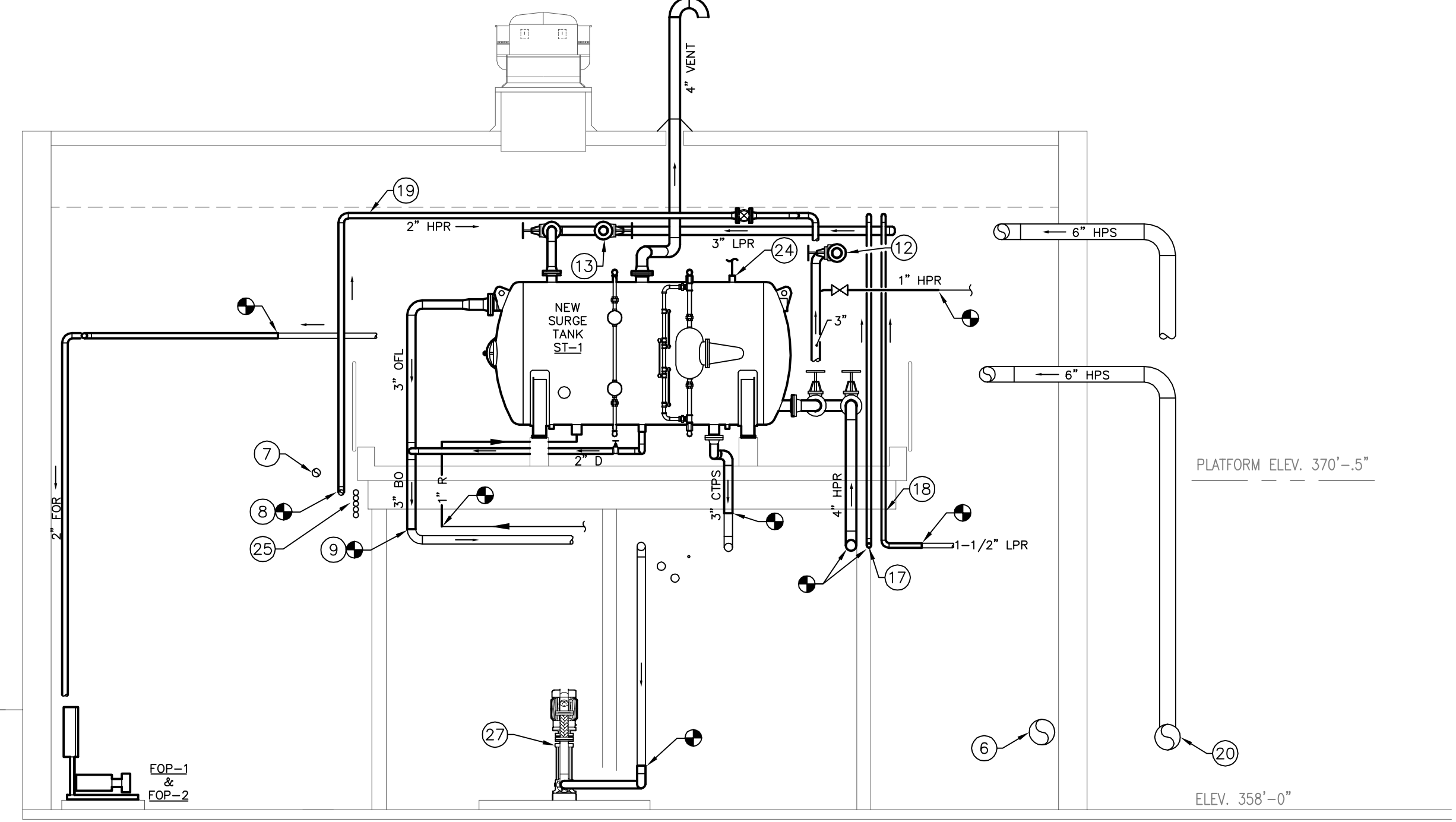
