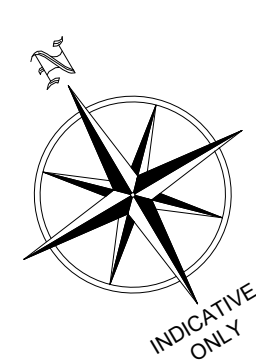


KEY

- Site Boundary
- Foul Water Drain (Private)
- Surface Water Drain (Private)
- Surface Water Drain, Perforated Pipe (Private)
- Surface Water Culvert 900mmØ, (Refer to culvert drawing)
- S.W. Rising Main
- Existing F.W. Pipe
- Existing S.W. Pipe
- FM1 P.PIC F.W. Inspection Chamber (Private)
- SM1 P.PIC S.W. Inspection Chamber 4500 / 5000 (Private)
- FM1 P.C.C F.W. Manhole (Private)
- SM1 P.C.C S.W. Manhole (Private)
- HB1 Flow Control (Hydrobrake)
- SM1 Catchpit Chamber (600mm sump)
- PCS1 S.W. Pumping Chamber
- Cellular Attenuation Tank, SDS GEOLight Cells with Distributor Pipe as Shown on SDS Details
- Rainwater Outlet Diffuser
- Rainwater Collector Diffuser (Located in sub-base, Polystorm Xtra)
- Extents of Permeable Asphalt
- SVP Soil & Vent Pipe
- SS Stub Stack
- td Threshold Channel Drain (Refer to details)
- BD Backdrop
- RG P.C.C Road Gully
- SW Yard Gully
- Pipe Diameter & Gradient



- NOTES**
- DO NOT SCALE THIS DRAWING. WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
 - This drawing to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and the specification.
 - All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations. All Private Drainage to be constructed in accordance with Building Regulations.
 - Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction.
 - Minimum depth to invert of foul branch pipe to SVP/SS below finished floor level to be: 450mm 0 - 3 storeys
750mm >3 storeys
 - Gradient of under floor branch pipes to be 1:40 and no flatter than 1:80
 - An allowance of 50mm has been made for branch to main channel connections in PPIC chambers.
 - Manhole benching to be set at pipe soffit to soffit in chambers where incoming and outgoing pipe sizes differ.
 - All RWP, SVP and SS positions have been assumed and are subject to confirmation from the architect. For the location of all RWPs and SVPs refer to architects drawings. During construction the location of all RWP, SVP and SS positions should be setout from architectural drawings and not the drainage layout general arrangement.
 - All Private drainage pipes to be thermoplastic pipes, all Public pipes are to be vitrified clay.
 - All SVP's should be fitted with Roddable Access Plate Fittings.
 - Where existing manholes are to be reused or new pipework connected the existing benching shall be completely replaced.
 - All areas of excavation are to be scanned and marked for existing services prior to any excavation.
 - All below ground pipes to be 100mm Ø unless noted otherwise.
 - Root protection to be provided for drainage close to trees. Excavations in root protection area to be hand dug.
 - All manholes in hard paved areas to have recessed covers to allow for surfacing (to architect specification).

FOR CONSTRUCTION

C12	SW Drainage to Front of JVC Revised to New	20.04.22	SP	AK
C11	Site Layout/Access Ramp			
C10	SW Drainage to Front of JVC Revised, Channel Drain Moved and SW Yard Gullies Added	16.03.22	SP	AK
C10	JVC Bin Store Foul Gully Added	17.02.22	SP	AK
C9	Drainage Revised for Redesignated Impermeable Parking Bays. See Clouded	10.02.22	SP	AK
C8	Rising Main Connection and Route Amended Drainage to the Rear of Block A Revised (150mmØ Pipes and Rodding Eyes Added) Site Plan and all RWPs Coordinated Unit 3 SVP Connection Added	06.12.21	SP	AK
C7	Site Layout Revised and FW Drainage Amended to New SVP Positions. Backdrop on FM05 No Longer Required	13.09.21	SP	AK
C6	Culvert Changed to 900mmØ SM35 Changed to 1800mmØ SM12/SM21 Revised as Result of 900 Culvert Diffuser IL's Revised to new Construction Depth	20.04.21	SP	AK
C5	RWP's Revised to JVC Store IL's Provided for Sub-Base Diffusers	16.04.21	SP	AK
C4	All Incoming/Outgoing Manhole IL's Lowered to the Attenuation Tanks Base SM35 Revised to 1800Ø CP Manhole and Relocated Away from Highway	14.04.21	SP	AK
C3	Drainage Rearranged Away from Existing Attenuation Discovered On Site. Proposed Tank 3 Dimensions Revised	22.03.21	SP	AK
C2	Drainage Revised to New Site Masterplan & Relocated Block E. Permeable Paving Extents FW Drainage Revised to Dance Studio	23.02.21	SP	AK
C1	Detailed Design. Point of surface water discharge and SW Pump Spec TBC	17.12.20	SP	AK
T4	AOD Levels removed, Units 26 & 28 FFL changed to 41.150, Units 27 & 29 FFL changed to 41.300	23.09.20	SP	AK
T3	Level difference between FFL & AOD added	23.03.20	SF	SM
Revision		Amendments	Date	Rev'd
Checked by		Nov 2020		CIVIL



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Project Title
JAVELIN WAY

PROPOSED DRAINAGE LAYOUT

Drawing Number: 1:250 @A1
Scale: Unless Noted Otherwise

A6524-1500 - C12

Note: For manhole details refer to drawing A6524-1505 Manhole Schedules

CDM 2015 RESIDUAL RISKS

- Buried existing services
- Existing drainage to be maintained
- Working on or by a live sewer
- Stability of deep excavations

The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware of the standard hazards.

