

**FINISHES SCHEDULE**

- 1.0 FLOOR:**  
 1.1. Terrazzo finish including skirting  
 1.2. Insitu concrete troweled smooth with cement: Sand screed
- 2.0 SKIRTING:**  
 2.1. 100mm high Terrazzo skirting  
 2.2. 100mm high Sand skirting
- 3.0 WALL FINISH:**  
 3.1. 25 mm thick smooth plaster finish with one coat plaster primer and 3 coats silk vinyl approved paint  
 3.2. Ceramic wall tiles up to 2100mm height  
 3.3. Ceramic wall Tiles
- 4.0 CEILING:**  
 4.1. gypsum board ceiling with vinyl finish  
 4.2. Sadomatt ceiling paint on 12mm thick plaster on slab

**GROUND FLOOR PLAN**  
 HC IV THEATRE 1:125

**PROJECT MANAGERS**

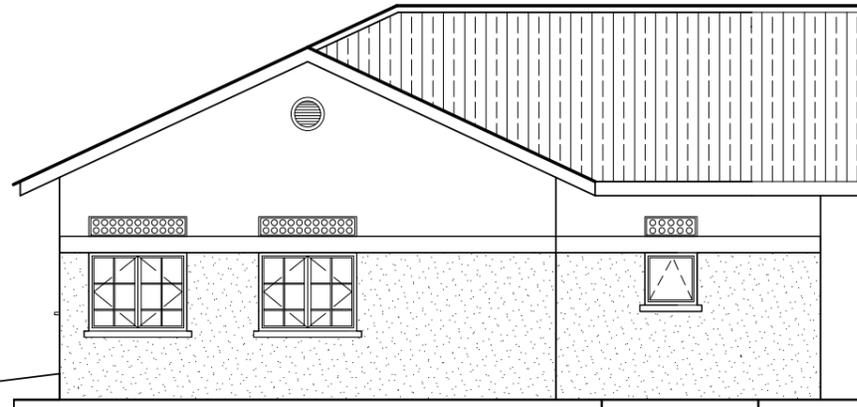
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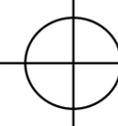
Notes	Date	Sign
Notes		
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3. All External Walls are 230mm, including plaster.		
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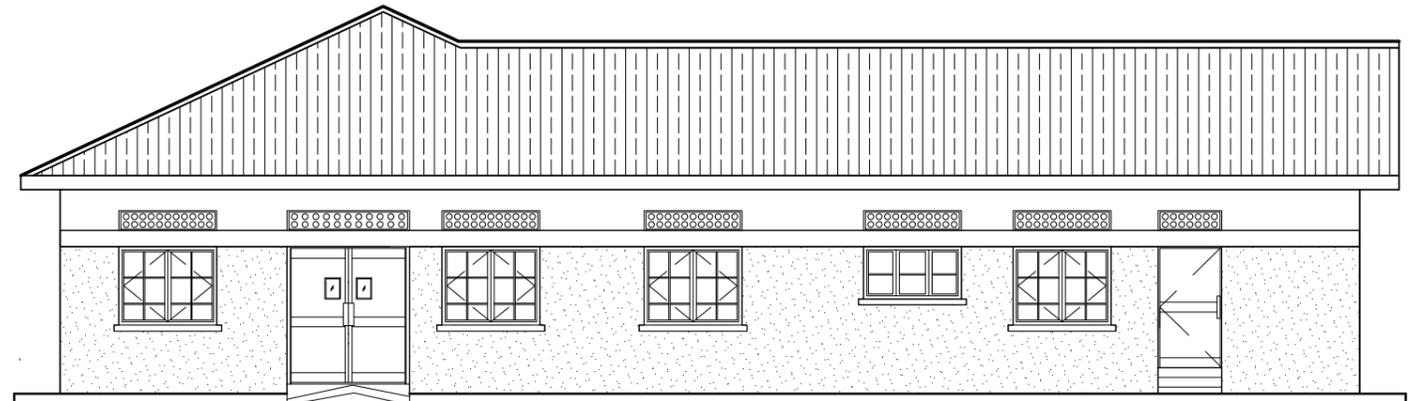
<b>CONTRACT</b> CONSULTANCY SERVICES FOR THE DEVELOPMENT OF DETAILED DESIGNS AND TENDER DOCUMENTS FOR CONSTRUCTION OF SELECTED HEALTH FACILITIES LOT 1	Drawn by <b>ABAAYO EVAS</b> Checked by <b>MATOYA MARORIA</b>	Date: July-2012
Job Title <b>DEVELOPMENT OF DETAILED DESIGNS AND TENDER DOCUMENTS FOR CONSTRUCTION OF HEALTH CENTRE IV</b>	Job No. <b>CCAL/2011-234</b>	Sheet No: <b>HCIV-THEATRE/A.501</b>
	Drawing Scale	

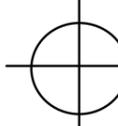
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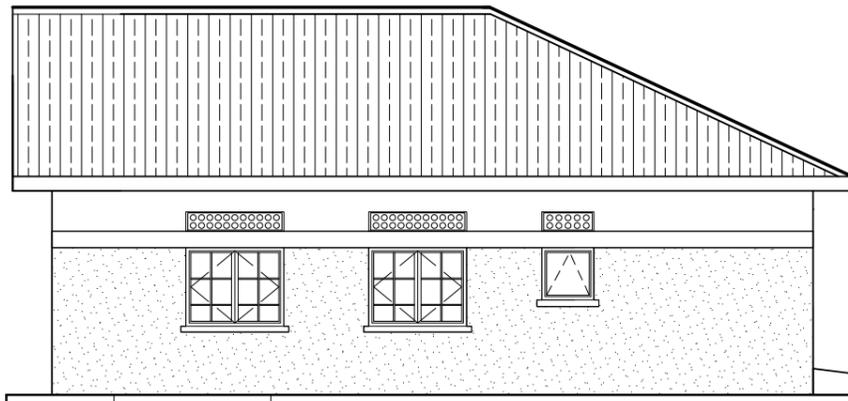
**JULY 2012**

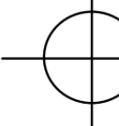


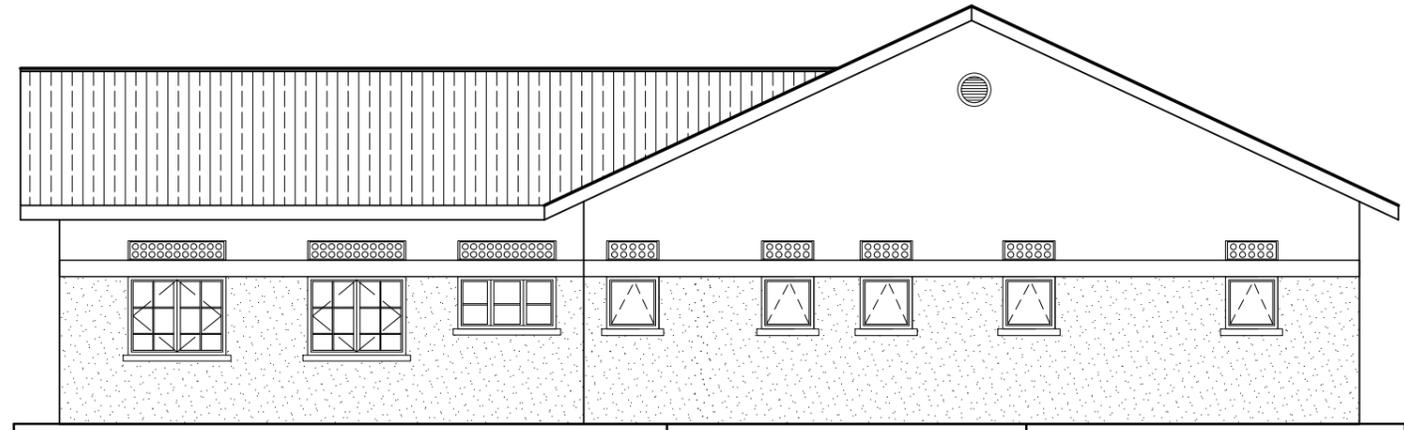

**ELEVATION 03**  
 HC IV THEATRE SCALE 1:100

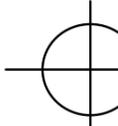



**ELEVATION 02**  
 HC IV THEATRE SCALE 1:100




**ELEVATION 04**  
 HC IV THEATRE SCALE 1:100




**ELEVATION 01**  
 HC IV THEATRE SCALE 1:100

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 TEL: 0414-232717, FAX: 0414-232719  
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[www.creationsconsult.org](http://www.creationsconsult.org)

