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4630

FFL LEVEL 00
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+36.531

+36.520

+35.914

SECTION D-D

GREEN-TECH ROOT BARRIER ROLL RIB OR EQUAL AND APPROVED AS REQUIRED ALL AROUND EACH TREE- 900mm ROOTBARRIER ROLL RIB® MADE OF 1.5 mm HDPE, UV-RESISTANT THAT IS 100% RECYCLABLE. THE SYSTEM IS TO BE INSTALLED VERTICALLY TO GUIDE ROOTS CAREFULLY DOWNWARDS. VERTICAL AND HORIZONTAL ANCHOR POINTS TO BE SET IN ORDER TO PREVENT THE TREE ROOTS FROM PUSHING THE ROLL RIB® UP ABOVE THE GROUND. ROOTBARRIER ROLL RIB IS AVAILABLE IN 90cm HEIGHT AND 59cm HEIGHT IN 21m LENGTH ROLLS. SECTIONS TO BE SCREWED TOGETHER TO SURROUND THE TREE AND GUIDE ROOTS AWAY FROM UTILITIES.

100mm AND 50mm RANDOM VERTICAL LARCH BOARDED FENCE TO BOUNDARY ON: 75x50mm HORIZONTAL TREATED SW RAILS @:

150 x150mm TREATED SW POST @:

100mm COARSE SAND OR NON-ANGULAR GRANULAR MATERIAL TO THE SIDES AS PER THE STRUCTURAL ENGINEER'S DETAIL;

HEAVY DUTY GEOMEMBRANE TO ALL SIDES OF:

AQUACELL UNITS LAID AS PER THE STRUCTURAL ENGINEER'S DETAIL AND THE MANUFACTURERS RECOMMENDATIONS.

POLYTHENE MEMBRANE TO THE ADJACENT CONCRETE CRANE BASE TO AVOID CONTAMINATION OF THE SOIL MIX CRANE BASE AS PER THE STRUCTURAL ENGINEER'S.

RED MAPLE 180-200mm GIRTH

100 x 100mm TREATED SW TREE GUARD

100mm LOOSE GRAVEL MULCH
HARGREAVES 1200mm CAST IRON FERROUS ELITE MAZE TREE GRILLE OR EQUAL AND APPROVED ON CONCRETE HAUNCHING AS THE MANUFACTURERS INSTRUCTIONS;

TREE COLLAR INSTALLATION TO ALLOW 150mm min CLEARANCE AROUND THE TRUNK
GREEN-TECH MONA RELIEF TREE IRRIGATION SINGLE INLET AERATION/ IRRIGATION SYSTEM WITH CAST INLET
MR24 4.0m X 35mm - 1300mm STANDARD AND SELECT STANDARD TREES. CHECK ROOTBALL DIAMETER TO MATCH YOUR IRRIGATION KIT

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100 x 100mm TREATED SW POST TREE GUARD

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IN-GROUND LIGHT FIXED TO A SPOT FOUNDATION AS PER THE MANUFACTURERS INSTRUCTIONS.

GREEN-TECH 'GREEN TREE' TOPSOIL 400/500mm;
GREEN-TECH TERRAM 3000 GEOTEXTILE FABRIC WRAPPED AROUND THE PERMAVOID UNITS.
GREEN-TECH MONA RELIEF TREE IRRIGATION SINGLE INLET AERATION/ IRRIGATION SYSTEM WITH CAST INLET OR EQUAL AND APPROVED.
MR24 4.0m X 35mm - 1300mm STANDARD AND SELECT STANDARD TREES. CHECK ROOTBALL DIAMETER TO MATCH YOUR IRRIGATION KIT.

