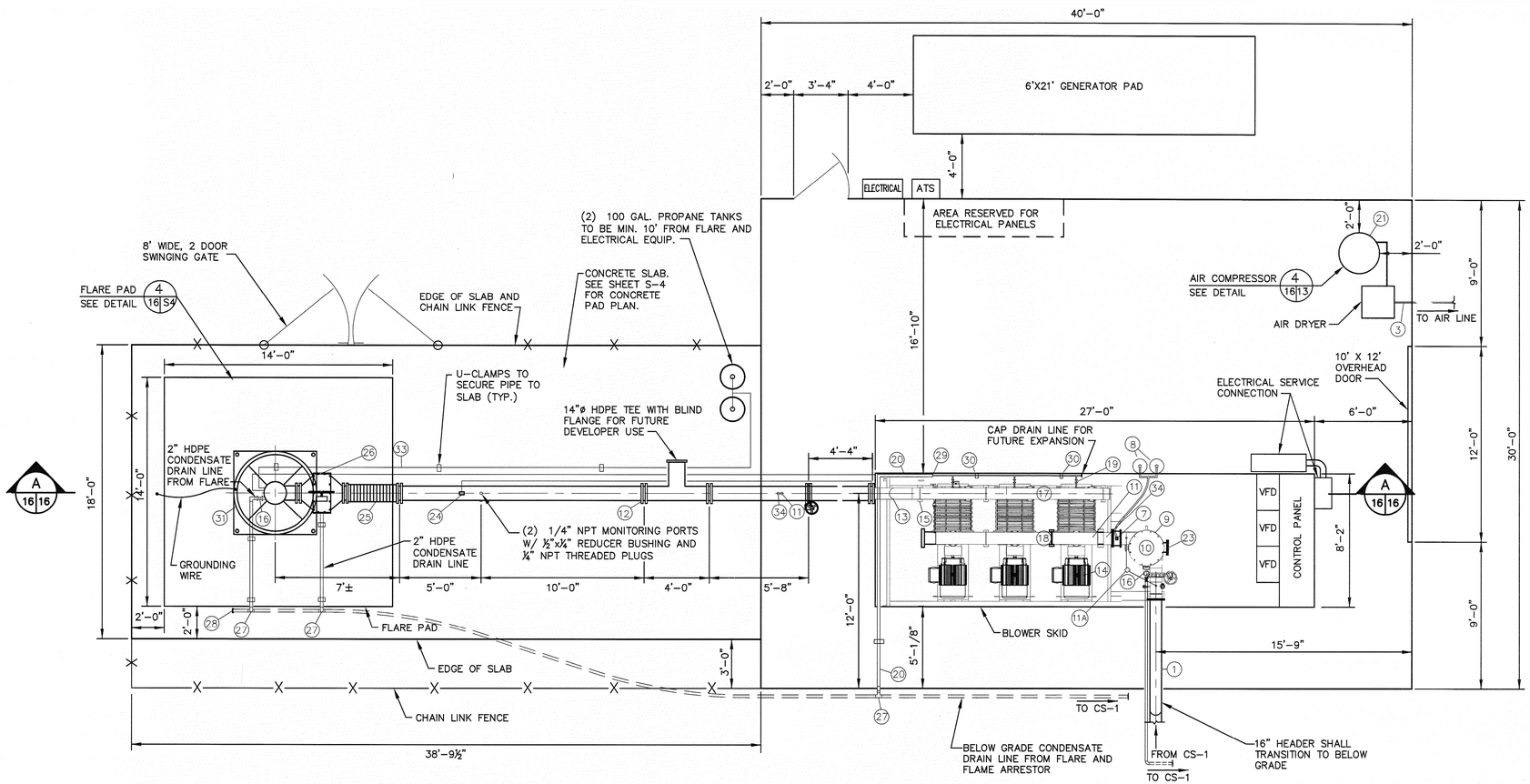
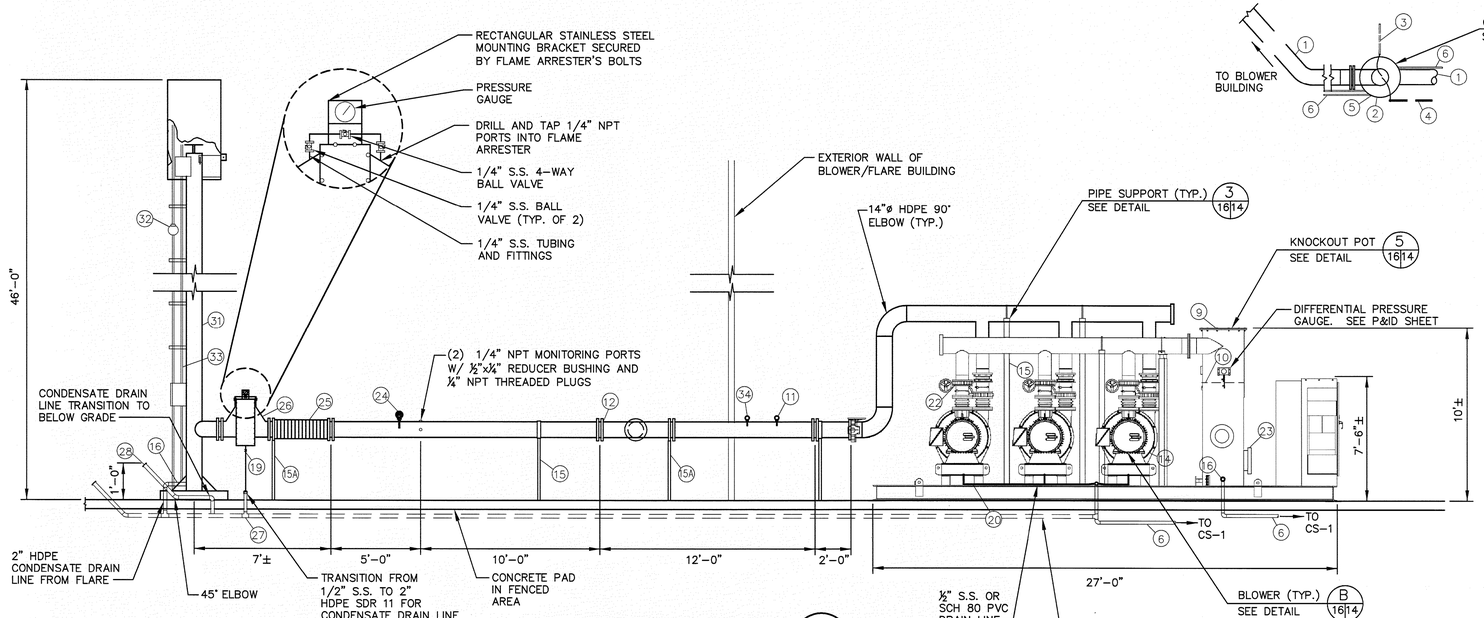


