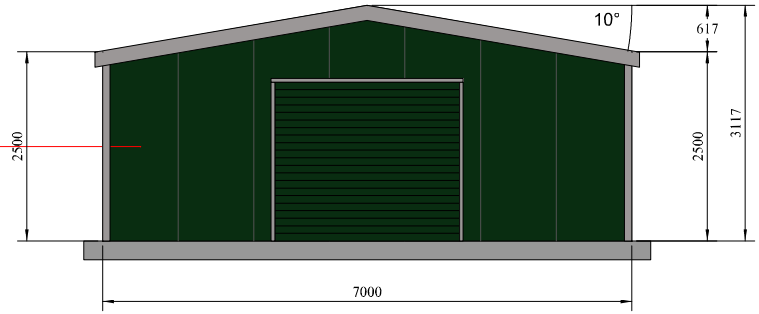
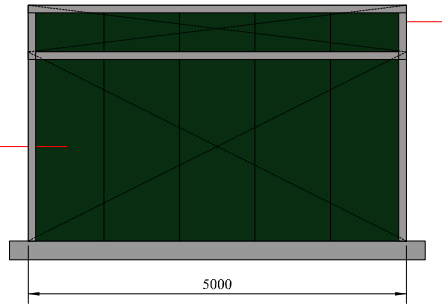
GENERAL NOTES:	3. DESIGN LOADS TO BS 6399-1:1997	4. WIND LOAD ACCORDING TO BS
1. ALL CLADDING TO BE CE MARKED AND HOT-DIP GALVANISED TO BS EN 10346:2009.	AND BS 6399-3:1997. DEAD LOADS:	6399-2:1997 WITH THE FOLLOWING
2. ALL STEEL (INCLUDING PURLINS) TO BE CE MARKED AND TO EXECUTION CLASS 2 AS PER EN 1090 - 1:2009 AND HOT-DIP GALVANISED TO BS EN 10346:2009 Fe E390G-Z275.	SW CONSIDERED INTERNALLY WITHIN PROGRAMME	PARAMETERS:
	-CEILINGS AND SERVICES = kN/m2	BASIC WIND SPEED = m/s
	-RAFTER CLADDINGS AND PURLINS = kN/m2	SITE ALTITUDE = m
	-COLUMN CLADDINGS AND RAILS = kN/m2	SITE ALTITUDE FACTOR =
	-SNOW LOAD = kN/m2	SEASONAL FACTOR = DIRECTION FACTOR =
	-LIVE LOAD = kN/m2	SITE DISTANCE FROM SEA = Coastal
		5.ALL STEEL TO HAVE YIELD STRENGTH Py = 450 MPa.



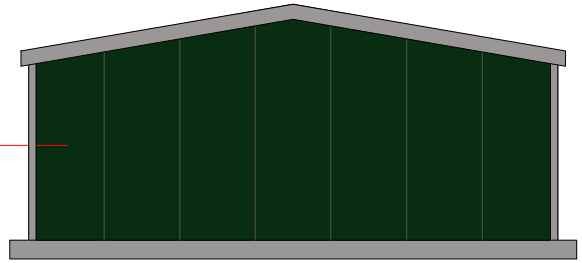
Wall Cladding Front Elevation (External)
AS35-60mm Composite PIR
(Colour: Juniper Green)



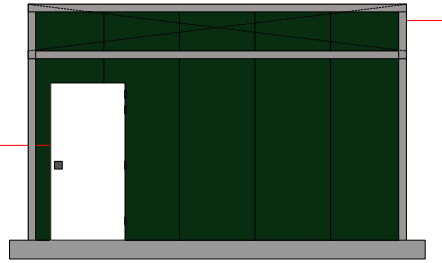
Left Elevation (Scale = 1:100)

Wall Cladding
AS35-60mm Composite PIR
(Colour: Juniper Green)

Roof Cladding
AS35-60mm Composite PIR
(Colour: Juniper Green)



Back Elevation (Scale = 1:100)



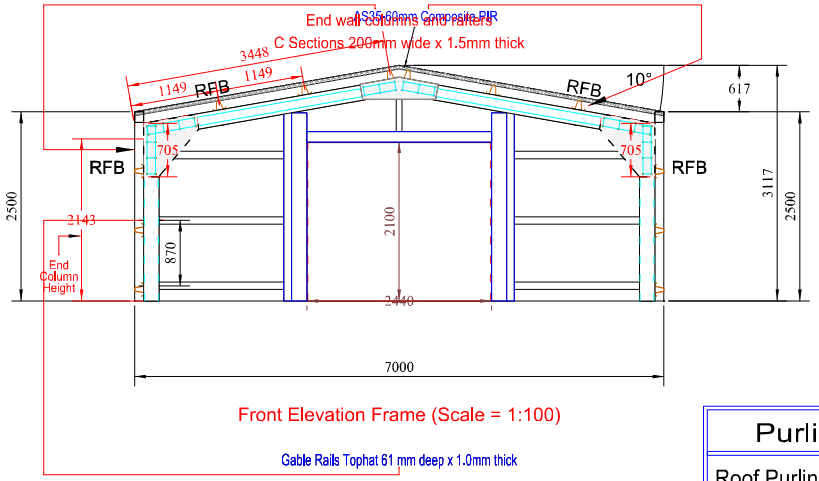
Right Elevation (Scale = 1:100)

Capital Steel Limited
Web: www.capitalsteelbuildings.co.uk
Email: info@capitalsteelbuildings.co.uk

Supplied By: Murray Steel Buildings
Phone 01383 668820
Email peter@murraysteelbuildings.com

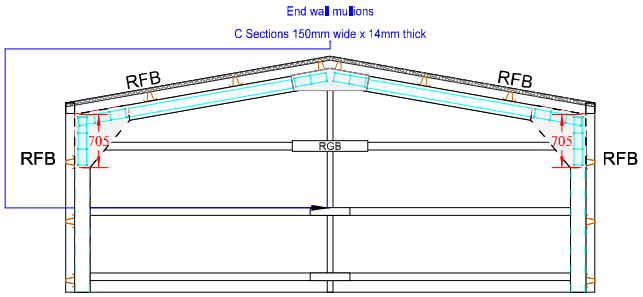
Customer: Terry Woodham
Specialist Fit Out Contractors, Block A Unit 3, Nup
End Industrial Estate, Nup End, Old Knebworth, KNEBWORTH, SG3 6QJ

GENERAL NOTES:	3. DESIGN LOADS TO BS 6399-1:1997	4. WIND LOAD ACCORDING TO BS
1. ALL CLADDING TO BE CE MARKED AND HOT-DIP GALVANISED TO BS EN 10346:2009.	AND BS 6399-3:1997. DEAD LOADS:	6399-2:1997 WITH THE FOLLOWING
2. ALL STEEL (INCLUDING PURLINS) TO BE CE MARKED AND TO EXECUTION CLASS 2 AS PER EN 1090 - 1:2009 AND HOT-DIP GALVANISED TO BS EN 10346:2009 Fe E390G-Z275.	SW CONSIDERED INTERNALLY WITHIN PROGRAMME	PARAMETERS:
	-CEILINGS AND SERVICES = kN/m2	BASIC WIND SPEED = m/s
	-RAFTER CLADDINGS AND PURLINS = kN/m2	SITE ALTITUDE = m
	-COLUMN CLADDINGS AND RAILS = kN/m2	SITE ALTITUDE FACTOR =
	-SNOW LOAD = kN/m2	SEASONAL FACTOR = DIRECTION FACTOR =
	-LIVE LOAD = kN/m2	SITE DISTANCE FROM SEA = Coastal
		5.ALL STEEL TO HAVE YIELD STRENGTH Py = 450 MPa.

