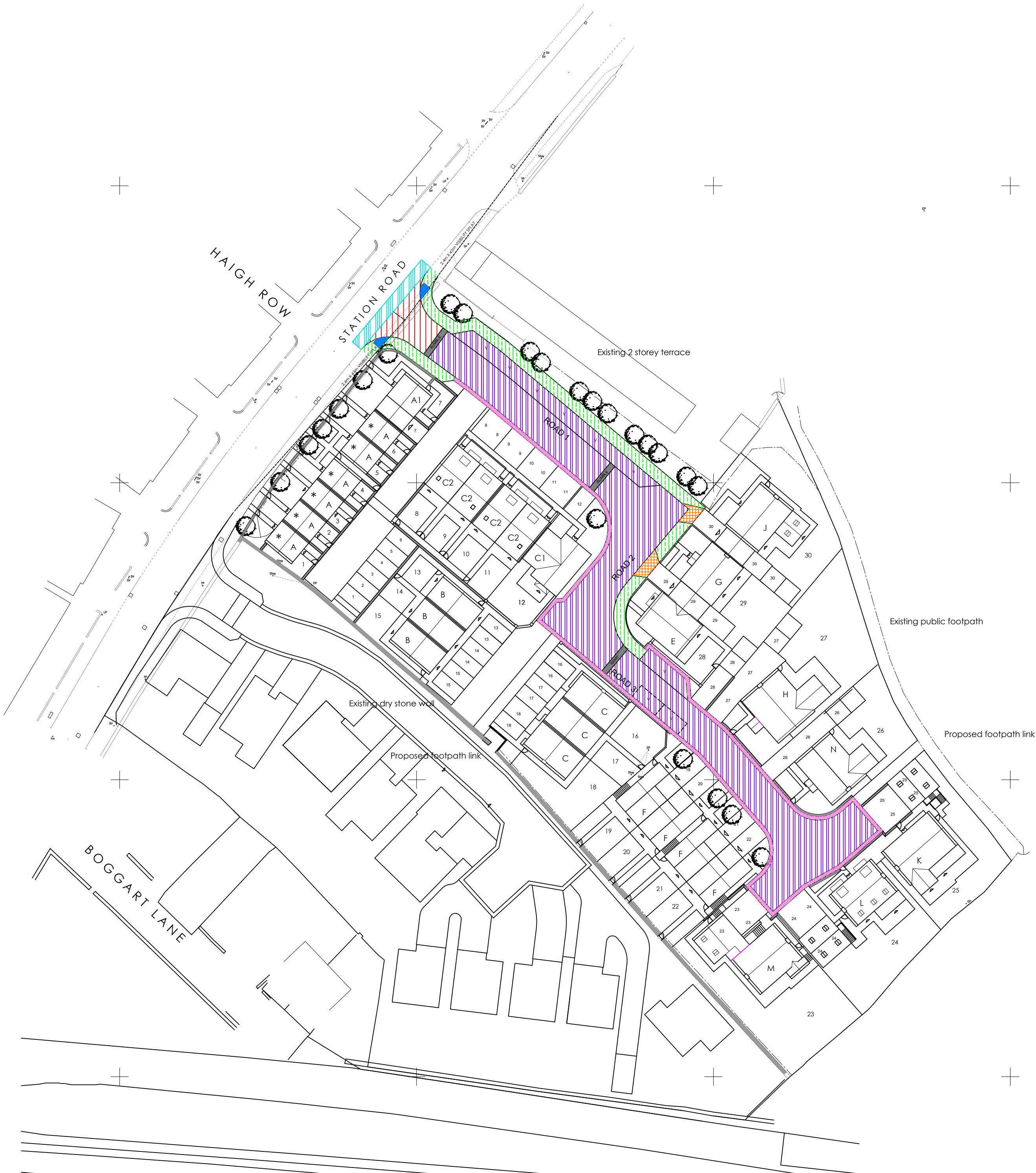




KEY:

- NEW CARRIAGEWAY
LOCAL RESIDENTIAL STREET CONSTRUCTION
- NEW CARRIAGEWAY
SHARED SURFACE
- EXISTING CARRIAGEWAY PLANED MIN 40mm AND RECONSTRUCTED TO
PROPOSED LEVELS WITH
68PSV. RECONSTRUCTION DEPTHS VARIES TO SUIT PROPOSED ROAD LEVELS.
- NEW FOOTWAY
- NEW BLOCK PAVED RAMP / RUMBLE STRIP
- NEW BLOCK PAVED HARD MARGIN
- VEHICULAR CROSSING
- TACTILE PEDESTRIAN CROSSING

CARRIAGEWAY LOCAL RESIDENTIAL STREET CONSTRUCTION

30mm OF 0/6mm DENSE SURFACE COURSE
AC 6 DENSE SURF 40/60

55mm OF 0/20mm DENSE BINDER COURSE
AC 20 DENSE BIN 100/150

85mm OF 0/32mm DENSE / BINDER COURSE
AC 32 DENSE BASE / BIN 100/50

SUB-BASE THICKNESS TO BE BASED ON 350mm TYPE 1 GRANULAR
SUB-BASE WITH 2% CBR UNTIL OTHERWISE PROVEN BY ON SITE CBR
TESTING

CARRIAGEWAY SHARED SURFACE CONSTRUCTION

30mm OF 0/6mm DENSE SURFACE COURSE
AC 6 DENSE SURF 40/60

55mm OF 0/20mm DENSE BINDER COURSE
AC 20 DENSE BIN 100/150

85mm OF 0/32mm DENSE / BINDER COURSE
AC 32 DENSE BASE / BIN 100/50

SUB-BASE THICKNESS TO BE BASED ON 350mm TYPE 1 GRANULAR
SUB-BASE WITH 2% CBR UNTIL OTHERWISE PROVEN BY ON SITE CBR
TESTING

