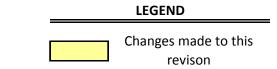
| Client Name | Energy Transfer |
|---------------------|---------------------------|
| Project Name | This Meter Station |
| Revision | 2013-07-15 - 02:28:51 PM |
| HMM Contact | Olin Valby - 281-598-9539 |



7/15/2013 2:28 PM

| | Current Quantities Per Site | | | | | | | | | | | | Material Requested | | | | | |
|-------------|-----------------------------|---|---------------|--------|----------------|------------------------|-----------------|-----------------------|--------------------------------|-------------------------------|--------------------|-------|--------------------|----|---------------------|--|--|--|
| Mark No. | Unit | Description | Uniontown | Site A | Area 0 | Fab AB | Consumables | Total Qty. | Quantity Left to Acquire | Total Inventory to Date | UNTWN2 7/3/2013 | | | | 123258 4/22/2013 | | | |
| 1 | | PIPE - 30", 0.500" WT, ERW/DSAW, BE, API 5L PSL-2, X65, BARE | | 2 | 5 | _ | 0 | 7 | 0 | 7 | , , , , , | -, -, | 2 | | , , | | | |
| 3 | FT | PIPE - 24", 0.500" WT, ERW/DSAW, BE, API 5L PSL-2, X60, BARE | 17 | | | | 0 | 17 | 0 | 17 | | | 17 | | | | | |
| 4 | FT | PIPE - 20", 0.500" WT, ERW/DSAW, BE, API 5L PSL-2, X60, BARE | | | 18 | | 0 | 18 | 1 | 17 | | 17 | | | | | | |
| 5 | FT | PIPE - 16", 0.500" WT, ERW/DSAW, BE, API 5L PSL-2, X52, BARE | 19 | 21 | 19 | | 0 | 59 | 0 | 59 | | 19 | 19 | 21 | | | | |
| 7 | FT | PIPE - 12", 0.375" WT, ERW/SMLS, BE, API 5L PSL-2, X52, BARE | 15 | 25 | 17 | 14 | 2 | 73 | 14 | 59 | | 17 | 17 | 25 | | | | |
| 8 | FT | PIPE - 12", 0.375" WT, ERW/SMLS, BE, API 5L PSL-2, X52, COATED | 113 | | 113 | 36 | 0 | 262 | 36 | 226 | | 111 | 115 | | | | | |
| 9 | FT | PIPE - 10", 0.365" WT, ERW/SMLS, BE, API 5L PSL-2, X52, BARE | 29 | | 29 | | 20 | 78 | 3 | 75 | 39 | | | | | | | |
| 11 | FT | PIPE - 10", 0.322" WT, ERW/SMLS, BE, API 5L PSL-2, X42, COATED | | | | | 0 | 0 | (68) | 68 | | | | | 60 | | | |
| 12 | FT | PIPE - 8", 0.322" WT, ERW/SMLS, BE, API 5L PSL-2, X42, BARE | 1 | 5 | 1 | | 0 | 7 | (37) | 44 | | | | 5 | 39 | | | |
| 13 | FT | PIPE - 8", 0.322" WT, ERW/SMLS, BE, API 5L PSL-2, X42, COATED | 6 | | 6 | | 0 | 12 | 0 | 12 | 6 | 6 | | | | | | |
| 14 | FT | PIPE - 6", 0.280" WT, ERW/SMLS, BE, API 5L PSL-2, GRB, BARE | 3 | | 3 | 30 | 0 | 36 | 30 | 6 | | 3 | 3 | | | | | |
| 15 | FT | PIPE - 6", 0.280" WT, ERW/SMLS, BE, API 5L PSL-2, GRB, COATED | 29 | | 29 | 18 | 0 | 76 | 18 | 58 | | 29 | 29 | | | | | |
| 16 | FT | PIPE - 4", 0.237" WT, ERW/SMLS, BE, API 5L PSL-2, GRB, BARE | 13 | 84 | 13 | 1 | 0 | 111 | (9) | 120 | | 13 | 13 | 84 | | | | |
| 17 | FT | PIPE - 4", 0.237" WT, ERW/SMLS, BE, API 5L PSL-2, GRB, COATED | | 17 | | 21 | 0 | 38 | 4 | 34 | | | | 17 | 17 | | | |
| 18 | FT | PIPE - 2", 0.218" WT, ERW/SMLS, BE, API 5L PSL-1, GRB, BARE | 4 | 51 | 4 | | 0 | 59 | 0 | 59 | | 4 | 4 | 51 | | | | |
| 19 | FT | PIPE - 1 1/2", 0.200" WT, SMLS, BE, ASTM A106, GRB, BARE | 14 | | 14 | | 0 | 28 | 0 | 28 | | 14 | 14 | | | | | |
| 20 | FT | PIPE - 1", 0.179" WT, SMLS, BE, ASTM A106, GRB, BARE | 1 | | 1 | 1 | 0 | 3 | 1 | 2 | | 1 | 1 | | | | | |
| 21 | FT | PIPE - 3/4", 0.154" WT, SMLS, BE, ASTM A106, GRB, BARE | 1 | | 1 | 1 | 0 | 3 | 1 | 2 | | 1 | 1 | | | | | |
