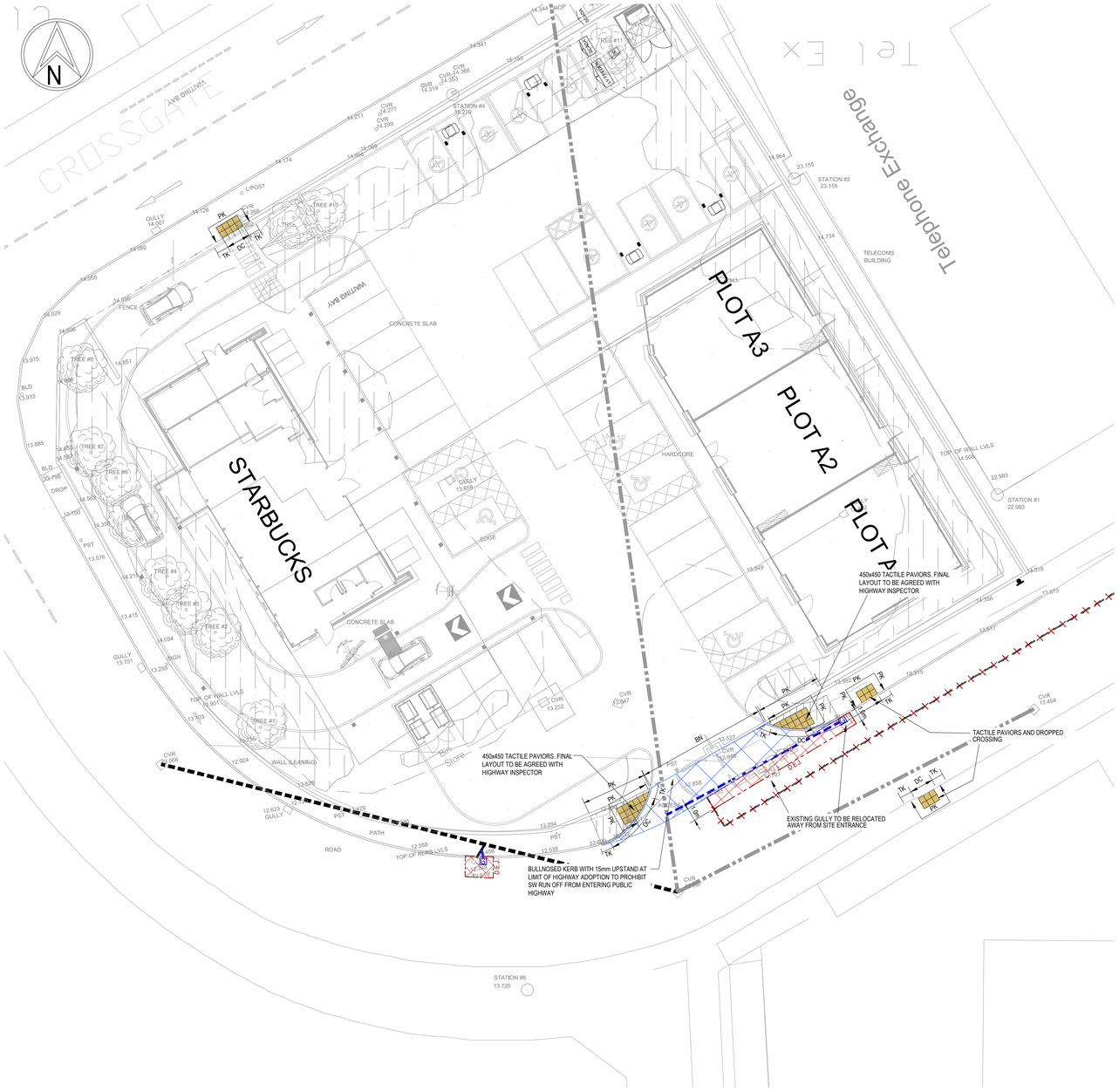


FULL DEPTH CARRIAGEWAY CONSTRUCTION -

40mm SURFACE COURSE:
HRA 35/14F SURF 40/60 DENSE 14-20mm PRE COATED CHIPPINGS WITH 60(65)PSV TO BS594

40mm BINDER COURSE:
DBM AC20 DENSE BIN 100/150

80mm BASE COURSE:
DBM AC32 DENSE BASE 100/150

300mm SUB-BASE:
GRANULAR TYPE 1

CAPPING TBC:
IMPORTED GRANULAR FILL TO CL 10.3.2

FOOTWAY CONSTRUCTION

25mm SURFACE COURSE:
DENSE BITUMEN MACADAM WITH 6mm NOMINAL AGGREGATE SIZE.

