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26 September 2003

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To Whom It May Concern:

STANDARD DETAILS OF ROAD ELEMENTS – REVISION TO SUPPORT FOR DIRECTIONAL AND INFORMATION SIGNS and PC. C DROP-INLET CHAMBER

We would like to inform you that the Details on the Support for Directional and Information Signs have been revised as shown in drawing LTA/RD/SD99/SUP/1A, 2A & 3A.

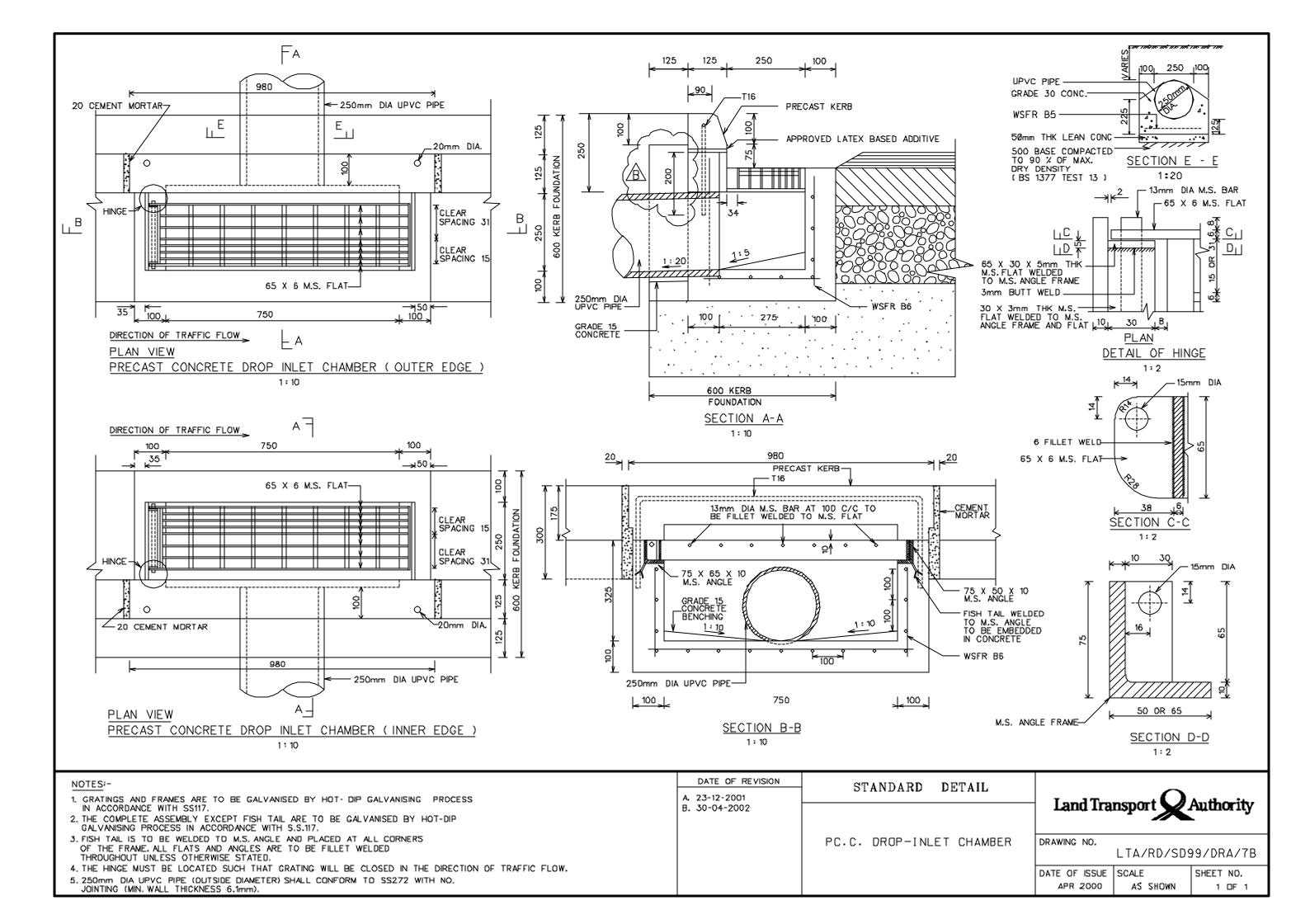
The length of the dowel bar in the PC. C. Drop-Inlet Chamber has also been revised as shown in the Drawing LTA/RD/SD99/DRA/7B.

