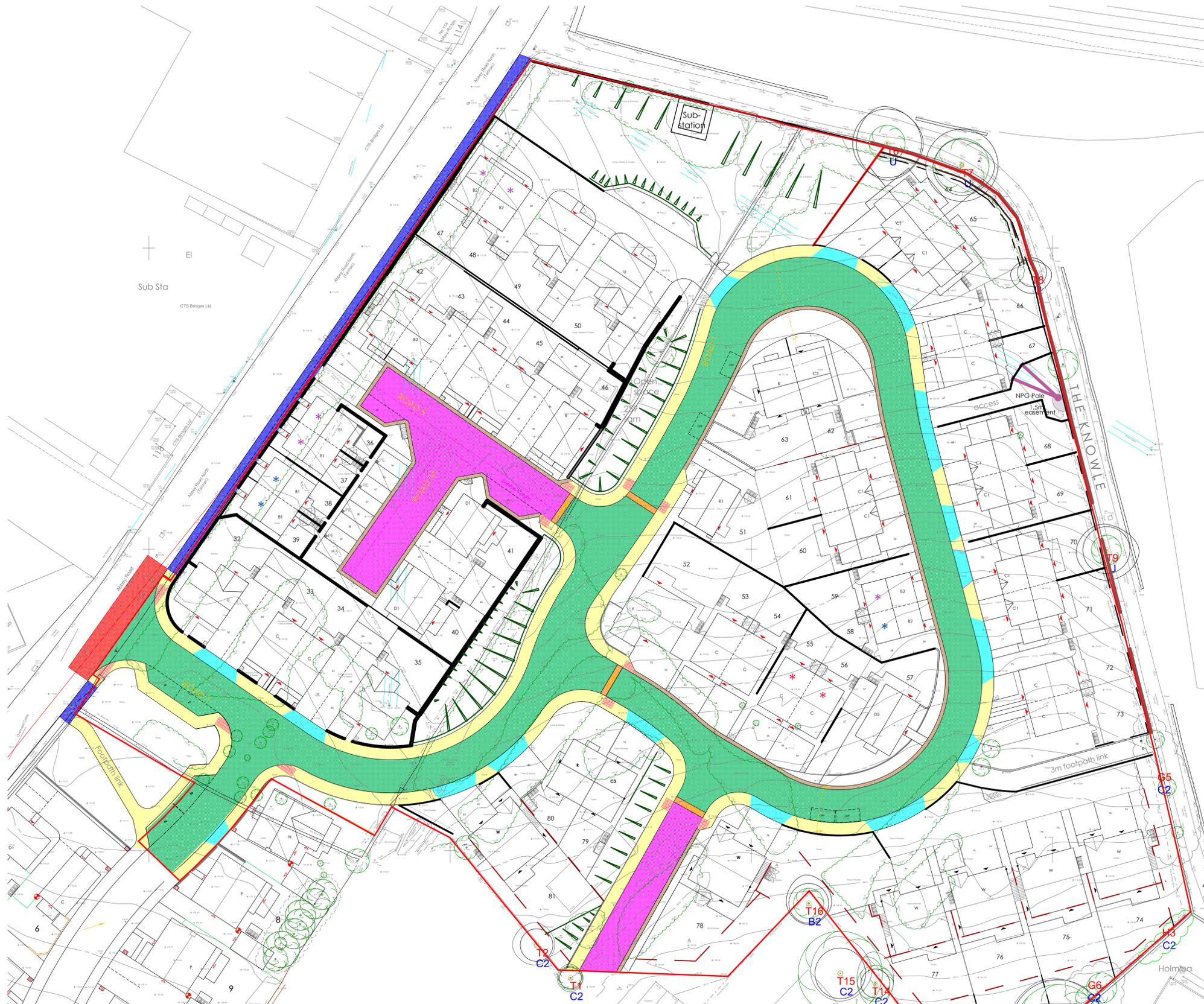




- KEY: Construction Details**
- **ACCESS ROAD CONSTRUCTION**
 - 30mm OF 6mm DENSE SURFACE COURSE
 - AC.6 DENSE SURF 100/150
 - 55mm OF 0/20 DENSE BINDER COURSE AC.20
 - DENSE BON 100/150
 - 85mm OF 0/32 DENSE/BINDER COURSE AC.32
 - DENSE BASE/ BIN 100/50 BASE COURSE
 - SUB BASE DETERMINED BY CBR VALUE. REFER TO DWG E177465/009
 - **RAISED ACCESS COURT CONSTRUCTION**
 - 100x200x80mm THICK CONCRETE BLOCK PAVING IN BRINDLE ON 30mm SAND BED LAID IN HERRINGBONE PATTERN
 - 55mm OF 0/20 DENSE BINDER COURSE AC.20
 - DENSE BON 100/150
 - 85mm OF 0/32 DENSE/BINDER COURSE AC.32
 - DENSE BASE/ BIN 100/50 BASE COURSE
 - SUB BASE DETERMINED BY CBR VALUE. REFER TO DWG E177465/009
 - **EXISTING CARRIAGEWAY TIE-IN**
 - EXISTING SURFACE COURSE TO BE PLANNED OFF AND RE-SURFACED. ROAD CONSTRUCTION TO BE STEPPED IN LAYERS WITH 300mm OVERLAP
 - REFER TO DWG E177465/009 FOR DETAILS.
 - **FOOTPATH Construction:**
 - 25mm OF 0/6 DENSE SURFACE COURSE AC.20
 - DENSE BON 100/150
 - 40mm OF 0/20 DENSE BINDER COURSE AC.20
 - DENSE BON 100/150
 - 100mm TYPE 1 STONE SUB-BASE TO CL.603
 - **EXISTING FOOTPATH WIDENING Construction:**
 - EXISTING SURFACE COURSE TO BE PLANNED OFF TO 25mm DEPTH AND RE-SURFACED.
 - NEW WIDENED SECTION TO COMPRISE OF:
 - 25mm OF 0/6 DENSE SURFACE COURSE AC.20
 - DENSE BON 100/150
 - 40mm OF 0/20 DENSE BINDER COURSE AC.20
 - DENSE BON 100/150
 - 100mm TYPE 1 STONE SUB-BASE TO CL.603
 - **HARD MARGIN Construction:**
 - 4 COURSES BLOCK PAVIORS BEDDED ON 20mm THICK 1:3 CEMENT MORTAR BED
 - **VEHICLE CROSSING Construction:**
 - 25mm OF 0/6 DENSE BINDER COURSE AC.20
 - DENSE BON 100/150
 - 60mm OF 0/20 DENSE BINDER COURSE AC.20
 - DENSE BON 100/150
 - 150mm TYPE 1 STONE SUB-BASE TO CL.603
 - **RAMP Construction:**
 - 7NO. COURSES OF 100x200x80mm THICK CONCRETE BLOCK PAVING BEDDED IN 1:3 CEMENT MORTAR LAID IN STRETCHER COURSE
 - 150mm THICK ST5 CONCRETE ON MINIMUM 150mm D.O.T. TYPE 1 STONE
 - **TACTILE PAVING Construction:**
 - 450x450x50mm THICK BLISTER TOP TACTILE PAVING BLOCKS LAID ON 50mm SAND BED.
 - 100mm D.O.T. TYPE 1 STONE
- Note: See Drawing Number E177465/009 For Standard Details
CBR testing is undertaken on site to determine the extent of capping/
sub-base material.



