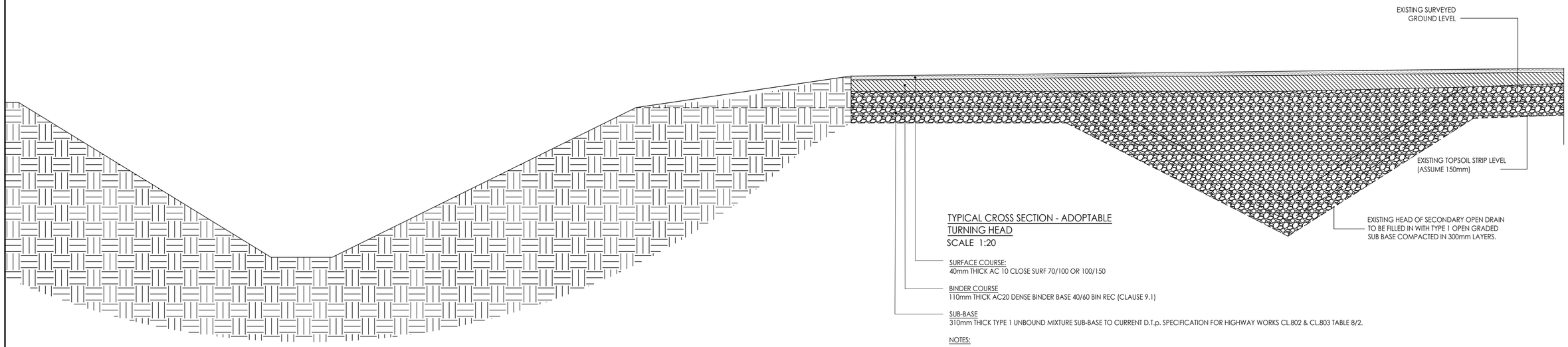


TYPICAL CROSS SECTION - ADOPTABLE TURNING HEAD

SCALE 1:20

SURFACE COURSE:
40mm THICK AC 10 CLOSE SURF 70/100 OR 100/150

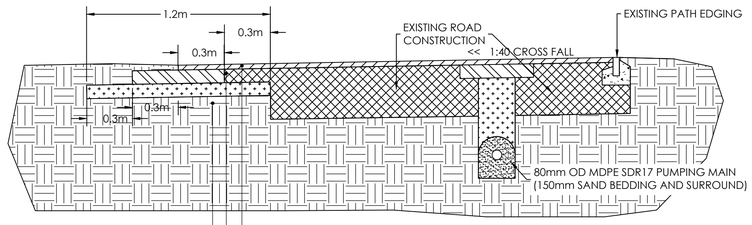
BINDER COURSE
110mm THICK AC20 DENSE BINDER BASE 40/60 BIN REC (CLAUSE 9.1)

SUB-BASE
310mm THICK TYPE 1 UNBOUND MIXTURE SUB-BASE TO CURRENT D.T.p. SPECIFICATION FOR HIGHWAY WORKS CL.802 & CL.803 TABLE 8/2.

NOTES:

AT THE DISCRETION OF THE ENGINEER THE THICKNESS SHALL BE INCREASED IF SOFT AREAS ARE ENCOUNTERED. THE MATERIAL SHALL BE SPREAD EVENLY ON THE FORMATION IN LAYERS OF A DEPTH NOT MORE THAN 150mm COMPACTED THICKNESS .

FORMATION LEVEL TO BE PROOF ROLLED TO CLAUSE 609. SOFT SPOTS TO BE EXCAVATED BACK TO GOOD GROUND AND FILLED WITH FULLY COMPACTED TYPE 1 SUB-BASE MATERIAL TO THE SPECIFICATION FOR HIGHWAY WORKS CLAUSE 616, OR ALTERNATIVE AS AGREED WITH THE HIGHWAY INSPECTOR.



