SIDE VIEW

NOTES

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. POSITION OF THE DRAW PIT IS INDICATIVE ONLY. BEST POSITION OF DRAW PIT SHALL BE DETERMINED ON SITE.
3. STANDARD DETAIL DRAWING SHALL BE READ IN CONJUNCTION WITH STANDARD DETAILS ESD6/53 AND ESD6/54.
4. SERVICE DUCT CHAMBER CONSTRUCTION SHALL BE OF 155mm INTERLOCKING POLYPROPLENE PRE-FORMED TWIN WALLED SECTIONS AND COMPLY WITH RELEVANT SECTIONS OF THE 'SPECIFICATION FOR HIGHWAY WORKS' AND BE CAPABLE OF WITHSTANDING A VERTICAL LOAD OF 40 TONNES
5. CHAMBER MUST BE ALIGNED WITH THE CLOSEST STRUCTURE. (I.E: WALL, KERB, PILLAR)
6. THE CHAMBER COVER SHALL BE COMPOSITE GRADE B125 TO BS EN 124 WHEN INSTALLED IN FOOTPATH / GRASS VERGE.
7. THE FRAME SHALL BE 90mm DEPTH AND MANUFACTURED FROM 5mm STEEL, GALVANISED TO EN1461.DUCTS CAN ENTER THE CHAMBER AT ANY ANGLE.
8. SPARE DUCTS ARE TO BE INSTALLED, AND CAPPED, THROUGH CHAMBER WALL AND CONCRETED AS AGREED WITH THE ENGINEER, MINIMUM OF ONE EACH SIDE.
9. THE TYPE, CONSTRUCTION AND LOCATION OF ALL CHAMBERS SHALL BE AGREED WITH THE ENGINEER BEFORE INSTALLATION.
10. THE WORDS 'STREET LIGHTING; SHALL BE EMBOSSED ON THE COVER DURING MANUFACTURE.
11. DUCTS SHALL BE OF A THICK WALLED MEDIUM TO HIGH DENSITY POLYETHYLENE, **ORANGE** IN COLOUR WITH THE WORDS **'STREET LIGHTING'** PRINTED AT REGULAR INTERVALS NO NOT LORE THAN 1.0m, IN 6.0mm - 9.0mm HIGH LETTERING THROUGHOUT ITS LENGTH. WHEN LAID THE WORDING SHALL BE UPPERMOST.
12. 100mm DUCTS SHALL BE 5mm THICK, SMOOTH WALL WITH SMOOTH-BORE COMPLETE WITH INTEGRAL COUPLINGS. 50mm DUCTS SHALL BE 3.5mm THICK, FLEXIBLE CORRUGATED EXTERNALLY AND BE TWIN WALLED WITH INTERNAL SMOOTH-BORE (FOR ENTRY INTO STREET FURNITURE).
13. DUCTS TO BE LAID ON STRAIGHT GRADE TO ENSURE FREE DRAINAGE.
14. A YELLOW, SELF-COLOURED PVC OR POLYTHENE PLASTIC TAPE FOR CABLE MARKING, NOT LESS THAN 0.1mm THICK AND 150mm WIDE WITH THE WORDING **'STREET LIGHTING CABLES BELOW'** PRINTED ALONG THE FULL LENGTH SO AS TO OCCUPY NOT LESS THAN 75% OF ITS AVAILABLE LENGTH AND OCCURRING AT 1.0m INTERVALS, SHALL BE LAID APPROXIMATELY 150mm ABOVE THE DUCT. WHERE SEVERAL DUCTS ARE LAID IN ONE TRENCH, ONLY ONE MARKER TAPE IS REQUIRED.DUCTS SHOULD BE LAID IN A MANNER SUITABLE TO PROTECT THEM FROM DAMAGE BY CONSTRUCTION TRAFFIC.
15. ALL DUCTS SHALL BE SEALED UNTIL THE CABLES ARE DRAWN IN AND RESEALED FOLLOWING INSTALLATION OF CABLING. A 'SPARE' DRAW CORD SHALL BE INSTALLED IN ALL DUCTS.

PLAN VIEW

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Standard Detail File Ref: 05793.58		Drawn RPF	Date 10/16
Title	DRAW PIT AND DUCTED SYSTEM ADJACENT LIGHTING COLUMN / BROAD BASED POST	Ch'kd AB	Date 10/16
		Auth	Traced RPF
Drawing No.	ESD6/58	Rev A	Scale NOT TO SCALE