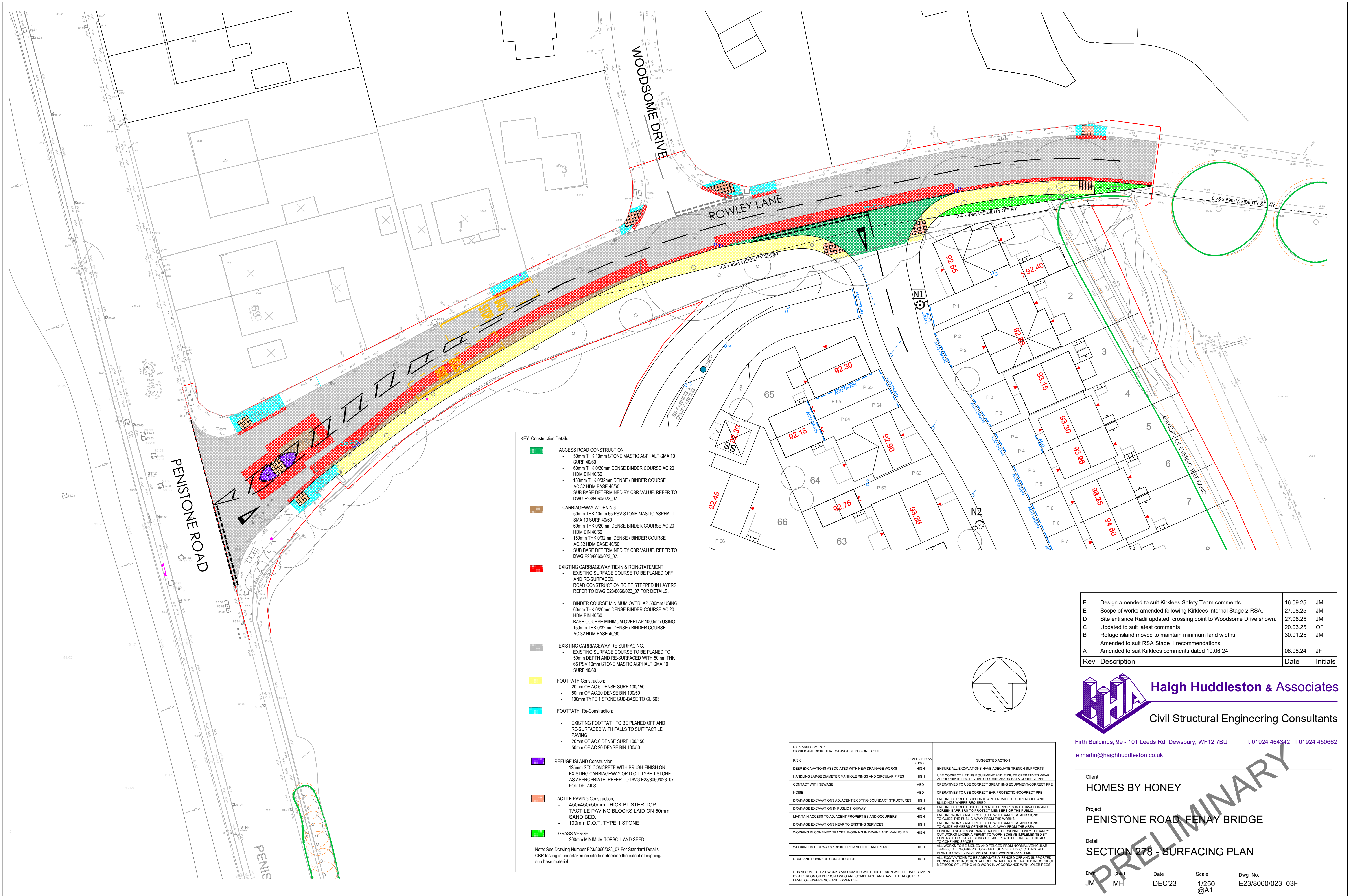




- KEY: Construction Details
- ACCESS ROAD CONSTRUCTION**
 - 50mm THK 10mm STONE MASTIC ASPHALT SMA 10 SURF 40/60
 - 60mm THK 0/20mm DENSE BINDER COURSE AC.20 HDM BIN 40/60
 - 130mm THK 0/32mm DENSE / BINDER COURSE AC.32 HDM BASE 40/60
 - SUB BASE DETERMINED BY CBR VALUE. REFER TO DWG E23/8060/023_07.
 - CARRIAGEWAY WIDENING**
 - 50mm THK 10mm 65 PSV STONE MASTIC ASPHALT SMA 10 SURF 40/60
 - 60mm THK 0/20mm DENSE BINDER COURSE AC.20 HDM BIN 40/60
 - 150mm THK 0/32mm DENSE / BINDER COURSE AC.32 HDM BASE 40/60
 - SUB BASE DETERMINED BY CBR VALUE. REFER TO DWG E23/8060/023_07.
 - EXISTING CARRIAGEWAY TIE-IN & REINSTATEMENT**
 - EXISTING SURFACE COURSE TO BE PLANED OFF AND RE-SURFACED.
 - ROAD CONSTRUCTION TO BE STEPPED IN LAYERS REFER TO DWG E23/8060/023_07 FOR DETAILS.
 - BINDER COURSE MINIMUM OVERLAP 500mm USING 60mm THK 0/20mm DENSE BINDER COURSE AC.20 HDM BIN 40/60**
 - BASE COURSE MINIMUM OVERLAP 1000mm USING 150mm THK 0/32mm DENSE / BINDER COURSE AC.32 HDM BASE 40/60**
 - EXISTING CARRIAGEWAY RE-SURFACING**
 - EXISTING SURFACE COURSE TO BE PLANED TO 50mm DEPTH AND RE-SURFACED WITH 50mm THK 65 PSV 10mm STONE MASTIC ASPHALT SMA 10 SURF 40/60
 - FOOTPATH Construction:**
 - 20mm OF AC.6 DENSE SURF 100/150
 - 50mm OF AC.20 DENSE BIN 100/50
 - 100mm TYPE 1 STONE SUB-BASE TO CL.603
 - FOOTPATH Re-Construction:**
 - EXISTING FOOTPATH TO BE PLANED OFF AND RE-SURFACED WITH FALLS TO SUIT TACTILE PAVING
 - 20mm OF AC.6 DENSE SURF 100/150
