

Central Hudson Training Academy

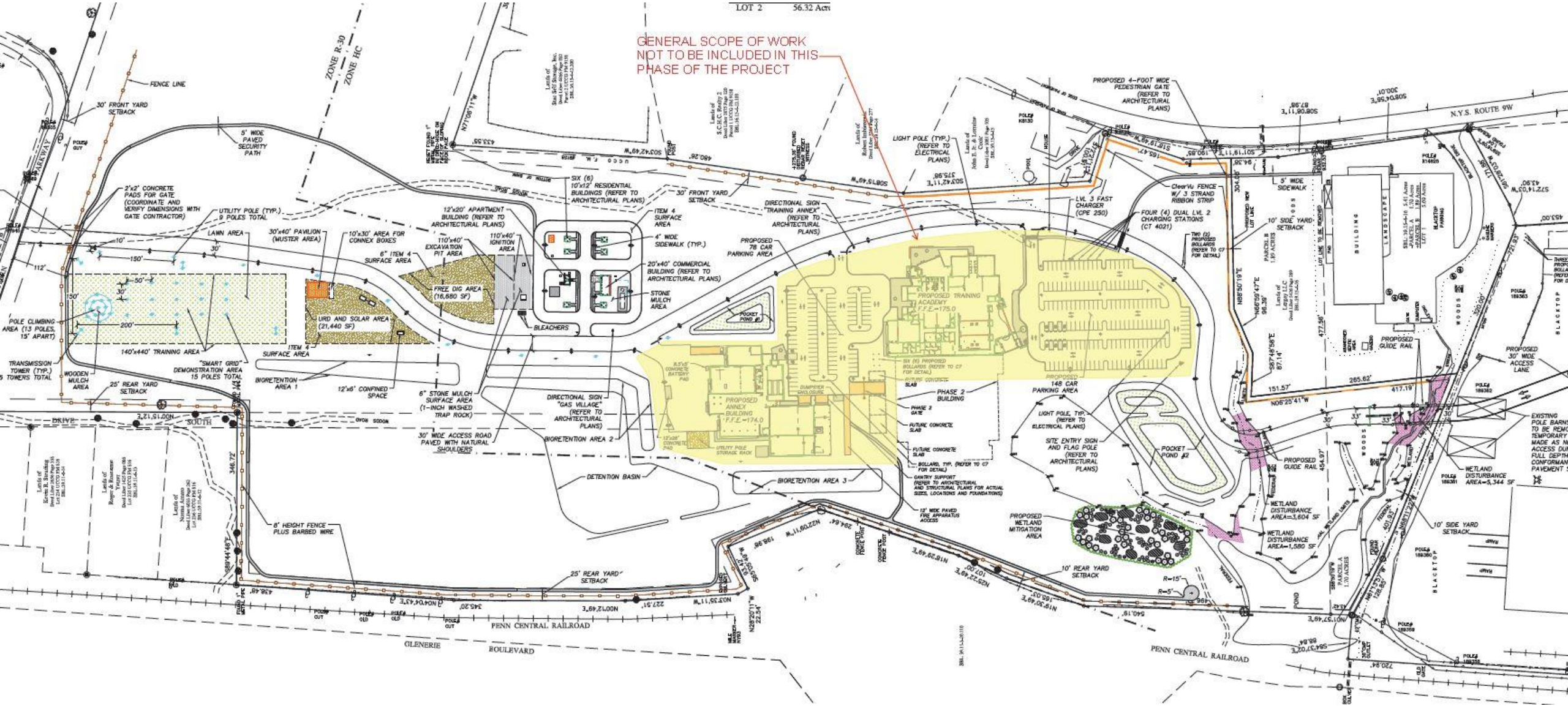
Community Meeting 9/22/21



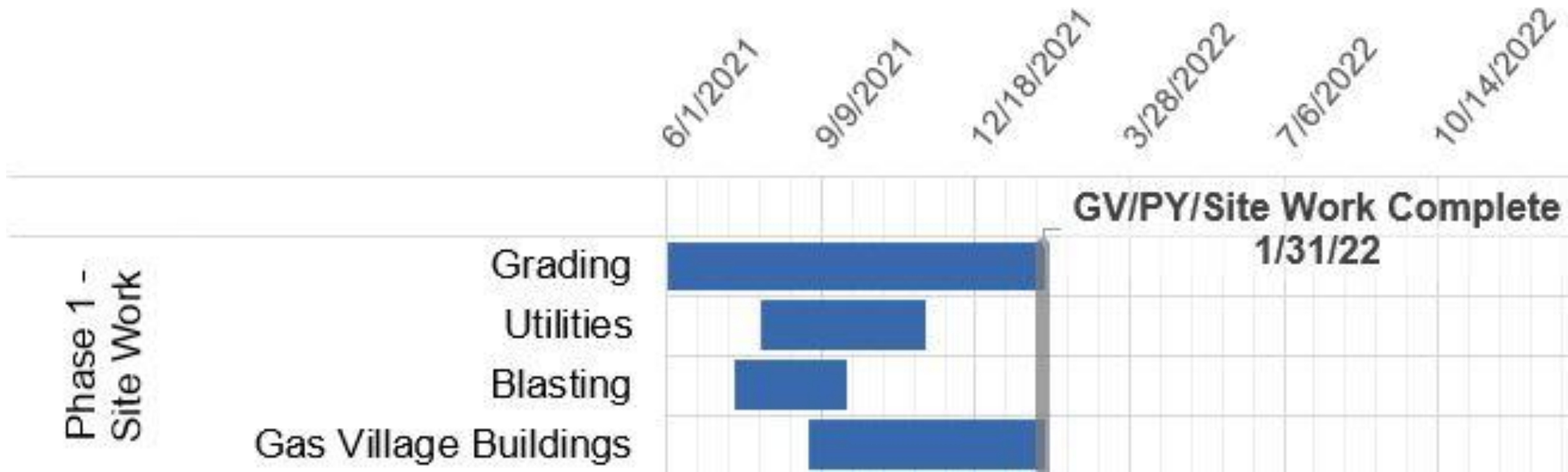
Site Plan



Site Work Construction 2021- Early 2022



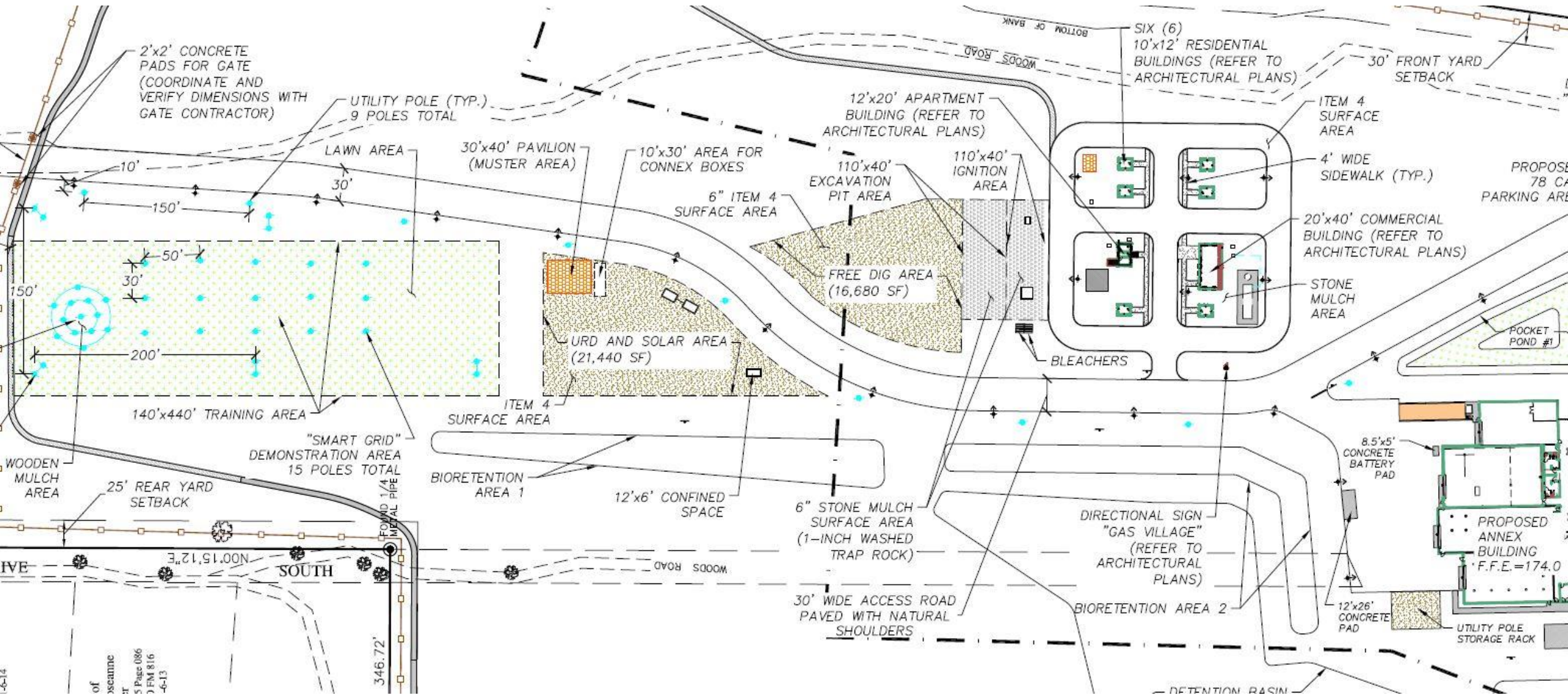
Site Work Construction Schedule



Site Plan

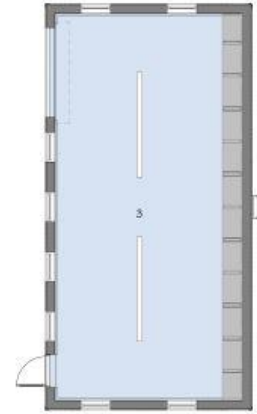


Gas Village/Pole Yard

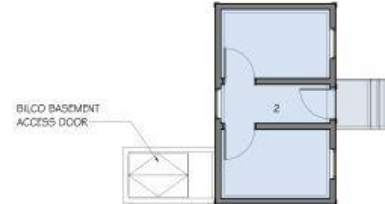


Gas Village/Pole Yard

BUILDING LEGEND
1. RESIDENTIAL TRAINING BUILDING
