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EXISTING SANITARY TO BE ABANDONED AND DIVERTED UNDER SIA AGREEMENT

SEWER DIVERSION SUBJECT TO SIA OF THE WATER INDUSTRY ACT 1989

Denby Lane

Thornfield
Stone Lodge

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DESIGN NOTES:

- IN ACCORDANCE WITH THE CONSTRUCTION DESIGN & MANAGEMENT REGULATIONS 2015, IT IS THE POLICY OF THIS PRACTICE TO DESIGN OUT AS MANY IDENTIFIABLE RISKS AS POSSIBLE FOR THE CONSTRUCTION OPERATOR AND MAINTENANCE OF THE PROJECT.
- ALL DRAWINGS MUST BE CHECKED BY THE PRE-CONSTRUCTION WORKSHOP PRIOR TO CONSTRUCTION WITH THE INFORMATION WHICH IS DEFINED IN THE CONSTRUCTION DESIGN & MANAGEMENT REGULATIONS 2015.
- A COMPETENT CONTRACTOR SHOULD BE AWARE OF NORMAL RISKS INVOLVED WITH THE CONSTRUCTION PROCESS. HOWEVER ADDITIONAL PRECAUTIONS WILL NEED TO BE CONSIDERED FOR THE FOLLOWING ITEMS:
 - NONE IDENTIFIED.
 - SAFE METHODS AND SYSTEMS OF WORK REMAIN THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE IDENTIFIED IN THE CONSTRUCTION PHASE PLAN. THE CONSTRUCTION PHASE PLAN MUST BE IN PLACE PRIOR TO THE START OF ANY WORK ON SITE WORKS.
 - RESIDUAL RISKS THAT HAVE BEEN IDENTIFIED AND CANNOT BE DESIGNED OUT ARE AS FOLLOWS:
 - NONE IDENTIFIED.
 - IF ANY PARTY USING THE DRAWING CONSIDERS THAT THERE ARE ABNORMAL RISKS THAT HAVE NOT BEEN IDENTIFIED ABOVE, THEN THE ENGINEER SHOULD BE NOTIFIED.

ADDITIONAL HEALTH & SAFETY NOTES:

- CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WHICH SPECIAL INSTRUCTION.
- CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE.
- THE TRENCH EXCAVATIONS ARE OPEN TO THE PUBLIC AND SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES SHOULD BE SURROUNDED BY A BARRIER.
- CONNECTIONS TO EXISTING SERVICES TO BE MADE BY APPROVED CONTRACTOR ONLY.
- CONTRACTOR TO MAKE OPERATORS AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS LEPTOSPIROSIS (HILLS DISEASE) AND RECOMMENDED PRECAUTIONS. ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
- UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH BARRIERS.

PIPE CABLES:

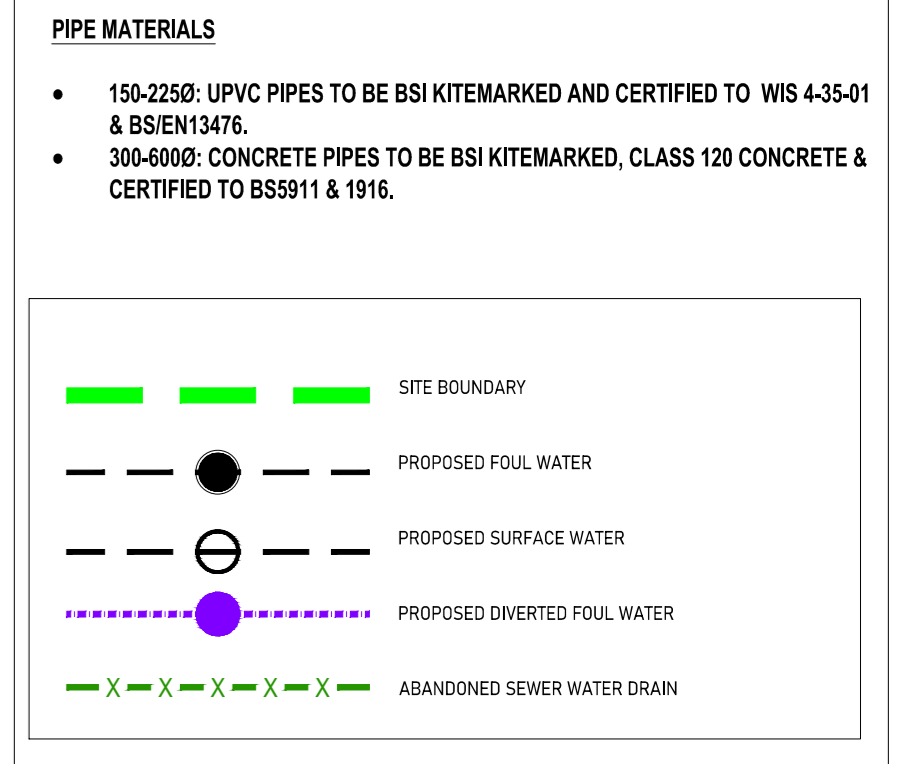
- CONTRACTOR TO OBTAIN ALL SERVICE RECORDS PRIOR TO WORKING COMMENCING.
- SERVICE RECORDS TO BE REFERRED TO PRIOR TO WORK COMMENCING. CONTRACTOR TO PROCEED WITH CAUTION AND SERVICES TO BE LOCATED BY SIA AND PROTECTED ACCORDINGLY.

