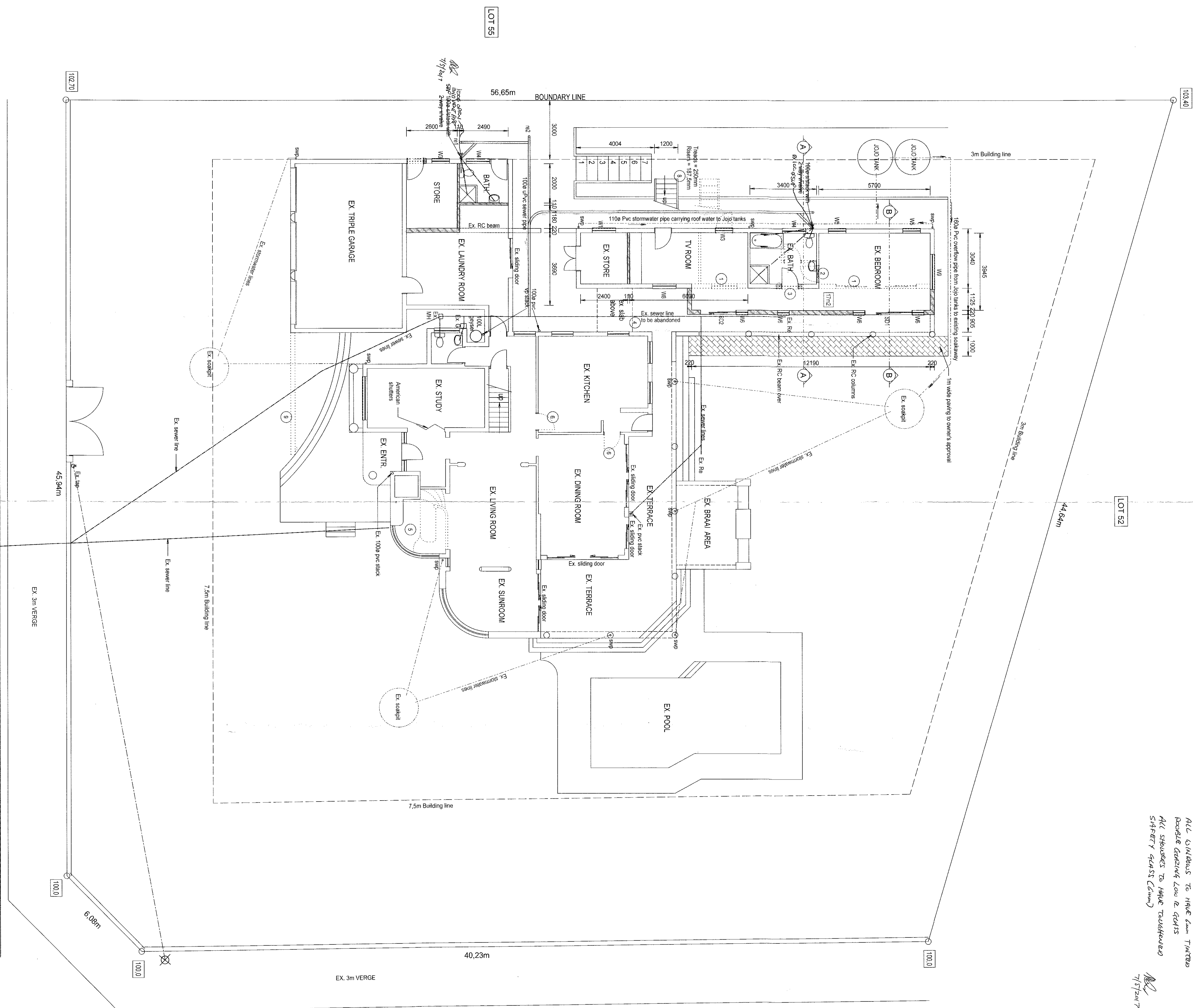


DOOR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
REFERENCE	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
QUANTITY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

ALL ALUMINUM GLASS WINDOWS TO COMPLY WITH PART 9 OF THE BUILDING RULES. ALL WINDOWS TO BE TRANSPARENT EXCEPT FOR BALCONY WINDOWS.
 ALL GLAZING TO BE TRANSPARENT EXCEPT FOR BALCONY WINDOWS.
 ALL GLAZING TO BE TRANSPARENT EXCEPT FOR BALCONY WINDOWS.



