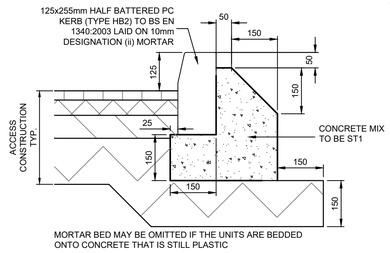
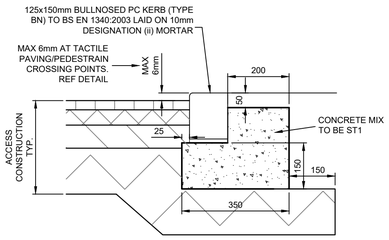
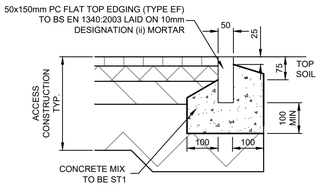
PROJECT No. 20269 | DRG No. S278-2



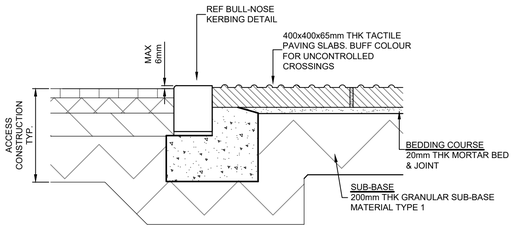

# DETAIL 1
## HB2 KERB DETAIL
1:10



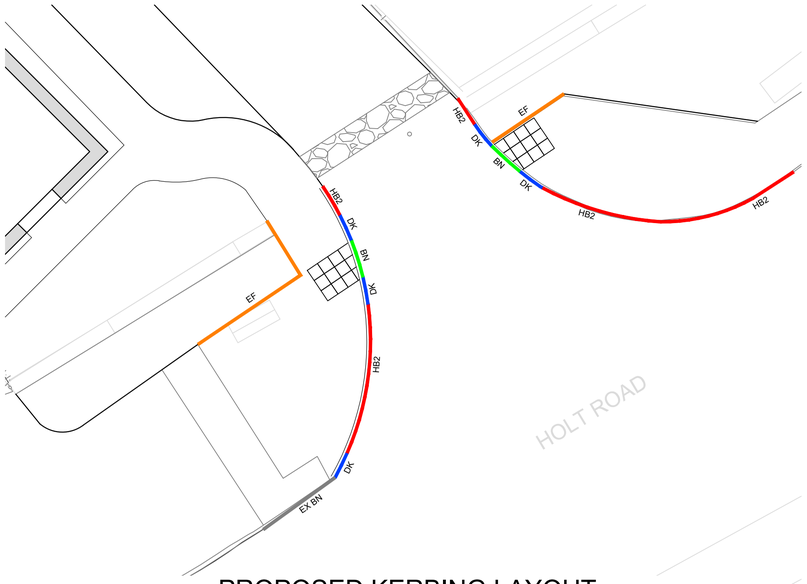

# DETAIL 2
## BN KERB DETAIL
1:10



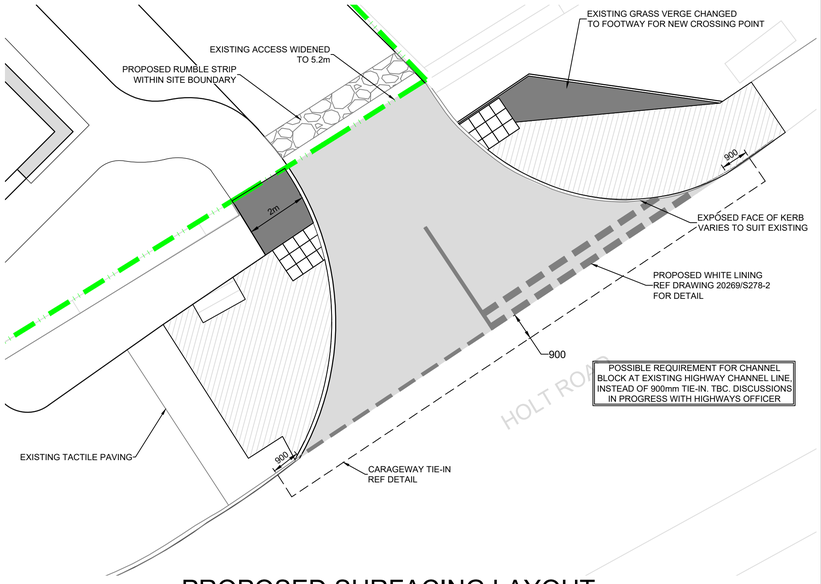

# DETAIL 3
## EF KERB DETAIL
1:10




# TACTILE PAVING CONSTRUCTION
1:10




# PROPOSED KERBING LAYOUT
1:100




# PROPOSED SURFACING LAYOUT
1:100

SURFACE COURSE: 40mm THICK THIN SURFACE COURSE SYSTEM SMA 10 CLOSE SURF 100/150 WITH MIN 65 PSV (DTP SPEC CLAUSE 942)

BINDER COURSE: 60mm THK DENSE BINDER COURSE AC 20 DENSE BIN 40/60 REC IN ACCORDANCE WITH BS EN 13108-1 (DTP SPEC CLAUSE 906)

BASE COURSE: 100mm THK DENSE BASE COURSE AC 32 DENSE BASE 40/60 REC IN ACCORDANCE WITH BS EN 13108-1 (DTP SPEC CLAUSE 906)