BLOWER/FLARE STATION LAYOUT DETAIL 1|7|16

NOT TO SCALE

LEGEND

1. 16"ø HDPE SDR 17 PIPE
2. CONDENSATE SUMP CS-1
3. 2"ø HDPE SDR 11 AIR SUPPLY LINE
4. 2"ø HDPE SDR 11 CONDENSATE FORCEMAIN TO EXISTING 3"ø LEACHATE FORCEMAIN
5. 2"X16" HDPE BRANCH SADDLE
6. 2"ø HDPE SDR 11 CONDENSATE DRAIN LINE
7. PNEUMATIC ACTUATOR SHUT-OFF VALVE
8. NITROGEN CYLINDERS
9. CONDENSATE KNOCKOUT POT
10. MOISTURE ELIMINATOR
11. PRESSURE GAUGE WITH SENSOR
11A. DIFFERENTIAL PRESSURE GAUGE
12. FLANGE CONNECTION
13. 12" HDPE 90° ELBOW
14. BLOWER/MOTOR ASSEMBLY
15. PIPE SUPPORT (SEE DETAIL 7 SHEET 14)
15A. PIPE SUPPORT (SEE DETAIL 7 SHEET 14)
16. 2" HDPE BALL VALVE
17. 14" HDPE BLOWER OUTLET LFG PIPE TO FLARE
18. 16" HDPE BLOWER INLET LFG PIPE FROM KNOCKOUT POT
19. 1/2" S.S. BALL VALVE ON BLOWER DRAIN LINE
20. 2"ø SCH 80 PVC CONDENSATE DRAIN LINE FROM BLOWERS
21. AIR COMPRESSOR
22. BUTTERFLY VALVE
23. 10" FLANGED CLEANOUT
24. FLOW METER AND TRANSMITTER ASSEMBLY
25. FLANGED EXPANSION JOINT
26. FLAME ARRESTER
27. 2" HDPE SDR 11 TEE
28. 2" REAL PRODUCTS QUICK CAP KEY ACCESS TO DRAIN LINE
29. 2" X 1/2" TRANSITION FROM S.S. TUBE TO HDPE
30. U-CLAMPS TO SECURE PIPE TO SLAB
31. VERTICAL CANDLESTICK FLARE UNIT
32. THERMOCOUPLE
33. PROPANE SUPPLY LINE
34. THERMOMETER



BLOWER SECTION A|16|16

NOT TO SCALE

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 16 2010
SOUTHWEST DISTRICT TAMPA

RECORD DRAWING

DATE: APRIL 15, 2010

RAYMOND J. DEVER, P.E. LICENSE NO. 43031

REV	DATE	DESCRIPTION	BY
1	4/15/10	REVISED FOR THE RECORD	DRC

DRAWING TITLE: **DETAILS - BLOWER/FLARE STATION**

PROJECT TITLE: **SOUTHEAST COUNTY LANDFILL LANDFILL GAS COLLECTION AND CONTROL SYSTEM PROJECT**

CLIENT: **HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT TAMPA, FLORIDA**

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PROJ. NO. 07055.00 | DSN. BY: IMM | DWN. BY: IMM/DAW | CHK. BY: DHP | QA/A R/W BY: DRC | APP. BY: RJD

CADD FILE: 075500BF-STATION

DATE: OCTOBER 8, 2008

SCALE: NOT TO SCALE

DRAWING NO. **16** of **30**

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