

<u>AREAS SCHEDULE</u>			
<u>SITE DETAILS</u>			
LOT NUMBER:			10.
DWELLING NUMBER:			39
DP NUMBER:			1206507
SITE AREA:			407.30m ²
<u>DWELLING AREAS</u>			
GROUND FLOOR LIVING:			117.79m ²
FIRST FLOOR LIVING:			140.68m ²
GARAGE:			39.05m ²
PORCH:			4.37m ²
OUTDOOR LEISURE:			16.08m ²
TOTAL			317.97m ²
TOTAL SQUARES:			34.2
<u>SITE COVERAGE:</u>			
PROPOSED:			156.84m ² 38.5%
<u>LANDSCAPE RATIO:</u>			
REQUIRED (min.):			183.29m ² 45%
PROPOSED:			184m ² 45.1%
<u>PRIVATE OPEN SPACE:</u>			
REQUIRED (min.):			60m ²
PROPOSED:			150m ²
PPOS:			24m ²

STORMWATER DRAINAGE TO EASEMENT
ANY RETAINING WALLS REQUIRED TO BE
COMPLETED BY OWNERS TO
MANUFACTURERS SPECIFICATIONS.

**SUBJECT LOT IS NOT
REGISTERED WITH NSW LAND
REGISTRY SERVICES**

MAXIMUM

KERB RL: 15.09

BDRY RL: 15.15

1%

4%

4.010

2.000

1.500

2.000

9.510

DRIVEWAY LENGTH

12.5%
250

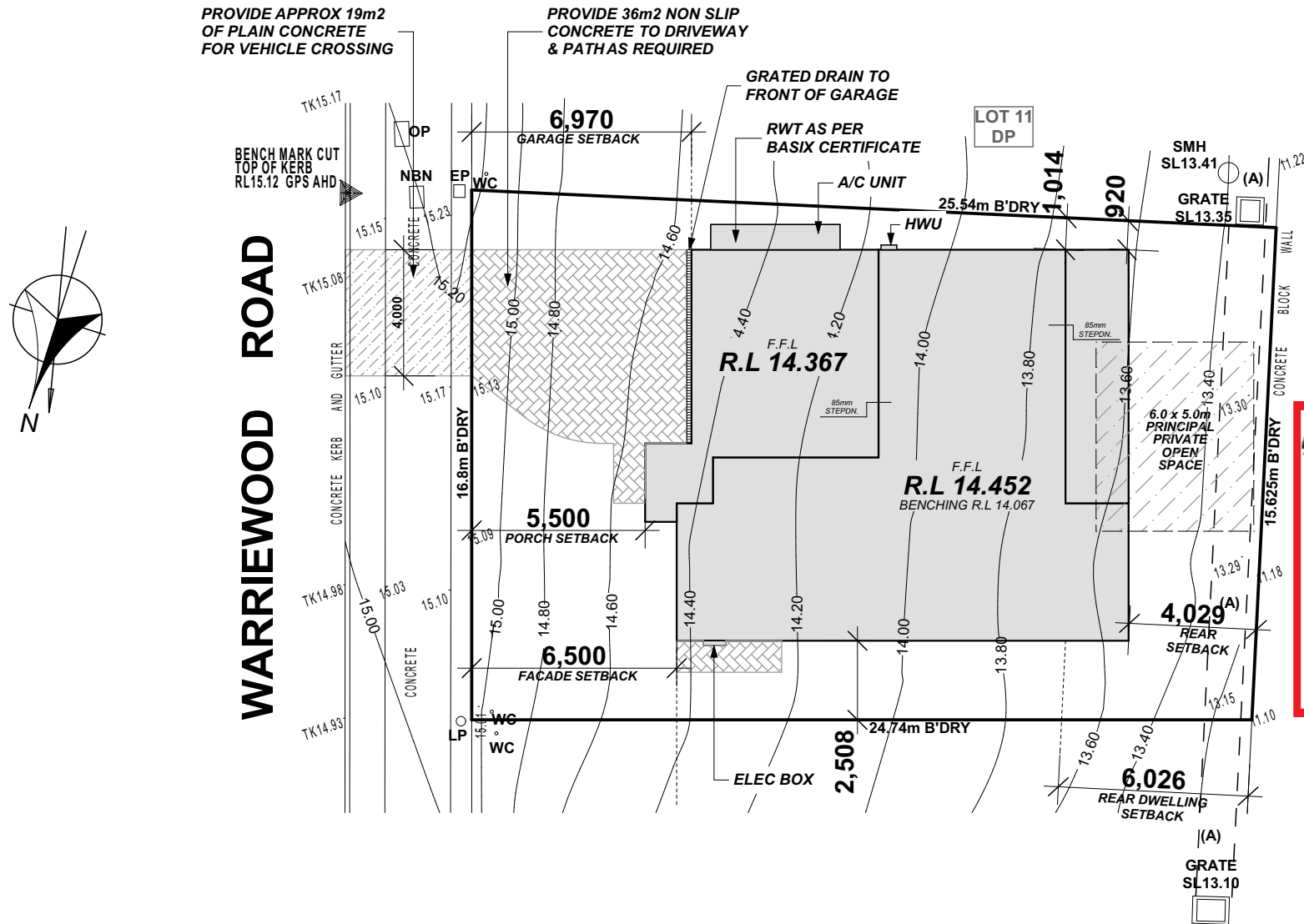
18.8%
283

12.5%
250

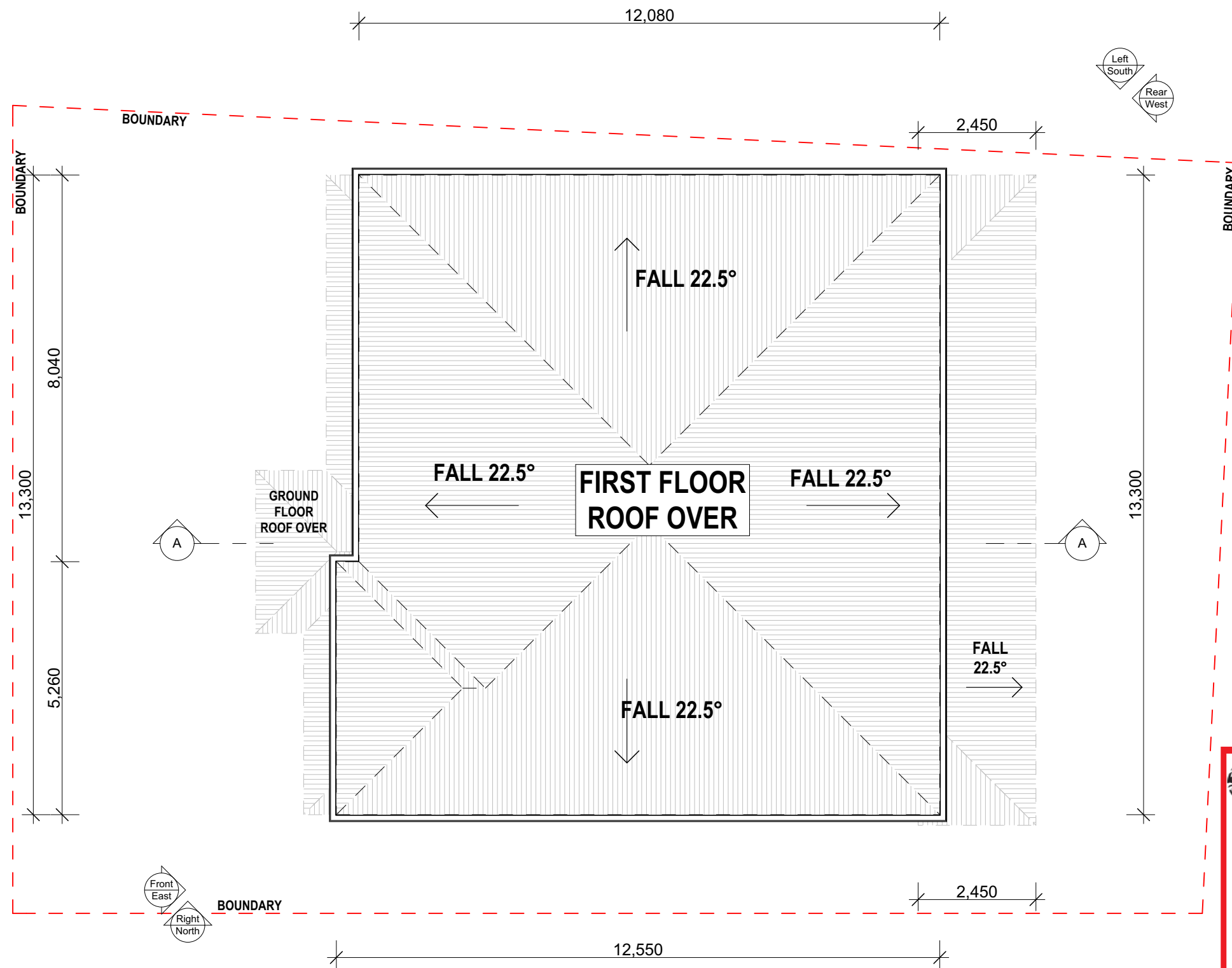
GARAGE
R.L 14.367



LP - LIGHT POLE
OP - OPTUS PIT
NBN - COMMS PIT
EP - ELECTRICAL PILLAR
WC - WATER CONNECTION
SMH - SEWER MANHOLE
SL - SURFACE LEVEL
TK - TOP OF KERB



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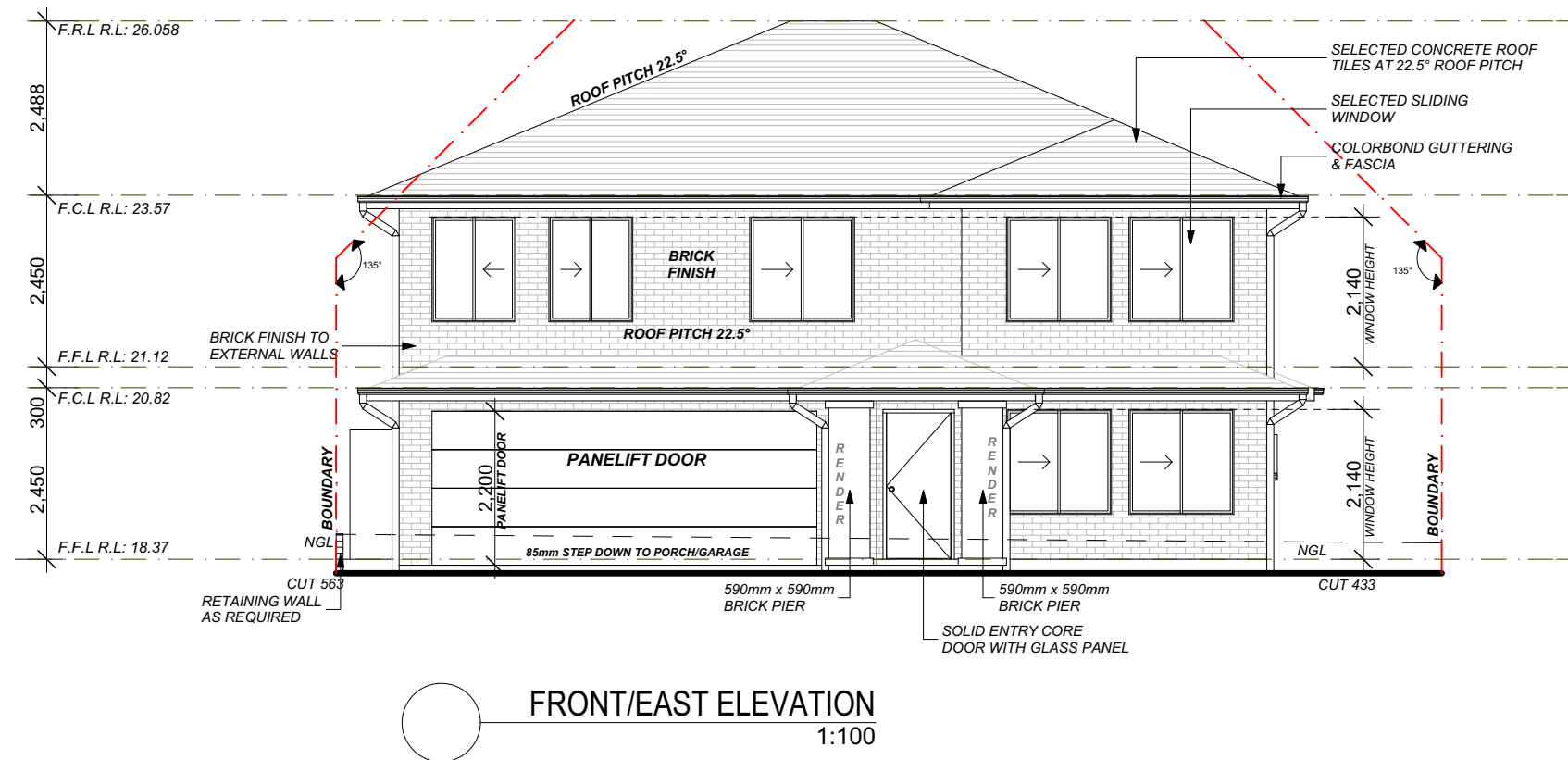
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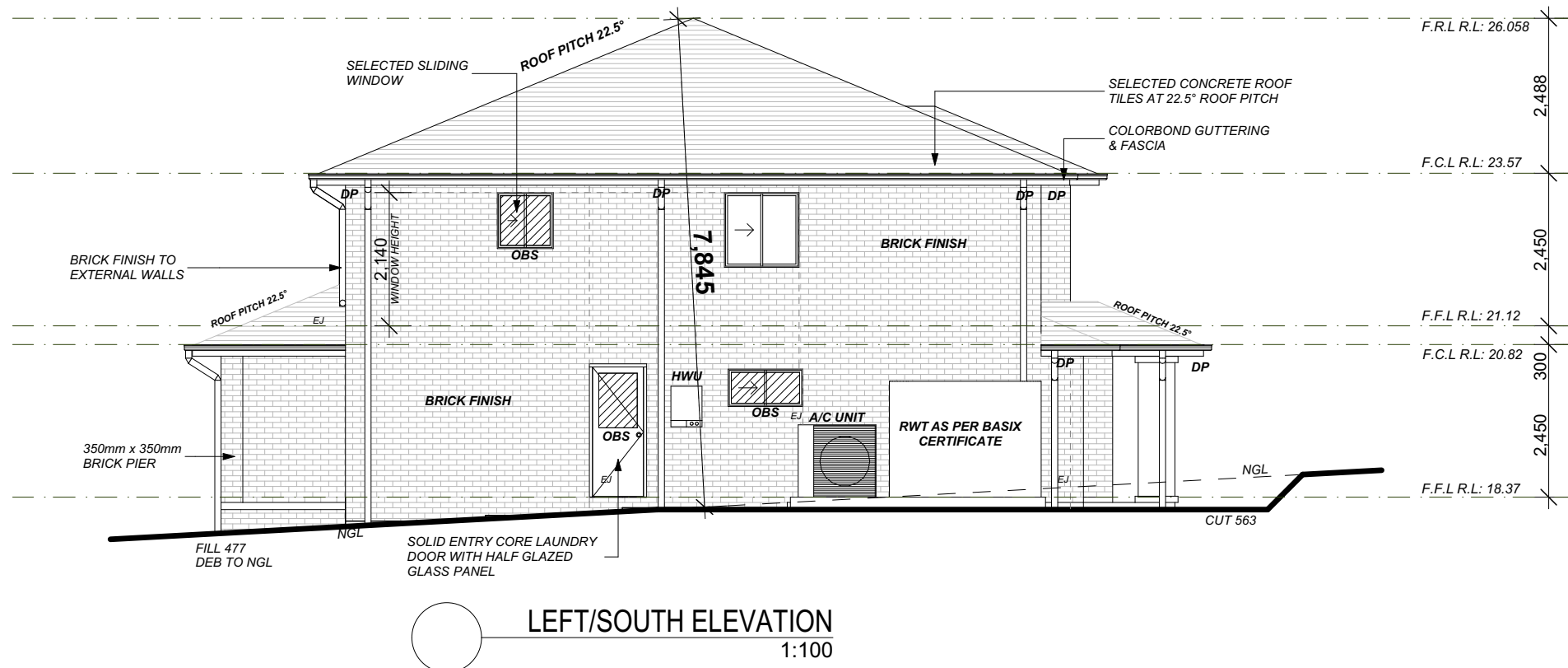
3D VIEW
1:100