SUB-BASE: 280mm THK TYPE 1 SUB-BASE MATERIAL TO SPECIFICATION CLAUSE 803

THE DESIGN PARAMETERS SHALL BE VERIFIED DURING CONSTRUCTION BY UNDERTAKING CBR TESTS OR OTHER SIMILAR MEANS, UPON THE FORMATION AND SUB BASE LEVELS

DESIGN IS BASED ON CBR OF 7%



# TYPICAL SECTION ACCESS ROAD
1:25

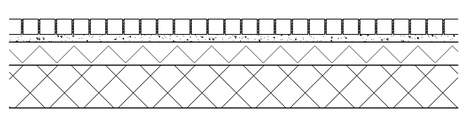
SURFACE BLOCKS: 100x100mm CONSERVATION GRANITE AGGREGATE SETTS BY MARSHALS MONO LIMITED TEL: 0870 2412463 (COLOUR TO BE CONFIRMED BY ARCHITECT)

BEDDING LAYER: MIN 50mm THK TYPE ii MORTAR BED

ROADBASE: 75mm THK DENSE BITUMEN MACADAM BASE COURSE (125 PEN BINDER & 32mm AGGREGATE) TO BS EN 13108-1 (DTP SPECIFICATION CLAUSE 906)

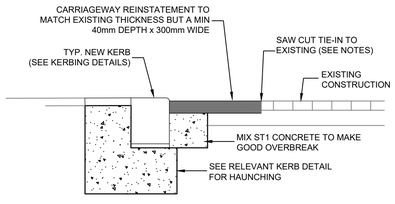
SUB-BASE: 150mm THK MOT TYPE 1 RECYCLED GRANULAR SUB-BASE MATERIAL

