

PADS FOUNDATION PLAN LAYOUT, (1:100)

The drawing illustrates the foundation plan layout for the proposed construction and paving of the Chepseon Market in Kericho County. The layout consists of a grid of foundation pads, each measuring 3000 units by 2000 units. The overall dimensions of the layout are 60000 units by 40000 units. The pads are arranged in four rows (A, B, C, D) and twenty columns (1-20). Each pad is labeled 'C/B'. The layout includes section lines 01-01 and 02-02, indicating cross-sections through the structure. A north arrow is located in the upper right corner, pointing towards the top right. An aerial photograph inset in the bottom left corner provides context for the site location.

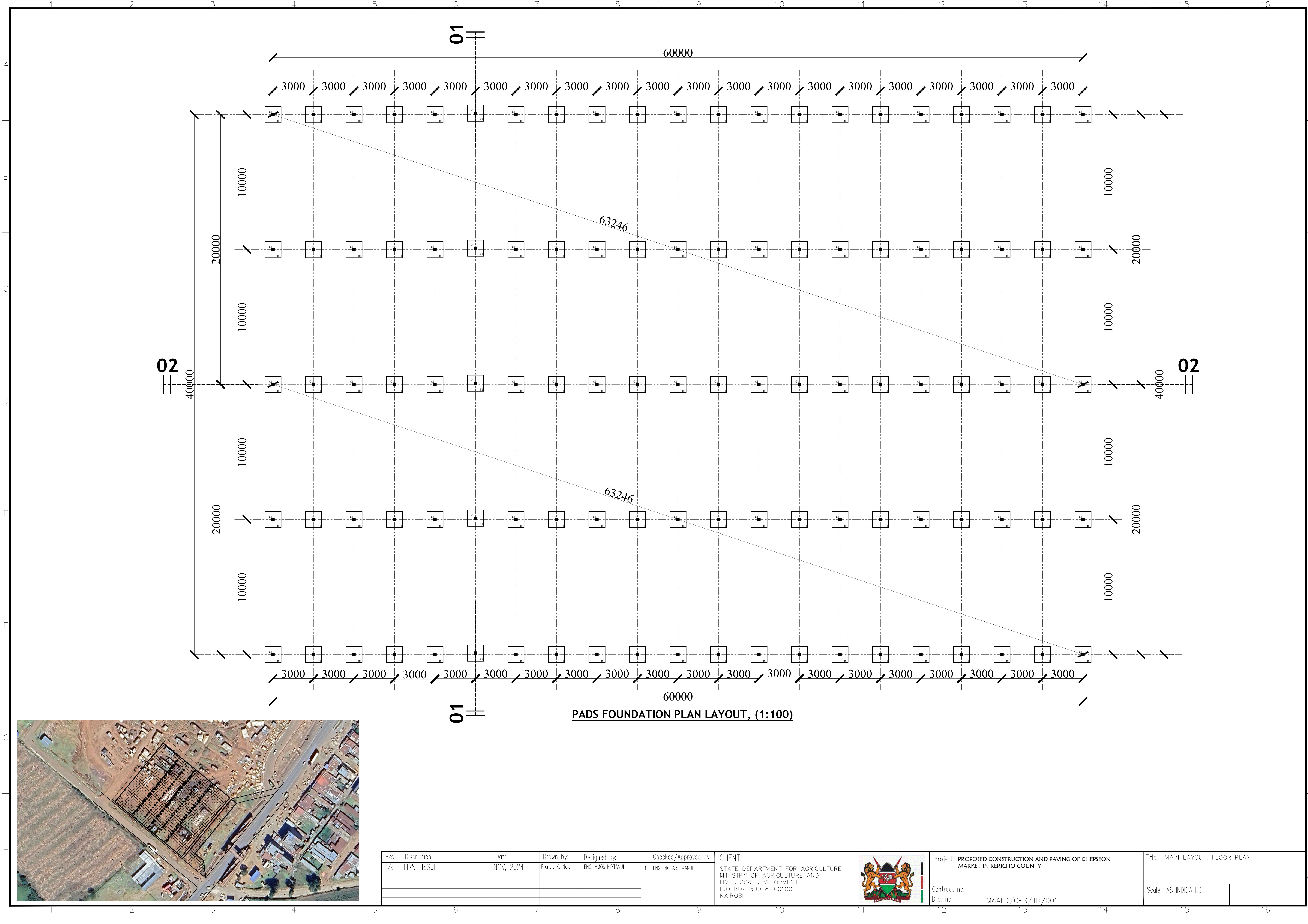
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A	FIRST ISSUE	NOV, 2024	Francis K. Ngigi	ENG. AMOS KIPTANUI	1. ENG. RICHARD KANUI	STATE DEPARTMENT FOR AGRICULTURE MINISTRY OF AGRICULTURE AND LIVESTOCK DEVELOPMENT P.O BOX 30028--00100 NAIROBI

