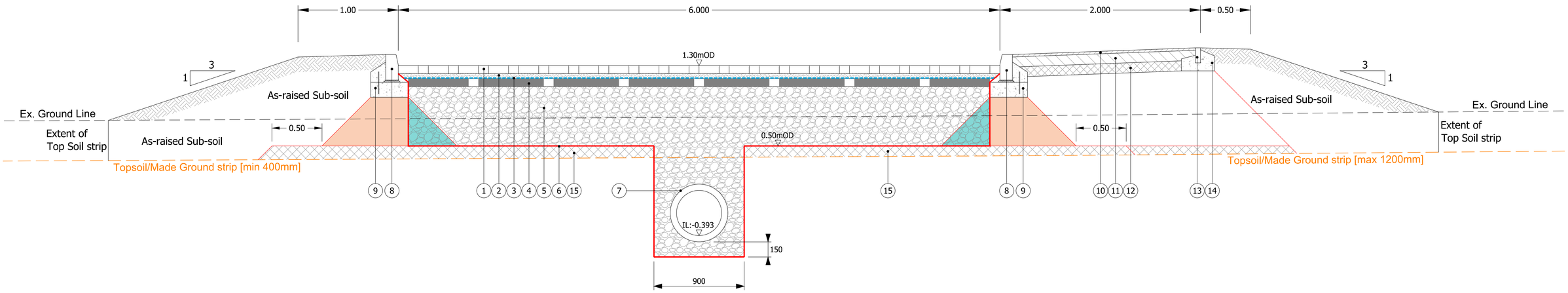
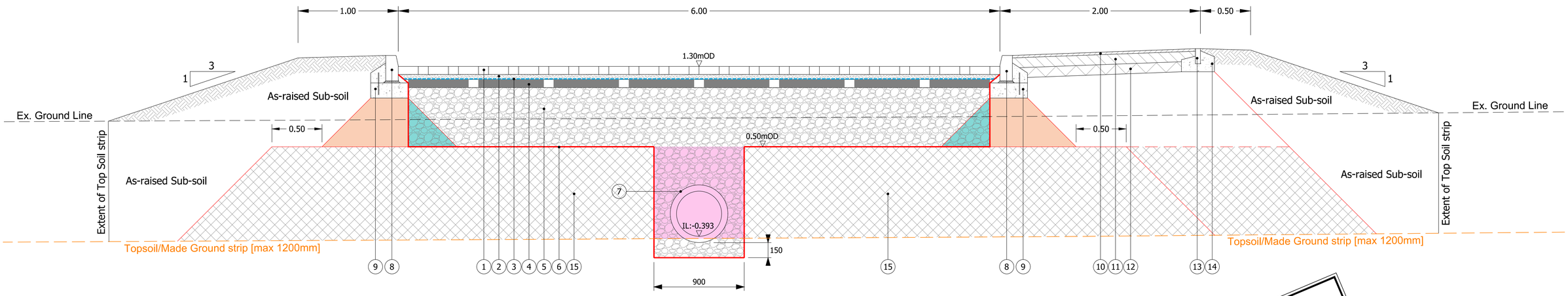
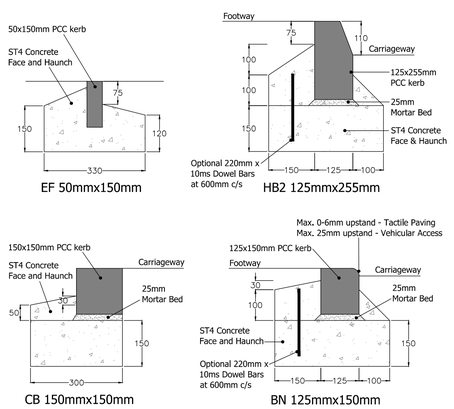
NOTES:
All dimensions must be checked on site and not scaled from this drawing.

