STORM WATER VOLUME & ASSOCIATED ATTENUATION WATER LEVEL TBC FOLLOWING DRAINAGE DISCHARGE RATE AND LOCATION CONFIRMATION BY GALLIFORD TRY / PCML.

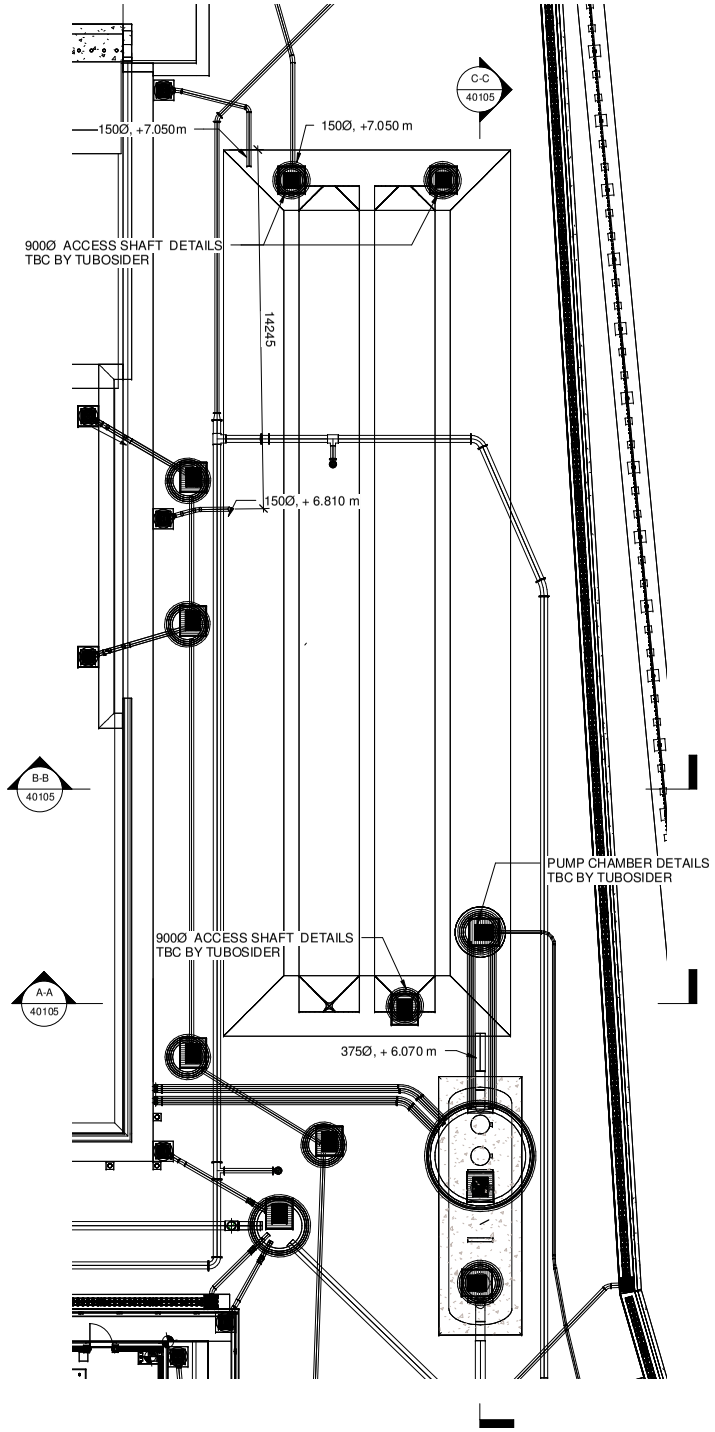
STORM WATER LEVELS.
BASED ON 3 Lts/S DISCHARGE

