

FOR INFORMATION

A1

INDEX	DATE	ISSUED FOR INFORMATION	REVISIONS	DRAWN	CHECKED	PASSED
A	14.04.2016	ISSUED FOR INFORMATION		MW	B.JI	B.JI



22/13 Norval Court  
Maroochydore QLD 4558  
Australia  
Telephone +61 7 54566700



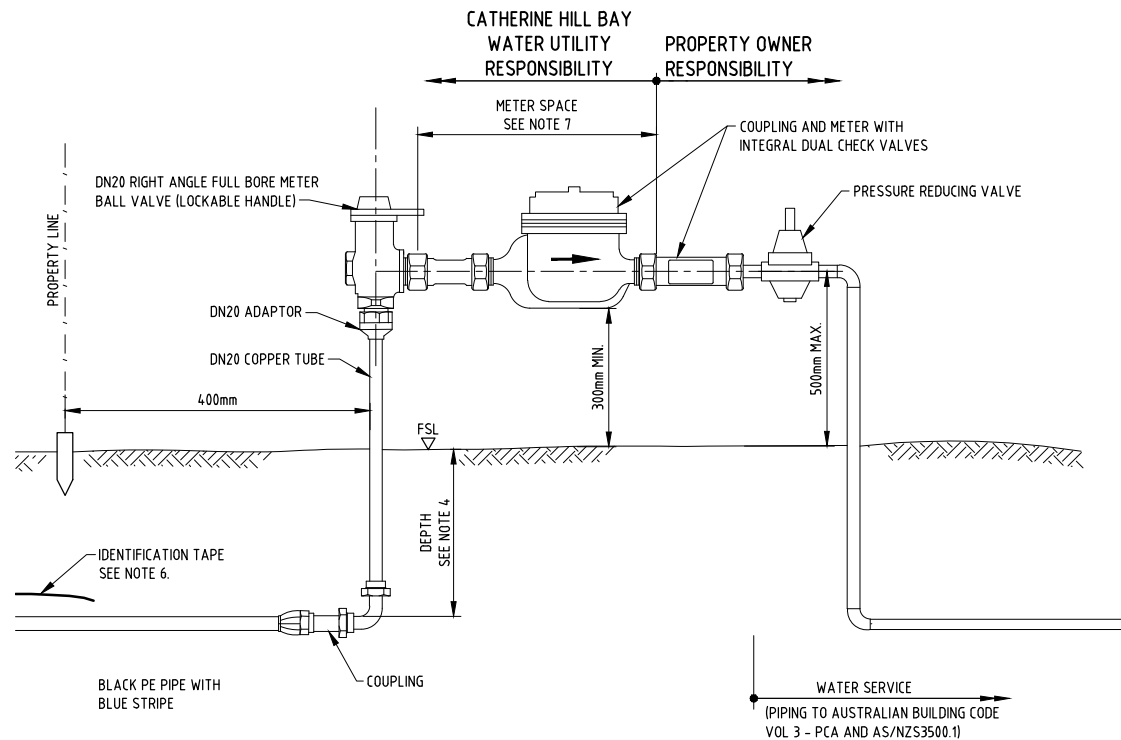
CATHERINE HILL BAY WATER

