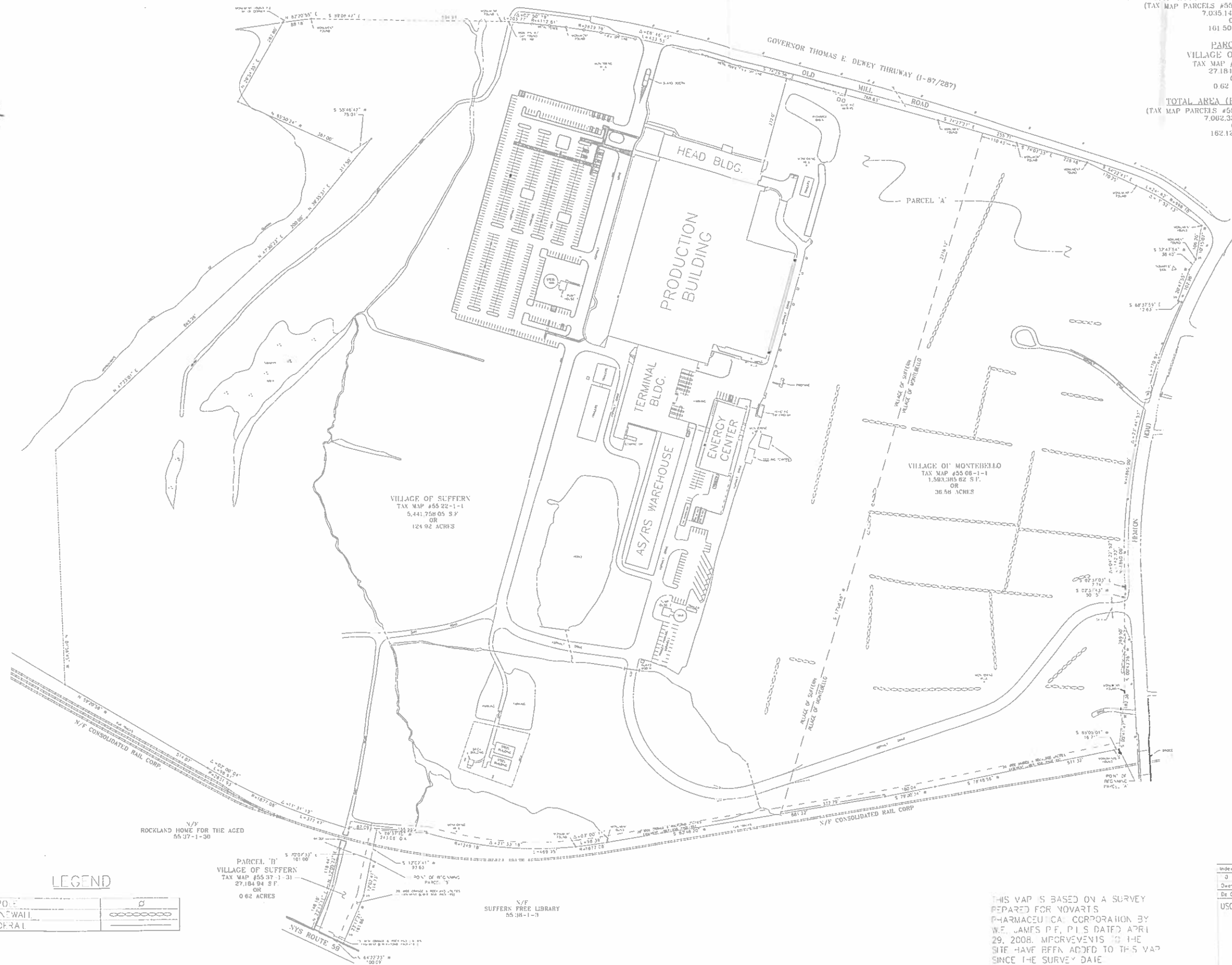




PARCEL 'A'
VILLAGE OF SUFFERN + VILLAGE OF MONTEBELLO
(TAX MAP PARCELS #55-22-1-1 + #55-06-1-1)
7,035,143.67 S.F.
OR
161.50 ACRES

PARCEL 'B'
VILLAGE OF SUFFERN
TAX MAP #55-37-1-31
27,184.94 S.F.
OR
0.62 ACRES

TOTAL AREA (PARCELS A & B)
(TAX MAP PARCELS #55-22-1-1 + #55-06-1-1)
7,062,328.61 S.F.
OR
162.12 ACRES



LEGEND

U-POLE	
STONE WALL	
GUIDE RAIL	

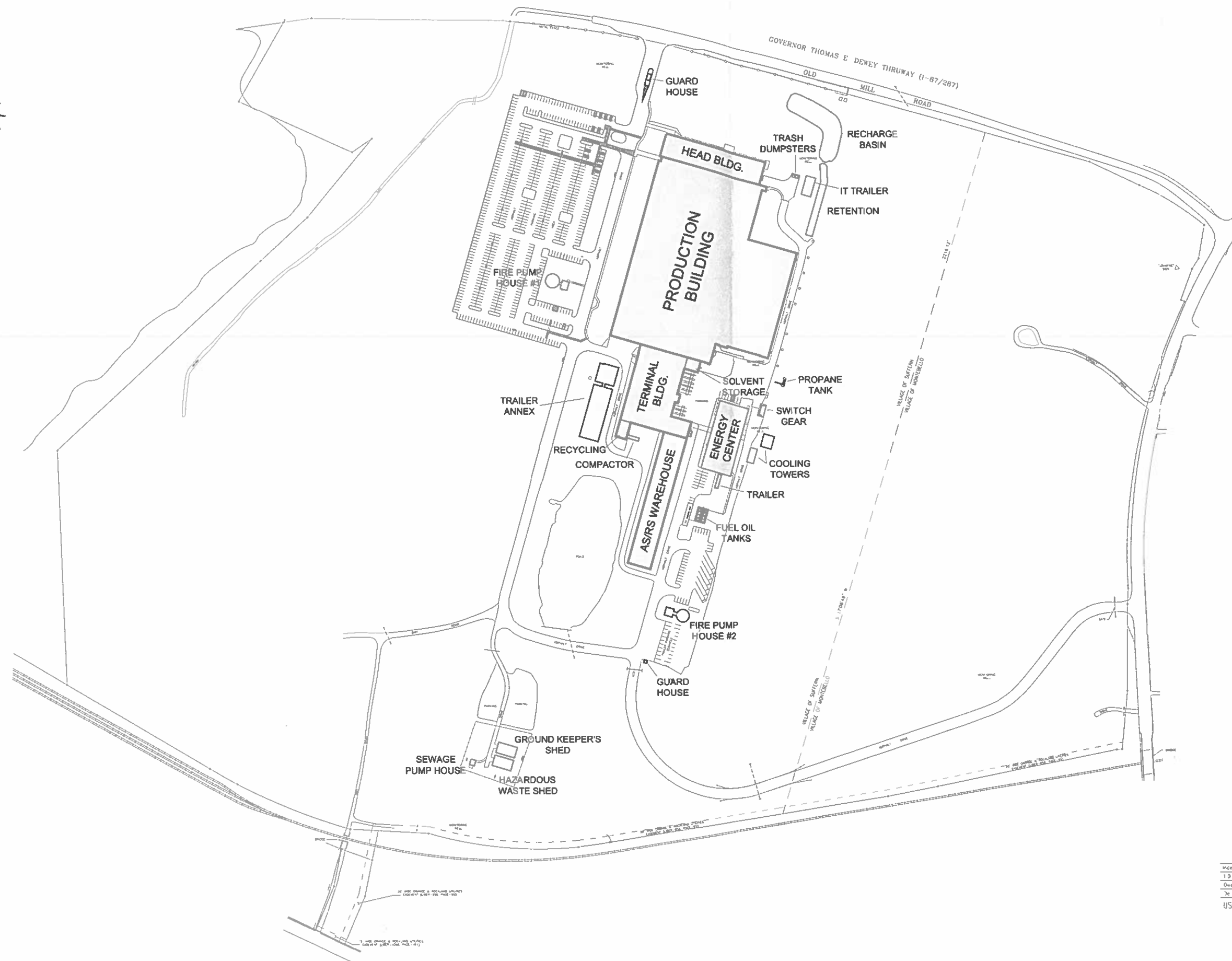
PARCEL 'B'
VILLAGE OF SUFFERN
TAX MAP #55-37-1-31
27,184.94 S.F.
OR
0.62 ACRES

SUFFERN FREE LIBRARY
55-38-1-3

THIS VAP IS BASED ON A SURVEY
PREPARED FOR NOVARTIS
PHARMACEUTICAL CORPORATION BY
W.F. JAMES P.E., P.I.S. DATED APRIL
29, 2008. IMPROVEMENTS TO THE
SITE HAVE BEEN ADDED TO THIS VAP
SINCE THE SURVEY DATE.

