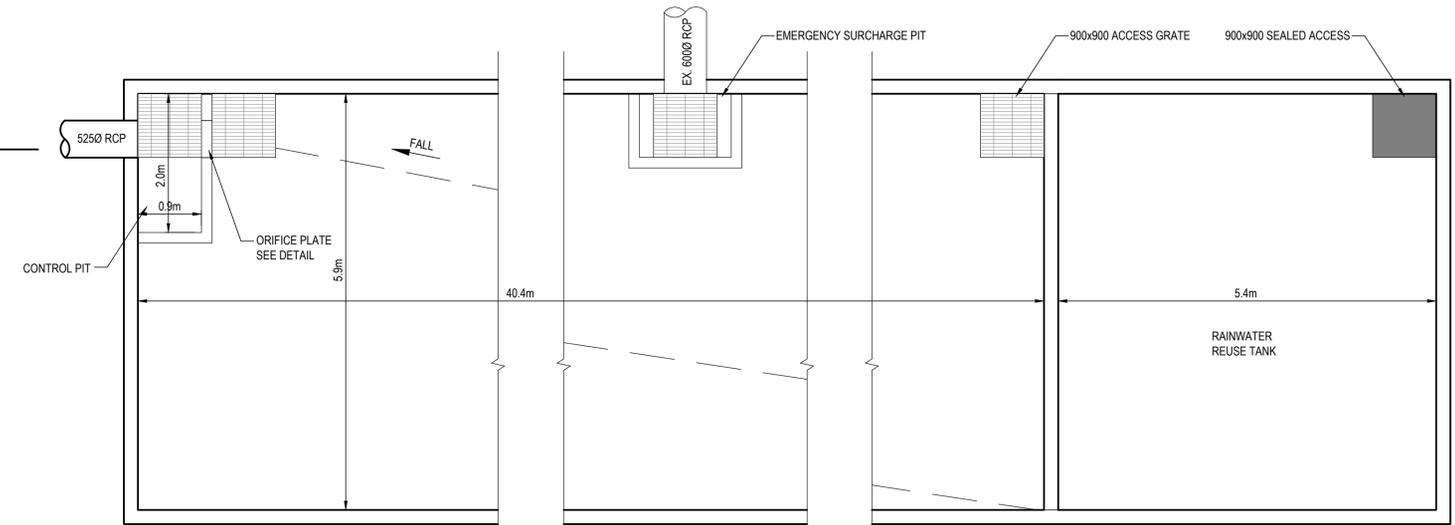
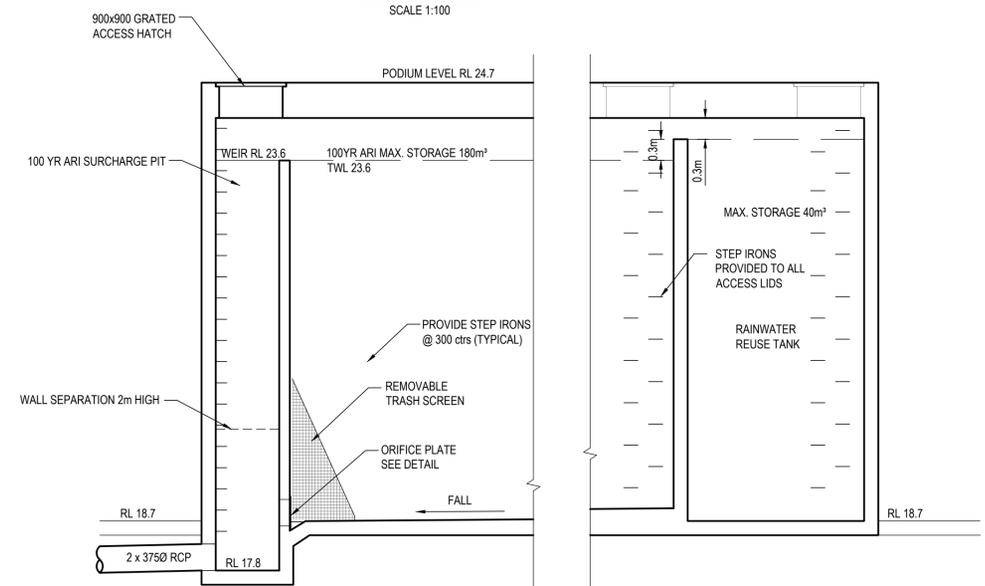


