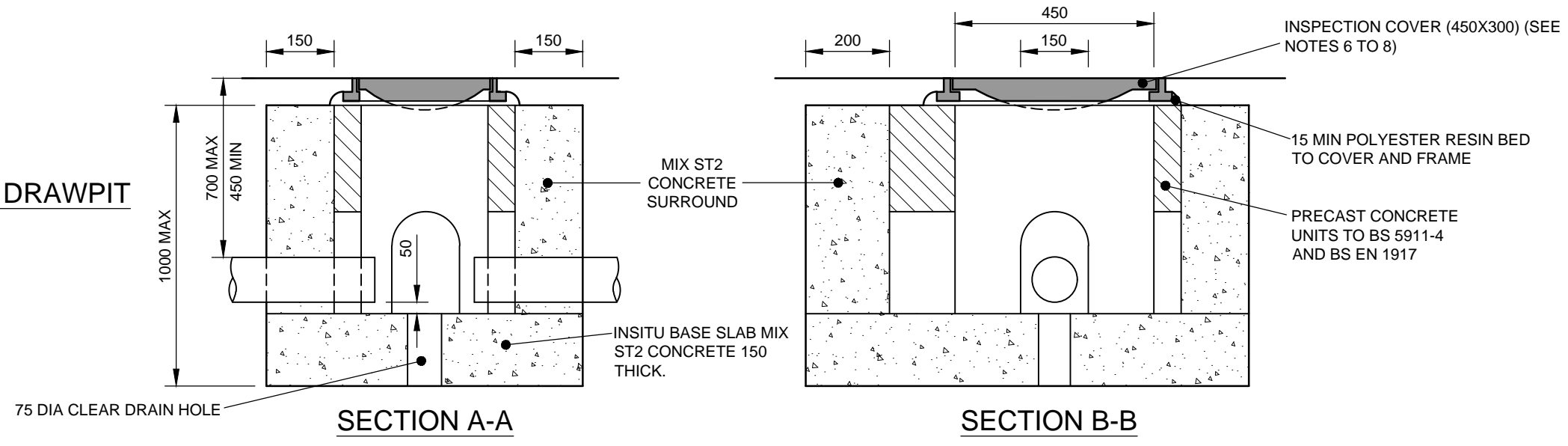
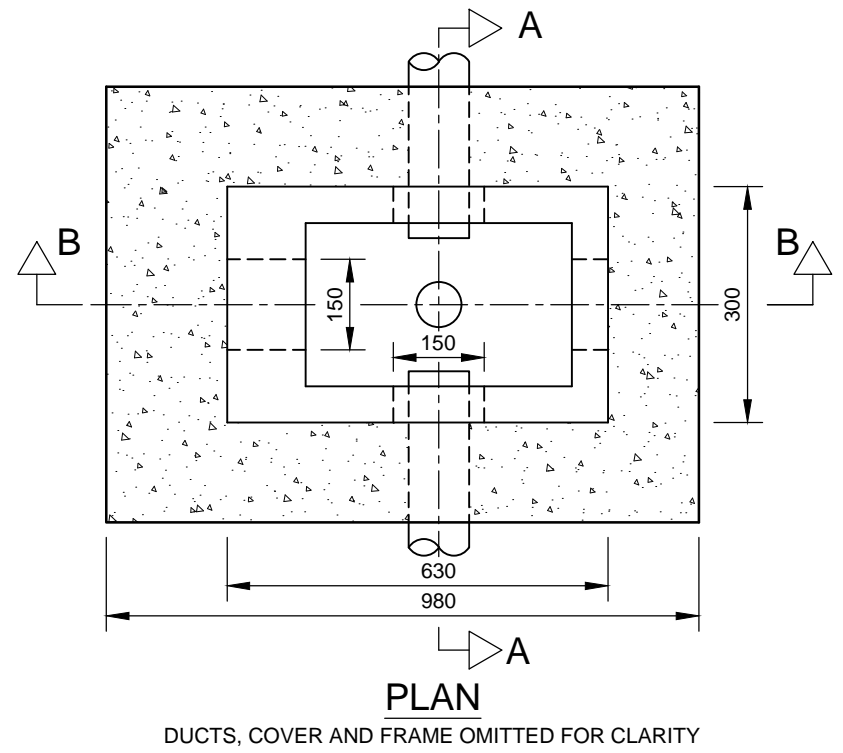
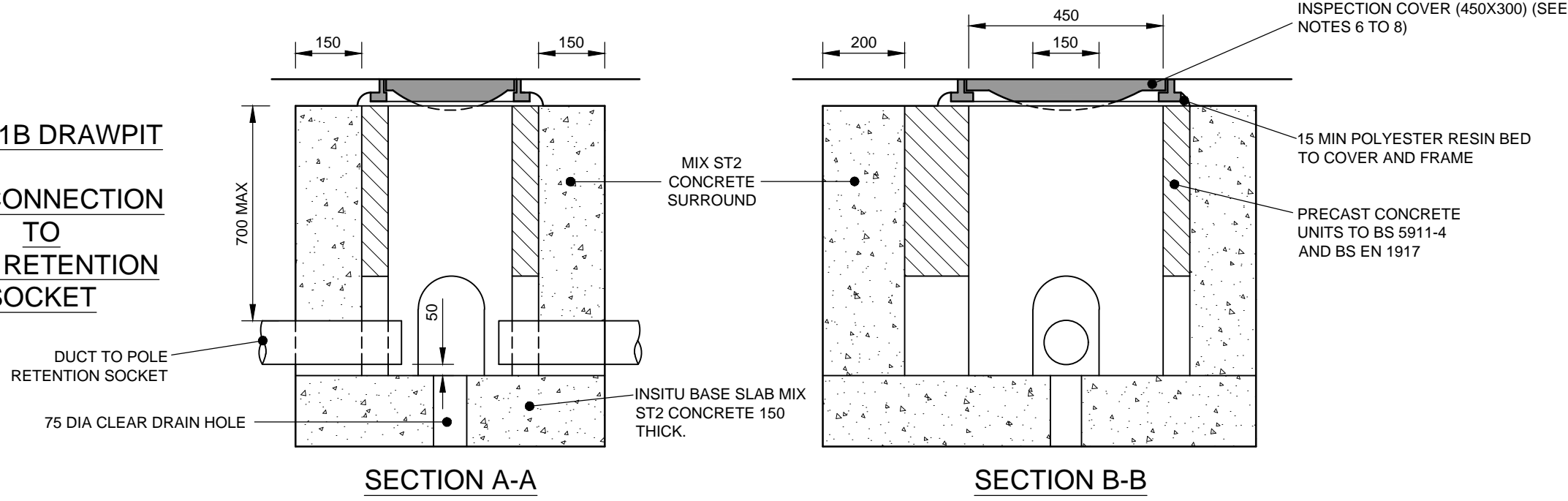


