

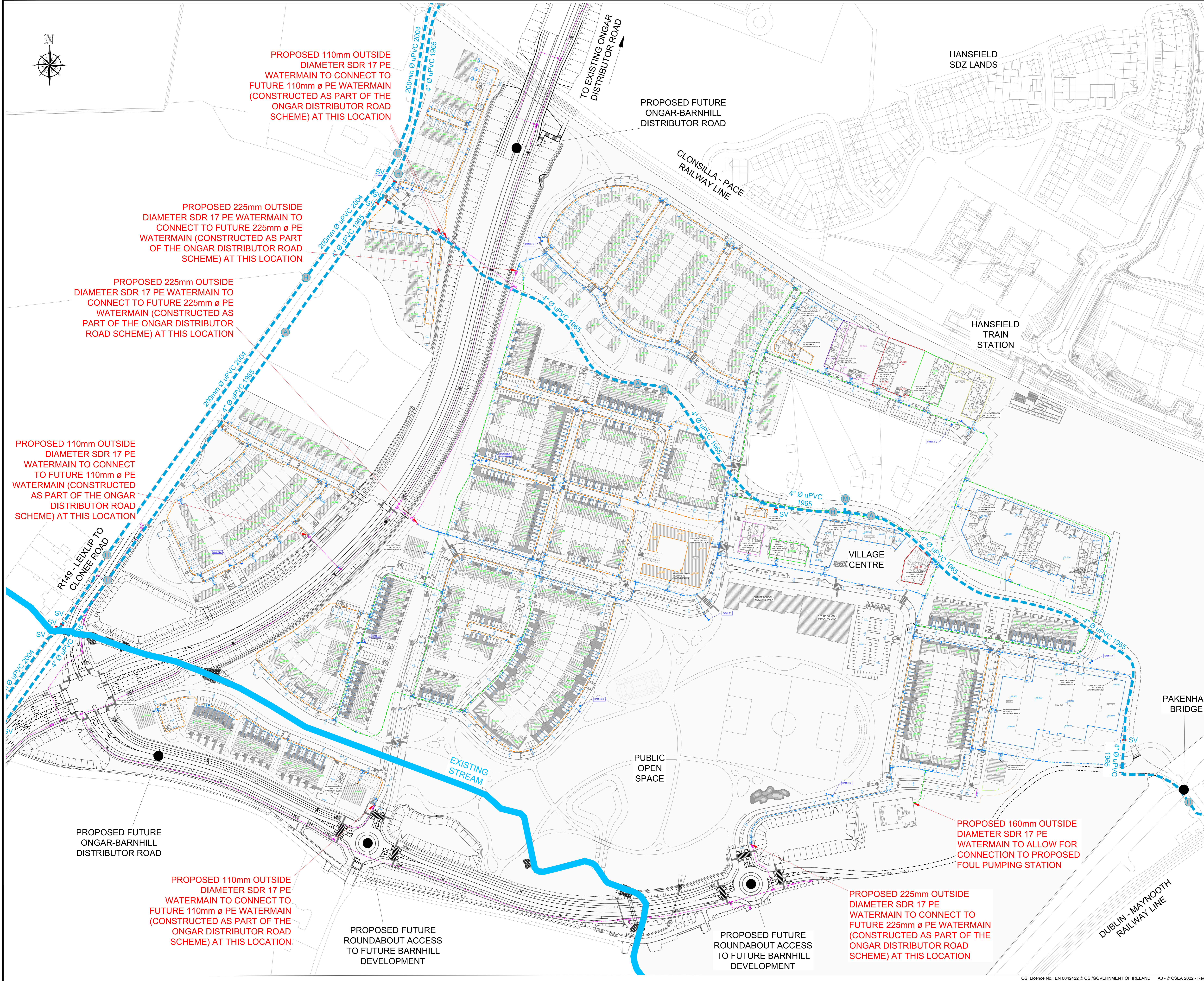
PROPOSED WATERMAIN LEGEND:

- PROPOSED 110mm OUTSIDE SDR 17 PE WATERMAIN
- PROPOSED 160mm OUTSIDE SDR 17 PE WATERMAIN
- PROPOSED 225mm OUTSIDE SDR 17 PE WATERMAIN
- PROPOSED WATERMAIN CONNECTION TO UNITS WITH BOUNDARY BOX
- PROPOSED AIR VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SLUICE VALVE
- PROPOSED SCOUR VALVE
- PROPOSED WATER METER

EXISTING WATERMAIN LEGEND:

