

NOTES

1. STANDARD GLAZING OPTION - .125" MINIMUM DSB GLAZING MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 6.70" AND A MAXIMUM LENGTH OF 24.00". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

2. ALUMINUM FULL VIEW OPTION - ALUMINUM FULL VIEW SECTION MAY REPLACE ANY SECTION EXCEPT TOP AND BOTTOM PANELS. ALUMINUM FULL VIEW SECTION SHALL HAVE RAILS AND STILES OF EXTRUDED ALUMINUM ALLOY 6063-T6 WITH A 2-1/4" INTEGRAL FIN AND .125" MINIMUM DSB GLAZING INSTALLED WITH ALUMINUM RETAINERS IN ORDER TO MEET UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

3. MINIMUM OF 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.

4. SLIDE LOCK OR OPERATOR REQUIRED.

5. SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:  
421, 423 - 20 GA  
427, 429 - 24 GA  
434, 436 - 25 GA

6. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

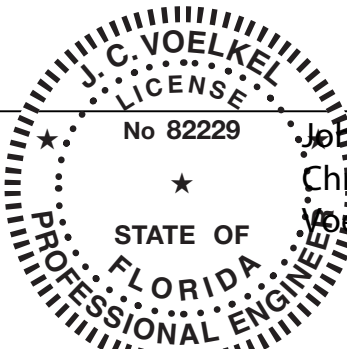
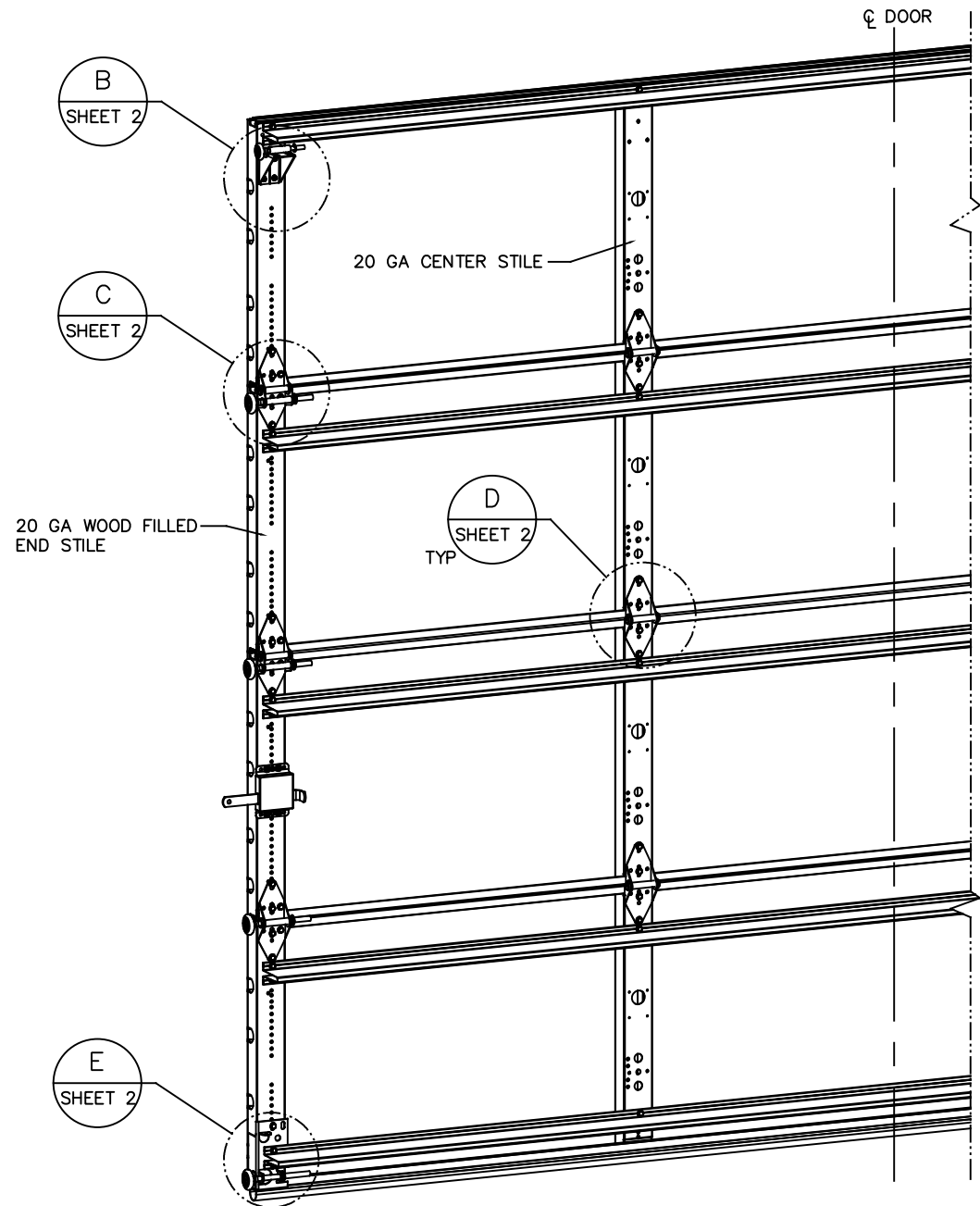
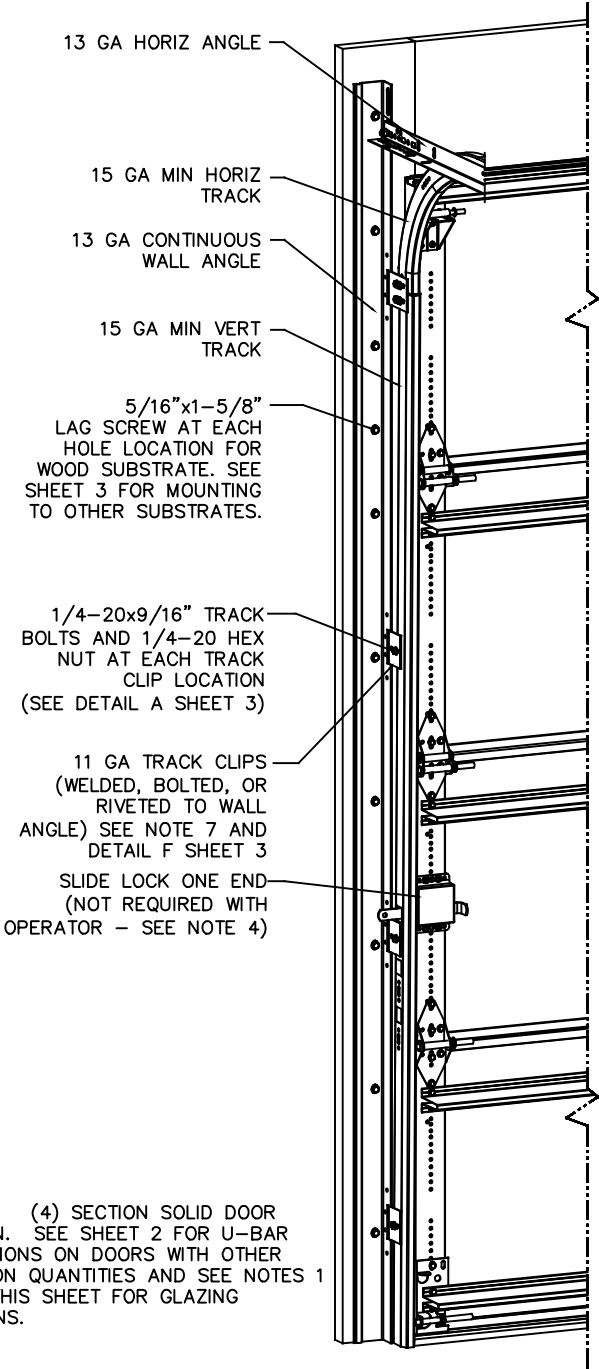
7. TRACK CLIPS SHALL BE LOCATED WITH CENTERLINE OF BOTTOM CLIP SPACED 10" MAX FROM BOTTOM OF TRACK AND REMAINING TRACK CLIPS SPACED AT 24" O.C. MAX. SPACING BETWEEN TOP TRACK CLIP AND SPLICE PLATE SHALL BE 30" O.C. MAX.

8. WHEN MOUNTING TO WOOD, DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

| MAX DOOR WIDTH | DOOR HEIGHT | MAX UNIFORM LOAD EACH JAMB (PLF) |
|----------------|-------------|----------------------------------|
| 12'-2"         | ALL         | +144.2/-161.8                    |

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTES 1 & 2 THIS SHEET FOR GLAZING OPTIONS.



