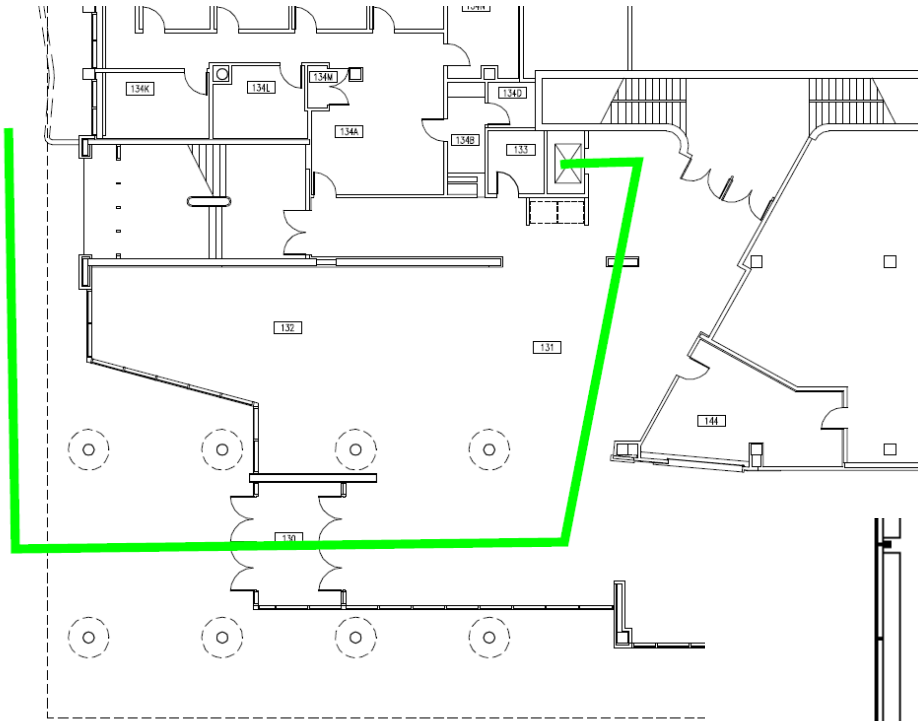


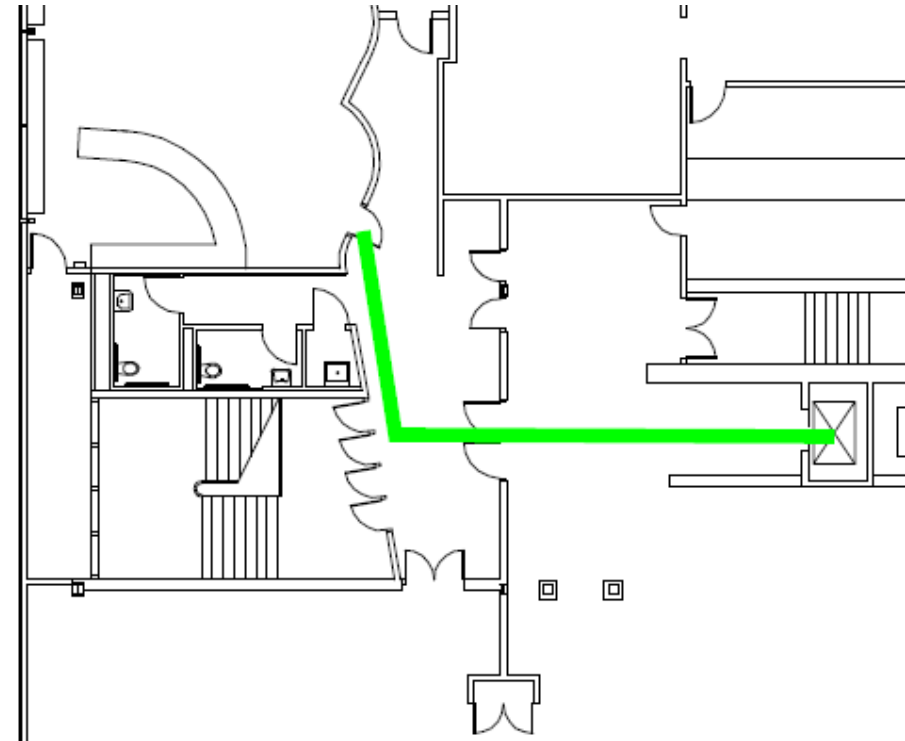
# Facility Advisory Committee

December 12, 2014

# Accessible Route Employee Restaurant

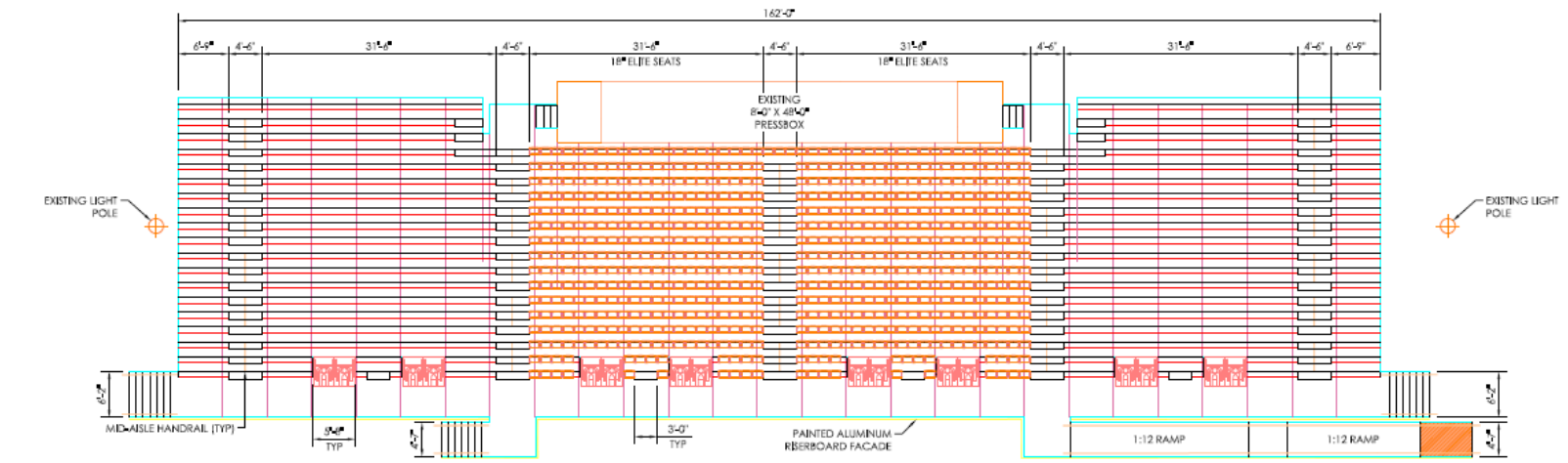


First Floor Speert Hall



Second Floor Speert Hall

# Existing Footprint – 1500 seats



## SEATING LAYOUT

890	TOTAL NET 18" SEATS