2. APARTMENT TRAINING BUILDING
3. COMMERCIAL TRAINING BUILDING



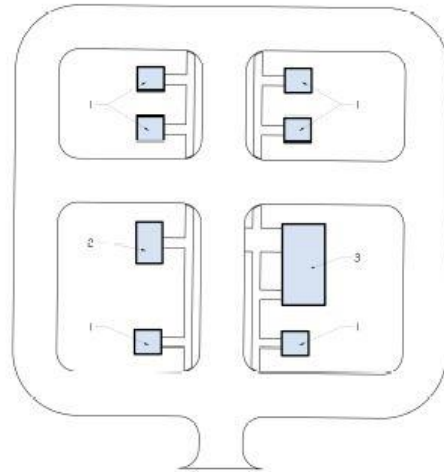
COMMERCIAL TRAINING
BUILDING FLOOR PLAN



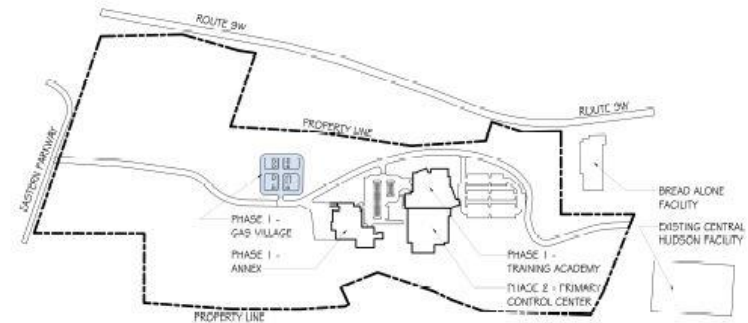
APARTMENT TRAINING
BUILDING FLOOR PLAN



RESIDENTIAL TRAINING
BUILDING FLOOR PLAN



GAS VILLAGE ENLARGED SITE PLAN

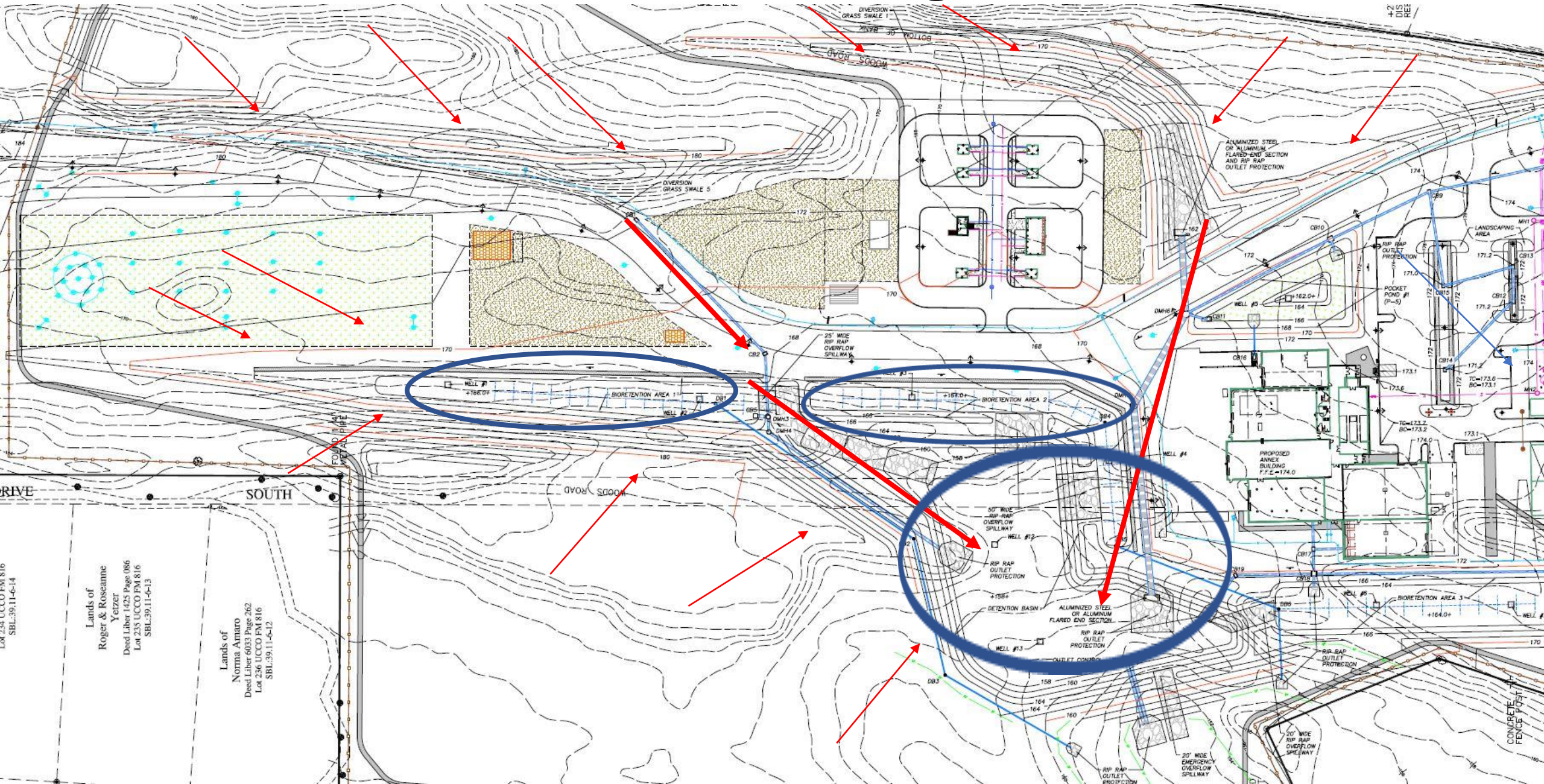


KEYPLAN
SITE PLAN

Stormwater Management

- Stormwater runoff within the project site is directed through inlets and culverts into detention basins on site. These basins are designed to mitigate post development rates of runoff.
- Consists of (3) Bio-retention areas, (2) pocket ponds and multiple diversion swales along with associated stormwater drainage materials.
- Once complete, the new storm water management system is designed to provide better protection against extensive rainfall events than existed on the site prior to the project.