FOOTPATH (100mm UPSTAND)

25mm THICK 6mm N.S. DBM - SURFACE COURSE

40mm THICK 20mm N.S. DBM - BINDER COURSE

100mm D.O.T. TYPE 1 STONE SUB-BASE

VEHICULAR CROSSING (25mm UPSTAND)

25mm THICK 6mm N.S. DBM SURFACE COURSE

60mm THICK 20mm N.S. DBM - BINDER COURSE

150mm D.O.T. TYPE 1 STONE SUB-BASE

HARD MARGIN (30mm UPSTAND)

100 x 200 x 80mm CONCRETE BLOCKS

20mm THICK 1:3 CEMENT MORTAR BED

150mm THICK ST5 CONCRETE BASE

PUBLIC RIGHT OF WAY

25mm THICK HD1000 FLEXIPAVE BY KBI OR SIMILAR - SURFACE COURSE

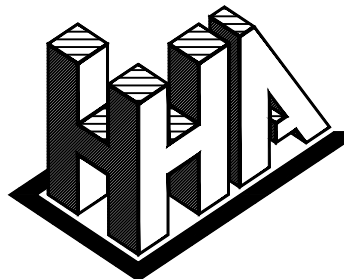
40mm THICK 20mm N.S. DBM - BINDER COURSE

100mm D.O.T. TYPE 1 STONE SUBBASE

"REFER TO HMA DRAWING NUMBER E146015/009 FOR DETAILED
CONSTRUCTION SPECIFICATION"

NOTE: ANY DEFECTS WHICH BECOME APPARENT FOLLOWING PLANNING
OFF OF THE WEARING COURSE SHALL REQUIRE REMEDIATION SUBJECT
TO THE AGREEMENT OF THE HIGHWAYS OFFICER

RISK ASSESSMENT SIGNIFICANT RISKS THAT CANNOT BE DESIGNED OUT		
RISK	LEVEL OF RISK (LML)	SUGGESTED ACTION
DEEP EXCAVATIONS ASSOCIATED WITH NEW DRAINAGE WORKS	HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS
HANDLING LARGE DIAMETER MANHOLE RINGS AND CIRCULAR PIPES	HIGH	USE CORRECT LIFTING EQUIPMENT AND ENSURE OPERATIVES WEAR APPROPRIATE PROTECTIVE CLOTHING/HARD HATS/CORRECT PPE
CONTACT WITH SEWAGE	MED	OPERATIVES TO USE CORRECT BREATHING EQUIPMENT/CORRECT PPE
NOISE	MED	OPERATIVES TO USE CORRECT EAR PROTECTION/CORRECT PPE
DRAINAGE EXCAVATIONS ADJACENT EXISTING BOUNDARY STRUCTURES	HIGH	ENSURE CORRECT SUPPORTS ARE PROVIDED TO TRENCHES AND BUILDINGS WHERE REQUIRED
DRAINAGE EXCAVATION IN PUBLIC HIGHWAY	HIGH	ENSURE CORRECT USE OF TRENCH SUPPORTS IN EXCAVATION AND SCREEN BARRIERS TO PROTECT MEMBERS OF THE PUBLIC
MAINTAIN ACCESS TO ADJACENT PROPERTIES AND OCCUPIERS	HIGH	ENSURE WORKS ARE PROTECTED WITH BARRIERS AND SIGNS TO GUIDE THE PUBLIC AWAY FROM THE WORKS
DRAINAGE EXCAVATIONS NEAR TO EXISTING SERVICES	HIGH	ENSURE WORKS ARE PROTECTED WITH BARRIERS AND SIGNS TO GUIDE MEMBERS OF THE PUBLIC AWAY FROM THE AREA
WORKING IN CONFINED SPACES. WORKING IN DRAINS AND MANHOLES	HIGH	CONFINED SPACES WORKING TRAINED PERSONNEL ONLY TO CARRY OUT WORKS UNDER A PERMIT TO WORK SCHEME IMPLEMENTED BY CONTRACTOR. GAS TESTING TO TAKE PLACE BEFORE ALL ENTRIES TO CONFINED SPACES.
WORKING IN HIGHWAYS / RISKS FROM VEHICLE AND PLANT	HIGH	ALL WORKS TO BE SIGNED AND FENCED FROM NORMAL VEHICULAR TRAFFIC. ALL WORKERS TO WEAR HIGH VISIBILITY CLOTHING. ALL PLANT TO HAVE VISUAL AND AUDIBLE WARNING SYSTEMS
ROAD AND DRAINAGE CONSTRUCTION	HIGH	ALL EXCAVATIONS TO BE ADEQUATELY FENCED OFF AND SUPPORTED DURING CONSTRUCTION. ALL OPERATIVES TO BE TRAINED IN CORRECT METHODS OF LIFTING AND WORK IN ACCORDANCE WITH LOLER REGS.
IT IS ASSUMED THAT WORKS ASSOCIATED WITH THIS DESIGN WILL BE UNDERTAKEN BY A PERSON OR PERSONS WHO ARE COMPETANT AND HAVE THE REQUIRED LEVEL OF EXPERIENCE AND EXPERTISE		



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Client

YORKSHIRE COUNTRY PROPERTIES

Project

STATION ROAD, SKELMANTHORPE

Detail

SURFACE TREATMENT PLAN

Dwn	Chkd	Date	Scale	Dwg No.
HH		JUL-21	1:500@A1	E18/7366/037