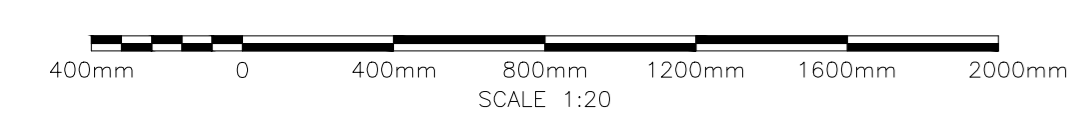
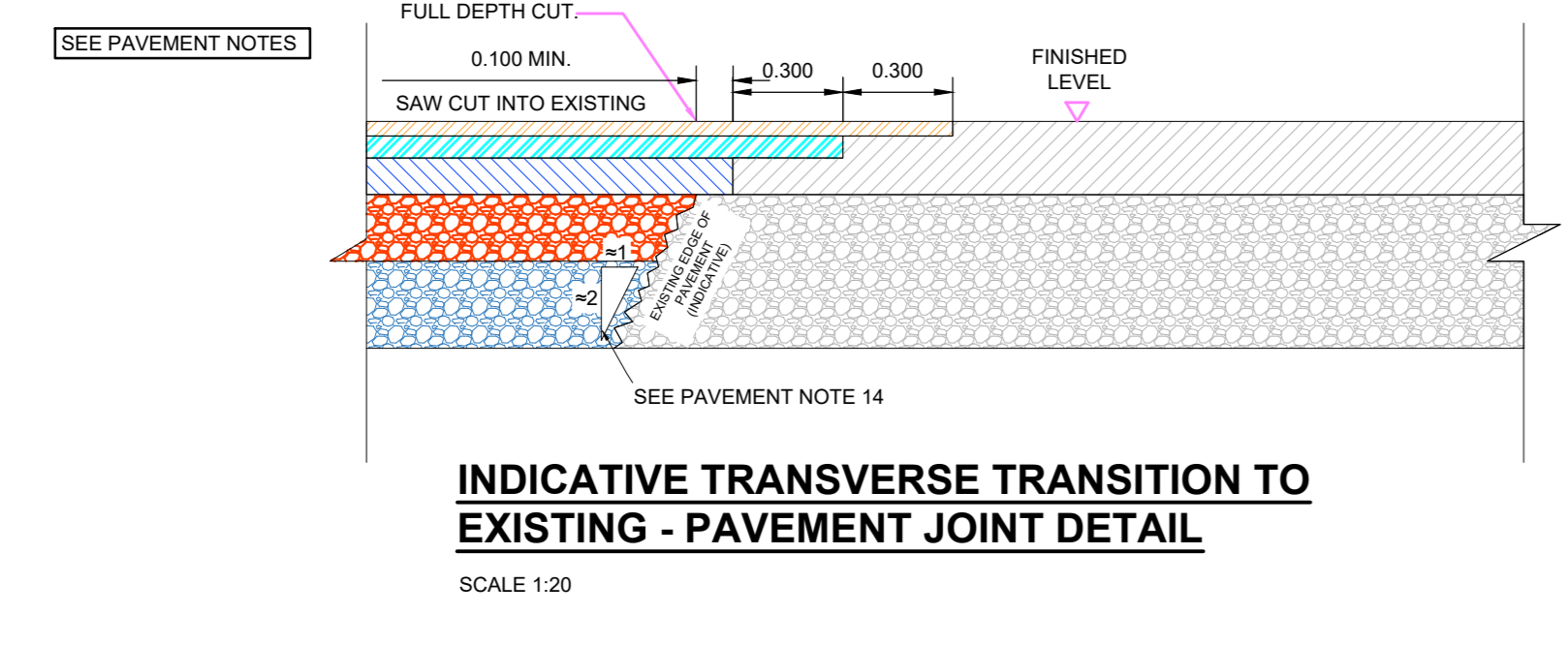
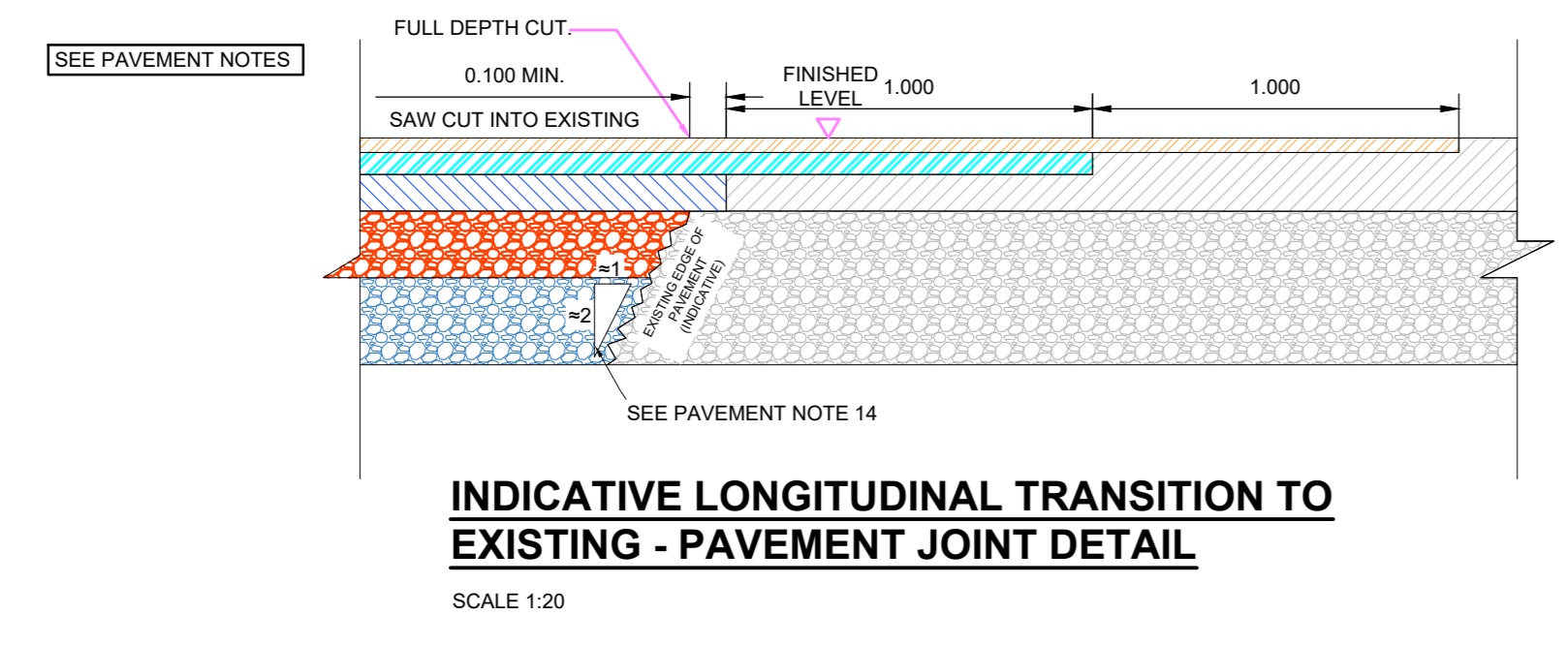
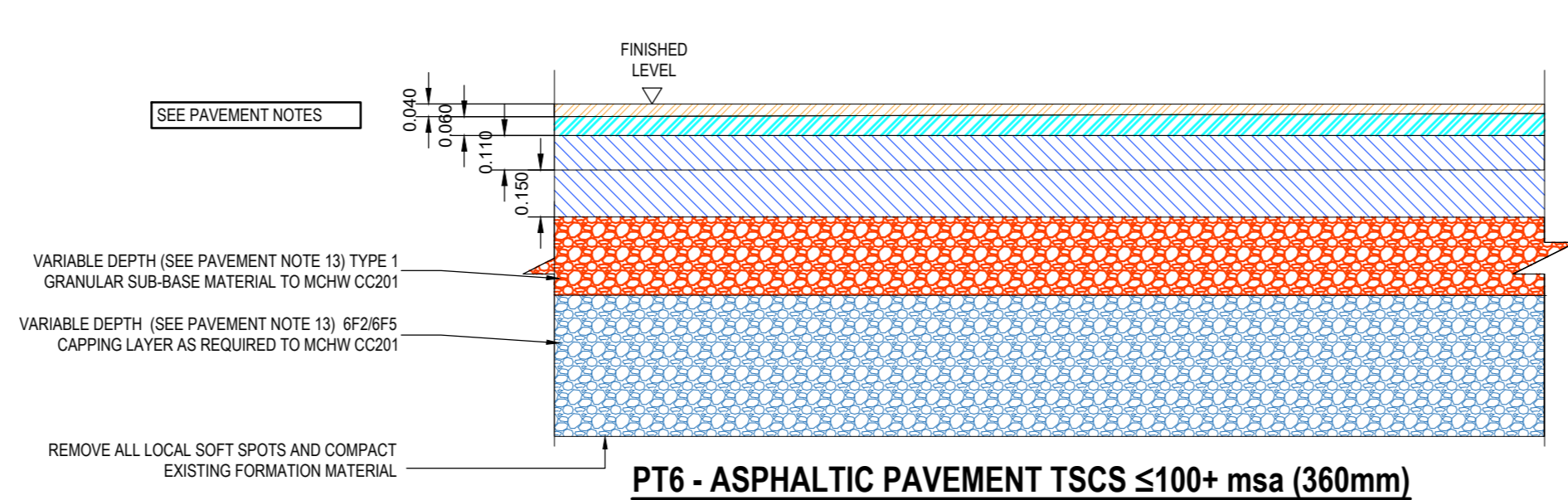
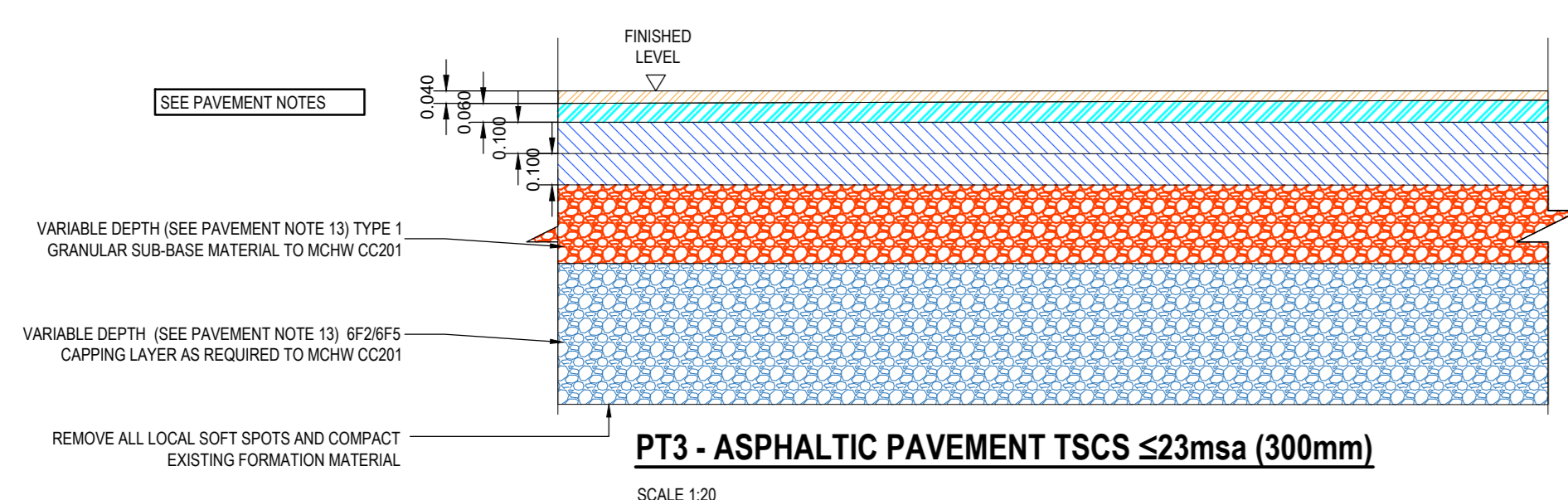
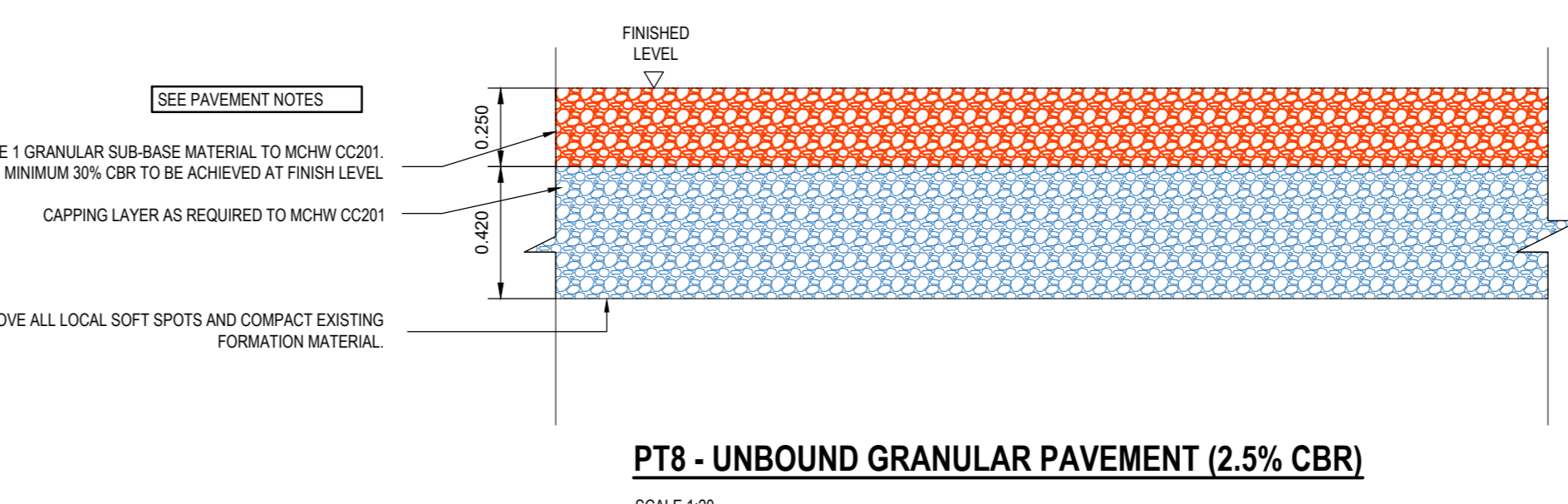
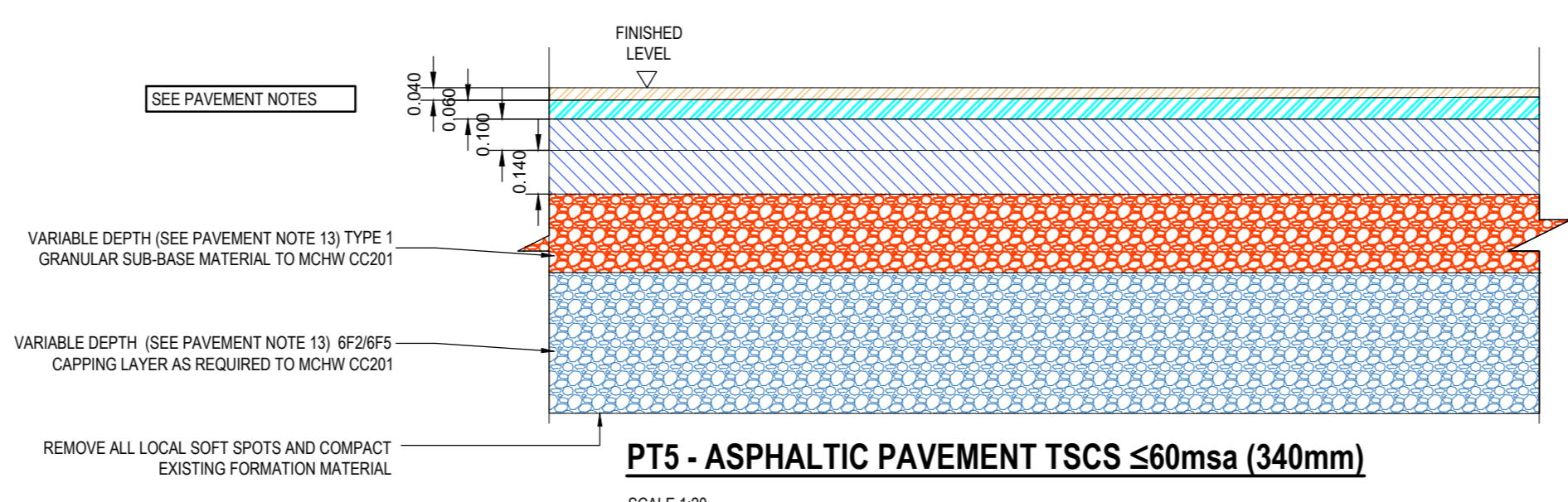
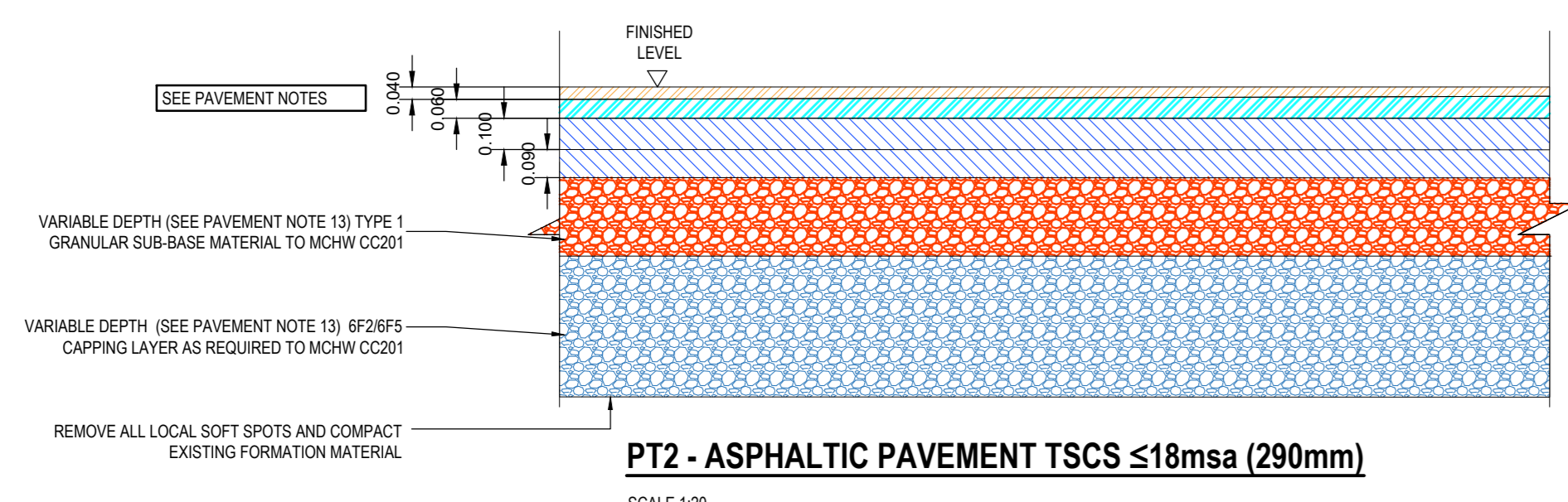
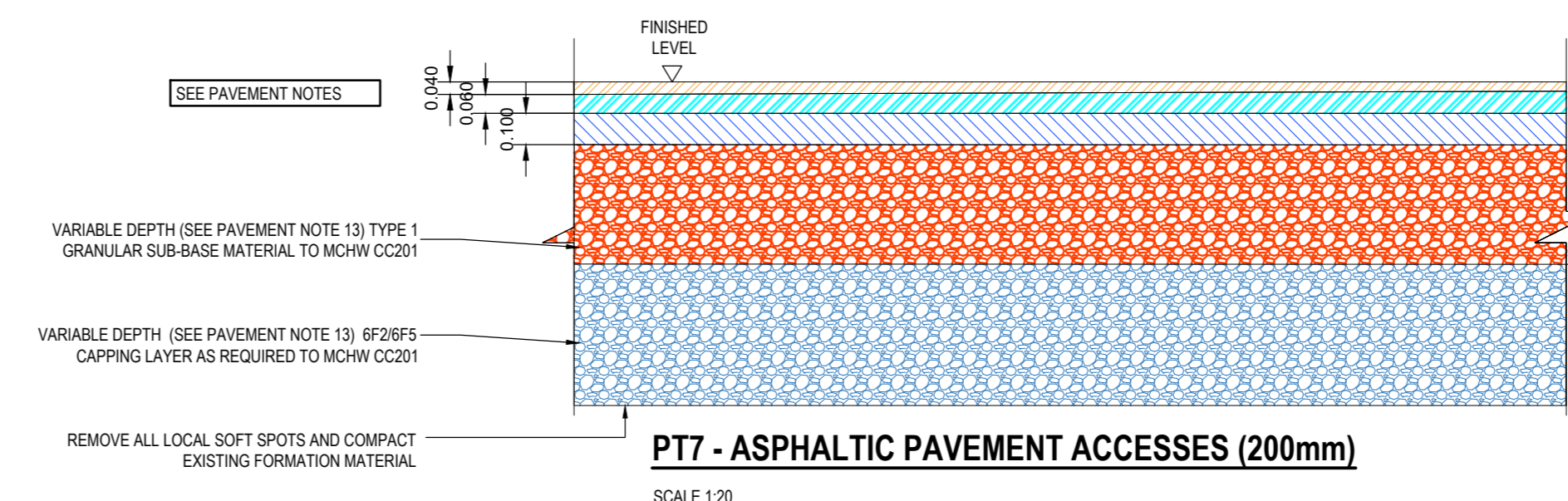
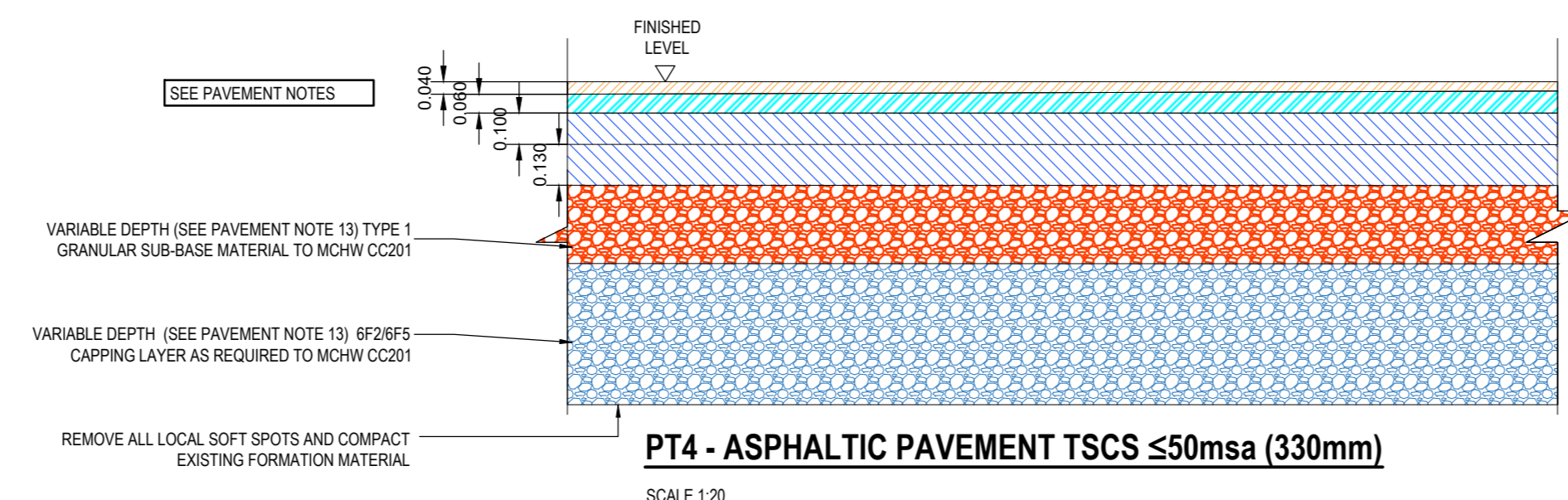
