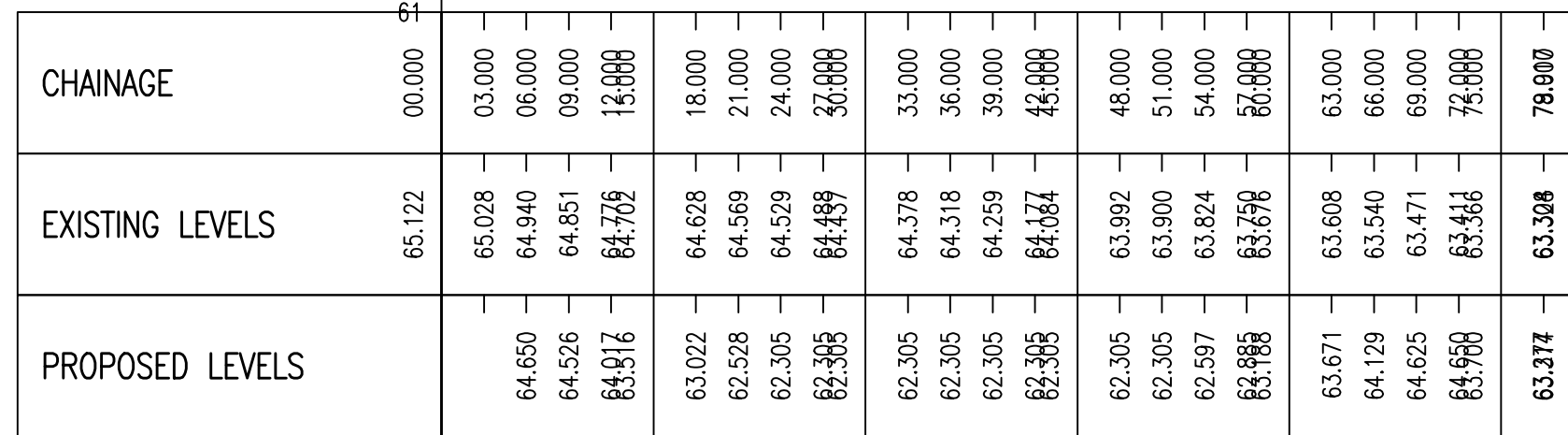


[illegible]

PROPOSED LEVELS	EXISTING LEVELS	CHAINAGE
—	64.988	00.00
—	65.013	03.00
—	65.026	06.00
64.650	64.986	09.00
64.722	64.867	12.000
63.050	64.888	18.00
62.405	64.532	21.000
62.305	64.798	24.00
62.305	64.656	27.000
62.305	64.607	33.00
62.305	64.553	36.00
62.305	64.498	39.00
62.305	64.457	42.000
62.305	64.349	48.00
62.305	64.301	51.00
62.305	64.259	54.00
62.305	64.223	57.000
62.305	64.172	63.00
62.305	64.166	66.00
62.305	64.162	69.00
62.305	64.159	72.000
62.305	64.174	78.00
62.305	64.185	81.00
62.305	64.195	84.00
62.305	64.195	87.000
62.305	64.189	93.00
62.305	64.183	96.00
62.305	64.170	99.00
62.305	64.154	102.000
62.305	64.119	108.00
62.305	64.106	111.00
62.305	64.095	114.00
62.305	64.282	123.000
62.305	64.335	129.000
62.305	64.425	136.00
62.305	64.473	141.000
62.305	64.528	144.00
62.305	64.581	147.000
62.305	64.691	153.00
62.305	64.740	156.00
62.305	64.789	159.00
62.305	64.838	162.000
62.305	64.855	168.00
62.305	65.068	173.000

Site plan of a pond with four headwalls and a hydrobrake. The plan shows the pond's irregular shape with a dashed line for the earthworks formation. Four headwalls are labeled: HEADWALL 8 (top left), HEADWALL 9 (bottom left), HEADWALL 10 (bottom right), and HEADWALL 11 (top right). A hydrobrake is located on the right side. Section lines 1 and 2 are shown. A scale bar at the bottom right indicates 0 to 12.5 metres.

HEADWALL 8
 ATHLON PRECAST CONCRETE HEADWALL
 SFA15B (OR SIMILAR APPROVED)
 TOP OF WALL LEVEL 64.760m
 PIPE INVERT LEVEL 62.450m
 HEADWALL INVERT LEVEL 62.350m
 PIPE Ø 1050mm

HEADWALL 9
 ATHLON PRECAST CONCRETE HEADWALL
 SFA10A (OR SIMILAR APPROVED)
 TOP OF WALL LEVEL 63.250m
 PIPE INVERT LEVEL 62.450m
 HEADWALL INVERT LEVEL 62.350m
 PIPE Ø 300mm

HEADWALL 10
 ATHLON PRECAST CONCRETE HEADWALL
 SFA10C (OR SIMILAR APPROVED)
 TOP OF WALL LEVEL 63.960m
 PIPE INVERT LEVEL 62.450m
 HEADWALL INVERT LEVEL 62.350m
 PIPE Ø 525mm

HEADWALL 11
 ATHLON PRECAST CONCRETE HEADWALL
 SFA10C (OR SIMILAR APPROVED)
 TOP OF WALL LEVEL 63.385m
 PIPE INVERT LEVEL 62.305m
 HEADWALL INVERT LEVEL 62.305m
 PIPE Ø 600mm

HYDROBRAKE FLOW CONTROL DEVICE
 SHE-0474-1672-2200-1672
 RESTRICTED FLOW ~ 167.2 l/s

SMH281
 CL 63.680
 IL 62.450

SMH287
 CL 62.854
 IL 62.450

SMH297
 CL 63.122
 IL 62.450

SMH333
 CL 63.064
 IL 62.305

SMH334
 CL 64.650
 IL 62.305

SECTION 1

SECTION 2

LOCALISED RE-PROFILE OF POND EMBANKMENT AROUND STRUCTURE

PCC HEADWALL BY ALTHON OR SIMILAR APPROVED. EXACT HEADWALL LOCATION TO BE AGREED ON SITE TO SUIT EMBANKMENT SLOPE

EARTHWORKS FORMATION OF POND TO BE DRESSED WITH 600mm DEPTH OF TOPSOIL TO FINISHED GROUND LEVELS. DEPTH OF TOPSOIL TO BE CONFIRMED WITH LANDSCAPE ARCHITECT.

0 1:250 12.5 metres

- | | | | | | |
|-----|------------|-----|-------------------------|-----|-----|
| P02 | 01/11/2024 | DSB | DRAINAGE LAYOUT UPDATED | DSB | LJM |
| P01 | 03/02/2023 | RH | FIRST ISSUE | DSB | DSB |
| REV | DATE | BY | DESCRIPTION | CHK | APP |

DRAWING STATUS: S2 - FOR INFORMATION



CLIENT: BARRATT DAVID WILSON HOMES

ARCHITECT: MCBAINS

SITE/PROJECT:

HIGHOVER FARM
HITCHIN

TITLE: INFRASTRUCTURE
ATTENUATION BASIN
SECTIONS

SCALE @ A1: 1:250	CHECKED: DSB		APPROVED: DSB
PROJECT NO: 70039873	DESIGNED: RH	DRAWN: RH	DATE: January 23

HOF-WSP-ZZ-ZZ-DR-C-5401	P02
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