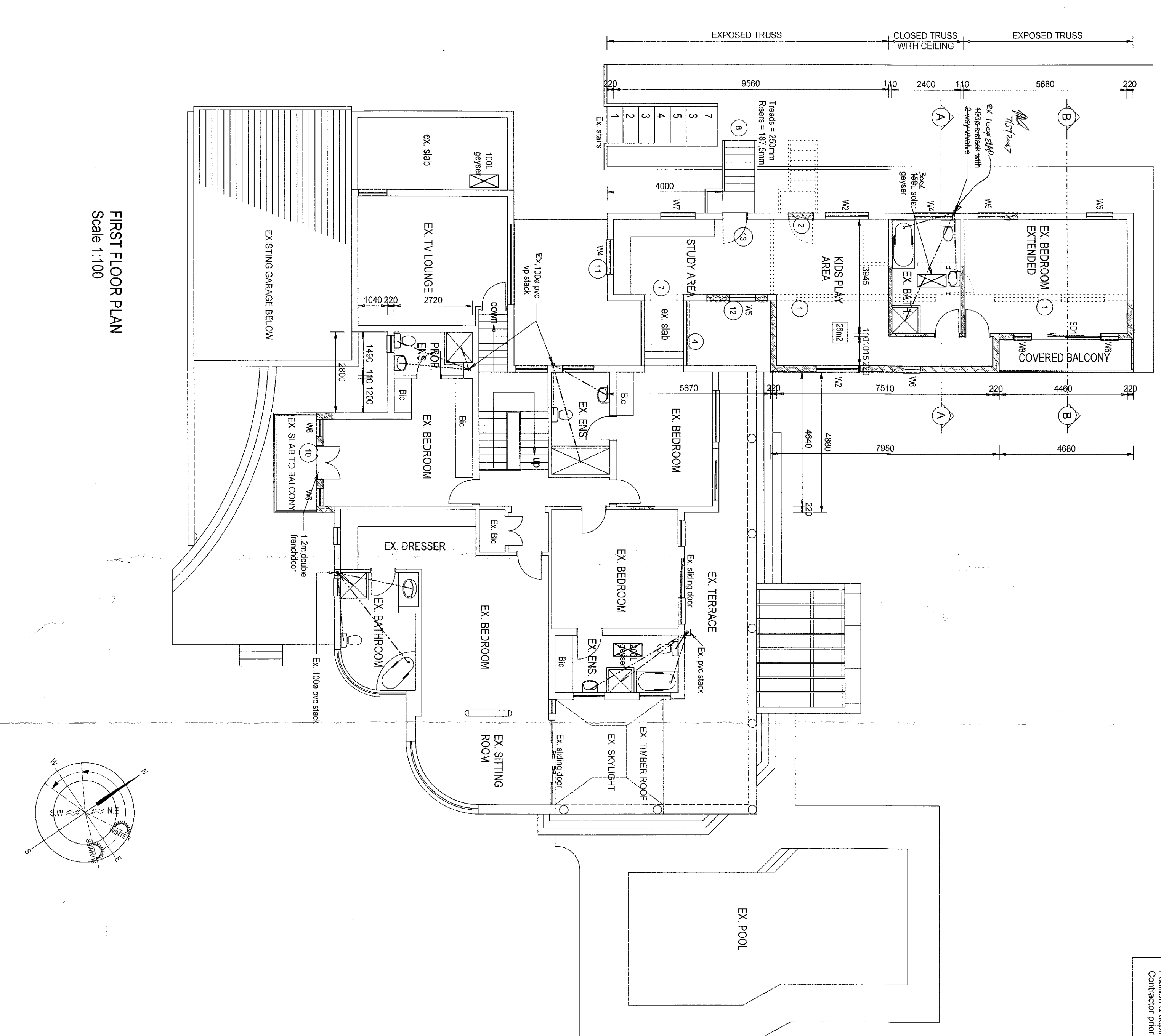
SITE & GROUND FLOOR PLAN
Scale 1:100

BERKELEY CRESCENT

GROSVENOR CRESCENT

- DEMOLITION LEGEND**
1. Remove existing windows and replace with new windows and doors.
 2. Remove existing doors and replace with new doors.
 3. Remove existing walls and replace with new walls.
 4. Remove existing floors and replace with new floors.
 5. Remove existing roof and replace with new roof.
 6. Remove existing landscaping and replace with new landscaping.
 7. Remove existing pool and replace with new pool.
 8. Remove existing deck and replace with new deck.
 9. Remove existing pergola and replace with new pergola.
 10. Remove existing stairs and replace with new stairs.
 11. Remove existing retaining walls and replace with new retaining walls.
 12. Remove existing fences and replace with new fences.
 13. Remove existing gates and replace with new gates.

FIRST FLOOR PLAN
Scale 1:100



WALLS & WINDOWS TO
Be replaced with
7/19/2017

ROOF SCHEDULE

Roof Zone	Roof Structure	Roof Covering	Roof Insulation	Thermal Insulation	R-Value	Notes
5	Flat	Asph/Flt	100mm	2.7	2.7	

WALL SCHEDULE

Roof Zone	Roof Structure	Roof Covering	Roof Insulation	Thermal Insulation	R-Value	Notes
5	Flat	Asph/Flt	100mm	2.7	2.7	

FOUNDATION SCHEDULE

Foundation	Structure	Notes
1	Concrete	

FOUNDATION NOTES

1. Foundations to be cast in situ concrete.

2. Foundations to be cast in situ concrete.

3. Foundations to be cast in situ concrete.

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CONSTRUCTION NOTES

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RENEWABLE ENERGY INSTALLATIONS

1. Solar panels to be installed on the roof.

2. Solar panels to be installed on the roof.

3. Solar panels to be installed on the roof.

4. Solar panels to be installed on the roof.