GTDMSW 3 x WIRE SLINGS 2M OF GALVANISED WIRE, 1 x GALVANISED RATCHET TENSIONER, RUBBER ROOTBALL PROTECTORS 2.5m - 4.5m HEIGHT 12cm - 25cm CIRCUMFERENCE
GREEN-TECH TREE ANCHOR ROOTBALL SLEEPER & KERBSTONE SYSTEM TO SUIT THE HEIGHT OF THE TREE
TERRAM 1200 GEO-TEXTILE MEMBRANE OR EQUAL AND APPROVED
DRAINAGE LAYER 100mm DEPTH CLEAN STONE, RIP BOTTOM OF PIT AND TEST FOR FREE DRAINING

CONCRETE BLOCK PERMEABLE PAVING AND ASSOCIATED EDGING WITH 28mm COARSE AGGREGATE TO BS EN 12422 AS PER THE STRUCTURAL ENGINEER'S SPECIFICATION ON A: 50mm 2/5 COURSE AGGREGATE TO BS EN 12422 AS PER THE STRUCTURAL ENGINEER'S SPECIFICATION ; 100mm THICK AC20 OPEN BIN 160/220 TO BS EN 13108-1:2006. PUNCTURE THIS LAYER WITH 70mm HOLES AT 750mm CENTRES FILLED WITH LAYING MATERIAL AS PER THE STRUCTURAL ENGINEER'S SPECIFICATION ; SUB-BASE: MIN. 200mm DEEP PRIOR SUB-BASE BY MARSHALLS OR COURSE AGGREGATE 4/20 TO BS EN 12422:2002 (30% POROSITY MINIMUM) TO BE LAID TO A MINIMUM OF 1:80 TOWARDS A COLLECTOR PIPE. FOR DEPTHS REFER TO THE STRUCTURAL ENGINEER'S DRAWINGS. SEE THE STRUCTURAL ENGINEER'S SPECIFICATION AND DRAWINGS.
AS PER THE STRUCTURAL ENGINEER'S DRAWINGS IF THE CBR IS LESS THAN 15% ALLOW FOR A 350mm DEEP CAPPING LAYER 6F4/6F5 MATERIAL TO CLAUSE 600/TABLE 6/1 SPECIFICATION FOR HIGHWAY WORKS AS FILL BELOW SUB-BASE COMPACTED IN 150mm LAYERS WHERE REQUIRED. THE CONTRACTOR ARE TO CONFIRM TO THE STRUCTURAL ENGINEER THE CBR AT 50mm C/C. SEE THE STRUCTURAL ENGINEER'S SPECIFICATION AND DRAWINGS.

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DRAINAGE LAYER 100mm DEPTH CLEAN STONE, RIP BOTTOM OF PIT AND TEST FOR FREE DRAINING

NOTE- ALL NAMED PRODUCTS ARE EQUAL AND APPROVED

KEY

PLAN

DO NOT SCALE FROM THIS DRAWING.

THIS DRAWING IS BASED ON DIMENSIONAL SURVEY INFORMATION PROVIDED BY OTHERS. THE ARCHITECT CANNOT ACCEPT RESPONSIBILITY FOR THE ACCURACY OF THIS SURVEY INFORMATION.

ALL DIMENSIONS ARE SHOWN IN METRIC.

THIS DRAWING REMAINS THE COPYRIGHT OF CARSON & PARTNERS

CLIENT

ALUMNO DEVELOPMENTS

NOTES

P04	Ground light and notes added	12.04.2022
P03	Tree moved to the west	20.01.2022
P02	Root guard added, notes amended	09.12.2021
Rev	Reason for issue	Date

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PROJECT

CHURCH INN
STUDENT ACCOMMODATION
HIGHER CAMBRIDGE STREET MANCHESTER

TITLE

EXTERNAL WORKS
LANDSCAPE
DETAIL SECTION D-D

DRAWING NUMBER	REVISION
AL(90)005	P04

PLANNING

DATE	DRAWN BY	SCALE
15.07.2021	GMcG	1:25@A1
PLOT DATE	CHECKED BY	PROJECT NUMBER
	JR	0203

FILE REFERENCE

D463-CAP-ZZ-00-DR-L-9024