CONSENT ORDER NO. 2019/342348

PROPOSED DEVELOPMENT

THESE PLANS WERE APPROVED BY THE 7 RICHARDSON STREET, MERRYLANDS LAND AND ENVIRONMENT COURT UNDER STORMWATER MANAGEMENT PLANS

DATED 19/03/2021

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 ACHIEVED FOR BELOW GROUND PIPES USING IDENTIFICATION. TAPE (MADE IN ACCORDANCE WITH AS2648) OR FOR ABOVE FROUND PIPES BY USING ADHESIVE PIPE MARKERS (MAKE IN ACCORDANCE WITH AS1345)
- 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:

- EROSION AND SEDIMENT CONTROL DETAILS AS
- THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURE AS NECESSARY THE CURTINAL INFORMATION PRECEDURI ALL DIE ROSIDA AND SEQUENCY LOVING TO THE READORE AS RECESSANT AND TO THE SATISFACTION OF THE RELEVANT LOCAL AUTHORITY PROR TO THE COMPRENENT AND POINTS CONSTRUCTION NO DISTURBANCE TO THE SITE SHALL BE PERMITTED OTHER THAN IN THE IMMEDIATE AREA OF THE WORKS AND NO MATERIAL SHALL BE REMOVED FROM THE SITE WITHOUT THE RELEVANT LOCAL AUTHORITY APPROVAL ALL PROSIDON AND SEDIMENT LOWING DIE WISTALLED SE INSTALLED AND MAINTAINED IN ACCORDANCE WITH STANDARDS OUTLINED IN NSW DEPARTMENT OF HOUSING'S "MANAGING URBAN STORMMATER - 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 SUPERITITEMENT. 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 REGULARLY MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVE THE CONTINUENT OF STREET ADDICARLY THROW HE CHOSON OF THEM SOUTH OF THEM CAPACITY IS LOST. ALL THE SLIT IS TO BE PLACED OUTSIOE THE LIMIT OF WORKS. THE PERIOD FOR MAINTAINING THESE DEVICES SHALL BE AT LEAST UNIT, LLA LORST URBED AREAS ARE REVEGET ATED 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 0		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

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

- 150 mm REINFORCED CONCRETE WHERE SUBJECT TO HEAVY VEHICLE TRAFFIC
- I JOB MINISTRATION CONTROLLE WITCH, SUDDELLE IN TEATH VERHILLE HAPPIN.

 "Them Thickness of Perick or Holomo FF CONCRETE PAVING WHERE SUBJECT TO LIGHT VEHICLE TRAFFIC; OR

 50mm THICK BRICK OR CONCRETE PAVING 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

<u>LEGEND</u>			
	DENOTES BELOW GROUND ON-SITE DETENTION TANK		
+ + + + + + + + + + + + + + + + + + +	DENOTES ON-SITE DETENTION BASIN		
oDP	DENOTES Ø100 DOWNPIPE (U.N.O)		
olP	DENOTES INSPECTION OPENING WITH SCREW DOWN LID AT FINISHED SURFACE LEVEL		
● PB	DENOTED PLANTER BOX DRAINS		
⊜ ^{FD}	DENOTED FLOOR DRAINS		
©	DENOTED CLEANING EYE		
	STORMWATER PIT - SOLID COVER		
	STORMWATER PIT - GRATED INLET		
	DENOTES GRATED DRAIN		
И	DENOTES NON RETURN VALVE		
>>>>	DENOTES OVERLAND FLOW PATH		
IL	INVERT LEVEL		
ТК	TOP OF KERB		
RL	REDUCED LEVEL/SURFACE LEVEL		
	ELEVATED/OPEN STYLE FENCE		
	CONCRETE SWALE		
RL 17.09 +	PROPOSED FINISH SURFACE LEVEL		
10 <u>0</u>	DENOTED Ø100mm PVC (SEWER GRADE) @1% MIN. FALL U.N.O		
150	DENOTED Ø150mm PVC (SEWER GRADE) @1% MIN. FALL U.N.O		
225	DENOTED Ø100mm PVC (SEWER GRADE) @0.5% MIN. FALL U.N.O		
— 6 —	DENOTE AGG PIPE		
	DENOTE RAINWATER TANK		

LEGEND

SCHEDULE OF DRAWING	
DESCRIPTION	SHEET NUMBER
COVER SHEET & NOTES	C1
BASEMENT DRAINAGE PLAN	C2
BASEMENT RAMP PLAN	C2-1
BASEMENT RAMP SECTIONS	C2-2
DRAINAGE PLAN	(3
100 YEAR FLOOD ZONE - POST DEVELOPMENT AND PROPOSED SPOT LEVELS	C3-1
PROPOSED PIPE LINE LONGITUDINAL SECTION	C3-2
OSD CATCHEMENT PLAN	C4
STORMWATER DETAILS	C5
OSD PLAN & DETAILS	C6
STORMWATER DETAILS	C7
SEDIMENT CONTROL PLAN	(8)

LOCATION MAP





REVISION NO

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ISSUE FOR APPROVAL

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DRESS:	DRAWING STATUS	ĺ
5 & 7 RICHARDSON STREET, MERRYLANDS	CONCEPT PLAN FOR APPROVAL	
E:	SCALE (AT ORIGINAL SIZE) AS NOTED	

			REFERENCE COORDINATION DRAWING									
Н	UPDATED TO LATEST'S ARCHITECTURAL PLAN	09.02.2021						_			_	_
G	UPDATED AS PER COUNCIL'S COMMENT	03.02.2021	DISCIPLINE	DRAWING TITLE AND NUMBER	DATE	REV.		DRAWING	TITLE .	and numb	:R DATE	. RE
F	UPDATED AS PER COUNCIL'S MEETING	27.05.2020	ARCH.				FIRE					I
E	UPDATED AS PER COUNCIL LETTER 01.04.2020	08.04.2020					LANDS	_			\perp	╄
D	UPDATED ARCHITECTURAL PLAN	26.08.2019	MECH.				CIVIL	_			+	⊬

THIS DRAWING IS THE COPPRICHT OF INSTASI & ASSOCIATES CONSULTING DEVIAL & STRUCTURAL ENRICERES, Unit 5,1-3 Whyello Place, Prestons, 2170.

19 Des 6044, Hommondelle, Nike, 2170.

19 Des 7044, Hommondelle, Nike, 19 Des 704, CONSULTANT'S AUTHORITY.

DO NOT SCALE THIS DRAWING, ONLY STATED DIMENSIONS ARE TO BE



DESIGNED	DATE	
MD	09.02.2021	1
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CHECKED	DATE	S. NASTASI
		B.E, M.I.E, CpEng, I



22 660	ADDI	ess: &7 RICHARDSON STREET, MERRYLANDS	CONCEP	T PLAN
	TITLE	:	SCALE (AT ORIGIN	AL SIZE)
		COVER SHEET & NOTES		DRAWING C1

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