



PLASTIC UNIT ALTERNATIVE:

AS AN ALTERNATIVE TO THE PRECAST CONCRETE UNITS ILLUSTRATED THE CONTRACTOR MAY CONSTRUCT DRAWPIT TYPE 2 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 MANUFACTURERS 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.

THE CLEAR OPENING SHALL BE AS REQUIRED FOR THE P.C.C. CHAMBER CONSTRUCTION.

ALL CHAMBERS CONSTRUCTED WITHIN 2500 OF THE EDGE OF THE CARRIAGEWAY SHALL BE FITTED WITH A COVER AND FRAME AS SPECIFIED IN NOTE 5.

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- PRIVATE CABLE DUCTS SHALL BE ORANGE, HAVE AN INTERNALLY SMOOTH BORE AND LABELLED "STREET LIGHTING" AT MAXIMUM 1 METRE INTERVALS AND INSTALLED WITH DRAWCORDS.
- DUCTS AT DEPTH SHALL BE BROUGHT UP TO THE DRAWPIT USING A SINGLE EASY BEND OF MINIMUM 1 METRE RADIUS.
- DEPTH OF DRAWPIT SHALL BE DICTATED BY DEPTH OF THE DEEPEST DUCT ENTERING THE DRAWPIT. (COVER TO CARRIAGEWAY DUCTS SHALL BE 600 MIN., COVER TO VERGE DUCTS SHALL BE 450 MIN.) WHERE THE NUMBER OF DUCTS SPECIFIED CANNOT BE ARRANGED AT ONE DEPTH, THE DEPTH OF THE DRAWPIT SHALL BE INCREASED SUCH THAT THE VERTICAL CLEARANCE BETWEEN THE DUCT LAYERS IS 100 MIN.
- INSPECTION COVER (600 X 450) SHALL BE TO BS EN 124 2015 D 400-GROUP 4 AND HA104/09. IF PROTECTED BY A SAFETY BARRIER, GUARD RAILING OR KERBS MIN. CLASS C250 COVERS AND FRAMES SHALL BE USED. COVERS SHALL NOT INCLUDE SCREWS, FIXINGS OR SCREW HOLES.
- INSPECTION COVERS SHALL BE MARKED "STREET LIGHTING". LETTER HEIGHT 40 TO 100. RECESSED AND INFILLED COVERS SHALL NOT BE USED.
- ALL COVER FRAMES SHALL BE BEDDED ON A MINIMUM 15 THICK POLYESTER RESIN SUPPORTED ON THE CONCRETE SURROUND AND NOT ON THE CHAMBER UNIT.
- 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 NOTES OPPOSITE.
- ALL CEMENT USED IN INSITU CONCRETE SHALL BE CII(A OR B)-S OR CIII A OR B TO BS 8500-2, TABLE 1 AND ANNEX A.

A	DETAILS UPDATED AND TITLE AMENDED	JUNE 18	JA	PS	
REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT

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SCHEME

STANDARD DETAILS

DRAWING TITLE

**STREET LIGHTING
PRIVATE NETWORK
DRAWPIT TYPE 2**

HCC CADplot: 22.Aug.2018 at 11:40am					
DRAWN	WW	CHECKED	IH, IH	SCALE @ A3	N.T.S
CAD	WW	APPROVED	CP, CP	DATE	July 2015
DRG No.	HCC10/L/075			REVISION	A

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