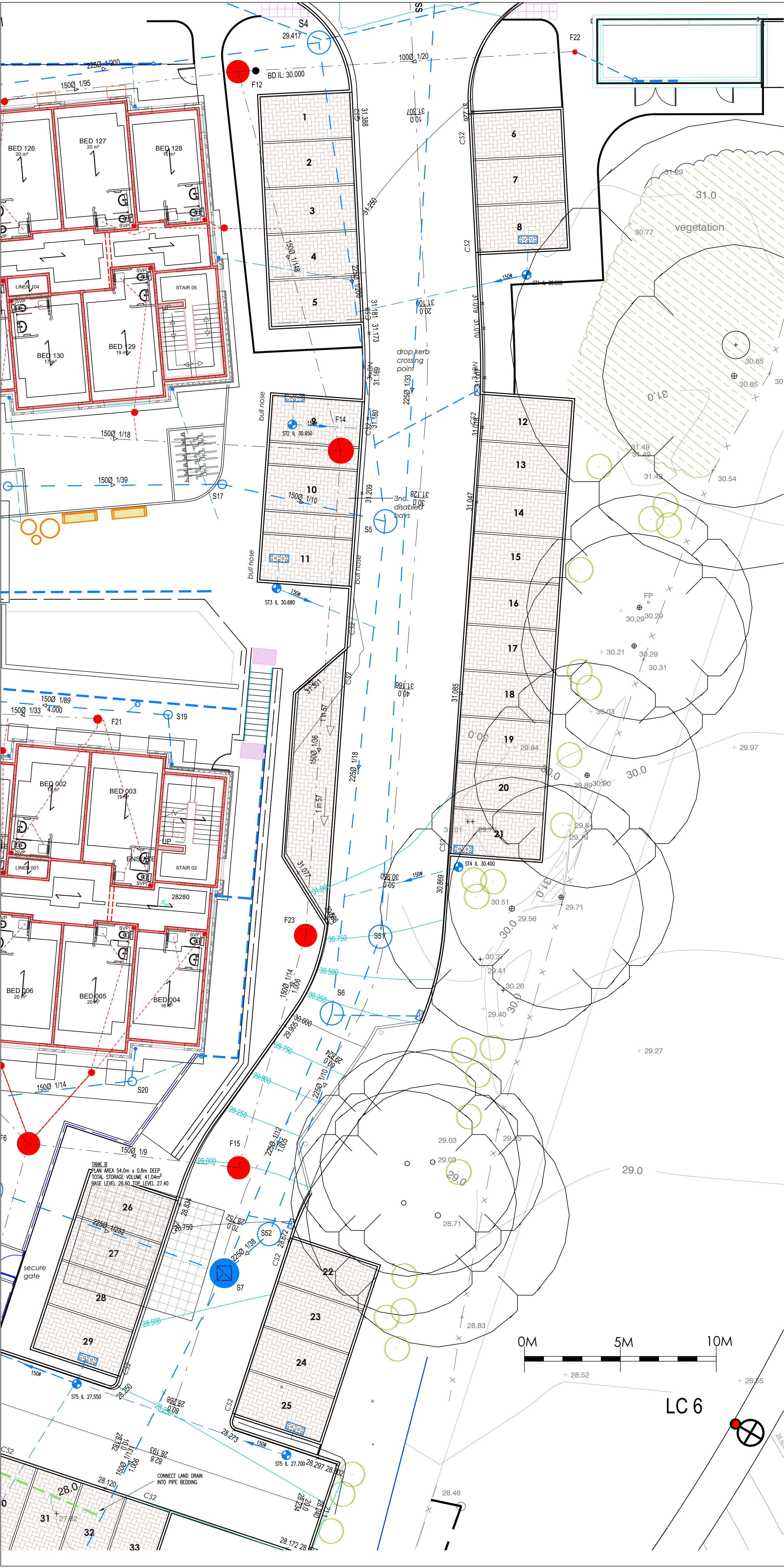




NOTES

- 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 W/IN 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 W/IN RANGE 450 MAX DEPTH 2.0m
- HYDROBRAKE FLOW CONTROL CHAMBER
- LAND DRAIN
- SURFACE WATER DRAIN PRIVATE
- ADJ 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 3500 x 700 x 1500 WITH GEOTEXTILE SURROUND ON 10mm PIPE BEDDING
- ROAD GULLY
- TOBERMORE HYDROPAVE PEDESTA 200 x 100x 60 PERMEABLE PAVING TO CAR PARK COLOUR TO ARCHITECT/CLIENT REQUIREMENTS
- SOS 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 PIPERWORK TO BE 150mm # UNLESS NOTED OTHERWISE GENERALLY 100mm# USED UNDER GROUND FLOOR
100mm# MUST HAVE CLASS S165 LOADING
150mm# W/IN/CSM ULTRARIB SYSTEM
225mm# - 300mm# MARLEY QUANTUM SEWER

APPROVED PLASTIC PIPE SYSTEMS ARE:
MARLEY TWINWALL
UPONOR ULTRARIB
OSMA ULTRARIB
POLYSEWER TWINWALL
POLYSEWER RINGS
WELTITE 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 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 LINTELS. TYPICAL CHAMBERS USED BUT EQUIVALENT SPECIFICATION ALTERNATIVES CAN BE PROVIDED:

315# RANGE AS SCHEDULED WITH REDUCED SIDE CONNECTION STEP HEIGHT
450# IN SOFT AREAS EITHER 40920 or 40924
450# IN PATHS/RESIN 40975
NOTE USE OF 450# RANGE DEEP INSPECTION CHAMBERS UP TO 2.0m DUE TO RESTRICTION IN WIDTH WHERE 1200# 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 SUP COVERS TO PREVENT MOTOR CYCLES AND CYCLES LOSING CONTROL

THRESHOLD DRAINS:
CONTRACTOR TO ALLOW FOR 100mm THRESHOLD DRAINS FROM ALL DOORS TO

MANHOLE SCHEDULE									
Mn No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER (mm)	INVERT (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)		
S1	450	Type E	30.900	29.860	0.880	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	107904.299		