CROSS SECTION 1 - PINFOLD LANE OVERLAY / WIDENING

OVERLAY:
40mm THICK AC10 CLOSE SURFACE 100/150 BIN REC (CLAUSE 9.3) (EXISTING SURFACE COURSE TO BE PLANED OUT WHERE REQUIRED TO RECEIVE NEW SURFACE COURSE TO DESIGN LEVELS, SURFACES TO BE SPRAYED WITH BITUMINOUS TACK COAT PRIOR TO SURFACING.)

BASE COURSE
110mm THICK AC20 DENSE BINDER BASE 40/60 BIN REC (CLAUSE 9.1)

SUB-BASE
310mm THICK TYPE 1 SUB BASE (CLAUSE 8.10)

PINFOLD ROAD WIDENING

SCALE 1:25

GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIPTO BE IN ACCORDANCE WITH LINCOLNSHIRE COUNTY COUNCIL HIGHWAY AND FLOOD AUTHORITY DEVELOPMENT ROAD SPECIFICATION AND CONSTRUCTION MAY 2018.
2. TREE, STUMPS AND ROOTS WITHIN PROPOSED HIGHWAY SHALL BE REMOVED. HOLES LEFT BY DEMOLITION OF BUILDINGS, BY UPROOTED TREES ECT. SHALL BE FILLED AND SUITABLE WEED KILLER APPLIED IN ACCORDANCE WITH CLAUSE 6.1.
3. THE REMAINING VERGE WIDTH IS TO BE GRADED BACK TO EXISTING.
4. ALL ARISING MATERIALS ARE TO BE REMOVED AND VERGES ARE TO BE SUITABLY PEPARED AND GRASS SEEDED.
5. ALL EXISTING COVERS ARE TO BE RAISED/LOWERED TO THESE NEW LEVELS.
6. CARRIAGEWAY CROSS FALLS ARE TO BE 1:40.
7. CARRIAGEWAY SURFACE COURSE SHALL BE 40mm OF 10mm NOMINAL SIZE CLOSE GRADED SURFACE COURSE (AC 10 CLOSE SURF 70/100 OR 100/150 TO CLAUSE 9.3 COMPACTED IN ACCORDANCE WITH CLAUSE 7.2 TO A VOID CONTENT WITHIN THE RANGE 2-10%.
8. BINDER COURSE MATERIAL SHALL BE 20mm NOMINAL SIZE RECIPE MIX DENSE BINDER COURSE (AC 20 DENSE BIT 40/60 REC) TO CLAUSE 9.1LAID IN A SINGLE LAYER OR COMBINATION OF LAYERS NOT LESS THAN 50mm THICK NOR GREATER THAN 110mm THICK. COMPACTION SHALL BE IN ACCORDANCE WITH CLAUSE 7.2 TO A VOID CONTENT WITHIN RANGE 2-8% AND ALL LAYERS MUST BE BONDED TOGETHER.
9. SUB-BASE SHALL BE TYPE 1 TO CLAUSE 8.1. A MINIMUM IN SITU CBR OF 30% AND/OR MINIMUM STIFFNESS OF 35MPa IS REQUIRED, DETERMINED BY PLATE BEARING TEST OR LIGHT WEIGHT DROP TESTS RESPECTIVELY TO CLAUSE 8.2.
10. BACK FILL TO PIPES WITHIN THE CARRIAGEWAY, FOOTWAY OR ACCESS SHALL BE TYPE 1 TO CLAUSE 5.12.4

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REV	DATE	AMENDMENT DETAILS	DRAWN	APPROVED
C	01.10.19	DETAIL AMENDED TO SUIT COMMENTS	WL	JPP
B	16.07.19	NOTES AMENDED	JDP	GS
A	19.06.19	TYPICAL CROSS SECTION ADDED	BC	JS

PROJECT PINFOLD LANE, WESTON LINCOLNSHIRE	DATE 30.05.19	DRAWING STATUS INFORMATION	
	SCALE(S) AS SHOWN	DESIGNED JS	DRAWN BC
DRAWING TITLE MINOR HIGHWAYS WORKS STANDARD DETAILS		CHECKED JPP	APPROVED JS
	JOB No 1636		
CLIENT BROADGATE HOMES LTD	DRAWING No 03/003		REVISION C

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DO NOT SCALE ORIGINAL SHEET SIZE - A1 Landscape