Shinkin, Craig

From: Mark Hudson <markhudson@growit.plus.com>
Sent: 31 January 2015 11:36
To: Shinkin, Craig
Subject: Re: Ash court
Attachments: CBR info.doc

Follow Up Flag: Follow up
Flag Status: Completed

Hi Craig

sounds like you are making useful progress

We discussed varying depths of cellular confinement system, 75mm for pedestrian, up to 200mm for heavy duty uses; you mentioned the technical department at Geosyn have advised you, in this instance, to go for 200mm on the basis that it is possible fire tenders/refuse lorries may occasionally travel on the parking areas, and I would support this; it would be a shame and a waste of resources for the authority, to have to redo it for the sake of an extra 100mm depth cellular confirment and stone fill (although geosyn have in the past indicated to me 150mm adequate for fire tenders/dustcarts, with 200mm used for contractor access!)

Good to conclude re CBR (California bearing ration) - I too did a little revision and the very low CBR's seem to be on highly shrinkable clays; suggest do have a look around the net for further info on this some time; have attached what I find quite a useful introduction.

best wishes

Mark

Mark Hudson
Arborist & Chartered Forester

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For further information on our tree and woodland services including tree reports for planning purposes (to BS 5837) please see our website:
www.treelincs.co.uk

----- Original Message -----
From: Shinkin, Craig
To: Mark Hudson
Sent: Friday, January 30, 2015 5:19 PM
Subject: RE: Ash court

Hi Mark,

We were speaking yesterday about the above scheme and how my contact at Geosynthetics has specified 200mm deep Cellweb to give the sub-base strength due to the anticipation of the rare possibility of a fire engine or bin lorry running over the bays at any time. You were ok with this on the phone yesterday but I would be grateful if you were

able to reply to me with a couple of lines on email just saying that this is the case so I can show this to the Planning Dept.

Just so you are aware, following our conversation I spoke briefly with a chap in Building Control yesterday who didn't feel there would be any untoward issues with the ground at the site and with the materials I intend on using. I also checked with a girl named Laura at Geosynthetics who confirmed that her colleague had just assumed the worst for the ground conditions when providing me with a quote.

I look forward to your response and thank you again for your help so far.

Regards,

Craig Shinkin ACIOB | Assistant Property Surveyor | **South Holland District Council**
DD: 01775 764647 |
www.sholland.gov.uk

From: Mark Hudson [mailto:markhudson@growit.plus.com]
Sent: 01 December 2014 19:00
To: Shinkin, Craig
Subject: Ash court

Hi Craig

have attached a preliminary info sheet fyi

red hatched area represents the recommended root protection area (RPA), red dotted area the area of disturbance

by measuring on my mapping software I suggest the relevant % of disturbed area are:

T1 (Red tree) - 18%
T2 (Yellow tree) 12%
T3 (Blue tree) 10%

Research suggests that trees of normal vigour may root stand loss of up to 20% without significant effect

My recommendation is, use a cellular confinement system (see www.geosyn.co.uk) to 100mm depth in parking areas (this is suitable for cars and light vans - engineer to confirm), 75mm for pedestrian paths, surface with porous flexipave or similar (see sudscape treescape also - you will find it by internet search) - do all works to lower levels within tree RPA's by hand, and the team probably won't even discturb the percentages shown above

Kerbs can be set in to the cell conf system but shield roots from concrete with polythene

there is more detail obviously than I have put here so far, but please feel free to call to discuss further

hope this helps

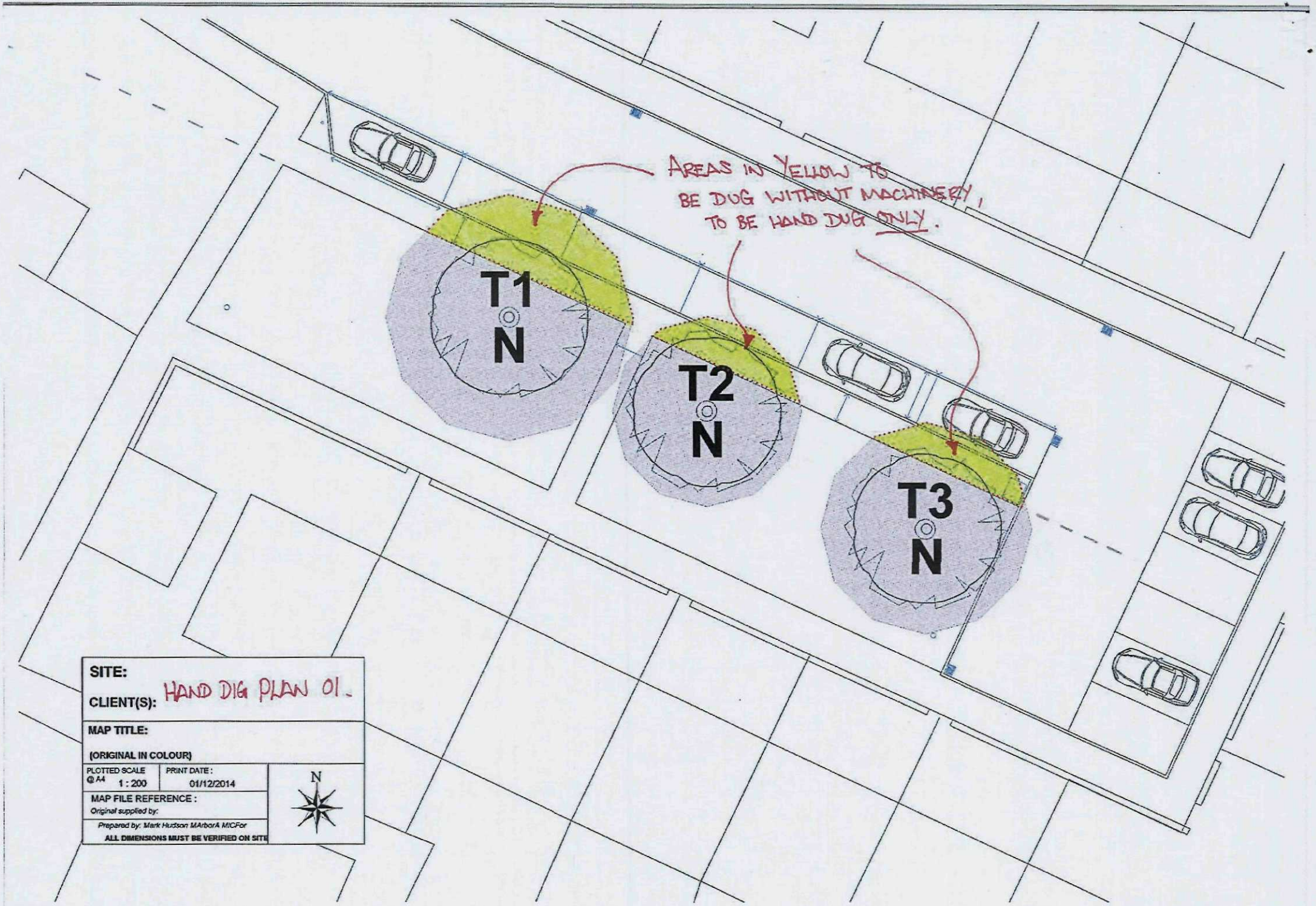
yours

Mark

Mark Hudson
Arborist & Chartered Forester

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AREAS IN YELLOW TO BE DUG WITHOUT MACHINERY, TO BE HAND DUG ONLY.
T1
N
T2
N
T3
N
SITE:
CLIENT(S): HAND DIG PLAN 01.
MAP TITLE:
(ORIGINAL IN COLOUR)
PLOTTED SCALE @ A4 1 : 200
PRINT DATE : 01/12/2014
MAP FILE REFERENCE :
Original supplied by:
Prepared by: Mark Hudson MArborA MICFor
ALL DIMENSIONS MUST BE VERIFIED ON SITE
N