## ADOPTABLE EXTERNAL WORKS LEGEND (SUBJECT TO LOCAL AUTHORITY APPROVALS)

CARRIAGEWAY(BLACKTOP) (MIN CBR 5%)
40mm SURFACE COURSE
0/10mm DENSE SURFACE COURSE AC.10 DENSE SURF 100/150
55mm BINDER COURSE
0/20mm DENSE BINDER COURSE AC.20 DENSE BIN 100/150
85mm BASE COURSE
0/32mm DENSE BASE / BINDER AC.32 DENSE BASE / BIN 100/150
330mm SUB-BASE
MoT TYPE 1 TO BS EN 13285:2010 AND BS EN 132424:2002
FOR CBR 2.5% - 5% 120mm ADDITIONAL SUB-BASE -
MoT TYPE 3 TO BS EN 13285:2010 AND BS EN 13242:2002
FOR CBR <2.5% SPECIALIST DESIGN REQUIRED

CARRIAGEWAY TIE IN
REFER TO CARRIAGEWAY TIE IN DETAIL

PEDESTRIAN FOOTPATH (MIN CBR 5%)
20mm SURFACE COURSE
0/6mm DENSE SURFACE COURSE AC.6 DENSE SURF 100/150
60mm BINDER COURSE
0/20mm DENSE BINDER COURSE AC.20 DENSE BIN 100/150
150mm SUB-BASE
MoT TYPE 1 TO BS EN 13285:2010 AND BS EN 132424:2002

## KERBS LEGEND

DENOTES KERB TYPE K1 (125 x 225mm) HALF BATTER KERB. ALL KERBS TO BE K1 UNLESS NOTED OTHERWISE

DENOTES KERB TYPE C1 (145 x 145mm) CHANNEL KERB.

DENOTES KERB TYPE D1 (125 x 150mm) DROPPED KERB.

DENOTES TRANSITION KERB TYPE K1 (125 x 225mm)

DENOTES EXISTING TRIEF KERB (415 x 310mm) TO BE REMOVED AND REUSED. HGV KERB BY AGGREGATE.

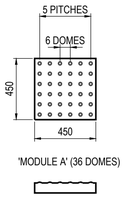
DENOTES NEW TRIEF TRANSITION KERB (415 x 310mm) HGV KERB BY AGGREGATE. 315mm KERB HEIGHT TO 125mm (2 BLOCKS)

DENOTES EXISTING TRIEF TRANSITION KERB (415 x 310mm) TO BE REMOVED AND REUSED. HGV KERB BY AGGREGATE. 315mm KERB HEIGHT TO 125mm (2 BLOCKS)

EXTERNAL WORKS GENERAL ARRANGEMENT TO BE READ IN CONJUNCTION WITH CURRENT ARCHITECTS SITE PLAN / LANDSCAPE ARCHITECTS SITE PLAN WHERE RELEVANT

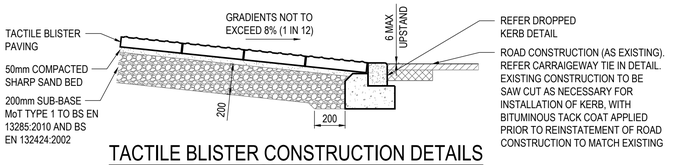
## TACTILE BLISTER PAVING NOTES

1. BLISTER PAVING TO BE IN PRECAST CONCRETE TO BS7263
2. COLOURS : RED FOR CONTROLLED CROSSINGS; BUFF/GOLD FOR UNCONTROLLED CROSSINGS.
3. THE MODULES SHALL BE LAID SO THAT THE ROWS OF DOMES ARE IN LINE WITH ADJACENT MODULES AND ARE IN LINE WITH THE CROSSING.
4. WHEN A TACTILE SURFACE IS TO BE CONSTRUCTED IN AN EXISTING FOOTWAY, ALLOWANCES SHOULD BE MADE FOR REMOVING IRREGULARITIES IN THE ADJACENT FOOTWAY. THIS SHOULD BE ACHIEVED BY CUTTING BACK THE EXISTING FOOTWAY SURFACE TO A SUFFICIENT DISTANCE TO ENABLE A SMOOTH TRANSITION TO BE MADE BETWEEN THE NEW CONSTRUCTION AND THE EXISTING SURFACE TO PREVENT TRIPS AND STANDING WATER.
5. THE IDEAL GRADIENTS FOR TACTILE SURFACES IN NEW CONSTRUCTION SHOULD BE 5%, IN EXISTING FOOTWAYS THE RAMP SHOULD BE CONSTRUCTED AS SHOWN SO THAT GRADIENTS DO NOT EXCEED 8%.
6. TO ASSIST DRAINAGE OF THE FORMATION, THE SUB-BASE UNDER THE TACTILE PAVING SHOULD BE EXTENDED TO THE CARRIAGEWAY SUB-BASE




'MODULE A' (36 DOMES)

