

Detailed Engineering Key

- Proposed Spot Level
1 in 2 Slope
Proposed Road contours
Proposed Headwall
Proposed Culvert
Bollard
Proposed footway works
Slope Gradient
Signal pole for crossing

GENERAL NOTES

- Do not scale
- The contractor is to check and verify all buildings and site dimensions and levels, including sewer manhole levels, before works start on site. The contractor is to comply in all aspects with the current building legislation, British standards, building regulations etc.
- Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed excavations are to be checked by the contractor prior to starting work.
- This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specification and any structural, geotechnical or other specialist document provided.
- Any anomaly or contradiction between any of the above is to be reported to Phoenix's engineer.
- This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.
- The compaction of unbound materials shall be in accordance with MCHW Volume 1 Clause 802, Table 8/5.
- The compaction of bituminous material shall be in accordance with MCHW Volume 1 Clause 903 and BS 5948:87.

ROAD AND SEWER ADOPTION NOTES

- All works for adoption under a section 38 agreement shall be carried out in accordance with Wiltshire's requirements and to the approval of the area highway authority.
- All works for adoption under a section 104 agreement shall be carried out to the Water UK document "Sewage Sector Guidance Appendix C" and Wessex Water's requirements.
- Streetlighting positions to be pegged on site and agreed by the local authority prior to erection commencing.
- Perennial/drainage adaptable manholes to have temporary debris screens.

EXCAVATION AND FILLING NOTES

- All fill that is placed on the site is to be compacted with suitable plant in accordance with the DTP series 600 highway works specification. If advice is required consult the engineer or obtain specialist geotechnical advice.

