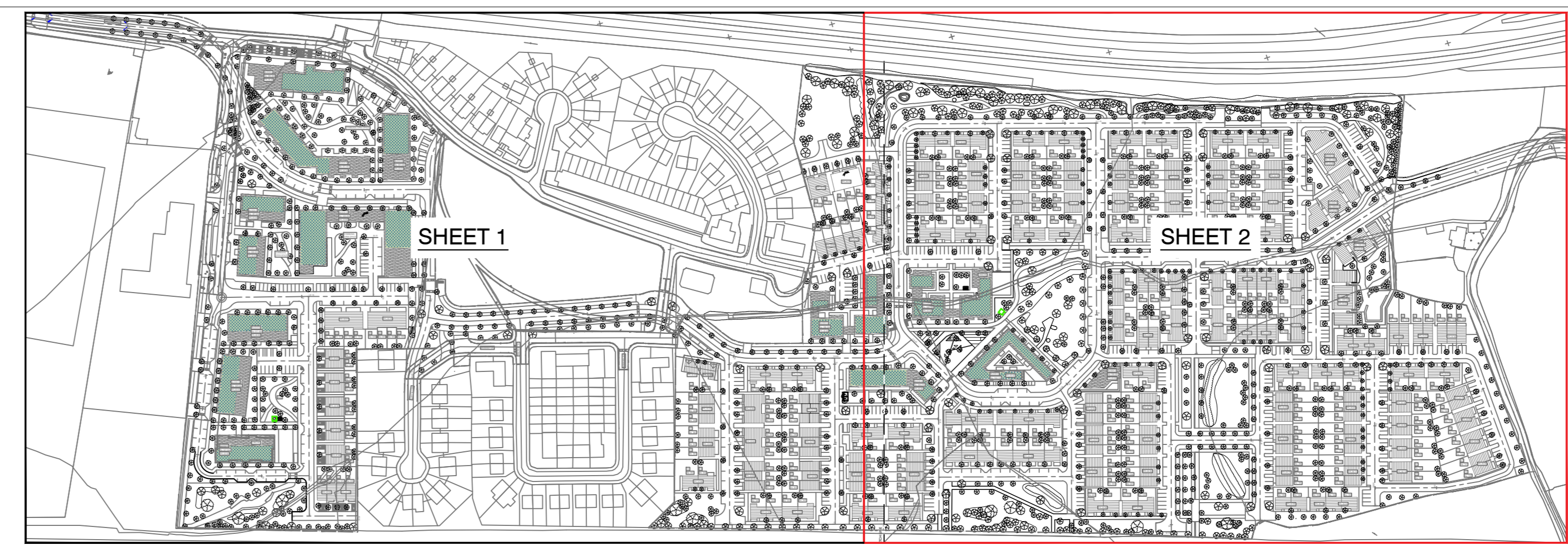
