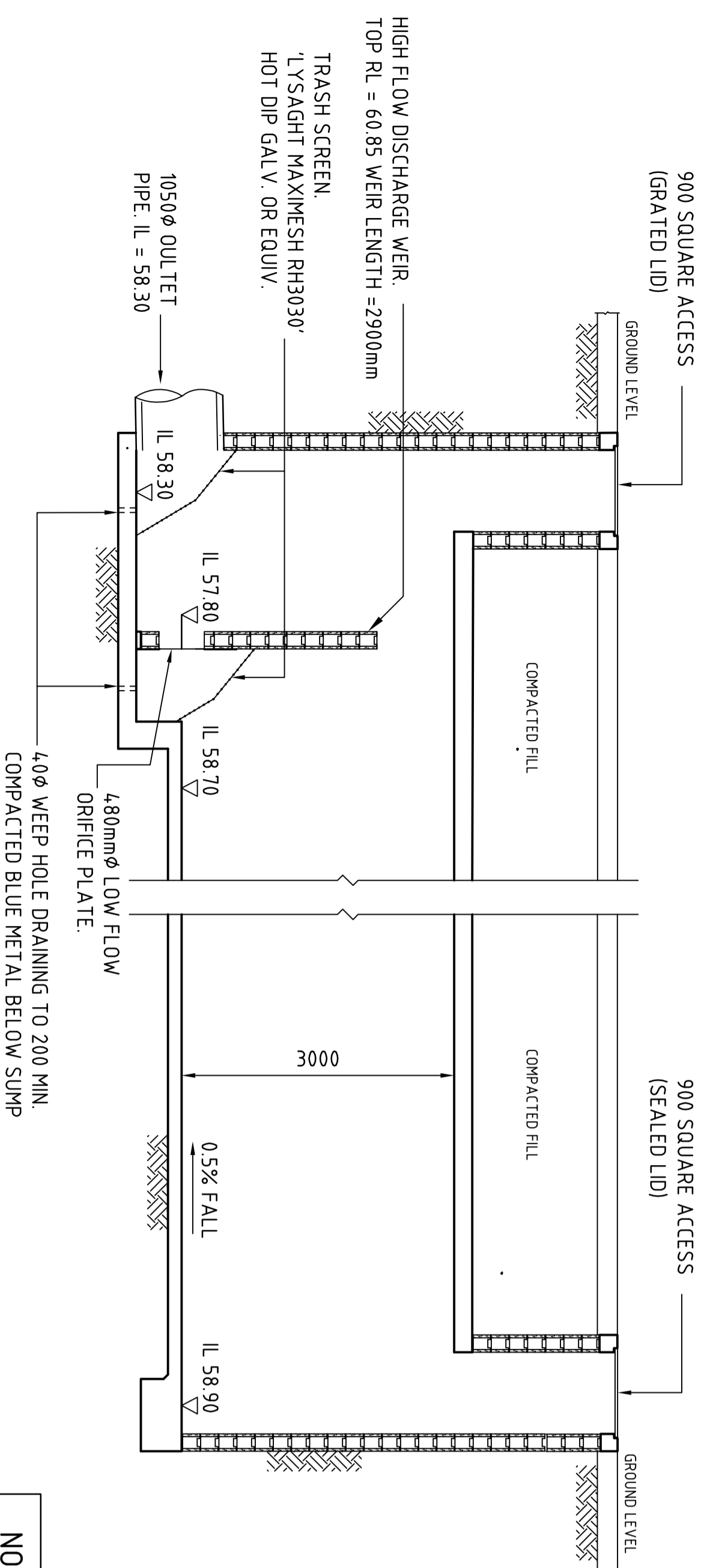


OSD 1 (TANK) PLAN  
SCALE 1:200

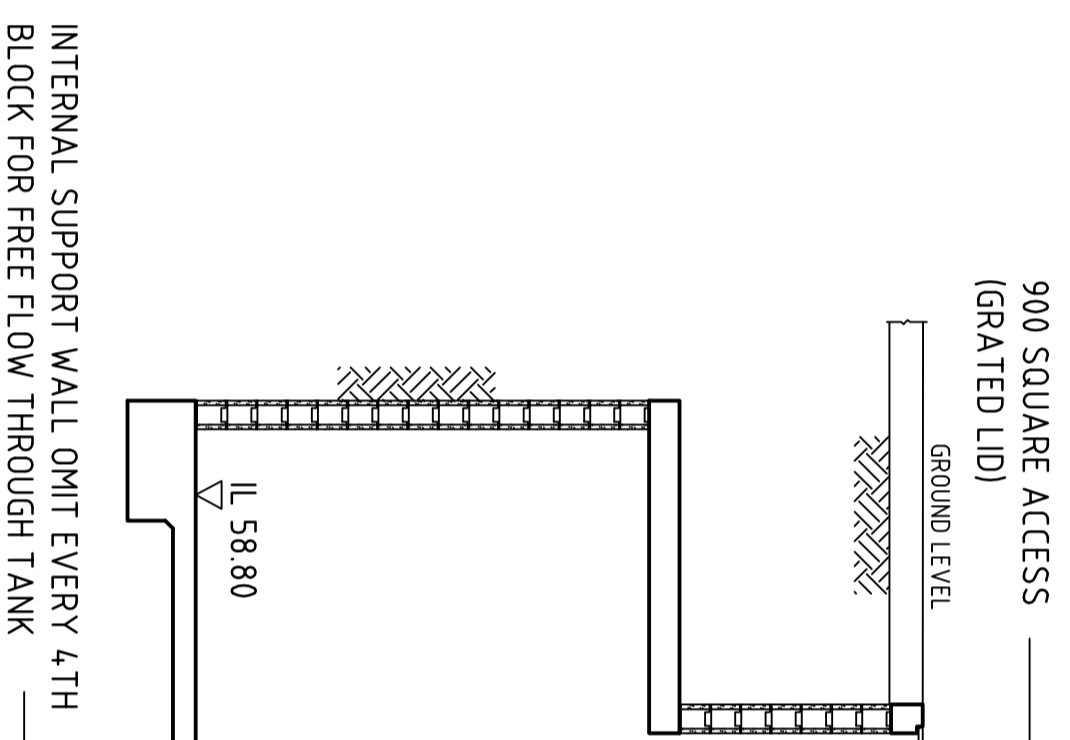
ARI (yrs)	Storm Duration (hrs)	Flow (m <sup>3</sup> /s)		Depth OSD 1 (TANK) (mm)	Storage OSD 1 (TANK) (m <sup>3</sup> )	Depth OSD 2 (BASIN) (mm)	Storage OSD 2 (BASIN) (m <sup>3</sup> )
		Pre - Devel. (un-attenuated)	Post Devel. (with attenuation)				
2	2	0.768	2.112	1250	1050	790	700
20	2	2.320	3.743	1690	2500	1050	1000
100	2	3.080	4.664	2740	2300	1200	1200

