



- NOTES:**
- Do not scale this drawing. If in doubt, ask.
 - This drawing is to be read in conjunction with all other relevant Engineers, Architects and specialist design drawings and details.
 - All dimensions are in metres unless noted otherwise. All levels are in metres unless noted otherwise.
 - Any discrepancies are to be reported to the Engineer immediately.
 - Roads and footways to be adopted under Section 38 of Highways Act 1980 shall comply with the adopting Local Authority Highway Design Guidelines for New Developments and be in accordance with the Highways Agency Design Manual for Roads and Bridges.
 - All works within public highway to comply with current health and safety standards and all signing shall comply with Chapter 8 Traffic Safety measures and Signs for Roadworks and Temporary situations of the Traffic Signs Manual.
 - All substrate structures and unconsolidated material, within the construction width of the highway, are to be removed.
 - The Contractor shall check levels for line and level with existing before commencing any works. The Engineer shall be notified immediately in writing, should any errors be found.
 - It is the responsibility of the Contractor to locate any services apparatus in the vicinity of the works. The Contractor shall accept no claims whatsoever in respect of any losses or damage caused in respect of such apparatus, however caused.
 - It is the responsibility of the Contractor to locate the works at all times in strict accordance with the requirements of the Health and Safety at Work Act 1974, and the C.D.M. Regulations 2015. The Contractor will be deemed to have allowed for full compliance, including full liaison with the Principal Designer, within his contract.
 - The Contractor is responsible for ensuring that all works are to the satisfaction of the Engineer, and shall be deemed to have included within his rates for any necessary testing.
 - The Contractor will be responsible for providing all necessary de-watering and trench support to ensure the works in a satisfactory manner, and shall be deemed to have allowed for the same within his rates.
 - All buried concrete products and mortar shall be made using sulphate resisting cement.
- SIGNING AND LINING NOTES:**
- All temporary and permanent traffic signs shall comply with the Traffic Signs Regulations and General Directions 2016 and Chapter 8, 4.8 of the Traffic Signs Manual - Regulatory Signs, Warning Signs & Road Markings.
 - All temporary traffic management to be in accordance with Chapter 8 of the Traffic Signs Manual.
 - Traffic sign posts to be installed for line and level with existing before commencing any works. The Engineer shall be notified immediately in writing, should any errors be found.
 - Signs shall only be fixed after erection and commissioning of the works.
 - Prior to placing the concrete the contractor shall ensure that sign posts are vertical and correctly orientated.
 - Signs shall only be fixed after erection and commissioning of the works.
 - The minimum clearance to any part of a sign assembly or shall be 500mm from the running carriageway edge.
 - Signs may be mounted on steel lighting columns where safely located subject to agreement with the local authority.
 - The exact position of all signs must be agreed with the local authority prior to installation.
 - All road marking shall be thermoplastic material complying with BS EN 1471:2000 with retro-reflective glass beads to BS EN 1423:2002.
 - Road markings shall be white or yellow (BS 381C no 310) in accordance with BS EN 1436:2018.
 - All road markings shall be in accordance with the provisions of Series 1200 of the Specification of Highway Works.
 - Mounting height measurements are to underside of sign face.
- KEY:**
- Existing extent of adopted highway
 - Site Boundary
 - Proposed bituminous footway construction for adoption under S278
 - Proposed bituminous vehicular crossover construction for adoption under S278
 - Proposed new full depth bituminous carriageway construction for adoption under S278
 - Proposed resurfacing works to existing carriageway
 - Tie in construction
 - Type H&B Kerb - 100mm upstand
 - Type BN Kerb - 25mm upstand
 - Type H&B Kerb - 0mm upstand
 - Transition kerb
 - Type EF Edging - flush
 - Proposed Adoptable Highway Gully
 - Existing Lighting Column & Lantern to remain
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 - Existing Lighting Column & Lantern to remain

- SIGNING AND LINING KEY:**
- New white lining in thermoplastic screed to diagram 100A - 0.6m line, 0.3m gap, 200mm thick.
 - New white lining in thermoplastic screed to diagram 100A - 4.0m line, 2.0m gap, 100mm thick.
 - New white lining in thermoplastic screed to diagram 100A - 0.6m line, 0.3m gap, 100mm thick.
 - New white lining in thermoplastic screed to diagram 102A - 3.7m long, 1.2m wide, 2.1m offset from gully way line.
 - New prismose lining in thermoplastic screed to diagram 101B.1 - 3.0m long, 0.3m gap, 100mm thick.
 - New white lining in thermoplastic screed to diagram 102A - 1.6m high.
 - Existing white lining to diagram 102A - to be renewed as required in thermoplastic screed.
 - New white lining in thermoplastic screed to diagram 102A - 4.3m long, 1.5m wide, 1.6m high.
 - Existing prismose lining to diagram 102A - to be renewed as required in thermoplastic screed for dimensions refer to Schedule 7, Part 4 of TSDRGD.
 - Also Grenadier bollards (or similar approved, 0.9m high above ground), with red and white class 1 reflectors.
 - Single facing road sign to diagram 615 with supplementary plate stating 'Give way to oncoming vehicles' - refer to construction details for schedule.
 - Single facing road sign to diagram 517 - refer to construction details for schedule.
 - Single facing road sign to diagram 61A - refer to construction details for schedule.
 - Back to back road sign, South facing sign to diagram 61A, North facing sign to diagram 675A - refer to construction details for schedule.
 - Precast concrete speed caution to be Speed Pad by Aggregate Industries, Type SP3 - 3.0m long x 1.5m wide (or similar approved product). To be installed to the manufacturer's instructions and specifications.
 - Existing back to back 300kph speed limit signs to be relocated as shown.

NOTE:
DESIGN SUBJECT TO SECTION 278 APPROVAL. ANY WORKS CARRIED OUT PRIOR TO APPROVALS AND AGREEMENTS BEING IN PLACE ARE DONE SO AT DEVELOPER'S OWN RISK.

Health and Safety Symbols refer to reference numbers indicated on Designers Risk Assessment no. 20127-RL-20-XX-HS-C-1000

Health & Safety Information Key

- Used to provide design specific safety information that may not be obvious to a competent contractor but may be useful.
- Used to re-highlight a possible action, eg. stop construction traffic from entering an area.
- Used to warn of significant design hazards, adding recommendations.
- Used to encourage a positive action, e.g. use of dust protection for inspection chambers.

RLRE
Client
Taylor Wimpey
Project
Kilnhurst Road
Drawing Title
S278 General Arrangement
Status
Construction
Scale
A0@1:250
Drawing No.
20127-RL-20-XX-DR-C-600
Scale Bar
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Rev	Date	Amendments	By	Chk
F	04.10.23	Contours added to build outs.	BRM	MJA
E	03.10.23	Extents of resurfacing updated based on S185 realignment. Lining references added and S278 comments received 12.09.2023	BPB	MJA
D	07.06.23	Layout updated to show adequate separation between plate marking allowance for masonry retaining and issued for construction.	FP	BRM
C	15.03.22	Updated to revised layout	CSM	NMF
B	22.07.21	Updated to revised S278 requirements	CSM	NMF
A	15.07.21	Existing highway drain shown	CSM	NMF