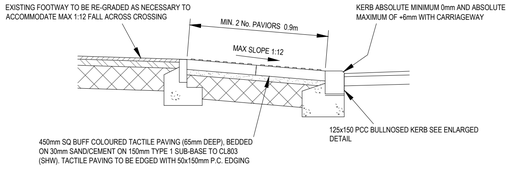



## ADOPTABLE ROAD CONSTRUCTION AT SITE ENTRANCE

SCALE 1:25

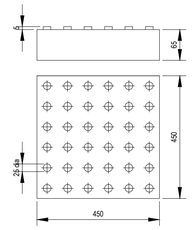
| % OF SUB-GRADE | THICKNESS OF CAPPING LAYER (mm) | MINIMUM THICKNESS OF SUB-BASE (TYPE mm) | |
|---|---|---|---|
| | | CATEGORIES 3B & 4A | CATEGORY 4B |
| > 5% | NIL | 250 | 280 |
| > 2% - 5% | 275 | 250 | 280 |
| < 2% - 2% | 525 | 250 | 280 |

NOTE:
CONTRACTOR TO ALLOW FOR LAB TESTS TO BE UNDERTAKEN IN AGREEMENT WITH R & CBC ENGINEER TO DETERMINE CBR VALUE & APPROPRIATE CAPPING THICKNESS PRIOR TO WORKS COMMENCING




## TYPICAL SECTION THRO' TACTILE PAVING

SCALE 1:20




## PEDESTRIAN TACTILE PAVIOR DETAIL

SCALE 1:20

**HEALTH & SAFETY:**

1. CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.

ROADS & DRAINAGE

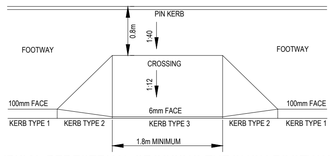
2. CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE
3. THE TIME THAT EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES SHOULD BE BURROUNDED BY A BARRIER.
4. CONNECTIONS TO EXISTING SEWERS TO BE MADE BY APPROVED CONTRACTOR ONLY.
5. CONTRACTOR TO MAKE OPERATIVES AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS LEPTOSPIROSIS (WEILS DISEASE) AND RECOMMENDED PRECAUTIONS. ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
6. UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH BARRIER.

PIPES & CABLES

7. CONTRACTOR TO OBTAIN ALL SERVICE RECORDS PRIOR TO WORKS COMMENCING.
8. SERVICE RECORDS TO BE REFERRED TO PRIOR TO WORK COMMENCING. CONTRACTOR TO PROCEED WITH CAUTION AND SERVICES TO BE LOCATED BY HAND DIG AND PROTECTED ACCORDINGLY.

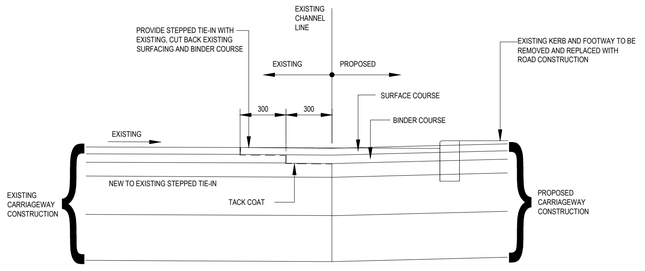
EXCAVATION/FILL

9. CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM STEEP SLOPES DURING THE WORKS.
10. CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM WORKING PLANT WHERE NECESSARY.
11. CONTRACTOR TO REFER TO GROUND INVESTIGATION REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.