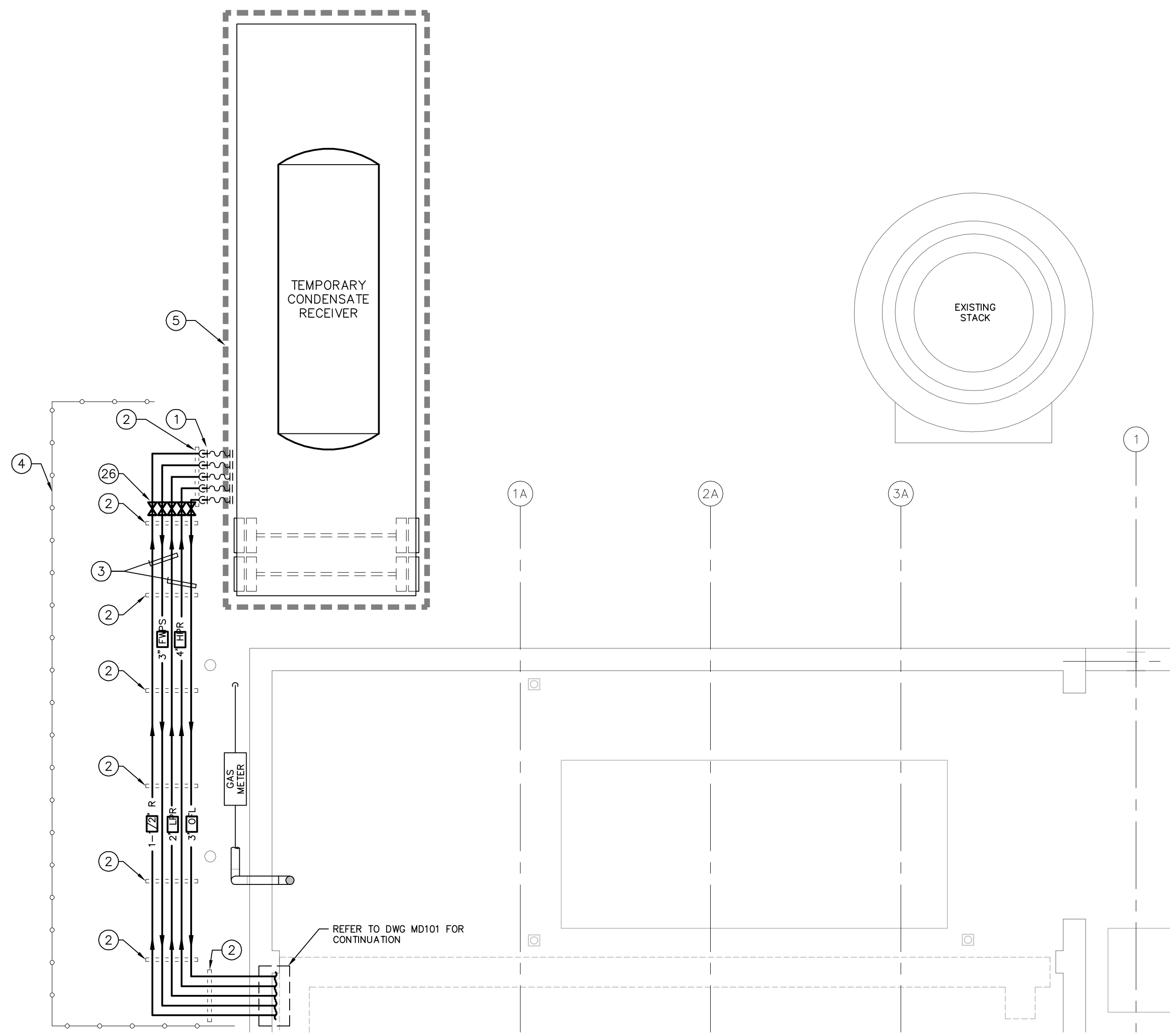