Project: PROPOSED CONSTRUCTION AND PAVING OF CHEPSEON MARKET IN KERICHO COUNTY

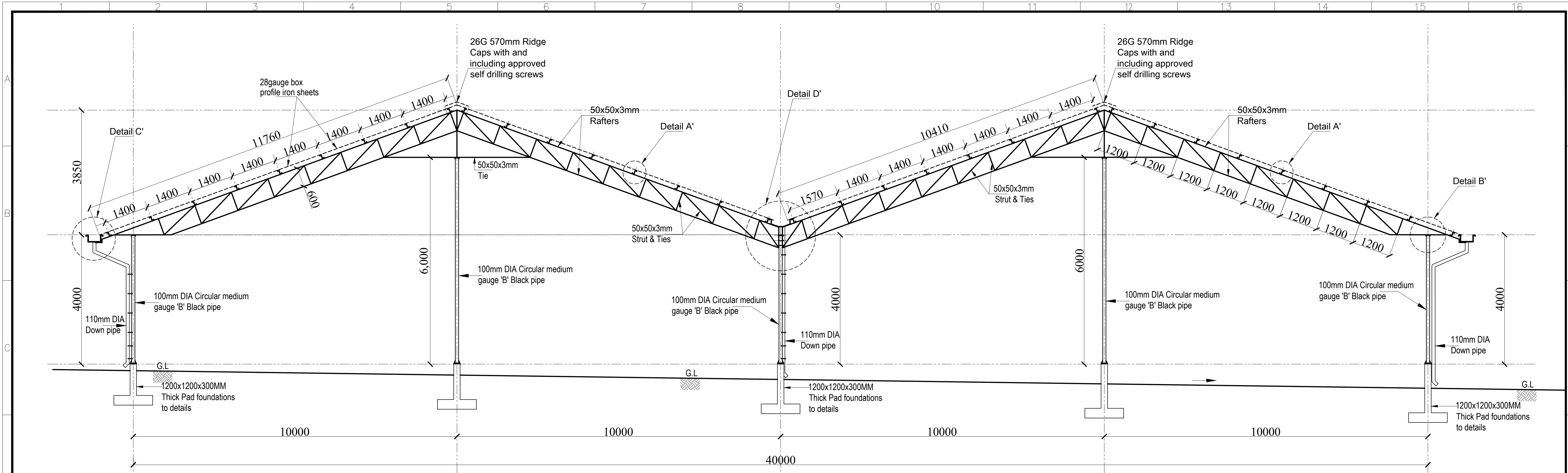
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Org. no. MoALD/CPS/TD/001

Title: MAIN LAYOUT, FLOOR PLAN

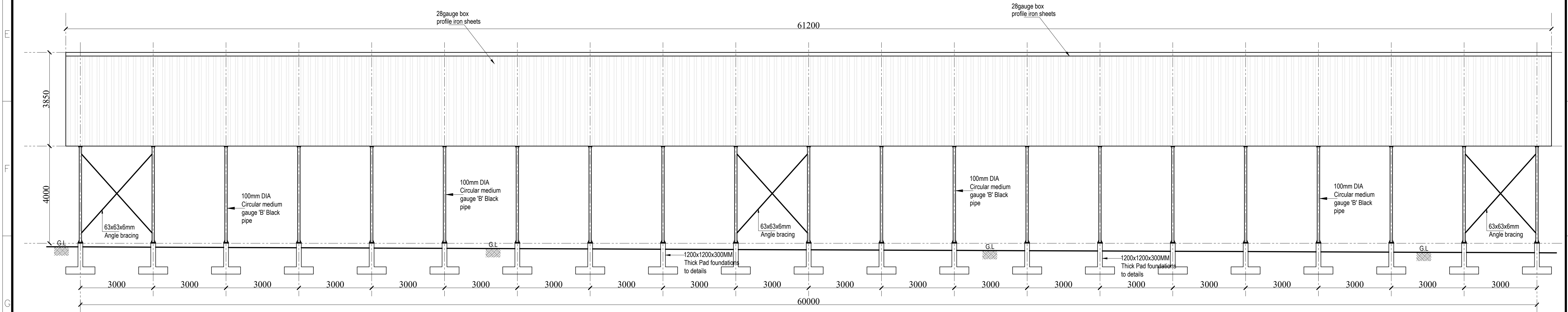
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SECTION 01-01, (1:100)



SECTION 02-02, (1:100)

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MAIN LAYOUT

The main layout shows a rectangular plot of 85000mm by 30000mm. The plot is divided into sections for **CABRO PAVING**, **SHALLOW DRAIN**, and **PROPOSED MARKET**. Access roads are shown on the left and right sides, and a main tarmac road is at the bottom. Dimensions for various sections are provided, such as 7500mm, 22500mm, 20000mm, and 6000mm.

SECTION A-A, (1:100)

This section shows the structural details of the roof and columns. The roof is a gabled structure with a peak height of 6000mm. The rafters are 50x50x3mm, and the ridge caps are 26G 570mm. The columns are 100mm DIA Circular medium gauge 'B' Black pipe. The foundations are 1200x1200x300MM Thick Pad foundations. Details A, B, C, and D are indicated for further detail.

COLUMN (1)/BASE (1) DETAILS

This detail shows the connection between the column and the base plate. The base plate is 1200x1200x300MM. The column is 100mm DIA Circular medium gauge 'B' Black pipe. The connection is secured with 4 no. M18x500mm bolts. Details A, B, C, and D are indicated for further detail.

TYPICAL LOCATION & FIXING OF SELF-DRILLING SCREWS FOR ROOFING

This detail shows the typical location and fixing of self-drilling screws for roofing. The screws are 5.5 DIAx20 LG SELF DRILLING SCREWS. The roofing sheets are 28 gauge, pre-painted. The purlins are 127x50x20x2mm thick steel Z purlins. The rafters are 50x50x3mm SHS Rafters. Detail A is indicated for further detail.

950mm girth type 2 rain gutter

This detail shows the 950mm girth type 2 rain gutter. The gutter is 950mm wide and 125mm high. The gutter is supported by 60x60x6mm Angle gutter supports welded to Rafters. The gutter is 1.5mm thick MS sheet rain gutter (950mm Girth). The gutter is supported by 100mm DIA CHS columns. The gutter is secured with M16x350mm bolts with 2 head nuts and 2 washers each. Detail D is indicated for further detail.

DETAIL B'

This detail shows the connection between the rafters and the columns. The rafters are 50x50x3mm. The columns are 100mm DIA Circular medium gauge 'B' Black pipe. The connection is secured with 4 no. M16x250mm bolts. The connection is also secured with a 200x200x6mm gusset plate with 4 no. holes to receive bolts. Detail B' is indicated for further detail.

DETAIL C'

This detail shows the connection between the purlins and the rafters. The purlins are 127x50x20x2mm thick steel Z purlins. The rafters are 50x50x3mm SHS Rafters. The connection is secured with 5.5 DIAx20 LG self drilling screws. Detail C' is indicated for further detail.

DETAIL D'

This detail shows the connection between the columns and the base plate. The columns are 100mm DIA Circular medium gauge 'B' Black pipe. The base plate is 1200x1200x300MM. The connection is secured with 4 no. M18x500mm bolts. Detail D' is indicated for further detail.

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Project: PROPOSED CONSTRUCTION AND PAVING OF CHEPSEON MARKET IN KERICHO COUNTY

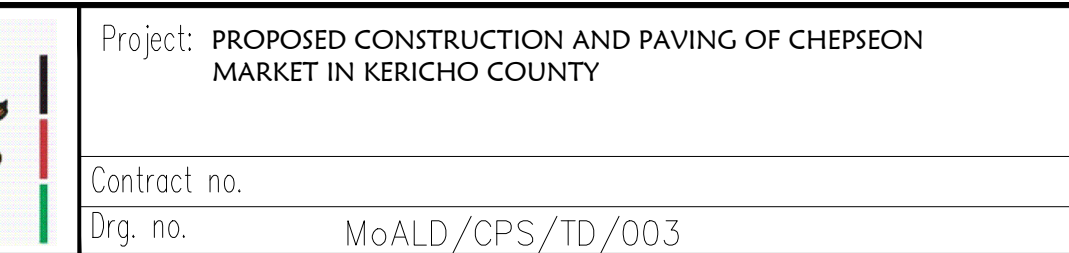
Title: PAVEMENT LAYOUT AND ROOFING DETAILS

Contract no.

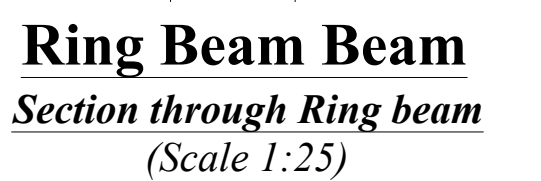
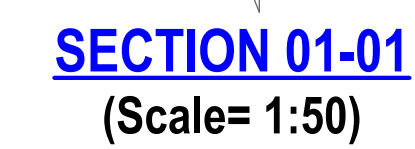
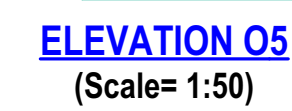
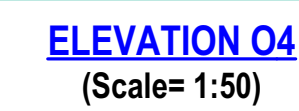
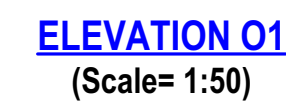
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MoALD/CPS/TD/003

CLIENT:
STATE DEPARTMENT FOR AGRICULTURE
MINISTRY OF AGRICULTURE AND
LIVESTOCK DEVELOPMENT
P.O BOX 30028-00100
NAIROBI



	Project: PROPOSED CONSTRUCTION AND PAVING OF CHEPSEON MARKET IN KERICHO COUNTY		Title: PAVEMENT LAYOUT AND ROOFING DETAILS	
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						Contract NO:	SCALE: AS SHOWN	
							N. Sheet:	