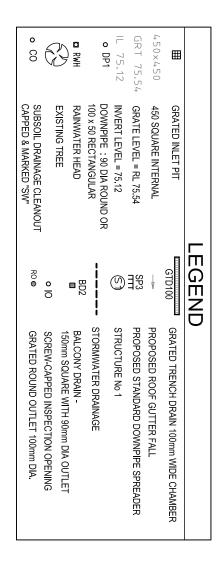
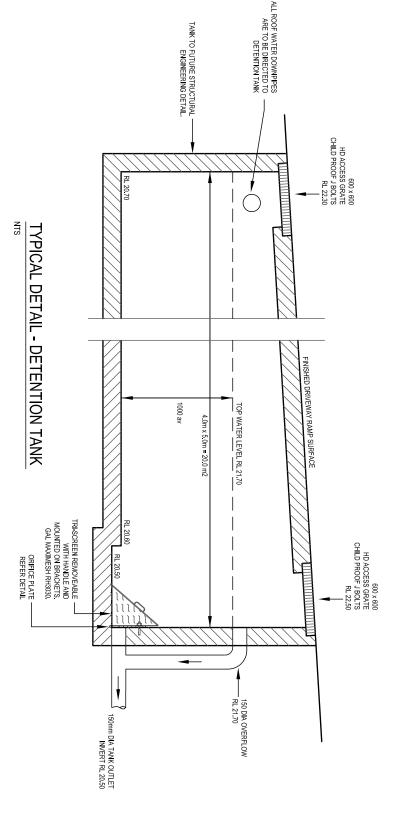
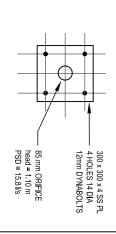
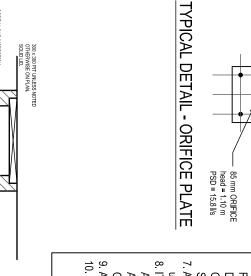
Lot 2, No 964 - 970 VICTORIA ROAD, WEST RYDE PROPOSED BOARDING HOUSE DEVELOPMENT CONCEPT STORMWATER MANAGEMENT PLAN

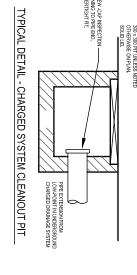


RYDE COUNCIL ON-SITE DETENTION CALCULATIONS	NS
CATCHMENT ZONE	ZONE 2 597
65% SITE AREA	
MIPERVIOUS AREA DRAINING TO STORAGE FACILITY (m2)	597 (C) 0 (D) 597 (E)
[(C) + (G)] / (C)(597+0)/597 = 1.0	(597+0)/597 = 1.0 (L)
PSD = 0.0265 I/sec/m2 (ZONE 2) PERMITTED SITE DISCHARGE (L/s)(0.0265 x L^-1.37x(E))	. 15.8
STORAGE VOLUME PER m2 (ZONE 2)(E)+(G)) x (K) x 1.2 (if basin)	0.0255 (K) 15.2
OUTLET CONTROL21.9x(PSD/head0.5)0.5;	95mm (head = 1.10m)









GENERAL NOTES

- DETERMINED BY BUILDER/ARCHITECT AT TIME OF CONSTRUCTION.

 2. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND OTHER CONSULTANTS DRAWINGS.

 ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH WORK.

 3. ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH AS/NZS 3500.3:2003 STORMWATER DRAINAGE, BCA AND LOCAL COUNCIL POLICY/CONSENT/REQUIREMENTS.

 4. ALL DIMENSIONS AND LEVELS TO BE VERIFIED BY BUILDER ON-SITE PRIOR TO COMMENCEMENT OF WORKS.

 THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS
- NOR TO BE USED FOR SETOUT PURPOSES.

 5. ALL SURVEY INFORMATION AND PROPOSED BUILDING AND FINISHED SURFACE LEVELS SHOWN IN THESE DRAWINGS ARE BASED ON LEVELS OBTAINED FROM DRAWINGS BY OTHERS.