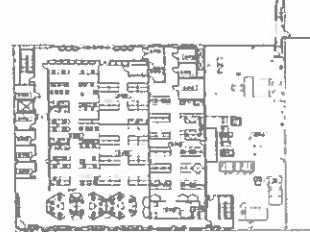
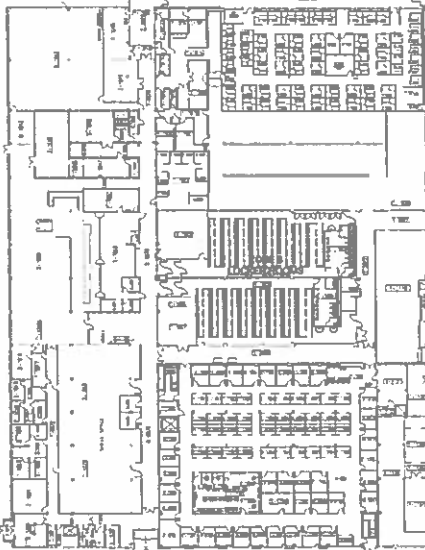
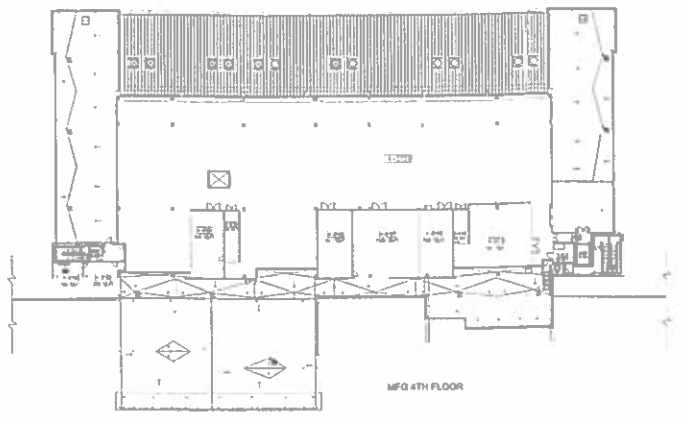
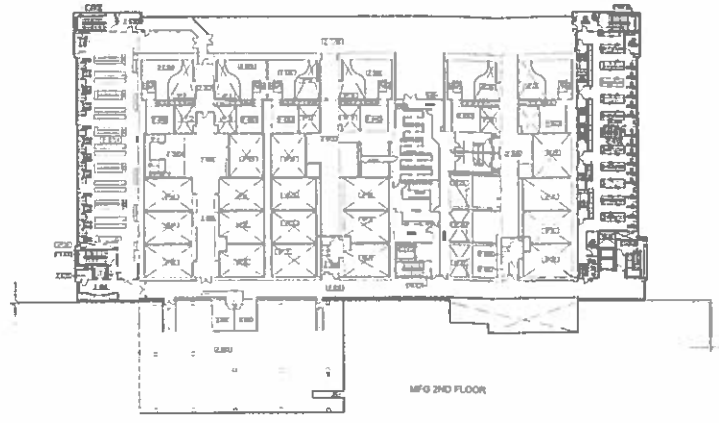
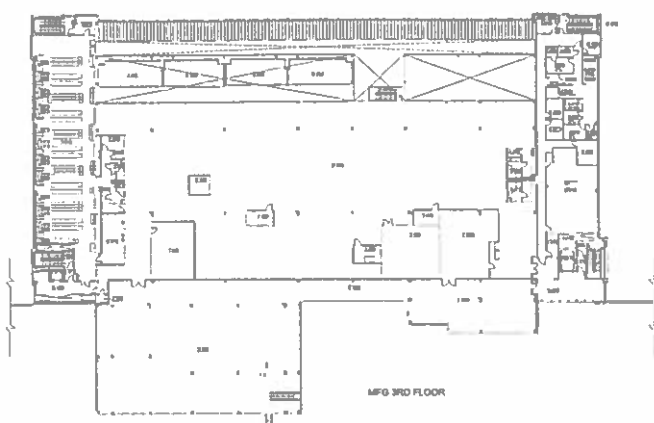
Substitute for: SF_2008_SIT_SURVEY
Revised by:

Index	Revision Description	Date	Drawn
0	Initial drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
01	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
02	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
03	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
04	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
05	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
06	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
07	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
08	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
09	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
10	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
11	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
12	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
13	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
14	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
15	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
16	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
17	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
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19	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
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21	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
22	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
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24	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
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26	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
27	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
28	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
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30	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
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72	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
73	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
74	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
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95	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
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98	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
99	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin
100	Revised drawing	12 Aug 2014 17:14:37 UTC	Chris Rabin



Index	Version Description			
1.0	Import Drawing			
Owens Robert	Creator	09 Jun 2014 10:00:00 UTC	Owens Robert	
De Crenn Kevin	Field Approver	10 Jun 2014 17:00:00 UTC	De Crenn Kevin	
US02-000	Site level	Layout	Pos	
S001	Site Layout			
Site Plan				
Copyright		Country	US	Scale
Sector		PHARMA	Format	1:150
			ANSI_D	US02.000.S001_DRA001

Substitute for: SF_SITE_PLA1
Replaced by:



QA 1ST FLOOR



PACKAGING AREA

PROCESS TEAM SUPPORT OFFICES

PACKAGING TOWERS/ROOM

RECEIVING

SHIPPING

PACKAGING COMPONENT TESTING LAB

RECYCLING

CONTROLLED STORAGE

ASBIS WAREHOUSE

RECYCLING

RECYCLING

RECYCLING

RECYCLING

RECYCLING

RECYCLING

RECYCLING

RECYCLING

RECYCLING

RECYCLING

RECYCLING

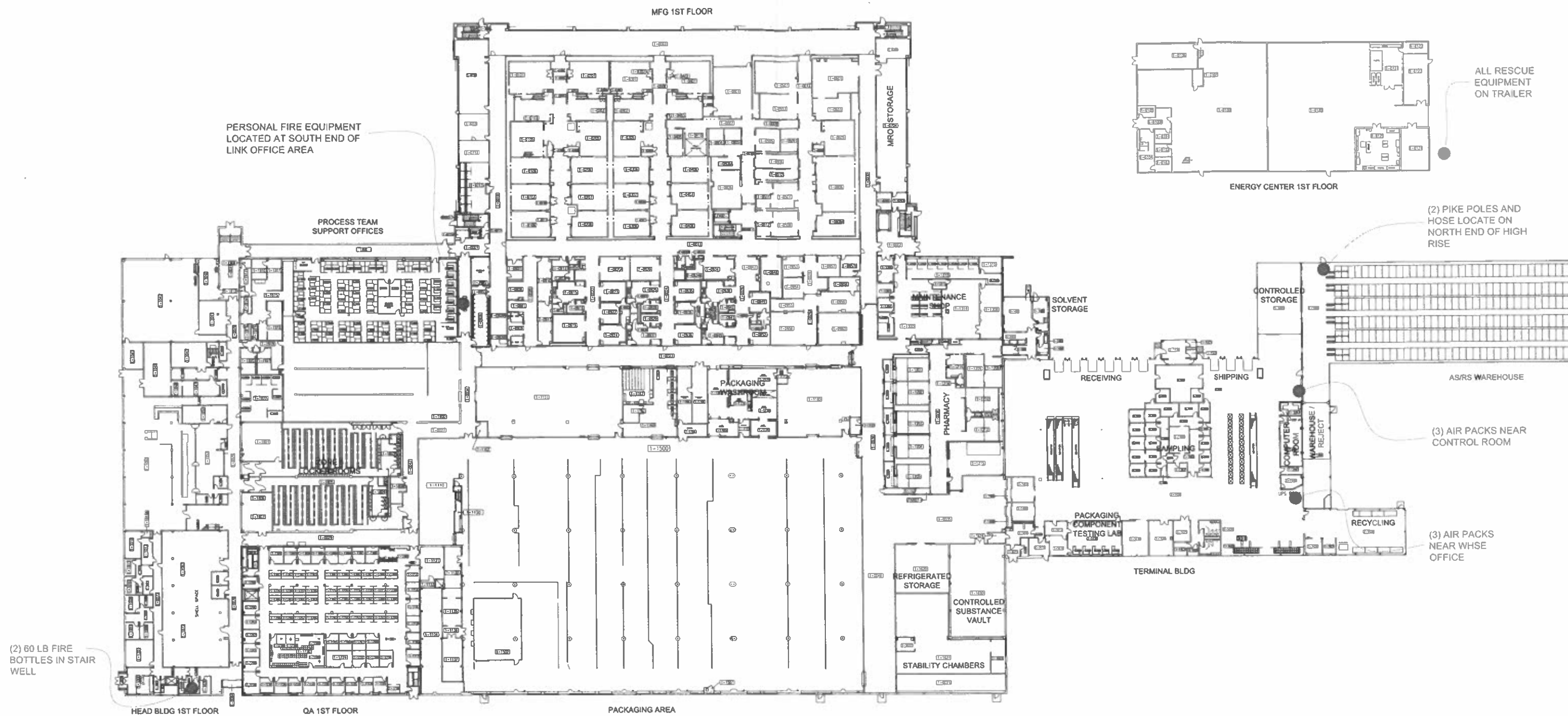
RECYCLING

RECYCLING

RECYCLING

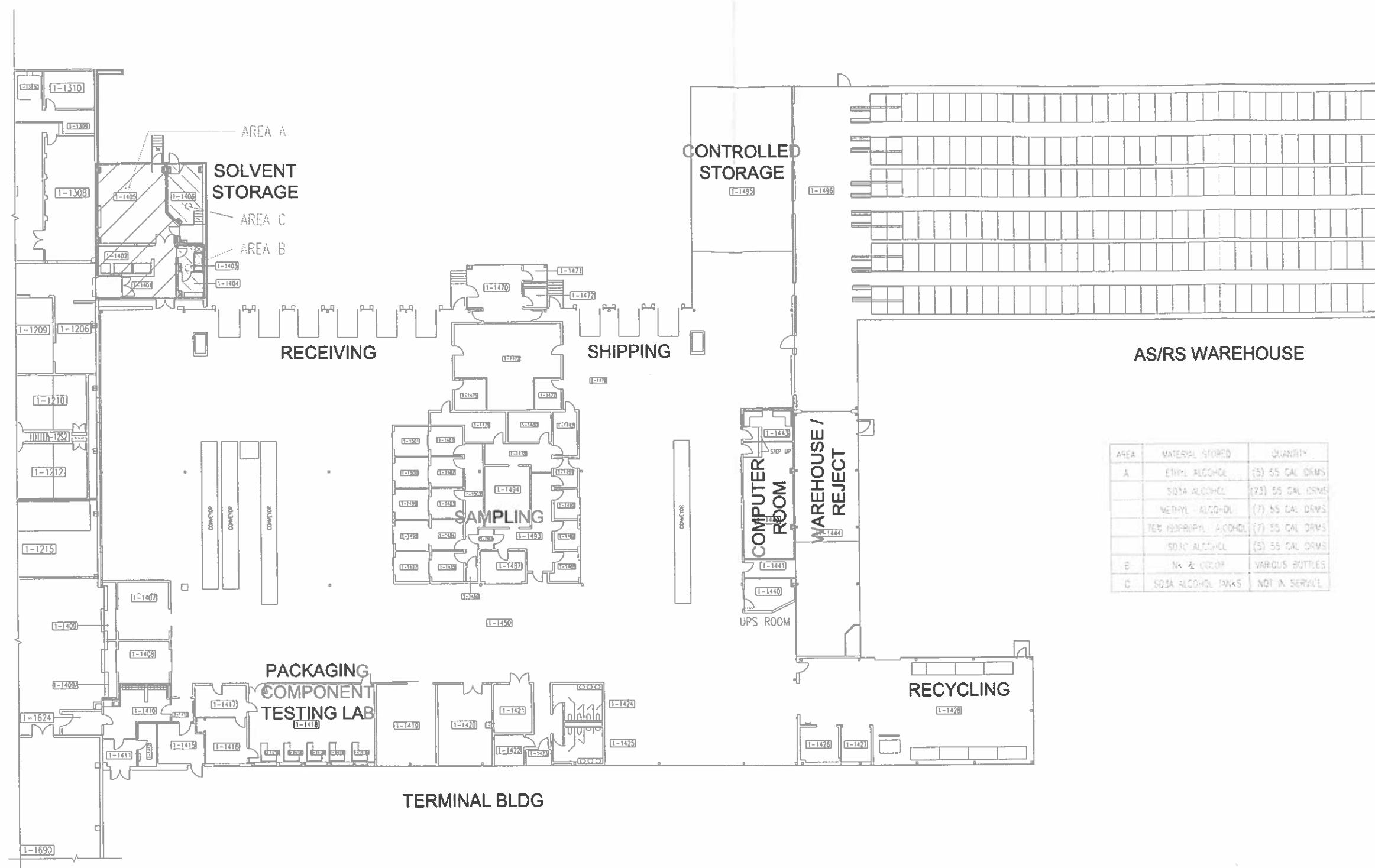
REVISION NO. 30 UPDATE PER CC#1014292

NOVARTIS	Country	US	Area	AF	Project	US02 000 AF JAA001
Composite Floor Plan Site eye Balcony All floors 1/2" = 1'-0"						