635	TOTAL NET 18" ELITE SEATS
16	TOTAL NET 33" WHEELCHAIR SPACES
1541	TOTAL SEATING CAPACITY



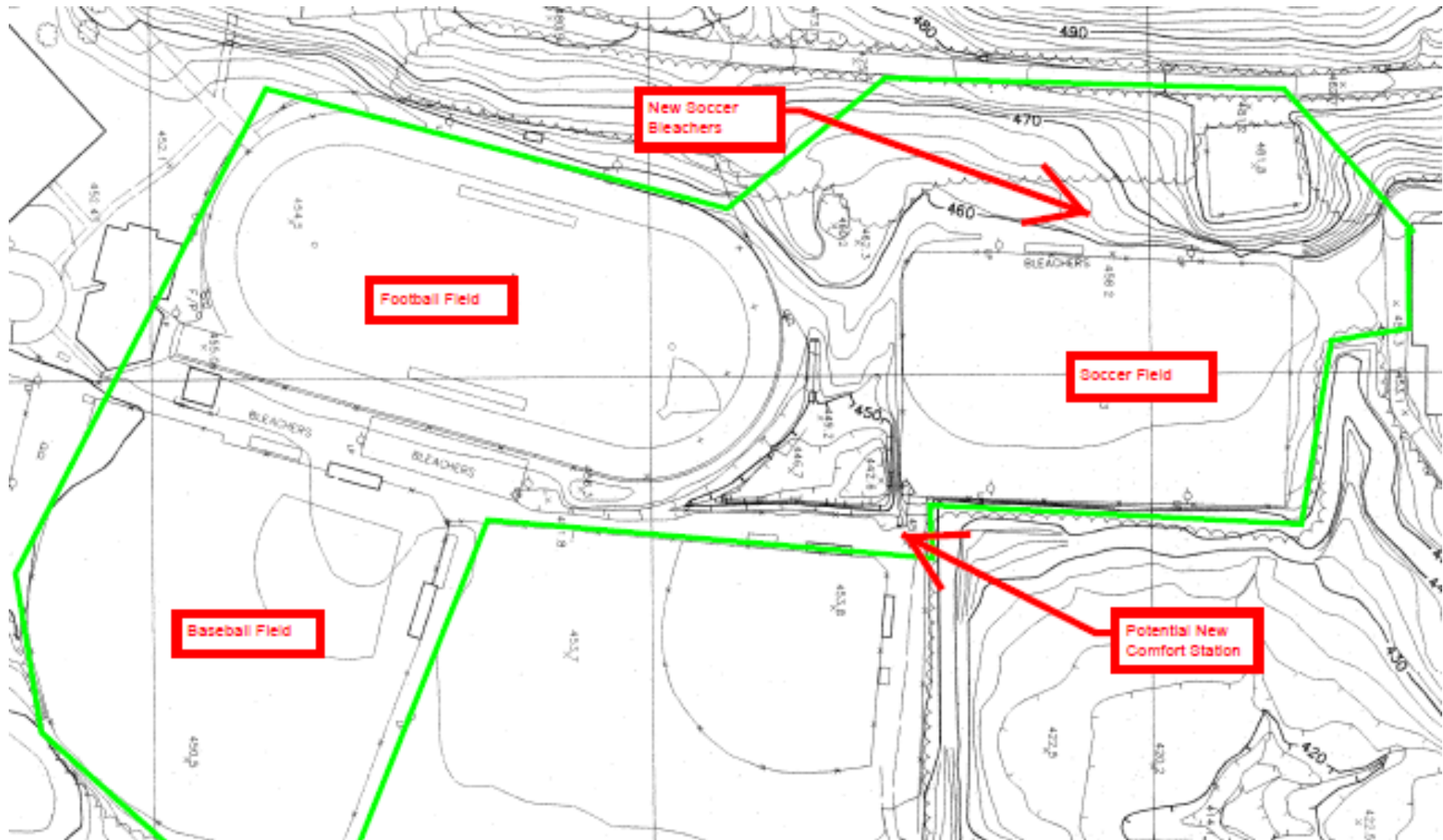
10	20	30	40	50	40	30	20	10
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1254	TOTAL	NET 18"	SEATS
635	TOTAL	NET 18"	ELITE SEATS
20	TOTAL	NET 33"	WHEELCHAIR SPACES
1909	TOTAL	SEATING	CAPACITY - ALTERNATE

[illegible]

# Soccer Field – Natural to Artificial Turf



# Athletic Field Projects Costs

- Football Bleachers \$770,000 (2015)
- Soccer Field \$1,000,000 (summer 2016)
- Baseball Field \$600,000 (2017/2018)
- Football Field \$700,000 (2017/2018)

# Strategic Plan Goal V.F.

***“F. Make the University a fully “green” institution.***

While environmentally conscious and with an award-winning solar power campus, the University is determined to take further steps to increase efficiency and energy conservation throughout the institution. Towards these ends, the University will:



# Strategic Plan Goal V.F.

Design all construction and renovation projects to be environmentally sound, use at least a significant proportion of recycled materials in such projects and ensure maximum energy-efficiency in campus buildings, vehicles and processes, with the goal of substantially reducing energy consumption over the next five years;"

# Energy Savings Improvement Program

\$10 million in improvements

- LED Lighting retrofits (13 buildings)
- HVAC controls (13 buildings)
- Cogeneration (6 Buildings)
- Other HVAC (13 Buildings)

Paid by Energy Savings over 15 years

Saves about \$1.2 million a year in energy

Reduces energy consumption by approximately 15%

18 – 24 month implementation period

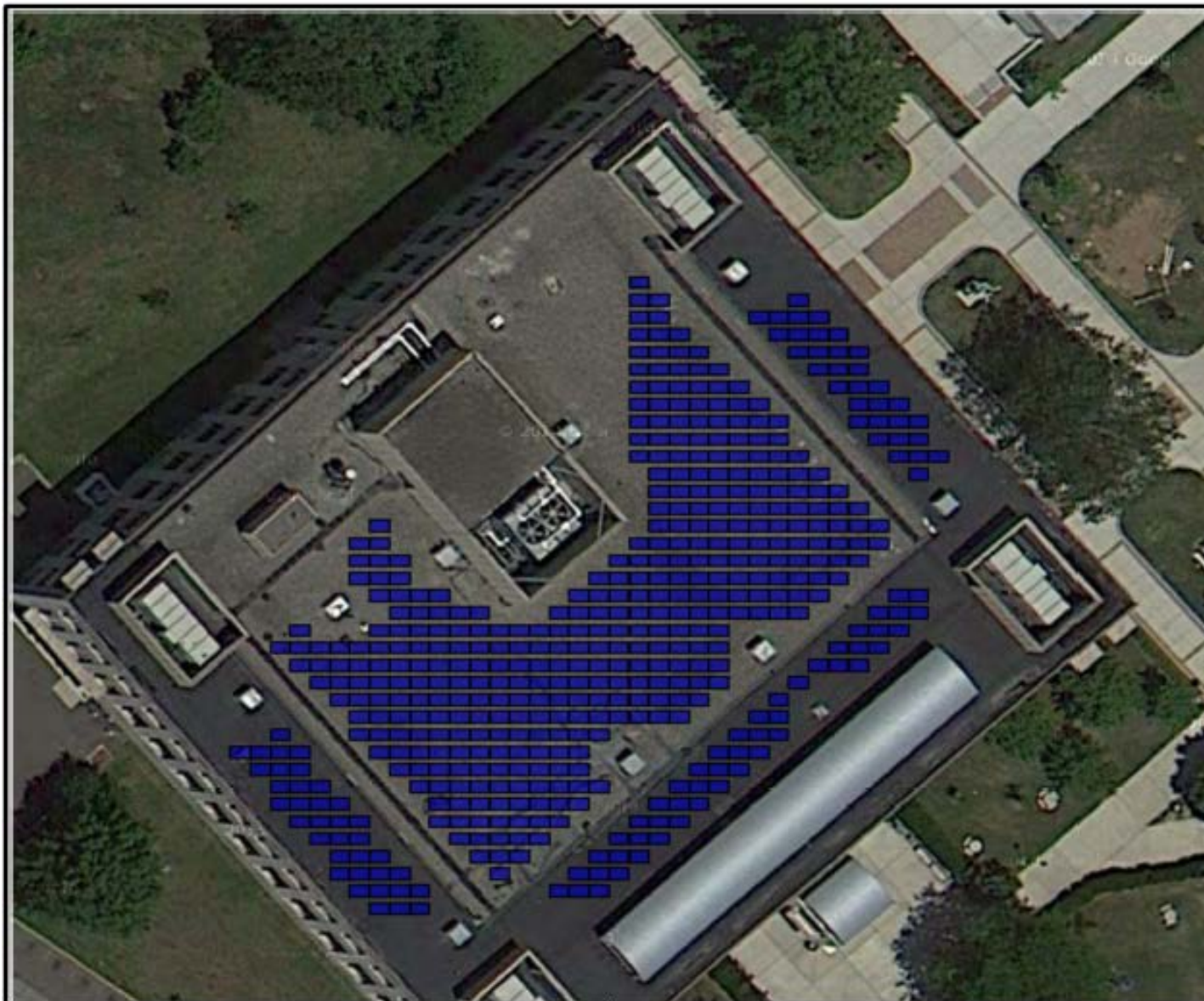
# Solar Energy – Phase II

- Roof Mounted Installations at Hobart Hall, Science Halls, Library, Facilities, College Hall.

# Power Purchase Agreement Value



Year	Annual Production	Fixed PPA Rate	Estimated Utility Rate	Savings	Savings
	kWh	\$/kWh	\$/kWh	kWh	\$
2015	631,200	0.1100	0.1515	0.0415	26,210
2016	628,044	0.1100	0.1568	0.0468	29,410
2017	624,904	0.1100	0.1623	0.0523	32,693
2018	621,779	0.1220	0.1680	0.0460	28,627
2019	618,670	0.1220	0.1739	0.0519	32,122
2020	615,577	0.1220	0.1800	0.0580	35,707
2021	612,499	0.1352	0.1863	0.0510	31,267
2022	609,437	0.1352	0.1928	0.0576	35,084
2023	606,389	0.1352	0.1995	0.0643	39,000
2024	603,358	0.1499	0.2065	0.0566	34,150
2025	600,341	0.1499	0.2137	0.0638	38,319
2026	597,339	0.1499	0.2212	0.0713	42,596
2027	594,352	0.1662	0.2290	0.0628	37,299
2028	591,381	0.1662	0.2370	0.0708	41,852
2029	588,424	0.1662	0.2453	0.0791	46,523
Total	9,143,693				\$530,857



**NautilusSolar**

396 Springfield Avenue, Summit, NJ 07901

### Project Address

300 Pompton Rd  
Wayne, NJ 07470

### Solar Module

Manufacturer: Trina Solar  
Model: 250W  
Number: 594

### Inverter

Manufacturer: Schneider Electric  
Model: TL20000E  
Number: 5

### Racking

Manufacturer: TBD  
Angle: 10 degrees  
Orientation: 180 degrees

### NOTES

1. Not to be used as construction drawings
2. Contractors to verify all dimensions prior to construction
3. For Nautilus Solar Energy (NSE) and NSE client proposal purposes only

