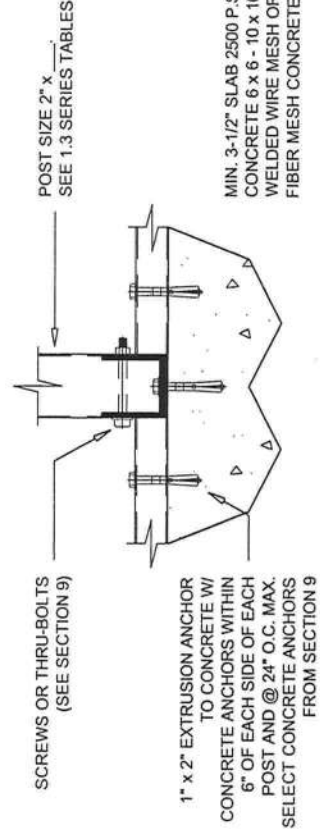
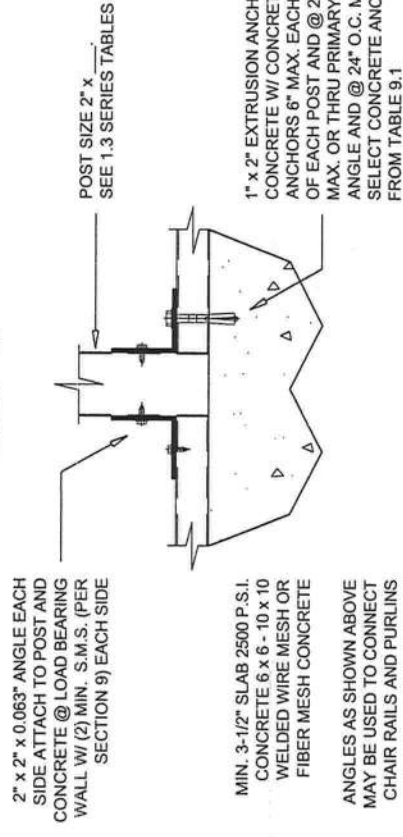
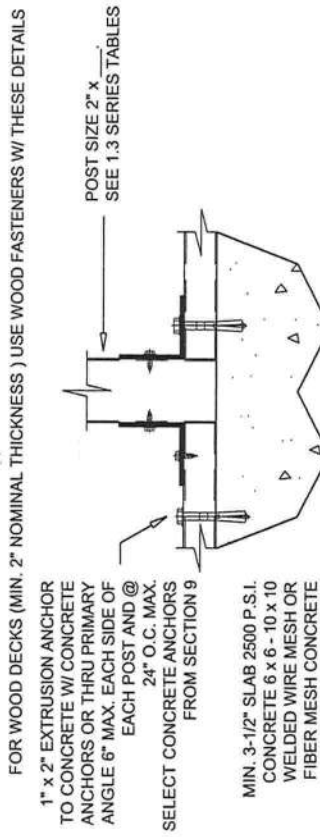




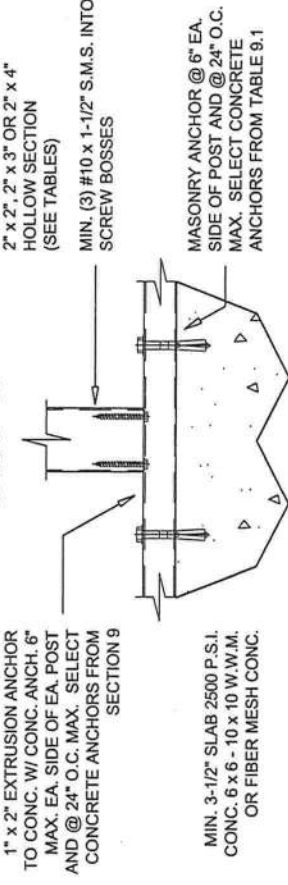
**POST TO PLATE TO CONCRETE DETAIL**  
SCALE: 2" = 1'-0"



**ALTERNATE POST TO BEAM AND PLATE TO CONCRETE DETAIL**  
SCALE: 2" = 1'-0"



**SIDE WALL POST TO PLATE TO CONCRETE DETAIL**  
SCALE: 2" = 1'-0"

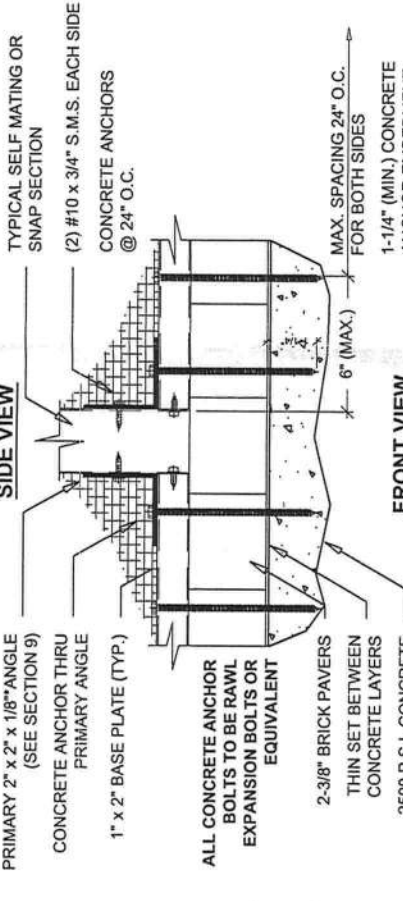
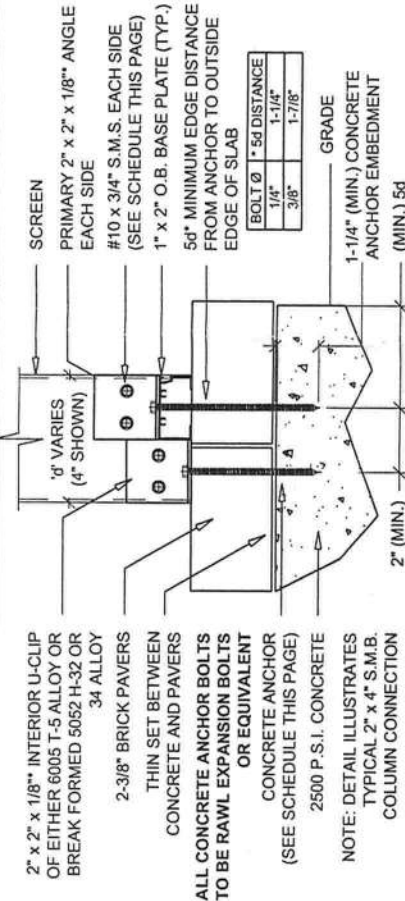


**SIDE WALL HOLLOW POST TO BASE DETAIL**  
SCALE: 2" = 1'-0"

#### POOL ENCLOSURE UPRIGHT TO DECK ANCHOR REQUIREMENTS

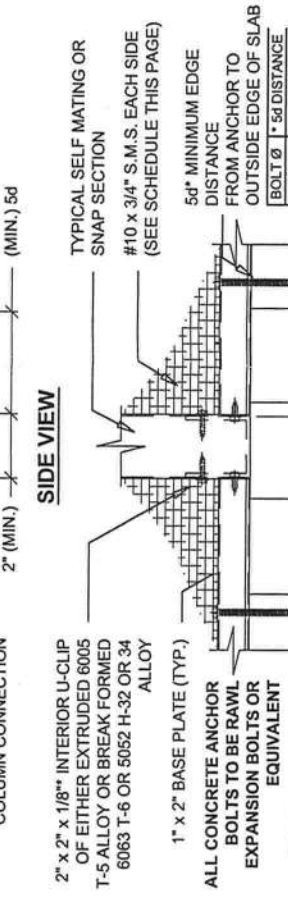
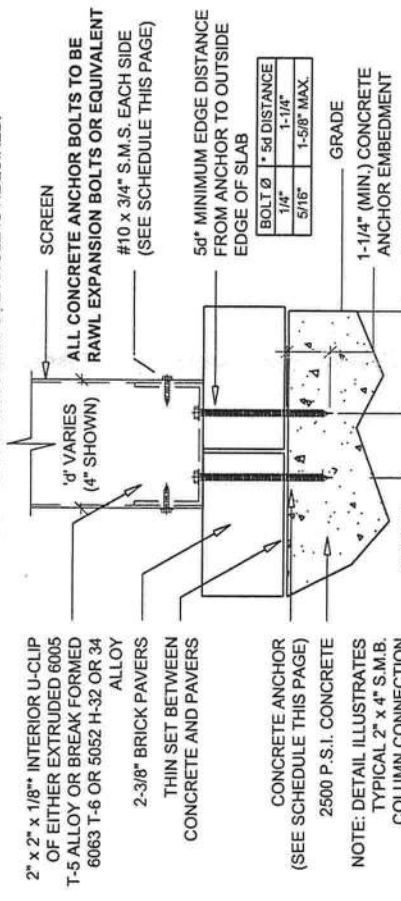
**General Notes and Specifications:**  
1. The uplift load on a pool enclosure upright is calculated as 1/2 the beam span x the beam spacing x the screen load of 7# / Sq. Ft.  
EXAMPLE:  
FOR A 2' x 6' BEAM WITH A SPAN OF 23' AND A BEAM & UPRIGHT SPACING OF 7' USE: 1/2 x 17'-11" x 7' x 10# / Sq. Ft. = 627.2# UPLIFT

- Table 1.6 of this manual uses the worst case loads for all cases.
- In all cases there must be a primary anchor within 6" of each side of the upright.
- For attachment to wood deck (min. 2" nominal thickness) use wood anchors with details shown above (min. 1-3/8" embedment).



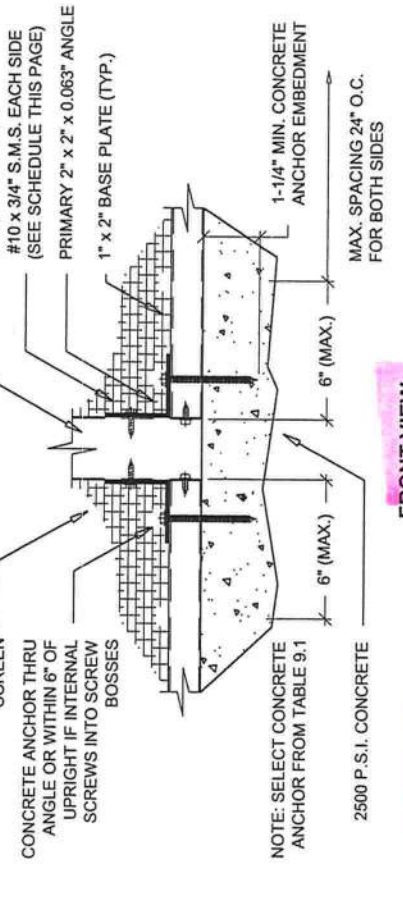
**2" x 4" OR LARGER SELF MATING SECTION POST TO DECK/PAVER DETAILS**  
SCALE: 2" = 1'-0"

NOTE: FOR SIDE WALLS OF 2" x 4" OR SMALLER ONLY ONE ANGLE IS REQUIRED.



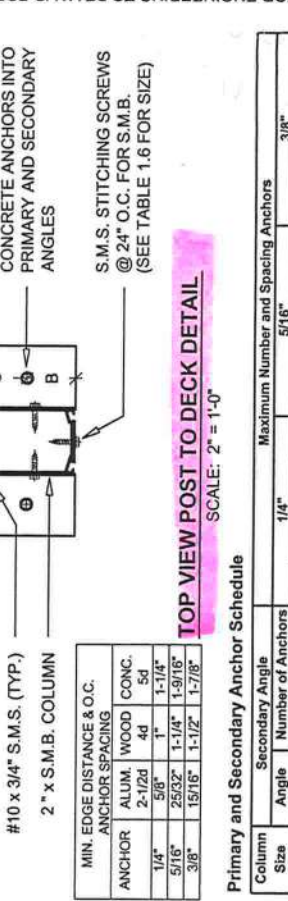
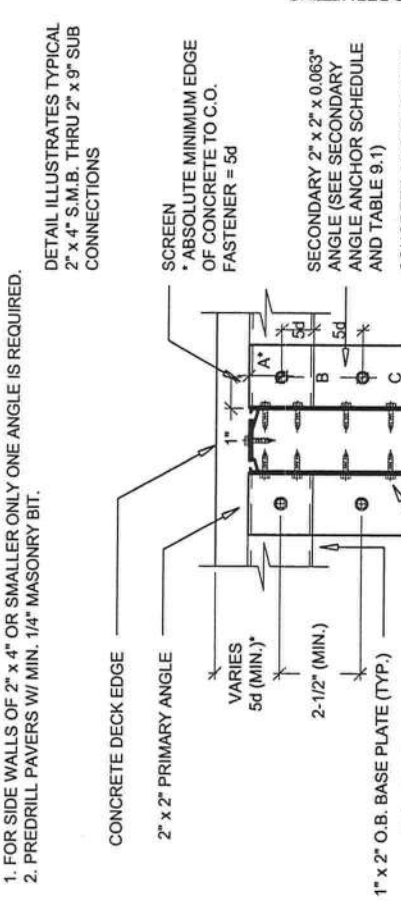
**2" x 4" OR LARGER SELF MATING SECTION POST TO DECK/PAVER DETAILS**  
SCALE: 2" = 1'-0"

NOTE: 1. FOR SIDE WALLS OF 2" x 4" OR SMALLER ONLY ONE ANGLE IS REQUIRED.  
2. PREDRILL PAVERS W/ MIN. 1/4" MASONRY BIT.  
\* FOR UPRIGHTS OF 2" x 9" AND LARGER USE 1/4" ANGLES MIN.



**2" x 4" OR LARGER SELF MATING OR SNAP SECTION POST TO DECK DETAILS**  
SCALE: 2" = 1'-0"

NOTE: 1. FOR SIDE WALLS OF 2" x 4" OR SMALLER ONLY ONE ANGLE IS REQUIRED.  
2. PREDRILL PAVERS W/ MIN. 1/4" MASONRY BIT.



**TOP VIEW POST TO DECK DETAIL**  
SCALE: 2" = 1'-0"

NOTE: Calculate the number of anchors required: 1.5 x beam span / 2 x beam spacing x roof wind pressure (PSE) = total #; if 1.5 x 30' / 2 x 6' x 10' PSE = 1350# / 427# / ea. = 3.16 ea. use (3) ea., secondary angle not required. Actual Edge Distance Example: From edge of concrete to fastener = 2" / dia. of 0.25" = 8d

| Column Size | Secondary Angle Length "L" | Maximum Number and Spacing Anchors |     |     |     |     |     |     |     |     |     |     |     |
|-------------|----------------------------|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             |                            | #                                  | "A" | "B" | "C" | "D" | "E" | "F" | "G" | "H" | "I" | "J" | "K" |
| 2 x 4       | 1/4"                       | 4                                  | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |
| 2 x 6       | 3/8"                       | 4                                  | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |
| 2 x 8       | 1/2"                       | 4                                  | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |
| 2 x 10      | 3/4"                       | 4                                  | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |

RAISED SEAL COPIES REQUIRED FOR ENGINEERING TO BE VALID FOR PERMITTING

**Town & Country 6005 Indicator Mark**  
 (Instructions For Permit Purposes)  
 To: Plans Examiners and Building Inspectors,  
 These alloy identification marks have been provided to contractors and yourself for permitting purposes. The details below illustrate the alloy identification marks and the location of such marks. These alloy marks are used solely for our 6005 extrusions. It is ultimately the contractors responsibility that they receive and use only 6005 alloy shapes when using this engineering. We are providing this document to simplify the identification of our 6005 alloy materials to be used in conjunction with our 6005 engineering.  
 A separate signed and sealed document from Town & Country will be provided to our pre-approved contractors once the materials are purchased.

