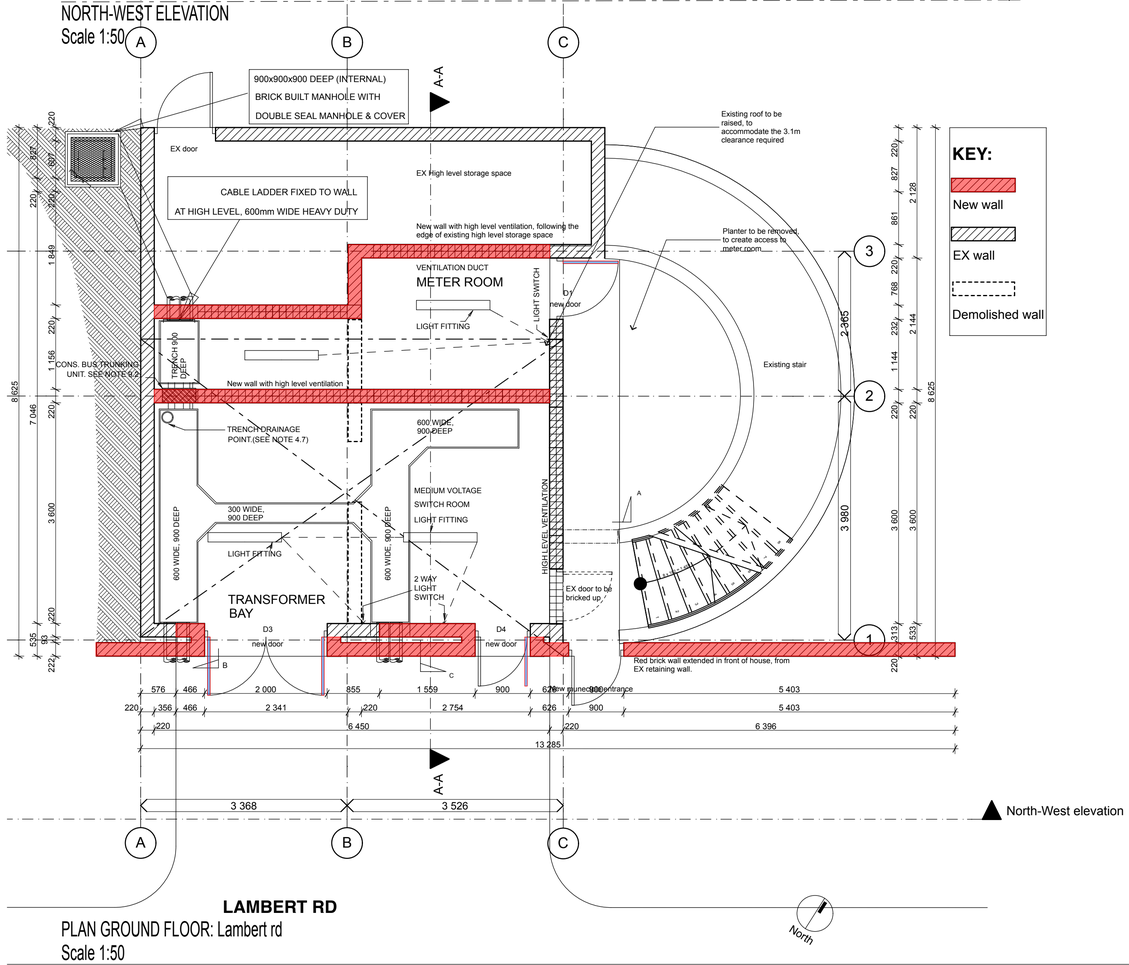
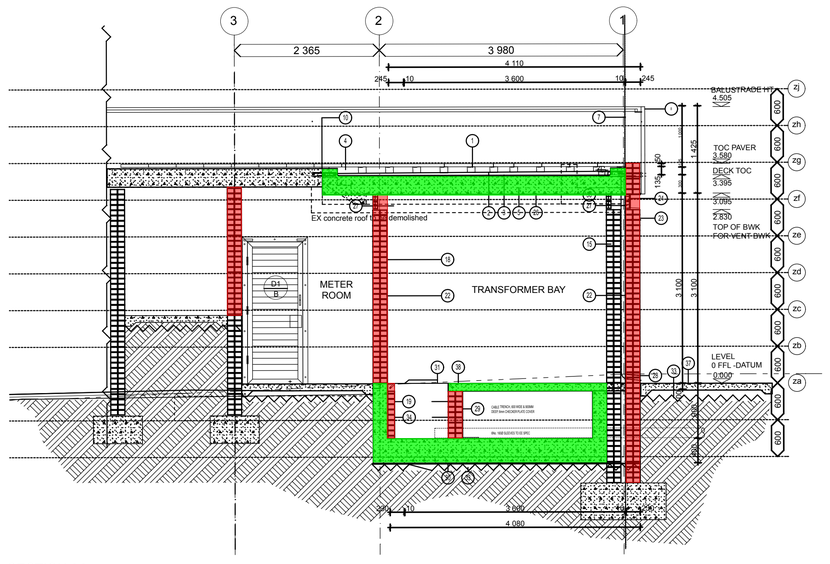
NORTH-WEST ELEVATION
Scale 1:50



PLAN GROUND FLOOR: Lambert rd
Scale 1:50

LAMBERT RD

North-West elevation



SECTION AA
Scale 1:50

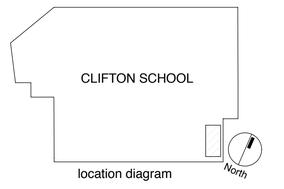
SPECIFICATION NOTES

1. 50mm THICK PRECAST CONCRETE PAVERS [LG GREEN 500 X 500 X 50MM WOOD FLOAT FINISH] EMBEDDED ON CORNERS WITH LOCALLY POSITIONED SAND-CEMENT MIX IN POTTING SOIL BAGS - LAID WITH 5MM -10MMGAPS IN BETWEEN. REFER TO TILING LAYOUT. 10MM MORTAR BED WHERE TILES ARE SECURED TO TOP OF CONCRETE SLAB AND BEAMS
2. 70 TO 30mm GRANO SCREED TO FALLS AS INDICATED ON ROOF PLAN. SCREED PANEL LENGHTHS NOT TO EXCEED 3,0M IN ANY DIRECTION. SCREED TO BE CURED IN ACCORDANCE WITH GOOD BUILDING PRACTICE. ALL SCREEDS TO PROVIDE MIN 30mm TILTING FILLETS ON ALL INTERNAL CORNERS AND EXTERNAL ANGLES AS REQUIRED BY WATERPROOFING SPECIALIST.
3. DERBIGUM WATERPROOFING SYSTEM COMPRISING: ONE LAYER DERBIGUM SP 4mm THICK APPLIED TO PRIMED SURFACE FULLY SEALED TO SCREED, SIDE WALLS AND PARAPETS. MIN 75mm SIDE LAPS & 100mm END LAPS TO BE SEALED TOGETHER BY TORCHED ON FUSION. WATER PROOFING TO BE DRESSED UP BEAM SIDES AND TOPS USING TILTING FILLETS WHERE NECCESSARY. TREATMENT TO BE FINISHED WITH TWO COATS BITUMOUS ALUMINIUM PAINT APPLIED IN ACCORDANCE WITH MNFR'S SPECIFICATION. NOTE: WATER PROOFING TO BE UNDERTAKEN BY DERBIGUM APPROVED APPLICATOR AND THE 10 YEAR GUARANTEE TO BE SEEDED TO THE CLIENT.
4. SEALQUAL FULL BORE OUTLETS WITH 75 Ø SIDE OUTLET CAST INTO SLAB. OUTLET TO BE FITTED WITH PURPOSE MADE STAINLESS STEEL COVER TO ARCH DETAIL.
5. 300mm RC SLAB WITH SMOOTH OFF SHUTTER FINISH TO SOFFIT AND WOOD FLOAT TO TOP SURFACE SUITABLE FOR DIRECT APPLICATION OF DURBIGUM WATERPROOFING MEMBRANE.
6. ~~250mm RC SLAB WITH SMOOTH OFF SHUTTER FINISH TO SOFFIT AND WOO FLOAT TO TOP SURFACE SUITABLE FOR DIRECT APPLICATION OF DURBIGUM WATERPROOFING MEMBRANE.~~
7. 245 WIDE, 1,0m HIGH ABOVE FFL RC BALUSTRADE WALL WITH SMOOTH OFF SHUTTER FINISH TO ALL EXPOSED SURFACES.
8. 1,0m HIGH GALV STEEL BALUSTRADE TO ARCH AND ENG DETAIL. SAMPLE TO BE APPROVED PRIOR TO MANUFACTURE.
9. 300MM THK RC SLAB WITH 1:80 FALL TOWARDS BUILDING EDGES AT CURVED BEAM. SIDES AND TOPS TO BE SMOOTH OFF SHUTTER CONCRETE.
10. 425 HIGH X 230 WIDE RC UPSTAND BEAM WITH SMOOTH OFF SHUTTER FINISH TO EXPOSED SURFACES.
11. ~~50X25X15 1,6mm STAINLESS STEEL PURPOSE BENT 'Z' FLASHING EPOXY FIXED TO CONCRETE TO FORM DRIP.~~
12. ~~DRIP FORMED WITH EX 25X25 CHAMPHEREDTIMBER FILLET (FOR REMOVAL WITH SHUTTER). A 15X15 ALUMINIUM CHANNEL TO BE EPOXY FIXED TO RECESS AND SIDES GROUTED FOR SMOOTH FINISH.~~
13. 450mm WIDE X 450mm ABOVE FFL BEAM SMOOTH OFF SHUTTER CONCRETE FINISH AS SEAT. TO ARCH AND ENG DETAIL
14. ~~300X300 RAKED COLUMNS WITH S.O.S.F (NO CORNER FILLETS) WITH 75 Ø PVC RWDP CAST IN. AL TO ENG AND ARCH DETAIL.~~
15. 230X340 RC COLUMNS WITH OFF SHUTTER PAINTED TO MATCH INTERNAL WALLS WITH 75 Ø PVC RWDP CAST IN TO ENG DETAIL
16. ~~230X230 RC COLUMNS WITH OFF SHUTTER FINISH TO ENG DETAIL.~~
17. 230 WIDE RC SHEER WALL WITH S.O.S.F (NO CORNER FILLETS) WITH 75 Ø PVC RWDP CAST IN. PLASTER AND PAINTED INTERNALLY AND EXTERNALLY TO FINISHES SCHEDULE. REFER TO ARCH AND ENG DETAIL.
18. 230 DOUBLE SKIN WALL, BRICK COURSE 85mm WITH OUTER FACE OF INNER SKIN TO BE BAGGED AND FULLY SEALED WITH BRIXEAL. EVERY 4TH PERP END RAKED CLEAR ABOVE DPC WHEN USED ON ALL EXTERNAL WALLS. BUILDING-IN TIES, GALV BRICK FORCE IN FOUNDATIONS, ABOVE AND BELOW WINDOW AND DOOR OPENINGS TO ENG DETAIL.
19. 340 CROSS BONDED NFX BRICK RETAINING WALLS IN CABLE DUCT.
20. PRECAST CONCRETE LINTOLS OVER OPENINGS AS REQUIRED BY ENGINEER WHEN THERE IS A PLASTER FINISH.
22. 12-15mm INTERNAL STEEL TROWELLED PLASTER, PRIMED AND FINISHED WITH TWO COATS PLASCON WALL N ALL, REFER TO FINISH SCHEDULE.
23. 12-15mm EXTERNAL WOOD FLOAT PLASTER, PRIMED AND FINISHED WITH TWO COATS PLASCON WALL N ALL TO ARCH FINISHES SCHEDULE.
24. STEEL TROWELLED GRANO CILL TO ARCH DETAIL.
25. 15mm PLASTER TO SLAB SOFFIT. PLASTER KEY TO BE PROVIDED TO PREVENT DELAMINATION. PAINT SPEC AS PER SCHEDULE.
26. PAINTED OFF SHUTTER CONCRETE SOFFIT, PAINT SPEC AS PER SCHEDULE.
27. VENTILATION BRICKS: 2 COURSES COROBRICK CLAY IMPERIAL AGATE SATIN FBX WITH MAXI CORE LAID ON EDGE - STACK BOND BRICK COURSE 120MM. PAINTED TO ARCHITECT FINISHES SCHEDULE TO MATCH EXTERIOR WALLS
28. 75 Ø PVC RWDP TO CONNECT INTO EXISTING MAIN STORM WATER RETICULATION SYSTEM.
29. DERBIGUM SP4 WATER PROOFING TO EXTERNAL FACE OF CABLE TRENCHES TO ENSURE WATERTIGHT COMPARTMENTS APPLIED IN ACCORDANCE WITH MNFRS SPEC.
30. 400mm POWER FLOATED RAFT/ SURFACE BED ON COMPACTED FILL WITH CUT OUTS FOR CABLE DUCTS TO ENG DETAIL.