**Cheng Library**

**121.5 kW Roof Mount**

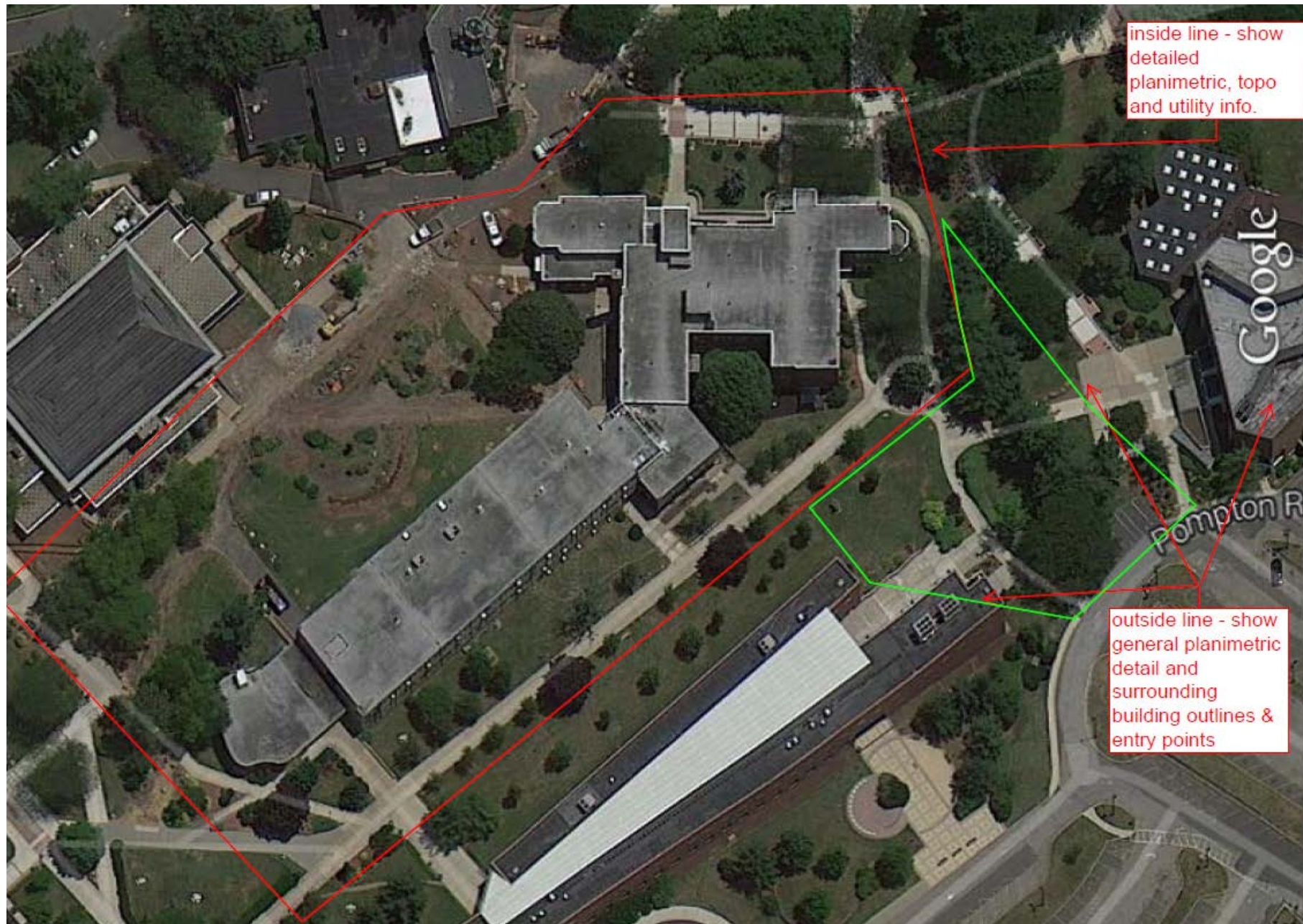
DATE: 6NOV  
2014

Revision  
2

Scale: NTS

Sheet  
4 of 6

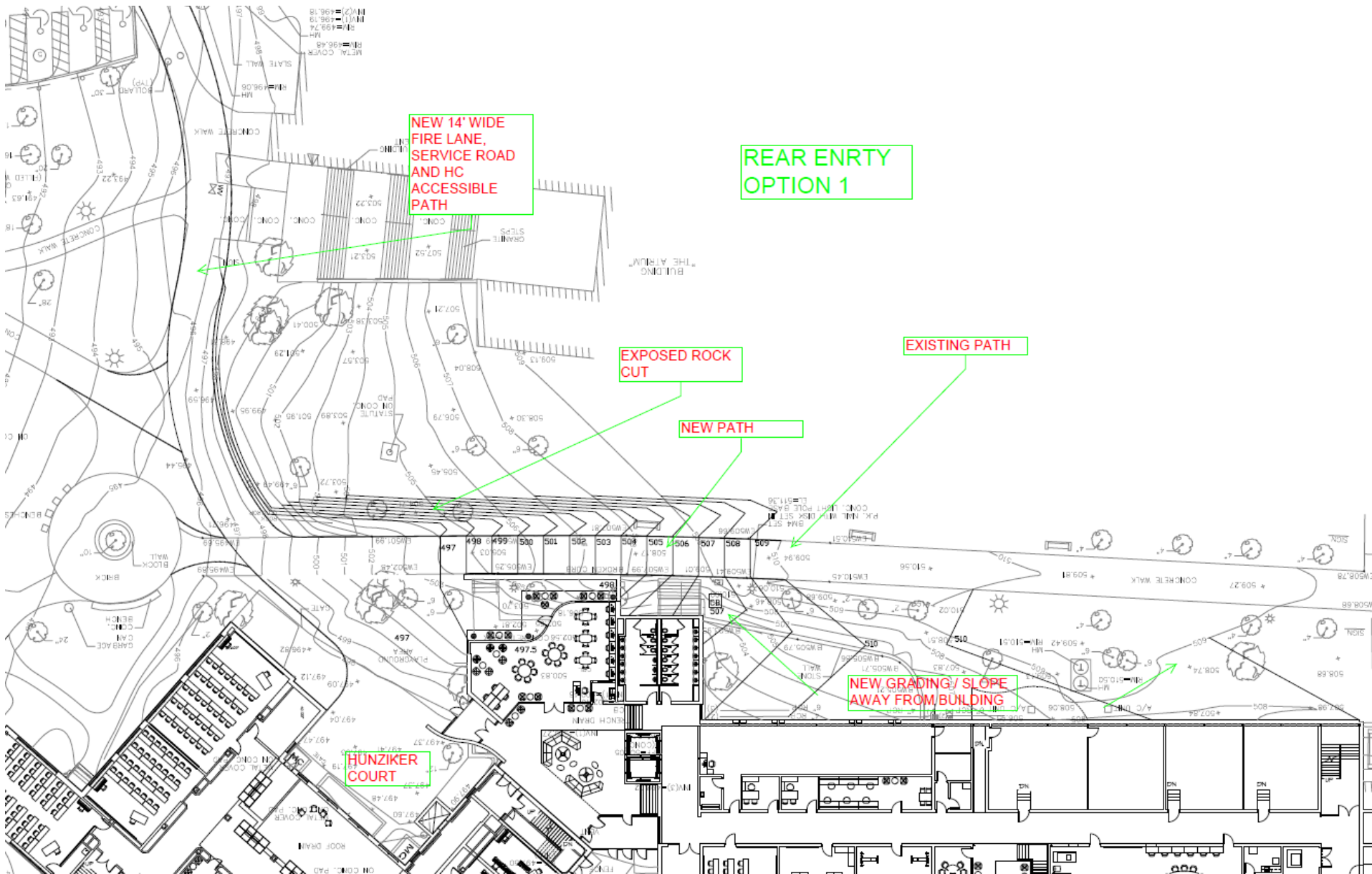




inside line - show  
detailed  
planimetric, topo  
and utility info.

outside line - show  
general planimetric  
detail and  
surrounding  
building outlines &  
entry points

