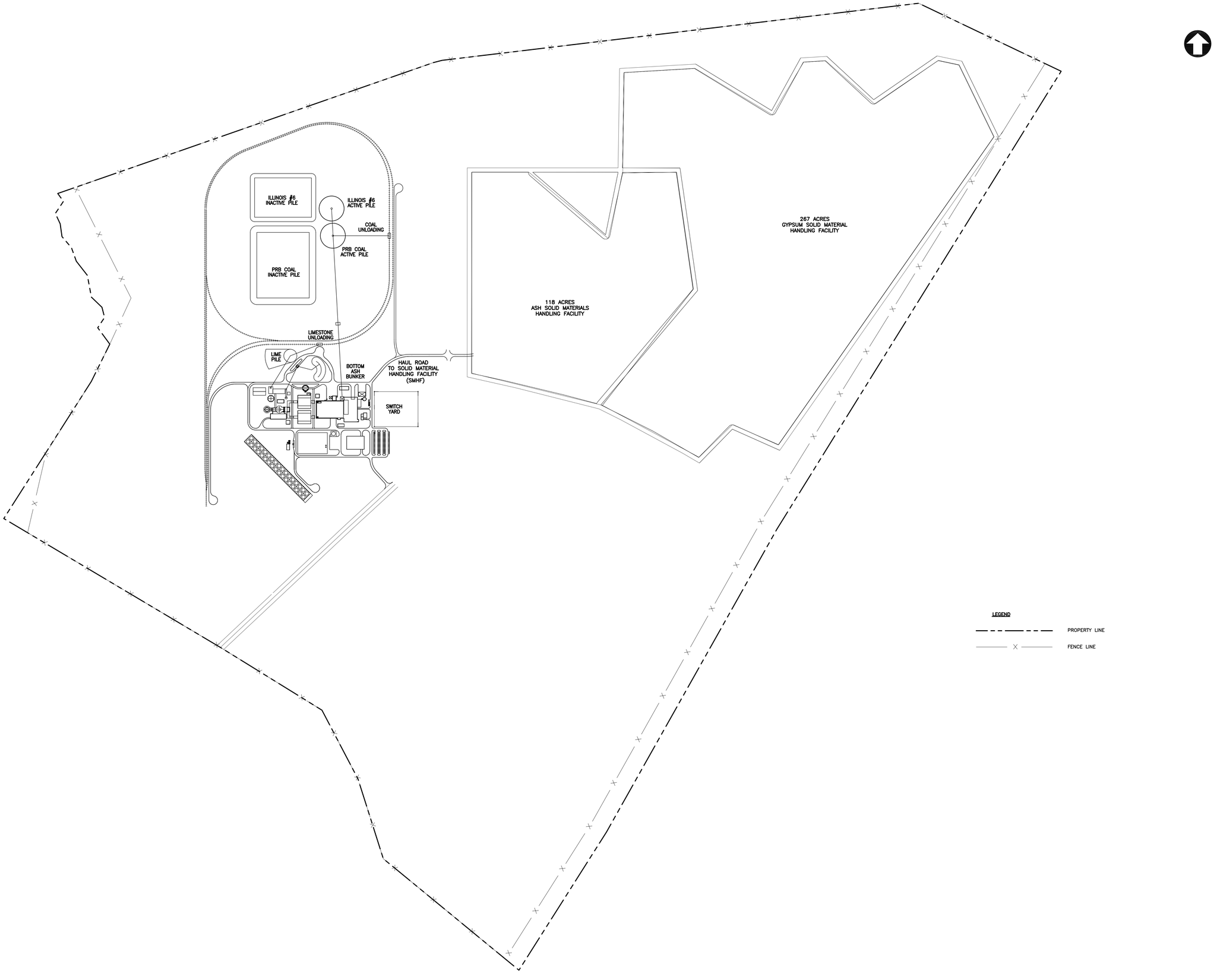
EXHIBIT B

SITE LAYOUT



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REV	DATE	BY	SUB	APP	DESCRIPTION	REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED B. ARNOLD
DRAWN T. GLADSTONE
CHECKED A. KEELEY
IN CHARGE K. HILTGEN
DATE 11/11/2008

PLANT WASHINGTON
SANDERSVILLE, GEORGIA

MACTEC
MACTEC Engineering and Consulting, Inc.
3200 TOWN POINT DRIVE, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

SITE LAYOUT MAP

SCALE AS SHOWN
CONTRACT 6122-07-0007
DWG. NO. | REV | PAGE NO.

