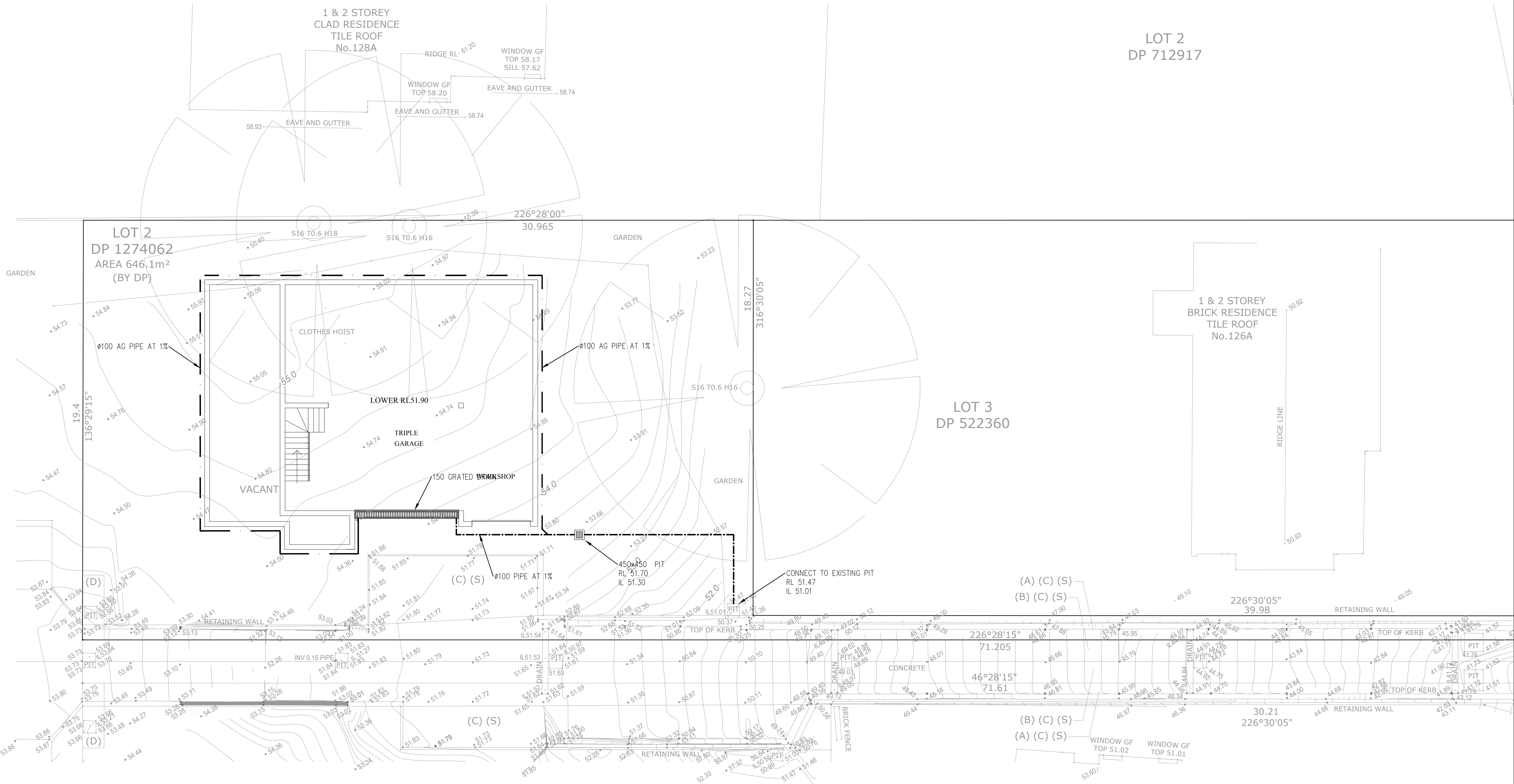


SYMBOLS

F.F.L.	FINISHED FLOOR LEVEL
T.K.	TOP OF KERB
RL	PIT SURFACE LEVEL
IL	INVERT LEVEL
---	STORMWATER DRAINAGE PIPE
---	DOWNPIPE TO RAINWATER TANK
•DP	100Ø DOWN PIPE (U.N.O.)
•SP	SPREADER
•IO	INSPECTION EYE
////	MASONRY RETAINING WALL
FW	FLOOR WASTE 150Ø
RWT	RAIN WATER TANK
■	GRATED INLET PIT
■	GRATED DRAIN
←	OVERLAND FLOW PATH
ES	EMERGENCY SPLITTER
VD	VERTICAL DROP
•EDP	EXISTING 100Ø DOWN PIPE (U.N.O.)
---	EXISTING STORMWATER DRAINAGE PIPE



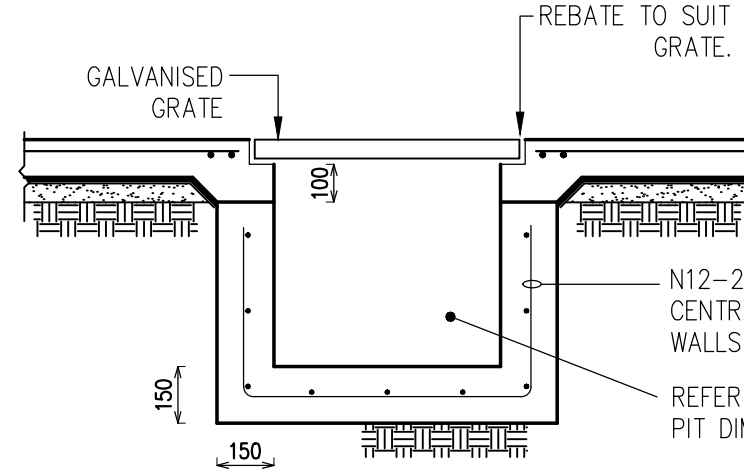
NOTES

- ALL LINES ARE TO BE MIN. 100Ø UPVC @ MIN 1.0% GRADE UNLESS NOTED OTHERWISE.
- THE CONTRACTORS SHALL LOCATE & LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS. ALL DESIGN LEVELS SHOWN ON PLAN SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
- ALL PIPES TO HAVE MIN 200mm COVER IF LOCATED WITHIN PROPERTY.
- ALL PITS AND GRATES IN DRIVEWAYS AND TRAFFICABLE AREAS SHALL BE HEAVY DUTY GRATES. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
- ALL WORK DO BE DONE IN ACCORDANCE WITH AS/NZ 3500.3.2:2003 AND COUNCIL SPECIFICATIONS.
- LOCATION OF DOWNPIPES & FLOOR WASTES ARE INDICATIVE ONLY. DOWNPIPE & FLOOR WASTE SIZE, LOCATION & QUANTITY TO BE DETERMINED BY BUILDER & IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, LANDSCAPE AND STRUCTURAL PLANS, ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION.
- ALL GUTTERS WILL BE FITTED WITH LEAF GUARDS AND SHOULD BE INSPECTED AND CLEANED TO ENSURE LEAF LITTER CANNOT ENTER THE DOWNPIPES

