

## LONGITUDINAL SECTION:

## SERVICE UNDER CROSSING 1400mm DEPTH - 200mm DUCTING BELOW IN FLAT FORMATION SCALE 1:25

ALL PRODUCTS AND MATERIALS TO BE UTILISED DURING CONSTRUCTION TO COMPLY WITH EIRGRID FUNCTIONAL

SPECIFICATION, ESBN STANDARDS. TII SPECIFICATION FOR ROAD

300mm MINIMUM VERTICAL AND HORIZONTAL CLERANCES TO BE

SERVICES (e.g. GAS PIPES, WATER MAINS, CULVERTS etc.) IN THE

WORKS AND ALL RELEVANT IRISH (EUROPEAN) AND BRITISH

OBSERVED BETWEEN CABLE DUCTS AND THIRD PARTY

CLEARENCAS MAY BE REQUIRED. DESIGNER TO CONSULT

EIRGRID AND 3rd PARTY SERVICES OWNERS FOR GUIDANCE.

STEEL PLATES MUST COVER DUCTS. NO OVERLAP IS REQUIRED

HOWEVER STANDARD DIMENSIONS MAY RESULT IN AN OVERLAP, SPACING OF 10mm TO BE MAINTAINED BETWEEN STEEL PLATES

COMMUNICATION DUCTS IS 75mm (CABLE RATING CALCULATIONS

TEMPLATES ARE TO BE USED AT 5m INTERVALS DURING DUCT

MINIMUM SPACING BETWEEN POWER DUCTS TO BE CONFIRMED

WHERE AN EARTH CONTINUITY CONDUCTOR (ECC) IS REQUIRED.
A MIN 65mm DUCT TO BE INSTALLED OUTSIDE OF PHASE DUCT.

IF EXISTING SERVICE MARKER TAPE IS NOT PRESENT, THE ESBN

YELLOW MARKER TAPE SHOULD BE ISNTALLED AT MAXIMUM

INSTALLATION IN CBGM. PRE-MADE 75mm WIDE CONCRETE

SPACERS TO BE USED DURING DUCT INSTALLATION IN WET

CASE OF HIGH RISK 3rd PARTY SERVICES, GREATER

TO PREVENT THE TRANSFER OF STRAY CURRENT.

THE MINIMUM CLEARANCE BETWEEN ALL HV AND

HAND DIG WITHIN 500mm OF EXISTING SERVICE.

300mm BELOW FINISHED SURFACE LEVEL.

TO BE PROVIDED FOR ACCEPTANCE).

WITH RATING CALCULATION.

**STANDARDS** 

CONCRETE.

1650

## **EXISTING GROUND LEVEL** 2 X YELLOW MARKER WARNING TAPES 500 MM WIDE ESB CODE: 2955092 ' DUCT - 1400mm MIN. TO 3/MONEYPOINT FUTURE 3 LOCATIONS UGM-A, FORMERLY CL804 -COMPACTED IN LAYERS IN **ACCORDANCE WITH TABLE** 8/4 OF THE TII SPECIFICATION FOR **ROADWORKS SERIES 800.** 7x STEEL PLATES WITH RED DEPTH TO TOP OF HV DI ACCOMMODATE ESB/M CROSSING L MARKER STRIPS. 200MM WIDE X6MM THK. ESB CODE 3227173. STEEL PLATES TO BE INSTALLED ACROSS FULL WIDTH AND LENGTH OF TRENCH AS SHOWN WITH 10MM SPACING. **DUCTS SURROUNDED IN** RAPID HARDENING WET CONCRETE GRADE C25/30 12 MM DIAMETER PULL ROPES IN ALL DUCTS 75 125 75 125 75 125 75 <u> 200/</u>

## **SECTION A-A:**

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SERVICE UNDER CROSSING 1400mm DEPTH - 200mm DUCTING BELOW IN FLAT FORMATION SCALE 1:8