| 22 | FT | PIPE - 1/2", 0.147" WT, SMLS, BE, ASTM A106, GRB, BARE | 1 | | 1 | 1 | 0 | 3 | 1 | 2 | | 1 | 1 | | | | | |
| 45 | EA | FLANGE - 16", ANSI 600, RFWN, ASTM A694, F52, TWT 0.500" WT, X52 PIPE, PER MSS-SP-44 | 4 | | 4 | | 0 | 8 | 0 | 8 | | | 4 | 4 | | | | |
| 46 | EA | FLANGE - 12", ANSI 600, RFWN, ASTM A694, F52, TWT 0.375" WT, X52 PIPE, PER MSS-SP-44 | 2 | | 2 | 8 | 0 | 12 | 8 | 4 | | | 2 | 2 | | | | |
| 47 | EA | FLANGE - 10", ANSI 600, RFWN, ASTM A694, F52, TWT 0.365" WT, X52 PIPE, PER MSS-SP-44 | 4 | | 4 | | 0 | 8 | 0 | 8 | | | 4 | 4 | | | | |
| 48 | EA | FLANGE - 8", ANSI 600, RFWN, ASTM A694, F42, TWT 0.322" WT, X42 PIPE, PER MSS-SP-44 | 1 | | 1 | | 0 | 2 | 0 | 2 | | | 1 | 1 | | | | |
| 49 | | FLANGE - 6", ANSI 600, RFWN, ASTM A105, GR B, TWT 0.280" WT, GR B PIPE, PER ASME B16.5 | 4 | | 4 | 15 | 0 | 23 | 15 | 8 | | | 4 | 4 | | | | |
| 50 | | FLANGE - 4", ANSI 600, RFWN, ASTM A105, GR B, TWT 0.237" WT, GR B PIPE, PER ASME B16.5 | 3 | | 3 | 5 | 0 | 11 | 5 | 6 | | | 3 | 3 | | | | |
| 51 | EA | FLANGE - 2", ANSI 600, RFWN, ASTM A105, GR B, TWT 0.218" WT, GR B PIPE, PER ASME B16.5 | 7 | | 7 | | 0 | 14 | 0 | 14 | | | 7 | 7 | | | | |
| 52 | EA | FLANGE - 1 1/2", ANSI 600, RFWN, ASTM A105, GR B, TWT 0.200" WT, GR B PIPE, PER ASME B16.5 | 6 | | 6 | | 0 | 12 | 0 | 12 | | | 6 | 6 | | | | |
| 53 | EA | FLANGE, BLIND - 8", ANSI 600, RF, ASTM A694, F52, MSS SP-44, CD&T FOR 1" NPT | | 5 | | | 0 | 5 | 5 | 0 | | | | | | | | |
| 54 | EA | FLANGE, BLIND - 2", ANSI 600, RF, ASTM A105, GR B, PER ASME B16.5, CD&T FOR 1/2" NPT | 3 | | 3 | | 0 | 6 | 0 | 6 | | | 3 | 3 | | | | |
| 23 | EA | TEE, STRAIGHT - 12", 0.375" WT, BW, MSS-SP-75, Y52, PER ASME B16.9 | 1 LIENT_SU | MMARY_ | 1 This Mete | 2 r Station_ | 0 2013-Jul-: | 4 15_rev36. | 2 klsx | 2 | | 1 | 1 | | 7/15 | | | |

| 14 | | | | | | | | | | | | | | |
|--|------------|-------|--|---|---|---------|---|-----|-----|----|---|---|---|-------------------|
| | 24 | EA | TEE, STRAIGHT - 10", 0.365" WT, BW, MSS-SP-75, Y52, PER ASME B16.9 | 1 | 1 | | 0 | 2 | 0 | 2 | 1 | 1 | | |
| 1 | 110 | EA | | | | 1 | 0 | 1 | 1 | 0 | | | | |
| DEA CAMER BILD DEA | | | | | | | | 1 | | | | | | 1 |
| 27 | 26 | EA | | 1 | 1 | | 0 | 2 | 0 | 2 | 1 | 1 | | |
| 28 LP TEC. REQUENCY 127: 0.375° WT x 0°, 0.327° WT x 0°, 0.375° WT x 0°, 0.327° WT x 0°, 0.327° WT x 0°, 0.327° WT x 0°, 0.328° WT x 0°, 0.328 | 27 | EA | TEE, REDUCING - 12", 0.375" WT x 6", 0.280" WT, BW, MSS-SP-75, Y52, | 1 | 1 | 1 | 0 | 3 | 2 | 1 | | 1 | | i |
| FER ASSAME BIAS 1 | 28 | EA | | 1 | 1 | | 0 | 2 | 0 | 2 | 1 | 1 | | İ |
| PER ASMET BLOOK 1.0 1 0 1 1 0 0 0 0 0 | 20 | - FA | | | _ | | 0 | 2 | 0 | | | 1 | 1 | |
| See Augher Birl 1 | 29 | | PER ASME B16.9 | 1 | 1 | | Ü | 2 | Ü | 2 | | 1 | 1 | |
| Example Exam | 109 | EA | | | | 1 | 0 | 1 | 1 | 0 | | | | |
| 6A REDUCER, COM 12", 0.375" WT N 2") 0.365" WT, RW, MSS-5P-75, YSZ, 1 | 39 | EA | REDUCER, CONC 20", 0.500" WT x 16", 0.375" WT, BW, MSS-SP-75, Y60, | 2 | 2 | | 0 | 4 | 0 | 4 | | 2 | 2 | i |
