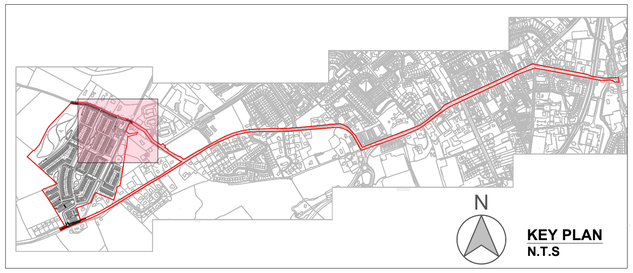
WASTEWATER - LEGEND

PROPOSED FOUL SEWER

REDUCED COVER FOR PIPEWORK THROUGHOUT SITE. ALL PIPES WITH LESS THAN 1.2m COVER ARE TO BE ENCASED IN CONCRETE AS PER UE STD-WW-08.

ANY PIPE CROSSINGS WITH LESS THAN 300mm COVER ARE TO BE CONCRETE ENCASED.

ALL INFRASTRUCUTRE IS TO BE BUILT TO UISCE EIREANN CODES OF PRACTICE AND STANDARD DETAILS.



STORMWATER - LEGEND

- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- OPEN WIDE SWALE CASCADE SYSTEM
- WET LAND / BASIN
- BIO SWALE WITH OPEN GRATED MANHOLE
- PERMEABLE PAVING
- PRE CAST CONCRETE HEAD WALL
- LAND DRAIN

SITE ENTRANCE

SITE ENTRANCE

PEDESTRIAN/ CYCLE ACCESS

OPEN SPACE

OPEN SPACE

IN

OUT

drop-off

MINIMUM DISTANCE FROM TREES, ATTENUATION TANK, SERVICES AND BOUNDARY WALLS TO BE IN LINE STD-WW-05, STD-WW-06 AND STD-WW-06A

OIL SEPARATOR NSBE125 (OR SIMILAR)
125.0 l/s
200mm DROP ACROSS

HYDROBRAKE OR SIMILAR APPROVED
HEAD 4.1m
MAX OUTFLOW 115.0 l/s

UNDERGROUND ATTENUATION VOLUME = 1,150 m3

WET LAND POND ATTENUATION VOLUME = 1,260 m3

HEAD WALL TO BE DISCHARGED INTO WETLAND

HEAD WALL TO BE DISCHARGED INTO WETLAND

PERMANENT WATER LEVEL

SPLAY BLOCK LIMITS

SPLAY BLOCK LIMITS

PROPOSED STORM AND FOUL DRAINAGE - SHEET 4 OF 5

SCALE 1:500

NOTES

1. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF AKM DESIGN AS COPYRIGHT HOLDER, EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DRAWING IS ORIGINALLY ISSUED.
2. ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.

WASTEWATER

1. WASTEWATER SERVICES ARE TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE DOC IW-CDS-5030-03.
2. ALL INFRASTRUCTURE WILL BE PROVIDED IN LINE WITH THE IRISH WATER STANDARD DETAILS.
3. uPVC SN8 PIPES TO BE USED FOR FOUL WASTEWATER SEWER LAYOUT IN ACCORDANCE TO SECTION 3.13.
4. MANHOLES LOCATED IN GRASS AREAS ARE TO BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP FORMED OF C20/25 CONCRETE, 20MM AGGREGATE SIZE BEDDED IN CASE 804 MATERIAL.
5. MANHOLES DEEPER THAN 3m AND LESS THAN 6m TO BE CONSTRUCTED AS PER IW-CDS-5030-03 SECTION 3.12.
6. SEWER SPACINGS TO BE AS PER IRISH WATER STANDARD DETAIL STD-WW-05:
   - ALL SEWER PIPES TO BE A MINIMUM OF 300mm AWAY FROM OUTSIDE OF MANHOLES.
   - ALL SEWER PIPES TO BE A MINIMUM OF 1000mm AWAY FROM ROAD KERBS.
   - ALL MANHOLES TO BE A MINIMUM OF 500mm AWAY FROM ROAD KERBS.
7. ALL PIPE CROSSINGS WITH LESS THAN 300mm VERTICAL CLEARANCE TO BE ENCASED IN CONCRETE.

STORMWATER

1. STORMWATER SERVICES ARE TO BE IN ACCORDANCE WITH "RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS", "GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS" AND LOCAL AUTHORITY REQUIREMENTS.
2. uPVC SN8 PIPES TO BE USED FOR STORM WATER SEWER LAYOUT.

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DESCRIPTION	REV	DATE
FIRST ISSUE	00	10/25
REVISED AS PER UISCE EIREANN COMMENTS	01	11/25

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STAGE: S4 - FOR PLANNING

DRAWN BY:	APPROVED BY:	AKM JOB NUMBER:
DO	CK	25007
DATE: 11/25		SCALE: 1:500 @ A1
REVISION NUMBER: 01		SEQUENCE NUMBER: 300005

25007-AKM-XXXX-XX-DR-C01-300005

PROJECT TITLE: GOREY RESIDENTIAL DEVELOPMENT

DRAWING TITLE: PROPOSED STORM AND FOUL DRAINAGE - SHEET 4 OF 5

CLIENT: GLENVEAGH HOMES