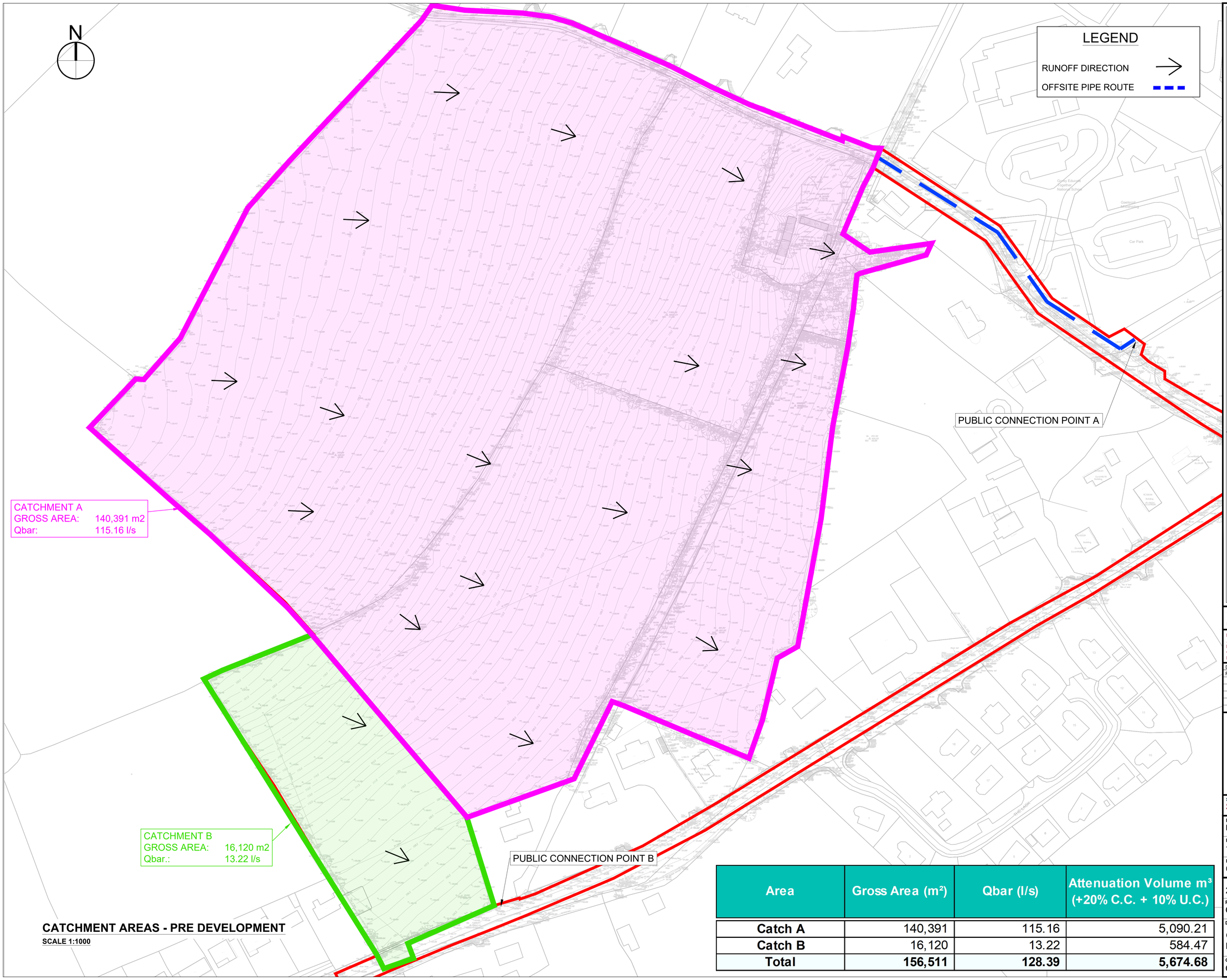


CATCHMENT AREAS - PRE DEVELOPMENT

SCALE 1:1000

Area	Gross Area (m²)	Qbar (l/s)	Attenuation Volume m³ (+20% C.C. + 10% U.C.)
Catch A	140,391	115.16	5,090.21
Catch B	16,120	13.22	584.47
Total	**156,511**	**128.39**	**5,674.68**

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.
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. SEWER SPACINGS TO BE AS PER IRISH WATER STANDARD DETAIL STW-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.
6. 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

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STAGE: S4 - FOR PLANNING

DRAWN BY:	APPROVED BY:	AKM JOB NUMBER:
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DATE: 10/25		SCALE: 1:1000 @ A1
REVISION NUMBER: 00		SEQUENCE NUMBER: 300201

25007-AKM-XXXX-XX-DR-C01-300201

PROJECT TITLE: GOREY RESIDENTIAL DEVELOPMENT

DRAWING TITLE: CATCHMENT AREAS - PRE DEVELOPMENT

CLIENT: GLENVEAGH HOMES