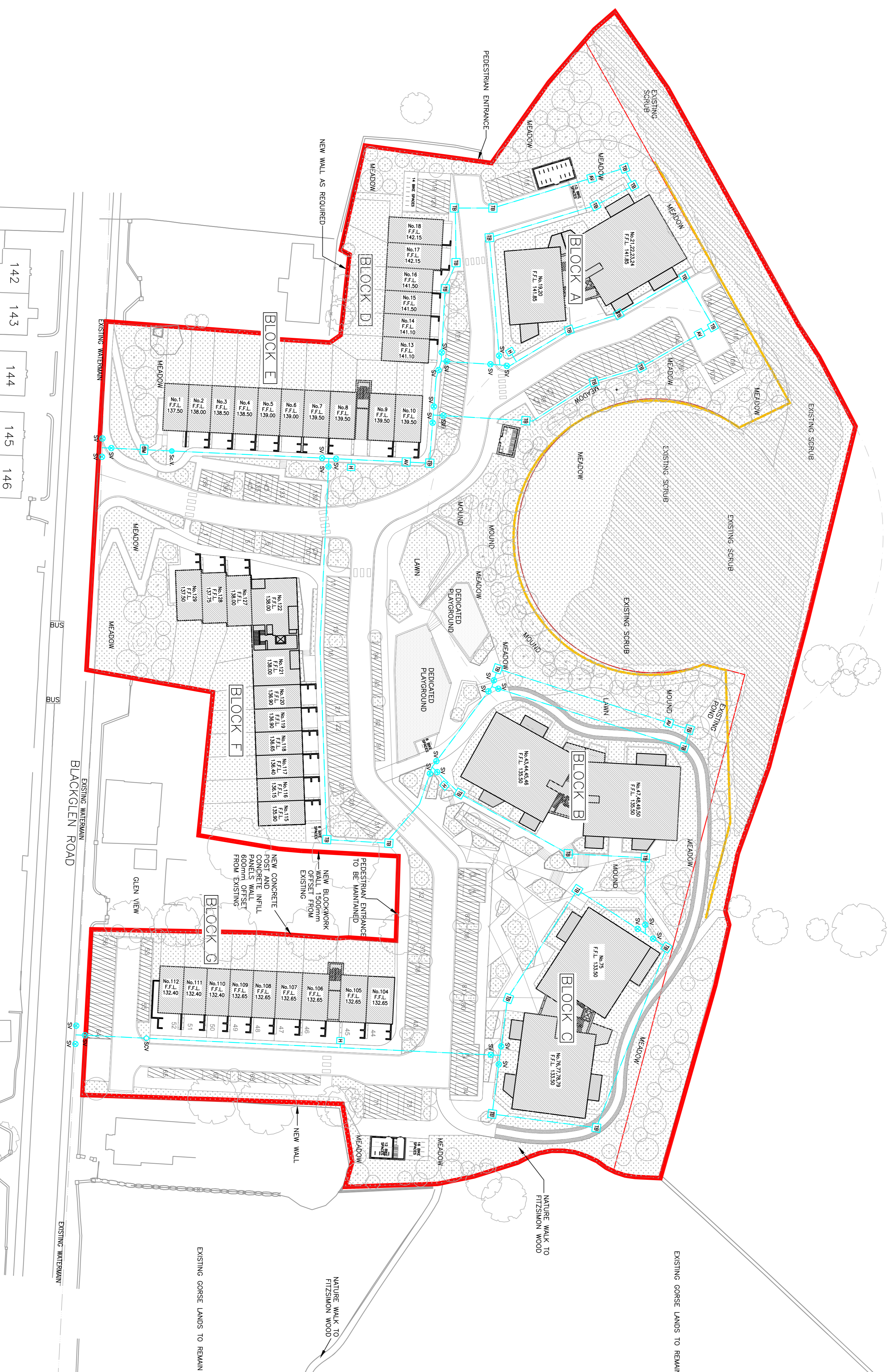


NOTES

- THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.
 - DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
- WATERMAIN**
- ALL WATERMANS AND SUPPLY SHOULD BE CONSTRUCTED TO IRISH WATER REQUIREMENTS AND IN ACCORDANCE WITH IRISH WATER CONNECTIONS & DEVELOPER SERVICES WATER INFRASTRUCTURE STANDARD DETAILS IW-C05-002-03 JULY 2020.
 - THE CONTRACTOR SHOULD CONFIRM THE LOCATIONS OF ALL EXISTING WATERMAIN INFRASTRUCTURE ON SITE AND REPORT TO THE ENGINEER.
 - WATERMAIN PRESS SHOULD HAVE A MINIMUM NOMINAL PRESSURE CLASSIFICATION OF 10 BAR. MOPVC PRESSURE PIPES SHALL CONFORM TO UK WATER INDUSTRY SPECIFICATION WD 4-31-08 OR EQUIVALENT. MANUFACTURERS SHALL OPERATE A QUALITY SYSTEM IN COMPLIANCE WITH BS 5750 PART 2 (EN29002).
 - WATERMAIN PRESS SHOULD HAVE A MINIMUM COVER OF 900mm. PROPOSED WATERMAIN IN THE FOOTPATH TO BE STANDARD DETAILS: STD-M-11)
 - AN APPROVED MARKER TAPE CONTAINING A TRACER WIRE SHOULD BE AFFIXED TO THE TOP SURFACE OF ALL WATERMANS
 - CONCRETE THRUST BLOCKS SHOULD BE PROVIDED ON WATERMANS AT DEAD ENDS, TEEs, BENDS OF CURVATURE GREATER THAN 22 1/2° AND AT BOTH SIDES OF A SLUICE VALVE CHAMBER. ANCHOR BLOCKS SHOULD ENCASE THE PIPE IN CONCRETE (CLASS E, CLAUSE 1902. SPECIFICATION FOR ROADWORKS) TO A MINIMUM THICKNESS OF 150mm ALL ROUND AND SHOULD BE A MINIMUM LENGTH OF 750mm
 - SLUICE VALVES SHOULD COMPLY WITH THE REQUIREMENTS OF BS 9163. THE DEPTH OF THE SLUICE VALVE SPINULE CAP BELOW FINISHED GROUND LEVEL SHOULD NOT EXCEED 300mm
 - HYDRANTS SHOULD BE OF THE WALK THRU/ROD DOWN TYPE IN COMPLIANCE WITH THE REQUIREMENTS OF BS 6841. THE DEPTH OF THE SPINULE CAP BELOW FINISHED GROUND LEVEL SHOULD NOT EXCEED 200mm
 - SCOUR VALVES TO BE LOCATED AT LOW POINTS AND AIR VALVES AT HIGH POINTS ALONG THE VERTICAL PROFILE OF THE WATERMAIN. CONTRACTOR TO AGREE SPECIFICATION FOR VALVES WITH WICKLOW COUNTY COUNCIL.
 - CONTRACTOR TO ALLOW FOR ROAD OPENING UP LICENCE FOR WORKS IN PUBLIC ROAD, WHERE NECESSARY.
 - WATERMAIN CONNECTION TO BE MADE FROM EACH HOUSE DIRECTLY WITH WATER METER.

LEGEND

- PROPOSED 100mm Ø HOPE WATERMAIN
- EXISTING WATERMAIN
- NEW SLUICE VALVE
- NEW HOB/ANT
- BULK METER
- THRUST BLOCK
- SCOUR VALVE IN ACCORDANCE WITH SECTION 14.4.2.4.1 OF IWSI (IW-C05-002-03 JULY 2020)
- ORANGE AIR VALVE IN ACCORDANCE WITH SECTION 3.1.6.6 OF LW CODE OF PRACTICE



| NO. | ISSUED FOR | DATE | BY | CHKD BY | DATE |
|-----|---------------------|----------|----|---------|------|
| 1 | ISSUED FOR PLANNING | 12/24/24 | LM | | |
| 2 | DESCRIPTION | | | | |

PLANNING

ISSUED FOR PLANNING

DATE: 12/24/24

BY: LM

CHKD BY: []

DATE: []

CLIENT

DUN LAOGHAIRE COUNTY COUNCIL

PROJECT NAME

RESIDENTIAL HOUSING DEVELOPMENT AT BLACKGLEN ROAD

DRAWING NAME

PROPOSED WATERMAIN LAYOUT

| | |
|-------------|----------|
| PROJECT No. | 23D059 |
| DRAWING No. | 03 |
| REGION | P |
| SCALE | 1:500 |
| DWG DATE | 25.03.24 |
| DESIGNED BY | F.S. |
| CHECKED BY | L.M. |
| APPROVED BY | D.H. |

HAYES HIGGINS PARTNERSHIP

The Glass House, 11 Coke Lane
 Smithfield, Dublin 7. Tel: 01 6612321
 E-mail: admin@hayeshiggins.ie
 One House Lane, Kildenny, Tel: (086) 7784710
 Fax: (086) 7784710