Index	Revision Description			Pos.
1.0	Import drawing			Layout
Owens Robert	Checker	12 Aug 2014 17:15:11 UTC	Owens Robert	
De Clerck Kevin	Final Approver	12 Aug 2014 17:54:41 UTC	De Clerck Kevin	
US02-000	Site level Safety			
AF	All Floors			
Emergency Equipment Locations				
Copyright		Country: US	Scale	US02.000.AF_LAEQ012
Sector : PHARMA		Format	ANSI_B	

Substitute for:
Replaced by:

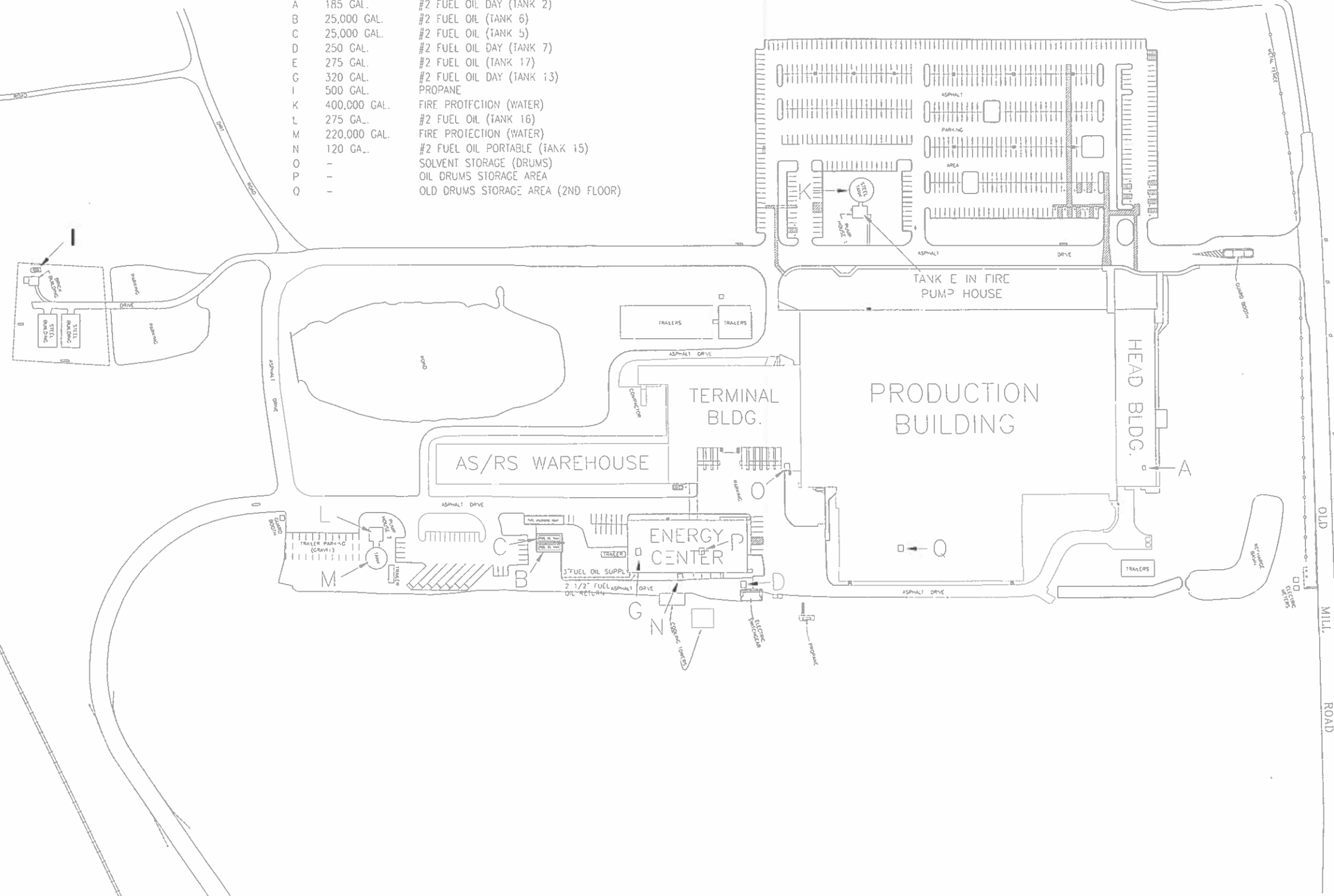


AREA	MATERIAL STORED	QUANTITY
A	ETHYL ALCOHOL	(5) 55 GAL DRMS
	SDIA ALCOHOL	(23) 55 GAL DRMS
	METHYL ALCOHOL	(7) 55 GAL DRMS
	TETRAHYDROFUR ALCOHOL	(7) 55 GAL DRMS
	SDIC ALCOHOL	(5) 55 GAL DRMS
B	NA & COLOR	VARIOUS BOTTLES
C	SDIA ALCOHOL TANKS	NOT IN SERVICE

Index	Revision Description			Pos
1.0	Import drawing			
Owens Robert	Checker	12 Aug 2014 17:13:44 UTC	Owens Robert	Layout
De Clerck Kevin	Final Approver	12 Aug 2014 17:52:47 UTC	De Clerck Kevin	
US02-560	Terminal and Warehouse Building			
F001	First Floor			
010	Floor Plans			
	Solvent Storage Areas			
Copyright NOVARTIS				US02.560.F001.010_LAA001
Country: US Sector: PHARMA				
Scale: 1:1 Format: ANSI_B				

Substitute for: SF_SOLVENT_STORAGE_MAT
Replaced by:

A	185 GAL.	#2 FUEL OIL DAY (TANK 2)
B	25,000 GAL.	#2 FUEL OIL (TANK 6)
C	25,000 GAL.	#2 FUEL OIL (TANK 5)
D	250 GAL.	#2 FUEL OIL DAY (TANK 7)
E	275 GAL.	#2 FUEL OIL (TANK 17)
G	320 GAL.	#2 FUEL OIL DAY (TANK 13)
I	500 GAL.	PROPANE
K	400,000 GAL.	FIRE PROTECTION (WATER)
L	275 GAL.	#2 FUEL OIL (TANK 16)
M	220,000 GAL.	FIRE PROTECTION (WATER)
N	120 GAL.	#2 FUEL OIL PORTABLE (TANK 15)
O	-	SOLVENT STORAGE (DRUMS)
P	-	OIL DRUMS STORAGE AREA
Q	-	OLD DRUMS STORAGE AREA (2ND FLOOR)

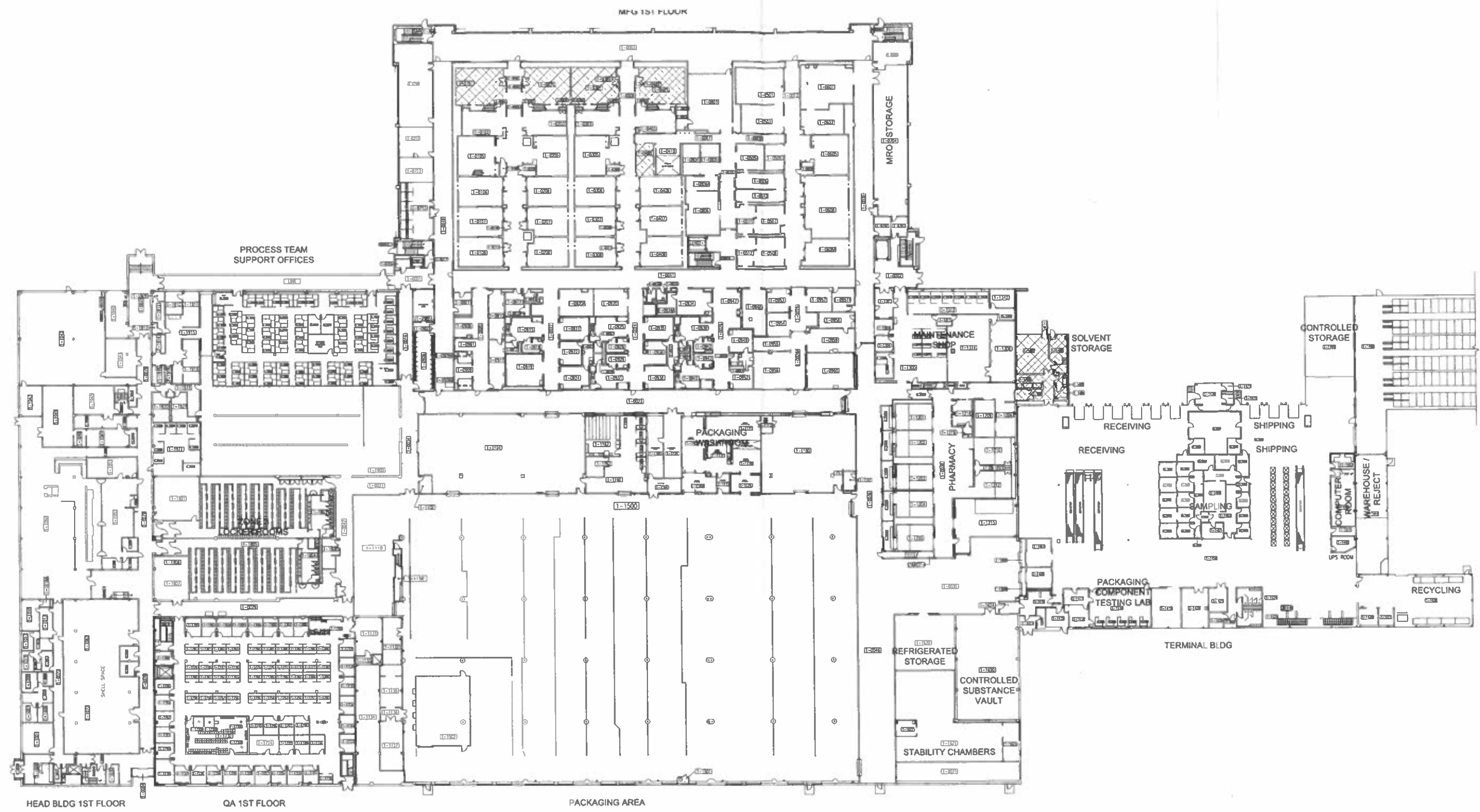


0 100' 200'