Stormwater Management



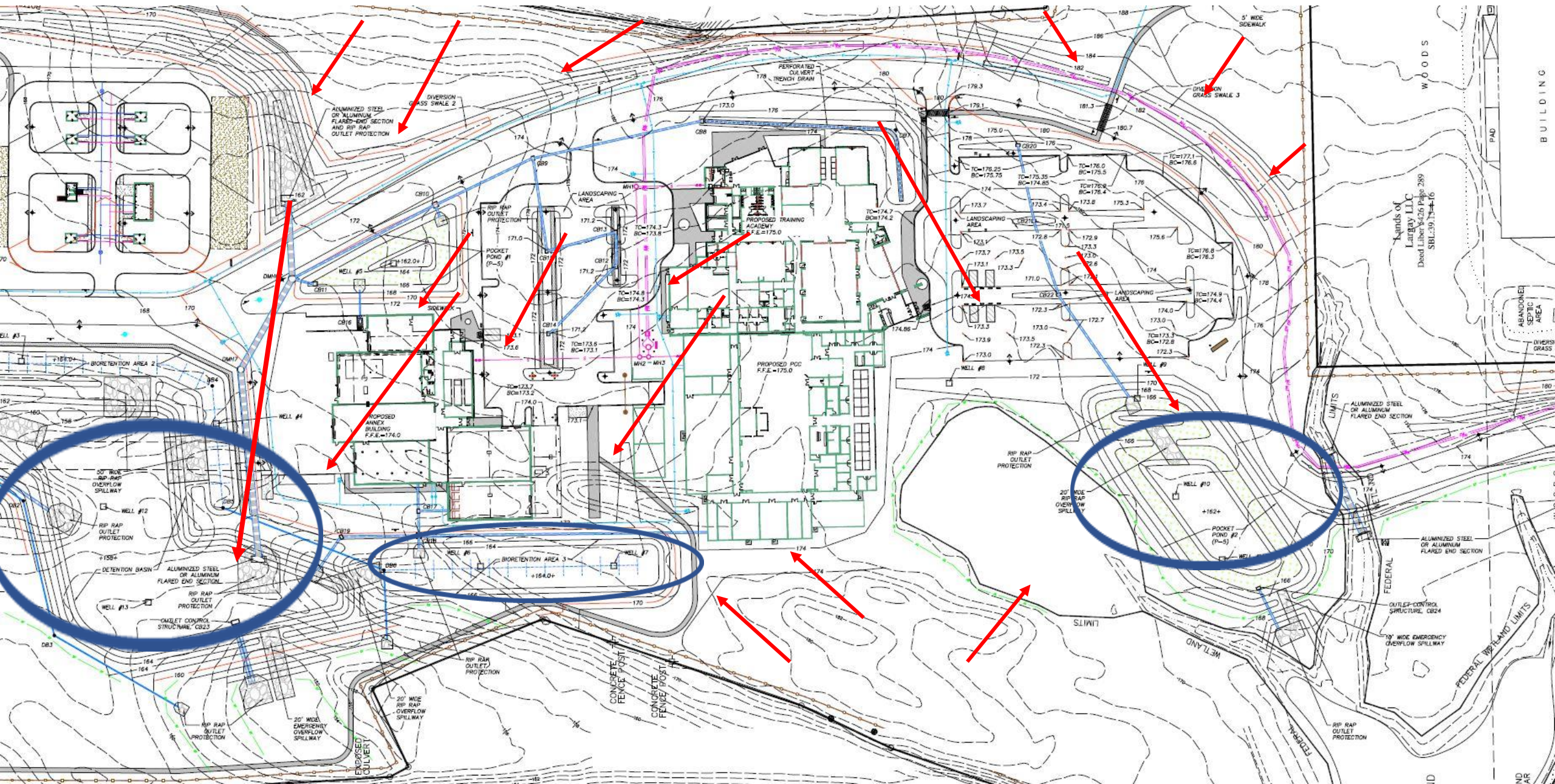
LM 234 UCCO FM 816
SBL:39.11-6-14

Lands of
Roger & Roseanne
Yetzer
Deed Liber 6425 Page 086
Lot 235 UCCO FM 816
SBL:39.11-6-13

Lands of
Norma Amaro
Deed Liber 6033 Page 262
Lot 236 UCCO FM 816
SBL:39.11-6-12

CONCRETE
FENCE POST

Stormwater Management



Site Lighting

Dimensions – Post Top Luminaire

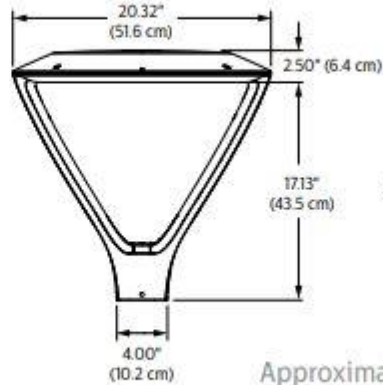
Effective Projected Area ft² / m²

| | |
|------|---|
| Type | Single |
| PPT | 0.35 ft ² /0.032m ² |

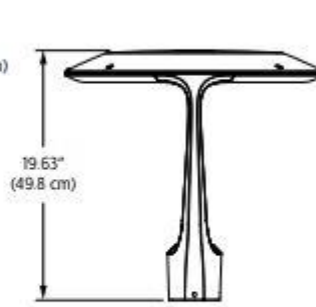
Approximate Motion
Sensor Placement



Front View



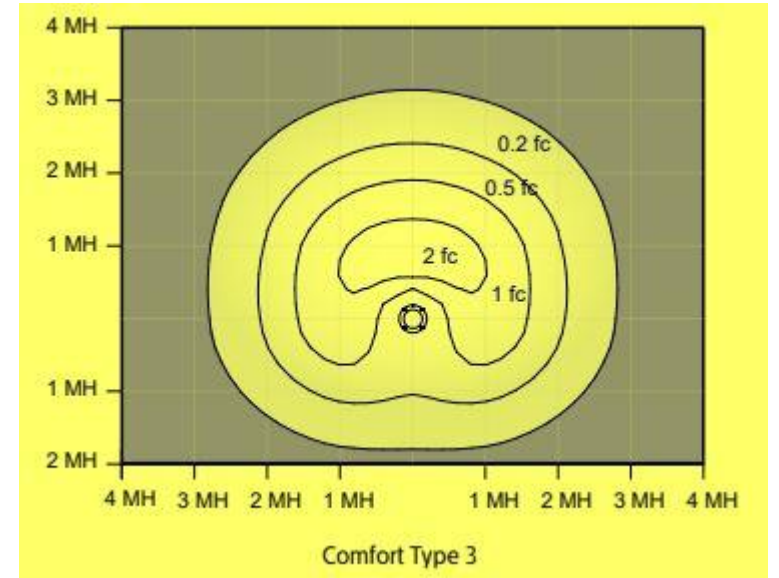
Side View



Approximate Luminaire Weight:

Standard: 20 lbs (9.1 kg)

With battery pack: 26 lbs (11.8 kg)