 6. THESE DRAWINGS DEPICT THE DESIGN OF SURFACE STORMWATER URVEY INFORMATION AND PROPOSED BUILDING AND FINISHED
- RUNOFF DRAINAGE SYSTEMS ONLY AND DO NOT DEPICT ROOF DRAINAGE OR SUBSOIL DRAINAGE SYSTEMS UNLESS NOTED OTHERWISE. THE DESIGN OF ROOF AND SUBSOIL DRAINAGE SYSTEMS IS THE RESPONSIBILITY OF OTHERS.

 7. ALL STORMWATER DRAINAGE PIPES ARE TO BE 100mm DIAMETE UPVC AT MINIMUM 1% GRADE UNLESS NOTED OTHERWISE.

 8. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE AND LEVE.
 - TORMWATER DRAINAGE PIPES ARE TO BE 100mm DIAMETER AT MINIMUM 1% GRADE UNLESS NOTED OTHERWISE.
- ALL EXISTING SERVICES OR OTHER STRUCTURES WHICH MAY AFFECT/BE AFFECTED BY THIS DESIGN PRIOR TO COMMENCEMENT OF WORKS.

 9. ALL PITS WITHIN DRIVEWAYS TO BE 150mm THICK CONCRETE OR EC 10. THIS PLAN IS THE PROPERTY OF STORMCIVIL THE CONTRACTORS RESPONSIBILITY TO LOCATE AND LEVEL XISTING SERVICES OR OTHER STRUCTURES WHICH MAY
- ITS WITHIN DRIVEWAYS TO BE 150mm THICK CONCRETE OR EQUAL
- MISSION FROM STORMCIVIL MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN

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	AND IS NOT FOR CONSTRUCTION	
	DEVELOPMENT APPLICATION ONLY	
	THIS DRAWING IS FOR	
	NOTE	

(FROM FINISHED SURFACE TO TOP OF PIPE)	TOP OF PIPE)	
NOITAOL	MINIMUM COVER (mm)	R (mm)
	CAST/DUCTILE IRON	OTHER AUTHORISED
1. NOT SUBJECT TO VEHICULAR LOADING:		PRODUCTS()
A. WITHOUT PAVEMENT:		
I. FOR SINGLE DWELLINGS -	0	100
II. OTHER THAN SINGLE DWELLINGS -	0	300
B. WITH PAVEMENT OF	0 (44)	FO (44)
		-
 SUBJECT TO VEHICULAR LOADING: A. OTHER THAN ROADS: 		
I. WITHOUT PAVEMENT -	300	450
II. WITH PAVEMENT OF:		
- REINF. CONC. FOR HEAVY VEHICLES -	0 (**#)	100 (** #) 75 (** #)
B. ROADS		
I. SEALED	300	500 (#)
II. UNSEALED	300	500 (#)
3. SUBJECT TO CONSTRUCTION VEHICLES OR		
IN EMBANKMENT CONDITIONS	300	500 (#)
(*) INCLUDES OVERLAY ABOVE THE TOP OF THE PIPE OF NOT LESS THAN 50mm THICK	IPE OF NOT LESS THA	4N 50mm THICK
(#) SUBJECT TO COMPLIANCE WITH AS1762, AS2033, AS/NZS 2566.1, AS3725 OR AS 4060	33, AS/NZS 2566,1, AS	3725 OR AS 4060

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CLIENT	PETER HALL ARCHITECTS	ARCHITECT
	RCHITECTS	ARCH. REF: 4281

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DWG TITLE PROJECT TITLE CALCULATIONS, LEGEND, NOTES,

PROPOSED AFFORDABLE RENTAL HOUSING DEVEL Lot 2, No 964-970 VICTORIA ROAD, WEST RYDE OPMEN1

, DE1

ALLS

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201221	JOB No	Storm)
2	DWG No	nCivi)
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