DO NOT SCALE

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NOTES

1. This drawing is to be read in conjunction with all other relevant Engineer's, Architect's and specialist's designs, drawings and details.
2. All dimensions are in metres unless otherwise stated.
3. Chainages are given in metres.
4. All private drainage to be constructed in accordance with Building Regulations 1990 (Part H).
5. Pipework upto and including 300mmø to be 36 KN/m strength clayware to BS EN 295: 1991 with Joint Type D.
6. Pipework above 300mmø to be Class M (SRPC) concrete pipes to BS 5911 with spigot and socket flexible joints.
7. Stub pipes from adoptable sewers to be 150mmø.
8. The Contractor shall be responsible for verifying the levels, sizes and position of all existing sewers. Any discrepancies should be reported to the Engineer before work commences.
9. Refer to DW Dwg Nos 03/6382/106 and 101 for details of all adoptable pipework sizes, gradients & levels.
10. All sewers referenced "S/F" to be adopted by Anglian Water Services Ltd (AWSL) subject to approval. Except S1-S2 which is to be adopted by Lincolnshire County Council as Highway Drain.
11. All gulleys and the associated connections within the adoptable highway shall be adopted by Lincolnshire County Council.
12. Refer to DWP Drawing 03/6382/111 for private drainage construction details.
13. A vitrified clayware yard gully with associated proprietary cover and connecting pipework should be anticipated within each plot driveway. The location of the gullies to be confirmed by the Engineer upon completion of the external works levels.
14. All Pipework shall be 100mm ø unless otherwise stated.
15. Differential movement joints/lintels where drains pass through all constructional elements. Brick manholes to be constructed in flush pointed English bond class B eng. bricks in cement mortar. P.C concrete lintels to be used over pipes and ducts passing through walls.
16. All pipes entering & exiting manholes are to be connected with pipe soffits level unless otherwise stated.
17. Drainage to BS 8301 with pipes of approved type drainage system on granular bed and surround and all in strict accordance with the Manufacturers instructions. Pipes with cover less than:- 600 under buildings and gardens, 900 under car parking areas, 1200 under roads to be surrounded in minimum 150 thick concrete (Class Z).
18. All soft spots within pipe trenches shall be removed.
19. No water shall be allowed to accumulate in trenches.
20. All fill material shall be consolidated in layers not exceeding 225mm.
21. Pipes shall be laid to their true line and level by laser or by boning each end and middle.
22. All insitu concrete used in pipe protection to be min. Grade C20 P.
23. Compressible filler for interruption of concrete pipe protection shall consist of bitumen impregnated insulating board to BS1142 Pt3 at each pipe joint; thickness in accordance with CESW Clause 2.52.
24. Falls on private drainage to be no flatter than 1:80, unless stated otherwise for 150mmø drains.
25. Lockable covers to be installed on all private drainage access chambers in excess of 1.2m depth.

PRIVATE DRAINAGE LEGEND

- Private Foul Water Drain
- Private Surface Water Drain
- mh — **mh** to be brickwork in accordance with details shown on DWP drawing 03-6382-207
- ppic — **ppic** to be Hepworths 100mm PPIC, 475mm diameter, 930mm deep with four 100mm diameter inlets, complete with stoppers or similar approved (ref SPIC1/1)
- mac — **mac** to be Hepworths polypropylene mini access chamber, 600mm deep with three 100mm diameter flexible inlets, complete with stoppers or similar approved (ref SPIC6/1)
- re — **re** to be Hepworths square sealed top rodding point with socketed outlet or similar approved (ref SRPS1/1)
- rwp — rain water pipe
- svp — soil vent pipe
- ss — stub stock
- Permeable Surfacing taking surface water from adjacent garages.

150mmø stub to adjoining property. IL @ Boundary 2.810.

Permeable Surfacing

150mmø AWSL Sewer Easement

Block 11 · Block 12 · Block 13 · Block 14 · Block 15 · Block 16 · Block 17 · Block 18

Received
16 SEP 2004
Ref: 0971/03

Ref.	Revision	Date	By
E	Road end altered with gullys.	10/04	H.S
D	Drainage amended, AWSL comments 03-06-04.	06/04	MD
C	Drainage to PLot 86 amended, spur to adjacent property added. Layout updated, metz C002 rev B received 27-05-04.	06/04	MD
B	Layout updated to metz C002-A received 16-04-04. Plot 44 moved. Amended to BC comments dated 28-04-04.	05/04	MD
A	Layout updated to metz C002 received 24-03-04. Block 12 repositioned.	04/04	MD

Issue: CONSTRUCTION

THE DIAMOND WOOD PARTNERSHIP
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Project Title: PROPOSED DEVELOPMENT BRIDGE ROAD, SUTTON BRIDGE, LINCOLNSHIRE. FOR CANNON KIRK (UK) LTD

Drawn	Date
MD	02/04
Scale: 1:200 @ A1	Checked

Drawing Title: PROPOSED PRIVATE PLOT DRAINAGE LAYOUT SHEET 1 of 2

Project No.	Drawing No.	Revision
03/6382	110/1	E