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CONSTRUCTION.

MAINTENANCE/CLEANING/OPERATION.

DECOMMISSIONING/DEMOLITION.

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2. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
3. THE TOPOGRAPHICAL DATA IS BASED ON INFORMATION PROVIDED BY:
   - SILKSTONE SURVEY - DRAWING REFERENCE : 21056
   - SURVEY OPERATIONS - DRAWING REFERENCE : 19G064
   - ORDNANCE SURVEY DATA HAS BEEN USED FOR ADDITIONAL WIDER BACKGROUND CONTEXT.
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REFER TO SHEET 2

PROPOSED CONNECTION TO EXISTING MANHOLE IN CULVERTED WATERCOURSE. PIPE TO BE LOCATED UNDER EXISTING RAVESNTHORPE ROAD CUL-DE-SAC. DISCHARGE RATE = 0.5l/s. SURVEY REQUIRED TO DETERMINE EXISTING LEVEL ASSUMED IL = 42.7 m AOD

PROPOSED CONNECTION TO NEW MANHOLE TO BE CONSTRUCTED ON LINE OF THE EXISTING CULVERTED WATERCOURSE. DISCHARGE RATE = 4.5l/s. ESTIMATED IL = 47.7 m AOD

2 NEW GULLIES NEEDED IN TEMPORARY ACCESS

OUTFALL PIPE IL = 48.5

INCOMING PIPE IL = 50.0

SWALE IL. 53.00

PIPE IL = 50.7

PIPE IL = 50.8

SWALE IL. 50.00

SWALE IL. 53.00

SWALE IL. 50.00

PIPE IL = 47.3

PIPE IL = 46.7

PIPE IL = 45.5

PIPE IL = 45.1

PIPE IL = 44.1

PIPE IL = 43.47

PIPE IL = 43.4

PIPE IL = 46.7

PIPE IL = 47.3

PROPOSED ROAD 1

SWALE IL. 46.600

PIPE IL = 44.3

INCOMING PIPE IL = 44.2

SHAPE AND EXTENTS OF ATTENUATION BASINS INDICATIVELY SHOWN

PIPE IL = 43.5

PIPE IL = 44.0

SHAPE AND EXTENTS OF ATTENUATION BASINS INDICATIVELY SHOWN

INCOMING PIPE IL = 43.3

OUTFALL PIPE IL = 43.0

NEW GULLIES FOR DRAINAGE OF ROUNDABOUT UPGRADE

EXISTING HOUSING

RAVENSTHORPE ROAD

RAVENSTHORPE ROAD

Ravenshall School

Works

10 5 0 10 20 30 40

1 : 500

SCALE BEFORE REDUCTION

KEY

- PROPOSED SWALES
- PROPOSED ATTENUATION BASINS
- PROPOSED CHECK DAMS ON ATTENUATION BASINS
- PROPOSED PIPES
- PROPOSED MANHOLES
- PROPOSED COUNTOURS
- EXISTING GAS MAIN
- SITE BOUNDARY
- PROPOSED GULLY

Rev	Description	Date	Iss'd	Rev'd	App'd
P03	PLANNING ISSUE	24.09.21	KH	AH	AH
P02	PLANNING ISSUE	17.09.21	KH	AH	AH
P01	PLANNING ISSUE	10.09.21	FD	AH	AH

PLANNING

Project Stage

FOR INFORMATION

Status of Drawing

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Architect: *BARTON WILLMORE*

Project: **DEWSBURY RIVERSIDE**

Drg Title: HIGHWAYS PHASE 1
HIGHWAYS DRAINAGE
SHEET 1

Job No. 0048206

Scale@A1 1- 500

Drawn/Designed By. KH

Checked By. AH

Approved By. AH

Drawing No. DR-BH-XX-XX-DR-C-00-2170

Revision P03

Kieran Horner (G:\Users\khorner\Documents\Projects\0048206 Dewsbury Riverside\05 Cities - Infra\01 - Sheets\03_Highways\02_Detailed Design\DR-BH-XX-XX-DR-C-00-2170 TD12 (Phase 1 Drainage).dwg