TYPICAL SECTION THROUGH THE ROAD & SWS CONSTRUCTION
Scale: 1:20





KERBING DETAILS. Scale 1:10



Drawing based on Lincs CC Development Road and Sustainable Drainage Specification and Construction March 2021 Edition, Figures 2/3 and 2/6

(1). 80mm Marshalls Priora Permeable Blockwork [Colour: TBC]

(2). 50mm washed 6mm clean stone* (see Table 1)

(3). Inbitex*†††

(4). 80mm DBM Running Course with 100mm dia. holes at 750mm centres. No holes within 300mm of the edge of the permeable area]

(5). 590mm Sub-base Priora aggregate* (see Table 1).

(6). Marshalls M380 Tanking membrane double wrapped around entire structure. All joints to be welded, NOT taped, with offset joints*

(7). 450mm dia Perforated Concrete pipe

(8). 125x255mm precast concrete Half-battered kerb unit to BS EN 1340:2003 Type HB2, on 25mm mortar bed.

(9). 150mm ST4 Concrete Face & Haunch.

(10). Surface course.
25mm of 6mm size Dense 70/100 or 100/150 Surface Course (AC 6 dense surf) to Clause 9.4 compacted to a void content within the range 2%-10%. The Surface Course must be bonded to the Binder Course.

(11). Binder course (Footway).
100mm of 20mm size Dense, 70/100 or 100/150 Binder Course (AC 20 dense bin rec) to Clause 9.1 compacted to a void content within the range 2%-10%.

(12). Sub-base (Footway).
100mm of Type 1 sub-base to Clause 1.2.

(13). 50x150mm precast concrete Edging to BS EN 1340:2003 Type EF.

(14). 75mm thick ST4 Concrete bed with 140mm thick haunch.

(15). 75mm down granular material capping placed in max. 200mm layers.

Minimum extent of build-up using Type 1 granular material.
The material is to be placed and compacted in layers n.e. 200mm thick.
Maximum angle at edge 45deg.

Permeable Drives cut into kerb-beam/edging support material.

Pipework trench cut into capping layer.

75mm down granular material capping placed in max. 200mm layers.

FOR APPROVAL

NOTES

† Supplied by Marshalls

††† Supplied by Terram.

* Sound clean non-friable sub-base material, free from clay or any other deleterious material. Sub-base grading to BS EN 12620 as shown in Table 1 - must have a minimum 10% fines value of 150kN when tested in accordance with BS 812:Part 111:1990.

Recommended BS EN 12620 aggregate grading (mm)	Sub-Base Material	Laying Course & Joint Filling Material
	4/20	2/6.3
Recommended BS EN 12620 grading / tolerance category	Gc80/20 GTc20/15	Gc80/20 GTc20/15
Grading Details		
Sieve size (mm)	Percentage by mass passing ISO 565 sieve	
31.5	98 to 100	
20	90 to 99	
14		100
10	25 to 70	98 to 100
6.3		80 to 99
4	0 to15	
3.15		
2.8	0 to -5	
2		0 to 20
1		0 to 5
0.063		0 to 2

Table 1
Figures from BS EN12620

If CBR's <5% incorporation of subgrade improvement layers are required.

Soft spots should be excavated and filled with Type 1 prior to construction of main pavement.

Should an alternative material be proposed it is the responsibility of the originator of the alternative material to prove it's suitability.

Temporary DBM Running Course to permeable pavement

To be 20mm dense binder course manufactured with 100/150 grade bitumen to BS4987. The DBM shall conform with the requirements of BS 4987.

Cut 100mm dia. holes at 750mm centres through DBM surface into sub-base prior to applying permanent surface course.

No holes to be within 300mm of the edge of permeable area.
Remove debris from hole and fill with 6mm washed stone.
Pattern to start at the low points, if any.

c	Date	Revisions

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Job Title
Proposed Commercial Development
Decoy Farm, Spalding Road
Crowland, Lincolnshire
PE6 0LU

Drawing Title
Construction Details
Sheet 1

Date	Scale	Drawn
OCT. 2025	1:20, 1:10	IAC/TRS

Drg.No.	Rev.
9033-301	-