



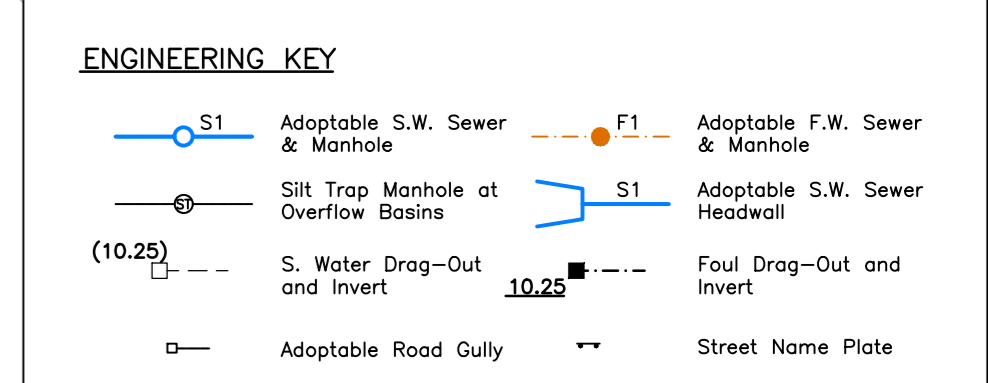
Street Lighting Key

- 6M TUBULAR STEEL LIGHTING COLUMN WITH GLASS EPOXY ROOF TREATMENT.
 COLUMN TO BE FITTED WITH 150W POST-MOUNTED LUMINAIRE SCHNEIDER AXIA 3.1 150W
 COLUMN SQUARE BASE WITH 150W POST-MOUNTED LUMINAIRE SCHNEIDER AXIA 3.1 150W
 SWITCHING FACTORY SET TO 0.5% FROM 15.0000 TO 0.0000.
- 6M TUBULAR STEEL LIGHTING COLUMN WITH GLASS EPOXY ROOF TREATMENT.
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 COLUMN SQUARE BASE WITH 150W POST-MOUNTED LUMINAIRE SCHNEIDER AXIA 3.1 150W
 SWITCHING FACTORY SET TO 0.5% FROM 15.0000 TO 0.0000.
- EXISTING COLUMN AS PER PHASE 1 DESIGN.

WARNING TO HOUSE-PURCHASERS
 Property Management Ref: 1505
 Buyers are warned that this is a working drawing and is not intended to be treated as a descriptive contract. It is a preliminary drawing and is not intended to be treated as a contract. The contents of this drawing may be subject to change at any time and alterations and variations may occur during the progress of the works without revision of the drawing. Consequently the layout, form, content and dimensions of the finished construction may differ materially from those shown. For the contents of this drawing consult a contract, part of any contract or warranty.

- ENGINEERING NOTES**
1. All adaptable drawings have been designed and are to be constructed in accordance with 'Drawings for Adoption, 0th Edition', and related British Standards for Sewer to adopt BS 5911, where applicable, unless otherwise stated.
 2. All pipe work shall be Class 200 and Class 45 (DN pipes work).
 3. All concrete pipe work shall be Class 125 in accordance with BS 5911 Part 1, BS EN 1916 and bear the BS 5911 mark.
 4. All concrete drainage shall be Class 5 granular surround unless otherwise stated.
 5. All concrete manholes and soakaway risers, concrete cover slabs and can to be manufactured to BS EN 1917 and BS 5911 Part 1.
 6. Manholes to be made of Reinforced Concrete to BS EN 12412-2, Polyethylene fittings, including manhole plates, and access covers shall comply with BS EN 12412-2.
 7. All work shall be in accordance with the drawings and the information provided.
 8. This drawing is to be read in accordance with all other relevant drawings.
 9. The contractor shall be responsible for ensuring that any existing level marks indicated on the drawings are correct before work commences.
 10. All proposed connections to the sewer shall be 150mm unless stated otherwise.
 11. All private house drainage shall be 150mm and of day-road connections shall be 150mm of a minimum gradient of 1:80 unless otherwise stated and laid in accordance with Part 1 of the Building Regulations.
 12. Runoff from private surfaces shall not discharge across the highway. Gullies or channels shall be provided as appropriate to prevent this.
 13. From crossings shall be provided at the street level of all junctions.
 14. Plans shall be provided from construction building by construction traffic during the construction period when traffic is to be permitted on the site.
 15. In all cases the road formation level shall be carried out to determine the depth of pavement construction required. This is to be approved by the relevant authority prior to construction of the road pavement.
 16. Contractor to ensure that all drainage is within the curbside of the plot they are working on when possible and to provide cover with handrails where possible.
 17. Contractor to provide suitable access to all manholes for connection of sewer works on their respective telephone number. Tel: 0845 602 0000.
 18. Contractor to obtain all necessary planning permissions from the relevant Local Authority, obtain approval to work on public drainage systems, obtain approval to install manholes from the Environment Agency for any works affecting a watercourse.