SCALE: 1" = 100'

Substitute for SF_STORAGE_AHX-LOCS
Replaced by

Inex	Revision Description		
T.O	Import Drawing		
Owner: Robert	Checked:	09 Jun 2014 10:44:58 UTC	Owner Project
De Clerk: Kevin	First Approver	10 Jun 2014 1:17:50 UTC	De Clerk Name
US02 000	Site level	Layout	Pos
	Plant construction		
S002	Site Utility Layout		
Storage Tank Locations			
Copyright	Country:	Scale :	US02.000.S002_COSI010
 NOVARTIS	US	1:100	
Sector:	PHARMA	Format:	ANSI_D



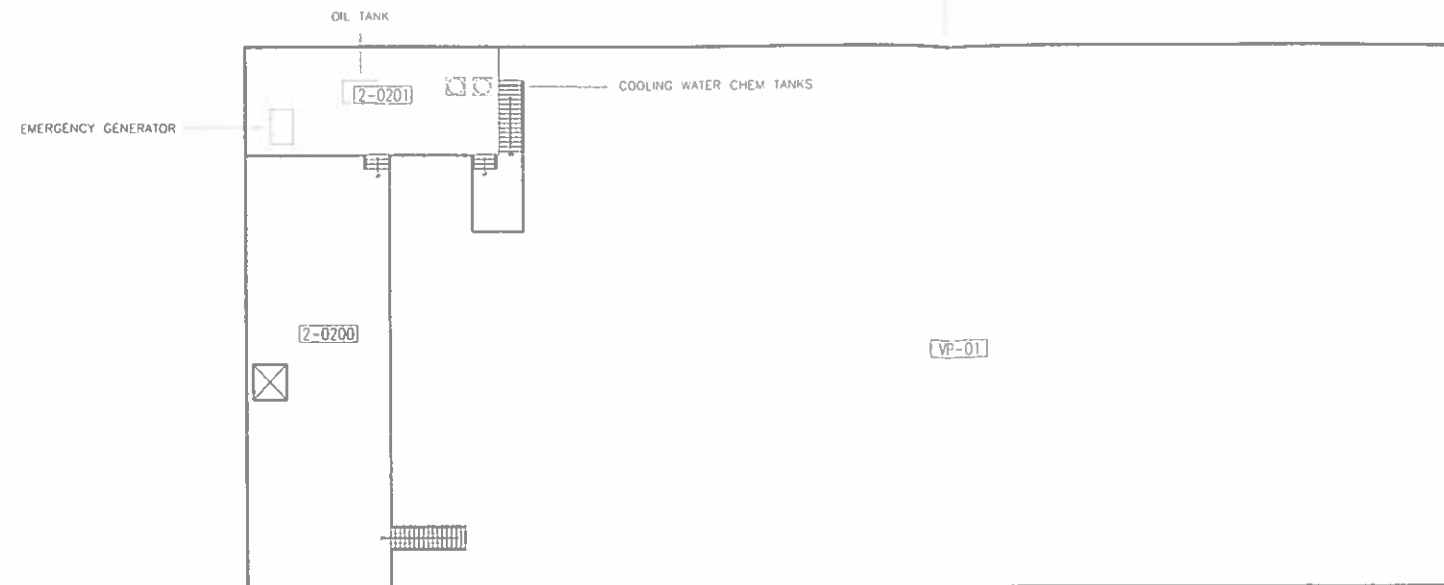
HEAD BLDG 1ST FLOOR

QA 1ST FLOOR

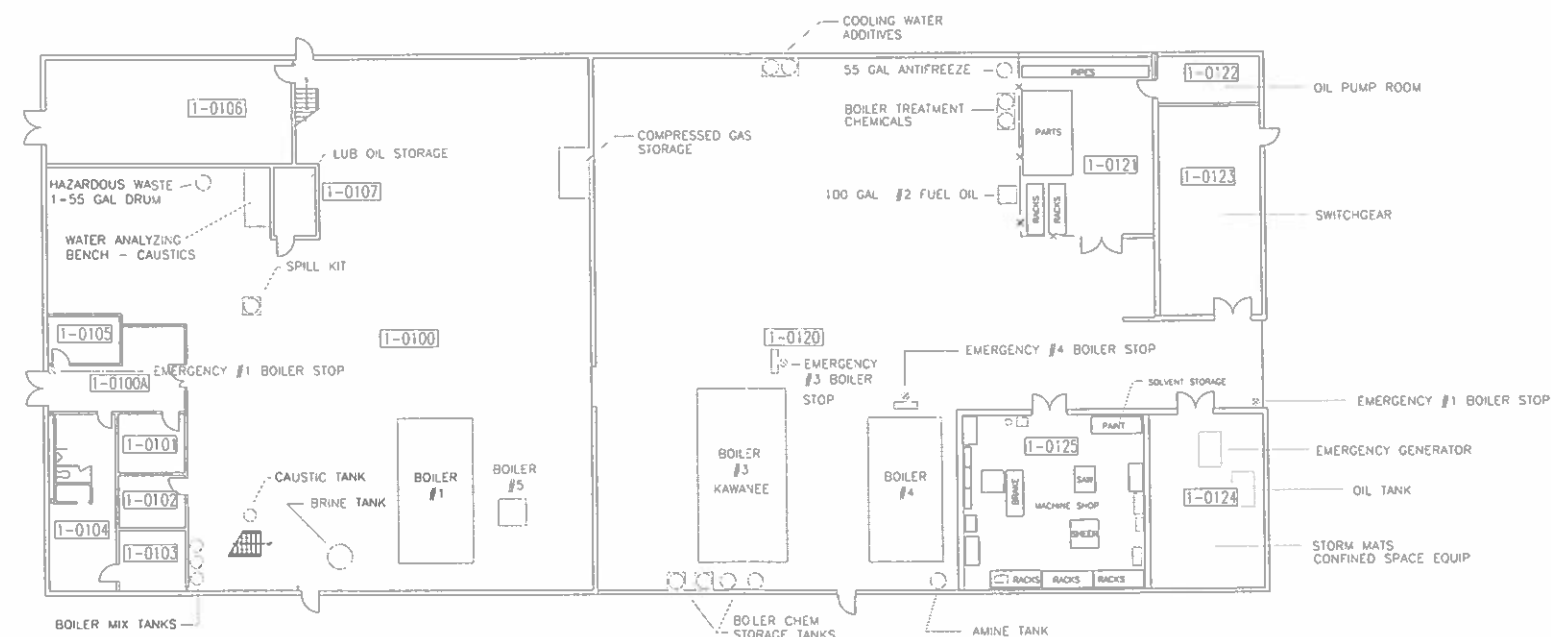
PACKAGING AREA

Substitute for: SF_XP_AREAS
Replaced by:

Index	Revision Description		
1.0	Import drawing		
Owens Robert	Checker	12 Aug 2014 17:11:09 UTC	Owens Robert
De Clerck Kevin	Final Approver	12 Aug 2014 17:50:29 UTC	De Clerck Kevin
US02-000	Site level	Layout	Pos.
	Building		
AF	All Floors		
Explosion Proof Areas			
Copyright		Country: US	US02.000.AF_LAA014
		Scale	
		Sector: PHARMA	
		Format	ANSI_B