# Hunziker from Lot 3





# Hunziker Exterior

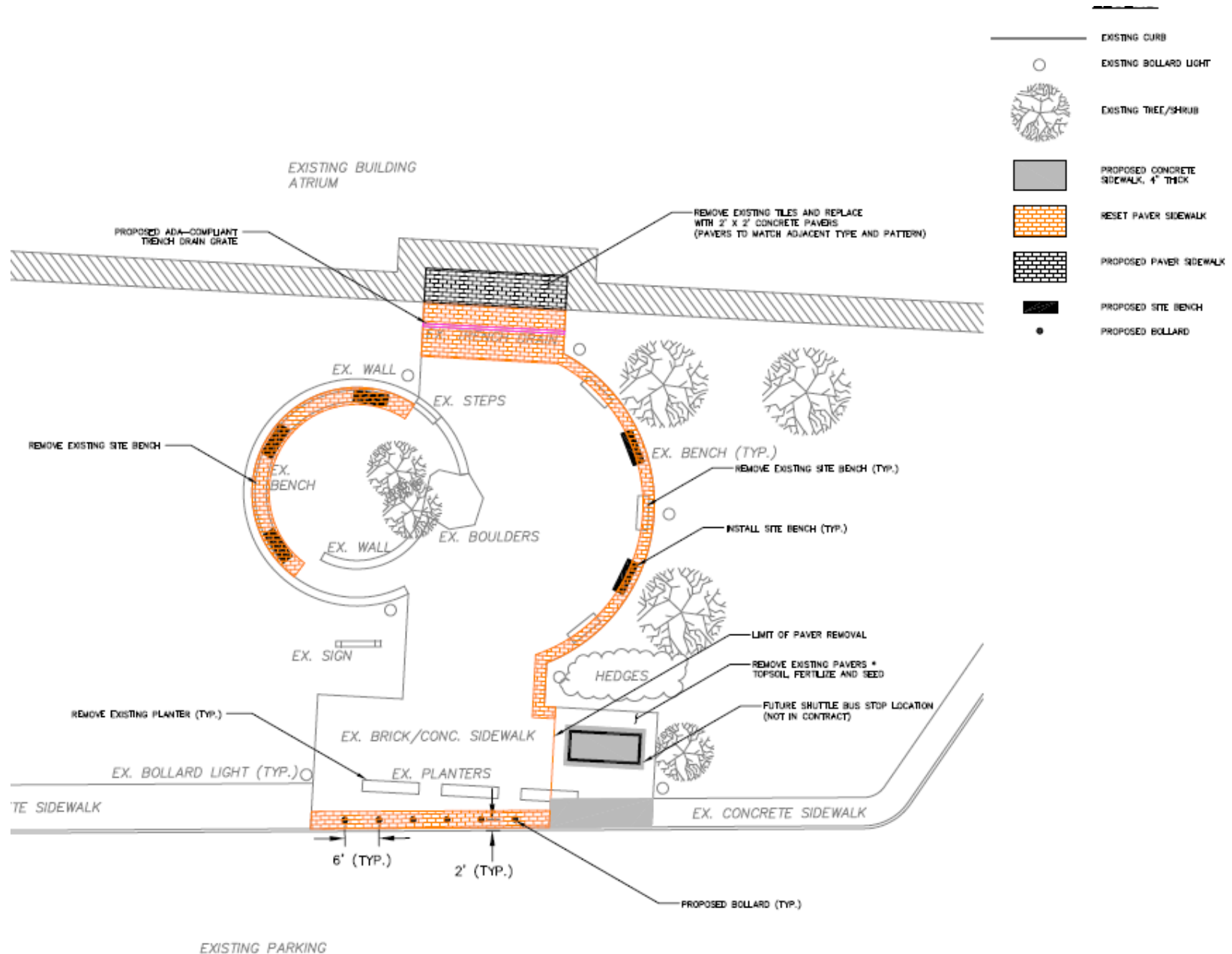




# Hunziker Exterior



# Atrium Entrance



# Atrium Entrance

- BLACK EYED SUSAN (1 GAL)
- WINTERKING HAWTHORNE (2 TO 25 INCH CALIPER)
- PROCRUMBENS JUNIPER (3 GAL)
- CONEFLOWER (1 GAL)
- SLIM JIM PHLOX (1 GAL)

