

**MultiBuild Specification Sheet - FNZP0054**  
**Ms. Amalinda - SWAT Transfer**

**Dimensions -**

SPAN 12.0m. EAVES HEIGHT 6.0m. APEX HEIGHT 7.17m ROOF SLOPE 11Deg  
OVERALL LENGTH 36.0m. Consisting of 7 Bays each FRAME SPACING 5.14m

**Loading -**

SITE WIND SPEED (V<sub>sit,B</sub>) 70m/s

**Materials -**

END RAFTER:	Single C30030
RAFTER:	Double C30030
END COLUMN:	Single C30030
COLUMN:	Double C30030

LEFT END MULLION: 1 of Double C30030

RIGHT END MULLION: 1 of Double C30030

EAVE PURLIN: C15024 @ 5.14m long

PURLIN: Z15019 @ 5.66m long and 0.75m Max Spacing. Bridging Rows 1

SIDE GIRT: Z15019 @ 5.66m long and 1.00m Max Spacing. Bridging Rows 1

END GIRT: Z15019 @ 5.87m long and 0.80m Max Spacing. Bridging Rows 1

KNEE BRACE: Double C20019 @ 3.84m long

APEX BRACE: Double C20019 @ 3.96m long

NB: Knee brace installed 3.60m up the column

X Bracing is required:	Double Strap in:	3 side bay(s) (each side)
	Single Strap in:	3 roof bay(s) (both sides)

Fly Bracing is included to be placed on every second Purlin and Girt on Endwall Mullions, Internal Columns and Internal Rafters

**FOOTINGS:**

Min 100mm Slab thickened locally under each column by BORED footing

Concrete in Vertical Bored hole locally under each column 600mm x 2000mm Diameter x Depth  
with 6 x N12 Vertical Bars and R6 ligs @ 200mm Spacings

Column(s) Cast into Footing Minimum Embedment Depth to Be: 600mm

The above foundation details are only suitable for soil classification A.S. or M and S.B.V. 100 kPa min. for other soil types refer to a registered structural engineer.

Refer to sheet No '4' in plans for details other than shown on specification sheet and footing diagram sheet