






REVISIONS				
NO.	DATE	CHECKED	DONE BY	DESCRIPTION
A	18/09/15	TS	NR	ISSUED FOR INTERNAL REVIEW
B	21/09/15	TS	NR	ISSUED FOR DETAIL DESIGN
C	21/09/15	TS	NR	ISSUED FOR SQUAD CHECK
D	29/09/15	TS	NR	ISSUED FOR CLIENT REVIEW
E	17/11/15	TS	NR	ISSUED FOR CLIENT APPROVAL
O	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION



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WorleyParsons RSA (Pty) Ltd.

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DESIGNER:	T SNYDERS		03/12/15
PR ENG :	I ROBINSON		03/12/15
PROJECT ENGINEER MANAGER	L PADAYACHEE		03/12/15
LOCAL PR ENG :			
CLIENT:			

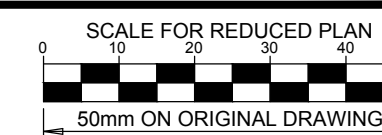
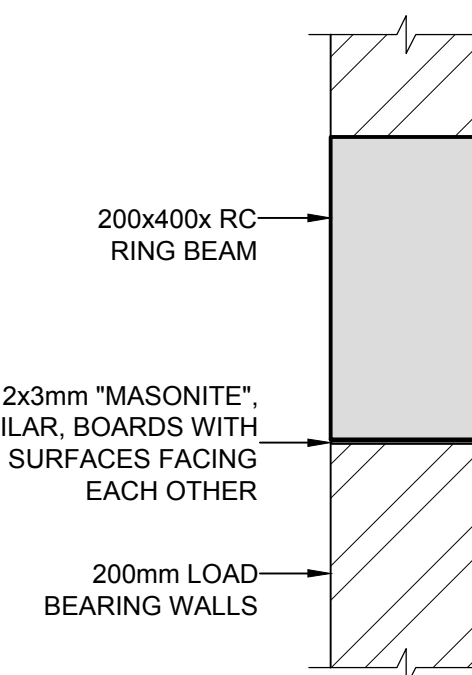
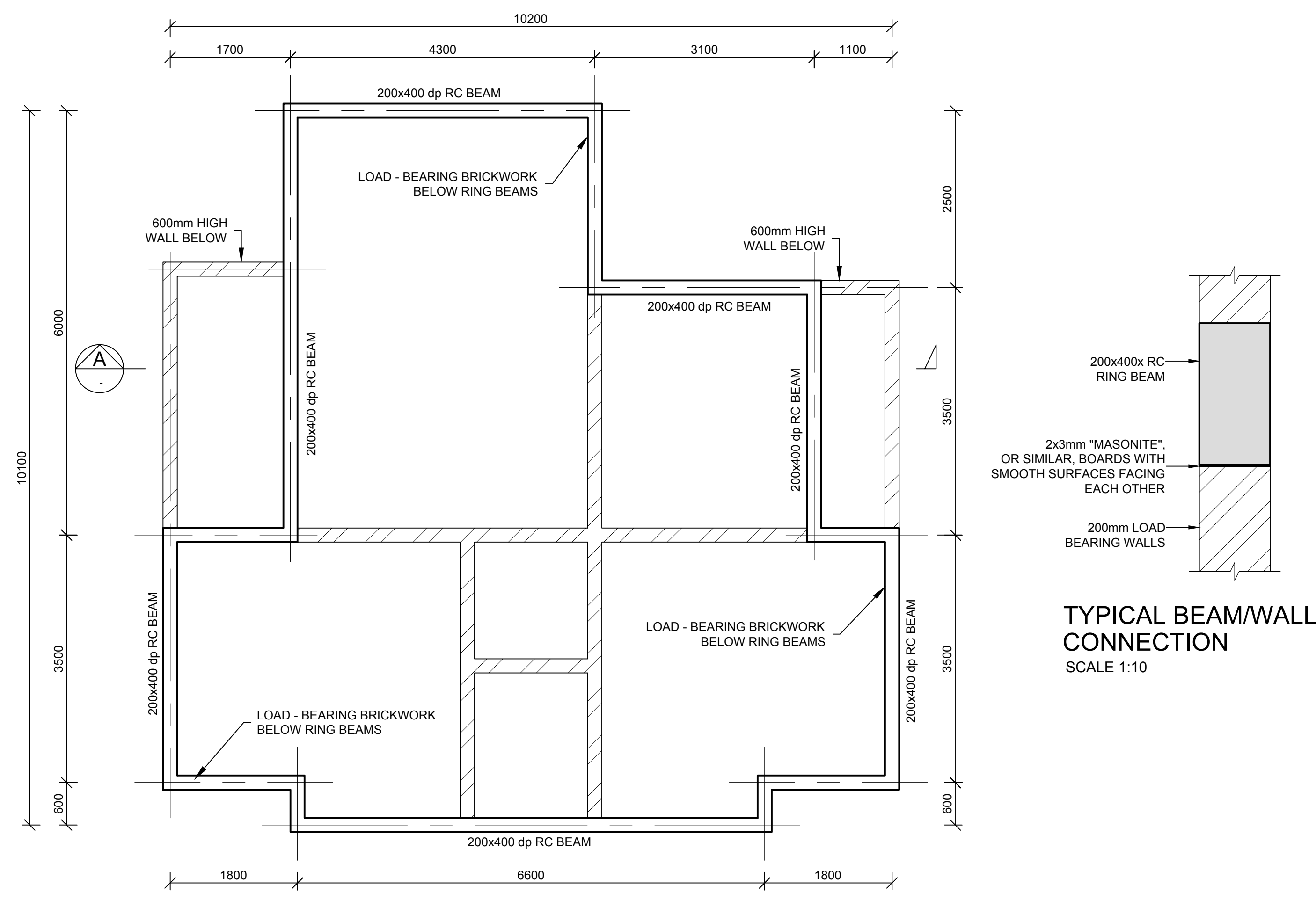
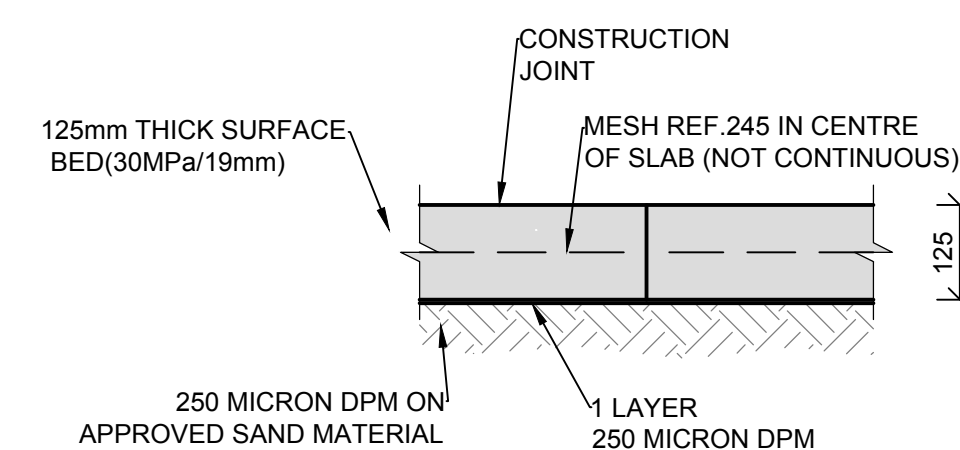
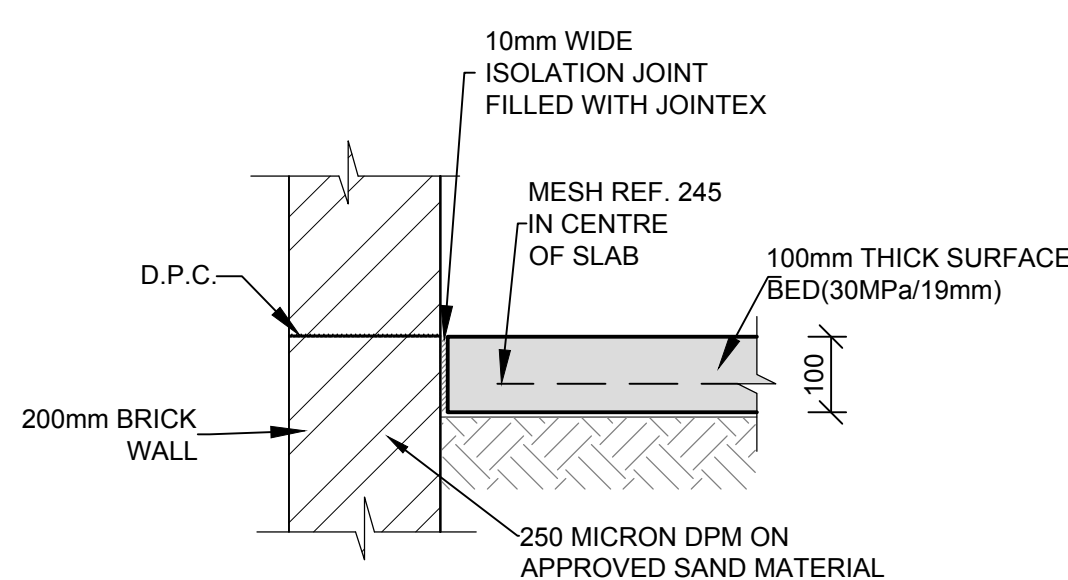
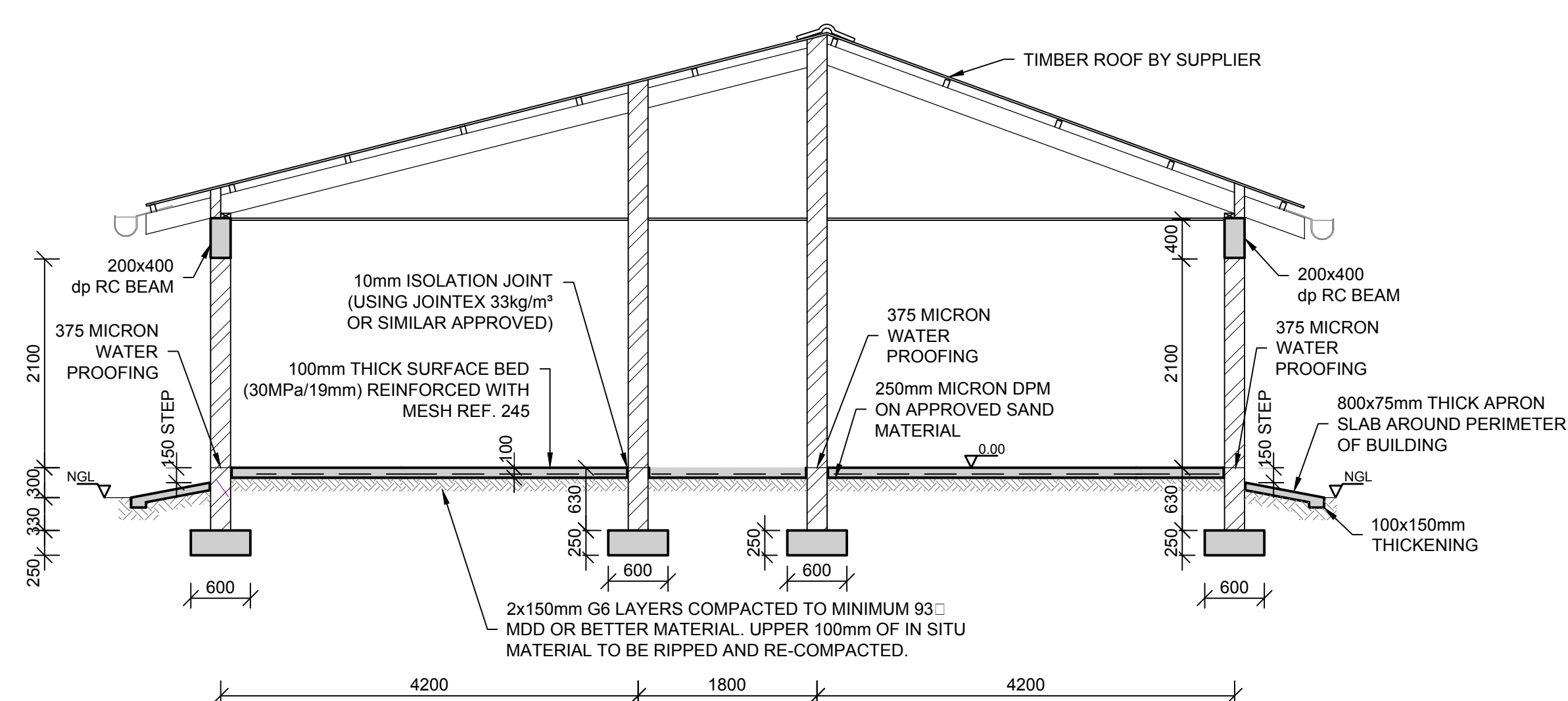
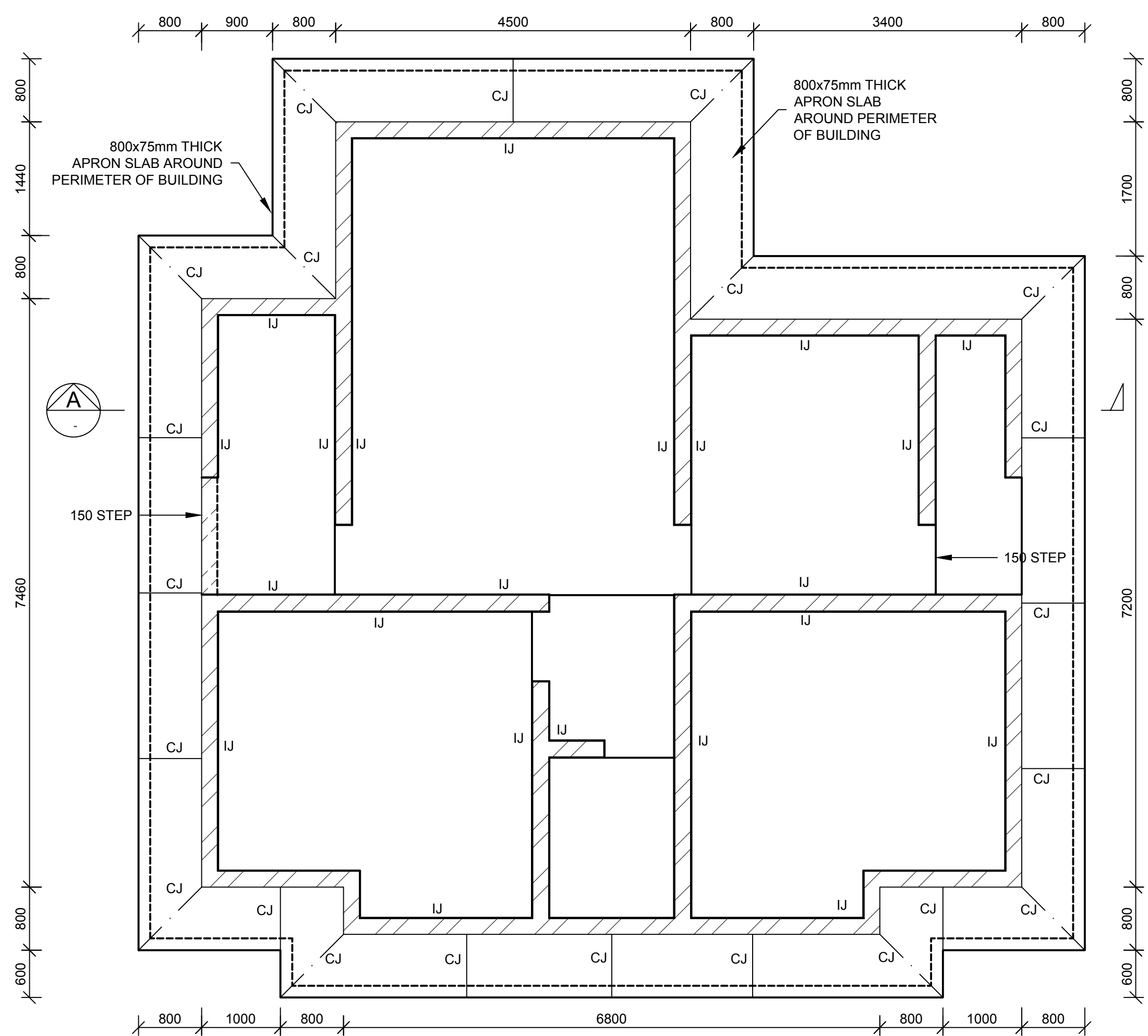
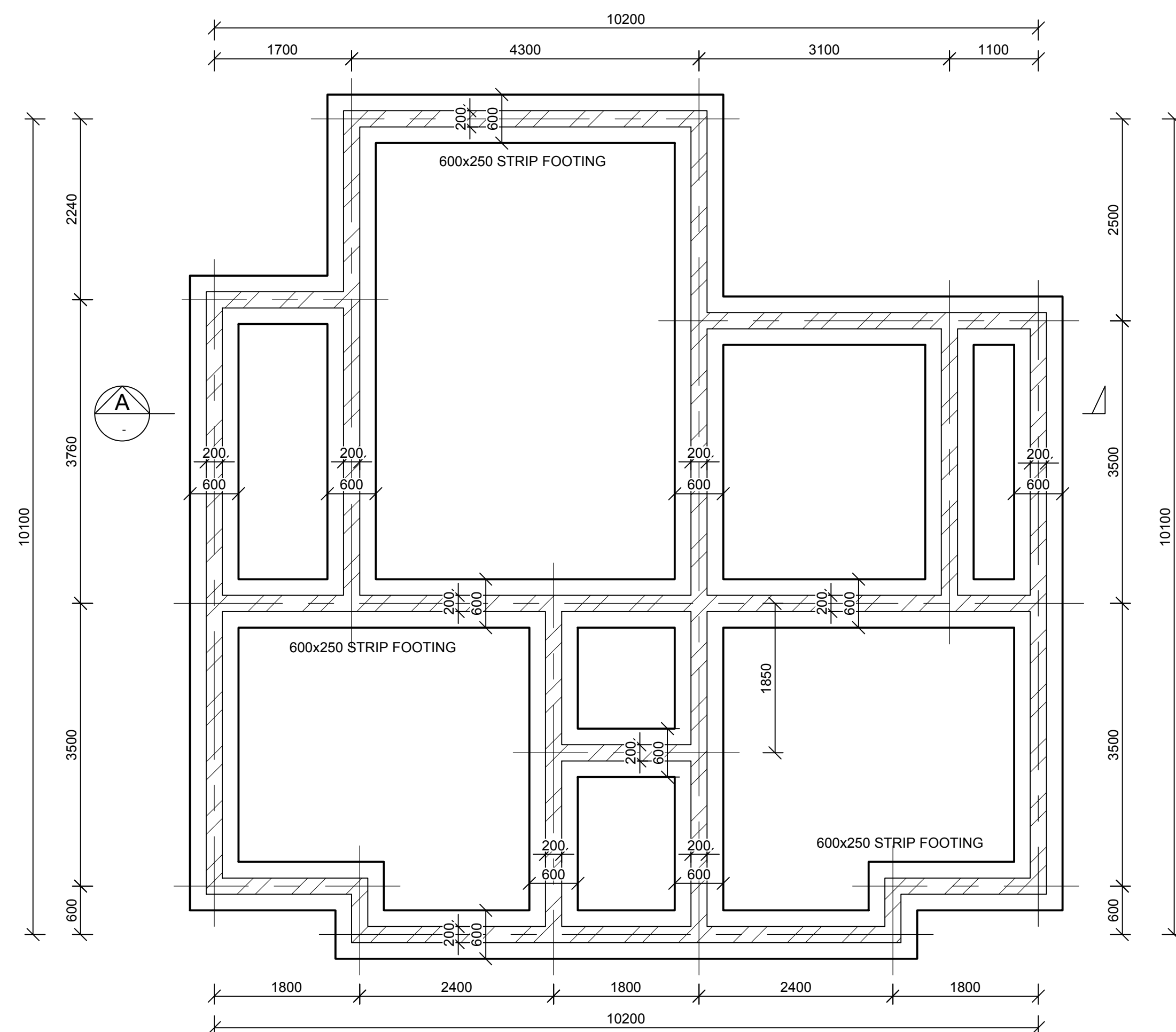


PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION

HEALTH CENTER:
CLINIC STAFF HOUSE
REINFORCEMENT
LAYOUT

SCALE AS SHOWN ORIGINAL DWG SIZE A1	DATE DEC 2015
DRAWING NUMBER C00290-00-ST-DAL-0045-001	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00015-01	



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI0000-WOR-B18-00001-01

REFER TO REINFORCEMENT DRAWING
EA-MZ-CI0100-WOR-E05-00015-01

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	NAME	SIGNATURE	DATE
DRAWN BY:	N ROBINSON	<i>N Robinson</i>	03/12/17
CHECKED:	T SNYDERS	<i>T Snyder</i>	03/12/17
DESIGNER:	T SNYDERS	<i>T Snyder</i>	03/12/17
PR ENG :	I ROBINSON	<i>I Robinson</i>	03/12/17
PROJECT ENG MANAGER:	L PADAYACHEE	<i>L Padayachee</i>	03/12/17
LOCAL PR ENG :			
CLIENT:			

CLIENT

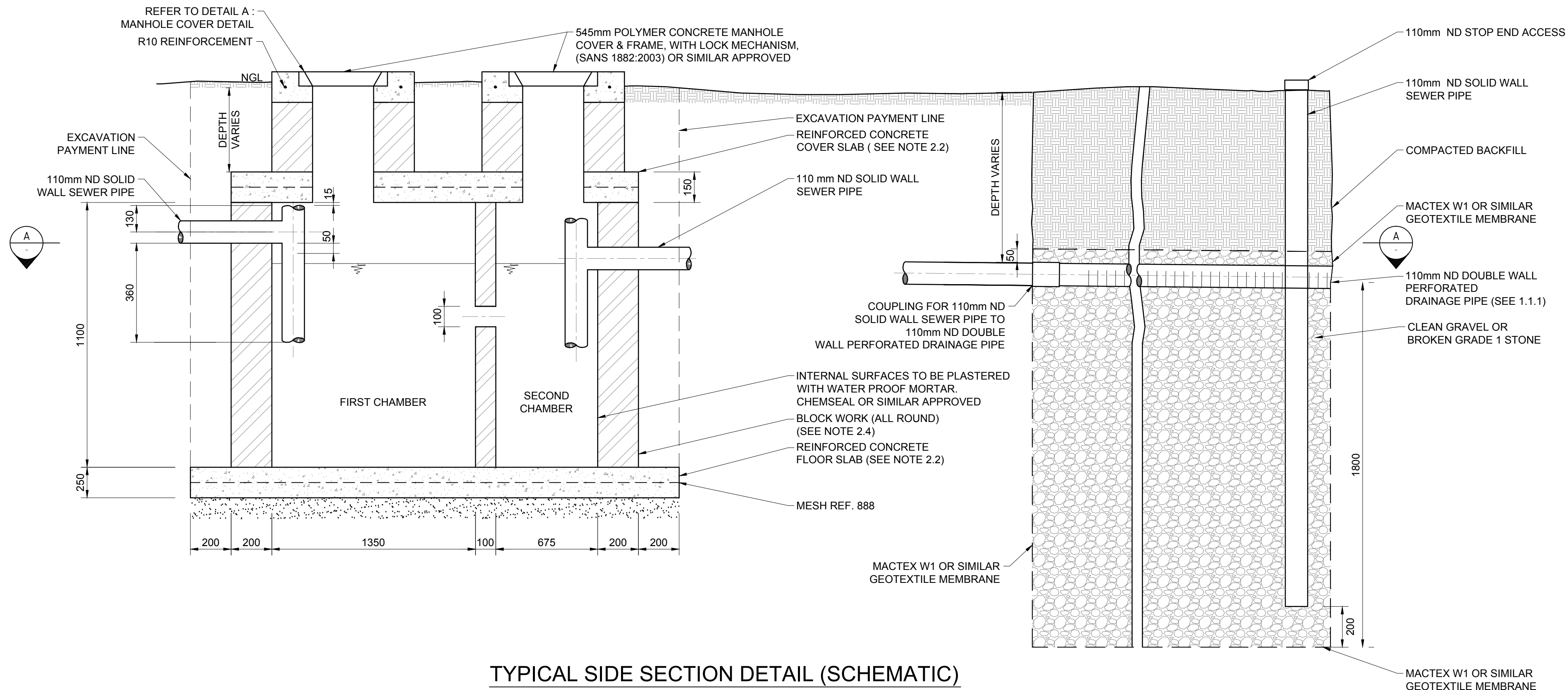


PROJECT
AMA 1
RESETTLEMENT
VILLAGE

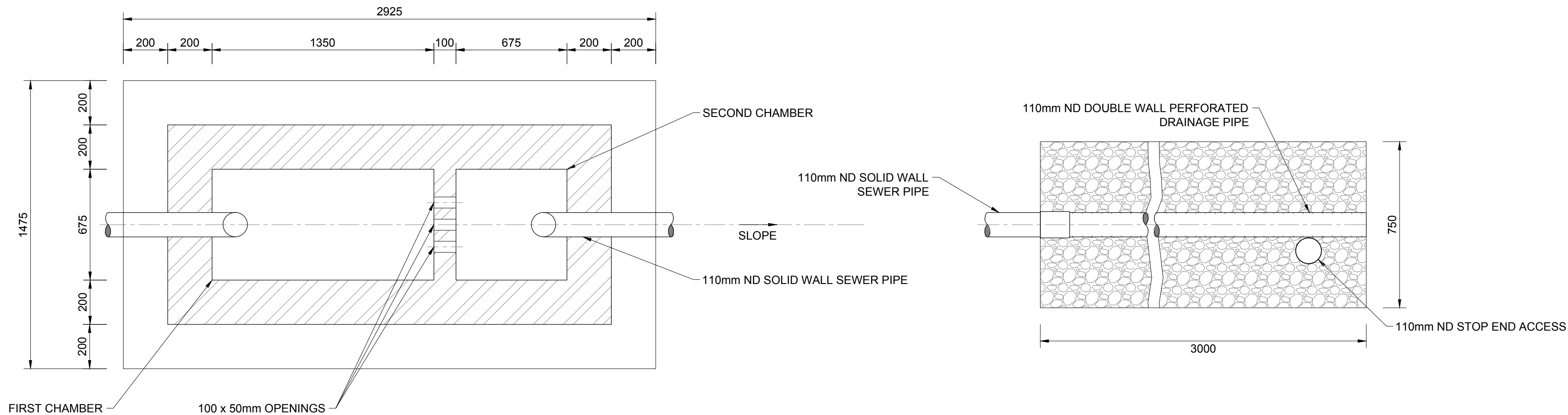
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HEALTH CENTER:
CLINIC
STAFF HOUSE

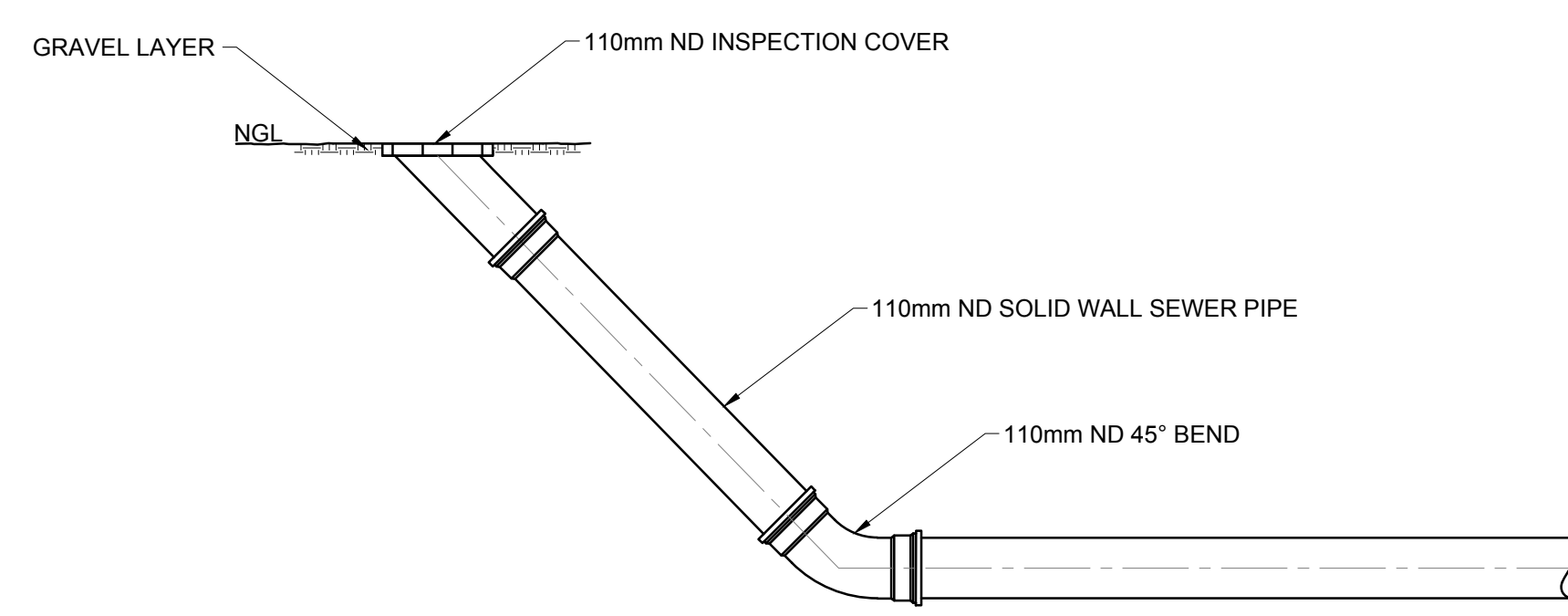
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ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E04-00012-01	



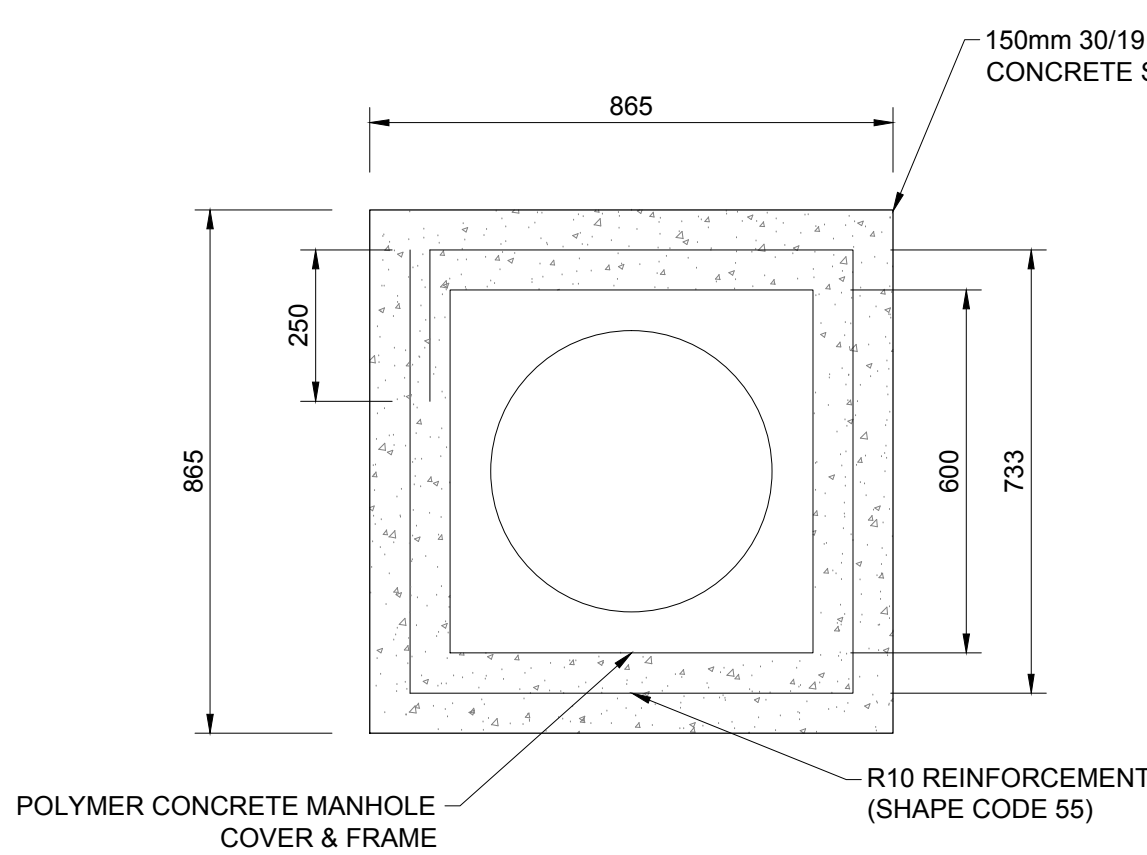
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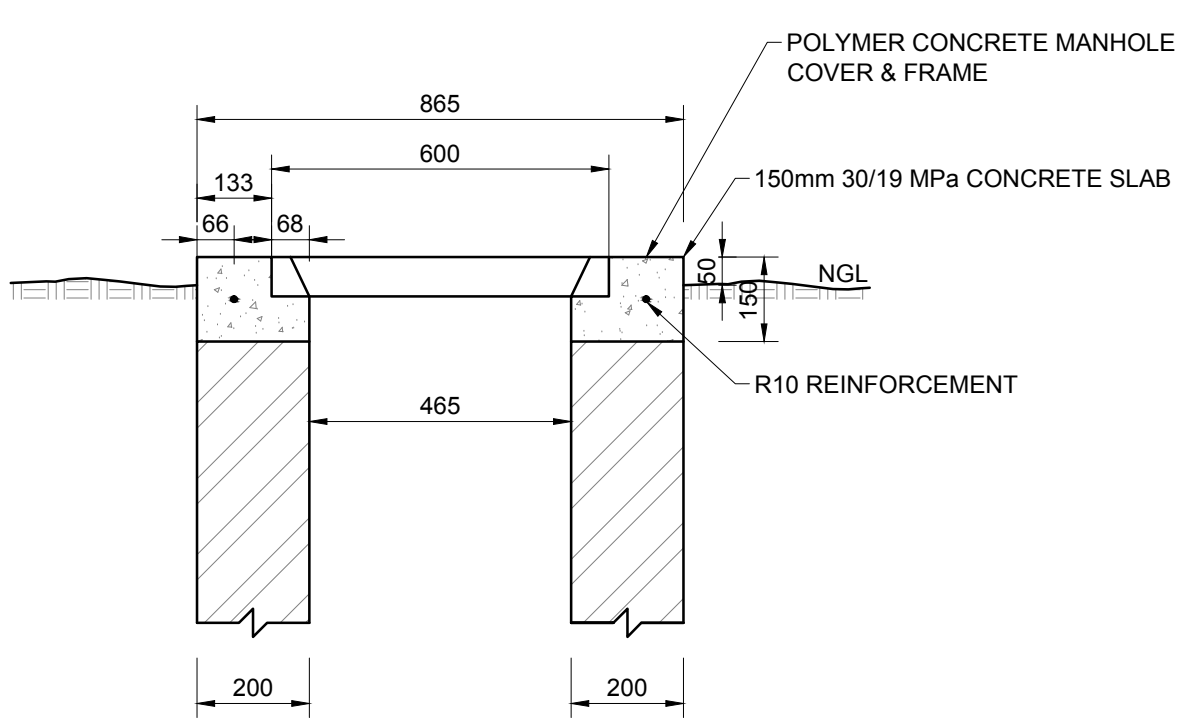
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N.T.S.



END LINE INSPECTION EYE DETAIL
N.T.S.

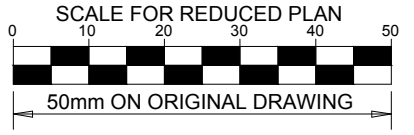


**DETAIL A:
DETAIL OF MANHOLE COVER**
N.T.S.



- 1. SOAK AWAYS**
 - 1.1 CONSTRUCTION OF SOAK AWAYS:**
 - 1.1.1 USE PERFORATED DRAINAGE PIPES, WITH THE SLOTS/HOLES AT THE BOTTOM, LAY IN TRENCHES OF A UNIFORM GRADIENT NOT STEEPER THAN 1:200. PERFORATED 'FLEXICOL' TYPE PIPE IS NOT ALLOWED.
 - 1.1.2 THE LENGTH OF A SINGLE TRENCH SHOULD NOT EXCEED 30m.
 - 1.1.3 PIPES SHOULD BE LAID ON CLEAN GRAVEL OR BROKEN GRADE 1 STONE (20mm - 50mm).
 - 1.1.4 SOAK AWAY TRENCHES SHOULD BE FILLED TO A LEVEL OF 50mm ABOVE THE PIPE AND COVERED WITH A LAYER OF GEOTEXTILE MEMBRANE TO PREVENT ENTRY OF FINES.
 - 1.1.5 THE REMAINDER OF THE SOAK AWAY TRENCH CAN BE FILLED WITH EXCAVATED MATERIAL.
 - 1.1.6 THE SOAK AWAY AND ASSOCIATED DRAINAGE MUST COMPLY WITH SANS 0252-2 AND SANS 10400-P:2010.
 - 1.1.7 THE AREA OF THE SOAK AWAY IS CALCULATED AFTER CARRYING OUT A MINIMUM OF THREE PERCOLATION TESTS IN THE PROPOSED DRAIN FIELD AREA, OVER THREE CONSECUTIVE DAYS AND APPLYING A FORMULA AS DETAILED IN SANS 10400-P: 2010.
 - 1.1.8 DRAINAGE TRENCHES SHOULD BE 750mm WIDE WITH AREAS OF UNDISTURBED GROUND OF MINIMUM 3.6m WIDE BETWEEN PARALLEL TRENCHES.
 - 1.1.9 A SOAK AWAY SHALL:
 - a) BE SO CONSTRUCTED AND LOCATED AS NOT TO CAUSE THE POLLUTION OF ANY SPRING, STREAM, WELL OR OTHER SOURCE OF WATER WHICH IS USED OR IS LIKELY TO BE USED, FOR DRINKING, DOMESTIC USE OR KITCHEN PURPOSES,
 - b) BE SO POSITIONED THAT THE FOUNDATIONS OF ADJACENT BUILDINGS ARE NOT ADVERSELY AFFECTED BY ITS DISCHARGE, AND
 - c) BE NOT LESS THAN 3m FROM ANY BUILDING OR BOUNDARY OF THE SITE ON WHICH IT IS SITUATED.
 - 1.1.10 THE SUSCEPTIBILITY OF A WATER SOURCE TO POLLUTION DECREASES SHARPLY AS ITS DISTANCE FROM A SOAK AWAY INCREASES, EXCEPT IN AREAS WITH FISSURED ROCK, LIMESTONE OR VERY COARSE SAND. SOAK AWAY DRAINS SHOULD, WHERE POSSIBLE, BE LOCATED DOWNHILL OF A WATER SOURCE SUCH AS A BOREHOLE OR SPRING. WHERE LOCATION DOWNHILL OF SUCH WATER SOURCE IS NOT POSSIBLE, SOAK AWAYS SHOULD BE LOCATED AT LEAST 50m FROM THE WATER SOURCE.
 - 1.1.11 SOAK AWAYS SHOULD PREFERABLY BE CONSTRUCTED ALONG THE CONTOUR OF THE SOIL SURFACE.
 - 1.1.12 LENGTH OF SOAK AWAY DETERMINED IN ACCORDANCE WITH SANS 10400-P:2010.
 - 1.1.13 NO SOAK AWAY SHALL BE CONSTRUCTED:
 - a) IN GROUND THAT HAS A PERCOLATION RATE THAT EXCEEDS 30 MINUTES (REFER TO SANS 10400-P:2010)
 - b) WHERE EFFLUENT MIGHT FLOW OUT DUE TO THE CONTOURS OF, OR THE STRATA FORMING, THE GROUND.
 - c) WHERE THE SITE TO BE AFFECTED BY SUCH EFFLUENT IS OF INSUFFICIENT SIZE TO ACCOMMODATE THE SOAKING AWAY OF THE EFFLUENT; OR
 - d) WHERE THE LEVEL OF THE WATER TABLE IS, OR MIGHT BE, SUCH AS TO PREVENT ADEQUATE PERCOLATION.
- 2. STRUCTURAL**
 - 2.1 ALL SEPTIC TANK EXCAVATION INVERTS TO BE COMPACTED TO 93% MOD AASHTO (MINIMUM).
 - 2.2 ALL FLOOR AND COVER SLABS TO BE REINFORCED WITH MESH REF. 888, PLACED IN CENTER OF SLAB.
 - 2.3 CONCRETE STRENGTH REQUIREMENT AT 28 DAYS: 30/19 MPa.
 - 2.4 ALL 200mm BLOCK WORK TO BE FILLED WITH CONCRETE (30 MPa/19mm).

REFERENCES	
ANADARKO DRAWING NO.	DRAWING DESCRIPTION
EA-MZ-CI0100-WOR-E05-00196-01	STAFF HOUSES: CLINIC: WATER AND SANITATION LAYOUT SHEET 1 of 2



NOTES

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C	30/09/15	LL	WVS	ISSUED FOR SQUAD CHECK
D	06/10/15	LL	WVS	ISSUED FOR CLIENT REVIEW
E	01/11/15	LL	WVS	ISSUED FOR CLIENT APPROVAL
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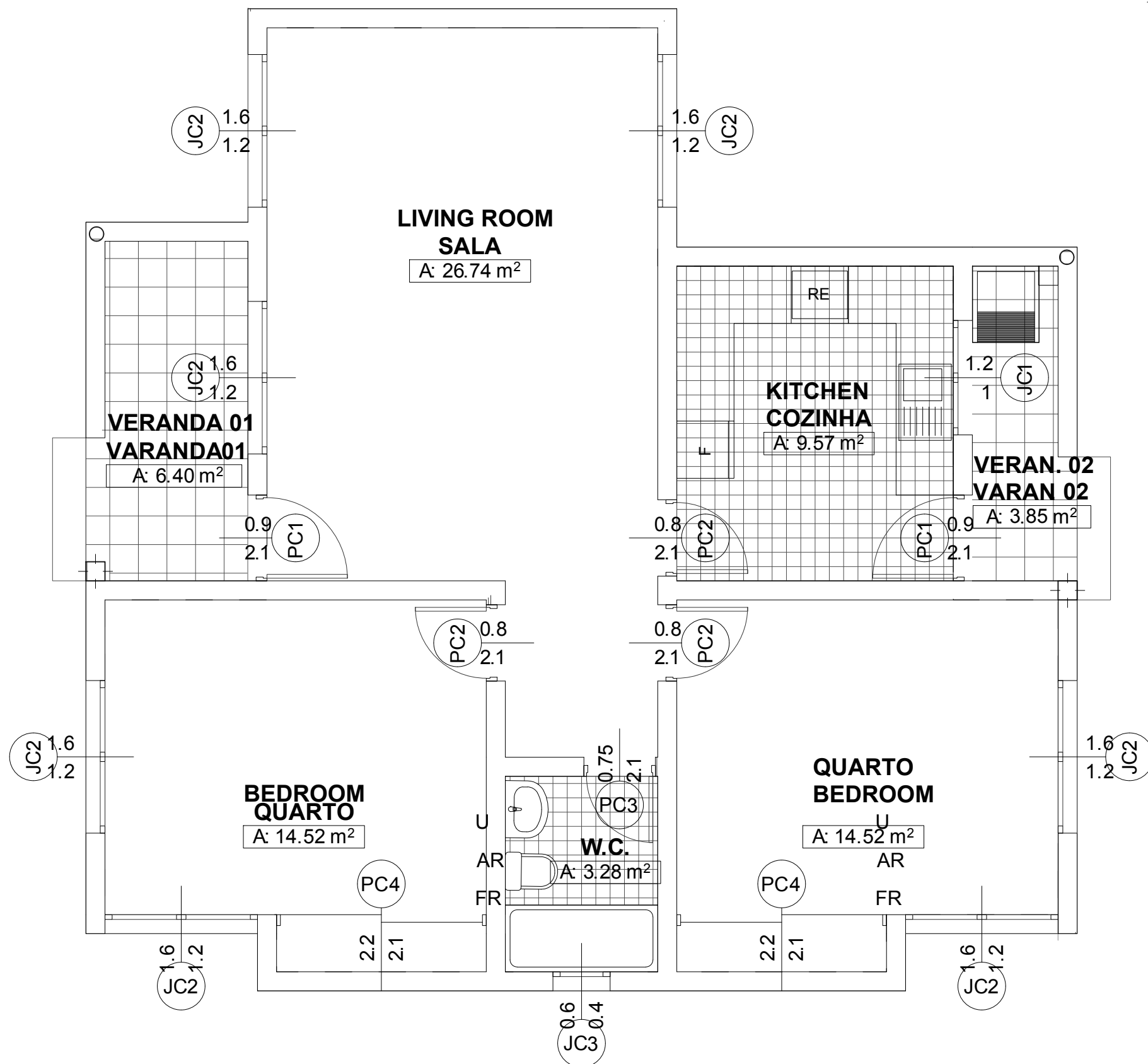
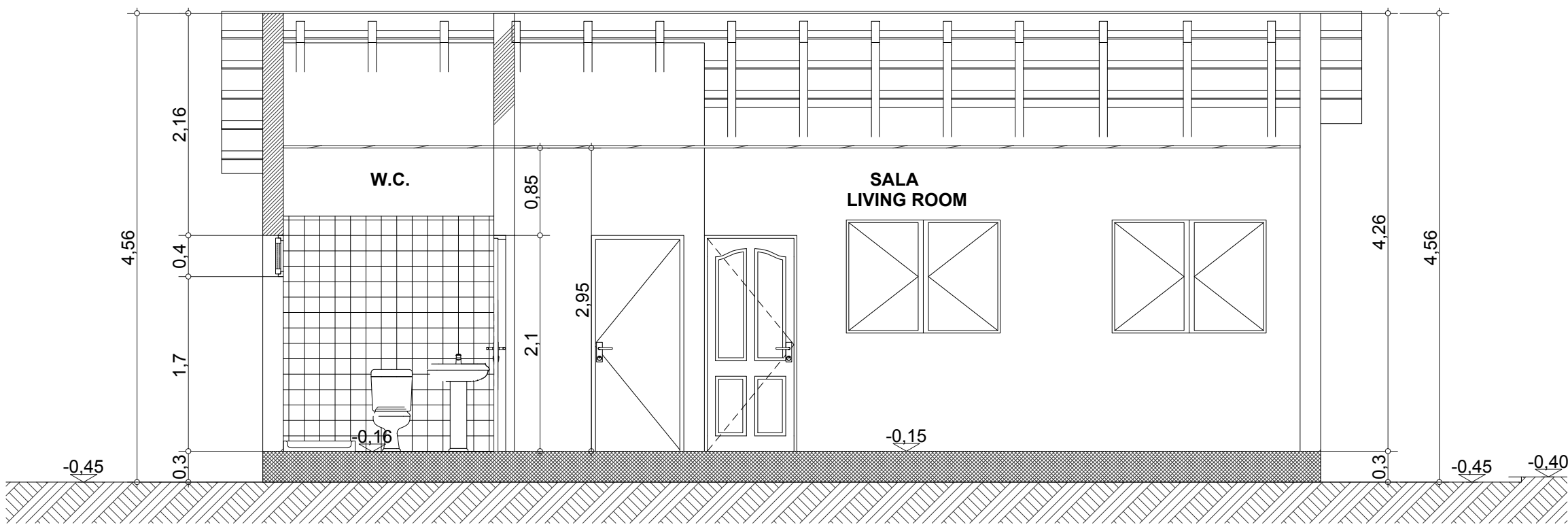
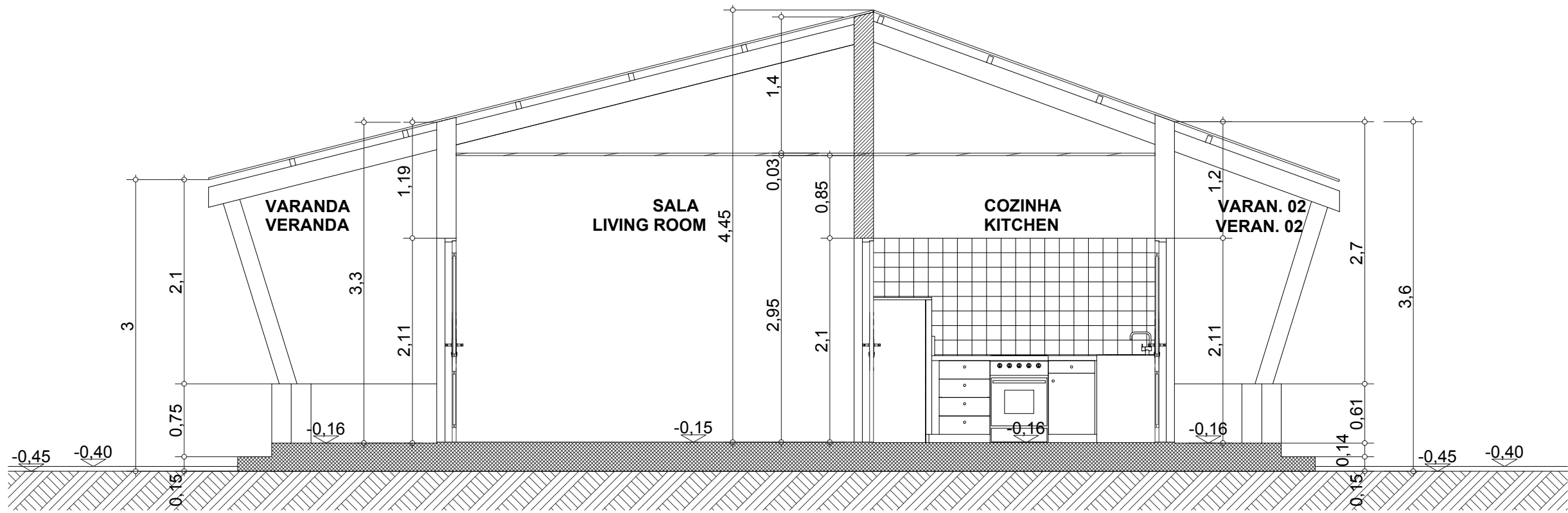
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DRAWN BY:	W v STADEN		03/12/2015
CHECKED:	LH LOUW		03/12/2015
DESIGNER:	B VAN SCHOOR		03/12/2015
PR ENG:	LH LOUW 20090253		03/12/2015
PROJECT ENG MANAGER	L PADAYACHEE		03/12/2015
LOCAL PR ENG:			
CLIENT:			



PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**STAFF HOUSES:
CLINIC:
DETAILS OF SEPTIC
TANK INSTALLATION**
SHEET 2 OF 2

SCALE AS SHOWN	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-WW-DRD-0034-002	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00196-02	



STAFF HOUSE
DOOR & WINDOW SCHEDULE

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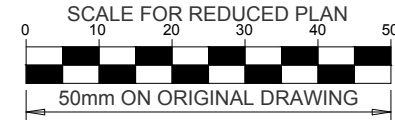
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WATER
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ELECTRICAL
EA-MZ-CI0100-WOR-E02-00104-01



NOTES

THE FOLLOWING PROCESS MUST BE FOLLOWED WHEN
CONSTRUCTING THE FOUNDATIONS, AS PER THE GEOTECHNICAL
REPORT (SEE GENERAL NOTES DRAWING FOR MORE
INFORMATION):

- EXCAVATE DOWN TO A MINIMUM DEPTH OF 1.25m.
- COMPACT THE BASE OF THE EXCAVATION TO 95% MDD
(MAXIMUM DRY DENSITY) USING HEAVY PLATE TYPE
COMPACTORS. ALL SOFT CLAY RICH MATERIALS ENCOUNTERED
AT THE BASE OF THE EXCAVATION ARE TO BE REMOVED AND
REPLACED WITH COHESIONLESS MATERIAL, ORIGINALLY
EXCAVATED OUT, LESS THE CLAY RICH COMPONENT, AND
COMPACTED TO 95% MDD.
- BACKFILL EXCAVATION WITH A MINIMUM OF 600mm OF THE
MATERIAL, ORIGINALLY EXCAVATED, LESS THE CLAY RICH
COMPONENT. THIS MATERIAL SHOULD BE PLACED IN LAYERS NOT
EXCEEDING 150mm LOOSE THICKNESS AND COMPACTED TO 95%
MDD TO FORM A BEARING PAD TO CONSTRUCT THE CONCRETE
FOUNDATIONS ON.
- THE BEARING PAD SHOULD EXTEND TO AT LEAST 50% OF THE
WIDTH OF THE CONCRETE FOUNDATION ON EITHER SIDE.
- CONCRETE FOUNDATIONS MAY THEN BE CONSTRUCTED ON
THE BACKFILL.

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B	05/11/15	MM	CP	ISSUED FOR DETAIL DESIGN
C	05/11/15	MM	CP	ISSUED FOR SQUAD CHECK
D	05/11/15	MM	CP	ISSUED FOR CLIENT REVIEW
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NAME	SIGNATURE	DATE
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DESIGNER: ARCUS /MIN.HEALTH		
PR ENG: L PADAYACHEE		
PROJECT ENG MANAGER		
LOCAL PR ENG:		
CLIENT:		

CLIENT

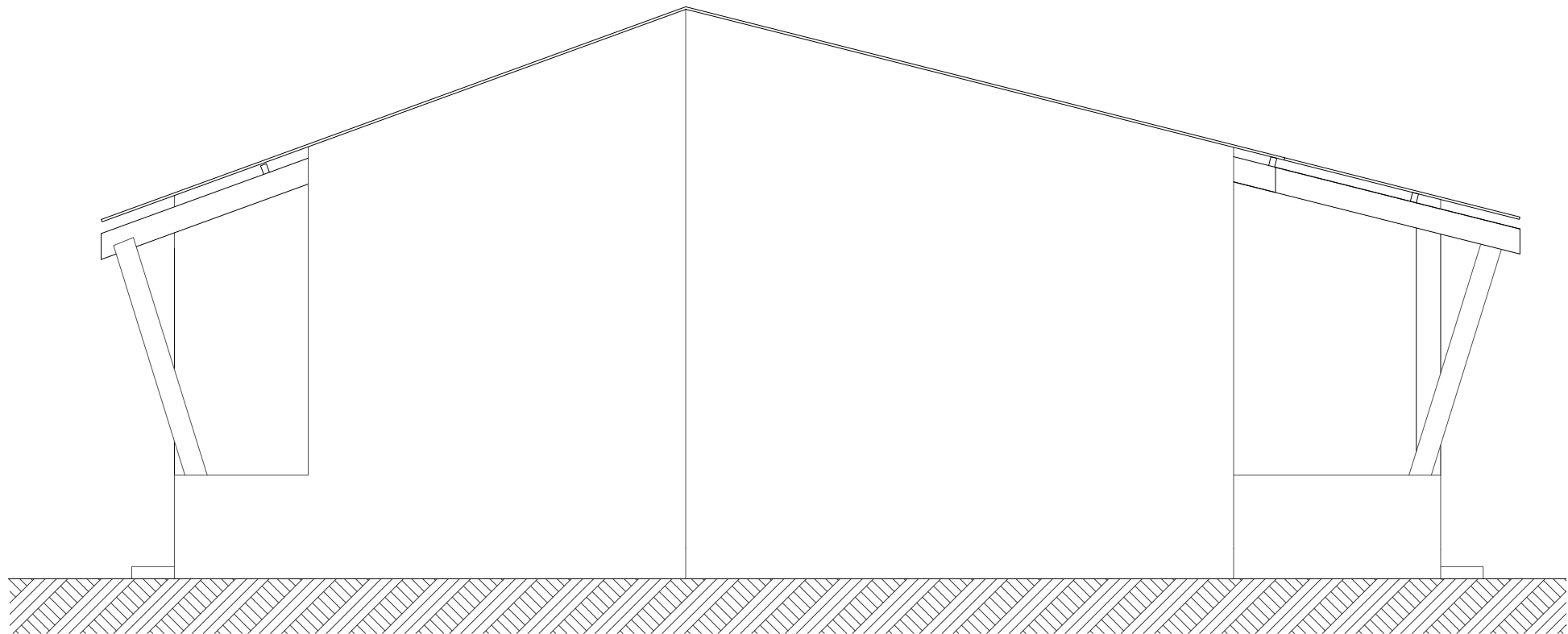


PROJECT AMA 1 RESETTLEMENT VILLAGE

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SECTIONS, DOOR&WINDOW
SCHEDULE

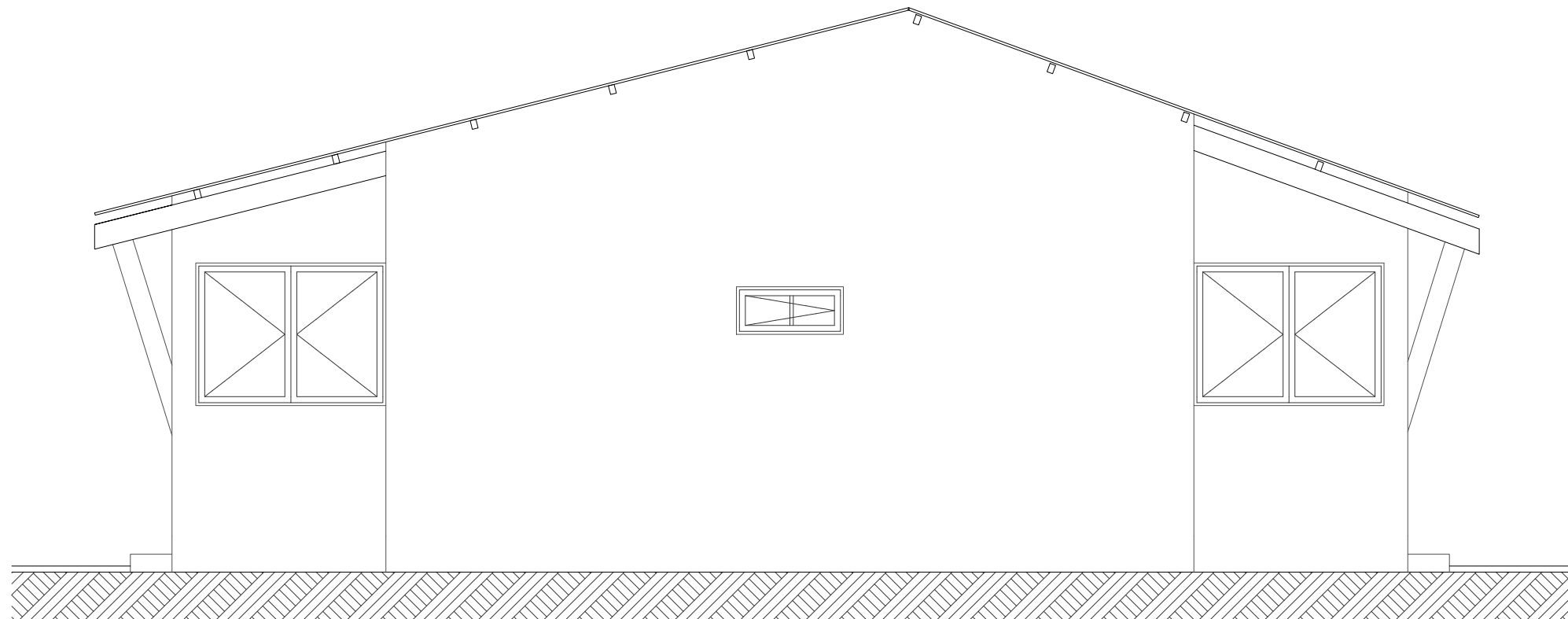
CENTRO DE SAUDE - CASA FUNC.
CORTES E MAPA DE VÃOS

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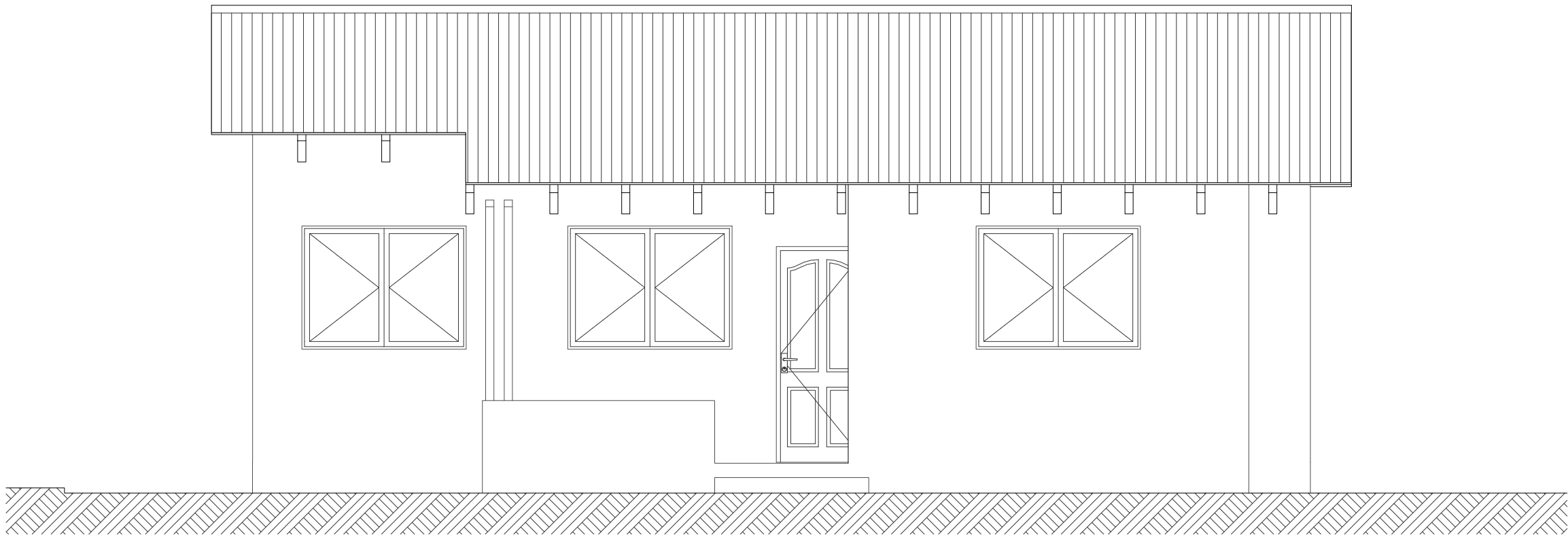
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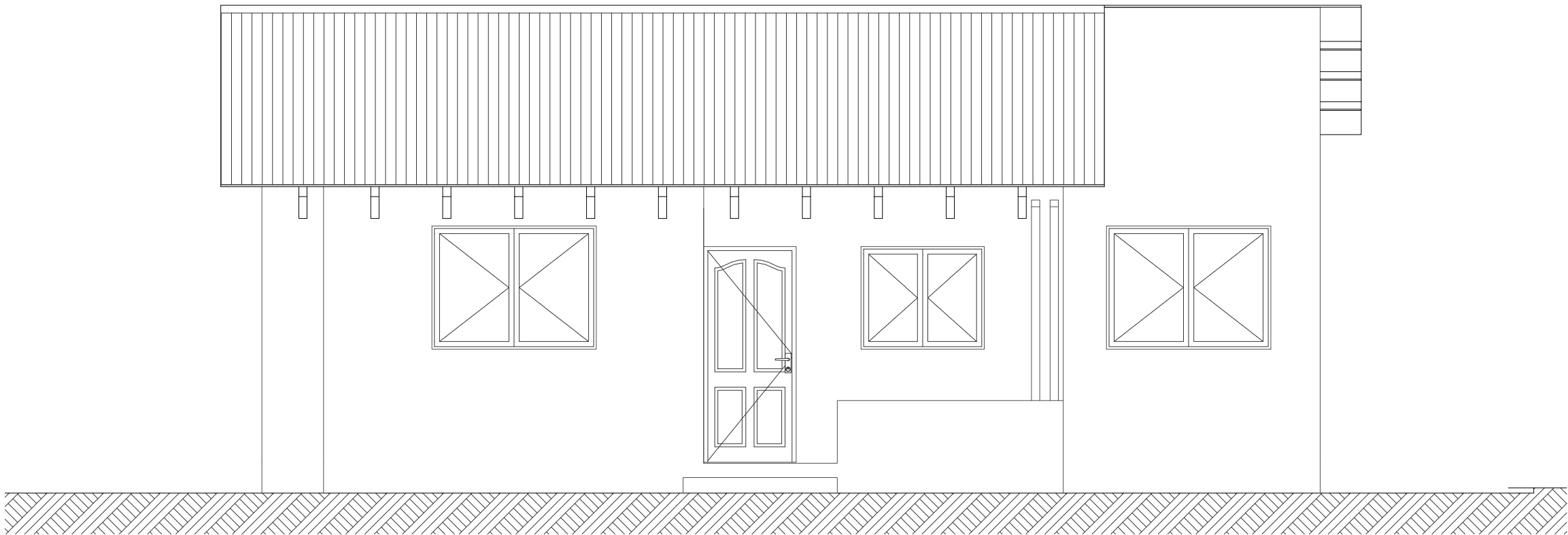
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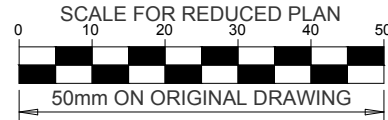
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EA-MZ-CI0100-WOR-E05-00196-02

ELECTRICAL
EA-MZ-CI0100-WOR-E02-00104-01



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CHECKED : MESCH		
DESIGNER : ARCUS /MIN.HEALTH		
PR ENG :		
PROJECT ENG MANAGER L PADAYACHEE		
LOCAL PR ENG :		
CLIENT:		

CLIENT






PROJECT AMA 1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

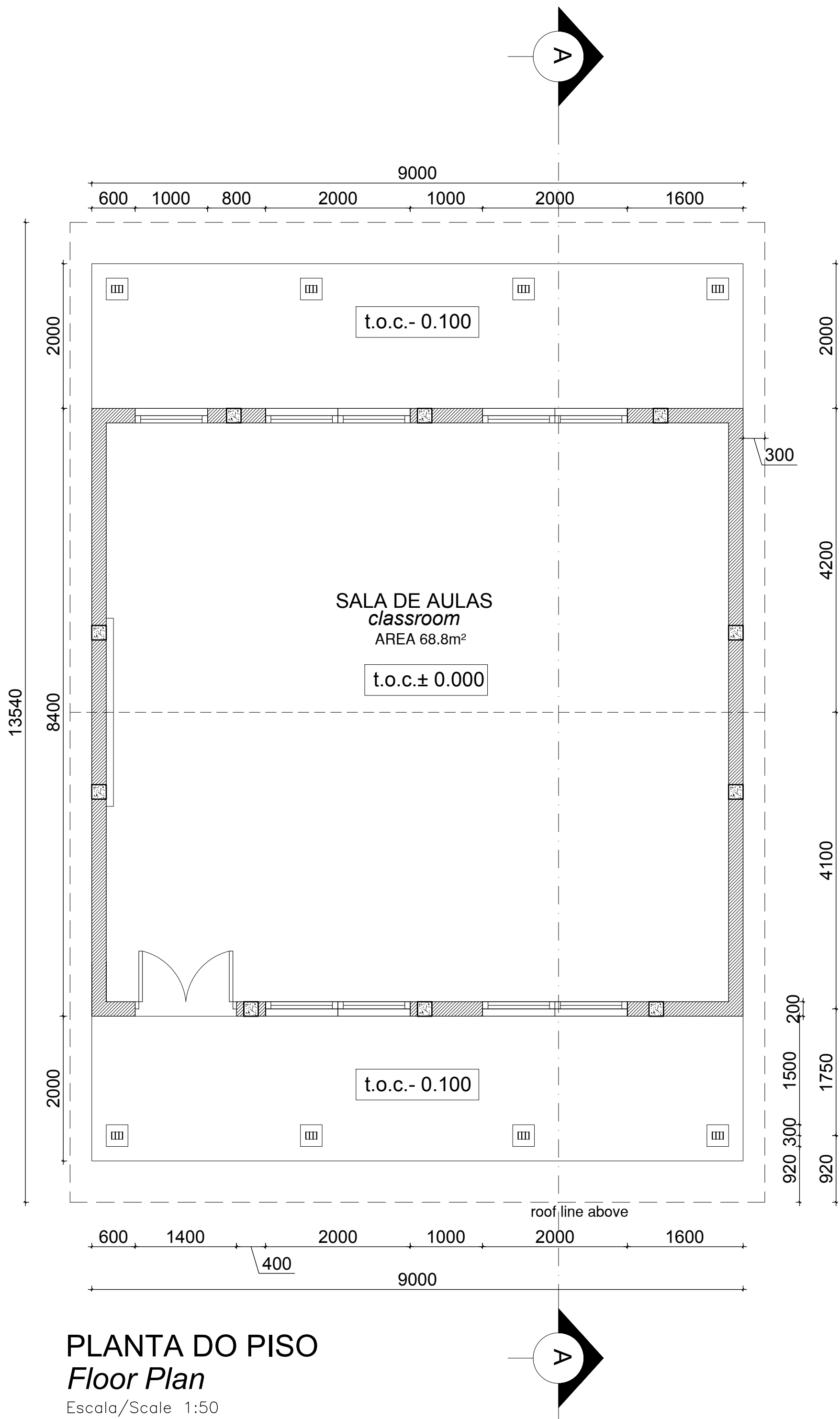
HEALTH CLINIC - STAFF HOUSE
ELEVATIONS

CENTRO DE SAUDE - CASA FUNC.
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SCALE AS SHOWN ORIGINAL DWG SIZE A1	DATE NOVEMBER 2015
DRAWING NUMBER C00290-00-AR-DLP-0020-001	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00137-01	

	<i>Mozambique Gas Development</i>		 Moçambique Área 1, Lda 
	Resettlement Plan		
	Annex I: Construction drawings		
	Rev. 1	Rev Date: 27-May-16	

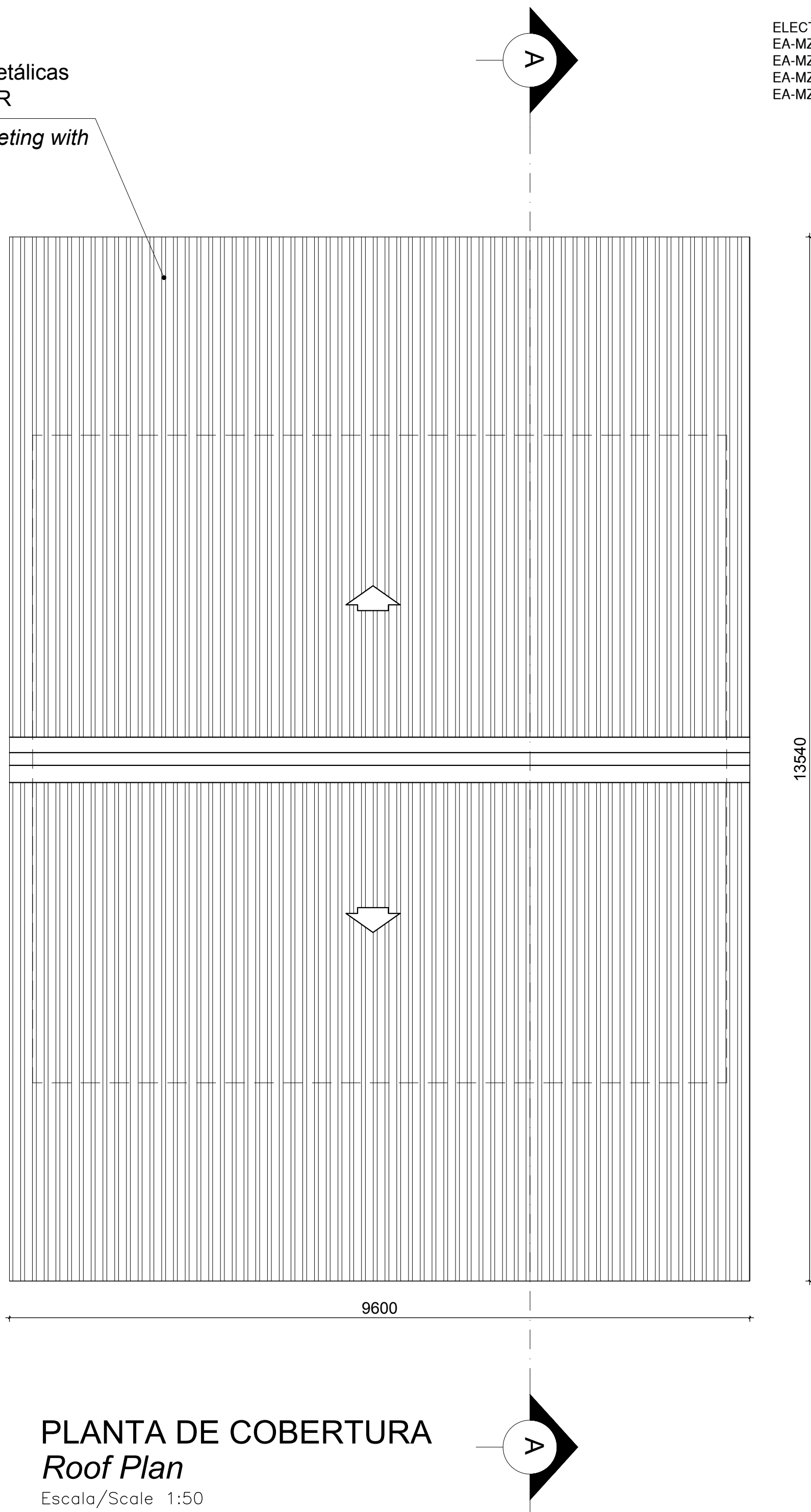
7. COMMUNITY CENTRE



PLANTA DO PISO
Floor Plan
Escala/Scale 1:50

Cobertura em Chapas metálicas
esmaltadas com perfil IBR

Metal roof enameled sheeting with
IBR profile



PLANTA DE COBERTURA
Roof Plan
Escala/Scale 1:50

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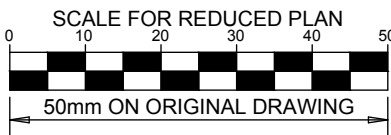
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EA-MZ-CI0100-WOR-E05-00198-01
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STRUCTURAL
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EA-MZ-CI0100-WOR-E05-00518-01
EA-MZ-CI0000-WOR-E05-00052-01

WATER
EA-MZ-CI0100-WOR-E05-00595-01
EA-MZ-CI0100-WOR-E05-00595-02
EA-MZ-CI0100-WOR-E05-00595-03

ELECTRICAL
EA-MZ-CI0100-WOR-E02-00532-01
EA-MZ-CI0100-WOR-E02-00531-01
EA-MZ-CI0100-WOR-E02-00530-01
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EA-MZ-CI0100-WOR-E04-00505-01
EA-MZ-CI0100-WOR-E04-00600-02
EA-MZ-CI0100-WOR-E05-00028-01 (DETAIL A)
EA-MZ-CI0100-WOR-E05-00029-01 (DETAIL B)
EA-MZ-CI0100-WOR-E04-00606-01
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STRUCTURAL
EA-MZ-CI0100-WOR-E05-00616-01
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WATER
EA-MZ-CI0100-WOR-E05-01295-01

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EA-MZ-CI0100-WOR-E02-00630-01
EA-MZ-CI0100-WOR-E02-00640-01

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C	12/08/15	MM	AP	ISSUED FOR SQUAD CHECK
D	01/10/15	MM	AP	ISSUED FOR CLIENT REVIEW
E	16/11/15	MM	AP	ISSUED CLIENT APPROVAL
O	25/11/15	MM	AP	ISSUED FOR CONSTRUCTION

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	NAME	SIGNATURE	DATE
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PROJECT ENG MANAGER	L PADAYACHEE		
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CLIENT

MOZAMBIQUE
GAS DEVELOPMENT
PROJECT

Anadarko
Moçambique Área 1, Lda

PROJECT AMA 1 RESETTLEMENT VILLAGE

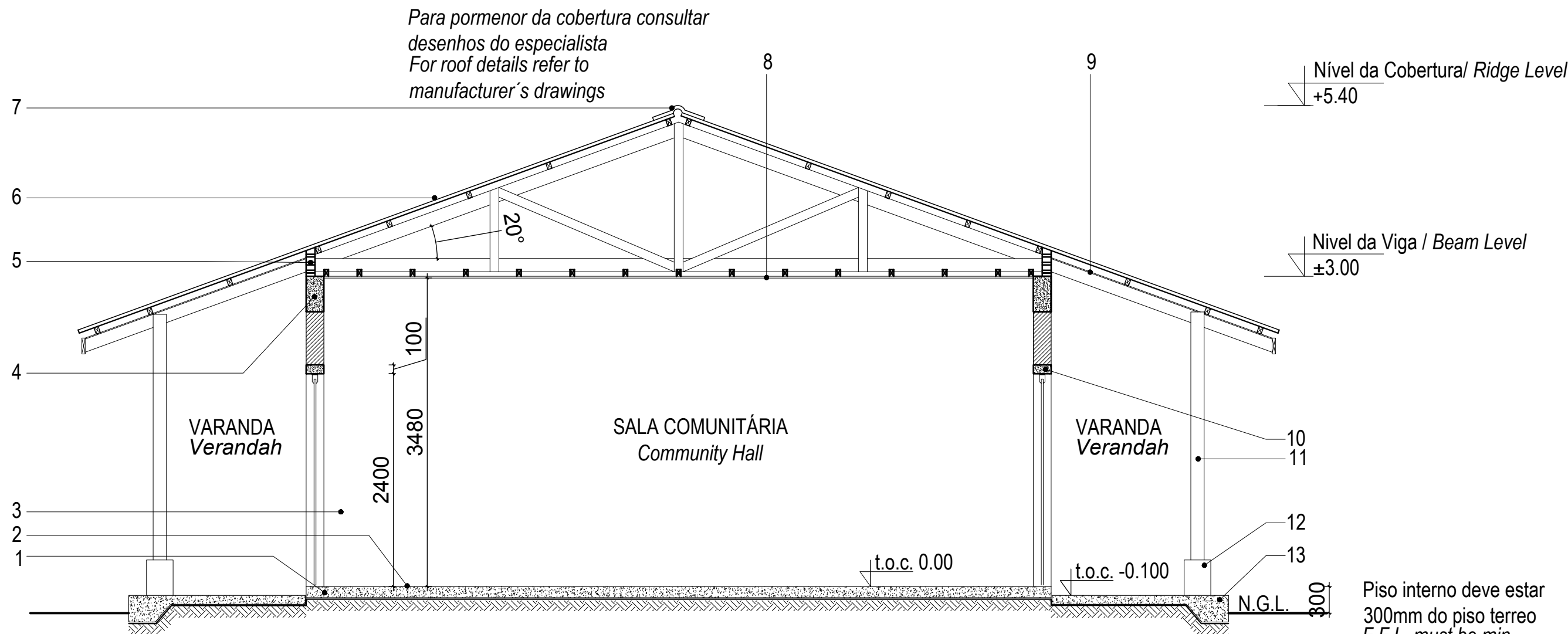
DRAWING DESCRIPTION
CENTRO COMUNITÁRIO -
LAYOUT DA SALA DE AULAS FOLHA
1 DE 3

COMMUNITY CENTRE -
CLASSROOM LAYOUT SHEET 1 OF 3

SCALE	DATE
AS SHOWN ORIGINAL DWG SIZE A1	NOVEMBER 2015

DRAWING NUMBER	REV NO
C00290-00-AR-DLP-0141-001	0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E04-01113-01



Corte A-A Section A-A

Escala/Scale 1:50

Piso interno deve estar
300mm do piso terreo
F.F.L. must be min.
300mm above n.g.l.

Legenda Key

1_Laje de pavimento em betão

Concrete slab

2_Acabamento do pavimento em cimento queimado

Concrete floor to have power float finish

3_Parede com reboco liso, pintada a tinta plástica

Wall with plain plaster and PVA painted

4_Viga de coroamento em betão armado

Concrete ring beam

5_Blocos ventiladores com rede mosquiteira sintectica

Vent blocks with mosquito net

6_Cobertura em chapas metálicas esmaltadas com perfil IBR

com isolamento Sisolation 405

Enameled metalic roof sheeting with IBR profile on graded SA pine battens

with sisalation 405 roof underlay fixed to prefabricated roof trusses

7_Cumeeira em chapa esmaltada

Enameled sheet ridge cap

8_Tecto falso em placas de gesso cartonado pintado a tinta plástica

sob estrutura de madeira

Ceiling in Gypsum board PVA painted under wooden structure

9_Tecto falso NUTEC em fibra de cimento

Fiber cement NUTEC soffit board

10_Lintel em betão armado

Concrete lintel

11_Pilar em madeira tratada

Treated timber column

12_Base do pilar em betão, pitado a tinta plástica

Concrete column base, painted with washable PVA paint

13_Laje de pavimento da varanda

Concrete verandah slab

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EA-MZ-CI0100-WOR-E05-00045-01

STRUCTURAL
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EA-MZ-CI0100-WOR-E05-00006-01
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EA-MZ-CI0000-WOR-E05-00052-01

WATER
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EA-MZ-CI0100-WOR-E05-00595-02
EA-MZ-CI0100-WOR-E05-00595-03

ELECTRICAL
EA-MZ-CI0100-WOR-E02-00532-01
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DRAWN BY:	AP		
CHECKED :	MM		
DESIGNER :	AP		
PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:			

CLIENT



PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

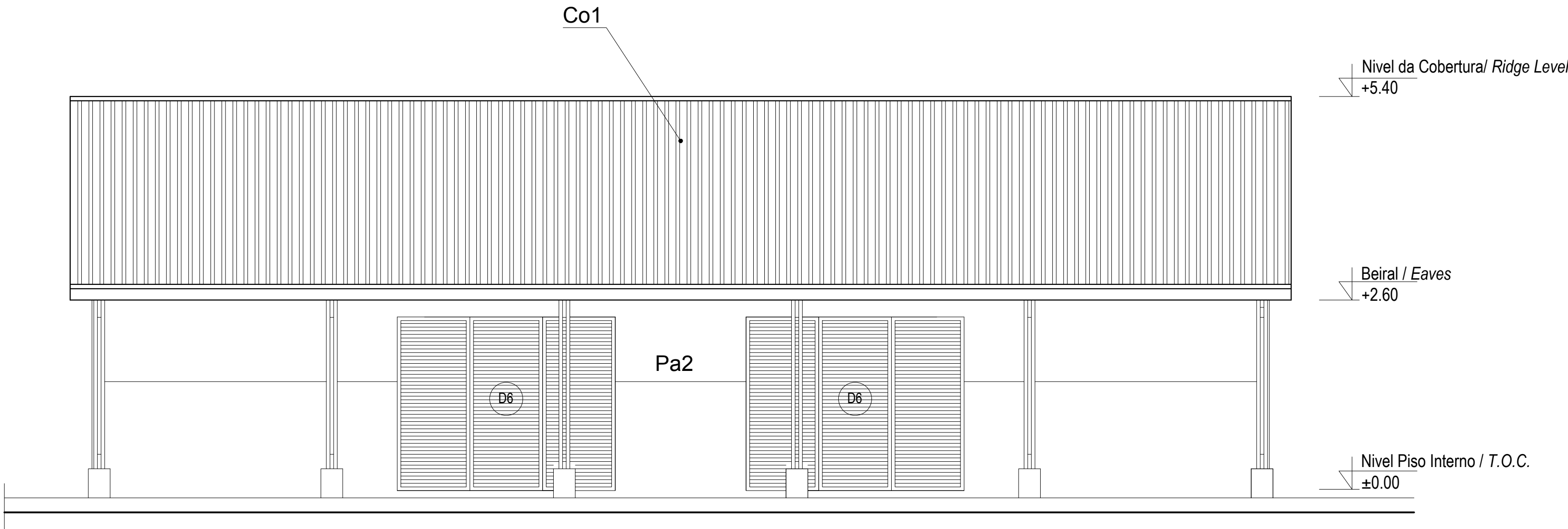
DRAWING DESCRIPTION
CENTRO COMUNITÁRIO - LAYOUT
DA SALA COMUNITÁRIA FOLHA 3 DE
3

COMMUNITY CENTRE - MAIN HALL
LAYOUT SHEET 3 OF 3

SCALE AS SHOWN ORIGINAL DWG SIZE A2	DATE NOV 2015
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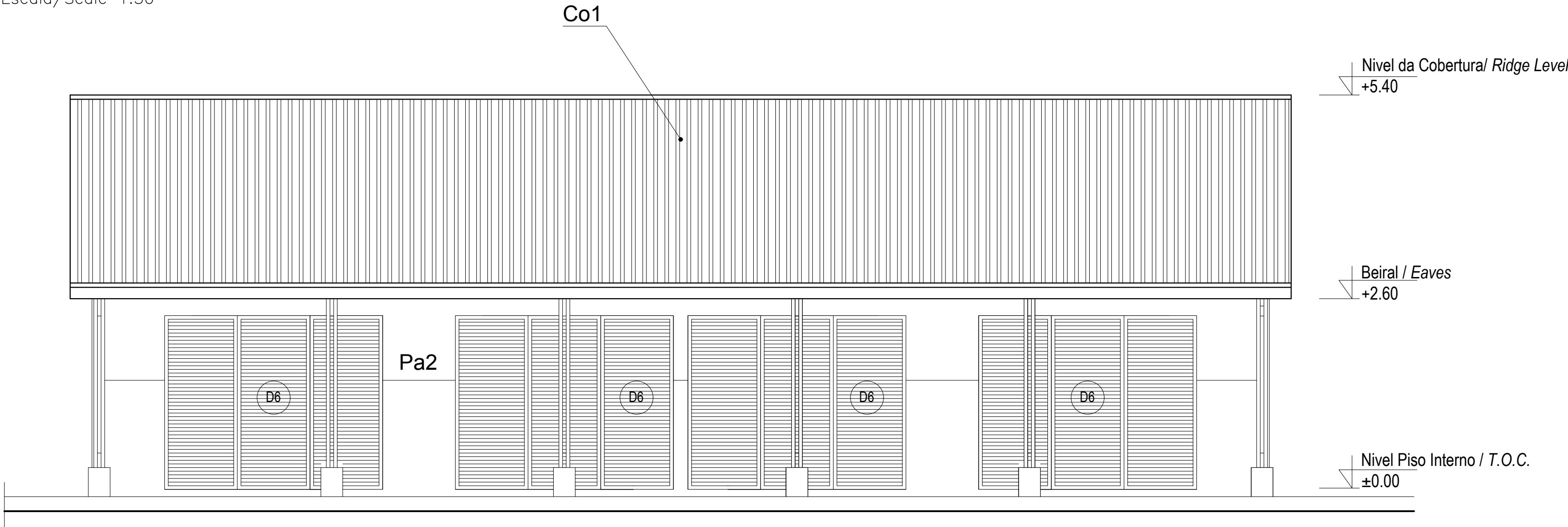
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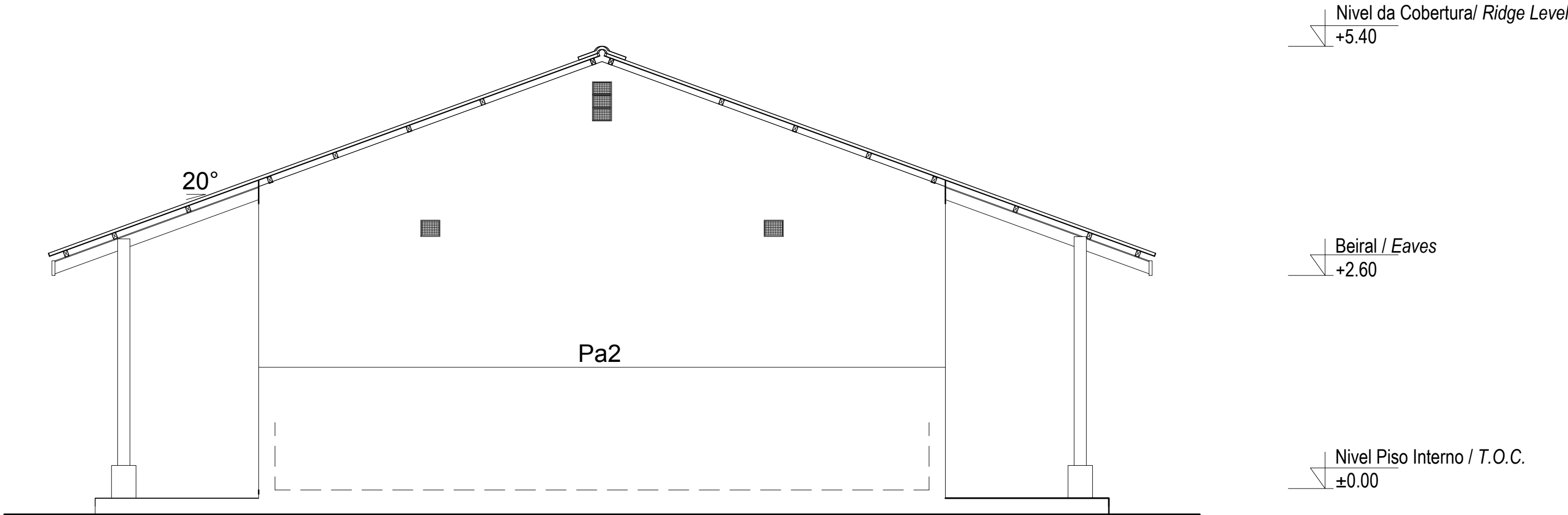
ALÇADO FRONTAL
Front Elevation

Escala/Scale 1:50



ALÇADO POSTERIOR
Back Elevation

Escala/Scale 1:50



ALÇADO LATERAL
Side Elevation

Escala/Scale 1:50

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EA-MZ-CI0100-WOR-E04-00605-01
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STRUCTURAL
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WATER
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EA-MZ-CI0100-WOR-E05-00595-02
EA-MZ-CI0100-WOR-E05-00595-03

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EA-MZ-CI0100-WOR-E02-00532-01
EA-MZ-CI0100-WOR-E02-00531-01
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C	12/08/15	MM	AP	ISSUED FOR SQUAD CHECK
D	31/10/15	MM	AP	ISSUED FOR CLIENT REVIEW
E	16/11/15	MM	AP	ISSUED CLIENT APPROVAL
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DESIGNER:	AP		
PR ENG :			
PROJECT ENG: MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:			

CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
CENTRO COMUNITÁRIO - LAYOUT
DA SALA COMUNITÁRIA FOLHA 2
DE 3

COMMUNITY CENTRE - MAIN
HALL LAYOUT SHEET 2 OF 3

SCALE	DATE
AS SHOWN ORIGINAL DWG SIZE A1	NOVEMBER 2015

DRAWING NUMBER	REV NO
C00290-00-AR-DLP-0140-002	0

ANADARKO DRAWING NUMBER

EA-MZ-CI0100-WOR-E04-01112-02

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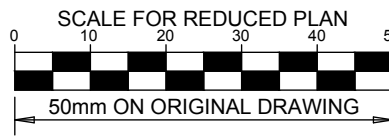
THIS DRAWINGS IS TO BE READ IN CONJUNCTION WITH:

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EA-MZ-CI0100-WOR-E05-00198-01
EA-MZ-CI0100-WOR-E05-00046-01
EA-MZ-CI0100-WOR-E05-00045-01

STRUCTURAL
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EA-MZ-CI0100-WOR-E05-00007-01
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WATER
EA-MZ-CI0100-WOR-E05-00595-01
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EA-MZ-CI0100-WOR-E05-00595-03

ELECTRICAL
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EA-MZ-CI0100-WOR-E02-00531-01
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CHECKED :	MM		
DESIGNER:	AP		
PR ENG :			
PROJECT ENG: MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:			

CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
CENTRO COMUNITÁRIO - LAYOUT
DA SALA COMUNITÁRIA FOLHA 1
DE 3

COMMUNITY CENTRE - MAIN
HALL LAYOUT SHEET 1 OF 3

SCALE
AS SHOWN
ORIGINAL DWG SIZE A1

DATE
NOVEMBER 2015

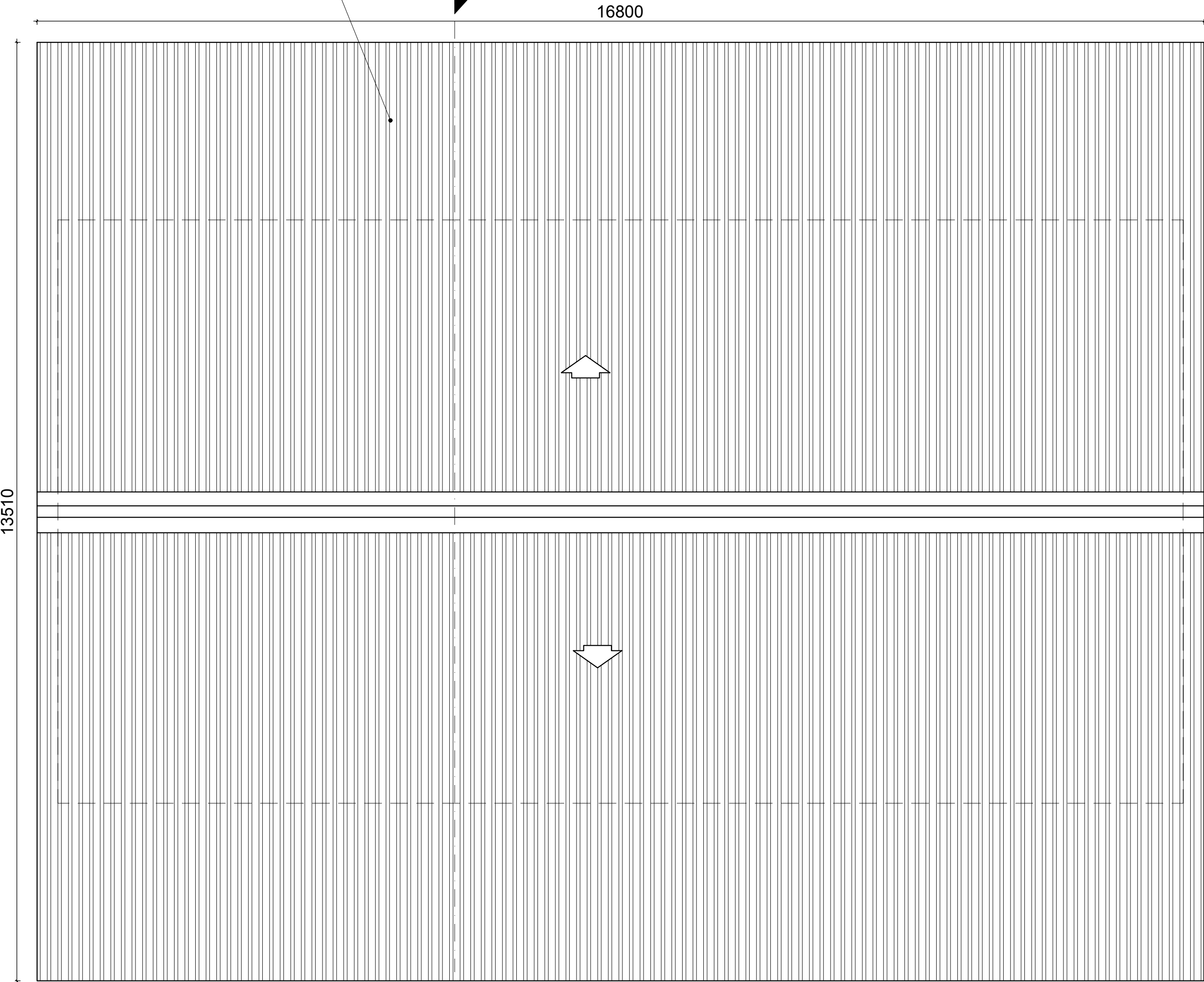
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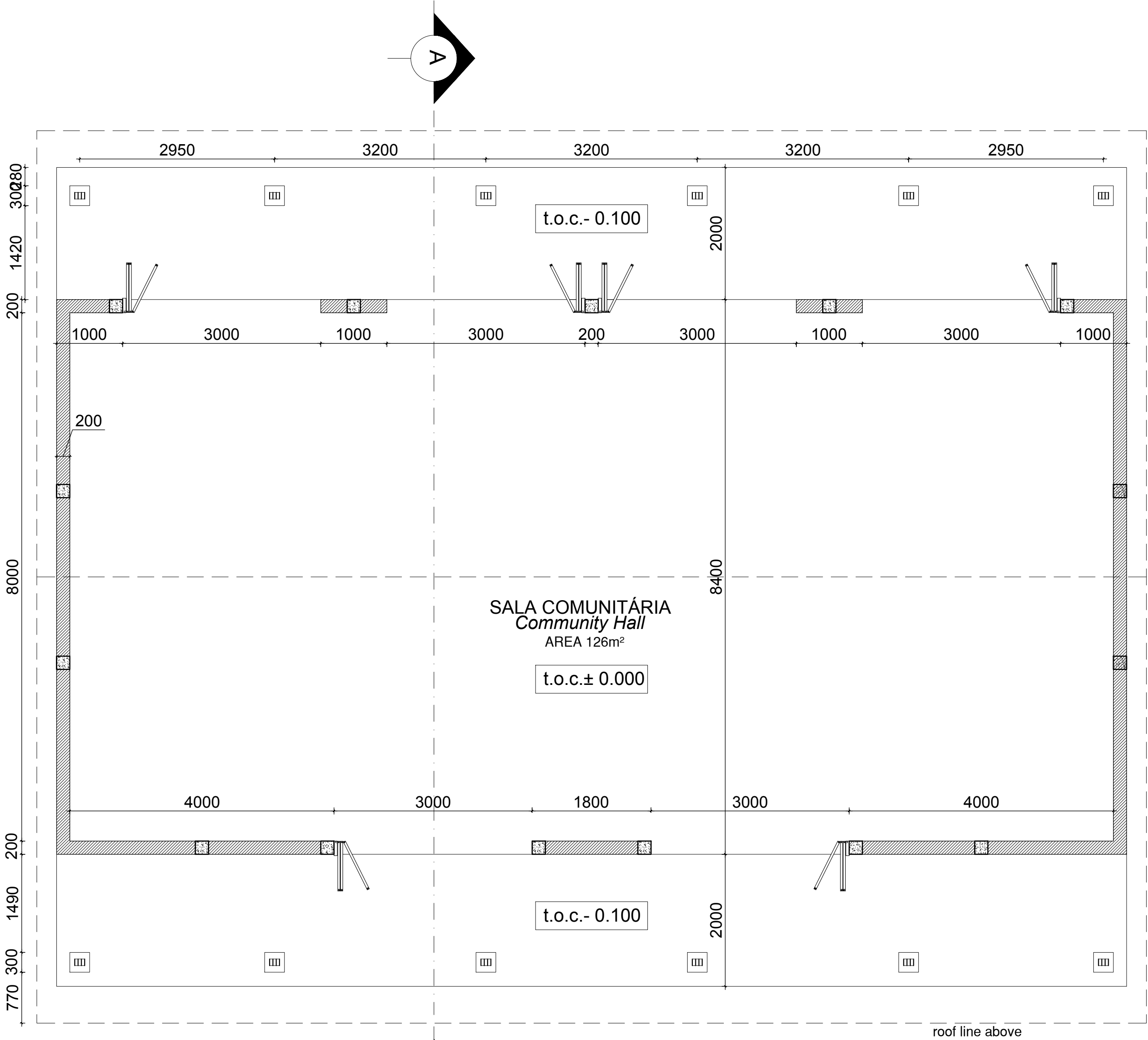
Cobertura em Chapas metálicas
esmalgadas com perfil IBR

Metal roof enameled sheeting with
IBR profile



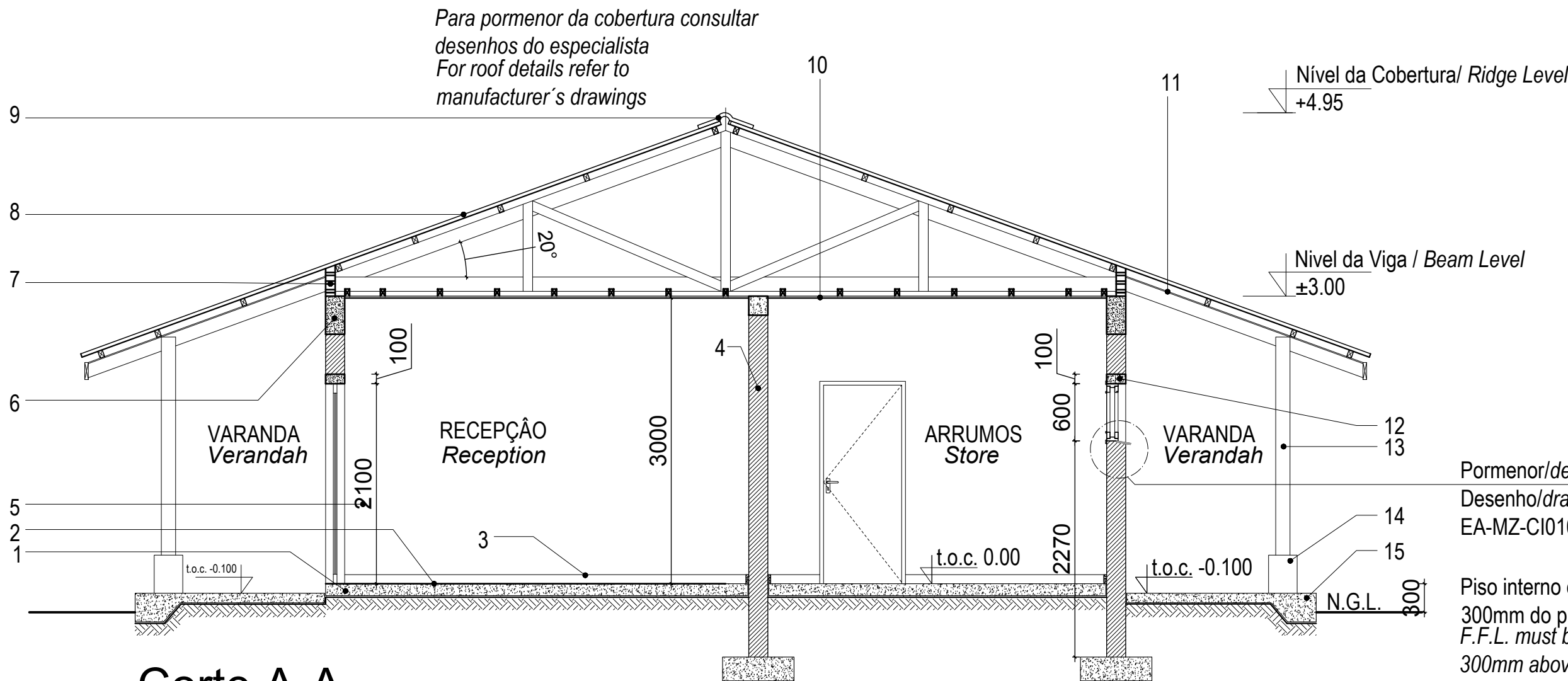
PLANTA DE COBERTURA
Roof Plan

Escala/Scale 1:50



PLANTA DO PISO
Floor Plan

Escala/Scale 1:50



Corte A-A Section A-A

Escala/Scale 1:50

Legenda Key

1_Laje de pavimento em betão

Concrete slab

2_Acabamento do pavimento em cimento queimado

Concrete floor to have power float finish

3_Rodapé em betonilha lisa, pintada a tinta esmalte com h=100mm

Painted concrete skirting

4_Alvenaria em blocos vazados com espessura de 200mm

Walls in hollow block 200mm wide

5_Parede com reboco liso, pintada a tinta plástica

Wall with plain plaster and PVA painted

6_Viga de coroamento em betão armado

Concrete ring beam

7_Blocos ventiladores com rede mosquiteira sintectica

Vent blocks with mosquito net

8_Cobertura em chapas metálicas esmaltadas com perfil IBR

com isolamento Sisolation 405

Enameled metalic roof sheeting with IBR profile on graded SA pine battens

with sisalation 405 roof underlay fixed to prefabricated roof trusses

9_Cumeeira em chapa esmaltada

Enameled sheet ridge cap

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sob estrutura de madeira

Ceiling in Gypsum board PVA painted under wooden structure

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Fiber cement NUTEC soffit board

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Concrete lintel

13_Pilar em madeira tratada

Treated timber column

14_Base do pilar em betão, pitado a tinta plástica

Concrete column base, painted with washable PVA paint

15_Laje de pavimento da varanda

Concrete verandah slab

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WATER
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EA-MZ-CI0100-WOR-E05-00595-03

ELECTRICAL
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EA-MZ-CI0100-WOR-E02-00531-01
EA-MZ-CI0100-WOR-E02-00530-01
EA-MZ-CI0100-WOR-E02-00535-01


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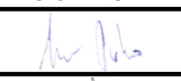
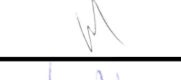
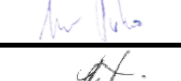

REVISIONS

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A	12/08/15	MM	AP	ISSUED FOR INTERNAL REVIEW
B	12/08/15	MM	AP	ISSUED FOR DETAIL DESIGN
C	12/08/15	MM	AP	ISSUED FOR SQUAD CHECK
D	01/10/15	MM	AP	ISSUED FOR CLIENT REVIEW
E	16/11/15	MM	AP	ISSUED CLIENT APPROVAL
0	25/11/15	MM	AP	ISSUED FOR CONSTRUCTION

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 **MESCH**
arquitectos

	NAME	SIGNATURE	DATE
DRAWN BY:	AP		
CHECKED :	MM		
DESIGNER :	AP		
PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:			

CLIENT

 **MOZAMBIQUE**
GAS DEVELOPMENT
PROJECT

 **Anadarko**
Moçambique Área 1, Lda

PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**CENTRO COMUNITÁRIO-LAYOUT
DO BLOCO ADMINISTRATIVO -
FOLHA 3 DE 3**

COMMUNITY CENTRE
ADMIN. BLOCK LAYOUT - SHEET
3 OF 3

SCALE	DATE
AS SHOWN ORIGINAL DWG SIZE A2	NOV 2015

DRAWING NUMBER	REV NO
C00290-00-AR-DLP-0139-003	0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E04-01111-03

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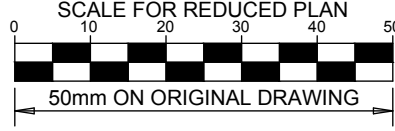
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EA-MZ-CI0100-WOR-E04-00605-01
EA-MZ-CI0100-WOR-E04-01111-01
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CHECKED:	MM		
DESIGNER:	AP		
PR ENG:			
PROJECT ENG. MANAGER:	L PADAYACHEE		
LOCAL PR ENG:			
CLIENT:			

CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
CENTRO COMUNITÁRIO-LAYOUT
DO BLOCO ADMINISTRATIVO -
FOLHA 2 DE 3

COMMUNITY CENTRE
ADMIN. BLOCK LAYOUT - SHEET
2 OF 3

SCALE
AS SHOWN
ORIGINAL DWG SIZE A1

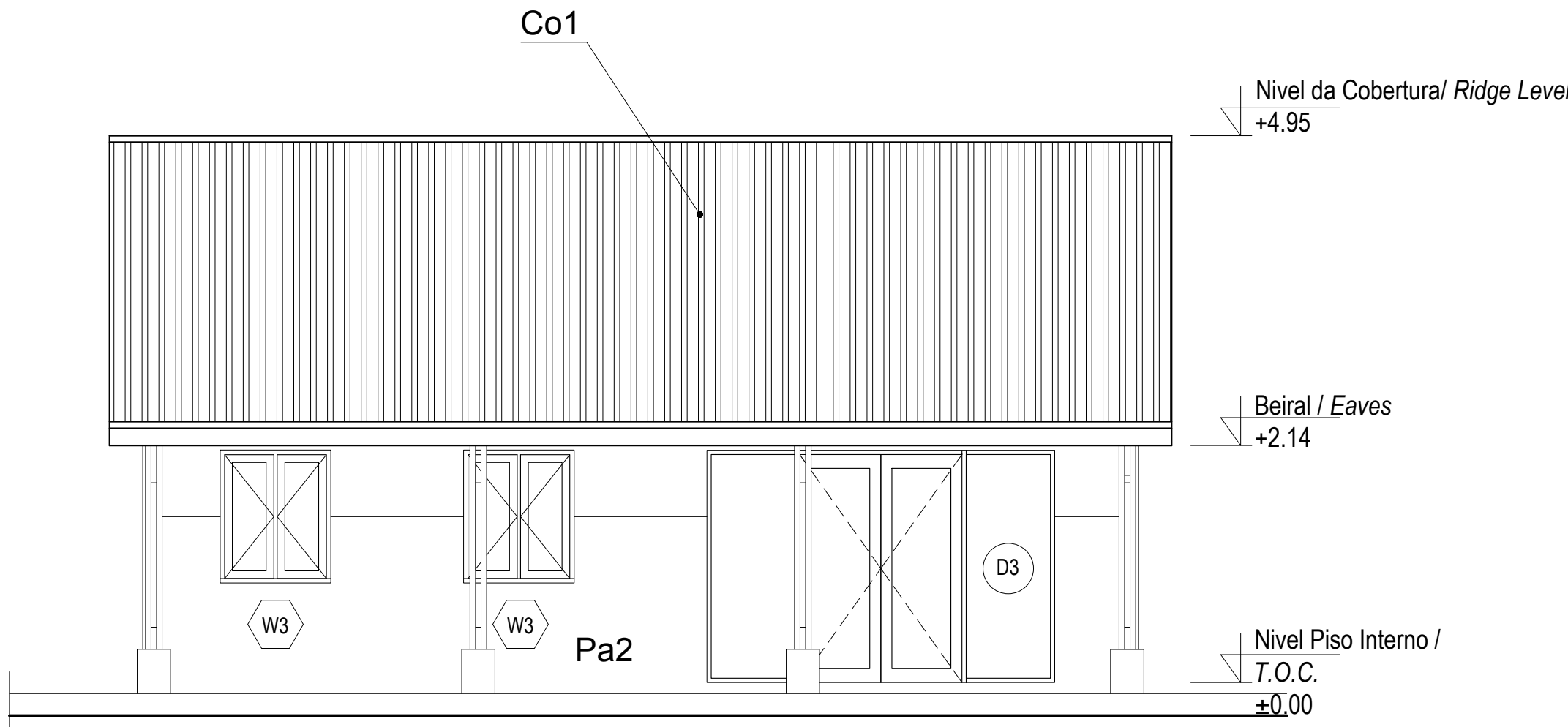
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DRAWING NUMBER
C00290-00-AR-DLP-0139-002

REV NO
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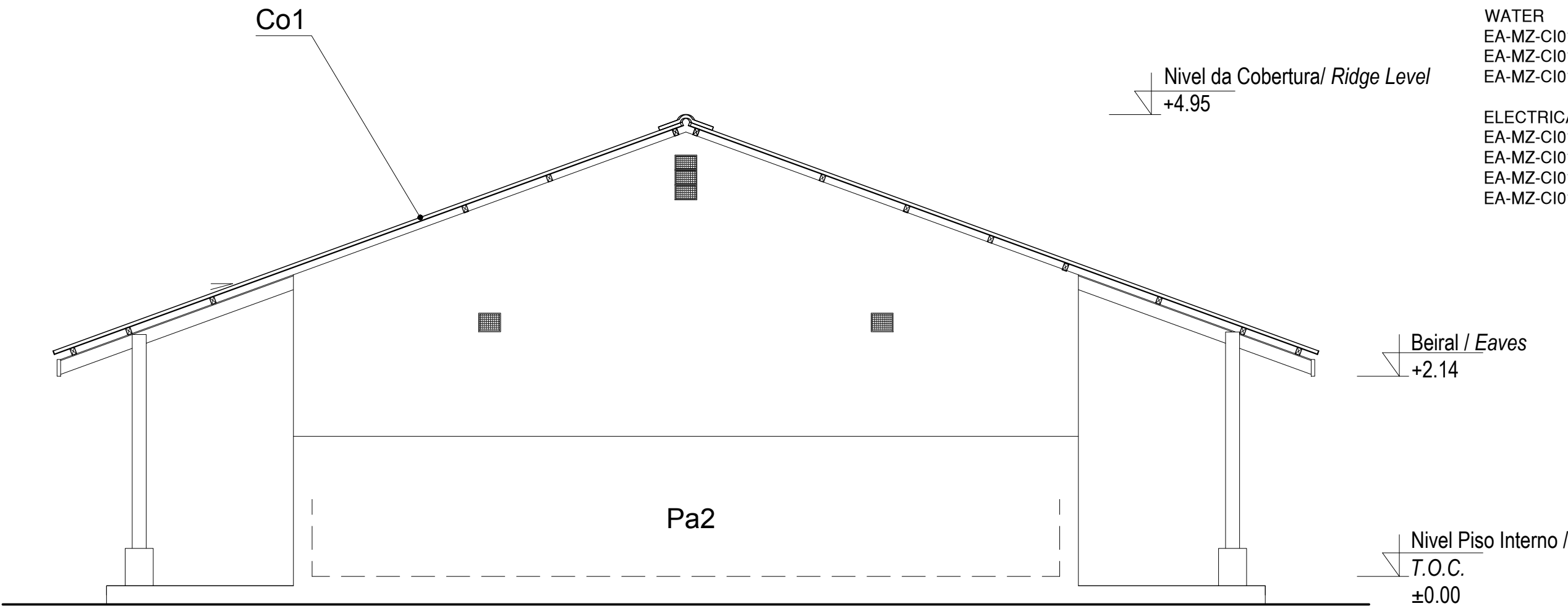
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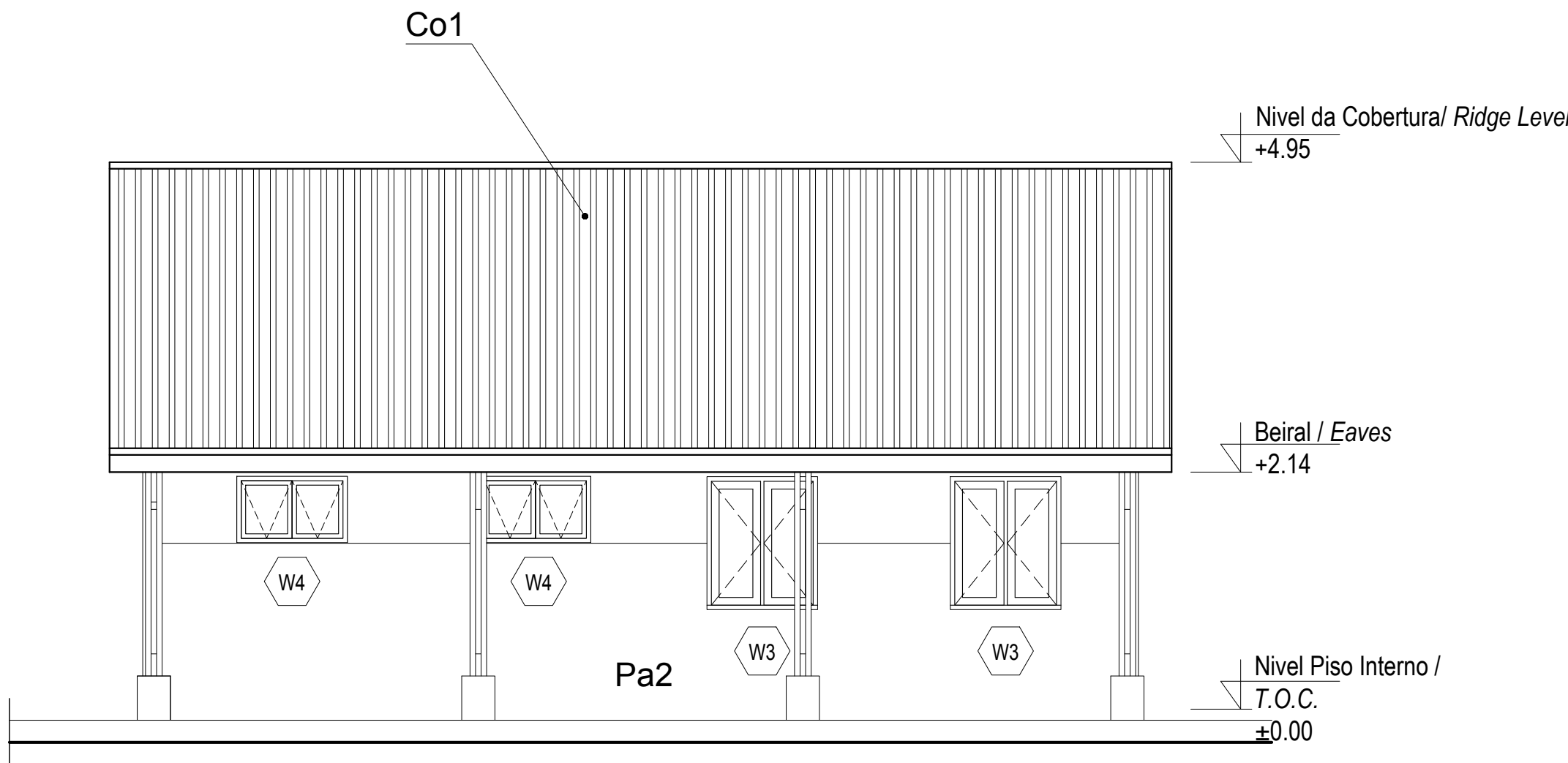
ALÇADO FRONTAL
Front Elevation

Escala/Scale 1:50



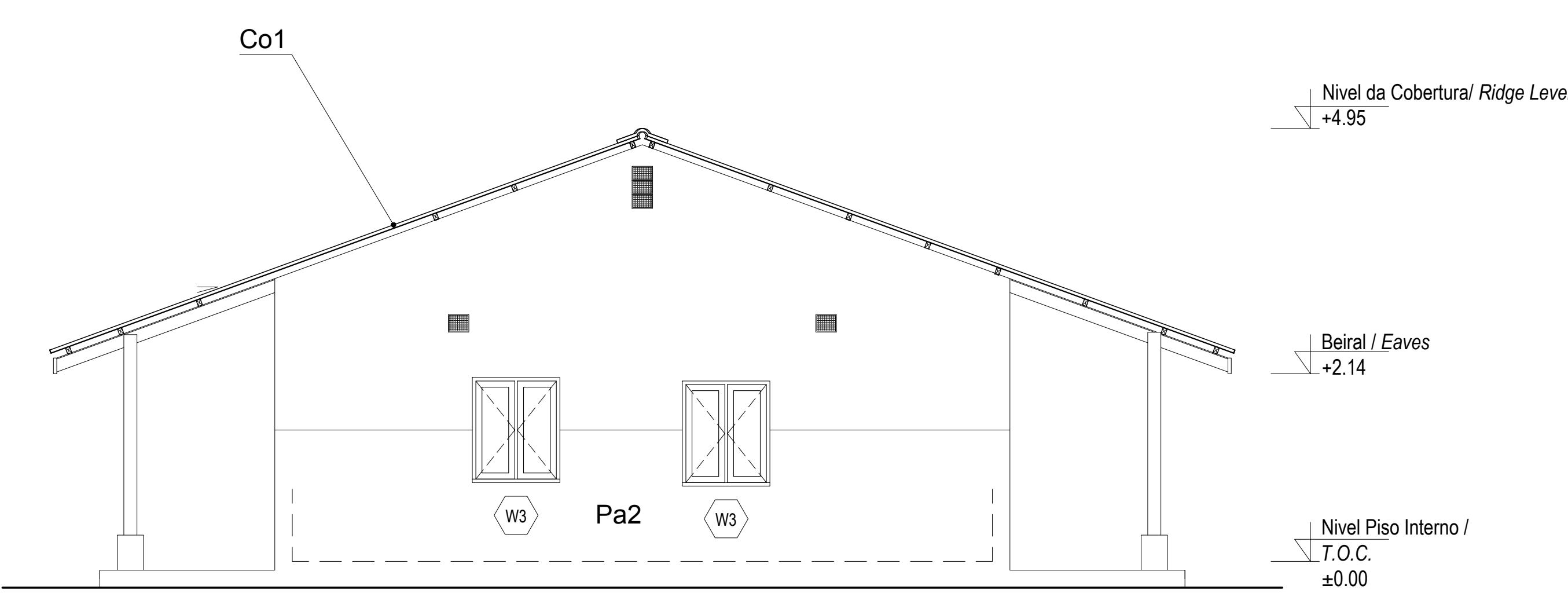
ALÇADO LATERAL DIR.
Right Side Elevation

Escala/Scale 1:50



ALÇADO POSTERIOR
Back Elevation

Escala/Scale 1:50



ALÇADO LATERAL ESQ.
Left Side Elevation

Escala/Scale 1:50



*Metal roof enameled sheeting with
IBR profile*



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PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:			

CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

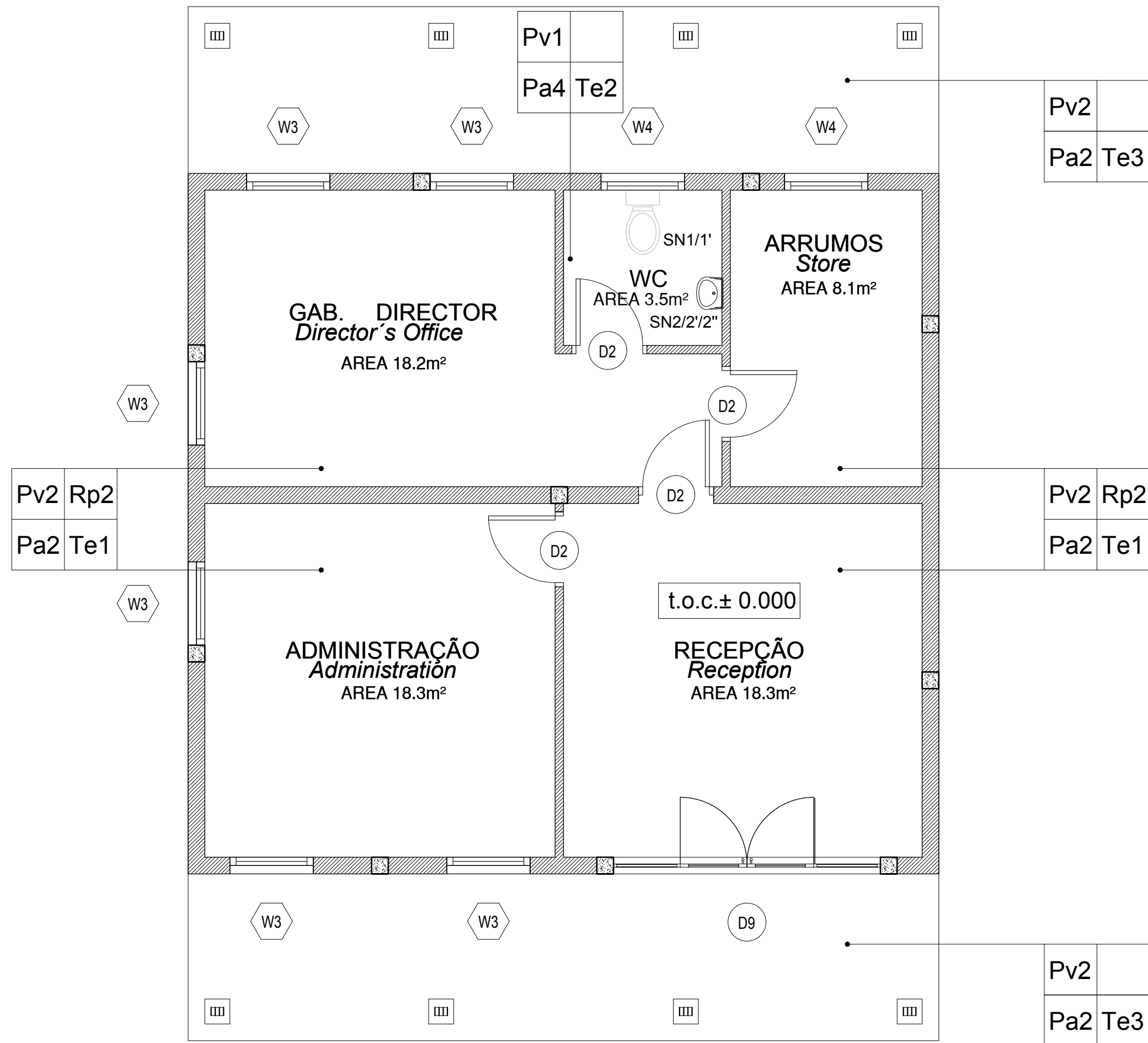
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DO BLOCO ADMINISTRATIVO -
FOLHA 1 DE 3

COMMUNITY CENTRE
ADMIN. BLOCK LAYOUT - SHEET
1 OF 3

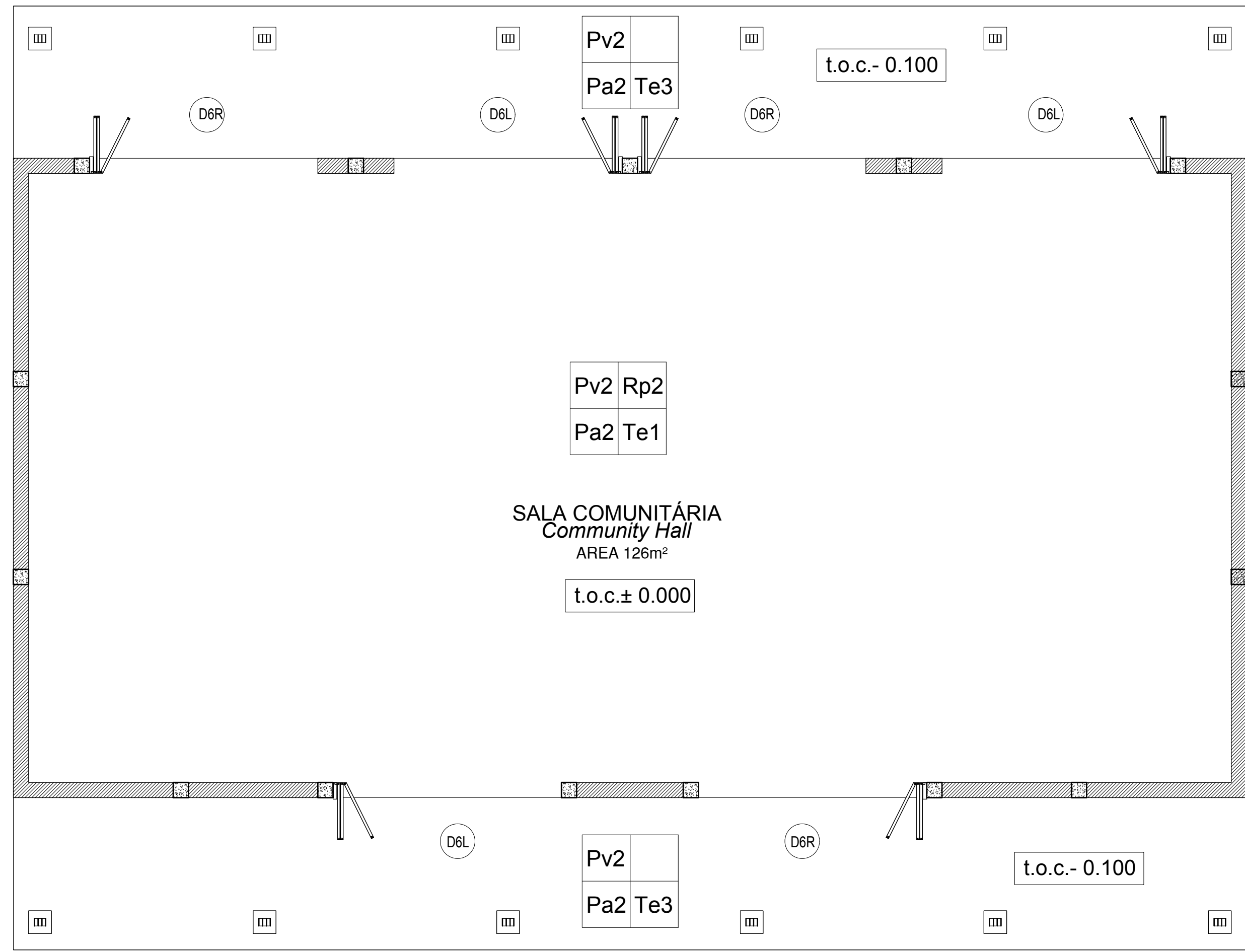
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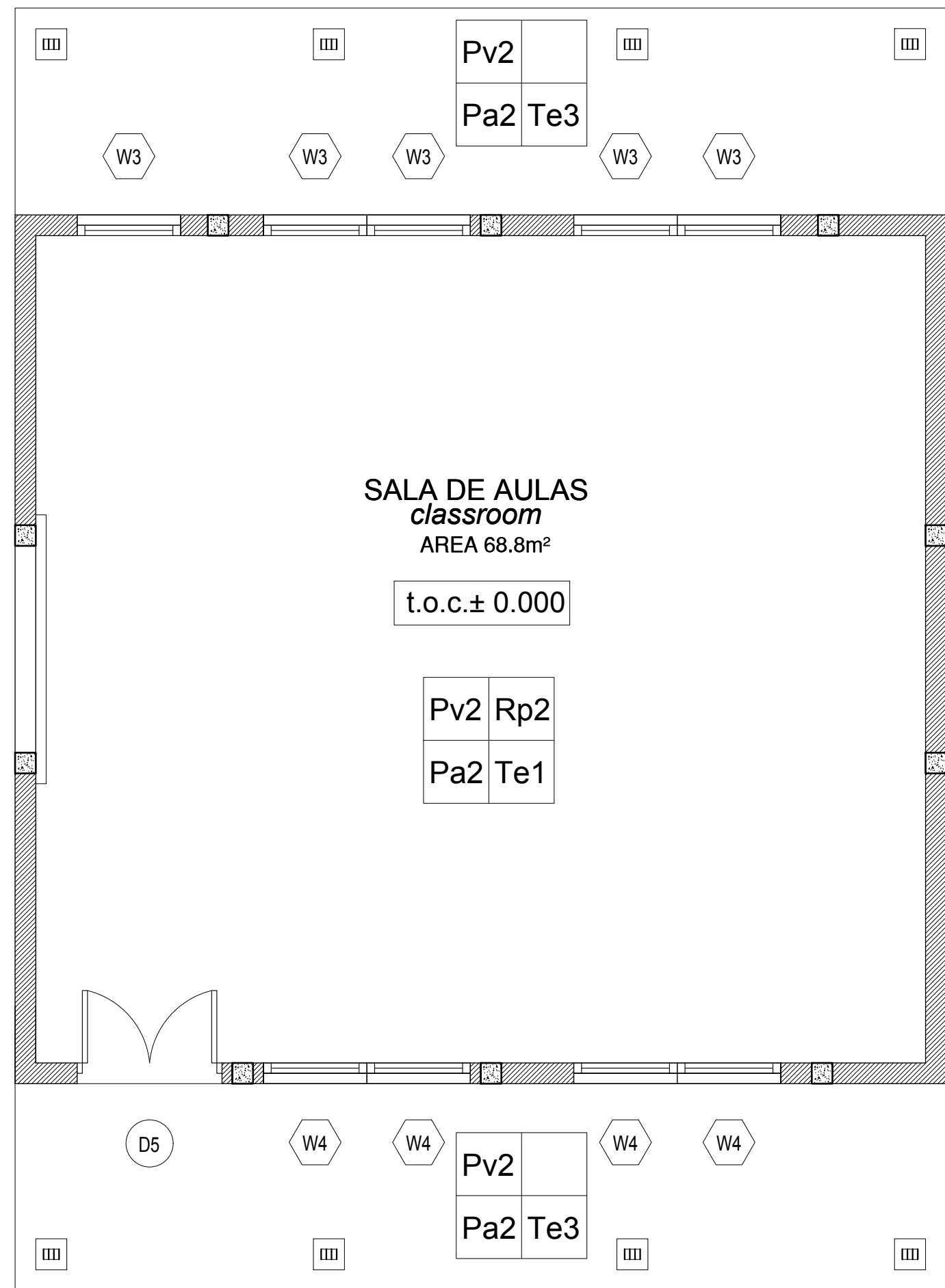
ANADARKO DRAWING NUMBER	EA-MZ-CI0100-WOR-E04-01111-01
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1 BLOCO ADMINISTRATIVO
ADMINISTRATIVE BLOCK



2 SALA COMUNITÁRIA
COMMUNITY HALL



3 SALA DE AULAS
CLASSROOM BLOCK

ACABAMENTOS / Finishings

PAVIMENTOS / Pavements

Pv1 - Mosaico cerâmico ou Tijoleira classe IV
Ceramic tiles class IV
Pv2 - Acabamento do pavimento em cimento queimado
Concrete floor to have power float finish

TECTOS / Ceilings

Te1 - Tecto falso em placas de gesso cartonado pintadas a tinta plastica
Ceiling in gypsum board, PVA painted.
Te2 - Tecto falso em placas de gesso cartonado, resistentes a humidade.
Ceiling in moisture resistant gypsum board, PVA Painted
Te3 - Tecto falso em placas NUTEC
Ceiling in NUTEC boards

RODAPÉS / Skirtings

Rp2 - Betonilha lisa pintada a tinta esmalte, com h=10cm
Plain granolithic enamel paint, with h=10cm

COBERTURA / Roofs

Co1 - Chapas metálicas esmaltadas com perfil IBR
Metallic enameled sheets with IBR profile

PAREDES / Walls

Pa2 - Pintura com tinta esmalte de cor até 1.50m de altura (lambri) e tinta plástica sobre reboco liso até o tecto
Colour enamel paint until 1.50m height wainscoting PVA paint on plain plaster to ceiling height
Pa4 - Azulejos brancos 20x20cm h=2.10m
20x20cm white tiles h=2.10m

SANITÁRIOS/Sanitary

SN1 - Conjunto de sanita em porcelana, modelo "H441 Branca" da "Construa" ou similar
Toilet in porcelain, model "H441 White" from "Construa" or similar
SN1' - Porta rolos em porcelana
Toilet rolls holder in porcelain
SN2 - Lavatório e pedestal modelo "C356 Branco" em porcelana da "Construa" ou similar
Handwash basin and pedestal in porcelina in model "C356 White" from "Construa" or similar
SN2' - Toalheiro médio metálico cromado
Medium chromated metallic towel rack
SN2'' - Espelho com 40x40 cm.
Mirror with 40x40 cm.

PINTURA / Painting

- Para especificações da pintura consultar documento em anexo.
- For all painting specifications refer to document in annex.

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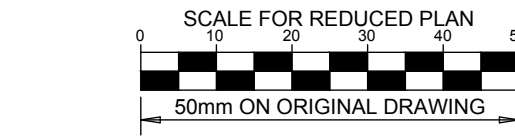
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STRUCTURAL
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WATER
EA-MZ-CI0100-WOR-E05-00595-01
EA-MZ-CI0100-WOR-E05-00595-02
EA-MZ-CI0100-WOR-E05-00595-03

ELECTRICAL
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	NAME	SIGNATURE	DATE
DRAWN BY:	AP		
CHECKED:	MM		
DESIGNER:	AP		
PR ENG:			
PROJECT ENG. MANAGER	L PADAYACHEE		
LOCAL PR ENG:			
CLIENT:	G MARAVIGLIA		

CLIENT



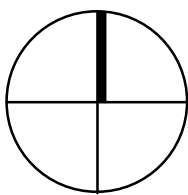
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AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
CENTRO COMUNITÁRIO
MAPA DE ACABAMENTOS E
LOCALIZAÇÃO DE VÃOS
COMMUNITY CENTRE
FINISHING & DOOR/WINDOW KEY
PLAN

SCALE
1:50
ORIGINAL DWG SIZE A1
DATE
NOVEMBER 2015

DRAWING NUMBER
C00290-00-AR-DLP-0144-001
REV NO
0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E04-00612-01



Walkway in "PolyCem
polymer" or similar, colour to
client

*Passeio em "PolyCem
polymer" ou semelhante, cor
a ser decidida pelo cliente*

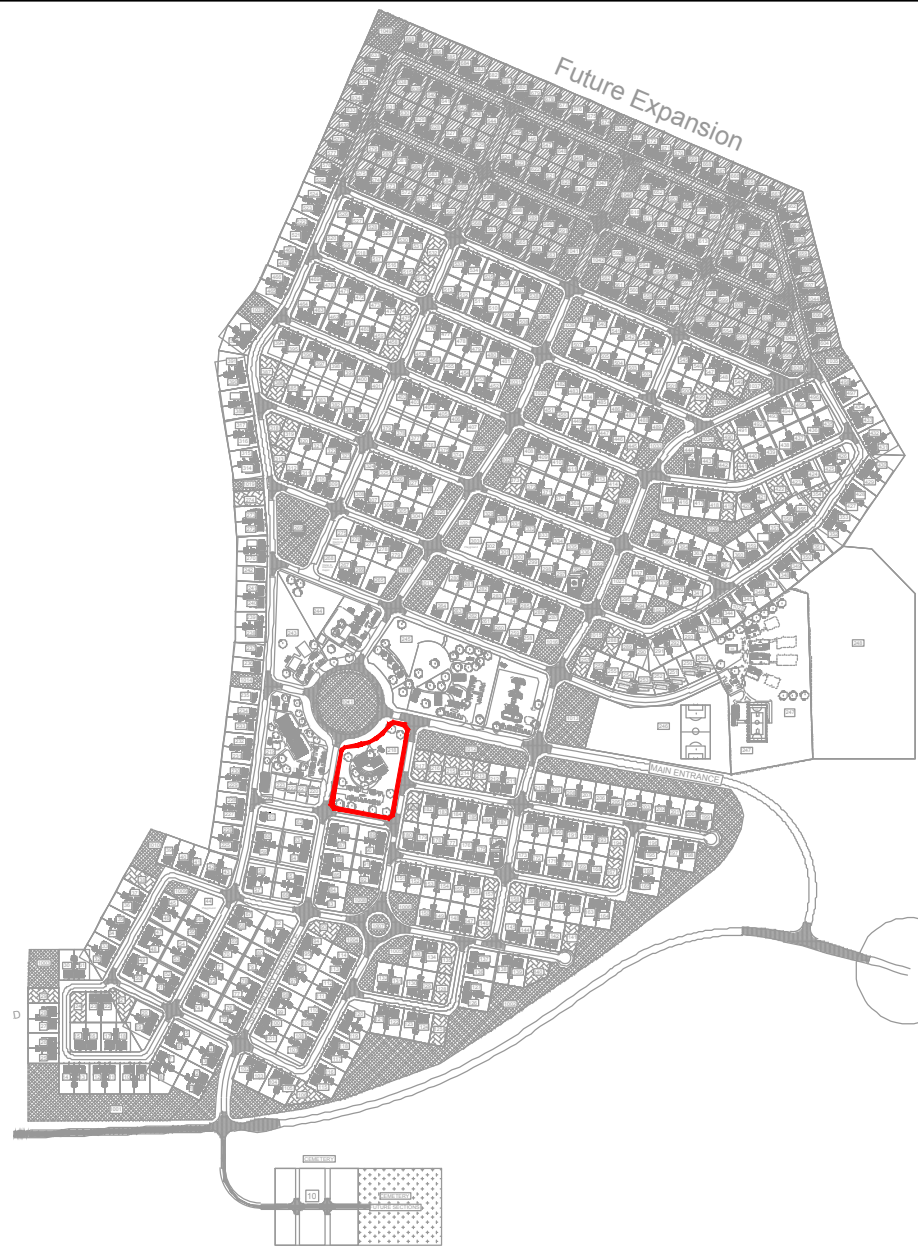
ENTRADA PARA ESTACIONAMENTO
PARKING ENTRANCE

ENTRADA
MAIN ENTRANCE

ESTACIONAMENTO
PARKING

LEGENDA / LEGEND

- 01 SALA COMUNITÁRIA
COMMUNITY CENTRE HALL
- 02 BLOCO ADMINISTRATIVO
ADMINISTRATION
- 03 SALA DE AULAS
CLASSROOM
- 04 ANFITEATRO
AMPHITHEATER
- 05 LATRINAS
PUBLIC TOILETS



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CONJUNCTION WITH:***

ARCHITECTURAL
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DESIGNER :	AP		
PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:			

CLIENT



PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

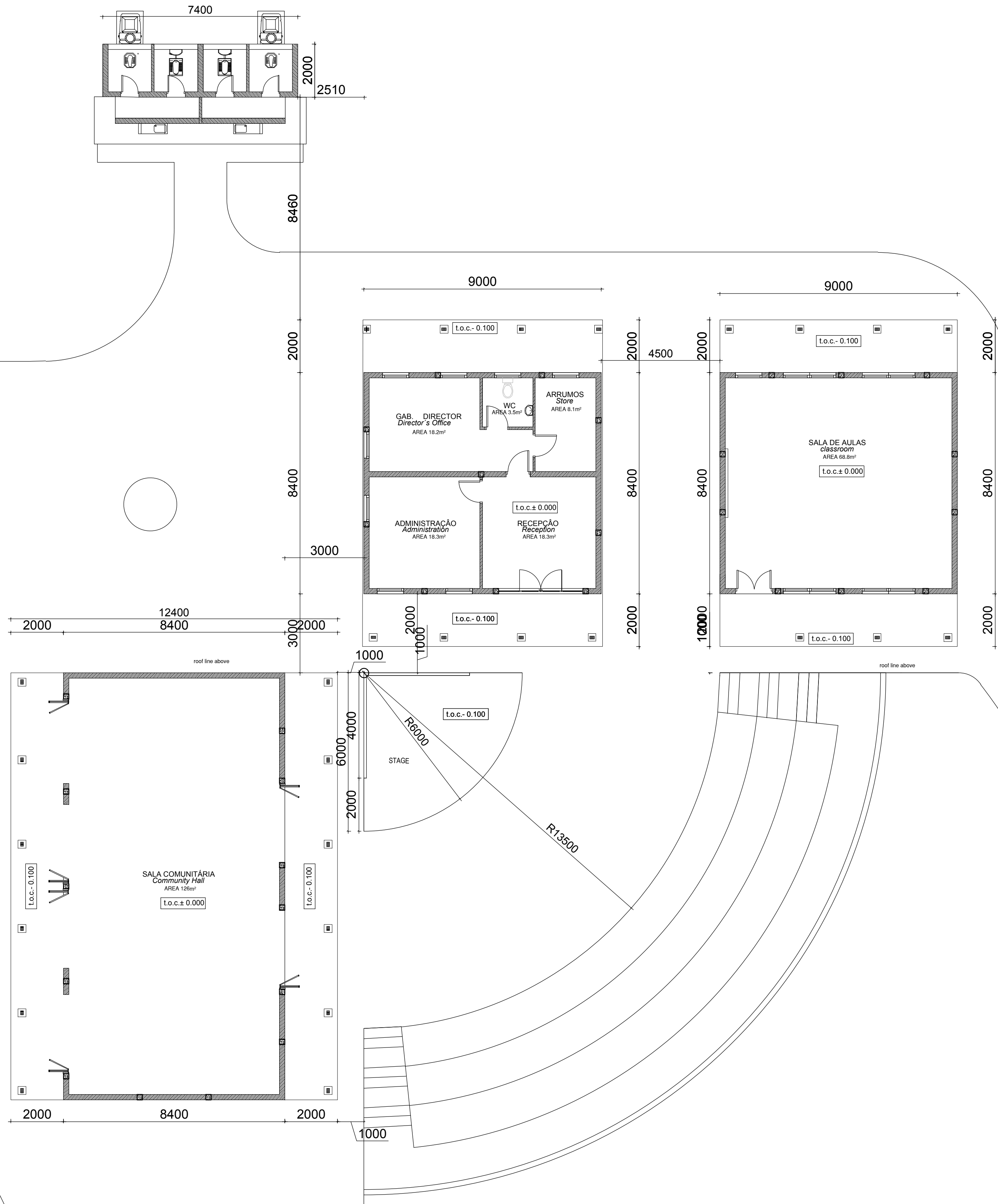
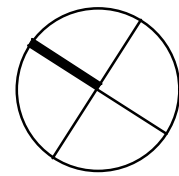
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**CENTRO COMUNITÁRIO
PLANTA DE IMPLANTAÇÃO**

COMMUNITY CENTRE SITE PLAN

SCALE 1:500 ORIGINAL DWG SIZE A2	DATE NOV 2015
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DRAWING NUMBER C00290-00-AR-DLP-0108-001	REV NO 0
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ANADARKO DRAWING NUMBER
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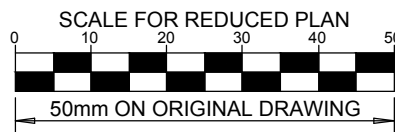
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EA-MZ-CI0100-WOR-E05-00595-02
EA-MZ-CI0100-WOR-E05-00595-03

ELECTRICAL
EA-MZ-CI0100-WOR-E02-00532-01
EA-MZ-CI0100-WOR-E02-00531-01
EA-MZ-CI0100-WOR-E02-00530-01
EA-MZ-CI0100-WOR-E02-00535-01



NOTES

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A	12/08/15	MM	AP	ISSUED FOR INTERNAL REVIEW
B	12/08/15	MM	AP	ISSUED FOR DETAIL DESIGN
C	12/08/15	MM	AP	ISSUED FOR SQUAD CHECK
D	01/10/15	MM	AP	ISSUED FOR CLIENT REVIEW
E	16/11/15	MM	AP	ISSUED CLIENT APPROVAL
O	25/11/15	MM	AP	ISSUED FOR CONSTRUCTION



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	NAME	SIGNATURE	DATE
DRAWN BY:	AP		
CHECKED:	MM		
DESIGNER:	AP		
PR ENG:			
PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG:			
CLIENT:			

CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION

LAYOUT DO CENTRO COMUNITÁRIO

COMMUNITY CENTRE LAYOUT

SCALE
1:100
ORIGINAL DWG SIZE A1

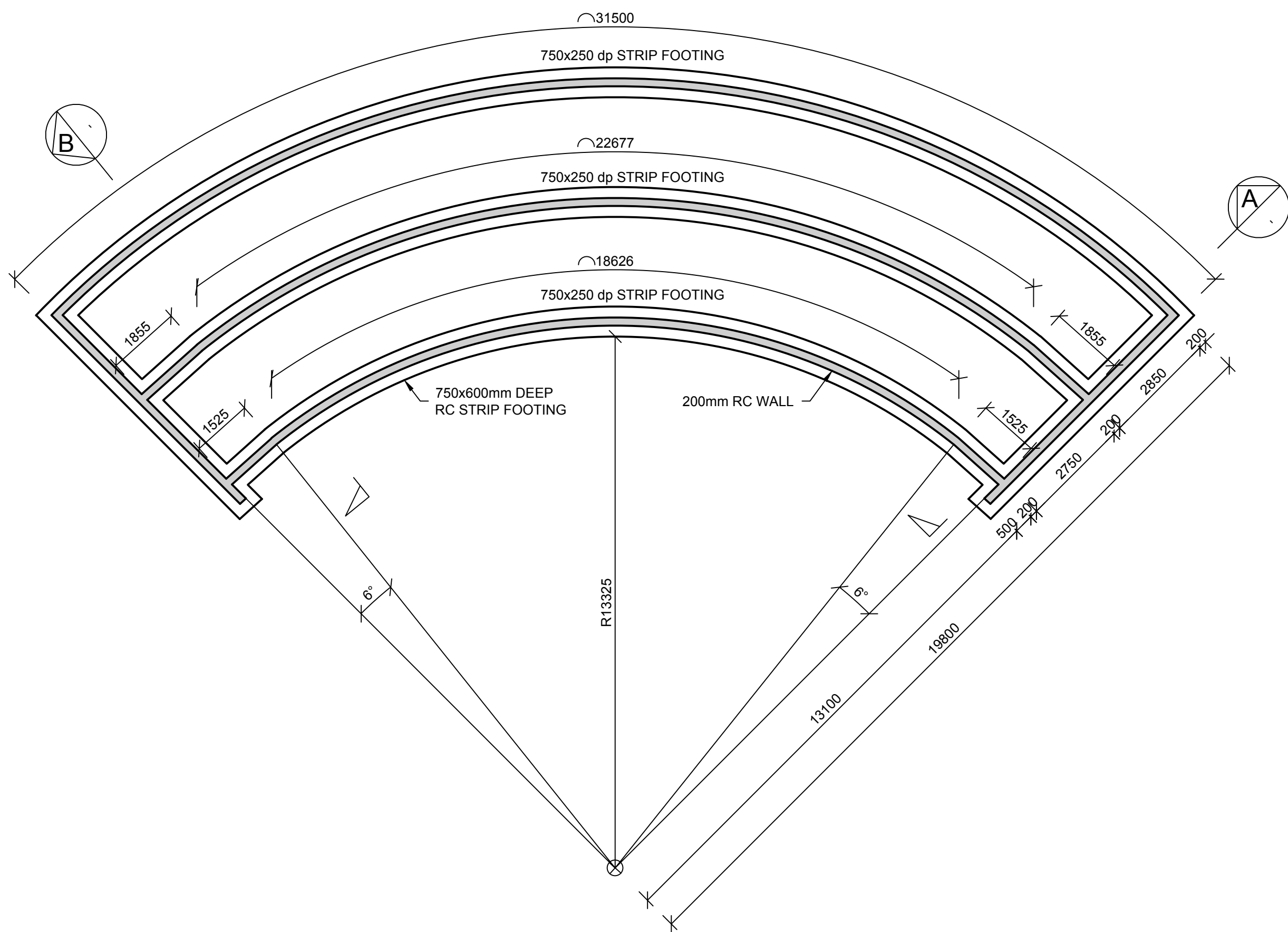
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NOVEMBER 2015

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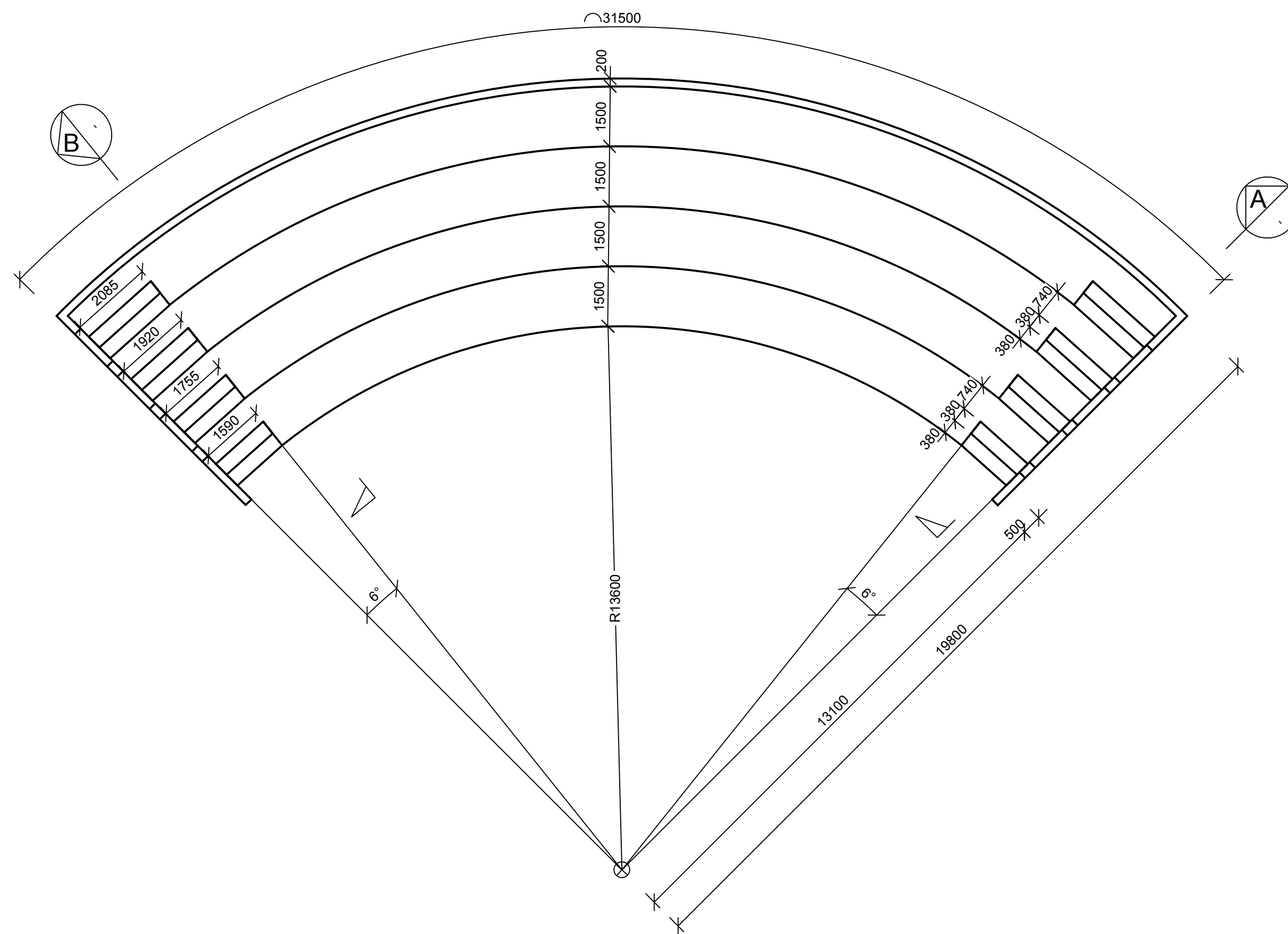
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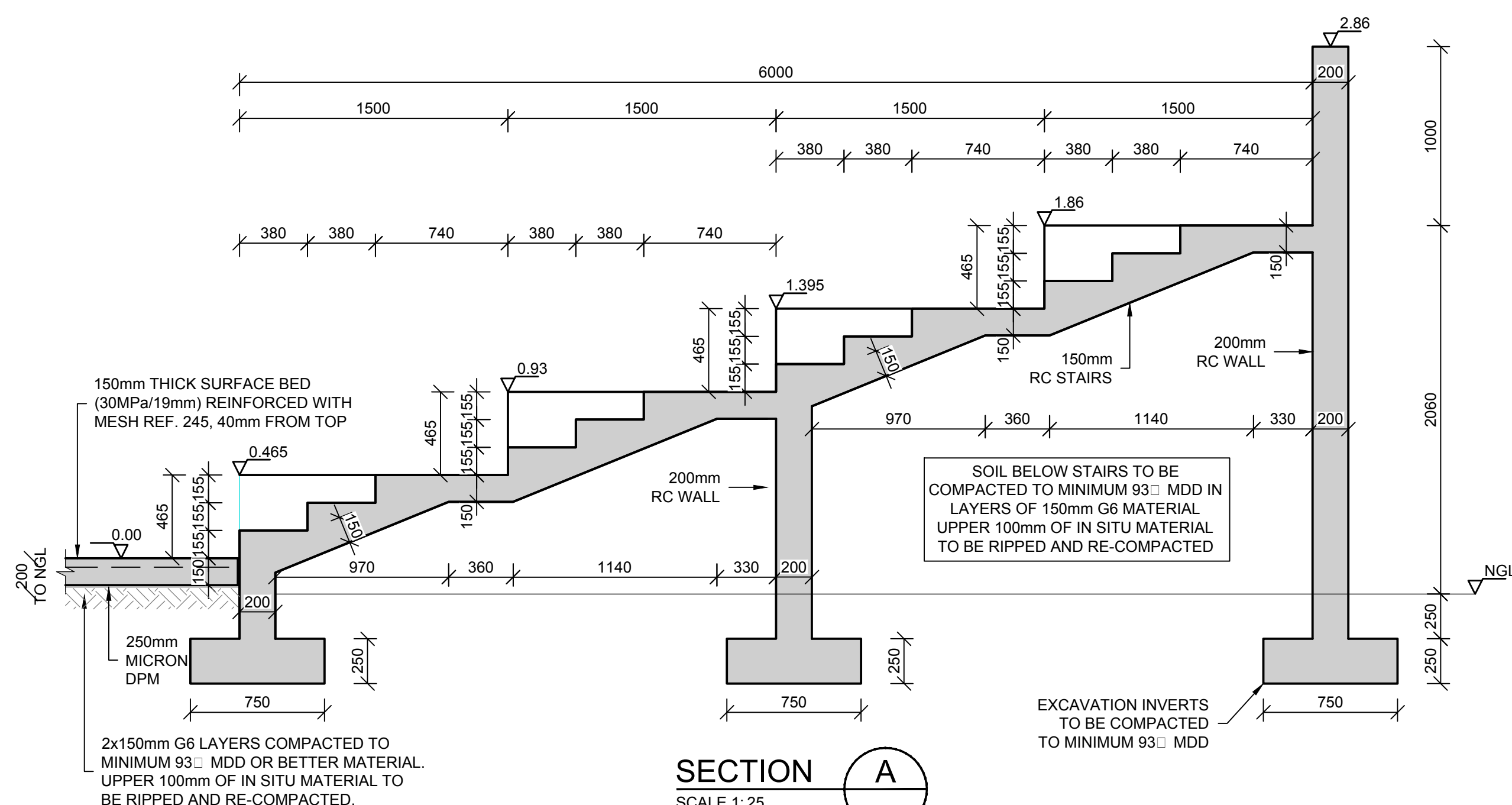
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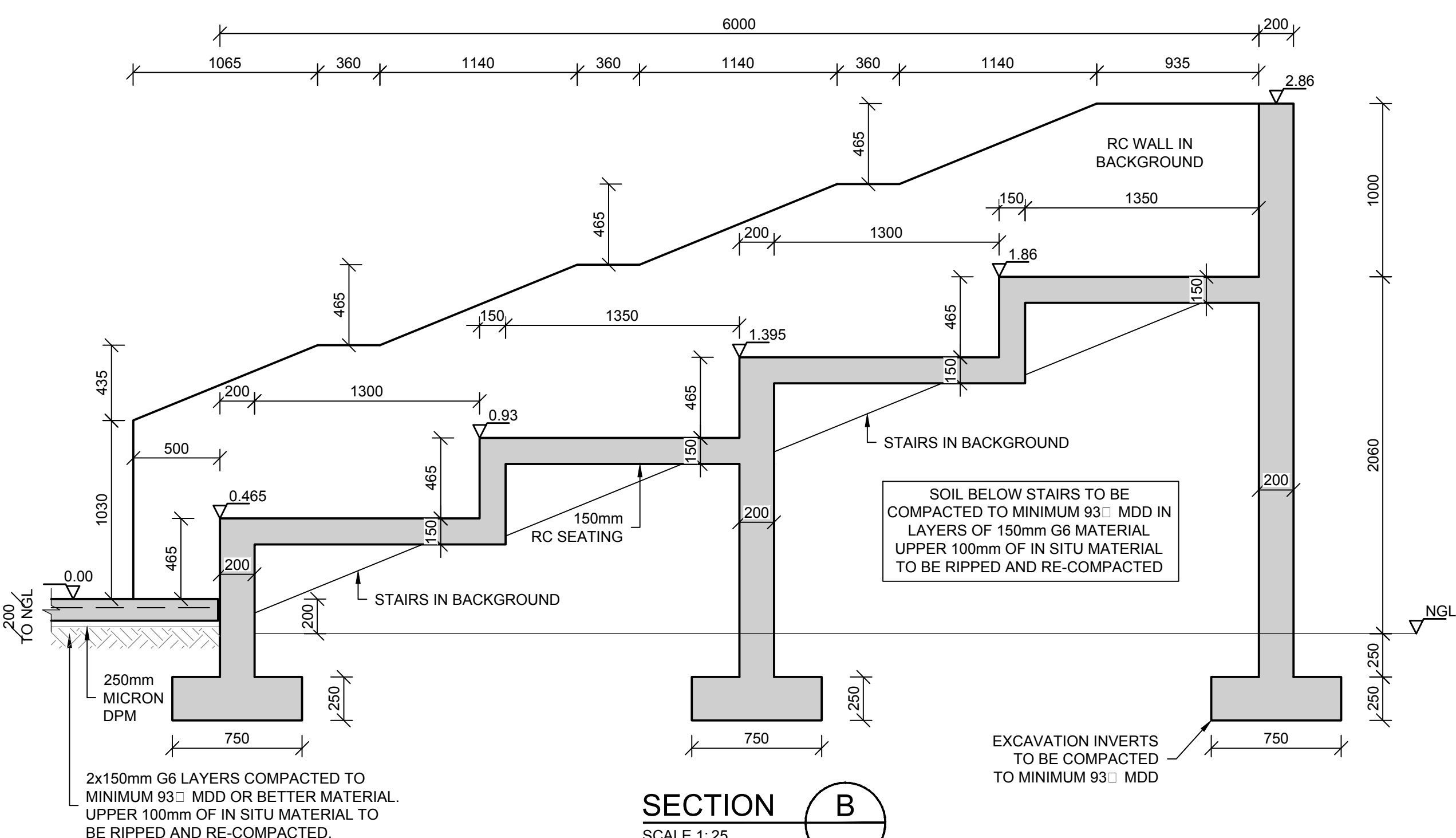
FOUNDATION LAYOUT
SCALE 1 : 100



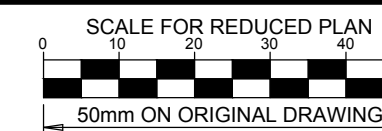
SLAB LAYOUT
SCALE 1 : 100



SECTION A
SCALE 1:25



SECTION B
SCALE 1:25



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI0000-WOR-B18-00001-01

REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E04-00605-01

REFER TO FOUNDATION REINFORCEMENT
EA-MZ-CI0100-WOR-E05-00083-01 &
SLAB REINFORCEMENT
EA-MZ-CI0100-WOR-E05-00084-01

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NO.	DATE	CHECKED	DONE BY	DESCRIPTION
A	03/11/15	TS	NR	ISSUED FOR INTERNAL REVIEW
B	03/11/15	TS	NR	ISSUED FOR DETAIL DESIGN
C	03/11/15	TS	NR	ISSUED FOR SQUAD CHECK
D	04/11/15	TS	NR	ISSUED FOR CLIENT REVIEW
E	17/11/15	TS	NR	ISSUED FOR CLIENT APPROVAL
0	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION

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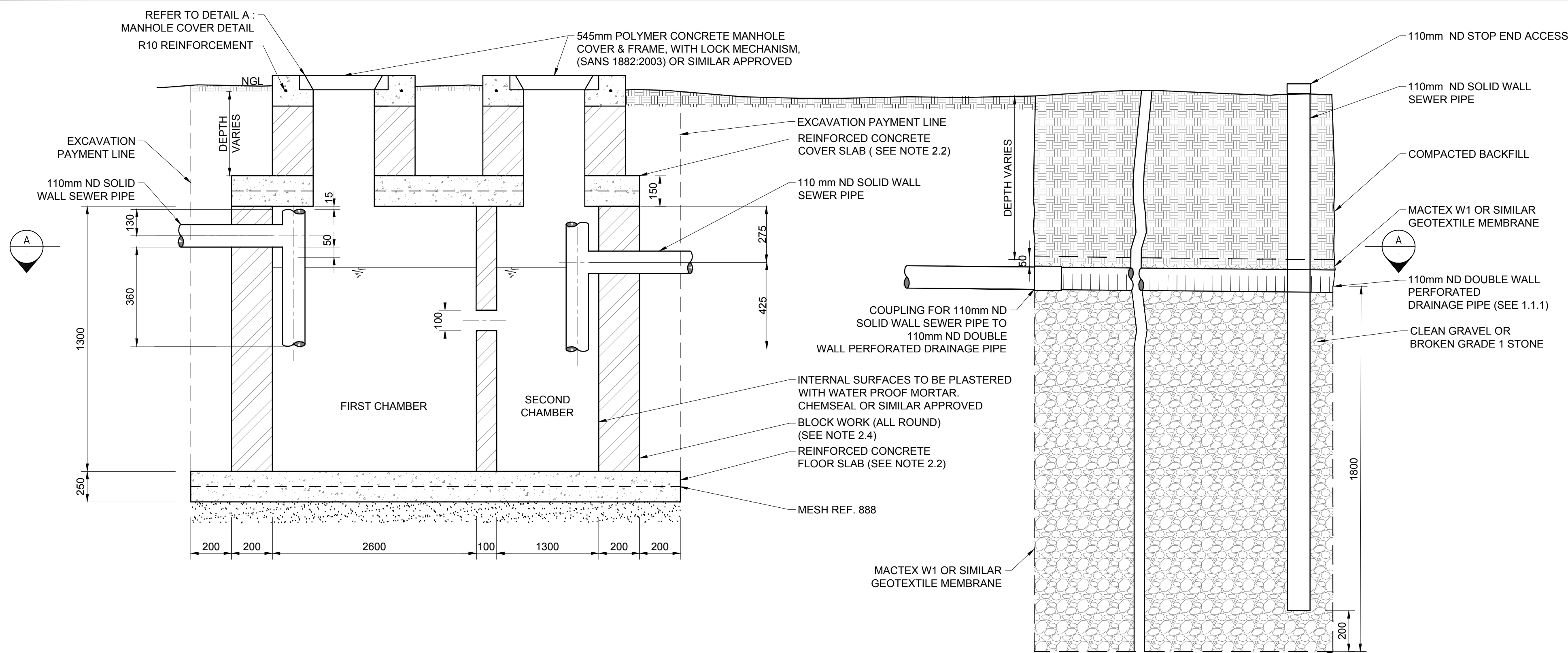
NAME	SIGNATURE	DATE
DRAWN BY:	N ROBINSON	03/12/15
CHECKED:	T SNYDERS	03/12/15
DESIGNER:	T SNYDERS	03/12/15
PR ENG:	I ROBINSON	03/12/15
PROJECT ENG. MANAGER	L PADAYACHEE	03/12/15
LOCAL PR ENG:		
CLIENT:	G MARAVIGLIA	



PROJECT
AMA 1
RESETTLEMENT
VILLAGE
DRAWING DESCRIPTION

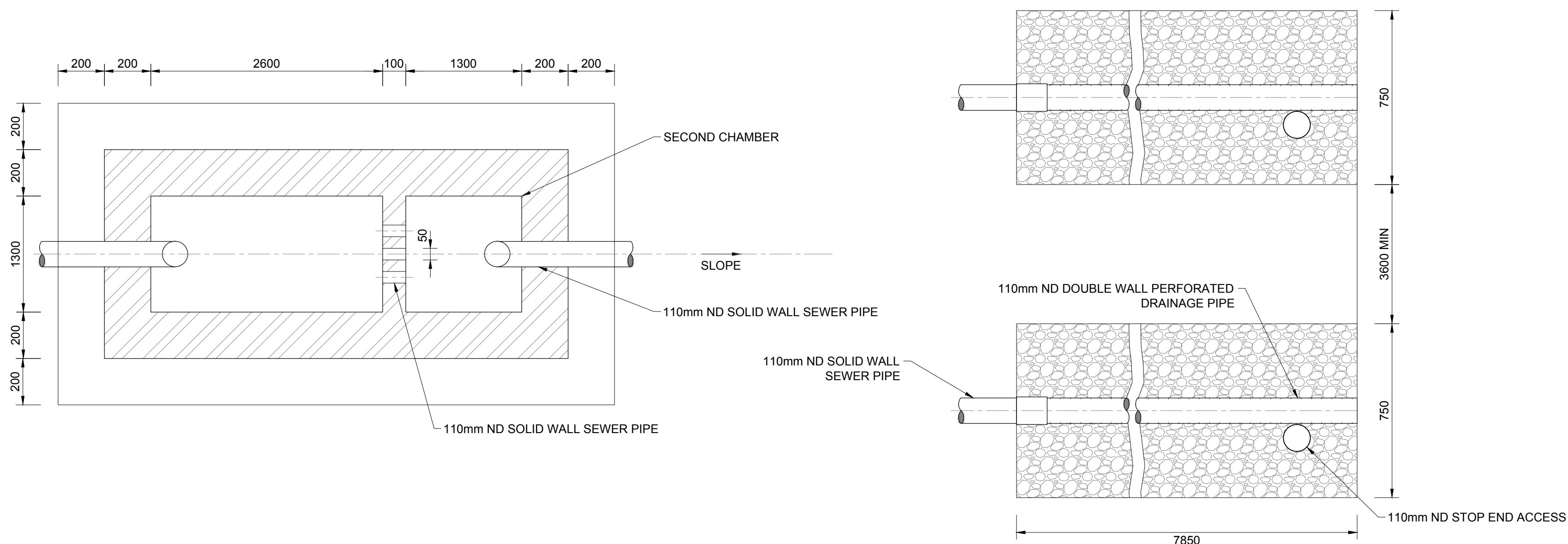
COMMUNITY CENTER:
AMPHITHEATER LAYOUT

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ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E04-00030-01	



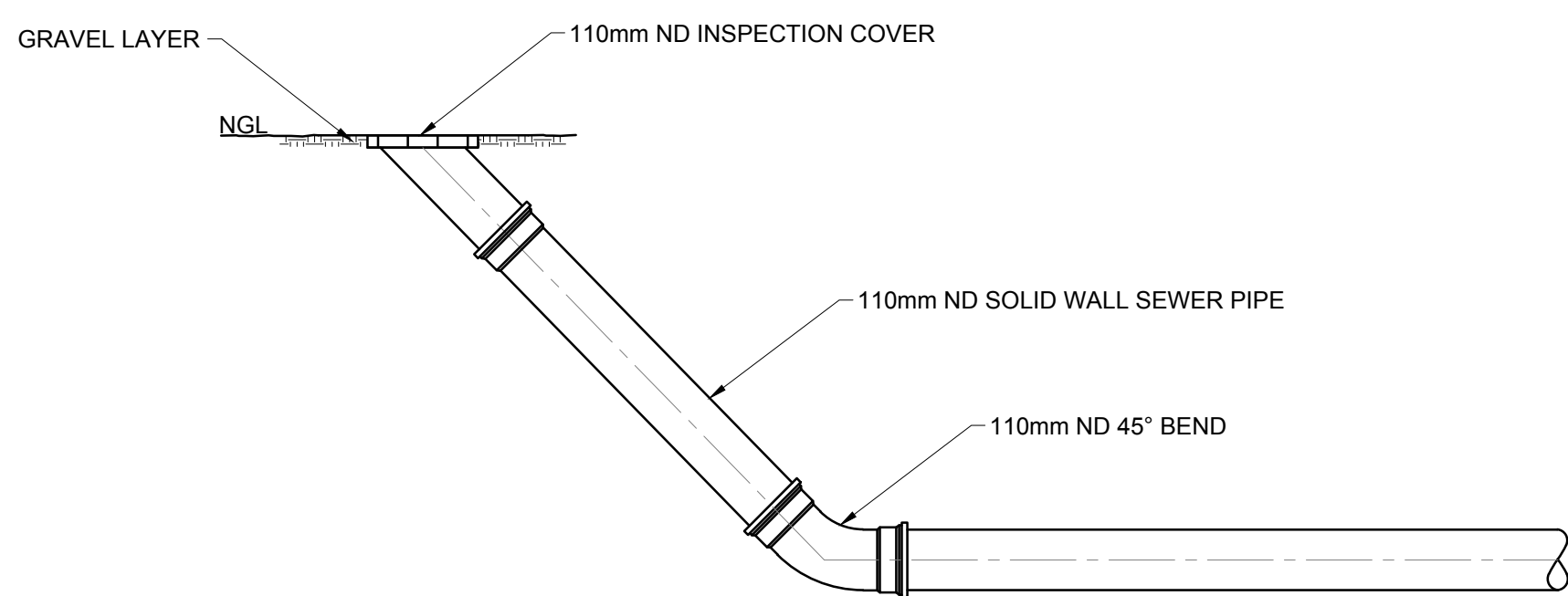
TYPICAL SIDE SECTION DETAIL (SCHEMATIC)

N.T.S.



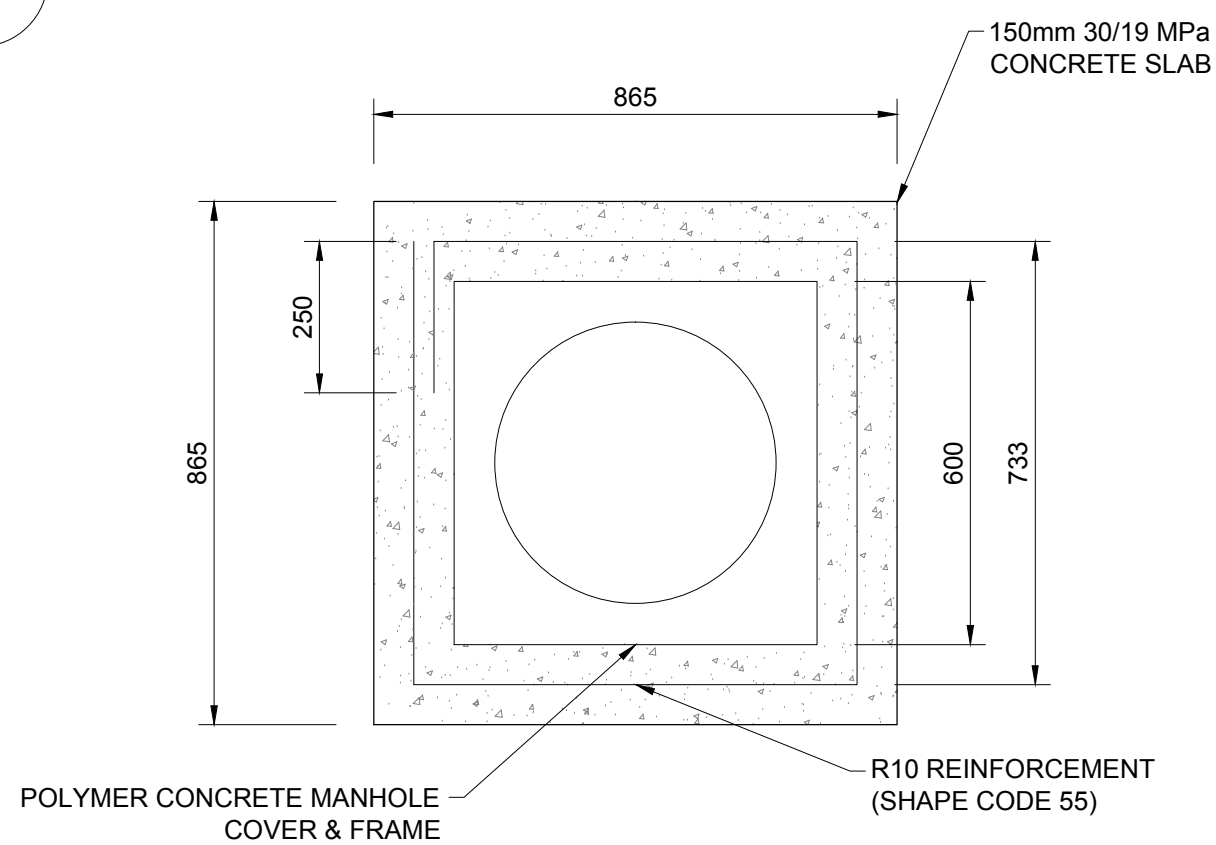
SECTION A

N.T.S.



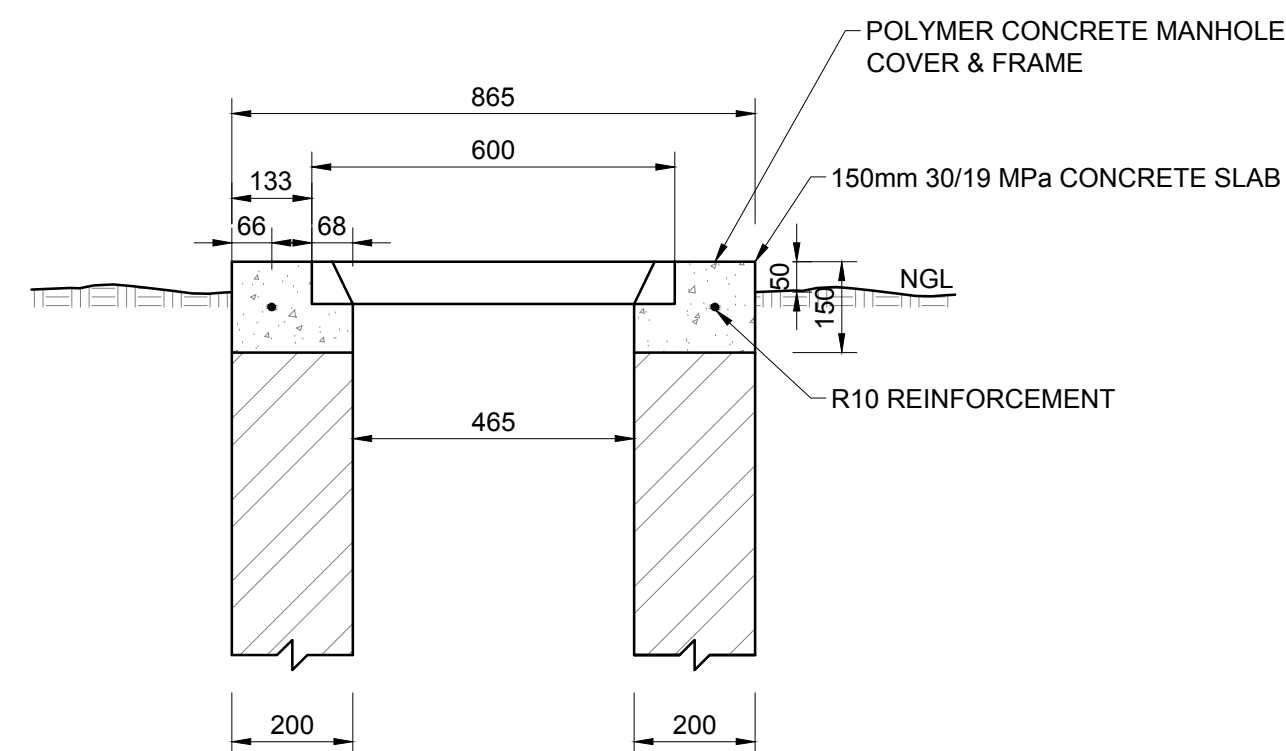
END LINE INSPECTION EYE DETAIL

N.T.S.



DETAIL A:
DETAIL OF MANHOLE COVER

N.T.S.



1. SOAK AWAYS

CONSTRUCTION OF SOAK AWAYS:

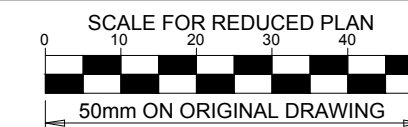
- 1.1 USE PERFORATED DRAINAGE PIPES, WITH THE SLOTS/HOLES AT THE BOTTOM, LAY IN TRENCHES OF A UNIFORM GRADIENT NOT STEEPER THAN 1:200. PERFORATED 'FLEXICOL' TYPE PIPE IS NOT ALLOWED.
- 1.1.2 THE LENGTH OF A SINGLE TRENCH SHOULD NOT EXCEED 30m.
- 1.1.3 PIPES SHOULD BE LAID ON CLEAN GRAVEL OR BROKEN GRADE 1 STONE (20mm - 50mm).
- 1.1.4 SOAK AWAY TRENCHES SHOULD BE FILLED TO A LEVEL OF 50mm ABOVE THE PIPE AND COVERED WITH A LAYER OF GEOTEXTILE MEMBRANE TO PREVENT ENTRY OF FINES.
- 1.1.5 THE REMAINDER OF THE SOAK AWAY TRENCH CAN BE FILLED WITH EXCAVATED MATERIAL.
- 1.1.6 THE SOAK AWAY AND ASSOCIATED DRAINAGE MUST COMPLY WITH SANS 0252-2 AND SANS 10400-P:2010.
- 1.1.7 THE AREA OF THE SOAK AWAY IS CALCULATED AFTER CARRYING OUT A MINIMUM OF THREE PERCOLATION TESTS IN THE PROPOSED DRAIN FIELD AREA, OVER THREE CONSECUTIVE DAYS AND APPLYING A FORMULA AS DETAILED IN SANS 10400-P: 2010.
- 1.1.8 DRAINAGE TRENCHES SHOULD BE 750mm WIDE WITH AREAS OF UNDISTURBED GROUND OF MINIMUM 3.6m WIDE BETWEEN PARALLEL TRENCHES.
- 1.1.9 A SOAK AWAY SHALL:
 - a) BE SO CONSTRUCTED AND LOCATED AS NOT TO CAUSE THE POLLUTION OF ANY SPRING, STREAM, WELL OR OTHER SOURCE OF WATER WHICH IS USED OR IS LIKELY TO BE USED, FOR DRINKING, DOMESTIC USE OR KITCHEN PURPOSES,
 - b) BE SO POSITIONED THAT THE FOUNDATIONS OF ADJACENT BUILDINGS ARE NOT ADVERSELY AFFECTED BY ITS DISCHARGE, AND
 - c) BE NOT LESS THAN 3m FROM ANY BUILDING OR BOUNDARY OF THE SITE ON WHICH IT IS SITUATED.
- 1.1.10 THE SUSCEPTIBILITY OF A WATER SOURCE TO POLLUTION DECREASES SHARPLY AS ITS DISTANCE FROM A SOAK AWAY INCREASES, EXCEPT IN AREAS WITH FISSURED ROCK, LIMESTONE OR VERY COARSE SAND. SOAK AWAY DRAINS SHOULD, WHERE POSSIBLE, BE LOCATED DOWNHILL OF A WATER SOURCE SUCH AS A BOREHOLE OR SPRING. WHERE LOCATION DOWNHILL OF SUCH WATER SOURCE IS NOT POSSIBLE, SOAK AWAYS SHOULD BE LOCATED AT LEAST 50m FROM THE WATER SOURCE
- 1.1.11 SOAK AWAYS SHOULD PREFERABLY BE CONSTRUCTED ALONG THE CONTOUR OF THE SOIL SURFACE.
- 1.1.12 LENGTH OF SOAK AWAY DETERMINED IN ACCORDANCE WITH SANS 10400-P:2010.
- 1.1.13 NO SOAK AWAY SHALL BE CONSTRUCTED:
 - a) IN GROUND THAT HAS A PERCOLATION RATE THAT EXCEEDS 30 MINUTES:(REFER TO SANS 10400-P:2010)
 - b) WHERE EFFLUENT MIGHT FLOW OUT DUE TO THE CONTOURS OF, OR THE STRATA FORMING, THE GROUND.
 - c) WHERE THE SITE TO BE AFFECTED BY SUCH EFFLUENT IS OF INSUFFICIENT SIZE TO ACCOMMODATE THE SOAKING AWAY OF THE EFFLUENT; OR
 - d) WHERE THE LEVEL OF THE WATER TABLE IS, OR MIGHT BE, SUCH AS TO PREVENT ADEQUATE PERCOLATION.

2. STRUCTURAL

- 2.1 ALL SEPTIC TANK EXCAVATION INVERTS TO BE COMPACTED TO 93% MOD AASHTO (MINIMUM).
- 2.2 ALL FLOOR AND COVER SLABS TO BE REINFORCED WITH MESH REF. 888, PLACED IN CENTER OF SLAB.
- 2.3 CONCRETE STRENGTH REQUIREMENT AT 28 DAYS: 30/19 MPa.
- 2.4 ALL 200mm BLOCK WORK TO BE FILLED WITH CONCRETE (30 MPa/19mm).

REFERENCES

ANADARKO DRAWING NO.	DRAWING DESCRIPTION
EA-MZ-CI0100-WOR-E05-00595-01	COMMUNITY FACILITIES: COMMUNITY CENTRE: WATER AND SANITATION LAYOUT SHEET 1 of 3
EA-MZ-CI0100-WOR-E05-00595-02	COMMUNITY FACILITIES: COMMUNITY CENTRE: DETAILS OF TOILET FACILITIES SHEET 2 of 3



NOTES

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A	10/09/15	LL	WWS	ISSUED FOR INTERNAL REVIEW
B	16/09/15	LL	WWS	ISSUED FOR DETAIL DESIGN
C	29/09/15	LL	WWS	ISSUED FOR SQUAD CHECK
D	06/10/15	LL	WWS	ISSUED FOR CLIENT REVIEW
E	06/11/15	LL	WWS	ISSUED FOR CLIENT APPROVAL
O	03/12/15	LL	WWS	ISSUED FOR CONSTRUCTION



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NAME	SIGNATURE	DATE
DRAWN BY: W v STADEN		03/12/2015
CHECKED: LH LOUW		03/12/2015
DESIGNER: B VAN SCHOOR		03/12/2015
PR ENG: LH LOUW 20090253		03/12/2015
PROJECT ENG MANAGER: L PADAYACHEE		03/12/2015
LOCAL PR ENG:		
CLIENT:		

CLIENT



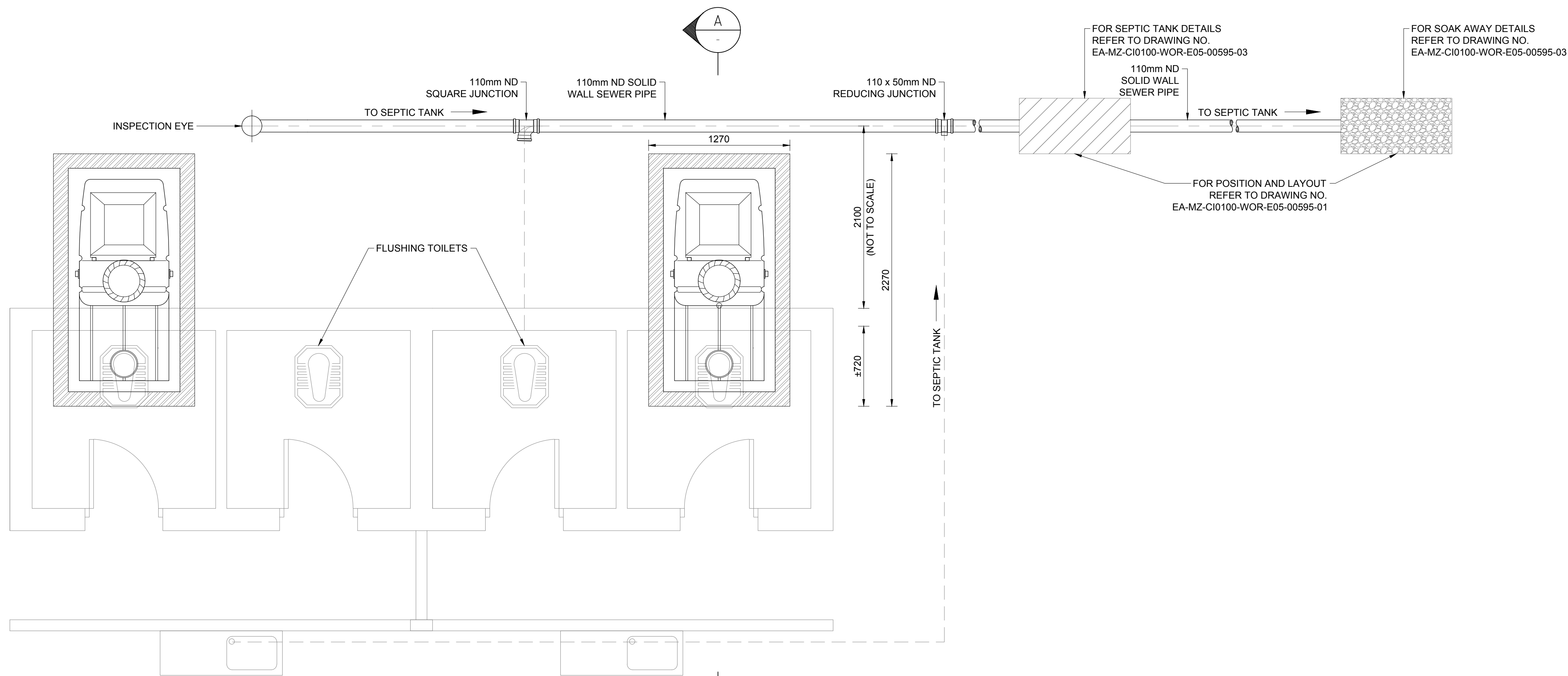
PROJECT AMA 1 RESETTLEMENT VILLAGE

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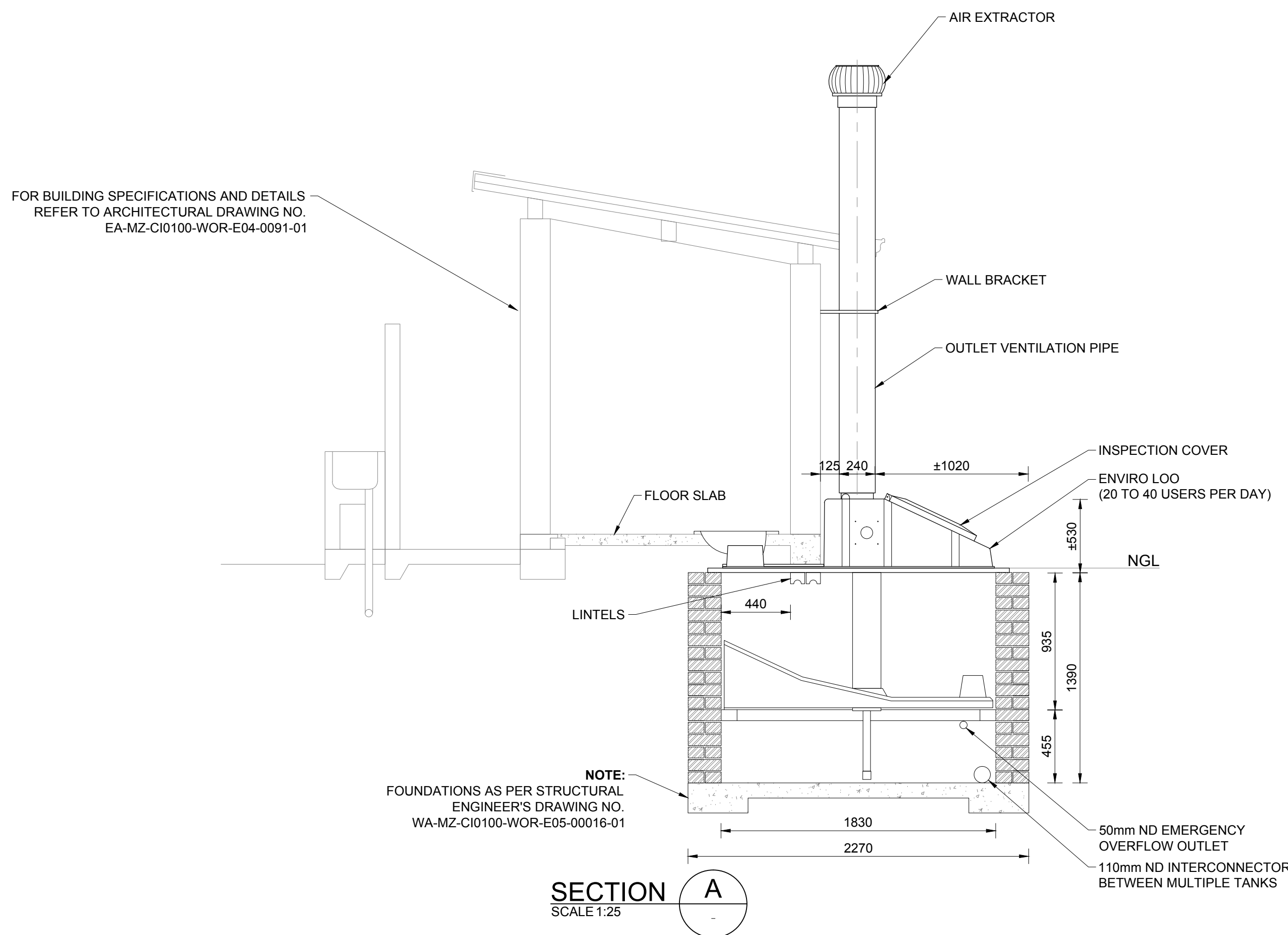
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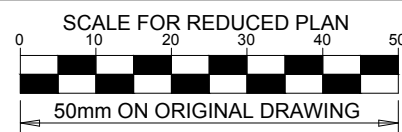
ANADARKO DRAWING NUMBER: EA-MZ-CI0100-WOR-E05-00595-03
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TYPICAL FLOOR PLAN: ENVIRO LOO (SCHEMATIC)
SCALE 1:25



REFERENCES	
ANADARKO DRAWING NO.	DRAWING DESCRIPTION
EA-MZ-CI0100-WOR-E05-00595-01	COMMUNITY FACILITIES: COMMUNITY CENTRE: WATER AND SANITATION LAYOUT SHEET 2 OF 3
EA-MZ-CI0100-WOR-E05-00595-03	COMMUNITY FACILITIES: COMMUNITY CENTRE: DETAILS OF SEPTIC TANK INSTALLATION SHEET 3 OF 3
EA-MZ-CI0100-WOR-E05-00111-01	COMMUNITY FACILITIES: COMMUNITY CENTRE: TOILETS: INTERNAL RETICULATIONS



NOTES

- ENVIRO LOO SUITABLE FOR INDUSTRIAL USE CAPACITY PER ENVIRO LOO, 20 TO 40 USERS PER DAY.
- ENVIRO LOO TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

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B	16/09/15	LL	CS	ISSUED FOR DETAIL DESIGN
C	30/09/15	LL	WVS	ISSUED FOR SQUAD CHECK
D	06/10/15	LL	WVS	ISSUED FOR CLIENT REVIEW
E	06/11/15	LL	WVS	ISSUED FOR CLIENT APPROVAL
O	03/12/15	LL	WVS	ISSUED FOR CONSTRUCTION



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	NAME	SIGNATURE	DATE
DRAWN BY:	W v STADEN		03/12/2015
CHECKED:	L LOUW		03/12/2015
DESIGNER:	L LOUW		03/12/2015
PR ENG:	L LOUW 20090253		03/12/2015
PROJECT ENG. MANAGER:	L PADAYACHEE		03/12/2015
LOCAL PR ENG:			
CLIENT:			

CLIENT



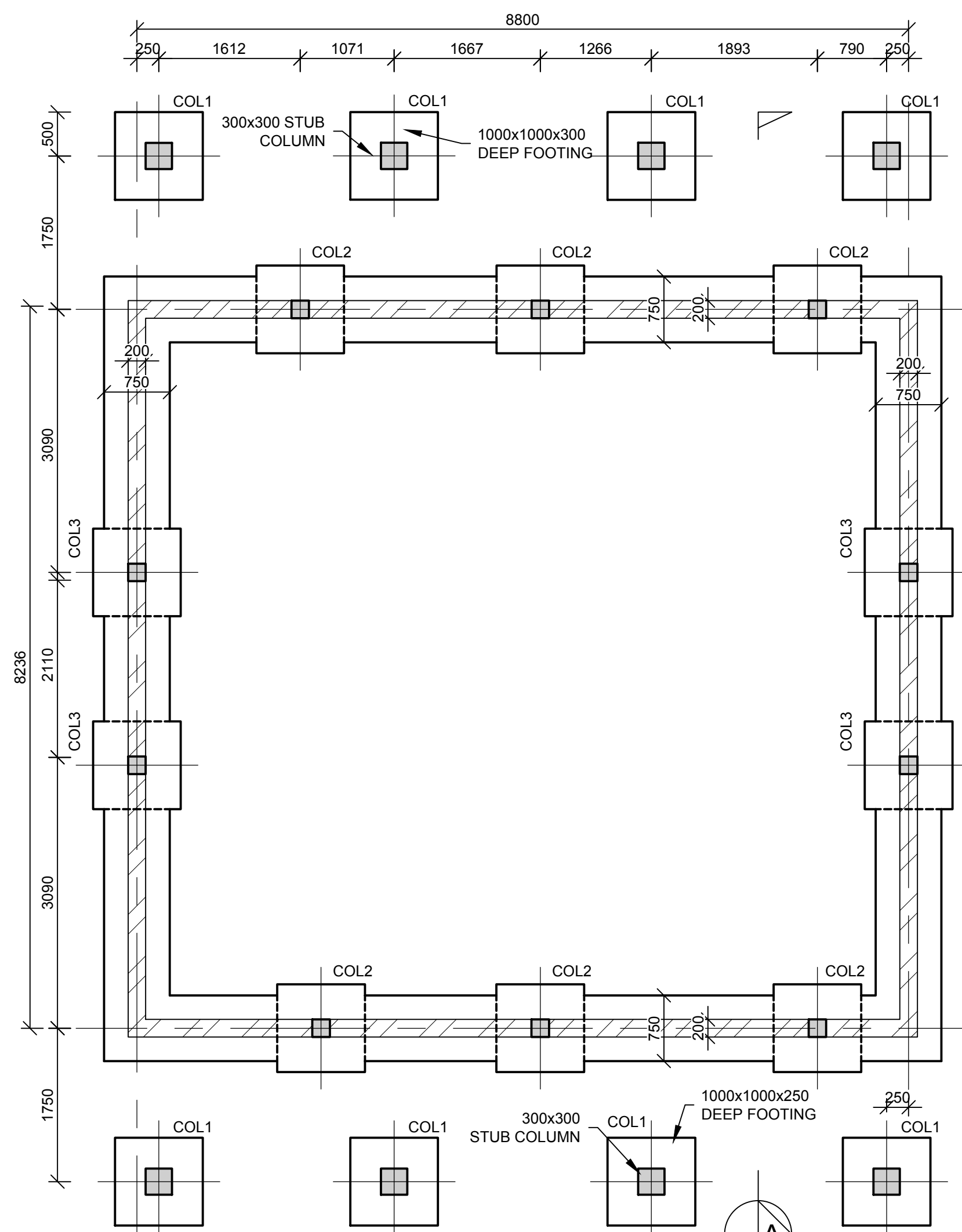
PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
COMMUNITY FACILITIES
COMMUNITY CENTRE:
DETAILS OF TOILET
FACILITIES
SHEET 2 OF 3

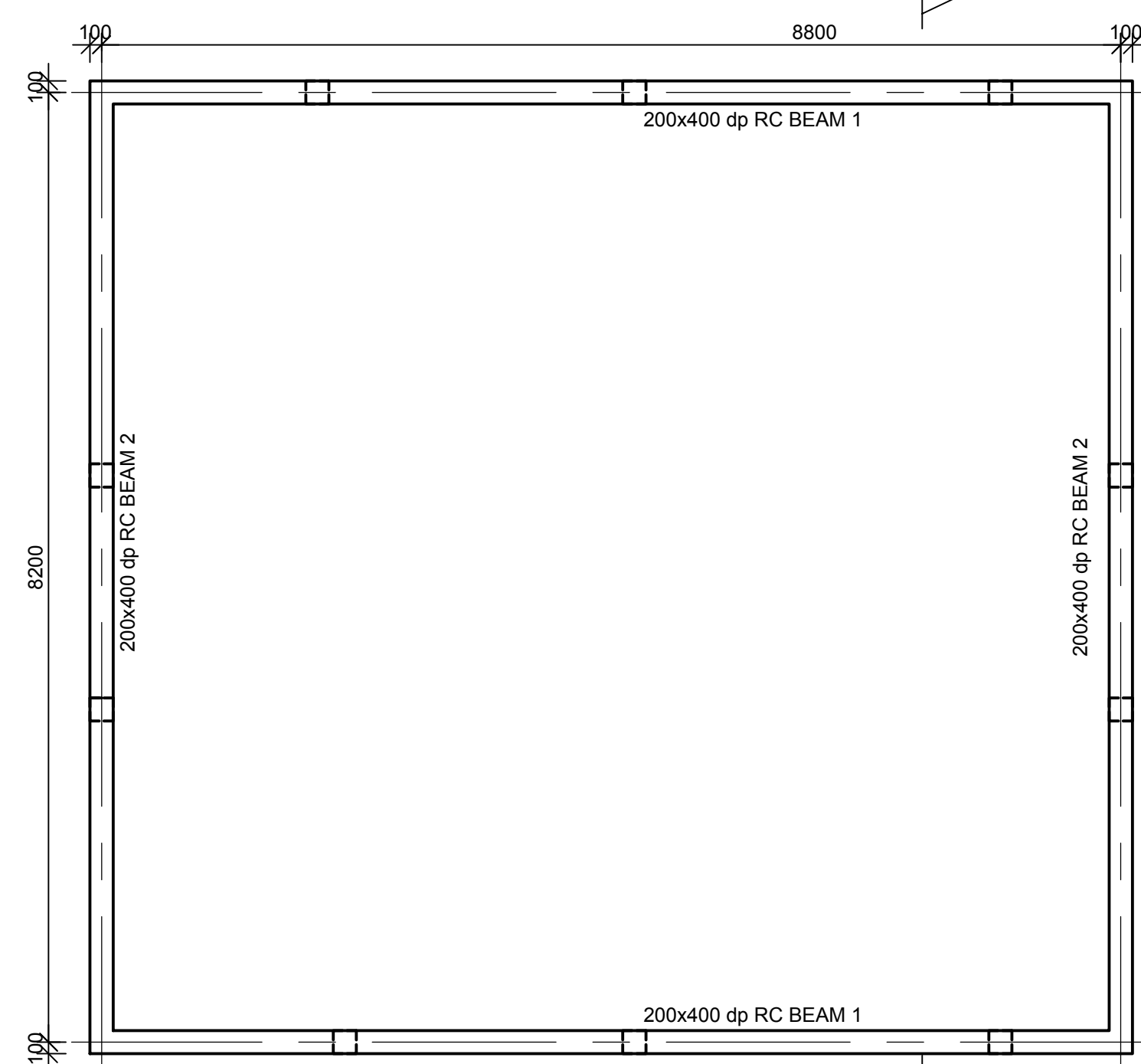
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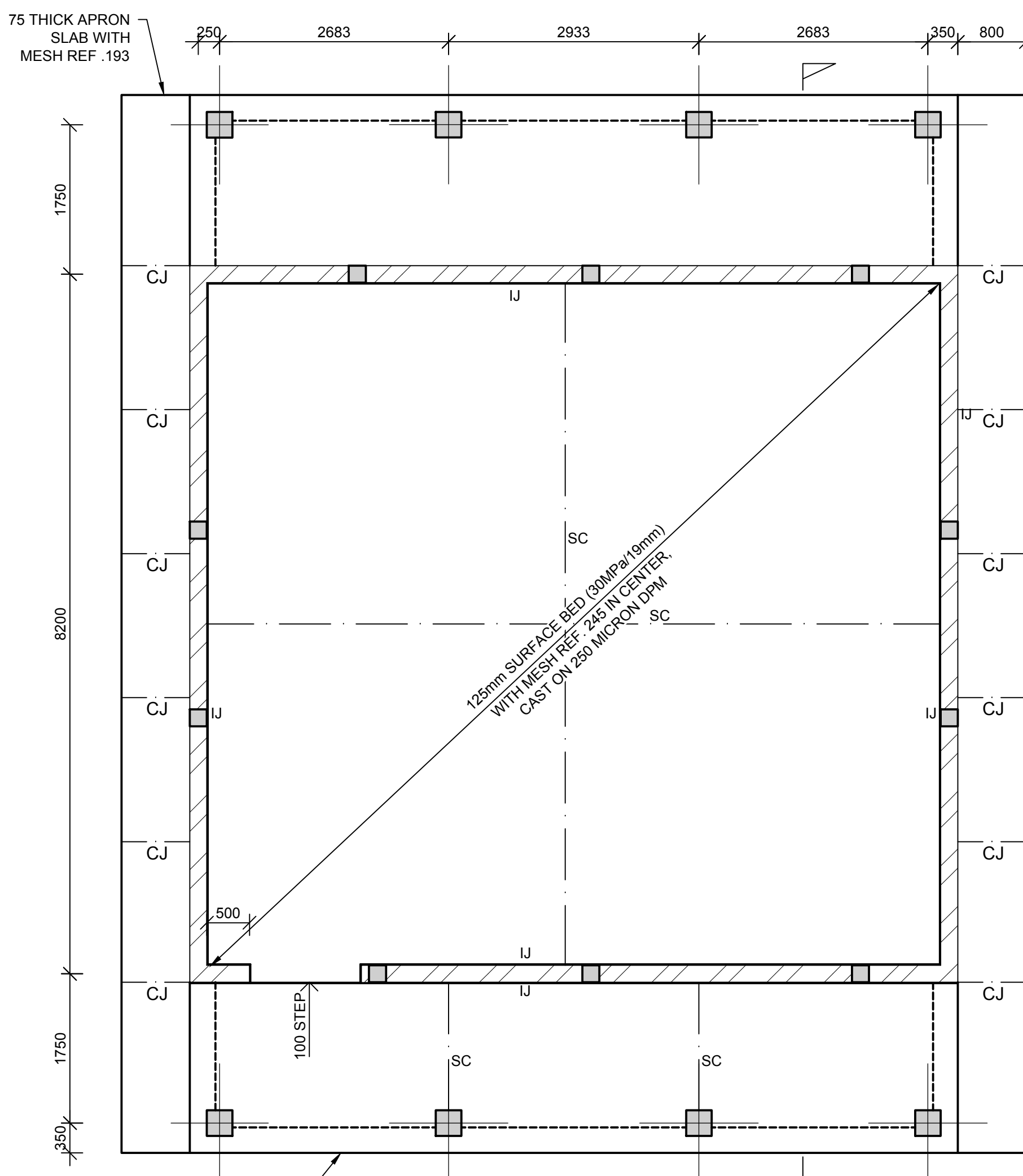
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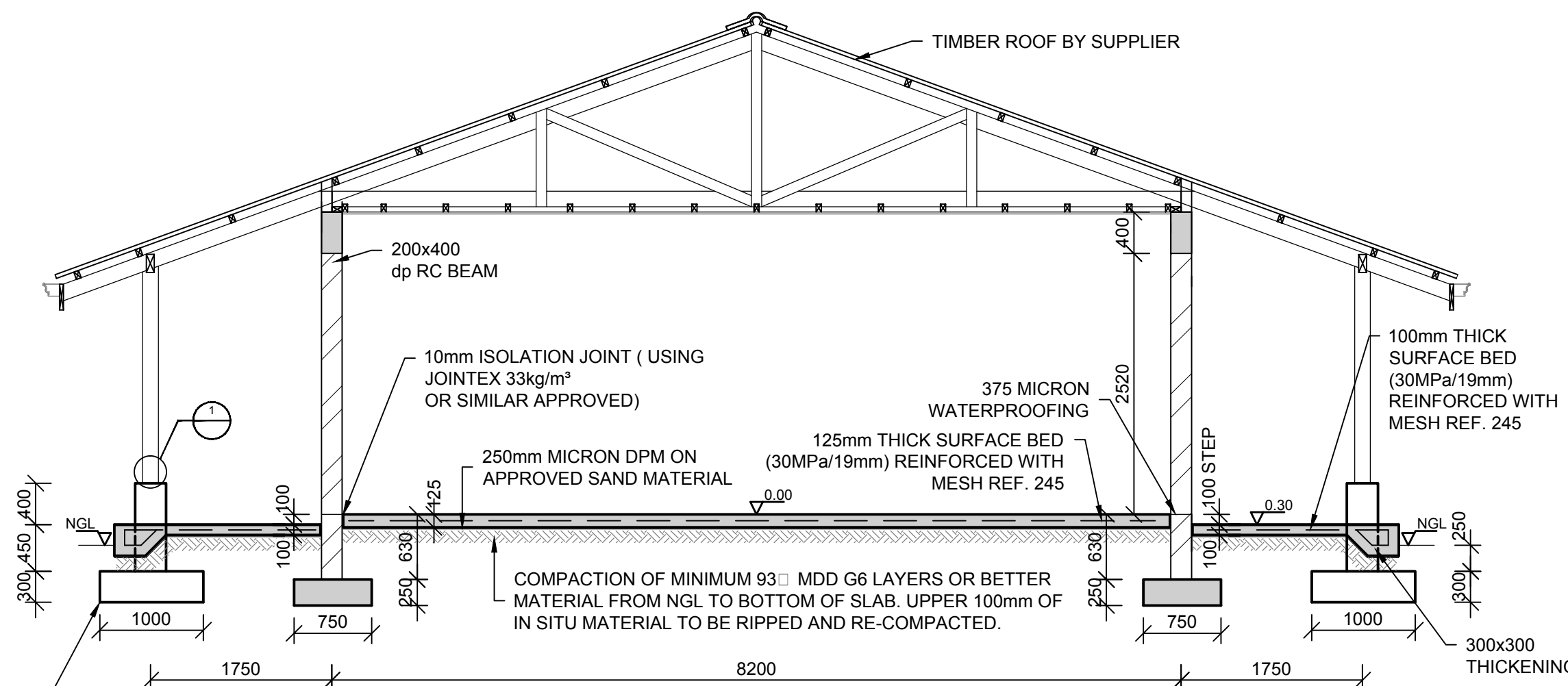
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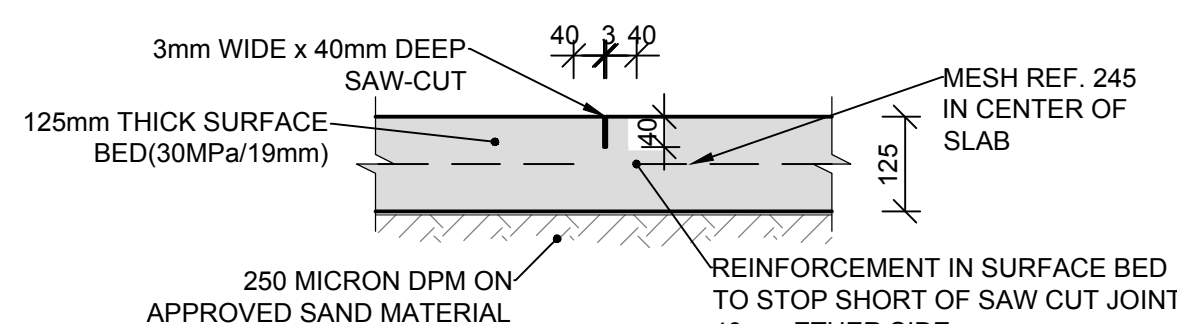
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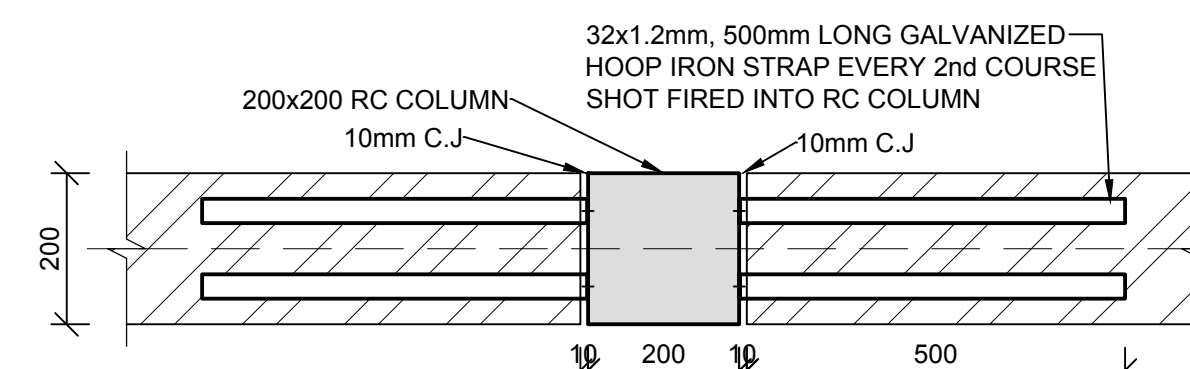
SURFACE BED LAYOUT
SCALE: 1:50



SECTION A
SCALE 1:10



TYPICAL SAW-CUT JOINT (SC)
SCALE 1:10



TYPICAL HOOP IRON JOINT
SCALE 1:10

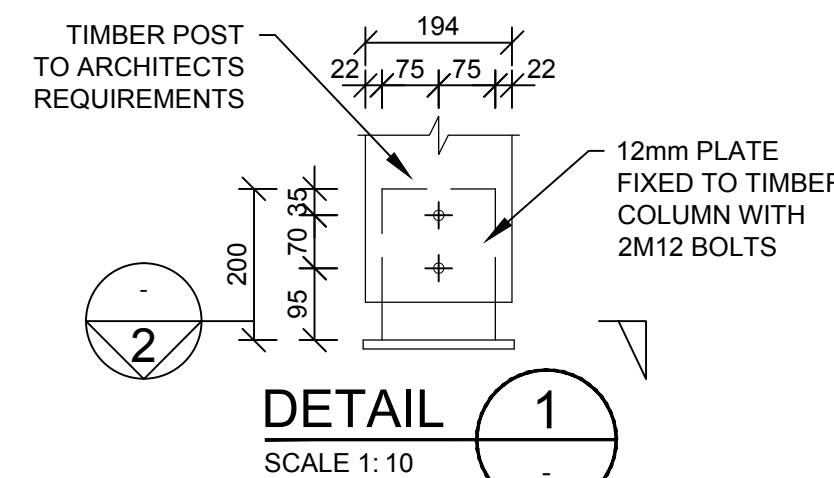
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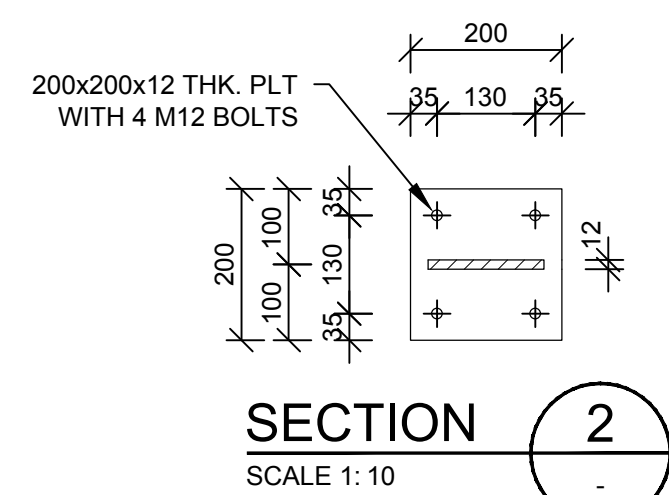
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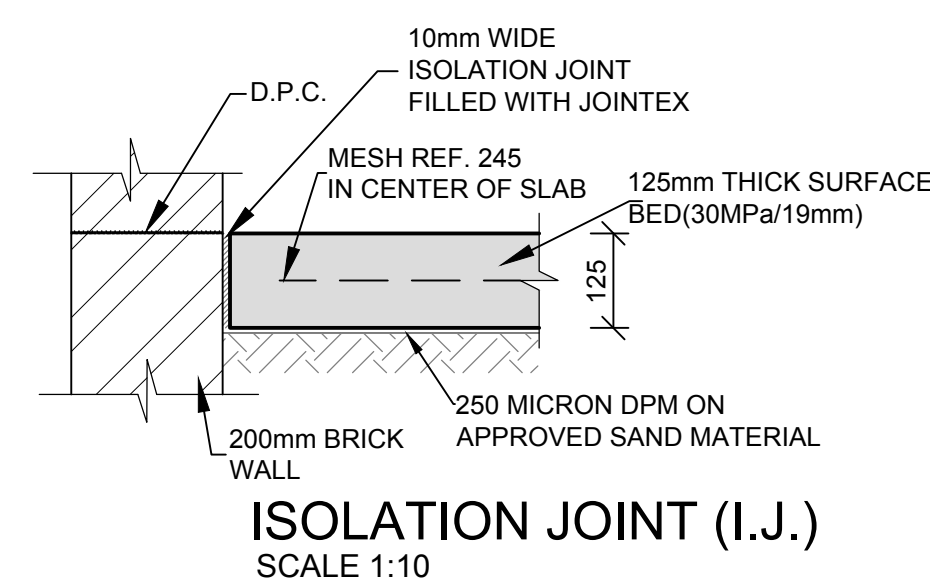
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ALL COLUMNS ARE CENTERED ON BASES,
UNLESS INDICATED OTHERWISE



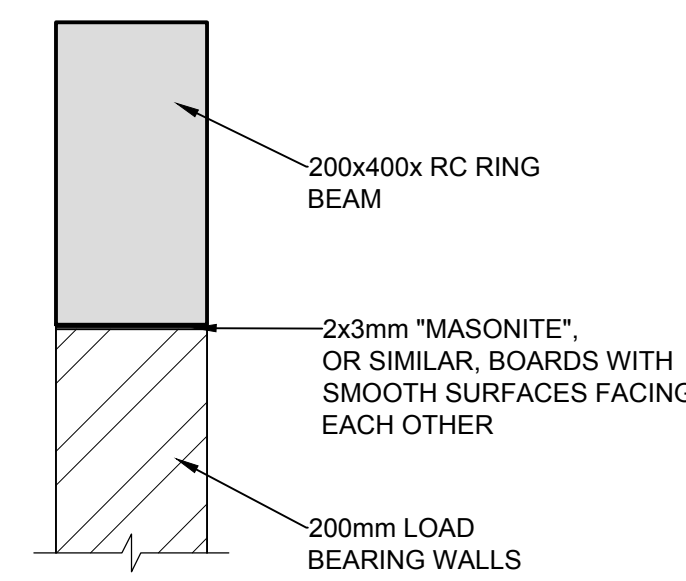
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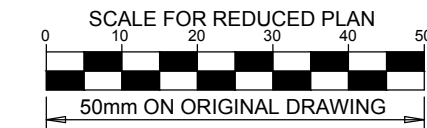
SECTION 2
SCALE 1:10



ISOLATION JOINT (I.J.)
SCALE 1:10



TYPICAL BEAM/WALL CONNECTION
SCALE 1:10



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI0000-WOR-B18-00001-01

REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E04-01113-01

REFER TO REINFORCEMENT DRAWING
EA-MZ-CI0100-WOR-E05-00518-01

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REVISIONS

NO.	DATE	CHECKED	DONE BY	DESCRIPTION
A	07/09/15	TS	NR	ISSUED FOR INTERNAL REVIEW
B	03/08/15	TS	NR	ISSUED FOR DETAIL DESIGN
C	11/08/15	TS	NR	ISSUED FOR SQUAD CHECK
C1	04/09/15	TS	NR	RE-ISSUED FOR SQUAD CHECK
D	29/09/15	TS	NR	ISSUED FOR CLIENT REVIEW
E	17/11/15	TS	NR	ISSUED FOR CLIENT APPROVAL
0	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION

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NAME	SIGNATURE	DATE
DRAWN BY: N ROBINSON	<i>N Robinson</i>	03/12/15
CHECKED: T SNYDERS	<i>T Snyder</i>	03/12/15
DESIGNER: T SNYDERS	<i>T Snyder</i>	03/12/15
PR ENG: I ROBINSON	<i>I Robinson</i>	03/12/15
PROJECT ENG MANAGER: L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG:		
CLIENT:		



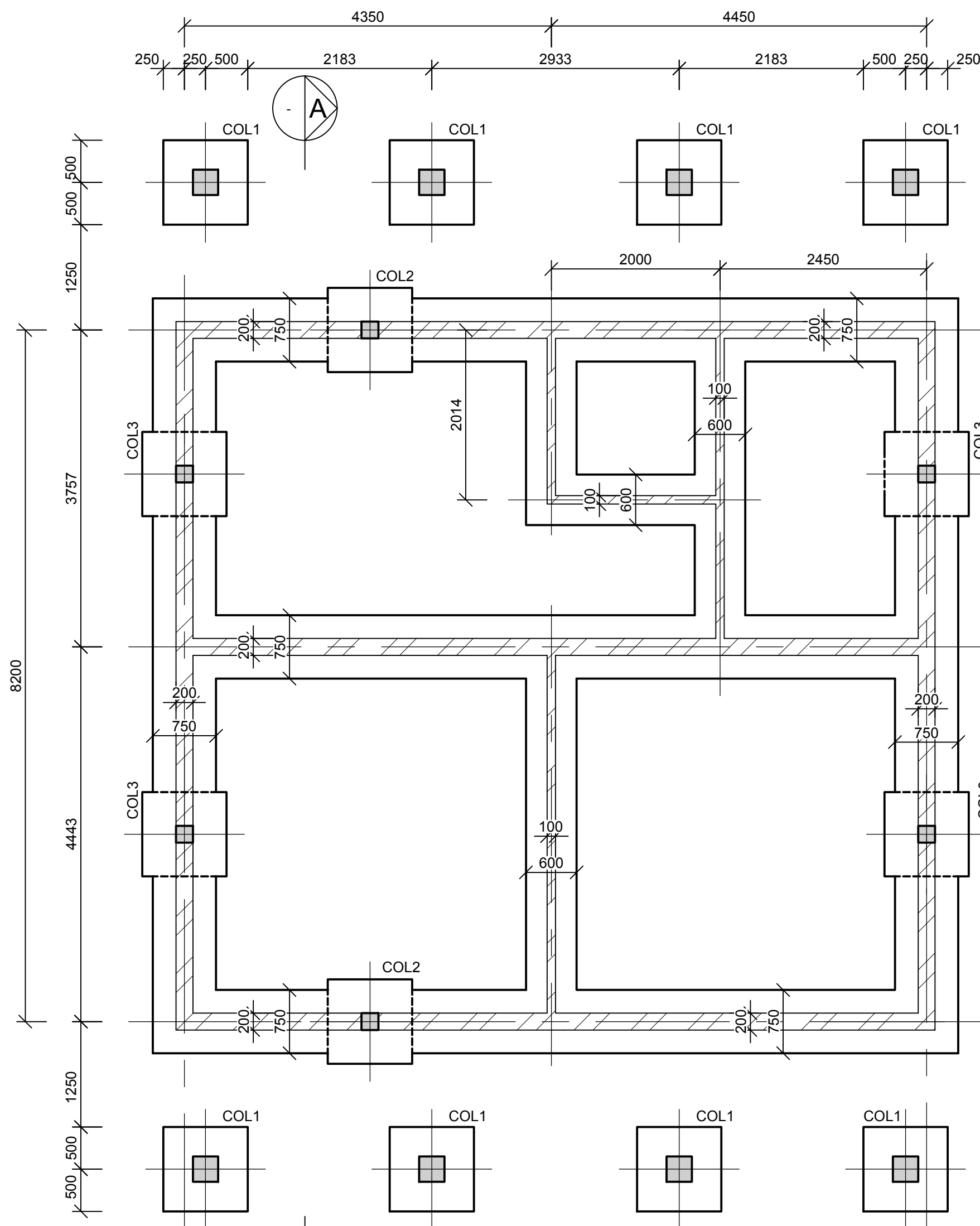
Anadarko
Moçambique Área 1, Lda

PROJECT
AMA 1
RESETTLEMENT
VILLAGE

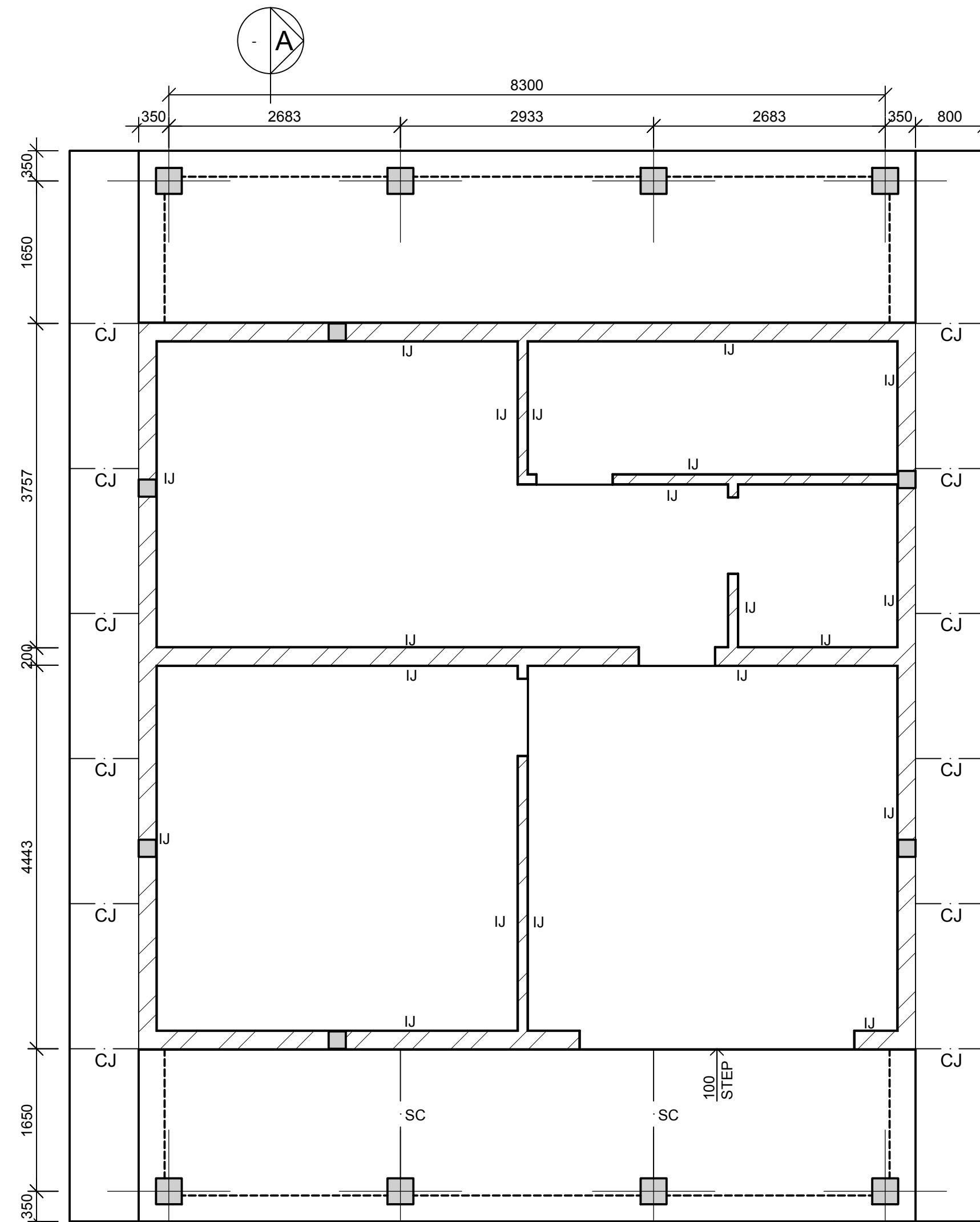
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COMMUNITY CENTER
CLASSROOM

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ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00558-01	



FOUNDATION LAYOUT
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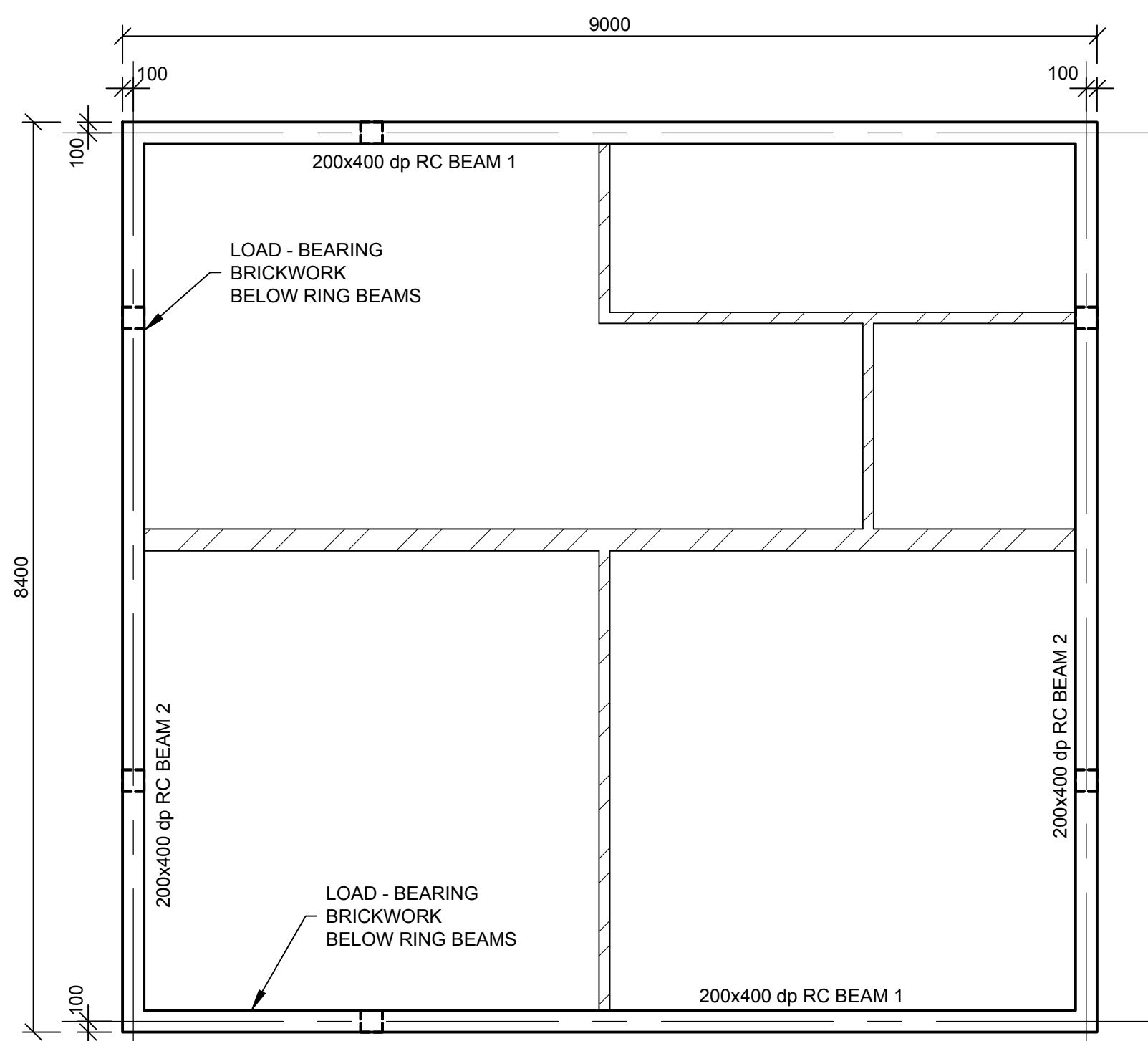


SURFACE BED LAYOUT
SCALE: 1:50

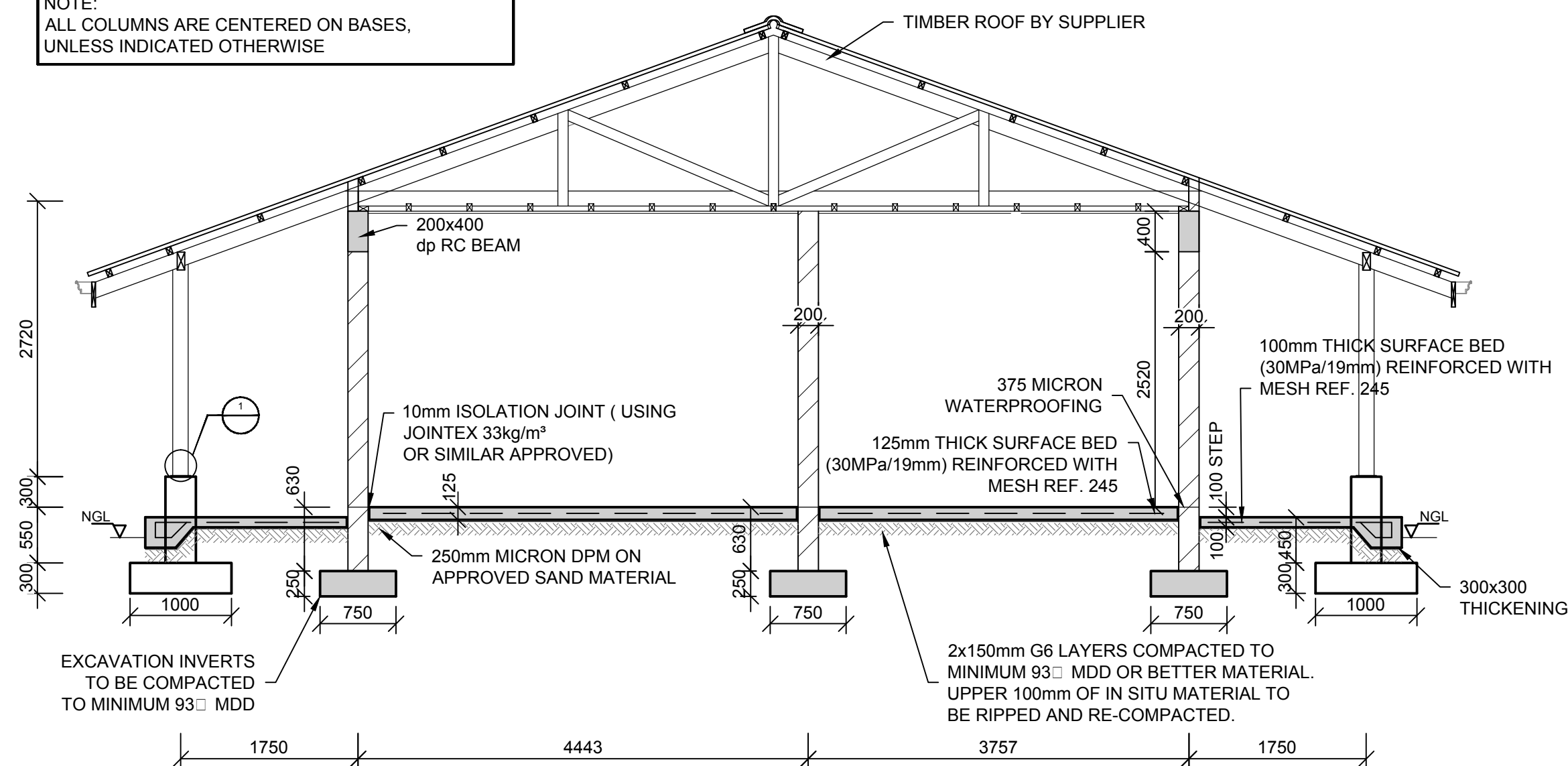
LEGEND : COLUMNS & BASES

COL 1	300x300mm COL, 1000x1000x300mm BASE TO LEVEL T.O.C. = 0.30m
COL 2	200x200mm COL, 1000x1000x300mm BASE TO LEVEL T.O.C. = 2.92m
COL 3	200x200mm COL, 1000x1000x300mm BASE TO LEVEL T.O.C. = 4.00m

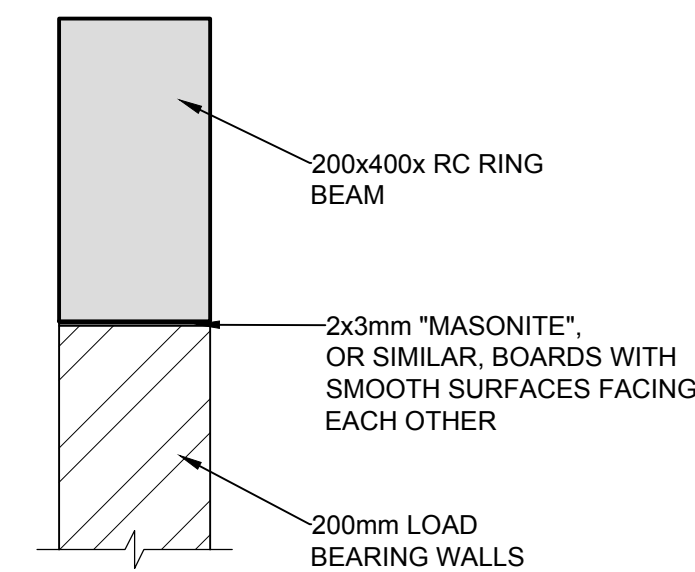
NOTE:
ALL COLUMNS ARE CENTERED ON BASES, UNLESS INDICATED OTHERWISE



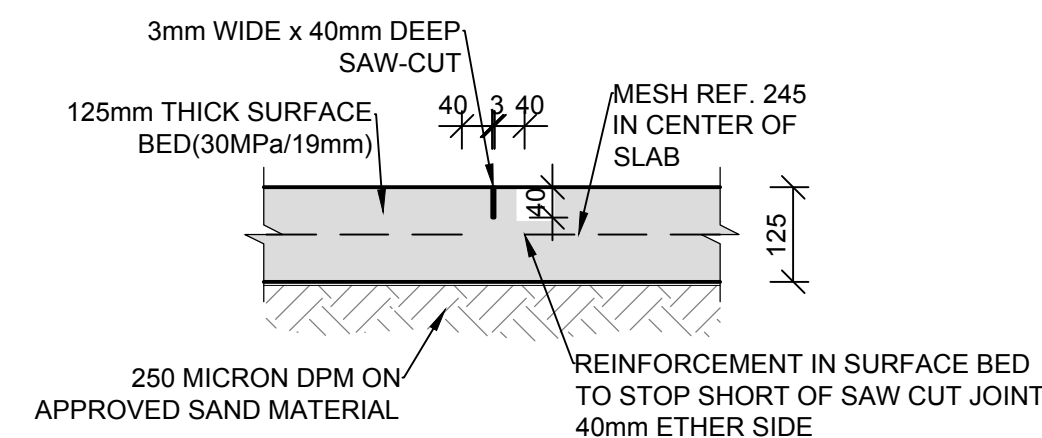
RING BEAM LAYOUT
SCALE: 1:50



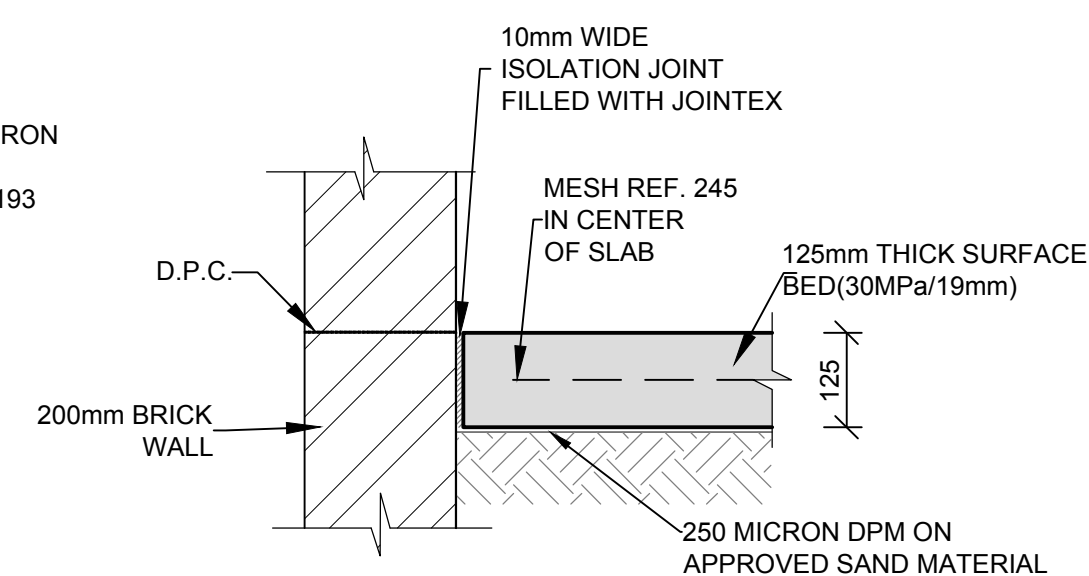
SECTION A
SCALE 1: 10



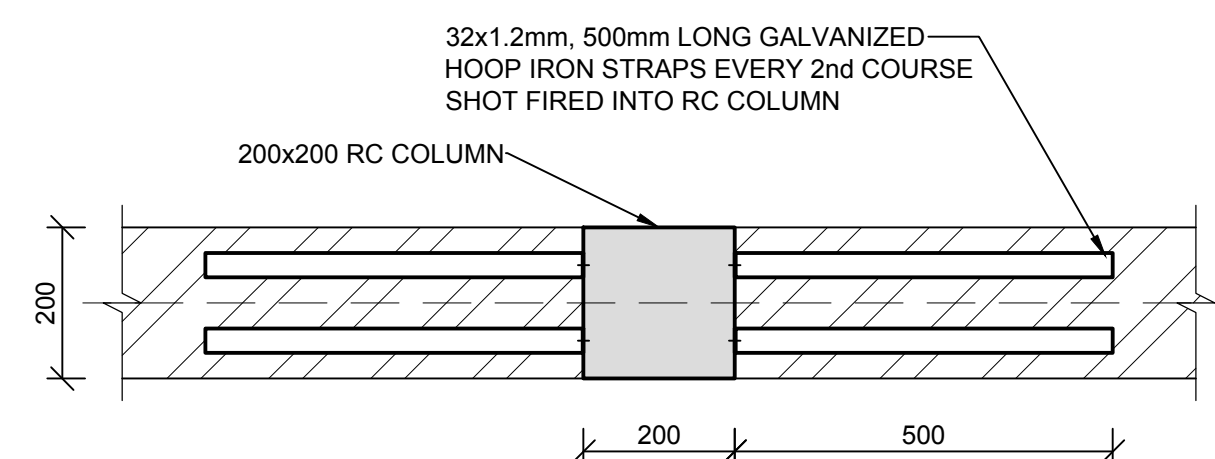
TYPICAL BEAM/WALL CONNECTION
SCALE 1:10



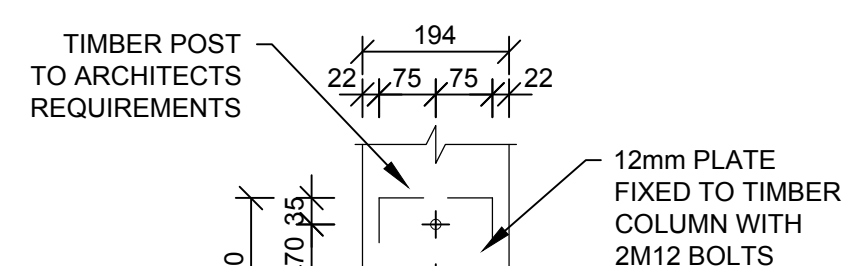
TYPICAL SAW-CUT JOINT (SC)