Notes	Date	Sign

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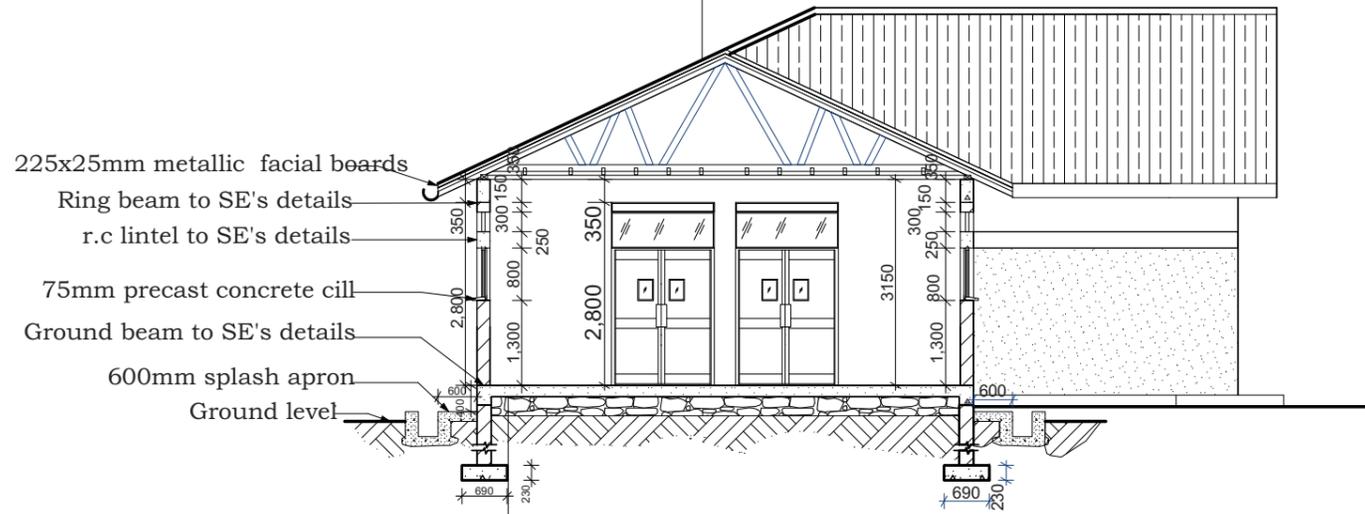
<b>CONTRACT</b> <b>CONSULTANCY SERVICES FOR THE DEVELOPMENT OF DETAILED DESIGNS AND TENDER DOCUMENTS FOR CONSTRUCTION OF SELECTED HEALTH FACILITIES LOT 1</b>
<b>Job Title</b> <b>DEVELOPMENT OF DETAILED DESIGNS AND TENDER DOCUMENTS FOR CONSTRUCTION OF HEALTH CENTRE IV</b>

Drawn by <b>ABAAYO EVAS</b> Checked by <b>MATOYA MARORIA</b>	Date: July-2012 Date: July-2012
Job No. <b>CCAL/2011-234</b>	Sheet No: <b>HCIV-THEATRE/A.502</b>
Drawing Scale	

**JULY 2012**

**ROOF NOTES:**

- 22.5° Roof Pitch of
- 24 gauge IT4 Roofing Sheets, on
- Steel trusses to SE detail
- Ceiling:**
- Gypsum board ceiling fixed to,
- 38x38mm branderling at 450mm centres on,
- 75mm concave gypsum cornice



- 225x25mm metallic facial boards
- Ring beam to SE's details
- r.c lintel to SE's details
- 75mm precast concrete cill
- Ground beam to SE's details
- 600mm splash apron
- Ground level

**FOUNDATION NOTES:**

- Terrazzo Floor finish on,
- 150mm thick concrete slab (1:3:6 mix ) on
- Gauge 1000mm visqueen or similar gauge dpm
- With BRC mesh A142 on,
- 50mm Clean Sand on,
- 150mm hard core on,
- Well compacted & treated laterite

**SECTION A-A**  
 HC IV THEATRE SCALE 1:100

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Notes	Date	Sign

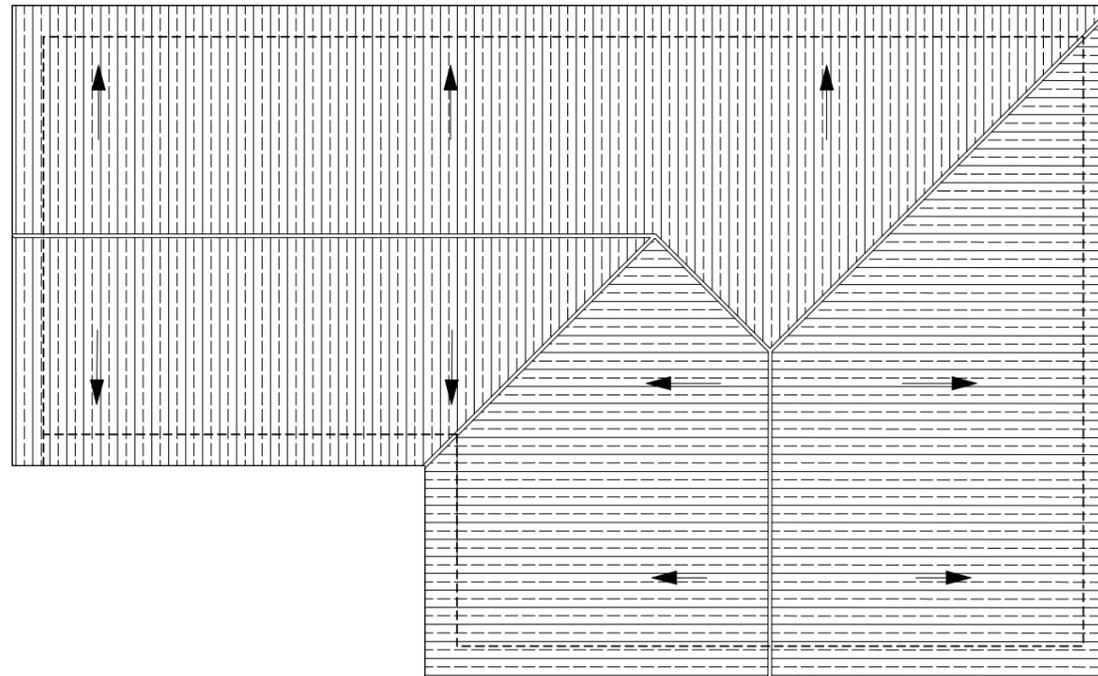
**Notes**

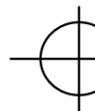
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<p>Job Title</p> <p><b>DEVELOPMENT OF DETAILED DESIGNS AND TENDER DOCUMENTS FOR CONSTRUCTION OF HEALTH CENTRE IV</b></p>

<p>Drawn by</p> <p><b>ABAAYO EVAS</b></p> <p>Checked by</p> <p><b>MATOYA MARORIA</b></p>	<p>Date: July-2012</p> <p>Date: July-2012</p>
<p>Job No.</p> <p><b>CCAL/2011-234</b></p>	<p>Sheet No:</p> <p><b>HCIV-THEATRE/A.503</b></p>
<p>Drawing Scale</p>	

**JULY 2012**




**ROOF PLAN**  
 HC IV THEATRE 1:100

**PROJECT MANAGERS**



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**CONSULTANCY SERVICES FOR THE DEVELOPMENT OF  
 DETAILED DESIGNS AND TENDER DOCUMENTS FOR  
 CONSTRUCTION OF SELECTED HEALTH FACILITIES LOT 1**

**Job Title**  
**DEVELOPMENT OF DETAILED DESIGNS AND TENDER  
 DOCUMENTS FOR CONSTRUCTION OF HEALTH CENTRE IV**

Drawn by  
**ABAAYO EVAS**  
 Checked by  
**MATOYA MARORIA**

Date: July-2012  
 Date: July-2012

Job No.  
**CCAL/2011-234**

Sheet No:  
**HCIV-THEATRE/A.504**

Drawing Scale

**JULY 2012**

HC IV THEATRE-DOOR SCHEDULE (Scale 1:100)						
Mark	D 01 PVO	D 02	D 03 PVO	D 04	D 05 PVO	D 06
Elevation						
Plan						
Remarks	Solid core mahogany veneered flush door with vision panel on purpose made aluminium frames	Steel casement doors complete with glazing	Solid core mahogany veneered flush door on purpose made aluminium frames	Standard framed and battened door on purpose made Aluminium frames.	Solid core mahogany veneered flush door on purpose made aluminium frames	Steel casement door.
Quantity	03	01	06	05	02	01
Location	Ante/recovery room, Anaesthetist Discharge	Entrance Lobby	Sister in charge, Anaesthetist, Surgeon, Store, Sterile, Sterilisation, Sluice room.	Toilets and showers.	Change/Rest rooms	Sluice Room

HC IV THEATRE-WINDOW SCHEDULE (Scale 1:50)				
Mark	W 01 SH 900	W 02 SH 900	W 03 SH 1300	W 04 SH 1300
Elevation				
Plan				
Remarks	Standard steel casement (Sill height 900mm)	Standard steel casement fixed window (Sill height 900mm)	Obscured glass window steel casement (Sill height 1300mm)	Standard steel casement window (Sill height 1300mm)
Quantity	11	01	02	07
Location	All rooms apart from rest rooms	Duty station	Operating room	Toilets, showers and store.

