

# ATDA UNIT #6 – STRUCTURAL SYSTEM GRADING RUBRIC

NAME: \_\_\_\_\_

PERIOD: \_\_\_\_\_

## I STRUCTURAL LAYOUT DRAWING

Structural grid shown on a floor plan view (hide all other layers)

End **trusses** placed and color-coded for easier viewing. Label matches corresponding schedule

Interior **trusses** placed and color-coded for easier viewing. Label matches corresponding schedule

Exterior **beams** placed and color-coded for easier viewing. Label matches corresponding schedule

Interior **beams** placed and color-coded for easier viewing. Label matches corresponding schedule

Corner **columns** placed and coded for easier viewing. Label matches corresponding schedule

Exterior and interior **columns** placed and coded for easier viewing. Label matches corresponding schedule

\_\_\_\_\_ 50 points

## ii DETAIL VIEWS

Complete 3D isometric view shown in color and labeled

Details can be seen clearly in 3D isometric view

Enlarged 3D isometric view shown in color and labeled

Details can be seen clearly in enlarged 3D isometric view

Views placed in proper location as per instructor sample

\_\_\_\_\_ 20 points

## III STRUCTURAL SCHEDULE & TITLE BLOCK

Truss schedule has abbreviation, designation and quantity placed accurately

Beam schedule has abbreviation, designation and quantity placed accurately

Column schedule has abbreviation, designation and quantity placed accurately

Title block in proper form, dated and numbered for drawing 06 of 10

Meridian arrow placed to discern direction

\_\_\_\_\_ 30 points

**TOTAL**

\_\_\_\_\_ 100 points