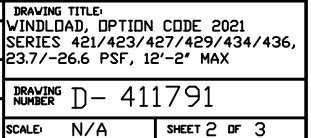
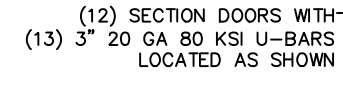
J. CHRISTIAN VOELKEL, PE  
312 N. NEW WARRINGTON ROAD, UNIT 1A  
PENSACOLA, FL  
FL PE 82229  
TX PE 133174

Digitally signed by  
John Christian  
Voelkel  
Date: 2021.02.11  
22:31:20 -06'00'

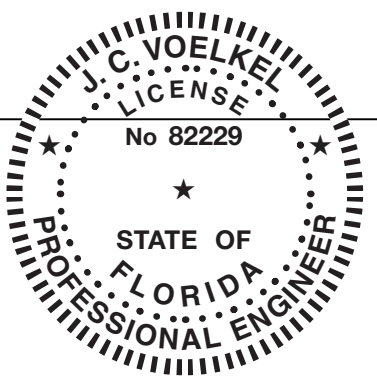
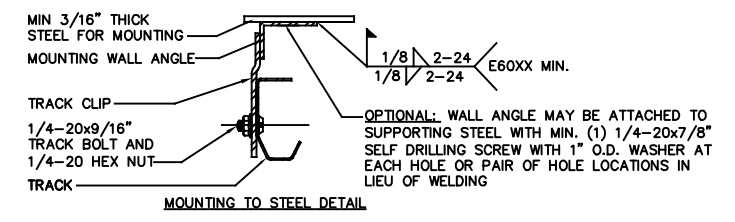
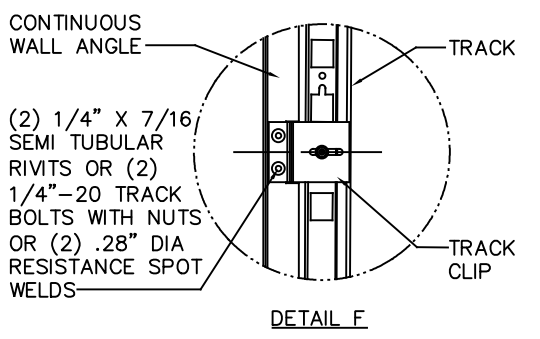
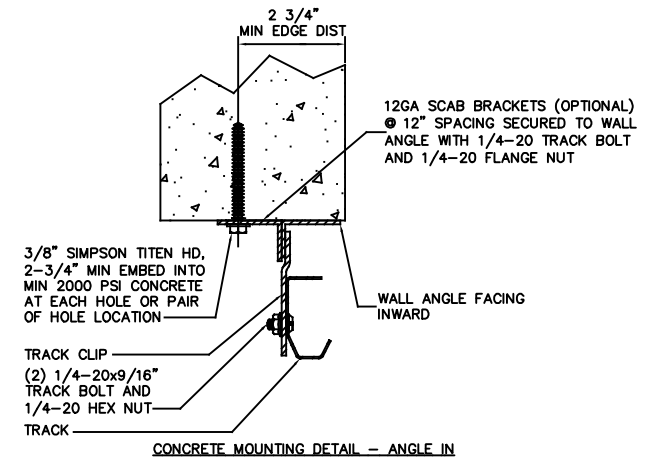
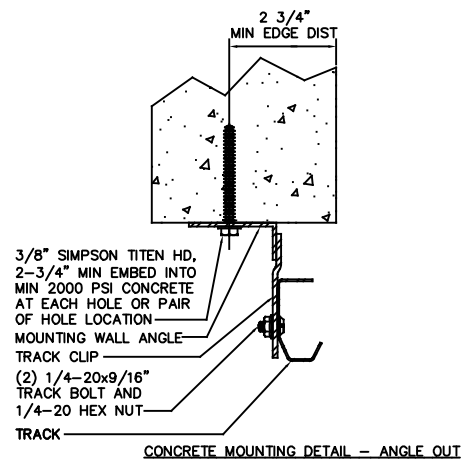
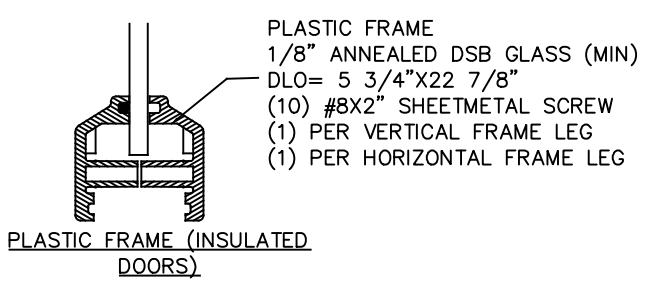
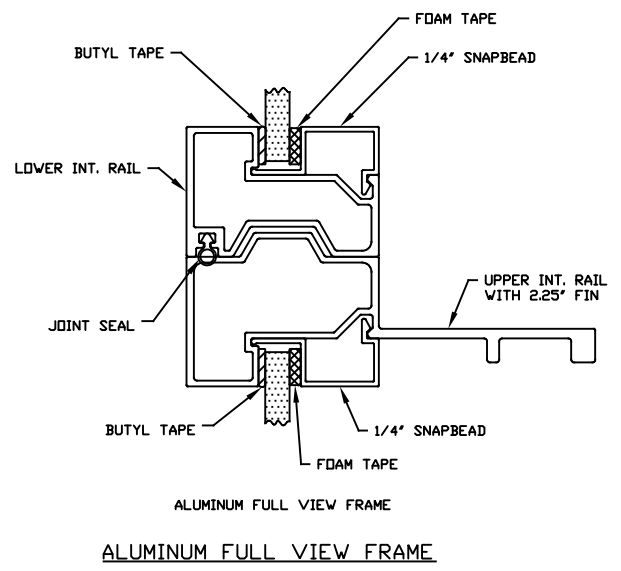
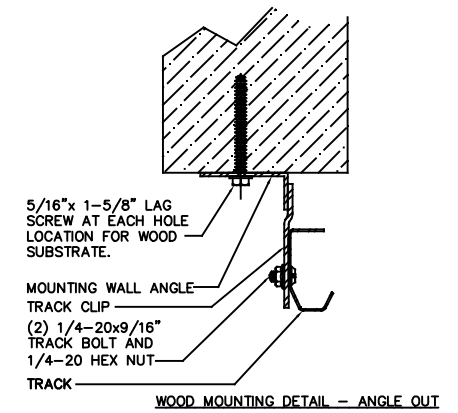
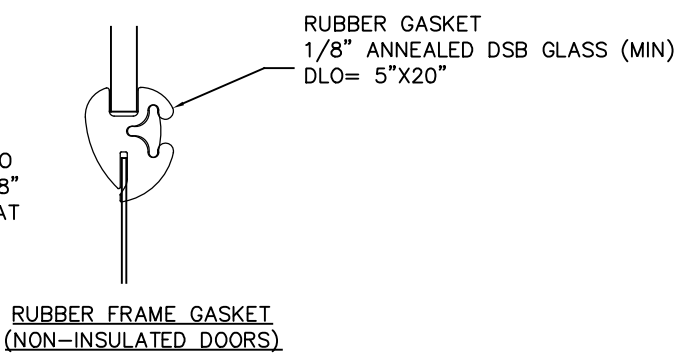
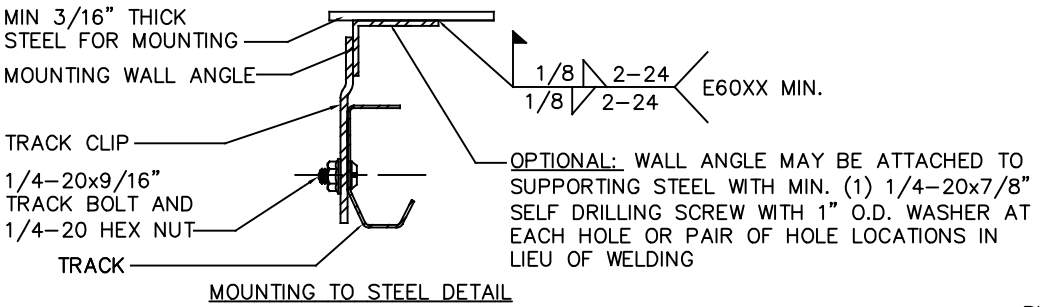
THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------|--|----------------|---------------------------------------------------------------------------------------|-------------------|---------|----------------|---------------------------------|--------------|
| THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | FINISH         | The Genuine. The Original.                                                            | NAME              | DATE    | DRAWING TITLE: |                                 |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | HOLE DIAMETER                         |  | N/A            |  | LEWISVILLE, TEXAS |         | DRAWN BY:      |                                 |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         | UNDER .251 +.004/-0.003               |  | WHOLE NUMBERS: |                                                                                       |                   | 1/14/21 | T CLARK        | WINDOWLAD, OPTION CODE 2021     |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         | .251 TO .500 +.006/-0.003             |  | .X             |                                                                                       |                   |         |                | SERIES 421/423/427/429/434/436, |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         | OVER .500 +.008/-0.003                |  | .XX            | UNIT OF MEASURE                                                                       | MATERIAL:         |         | CHECKED BY:    | 23.7"-26.6 PSF, 12'-2" MAX      |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         | FRACTIONS                             |  | .XXX           | N/A                                                                                   |                   |         | J QIAN         | DRAWING NUMBER                  |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         | ± 1/16                                |  | ANGLES:        | EA                                                                                    |                   |         | APPROVED BY:   | D-411791                        |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                                       |  | ± .5°          |                                                                                       |                   |         | T CLARK        | SCALE: N/A                      |              |
| REF DWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USED ON |                                       |  |                |                                                                                       |                   |         |                |                                 | SHEET 1 OF 3 |