## TACTILE BLISTER PAVING
SCALE 1:20




## TACTILE BLISTER CONSTRUCTION DETAILS
SCALE 1:20

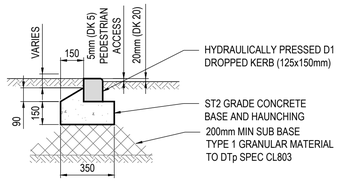
## TACTILE PAVING CONSTRUCTION
SCALE 1:20



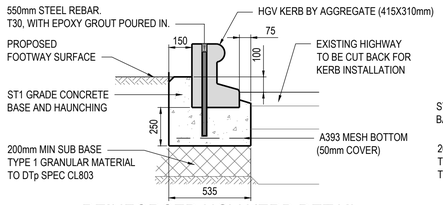

## HALF BATTER KERB DETAIL
SCALE 1:20




## CHANNEL KERB DETAIL
SCALE 1:20

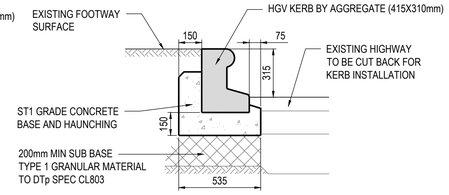



## DROPPED KERB DETAIL
SCALE 1:20

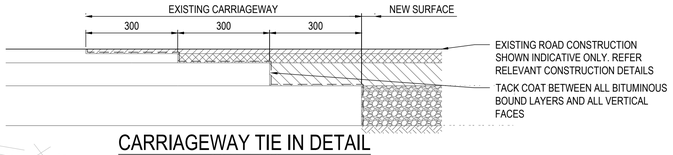



WHEN USING HGV WITH DOWEL HOLES, IT IS NECESSARY TO LAY THE KERBS ON A FRESH CONCRETE KERB RACE AND HAMMER THE DOWEL BARS INTO THE RACE AFTER UNIT IS PLACED. THE HOLES SHOULD THEN BE GROUTED AS SPECIFIED.

