



NOTES

- ANY highway or drainage works constructed prior to issue of Technical Approval is entirely at the risk of the Contractor/Client.
- At the commencement of works on site the contractor is to carry out trial pits and liaise with Utility Companies in order to establish the exact position of all existing statutory utility plant in the vicinity of works and take adequate precautions for their protection.
- All manhole covers/valves/inspection covers in existing carriageway/verges to be adjusted where necessary to suit design levels.
- Where the works involve the obstruction of a footway, the Contractor shall provide an alternative safe footway properly signed, guarded and lit.
- The Contractor is to comply fully with the CDM Regulations in the course of constructing the works.
- The Contractor shall ascertain the CBR of the subgrade in order to determine the required sub-base/capping thickness.
- Prior to laying any material the subgrade must be inspected and any soft spots removed and filled with 6F2 capping material.
- Prior to construction of any drainage works, the Contractor is to confirm the invert levels of existing manholes and sewers. Any variations from the designed levels shown on the drawings shall be reported to the Engineer in advance of construction works commencing.
- All drainage pipes shall have 360° Class S granular bed and surround. However, any pipes below the carriageway with less than 1.2m of cover (900mm in verge and untraverted areas), shall be Class Z surrounded with 150mm of S14 concrete with flexible joints.
- All drain and sewer pipes to be laid soffit to soffit, unless shown otherwise.
- Trench backfill to be in accordance with the Private Construction Details (Drg No. 5550/07).
- Contractor to refer to Health & Safety Executive 'Note 47-Avoiding Danger from Underground Services' and 'Document G56 - Avoiding Danger from Overhead Electric Lines'.
- Highways in the vicinity of the works must be kept free from mud, debris and dust falling from vehicles or the wheels of vehicles connected with the works.
- Where the deposits of debris and mud are unavoidable, warning signs must be exhibited whilst work is in progress and affected carriageways/footways must be regularly cleaned.
- Do not scale from this drawing. Work only from stated dimensions or setting out details.
- Works on or adjacent to existing public highway shall be executed in accordance with the Traffic Safety Code for Roadworks and Chapter 8 of the Traffic Signs Manual.
- All levels are in metres above Ordnance Datum.
- All foul and storm water drains which are not subject to adoption as public sewers under a Section 104 Agreement must be constructed in accordance with the latest Building Regulations, BS8301, and, where appropriate, the relevant agreement certificates.
- All private lateral connections to public sewers shall be 150mmØ unless shown otherwise.
- Private drainage pipework to be 100mmØ unless shown otherwise on Engineering Layout Plan.
- 100mmØ private foul water & storm water drainage shall be laid no flatter than 1 in 80 & 1 in 100 respectively. 150mmØ pipework shall be laid no flatter than 1 in 150.
- Depths given for exposed brickwork, retaining walls & tanking represent maximum depths to proposed ground level.

KEY:	
	SITE BOUNDARY
	EXISTING SWS EXISTING STORM WATER SEWER, MANHOLE & PIPE DETAILS
	EXISTING FWS EXISTING FOUL WATER SEWER, MANHOLE & PIPE DETAILS
	EXISTING Com EXISTING COMBINED SEWER, MANHOLE & PIPE DETAILS
	SL-22.50 PRIVATE SW DRAIN, INSPECTION CHAMBER & INVERT LEVEL
	RE PRIVATE SW RODDING EYE
	CP PRIVATE SW CATCHPIT
	PV PERMAVOID DISTRIBUTION TANK
	FL-22.50 PRIVATE FW DRAIN INSPECTION CHAMBER & INVERT LEVEL
	FFL FINISHED FLOOR LEVELS
	+23.75 PROPOSED SPOT LEVELS
	<1/30 PROPOSED FALL INDICATORS
	G HIGHWAY GULLY & CONNECTION
	G FOUL WATER GULLY & CONNECTION
	PERMEABLE BLOCK PAVING
	FHR FULL HEIGHT RESTRAINT
	CELLULAR SOAKAWAY
	OVERLAND FLOW ROUTE

Refer to CEC External Works drawing (5550/08)
for surface finishes and kerbing layout.

E	RT	20.04.18	Design adjusted to suit latest layout
D	RT	01.02.18	Full height restraints added
C	RT	31.01.18	Surface finishes revised
B	RT	23.01.18	Design revised to suit latest layout.
A	RT	12.01.17	Drainage revised to suit latest plans. Footway amended to avoid RPZ

No.	By	Date	Revision Details
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Client
Perbury Group

Job Title
**Godbey House,
380 Sea Front,
Hayling Island**

Drawing Title Engineering Layout	
Drawing Status: FOR COMMENT FOR PLANNING FOR TENDER FOR APPROVAL FOR CONSTRUCTION AS BUILT	
CONSTRUCTION AT CLIENT / CONTRACTOR RISK	
Designed by: RT	Drawn by: RT
Date: January 2018	Scale: 1:200 @ A1
Orig. No.: 5550/02	Rev.: E