

NOTES

- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY, IF IN DOUBT ASK.
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- 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 MAIN RANGE 315 x 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 MAIN RANGE 450 MAX DEPTH 2.0m
	HYDROBRAKE FLOW CONTROL CHAMBER
	LAND DRAIN
	SURFACE WATER DRAIN PRIVATE
	ACID LINE DRAIN WITH A15 CLASS LOAD COATING, RODDING POINTS AND SAMPS AT DISCHARGE POINTS
	SILT TRAP
	DISTRIBUTION CHAMBER TO DRAIN DRAINAGE BLANKET BELOW CAR PARK SIZE 350m x 700m x 150mm WITH GEOTEXTILE SURROUND ON 10mm PIPE BEDDING
	ROAD GULLY
	TOBERMORE HYDROPAK PEDESTAL 200 x100x 60 PERMEABLE PAVING TO CAR PARK COLOUR TO ARCHITECT/CLIENT REQUIREMENTS
	SOS GROUNDWATER 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 UNLESS NOTED OTHERWISE GENERALLY 100mm USED UNDER GROUND FLOOR
100mm MUST HAVE CLASS SBN LOADING
150mm WMAN/CSMA ULTRABOND SYSTEM
225mm - 300mm MARLEY QUANTUM SENIOR

APPROVED PLASTIC PIPE SYSTEMS ARE:
MARLEY TWINWALL
UPONOR ULTRABOND
CSMA ULTRABOND
POLYSEWER TWINWALL
POLYPIPE ROADSIDE
WEHLETYPE SYSTEMS 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 SVP 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 LIMITS. TYPICAL CHAMBERS USED BUT EQUIVALENT SPECIFICATION ALTERNATIVES CAN BE PROVIDED.

315W RANGE AS SCHEDULED WITH REDUCED SIDE CONNECTION STEP HEIGHT
450W IN SVP ASSESS: 4000 or 4002
450W IN PATHS/RESIN: 4007S

NOTE USE OF 450W RANGE DEEP INSPECTION CHAMBERS UP TO 2.0m DEEP TO RESTRICTION IN WIDTH WHERE 1200W WOULD BE TO WIDE.

CHAMBER COVERS:
IN SVP LANDSCAPE: UNOBTRUSIVE CIRCULAR BLACK COVERS SET 100mm LOWER THAN FINISH LEVEL TO ALLOW FOR A LIGHT COVERING OF MULCH.

NON TRADING PAVING AND SAVED SURFACES: RECESSED COVERS ALIGNED TO PAVING PATTERN ORIENTATION. MANHOLES WITH ACCESS ROAD SHALL HAVE NO SVP COVERS TO PREVENT MOTOR VEHICLES AND CYCLES LOSING CONTROL.

THRESHOLD DRAINING:
CONTRACTOR TO ALLOW FOR 100mm THRESHOLD DRAINS FROM ALL DOORS TO DISCHARGE INTO NEAREST LANDSCAPE AREA. END 300mm OF PIPE TO BE IMBEDDED IN A GEOTEXTILE AND SET IN A 300mm WIDE THICKNESS OF PIPE BEDDING MATERIAL. WHERE NOT PRACTICAL THEN CONNECT INTO NEAREST RMP OUTLET OR SURFACE WATER DRAIN.

INTERNAL DRAIN WATER PIPES:
AN ALLOWANCE OF 12 NUMBER INTERNAL RMP'S HAS BEEN ADDED. THE POSITIONS ARE SUBJECT TO DETAILED DESIGN BY SUPPLIER. DISCUSSIONS SHOULD BE UNDERTAKEN BETWEEN DESIGN TEAM AND SUPPLIER PRIOR TO ISSUE OF CONSTRUCTION DRAWINGS TO MINIMIZE RMP'S AND POTENTIAL FOR CLASHES. INTERNAL RMP'S SHOULD BE POSITIONED AS CLOSE TO EXTERNAL WALLS AS POSSIBLE AS SURFACE WATER NETWORKS ARE CONSTRAINED BY OUTFALL INVERT LEVEL WITH LITTLE ROOM FOR ADJUSTMENT TO INVERT LEVELS.

C1	CONSTRUCTION ISSUE	NJ
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 1 OF 4**

Drawn By: RN	Scales: 1:1000M1	Rev:
Date: APRIL 2024	Drawing Number:	
Checked By: ANR	11063-500	C1
Date: APRIL 2024		

Drawing Status:
CONSTRUCTION

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

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

