

### **Existing Conditions**





#### **Point of Access**



Service

Parking

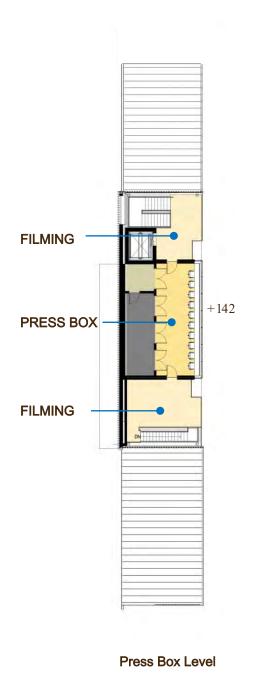


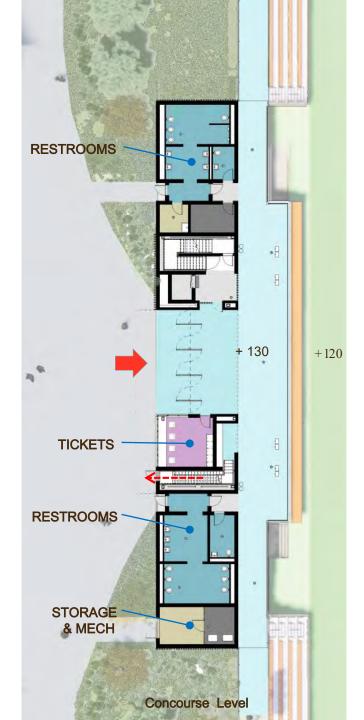


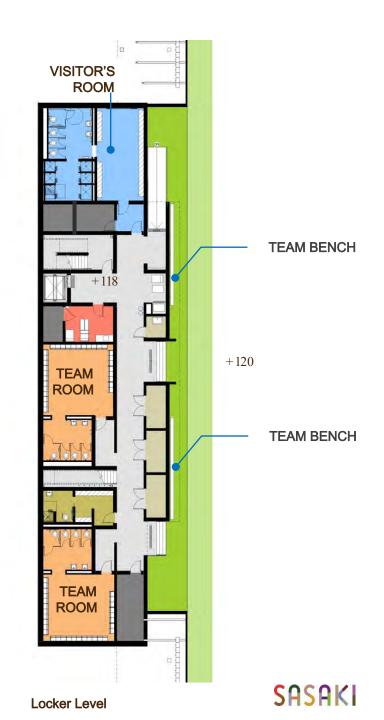




#### **West Pavilion**











GEOTHERMAL >

STORM WATER SYSTEM





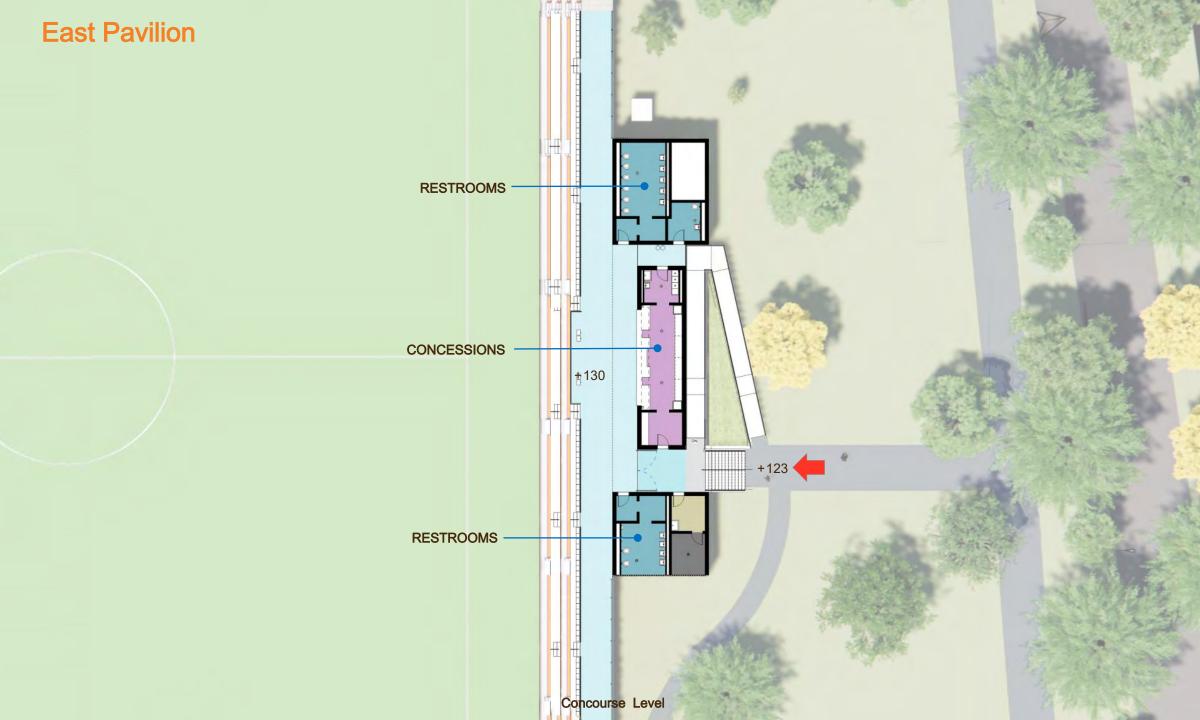










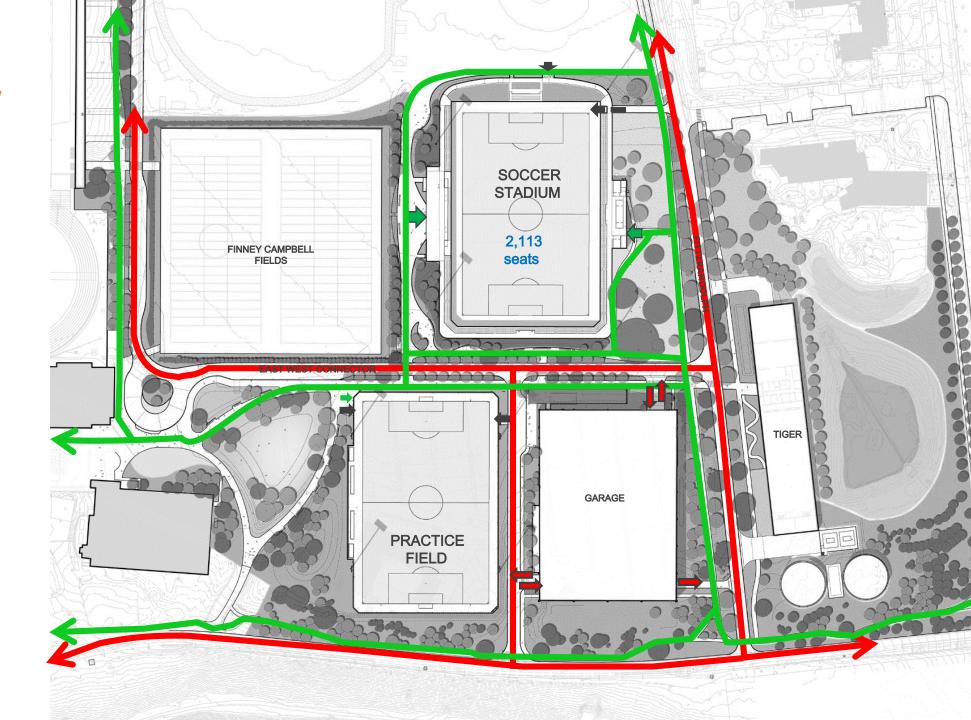






### Circulation

- Pedestrian/ Bike paths
- → Vehicular
- Service



### Circulation



Transit Hub



#### Schedule / Attendance

#### Season

- Sept-mid Nov: 20 games
- Tues-Wed-Thu-Sat-Sun
- Starting Time: 1 through 7pm typical
