

1. All work to be in accordance with the current Building Regulations
2. Only written dimensions to be used
3. Discrepancies and abnormalities to be reported.
4. If in doubt Ask.

IMPERMEABLE AREAS					
PIPE REF	HOUSES	DRIVES	ROADS	TOTAL	HEC
1.000	298	285	593	1176	0.118
2.000	0	0	140	140	0.014
1.001	0	0	242	242	0.024
1.002	150	50	112	312	0.031
3.000	0	0	468	468	0.047
1.003	245	116	675	1036	0.104
1.004	493	305	204	1002	0.100
4.000	203	90	433	726	0.073
4.001	0	0	0	0	0.000
4.002	304	124	383	811	0.081
4.003	0	0	0	0	0.000
1.005	367	183	444	994	0.099
5.000	260	110	217	587	0.059
1.006	0	0	194	194	0.019
1.007	291	131	430	852	0.085
1.008	650	445	312	1407	0.141
1.009	2360	1627	278	4265	0.427
1.010	484	138	332	954	0.095
1.011	322	128	212	662	0.066
1.012	282	321	385	988	0.099
6.000	535	289	243	1067	0.107
6.001	278	151	607	1036	0.104
6.002	265	135	244	644	0.064
6.003	0	0	130	130	0.013
6.004	0	0	88	88	0.009
1.013	398	165	258	821	0.082
1.014	587	418	0	1005	0.101
1.015	0	0	0	0	0.000
TOTAL	8772	5211	7624	21607	2.161

RISK ASSESSMENT - SIGNIFICANT RISKS THAT CANNOT BE DESIGNED OUT		
RISK	LEVEL OF RISK (H/M)	SUGGESTED ACTION
DEEP EXCAVATIONS ASSOCIATED WITH NEW DRAINAGE WORKS	HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS.
HANDLING LARGE DIAMETER MANHOLE RINGS, CONCRETE PIPES AND PRE CAST CONCRETE SECTIONS ASSOCIATED WITH TANK	HIGH	USE CORRECT LIFTING EQUIPMENT AND ENSURE OPERATIVES WEAR APPROPRIATE PROTECTIVE CLOTHING AND HATS.
CONTACT WITH SEWAGE	MED	OPERATIVES TO USE CORRECT BREATHING EQUIPMENT.
NOISE	MED	OPERATIVES TO USE CORRECT EAR PROTECTION.
EXCAVATIONS ADJACENT EXISTING BOUNDARY STRUCTURES	HIGH	ENSURE CORRECT SUPPORTS ARE PROVIDED TO TRENCHES AND BUILDINGS WHERE REQUIRED.
EXCAVATIONS IN PUBLIC HIGHWAY	HIGH	ENSURE CORRECT USE OF TRENCH SUPPORTS IN EXCAVATION AND BOREN BARRIERS TO PROTECT MEMBERS OF THE PUBLIC.
MAINTAIN ACCESS TO ADJACENT PROPERTIES AND OCCUPERS	HIGH	ENSURE WORKS ARE PROTECTED WITH BARRIERS AND SIGNS TO GUIDE THE PUBLIC AWAY FROM THE WORKS.
DRAINAGE EXCAVATIONS NEAR TO EXISTING SERVICES	HIGH	ENSURE WORKS ARE PROTECTED WITH BARRIERS AND SIGNS TO GUIDE MEMBERS OF THE PUBLIC AWAY FROM THE AREA.
IT IS ASSUMED THAT WORKS ASSOCIATED WITH THIS DESIGN WILL BE UNDERTAKEN BY A PERSON OR PERSONS WHO ARE COMPETENT AND HAVE THE REQUIRED LEVEL OF EXPERIENCE AND EXPERTISE.		

Revision:

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AO

Client:
Persimmon Homes

Site:
Lundhill Road,
Wombwell.

Title:
Impermeable Area Plan

Date: Apr 2018
Scale: 1/500
Drawing No: 18/692/