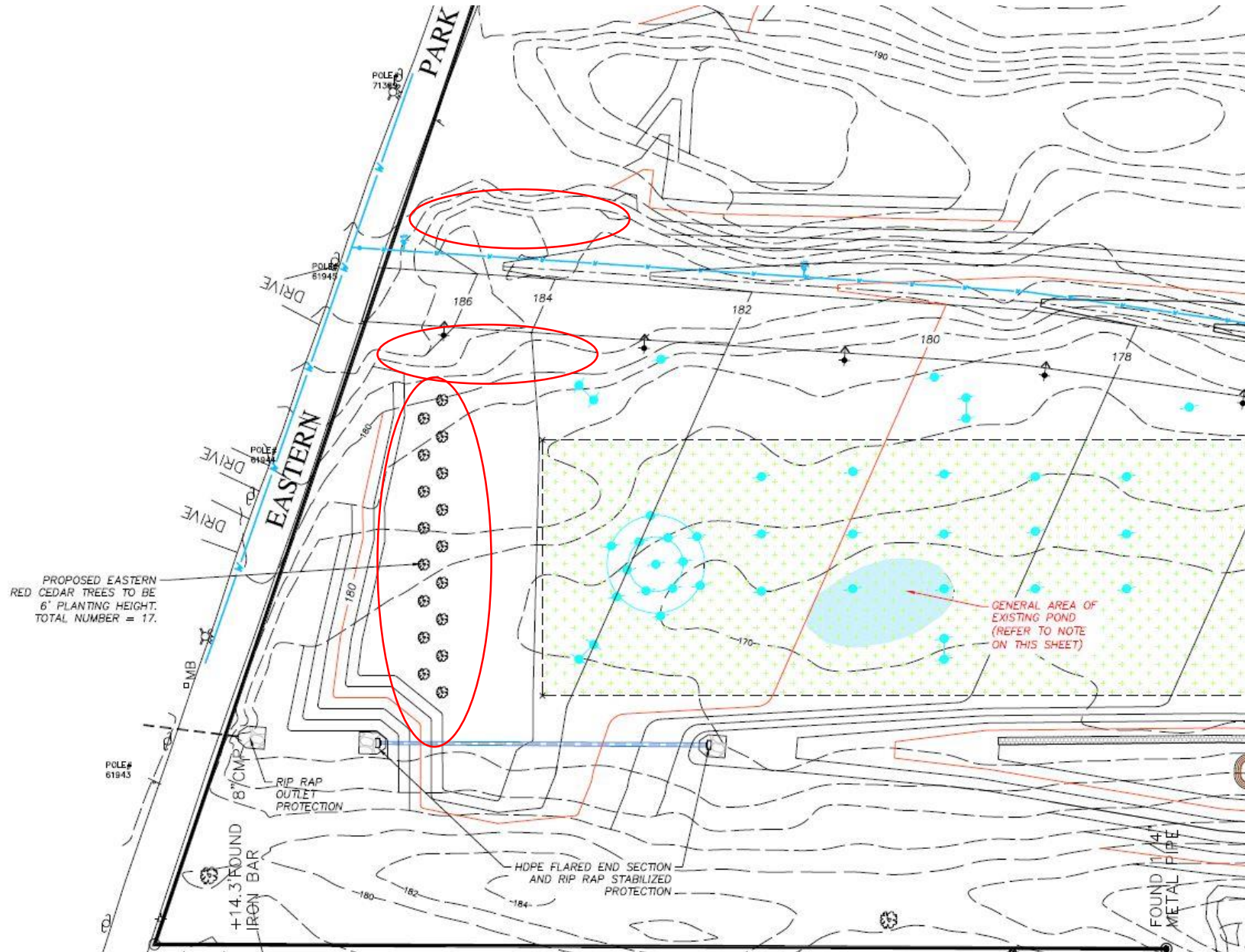


- Downward facing LED area lights along site roadway
- Motion Sensor – dims to 50 %



Views From Eastern Pkwy

Berm Plan



Views From Eastern Pkwy

Berm Behind Existing Trees



Views From Eastern Pkwy

Berm with Existing Trees Remaining



Primary Control Center (PCC)/Training Academy/Annex



Site Plan



LANDS OF
D E O T
S D J O H N S O N
2596 PAGE 062 DEED LIBER 2096 PAGE 033 DEED LIBER 1425 PAGE 009 DEED LIBER 0033 PAGE 262
000 FM 516 LOT 224 0000 FM 516 LOT 225 0000 FM 516 LOT 226 0000 FM 516 LOT 228 0000 FM 516
9.11+15 SBL:39.11+14 SBL:39.11+13 SBL:39.11+12

LANDS OF
K E V I N A S T E I N D I N G
ROGER S ROSEN MEYETZER
LIBER 1425 PAGE 009 DEED LIBER 0033 PAGE 262
000 FM 516 LOT 224 0000 FM 516 LOT 225 0000 FM 516 LOT 226 0000 FM 516 LOT 228 0000 FM 516
9.11+14 SBL:39.11+14 SBL:39.11+13 SBL:39.11+12

