



NOTE: FOR EXTENTS OF SITE REFER TO ARCHITECTS SITE LAYOUT AND SITE LOCATION MAP.

NOTE: PERMEABLE PAVING TO SPECIALIST DETAILS AND DESIGN.

Note:
Drainage diversion works to be completed first to facilitate the use of the existing sanitary facilities within the existing building. Upon connection being made to the new wastewater treatment system the existing wastewater treatment system and percolation area are to be de-sludged by a licensed waste removal operator and existing excavation where treatment system was filled with lean mix concrete.

LEGEND:

EXISTING SURFACE WATER SEWER	---
EXISTING FOUL SEWER	---
EXISTING COMBINED WATER SEWER	---
EXISTING SURFACE WATER SEWER TO BE DECOMMISSIONED	---
EXISTING FOUL SEWER TO BE DECOMMISSIONED	---
EXISTING COMBINED SEWER TO BE DECOMMISSIONED	---
PROPOSED SURFACE WATER MANHOLE	○ S1.0
PROPOSED SURFACE WATER SEWER	---
PROPOSED STORM INSPECTION CHAMBER	■ SIC 1.0
PROPOSED ROAD GULLY WITH 150mm DIA CONNECTION PIPE	□ RG
PROPOSED BACK INLET GULLY TRAP	□ BIGT
PROPOSED SURFACE WATER SEWER	---
PROPOSED FOUL SEWER MANHOLE	○ F1.0
PROPOSED FOUL SEWER	---
PROPOSED FOUL INSPECTION CHAMBER	■ FIC 1.0
PROPOSED FOUL ARMSTRONG JUNCTION	□ FAJ
PROPOSED RWHS MANHOLE	○ RWH1.0
PROPOSED RWHS SEWER	---
PROPOSED RWHS INSPECTION CHAMBER	■ RWHC 1.0
PROPOSED FOUL ARMSTRONG JUNCTION	□ RWHAJ 1.0

NOTE: ALL DIVERSION WORKS WILL BE SUBJECT TO APPROVAL BY THE RELEVANT SERVICE PROVIDERS. ALL WORKS TO BE COMPLETED TO THE RELEVANT CODES OF PRACTICES, DETAILS AND DESIGN.

- 1/ PROPOSED MANHOLE / CHAMBERS LOCATIONS ARE INDICATIVE ONLY EXACT POSITIONS OF MANHOLES / CHAMBERS TO BE DETERMINED ON SITE.
- 2/ PROPOSED MANHOLE / CHAMBER COVER LEVELS ARE APPROXIMATE ONLY TO BE CONFIRMED ON SITE.
- 3/ CONTRACTOR TO CONFIRM LOCATION OF ALL SERVICES ON SITE.
- 4/ CONTRACTOR TO PROTECT EXISTING SERVICES. ANY SERVICES DAMAGED OR DISRUPTED WILL BE REPAIRED AT CONTRACTORS OWN COST.
- 5/ POSITION & TYPE OF KNOWN SERVICES ARE INDICATIVE ONLY. THE CONTRACTOR MUST CONFIRM EXACT POSITION OF ALL SERVICES BY CARRYING OUT NECESSARY SURVEYS, SLIT TRENCHES & SCANNING PRIOR TO COMMENCEMENT OF WORKS.
- 6/ IN TRAFFICKED AREAS WHERE COVER TO PIPES IS LESS THAN 1.2m, PIPES TO BE ENCASED WITH CONCRETE.
- 7/ PLEASE NOTE THAT ALL FOUL & SURFACE WATER SEWERS PIPES CALLED UP ARE INTERNAL DIAMETERS.
- 8/ ALL MANHOLES IN LANDSCAPED AREAS TO HAVE A CONCRETE PLINTH TO MANHOLE COVER.
- 9/ ALL MANHOLES IN BRICK PAVED AREA TO HAVE RECESSED MANHOLE COVERS.
- 10/ ALL SURFACE WATER PIPES & FITTINGS TO BE TWIN WALL.
- 11/ ALL FOUL SEWER PIPES & FITTINGS TO BE WAVY WALL OR EQUAL APPROVED. ALL PIPE MATERIAL TO COMPLY WITH IRISH WATER CODE OF PRACTICE DOCUMENT IW-CDS-5030-03 SECTION 3.13.
- 12/ ALL FOUL SEWER WORKS SHALL BE DESIGNED & CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE DOCUMENT IW-CDS-5030-03 & IRISH WATER STANDARD DETAILS IW-CDS-5030-01.
- 13/ ALL CONNECTION WORKS IN THE PUBLIC SPACE OUTSIDE THE SITE BOUNDARY WILL BE COMPLETED BY THE IRISH WATER REGIONAL CONTRACTOR.
- 14/ PRECAST MANHOLES TO BE AS PER IW STD-WW-10. MANHOLES DEEPER THAN 3m TO BE APPROVED BY IRISH WATER & AS PER IW STD-WW-10.
- 15/ HYDROBRAKE MANHOLE LIMITING FLOWS TO 10L/S, INCLUDE PENSTOCK GATE VALVE ON INLET TO MANHOLE.

