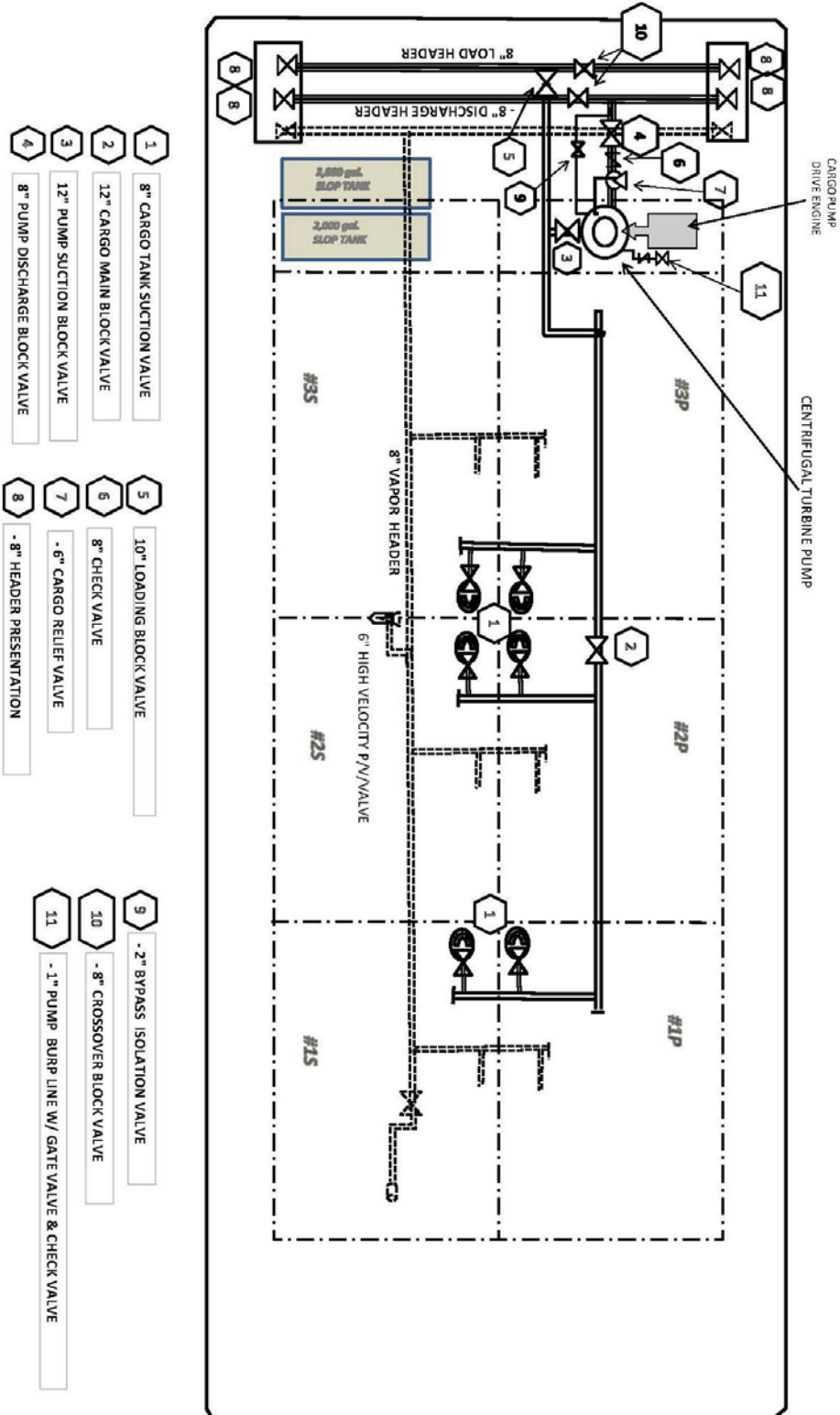


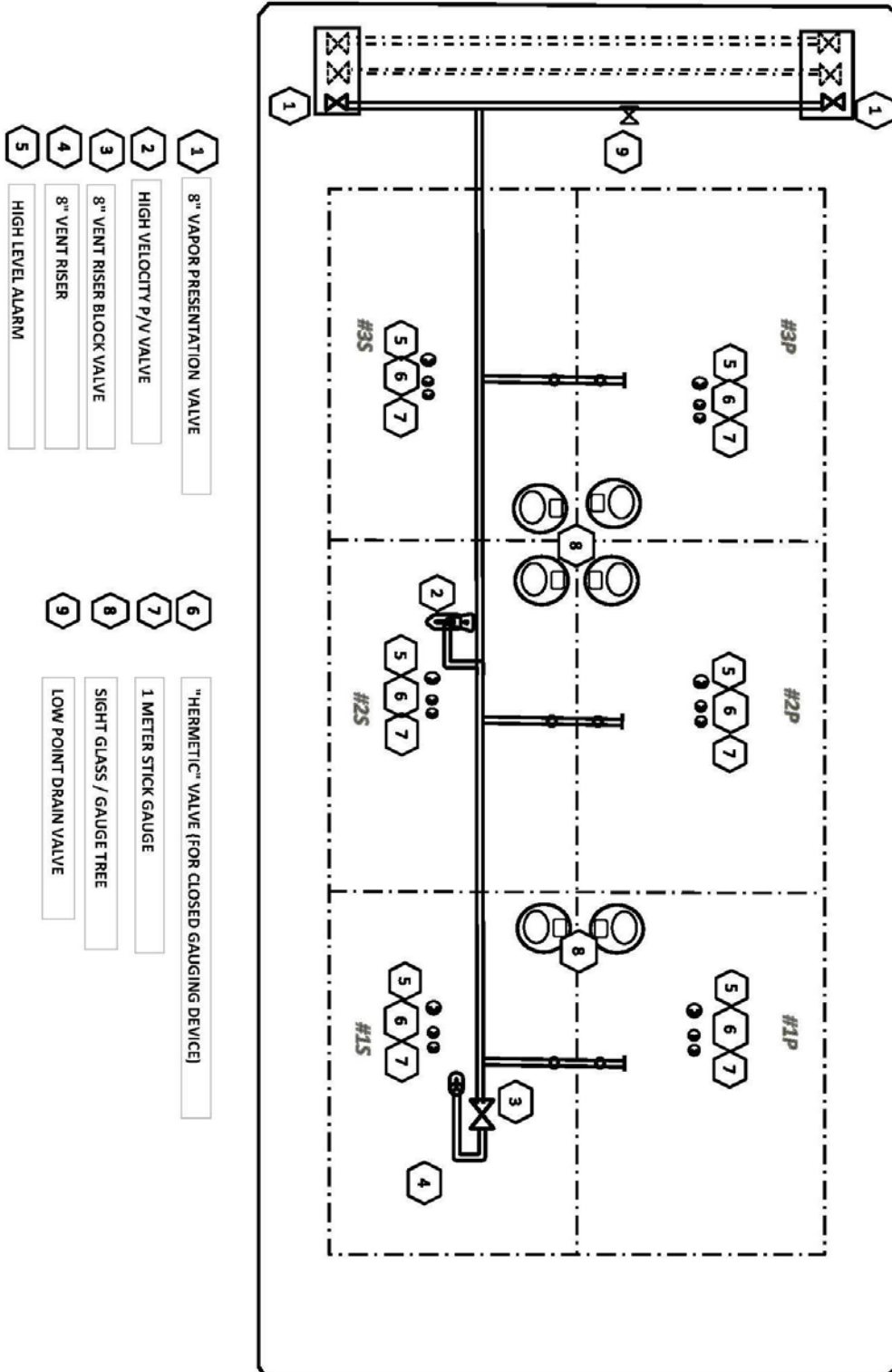
Hines Furlong Line, Inc. HFL 447 CARGO TRANSFER PROCEDURES

CARGO PIPING DIAGRAM



Hines Furlong Line, Inc.
HFL 447 CARGO TRANSFER PROCEDURES

155.750 (d) (1) VAPOR COLLECTION SYSTEM LINE DIAGRAMS



Hines Furlong Line, Inc.
HFL 447 CARGO TRANSFER PROCEDURES

STRIPPING PIPING DIAGRAM

- | | | | | | |
|---|--------------------------------------|----|---------------------------------------|----|---------------------------------------|
| 1 | FWD SLOP TANK FILL SHUT OFF VALVE | 6 | # 1 P CARGO TANK SUMP STRIPPING VALVE | 11 | # 3 P CARGO TANK SUMP STRIPPING VALVE |
| 2 | AFT SLOP TANK FILL SHUT OFF VALVE | 7 | # 1 S CARGO TANK SUMP STRIPPING VALVE | 12 | # 3 S CARGO TANK SUMP STRIPPING VALVE |
| 3 | FWD SLOP TANK SUCTION SHUT OFF VALVE | 8 | FWD CARGO MAIN STRIPPING VALVE | 13 | SLOP TRANSFER ISOLATION VALVE |
| 4 | AFT SLOP TANK SUCTION SHUT OFF VALVE | 9 | # 2 P CARGO TANK SUMP STRIPPING VALVE | 14 | CHECKVALVE |
| 5 | PUMPWELL STRIPPING VALVE | 10 | # 2 S CARGO TANK SUMP STRIPPING VALVE | | |

