Demo Existing Compressor Shed Walls

168'-4" | 301'-10" | 44'-9"

PROPERTY LINE

27'-3" | 28' | 28' | 28' | 28' | 28' | 27'-3" | 30' | 30' | 30' | 30' | 30' | 30' | 30' | 30' | 30' | 30' | 30' | 25' | 19'-9"

119'-10" | 39' | 40' | 39'

11'-3" | 27'-9" | 24' | 16' | 27'-9"

Air Receiver Tanks

I/O GAS ANALYSIS 39'-6 x 30'-6

Non-Flammable Gas Storage 37'-6 x 12'

MATERIAL STORAGE

Pallet Rack

Container Rack

MECHANICAL ROOM 39'-0 x 30'-0

4'X8' ASLE

12'X12' RSD

FIRE PUMP AREA

ELECTRICAL ROOM

SIMULATED WOOD FLOOR

EXISTING ELECTRICAL ROOM

SUITE B

SUITE A

SUITE C

WOMENS

MENS

MENS LOCKER

SERVER ROOM

UTILITY

STORAGE

NDE 1,066 SF

SALES

APCOM 871 SF

< GROUND FLOOR SAFETY AISLE >

CONTROL ROOM 24'-0 x 30'-6

-- Chem Loop --

PDF

Bench Scale

BENCH SCALE 40'-0 x 55'-0

Access Area to Lower Level for Crane

Drop Tube No. 1

Sample Tube No. 1

100 dia CPT

EL. 12'

EL. 12' – WALK-THRU TO CHEM LOOP TOWER from BENCH SCALE AREA

6" HP Steam Blast

Steam Flash Tank Mount on Wall Above Boiler

Air Compressor Recycle Gas

Super Heater

Electric Boiler

Heat Exchanger

Chiller

Condenser

Chilled Water

Dessicant Dryer

Air Compressor Recycle Gas

EQUIPMENT & CART STORAGE

FABRICATION AREA 39'-0 x 30'-0

CHEMICAL LOOPING 13'-0 x 39'-0

Boiler Feed Pump

Future Platform

Reducer Baghouse

Coal/Limestone Feed System

Baghouse

Boiler Feed Pump

Tower Stairs

HIGH FLOW MODELING 13'-6 x 39'-0

Cold Air Blower

Air Heater Fan

Hot Air Blower

Hot Water Circ Heater

Hammermill Exhaust Fan

Hammermill

Jet Pulverizer

Raw Coal Silo

Coal Mill

PDF 40'-6 x 35'-0

Baghouse

Baghouse Fan

PC Silo

Plywood Cover

Coal Crusher

Coal Hopper

Roll-Off Container

Concrete Pad

12'X12' RSD

6'-6"

Grade Access Door

10'X12' RSD

OFA DUCT CLEARANCE 12'-0"

ESBF

FD Fan

Induced Draft Fan

Heat Exchanger Baghouse

Baghouse

Rockuper Riser Fan

Heat Blowers

Air Heater

Air Heater

Air Heater

Air Heater

SO2 Scrubber

Lime Slaker

HYDRATED LIME SILO

HYDRATED LIME SILO

SO2 Lime Feeder

To ESBF Secondary Air

Booster Fan

Heat Exchanger "Big Red"

GPU Box

GPU Box

GPU Box

O2 Storage

12' DRIVE

8'X10' RSD

Scrubber Stack

COOLING TOWER

COOLING WATER PUMPS

MAIN

TRANS

TRANS

Primary Air Fan

Silo 4

Silo 3

Silo 5

Coal Storage

Coal Storage

Coal Storage

CO2 Trailer

N2 Trailer

Conex Box

Conex Box

Conex Box

Conex Box

Conex Box

Conex Box

Conex Box

Conex Box

Conex Box

Conex Box

Mercury Test Trailer

Mercury Test Trailer

100' Wetlands Regulated Area

WETLANDS

WETLANDS

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NORTH

REV.	DESCRIPTION	DATE
–	ORIGINAL DRAWING CREATED/CONVERTED	06/03/13
A	CHANGES PER MEETINGS WEEK OF 6/14/13	06/13/13
B	CHANGES PER MEETINGS WITH WALDRON	06/24/13
C	REPOSITIONED RED. SEALPOT & EXT. STAIRS	07/10/13
D	Modified Control, Gas and Bottle Rooms	07/15/13
D1	Added missing Mech. and Electrical Rooms	07/15/13
E	Changed stairway & added door–Gas Room	07/15/13

REV.	DESCRIPTION	DATE

NOTES:

NOTES:

PRELIMINARY

NOT FOR CONSTRUCTION

NOTES:

AVAKIAN & ASSOC., LLC
2705 HEATHER DRIVE
YORK, PA 17402

CLIENT: ALSTOM POWER WINDSOR, CT

TITLE: TEST FACILITY RELOCATION
44 TOBEY ROAD ~ BLOOMFIELD, CT
GENERAL ARRANGEMENT

PROJ. MGR.: A. MARK AVAKIAN
PROJ. CODE: –
PROJ. ENG.: RON SCHISSLER
SCALE: 1"=15'
DATE: 07/30/2013

FILE NAME: ALTR-1-GA-REVF.DWG
TYPE: P | REV.: F
DWG. NO.: ALTR-1-GA