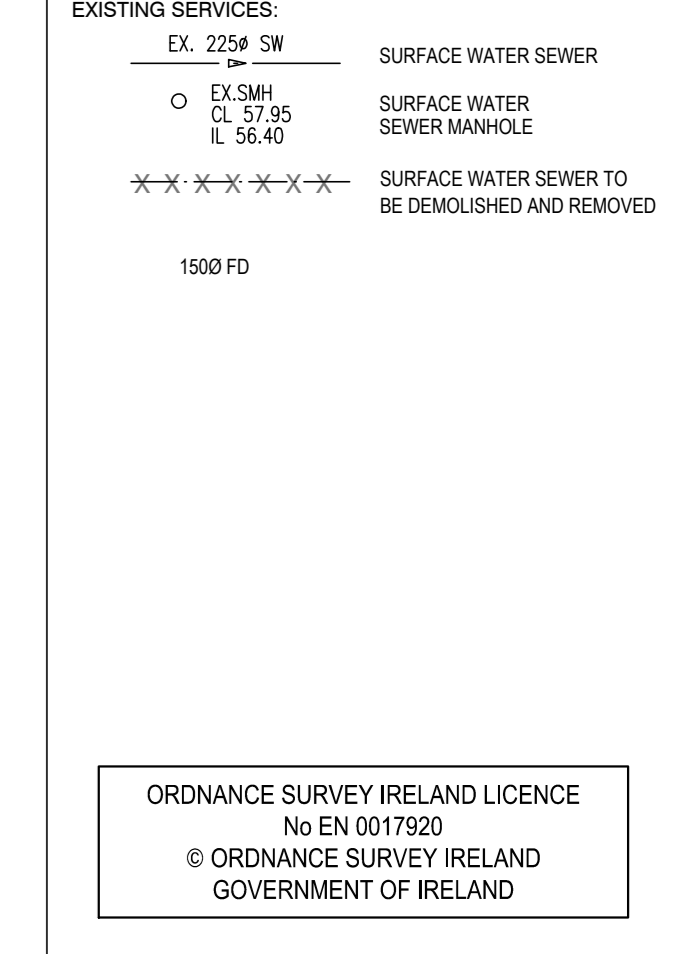
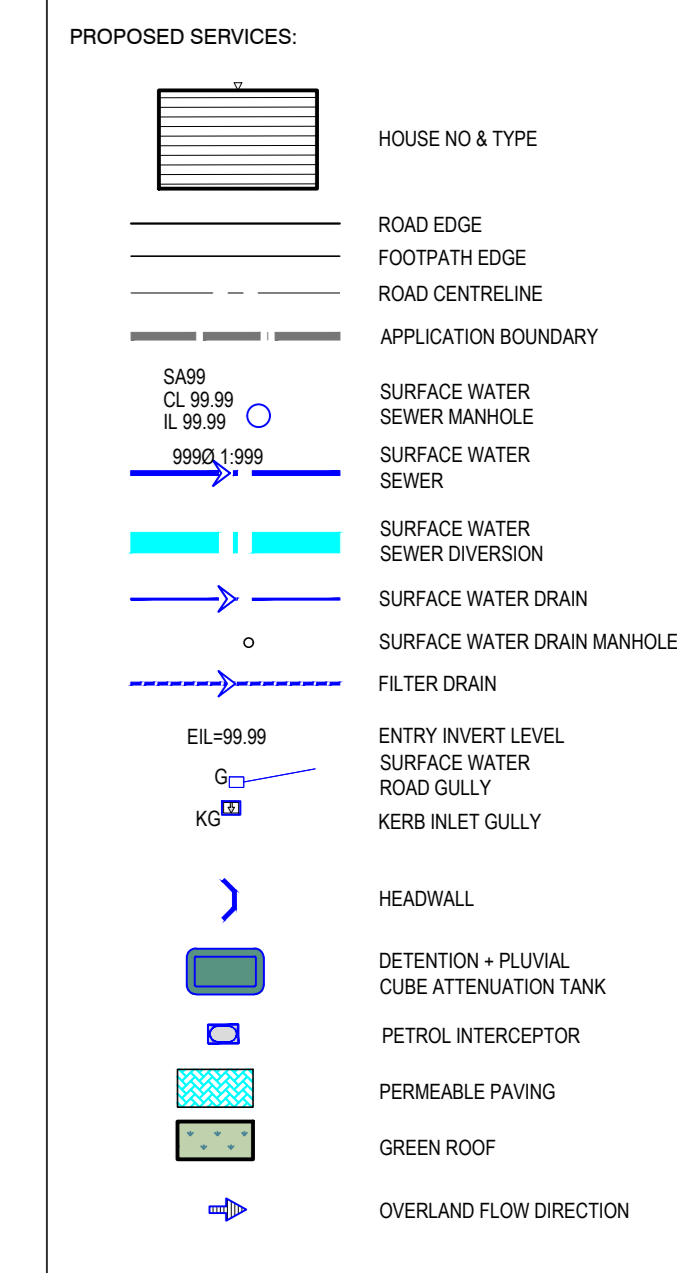