DESIGN NOTES:

- CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM TRENCHES WITHIN CURRENT VERSION OF THE FOLLOWING:
 - CONTRACTOR TO BE PROCEEDED WITH PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM TRENCHES WITHIN CURRENT VERSION OF THE FOLLOWING:
 - PROTECTIVE CLOTHING AS REQUIRED.
 - LOCAL AUTHORITY DESIGN GUIDE AND SPECIFICATION.
- PRIOR TO COMMENCING WORKS THE CONTRACTOR SHOULD INVESTIGATE AND LOCATE AS NECESSARY ANY STATUTORY UNDERTAKERS EQUIPMENT WITHIN THE NEW ACCESS AND DISCUSS REQUIREMENTS FOR LOWERING/CONVERSION AND PROTECTION WITH THE RELEVANT UNDERTAKER.
- ALL WORKS WITHIN THE PUBLIC HIGHWAY TO MEET LOCAL AUTHORITY REQUIREMENTS. CONTRACTOR TO APPLY FOR ROAD OPENING NOTICES ETC AS REQUIRED.
- CBR VALUE NOT AVAILABLE. ROAD CONSTRUCTION DETAIL SUBJECT TO CONFIRMATION OF CBR VALUES. CONTRACTOR TO ALLOW FOR LAB TESTS TO BE UNDERTAKEN IN AGREEMENT WITH LOCAL AUTHORITY HIGHWAY ENGINEER PRIOR TO WORKS COMMENCING.
- PROPOSED LEVELS HAVE BEEN BASED ON THE EXISTING TOPOGRAPHICAL SURVEY PROVIDED BY THE DEVELOPER.
- PROPOSED DRAWING BASED ON THE LATEST ARCHITECTURAL LAYOUT PROVIDED BY THE DEVELOPER.
- SLOPES GREATER THAN 1 IN 6 MAY REQUIRE STABILISATION. GEOTECHNICAL ENGINEER TO BE CONTACTED TO CONFIRM REQUIREMENTS.

PIPE MATERIALS

- 150-2250: UPVC PIPES TO BE BSI KITEMARKED AND CERTIFIED TO BS 43501 & BS EN 12201.
- 300-600: CONCRETE PIPES TO BE BSI KITEMARKED, CLASS 120 CONCRETE & CERTIFIED TO BS 5911 & 1916.



SUBJECT TO LOCAL AUTHORITY & WATER AUTHORITY APPROVAL

Date	Revisions	Drawn	Checked	Rev
16.03.2025	MINOR CHANGE TO LAYOUT. NO CHANGES TO CDS	NA	AE	3
14.08.2025	DIVERSION CONNECTION LOCATED AMENDED	NA	AE	2
21.01.2025	FIRST ISSUE	SR	AE	1

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WORKSHIRE CONSULTING ENGINEERS
 Client
YORKSHIRE COUNTY PROPERTIES
 Project
DENBY LANE GRANGE MOOR
 Title
S185 LAYOUT

Job No	Scale @ A3	Drawn	Checked	Date
Y22054	1:200	SR	AE	21.07.2025