	CLIENT:	LODGE	DP No:	REVISION SCHEDULE				DRAWN:	DATE:
	MR MARIN & MRS SANDRA JURLINA	DA/CC	1206507	ISSUE	DESCRIPTION	DRAWN	DATE	Mark Zeina	15.03.17
	ADDRESS: Lot 10 #39 WARRIEWOOD RD WARRIEWOOD 2102	*COPYRIGHT OF PLANS AND DOCUMENTATION REMAIN THE EXCLUSIVE PROPERTY OF MR MARIN JURLINA		A	PRELIMINARY DRAWINGS	MZ	15.03.17	COUNCIL:	FACADE:
				B	CLIENT REQUESTED CHANGES	MZ	10.09.18	PITTWATER	CLASSIC
				C	CLIENT REQUESTED CHANGES	MZ	26.11.18	DWELLING NAME:	PAGE NO:
				D	SETBACK / CLIENT CHANGES	MZ	15.03.19	DOUBLE STOREY	
				E	COUNICL REQUIRED CHANGES	MZ	20.06.19	JOB NUMBER:	
				-	-	-	-	MRZ -17 - 161	5

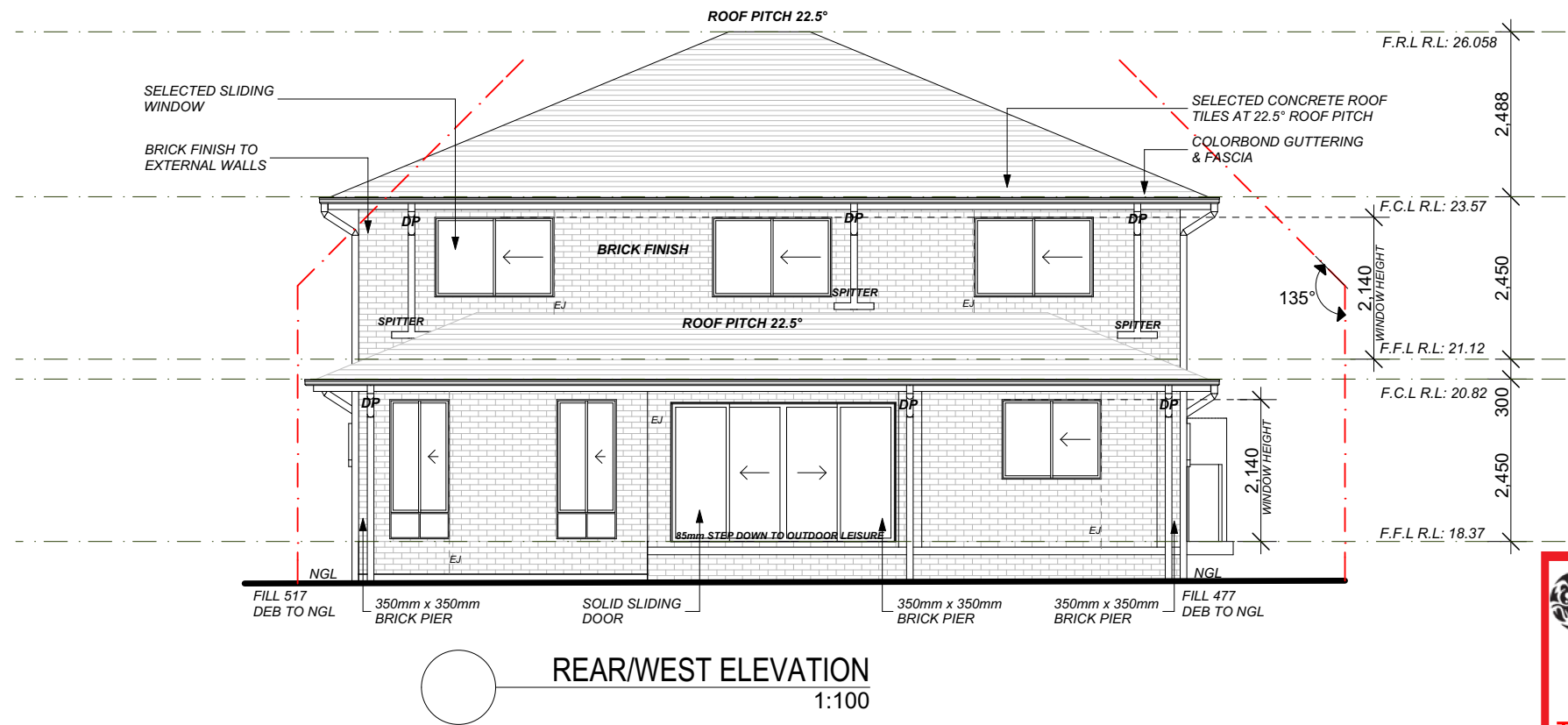


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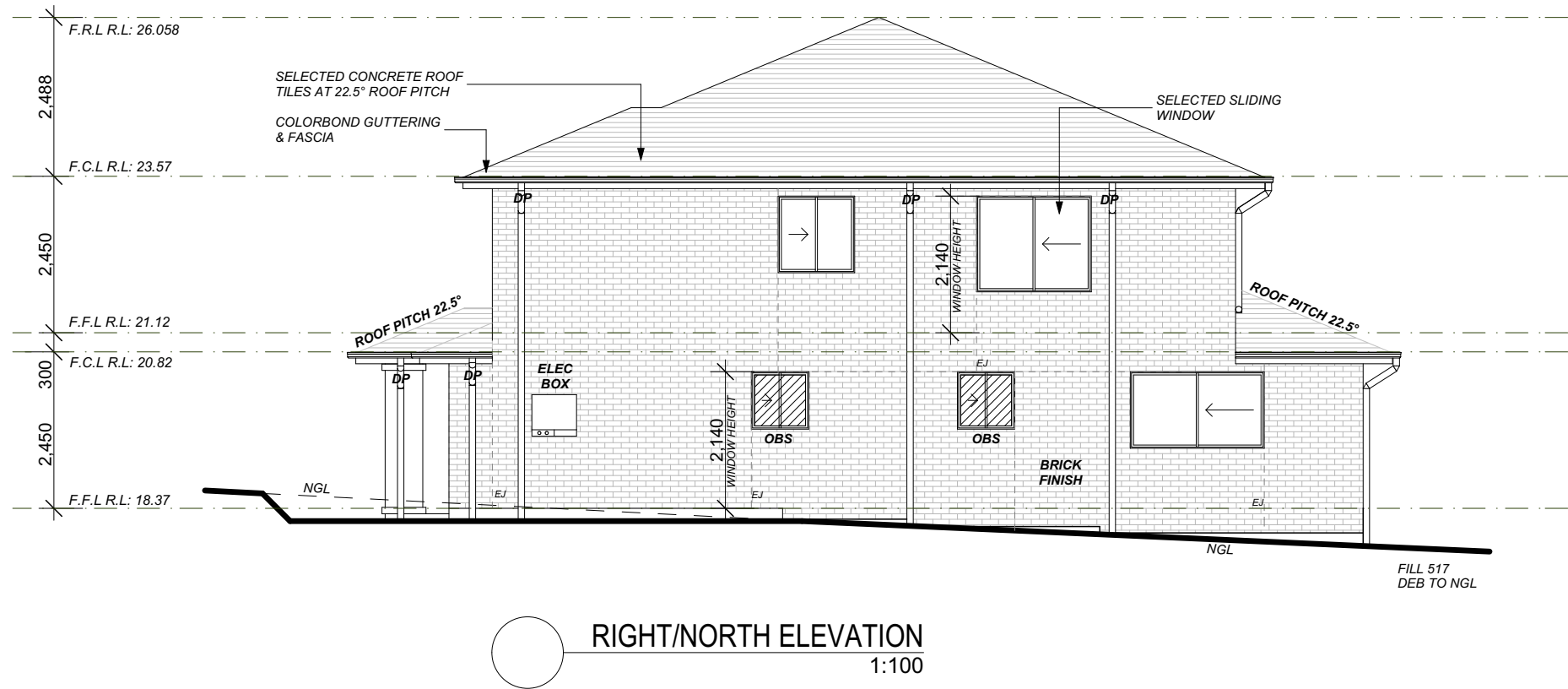


<div>CLIENT:</div> <div>MR MARIN & MRS SANDRA JURLINA</div> <div>ADDRESS:</div> <div>Lot 10 #39 WARRIEWOOD RD</div> <div>WARRIEWOOD 2102</div>	<div>LODGEMENT:</div> <div>DA/CC</div>	<div>DP No:</div> <div>1206507</div>	REVISION SCHEDULE				<div>DRAWN:</div> <div>Mark Zeina</div>	<div>DATE:</div> <div>15.03.17</div>
			ISSUE	DESCRIPTION	DRAWN	DATE		
			A	PRELIMINARY DRAWINGS	MZ	15.03.17	<div>COUNCIL:</div> <div>PITTWATER</div>	<div>FACADE:</div> <div>CLASSIC</div>
			B	CLIENT REQUESTED CHANGES	MZ	10.09.18	<div>DWELLING NAME:</div> <div>DOUBLE STOREY</div>	<div>PAGE NO:</div> <div>6</div>
			C	CLIENT REQUESTED CHANGES	MZ	26.11.18	<div>JOB NUMBER:</div> <div>MRZ -17 - 161</div>	
			D	SETBACK / CLIENT CHANGES	MZ	15.03.19		
			E	COUNICL REQUIRED CHANGES	MZ	20.06.19		
			-	-	-	-		



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CLIENT:
MR MARIN & MRS SANDRA JURLINA

ADDRESS:
**Lot 10 #39 WARRIEWOOD RD
WARRIEWOOD 2102**

LODGEMENT:
DA/CC

DP No:
1206507

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OF MR MARIN JURLINA**

REVISION SCHEDULE			
ISSUE	DESCRIPTION	DRAWN	DATE
A	PRELIMINARY DRAWINGS	MZ	15.03.17
B	CLIENT REQUESTED CHANGES	MZ	10.09.18
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D	SETBACK / CLIENT CHANGES	MZ	15.03.19
E	COUNCIL REQUIRED CHANGES	MZ	20.06.19
-	-	-	-

DRAWN:
Mark Zeina

COUNCIL:
PITTWATER

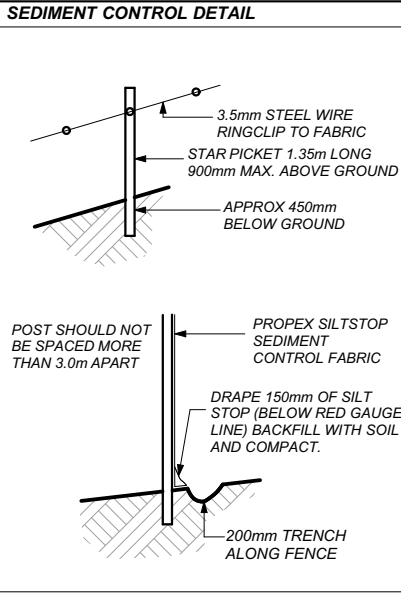
DWELLING NAME:
DOUBLE STOREY

JOB NUMBER:
MRZ -17 - 161

DATE:
15.03.17

FACADE:
CLASSIC

PAGE NO:
7



'H' CLASS SLAB
SUBJECT TO BOREHOLE REPORT

STORMWATER DRAINAGE TO EASEMENT
ANY RETAINING WALLS REQUIRED TO BE COMPLETED BY OWNERS TO MANUFACTURERS SPECIFICATIONS.

EXCAVATE SITE APPROX. 563mm TO FORM JOB DATUM R.L 14.452 (ASSUMED) DATUM POINT 385mm BELOW FINISHED FLOOR LEVEL. EXTENT OF EXCAVATION AND BATTERS TO BE DETERMINED ON SITE.

 PROPOSED EXCAVATION



SITE SEDIMENT CONTROL PLAN
1:200

THE SUBJECT ALLOTMENT IS NOT REGISTERED WITH NSW LAND REGISTRY SERVICES.
THE SUBJECT TITLE HAS NOT BEEN CREATED FOR THE SUBJECT ALLOTMENT.
IT IS UNKNOWN OF ANY RESTRICTIONS, COVENANTS, EASEMENTS OR OTHER ENCUMBERANCES WHICH MAY AFFECT THE SUBJECT PROPERTY UPON REGISTRATION OF THE ALLOTMENT.

