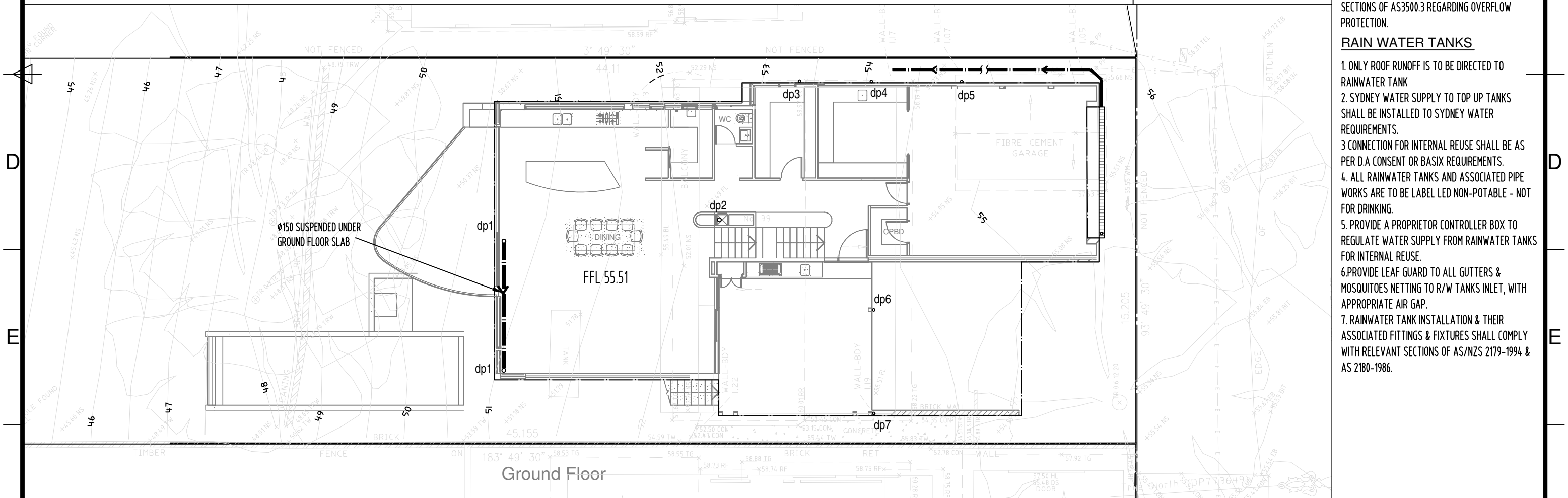


Roof Plan



Ground Floor

- 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 8500mm². 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 DISCREPANCIES 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.
 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.