SOLO WATER STANDARD DRAWING  
STANDARD LOW PRESSURE SEWER DETAILS

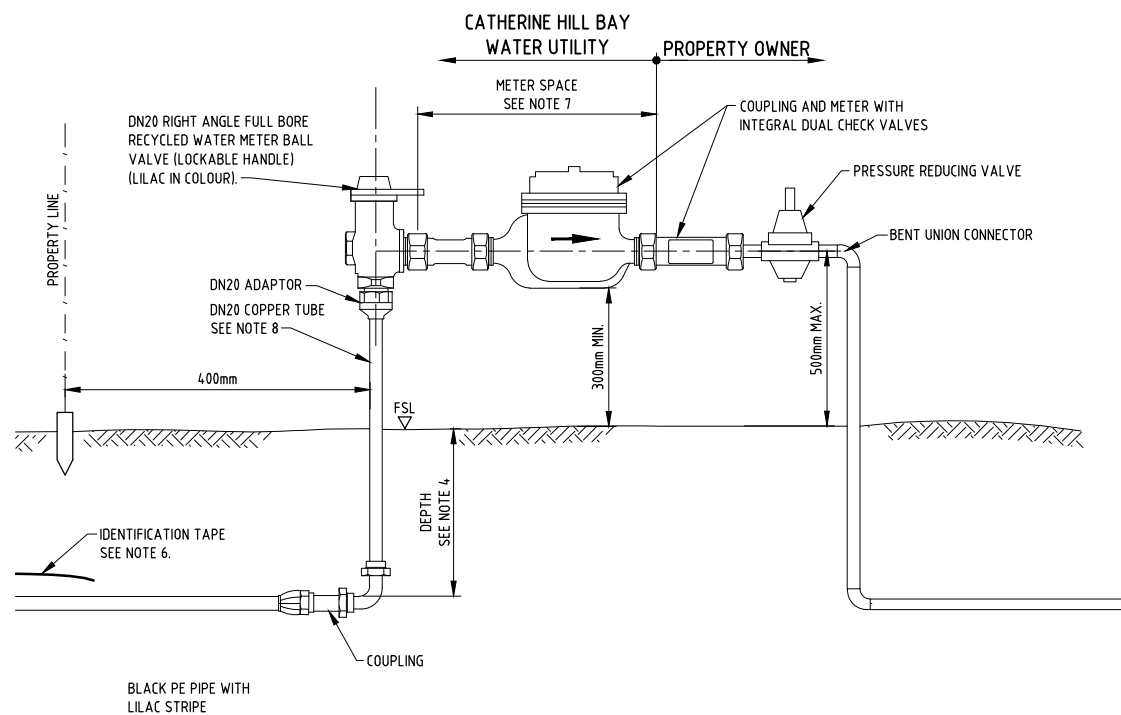
TYPICAL DETAILS

SCALE	NOT TO SCALE
SHEET	1 OF 1 SHEETS
DRAWING NO.	
SW-STD-BLD-3	
	A

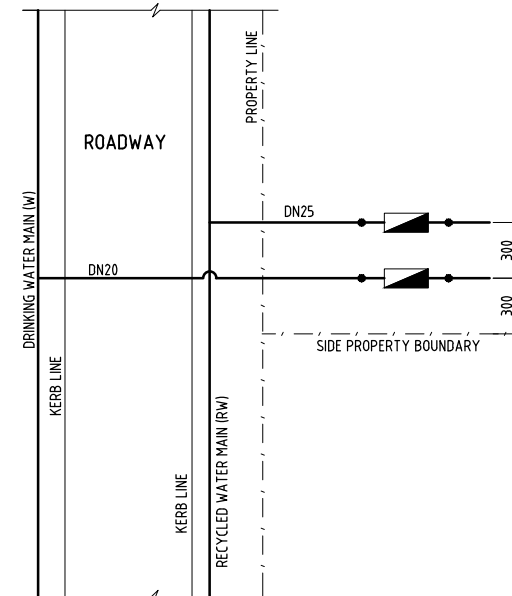
IMS-CONT-G-1689-SW (ISSUE 1)