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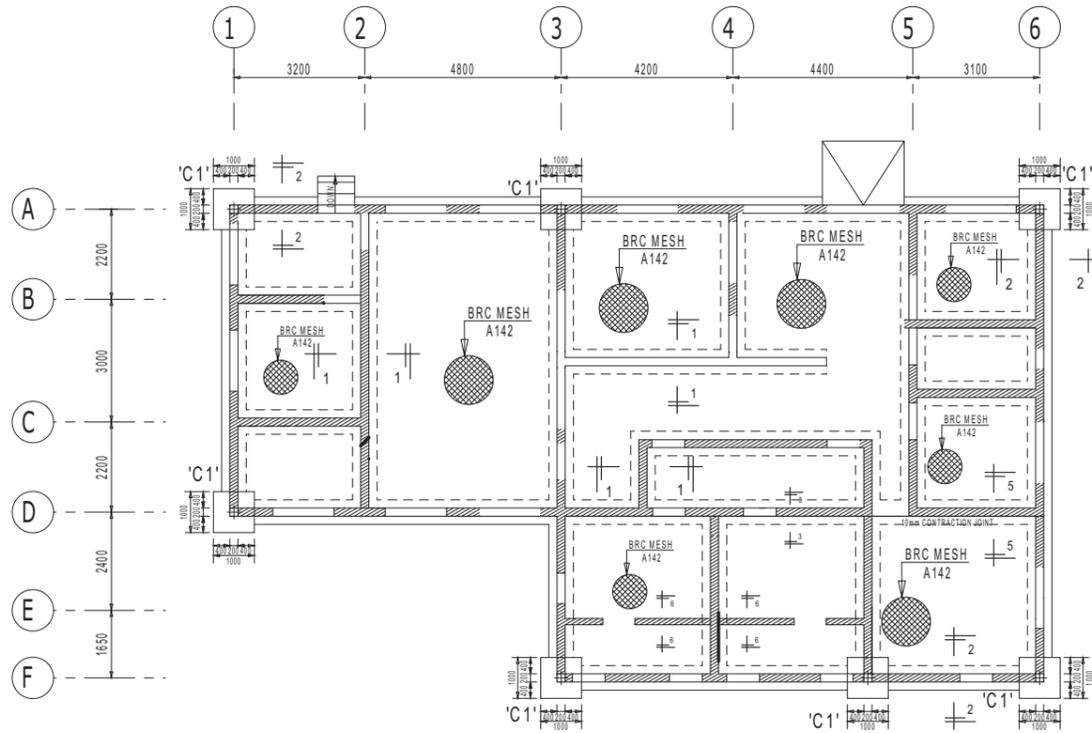
CONTRACT  
**CONSULTANCY SERVICES FOR THE DEVELOPMENT OF DETAILED DESIGNS AND TENDER DOCUMENTS FOR CONSTRUCTION OF SELECTED HEALTH FACILITIES LOT 1**

Job Title  
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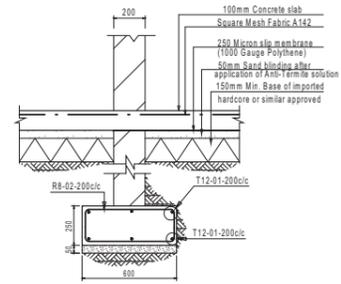
Drawn by  
**ABAAYO EVAS**  
 Checked by  
**MATOYA MARORIA**  
 Date: July-2012  
 Date: July-2012

Job No.  
**CCAL/2011-234**  
 Sheet No:  
**HCIV-THEATRE/A.505**  
 Drawing Scale

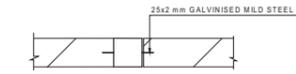
**JULY 2012**



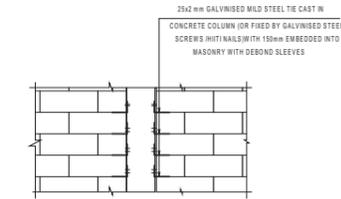
**GROUND FLOOR PLAN**



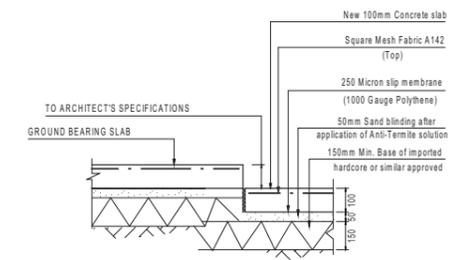
**SECTION 1-1**



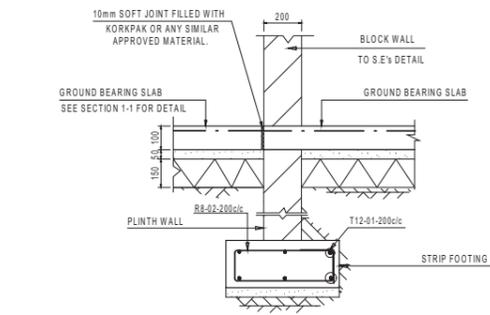
**PLAN MOVEMENT JOINT DETAIL 'X'**



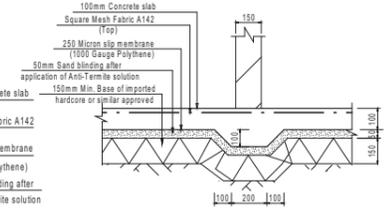
**ELEVATION**



**SECTION THROUGH TYPICAL GROUND FLOOR STEP**

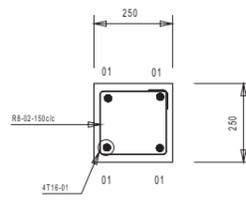


**SECTION 5-5**

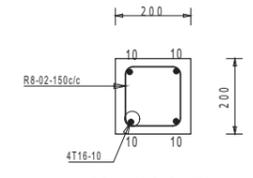


**SECTION 6-6**

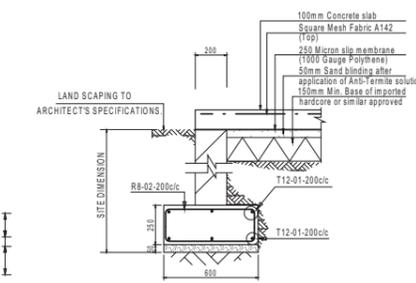
**TYPICAL THICKENING DETAIL**



**SECTION 1-1 COLUMNS 'C1' (7Nos)**

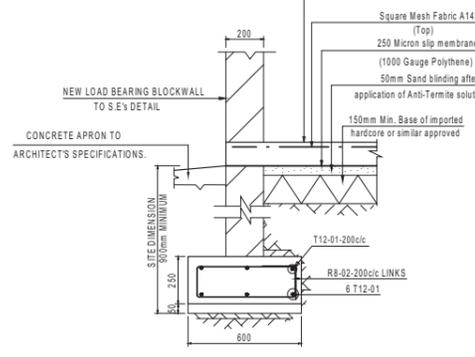


**SECTION 8-8 COLUMNS 'C1' (7Nos)**



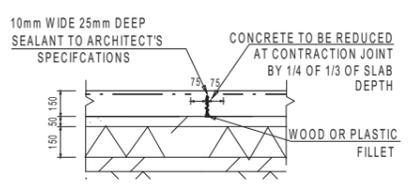
**SECTION 4-4**

**TYPICAL SECTION GROUND STEPS DETAIL**



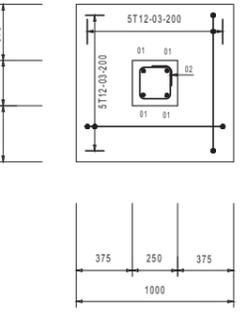
**SECTION 2-2**

**TYPICAL SECTION GROUND RAMP**

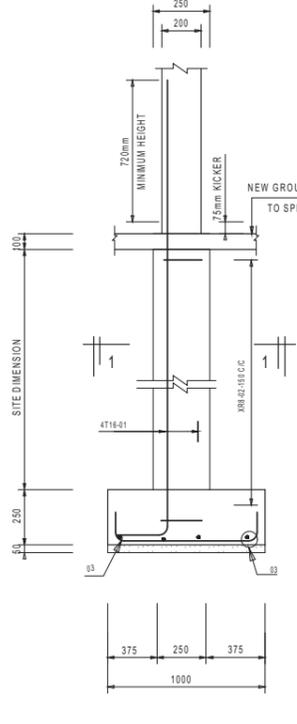


**SECTION 3-3**

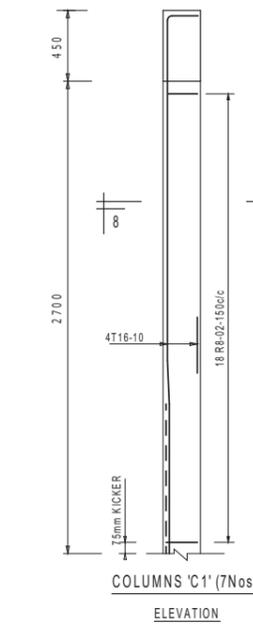
**CONTRACTION JOINT DETAIL**



**TYPICAL BASE PLAN COLUMNS 'C1' (7Nos)**



**TYPICAL BASE ELEVATION COLUMNS 'C1' (7Nos)**



**ELEVATION COLUMNS 'C1' (7Nos)**

**GENERAL NOTES**

1. REFERENCES  
ALL ENGINEER'S DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECT'S DRAWINGS. ANY DISCREPANCY SHOULD BE REPORTED TO BOTH THE ARCHITECT AND THE ENGINEER.