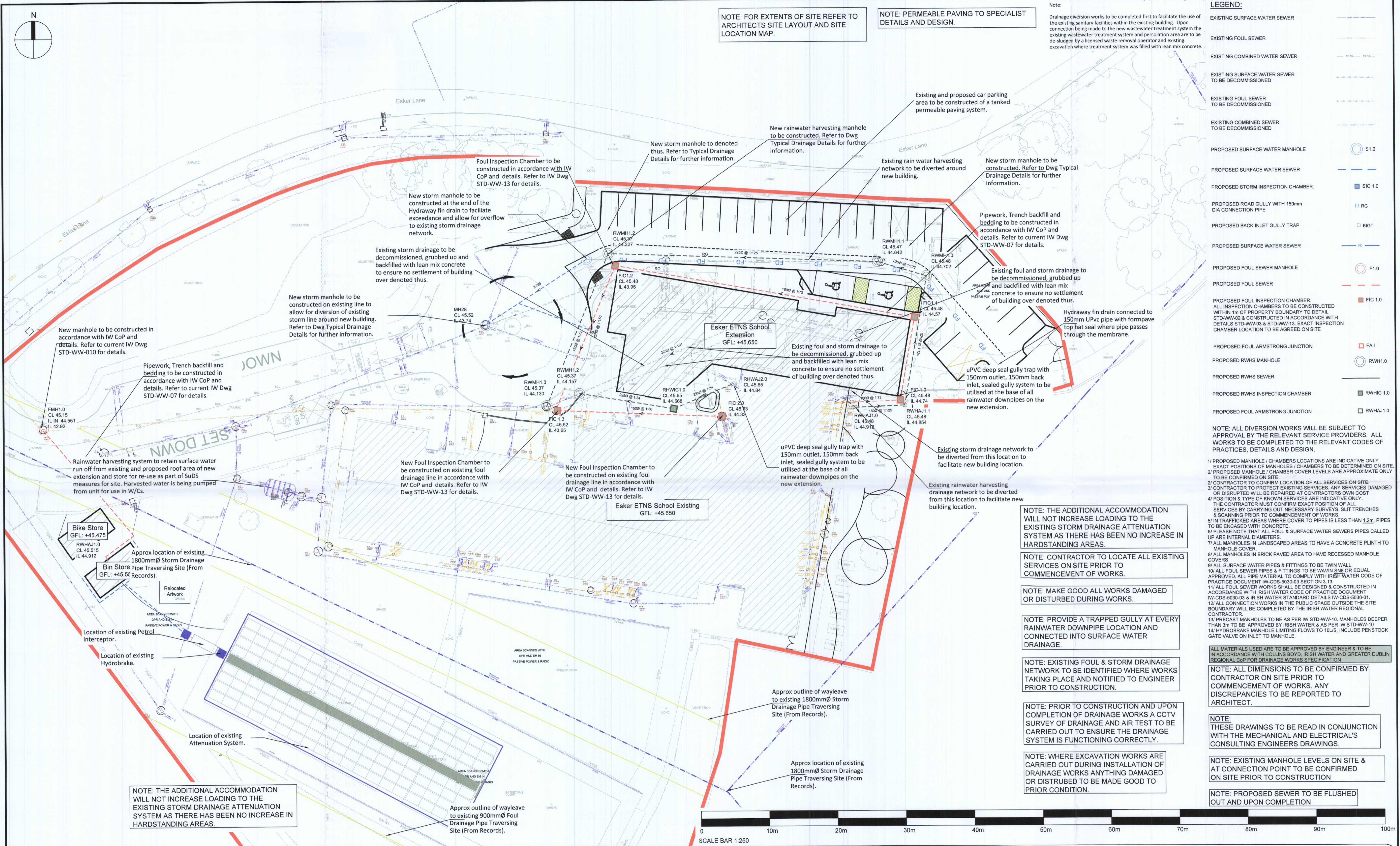
NOTE: ALL MATERIALS USED ARE TO BE APPROVED BY ENGINEER & TO BE IN ACCORDANCE WITH COLLINS BOYD, IRISH WATER AND GREATER DUBLIN REGIONAL CoP FOR DRAINAGE WORKS SPECIFICATION.