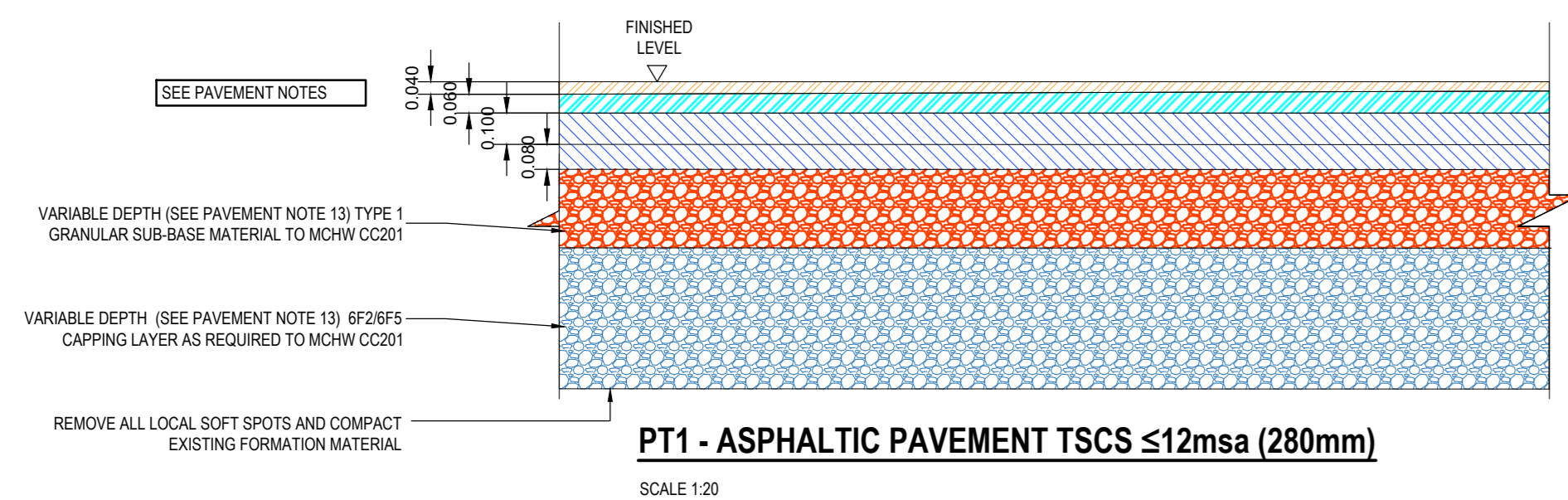


- NOTES:**
1. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION, OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
  2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
  3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
  4. ALL DRAWING SHOULD BE READ IN CONJUNCTION WITH MCHW SPECIFICATION FOR HIGHWAY WORKS.

- DISCLAIMER:**