| ## EAN FEBRUAGE, COME - 12°, 0.375° WT R8°, 0.322° WT, BW, MSS-97-35, 952, ## A REDUCER, COME - 12°, 0.375° WT R8°, 0.322° WT, BW, MSS-97-35, 952, ## A REDUCER, COME - 12°, 0.375° WT, RW, MSS-97-35, 952, ## A REDUCER, COME - 10°, 0.280° WT R8°, 0.322° WT, BW, MSS-97-75, 952, ## A REDUCER, COME - 10°, 0.280° WT, R8°, 0.322° WT, BW, MSS-97-75, 952, ## A REDUCER, COME - 10°, 0.280° WT, R8°, 0.355° WT, BW, MSS-97-75, 952, ## A REDUCER, COME - 10°, 0.280° WT, BW, MSS-97-75, 952, ## A REDUCER, COME - 10°, 0.280° WT, BW, MSS-97-75, 952, ## A REDUCER, COME - 10°, 0.350° WT, BW, MSS-97-75, 952, ## A REDUCER, COME - 10°, 0.350° WT, BW, MSS-97-75, 952, ## A REDUCER, COME - 10°, 0.350° WT, BW, MSS-97-75, 952, ## A REDUCER, COME - 10°, 0.350° WT, BW, MSS-97-75, 952, ## A REDUCER, COME - 10°, 0.350° WT, BW, MSS-97-75, 952, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, MSS-97-75, 952, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, MSS-97-75, 952, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, MSS-97-75, 952, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMM B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMB B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMB B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMB B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMB B16.9 ## A REDUCER, COME - 10°, 0.350° WT, BW, ASTM A A S34, WPB, PER A SMB B16.9 ## A REDUCER, COME - 1 | 40 | EA | | 1 | 1 | | 0 | 2 | 0 | 2 | | 1 | 1 | |
| PER ASME BLS PER | <i>1</i> 1 | FΛ | | 1 | 1 | | 0 | 2 | 0 | 2 | | 1 | 1 | i |
| ## ASSES 16 2 2 1 3 3 3 3 3 3 3 3 3 | | | PER ASME B16.9 | _ | | | Ů | | Ů | | | - | • | i |
| ## 550 SEA REQUER, CONC 6", 0.280" WTX 4", 0.237" WT, BW, ASTM A224, WPB, PER ASME B16.9 2 2 1 0 2 0 2 0 2 0 1 1 1 1 1 1 1 1 1 | 42 | EA | | | | 1 | 0 | 1 | 1 | 0 | | | | |
| ## FAME BLOOKER, FCC - 12", 0.375" WIT 310", 0.365" WT, BW, MSS-SP-75, VS2, PER ASME BLG 9 2 2 1 1 0 0 5 1 1 4 4 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 | 43 | EA | REDUCER, CONC 6", 0.280" WT x 4", 0.237" WT, BW, ASTM A234, WPB, | | | 2 | 0 | 2 | (1) | 3 | | 3 | | |
| 30 EA ELL 9D DEG - LR, 12", 0.375" WT, BW, MSS SP-75, Y52, PER ASME BIG.9 2 2 2 0 0 4 0 0 4 0 0 4 0 0 | 44 | EA | | 1 | 1 | | 0 | 2 | 0 | 2 | | 1 | 1 | |
| 31 EA ELL, 90 DEG - LR, 10°, 0.365° WT, BW, MSS-SP-75, Y52, PER ASME B16.9 2 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z | 30 | EA | | 2 | 2 | 1 | 0 | 5 | 1 | 4 | | 2 | 2 | |
| 32 EA ELL, 90 DEG - LR, 8", 0.32" WT, BW, MSS-SP-75, Y42, PER ASME B16.9 2 2 2 0 0 4 0 0 4 0 0 14 6 0 0 0 14 6 0 0 14 6 0 0 14 6 0 0 14 6 0 0 14 6 0 0 14 6 0 0 14 6 0 0 14 6 0 0 0 14 6 0 0 14 6 0 0 0 14 6 0 0 0 14 6 0 0 0 14 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | - F A | | 2 | | | 0 | ļ., | 0 | | | | 2 | |
| 33 EA ELL, 90 DEG - LR, 6", 0.28" WT, BW, ASTM A234, WPB, PER ASME B16.9 | 31 | EA | ELL, 90 DEG - LR, 10", 0.365" W1, BW, MSS-SP-75, Y52, PER ASME B16.9 | 2 | 2 | | U | 4 | U | 4 | | 2 | 2 | |
| 34 EA ELL, 90 DEG - LR, 4", 0.237" WT, BW, ASTM A234, WPB, PER ASME B16.9 2 2 2 5 0 9 5 4 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 32 | EA | ELL, 90 DEG - LR, 8", 0.322" WT, BW, MSS-SP-75, Y42, PER ASME B16.9 | 2 | 2 | | 0 | 4 | 0 | 4 | | 2 | 2 | i |
| 35 EA ELL, 90 DEG - LR, 2", 0.218" WT, BW, ASTM A234, WPB, PER ASME B16.9 3 3 3 0 0 6 0 12 0 12 0 12 0 12 0 12 0 12 0 1 | 33 | EA | ELL, 90 DEG - LR, 6", 0.28" WT, BW, ASTM A234, WPB, PER ASME B16.9 | 4 | 4 | 6 | 0 | 14 | 6 | 8 | | 4 | 4 | i |