ENERGY CENTER 2ND FLOOR

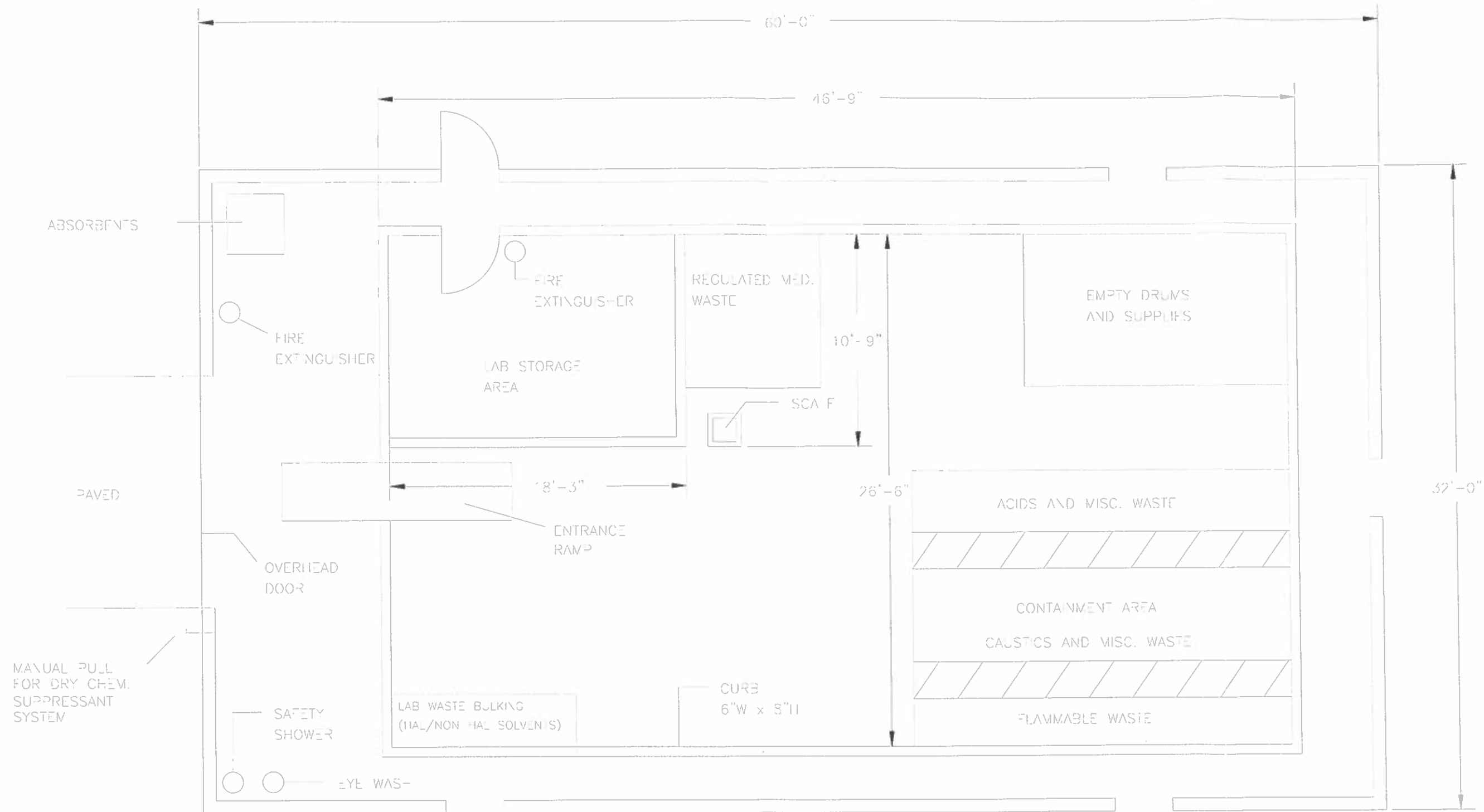


ENERGY CENTER 1ST FLOOR

Index	Revision Description			Pos.
1.0	Import drawing			
Owens Robert	Checker	12 Aug 2014 17:12:30 UTC	Owens Robert	
De Clerck Kevin	Final Approver	12 Aug 2014 17:52:21 UTC	De Clerck Kevin	
US02- 580	Energy Center Building installations			Layout
F001	First Floor			
010	Floor Plans			
Energy Center Equipment Locations				
Copyright		Country: US	Scale :	US02.580.F001.010_LAE0001
NOVARTIS		Sector : PHARMA	Format : ANSI_B	

Substitute for: SF_EC_EQUIP_LOCS

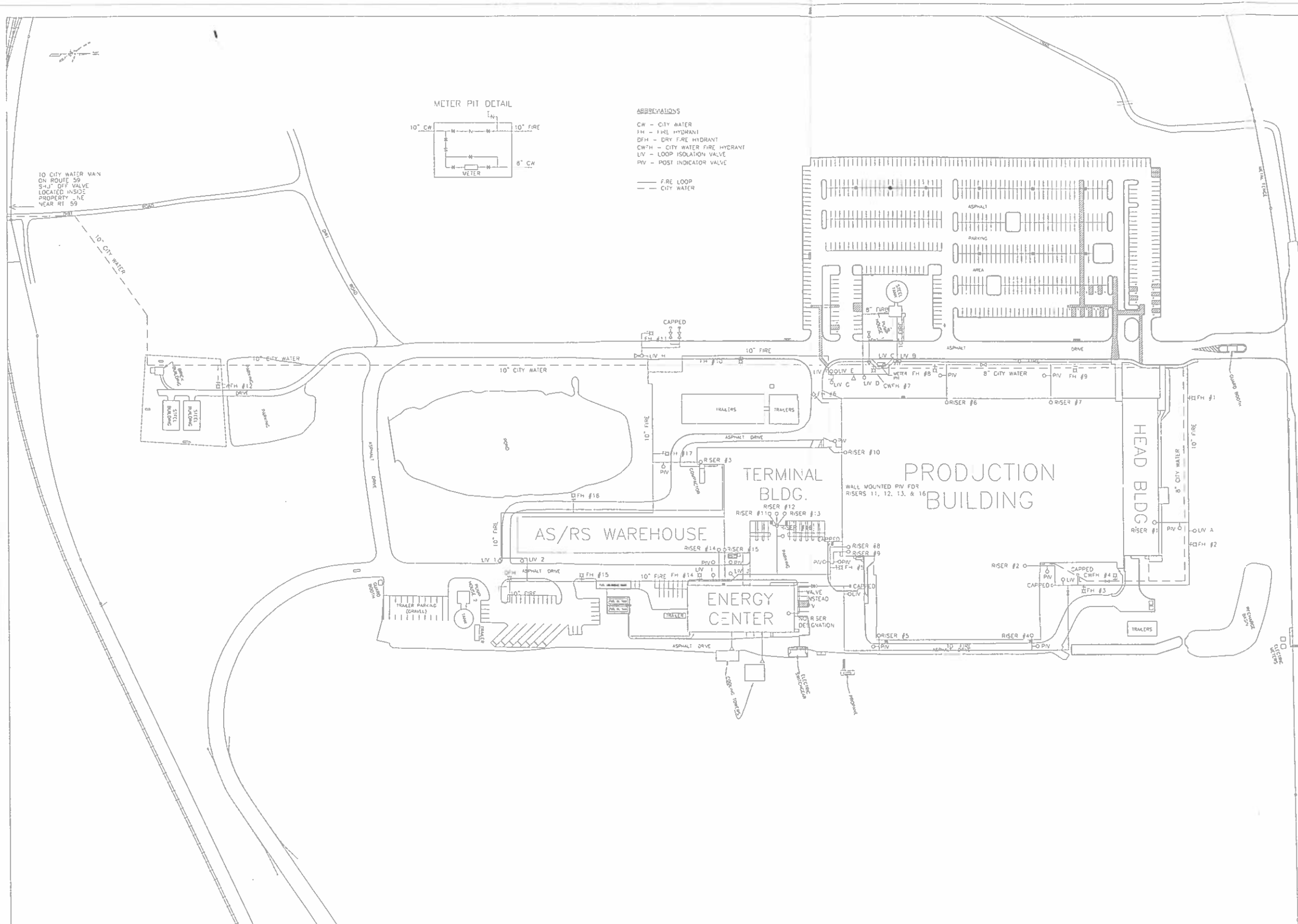
Replaced by:



MANUAL PULL
FOR DRY CHEM.
SUPPRESSANT
SYSTEM

Substitute for: SF_LAB_WASTE_SHED
Replaced by:

Index	Revision Description		
10	Import drawing		
Owens Robert	Checker	12 Aug 2014 17:11:46 UTC	Owens Robert
De Clerck Kevin	Final Approver	12 Aug 2014 17:51:24 UTC	De Clerck Kevin
US02-610	Hazardous Waste Shed	Pos	
001	Floor		
010	Floor Plans		
	Floor Plan		
Copyright: NOVARTIS		Country: US	Scale: 1/8" = 1'-0"
Sector: PHARMA		Format: 1	US02.610.F001.010_LMA001



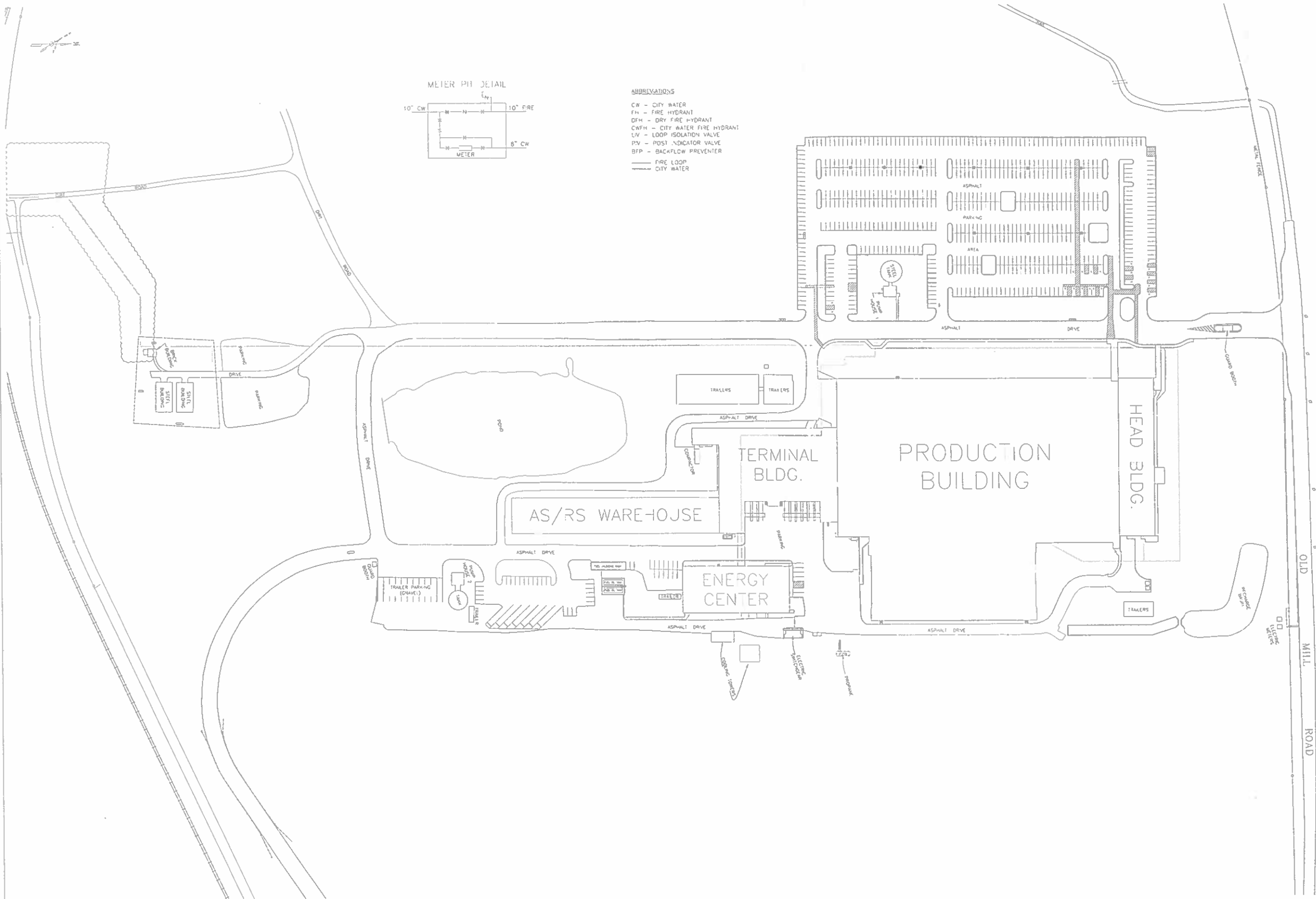
**SUFFERN
UNDERGROUND UTILITIES
FIRE PROTECTION**

