DETAILS ON THIS DRAWING ARE COPYRIGHT OF SIDEBOTTOM RICHARDSON CHENG LIMITED.THIS IS A CONFIDENTIAL DOCUMENT AND MUST NOT BE COPIED, USED OR DIVULGED IN ANY WAY WITHOUT PRIOR WRITTEN CONSENT

N

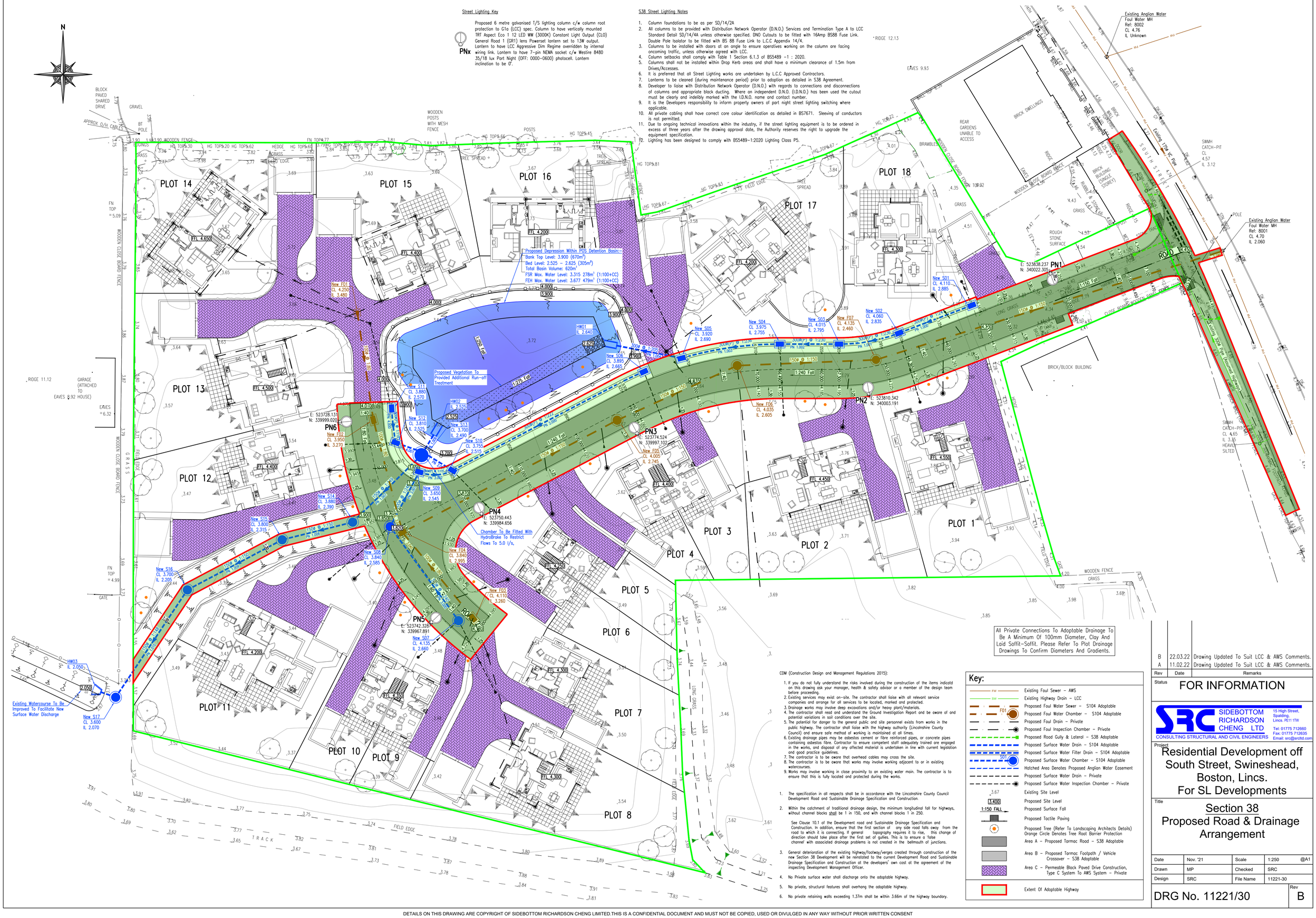
Street Lighting Key

PNx

Proposed 6 metre galvanised T/S lighting column c/w column root protection to G1a (LCC) spec. Column to have vertically mounted TRT Aspect Eco 1 12 LED WW (3000K) Constant Light Output (CLO) General Road 1 (GR1) lens Powerset lantern set to 13W output. Lantern to have LCC Aggressive Dim Regime overridden by internal wiring link. Lantern to have 7-pin NEMA socket c/w Westire 8480 35/18 lux Part Night (OFF: 0000-0600) photocell. Lantern inclination to be 0°.