| 36 EA ELL, 90 DEG - LR, 1 1/2", 0.200" WT, BW, ASTM A234, WPB, PER ASME 107 EA ELL, 90 DEG - 3R, 6", 0.280" WT, BW, ASTM A234, WPB, PER ASME B16.9 11 0 1 1 0 10 1 0 0 0 0 0 0 0 0 0 0 | 34 | EA | ELL, 90 DEG - LR, 4", 0.237" WT, BW, ASTM A234, WPB, PER ASME B16.9 | 2 | 2 | 5 | 0 | 9 | 5 | 4 | | 2 | 2 | |
| B16.9 | 35 | EA | ELL, 90 DEG - LR, 2", 0.218" WT, BW, ASTM A234, WPB, PER ASME B16.9 | 3 | 3 | | 0 | 6 | 0 | 6 | | 3 | 3 | i |
| B16.9 | 36 | FΔ | FIL 90 DEG - IR 1 1/2" 0 200" WT BW ASTM A234 WPB PER ASME | 6 | 6 | | 0 | 12 | 0 | 12 | | 6 | 6 | |
| 113 EA ELL, 90 DEG - 3R, 6", 0.280" WT, BW, ASTM A234, WPB, PER ASME B16.9, TRIMMED 106 EA ELL, 45 DEG - 3R, 10", 0.375" WT, BW, MSS-SP-75, Y52, PER ASME B16.9 1 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 | | | B16.9 | | | | | | | | | | | i |
| TRIMMED TRIMMED | 107 | EA | ELL, 90 DEG - 3R, 12", 0.375" WT, BW, MSS-SP-75, Y52, PER ASME B16.9 | | | 1 | 0 | 1 | 1 | 0 | | | | |
| 106 EA ELL, 45 DEG - 3R, 12", 0.375" WT, BW, MSS-SP-75, Y52, PER ASME B16.9 37 EA ELL, 45 DEG - 3R, 10", 0.365" WT, BW, MSS-SP-75, Y52, PER ASME B16.9 38 EA ELL, 45 DEG - 3R, 6", 0.280" WT, BW, ASTM A234, WPB, PER ASME B16.9 4 0 4 4 0 4 0 56 EA WELDOLET - 2" ON 20", BW, MSS-SP-75, F60, BONNEY FORGE OR EQUAL, PER MSS SP-97, -20"F TO 250"F 57 EA WELDOLET - 2" ON 12", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, PER MSS SP-97, -20"F TO 250"F 58 EA WELDOLET - 11/2" ON 20", BW, MSS-SP-75, F60, BONNEY FORGE OR EQUAL, EQUAL, PER MSS SP-97, -20"F TO 250"F 59 EA WELDOLET - 11/2" ON 16", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, EQUAL, PER MSS SP-97, -20"F TO 250"F 59 EA WELDOLET - 11/2" ON 16", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, EQUAL, PER MSS SP-97, -20"F TO 250"F 59 EA WELDOLET - 11/2" ON 16", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, EQUAL, PER MSS SP-97, -20"F TO 250"F 59 EA WELDOLET - 11/2" ON 16", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, PER MSS SP-97, -20"F TO 250"F | 113 | EA | | | | 1 | 0 | 1 | 1 | 0 | | | | |
| 38 EA ELL, 45 DEG - 3R, 6", 0.280" WT, BW, ASTM A234, WPB, PER ASME B16.9 56 EA WELDOLET - 2" ON 20", BW, MSS-SP-75, F60, BONNEY FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F 57 EA WELDOLET - 11/2" ON 20", BW, MSS-SP-75, F60, BONNEY FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F 58 EA WELDOLET - 11/2" ON 20", BW, MSS-SP-75, F60, BONNEY FORGE OR EQUAL, EQUAL, PER MSS SP-97, -20°F TO 250°F 59 EA WELDOLET - 11/2" ON 16", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, EQUAL, PER MSS SP-97, -20°F TO 250°F 60 LA WELDOLET - 11/2" ON 16", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F 60 LA WELDOLET - 11/2" ON 16", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F 60 LA WELDOLET - 11/2" ON 16", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F | 106 | EA | | | | 1 | 0 | 1 | 1 | 0 | | | | |
| Second S | 37 | EA | ELL, 45 DEG - 3R, 10", 0.365" WT, BW, MSS-SP-75, Y52, PER ASME B16.9 | 2 | 2 | | 0 | 4 | 0 | 4 | | 2 | 2 | |
| Second S | 38 | EA | ELL, 45 DEG - 3R, 6", 0.280" WT. BW. ASTM A234. WPB. PER ASMF B16.9 | | | 4 | 0 | 4 | 4 | 0 | | | | |
| PER MSS SP-97, -20°F TO 250°F WELDOLET - 2" ON 12", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, 1 | | | | | | - | | | · | | | | | |