1:1	YEAR STORM - 120m³
1:30	YEAR STORM - 350m³
1:100	YEAR STORM - 485m³

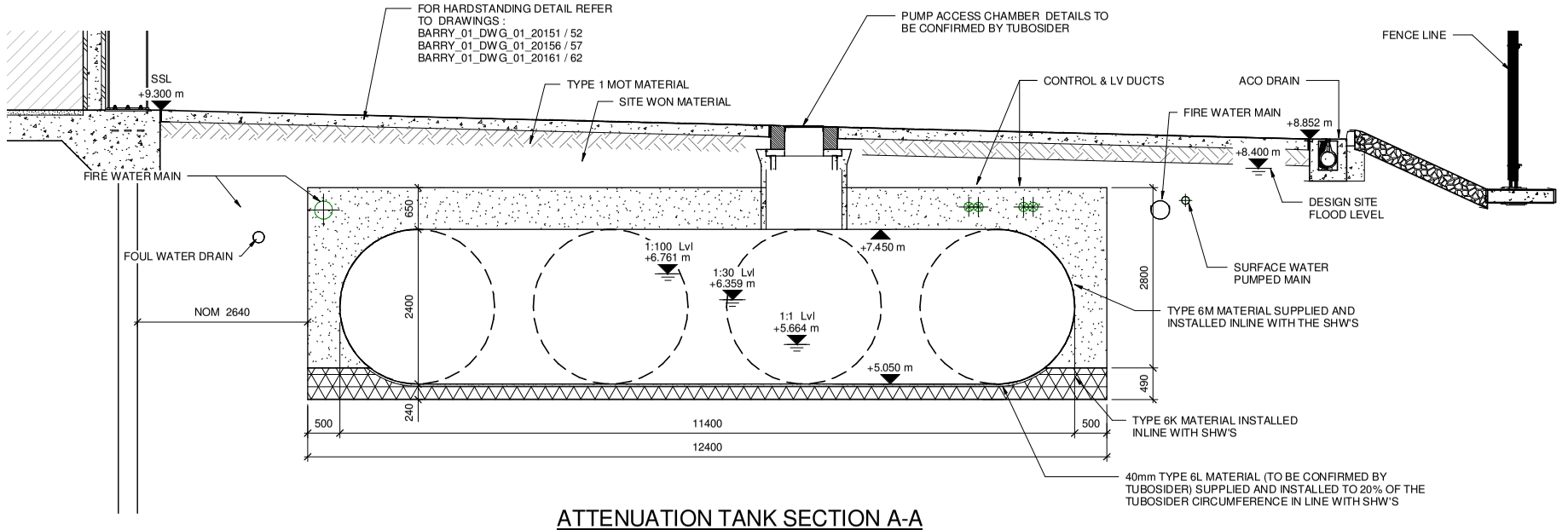
24000mm DIAMETER ATTENUATION TANK LAID TO FALLS. TANK INSTALLED WITH BEDDING SURROUND AS TYPICAL DETAIL TO SUPPLIER SPECIFICATION:

TOTAL ATTENUATION - 706m³
ATTENUATION TANK STORAGE VOLUME - 652.8m³
FRB BUILDING PIT STORAGE VOLUME - 54m³

VOLUME REQUIREMENTS BASED ON 220m³ FIRE DEMAND, 369m³ SPRINKLER DEMAND & 120m³ 1:100 YEAR STORM.

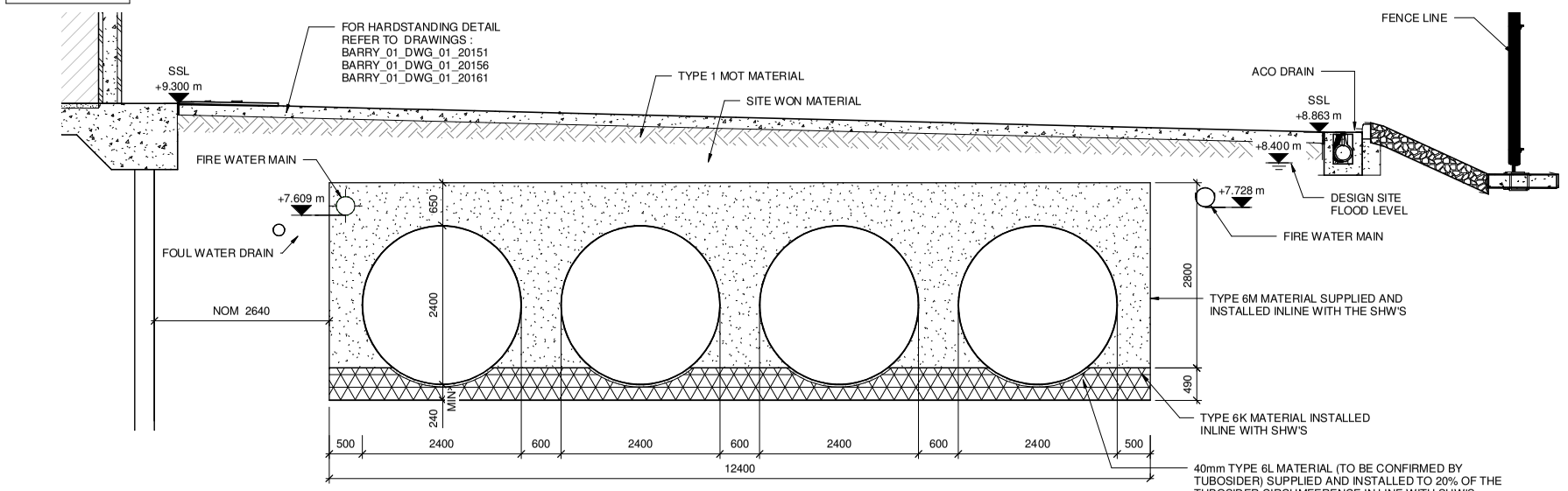


PLAN ON ATTENUATION TANK

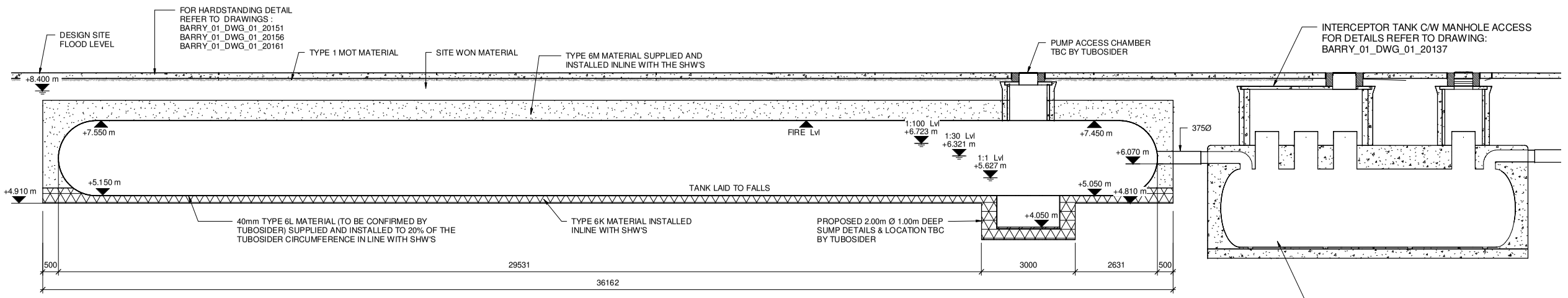


ATTENUATION TANK SECTION A-A

FRB BUILDING



ATTENUATION TANK SECTION B-B



ATTENUATION TANK SECTION C-C

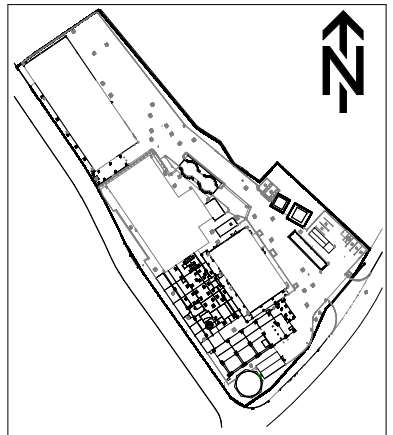
NOTES

GENERAL

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN MILLIMETRES (mm) & ALL LEVELS ARE IN METRES (m) AOD, UNLESS STATED OTHERWISE.
3. ALL DIMENSIONS & LEVELS TO BE CHECKED ON SITE AND ANY DISCREPANCIES SHOULD BE REPORTED TO GHD LIVIGUNN.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT PROJECT STANDARDS AND SPECIFICATIONS.

DRAINAGE:

1. ALL DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CESWI 7TH EDITION
2. ALL TUBOSIDER ELEMENTS TO BE INSTALLED INLINE WITH MANUFACTURES DETAILS
3. ALL BEDDING TO OTHER SERVICES AS STANDARD DETAIL DRAWING : BARRY_01_DWG_01_20135



LOCATION PLAN

2D EXPORT FROM A 3D MODEL
ALL ALTERATIONS TO BE MADE IN THE MODEL FILE

FOR INFORMATION

Rev	Date	Description	By	Chk	App
A	16.10.17	ISSUED FOR INFORMATION	JW	MS	NR

Revision

GHD LIVIGUNN
The Studio
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Cheadle
SK8 1ES
0161 491 4600
info@ghdlivigunn.com

CLIENT: GallifordTry

PROJECT: BARRY BIOMASS UK NO 2 LIMITED

TITLE: PLANNING LAYOUT ATTENUATION TANK

SCALE	DRAWING SIZE
SEE DRAWING	A1

DWG No.	REV.
BARRY_19_DWG_01_40105	A