2. DIMENSIONS  
ALL DIMENSIONS ARE IN MILLIMETERS (UNLESS STATED OTHERWISE).

3. FOUNDATIONS  
FOUNDATIONS HAVE BEEN DESIGNED ON BEARING PRESSURE OF 150 kN/m<sup>2</sup>. FOUNDATION DEPTH TO BE DETERMINED BY ENGINEER PRIOR TO LAYING CONCRETE. MINIMUM FOUNDATION DEPTH TO BE 100mm BELOW FLOOR LEVEL OR 60mm BELOW SPLASH APRON WHICHEVER IS CRITICAL. MAXIMUM ALLOWABLE FALL BELOW GROUND SLAB = 80mm.

4. BLOCKWORK  
ALL LOAD BEARING BLOCK WALLS TO BE CONSTRUCTED FROM SOLID BLOCK OF 50mm MIN. CHARACTERISTIC COMPRESSION STRENGTH COMPLYING WITH BS 5628 PART 1 1978 STRUCTURAL USE OF UNREINFORCED MASONRY.  
MORTAR TO CONFORM TO MORTAR DESIGNATION (III) OF TABLE 1 BS 5628 PART 1.

5. CONCRETE

PROPOSED USE	GRADE	PERMITTED TYPE AGGREGATE		MAX. SIZE AGGREGATE	WORKABILITY
		COARSE	FINE		
REINFORCED CONC. INCLUDING GROUND BEARING SLAB	C 30	BS 882	BS 882	20mm	MEDIUM (75)
CONCRETE CONTAINING NO EMBEDDED METAL	C 15	BS 882	BS 882	40mm	MEDIUM (75)
BINDING CONCRETE	C 7.5	BS 882	BS 882	20mm	MEDIUM (75)
CONCRETE IN MINOR ELEMENTS eg LINTELS	C 15	BS 882	BS 882	10mm	MEDIUM (75)

6. COVER

LOCATION	COVER
TO MESH IN GROUND SLAB	30mm
COLUMNS (COVER TO LINKS)	20mm
SLAB (COVER TO MAIN BARS)	30mm
FOUNDATIONS TOP AND BOTTOM SIDES	40mm
	75mm

7. JOINTS  
MOVEMENT JOINTS TO BE AT A MAXIMUM 9M CENTRES. JOINT POSITIONS AS INDICATED ON DRG. JOINT IN SLAB TO BE CARRIED THROUGH WALLS TO UNDERSIDE OF RING BEAM.

8. WALL TIES  
PROVIDE MASONRY ANCHORS EVERY 2 COURSES USING GALVANISED MILD STEEL BONDING TIES TO BS 1243 1978.

9. REINFORCEMENT  
REINFORCEMENT TO BE IN ACCORDANCE WITH CONSULTING ENGINEER'S SPECIFICATIONS.  
8 — DENOTES ROUND MILD STEEL BARS.  
1 — DENOTES HIGH YIELD STRENGTH BARS.

**FOR COSTING**

mark	revision	date	by

ARCHITECT  
**CREATIONS CONSULT AFRICA LTD.**  
Plot 2D, NAKASERO HILL ROAD, KAMPALA  
UGANDA-Tel 0414-232717 FAX 0414-232719

**SAMPAR LTD**  
CONSULTING ENGINEERS  
TEL: (041) 250 116/251 171 PLOT 1-5, SPRING CLOSE  
FAX: (041) 250 383 P.O. BOX 10669, WAKOLO  
EMAIL: sampar@mul.com KAMPALA, UGANDA.

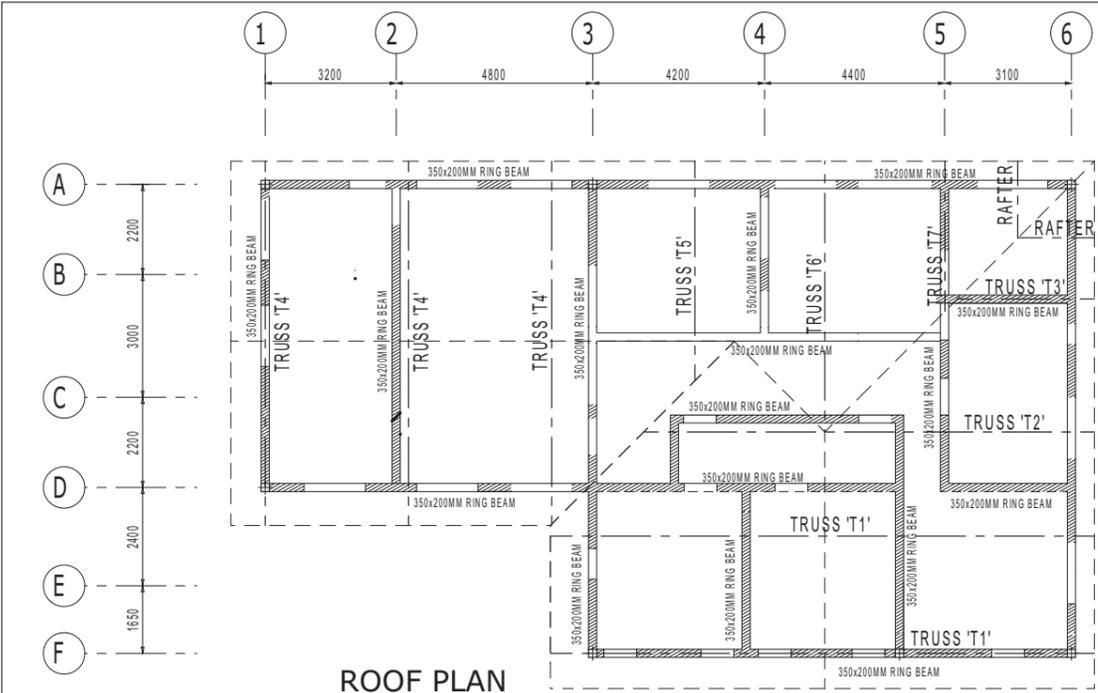
CLIENT:  
**GOVERNMENT OF THE REPUBLIC OF UGANDA  
MINISTRY OF HEALTH  
P. O. BOX 7272, KAMPALA**

JOB:  
**MODIFICATION DRAWINGS FOR  
STANDARD HEALTH CENTRE IV  
THEATRE BLOCK**

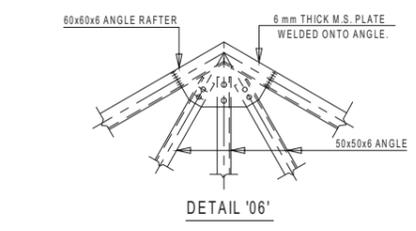
TITLE:  
**GROUND FLOOR GA, FOUNDATION DETAILS,  
BASE & COLUMN REINF'T DETAILS**

drawn: F.A scale: 1:100, 1:50, 1:20, 1:10 job no.:      dsg. no.:      revision:  
checked:      date: AUG. 2012      U/509/HCV      F/01  
passed:

