



LEGEND

- 55.77 Existing Ground Levels (Original Topographic Survey)
- 58.25 Additional levels information
- 58.20 Proposed ground level
- <<1:5 Proposed Fall (grade)
- 10m STAIN OFF 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 = 58.20m AOD
 Outlet level = 58.199m AOD
 Base level = 58.20m AOD
 Top of Bank level = 59.50m AOD
 Spillway level = 59.35m AOD
 Base Area = 500.0sqm
 Area at Top of Bank level = 898.2sqm
 Volume to Spillway level = 766.3cu.m

TWL Q1 = 58.466m AOD
 Depth of water = 266mm
 Freeboard Q1 = 84mm (based on spillway level)

TWL Q30 = 58.864m AOD
 Depth of water = 664mm
 Freeboard Q30 = 486mm (based on spillway level)

TWL Q100+30%CC = 59.331m AOD
 Depth of water = 1.131m
 Freeboard Q100+30%CC = 19mm (based on top of bank not spillway)
 Volume to TWL = 750.3cu.m
 Freeboard as a volume = 16.0cu.m (2%)

REV	DATE	BY	DESCRIPTION	CHK
D	12.08.2015	RDN	TWL IN POND B AMENDED BY 10mm FOR Q100.	JC
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 B LAYOUT

DATE: JULY 2015	SCALE @ SIZE: 1:200 @ A1	DRAWN: RDN	CHECKED: RA
PROJECT No: RED 561	DRAWING No: 2001	REV: D	

DO NOT SCALE

