

- ENVIRONMENTAL HEALTH REQUIREMENTS**
- A store room, with a floor area adequate in size for the storage of all dry goods, must be provided on the premises. However, upon application alternate and acceptable storage facilities may be considered and approved by this Department.
 - A suitable change room, separate for the sexes, must be provided for all employees engaged in the handling of foodstuffs. Suitable lockers must be provided for the storage of all personal clothing and other personal effects.
 - Adequate sanitary accommodation, separate for the sexes, must be provided for the staff and patrons.
 - A kitchen, with a minimum floor area of 18,5 sq. m, and a scullery with a minimum floor area of 4,6 sq. m, equipped with sink installations and a wash hand basin, must be provided on the premises.
 - The walls of the preparation and scullery areas must be suitably tiled or coated with an approved impervious material to a height of not less than 2m measured from the floor.
 - All electrical conducting and water pipes must be suitably chased into the walls and suitably plastered and rendered to a smooth finish.
 - The floors must be constructed of concrete or other similar solid and impervious material.
 - The ceilings provided on the premises must be made of approved impervious material finished with a smooth surface and rendered waterproof.
 - Fixtures and fittings of good sound material and construction, without crevices and interstices, must be provided.
 - The premises must be suitably ventilated in terms of Part O of the NBR. In this connection if artificial ventilation is provided, the air flow rate from the outside air to the kitchen must not be less than 17,5 lit per person and 7,5 lit per person to the other areas. The air must be evenly and uniformly distributed / circulated throughout the kitchen without creating an air velocity of more than 0,5 m/s.
 - An adequate and suitably rodent-proofed refuse receptacle storage area, fitted with a standpipe and drained to a gully, must be provided for the temporary storage of all waste generated on the premises.
 - The premises must be suitably rodent-proofed by affixing a 230mm metal flashing to the lower external surface of all wooden doors and door frames.
 - Suitable and adequate refrigerated storage accommodation must be provided for the storage of all perishable foodstuffs.
 - A suitable facility capable of maintaining a temperature of not more than 7° C or less than 63° C for the storage and/or display of foodstuffs liable to decomposition or deterioration at ordinary ambient temperatures, must be provided on the premises.
 - A wash hand basin, fitted with a constant supply of hot and cold water and connected to the approved drainage system, must be provided in the shop/kitchen. Adequate soap, towels and a nail brush must be provided in conjunction with the wash hand basin.
 - A suitable twin bowl stainless steel sink with a minimum capacity of 0,07 cubic m and a deep bowl pot wash sink with a minimum capacity of 0,15 cubic m, fitted with a constant supply of hot and cold water and connected to the approved drainage system, must be provided in the kitchen/scullery. Such sink installations must discharge over an open disconnecting gully or into an approved grease trap before being connected to the Municipal waste water system.
 - The details of the Pest Control Company contracted to service the above-mentioned premises and the frequency of such pest control services, must be provided to this Department.
 - An Application Form for the Certificate of Acceptability should be filled. Such form must be duly completed by the applicant and returned to this office so that a Certificate of Acceptability can be issued to the Applicant.
 - A suitable waste management plan must be put in place for the handling, storage, transport and disposal of all waste generated on the premises.

- FIRE NOTES:** as per SANS 10400
- Structural elements and components to comply T4.7, to Engineers detail.
 - Partition walls to comply with T4.9.
 - Unprotected steel to be min 6mm thick.
 - 30m FHR's to comply with sabs 543 and T4.34, (1/500m² Floor area)
 - Hydrants to be provided in accordance with T4.35, To Engineers detail.
 - Portable fire extinguishers to comply with T4.37, (1/200m² Floor area)
 - Locks to escape and access doors to comply with T4.19
 - Fire doors to comply with T4.10.5, T4.10.4 AND T4.10.5 (Class b and to open in direction of escape routes, T4.10)
 - Emergency lights to comply with T4.30
 - Emergency routes as per T4.19 & T4.16, to be clearly marked and signposted to comply with T4.29.
 - Markings and signposting as per T4.29 AND T4.32, T4.44, T4.55.4 T4.45.
 - Roof assembly and coverings as per T4.12.
 - Fire resistance of occupancy and division separating elements as per T4.4.6.
 - Floor coverings as per T4.14.
 - Ceilings to comply with T4.13.
 - Fire detection system to mechanical eng spec.
 - Wall finishes as per T4.15.
 - Protection in services shafts as per T4.40.
 - Urinals to comply with T4.46.
 - All fire reticulation pipework to be BMS hot dip galvanised.
 - Water reticulation as per SANS 10400 PART W4.5, to engineers detail.
 - Water reticulation for fire to comply with T4.33, to engineers detail.
 - Protection of openings to comply with T110.
 - Provision of fire equipment as per T4.32.
 - Provision of access routes for firefighting to comply with T4.65.

- PLUMBING & DRAINAGE - GENERAL NOTES**
- The design and drainage installation is to comply with part p of the relevant building regulations and any requirements of the relevant local authority, and is the responsibility of the plumbing contractor to ensure compliance therewith. All stormwater, soil pipes to be confirmed and designed by the respective Eng.
 - The municipal sewer connection point is to be exposed prior to commencing any drainage installation, and the level verified. Any discrepancies are to be reported to the Archt prior to commencing work.
 - The sewer sections shown indicate the design intention only and are to be verified by the plumbing contractor and any discrepancies or proposed alterations are to be reported to the architect prior to the stormwater and sewer drainage is to be to the civil engineer's detail.
 - Sanitary fixtures to be provided in compliance with the Machinery and Occupational Safety Act and the latest amendment of the NBR(SANS 10400).
 - Cold running water is required to all washing facilities.
 - All plumbing and water supply pipes are to be internal or chassed into walls, no exposed pipes to the face of the building permitted without the approval of the Architect.
 - Soil pipes are to be minimum 100 dia pvc. To Eng detail.
 - Waste pipes are to be minimum 50 dia pvc. To Eng detail.
 - IE's are required to all bends and junctions.
 - All RE's are to comply with PP21 of the nbr. To eng detail.
 - All gully surrounds to be 75mm above finished ground level.
 - The water supply is to comply with part W of the nbr.
 - Waste water branch drains over 6m long to comply with PP18.4 Section C.
 - Where plumbing pipes are laid in the building structure through slabs or walls beneath (i.g.) appropriate approved measures are to be taken to ensure the junction between pipe and slab / wall is to be waterproof.

- SITE & EXCAVATIONS - GENERAL NOTES**
- Contractor is to check all dimensions and levels before commencing work and report any discrepancies to the Architect.
 - If the site is found to contain clay, shale, ground water are to be to professional Engineers details and built under his supervision.
 - All foundations to be taken to hard, virgin ground. No back filling over excavated areas will be permitted. Foundation depths to be determined on site.
 - All filling, whether obtained from the excavations, stockpiles or supplied by the Contractor must be approved by the Engineer.

- WATER CONSUMPTION NOTES:**
- Water flow demand to comply with SANS 10252 part 4.2.2.
 - Components and fitting comply with PART 5.1.5.
 - Pipes and pipe fittings are to satisfy SANS 10252-1 PART 5.2.
 - Plastic materials shall be selected and used in accordance with relevant standards and the manufactures recommendations.
 - WC pans and wall hung urinals shall comply with the performance requirements in SANS407.
 - Low flushing capacity 4.5L flushing system shall comply with SANS 1733.
 - Messalls: tapstand mixers shall comply with requirements in SANS 226, 1480, 1808-9, 1808-30 or 1808-66 as relevant.
 - Pipes laid underground to comply with requirements of Section 8.6.1 of SANS 10252-1
 - Pipes laid under walls or under surface slabs to comply with requirements of Section 8.6.2 of SANS 10252-1.
 - Pipes laid in or through floors, concrete slabs or walls to comply with requirements of Section 8.6.3 of SANS 10252-1.

SCHEDULE OF AREAS

SITE AREA.....	4047,69 sqm
PROPOSED COVERAGE.....	884,73 sqm

FAR CALCULATIONS

GROUND FLOOR F.A.R.....	627,9 sqm
FIRST FLOOR F.A.R.....	462,3 sqm
TOTAL F.A.R.....	1090,2 sqm

AREA FOR FEES

GROUND FLOOR.....	716,6 sqm
FIRST FLOOR.....	494,18 sqm
TOTAL AREA FOR FEES.....	1200,9 sqm

PARKING

TOTAL PARKING PROVIDED.....	81
-----------------------------	----

LOCAL AUTHORITY STAMP

No.	Revision	Date
A	ISSUED FOR INFORMATION ONLY	02/05/17
B	Shown revised parking layout. Revised general notes. Shown soakpit. Added signature title.	24/02/18
C	Retained existing trees on site. Added trees legend.	05/06/18
D	1. Shown existing buildings on site. 2. Shown existing trees to be retained on site. 3. Revised parking layout and shown parking dimensions. 4. Added disabled parking. 5. Added stormwater drains to driveways.	08/09/18

ALL WORK TO COMPLY WITH RELEVANT MUNIC. ARCHITECTURAL PLANNING, & DEVELOPMENT CONTROL.

GENERAL NOTES:
FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALING.
ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH NBR SANS 10400 & LOCAL AUTHORITY BYELAWS.
NO PORTION OF WORK TO ENCRUSCH ON ADJACENT PROPERTIES.
ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK.
THIS DRAWING IS COPYRIGHT AND REMAINS WITH THE ARCHITECT.

