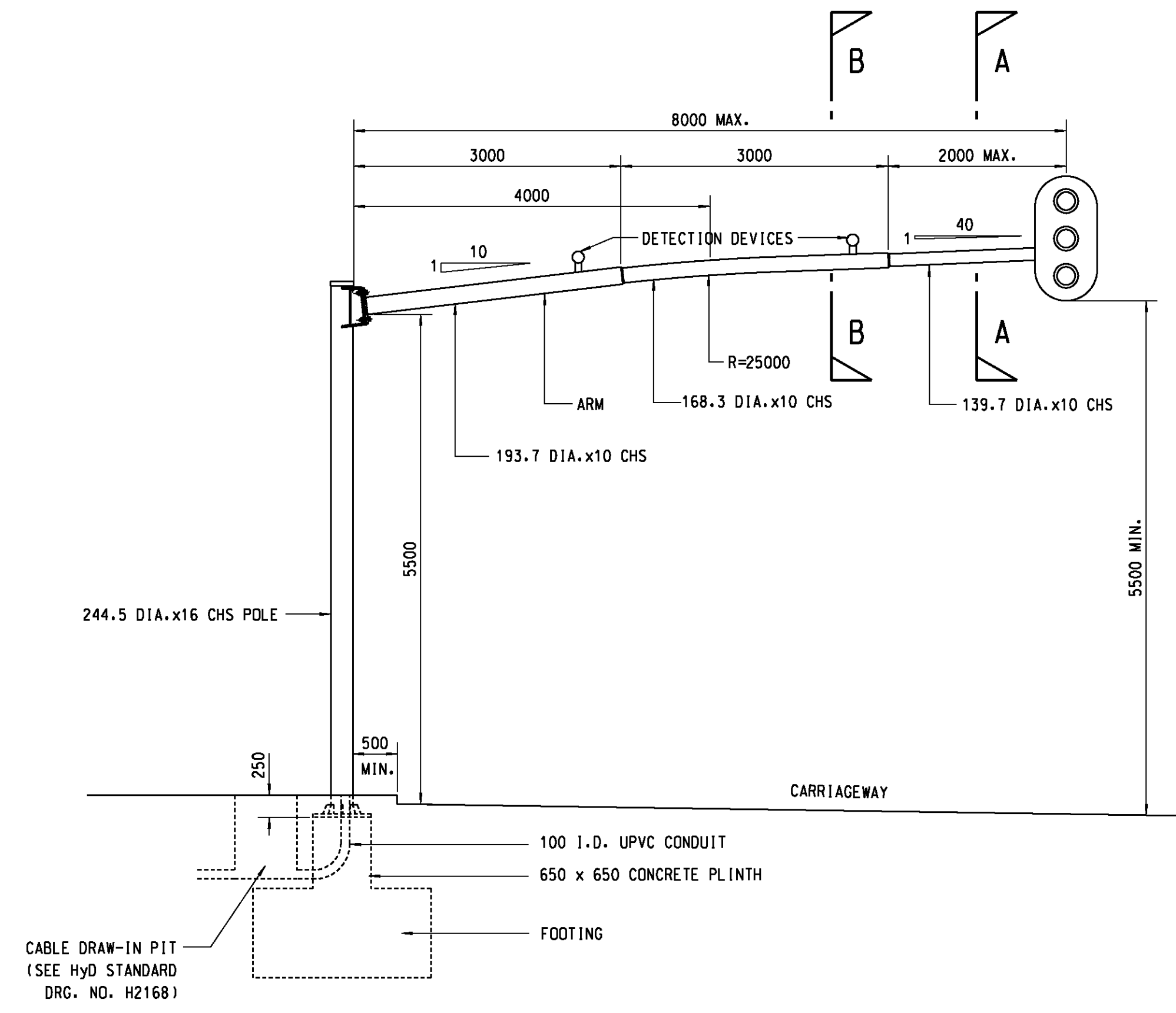
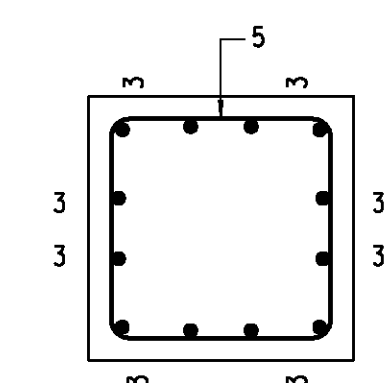
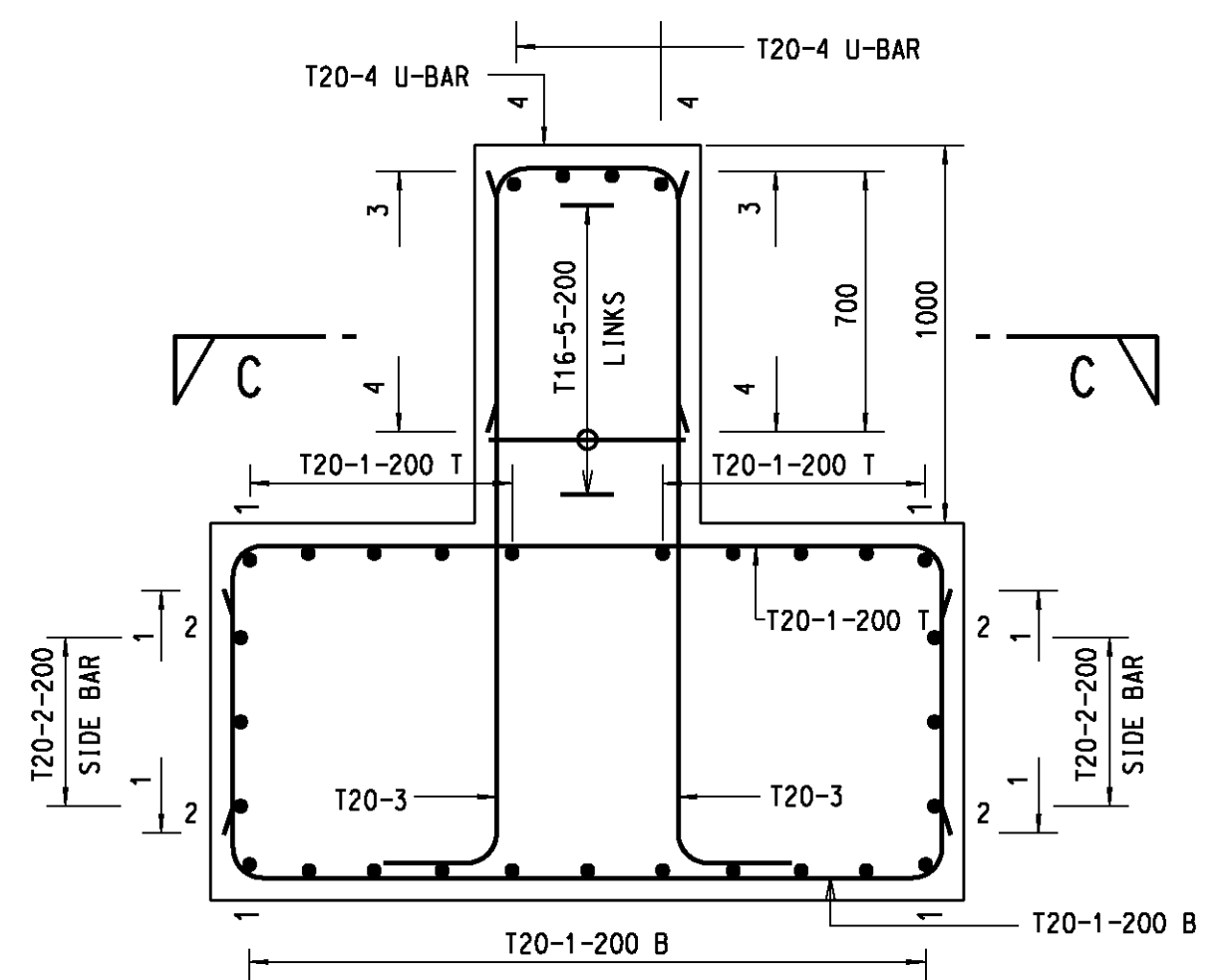
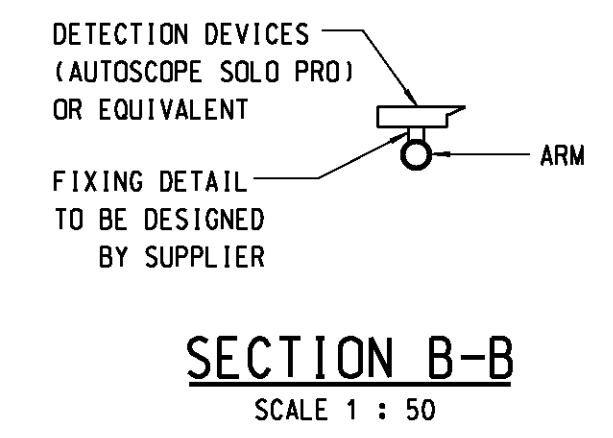
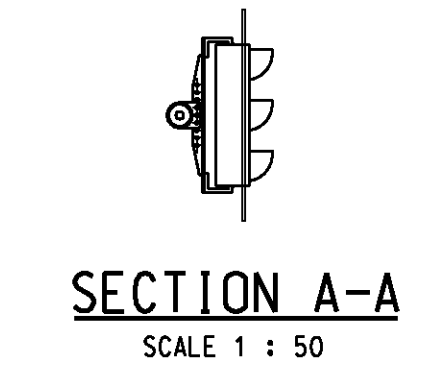


TYPICAL ELEVATION OF TYPE A OTLS
SCALE 1:50



TYPICAL ELEVATION OF TYPE B OTLS
SCALE 1:50



SCHEDULE OF OTLS MEMBER, CONNECTION & FOUNDATION

TYPE OF OTLS	TYPE A (MAX. 6m OUTREACH ARM)				TYPE B (MAX. 8m OUTREACH ARM)			
	3-HEAD (300 DIA.)		6-HEAD (300 DIA.)		3-HEAD (300 DIA.)		6-HEAD (300 DIA.)	
