NOTE:
DRAIANGE PIPES COVER TO STD-WW-08
REINFORCED CONCRETE SURROUND WHERE COVER BETWEEN 0.75M-1.2 M

ABSOLUTE MINIMUM COVER ABOVE EXTERNAL CROWN OF THE PIPE IS 750 MM

MINIMUM COVER ABOVE EXTERNAL CROWN OF ALL PIPES TIC IS 1200 MM

NOTE:INVERT AND COVER LEVELS TO BE CONFIRMED ON SITE PRIOR COMMENCEMENT OF ANY WORKS

Phase 2 - Erect new 4-bed + accessible shower room extension to ex dayroom 1, 3 & 4.

Phase 2 - Erect new 4-bed + accessible shower room extension to ex dayroom 1, 3 & 4.

New Temporary Location for Mobile Homes (A & B) during Phase 1 of Construction works for Tenants from Bay 1 and Bay 4

Existing House to Bay 2 to remain as is and not form part of Contract. Tenants to remain insitu during construction works.

PROPOSED FOUL SEWER LAYOUT
Scale 1:250

PART 8 PLANNING ISSUE
NOT FOR CONSTRUCTION

LEGEND

- 225exFW> EXISTING 225MMØ FOUL SEWER @ 1/60
- 150exFW> EXISTING 150MMØ UPVC FOUL SEWER @ 1/78 FALL
- 100exFW> EXISTING 100MMØ UPVC FOUL SEWER @ 1/60 FALL
- 100FW> NEW 100MMØ UPVC FOUL SEWER @ 1/60 FALL

NOTE:
PROPOSED GRAVITY DRAINAGE SYSTEM WILL BE CONSTRUCTED WITH CONCRETE/uPVC PIPES TO IS 6 AND LAID IN ACCORDANCE WITH THE BUILDING REGULATIONS(SECTION H)AND IN ACCORDANCE WITH THE SELECTED PIPE MANUFACTURER'S RECOMMENDATIONS.ALL PROPOSED WORKS AFFECTING THE PUBLIC DRAINAGE SYSTEM WILL BE SUBJECT TO DETAILED AGREEMENT WITH THE WATER AND DRAINAGE DEPARTMENT OF FINGAL COUNTY COUNCIL AND WITH IRISH WATER
The uPVC pipe grade is ULTRARIB solid wall SN8 classification

- MH EXISTING PRECAST CONCRETE MANHOLE CHAMBERS
- AJ EXISTING WAVIN SHALLOW ACCESS JUNCTIONS
- AJ NEW NEW WAVIN SHALLOW ACCESS CHAMBERS

ALL UPVC SEWER PIPES SHALL BE STRENGTH GRADE SN8 / SDR34

ALL PIPES UNDER ROADWAYS SHALL BE BENCHED IN CONCRETE & PROVIDED WITH MOVEMENT JOINTS IN ACCORDANCE WITH IW DETAILS

NOTES

1.0 DRAWINGS ARE NOT OT BE SCALED. USE ONLY STATED DIMENSIONS. ENGINEER TO BE NOTIFIED OF ANY DISCREPENCIES.
2.0 ALL LEVELS REFER TO OS DATUMN MALIN HEAD.
3.0 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER CONTRACT DOCUMENTATION.
4.0 ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE DEPARTMENT OF ENVIRONMENT "RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS" AND THE SPECIFIC REQUIREMENTS OF THE LOCAL AUTHORITY.
5.0 CONCRETE BASES AND SURROUNDS SHALL BE GRADE C30 SURROUNDS SHALL BE A MINIMUM 150MM THICK AND CONTAIN ONE LAYER OF A142 MESH
6.0 BLINDING CONCRETE SHALL BE GRADE C15. BLINDING SHALL BE A MINIMUM THICKNESS OF 100MM
7.0 SAND CEMENT RENDER SHALL BE A MINIMUM 25MM THICK WITH STEEL TROWEL FINISH.
8.0 CHAMBERS COVERS & FRAMES SHALL COMPLY WITH THE REQUIREMENTS OF IS 261 AND SHALL BE MINIMUM CLASS D400. CHAMBER COVERS SHALL BE BADGES WITH THE APPROPRIATE LETTERING TO INDICATE THE TYPE OF VALVE
9.0 HYDRANTS SHALL COMPLY WITH THE REQUIREMENTS OF BS 750 AND SHALL BE A TYPE APPROVED BY THE LOCAL AUTHORITY AND THE COUNTY FIRE OFFICER.
10.0 HYDRANT CHAMBER COVERS SHALL BE PAINTED CANARY YELLOW WITH AN APPROVED ENAMEL PAINT.
11.0 HYDRANTS SHALL NOT BE PLACED IN THE PUBLIC ROAD OR OTHER AREAS WHERE THE HYDRANT COULD BE OBSTRUCTED.
12.0 MARKER POSTS AND INDICATOR PLATES SHALL COMPLY WITH THE REQUIREMENTS OF BS 3251
13.0 SEMI ENGINEERING BRICK SHALL BE GRADE 47N/MM2
14.0 ANCHOR BLOCKS SHALL BE GRADE 30N20 CONCRETE
15.0 STOPCOCKS SHALL COMPLY WITH THE REQUIREMENTS OF 1010 PART 2
16.0 ALL CONNECTIONS TO THE LOCAL MAINS SHALL BE COMPLETED BY THE LOCAL AUTHORUTY OR UNDER THE SUPERVISION OF THE LOCAL AUTHORITY.
17.0 ALL PRESSURE TESTING & STERILISATION SHALL BE COMPLETED BY THE LOCAL AUTHORITY OR UNDER THE SUPERVISION OF THE LOCAL AUTHORITY.

IRISH WATER WASTEWATER DETAILS

Drawing No.	Drawing Title
STD-WW-01	Waste water service connection responsibility
STD-WW-02	Typical layout for sewer within new developments
STD-WW-03	Drain & service connection pipework
STD-WW-04	Typical sewer / service pipe connection
STD-WW-05	Typical service layout indicating separation distances
STD-WW-06	Restrictions on wastewater infrastructure adjacent to trees
STD-WW-06A	Restrictions on new trees/shrubs planting adjacent to sewers
STD-WW-07	Trench backfill & bedding
STD-WW-08	Concrete bed, haunch & surround to wastewater pipes
STD-WW-09	Blockwork manhole (<450mm dia.)
STD-WW-10	Pre-cast concrete manhole
STD-WW-11	In-situ concrete manhole
STD-WW-12	Backdrop manholes
STD-WW-13	Private side inspection chamber
STD-WW-14	Thrust blocks for rising mains
STD-WW-15	Scour valve chamber (foul rising main <200mm dia.)
STD-WW-16	Sluice valve details for rising mains ductile iron (D.I.) pipe (<200mm dia.) (sheet 1 of 2)
STD-WW-17	Sluice valve details for rising mains polyethylene (P.E.) pipe (<200mm dia.) (sheet 2 of 2)
STD-WW-18	Air valve chamber (foul rising main <200mm dia.)
STD-WW-19	Duct chamber
STD-WW-20	Emergency overflow structure
STD-WW-21	Typical ditch/stream crossing for gravity main (sheet 1 of 2)
STD-WW-22	Typical ditch/stream crossing for rising main (sheet 2 of 2)
STD-WW-23	Typical bridge crossing for rising main (sheet 1 of 2)
STD-WW-24	Typical bridge crossing for rising main (sheet 2 of 2)
STD-WW-25	Security gate & fencing
STD-WW-26	Indicative pumping station layout
STD-WW-27	Flow meter chamber (foul rising main <200mm dia.)
STD-WW-28	Indicative submersible pumping station
STD-WW-28A	Indicative pre-cast concrete submersible pumping station
STD-WW-29	Rising main discharge manhole
STD-WW-30	Kiosk type 1 pumping station & wet kiosk (sheet 1 of 2)
STD-WW-31	Kiosk type 2 + 3 pumping station & wet kiosk (sheet 2 of 2)
STD-WW-32	Hardstanding area pumping station (permeable & impermeable)
STD-WW-33	Lamp bollard & lamp standard
STD-WW-34	Vent stack

NOTES
1. For setting out refer to Architect's drawings.
2. This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
3. DO NOT SCALE THIS DRAWING. Use figured dimensions only.
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- [ ] PROGRESS
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- [ ] TENDER
- [ ] CONSTRUCTION

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Rev	By	Date	Description
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T2	AA	2025.05.27	PLANNING ISSUE

Scales AS SHOWN | Date MAY 2025 | Drawn AA | Checked

JOB TITLE
PROPOSED RESIDENTIAL DEVELOPMENT
TIG MO CHROI
DUN LAOGHAIRE RATHDOWN

DRG. TITLE
PROPOSED FOUL SEWER LAYOUT & LEVELS

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