BASEMENT DRAINAGE PLAN

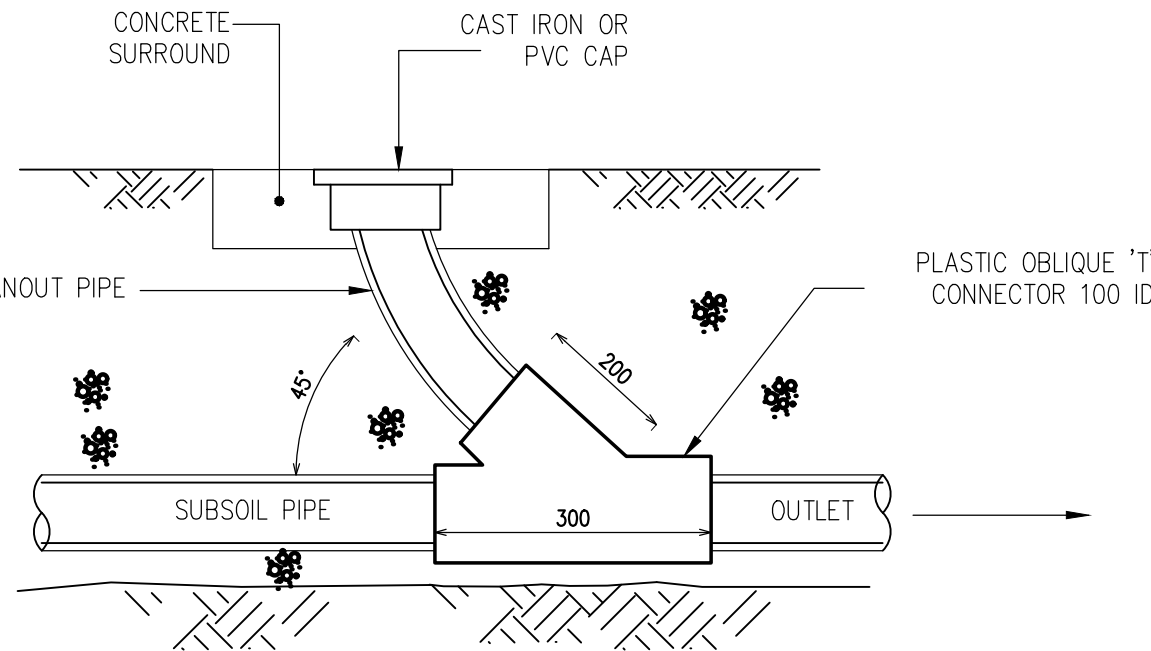
SCALE 1:100

NOTE:
GRATED DRAIN SHALL BE REGULARLY MAINTAINED TO ENSURE ADEQUACY AND PREVENT ANY PIPE BLOCKAGE.



