

CITY OF ALBANY

DEPARTMENT OF PLANNING AND DEVELOPMENT



PUBLIC INFORMATION MEETING | SEPTEMBER 17, 2019

Installation of 2500 HP Shredder & Construction of a Railroad Siding

*Ben Weitsman of Albany, LLC
300 Smith Blvd, Port of Albany*

TONIGHT'S PRESENTERS:



ANTHONY R. PANICCIA, PE, JD
Delta



CHRIS J. MABY, CPESC
Delta



EJ WATSON
Weitsman



KEVIN DEET
Weitsman

Weitsman Family of Companies

Upstate Shredding – Weitsman Recycling generates sales of approximately \$750 million dollars per year. With nearly 400 employees, Upstate Shredding – Weitsman Recycling is headquartered on a 17-acre environmentally certified facility in Owego, and operates yards in Owego (2 locations), Binghamton, Ithaca (2 locations), Syracuse, Scranton, Rochester, Jamestown, Brant, Watertown, Hornell, Allegany and Albany, NY (port facility and retail scrap yard), and Scranton and New Castle, PA. As the East Coast’s largest privately owned scrap metal processor and recycling center, and one of the largest operations of its type in the United States, Upstate Shredding – Weitsman Recycling will process approximately 1 million tons of ferrous and 250 million pounds of nonferrous in 2019. Upstate Shredding – Weitsman Recycling’s metal shredding and separation operation handles all types of ferrous and non-ferrous scrap metals: automobiles, trucks, appliances, machines and scrap generated from industrial production.

Upstate Shredding – Weitsman Recycling’s leading-edge process ensures the production of clean, bulk, scrap metal commodities that are sold to foundries, mills and manufacturers domestically and around the world where they are reprocessed to make new products.



RETAIL

With 18 state-of-the-art locations throughout both New York and Pennsylvania, Upstate Shredding – Weitsman Recycling welcomes scrap metal of all shapes and sizes at our yards. Drive onto our scale and watch as your scrap metal turns into cash.



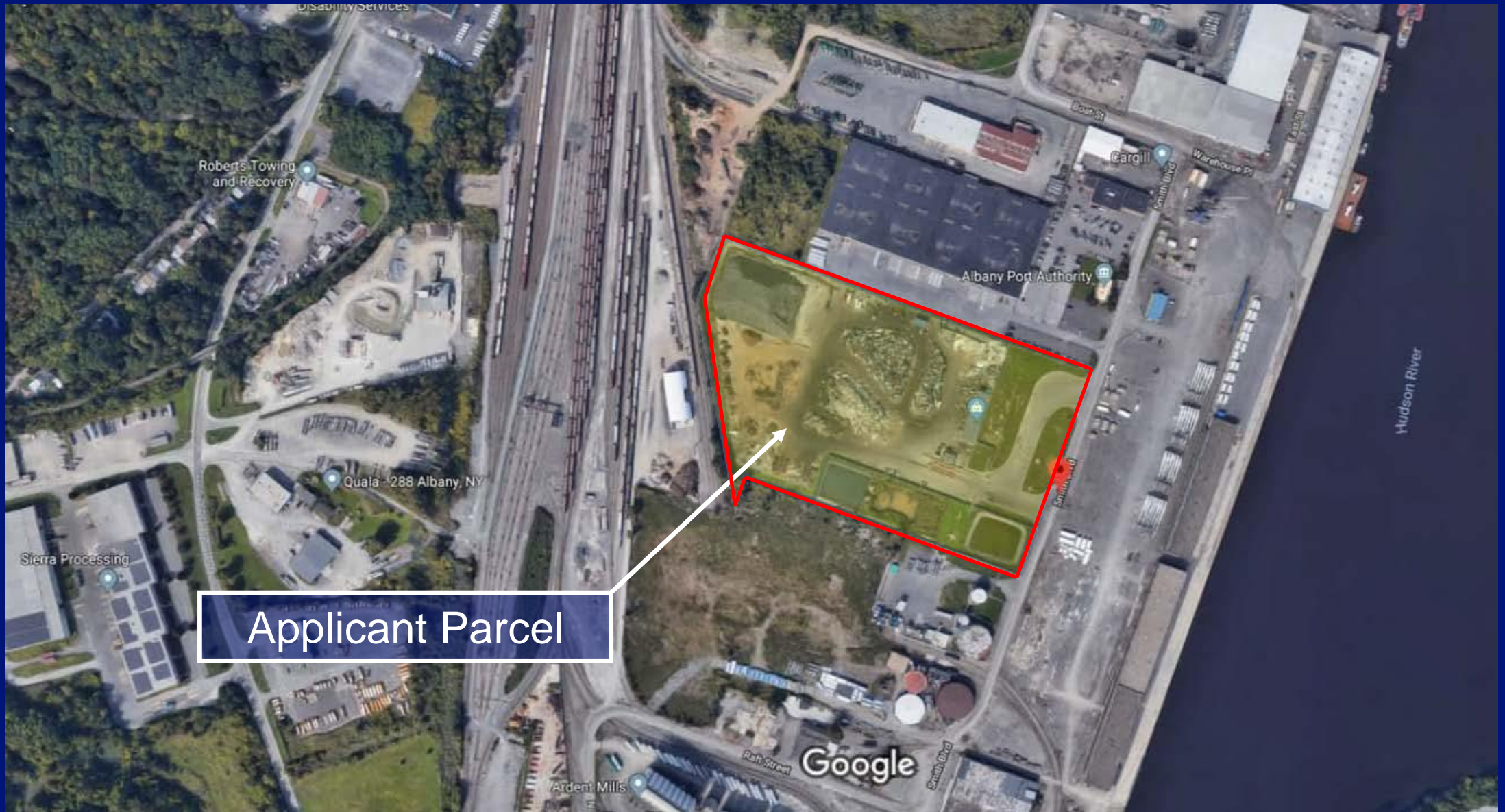
COMMERCIAL/ WHOLESALE

As the East Coast’s largest privately held scrap metal processor, Upstate Shredding – Weitsman Recycling uses the most innovative technologies and systems in the industry to process its 1 million tons of ferrous and 250 million pounds of nonferrous scrap metal per year.

Property Address	300 Smith Boulevard
Applicant	Ben Weitsman of Albany, LLC
Representing Agent	Anthony Paniccia, <i>Delta Engineers, Architects, & Land Surveyors, DPC</i>
Zoning District	I-2 (General Industrial)
Request	Approval of a Conditional Use Permit
Proposal	Replace 2 existing diesel motor crushers with a 2,500 HP shredder and install a rail siding for material delivery/shipping

TOPICS TO BE COVERED

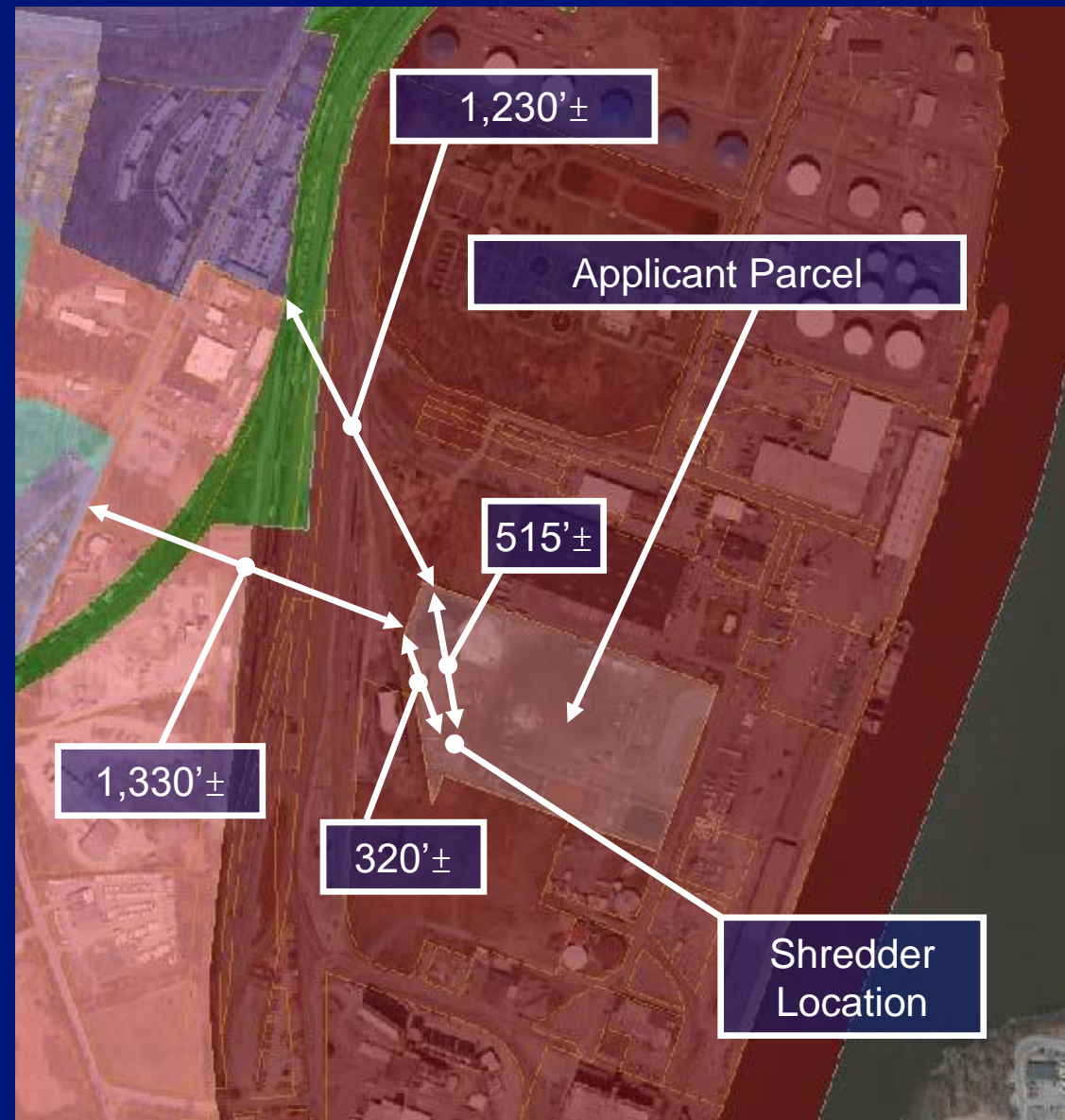
- Parcel Location
- Nearby Residential Zoning Districts
- Traffic Study
- Noise Study
- Air Registration
- Site Plan
 - Shredder Location
 - Railroad Siding
 - EMS Access
 - Water Supply



Applicant Parcel

PROXIMITY TO NEARBY RESIDENTIAL DISTRICTS

- 1,330' between subject parcel and closest point in R-T (Residential, Townhouse) Zoning District
- 1,230' between subject parcel and closest point in R-V (Residential, Village) Zoning District



TRAFFIC STUDY

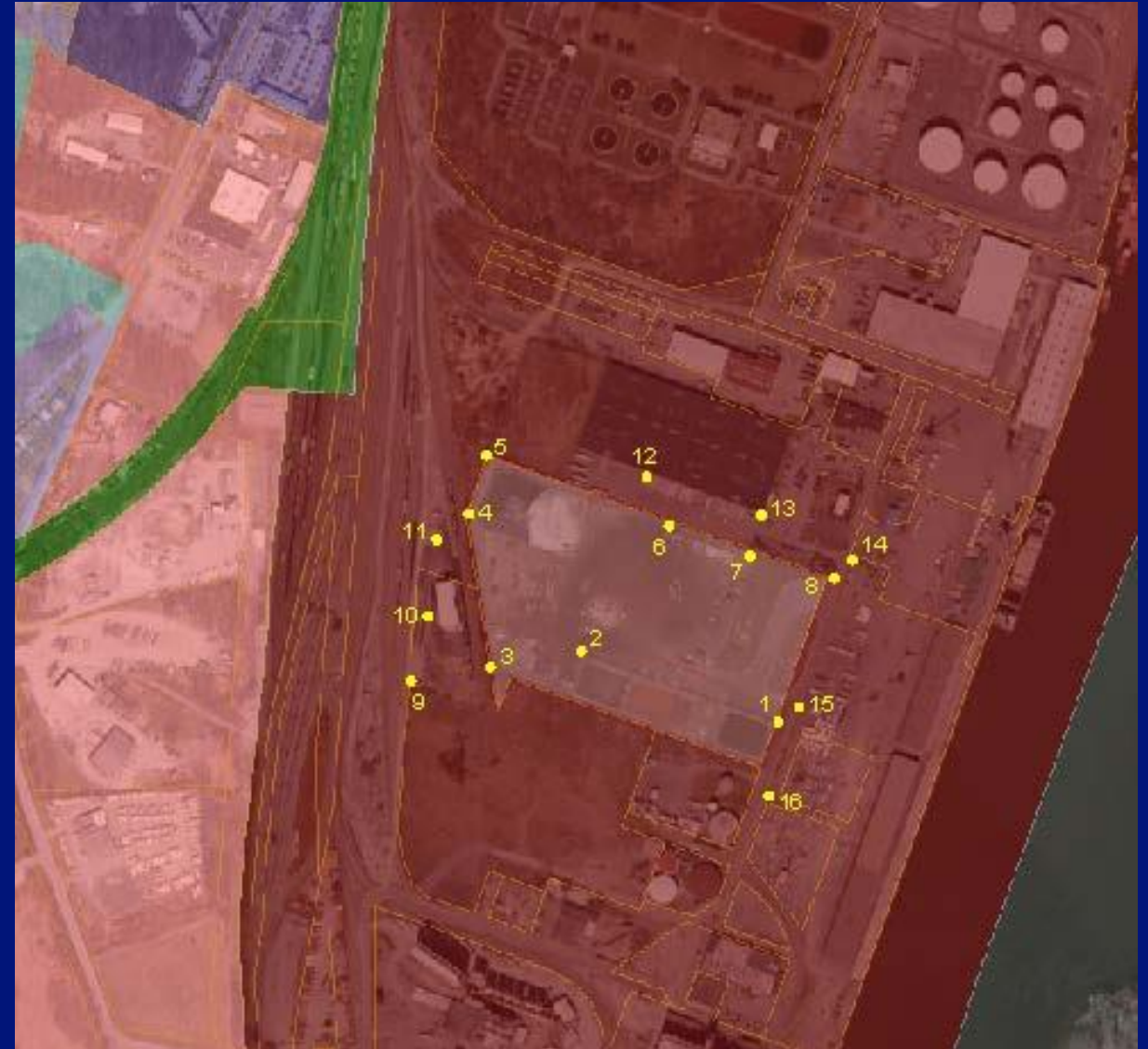
- Traffic counts were taken in November and December 2018
- Study area included 5 intersections
- Weekday AM intersection peak hour is 7:30 to 8:30
- Weekday PM intersection peak hour is 12:00 to 1:00
- The Saturday AM peak was 10:15 to 11:15, and the midday peak was 12:15 to 1:15.

TRAFFIC STUDY (CONT'D)

- Level-of-Service will improve slightly but will not be discernable to the traveling public.
- With inclusion of the rail siding, heavy truck traffic is expected to be reduced by 20 vehicles per day
- The study also discusses signage prohibiting right turns onto Smith Boulevard.

NOISE STUDY

- Study followed guidelines prescribed in Section 374-3(J)(1)(a)(vi) of the City's USDO and NYSDEC's Program Policy DEP-00-1
- Noise level observations were taken at 16 locations in December 2018
- An Extech 407738 NIST Certified sound level meter was used to record the sound levels
- Readings were taken for a one-minute duration at five different times during the workday, and then averaged to establish ambient sound levels.
- Readings were also taken at an operating 2,500 HP shredder for comparison.



NOISE STUDY (CONT'D)

- Readings were reduced and then evaluated against standard criteria:
 - DEP-00-1 indicates 79 dB is the acceptable high-end ambient level prior to evaluating mitigative measures in an industrial environment.
 - DEP-00-1 further indicates a high-end value of 65 dB in a non-industrial setting such as a residential district allows for undisturbed speech at a distance of three feet.
- A comparison of the levels onsite and at the active shredder suggest the maximum noise level is likely to be lower when this project is completed.

NOISE STUDY CONT'D

Onsite Readings Closest to & projected to R-T (1,330' away)

December 11, 2018						December 13, 2018				
Location	Time	Reading	Projected to R-T	Avg.	Projected to R-T	Time	Reading	Projected to R-T	Avg.	Projected to R-T
3	10:49	72.3	48.7	68.4	44.8	9:31	66.5	42.9	67.5	43.9
	12:26	65.2	41.6			10:49	66.8	43.2		
	1:25	63.9	40.3			11:58	72.1	48.5		
	2:24	73.0	49.4			1:14	65.7	42.1		
	3:23	67.8	44.2			2:31	66.2	42.6		
4	10:37	71.2	47.6	66.3	42.7	9:27	77.3	53.7	69.4	45.8
	12:23	65.4	41.8			10:46	71.6	48.0		
	1:22	65.8	42.2			11:54	64.0	40.4		
	2:20	62.8	39.2			1:09	66.0	42.4		
	3:19	66.2	42.6			2:27	68.0	44.4		
5	10:31	65.9	42.3	60.5	36.9	9:24	72.1	48.5	66.9	43.3
	12:20	60.7	37.1			10:40	62.8	39.2		
	1:20	60.2	36.6			11:51	61.6	38.0		
	2:18	60.2	36.6			1:07	74.2	50.6		
	3:17	55.5	31.9			2:25	64.0	40.4		

NOISE STUDY CONT'D

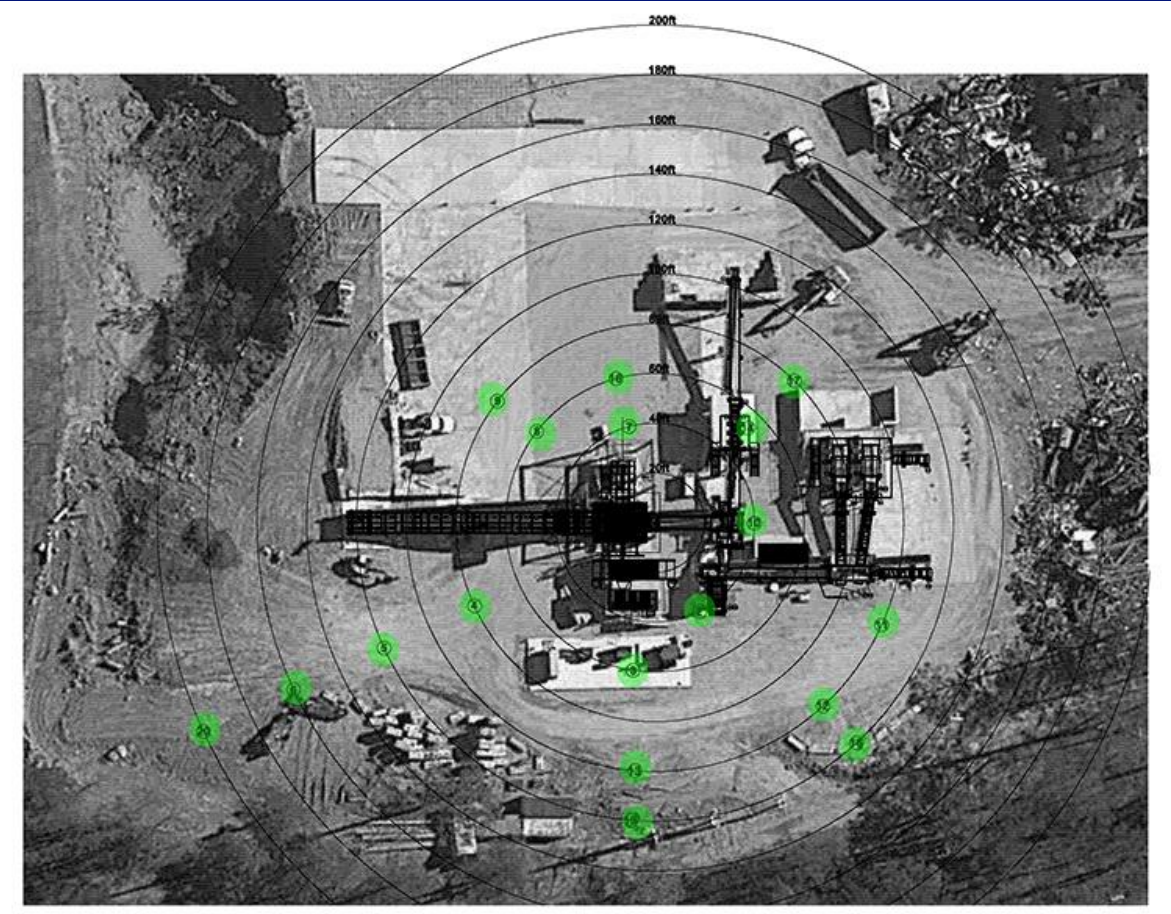
Onsite Readings Closest to & projected to R-V (1,230' away)

December 11, 2018						December 13, 2018				
Location	Time	Reading	Projected to R-V	Avg.	Projected to R-V	Time	Reading	Projected to R-V	Avg.	Projected to R-V
4	10:37	71.2	47.6	66.3	42.7	9:27	77.3	53.7	69.4	45.8
	12:23	65.4	41.8			10:46	71.6	48.0		
	1:22	65.8	42.2			11:54	64.0	40.4		
	2:20	62.8	39.2			1:09	66.0	42.4		
	3:19	66.2	42.6			2:27	68.0	44.4		
5	10:31	65.9	42.3	60.5	36.9	9:24	72.1	48.5	66.9	43.3
	12:20	60.7	37.1			10:40	62.8	39.2		
	1:20	60.2	36.6			11:51	61.6	38.0		
	2:18	60.2	36.6			1:07	74.2	50.6		
	3:17	55.5	31.9			2:25	64.0	40.4		
6	10:25	70.7	48.8	72.3	50.4	9:17	83.5	61.6	72.8	50.9
	12:15	64.8	42.9			10:35	61.8	39.9		
	1:16	72.3	50.4			11:46	69.6	47.7		
	2:14	67.3	45.5			1:02	79.9	58.0		
	3:13	86.6	64.7			2:16	69.3	47.4		

NOISE STUDY CONT'D

Readings Taken at Active Shredder

Location	Distance to Shredder	Time	Sound level
2	40'	8:44 am	65.1
3	60'	8:45 am	57.6
4	80'	8:47 am	67.8
5	120'	8:49 am	63.1
6	160'	8:51 am	53.2
7	40'	9:04 am	63.1
8	60'	9:06 am	67.8
9	80'	9:07 am	66.5
10	40'	9:11 am	67.2
11	100'	9:12 am	63.0
12	100'	9:17 am	57.3
13	100'	9:19 am	57.9
14	55'	9:24 am	67.9
16	60'	7:57 am	44.2
17	80'	8:02 am	49.9
18	120'	8:08 am	46.7
19	120'	8:11 am	58.1
20	200'	8:15 am	52.2



AIR REGISTRATION & POWER SOURCE

- Air Registration for the project submitted to NYSDEC on 12/1/2018
- Ongoing conversations with National Grid regarding power source – design is expected to start soon after approval of the conditional use permit

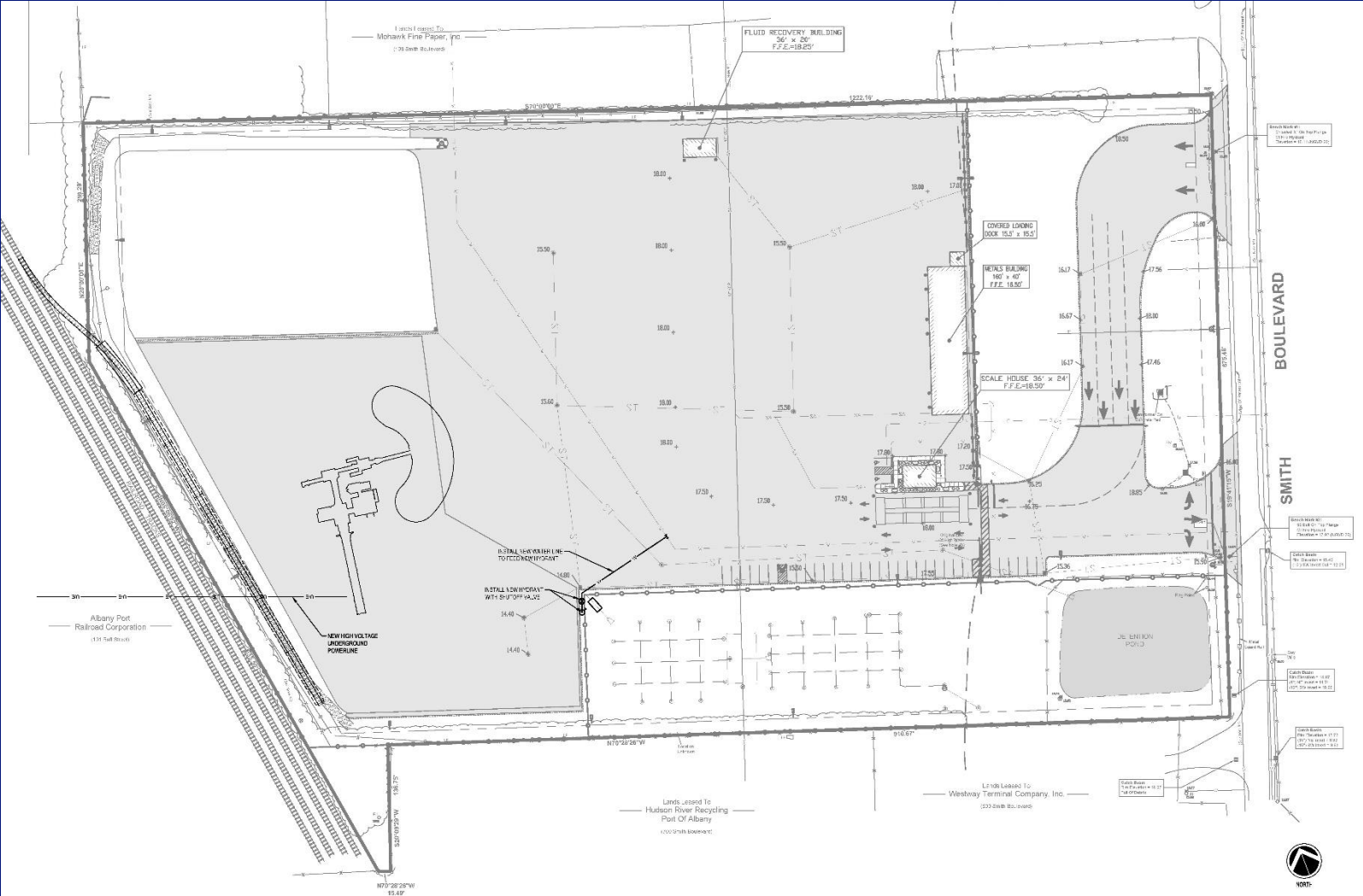
CHANGES IN AIR EMISSIONS

- 209 lb/yr reduction (242 to 33) in particulate matter
- 7265 lb/yr reduction (fully eliminated) in oxides of nitrogen
- 1800 lb/yr reduction (fully eliminated) in carbon monoxide
- 1,630,000 lb/yr reduction (fully eliminated) in carbon dioxide