J:\PROJECT INDEPENDENT\dwg\11102008\site.dwg - Layout1 11/24/2008 4:15pm tgladsto

AREA SOURCE LOCATIONS *			
MAP LOCATION ID	MODEL ID	UTM EAST	UTM WEST
A1	LANDASH	337801.03	3659941.79
A2	LANDGYP	338256.02	3659829.94
A3	ASHBUNK	337315.58	3659846.66
A4	COALRAIL	337509.97	3660430.83
A5	LIMERAIL	337262.54	3660047.50
A6	PRBINAC	337046.64	3660204.08
A7	IL6INAC	337041.51	3660489.69
A8	PRBACTIV	337317.75	3660421.69
A9	IL6ACTIV	337313.30	3660516.57
A10	LIMEPILE	337169.45	3660003.07

* LISTED LOCATION FOR AREA SOURCE IS THE SOUTHWEST CORNER OF MODELED AREA.

SMHF HAUL ROAD FUGITIVE VOLUME SOURCE LOCATIONS **			
MAP LOCATION	MODEL ID	UTM EAST	UTM NORTH
P1	PAVED 1	337237.54	3659890.21
P2	PAVED 2	337266.14	3659897.90
P3	PAVED 3	337294.15	3659907.74
P4	PAVED 4	337324.63	3659907.74
P5	PAVED 5	337355.11	3659907.74
P6	PAVED 6	337385.59	3659907.74
P7	PAVED 7	337416.07	3659907.74
P8	PAVED 8	337446.45	3659908.93
P9	PAVED 9	337467.28	3659930.67
P10	PAVED 10	337486.88	3659954.02
P11	PAVED 11	337507.83	3659976.08
P12	PAVED 12	337533.39	3659992.54
P13	PAVED 13	337562.23	3660002.17
P14	PAVED 14	337592.55	3660004.53
P15	PAVED 15	337623.03	3660004.53
P16	PAVED 16	337653.51	3660004.53
P17	PAVED 17	337683.99	3660004.53
P18	PAVED 18	337714.47	3660004.53
P19	PAVED 19	337744.95	3660004.53
P20	PAVED 20	337775.43	3660004.53
P21	PAVED 21	337805.82	3660006.54

** LISTED LOCATION FOR VOLUME SOURCE IS CENTER OF VOLUME.

POINT SOURCE LOCATIONS			
MAP LOCATION ID	MODEL ID	UTM EAST	UTM NORTH
S1	MAIN	337088.13	3659815.90
S2	COOL1	337021.84	3659703.97
S3	COOL2	337033.91	3659716.04
S4	COOL3	337033.91	3659691.90
S5	COOL4	337045.97	3659703.97
S6	COOL5	337045.97	3659679.83
S7	COOL6	337058.04	3659691.90
S8	COOL7	337058.04	3659667.76
S9	COOL8	337070.11	3659679.83
S10	COOL9	337070.11	3659655.69
S11	COOL10	337082.18	3659667.76
S12	COOL11	337082.18	3659643.62
S13	COOL12	337094.25	3659655.69
S14	COOL13	337094.25	3659631.55
S15	COOL14	337106.32	3659643.62
S16	COOL15	337106.32	3659619.48
S17	COOL16	337118.39	3659631.55
S18	COOL17	337118.39	3659607.41
S19	COOL18	337130.46	3659619.48
S20	COOL19	337130.46	3659595.34
S21	COOL20	337142.53	3659607.41
S22	COOL21	337142.53	3659583.27
S23	COOL22	337154.60	3659595.34
S24	COOL23	337154.60	3659571.20
S25	COOL24	337166.67	3659583.27
S26	COOL25	337166.67	3659559.13
S27	COOL26	337178.74	3659571.20
S28	COOL27	337178.74	3659547.06
S29	COOL28	337190.81	3659559.13
S30	COOL29	337190.81	3659534.99
S31	COOL30	337202.88	3659547.06
S32	COOL31	337202.88	3659522.92
S33	COOL32	337214.95	3659534.99
S34	COOL33	337214.95	3659510.86
S35	COOL34	337227.02	3659522.92
S36	SO3SILO	337228.50	3659870.40
S37	FLYASH	337222.30	3659890.40
S38	HGSILO	337237.60	3659870.40
S39	LSILO	337293.70	3659684.60
S40	CRUSH	337335.40	3660114.80
S41	TRIP	337350.40	3659853.00
S42	LIMEPR	337101.10	3659891.40
S43	ASHEXH	337222.30	3659877.30
S44	SODAASH	337293.70	3659690.70
S45	AUX	337338.40	3659776.00
S46	PRBSO	337317.75	3660421.69
S47	IL6SO	337313.30	3660516.57
S48	LIMESO	337169.45	3660003.07

COAL PILE TRANSPORTATION FUGITIVE - VOLUME SOURCE LOCATIONS			
MAP LOCATION ID	MODEL ID	UTM EAST	UTM WEST
U1	UPAVED1	337317.75	3660421.69
U2	UPAVED2	337291.10	3660406.90
U3	UPAVED3	337264.45	3660392.10
U4	UPAVED4	337237.81	3660377.31
U5	UPAVED5	337211.16	3660362.52
U6	UPAVED6	337184.51	3660347.72
U7	UPAVED7	337157.86	3660332.93
U8	UPAVED8	337131.22	3660318.14
U9	UPAVED9	337313.30	3660516.57
U10	UPAVED10	337283.88	3660524.53
U11	UPAVED11	337254.46	3660532.50
U12	UPAVED12	337225.04	3660540.46
U13	UPAVED13	337195.62	3660548.42
U14	UPAVED14	337166.20	3660556.39
U15	UPAVED15	337136.78	3660564.35

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SITE LOCATION MAP
STACK IDs AND HAUL ROAD

SCALE 1:2000
CONTRACT 6122-07-0007
DWG. NO. REV PAGE NO

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ITEM	BPIP ID	DESCRIPTION	Height (m)
1	BOILER	Coal Fired Boiler	89.91
2	TURBINE	Steam Turbine	17.07
3	SCR	Selective Catalytic Reduction	47.24
4	FUELTANK	Fuel Oil Tank	12.19
5	BAG1	No. 1 Baghouse	22.56
6	BAG2	No. 2 Baghouse	22.56
7	WETFGD	Wet Flue Gas Desulfurization Support Building	6.40
8	NH3STORE	Ammonia Storage	4.57
9	GYPSUM	Gypsum Pile	10.67
10	SO3SILO	SO_3 Sorbent Silo	22.87
11	HGSILO	Mercury Silo	22.87
12	FLYASH	Fly Ash Silo	47.24
13	LANDASH	Ash Solid Material Handling Facility	13.72
14	DIESEL	Emergency Diesel Generator	12.19
15	STORAGE	Pretreatment Belt Presses, Diesel Fire Pump, Lime and Soda Ash Silos	22.87
16	LIMEPREP	Limestone Preparation and Gypsum Dewater Building	18.29
17	LIMETANK	Limestone Slurry Tank	22.87
18	AUXBOIL	Auxiliary Boiler	27.40
19	CONDSTOR	Condensate Storage	7.31
20	ADMIN	Administration and Control Building	9.14
21	MAINWARE	Maintenance Warehouse	10.37
22	COOL	Cooling Towers	15.24
23	FGDBELT	Flue Gas Desulfurization Wastewater Building Belt Press	9.15
24	IL6ACTIV	Illinois No. 6 Active Pile	30.42
25	PRBACTIV	Powder River Basin Coal Active Pile	30.42
26	IL6INACT	Illinois No. 6 Inactive Pile	7.88
27	PRBINACT	Powder River Basin Coal Inactive Pile	10.43
28	RAIL	Coal Rail Unloading	9.14
29	LIMERAIL	Limestone Rail Unloading	9.14
30	LIMEPILE	Limestone Pile	18.17
31	LANDGYP	Gypsum-Solid Material Handling Facility	13.72
32	SCRUBBER TOWER	Wet Scrubber Tower	53.03

BPIP Building/Structure Corner UTM Coordinates

1- Coal Fired Boiler

UTM East	UTM North
337294.04	3659846.66
337343.92	3659846.66
337343.92	3659860.62
337356.11	3659860.62
337356.07	3659785.11
337344.49	3659785.11
337344.49	3659780.54
337334.58	3659780.54
337334.58	3659785.11
337294.04	3659785.11

2- Steam Turbine

UTM East	UTM North
337407.66	3659781.39
337407.66	3659772.55
337356.07	3659772.55
337356.07	3659859.02
337403.73	3659859.02
337403.73	3659781.39

3- Selective Catalytic Reduction

UTM East	UTM North
337259.14	3659785.11
337259.14	3659846.66
337288.56	3659846.66
337288.56	3659848.48
337294.04	3659848.48
337294.04	3659846.66
337294.04	3659785.11

4 - Fuel Oil Tank

UTM East	UTM North
337310.72	3659740.78
337329.43	3659740.78
337329.43	3659721.87
337310.72	3659721.87

5 - No. 1 Baghouse

UTM East	UTM North
337195.48	3659766.15
337241.20	3659766.15
337241.20	3659812.24
337195.48	3659812.24

6 - No. 2 Baghouse

UTM East	UTM North
337195.48	3659865.61
337241.20	3659865.64
337241.20	3659819.55
337195.48	3659819.55

7 - Wet Flue Gas Desulfurization Support Bldg.

UTM East	UTM North
337099.96	3659782.19
337156.27	3659782.19
337156.27	3659801.33
337099.96	3659801.33

8 - Ammonia Storage

UTM East	UTM North
337156.53	3659674.81
337166.89	3659674.81
337166.89	3659695.54
337168.72	3659702.57
337158.51	3659702.57
337158.51	3659697.84
337156.53	3659695.54

9 - Gypsum Pile

UTM East	UTM North	UTM East	UTM North
337248.94	3660000.91	337277.99	3659926.64
337257.03	3660005.87	337266.96	3659921.31
337267.51	3660004.40	337255.56	3659926.27
337275.04	3659998.89	337251.88	3659935.46
337283.32	3659990.98	337254.82	3659945.76
337289.02	3659981.05	337261.26	3659954.76
337292.69	3659969.47	337262.18	3659965.98
337292.88	3659957.89	337256.85	3659974.99
337290.30	3659944.65	337250.23	3659979.40
337285.16	3659935.09	337245.08	3659989.88

10 - SO_3 Sorbent Silo

UTM East	UTM North
337225.94	3659870.40
337228.50	3659867.57
337231.06	3659870.40
337228.50	3659872.96

11 - Mercury Silo

UTM East	UTM North
337237.65	3659872.96
337240.21	3659870.40
337237.65	3659867.84
337235.09	3659870.40

12 - Fly Ash Silo

UTM East	UTM North
337217.91	3659901.05
337226.75	3659901.05
337233.00	3659894.81
337233.00	3659885.97
337226.75	3659879.72
337217.91	3659879.72
337211.66	3659885.97
337211.66	3659894.81

13 - Ash Solid Material Handling Facility

UTM East	UTM North
337801.37	3660642.88
337999.27	3660642.88
338276.03	3660411.92
338327.06	3660639.99
338514.69	3660642.55
338573.29	3660235.31
338256.02	3659829.94
337801.03	3659941.79

14 - Emergency Diesel Generator

UTM East	UTM North
337416.05	3659800.42
337424.07	3659800.42
337424.07	3659804.34
337436.44	3659804.34
337436.44	3659786.12
337424.38	3659786.12
337424.38	3659779.59
337416.05	3659779.59

15 - Pretreatment Belt Presses, Diesel Fire Pump, Lime and Soda Ash Silos

UTM East	UTM North
337194.97	3659661.86
337298.60	3659661.86
337298.60	3659735.02
337194.97	3659735.02

16 - Limestone Preparation and Gypsum Dewater Building

UTM East	UTM North
337093.64	3659895.57
337108.60	3659895.57
337108.60	3659887.64
337150.93	3659887.64
337150.93	3659871.10
337108.60	3659871.10
337093.64	3659871.10

