

- DO NOT SCALE**
- NOTES:**
1. DESIGN IS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. ANY DIFFERENCES ARE TO BE REPORTED TO THE ENGINEER.
 2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOOK FOR ANY EXISTING OR NEW SITE ACCURATELY. THE CONTRACTOR SHOULD COMPLY WITH HSG 47 "AVOIDING DANGER FROM UNDERGROUND SERVICES" WHEN EXCAVATING AROUND EXISTING SERVICES.
 3. A MINIMUM 1MM THICKNESS HDPE IMPERMEABLE GEOMEMBRANE WITH A POSITIVE TENSILE STRENGTH GEOTEXTILE FLEECE TO BE SEALED BY HEAT WELDING OR TO MANUFACTURERS SPECIFICATION. JOINTS ARE TO OVERLAP BY MINIMUM 300mm WITHOUT ANY FOLDS OR CREASES, AND TO BE SUITABLY WELDED. TO BE LAID IN ACCORDANCE WITH MCHW CC 601 CLAUSE 4 AND CP 601 CLAUSE 4.
 4. NON-WOVEN PERMEABLE GEOTEXTILE TO BE TERRAM 11000 OR SIMILAR APPROVED PRODUCT. TO BE INSTALLED TO MANUFACTURERS REQUIREMENTS AND SPECIFICATIONS.
 5. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE. ALL LEVELS ARE TO ORDNANCE SURVEY LEVELS.

KEY

- | | |
|---|--|
|  | PROPOSED CARRIER PIPE |
|  | PROPOSED INSPECTION CHAMBER |
|  | PROPOSED HEADWALL |
|  | IMPERMEABLE BENTOTEX GEOSYNTHETIC CLAY LINER |
|  | EROSION CONTROL MATTING |
|  | EXISTING GROUND LEVEL |
|  | MAXIMUM WATER LEVEL |
|  | PERMANENT WATER LEVEL |
|  | COMPACTED CLASS 6I/J GRANULAR BACKFILL |
|  | COMPACTED STONE |
|  | SOIL BACKFILL |
|  | TOPSOIL |
|  | IN-SITU SOIL |
|  | CLEAN GRAVEL |
|  | WELDED MESH GABION MATTRESS |



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P01	13/03/2026	TB	FOR TENDER	ES	SA
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: D2 - FOR TENDER



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CLIENT

Knowsley Metropolitan Borough Council

SITE/PROJECT

Halewood LUF

TITLE:

