ALL LEVELS SHOWN ARE FOR INDICATIVE PURPOSES ONLY EXACT LEVELS TO BE CONFIRMED

FOOTPATH

GOODS IN

MOOR LANE

ALTERED CROSSING

IN EXISTING CROSSING

TRADITIONAL CANOPY OVER

LINEAR CHANNEL PROVIDED ACROSS ACCESS AND EGRESS POINTS TO AVOID ANY WATER ENTERING THE ADOPTED HIGHWAY

1.001 150mmØ PIPE 182m LONG @ 1 in 64.14

1.000 150mmØ PIPE 12.201m LONG @ 1 in 64.14

1.002 150mmØ PIPE 25.443m LONG @ 1 in 120 (EXACT GRADIENT TO BE CONFIRMED ONCE INVERT LEVEL OF OUTFALL IS ASCERTAINED)

2.000 150mmØ PIPE 10.45m LONG @ 1 in 81.3

PPIC1 CL 25.875 IL 24.875

PPIC2 CL 25.875 IL 24.685

PPIC3 CL 25.875 IL 24.814

HYDROBRAKE CHAMBER CL 25.954 IL 24.604

CUSTOMER PARKING

ENTRANCE

CONTROL

CYCLE HOOPS

SIGN

PLANT

DEMOLISHED BUILDINGS

SHOP FFL - 26.025

FOUL DRAINAGE FROM NEW SHOP TO REUSE EXISTING FOUL CONNECTION FROM PREVIOUS SITE USE

EXISTING DRAINAGE PROVISION THROUGH THE PFS IS TO BE BE MAINTAINED WITH THE EXISTING NETWORK TO BE JETTED AND SURVEYED TO CONFIRM ACCEPTABLE CONDITION FOR REUSE

Air, Water and Vac

EXISTING BRICK WALL TO BE RETAINED

T3

T4

24.550

25.050

25.350

25.800

29.800

25.500

FL 25.350

DRAINAGE NOTES

1. ALL NON ADOPTABLE DRAINS UP TO 150 Dia. TO BE 'POLYPIPE uPVC UNDERGROUND DRAIN' MANUFACTURED IN ACCORDANCE WITH BS EN 1401-1OR EQUAL APPROVED.
2. ALL NON ADOPTABLE DRAINS WITH A PIPE Dia of 225 or 300 TO BE EITHER A PLAIN WALLED PLASTIC PIPE TO BS 1401-1 (POLYSEWER) OR A STRUCTURED WALL PLASTIC PIPE TO WIS-04-35-01 'POLYSEWER'. OR EQUAL APPROVED
3. ALL ADOPTABLE DRAINS UP TO 300 Dia. TO BE 'POLYSEWER' BY 'POLYPIPE' AND MANUFACTURED IN ACCORDANCE WITH THE WATER INDUSTRY SPECIFICATION WIS-4-35-01.
4. DRAINAGE PIPEWORK 400mm to 600mm DIA TO BE 'RIDGIDRAIN' HDPE BY POLYPIPE OR EQUAL APPROVED.
5. ALL PIPE LENGTHS NOT TO EXCEED 3m.
6. DRAINS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
7. NEW INSPECTION CHAMBERS (IC) TO BE A MINIMUM OF 450MM DIA. EXCEPT FOR MINI ACCESS CHAMBERS WHICH MAY BE SMALLER, REFER TO M.H. SCHEDULE FOR ACTUAL SIZES.
8. ALL EXTERNAL RAINWATER PIPES (RWP) TO BE TERMINATED AT RODDABLE GULLIES. INTERNAL RWP's TO ARCHITECTS DETAILS BUT SHOULD ALLOW FOR RODDABLE ACCESS.
9. FOR ALL DRAINAGE ABOVE GROUND FLOOR SLAB INCLUDING SETTING OUT FOR PENETRATIONS THROUGH THE GROUND FLOOR SLAB REFER TO ARCHITECTS DRAWING & SPECIFICATIONS
10. ANY DRAINS PASSING THROUGH SUBSTRUCTURE WALLS TO HAVE A MINIMUM 50mm CLEAR SPACE, RC LINTEL SUPPORT ABOVE & CEMENT FIBRE COLLARS EITHER SIDE TO PREVENT VERMIN ENTRY
11. ANY DRAINS CAST IN & PASSING THROUGH CONCRETE GROUND BEAMS TO HAVE A FLEXIBLE JOINT NOT MORE THAN 150mm FROM THE FACE OF THE GROUND BEAM, (FLEXIBLE JOINT TO MANUFACTURERS DETAILS) AND A MAXIMUM 600mm LONG ROCKER PIPER EITHER SIDE
12. ANY ALTERATIONS TO DRAINAGE PROPOSED BY CONTRACTOR TO BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK ON SITE. ANY REVISIONS ARE ALSO SUBJECT TO THE APPROVAL OF THE LOCAL BUILDING INSPECTOR.
13. ALL DRAINS RUNNING UNDER BUILDINGS TO HAVE A MINIMUM FALL OF 1:40 TOWARDS THE BUILDING EXTERIOR. PIPE TO BE ENCASED IN 100MM GRANULAR FILL.
14. COVER LEVELS SHOWN ARE APPROXIMATE ONLY AND SHOULD BE ALTERED TO SUIT FINISHED SURFACE LEVELS.
15. THE BEDDING SPECIFICATION FOR ALL ADOPTABLE DRAINS WHERE COVER IS GREATER THAN 1200mm SHALL BE TYPE 'S'....WHERE COVER IS LESS THAN 1200mm TYPE 'Z' SHALL BE USED
16. THE DEVELOPER/CONTRACTOR MUST SELF VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED SEWERS ARE IN ACCORDANCE WITH THOSE SET OUT IN 'SEWERS FOR ADOPTION 7TH EDITION'
17. PROPOSED COVER AND INVERT LEVELS TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO ANY WORKS COMMENCING ONSITE

KEY

- PROPOSED SURFACE WATER SEWER
- PROPOSED PERFORATED PIPE WRAPPED IN PERMEABLE MEMBRANE
- PROPOSED LINEAR DRAIN
- PROPOSED PERMEABLE SURFACING
- NEW SURFACE WATER INSPECTION CHAMBER 600mm DIAMETER
- H NEW SURFACE WATER HYDROBRAKE MANHOLE 1200mm DIAMETER

Rev	Date	Revision Details	By	Chk	App
P3	JAN 26	LINEAR DRAINS ADDED	GRE		
P2	AUG 25	SITE LAYOUT UPDATED	GRE		
P1	NOV 23	FIRST ISSUE	GRE		

Cora iHt

Client: SRJ ENERGY

Project: MOOR LANE

Title: INDICATIVE DRAINAGE ARRANGEMENT SHEET 1 of 2

Drawing No.: 16-2193-100

Revision: P3

Scale: 1:100 @ A1

Date: NOVEMBER 2023

Drawn: GRE

Chk:

App: