## 3. All brickwork below ground level to be bricks recommended for the purpose by the manufacturer. 4. Galvanised wire ties to be built into all 230 cavity walls at 800 centres horizontally and every 6th course vertically. 5. Gundle 'brickgrip' DPC's to be provided over all slabs, under all cills, parapets and elsewhere as required by the local authority and in accordance with NRPD - 6. Galvanised steel coil outguiss. before drainage work commences. It is thereafter the contractors responsibilitiensure adequate falls to these connections. 2. Approval for the siting of septic tank and/or soakpits together with any percolation tests which may be required is to be obtained from the local authority by the contractor before commencing any building work. 3. The contractor is responsible for ensuring that stormwater damage to the work in progress or the neighbouring properties does not occur during construction and that the surface water drainage is adequate. 4. All sanitary fittings to be trapped and/or vented to local authority ontractor is to obtain a certificate ating that the work has been crectly set out before proceeding with excavations Contractor is to check all dimensions. ייויs drawing is to read in conjunction w ectrical layout, e key to the electrical יי RETAINING WALLS:- WHERE APPLICABLE alled under manufacturers supervision. Il retaining walls to be provided with agricultural drains behind and below level, graded to fall to lace water disposal system. manufacturers recommendations. aterproofing to be covered with 50mm layer of 20mm white gravel o vermin-proofed airbricks to be provided in the external table rooms. ase refer to PGA note on window and door materials. Contractor to refer to dules as provided by P.G.A dequate access panels to be fitted in all ducts over inspection eyes Inforcea with Inforcea with at 300 centres both directions beds to be laid on Gundle UFS green by specialist to SANS requirements. ass to windows and doors to comply with PART N of SANS 10400 .Fire e 2hr 44mm solid hardwood timber rated door osing from Garage to interior.Roll up garage doors to be horizontal ority and in accordance with NBR and window systems. el coil outguards,lapped and soldered at joints to be to local authority requirements. ofed airbricks to be provided in the external walls of all to be taped for protection ceiling must adhered KMA codes and regulations as wells **OUTH ELEVATION** not occur during iilding work. DRAINAGE TO COMPLY WITH PART P - ALL SANITARY FITTINGS TO BE TRAPPED IN ACCORDANCE WITH SANS 10400 REGULATIONS. - ALL SANITARY FITTINGS TO BE TRAPPED IN ACCORDANCE WITH SANS 10400 REGULATIONS. - ALL PLUMBING AND DRAINAGE WORK AND INSTALLATION OF SANITARY FITTINGS TO COMPLY WITH RELEVANT LOCAL - AUTHORITY BYLAWS, REGULATION, CODES AND REQUIREMENTS - PLUMBER TO EXPOSE ALL SEWER MAINS AND TO ASCERTAIN CORRECT LEVELS OF ENTRY AND FALL FOR DRAINAGE - PRIOR TO COMMENCING - ABLUTIONS DETERMINED AS PER CLAUSE:4.11 - EXCEEDING 2500MM TO JUNCTION, TO BE FITTED WITH ANTI-SIPHON VENT. - INSPECTION EYES TO BE FITTED TO ALL BENDS AND JUNCTIONS AND TO BE MARKED AT GROUND LEVEL. - INSPECTION EYES TO BE PROVIDED AT ALL BENDS AND JUNCTIONS OF SOIL AND WASTE PIPES. - ALL SOIL PIPES TO BE MIN 100MM/ - ALL SOIL PIPES TO BE MIN 100MM/ - ALL SOIL PIPES TO BE MIN 100MM/ - ALL SOIL VENTILATION PIPES (SVP) MUST BE TAKEN TO A MINIMUM HEIGHT OF 1800MM ABOVE THE NEAREST ADJACENT - VENT STACKS TO COMPLY WITH CLAUSES 11, 3 ALL VENT VALVES