5. Solar panels to be installed on the roof.

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19. Solar panels to be installed on the roof.

20. Solar panels to be installed on the roof.

SCHEDULE OF AREAS

Area	Area	Area	Area	Area	Area	Area	Area	Area	Area
1	2	3	4	5	6	7	8	9	10

CLIENT SIGNATURE

[Signature]

CLIENT SIGNATURE

[Signature]

PROJECT TITLE

PROPOSED ADDITIONS & ALTERATIONS
FOR MR. M. NARRANDES

39 GROSVENOR CRESCENT

DRAWING TITLE

SUBMISSION PLAN

SCALE

1:100

DATE

22/03/2018

CHECKED

M. NARRANDES

DRAWING NO.

MAN/001

SHEET

1 of 2

BUILDING APPLICATION

MAN/001

APPLICANT

M. NARRANDES

DATE

22/03/2018

PROJECT TITLE

PROPOSED ADDITIONS & ALTERATIONS
FOR MR. M. NARRANDES

39 GROSVENOR CRESCENT

RENEWABLE ENERGY INSTALLATIONS

1. Solar panels to be installed on the roof.

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WINDOW SCHEDULE									
REFERENCE	1200	1500	900	1200	900	600	1200	1200	1800
	6mm TOUGH SAFETY GLASS 1,44m ²	6mm TOUGH SAFETY GLASS 1,8m ²	6mm TOUGH SAFETY GLASS 0,81m ²	6mm TOUGH SAFETY GLASS 0,72m ²	6mm TOUGH SAFETY GLASS 1,305m ²	6mm TOUGH SAFETY GLASS 1,26m ²	6mm TOUGH SAFETY GLASS 1,08m ²	6mm TOUGH SAFETY GLASS 1,08m ²	6mm TOUGH SAFETY GLASS 2,16m ²
CODE	W1	W2	W3	W4	W5	W6	W7	W8	W9
QUANTITY	1	2	2	4	5	7	1	1	1
DESCRIPTION	ANODISE ALUMINIUM GLASS WINDOWS. 6mm GLAZING TO COMPLY WITH PART N OF NBR. THICKNESS OF FRAME TO COMPLY WITH PART "28 SYSTEM", ALL TO COMPLY WITH PART N OF NBR. ALL GLAZING ABOVE 300MM FROM F.F.L. TO BE SAFETY GLAZED TO N.B.R. ALL GLAZING TO BE TRANSLUCENT EXCEPT FOR BATHROOM WINDOWS.					ANODISE ALUMINIUM SLIDING DOORS. 6mm SAFETY GLAZING TO COMPLY WITH PART N OF NBR. THICKNESS OF FRAME TO COMPLY WITH PART "28 SYSTEM", ALL TO COMPLY WITH PART N OF NBR. SD1 = 2,4 x 2,1m x 2 = 10,08m ² SD2 = 1,8 x 2,1m x 1 = 3,78m ²			

ROOF SCHEDULE								
Climatic Zone	heat flow direction	Roof Covering	R Value of Roof Covering	Roof Assembly	Thermal Insulation	R Value Insulation	Ceiling Material	Ceiling R Value
5	Down	Metal sheets	0,36	2,7			Plasterboard	0,05

WALL SCHEDULE					
Occupancy group	Climatic Zone	Min. C.R. Value	Function	Type of Wall	R. Value
Dwelling H4	5	60	Exterior	220mm masonry wall	0,35
Dwelling H4	5	20	Interior	110mm masonry wall	0,35

FENESTRATION CALCULATIONS
EXISTING OUTBUILDING (GROUND FLOOR)
 NET FLOOR AREA = 56m² x 15% / 100 = 8,4m²
 THEREFORE W3 x 1 = 0,81m²
 W4 x 1 = 0,72m²
 W5 x 2 = 2,61m²
 W6 x 4 = 5,04m²
 W9 x 1 = 2,16m²
 W10 x 1 = 1,08m²
 SD1 x 1 = 5,04m²
 SD2 x 1 = 3,78m²
TOTAL GLAZED AREA = 21,24m² = 37,9%
EXISTING OUTBUILDING (FIRST FLOOR)
 NET FLOOR AREA = 71m² x 15% / 100 = 10,7m²
 THEREFORE W2 x 2 = 3,6m²
 W4 x 2 = 1,44m²
 W5 x 3 = 3,915m²
 W6 x 3 = 3,78m²
 W7 x 1 = 1,08m²
 SD1 x 1 = 5,04m²
TOTAL GLAZED AREA = 18,85m² = 26,4%

- DEMOLITION LEGEND**
- Demolish walls, doors & windows and make good.
 - Brick up existing door/window & make good.
 - Remove existing window & build in new door & make good.
 - Demolish existing link room between main building & outbuilding.
 - Existing conversation pit floor to be raised to same level as lounge.
 - Removed existing doors.
 - Brick up existing openings & make good.
 - Build in new RC staircase to Eng. detail.
 - Existing flying beam to be demolished.
 - Remove windows, brick up & build in new french door.
 - Widen opening & replace existing window with W4.
 - Remove ex. window, build in smaller W5 & brick up rest of opening & make good.

SHEET 1/3 GBRV
 ETHEKWINI MUNICIPALITY (CENTRAL)
40 04 17
 APPLICATION NO.

BUILDING APPLICATION
 APPROVED in terms Sec. 7 of The National Building Regulations and Building Standards Act 107/1977
 2017-05-24
 DATE LOCAL AUTHORITY
 This plan is approved on the basis of the information shown herein.
 Attention is drawn to the attached documentation & that this approval shall lapse ONE year after the above approval date, unless the erection of the building in terms of NBR Act 103/1977 is commenced.

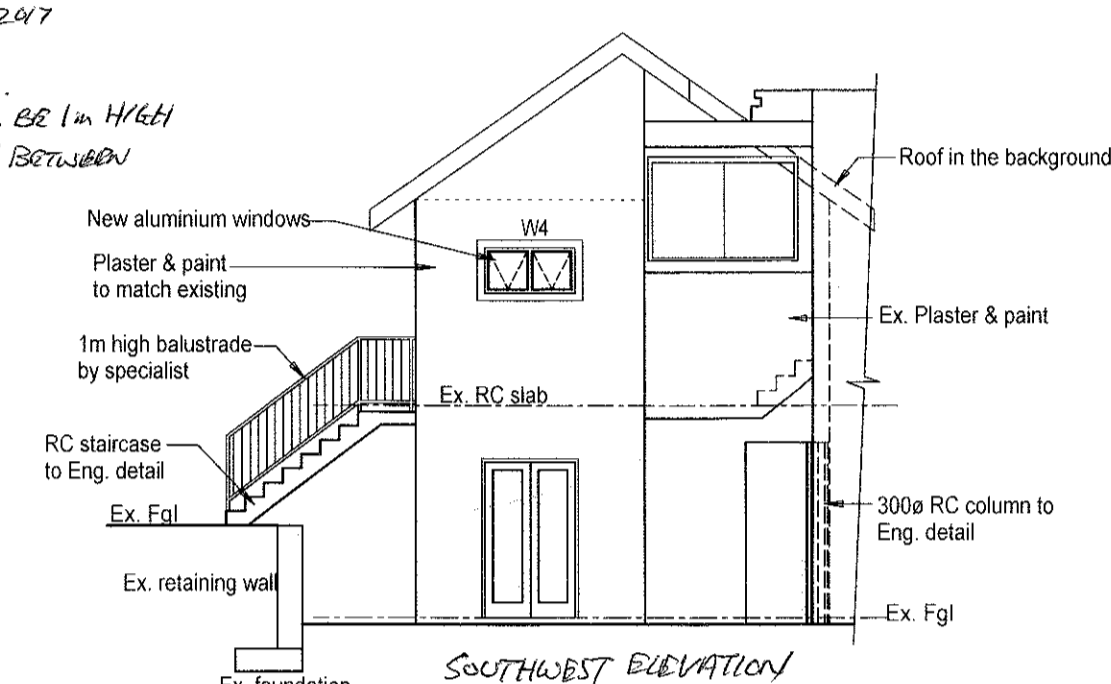
ALL WINDOWS TO HAVE 6mm TINTED DOUBLE GLAZED LOW E GLASS
 ALL SHOWERES TO HAVE TOUGHENED SAFETY GLASS (6mm)

ALL SLIDING DOORS GLAZING TO BE 6mm TOUGHENED SAFETY GLASS LOW E GLASS TO BE USED

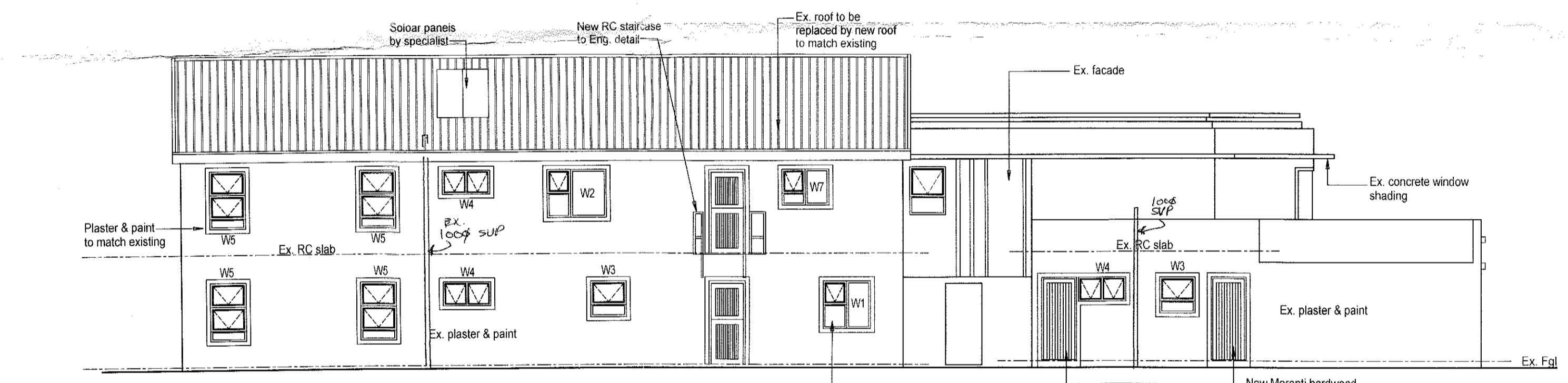
ISOLATED INSULATION INSTALLED BETWEEN SHEETING & TRUSS.
 Roof pitch = 35 deg. New 'IBR' roofsheeting on Sisalaton 410 underlay over 76x50 purlins at required centres fixed by specialist firm on trusses at 1140 centres.
 All to Engineer's specifications.



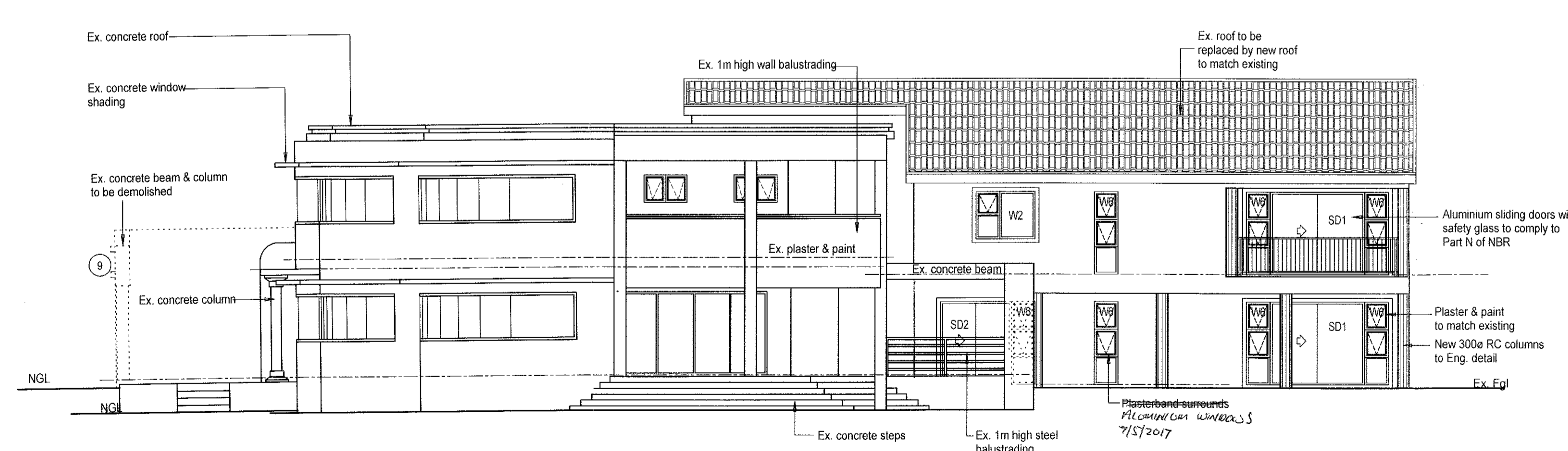
NORTHEAST ELEVATION
NORTH ELEVATION
 scale 1:100



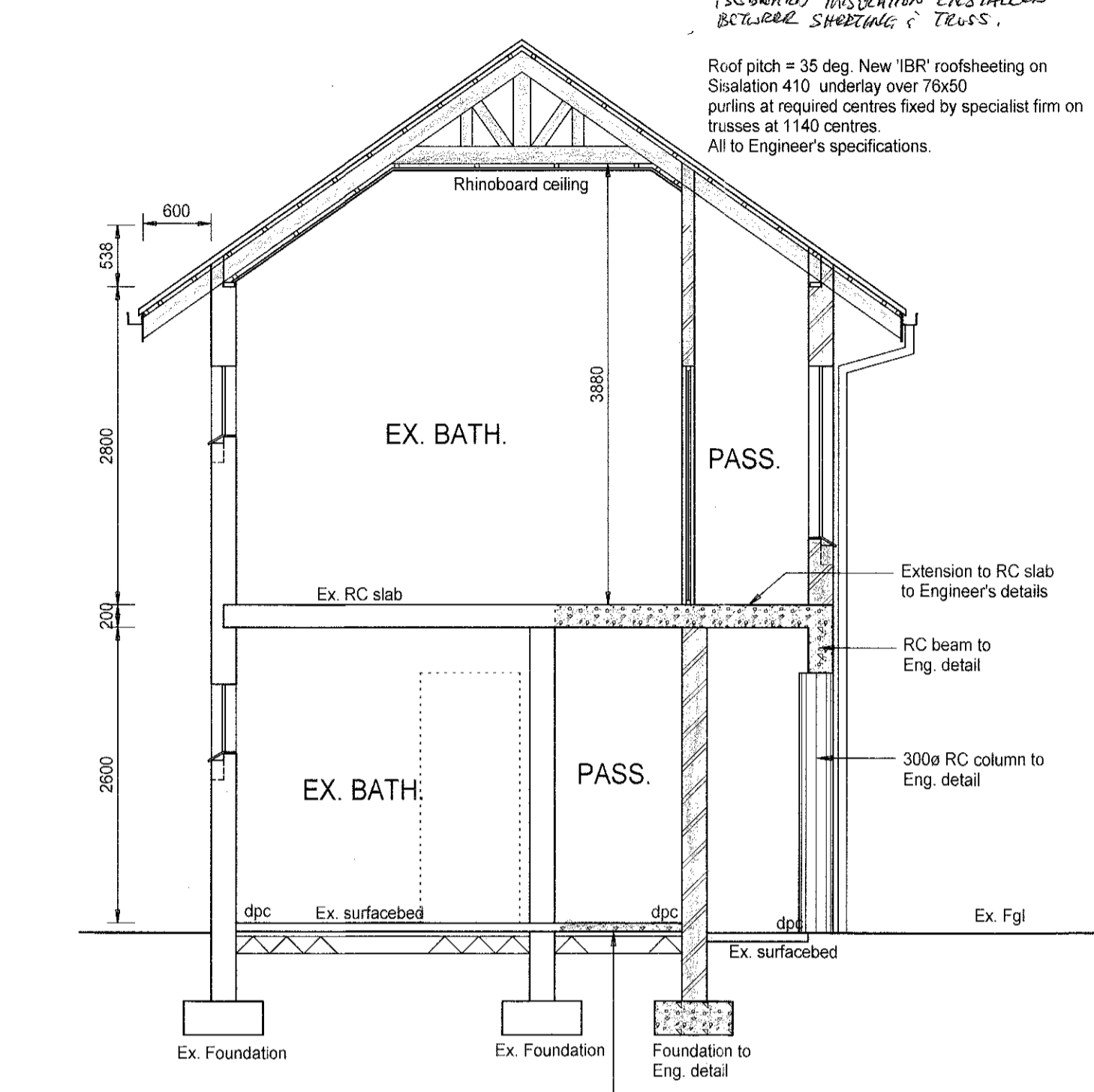
SOUTHWEST ELEVATION
SOUTH ELEVATION - OUTBUILDING
 scale 1:100



NORTHWEST ELEVATION
 scale 1:100

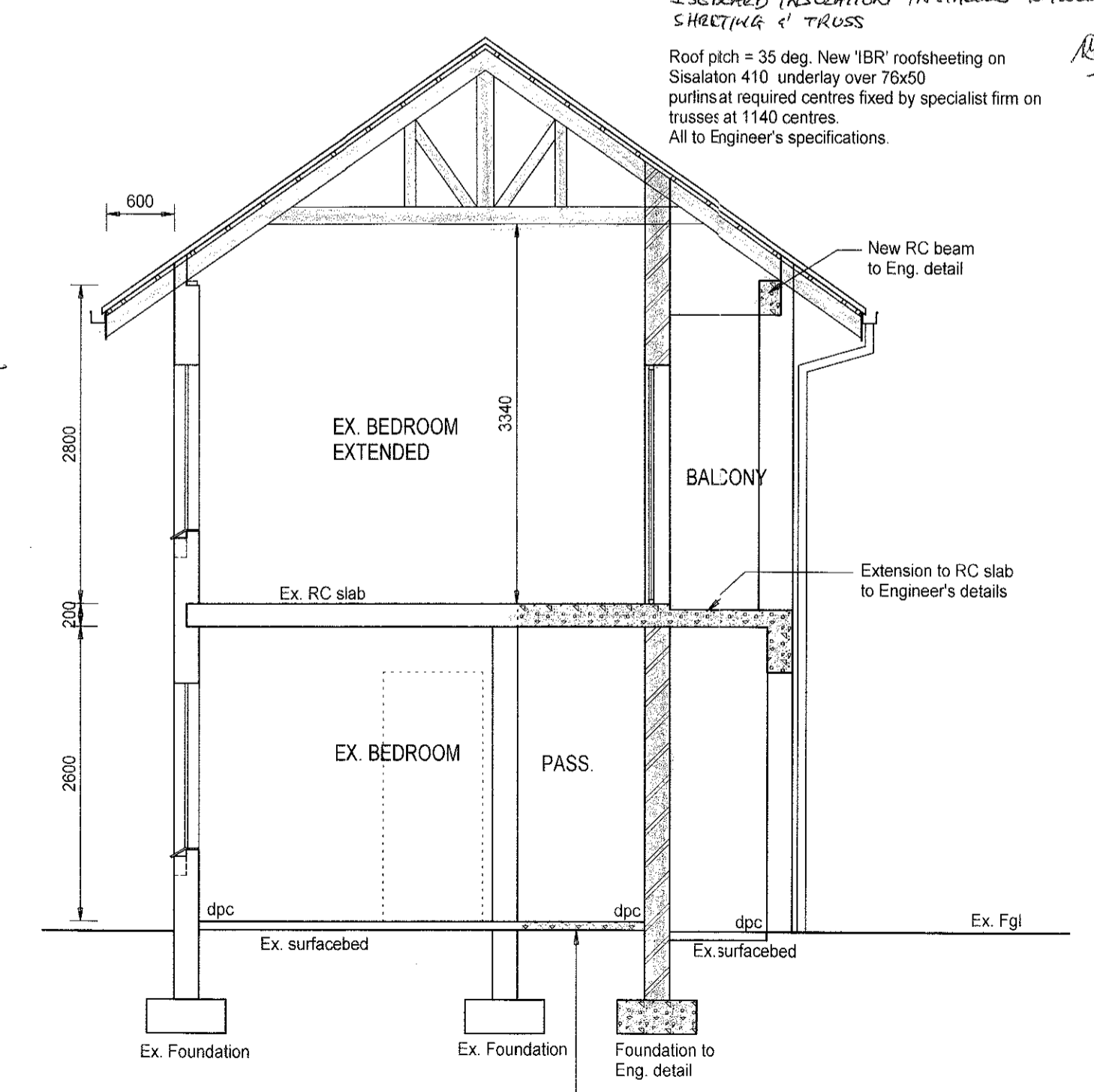


SOUTH EAST ELEVATION
 scale 1:100



SECTION A-A
 Scale 1:50

25mm cement screed on 100mm concrete slab reinforced with Ref 193 BRC mesh.
 40mm clean river sand blinding.
 250 micron USB Green Dpm under floor slab.
 150mm well compacted hardcore.
 250 micron USB Green Dpc laid under external wall.
 Floor finish to Owner's approval.



SECTION B-B
 Scale 1:50

ISOLATED INSULATION INSTALLED BETWEEN SHEETING & TRUSS.
 Roof pitch = 35 deg. New 'IBR' roofsheeting on Sisalaton 410 underlay over 76x50 purlins at required centres fixed by specialist firm on trusses at 1140 centres.
 All to Engineer's specifications.

RENEWABLE ENERGY INSTALLATIONS
 Attention is drawn to the current development rights of the adjoining properties which may potentially impact on your installation and/or the future effectiveness of your installation, should those rights be exercised.

M. NARRANDES (NHD Arch.)
 PROF. SEN. ARCH. TECH.
 ARCHITECTURAL DESIGN CONSULTANT
 SACAP NO. ST 0213 KZNIA (AFF.)

P.O. Box 1253 TONGAAT 4400
 TEL: 032-5863192(W)
 FAX: 032-5863177(W)
 CELL: 083 560 2235

Client Signature: *M. Honeywell*

Project Title
PROPOSED ADDITIONS & ALTERATIONS ON LOT 1688, DURBAN NORTH FOR MR. M. HONEYWELL
 39 GROSVENOR CRESCENT

Drawing Title	
SUBMISSION PLAN	
Scales	Revision
1:100 / 1:50	
Designed	Date
MN	22/03/2016
Checked	Drawn
	M NARRANDES
Drawing No.	Sheet
MN160/02	2 of 2