TYPE 1A DRAWPIT



**TYPE 1B DRAWPIT
FOR CONNECTION
TO
POLE RETENTION
SOCKET**



PLASTIC UNIT ALTERNATIVE:

AS AN ALTERNATIVE TO THE PRECAST CONCRETE UNITS ILLUSTRATED, THE CONTRACTOR MAY CONSTRUCT DRAWPIT TYPE 1A OR 1B USING COMPLETE PLASTIC UNITS MANUFACTURED FROM RECYCLED POLYOLEFIN AND BEDDED ON AND SURROUNDED BY A MINIMUM 150 OF MIX ST4 CONCRETE. SUCH CHAMBERS SHALL BE CONSTRUCTED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND PARTICULAR CARE SHALL BE TAKEN TO AVOID MOVEMENT OR DISTORTION OF THE PLASTIC UNIT DURING THE PLACING AND COMPACTION OF THE CONCRETE SURROUND.

SUCH CHAMBERS CONSTRUCTED WITHIN 2500 OF THE EDGE OF THE CARRIAGEWAY SHALL BE FITTED WITH A COVER AND FRAME AS SPECIFIED FOR THE P.C.C. UNIT ABOVE.

ALL COVER FRAMES SHALL BE BEDDED ON A MINIMUM 15mm OF POLYESTER RESIN, SUPPORTED ON THE CONCRETE SURROUND AND NOT ON THE CHAMBER UNIT. CLEAR OPENING DIMENSIONS FOR THE COVERS SHALL BE AS SHOWN FOR P.C.C. UNITS.

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NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES.
- DUCTS SHALL BE ORANGE, HAVE AN INTERNALLY SMOOTH BORE AND BE LABELLED "TRAFFIC SIGNALS" AT MAXIMUM 1 METRE INTERVALS. THEY SHALL BE INSTALLED WITH DRAWCORDS.
- INSPECTION COVERS SHALL BE MARKED WITH ONE OF THE FOLLOWING:-
 - "TRAFFIC SIGNALS"
 - "TRAFFIC LIGHTS"
 - "SIGNALS"
 - "HCC SIGNALS"
 - "UTC"
 LETTER HEIGHT 40 TO 100. RECESSED AND INFILLED COVERS SHALL NOT BE USED.
- DUCTS AT DEPTH SHALL BE BROUGHT UP TO THE DRAWPIT USING A SINGLE EASY BEND OF MINIMUM 1 METRE RADIUS.
- AS AN ALTERNATIVE TO THE PRECAST CONCRETE UNITS ILLUSTRATED, THE CONTRACTOR MAY CONSTRUCT THE DRAW PIT USING A PLASTIC UNIT, ALL AS DESCRIBED IN THE NOTE OPPOSITE.
- INSPECTION COVER (450 X 300) SHALL BE TO BS EN 124:2015 D400 - GROUP 4 AND HA 104/09. SEE APPENDIX 5/1 FOR FURTHER REQUIREMENTS.
- WHERE THE DRAWPIT IS LOCATED BEHIND A VEHICULAR OR PEDESTRIAN RESTRAINT, OR IN CLOSE PROXIMITY TO A LIGHTING COLUMN OR SIGNAL POLE, A COVER AND FRAME TO BS EN 124:2015 C250 - GROUP 3 MAY BE USED.
- COVERS SHALL NOT INCLUDE SCREWS, FIXINGS OR SCREW HOLES.
- TYPE 1B DRAWPIT USED TO CONNECT TO POLE RETENTION SOCKET (SEE DRAWING HCC11/T/045).
- ORIENTATION AND NUMBER OF DUCTS MAY VARY ACCORDING TO THE SCHEME DRAWINGS.
- THE MAXIMUM DRAWPIT DEPTH SHALL NOT EXCEED 1000 TO THE UNDERSIDE OF THE CONCRETE SLAB.

B	COPYRIGHT AMENDED AND NEW DIRECTORATE DETAILED.	06.02.2023	AM	JM	ARG
A	BRANDING UPDATED.	22.07.2022	CLT	JM	ARG
REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT




TIM LAWTON BEng CEng FICE FCIHT : ASSISTANT DIRECTOR OF UNIVERSAL SERVICES

STANDARD DETAILS

**TRAFFIC SIGNAL
DRAWPIT TYPE 1A AND 1B**

DESIGNER	CHECKED	SCALE @ A3
RB	JM JM	N.T.S
CAD	APPROVED	DATE
RB	ARG ARG	March 2020
DRAWING NUMBER	REV	
HCC11/T/010	B	