TYPICAL PIT DETAIL

NTS
INSITU PIT DETAILED OR APPROVED PRECAST BY OTHERS
PLASTIC PIT MAY BE USED IN NON-TRAFFICABLE AREAS



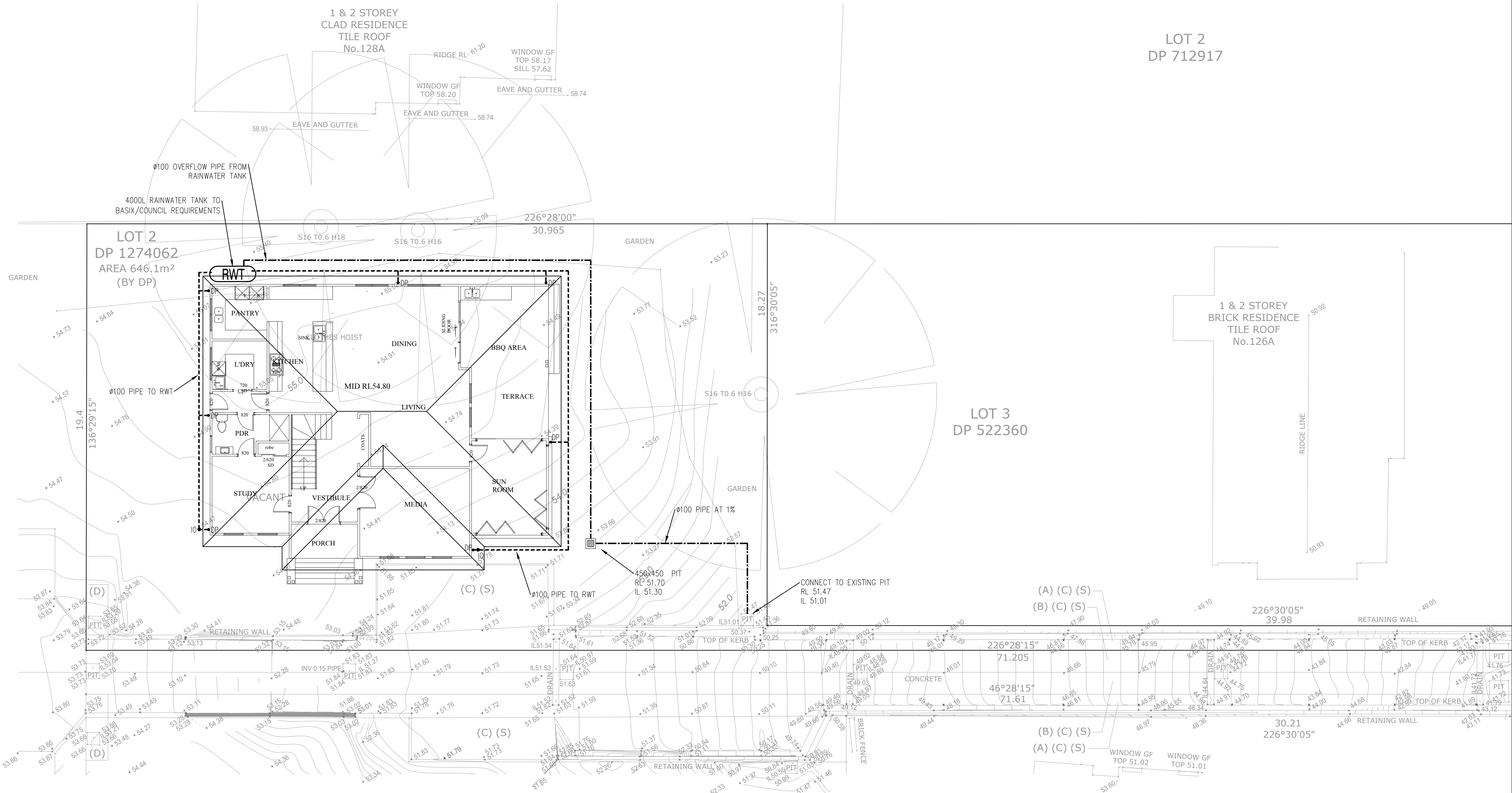
TYPICAL INSPECTION EYE DETAIL

NTS

NO.	AMENDMENTS	DATE	DRAWING TITLE:	M/ 0404 719 932 E/ info@structaconsulting.com A/ PO Box 920, Concord 2137	structa Consulting Engineers	SCALE AT A3: 1:100
1	ISSUED FOR APPROVAL	30/08/22	BASEMENT DRAINAGE PLAN	DRAWN: PB		JOB REF NO. C06261
			ADDRESS: 126E Elimatta Rd, Mona Vale	DESIGNED: PB		DRAWING NO. H01

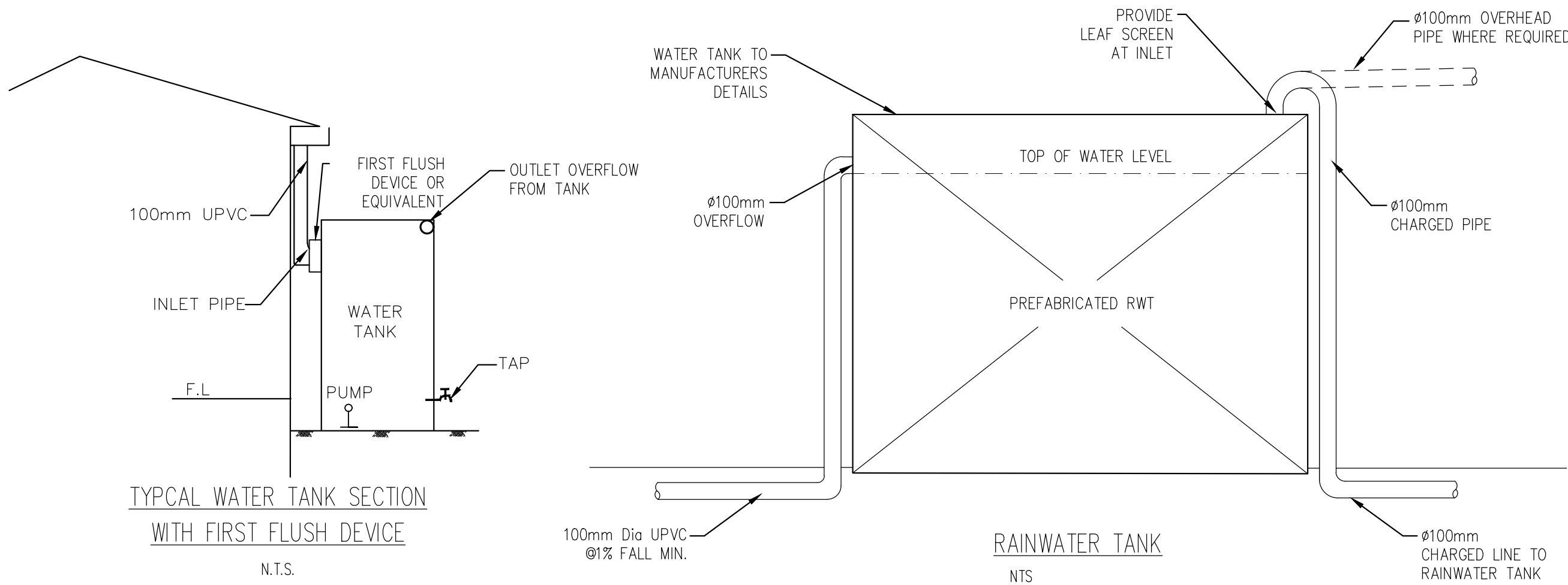
SYMBOLS

- F.F.L. FINISHED FLOOR LEVEL
T.K. TOP OF KERB
RL PIT SURFACE LEVEL
IL INVERT LEVEL
--- STORMWATER DRAINAGE PIPE
--- DOWNPIPE TO RAINWATER TANK
•DP 100mm DOWN PIPE (U.N.O.)
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SITE AND ROOF STORMWATER DRAINAGE PLAN

SCALE 1:100

NOTES: RAINWATER TANKS

- RAINWATER TANK CAPACITY AS PER AS PER SECTION 88B REQUIREMENTS.
- THE SYSTEM TO BE DESIGNED WITH THE FOLLOWING GUIDELINES
 - A 'FIRST FLUSH' DIVERSION TO REMOVE ROOF CONTAMINANTS
 - ADEQUATE SCREENING TO PREVENT MOSQUITO BREEDING AND ENTRY OF ANIMALS OR FOREIGN MATTER
- TANKS TO BE PLUMBED TO TOP-UP FROM THE POTABLE WATER SUPPLY DURING DRY PERIODS WHEN THE TANKS ARE 80% EMPTY.
- NO DIRECT CROSS-CONNECTION WITH THE SYDNEY WATER POTABLE SUPPLY AND AN AIR GAP MAINTAINED ABOVE THE OVERFLOW IN THE TANK.
- A SIGN TO BE INSTALLED STATING 'NOT FOR HUMAN CONSUMPTION'.
- RAINWATER TANK TO BE CONNECTED AS PER BASIX/SECTION 88B REQUIREMENTS
- OVERFLOW FROM THE TANK SHALL BE PIPED TO THE DRAINAGE SYSTEM.

NO.	AMENDMENTS	DATE	DRAWING TITLE:	M/ 0404 719 932 E/ info@structaconsulting.com A/ PO Box 920, Concord 2137	SCALE AT A3: 1:100
1	ISSUED FOR APPROVAL	30/08/22	SITE STORMWATER MANAGEMENT PLAN	DRAWN: PBDESIGNED: PB	JOB REF NO. C06261
	ADDRESS: 126E Elimatta Rd, Mona Vale				DRAWING NO. H02