- 3 spring games (weekends @ noon)

#### Attendance:

- Average game <400</li>
- Post Season game: up to full capacity

#### <u>Cars</u>

- Average game <300 cars</li>
- Post Season game: up to 800 cars



### **Sports Lighting**



#### Fixture Shielding and Glare Control

**Athletic Facilities Lighting Impact Study** 



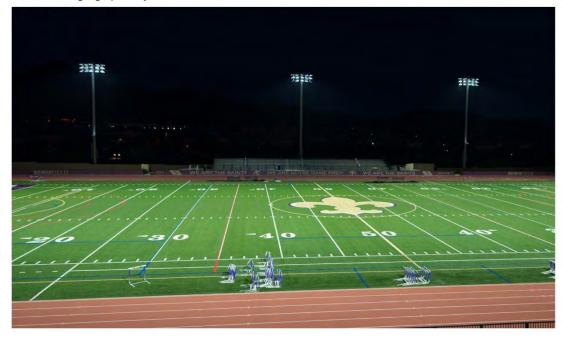
### **Sports Lighting**

Designed to meet the International Dark Skies Association criteria for protection of the night sky

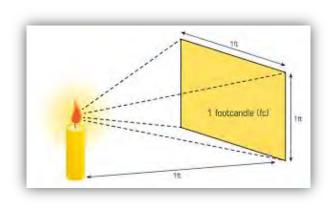
Glare Control - Before Athletic Facilities Lighting Impact Study