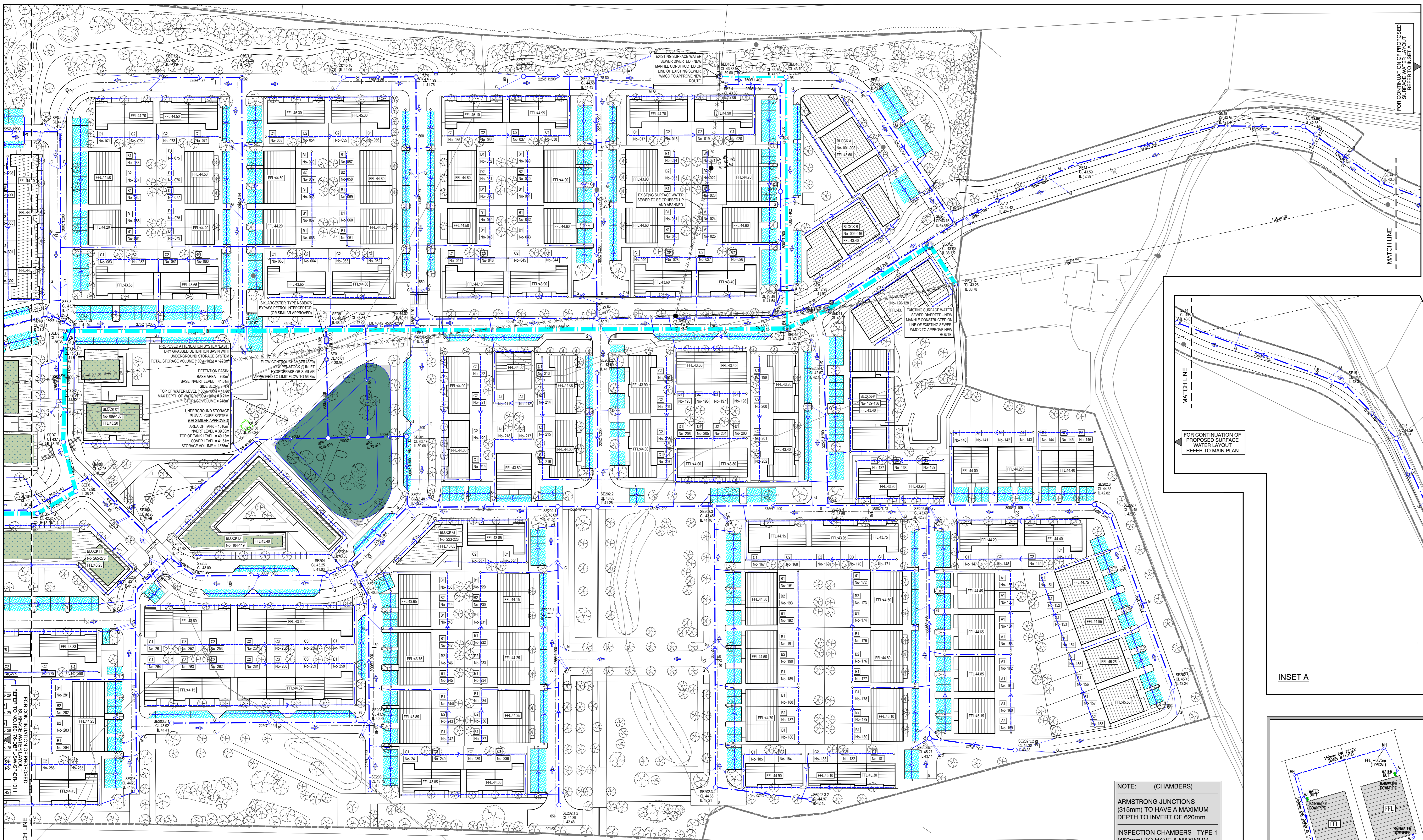