TO BE 2 WAY VENT VALVES - WINDOW HEAD. AND NASTE PIPES TO BE VENTED TO EXTERNAL AIR - VENT STACKS TO COMPLY WITH CLAUSE 41, 3 ALL VENT VALVES TO BE 2 WAY VENT VALVES - WHERE A DRAIN PASSES UNDER STRUCTURE OF A BUILDING IT MUST BE HIGH DENSITY PVC ENCASED IN 150MM CONCRETE ALL ROUND. - WHERE A DRAIN PASSES UNDER A TRAFFICABLE AREA IT MUST BE HIGH DENSITY DOUBLE WALLED PVC ENCASED IN 150MM CONCRETE ALL ROUND. - WHERE THE VERTICAL DROP FROM SOIL FITTINGS TO THE MAIN DRAIN EXCEEDS 1200MM, THESE FITTINGS ARE TO BE - WHERE THE VERTICAL DROP FROM SOIL FITTINGS TO THE MAIN DRAIN EXCEEDS 1200MM, THESE FITTINGS ARE TO BE - HE AND STRUCTURE OF ANY BEND AT THE FOOT OF A DISCHARGE STACK SHALL NOT BE LESS THAN 300 - THE RADIUS OF THE CENTRE LINE OF ANY BEND AT THE FOOT OF A DISCHARGE STACK SHALL NOT BE LESS THAN 300 - THE RADIUS OF THE CENTRE LINE OF ANY BEND AT THE FOOT OF A DISCHARGE STACK SHALL NOT BE LESS THAN 300 - TO ANTIPOLAND AND STATEMENT OF THE MAIN DRAIN STACK SHALL NOT BE LESS THAN AUTHORITY. - TYPICAL STORM WATER CHANNEL DETAIL TO BE DESIGNED AND DETAILED BY ENGINEER - TYPICAL STORM WATER CHANNEL DETAILS. - ALL STORM WATER TO RUN OFF FROM CONCRETE APRON TO LEAD TO STORM WATER CHANNELS AS DETAILED. - ALL STORM WATER TO RUN OFF FROM CONCRETE APRON TO LEAD TO STORM WATER CHANNELS AS DETAILED. - ALL STORM WATER TO RUN OFF FROM CONCRETE APRON TO LEAD TO STORM WATER CHANNELS AS DETAILED. - ALL STORM WATER TO RUN OFF FROM CONCRETE APRON TO LEAD TO STORM WATER CHANNELS, APRONS, ALLONG THE CENTRE LINE OF THE DRAIN IS MORE THAN 40M FROM SUCH ACCESS AS PER SANSTO400 - DURING CONSTRUCTION CONTRACTOR TO ENSURE PROPER RUN OFF INTO STORM WATER CHANNELS, APRONS, ISSU CONTRIDED AND OTHER MEASURES AS INDICATED BY THE ENGINEER. - AGRICULTURAL DRAINS FOR RETAINING WALLS TO BE POSITIONED AND GRADED TO FALL TO SURFACE WATER - ALL SURFACES AND OTHER MEASURES AS INDICATED BY THE ENGINEER. - HEAVY DUTY DOUBLE WALLED P.V.C. 75Ø STORM WATER PIPE IN COLUMNS. - HEAVY DUTY DOUBLE WALLED P.V.C. 75Ø STORM WATER PIPE IN COLUMNS. - HEAVY DUTY DOUBLE WALLED P.V.C. 75Ø STORM WATER PIPE IN COLUMNS. - NULL-BORE DRAINAGE ETTINGS AND CONNECTED TO MIN 75 MMØ. - STORM WATER PIPES TO BE MINIMUM DIAMETER OF 100MM. PVC PIPES AT MINIMUM FALL OF 1:100. - STORM WATER PIPES TO BE MINIMUM DIAMETER OF 100MM. PVC PIPES AT MINIMUM FALL OF 1:100. - STORM WATER PIPES TO CONNECT SEPARATELY TO THE STORM WATER PIPES TO BALCONIES, WALKWAYS AND OTHER SINGHED IN NON-POROUS MATERIALS. - THE TWO SETS OF PIPES TO CONNECT SEPARATELY TO THE STORM WATER ATTENUATION SYSTEM. - MINIMUM OF 300 MM WIDE TRENCH DRAINS WITH GMS GRID ACROSS DRIVE WAY WITHIN PROPERTY BOUNDARY. - 300 MM WIDE TRENCH DRAINS WITH GMS GRID AT BASE OF SELECTED RAMPS. FLOORS TO COMPLY WITH PART J: - CONCRETE FLOOR SLAB WITH BRC MESH ON 250 MICRON GUNPLAS GREEN UNDERLAY ON WELL COMP. POISONED SOIL. SOIL POISONING BY SPECIALIST TO LOCAL AUTHORITY'S REQUIREMENTS. - ALL SUSPENDED REINFORCED CONCRETE SLABS BY ENGINEER. GLAZING TO COMPLY WITH PART N: - WHERE APPLICABLE ALL GLAZING TO BE LAMINATED / TOUGHENED SAFETY GLASS TO COMPLY WITH PART N OF SANS 10400 - SAFETY GLASS TO WINDOWS AND DOORS TO COMPLY WITH PART NN3. - ALL NEW WINDOWS TO BE CHARCOAL POWER COATED ALUMINUM SECTIONS, - COOL GREY GLAZING THROUGHOUT. SELECTED GLAZING ON FAÇADE TO BE SMARTGLASS 'COOLVUE', TO REDUCE HEAT LOADING. - SOLID GLAZING PANELS AND SPANDRELS TO BE SMARTGLASS 'AMOURCLAD' OPAQUE GLASS, COLOUR: GUNMETAL GDEFY ROOF TO COMPLY WITH PART L:- REINFORCED