**DRINKING WATER  
SECTIONAL ELEVATION**  
**TYPICAL SINGLE PROPERTY SERVICES PRE-LAID IN FOOTWAY**



**RECYCLED WATER  
SECTIONAL ELEVATION**  
**TYPICAL SINGLE PROPERTY SERVICES PRE-LAID IN FOOTWAY**



**PLAN  
PROPERTY SERVICES LAYOUT**  
NTS

#### NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
- FOR APPROVED TAPPING METHODS, SEE WAT-1852-S (DICI MAINS) AND WAT-1853-S (PVC PR GRP MAINS). (SYDNEY WATER)
- PROPERTY SERVICES CONNECTED TO PVC MAINS:  
ALL MATERIALS FOR USE IN PROPERTY SERVICES SHALL BE IN ACCORDANCE WITH THE AUSTRALIAN BUILDING CODE VOL 3 - PLUMBING CODE OF AUSTRALIA AND AS/NZ 3500.1 (MIN PN15). ALL PROPERTY SERVICE PIPE FOR RECYCLED WATER SHALL BE COLOURED BLACK WITH LILAC (P23) STRIPES (LONGITUDINAL) TO AS 2700.  
WHERE THE NOMINAL SIZE OF A PIPE IS SPECIFIED, AN EQUIVALENT PIPE SIZE APPROPRIATE TO THE MATERIAL BEING USED TO BE AS SPECIFIED IN AS 3500.1, TABLE 1.1.  
PROPERTY SERVICES TO BE CONTINUOUS (WITHOUT JOINTS) BETWEEN MAINTAP BALL VALVE AND METER RISER.
- DEPTHS TO BE IN ACCORDANCE WITH ABC VOL 3 - PCA AND AS/NZ 3500.1
- METERS WITH DUAL CHECK VALVES REQUIRED FOR DRINKING WATER AND RECYCLED WATER PROPERTY SERVICES.
- PROVIDE IDENTIFICATION TAPE ON ALL PROPERTY SERVICES WITHIN THE FOOTWAY & ROADWAY UP TO THE BALL VALVE.  
AS APPROPRIATE, TAPE TO BE COLOURED:  
(i) "LILAC" AND MARKED "CAUTION RECYCLED MAIN BURIED BELOW - DO NOT DRINK" OR  
(ii) "GREEN" AND MARKED "CAUTION WATER MAIN BURIED BELOW"
- METER SPACE -  
DRINKING AND RECYCLED WATER  
METER SPACE FOR DRINKING WATER IS THE DISTANCE BETWEEN THE THREADED END OF THE BALL VALVE AND THE THREADED END OF THE ELBOW. DISTANCES ARE AS FOLLOWS:

METER SIZE	20	25
METER SPACE	300	300

- USE COPPER TUBE PRECOATED WITH LILAC COLOURED PE FOR RISERS ON RECYCLED WATER SERVICES.  
USE COPPER TUBE FOR POTABLE WATER SERVICE.
- INSTALL SERVICES FROM MAIN TO METER IN A STRAIGHT LINE AND AT RIGHT ANGLES TO KERB LINE.
- LOCATE PROPERTY SERVICES FROM MAIN TO METER, (DRINKING AND RECYCLED WATER) IN THE ONE STREET ONLY, AT FRONTAGE OF PROPERTIES. PLACE DRINKING AND RECYCLED WATER METERS TOGETHER 400mm FROM THE FRONT BOUNDARY AND PARALLEL TO A SIDE BOUNDARY WITHIN A DISTANCE OF 600mm.
- RECYCLED WATER MAIN & POTABLE WATER MAIN TO BE LOCATED ON OPPOSITE SIDES OF ROAD.
- POTABLE AND RECYCLED WATER METERS TO BE INSTALLED ON OPPOSITE SIDES OF PSU IF LOCATED ON THE SAME PROPERTY.

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#### CATHERINE HILL BAY WATER

