



**LEGEND**

- 55.77 Existing Ground Levels (Original Topographic Survey)
- 56.525 Additional levels information
- 58.20 Proposed ground level
- <1:5 Proposed Fall (grade)
- Aqueduct 10m Offset
- Interception Drain
- Existing Water Main to remain
- Existing Water Main to be diverted
- Existing Water Main diversion route
- Existing Aqueducts
- Section Locations

**NOTES**

A) FENCING DETAILS TO BE SPECIFIED FOLLOWING DISCUSSIONS WITH MAINTENANCE / MANAGEMENT COMPANY AND ALSO BASED ON ADVICE FROM PLAY GROUND MANAGEMENT COMPANY DUE TO PROXIMITY.

B) DETAILED GEOTECHNICAL INPUT REQUIRED (BY OTHERS) TO DETERMINE THE CONSTRUCTION DETAILS AND METHODOLOGY DUE TO THE GROUND CONDITIONS, IN PARTICULAR BANKSLOPE STABILITY AND GROUNDWATER ISSUES.

**POND SPECIFICATION**

Inlet level = 56.20m AOD  
 Outlet level = 56.199m AOD  
 Base level = 56.20m AOD  
 Top of Bank level = 58.00m AOD  
 Spillway level = 57.85m AOD  
 Base Area = 414.36sqm  
 Area at Top of Bank level = 1182.75sqm  
 Volume to Spillway level = 1238.7cu.m

TWL Q1 = 56.565m AOD  
 Depth of water = 365mm  
 Freeboard Q1 = 1.285m (based on spillway level)

TWL Q30 = 57.095m AOD  
 Depth of water = 895mm  
 Freeboard Q30 = 755mm (based on spillway level)

TWL Q100+30%CC = 57.716m AOD  
 Depth of water = 1.516m  
 Freeboard Q100+30%CC = 134mm (based on spillway level)  
 Volume to TWL = 1093.0cu.m  
 Freeboard as a volume = 145.7cu.m (13%)

REV	DATE	BY	DESCRIPTION	CHK
C	12.08.2015	RDN	MINOR AMENDMENTS TO REFLECT DESIGN TEAM COMMENTS AND THE REVISED IMPERMEABLE AREAS.	JC
B	27.07.2015	RDN	MINOR AMENDMENTS PLUS LEGEND ADDED.	RA
A	24.07.2015	RDN	ISSUED FOR DESIGN TEAM REVIEW	RDN

DRAWING STATUS: **PRELIMINARY**

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**REDROW**  
 LANCASHIRE

PROJECT: **CLITHEROE ROAD WHALLEY**

FILE: **POND A LAYOUT**

DATE: JULY 2015 SCALE: 1:200 @ A1 DRAWN: RDN CHECKED: RA

PROJECT No: **RED 561** DRAWING No: **2000** REV: **C**