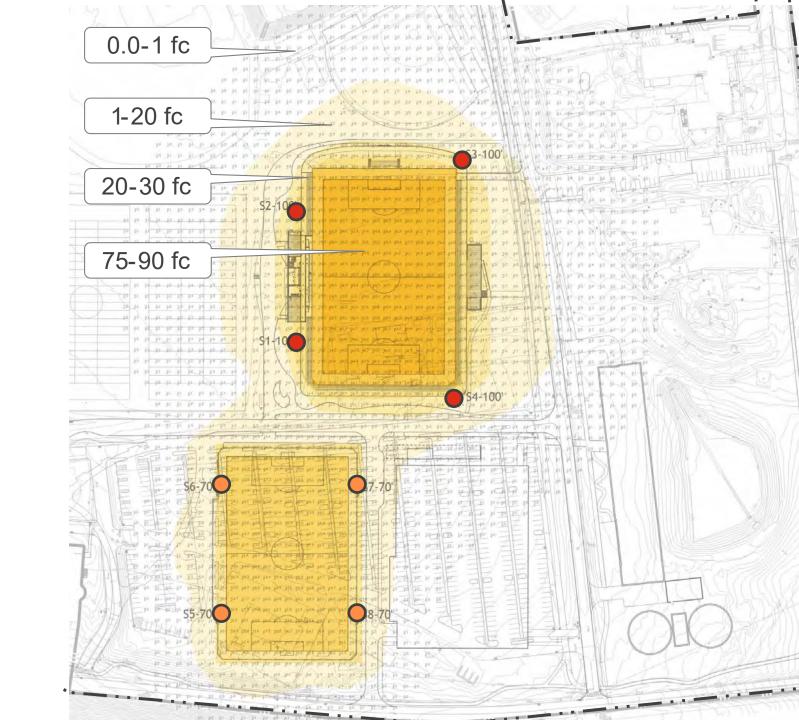


Glare Control - After Athletic Facilities Lighting Impact Study



# Sports Lighting Average foot candles







# **East Campus Construction Update**

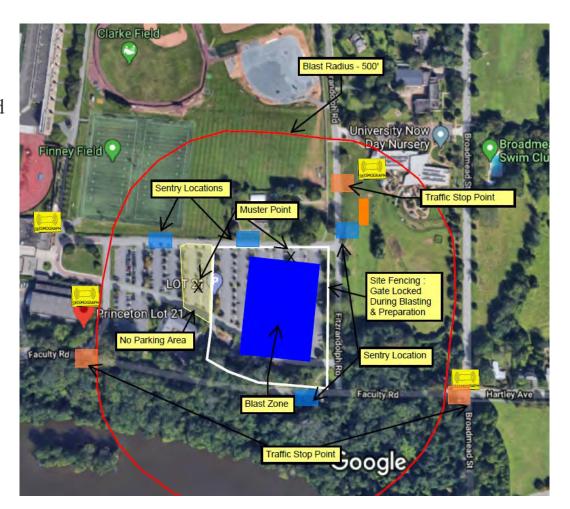
- Geo-exchange bore drilling
  - Surface drilling continues adjacent to Finney Campbell Field and along Fitzrandolph Road
  - Below surface drilling will begin in mid-August, 2020 in the area of the proposed garage and the proposed soccer stadium
  - Surface drilling on the east side of Fitzrandolph within the area on the 'east' side of the road near the UNOW Childcare Center it located) won't begin until later this year, date TBD.

# Blasting in Parking Lot 21 to excavate for geo -exchange drilling

- Blasting will be limited to the area marked in dark blue.
- Prior to each blast there will be a series of audible horn warnings; three horn warnings five minutes prior to the blast, two warnings one minute prior to the blast, and one "all clear" horn warning after the blast.
- Traffic on Faculty Road from the Lot 21 entrance to Broadmead and on Fitzrandolph from Faculty Road to the UNOW Childcare Center access road will be paused in advance of the blast.
- Seismographs will be placed approximately 500 feet from the blast site and at a private residence on Faculty Road near Harrison Street. Measurements are recorded after each blast.
- Blasting expected to continue for approximately eight weeks, concluding by the end of September 2020



- Test blast scheduled for July 28 at 1:30 pm was postponed.
  - RESCHEDULED TO FRIDAY JULY 31 AT 11:00 AM
- Information about the plan/schedule to proceed based on test blast results will be shared with neighbors



- Neighbors who live proximate to the area where blasting is taking place may contact project manager Steve Hancock (sh8@princeton.edu) to request a site inspection at their property
- We do not expect there to be any damage as a result of the blasting work, but if there were to be damage that results from the blasting, the University would be responsible for providing a remedy

- Fitzrandolph Observatory
  - Site work underway to prepare for removal of the observatory
  - Observatory expected to be removed during first three weeks of September
    - Stones from the observatory to be removed and stored for future campus use
  - Removal of the Observatory does not involve any blasting.