LANDS OF
R O G E R S R O S E N M E Y E T Z E R
LIBER 1425 PAGE 009 DEED LIBER 0033 PAGE 262
000 FM 516 LOT 224 0000 FM 516 LOT 225 0000 FM 516 LOT 226 0000 FM 516 LOT 228 0000 FM 516
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LANDS OF
N O R M A A M A R O
LIBER 0033 PAGE 262
000 FM 516 LOT 224 0000 FM 516 LOT 225 0000 FM 516 LOT 226 0000 FM 516 LOT 228 0000 FM 516
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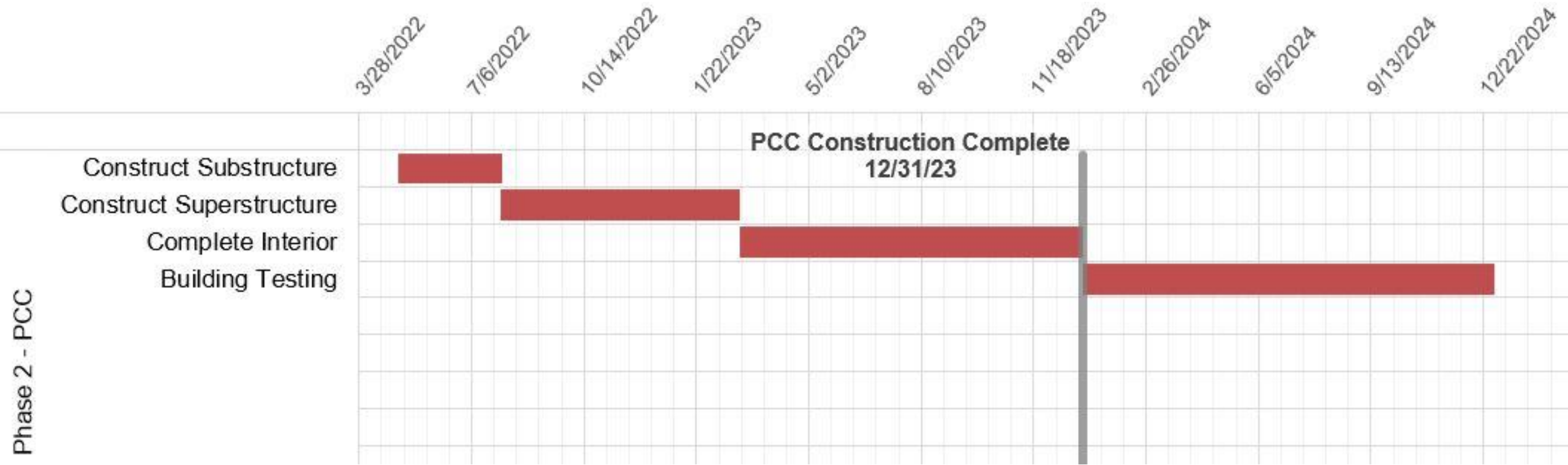
Primary Control Center (PCC)/Training Academy/Annex



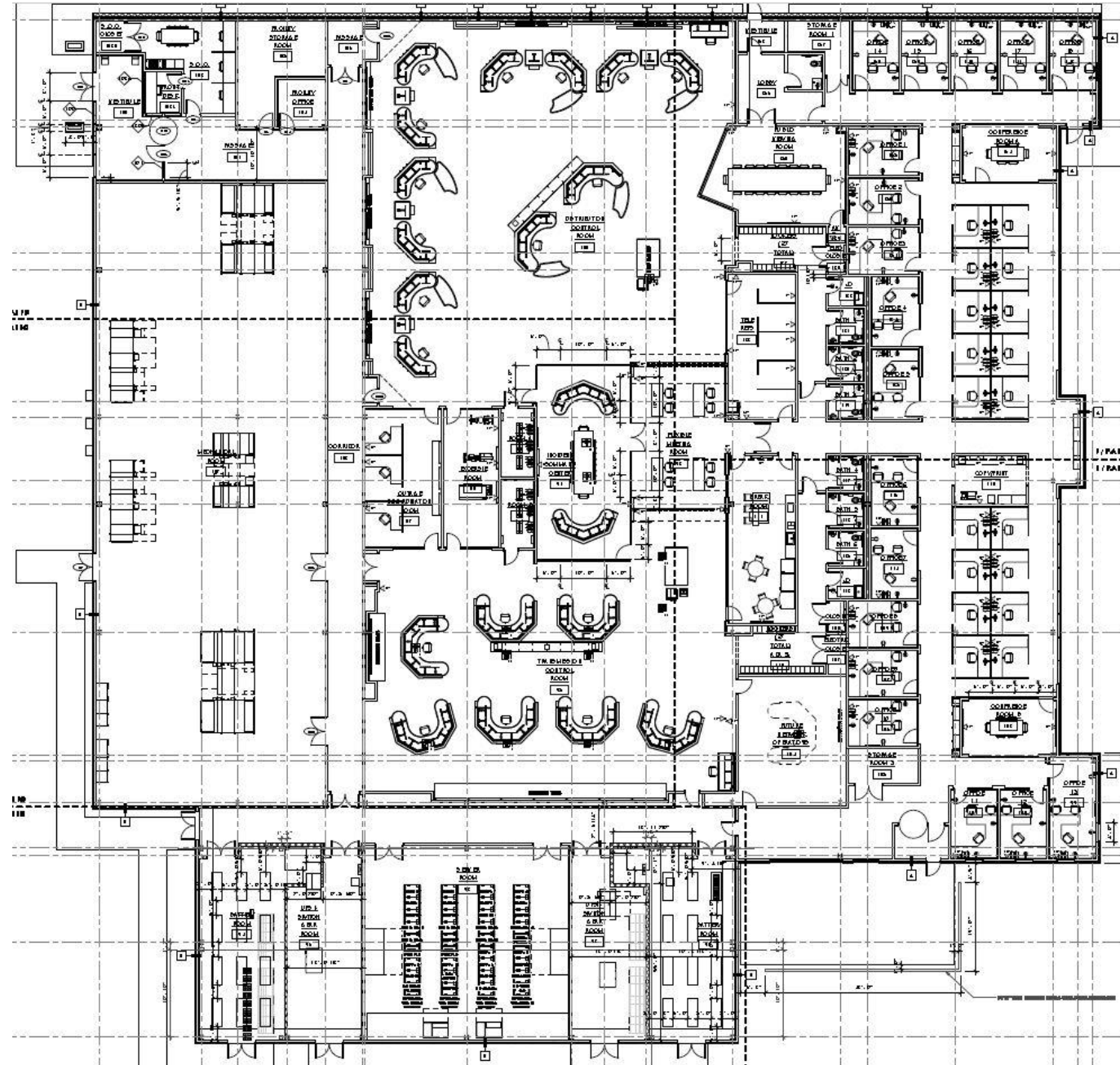
Primary Control Center (PCC)

- Construction to begin mid-2022 and continue through the end of 2023
- Building testing taking place 2024, in service by year end
- Includes both Transmission System Operations and Distribution Dispatch Center, data centers for EMS & DMS servers as well as office space, conference rooms and training areas.
- ‘Brain’ of the electric and natural gas distribution systems
 - Smart devices, valves, DMS (Distribution Management System), EMS (Emergency Management System)
- PSC mandated
- 24/7 operation

