PRIVATE DRIVE

Access

PROPOSED ROAD GULLIES TO PRIVATE DRIVE CONNECT INTO CARE HOME SYSTEM. ROAD GULLIES WOULD NEED TO BE REROUTED TO A HIGHWAY DRAIN IF ADOPTED . NO PROVISION MADE IN AGREED S38 DRAWINGS FOR A SURFACE WATER CHAMBER IN S38 BELLMOUTH

BED 126 20 m² | BED 127 20 m² | BED 128 16 m² | BED 129 19 m² | BED 130 17 m²

LINEN 104 | STAIR 05 | LINEN 001 | STAIR 02 | ENSUITE | UP | 28280

BD IL: 30.000

ST1 IL 30.500

ST2 IL 30.650

ST3 IL 30.680

ST4 IL 30.400

ST5 IL 27.550

TANK B
PLAN AREA 54.0m x 0.8m DEEP
TOTAL STORAGE VOLUME 41.04m³
BASE LEVEL 26.60 TOP LEVEL 27.40

secure gate

turning

vegetation

LC 6

0M 5M 10M

NOTES

1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY, IF IN DOUBT ASK.

2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.

3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.

LEGEND

- FOUL MANHOLE
- FOUL TYPE 3 INSPECTION CHAMBER PRIVATE WAVIN RANGE 315 or 450 REFER TO SCHEDULE
- SVP SOIL AND VENT PIPE
- FG FLOOR GULLY WITH RODDABLE TRAP
- RODDING EYE PRIVATE
- SURFACE WATER TYPE 3 INSPECTION CHAMBER PRIVATE WAVIN RANGE 450 MAX DEPTH 2.0m
- HYDROBRAKE FLOW CONTROL CHAMBER
- LAND DRAIN
- SURFACE WATER DRAIN PRIVATE ACO LINE DRAIN WITH A15 CLASS LOAD GRATING RODDING POINTS AND SUMPS AT DISCHARGE POINTS
- SILT TRAP
- DISTRIBUTION CHAMBER TO DRAIN DRAINAGE BLANKET BELOW CAR PARK SIZE 350wd x 700lg x 150dp. WITH GEOTEXTILE SURROUND ON 10mm PIPE BEDDING
- RG ROAD GULLY
- TOBERMORE HYDROPAVE PEDESTA 200 x100x 60 PERMEABLE PAVING TO CAR PARK COLOUR TO ARCHITECT/CLIENT REQUIREMENTS
- SDS GEOLIGHT ATTENUATION SYSTEM

* REFER TO 700 SERIES AND DEACON DESIGN DRAWINGS FOR DETAILED TYPES OF PAVING REQUIRED

A CONTRACTOR WHO IS ACCREDITED TO THE BRITISH PLASTICS FEDERATION PLASTIC PIPES GROUP MUST UNDERTAKE THE INSTALLATION OF STRUCTURAL WALL PLASTIC PIPES THAT ARE OFFERED FOR ADOPTION

PIPE MATERIALS
ALL PIPEWORK TO BE 150mm ø UNLESS NOTED OTHERWISE GENERALLY 100mmø USED UNDER GROUND FLOOR
100mmø MUST HAVE CLASS SN8 LOADING
150mmø WAVIN/ OSMA ULTRARIB SYSTEM
225mmø – 300mmø MARLEY QUANTUM SEWER

APPROVED PLASTIC PIPE SYSTEMS ARE:
MARLEY TWINWALL
UPONER ULTRARIB
OSMA ULTRARIB
POLYSEWER TWINWALL
POLYPIPE RIDGISEWER
WEHOLITE SYSTEM SUBJECT TO DETAILED DESIGN

A SECTION 106 APPLICATION TO CONNECT MUST BE MADE TO THE WATER AUTHORITY. THE DEVELOPER SHALL GIVE 21 DAYS NOTICE PRIOR TO CONNECTION. THE WORKS MAY ONLY BE UNDERTAKEN BY AN SSIP HEALTH AND SAFETY APPROVED CONTRACTOR

NOTE INSPECTION CHAMBERS ADJACENT BUILDING WALLS ARE GENERALLY NOT GREATER THAN 600mm DEEP TO INVERT LEVEL. POSITIONS CAN BE ADJUSTED TO SUIT SUPPORTING LINTELS. TYPICAL CHAMBERS USED BUT EQUIVALENT SPECIFICATION ALTERNATIVES CAN BE PROVIDED:

315ø RANGE AS SCHEDULED WITH REDUCED SIDE CONNECTION STEP HEIGHT
450ø IN SOFT AREAS either 4D920 or 4D924
450ø IN PATHS/RESIN 4D975
NOTE USE OF 450ø RANGE DEEP INSPECTION CHAMBERS UP TO 2.0m DUE TO RESTRICTION IN WIDTH WHERE 1200ø WOULD BE TO WIDE