CAPPING/FILL: TYPE 6F1/6F5 AGGREGATE MATERIAL AS REQUIRED

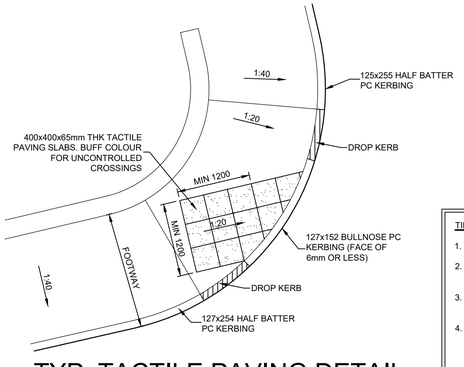


# TYP. NEW RAISED COBBLE RUMBLE STRIP CONSTRUCTION
1:20

SURFACING: 40mm THK HRA 55/14C SURF 40/60 DES PSV 55 TO BS EN 13108-4



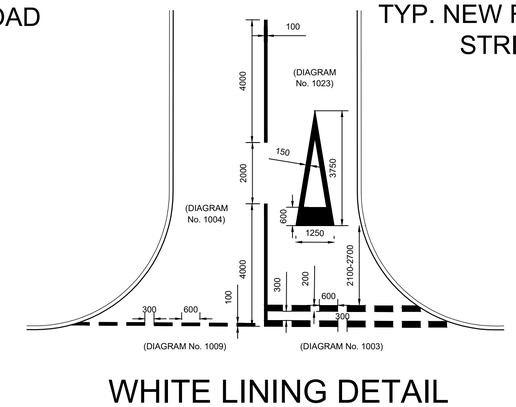

# NEW KERB TIE-IN REINSTATEMENT
1:10




# TYP. TACTILE PAVING DETAIL
1:50

TIE IN - GENERAL NOTES

1. SAW CUT NEAT VERTICAL JOINTS TO EDGES OF CUT BACK
2. EXISTING CONSTRUCTION TO BE SCARIFIED AT ALL INTERFACES WITH NEW CONSTRUCTION
3. VERTICAL FACE OF SAW CUT SHALL BE PAINTED WITH BITUMEN IN ACCORDANCE WITH CLAUSE 903.22
4. IMMEDIATELY PRIOR TO LAYING EACH NEW CONSTRUCTION COURSE, THE EXISTING SURFACE AT ITS INTERFACE SHALL BE DRY AND BRUSHED CLEAN OF DIRT AND LOOSE MATERIAL. A BITUMINOUS TACK COAT OF 30% SPRAY GRADE CATIONIC EMULSION SHALL BE APPLIED AT THE RATE OF 0.4 Litres/Sq.m TO ALL VERTICAL & HORIZONTAL FACES.
5. OVERBANDING SHALL NOT EXCEED 3mm THICKNESS NOR 40mm WIDTH, AND ALL OVERBANDING MATERIALS SHALL HAVE A MIN SKID RESISTANCE VALUE OF 55 SRV. OVERBANDING SHALL NOT BE USED AS A SUBSTITUTE FOR ANY EDGE SEALING REQUIRED AS NOTED ABOVE



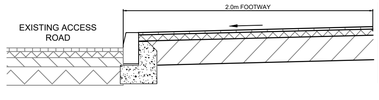

# WHITE LINING DETAIL
1:100

FOOTWAY CONSTRUCTION

SURFACE COURSE: 20mm THK DENSE GRADED MACADAM SURFACE COURSE AC 20 DENSE SURF 160/220 REC IN ACCORDANCE WITH BS EN 13108-1

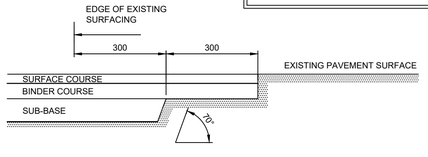
BINDER COURSE: 40mm THK DENSE BINDER COURSE AC 20 DENSE BIN 160/220 REC IN ACCORDANCE WITH BS EN 13108-1

SUB-BASE: MIN 150mm THK TYPE 1 SUB-BASE MATERIAL TO SPECIFICATION CLAUSE 803

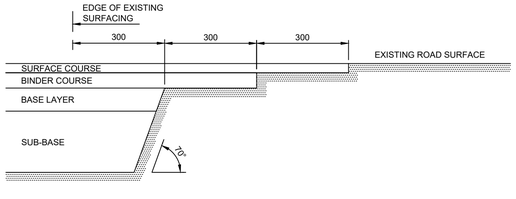



FOOTWAY RE-INSTATEMENT
WHERE FOOTWAY RE-INSTATEMENT IS RELEVANT, EXISTING SURFACE COURSE & BASE COURSE TO BE CHURNED AND CARRIED OFF SITE AND REPLACED WITH NEW SURFACE & BINDER COURSE. (REF SPEC OPP.)