(A) EASEMENT TO DRAIN WATER 1.5 WIDE. (DP

SUBJECT LOT IS NOT REGISTERED WITH NSW LAND REGISTRY SERVICES



THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT

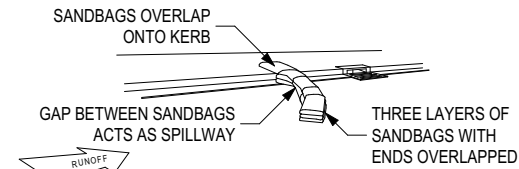
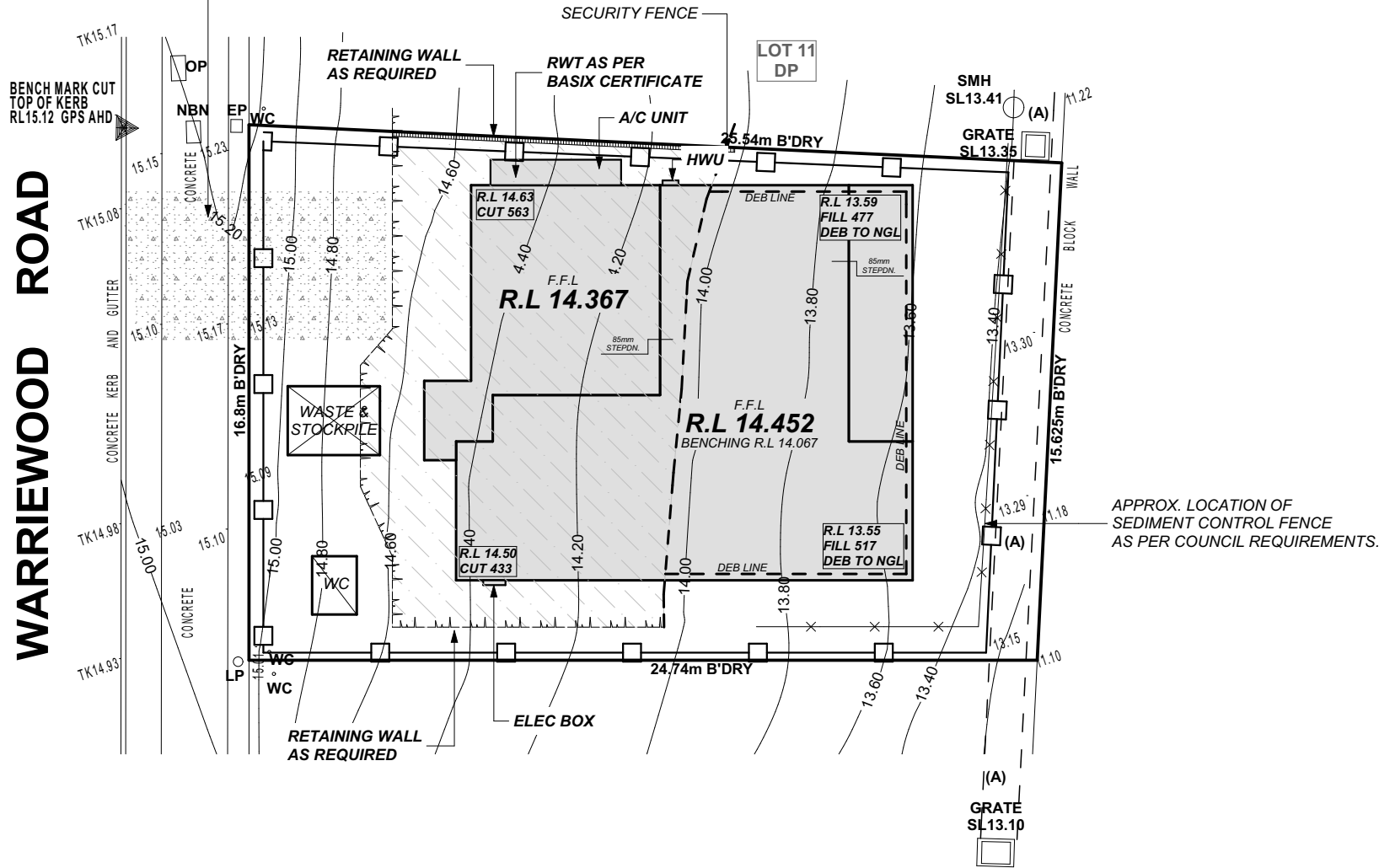
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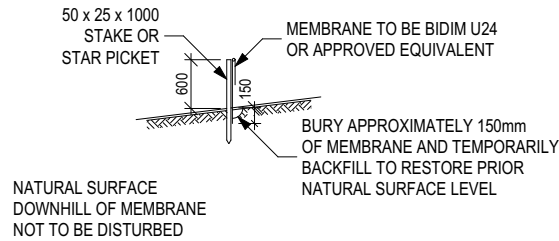
LEGEND

LP - LIGHT POLE
OP - OPTUS PIT
NBN - COMMS PIT
EP - ELECTRICAL PILLAR
WC - WATER CONNECTION
SMH - SEWER MANHOLE
SL - SURFACE LEVEL
TK - TOP OF KERB

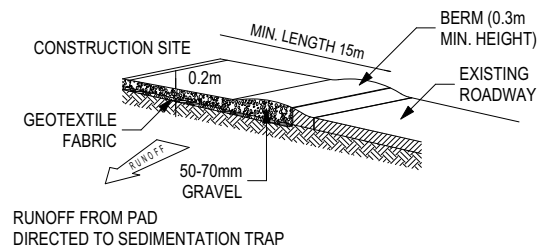
TEMPORARILY STABILISE VEHICLE ACCESS DRIVEWAY (GRAVEL/ROCK AGGREGATE)



SANDBAG KERB INLET SEDIMENTATION TRAP



SILT FENCING DETAIL



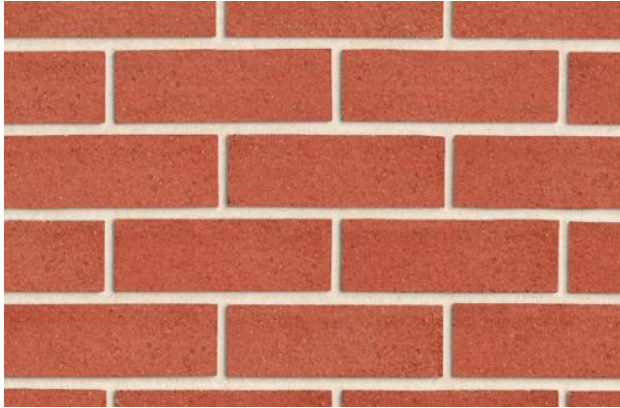
TEMPORARY CONSTRUCTION EXIT

CLIENT:	MR MARIN & MRS SANDRA JURLINA	LODGE	DP No:	REVISION SCHEDULE				DRAWN:	Mark Zeina	DATE:	15.03.17
				ISSUE	DESCRIPTION	DRAWN	DATE				
ADDRESS:	Lot 10 #39 WARRIEWOOD RD WARRIEWOOD 2102	DA/CC	1206507	A	PRELIMINARY DRAWINGS	MZ	15.03.17	COUNCIL:	PITWATER	FACADE:	CLASSIC
				B	CLIENT REQUESTED CHANGES	MZ	10.09.18	DWELLING NAME:			
				C	CLIENT REQUESTED CHANGES	MZ	26.11.18	DOUBLE STOREY	PAGE NO:	9	
				D	SETBACK / CLIENT CHANGES	MZ	15.03.19	JOB NUMBER:			
				E	COUNICL REQUIRED CHANGES	MZ	20.06.19	MRZ -17 - 161			
				-	-	-	-				
								*COPYRIGHT OF PLANS AND DOCUMENTATION REMAIN THE EXCLUSIVE PROPERTY OF MR MARIN JURLINA			

SCHEDULE OF FINISHES

Lot 10 #39 Warriewood Road, Warriewood 2102

Brick Work – PGH McGarvie Red



Render Colour – Light Grey



Roof – Wunderlich- Titan Gloss



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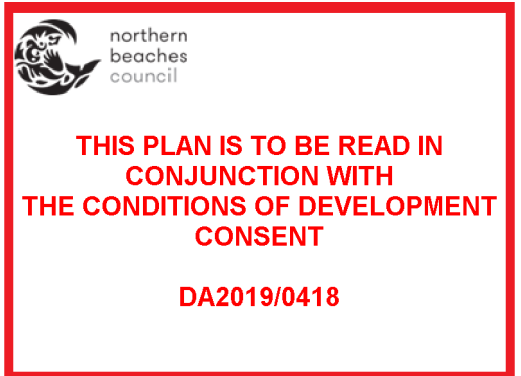
Windows – Surf Mist



Garage Doors –Surfmist



Doors - TAJ Colour Hume Door (Frosted Glass)



Guttering, Fascia & Downpipes – Monument



Timber posts - Merbau posts



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STORMWATER MANAGEMENT PLAN (FOR DA)

PROPOSED DWELLING

LOT 10, No. 39 WARRIEWOOD ROAD, WARRIEWOOD

GENERAL NOTES

1. FINAL LOCATION OF NEW DOWNPIPES TO BE 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. ALL STORMWATER DRAINAGE PIPES ARE TO BE uPVC AT MINIMUM 1% GRADE UNLESS NOTED OTHERWISE.
7. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE AND LEVEL ALL EXISTING SERVICES OR OTHER STRUCTURES WHICH MAY AFFECT/BE AFFECTED BY THIS DESIGN PRIOR TO COMMENCEMENT OF WORKS.
8. ALL PITS WITHIN DRIVEWAYS TO BE 150mm THICK CONCRETE OR EQUAL.
9. THIS PLAN IS THE PROPERTY OF DONOVAN ASSOCIATES AND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM DONOVAN ASSOCIATES.