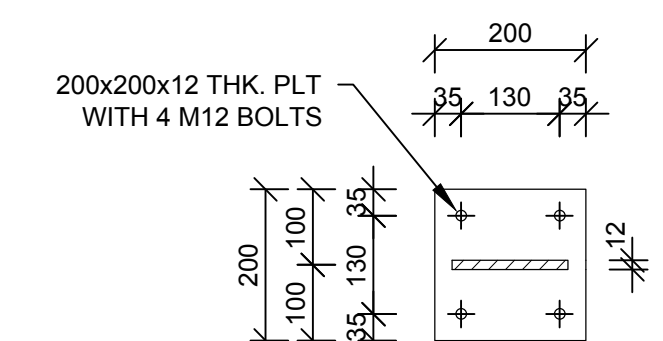
ISOLATION JOINT (I.J.)
SCALE 1:10



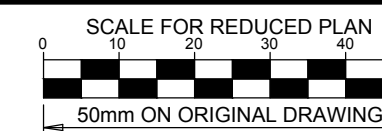
TYPICAL HOOP IRON JOINT
SCALE 1:10



DETAIL 1
SCALE 1: 10



SECTION 2
SCALE 1: 10



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI0000-WOR-B18-00001-01

REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E04-01111-01

REFER TO REINFORCEMENT DRAWING
EA-MZ-CI0100-WOR-E05-00517-01

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B	03/08/15	TS	NR	ISSUED FOR DETAIL DESIGN
C	11/08/15	TS	NR	ISSUED FOR SQUAD CHECK
C1	04/09/15	TS	NR	RE-ISSUED FOR SQUAD CHECK
D	29/09/15	TS	NR	ISSUED FOR CLIENT REVIEW
E	17/11/15	TS	NR	ISSUED FOR CLIENT APPROVAL
0	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION

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NAME	SIGNATURE	DATE
DRAWN BY: N ROBINSON	<i>N Robinson</i>	03/12/15
CHECKED: T SNYDERS	<i>T Snyder</i>	03/12/15
DESIGNER: T SNYDERS	<i>T Snyder</i>	03/12/15
PR ENG: I ROBINSON	<i>I Robinson</i>	03/12/15
PROJECT ENG MANAGER: L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG:		
CLIENT:		

CLIENT

MOZAMBIQUE
GAS DEVELOPMENT PROJECT

Anadarko
Moçambique Área 1, Lda

PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**COMMUNITY CENTER
ADMINISTRATION
BUILDING**

SCALE AS SHOWN ORIGINAL DWG SIZE A1	DATE DEC 2015
DRAWING NUMBER C00290-00-ST-DRD-0010-001	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00557-01	



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI000-WOR-B18-00001-01

REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E04-01112-01

REFER TO REINFORCEMENT DRAWING
EA-MZ-CI0100-WOR-E05-00516-01

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0	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION

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DESIGNER: T SNYDERS	<i>T Snymers</i>	03/12/15
PR ENG: I ROBINSON	<i>I Robinson</i>	03/12/15
PROJECT ENG MANAGER: L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



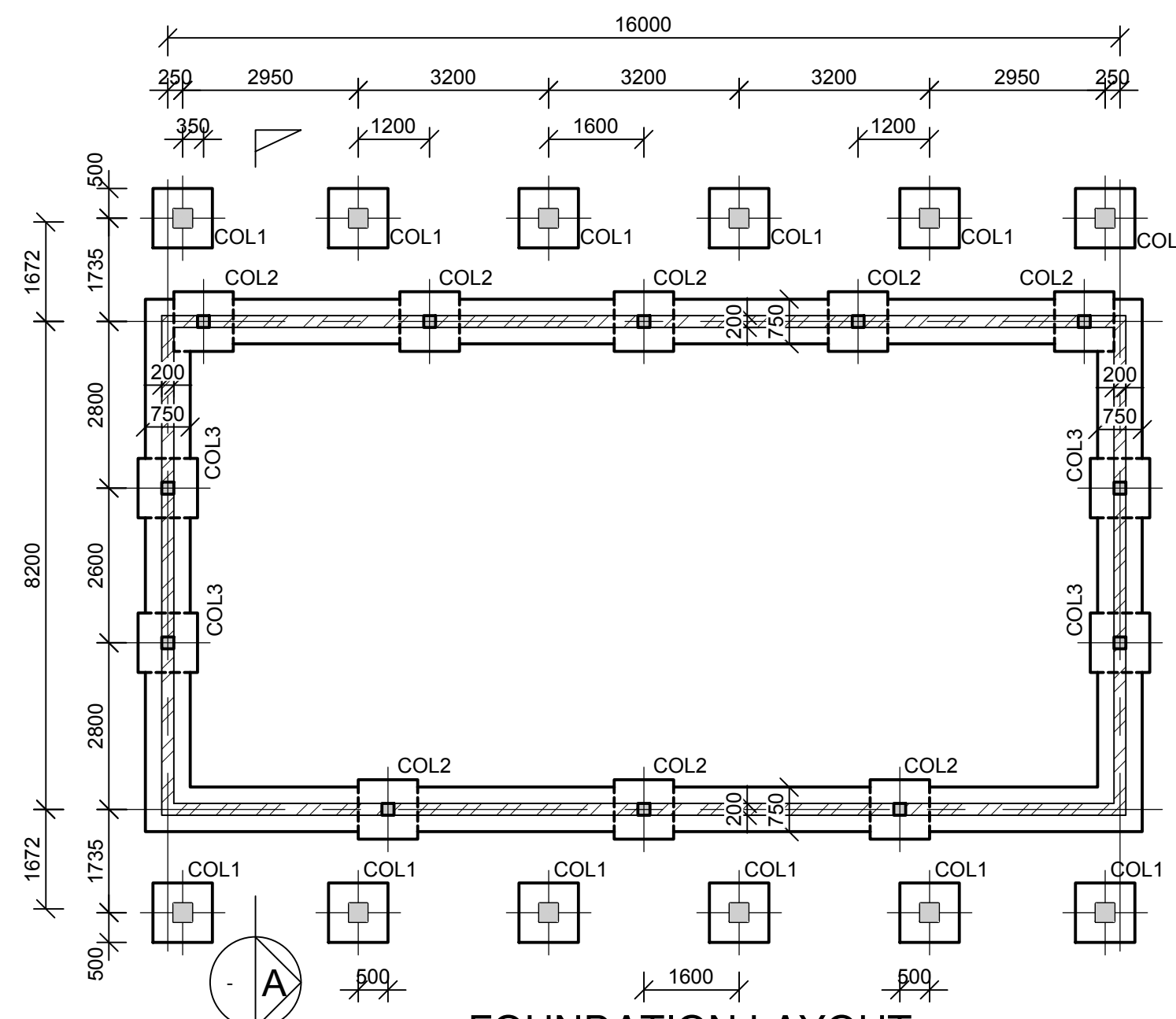
PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**COMMUNITY CENTER
COMMUNITY HALL**

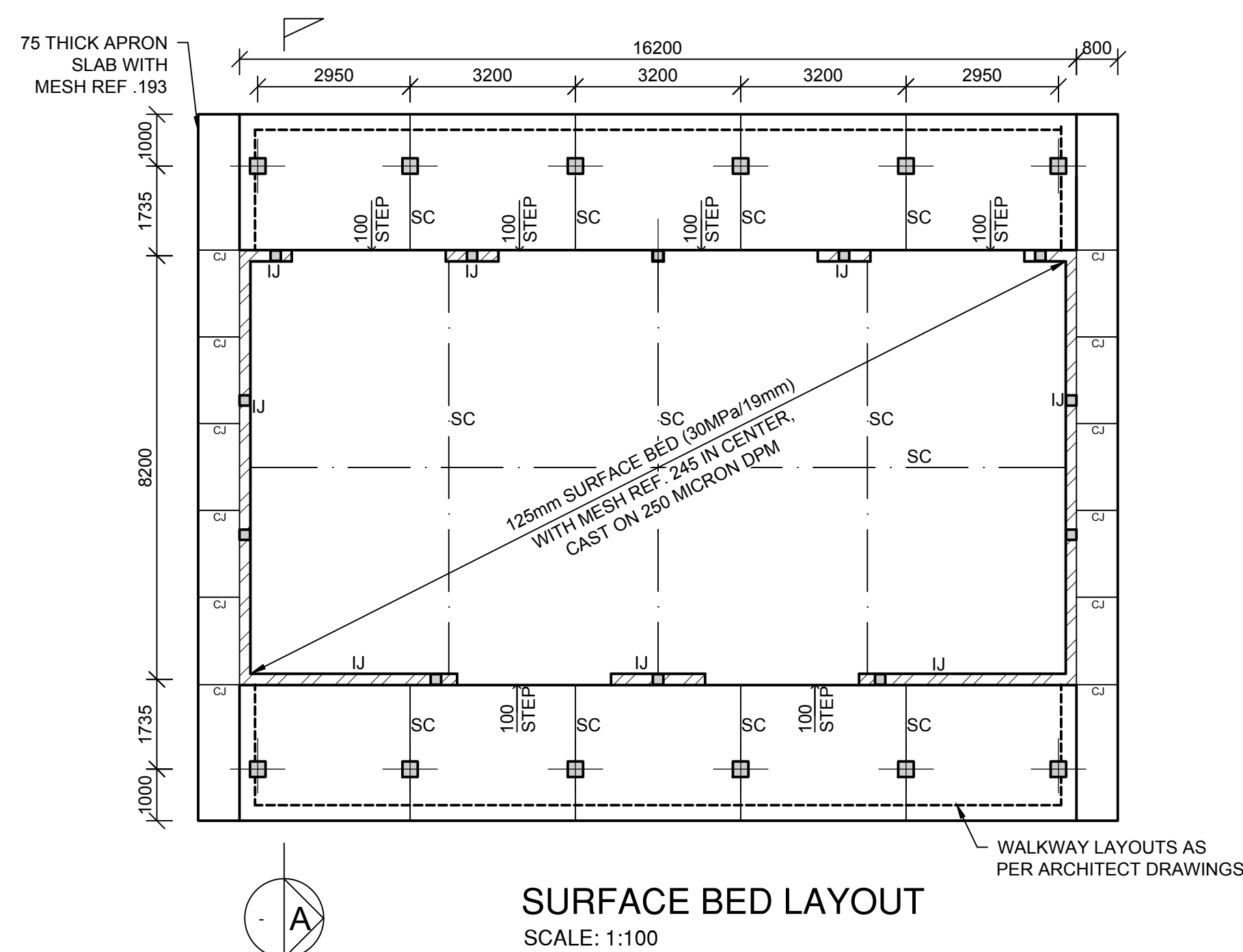
SCALE AS SHOWN ORIGINAL DWG SIZE A1	DATE DEC 2015
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DRAWING NUMBER C00290-00-ST-DRD-0009-001	REV NO 0
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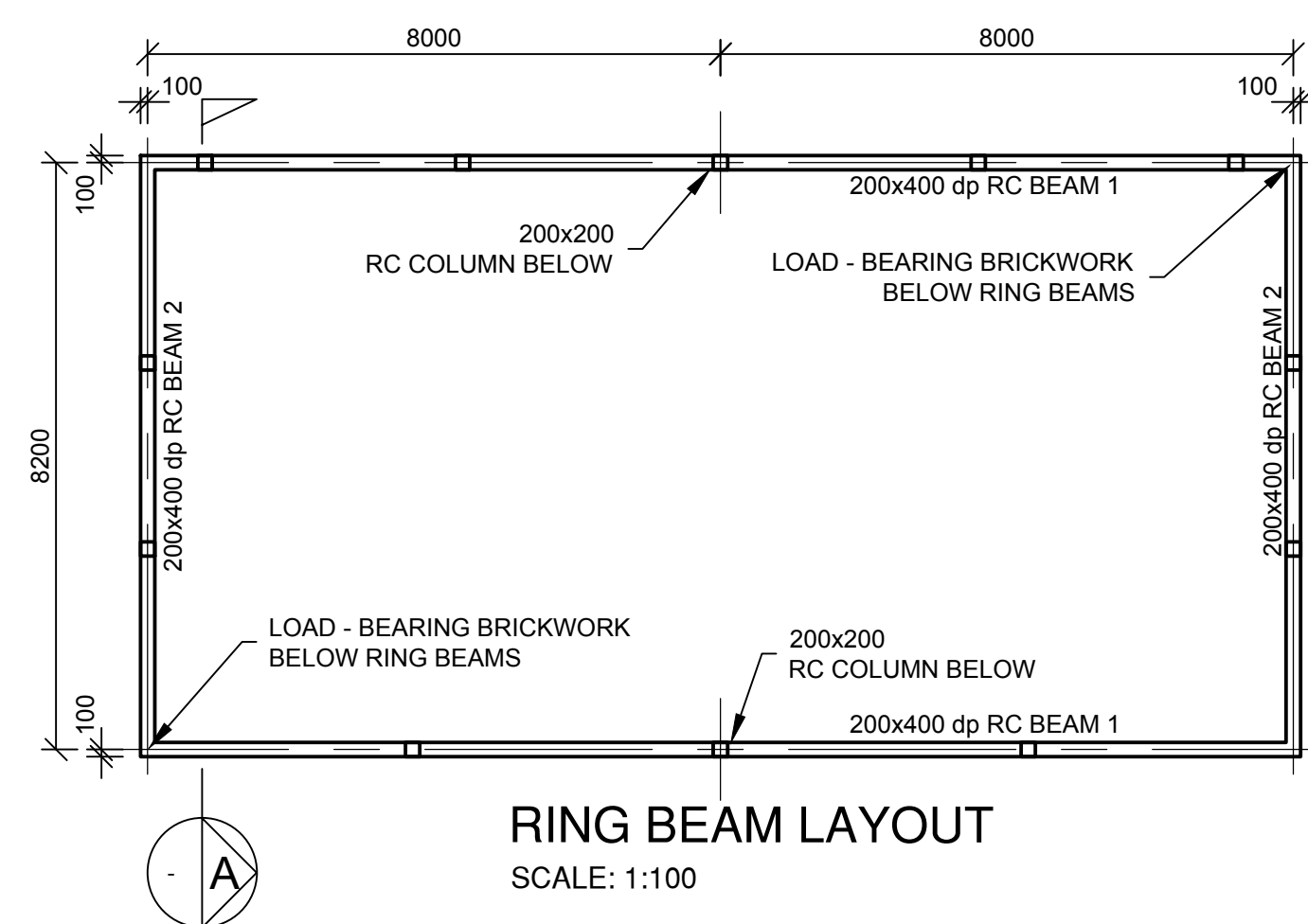
ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E05-00556-01



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SCALE: 1:100

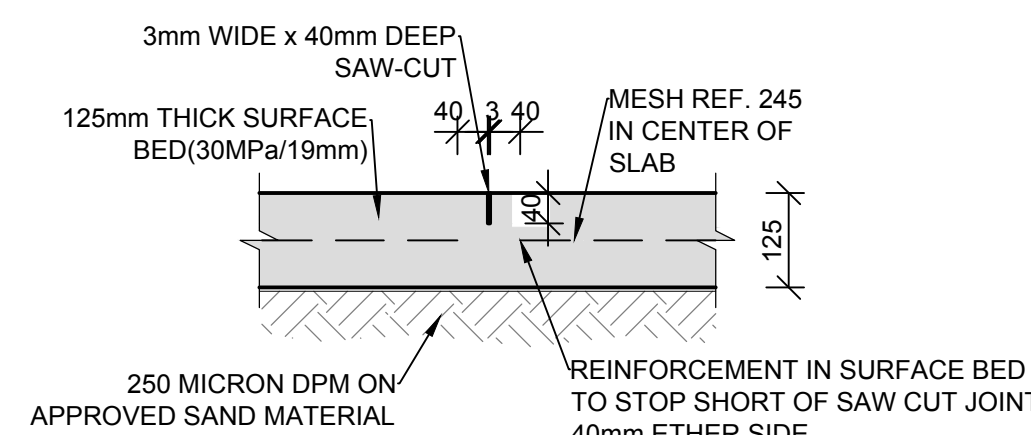
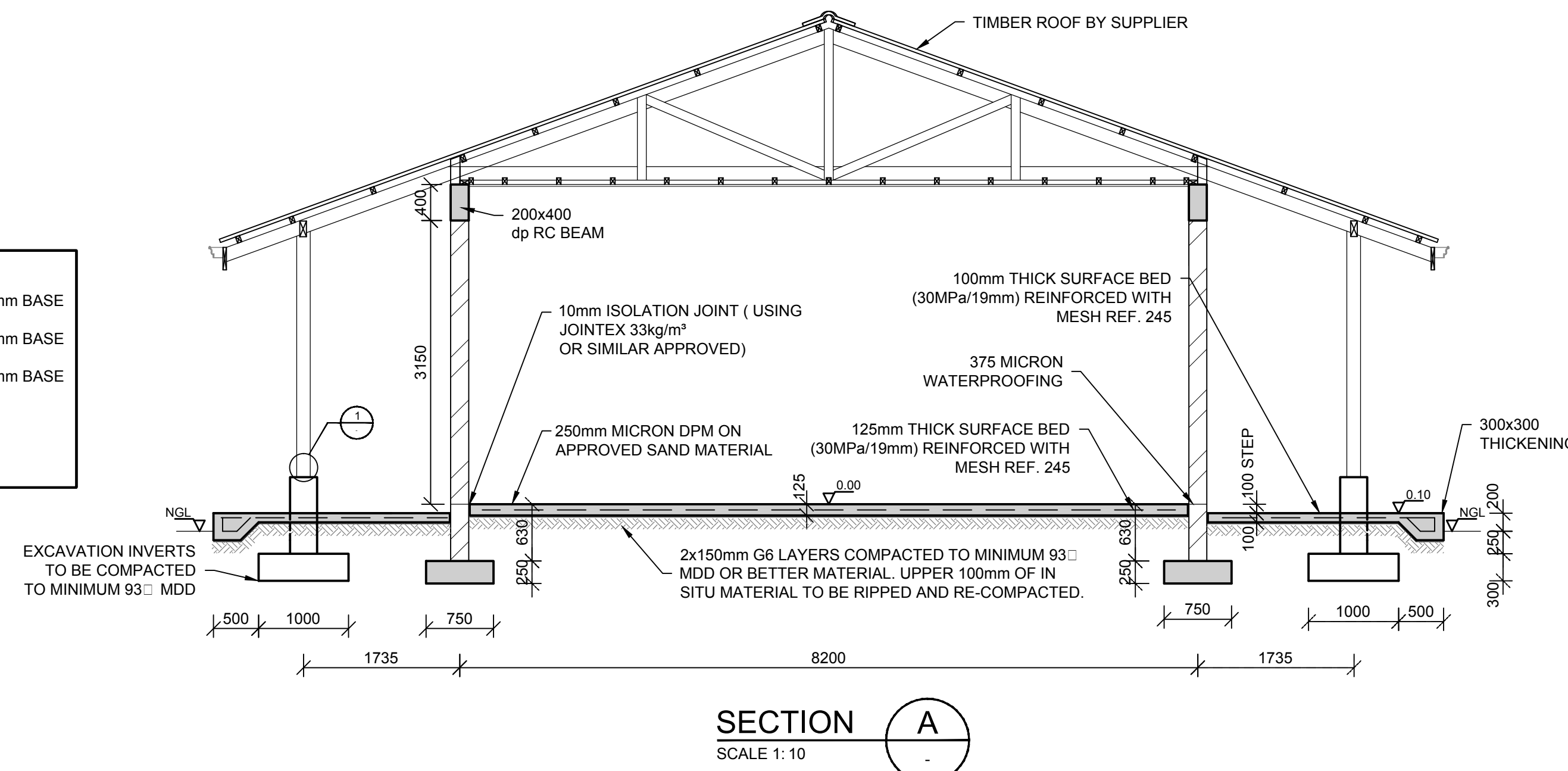


SURFACE BED LAYOUT
SCALE: 1:100

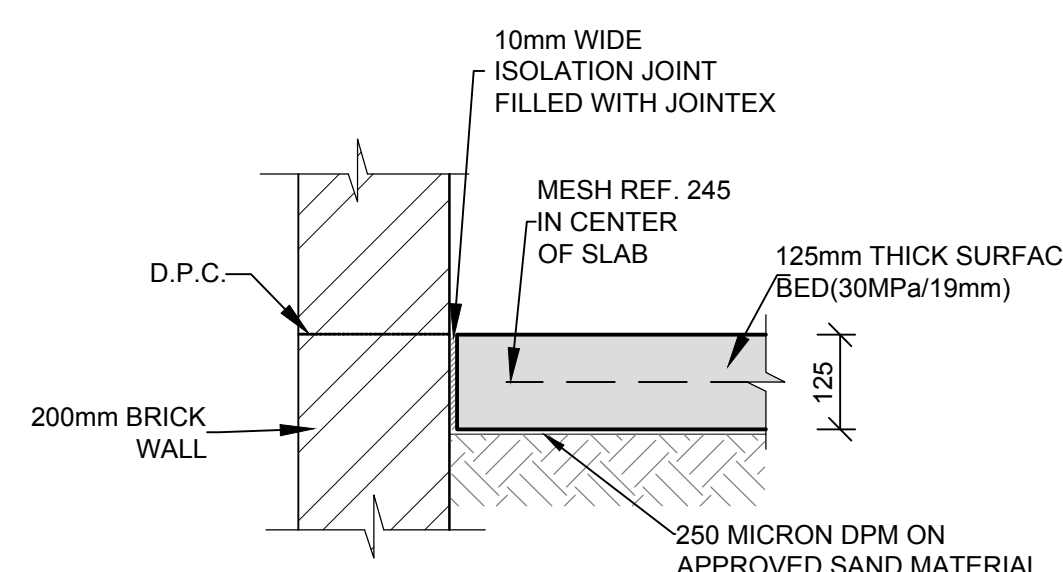


RING BEAM LAYOUT
SCALE: 1:100

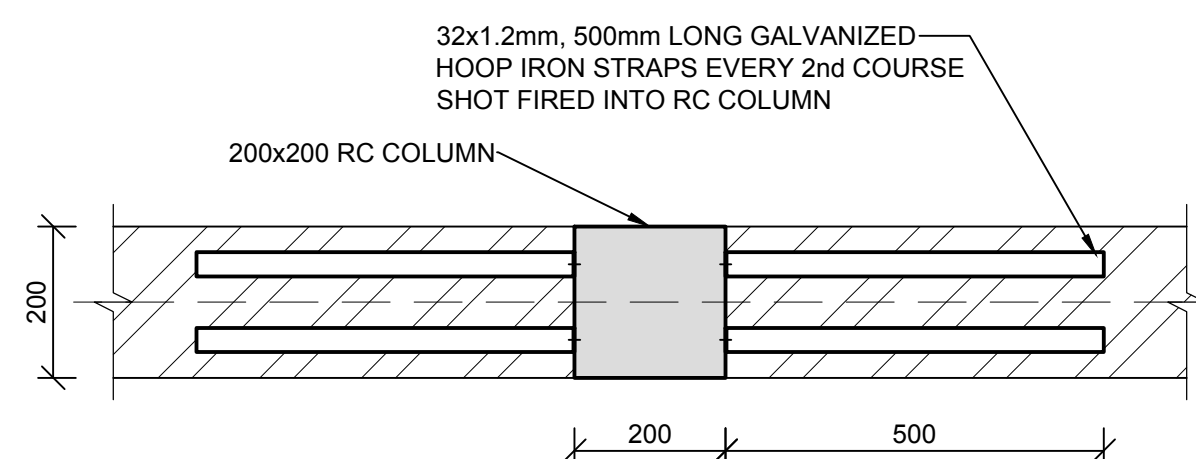
LEGEND : COLUMNS & BASES
COL 1 300x300mm COL, 1000x1000x300mm BASE
TO LEVEL T.O.C. = 0.30m
COL 2 200x200mm COL, 1000x1000x300mm BASE
TO LEVEL T.O.C. = 3.55m
COL 3 200x200mm COL, 1000x1000x300mm BASE
TO LEVEL T.O.C. = 4.70m
NOTE:
ALL COLUMNS ARE CENTERED ON BASES,
UNLESS INDICATED OTHERWISE



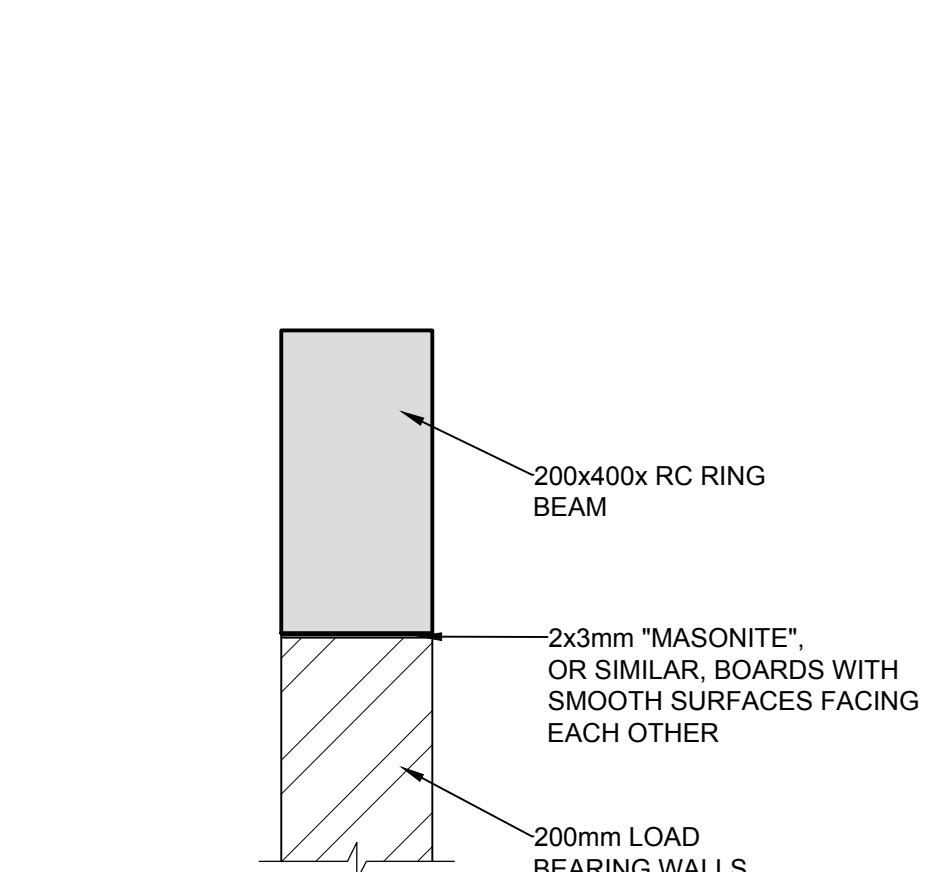
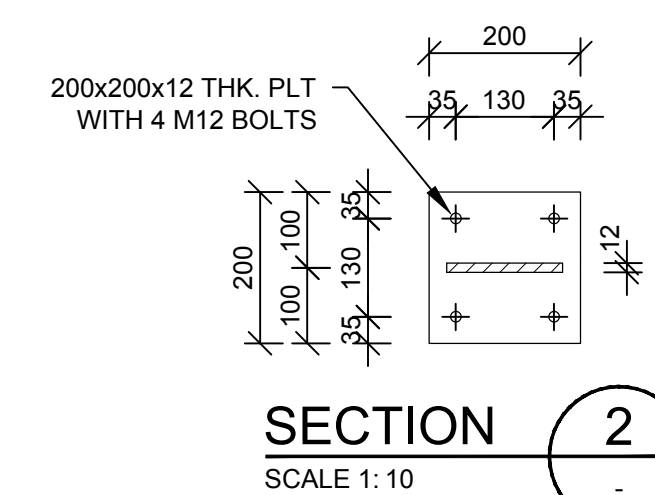
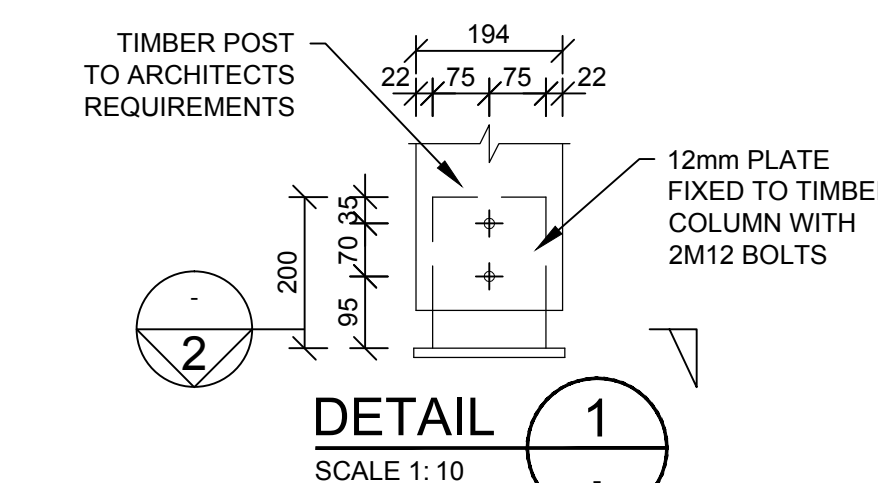
TYPICAL SAW-CUT JOINT (SC)
SCALE 1:10



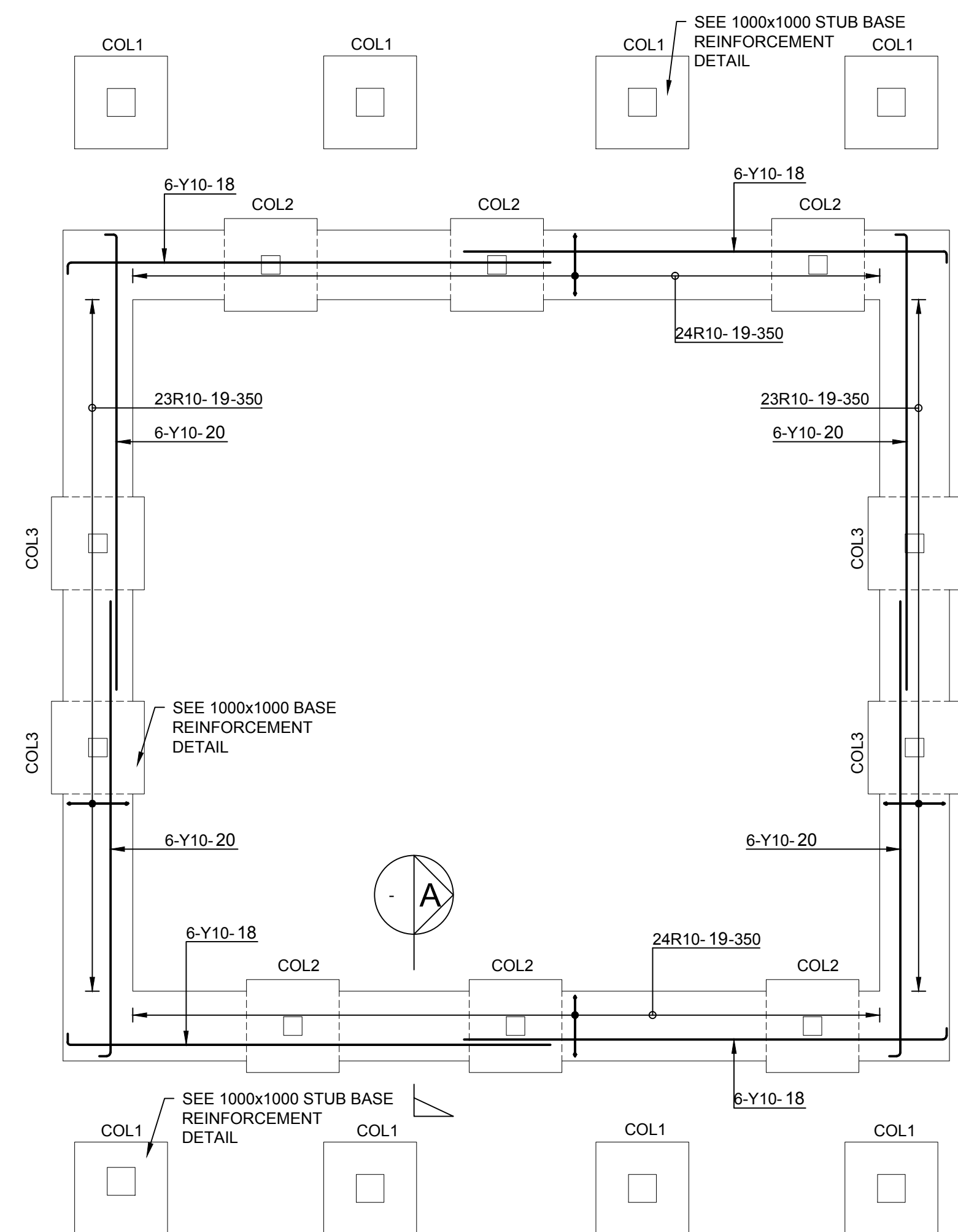
ISOLATION JOINT (I.J.)
SCALE 1:10



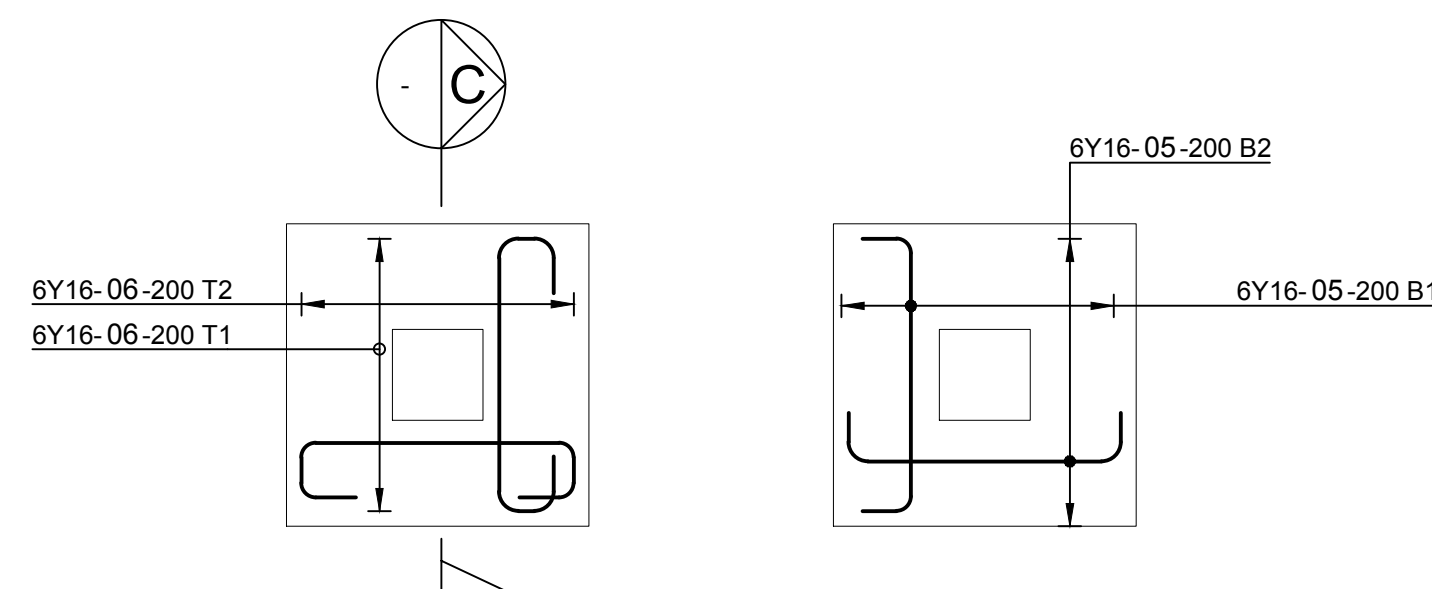
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SCALE 1:10



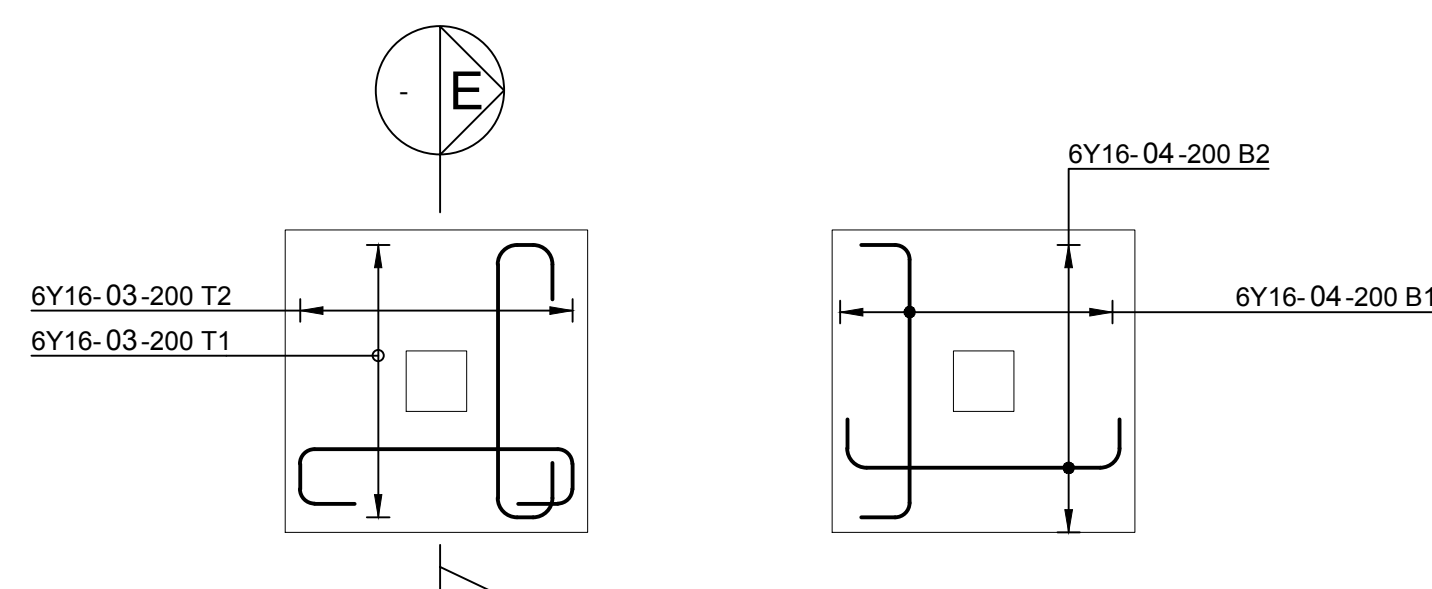
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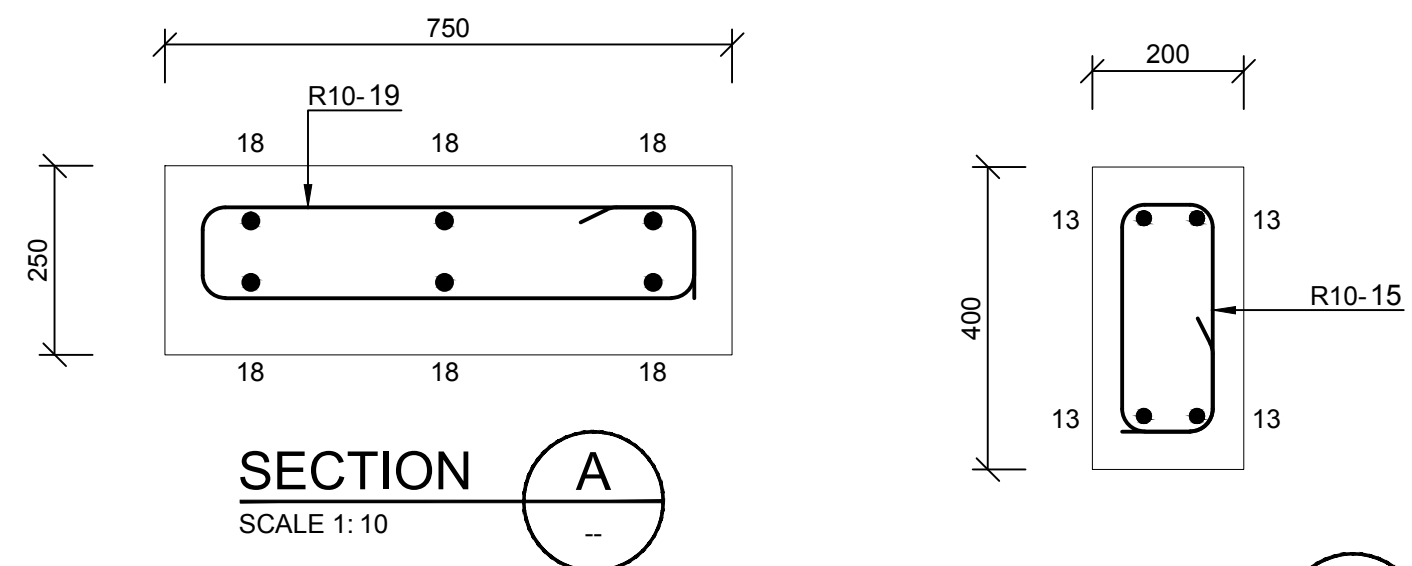
STRIP FOUNDATIONS
REINFORCEMENT
SCALE 1 : 50



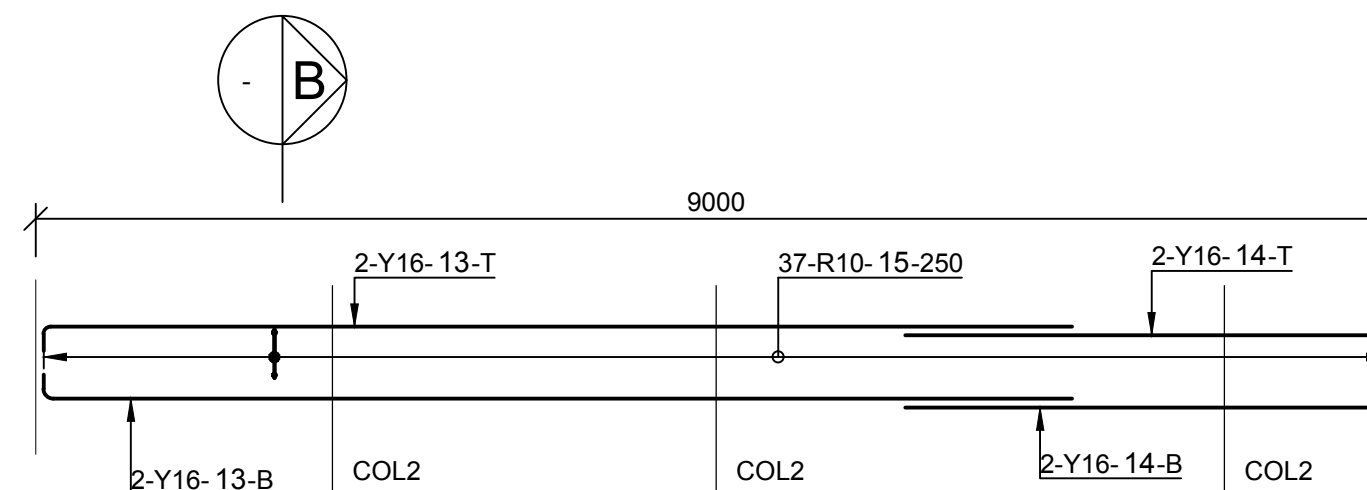
1000x1000 STUB BASE
TYPICAL COL1 REINFORCEMENT
SCALE 1 : 25



1000x1000 BASE
TYPICAL REINFORCEMENT
SCALE 1 : 25

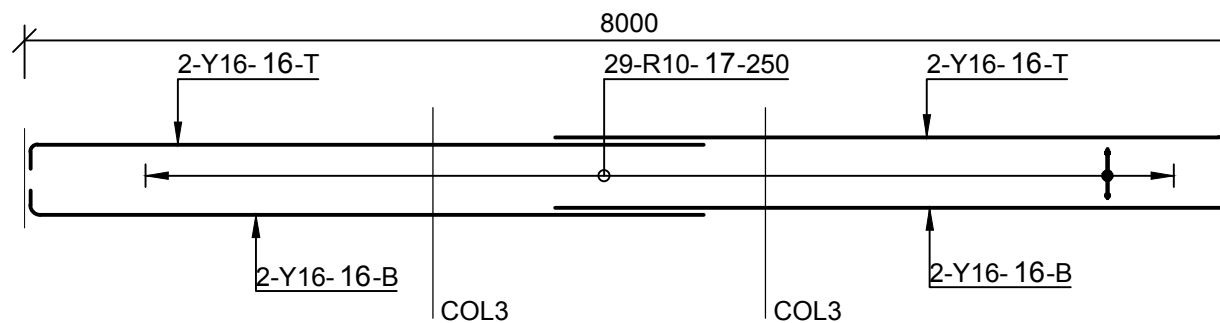


SECTION A
SCALE 1:10

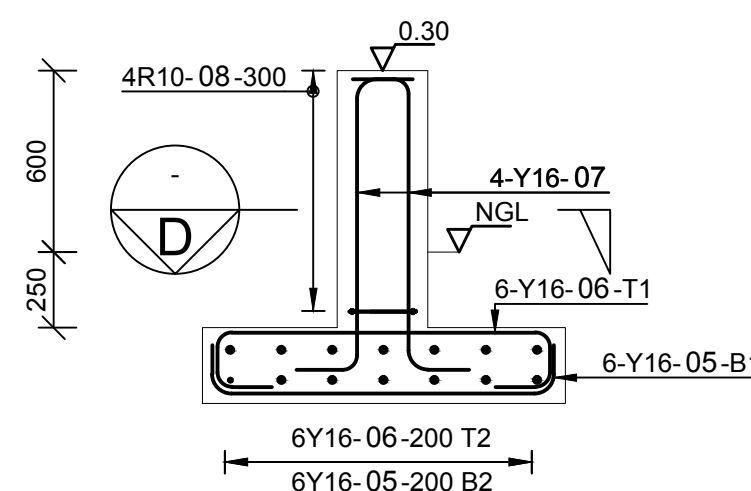


SECTION B
SCALE 1:10

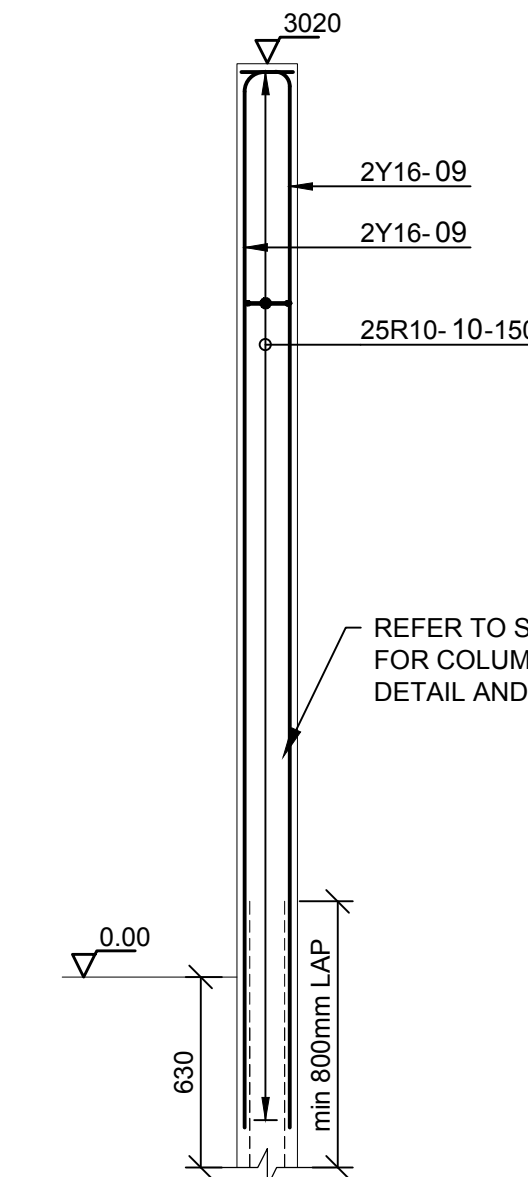
RING BEAM 1
REINFORCEMENT
SCALE 1 : 50



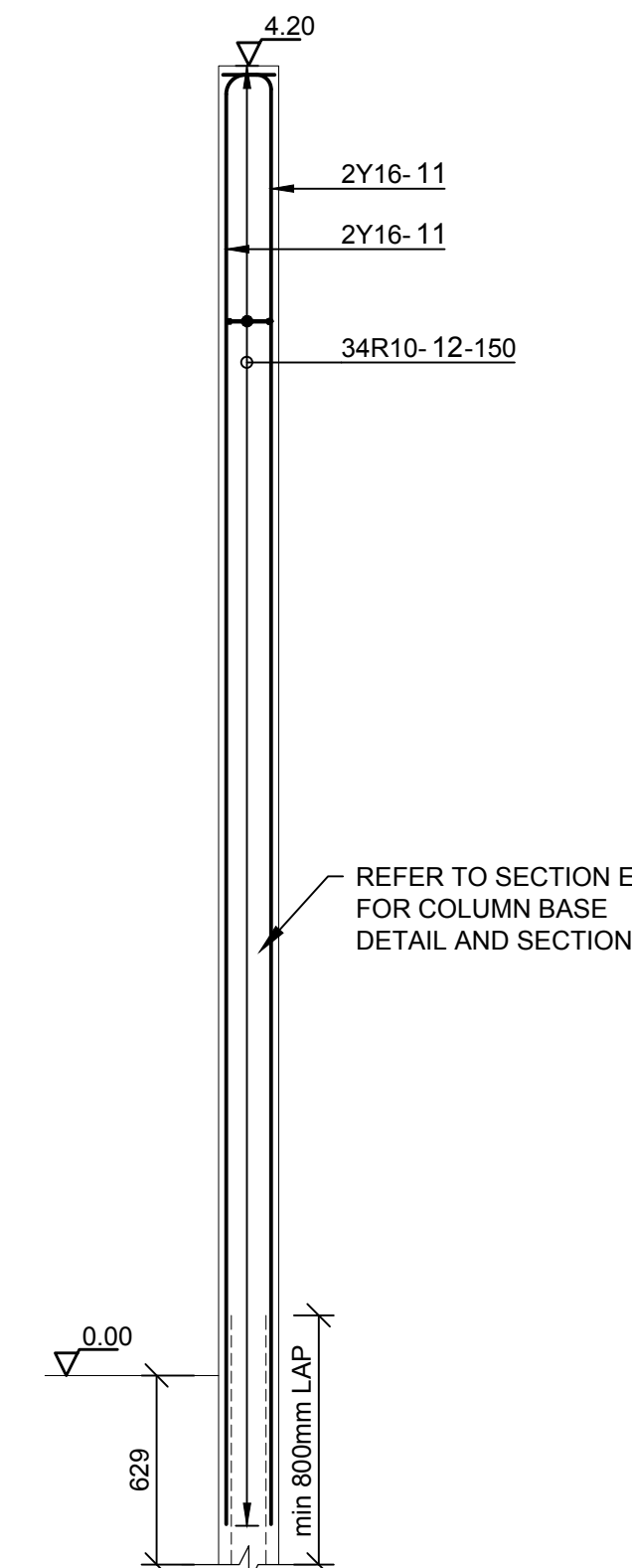
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REINFORCEMENT
SCALE 1 : 50



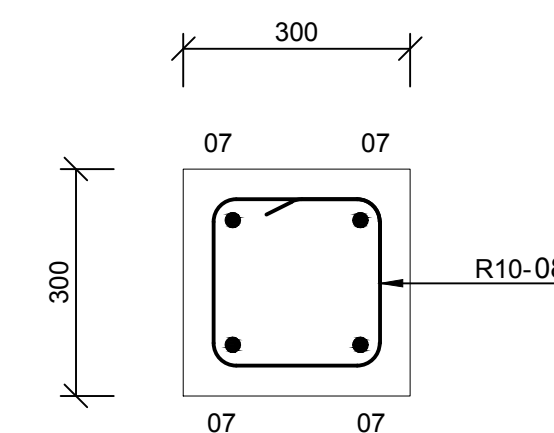
SECTION C
SCALE 1:25



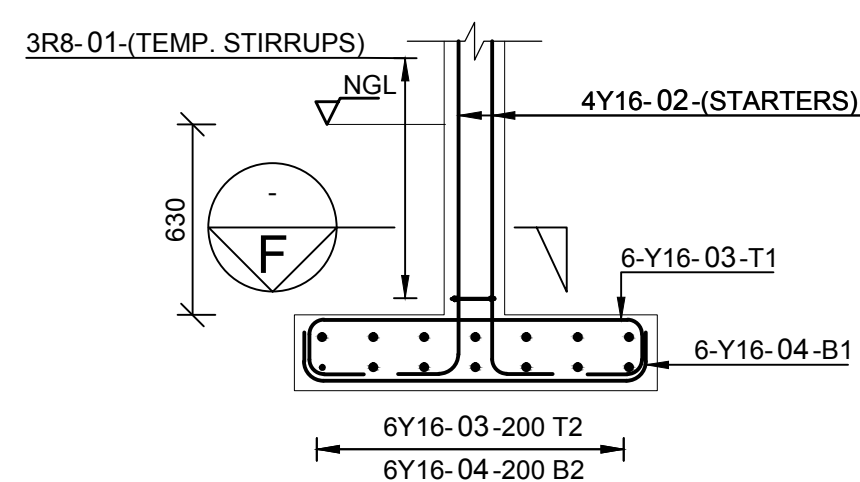
TYPICAL COLUMN 2
REINFORCEMENT
SCALE 1 : 25



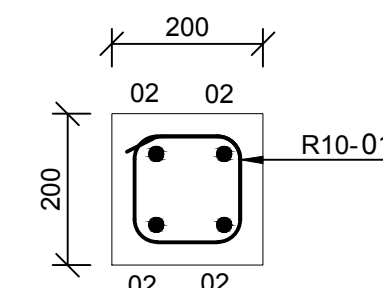
TYPICAL COLUMN 3
REINFORCEMENT
SCALE 1 : 25



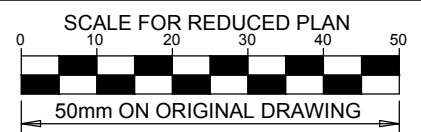
SECTION D
SCALE 1:10



SECTION E
SCALE 1:25



SECTION F
SCALE 1:10



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI000-WOR-B18-00001-01

REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E04-01113-01

REFER TO LAYOUT DRAWING
EA-MZ-CI0100-WOR-E05-00558-01

REFER TO BENDING SCHEDULE 06
ON DRAWING EA-MZ-CI0100-WOR-E05-00060-01

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WorleyParsons RSA (Pty) Ltd.

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CHECKED:	T SNYDERS	<i>T Snyder</i>	03/12/15
DESIGNER:	T SNYDERS	<i>T Snyder</i>	03/12/15
PR ENG:	I ROBINSON	<i>I Robinson</i>	03/12/15
PROJECT ENG MANAGER	L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG:			
CLIENT:			

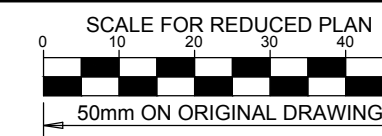
CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
COMMUNITY CENTER
CLASSROOM
REINFORCEMENT

SCALE AS SHOWN ORIGINAL DWG SIZE A1	DATE DEC 2015
DRAWING NUMBER C00290-00-ST-DAL-0006-001	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00518-01	



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI0000-WOR-B18-00001-01

REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E04-01111-01

REFER TO LAYOUT DRAWING
EA-MZ-CI0100-WOR-E05-00557-01

REFER TO BENDING SCHEDULE 05
ON DRAWING EA-MZ-CI0100-WOR-E05-00060-01

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PROJECT ENG MANAGER	L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG:			
CLIENT:			

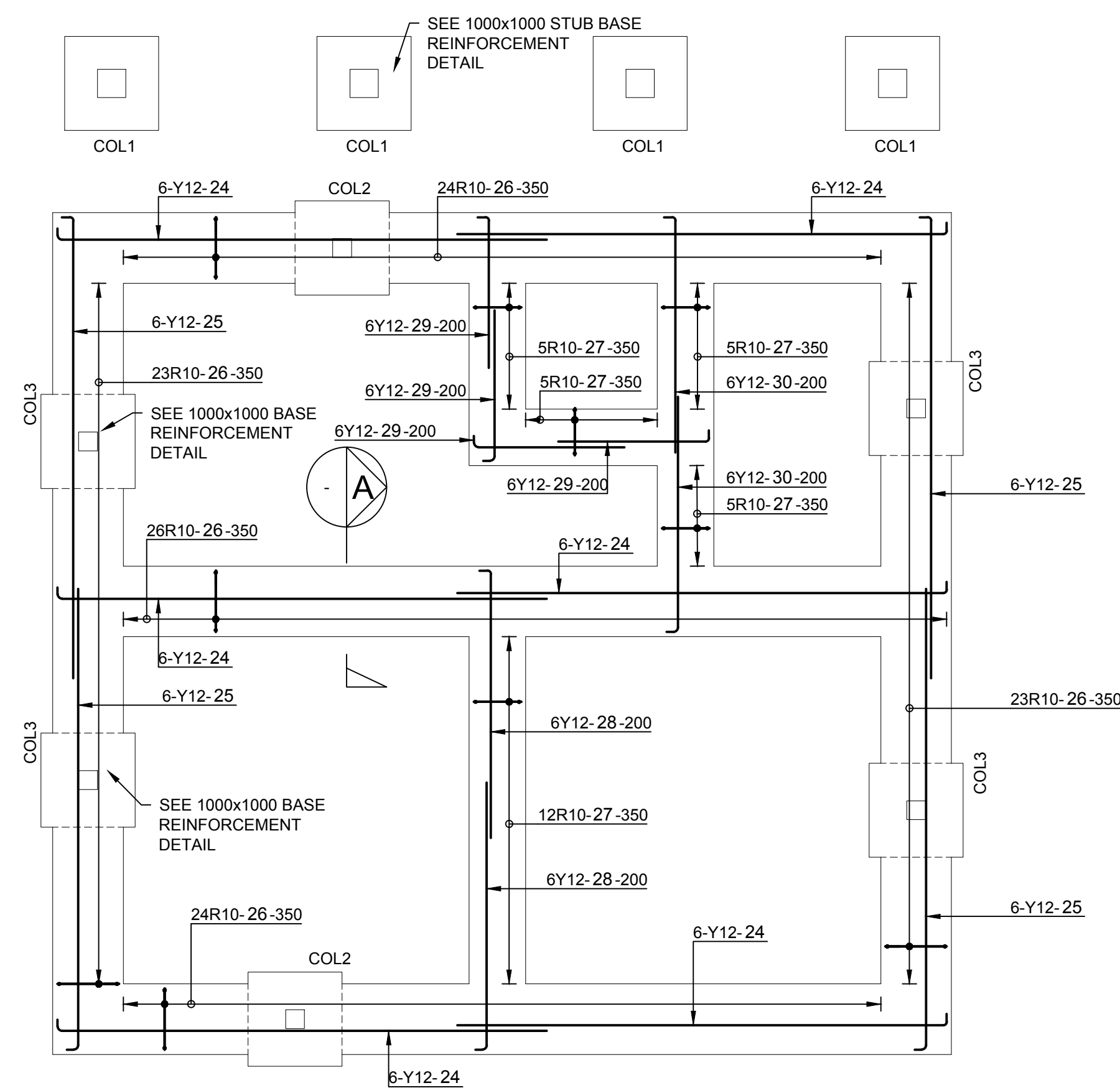


PROJECT AMA 1 RESETTLEMENT VILLAGE DRAWING DESCRIPTION COMMUNITY CENTER ADMINISTRATION BUILDING REINFORCEMENT

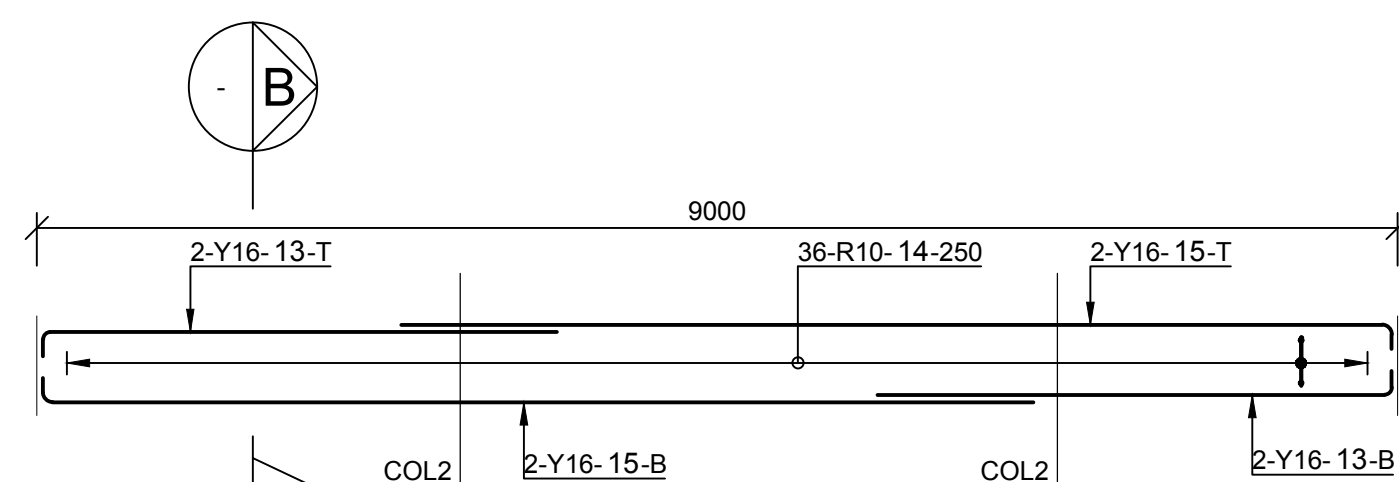
SCALE AS SHOWN ORIGINAL DWG SIZE A1	DATE DEC 2015
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DRAWING NUMBER C00290-00-ST-DAL-0005-001	REV NO 0
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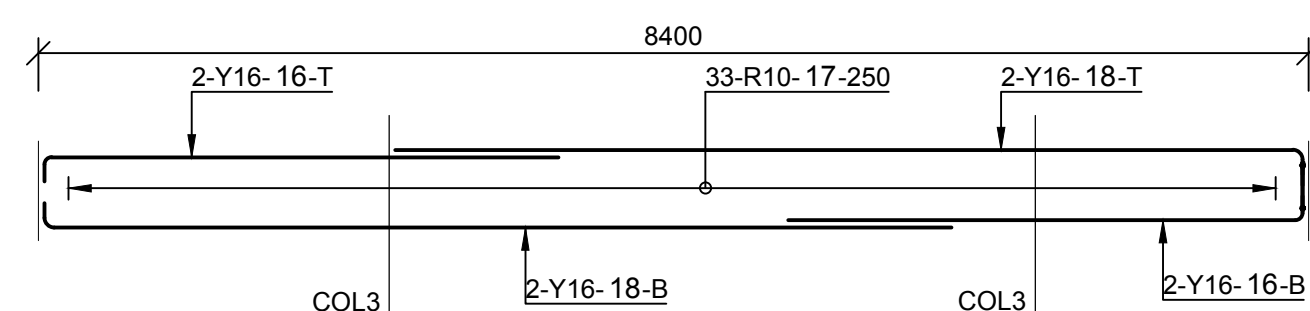
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EA-MZ-CI0100-WOR-E05-00517-01



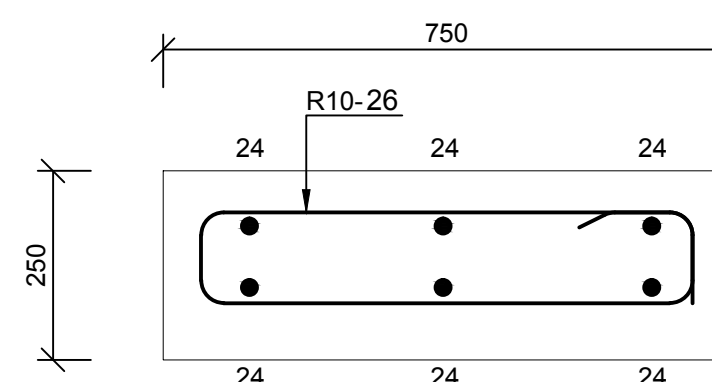
STRIP FOUNDATIONS
REINFORCEMENT
SCALE 1 : 50



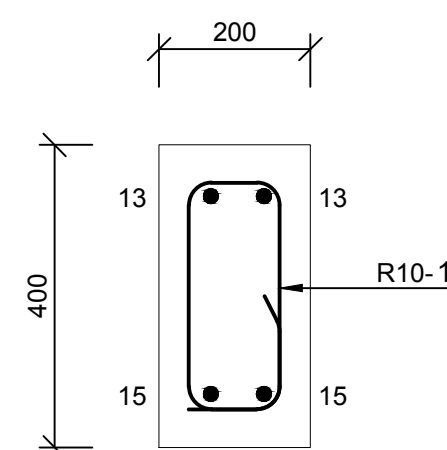
RING BEAM 1
REINFORCEMENT
SCALE 1 : 50



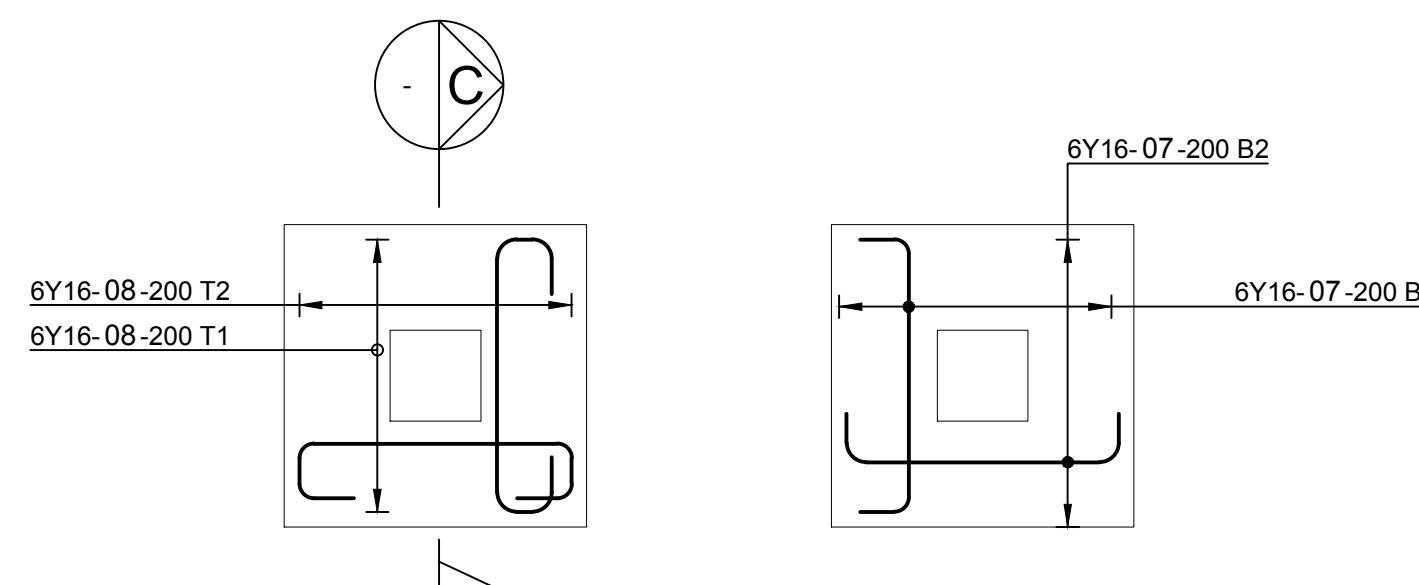
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REINFORCEMENT
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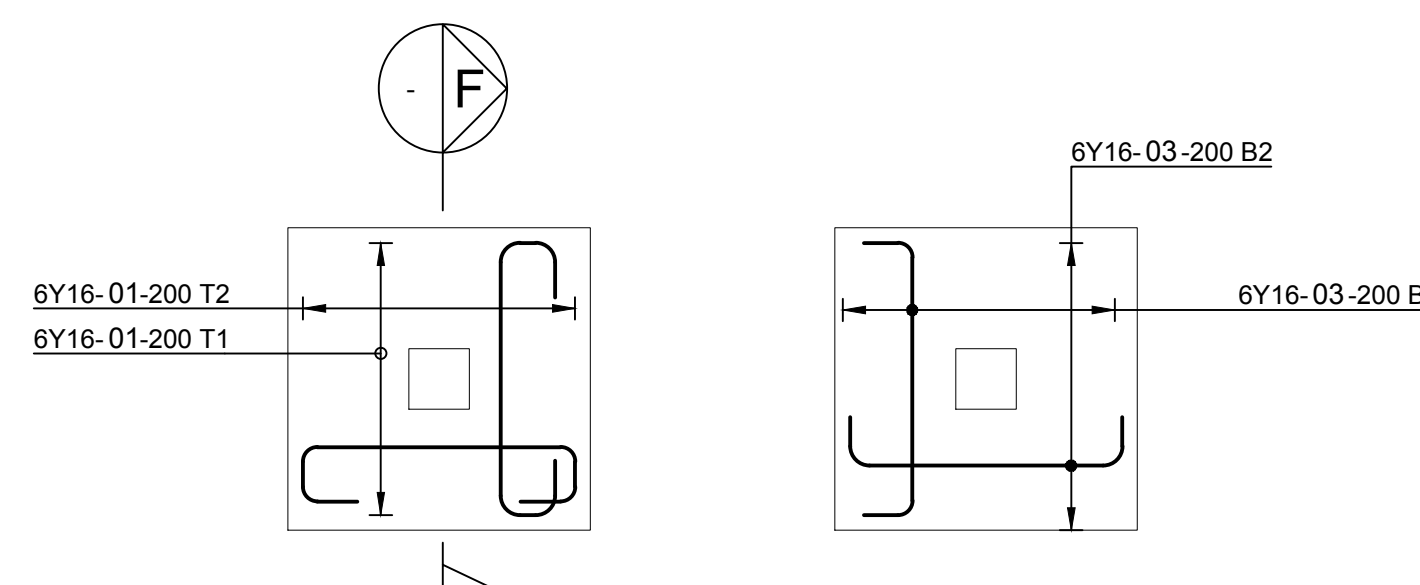
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SCALE 1: 10



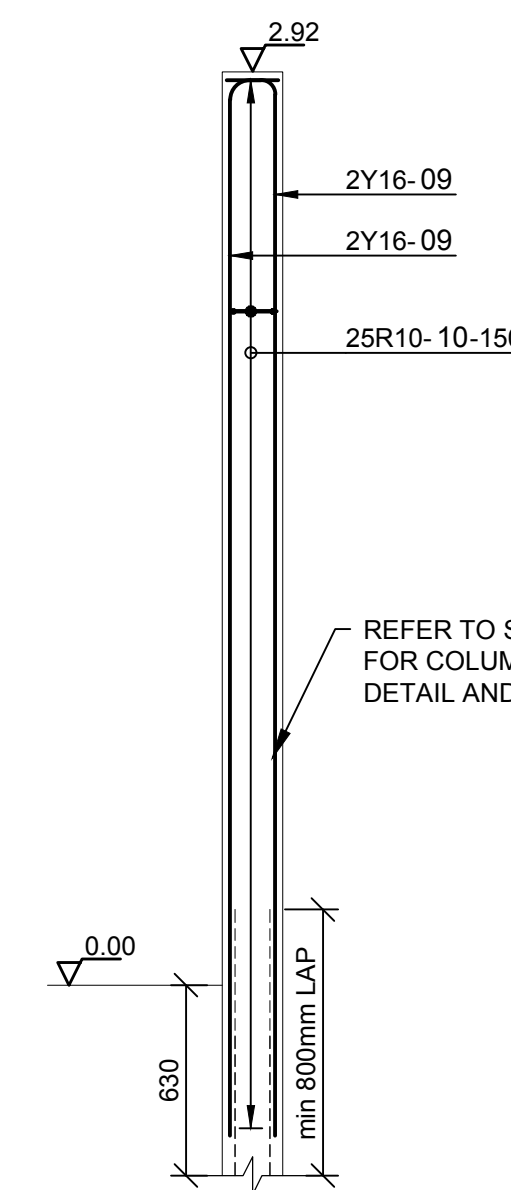
SECTION B
SCALE 1: 10



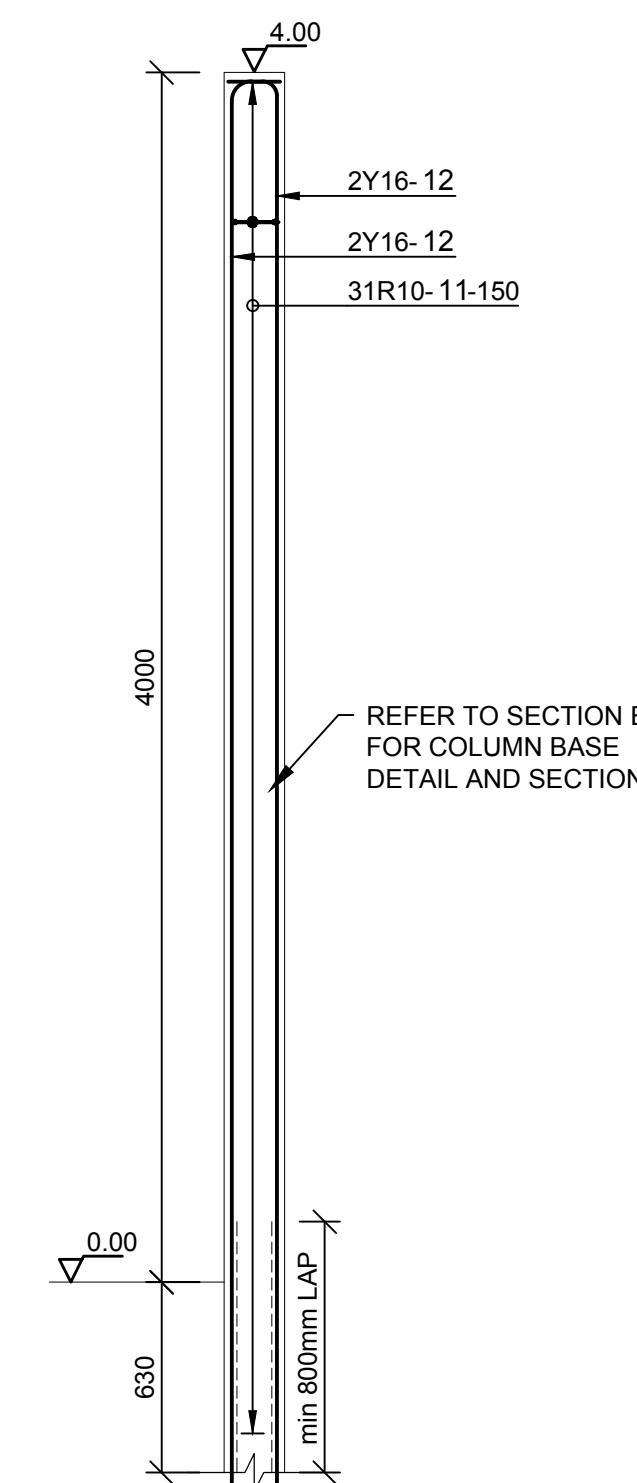
1000x1000 STUB BASE
TYPICAL COL1 REINFORCEMENT
SCALE 1 : 25



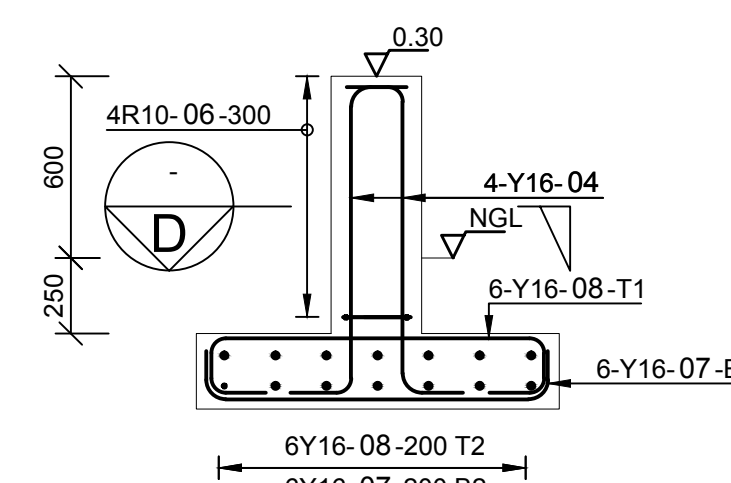
1000x1000 BASE
TYPICAL REINFORCEMENT
SCALE 1 : 25



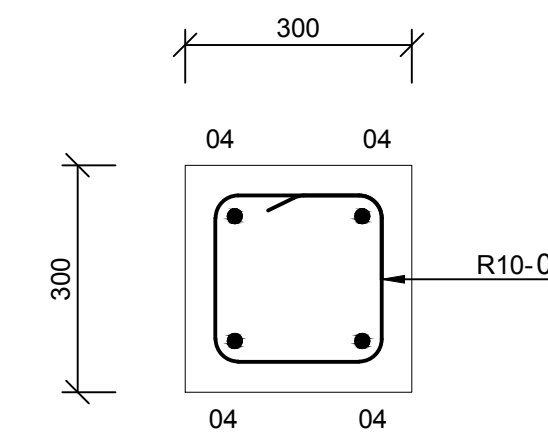
TYPICAL COLUMN 2
REINFORCEMENT
SCALE 1 : 25



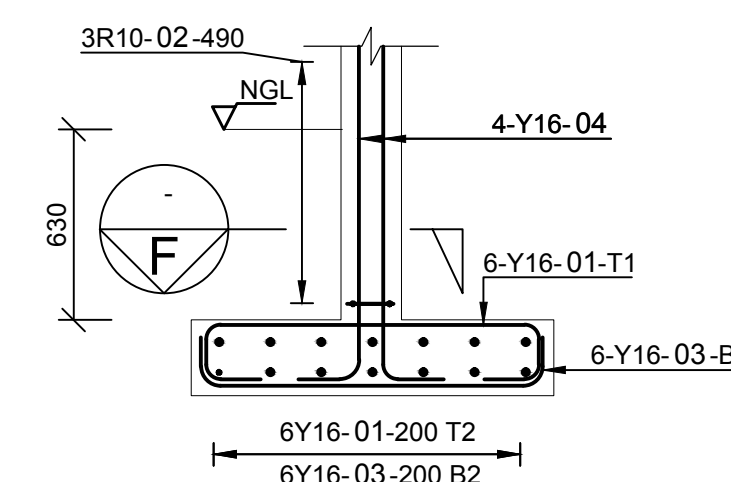
TYPICAL COLUMN 3
REINFORCEMENT
SCALE 1 : 25



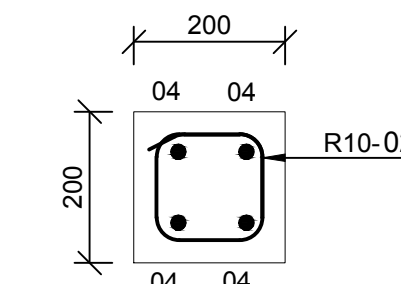
SECTION C
SCALE 1: 25



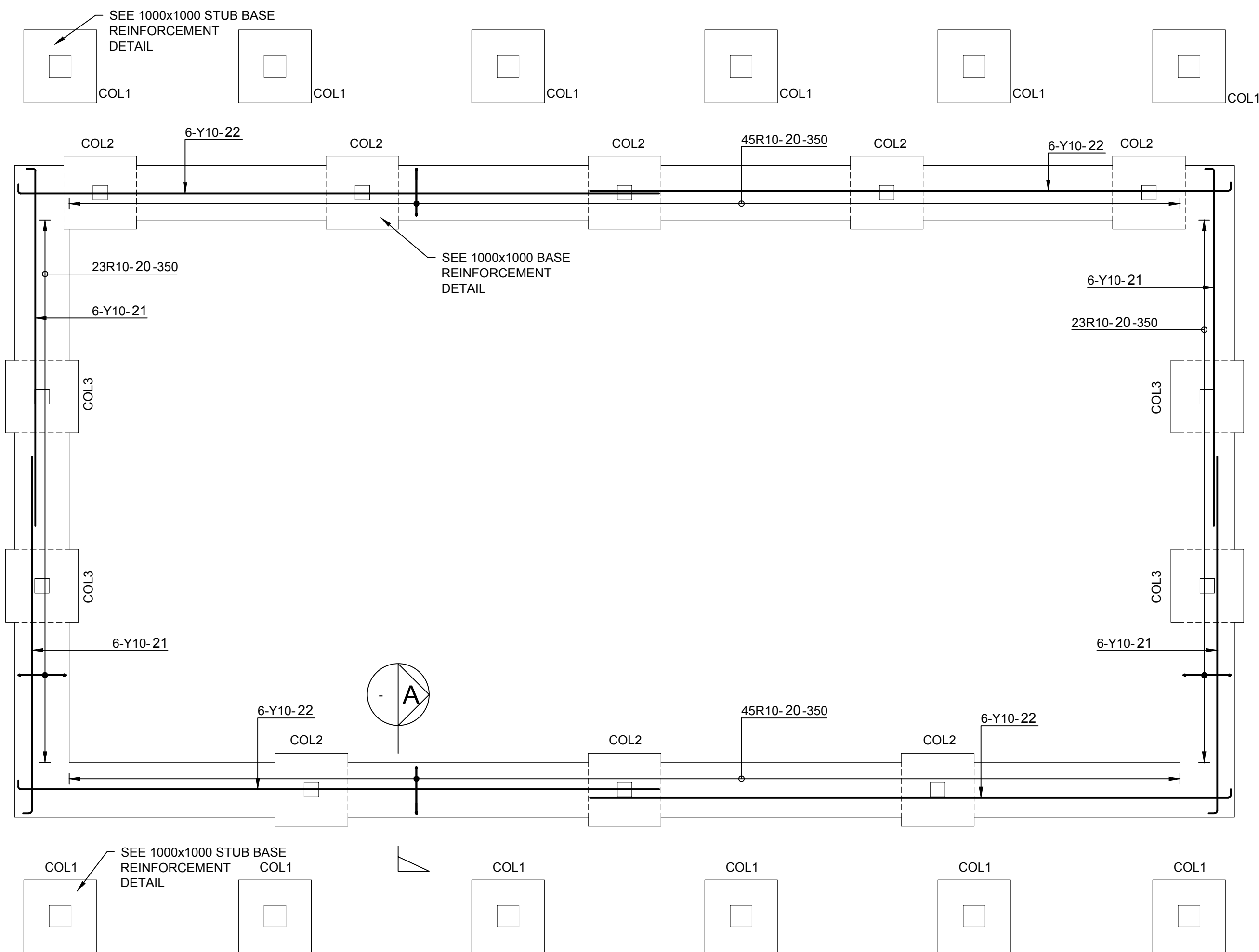
SECTION D
SCALE 1: 10



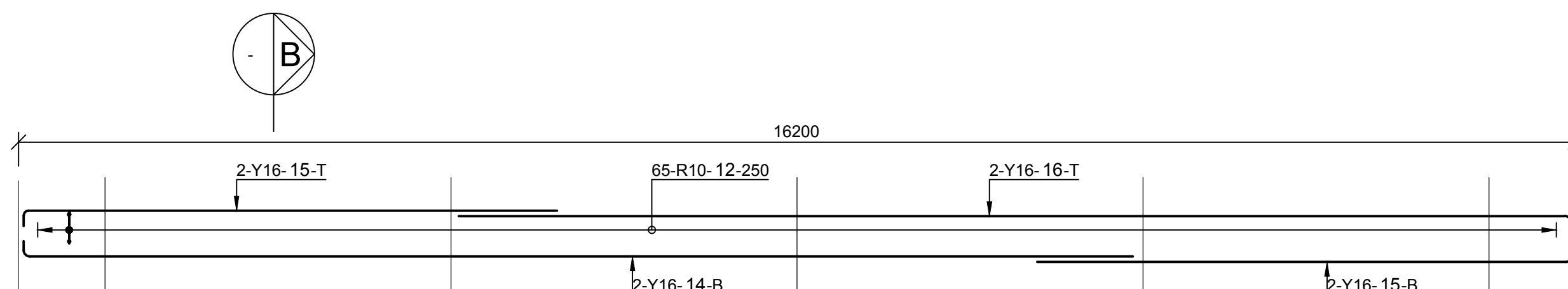
SECTION E
SCALE 1: 25



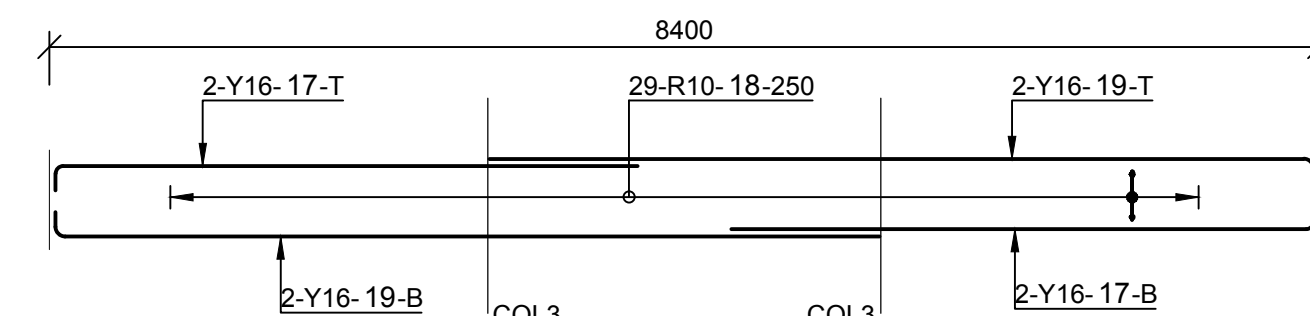
SECTION F
SCALE 1: 10



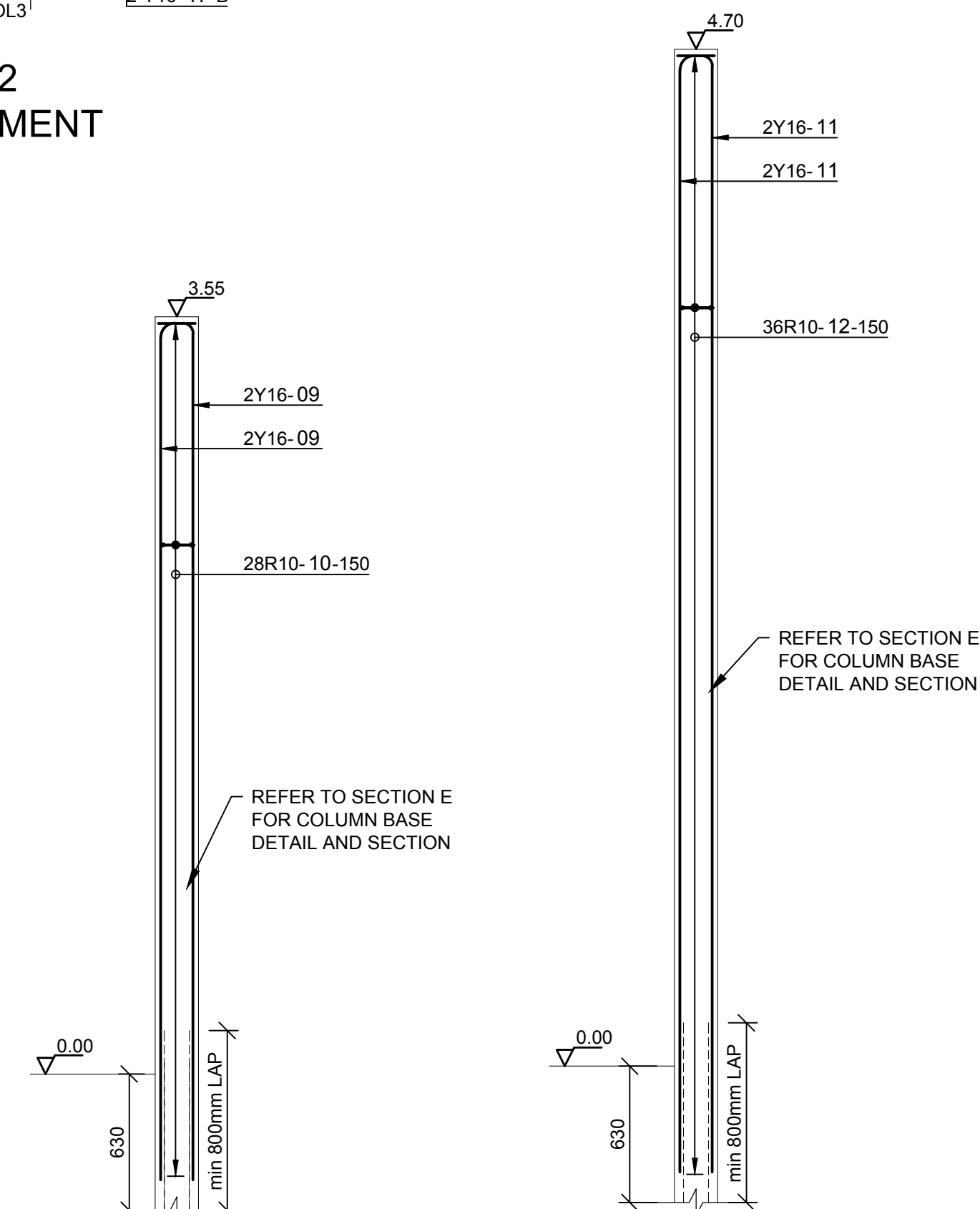
STRIP FOUNDATIONS
REINFORCEMENT



RING BEAM 1
REINFORCEMENT
SCALE 1 : 50

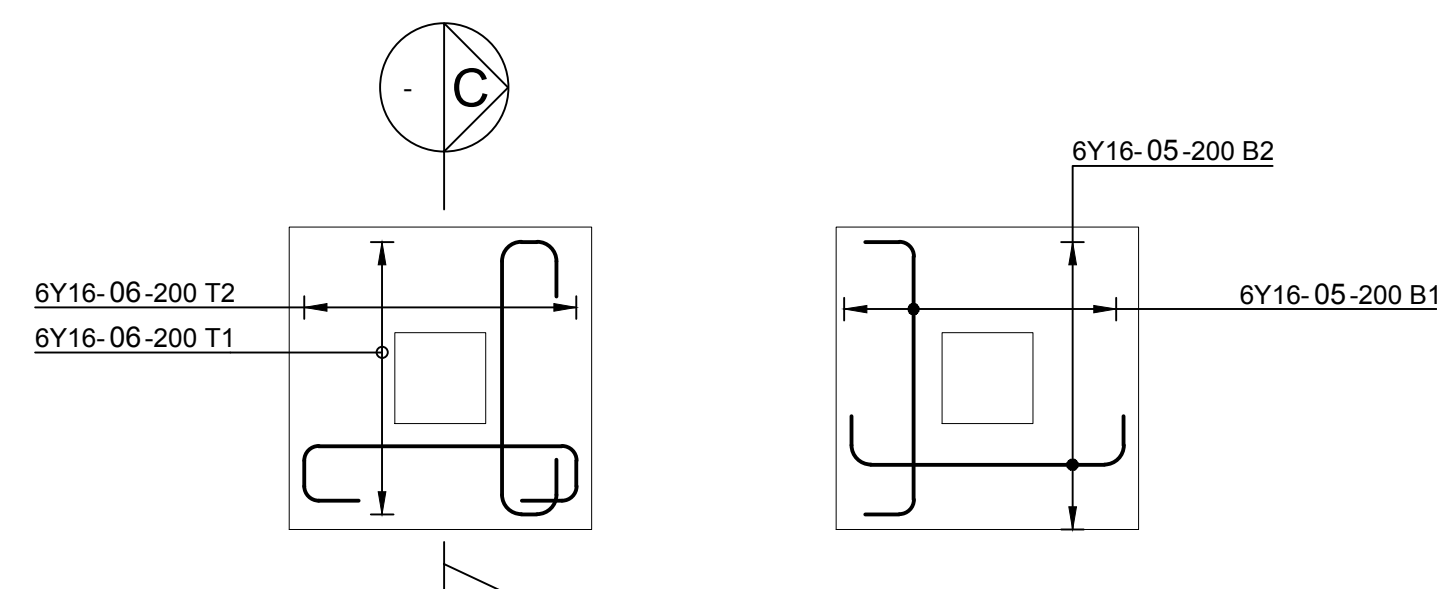


RING BEAM 2
REINFORCEMENT
SCALE 1 : 50

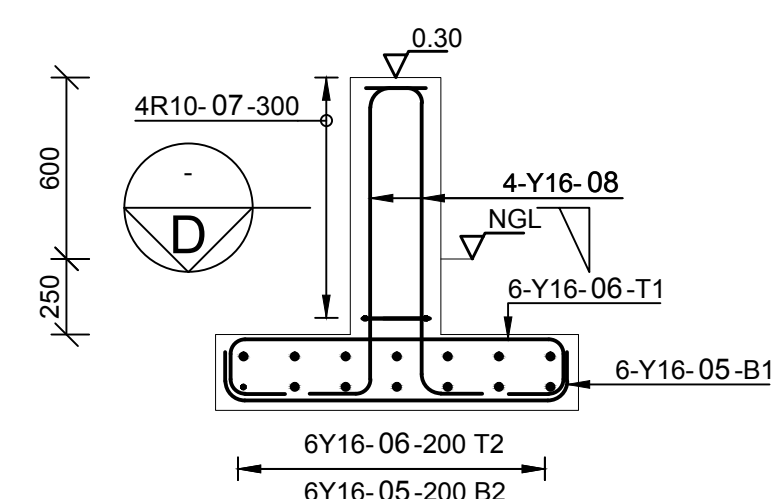


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REINFORCEMENT
SCALE 1 : 25

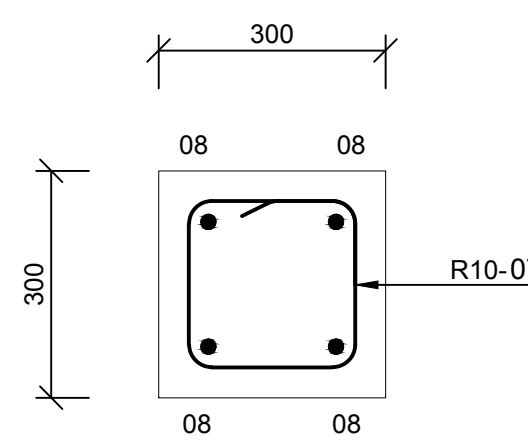
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REINFORCEMENT
SCALE 1 : 25



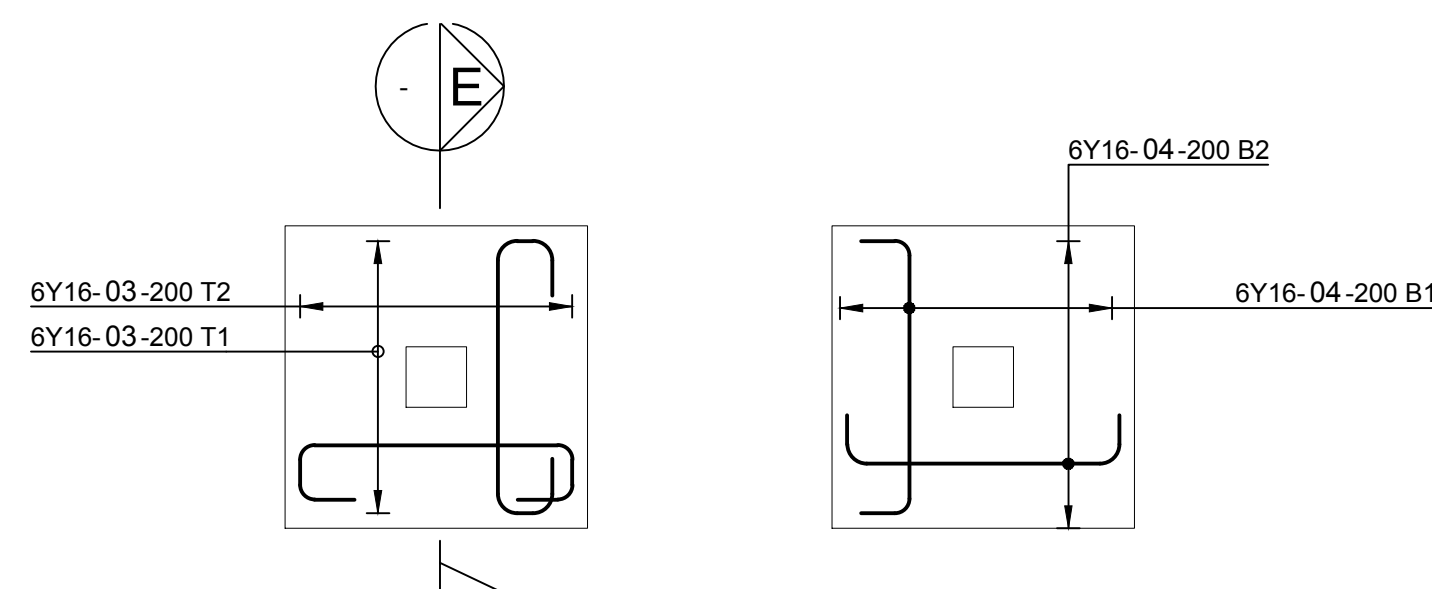
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TYPICAL COL1 REINFORCEMENT
SCALE 1 : 25



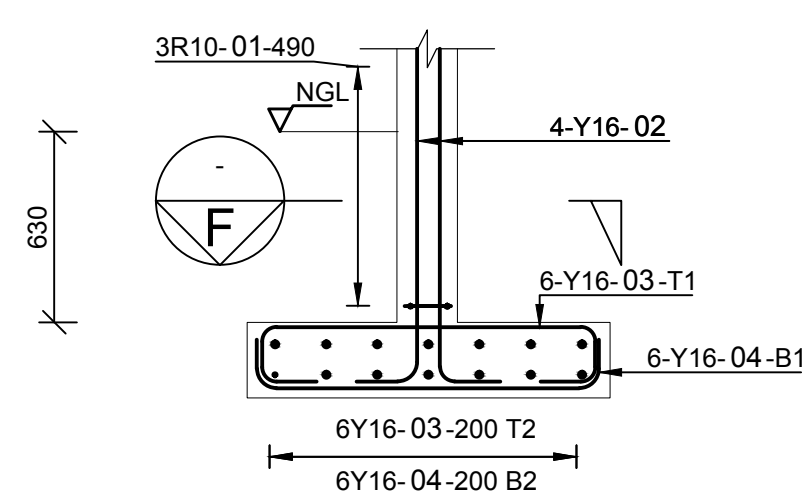
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SCALE 1 : 25



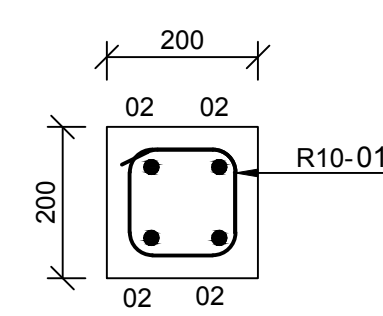
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SCALE 1 : 10



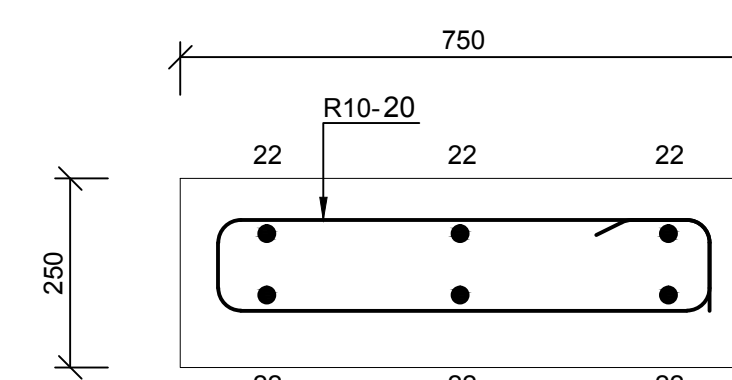
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TYPICAL REINFORCEMENT
SCALE 1 : 25



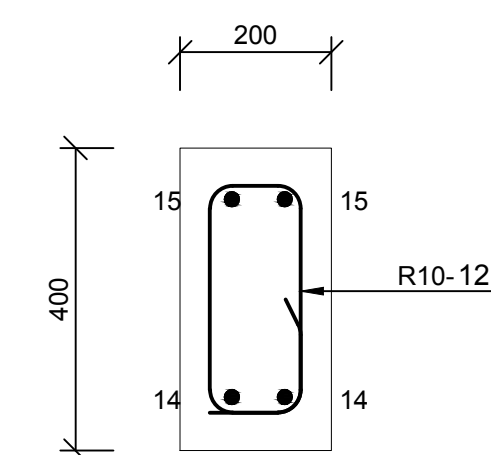
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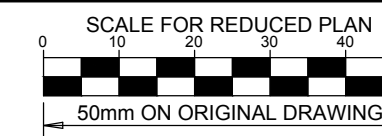
SECTION F
SCALE 1 : 10



SECTION A
SCALE 1 : 10



SECTION B
SCALE 1 : 10



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI000-WOR-B18-00001-01

REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E04-01112-01

REFER TO LAYOUT DRAWING
EA-MZ-CI0100-WOR-E05-00556-01

REFER TO BENDING SCHEDULE 04
ON DRAWING EA-MZ-CI0100-WOR-E05-00060-01

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NO.	DATE	CHECKED	DONE BY	DESCRIPTION
A	07/09/15	TS	NR	ISSUED FOR INTERNAL REVIEW
B	10/09/15	TS	NR	ISSUED FOR DETAIL DESIGN
C	10/09/15	TS	NR	ISSUED FOR SQUAD CHECK
D	29/09/15	TS	NR	ISSUED FOR CLIENT REVIEW
E	17/11/15	TS	NR	ISSUED FOR CLIENT APPROVAL
0	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION



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FAX: +27(0)11 218 3100
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WorleyParsons RSA (Pty) Ltd.

	NAME	SIGNATURE	DATE
DRAWN BY:	N ROBINSON	<i>N Robinson</i>	03/12/15
CHECKED:	T SNYDERS	<i>T Snymers</i>	03/12/15
DESIGNER:	T SNYDERS	<i>T Snymers</i>	03/12/15
PR ENG:	I ROBINSON	<i>I Robinson</i>	03/12/15
PROJECT ENG. MANAGER	L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG:			
CLIENT:			

CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

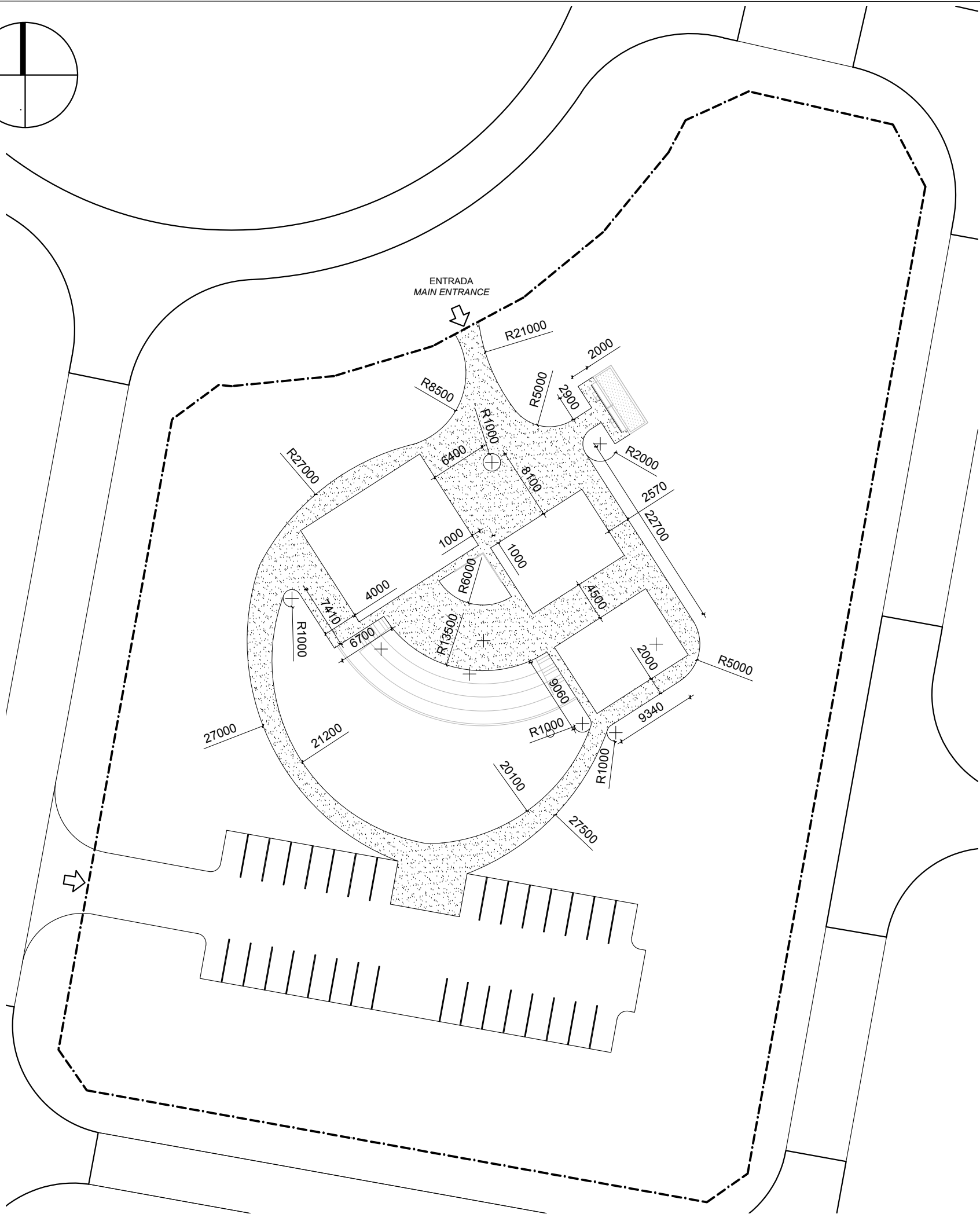
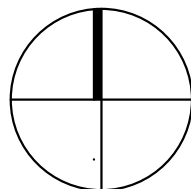
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COMMUNITY CENTER
COMMUNITY HALL
REINFORCEMENT

SCALE AS SHOWN ORIGINAL DWG SIZE A1 DATE DEC 2015

DRAWING NUMBER C00290-00-ST-DAL-0004-001 REV NO 0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E05-00516-01



ESTE DESENHO É PARA SER LIDO EM CONJUNTO COM:

THIS DRAWINGS IS TO BE READ IN CONJUNCTION WITH:

ARCHITECTURAL
EA-MZ-CI0100-WOR-E04-00901-01
EA-MZ-CI0100-WOR-E04-00500-01
EA-MZ-CI0100-WOR-E04-00605-01
EA-MZ-CI0100-WOR-E04-01111-01
EA-MZ-CI0100-WOR-E04-01112-01
EA-MZ-CI0100-WOR-E04-01113-01
EA-MZ-CI0100-WOR-E04-00612-01
EA-MZ-CI0100-WOR-E05-00198-01
EA-MZ-CI0100-WOR-E05-00046-01
EA-MZ-CI0100-WOR-E05-00045-01

STRUCTURAL
EA-MZ-CI0100-WOR-E05-00005-01
EA-MZ-CI0100-WOR-E05-00006-01
EA-MZ-CI0100-WOR-E05-00007-01
EA-MZ-CI0100-WOR-E05-00008-01
EA-MZ-CI0100-WOR-E05-00556-01
EA-MZ-CI0100-WOR-E05-00557-01
EA-MZ-CI0100-WOR-E05-00558-01
EA-MZ-CI0100-WOR-E04-00030-01
EA-MZ-CI0100-WOR-E05-00083-01
EA-MZ-CI0100-WOR-E05-00084-01
EA-MZ-CI0100-WOR-E05-00516-01
EA-MZ-CI0100-WOR-E05-00517-01
EA-MZ-CI0100-WOR-E05-00518-01
EA-MZ-CI0000-WOR-E05-00052-01

Handwritten signature in blue ink.

Total Área for
sidewalk pavement : approx. 860 m²

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REVISIONS				
NO.	DATE	CHK	DONE BY	DESCRIPTION
A	08/09/15	MM	CP	ISSUED INTERNAL REVIEW
B	08/09/15	MM	CP	ISSUED FOR DETAIL DESIGN
C	08/09/15	MM	CP	ISSUED FOR SQUAD CHECK
D	15/10/15	MM	CP	ISSUED FOR CLIENT REVIEW
E	16/11/15	MM	CP	ISSUED CLIENT APPROVAL
0	25/11/15	MM	CP	ISSUED FOR CONSTRUCTION

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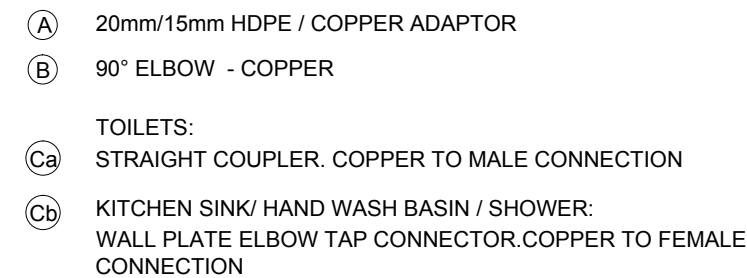


PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
CENTRO COMUNITÁRIO -
PLANTA DO PASSEIO

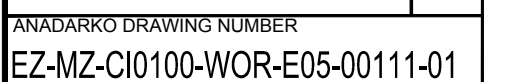
COMMUNITY CENTRE -
SIDEWALK LAYOUT

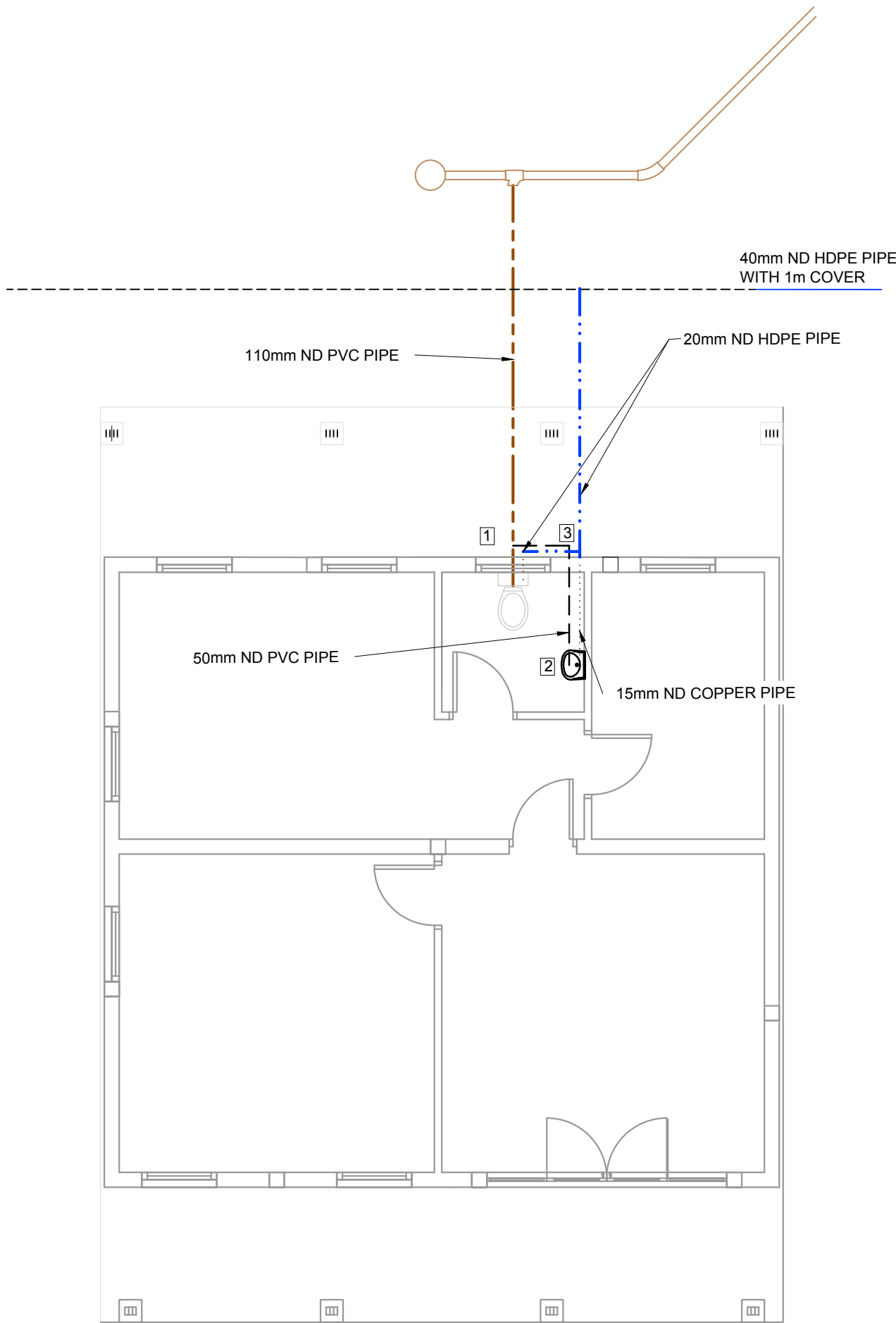
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DRAWING NUMBER: C00290-00-AR-DLP-0031-001	REV N° 0
ANADARKO DRAWING NUMBER: EA-MZ-CI0100-WOR-E05-00198-01	



NTS

COMMUNITY FACILITIES - COMMUNITY CENTRE WATER SUPPLY			
ADMIN. BUILDING			
No	DESCRIPTION	UNIT	QUANTITY
(A)	20mm/15mm HDPE / COPPER ADAPTOR	No.	4
(B)	90° ELBOW - COPPER	No.	8
(Ca)	TOILETS:		
	STRAIGHT COUPLER. COPPER TO MALE CONN.	No.	2
(Cb)	KITCHEN SINK/ HAND WASH BASIN / SHOWER:		
	WALL PLATE ELBOW TAP CONNECTOR.Cu TO FEM. CONN.	No.	2
	15mm COPPER PIPE	m	8m
	20mm ND HDPE PIPE	m	10m



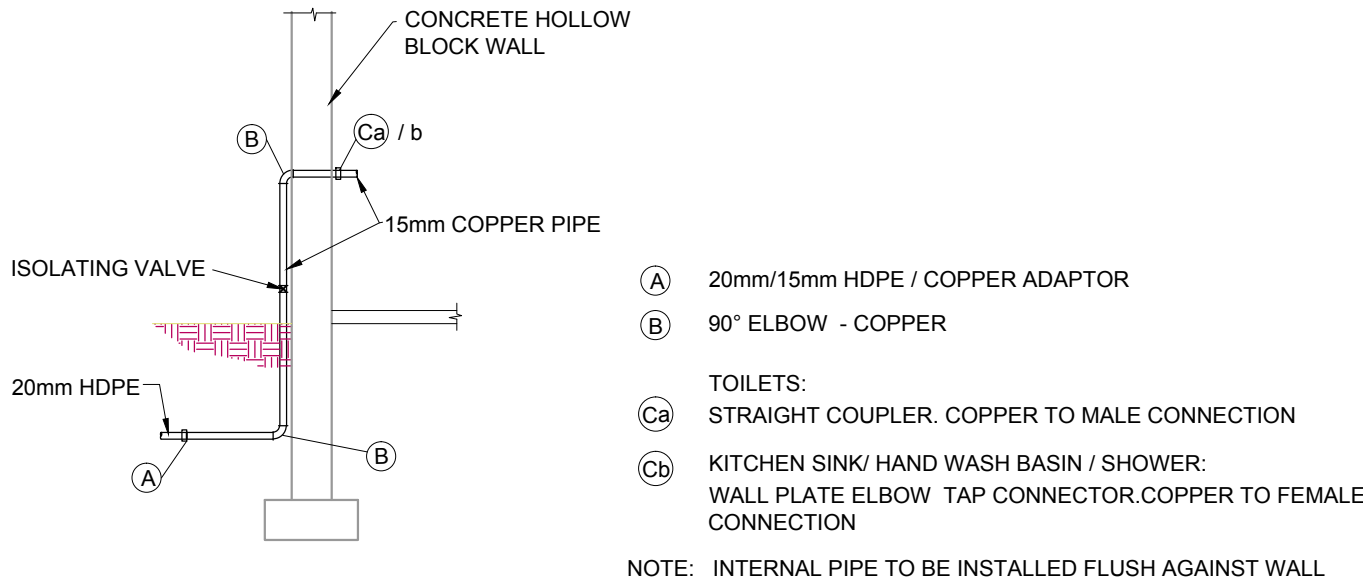


PLAN - ADMINISTRATION CENTRE

1:50

COMMUNITY FACILITIES - COMMUNITY CENTRE INTERNAL DRAINAGE CONNECTIONS			
ADMIN. BUILDING			
No	DESCRIPTION	UNIT	QUANTITY
1	110x50mm - 87.5° VENTHORN BEND	No.	1
	50mm VENT COWL	No.	1
	110x50mm - SINGLE 87.5° PLAIN REDUCING JUNCTION	No.	1
	110 - 87.5° PLAIN BEND	No.	1
	110 ND PVC PIPE	m	4m
2	P-TRAP	No.	2
	50mm ND PVC PIPE	m	2m
3	50mm - 87.5° ACCESS BEND	No.	1
	50mm ND PVC PIPE	m	1m
	DRAIN GULLY COMPLETE	No.	1

COMMUNITY FACILITIES - COMMUNITY CENTRE WATER SUPPLY			
ADMIN. BUILDING			
No	DESCRIPTION	UNIT	QUANTITY
A	20mm/15mm HDPE / COPPER ADAPTOR	No.	1
B	90° ELBOW - COPPER	No.	4
Ca	TOILETS:		
	STRAIGHT COUPLER. COPPER TO MALE CONN.	No.	1
Cb	KITCHEN SINK/ HAND WASH BASIN / SHOWER:		
	WALL PLATE ELBOW TAP CONNECTOR.Cu TO FEM. CONN.	No.	1
	15mm COPPER PIPE	m	5m
	20mm ND HDPE PIPE	m	5m



TYPICAL WATER SUPPLY DETAIL AT BUILDINGS

NTS

NOTES

REFERENCE DRAWINGS:
ADMINISTRATION CENTRE:
C00290-00-WW-DRD-0020-001

LEGEND:

- 110mm ND PVC PIPE
- 15mm ND COPPER PIPE
- 50mm ND PVC PIPE
- 20mm ND HDPE PIPE
- 40mm ND HDPE PIPE


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NO.	DATE	CHECKED	DONE BY	DESCRIPTION
A	29/10/15	AR		ISSUED FOR INTERNAL REVIEW
B	17/10/15	AR		ISSUED FOR DETAIL DESIGN
C	18/10/15	AR		ISSUED FOR SQUAD CHECK
D	23/10/15	AR		ISSUED FOR CLIENT REVIEW
E	25/11/15	CT		ISSUED FOR CLIENT APPROVAL
F	08/12/15	CT		ISSUED FOR CONSTRUCTION

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NAME	SIGNATURE	DATE
DRAWN BY: A. RAJAH		29/10/2015
CHECKED: L. PADAYACHEE		29/10/2015
DESIGNER: L. PADAYACHEE		29/10/2015
PR ENG: L. PADAYACHEE		29/10/2015
PROJECT ENG MANAGER: L. PADAYACHEE		29/10/2015
LOCAL PR ENG:		
CLIENT:		

CLIENT



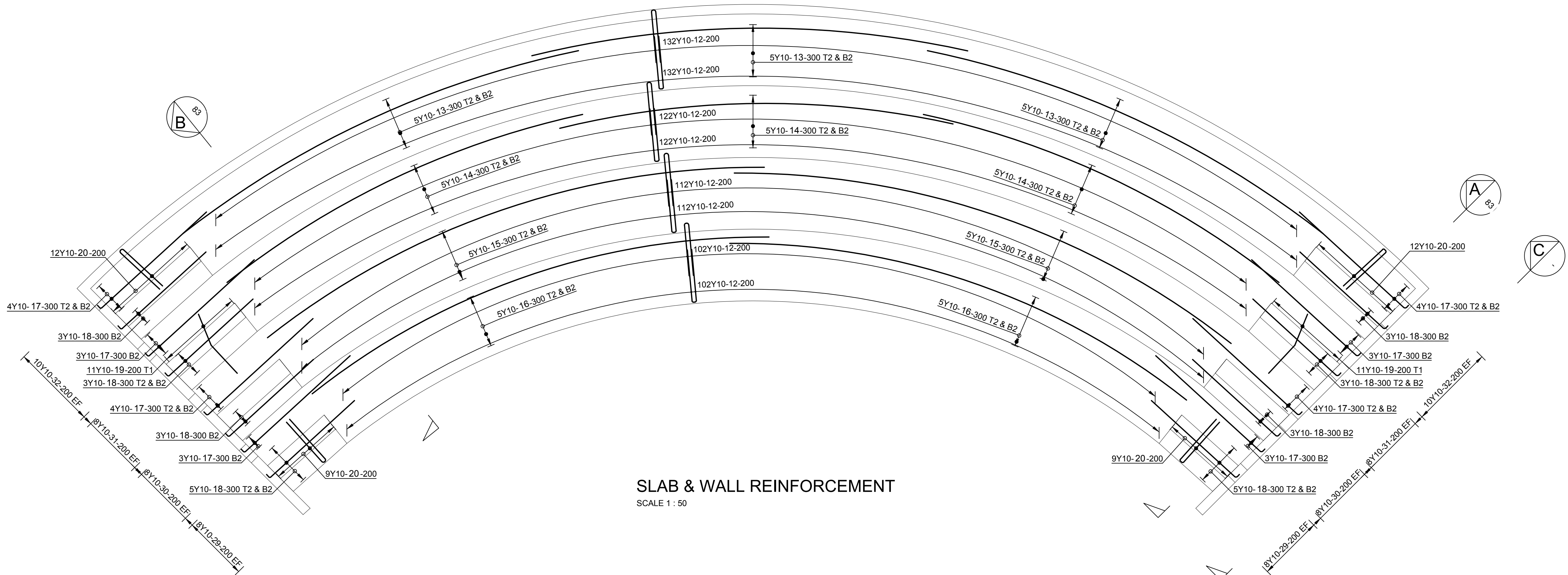
PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
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COMMUNITY CENTRE:
INTERNAL RETICULATIONS

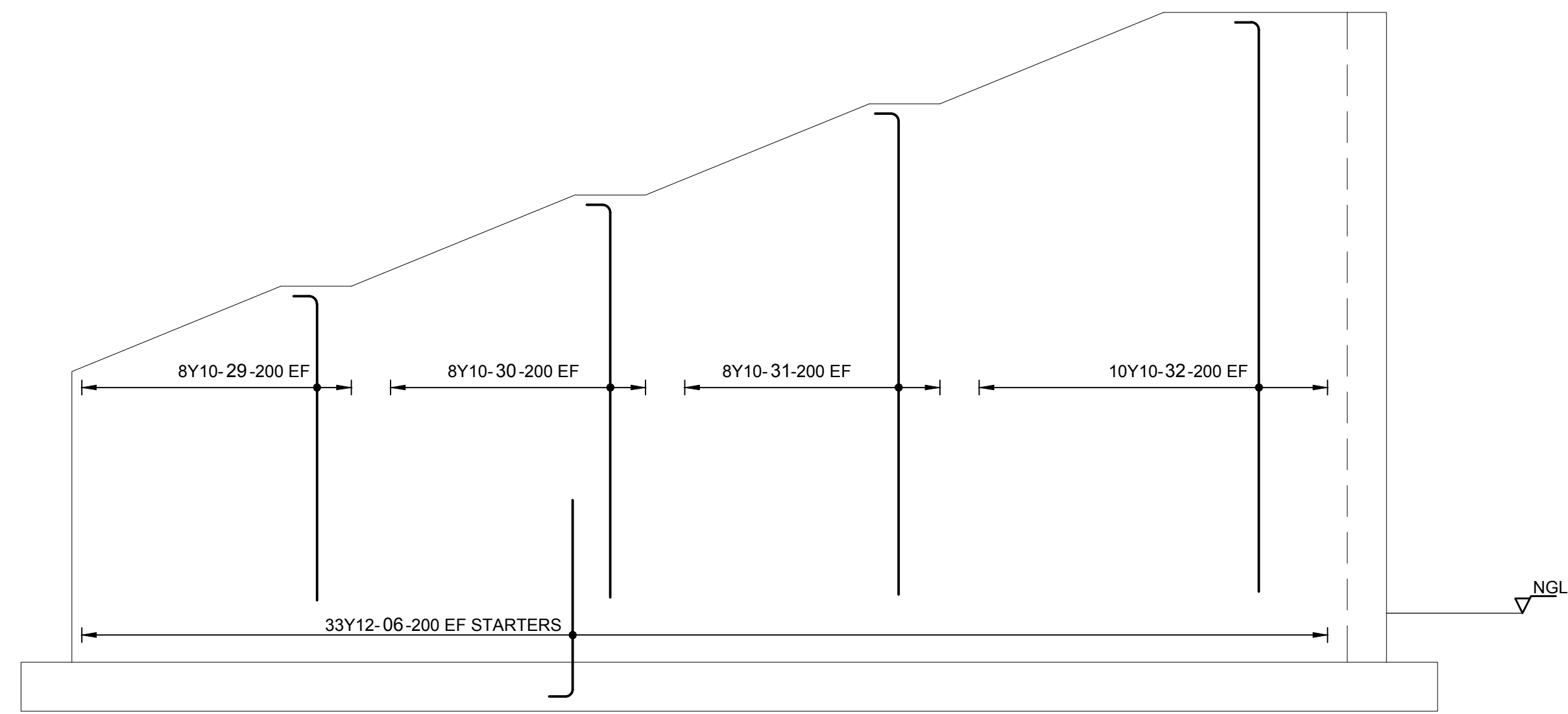
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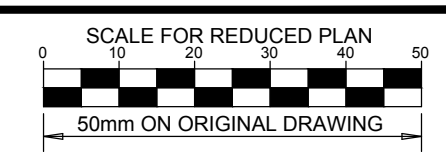
ANADARKO DRAWING NUMBER EZ-MZ-CI0100-WOR-E05-00110-01



SLAB & WALL REINFORCEMENT
SCALE 1 : 50



ELEVATION C
SCALE 1:25



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI0000-WOR-B18-00001-01

REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E04-00605-01

REFER TO LAYOUT
EA-MZ-CI0100-WOR-E05-00082-01 &
FOUNDATION REINFORCEMENT
EA-MZ-CI0100-WOR-E05-00083-01


REFER TO BENDING SCHEDULE 52
ON DRAWING EA-MZ-CI0100-WOR-E05-00068-01

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A	04/11/15	TS	NR	ISSUED FOR INTERNAL REVIEW
B	03/11/15	TS	NR	ISSUED FOR DETAIL DESIGN
C	03/11/15	TS	NR	ISSUED FOR SQUAD CHECK
D	04/11/15	TS	NR	ISSUED FOR CLIENT REVIEW
E	17/11/15	TS	NR	ISSUED FOR CLIENT APPROVAL
0	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION

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	NAME	SIGNATURE	DATE
DRAWN BY:	N ROBINSON	<i>N Robinson</i>	03/12/15
CHECKED :	T SNYDERS	<i>T Snymers</i>	03/12/15
DESIGNER :	T SNYDERS	<i>T Snymers</i>	03/12/15
PR ENG :	I ROBINSON	<i>I Robinson</i>	03/12/15
PROJECT ENG. MANAGER	L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG :			
CLIENT:			

CLIENT

**MOZAMBIQUE**
GAS DEVELOPMENT PROJECT

**Anadarko**
Moçambique Área 1, Lda

PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**COMMUNITY CENTER:
AMPHITHEATER SLAB
REINFORCEMENT**

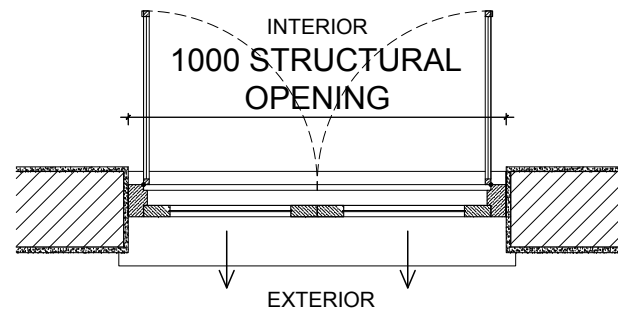
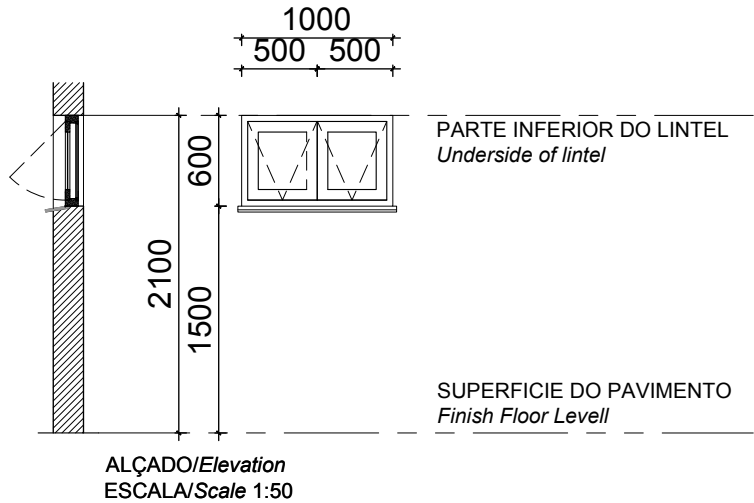
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DRAWING NUMBER C00290-00-ST-DAL-0084-001	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00084-01	

ANADARKO DRAWING NUMBER	EA-MZ-CI0100-WOR-E05-00083-01
-------------------------	-------------------------------

SALA DE AULAS/ Classroom

WINDOWS & DOOR SCHEDULE/ Mapa de vãos: Janelas & Portas

ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED/VERIFIED ON SITE AND ANY DISCREPENCIES ARE TO BE REPORTED TO THE ARCHITECT
TODAS DIMENSÕES E NÍVEIS DEVEM SER VERIFICADOS NA OBRA E QUALQUER DISCREPÂNCIA DEVERÁ SER COMUNICADA AO ARQUITECTO



NOTES:

1. ALL DOORS WILL BE OF UMBILA OR OF EQUIVALENT WOOD QUALITY & APPROVED BY CLIENT
2. ALL OF THE CASEMENT WINDOWS WILL ALSO TAKE ONE MORE CASEMENT LEAF INSIDE IN MOSQUITO NET
3. ALL OPENINGS SIZE TO BE CONFIRMED ON SITE BEFORE MANUFACTURING
4. SHOP DRAWINGS TO BE APPROVED BY ARCHITECT BEFORE MANUFACTURING
5. REFER TO WINDOW & DOOR SCHEDULE KEY PLAN

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NO.	DATE	CHK	DONE BY	DESCRIPTION
A	12/08/15	MM	CP	ISSUED INTERNAL REVIEW
B	12/08/15	MM	CP	ISSUED FOR DETAIL DESIGN
C	12/08/15	MM	CP	ISSUED FOR SQUAD CHECK
D	01/10/15	MM	CP	ISSUED FOR CLIENT REVIEW
E	13/11/15	MM	CP	ISSUED CLIENT APPROVAL
0	25/11/15	MM	CP	ISSUED FOR CONSTRUCTION

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CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
CENTRO COMUNITÁRIO - MAPA
DE VÃOS FOLHA 5 DE 5
COMMUNITY CENTRE - WINDOW
& DOOR SCHEDULE SHEET 5 OF
5

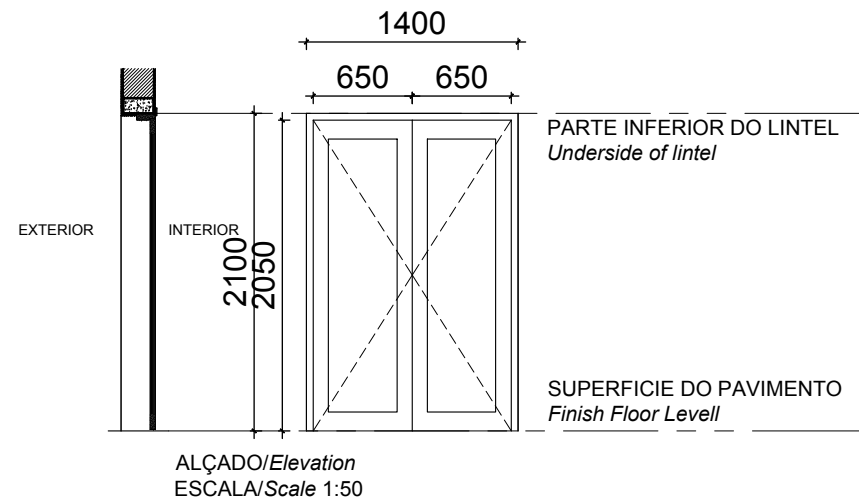
SCALE
A3@AS SHOWN
DATE
NOV 2015

DRAWING NUMBER:
C00290-00-AR-SCH-0005-005
REV Nº
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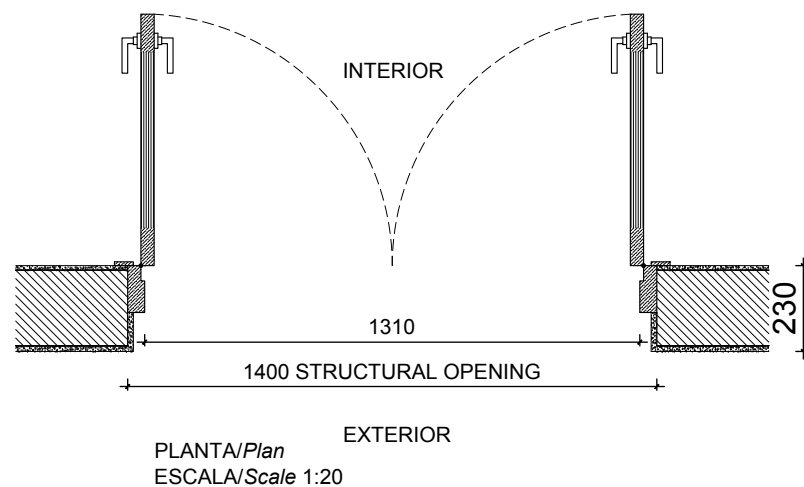
ANADARKO DRAWING NUMBER:
EA-MZ-CI0100-WOR-E05-00046-05

SALA DE AULAS/ Classroom WINDOWS & DOOR SCHEDULE/ Mapa de vãos: Janelas & Portas

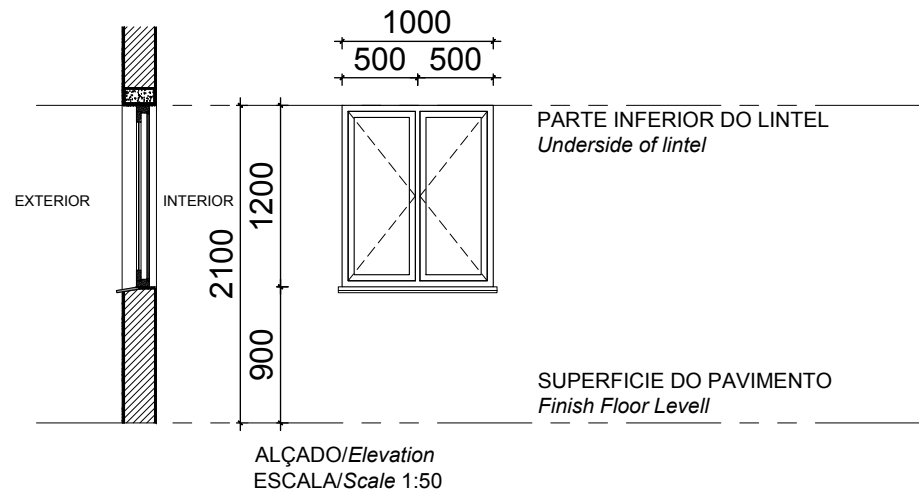
ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED/VERIFIED ON SITE AND ANY DISCREPENCIES ARE TO BE REPORTED TO THE ARCHITECT
TODAS DIMENSÕES E NÍVEIS DEVEM SER VERIFICADOS NA OBRA E QUALQUER DISCREPÂNCIA DEVERÁ SER COMUNICADA AO ARQUITECTO



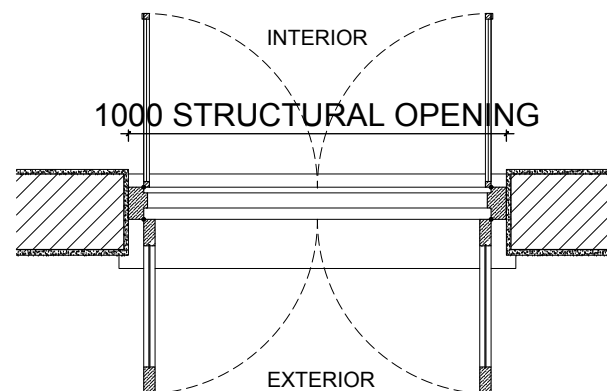
ALÇADO/Elevation
ESCALA/Scale 1:50



PLANTA/Plan
ESCALA/Scale 1:20



ALÇADO/Elevation
ESCALA/Scale 1:50



PLANTA/Plan
ESCALA/Scale 1:20

NOTES:

- ALL DOORS WILL BE OF UMBILA OR OF EQUIVALENT WOOD QUALITY & APPROVED BY CLIENT
- ALL OF THE CASEMENT WINDOWS WILL ALSO TAKE ONE MORE CASEMENT LEAF INSIDE IN MOSQUITO NET
- ALL OPENINGS SIZE TO BE CONFIRMED ON SITE BEFORE MANUFACTURING
- SHOP DRAWINGS TO BE APPROVED BY ARCHITECT BEFORE MANUFACTURING
- REFER TO WINDOW & DOOR SCHEDULE KEY PLAN

ESTE DESENHO É PARA SER LIDO EM CONJUNTO COM:

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ARCHITECTURAL
EA-MZ-CI0100-WOR-E04-00612-01

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A	12/08/15	MM	CP	ISSUED INTERNAL REVIEW
B	12/08/15	MM	CP	ISSUED FOR DETAIL DESIGN
C	12/08/15	MM	CP	ISSUED FOR SQUAD CHECK
D	01/10/15	MM	CP	ISSUED FOR CLIENT REVIEW
E	13/11/15	MM	CP	ISSUED CLIENT APPROVAL
0	25/11/15	MM	CP	ISSUED FOR CONSTRUCTION



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MESCH
arquitectos

CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION

CENTRO COMUNITÁRIO - MAPA
DE VÃOS FOLHA 4 DE 5
COMMUNITY CENTRE - WINDOW
& DOOR SCHEDULE SHEET 4 OF
5

SCALE
A3@AS SHOWN

DATE
NOV 2015

DRAWING NUMBER:
C00290-00-AR-SCH-0005-004

REV Nº
0

ANADARKO DRAWING NUMBER:
EA-MZ-CI0100-WOR-E05-00046-04

SALA COMUNITÁRIA/Community Hall

DOOR SCHEDULE/Mapa de vãos: Portas

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Handwritten signatures and initials in blue ink.

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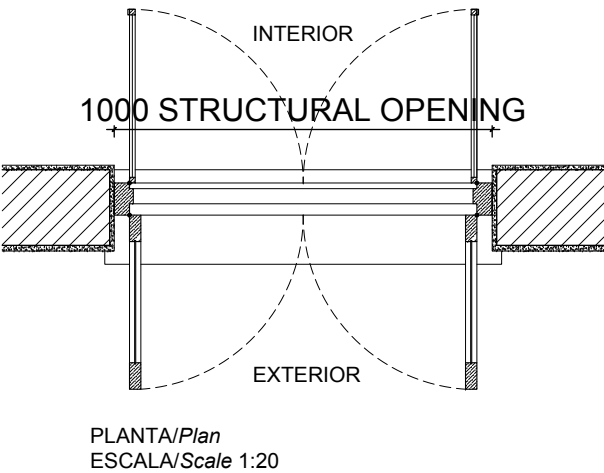
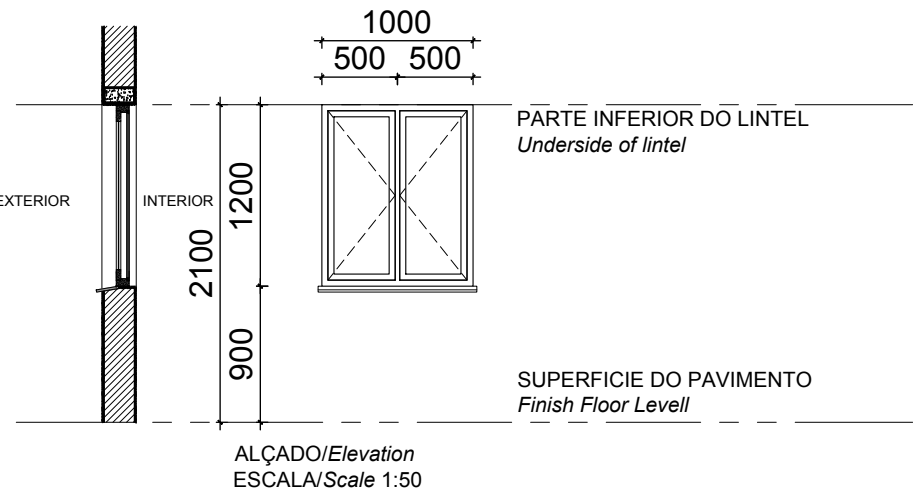
PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
CENTRO COMUNITÁRIO - MAPA
DE VÃOS FOLHA 3 DE 5
COMMUNITY CENTRE - WINDOW
& DOOR SCHEDULE SHEET 3 OF
5

SCALE A3@AS SHOWN	DATE NOV 2015
DRAWING NUMBER: C00290-00-AR-SCH-0005-003	REV Nº 0
ANADARKO DRAWING NUMBER: EA-MZ-CI0100-WOR-E05-00046-03	

ADMISTRAÇÃO/ Administration WINDOWS & DOOR SCHEDULE/ Mapa de vãos: Janelas & Portas

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Code: Codigo:	W3	Position: Localização:	Admin. Block	Qty: Qtd:	6
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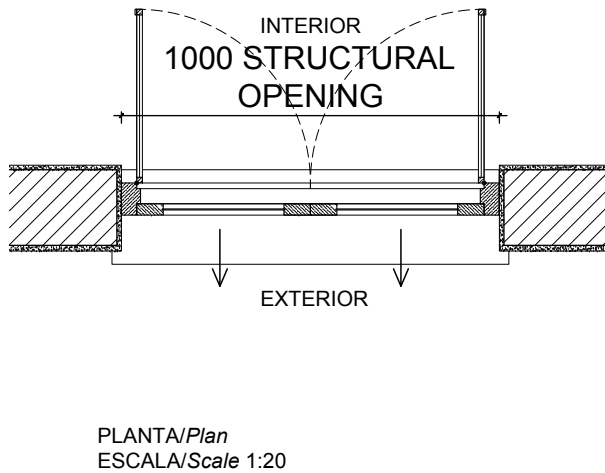
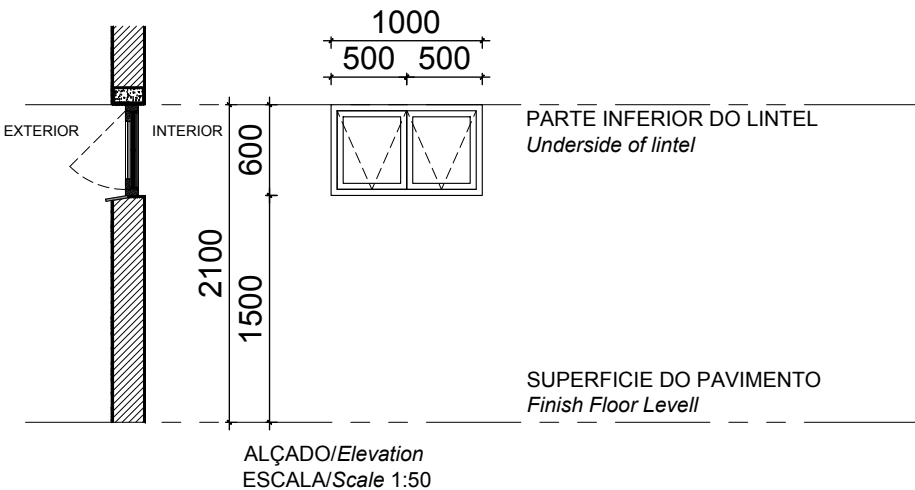
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-----------------------	---

Finish: Acabamentos:	1 COAT PRIMER 1 COAT UNDERCOAT AND 2 COATS PLASCON ENAMEL DOORS & TRIMS COLOUR "LIGHT BROWN" OR EQUAL & APPROVED
--------------------------------	--

Ironmongery Ferragens	102 x 75 x 3mm PVD DOUBLE BALL BEARING BUTT HINGE X 2 PER WINDOW PANEL GLASS PANELS WITH CASEMENT FASTENER (HANDLE & WEDGE) & SLIDING STAY OPEN OUT ALL IN SATIN CHROME FINISH MOSQUITO SCREEN PANELS WITH CASEMENT FASTENER (HANDLE & WEDGE) IN SATIN CHROME FINISH
---------------------------------	--

Glazing: Vidros:	3mm CLEAR GLASS
----------------------------	-----------------

Glazing Notes:



Code: Codigo:	W4	Position: Localização:	WC & STORE	Qty: Qtd:	2
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Frame: Aro:	WOOD FRAME TO MANUFACTURERS SPECS SOLID TIMBER TOP HUNG WINDOW, 2 GLASS PANELS ON OUTSIDE & 2 MOSQUITO SCREEN PANELS ON THE INSIDE WINDOW TO BE FROM SWARTLAND OR SIMILAR
-----------------------	---

Finish: Acabamentos:	1 COAT PRIMER 1 COAT UNDERCOAT AND 2 COATS PLASCON ENAMEL DOORS & TRIMS COLOUR "LIGHT BROWN" OR EQUAL & APPROVED
--------------------------------	--

Ironmongery Ferragens	PIVOT AT THE TOP WITH OUTWARD SWINGING SASH AND PUSH OUT LEVER TO MANUFACTURER SPEC'S. GLASS PANELS WITH CASEMENT FASTENER (HANDLE & WEDGE) & SLIDING STAY OPEN OUT ALL IN SATIN CHROME FINISH MOSQUITO SCREEN PANELS WITH CASEMENT FASTENER (HANDLE & WEDGE) IN SATIN CHROME FINISH
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Glazing: Vidros:	3mm CLEAR GLASS
----------------------------	-----------------

Glazing Notes:

W J L B S

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PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
CENTRO COMUNITÁRIO - MAPA
DE VÃOS FOLHA 2 DE 5
COMMUNITY CENTRE - WINDOW
& DOOR SCHEDULE SHEET 2 OF 5

SCALE A3@AS SHOWN	DATE NOV 2015
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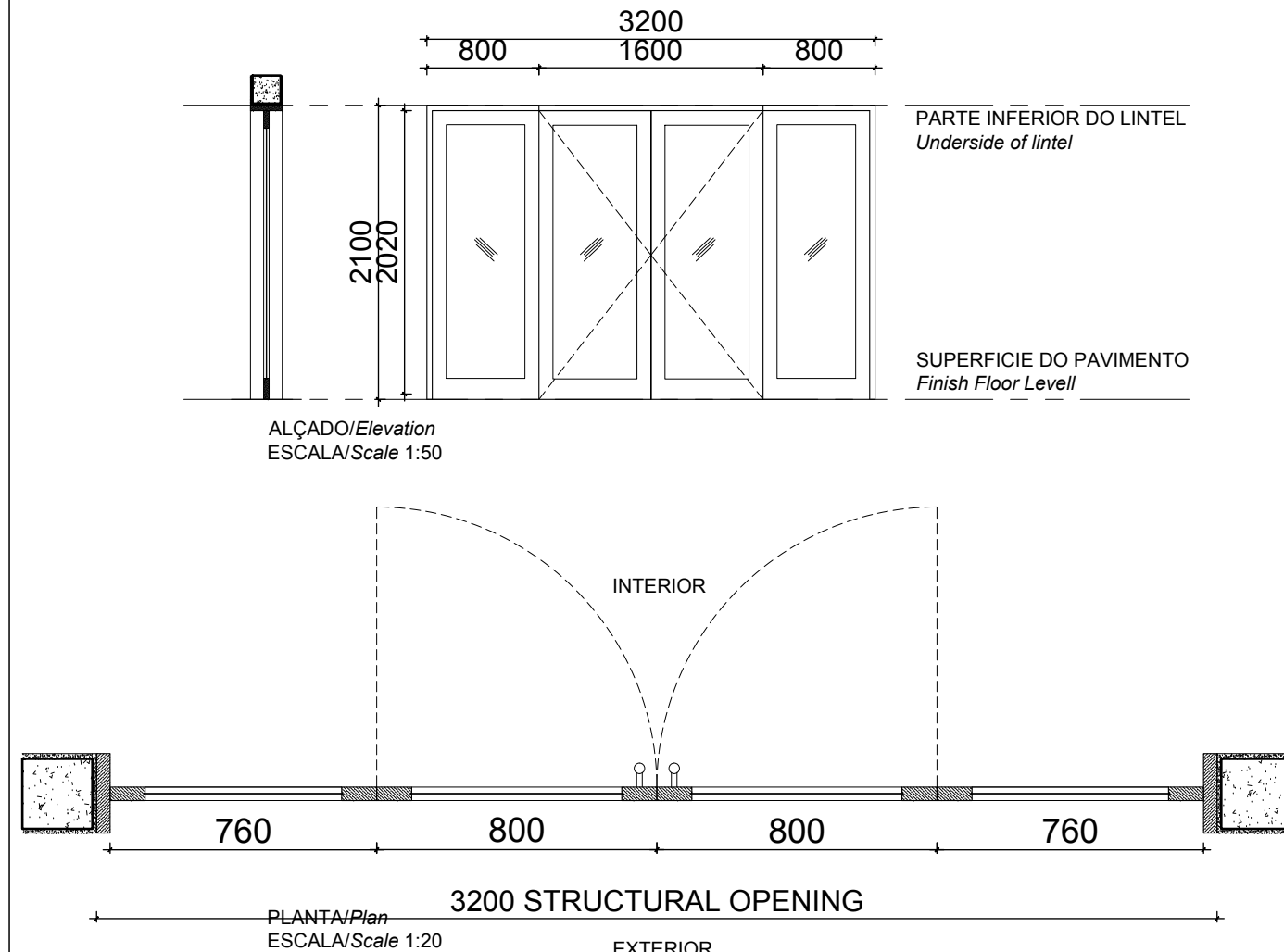
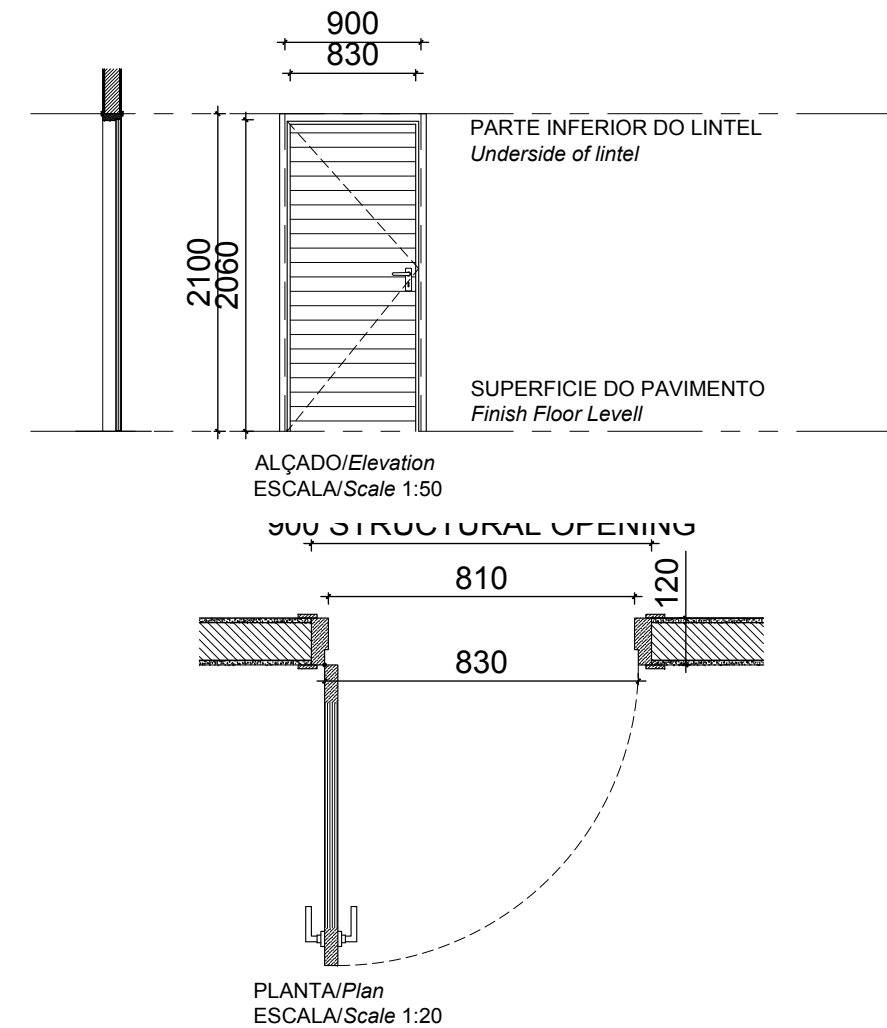
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Code: Codigo:	D2	Position: Localização:	Administration	Qty: Qtd:	4	Code: Codigo:	D9	Position: Localização:	Administration Reception	Qty: Qtd:	1
Frame: Aro:	WOOD FRAME TO MANUFACTURERS SPECS SEMI SOLID TIMBER DOOR DOORS TO BE TYPE ZKID - from SWARTLAND OR SIMILAR					Frame: Aro:	WOOD FRAME TO MANUFACTURERS SPECS SOLID WOOD DOOR WITH GLASS PANES DOOR TO BE from SWARTLAND OR SIMILAR				
Finish: Acabamentos:	3 COATS CLEAR VARNISH					Finish: Acabamentos:	1 COAT PRIMER 1 COAT UNDERCOAT AND 2 COATS PLASCON ENAMEL DOORS & TRIMS COLOUR "LIGHT BROWN" OR EQUAL & APPROVED				
Ironmongery Ferragens	102 x 75 x 3mm PVD DOUBLE BALL BEARING BUTT HINGE X 3 PER DOOR LOCK (2 LEAVER) WITH HANDLES POLISHED CHROME FINISH SIMILAR TO YALE GOWER HANDLE					Ironmongery Ferragens	IRONMONGERY TO MANUFACTURERS SPECS				
Glazing: Vidros:						Glazing: Vidros:	3mm LAMINATED CLEAR GLASS				
Glazing Notes:						Glazing Notes:					

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arquitectos

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PROJECT

AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION

CENTRO COMUNITÁRIO - MAPA
DE VÃOS FOLHA 1 DE 5
COMMUNITY CENTRE - WINDOW
& DOOR SCHEDULE SHEET 1 OF
5

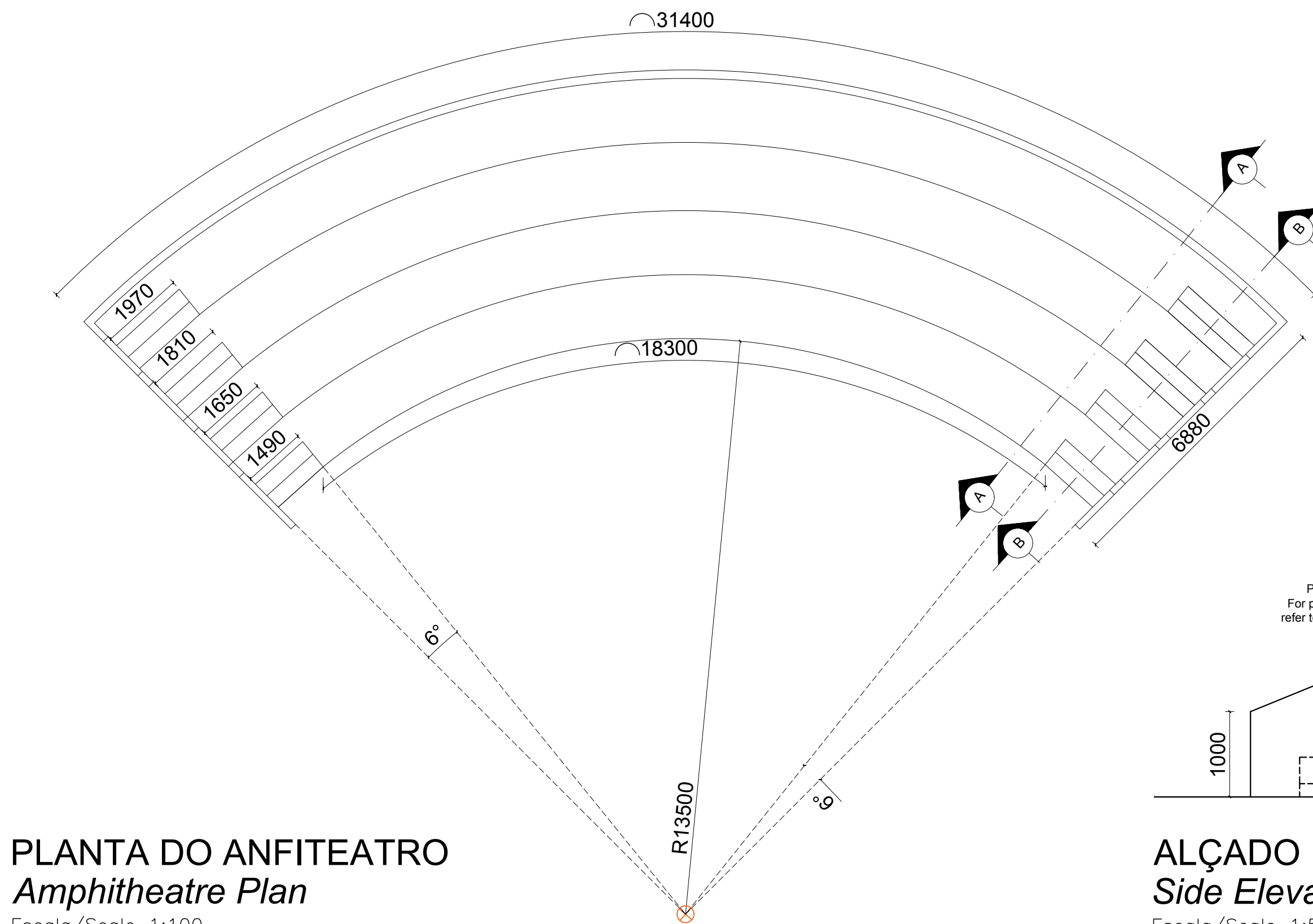
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DATE
NOV 2015

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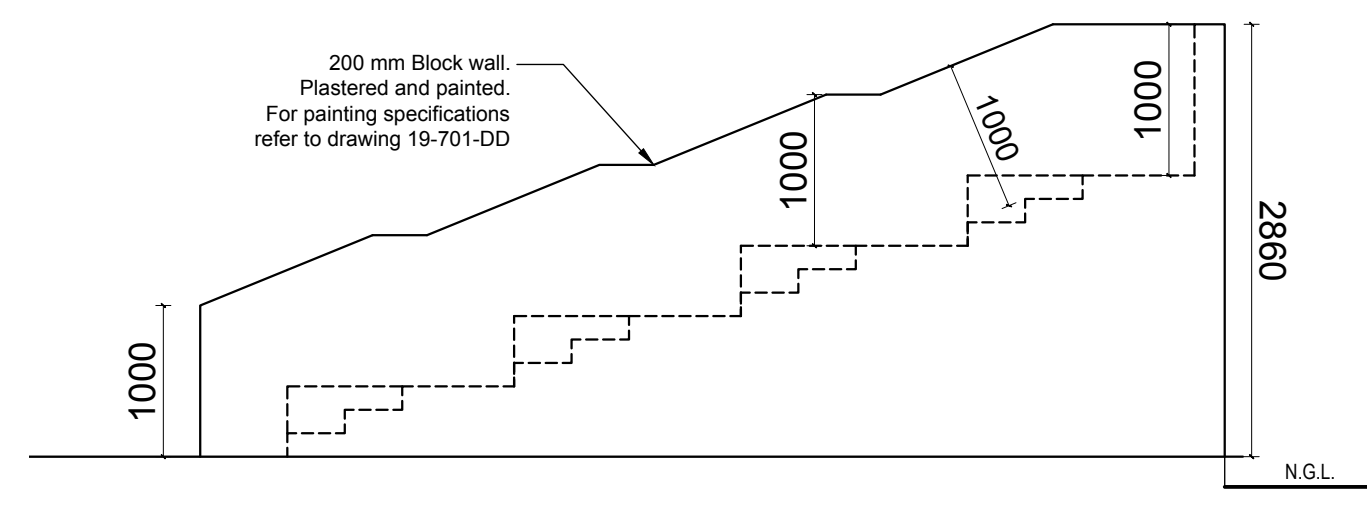
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ANADARKO DRAWING NUMBER:
EA-MZ-CI0100-WOR-E05-00046-01



PLANTA DO ANFITEATRO
Amphitheatre Plan

Escala/Scale 1:100



ALÇADO LATERAL
Side Elevation

Escala/Scale 1:50



CORTE AA
Section AA

Escala/Scale 1:50



CORTE BB
Section BB

Escala/Scale 1:50

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WATER

EA-MZ-CI0100-WOR-E05-00595-01
EA-MZ-CI0100-WOR-E05-00595-02
EA-MZ-CI0100-WOR-E05-00595-03

ELECTRICAL

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DESIGNER :	AP		
PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:	G MARAVIGLIA		

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GAS DEVELOPMENT PROJECT

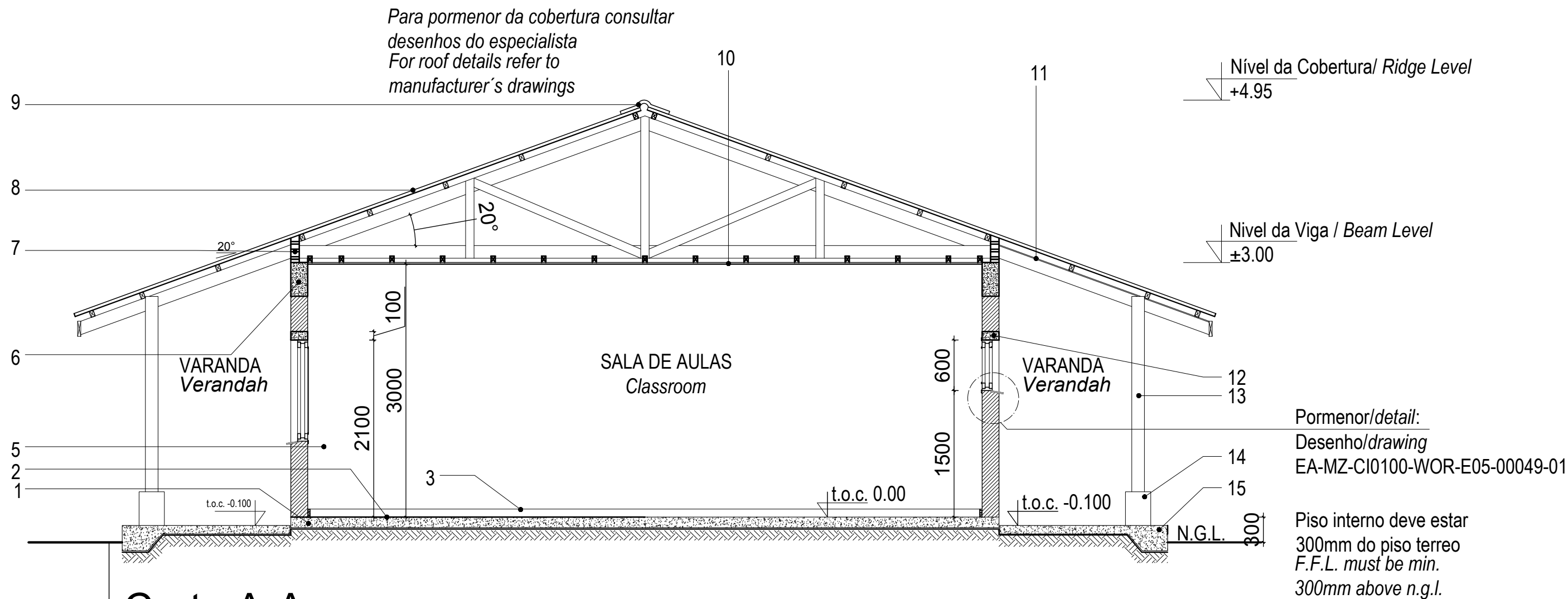
Anadarko
Moçambique Área 1, Lda

PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**CENTRO COMUNITÁRIO -
PORMENOR DO ANFITEATRO**

**COMMUNITY CENTRE -
AMPHITHEATRE DETAIL**

SCALE AS SHOWN ORIGINAL DWG SIZE A2	DATE NOV 2015
DRAWING NUMBER C00290-00-AR-DRD-0002-001	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00045-01	



Corte A-A Section A-A

Escala/Scale 1:50

Legenda Key

1_Laje de pavimento em betão

Concrete slab

2_Acabamento do pavimento em cimento queimado

Concrete floor to have power float finish

3_Parede com reboco liso, pintada a tinta plástica

Wall with plain plaster and PVA painted

4_Viga de coroamento em betão armado

Concrete ring beam

5_Blocos ventiladores com rede mosquiteira sintectica

Vent blocks with mosquito net

6_Cobertura em chapas metálicas esmaltadas com perfil IBR

com isolamento Sisolation 405

Enameled metalic roof sheeting with IBR profile on graded SA pine battens

with sisalation 405 roof underlay fixed to prefabricated roof trusses

7_Cumeeira em chapa esmaltada

Enameled sheet ridge cap

8_Tecto falso em placas de gesso cartonado pintado a tinta plástica

sob estrutura de madeira

Ceiling in Gypsum board PVA painted under wooden structure

9_Tecto falso NUTEC em fibra de cimento

Fiber cement NUTEC soffit board

10_Lintel em betão armado

Concrete lintel

11_Pilar em madeira tratada

Treated timber column

12_Base do pilar em betão, pitado a tinta plástica

Concrete column base, painted with washable PVA paint

13_Laje de pavimento da varanda

Concrete verandah slab

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CHECKED :	MM		
DESIGNER :	AP		
PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:	G MARAVIGLIA		

CLIENT



PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

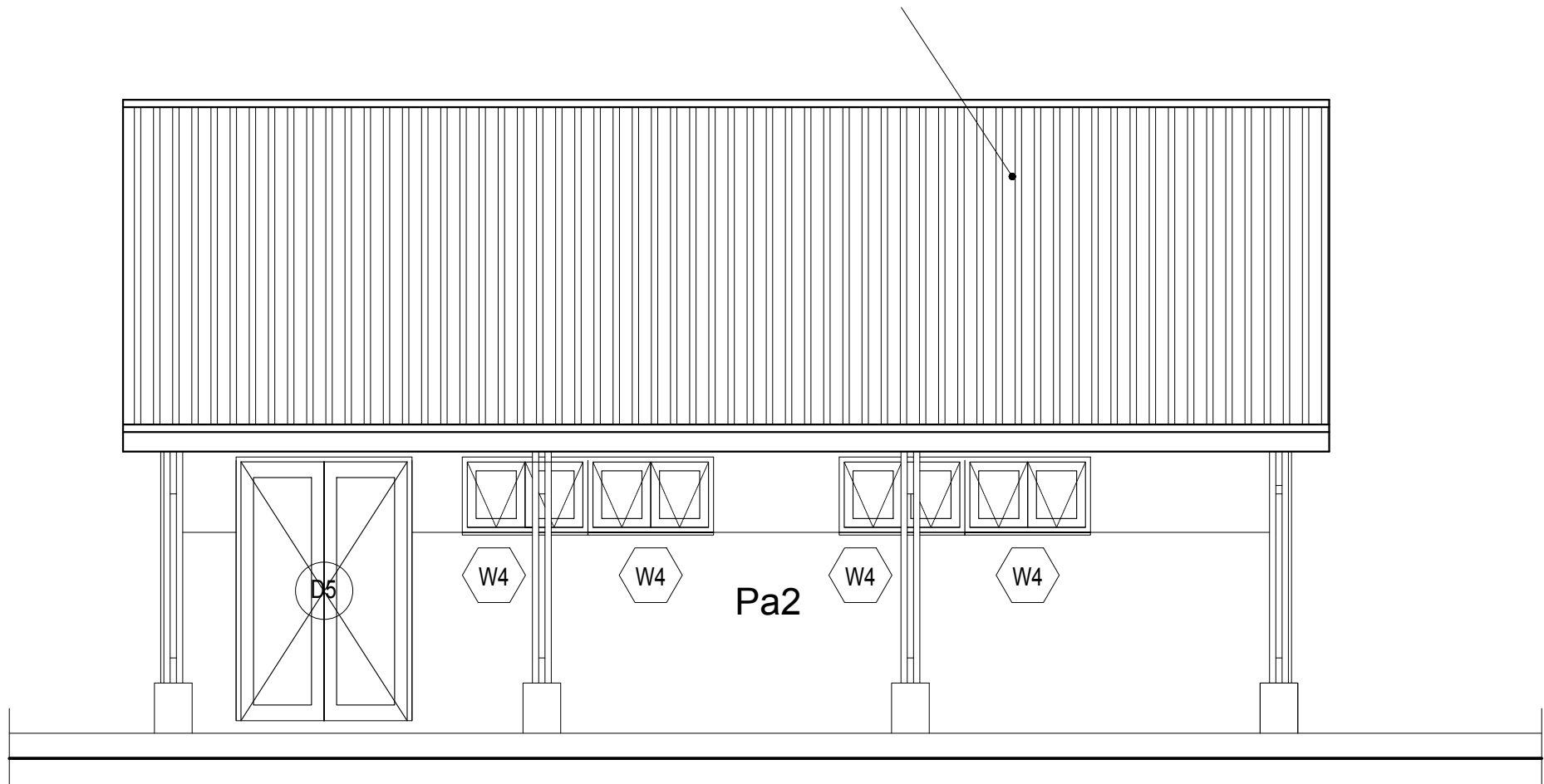
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LAYOUT DA SALA DE AULAS FOLHA
3 DE 3

COMMUNITY CENTRE -
CLASSROOM LAYOUT SHEET 3 OF 3

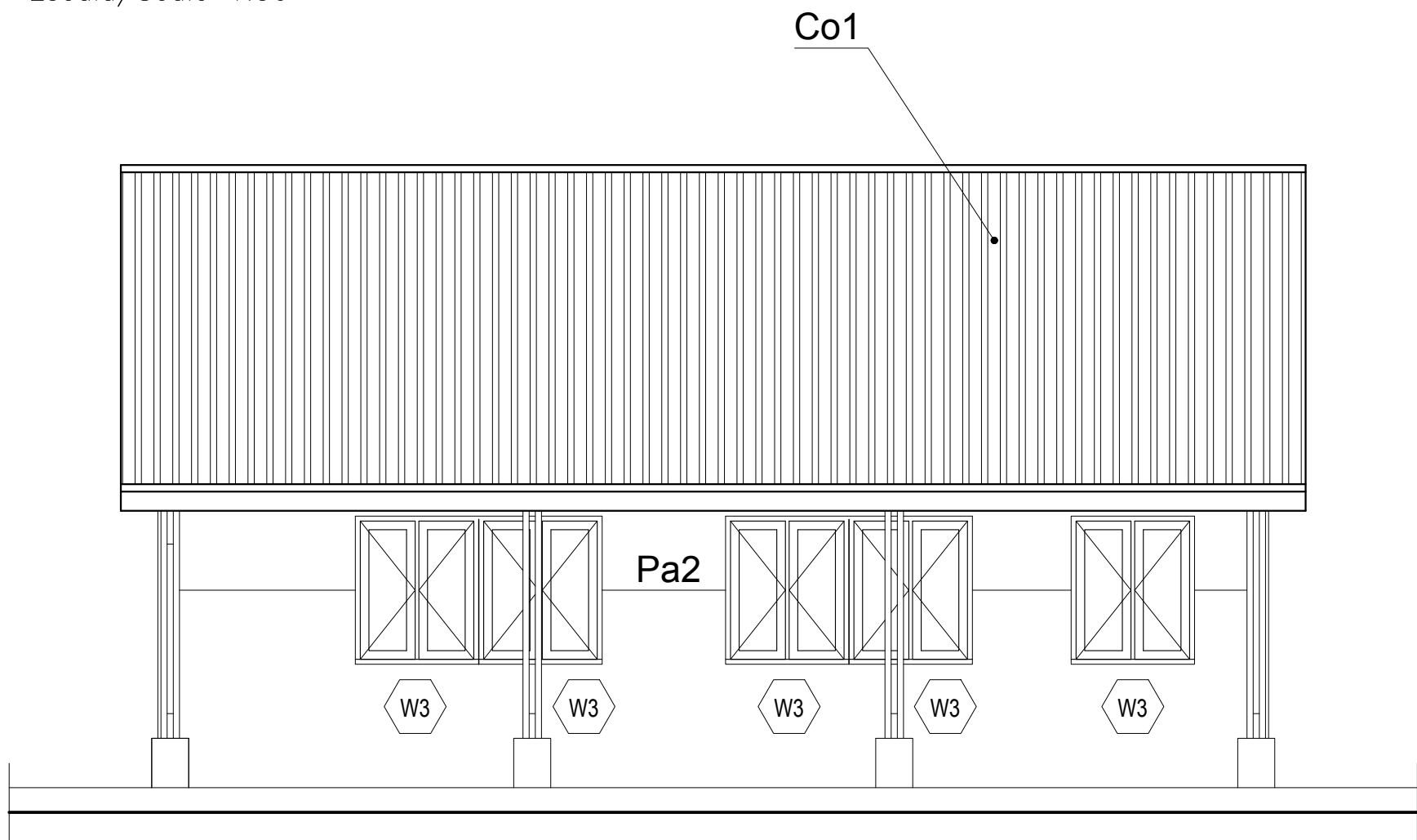
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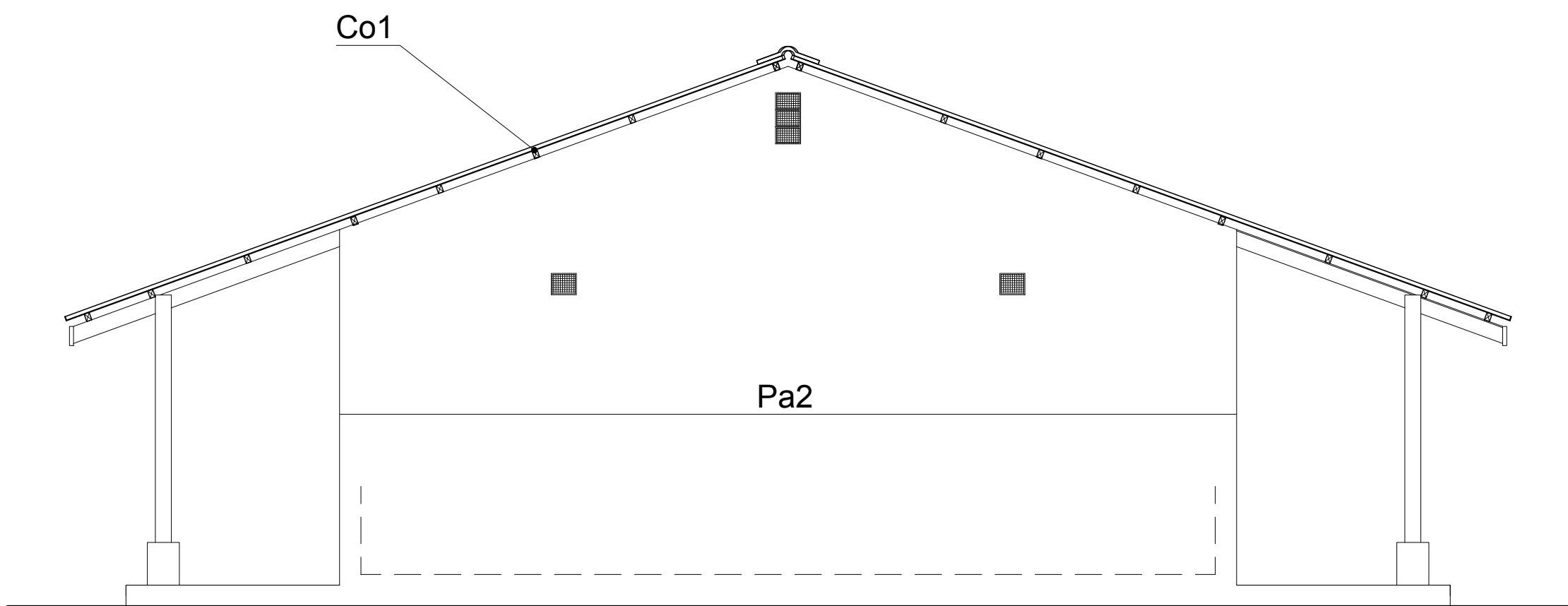
ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E04-01113-03



ALÇADO FRONTAL
Front Elevation
Escala/Scale 1:50



ALÇADO POSTERIOR
Back Elevation
Escala/Scale 1:50



ALÇADO LATERAL
Side Elevation
Escala/Scale 1:50

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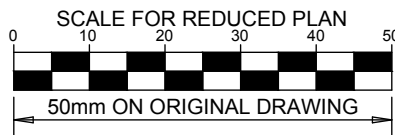
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STRUCTURAL
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EA-MZ-CI0100-WOR-E05-00006-01
EA-MZ-CI0100-WOR-E05-00007-01
EA-MZ-CI0100-WOR-E05-00008-01
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EA-MZ-CI0100-WOR-E05-00557-01
EA-MZ-CI0100-WOR-E05-00558-01
EA-MZ-CI0100-WOR-E04-00030-01
EA-MZ-CI0100-WOR-E05-00083-01
EA-MZ-CI0100-WOR-E05-00084-01
EA-MZ-CI0100-WOR-E05-00516-01
EA-MZ-CI0100-WOR-E05-00517-01
EA-MZ-CI0100-WOR-E05-00518-01
EA-MZ-CI0000-WOR-E05-00052-01

WATER
EA-MZ-CI0100-WOR-E05-00595-01
EA-MZ-CI0100-WOR-E05-00595-02
EA-MZ-CI0100-WOR-E05-00595-03

ELECTRICAL
EA-MZ-CI0100-WOR-E02-00532-01
EA-MZ-CI0100-WOR-E02-00531-01
EA-MZ-CI0100-WOR-E02-00530-01
EA-MZ-CI0100-WOR-E02-00535-01



NOTES

ESTE DESENHO É PARA SER LIDO EM CONJUNTO COM:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH:

ARCHITECTURAL
EA-MZ-CI0100-WOR-E04-00505-01
EA-MZ-CI0100-WOR-E04-00600-02
EA-MZ-CI0100-WOR-E05-00028-01 (DETAIL A)
EA-MZ-CI0100-WOR-E05-00029-01 (DETAIL B)
EA-MZ-CI0100-WOR-E04-00606-01
EA-MZ-CI0100-WOR-E05-00044-01

STRUCTURAL
EA-MZ-CI0100-WOR-E05-00616-01
EA-MZ-CI0100-WOR-E05-00617-01
EA-MZ-CI0100-WOR-E05-00618-01
EA-MZ-CI0100-WOR-E05-00656-01
EA-MZ-CI0100-WOR-E05-00657-01
EA-MZ-CI0100-WOR-E05-00658-01

WATER
EA-MZ-CI0100-WOR-E05-01295-01

ELECTRICAL
EA-MZ-CI0100-WOR-E02-00630-01
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ISSUED FOR CONSTRUCTION

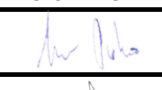
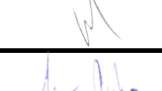


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A	12/08/15	MM	AP	ISSUED FOR INTERNAL REVIEW
B	12/08/15	MM	AP	ISSUED FOR DETAIL DESIGN
C	12/08/15	MM	AP	ISSUED FOR SQUAD CHECK
D	01/10/15	MM	AP	ISSUED FOR CLIENT REVIEW
E	16/11/15	MM	AP	ISSUED CLIENT APPROVAL
O	25/11/15	MM	AP	ISSUED FOR CONSTRUCTION

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MESCI			
arquitectos			
	NAME	SIGNATURE	DATE
DRAWN BY:	AP		
CHECKED :	MM		
DESIGNER :	AP		
PR ENG :			
PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:			

CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE




DRAWING DESCRIPTION
CENTRO COMUNITÁRIO -
LAYOUT DA SALA DE AULAS FOLHA
2 DE 3

COMMUNITY CENTRE -
CLASSROOM LAYOUT SHEET 2 OF 3

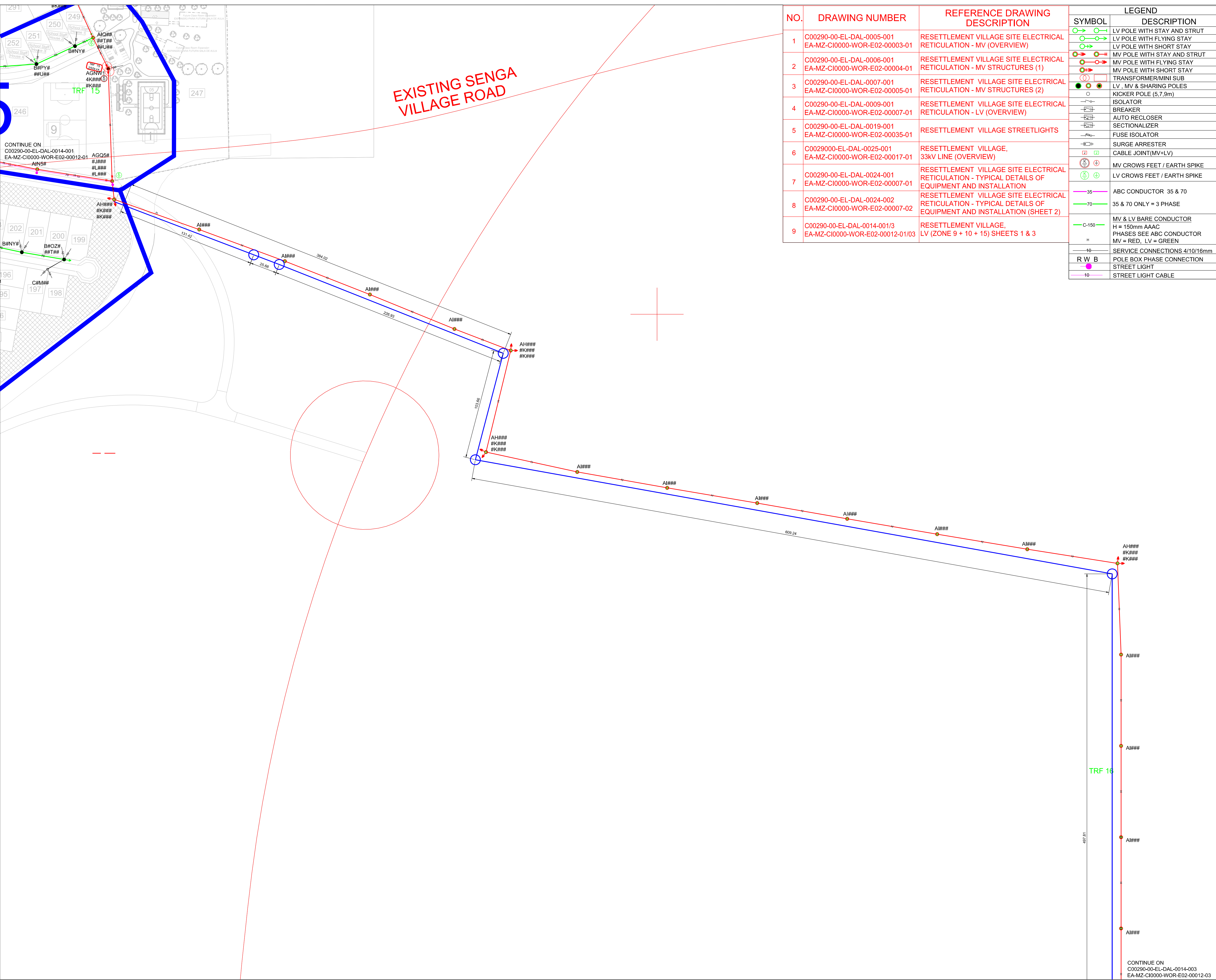
SCALE	DATE
AS SHOWN ORIGINAL DWG SIZE A1	NOVEMBER 2015

DRAWING NUMBER	REV NO
C00290-00-AR-DLP-0141-002	0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E04-01113-02

	<i>Mozambique Gas Development</i>		 Moçambique Área 1, Lda 
	Resettlement Plan		
	Annex I: Construction drawings		
	Rev. 1	Rev Date: 27-May-16	

8. ELECTRICAL



NO.	DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
1	C00290-00-EL-DAL-0005-001 EA-MZ-CI0000-WOR-E02-00003-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV (OVERVIEW)
2	C00290-00-EL-DAL-0006-001 EA-MZ-CI0000-WOR-E02-00004-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (1)
3	C00290-00-EL-DAL-0007-001 EA-MZ-CI0000-WOR-E02-00005-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (2)
4	C00290-00-EL-DAL-0009-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (OVERVIEW)
5	C00290-00-EL-DAL-0019-001 EA-MZ-CI0000-WOR-E02-00035-01	RESETTLEMENT VILLAGE STREETLIGHTS
6	C0029000-EL-DAL-0025-001 EA-MZ-CI0000-WOR-E02-00017-01	RESETTLEMENT VILLAGE, 33kV LINE (OVERVIEW)
7	C00290-00-EL-DAL-0024-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION
8	C00290-00-EL-DAL-0024-002 EA-MZ-CI0000-WOR-E02-00007-02	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION (SHEET 2)
9	C00290-00-EL-DAL-0014-001/3 EA-MZ-CI0000-WOR-E02-00012-01/03	RESETTLEMENT VILLAGE, LV (ZONE 9 + 10 + 15) SHEETS 1 & 3

LEGEND	
SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	LV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	TRANSFORMER/MINI SUB
	LV , MV & SHARING POLES
	KICKER POLE (5,7,9m)
	ISOLATOR
	BREAKER
	AUTO RECLOSER
	SECTIONALIZER
	FUSE ISOLATOR
	SURGE ARRESTER
	CABLE JOINT(MV+LV)
	MV CROWS FEET / EARTH SPIKE
	LV CROWS FEET / EARTH SPIKE
	ABC CONDUCTOR 35 & 70
	35 & 70 ONLY = 3 PHASE
	MV & LV BARE CONDUCTOR H = 150mm AAAC PHASES SEE ABC CONDUCTOR MV = RED, LV = GREEN
	SERVICE CONNECTIONS 4/10/16mm
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE

NOTES

1. FOR POLE STRUCTURE CODES REFER TO C00290-00-EL-DAL-0006-001 EA-MZ-CI0000-WOR-E02-00004-01

KEYPLAN
SCALE: N.T.S.

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B	23/07/15	TM	TM	ISSUED FOR DETAILED DESIGN
C	17/09/15	TM	TM	ISSUED FOR SQUAD CHECK
D	03/10/15	GM	MM	ISSUED FOR CLIENT REVIEW
D1	20/11/15	GM	MM	ISSUED FOR CLIENT REVIEW
E	23/11/15	GM	MM	ISSUED FOR CLIENT APPROVAL
0	03/12/15	TM	MM	ISSUED FOR CONSTRUCTION

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NAME	SIGNATURE	DATE
DRAWN BY: M Maritz		30/09/2015
CHECKED: T Meyer		30/09/2015
DESIGNER: C Brandsen		30/09/2015
PR ENG: J Pretorius		30/09/2015
PROJECT ENG: L Padayachee		30/09/2015
MANAGER:		
LOCAL PR ENG:		
CLIENT:		

CLIENT

Moçambique Área 1, Lda

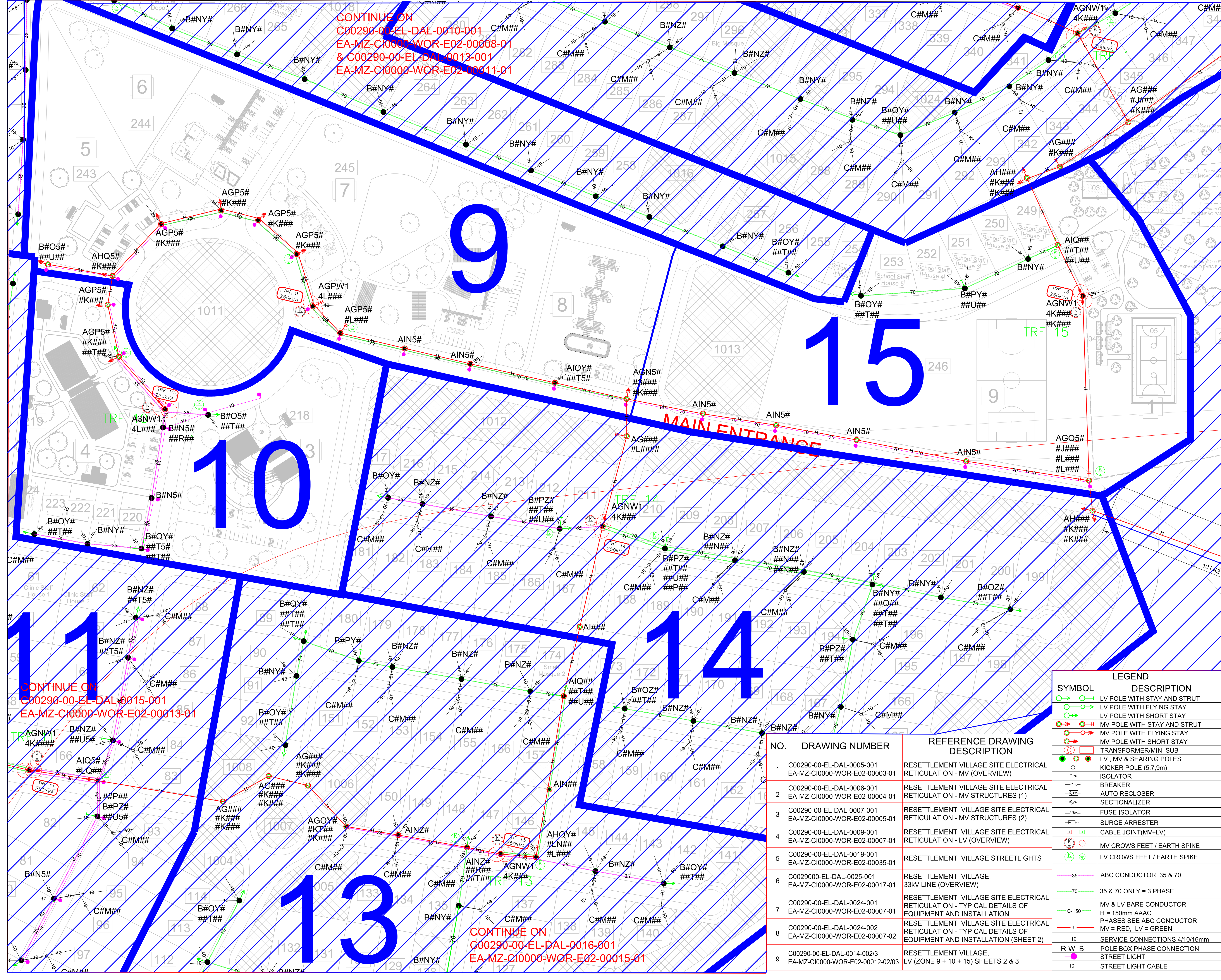
PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
RESETTLEMENT VILLAGE
SITE ELECTRICAL
RETICULATION -
LV (ZONE 9 + 10 + 15)
(SHEET 002)

SCALE NOT TO SCALE ORIGINAL DWG SIZE A1	DATE 03/12/2015
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DRAWING NUMBER C00290-00-EL-DAL-0014-002	REV NO 0
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ANADARKO DRAWING NUMBER
EA-MZ-CI0000-WOR-E02-00012-02



NOTES

1. FOR POLE STRUCTURE CODES REFER TO
C00290-00-EL-DAL-0006-001
EA-MZ-CI0000-WOR-E02-00004-01

KEYPLAN

SCALE: N.T.S.

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D1	20/11/15	GM	MM	ISSUED FOR CLIENT REVIEW
E	23/11/15	GM	MM	ISSUED FOR CLIENT APPROVAL
E	03/12/15	TM	MM	ISSUED FOR CONSTRUCTION

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PR ENG: J Pretorius		30/09/2015
PROJECT ENG. MANAGER: L Padayachee		30/09/2015
LOCAL PR ENG:		
CLIENT:		

LEGEND

SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	LV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	TRANSFORMER/MINI SUB
	LV, MV & SHARING POLES
	KICKER POLE (5,7,9m)
	ISOLATOR
	BREAKER
	AUTO RECLOSER
	SECTIONALIZER
	FUSE ISOLATOR
	SURGE ARRESTER
	CABLE JOINT(MV+LV)
	MV CROWS FEET / EARTH SPIKE
	LV CROWS FEET / EARTH SPIKE
	ABC CONDUCTOR 35 & 70
	35 & 70 ONLY = 3 PHASE
	MV & LV BARE CONDUCTOR
	H = 150mm AAC
	PHASES SEE ABC CONDUCTOR
	MV = RED, LV = GREEN
	SERVICE CONNECTIONS 4/10/16mm
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE

NO.	DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
1	C00290-00-EL-DAL-0005-001 EA-MZ-CI0000-WOR-E02-00003-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV (OVERVIEW)
2	C00290-00-EL-DAL-0006-001 EA-MZ-CI0000-WOR-E02-00004-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (1)
3	C00290-00-EL-DAL-0007-001 EA-MZ-CI0000-WOR-E02-00005-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (2)
4	C00290-00-EL-DAL-0009-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (OVERVIEW)
5	C00290-00-EL-DAL-0019-001 EA-MZ-CI0000-WOR-E02-00035-01	RESETTLEMENT VILLAGE STREETLIGHTS
6	C0029000-EL-DAL-0025-001 EA-MZ-CI0000-WOR-E02-00017-01	RESETTLEMENT VILLAGE, 33kV LINE (OVERVIEW)
7	C00290-00-EL-DAL-0024-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION
8	C00290-00-EL-DAL-0024-002 EA-MZ-CI0000-WOR-E02-00007-02	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION (SHEET 2)
9	C00290-00-EL-DAL-0014-002/3 EA-MZ-CI0000-WOR-E02-00012-02/03	RESETTLEMENT VILLAGE, LV (ZONE 9 + 10 + 15) SHEETS 2 & 3

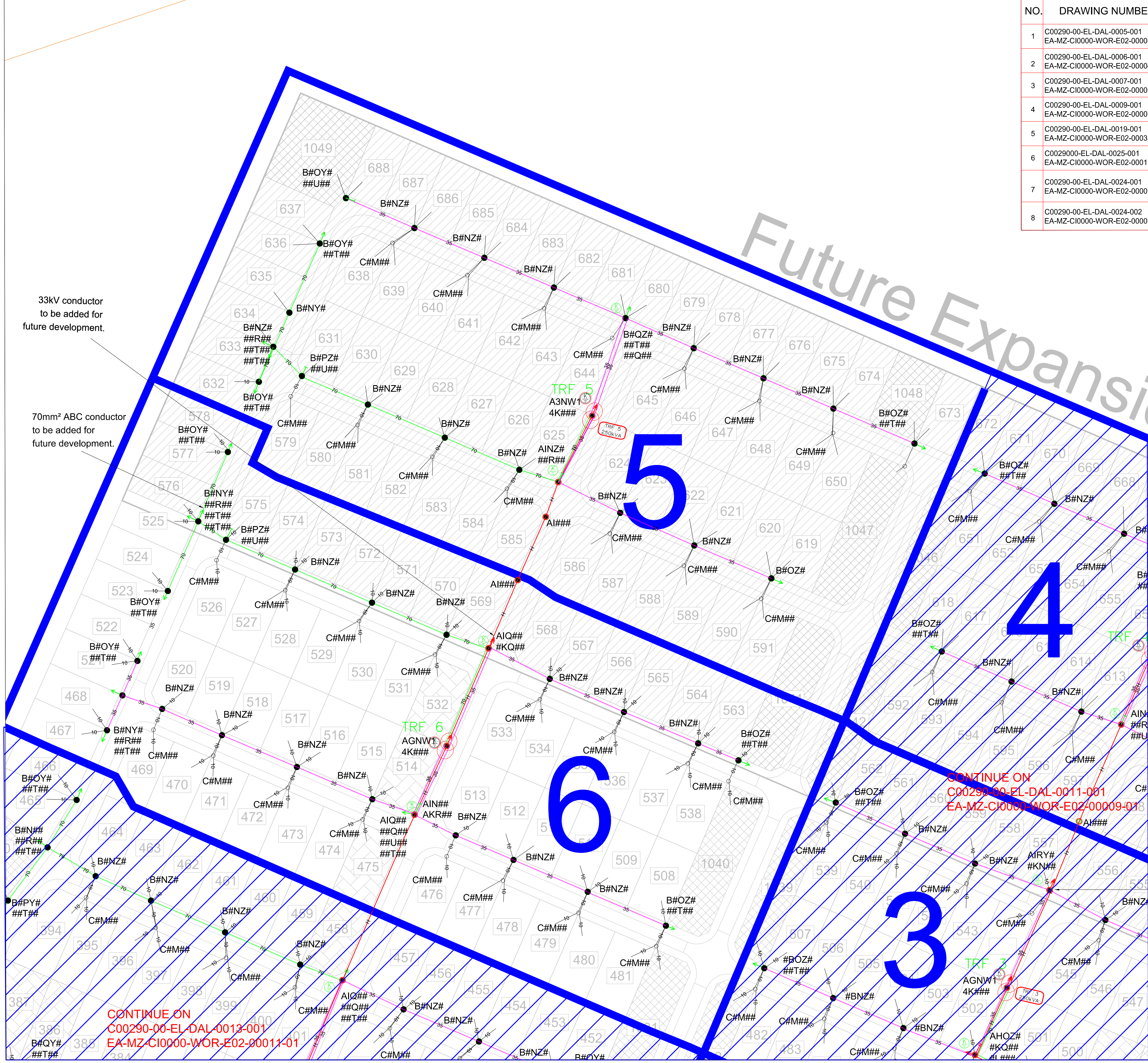
PROJECT

AMA 1 RESETTLEMENT VILLAGE

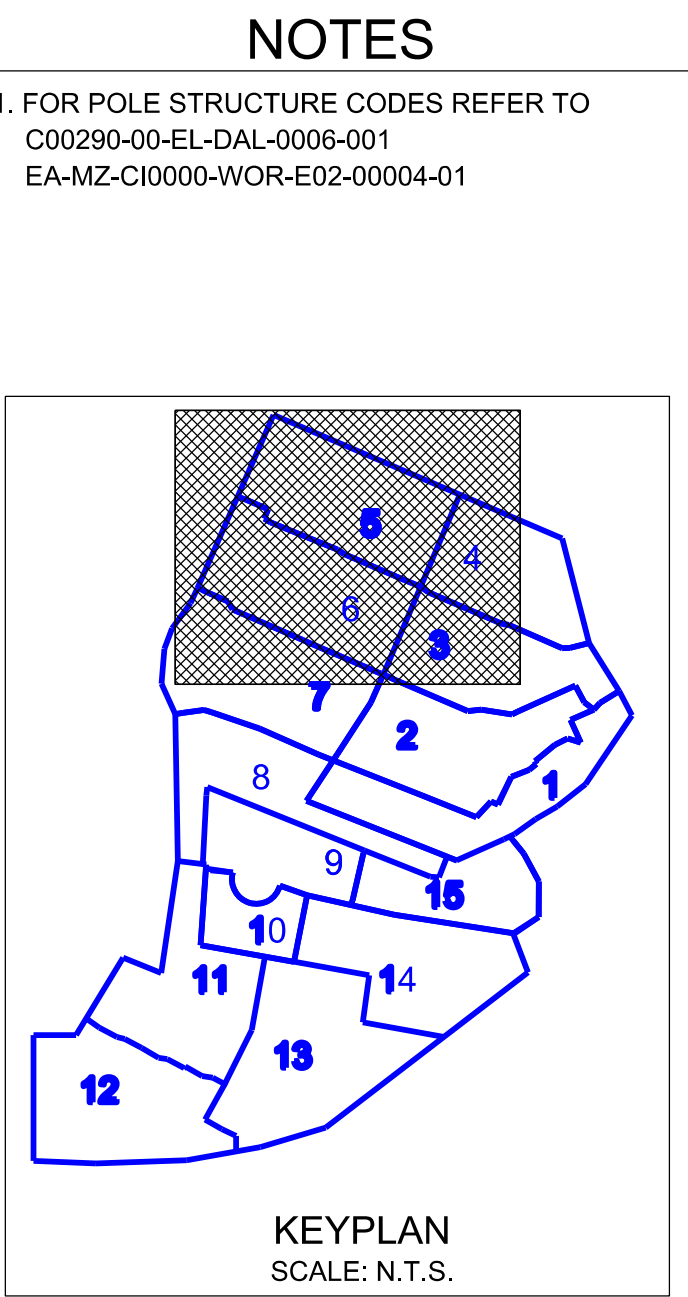
DRAWING DESCRIPTION

RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (ZONE 9 + 10 + 15) (SHEET 001)

SCALE	NOT TO SCALE	DATE	03/12/2015
DRAWING NUMBER	C00290-00-EL-DAL-0014-001	REV NO	0
ANADARKO DRAWING NUMBER	EA-MZ-CI0000-WOR-E02-00012-01		



NO.	DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
1	C00290-00-EL-DAL-0005-001 EA-MZ-CI0000-WOR-E02-00003-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV (OVERVIEW)
2	C00290-00-EL-DAL-0006-001 EA-MZ-CI0000-WOR-E02-00004-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (1)
3	C00290-00-EL-DAL-0007-001 EA-MZ-CI0000-WOR-E02-00005-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (2)
4	C00290-00-EL-DAL-0009-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (OVERVIEW)
5	C00290-00-EL-DAL-0019-001 EA-MZ-CI0000-WOR-E02-00035-01	RESETTLEMENT VILLAGE STREETLIGHTS
6	C0029000-EL-DAL-0025-001 EA-MZ-CI0000-WOR-E02-00017-01	RESETTLEMENT VILLAGE, 33kV LINE (OVERVIEW)
7	C00290-00-EL-DAL-0024-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION
8	C00290-00-EL-DAL-0024-002 EA-MZ-CI0000-WOR-E02-00007-02	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION (SHEET 2)



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E	23/11/15	GM	MM	ISSUED FOR CLIENT APPROVAL
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NAME	SIGNATURE	DATE
DRAWN BY: M Maritz		30/09/2015
CHECKED: T Meyer		30/09/2015
DESIGNER: C Brandsen		30/09/2015
PR ENG: J Pretorius		30/09/2015
PROJECT ENG. MANAGER: L Padayachee		30/09/2015
LOCAL PR ENG:		
CLIENT:		

PROJECT
AMA 1
RESETTLEMENT VILLAGE

DRAWING DESCRIPTION
RESETTLEMENT VILLAGE
SITE ELECTRICAL
RETICULATION -
LV (ZONE 5 + 6)

SCALE
NOT TO SCALE
ORIGINAL DWG SIZE A1

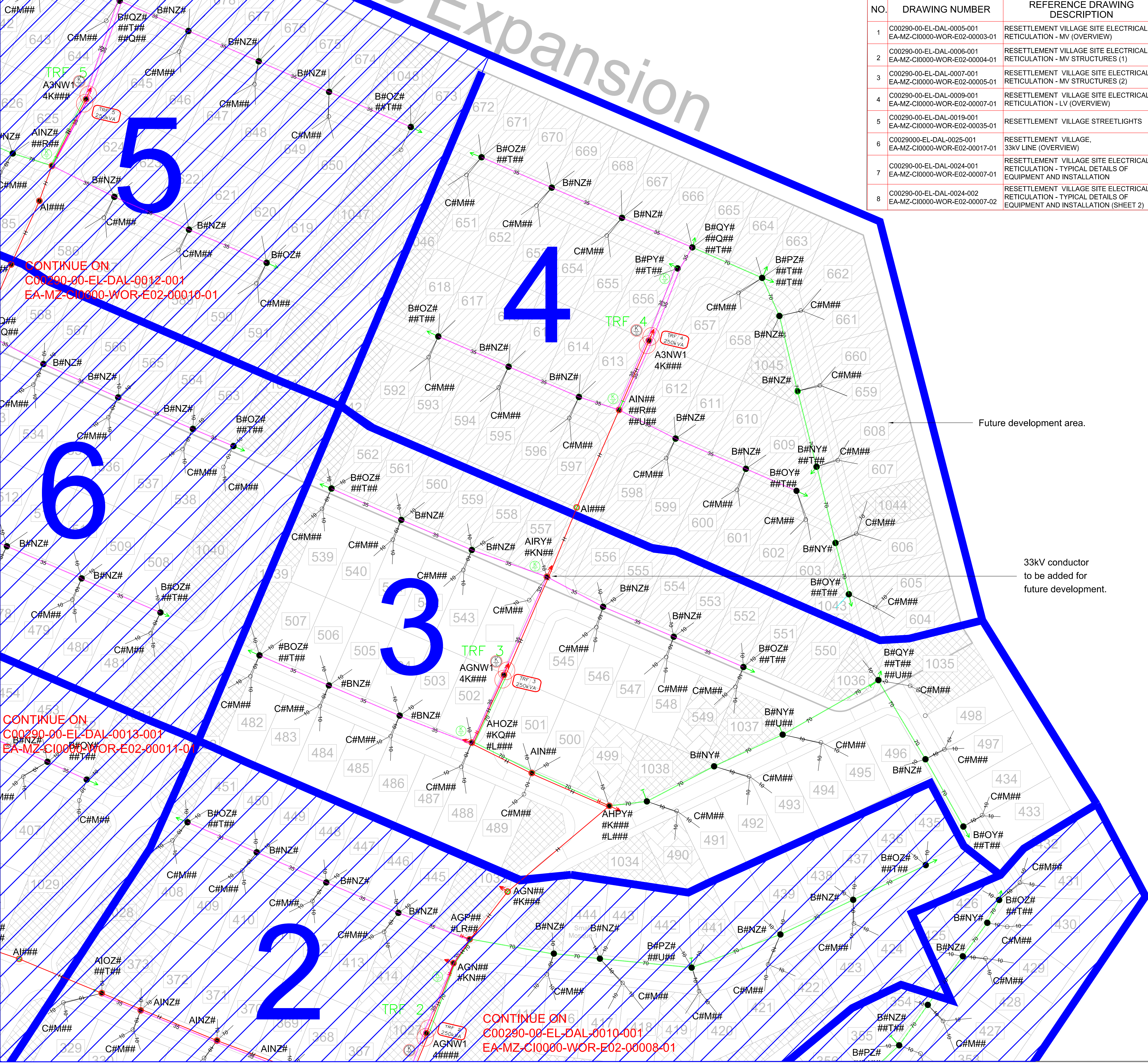
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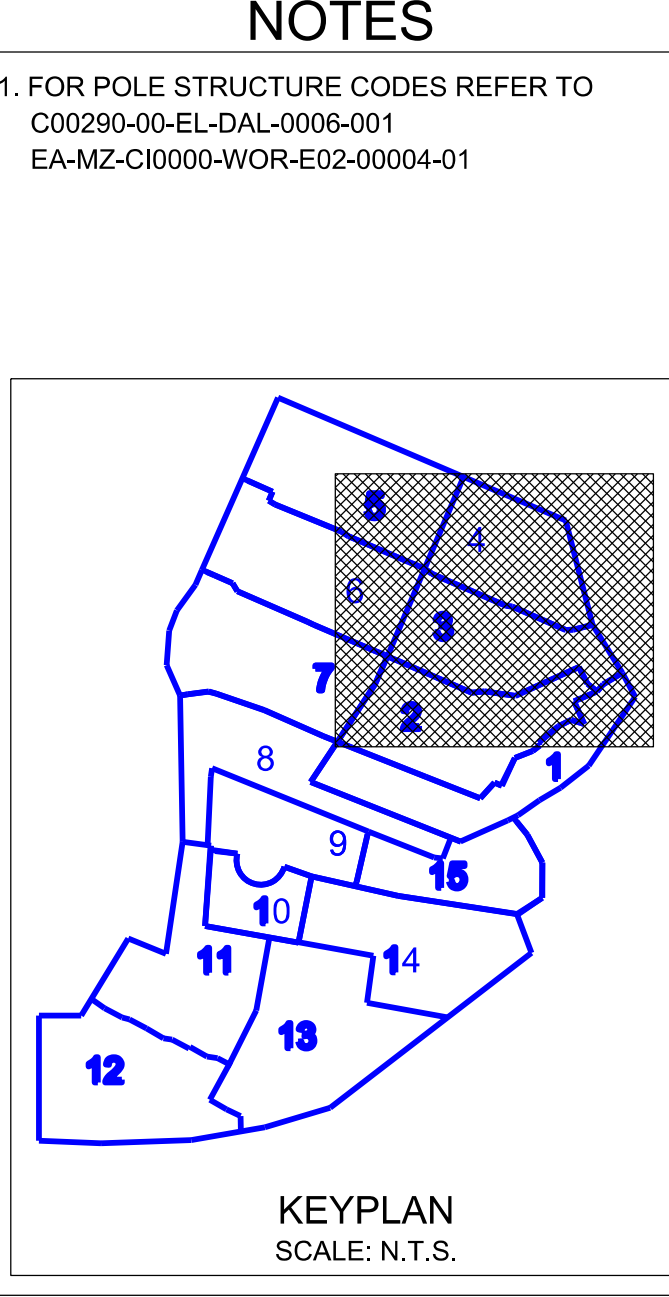
REV NO
0

LEGEND	
SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	LV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	TRANSFORMER/MINI SUB
	LV, MV & SHARING POLES
	KICKER POLE (5.7.9m)
	ISOLATOR
	BREAKER
	AUTO RECLOSER
	SECTIONALIZER
	FUSE ISOLATOR
	SURGE ARRESTER
	CABLE JOINT(MV+LV)
	MV CROWS FEET / EARTH SPIKE
	LV CROWS FEET / EARTH SPIKE
	ABC CONDUCTOR 35 & 70
	35 & 70 ONLY = 3 PHASE
	MV & LV BARE CONDUCTOR
	H = 150mm AAC
	PHASES SEE ABC CONDUCTOR
	MV = RED, LV = GREEN
	SERVICE CONNECTIONS 4/10/16mm
	R W B POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE



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4	C00290-00-EL-DAL-0009-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (OVERVIEW)
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LEGEND	
SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	LV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	TRANSFORMER/MINI SUB
	LV, MV & SHARING POLES
	KICKER POLE (5.7.9m)
	ISOLATOR
	BREAKER
	AUTO RECLOSER
	SECTIONALIZER
	FUSE ISOLATOR
	SURGE ARRESTER
	CABLE JOINT(MV+LV)
	MV CROWS FEET / EARTH SPIKE
	LV CROWS FEET / EARTH SPIKE
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	35 & 70 ONLY = 3 PHASE
	MV & LV BARE CONDUCTOR
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	PHASES SEE ABC CONDUCTOR
	MV = RED, LV = GREEN
	SERVICE CONNECTIONS 4/10/16mm
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE



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E	23/11/15	GM	MM	ISSUED FOR CLIENT APPROVAL
0	03/12/15	TM	MM	ISSUED FOR CONSTRUCTION

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	NAME	SIGNATURE	DATE
DRAWN BY:	M Maritz		30/09/2015
CHECKED:	T Meyer		30/09/2015
DESIGNER:	C Brandsen		30/09/2015
PR ENG:	J Pretorius		30/09/2015
PROJECT ENG. MANAGER:	L Padayachee		30/09/2015
LOCAL PR ENG:			
CLIENT:			

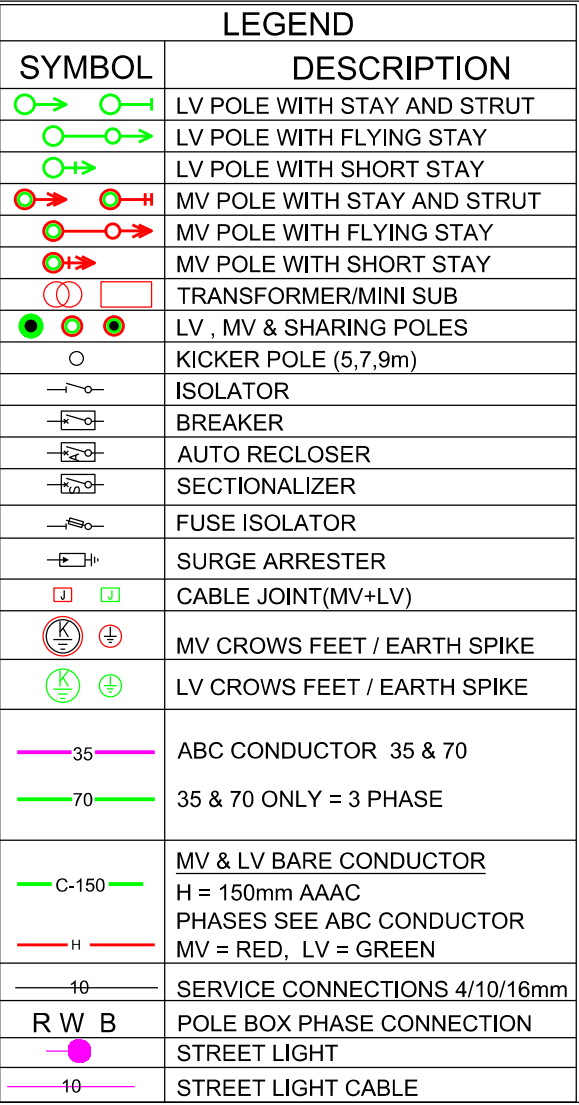


PROJECT
AMA 1
RESETTLEMENT VILLAGE

DRAWING DESCRIPTION
RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (ZONE 3 + 4)

SCALE NOT TO SCALE	DATE 03/12/2015
DRAWING NUMBER C00290-00-EL-DAL-0011-001	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0000-WOR-E02-00009-01	

LEGEND	
SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	LV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	TRANSFORMER/MINI SUB
	LV , MV & SHARING POLES
	KICKER POLE (5,7,9m)
	ISOLATOR
	BREAKER
	AUTO RECLOSER
	SECTIONALIZER
	FUSE ISOLATOR
	SURGE ARRESTER
	CABLE JOINT (MV+LV)
	MV CROWS FEET / EARTH SPIKE
	LV CROWS FEET / EARTH SPIKE
	ABC CONDUCTOR 35 & 70
	35 & 70 ONLY = 3 PHASE
	MV & LV BARE CONDUCTOR H = 150mm AACB
	PHASES SEE ABC CONDUCTOR MV = RED, LV = GREEN
	SERVICE CONNECTIONS 4/10/16mm
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	LIGHT CABLE



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dimensions must be verified on site before the works commence. Refer discrepancies to the Engineer.






REVISIONS

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A	23/07/15	TM	TM	ISSUED FOR INTERNAL REVIEW
B	23/07/15	TM	TM	ISSUED FOR DETAILED DESIGN
C	17/09/15	TM	TM	ISSUED FOR SQUAD CHECK
D	03/10/15	GM	MM	ISSUED FOR CLIENT REVIEW
E	23/11/15	GM	MM	ISSUED FOR CLIENT APPROVAL
O	03/12/15	TM	MM	ISSUED FOR CONSTRUCTION



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PR ENG:	J Pretorius		30/09/20
PROJECT ENG. MANAGER:	L Padayachee		30/09/20
LOCAL PR ENG:			
CLIENT:			

CLIENT



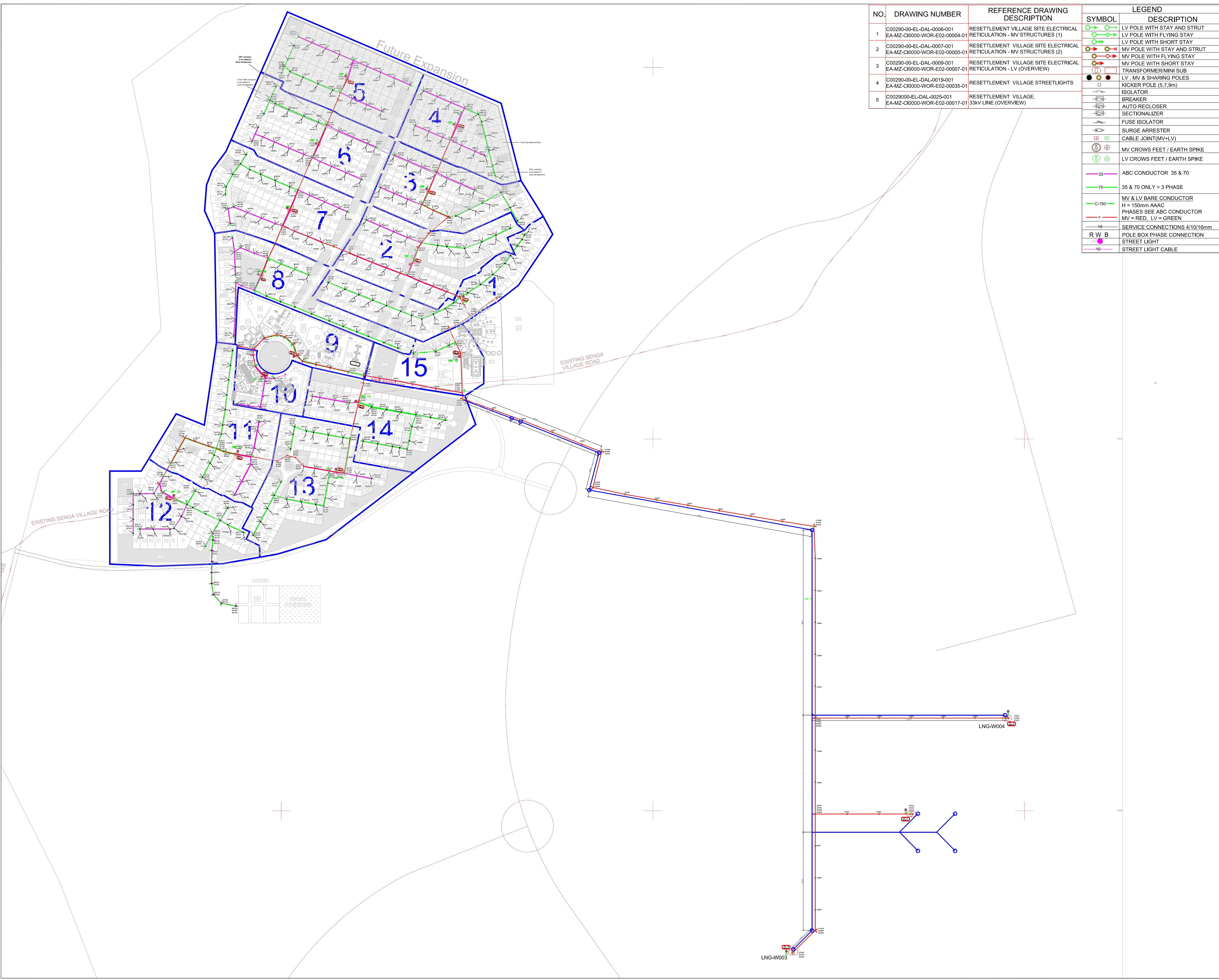
PROJECT
AMA 1
RESETTLEMENT
VILLAGE

RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (OVERVIEW)

SCALE NOT TO SCALE ORIGINAL DWG SIZE A1	DATE 03/12/2015
DRAWING NUMBER C00290-00-EL-DAL-0009-001	REV 0

NO.	DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
1	C00290-00-EL-DAL-0005-001 EA-MZ-CI0000-WOR-E02-00003-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV (OVERVIEW)
	C00290-00-EL-DAL-0006-001 EA-MZ-CI0000-WOR-E02-00004-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (1)
	C00290-00-EL-DAL-0007-001 EA-MZ-CI0000-WOR-E02-00005-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (2)
	C00290-00-EL-DAL-0019-001 EA-MZ-CI0000-WOR-E02-00035-01	RESETTLEMENT VILLAGE STREETLIGHTS
5	C0029000-EL-DAL-0025-001 EA-MZ-CI0000-WOR-E02-00017-01	RESETTLEMENT VILLAGE, 33KV LINE (OVERVIEW)
6	C00290-00-EL-DAL-0024-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION
	C00290-00-EL-DAL-0024-002 EA-MZ-CI0000-WOR-E02-00007-02	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION (SHEET 2)

NO.	DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
1	C00290-00-EL-DAL-0005-001 EA-MZ-CI0000-WOR-E02-00003-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV (OVERVIEW)
	C00290-00-EL-DAL-0006-001 EA-MZ-CI0000-WOR-E02-00004-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (1)
	C00290-00-EL-DAL-0007-001 EA-MZ-CI0000-WOR-E02-00005-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (2)
	C00290-00-EL-DAL-0019-001 EA-MZ-CI0000-WOR-E02-00035-01	RESETTLEMENT VILLAGE STREETLIGHTS
5	C0029000-EL-DAL-0025-001 EA-MZ-CI0000-WOR-E02-00017-01	RESETTLEMENT VILLAGE, 33KV LINE (OVERVIEW)
6	C00290-00-EL-DAL-0024-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION
	C00290-00-EL-DAL-0024-002 EA-MZ-CI0000-WOR-E02-00007-02	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION (SHEET 2)



NO.	DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
1	C00290-00-EL-DAL-0006-001 EA-MZ-CI0000-WOR-E02-00004-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (1)
2	C00290-00-EL-DAL-0007-001 EA-MZ-CI0000-WOR-E02-00005-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (2)
3	C00290-00-EL-DAL-0009-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (OVERVIEW)
4	C00290-00-EL-DAL-0019-001 EA-MZ-CI0000-WOR-E02-00035-01	RESETTLEMENT VILLAGE STREETLIGHTS
5	C0029000-EL-DAL-0025-001 EA-MZ-CI0000-WOR-E02-00017-01	RESETTLEMENT VILLAGE, 33kV LINE (OVERVIEW)

SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	LV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	TRANSFORMER/MINI SUB
	LV, MV & SHARING POLES
	KICKER POLE (5,7,9m)
	ISOLATOR
	BREAKER
	AUTO RECLOSER
	SECTIONALIZER
	FUSE ISOLATOR
	SURGE ARRESTER
	CABLE JOINT(MV+LV)
	MV CROWS FEET / EARTH SPIKE
	LV CROWS FEET / EARTH SPIKE
	35
	70
	35 & 70 ONLY = 3 PHASE
	MV & LV BARE CONDUCTOR
	H = 150mm AAAC
	PHASES SEE ABC CONDUCTOR
	MV = RED, LV = GREEN
	SERVICE CONNECTIONS 4/10/16mm
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE

NOTES

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NO.	DATE	CHECKED	DONE BY	DESCRIPTION
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B	23/07/15	TM	TM	ISSUED FOR DETAILED DESIGN
C	17/09/15	TM	MM	ISSUED FOR SQUAD CHECK
D	03/10/15	GM	MM	ISSUED FOR CLIENT REVIEW
E	23/11/15	GM	MM	ISSUED FOR CLIENT APPROVAL
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NAME	SIGNATURE	DATE
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DESIGNER: C Brandsen		30/09/2015
PR ENG: J Pretorius		30/09/2015
PROJECT ENG. MANAGER: L Padayachee		30/09/2015
LOCAL PR ENG:		
CLIENT:		

PROJECT
AMA 1
RESETTLEMENT
VILLAGE

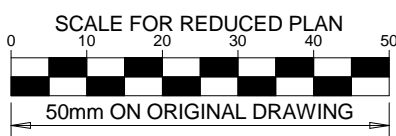
DRAWING DESCRIPTION
RESETTLEMENT VILLAGE
SITE ELECTRICAL
RETICULATION -
MV (OVERVIEW)

SCALE NOT TO SCALE ORIGINAL DWG SIZE A1	DATE 03/12/2015
---	--------------------

DRAWING NUMBER C00290-00-EL-DAL-0005-001	REV NO 0
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ANADARKO DRAWING NUMBER
EA-MZ-CI0000-WOR-E02-00003-01

LEGEND	
SYMBOL	DESCRIPTION
	33kV/400V 250kVA TRANSFORMER
	MANUAL ISOLATOR
	6A FUSE ISOLATOR



NOTES

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0025 EA-MZ-CI0000-WOR-E02-00017-01	33kV Line (Overview)
C00290-00-EL-DAL-0005 EA-MZ-CI0000-WOR-E02-00003-01	Site Electrical Reticulation – MV (Overview)
C00290-00-EL-DAL-0006 EA-MZ-CI0000-WOR-E02-00004-01	Site Electrical Reticulation – MV Structures(1)
C00290-00-EL-DAL-0007 EA-MZ-CI0000-WOR-E02-00005-01	Site Electrical Reticulation – MV Structures(2)
C00290-00-EL-DAL-0008 EA-MZ-CI0000-WOR-E02-00006-01	Site Electrical Reticulation – MV Structures Earthing

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REVISIONS

NO.	DATE	CHECKED BY	DONE BY	DESCRIPTION
A	06/11/15	TM	TM	Issued for Peer Review
B	06/11/15	TM	TM	Issued for Detailed Design
C	19/11/15	TM	CB	Issued for Squad Check
D	19/11/15	TM	CB	Issued for Client Review
E	26/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction

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DESIGNER:	T Meyer		06/11/15
PR ENG:	W Snyman 20050166		06/11/15
PROJECT ENG MANAGER:	L Padayachee		06/11/15
LOCAL PR ENG:			
CLIENT:			

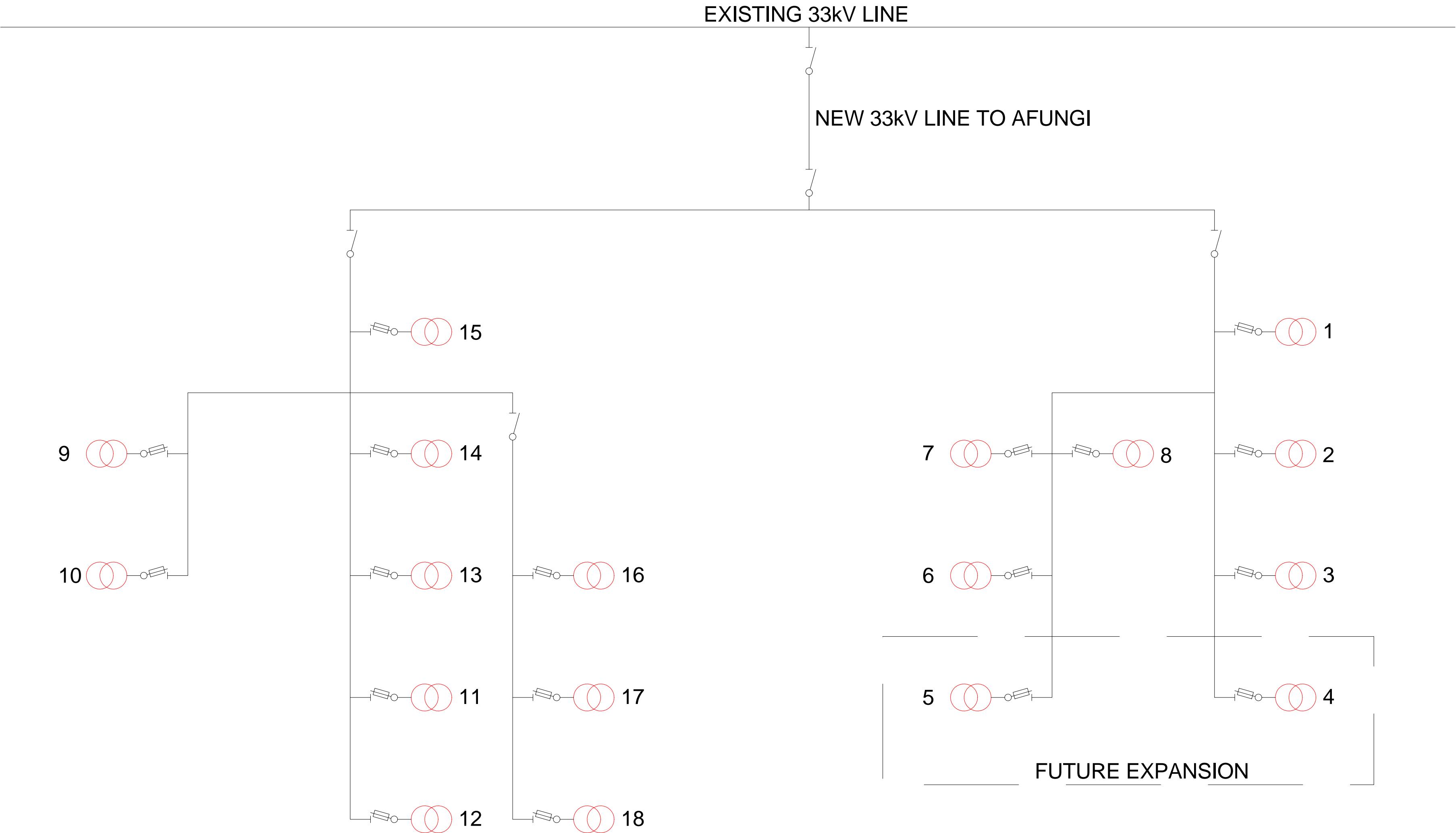
CLIENT



PROJECT
AMA1 RESETTLEMENT VILLAGE

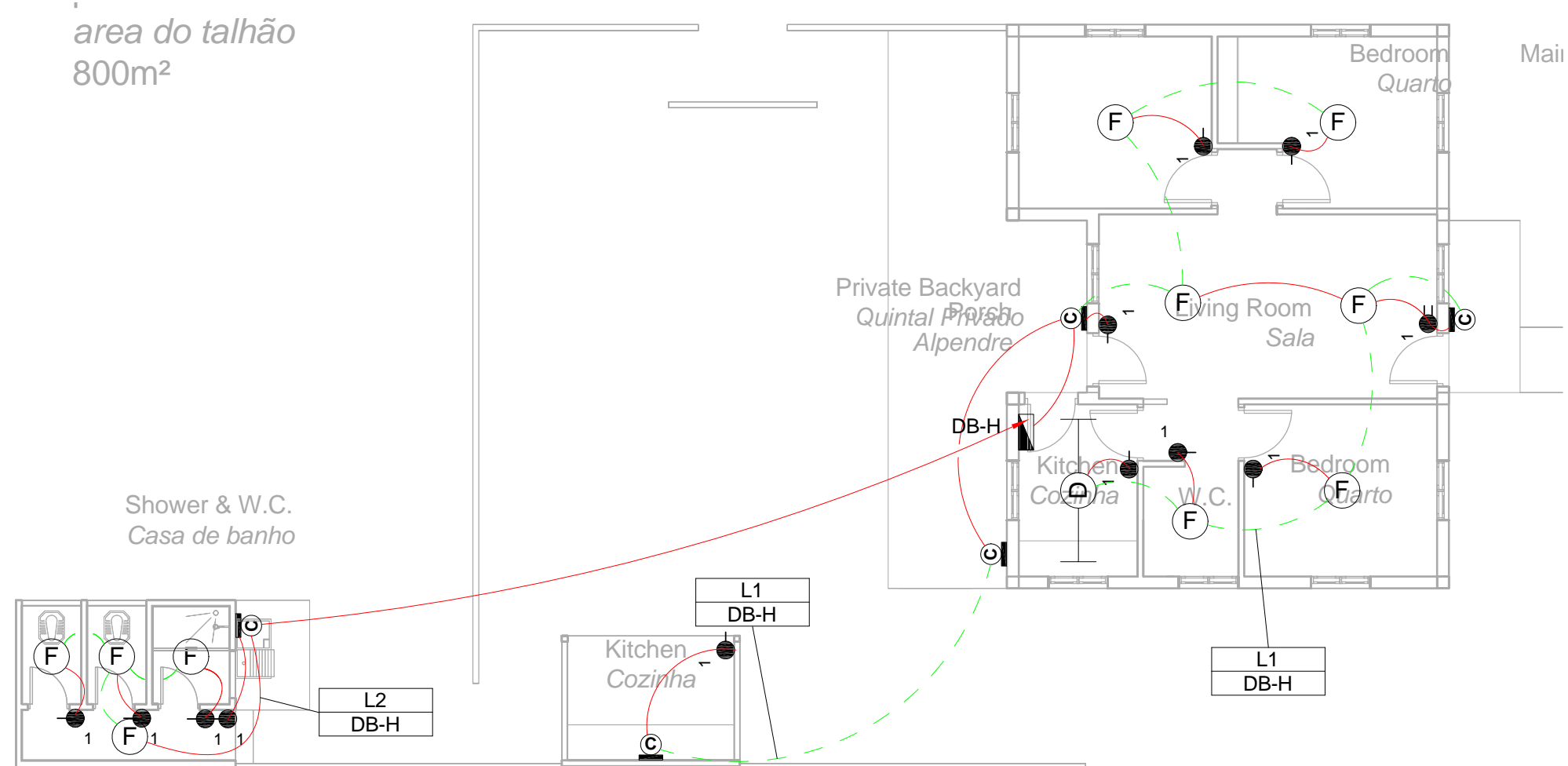
DRAWING DESCRIPTION
Resettlement Village
Electric Power Line Diagram
and Power Panel

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0004	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0000-WOR-E02-00002-03	