NO. OF LIGHTS	3-HEAD (300 DIA.)		6-HEAD (300 DIA.)		3-HEAD (300 DIA.)		6-HEAD (300 DIA.)	
MAX. BACKING BOARD SIZE (THXW)	NIL	1.6mx0.9m	NIL	1.6mx1.4m	NIL	1.6mx0.9m	NIL	1.6mx1.4m
POLE SIZE	244.5 DIA. x16 THK. CHS		323.9 DIA. x16 THK. CHS		244.5 DIA. x16 THK. CHS		323.9 DIA. x16 THK. CHS	
ARM SIZE	139.7 DIA. x10 THK. CHS 168.3 DIA. x10 THK. CHS		193.7 DIA. x10 THK. CHS 219.1 DIA. x10 THK. CHS		139.7 DIA. X 10 THK. CHS 168.3 DIA. X 10 THK. CHS 193.7 DIA. X 10 THK. CHS		168.3 DIA. x10 THK. CHS 193.7 DIA. x10 THK. CHS 219.1 DIA. x10 THK. CHS	
SPLICE PLATE OF ARM	380x280x20 THK.		380x330x20 THK.		380x280x20 THK.		380x330x20 THK.	
ARM/POLE BOLT CONNECTION	6xM24 A4-80 S.S. BOLT				6xM24 A4-80 S.S. BOLT			
POLE/FOUNDATION BOLT CONNECTION	8xM30 GRADE 8.8 BOLT				8xM30 GRADE 8.8 BOLT		8xM32 GRADE 8.8 BOLT	
BASE PLATE OF POLE	420 DIA. x40 THK.		500 DIA. x40 THK.		420 DIA. x40 THK.		500 DIA. x40 THK.	