## REINFORCED HGV KERB DETAIL
SCALE 1:20



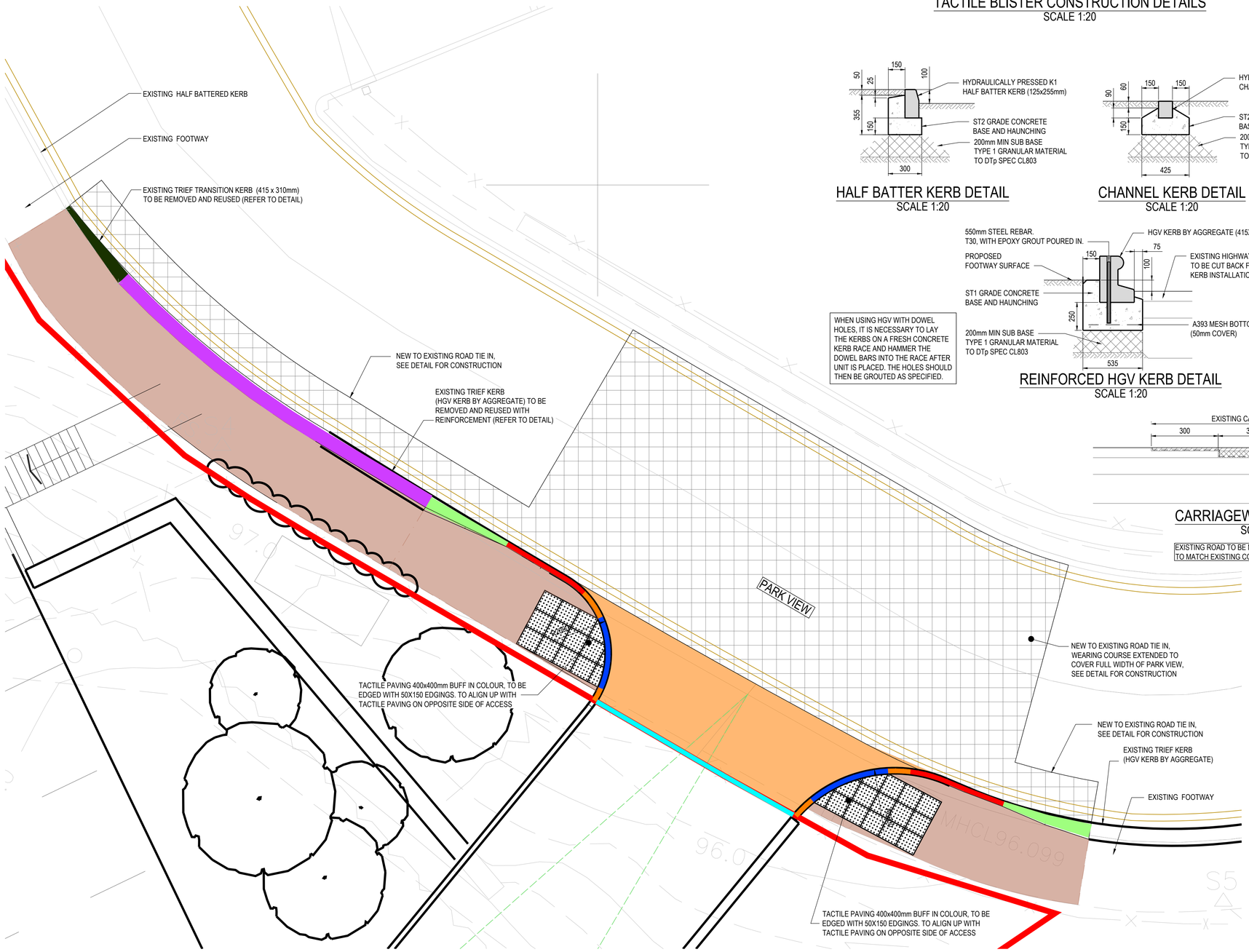

## HGV KERB DETAIL
SCALE 1:20




## CARRIAGEWAY TIE IN DETAIL
SCALE 1:20

EXISTING ROAD TO BE MADE GOOD TO MATCH EXISTING CONSTRUCTION

FOOTPATHS TO BE MADE GOOD TO MATCH EXISTING CONSTRUCTION. LAYERS IN 300mm MIN STEPS SIMILAR TO DETAIL AS SHOWN




PROPOSED KERB CONSTRUCTION LAYOUT AND EXTERNAL WORKS LAYOUT (SCALE 1/100)

## DO NOT SCALE

FOR THE AVOIDANCE OF DOUBT, NO APPROVALS, REVIEWS, COMMENTS OR INDICATION OF SATISFACTION GIVEN BY ARC ENGINEERS IN TERMS OF SUBCONTRACT DRAWINGS, PRODUCTS OR PROPOSED MATERIALS SHALL REDUCE OR EXTINGUISH THE OBLIGATION OF THE SUB-CONTRACTOR OR SUPPLIER TO ADHERE TO THE SPECIFICATION, GENERAL ARRANGEMENT DRAWINGS, STATUTORY REQUIREMENTS AND GOOD WORKING PRACTICE. ARC ENGINEER'S ACCEPT NO LIABILITY FOR THE SELECTION OF MATERIALS OR WORKMANSHIP IN THE EXECUTION OF THE WORKS.

## GENERAL NOTES

1. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXISTS THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATIONS. 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.
4. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER/ARCHITECT AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
5. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETE. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCE AND ENSURE THAT THE BUILDING AND ITS COMPONENTS ARE SAFE DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS WHICH MAY BE NECESSARY, SUCH MATERIAL REMAINING THE PROPERTY OF THE CONTRACTOR UPON COMPLETION.
6. ALL WORK TO COMPLY TO CURRENT BUILDING REGULATIONS AND TO BE IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS AND APPROPRIATE CODES OF PRACTICE.
7. FOR FURTHER NOTES REFER TO PROJECT SPECIFICATIONS.

## SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following risks and information.

Risks listed here are not exhaustive. Refer to Risk Assessment Register: 23066

Construction:

ADD PROJECT NOTES HERE

Demolition
No Unusual hazards/risks

For information relating to Use, Cleaning and Maintenance see Health & Safety File

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION

INDICATES A RESIDUAL RISK FOR INFORMATION

INDICATES A RESIDUAL RISK REQUIRING PROHIBITIVE ACTION

INDICATES A RESIDUAL RISK AS A WARNING

| REV | DETAIL | BY | CHK | APP | DATE |
|---|---|---|---|---|---|
| P3 | AMENDED TO SUIT KIRKLEES COUNCIL FURTHER COMMENTS | JBD | JE | AA | 20.08.2024 |
| P2 | AMENDED TO SUIT KIRKLEES COUNCIL COMMENTS | PJH | JE | AA | 07.08.2024 |
| P1 | INITIAL ISSUE | JE | JE | AA | 25.07.2024 |


ArcEngineers
CONSULTING STRUCTURAL AND CIVIL ENGINEERS
3 CADMAN COURT, LEEDS, LS27 0RX
Phone: 0113 253 3904
www.arc-engineers.co.uk


CLIENT:
WHITSHAWS BUILDERS & ACHIEVE TOGETHER

PROJECT:
WAKEFIELD ROAD, EARLSHEATON, DEWSBURY

TITLE:
SECTION 278
PROPOSED KERB CONSTRUCTION LAYOUT AND EXTERNAL WORKS LAYOUT

DRAWING STATUS:
PRELIMINARY

| DRAWN: | DATE: | CHECKED: | DATE: | APPROVED: | DATE: |
|---|---|---|---|---|---|
| JE | JULY 24 | JE | JULY 24 | AA | JULY 24 |

CONTRACT No. 23066 — SCALE @ A1: 1:100

PROJECT No. ORIGINATOR ZONE LEVEL TYPE DISCIPLINE NUMBER REVISION
23066 - ARC - XX - XX - DR - C - 6200 - P3

© ARC ENGINEERS LTD 2024