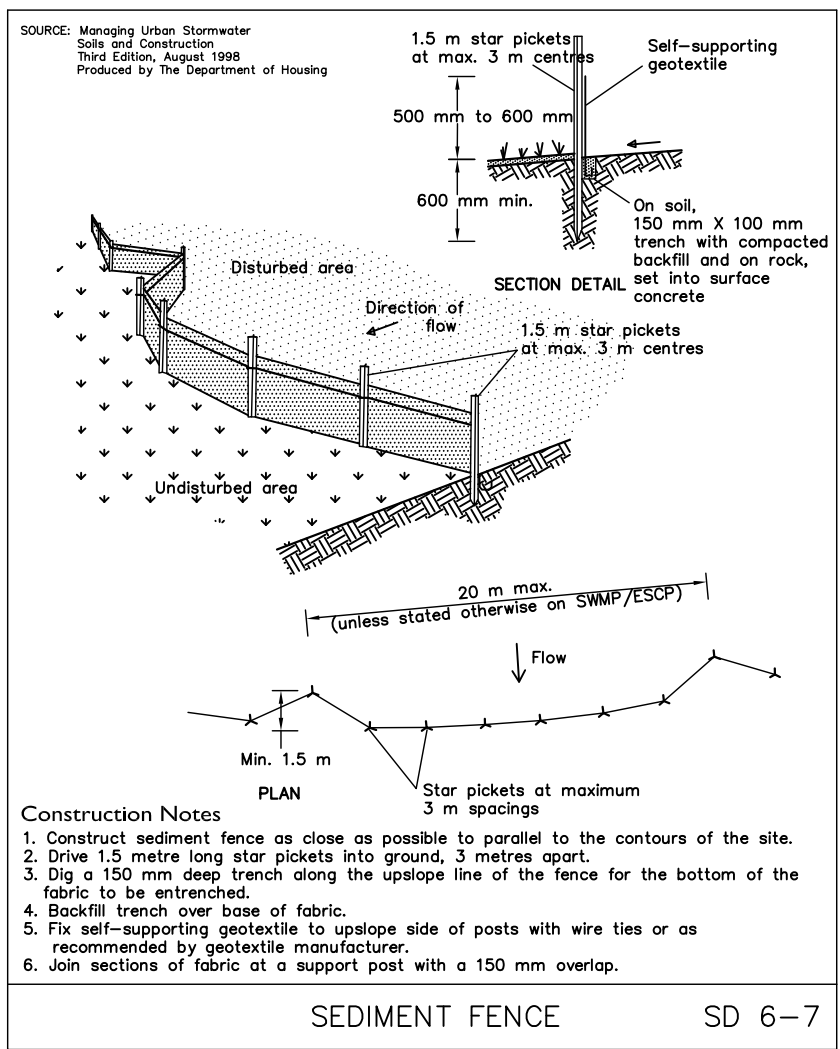
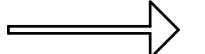


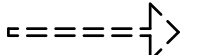
All structural sizes, structural adequacy, retaining walls, and drainage to engineers details. If in doubt, ask. Builder to check all dimensions and heights prior to construction. Construction to be altered to suite existing structure if necessary. All materials to match existing or as noted otherwise. This plan is copyright to Rob Crump Design (NSW) Pty. Ltd., and may not be reproduced without the written consent of the company.



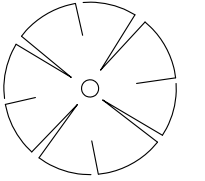
#### LEGEND



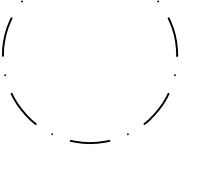
PREVAILING WINDS



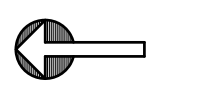
VIEWS



EXISTING TREE TO BE RETAINED



EXISTING TREE TO BE REMOVED



VEHICULAR ENTRY



NOISE SOURCE - CAR ONLY

#### BUSH FIRE CONSTRUCTION NOTES:-

##### Asset Protection Zones

1. That all grounds within the subject property shall be maintained as an Asset Protection Zone (Inner Protection Area) as detailed in the NSW Rural Fire Service's document "Standards for Asset Protection Zones" and Appendix 4 of Planning for Bush Fire Protection 2019.

##### Construction

2. That all new roofing and construction facing north, east and west shall comply with Australian Standard AS3959-2018 "Construction of buildings in bush fire-prone areas" Sections 3 & 6 (BAL 19) & Section 7.5 of Planning for Bushfire Protection 2019.

3. That all new construction facing south shall comply with Australian Standard AS3959-2018 "Construction of buildings in bush fire-prone areas" Sections 3 & 5 (BAL 12.5) & Section 7.5 of Planning for Bushfire Protection 2019.

##### Landscaping

4. That any new landscaping is to comply with Section 3.7 "Landscaping" under Planning for Bush Fire Protection 2019.

##### Emergency management

5. That the occupants of the subject dwelling complete a Bush Fire Survival Plan.

DEVELOPMENT APPLICATION	A	22.03.2021
AMENDED:	ISSUE BY:	DATE:



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SOPER RESIDENCE  
ALTERATIONS AND ADDITIONS  
76 NANDI AVENUE  
FRENCHS FOREST NSW 2086

Scale: 1:100 @ A1 plot size  
Date: 22 March 2021  
Job No: 2569/01

DRAWN	CHECKED	ISSUE:
R.C.	R.C.	