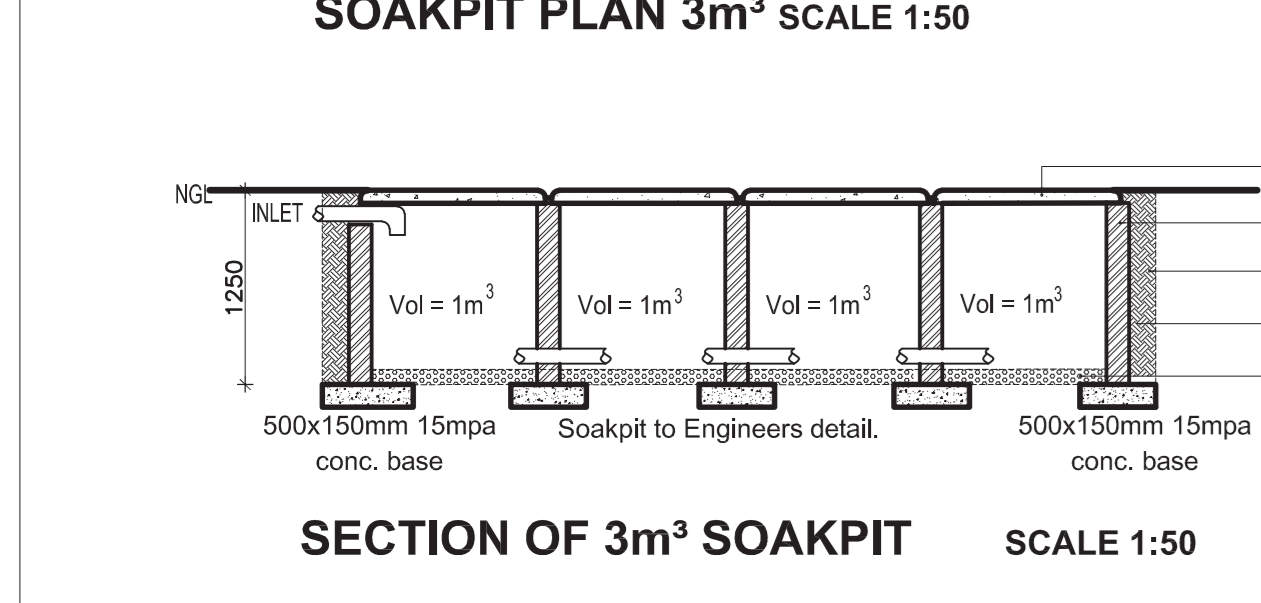
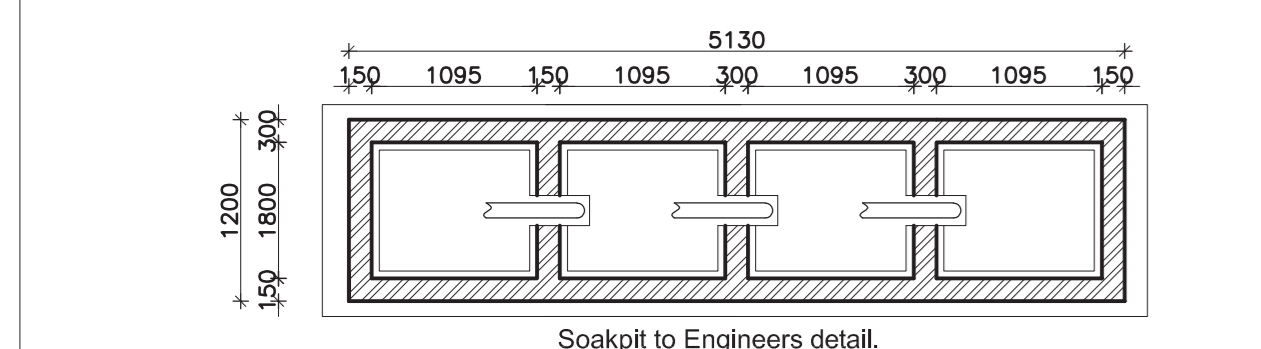
P.O Box 236
Clermontville
3602
Cell: 083 689 7976
Fax : 086 541 0763
Contact Person:
Spheliso Muvundla

PROPOSED ADDITIONS AND ALTERATIONS
ERF 982 and 985 QUEENSBURG
2731 CORONATION ROAD

OWNER
THE CONGREGATIONAL CHURCH OF QUEENSBURG

Date: 08/02/18 DWG No: DR001-02-14 SHEET 1 OF 4
Drawn: [Signature]
Checked: [Signature]
MUNICIPALITY OF QUEENSBURG
GREEN BUILDING REGULATORY BOARD