SCALE: 1" = 100'

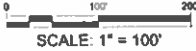
Substitute for SF_FIRE_PROTECTION
Replaced by

GOVERNOR THOMAS E. DEWEY THRUWAY (I-87/287)

Index		Revision Description	
1.0	Import Drawing		
Owens Robert	Checker	10 Jun 2014 20:54:14 UTC	Owens Robert
De Cerna Kevin	Final Approver	10 Jun 2014 17:54:48 UTC	De Cerna Kevin
US02-000	Site level		Plan
	Plant construction		Layout
S002	Site Utility Layout		
	Fire Protection		
Copyright		Country: US	Scale: 1:100
NOVARTIS		Sector: PHARMA	Format: ANSI_D
		US02.000.S002.C051006	



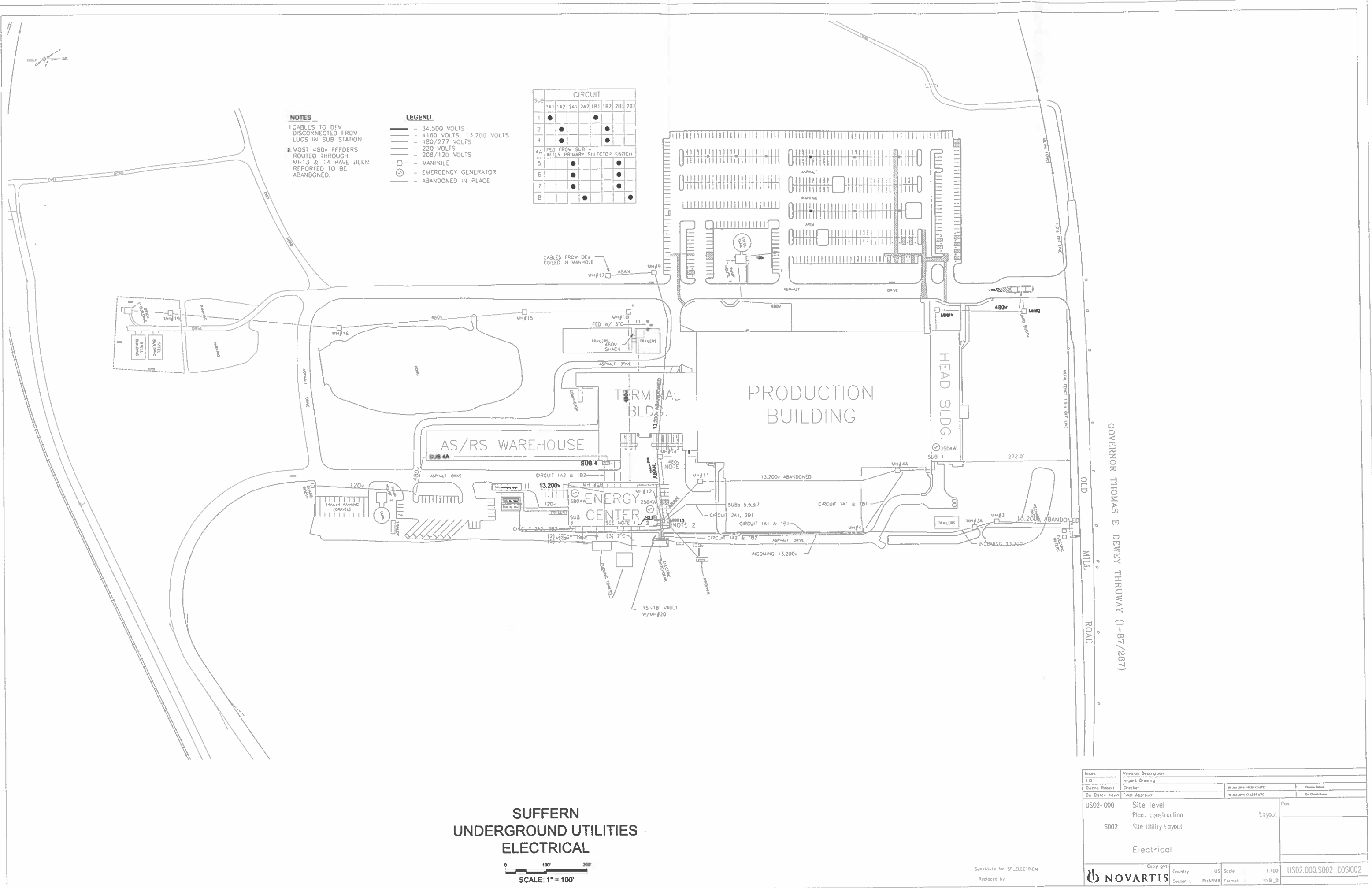
SUFFERN
UNDERGROUND UTILITIES
CITY WATER



Substitute for SF_CITY_WATER
Replaced by

GOVERNOR THOMAS E. DEWEY THRUWAY (I-87/287)
OLD MILL ROAD

Index		Revision Description	
1.0	Import Drawing		
Owens Robert	Checker	09 Jan 2014 10:23:38 UTC	Owens Robert
De Clerck Kevin	Final Approver	10 Jan 2014 17:43:36 UTC	De Clerck Kevin
US02-000	Site level		Pos
	Plant construction		Layout
S002	Site Utility Layout		
	City Water		
Copyright		Country	US
NOVARTIS		Sector	PHARMA
		Scale	1:100
		Format	ANSI_D
		US02.000.S002_COSI005	



NOTES

1. CABLES TO DEV DISCONNECTED FROM LUGS IN SUB STATION
2. MOST 480V FEEDERS ROUTED THROUGH V#13 & 14 HAVE BEEN REPORTED TO BE ABANDONED.

LEGEND

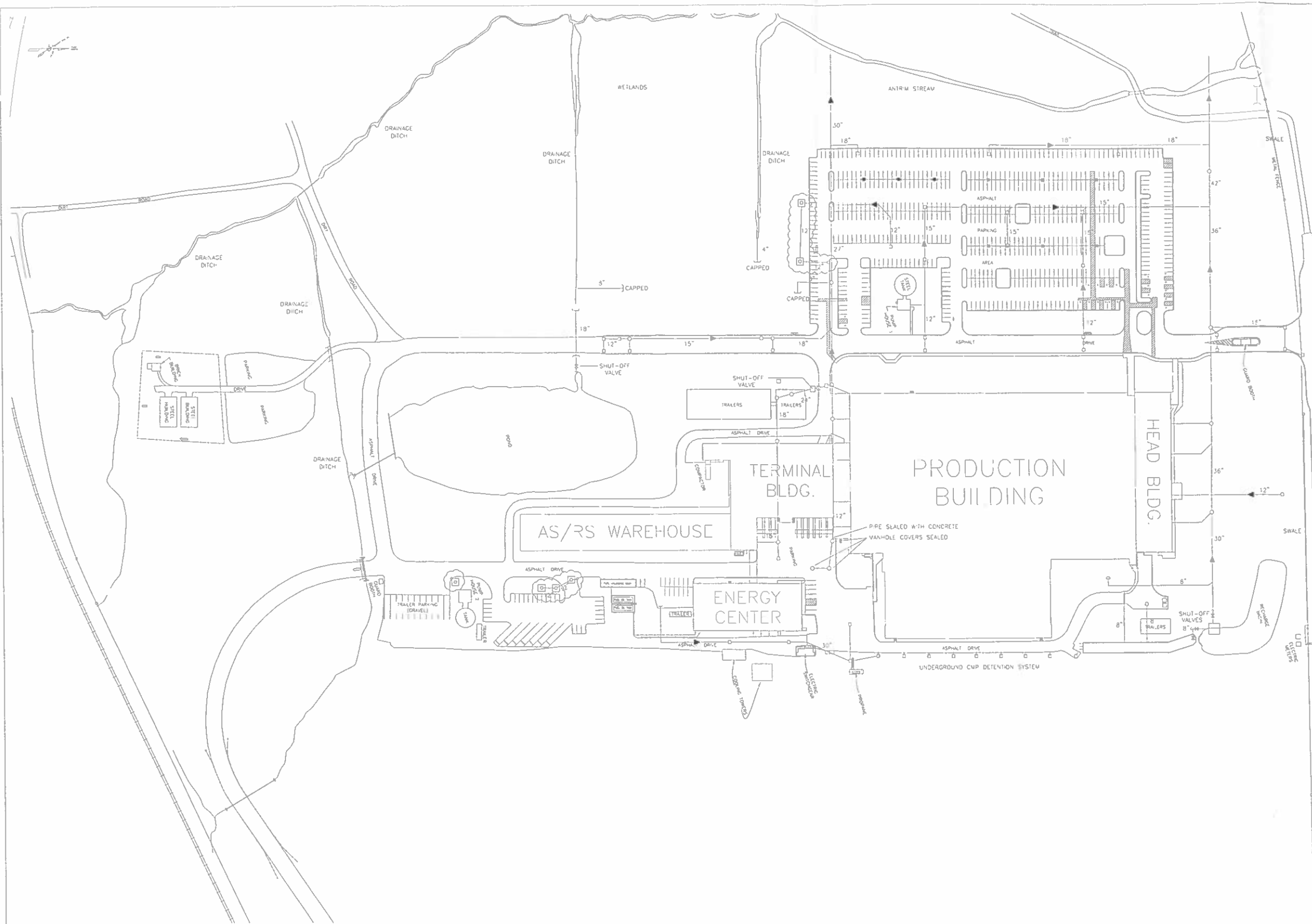
- 34,500 VOLTS
- 4160 VOLTS; 13,200 VOLTS
- 480/277 VOLTS
- 220 VOLTS
- 208/120 VOLTS
- MANHOLE
- EMERGENCY GENERATOR
- ABANDONED IN PLACE