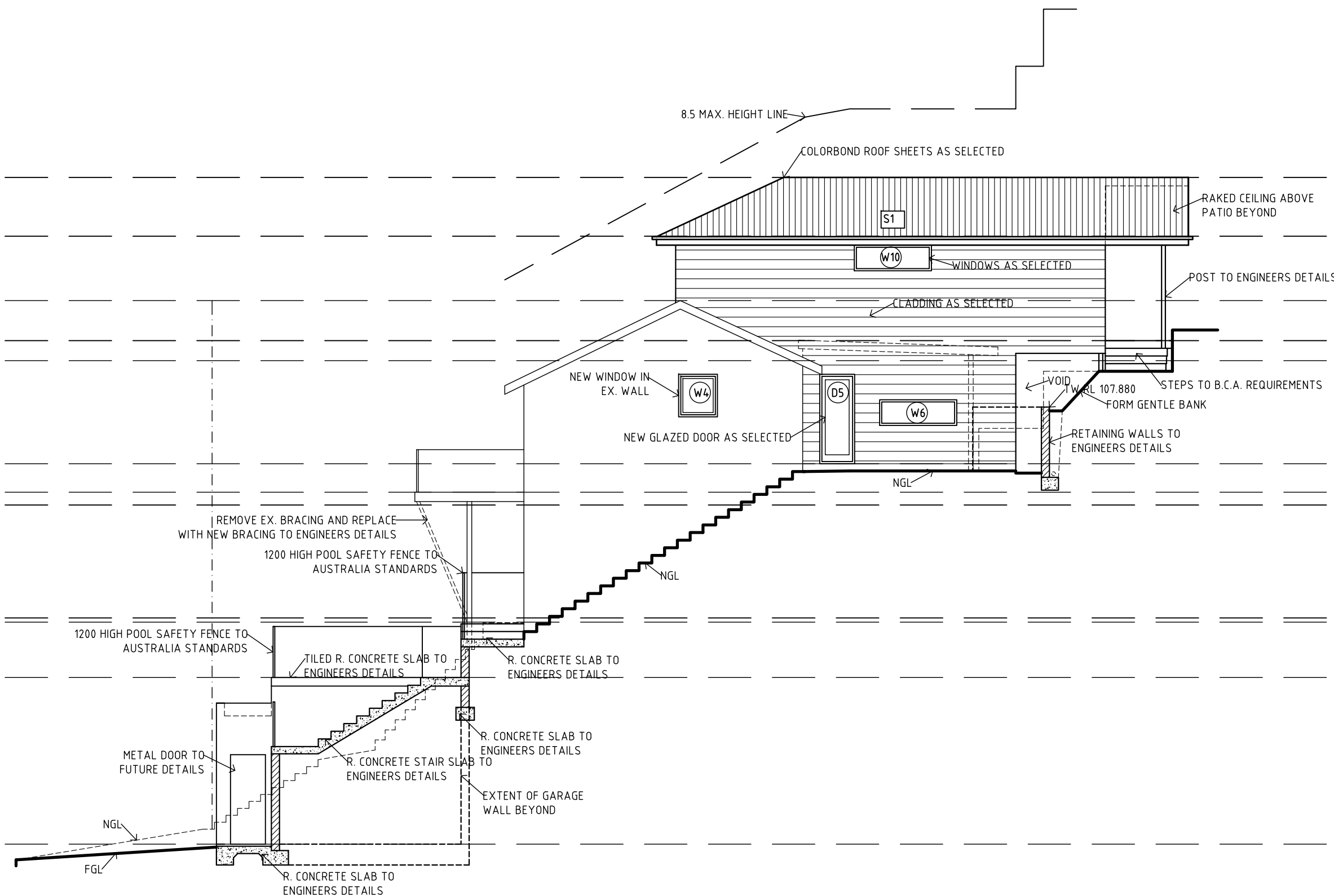
SITE PLAN & SITE ANALYSIS PLAN



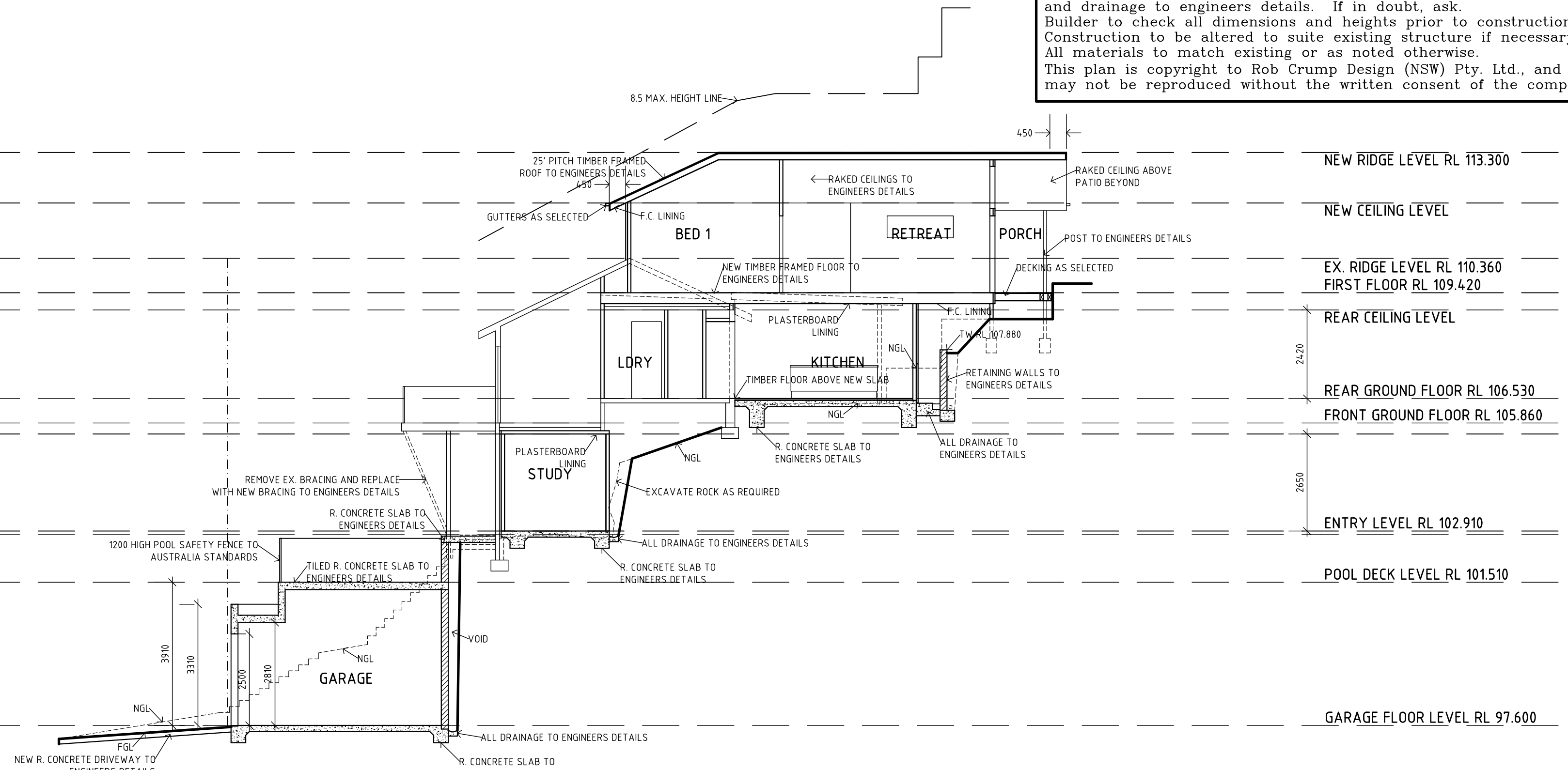




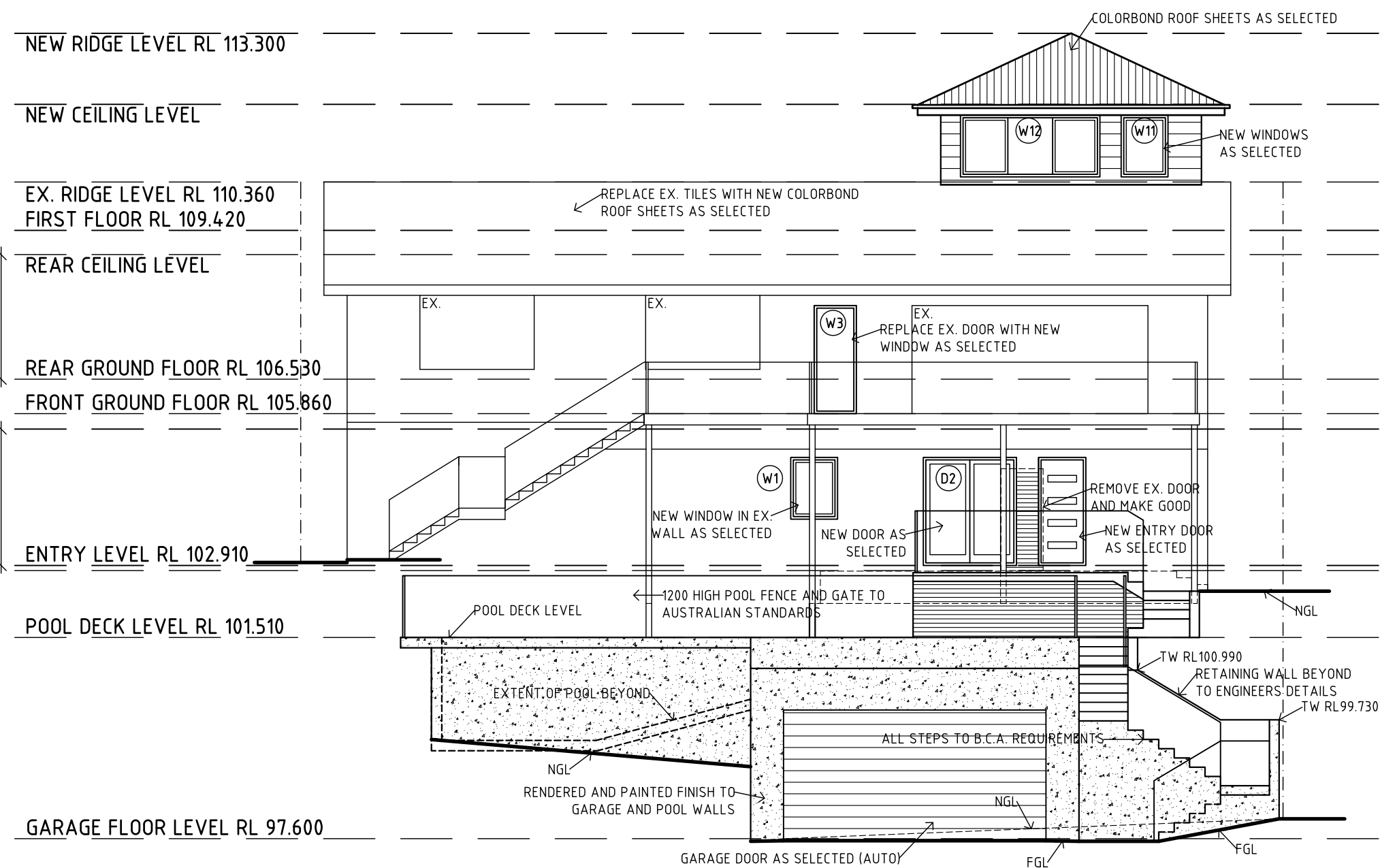
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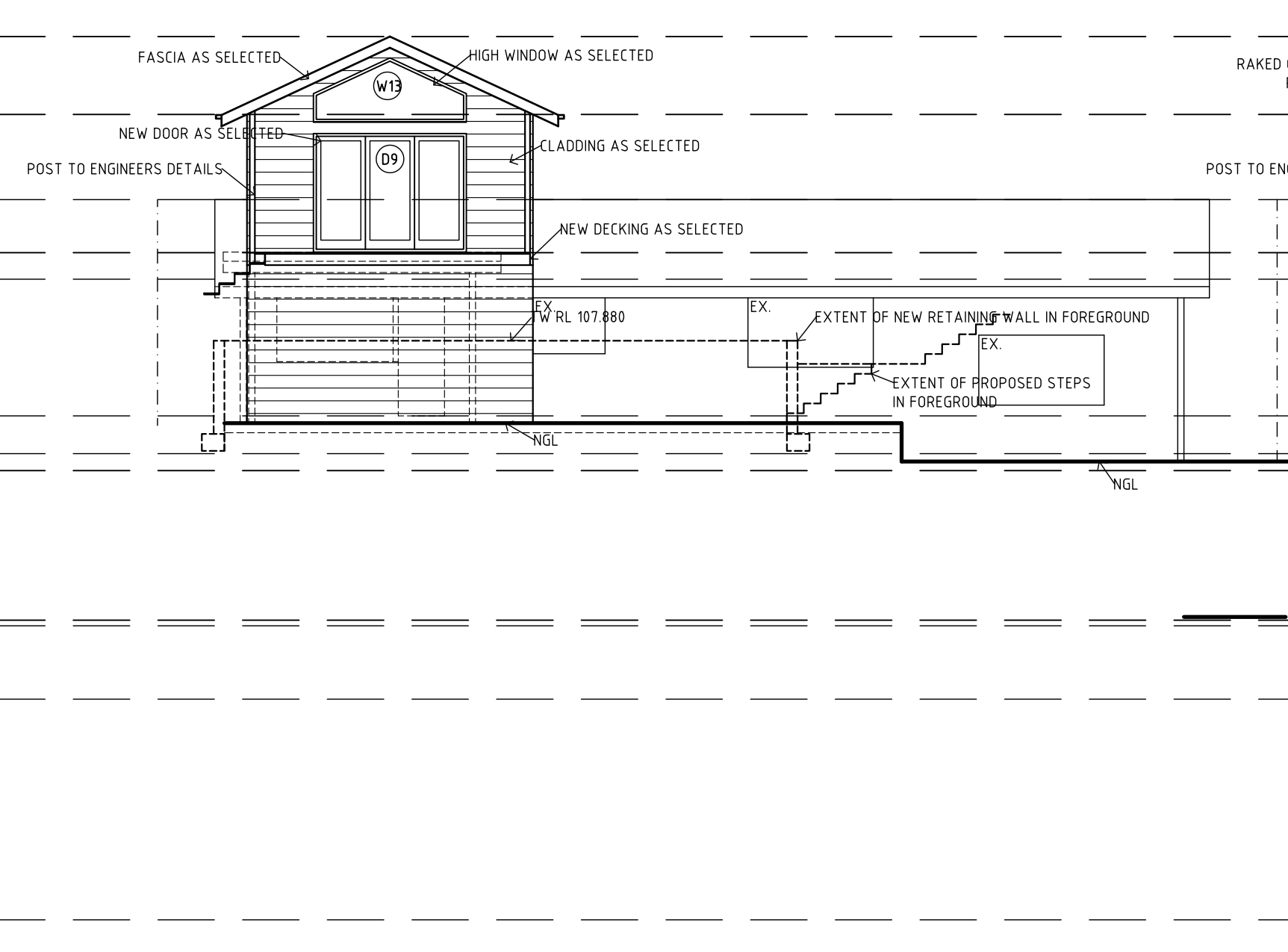
SOUTH ELEVATION



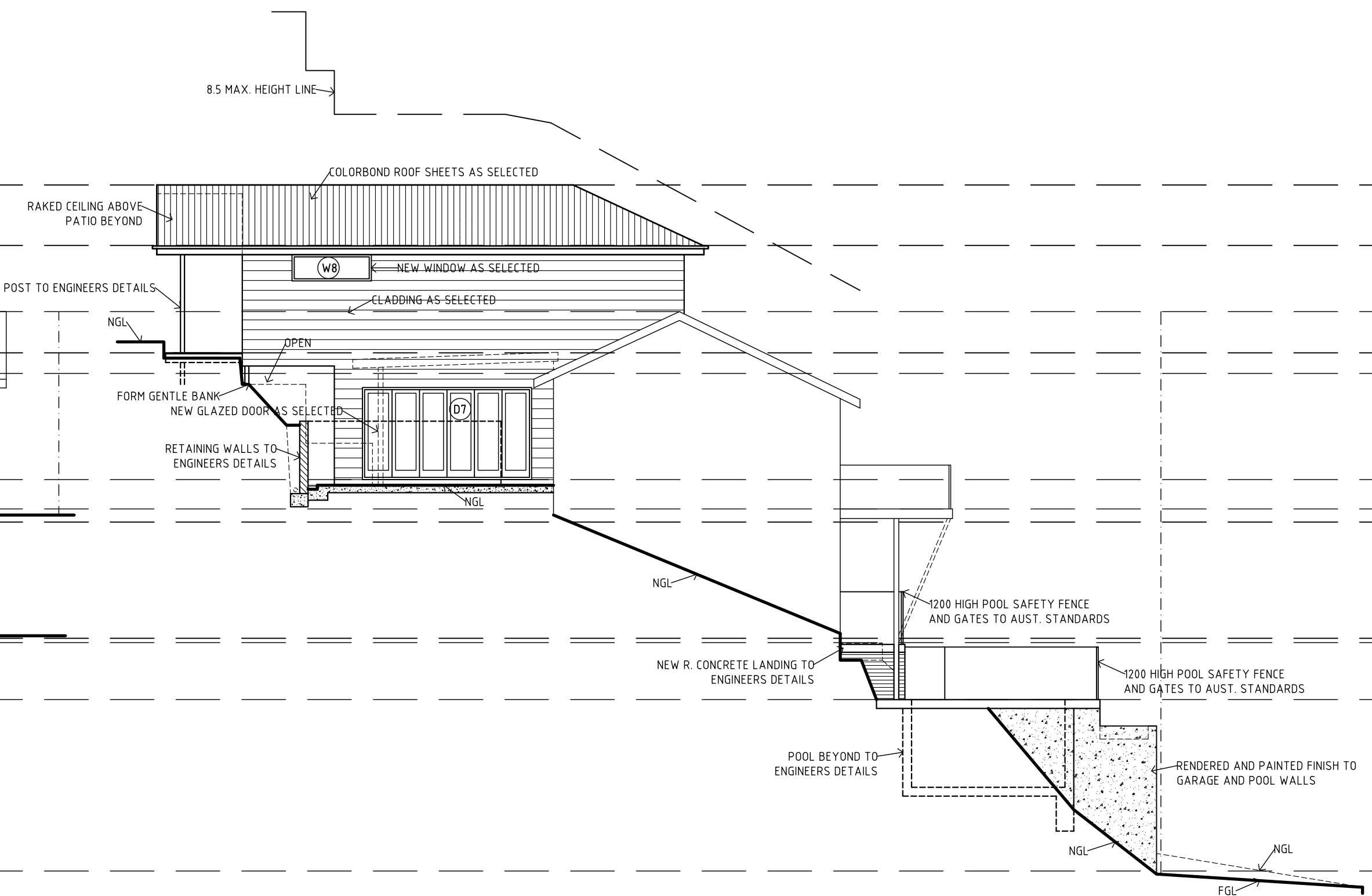
SECTION A-A



WEST ELEVATION



EAST ELEVATION



NORTH ELEVATION

WINDOW SCHEDULE							
ID No.	Height	Width	Area m2	TYPE	Glazing	Frame	NOTE
D1	1200	910	1.09	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	BUILDER TO CHECK SIZE ON SITE
W2	2100	1810	3.80	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
W3	2100	830	1.74	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
W4	1000	920	0.92	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
D6	2100	820	1.72	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
W6	600	1810	1.09	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
D7	2100	3860	8.11	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
W8	600	1810	1.09	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
D8	2100	2710	5.69	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
W10	600	1810	1.09	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
W11	1200	910	1.09	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
W12	1200	2710	3.25	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
W13			2.23	SINGLE CLEAR	U VALUE 7.63: SHGC 0.75	ALUMINIUM	
Total Glazing			32.91				

BUSH FIRE CONSTRUCTION NOTES:-

- Asset Protection Zones
1. That all grounds within the subject property shall be maintained as an Asset Protection Zone (inner Protection Area) as detailed in the NSW Rural Fire Service's document 'eStandards for Asset Protection Zones' and Appendix 4 of Planning for Bush Fire Protection 2019.
  2. That all new roofing and construction facing north, east and west shall comply with Australian Standard AS3959-2018 "Construction of buildings in bush fire-prone areas" Sections 3 & 6 (BAL 19) & Section 7.5 of Planning for Bushfire Protection 2019.
  3. That all new construction facing south shall comply with Australian Standard AS3959-2018 "Construction of buildings in bush fire-prone areas" Sections 3 & 5 (BAL 29.5) & Section 7.5 of Planning for Bushfire Protection 2019.
  4. That any new landscaping is to comply with Section 3.7 'landscaping' under Planning for Bush Fire Protection 2019.
  5. That the occupants of the subject dwelling complete a Bush Fire Survival Plan.

DEVELOPMENT APPLICATION	A	22 03 2021
AMENDED:	ISSUE BY:	DATE:

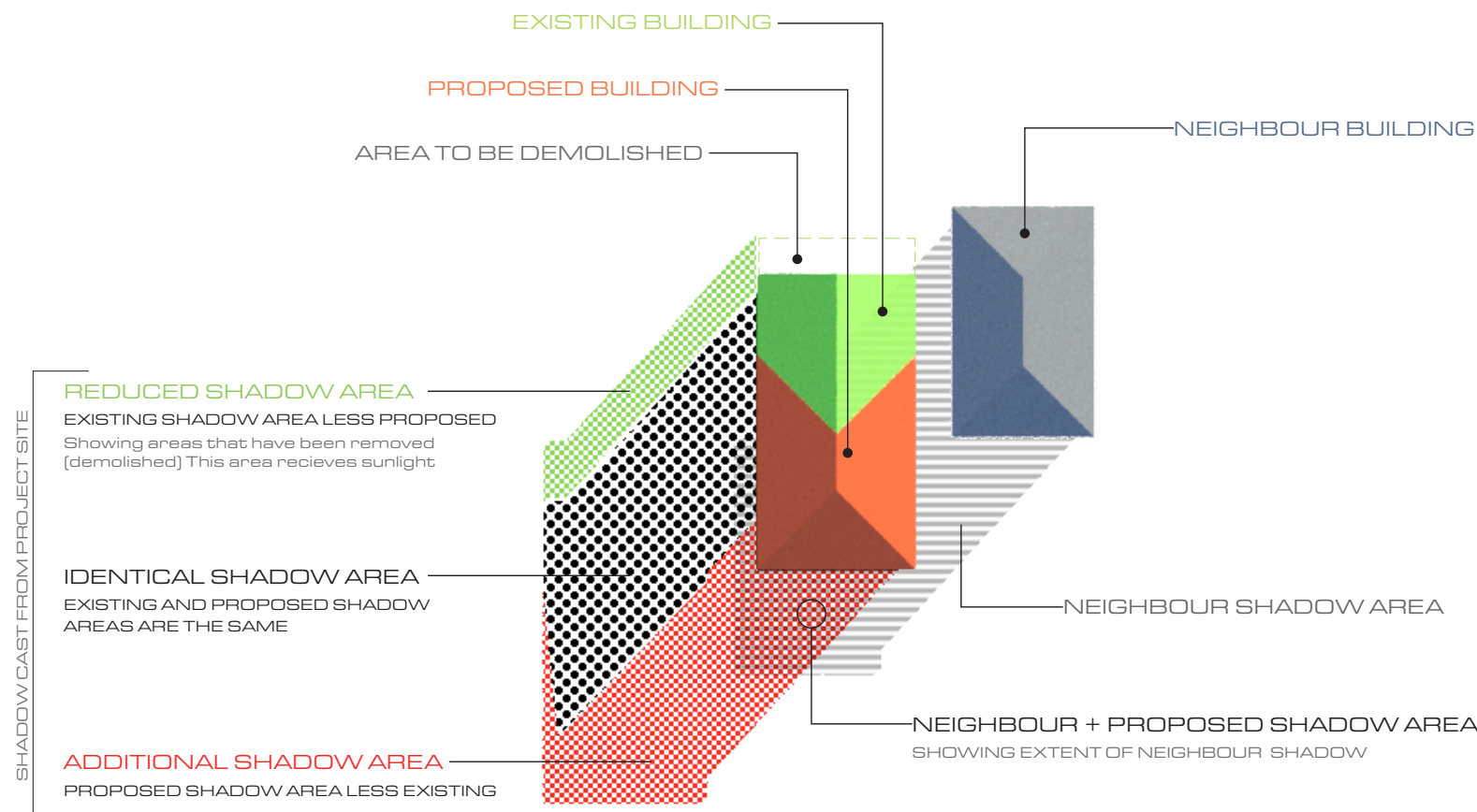


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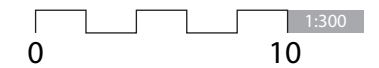
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Date: 22 March 2021  
Job No: 2569/03

DRAWN	CHECKED	ISSUE:
R.C.	R.C.	



REFERENCE DESIGN - HOW TO READ GUIDE

#### SHADOW AREA KEY



#### HOW TO READ GUIDE

TITLE  
SHADOW DIAGRAMS  
PLAN

PROJECT  
PROPOSED Additions and  
Alterations 96 Nandi Ave,  
Frenchs Forest, NSW, 2086

DESIGNER  
Rob Crump Design

CLIENT  
Soper

DENEb DESIGN  
3D SHADOW DIAGRAMS  
VISUALISATION + ANALYSIS  
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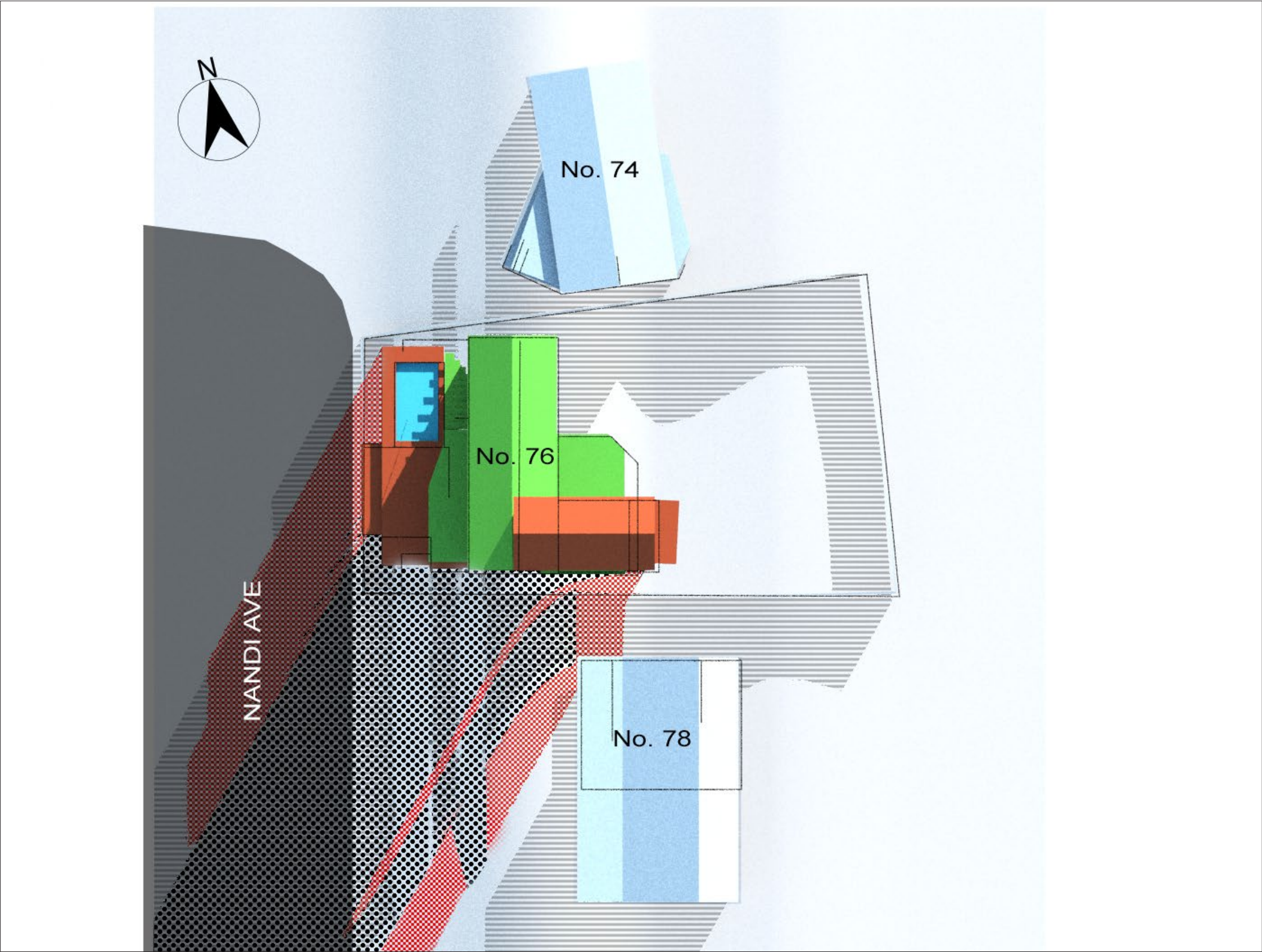