# TYPICAL SECTION SHOWING FOOTWAY CONSTRUCTION
1:25




# CROSS SECTION SHOWING LONGITUDINAL JOINT AT EDGE OF EXISTING FOOTPATH
NTS




# CROSS SECTION SHOWING LONGITUDINAL JOINT AT EDGE OF EXISTING ROAD
1:10

FOR APPROVAL

## GENERAL NOTES

1. ALL DIMENSIONS IN MILLIMETRES & ALL LEVELS IN METRES UNLESS NOTED OTHERWISE ON THE DRAWING
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND RELEVANT SPECIFICATION CLAUSES
3. ALL WORKS IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAY WORKS
4. LOCATION OF ALL EXISTING SERVICES TO BE CONFIRMED BY CONTRACTOR
5. CONNECTION TO SEWER SUBJECT TO SECTION 104 AND SECTION 106 AGREEMENT WITH DCWW
6. ALL OPERATIVES UNDERTAKING ADOPTABLE WORKS TO BE STREETWORKS ACCREDITED.
7. PART N NOTICE TO BE SUBMITTED IN ADVANCE OF WORKS
8. ALL WORKS SHALL BE CONSTRUCTED TO ADOPTABLE STANDARDS IN ACCORDACNCE WITH WCBC STANDARD DETAILS
9. ALL FOUNDATION DESIGN/MATERIALS TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH WCBC RESIDENTIAL ROADS & FOOTPATHS - APPENDIX D MINIMUM CONSTRUCTION SPECIFICATION. ALL TEST RESULTS/CERTIFICATES SHALL BE SUBMITTED TO WCBC (I.E STREETSCENE) FOR FURTHER APPROVAL
10. ROAD MARKINGS SHALL COMPLY WITH THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2002 AND TRAFFIC SIGNS MANUAL (CHAPTER 5) ROAD MARKINGS 2003

## WHITE LINING NOTES

1. FOR REFERENCE TO ROAD MARKINGS REFER TO TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS (TSRGD) LATEST DOCUMENT
2. ROAD MARKINGS SHOULD BE IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAY WORKS SERIES 1200.
3. ALL MARKINGS TO BE OF THERMOPLASTIC SPRAY OR SCREED WITH APPLIED SOLID GLASS BEADS AND DESIGNED IN ACCORDANCE WITH CHAPTER 5 OF THE TRAFFIC SIGNS MANUAL

## KERBING NOTES

1. ALL KERBING TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS SERIES 1100
2. AT CHANGES OF DIRECTION, APPROPRIATE QUADRANTS OR ANGLES SHALL BE USED
3. FOR KERBS LAID AT A RADIUS BETWEEN 1-12m, THE APPROPRIATE RADIUS KERB UNITS SHALL BE USED
4. WHERE KERBLINES TERMINATE, THE APPROPRIATE DROP KERB UNIT SHALL BE USED WHERE SHOWN AS DK
5. ALL KERBS SHALL BE PRECAST CONCRETE TO BS EN 1340 : 2003

KEY

- SITE BOUNDARY
- FOOTPATH REINSTATEMENT TO WREXHAM COUNTY COUNCIL SPEC. (REF DETAIL)
- PROPOSED VEHICULAR ACCESS ROAD (REF DETAIL)
- PROPOSED FOOTPATH CONSTRUCTION (REF DETAIL)
- HB2 — 150x225mm PC HALF BATTERED KERB (HB2) - REF DETAIL 1
- DK — SINGLE PC HALF BATTERED DROP KERB (DK)
- BN — 125x150mm PC BULLNOSED KERB (BN) - REF DETAIL 2
- EF — 150x50mm PC FLAT TOP EDGING KERB (EF) - REF DETAIL 3

| REV | DATE | DESCRIPTION | BY | CHK | APP |
|---|---|---|---|---|---|
| A | 18.10.21 | AMENDED PER COMMENTS DATED 15.09.21 | JP | | |

REVISIONS

FOR APPROVAL

CLIENT: ClwydAlyn

PROJECT: Ty Nos, Holt Road Wrexham

TITLE: Section 278 Sheet 2


DATRYS
**Caernarfon:** Unit 6 Block A, Doc Victoria Caernarfon, LL55 1TH Tel: 01286 671027
**Mold:** Unit 4a, Bronced House Ffordd Bymner Gwair, Mold, CH7 1HP. Tel: 01352 706205
info@datrys.coop | www.datrys.net


| | | | |
|---|---|---|---|
| DRAWN JP | CHECKED LI | PASSED AC | |
| DATE 21.07.21 | CLIENT'S REF. | | |
| SCALE AT A1 AS SHOWN | AUTOCAD REF. 20269/S278 | | |
| DRAWING No. 20269/S278-2 | REVISION A | | |

FOR APPROVAL