CIRCUIT						
SUB	1A1	1A2	2A1	2A2	1B1	1B2
1	●					
2	●					
4	●					
4A	FED FROM SUB 4 AFTER PRIMARY SELECTOR SWITCH					
5	●					
6	●					
7	●					
8						●

SUFFERN
UNDERGROUND UTILITIES
ELECTRICAL

0 100' 200'
SCALE: 1" = 100'

Index	Revision Description	Author	Check	Date	Pos
1.0	Import Drawing	De Chen, Kevin	De Chen, Kevin	08 Jun 2014 10:28:13 UTC	
US02-000	Site level	De Chen, Kevin	De Chen, Kevin	10 Jun 2014 17:12:03 UTC	
S002	Plant construction				
	Site Utility Layout				
	Electrical				
Copyright © 2014 NOVARTIS					
Country:	US	Scale:	1:100	US02.000.S002_C01002	
Sector:	PhARMA	Format:	A4-9_B		



GOVERNOR THOMAS E. DEWEY THRUWAY (I-87/287)

LEGEND

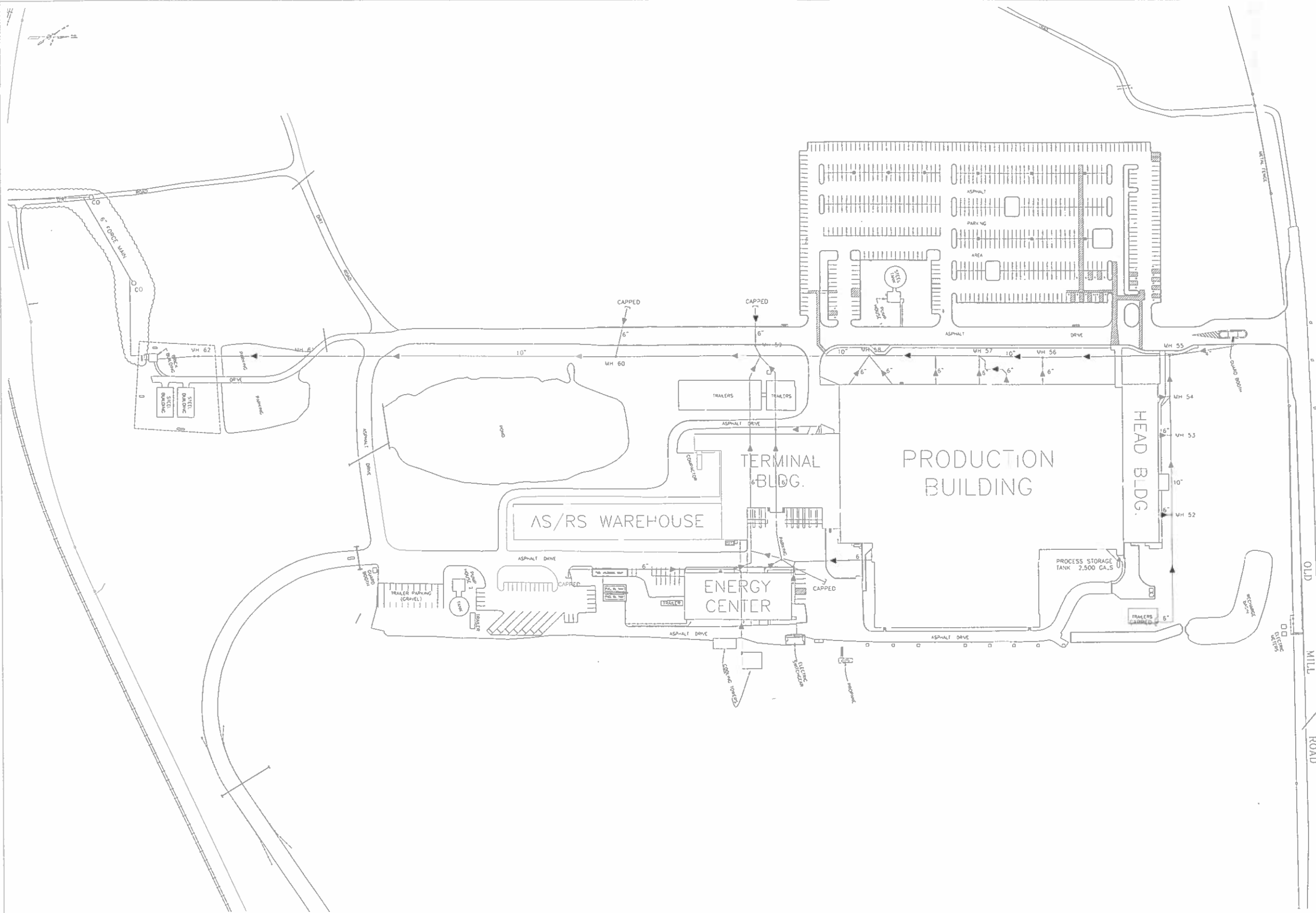
- = MAN-HOLE
- = CATCH BASIN
- ◻ = DRY WELL

**SUFFERN
UNDERGROUND UTILITIES
STORM DRAINS**

0 100' 200'
SCALE: 1" = 100'

Index	Revision Description	Author	Check	Appr	Date	Pos
1.0	Import Drawing	De Derek Kevin	De Derek Kevin	De Derek Kevin	18 Jun 2014 17:58:02 UTC	
US02 000	Site level					
	Plant construction					
S002	Site Utility Layout					
	Storm Drains					
NOVARTIS Copyright Country: US Scale: 1:100 Sector: PHARMA Format: A3-S-D						
US02.000.S002_C051008						

Substitute for: SF_STORM_DRAINS
Replaced by:



GOVERNOR THOMAS E. DEWEY THRUWAY (1-87/287)

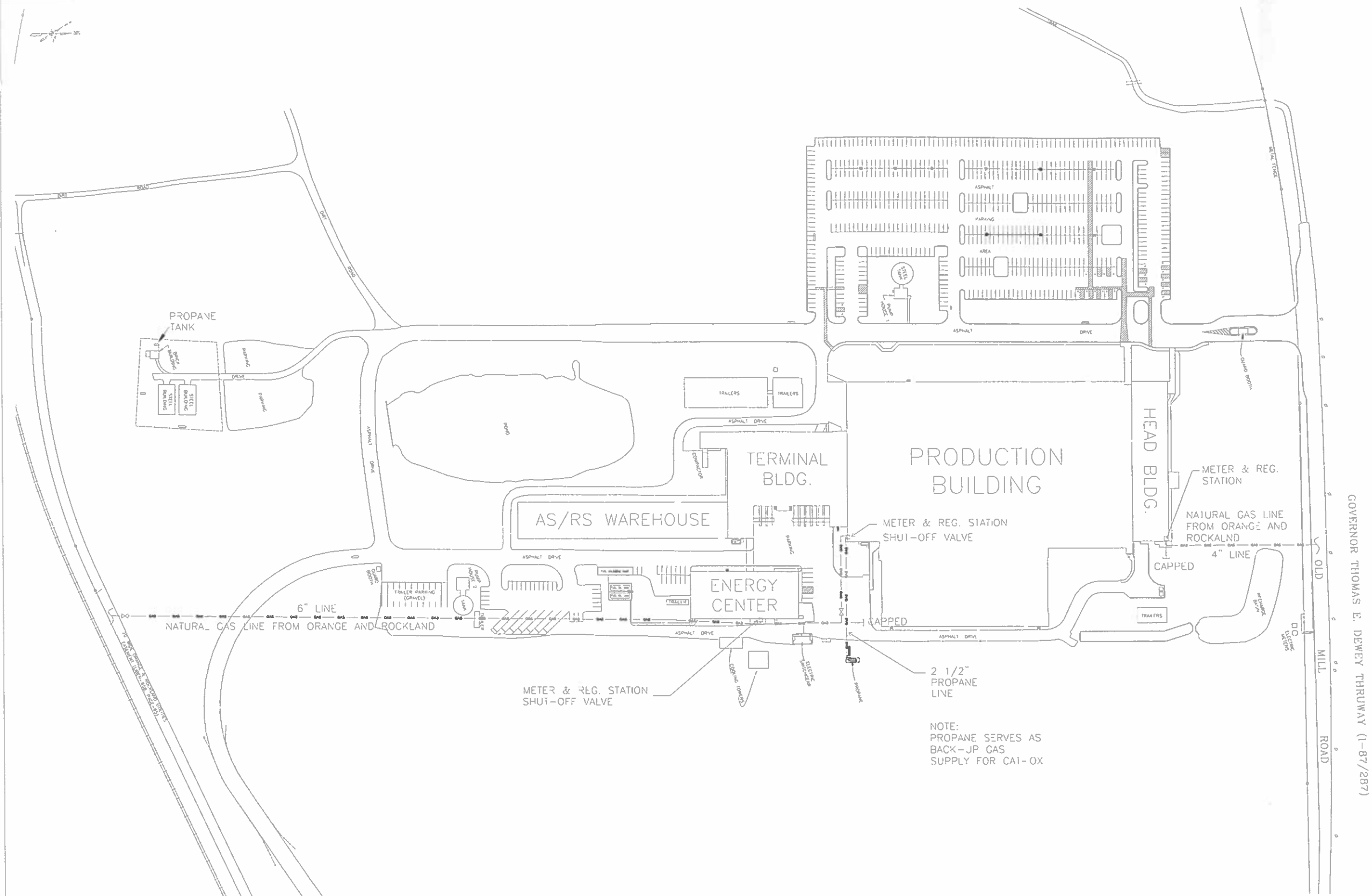
OLD MILL ROAD

**SUFFERN
UNDERGROUND UTILITIES
SANITARY SYSTEM**

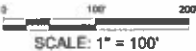
0 100' 200'
SCALE: 1" = 100'

Substitute for SF_SANITARY_SYSTEM
Replaced by

Index	Revision Description	Owner/Author
1.0	Import Drawing	Owner/Author
De Clerck, Kevin	Checker	18 Jun 2014 11:58:48 UTC
De Clerck, Kevin	Final Approver	18 Jun 2014 11:58:48 UTC
US02 000	Site level	Pos
	Plant construction	Layout
S002	Site Utility Layout	
Sanitary System		
Copyright : 2014		
Country: US		
Scale : 1:100		
Sector : PHARMA		
Format : ANSI_D		
LS02.000.S002_C01009		



**SUFFERN
UNDERGROUND UTILITIES
NATURAL GAS AND PROPANE**

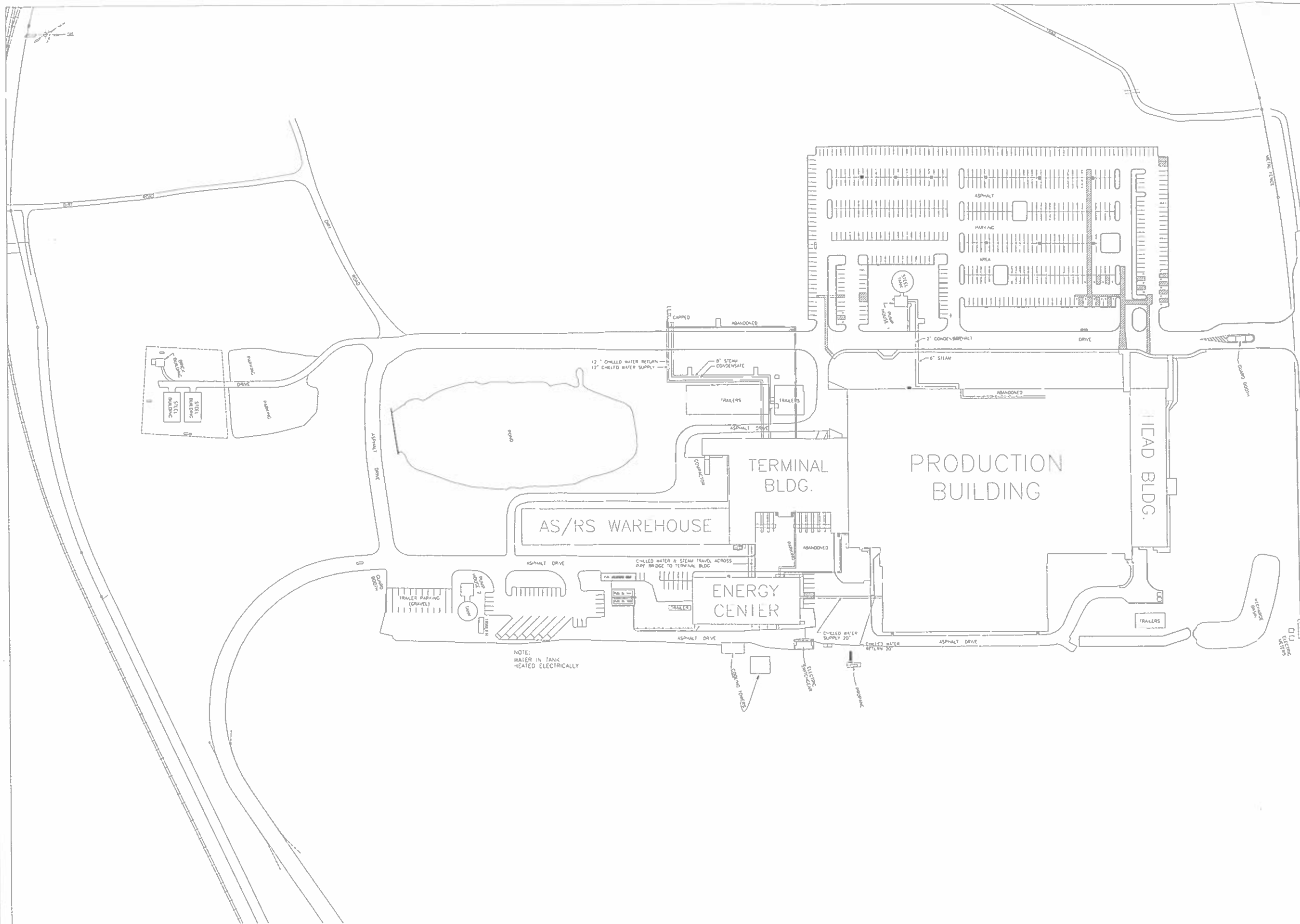


SCALE: 1" = 100'

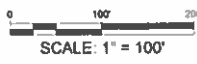
NOTE:
PROPANE SERVES AS
BACK-UP GAS
SUPPLY FOR CAI-OX

Index		Revision Description		Pos
1.0		Import Drawing		
Owens Robert	Checker	88 Jan 30/16 20 45 15 UTC		Drawing Release
De Clerck Kevin	Final Approver	19 Jan 30/16 17 50 21 UTC		On Client Portal
US02 000	Site level			Layout
S002	Plant construction			
	Site Utility Layout			
	Natural Gas and Propane			
Copyright		Country:	US	Scale
Sector		PHARMA	Format	1:100
NOVARTIS		US02.000.S002_C05/007		AV/SI_D

Substitute for: SF_NATURAL_GAS_B_PROP
Replaced by:



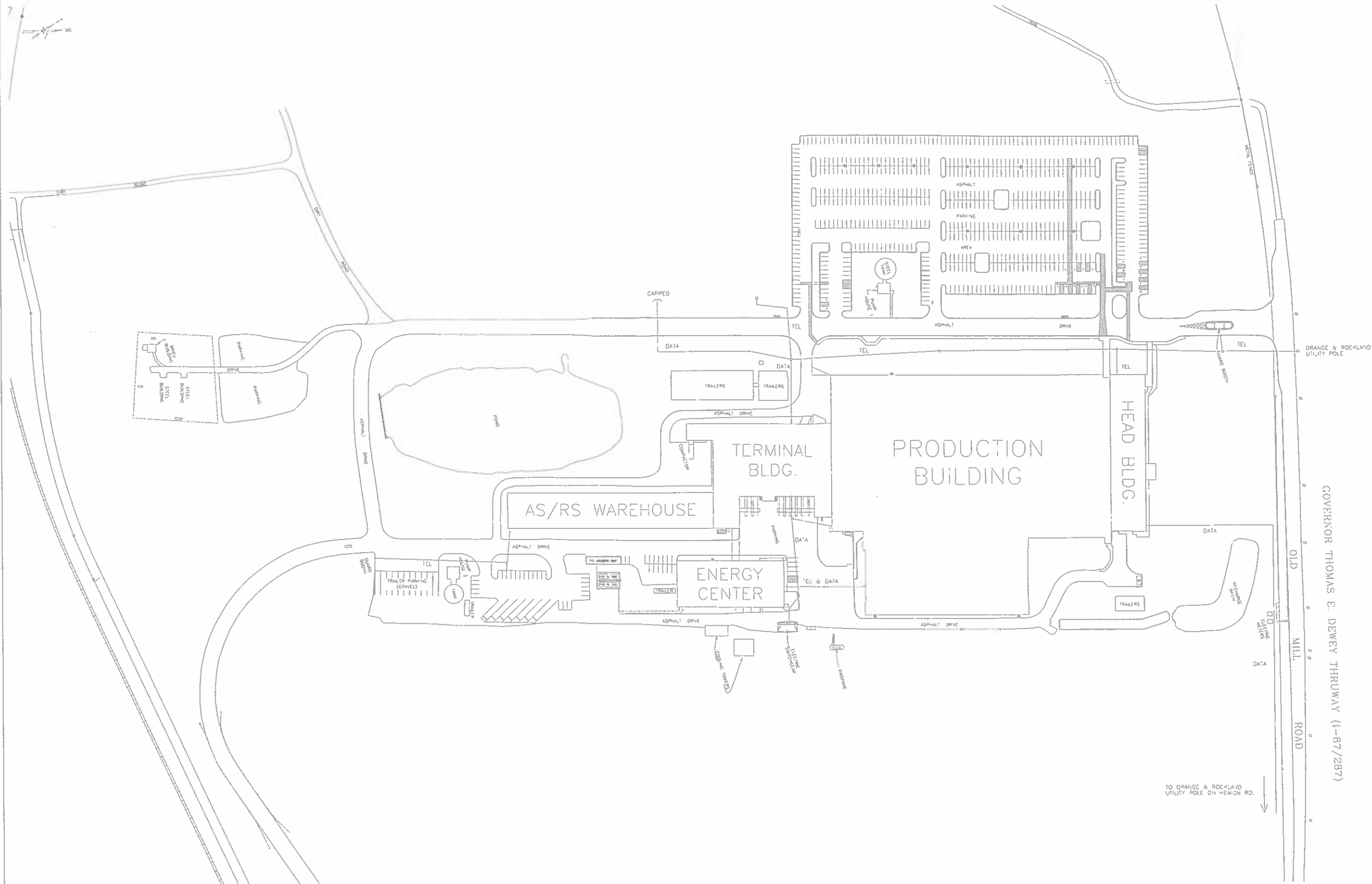
SUFFERN
UNDERGROUND UTILITIES
STEAM AND CHILLED WATER



GOVERNOR THOMAS E. DEWEY THRUWAY (I-87/287)
OLD MILL ROAD

Index		Revision Description		Pos.
1.0	Import Drawing			
Owners Robert	Checker	08 Jan 2014 20:27:46 UTC		David Robert
De Clerck Kevin	Engl Approver	10 Jan 2014 17:34:17 UTC		De Clerck Kevin
US02 000	Site level			Layout
	Plant construction			
5002	Site Utility Layout			
Steam and Chilled Water				
Copyright				
NOVARTIS		Country: US	Scale: 1:100	US02.000.S002_COSI004
Sector: PHARMA		Format: A3S_D		

Substitute for: SF_STEAM.dwg
Replaced by:



SUFFERN
UNDERGROUND UTILITIES
TELEPHONE & DATA

0 100' 200'
SCALE: 1" = 100'

Substitute for: SF_TELPHONE & DATA
Replaced by:

Index	Revision Description	Author	Check	Appr	Pos.
1.0	Initial Design	Owens Robert	Checker	18 Jun 2014 15:52:00 UTC	
De Clerck Kevin	Final Approver	18 Jun 2014 17:02:00 UTC	Dr Chris Kahan		
US02 000	Site level				
	Plant construction				
S002	Site Utility Layout				
Telephone and Data					
Copyright					
NOVARTIS					
Country: US Scale: 1:100					
Sector: PHARMA Format: A1/S1_D					
US02.000.S002_COS003					