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SCALE : 1:300 (A3)  
DATE : 12.02.21  
VERSION : 01  
REF : 1790

#### NOTES

1. Trees, landscape omitted from calculations
2. Side Fence / Existing retaining walls shown as Existing Shadow.
3. True north used as solar north.
4. Terrain is approximate outside of the site
5. Limited survey information available on adjoining sites.
6. Winter solstice - 21 June
7. Time Zone - AEST unless noted (Aust. Eastern Standard Time - AEST)





SHADOW AREA KEY

- ADDITIONAL
- REDUCED
- IDENTICAL
- NEIGHBOUR



0900  
WINTER SOLSTICE  
21 JUNE

TITLE  
SHADOW DIAGRAMS  
PLAN

PROJECT  
PROPOSED Additions and  
Alterations 96 Nandi Ave,  
Frenchs Forest, NSW, 2086

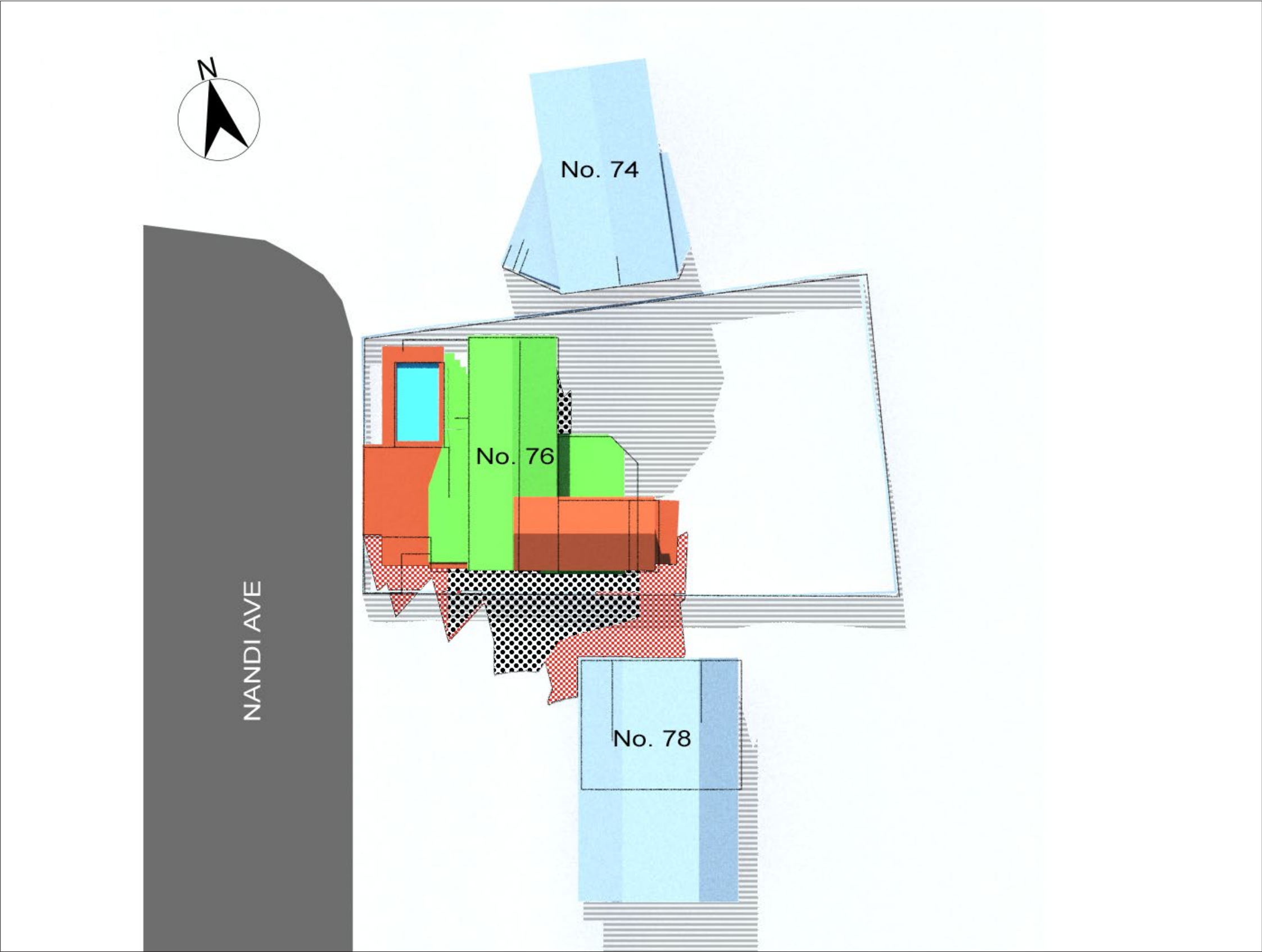
DESIGNER  
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REF : 1790