31. 60X60 GMS ANGLE WITH CAST IN LUGS TO PERIMETER OF CABLE DUCTS AS PER DURBAN ELECTRICITY DETAIL. DUCTS TO BE COVERED WITH 6mm GMS VASTRAP PLATE.
32. CONTINUOUS 250 micron DPM WITH MINIMUM 200mm TAPED SIDE AND END LAPS.
33. EXCAVATION, COMPACTED BACK FILL AND 50MM BLINDING IN ACCORDANCE WITH ENG DETAIL. SOIL POISENED IN ACCORDANCE WITH NBR'S AND SABS SPEC.
34. ~~NFX FOUNDATION BRICKWORK SPECIFICATION TO ENG DETAIL.~~
35. ~~RC COLUMN PADS TO ENG DETAIL.~~
36. ~~BRICK WORK STRIP FOUNDATION SPEC TO ENG DETAIL.~~
37. EXTERNAL FINISHES AND SUB BASE PREPERATION TO ARCHITECTS SCHEDULE AND ENG DETAIL.
38. 125mm THK SLAB TO ENG DETAIL.
39. 100mm THICK RC COUNTER TOP AND SIDE WALL FITTING TO ARCH AND ENG DETAIL.
40. GMS SLATTED VENTILATION DOORS, FRAMES, HINGES AND IRONMONGERY TO TRANSFORMER, METER & STORE ROOM ALL IN ACCORDANCE WITH DURBAN ELECTRICITY SPECIFICATION
41. ALUMINIUM SIDE HUNG DOORS, FRAMES AND TRACKS, IRON MONGERY AND FURNITURE SUPPLIED AND INSTALLED AS PER SCHEDULES. GLAZING ALL IN ACCORDANCE WITH LEGISLATION & AAAMSA SPEC.
42. POWDER COATED ALUMINIUM WINDOWS SYSTEMS FITTED AND SECURED AFTER BRICKWORK/ CONCRETE OPENINGS HAVE BEEN FORMED, BUT PRIOR TO PLASTERING REVEALS, WINDOWS TO BE PROTECTED WITH PLASTIC AND TAPE. JUNCTION BETWEEN WINDOW AND PLASTER TO BE SEALED WITH SILICONE. WINDOWS GLAZED IN ACCORDANCE WITH NBRS AND SANS SPEC.
43. ENTRANCE SCREEN AND GATES, FABTICATED WITH GMS HOLLOW SECTIONS, CUT DRILLED AND MITRED PRIOR TO BEING HOT DIP GALVANIZED WITH WELD MESH INFILL PANELS. ALL HINGES, IRON MONGERY AND FURNITURE AS PER SCHEDULES. REFER TO ARCHITECTS DETAL.
44. 1.9m - 2.4Mm HIGH 'GABION FENCE' FABRICATED WITH 150 Ø GRADED AND TREATED SALIGNA POLES AT MAX 2.0M CENTRES, WITH MIN 900mm BELOW FGL AUGER DEPTH WITH RAMMED EARTH BACK FILL. EVERY FOURTH POST AND CORNER POSTS TO BE CONCRETED IN. STRAINING WIRES TO CONSIST OF 4 Ø GMS FENCING WIRE IN PLASTIC COATING FITTED BOTH SIDES OF THE POSTS AT 600 CENTRES. GMS DIAMOND MESH FENCE TO BE SECURED TO STRAINING WIRE AT MAX 300 CENTRS. MESH TO BE CROSS TIED AT MIN 8 FIXINGS PER SQ M. CAVITY TO BE FILLED WITH DUMP ROCK MAX 170mm. SAMPLE PANEL TO BE CONSTRUCTED FOR APPROVAL
45. CHAMPERS TO WINDOW REVEALS IN CONC SHEAR WALLS. REFER TO PLANS AND ENG DETAIL.
46. RC STAIR no. 1 WITH SMOOTH OFF SHUTTER FINISH