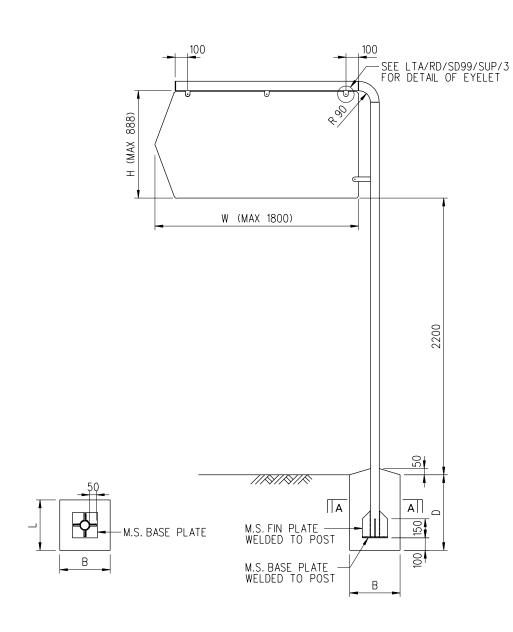
The documents are available at this website: - http://www.corenet.gov.sg/einfo.

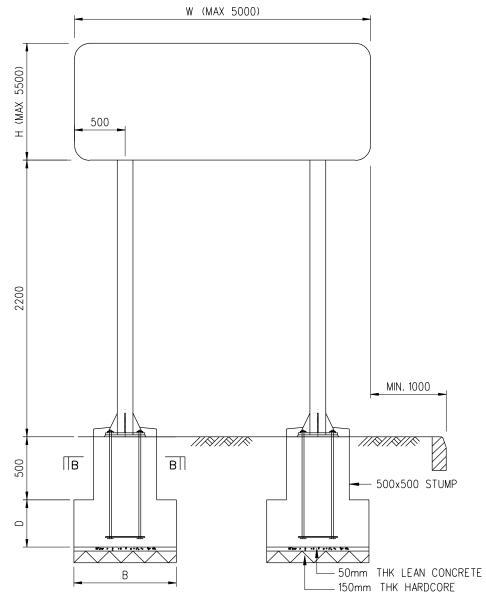
NEO BIAN HONG

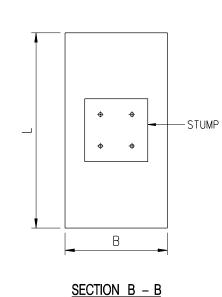
MANAGER

DESIGN DEVELOPMENT DEPARTMENT









SECTION A - A

SUPPORT TYPE A

SUPPORT TYPE B, C & D

DETAILS FOR TYPE OF SUPPORT (SEE LTA/RD/SD99/SUP/2 & 3 FOR DETAILS)

SUPPORT TYPE	MAX AREA OF SIGNBOARD	POST SIZES	FOOTING SIZES			BASE PLATE SIZES	DIAMETER OF HD BOLTS	BOLT ANCHORAGE	FIN PLATE SIZES
	AREA, (m2) = W x H	SHS (mm)	L (mm)	B (mm)	D (mm)	L x B x thk. (mm)	(GRADE 8.8) FOR BASE PLATES (mm)	LENGTH (mm)	(mm)
A	AREA ≤ 1.6	⊘75 G.I. PIPE 3.2mm THK	400	400	600	200 x 200 x 10	-	-	150 x 50 x 8
В	1.6 < AREA < 10	100 x 100 x 6	1650	800	300	250 x 250 x 12.5	16	600	100 x 75 x 10
С	10 < AREA ≤ 20	120 x 120 x 8	2300	800	400	300 x 300 x 15	20	650	150 x 75 x 12.5
D	20 < AREA < 27.5	150 x 150 x 6	2600	800	500	350 x 350 x 15	24	700	200 x 75 x 15

NOTES :

1. CONCRETE GRADE 30; MIN. COVER TO ALL REINFORCEMENT = 35mm; MIN. SOIL BEARING CAPACITY = 75 kPa; YIELD STRENGTH OF GALVANISED IRON PIPES >> 210MPa

- 2. FABRICATION AND ERECTION OF STEEL STRUCTURE SHALL BE IN ACCORDANCE WITH B.S. 5950 PART 1:2000
- 3. ALL STRUCTURAL STEEL SECTIONS SHALL BE IN ACCORDANCE WITH B.S. 7613, BS 7668, BS EN 10029, BS EN 10113(pt 1-3), BS EN 10155, B.S. EN 10210-1
- 4. ALL STEEL MEMBERS ARE TO BE CLEANED IN FACTORY BEFORE ONE COAT EPOXY BASED PRIMER AND TWO COATS OF EPOXY PAINT OF APPROVED COLOR (INTERNATIONAL PAINT INTERGARD EAA001/EAA002 OR EQUIVALENT) ARE APPLIED.
- 5. ALL BOLTS STRENGTH GRADE USED ARE AS SPECIFIED IN BS 4190 GRADE 8.8 UNLESS NOTED OTHERWISE.
- 6. ALL WELDING SHALL BE 6mm CONTINUOUS FILLET WELD.