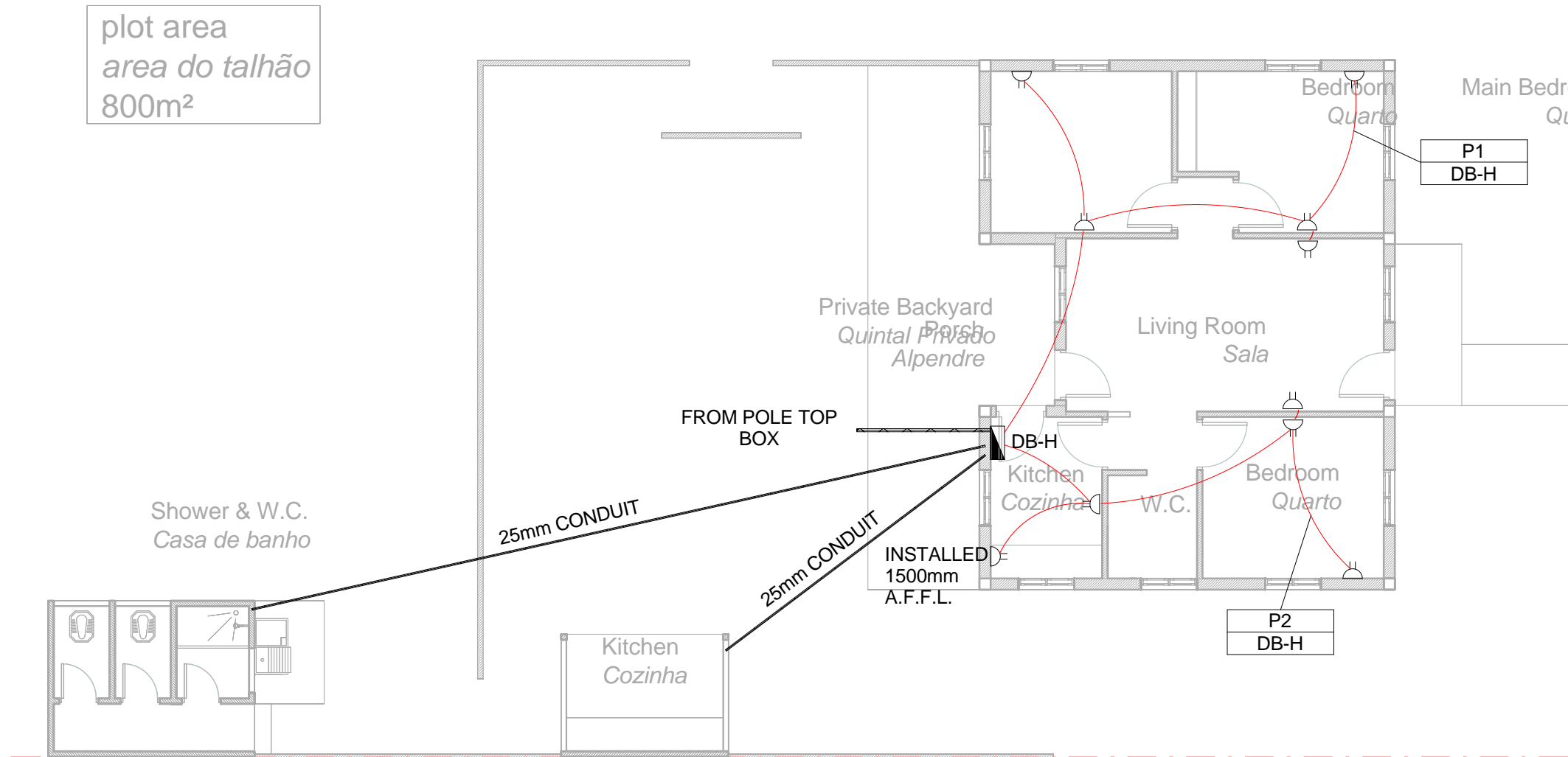


33kV NETWORK DIAGRAM

1 33kV Network Diagram
1 : 500














1 Lighting Layout - Housing
1 : 100

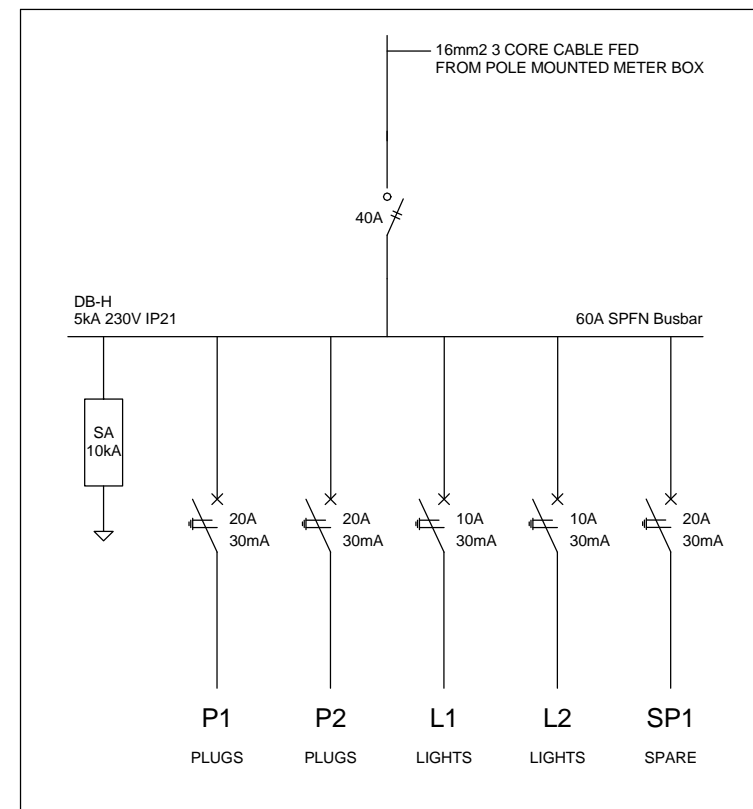


2 Power Layout - Housing
1 : 100

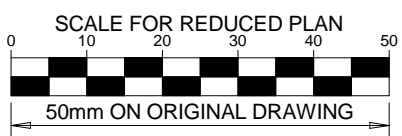
SMALL POWER LEGEND		LIGHTING LEGEND	
	SINGLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	DOUBLE SOCKET OUTLET		1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I/T-136-ELB)
	VOIP DATA POINT		1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	TV POINT		2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.		1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	LIGHT SWITCH		EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	2-WAY LIGHT SWITCH		ONE LEVER LIGHT SWITCH
	DISTRIBUTION BOARD		TWO LEVER LIGHT SWITCH
	DOUBLE POLE ISOLATOR		THREE LEVER LIGHT SWITCH
	6U IT CABINET FOR VOIP		2-WAY LIGHT SWITCH
	50mm SLEEVE		DISTRIBUTION BOARD LOCATION
	25mm CONDUIT		DOUBLE POLE ISOLATOR
			PHOTOCELL

CONDUCTOR LEGEND
1. 2.5mm ² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
2. 4mm ² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
3. 6mm ² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION



3 Schematic - Housing
1 : 20



NOTES	
1. ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL.	
DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-00007-01	Site Electrical Reticulation – LV (Overview)
C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Typical Drawings Sheet 2

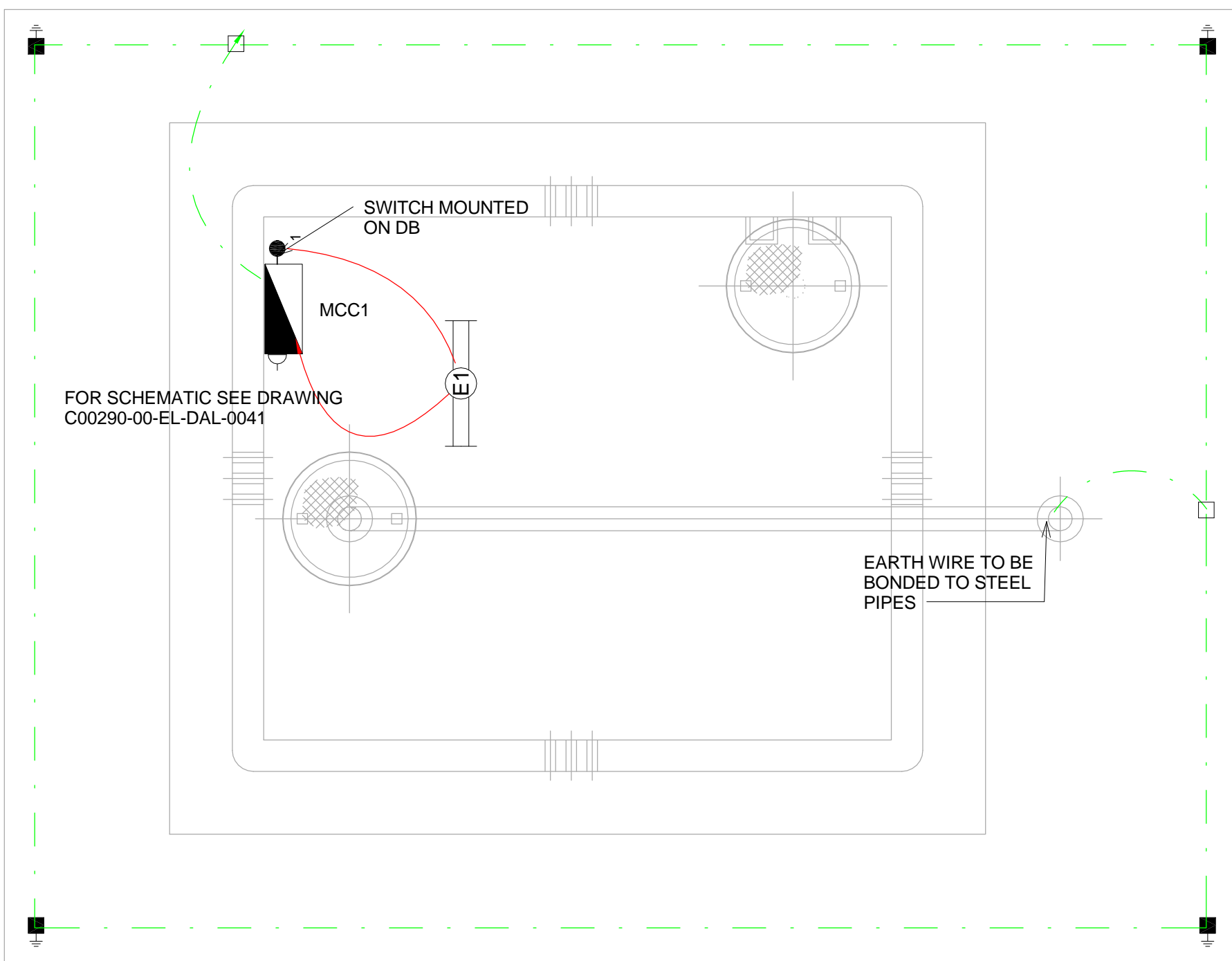
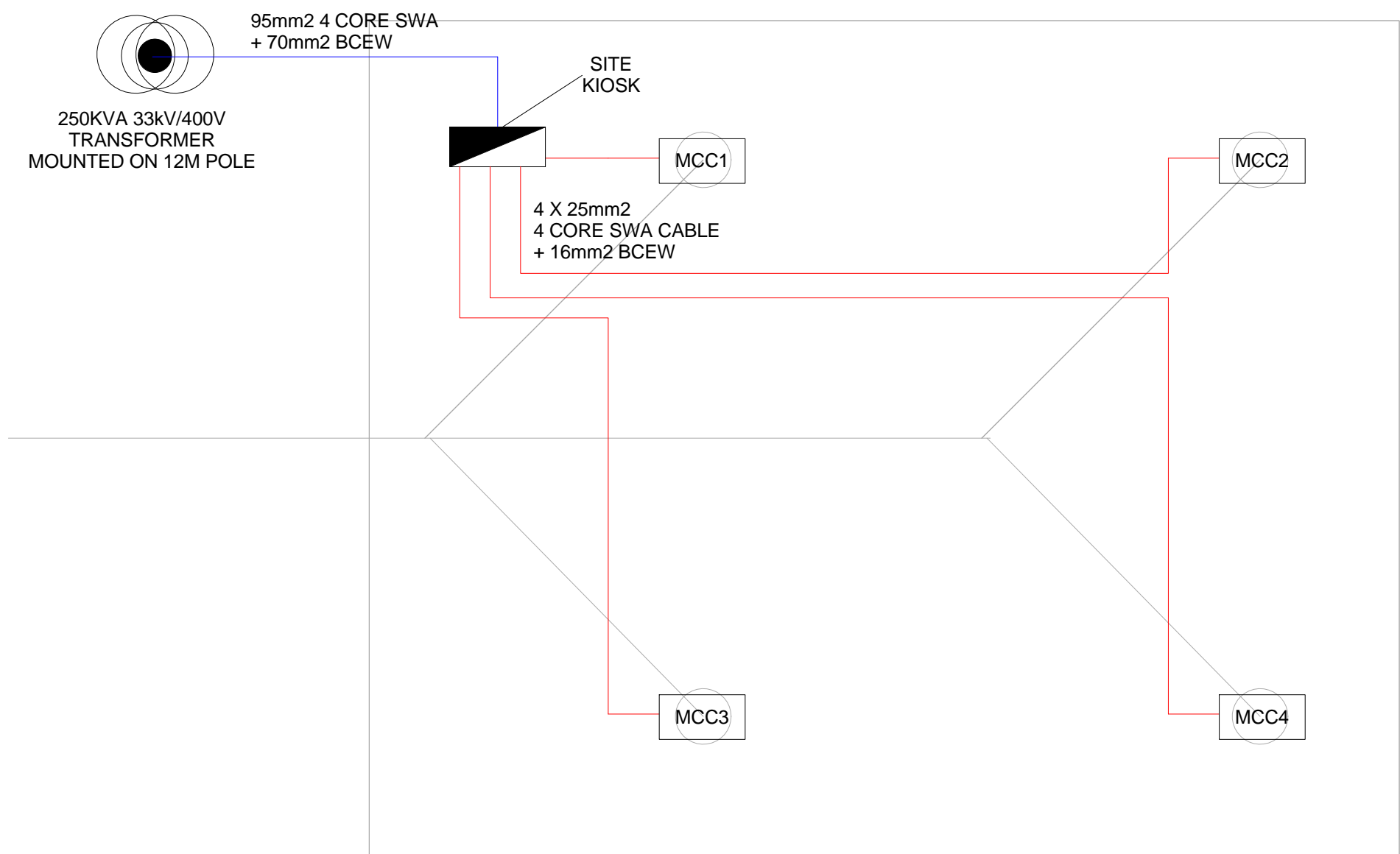
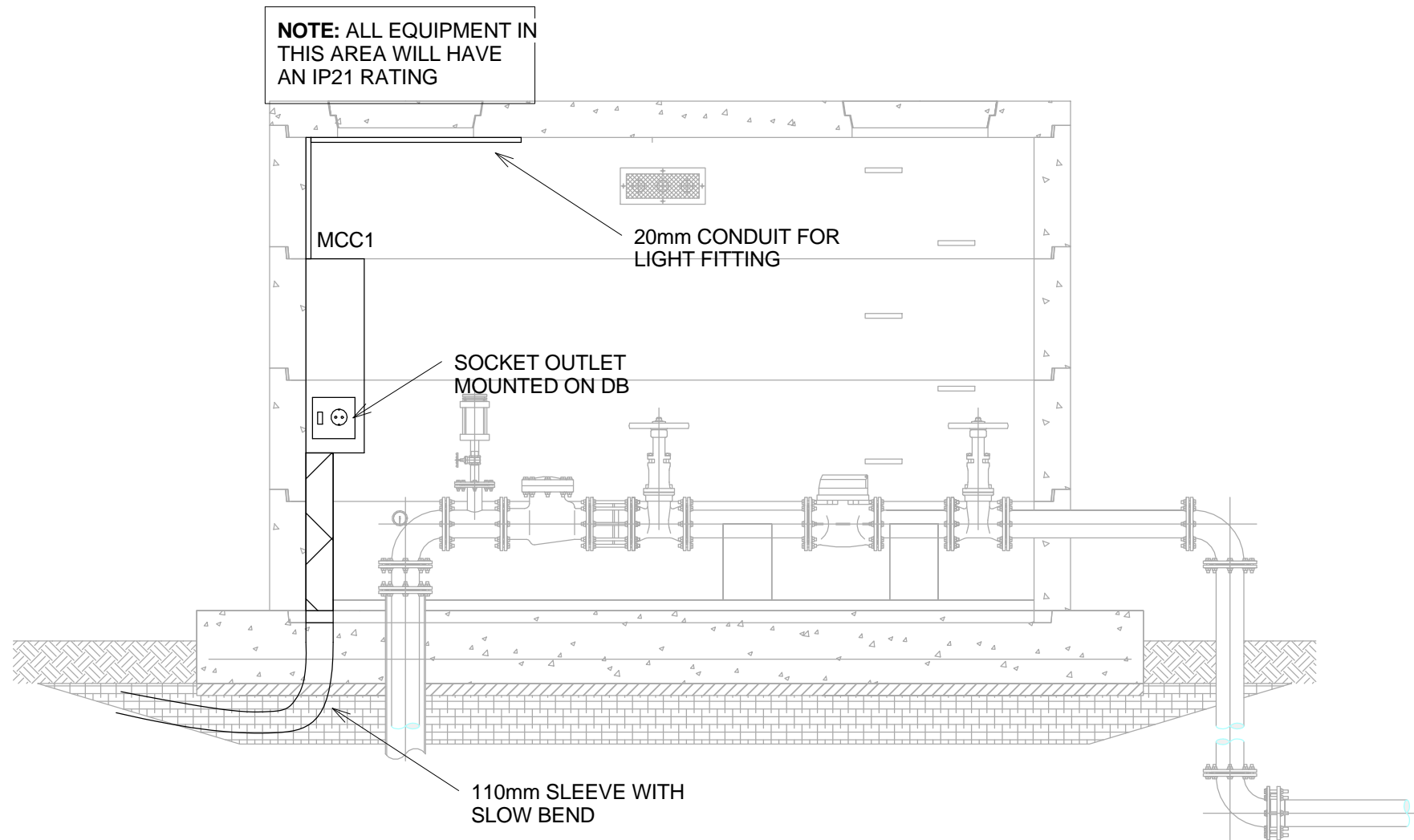
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REVISIONS				
NO.	DATE	CHECKED BY	DONE BY	DESCRIPTION
A	28/09/15	TM	SB	Issued for Peer Review
B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
D	09/10/15	TM	CB	Issued for Client Review
E	06/11/15	TM	SB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction

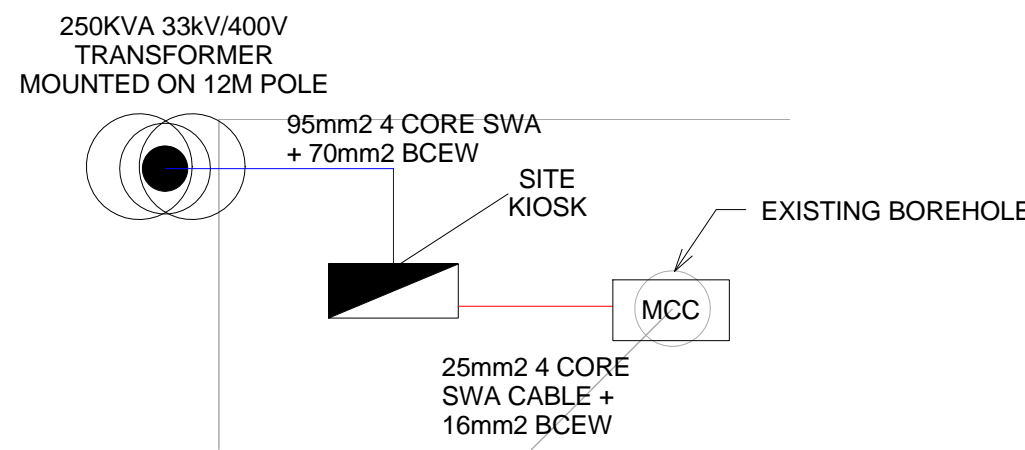
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NAME	SIGNATURE	DATE
DRAWN BY: S Bedasie		28/09/15
CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT	
PROJECT	
AMA1 RESETTLEMENT VILLAGE	
DRAWING DESCRIPTION	
Resettlement Village Housing Small Power and Lighting	
SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0002	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0000-WOR-E02-00002-01	

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
FOR OVERVIEW



3 Power Layout - New Well Field Site
1 : 500



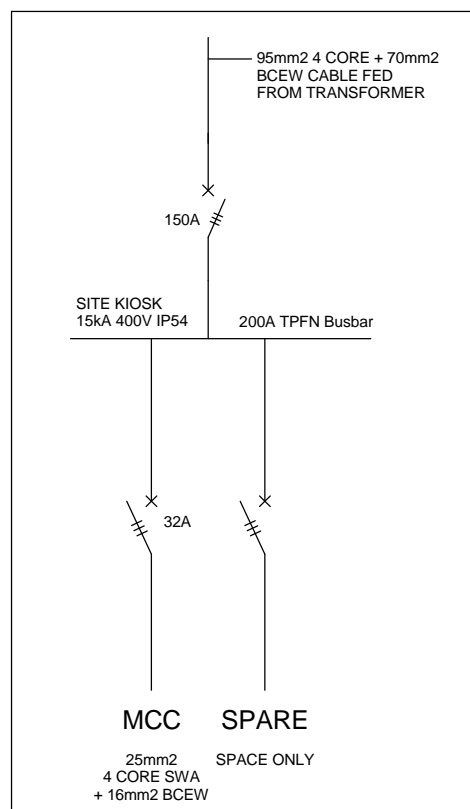
4 Power Layout - Existing Well Field Site
1 : 500

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS

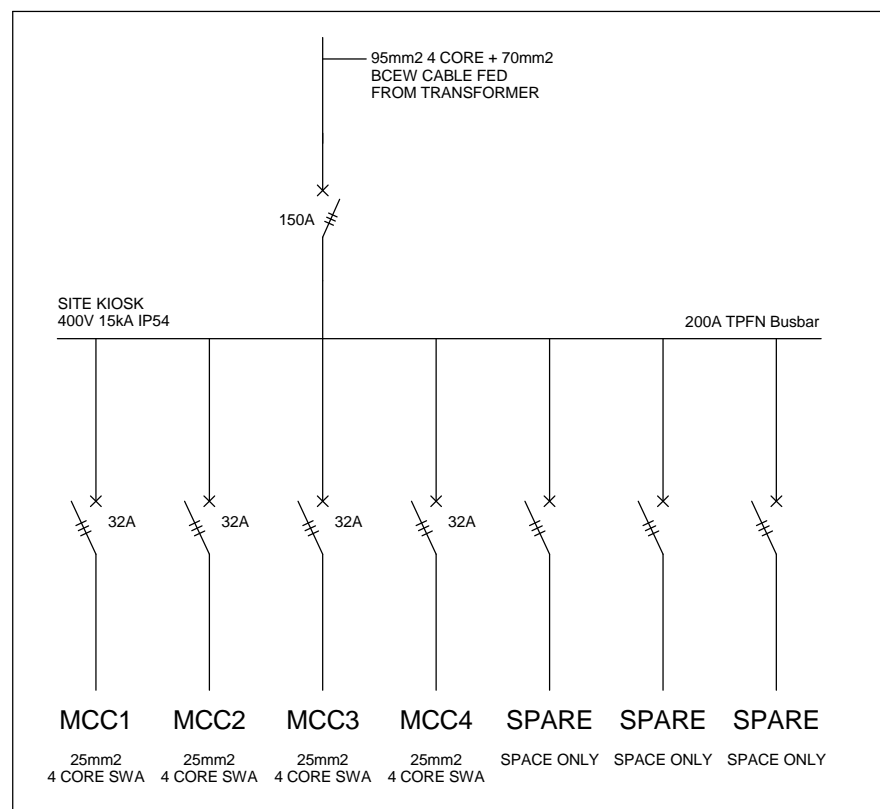
CONDUCTOR LEGEND	
1. 2.5mm2 CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS	
2. 4mm2 CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS	
3. 6mm2 CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS	
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR	
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS	

EARTHING LEGEND	
CADWELDED CONNECTION	
3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M	
DOWN CONDUCTOR	
70MM2 BARE COPPER EARTH WIRE	

1 Lighting & Power Layout - Borehole
1 : 25



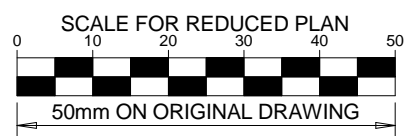
2 Schematic - Existing Well Site Kiosk
1 : 20



5 Schematic - New Well Site Kiosk
1 : 20

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION

SMALL POWER LEGEND	
	SINGLE SOCKET OUTLET
	DOUBLE SOCKET OUTLET
	VOIP DATA POINT
	TV POINT
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.
	LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD
	DOUBLE POLE ISOLATOR
	6U IT CABINET FOR VOIP
	50mm SLEEVE
	25mm CONDUIT
LIGHTING LEGEND	
	2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM ² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
	1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
	2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	ONE LEVER LIGHT SWITCH
	TWO LEVER LIGHT SWITCH
	THREE LEVER LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD LOCATION
	DOUBLE POLE ISOLATOR
	PHOTOCELL



NOTES

1. EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
2. LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY AND LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
3. A MINIMUM OF TWO 70mm2 BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS
4. ALL CABLES TO BE BURIED AT A MINIMUM DEPTH OF 600mm.

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0005 EA-MZ-CI0000-WOR-E02-00003-01	Site Electrical Reticulation – MV (Overview)
C00290-00-EL-DAL-0041 EA-MZ-CI0000-WOR-E02-00025-01	Well Field Control System
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1
C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Typical Drawings Sheet 2

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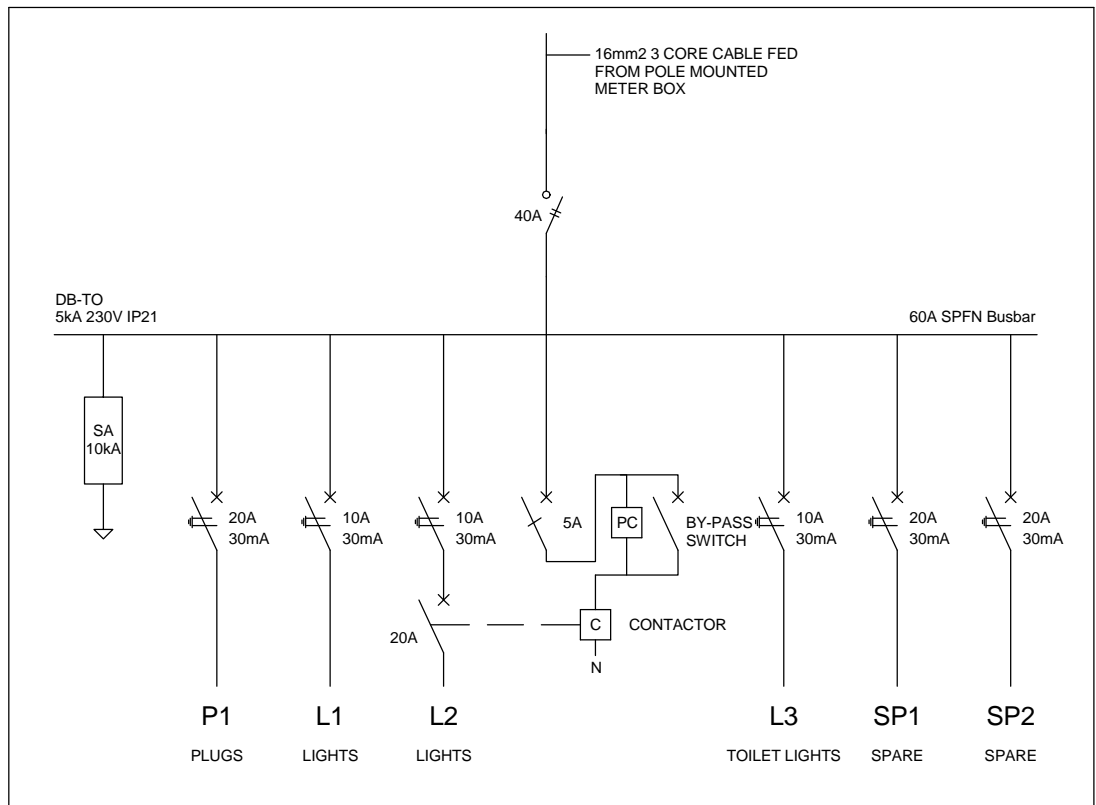
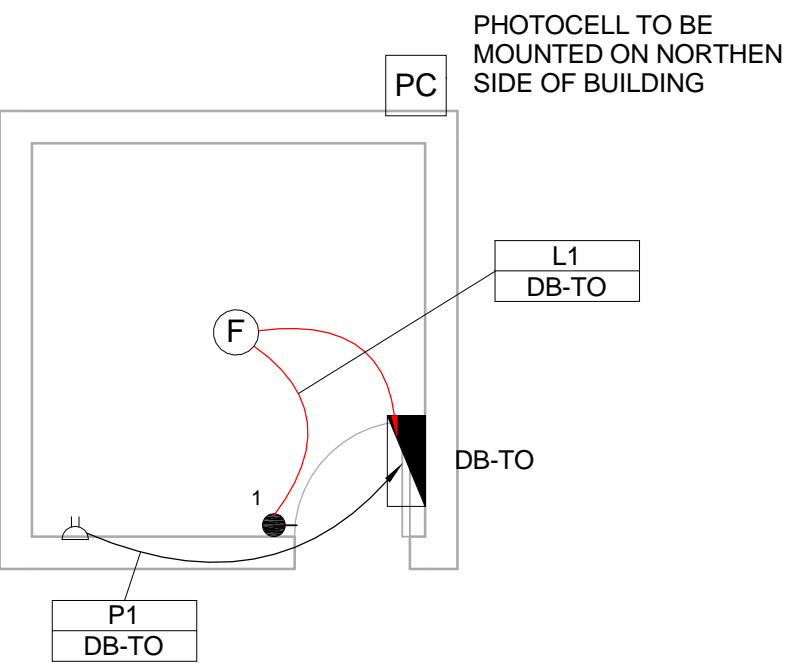
PROJECT

AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

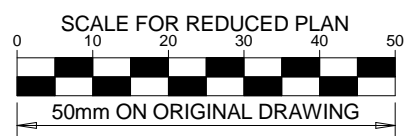
Resettlement Village Well Field Power Installation

SCALE	As indicated ORIGINAL DWG SIZE A1	DATE	DECEMBER 2015
DRAWING NUMBER	C00290-00-EL-DAL-0040	REV NO	0
ANADARKO DRAWING NUMBER EA-MZ-CI0000-WOR-E02-00001-01			



- SMALL POWER LEGEND**
- SINGLE SOCKET OUTLET
 - DOUBLE SOCKET OUTLET
 - VOIP DATA POINT
 - TV POINT
 - POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.
 - LIGHT SWITCH
 - 2-WAY LIGHT SWITCH
 - DISTRIBUTION BOARD
 - DOUBLE POLE ISOLATOR
 - 6U IT CABINET FOR VOIP
 - 50mm SLEEVE
 - 25mm CONDUIT

- LIGHTING LEGEND**
- 2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
 - 2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
 - 1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
 - 1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I-T-136-ELB)
 - 1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
 - 2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I-T-236-ELB)
 - 2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
 - 1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
 - EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
 - ONE LEVER LIGHT SWITCH
 - TWO LEVER LIGHT SWITCH
 - THREE LEVER LIGHT SWITCH
 - 2-WAY LIGHT SWITCH
 - DISTRIBUTION BOARD LOCATION
 - DOUBLE POLE ISOLATOR
 - PHOTOCELL



NOTES

- POWER CABLES SHALL BE BURIED DIRECTLY AT A MINIMUM OF 600mm BELOW GRADE
- WHERE POWER CABLES ARE BURIED BELOW A ROAD CROSSING OR PATHWAY, 2x 110mm SLEEVES SHALL BE INSTALLED
- WHERE SPECIFIED ON THE DRAWING, CONDUITS/SLEEVES SHALL BE INSTALLED

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-00007-01 C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Site Electrical Retulation - LV (Overview) Typical Drawings Sheet 2

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CLIENT



PROJECT
AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION
Resettlement Village Bus Station Small Power and Lighting

SCALE	DATE
As indicated ORIGINAL DWG SIZE A1	DECEMBER 2015

DRAWING NUMBER	REV NO
C00290-00-EL-DAL-0032	0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E02-00830-01

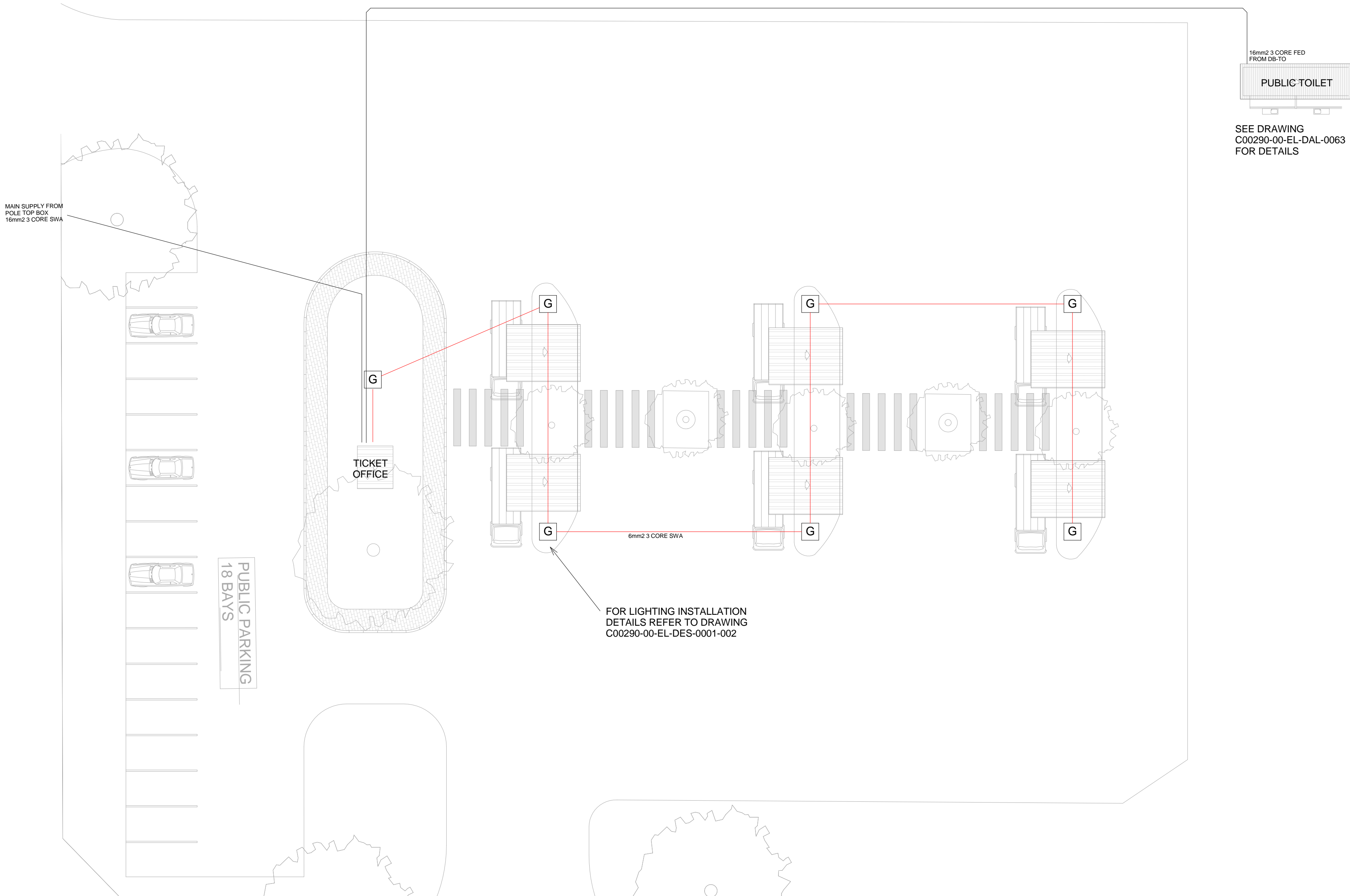
NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 245/8 FOR OVERVIEW

2 Lighting & Power Layout - Ticket Office

1 : 50

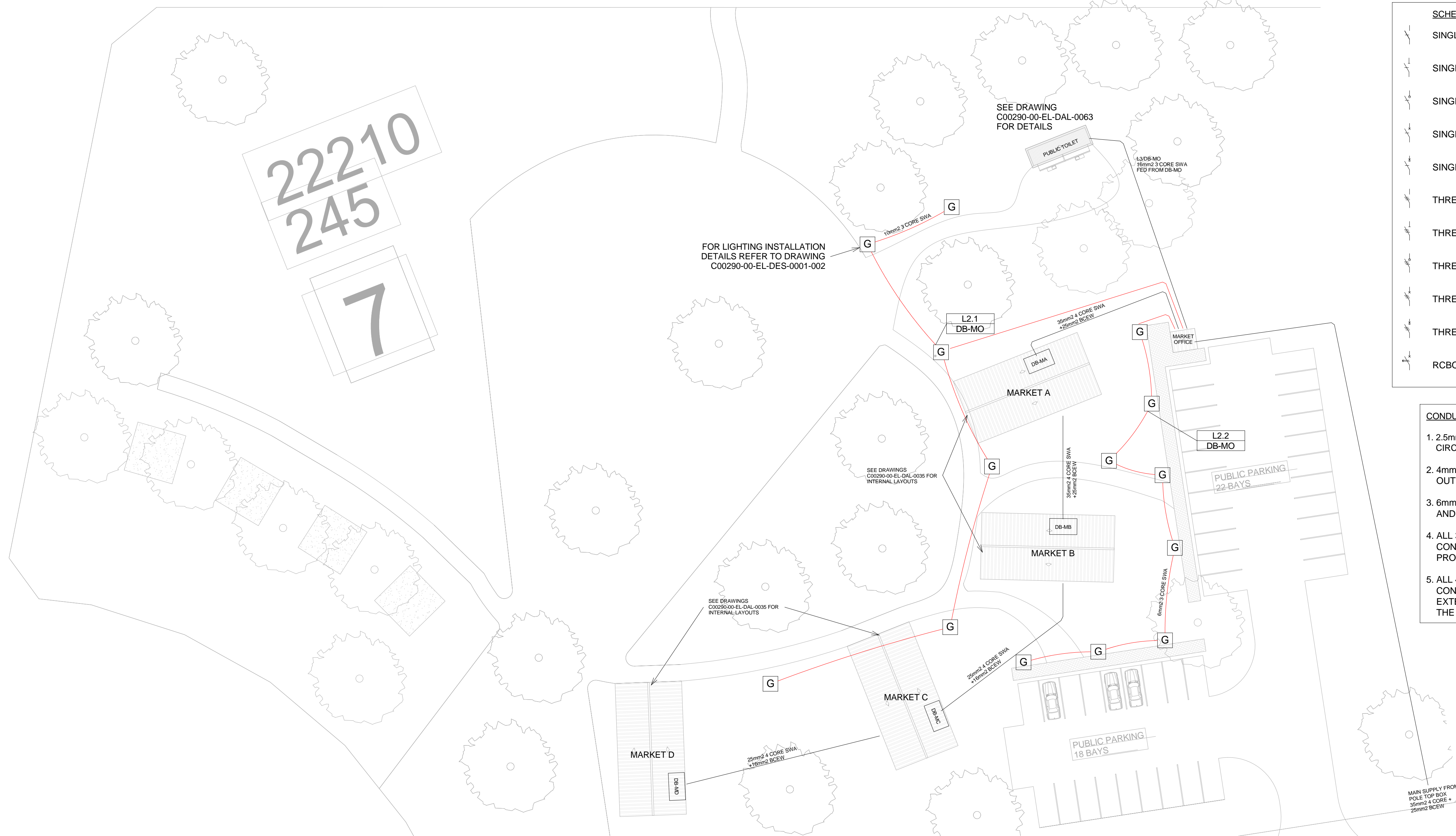
3 Schematic - Ticket Office

1 : 20

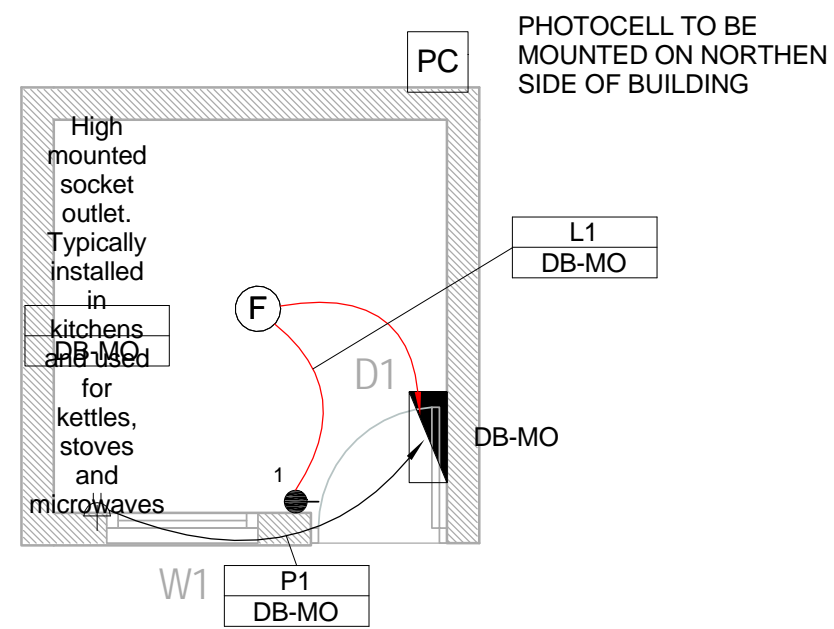


1 Site Lighting & Power Layout - Bus Station

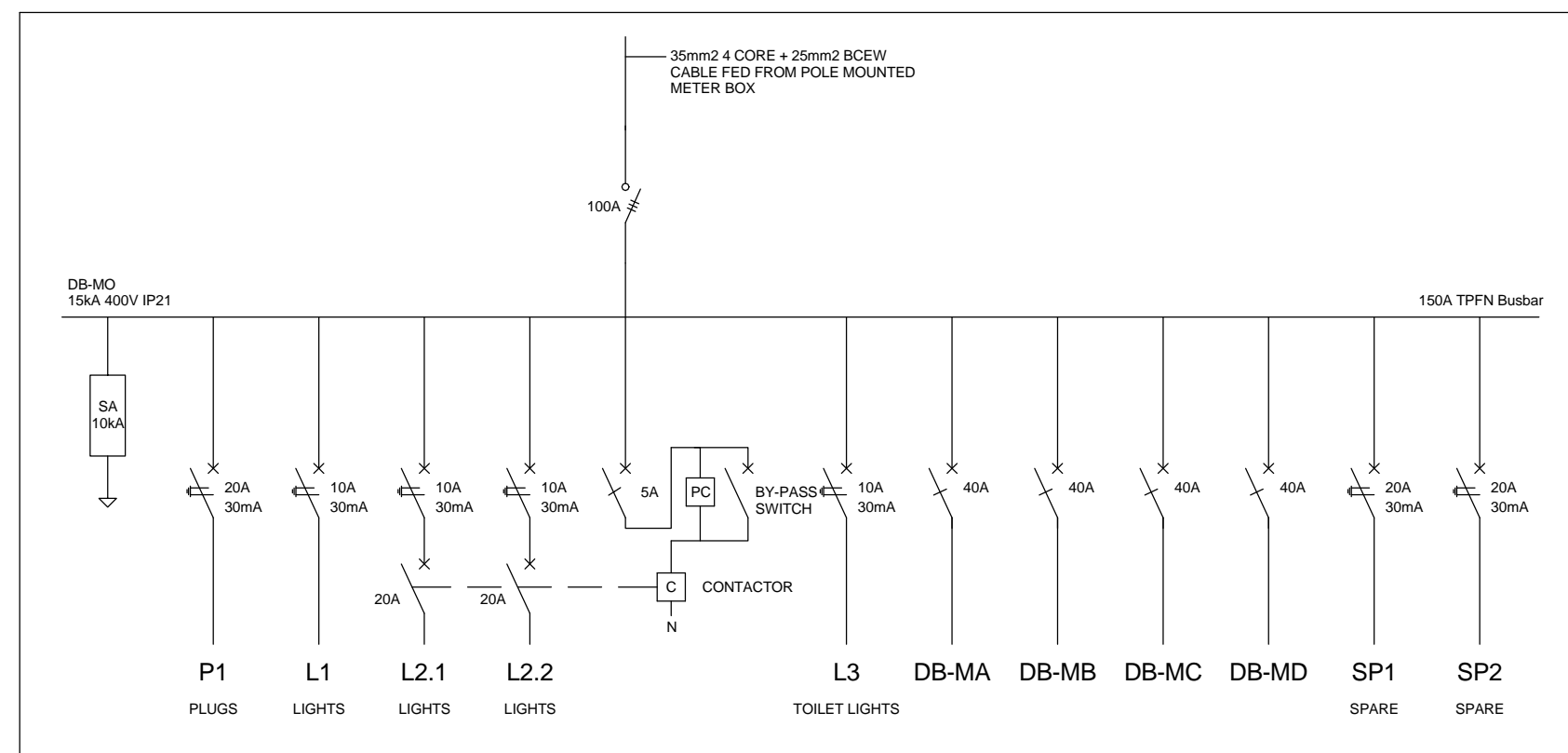
1 : 200



1 Site Lighting & Power Layout - Market Site
Layout
1 : 300



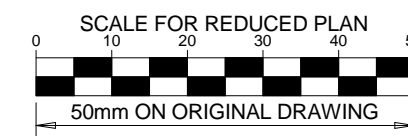
2 Lighting & Power Layout - Market Office
1 : 50



3 Schematic - Market Office
1 : 20

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTER (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTER (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION

CONDUCTOR LEGEND	
	1. 2.5mm2 CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
	2. 4mm2 CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
	3. 6mm2 CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
	4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
	5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS



NOTES

1. POWER CABLES SHALL BE BURIED DIRECTLY AT A MINIMUM OF 600mm BELOW GRADE
2. WHERE POWER CABLES ARE BURIED BELOW A ROAD CROSSING OR PATHWAY, 2x 110mm SLEEVES SHALL BE INSTALLED
3. WHERE SPECIFIED ON THE DRAWING, CONDUITS/SLEEVES SHALL BE INSTALLED

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009	Site Electrical Reticulation - LV (Overview)
C00290-00-EL-DAL-0035	Market Small Power and Lighting
C00290-00-EL-DAL-0063	Public Toilets Lighting Layout
C00290-00-EL-DES-0001-002	Typical Drawings Sheet 2
C00290-00-EL-DES-0002-002	
C00290-00-EL-DES-0002-002	

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C	02/10/15	TM	SB	Issued for Squad Check
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CLIENT:		

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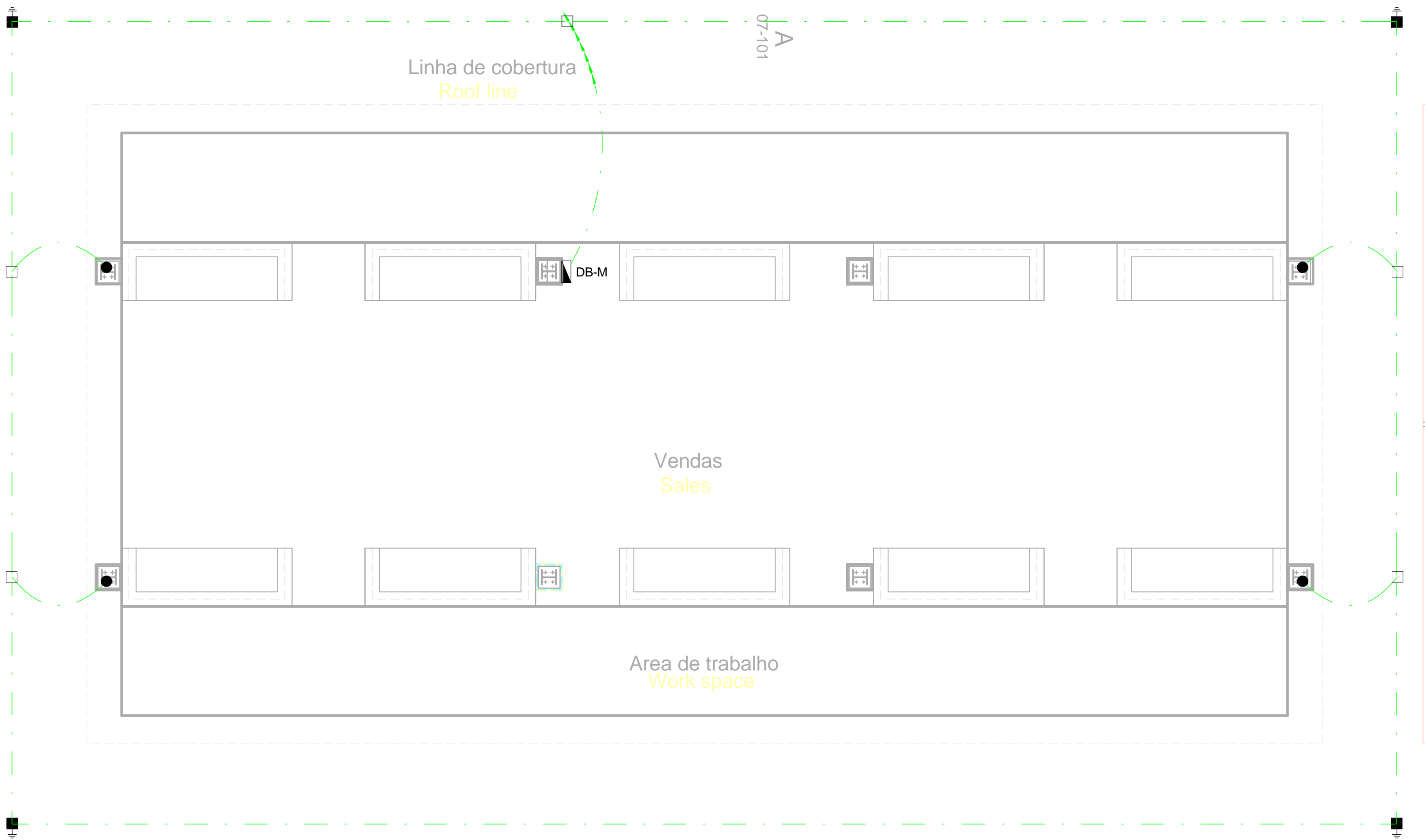


PROJECT
AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

Resettlement Village Market
Site Power and Lighting

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0062	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00732-01	

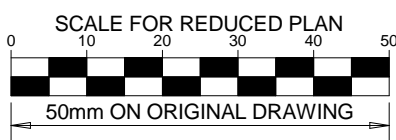


1 Earthing Layout - Market
1 : 50

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 245/7 FOR OVERVIEW

- EARTHING LEGEND**
- CADWELDED CONNECTION
 - 3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
 - DOWN CONDUCTOR
 - 70MM2 BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS



NOTES

- EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
- LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
- LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
- A MINIMUM OF TWO 70mm2 BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1

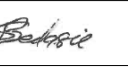




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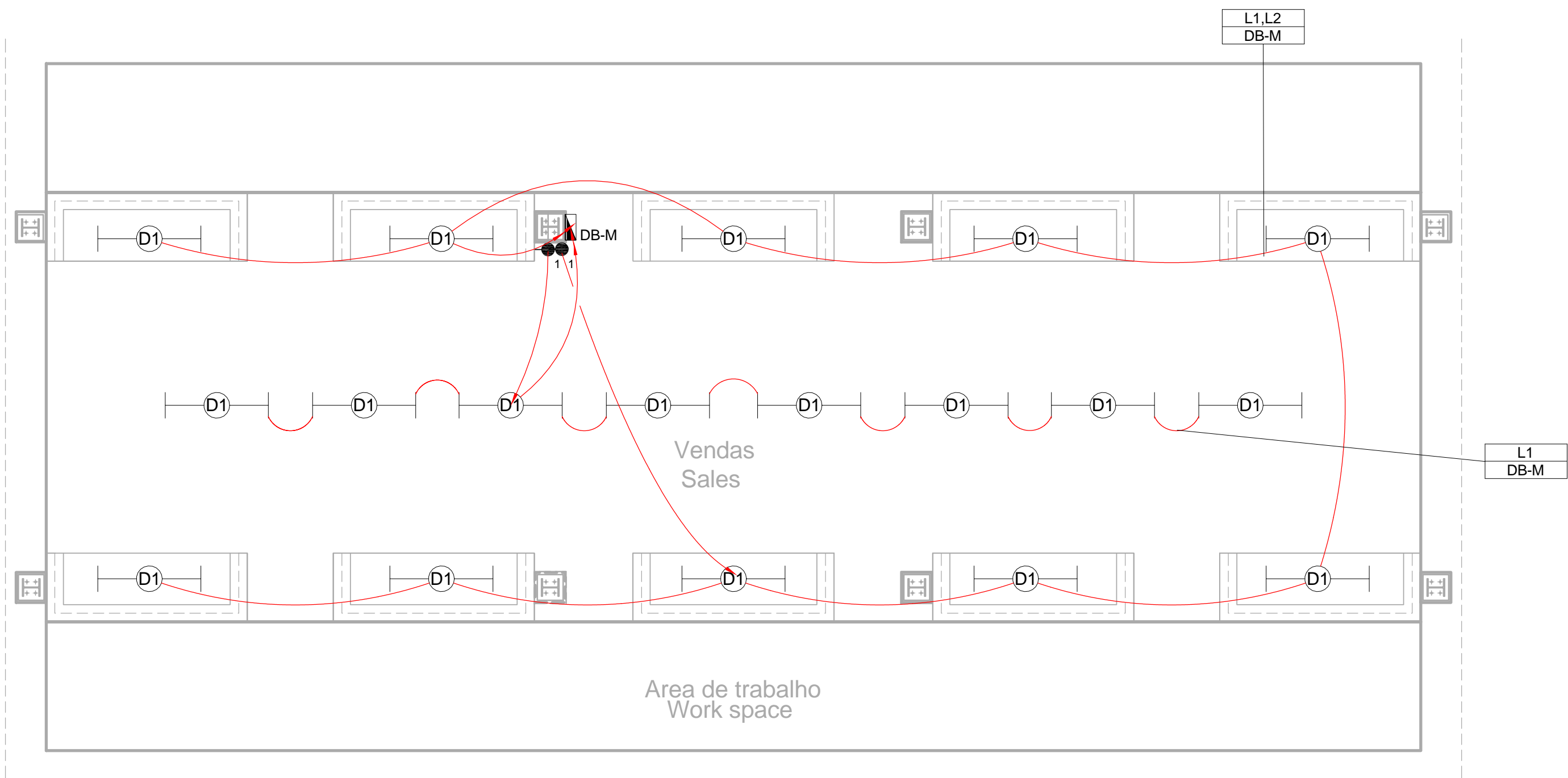
PROJECT

AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION


Resettlement Village Market
Earthing and Lightning
Protection

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0055 ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00731-01	REV NO 0



1 Lighting Layout - Market
1 : 50

SMALL POWER LEGEND	LIGHTING LEGEND
SINGLE SOCKET OUTLET	2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
DOUBLE SOCKET OUTLET	2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB78
VOIP DATA POINT	1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
TV POINT	1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.	1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
LIGHT SWITCH	2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
2-WAY LIGHT SWITCH	2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
DISTRIBUTION BOARD	1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
DOUBLE POLE ISOLATOR	EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
6U IT CABINET FOR VOIP	ONE LEVER LIGHT SWITCH
50mm SLEEVE	TWO LEVER LIGHT SWITCH
25mm CONDUIT	THREE LEVER LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD LOCATION
	DOUBLE POLE ISOLATOR
	PHOTOCELL

<div>SCALE FOR REDUCED PLAN</div> <div></div> <div>50mm ON ORIGINAL DRAWING</div>	
<div>NOTES</div> <div>1. ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL</div>	
<div>DRAWING NUMBER</div> <div>C00290-00-EL-DAL-0062</div> <div>EA-MZ-CI0100-WOR-E02-00732-01</div> <div>C00290-00-EL-DES-0001-002</div> <div>EA-MZ-CI0000-WOR-E02-00027-02</div>	<div>REFERENCE DRAWING DESCRIPTION</div> <div>Market Site Power and Lighting</div> <div>Typical Drawings Sheet 2</div>
<div>ISSUED FOR CONSTRUCTION</div> <div>WorleyParsons RSA retains the copyright in all intellectual property, including designs and/or documents prepared in terms of this appointment for the project covered by the appointment. The client may use the designs and/or documents for the sole purpose of their intended use on this project only subject to payment for the design having been received. Use for any other purpose, whether or not the design and/or documents have been paid for constitutes an infringement of copyright, and all rights are reserved.</div> <div>All dimensions must be verified on site before the works commence. Refer any discrepancies to the Engineer.</div> <div>Copyright reserved</div>	

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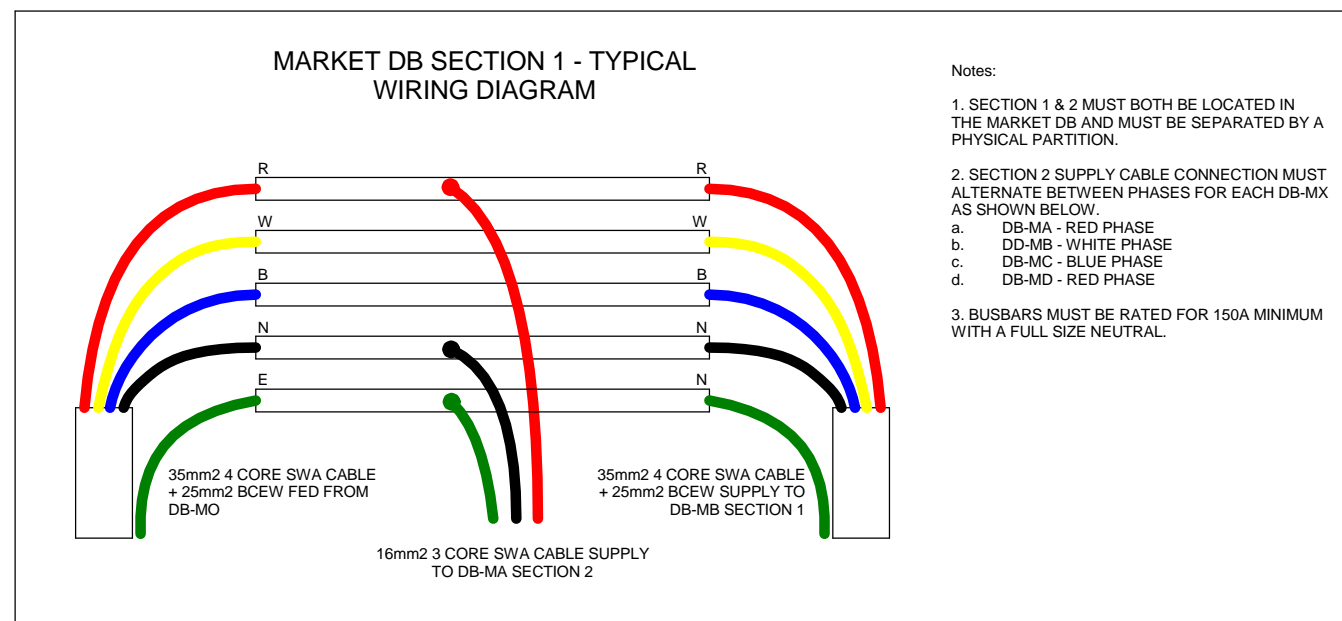
MOZAMBIQUE
GAS DEVELOPMENT PROJECT

Anadarko
Mogambique Area 1, Lda

PROJECT
AMA1 RESETTLEMENT VILLAGE

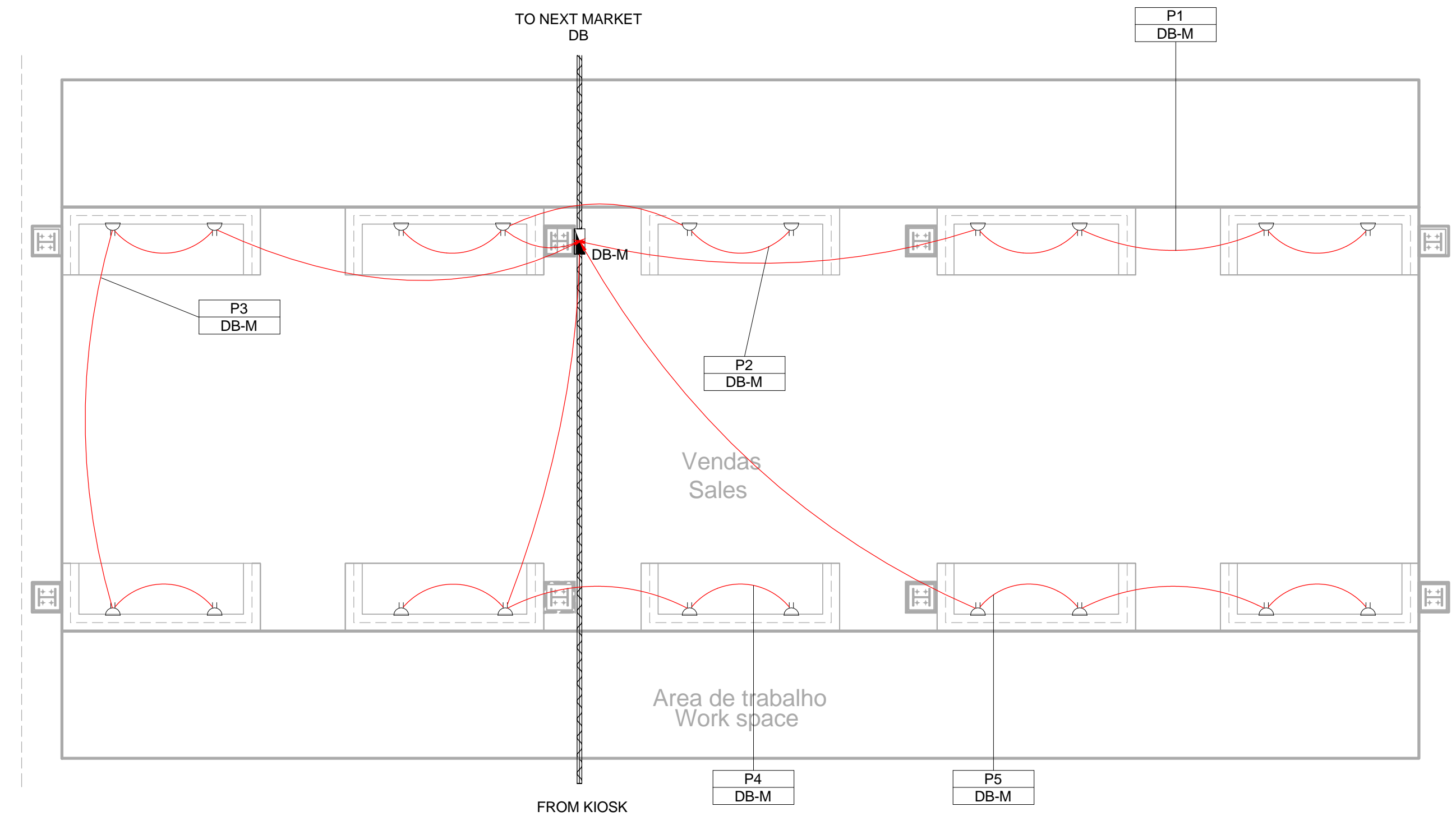
DRAWING DESCRIPTION
Resettlement Village Market Small Power and Lighting

SCALE	DATE
As indicated ORIGINAL DWG SIZE A1	DECEMBER 2015
DRAWING NUMBER	REV NO
C00290-00-EL-DAL-0035	0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00730-01	

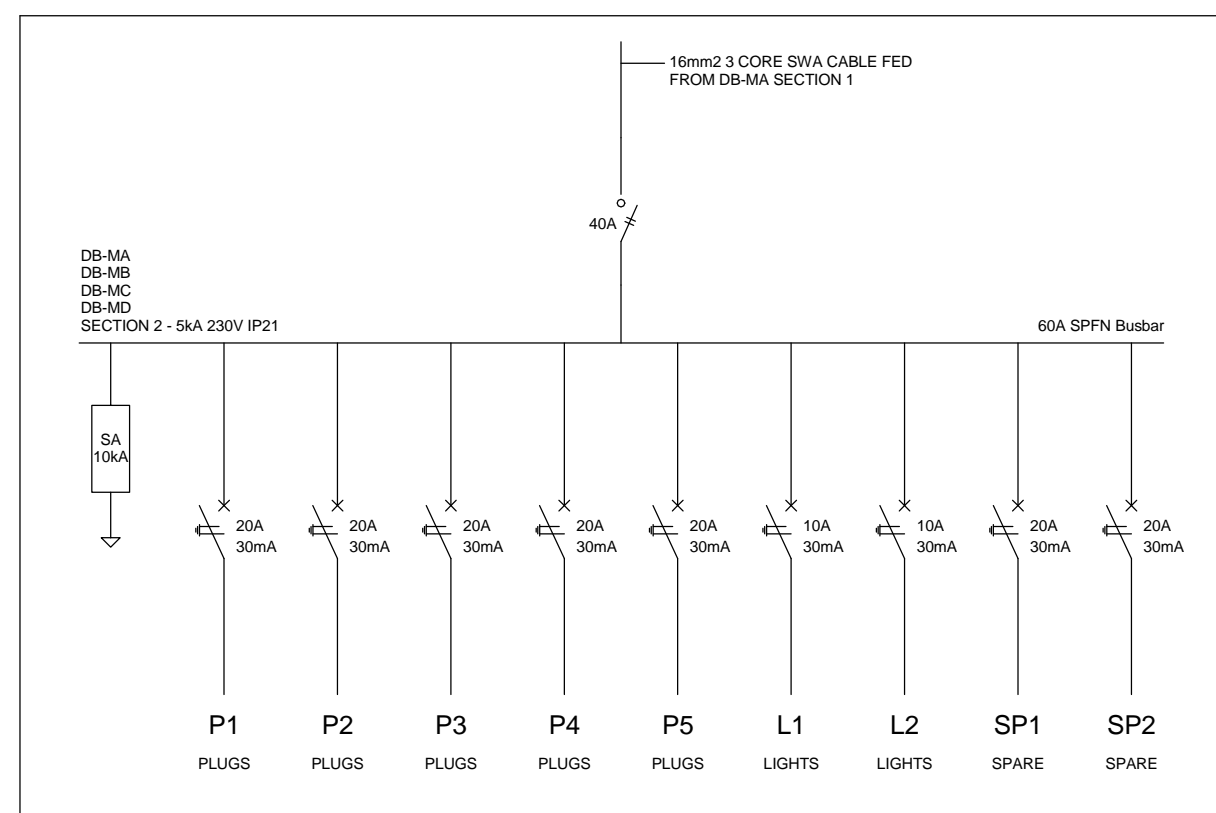


4 Schematic - Market DB Section 1 Typical Detail
1 : 20

SCHMATICS LEGEND
SINGLE PHASE SWITCH
SINGLE PHASE DISCONNECTER (OFF LOAD ISOLATOR)
SINGLE PHASE SWITCH DISCONNECTOR
SINGLE PHASE CIRCUIT BREAKER
SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
THREE PHASE SWITCH
THREE PHASE DISCONNECTER (OFF LOAD ISOLATOR)
THREE PHASE SWITCH DISCONNECTOR
THREE PHASE CIRCUIT BREAKER
THREE PHASE CIRCUIT BREAKER FOR ISOLATION
RCBO PROTECTION



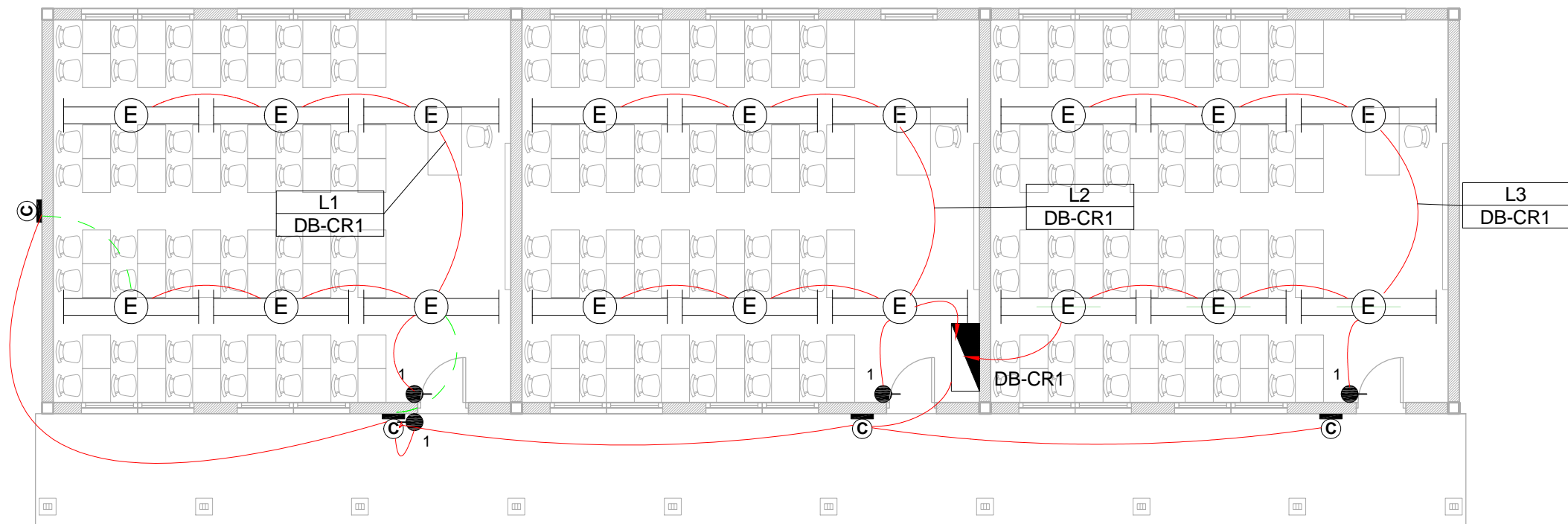
2 Power Layout - Market
1 : 50



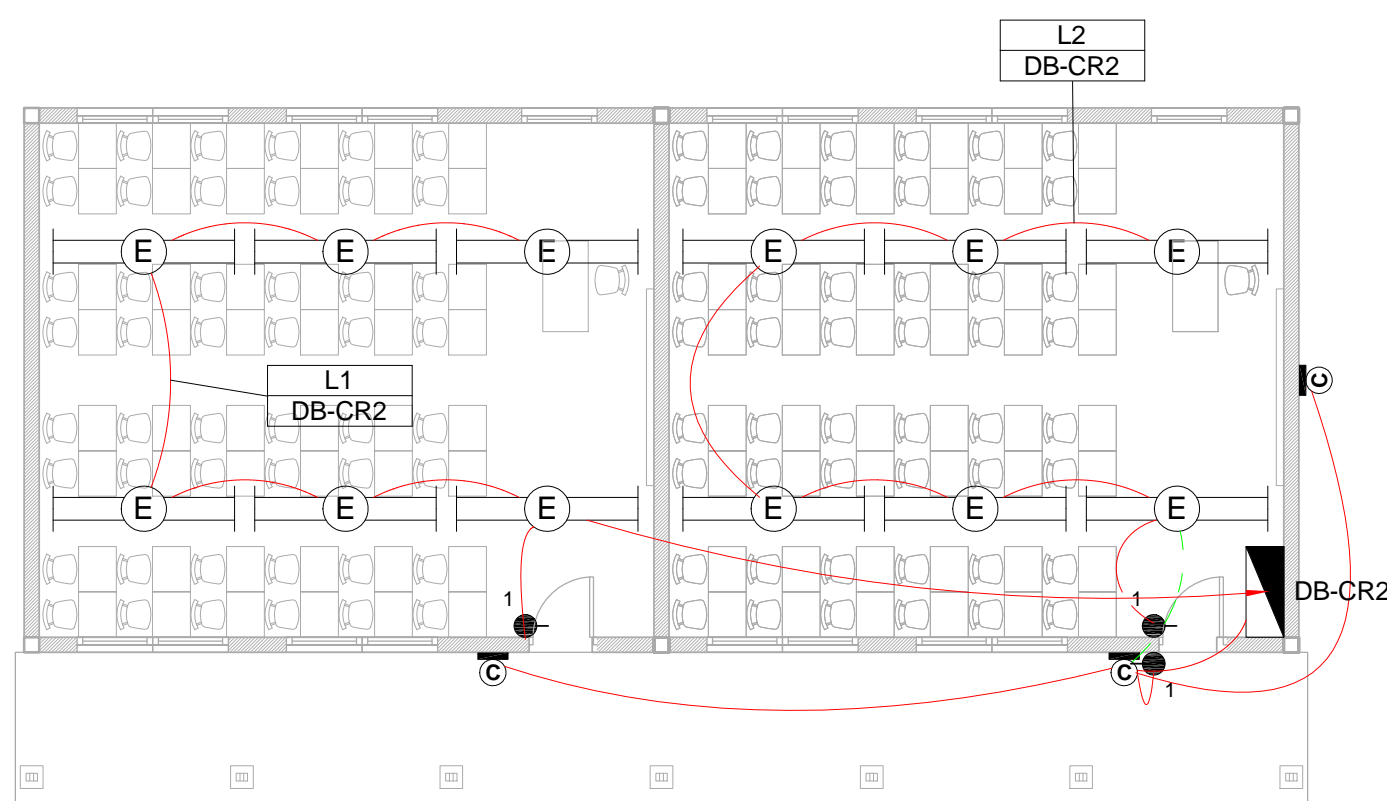
3 Schematic - Market DB Section 2
1 : 20

CONDUCTOR LEGEND
1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

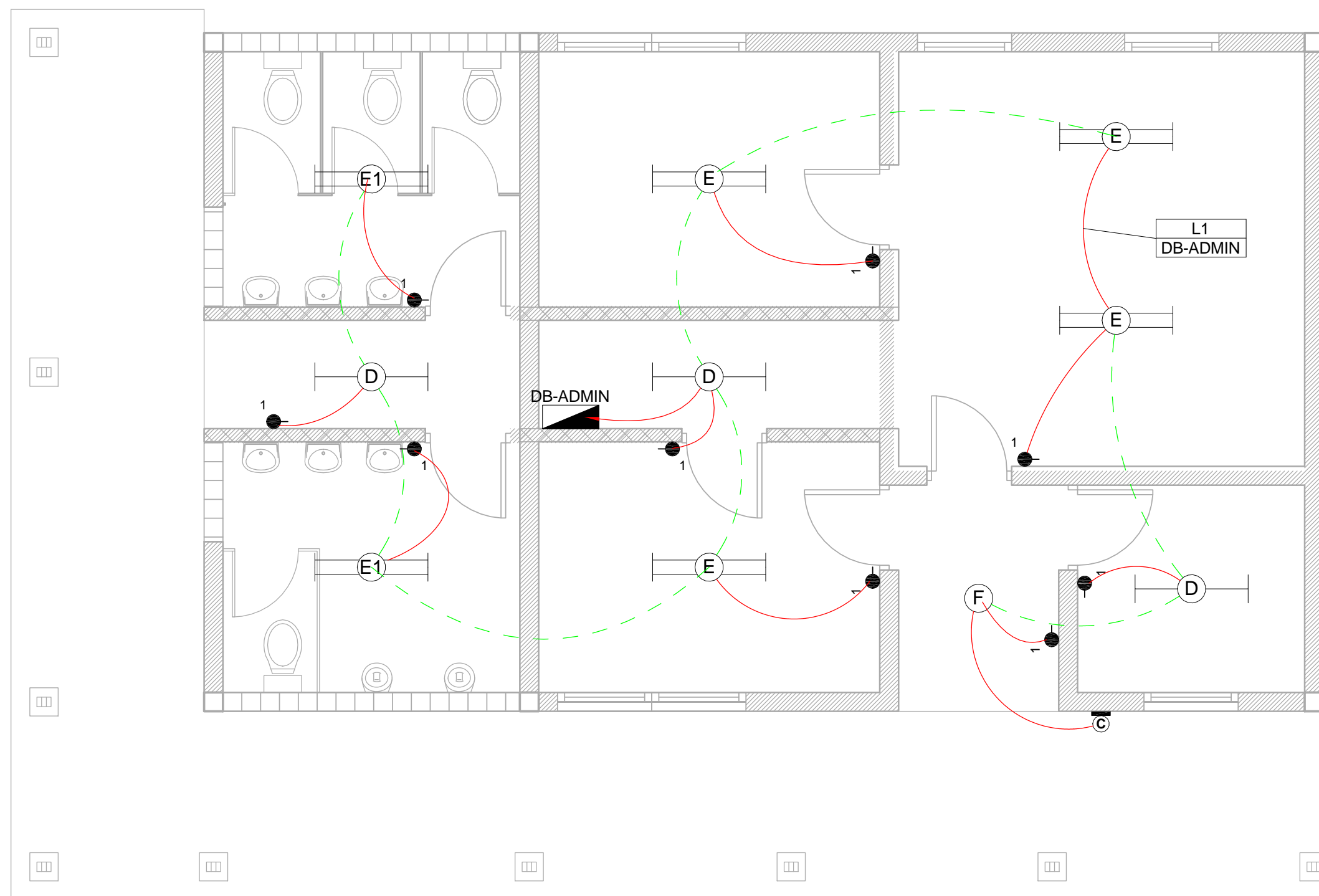
NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 245/7 FOR OVERVIEW



1 Lighting Layout - School Classroom Large
1 : 100



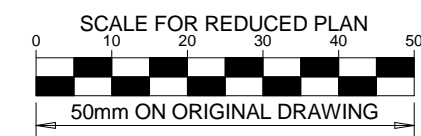
2 Lighting Layout - School Classroom Small
1 : 100



3 Lighting Layout - School Admin
1 : 50

SMALL POWER LEGEND		LIGHTING LEGEND	
	SINGLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	DOUBLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	VOIP DATA POINT		1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	TV POINT		1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I/T-136-ELB)
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.		1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	LIGHT SWITCH		2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I/T-236-ELB)
	2-WAY LIGHT SWITCH		2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	DISTRIBUTION BOARD		1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	DOUBLE POLE ISOLATOR		EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	6U IT CABINET FOR VOIP		ONE LEVER LIGHT SWITCH
	50mm SLEEVE		TWO LEVER LIGHT SWITCH
	25mm CONDUIT		THREE LEVER LIGHT SWITCH
			2-WAY LIGHT SWITCH
			DISTRIBUTION BOARD LOCATION
			DOUBLE POLE ISOLATOR
			PHOTOCELL

CONDUCTOR LEGEND	
1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS	
2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS	
3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS	
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR	
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS	



NOTES

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0038 EA-MZ-CI0100-WOR-E02-00630-01 C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	School Small Power Typical Drawings Sheet 2

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A	03/08/15	TM	SB	Issued for Peer Review
B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
D	09/10/15	TM	CB	Issued for Client Review
E	26/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction



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DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



PROJECT AMA1 RESETTLEMENT VILLAGE

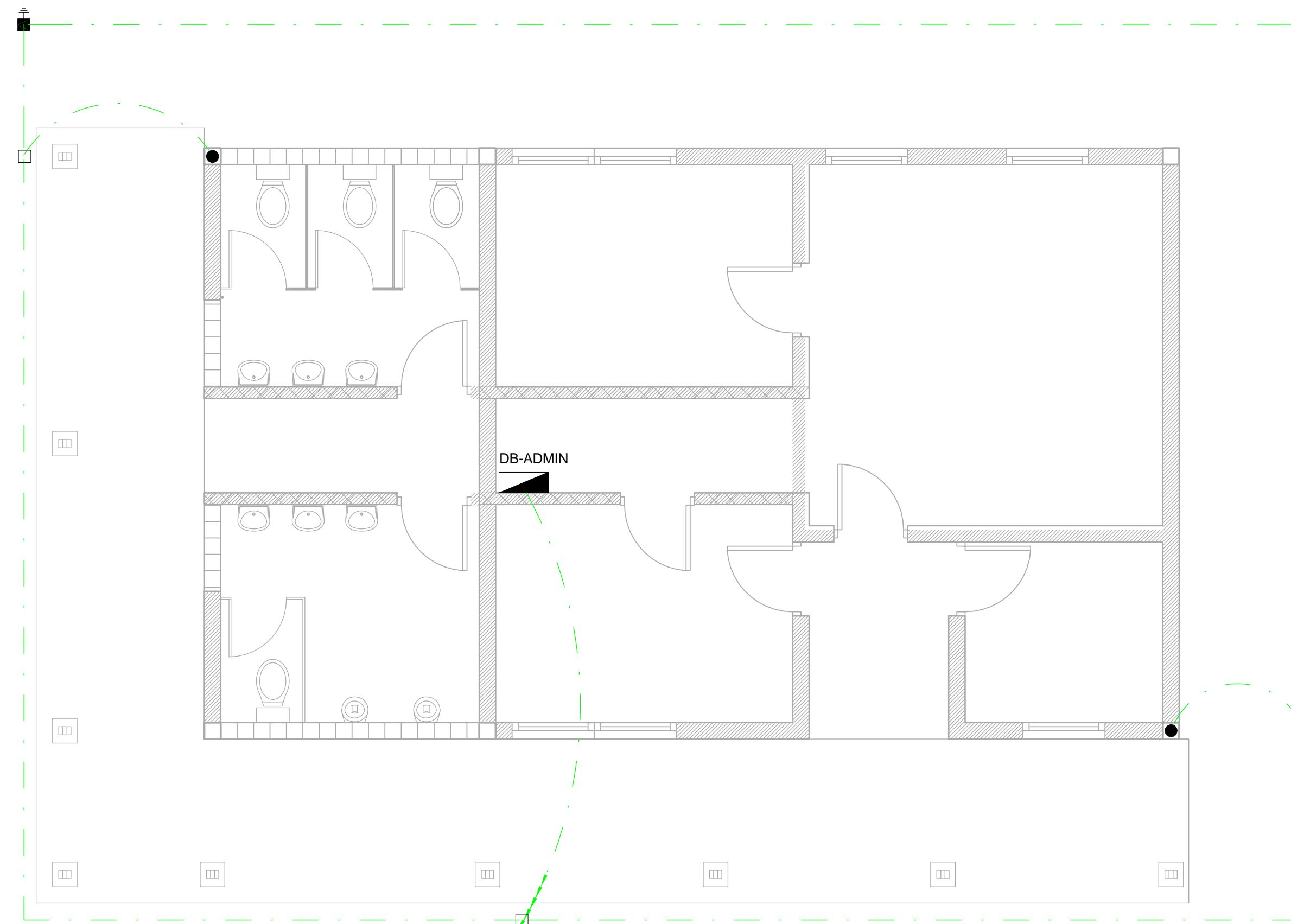
DRAWING DESCRIPTION

Resettlement Village School Lighting

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0039 ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00640-01	REV NO 0

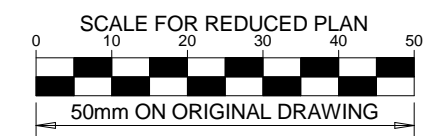
NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 247 FOR OVERVIEW

- 2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMP. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
- 2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
- 1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WTGE)
- 1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/T-136-ELB)
- 1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
- 2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/T-236-ELB)
- 2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
- 1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
- EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
- ONE LEVER LIGHT SWITCH
- TWO LEVER LIGHT SWITCH
- THREE LEVER LIGHT SWITCH
- 2-WAY LIGHT SWITCH
- DISTRIBUTION BOARD LOCATION
- DOUBLE POLE ISOLATOR
- PHOTOCELL



1 Earthing Layout - School Admin
1 : 50

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 247 FOR OVERVIEW



NOTES

1. EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
2. LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
3. LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
4. A MINIMUM OF TWO 70mm² BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DES-0001-001	Typical Drawings Sheet 1
EA-MZ-C10000-WOR-E02-00027-01	

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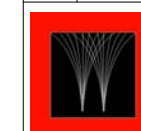
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



REVISIONS

NO.	DATE	CHECKED	DONE BY	DESCRIPTION
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PR ENG:	W Snyman 20050166		02/10/15
PROJECT ENG MANAGER:	L Padayachee		02/10/15
LOCAL PR ENG:			
CLIENT:			

CLIENT



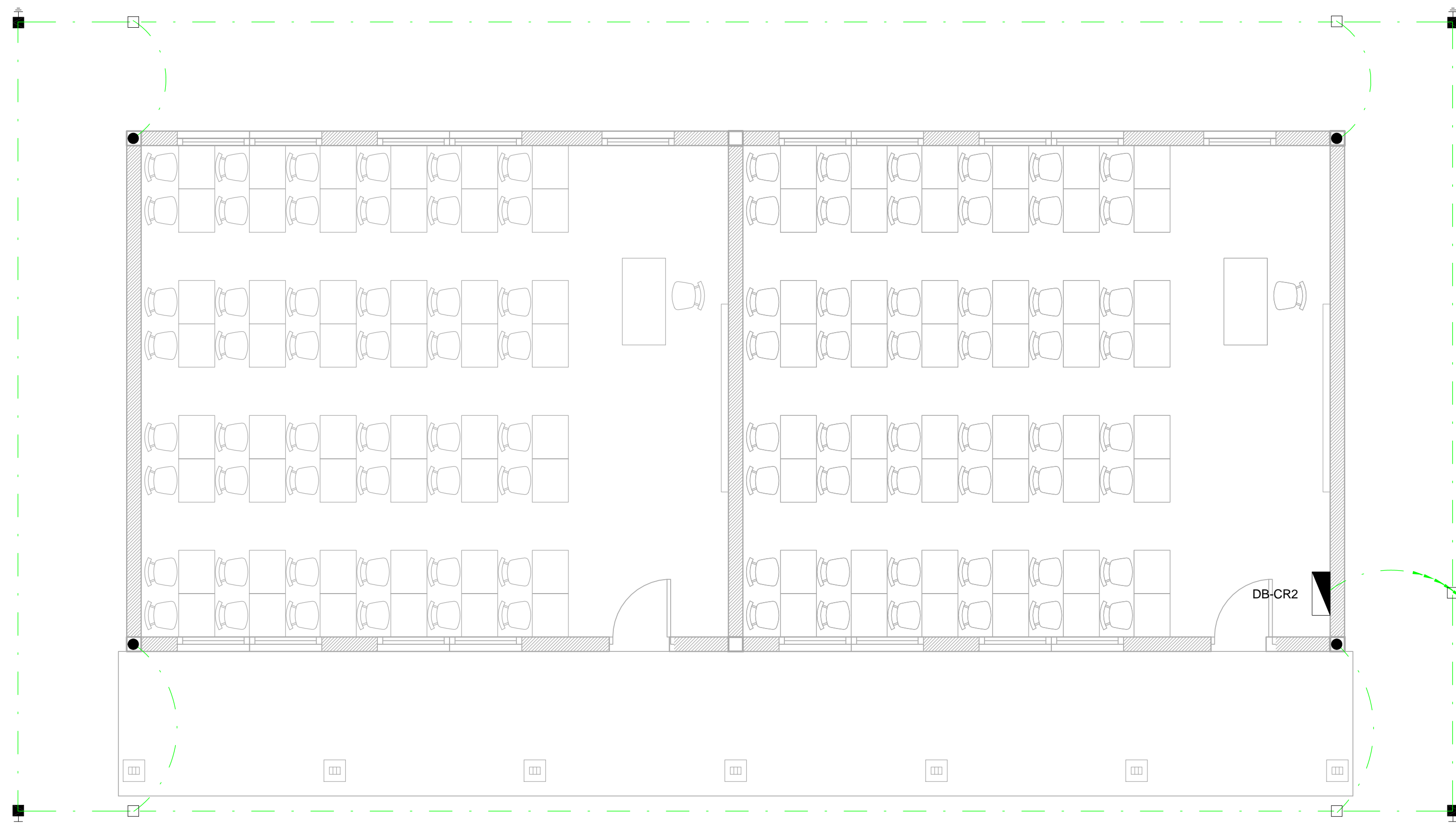
PROJECT

AMA1 RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION

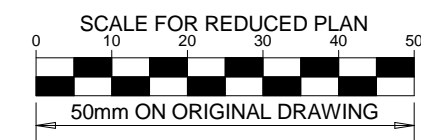
Resettlement Village School Admin Earthing and Lightning Protection

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0059	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00632-01	



- EARTHING LEGEND**
- CADWELDED CONNECTION
 - 3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
 - DOWN CONDUCTOR
 - 70MM2 BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS



NOTES

1. EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
2. LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
3. LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
4. A MINIMUM OF TWO 70mm2 BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1

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PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

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PROJECT

AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

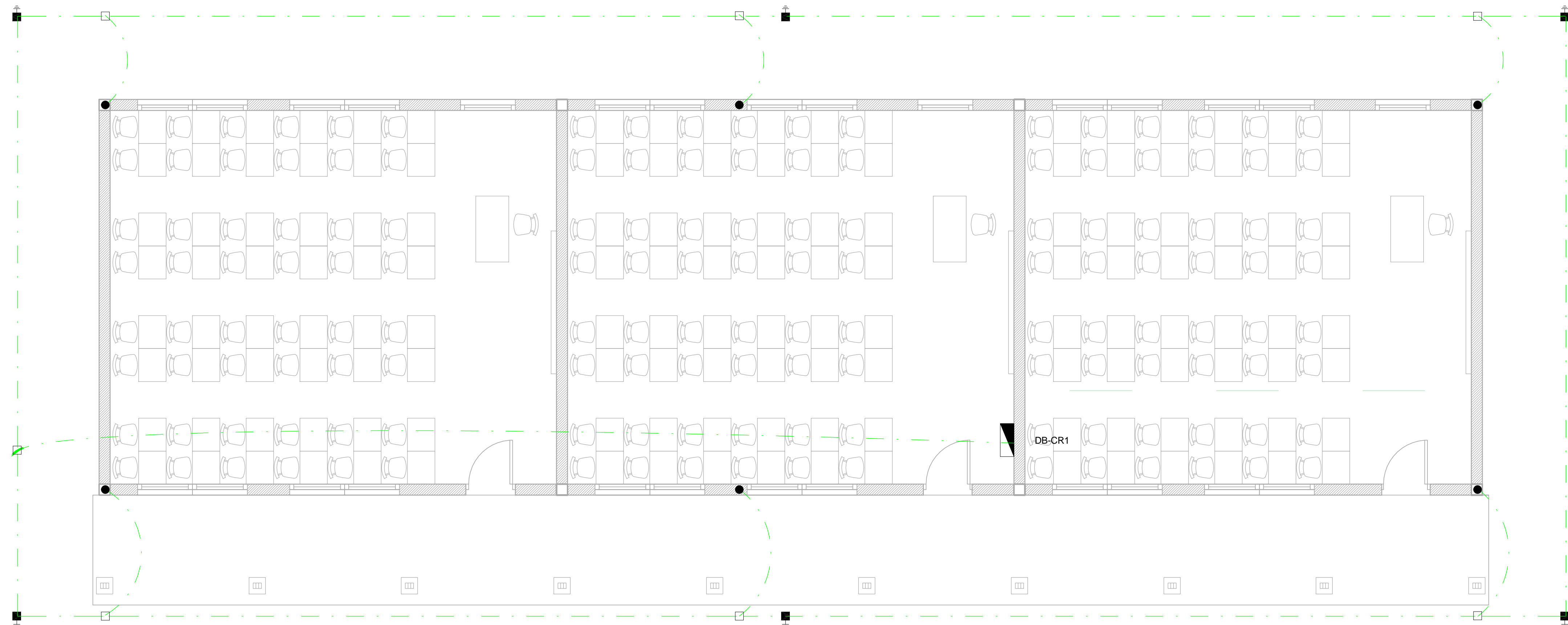
**Resettlement Village School
Earthing and Lightning
Protection**

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0058	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00631-01	

2 Earthing Layout - School Classroom Small
1 : 50

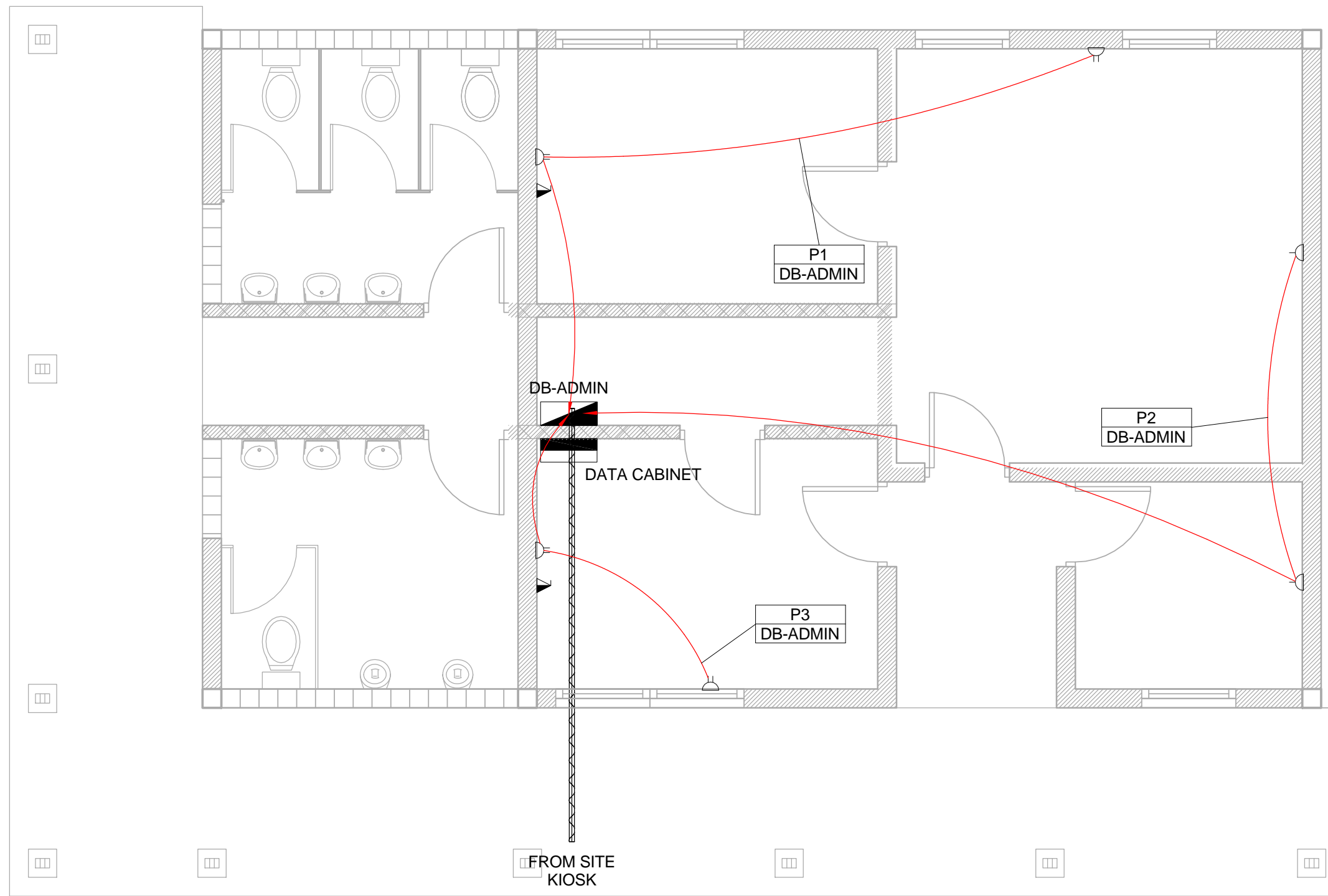
MUST BE BONDED TO
ADJACENT BUILDING'S
EARTHING

MUST BE BONDED TO
ADJACENT BUILDING'S
EARTHING



1 Earthing Layout - School Classroom Large
1 : 50

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 247 FOR OVERVIEW



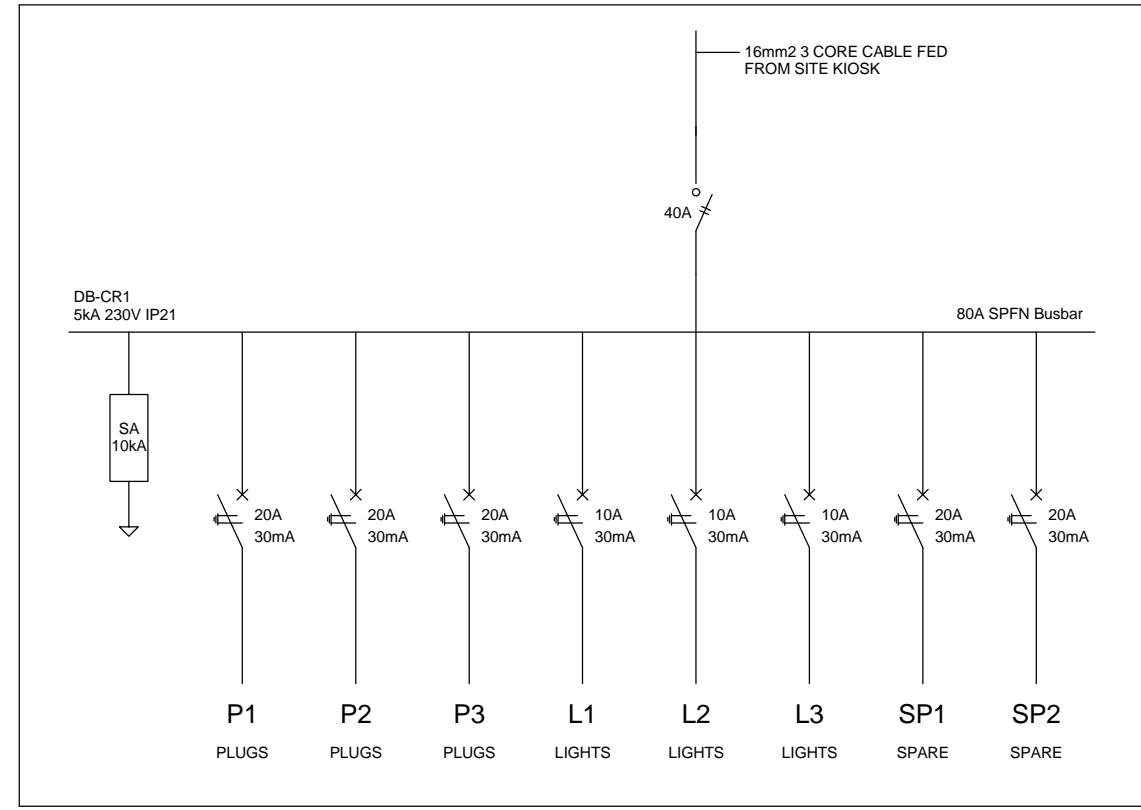
1 Power Layout - School Admin
1 : 50



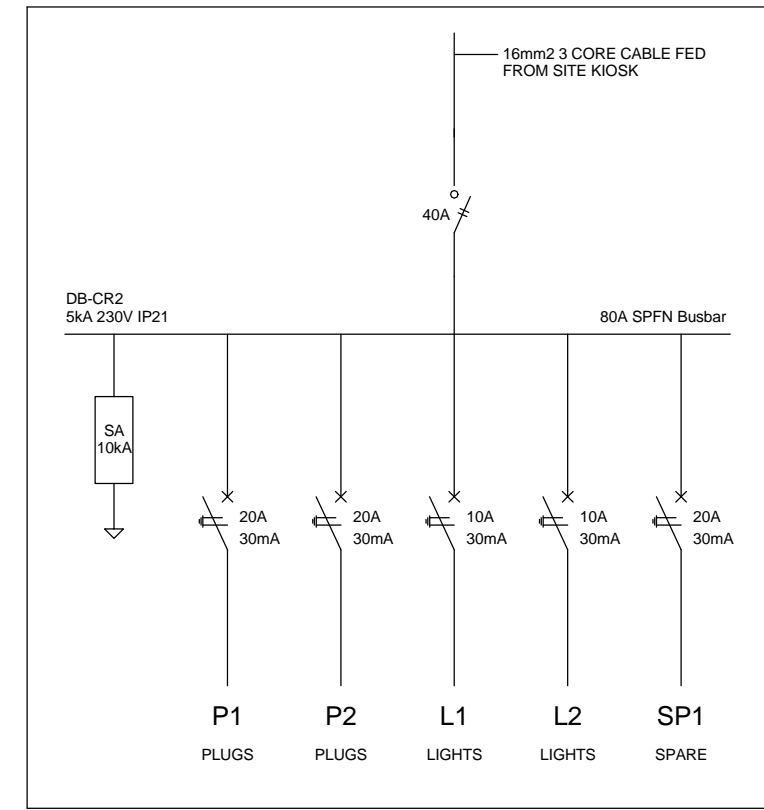
3 Power Layout - School Classroom Small
1 : 100



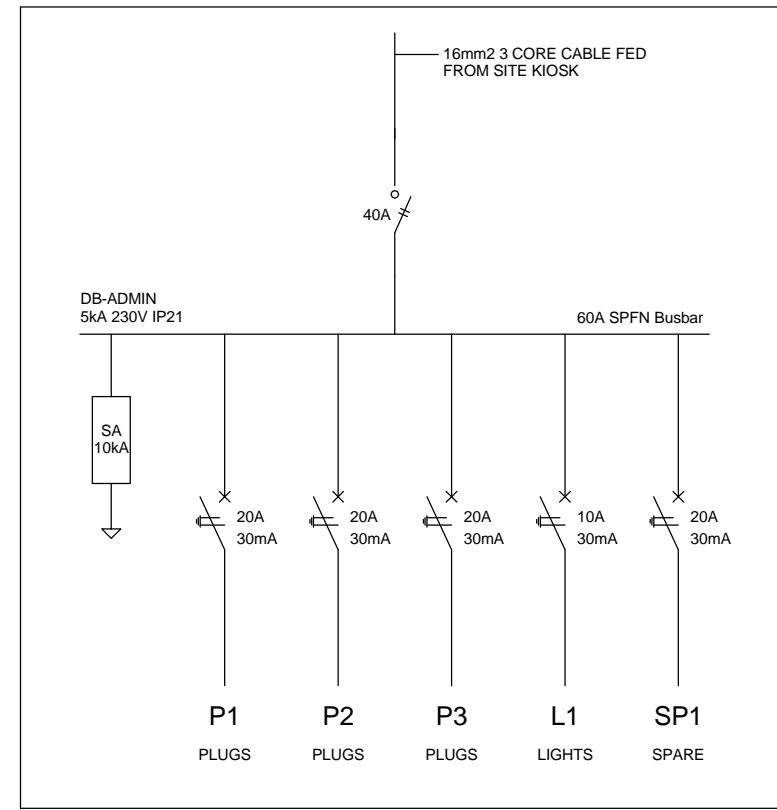
2 Power Layout - School Classroom Large
1 : 100



4 Schematic - School Classroom Large
1 : 20



5 Schematic - School Classroom Small
1 : 20



6 Schematic - School Admin
1 : 20

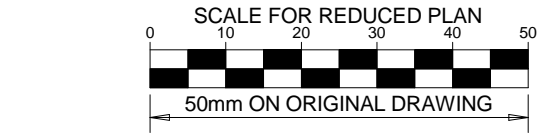
SMALL POWER LEGEND	
	SINGLE SOCKET OUTLET
	DOUBLE SOCKET OUTLET
	VOIP DATA POINT
	TV POINT
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.
	LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD
	DOUBLE POLE ISOLATOR
	6U IT CABINET FOR VOIP
	50mm SLEEVE
	25mm CONDUIT

LIGHTING LEGEND	
	2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS 'POLE' AND LS122 'LIGHT' FROM RADIANT)
	2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MMF CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I/T-136-ELB)
	1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I/T-236-ELB)
	2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	1X18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	ONE LEVER LIGHT SWITCH
	TWO LEVER LIGHT SWITCH
	THREE LEVER LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD LOCATION
	DOUBLE POLE ISOLATOR
	PHOTOCELL

CONDUCTOR LEGEND	
1. 2.5mm2 CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS	
2. 4mm2 CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS	
3. 6mm2 CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS	
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR	
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS	

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 247 FOR OVERVIEW




NOTES	
1. ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL	
DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0061	School Site Power and Lighting
EA-MZ-CI0100-WOR-E02-00633-01	Typical Drawings Sheet 2
C00290-00-EL-DES-0001-002	
EA-MZ-CI0000-WOR-E02-00027-02	

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PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



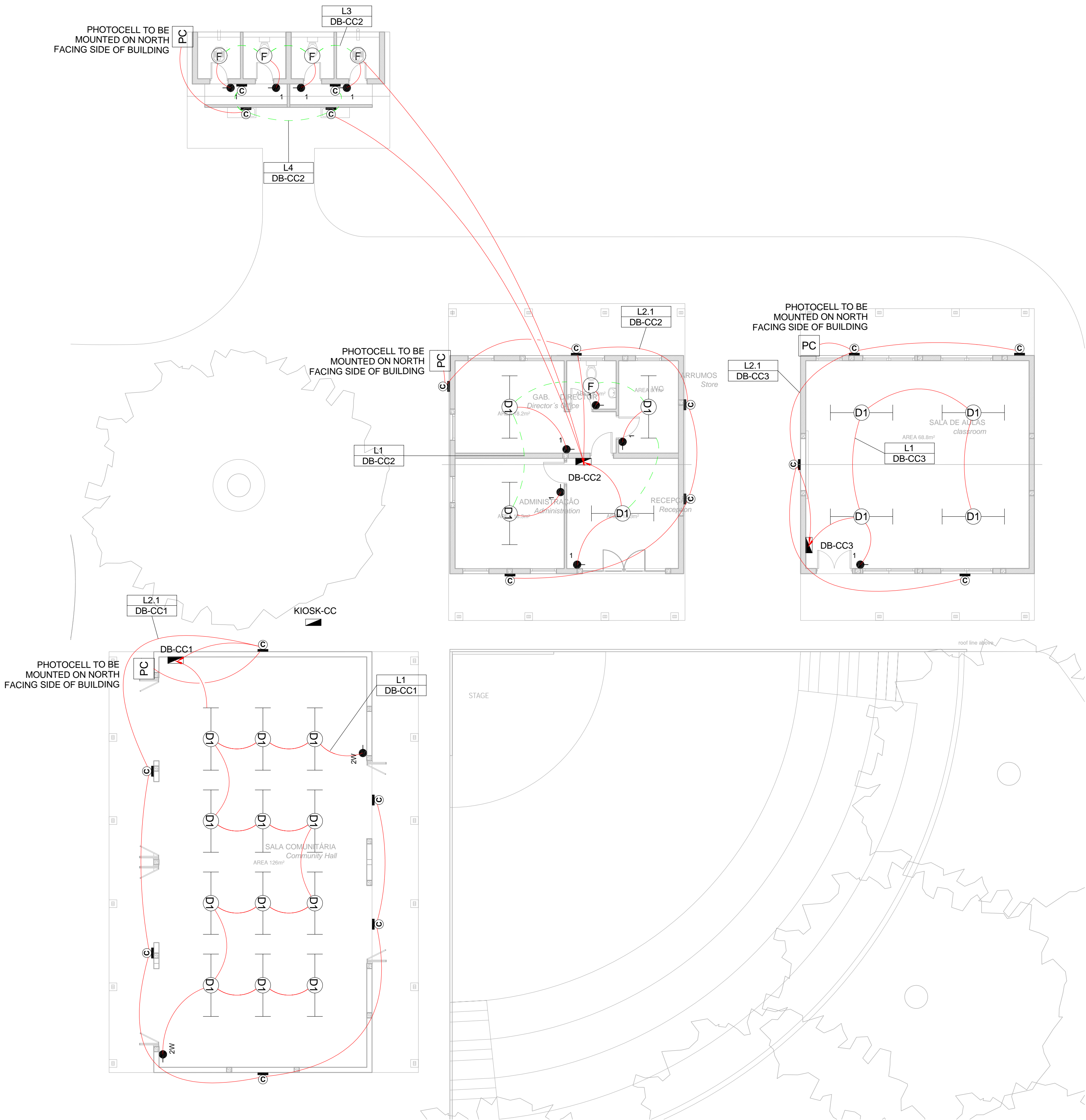


Mozambique Area 1, Lda

PROJECT
AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION
Resettlement Village School Small Power

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0038	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00630-01	



SMALL POWER LEGEND		LIGHTING LEGEND	
	SINGLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED, (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	DOUBLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	VOIP DATA POINT		1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	TV POINT		1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R1/T-136-ELB)
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.		1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	LIGHT SWITCH		2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R1/T-236-ELB)
	2-WAY LIGHT SWITCH		2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	DISTRIBUTION BOARD		1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE LS896)
	DOUBLE POLE ISOLATOR		EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	6U IT CABINET FOR VOIP		ONE LEVER LIGHT SWITCH
	50mm SLEEVE		TWO LEVER LIGHT SWITCH
	25mm CONDUIT		THREE LEVER LIGHT SWITCH
			2-WAY LIGHT SWITCH
			DISTRIBUTION BOARD LOCATION
			DOUBLE POLE ISOLATOR
			PHOTOCELL

CONDUCTOR LEGEND	
1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS	
2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS	
3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS	
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR	
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS	

SCALE FOR REDUCED PLAN
0 10 20 30 40 50
50mm ON ORIGINAL DRAWING

NOTES

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0033	Bus Community Centre Small Power
C00290-00-EL-DES-0001-002	Typical Drawings Sheet 2
EA-MZ-CI0000-WOR-E02-00027-02	

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PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

MOZAMBIQUE
GAS DEVELOPMENT PROJECT

Anadarko
Mozambique Area 1, Lda

PROJECT
AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION
Resettlement Village Bus Community Centre Lighting

SCALE 1 : 100 ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0034	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00535-01	

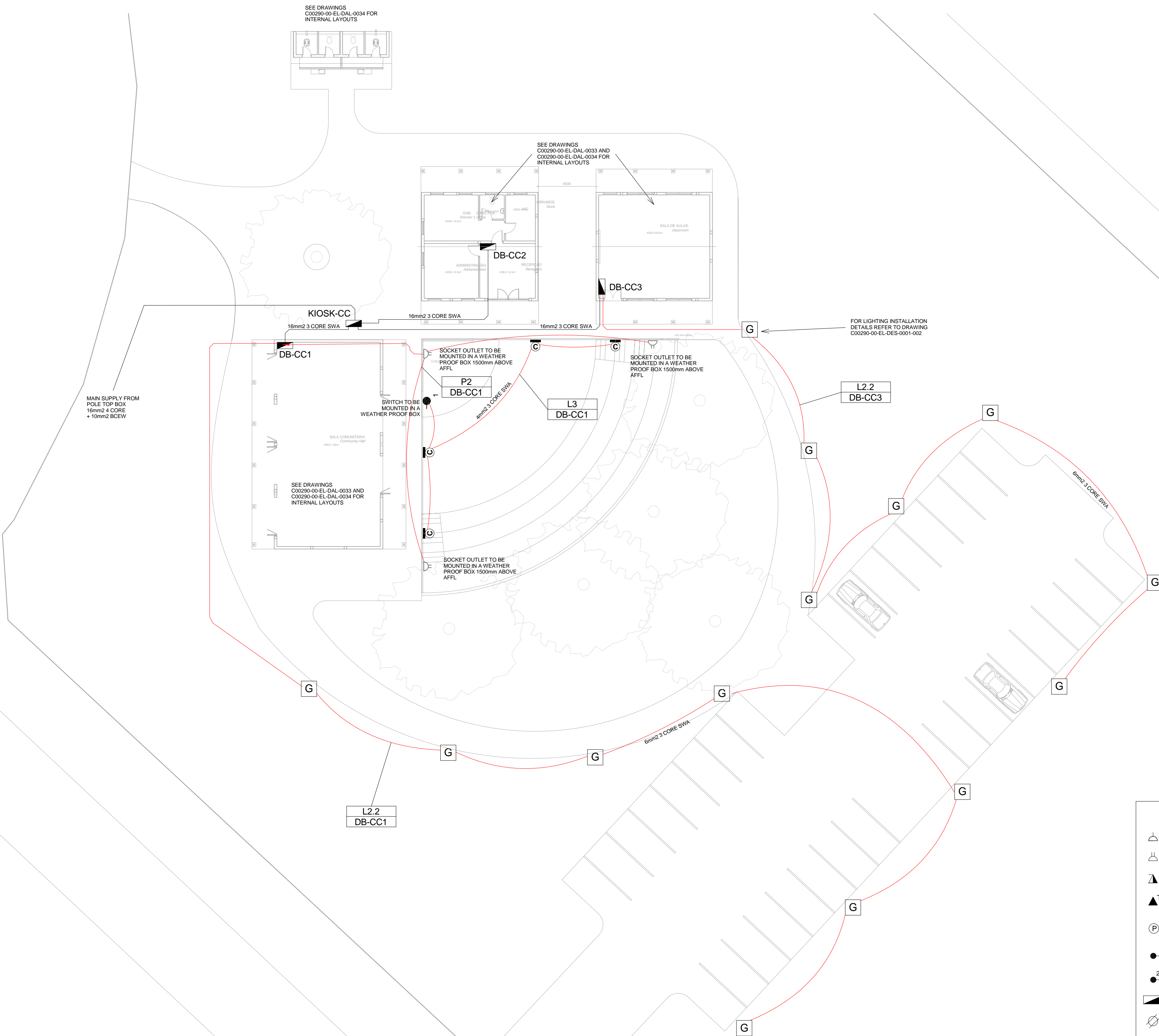
1 Lighting Layout - Community Centre
1 : 100

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 218 FOR OVERVIEW

1

Site Lighting & Power Layout - Community Centre

1 : 200

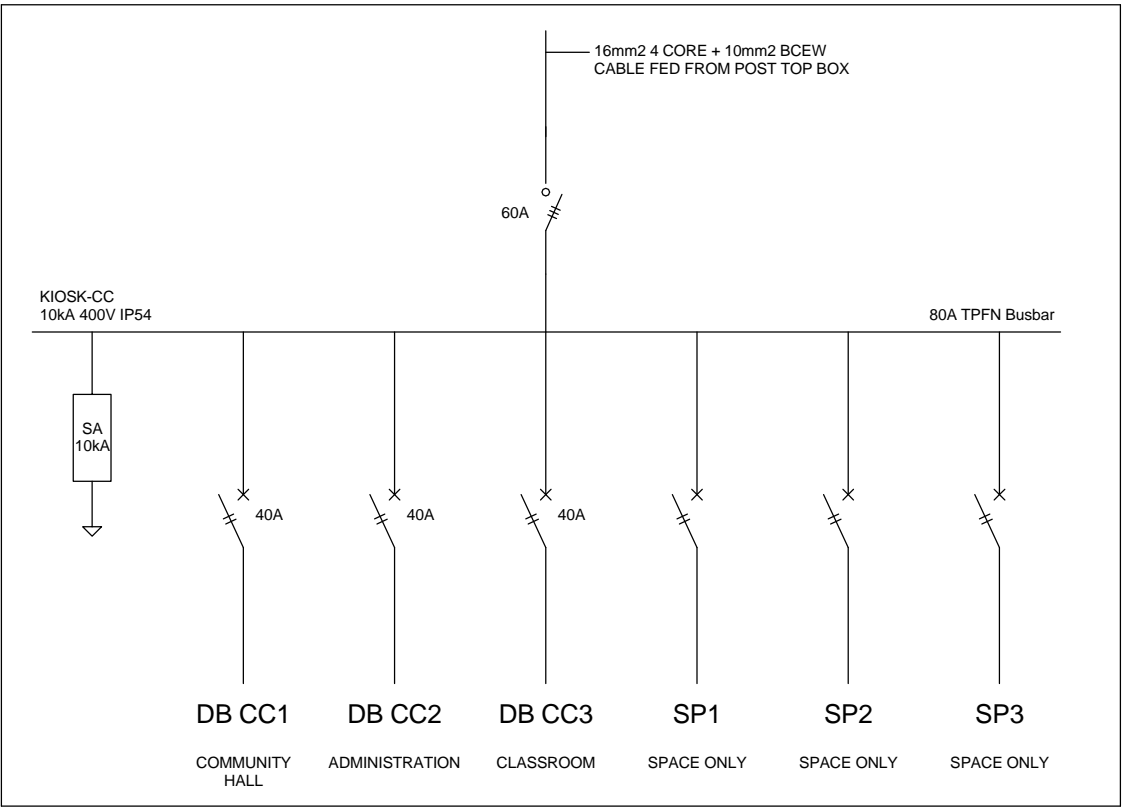


- CONDUCTOR LEGEND**
- 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
 - 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
 - 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
 - ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
 - ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

- SMALL POWER LEGEND**
- SINGLE SOCKET OUTLET
 - DOUBLE SOCKET OUTLET
 - VOIP DATA POINT
 - TV POINT
 - POWER POLE WITH 2 X DOUBLE SOCKET OUTLET
 - LIGHT SWITCH
 - 2-WAY LIGHT SWITCH
 - DISTRIBUTION BOARD
 - DOUBLE POLE ISOLATOR
 - 6U IT CABINET FOR VOIP
 - 50mm SLEEVE
 - 25mm CONDUIT
- LIGHTING LEGEND**
- 2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
 - 2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
 - 1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
 - 1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
 - 1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
 - 2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
 - 2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
 - 1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
 - EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
 - ONE LEVER LIGHT SWITCH
 - TWO LEVER LIGHT SWITCH
 - THREE LEVER LIGHT SWITCH
 - 2-WAY LIGHT SWITCH
 - DISTRIBUTION BOARD LOCATION
 - DOUBLE POLE ISOLATOR
 - PHOTOCCELL

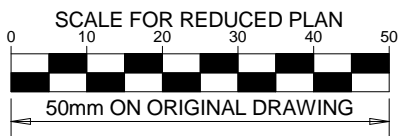
2 Schematic - Community Centre Kiosk

1 : 20



NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 218 FOR OVERVIEW

- SCHEMATICS LEGEND**
- SINGLE PHASE SWITCH
 - SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
 - SINGLE PHASE SWITCH DISCONNECTOR
 - SINGLE PHASE CIRCUIT BREAKER
 - SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
 - THREE PHASE SWITCH
 - THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
 - THREE PHASE SWITCH DISCONNECTOR
 - THREE PHASE CIRCUIT BREAKER
 - THREE PHASE CIRCUIT BREAKER FOR ISOLATION
 - RCBO PROTECTION



NOTES

- POWER CABLES SHALL BE BURIED DIRECTLY AT A MINIMUM OF 600mm BELOW GRADE
- WHERE POWER CABLES ARE BURIED BELOW A ROAD CROSSING OR PATHWAY, 2x 110mm SLEEVES SHALL BE INSTALLED
- WHERE SPECIFIED ON THE DRAWING, CONDUITS/SLEEVES SHALL BE INSTALLED

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009	Site Electrical Reticulation - LV (Overview)
C00290-00-EL-DAL-0033	Bus Community Centre Small Power
C00290-00-EL-DAL-0034	Bus Community Centre Lighting
EA-MZ-CI0100-WOR-E02-00530-01	Typical Drawings Sheet 2

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PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

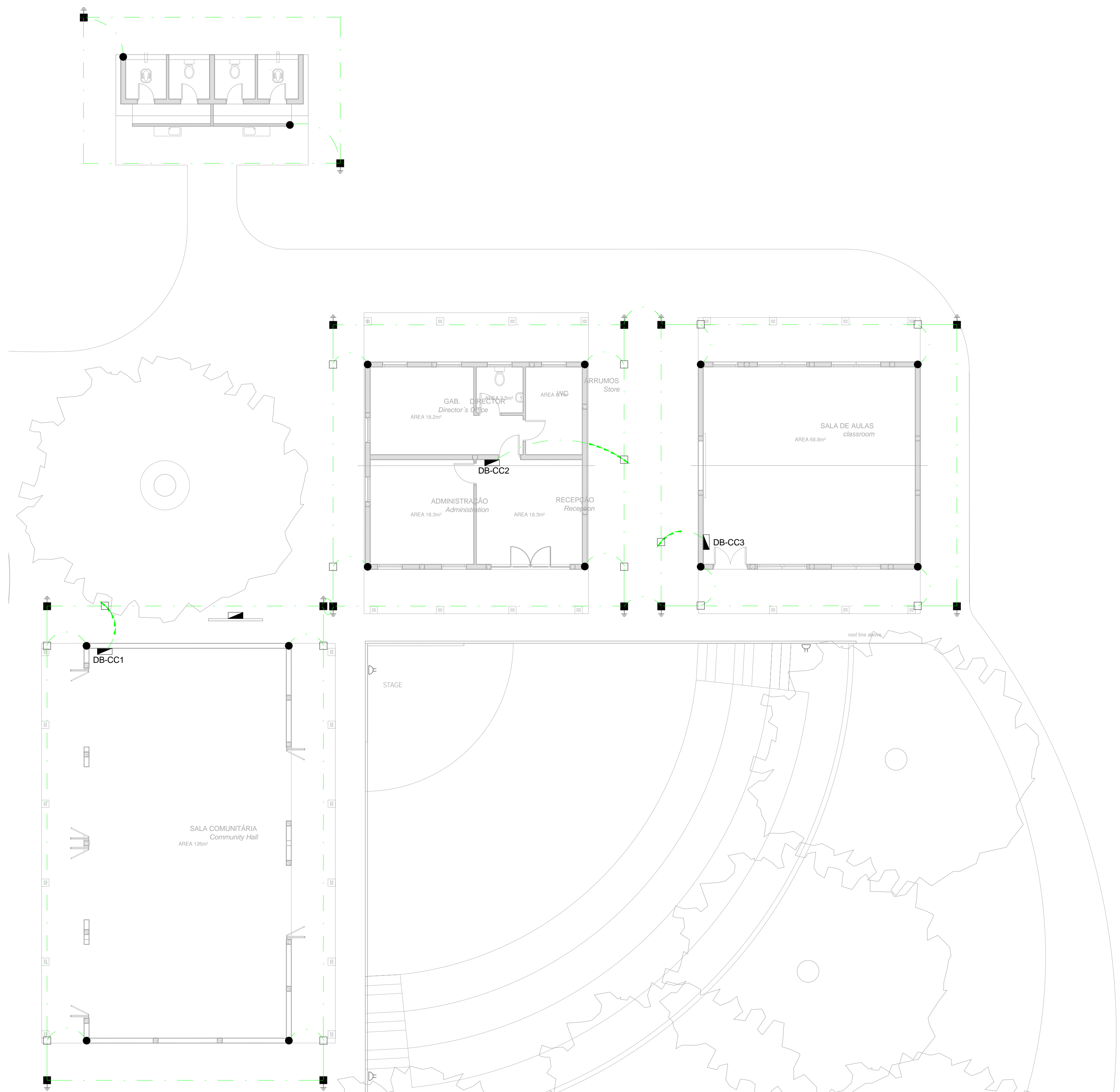
CLIENT



PROJECT AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION Resettlement Village Bus Community Centre Site Power and Lighting

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0060	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00532-01	