SOLO WATER STANDARD DRAWING  
DUAL WATER RETICULATION SYSTEM  
SINGLE PROPERTY SERVICES  
PRE-LAID IN FOOTWAYS

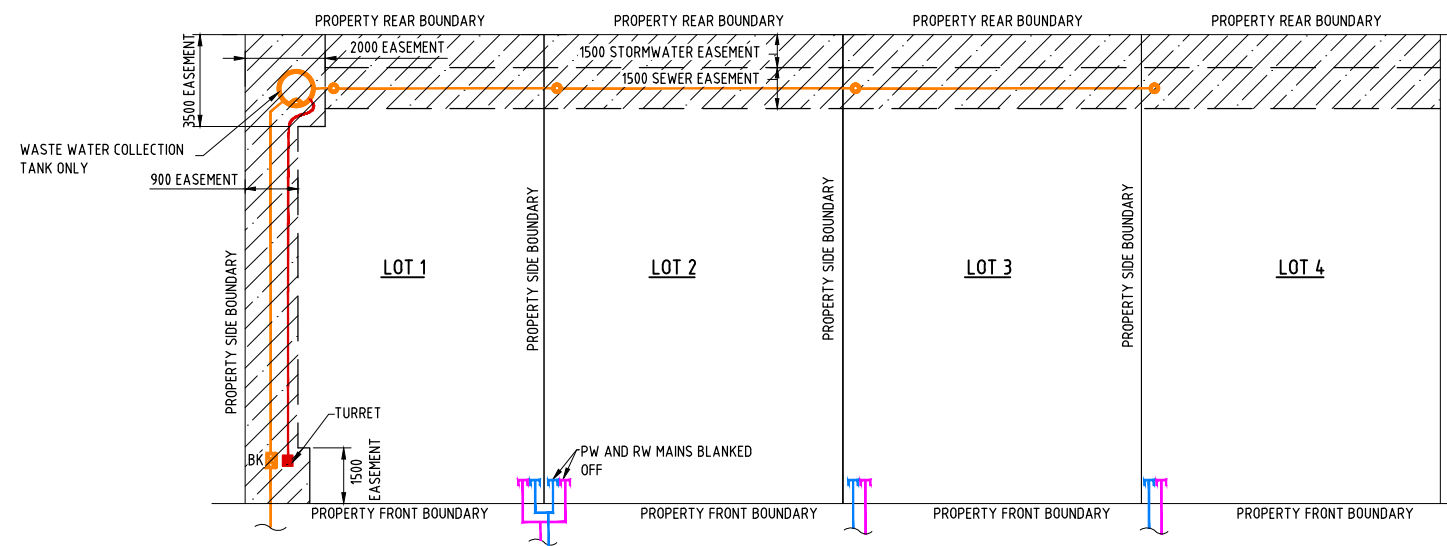
SCALE NOT TO SCALE

SHEET 1 OF 1 SHEETS

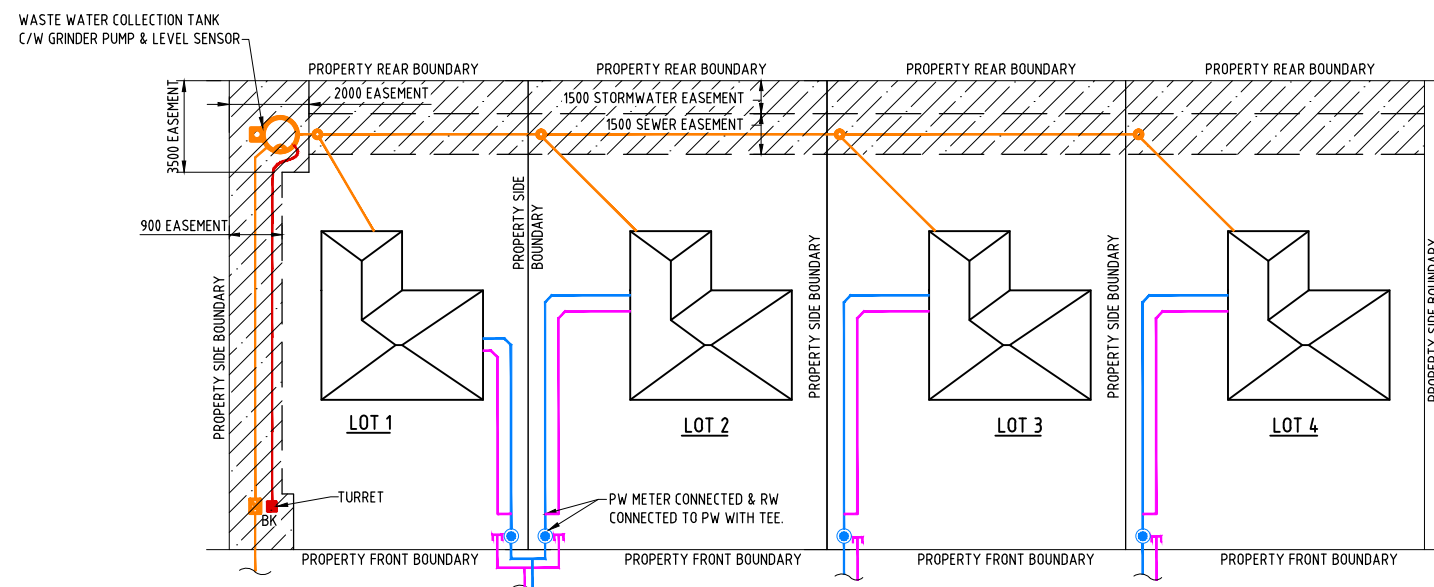
DRAWING NO.