2 SECTION (DEAERATOR)  
M301 Scale: 1/4"=1'-0"



1 SECTION (SURGE TANK)  
M301 Scale: 1/4"=1'-0"



3 PART PLAN  
M301 Scale: 1/4"=1'-0"

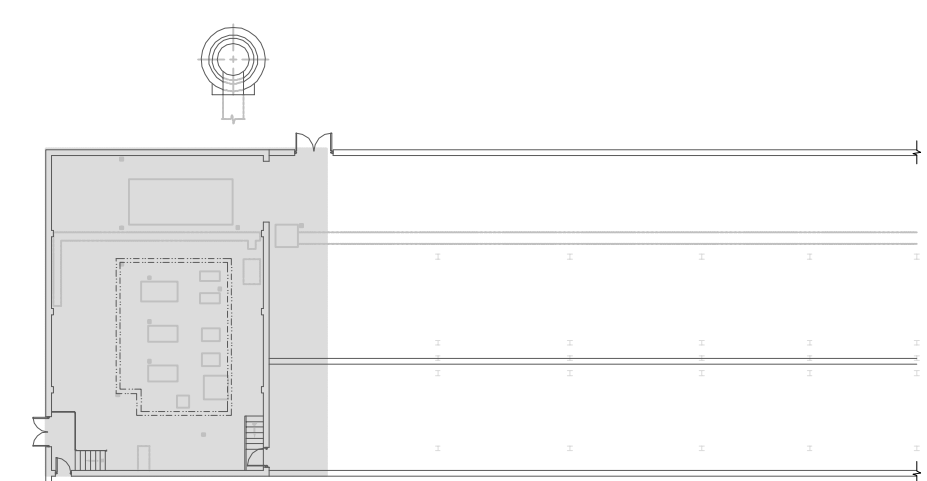
#### DRAWING KEY NOTES

- 1 FLEXIBLE PIPE CONNECTIONS.
- 2 PIPE SUPPORTS.
- 3 TEMPORARY PIPING SHALL BE REMOVED AFTER CONSTRUCTION IS COMPLETE.
- 4 TEMPORARY CHAIN LINK FENCING.
- 5 ALL PIPING, TANK, SUPPORTS AND CONNECTIONS SHALL BE PROVIDED BY RENTAL AGENCY. TEMPORARY CONDENSATE SYSTEM SHALL BE COMPLETE AND DELIVERED ON A FLATBED TRAILER. BOTTOM OF TANK SHALL BE AT ELEVATION 370'-0" OR HIGHER. TEMPORARY CONDENSATE SYSTEM SHALL BE REMOVED AFTER CONSTRUCTION IS COMPLETED.
- 6 EXISTING PRESSURE REDUCING STATION.
- 7 EXISTING 3" HPS PIPING.
- 8 EXISTING 2" HPR PIPING.
- 9 CONNECT TO EXISTING 3" BO PIPING.
- 10 CONNECT TO EXISTING CONDENSATE TRANSFER PUMP DISCHARGE HEADER.
- 11 CONNECT TO EXISTING FEEDWATER PUMP SUCTION.
- 12 SURGE TANK BYPASS PIPING (HIGH PRESSURE RETURN).
- 13 SURGE TANK BYPASS PIPING (LOW PRESSURE RETURN).
- 14 CONNECT NEW 1/2" SAMPLE PIPING TO EXISTING.
- 15 PRESSURE RELIEF VALVE PIPING.
- 16 DEAERATOR VENT PIPING.
- 17 NEW 1-1/2" PUMPED CONDENSATE PIPING.
- 18 NEW LOW PRESSURE CONDENSATE RETURN PIPING.
- 19 NEW HIGH PRESSURE CONDENSATE RETURN PIPING.
- 20 EXISTING HIGH PRESSURE STEAM HEADER.
- 21 NEW STEAM METER.
- 22 NEW 2" DEAERATOR DRAIN. CONNECT TO EXISTING 3" BO PIPING.
- 23 CONNECT NEW 1" CHEMICAL FEED PIPING TO EXISTING.
- 24 MAKE-UP WATER CONNECTION.
- 25 EXISTING SAMPLE PIPING (RACKED). REFER TO DWG MH101 FOR CONTINUATION.
- 26 SHUT-OFF VALVES.
- 27 NEW FEEDWATER PUMP.
- 28 SURGE TANK BYPASS.
- 29 EXISTING 6" HPS PIPING.
- 30 SHUT-OFF VALVE.

#### GENERAL NOTES

WHEREVER THE TERM "REMOVE" OR "DEMOLISH" IS USED, THE INTENT OF THE TERMS SHALL BE TO "REMOVE AND DISPOSE OF OFF-SITE IN ACCORDANCE" WITH ALL LOCAL, FEDERAL, EPA AND DEP REGULATIONS".

WHEREVER THE TERM "PROVIDE" OR "NEW" IS USED, THE INTENT OF THE TERMS SHALL BE TO "PROVIDE AND INSTALL".



Building 7 Key Plan

Revisions:	Date
4 Construction Documents	03-21-11
3 100% Review	04-30-10
2 90% Construction Documents	01-22-10
1 PROGRESS SET	07-20-09

#### ENGINEERS:

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Drawing Title

#### MECHANICAL SECTIONS AND PART PLANS

Approved: Safety Manager

Approved By: Project Engineer

Approved By: Chief, FMS

Project Title

#### BOILER PLANT MODIFICATIONS VETERANS INTEGRATED SERVICE NETWORK 1

Location

**MANCHESTER, N.H.**

Building #

7

Scale

**AS NOTED**

Checked

**CWP**

Drawn

**MDB**

Date

03/21/2011

VA Project Number

**608-11-110**

Drawing Number

**M301**

Dwg. 14 of 20

**Office of  
Facilities  
Management**

**Department of  
Veterans Affairs**