SHADOW AREA KEY

- ADDITIONAL
- REDUCED
- IDENTICAL
- NEIGHBOUR



1200  
WINTER SOLSTICE  
21 JUNE

TITLE  
SHADOW DIAGRAMS  
PLAN

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DESIGNER  
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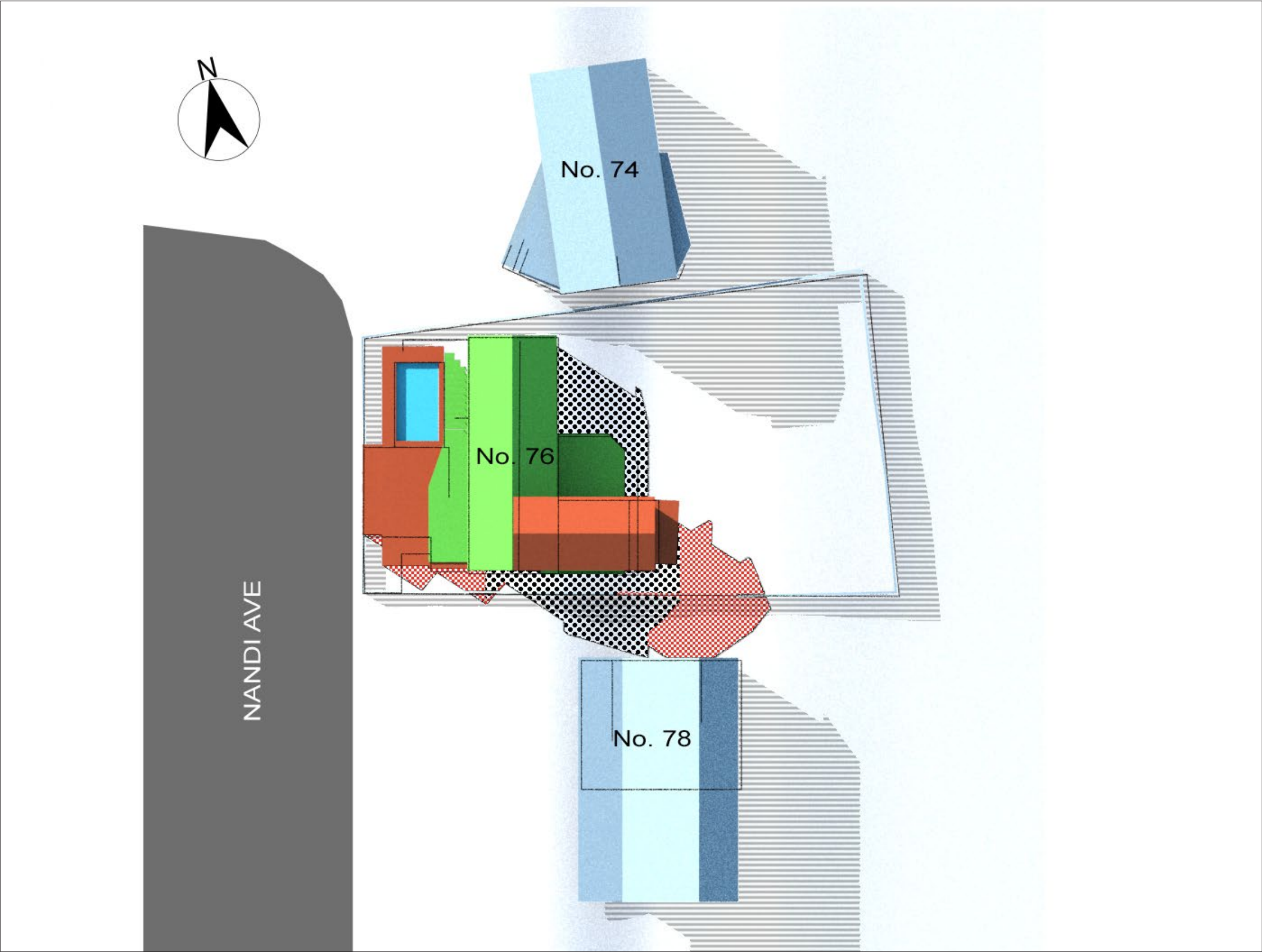
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VERSION : 01  
REF : 1790





SHADOW AREA KEY

- ADDITIONAL
- REDUCED
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- NEIGHBOUR



1500  
WINTER SOLSTICE  
21 JUNE

TITLE  
SHADOW DIAGRAMS  
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PROJECT  
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