Construction Schedule - PCC



Primary Control Center (PCC)



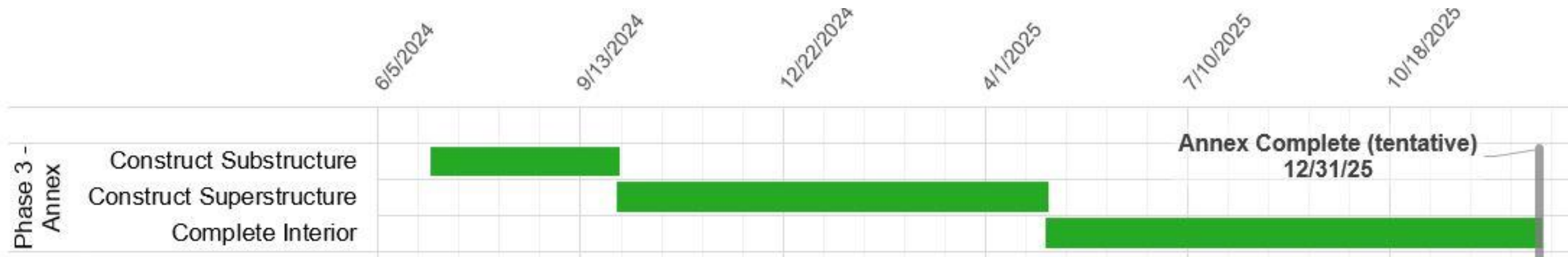
Site Plan - Annex



Annex

- Wide open building, similar to a warehouse
- Allows for training during inclement weather and the winter months
- Provides space for many different departments to conduct job specific training and exercises

Construction Schedule - Annex

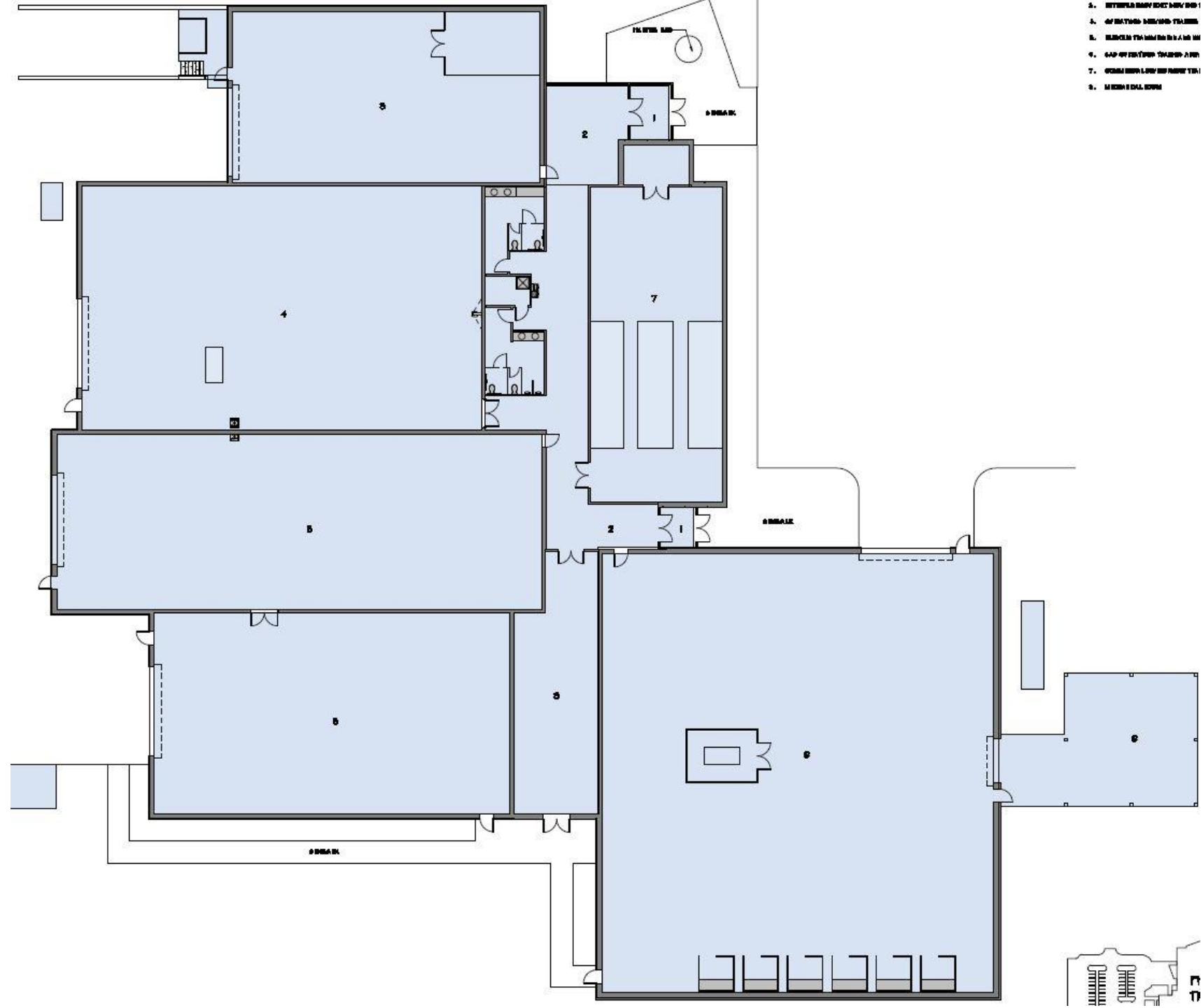


Annex

- 1. ENTRANCE
- 2. LOBBY
- 3. ENTERPRISE SUPPORT SERVICES TRAINING AREA
- 4. OPERATIONS SERVICES TRAINING AREA
- 5. ELECTRIC TRANSMISSION AND DISTRIBUTION TRAINING AREA
- 6. GAS OPERATIONS TRAINING AREA
- 7. COMMERCIAL DEVELOPMENT TRAINING AREA
- 8. MECHANICAL ROOM

ROOM LEGEND

- 1. ENTRANCE
- 2. LOBBY
- 3. ENTERPRISE SUPPORT SERVICES TRAINING AREA
- 4. OPERATIONS SERVICES TRAINING AREA
- 5. ELECTRIC TRANSMISSION AND DISTRIBUTION TRAINING AREA
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- 8. MECHANICAL ROOM



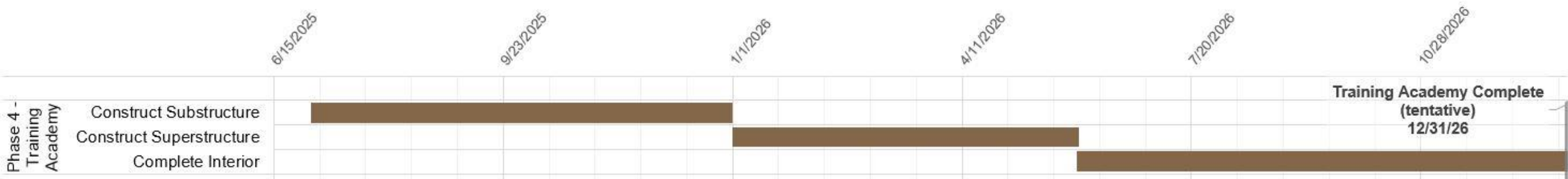
Site Plan – Training Academy



Training Academy

- Provides space for large groups
- Meeting/Conference Rooms
- Auditoriums
- Can be used for any type of classroom training including reviewing standards, safety briefings, mutual aid meeting areas
- Offered to local fire departments to use to provide additional training to them on electric and natural gas emergencies

Construction Schedule – Training Academy



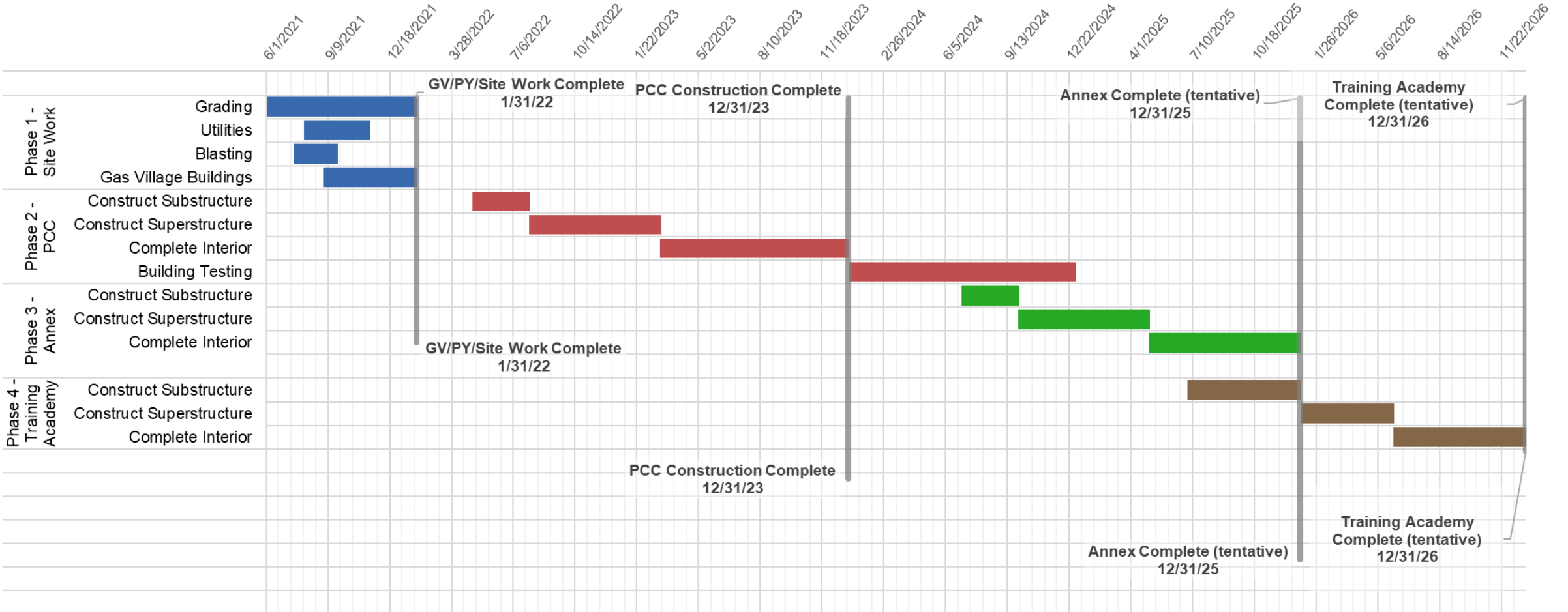
Training Academy



- SMALL NUMBER**
1. ENTRANCE
 2. LOBBY
 3. LARGE CONFERENCE ROOM
 4. TRAINING ROOM
 5. OFFICE SUITE
 6. CONFERENCE ROOM
 7. VENDING AREA / SEATING
 8. KITCHEN
 9. RECEIVING
 10. STORAGE
 11. LOCKERS
 12. COMMUNICATIONS
 13. MECHANICAL ROOM

- ROOM LEGEND**
1. ENTRANCE
 2. LOBBY
 3. LARGE CONFERENCE ROOM
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Construction Schedule - Overall



Neighborhood Project Benefits

- Enhanced electric service reliability due to the critical nature of the Primary Control Center (reconductoring Eastern Pkwy to 3-phase).
- Improvements to the local water infrastructure as a result of the new facility, that will provide redundancy in the local water system to provide continuous service during an emergency.
- Increase tax base for the Town of Ulster.
- Increase in jobs in Ulster County.
- Additional patronage to area businesses.