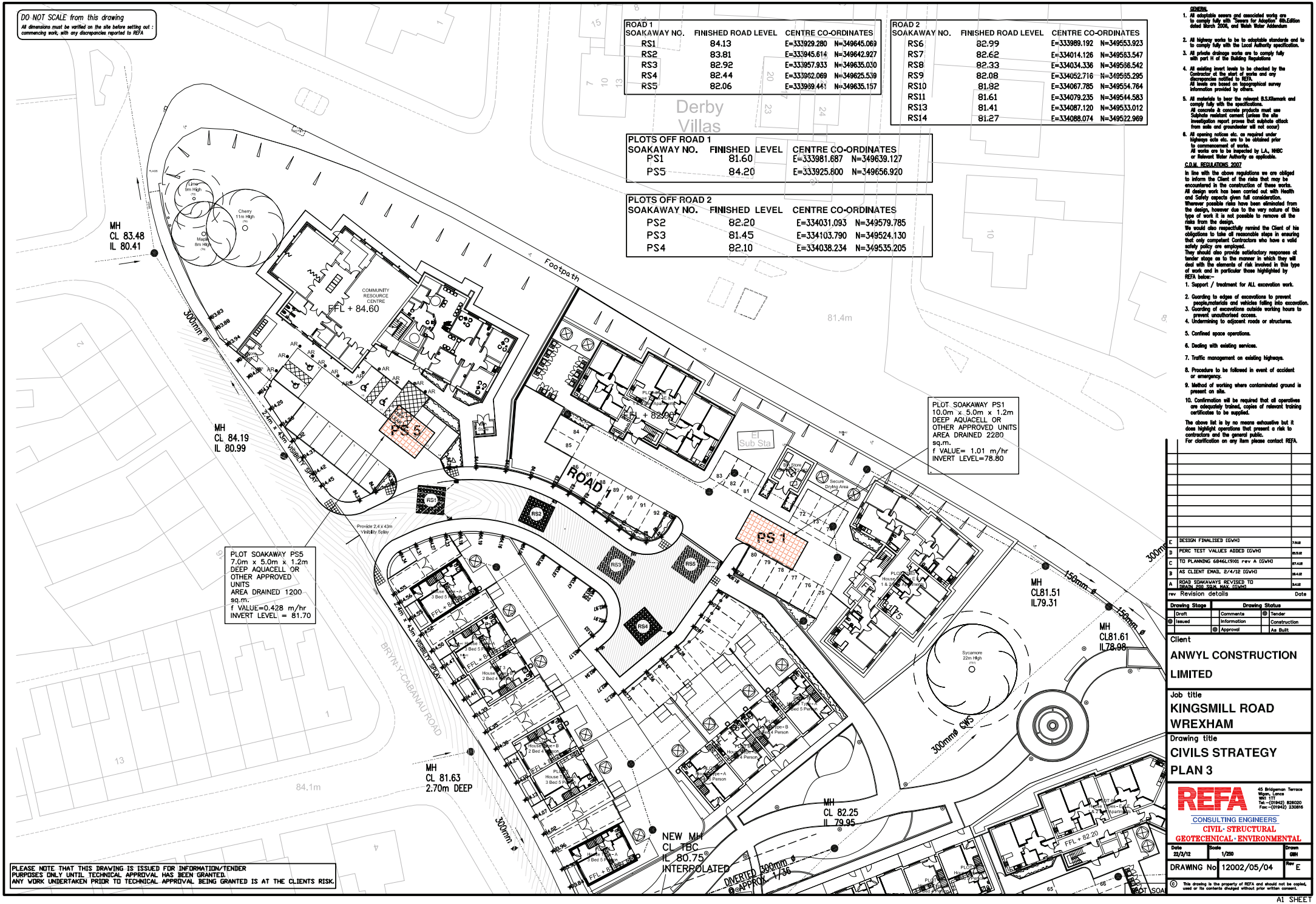
DO NOT SCALE from this drawing
All dimensions must be verified on the site before setting out : commencing work, with any discrepancies reported to REFA
ROAD 1
SOAKAWAY NO. FINISHED ROAD LEVEL CENTRE CO-ORDINATES
RS1 84.13 E=333929.280 N=349645.069
RS2 83.81 E=333945.614 N=349642.927
RS3 82.92 E=333957.933 N=349635.030
RS4 82.44 E=333962.069 N=349625.539
RS5 82.06 E=333969.441 N=349635.157
ROAD 2
SOAKAWAY NO. FINISHED ROAD LEVEL CENTRE CO-ORDINATES
RS6 82.99 E=333989.192 N=349553.923
RS7 82.62 E=334014.126 N=349563.547
RS8 82.33 E=334034.336 N=349566.542
RS9 82.08 E=334052.716 N=349585.295
RS10 81.82 E=334067.785 N=349554.764
RS11 81.61 E=334079.235 N=349544.583
RS13 81.41 E=334087.120 N=349533.012
RS14 81.27 E=334088.074 N=349522.969
PLOTS OFF ROAD 1
SOAKAWAY NO. FINISHED LEVEL CENTRE CO-ORDINATES
PS1 81.60 E=333981.687 N=349639.127
PS5 84.20 E=333925.800 N=349656.920
PLOTS OFF ROAD 2
SOAKAWAY NO. FINISHED LEVEL CENTRE CO-ORDINATES
PS2 82.20 E=334031.093 N=349579.785
PS3 81.45 E=334103.790 N=349524.130
PS4 82.10 E=334038.234 N=349535.205
GENERAL
1. All adoptable sewers and associated works are to comply fully with "Sewers for Adoption" 6th.Edition dated March 2006, and Welsh Water Addendum
2. All highway works to be to adoptable standards and to to comply fully with the Local Authority specification.
3. All private drainage works are to comply fully with part H of the Building Regulations
4. All existing invert levels to be checked by the Contractor at the start of works and any discrepancies notified to REFA. All levels are based on topographical survey information provided by others.