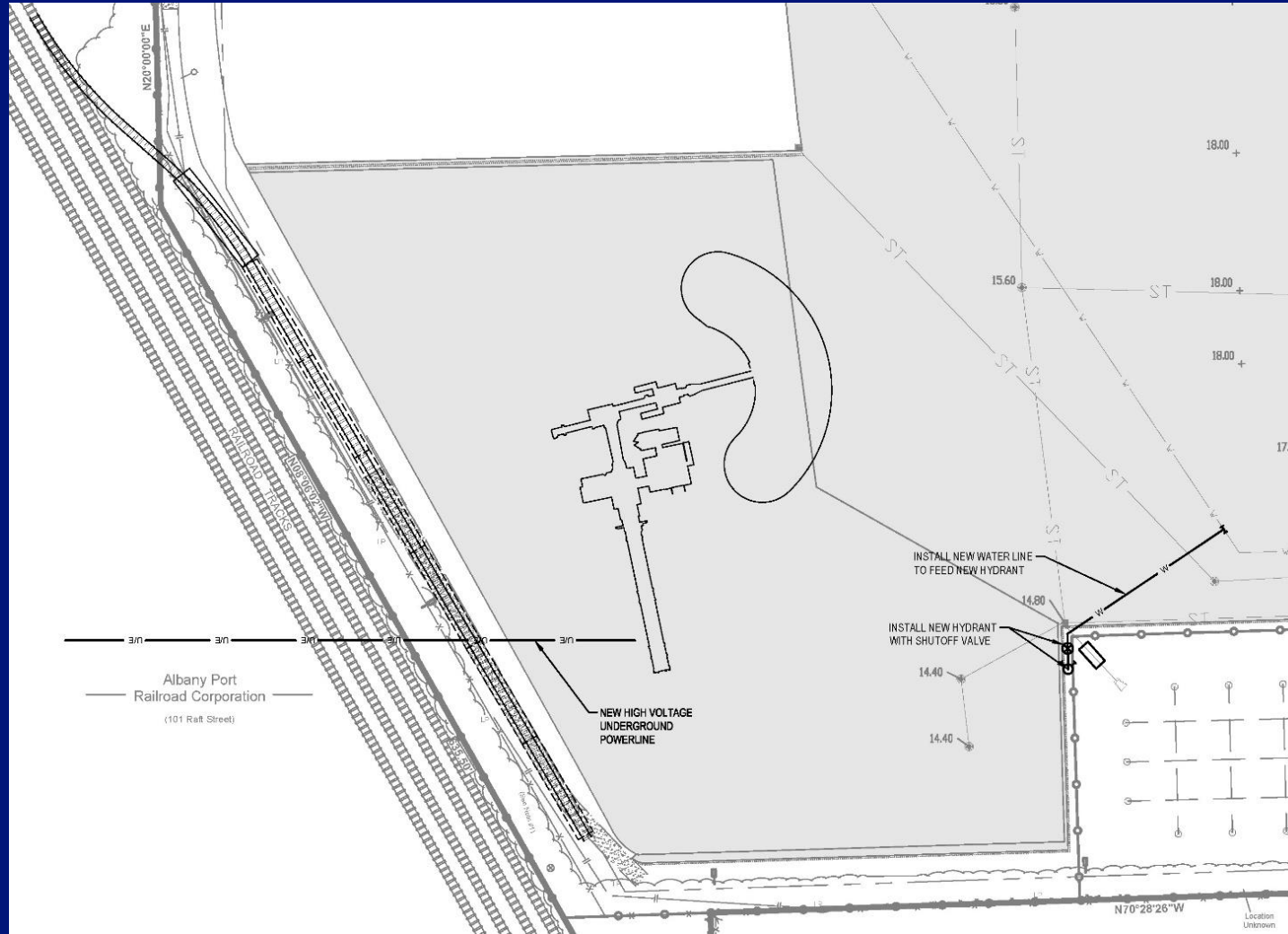
SITE PLAN

- Shredder Location
- Railroad Siding
- EMS Access
- Water Supply

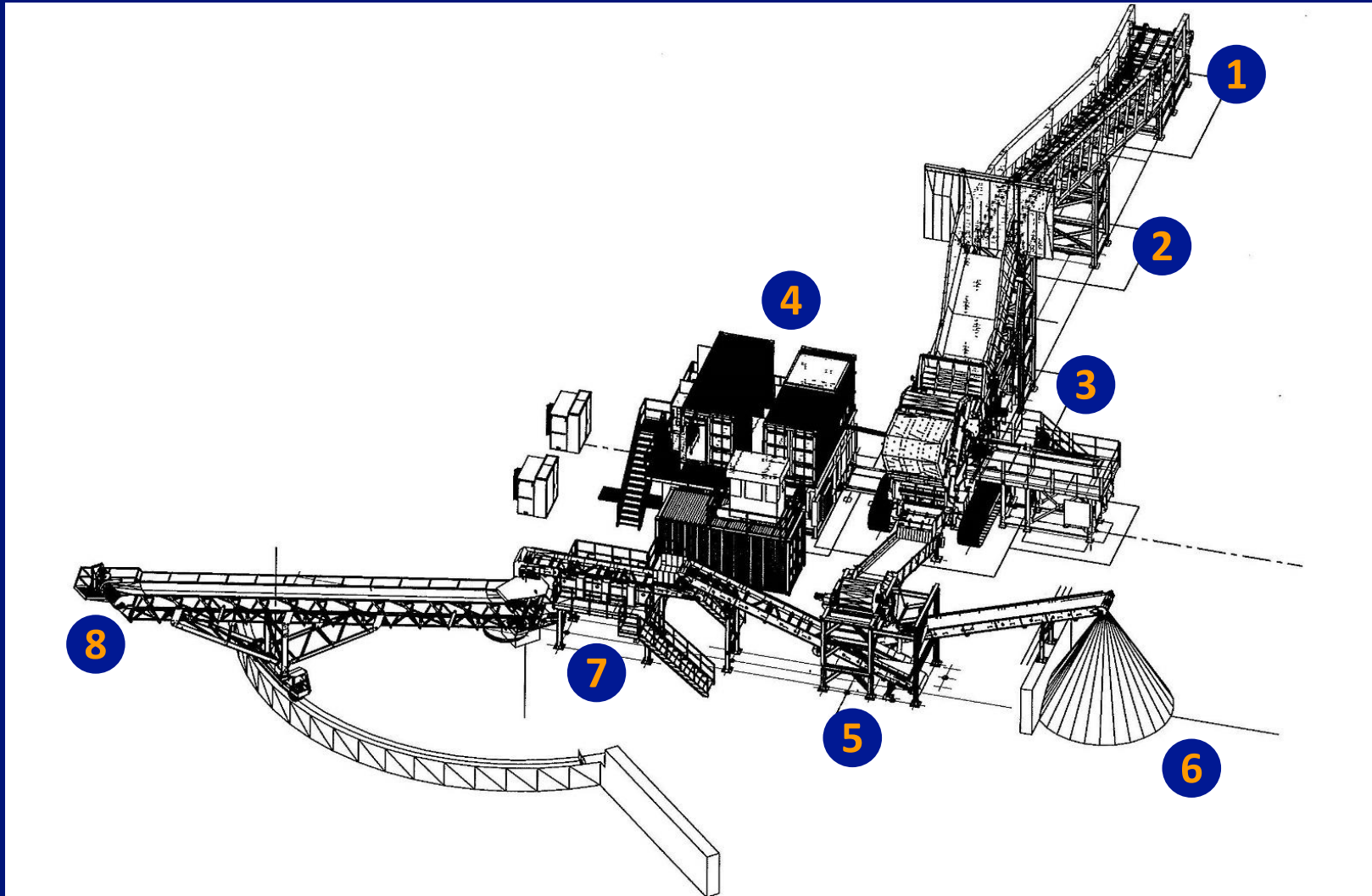
SITE PLAN



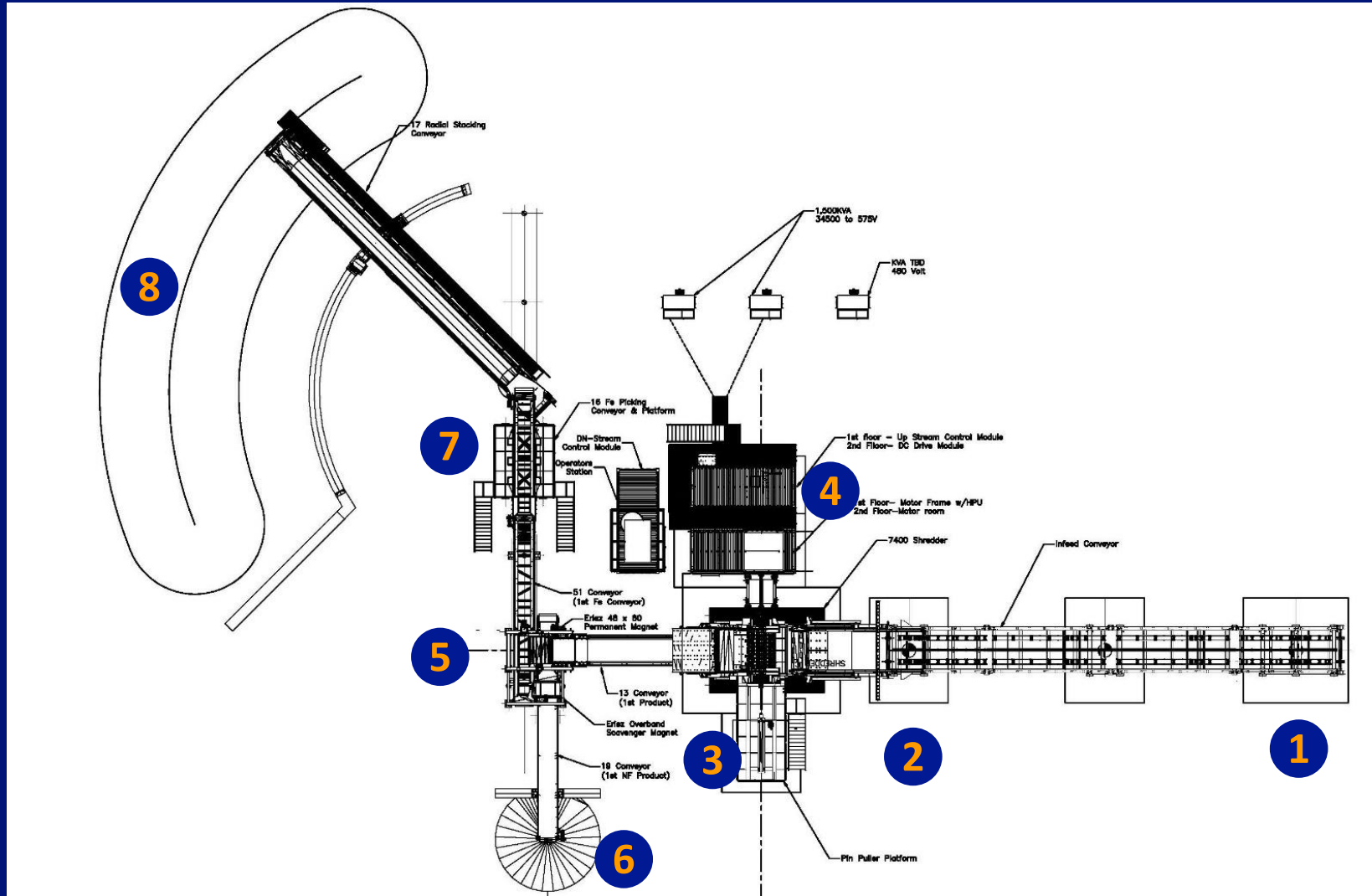
SITE PLAN-Shredder Location & RR Siding



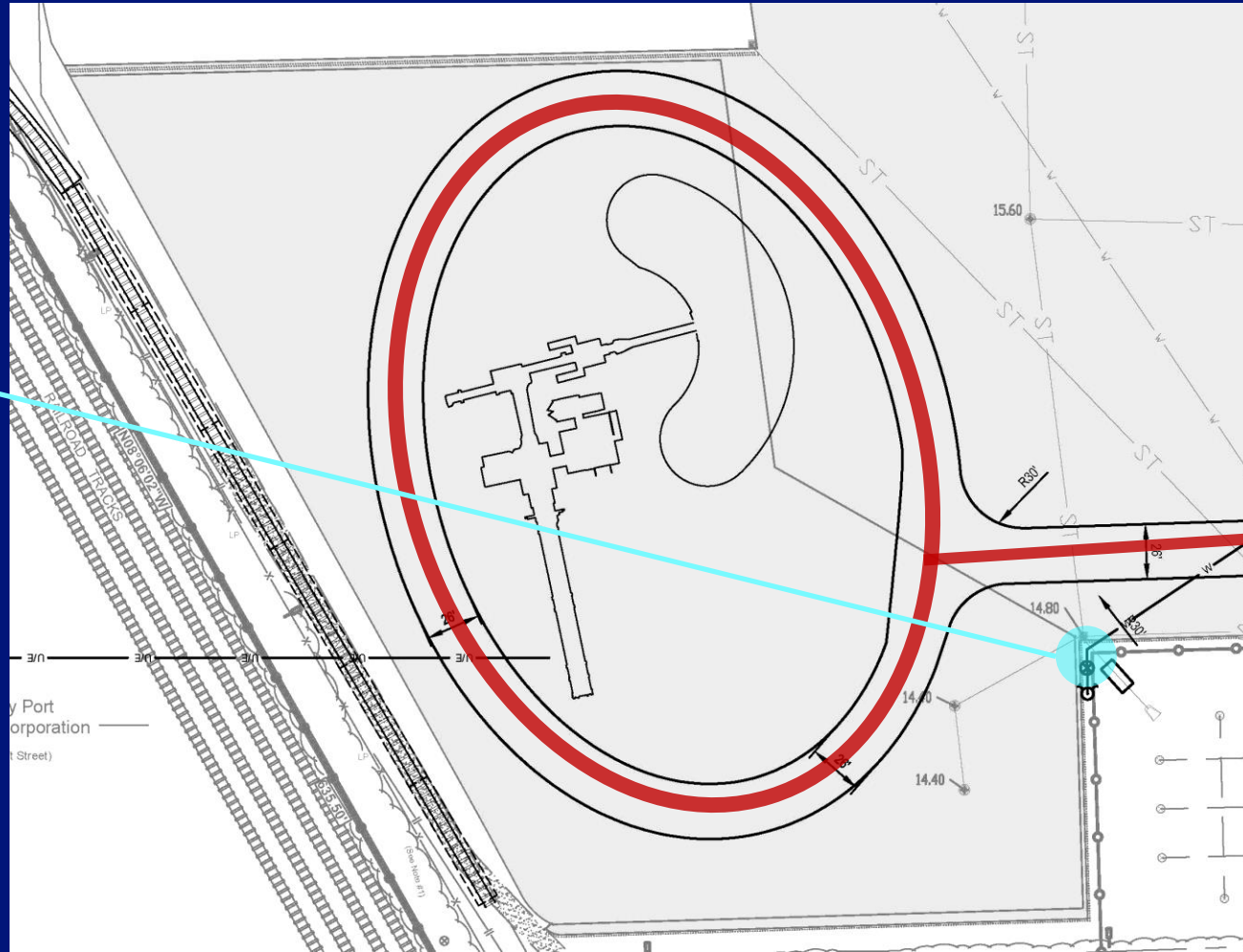
SHREDDER



SHREDDER



EMS ACCESS AND WATER SUPPLY



Water Supply

Fire Truck Path

SUMMARY

Impacts are expected to be positive to the area and good for business

- Parcel Location
- Nearby Residential Zoning Districts
- All of the site truck traffic will head north on Smith Boulevard
- Traffic Study shows reduction of traffic
- Noise Study anticipates reduction of noise
- Air Registration ensures compliance with appropriate State regulations
- Site Plan considers EMS access, power supply, water supply, while maintaining operational efficiency

QUESTIONS?