



- DRAINAGE NOTES:
UNLESS SHOWN OTHERWISE
1. ALL CO-ORDINATES ARE IN TERMS OF NZGD 2000 – WELLINGTON CIRCUIT
 2. ALL SEWER MAINS ARE TO BE 160mm OD SDR17 FROM HDPE (PE100).
 3. ALL SEWER LATERALS ARE TO BE 100mm dia. uPVC SN16 (RRJ)
 4. FOR DETAILS OF SEWER PIPES, GRADES & LEVELS, SEE DRAINAGE LONG SECTION PLANS
 5. CARE IS TO BE TAKEN WITH LEVELS OF SEWER LINES. GRADES ARE NOT TO BE REDUCED WITHOUT APPROVAL.
 6. ALL MANHOLES ARE TO BE CONCRETE 1050mm, UNLESS OTHERWISE SPECIFIED.
 7. MANHOLE LIDS SHALL BE CONSTRUCTED TO FOLLOW THE SLOPE OF BATTERS/SWALES.
 8. THE EXISTING SEWER LATERAL TO 68 EXPLORATION WAY IS TO BE CAPPED ADJACENT TO THE EXISTING MAIN AND MADE GOOD TO PCC REQUIREMENTS ONCE OBSOLETE.
 9. REFER P1.ENG045 "DANGER Existing services"
 10. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE REGIONAL STANDARD FOR WATER SERVICES (DEC 2012) AND THE REGIONAL SPECIFICATION FOR WATER SERVICES (DEC 2015).
- REVISION 0:
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- ORIGINAL PLAN DATED 2016-09-16 APPROVED FOR PURPOSES OF EARLY INSTALLATION OF DIRECTIONAL DRILLING SEWER UNDER GWRC WATER PIPELINES.
- REVISION 1
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- REDRAWN TO REFLECT SUCCESSFUL INSTALLATION OF SSMH.A2 AND SSMH.A3 AND SEWER COMPLETED UNDER GWRC PIPELINES.
OTHER CHANGES INCLUDE CORRECTION FOR AS BUILT ROW EARTHWORKS AND CHANGES SUGGESTED BY ENGINEER.

Progeni Ltd 68 Exploration Way, Porirua 5024 Ph 64 022 0819600	Client: Progeni Ltd		Fieldwork: -	-	Scale:1:250 at A1; 1:500 at A3
	Project: Exploration Heights		Designed: Harpham(Progeni)	03/15	ID: P1.ENG010A Rev: 1
	Title: Sewer layout North		Drawn: Harpham(Progeni)	08/17	Issued by: David Harpham
			Checked: O'CALLAGHAN	09/17	Date: 2017-10-30