S4	1200	Type B	31.612	29.389	1.688	473369.657	107906.893		
S5	1200	Type B	31.176	29.273	1.680	473373.300	107891.526		
S6	1200	Type B	30.159	27.800	2.134	473370.903	107856.265		
S7	1500	Type C	28.586	26.619	1.817	473364.901	107842.719		
S8	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	473326.963	107851.687		
S15	450	Type E	28.250	26.895	1.205	473350.869	107861.607		
S16	450	Type E	31.500	30.450	0.900	473353.608	107863.753		
S17	450	Type E	31.333	30.166	1.017	473364.590	107863.897		
S18	450	Type E	28.250	27.200	0.900	473352.771	107872.372		
S19	450	Type E	28.250	27.097	1.003	473361.919	107871.751		
S20	450	Type E	28.250	27.550	0.550	473360.287	107852.623		
S50	1350	Type C	31.524	30.235	1.064	473376.346	107917.265		
S51	1200	Type B	30.140	28.500	2.015	473373.037	107860.271		
S52	1200	Type B	28.702	26.775	1.702	473367.025	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	107840.474		
F7	1200	Type B	28.062	26.050	1.862	473349.335	107830.605		
F8	450	Type E	30.800	30.150	0.900	473330.288	107888.007		
F9	450	Type E	30.629	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	473365.063	107905.329		
F14	1200	Type B	31.236	29.000	2.086	473370.979	107865.629		
F15	1200	Type B	29.987	27.400	1.437	473365.646	107848.216		
F17	450	Type E	31.504	30.000	1.354	473352.574	107866.565		
F18	450	Type E	28.250	27.547	0.553	473316.947	107860.000		
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	31.600	30.650	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		

T1	TENDER ISSUE		RN
31.05.24	-		-
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: T1
Checked By:			
Date:			
Drawing Status: TENDER			
NJPK Consulting Engineers Limited 20 St Andrews Crescent Cardiff CF10 3DD			
Tel: 029 2072 9500 Email: info@njpk.com Web: www.njpk.com			