



- NOTES:**
1. CUSTOMER RESPONSIBLE FOR THEIR EQUIPMENT ARRANGEMENT AND PIPING LAYOUT. FINAL DESIGN REQUIRES ATMOS ENERGY APPROVAL.
 2. CONCRETE SLAB REQUIRED BY 3RD PARTY FOR ALL EQUIPMENT.
 3. DIMENSIONS ARE APPROXIMATE.
 4. FENCE, CHAINLINK, WITH METAL POST, 6'-0" MIN HEIGHT.
 5. 100 % GRAVEL COVERAGE FOR INSIDE ENTIRE LDT.
 6. ALL ELECTRICAL EQUIPMENT OPERATED WITHIN THE CLASS 1 DIVISION II OR DIVISION I HAZARDOUS AREA SHALL BE RECOGNIZED APPROVED OR CERTIFIED BY UL, CSA OR FM FOR USE IN RESPECTIVE HAZARDOUS AREAS.

NOT FOR CONSTRUCTION
 -DRAWINGS PROVIDED BY ATMOS ENERGY ARE CONCEPTUAL ONLY AND NOT TO BE USED FOR FINAL CONSTRUCTION

| MARK | PIPE SPECIFICATIONS | | DESIGN DATA | | | | | | TESTING REQUIREMENTS | | | COATING SPECIFICATIONS | FIELD JOINT COATING | LONG SEAM TYPE | FIELD JOINT TYPE | | |
|------|---------------------|-------------------|-------------|--------------|--------------|---------------|--------------------------|-------------------|-----------------------|---------------------------------|---------------------|------------------------|---------------------|---------------------|------------------|-----------------|---------|
| | O.D. INCHES | WALL THICK INCHES | PIPE GRADE | ACTUAL CLASS | DESIGN CLASS | DESIGN FACTOR | P.S.I.G. @ 100% S.M.Y.S. | EXISTING MAP PSIG | DESIGN PRESS P.S.I.G. | INTERNAL HOOP STRESS % S.M.Y.S. | TEST PRESS P.S.I.G. | | | | | TEST DUR. HOURS | X-RAY % |
| A | 6.625 | .280 | X42 | 3 | 3 | .5 | 3549 | 720 | 720 | 20.3 | 1080 | 8 | 100 | M0002-SEP-10-02 FBE | 2 PART EPOXY | SMLS | WELDED |
| B | 6.625 | .280 | X42 | 3 | 3 | .5 | 3549 | 720 | 720 | 20.3 | 1080 | 4 | 100 | PAINTED | PAINTED | SMLS | WELDED |
| C | 4.500 | .237 | X42 | 3 | 3 | .5 | 4423 | 720 | 720 | 16.3 | 1080 | 8 | 100 | M0002-SEP-10-02 FBE | 2 PART EPOXY | SMLS | WELDED |
| D | 4.500 | .237 | X42 | 3 | 3 | .5 | 4423 | 720 | 720 | 16.3 | 1080 | 4 | 100 | PAINTED | PAINTED | SMLS | WELDED |
| E | 2.375 | .154 | X42 | 3 | 3 | .5 | 5447 | 720 | 720 | 13.2 | 1080 | 8 | 100 | PAINTED | PAINTED | SMLS | WELDED |

- REFERENCE DWG.**
1. PID
 2. 2" M.S. PIPING DETAILS
 3. 2" M.S. SKID DETAILS
 4. 2" M.S. REG./METER SPOOLS

PD11985, SHEET 1
 PD11985, SHEET 4
 REFERENCE
 PD11985, SHEET 5

| | | | |
|---|------------------------------------|----|----------|
| B | REV TO SUIT PM COMMENTS | RM | 12/09/08 |
| A | PRELIMINARY...NOT FOR CONSTRUCTION | RM | 10/29/08 |
| | REVISION | BY | DATE |

| | | |
|---------------------|--------------------------|---------------------|
| ATMOS energy | PROJ. ENGR.: DAVID SHUNG | DATE: |
| | DRAWN BY: RICK MARSH | 12/09/08 |
| | PROJECT No. # | DSWR No. # |
| | SHT. No. 3 OF 5 | DRAWING No. PD11985 |

TYP 2" MEASURING STA.
 LOT LAYOUT OPTION 2
 3RD PARTY RECEIPT INTO AN
 ATMOS DISTRIBUTION LINE