| 57 EA WELDOLET - 2" ON 12", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, 1 1 0 2 0 2 0 2 0 1 1 1 1 1 1 1 1 1 1 1 | 56 | EA | | 2 | | | 0 | 4 | 0 | 4 | 2 | 2 | | |
| 58 EA WELDOLET - 1 1/2" ON 20", BW, MSS-SP-75, F60, BONNEY FORGE OR 2 2 0 4 0 4 0 2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 57 | EA | WELDOLET - 2" ON 12", BW, MSS-SP-75, F52, BONNEY FORGE OR EQUAL, | 1 | 1 | | 0 | 2 | 0 | 2 | 1 | 1 | | |
| 59 EA WELDOLET - 1 1/2" ON 16", BW, MSS-SP-75, F52, BONNEY FORGE OR 2 2 0 4 0 4 0 EQUAL, PER MSS SP-97, -20°F TO 250°F | 58 | EA | WELDOLET - 1 1/2" ON 20", BW, MSS-SP-75, F60, BONNEY FORGE OR | 2 | 2 | | 0 | 4 | 0 | 4 | 2 | 2 | | |
| EQUAL, PER MSS SP-97, -20°F TO 250°F | 59 | EA | | 2 | 2 | | 0 | 4 | 0 | 4 | 2 | 2 | | |
| OU EA ITINEDULEI - 24 - 14 X 1-1/2 , CLASS SUUU, FINFI ASTIVI ALUS, BUININET Z Z U 4 U 4 Z Z | | | EQUAL, PER MSS SP-97, -20°F TO 250°F | | | | | | | | | | | |
| FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F CLIENT_SUMMARY_This Meter Station_2013-Jul-15_rev36.xlsx 7/15/2 | 00 | | FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F | | | | | • | | | | | | /2013 2:28 PN |

| _ | ı — | | | 1 | 1 | | • | , | | | | | | |
|-----|-----|--|---|---|----------|----------|---|--|---|----------|---|---|---|--|
| 61 | EA | THREDOLET - 12" - 8" x 1-1/2", CLASS 3000, FNPT ASTM A105, BONNEY | 4 | | 4 | 1 | 0 | 9 | 1 | 8 | 4 | 4 | | |
| 111 | Γ^ | FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F | | | | 4 | _ | | | <u> </u> | | | | |
| 111 | EA | THREDOLET - "12"" - 6"" x 3/4""", CLASS 3000, FNPT ASTM A105, BONNEY | | | | 1 | 0 | 1 | 1 | 0 | | | | |
| 112 | EA | FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F THREDOLET - "6"" - 5"" x 1-1/2""", CLASS 3000, FNPT ASTM A105, | | | | 2 | 0 | 2 | 2 | 0 | | | | |
| 112 | LA | BONNEY FORGE OR EQUAL, PER MSS SP-97, -20°F TO 250°F | | | | | U | 2 | 2 | 1 " | | | | |
| 116 | FΑ | VALVE, SWING CHECK - 6", ANSI 600, RF, API 6D, ASTM A216 WCB, FULL | | | | 1 | 0 | 1 | 1 | 0 | | | | |
| 110 | | PORT, BOLTED BONNET W/ "O" RING GASKET AND 1/2" PLUG, FOR | | | | _ | | | - | | | | | |
| | | SWEET NATURAL GAS SERVICE, -20°F TO 120°F, CLEANED AND PAINTED | | | | | | | | | | | | |
| | | W/ SHOP PRIMER | | | | | | | | | | | | |
| 115 | EA | VALVE, PLUG - 6", ANSI 600, RF, API 6D, ASTM A216 WCB, REGULAR | | | | 1 | 0 | 1 | 1 | 0 | | | | |
| | | PATTERN, FOR SWEET NATURAL GAS SERVICE, -20°F TO 120°F, MANUAL | | | | | | | | | | | | |
| | | GEAR OPERATOR & HANDWHEEL, CLEANED AND PAINTED W/ SHOP | | | | | | | | | | | | |
| | | PRIMFR | | | | | | | | | | | | |
| 114 | EA | VALVE, PLUG - 4", ANSI 600, RF, API 6D, ASTM A216 WCB, REGULAR | | | | 1 | 0 | 1 | 1 | 0 | | | | |
| | | PATTERN, FOR SWEET NATURAL GAS SERVICE, -20°F TO 120°F, MANUAL | | | | | | | | | | | | |
| | | GEAR OPERATOR & HANDWHEEL, CLEANED AND PAINTED W/ SHOP | | | | | | | | | | | | |
| | | PRIMER | _ | | _ | | _ | _ | _ | | | _ | _ | |
| 74 | EA | VALVE, PLUG - 1 1/2", ANSI 600, RF, API 6D, ASTM A216 WCB, REGULAR | 3 | | 3 | | 0 | 6 | 0 | 6 | | 3 | 3 | |
| | | PATTERN, FOR SWEET NATURAL GAS SERVICE, -20°F TO 120°F, LEVER | | | | | | | | | | | | |
| | | OPERATED C/W LOCKING DEVICE, CLEANED AND PAINTED W/ SHOP | | | | | | | | | | | | |