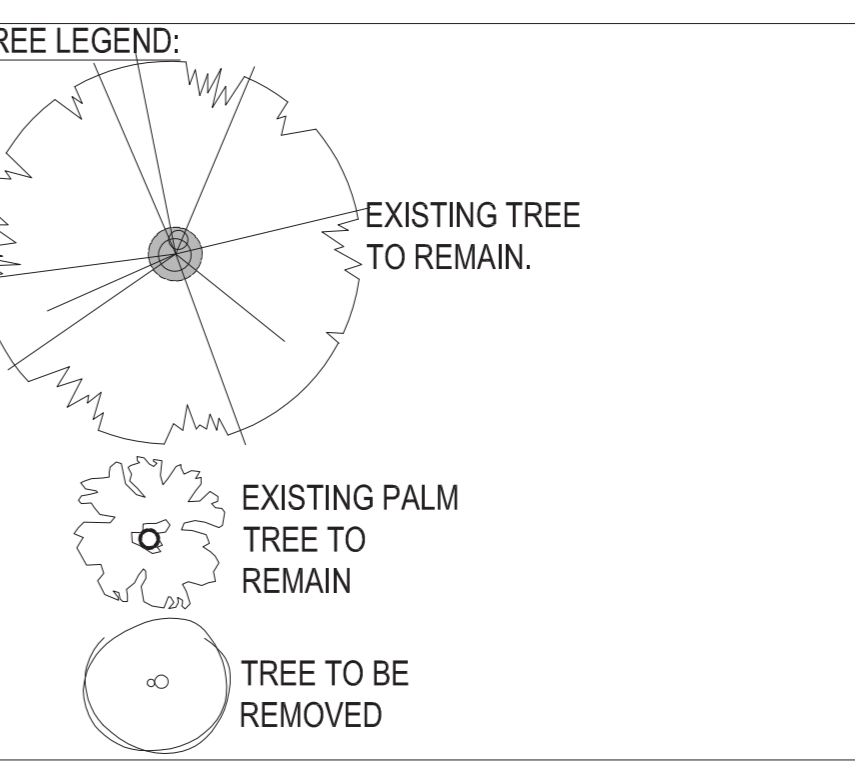
SITE PLAN SCALE: 100

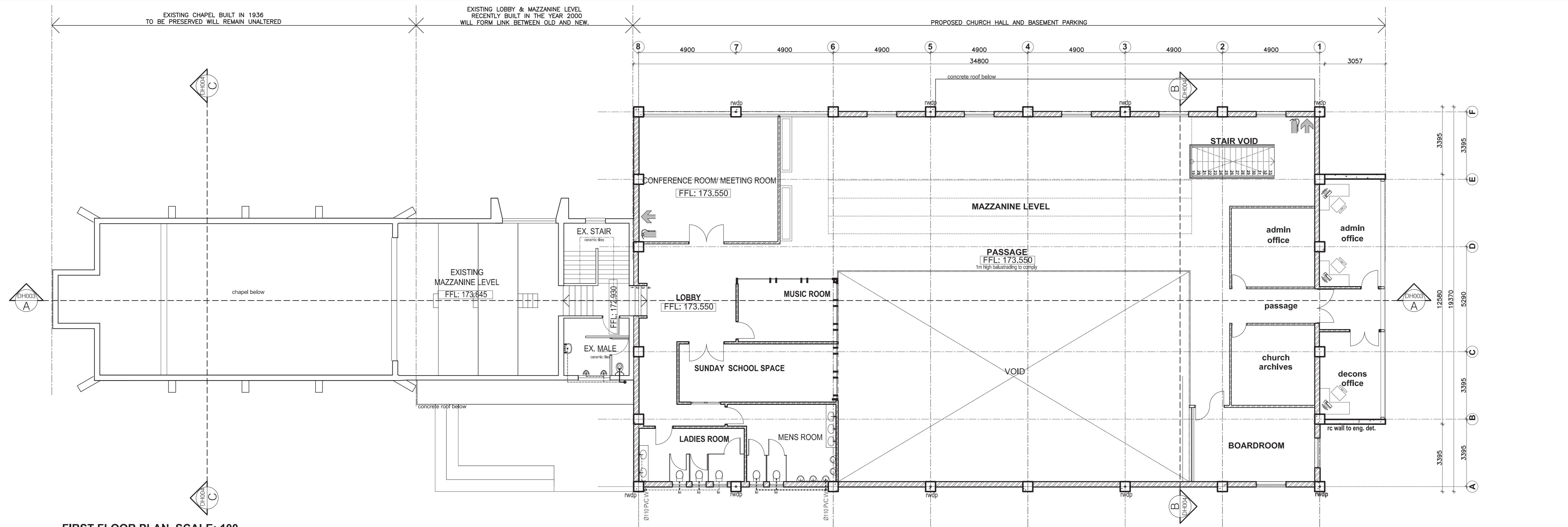


DRIVEWAY SECTION SCALE 1:100

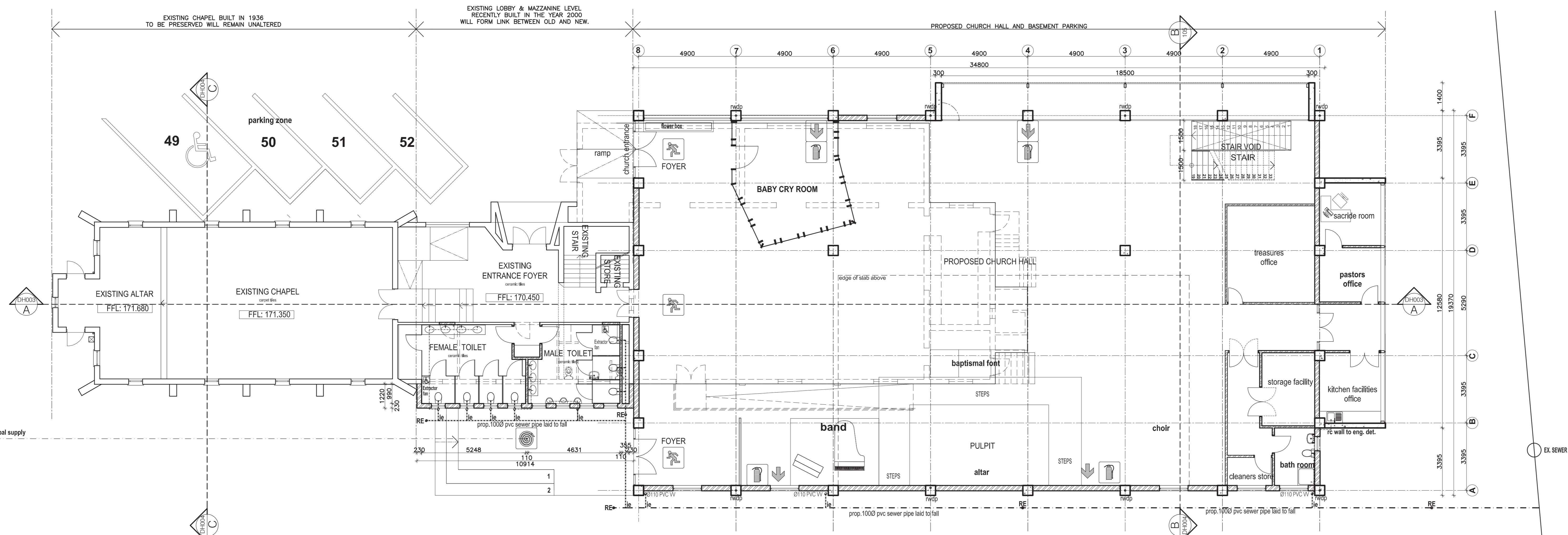
OWNER:	LOT NO. & ADDRESS:	ID NO:	TEL NO:	SIGNATURE:
	Lot No.			
	Lot No.			
	Lot No.			

- SERVICES LEGEND:**
- SW TO ENG. DETAIL
 - MUN. SW
 - SW LINE TO BE REMOVED
 - MUN SEWER LINE
 - NEW FHR SUPPLY
 - SW GRATE TO ENG DET
 - SW SURFACE DRAIN TO ENG DET
 - NEW SEWER PIPE
 - WASTE PIPE
 - HARVESTED WATER
 - VEHICLE TRAVEL DIRECTION

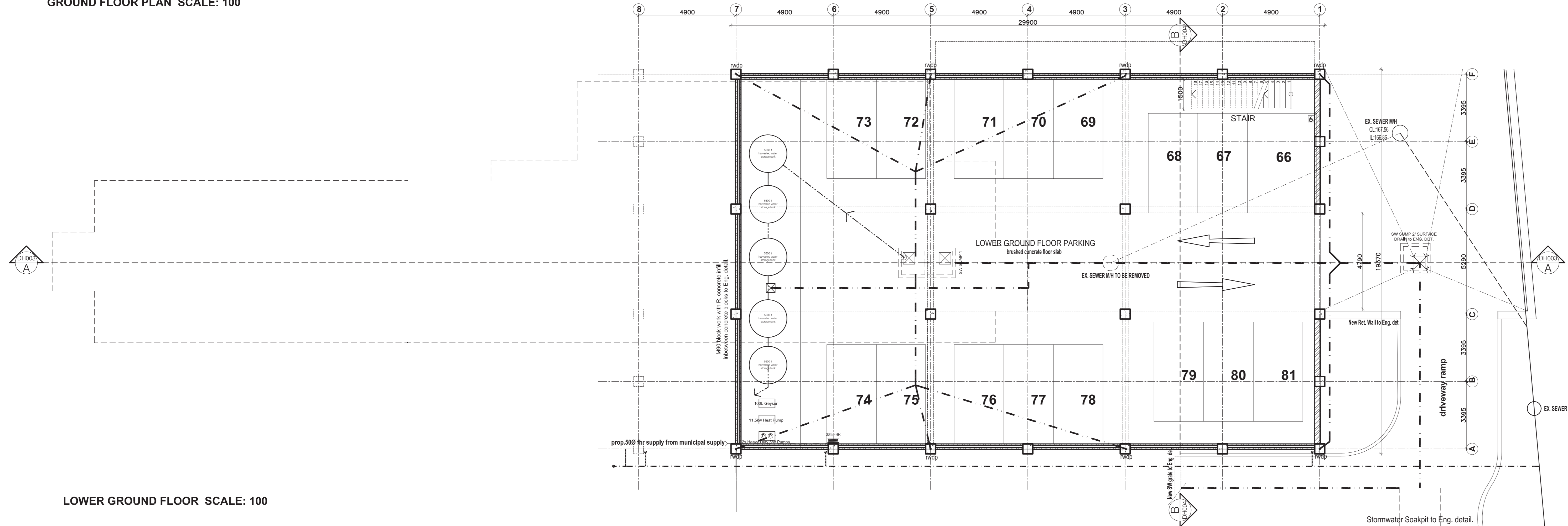




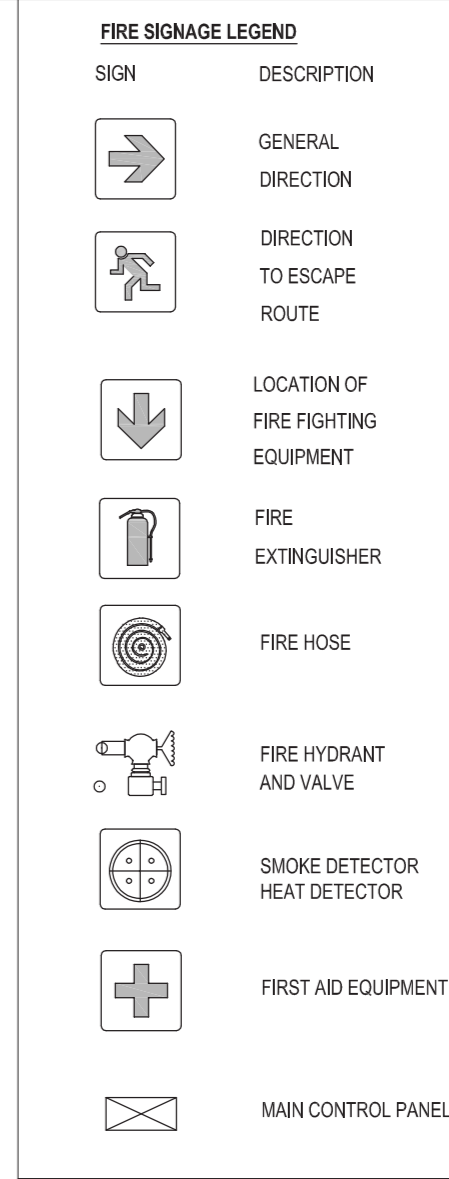
FIRST FLOOR PLAN SCALE: 100



GROUND FLOOR PLAN SCALE: 100



LOWER GROUND FLOOR SCALE: 100



- FIRE NOTES:** as per SANS 10400
- Structural elements and components to COMPLY T4.7, to Engineers detail.
 - Partition walls to comply with T4.9.
 - Unprotected steel to be min 6mm Thick.
 - 30m FHR to comply with sabs 543 and T4.34. (1/500m² Floor area)
 - Hydrants to be provided in accordance with T4.35. To Engineers detail.
 - Portable fire extinguishers to comply with T4.37. (1/200m² Floor area)
 - Locks to escape and access doors to comply with T4.10
 - Fire doors to comply with T4.10.3, T4.10.4 AND T4.10.5 (Class B and to open in direction of escape route. T4.10)
 - Emergency lights to comply with T4.33
 - Emergency routes as per T4.19 & T4.16. be clearly marked and signposted to comply with T4.29.
 - Markings and signposting as per T4.29 AND T4.32. T4.44, T4.55.4 T4.65.
 - Roof assembly and coverings as per T4.12.
 - Fire resistance of occupancy and division separating elements as per T4.6.6.
 - Floor coverings as per T4.14.
 - Ceilings to comply with T4.13.
 - Fire detection system to mechanical eng spec.
 - Wall finishes as per T4.15.
 - Protection in services shafts as per T4.40.
 - Lifts to comply with T4.46.
 - All fire reticulating pipework to be BMS hot dip galvanised.
 - Water reticulation as per SANS 10400 PART W4.5, to engineers detail.
 - Water reticulation for fire to comply with T4.33, to engineers detail.
 - Protection of openings to comply with T4.10.
 - Provision of fire equipment as per T4.32.
 - Provision of access routes for firefighting to comply with T4.65.