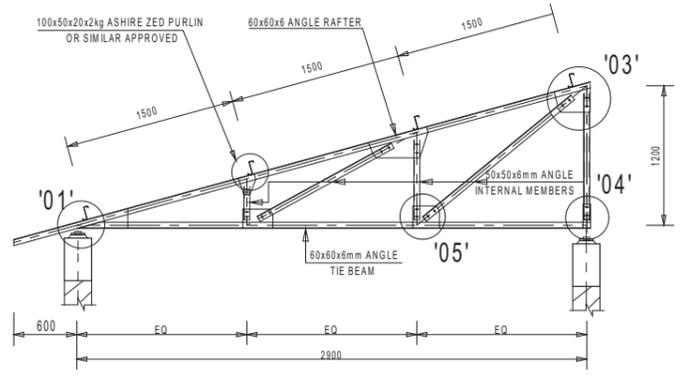




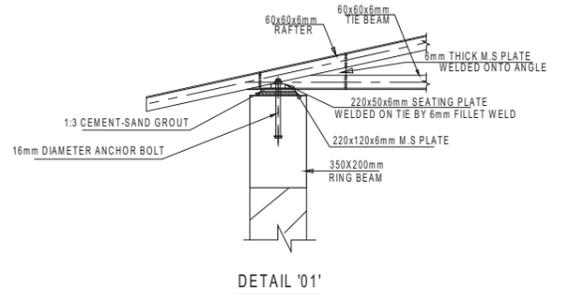
ROOF PLAN



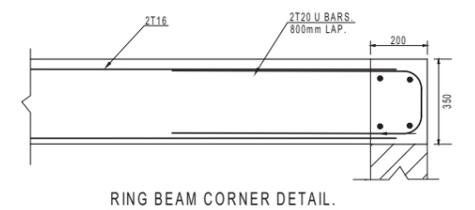
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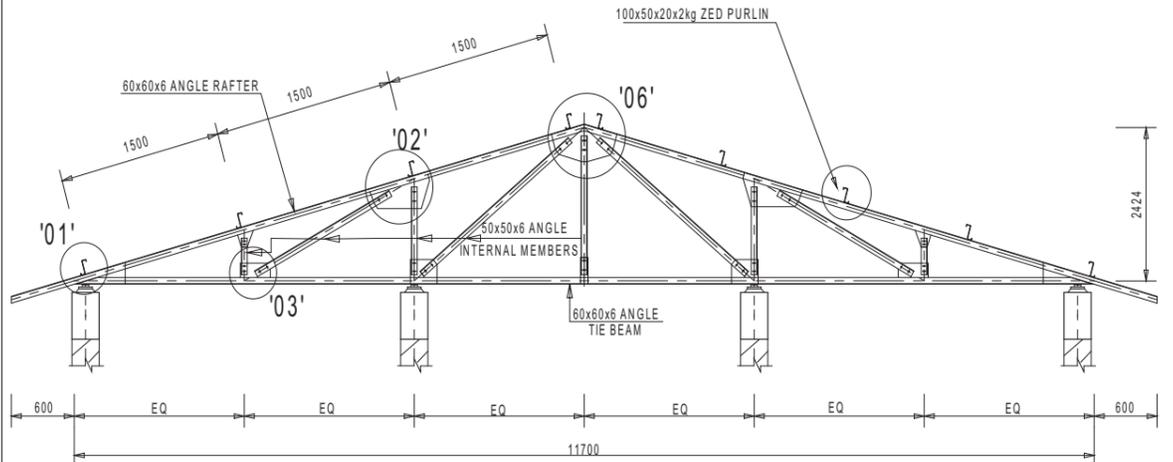
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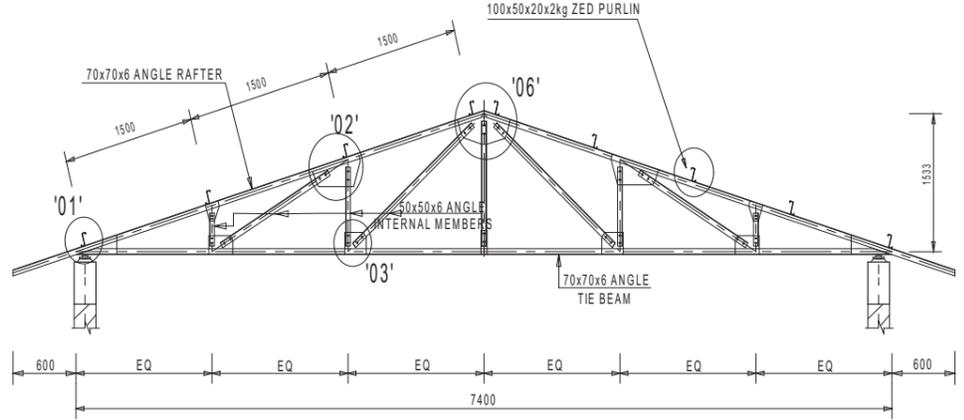
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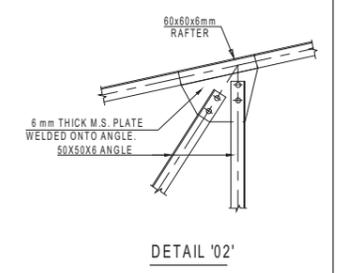
RING BEAM CORNER DETAIL.



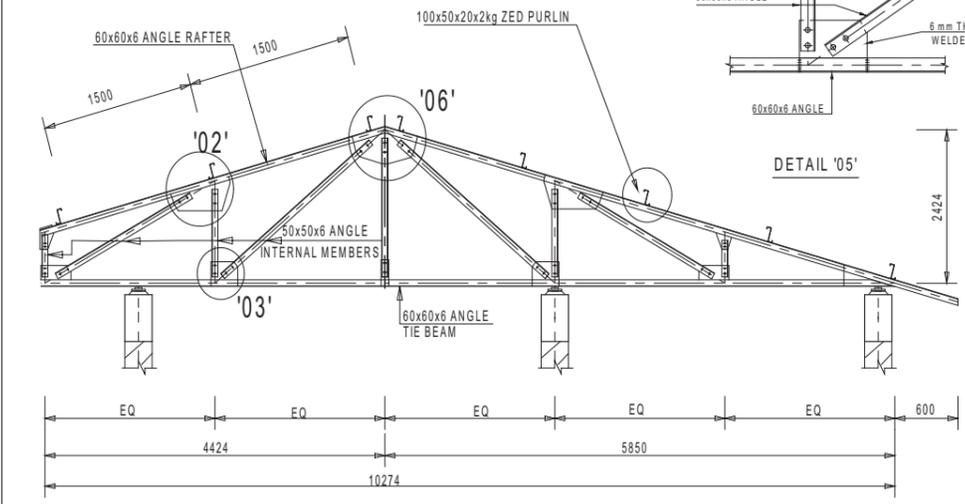
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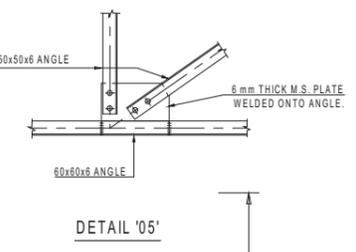
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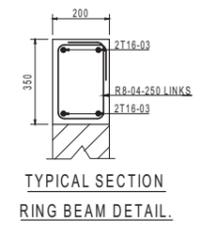
DETAIL '02'



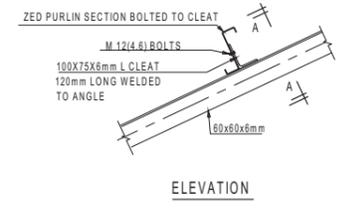
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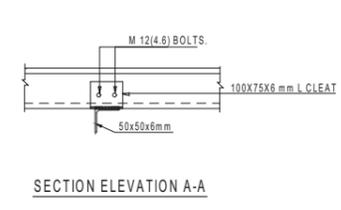
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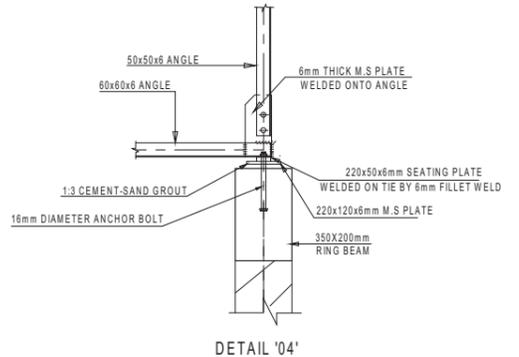
TYPICAL SECTION RING BEAM DETAIL.



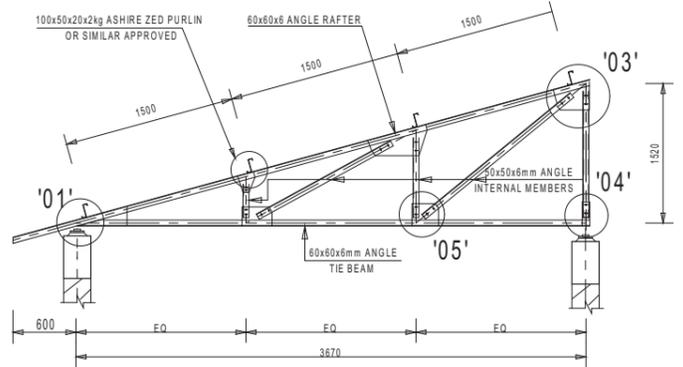
ELEVATION



SECTION ELEVATION A-A



DETAIL '04'



TRUSS 'T7' (1No.s)

GENERAL NOTES

- 1- REFERENCES  
THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRG. No.s U/38/103 & 04. AND ALL RELEVANT ARCHITECT'S DRAWINGS. ANY DISCREPANCY SHOULD BE REPORTED TO BOTH THE ARCHITECT AND THE ENGINEER.
- 2- DIMENSIONS  
ALL DIMENSIONS ARE IN MILLIMETERS (UNLESS STATED OTHERWISE).
- 3- STEEL WORK  
ALL STEELWORK IS DESIGNED IN ACCORDANCE WITH BS 5950: PART 1: 1990 'STRUCTURAL USE OF STEELWORK IN BUILDINGS'. ALL STRUCTURAL STEEL TO BE GRADE 43 TO BS 4360 UNLESS STATED OTHERWISE.
- 4- WELDS  
WELDING SHALL BE A METAL ARC PROCESS IN ACCORDANCE WITH BS 5135 AND BS 4570 AS APPROPRIATE. ALL FILLET WELDS SHALL BE 6mm MINIMUM. CONTINUOUS ON ALL SIDES BY WELDERS APPROVED TO BS 4872: PART 1.
- 5- BOLTS  
ALL BOLTS TO BE GRADE 4.6. ORDINARY BOLTS OF 16mm DIAMETER TO BE USED.
- 6- CONNECTIONS  
ALL CONNECTIONS SHALL BE DESIGNED AND DETAILED BY THE FABRICATOR. FABRICATION DRAWINGS TO BE PREPARED BY THE FABRICATOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION/ERECTION.
- 9- CONCRETE

PROPOSED USE	GRADE	PERMITTED TYPE AGGREGATE	MAX. SIZE AGG.	WORKABILITY
REINFORCED CONCRETE	C 30	BS 882 COARSE BS 882 FINE	20mm	MEDIUM (75)

COVER	LOCATION	COVER
RING BEAM	COVER TO LINKS	25mm

- 10- REINFORCEMENT  
REINFORCEMENT TO BE IN ACCORDANCE WITH CONSULTING ENGINEER'S SPECIFICATIONS.  
R..... DENOTES ROUND MILD STEEL BARS.  
T..... DENOTES HIGH YIELD BOND STRENGTH BARS.  
LAP LENGTHS: T12 - 600mm MIN.  
T16 - 800mm MIN.
- 11- LOADING DATA  
IMPOSED LOAD ON ROOF = 0.25kN/m<sup>2</sup>.

FOR COSTING

mark	revision	date	by

ARCHITECT  
**CREATIONS CONSULT AFRICA LTD.**  
Plot 2D, NAKASERO HILL ROAD, KAMPALA  
UGANDA. Tel 0414-232717 FAX 0414-232719

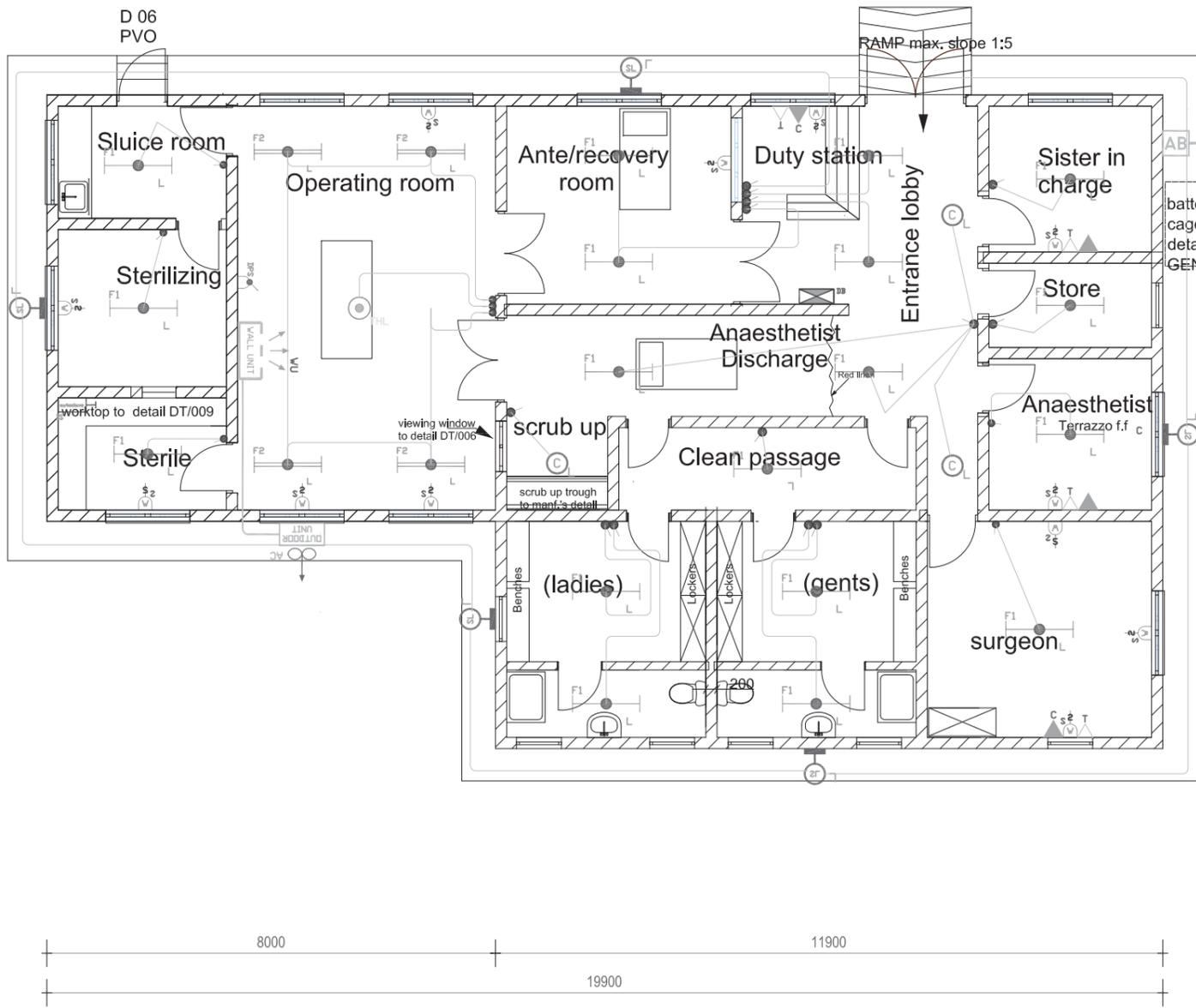
ENGINEER:  
**SAMPAR LTD**  
CONSULTING ENGINEERS  
TEL: (041) 250 118/251 171 PLOT 1-5 SPRING CLOSE  
WANKOKO  
P.O. BOX 10608  
KAMPALA, UGANDA.  
EMAIL: sampar@tmui.com

CLIENT:  
**GOVERNMENT OF THE REPUBLIC OF UGANDA  
MINISTRY OF HEALTH  
P. O. BOX 7272, KAMPALA**

JOB:  
**MODIFICATION DRAWINGS FOR KITWE  
HEALTH CENTRE IV**

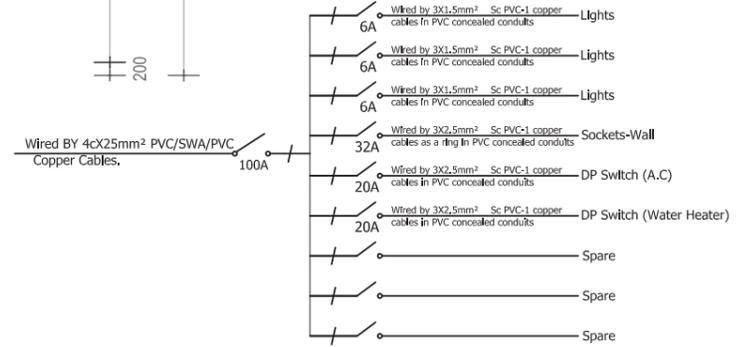
TITLE:  
**THEATRE BLOCK  
ROOF GA & TRUSS DETAILS**

drawn: F.A	scale: 1:100, 1:50, 1:20, 1:10	job no.:	drg. no.:	revision:
checked:	date: OCT. 2011	U/509/HCV	F/02	
passed:				



**GROUND FLOOR PLAN**  
HC IV THEATRE 1:100

SYMBOL	DESCRIPTION
F1	T5 1x28W, 1200mm fluorescent Bare batten lighting fitting with electronic control gear as HAVELL'S or CLIPSAL or THORN or equal approved
L	Security bulkhead with cast aluminium body with glass lens and aluminium louver with 1x26W CFL lamp to IP44, as PIERLITE, AL 236 or equal approved
C	Pendant (Ceiling Rose, flex, lamp holder, lamp) 18W CFL
2	13A two Gang switched Socket outlet on trunking.
2	13A two Gang switched Socket outlet on wall.
CP	COMPUTER POINT.
TR	RJ45 Telephone Point.
CFE	6kg Carbon dioxide type, wall mounted fire extinguisher as ANGUS CS60H, or equal approved
FFP	9kg Monoammonium phosphate Grade IAIB dry powder type, cartridge operated, wall mounted fire extinguisher as ANGUS, or equal approved
-----	3 Section PVC Trunking overall section 167 x 50mm as marking suffix sterling trunking profile 2 or equal approved complete with couplers, end cap, internal/external bends, upward/down ward flat ties and all accessories.
1	1 Gang 2way switch.
1	1 Gang 1way switch.
2	2 Gang 1way switch.
DB	Distribution board.
CU	Consumer Unit
AB	Adaptable box
PC	Photo cell
CCU	Cooker Control Unit
F5	T5 1x18W, 600mm Bare batten fluorescent lighting fitting with electronic control gear as HAVELL'S or CLIPSAL or THORN or equal approved.
F6	T5 2x28W, 1200mm fluorescent Bare batten lighting fitting with electronic control gear as HAVELL'S or CLIPSAL or THORN or equal approved
STL	Surgical Theater Lighting fitting to engineer's approval.
AIW	Air Conditioning Indoor Wall Unit.
AOU	Air Conditioning Outdoor Unit.
SP	Double pole switch.
WH	Water Heater.



100A, 9- WAY SPN MCB FLUSH CONSUMER'S UNIT (CU-1)- THEATER

**PROJECT MANAGERS**

CreationsConsult  
africa ltd  
architects • engineers • project managers  
PLOT 2B NAKASERO HILL ROAD,  
KAMPALA  
TEL: 0414-232717, FAX: 0414-232719  
e-mail: frontdesk@creationsconsult.org  
www.creationsconsult.org

**MECHANICAL AND ELECTRICAL ENGINEERS**

M & E ASSOCIATES  
CONSULTING ENGINEERS  
ROFRA HOUSE, GABA ROAD  
P. O. BOX 4052  
KAMPALA, UGANDA  
TEL 501894, FAX 501893  
email: meassoc@utlonline.co.ug

Notes	Date	Sign
Notes		
1. All Dimensions are in millimeters unless stated otherwise.		
2. Do not scale the drawings. In case of any discrepancy, consult the Architect.		
3. All External Walls are 230mm, including plaster.		
4. Refer to notes for finishes and details.		
5. These Drawings are to be read in conjunction with other specialists drawings.		