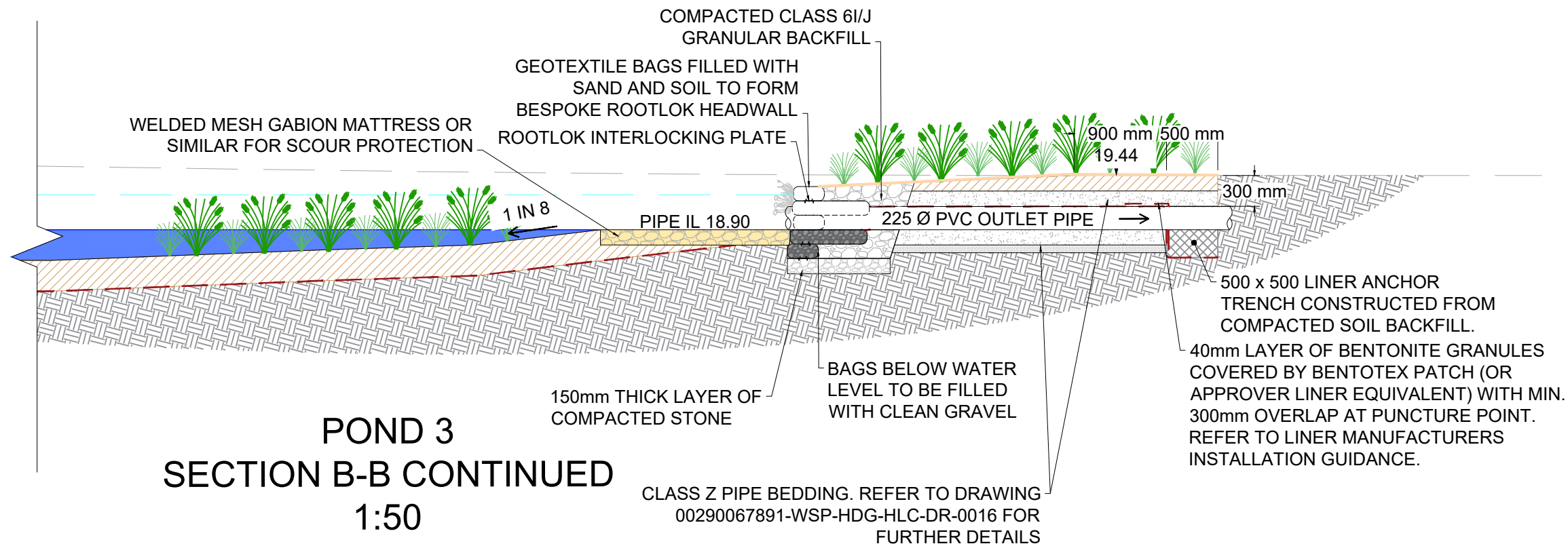
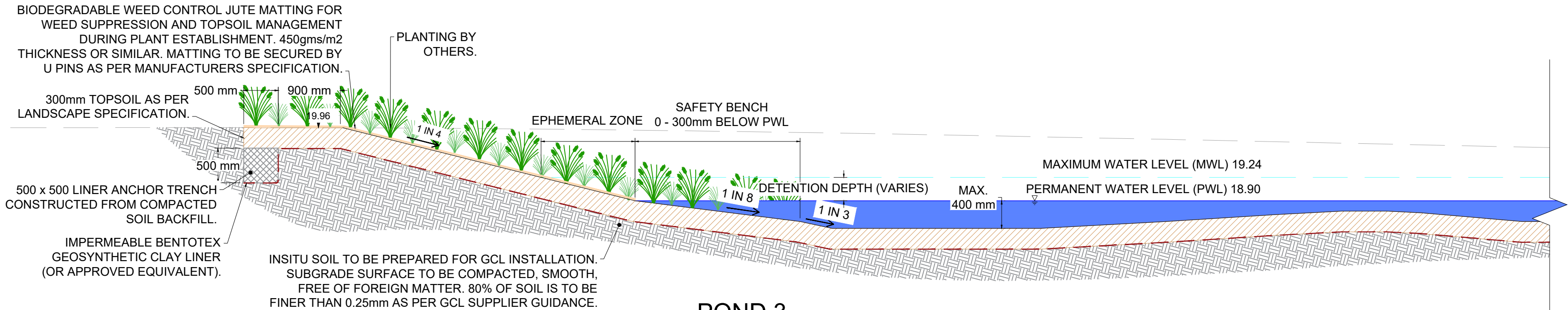
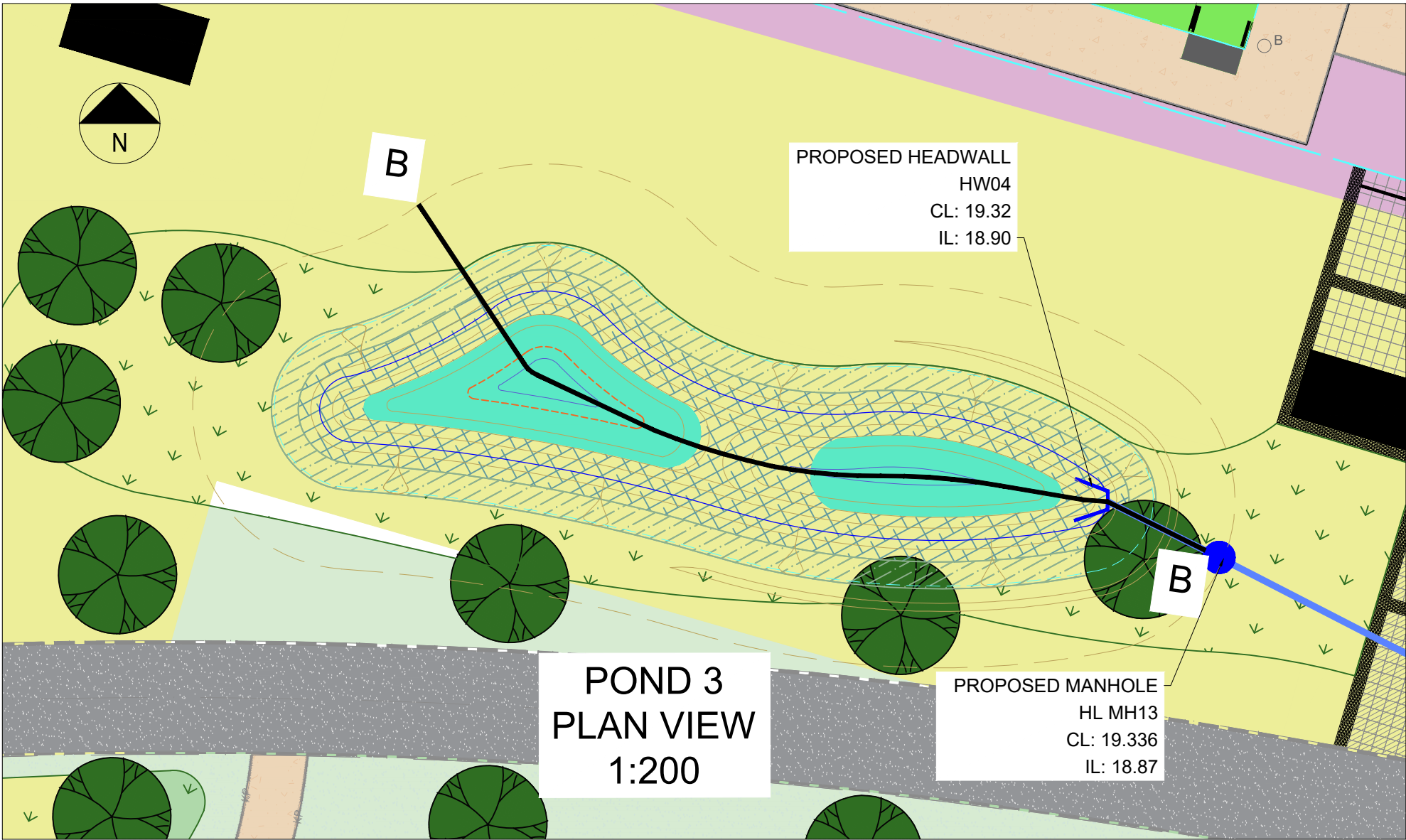
Halewood Leisure Centre
Proposed Pond 1 & 2 Cross Section

SCALE @ A1:	CHECKED:	APPROVED:
AS SHOWN	ES	SA
PROJECT NO:	DESIGNED:	DRAWN:
00290067981	TB	TB
		DATE:
		March 26

DRAWING No:	REV:
00290067981-WSP-HDG-HLC-DR-0009	P01

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File name: \\UK-VISGROUP\COM\CENTRAL DATA\PROJECTS\01\19\00\07\1978\NIBC-HALEWOOD LUF REA-303\MPDRAINAGE ENGINEERING\03 DRAWINGS\00290067981-WSP-HDG-HLC-DR-0016-0011 - POND SECTIONS_TB UPDATE.DWG, printed on 22 April 2026 15:15:18, by Helen.Zou



DO NOT SCALE

- NOTES:
- DESIGN IS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. ANY DIFFERENCES ARE TO BE REPORTED TO THE ENGINEER.
 - IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATED EXISTING SERVICES ON SITE ACCURATELY. THE CONTRACTOR SHOULD COMPLY WITH HSG 47 'AVOIDING DANGER FROM UNDERGROUND SERVICES' WHEN EXCAVATING AROUND EXISTING SERVICES.
 - MINIMUM 1MM THICKNESS HDPE IMPERMEABLE GEOTEXTILE FLEECE TO BE SEALED BY HEAT WELDING OR TO MANUFACTURERS SPECIFICATION. JOINS ARE TO OVERLAP BY MINIMUM 300mm WITHOUT ANY FOLDS OR CREASES, AND TO BE SUITABLY WELDED. TO BE LAID IN ACCORDANCE WITH MCHW CC 601 CLAUSE 4 AND CP 601 CLAUSE 4.
 - NON-WOVEN PERMEABLE GEOTEXTILE TO BE TERRAM T1000 OR SIMILAR APPROVED PRODUCT. TO BE INSTALLED TO MANUFACTURERS REQUIREMENTS AND SPECIFICATIONS.
 - ALL DIMENSION ARE IN MILLIMETERS UNLESS STATED OTHERWISE. ALL LEVELS ARE TO ORDNANCE SURVEY LEVELS.