- PLUMBING & DRAINAGE - GENERAL NOTES**
- The design and drainage installation is to comply with part p of the national building regulations and any requirements of the relevant local authority, and is the responsibility of the plumbing contractor to ensure compliance therewith. All stormwater, soil pipes to be confirmed and designed by the respective Eng.
 - The municipal sewer connection point is to be exposed prior to commencing any drainage installation, and the level verified. Any discrepancies are to be reported to the Arch. prior to commencing work.
 - The sewer sections shown indicate the design intention only and are to be verified by the plumbing contractor and any discrepancies or proposed alterations are to be reported to the architect prior to commencing work.
 - The stormwater and sewer drainage is to be to the civil engineer's detail.
 - Sanitary fixtures to be provided in compliance with the Machinery and Occupational Safety Act and the latest amendment of the NBR/SANS 10400.
 - Cold running water is required to all washing facilities.
 - All plumbing and water supply pipes are to be internal or chased into walls, no exposed pipes to the face of the building permitted without the approval of the Architect.
 - Soil pipes are to be minimum 100 dia pvc. To Eng. detail.
 - Waste pipes are to be minimum 50 dia pvc. To Eng. detail.
 - IEs are required to all brands and junctions.
 - All REs are to comply with P2 of the NBR. To Eng. detail.
 - All gully surrounds to be 75mm above finished ground level.
 - The water supply is to comply with part V of the NBR.
 - Waste water branch drains over 6m long to comply with PP18.4 Section C.
 - Where plumbing pipes are laid in the building structure through slabs or walls beneath (i.e., appropriate approved measures are to be taken to ensure the junction between pipe and slab / wall is to be waterproof.

- SITE & EXCAVATIONS - GENERAL NOTES**
- Contractor is to check all dimensions and levels before commencing work and report any discrepancies to the Architect.
 - If the site is found to contain clay, shale, ground water are to be to professional Engineers details and built under his supervision.
 - All foundations to be taken to hard, virgin ground. No back filling over excavated areas will be permitted. Foundation depths to be determined on site.
- WATER CONSUMPTION NOTES:**
- Water flow demand to comply with SANS 10252 part 4.2.2.2.
 - Components and fittings comply with PART 5.1.5.
 - Pipes and pipe fittings are to satisfy SANS 10252-1 PART 5.2.
 - Plastic materials shall be selected and used in accordance with relevant standards and the manufacturers recommendations.
 - WC pans and wall hung urinals shall comply with the performance requirements in SANS497.
 - Low flushing capacity 4.5L flushing system shall comply with SANS 1733.
 - Metallic taps and mixers shall comply with requirements in SANS 226, 1480, 1808-9, 1808-30 or 1808-56 as relevant.
 - Pipes laid underground to comply with requirements of Section 8.6.1 of SANS 10252-1
 - Pipes laid under walls or under surface slabs to comply with requirements of Section 8.6.2 of SANS 10252-1.
 - Pipes laid in or through floors, concrete slabs or walls to comply with requirements of Section 8.6.3 of SANS 10252-1.

- GENERAL CONSTRUCTION NOTES:**
- All construction work, materials and installations, including contractor and all sub-contractor based, is to comply with all Local Authority, Government, NBR requirements and SANS 10400 Standards that apply. The contractor and all sub-contractors are to be registered with the applicable professional councils / organizations. Where conflicts, discrepancies or uncertainties may exist, confirmation from the Architect is to be obtained before work is put to hand.
 - Outer face of inner skin of brickwork bagged and sealed with two coats Bituxal bitumen emulsion waterproof coating.
 - Brickwork to non-cavity walls every third course of brickwork, every course of brickwork above openings, and around openings to comply with SABS 785.
 - Battery face to cavity walls and at junctions of walls to Engineer's detail, where possible, junctions are to be toothed keyed and bonded.
 - Internal cement plaster to comprise 12mm thick (1:5 cement/sand mix), unless otherwise stated.
 - External cement plaster to comprise 12mm thick (1:4 cement/sand mix), unless otherwise stated.
 - Granolithic screed to comprise (1:3 cement/sand mix), thickness as specified.
 - 375mm DPC at all window head and sill, (unless otherwise stated) built in to detail.
 - 375mm stepped DPC at all wall/floor junctions.
 - 250mm Curplex uco green DPM under all ground slabs with continuously tapered sealed joints with minimum 150mm overlap on minimum 50mm sand blinding; laid over brickwork, under DPC. Soil beneath to be polystyrene.
 - Floor levels including finish to achieve 40mm cover above top of concrete, unless otherwise indicated.
 - 3x30mm brass step between all floor finish changes.

SCHEDULE OF AREAS

SITE AREA.....	4047,69 sqm
PROPOSED COVERAGE.....	884,73 sqm

FAR CALCULATIONS

GROUND FLOOR F.A.R.....	627,9 sqm
FIRST FLOOR F.A.R.....	452,2 sqm
TOTAL F.A.R.....	1080,2 sqm

AREA FOR FEES

GROUND FLOOR.....	716,6 sqm
FIRST FLOOR.....	484,18 sqm
TOTAL AREA FOR FEES.....	1200,9 sqm

PARKING

TOTAL PARKING PROVIDED.....	81
-----------------------------	----

LOCAL AUTHORITY STAMP

No.	Revision	Date
A	ISSUED FOR INFORMATION ONLY	02/05/17
B	Shown revised Ground floor & first floor. Building pulled away from the existing structure. Shown extended basement for parking. Shown stormwater reticulation on the lower ground floor, revised general notes. Shown existing Mazzanine level and abutments.	24/02/16
C	1. Shown revised parking bays on basement plan 2. Shown revised sewer layout.	08/06/16

ALL WORK TO COMPLY WITH RELEVANT MUNIC. ARCHITECTURAL PLANNING & DEVELOPMENT CONTROL.

GENERAL NOTES:
 ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH NBR SANS 10400 & LOCAL AUTHORITY BYELAWS.
 NO PORTION OF WORK TO ENCRoACH ON ADJACENT PROPERTIES.
 ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK.
 THIS DRAWING IS COPYRIGHT AND REMAINS WITH THE ARCHITECT.

P.O. Box 236
 Clermontville
 3602
 Cell: 083 689 7976
 Fax: 086 541 0763
 Contact Person:
 Sphelele Muvundla

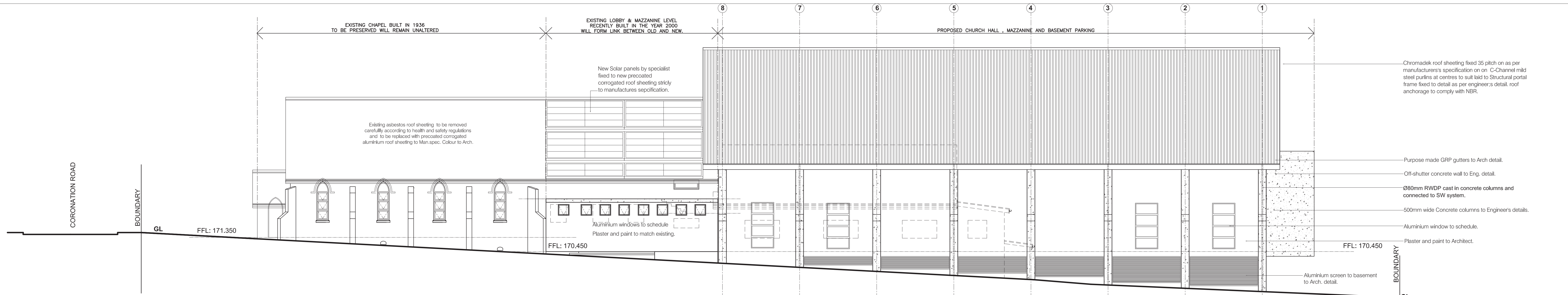


JOB DESCRIPTION:
 PROPOSED ADDITIONS AND ALTERATIONS
 ERF 982 and 985 QUEENSBURG
 2731 CORONATION ROAD

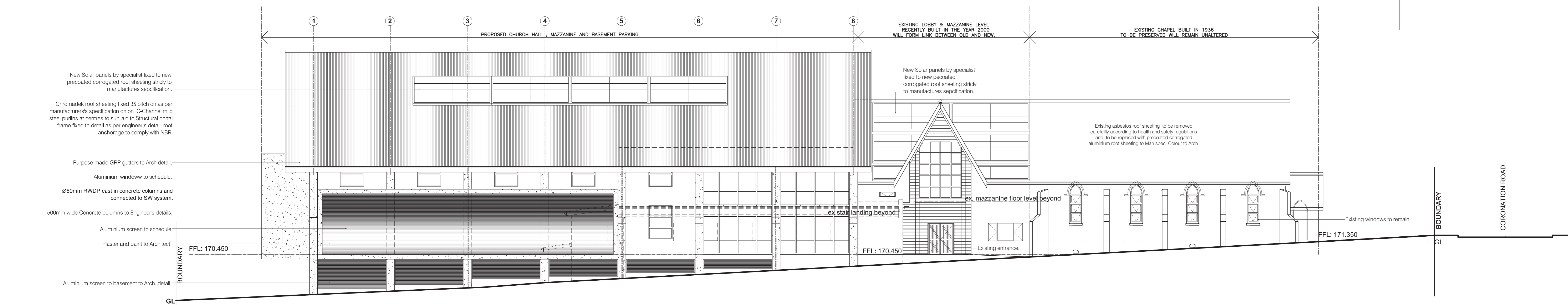
SITE ADD.:
 ERF 982 and 985 QUEENSBURG
 2731 CORONATION ROAD

OWNER:
 THE CONGREGATIONAL CHURCH OF QUEENSBURG

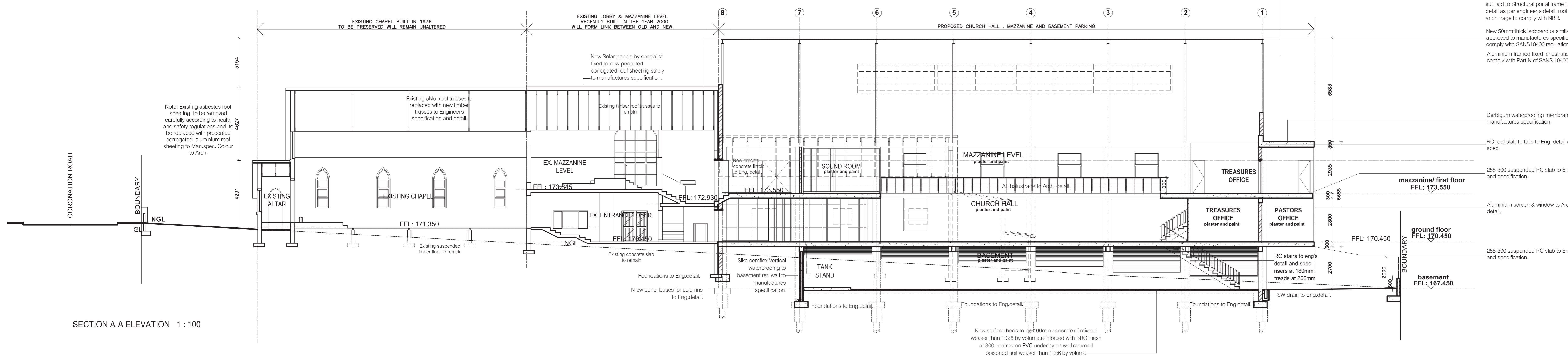
Date: 08/02/18 DWG No: DR002-09-14 SHEET 2 OF 4
 Drawn: [Signature]
 Checked: [Signature]
 NATIONAL HOME BUILDING REGISTRATION BOARD
 GREEN BUILDING COUNCIL OF SOUTH AFRICA



SOUTH ELEVATION 1 : 100



NORTH ELEVATION 1 : 100



SECTION A-A ELEVATION 1 : 100

NOTES IN RESPECT OF SA NATIONAL STANDARD FOR THE APPLICATION OF NATIONAL BUILDING REGULATIONS SANS 10400

PART A GENERAL PRINCIPLES AND REQUIREMENTS
 all work to be carried out strictly in accordance with NBR SANS 10600 & LOCAL AUTHORITY BYE-LAWS.
 NO PORTION OF WORK TO ENDOUR ON ADJACENT PROPERTIES.
 ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK.
 THIS DRAWING IS COPYRIGHT AND REMAINS WITH THE ARCHITECT.

PART B STRUCTURAL DESIGN
 all structural design, if not designed by a competent person, shall comply with part b sans 10400 all structural design as per rational design by competent person.

PART C DIMENSIONS
 all dimensions of any room or space to comply with the requirements of part c sans 10400

PART D PUBLIC SAFETY
 all balustrading to comply with p4.2 & d1 (annex a) pedestrian entrances to parking areas in buildings to comply with p4.2 (annex a)

PART E SITE OPERATIONS
 all site operations to comply with part e sans 10400

PART F EXCAVATIONS
 all excavations relating to a building to comply with p4.1 & p4.2
 all excavations as per rational design by competent person

PART G FOUNDATIONS
 all foundations to comply with part g of sans 10400
 all foundations as per rational design by competent person

PART H FLOORS
 all floors to comply with (annex a) i) all water resistant floors to comply with p4.2
 all suspended timber floors not exposed to the elements to comply with p4.3
 all concrete floor slabs to comply with p4.4
 all floors as per rational design by competent person

PART I WALLS
 all masonry walls to comply with p4.2 & k1 - k2 (annex a)
 all linets to comply with b1 (annex b) of part k
 all timber framed walls to comply with p4.3
 fixing of roof to concrete elements to comply with p4.4 & k3 (annex a)
 all waterproofing to walls to comply with p4.5 & c1 (annex c) of part k
 all fire performance and resistance of walls to comply with p4.6 & k4 (annex a)

PART J ROOFS
 all roof assemblies to comply with p4.1
 all waterproofing and coverings to pitched roofs to comply with p4.2
 all flat roofs to comply with p4.3
 all timber roof construction to comply with p4.4 the fire resistance and combustibility of the roof assembly to comply with p4.5
 roof as per rational design by competent person

PART K STAIRWAYS
 all stairways to comply with m4.1
 dimensions of stairways to be in compliance with m4.2
 all balustrading to comply with m4.3
 all masonry stairways to comply with m4.4
 all timber stairways to comply with m4.5
 stairways as per rational design by competent person

PART L GLAZING
 all glazing to comply with part n4, n1 (annex a) and annex regulations
 glazing & glazing structure as per rational design by competent person
 part o lighting & ventilation
 all lighting and ventilation to comply with part o4.1
 all areas to be artificially and naturally lit to comply with part o4.2 of sans 10400
 all natural and mechanical ventilation to be provided in accordance with part o4.3 of sans 10400
 building to comply in terms with the tobacco control legislation as per part o4.4 of sans 10400
 lighting and ventilation as per rational design by competent person

PART M DRAINAGE
 all pipe joints to comply with p4.2
 all sanitary fixtures to be in accordance with p4.3, p4.4 & p4.5
 all conservancy tanks, septic tanks & french drains to comply with p4.8
 all discharges from washing areas to comply with p4.9
 all discharges from swimming baths, pools, fountains or reservoirs to comply with p4.10
 all sanitary fixtures to be provided in accordance with p4.11
 all hydraulic loading of drainage installations to be installed in accordance of p4.12
 all drainage systems to comply with p4.13
 all sizing of discharge pipes to comply with p4.14
 all drain sizes shall comply with p4.15
 all sanitary fixtures to have traps in accordance with p4.16
 all sizing of ventilation pipes to comply with p4.17
 all discharge & ventilating pipes to be installed in compliance with p4.18
 all drains to be accessible in accordance with p4.19
 all traps to be provided in accordance with requirements of p4.20
 gully to comply with requirements of p4.21
 all drains to be laid in accordance with p4.22 & p4.23
 grease interceptors shall be provided in accordance with p4.24
 all discharges in accordance with p4.8
 any inaccessible concealed space with a max. dimension of more than 5m to be fire stopped in accordance with p4.38
 service shafts to comply with p4.40
 service pipes, conduits & sleeves to comply with p4.41
 provision to be made for smoke ventilation in accordance with p4.42, designed by professional engineer & certificate issued on completion

PART N NON-WATER BORNE MEANS OF SANITARY DISPOSAL
 all non-water borne means of sanitary disposal shall comply with part q sans 10400
 all non-water borne means of sanitary disposal as per rational design by competent person

PART O STORMWATER DISPOSAL
 all stormwater disposal to comply with part r sans 10400
 all stormwater as per rational design by competent person

PART P FACILITIES FOR PERSONS WITH DISABILITIES
 all facilities for persons with disabilities to comply with part s sans 10400
 all circulation to be provided in accordance with s4.3
 all accessible routes to comply with s4.5, s4.6 & s4.7
 ramps to be provided in accordance with s4.8
 all lifts to be provided in accordance with s4.11
 all accessible routes to comply with s4.12
 all openings in floors to comply with s4.26
 external stairways and passages to comply with s4.27

PART Q FIRE PROTECTION
 all safety distances to comply with h4.2
 all materials to comply with h4.5
 fire resistance of division separating elements to comply with h4.6
 all structural elements & components to comply with h4.7
 tenancy separating elements to comply with h4.8
 internal partitions and walls to comply with h4.9
 all openings to be protected in compliance with h4.10
 roof assemblies & coverings to comply with h4.12
 all ceilings to comply with h4.13
 all floor coverings to comply with h4.14
 all wall finishes to comply with h4.15
 all access doors to emergency routes to be safe class B 120 min rated doors fitted with self closers in accordance with h4.16, h4.17 & locks in compliance with h4.16.9 (h4.16.10) h4.16.11
 feeder routes to be provided in accordance with h4.18
 when partition layouts are designed - to be submitted under separate application
 emergency routes to comply with h4.19, h4.20 & h4.21
 basements to comply with h4.22
 stairway to comply with h4.23
 ventilation to stairs to comply with h4.24
 all openings in floors to comply with h4.26
 external stairways and passages to comply with h4.27

PART R FIRE PROTECTION
 lobbies, foyers & vestibules to comply with h4.28
 signage to be provided in accordance with h4.29, h4.32.2, h4.34.4
 emergency routes to be lit in accordance with h4.30, designed by professional engineer & certificate issued on completion
 fire detection and alarm systems, if provided, to comply with h4.31
 fire water reticulation to comply with h4.33 & sans 10400
 fire's to comply with h4.34 (additional fire's to be provided when partition layouts are submitted, if required)
 hydrants to be provided in accordance with h4.35
 sprinkler system to comply with h4.36
 portable fire extinguishers to be provided in accordance with h4.37 and to the satisfaction of the chief fire officer
 mobile fire extinguishers to be provided in accordance with h4.38
 any inaccessible concealed space with a max. dimension of more than 5m to be fire stopped in accordance with h4.39
 service shafts to comply with h4.40
 service pipes, conduits & sleeves to comply with h4.41
 provision to be made for smoke ventilation in accordance with h4.42, designed by professional engineer & certificate issued on completion

PART S AIR CONDITIONING
 air conditioning system to be designed by professional engineer to comply with h4.43 & certificate issued on completion
 lifts & lift shafts to comply with h4.44, h4.45, h4.46 & h4.47
 stage and backstage areas to comply with h4.48
 seating arrangements in auditoriums, halls or grandstands to comply with h4.50
 operating theatres and intensive, high or critical care units to comply with h4.51
 liquid fuel dispensing pumps and tanks to be provided in accordance with h4.52 & h4.53
 access for fire fighting and rescue purposes to be provided in accordance with h4.54
 building materials to comply with h4.55 & h4.56
 fire protection for category 1 buildings h1 & h4 to comply with h4.57
 fire protection for guest houses and b&b accommodation to comply with h4.58
 fire protection for health facilities to comply with h4.59
 all fire protection as per rational design by competent person

PART T REFUSE DISPOSAL
 refuse area to be constructed so as to be rodent proof & provided with hose, bibco & sump

PART U REFUSE DISPOSAL
 refuse area to be rodent proofed
 refuse area to be designed in accordance with part u of sans 10400

PART V SPACE HEATING
 all space heating to be provided in accordance with competent person

PART W FIRE INSTALLATION
 all fire installations to be provided in accordance with part w of sans 10400
 all fire installation as per rational design by competent person

PART X ENERGY USAGE IN BUILDINGS
 hot water supply to be provided in accordance with part x4.1 of sans 10400 & part 4.5 of sans 204
 energy usage and building envelope to be designed in accordance with part x4.2 & x4.3 & x4.4 of sans 10400
 building design to be in accordance with part 4.1.4.2, 4.3 & 4.4 of sans 204
 services to be provided in accordance with part 4.5 of sans 204
 mechanical ventilation to be provided in accordance with part 4.6 of sans 204
 all energy

ENERGY EFFICIENCY (PART XA) NOTES:
 HOT WATER SUPPLY:
 - geyser to be in a horizontal position, 3000 solar geyser to be installed on the roof by "solar prime" in a close coupled system.
 1980mmx1300mmx75mm(2) solar panels to be installed by specialists.
 electrical connection to be completed by registered electrician.
 - insulation material to have a min. 1.0 install lower's 50mm thick flexible foil faced, none combustible, lightweight, glasswool insulation blanket around with a wall thickness of 35mm for the first 2m on all incoming / outgoing water pipes from the geyser with an R-value of 100, install in accordance with the manufactures details and specification, density of insulation: 10-18 KG/M³
 50% of the annual hot water consumption to be heated by means of other than electrical.
 54.6kL to be heated by solar water heater.

ROOF INSULATION:
 - roof insulation to have a min. R-value of 2.15.
 - roof covers: 100mm thick flexible non-combustible light weight glasswool "loft insulation" material between the roof trusses & over bridle/ridge/ purlin in a completed roof & ceiling system with an R-value of 2.50, installation strictly in accordance with the manufactures detail and specification, density of insulation: 10-18kg.

SOLAR PANELS:
 All solar panels to be fixed to the roof sheeting using the 'Safintra S-5-PV KIT' by PV specialist. 'S-5-PV KIT' to suit existing 'Safik-408' concealed fix roof sheeting. No PV wires are to puncture through the existing roof sheeting. The solar specialist is to supply detail drawings of the installation for approval by the Structural Engineer before any work commences.
 THE SOLAR PANEL SYSTEM IS A DESIGN AND SUPPLY ITEM BY SPECIALIST.

No.	Revision	Date
A	ISSUED FOR INFORMATION ONLY	02/05/17
B	Shown long section and elevations. Labeled existing chapel, recent alterations and shown proposed church hall. Revised notes.	24/02/18
C	Shown boundary retaining wall.	08/06/18

ALL WORK TO COMPLY WITH RELEVANT MUNIC. ARCHITECTURAL PLANNING & DEVELOPMENT CONTROL

GENERAL NOTES:
 FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALING.
 ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH NBR SANS 10600 & LOCAL AUTHORITY BYE-LAWS.
 NO PORTION OF WORK TO ENDOUR ON ADJACENT PROPERTIES.
 ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK.
 THIS DRAWING IS COPYRIGHT AND REMAINS WITH THE ARCHITECT.

P.O. Box 236
 Clermontville
 3602
 Cell: 083 669 7976
 Fax: 086 541 0763
 Contact Person:
 Sphalele Mavundika



PROPOSED ADDITIONS AND ALTERATIONS
 ERF 982 and 985 QUEENSBURGH
 3127 CORONATION ROAD

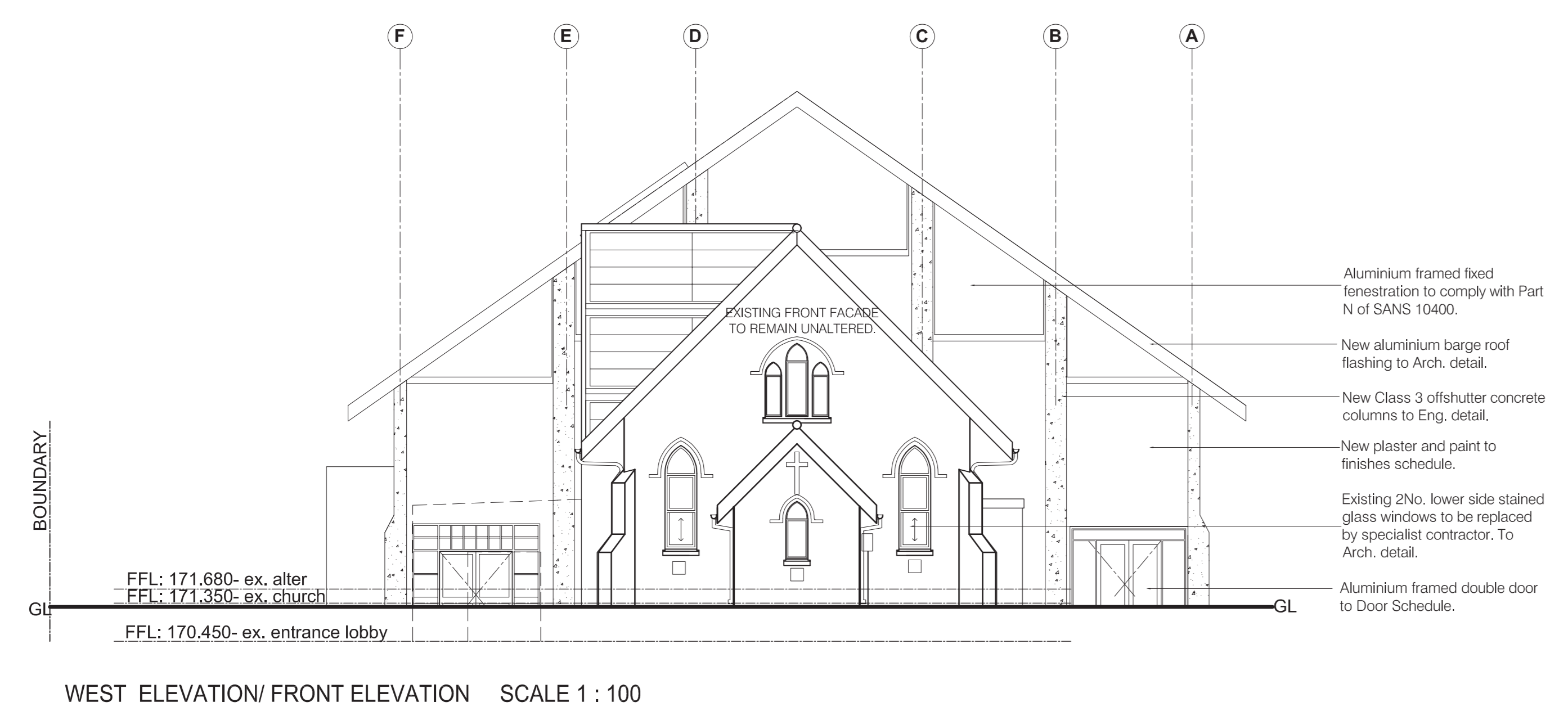
JOB NO. 18/18/01/01
 ERF 982 and 985 QUEENSBURGH
 3127 CORONATION ROAD

SITE ADD.
 THE CONGREGATIONAL CHURCH OF QUEENSBURGH

OWNER
 THE CONGREGATIONAL CHURCH OF QUEENSBURGH

Date: 08/06/2018 DWG No: CH 003-08-14 SHEET 3 OF 4
 Drawn: [Signature]
 DWD: [Signature]





Aluminum framed fixed fenestration to comply with Part N of SANS 10400.