**CONTRACT**  
CONSULTANCY SERVICES FOR THE  
REVIEW OF STANDARD DESIGNS  
FOR HEALTH FACILITIES

Job Title:  
**STANDARD DRAWINGS FOR HEALTH  
CENTRE IV**

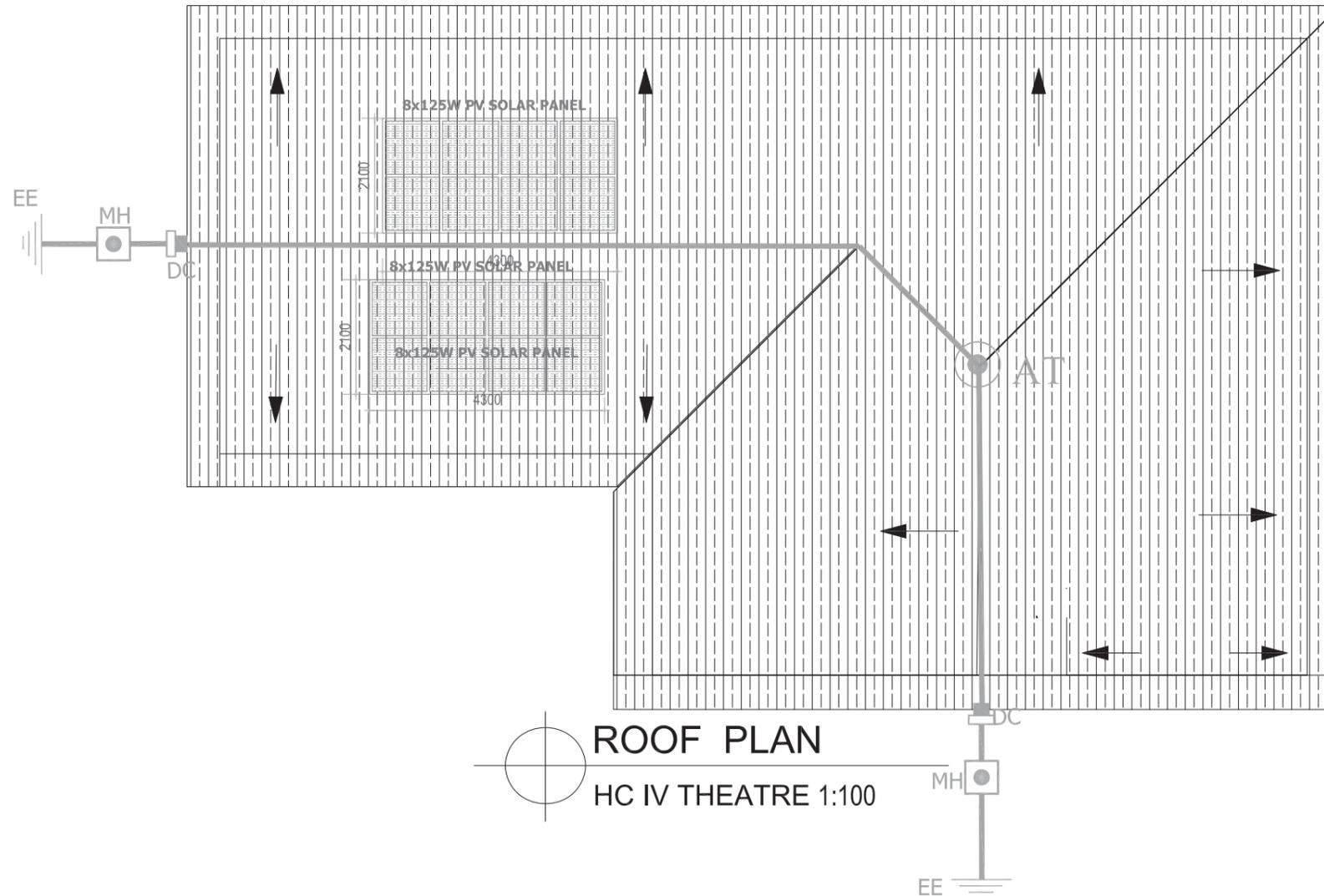
Drawing Title:  
**HC IV - THEATRE : ELECTRICAL INSTALLATIONS :  
POWER SUPPLY AND LIGHTING**

Drawn By: <b>TMU</b>	Date: <b>June-2011</b>
Checked by: <b>S.S.S</b>	Date: <b>June-2011</b>
Layout ID <b>MEA613/STD/1.1</b>	Status Revision
Drawing Scale: <b>1:100</b>	Serial No: <b>01</b>

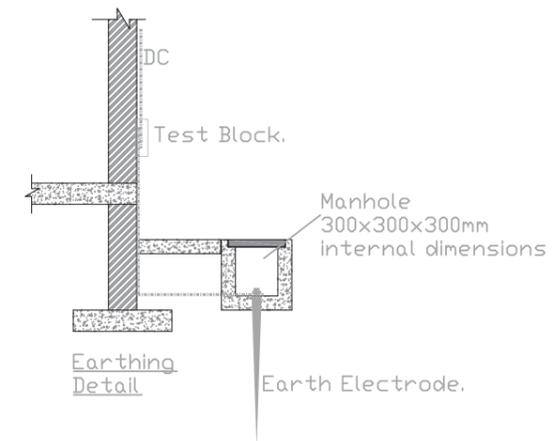
**SCHEME DESIGN  
JUNE 2011**

LEGEND

- ⊙ AT AIR TERMINAL
- ▭ TB TEST BLOCK
- ⊙ MH INSPECTION MANHOLE
- ≡ EE EARTH ELECTRODE
- HC HORIZONTAL CONDUCTOR COPPER TAPE 3x25mm
- DC DOWN CONDUCTOR COPPER TAPE 3x25mm



ROOF PLAN  
HC IV THEATRE 1:100



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africa ltd  
architects • engineers • project managers  
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KAMPALA  
TEL: 0414-232717, FAX: 0414-232719  
e-mail: frontdesk@creationsconsult.org  
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**MECHANICAL AND ELECTRICAL ENGINEERS**

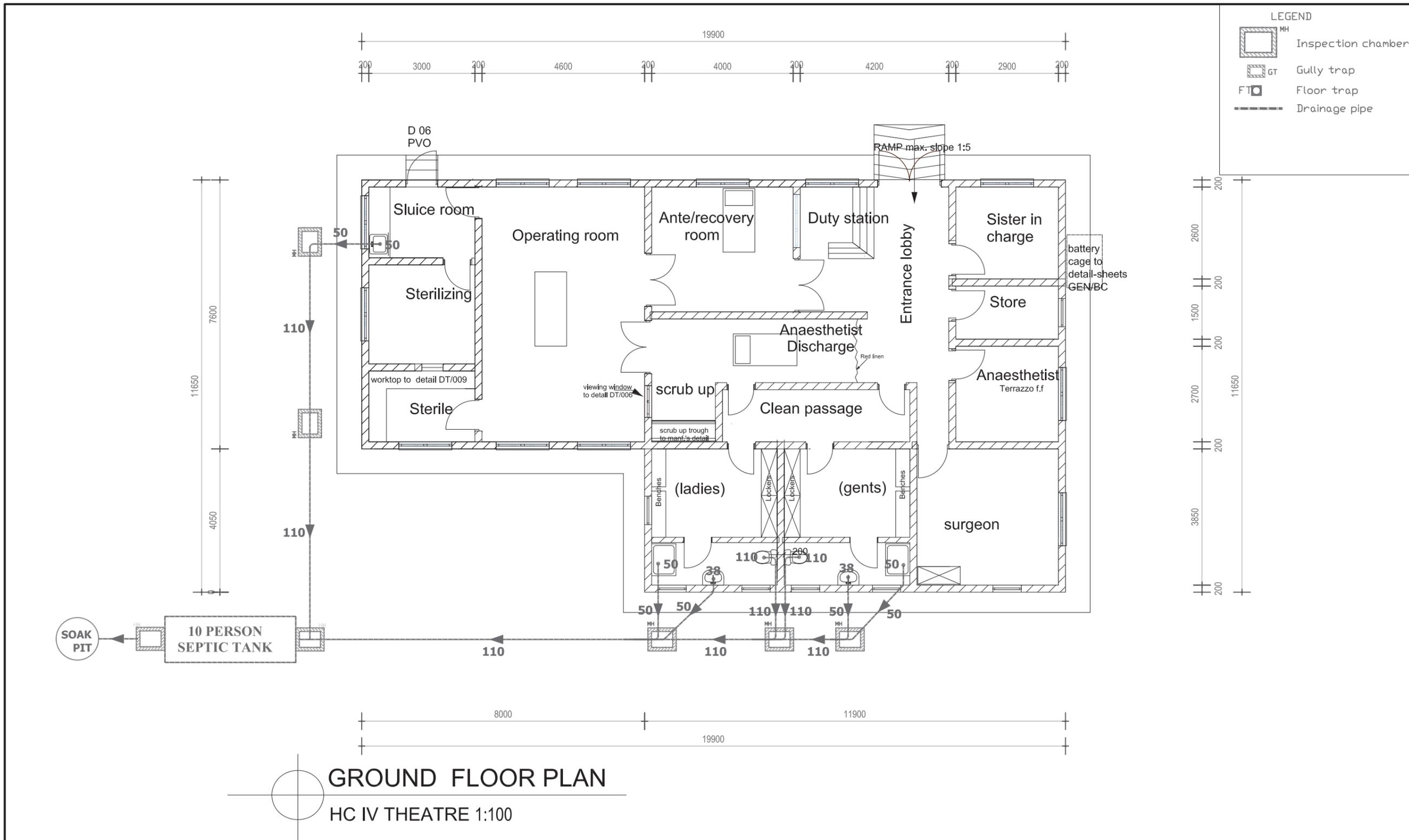
M & E ASSOCIATES  
CONSULTING ENGINEERS  
ROFRA HOUSE, GABA ROAD  
P. O. BOX 4052  
KAMPALA, UGANDA  
TEL 501894, FAX 501893  
email: meassoc@utlonline.co.ug

