



LEGEND

	HARDSTAND
	EARTH

CIV - FIXTURES SCHEDULE		
	TYPE	DESCRIPTION
		GRATED LID
		GRATED STORMWATER PIT
		PERIMETER GRATES
		PERIMETER STRIP DRAIN
		SEALED LID
		SEALED STORMWATER PIT
	300W	GRATED STRIP DRAIN
CIV - STANDARD SYMBOLS		
	RWO	RAINWATER OUTLET
		FALL ARROW
		OVERLAND FLOW PATH

CIV - STORMWATER SERVICES		
	TYPE	DESCRIPTION
	RM	RISING MAIN
	SS	SUB SOIL DRAINAGE
	STW	STORMWATER

BASEMENT PUMP-OUT PIT

- WBNM MODEL INDICATES Q100 5min = 10L/s FROM 130m² OF EXPOSED DRIVEWAY, AND V100 2hr = 14m³
- MINIMUM VOLUME = 15m³
- SIZED TO TAKE SEEPAGE FLOWS IN ACCORD WITH GEOTECH FINDINGS & 130m² OF EXPOSED DRIVEWAY
- PROVIDE DUAL SUBMERSIBLE PUMPS WITH MINIMUM CAPACITY = 12L/s

BASEMENT 2 DRAINAGE PLAN

Scale: 1 : 100

1. ALL PIPES TO BE 100mmØ @ 1% MINIMUM UNLESS KNOWN OTHERWISE.
2. ALL BASES OF PITS TO BE BENCHMARKED (TO HALF PIPE DEPTH) TO THE INVERT OF THE OUTLET PIPE WITH ALL PIPES CUT FLUSH WITH SIDE OF PIT, TO ALLOW SMOOTH FLOW OF STORMWATER.
3. PROVIDE GALVANISED ANGLE SURROUNDINGS TO GRATE WHERE IN TRAFFICABLE AREAS.

REV.	DATE	BY	DESCRIPTION	REV.	DATE	BY	DESCRIPTION
3	02.08.19	LTR	ISSUED FOR DA				
2	25.06.19	JPS	ISSUED FOR DA				
1	24.06.19	JPS	ISSUED FOR APPROVAL				

DESIGN:	
CHECKED:	AMCK
SCALE:	1 : 100
SIZE:	A1



PROPOSED DEVELOPMENT

310-314 Taren Point Road, Caringbah, NSW

MBD Developments

CIVIL DESIGN

BASEMENT 2 DRAINAGE PLAN

