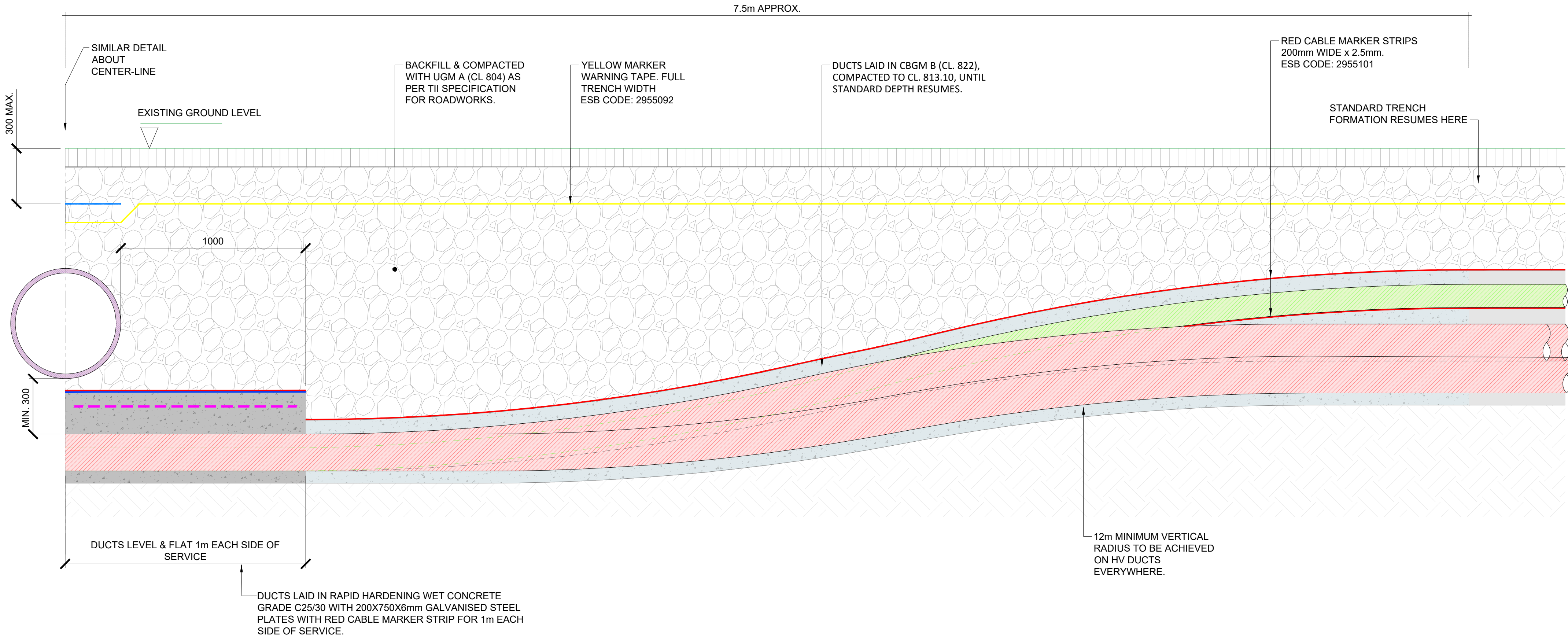
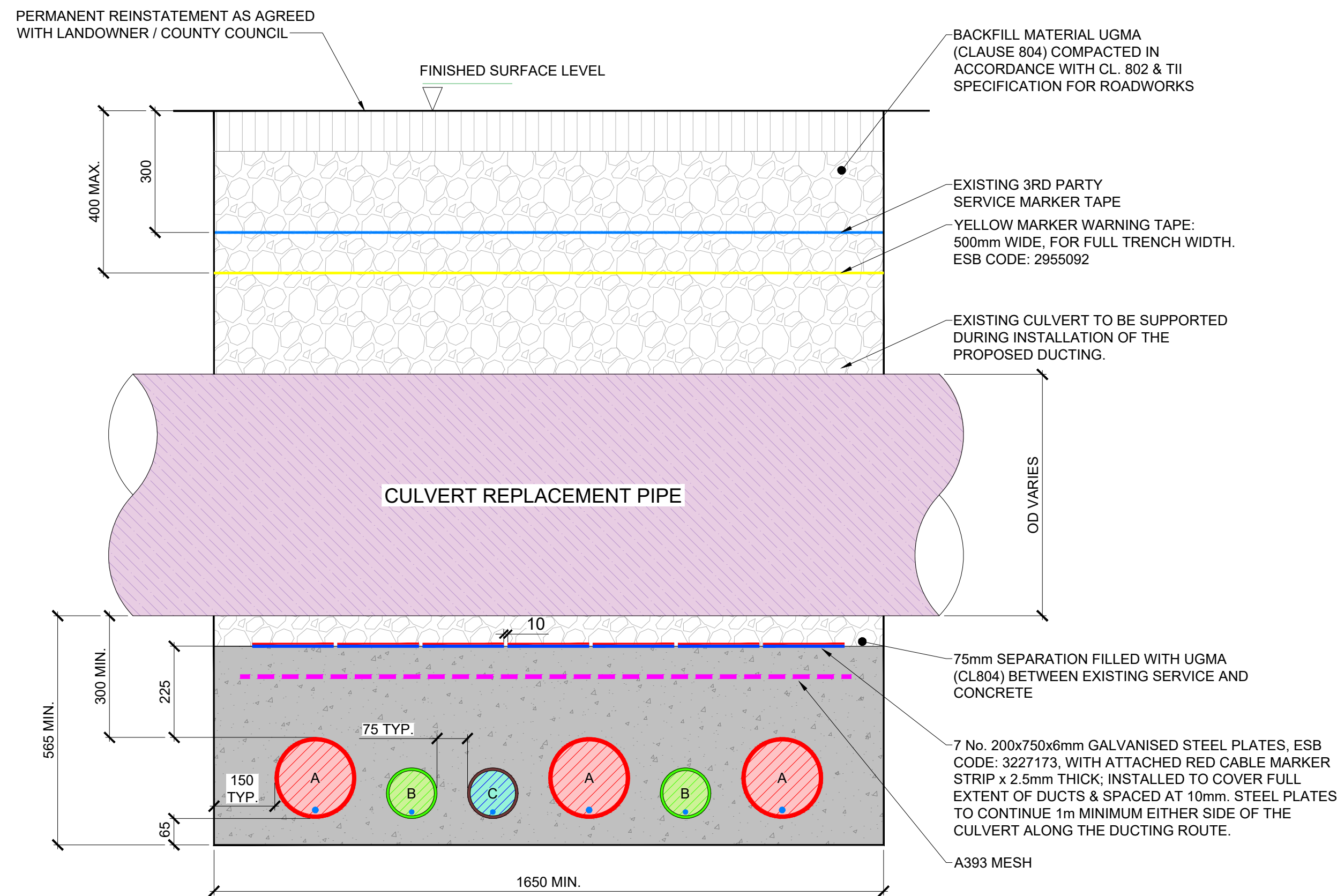


