



Rev	Description	Date	Initials
K	Layout updated to suit latest Main Road & Sewer plan - Rev T	16.03.26	HN
J	Plot 59 raised 150mm. Plot 66 raised 300mm & Plot 67 lowered 150mm to reduce split.	11.03.26	HN
H	Plots 47 & 48 FFLs and externals amended to remove highway RW. Plots 63-71 amended to suit latest planning layout.	16.05.25	RTH
G	Plots 51-62 amended to suit latest planning layout.	03.04.25	RTH
F	Plots 32-50 amended to suit latest planning layout.	04.02.25	JM
E	Amended to suit latest planning layout	12.08.24	JF
D	Plot 80 & 83 retaining walls amended to suit client instruction.	20.02.24	JM
C	Culvert size & details amended to 600 Dia. Headwall designs added	13.01.24	JF
B	Culvert size & details amended to 450 Dia. Headwall designs added, Additional RW added adjacent HW4.	25.01.23	JF
A	Amended to suit latest site layout for phase 1A & 2, 1914-CP-01. Revised externals for plots 50-53 & along open culvert.	29.11.22	RTH

Haigh Huddleston & Associates
Civil Structural Engineering Consultants

Unit 4, Midgley Business Park, Bar Lane, Midgley, WF4 4JJ
t 01924 574074 e info@haighhuddleston.co.uk

Client
YORKSHIRE COUNTRY PROPERTIES

Project
ABBAY ROAD, SHERLEY

Detail
EXTERNAL WORKS PLAN - PHASE 2 - 1 of 2

Drawn: RTH, Checked: JM, Date: Nov 2021, Scale: 1/250 @A1, Dwg No: E17/7465/521_02K

RISK ASSESSMENT: SIGNIFICANT RISKS THAT CANNOT BE DESIGNED OUT	LEVEL OF RISK (MM)	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	MED	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 DRAINS / RISKS FROM VEHICLE AND PLANT	HIGH	ALL WORKERS TO BE SIGNED AND FENCED FROM NORMAL VEHICULAR TRAFFIC. ALL WORKERS TO WEAR HIGH VISIBILITY CLOTHING. ALL PLANT TO BE SIGNED AND FENCED FROM NORMAL VEHICULAR TRAFFIC. 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
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

- RET WALL
- 2.0m GABION WALL
- Indicative finished ground levels at the top and bottom of a retaining structure or alternatively at strategic points around footways, plots and gardens.
- Indication of steps/ramps and access gradients commensurate with Part M of the Building Regulations where access is steeper than 1:20. Steps above 600mm to be constructed with hand rails in accordance with Building Regulations.
- Maximum depth of facing brickwork in metres below the DPC. Inclusive of the normal 2 courses below DPC
- Split level FFL to indicated dimensions (450mm MIN)
- Maximum height of tanking required to indicated dimensions. TO BE AVOIDED WHERE POSSIBLE

PRELIMINARY