| 75 | EA | PRIMER VALVE, BALL - 16", ANSI 600, RF, API 6D, FULL PORT, DOUBLE BLOCK & | 1 | | 1 | | 0 | 2 | 0 | 2 | | 1 | 1 | |
| /3 | LA | BLEED, FOR SWEET NATURAL GAS SERVICE, -20°F TO 120°F, LESS LEVER | _ | | 1 1 | | U | | U | | | _ | - | |
| | | FOR MOUNTING VALVE OPERATOR, CLEANED AND PAINTED W/ SHOP | | | | | | | | | | | | |
| | | PRIMER | | | | | | | | | | | | |
| 76 | EA | VALVE, BALL - 12", ANSI 600, RF, API 6D, FULL PORT, DOUBLE BLOCK & | 1 | | 1 | 4 | 0 | 6 | 4 | 2 | | 1 | 1 | |
| , , | | BLEED, FOR SWEET NATURAL GAS SERVICE, -20°F TO 120°F, LESS LEVER | _ | | | | | | | _ | | _ | _ | |
| | | FOR MOUNTING VALVE OPERATOR, CLEANED AND PAINTED W/ SHOP | | | | | | | | | | | | |
| | | PRIMER | | | | | | | | | | | | |
| 77 | EA | VALVE, BALL - 10", ANSI 600, RF, API 6D, FULL PORT, DOUBLE BLOCK & | 2 | | 2 | | 0 | 4 | 0 | 4 | | 2 | 2 | |
| | | BLEED, FOR SWEET NATURAL GAS SERVICE, -20°F TO 120°F, LESS LEVER | | | | | | | | | | | | |
| | | FOR MOUNTING VALVE OPERATOR, CLEANED AND PAINTED W/ SHOP | | | | | | | | | | | | |
| | | PRIMER | | | | | | | | | | | | |
| 78 | EA | VALVE, BALL - 6", ANSI 600, RF, API 6D, FULL PORT, DOUBLE BLOCK & | 2 | | 2 | 2 | 0 | 6 | 2 | 4 | | 2 | 2 | |
| | | BLEED, FOR SWEET NATURAL GAS SERVICE, -20°F TO 120°F, LEVER | | | | | | | | | | | | |
| | | OPERATED, C/W LOCKING DEVICE, CLEANED AND PAINTED W/ SHOP | | | | | | | | | | | | |
| | | PRIMER | | | | | | | | | | | | |
| 79 | EA | VALVE, BALL - 4", ANSI 600, RF x WE, FULL PATTERN, API 6D, FULL PORT, | 1 | | 1 | | 0 | 2 | 0 | 2 | | 1 | 1 | |
| | | LEVER OPERATED, C/W LOCKING DEVICE, TWT 4" OD, 0.237" WT, GRB | | | | | | | | | | | | |
| 80 | EA | PIPE VALVE, BALL - 4", ANSI 600, RF, API 6D, FULL PORT, DOUBLE BLOCK & | 1 | | 1 | | 0 | 2 | 0 | 2 | | 1 | 1 | |
| 80 | LA | BLEED, FOR SWEET NATURAL GAS SERVICE, -20°F TO 120°F, LEVER | 1 | | 1 1 | | U | | U | | | _ | - | |
| | | OPERATED, C/W LOCKING DEVICE, CLEANED AND PAINTED W/ SHOP | | | | | | | | | | | | |
| | | PRIMER | | | | | | | | | | | | |
| 81 | EA | VALVE, BALL - 2", ANSI 600, RF, API 6D, FULL PORT, DOUBLE BLOCK & | 5 | | 5 | | 0 | 10 | 0 | 10 | | 5 | 5 | |
| |] | BLEED, FOR SWEET NATURAL GAS SERVICE, -20°F TO 120°F, LEVER | _ | | | | | | - | | | | | |
| | | OPERATED, C/W LOCKING DEVICE, CLEANED AND PAINTED W/ SHOP | | | | | | | | | | | | |
| | | PRIMER | | | | <u>L</u> | | | | | | | | |
| 82 | EA | VALVE, BALL - 1", CLASS 3000, W.O.G., THRD, FNPT, C.S, SS TRIM, FULL | 2 | | 2 | 2 | 0 | 6 | 2 | 4 | | 2 | 2 | |
| | | PORT, NATURAL GAS SERVICE, C/W LEVER OPERATOR & LOCKING DEVICE | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 83 | EA | VALVE, BALL - 3/4", CLASS 3000, W.O.G., THRD, FNPT, C.S, SS TRIM, FULL | 2 | | 2 | 2 | 0 | 6 | 2 | 4 | | 2 | 2 | |
| | | PORT, NATURAL GAS SERVICE, C/W LEVER OPERATOR & LOCKING DEVICE | | | | | | | | | | | | |
| | | VALVE DALL 4/0H CLASS 2000 W.O. O. TUDE THE CO. TO THE CO. | | | <u> </u> | | | | | <u> </u> | | | | |
| 84 | EA | VALVE, BALL - 1/2", CLASS 3000, W.O.G., THRD, FNPT, C.S, SS TRIM, FULL | 3 | | 3 | 1 | 0 | 7 | 1 | 6 | | 3 | 3 | |
| | | PORT, NATURAL GAS SERVICE, C/W LEVER OPERATOR & LOCKING DEVICE | | | | | | | | | | | | |