EARTHING LEGEND

CADWELDED CONNECTION

3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M

DOWN CONDUCTOR

70MM2 BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS

SCALE FOR REDUCED PLAN
0 10 20 30 40 50
50mm ON ORIGINAL DRAWING

NOTES
1. EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
2. LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
3. LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
4. A MINIMUM OF TWO 70mm2 BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1

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PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

Mozambique Area 1, Lda

PROJECT
AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION
Resettlement Village Bus Community Centre Earthing and Lightning Protection

SCALE	DATE
1 : 100 ORIGINAL DWG SIZE A1	DECEMBER 2015

DRAWING NUMBER	REV NO
C00290-00-EL-DAL-0054	0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E02-00531-01

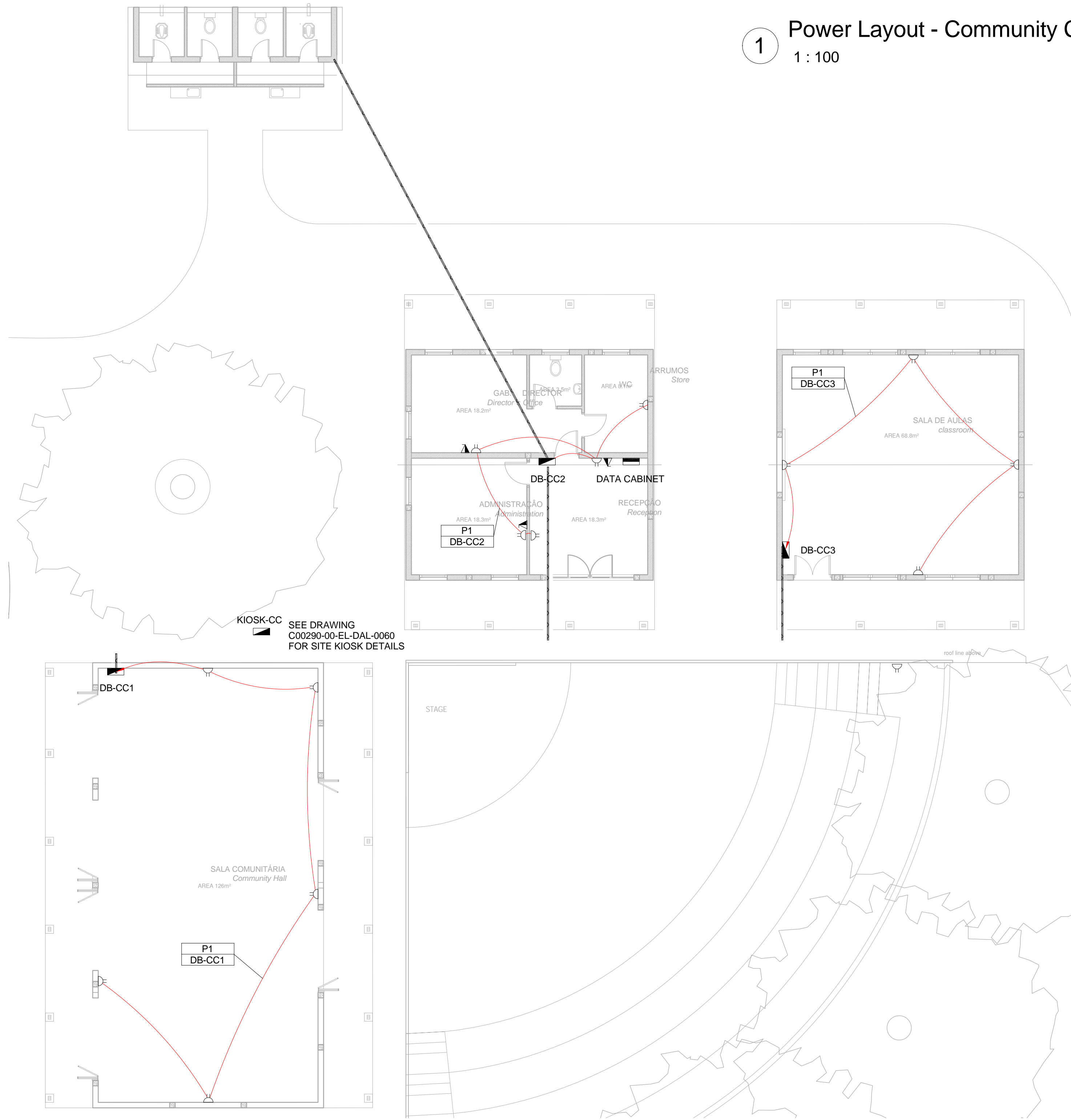
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Earthing Layout - Community Centre
1 : 100

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 218 FOR OVERVIEW

1 Power Layout - Community Centre

1 : 100



SMALL POWER LEGEND	
	SINGLE SOCKET OUTLET
	DOUBLE SOCKET OUTLET
	VOIP DATA POINT
	TV POINT
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.
	LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD
	DOUBLE POLE ISOLATOR
	6U IT CABINET FOR VOIP
	50mm SLEEVE
	25mm CONDUIT

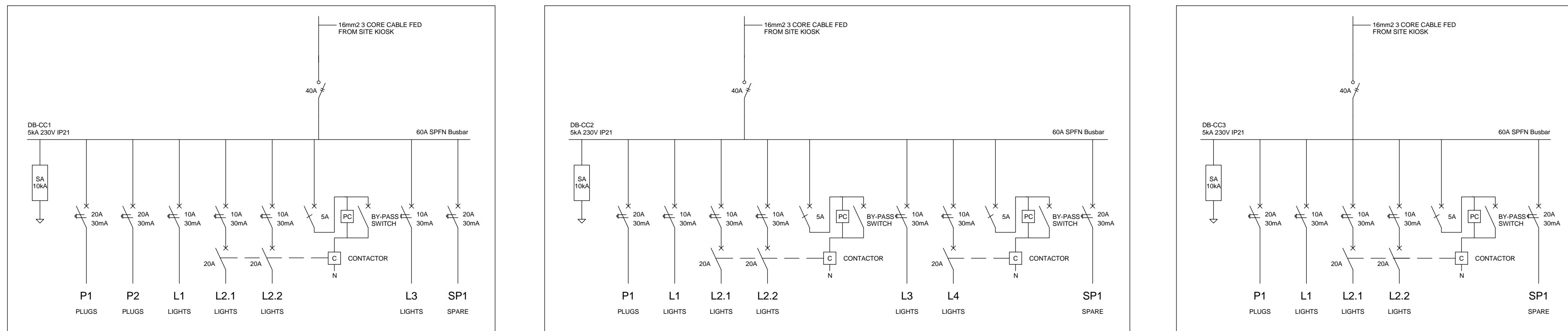
LIGHTING LEGEND	
	2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
	1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
	2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	ONE LEVER LIGHT SWITCH
	TWO LEVER LIGHT SWITCH
	THREE LEVER LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD LOCATION
	DOUBLE POLE ISOLATOR
	PHOTOCELL

CONDUCTOR LEGEND	
1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS	
2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS	
3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS	
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR	
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS	

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION

2 Schematic - Community Centre

1 : 20



NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 218 FOR OVERVIEW

SCALE FOR REDUCED PLAN
0 10 20 30 40 50
50mm ON ORIGINAL DRAWING

NOTES

1. RCD MUST BE EQUIPED WITH OVERLOAD PROTECTION

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009	Site Electrical Reticulation – LV (Overview)
C00290-00-EL-DAL-0000	Bus Community Centre Site Power and Lighting
EA-MZ-CI0100-WOR-E02-00532-01	Typical Drawings Sheet 2

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CLIENT

Mozambique Area 1, Lda

PROJECT

AMA1 RESETTLEMENT VILLAGE

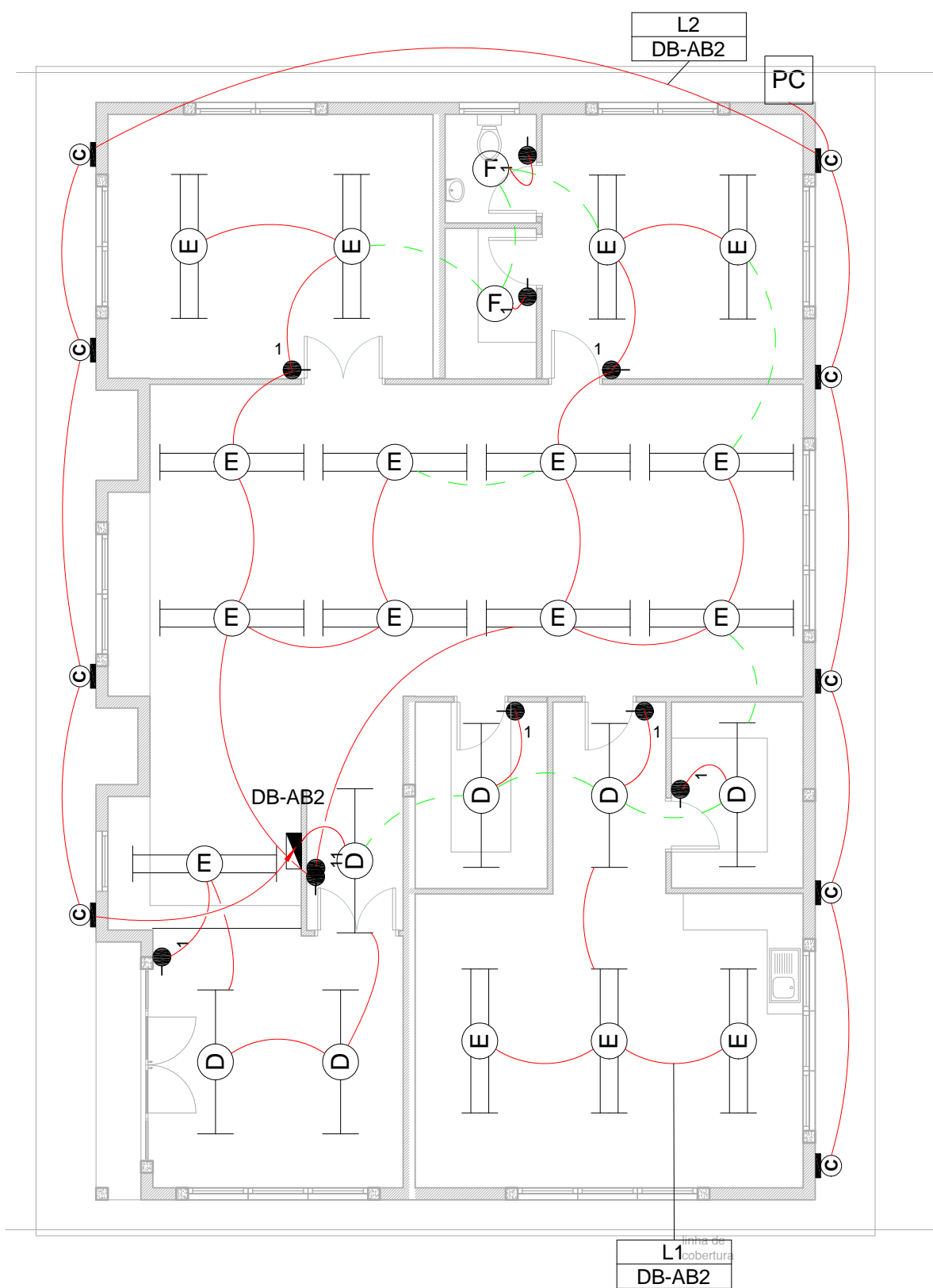
DRAWING DESCRIPTION

Resettlement Village Bus Community Centre Small Power

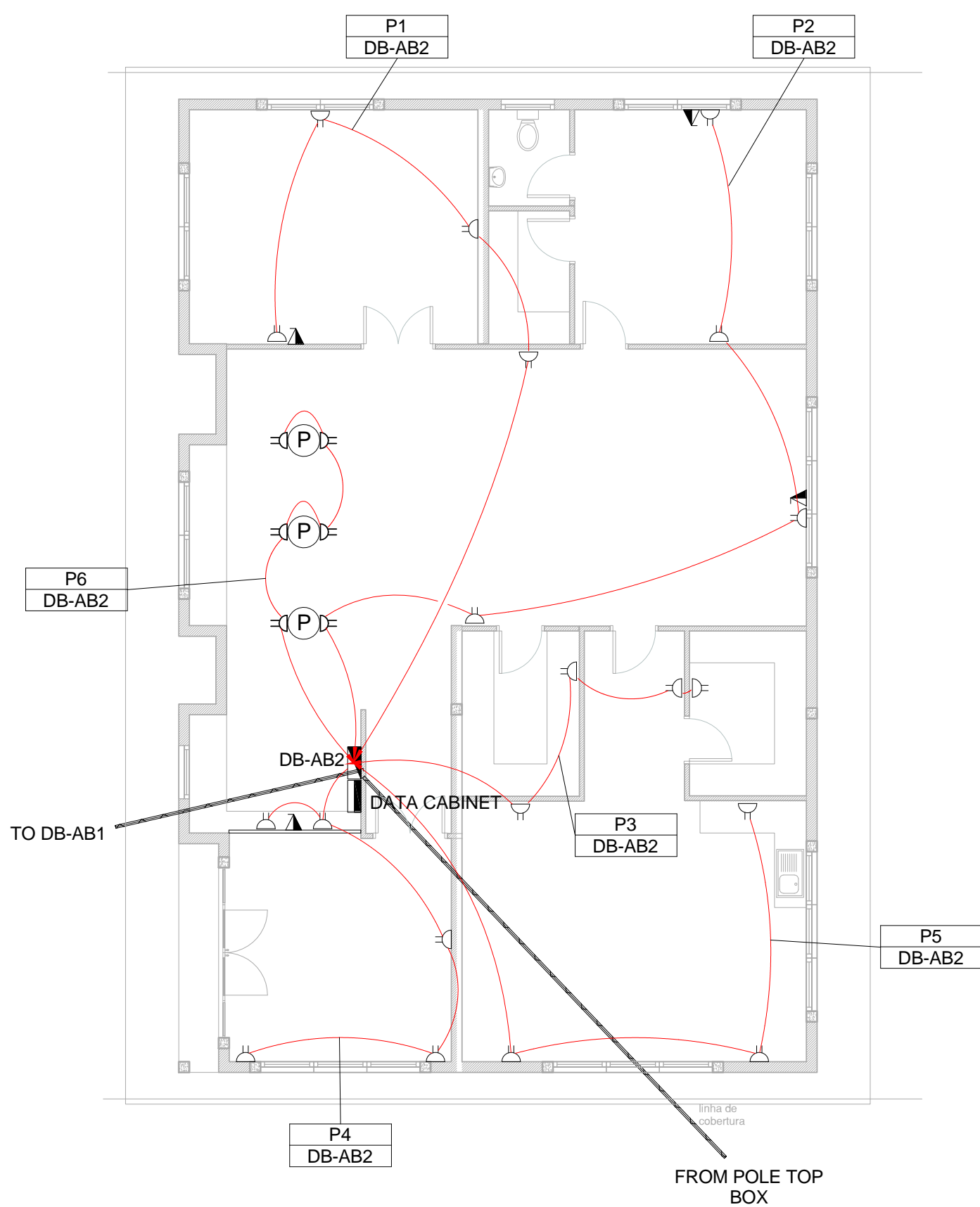
SCALE	DATE
As indicated ORIGINAL DWG SIZE A1	DECEMBER 2015

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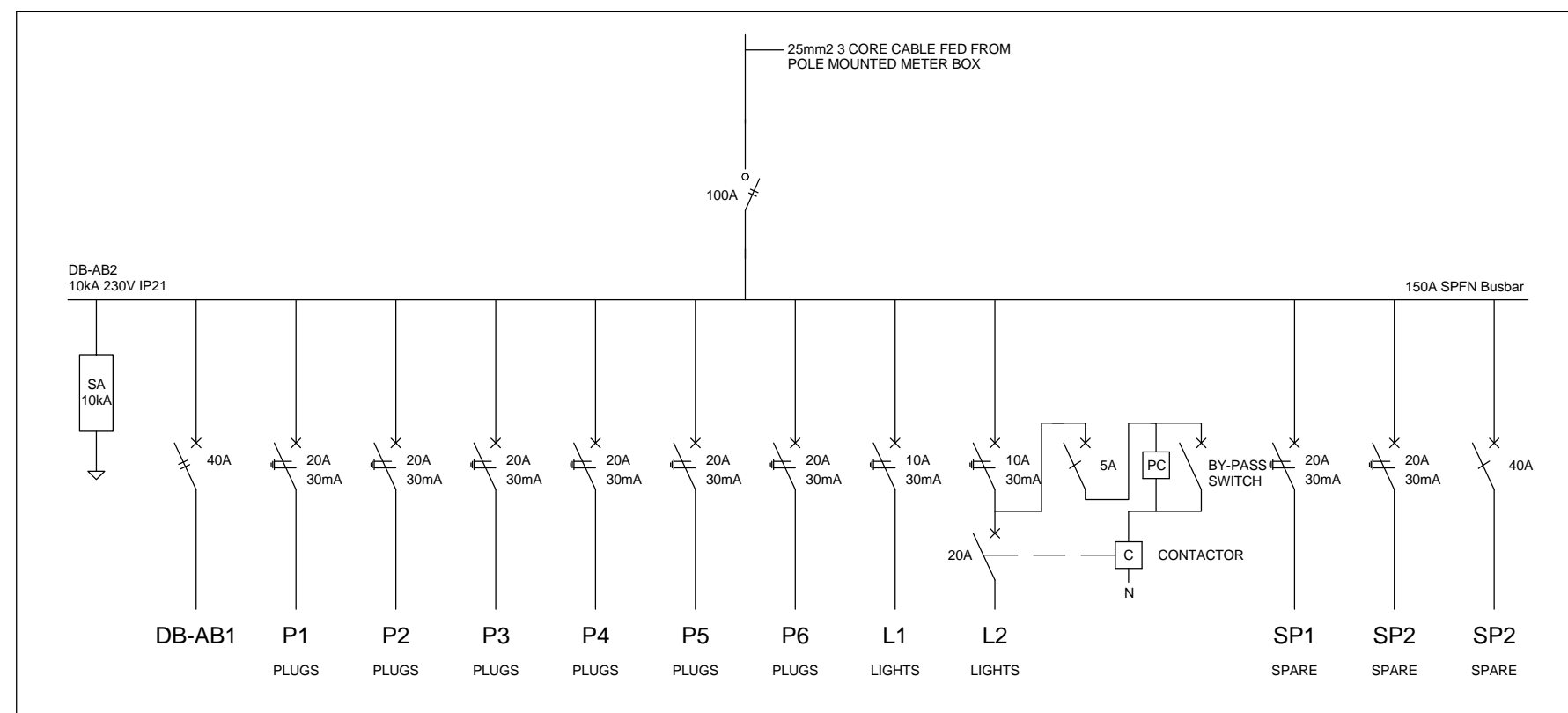
ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E02-00530-01



1 Lighting Layout - Admin Block 2
1 : 100



2 Power Layout - Admin Block 2
1 : 100



3 Schematic - Admin Block 2
1 : 20

SMALL POWER LEGEND	LIGHTING LEGEND
SINGLE SOCKET OUTLET	2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
DOUBLE SOCKET OUTLET	2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
VOIP DATA POINT	1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
TV POINT	1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.	1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
LIGHT SWITCH	2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
2-WAY LIGHT SWITCH	2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
DISTRIBUTION BOARD	1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
DOUBLE POLE ISOLATOR	EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
6U IT CABINET FOR VOIP	ONE LEVER LIGHT SWITCH
50mm SLEEVE	TWO LEVER LIGHT SWITCH
25mm CONDUIT	THREE LEVER LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD LOCATION
	DOUBLE POLE ISOLATOR
	PHOTOCELL

SCHEMATICS LEGEND
SINGLE PHASE SWITCH
SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
SINGLE PHASE SWITCH DISCONNECTOR
SINGLE PHASE CIRCUIT BREAKER
SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
THREE PHASE SWITCH
THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
THREE PHASE SWITCH DISCONNECTOR
THREE PHASE CIRCUIT BREAKER
THREE PHASE CIRCUIT BREAKER FOR ISOLATION
RCBO PROTECTION

CONDUCTOR LEGEND
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5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

SCALE FOR REDUCED PLAN
0 10 20 30 40 50
50mm ON ORIGINAL DRAWING

NOTES
1. ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-00007-01 C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Site Electrical Reticulation – LV (Overview) Typical Drawings Sheet 2

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CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

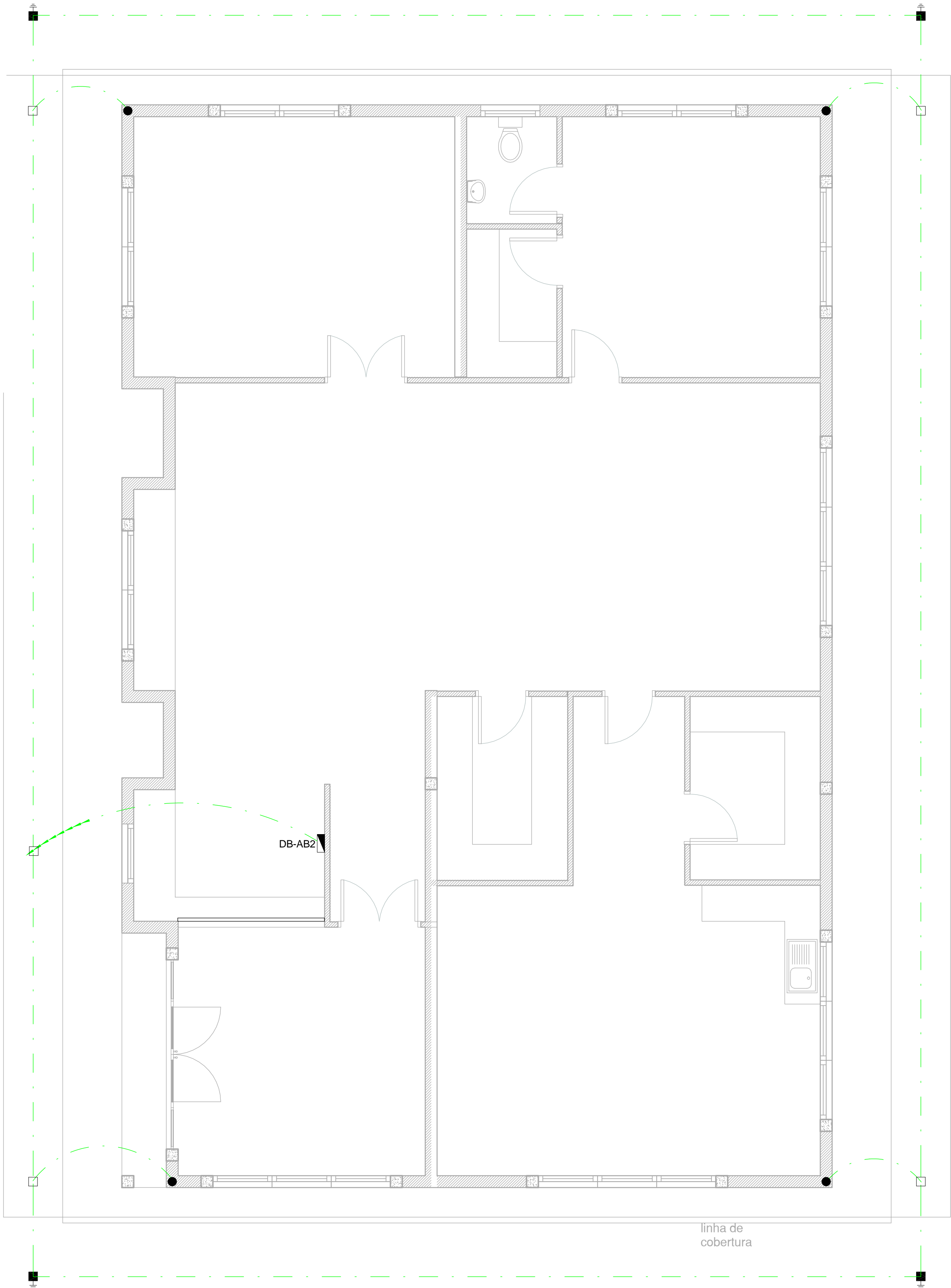
MOZAMBIQUE
GAS DEVELOPMENT PROJECT

Anadarko
Mogambique Area 1, Lda

PROJECT
AMA1 RESETTLEMENT VILLAGE

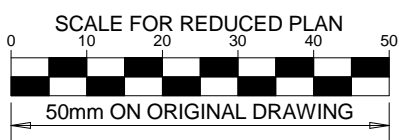
DRAWING DESCRIPTION
Resettlement Village Admin Block 2 Small Power and Lighting

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0031	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00435-01	



EARTHING LEGEND	
	CADWELDED CONNECTION
	3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
	DOWN CONDUCTOR
	70MM2 BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS



NOTES

1. EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
2. LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
3. LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
4. A MINIMUM OF TWO 70mm2 BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1

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CLIENT:		

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PROJECT

AMA1 RESETTLEMENT VILLAGE

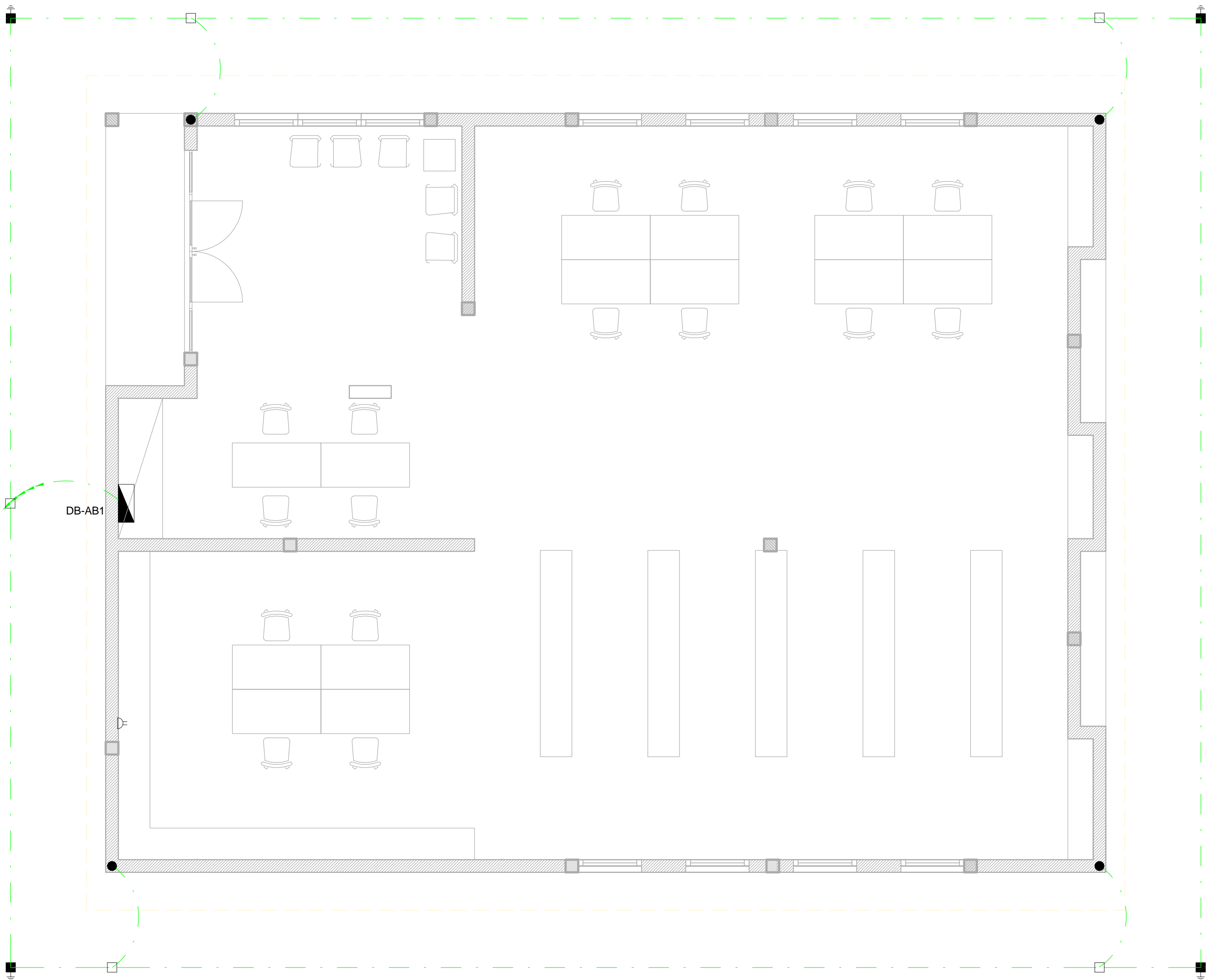
DRAWING DESCRIPTION

Resettlement Village Admin Block 2 Earthing and Lightning Protection

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0053	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00433-01	

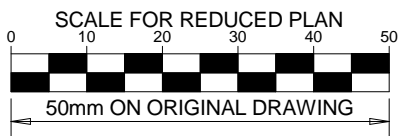
1 Earthing Layout - Admin Block 2
1 : 50

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 243 FOR OVERVIEW



EARTHING LEGEND	
	CADWELDED CONNECTION
	3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
	DOWN CONDUCTOR
	70MM2 BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS



- NOTES
1. EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm

2. LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS

3. LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY

4. A MINIMUM OF TWO 70mm2 BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1

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PROJECT

AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

Resettlement Village Admin Block 1 Earthing and Lightning Protection

SCALEAs indicatedORIGINAL DWG SIZE A1

DATEDECEMBER 2015

DRAWING NUMBERC00290-00-EL-DAL-0052

REV NO0

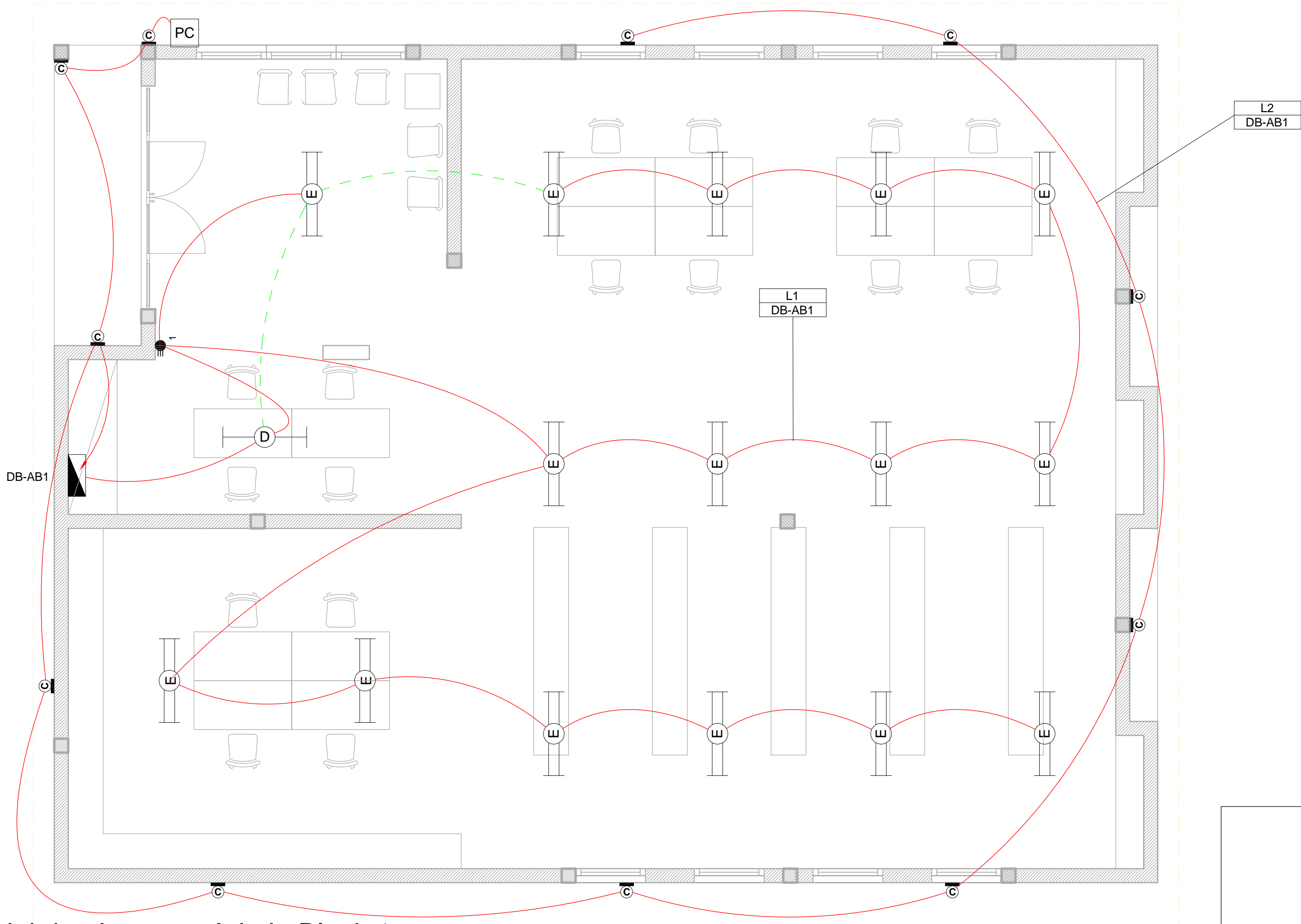
ANADARKO DRAWING NUMBEREA-MZ-CI0100-WOR-E02-00432-01

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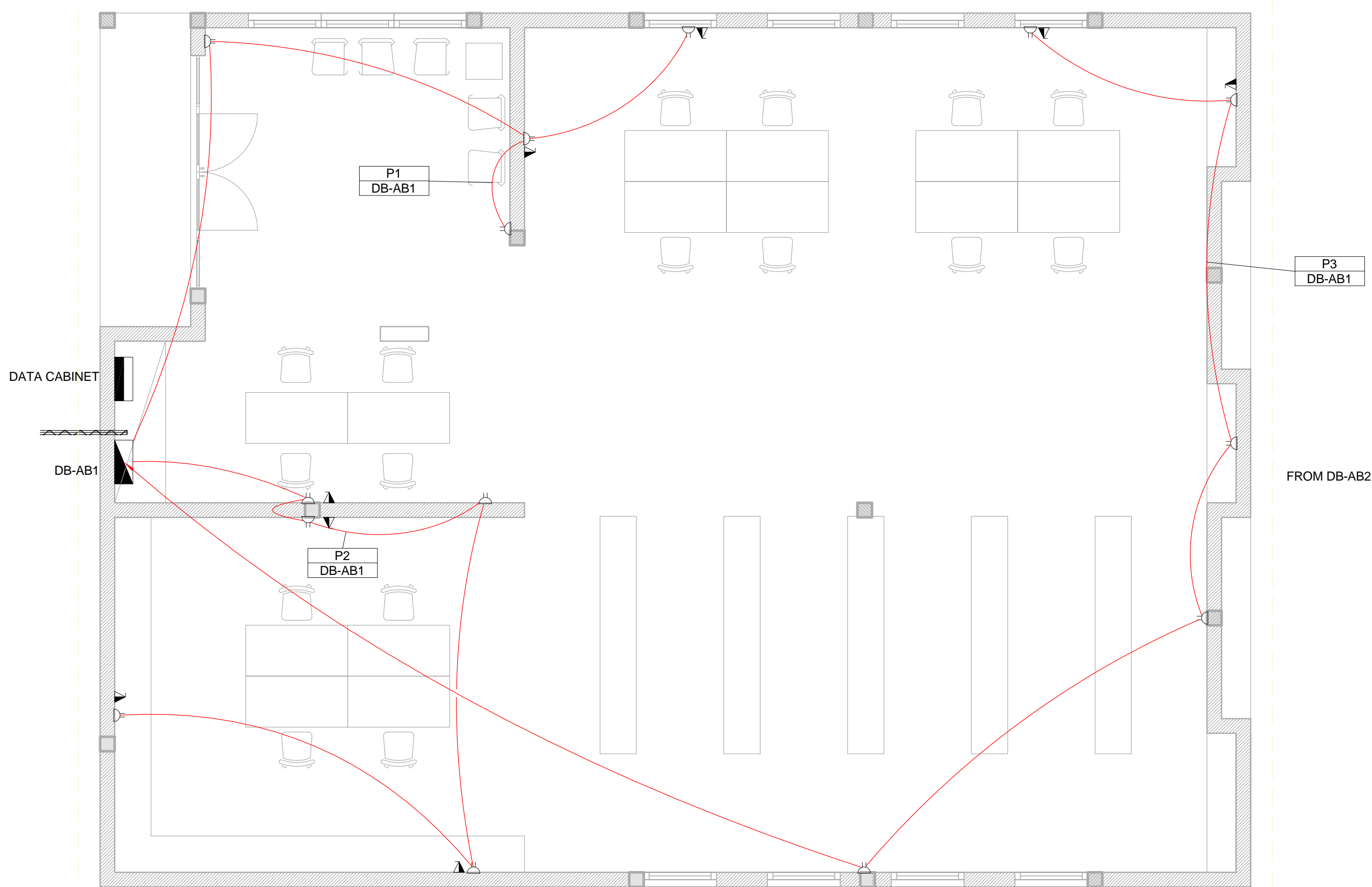
Earthing Layout - Admin Block 1

1 : 50

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 243 FOR OVERVIEW



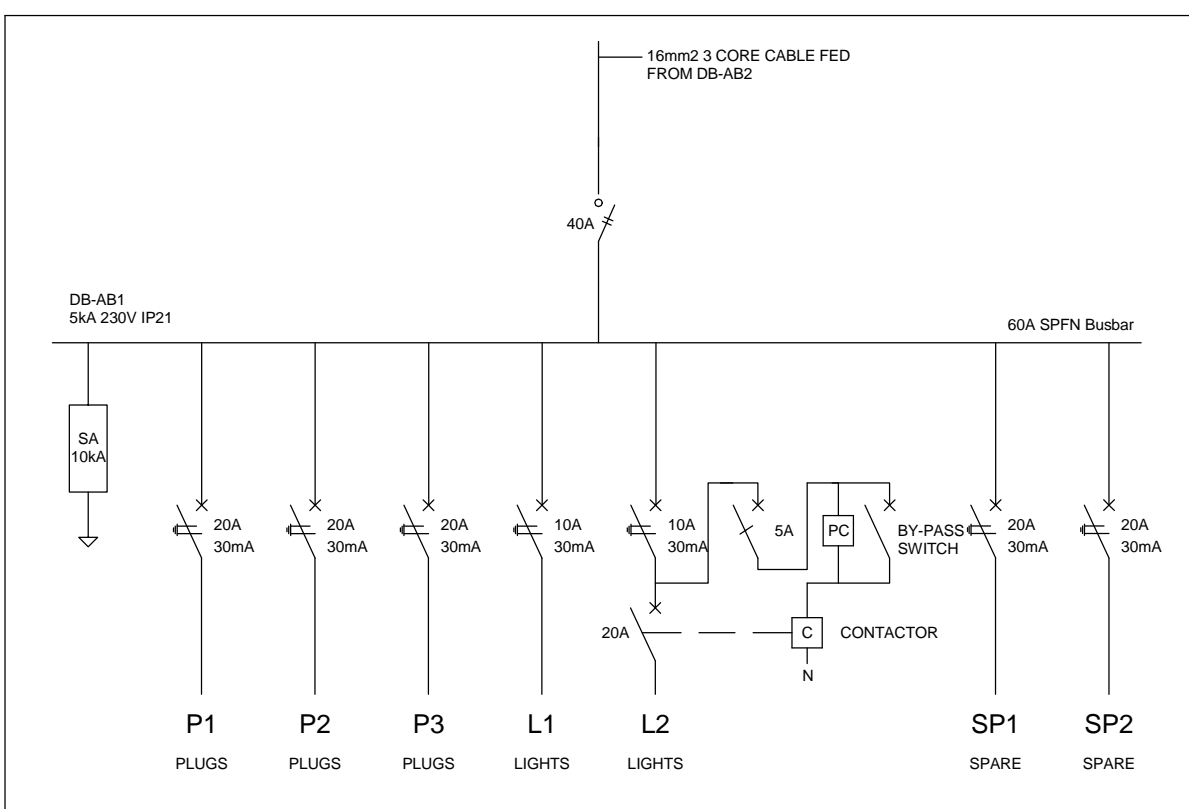
1 Lighting Layout - Admin Block 1
1 : 50



2 Power Layout - Admin Block 1
1 : 50

- SMALL POWER LEGEND**
- △ SINGLE SOCKET OUTLET
 - △ DOUBLE SOCKET OUTLET
 - △ VOIP DATA POINT
 - ▲ TV
 - TV POINT
 - POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.
 - LIGHT SWITCH
 - 2-WAY LIGHT SWITCH
 - DISTRIBUTION BOARD
 - DOUBLE POLE ISOLATOR
 - 6U IT CABINET FOR VOIP
 - 50mm SLEEVE
 - 25mm CONDUIT

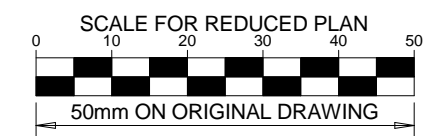
- LIGHTING LEGEND**
- 2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED, (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS *POLE* AND LS122 *LIGHT* FROM RADIANT)
 - 2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
 - 1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
 - 1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
 - 1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
 - 2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
 - 2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
 - 1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
 - EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
 - ONE LEVER LIGHT SWITCH
 - TWO LEVER LIGHT SWITCH
 - THREE LEVER LIGHT SWITCH
 - 2-WAY LIGHT SWITCH
 - DISTRIBUTION BOARD LOCATION
 - DOUBLE POLE ISOLATOR
 - PHOTOCELL



3 Schematic - Admin Block 1
1 : 20

- SCHEMATICS LEGEND**
- SINGLE PHASE SWITCH
 - SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
 - SINGLE PHASE SWITCH DISCONNECTOR
 - SINGLE PHASE CIRCUIT BREAKER
 - SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
 - THREE PHASE SWITCH
 - THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
 - THREE PHASE SWITCH DISCONNECTOR
 - THREE PHASE CIRCUIT BREAKER
 - THREE PHASE CIRCUIT BREAKER FOR ISOLATION
 - RCBO PROTECTION

- CONDUCTOR LEGEND**
- 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
 - 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
 - 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
 - ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
 - ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS



NOTES

- ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009	Site Electrical Retiulation - LV (Overview)
C00290-00-EL-DAL-0031	Admin Block 2 Small Power and Lighting
EA-MZ-CI0100-WOR-E02-00435-01	Typical Drawings Sheet 2

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PR ENG: W Snyman		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



PROJECT

AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

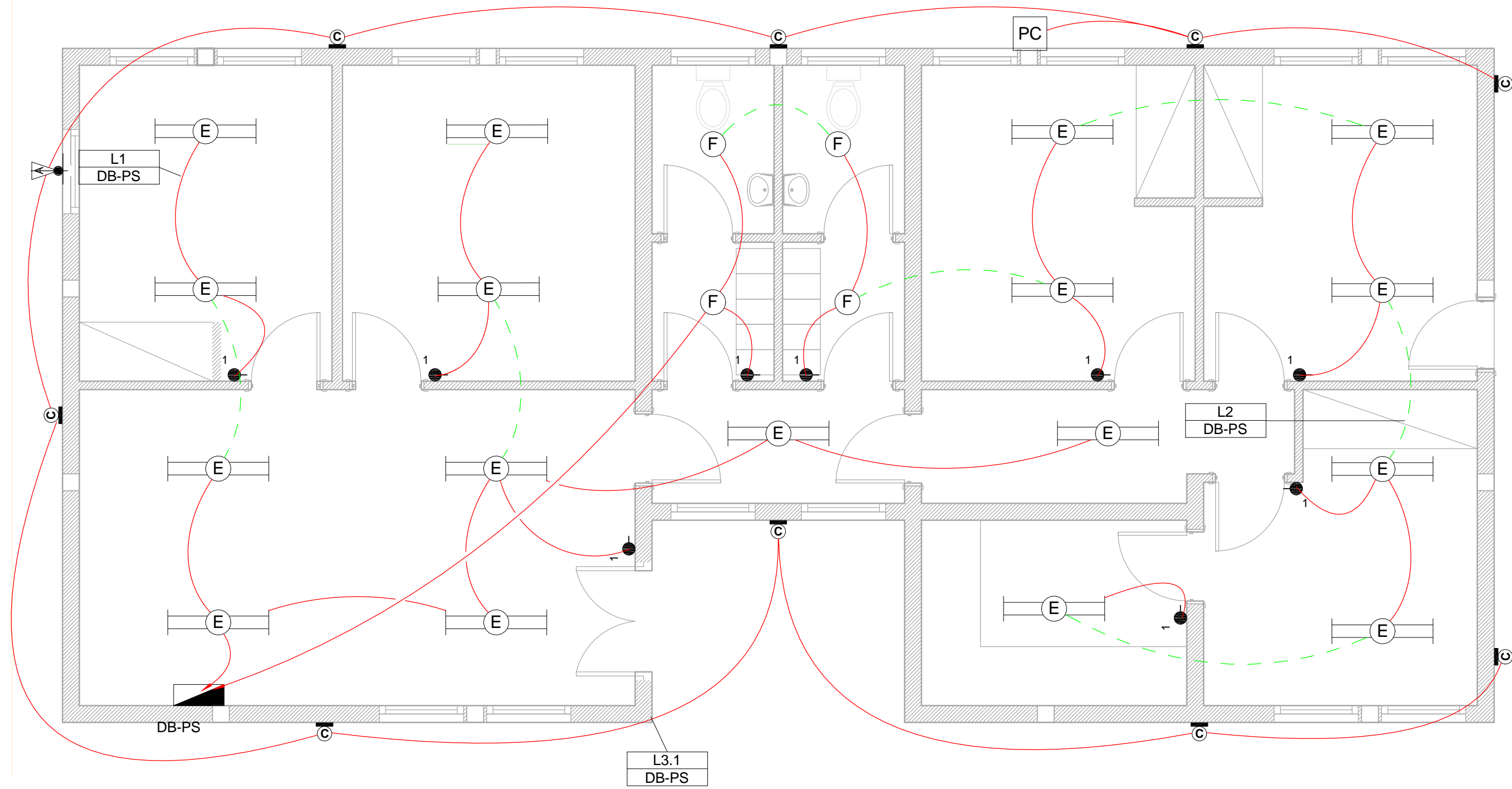
Resettlement Village Admin Block 1 Small Power and Lighting

SCALE	DATE
As indicated ORIGINAL DWG SIZE A1	DECEMBER 2015

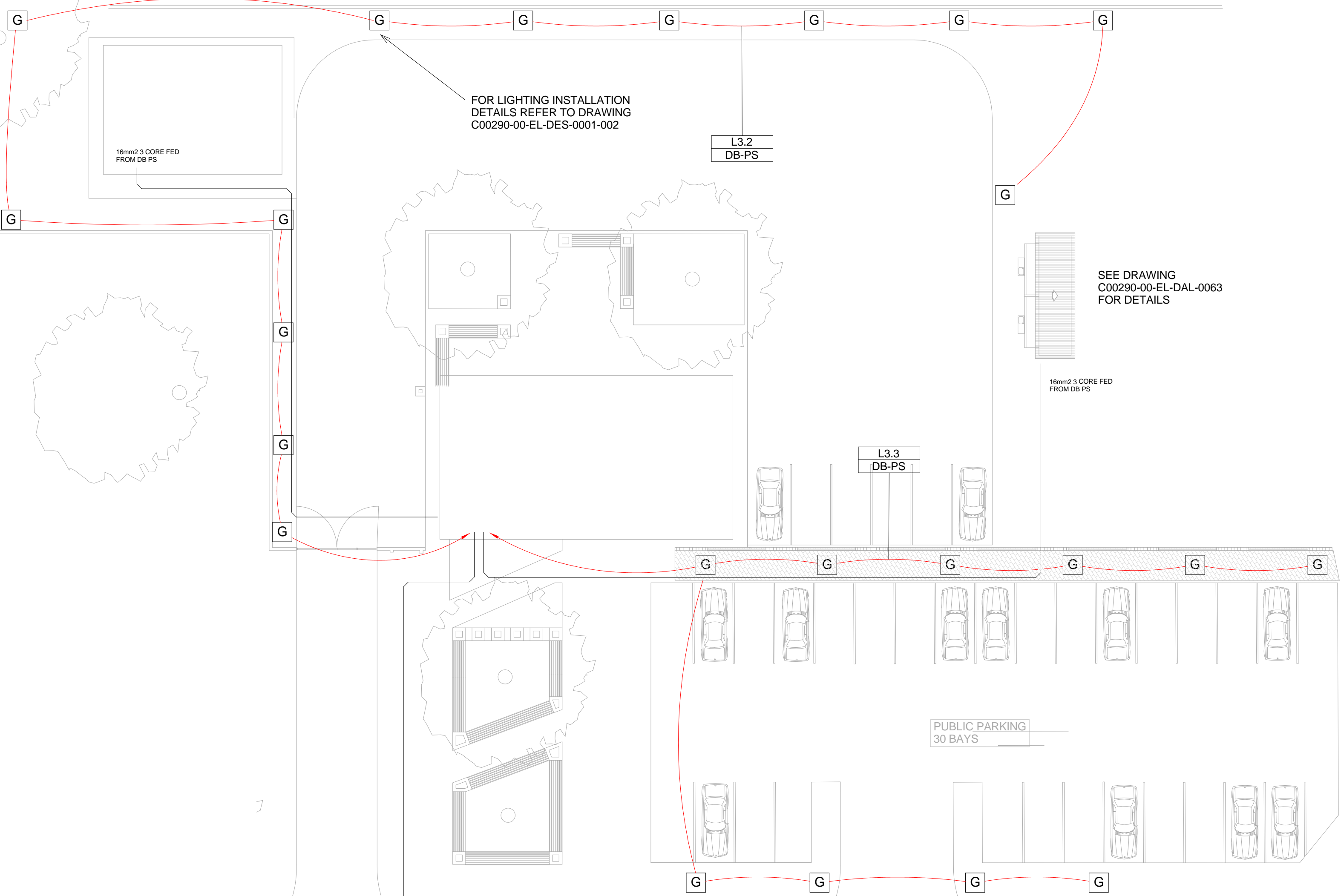
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ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E02-00430-01

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 243 FOR OVERVIEW



1 Lighting Layout - Police Station
1 : 50



3 Site Lighting Layout - Police Station
1 : 200

SMALL POWER LEGEND

- SINGLE SOCKET OUTLET
- DOUBLE SOCKET OUTLET
- VOIP DATA POINT
- TV POINT
- POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.
- LIGHT SWITCH
- 2-WAY LIGHT SWITCH
- DISTRIBUTION BOARD
- DOUBLE POLE ISOLATOR
- 6U IT CABINET FOR VOIP
- 50mm SLEEVE
- 25mm CONDUIT

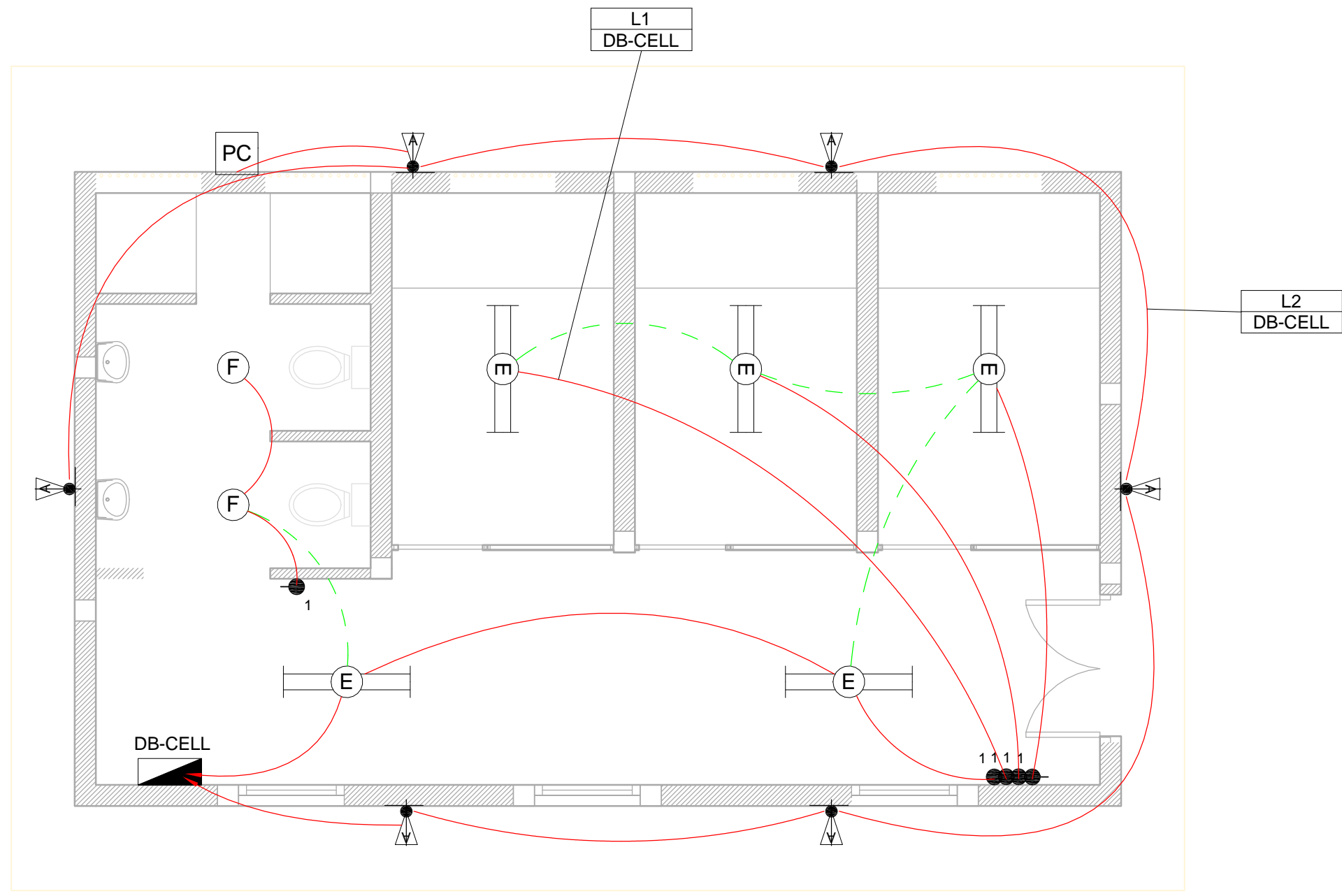
LIGHTING LEGEND

- 2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
- 2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
- 1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
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- 1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
- 2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
- 2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
- 1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
- EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
- ONE LEVER LIGHT SWITCH
- TWO LEVER LIGHT SWITCH
- THREE LEVER LIGHT SWITCH
- 2-WAY LIGHT SWITCH
- DISTRIBUTION BOARD LOCATION
- DOUBLE POLE ISOLATOR
- PHOTOCELL

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009, STAND NUMBER 244 FOR OVERVIEW

CONDUCTOR LEGEND

- 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
- 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
- 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
- ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
- ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS



2 Lighting Layout - Police Station Cells
1 : 50

SCALE FOR REDUCED PLAN
0 10 20 30 40 50
50mm ON ORIGINAL DRAWING

NOTES

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0036	Police Station Small Power
C00290-00-EL-DAL-0063	Public Toilets Lighting Layout
EA-MZ-CI0100-WOR-E02-00108-01	Typical Drawings Sheet 2
C00290-00-EL-DES-0001-002	
EA-MZ-CI0000-WOR-E02-00027-02	

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PROJECT ENG MANAGER: L Padayachee	<i>L Padayachee</i>	02/10/15
LOCAL PR ENG:		
CLIENT:		

MOZAMBIQUE GAS DEVELOPMENT PROJECT

Anadarko
Mozambique Area 1, Lda

PROJECT
AMA1 RESETTLEMENT VILLAGE

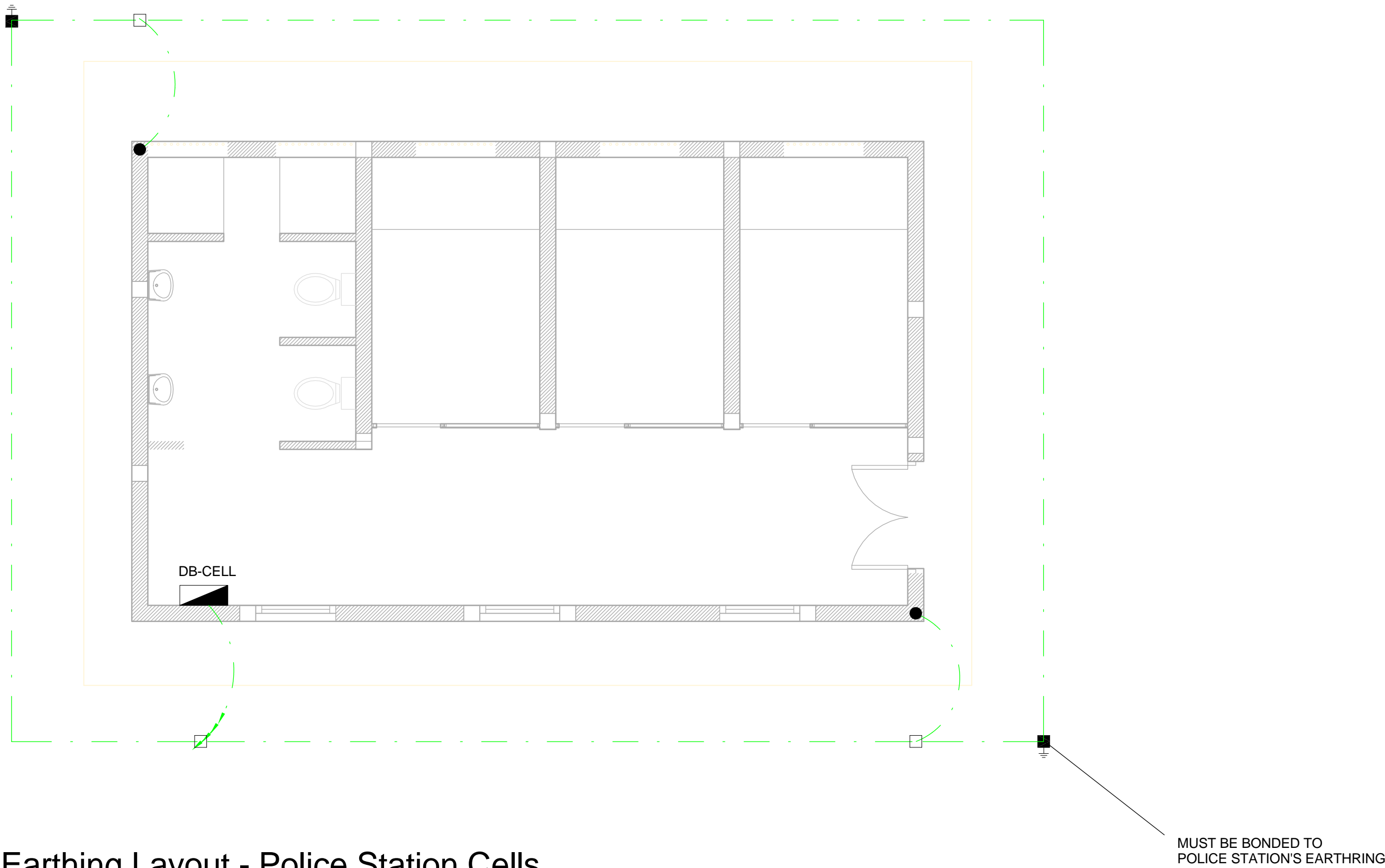
DRAWING DESCRIPTION
Resettlement Village Police Station Lighting

SCALE	DATE
As indicated ORIGINAL DWG SIZE A1	DECEMBER 2015

DRAWING NUMBER	REV NO
C00290-00-EL-DAL-0037	0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E02-00340-01

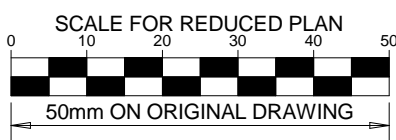
1 Earthing Layout - Police Station Cells
1 : 50



NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 244 FOR OVERVIEW

EARTHING LEGEND	
	CADWELDED CONNECTION
	3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
	DOWN CONDUCTOR
	70MM2 BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS



NOTES

1. EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
2. LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
3. LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
4. A MINIMUM OF TWO 70mm2 BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1

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CLIENT:		

CLIENT



PROJECT

AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

Resettlement Village Police Station Cells Earthing and Lightning Protection

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0057	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00332-01	

MUST BE BONDED TO
CELL'S EARTHRING

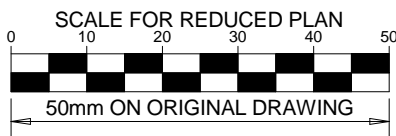
1 Earthing Layout - Police Station
1 : 50

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 244 FOR OVERVIEW

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHRING
TYPICAL DRAWINGS

EARTHRING LEGEND

- CADWELDED CONNECTION
- 3M EARTH ELECTRODE WITH CADWELDED
CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
- DOWN CONDUCTOR
- 70MM2 BARE COPPER EARTH WIRE



NOTES

- EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
- LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
- LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
- A MINIMUM OF TWO 70mm2 BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHRING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1

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REVISIONS

NO.	DATE	CHECKED BY	DONE BY	DESCRIPTION
A	28/09/15	TM	SB	Issued for Peer Review
B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
D	09/10/15	TM	CB	Issued for Client Review
E	06/11/15	TM	SB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction

**WorleyParsons**
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CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



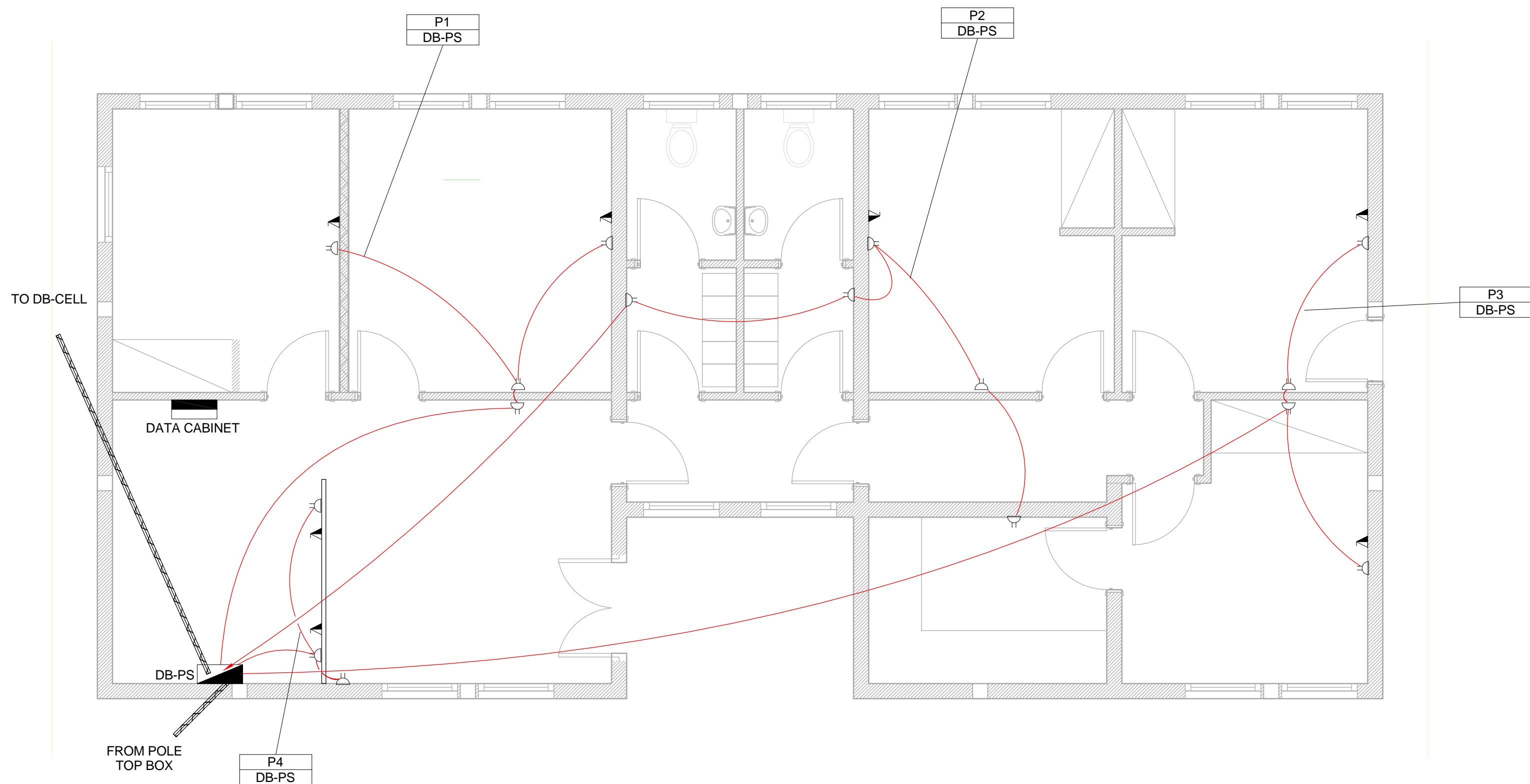
PROJECT

AMA1 RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION

Resettlement Village Police
Station Earthing and
Lightning Protection

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0056	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00331-01	

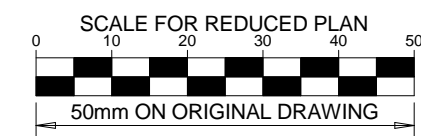


SMALL POWER LEGEND

- △ SINGLE SOCKET OUTLET
- △ DOUBLE SOCKET OUTLET
- △ VOIP DATA POINT
- ▲ TV
- Ⓟ POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.
- LIGHT SWITCH
- 2W 2-WAY LIGHT SWITCH
- ▭ DISTRIBUTION BOARD
- ⊘ DOUBLE POLE ISOLATOR
- ▬ 6U IT CABINET FOR VOIP
- ▨ 50mm SLEEVE
- ▨ 25mm CONDUIT

LIGHTING LEGEND

- ⊙ 2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED, (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
- Ⓟ 2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
- Ⓢ 1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
- Ⓢ 1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
- Ⓢ 1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
- Ⓢ 2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
- Ⓢ 2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
- Ⓢ 1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
- Ⓢ EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
- ONE LEVER LIGHT SWITCH
- TWO LEVER LIGHT SWITCH
- THREE LEVER LIGHT SWITCH
- 2W 2-WAY LIGHT SWITCH
- ▭ DISTRIBUTION BOARD LOCATION
- ⊘ DOUBLE POLE ISOLATOR
- Ⓢ PHOTOCELL



NOTES

1. ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-0007-01	Site Electrical Retiulation – LV (Overview)
C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Typical Drawings Sheet 2

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REVISIONS

NO.	DATE	CHECKED	DONE BY	DESCRIPTION
A	03/08/15	TM	SB	Issued for Peer Review
B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
D	09/10/15	TM	CB	Issued for Client Review
E	26/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction



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NAME	SIGNATURE	DATE
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CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



PROJECT

AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

Resettlement Village Police Station Small Power

SCALE	DATE
As indicated ORIGINAL DWG SIZE A1	DECEMBER 2015

DRAWING NUMBER	REV NO
C00290-00-EL-DAL-0036	0

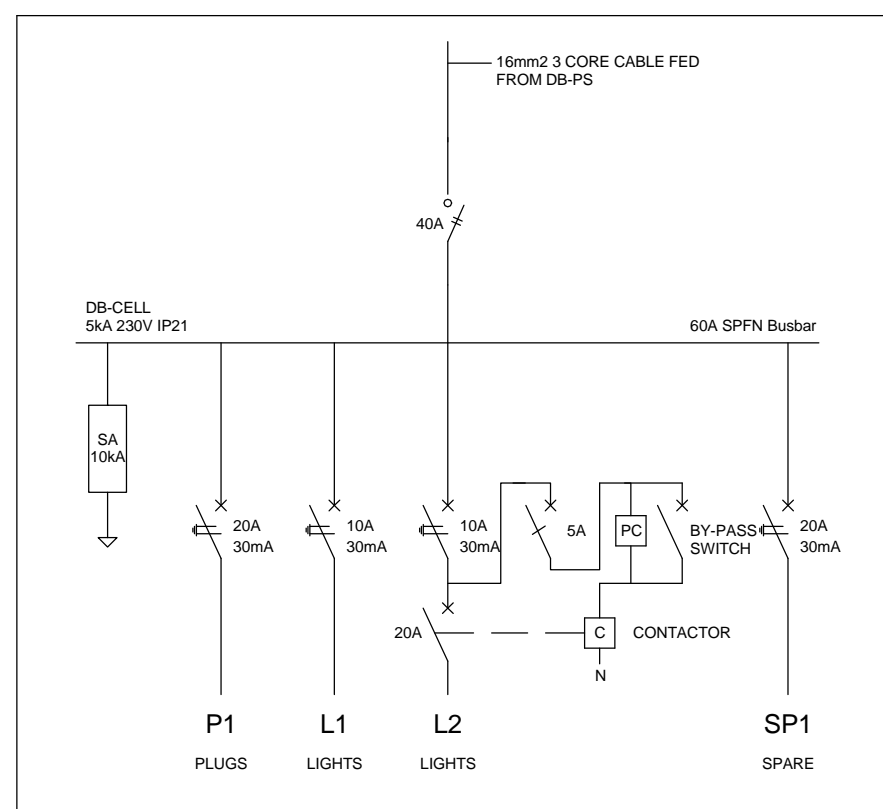
ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E02-00330-01

CONDUCTOR LEGEND

1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

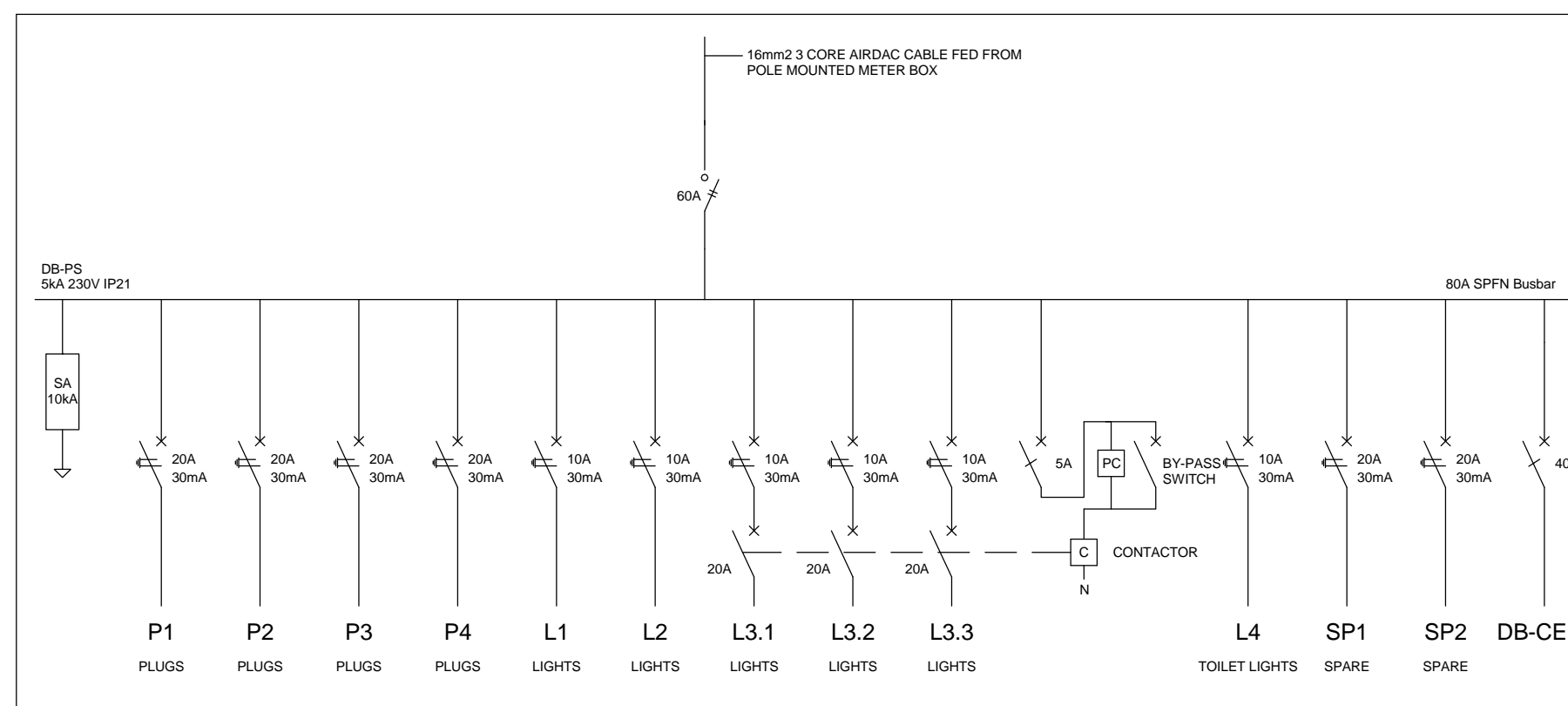
SCHEMATICS LEGEND

- SINGLE PHASE SWITCH
- SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
- SINGLE PHASE SWITCH DISCONNECTOR
- SINGLE PHASE CIRCUIT BREAKER
- SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
- THREE PHASE SWITCH
- THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
- THREE PHASE SWITCH DISCONNECTOR
- THREE PHASE CIRCUIT BREAKER
- THREE PHASE CIRCUIT BREAKER FOR ISOLATION
- RCBO PROTECTION



Schematic - Police Station Cells

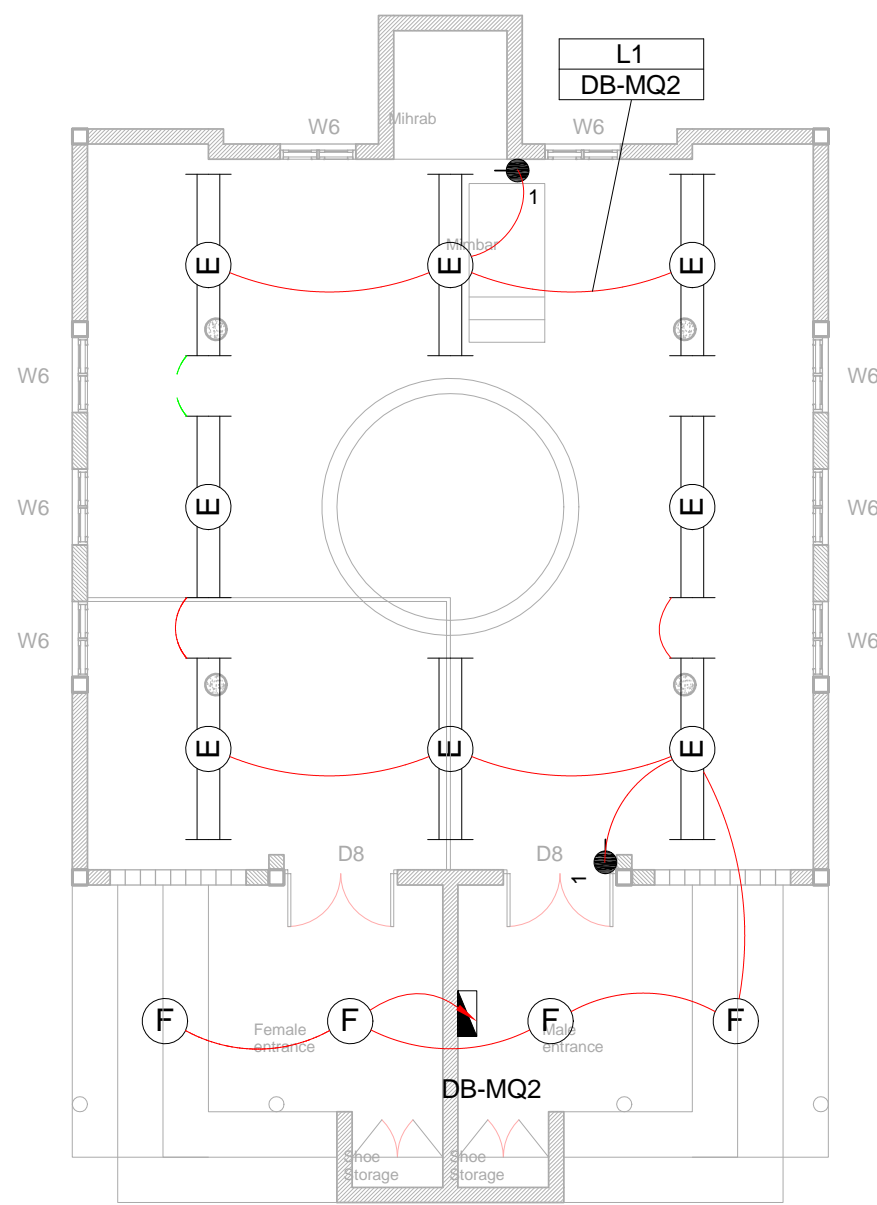
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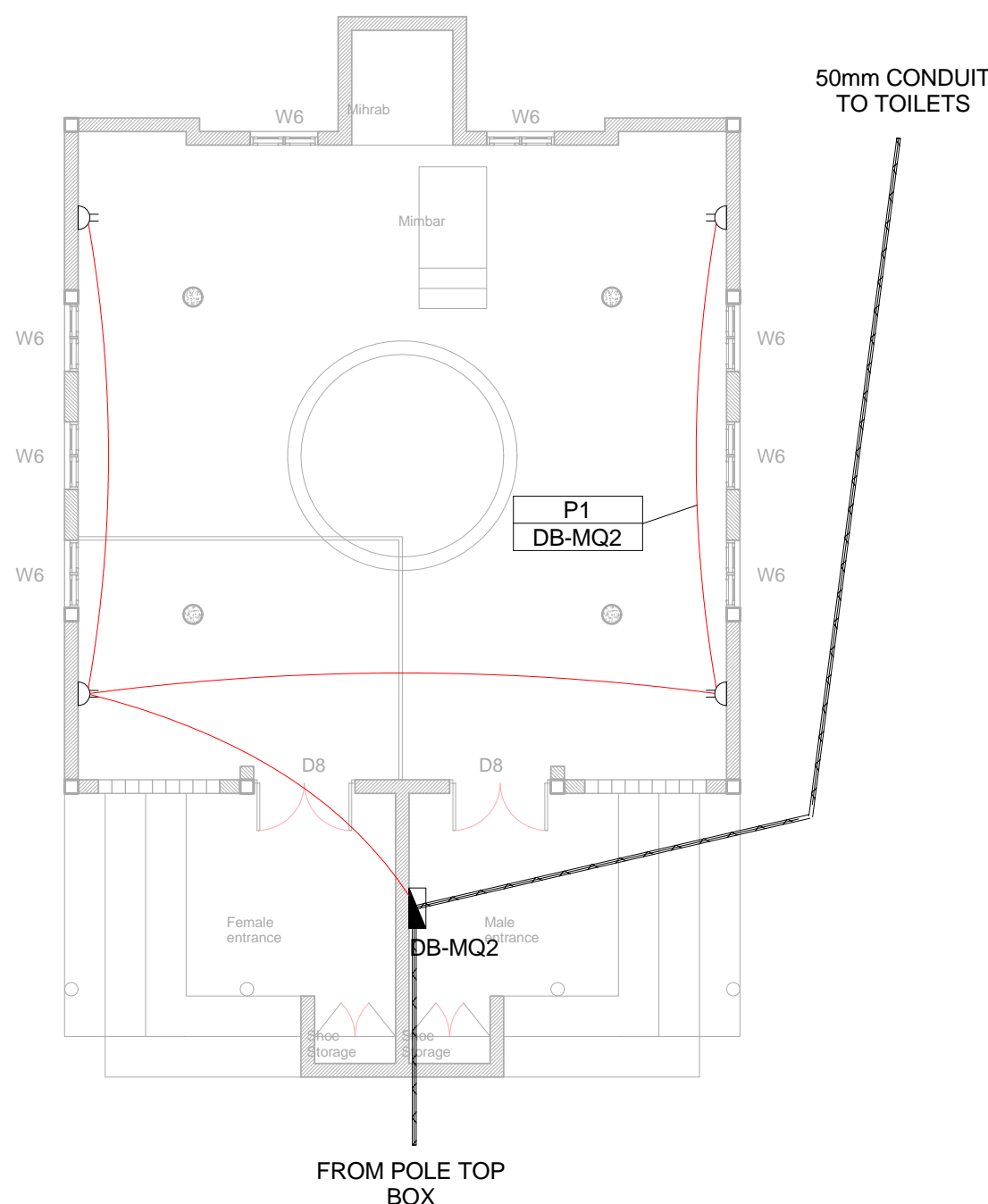
Schematic - Police Station

1 : 20

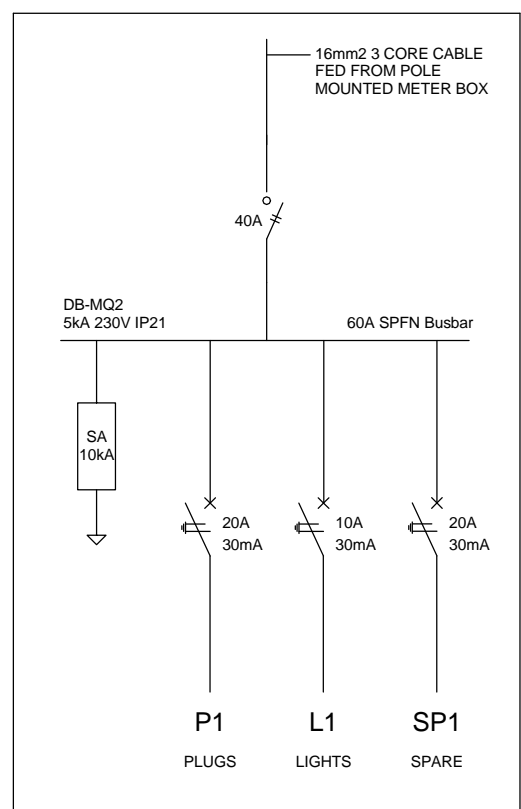
NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 244 FOR OVERVIEW



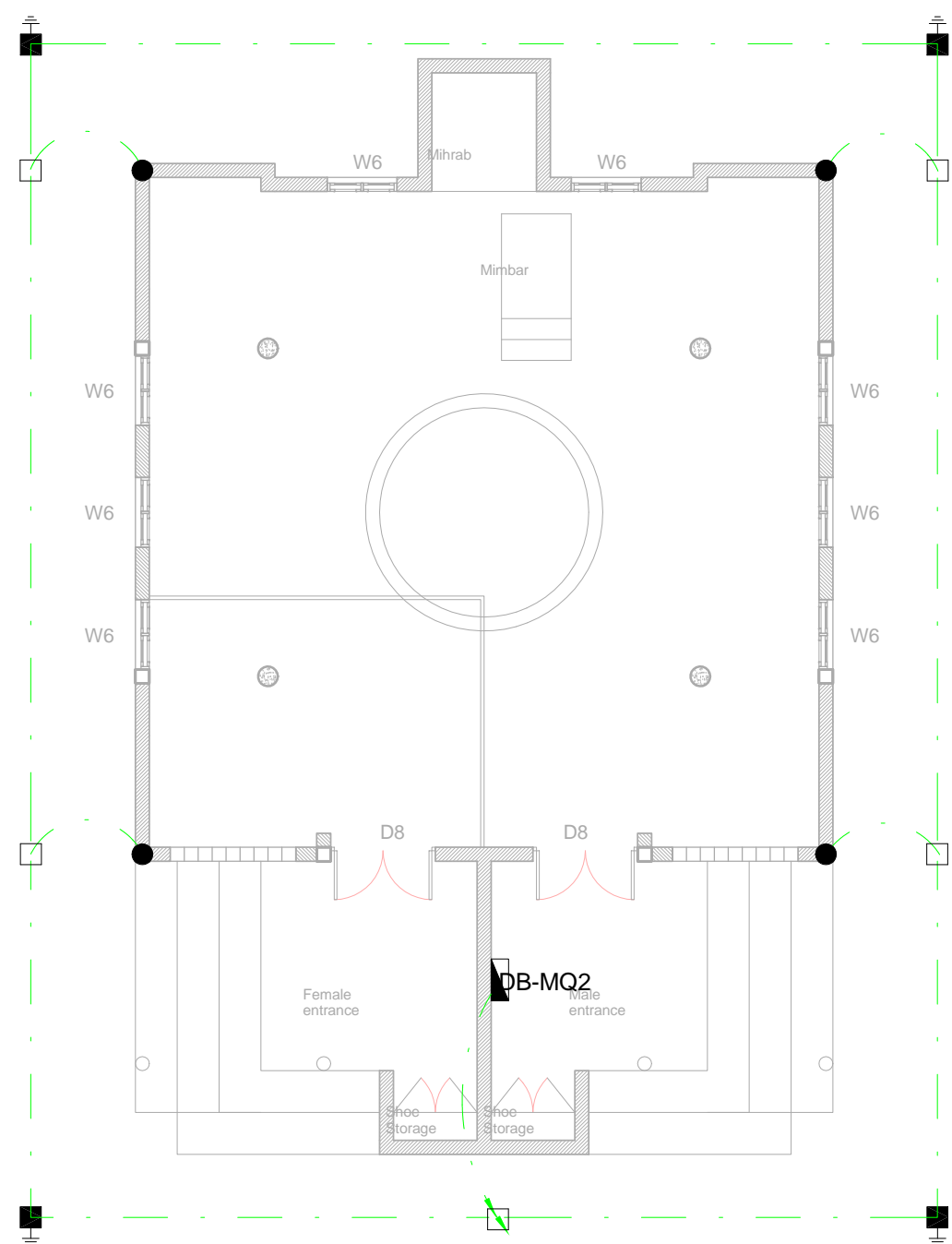
1 Lighting Layout - Small Mosque
1 : 100



2 Power Layout - Small Mosque
1 : 100



3 Schematic - Small Mosque
1 : 20



4 Earthing Layout - Small Mosque
1 : 100

SMALL POWER LEGEND	
	SINGLE SOCKET OUTLET
	DOUBLE SOCKET OUTLET
	VOIP DATA POINT
	TV POINT
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.
	LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD
	DOUBLE POLE ISOLATOR
	6U IT CABINET FOR VOIP
	50mm SLEEVE
	25mm CONDUIT

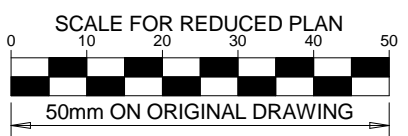
LIGHTING LEGEND	
	2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I/T-136-ELB)
	1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	ONE LEVER LIGHT SWITCH
	TWO LEVER LIGHT SWITCH
	THREE LEVER LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD LOCATION
	DOUBLE POLE ISOLATOR
	PHOTOCELL

CONDUCTOR LEGEND	
1.	2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
2.	4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
3.	6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
4.	ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
5.	ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION

EARTHING LEGEND	
	CADWELDED CONNECTION
	3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
	DOWN CONDUCTOR
	70MM² BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS



NOTES	
1. ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL.	
2. EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm	
3. LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS	
4. LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY	
5. A MINIMUM OF TWO 70mm² BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS	
DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-00007-01	Site Electrical Reticulation – LV (Overview)
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1
C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Typical Drawings Sheet 2

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REVISIONS				
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B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
D	09/10/15	TM	CB	Issued for Client Review
E	17/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction

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NAME	SIGNATURE	DATE
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CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT

MOZAMBIQUE
GAS DEVELOPMENT PROJECT

Anadarko
Mozambique Area 1, Lda

PROJECT

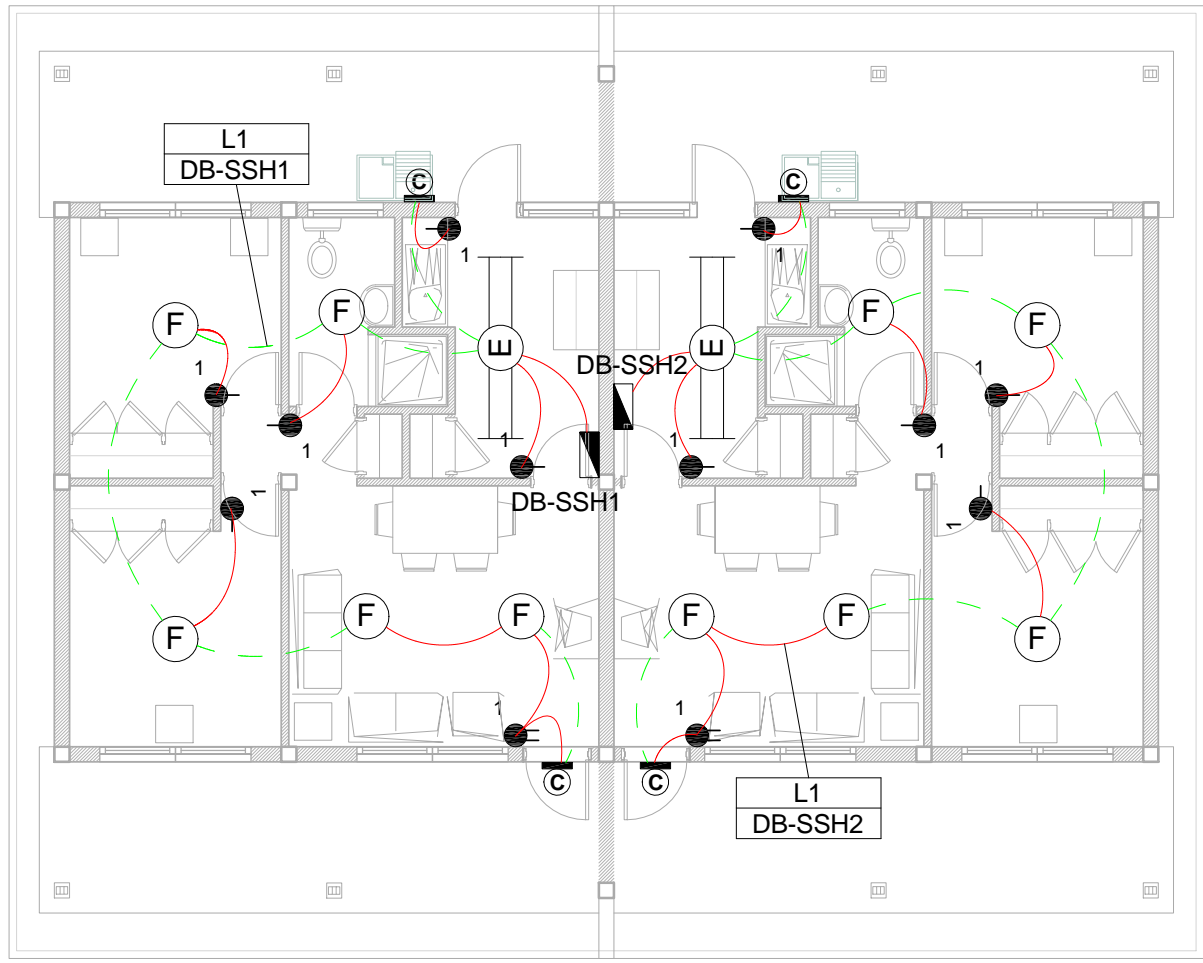
AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

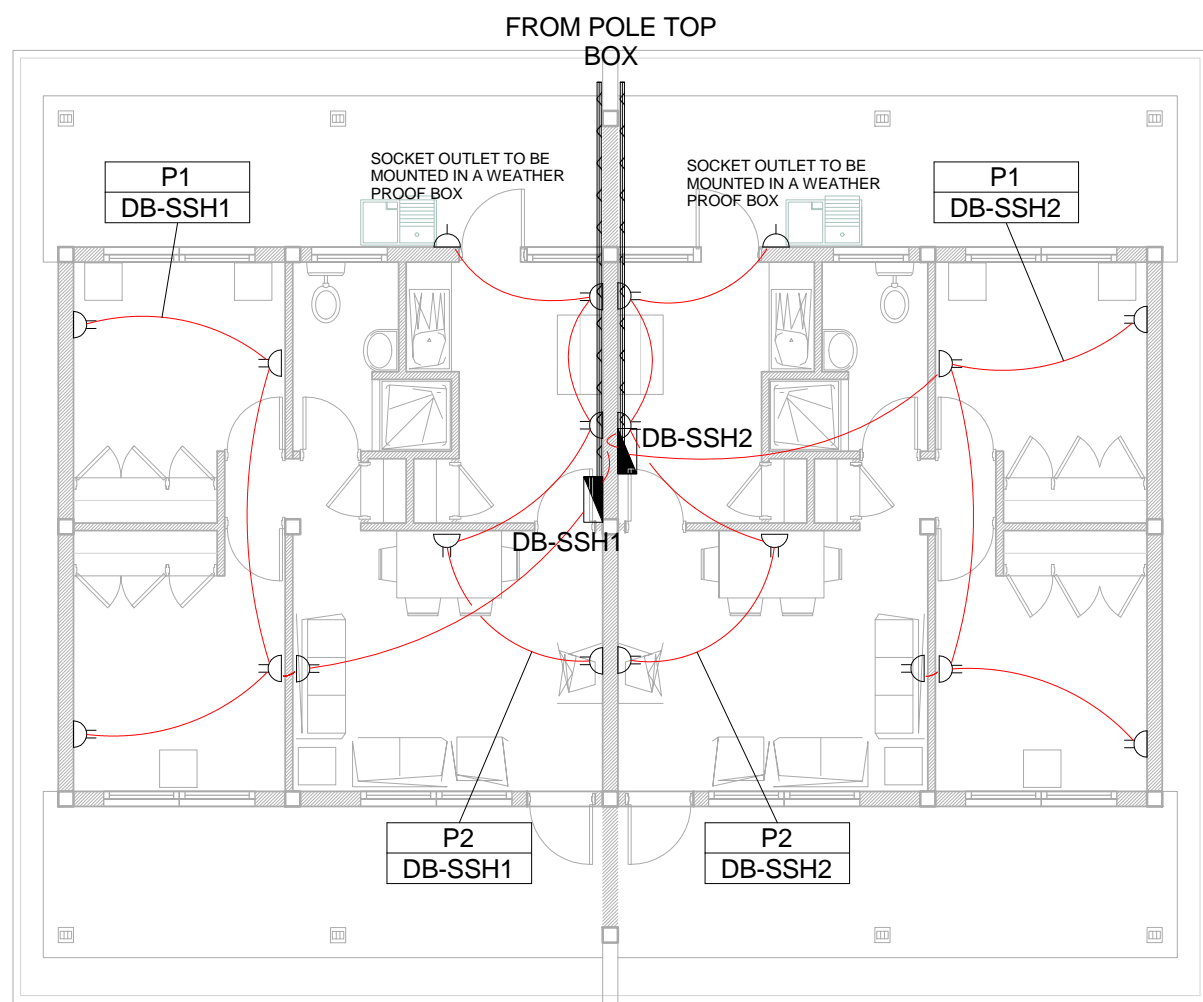
Resettlement Village Small Mosque Small Power and Lighting

SCALE	As indicated ORIGINAL DWG SIZE A1	DATE	DECEMBER 2015
DRAWING NUMBER	C00290-00-EL-DAL-0051	REV NO	0
ANADARKO DRAWING NUMBER	EA-MZ-CI0100-WOR-E02-00107-01		

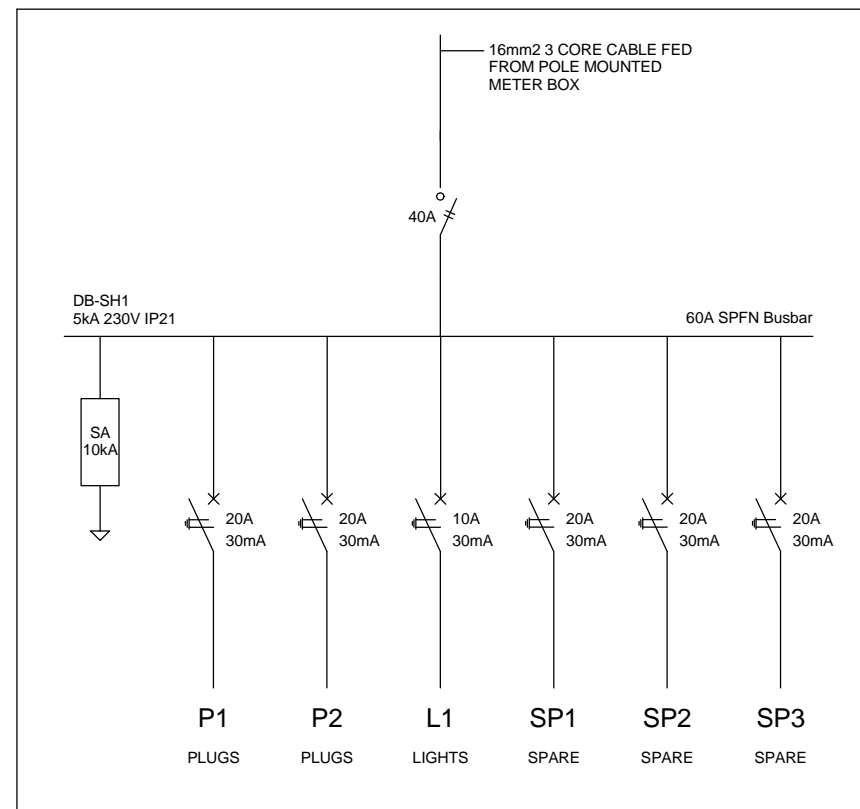
NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 174 & 444 FOR OVERVIEW



1 Lighting Layout - School Staff Housing
1 : 100



2 Power Layout - School Staff Housing
1 : 100



3 Schematic - School Staff Housing
1 : 20

SMALL POWER LEGEND		LIGHTING LEGEND	
	SINGLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	DOUBLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	VOIP DATA POINT		1x26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	TV POINT		1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I/T-136-ELB)
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.		1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	LIGHT SWITCH		2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/I/T-236-ELB)
	2-WAY LIGHT SWITCH		2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	DISTRIBUTION BOARD		1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	DOUBLE POLE ISOLATOR		EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	6U IT CABINET FOR VOIP		ONE LEVER LIGHT SWITCH
	50mm SLEEVE		TWO LEVER LIGHT SWITCH
	25mm CONDUIT		THREE LEVER LIGHT SWITCH
			2-WAY LIGHT SWITCH
			DISTRIBUTION BOARD LOCATION
			DOUBLE POLE ISOLATOR
			PHOTOCELL

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION

CONDUCTOR LEGEND	
1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS	
2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS	
3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS	
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR	
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS	

SCALE FOR REDUCED PLAN
0 10 20 30 40 50
50mm ON ORIGINAL DRAWING

NOTES
1. ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL.

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-00007-01 C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Site Electrical Retiulation – LV (Overview) Typical Drawings Sheet 2

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REVISIONS				
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0	04/12/15	TM	SB	Issued for Construction

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NAME	SIGNATURE	DATE
DRAWN BY: S Bedasie		28/09/15
CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

MOZAMBIQUE GAS DEVELOPMENT PROJECT

Anadarko
Mogambique Area 1, Lda

PROJECT
AMA1 RESETTLEMENT VILLAGE

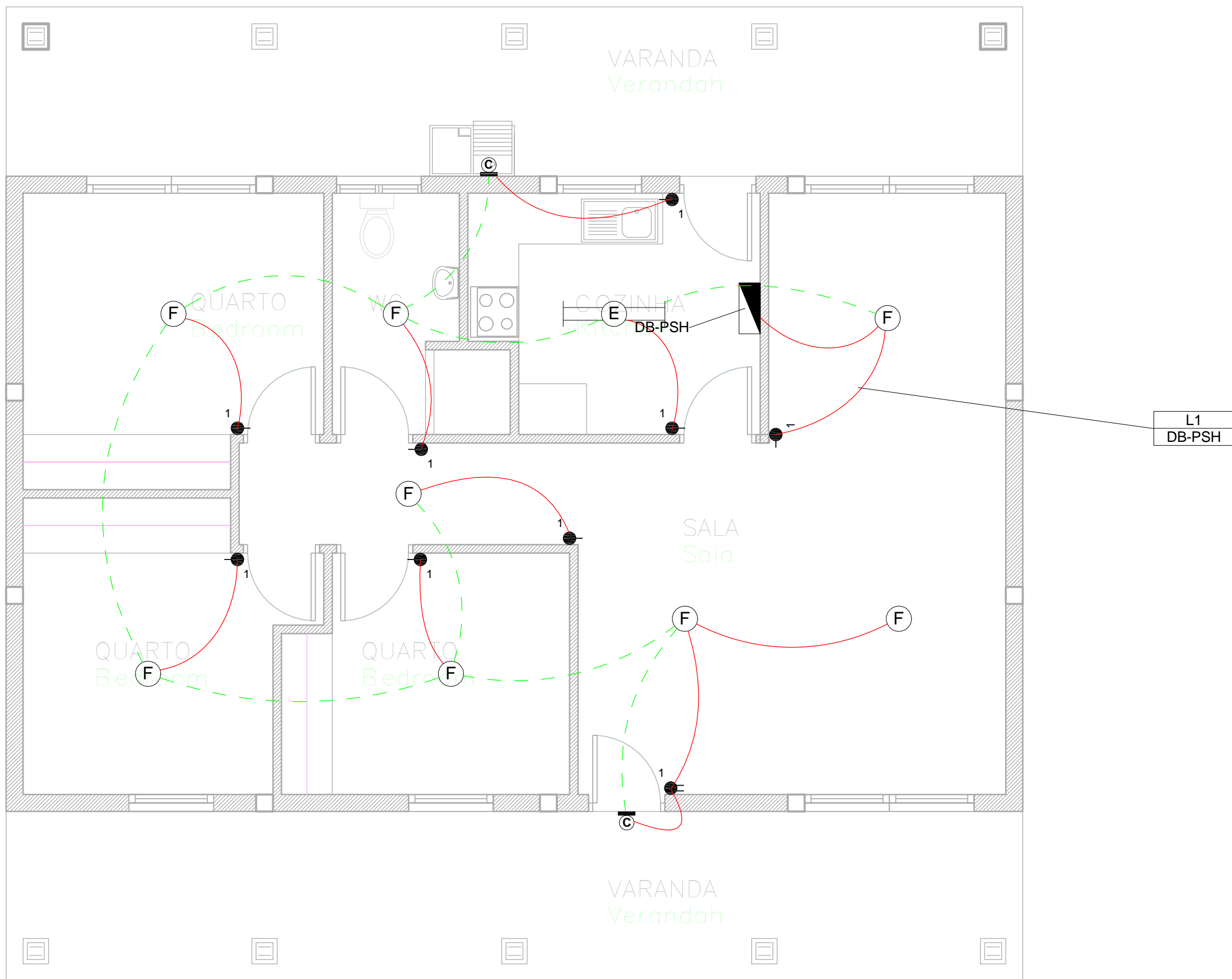
DRAWING DESCRIPTION
Resettlement Village School
Staff Housing Small Power and Lighting

SCALE	DATE
As indicated ORIGINAL DWG SIZE A1	DECEMBER 2015

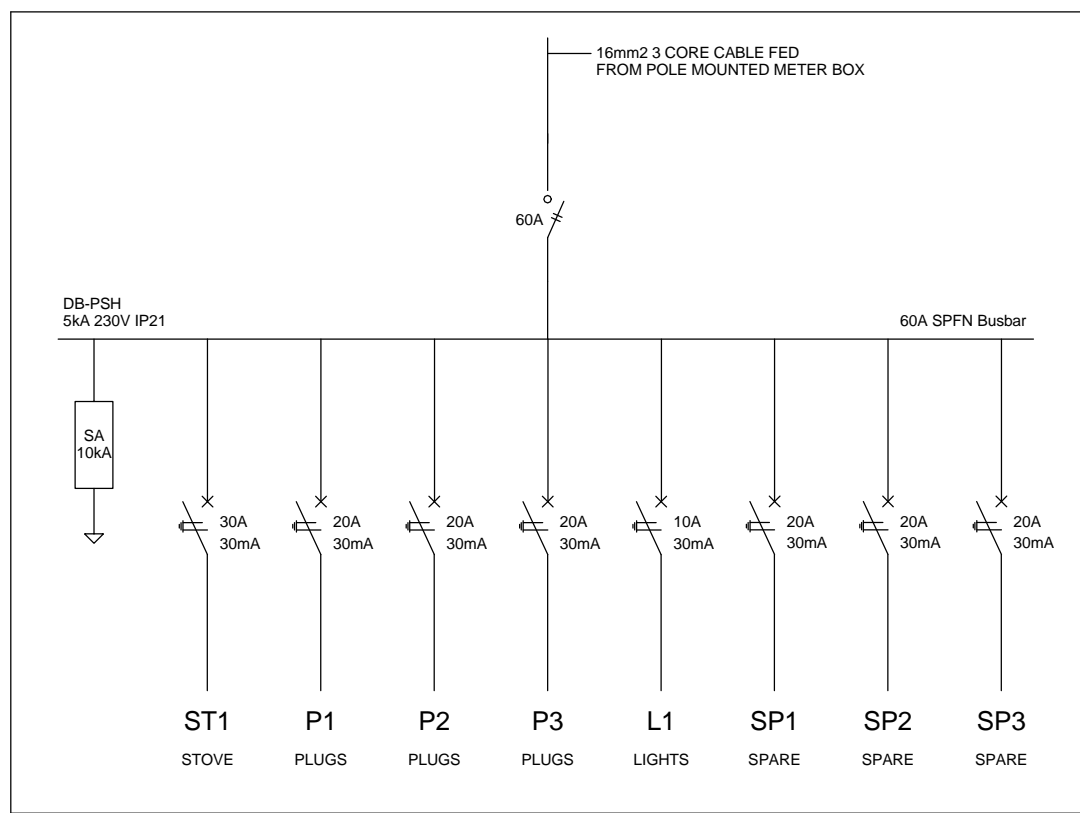
DRAWING NUMBER	REV NO
C00290-00-EL-DAL-0050	0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E02-00106-01

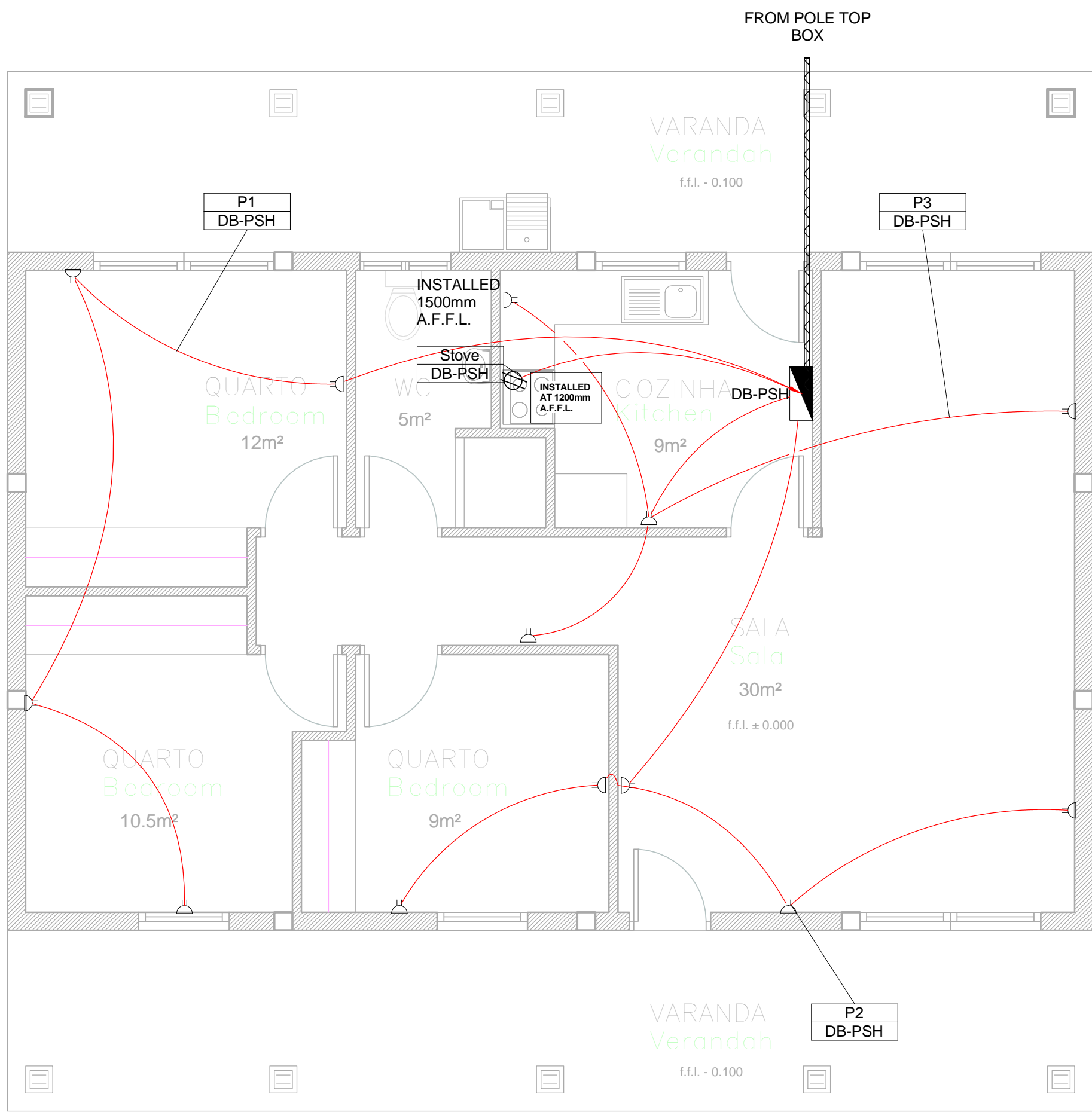
NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 249, 250, 251, 252, 253
& 254 FOR OVERVIEW



1 Lighting Layout - Police Staff Housing
1 : 50



3 Schematic - Police Staff Housing
1 : 20



2 Power Layout - Police Staff Housing
1 : 50

SMALL POWER LEGEND

- SINGLE SOCKET OUTLET
- DOUBLE SOCKET OUTLET
- VOIP DATA POINT
- TV POINT
- POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.
- LIGHT SWITCH
- 2-WAY LIGHT SWITCH
- DISTRIBUTION BOARD
- DOUBLE POLE ISOLATOR
- 6U IT CABINET FOR VOIP
- 50mm SLEEVE
- 25mm CONDUIT

LIGHTING LEGEND

- 2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
- 2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
- 1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
- 1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/T-136-ELB)
- 1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
- 2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/T-236-ELB)
- 2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
- 1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
- EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
- ONE LEVER LIGHT SWITCH
- TWO LEVER LIGHT SWITCH
- THREE LEVER LIGHT SWITCH
- 2-WAY LIGHT SWITCH
- DISTRIBUTION BOARD LOCATION
- DOUBLE POLE ISOLATOR
- PHOTOCELL

SCHEMATICS LEGEND

- SINGLE PHASE SWITCH
- SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
- SINGLE PHASE SWITCH DISCONNECTOR
- SINGLE PHASE CIRCUIT BREAKER
- SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
- THREE PHASE SWITCH
- THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
- THREE PHASE SWITCH DISCONNECTOR
- THREE PHASE CIRCUIT BREAKER
- THREE PHASE CIRCUIT BREAKER FOR ISOLATION
- RCBO PROTECTION

CONDUCTOR LEGEND

- 1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
- 2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
- 3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
- 4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
- 5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

SCALE FOR REDUCED PLAN
0 10 20 30 40 50
50mm ON ORIGINAL DRAWING

NOTES

1. ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL.

