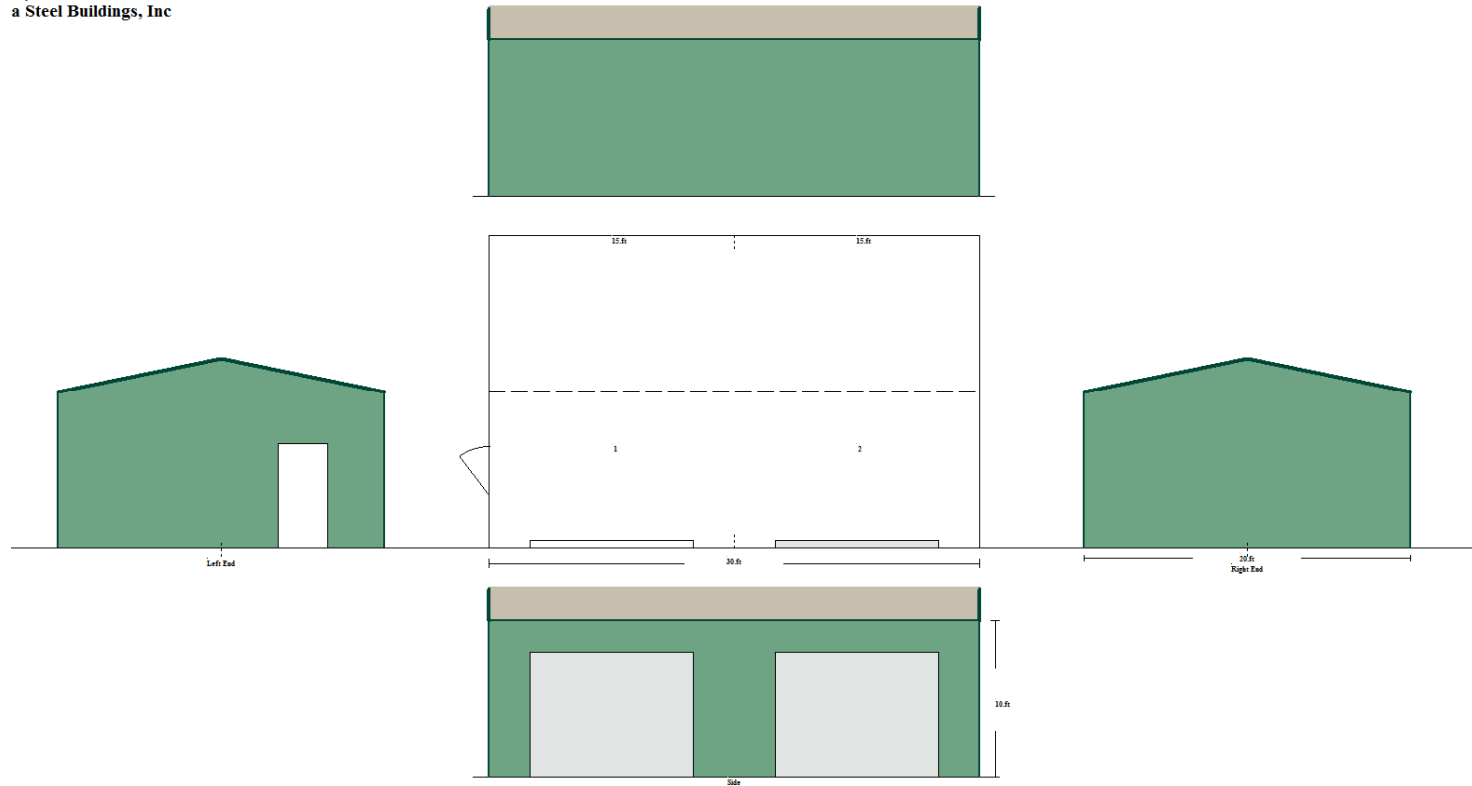




Garage 25 X 25

d by:
a Steel Buildings, Inc





Garage

Structural Details and Foundation Guideline

Structural Details

DIMENSIONS: Span 25.0 Length 25.0 Eaves 10.0 Apex 12.66 Roof Pitch 2.55:12

RAFTERS. 8 x 2C08X16 @ 11.44ft long

COLUMNS. 8 x 2C08X16 @ 10.04ft long

EAVES PURLIN. 4 x C04X16 @ 12.5ft long

PURLINS. 4 rows of Z4X16 @ 12.8ft long and 3.1ft Spacing.