KEY

- PROPOSED CARRIER PIPE
- PROPOSED INSPECTION CHAMBER
- PROPOSED HEADWALL
- IMPERMEABLE BENTOTEX GEOSYNTHETIC CLAY LINER
- EROSION CONTROL MATTING
- EXISTING GROUND LEVEL
- MAXIMUM WATER LEVEL
- PERMANENT WATER LEVEL
- COMPACTED CLASS 6/1/1 GRANULAR BACKFILL
- COMPACTED STONE
- SOIL BACKFILL
- TOPSOIL
- IN-SITU SOIL
- CLEAN GRAVEL
- WELDED MESH GABION MATTRESS



P01	13/03/2025	TB	FOR TENDER	ES	SA
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: D2 - FOR TENDER



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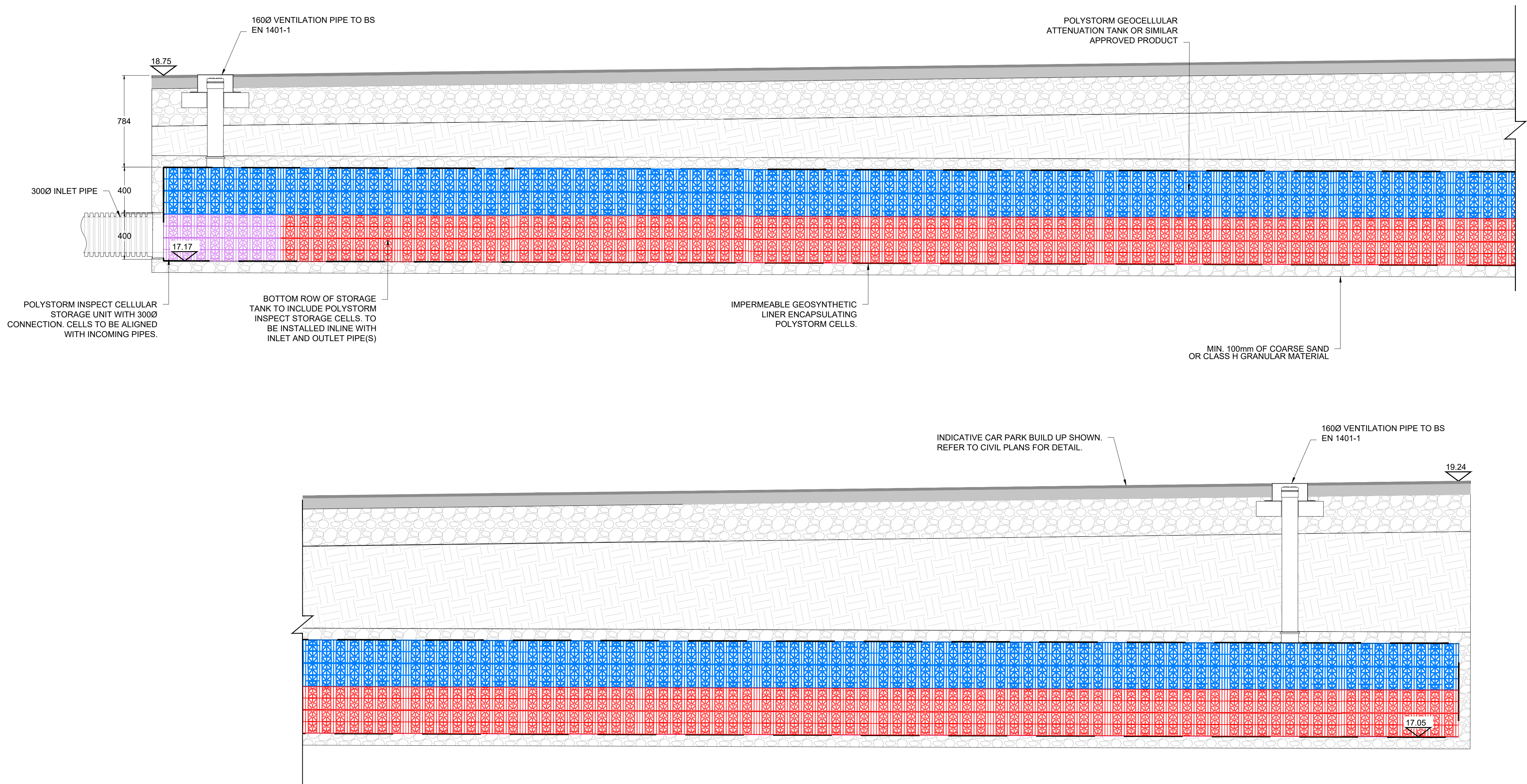
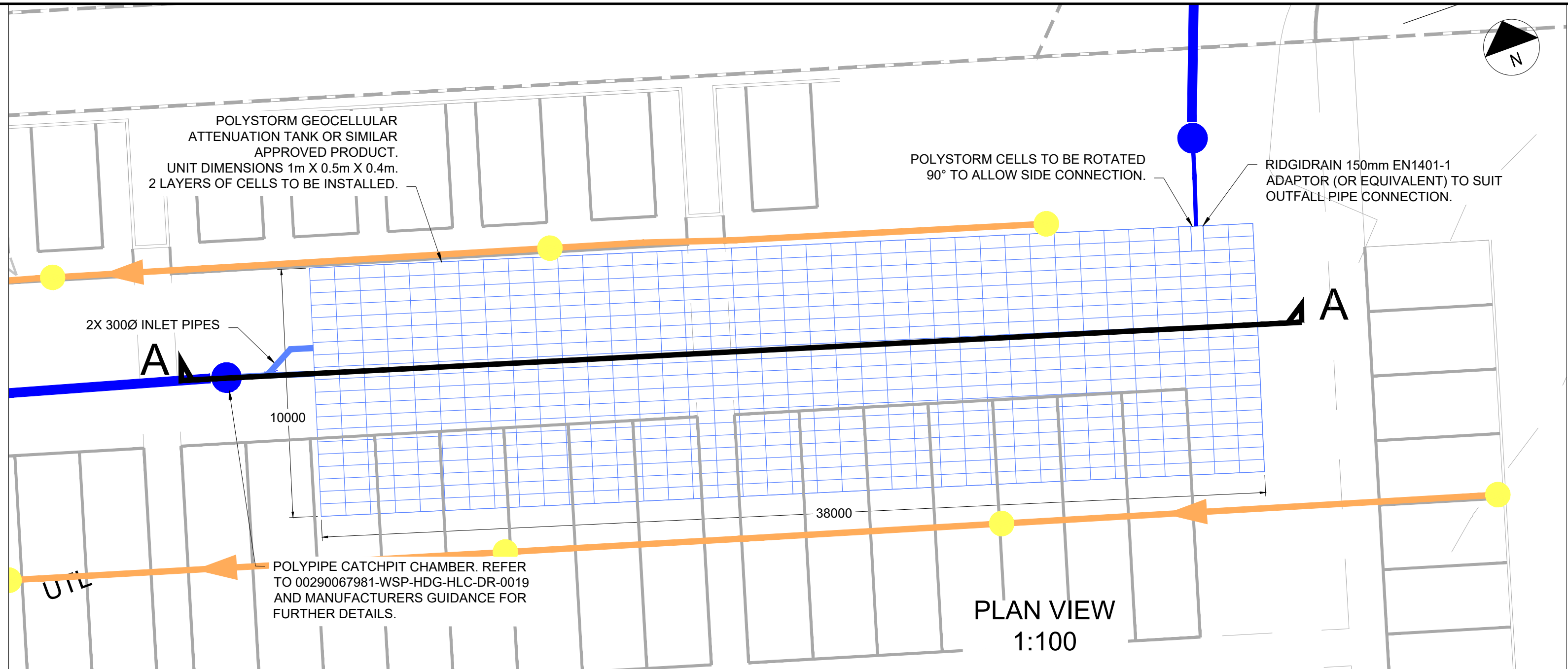
SITE/PROJECT: Halewood LUF