CONCRETE ROOF SLABS, BY ENGINEER, TO CONFORM TO SANS10400 TO BE LAID WITH A FALL OF NOT - REINFORCED CONCRETE ROOF SLABS, BY ENGINEER, TO CONFORM TO SANS10400 TO BE LAID WITH A FALL OF NOT - LESS THAN 1:50. ROOF IS TO RECEIVE A 25 MM COVERING OF GRAVEL, COLOUR TO ARCHITECTS APPROVAL - ALL PROJECTIONS THROUGH THE ROOF AND EDGES MUST BE PROTECTED WITH SUITABLE FLASHINGS TO CONFORM TO SANS10400 WALLS TO COMPLY WITH PART K:- EXTERNAL WALLS - 220MM THICK CLAY BRICK. PLASTER AND PAINT FINISH. - INTERNAL WALLS - 110MM THICK CLAY BRICK. PLASTER AND PAINT FINISH. - INTERNAL WALLS - 110MM THICK CLAY BRICK. PLASTER AND PAINT FINISH. - BRICKFORCE IN EVERY COURSE FOR MIN 5 COURSES ABOVE LINTELS. - CONTINUOUS DPC AND ANT GUARD AT SLAB LEVEL AND AT WINDOW SILLS AS REQUIRED BY THE LOCAL AUTHORN AND IN ACCORDANCE WITH NBR AND WINDOW SYSTEMS. - GALVANIZED WIRE TIES OR EQUAL TO BE BUILT INTO ALL EXTERNAL WALLS AT A RATE OF 3 PER SQUARE METER) - GALVANIZED WIRE TIES OR EQUAL TO BE BUILT INTO ALL EXTERNAL WALLS AT A RATE OF 3 PER SQUARE METER) - GALVANIZED WIRE TIES OR EQUAL TO BE BUILT INTO ALL EXTERNAL WALLS AT A RATE OF 3 PER SQUARE METER) PART D: PUBLIC SAFETY - ALL SITE OPERATIONS TO COMPLY WITH PART D, PART E AND PART F. LIGHTING AND VENTILATION TO COMPLY WITH PART O - NATURAL LIGHT 10% OF FLOOR AREA OR 0.2M² AS PER PART O -4.2.1 - LIGHTING AND VENTILATION TO COMPLY WITH ALL LOCAL AUTHORITY AND SANS10400 REQUIREMENTS. - ALL AREAS TO BE ARTIFICIALLY LIT IN COMPLIANCE WITH SANS10400 - 4.2.2 - ALL HABITABLE ROOMS MINIMUM OF 350 LUX. - NATURAL VENTILATION 5% OF FLOOR ARE OR 0.2M² AS PER PART O - 4.3.1 - FRESH AIR TO BE SUPPLIED AT RATE 7.51/SEC/P & TO BE UNIFORMLY DISTRIBUTED THROUGHOUT HABITABLE STORMWATER TO COMPLY WITH PART R:- STORM WATER TO BE ATTENUATED ON SITE AS PER ENGINEERS DESIGNS AND THE REQUIREMENTS OF THE LOCA FOUNDATIONS TO COMPLY WITH PART H: - REINFORCED CONCRETE FOUNDATIONS TO STRUCTURAL ENGINEER'S DETAIL ALL WINDOWS FACING ONTO WALKWAYS TO BE LAMINATED / TOUGHENED SAFETY GLASS. /ASTE WATER PIPES TO BE MIN DIAMETER OF 50MM. PVC PIPES AT MINIMUM FALL OF 1:46 AND A MAXIMUM OF 1/11.5 PER SANS10400 DIL WATER PIPES TO BE MIN DIAMETER OF 100MM. PVC PIPES AT MINIMUM FALL OF 1:11.5 AND A MAXIMUM OF 1:4 PER SANS10400 **ELEVATION ORITY** FIRE PROTECTION TO COMPLY WITH PART T: - ALL WORK TO COMPLY WITH SANS10400 - SAFETY DISTANCES TO COMPLY WITH CLAUSE 4.2, ALL EXTERNAL WALLS FIRE RESISTANCE TO COMPLY WITH TABLE 1 - 30 MINUTE RATING. FOR WALLS WITH WINDOW OPENINGS ONTO A LATERAL BOUNDARY AS PER 4.2.8 AND TABLE 2 SAFETY DISTANCES. H3 - OPENINGS OF LESS THAN 5 M² WITH A DISTANCE OF 1M. - ANY BUILDING DIVIDED WITH DIFFERENT OCCUPANCIES MUST COMPLY WITH SANS10400 PART T, CLAUSE 4.4, 4.6, 4.7, 4.8 AND 4.9 - ALL MATERIALS TO COMPLY WITH 4.5 - PROVISION OF FIRE FIGHTING EQUIPMENT TO COMPLY WITH - PROVISION OF FIRE FIGHTING EQUIPMENT TO COMPLY WITH - PROVISION OF FIRE FIGHTING EQUIPMENT TO COMPLY WITH - PROVISION OF FIRE FIGHTING EQUIPMENT TO COMPLY WITH - TWIN COUPLE, PILLAR TYPE, FIRE BOOSTER AT ENTRANCE TO PARKING GARAGE - TO COMPLY WITH 4.32. - FIRE HOSE REELS (FHR'S) TO COMPLY WITH 4.34 - HYDRANTS TO BE PROVIDED IN ACCORDANCE WITH 4.35 - HYDRANTS TO BE PROVIDED IN ACCORDANCE WITH 4.36. - MOBILE FIRE EXTINGUISHERS TO BE PROVIDED IN ACCORDANCE WITH 4.38 - EXCLUDED, OCCUPANCY CLASS H3 AND BASEMENTS NATURALLY VENTILATED. - PORTABLE FIRE EXTINGUISHERS TO BE PROVIDED IN ACCORDANCE WITH TT37 - ANY INACCESSIBLE CONCEALED SPACE WITH A DIMENSION OF MORE THAN 5N TO BE FIRE STOPPED IN ACCORDANCE WITH 4.39, FIRE STOPS ARE TO BE PROVIDE FOR AT MAXIMUM INTERVAL OF 300 M² FOR CONCEALED SPACES. - DUCTS, SERVICE PIPES, CONDUITS & SLEEVES TO COMPLY WITH 4.41 - WHERE APPLICABLE ALL DUCT DOORS AND ACCESS PANELS TO HAVE A 2HR FIRE BATTLE. OORS TO COMPLY WITH 4.16.9 DIMENSIONS OF COMPONENTS OF ESCAPE ROUTES TO COMPLY WITH 4.20 AND DIMENSIONS OF COMPONENTS OF ESCAPE ROUTES TO COMPLY WITH 4.20 AND 21. WIDTH OF ESCAPE ROUTE NOT LESS THAN 1.1M. BASEMENTS SHALL BE PROVIDED WITH 2 SEPARATE EMERGENCY STAIRS, ONE JUINED WITH 3 ANS 10400-D. ANY STAIRWAY FORMING PART OF AN EMERGENCY ROUTE SHALL DISCHARGE ITO A CORRIDOR OR FOYER FORMING PART OF AN EMERGENCY ROUTE SHALL DISCHARGE ITO A STREET, PUBLIC PLACE OR APPROVED OPEN SPACE. TO COMPLY WITH 4.24. A BUILDING LESS THAN 30M, PROVIDE"A WINDOW OR OTHER OPENING OR ERMANENTLY OPEN ROOF VENT" ALL OPENINGS IN FLOORS TO COMPLY WITH 4.26 EXTERNAL STAIRWAYS AND PASSAGES TO COMPLY WITH 4.27. SIGNAGE TO BE PROVIDED IN ACCORDANCE WITH 4.29, 4.32, 4.54.4 & 4.54.4 WITH 4.31, DESIGNED BY PROFESSIONAL ENGINEER AND ENDORSED WITH A ERTIFICATE. FLOORS NEED TO BE STABLE, FIRM AND SLIP RESISTANT UNDER WET CONDITIONS CHANGE IN LEVELS AND THRESHOLD'S TO BE LESS THAN 5MM IN HEIGHT. DOORWAYS AND DOORS TO COMPLY WITH PART S, CLAUSE 4.6. OORWAYS MUST HAVE A MINIMUM CLEAR OPENING OF 750MM. MINIMUM ACCESS DIMENSION TO BE DETERMINED BY FIGURE 7 CLAUSE 4.6.1.3 MINIMUM DISTANCE BETWEEN DOORS SHALL BE DETERMINED AS SHOWN IN GURE 9 AND 10 PART S, CLAUSE 4.6.1.5 DOOR HANDLES TO BE HORIZONTALLY ALIGNED AND MUST COMPLY WITH PART JANGE IN LEVEL TO COMPLY WITH SANS 10400 PART S, CLAUSE 4.7 AND PART ONTROLS, SWITCHES AND POWER POINTS TO COMPLY WITH PART S, CLAUSE ILITIES FOR DISABLE PERSONS TO COMPLY WITH PART S: NAGE TO COMPLY WITH PART S, CLAUSE 4.2 YS SHALL BE A MINIMUM OF 3500 MM WIDTH AND MINIMUM LENGTH OF DMM AND SHALL HAVE A LEVEL SURFACE. TERNAL AND INTERNAL CIRCULATION TO COMPLY WITH PART S, CLAUSE 4.4. 1 AT LEAST ONE ACCESSIBLE ROUTE TO BE PROVIDED WITHIN THE BOUNDARY THE SITE. RGENCY ROUTES TO BE LIT IN ACCORDANCE WITH 4.30. EDETECTION AND ALARM SYSTEMS TO BE PROVIDED IN ACCORDANCE WITH ACCESS DOORS TO EMERGENCY ROUTES TO BE SABS CLASS B 120MIN. RATED DOORS FITTED WITH SELF CLOSER'S IN COMPLIANCE WITH 4.10.4 ANI S IN COMPLIANCE WITH 4.16.9. FIRE DOORS ARE CLASS B FIRE DOORS - 2 HOUR FIRE RATING AND ARE CLOSING. EMERGENCY WARNING SIGNALS, INCLUDING THOSE IN MECHANICAL ULATION INSTALLATIONS, SHALL BE BOTH AUDIBLE AND VISIBLE OR GROUND SURFACES TO BE COMPLY WITH SANS 10400 PARTS, CLAUS SION TO BE MADE FOR SMOKE VENTILATION IN ACCORDANCE WITH 4.42 ED BY PROFESSIONAL ENGINEER, TO COMPLY WITH4.43 AND CERTIFICATE ON COMPLETION. ASSEMBLIES AND COVERINGS TO COMPLY WITH PART T - 4.12 SILINGS TO COMPLY WITH PART T - 4.13 OOR COVERINGS TO COMPLY WITH PART T - 4.14 TERNAL FINISHES TO COMPLY WITH PART T - 4.15 SENCY AND ESCAPE ROUTES ARE TO COMPLY WITH PART T - 4.16, 4.17, 4.1 NDITIONING SYSTEM TO COMPLY WITH 4.43. ALS USED TO COMPLY WITH 4.56 & 4.57 SUPPLY TO HYDRANTS TO BE 100 MM Ø PIPE TES TO BE PROVIDED IN ACCORDANCE WITH 4.18 ERY, LOCKS AND PANIC HARDWARE TO FIRE ESCAPE AND ACCESS **SECTION A-A** scale: 1:100 **NORTH ELEVATION** OF NEWLANDS GROUND STOREY PLAN 220 220 900 | 800 | | 600 SITE PLAN ecnat ne **REM OF 195** 220 top of roof: 116.220 111.100 PRAYER HALL non sliptiles 11270 **SECTION** VATION B-B 1 2 7919 | 250 L00 LE69 116.220 top of roof slab 220 storey level

800 220 220

900 800 220

PROPOSED ANCILLARY PLACE OF WORSHIP NARAINSAMY TEMPLE TRUST AT REM OF ERF 195 AND 165 984 INANDA ROAD NEWLANDS

AS SHOWN

DWG No:

YSE

Sheet No:

1 of 1

RCHITEC

Reg. NO: 5278

December 2015

GENERAL ARRANGEMENT

ROOF:- 1. Refer to sections

vith Engineers drawings.

2. Architectural drawings to take precedence over Consultants drawings during construction.

3. All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.

4. Partial Service: Any discrepancies with site or other information is to be advised to the Architect and direction or approval is to be sought before the implementation of the detail.

5. For the purpose of coordination, all relevant parties must check this information prior to implementation and report any discrepancies to the Architect.

6. Any discrepancies MUST be reported to the ARCHITECT immediately prior to any commencement of work. P.G.A. will not be responsible for work carried out without the ARCHITECT's consent as well as deviations from the approved plans.

7. Any plans removed from ARCHITECT's office without his prior authorization will be deemed unchecked and thereafter invalid.

8. The attention of the Owner is drawn to the fact that changes to the plan and/or specifications after official approval are likely to invalidate that approval.

9. No construction is to be carried out on site prior to approval of submissions from relevant authorities.

10. Do not scale this drawing.

11. All Revisions made by engineer must be indicated in a revision cloud and the date the revision was made.

IMPORTANT: