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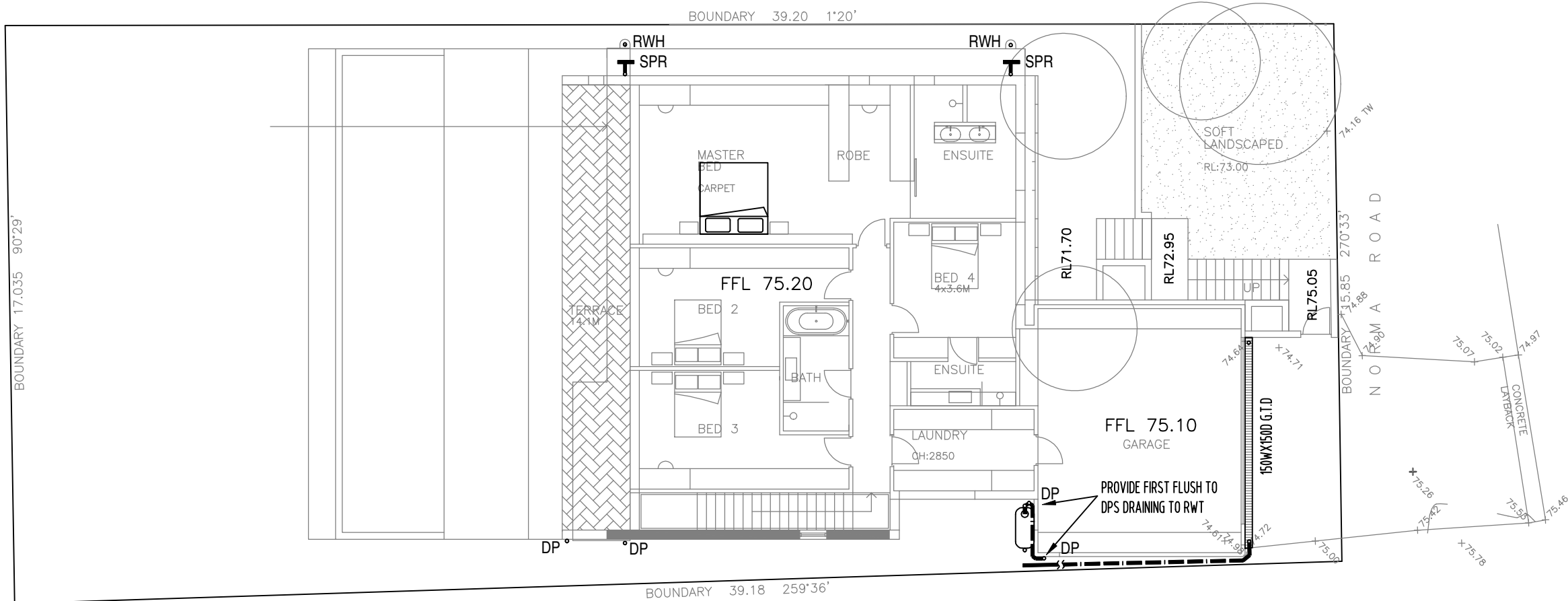
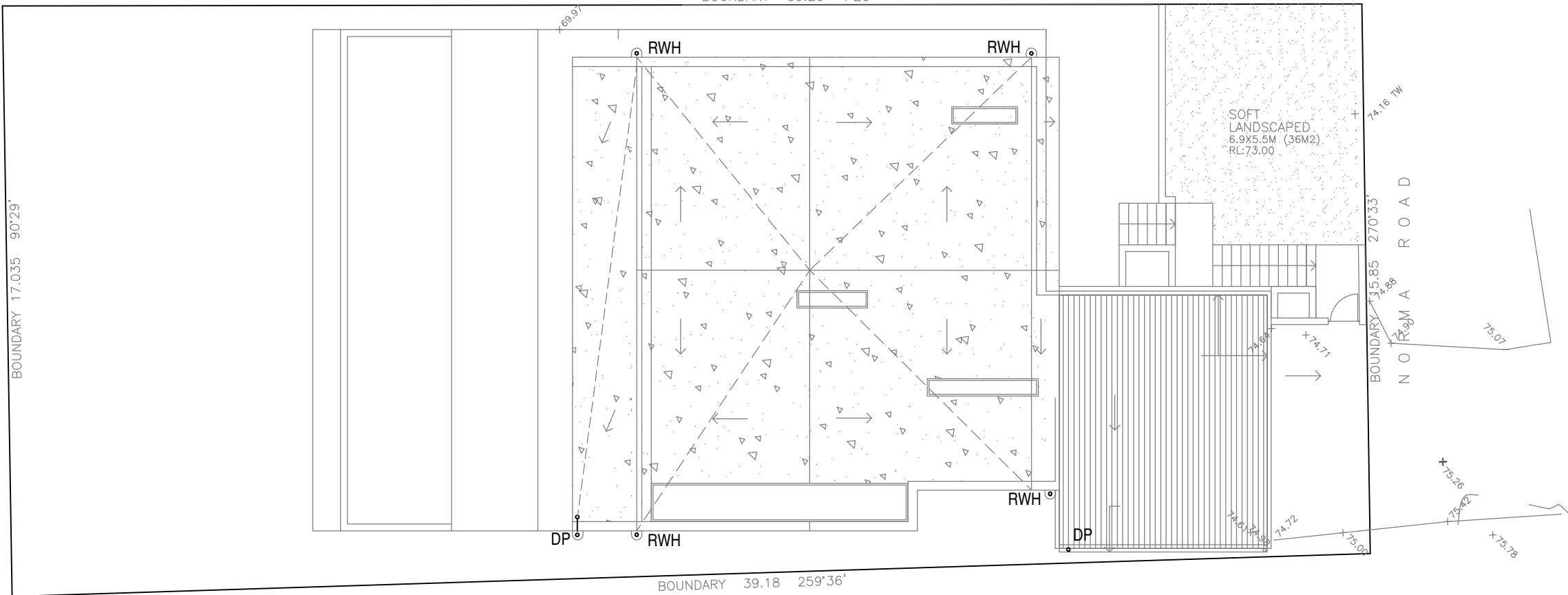
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STORMWATER NOTES