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-0007-01	Site Electrical Retiulation – LV (Overview)
C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-0007-02	Typical Drawings Sheet 2

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All dimensions must be verified on site before the works commence. Refer any discrepancies to the Engineer.
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REVISIONS				
NO.	DATE	CHECKED BY	DONE BY	DESCRIPTION
A	28/09/15	TM	SB	Issued for Peer Review
B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
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E	17/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction

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DRAWN BY: S Bedasie		28/09/15
CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

MOZAMBIQUE GAS DEVELOPMENT PROJECT

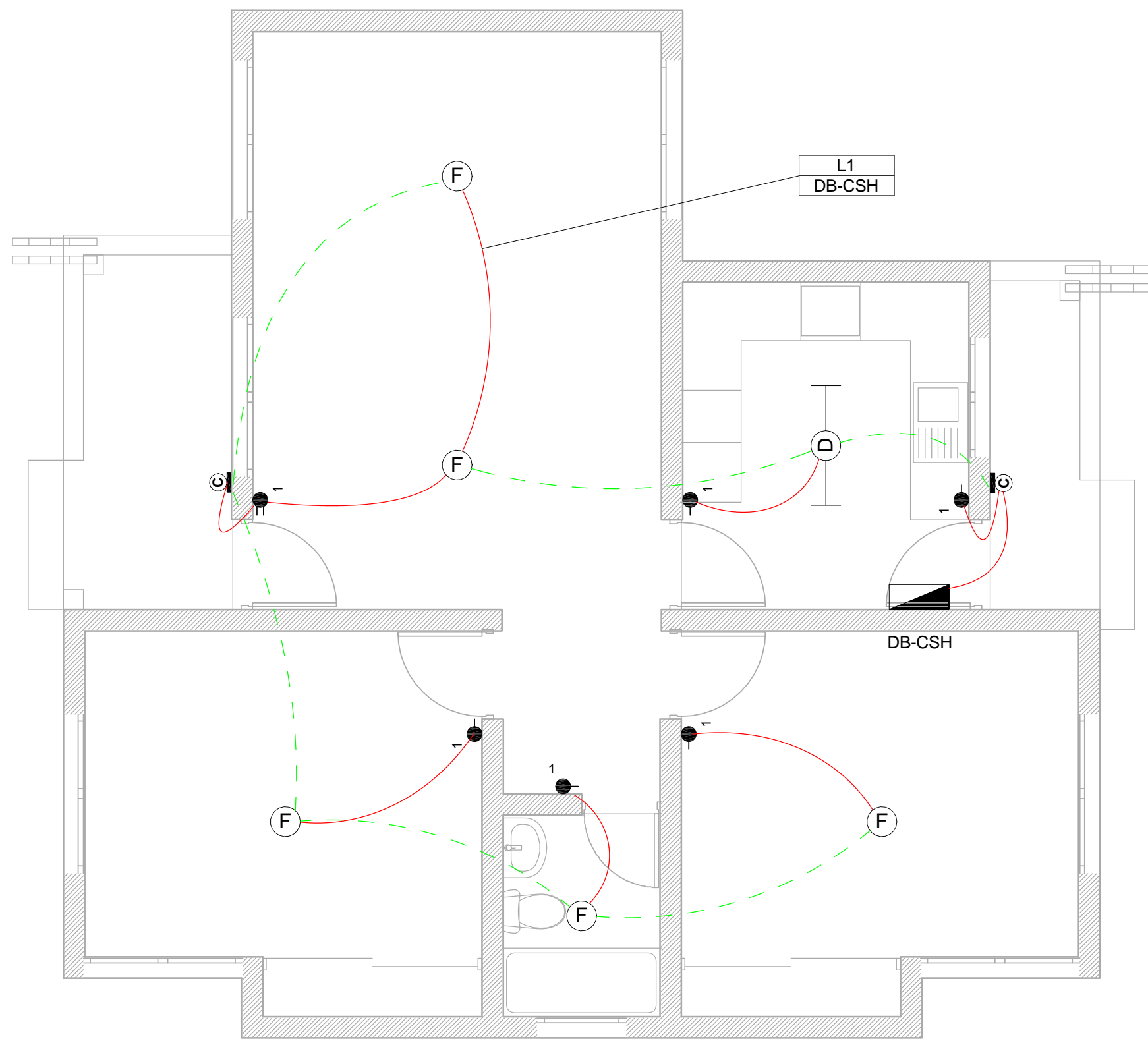
Anadarko
Mogambique Area 1, Lda

PROJECT
AMA1 RESETTLEMENT VILLAGE

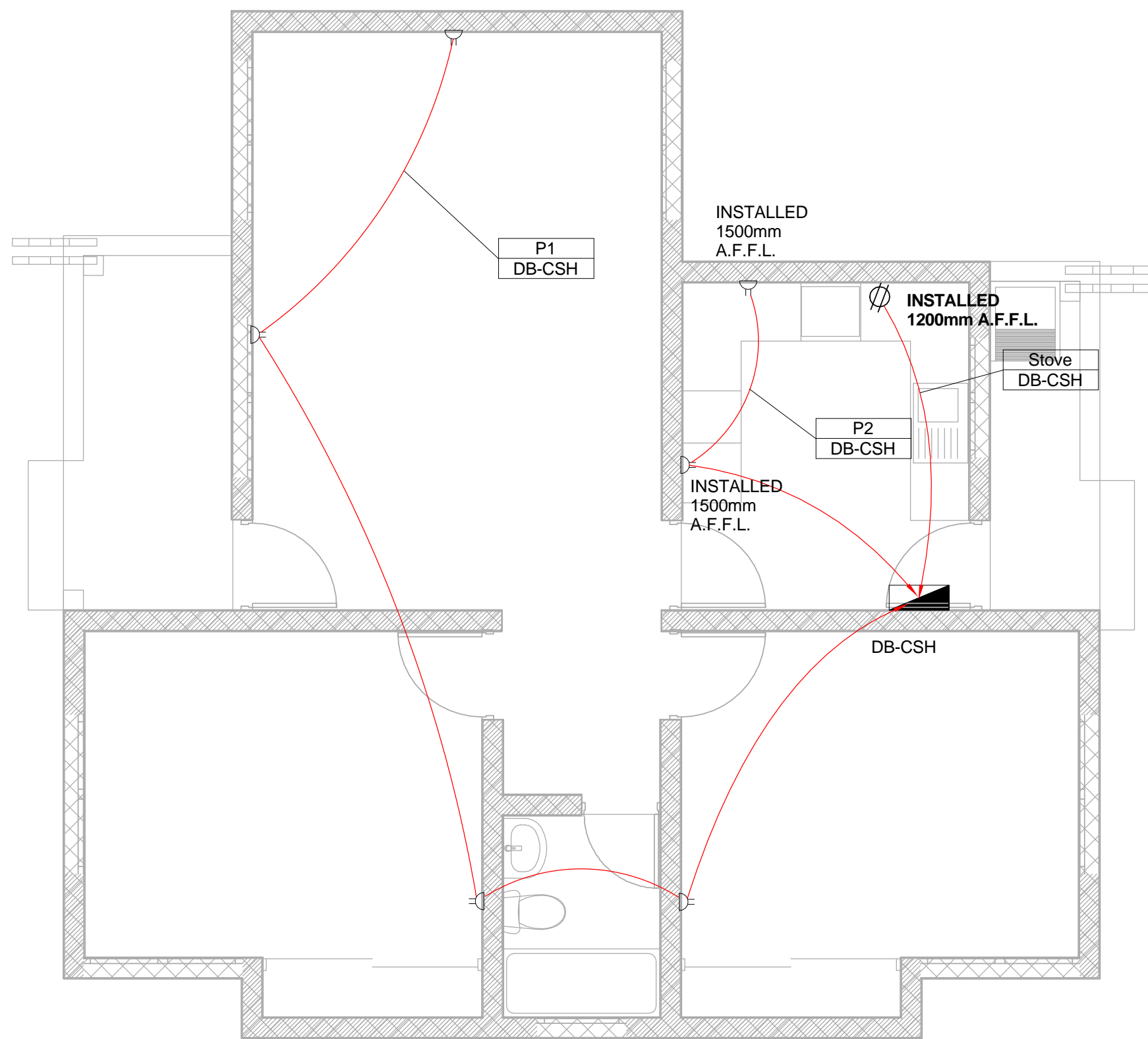
DRAWING DESCRIPTION
Resettlement Village Police Staff Housing Small Power and Lighting

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0049	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00105-01	

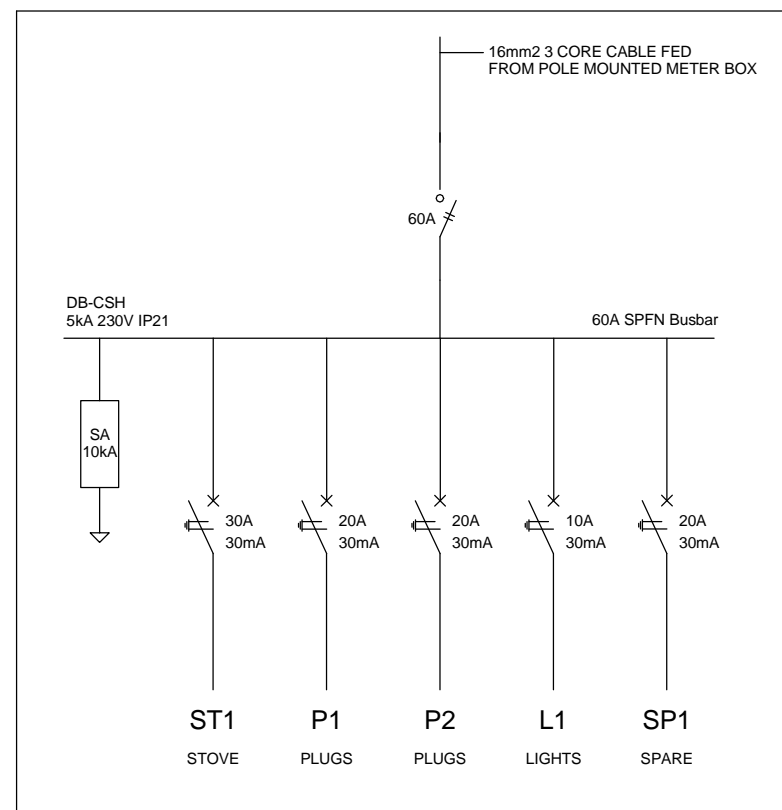
NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 264 & 265 FOR OVERVIEW



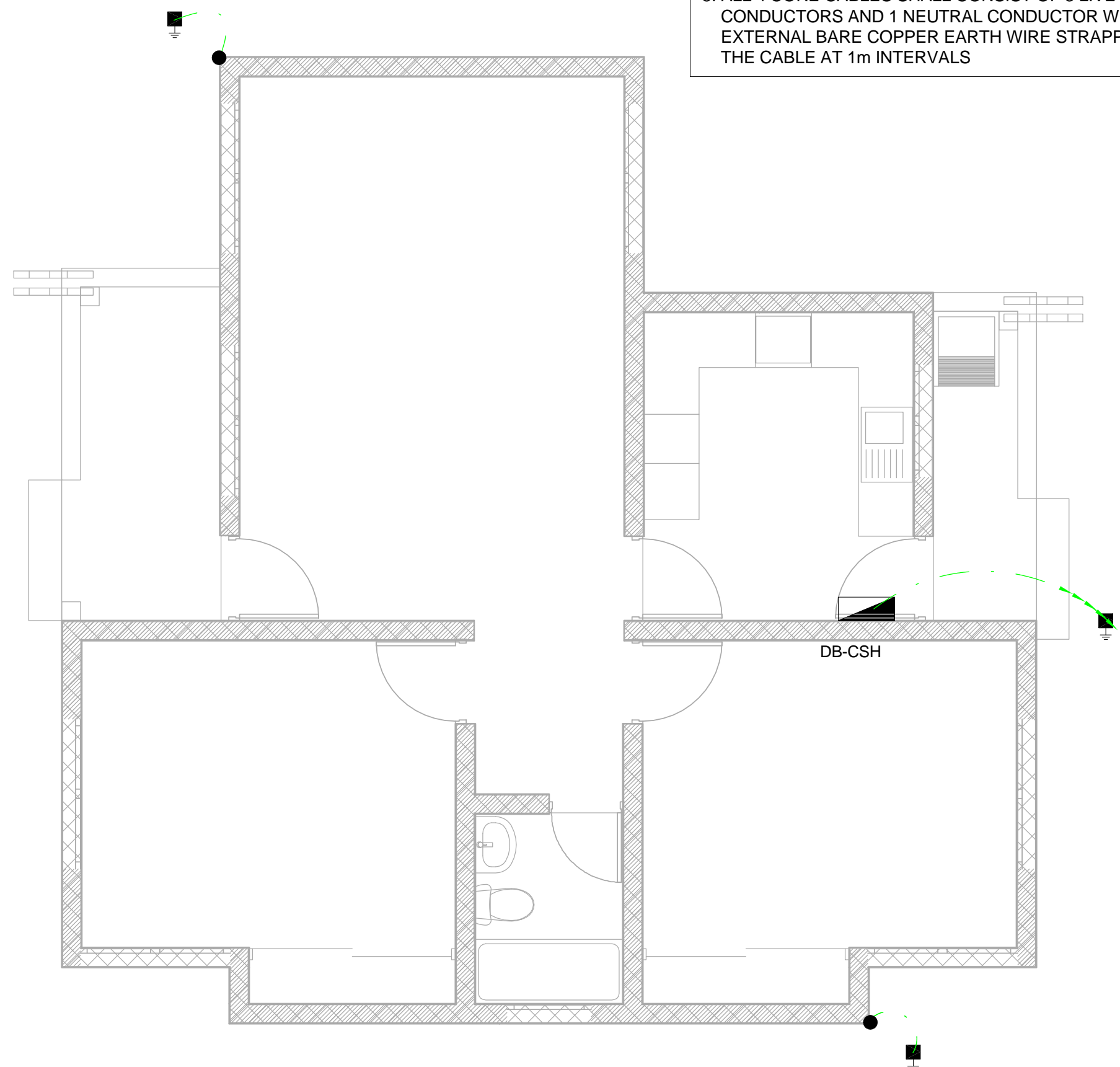
1 Lighting Layout - Clinic Staff Housing
1 : 50



2 Power Layout - Clinic Staff Housing
1 : 50



4 Schematic - Clinic Staff Housing
1 : 20



3 Earthing Layout - Clinic Staff Housing
1 : 50

SMALL POWER LEGEND		LIGHTING LEGEND	
	SINGLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	DOUBLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	VOIP DATA POINT		1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
	TV POINT		1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.		2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
	LIGHT SWITCH		2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	2-WAY LIGHT SWITCH		1 X 18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	DISTRIBUTION BOARD		EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	DOUBLE POLE ISOLATOR		ONE LEVER LIGHT SWITCH
	6U IT CABINET FOR VOIP		TWO LEVER LIGHT SWITCH
	50mm SLEEVE		THREE LEVER LIGHT SWITCH
	25mm CONDUIT		2-WAY LIGHT SWITCH
			DISTRIBUTION BOARD LOCATION
			DOUBLE POLE ISOLATOR
			PHOTOCELL

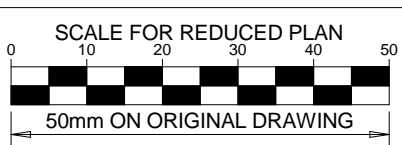
CONDUCTOR LEGEND	
1.	2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
2.	4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
3.	6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
4.	ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
5.	ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION

EARTHING LEGEND	
	CADWELDED CONNECTION
	3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
	DOWN CONDUCTOR
	70MM² BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 61, 62, 235 & 237 FOR
OVERVIEW



NOTES

- ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL.
- EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
- LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
- LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
- A MINIMUM OF TWO 70mm² BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-0007-01 (Overview)	Site Electrical Reticalation – LV
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1
C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Typical Drawings Sheet 2

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REVISIONS

NO.	DATE	CHECKED BY	DONE BY	DESCRIPTION
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B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
D	09/10/15	TM	CB	Issued for Client Review
E	17/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction



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CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

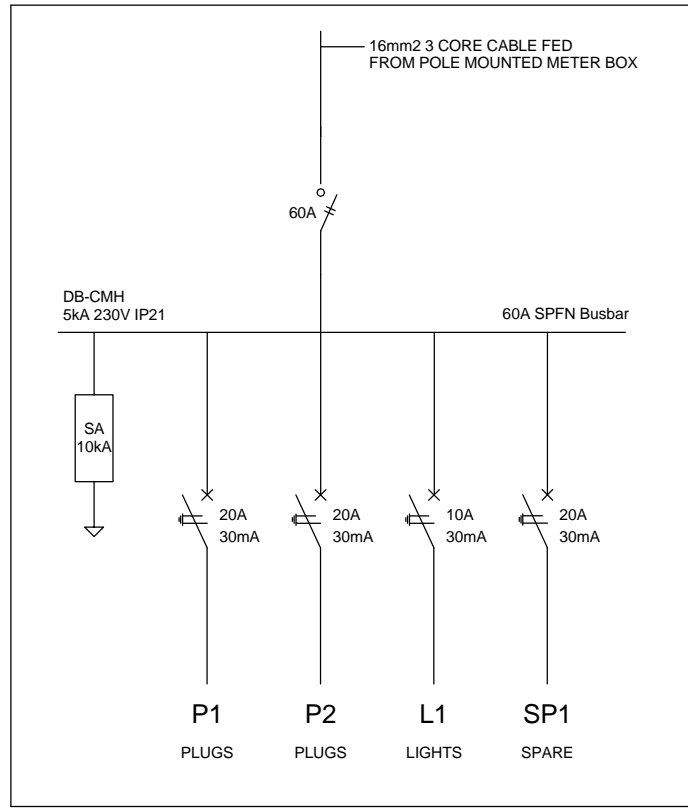
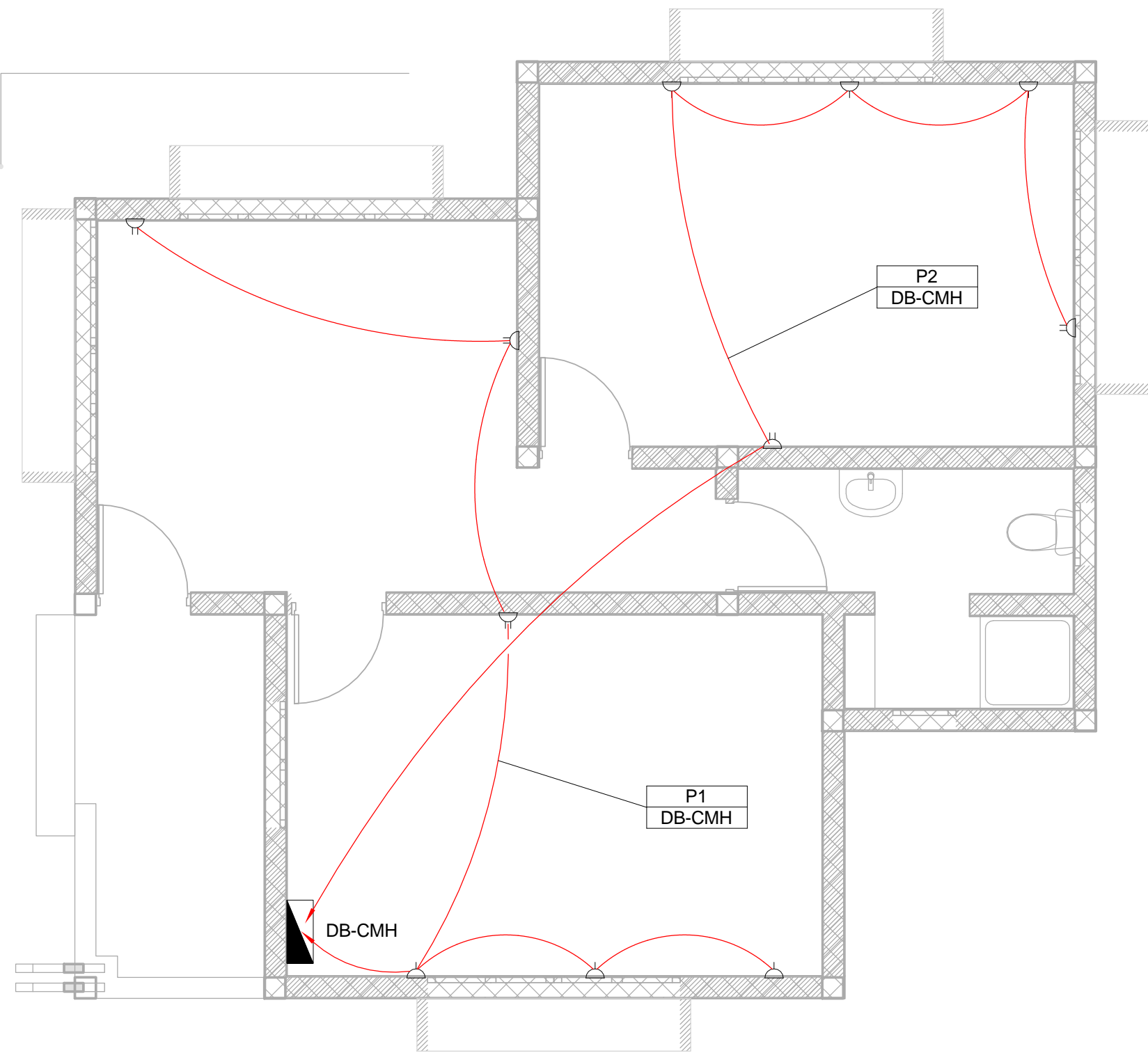
CLIENT



PROJECT
AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION
**Resettlement Village Clinic
Staff Housing Small Power
and Lighting**

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0048	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00104-01	



4 Schematic - Clinic Mothers Housing
1 : 20

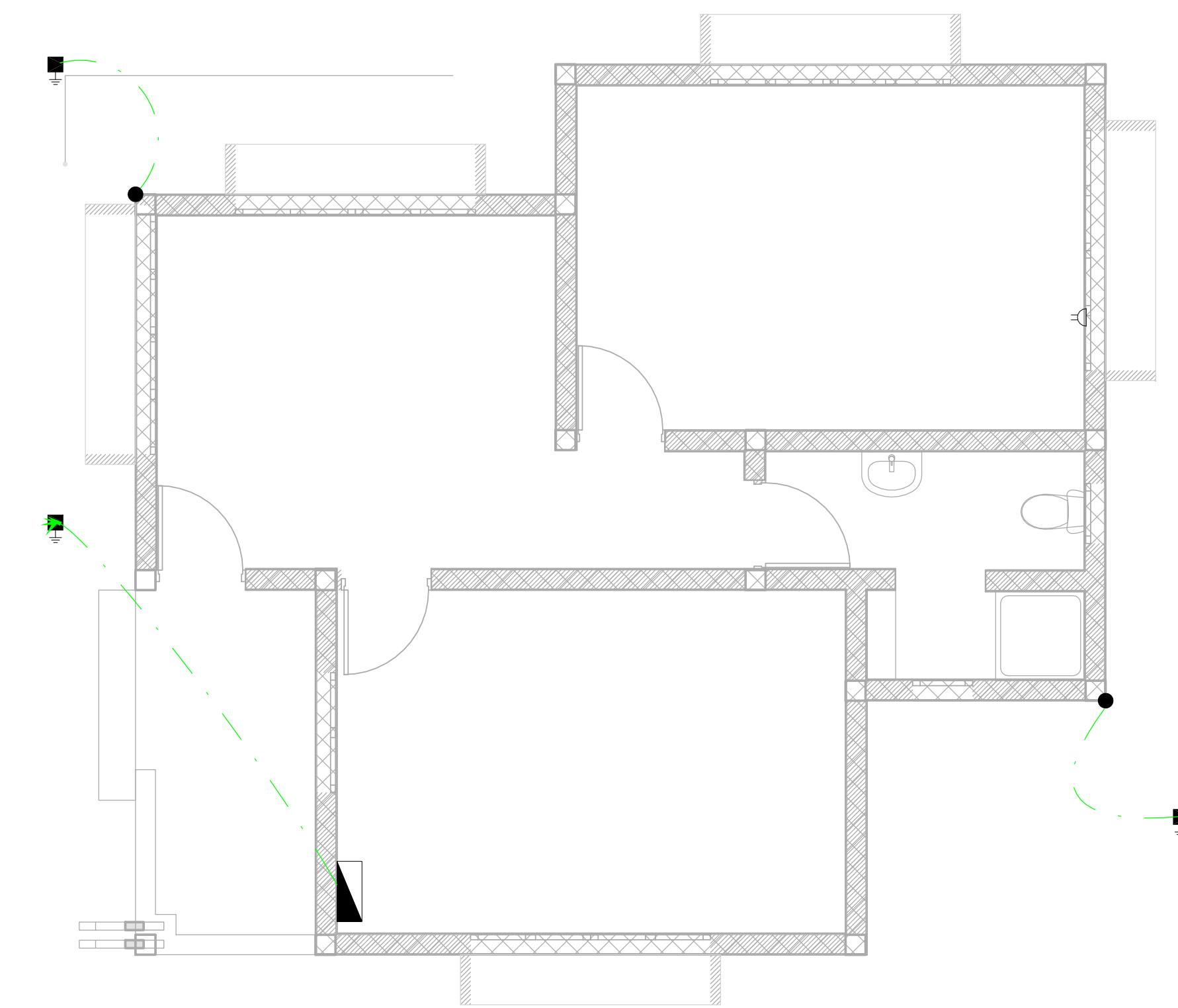
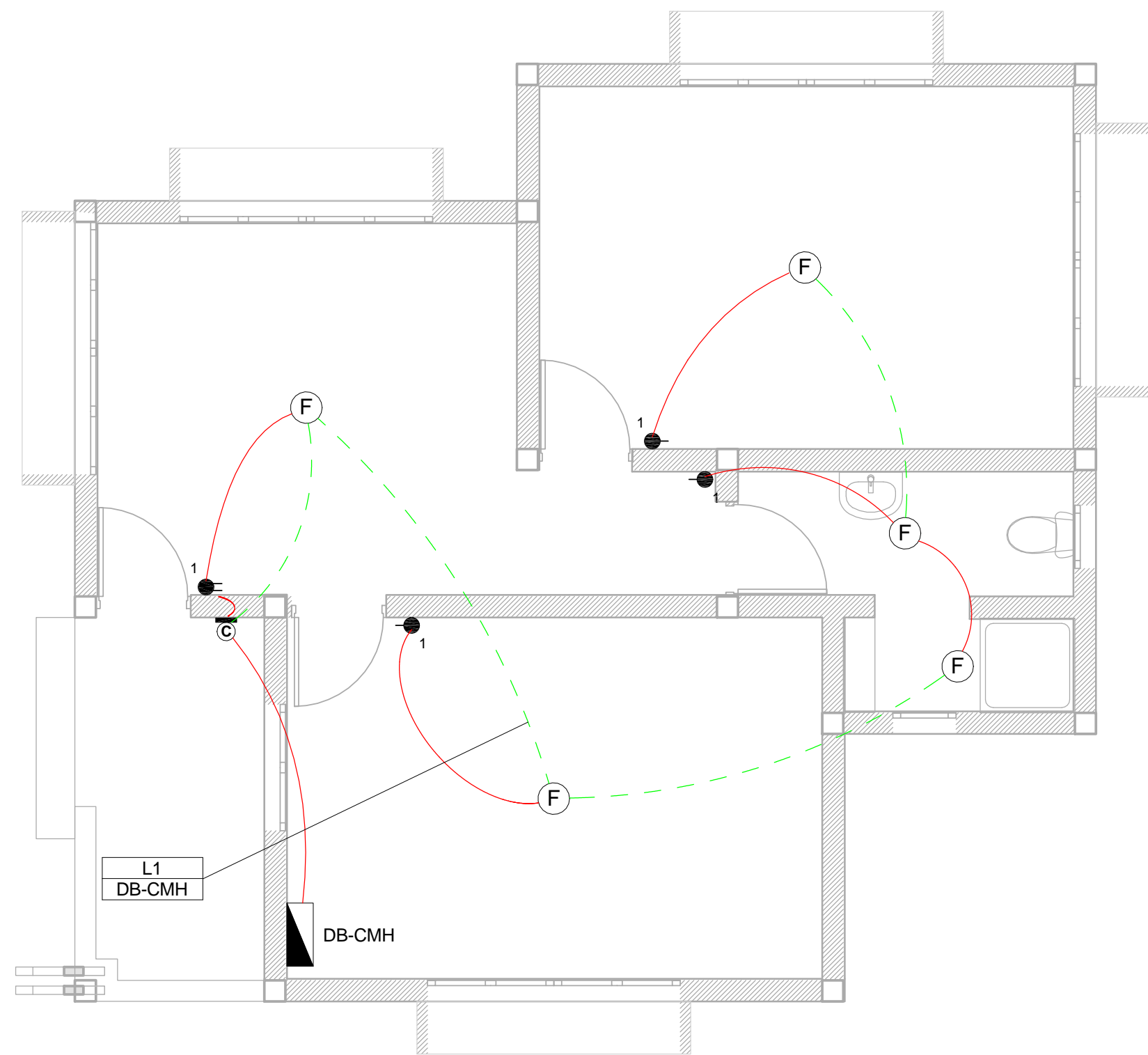
SMALL POWER LEGEND		LIGHTING LEGEND	
	SINGLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS *POLE* AND LS122 "LIGHT" FROM RADIANT)
	DOUBLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MMF CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	VOIP DATA POINT		1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	TV POINT		1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.		1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	LIGHT SWITCH		2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
	2-WAY LIGHT SWITCH		2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	DISTRIBUTION BOARD		1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	DOUBLE POLE ISOLATOR		EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	6U IT CABINET FOR VOIP		ONE LEVER LIGHT SWITCH
	50mm SLEEVE		TWO LEVER LIGHT SWITCH
	25mm CONDUIT		THREE LEVER LIGHT SWITCH
			2-WAY LIGHT SWITCH
			DISTRIBUTION BOARD LOCATION
			DOUBLE POLE ISOLATOR
			PHOTOCELL

EARTHING LEGEND	
	CADWELDED CONNECTION
	3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
	DOWN CONDUCTOR
	70MM2 BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION

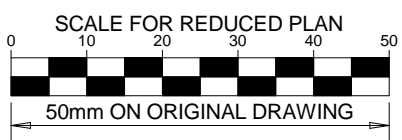
CONDUCTOR LEGEND	
1. 2.5mm2 CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS	
2. 4mm2 CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS	
3. 6mm2 CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS	
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR	
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS	



2 Earthing Layout - Clinic Mothers Housing
1 : 50

1 Power Layout - Clinic Mothers Housing
1 : 50

3 Lighting Layout - Clinic Mothers Housing
1 : 50



NOTES

- ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL.
- EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
- LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
- LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
- A MINIMUM OF TWO 70mm2 BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-00007-01 C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Site Electrical Retiulation - LV (Overview) Typical Drawings Sheet 1
C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Typical Drawings Sheet 2

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C	02/10/15	TM	SB	Issued for Squad Check
D	09/10/15	TM	CB	Issued for Client Review
E	26/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction



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NAME	SIGNATURE	DATE
DRAWN BY: C Brandsen		29/09/15
CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



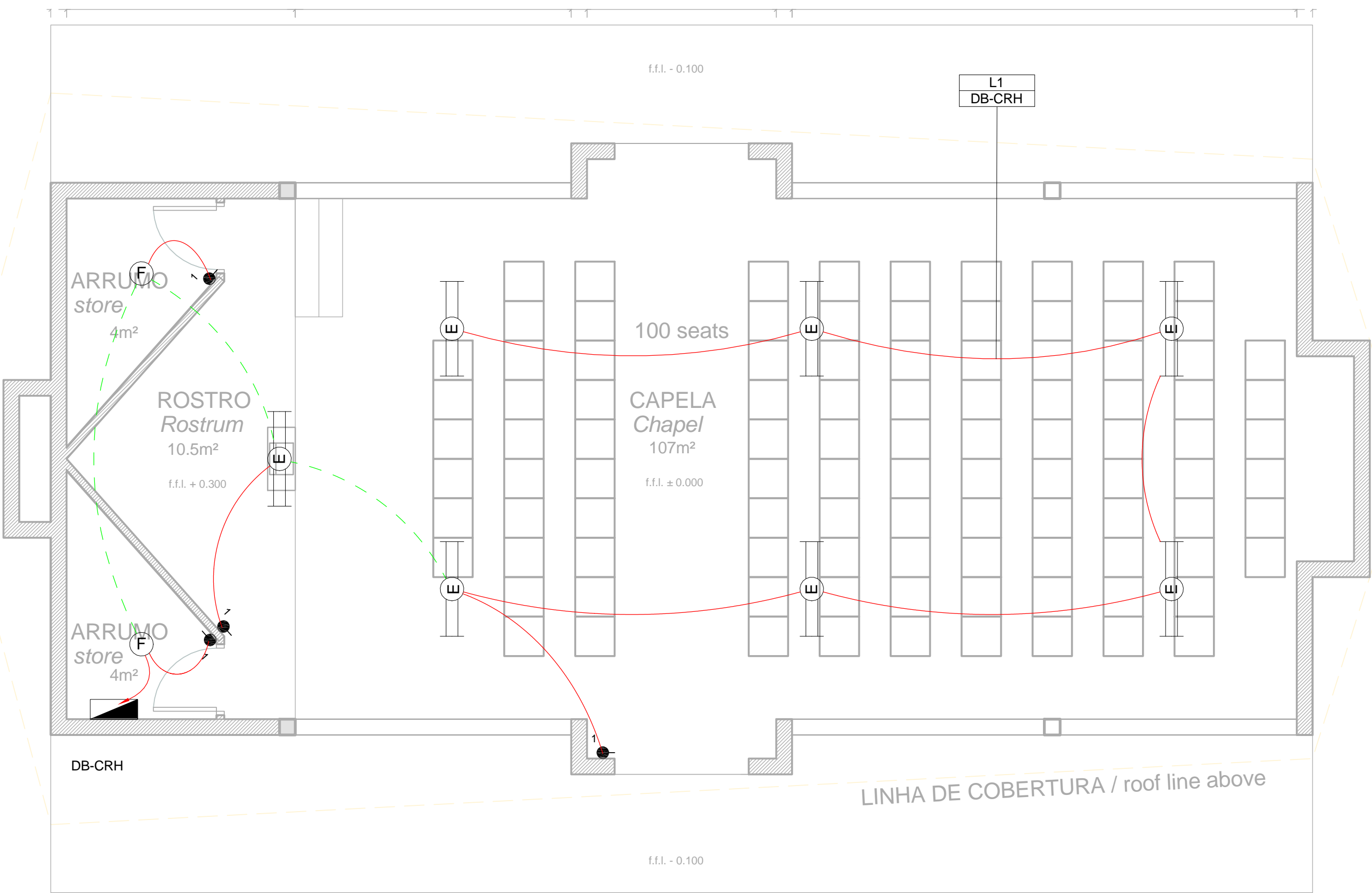
PROJECT

AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

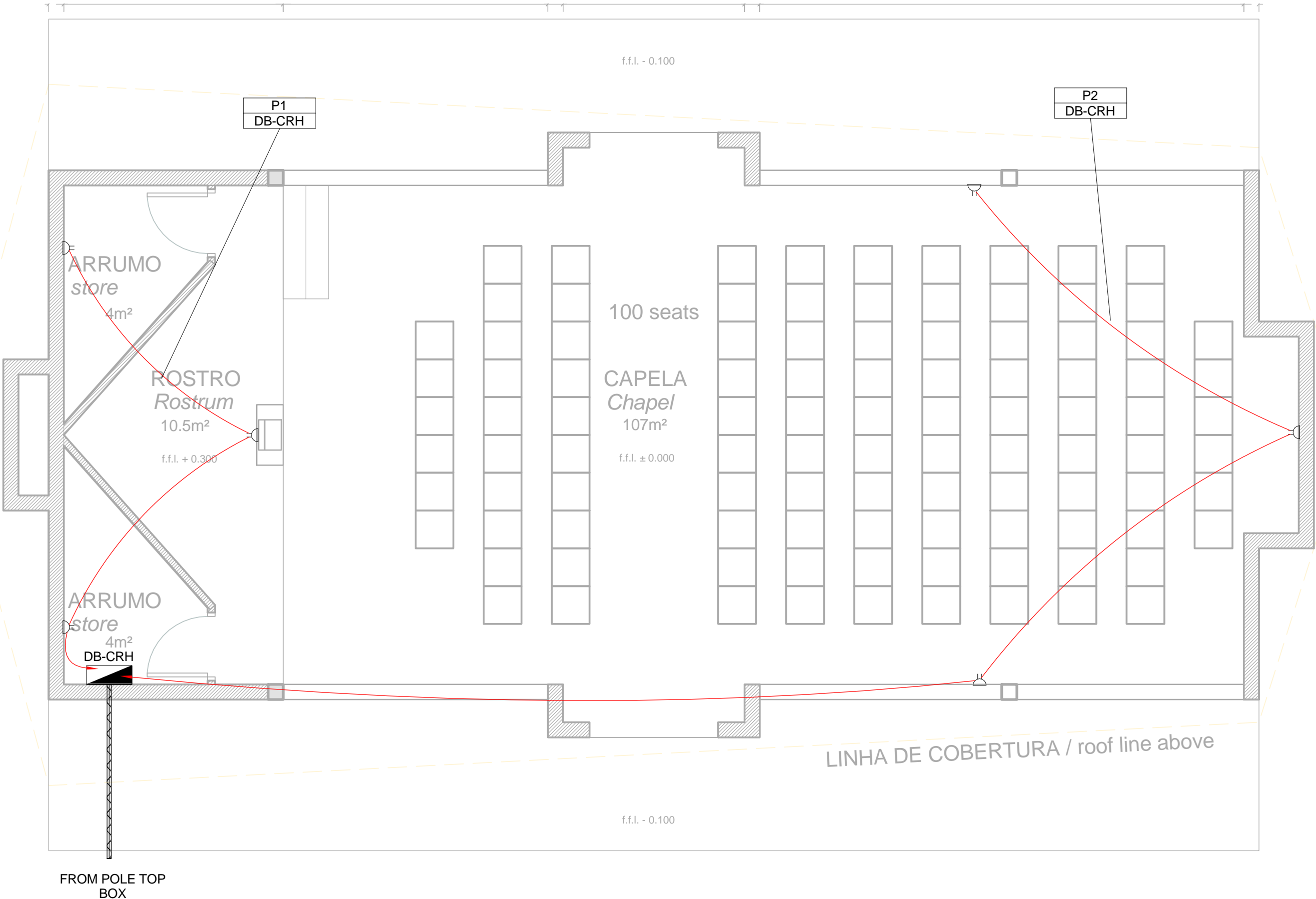
Resettlement Village Clinic Mothers Housing Small Power and Lighting

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0047	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00103-01	



1 Lighting Layout - Church

1 : 50

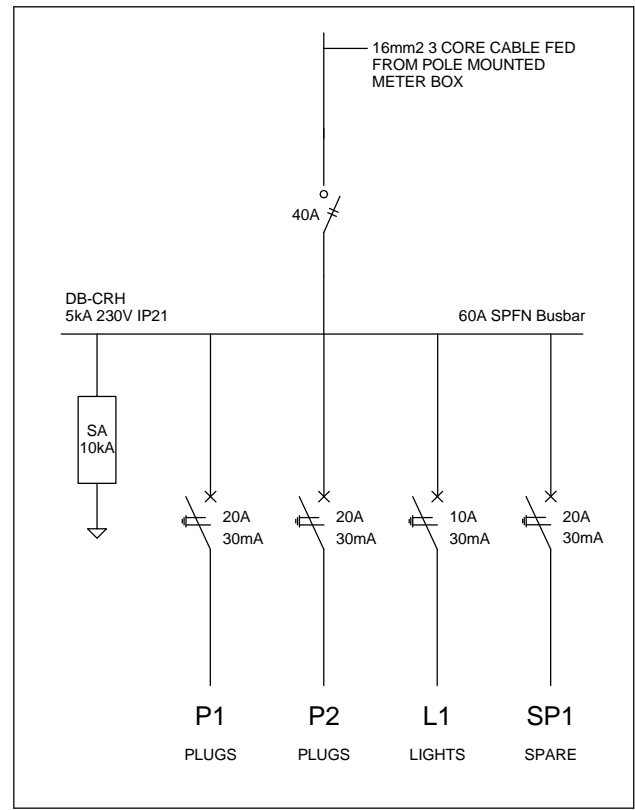


2 Power Layout - Church

1 : 50

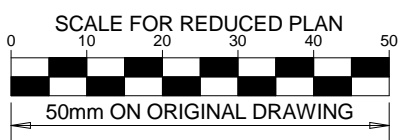
SMALL POWER LEGEND		LIGHTING LEGEND	
	SINGLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	DOUBLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	VOIP DATA POINT		1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	TV POINT		1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.		1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	LIGHT SWITCH		2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
	2-WAY LIGHT SWITCH		2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	DISTRIBUTION BOARD		1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	DOUBLE POLE ISOLATOR		EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	6U IT CABINET FOR VOIP		ONE LEVER LIGHT SWITCH
	50mm SLEEVE		TWO LEVER LIGHT SWITCH
	25mm CONDUIT		THREE LEVER LIGHT SWITCH
			2-WAY LIGHT SWITCH
			DISTRIBUTION BOARD LOCATION
			DOUBLE POLE ISOLATOR
			PHOTOCELL

CONDUCTOR LEGEND		SCHEMATICS LEGEND	
1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS			SINGLE PHASE SWITCH
2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS			SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS			SINGLE PHASE SWITCH DISCONNECTOR
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR			SINGLE PHASE CIRCUIT BREAKER
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS			SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
			THREE PHASE SWITCH
			THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
			THREE PHASE SWITCH DISCONNECTOR
			THREE PHASE CIRCUIT BREAKER
			THREE PHASE CIRCUIT BREAKER FOR ISOLATION
			RCBO PROTECTION



3 Schematic - Church

1 : 20



NOTES

1. ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL.

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-0007-01	Site Electrical Reticulation – LV (Overview)
C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-0007-02	Typical Drawings Sheet 2

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REVISIONS

NO.	DATE	CHECKED BY	DONE BY	DESCRIPTION
A	28/09/15	TM	SB	Issued for Peer Review
B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
D	09/10/15	TM	CB	Issued for Client Review
E	26/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction



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WorleyParsons RSA (Pty) Ltd.

NAME	SIGNATURE	DATE
DRAWN BY: S Bedasie		28/09/15
CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



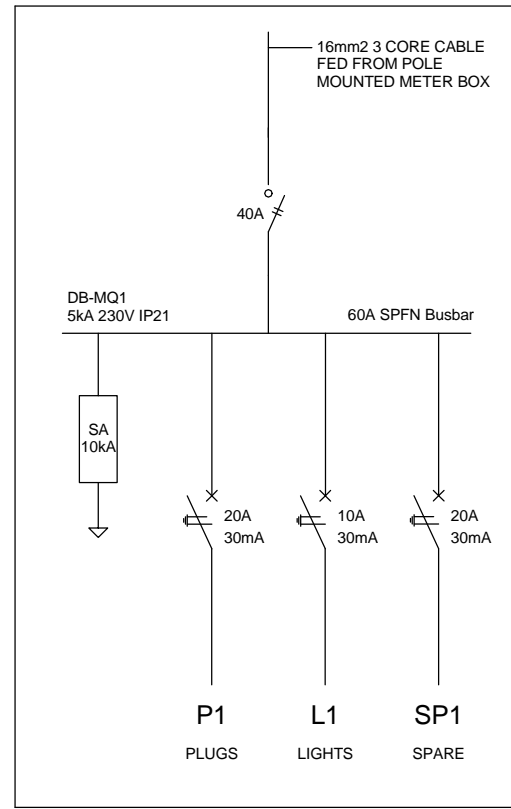
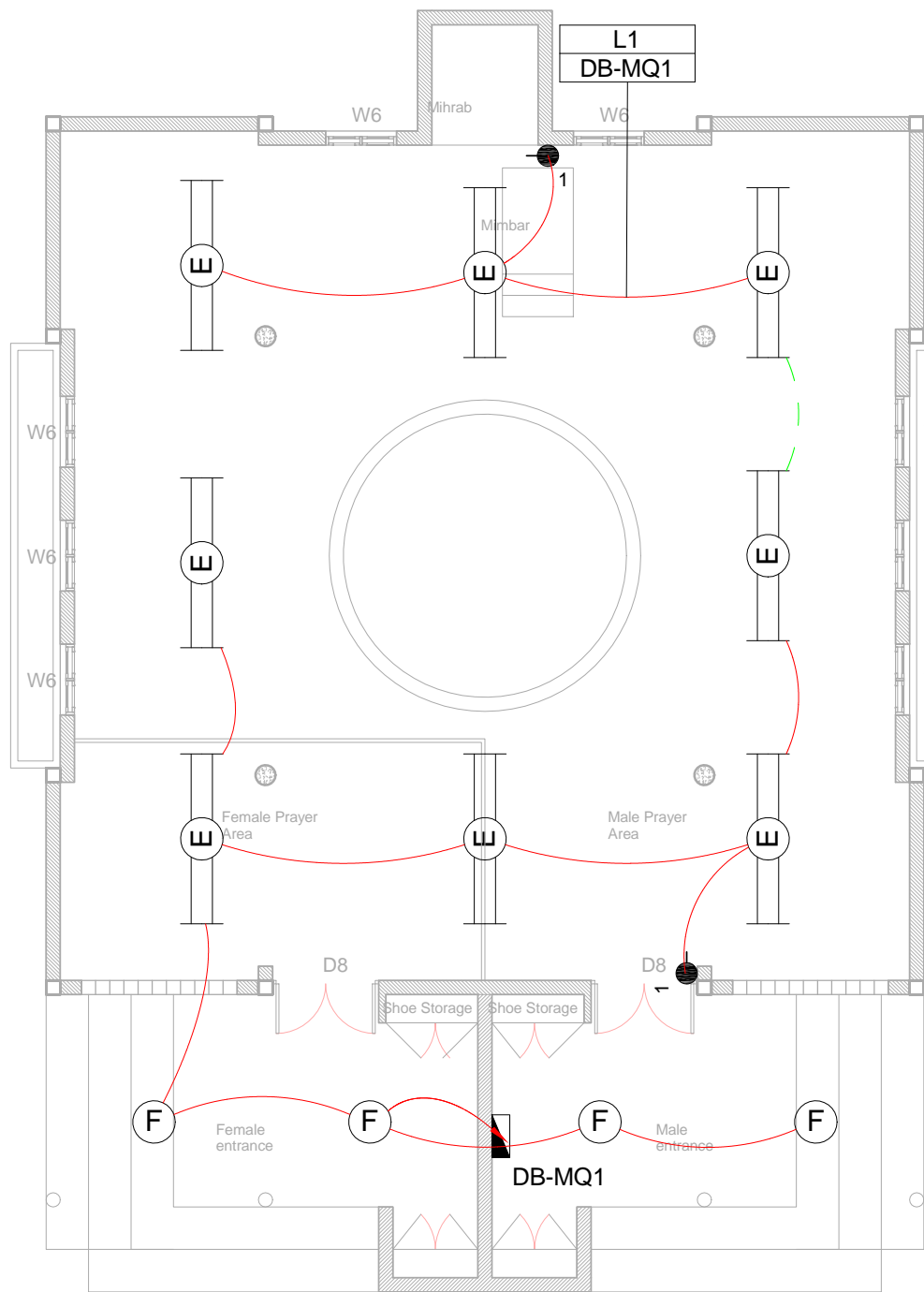
PROJECT

AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

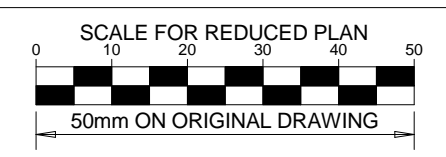
Resettlement Village Church Small Power and Lighting

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0046	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00102-01	



SMALL POWER LEGEND		LIGHTING LEGEND	
	SINGLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL &/OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	DOUBLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	VOIP DATA POINT		1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	TV POINT		1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.		1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	LIGHT SWITCH		2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
	2-WAY LIGHT SWITCH		2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	DISTRIBUTION BOARD		1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	DOUBLE POLE ISOLATOR		EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	6U IT CABINET FOR VOIP		ONE LEVER LIGHT SWITCH
	50mm SLEEVE		TWO LEVER LIGHT SWITCH
	25mm CONDUIT		THREE LEVER LIGHT SWITCH
			2-WAY LIGHT SWITCH
			DISTRIBUTION BOARD LOCATION
			DOUBLE POLE ISOLATOR
			PHOTOCELL

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009, STAND NUMBER 296 FOR OVERVIEW



NOTES

- ALL SOCKET OUTLETS TO BE MOUNTED AT 300mm ABOVE FFL.
- EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
- LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
- LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY
- A MINIMUM OF TWO 70mm² BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009 EA-MZ-CI0000-WOR-E02-0007-01	Site Electrical Retiulation - LV (Overview)
C00290-00-EL-DES-0001-001 EA-MZ-CI0000-WOR-E02-00027-01	Typical Drawings Sheet 1
C00290-00-EL-DES-0001-002 EA-MZ-CI0000-WOR-E02-00027-02	Typical Drawings Sheet 2

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NO.	DATE	CHECKED BY	DONE BY	DESCRIPTION
A	28/09/15	TM	SB	Issued for Peer Review
B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
D	09/10/15	TM	CB	Issued for Client Review
E	26/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction

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WorleyParsons RSA (Pty) Ltd.

NAME	SIGNATURE	DATE
DRAWN BY: S Bedasie		28/09/15
CHECKED: T Meyer		02/10/15
DESIGNER: C Brandsen		28/09/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



PROJECT
AMA1 RESETTLEMENT VILLAGE

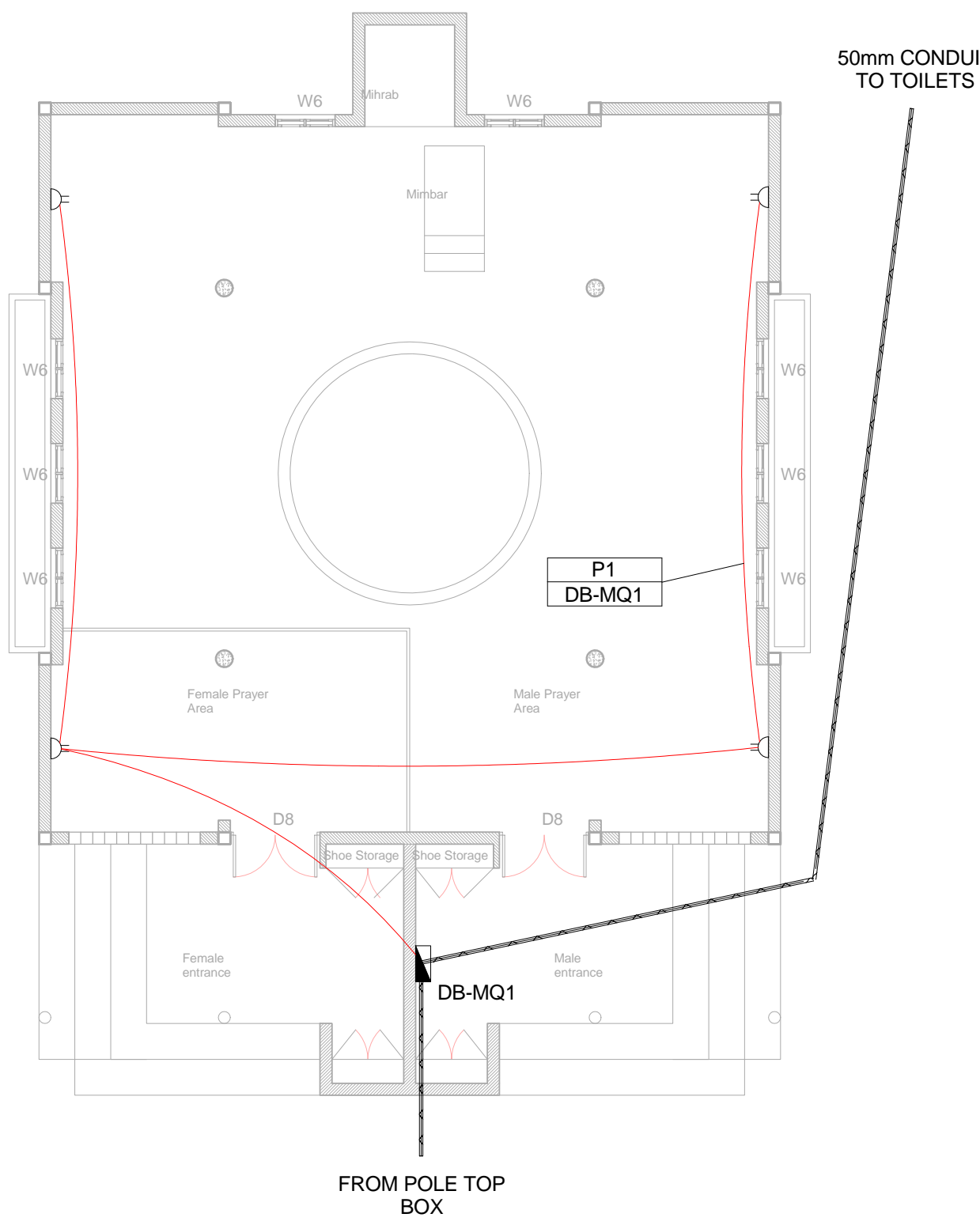
DRAWING DESCRIPTION

Resettlement Village Big Mosque Small Power and Lighting

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0045	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E02-00101-01	

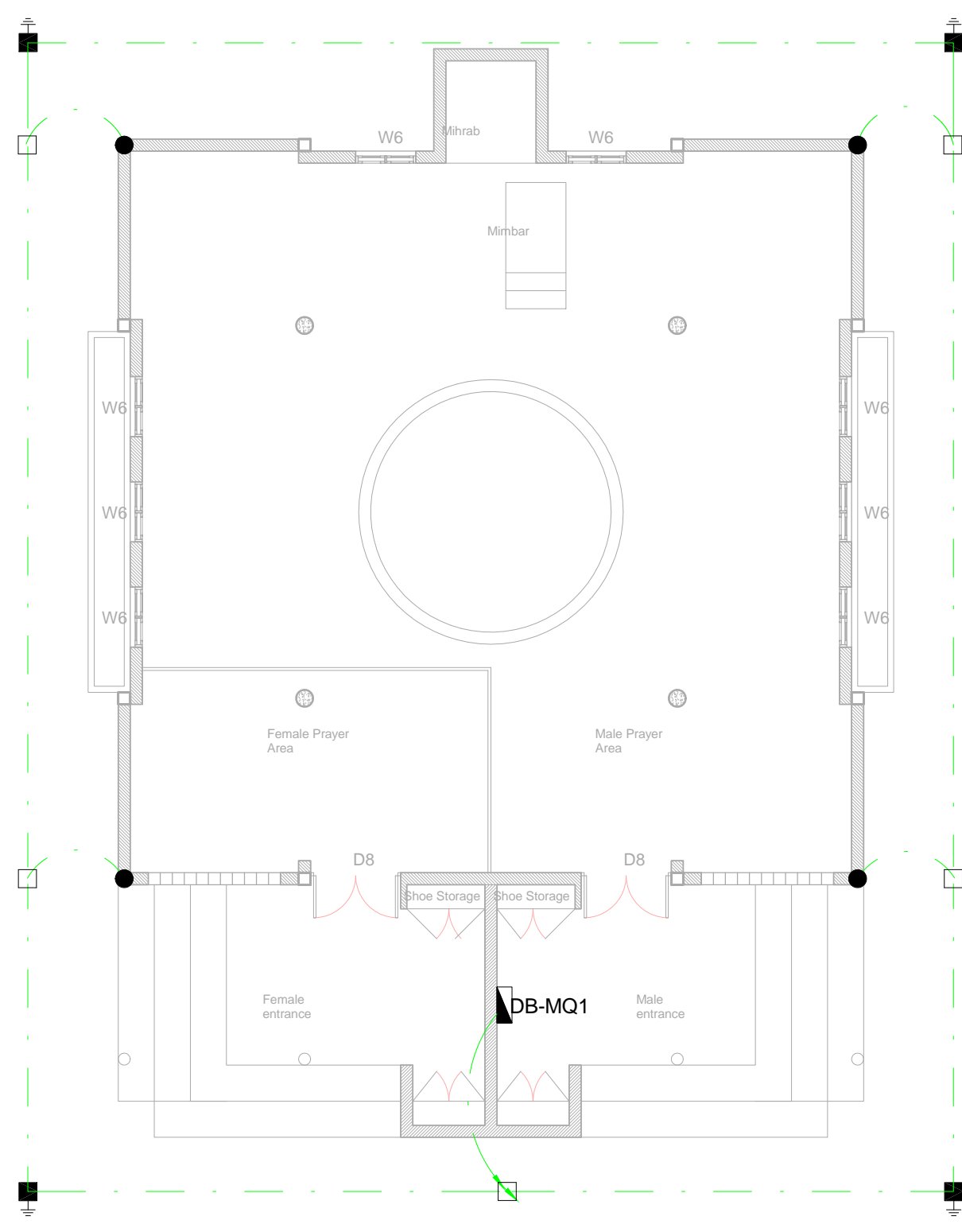
Lighting Layout - Big Mosque

1 : 100



Power Layout - Big Mosque

1 : 100



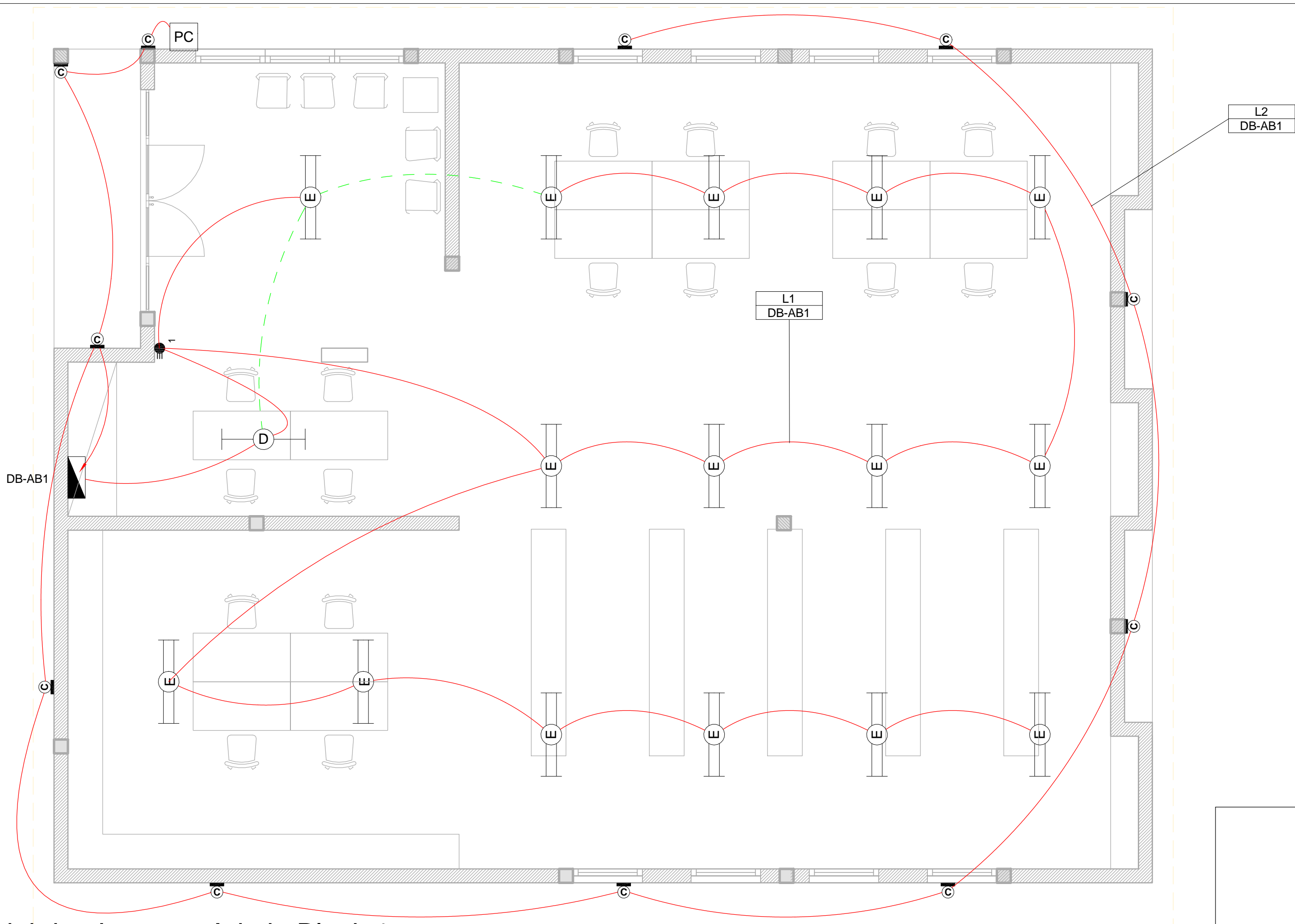
Earthing Layout - Big Mosque

1 : 100

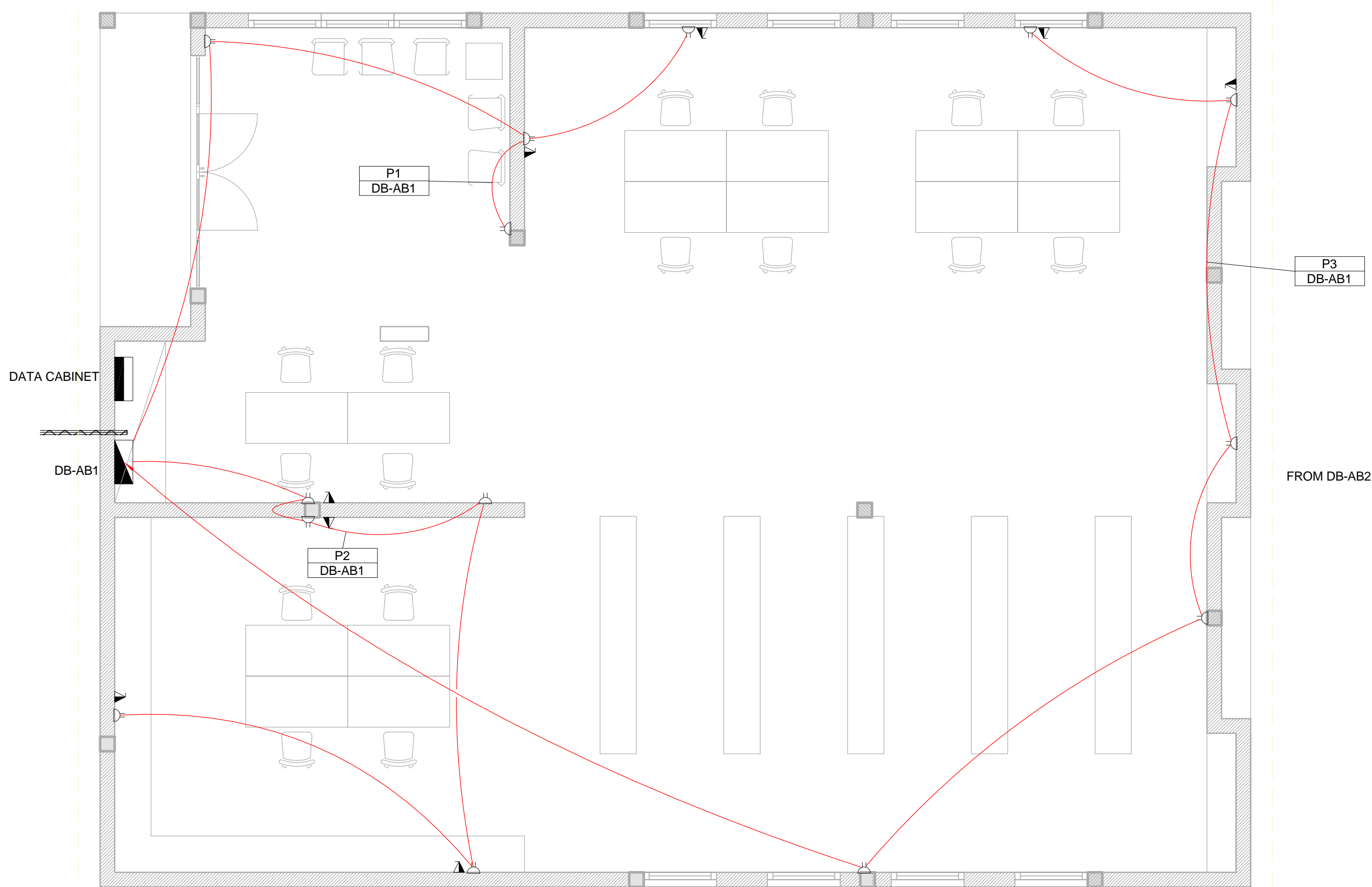
SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION

EARTHING LEGEND	
	CADWELDED CONNECTION
	3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
	DOWN CONDUCTOR
	70MM² BARE COPPER EARTH WIRE

CONDUCTOR LEGEND	
1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS	
2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS	
3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS	
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR	
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS	

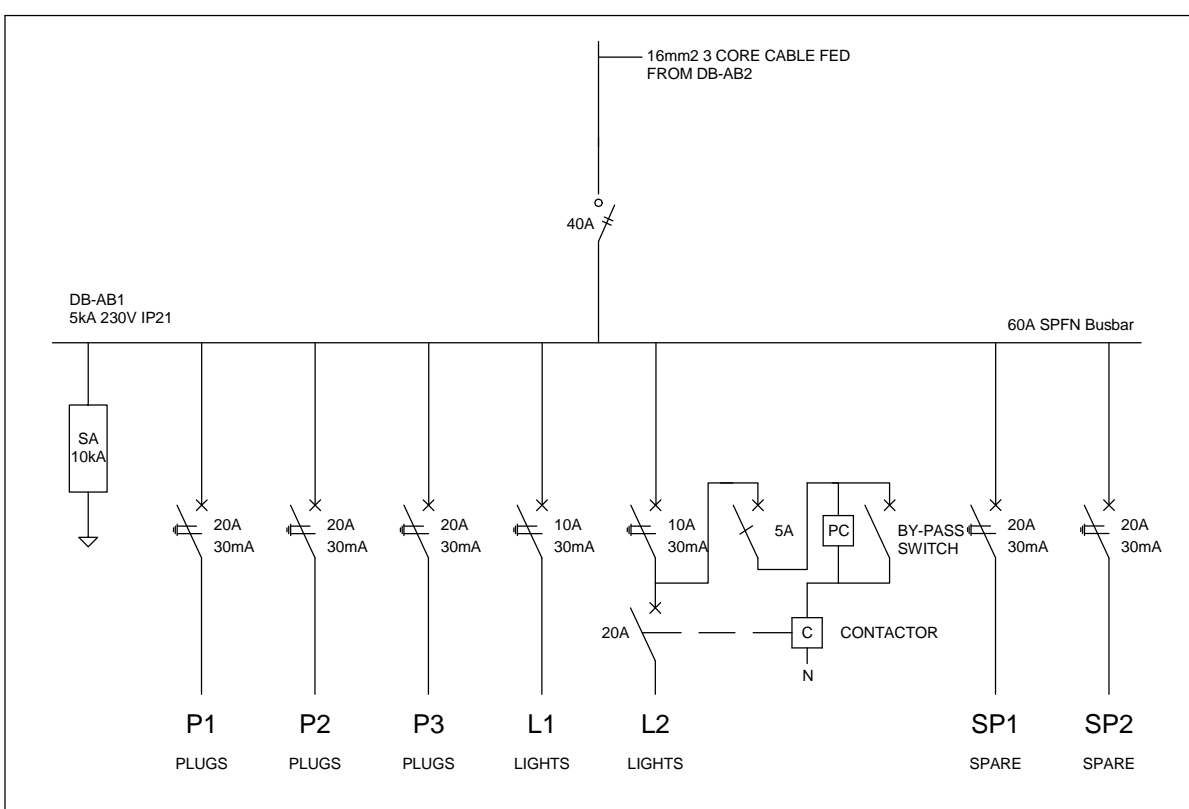


1 Lighting Layout - Admin Block 1
1 : 50



2 Power Layout - Admin Block 1
1 : 50

SMALL POWER LEGEND	LIGHTING LEGEND
SINGLE SOCKET OUTLET	2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED, (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS *POLE* AND LS122 *LIGHT* FROM RADIANT)
DOUBLE SOCKET OUTLET	2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
VOIP DATA POINT	1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
TV POINT	1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-136-ELB)
POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.	1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
LIGHT SWITCH	2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE RI/T-236-ELB)
2-WAY LIGHT SWITCH	2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
DISTRIBUTION BOARD	1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
DOUBLE POLE ISOLATOR	EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
6U IT CABINET FOR VOIP	ONE LEVER LIGHT SWITCH
50mm SLEEVE	TWO LEVER LIGHT SWITCH
25mm CONDUIT	THREE LEVER LIGHT SWITCH
	2-WAY LIGHT SWITCH
	DISTRIBUTION BOARD LOCATION
	DOUBLE POLE ISOLATOR
	PHOTOCCELL



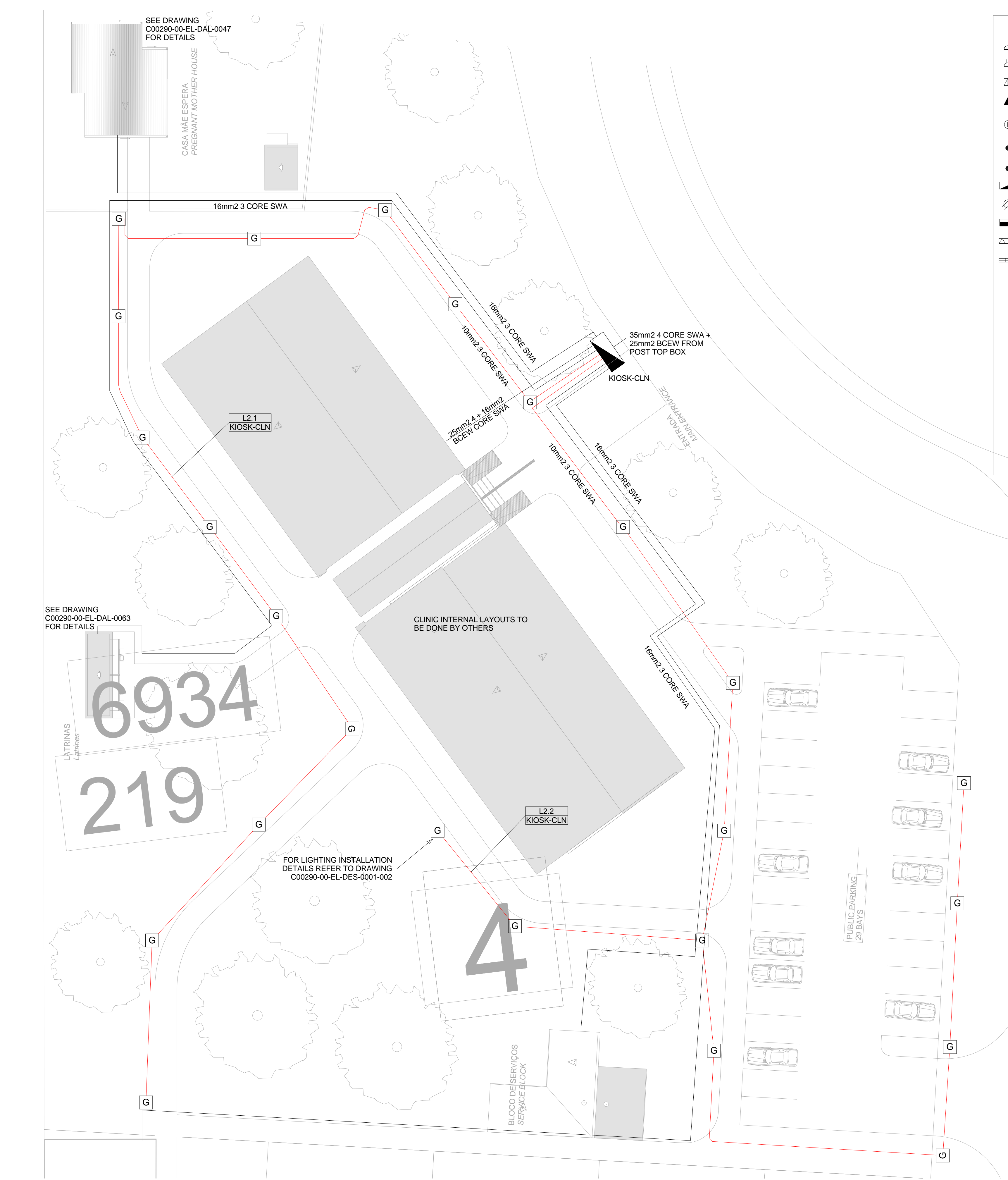
3 Schematic - Admin Block 1
1 : 20

SCHEMATICS LEGEND
SINGLE PHASE SWITCH
SINGLE PHASE DISCONNECTER (OFF LOAD ISOLATOR)
SINGLE PHASE SWITCH DISCONNECTOR
SINGLE PHASE CIRCUIT BREAKER
SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
THREE PHASE SWITCH
THREE PHASE DISCONNECTER (OFF LOAD ISOLATOR)
THREE PHASE SWITCH DISCONNECTOR
THREE PHASE CIRCUIT BREAKER
THREE PHASE CIRCUIT BREAKER FOR ISOLATION
RCBO PROTECTION

CONDUCTOR LEGEND
1. 2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
2. 4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
3. 6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
4. ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
5. ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

<div>SCALE FOR REDUCED PLAN</div> <div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></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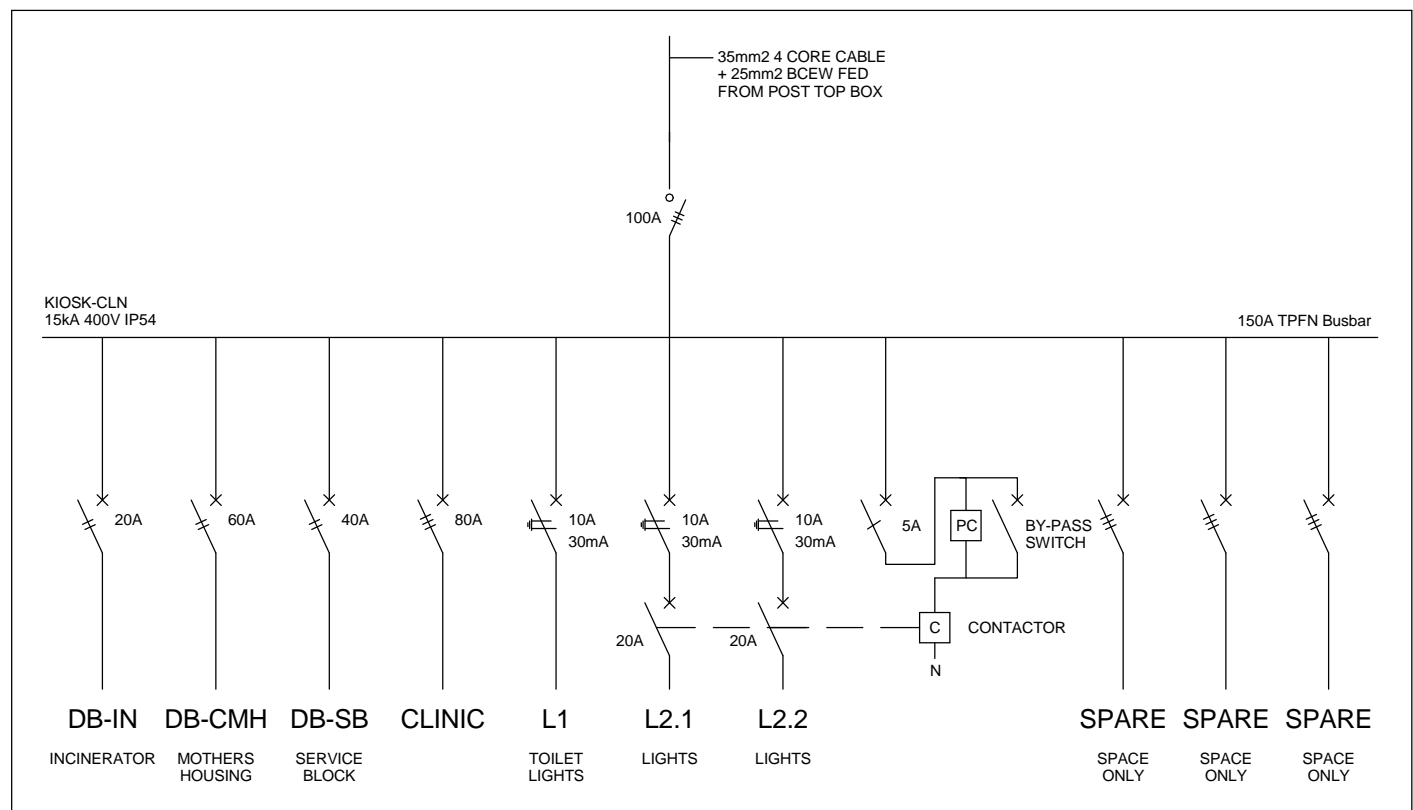
NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 243 FOR OVERVIEW



SMALL POWER LEGEND		LIGHTING LEGEND	
	SINGLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT FLOOD LIGHT, WITH ECG & COOL WHITE LAMPS. THE LUMINAIRES WILL BE SUITABLE FOR WALL & OR POLE MOUNTING COMPLETE WITH 4M POLE WHERE REQUIRED. (THE POLE AND THE LIGHT FITTING WILL BE EQUAL OR BETTER APPROVED THAN PS76MS "POLE" AND LS122 "LIGHT" FROM RADIANT)
	DOUBLE SOCKET OUTLET		2 X 26W COMPACT FLUORESCENT RECESSED DOWN LIGHT, WITH ECG, HORIZONTALLY MOUNTED COOL WHITE LAMPS & 3M 3CORE 1MM² CABTYRE AND 6A PLUGTOP. THE FITTING WILL BE EQUAL OR BETTER THAN RADIANT TYPE BB74
	VOIP DATA POINT		1X26W COMPACT FLUORESCENT WALL/CEILING MOUNTED DECORATIVE BULKHEAD LUMINAIRE WITH CAST ALUMINIUM BODY, COOL WHITE LAMP & ECG (EQUAL OR BETTER THAN RADIANT TYPE WT6E)
	TV POINT		1 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/T-136-ELB)
	POWER POLE WITH 2 X DOUBLE SOCKET OUTLET.		1 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	LIGHT SWITCH		2 X 36W OPEN FLUORESCENT LUMINAIRE WITH ECG. (EQUAL OR BETTER THAN LASCON TYPE R/T-136-ELB)
	2-WAY LIGHT SWITCH		2 X 36W WEATHER PROOF TO IP 55 FLUORESCENT LUMINAIRE WITH TRIPHOSPHOR LAMPS AND ECG
	DISTRIBUTION BOARD		1x18W COMPACT FLUORESCENT CEILING MOUNTED LUMINAIRES WITH COOL WHITE LAMPS & ECG (EQUAL OR BETTER THAN RADIANT TYPE JL25)
	DOUBLE POLE ISOLATOR		EQUAL OR BETTER THAN RADIANT TYPE LS896 WITH A 70W MH LAMP MOUNTED ON A 4M GALVANIZED STEEL POLE.
	6U IT CABINET FOR VOIP		ONE LEVER LIGHT SWITCH
	50mm SLEEVE		TWO LEVER LIGHT SWITCH
	25mm CONDUIT		THREE LEVER LIGHT SWITCH
			2-WAY LIGHT SWITCH
			DISTRIBUTION BOARD LOCATION
			DOUBLE POLE ISOLATOR
			PHOTOCELL

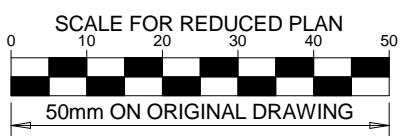
CONDUCTOR LEGEND	
1.	2.5mm² CONDUCTORS SHALL BE USED FOR ALL LIGHTING CIRCUITS
2.	4mm² CONDUCTORS SHALL BE USED FOR ALL SOCKET OUTLET CIRCUITS
3.	6mm² CONDUCTORS SHALL BE USED FOR ALL GEYSER AND STOVE CIRCUITS
4.	ALL 3 CORE CABLES SHALL CONSIST OF 1 LIVE PHASE CONDUCTOR, 1 NEUTRAL CONDUCTOR AND A PROTECTED EARTH CONDUCTOR
5.	ALL 4 CORE CABLES SHALL CONSIST OF 3 LIVE PHASE CONDUCTORS AND 1 NEUTRAL CONDUCTOR WITH AN EXTERNAL BARE COPPER EARTH WIRE STRAPPED TO THE CABLE AT 1m INTERVALS

SCHEMATICS LEGEND	
	SINGLE PHASE SWITCH
	SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	SINGLE PHASE SWITCH DISCONNECTOR
	SINGLE PHASE CIRCUIT BREAKER
	SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
	THREE PHASE SWITCH
	THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
	THREE PHASE SWITCH DISCONNECTOR
	THREE PHASE CIRCUIT BREAKER
	THREE PHASE CIRCUIT BREAKER FOR ISOLATION
	RCBO PROTECTION



2 Schematic - Clinic Site Kiosk
1 : 20

NOTE:
SEE DRAWING C00290-00-EL-DAL-0009,
STAND NUMBER 219 FOR OVERVIEW



- ### NOTES
- POWER CABLES SHALL BE BURIED DIRECTLY AT A MINIMUM OF 600mm BELOW GRADE
 - WHERE POWER CABLES ARE BURIED BELOW A ROAD CROSSING OR PATHWAY, 2x 110mm SLEEVES SHALL BE INSTALLED
 - WHERE SPECIFIED ON THE DRAWING, CONDUITS/SLEEVES SHALL BE INSTALLED

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0009	Site Electrical Retention - LV (Overview)
C00290-00-EL-DAL-0047	Clinic Mothers Housing Small Power and Lighting
C00290-00-EL-DAL-0063	Public Toilets Lighting Layout
C00290-00-EL-DES-0001-002	Typical Drawings Sheet 2
EA-MZ-CI0000-WOR-E02-00027-02	

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REVISIONS				
NO.	DATE	CHECKED	DONE BY	DESCRIPTION
A	16/10/15	TM	CB	Issued for Peer Review
B	16/10/15	TM	CB	Issued for Detailed Design
C	21/10/15	TM	SB	Issued for Squad Check
D	23/10/15	TM	CB	Issued for Client Review
E	17/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction



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FAX: +27(0)11 218 3100
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WorleyParsons RSA (Pty) Ltd.

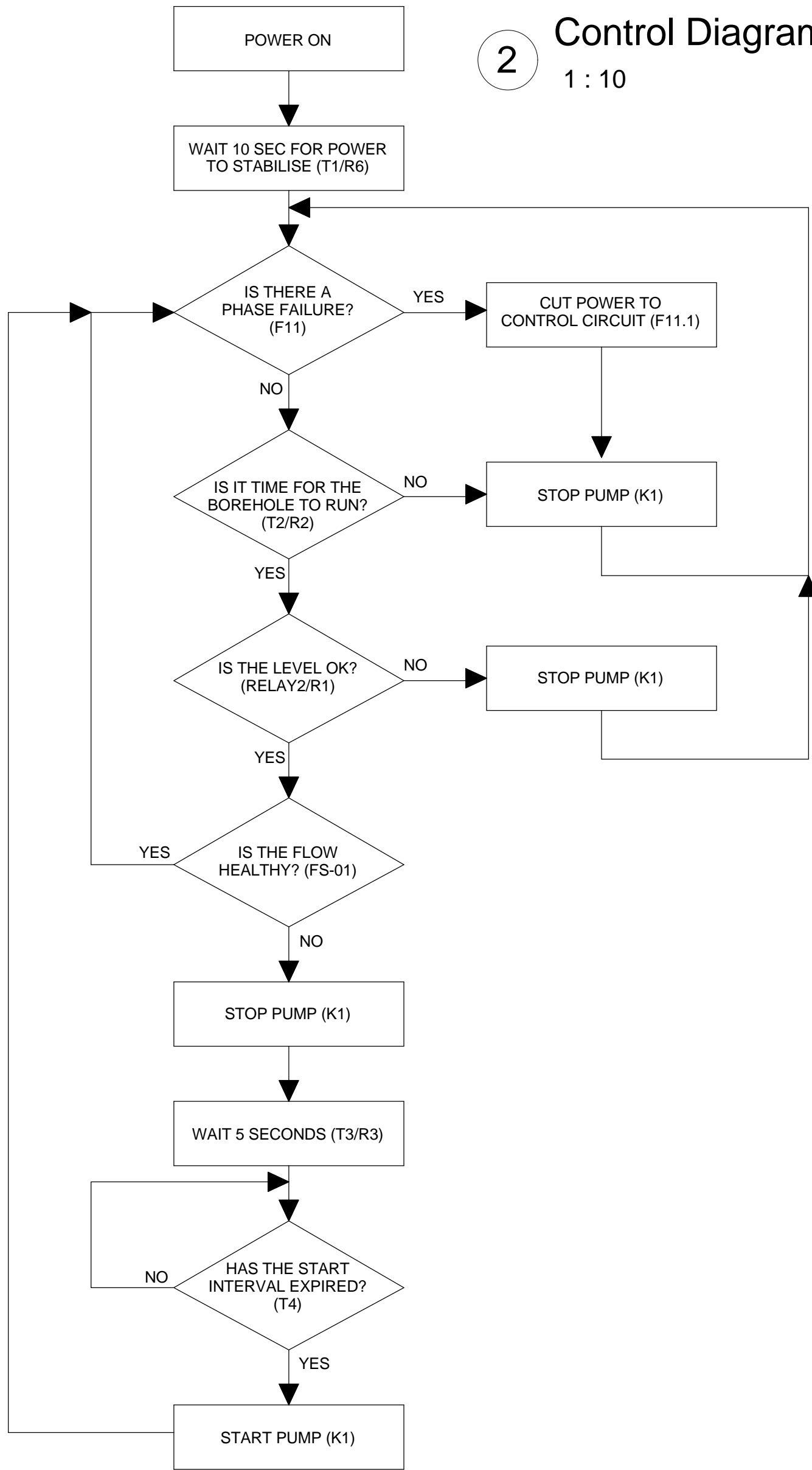
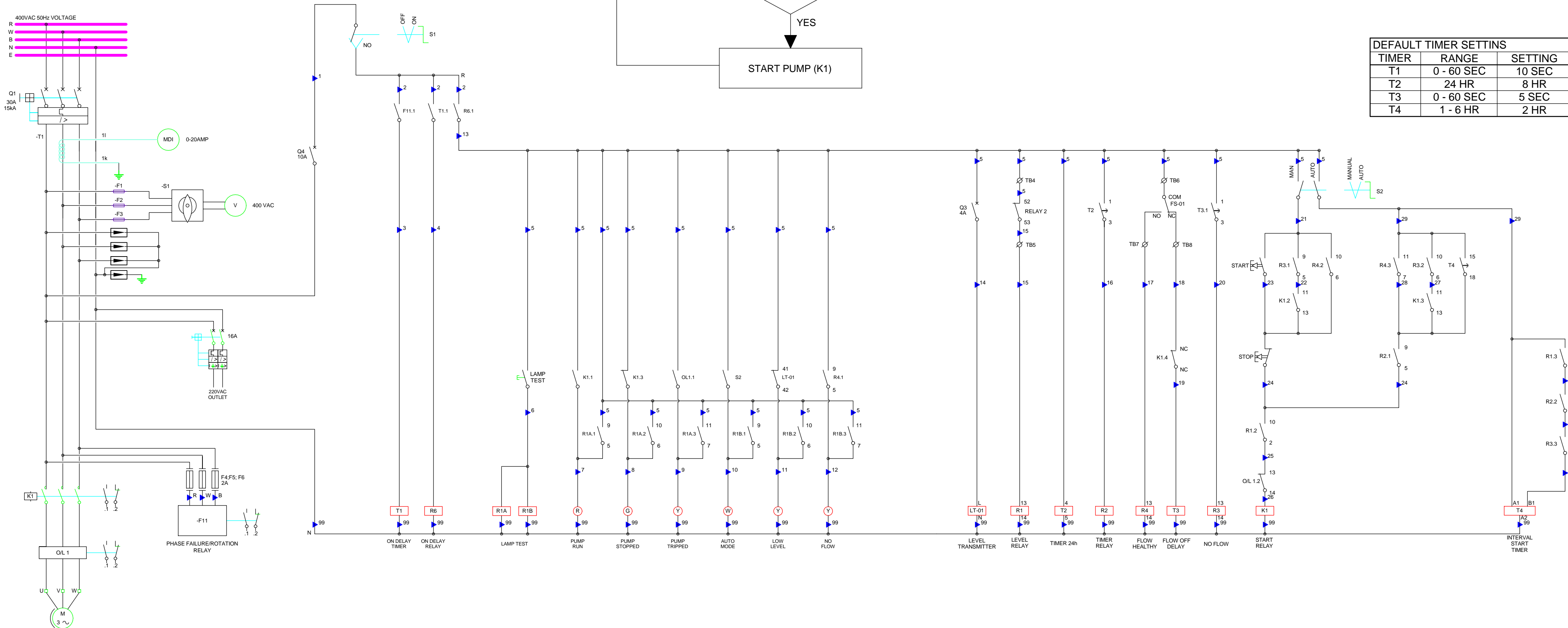
NAME	SIGNATURE	DATE
DRAWN BY: C Brandsen		16/10/15
CHECKED: T Meyer		21/10/15
DESIGNER: C Brandsen		16/10/15
PR ENG: W Snyman 20050166		21/10/15
PROJECT ENG MANAGER: L Padayachee		21/10/15
LOCAL PR ENG:		
CLIENT:		



PROJECT
AMA1 RESETTLEMENT VILLAGE

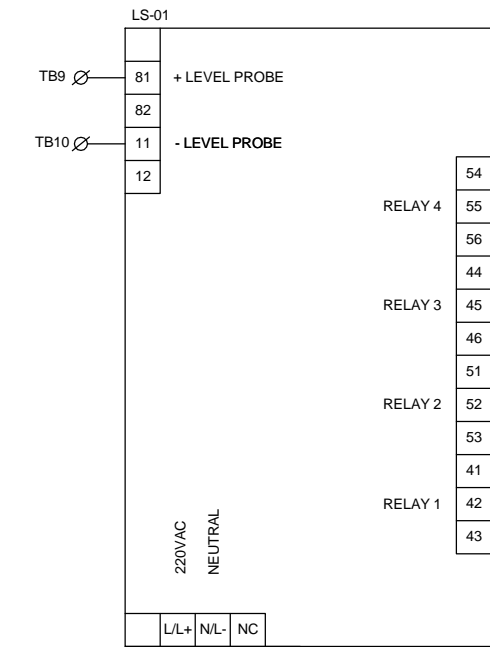
DRAWING DESCRIPTION
Resettlement Village Clinic
Site Power and Lighting
Layout

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0064	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0000-WOR-E02-00026-01	



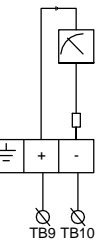
TIMER	RANGE	SETTING
T1	0 - 60 SEC	10 SEC
T2	24 HR	8 HR
T3	0 - 60 SEC	5 SEC
T4	1 - 6 HR	2 HR

LEVEL TRANSMITTER
-
ENDRESS & HAUSER
LT. RIA452



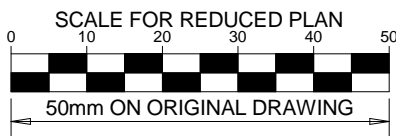
LEVEL PROBE
FMX21

22mm DIAMETER WITH 60m FEP CABLE AND
A 20m MEASURING RANGE



CONTROL LEGEND

- SINGLE POLE NORMALLY OPEN CONTACT
- SINGLE POLE NORMALLY CLOSED CONTACT
- SINGLE POLE DOUBLE THROUGH CONTACT
- SINGLE POLE NORMALLY OPEN PUSH BUTTON SWITCH
- SINGLE POLE NORMALLY CLOSED PUSH BUTTON SWITCH
- SINGLE POLE CIRCUIT BREAKER
- DOUBLE POLE CIRCUIT BREAKER WITH EARTH LEAKAGE PROTECTION
- TRIPLE POLE CIRCUIT BREAKER WITH EARTH LEAKAGE PROTECTION
- 3 PHASE VOLT METER
- AMMETER
- 3 PHASE MOTOR
- OVERLOAD DETECTOR
- 10kA SURGE PROTECTOR
- FUSE
- TIMER
- RELAY COIL
- CONTACTOR COIL
- INDICATOR LAMP WITH LETTER DENOTING COLOUR
- INTERLOCK



NOTES

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REVISIONS

NO.	DATE	CHECKED	DONE	DESCRIPTION
A	28/09/15	TM	SB	Issued for Peer Review
B	28/09/15	TM	SB	Issued for Detailed Design
C	02/10/15	TM	SB	Issued for Squad Check
D	16/10/15	TM	CB	Issued for Client Review
E	17/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction



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WorleyParsons RSA (Pty) Ltd.

NAME	SIGNATURE	DATE
DRAWN BY: T Meyer		31/07/15
CHECKED: W Snyman		02/10/15
DESIGNER: T Meyer		02/10/15
PR ENG: W Snyman 20050166		02/10/15
PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT

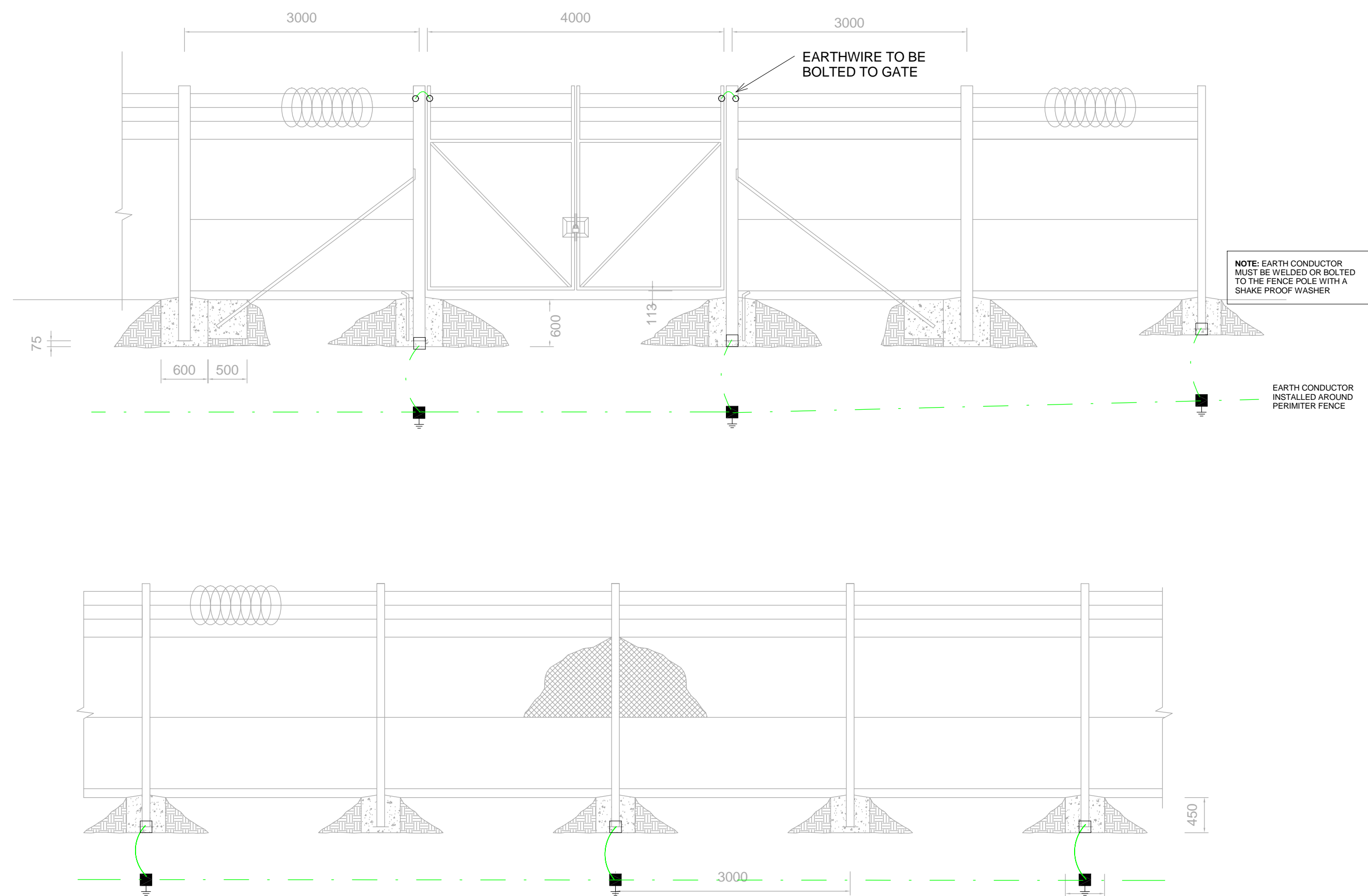


PROJECT
AMA1 RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION

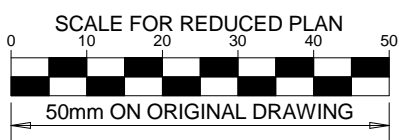
Resettlement Village Well
Field Control System

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0041	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0000-WOR-E02-00025-01	



1 Earthing Layout - Well Fence
1 : 50

EARTHING LEGEND	
	CADWELDED CONNECTION
	3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
	DOWN CONDUCTOR
	70MM² BARE COPPER EARTH WIRE




- NOTES**
1. BARE COPPER EARTH WIRE INSTALLED 1.5M FROM FENCE AND 0.6M BELOW FINISHED GROUND LEVEL.
 2. LIGHTNING PROTECTION SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A CERTIFIED LIGHTNING PROTECTION COMPANY AND LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE CERTIFIED FOR USE IN LIGHTNING PROTECTION SYSTEMS
 3. A MINIMUM OF TWO 70mm² BONDING CONDUCTOR CONNECTIONS SHALL BE MADE TO ADJACENT AREA STRUCTURE EARTHING LOOPS
 4. SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DES-0001-001	Typical Drawings Sheet 1
EA-MZ-CI0000-WOR-E02-00027-01	

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REVISIONS				
NO.	DATE	CHECKED BY	DONE BY	DESCRIPTION
A	28/09/15	TM	SB	Issued for Peer Review
B	28/09/15	TM	SB	Issued for Detailed Design
C	14/10/15	TM	SB	Issued for Squad Check
D	16/10/15	TM	CB	Issued for Client Review
E	17/11/15	TM	CB	Issued for Client Approval
0	04/12/15	TM	SB	Issued for Construction

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DESIGNER:	C Brandsen		02/10/15
PR ENG:	W Snyman 20050166		02/10/15
PROJECT ENG MANAGER:	L Padayachee		02/10/15
LOCAL PR ENG:			
CLIENT:			

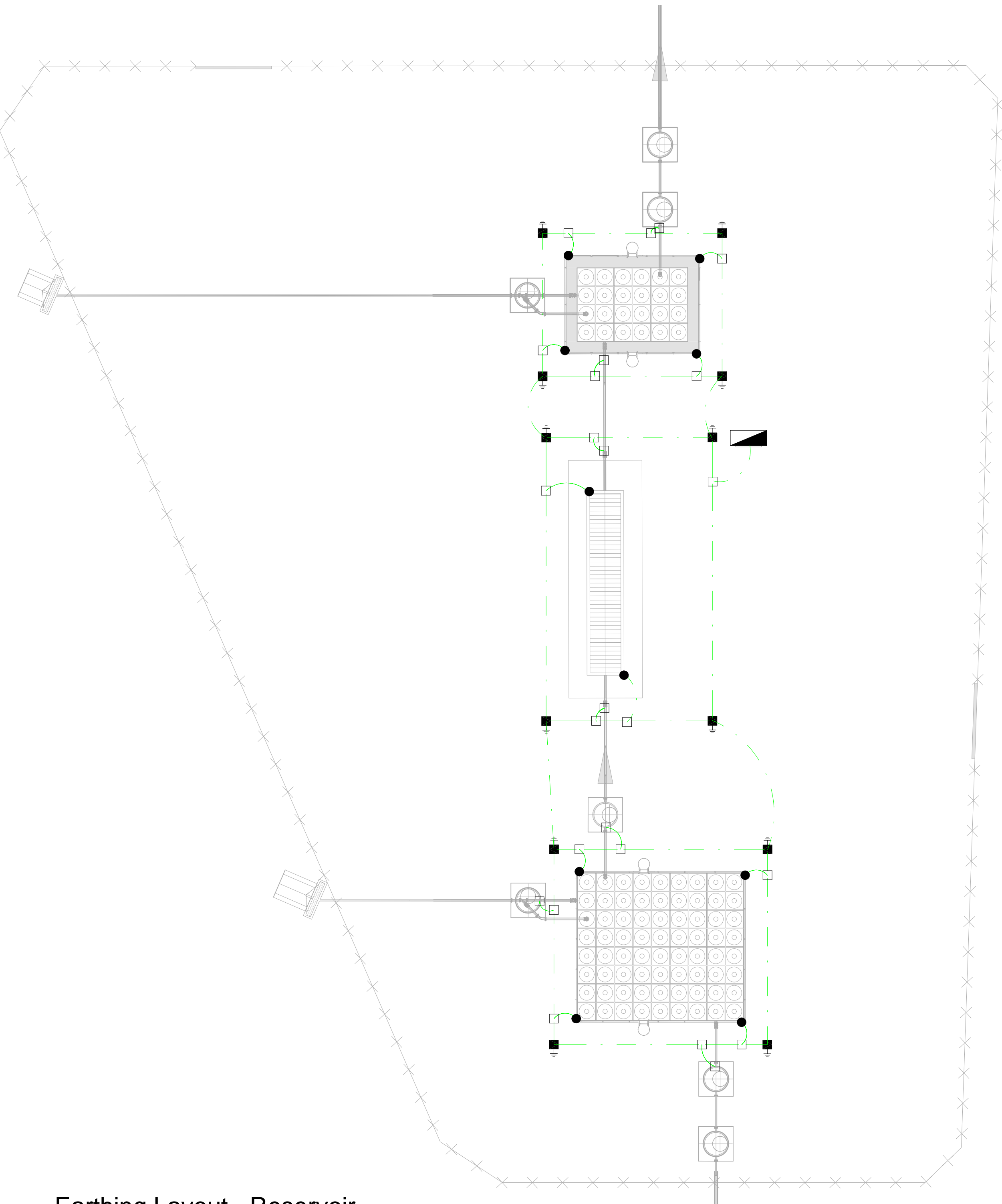


PROJECT	
AMA1 RESETTLEMENT VILLAGE	
DRAWING DESCRIPTION	
Resettlement Village Well Fence Earthing	
SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0043	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0000-WOR-E02-00024-01	

1

Earthing Layout - Reservoir

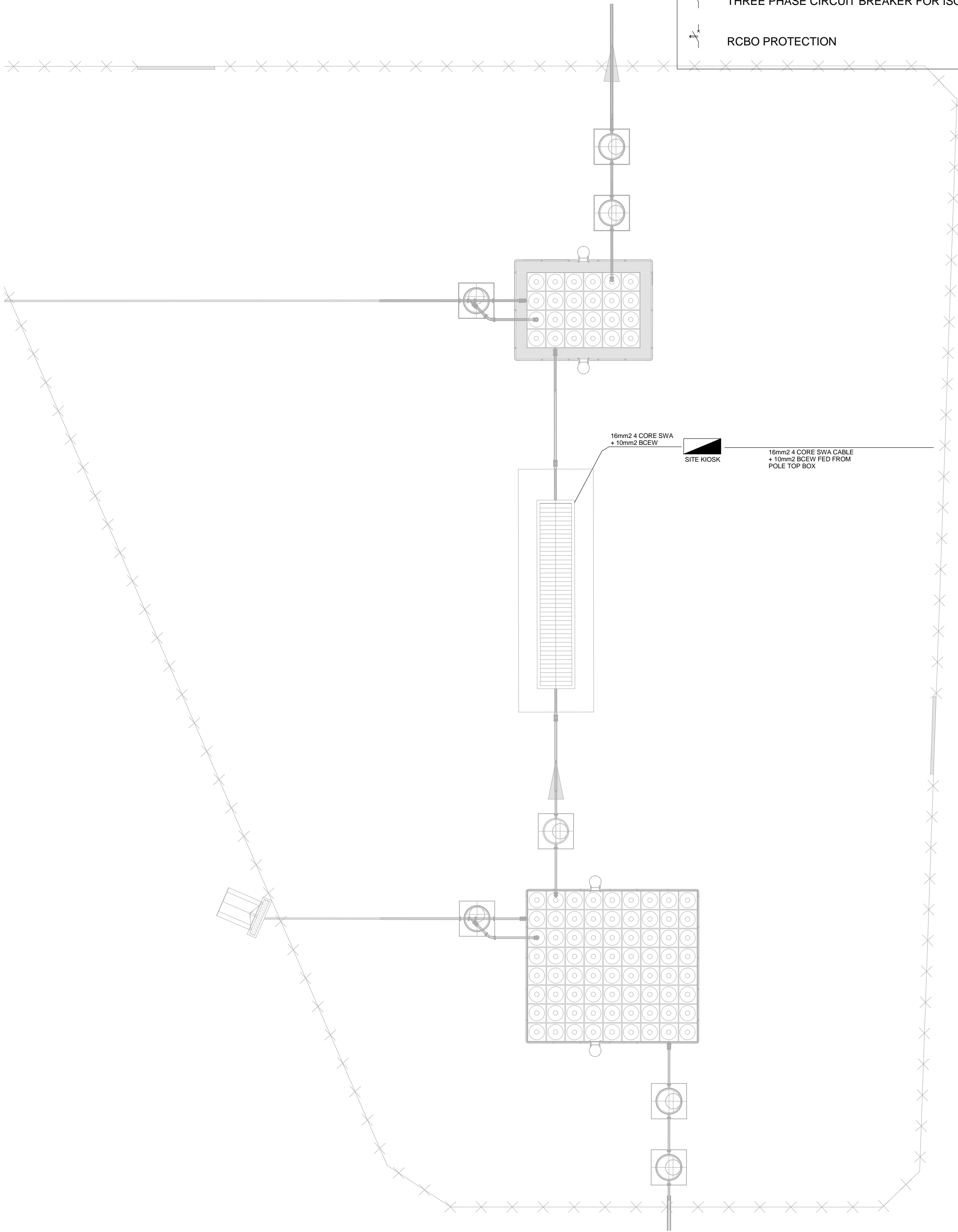
1 : 200



2

Power Layout - Reservoir

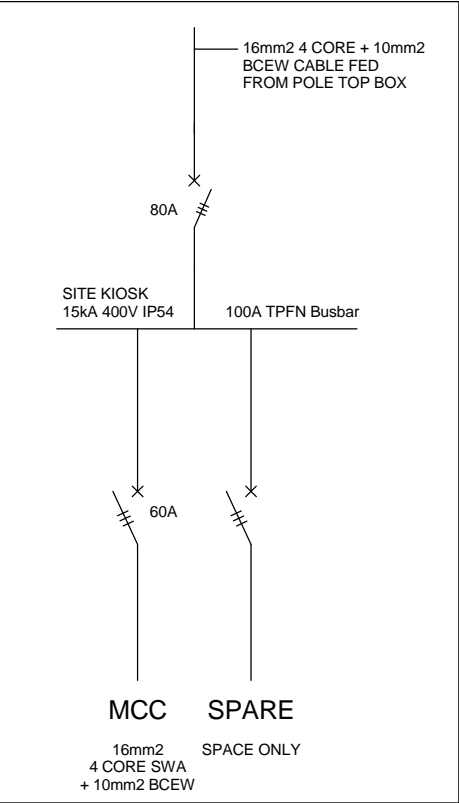
1 : 200



3

Schematic - Reservoir Site Kiosk

1 : 20



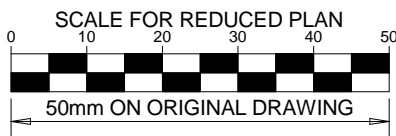
EARTHING LEGEND

- CADWELDED CONNECTION
- 3M EARTH ELECTRODE WITH CADWELDED CONNECTION DRIVEN INTO EARTH A MINIMUM OF 3M
- DOWN CONDUCTOR
- 70MM2 BARE COPPER EARTH WIRE

SEE DRAWING C00290-00-EL-DES-0001 FOR EARTHING TYPICAL DRAWINGS

SCHEMATICS LEGEND

- SINGLE PHASE SWITCH
- SINGLE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
- SINGLE PHASE SWITCH DISCONNECTOR
- SINGLE PHASE CIRCUIT BREAKER
- SINGLE PHASE CIRCUIT BREAKER FOR ISOLATION
- THREE PHASE SWITCH
- THREE PHASE DISCONNECTOR (OFF LOAD ISOLATOR)
- THREE PHASE SWITCH DISCONNECTOR
- THREE PHASE CIRCUIT BREAKER
- THREE PHASE CIRCUIT BREAKER FOR ISOLATION
- RCBO PROTECTION



NOTES

- EARTH RING CONDUCTOR MUST BE INSTALLED A MINIMUM OF 1.5M FROM THE NEAREST WALL AND BURIED AT A MINIMUM DEPTH OF 500mm
- DOWN CONDUCTORS FITTED TO STRUCTURES WILL BE DONE AS FOLLOWS:
 - A) SCREWED TO EARTHING TABS WELDED ONTO METAL STRUCTURES FOR THE PUPOSE OF EARTHING.
 - B) CADWELDED TO PROVIDE A PERMANENT FIXING METHOD.
- POWER CABLES SHALL BE BURIED DIRECTLY AT A MINIMUM OF 600mm BELOW GRADE

DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
C00290-00-EL-DAL-0005	Site Electrical Reticulation – MV (Overview)
C00290-00-EL-DES-0001-001	Typical Drawings Sheet 1
EA-MZ-CI0000-WOR-E02-00027-01	


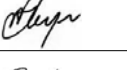
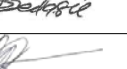
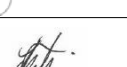
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PROJECT ENG MANAGER: L Padayachee		02/10/15
LOCAL PR ENG:		
CLIENT:		

CLIENT

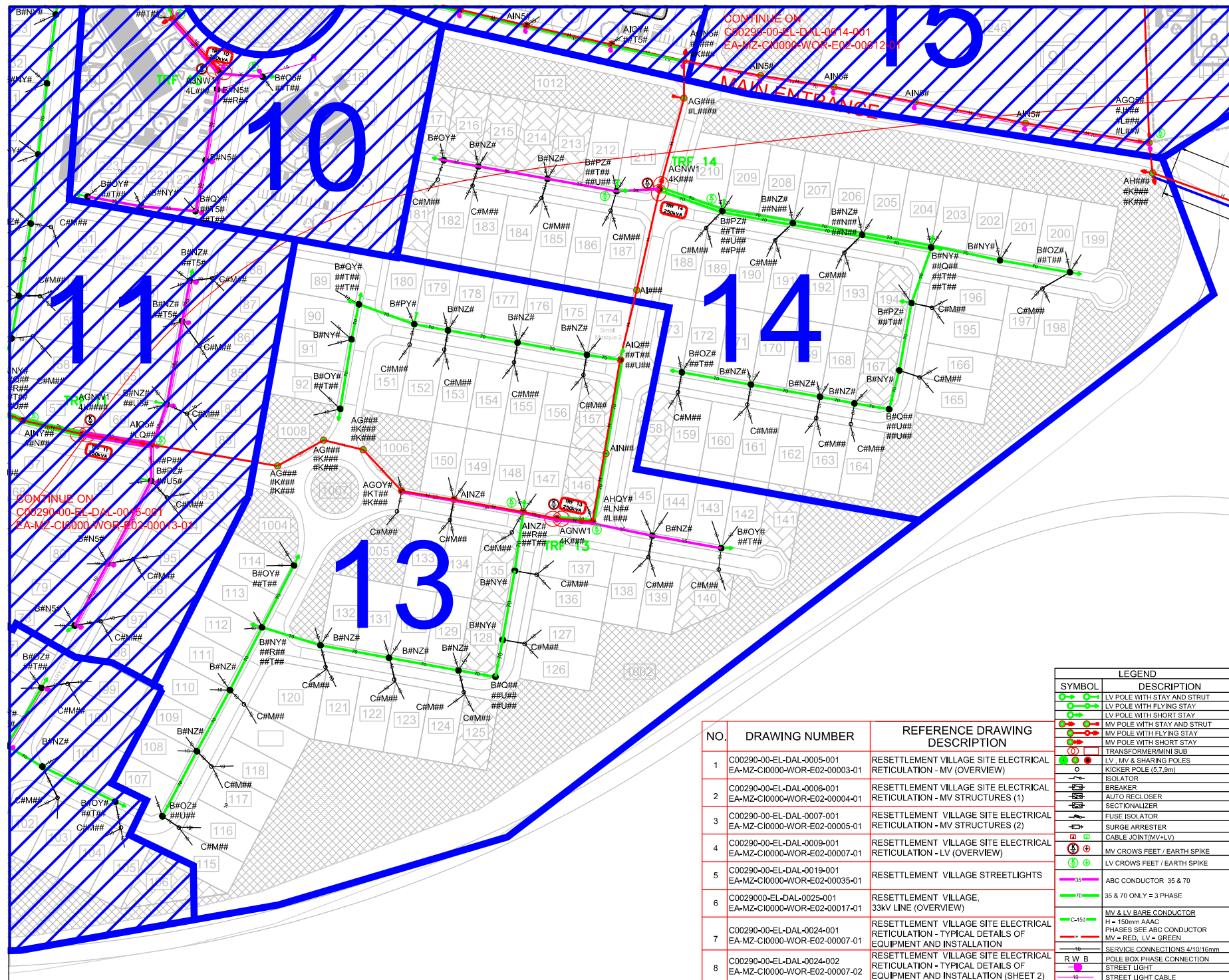


PROJECT
AMA1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION

Resettlement Village
Reservoir Power and
Earthing Installation

SCALE As indicated ORIGINAL DWG SIZE A1	DATE DECEMBER 2015
DRAWING NUMBER C00290-00-EL-DAL-0042	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0000-WOR-E02-00023-01	



NOTES

1. FOR POLE STRUCTURE CODES REFER TO C00290-00-EL-DAL-0006-001
EA-MZ-CI0000-WOR-E02-00004-01

KEYPLAN
SCALE: N.T.S.

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B	23/07/15	TM	ISSUED FOR DETAILED DESIGN
C	17/08/15	TM	ISSUED FOR SQUAD CHECK
D	20/09/15	GM	ISSUED FOR CLIENT REVIEW
E	20/09/15	GM	ISSUED FOR CLIENT APPROVAL
F	03/12/15	TM	ISSUED FOR CONSTRUCTION

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PR. ENG.: J Pretorius		30/09/2015
PROJECT ENG. MANAGER: L Padayachee		30/09/2015
LOCAL PR. ENG.:		
CLIENT:		

LEGEND

SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	LV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	TRANSFORMER/MINI SUB
	LV, MV & SHARING POLES
	KICKER POLE (5.7.9m)
	ISOLATOR
	BREAKER
	AUTO RECLOSER
	SECTIONALIZER
	FUSE ISOLATOR
	SURGE ARRESTER
	CABLE JOINT (MV-LV)
	MV CROWS FEET / EARTH SPIKE
	LV CROWS FEET / EARTH SPIKE
	ABC CONDUCTOR 35 & 70
	35 & 70 ONLY = 3 PHASE
	MV & LV BARE CONDUCTOR
	150mm AAC CONDUCTOR
	MV = RED, LV = GREEN
	SERVICE CONNECTIONS 4/10/16mm
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE

NO.	DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
1	C00290-00-EL-DAL-0005-001 EA-MZ-CI0000-WOR-E02-00003-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV (OVERVIEW)
2	C00290-00-EL-DAL-0006-001 EA-MZ-CI0000-WOR-E02-00004-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (1)
3	C00290-00-EL-DAL-0007-001 EA-MZ-CI0000-WOR-E02-00005-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (2)
4	C00290-00-EL-DAL-0009-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (OVERVIEW)
5	C00290-00-EL-DAL-0019-001 EA-MZ-CI0000-WOR-E02-00035-01	RESETTLEMENT VILLAGE STREETLIGHTS
6	C0029000-EL-DAL-0025-001 EA-MZ-CI0000-WOR-E02-00017-01	RESETTLEMENT VILLAGE, 33kV LINE (OVERVIEW)
7	C00290-00-EL-DAL-0024-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION
8	C00290-00-EL-DAL-0024-002 EA-MZ-CI0000-WOR-E02-00007-02	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION (SHEET 2)

MOZAMBIQUE
GAS DEVELOPMENT PROJECT

Anadarko
Mozambique Area 1, Ltd.

PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**RESETTLEMENT VILLAGE
SITE ELECTRICAL
RETICULATION -
LV (ZONE 13 + 14)**

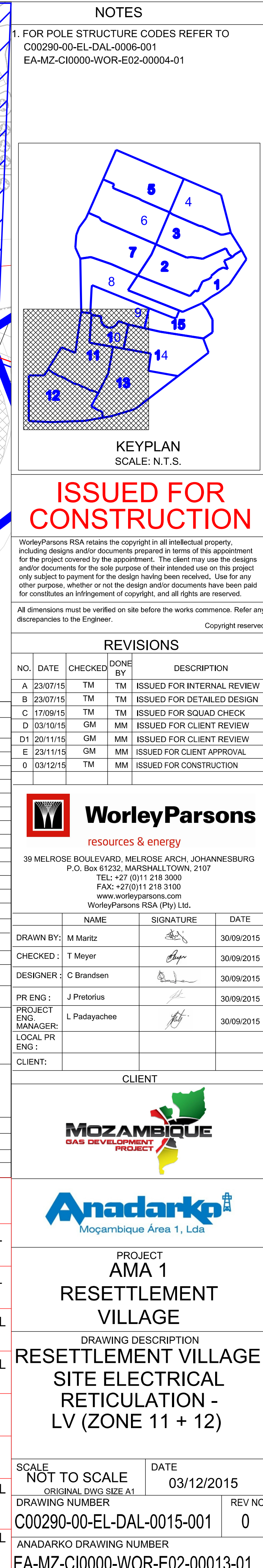
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ORIGINAL: 1/1000 SCALE A1

DATE: 03/12/2015

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ANADARKO DRAWING NUMBER: EA-MZ-CI0000-WOR-E02-00015-01

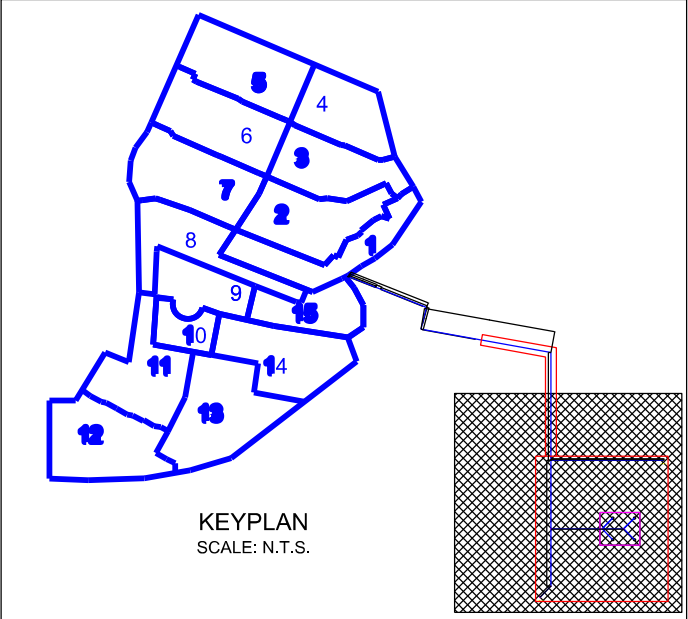
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CONTINUE ON
C00290-00-EL-DAL-0014-002
EA-MZ-CI0000-WOR-E02-00012-02

LNG-W003

LNG-W004



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D	03/10/15	GM	MM	ISSUED FOR CLIENT REVIEW
D1	20/11/15	GM	MM	ISSUED FOR CLIENT REVIEW
E	23/11/15	GM	MM	ISSUED FOR CLIENT APPROVAL
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	NAME	SIGNATURE	DATE
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CHECKED :	T Meyer		30/09/2015
DESIGNER :	C Brandsen		30/09/2015
PR ENG :	J Pretorius		30/09/2015
PROJECT ENG. MANAGER:	L Padayachee		30/09/2015
LOCAL PR ENG :			
CLIENT:			

CLIENT



Anadarko
Moçambique Área 1, Lda

PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**RESETTLEMENT VILLAGE
SITE ELECTRICAL
RETICULATION -
LV (ZONE 9 + 10 + 15)
(SHEET 003)**

SCALE
NOT TO SCALE
ORIGINAL DWG SIZE A1

DATE
03/12/2015




DRAWING NUMBER
C00290-00-EL-DAL-0014-003

REV NO
0

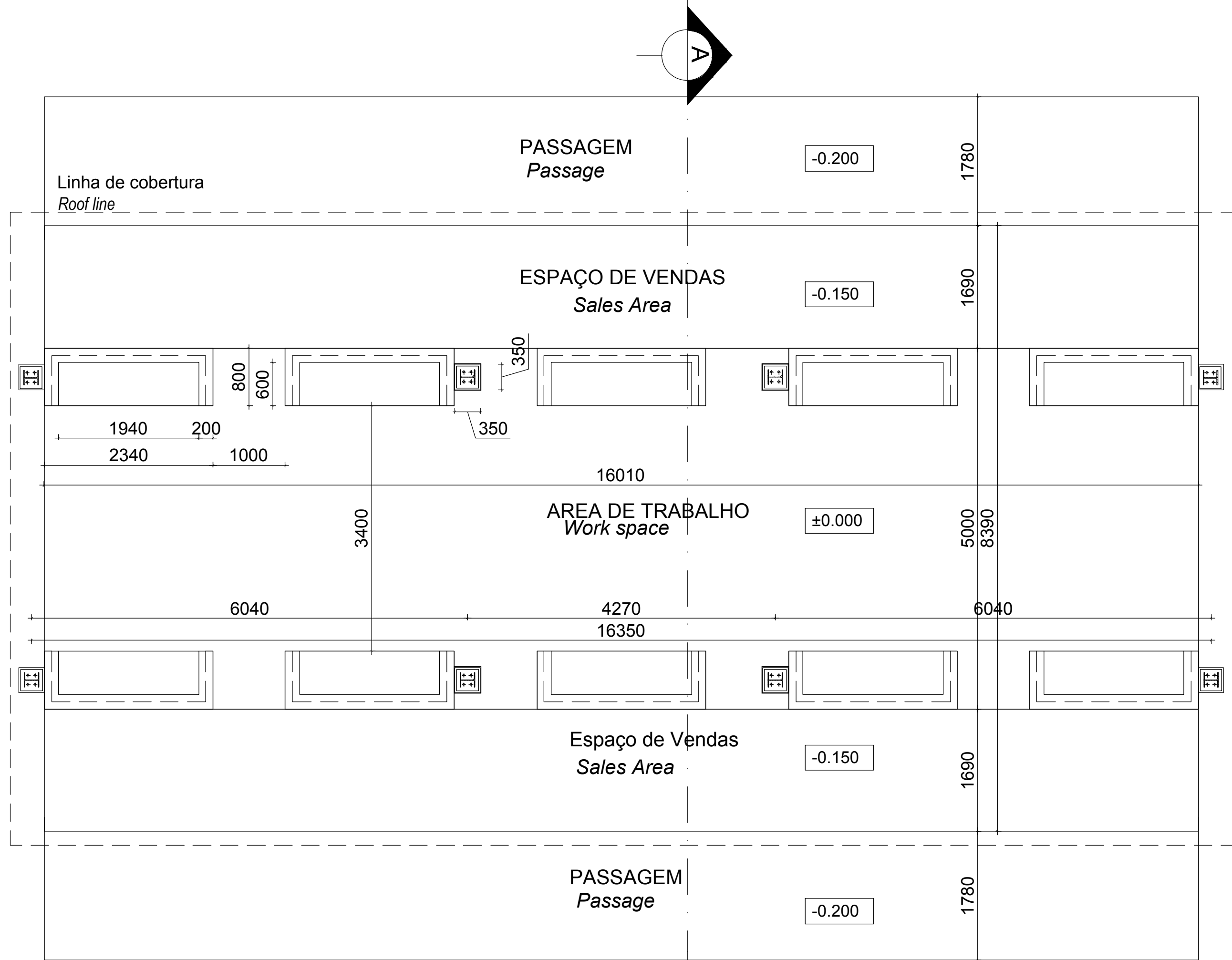
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EA-MZ-CI0000-WOR-E02-00012-03

NO.	DRAWING NUMBER	REFERENCE DRAWING DESCRIPTION
1	C00290-00-EL-DAL-0005-001 EA-MZ-CI0000-WOR-E02-00003-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV (OVERVIEW)
2	C00290-00-EL-DAL-0006-001 EA-MZ-CI0000-WOR-E02-00004-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (1)
3	C00290-00-EL-DAL-0007-001 EA-MZ-CI0000-WOR-E02-00005-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - MV STRUCTURES (2)
4	C00290-00-EL-DAL-0009-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - LV (OVERVIEW)
5	C00290-00-EL-DAL-0019-001 EA-MZ-CI0000-WOR-E02-00035-01	RESETTLEMENT VILLAGE STREETLIGHTS
6	C0029000-EL-DAL-0025-001 EA-MZ-CI0000-WOR-E02-00017-01	RESETTLEMENT VILLAGE, 33kV LINE (OVERVIEW)
7	C00290-00-EL-DAL-0024-001 EA-MZ-CI0000-WOR-E02-00007-01	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION
8	C00290-00-EL-DAL-0024-002 EA-MZ-CI0000-WOR-E02-00007-02	RESETTLEMENT VILLAGE SITE ELECTRICAL RETICULATION - TYPICAL DETAILS OF EQUIPMENT AND INSTALLATION (SHEET 2)
9	C00290-00-EL-DAL-0014-001/3 EA-MZ-CI0000-WOR-E02-00012-01/02	RESETTLEMENT VILLAGE, LV (ZONE 9 + 10 + 15) SHEETS 1 & 2

LEGEND	
SYMBOL	DESCRIPTION
	LV POLE WITH STAY AND STRUT
	LV POLE WITH FLYING STAY
	LV POLE WITH SHORT STAY
	MV POLE WITH STAY AND STRUT
	MV POLE WITH FLYING STAY
	MV POLE WITH SHORT STAY
	TRANSFORMER/MINI SUB
	LV , MV & SHARING POLES
	KICKER POLE (5,7,9m)
	ISOLATOR
	BREAKER
	AUTO RECLOSER
	SECTIONALIZER
	FUSE ISOLATOR
	SURGE ARRESTER
	CABLE JOINT(MV+LV)
	MV CROWS FEET / EARTH SPIKE
	LV CROWS FEET / EARTH SPIKE
	ABC CONDUCTOR 35 & 70
	35 & 70 ONLY = 3 PHASE
	MV & LV BARE CONDUCTOR
	H = 150mm AAAC
	PHASES SEE ABC CONDUCTOR
	MV = RED, LV = GREEN
	SERVICE CONNECTIONS 4/10/16mm
	POLE BOX PHASE CONNECTION
	STREET LIGHT
	STREET LIGHT CABLE

	<i>Mozambique Gas Development</i>		 Moçambique Área 1, Lda 
	Resettlement Plan		
	Annex I: Construction drawings		
	Rev. 1	Rev Date: 27-May-16	

9. MARKET

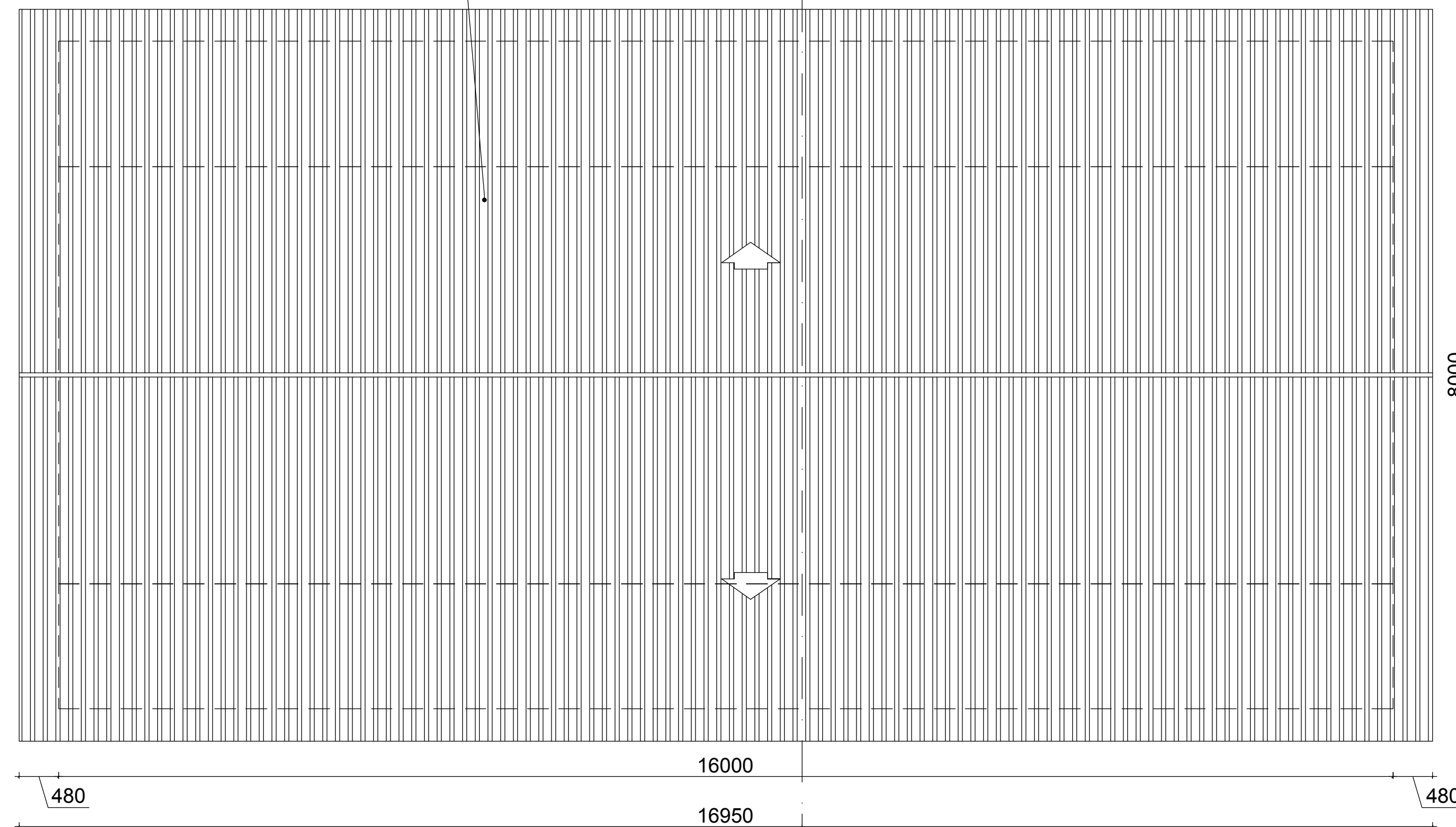


PLANTA DO PISO
Floor plan

Escala/Scale 1:50

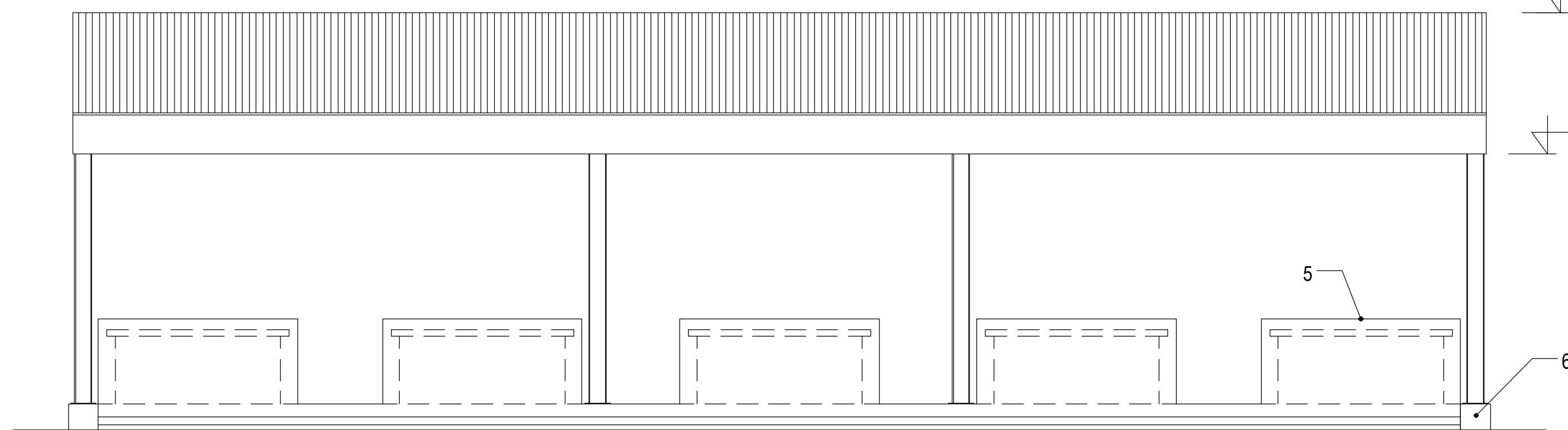
Cobertura em Chapas metálicas
esmaltadas com perfil IBR

*Metal roof enameled sheeting with
IBR profile*



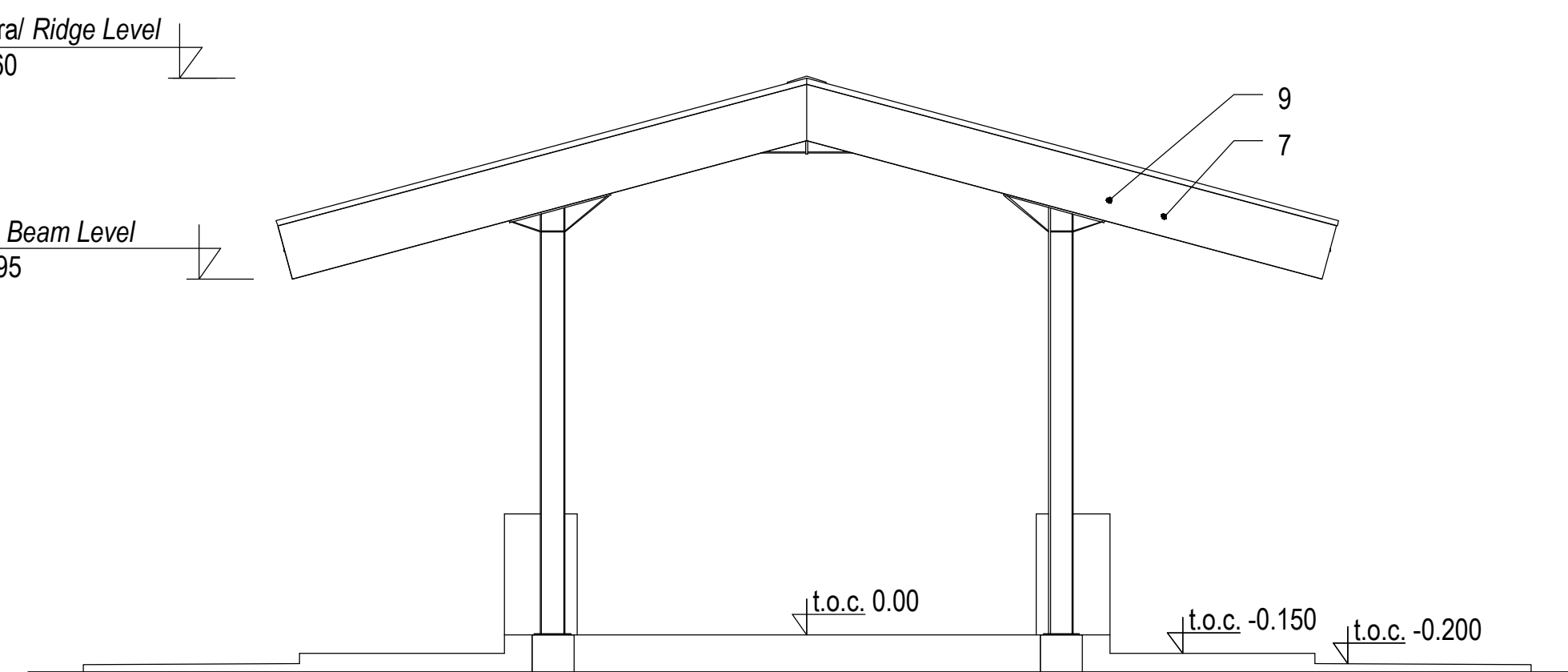
PLANTA DE COBERTURA
Roof plan

Escala/Scale 1:50



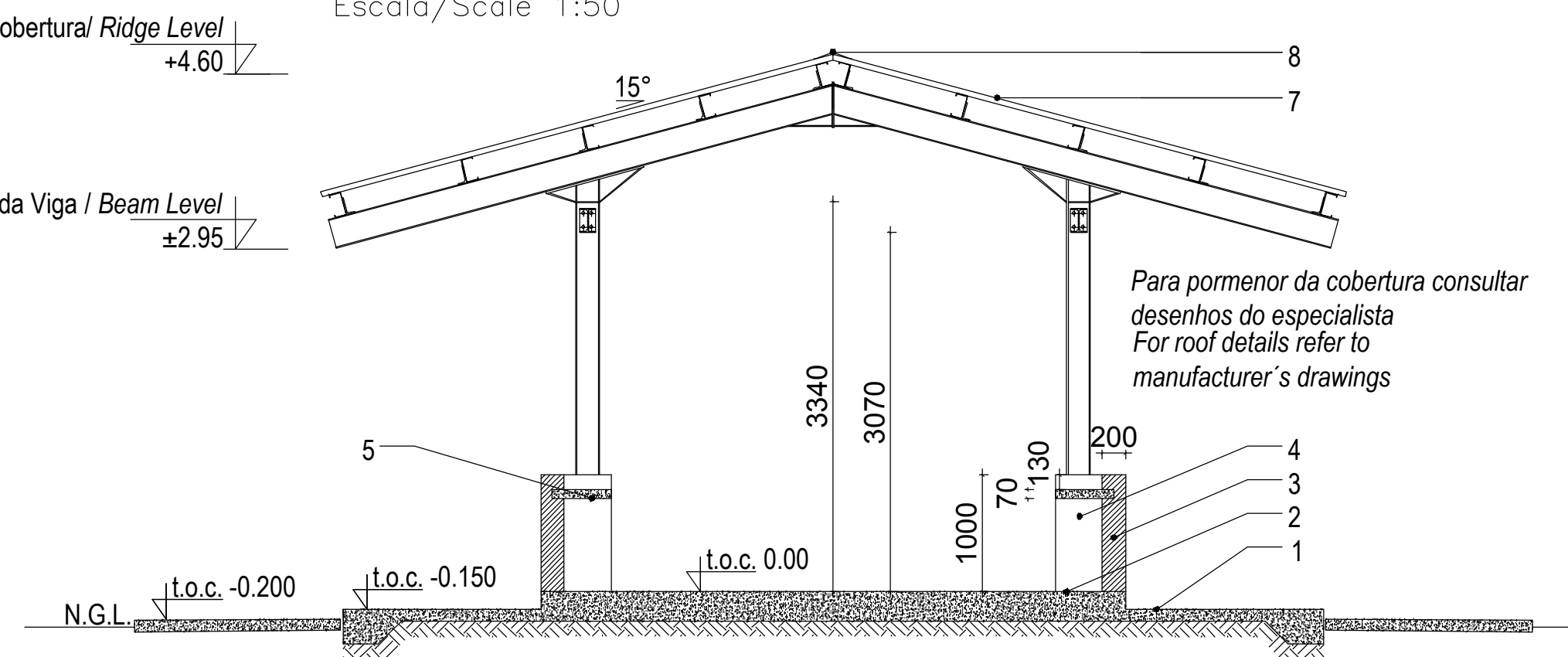
ALCADO FRONTAL
Front elevation

Escala/Scale 1:50



ALCADO LATERAL
Side elevation

Escala/Scale 1:50



Corte A-A
Section A-A

Escala/Scale 1:50

Legenda Key

1_Laje de pavimento em betão

Concrete slab

2_Acabamento do pavimento em cimento queimado

Concrete floor to have power float finish

3_Alvenaria em blocos vazados com espessura de 200mm

Walls in hollow block 200mm wide

4_Parede com reboco liso, pintada a tinta plástica

Wall with plain plaster and PVA painted

5_Bancada em bloco de 200mm com tampo em betao queimado

Vending balcony in 200mm block with stained top

6_Base do pilar em betão, pitado a tinta plástica

Concrete column base, painted with washable PVA paint

7_Cobertura em chapas metálicas esmaltadas com perfil IBR

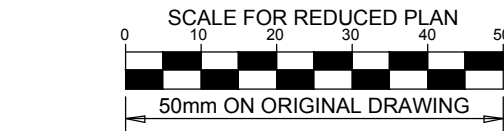
Enameled metallic roof sheeting with IBR profile

8_Cumeeira em chapa esmaltada

Enameled sheet ridge cap

9_Rufo em aço galvanizado

Galvanized steel gable flashing



NOTES

ESTE DESENHO É PARA SER LIDO
EM CONJUNTO COM:

*THIS DRAWINGS IS TO BE READ IN
CONJUNCTION WITH:*

ARCHITECTURAL
EA-MZ-CI0100-WOR-E04-00700-01
EA-MZ-CI0100-WOR-E04-00705-01
EA-MZ-CI0100-WOR-E04-00901-01
EA-MZ-CI0100-WOR-E02-01400-01

STRUCTURAL
EA-MZ-CI0100-WOR-E05-00716-01
EA-MZ-CI0100-WOR-E05-00756-01
EA-MZ-CI0100-WOR-E04-00004-01
EA-MZ-CI0000-WOR-E05-00061-01

WATER
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EA-MZ-CI0100-WOR-E05-00795-02
EA-MZ-CI0100-WOR-E05-00795-03
EA-MZ-CI0100-WOR-E05-00112-01

ELECTRICAL
EA-MZ-CI0100-WOR-E02-00730-01
EA-MZ-CI0100-WOR-E02-00731-01
EA-MZ-CI0100-WOR-E02-00732-01

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D	01/10/15	MM	AP	ISSUED FOR CLIENT REVIEW
E	13/11/15	MM	AP	ISSUED CLIENT APPROVAL
F	25/11/15	MM	AP	ISSUED FOR CONSTRUCTION



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PR ENG :			
PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:			

CLIENT



PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION

MERCADO LAYOUT

MARKET LAYOUT

SCALE
AS SHOWN

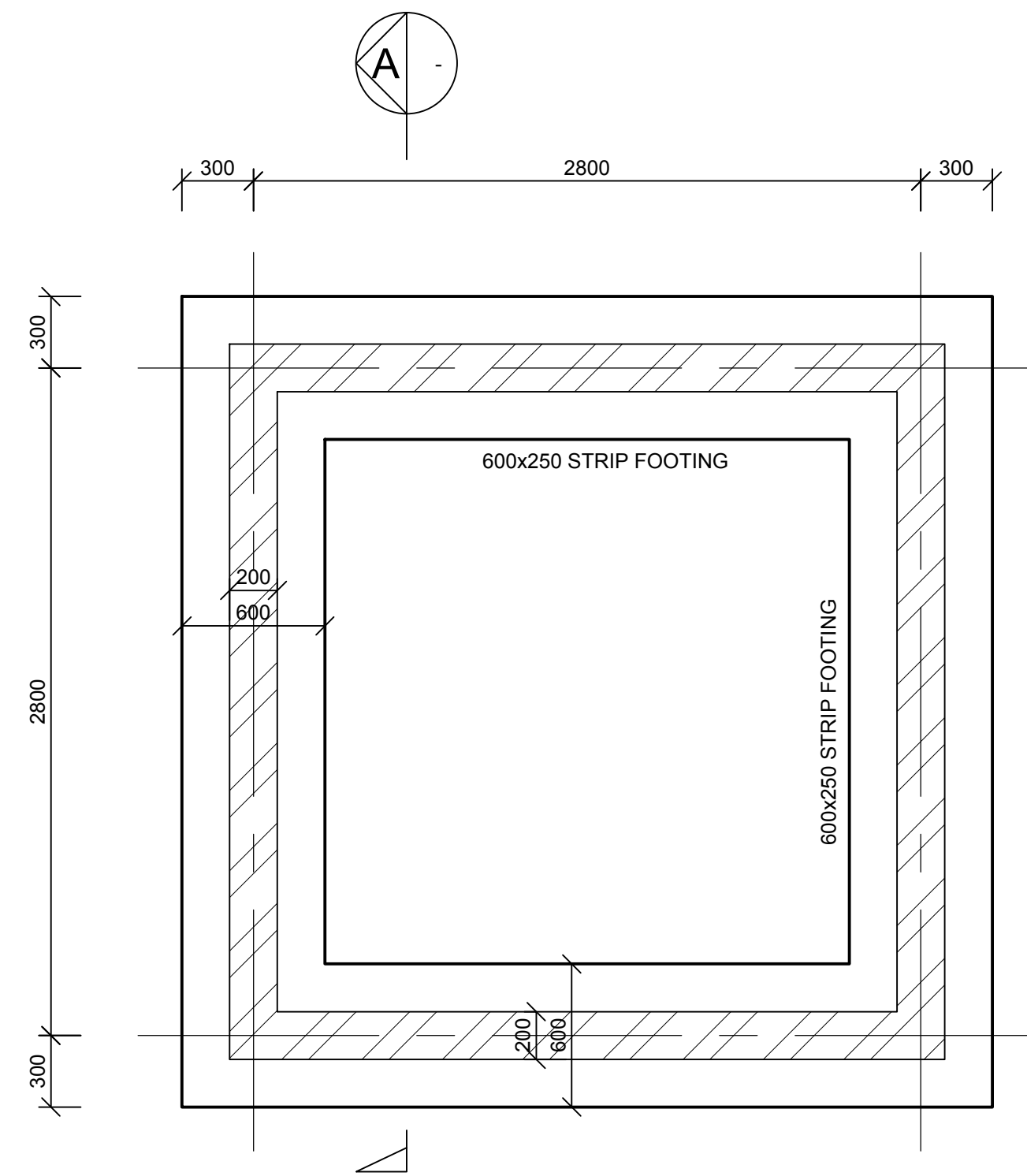
DATE
NOVEMBER 2015

DRAWING NUMBER

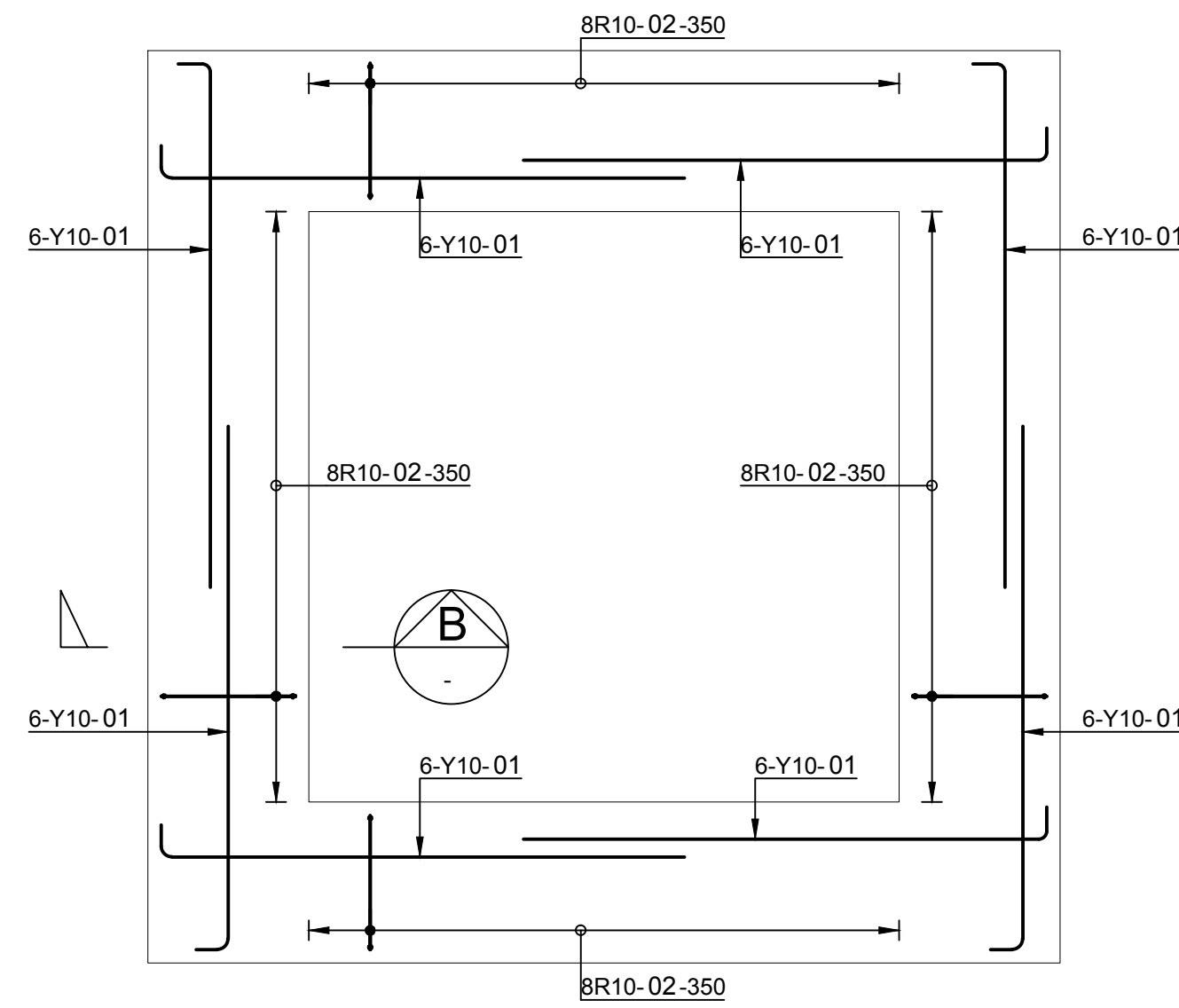
C00290-00-AR-DLP-0021-001

ANADARKO DRAWING NUMBER

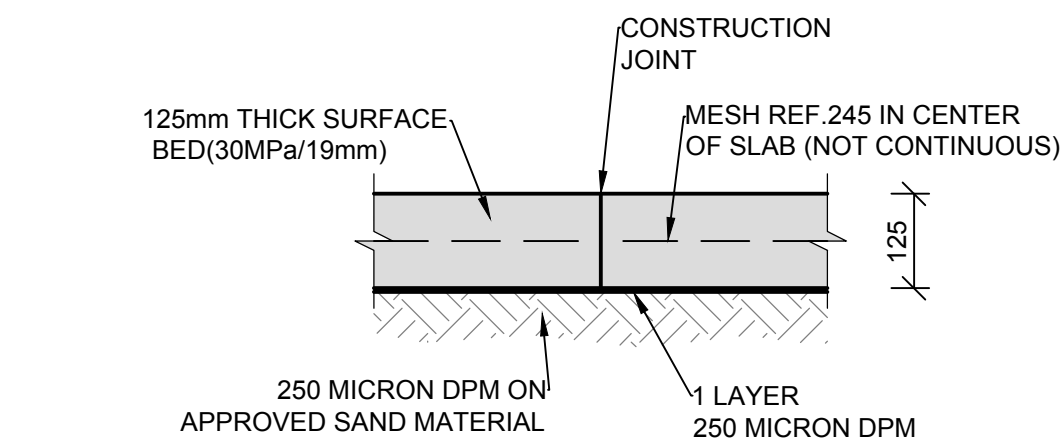
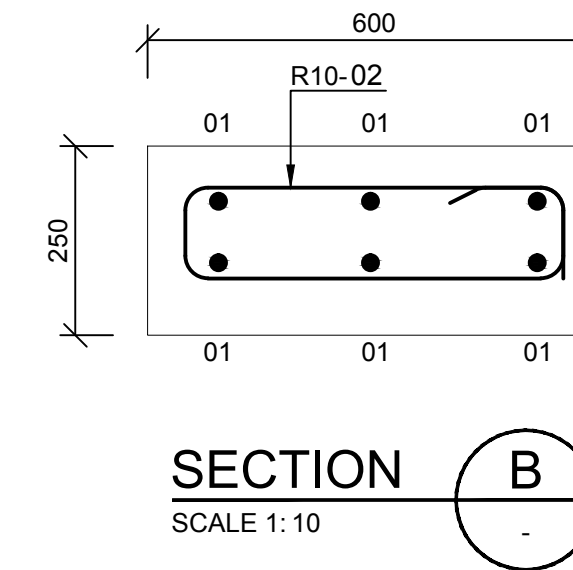
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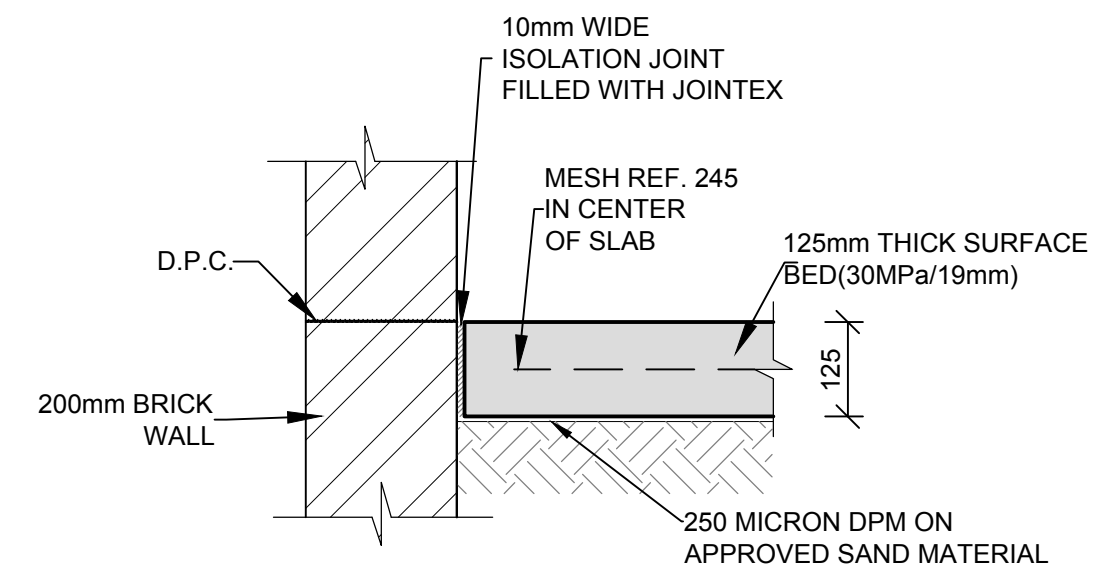
FOUNDATION LAYOUT
SCALE 1 : 25



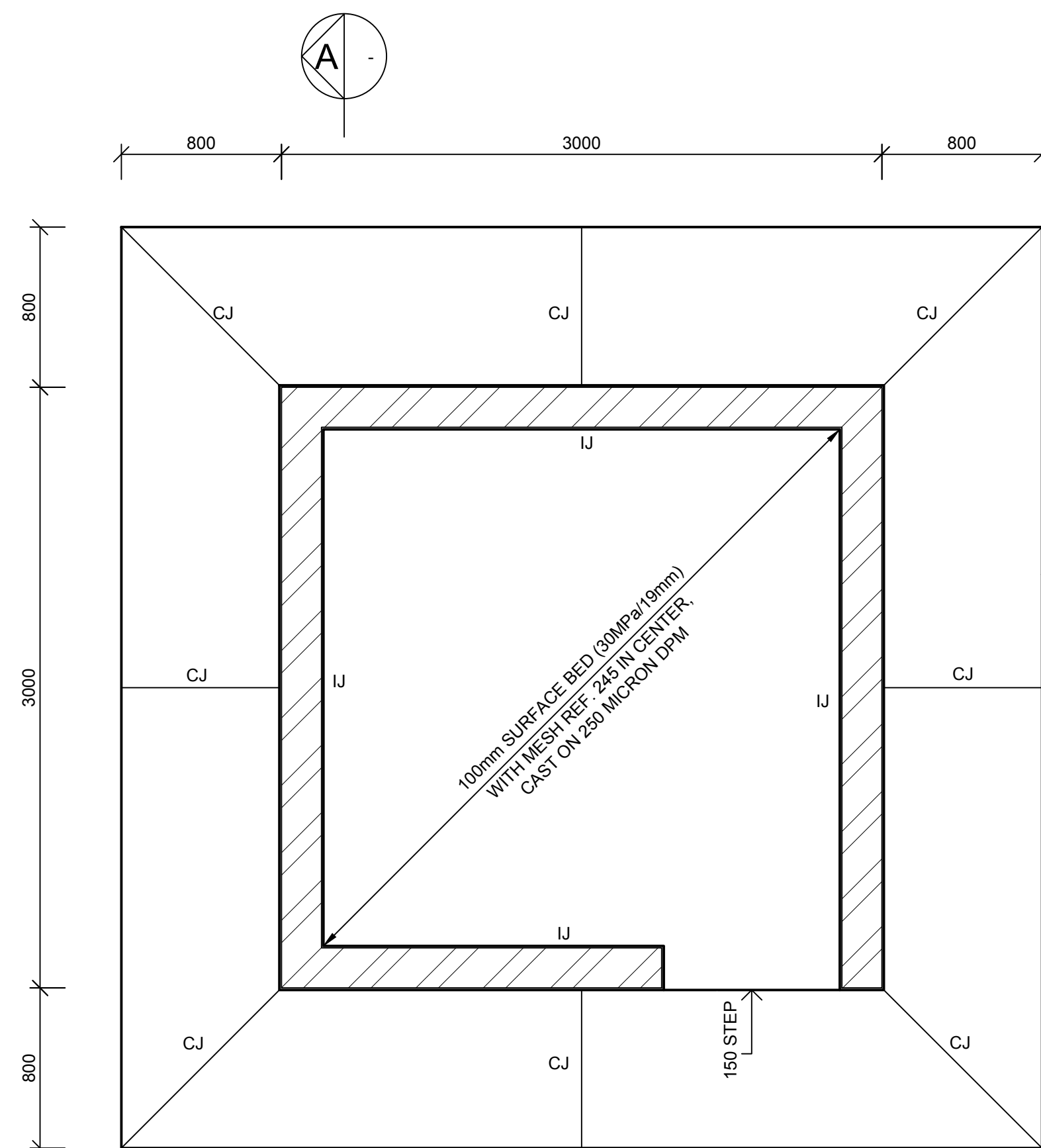
STRIP FOUNDATIONS
REINFORCEMENT
SCALE 1 : 25



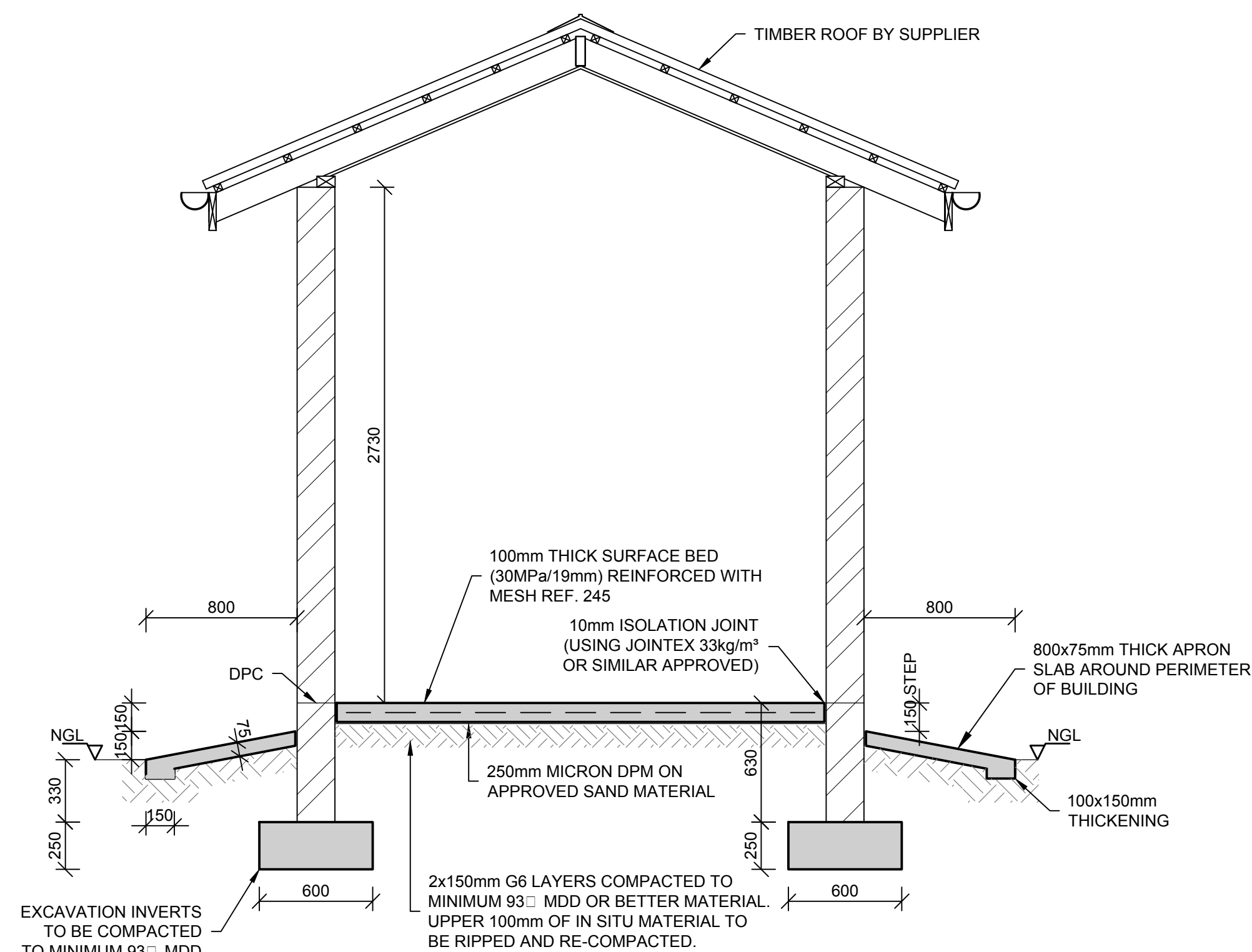
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SCALE 1:10



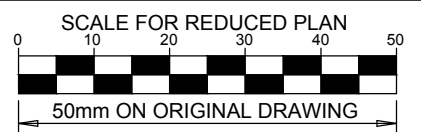
ISOLATION JOINT (I.J.)
SCALE 1:10



SURFACE BED LAYOUT
SCALE 1 : 25



SECTION A
SCALE 1: 25



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI0000-WOR-B18-00001-01
REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E02-01400-01
REFER TO BENDING SCHEDULE 14
ON DRAWING EA-MZ-CI0100-WOR-E05-00062-01

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NO.	DATE	CHECKED	DONE BY	DESCRIPTION
A	17/09/15	TS	NR	ISSUED FOR INTERNAL REVIEW
B	21/09/15	TS	NR	ISSUED FOR DETAIL DESIGN
C	21/09/15	TS	NR	ISSUED FOR SQUAD CHECK
D	29/09/15	TS	NR	ISSUED FOR CLIENT REVIEW
E	17/11/15	TS	NR	ISSUED FOR CLIENT APPROVAL
O	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION



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NAME	SIGNATURE	DATE
DRAWN BY: N ROBINSON	<i>N Robinson</i>	03/12/15
CHECKED: T SNYDERS	<i>T Snyder</i>	03/12/15
DESIGNER: T SNYDERS	<i>T Snyder</i>	03/12/15
PR ENG: I ROBINSON	<i>I Robinson</i>	03/12/15
PROJECT ENG. MANAGER L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG:		
CLIENT:		

CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION

MARKET -
ADMINISTRATION
BUILDING

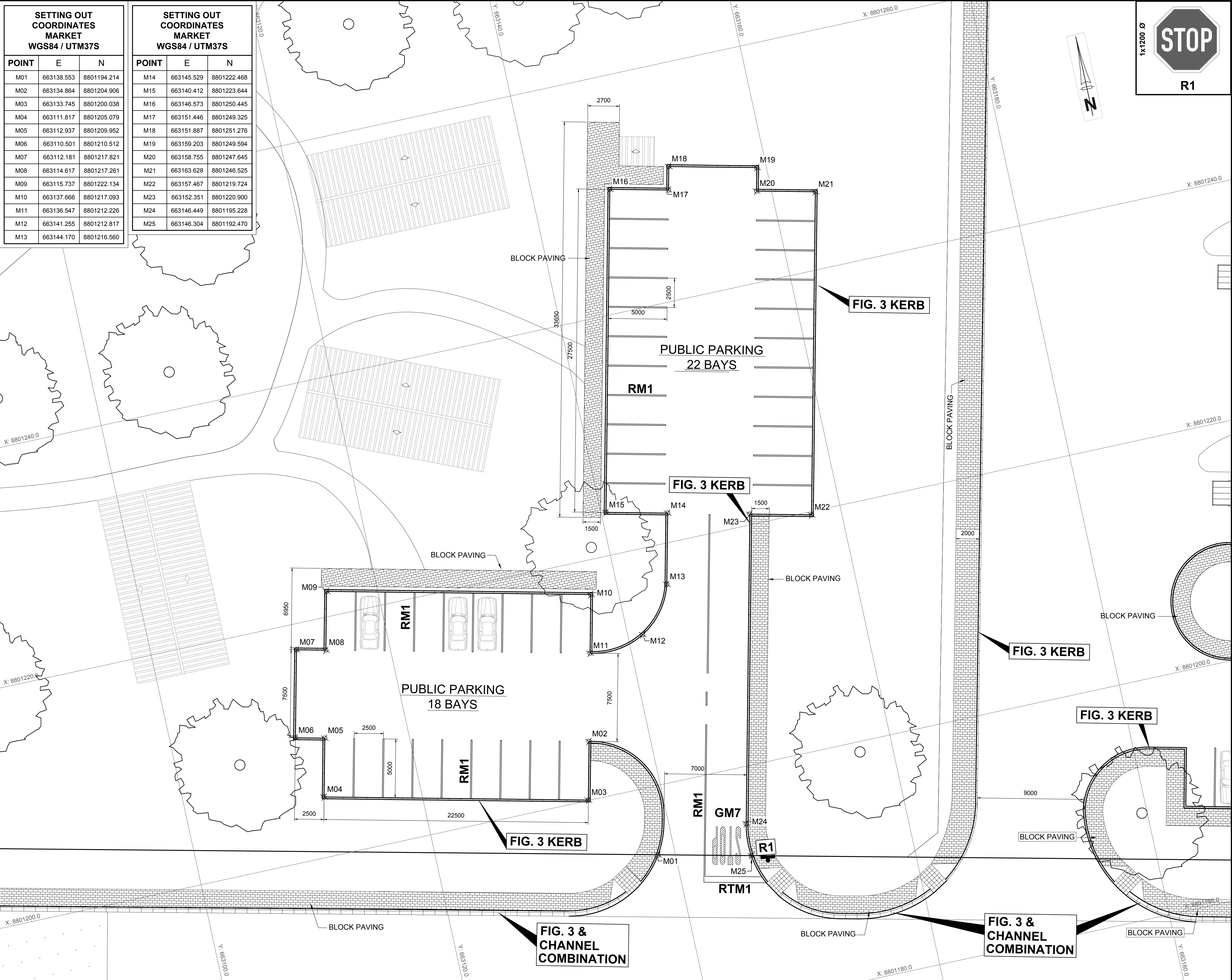
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ORIGINAL DWG SIZE A1

DRAWING NUMBER C00290-00-ST-DAL-0025-001 REV NO 0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E04-00004-01

SETTING OUT COORDINATES MARKET WGS84 / UTM37S		
POINT	E	N
M01	663138.553	8801194.214
M02	663134.864	8801204.906
M03	663133.745	8801200.038
M04	663111.817	8801205.079
M05	663112.937	8801209.952
M06	663110.501	8801210.512
M07	663112.181	8801217.821
M08	663114.617	8801217.261
M09	663115.737	8801222.134
M10	663137.666	8801217.093
M11	663136.547	8801212.226
M12	663141.255	8801212.817
M13	663144.170	8801216.560

SETTING OUT COORDINATES MARKET WGS84 / UTM37S		
POINT	E	N
M14	663145.529	8801222.468
M15	663140.412	8801223.644
M16	663146.573	8801250.445
M17	663151.446	8801249.325
M18	663151.887	8801251.276
M19	663159.203	8801249.594
M20	663158.755	8801247.645
M21	663163.628	8801246.525
M22	663157.467	8801219.724
M23	663152.351	8801220.900
M24	663146.449	8801195.228
M25	663146.304	8801192.470



SCALE FOR REDUCED PLAN
0 10 20 30 40 50
50mm ON ORIGINAL DRAWING

NOTES

LEGEND

RM1 = 100 mm WIDTH
RTM1 = 500 mm WIDTH

REFERENCE DWG's No:
1. EA-MZ-CI000-WOR-E05-00016-06

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REVISIONS

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A	04/08/15	D. d T.	A.U.	ISSUED FOR INTERNAL REVIEW
B	09/09/15	D. d T.	A.U.	ISSUED FOR DETAIL DESIGN
C	28/09/15	D. d T.	A.U.	ISSUED FOR SQUAD CHECK
D	13/10/15	D. d T.	A.U.	ISSUED FOR CLIENT REVIEW
E	30/10/15	D. d T.	A.U.	ISSUED FOR CLIENT APPROVAL
0	01/12/15	D. d T.	A.U.	ISSUED FOR CONSTRUCTION

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NAME	SIGNATURE	DATE
DRAWN BY: A. LJUMA		01/12/2015
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DESIGNER: R. van SCHALKWYK		01/12/2015
PR ENG: D. du TOIT Pr. No. 201170110		01/12/2015
PROJECT ENG. MANAGER: L. PADAYACHEE Pr. No.		01/12/2015
LOCAL PR ENG:		
CLIENT:		

MOZAMBIQUE
GAS DEVELOPMENT PROJECT

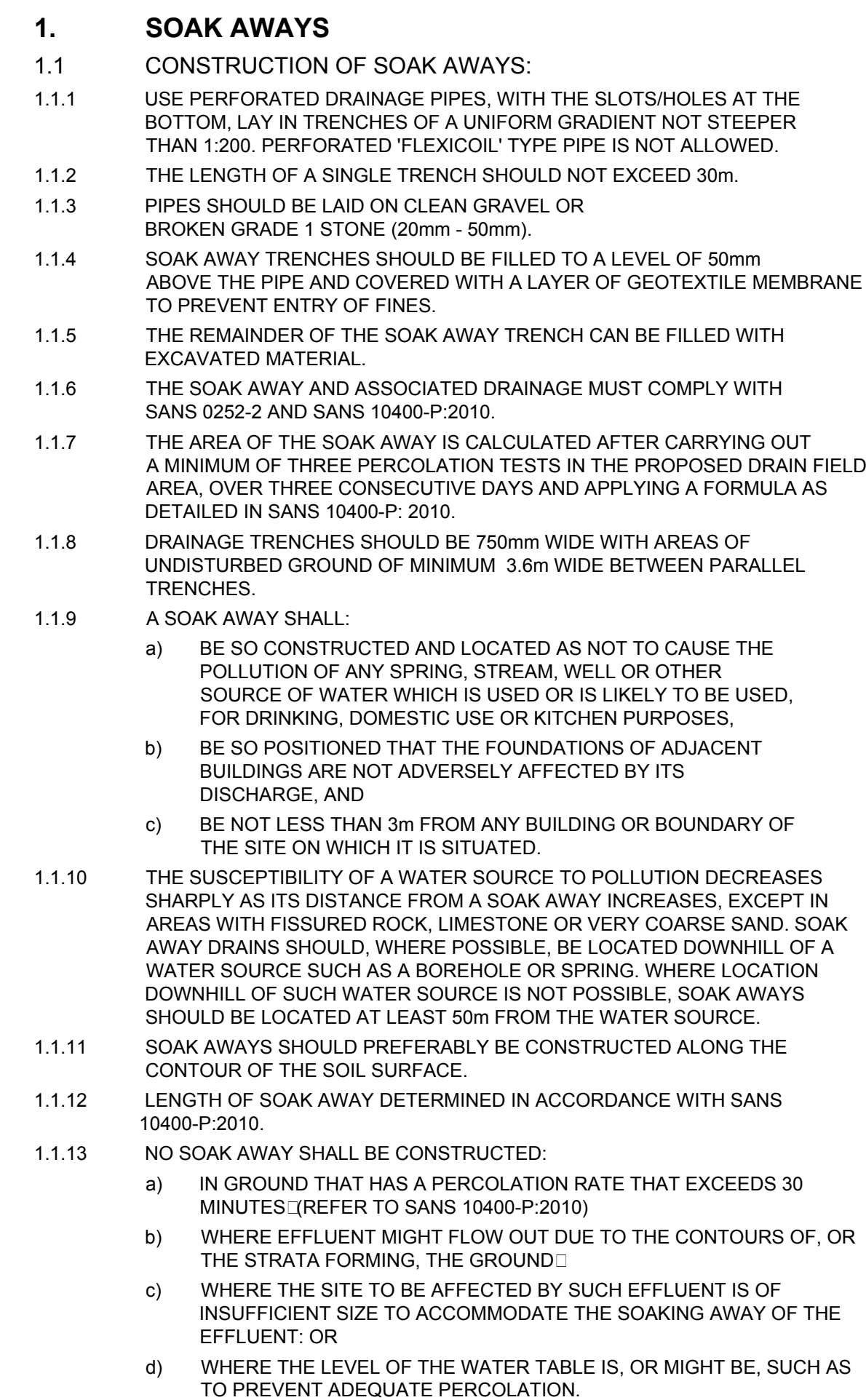
Anadarko
Moçambique Área 1, Lda

PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**PARKING AREA
MARKET**

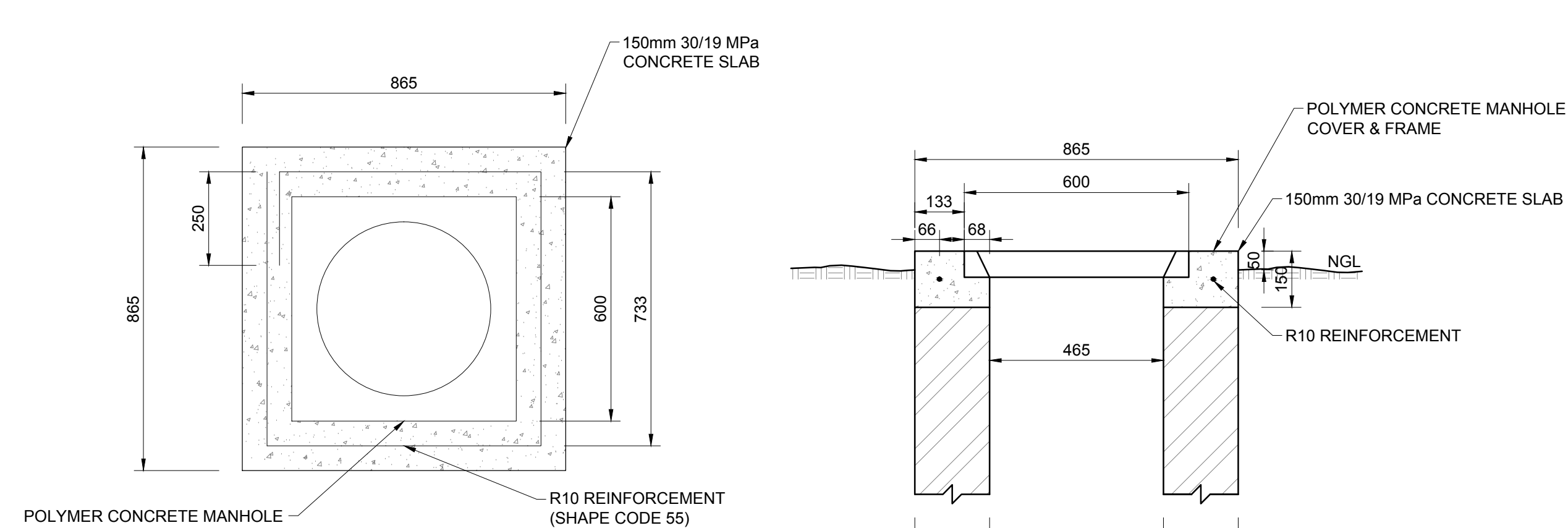
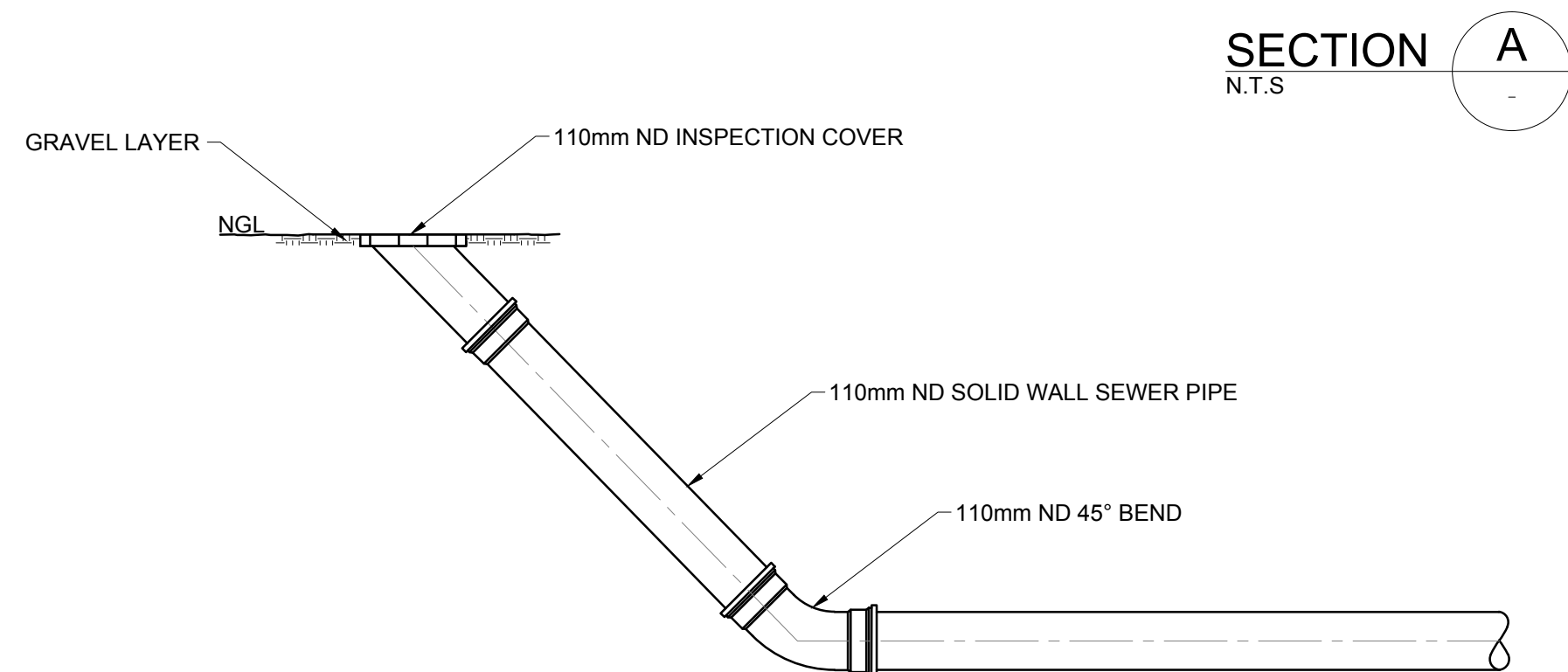
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ORIGINAL DWG SIZE A1
DRAWING NUMBER: C00290-00-CI-DLP-0021-001
ANADARKO DRAWING NUMBER: EA-MZ-CI0000-WOR-E05-00061-01

DATE: DECEMBER 2015
REV NO: 0

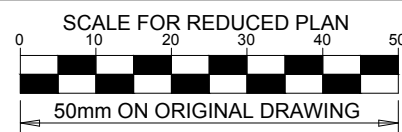


- 2.1 ALL SEPTIC TANK EXCAVATION INVERTS TO BE COMPACTED TO 93% MOD AASHTO (MINIMUM).
- 2.2 ALL FLOOR AND COVER SLABS TO BE REINFORCED WITH MESH REF. 888, PLACED IN CENTER OF SLAB.
- 2.3 CONCRETE STRENGTH REQUIREMENT AT 28 DAYS: 30/19 MPa.
- 2.4 ALL 200mm BLOCK WORK TO BE FILLED WITH CONCRETE (30 MPa/19mm).

REFERENCES	
ANADARKO DRAWING NO.	DRAWING DESCRIPTION
EA-MZ-CI0100-WOR-E05-00795-01	COMMUNITY FACILITIES: MARKET: WATER AND SANITATION LAYOUT SHEET 1 of 3
EA-MZ-CI0100-WOR-E05-00795-02	COMMUNITY FACILITIES: MARKET: DETAILS OF TOILET FACILITIES SHEET 2 of 3



DETAIL A:
DETAIL OF MANHOLE COVER
N.T.S.



NOTES

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




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A	10/09/15	LL	WvS	ISSUED FOR INTERNAL REVIEW
B	16/09/15	LL	WvS	ISSUED FOR DETAIL DESIGN
C	29/09/15	LL	WvS	ISSUED FOR SQUAD CHECK
D	06/10/15	LL	WvS	ISSUED FOR CLIENT REVIEW
E	06/11/15	LL	WvS	ISSUED FOR CLIENT APPROVAL
0	03/12/15	LL	WvS	ISSUED FOR CONSTRUCTION



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	NAME	SIGNATURE	DATE
DRAWN BY:	W v STADEN		03/12/2015
CHECKED:	LH LOUW		03/12/2015
DESIGNER:	B VAN SCHOOR		03/12/2015
PR ENG :	LH LOUW 20090253		03/12/2015
PROJECT ENG MANAGER	L PADAYACHEE		03/12/2015
LOCAL PR ENG :			
CLIENT:			



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION

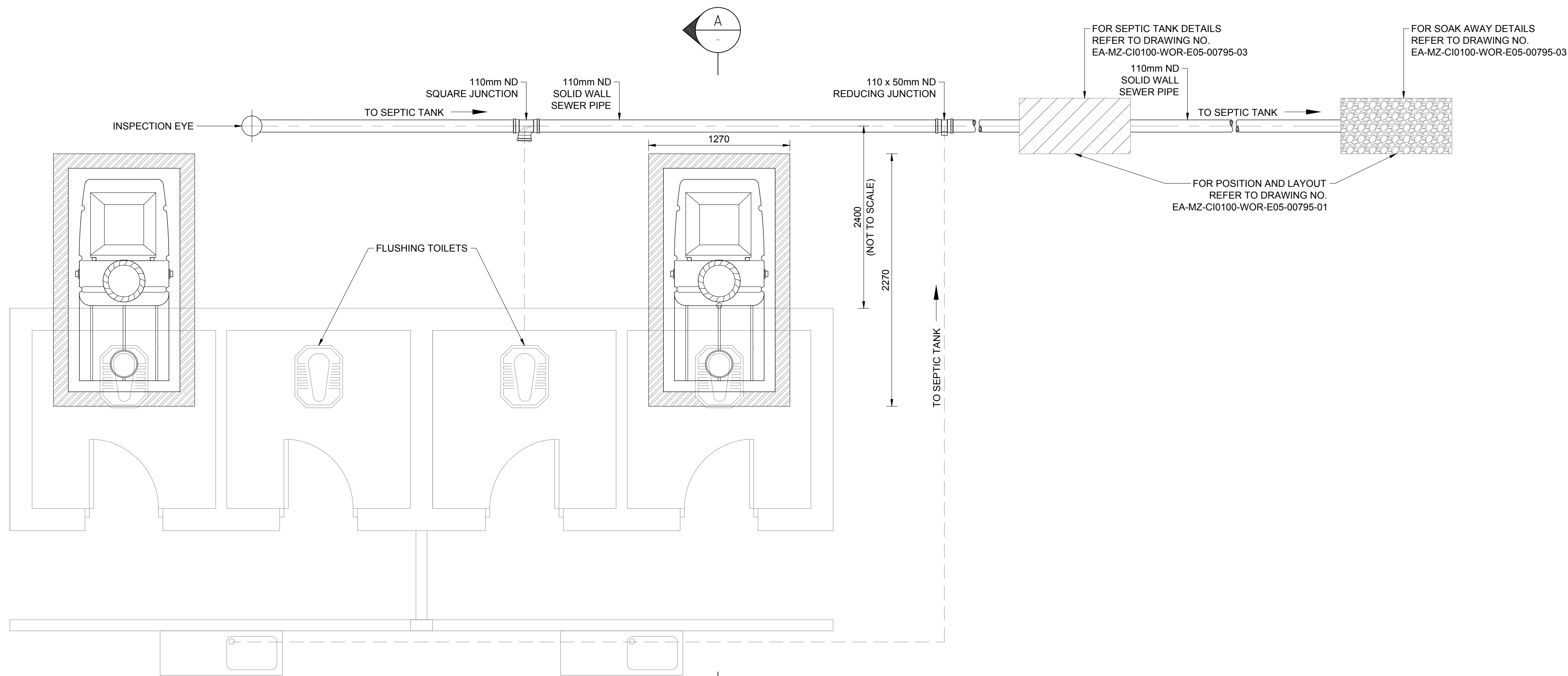
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MARKET: DETAILS OF
SEPTIC TANK
INSTALLATION**

SHEET 3 OF 3

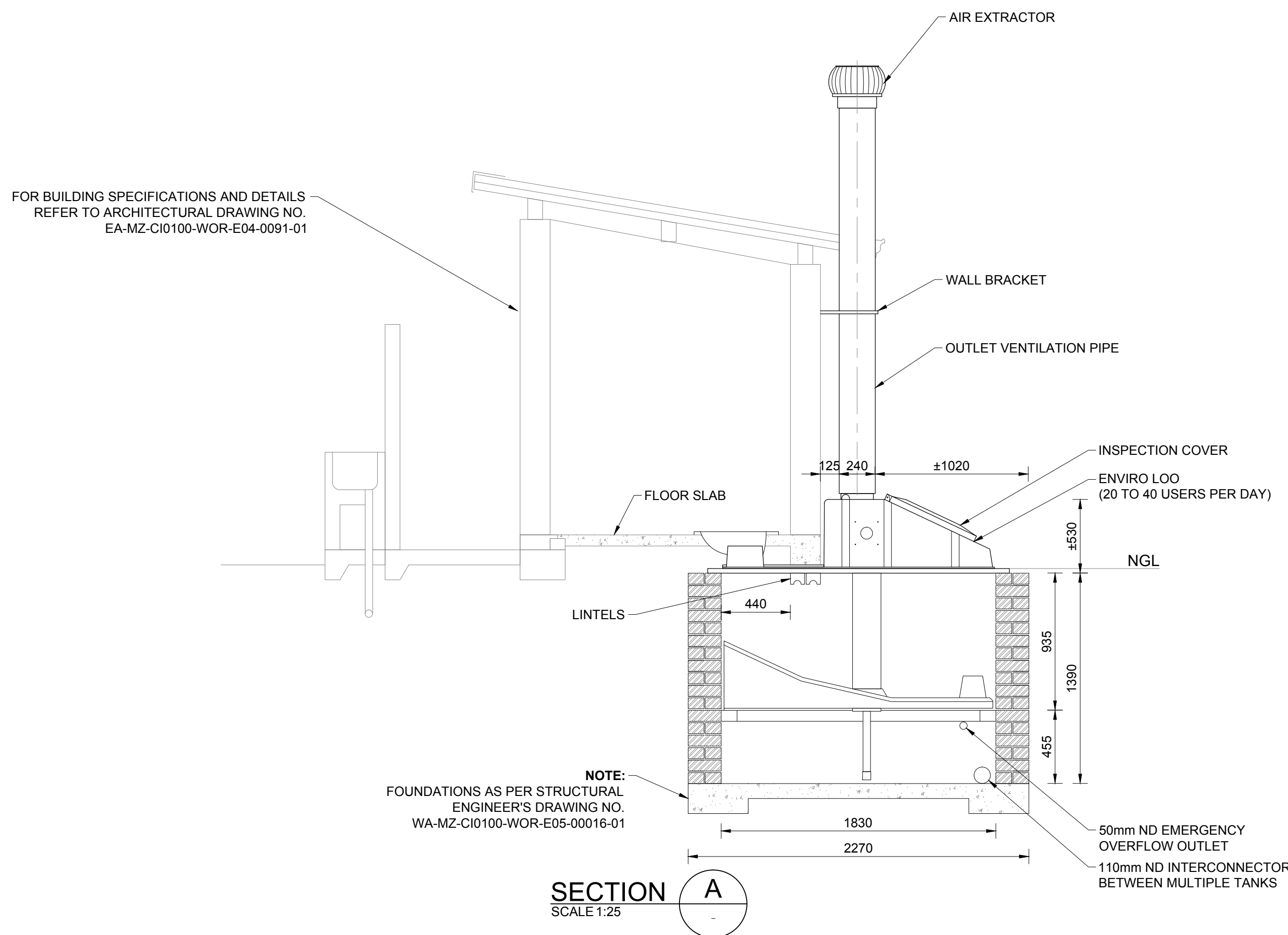
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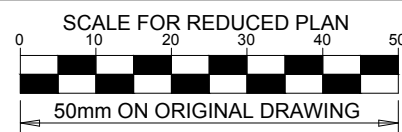
ANADARKO DRAWING NUMBER	
EA-MZ-CI0100-WOR-E05-00795-03	



TYPICAL FLOOR PLAN: ENVIRO LOO (SCHEMATIC)
SCALE 1:25



REFERENCES	
ANADARKO DRAWING NO.	DRAWING DESCRIPTION
EA-MZ-CI0100-WOR-E05-00795-01	COMMUNITY FACILITIES: MARKET: WATER AND SANITATION LAYOUT SHEET 1 OF 3
EA-MZ-CI0100-WOR-E05-00795-03	COMMUNITY FACILITIES: MARKET: DETAILS OF SEPTIC TANK INSTALLATION SHEET 3 OF 3
EA-MZ-CI0100-WOR-E05-00112-01	COMMUNITY FACILITIES: MARKET: TOILETS: INTERNAL RETICULATIONS



- NOTES**
- ENVIRO LOO SUITABLE FOR INDUSTRIAL USE CAPACITY PER ENVIRO LOO, 20 TO 40 USERS PER DAY.
 - ENVIRO LOO TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

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NO.	DATE	CHECKED	DONE BY	DESCRIPTION
A	15/09/15	LL	CS	ISSUED FOR INTERNAL REVIEW
B	16/09/15	LL	CS	ISSUED FOR DETAIL DESIGN
C	30/09/15	LL	WVS	ISSUED FOR SQUAD CHECK
D	06/10/15	LL	WVS	ISSUED FOR CLIENT REVIEW
E	06/11/15	LL	WVS	ISSUED FOR CLIENT APPROVAL
O	03/12/15	LL	WVS	ISSUED FOR CONSTRUCTION

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DESIGNER: L LOUW		03/12/2015
PR ENG: L LOUW 20090253		03/12/2015
PROJECT ENG. MANAGER: L PADAYACHEE		03/12/2015
LOCAL PR ENG:		
CLIENT:		

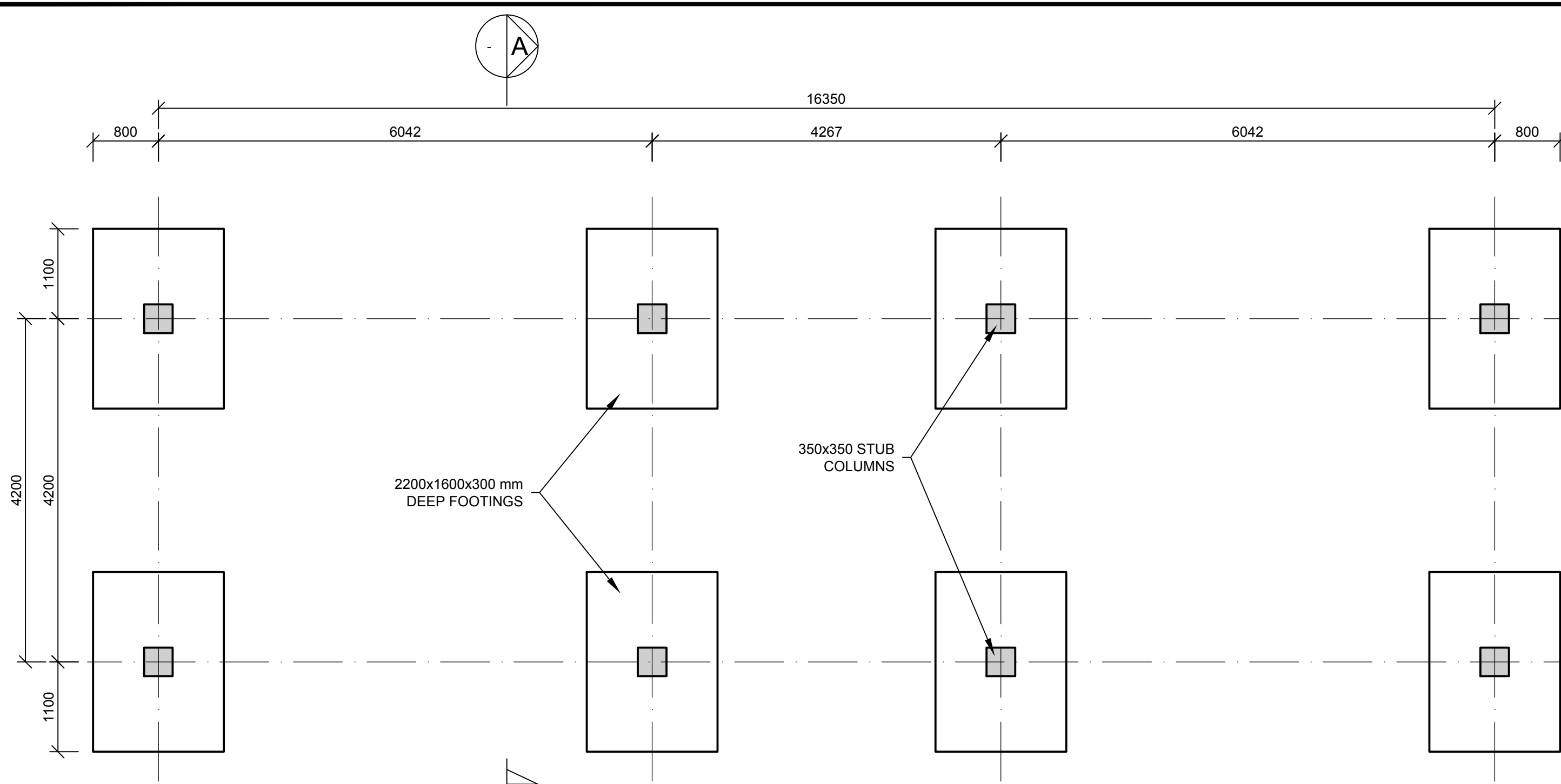


Anadarko
Moçambique Área 1, Lda

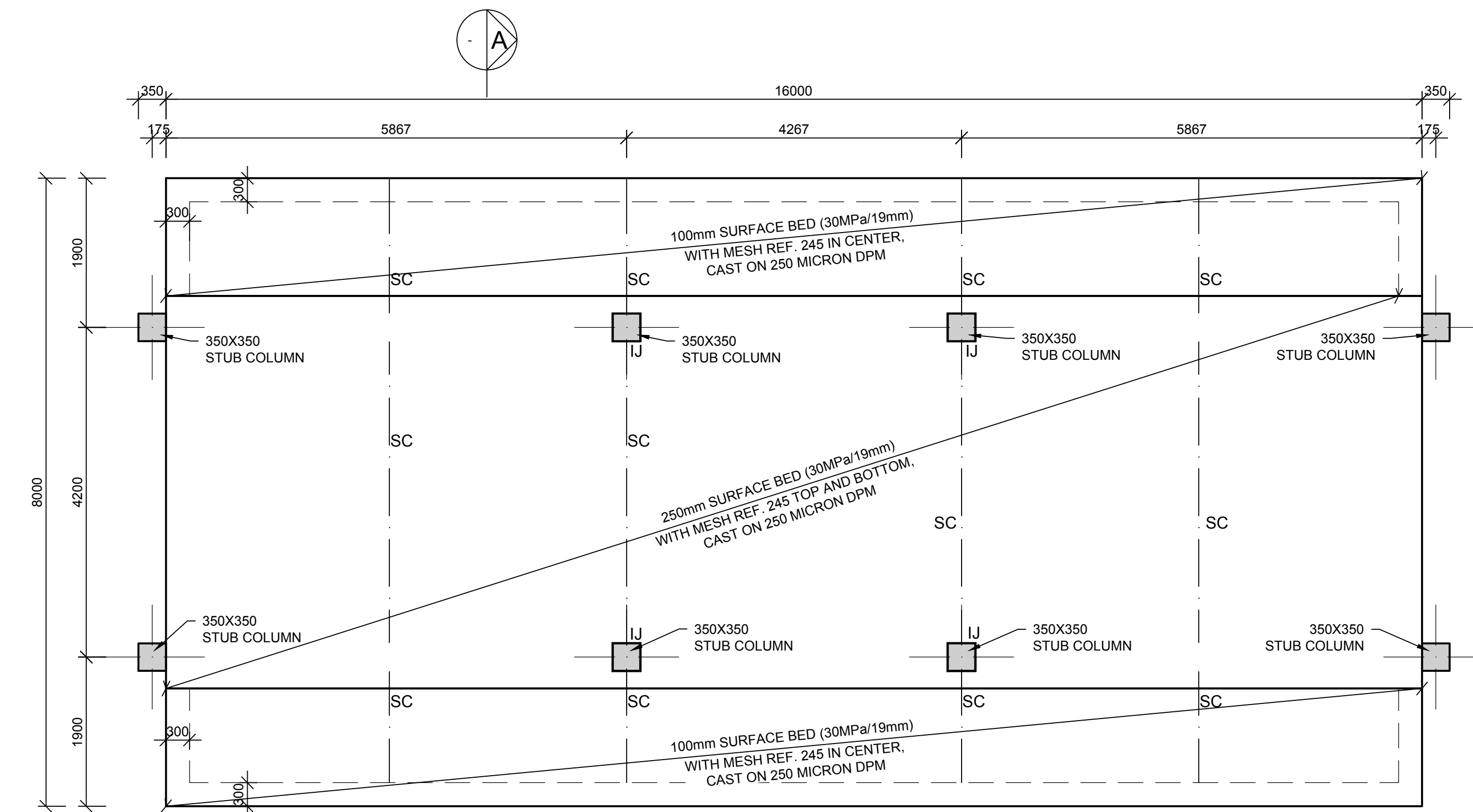
PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
**COMMUNITY FACILITIES
MARKET:
DETAILS OF TOILET
FACILITIES
SHEET 2 OF 3**

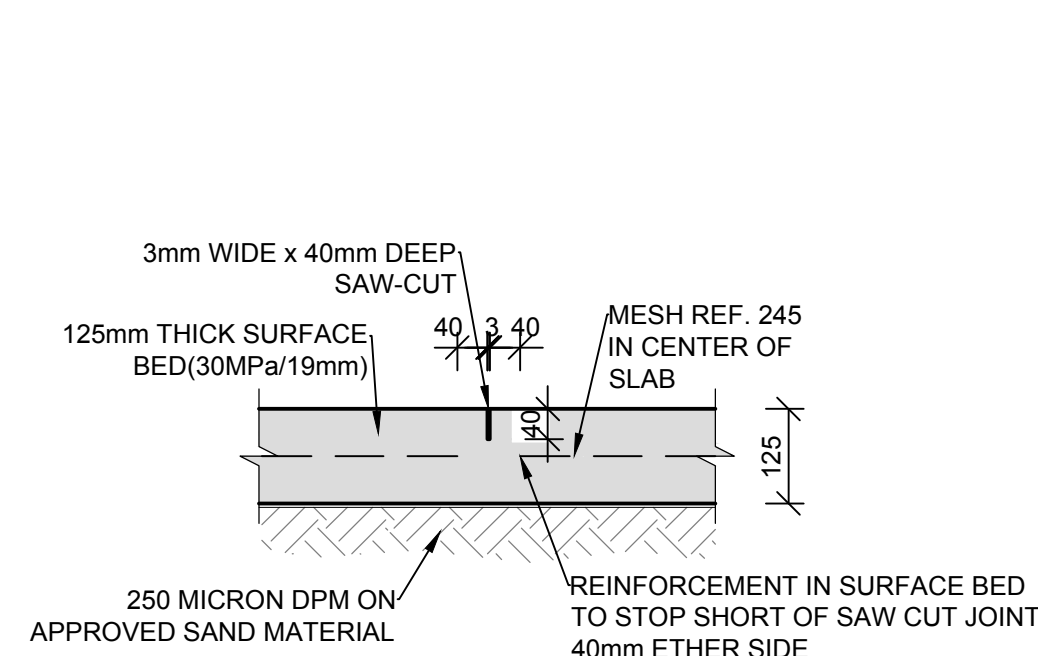
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DRAWING NUMBER C00290-00-WW-DRD-0024-002	REV NO 0
ANADARKO DRAWING NUMBER EZ-MZ-CI0100-WOR-E05-00795-02	



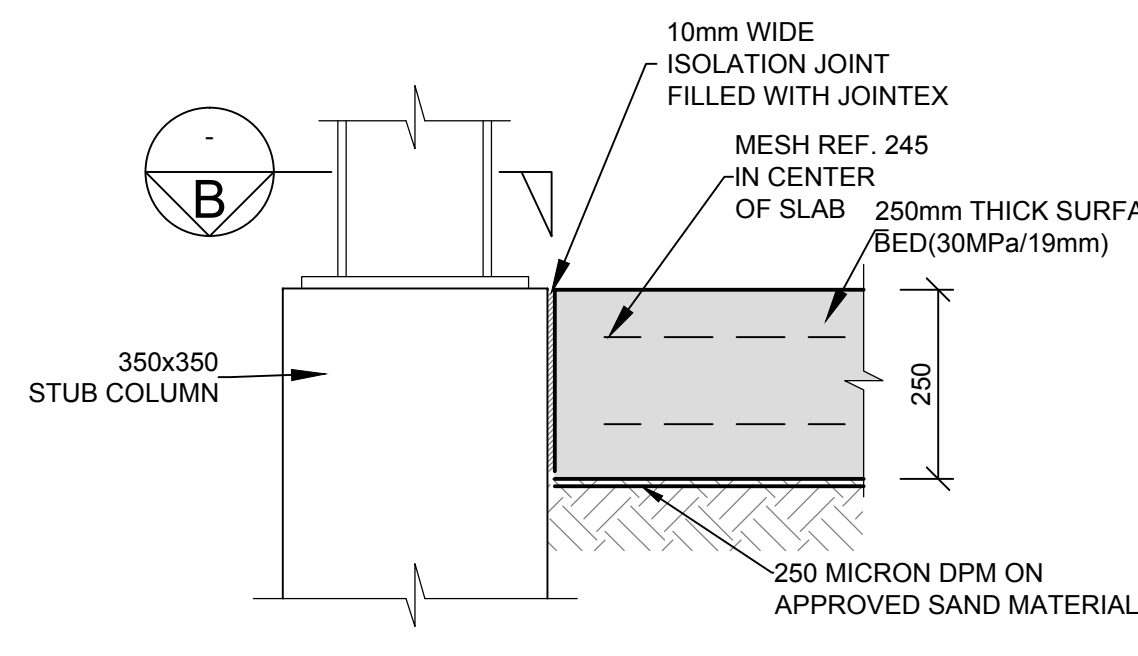
FOUNDATION LAYOUT
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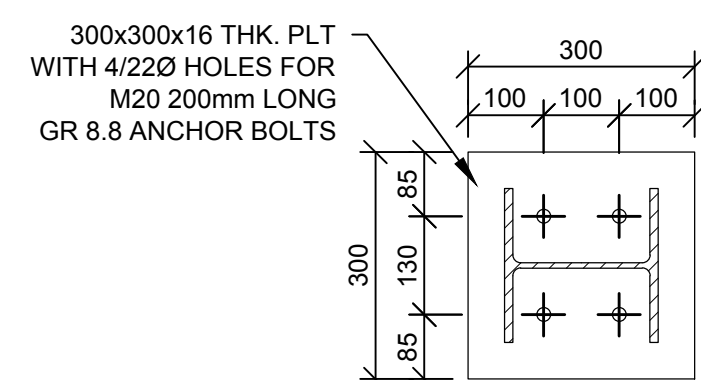
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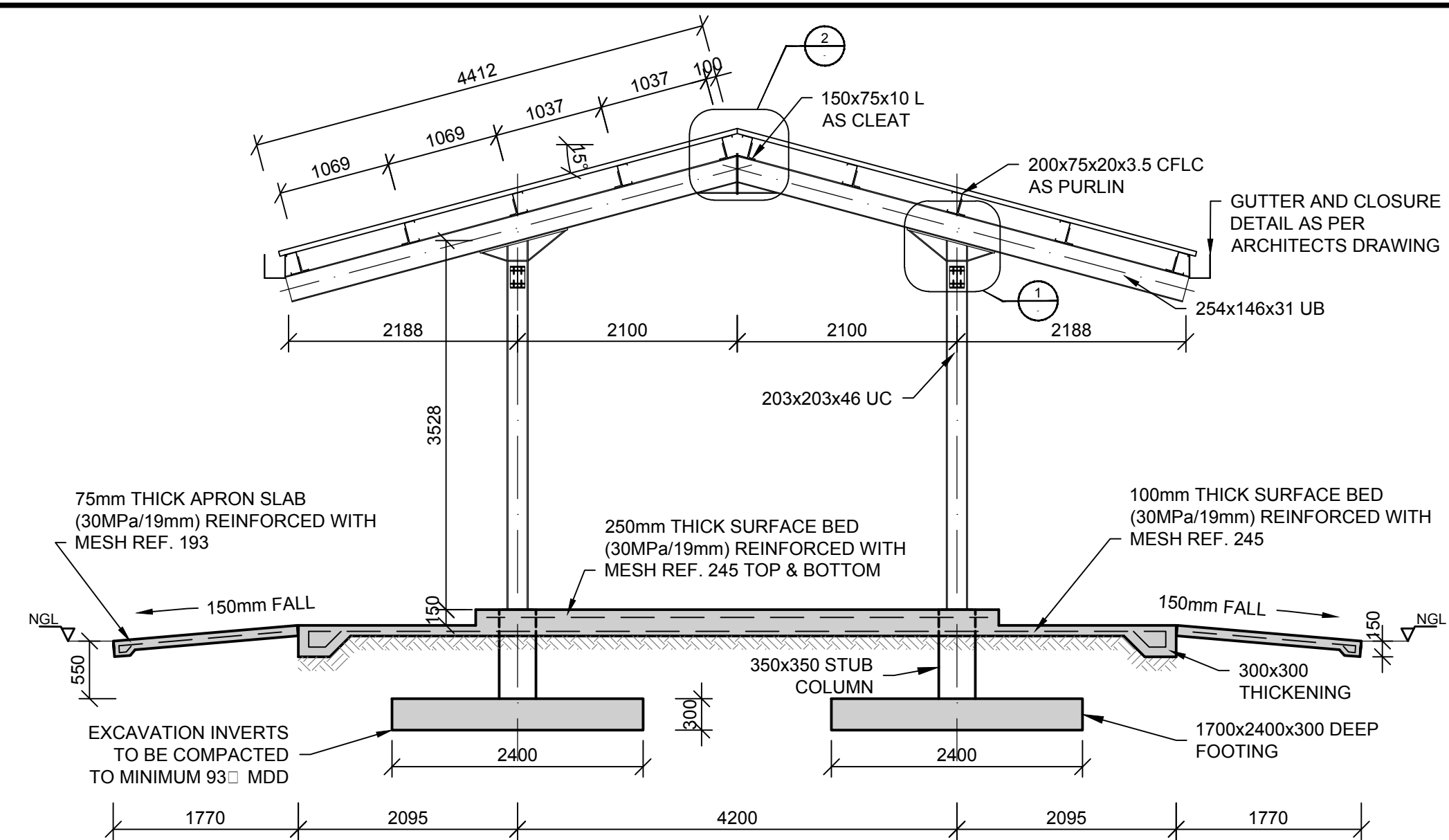
TYPICAL SAW-CUT JOINT (SC)
SCALE: 1:10



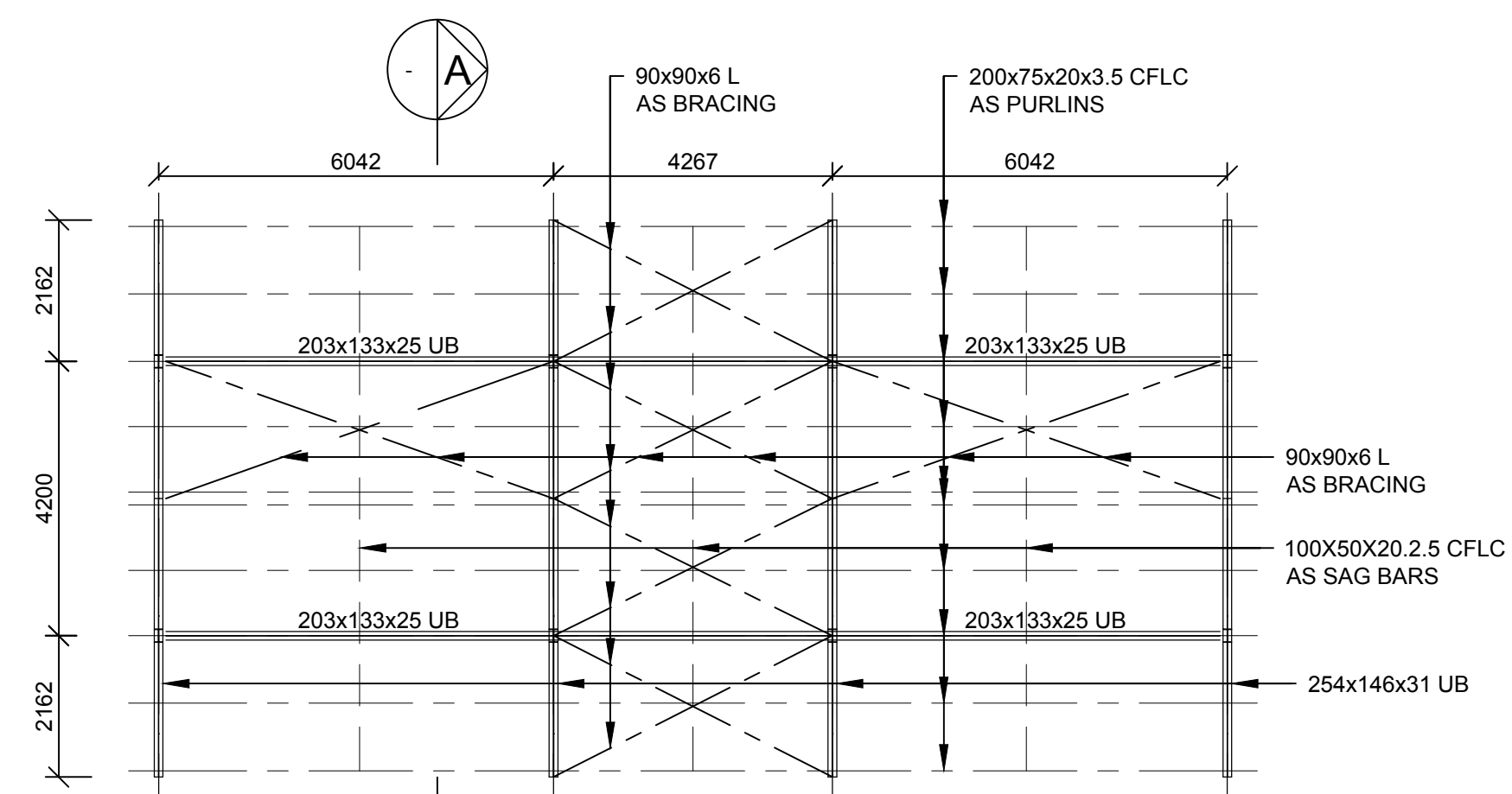
ISOLATION JOINT (I.J.)
SCALE: 1:10



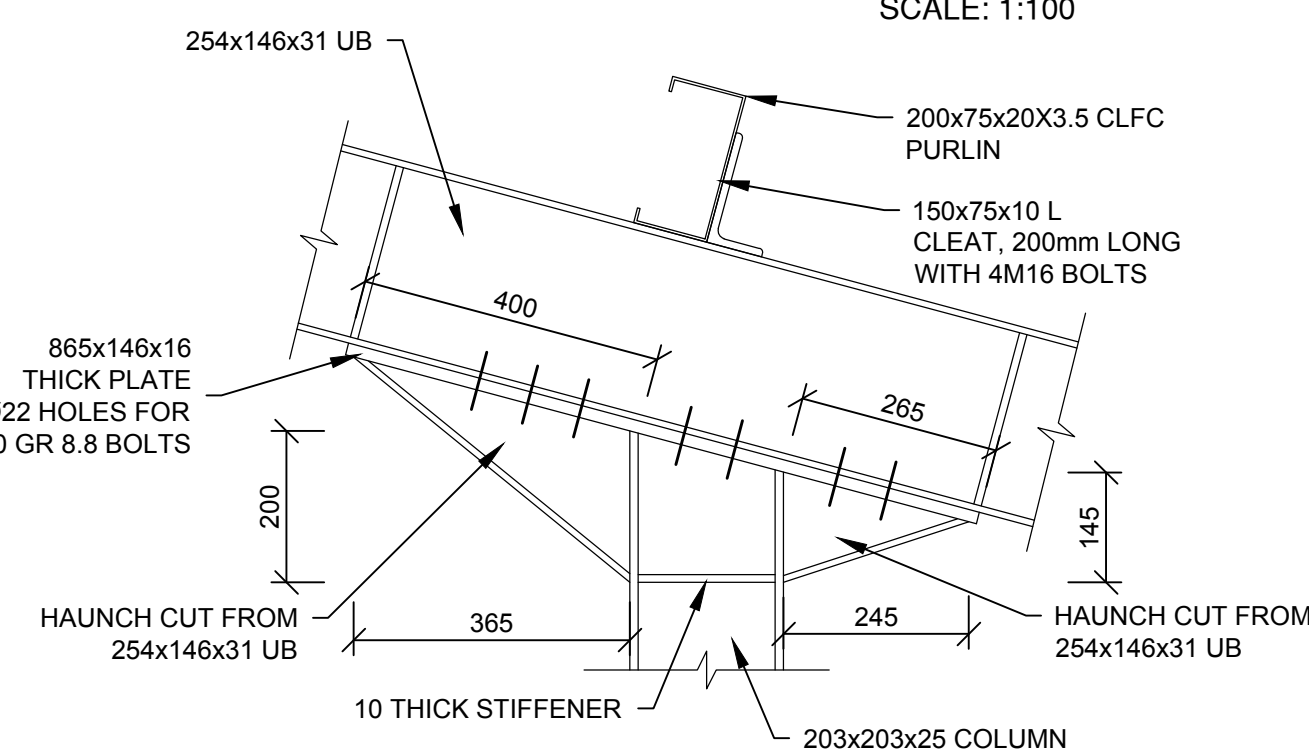
SECTION B
SCALE: 1:10



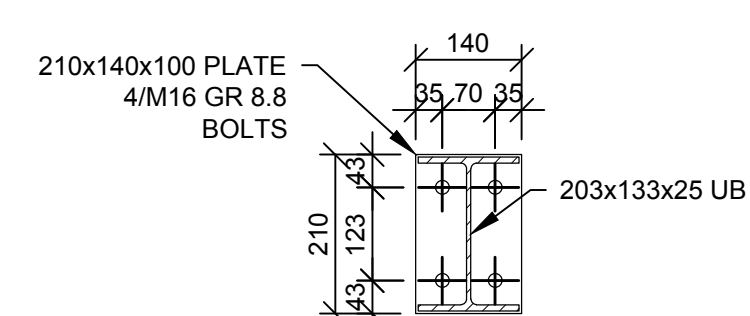
SECTION A
SCALE: 1:50



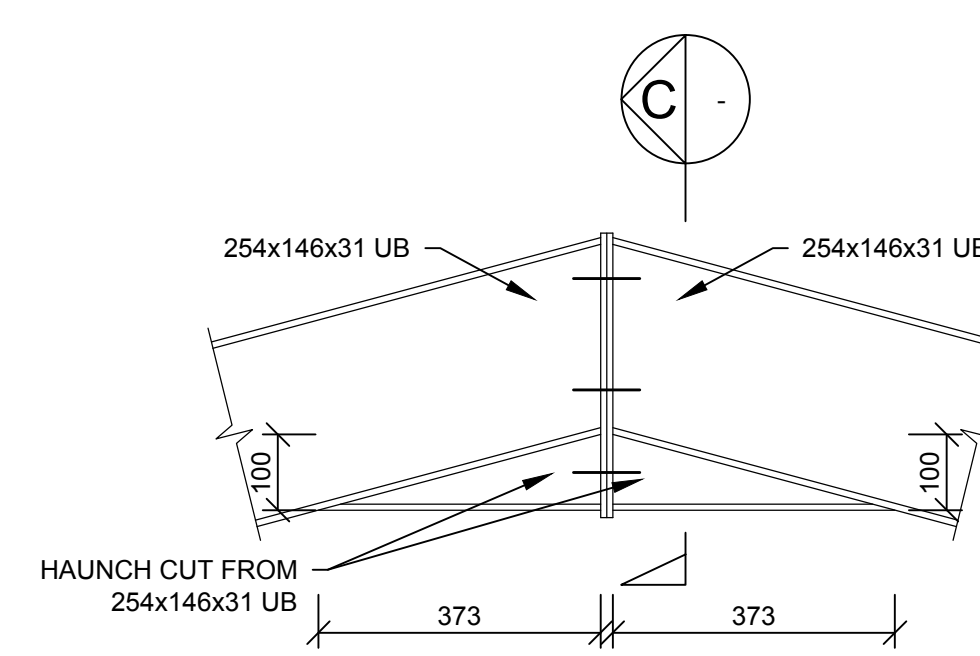
ROOF LAYOUT
SCALE: 1:100



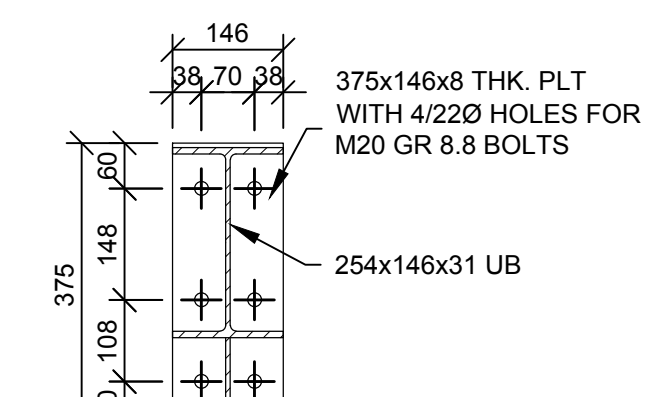
DETAIL 1
SCALE: 1:10



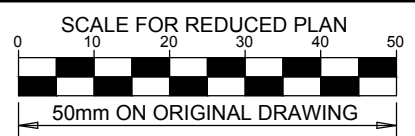
TYPICAL END PLATE DETAIL
SCALE: 1:10



DETAIL 2
SCALE: 1:10



SECTION C
SCALE: 1:10



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI000-WOR-B18-00001-01
REFER TO ARCHITECTS DRAWING
C00290-00-AR-DLP-0021-001
REFER TO REINFORCEMENT DRAWING
EA-MZ-CI0100-WOR-E05-00716-01

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NO.	DATE	CHECKED BY	DONE BY	DESCRIPTION
A	24/07/15	TS	NR	ISSUED FOR INTERNAL REVIEW
B	03/08/15	TS	NR	ISSUED FOR DETAIL DESIGN
C	11/08/15	TS	NR	ISSUED FOR SQUAD CHECK
C1	04/09/15	TS	NR	RE-ISSUED FOR SQUAD CHECK
D	29/09/15	TS	NR	ISSUED FOR CLIENT REVIEW
E	17/11/15	TS	NR	ISSUED FOR CLIENT APPROVAL
0	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION

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NAME	SIGNATURE	DATE
DRAWN BY: N ROBINSON	<i>N Robinson</i>	03/12/15
CHECKED: T SNYDERS	<i>T Snyder</i>	03/12/15
DESIGNER: T SNYDERS	<i>T Snyder</i>	03/12/15
PR ENG: I ROBINSON	<i>I Robinson</i>	03/12/15
PROJECT ENG MANAGER: L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG:		
CLIENT:		

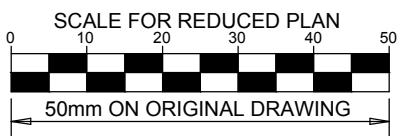
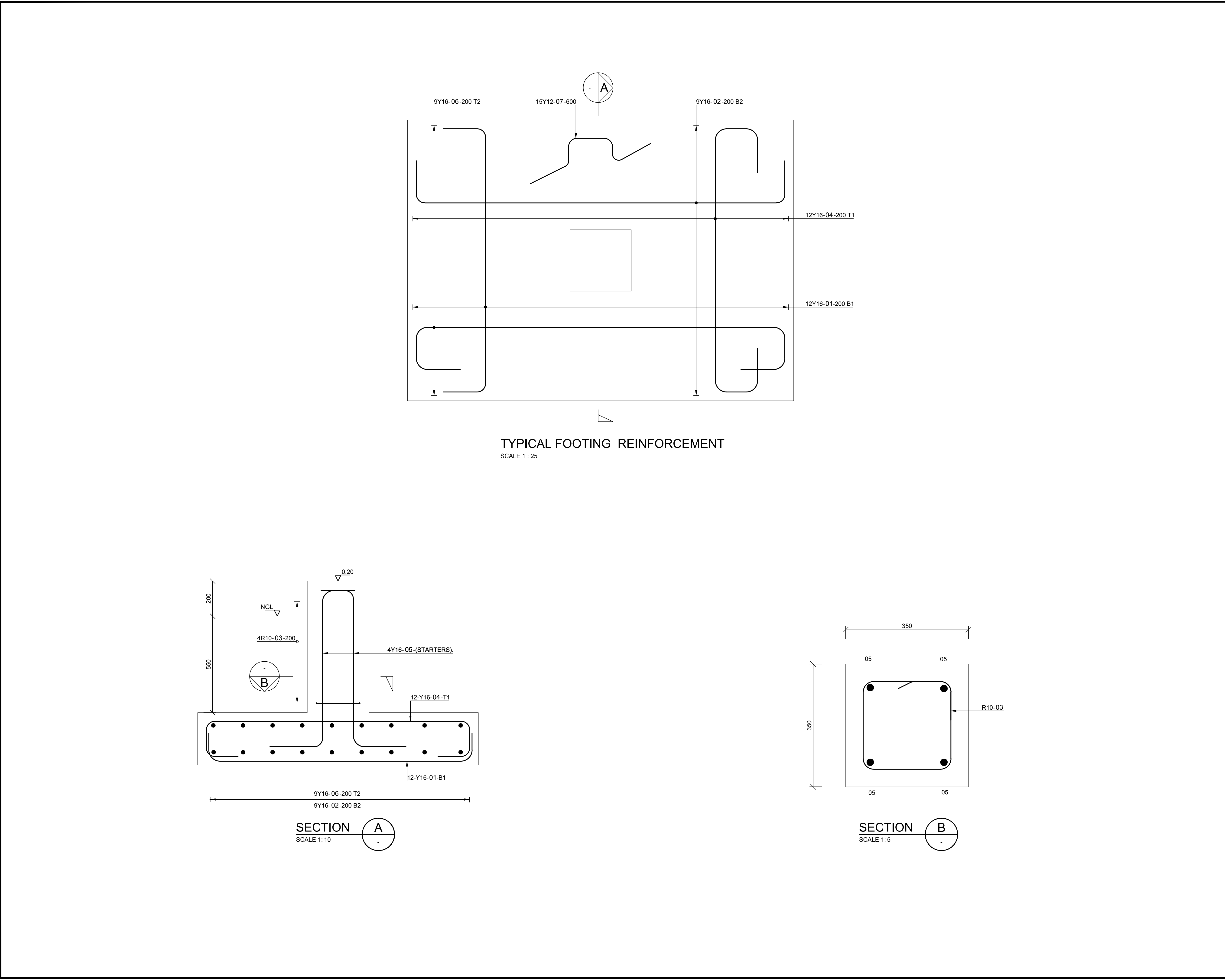
MOZAMBIQUE
GAS DEVELOPMENT PROJECT

Anadarko
Moçambique Área 1, Lda

PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION
MARKET

SCALE AS SHOWN ORIGINAL DWG SIZE A1	DATE DEC 2015
DRAWING NUMBER C00290-00-ST-DRD-0022-001	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00756-01	



NOTES

REFER TO STRUCTURAL GENERAL NOTES
EA-MZ-CI0000-WOR-B18-00001-01

REFER TO ARCHITECTS DRAWING
EA-MZ-CI0100-WOR-E04-00700-01

REFER TO LAYOUT DRAWING
EA-MZ-CI0100-WOR-E05-00756-01


REFER TO BENDING SCHEDULE 13
ON DRAWING EA-MZ-CI0100-WOR-E05-00062-01

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A	11/09/15	TS	NR	ISSUED FOR INTERNAL REVIEW
B	14/09/15	TS	NR	ISSUED FOR DETAIL DESIGN
C	14/09/15	TS	NR	ISSUED FOR SQUAD CHECK
D	29/09/15	TS	NR	ISSUED FOR CLIENT REVIEW
E	17/11/15	TS	NR	ISSUED FOR CLIENT APPROVAL
0	03/12/15	TS	NR	ISSUED FOR CONSTRUCTION

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	NAME	SIGNATURE	DATE
DRAWN BY:	N ROBINSON	<i>N Robinson</i>	03/12/15
CHECKED :	T SNYDERS	<i>T Snyder</i>	03/12/15
DESIGNER :	T SNYDERS	<i>T Snyder</i>	03/12/15
PR ENG :	I ROBINSON	<i>I Robinson</i>	03/12/15
PROJECT ENG MANAGER	L PADAYACHEE	<i>L Padayachee</i>	03/12/15
LOCAL PR ENG :			
CLIENT:			

**MOZAMBIQUE**
GAS DEVELOPMENT PROJECT

**Anadarko**
Moçambique Área 1, Lda

PROJECT
**AMA 1
RESETTLEMENT
VILLAGE**

DRAWING DESCRIPTION

**MARKET
REINFORCEMENT
LAYOUT**

SCALE AS SHOWN ORIGINAL DWG SIZE A1	DATE DEC 2015
DRAWING NUMBER C00290-00-ST-DAL-0017-001	REV NO 0
ANADARKO DRAWING NUMBER EA-MZ-CI0100-WOR-E05-00716-01	

ARCHITECTURAL
EA-MZ-CI0100-WOR-E04-00700-01
EA-MZ-CI0100-WOR-E04-00705-01
EA-MZ-CI0100-WOR-E04-00901-01
EA-MZ-CI0100-WOR-E02-01400-01

STRUCTURAL

EA-MZ-CI0100-WOR-E05-00716-01
EA-MZ-CI0100-WOR-E05-00756-01
EA-MZ-CI0100-WOR-E04-00004-01
EA-MZ-CI0000-WOR-E05-00061-01

WATER
EA-MZ-CI0100-WOR-E05-00795-01
EA-MZ-CI0100-WOR-E05-00795-02
EA-MZ-CI0100-WOR-E05-00795-03
EA-MZ-CI0100-WOR-E05-00112-01

ELECTRICAL
EA-MZ-CI0100-WOR-E02-00730-01
EA-MZ-CI0100-WOR-E02-00731-01
EA-MZ-CI0100-WOR-E02-00732-01

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All dimensions must be verified on site before the works commence. Refer any discrepancies to the Engineer.

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REVISIONS

NO.	DATE	CHK	DONE BY	DESCRIPTION
A	08/09/15	MM	CP	ISSUED INTERNAL REVIEW
B	08/09/15	MM	CP	ISSUED FOR DETAIL DESIGN
C	08/09/15	MM	CP	ISSUED FOR SQUAD CHECK
D	15/10/15	MM	CP	ISSUED FOR CLIENT REVIEW
E	16/11/15	MM	CP	ISSUED CLIENT APPROVAL
0	25/11/15	MM	CP	ISSUED FOR CONSTRUCTION



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WorleyParsons RSA (Pty) Ltd.



CLIENT



PROJECT
AMA 1
RESETTLEMENT
VILLAGE

DRAWING DESCRIPTION
PLANTA DO PASSEIO DO MERCADO

MARKET SIDEWALK LAYOUT

SCALE
A3@ 1:250

DATE
NOV 2015

DRAWING NUMBER:		
C00290-00-AR-DLP-0034-001		

ANADARKO DRAWING NUMBER:	
EA-MZ-CI0100-WOR-E05-00200-01	

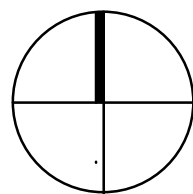
Total Área for
sidewalk pavement : approx. 3640 m²



NTS

COMMUNITY FACILITIES - COMMUNITY CENTRE WATER SUPPLY			
ADMIN. BUILDING			
No	DESCRIPTION	UNIT	QUANTITY
(A)	20mm/15mm HDPE / COPPER ADAPTOR	No.	4
(B)	90° ELBOW - COPPER	No.	8
(Ca)	TOILETS:		
	STRAIGHT COUPLER. COPPER TO MALE CONN.	No.	2
(Cb)	KITCHEN SINK/ HAND WASH BASIN / SHOWER:		
	WALL PLATE ELBOW TAP CONNECTOR. Cu TO FEM. CONN.	No.	2
	15mm COPPER PIPE	m	5m
	20mm ND HDPE PIPE	m	13m

ANADARKO DRAWING NUMBER
EZ-MZ-CI0100-WOR-E05-00112-01

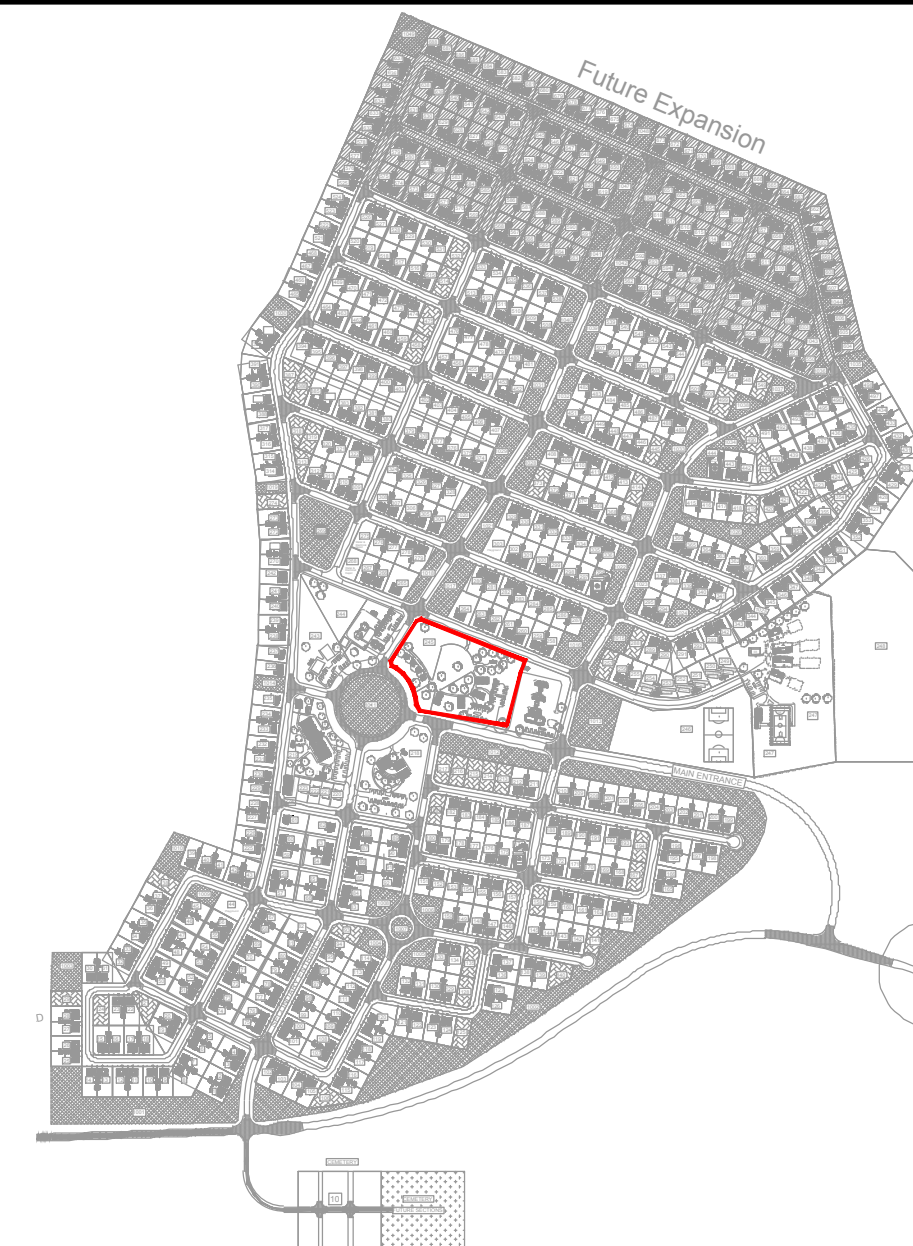


LEGENDA / LEGEND

- 01 BLOCO PARA VENDAS
BLOCK FOR SALES
- 02 BLOCO MULTIFUNCIONAL -
ADMISTRAÇÃO DO MERCADO
MULTIPURPOSE BUILDING -
MARKET ADMINISTRATION
- 03 LATRINAS
PUBLIC TOILETS
- 04 FUTUROS QUIOSQUES
FUTURE KIOSKS
- CP ESTACIONAMENTO PARA UTENTES
PARKING FOR CUSTOMERS
- SP CARGAS E DESCARGAS
SERVICE PARKING & DELIVERY'S
- MF AREA PARA FEIRA
AREA FOR OPEN MARKET

AREA PARA FUTURA EXPANSÃO
AREA FOR FUTURE EXPANSION

VEDAÇÃO "AZTECH Anti-Dazzle"
FENCE "AZTECH Anti-Dazzle"



**ESTE DESENHO É PARA SER LIDO
EM CONJUNTO COM:**

**THIS DRAWINGS IS TO BE READ IN
CONJUNCTION WITH:**

ARCHITECTURAL
EA-MZ-CI0100-WOR-E04-00700-01
EA-MZ-CI0100-WOR-E04-00705-01
EA-MZ-CI0100-WOR-E04-00901-01
EA-MZ-CI0100-WOR-E02-01400-01

STRUCTURAL
EA-MZ-CI0100-WOR-E05-00716-01
EA-MZ-CI0100-WOR-E05-00756-01
EA-MZ-CI0100-WOR-E04-00004-01
EA-MZ-CI0000-WOR-E05-00061-01

WATER
EA-MZ-CI0100-WOR-E05-00795-01
EA-MZ-CI0100-WOR-E05-00795-02
EA-MZ-CI0100-WOR-E05-00795-03
EA-MZ-CI0100-WOR-E05-00112-01

ELECTRICAL
EA-MZ-CI0100-WOR-E02-00730-01
EA-MZ-CI0100-WOR-E02-00731-01
EA-MZ-CI0100-WOR-E02-00732-01

Double leaf gate to specialist
design

Portão metalico de acordo com
as esoeçificações do especialista

Walkway in "PolyCem
polymer" or similar, colour to
client

Passeio em "PolyCem
polymer" ou semelhante, cor
a ser decidida pelo cliente

Fence to be "Anti-Dazzle Welded
Mesh Panel Fencing 2.1m hieght by
AZTECH" or similar

Vedação sera "AZTECH Anti-Dazzle Welded
Mesh Panel Fencing" com 2.1m de altura de
acordo com as especificações do fabricante ou
semelhante

Sliding gate to specialist
design

Portão metalico de acordo com
as esoeçificações do especialista

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E	16/11/15	MM	AP	ISSUED CLIENT APPROVAL
O	25/11/15	MM	AP	ISSUED FOR CONSTRUCTION



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WorleyParsons RSA (Pty) Ltd.



	NAME	SIGNATURE	DATE
DRAWN BY:	AP		
CHECKED :	MM		
DESIGNER :	AP		
PROJECT ENG MANAGER	L PADAYACHEE		
LOCAL PR ENG :			
CLIENT:			

CLIENT



PROJECT

AMA 1 RESETTLEMENT VILLAGE

DRAWING DESCRIPTION




PLANTA GERAL DO MERCADO

MARKET SITE PLAN

SCALE	1:500	DATE	NOV 2015
ORIGINAL DWG SIZE A2			

DRAWING NUMBER	REV NO
C00290-00-AR-DLP-0117-001	0

ANADARKO DRAWING NUMBER
EA-MZ-CI0100-WOR-E04-00705-01

	<i>Mozambique Gas Development</i>		 Moçambique Área 1, Lda 
	Resettlement Plan		
	Annex I: Construction drawings		
	Rev. 1	Rev Date: 27-May-16	

10. MASS EARTH WORKS

SETTING OUT COORDINATES PLATFORM 7 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P7_1	663444.478	8801791.216	30.332
P7_2	663433.076	8801797.916	30.415
P7_3	663414.707	8801805.826	30.542
P7_4	663396.337	8801813.735	30.670
P7_5	663377.968	8801821.645	30.798
P7_6	663359.598	8801829.554	30.925
P7_7	663341.229	8801837.464	31.053
P7_8	663322.552	8801843.184	31.172
P7_9	663311.995	8801827.145	31.265
P7_10	663303.984	8801808.820	31.357
P7_11	663295.974	8801790.494	31.450
P7_12	663293.150	8801771.845	31.436

SETTING OUT COORDINATES PLATFORM 7 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P7_13	663311.188	8801763.300	31.309
P7_14	663329.558	8801755.390	31.189
P7_15	663347.927	8801747.480	31.069
P7_16	663366.297	8801739.571	30.948
P7_17	663384.666	8801731.661	30.828
P7_18	663403.036	8801723.751	30.708
P7_19	663419.680	8801726.706	30.616
P7_20	663427.612	8801745.065	30.532
P7_21	663435.544	8801763.425	30.444
P7_22	663443.476	8801781.785	30.331
P7_23	663431.863	8801754.905	30.487
P7_24	663413.493	8801762.813	30.936

SETTING OUT COORDINATES PLATFORM 7 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P7_25	663395.123	8801770.722	31.386
P7_26	663376.753	8801778.631	31.835
P7_27	663358.384	8801786.540	31.940
P7_28	663340.014	8801794.448	31.740
P7_29	663321.644	8801802.357	31.540

SETTING OUT COORDINATES PLATFORM 8 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P8_1	663587.553	8801668.669	29.328
P8_2	663569.532	8801659.996	29.911
P8_3	663551.505	8801659.823	30.137
P8_4	663533.135	8801667.732	30.231
P8_5	663514.766	8801675.642	30.324
P8_6	663496.397	8801683.552	30.417
P8_7	663478.027	8801691.461	30.510
P8_8	663459.658	8801699.371	30.604
P8_9	663441.288	8801707.281	30.697
P8_10	663434.084	8801722.225	30.789
P8_11	663442.016	8801740.585	30.705
P8_12	663449.949	8801758.945	30.616

SETTING OUT COORDINATES PLATFORM 8 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P8_13	663457.881	8801777.305	30.501
P8_14	663474.614	8801780.030	30.168
P8_15	663492.984	8801772.121	29.853
P8_16	663511.353	8801764.211	29.538
P8_17	663529.723	8801756.301	29.223
P8_18	663548.092	8801748.392	28.908
P8_19	663565.402	8801738.980	28.421
P8_20	663570.973	8801719.966	28.557
P8_21	663575.811	8801700.560	28.771
P8_22	663581.290	8801681.344	28.974
P8_23	663445.640	8801748.973	30.667
P8_24	663464.010	8801741.064	30.867

SETTING OUT COORDINATES PLATFORM 8 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P8_25	663482.380	8801733.155	31.067
P8_26	663500.750	8801725.247	31.267
P8_27	663519.120	8801717.338	31.107
P8_28	663537.490	8801709.429	30.407
P8_29	663555.859	8801701.520	29.707
P8_30	663574.229	8801693.612	29.007

SETTING OUT COORDINATES PLATFORM 9 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P9_1	663111.773	8801831.043	32.558
P9_2	663100.441	8801837.713	32.571
P9_3	663082.072	8801845.623	32.674
P9_4	663063.702	8801853.533	32.777
P9_5	663045.333	8801861.442	32.880
P9_6	663026.963	8801869.352	32.983
P9_7	663008.594	8801877.262	33.087
P9_8	662990.224	8801885.171	33.190
P9_9	662972.677	8801884.490	33.458
P9_10	662964.611	8801866.189	33.556
P9_11	662956.545	8801847.888	33.654
P9_12	662948.479	8801829.586	33.752

SETTING OUT COORDINATES PLATFORM 9 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P9_13	662953.582	8801813.821	33.853
P9_14	662971.940	8801805.886	33.743
P9_15	662990.299	8801797.951	33.632
P9_16	663008.657	8801790.016	33.522
P9_17	663027.016	8801782.080	33.411
P9_18	663045.374	8801774.145	33.301
P9_19	663063.733	8801766.210	33.190
P9_20	663082.503	8801761.128	32.993
P9_21	663091.920	8801778.534	32.832
P9_22	663099.932	8801796.859	32.747
P9_23	663107.945	8801815.184	32.662

SETTING OUT COORDINATES PLATFORM 10 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P10_1	663261.936	8801768.176	31.550
P10_2	663243.567	8801776.085	31.639
P10_3	663225.197	8801783.995	31.739
P10_4	663206.828	8801791.905	31.839
P10_5	663188.459	8801799.814	31.939
P10_6	663170.089	8801807.724	32.038
P10_7	663151.720	8801815.633	32.138
P10_8	663133.225	8801822.901	32.261
P10_9	663121.432	8801808.588	32.485
P10_10	663113.419	8801790.263	32.570
P10_11	663105.407	8801771.938	32.655
P10_12	663099.799	8801753.256	32.765

SETTING OUT COORDINATES PLATFORM 10 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P10_13	663116.542	8801743.384	32.745
P10_14	663134.900	8801735.449	32.650
P10_15	663153.259	8801727.513	32.555
P10_16	663171.617	8801719.578	32.460
P10_17	663189.976	8801711.643	32.365
P10_18	663208.334	8801703.708	32.269
P10_19	663226.692	8801695.771	31.997
P10_20	663236.407	8801709.768	31.808
P10_21	663244.417	8801728.094	31.716
P10_22	663252.427	8801746.420	31.623
P10_23	663260.437	8801764.746	31.549

SETTING OUT COORDINATES PLATFORM 11 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P11_1	663371.165	8801633.326	31.241
P11_2	663352.806	8801641.261	31.342
P11_3	663334.448	8801649.196	31.442
P11_4	663316.090	8801657.132	31.543
P11_5	663297.731	8801665.067	31.644
P11_6	663279.373	8801673.002	31.744
P11_7	663261.014	8801680.937	31.845
P11_8	663254.965	8801696.672	31.924
P11_9	663262.975	8801714.998	31.832
P11_10	663270.986	8801733.324	31.739
P11_11	663278.996	8801751.650	31.646
P11_12	663296.393	8801753.339	31.547

SETTING OUT COORDINATES PLATFORM 11 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P11_13	663314.763	8801745.429	31.427
P11_14	663333.132	8801737.520	31.307
P11_15	663351.502	8801729.610	31.187
P11_16	663369.871	8801721.700	31.066
P11_17	663388.240	8801713.791	30.946
P11_18	663405.921	8801704.822	30.812
P11_19	663402.240	8801686.338	30.800
P11_20	663394.307	8801667.978	30.885
P11_21	663386.375	8801649.618	30.969
P11_22	663376.131	8801633.348	31.140

SETTING OUT COORDINATES PLATFORM 12 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P12_1	663544.397	8801646.552	30.323
P12_2	663526.028	8801654.461	30.417
P12_3	663507.658	8801662.371	30.510
P12_4	663489.289	8801670.281	30.603
P12_5	663470.919	8801678.190	30.696
P12_6	663452.550	8801686.100	30.790
P12_7	663434.180	8801694.010	30.883
P12_8	663419.013	8801687.342	30.949
P12_9	663411.081	8801668.982	31.033
P12_10	663403.149	8801650.622	31.117
P12_11	663395.217	8801632.262	31.201
P12_12	663405.444	8801618.509	31.053

SETTING OUT COORDINATES PLATFORM 12 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P12_13	663423.802	8801610.574	30.953
P12_14	663442.161	8801602.639	30.852
P12_15	663460.304	8801605.756	30.695
P12_16	663478.341	8801614.398	30.581
P12_17	663496.377	8801623.040	30.468
P12_18	663514.414	8801631.683	30.354
P12_19	663532.450	8801640.325	30.241
P12_20	663497.109	8801623.391	30.463
P12_21	663478.739	8801631.300	30.912
P12_22	663460.369	8801639.208	31.360
P12_23	663441.999	8801647.117	31.436
P12_24	663423.629	8801655.026	31.236

SETTING OUT COORDINATES PLATFORM 13 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P13_1	663073.881	8801737.277	33.024
P13_2	663062.300	8801750.488	32.983
P13_3	663043.942	8801758.423	33.093
P13_4	663025.583	8801766.358	33.204
P13_5	663007.225	8801774.294	33.314
P13_6	662988.866	8801782.229	33.425
P13_7	662970.508	8801790.164	33.536
P13_8	662952.149	8801798.099	33.646
P13_9	662934.506	8801797.762	33.920
P13_10	662926.399	8801779.488	34.020
P13_11	662918.333	8801761.186	34.118
P13_12	662909.691	8801743.169	34.211

SETTING OUT COORDINATES PLATFORM 13 WGS84 / UTM37S			
POINT	E	N	ELEVATION
P13_13	662913.978	8801728.421	34.292
P13_14	662932.326	8801720.462	34.178
P13_15	662950.674	8801712.502	34.064
P13_16	662969.022	8801704.543	33.950
P13_17	662987.370	8801696.584	33.836
P13_18	663005.718	8801688.624	33.722
P13_19	663024.066	8801680.665	33.607
P13_20	663042.682	8801674.431	33.437
P13_21	663053.317	8801690.246	33.242
P13_22	663061.329	8801708.571	33.157
P13_23	663069.342	8801726.896	33.072

SCALE FOR REDUCED PLAN

0

10

20

30

40

50

50mm ON ORIGINAL DRAWING

NOTES

LEGEND

FUTURE DEVELOPMENT

REFERENCE DWG's No:

1. EA-MZ-CI000-WOR-E05-00018-01

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