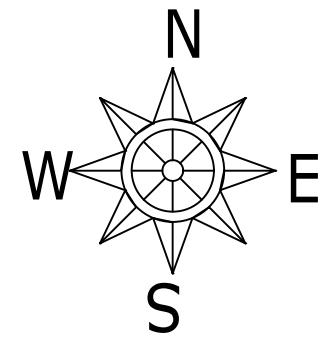


Sheet 3

NOTE:
ALL METERS, VALVES, FITTINGS, PIPES
USED AND TENDERED FOR TO BE APPROVED
BY UISCE EIREANN. CERTIFICATION REQUIRED
TO SHOW COMPLIANCE WITH UE REQUIREMENTS



NOTES

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GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE. DO NOT SCALE FROM THIS DRAWING. FIGURED DIMENSIONS SHALL TAKE PRECEDENCE.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, ALIGNMENTS, EXISTING SERVICES AND SITE CONDITIONS PRIOR TO COMMENCEMENT OF THE WORKS. ANY DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING.
3. THE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CONTRACT DRAWINGS, WORKS REQUIREMENTS, CIVIL ENGINEERING SPECIFICATION, BILL OF QUANTITIES, CURRENT UISCE EIREANN REQUIREMENTS, APPLICABLE IRISH/EUROPEAN STANDARDS, ROAD OPENING LICENCE CONDITIONS AND THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES.
4. ALL WATER INFRASTRUCTURE SHALL COMPLY WITH THE CURRENT UISCE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE AND WATER INFRASTRUCTURE STANDARD DETAILS, INCLUDING ANY PROJECT-SPECIFIC REQUIREMENTS OR DEPARTURES APPROVED BY UISCE EIREANN.
5. THE CONTRACTOR SHALL CONFIRM THE LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND AND OVERHEAD SERVICES BEFORE EXCAVATION. SERVICE DRAWINGS ARE INDICATIVE ONLY. CAT/SPR SURVEYING AND TRIAL HOLES SHALL BE UNDERTAKEN AS NECESSARY. EXISTING SERVICES SHALL BE PROTECTED AND SUPPORTED DURING THE WORKS.
6. PROPOSED WATERMANS SHALL BE PE100 SDR17 OF THE DIAMETERS SHOWN ON THE DRAWINGS. PIPEWORK, FITTINGS, VALVES AND ASSOCIATED COMPONENTS SHALL BE SUITABLE FOR POTABLE WATER SERVICE AND SHALL COMPLY WITH THE SPECIFICATION AND UISCE EIREANN REQUIREMENTS.
7. UNLESS OTHERWISE SHOWN OR APPROVED, MINIMUM COVER TO WATERMANS SHALL BE AS INDICATED ON THE CONTRACT DRAWINGS. PARTICULAR ATTENTION SHALL BE GIVEN TO ROAD CROSSINGS, EXISTING CULVERTS, SERVICES AND OTHER LOCATIONS WHERE REDUCED COVER MAY OCCUR. NO REDUCED COVER ARRANGEMENT SHALL BE CONSTRUCTED WITHOUT THE ENGINEER'S APPROVAL.
8. PIPE TRENCHES, BEDDING, HAUNCHING, SURROUND, BACKFILL AND COMPACTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT SPECIFICATION, UISCE EIREANN STANDARD DETAILS AND THE REQUIREMENTS OF THE ROAD OPENING LICENCE WHERE APPLICABLE.
9. ALL VALVES, HYDRANTS, AIR VALVES, WASHOUTS, METERS, BOUNDARY BOXES, PRV, CHAMBERS, MARKER POSTS AND ASSOCIATED FITTINGS SHALL BE INSTALLED AT THE LOCATIONS SHOWN OR AS AGREED WITH THE ENGINEER ON SITE.
10. THE CONTRACTOR SHALL MAINTAIN THE EXISTING WATER SUPPLY TO CONSUMERS THROUGHOUT THE WORKS. CONNECTIONS, SHUTDOWNS AND CHANGEOVERS SHALL BE PLANNED AND AGREED IN ADVANCE WITH THE EMPLOYER, ENGINEER AND UISCE EIREANN WHERE APPLICABLE.
11. EXISTING WATER INFRASTRUCTURE SHALL NOT BE ABANDONED, DISCONNECTED OR DECOMMISSIONED UNTIL THE NEW WORKS HAVE BEEN SUCCESSFULLY PRESSURE TESTED, FLUSHED, DISINFECTED, WATER-QUALITY TESTED, COMMISSIONED AND AUTHORISED FOR USE.
12. ALL ROAD AND FOOTPATH OPENINGS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE ROAD OPENING LICENCE AND THE GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS (PURPLE BOOK). PERMANENT REINSTATEMENT SHALL COMPLY WITH THE APPLICABLE STANDARD DETAIL, INCLUDING SD6, SD7 AND SD11, AS RELEVANT TO THE LOCATION AND TYPE OF OPENING.
13. EXISTING BITUMINOUS FOOTPATHS SHALL BE REINSTATED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SD11 WHERE REQUIRED BY THE ROAD OPENING LICENCE. FULL-WIDTH FOOTPATH REINSTATEMENT SHALL BE PROVIDED.
14. DOMESTIC/PRIVATE VEHICULAR ENTRANCES AFFECTED BY THE WORKS ARE TO BE REINSTATED IN BITUMINOUS CONSTRUCTION. AT VEHICULAR CROSSINGS THE AC10 FOOTWAY CONSTRUCTION SHALL BE INCREASED TO A TOTAL SURFACE DEPTH OF 100 mm, SUBJECT TO THE ROAD OPENING LICENCE REQUIREMENTS.
15. TRANSVERSE OPENINGS IN THE RAGS SHALL BE PERMANENTLY REINSTATED IN ACCORDANCE WITH PURPLE BOOK SD7. LONGITUDINAL OPENINGS AT HEAVY-DUTY ROADWAY LOCATIONS SHALL BE REINSTATED IN ACCORDANCE WITH SD6, SUBJECT IN ALL CASES TO THE ROAD OPENING LICENCE.
16. ALL TRAFFIC MANAGEMENT SHALL COMPLY WITH CURRENT STATUTORY AND ROAD AUTHORITY REQUIREMENTS. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE MAINTAINED. THE EXISTING PEDESTRIAN FOOTPATH ROUTE SHALL BE KEPT SAFELY OPERATIONAL THROUGHOUT THE WORKS, EXCEPT FOR SHORT-DURATION CONTROLLED CLOSURES/DIVERSIONS AGREED IN ADVANCE.
17. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PREVENT CONTAMINATION OF EXISTING AND PROPOSED POTABLE WATER INFRASTRUCTURE. OPEN PIPE ENDS SHALL BE SECURELY CAPPED WHEN WORK IS NOT IN PROGRESS.
18. ALL CONNECTIONS TO EXISTING MAINS SHALL BE UNDERTAKEN IN A CONTROLLED MANNER AND ONLY FOLLOWING AGREEMENT OF THE CONNECTION/SHUTDOWN PROCEDURE. EXISTING MAINS SHALL BE TREATED AS LIVE UNLESS CONFIRMED OTHERWISE.
19. THE COMPLETED WATERMAIN SHALL BE PRESSURE TESTED, FLUSHED, DISINFECTED, SAMPLED AND COMMISSIONED IN ACCORDANCE WITH THE CONTRACT SPECIFICATION AND UISCE EIREANN REQUIREMENTS BEFORE BEING PLACED INTO SERVICE.
20. THE CONTRACTOR SHALL MAINTAIN ACCURATE AS-BUILT RECORDS THROUGHOUT THE WORKS. FINAL AS-BUILT INFORMATION SHALL INCLUDE WATERMAIN ALIGNMENT, LEVELS WHERE REQUIRED, PIPE SIZE/MATERIAL, VALVES, HYDRANTS, AIR VALVES, WASHOUTS, METERS, BOUNDARY BOXES, SERVICE CONNECTIONS, FUSION JOINTS AND OTHER ASSETS, WITH COORDINATES TO THE REQUIRED IRISH GRID/UTM SYSTEM.
21. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY GROUND CONDITIONS, ROCK, UNHARDED SERVICES, CULVERTS, STRUCTURES OR OTHER CONDITIONS WHICH DIFFER MATERIALLY FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS.
22. ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE SAFETY, HEALTH AND WELFARE AT WORK (CONSTRUCTION) REGULATIONS 2013, AS AMENDED, THE PROJECT SAFETY AND HEALTH PLAN AND THE CONTRACTOR'S APPROVED METHOD STATEMENTS.
23. WHERE A CONFLICT EXISTS BETWEEN THE DRAWINGS, SPECIFICATION, BILL OF QUANTITIES, STANDARD DETAILS OR SITE CONDITIONS, THE CONTRACTOR SHALL SEEK THE ENGINEER'S INSTRUCTION BEFORE PROCEEDING. NO ASSUMPTION SHALL BE MADE WHICH MAY AFFECT THE PERMANENT WORKS.
24. MATERIALS AND PRODUCTS REQUIRING APPROVAL SHALL NOT BE ORDERED OR INCORPORATED INTO THE WORKS UNTIL THE RELEVANT TECHNICAL SUBMITTALS HAVE BEEN ACCEPTED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY WORKS, TEMPORARY SUPPORT, DEWATERING, TRENCH STABILITY, EXCAVATION SAFETY AND PROTECTION OF ADJACENT ROADS, FOOTPATHS, PROPERTY, STRUCTURES AND SERVICES NECESSARY TO EXECUTE THE PERMANENT WORKS SAFELY.

Sheet 4

Sheet 3

Sheet 4

REV.	DESCRIPTION	DATE	BY
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ARCHITECT	
CLIENT	RAHEEN GROUP WATER SCHEME
JOB	PROPOSED NEW WATERMAIN REPLACEMENT & ASSOCIATED WORKS
TITLE	Proposed Layout Plan Sheet 3 of 8

STATUS TENDER STAGE

Fergal Coughlan
Chartered Engineer

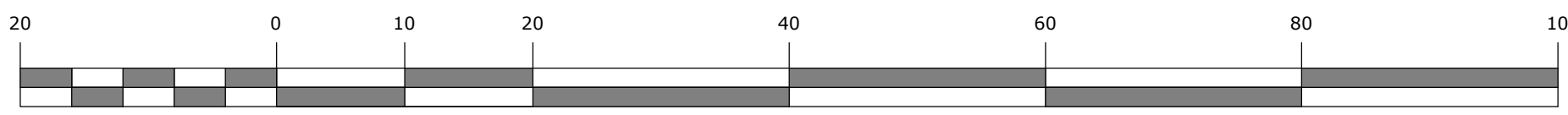
ADDRESS:

Tullyvaghan,
Spancillhill,
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Co. Clare.

Mobile: 087-2696692
Email: info@fergalcoughlan.com

SCALES As shown	
DATE June 2026	DRG. No.
DRAWN FC	F2026/RHGWS/004
CHECKED	
APPROVED	

GRAPHIC SCALE
(in meters)



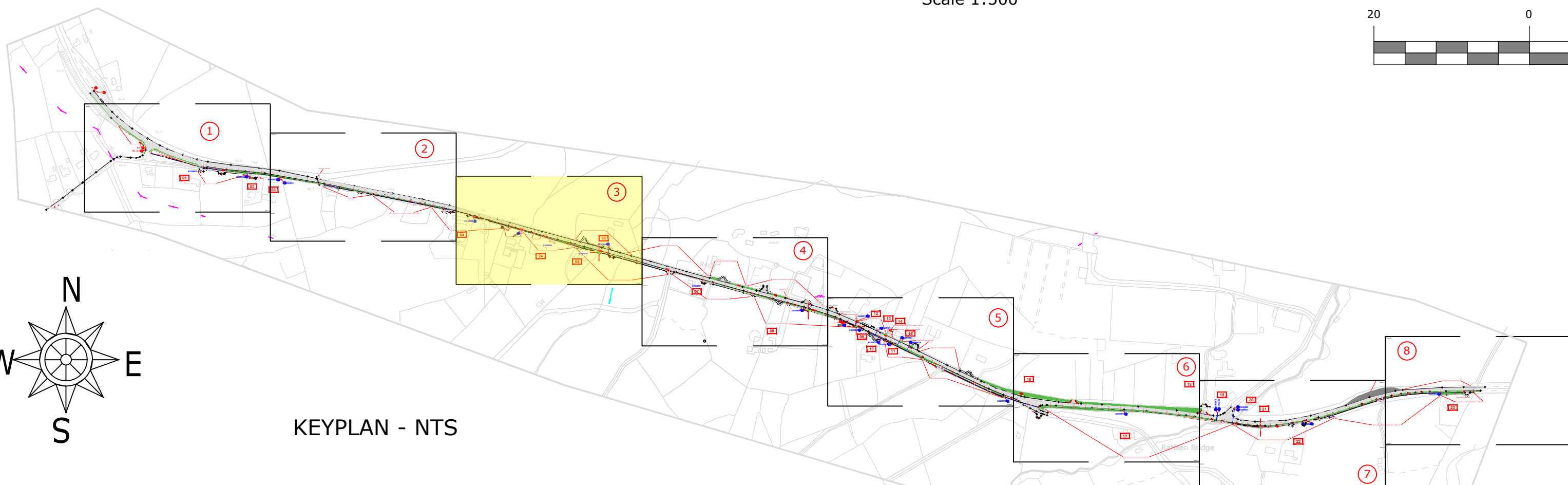
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LEGEND

- Proposed HDPE pipe SDR-17 watermain pipe, Rating to ISEN12201. Diameter as per longsection detail
- Existing pvc watermain pipe
- Existing overhead power / communication cables and poles
- Existing underground broadband service cables

- SV Sluice Valve
- AV Air Valve
- SC Scour Valve
- NR Non-Return Valve
- PRV Pressure Reducing Valve
- WH Wash Out Hydrant
- BM Bulk Water Meter
- HY Fire Water Hydrant
- McD Metered Connection - Dwelling House
- McL Metered Connection - Land/Agriculture
- McE Metered Connection - Combined Domestic and Land/Agriculture
- McC Metered Connection - Commercial
- McS Metered Connection - Site

SITE LAYOUT PLAN - SHEET 1
Scale 1:500



KEYPLAN - NTS