S38 Street Lighting Notes

1. Column foundations to be as per SD/14/2A
2. All columns to be provided with Distribution Network Operator (D.N.O.) Services and Termination Type A to LCC Standard Detail SD/14/4A unless otherwise specified. DNO Cutouts to be fitted with 16Amp BS88 Fuse Link. Double Pole Isolator to be fitted with BS 88 Fuse Link to L.C.C Appendix 14/4.
3. Columns to be installed with doors at on angle to ensure operatives working on the column are facing oncoming traffic, unless otherwise agreed with LCC.
4. Column setbacks shall comply with Table 1 Section 6.1.3 of BS5489 -1 : 2020.
5. Columns shall not be installed within Drop Kerb areas and shall have a minimum clearance of 1.5m from Drives/Accesses.
6. It is preferred that all Street Lighting works are undertaken by L.C.C Approved Contractors.
7. Lanterns to be cleaned (during maintenance period) prior to adoption as detailed in S38 Agreement.
8. Developer to liaise with Distribution Network Operator (D.N.O.) with regards to connections and disconnections of columns and appropriate block ducting. Where an independent D.N.O. (I.D.N.O.) has been used the cutout must be clearly and indelibly marked with the I.D.N.O. name and contact number.
9. It is the Developers responsibility to inform property owners of part night street lighting switching where applicable.
10. All private cabling shall have correct core colour identification as detailed in BS7671. Sleeving of conductors is not permitted.
11. Due to ongoing technical innovations within the industry, if the street lighting equipment is to be ordered in excess of three years after the drawing approval date, the Authority reserves the right to upgrade the equipment specification.
12. Lighting has been designed to comply with BS5489-1:2020 Lighting Class P5.


PLOT 1
PLOT 2
PLOT 3
PLOT 4
PLOT 5
PLOT 6
PLOT 7
PLOT 8
PLOT 9
PLOT 10
PLOT 11
PLOT 12
PLOT 13
PLOT 14
PLOT 15
PLOT 16
PLOT 17
PLOT 18
PN1 E: 523838.237 N: 340022.305
PN2 E: 523810.342 N: 340003.191
PN3 E: 523774.524 N: 339997.102
PN4 E: 523750.443 N: 339984.656
PN5 E: 523742.328 N: 339967.891
PN6 E: 523728.131 N: 339999.020
Proposed Depression Within POS Detention Basin:-
Bank Top Level: 3.900 (670m²)
Bed Level: 2.525 – 2.625 (305m²)
Total Basin Volume: 620m³
FSR Max. Water Level: 3.315 278m³ (1:100+CC)
FEH Max. Water Level: 3.677 479m³ (1:100+CC)
Proposed Vegetation To Provided Additional Run-off Treatment
Chamber To Be Fitted With HydroBrake To Restrict Flows To 5.0 l/s,
Existing Watercourse To Be Improved To Facilitate New Surface Water Discharge
Existing Anglian Water Foul Water MH Ref: 8002 CL 4.76 IL Unknown
Existing Anglian Water Foul Water MH Ref: 8001 CL 4.70 IL 2.060
Existing 1784 VC Pipe
SWMH CATCH-PIT CL 4.57 IL 3.12
SWMH CATCH-PIT CL 4.65 IL 3.35 HEAVILY SILTED
SOUTH STREET
ROAD 4
BRICK DWELLINGS
REAR GARDENS UNABLE TO ACCESS
BRICK BUILDING (SINGLE STOREY)
BRICK/BLOCK BUILDING
GARAGE (ATTACHED TO HOUSE)
BLOCK PAVED SHARED DRIVE
GRAVEL
BT POLE
WOODEN POSTS WITH MESH FENCE
WOODEN CLOSE BOARD FENCE
WOODEN CLOSE BOARD PANEL FENCE
TROUT TEDGE
GATE
WOODEN FENCE
GRASS
LONG GRASS
ROUGH STONE SURFACE
BRAMBLES
TRACK
FIELD EDGE
HEDGE
TREE SPREAD
RIDGE 12.13
EAVES 9.93
RIDGE 11.12
EAVES 8.92
EAVES 6.32
New F01 CL 4.250 IL 3.480
New F02 CL 3.950 IL 3.270
New F03 CL 4.110 IL 3.260
New F04 CL 3.840 IL 2.995
New F05 CL 4.005 IL 2.745
New F06 CL 4.035 IL 2.605
New F07 CL 4.135 IL 2.460
New S01 CL 4.110 IL 2.985
New S02 CL 4.060 IL 2.835
New S03 CL 4.015 IL 2.795
New S04 CL 3.975 IL 2.755
New S05 CL 3.920 IL 2.690
New S06 CL 3.895 IL 2.665
New S07 CL 4.135 IL 2.660
New S08 CL 3.840 IL 2.585
New S09 CL 3.650 IL 2.545
New S10 CL 3.750 IL 2.515
New S11 CL 3.860 IL 2.570
New S12 CL 3.810 IL 2.525
New S13 CL 3.700 IL 2.490
New S14 CL 3.880 IL 2.390
New S15 CL 3.800 IL 2.315
New S16 CL 3.700 IL 2.205
New S17 CL 3.600 IL 2.070
HW01 IL 2.640
HW02 IL 2.525
HW03 IL 2.050
FFL 4.650
FFL 4.550
FFL 4.500
FFL 4.450
FFL 4.400
FFL 4.350
FFL 4.300
FFL 4.250
FFL 4.200
1:250 Fall
1:275 Fall
1:240 Fall
1:200 Fall
1:40
1:30
1:50 Fall
300(NP) @ 1:200
300(NP) @ 1:230
300(NP) @ 1:250
1500 @ 1:150
1200 @ 1:150
1050 @ 1:150
900 @ 1:150
750 @ 1:150
600 @ 1:150
450 @ 1:150
PN 1.001
PN 1.002
PN 1.003
PN 1.004
PN 1.005
PN 1.006
PN 1.007
PN 1.008
PN 1.009
PN 1.010
PN 1.011
PN 1.012
PN 1.013
PN 1.014
PN 1.015
PN 1.016
PN 1.017
PN 1.018
PN 1.019
PN 1.020
PN