



Smart Roofs for Smart People®

# HIGH WIND DESIGN

## FEE Based Calculation Request OVER 40-ft.

Metro Roof Products – Engineering Dept. 3093 'A' Industry St., Oceanside CA 92054 PH (760) 435-9842 FX (760) 435-9412

NOTE: This is a FEE based engineering analysis request for projects with either a 'Mean Roof Height' over 40-feet or that require 'Site-Specific' engineering. Answer, completely the following questions regarding your roofing project. Upon completion of this form **FAX to (760) 435-9412 Att; Metro Engineering**. Please call to **verify our receipt & accept the fee**, allow up to four (4) weeks to process this engineering calculation request.

### SITE Info:

SITE NAME & ADDRESS: \_\_\_\_\_

SITE CITY & STATE: \_\_\_\_\_

SITE WIND SPEED REQUIREMENT (IF KNOWN): 130-mph  140-mph  150-mph

SITE WIND EXPOSURE RATING REQUIREMENT (IF KNOWN): Exp.-B  Exp.-C

### ROOF Info:

(A) HEIGHT (FROM GROUND) TO RIDGE: \_\_\_\_\_

(B) HEIGHT (FROM GROUND) TO EAVE: \_\_\_\_\_

(C) ADD HEIGHT (A) & (B) = \_\_\_\_\_

HEIGHT (C) DIVIDED BY 2 = \_\_\_\_\_ **MEAN ROOF HEIGHT**

ROOF PITCH: \_\_\_\_\_ (Pitches between 2:12 to 7:12 (10-30-degrees) result in higher uplift pressures)

ROOF RAFTER SPACING: \_\_\_\_\_ (IF KNOWN) BLDG. WIDTH: \_\_\_\_\_ (IF KNOWN)

ROOF OVERHANG AVERAGE DISTANCE: \_\_\_\_\_ (IF KNOWN)

ROOF DECK MATERIAL: 5/8"Plywood  STEEL-B Deck Horizontal to rafter   
Concrete  STEEL-B Deck Vertical to rafter

METRO ROOF PANEL: ROMAN Tile  TILE-II  SHAKE-II  SHINGLE

METRO CONST.: DIRECT to DECK  BATTEN  Batten-Wood   
Batten-Steel

### YOUR Contact Info:

E-Mail: \_\_\_\_\_

Name: \_\_\_\_\_ PH: \_\_\_\_\_ FX \_\_\_\_\_

Company: \_\_\_\_\_

Address, City State, Zip: \_\_\_\_\_