CHAMBER COVERS:
IN SOFT LANDSCAPE: UNOBTRUSIVE CIRCULAR BLACK COVERS SET 100mm LOWER THAN FINISH LEVEL TO ALLOW FOR A LIGHT COVERING OF MULCH.
NON TARMAC PEDESTRIAN AND SHARED SURFACES: RECESSED COVERS ALIGNED TO PAVING PATTERN ORIENTATION. MANHOLES WITHIN ACCESS ROAD SHALL HAVE NO SLIP COVERS TO PREVENT MOTOR CYCLES AND CYCLES LOSING CONTROL

THRESHOLD DRAINS:
CONTRACTOR TO ALLOW FOR 100mmø THRESHOLD DRAINS FROM ALL DOORS TO DISCHARGE INTO NEAREST LANDSCAPE AREA. END 300mm OF PIPE TO BE WRAPPED IN A

MANHOLE SCHEDUL

MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)
S1	450	Type E	30.900	29.860	0.890	473322.903	107889.032
S2	450	Type E	31.500	29.748	1.601	473324.304	107905.222
S3	450	Type E	31.488	29.506	1.757	473348.573	107904.259
S4	1200	Type B	31.612	29.399	1.988	473369.837	107906.893
S5	1200	Type B	31.178	29.273	1.680	473373.300	107881.926
S6	1200	Type B	30.159	27.800	2.134	473370.503	107856.265
S7	1500	Type C	28.586	26.619	1.817	473364.901	107842.719
S9	1350	Type C	27.800	26.450	1.200	473355.009	107822.925
S10	450	Type E	28.240	27.190	0.900	473328.307	107872.334
S11	450	Type E	28.250	27.071	1.029	473311.031	107867.690
S12	1350	Type E	29.080	26.860	1.995	473311.538	107847.280
S13	1350	Type C	28.449	26.675	1.549	473352.674	107847.076
S14	450	Type E	28.250	27.200	0.900	473326.563	107851.687
S15	450	Type E	28.250	26.895	1.205	473350.869	107851.607
S16	450	Type E	31.500	30.450	0.900	473353.606	107883.753
S17	450	Type E	31.333	30.166	1.017	473364.590	107883.897
S18	450	Type E	28.250	27.200	0.900	473352.771	107872.372
S19	450	Type E	28.250	27.097	1.003	473361.879	107871.751
S20	450	Type E	28.250	27.550	0.550	473360.287	107852.823
S50	1350	Type C	31.524	30.235	1.064	473376.346	107917.265
S51	1200	Type B	30.740	28.500	2.015	473373.037	107860.271
S52	1200	Type B	28.702	26.775	1.702	473367.235	107844.754
S2A	450	Type E	31.484	29.677	1.657	473334.538	107903.979
F1	315	Type E	28.250	27.500	0.600	473331.446	107870.505
F2	315	Type E	28.250	27.400	0.700	473322.816	107869.550
F3	315	Type E	28.250	27.214	0.886	473324.135	107853.184
F4	450	Type E	28.200	27.000	1.050	473336.180	107854.155
F5	450	Type E	28.200	26.500	1.550	473350.235	107854.180
F6	1200	Type B	28.506	26.220	2.136	473354.691	107849.474
F7	1200	Type B	28.062	26.050	1.862	473349.335	107830.605
F8	450	Type E	30.800	30.150	0.500	473330.288	107888.007
F9	450	Type E	30.829	30.000	0.679	473324.973	107888.946
F10	450	Type E	31.500	29.837	1.513	473326.413	107904.333
F11	450	Type E	31.500	29.596	1.754	473349.779	107903.647
F12	1200	Type B	31.500	29.433	1.917	473365.093	107905.329
F14	1200	Type B	31.236	29.000	2.086	473370.979	107885.609
F15	1200	Type B	28.987	27.400	1.437	473365.646	107848.216
F17	450	Type E	31.504	30.000	1.354	473352.574	107886.565
F18	450	Type E	28.250	27.547	0.553	473318.547	107869.000
F19	450	Type E	28.250	27.100	1.000	473350.342	107875.604
F20	450	Type E	28.250	27.300	0.800	473351.949	107871.887
F21	450	Type E	28.250	27.500	0.600	473358.527	107871.473
F22	250	Type E	31.800	30.950	0.750	473384.514	107906.476
F23	1200	Type B	30.318	28.300	1.868	473369.135	107860.333
F10A	450	Type E	31.490	29.733	1.600	473336.239	107903.219

C1	CONSTRUCTION ISSUE	RN
16.10.24		–
REVISION		DRAWN
DATE		CHECKED

Client:
ANAVO DEVELOPMENTS LIMITED

Project Title:
HAVANT:
HAVANT CARE HOME
BARTONS ROAD, HAVANT

Drawing Title:
PROPOSED DRAINAGE LAYOUT
SHEET 4 OF 4

Drawn By: RN	Scales: 1:100 @A1
Date: APRIL 2024	Drawing Number: 11063–503 / Rev: C1
Checked By:	
Date:	

Drawing Status: CONSTRUCTION

NJP Consulting Engineers Limited
20 St Andrews Crescent
Cardiff CF10 3DD

Tel: 029 2072 9500
Email: info@njpuk.com
Web: www.njpuk.com