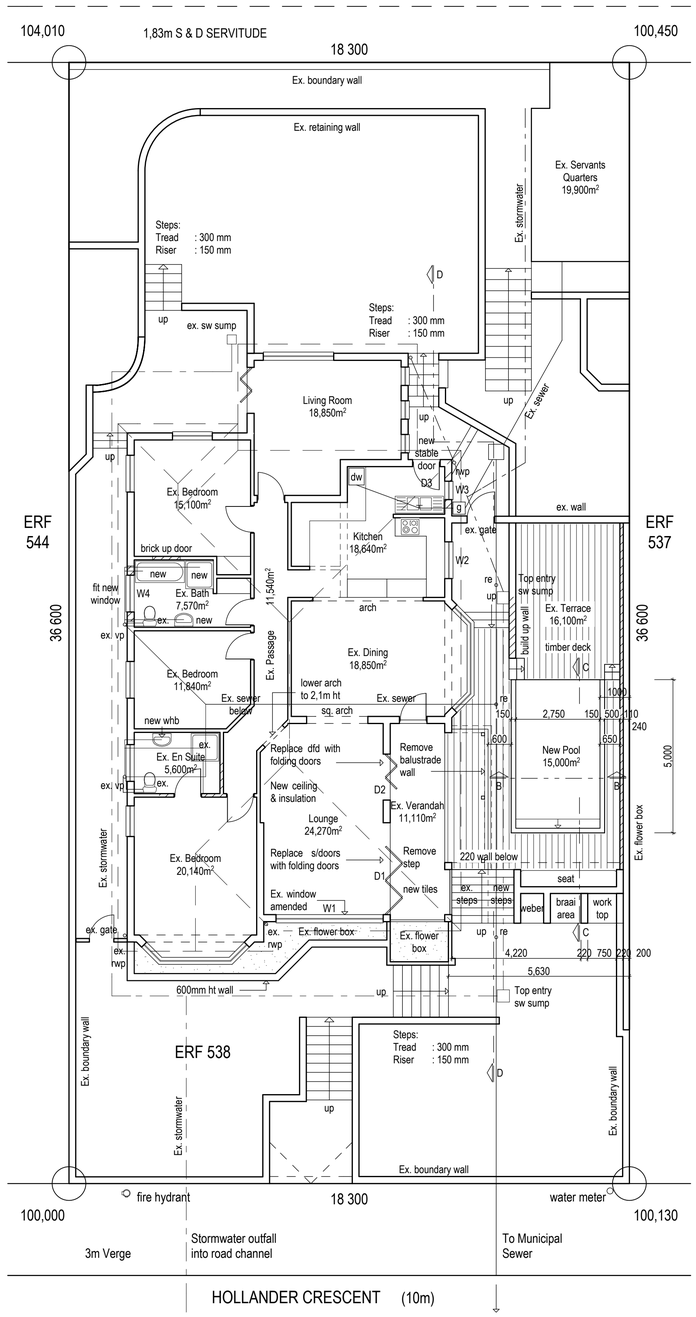
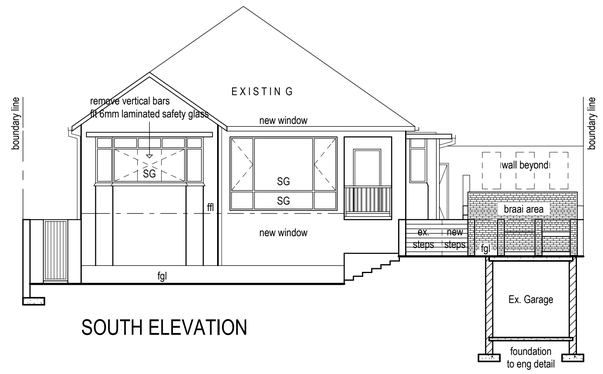
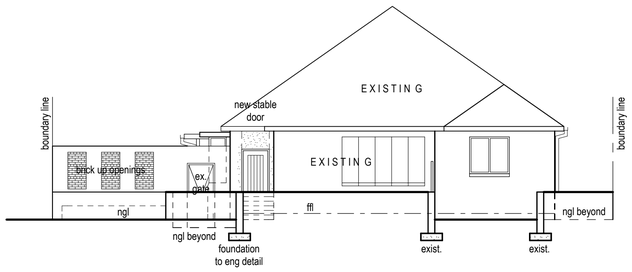
ARCHICAD EDUCATIONAL VERSION
GRAPHISOFT. Virtual Building Solutions