TITLE: Halewood Leisure Centre
Proposed Pond 3 Sections

SCALE @ A1: As Shown	CHECKED: ES	APPROVED: SA
PROJECT NO: 00290067981	DESIGNED: TB	DATE: March 26

DRAWING No: 00290067981-WSP-HDG-HLC-DR-0010	REV: P01
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REV	DATE	BY	DESCRIPTION	CHK	APP

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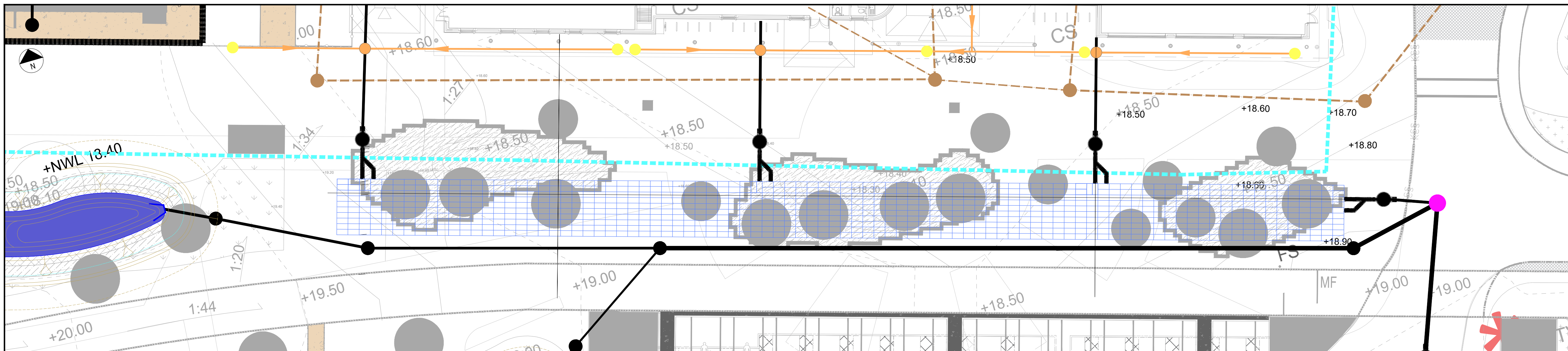
SITE/PROJECT:
Halewood LUF

TITLE:
**Halewood Leisure Centre
Proposed Car Park
Cellular Crate Storage Sections**

SCALE @ A1: VARIES	CHECKED: ES	APPROVED: SA
PROJECT NO: 00290067981	DESIGNED: SA	DRAWN: SA
DATE: March 26		REV:

DRAWING No: 00290067981-WSP-HDG-HLC-DR-0011	REV: P01
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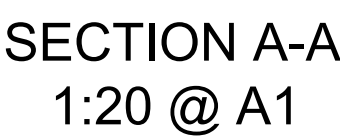
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SITE/PROJECT: Halewood LUF

SCALE @ A1: N/A	CHECKED: ES	APPROVED: SA
PROJECT NO: 00290067981	DESIGNED: SA	DRAWN: SA
		DATE: March 26

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DR04- DEEP EXCAVATIONS
DR06- STRIKE OF EXISTING UTILITIES
DR07- EXISTING DRAINAGE TO BE RETAINED

The table above is provided to assist the Principal Contractor to fulfill their obligations under the Construction Design & Management Regulations, 2015. It does not include residual risks that a competent Contractor will be aware of nor does it absolve the Principal Contractor of his legal responsibilities. For further hazard and risk information, refer to Design Risk Management Schedule (T446).

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION BOX