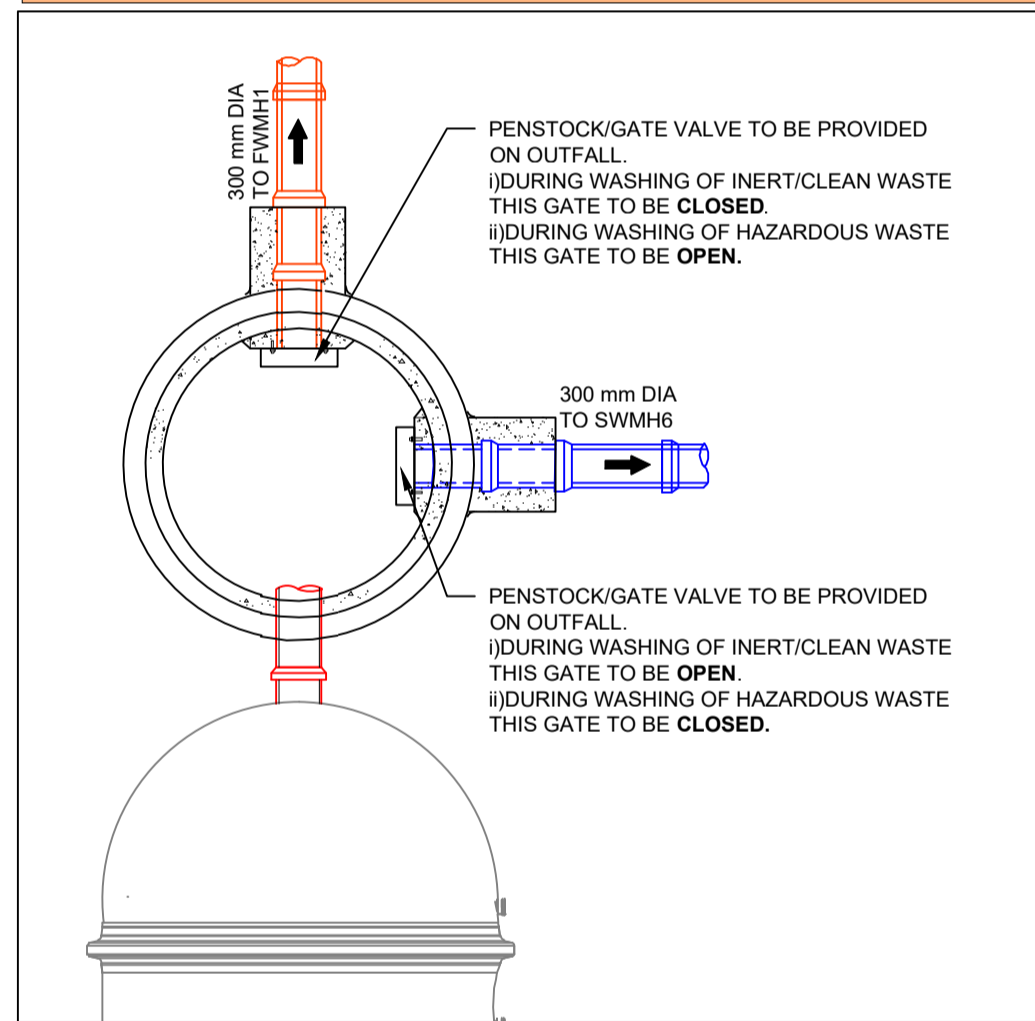


**SURFACE WATER MANHOLE SCHEDULE**

Node ID	Easting (m)	Northing (m)	CL (m)	IL (m)	Depth (m)	Dia (mm)	Pipe Size	Manhole Type
SWMH1	172127.574	43163.590	137.950	137.150	0.800	1200	Ø150mm	Type B
SWMH2	172138.647	43174.990	139.500	137.320	2.180	1200	Ø150mm	Type B
SWMH3	172157.445	43195.277	140.000	137.620	2.380	1200	Ø150mm	Type B
SWMH4 (HYDRO-BRAKE CHAMBER)	172183.101	43195.277	140.600	137.900	2.700	1800	Ø300mm - in Ø150mm - out	Type B
SWMH5	172235.447	43205.404	140.800	138.770	2.030	1200	Ø300mm	Type B
SWMH6	172237.272	43239.877	140.200	138.925	1.275	1200	Ø300mm	Type B
SWMH7 (CONTROL CHAMBER)	172232.506	43240.157	140.500	138.980	1.520	1500	Ø300mm	Type B
FWMH1	172233.815	43248.386	140.500	138.930	1.570	1200	Ø300mm	Type B
FWMH2	172242.224	43273.644	140.200	138.750	1.450	1200	Ø300mm	Type B

**PROPOSED SITE CONTROL OF SURFACE WATER RUN-OFF BETWEEN CLEAN/INERT WASTE & HAZARDOUS WASTE WASHING PROCESS**



ENLARGED DETAIL OF CONTROL CHAMBER SWMH7 (SCALE 1:50)

**SURFACE WATER MANAGEMENT- CLEAN/INERT WASTE DISCHARGE**

RUN-OFF FROM WASH PLANT PAD + ASSOCIATED HARDSTANDING TO DISCHARGE TO EXISTING WATERCOURSE VIA NEW ATTENUATION BASIN.

THE PROPOSED DISCHARGE FROM THE ATTENUATION BASIN WILL BE RESTRICTED TO PRE-DEVELOPMENT GREENFIELD RATES CALCULATED AT 4.5L/sec.

THE ATTENUATION BASIN HAS BEEN SIZED (AT 1350m<sup>3</sup>) TO ACCOMMODATE THE CRITICAL 1 IN 100 YEAR + CLIMATE CHANGE STORM EVENT.

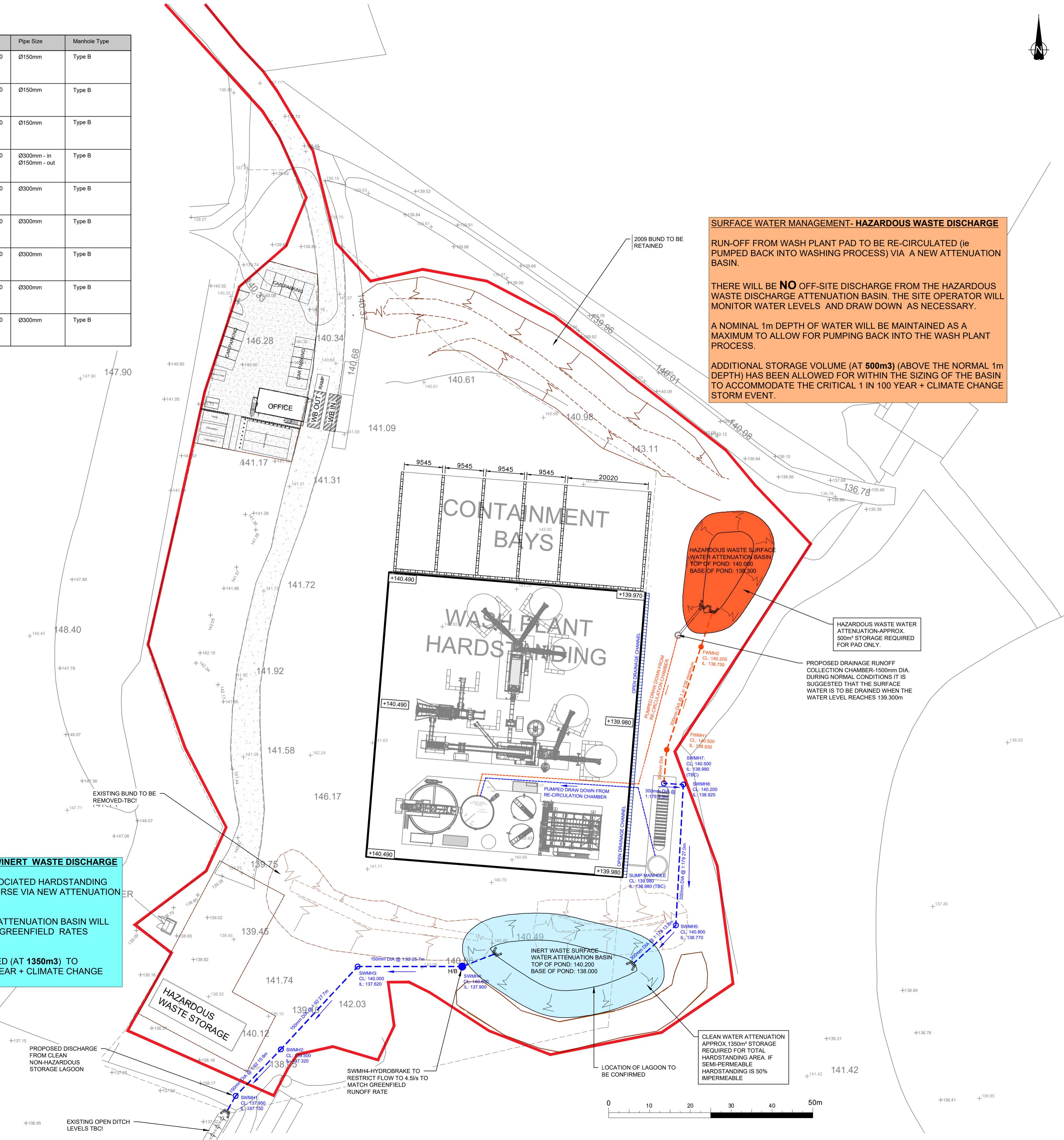
**SURFACE WATER MANAGEMENT- HAZARDOUS WASTE DISCHARGE**

RUN-OFF FROM WASH PLANT PAD TO BE RE-CIRCULATED (ie PUMPED BACK INTO WASHING PROCESS) VIA A NEW ATTENUATION BASIN.

THERE WILL BE **NO** OFF-SITE DISCHARGE FROM THE HAZARDOUS WASTE DISCHARGE ATTENUATION BASIN. THE SITE OPERATOR WILL MONITOR WATER LEVELS AND DRAW DOWN AS NECESSARY.

A NOMINAL 1m DEPTH OF WATER WILL BE MAINTAINED AS A MAXIMUM TO ALLOW FOR PUMPING BACK INTO THE WASH PLANT PROCESS.

ADDITIONAL STORAGE VOLUME (AT 500m<sup>3</sup>) (ABOVE THE NORMAL 1m DEPTH) HAS BEEN ALLOWED FOR WITHIN THE SIZING OF THE BASIN TO ACCOMMODATE THE CRITICAL 1 IN 100 YEAR + CLIMATE CHANGE STORM EVENT.



DO NOT SCALE FROM THIS DRAWING

- NOTES**
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
  - THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND DETAILS AND CONTRACT DOCUMENTATION AND ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
  - THE GENERAL SPECIFICATION OF MATERIALS AND WORKMANSHIP FOR DRAINAGE WORKS SHALL BE THE 'CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY - 7TH EDITION' (CESWI) PUBLISHED BY WRC (2011) ON BEHALF OF THE WATER SERVICES ASSOCIATION.
  - ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED IN ADVANCE OF THE WORKS.
  - DRAINAGE COVER AND INVERT LEVELS ARE APPROXIMATE ONLY. EXACT LEVELS TO BE CONFIRMED

- KEY**
- APPLICATION BOUNDARY
  - HARDSTANDING - SEMI-PERMEABLE STONE (TYPE 1 OR SIMILAR)
  - EXISTING LEVELS
  - 2009 BUND TO BE RETAINED
  - EXISTING BUND TO BE REMOVED TBC!
  - EXISTING OPEN DITCH
  - PROPOSED HEADWALL
  - PROPOSED INERT WASTE-SURFACE WATER DRAINAGE
  - PROPOSED HAZARDOUS WASTE -SURFACE WATER DRAINAGE
  - PROPOSED PUMP/PRE-CIRCULATION CHAMBER
  - PROPOSED HYDROBRAKE
  - PROPOSED HAZARDOUS WASTE WATER ATTENUATION BASIN
  - PROPOSED INERT WASTE WATER ATTENUATION BASIN

LAYOUT PRODUCED FROM RIG RECYCLE IT GLOBAL WITH DRAWING ENTITLED SITE LAYOUT, DRAWING NO. PA-23-002T REV B DATED 17-01-24

P3	HARDSTANDING EXTENTS AMENDED	30/05/24	DR	
P2	REV P2 HAZARDOUS WASTE ATTENUATION LAGOON RE-LOCATED	17/05/24	DR	
P1	ISSUED FOR INFORMATION	03/05/24	LA	

CLIENT: RECYCLE IT GLOBAL LTD

PROJECT: RIG SCORRIER, CORNWALL

DRAWING TITLE: SECTION 73 DRAINAGE PLAN

DRG No.	NT16773-003	REV	P3	SUBT. CODE
DRG SIZE	A1	SCALE	1:500	DATE
DRAWN BY	LJI	CHECKED BY		APPROVED BY