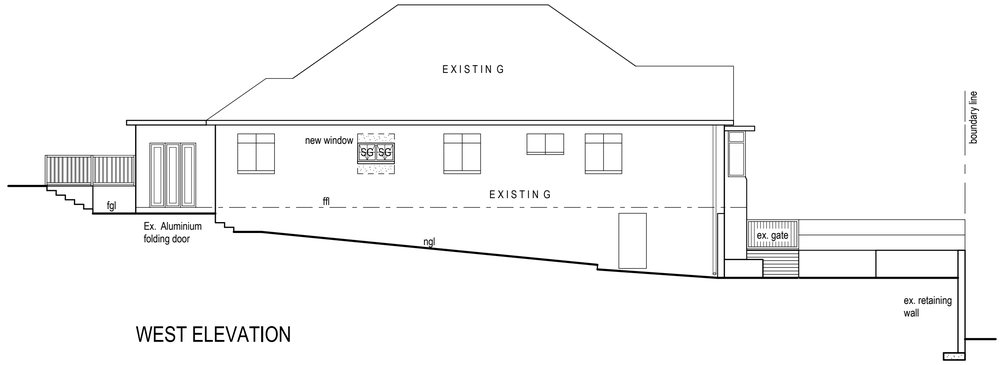
GROUND STOREY PLAN & SITE PLAN
1:100



SOUTH ELEVATION



NORTH ELEVATION

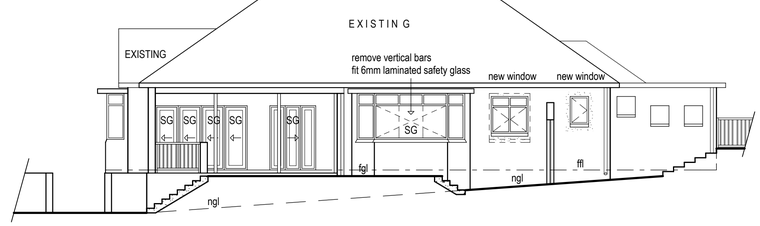


WEST ELEVATION

WINDOW SCHEDULE			
Window 1	Window 2	Window 3	Window 4
SG SG			
1 off 3500mmx2400mmht	Kitchen 1 off 1200mmx1200mmht	Kitchen 1 off 600mmx900mmht	1 off 900mmx600mmht
4mm Laminated Safety Glass	4mm Monolithic Annealed Glass Clear		4mm Laminated SG
White Aluminium window frames to match existing			

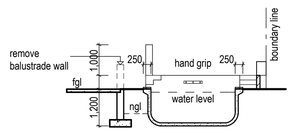
DOOR SCHEDULE		
Door 1	Door 2	Door 3
SG SG SG SG		
1 off 2400mmx2100mmht	2 off 1500mmx2100mmht	1 off 1500x2100ht
6mm Laminated Safety Glass		External
White Aluminium door frames to match existing windows		

BALUSTRADE NOTES:
BALUSTRADES TO COMPLY WITH PART B AND PART D 4.2.4 OF SANS 10:400
STAIR NOTES:
RC STAIRS TO ENGINEERS DETAIL
TREADS: 300mm
RISERS: 150mm

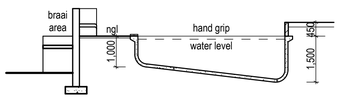


EASTELEVATION

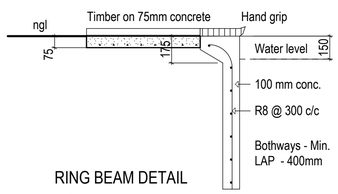
SECTION D - D



SECTION B - B



SECTION C - C



RING BEAM DETAIL
1:20

POOL DETAILS 1:100

NORTH

SCHEDULE OF AREAS		
SITE AREA:	= 668	m²
ADDITIONAL AREA (FEES)	= nil	m²
AWNING AREA	= nil	m²
EX. COVERAGE (Dwelling & O/b)	= 214,120	m²
EX. FLOOR AREA (Dwelling & O/b)	= 214,120	m²
EX. BASEMENT (Tandem Garage)	= 61,500	m²

Owners Signature:

PROPOSED ALTERATIONS & AND NEW POOL TO DWELLING ON,
ERF 538, DURBAN
AT, P/No. 121 HOLLANDER CRESCENT
FOR:
D.J. & J.J. KING

Tel No: 0	Dwg No: 07 / 2013
Scale: 1:100 / 1:20	Date: April 2013
Drawn: S.M.	Signature:

LUNAR PLANS
MOON MOODLEY
Professional Senior Architectural Technologist
ST0245
P.O. BOX 56677 CHATSWORTH 4030
(B): 031 - 401 6220
(F): 031 - 409 7100
(C): 084 409 6048
email: lunarplans@gmail.com

ROOF CONSTRUCTION:

WALLS: TO ENGINEERS SPECS
- 230mm / 220mm BRICKWORK
- PLASTER AND PAINT TO BOTH SIDES
- 2 COURSES OF BRICKWORK REINFOCED WITH BRICKFORCE AT WINDOW SILL AND WALLPLATE LEVELS
- PC LINTELS ABOVE OPENINGS TO ENGINEERS SPECS
- PROPORTIONS OF PORTLAND CEMENT TO DRY BUILDING SAND 1:3 BELOW GROUND LEVEL 1:5 GENERAL WORKS

FLOOR SLAB:
- 100mm CONCRETE RAFT SLAB REINFORCED WITH BRC MESH (REF. 100) TO R.C. ENGINEERS DETAILS ON 250 MICRON D.P.M. ON COMPACTED SOIL POISONED WITH 5% P.C.P. BY SPECIALIST.

SUSPENDED FLOORS, RC STAIRS AND RC BEAMS TO ENGINEERS DETAILS
FILL TO ENGINEERS SPECS

GLAZING:
- TO COMPLY WITH PART N OF SANS 10400:2011
- TIMBER FRAME WINDOWS AND DOORS
- GLAZING TO BE 6mm LAMINATED / SHATTERPROOF SAFETY GLASS TO FOLDING DOORS
- ANY GLASS LESS THAN 500mm OFF THE FLOOR TO BE 6 / 8 mm LAMINATED / SHATTERPROOF
- SHOWER DOORS TO BE 10mm LAMINATED SAFETY GLASS.
- GLAZING SIZES AS PER WINDOW SCHEDULE

DRAINAGE:
ANY DAMAGED FITTINGS TO BE REPALCED
SEWER CONNECTION TO BE EXPOSED PRIOR TO EXCAVATION
I.E's TO ALL BENDS AND JUNCTION
SOIL PIPES TO BE 110Ø PVC AND WASTE PIPES 50Ø PVC
GULLEY SURROUNDS - 150mm AND MANHOLE COVERS, 0,75mm ABOVE GROUND LEVEL.
HOT WATER PIPES TO NEW SINK TO BE INSULATED MINIMUM R-VALUE OF 1 LESS THAN 80mm DIAM.
STORMWATER TO EXISTING

POOL NOTES:
EARTH LEAKAGE EQUIPMENT TO BE FITTED ON ELECTRICAL SUPPLY
PRECAUTIONS TO BE TAKEN WITH REGARDS TO CONDENSATE
PUMP CHAMBER TO BE ADEQUATELY DRAINED
ELECTRICAL EQUIPMENT TO BE HOUSED
EXCESS FILL TO BE SPREAD OVER SITE
FILTRATION PLANT: PRECAUTION TO BE TAKEN AGAINST RAINWATER AND FLOODING
PLANT ARRANGEMENT AND FIXING TO MANUFACTURES SPECS
WASTE WATER TO BE SPREAD CVOER SITE VIA SAND FILTER
POOL AREA TO BE FENCED WITH SELF LOCKING GATE OR BOUNDARY WALLS WITH AUTOMATIC REMOTE CONTROL GATES
NON SKID PAVING TO SURROUND POOL AREA