RISK ASSESSMENT: SIGNIFICANT RISKS THAT CANNOT BE DESIGNED OUT	LEVEL OF RISK	REGISTERED 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 INDETERMINATE RISK ASSESSMENT IN RESPECT TO ALL OPERATIONS AND OPERATIONS TO USE CORRECT BREAKING EQUIPMENT/CORRECT PIPE
CONTACT WITH SERVICES	MED	OPERATOR TO USE CORRECT BREAKING EQUIPMENT/CORRECT PIPE
NOISE	MED	OPERATOR TO USE CORRECT EAR PROTECTION/CORRECT PIPE
DRAINAGE EXCAVATIONS ADJACENT EXISTING HOUSING STRUCTURES	HIGH	ENSURE CORRECT SUPPORTS ARE PROVIDED TO TRENCHES AND ENSURE CORRECT USE OF TRENCH SUPPORTS IN EXCAVATION AND TRENCH BRIDGES TO CONTACT SERVICES AT THE SURFACE
DRAINAGE EXCAVATIONS NEAR TO EXISTING SERVICES	HIGH	ENSURE WORK IS PROTECTED WITH BARRIERS AND SIGNS TO GUARD THE AREA FROM THE SURFACE AND TO GUARD MEMBERS OF THE PUBLIC FROM THE SURFACE
WORKING IN CLOSE PROXIMITY TO EXISTING SERVICES	HIGH	ENSURE CORRECT SUPPORTS ARE PROVIDED TO TRENCHES AND TRENCH BRIDGES TO CONTACT SERVICES AT THE SURFACE
WORKING IN HIGHWAYS/ROADS FROM VEHICLE AND PLANT	HIGH	ALL EXCAVATIONS TO BE ACCURATELY TRENCH OFF AND SUPPORTED DURING CONSTRUCTION AND OPERATIONS. ALL EXCAVATIONS TO BE ACCURATELY TRENCH OFF AND SUPPORTED DURING CONSTRUCTION AND OPERATIONS. ALL EXCAVATIONS TO BE ACCURATELY TRENCH OFF AND SUPPORTED DURING CONSTRUCTION AND OPERATIONS.
ROAD AND DRAINAGE CONSTRUCTION	HIGH	ALL EXCAVATIONS TO BE ACCURATELY TRENCH OFF AND SUPPORTED DURING CONSTRUCTION AND OPERATIONS. ALL EXCAVATIONS TO BE ACCURATELY TRENCH OFF AND SUPPORTED DURING CONSTRUCTION AND OPERATIONS.

IT IS ASSURED THAT WORKS ASSOCIATED WITH THIS DESIGN WILL BE UNDERTAKEN BY A PERSON OR PERSONS WHO ARE COMPETENT AND HAVE THE REQUIRED LEVEL OF EXPERIENCE AND EXPERTISE.

Rev	Description	Date	Initials
E	Updated to suit latest planning layout	11.09.25	OF
D	Updated to suit latest planning layout	05.02.25	OF
C	Block paving added to Roads 5 and 6 to suit highway comments.	19.11.22	JM
B	Amended to show only Phase 2. Resized plan to 1/250@A0.	14.10.22	RTH
A	Updated to suit Phase 1A replan.	07.07.22	JM

Haigh Huddleston & Associates
Civil Structural Engineering Consultants

Firth Buildings, 99 - 101 Leeds Rd, Dewsbury, WF12 7BU | t 01924 464342 | f 01924 450602
e martin@haighhuddleston.co.uk

Client:
YORKSHIRE COUNTRY PROPERTIES

Project:
ABBEY ROAD, SHERLEY

Detail:
ROAD SURFACE TREATMENT PLAN - PHASE 2

Drawn: JF | Checked: MH | Date: Nov 2020 | Scale: 1/250 @A0 | Draw No: E177465/538E