PLAN SPECIFIC NOTES

1. **ROOF DRAINAGE NOTE:** AS 3500 ROOF DRAINAGE REQUIRES EAVES GUTTERS TO BE SIZED FOR 20 YEAR 5 MIN. STORM = 205mm/hr. FOR EAVES GUTTERS, AS 3500.3:2003 THEN HAS THE FOLLOWING REQUIREMENTS:
 - i) FOR TYPICAL STANDARD QUAD GUTTER WITH $A_e = 6000\text{mm}^2$ AND GUTTER SLOPE 1:500 AND STEEPER, THIS REQUIRES ONE DOWNPIPE PER 30m^2 ROOF AREA.
 - ii) DOWNPIPES TO BE MINIMUM 90mm DIA. OR 100 x 50mm FOR GUTTERS SLOPE 1:500 AND STEEPER.
 - iii) OVERFLOW METHOD TO FIGURE G1 OF AS 3500.3:2003 IT IS THE RESPONSIBILITY OF THE PLUMBER AND / OR BUILDER TO COMPLY WITH THIS. THIS DRAWING SHOWS PRELIMINARY LOCATIONS / NUMBERS OF DOWNPIPES ONLY WHICH ARE TO BE VERIFIED BY BUILDER / PLUMBER
2. **TREE PRESERVATION:** IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY PRIOR APPROVAL REQUIRED FROM COUNCIL WITH RESPECT TO POTENTIAL IMPACT ON TREES FOR ANY WORKS SHOWN ON THIS DRAWING PRIOR TO THE COMMENCEMENT OF THOSE WORKS
3. ALL ROOF GUTTERS TO HAVE OVERFLOW PROVISION IN ACCORDANCE WITH AS 3500.3:2003 AND SECTIONS 3.5.3, 3.7.5 AND APPENDIX G OF AS 3500.3:2003
4. THIS DRAWING IS NOT TO BE USED FOR SET-OUT PURPOSES - REFER TO ARCHITECTURAL DRAWINGS
5. LOCATION OF SURFACE STORMWATER GRATED INLET PITS MAY BE VARIED OR NEW PITS INSTALLED AT THE CONSTRUCTION STAGE PROVIDED DESIGN INTENT OF THIS DRAWING IS MAINTAINED

SURFACE INLET PIT



SURFACE INLET PIT
(WITH ENVIROPOD 200 MICRON)



ACCESS GRATE
(WITH ENVIROPOD 200 MICRON)



450 SQUARE INTERVAL

450 X 450

GRATE LEVEL = 75.50

SL 75.50

INVERT LEVEL = RL 75.20

IL 75.20

PROPOSED DOWNPIPE
90mm DIA. OR 100mm x 50mm MIN.



NATURAL GROUND FINISHED
DESIGN LEVEL

x 10.00

LEGEND

GRATED TRENCH DRAIN



ABSORPTION TRENCH



PROPOSED ROOF GUTTER FALL



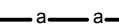
PROPOSED DOWNPIPE SPREADER



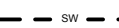
STORMWATER PIPE 100mm DIA. MIN. UNO



SUBSOIL PIPE



EXISTING STORMWATER PIPE



INSPECTION RISER



RAINWATER HEAD



DRAINAGE NOTES

PIPE SIZE:

THE MINIMUM PIPE SIZE SHALL BE:

- 90mm DIA WHERE THE LINE ONLY RECEIVES ROOFWATER RUNOFF; OR
- 100mm DIA WHERE THE LINE RECEIVES RUNOFF FROM PAVED OR UNPAVED AREAS ON THE PROPERTY

THE MINIMUM PIPE VELOCITY SHOULD BE 0.6 m/s AND A MAXIMUM PIPE VELOCITY OF 6.0 m/s DURING THE DESIGN STORM.

PIPE GRADE:

THE MINIMUM PIPE GRADE SHALL BE:

- 1.0% FOR PIPES LESS THAN 225mm DIA (UNO)
- 0.5% FOR ALL LARGER PIPES (UNO)

PIPES WITH A GRADIENT GREATER THAN 20% WILL REQUIRE ANCHOR BLOCKS AT THE TOP AND BOTTOM OF THE INCLINED SECTION; AND AT INTERVALS NOT EXCEEDING 3.0m

ANCHOR BLOCKS ARE DESIGNED ACCORDING TO *CLAUSE 3.5.3 OF AS3500.3:1990*

DEPTH OF COVER FOR PVC PIPES:

MINIMUM PIPE COVER SHALL BE AS FOLLOWS:

LOCATION	MINIMUM COVER
NOT SUBJECT TO VEHICLE LOADING	100mm SINGLE RESIDENTIAL 300mm ALL OTHER DEVELOPMENTS
SUBJECT TO VEHICLE LOADING UNDER A SEALED ROAD	450mm WHERE NOT IN A ROAD 600mm
UNSEALED ROAD	750mm
PAVED DRIVEWAY	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 MINIMUM COVER OF 450mm WILL APPLY.

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

- 150mm REINFORCED CONCRETE WHERE SUBJECT TO HEAVY VEHICLE TRAFFIC;
- 75mm THICKNESS OF BRICK OR 100mm OF CONCRETE PAVING WHERE SUBJECT TO LIGHT VEHICLE TRAFFIC; OR
- 50mm THICK BRICK OR CONCRETE PAVING WHERE NOT SUBJECT TO VEHICLE TRAFFIC.

CONNECTIONS TO STORMWATER DRAINS UNDER BUILDINGS:

SHALL BE CARRIED OUT IN ACCORDANCE WITH *SECTION 3.10 OF AS3500.3:1990*

CONNECTIONS TO COUNCIL SYSTEM:

IF PROPOSED DRAINAGE SYSTEM IS DESIGNED TO CONNECT TO COUNCIL'S DRAINAGE SYSTEM, IT IS ADVISED THAT A 'WORKS PERMIT' IS OBTAINED FROM THE RESPECTIVE COUNCIL PRIOR TO COMMENCEMENT OF WORKS

ABOVE GROUND PIPEWORK:

SHALL BE CARRIED OUT IN ACCORDANCE WITH *SECTION 6 OF AS3500.3:1990*

PIT SIZES AND DESIGN:

DEPTH (mm)	MINIMUM PIT SIZE (mm)
UP TO 450mm	450 x 450
450mm TO 600mm	600 x 600
600mm TO 900mm	600 x 900
900mm TO 1500mm	900 x 900 (WITH STEP IRONS)
1500mm TO 2000mm	1200 x 1200 (WITH STEP IRONS)

ALL PIPES SHOULD BE CUT FLUSH WITH THE WALL OF THE PIT.

PITS GREATER THAN 600mm DEEP SHALL HAVE A MINIMUM ACCESS OPENING OF 600 x 600mm

THE GRATED COVERS OF PITS LARGER THAN 600 x 600mm ARE TO BE HINGED TO PREVENT THE GRATE FROM FALLING INTO THE PIT.

THE BASE OF THE DRAINAGE PITS SHOULD BE AT THE SAME LEVEL AS THE INVERT OF THE OUTLET PIPE. RAINWATER SHOULD NOT BE PERMITTED TO POND WITHIN THE STORMWATER SYSTEM

- **TRENCH DRAINS:** CONTINUOUS TRENCH DRAINS ARE TO BE OF WIDTH NOT LESS THAN 150mm AND DEPTH NOT LESS THAN 100mm. THE BARS OF THE GRATING ARE TO BE PARALLEL TO THE DIRECTION OF SURFACE FLOW.
- **STEP IRONS:** PITS BETWEEN 1.2m AND 6m ARE TO HAVE STEP IRONS IN ACCORDANCE WITH AS1657. FOR PITS GREATER THAN 6m OTHER MEANS OF ACCESS MUST BE PROVIDED.
- **PVC PITS:** PVC PITS WILL ONLY BE PERMITTED IF THEY ARE NOT A GREATER SIZE THAN 450 x 450mm (MAXIMUM DEPTH 450mm) AND ARE HEAVY DUTY
- **IN-SITU PITS:** IN-SITU PITS ARE TO BE CONSTRUCTED ON A CONCRETE BED OF AT LEAST 150mm THICK. THE WALLS ARE TO BE DESIGNED TO MEET THE MINIMUM REQUIREMENTS OF *CLAUSE 4.6.3 OF AS3500.4:1990*. PITS DEEPER THAN 1.8m SHALL BE CONSTRUCTED WITH REINFORCED CONCRETE.