17 - Limestone Slurry Tank

UTM East	UTM North
337097.16	3659864.95
337106.25	3659864.95
337112.68	3659858.52
337112.68	3659849.43
337106.25	3659843.00
337097.16	3659843.00
337090.73	3659849.43
337090.73	3659858.52

18 - Auxiliary Boiler

UTM East	UTM North
337334.86	3659765.91
337357.11	3659765.91
337357.11	3659755.24
337334.86	3659755.24

19 - Condensate Storage

UTM East	UTM North
337425.46	3659858.46
337430.51	3659858.46
337434.08	3659854.89
337434.08	3659849.84
337430.51	3659846.27
337425.46	3659846.27
337421.89	3659849.84
337421.89	3659854.89

20 - Administration and Control Building

UTM East	UTM North
337403.73	3659851.40
337415.92	3659851.40
337415.92	3659823.97
337403.73	3659823.97

21 - Maintenance Warehouse

UTM East	UTM North
337365.93	3659722.82
337426.89	3659722.82
337426.89	3659677.10
337365.93	3659677.10

22 - Cooling Towers

UTM East	UTM North
337034.01	3659729.29
337130.46	3659632.84
337143.39	3659645.77
337156.32	3659632.84
337143.39	3659619.91
337239.84	3659523.46
337214.41	3659498.03
337008.58	3659703.86

23 - Flue Gas Desulfurization Wastewater Building belt Press

UTM East	UTM North
337039.49	3659891.86
337083.48	3659891.86
337083.48	3659865.39
337039.49	3659865.39

24 - Illinois No. 6 Active Pile

UTM East	UTM North
337313.30	3660560.16
337344.12	3660547.39
337356.89	3660516.57
337344.12	3660485.74
337313.30	3660472.98
337282.48	3660485.74
337269.71	3660516.57
337282.48	3660547.39

25 - Powder River Basin Coal Active Pile

UTM East	UTM North
337317.75	3660465.28
337348.58	3660452.51
337361.34	3660421.69
337348.58	3660390.86
337317.75	3660378.10
337286.93	3660390.86
337274.16	3660421.69
337286.93	3660452.51

26 - Illinois No. 6 Inactive Pile

UTM East	UTM North
337044.86	3660623.29
337242.98	3660623.29
337242.98	3660486.13
337044.86	3660486.13

27 - Powder River Basin Coal Inactive Pile

UTM East	UTM North
337052.48	3660433.22
337235.36	3660433.22
337235.36	3660204.62
337052.48	3660204.62

28 - Coal Rail Unloading

UTM East	UTM North
337509.97	3660430.83
337519.11	3660430.83
337519.11	3660412.54
337509.97	3660412.54

29 - Limestone Rail Unloading

UTM East	UTM North
337262.54	3660047.50
337280.83	3660047.50
337280.83	3660038.35
337262.54	3660038.35

30 - Limestone Pile

UTM East	UTM North
337169.18	3660033.28
337185.05	3660027.33
337192.76	3660011.02
337185.49	3659993.62
337170.94	3659987.45
337154.20	3659994.06
337147.36	3660009.26
337153.31	3660025.79

31 - Gypsum-Solid Material Handling Facility

UTM East	UTM North	UTM East	UTM North
338256.02	3659829.94	339034.22	3661031.31
338573.29	3660235.31	339204.12	3660880.77
338514.69	3660642.55	339427.42	3661032.15
338327.06	3660639.99	339500.02	3661016.84
338332.24	3660990.23	339621.72	3660766.41
338578.55	3661004.65	338870.34	3659692.55
338848.44	3660842.65	338709.47	3659762.47
338957.86	3661026.84	338593.08	3659648.78

32 - Wet Scrubber Tower

UTM East	UTM North
337121.12	3659823.53
337129.53	3659828.40
337138.87	3659825.94
337143.74	3659817.60
337141.28	3659808.26
337132.94	3659803.39
337123.60	3659805.85
337118.73	3659814.19

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BUILDING HEIGHTS AND DIMENSIONS

SCALE AS SHOWN

CONTRACT 6122-07-0007

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