- NOTES:
1. ALL PRODUCTS AND MATERIALS TO BE UTILISED DURING CONSTRUCTION TO COMPLY WITH EIRGRID FUNCTIONAL SPECIFICATION, ESN STANDARDS, TII SPECIFICATION FOR ROAD WORKS AND ALL RELEVANT IRISH (EUROPEAN) AND BRITISH STANDARDS.
 2. 300mm MINIMUM VERTICAL AND HORIZONTAL CLEARANCES TO BE OBSERVED BETWEEN CABLE DUCTS AND THIRD PARTY SERVICES (e.g. GAS PIPES, WATER MAINS, CULVERTS, etc.) IN THE CASE OF HIGH RISK 3rd PARTY SERVICES, GREATER CLEARANCES MAY BE REQUIRED. DESIGNER TO CONSULT EIRGRID AND 3rd PARTY SERVICE OWNERS FOR GUIDANCE.
 3. 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 TO PREVENT THE TRANSFER OF STRAY CURRENT.
 4. THE MINIMUM CLEARANCE BETWEEN ALL HV AND COMMUNICATION DUCTS IS 75mm.
 5. TEMPLATES ARE TO BE USED AT 5m INTERVALS DURING DUCT INSTALLATION IN CBGM. PRE-MADE 75mm WIDE CONCRETE SPACERS TO BE USED DURING DUCT INSTALLATION IN WET CONCRETE.
 6. HAND DIG WITHIN 500mm OF EXISTING SERVICE.
 7. WHERE AN EARTH CONTINUITY CONDUCTOR (ECC) IS REQUIRED, A MIN 63mm DUCT TO BE INSTALLED OUTSIDE OF PHASE DUCT.
 8. IF EXISTING SERVICE MARKER TAPE IS NOT PRESENT, THE ESN YELLOW MARKER TAPE SHOULD BE INSTALLED AT MAXIMUM 300mm BELOW FINISHED SURFACE LEVEL.



VERTICAL PROFILE - CROSSING OVER EXISTING CULVERT / SERVICE

1: 15



A = 200mm OUTER DIAMETER HDPE - POWER DUCTS, ESB APPROVED WITH 12mm DIAMETER PULL ROPE, SDR = 17.6, ESB CODE: 9317590
B = 125mm OUTER DIAMETER HDPE - COMMUNICATIONS DUCT, ESB APPROVED WITH 12mm DIAMETER PULL ROPES, SDR = 17.6, ESB CODE: 9317552
C = 125mm OUTER DIAMETER HDPE - EARTH CONTINUITY CONDUCTOR DUCT, ESB APPROVED DUCT WITH 12mm DIAMETER PULL ROPES, SDR = 17.6, ESB CODE: 9317552

CROSS SECTION - REPLACEMENT OF DILAPIDATED CULVERT

1: 10



DILAPIDATED STONE CULVERTS ALONG THE ROUTE

1: 10

DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.
THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DESIGNERS SPECIFICATION.
© THIS DRAWING IS COPYRIGHT AND MAY ONLY BE REPRODUCED WITH THE DESIGNERS PERMISSION.

NOTES:

1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
2. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. DRAWINGS ARE NOT TO BE SCALED.
4. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.

REV	DATE	DESCRIPTION	BY	APP
01	28/11/24	ISSUED FOR PLANNING	PD	CM

PROJECT: SCERDE ROCKS OFFSHORE WIND FARM

TITLE: PROPOSED CABLE CROSSING UNDER EXISTING DILAPIDATED CULVERT DETAIL

CLIENT: FUINNEAMH SCEIRDE TEO

H&MV ENGINEERING High Voltage Specialists

MWP ENGINEERING AND ENVIRONMENTAL CONSULTANTS CORK | TRALEE | LONDON | LIMERICK mwp.ie

DRAWN: G.L.	CHECKED: M.M.	APPROVED: I.B.
PROJECT NUMBER: 24204	DATE: NOV. '24	SCALE @ A1: AS SHOWN
STATUS DESCRIPTION: FOR PLANNING		STATUS: S4
DRAWING NUMBER: IRE1 - HMV - ONC - EL - PD - 7002		REV: 01