1. ALL DOCUMENTS ("DESIGNS") PREPARED BY THE CONSULTANT ARE CONFIDENTIAL TO THE CLIENT AND THEIR PROFESSIONAL ADVISERS. THEY MUST NOT BE SHARED, REPRODUCED, OR RELIED UPON BY THIRD PARTIES. THE CONSULTANT ACCEPTS NO LIABILITY FOR ANY USE BEYOND THE ORIGINAL INTENDED PURPOSE.
  2. DESIGN BASED ON TOPOGRAPHICAL SURVEY INFORMATION P/019/M18/075/DRG-001 P/02 FEBRUARY 2017 AND M181 AS BUILT INFORMATION SEPTEMBER 2022.
  3. THE CLIENT MAY REPRODUCE THE DESIGNS ONLY TO COMPLETE THE INTENDED PROJECT. THE CONSULTANT IS NOT LIABLE FOR ANY OTHER USE.
  4. NEITHER PARTY MAY DISCLOSE CONFIDENTIAL BUSINESS INFORMATION WITHOUT CONSENT EXCEPT TO PROFESSIONAL ADVISERS/INSURERS, OR AS REQUIRED BY LAW.

- PAVEMENT NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
  2. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
  3. ASPHALTIC DESIGN THICKNESSES BASED ON REQUIREMENTS OUTLINED IN CD228 FOLLOWING CD224 ASSESSMENTS.
  4. ASPHALT CONCRETE MIXTURES SHALL CONFORM TO PD 6691: 2015 & BS EN 13181-1: 2016.
  5. ASPHALT CONCRETE TO BE TRANSPORTED, LAID & COMPACTED TO CONFORM TO BS 54087: 2015.
  6. PAVING GRADE BITUMEN TO CONFORM TO BS EN 12591: 2009.
  7. AGGREGATES FOR BITUMINOUS MATERIALS TO CONFORM TO PD 6662:2009 & BS EN 12620:2013.
  8. THE SUBGRADE / FORMATION SHOULD BE PREPARED TO CONFORM TO MCHW CC201 & CC201. ANY HARD OR SOFT SPOTS SHOULD BE EXCAVATED & BACKFILLED WITH A SUITABLE MATERIAL.
  9. SUB-BASE TO BE TRANSPORTED TO BE LAID & COMPACTED TO CONFORM TO MCHW CC201.
  10. ENGINEERED FILL / CAPPING MATERIAL TO BE TRANSPORTED TO BE LAID & COMPACTED TO CONFORM TO MCHW CC201.
  11. FOR ADDITIONAL INFORMATION ON CONSTRUCTION MATERIAL REQUIREMENTS REFER TO SPECIFICATION APPENDIX 7/1 SCHEDULE 5.
  12. FOR PERMITTED CONSTRUCTION MATERIALS REFER TO SPECIFICATION APPENDIX 7/1 SCHEDULE 3.
  13. FOR DESIGN CBR AND PERMITTED FOUNDATION OPTIONS REFER TO SPECIFICATION APPENDIX 7/1 SCHEDULES 9 & 14.
  14. THE SHAPE OF THE CHAMFER OF EXCAVATED EXISTING SUB-BASE IS INDICATIVE AND MUST BE CONSTRUCTED TO PREVENT UNDERMINING OF THE EXISTING UNDISTURBED MATERIAL.