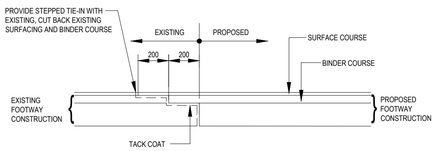

## TYPICAL PEDESTRIAN CROSSING THROUGH FOOTWAY

SCALE 1:50




## NEW TO EXISTING CARRIAGEWAY DETAIL

SCALE 1:20




## NEW TO EXISTING FOOTWAY DETAIL

SCALE 1:20




## BULLNOSED KERB TYPE 3

SCALE 1:10




## PIN KERB

SCALE 1:10




## DROP KERB/TRANSITION KERB KERB TYPE 2

SCALE 1:10




## CHANNEL KERB CK

SCALE 1:10




## DUCTS SD1

Scale 1:20




## DUCTS SD2

Scale 1:20




## DUCTS SD4

Scale 1:20




## HIGHWAY GULLIES

SCALE 1:20







## TYPICAL CONCRETE SURROUND TO GULLY LEAD

SCALE 1:20

**DESIGN NOTES:**

1. ALL WORKS TO COMPLY WITH CURRENT VERSION OF THE FOLLOWING DOCUMENTS:
   - DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB)
   - SPECIFICATION FOR HIGHWAY WORKS (SHW)
   - LOCAL AUTHORITY DESIGN GUIDE AND SPECIFICATION
2. PRIOR TO COMMENCING WORKS THE CONTRACTOR SHOULD INVESTIGATE AND LOCATE AS NECESSARY ANY STATUTORY UNDERTAKERS EQUIPMENT WITHIN THE NEW ACCESS AND DISCUSS REQUIREMENTS FOR LOWERING/DIVERSION AND PROTECTION WITH THE RELEVANT UNDERTAKER.
3. ALL WORKS WITHIN THE PUBLIC HIGHWAY TO MEET LOCAL AUTHORITY REQUIREMENTS. CONTRACTOR TO APPLY FOR ROAD OPENING NOTICES ETC AS REQUIRED.
4. CBR VALUE NOT AVAILABLE. ROAD CONSTRUCTION DETAIL SUBJECT TO CONFIRMATION OF CBR VALUES. CONTRACTOR TO ALLOW FOR LAB TESTS TO BE UNDERTAKEN IN AGREEMENT WITH LOCAL AUTHORITY HIGHWAY ENGINEER PRIOR TO WORKS COMMENCING.
5. PROPOSED LEVELS HAVE BEEN BASED ON THE EXISTING TOPOGRAPHICAL SURVEY BY SUPPLIED BY THE CLIENT.
6. PROPOSED DRAWING BASED ON CURRENT ARCHITECTURAL LAYOUT PROVIDED BY THE APPOINTED ARCHITECT.
7. SLOPES GREATER THAN 1 IN 6 MAY REQUIRE STABILISATION. GEOTECHNICAL ENGINEER TO BE CONTACTED TO CONFIRM REQUIREMENTS

**SUBJECT TO LOCAL AUTHORITY APPROVAL**

| Date | Revisions | Drawn | Checked | Rev |
|---|---|---|---|---|
| 08.05.2025 | AMENDMENTS MADE TO NOTATION. NEW TO EXISTING CARRIAGEWAY AND FOOTWAY DETAILS ADDED. | JS | AM | 3 |
| 06.03.2024 | GULLY POT DEPTH AMENDED, TACTILE DETAIL AMENDED | RPB | RB | 2 |
| 17.01.2024 | FIRST ISSUE | RPB | RB | 1 |

Dwg Status: PLANNING


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0191 2585632

YORKSHIRE
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RWO
CONSULTING ENGINEERS

WWW.RWO.GROUP
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Client: MODO BLOCK LTD.

Project: CROSSGATE
CLAYPATH LANE, SOUTH SHIELDS

Title: SECTION 278 WORKS
HIGHWAY DETAILS

| DO NOT SCALE | Scale @ A1: | Drawn RPB | Checked RB | Date 16.01.2024 |
|---|---|---|---|---|
| Job No 22123 | | Dwg No D1006 | | Rev 3 |

**SUBJECT TO LOCAL AUTHORITY APPROVAL**