- UNITED UTILITIES STANDARD DETAILS TO BE USED ARE:**
- S16/19/03/01 Manhole Type 1
 - S16/19/03/02 Manhole Type 2 and Inlet Access Detail
 - S16/19/03/03 Shallow Surface Water Manhole Detail - Restricted Headroom (less than 2.0m) - For Pipe Sizes 400mm and Above
 - S16/19/03/04 Fire Control Manhole Detail
 - S16/19/03/05 External Backing Detail
 - S16/19/03/06 Pipe Rending Detail
 - S16/19/03/07 Manhole Manhole - Solid Reinforced
 - S16/19/03/08 Typical Detail Type 1 and Typical Detail Type 2
 - S16/19/03/09 Typical Detail Type 2 & Type 3



FLOW CONTROL DETAILS

MH Ref.	Specification
S110	ADO Office Plate to be Supplied by ACO Tel: 01462 816566, Ref: 5120190923 3No. 247mm Q-Plate-RW
S324	Crown Flow Control Device to be Supplied by Tel: 01344 886 956, Ref: 4280619 1No. 200mm QPS Type Verole Flow Control Unit, Head=3.20m, Flow=42.4 l/s
S414	Crown Flow Control Device to be Supplied by Tel: 01344 886 956, Ref: 4280619 1No. 125mm QPS Type Verole Flow Control Unit, Head=2.0m, Flow=26.6 l/s

U	Raised table between Road 11 & 19 removed	30.05.22	CD
T	Raised table between Road 12 & 13 revised	25.01.22	CD
S	Plots 118-159 & 194-198 revised to suit groundworks	25.10.21	CD
R	Plots 52-53 handed; Plots 118-156 revised; Plots 194-198 added	27.09.21	CD
O	Revised to Planning Layout Rev 10	07.06.21	CD
P	S107-S109A revised; F102-F105 revised	26.10.20	CD
N	Household, FFLs, and plot drainage revised to suit Planning Layout Rev 09, and new external levels (Sept 2020)	25.09.20	CD
M	SW downpipes revised to suit deep gutters	01.09.20	CD
L	Road 10 drainage revised to suit longspan; Road 10 raised table split into two, gullies and cover levels revised to suit; Street lighting revised	24.06.20	CD
K	S109-S110, F104-F105 revised, S109A & F104A added; S415 split into 2 headwalls, S508 added	27.02.20	CD
J	S501-S502 revised; Cover levels revised within raised tables; Tactiles revised	09.12.19	CD
H	Site lifted to reduce soil leaving site. FFLs and cover levels revised	01.11.19	CD
G	Easement from S201-S249 & F321-F23 added; Flow control units updated to Crown spec. & S110 revised to orifice plate; Pond water levels revised to suit new cats; Existing sewer in Road 19 revised; S109 & F104 revised	06.09.19	CD
F	Street lighting and plot drainage added	25.06.19	CD
E	Gradients of SW network 2 revised; S403, S406 & F304 removed	17.04.19	CD
D	Updated to planning layout revision 5	04.03.19	CD
C	Full drainage and level designs revised	11.02.19	CD
B	-	-	-
A	Revised from Proposed FFL dwg to Engineering Layout	-	-

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Job: Chipping Lane Longridge Phases 2 & 3
 Title: Engineering Layout

Design By	Date	Drawing Number	Rev
C.A.B. By FB	15.10.18	459/ED/102	U