



NOTES

- ALL MAIN DRAINAGE TO BE IN ACCORDANCE WITH THE CURRENT EDITION OF 'SEWERS FOR SCOTLAND' PUBLICATION IN CONJUNCTION WITH SCOTTISH WATER, OFFICE SPECIFICATION AND REQUIREMENTS.
- ALL PIPEWORK WITH DIAMETERS LESS THAN 300MM TO BE UPVC PIPES AND FITTINGS TO BS EN 1401 MAY BE USED SUBJECT TO SCOW APPROVAL. 'MARLEY QUANTUM' SEWER PIPE (RED STRIPE) FOR BOTH S.W. AND FOUL SEWERS OR SIMILAR APPROVED. ALTERNATIVELY USE V.G. EXTRA STRENGTH PIPES TO BS EN295 TYPE 'HEPSLEEVE' U.N.O. BY 'HEPWORTH BUILDING PRODUCTS' OR SIMILAR APPROVED.
- PIPE DIAMETERS GREATER THAN 300MM TO BE CLASS 'H' CONCRETE PIPES (RC) WITH FLEXIBLE JOINTS TO BS 5911: PART 100 U.N.O. PLASTIC PIPES BETWEEN 300-450MM DIAMETER MAY BE ACCEPTABLE AT THE DISCRETION OF THE ENGINEER.
- ALL GULLY DRAINAGE TAILS TO BE 150MM UPVC PIPES AND FITTINGS TO BS EN 1401.
- ALL BUILDING DRAINAGE TAILS TO BE 150MM UPVC PIPES AND FITTINGS OR SIMILAR APPROVED MINIMUM GRADIENT OF 1 IN 60 U.N.O.
- ALL MAIN DRAINAGE PIPES TO HAVE A FULL GRANULAR BED AND SURROUND IN LINE WITH SCOTTISH WATER GUIDELINES AND STANDARD DETAILS U.N.O.
NOTE: THE CONTRACTOR WILL ENSURE THAT PRIOR TO LAYING DRAINAGE PIPES THE ROAD CONSTRUCTION WILL BE MADE UP TO PROVIDE A MINIMUM COVER TO ALL MAIN DRAINAGE PIPES OF 700MM.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR SETTING OUT AND CONSTRUCTING DRAINAGE PIPELINES AND MANHOLES IN SUCH POSITIONS THAT THEY DO NOT COINCIDE WITH PROPOSED FENCE LINES, KERBING ETC. AND ARE MAINLY LAID WITHIN THE CONFINES OF THE CARRIAGEWAY AND FOOTPATHS AS REQUIRED.
- ALL MANHOLES WITHIN OR ADJACENT TO CARRIAGEWAY TO BE 1200MM DIA. P.C. RINGS U.N.O. CONSTRUCTED IN ACCORDANCE WITH SCOTTISH WATER 'SEWERS FOR SCOTLAND' STANDARD DETAILS.
- ATTENUATION TANK TO BE 'STORMBLOC' BY HYDRO INTERNATIONAL LTD OR SIMILAR APPROVED.
- FLOW CONTROL TO BE 'HYDROBRAKE OPTIMUM' BY HYDRO INTERNATIONAL LTD OR SIMILAR APPROVED.
- SURFACE WATER DRAINAGE FOR ALL AREAS OF NEW DEVELOPMENT TO BE LIMITED TO EQUIVALENT TO THE GREENFIELD RELEASE.

MANHOLE & SILT TRAP COVERS
 ADOPTABLE SEWERS: DUCTILE IRON HEAVY DUTY DOUBLE TRIANGULATED CLASS D400 - CHIEFTAN (ALL AREAS) BY STANTON OR SIMILAR AS DETAILED

PRIVATE DRAINAGE SYSTEMS
 PRIVATE CARRIAGEWAY/ PARKING: DUCTILE IRON HEAVY DUTY DOUBLE TRIANGULAR CLASS D400 - CHIEFTAN BY STANTON OR SIMILAR.

PEDESTRIAN AND LANDSCAPED AREAS: DUCTILE IRON GRADE 'B' MEDIUM DUTY CLASS C250 - TROJAN SINGLE SEAL BY STANTON OR SIMILAR.

ALL MANHOLE COVERS TO HAVE BS 'KITEMARK'
 ALL NEW RAINWATER PIPES TO BE TRAPPED AT GROUND LEVEL AND FITTED WITH RODDING ACCESS AT OR ABOVE GROUND LEVEL.

FOR DETAILS OF PROPOSED LANDSCAPING, STREET LIGHTING, SERVICES, DUCTS, FENCING, PATHS ETC. REFER TO ARCHITECT & SERVICE ENGINEERS DRAWINGS.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO EXPOSE EXISTING SERVICES SUFFICIENTLY FAR AHEAD OF LAYING PIPEWORK IN ORDER THAT ANY REQUIREMENT TO ADJUST LINE AND LEVEL OF THE PROPOSED WORKS CAN BE ACCOMMODATED. THE ENGINEER SHOULD BE INFORMED OF ANY DISCREPANCIES.

CONNECTIONS TO EXISTING MANHOLES: BREAK OUT BENCHING, PROVIDE AND LAY CHANNEL INVERTS AND MAKE GOOD ALL DISTURBED WORK. WORKS TO BE CARRIED OUT IN ACCORDANCE WITH SCOTTISH WATER SPECIFICATION.

LEGEND

- SITE APPLICATION BOUNDARY
- EXISTING SURFACE WATER SEWER
- EXISTING FOUL SEWER
- PROPOSED SURFACE WATER SEWER
- PROPOSED FOUL SEWER
- PROPOSED POROUS PAVING WITH PERFORATED PIPE
- PROPOSED POROUS PAVING WITH DIFFUSER BOX
- PROPOSED ATTENUATION TANK
- PROPOSED RAINWATER PIPE
- PROPOSED SYPHONIC DRAINAGE POINT
- PROPOSED FOUL POP UP

ACCESS ROAD DRAINAGE TO BE TAKEN THROUGH AN ATTENUATION / FILTER SYSTEM BEFORE OUTFALL TO EXISTING SURFACE WATER DITCH TO NORTH OF SITE.

B&B Project No: GC22681		
Revisions	Date	Drn.
P01 ISSUED FOR PLANNING	26/04/2022	CON
P02 PLANNING BOUNDARY UPDATED & THE "DO NOT SCALE" NOTE REVISED	24/05/2022	CON
P03 ARCHITECTS LAYOUT UPDATED & ISSUED FOR TENDER	17/11/2022	CON
P04 FOUL DRAINAGE REVISED	21/11/2023	RAF
P05 NOTE AMENDED	01/12/2023	RAF
P06 RED LINE BOUNDARY ADDED	14/12/2023	RAF

TENDER

Lidl Great Britain Ltd.

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Drainage Layout

Drawn: CON	Ck'd: IF	Scale @ A1: 1:250
Date: AUG'2021	Date: APR'2022	Do not scale for construction purposes

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Drawing No.	Revision
LDL-BLY-XX-XX-DR-C-96001	P06