5. All materials to bear the relevant B.S.Kitemark and comply fully with the specifications. All concrete & concrete products must use Sulphate resistant cement (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur)
6. All opening notices etc. as required under highways acts etc. are to be obtained prior to commencement of works. All works are to be inspected by LA, NHBC or Relevant Water Authority as applicable.
C.D.M. REGULATIONS 2007
In line with the above regulations we are obliged to inform the Client of the risks that may be encountered in the construction of these works. All design work has been carried out with Health and Safety aspects given full consideration. Wherever possible risks have been eliminated from the design, however due to the very nature of this type of work it is not possible to remove all the risks from the design. We would also respectfully remind the Client of his obligations to take all reasonable steps in ensuring that only competent Contractors who have a valid safety policy are employed. They should also provide satisfactory responses at tender stage as to the manner in which they will deal with the elements of risk involved in this type of work and in particular those highlighted by REFA below:-
1. Support / treatment for ALL excavation work.
2. Guarding to edges of excavations to prevent people,materials and vehicles falling into excavation.
3. Guarding of excavations outside working hours to prevent unauthorised access.
4. Undermining to adjacent roads or structures.
5. Confined space operations.
6. Dealing with existing services.
7. Traffic management on existing highways.
8. Procedure to be followed in event of accident or emergency.
9. Method of working where contaminated ground is present on site.
10. Confirmation will be required that all operatives are adequately trained, copies of relevant training certificates to be supplied.
The above list is by no means exhaustive but it does highlight operations that present a risk to contractors and the general public. For clarification on any item please contact REFA.
MH CL 83.48 IL 80.41
MH CL 84.19 IL 80.99
MH CL 81.63 2.70m DEEP
MH CL 82.25 IL 79.95
MH CL81.51 IL79.31
MH CL81.61 IL78.98
NEW MH CL TBC IL 80.75 INTERPOLATED
DIVERTED 300mm ø @ APPROX 1:36
COMMUNITY RESOURCE CENTRE FFL + 84.60
FFL + 82.00
FFL + 82.20
Sub Sta
Footpath
ROAD 1
BRYN-Y-CABANAU ROAD
2.4m x 43m VISIBILITY SPLAY
4.3m VISIBILITY SPLAY
Provide 2.4 x 43m Visibility Splay
PLOT SOAKAWAY PS1 10.0m x 5.0m x 1.2m DEEP AQUACELL OR OTHER APPROVED UNITS AREA DRAINED 2280 sq.m. f VALUE= 1.01 m/hr INVERT LEVEL=78.80
PLOT SOAKAWAY PS5 7.0m x 5.0m x 1.2m DEEP AQUACELL OR OTHER APPROVED UNITS AREA DRAINED 1200 sq.m. f VALUE=0.428 m/hr INVERT LEVEL = 81.70
PS1
RS1
RS2
RS3
RS4
RS5
300mm ø
150mm ø
300mm ø CWS
Sycamore 22m High
Cherry 11m High
Maple 8m High
Lime 9m High
PLEASE NOTE THAT THIS DRAWING IS ISSUED FOR INFORMATION/TENDER PURPOSES ONLY UNTIL TECHNICAL APPROVAL HAS BEEN GRANTED. ANY WORK UNDERTAKEN PRIOR TO TECHNICAL APPROVAL BEING GRANTED IS AT THE CLIENTS RISK.
E DESIGN FINALISED (GWH) 7.9.12
D PERC TEST VALUES ADDED (GWH) 25.5.12
C TO PLANNING 6846L(90)01 rev A (GWH) 07.4.12
B AS CLIENT EMAIL 2/4/12 (GWH) 05.4.12
A ROAD SOAKAWAYS REVISED TO DRAIN 200 SQM MAX (GWH) 04.4.12
rev Revision details Date
Drawing Stage: Draft, Issued
Drawing Status: Comments, Information, Approval, Tender, Construction, As Built
Client
ANWYL CONSTRUCTION LIMITED
Job title
KINGSMILL ROAD WREXHAM
Drawing title
CIVILS STRATEGY PLAN 3
REFA
45 Bridgeman Terrace Wigan. Lancs WN1 1TT Tel:-(01942) 826020 Fax:-(01942) 230816
CONSULTING ENGINEERS
CIVIL · STRUCTURAL
GEOTECHNICAL · ENVIRONMENTAL
Date 22/3/12
Scale 1/250
Drawn GBH
DRAWING No 12002/05/04
Rev E
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A1 SHEET