- EXISTING WATERMAIN PIPE
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING AIR VALVE
- EXISTING SLUICE VALVE

- NOTE:**
- THE PROPOSED FUTURE WATERMAIN SHOWN IN MAGENTA ON THIS DRAWING IS TO BE CONSTRUCTED AS PART OF THE ONGAR TO BARNHILL DISTRIBUTOR ROAD SCHEME BY FINCH COUNTY COUNCIL. THE ONGAR TO BARNHILL DISTRIBUTOR ROAD IS TO BE DELIVERED PRIOR TO THE CONSTRUCTION OF THE BARNHILL LAP DEVELOPMENT. THE WATERMAIN SHOWN IN MAGENTA ON THIS DRAWING WILL THEREFORE BE PART OF THE FUTURE RECEIVING ENVIRONMENT FOR THE BARNHILL LAP DEVELOPMENT TO ALLOW WATERMAIN CONNECTIONS. BULK FLOW METERS HAVE BEEN SHOWN AT EACH CONNECTION POINT TO THIS WATERMAIN.
 - NO HYDRANTS ARE CLOSER THAN 6m TO A PROPOSED OR EXISTING STRUCTURE. NO PROPERTY WITHIN THIS PROPOSED DEVELOPMENT IS MORE THAN 46m FROM A FIRE HYDRANT.
 - NO NEW WATERMAIN WITHIN THE PROPOSED DEVELOPMENT UP TO AND INCLUDING 150mm IS LAID WITHIN 3m OF AN EXISTING OR PROPOSED STRUCTURE. NO NEW WATERMAIN WITHIN THE PROPOSED DEVELOPMENT BETWEEN 200mm & 600mm DIAMETERS ARE LAID WITHIN 5m OF AN EXISTING OR PROPOSED STRUCTURE.
 - GAS MAINS ARE NOT PROPOSED TO BE CONSTRUCTED AS PART OF THE PROPOSED BARNHILL LAP DEVELOPMENT.
 - ALL WATERMAIN "T" JUNCTIONS HAVE BEEN SHOWN AT 90 DEGREE ANGLES.
 - BOOSTED WATER SUPPLY SYSTEMS SHALL BE USED AT THE PROPOSED APARTMENT BUILDING WITHIN THE BARNHILL LAP DEVELOPMENT. BOOSTED WATER SUPPLY SYSTEMS AT THE APARTMENTS WILL BE DESIGNED BY THE M&E FOR THE DEVELOPMENT DURING DETAILED DESIGN OF THE DEVELOPMENT.
 - SCOUR VALVES THAT WILL BE CONSTRUCTED TO IRISH WATER STANDARDS HAVE BEEN SHOWN AT THE LOCALISED LOW POINTS OF THE PROPOSED DEVELOPMENT WATERMAIN. SCOUR VALVES ARE SHOWN AS BEING OFFLINE AND ARE CONNECTED TO A SURFACE WATER MANHOLE.
 - ALL COMMERCIAL PREMISES PROPOSED WITHIN THE BARNHILL LAP DEVELOPMENT HAVE INDIVIDUAL SERVICE CONNECTIONS AND BULK FLOW METERS. METER TO BE SELECTED, SUPPLIED, AND FITTED BY IRISH WATER.



PROPOSED 110mm OUTSIDE DIAMETER SDR 17 PE WATERMAIN TO CONNECT TO FUTURE 110mm ø PE WATERMAIN (CONSTRUCTED AS PART OF THE ONGAR DISTRIBUTOR ROAD SCHEME) AT THIS LOCATION

PROPOSED 225mm OUTSIDE DIAMETER SDR 17 PE WATERMAIN TO CONNECT TO FUTURE 225mm ø PE WATERMAIN (CONSTRUCTED AS PART OF THE ONGAR DISTRIBUTOR ROAD SCHEME) AT THIS LOCATION

PROPOSED 225mm OUTSIDE DIAMETER SDR 17 PE WATERMAIN TO CONNECT TO FUTURE 225mm ø PE WATERMAIN (CONSTRUCTED AS PART OF THE ONGAR DISTRIBUTOR ROAD SCHEME) AT THIS LOCATION

PROPOSED 110mm OUTSIDE DIAMETER SDR 17 PE WATERMAIN TO CONNECT TO FUTURE 110mm ø PE WATERMAIN (CONSTRUCTED AS PART OF THE ONGAR DISTRIBUTOR ROAD SCHEME) AT THIS LOCATION

PROPOSED 110mm OUTSIDE DIAMETER SDR 17 PE WATERMAIN TO CONNECT TO FUTURE 110mm ø PE WATERMAIN (CONSTRUCTED AS PART OF THE ONGAR DISTRIBUTOR ROAD SCHEME) AT THIS LOCATION

PROPOSED 160mm OUTSIDE DIAMETER SDR 17 PE WATERMAIN TO ALLOW FOR CONNECTION TO PROPOSED FOUL PUMPING STATION

PROPOSED 225mm OUTSIDE DIAMETER SDR 17 PE WATERMAIN TO CONNECT TO FUTURE 225mm ø PE WATERMAIN (CONSTRUCTED AS PART OF THE ONGAR DISTRIBUTOR ROAD SCHEME) AT THIS LOCATION

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 WATERMAIN NETWORK LAYOUT

Drawn By: AW & KF Date: JULY 2022

Checked by: CP Scale: 1:1000 @ A0

Drawn Progress: PLANNING

Draw No: 16_153_035