A0

HIGHWAYS
1. ALL EXCAVATIONS BELOW ADOPTED HIGHWAYS TO BE BACKFILLED WITH TYPE 1 AND COMPACTED IN LAYERS NOT EXCEEDING 150mm.
2. HIGHWAY AUTHORITY TO BE CONTACTED AS SOON AS CONTRACTOR IS ON SITE TO ENABLE EARLY DISCUSSIONS WITH THE CLERK OF WORKS.

GENERAL DRAINAGE
3. MANHOLE/INSPESPECTIONCHAMBER COVERS IN TRAFFICKED AREAS TO BE LOADING TYPE D400 AND B125 IN NON-TRAFFICKED AREAS.
4. ALL GULLIES TO BE TRAPPED AS SHOWN ON THE DETAILS DRAWINGS.

ADOPTED DRAINAGE
5. POSITION AND LEVELS OF EXISTING MANHOLES AND SEWERS ARE TO BE CHECKED ON SITE AS SOON AS POSSIBLE AND PREFERABLY BEFORE SITE ACTIVITIES COMMENCE.
6. THE SEWER CONNECTION IS TO BE CARRIED OUT BY AN APPROVED CONTRACTOR.
7. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DRAINAGE DETAILS DRAWINGS.
8. FOR PROPOSED ADOPTED DRAINAGE PIPES WITH LESS THAN 900mm COVER IN AREAS NOT SUBJECTED TO VEHICULAR LOADING AND LESS THAN 1200mm IN VEHICULAR LOADING AREAS TO BE CONCRETE PROTECTED.
9. ADOPTED DRAINAGE IS TO COMPLY WITH 'DESIGN AND CONSTRUCTION GUIDANCE'.
10.PIPE SURROUND TO BE GRANULAR TYPE 'S' UNLESS NOTED OTHERWISE.

PRIVATE DRAINAGE
11.PRIVATE DRAINAGE IS TO COMPLY WITH ALL STATUTORY REQUIREMENTS AND ACCORD WITH BS EN 752 AND BUILDING REGULATIONS APPROVED DOCUMENT H.
12.PIPE BEDDING SHOULD GRANULAR UNLESS NOTED OTHERWISE AND THE GRANULAR MATERIAL TO BE TO BS882:PT 2 AND TO BUILDING REGULATIONS PART H.
13.PIPE SIZES TO BE 100MM U.N.O..
14.FOR DRAINAGE PIPES TO BE CAST IN CONCRETE TO HAVE ROCKER PIPES EITHER SIDE OF CONCRETE.

EXISTING DRAINAGE KEY

- EXISTING SURFACE WATER SEWER
- EXISTING FOUL SEWER
- EXISTING FOUL RISING MAIN
- EXISTING COMBINED SEWER

EXISTING PRIVATE DRAINAGE
PRIOR TO ABANDONMENT EXISTING DRAINAGE TO BE SURVEYED TO CONFIRM CONNECTIVITY AND REDUNDANCY. REDUNDANT CONNECTIONS TO PUBLIC SEWER TO BE CAPPED OFF AT SITE BOUNDARY.

PRIVATE DRAINAGE NOTES
PRIVATE DRAINAGE TO BE 110mmØ (UNLESS OTHERWISE NOTED) PVC-U PIPES WITH GRP OR PVC-U INSPECTION CHAMBERS. SYSTEM DESIGN & CONSTRUCTION TO CONFORM WITH MANUFACTURER'S INSTRUCTIONS

SURFACE WATER DRAINAGE KEY

- RODDING EYE WITH INVERT LEVEL.
- 460mmØ INSPECTION CHAMBER (POLYPIPE SFA RANGE OR SIMILAR APPROVED) 110/160mmØ CHANNEL & MAX 4 SIDE INLETS. NON MAN ENTRY (>1.2m). MAX 3m DEPTH
- PRIVATE PVC-U 100mmØ (UNLESS OTHERWISE NOTED) DRAINAGE PIPE
- DRAINAGE CHANNEL WITH SUMP/GULLY. FOR LIGHT VEHICLE LOADING WITH HEELGUARD
- GULLY. D400 COVER AND FRAME
- PERMEABLE BLOCK PAVING
- 100mmØ (UNLESS OTHERWISE NOTED) PERFORATED COLLECTION DRAIN TO PERMEABLE PAVING SUB-BASE.

FOUL WATER DRAINAGE KEY

- 460mmØ INSPECTION CHAMBER (POLYPIPE SFA RANGE OR SIMILAR APPROVED.) 110/160mmØ CHANNEL & MAX 4 SIDE INLETS. NON MAN ENTRY (>1.2m). MAX 3m DEPTH
- PRIVATE PVC-U 100mmØ (UNLESS OTHERWISE NOTED) DRAINAGE PIPE

Issue	Date	Description	By	Chkd	Appd
P4	20.05.25	Extent of permeable paving increased. Green roof extents indicated	KR	RH	PL
P3	16.05.25	Surface water pipe references added	KR	RH	PL
P2	13.05.25	Updated to suit current site and building plans	KR	RH	PL
P1	28.02.25	Preliminary Issue	KR	RH	PL

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Client
EXCEL CARE INVESTMENTS

Job Title
PROPOSED 56 BED CARE HOME
RHEOLA, BROAD LEAS
ST IVES, PE27 5PU

Drawing Title
PROPOSED DRAINAGE LAYOUT

Scale at A0
1:100

Drawing Status
PRELIMINARY

Job No.	Drawing No	Issue
25001	021	P4

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Do not scale