Notes	Date	Sign
Notes		
1. All Dimensions are in millimeters unless stated otherwise.		
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3. All External Walls are 230mm, including plaster.		
4. Refer to notes for finishes and details.		
5. These Drawings are to be read in conjunction with other specialists drawings.		

<b>CONTRACT</b> CONSULTANCY SERVICES FOR THE REVIEW OF STANDARD DESIGNS FOR HEALTH FACILITIES
Job Title: <b>STANDARD DRAWINGS FOR HEALTH CENTRE IV</b>
Drawing Title: HC IV - THEATRE BLOCK : ELECTRICAL INSTALLATIONS : LIGHTNING PROTECTION.

Drawn By: <b>TMU</b>	Date: <b>June-2011</b>
Checked by: <b>S.S.S</b>	Date: <b>June-2011</b>
Layout ID <b>MEA613/STD/1.2</b>	Status Revision
Drawing Scale: <b>1:100</b>	Serial No: <b>02</b>

SCHEME DESIGN  
**JUNE 2011**



**PROJECT MANAGERS**

**CreationsConsult**  
africat ltd  
architects • engineers • project managers  
PLOT 2B NAKASERO HILL ROAD,  
KAMPALA  
TEL: 0414-232717, FAX: 0414-232719  
e-mail: [frontdesk@creationsconsult.org](mailto:frontdesk@creationsconsult.org)  
[www.creationsconsult.org](http://www.creationsconsult.org)

**MECHANICAL AND ELECTRICAL ENGINEERS**

**M&E** M & E ASSOCIATES  
CONSULTING ENGINEERS  
ROFRA HOUSE, GABA ROAD  
P. O. BOX 4052  
KAMPALA, UGANDA  
TEL 501894, FAX 501893  
email: [meassoc@utonline.co.ug](mailto:meassoc@utonline.co.ug)

Notes	Date	Sign
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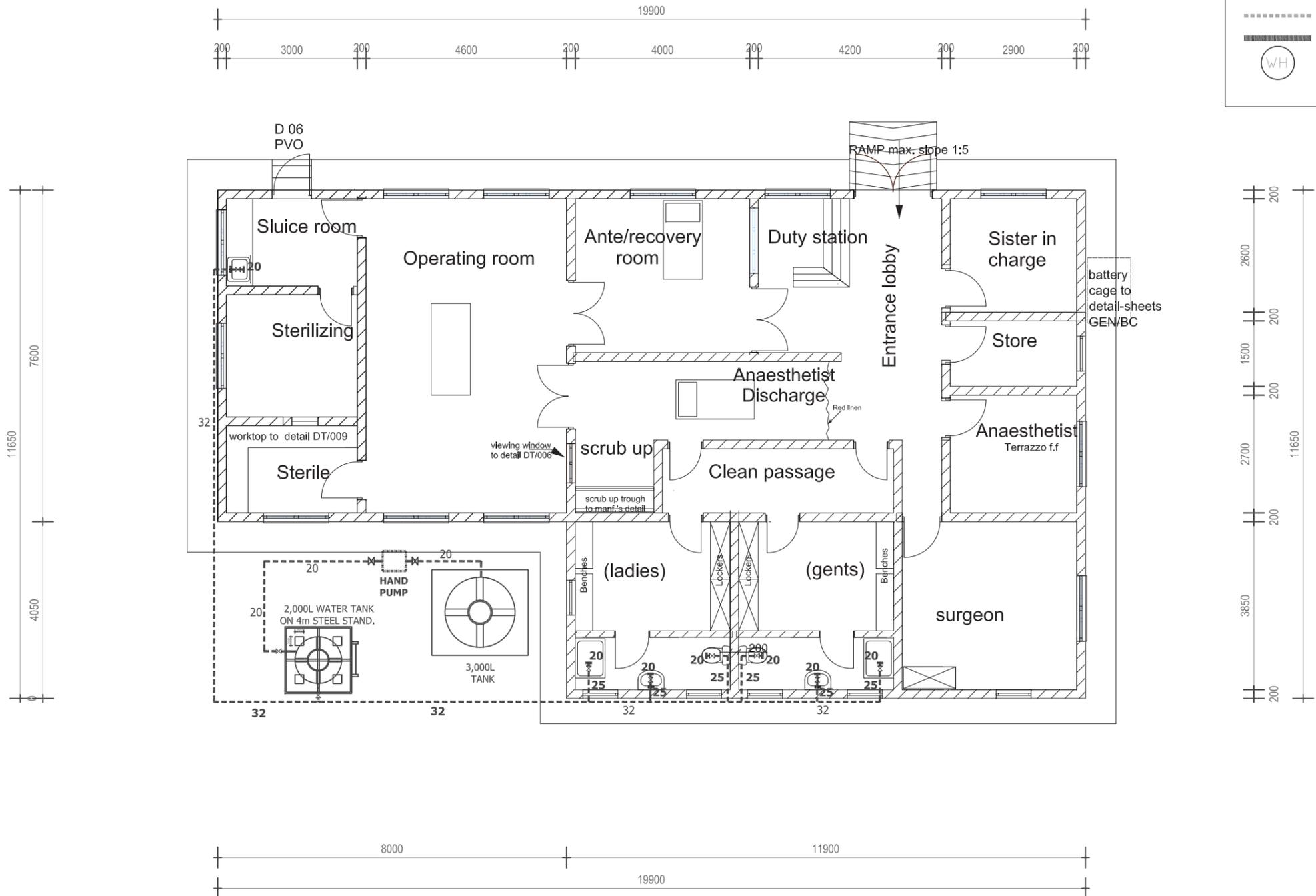
**CONTRACT**  
CONSULTANCY SERVICES FOR THE  
REVIEW OF STANDARD DESIGNS  
FOR HEALTH FACILITIES

**Job Title:**  
MODIFICATION DRAWINGS FOR HEALTH  
CENTRE IV

**Drawing Title:**  
HC IV - THEATRE BLOCK: MECHANICAL  
INSTALLATIONS: FOUL WATER DRAINAGE.

<b>Drawn by:</b> TMU	<b>Date:</b> June-2011
<b>Checked by:</b> S.S.S	<b>Date:</b> June-2011
<b>Layout ID</b> MEA613/STD/1.3	<b>Status</b> Revision
<b>Drawing Scale:</b> 1:100	<b>SERIAL No</b> 03

**SCHEME DESIGN**  
**JUNE 2011**



**LEGEND**

- Hot water pipe
- ===== Cold water pipe
- WH Water Heater

**GROUND FLOOR PLAN**  
 HC IV THEATRE 1:100

**PROJECT MANAGERS**

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 africa ltd  
 architects • engineers • project managers  
 PLOT 2B NAKASERO HILL ROAD,  
 KAMPALA  
 TEL: 0414-232717, FAX: 0414-232719  
 e-mail: [frontdesk@creationsconsult.org](mailto:frontdesk@creationsconsult.org)  
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**MECHANICAL AND ELECTRICAL ENGINEERS**

**M&E**  
 M & E ASSOCIATES  
 CONSULTING ENGINEERS  
 ROFRA HOUSE, GABA ROAD  
 P. O. BOX 4052  
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Notes	Date	Sign
Notes		
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**CONTRACT**  
 CONSULTANCY SERVICES FOR THE  
 REVIEW OF STANDARD DESIGNS  
 FOR HEALTH FACILITIES

**Job Title:**  
 MODIFICATION DRAWINGS FOR HEALTH  
 CENTRE IV.

**Drawing Title:**  
 HCIV-THEATRE BLOCK - MECHANICAL INSTALLATIONS:  
 PLUMBING AND WATER SUPPLY.

<b>Drawn by:</b> TM	<b>Date:</b> June-2011
<b>Checked by:</b> S.S.S	<b>Date:</b> June-2011
<b>Layout ID</b> MEA613/STD/1.4	<b>Status</b> Revision
<b>Drawing Scale:</b> 1:100	<b>SERIAL No</b> 04

**SCHEME DESIGN**  
**JUNE 2011**