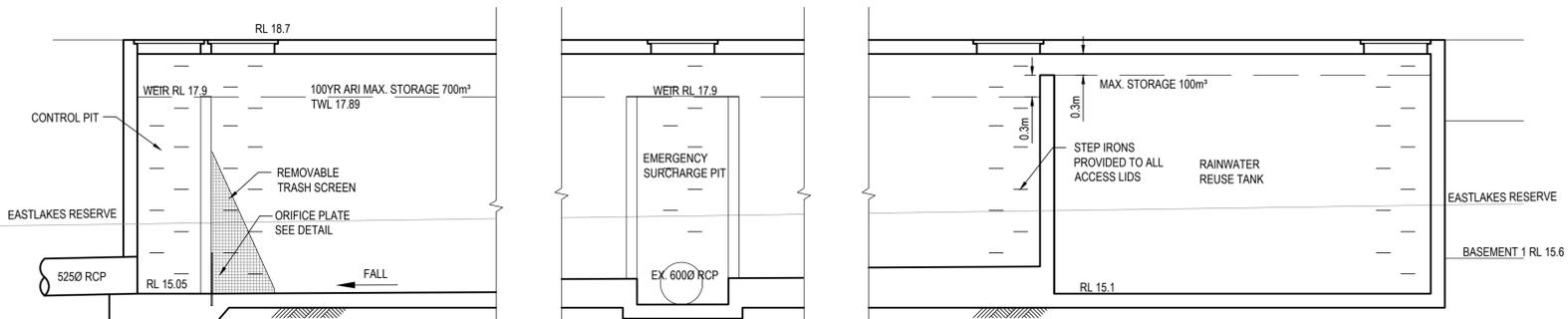
OSD TANK 1
SCALE 1:100



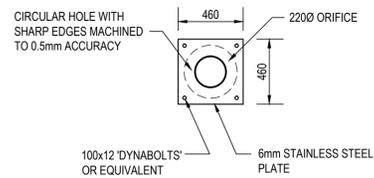
OSD TANK 2
SCALE 1:100



SECTION A
SCALE 1:50

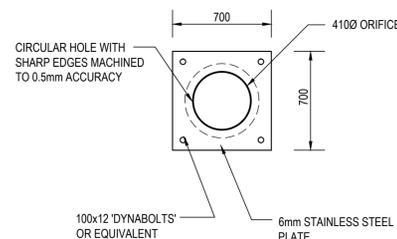


SECTION B
SCALE 1:50



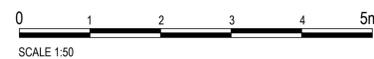
ORIFICE PLATE DETAIL- TANK 1
SCALE 1:25

SITE 1 OSD CALCULATIONS	
DRAINAGE DATA - SITE 1	
TOTAL SITE AREA =	6,045m ²
REQ. RAINWATER STORAGE =	6.5m ³
PROVIDED =	40m ³
PSD =	0.235m ³ /s (5YR ARI FLOW PRE-DEVELOPED)
OSD TANK 1	
STORAGE VOLUME =	180m ³
ORIFICE DIA =	220mm
POST DEV. DISCHARGE =	0.211m ³ /s (100YR ARI FLOW)
EMERGENCY OVERFLOW	
100YR ARI 5 MIN. Q =	0.453m ³ /s
WEIR WIDTH =	2.9m
MAX H (ABOVE WEIR) =	0.20m



ORIFICE PLATE DETAIL- TANK 2
SCALE 1:25

SITE 2 OSD CALCULATIONS	
DRAINAGE DATA - SITE 2	
TOTAL SITE AREA =	17,767m ²
REQ. RAINWATER STORAGE =	18m ³
PROVIDED =	100m ³
PSD =	0.519m ³ /s (5YR ARI FLOW PRE-DEVELOPED)
OSD TANK 2	
STORAGE VOLUME =	700m ³
ORIFICE DIA =	410mm
POST DEV. DISCHARGE =	0.507m ³ /s (100YR ARI FLOW)
EMERGENCY OVERFLOW	
100YR ARI 5 MIN. Q =	1.32m ³ /s
WEIR WIDTH =	2.9m + 3.1m
MAX H (ABOVE WEIR) =	0.26m



DRAWING STATUS
APPROVAL ISSUE
NOT TO BE USED FOR CONSTRUCTION

REVISIONS:	REVISION DESCRIPTION	DRAWN	DATE
E	REISSUED FOR APPROVAL	N.T.	23.04.13
D	ISSUED FOR APPROVAL	N.T.	04.03.13
C	AMENDED OSD TANKS	N.T.	13.04.12
B	AMENDED OSD TANKS	N.T.	02.04.12
A	PRELIMINARY	N.T.	12.03.12

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LVL 1, 110 WALKER STREET NORTH SYDNEY NSW 2060

PROJECT TITLE
EASTLAKES TOWN CENTRE
GARDENERS ROAD
EASTLAKES NSW 2018

DRAWING TITLE
OSD TANK DETAILS

PROJECT LEADER: RJB	SIGNATURE:
DESIGNER: NT	DATE: FEBRUARY 2012
DRAFTSPERSON: NT	SHEET SIZE: A1
SCALE: AS SHOWN	DRAWING NO.:
JOB NO.:	REVISION:
SY121-012	DA014
	E