GENERAL NOTES

- THESE THE PLANS SHALL BE READ IN CONJUCTION WITH OTHER RELEVANT CONSULTANTS'S PLANS, SPECIFICATIONS, CONDITIONS OF DEVELOPMENT CONCEST AND CONSTRUCTION CERTIFICATE REQUIREMENTS. WHERE DISCREPANCIES ARE FOUND NASTASI & ASSOCIATES MUST BE CONTACTED IMMEDIATELY FOR
- WHERE THESE PLANS ARE NOTED FOR DEVELOPMENT APPLICATION PURPOSES ONLY, THEY SHALL NOT BE USED FOR OBTAINING A CONSTRUCTION CERTIFICATE NOR USED FOR CONSTRUCTION PURPOSES
- SUBSOIL DRAINAGE SHALL BE DESIGNED AND DETAILED BY THE STRUCTURAL ENGINEER SUBSOIL DRAINAGE SHALL NOT BE CONNECTED INTO THE STORMWATER SYSTEM IDENTIFIED ON THESE PLAN UNLESS APPROVED BY NASTASI & ASSOCIATES ENGINEERS.

STORMWATER CONSTRUCTION NOTES:

- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH AS/NZS 3500 (CURRENT EDITION) AND THE REQUIREMENTS OF THE LOCAL COUNCIL'S POLICIES AND CODES
- THE MINIMUM SIZE OF THE STORMWATER DRAINS SHALL NOT BE LESS THAN DN 90 FOR CLASS 1 BUILDINGS AND DN100 FOR OTHER CLASSES OF BUILDING OR AS REQUIRED BY REGULATORY AUTHORITY
- THE MINIMUM GRADIENT OF STORMWATER DRAINS SHALL BE 1%, UNLESS NOTED OTHERWISE
- COUNCIL'S TREE PRESERVATION ORDER IS TO BE STRICTLY ADHERED TO . NO TREES SHALL BE REMOVED UNTIL
- PUBLIC UTILITY SERVICES ARE TO BE ADJUSTED AS NECESSARY AT THE CLIENT'S EXPENSE
- ALL PITS TO BE BENCHED AND STREAMLINED. PROVIDE STEP IRONS FOR ALL PITS OVER 1.2m DEEP
- MAKE SMOOTH JUNCTION WITH ALL EXISTING WORK
- VEHICULAR ACCESS AND ALL SERVICES TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED
- SERVICES SHOWN ON THESE PLANS HAVE BEEN LOCATED FROM INFORMATION SUPPLED BY THE RELEVANT AUTHORITIES AND FIELD INVESTIGATIONS AND ARE NOT GUARANTEED COMPLETE NOR CORRECT. IT IS THE CLIENT & CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL PRIOR TO CONSTRUCTION
- 10. ANY VARIATION TO THE WORKS AS SHOWN ON THE APPROVED DRAWINGS ARE TO BE CONFIRMED BY NASTASI

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- RAINWATER SUPPLY PLUMBING TO BE CONNECTED TO OUTLETS WHERE REQUIRED BY BASIX CERTIFICATE (BY
- TOWN WATER CONNECTION TO RAINWATER TANK TO THE SATISFACTION OF THE REGULATORY AUTHORITY. THIS WAY REQUIRE PROVISION OF:
- 2.2. BACKFLOW PREVENTION DEVICE
- NO DIRECT CONNECTION BETWEEN TOWN WATER SUPPLY AND THE RAINWATER SUPPLY
- AN APPROVED STOP VALVE AND/OR PRESSURE LIMITING VALVE AT THE RAINWATER TANK
- PROVIDE AT LEAST ONE EXTERNAL HOSE COCK ON THE TOWN WATER SUPPLY FOR FIRE FIGHTING
- PROVIDE APPROPRIATE FLOAT VALVES AND/OR SOLENOID VALVES TO CONTROL TOWN WATER SUPPLY INLET TO TANK IN ORDER TO ACHIEVE THE TOP-UP INDICATED ON THE TYPICAL DETAIL
- ALL PLUMBING WORKS ARE TO BE CARRIED OUT BY LICENSED PLUMBERS IN ACCORDANCE WITH AS/NZS3500.1
- 8. PRESSURE PUMP ELECTRICAL CONNECTION TO BE CARRIED OUT BY A LICENSED ELECTRICIAN
- ONLY ROOF RUN-OFF IS TO BE DIRECTED TO THE RAINWATER TANK. SURFACE WATER INLETS ARE NOT BE CONNECTED
- PIPE MATERIALS FOR RAINWATER SUPPLY PLUMBING ARE TO BE APPROVED MATERIALS TO AS/NZE3500 PART 1 SECTION 2 AND TO BE CLEARLY AND PERMANENTLY IDENTIFIED AS "RAINWATER: THIS MAY BE ACHEVED FOR BELOW GROUND PPES LISING BENTIFICATION. TAPE (MADE IN ACCORDANCE WITH ASS648) OR FOR ABOVE FROUND PIPES BY USING ADHESIVE PIPE MARKERS (MAKE IN ACCORDANCE WITH ASS145)
- EVERY RAINWATER SUPPLY OUTLET POINT AND THE RAINWATER TANK ARE TO BE LABELED 'RAINWATER' ON A METALLIC SIGN IN ACCORDANCE WITH AS1316\9
- 12. ALL INLETS AND OUTLETS TO THE RAINWATER TANK ARE TO HAVE SUITABLE MEASURES PROVIDED TO

EROSION AND SEDIMENT NOTES:

- THESE THE PLANS SHALL BE READ IN CONJUCTION WITH EROSION AND SEDIMENT CONTROL DETAILS AS ATTACHED $\,$
- THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURE AS NECESSARY THE CONTRACTOR STALL IMPLEMENT ALL SOLE EROSION AND SEDIMENT CONTROL THE ASOME AS NELESSARY AND TO THE STISPACTION OF THE RELEVANT LOCAL AUTHORITY PROR TO THE COMMENCEMENT ANY DURING CONSTRUCTION. NO DISTURBANCE TO THE SITE SHALL BE PERMITTED OTHER THAN IN THE IMMEDIATE AREA OF THE WORKS AND NO MATERIAL SHALL BE REVOVED FROM THE SITE WITHOUT THE RELEVANT LOCAL AUTHORITY APPROVAL. ALL EROSION AND SEDMENT CONTROL DEVICES TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH STANDARDS OUTLINED IN NSW DEPARTMENT OF HOUSING'S "MANAGING URBAN STORMWATER – SOILS AND CONSTRUCTIONS"
- TOPSOIL SHALL BE STRIPPED AND STOCKPILED OUTSIDE HAZARD AREA SUCH AS DRAINAGE LINES. THIS TOPSOIL SHALL BE RESPREAD LATER ON AREAS TO BE REVEGETATED AND STABILIZED ONLY. TOPSOIL SHALL NOT BE RESPREAD ON ANY OTHER AREA UNLESS SPECIFICALLY INSTRUCTED BY THE SUPERINTENDENT. IF THEY ARE TO REMAIN LONGER THAN ONE MONTH STOCK PILES SHALL BE PROTECTED FROM EROSION BY COVERING THEM WITH A MULCH AND HYDROSSEDING AND, IF RECESSARY, BY LOCATING BANKS OR DRAINS DUWNSTREAM OF A STOCKPILE TO RETARD SILT LADEN RUNOFF
- THE CONTRACTOR SHALL REGIJI ARLY MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVE THE CONTINUE OF STREET ADDICARLY THAN BLEE CHASSIAN AND SUDMINIST VARIENCE THAN SUCH DEVELOPMENT OF THE CAPACITY IS LOST. ALL THE SILT IS TO BE PLACED OUTSIDE THE LIMIT OF WORKS. THE PERIOD FOR MAINTAINING THESE DEVICES SHALL BE AT LEAST JUIL ALL DISTSUBBED AREAS ARE REVEGETATED AND FURTHER AS MAY BE DIRECTED BY SUPERINTENDENT. OR COUNCIL
- VEHICULAR TRAFFIC SHALL BE CONTROLLED DURING CONSTRUCTION CONFINING ACCESS WHERE POSSIBLE TO
- THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL BY REGULAR WETTING DOWN DISTURBED AREA
- ALL DRAINAGE PIPE INLETS TO BE CAPPED UNTIL

 DOWNPIPES CONNECTED

 PITS CONSTRUCTED AND PROTECTED WITH SILT BARRIER

MINIMUM PIPE COVER NOTES:

<u>LOCATION</u>	MINIMUM COVER				
NO SUBJECT TO VEHICLE LOADING	100mm SINGLE RESIDENTIAL				
SUBJECT TO VEHICLE LOADING	450mm WHERE NOT IN A ROAD				
UNDER A SEALED ROAD	600mm				
UNSEALED ROAD	750mm				
PAVED DRIVEWAY	100mm PLUS DEPTH OF CONCRETE				

SEE AS2032 INSTALLATION OF UPVC PIPES FOR FURTHER INFORMATION.

CONCRETE PIPE COVER SHALL BE IN ACCORDANCE WITH AS3725-1989 LOADS ON BURIED CONCRETE PIPES, HOWEVER A MINIMUM COVER OF 450mm WILL APPLY.

WHERE INSUFFICIENT COVER IS PROVIDED, THE PIPE SHALL BE COVERED AT LEAST 50mm THICK OVERLAY AND SHALL

- PAYED WITH AT LEAST:

 150 mm RENFORCED CONCRETE WHERE SUBJECT TO HEAVY VEHICLE TRAFFIC

 15mm THICKNESS OF BRICK OR 100mm OF CONCRETE PAYING WHERE SUBJECT TO LIGHT VEHICLE TRAFFIC; OR

 50mm THICK BRICK OR CONCRETE PAYING WHERE NOT SUBJECT TO VEHICLE TRAFFIC

SURFACE STORMWATER PIT NOTES:

PIT DEPTH (mm)	MINIMUM PIT SIZE (mm)					
UP TO 600 mm	450 x 450					
FROM 600mm TO LESS THAN 900mm	600 x 600					
FROM 900mm	900 x 900					

ALL BASEMENT PIT TO BE FITTED WITH HEAVY DUTY CLASS C GRATE & FRAME

	LLOLIND						
		DENOTES BELOW GROUND ON-SITE					
	+ + + + + + + + + + + + + + + + + + +	DETENTION TANK DENOTES ON-SITE DETENTION BASIN					
	。 DP	DENOTES Ø150 DOWNPIPE (U.N.O)					
	o IP	DENOTES INSPECTION OPENING WITH SCREW DOWN LID AT FINISHED SURFACE LEVEL DENOTED PLANTER BOX DRAINS					
	● PB						
	● FD	DENOTED FLOOR DRAINS					
	© \	DENOTED CLEANING EYE					
		STORMWATER PIT - SOLID COVER					
		STORMWATER PIT - GRATED INLET					
		DENOTES GRATED DRAIN					
	<u> </u>	DENOTES ABSORPTION TRENCH DENOTES NON RETURN VALVE DENOTES OVERLAND FLOW PATH INVERT LEVEL					
	И						
	>>>>						
	IL						
	TK	TOP OF KERB					
-	RL	REDUCED LEVEL/SURFACE LEVEL					
	RL 17.09 +	PROPOSED FINISH SURFACE LEVEL					
	100	DENOTED Ø100mm PVC (SEWER GRADE) @1% MIN. FALL U.N.O DENOTED Ø150mm PVC (SEWER GRADE) @1% MIN. FALL U.N.O					
	150						
	225	DENOTED Ø100mm PVC (SEWER GRADE) @0.5% MIN. FALL U.N.O					
	— G —	DENOTE AGG PIPE					
		DENOTE RAINWATER TANK					

LEGEND

SCHEDULE OF DR	<u>AWING</u>
DESCRIPTION	SHEET NUMBER
COVER SHEET & NOTES	C1
DRAINAGE PLANS	C2
DESIGN SUMMARY & DETAILS	G
STORMWATER DETAILS	C 4

LOCATION MAP





ISSUE FOR APPROVAL

<u> </u>														JAC 100 310
,		REFERENCE COORDINATION DRAWING DISCIPLINE DRAWING TITLE AND NUMBER DATE REV. DRAWING TITLE AND NUMBER DATE REV.				GENERAL NOTES :		QUALIT	Y CONTROL	APPROVED:	CLIENT: ANDREW & MONICA CROLL	ADDRESS: 19 MOORE STREET, CLONTARF	DRAWING STATUS	
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