- NOTES:**
- ALL DIMENSIONS AND LEVELS IN METRES, EXCEPT IF NOTED OTHERWISE.
  - ALL LEVELS TO MAIN HEAD DATUM.
  - COORDINATE SYSTEM IS IRISH TRANSVERSE MERCATOR. REFER TO ARCHITECTS' PLANS FOR SITE BOUNDARY / CLIENT OWNERSHIP BOUNDARY / WORKS BOUNDARY.
- SURFACE WATER**
- LEVEL, POSITION AND CONDITION OF ALL EXISTING SERVICES ARE TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION AND FINDINGS CONVEYED TO THE DESIGN ENGINEER.
  - DRAIN CONNECTIONS FROM BUILDINGS TO BE MINIMUM 150mm UNL @ 1:100.
  - ALL MAIN SEWERS WITH LESS THAN 1.2m COVER UNDER ROADS AND 1.5m COVER UNDER GRASSES ARE AND FOOTPATHS TO BE SURROUNDED BY 150mm C20 CONCRETE.
  - ALL PUBLIC SURFACE WATER SERVICES TO BE MINIMUM 225mm DIA.
  - MINIMUM SIZE OF PVC AND TWIN WALLED PIPES TO BE 375mm ABOVE THIS CONCRETE PIPES TO BE USED.
  - MANHOLE AND MAN SERVICE COVERS LOCATED IN BLOCK PAVED OR PAVING SLAB AREAS ARE TO HAVE RECESSED COVERS TO RECEIVE PAVINGS TO MATCH ADJACENT PAVING MATERIALS.
  - ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION FOR ROADWORKS.
  - GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS & RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS.
  - ALL COVERS IN PUBLIC AREAS TO BE IN EN 124 D400 UNLESS NOTED OTHERWISE & NON-CORRODE.
  - CE CERTIFICATION TO BE PROVIDED FOR ALL PRODUCTS COVERED BY THE CE CONSTRUCTION PRODUCTS REGULATION (NO 3052011-CPB).
  - ALL MATERIALS PROPOSED FOR USE ON SITE TO BE APPROVED PRIOR TO ARRIVAL ON SITE.



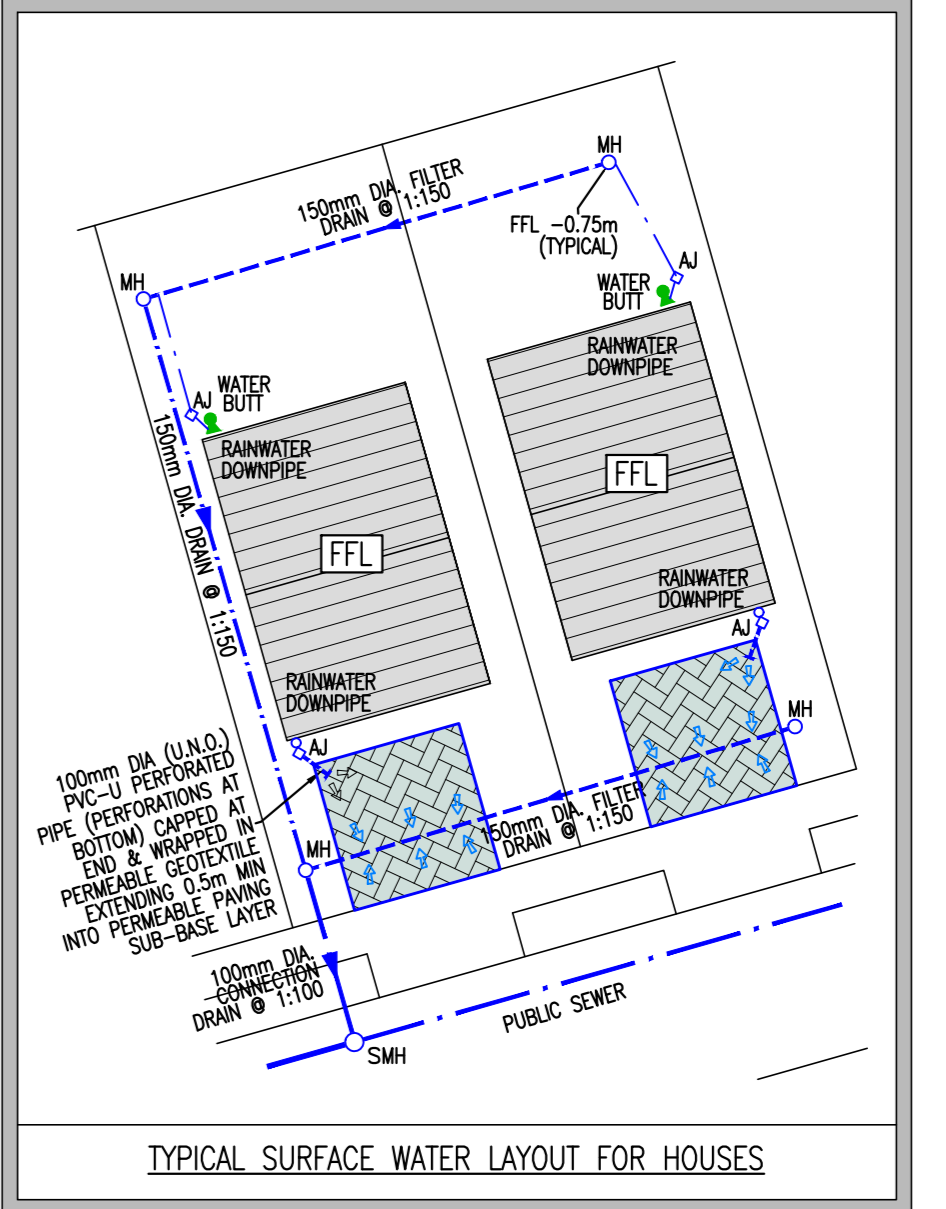
KEYPLAN



FOR CONTINUATION OF PROPOSED SURFACE WATER LAYOUT REFER TO MAIN PLAN

FOR CONTINUATION OF PROPOSED SURFACE WATER LAYOUT REFER TO INSET A

INSET A



TYPICAL SURFACE WATER LAYOUT FOR HOUSES

**NOTE: (CHAMBERS)**

ARMSTRONG JUNCTIONS (315mm) TO HAVE A MAXIMUM DEPTH TO INVERT OF 620mm.

INSPECTION CHAMBERS - TYPE 1 (450mm) TO HAVE A MAXIMUM DEPTH TO INVERT OF 1.0m.

INSPECTION CHAMBERS - TYPE 2 (600mm) (TEGRA 600 OR SIMILAR) TO HAVE MAXIMUM DEPTH TO INVERT OF 1.25m.

**NOTE:**

INSTALLATION OF ARMSTRONG JUNCTIONS & INSPECTION CHAMBERS TO MANUFACTURERS GUIDELINES & APPROVAL FROM ENGINEER.

PROJECT: LISHWILLON RESIDENTIAL DEVELOPMENT AT BRANNAY ROAD, LISHWILLON, ATHLONE, CO. WESTMETH.

Drawing No: SURFACE WATER LAYOUT - SHEET 2 OF 2

DATE: 20/11/2023

ISSUED FOR PLANNING: 20/11/2023

DESIGNER: KGD

APPROVED: KGD

DATE: 20/11/2023

SCALE: 1:500

SHEET SIZE: A3

DRAWING NO: 180176-DBFL-SW-SP-DR-C-1012

P01

DBFL Consulting Engineers  
180176-DBFL-SW-SP-DR-C-1012