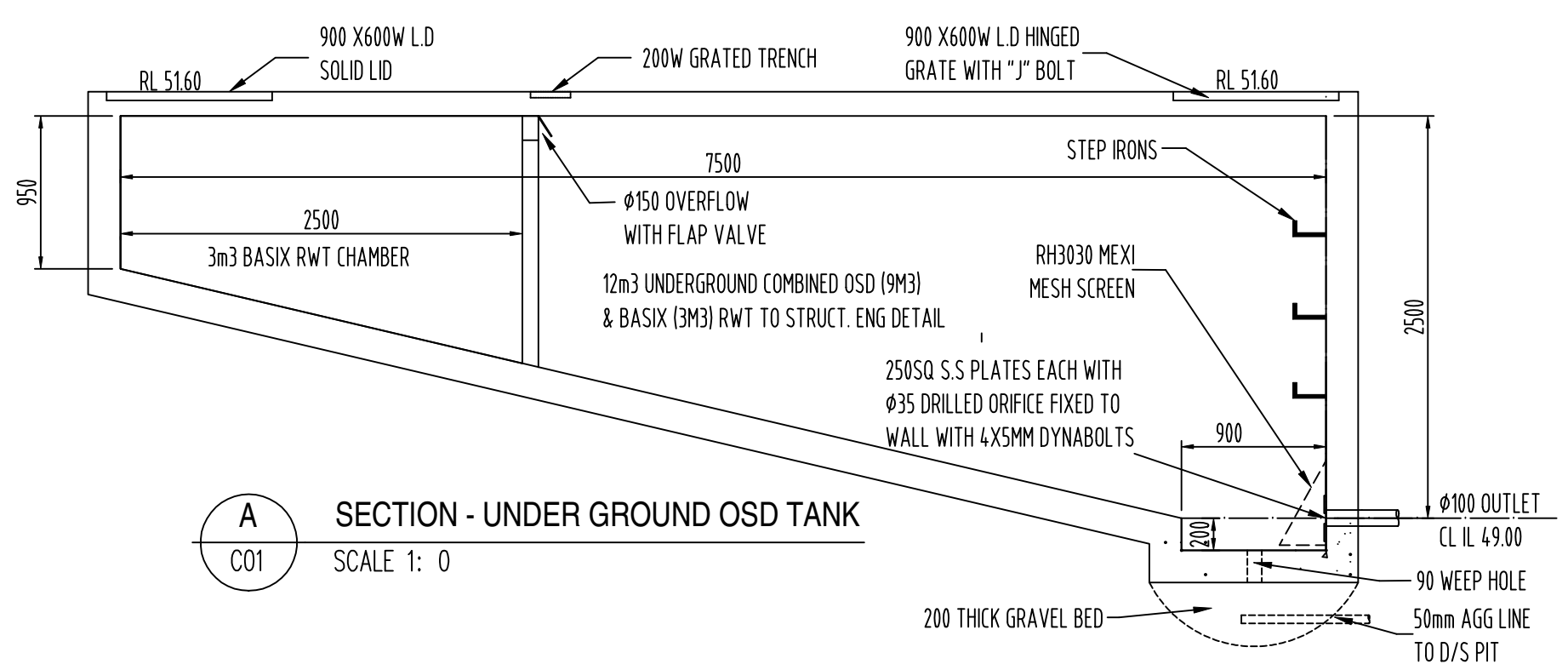
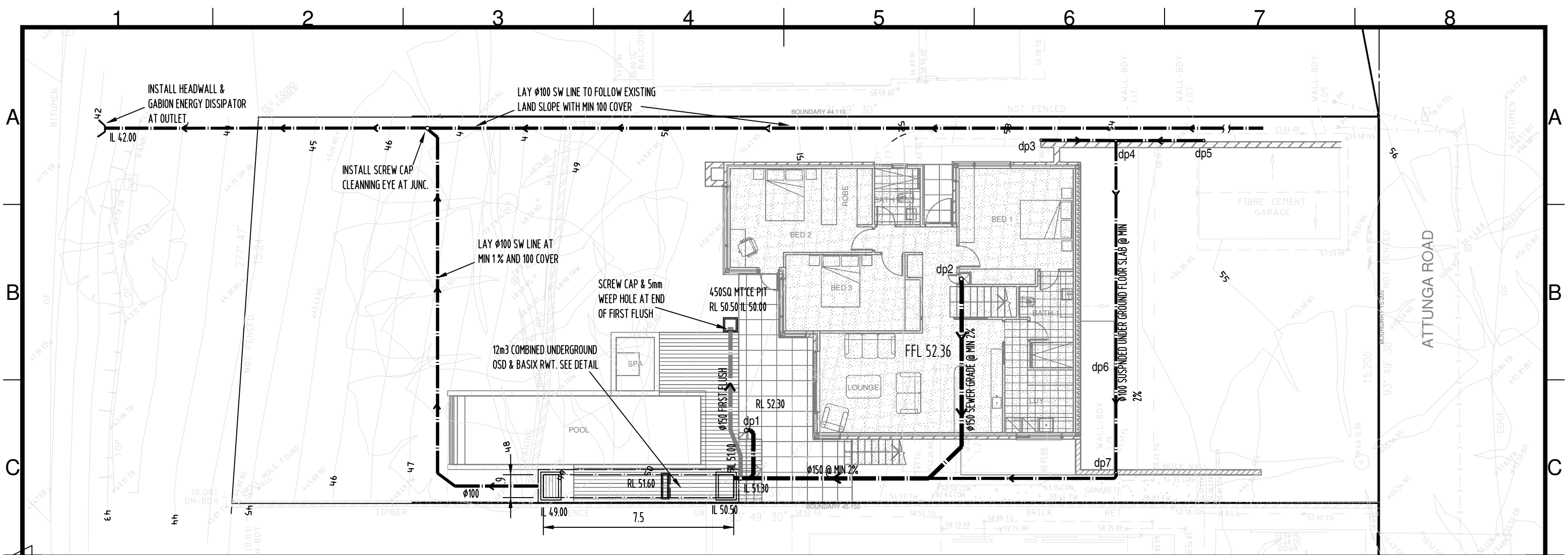
Rev	Description	Eng	Draft	Date
A	FOR D.A SUBMISSION	MN	MN	16.4.21

Client Cutting Edge Building P/L			
Drawn MN	Designed MN	Checked MN	Scale 1:100
Prj No. 201201	Drw No. C01	Issue A	Date 30.2.21

Title ROOF & GROUND FLOOR STORMWATER
Project New Residence at 39 ATTUNGA ROAD, NEWPORT

DEVELOPMENT ENGINEERING SOLUTIONS

21 GRAND AVE, WESTMEAD 2145 P 8898 9830 M 0411506738



OSD CALCULATIONS
 EXISTING SITE IMPERVIOUS = 170m²
 PROPOSED IMPERVIOUS = 300m²
 INCREASE IN IMPERVIOUS = 130m²
 FROM TABLE 7, FOR NORTHERN CATCHMENT OSD REQUIRED IS 9m³ STORAGE & PSD = 4L/S

A
 C01 SECTION - UNDER GROUND OSD TANK
 SCALE 1: 0

Rev	Description	Eng	Draft	Date	Client	Title
					Cutting Edge Building P/L	LOWER GROUND FLOOR STORMWATER
					Drawn MN	Designed MN
					Checked MN	Scale 1:150
					Issue A	Date 30.2.21
					Proj No. 201201	Drw No. C02
					Project New Residence at 39 ATTUNGA ROAD, NEWPORT	
A	FOR D.A SUBMISSION	MN	MN	16.4.21		

DEVELOPMENT ENGINEERING SOLUTIONS
 21 GRAND AVE, WESTMEAD 2145 P 8898 9830 M 0411506738