GENERAL NOTES:

1. ALL WASTEWATER INFRASTRUCTURE DETAILS AND CONSTRUCTION TO BE IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS,(PART H) AND THE FOLLOWING IRISH WATER DOCUMENTATION:
   - IW-CDS-5030-01: STANDARD DETAILS
   - IW-CDS-5030-03: CODE OF PRACTICE
   -

2. PERMISSIBLE PIPE MATERIAL:
   2.1. CONCRETE:
   DIAMETER: SEWERS 225mm Ø AND ABOVE)
   JOINTS: SPIGOT AND SOCKET WITH RUBBER RING FITTINGS
   STRENGTH CLASS: 120 (CRUSHING LOADS TABLE 8 BS 5911-1)
   PIPE AND FITTINGS: SPIGOT AND SOCKET OR REBATED FORM.
   COMPLIANCE: IS EN 1916, BS5911-1 AND IS 6 OR EQUIVALENT STANDARD
   2.2. THERMOPLASTIC STRUCTURED WALL PIPES:
   DIAMETER: SEWERS 150mm - 450mm Ø, SERVICE CONNECTIONS: 100mm Ø
   STIFFNESS CLASS: 8kN/m²
   JETTING RESISTANCE: 2,600 PSI (180 BAR)
   COMPLIANCE: IS EN 13476
   2.3. UNPLASTICISED PVC;
   DIAMETER: SEWERS 150mm - 450mm Ø, SERVICE CONNECTIONS: 100mm Ø
   STIFFNESS CLASS: 8kN/m²
   JETTING RESISTANCE: 2,600 PSI (180 BAR)
   COMPLIANCE: IS EN 1401

3. DEPTH OF COVER:
   3.1. ROADWAYS: NOT LESS THAN 1.2m
   3.2. PUBLIC OPEN SPACE: NOT LESS THAN 0.9m
   3.3. PRIVATE AREAS WITH NO VEHICLE ACCESS: NOT LESS THAN 0.5m

4. ALL MAIN SEWERS WITH LESS THAN COVER AS STATED ABOVE UNDER ROADS TO BE SURROUNDED IN CONCRETE AS PER IRISH WATER STANDARD DETAILS

5. MANHOLE COVERS (IN ACCORDANCE WITH IS EN 124):
   5.1. ROADWAYS & PARKING BAYS (NO HGV ACCESS): CLASS D400
   5.2. PUBLIC FOOTPATHS CLASS B125

6. ALL ACCESS JUNCTIONS TO BE IN ACCORDANCE TABLE 11 OF PART H OF THE BUILDING REGULATIONS. THEY SHALL COMPLY WITH IS EN 13598-1 AND EN 7158 AND SUITABLE FOR 150mm ID PIPEWORK.

7. CE CERTIFICATION TO BE PROVIDED FOR ALL PRODUCTS COVERED BY THE EU CONSTRUCTION PRODUCTS REGULATION (NO.305/2011-CPR)

8. ALL MATERIALS PROPOSED FOR USE ON SITE TO BE APPROVED PRIOR TO ARRIVAL ON SITE

LEGEND:

SITE LAYOUT:

- PROPOSED FENCELINE
- PROPOSED BUILDING
- PROPOSED ASPHALT ROAD
- PROPOSED CONCRETE FOOTPATH
- PROPOSED GRAVEL AREA
- GULLY
- INSPECTION POINT
- KERB GULLY
- DISTRIBUTION BOX
- RODDING EYE
- LINEAR CHANNEL
- PETROL INTERCEPTOR
- OVERLAND FLOW
- SW MANHOLE
- INSPECTION CHAMBER
- ACCESS JUNCTION
- GRATED INSPECTION CHAMBER

SURFACE WATER:

