



NOTES: 1. LFP DESIGNATES FIRE PROOFING INSULATION. 2. LOCATE PSV'S VENT LINES TO PERMIT DISCHARGE DOWNWARD WITHOUT POCKETS TO THE COLLECTING HEADER. 3. THE HEADER SHALL HAVE FIRE PROOFING AS INDICATED FROM PIPE COLUMN 14 UP TO NORTH BATTERY LIMIT. 4. ANY LOW POINTS IN BRANCH LINES SHALL CONTAIN LOW POINT DRAINS AND STEAM TRACING. 5. DESIGN (RELIEVING) TEMPS ARE SHOWN, NORMAL TEMP. IS AMBIENT. 6. THE FLARE HEADER SHALL HAVE A SLOPE OF 1/8" IN 10 FEET TOWARD THE NORTH BATTERY LIMIT.

7. FOR GENERAL NOTES, ETC. SEE F.5.1
8. ALL VENT AND RELIEF LINES CONNECTED TO FLARE HEADER SHOULD, IF POSSIBLE, SLOPE TO FLARE, IF NOT, STEAM TRACE ALL DEAD LEGS

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UTILITIES ON THIS DRAWING

- 13 450 HP STEAM
- 14 150 ATOMIZING STEAM
- 15 50 L.P. STEAM
- 16 DESUPERHEATED STEAM (SEE NOTE 6)

PHILADELPHIA GAS WORKS
ENGINEERING DEPT. PHILADELPHIA, PA.

APPROVED: 12-A-194

ITEM NOS. THIS DWG.: DS-151, DS-301

FOSTER WHEELER ENERGY CORPORATION
110 SOUTH ORANGE AVENUE, LEXINGTON, N.C.

UTILITY FLOW DIAGRAM
PROCESS AREAS SECTIONS 100, 150, 200, 300
SYNTHETIC NATURAL GAS
PHILADELPHIA GAS WORKS

PHILADELPHIA PENNSYLVANIA
EST. NO. 15-1778 DWA. NO. 1779-1-50-301