MH1 C.L=105.784 m I.L=104.084 m Data Centre & Ancillary
Office Space
FFL: 106.00 MH7 C.L =105.721 m I.L =102.740 m SPACE FOR POSSIBLE FUTURE DATA HALL Ex. MHF14 C.L =102.757 m I.L =99.687 m MH5 C.L =104.807 m I.L =103.675 m C.L =105.587 m I.L =103.103 m

REFER TO DRAWING NO. 22_043-CSE-00-XX-DR-C-2912 FOR DETAILS OF THE PROPOSED FULL RETENTION PETROL INTERCEPTOR (KLARGESTOR NSFP003 OR EQUIVALENT).

ALL CONNECTIONS TO INTERNAL POP-UPS SHALL BE 160mm OD WELDED HDPE PIPEWORK WITH 90OSLOW RADIUS BENDS SADDLED IN MAIN FOUL WATER PIPEWORK.

VENTILATION STACKS TO BE PROVIDED FOR ALL PETROL INTERCEPTORS AND FOUL MONITORING STATION (MINIMUM HEIGHT 3M ABOVE GROUND LEVEL). WHERE VENTILATION STACKS CANNOT BE FIXED TO BUILDING OR FENCES FREE-STANDING STACK (BY SPP OR EQUIVALENT SHALL BE PROVIDED)

10.

TESTING AND DISINFECTION SHALL COMPLY WITH SECTION 7 OF THE IRISH WATER GENERAL CIVIL ENGINEERING SPECIFICATION (DOCUMENT NO. IW-TEC-300-01).

THE PERMITTED FOUL SEWER RISING MAIN PIPEWORK MATERIALS SHALL COMPLY WITH SECTION 3.14 OF THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER NFRASTRUCTURE (DOCUMENT NO. IW-CDS-5030-03).

MARKER TAPE AND MARKER POSTS SHALL BE IN ACCORDANCE WITH SECTION 2.76 DF THE IRISH WATER GENERAL CIVIL ENGINEERING SPECIFICATION (DOCUMENT NO. IW-TEC-300-01).

ALL BACKDROP MANHOLES TO BE CONSTRUCTED AS PER IW STD-WW-12. OF IRISH WATER WASTEWATER INFRASTRUCTURE STANDARD DETAILS (DOCUMENT NO. IW-CDS-5030-01).

PRESSURE PIPES SHALL BE CLEANSED AND TESTED IN ACCORDANCE WITH ION 12 OF THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR VAGE WORKS VERSION 6.0.

CONCRETE HAUNCHING SHALL BE DETAIL STD-WW-08 OF IRISH WATER WASTEWATER INFRASTRUCTURE STANDARD DETAILS (DOCUMENT NO. IW-CDS-5030-01).

WANHOLES ON SEWERS OF 450mm DIAMETER AND OVER SHALL BE PROVIDED I SAFETY CHAINS FOR PLACING ACROSS THE MOUTH OF THE SEWER ON THE NSTREAM SIDE OF THE MANHOLE. MILD STEEL SAFETY CHAIN SHALL BE 12MM INAL SIZE GRADE M (4) NON-CALIBRATED CHAIN, TYPE 1, COMPLYING WITH BS 18: PART 3, CHAINS SHALL BE HOT DIP GALVANISED TO BS EN ISO 1461. NS SHALL BE SECURED ONLY BY A SAFETY EYEBOLT TO BS 7883: 2005 WITH A NDARD SCREW GATE KARABINER TO BS EN 362.

FOUL SI

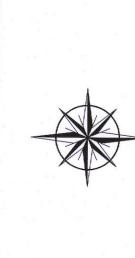
EWER NOTES
FOR ALL MANHOLE DETAILS, PIPELINE DETAILS,, MANHOLE COVERS & FRAMES, FOR ALL MANHOLE COVERS & FRAMES, TESTING & CLEANING OF DRAINS AND SEWER DIVERSIONS, SHALL BE IN ACCORDANCE WITH OF THE CIVIL WORKS SPECIFICATION AND THE FOLLOWING DOCUMENTATION
IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE (DOCUMENT IW-CDS-5030-03),
IRISH WATER WASTEWATER INFRASTURCTURE STANDARD DETAILS (DOCUMENT IW-CDS-5030-01),

OUL WATER TRENCH BACKFILL, BEDDING AND SURROUND SHALL BE AS NDICATED ON DRAWING NO. 22_043-CSE-00-XX-DR-C-2910 . FOUL WATER DRAINAGE MANHOLES SHALL COMPLY WITH THE DETAIL'S STD-WW-10 AND STD-WW-11 JUTLINED IN IRISH WATER WASTEWATER INFRASTRUCTURE STANDARD DETAILS DOCUMENT NO. IW-CDS-5030-01). BACKDROP MANHOLES SHALL BE IN (CCORDANCE WITH STD-WW-12.

PROPOSED FOUL WASTEWA SCALE 1:500 TER DRAINAGE LAYOUT PLAN

DRAWING IS PRODUCED USING THE: IRISH TRANSVERSE MERCATOR (ITM)





FOUL

SEWER LEGEND:

Existing Foul Manhole

sed Foul Sev

isting Foul Sewer

BIGT Proposed Foul Manhole (Refer to Note 2) Proposed Back Inlet Gully

SITE LEGEND to Architects Details
Proposed Kerb
Proposed Retaining Wall Outline of the Site Subject to this application Space for Future Data Hall Expansion Granite Paving (Refer to Architects Details) Proposed Swale sscrete meable Surface) osed 2.4 m Paladin Fence osed Security Gates/Barriers sed 2.6 m Palis ed Footpath sed Building ed Roads

P02 PLANNING ISSUE
P01 DRAFT PLANNING
Rev CD LT 14/07/2022
CD LT 21/06/2022
Drawn Checked Date Clifton Scannell Eme Associates Limited

Clifton Scannell Emerson K2 Strategic Infrastructure Ireland Ltd. Proposed Foul Wastewater Drainage Layout Plan Associates K2 Datacentre

Project Code Originator

22_043-CSE on By As indicated
Scale
Zone/
Phase Level -00 - XX -DR - C - 2210

wg. Title

09/06/2022 Date

@ A1

043

CSEA Job No.

Suitability Descri WORK IN PROGRESS

PRELIMINARY

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oposed Tactile Paving & Drop erb. Refer to Drawing o. 2900 for Details.