SIDE GIRTS. 3 rows of Z6X16 @ 12.8ft long and 3.28ft Spacing.

END GIRTS. 4 rows of Z4X16 @ 7.86ft long and 3.28ft Spacing.

ENDWALL COLUMNS. 2 per end of C08X16 ROOF PITCH 12.0Deg

Classic Rib 26GA Ptd Light Stone ROOF SHEETS. @ 12.95ft long

Classic Rib 26GA Ptd Sierra Green WALL SHEETS. @ 10.ft long

ROOF FASTENERS. 12-14 X 1 7/8 Crest Fixing Tek Ptd

PURLIN/GIRT FASTENERS. 14x1 Screw Tek Hex Bare CL3 H/Duty

FRAME CONNECTIONS by 5/8in x 1 1/4 Bolt Ass High Tensile

4 Knee Braces Used @ 6.2ft of 4in 14G CEE - Knee Brace Start Height = 5.19ft

2 Apex Braces Used @ 8.3ft of 4in 14G CEE

Downspout drops requiring x 10ft Lths of pipe.

362ft of Bracing Strap (100ft roll) 1 1/2 x 14G Required, Supplied as 4 X 100ft rolls.

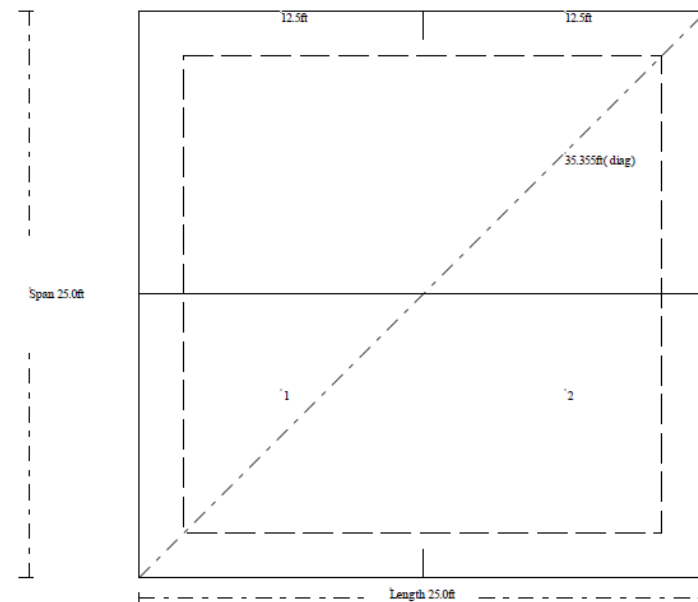
X Bracing requires 348ft of 1 1/2in x 14G Strapping Single

Flybracing included at 9.83ft for EndWall mullions.

and at 8.0ft Max for interior frame rafters and columns with wall girts.

* Base angle provided in lieu of bottom girt.

Monolithic Concrete Slab Edge Estimate, edge 12in wide by 12in deep with (1)-#4 at top of slab edge and (1)-#4 at bottom of slab edge





Garage 25 X 25

- Engineered Drawings for Building and Foundation
- Structural Steel for Building
- Steel Framing all Doors
- All Bolts and Fasteners for Erection including Color-Matched screws
- 26 Gauge Steel Classic Rib Paneling Siding and Roofing
- 1 TelStar Steel 3' X 6'8" Steel Door
- 2 Clopay Canister Doors 10' X 8'