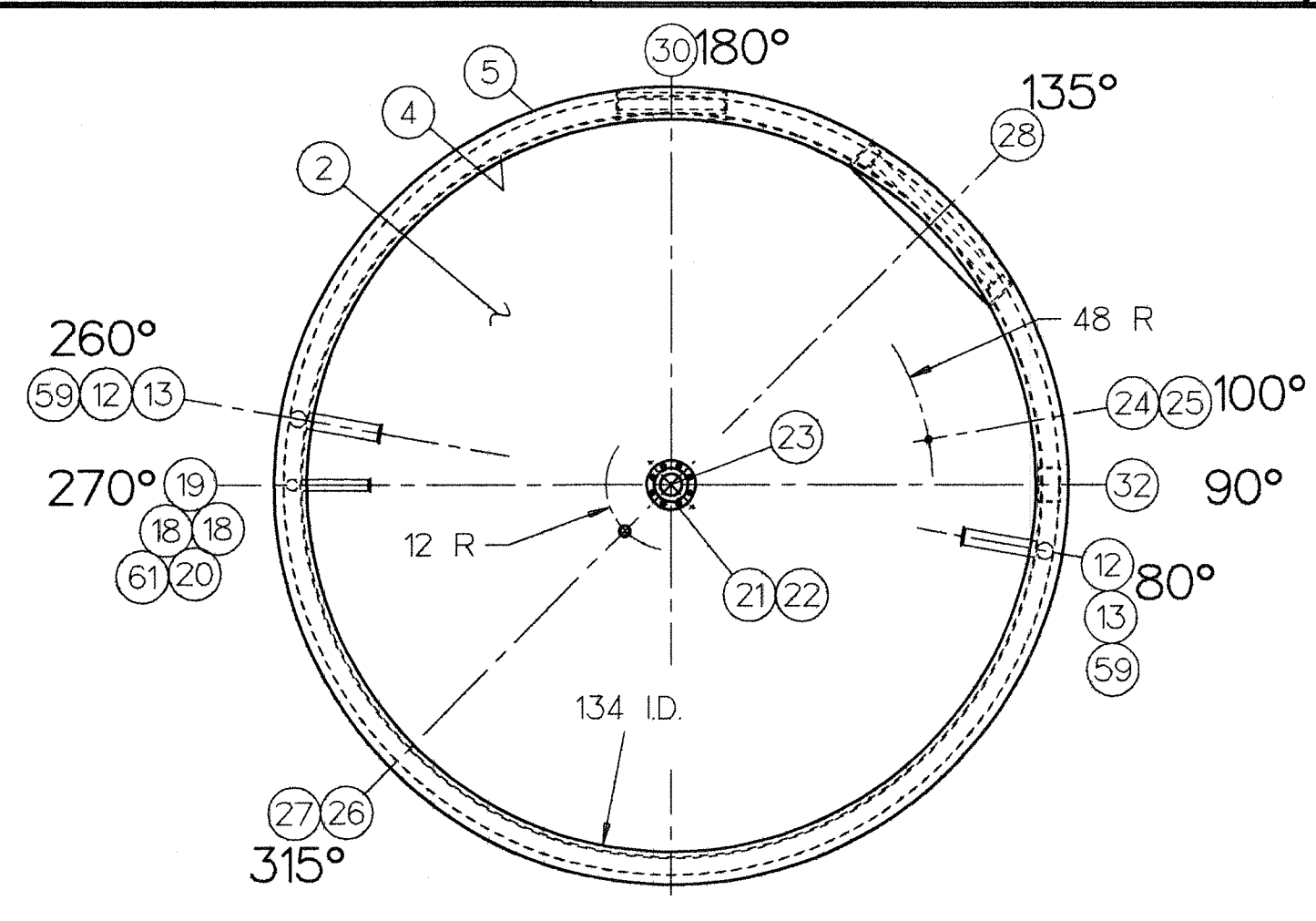




180° 6 37 38 39 47 63 65  
HEAD AND SHELL  
ORIENTATION



**DETAIL G**  
SCALE: 5/32" = 1"



**CERTIFIED CORRECT AND  
RELEASED FOR FABRICATION**

THIS DRAWING INCORPORATES CHANGES REQUESTED  
ON APPROVAL DRAWINGS RETURNED BY YOU DATED  
2-1-93. FABRICATION WILL BE IN ACCORDANCE  
WITH THIS DRAWING.

ANY FURTHER CHANGES WILL BE REVIEWED FOR  
COST AND DELIVERY ADJUSTMENTS.