  15. PAVEMENT FOUNDATION DESIGN HAS BEEN UNDERTAKEN TO WORST CASE SCENARIO FOR CBR VALUES AT THE-ALL LOCATIONS WITH EXISTING CARRIAGEWAY DUE TO LACK OF INFORMATION ON EXISTING PAVEMENT CONSTRUCTION. CBR TESTING CAN BE UNDERTAKEN DURING CONSTRUCTION AND SHOULD HIGHER VALUES BE IDENTIFIED THE ENGINEER SHOULD BE CONTACTED AND A NEW FOUNDATION DESIGN UNDERTAKEN.

- KEY:**
- SC1 - TSCS
  - BC1 - AC20 BINDER
  - B1 - AC21 BASE
  - SB1 - UNBOUND GRANULAR SUB-BASE
  - CL1 - UNBOUND CAPPING
  - INDICATIVE EXISTING BITUMINOUS CONSTRUCTION
  - INDICATIVE EXISTING FOUNDATION



**JOB NO. 53335: NLC M181 SOUTHERN JUNCTION - PHASE 2 B1450 SPUR AND EAST ROUNDABOUT (TEMPORARY PHASE) DRAWING REFERENCE TABLE**

DOCUMENT TITLE	DOCUMENT REFERENCE	DOCUMENT TITLE	DOCUMENT REFERENCE
SITE LAYOUT	SER-AWP-ZZ-01-DR-C-3001-3002	DRAINAGE	SER-AWP-ZZ-05-D-C-3101-3122
VEHICLE TRACKING	SER-AWP-ZZ-01-DR-C-3010-3015	EARTHWORKS	SER-AWP-ZZ-06-DR-C-3001-3002 & 3201
ALIGNMENTS AND PROFILES	SER-AWP-ZZ-01-DR-C-3020-3028	PAVEMENT	SER-AWP-ZZ-07-DR-C-3001-3002 & 3201
CONTOUR PLAN	SER-AWP-ZZ-01-DR-C-3030-3031	KERBS AND FOOTWAYS	SER-AWP-ZZ-11-DR-C-3001-3005 & 3201
CROSS SECTIONS	SER-AWP-ZZ-01-DR-C-3041-3046	ROAD MARKINGS	SER-AWP-ZZ-12-DR-C-3001-3002
HSE RISKS	SER-AWP-ZZ-01-DR-C-3050-3051	TRAFFIC SIGN & FOUNDATION DETAILS	SER-AWP-ZZ-13-DR-C-3010-3011 & 3011-3022
ISOPACHYTE	SER-AWP-ZZ-01-DR-C-3060-3061	HIGHWAY LIGHTING	SER-GLDS-ZZ-13-D-C-1301-1302
SITE CLEARANCE	SER-AWP-ZZ-02-DR-C-3001-3002	ELECTRICAL SCHEMATIC & STANDARD DETAILS	SER-GLDS-ZZ-14-D-C-1401-1406
FENCING	SER-AWP-ZZ-03-DR-C-3001-3002	LANDSCAPING	SER-BRO-ZZ-01-D-L-001-002 & 9005
ROAD RESTRAINT SYSTEMS	SER-AWP-ZZ-04-DR-C-3001-3002	HIGHWAY SPECIFICATION	SER-AWP-ZZ-XX-SP-C-3101

P02 FOR APPROVAL	27.03.20	HD	JEK	BH
P01 FIRST ISSUE	06.03.20	HD	JEK	BH
Rev	Description	Date	By	Chk

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Project: **M181 SOUTHERN JUNCTION - PHASE 2 B1450 SPUR AND EAST ROUNDABOUT**

Client: **NORTH LINCOLNSHIRE COUNCIL**

Drawing: **PAVEMENT CONSTRUCTION DETAILS**

Rev: **CIVIL ENGINEER**

Drawing Status: **FOR APPROVAL** Submittal Code: **S4**

Job No: **53335** Scale: **A0 1:250** Rev: **P02**

Project: **SER - AWP - ZZ - 07 - DR - C - 3201**