DRAINAGE NOTES

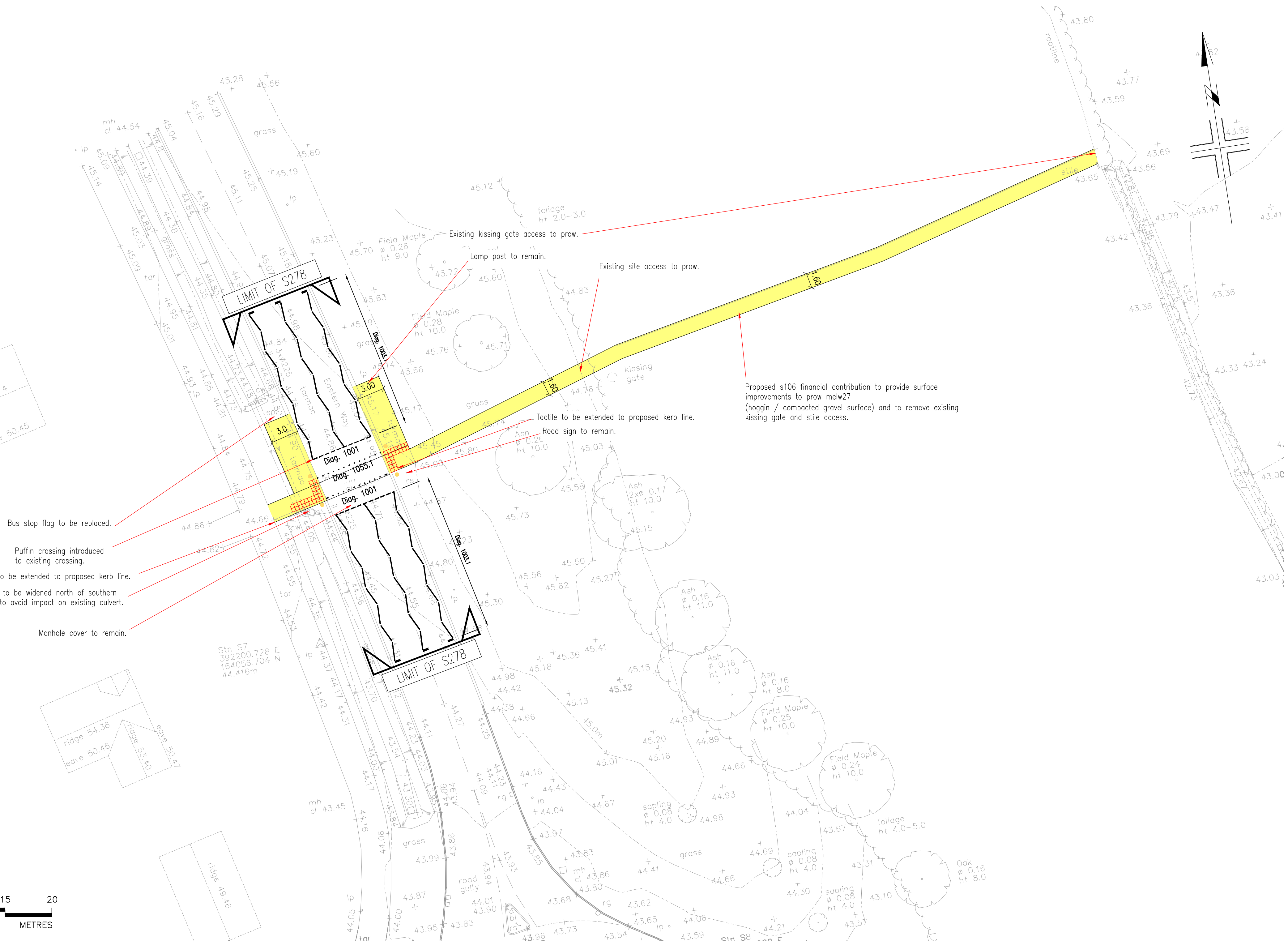
- All private drainage shall be in accordance with BS3301 and relevant sections of approved document 1 of the building regulations.
- The contractor is to check the level of existing sewers being used as outfalls or crossing proposed drainage runs prior to laying any pipes. Any discrepancies are to be reported to the engineer.
- For private drains where cover to pipes is less than 800mm in vehicular areas or 600mm in other areas protection in the form of a 100mm thick concrete pad shall be provided over the pipe granular surround.
- Where pipes pass through screen walls, footings or retaining walls inlets are to be provided over. Under buildings pipes shall be surrounded with 150mm thickness of granular material. Where drains pass within 1m of buildings the wall foundation shall be taken down below the invert of the pipe. All gullies and rainwater downpipes connected directly to drains are to be roddable.
- All linear drainage channels to be installed as per manufacturers requirements. Channel and grating to be grade B125 except where likely to be trafficked by refuse vehicles or serving drives of 5 or more properties where it should be C250.
- All drainage shall be laid upstream and each run between manholes shall be laid complete prior to backfilling. Where this is not practical trial holes or other means of identifying the line and level of services shall be carried out prior to works commencing.
- All branch drains, or connections, are to discharge to the collectors obliquely, and in the direction of the main flow.
- All dropped kerbs at pedestrian crossings be installed with firm up-stand and that drainage and levels must be set such that ponding will not occur at the dropped kerbs.
- The ground worker must report any concerns to the site manager prior to laying black top and additional gullies provided where necessary.

BUILDING REGULATIONS PART M ACCESS

- Where a level approach (not exceeding 1 in 20) is not possible, access should be provided by a ramp, which should have:
 - 10m. Max length for gradients not steeper than 1 in 15.
 - 5m. Max length for gradients not steeper than 1 in 12.
 - 300mm min unobstructed width.
 - 1.2m min length landings top and bottom and intermediate if necessary.
- Where the plot gradient exceeds 1 in 15 from the designated car parking position to the entrance door, disabled access may be provided by external steps which should have:
 - 300mm min width.
 - 1.8m max. Rise of flight.
 - 900mm min length landings top and bottom and intermediate if necessary.
 - riser height between 75mm and 150mm.
 - 280mm min going.
 - rising profile which does not overhang the riser to create a tripping hazard.
 - continuous handrail on one side if having 3 or more risers, which should be easily gripped, 850 to 1000mm above the pitch line, and extend 300mm beyond the top and bottom nosings.
 - an accessible threshold into the building.

THESE DRAWINGS ARE SUBJECT TO TECHNICAL APPROVALS FROM THE RELEVANT ADOPTING BODIES AND ARE SUBJECT TO CHANGE DURING THE APPROVAL PERIOD.

0 5 10 15 20
SCALE 1:250 (A1) METRES



Project: Melksham Blackmore Farm		
Client: DAVID WILSON HOMES		
Drawing: Proposed Signalised Crossing to Connect to PROW MELW27 General Arrangement		
Scale: 1:250 @A1	Date: Nov 2025	Drawn by: SBR
Drawing No: ITB12069-GA - 056 - S278 - 03	Rev: -	

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