PAUL MUELLER COMPANY

Signed Paul Mueller Date 3-4-93

**NOTES:**

1. ALL MATERIALS OR COMPONENT PARTS CALLED OUT IN THIS DRAWING SHALL BE AS SPECIFIED OR APPROVED EQUAL \*
2. DIMENSIONS, UNLESS OTHERWISE INDICATED, ARE NOMINAL AND STANDARD SHOP TOLERANCES ARE TO BE SPECIFIED. MEASUREMENTS FOR ANY FIELD ATTACHMENTS SHOULD BE VERIFIED ON SITE BY OTHERS BEFORE FABRICATION OF THE ATTACHMENTS. (ISOP. 23-7)
3. IF USED IN CONTACT WITH MATERIALS CONTAINING SALT OR OTHER CHLORIDES, THE CORROSION RESISTANCE OF THIS EQUIPMENT IS NOT THE RESPONSIBILITY OF THE PAUL MUELLER COMPANY WITHOUT WRITTEN ACCEPTANCE BASED ON A SPECIFIC SERVICE.
4. ALL FLANGES WILL HAVE BOLT HOLES STRADDLE THE 0°-180° & 90°-270° CENTER LINES, UNLESS SPECIFIED OTHERWISE.
5. VESSEL TO BE VENTED FOR SHIPMENT.
6. ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE.
7. ALL WELD SIZES ARE MINIMUM AFTER GRINDING.
8. CORROSION ALLOWANCE: 0 INCHES
9. PRODUCT SPECIFIC GRAVITY: 1.38 
10. VESSEL DESIGNED FOR WIND LOAD: 70 MPH.  
(PER BOCA SECT. 112.01) 
11. VESSEL DESIGNED FOR SEISMIC ZONE: 1 (INTRO, WV.)
12. USE 3" THK. (#9802649) POLYSTYRENE BEAD BOARD INSULATION ON ALL THE SIDE WALL, EXCEPT: A ONE (1) BAND OF 3" THK. (#9803922) POLYSTYRENE INSULATION 4 FT. WIDE AT THE VERY TOP OF TANK SIDEWALL. B. ONE (1) BAND (#9803922) 4 FT. WIDE CENTERED 5 FT. ABOVE THE BASE RING C. ONE (1) 2 FT. WIDE STRIP OF 3" THK. (#9802652) URETHANE INSULATION UNDER CLOSING SEAM. D. USE 4" FIBERGLASS (#3076) COMPRESSED TO 3" ON TOP HEAD AND FILL Voids.
13. PURCHASING NOTE:  
ITEMS #26 & 27 LEVEL SHELL & NUT) TO BE PURCHASED FROM J.C. SCONTROLS- CONTACT(S): STEVE CZASOR BOB SOURCE PH (310)494-1400
14. PAINT ALL C/S WITH ONE COAT OF ITEM #57   
OUTSIDE OF BOTTOM HEAD (2B) FINISH
15. UPON COMPLETION OF TANK, ALL INTERNAL SURFACES ARE TO BE THOROUGHLY CLEANED AND PASSIVATED PER QA-701 (GTIRC ACID).
16. FLUORESCENT DYE PENETRATE TEST ALL WELDS. 

**MATERIAL FINISHES**

|          |    |          |          |
|----------|----|----------|----------|
| INTERIOR | #4 | EXTERIOR | NOTE #14 |
|----------|----|----------|----------|

**WELD FINISHES**

|          |                          |
|----------|--------------------------|
| INTERIOR | MEDIUM FINE GRIND (150G) |
| EXTERIOR | BUFF (BF)                |

**SPECIFICATIONS VESSEL**

CODE  **RADIOGRAPHY**

|                                   |                                   |                                   |                                   |                                   |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Top Head                          | Top Head To Shell                 | Shell                             | Bottom Head                       | Bottom Head To Shell              |
| <input type="text" value="NONE"/> | <input type="text" value="NONE"/> | <input type="text" value="NONE"/> | <input type="text" value="NONE"/> | <input type="text" value="NONE"/> |

**HEAT TRANSFER**

CODE

**RADIOGRAPHY**

|                               |                               |                               |                               |                               |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Top Head                      | Top Head To Shell             | Shell                         | Bottom Head                   | Bottom Head To Shell          |
| <input type="text" value=""/> | <input type="text" value=""/> | <input type="text" value=""/> | <input type="text" value=""/> | <input type="text" value=""/> |

|                               |                      |
|-------------------------------|----------------------|
| <b>SIZE (GALLONS) - MODEL</b> | <b>SERIAL NUMBER</b> |
| 20,000 F*                     | F-42230              |

|                                                        |                                                      |
|--------------------------------------------------------|------------------------------------------------------|
| <b>VESSEL INFORMATION</b>                              |                                                      |
| DESIGN PRESSURE <input type="text" value="0"/> PSI     | DESIGN TEMP. <input type="text" value="100"/> °F     |
| HYDRO TEST PRESSURE <input type="text" value="0"/> PSI | DESIGN VACUUM <input type="text" value="0"/> IN. HG. |
| <b>HEAT TRANSFER INFORMATION</b>                       |                                                      |
| DESIGN PRESSURE <input type="text" value=""/>          | DESIGN TEMP. <input type="text" value=""/>           |
| TEST PRESSURE <input type="text" value=""/>            | VOLUME <input type="text" value=""/>                 |
| HEATING / COOLING <input type="text" value=""/>        |                                                      |
| HEATING <input type="text" value=""/>                  |                                                      |

EST. EMPTY WEIGHT = 16,800 LBS

SCALE 1/32"=1' \*\*=N.T.S. (DO NOT SCALE THIS DRAWING)

|             |             |      |         |
|-------------|-------------|------|---------|
| DRAWN BY    | R.L. WARREN | DATE | 1/15/93 |
| CHECKED BY  | RICK HUGHES | DATE | 1-26-93 |
| APPROVED BY |             | DATE |         |

SOLD TO PEPSI-COLA CO.

ADDRESS SOMERS, NY

CUSTOMER ORDER NO. 299699

**TITLE**

20,000 GALLON MODEL "F" HFCS-55 STORAGE TANK

QUANTITY ONE

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**PAUL MUELLER COMPANY**

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TELEPHONE (417) 831-3000 / CABLE MUELLER  
TELEX 43-6427

|                                     |                    |
|-------------------------------------|--------------------|
| <b>SALES ORDER &amp; SERIAL NO.</b> | <b>DRAWING NO.</b> |
| F-42230                             | FP06644            |