



| Murphy-PFFS-SPOOL-BOM | | | | | | | |
|-----------------------|-----|---|-------------|-------------|-----------|--------|--------|
| Mark | Qty | Description | End 1 | End 2 | Lft | LDec | Size |
| 7 | 1 | Std Wt SA234 WPB CS BW LR 22.5Ø Trimmed El | | | | | 14 |
| 19 | 1 | No.647 TT Dielectric Transition Fitting | MPT | MPT | 4" | 4.000 | 2 |
| 18 | 1 | 150lb RF Sch 40 Bore SA105 CS WN Flg | | | | | 14 |
| 3 | 1 | Style W07 Rigid Coupling | | | | | 14 |
| 13 | 3 | Style W77 Rigid Coupling | | | | | 14 |
| 12 | 1 | 77C-140 Brz 2pc FP SS-Vntd-B&S Ball Valve Thd | | | | | 3/4 |
| 9 | 1 | Fig 1103 MI 90 Deg St El | | | | | 3/4 |
| 8 | 1 | Std Wt SA234 WPB CS BW LR 90 Deg El | | | | | 14 |
| 16 | 1 | 3000# FS Thread-O-Let | | | 1 1/2" | 1.500 | 2x14 |
| 10 | 5 | 3000# FS Thread-O-Let | | | 1 1/16" | 1.063 | 3/4x14 |
| 6 | 1 | Std Wt SA-53B CS ERW Pipe PE | Grooved End | BEV | 6" | 6.000 | 14 |
| 14 | 1 | Std Wt SA-53B CS ERW Pipe PE | BEV | Grooved End | 6" | 6.000 | 14 |
| 15 | 1 | Std Wt SA-53B CS ERW Pipe PE | BEV | Grooved End | 4'-2 3/8" | 50.404 | 14 |
| 17 | 2 | Std Wt SA-53B CS ERW Pipe PE | Grooved End | Grooved End | 8" | 8.000 | 14 |
| 11 | 1 | Std SA-53B CS Smls Pipe NIP x 6 | MPT | MPT | 6" | 6.000 | 3/4 |

MURPHY
SINCE 1907

CONSTRUCTORS • ENGINEERS MECHANICAL • INDUSTRIAL

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|--------------------------|---------------------|--------|------------------------|--|--------|--|--------------|--|---------------------------|-----|--|--|
| DRN JMM | 5/12/2021 | | WUSM RESEARCH BUILDING | | | | QA/QC ACCEPT | | FLANGE WEIGHT/ORIENTATION | | | |
| | CHK | | NRB CUP | | | | | | FITTING ORIENTATION | | | |
| | APP | | LVLO2 SPOOLS | | | | | | BOLTS/CPLG'S/TH'D TIGHT | | | |
| | JOB NO. | 210140 | SERVICE NAME | | | | | | SPOOL IDENTIFICATION | | | |
| REF.DWG. | | | CH#4 TWS | | | | | | COMMENTS | | | |
| DRAWING NO./TRACKING NO. | | | QTY. | | SHT/NO | | | | MURPHY WPS# | | | |
| | 210140-A-UPL2-19-08 | | 1 | | 1 of 1 | | | | | | | |
| | | | REV | | DATE | | DESCRIPTION | | DRN | CHK | | |
| | | | 0 | | | | | | APP | APP | | |