**SW-STD-BLD-4**

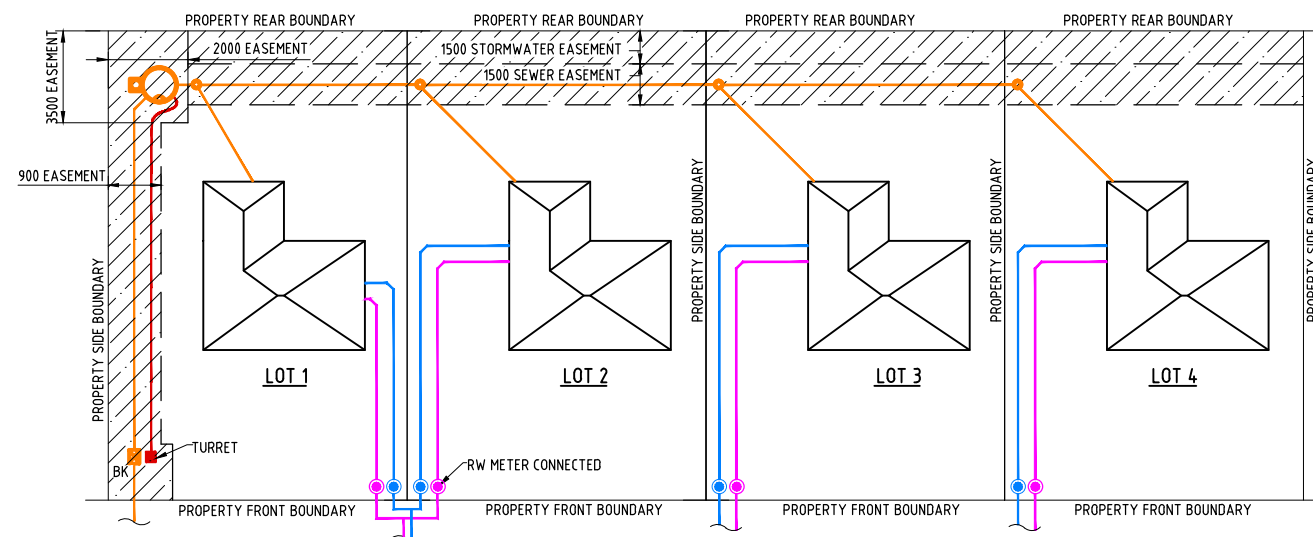




STAGE 1 - PRIOR TO CONSTRUCTION BY BUILDER



STAGE 2 - DURING CONSTRUCTION BY BUILDER



STAGE 3 - AFTER CERTIFICATION BY NSW FAIR TRADING AND INSTALLATION BY SOLO WATER

# LEGEND

WASTEWATER	
POTABLE WATER	
RECYCLED WATER	
ELECTRICAL & INSTRUMENTATION CONDUITS	
WASTE WATER COLLECTION TANK C/W GRINDER PUMP & LEVEL SENSOR	
POTABLE WATER METER	
RECYCLED WATER METER	
BOUNDARY KIT	
ELECTRICAL TURRET	
EASEMENT	
GRAVITY SEWER HOUSE CONNECTION	