| 85 | FT | VALVE, BALL - 1/4" BLAH BLAH | | 1 | 1 | | 0 | 4 | 0 | 0 | | | | |
| δɔ | FI | VALVE, DALE - 1/4 DEATI DEATI | | 4 | | | U | 4 | U | U | | | | |

| | T | | | 1 | 1 | Т. | 1 - | п . | | | 1 | 1 | | | |
|----------|----------|--|----|---|-----|----------|----------|----------|----|----------|---|---|----|----|--|
| 105 | EA | CLOSURE, VERTICAL - 6.625" OD, ANSI 600, TWT {NOMWT} WT, {NOMGR} PIPE, YALE OR EQUIV. | | | | 1 | 0 | 1 | 1 | 0 | | | | | |
| 63 | EA | CLOSURE, HORIZONTAL - 20.000" OD, ANSI 600, TWT 0.500" WT, X60 | 2 | | 2 | | 0 | 4 | 0 | 4 | | 2 | 2 | | |
| 03 | | PIPE, YALE OR EQUIV. | _ | | _ | | | - | Ö | 7 | | _ | | | |
| 64 | EA | CLOSURE, HORIZONTAL - 12.750" OD, ANSI 600, TWT 0.375" WT, X52 | 1 | | 1 | | 0 | 2 | 0 | 2 | | 1 | 1 | | |
| | | PIPE, YALE OR EQUIV. | | | | | | | | | | | | | |
| 65 | EA | CLOSURE, HORIZONTAL - 4.500" OD, ANSI 600, TWT 0.237" WT, GR B | 1 | | 1 | | 0 | 2 | 0 | 2 | | 1 | 1 | | |
| | | PIPE, YALE OR EQUIV. | | | | | | | | | | | | | |
| 66 | EA | CLOSURE, HORIZONTAL - 2.375" OD, ANSI 600, TWT 0.218" WT, GR B | 2 | | 2 | | 0 | 4 | 0 | 4 | | 2 | 2 | | |
| | | PIPE, YALE OR EQUIV. | | | 1 | | | | | | | | | | |
| 67 | EA | SADDLE, WELD 6" ON 20", 5/8" THK, HDR EDGE TAPERED TO 0.280", | 2 | | 2 | | 0 | 4 | 0 | 4 | | 2 | 2 | | |
| | | W/VENT HOLE, MSS-SP-75, Y65, PER FLEETLINE CATALOG SFI-105 & | | | | | | | | | | | | | |
| 68 | EA | ASME B31.8 SADDLE, WELD 4" ON 12", 5/8" THK, HDR EDGE TAPERED TO 0.237", | 1 | | 1 | 1 | 0 | 3 | 1 | 2 | | 1 | 1 | | |
| 00 | | W/VENT HOLE, MSS-SP-75, Y52, PER FLEETLINE CATALOG SFI-105 & | _ | | | 1 | | | - | | | _ | | | |
| | | ASME B31.8 | | | | | | | | | | | | | |
| 69 | EA | SADDLE, WELD 4" ON 10", 5/8" THK, HDR EDGE TAPERED TO 0.237", | 1 | | 1 | | 0 | 2 | 0 | 2 | | 1 | 1 | | |
| | | W/VENT HOLE, MSS-SP-75, Y52, PER FLEETLINE CATALOG SFI-105 & | | | | | | | | | | | | | |
| | | ASME B31.8 | | | | | | | | | | | | | |
| 70 | EA | SADDLE, WELD 2" ON 20", 5/8" THK, HDR EDGE TAPERED TO 0.218", | 2 | | 2 | | 0 | 4 | 0 | 4 | | 2 | 2 | | |
| | | W/VENT HOLE, MSS-SP-75, Y65, PER FLEETLINE CATALOG SFI-105 & | | | | | | | | | | | | | |
| 74 | | ASME B31.8 | | | + _ | - | _ | | | | | | | | |
| 71 | EA | PLUG, HEXHEAD, 1", 3000#, MNPT, ASTM A105, PER ASME B16.11 | 2 | | 2 | 2 | 2 | 8 | 3 | 5 | 1 | | 2 | 2 | |
| 72 | EA | PLUG, HEXHEAD, 3/4", 3000#, MNPT, ASTM A105, PER ASME B16.11 | 2 | | 2 | 2 | 2 | 8 | 3 | 5 | 1 | | 2 | 2 | |
| 73 | EA | PLUG, HEXHEAD, 1/2", 3000#, MNPT, ASTM A105, PER ASME B16.11 | 3 | | 3 | 1 | 2 | 9 | 2 | 7 | 1 | | 3 | 3 | |
| 86 | EA | GASKET, SPIRAL WOUND - 24", ANSI 600, RF, FLEXITALLIC, STYLE CGI OR | | 6 | | | 1 | 7 | 6 | 1 | 1 | | | | |
| | | EQUAL, 304 SS WINDING WITH GRAPHITE FILLER, 304 SS OUTER & INNER | | | | | | | | | | | | | |
| | | RING. 1/8" THK. FOR MSS-SP-44 FLANGE | | | | | | | | | | | | | |
| 87 | EA | GASKET, SPIRAL WOUND - 16", ANSI 600, RF, FLEXITALLIC, STYLE CGI OR | 4 | | 4 | | 1 | 9 | 0 | 9 | 1 | | 4 | 4 | |
| | | EQUAL, 304 SS WINDING WITH GRAPHITE FILLER, 304 SS OUTER & INNER | | | | | | | | | | | | | |
| - 00 | | RING, 1/8" THK, FOR MSS-SP-44 FLANGE | | | + _ | - | 1 | | | | | | | | |
| 88 | EA | GASKET, SPIRAL WOUND - 12", ANSI 600, RF, FLEXITALLIC, STYLE CGI OR | 2 | | 2 | 3 | 1 | 8 | 3 | 5 | 1 | | 2 | 2 | |
| | | EQUAL, 304 SS WINDING WITH GRAPHITE FILLER, 304 SS OUTER & INNER RING. 1/8" THK. FOR MSS-SP-44 FLANGE | | | | | | | | | | | | | |
| 89 | EA | GASKET, SPIRAL WOUND - 10", ANSI 600, RF, FLEXITALLIC, STYLE CGI OR | 4 | | 4 | | 1 | 9 | 0 | 9 | 1 | | 4 | 4 | |
| | | EQUAL, 304 SS WINDING WITH GRAPHITE FILLER, 304 SS OUTER & INNER | | | - | | | | | | _ | | | | |
| | | RING, 1/8" THK, FOR MSS-SP-44 FLANGE | | | | | | | | | | | | | |
| 90 | EA | GASKET, SPIRAL WOUND - 8", ANSI 600, RF, FLEXITALLIC, STYLE CGI OR | 1 | | 1 | | 1 | 3 | 0 | 3 | 1 | | 1 | 1 | |
| | | EQUAL, 304 SS WINDING WITH GRAPHITE FILLER, 304 SS OUTER & INNER | | | | | | | | | | | | | |
| | | RING, 1/8" THK, FOR MSS-SP-44 FLANGE | | | | | | | | | | | | | |
| 91 | EA | GASKET, SPIRAL WOUND - 6", ANSI 600, RF, FLEXITALLIC, STYLE CGI OR | 4 | | 4 | 13 | 1 | 22 | 13 | 9 | 1 | | 4 | 4 | |
| | | EQUAL, 304 SS WINDING WITH GRAPHITE FILLER, 304 SS OUTER & INNER | | | | | | | | | | | | | |
| 02 | ΓΛ | RING, 1/8" THK, FOR ASME B16.5 FLANGE | | | _ | - | 1 | 10 | 2 | 7 | 1 | | 1 | | |
| 92 | EA | GASKET, SPIRAL WOUND - 4", ANSI 600, RF, FLEXITALLIC, STYLE CGI OR | 3 | | 3 | 3 | 1 | 10 | 3 | ' | 1 | | 3 | 3 | |
| | | EQUAL, 304 SS WINDING WITH GRAPHITE FILLER, 304 SS OUTER & INNER RING, 1/8" THK, FOR ASME B16.5 FLANGE | | | | | | | | | | | | | |
| 93 | EA | GASKET, SPIRAL WOUND - 2", ANSI 600, RF, FLEXITALLIC, STYLE CGI OR | 10 | 1 | 10 | | 1 | 21 | 0 | 21 | 1 | | 10 | 10 | |
| | -'` | EQUAL, 304 SS WINDING WITH GRAPHITE FILLER, 304 SS OUTER & INNER | | | | | | | | | _ | | | | |
| | | RING. 1/8" THK. FOR ASME B16.5 FLANGE | | | | | | | | | | | | | |
| 94 | EA | GASKET, SPIRAL WOUND - 1 1/2", ANSI 600, RF, FLEXITALLIC, STYLE CGI | 6 | | 6 | | 1 | 13 | 1 | 12 | | | 6 | 6 | |
| | | OR EQUAL, 304 SS WINDING WITH GRAPHITE FILLER, 304 SS OUTER & | | | | | | | | | | | | | |
| | | INNER RING, 1/8" THK, FOR ASME B16.5 FLANGE | | | | | | | | | | | | | |
| 102 | EA | BOLT, STUD - 1 1/4" DIA. x 8 3/4" LG., THREAD TO THREAD, ALLOY STEEL, | | | | 9 | 0 | 9 | 9 | 0 | | | | | |
| | | ASTM A193, GR B7 , CLASS 2A, RTAHT, W/ 2 HH NUTS EACH, ASTM A194, | | | | | | | | | | | | | |
| | | CLASS 2B, GR 2H, FOR 12", ANSI 600, RF FLANGE (20 BOLTS PER SET), | | | | | | | | | | | | | |
| <u> </u> | <u> </u> | TFFI ON COATED | | ! | | <u> </u> | <u> </u> | <u> </u> | | | | | | | |

| 101 | | BOLT, STUD - 1" DIA. x 6 3/4" LG., THREAD TO THREAD, ALLOY STEEL, ASTM A193, GR B7, CLASS 2A, RTAHT, W/ 2 HH NUTS EACH, ASTM A194, CLASS 2B, GR 2H, FOR 6", ANSI 600, RF FLANGE (12 BOLTS PER SET), | | 16 | 0 | 16 | 16 | 0 | | | |
|-----|----|--|--|----|---|----|----|---|--|--|--|
| 103 | EA | TEFLON COATED BOLT, STUD - 7/8" DIA. x 5 3/4" LG., THREAD TO THREAD, ALLOY STEEL, ASTM A193, GR B7, CLASS 2A, RTAHT, W/ 2 HH NUTS EACH, ASTM A194, CLASS 2B, GR 2H, FOR 4", ANSI 600, RF FLANGE (8 BOLTS PER SET), TEFLON COATED | | 5 | 0 | 5 | 5 | 0 | | | |
| 104 | | CAP - 6", 0.280" WT, BW, ASTM A234, WPB, PER ASME B16.9 | | 4 | 0 | 4 | 4 | 0 | | | |
| 108 | | NIPPLE, PIPE - 3/4" NOM., x 3" LG, 0.219" WT, SCH. 160, TBE, MNPT, SMLS, CS, ASTM A106, GRB, FOR SWEET NATURAL GAS SERVICE | | 1 | 0 | 1 | 1 | 0 | | | |
| | | | | | · | | | | | | |