| STATIC PRESSURE RATINGS           | APPROVED SIZES          |
|-----------------------------------|-------------------------|
| DESIGN PRESSURE(PSF): +23.7/-26.6 | MAX WIDTH: 12'-2"       |
|                                   | MAX HEIGHT: 24'-1"      |
| IMPACT/CYCLIC RATED: NO           | MAX SECTION HEIGHT: 24' |



| STATIC PRESSURE RATINGS           | APPROVED SIZES          |
|-----------------------------------|-------------------------|
| DESIGN PRESSURE(PSF): +23.7/−26.6 | MAX WIDTH: 12’–2”       |
|                                   | MAX HEIGHT: 24’–1”      |
| IMPACT/CYCLIC RATED: NO           | MAX SECTION HEIGHT: 24’ |



| STATIC PRESSURE RATINGS           | APPROVED SIZES          |
|-----------------------------------|-------------------------|
| DESIGN PRESSURE(PSF): +23.7/-26.6 | MAX WIDTH: 12'-2"       |
|                                   | MAX HEIGHT: 24'-1"      |
| IMPACT/CYCLIC RATED: NO           | MAX SECTION HEIGHT: 24" |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |  |                                                                                                           |                |                       |                                |                         |                 |                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|-----------------------------------------------------------------------------------------------------------|----------------|-----------------------|--------------------------------|-------------------------|-----------------|---------------------------------------------------------------------------------------------------------------|
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| REF DWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USED ON |  | TOLERANCES UNLESS OTHERWISE SPECIFIED                                                                     |                | FINISH<br>N/A         | The Genuine, The Original.<br> | NAME<br>T CLARK         | DATE<br>1/14/21 | DRAWING TITLE:<br>WINDLOAD, OPTION CODE 2021<br>SERIES 421/423/427/429/434/436,<br>23.7/-26.6 PSF, 12'-2" MAX |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |  | HOLE DIAMETER                                                                                             | WHOLE NUMBERS: |                       |                                |                         |                 |                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |  | UNDER .251 +.004/--.003                                                                                   | .X ± .1        | UNIT OF MEASURE<br>EA | MATERIAL:<br>N/A               | CHECKED BY:<br>J QIAN   |                 | DRAWING NUMBER<br>D- 411791                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |  | .251 TO .500 +.006/--.003                                                                                 | .XX ± .03      |                       |                                |                         |                 |                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |  | OVER .500 +.008/--.003                                                                                    | .XXX ± .010    |                       |                                | APPROVED BY:<br>T CLARK |                 | SCALE: N/A                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |  | FRACTIONS<br>± 1/16                                                                                       | ANGLES: ± .5°  |                       |                                |                         |                 |                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |  | ASME Y14.100 AND Y14.5<br>APPLY, UNLESS OTHERWISE<br>SPECIFIED DIMENSIONS ARE<br>IN U.S. CUSTOMARY UNITS. |                |                       |                                |                         |                 | SHEET 3 OF 3                                                                                                  |