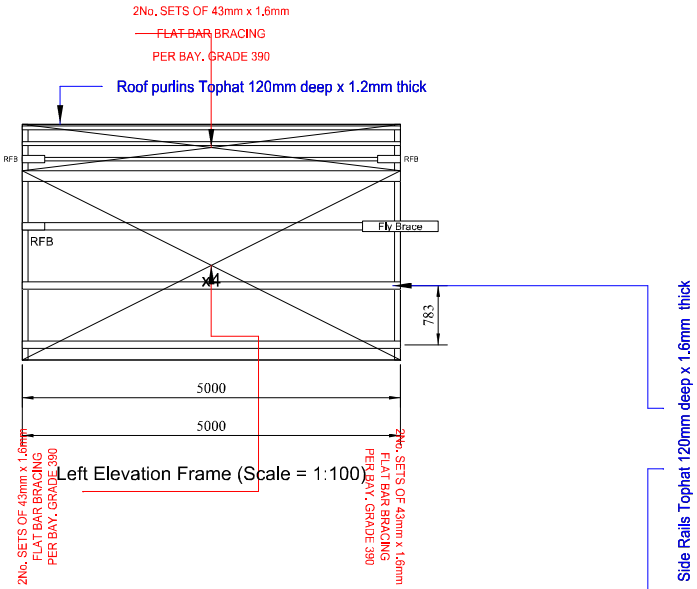


Front Elevation Frame (Scale = 1:100)

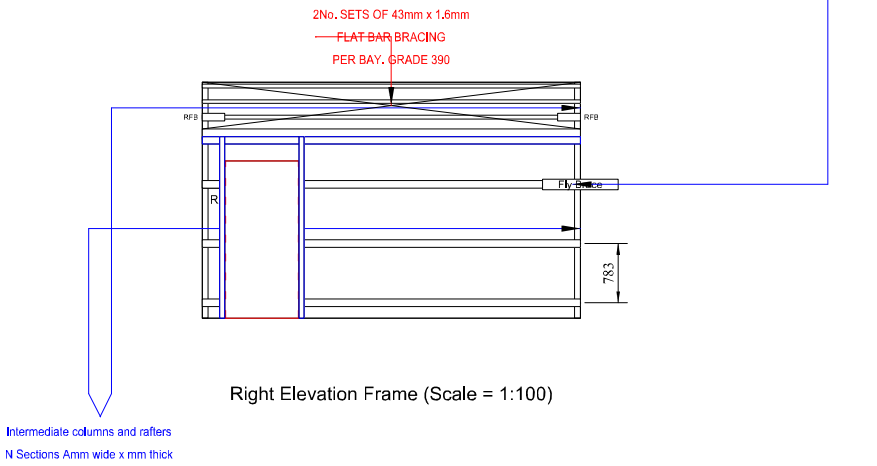
Purlins and Rails		
Roof Purlins	TH121245	at 1.163
Side Rails	TH121645	at 1.07
Gable Rails	TH6110	at 1.163



Back Elevation Frame (Scale = 1:100)



Left Elevation Frame (Scale = 1:100)



Right Elevation Frame (Scale = 1:100)