GRATES:

GRATES ARE TO BE GALVANISED STEEL GRID TYPE. GRATES ARE TO BE OF HEAVY-DUTY TYPE IN AREAS WHERE THEY MAY BE SUBJECT TO VEHICLE LOADING.

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DRAWING TITLE:
**DETAILS, NOTES &
LEGEND**

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DRAWN	DATE	DESCRIPTION	ISSUE	FOR	APPROVED BY:	DESIGNED BY:	S.S	ISSUE
C.BASE	18.10.2018	ISSUED FOR DA	A	MRZ DESIGNS PTY LTD	 SCOTT SHARMA, M.I.E. Aust.	CHECKED BY:	S.S	B
J.N	18.12.2018	ARCHITECTURAL AMENDED	B	SITE ADDRESS:		SCALE	-	
				LOT 10 , No. 39		SHEET SIZE	A3	
				WARRIEWOOD ROAD		CLIENT REF.	DRAWING No.	D1
				WARRIEWOOD		-	E308245	

AREA CALCULATIONS		
TOTAL SITE AREA	407.3	m²
EXISTING DEVELOPMENT		
ROOF AREA	0.0	m²
PAVED AREA	0.0	m²
DRIVEWAY AREA	0.0	m²
IMPERVIOUS AREA	0.0	m²
TOTAL IMPERVIOUS AREA PERCENTAGE	0.00%	
PROPOSED DEVELOPMENT		
PROPOSED ROOF AREA	223.0	m²
PROPOSED PAVED AREA	14.0	m²
PROPOSED DRIVEWAY AREA	35.6	m²
TOTAL IMPERVIOUS AREA	272.6	m²
TOTAL IMPERVIOUS AREA PERCENTAGE	66.93%	

NOTE: ENSURE ANY PROPOSED PAVING IS GRADED SO THAT IT IS NOT IMPACTING ADJOINING PROPERTIES.

INSPECTION RISER (IR)
PROVIDE 'SCREW CAP' INSPECTION RISER AT LOWEST POINT OF 'CHARGED LINES'

NOTE: ALL PROPOSED GRATED DRAINS TO BE 150mm WIDE

PIT SCHEDULE (U.N.O)				
PIT No.	PIT TYPE	PIT SIZE	SURFACE LEVEL	INVERT LEVEL
SP1	GRATED INLET	450 x 450	14.27	13.82
SP2	GRATED INLET	450 x 450	13.35	13.05

RAINWATER RE-USE TANK - RWT

(AS PER BASIX REQUIREMENTS)

SIZE: 3,055 LITRES (MIN)

SLIMLINE TANK BY "KINGSPAN WATER" OR SIMILAR

(2400L x 700W x 1940H)

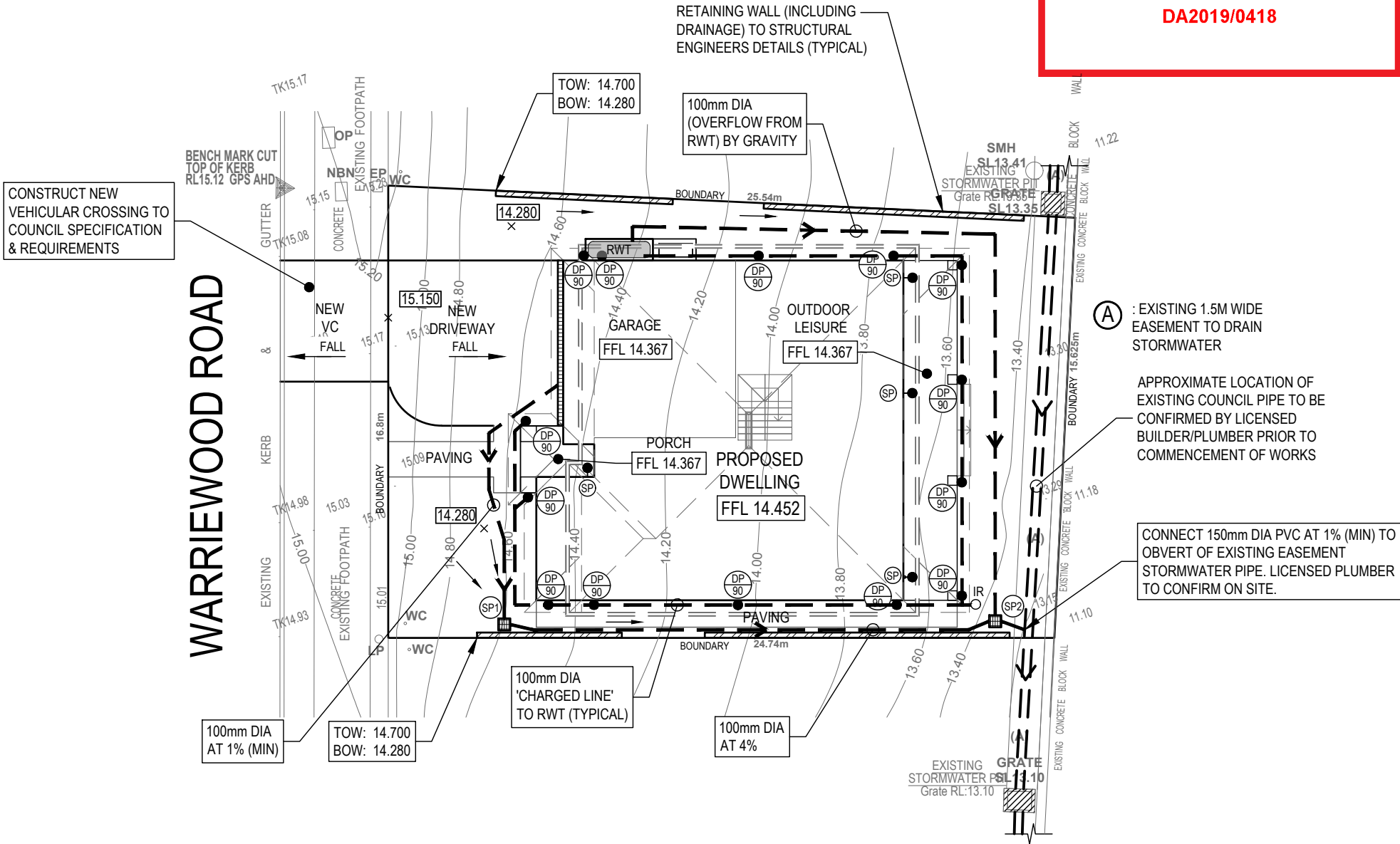
INSTALL TO MANUFACTURES SPECIFICATIONS, AS3500 AND COUNCIL REQUIREMENTS

- FOR RE-USE AS SPECIFIED BY BASIX CERTIFICATE
- ENSURE TOP OF TANK IS MIN 0.5m BELOW ROOF GUTTERS TO ENSURE SUFFICIENT HEAD FOR THE SYSTEM
- TANK TO BE INSTALLED BY LICENSED PLUMBER IN ACCORDANCE WITH AS/NZS 3500:2003 AND NSW CODE OF PRACTICE PLUMBING AND DRAINAGE 2006

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DONOVAN

ASSOCIATES


INCORPORATED ENG SURVEY PTY LTD ABN: 84 134 616 078
PH/ 02 9806 3000 F/ 02 9891 2806 E/ admineng@donovanassociates.com.au
15 PARKES STREET PARRAMATTA NSW 2150

DRAWING TITLE:
STORMWATER
MANAGEMENT PLAN

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DRAWN	DATE	DESCRIPTION	ISSUE	FOR
C.BASE	18.10.2018	ISSUED FOR DA	A	MRZ DESIGNS PTY LTD
J.N	18.12.2018	ARCHITECTURAL AMENDED	B	SITE ADDRESS:
				LOT 10 , No. 39
				WARRIEWOOD ROAD
				WARRIEWOOD
PROJECT		PROPOSED DWELLING		