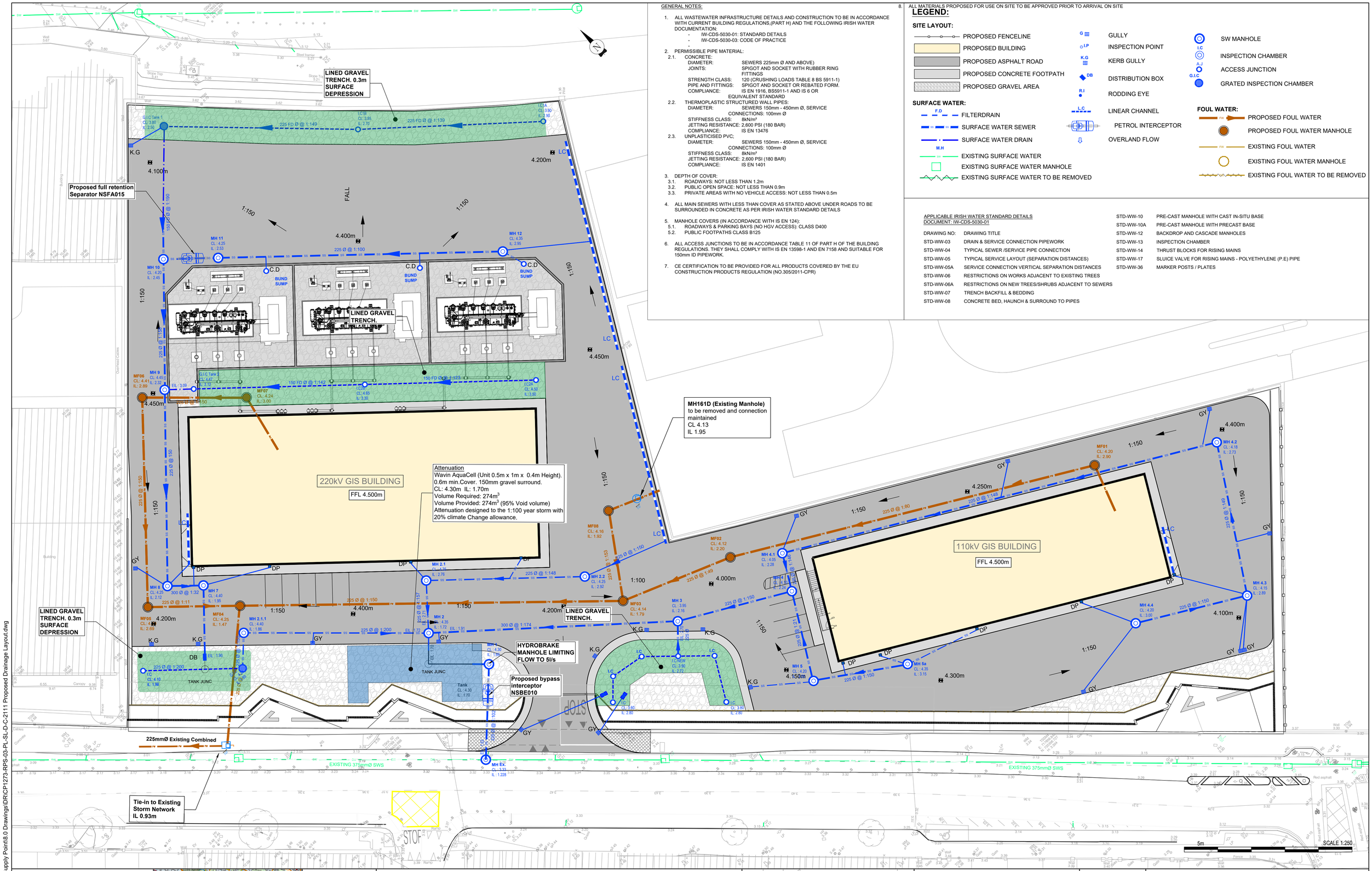
- FILTERDRAIN
- SURFACE WATER SEWER
- SURFACE WATER DRAIN
- EXISTING SURFACE WATER
- EXISTING SURFACE WATER MANHOLE
- EXISTING SURFACE WATER TO BE REMOVED

FOUL WATER:

- PROPOSED FOUL WATER
- PROPOSED FOUL WATER MANHOLE
- EXISTING FOUL WATER
- EXISTING FOUL WATER MANHOLE
- EXISTING FOUL WATER TO BE REMOVED

APPLICABLE IRISH WATER STANDARD DETAILS DOCUMENT: IW-CDS-5030-01

DRAWING NO:	DRAWING TITLE
STD-WW-03	DRAIN & SERVICE CONNECTION PIPEWORK
STD-WW-04	TYPICAL SEWER /SERVICE PIPE CONNECTION
STD-WW-05	TYPICAL SERVICE LAYOUT (SEPARATION DISTANCES)
STD-WW-05A	SERVICE CONNECTION VERTICAL SEPARATION DISTANCES
STD-WW-06	RESTRICTIONS ON WORKS ADJACENT TO EXISTING TREES
STD-WW-06A	RESTRICTIONS ON NEW TREES/SHRUBS ADJACENT TO SEWERS
STD-WW-07	TRENCH BACKFILL & BEDDING
STD-WW-08	CONCRETE BED, HAUNCH & SURROUND TO PIPES
STD-WW-10	PRE-CAST MANHOLE WITH CAST IN-SITU BASE
STD-WW-10A	PRE-CAST MANHOLE WITH PRECAST BASE
STD-WW-12	BACKDROP AND CASCADE MANHOLES
STD-WW-13	INSPECTION CHAMBER
STD-WW-14	THRUST BLOCKS FOR RISING MAINS
STD-WW-17	SLUICE VALVE FOR RISING MAINS - POLYETHYLENE (P.E) PIPE
STD-WW-36	MARKER POSTS / PLATES



Client

EirGrid

TETRA TECH

BRIGHT DESIGN ARCHITECTS

General Notes

(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error by the recipient, listing of the un-dimensioned measurements, compatibility with the recipients software, and any errors arising when these files are used to aid the recipients drawing production, or setting out on site.

(ii) DO NOT SCALE, use figured dimensions only.

(iii) This drawing is the property of RPS, it is a project confidential classified document. It must not be copied used or its contents divulged without prior written consent. The needs and expectations of client and RPS must be considered when working with this drawing.

(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.

(v) All Levels refer to Ordnance Survey Datum, Malin Head.

Rev	Date	Drn / Chk	Amendment / Issue	App
S5 P01	01.08.25	JR / AB	PLANNING ISSUE	DC

TETRA TECH
West Pier
Business Campus
Dun Laoghaire
Co Dublin
T +353 1 4882900
F +353 1 2835676
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

RPS A TETRATECH COMPANY

Scale	1:250 @ A1
Created on	12/05/2025
Sheets	1 of 1
Project	CENTRAL DUBLIN SUBSTATION PROJECT
Title	PROPOSED DRAINAGE LAYOUT
Drawing Number	CP1273-RPS-03-PL-SL-D-C-2111
Status	S5
Rev	P01

W:\IE00045\1AA - Dublin Bulk Supply Point\8.0 Drawings\DR\CP1273-RPS-03-PL-SL-D-C-2111 Proposed Drainage Layout.dwg

© Tailte Éireann Surveying/Government of Ireland. Licence Nos. CYAL50441212, CYAL50455061