FOUNDATION SIZE (LxWxD)	0.65mx0.65mx1.0m PLINTH 2.0mx2.0mx1.0m FOOTING		0.7mx0.7mx1.0m PLINTH 2.5mx2.5mx1.0m FOOTING		0.65mx0.65mx1.0m PLINTH 2.0mx2.0mx1.0m FOOTING		0.7mx0.7mx1.0m PLINTH 2.5mx2.5mx1.0m FOOTING	

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES.
 - THE WORKS SHALL COMPLY WITH THE GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS (1992 EDITION), UNLESS SPECIFIED OTHERWISE.
 - CONCRETE GRADES :
FOOTING AND PLINTH 30/20D
BLINDING (15 THK) 10/20
MIN. COVER TO REINFORCEMENT 45mm
 - REINFORCEMENT NOTATION:
T25-1-150
BAR SPACING
BAR MARK
BAR DIAMETER
BAR TYPE
T - DENOTES GRADE 460 HIGH YIELD DEFORMED BAR IN COMPLIANCE WITH CS2:1995
 - ALL STEEL HOLLOW SECTIONS SHALL BE HOT ROLLED SECTIONS, COLD FORMED, HEAT TREATED SECTIONS SHALL NOT BE ACCEPTED.
 - STEEL HOLLOW SECTIONS SHALL BE GRADE S355J2H TO BS EN10210-1. OTHER STEEL SECTIONS AND PLATES SHALL BE GRADE S355J2G4 TO BS EN10025.
 - STAINLESS STEEL BOLTS, NUTS AND WASHERS SHALL COMPLY WITH BS EN ISO 3506-1:1998 PART 1 AND 2, AND BE INSULATED FROM GALVANIZED MILD STEEL BY NYLON OR OTHER APPROVED NON-METALLIC WASHERS AND SLEEVES UNLESS INDICATED OTHERWISE.
 - THE DIAMETER OF A BOLT HOLE SHALL BE 2mm LARGER THAN THE NOMINAL DIAMETER OF THE BOLT, UNLESS SHOWN OTHERWISE.
 - HOLDING DOWN BOLTS SHALL BE BOLTED TO TEMPLATE DURING CASTING OF CONCRETE TO ENSURE ACCURATE BOLT SPACING AND SHALL BE INSTALLED NORMAL TO THE BASE PLATE.
 - HOLDING DOWN BOLTS SHALL BE GRADE 8.8 TO BS 3692 & BS 4933 AS APPROPRIATE. EACH BOLT SHALL BE COMPLETED WITH EITHER A LOCKING NUT OR SPRING WASHER.
 - WELDING AND WELDING SYMBOLS SHALL COMPLY WITH THE REQUIREMENTS OF BS EN1011 AND BS EN2553:1994. ELECTRODES SHALL BE IN ACCORDANCE WITH BS EN499.

A	04/06	NOTE 18 ADDED	SIGNED E.W. WONG, E/P1-1
			SIGNED A. YUEN, SE/P1
no.	date	description	Initial
REVISION			
designed	T. CHUNG	SIGNED	JUN 02
drawn	K. L. HO	SIGNED	JUN 02
senior technical officer	H. T. TANG	SIGNED	JUN 02
project engineer	T. CHUNG	SIGNED	JUN 02
senior engineer	W. C. LAU	SIGNED	JUN 02
approved	SIGNED P.C. WONG Chief Highway Engineer		12 JUN 02 date
contract no.			
file no.			
project no.			
contract			
drawing title	OVERHEAD TRAFFIC LIGHT SIGNAL (SHEET 1 OF 2)		
drawing no.	SSD154(1)A	scale	AS SHOWN
office	STRUCTURES DIVISION		
		HIGHWAYS 路 DEPARTMENT 政 HONG KONG 署	