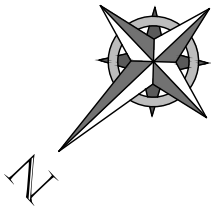
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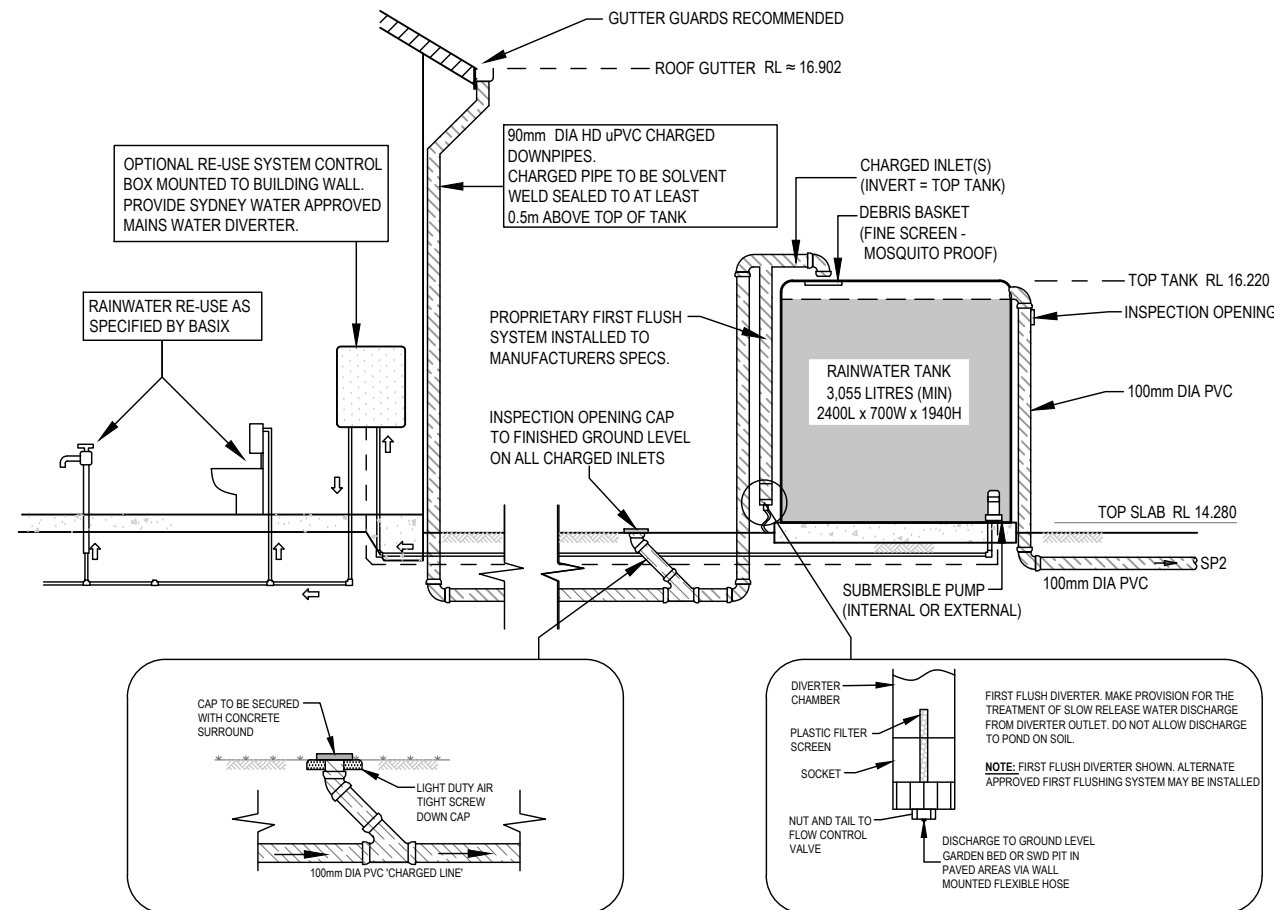


SCOTT SHARMA, M.I.E. Aust.

DESIGNED BY:	S.S	ISSUE
CHECKED BY:	S.S	B
SCALE	1:200	
SHEET SIZE	A3	SHEET No.
CLIENT REF.	DRAWING No.	D2
-	E308245	

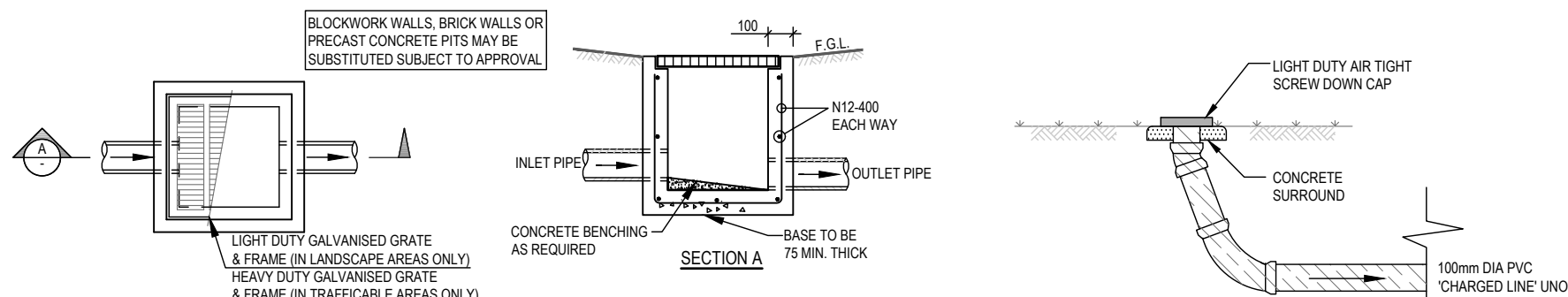
NOTE: THESE PLANS ARE FOR CONCEPT ONLY
NOT FOR CONSTRUCTION.





RAINWATER RE-USE TANK - ABOVE GROUND

NTS



TYPICAL PIT (SIP)

NTS

INSPECTION RISER - IR

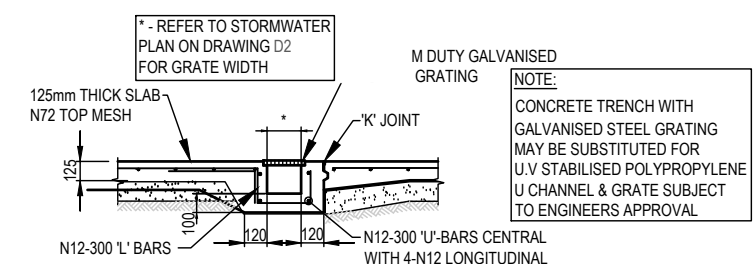
NTS



TYPICAL WARNING SIGN

NTS

EVERY EXTERNAL SUPPLY OUTLET FROM RAINWATER RE-USE TANK TO BE LABELED WITH METALLIC WARNING SIGN



GRADED DRAIN

NTS

DRAWING TITLE:	DRAWN	DATE	DESCRIPTION	ISSUE	FOR	APPROVED BY:	DESIGNED BY:	S.S	ISSUE
STORMWATER DETAILS	C.BASE	18.10.2018	ISSUED FOR DA	A	MRZ DESIGNS PTY LTD	 SCOTT SHARMA, M.I.E. Aust.	CHECKED BY:	S.S	B
	J.N	18.12.2018	ARCHITECTURAL AMENDED	B	SITE ADDRESS:		SCALE	AS NOTED	
					LOT 10 , No. 39		SHEET SIZE	A3	SHEET No.
					WARRIWOOD ROAD		CLIENT REF.	DRAWING No.	D3
	PROJECT		PROPOSED DWELLING		WARRIWOOD		-	E308245	