 - 50mm OF AC.20 DENSE BIN 100/50
 - REFUGE ISLAND Construction:**
 - 125mm ST5 CONCRETE WITH BRUSH FINISH ON EXISTING CARRIAGEWAY OR D.O.T TYPE 1 STONE AS APPROPRIATE. REFER TO DWG E23/8060/023_07 FOR DETAILS.
 - TACTILE PAVING Construction:**
 - 450x450x50mm THICK BLISTER TOP TACTILE PAVING BLOCKS LAID ON 50mm SAND BED.
 - 100mm D.O.T. TYPE 1 STONE
 - GRASS VERGE:**
 - 200mm MINIMUM TOPSOIL AND SEED
- Note: See Drawing Number E23/8060/023_07 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		
RISK	LEVEL OF RISK RML	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/HANDS/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 SIGNALED 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 LOWER RISKS
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		

F	Design amended to suit Kirklees Safety Team comments.	16.09.25	JM
E	Scope of works amended following Kirklees internal Stage 2 RSA.	27.08.25	JM
D	Site entrance Radii updated, crossing point to Woodsome Drive shown.	27.06.25	JM
C	Updated to suit latest comments	20.03.25	OF
B	Refuge island moved to maintain minimum land widths.	30.01.25	JM
A	Amended to suit RSA Stage 1 recommendations.		
	Amended to suit Kirklees comments dated 10.06.24	08.08.24	JF
Rev	Description	Date	Initials

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Client
HOMES BY HONEY

Project
PENISTONE ROAD, FENAY BRIDGE

Detail
SECTION 278 - SURFACING PLAN

Dwn: JM Chd: MH Date: DEC'23 Scale: 1/250 @A1 Dwg No: E23/8060/023_03F