NOTE: PEAK FLOWS NOMINATED ARE FOR TOTAL SITE AT OSD 2 OUTLET.  
PEAK FLOWS INCLUDE WAREHOUSE 1 & WAREHOUSE 2 CATCHMENTS

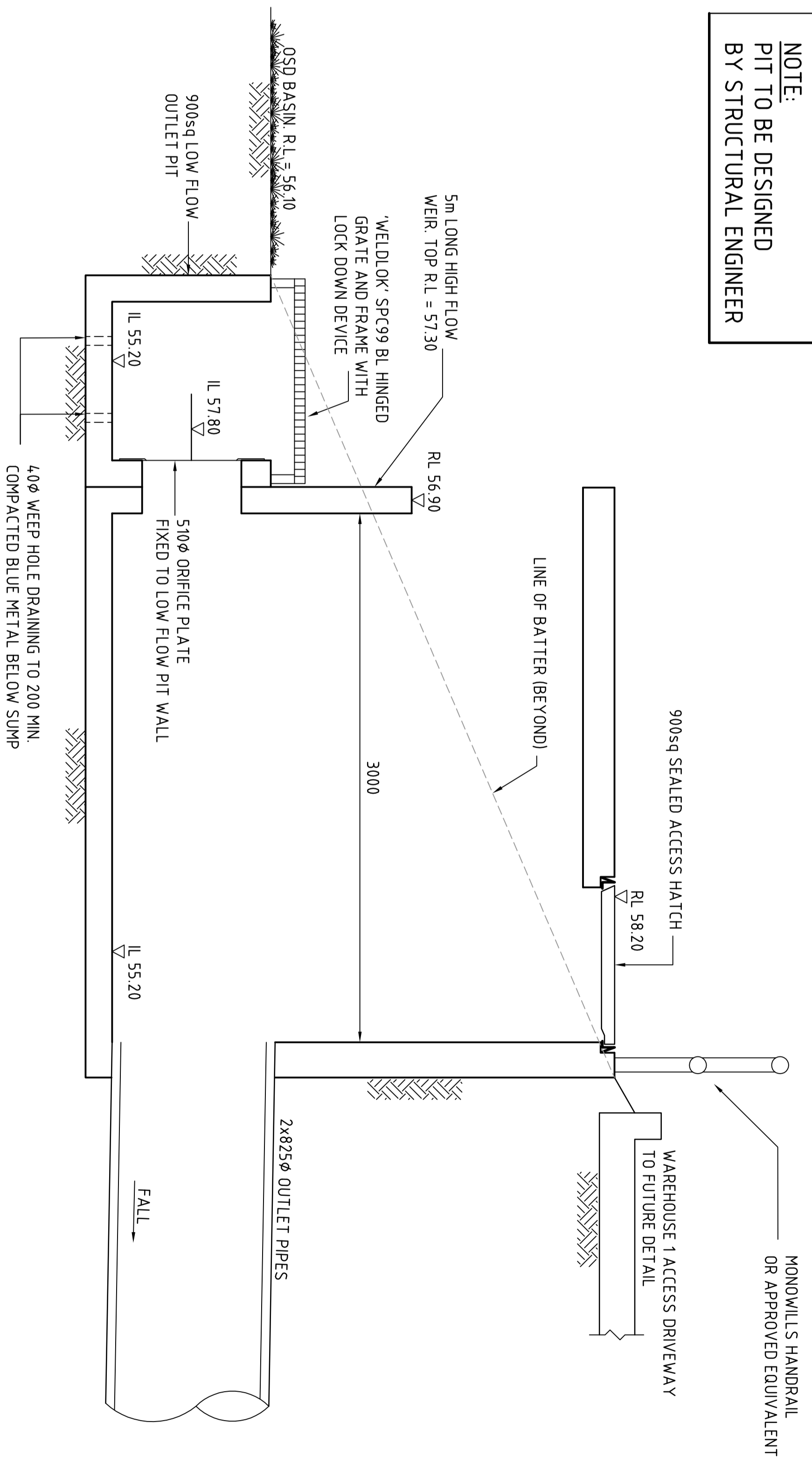
ON SITE DETENTION - HYDROLOGIC DETAILS



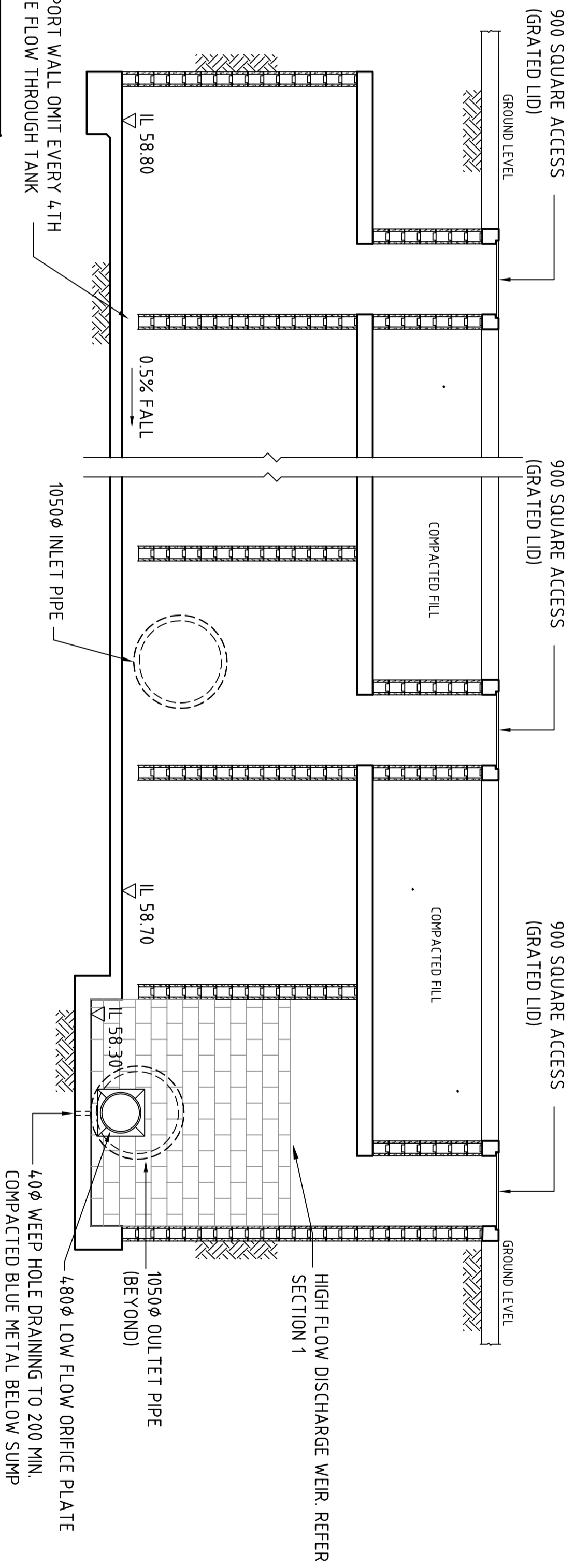
SECTION 150 : TYPICAL THRU OSD 1 (TANK)



NOTE: TANK TO BE DESIGNED BY STRUCTURAL ENGINEER

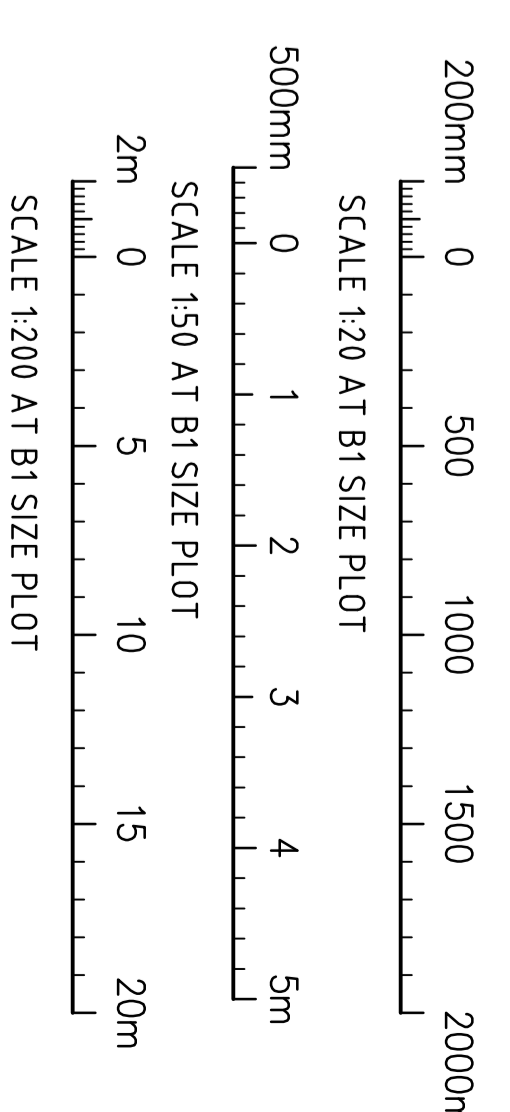


OSD 2 (BASIN) DISCHARGE CONTROL PIT TYPICAL DETAIL  
SCALE 1:20



SECTION 150 : TYPICAL THRU OSD 1 (TANK)

OSD TANK DETAILS	
SITE AREA	134,906m <sup>2</sup>
TOTAL SITE AREA	939,40m <sup>2</sup>
TOTAL SITE AREA DRAINING TO STORAGE (90% IMPERVIOUS)	24,60m <sup>2</sup>
STORAGE	4,80mm
LOW FLOW ORIFICE VOLUME PROVIDED	24,60m <sup>3</sup>
INTERNAL TANK DIMENSIONS (INC. HIGH FLOW CHAMBERS)	3,00mm x 3,90mm x 21,00mm



FOR S75W APPLICATION

FOR S75W APPLICATION	7.11.12	B	ARCHITECT	AXIS ARCHITECTURE	LOGOS PROPERTY GROUP	PROPOSED WAREHOUSE SUPER RETAIL GROUP	Costin Roe Consulting Pty Ltd.	DRAWING TITLE CONCEPT STORMWATER DETAILS SHEET 2	
FOR INFORMATION ONLY	30.10.12	A	CLIENT	4 / 112 GRONULLA CRODULLA, NSW 2230	SUITE 12/02 / 167 MACQUARIE STREET SYDNEY, NSW 2000	133-145 LENORE LANE, ESKINE PARK, NSW	Consulting Engineers		
AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	DESIGNED (DRAWN)	CHECKED (SIZE SCALE)	QAD REF:	ISSUE
						H.W.	K.C.	638888-00-C47	B

Costin Roe

Consulting

Volume In Engineering and Management