

PACIFIC COUNTY POLE BUILDINGS

FOR 'U' OCCUPANCIES ONLY

NAME: _____ DEVELOPMENT NO.: _____ DATE: _____

BLDG SIZE: ___ X ___

APPROVED BY: _____

DATE: _____

POST SIZE AND FOOTING DIMENSIONS:

100 MPH BASIC WIND SPEED WITH EXPOSURE 'B'

| CHECK ONE | EAVE HEIGHT | TRUSS BEARING POSTS | FOOTING (DIAMETER X DEPTH) |
|-----------|-------------|--|----------------------------|
| _____ | 10 FEET | 6" x 6" (<small>24'-0" MAXIMUM BUILDING WIDTH</small>) | 2'-0" x 4'-0" |
| _____ | 12 FEET | 6" x 8" | 2'-0" x 4'-6" |
| _____ | 14 FEET | 6" x 10" | 2'-0" x 5'-0" |

100 MPH BASIC WIND SPEED WITH EXPOSURE 'C'

| CHECK ONE | EAVE HEIGHT | TRUSS BEARING POSTS | FOOTING (DIAMETER X DEPTH) |
|-----------|-------------|---------------------|----------------------------|
| _____ | 10 FEET | 6" x 8" | 2'-0" x 4'-0" |
| _____ | 12 FEET | 6" x 10" | 2'-0" x 4'-6" |
| _____ | 14 FEET | 6" x 12" | 2'-0" x 5'-0" |

100 MPH BASIC WIND SPEED WITH EXPOSURE 'D'

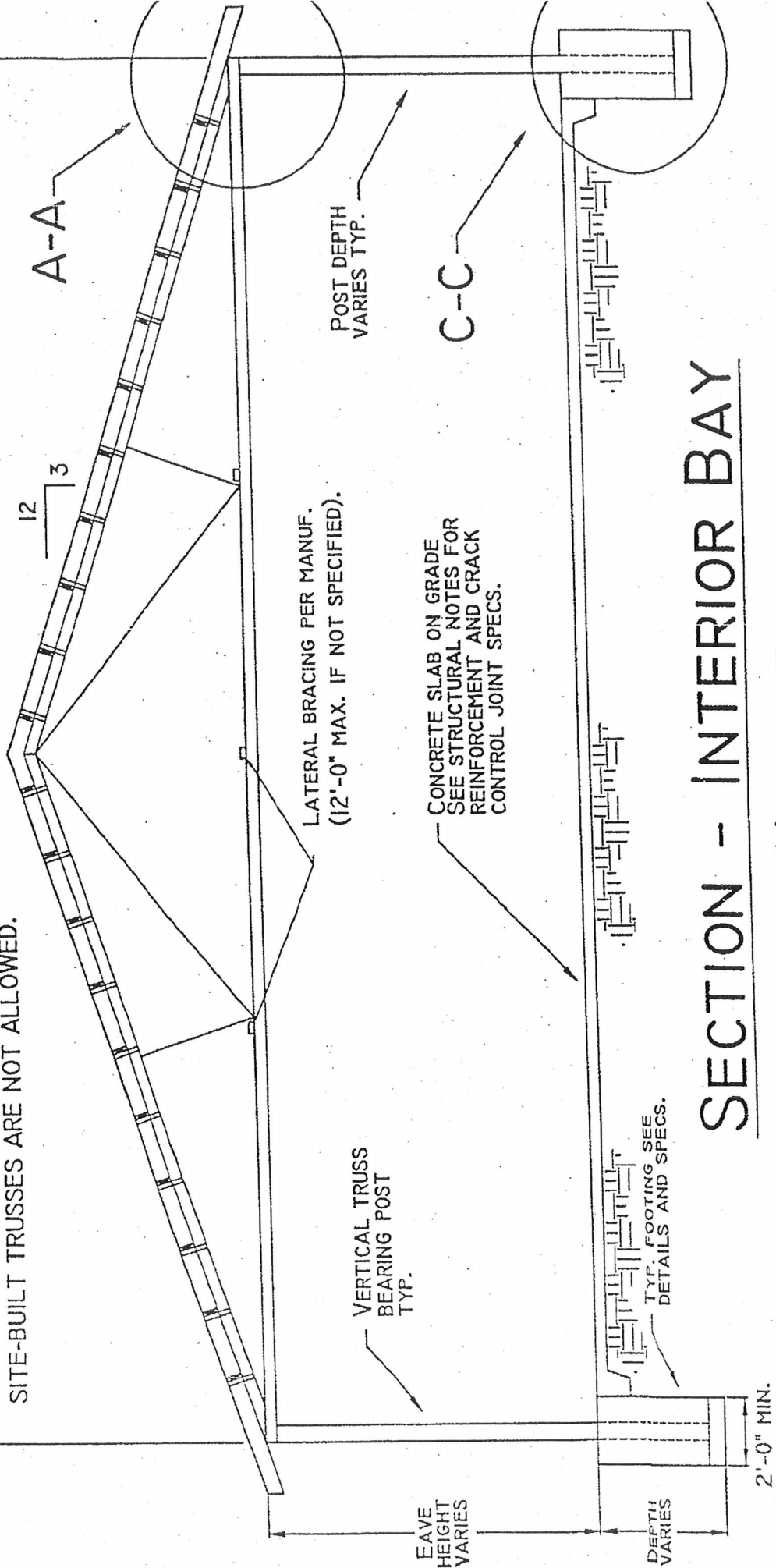
| CHECK ONE | EAVE HEIGHT | TRUSS BEARING POSTS | FOOTING (DIAMETER X DEPTH) |
|-----------|-------------|---------------------|----------------------------|
| _____ | 10 FEET | 6" x 10" | 2'-0" x 4'-6" |
| _____ | 12 FEET | 6" x 12" | 2'-0" x 5'-0" |
| _____ | 14 FEET | 6" x 14" | 2'-0" x 5'-6" |

NOTES:

1. ALL VERTICAL BEARING POSTS SET INTO THE GROUND ARE TO BE HEM/FIR SELECT STRUCTURAL OR DOUGLAS FIR NO. 1 PRESSURE TREATED TO 0.60 RETENTION WITH CCA TYPE C.
2. FOOTING CONCRETE 28 DAY STRENGTH SHALL BE 2,500 PSI, AND SHALL BE CAST AGAINST FIRM FIRM UNDISTURBED NATIVE SOIL. NO EXCAVATIONS ARE ALLOWED ADJACENT TO POSTS THAT WILL COMPROMISE THE LATERAL BEARING OF THE FOOTINGS.
3. TRUSSES MUST BE MANUFACTURED AND ENGINEERED.
4. SITE-BUILT TRUSSES ARE NOT ALLOWED.

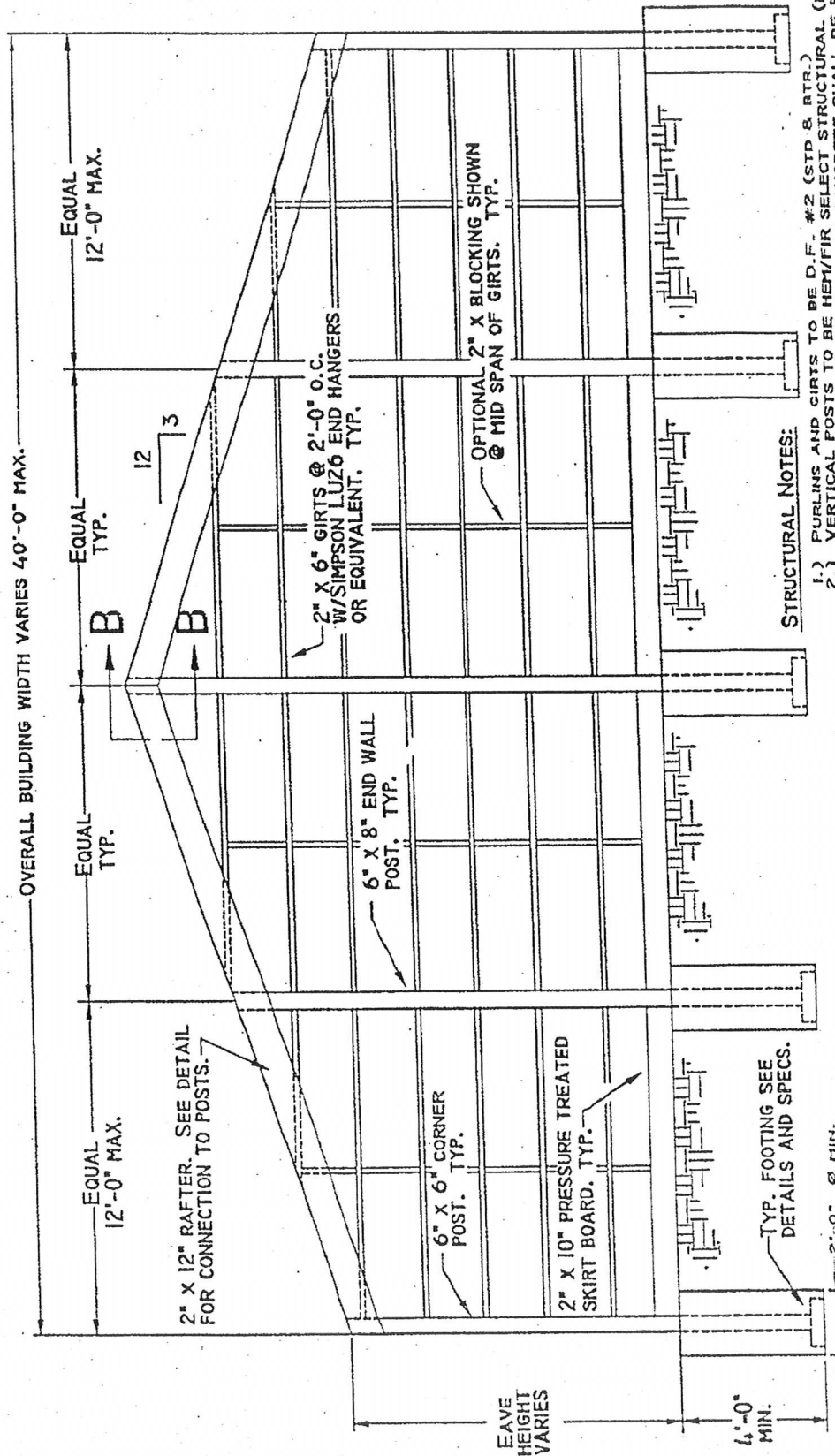
OVERALL BUILDING WIDTH VARIES 40'-0" MAX.
(OVERALL BUILDING LENGTH VARIES 12'-0" MAX. BAY SPACING)

TRUSSES MUST BE MANUFACTURED AND ENGINEERED.
SITE-BUILT TRUSSES ARE NOT ALLOWED.



SECTION - INTERIOR BAY

NO SCALE



STRUCTURAL NOTES:

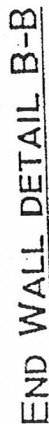
- 1.) PURLINS AND GIRTS TO BE D.F. #2 (STD & RTR.)
- 2.) VERTICAL POSTS TO BE HEM/FIR SELECT STRUCTURAL (PRESSURE TREATED)
- 3.) WOOD IN CONTACT W/GROUND OR CONCRETE SHALL BE PRESSURE TREATED
- 4.) ALL BOLTS, WASHERS AND METAL TIES SHALL BE HOT DIPPED GALVANIZED OR ZINC COATED. BOLTS A307
- 5.) CONCRETE FOOTINGS & SLABS SHALL BE 2500 PSI (28DAY)
- 6.) REINFORCING BARS SHALL BE GRADE 40
- 7.) ALL VERTICAL POST FOOTINGS SHALL BE EXCAVATED TO NEAT LINES AND ALL LOOSE SOIL REMOVED. FOOTINGS SHALL BE CAST AGAINST FIRM UNDISTURBED SOIL, SIDE WALL AND AT BOTTOM

SECTION - END WALL

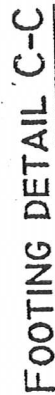
NO SCALE



NO SCALE

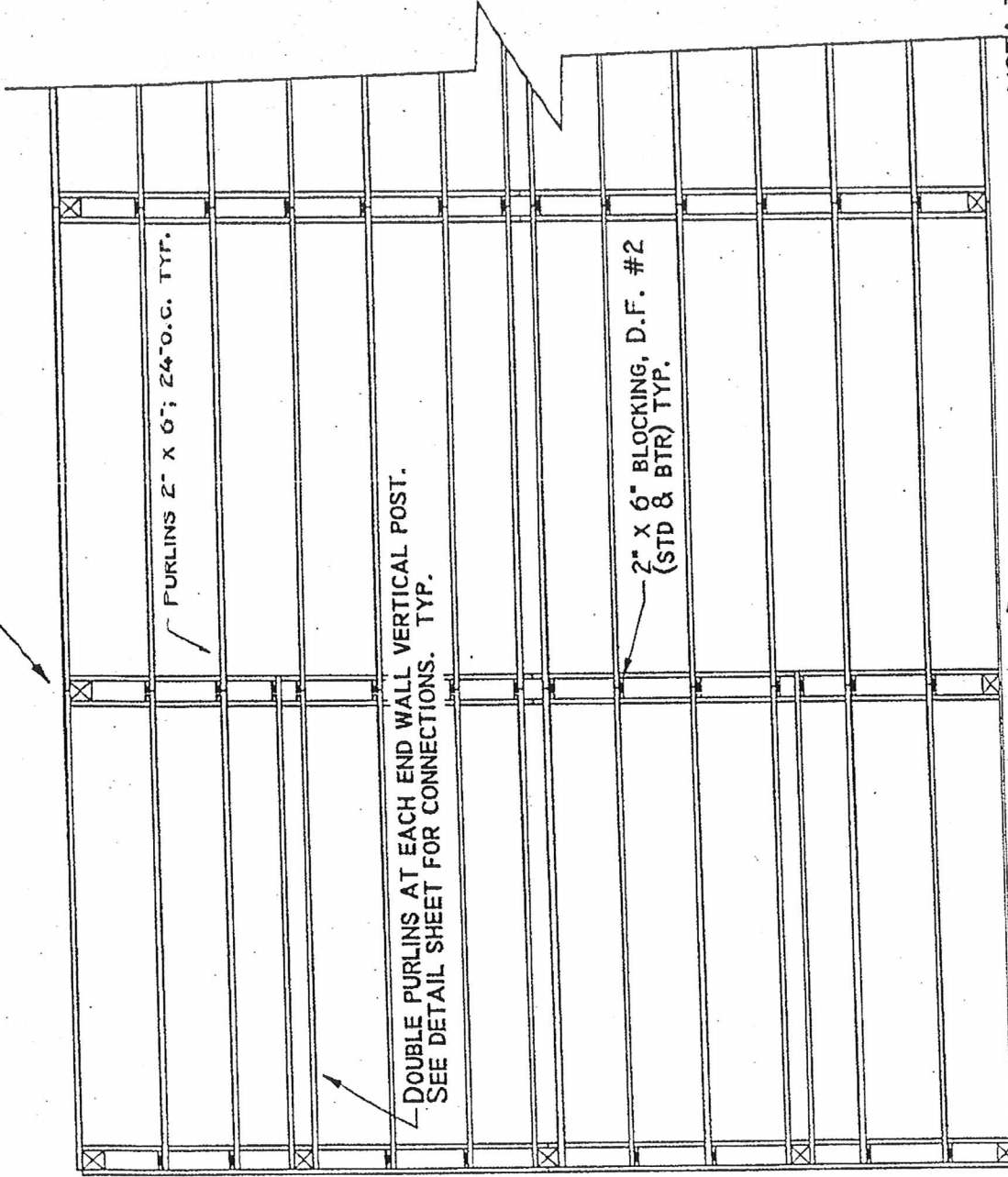


NO SCALE



NO SCALE

CHECK SCHEDULE FOR TRUSS POST
SIZE REQUIREMENTS. TYP.



6" X 6" END WALL POST
OK TO USE UP TO 12'-0"
IF END WALL POST HEIGHT
EXCEEDS 12'-0" THEN
6" X 8" POSTS SHALL
BE USED. TYP.

NOTE:

FOR VARIOUS BUILDING
WIDTHS ADD OR DELETE
12'-0" SECTIONS
AS NEEDED. TYP.

EAVE GIRT CONTINUOUS W/SIMPSON MSTA 36
TIE STRAPS OR EQUIVALENT ACROSS SPLICES. TYP.

6" X 6" CORNER
POSTS TYP.

PURLIN & BLOCKING PLAN VIEW

NO SCALE

Exposure Category - R301.2.1.4

For each wind direction considered, an exposure category that adequately reflects the characteristics of ground surface irregularities shall be determined for the site at which the building or structure is to be constructed. For a site located in the transition zone between categories, the category resulting in the largest wind forces shall apply. Account shall be taken of variations in ground surface roughness that arise from natural topography and vegetation as well as from constructed features. For a site where multiple detached one- and two-family dwellings, townhouses or other structures are to be constructed as part of a subdivision or master-planned community, or are otherwise designated as a developed area by the authority having jurisdiction, the exposure category for an individual structure shall be based on the site conditions that will exist at the time when all adjacent structures on the site have been constructed, provided that their construction is expected to begin within 1 year of the start of construction for the structure for which the exposure category is determined. For any given wind direction, the exposure in which a specific building or other structure is sited shall be assessed as being one of the following categories:

Exposure B - Urban and suburban areas, wooded areas or other terrain with numerous closely spaced obstructions having the size of single-family dwellings or larger. Exposure B shall be assumed unless the site meets the definition of another type exposure.

Exposure C - Open terrain with scattered obstructions, including surface undulations or other irregularities, having heights generally less than 30 feet (9144 mm) extending more than 1,500 feet (457 m) from the building site in any quadrant. This exposure shall apply to any building located within Exposure B type terrain where the building is directly adjacent to open areas of Exposure C type terrain in any quadrant for a distance of more than 600 feet (183 m). This category includes flat, open country and grasslands.

Exposure D - Flat, unobstructed areas exposed to wind flowing over open water, smooth mud flats, salt flats and unbroken ice for a distance of not less than 5,000 feet (1524 m). This exposure shall apply only to those buildings and other structures exposed to the wind coming from over the unobstructed area. Exposure D extends downwind from the edge of the unobstructed area a distance of 600 feet (183 m) or 20 times the height of the building or structure, whichever is greater.