1. ALL PIPES AND WORKMANSHIP ARE TO BE SOLVENT WELDED AND INSTALLED IN ACCORDANCE WITH RELEVANT PARTS OF AS/NZS 3500.
2. ALL PIPES ARE MIN 100mm DIA U.N.O LAID AT MIN. 1% GRADE
3. ALL DOWN PIPES SHALL BE 100mm DIA SOLVENT WELDED
4. EAVE GUTTERS SHALL HAVE MIN CROSS-SECT AREA 8500mm<sup>2</sup>. BOX MIN 350WX200D
5. PLUMBER MUST INVESTIGATE ALL UNDERGROUND SERVICES LOCATIONS AND LEVELS BY CONTACTING "DIAL BEFORE YOU DIG" PRIOR TO WORKS COMMENCING. ANY CONFLICT OR DISCREPENCIES WITH DESIGN, THE ENGINEER SHALL BE CONSULTED FOR RESOLUTION.
6. THE LOCATION OF PIPELINE AND D.P SHOWN ARE NOT RESTRICTIVE. THEY CAN BE VARIED TO SUIT SITE CONDITIONS AS LONG AS THE TOTAL AREA DRAINING TO EACH PIPE/D.P REMAINS ESSENTIALLY THE SAME AND MINIMUM GRADIENT IS MAINTAINED.
7. THE DESIGN COVERS THE COLLECTION & DISPOSAL OF SURFACE WATER ONLY. CONSULT OTHER PROFESSIONALS FOR THE COLLECTION & DISPOSAL OF SEEPAGE & SUBSURFACE WATER FLOWS WHERE REQUIRED FOLLOWING DETAILED SITE INVESTIGATION.
8. ALL GUTTERS AND ROOF FLASHING INSTALLATION SHALL BE IN ACCORDANCE WITH RELEVANT SECTIONS OF AS3500.3 REGARDING OVERFLOW PROTECTION.

RAIN WATER TANKS

1. ONLY ROOF RUNOFF IS TO BE DIRECTED TO RAINWATER TANK
2. SYDNEY WATER SUPPLY TO TOP UP TANKS SHALL BE INSTALLED TO SYDNEY WATER REQUIREMENTS.
3. CONNECTION FOR INTERNAL REUSE SHALL BE AS PER D.A CONSENT OR BASIX REQUIREMENTS.
4. ALL RAINWATER TANKS AND ASSOCIATED PIPE WORKS ARE TO BE LABEL LED NON-POTABLE - NOT FOR DRINKING.
5. PROVIDE A PROPRIETOR CONTROLLER BOX TO REGULATE WATER SUPPLY FROM RAINWATER TANKS FOR INTERNAL REUSE.
6. PROVIDE LEAF GUARD TO ALL GUTTERS & MOSQUITOES NETTING TO R/W TANKS INLET, WITH APPROPRIATE AIR GAP.
7. RAINWATER TANK INSTALLATION & THEIR ASSOCIATED FITTINGS & FIXTURES SHALL COMPLY WITH RELEVANT SECTIONS OF AS/NZS 2179-1994 & AS 2180-1986.

Rev	Description	Eng	Draft	Date
A	FOR D.A SUBMISSION	MN	MN	16.1.23

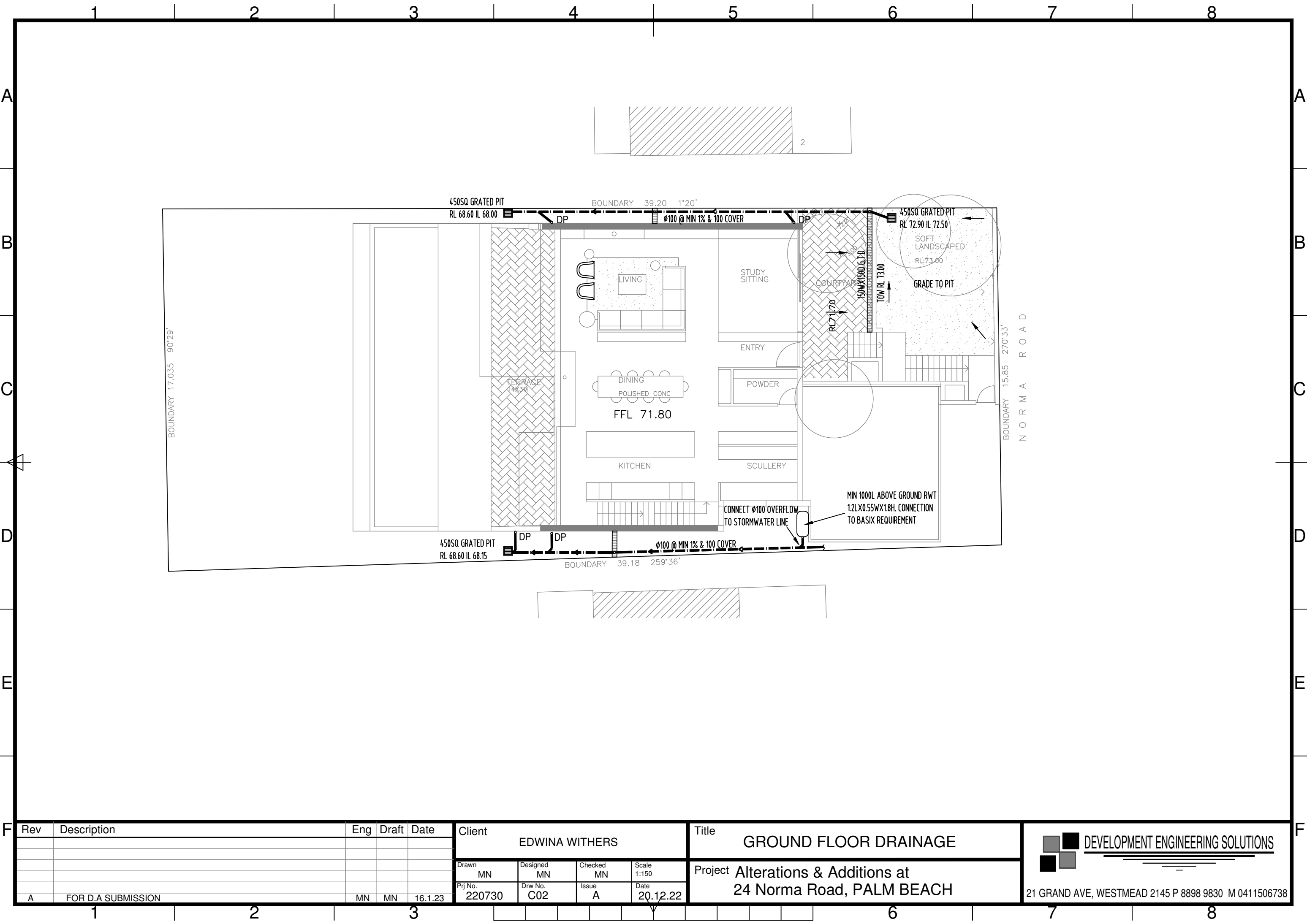
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EDWINA WITHERS			
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MN	MN	MN	1:150
Prj No.	Drw No.	Issue	Date
220730	C01	A	20.12.22

Title	
ROOF & UPPER LEVEL DRAINAGE	
Project	
Alterations & Additions at 24 Norma Road, PALM BEACH	



DEVELOPMENT ENGINEERING SOLUTIONS

21 GRAND AVE, WESTMEAD 2145 P 8898 9830 M 0411506738



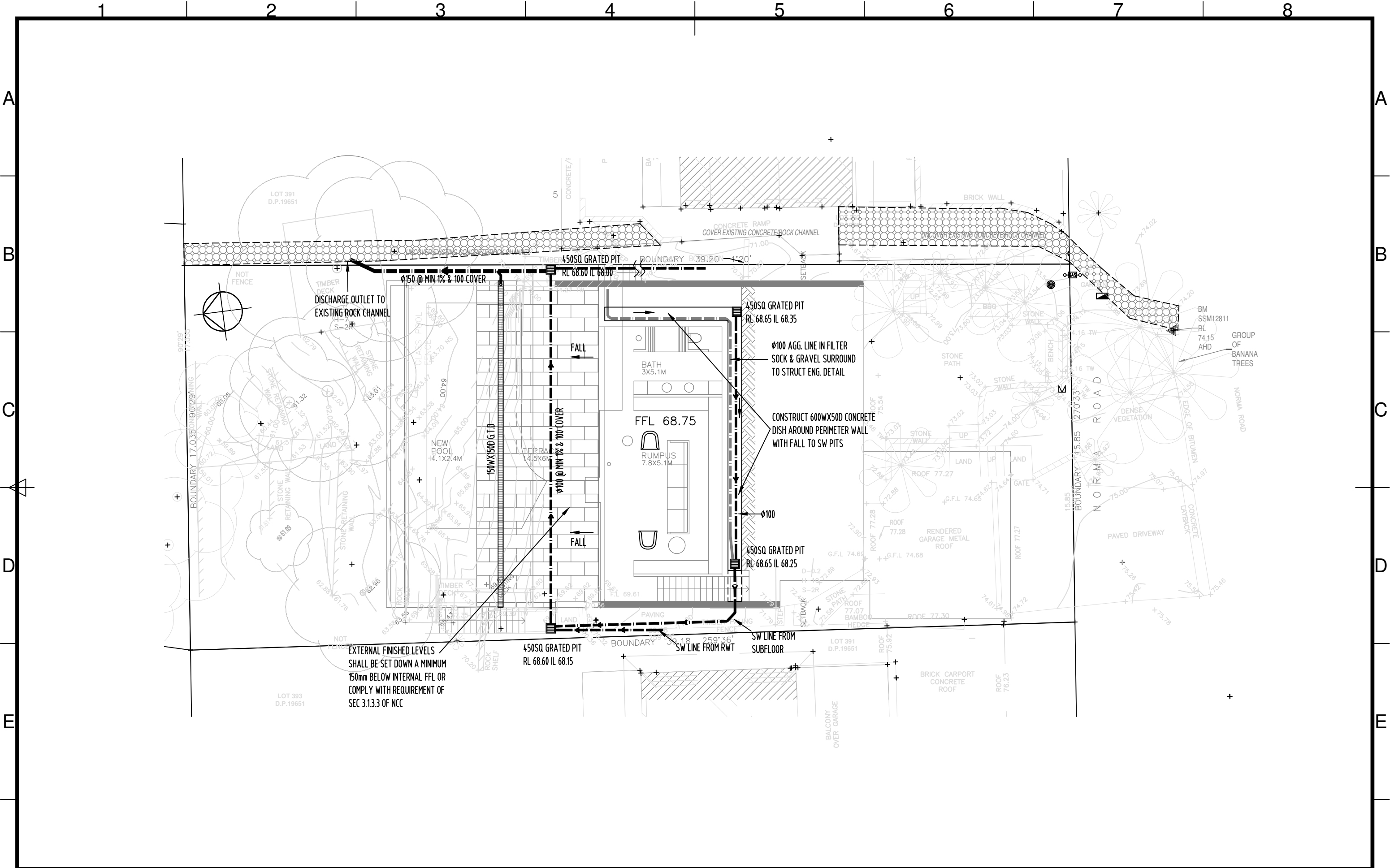
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A	FOR D.A SUBMISSION	MN	MN	16.1.23

Client EDWINA WITHERS			
Drawn MN	Designed MN	Checked MN	Scale 1:150
Prj No. 220730	Drw No. C02	Issue A	Date 20.12.22

Title GROUND FLOOR DRAINAGE
Project Alterations & Additions at 24 Norma Road, PALM BEACH

DEVELOPMENT ENGINEERING SOLUTIONS

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						EDWINA WITHERS				LOWER GROUND STORMWATER							
						Drawn	Designed	Checked	Scale	Project Alterations & Additions at 24 Norma Road, PALM BEACH							
						MN	MN	MN	1:150								
	A	FOR D.A SUBMISSION	MN	MN	16.1.23	Prj No.	Drw No.	Issue	Date								
					220730	C03	A	20.12.22									