A0

PIPE 18.000
PRIV = 840 + 10% = 924
HIGHWAY = 324
TOTAL = 1248

PIPE 18.001
HIGHWAY = 288

PIPE 15.000
PRIV = 554 + 10% = 609
HIGHWAY = 151
TOTAL = 760

PIPE 18.002
HIGHWAY = 194

PIPE 15.001
HIGHWAY = 575

PIPE 18.003
HIGHWAY = 87

PIPE 16.000
PRIV = 423 + 10% = 465
HIGHWAY = 150
TOTAL = 615

PIPE 15.002
HIGHWAY = 452

PIPE 15.003
PRIV = 805 + 10% = 886
HIGHWAY = 268
TOTAL = 1154

PIPE 18.004
HIGHWAY = 152
TOTAL = 152

PIPE 15.004
PRIV = 781 + 10% = 859
TOTAL = 859

PIPE 17.000
PRIV = 1299 + 10% = 1429
HIGHWAY = 383
TOTAL = 1812

PIPE 19.000
PRIV = 387 + 10% = 426
HIGHWAY = 276
TOTAL = 702

PIPE 13.000
PRIV = 863 + 10% = 949
HIGHWAY = 151
TOTAL = 1100

PIPE 14.000
PRIV = 282 + 10% = 310
HIGHWAY = 345
TOTAL = 655

PIPE 1.016
PRIV = 522 + 10% = 574
HIGHWAY = 150
TOTAL = 724

PIPE 12.002
PRIV = 272 + 10% = 299
HIGHWAY = 600
TOTAL = 899

PIPE 12.001
HIGHWAY = 620

PIPE 12.003
HIGHWAY = 317

PIPE 1.015
PRIV = 759 + 10% = 835
HIGHWAY = 336
TOTAL = 1171

PIPE 12.000
PRIV = 1221 + 10% = 1343
HIGHWAY = 153
TOTAL = 1496

PIPE 11.000
PRIV = 781 + 10% = 859
HIGHWAY = 294
TOTAL = 1153

PIPE 11.001
PRIV = 1285 + 10% = 1414
HIGHWAY = 156
TOTAL = 1570

PIPE 8.005
PRIV = 720 + 10% = 792
HIGHWAY = 227
TOTAL = 1019

PIPE 1.014
PRIV = 927 + 10% = 1020
TOTAL = 1020

PIPE 1.013
NO CONTRIBUTING AREA

PIPE 11.002
HIGHWAY = 299

PIPE 8.006
PRIV = 1027 + 10% = 1130
HIGHWAY = 232
TOTAL = 1362

PIPE 8.007
HIGHWAY = 503
TOTAL = 503

PIPE 8.000
PRIV = 518 + 10% = 570
HIGHWAY = 155
TOTAL = 725

PIPE 8.001
HIGHWAY = 275

PIPE 8.002
HIGHWAY = 301

PIPE 8.003
HIGHWAY = 140

PIPE 1.012
PRIV = 804 + 10% = 884
HIGHWAY = 158
TOTAL = 1042

PIPE 1.011
HIGHWAY = 133
TOTAL = 133

PIPE 9.000
PRIV = 694 + 10% = 764
HIGHWAY = 148
TOTAL = 912

PIPE 8.004
PRIV = 280 + 10% = 308
HIGHWAY = 607
TOTAL = 915

PIPE 10.001
HIGHWAY = 259

PIPE 7.000
PRIV = 195 + 10% = 215
HIGHWAY = 575
TOTAL = 790

PIPE 7.001
PRIV = 1466 + 10% = 1613
HIGHWAY = 727
TOTAL = 2340

PIPE 10.000
PRIV = 293 + 10% = 322
HIGHWAY = 278
TOTAL = 600

PIPE 1.010
PRIV = 531 + 10% = 584

PIPE 6.000
PRIV = 853 + 10% = 938
HIGHWAY = 460
TOTAL = 1398

PIPE 1.008
PRIV = 1787 + 10% = 1966
HIGHWAY = 592
TOTAL = 2558

PIPE 1.009
PRIV = 281 + 10% = 309
TOTAL = 309

PIPE 4.000
PRIV = 752 + 10% = 827
HIGHWAY = 147
TOTAL = 974

PIPE 4.001
HIGHWAY = 613
TOTAL = 613

PIPE 1.006
HIGHWAY = 451

PIPE 1.007
PRIV = 793 + 10% = 872
HIGHWAY = 562
TOTAL = 1434

PIPE 5.000
PRIV = 574 + 10% = 631
TOTAL = 631

PIPE 1.005
PRIV = 211 + 10% = 232
HIGHWAY = 110
TOTAL = 342

PIPE 1.004
PRIV = 495 + 10% = 545
HIGHWAY = 263
TOTAL = 808

PIPE 1.003
HIGHWAY = 301

PIPE 2.000
PRIV = 403 + 10% = 443
HIGHWAY = 86
TOTAL = 529

PIPE 1.001
HIGHWAY = 297

PIPE 1.002
HIGHWAY = 297

PIPE 1.000
PRIV = 370 + 10% = 407
TOTAL = 407

PIPE 3.000
PRIV = 1161 + 10% = 1277
HIGHWAY = 268
TOTAL = 1545

SUDS DETENTION BASIN
CREST LEVEL 31.400
1 IN 4, 300MM FREEBOARD
TOP WATER LEVEL 31.100
BASE LEVEL 30.100

FOOTWAY LINKS TO BE UTILISED AS SUDS MAINTENANCE TRACK, MINIMUM 2M WIDE.

BASIN EXCEEDANCE ROUTE TO SPILL ONTO HIGHWAY AT 32.710 AS PER CURRENT OVERLAND FLOOD ROUTE. ADJACENT FFL'S TO BE SET AT MINIMUM LEVEL OF 33.075

SUDs Basin

BNG/POS AREA

Marsden Primary School

Tree Group 3

Tree Group 4

Small Thorn - loc est

Crossrcete Emergency Access

Landscaping

Shelter

Car Park

El Sub Sta

Whitburn Lodge (PH)

Ruin

Garage

Arthur Terrace

Marsden View

South View

THILL STONE MEWS

LIZARD LANE

MILL LANE

Issue	Date	Description	By	Chkd	Appd
P2	04.12.25	Drawing job title renamed	AT	PB	PB
P1	14.11.25	Preliminary Issue	AT	PB	PB

COAST CONSULTING ENGINEERS

7 Silverton Court, Northumberland Business Park, NE23 7RY
0191 5977879

Client
STORY HOMES NORTH EAST

Job Title
LAND OFF MILL LANE
SOUTH SHIELDS

Drawing Title
IMPERMEABLE AREAS PLAN

Scale at A0
1:500

Drawing Status
PRELIMINARY

Job No	Drawing No	Issue
25041	1001	P2

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Do not scale