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CATHERINE HILL BAY WATER

SOLO WATER STANDARD DRAWING  
TYPICAL INFRASTRUCTURE STAGING DIAGRAM

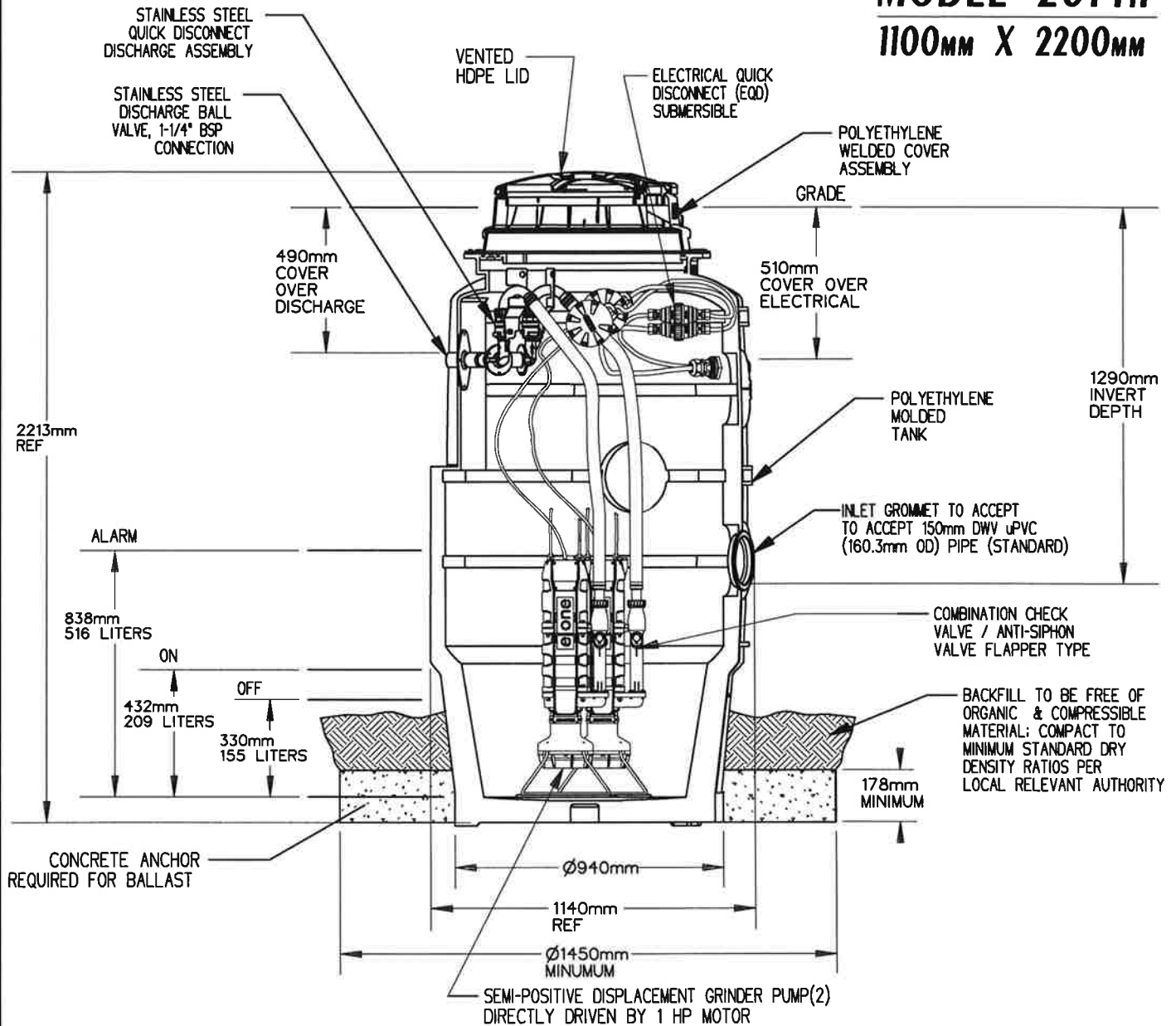
TANK AT REAR OF PROPERTY

SCALE	NOT TO SCALE
SHEET	1 OF 1 SHEETS
DRAWING NO.	SW-STD-BLD-5



# MODEL 2014iP

## 1100mm X 2200mm



SPECIFICATIONS								2014iP - 1100 x 2200	KDO	PD	10/20/10	C	N/A
BASIN	Diameter (mm)	Height (mm)	Weight (kg)	Total Capacity (l)	Capacity Above Alarm (l)	Ballast (m3)	Inlet Pipe Size (mm)		DR BY	CHK'D	DATE	ISSUE	SCALE
	1100	2200	132	1337	821	SEE DWG	150						
PUMP	Pump (s)	Dimensions (mm)	Weight (kg)	Nominal Pump Rate @ 0m TDH (lps)	Nominal Pump Rate @ 20m TDH (lps)	Nominal Pump Rate @ 42m TDH (lps)	Discharge Size (mm)		<div>e one</div> <div>SEWER SYSTEMS</div>				
	Duplex (2)	330 X 800	47	.75	.83	.47	32						
ELECTRICAL	Voltage (VAC)	Phase	Cycle (Hz)	Supply Cable (m)	Alarm Panel				<div>MODEL 2014iP DETAIL SHEET</div> <div>1100mm x 2200mm</div> <div>PA2096P01</div>				
	240	Single	50	As Specified	Simplex (1)								