50mm BINDER COURSE:
DENSE MACADAM WITH 20mm NOMINAL AGGREGATE SIZE.

150mm SUB-BASE:
150mm GRANULAR TYPE 1

INFILL CONCRETE CARRIAGEWAY CONSTRUCTION -

200mm SURFACE COURSE:
PAV 2 AIR ENTRAINED CONCRETE, CONSISTENCE CLASS S2, CEMENT TO TABLE A.17 OF BS 8500-1. 1 LAYER A393 MESH 50 COVER (TOP)
BASE COURSE:
REGULATE WITH TYPE 1 SUB BASE

TACTILE PAVING

PAVING UNITS:
450mm SQ BUFF COLOURED TACTILE PAVING (65mm DEEP)

BEDDING
30mm SAND/CEMENT *AS SPECIFIED IN BS 6717 Pt 3*
SUB BASE ***150mm TYPE 1*** *TO SHW 803*

TACTILE PAVING TO BE EDGED WITH 50x150mm P.C. EDGING

GENERAL SAFETY NOTES:

1. WHERE THE BASE (ROAD BASE) HAS BEEN USED AS A TEMPORARY RUNNING SURFACE DURING THE CONTRACT IT SHALL BE THOROUGHLY CLEANED AND POWER WASHED AS NECESSARY. AFTER DRYING AND IMMEDIATELY BEFORE THE BINDER COURSE IS LAID A TACK COAT OF BITUMEN EMULSION CLASS A1-40 OR K1-40 TO BS434 SHALL BE APPLIED AT A RATE OF 0.35-0.55 LITRES/SQ.METER.
2. ALL RADIUS KERBS WITH A RADIUS OF 12m OR LESS SHALL BE FORMED WITH PROPRIETARY RADIUS KERBS.

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 SURROUNDED 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.

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 **IAN RUTHERFORD SURVEYING - REF JR255 - 01A DATED 30.01.2022**.
6. PROPOSED DRAWING BASED ON ARCHITECTURAL LAYOUT BY **IMA ARCHITECTS RECEIVED VIA EMAIL ON 15.07.2023.**
7. SLOPES GREATER THAN 1 IN 6 MAY REQUIRE STABILISATION. GEOTECHNICAL ENGINEER TO BE CONTACTED TO CONFIRM REQUIREMENTS.

DESIGN NOTES

KEY

BN	125x150mm BULLNOSED DROPPED KERB (15mm UPSTAND - HIGH SIDE ADOPTABLE HIGHWAY)
DK	125x150mm BULLNOSED DROPPED KERB (FROM 0mm TO 6mm UPSTAND)
TK	125x255mm TRANSITION KERB (HB2 TO DK)
PK	50x150mm FLAT TOP EDGING

KEY

DOWELED EXPANSION JOINT

NEW GULLY & 150Ø GULLY TAIL

SUBJECT TO LOCAL AUTHORITY & WATER AUTHORITY APPROVAL

Date	Revisions	Drawn	Checked	Rev
08.04.2025	AMENDED TO SUIT LATEST SITE LAYOUT	JS	RWO	3
06.03.2024	TACTILE EXTENTS AMENDED	RPB	RB	2
16.01.2024	FIRST ISSUE	RPB	RB	1

Dwg Status: PLANNING

NORTH EAST
0191 2585632

YORKSHIRE
0113 5323500

CONSULTING ENGINEERS

WWW.RWO.GROUP
INFO@RWO.GROUP

Client
MODO BLOCK LTD.

Project
CROSSGATE
CLAYPATH LANE, SHOUTH SHIELDS

Title
SECTION 278 WORKS
KERBING AND SURFACING

DO NOT SCALE	Scale @ A1: 1:200	Drawn RPB	Checked RB	Date 16.01.2024
Job No 22123		Dwg No D1003		Rev 3