NOTE: ALL DIMENSIONS TO BE CONFIRMED BY CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE REPORTED TO ARCHITECT.

NOTE: THESE DRAWINGS TO BE READ IN CONJUNCTION WITH THE MECHANICAL AND ELECTRICAL'S CONSULTING ENGINEERS DRAWINGS.

NOTE: EXISTING MANHOLE LEVELS ON SITE & AT CONNECTION POINT TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.

NOTE: PROPOSED SEWER TO BE FLUSHED OUT AND UPON COMPLETION.



NOTE: THE ADDITIONAL ACCOMMODATION WILL NOT INCREASE LOADING TO THE EXISTING STORM DRAINAGE ATTENUATION SYSTEM AS THERE HAS BEEN NO INCREASE IN HARDSTANDING AREAS.

NOTE: CONTRACTOR TO LOCATE ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS.

NOTE: MAKE GOOD ALL WORKS DAMAGED OR DISTURBED DURING WORKS.

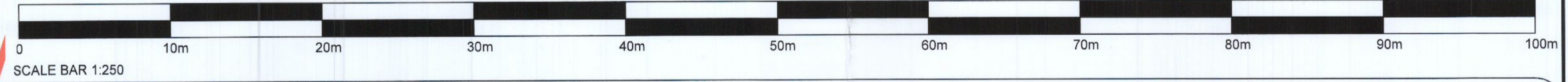
NOTE: PROVIDE A TRAPPED GULLY AT EVERY RAINWATER DOWNPIPE LOCATION AND CONNECTED INTO SURFACE WATER DRAINAGE.

NOTE: EXISTING FOUL & STORM DRAINAGE NETWORK TO BE IDENTIFIED WHERE WORKS TAKING PLACE AND NOTIFIED TO ENGINEER PRIOR TO CONSTRUCTION.

NOTE: PRIOR TO CONSTRUCTION AND UPON COMPLETION OF DRAINAGE WORKS A CCTV SURVEY OF DRAINAGE AND AIR TEST TO BE CARRIED OUT TO ENSURE THE DRAINAGE SYSTEM IS FUNCTIONING CORRECTLY.

NOTE: WHERE EXCAVATION WORKS ARE CARRIED OUT DURING INSTALLATION OF DRAINAGE WORKS ANYTHING DAMAGED OR DISTURBED TO BE MADE GOOD TO PRIOR CONDITION.

NOTE: THE ADDITIONAL ACCOMMODATION WILL NOT INCREASE LOADING TO THE EXISTING STORM DRAINAGE ATTENUATION SYSTEM AS THERE HAS BEEN NO INCREASE IN HARDSTANDING AREAS.



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Rev	Description	By	Date
PR0	Issued for DT Review prior to Planning Issue	MG	23/11/2022
PR1	Revised Red Line Boundary	MG	24/11/2022
PL0	Issued for Planning	MG	01/12/2022

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Drawing Title:
Proposed Drainage Layout

Job Title:
Proposed Additional Accommodation Scheme to Esker Educate Together National School, Esker Lane

Status:	Planning
Date:	November 2022
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