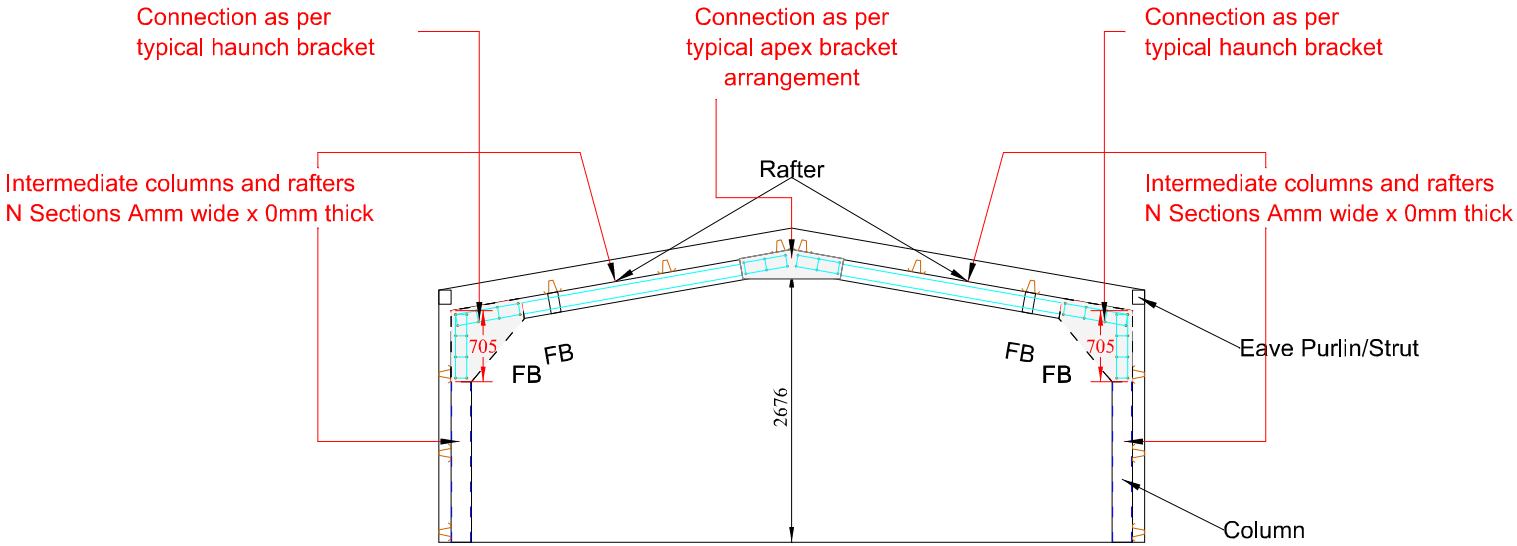
Capital Steel Limited
Web: www.capitalsteelbuildings.co.uk
Email: info@capitalsteelbuildings.co.uk

Supplied By: Murray Steel Buildings
Phone 01383 668820
Email peter@murraysteelbuildings.com

Customer: Terry Woodham

Specialist Fit Out Contractors, Block A Unit 3, Nup End Industrial Estate, Nup End, Old Knebworth, KNEBWORTH, SG3 6QJ

GENERAL NOTES:	3. DESIGN LOADS TO BS 6399-1:1997	4. WIND LOAD ACCORDING TO BS
1. ALL CLADDING TO BE CE MARKED AND HOT-DIP GALVANISED TO BS EN 10346:2009.	AND BS 6399-3:1997. DEAD LOADS:	6399-2:1997 WITH THE FOLLOWING
2. ALL STEEL (INCLUDING PURLINS) TO BE CE MARKED AND TO EXECUTION CLASS 2 AS PER EN 1090 - 1:2009 AND HOT-DIP GALVANISED TO BS EN 10346:2009 Fe E390G-Z275.	SW CONSIDERED INTERNALLY WITHIN PROGRAMME	PARAMETERS:
	-CEILINGS AND SERVICES = kN/m2	BASIC WIND SPEED = m/s
	-RAFTER CLADDINGS AND PURLINS = kN/m2	SITE ALTITUDE = m
	-COLUMN CLADDINGS AND RAILS = kN/m2	SITE ALTITUDE FACTOR =
	-SNOW LOAD = kN/m2	SEASONAL FACTOR = DIRECTION FACTOR =
	-LIVE LOAD = kN/m2	SITE DISTANCE FROM SEA = Coastal
		5.ALL STEEL TO HAVE YIELD STRENGTH Py = 450 MPa.



Cross Section (Scale = 1:75)

Capital Steel Limited
Web: www.capitalsteelbuildings.co.uk
Email: info@capitalsteelbuildings.co.uk

Supplied By: Murray Steel Buildings
Phone 01383 668820
Email peter@murraysteelbuildings.com

Customer: Terry Woodham
Specialist Fit Out Contractors, Block A Unit 3, Nup End Industrial Estate, Nup End, Old Knebworth, KNEBWORTH, SG3 6QJ

GENERAL NOTES

1. ALL CLADDING TO BE CE MARKED AND HOT-DIP GALVANISED TO BS EN 10346:2009.

2. ALL STEEL (INCLUDING PURLINS) TO BE CE MARKED AND TO EXECUTION CLASS 2 AS PER EN 1090 - 1:2009 AND HOT-DIP GALVANISED TO BS EN 10346:2009 Fe E390G-Z275.