REVISIONS

A JUN 2003

STANDARD DETAIL

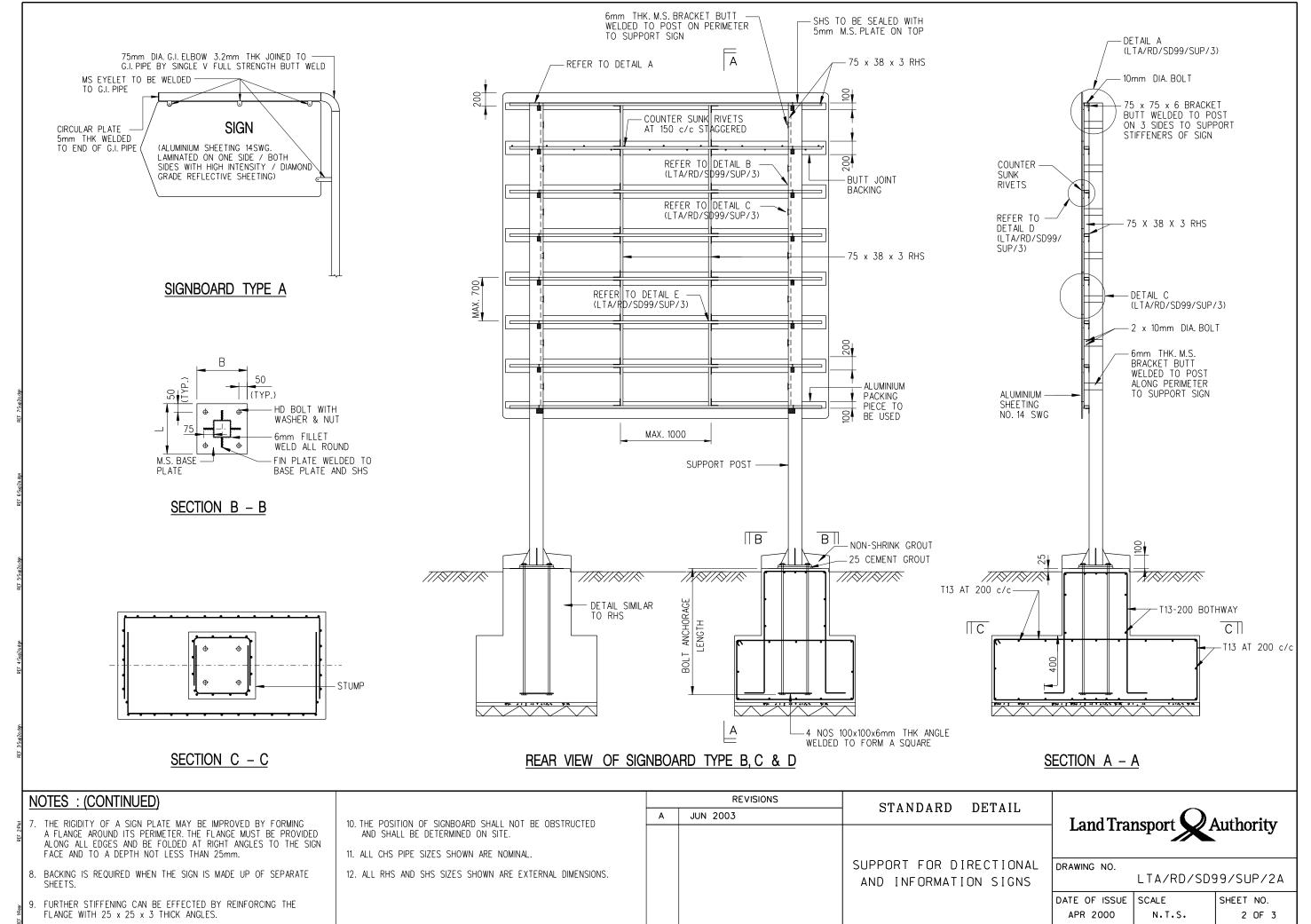
SUPPORT FOR DIRECTIONAL AND INFORMATION SIGNS

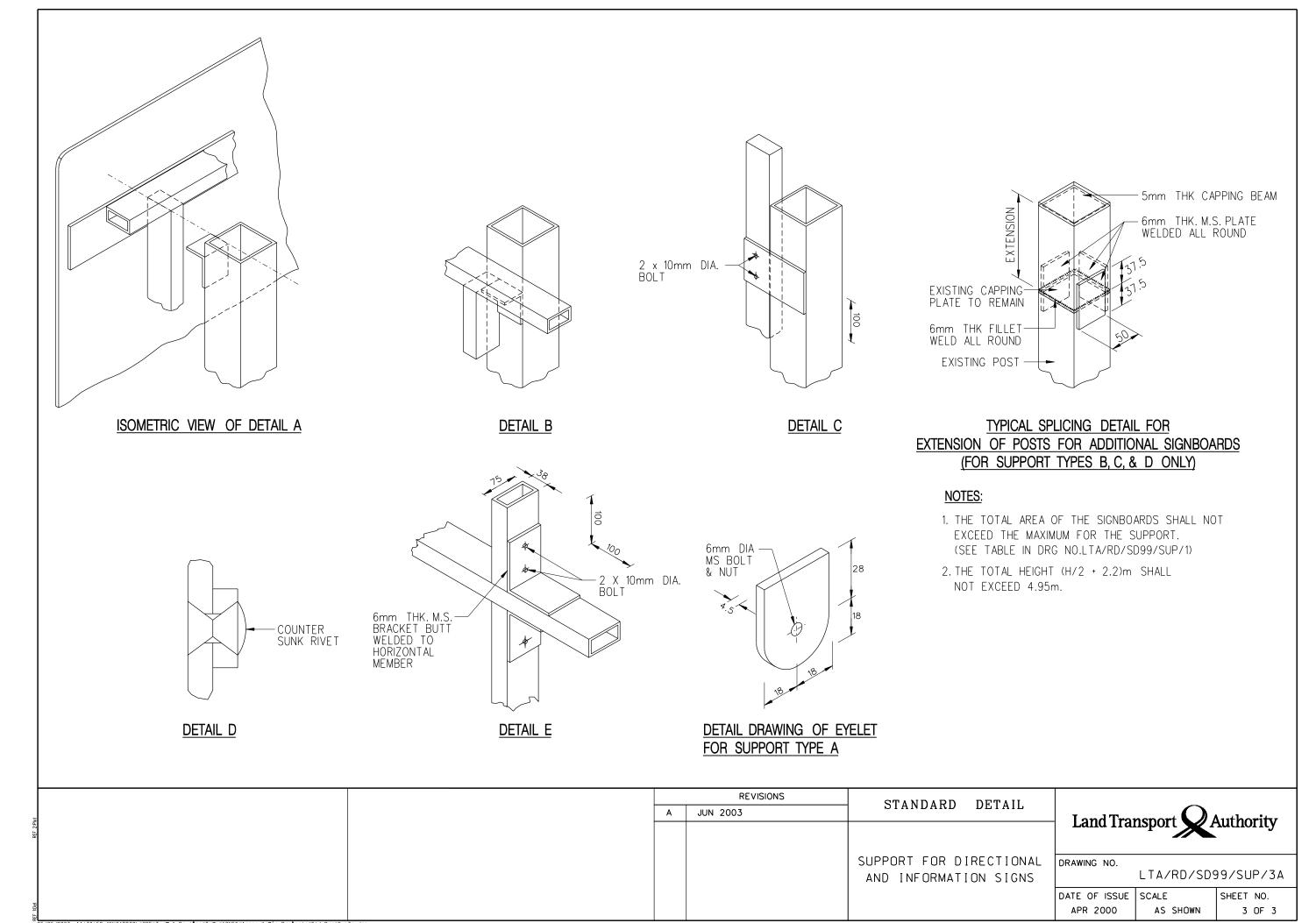
Land Transport Authority

DRAWING NO.
LTA/RD/SD99/SUP/1A

DATE OF ISSUE SCALE SHEET NO.
APR 2000 AS SHOWN 1 OF 3

25/06/2003 11:37:01 sM*CADDCCL*CDE*Team 1_Pauline*Temp*AGNES*Agnes Kam's Projects*Std Drg*Sup1a.dgn





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