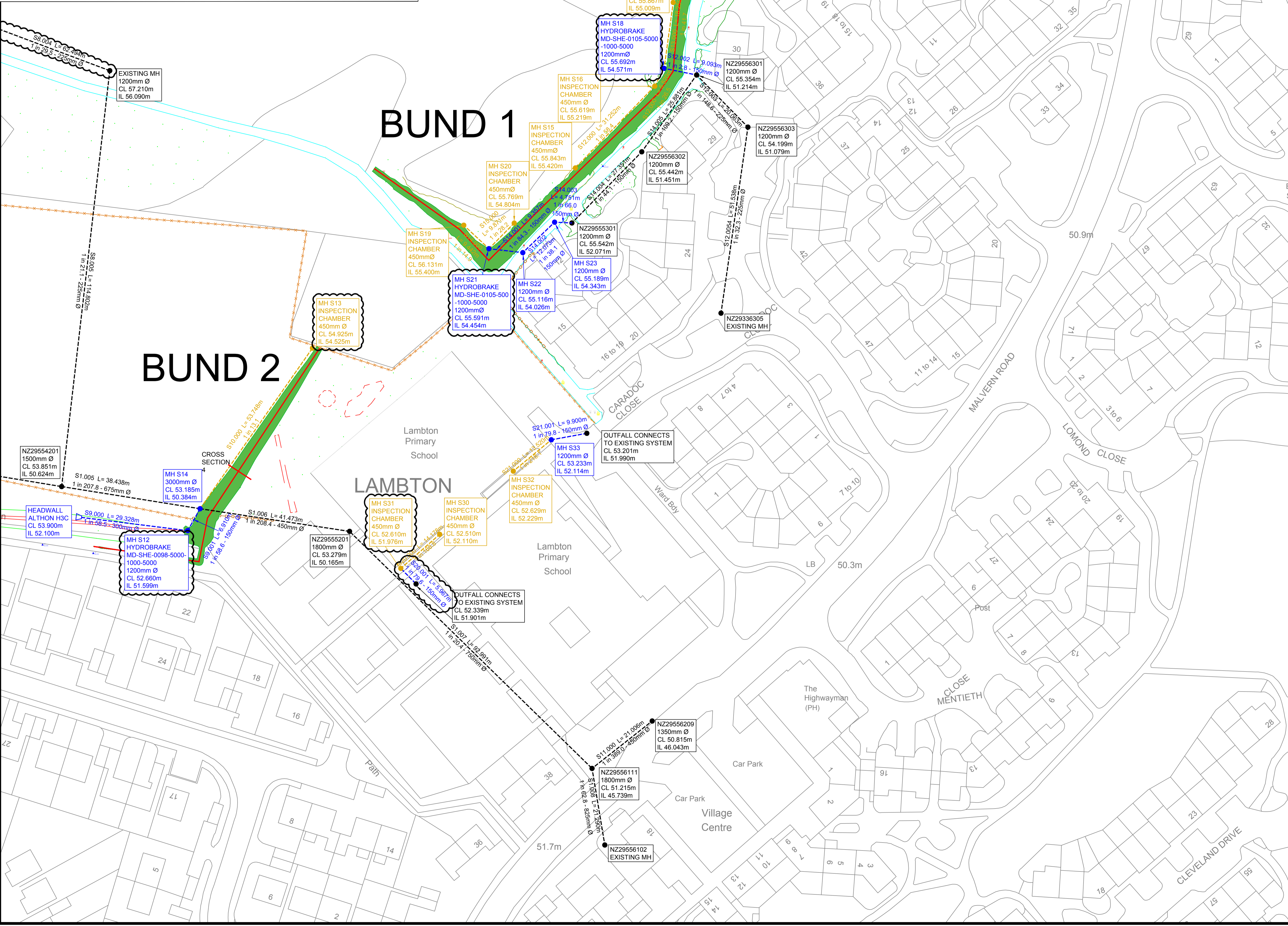


Cut/Fill Summary						
Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Bund 1 (1)	1.000	1.000	1676.309sq.m	0.003 Cu. M.	617.226 Cu. M.	617.223 Cu. M.<Fill>
Bund 2 (1)	1.000	1.000	303.698sq.m	0.339 Cu. M.	103.684 Cu. M.	103.345 Cu. M.<Fill>
Bund 3 (1)	1.000	1.000	858.858sq.m	0.002 Cu. M.	441.462 Cu. M.	441.460 Cu. M.<Fill>
Bund 4 (1)	1.000	1.000	357.836sq.m	0.000 Cu. M.	90.799 Cu. M.	90.799 Cu. M.<Fill>
Bund 8 (1)	1.000	1.000	566.152sq.m	0.044 Cu. M.	207.350 Cu. M.	207.306 Cu. M.<Fill>
Bund 9 (1)	1.000	1.000	148.677sq.m	0.000 Cu. M.	54.844 Cu. M.	54.844 Cu. M.<Fill>
Totals			3911.530sq.m	0.388 Cu. M.	1515.365 Cu. M.	1514.977 Cu. M.<Fill>



Key	
	Existing Surface Water Pipeline
	Proposed Surface Water Pipeline
	Proposed Surface Water Filter Drain
	Existing Surface Water Manhole
	Proposed Surface Water Manhole
	Proposed Surface Water Inspection Chamber
	Proposed Surface Water Catchpit
	Proposed Surface Water Gully
	Proposed 1:3 Mound

A	DEC 19	ADDITION OF CUT/FILL SUMMARY OF THE BUNDS.	CR	PA
A	DEC 19	ADDITION OF BUND 1 AND BUND 2 LABELS.	CR	PA
A	DEC 19	PIPELINE S8.004 PART OF EXISTING SYSTEM.	CR	PA
A	DEC 19	S20.001 CHANGED FROM 450mm Ø TO 150mm Ø PIPE.	CR	PA
A	DEC 19	MH S31 CHANGED TO AN INSPECTION CHAMBER.	CR	PA
A	DEC 19	MH S13 INSPECTION CHAMBER CHANGED FROM 300mm Ø TO 450mm Ø.	CR	PA
A	DEC 19	MH S12, S18 AND S21 HYDROBRAKE DETAILS ADDED.	CR	PA
Rev.	Date	Description	Drawn	Approved

Sunderland City Council

City Development Directorate
Civic Centre,
Burdon Road
Sunderland
SR2 7DN

Tel. (0191) 520 5555

Client	
Project	NF002 HOLLEY PARK
Subject	LAMBTON PRIMARY SCHOOL AREA FLOOD ALLEVIATION WORKS
Drawn by	C.ROBERTS
Checked by	C.GRAHAM
Approved by	C.GRAHAM
Drawing No.	NF002_002
Date	DEC 2019
Scale	1:500
Sheet size	A1
Revision	A