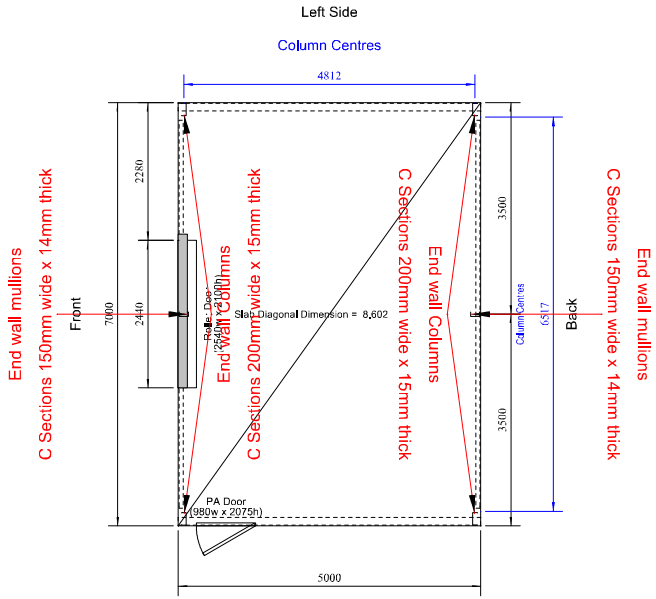
3. DESIGN LOADS TO BS 6399-1:1997 AND BS 6399-3:1997. DEAD LOADS: SW CONSIDERED INTERNALLY WITHIN PROGRAMME
-CEILINGS AND SERVICES = kN/m2
-RAFTER CLADDINGS AND PURLINS = kN/m2
-COLUMN CLADDINGS AND RAILS = kN/m2
-SNOW LOAD = kN/m2
-LIVE LOAD = kN/m2

4. WIND LOAD ACCORDING TO BS 6399-2:1997 WITH THE FOLLOWING PARAMETERS:
BASIC WIND SPEED = m/s
SITE ALTITUDE = m
SITE ALTITUDE FACTOR =
SEASONAL FACTOR =
DIRECTION FACTOR =
SITE DISTANCE FROM SEA = Coastal

5. ALL STEEL TO HAVE YIELD STRENGTH Py = 450 MPa.

Intermediate columns

N Sections Amm wide x 0mm thick



Floor Plan (Scale = 1:125)

Intermediate columns

N Sections Amm wide x 0mm thick

UNFACTORED REACTION FORCES

Main			Gable		
RX		KN	RX		KN
Ry↑		KN	Ry↑		KN
Ry↓		KN	Ry↓		KN

Bracing Loads

Additional Uplift	Additional Shear

NOTE:
1. MAIN FRAME BASE CLEATS = 1x90x90x6mm CLEATS WITH 2No. HSA STUD ANCHORS PER CLEAT.

2. GABLE FRAME BASE CLEATS = 1x90x90x6mm CLEATS WITH 2No. HSA STUD ANCHORS PER CLEAT.

Capital Steel Limited
Web: www.capitalsteelbuildings.co.uk
Email: info@capitalsteelbuildings.co.uk

Supplied By: Murray Steel Buildings
Phone 01383 668820
Email peter@murraysteelbuildings.com

Customer: Terry Woodham
Specialist Fit Out Contractors, Block A Unit 3, Nup End Industrial Estate, Nup End, Old Knebworth, KNEBWORTH, SG3 6QJ

GENERAL NOTES

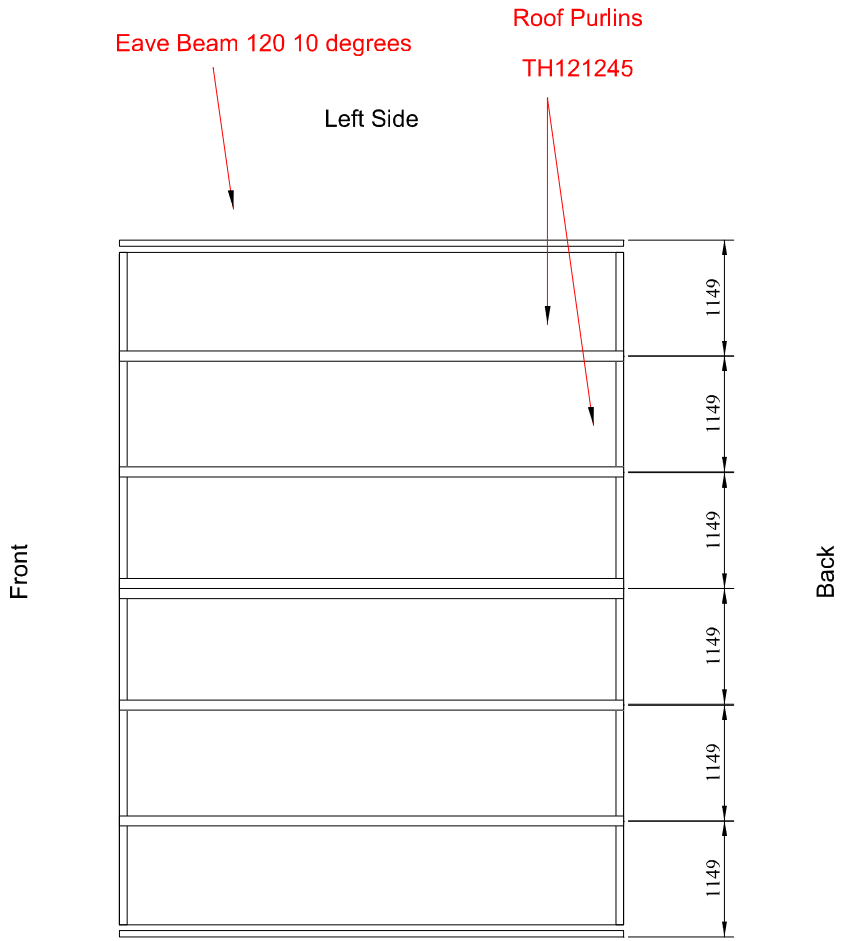
1. ALL CLADDING TO BE CE MARKED AND HOT-DIP GALVANISED TO BS EN 10346:2009.

2. ALL STEEL (INCLUDING PURLINS) TO BE CE MARKED AND TO EXECUTION CLASS 2 AS PER EN 1090 - 1:2009 AND HOT-DIP GALVANISED TO BS EN 10346:2009 Fe E390G-Z275.

3. DESIGN LOADS TO BS 6399-1:1997 AND BS 6399-3:1997. DEAD LOADS: SW CONSIDERED INTERNALLY WITHIN PROGRAMME
-CEILINGS AND SERVICES = kN/m2
-RAFTER CLADDINGS AND PURLINS = kN/m2
-COLUMN CLADDINGS AND RAILS = kN/m2
-SNOW LOAD = kN/m2
-LIVE LOAD = kN/m2

4. WIND LOAD ACCORDING TO BS 6399-2:1997 WITH THE FOLLOWING PARAMETERS:
BASIC WIND SPEED = m/s
SITE ALTITUDE = m
SITE ALTITUDE FACTOR =
SEASONAL FACTOR =
DIRECTION FACTOR =
SITE DISTANCE FROM SEA = Coastal

5. ALL STEEL TO HAVE YIELD STRENGTH Py = 450 MPa.



Roof Plan (Scale = 1:75)

Capital Steel Limited
Web: www.capitalsteelbuildings.co.uk
Email: info@capitalsteelbuildings.co.uk

Supplied By: Murray Steel Buildings
Phone 01383 668820
Email peter@murraysteelbuildings.com

Customer: Terry Woodham
Specialist Fit Out Contractors, Block A Unit 3, Nup End Industrial Estate, Nup End, Old Knebworth, KNEBWORTH, SG3 6QJ