



This drawing is produced using the
Irish Transverse Mercator (ITM) / Irish Grid
Geographic Coordinate System

A0

LEGEND:

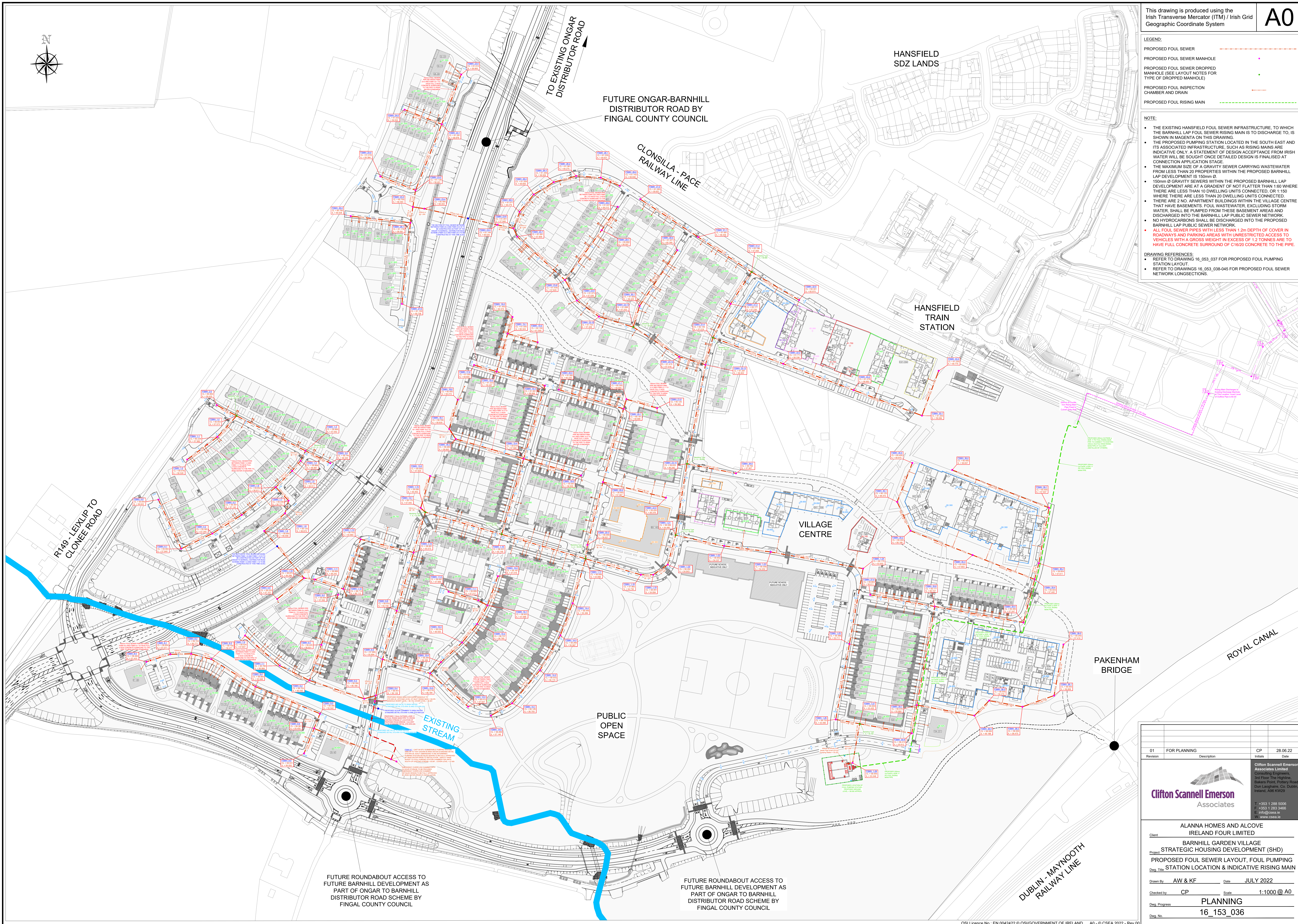
- PROPOSED FOUL SEWER
- PROPOSED FOUL SEWER MANHOLE
- PROPOSED FOUL SEWER DROPPED MANHOLE (SEE LAYOUT NOTES FOR TYPE OF DROPPED MANHOLE)
- PROPOSED FOUL INSPECTION CHAMBER AND DRAIN
- PROPOSED FOUL RISING MAIN

NOTE:

- THE EXISTING HANSFIELD FOUL SEWER INFRASTRUCTURE, TO WHICH THE BARNHILL LAP FOUL SEWER RISING MAIN IS TO DISCHARGE TO, IS SHOWN IN MAGENTA ON THIS DRAWING.
- THE PROPOSED PUMPING STATION LOCATED IN THE SOUTH EAST AND ITS ASSOCIATED INFRASTRUCTURE, SUCH AS RISING MAINS ARE INDICATIVE ONLY. A STATEMENT OF DESIGN ACCEPTANCE FROM IRISH WATER WILL BE SOUGHT ONCE DETAILED DESIGN IS FINALISED AT CONNECTION APPLICATION STAGE.
- THE MAXIMUM SIZE OF A GRAVITY SEWER CARRYING WASTEWATER FROM LESS THAN 20 PROPERTIES WITHIN THE PROPOSED BARNHILL LAP DEVELOPMENT IS 150mm Ø.
- 150mm Ø GRAVITY SEWERS WITHIN THE PROPOSED BARNHILL LAP DEVELOPMENT ARE AT A GRADIENT OF NOT FLATTER THAN 1:60 WHERE THERE ARE LESS THAN 10 DWELLING UNITS CONNECTED, OR 1:150 WHERE THERE ARE LESS THAN 20 DWELLING UNITS CONNECTED.
- THERE ARE 2 NO. APARTMENT BUILDINGS WITHIN THE VILLAGE CENTRE THAT HAVE BASEMENTS. FOUL WASTEWATER, EXCLUDING STORM WATER, SHALL BE PUMPED FROM THESE BASEMENT AREAS AND DISCHARGED INTO THE BARNHILL LAP PUBLIC SEWER NETWORK.
- NO HYDROCARBONS SHALL BE DISCHARGED INTO THE PROPOSED BARNHILL LAP PUBLIC SEWER NETWORK.
- ALL FOUL SEWER PIPES WITH LESS THAN 1.2m DEPTH OF COVER IN ROADWAYS AND PARKING AREAS WITH UNRESTRICTED ACCESS TO VEHICLES WITH A GROSS WEIGHT IN EXCESS OF 1.2 TONNES ARE TO HAVE FULL CONCRETE SURROUND OF C16/20 CONCRETE TO THE PIPE.

DRAWING REFERENCES:

- REFER TO DRAWING 16_053_037 FOR PROPOSED FOUL PUMPING STATION LAYOUT.
- REFER TO DRAWINGS 16_053_038-045 FOR PROPOSED FOUL SEWER NETWORK LONGSECTIONS.



01	FOR PLANNING	CP	28.06.22
Revision	Description	Initials	Date
 Clifton Scannell Emerson Associates			
ALANNA HOMES AND ALCOVE IRELAND FOUR LIMITED			
BARNHILL GARDEN VILLAGE			
STRATEGIC HOUSING DEVELOPMENT (SHD)			
PROPOSED FOUL SEWER LAYOUT, FOUL PUMPING STATION LOCATION & INDICATIVE RISING MAIN			
Drawn By	AW & KF	Date	JULY 2022
Checked by	CP	Scale	1:1000 @ A0
Desig. Progress	PLANNING		
Desig. No.	16_153_036		