GENERAL NOTES:

1. All general notes apply to all drawings, details, specifications & any supplementary information: all contractual documentation.
2. The contractor is responsible for checking all levels & dimensions on site when setting out, prior to commencing construction & cross checking all building dimensions during the construction process. Read only figured dimensions, indicated in millimetres, & do not scale. Any discrepancies are to be reported in writing to **dws : sa** prior to continuation of work.
3. The contractor is responsible for the works co-ordination & programming of the works. All consultant & shop drawings are to be cross checked with **dws : sa** drawings. Any discrepancies are to be reported in writing to **dws : sa** prior to continuation of work.
4. The contractor is responsible for reporting any deviation from **dws : sa** drawings & specifications. Written approval is required from **dws : sa** prior to construction & installation commencing.
5. **dws : sa** accepts no responsibility for errors resulting from the misinterpretation of drawings or specifications. If in doubt, query details.
6. The contractor is responsible for: compliance with all applicable SABS 0400 standards, manufacturer's installation instructions, procedures & recommendations & local authority regulations in respect of the full scope of the works. This requirement shall not be deemed to be superseded by the provisions of any other contract document.
7. The contractor is responsible for all construction procedures & methodology being carried out & implemented in strict accordance with the latest occupational health & safety act & regulations.
8. The contractor is responsible for checking all opening sizes & vertical & horizontal position prior to the construction, manufacture & installation of fitted items. Any discrepancies are to be reported in writing to **dws : sa** prior to continuation of work.
9. The contractor is responsible for the provision of guarantees for all materials, installations & systems, to be issued to **dws : sa** at practical completion.
10. All structural work is to be designed, detailed, specified & supervised by the structural engineer & is to be carried out in strict accordance with this. All structural work is to be built from the engineer's drawings and the stability is to be certified by the structural engineer on completion of the works.
11. Drawings are only to be read for the purpose intended.
12. Refer to project data sheet for comprehensive notes & specifications.

rev	date	description
00	13I07I02	AMAFA application



location diagram

CLIFTON SCHOOL ADDITIONAL

NEW SUBSTATION & RENOVATIONS

ERF : 4 of 6 of 710, 68 Lambert Rd, Windermere, Durban

FOR : CLIFTON SCHOOL
102 Lambert Rd, Windermere, Durban

CLIENT : Brian Mitchell/ Kate Field 000000000000 | rate no.
ARCHITECT : Mark Horner 6831 | reg no.

Ground Floor - Lambert Rd

drawn	checked	date	scale
VS	-	13I07I12	1:50

job no.	stage	zone	series	family	rev.
340	M	05	100	GA	00

designworks**hop** : **sa**
94 florida road I durban I 4001 I south africa
+27 [0]31 303 5191 I **t**
+27 [0]31 303 5198 I **f**
admin@designworkshop.co.za I **e**

Howard House.pln 15:45 PM / 2013/07/12