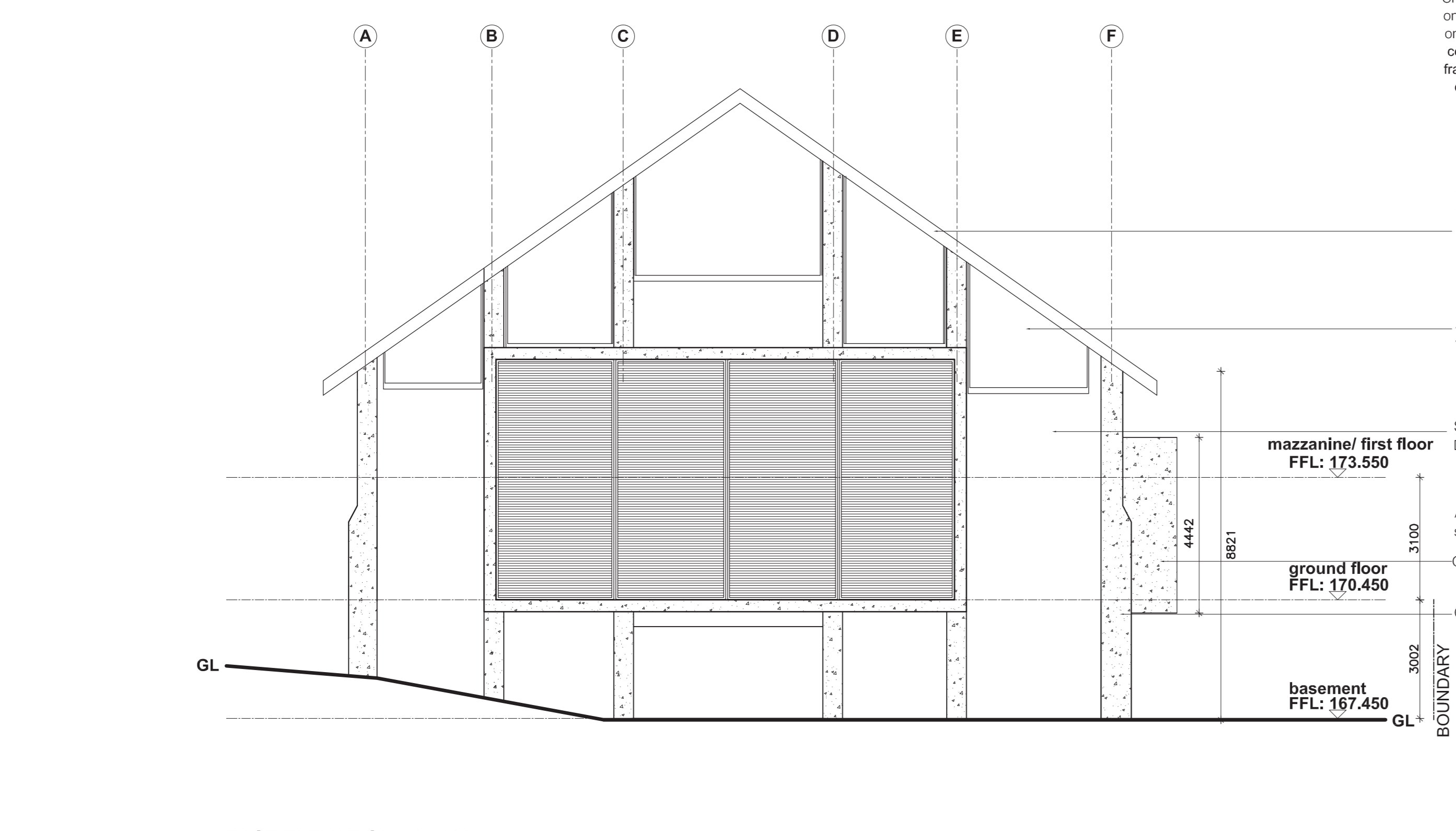
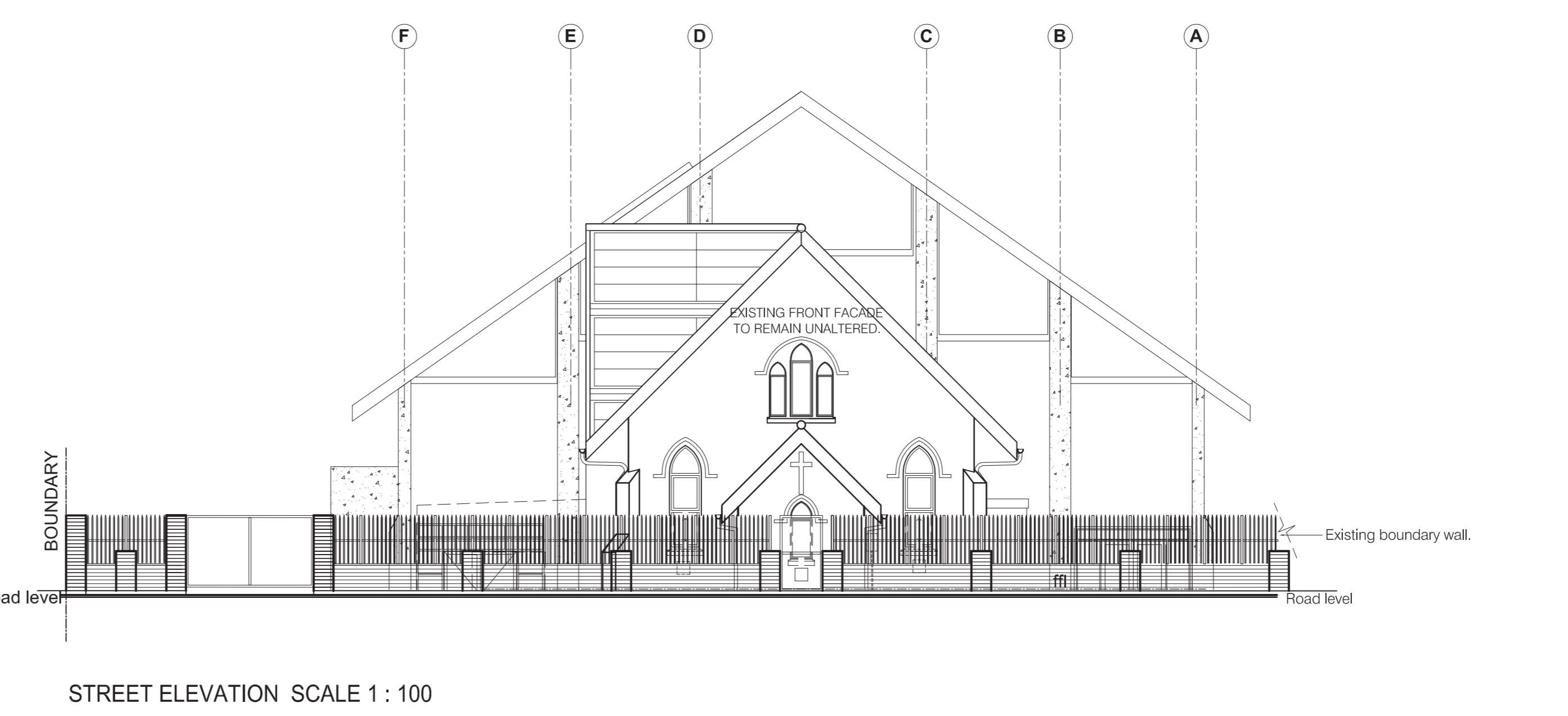
New aluminum barge roof flashing to Arch. detail.

New Class 3 offshore concrete columns to Eng. detail.

New plaster and paint to finishes schedule.

Existing 2No. lower side stained glass windows to be replaced by specialist contractor. To Arch. detail.

Aluminum framed double door to Door Schedule.



Chromadek roof sheeting fixed 35 pitch on as per manufacturer's specification on on C-Channel mild steel purlins at centres to suit laid to Structural portal frame fixed to detail as per engineer's detail. roof anchorage to comply with NBR.

Chromadek roof sheeting fixed 35 pitch on as per manufacturer's specification on on C-Channel mild steel purlins at centres to suit laid to Structural portal frame fixed to detail as per engineer's detail. roof anchorage to comply with NBR.

Aluminum framed fixed fenestration to comply with Part N of SANS 10400.

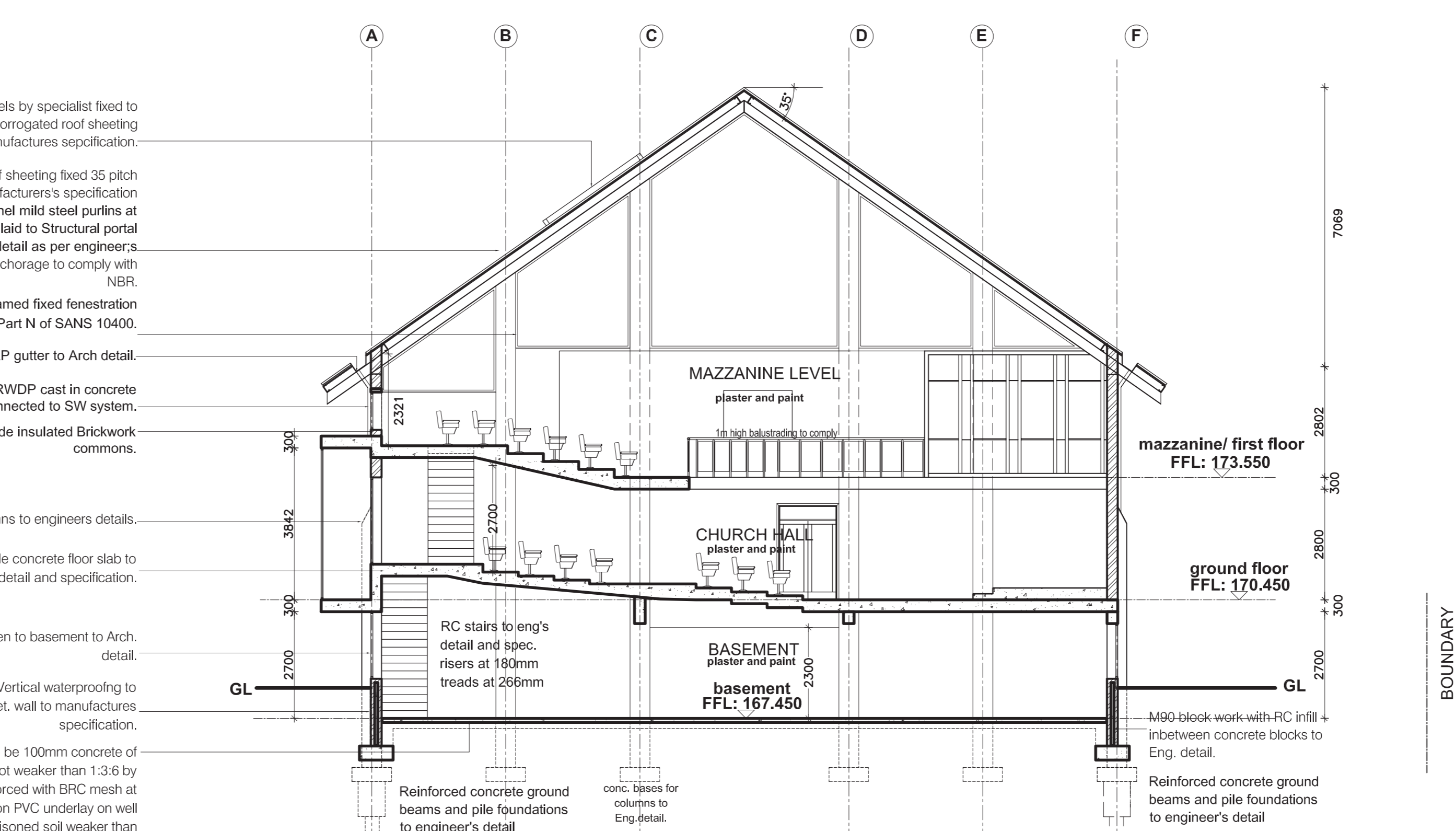
GRP gutter to Arch. detail.

Smooth plaster & painted plaster D14-4 Camel Hair.

Aluminum screen to manufactures specification.

Off shutter concrete wall.

Concrete columns to engineers details.



New Solar panels by specialist fixed to new peacoated corrugated roof sheeting strictly to manufactures specification.

Chromadek roof sheeting fixed 35 pitch on as per manufacturer's specification on on C-Channel mild steel purlins at centres to suit laid to Structural portal frame fixed to detail as per engineer's detail. roof anchorage to comply with NBR.

Aluminum framed fixed fenestration to comply with Part N of SANS 10400.

GRP gutter to Arch. detail.

080mm RWDP cast in concrete columns and connected to SW system.

270mm Wide insulated Brickwork cornices.

Concrete columns to engineers details.

RC suspends concrete floor slab to Engineer's detail and specification.

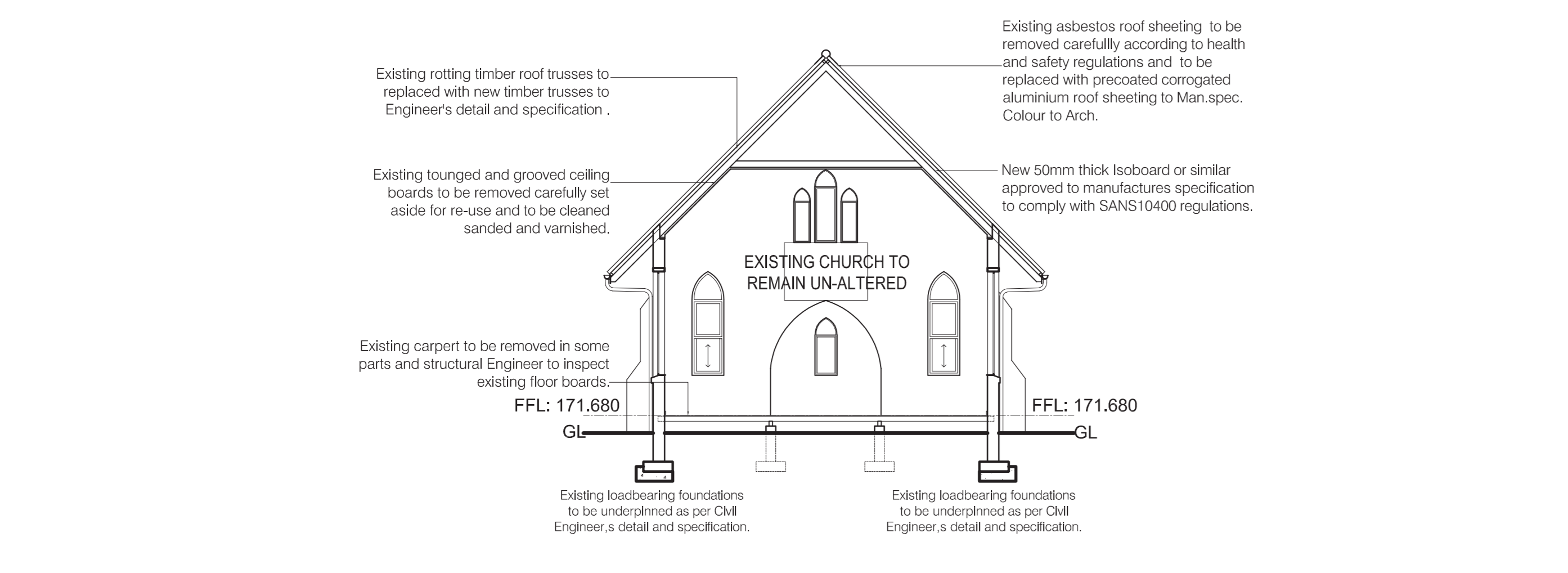
Aluminum screen to basement to Arch. detail.

Sika cemflex Vertical waterproofing to basement ret. wall to manufactures specification.

Surface beds to be 100mm concrete of mix not weaker than 1:3:6 by volume, reinforced with BRC mesh at 300 centres on PVC underlay on well rammed poisoned soil weaker than 1:3:6 by volume.

Reinforced concrete ground beams and pile foundations to engineer's detail.

Reinforced concrete ground beams and pile foundations to engineer's detail.



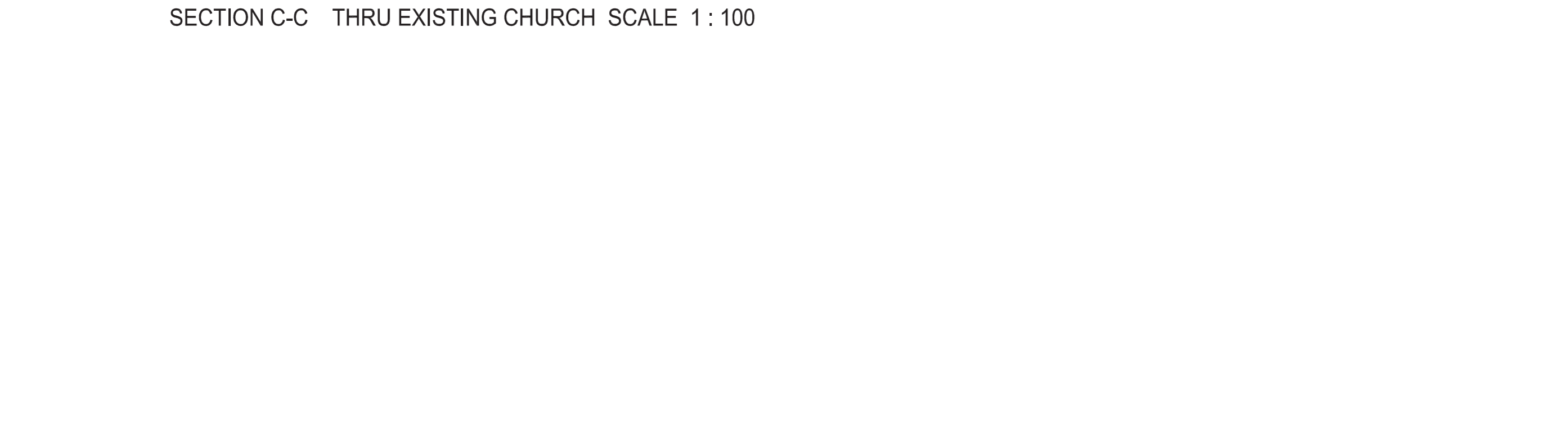
Existing asbestos roof sheeting to be removed carefully according to health and safety regulations and to be replaced with peacoated corrugated aluminum roof sheeting to Man. spec. Colour to Arch.

New 50mm thick isoboard or similar approved to manufactures specification to comply with SANS10400 regulations.

Existing asbestos roof sheeting to be removed carefully according to health and safety regulations and to be replaced with peacoated corrugated aluminum roof sheeting to Man. spec. Colour to Arch.

Existing carpet to be removed in some parts and structural Engineer to inspect existing floor boards.

Existing loadbearing foundations to be underpinned as per Civil Engineer's detail and specification.



NOTES IN RESPECT OF SA NATIONAL STANDARD FOR THE APPLICATION OF NATIONAL BUILDING REGULATIONS SANS 10400

PART A GENERAL PRINCIPLES AND REQUIREMENTS

PART B STRUCTURAL DESIGN

PART C DIMENSIONS

PART D PUBLIC SAFETY

PART E SITE OPERATIONS

PART F EXCAVATIONS

PART G FOUNDATIONS

PART H FLOORS

PART I WALLS

PART J GLAZING

PART K ROOFING

PART L ROOFS

PART M STAIRWAYS

PART N DRAINAGE

PART O NON-WATER BORNE MEANS OF SANITARY DISPOSAL

PART P STORMWATER DISPOSAL

PART Q FACILITIES FOR PERSONS WITH DISABILITIES

PART R FIRE PROTECTION

PART S

PART T

PART U

PART V

PART W

PART X

PART Y

PART Z

ENERGY EFFICIENCY (PART XA) NOTES:

SOLAR PANELS:

ROOF INSULATION:

No.	Revision	Date
A	ISSUED FOR INFORMATION ONLY	02/05/17
B	Shown street elevation. Shown moulding above windows on the front facade. Added notes. Shown section C-C through the existing chapel.	24/02/18
C	Added window schedule.	28/03/18
D	Revised Notes.	08/06/18

ALL WORK TO COMPLY WITH RELEVANT MUNIC. ARCHITECTURAL PLANNING & DEVELOPMENT CONTROL

GENERAL NOTES :

FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALING.

ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH NBR SANS 1000 & LOCAL AUTHORITY BYE-LAWS.

NO PORTION OF WORK TO ENDOUR ON ADJACENT PROPERTIES.

ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK.

THIS DRAWING IS COPYRIGHT AND REMAINS WITH THE ARCHITECT.

P.O. Box 236
Clermontville
3602

MBOVA
ARCHITECTS
Architectural Design

Cell: 083 669 7976
Fax: 086 541 0763

Contact Person:
Sphaleke Mavundika

PROPOSED ADDITIONS AND ALTERATIONS
ERF 982 and 985 QUEENSBURGH
3127 CORONATION ROAD

ERF 982 and 985 QUEENSBURGH
3127 CORONATION ROAD

THE CONGREGATIONAL
CHURCH OF QUEENSBURGH

Date: 08/06/2018 DWG No: DH 04-03-14 SHEET 04 OF 4

DWG:

DND: