

PROGRAM VERIFICATION & SCHEMATIC DESIGN PHASES REPORT

SUNY OSWEGO GATEWAYS & EXTERIOR SIGNAGE

OSWEGO STATE UNIVERSITY OF NEW YORK

PROJECT NO. 10325A

MAY 3, 2013

Prepared by: Environmental Design & Research, Landscape Architecture and Engineering

Sub-consultant: Mitchell Associates

SUNY OSWEGO GATEWAYS & EXTERIOR SIGNAGE

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INTRODUCTION

SUNY Oswego is a 690 acre campus bound on the north by Lake Ontario and on the east and south by the City of Oswego. There are over 30 designated parking areas and 58 buildings served by 8.9 miles of campus and city streets. The 8.9 mile campus circulation system is primarily accessed at four major points ("Gateways"). While the southwest gateway is designated as the main entrance, the east gateway is the historic entrance to campus. The northwest gateway is primarily used by commuters coming from the west; the southeast gateway is the entrance to Laker Athletic Campus. Students and visitors with more than cursory knowledge of the campus and city enter and exit all four gateways based on destination.

Currently, there is limited directional signage on the campus. The existing signage is not unified visually and does not provide direction at every decision point or continuous reinforcement en-route to a destination. While there is a very good campus map available from parking services, the office itself is poorly signed and located. At great disadvantage are first time and infrequent visitors, parents, entering freshmen and visitors to special events.

The purpose of this commission is to provide the signage required to direct visitors, regardless of entry point, to the appropriate parking area and once they are on foot, to the desired building or event venue. Additionally, the four gateways are to be marked with signage and landscape features that will signify that they are the major entrance points to the campus.

PROGRAM VERIFICATION PHASE

The initial meeting took place on May 15, 2012 with **edr**, their consultant, Mitchell Associates, and SUNY Oswego facilities Design & Construction personnel. Previous studies were reviewed. Significant progress had been made on location and context (messages) by Mitchell under a prior contract. The process of revising the Mitchell document began; consistency of terminology, levels of detail and amount of information per sign were addressed. At the same meeting SUNY Oswego made available previous studies, master plan documents, and the scope of near term construction projects that would impact the signage study.

A driving tour of the campus was conducted with SUNY Oswego personnel. **edr** performed more extensive walking tours in June and September 2012 to become familiar with and document existing site conditions.

An initial project schedule was submitted at the 5/12/12 kick-off meeting (Attachment A 1). Following the June 2012 walking tour an analysis of existing conditions and program understanding was documented in plan (Attachment A 32).

SCHEMATIC DESIGN PHASE

Arrangement and content (messages) of vehicular signage design from the May 15, 2012 meeting was progressed by email until culmination in the map, prepared by Mitchell, submitted on August 30, 2012 (Attachment A 44). Note that this arrangement of signs and their messages are currently under review by the college and subject to revision.

The physical design of signs and the identification of sign types required was begun under two previous contracts (dated February 25, 2011 and December 1, 2011) and then further progressed under this contract. A family of 14 sign types was developed in order to provide a complete directional guide – vehicular and pedestrian. Multiple material combinations and styles were investigated ranging from traditional to contemporary. Given the wide range of architectural styles on campus, the preferred schemes were contemporary and simple in order to minimize stylistic contrasts. Colors and materials were selected to recall the campus' location on Lake Ontario. Options for signage types preceding the selection of final sign types continued to be revised in response to SUNY Oswego comments. SUCF (Tom Simmonds) memo dated March 11, 2013 (attachment A 8) notes approval of final concepts. The evolution of sign types are illustrated in Attachments A 38 – A 52.

At the same time the physical design type concepts were being studied, **edr** was investigating alternate layouts of streets, walks, bike lanes and crossings in the gateway locations (Attachments A 33 – A 37). The final configuration of roadway (proposed rotary) at the intersection of Washington Boulevard and Sheldon Avenue is still under study.

The project schedule has been impacted by changes in SUNY Oswego personnel and longer than anticipated lead times for fabrication of prototype signs. At the conclusion of schematic design the project schedule has been updated (see attachment A 30)

A schematic level cost estimate (Attachment A 31) was prepared based on the sign layout developed as part of this phase and preliminary costs developed by a potential fabrication of prototypical signs. The schematic level cost estimate exceeds the budget for construction of signs. Once final content is received from the college and the count of each sign type is finalized, signage may have to be prioritized and quantities reduced.

APPENDIX



meeting agenda & project schedule

Date: May 15 & 16, 2012 **edr Project No:** 11017
Reference: SUNY Oswego Gateways & Signage Project

Agenda:

Day 1- Tuesday

1. Review the project milestone schedule.
2. Review the gateway plans to verify the desired amenities at each. Review any discussions that Tom has had with the City.
3. Review the latest signage family concepts and discuss any final revisions.
4. Review the "Vehicular Directionals" package (9/6/11) including content and locations.
5. Site walk (time permitting).

Day 2- Wednesday

1. Develop content and locations for pedestrian signage.
2. Site walk (time permitting).

Project Milestone Schedule:

May 15 - June 29: 2-day project kick-off meetings and field work w/Mitchell. Complete Programming/content verification phase and prepare Program Phase Report.

July 2 – July 27: Schematic Design Phase; prepare Schematic Design Report.

July 30 – Oct 12: Design Manual Phase.

Sept: Submit gateways plans to City of Oswego Planning Board for meeting on 9/11/12.

Oct 15 - Jan 4: Submit Design Manual Report and start Construction Document Phase.

Jan 7 – Feb 1: Submit Pre-Bid Report (four week review period).

Feb 15: Advertise Bid.

April 1: Award Bid.

April 15: Start Construction.

August 15: Complete Construction.



meeting minutes

Date: January 23, 2013 **edr Project No:** 11017
Reference: SUNY Oswego Signage Project
Present: Mitch Fields, SUNY Oswego
Tom Simmonds, consultant to SUNY Oswego
Eric Schmitt, Mitchell (by phone)
Rob Seeley, edr
Joe Falco, edr
Cort Read, edr

Comments:

Sign Content

1. Mitch will be edr's contact for signage content/messages. Signage committee to meet on 1/25 to review content. Tom will be edr's contact for sign design and construction. Communication to be through Mitch.
2. edr to send Mitch and Tom Janine's mark-ups of signage content; edr to send Eric's sign details to Tom.
3. As you enter the campus, signage content will start by directing drivers to the campus communities and will become more site specific as the destination draws closer. Content per sign is likely to increase, and possibly the quantity of signs, following the 1/25 meeting.
4. There should be a kiosk with a map at every parking area.
5. Visitor and commuter parking will be south of the pedestrian spine; faculty/staff parking will be north of the pedestrian spine. Goal would be to eliminate need for the temp signs for events as much as possible for an operational setup concern.
6. "Quad" is understood to mean academic; "community" is understood to mean residential.

Sign Design and Construction

1. Gateway and obelisk signs will not have vinyl lettering; will have permanent raised lettering.
2. It was discussed that the vertical obelisk signs were originally designed in the signage concept family to serve as a repetitive visual element/marker on the 'connective corridor' along Washington Street between Sheldon Hall and Route 104. The corridor would serve to visually strengthen the physical connection between the City and the College.
3. Mitch questioned UV resistance of 3form material. edr/Mitchell to research further.
4. Posts and "waves" to be brushed aluminum.
5. It was discussed that the building ID signs could vary for different buildings based on varying building character and surrounding conditions. Tom suggested using the vertically oriented ID signs in Hewitt Quad due to the significant existing hardscape.
6. Tom to send SEI building and Campus Center signs to edr for coordination.

7. **edr** to do concept for sign with digital display. Digital display sign to be located south of rte. 104 opposite the main entrance gateway sign. **edr** to update simulation to reflect current gateway sign with stone walls and the digital display sign.
8. Tom requested **edr** to update all of the gateway simulations for presentation to the signage committee.
9. **edr** to design smaller version of gateway sign to be used at secondary gateways. Reduced size version to be used at Sheldon Hall, located on top of or in the existing bank. Assume that the utility pole at Sheldon/Washington Streets is removed.
10. Tom would like to have a future discussion about building mounted identification that is not currently in **edr's** scope for this project.

RFP for Prototypes

1. SUNY requires min. 3 bids; a non-response counts as a bid.
2. Bidders must be able to do business in N.Y.
3. Assuming that no proprietary materials or methods are used in preparation of prototypes; fabricators ARE allowed to bid on the signage construction package – they are viewed as a “designer” rather than a “fabricator”.
4. Selection to be based on “most highly qualified”; “fair and reasonable” is a secondary consideration. **edr** to make recommendation for award to SUNY Oswego.
5. Upon award of the prototype contract, SUNY Oswego will amend **edr's** contract to include the cost for the prototype production work.
6. **edr** to prepare draft RFP for Mitch's review.
7. The lead time for prototype production, delivery, review, and approval is unknown and therefore not accounted for in **edr's** updated project schedule.

Program Phase Report

1. Informal meetings with NYSDOT and City will be the only regulatory requirements. No permits are required for the project.
2. Phase Reports shall consist of the project drawings for each design phase and shall be submitted as pdf's plus 6 hard copies (11" X 17" format).

Copies To: all present

These meeting minutes have been prepared by **Rob Seeley** of **edr**. If there are any discrepancies, please notify our office within three business days of receipt.

Thomas R Simmonds

Planning | Design | Construction

(315) 532-3887
tsimm9@gmail.com
357 Lakeshore Road Oswego, New York 13126

Space matters... make the connection

Design Review Exterior Signage Concepts

23 Jan 2013

edr Companies / Mitchell Associates
SUNY Oswego Exterior Signage

Design Review TRS– Exterior Signage Concepts 04.27.12 edr Companies

1. Revised design options capture earlier feedback on original design options and composites from 02.23.12 through draft for review.
2. Gateway design themes communicated were as follows:
 - a. Gateways – Stone spread elements would be used to complement typical metal, glass and concrete pedestal elements. Preference is for larger laid dry stack feel, but fixed/mortared to ensure durability. This stone would aid as gateway site transition walls to bracket zones and create vocabulary for identifiers.
 - b. Gateways will be :
 1. Main 104/Sweet Entry – both sides of 104 Anchor w/support
 2. Washington Blvd/Sheldon – anchored Sheldon corner and intersection elements
 3. Laker Athletic Complex/104 & Barnes Dr
 4. Lakefront / Rudolph Rd as enter campus CRT 85
 - c. Gateways were the weak points of some earlier design themes and have improved w level of comfort. Portraying culture...
 - d. Need to explore possibility of LED sign panel component in one of the gateways. Either Main 104 or Laker Athletic gateways. Needs to be very collegiate and not-event ctr feel. See examples of Univ of South Florida/others.
 - e. Connections of possible fabrication were discussed with edr/Mitchell to review and offer thoughts. Weather tightness, access for lighting, seams for dimensional sizes, etc were discussed.
 - f. Colors for internal profile light flood were reviewed with a color group provided by the college. (grays, greens, tones from SEI environ graphic family)

g. edr to provide an updated lighting mockup to portray light feel within recommended glass/ frosting/ etc.

3. Guiding principle of parking access is:

- Visitor and commuting in/out traffic South of pedestrian spine
- Employee and residential traffic North of pedestrian spine

Avoids internal searches for available spots and pedestrian/vehicular conflicts.

4. Need for consultant team to label categories of exterior sign family to aid in communicating concept: Gateways, Gateways secondary and Obelisk landmarks, Vehicular/Directional, Building Identification, , Street and DOT, Vehicular/Parking, Pedestrian Directional, Campus Maps

5. Design comments for exterior signs general:

- i. Need to understand components further. Glass, metal, lettering, imagery
- ii. Green glass; appearance; any frosting; what surface;
- iii. Lettering vinyl applied or Screen printed; front or rear of first glass surface;
- iv. Imagery applied how and where
- v. Metal brushed aluminum? Stainless?

6. Fabrication thoughts/comments

- i. water shedding; assembly points; wave metal edge bottom, offset?
- ii. Which ones light internally, others anything reflective? How will glass read with headlights.
- iii. Posts on parking signs; durability and not racking from single side.
- iv. Snow heights

7. Signature, portray future vision, collegiate, unique...

8. Samples... materials, lighting, fabrication details and connections

Thomas R Simmonds

Planning | Design | Construction

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357 Lakeshore Road Oswego, New York 13126

Space matters... make the connection

Design Review Exterior Signage Concepts

13 Feb 2013

edr Companies / Mitchell Associates
SUNY Oswego Exterior Signage

Design Review TRS– Exterior Signage Concepts 02.13.13 edr Companies

Follow up items for TRS: Review Nick and Mitch ; confirm direction. Priority

1. Materials for Exterior Signage and Gateways:

- a. Need to confirm materials in order to advance to fabricated prototypes as part of schematic/ design development submission. (materials, design and lighting)
- b. Gateways: Light green frosted glass, black raised lettering, LED internal light glow transition, brushed aluminum metal detailing, concrete or gray precast color base. Laid stone elements and surrounding wing walls, with natural grasses. Feel of old style frosted glass with a modern, future, sustainable, signature appearance.
- c. Exterior other types: 3m light green acrylic to match frosted glass appearance, black vinyl lettering, unlit, brushed aluminum detailing, gray concrete base.
- d. Thought is school colors dark green/gold would be communicated through supporting banners and information kiosks, not on exterior signs.
- e. Confirm again... use of cupola as design element used outside of graphic standard approach.
- f. Edr will update the A-3 obelisks to reflect the collegiate history communication theme from earlier review

2. Review Gateways:

- a. Gateways will be

Type A :

- a. Main 104/Sweet Entry – both sides of 104 Anchor w/support

Type A -1:

2. Washington Blvd/Sheldon – anchored Sheldon
3. Laker Athletic Complex/104 & Barnes Dr
4. Lakefront / Rudolph Rd as enter campus CRt 85

Review drawings of concepts (gateways).

- b. Review possible LED sign panel component at main entry south wing. edr completed concepts for review.

3. Concern administratively support of guiding principle of parking access is:
 - Visitor and commuting in/out traffic South of pedestrian spine
 - Employee and residential traffic North of pedestrian spine

Avoids internal searches for available spots and pedestrian/vehicular conflicts.

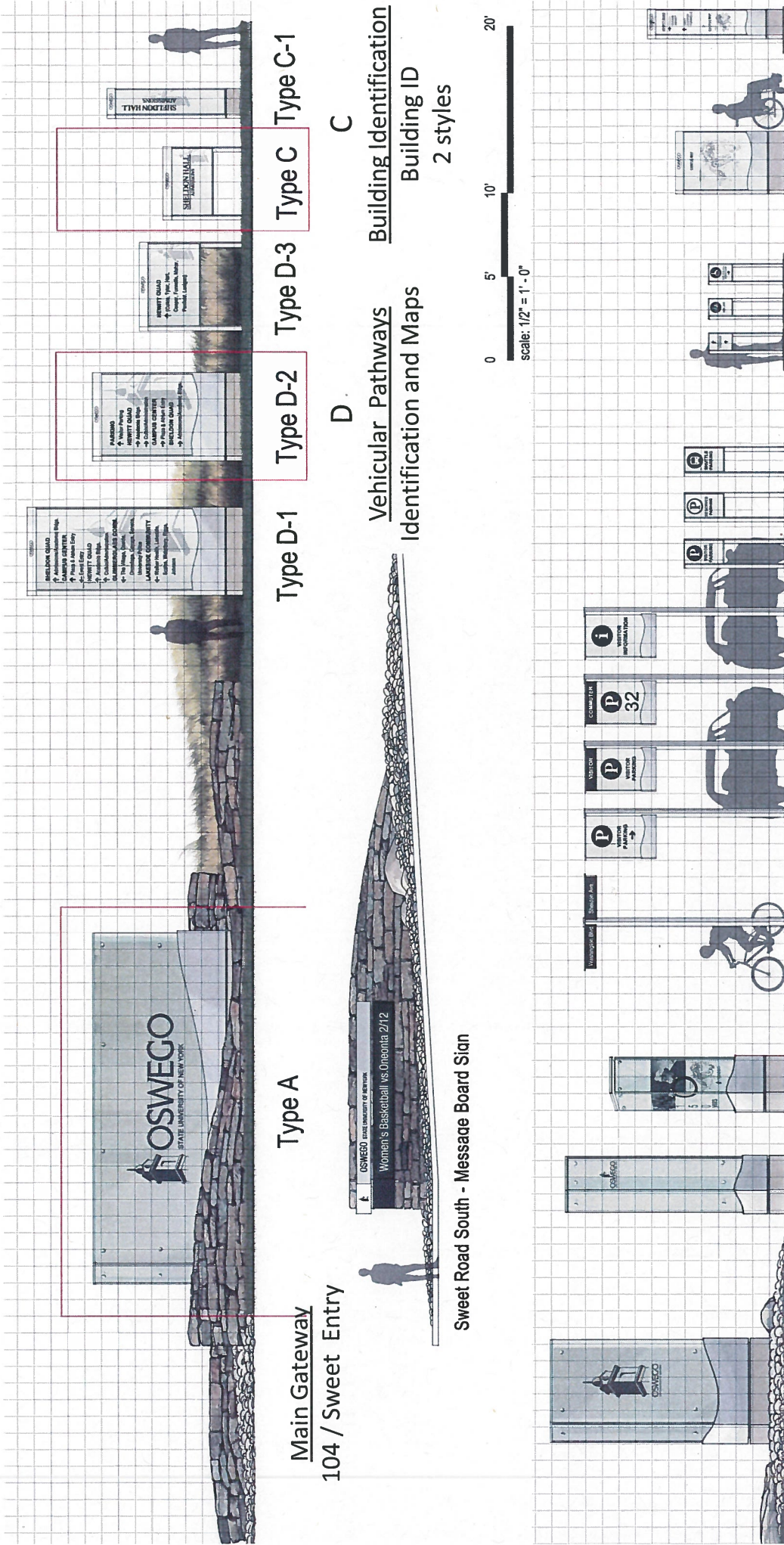
4. TRS reviewed components of the ECA for sign prototypes being solicited by edr. Direction given on terminology and intent. Mitch/Tom to review draft when edr updates.
5. TRS reviewed intent for S|E|I monument sign, along with SOE site wall. Also reviewed thoughts behind possible Campus Center monument sign. Campus needs to review and provide direction regarding the following:
 - a. S|E|I monument sign is happening as part of sciences project and is being finalized on design detailing, naming
 - b. SOE site wall is happening as part of Education project
 - c. Unsure if Campus Center monument sign is desired as part of the 13/14 plan??
 - d. Sheldon zone front will have updated plaza zone by founders statue
6. Washington Blvd Corridor
 - a. Confirm importance of completing Washington Blvd connecting corridor as part of east campus reconstruction, or JUST some new sidewalks and signs as reopens completely.
 - b. TRS was pushing for complete new walk, fixtures, bike path from college property line past Mackin to CC turn, and working with City to complete down balance of the hill.
7. TRS to provide edr:
 1. Verify design intent and decisions explained in 1-6
 2. Work with edr to communicate material recommendations
 3. Send completed east campus overall landscape plan
 4. Review ECA format and possible examples
8. edr to provide TRS asap to allow for campus review outlined in item 7:
 1. Updated signage types with A-3 obelisk portraying campus culture, not just logo. As communicated earlier.
 2. Main gateway with digital element to be rendered into overall site plan.
 3. Sheldon gateway, along with other secondary gateway to be portrayed on drawings. (past overall macro gateway plan and sheldon image revised.

Exterior and Gateway Signage Project: Administrative Review Items – March 6/7 2013

Direction 3/11/13 MFields via TRS

- Materials for Exterior Signage and Gateways:
 - Need to confirm materials in order to advance to fabricated prototypes as part of schematic/ design development submission. (materials, design and lighting)
 - Gateways: Light green frosted glass, black raised lettering, LED internal light glow transition, brushed aluminum metal detailing, concrete or gray precast color base. Laid stone elements and surrounding wing walls, with natural grasses. Feel of old style frosted glass with a modern, future, sustainable, signature appearance.
 - Exterior other types: 3m light green acrylic to match frosted glass appearance, black vinyl lettering, unlit, brushed aluminum detailing, gray concrete base.
 - Thought is school colors dark green/gold would be communicated through supporting banners and information kiosks, not on exterior signs.
 - Confirm again... use of cupola as design element used outside of graphic standard approach.
 - Edr will update the A-3 obelisks to reflect the collegiate history theme from earlier review
 - Review Gateways:
 - Type A - Main 104/Sweet Entry – both sides of 104 Anchor w/supportReview possible LED sign panel component at main entry south wing. edr completed concepts for review.
 - Type A -1: Review drawings of concepts (gateways).
 - Washington Blvd/Sheldon – anchored Sheldon
 - Laker Athletic Complex/104 & Barnes Dr
 - Lakefront / Rudolph Rd as enter campus CRT 85
 - Confirm administrative support of guiding principle of parking access is:
 - Visitor and commuting in/out traffic South of pedestrian spine
 - Employee and residential traffic North of pedestrian spineAvoids internal searches for available spots and pedestrian/vehicular conflicts.
 - Direction for other monument signs.
 - S|E|I monument sign is happening as part of sciences project and is being finalized on design detailing w/ naming
 - SOE site wall is happening as part of Education project
 - Unsure if Campus Center monument sign is desired as part of the 13/14 plan??
 - Sheldon zone front will have updated plaza zone by founders statue
 - ▶ Washington Blvd Corridor
 - Confirm importance of completing Washington Blvd connecting corridor as part of east campus reconstruction, or JUST some new sidewalks and signs as reopens completely.
 - Was pushing for complete new walk, fixtures, bike path from college property line past Mackin to CC turn, and working with City to complete down balance of the hill.
- Materials proposed OK'd
 - Prototypes ok to advance MF to officially authorize eca
 - Use of cupola ok as shown ok, scale of A-1 Gateways bit uncomfortable.
 - We will return samples but need complete material sample submission as part of DM submission.
 - Revised Main 104 Gateway with both sides approved. LED panel on south side positive feedback. Request 2 lines of text (smaller) as Tom mentioned.
 - Explore relocation options for existing main sign/gift/monument. (who progresses)
 - Secondary gateways positive feedback, work on proportional scales of A-1's.
 - - Confirmed principle Yes
 - - Advance the theme of connected corridor along Washington Blvd. "Monument signs" will be anchor in front of SEI and SOE, as well as CC. Sheldon to have founding historic feel in front quad w statue.
 - - Washington Blvd and Sweet Road connected corridor elements to be advanced. Right direction...
 - Edr to offer timeline on
 - 1. Prototype Fabrication
 - 2. Schedule meeting at edr w TRS
 - 3. Schedule date for DM Submission
 - Overall positive review, right direction, advance DM, and combined CD/Pre Bid Submissions.

SUNY Oswego Exterior Signage Family



Type A

Main Gateway
104 / Sweet Entry

Type D-1

Type D-2

Type D-3

Type C

Type C-1

D

C

Vehicular Pathways
Identification and Maps

Building Identification
Building ID
2 styles

Sweet Road South - Message Board Sign



Type A-1

A-1

Secondary Gateways
Washington Blvd Entry
Lakefront Entry
Laker Athletic Entry

Type A-3

A-3

Obelisks/Connections
Sweet Road Corridor
Washington Blvd Corridor

Type F

E F G

DOT Street and Parking
Vehicular &
Pedestrian Pathways

Type E

Type G

Type M

Type M-

G M

Pedestrian Pathways
Identification and Maps

Gateway & Corridor Review

Primary

- Main 104
- Primary North
- Support South

Secondary Main

- Washington Blvd

Secondary

- Laker Athletic
- Lakefront

Connective Corridors

Approach to Campus

- A Sweet Entry Corridor
- O - Washington Blvd

Corridor connection with city



Note: Have conceptual ideas for relocation of class gift main entry sign and memorial plaque to significant area.



DRAFT



Sweet Road North - Main Entry Sign
Oblique Angle View

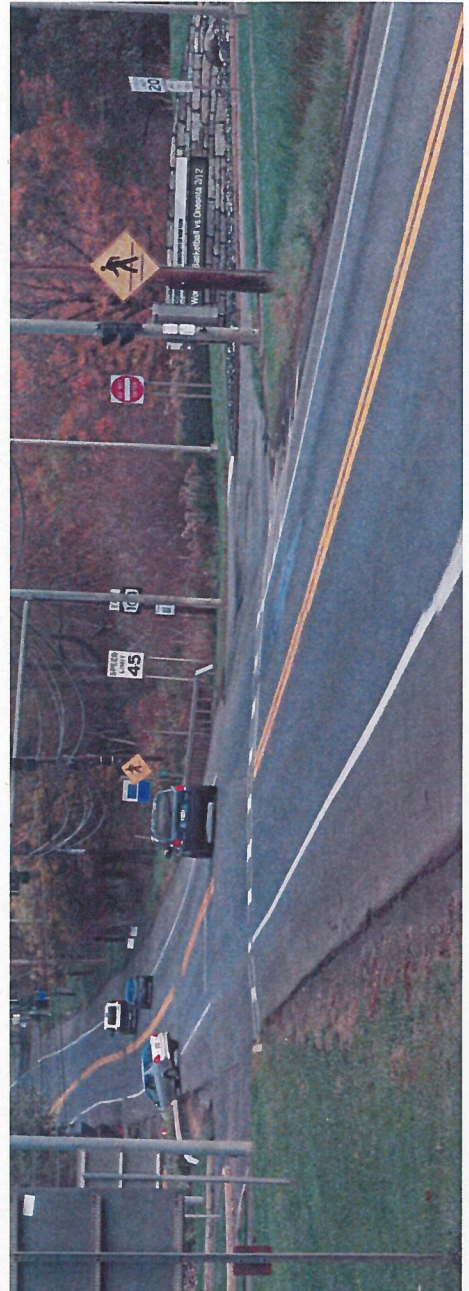
Primary Gateway

Main 104

Primary North Support Sout

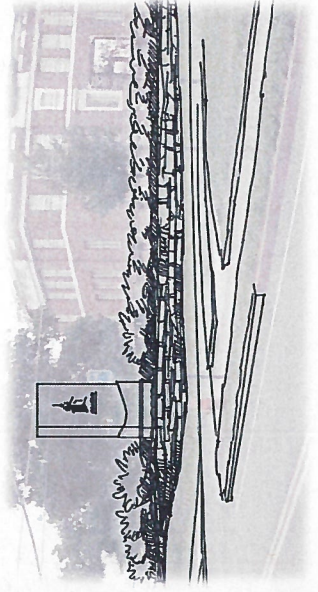


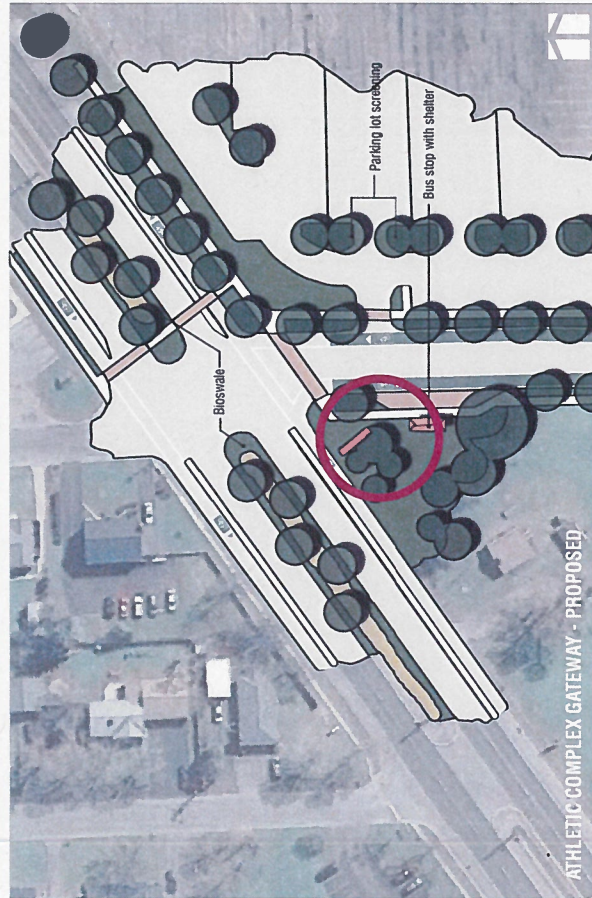
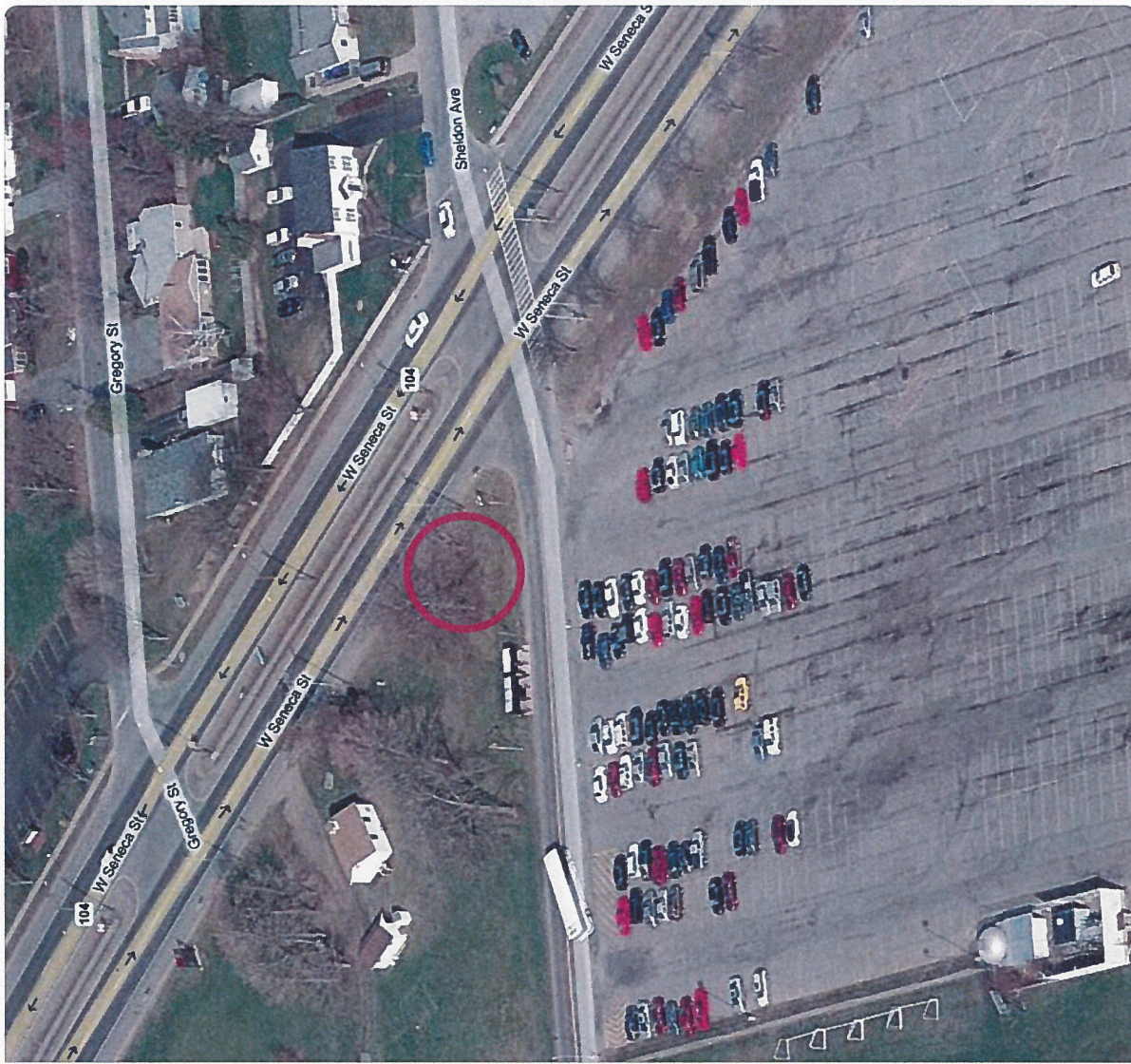
Sweet Road South - Message Board Sign
Oblique Angle View



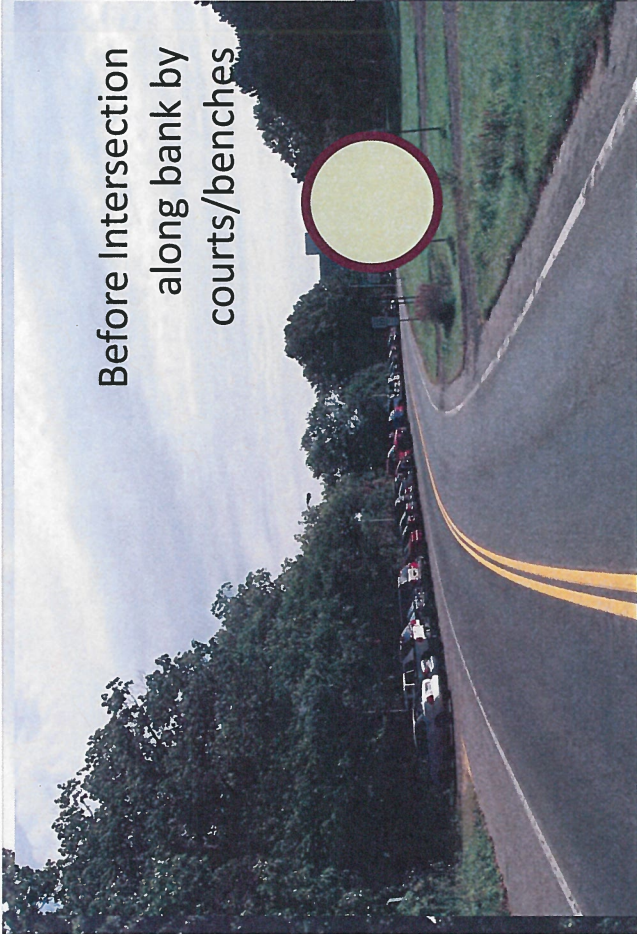
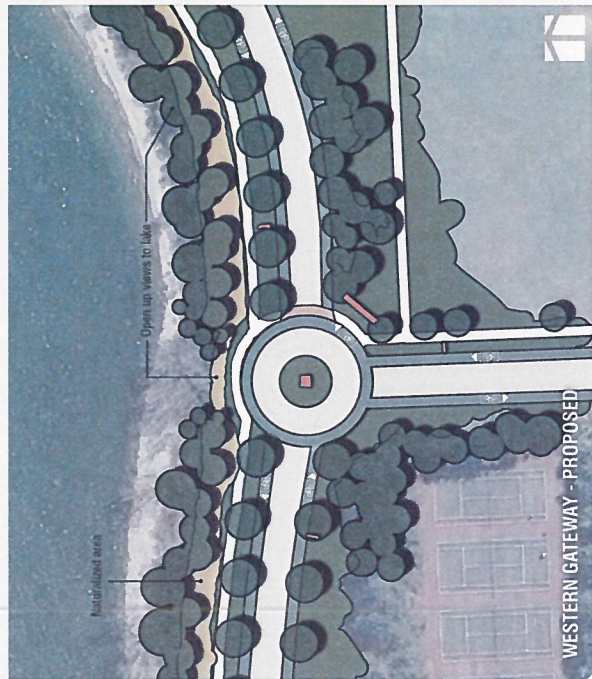


Secondary Gateway
Washington Boulevard Entry





Secondary Gateway
Laker Athletic Entry





phone log

Date: March 20, 2013

Time: 11 AM

Reference: SUNY Oswego Gateway and Exterior Signage Project
edr Project No. 11017

Contact: Tom Simmonds

Firm: Thomas R Simmonds, Planning | Design | Construction
Coordinating Project for SUNY Oswego

Phone: 315.532.3887

Comments:

1. Rob to schedule a time for Joe Falco to meet with Tom at Paragon Supply to select stone samples for the walls associated with the signs and gateways at the Sweet Road and Washington Boulevard campus entrance points.
2. edr to research the LED message sign proposed for the Sweet Road South sign to see if there is an option to provide 2 lines of text. If there is, edr will update the "oblique angle view" graphic to show it.
3. Tom requested that edr modify the proportions of sign type A-1 to make it shorter and wider, and review proportions of the cupola and name text. When they are used together we need to be sensitive to proportion of standard.
4. Tom requested edr to provide him with a proposal to prepare conceptual site plans for the following projects:
 - a) Three proposed relocation destinations for the existing sign at the Sweet Road north entrance.
 - b) The "connective corridor" from the east edge of campus (behind Mackin Hall) connecting to the pedestrian spine near the Campus Center.
 - c) The main campus entry road between Route 104 and Culkin Hall.
5. Rob to finalize the draft of prototype RFP to Tom and Mitch for review as soon as possible.
6. The following milestone schedule was discussed:
 - a) Prototype bids due April 5.
 - b) Program/Schematic Design Submission due April 5.
 - c) Prototype authorization issued by SUNY Oswego April 12.
 - d) Design Manual Submission due May 17 (this date may vary depending on when shop dwgs are received from prototype manufacturer).
 - e) Prototypes arrive on-site May 24.
 - f) Design Manual approval issued by SUNY Oswego by June 1; edr starts bid documents.

March 20, 2013
Phone Log
Page 2

7. Tom requested that design report submittals be in 11x17 format. He would like 6 hard copy sets and a pdf submitted to both he and Mitch.
8. Rob to send Tom a draft table of contents for the design reports for review and comment.
9. Tom authorized the signage content to be submitted as-is for the Program/Schematic Design report. Mitch is still working with his staff to finalize the signage content; the final content will be reflect in the Design Manual submission.
10. Tom requested edr to push the schedule as aggressively as possible and to maintain focus on the project.
11. Tom requested Rob to suggest a day and time for weekly phone calls to review project status.

This phone log has been prepared by **Rob Seeley** of **edr**. If there are any discrepancies, please notify our office within three business days of receipt.



STATE UNIVERSITY CONSTRUCTION FUND Schematic Phase Checklist

The following checklist show the general items required by the Agreement and the Program Directives. Unless included in the lump sum fee or the Schedule B of the Consultant's Agreement, some items below related to existing conditions and capacities may be provided through extra compensation when approved by the Fund. Provide those items that are applicable to the actual scope of this project. Since this Checklist repeats portions of the Concept Phase Checklist, major changes are shown in **bold type face**.

(A) **Schematic Phase Report: Based on the approved Concept deliverables and by revising the Concept Phase Report, provide the applicable content listed below:**

Check as applicable: "Yes" if provided or "NA" if not applicable

- | | | | |
|---|-----|--|---|
| (1) Cover page contains the Project No., Project Name, Campus, Architect and other Consultants. | Yes | No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> NA |
| (2) Contents page has a table of contents and all pages are numbered. | Yes | No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> NA |
| (3) Incorporates all comments made during reviews by the Fund and campus. | a) | Provide copies of all comments with responses in an appendix. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| | b) | List all changes, if any, to building, site and equipment programs. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> NA |
| | c) | Provide copies of Schematic meeting minutes in an appendix. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> NA |
| | d) | Provide copies of updated , applicable campus standards in an appendix. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| (4) Provides the Consultant's certification of completeness per Directive 1A-4, item 1e and confirming that documents comply with all applicable campus standards. | Yes | No | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| (5) Provides an Executive Summary, describing program, costs and schedule. | Yes | No | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| (6) Provides an analysis of the project work area indicating the status of all data required for a complete design, including: | a) | Provides an existing condition analysis of the work area. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> NA |

- | | |
|--|---|
| <p>b) Confirms that surveys for topographical, utility, asbestos, and hazardous material data, borings and geo-technical studies, as built/field measured drawings and other data required for the design have/will be obtained by the Consultant when needed to complete the design work.</p> <p>i) Append geotechnical report per Directive 1C-5 and asbestos, lead and hazardous material survey results.</p> <p>ii) Confirm that project survey mapping per Directive 2-1 is complete for all work areas.</p> <p>c) Provides a preliminary listing of Governing Agency submissions required per Directive 1D-3.</p> <p>d) Confirmation that right of way improvements, if any, have been reviewed with AHJ per Directive 2-2.</p> <p>(7) Provides an analysis describing the construction phasing of the project, including:</p> <p>a) Describes time frames for when the work area(s) are available.</p> <p>i) Describes known time restrictions due to site availability, shut down / cutovers, etc.</p> <p>ii) Describes known special events, environmental limitations, etc. that may impact the work</p> <p>b) Describes temporary work necessary to maintain adjacent occupancies in active use.</p> <p>i) Describes alternate pedestrian routes</p> <p>ii) Describes alternate vehicle routes / parking.</p> <p>c) Describes a general sequence of the construction of the major project components by phase, contract or other delivery method.</p> <p>i) Describes a construction access route</p> <p>ii) Describes a construction trailer / office for onsite representation</p> <p>iii) Describes site stabilization / underpinning.</p> | <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> |
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(8) Provide confirmation that the applicable Directive noted below has been reviewed, provides a description of significant design criteria and issues related to the applicable Directive (including proposed variation, if any, from the applicable Directive), and provides a brief description of the design approach to the applicable Directive:

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| a) | For the proposed design concepts, spatial interrelationships, forms and massing. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| i) | Describe internal spatial interrelationships at the program level. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| ii) | Describe spatial relationships to programs in existing and proposed buildings. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| iii) | Describe how design facilitates/controls work flow, way finding and access and other programmatic interactions. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| iv) | Describe how it relates to local vocabulary per Directive 1C-3. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide a brief description of all significant materials and finishes | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (2) Provide representative samples of significant exterior materials at the Schematic presentation | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (3) Provide an analysis justifying the proposed materials and components based on their historical performance compared to other available options | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| v) | Describe how it relates to historic context per Directive 1C-9. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| vi) | Describe masonry walls per Directive 4-1. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| vii) | Describe roofing materials per Directive 7-1. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| viii) | Finalize the economic analyses provided for the concept report justifying the proposed structural, mechanical, electrical, etc. systems through a comparison with available options. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| ix) | Provide an analysis of the constructability of significant building systems and components; verify their ability to be fabricated and local availability. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| x) | Provide an analysis of the maintainability and operational efficiency of the completed project. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Confirm compliance with Directive 8-5 for window cleaning. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |

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| xi) | Provide an analysis of the effect of the proposed work on the existing campus, systems and building components. For work in existing buildings, provide photographic documentation of existing areas where work will occur. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xi) | For laboratory buildings, summarize the design criteria and confirm compliance with of Directive 11-4. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xii) | If the project has a sound system, summarize the design criteria and confirm that there is a plan in place to address the applicable design questions from Directive 11-5. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xiii) | If there are vertical transportation systems, summarize the design criteria and confirm that at least one elevator serves each mechanical space and mezzanine. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| b) For the proposed site design concept. | | | |
| i) | Describe proposed landscaping. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| ii) | Provide a site work overview following the format of Directive 2-1. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Confirm that available utilities have sufficient capacity to support the work, or propose means to supplement or provide such utilities as part of the project. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (2) Provide overall estimates of earthwork removed and backfill required | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (3) Provide total square footage / acreage of site. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (4) Describes extent of rock excavation per Directive 2-5. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| iii) | Describe roads and pavements per Directive 2-2. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| iv) | Environmental requirements per Directive 2-4. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | i. Bind draft Storm Water Pollution Prevention Plan in Appendix | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| c) Describe structural system (Directives 3-1 and 5-1). | | | |
| i) | Provide draft structural and seismic analyses required by the Building Code of New York State. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |

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| d) | Describe mechanical, electrical and plumbing systems. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| i) | Describe where critical operating equipment is located. For work in existing buildings, provide photographic documentation of existing areas where work will occur. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| ii) | Calculate mechanical, electrical and plumbing systems design loads and summarize design criteria, if not covered in the building systems below. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| iii) | Whenever connection to an existing building or campus wide utility system is required, the following information shall be provided: | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Capacity and condition of existing systems. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (2) Capacity and condition of means of distribution, as applicable. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (3) Analysis of the existing system's ability to satisfy the additional loads. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (4) Stand-alone or back-up systems required for this building when the existing system is shut down for regular maintenance. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| iv) | Describe compliance with items 1 thru 6 in Part 1c of Directive 15H-1. | | |
| | (1) Describe Metering | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (2) Describe Sound and vibration control | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (3) Describe system selection and cost evaluation | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (4) Describe Energy conservation per Directive 1B-7. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| v) | Confirm that Air system design meets the requirements of Directive 15H-2. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design load calculations and space design criteria based on actual number of occupants for each space, as shown on the Code Conformance Drawings | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (2) Describe Separation of Air intakes | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (3) Describe System requirements | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (4) Describe Air handlers | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (5) Describe Air distribution | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |

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| vi) | Describe air permit modifications required per Directive 1D-8. | | |
| | (1) Describe status of required preconstruction approvals. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (2) Append permitting consultant's report. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| vii) | Describe proposed smoke control system work per Directive 15H-2. Provide draft system analyses required by the Building Code of New York State. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| viii) | Describe proposed hydronic system work per Directive 15H-3. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| ix) | Describe proposed heat generation system work per Directive 15H-4. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design criteria and load calculations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| x) | Describe proposed chiller system work per Directive 15H-5. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design criteria and load calculations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xi) | Describe proposed heat distribution system work per Directive 15H-6. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design criteria and load calculations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xii) | Describe proposed special air system work per Directive 15H-7. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design criteria and load calculations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xiii) | Describe proposed laboratory air system work per Directive 15H-8. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design criteria and load calculations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xiv) | Describe proposed commissioning work per Directive 15H-9. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |

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| xv) | Describe proposed gas system work per Directive 15P-1 and 15H-10. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design criteria and load calculations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xvi) | Describe proposed plumbing systems. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design criteria and load calculations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (2) Describe compliance with Directives 15P-2, 3, 4 and 15H-10. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xvii) | Describe proposed backflow prevention system work per Directive 15P-5. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xviii) | Describe proposed sprinkler system work per Directive 15F-1. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design criteria and load calculations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xix) | Describe proposed fire alarm system work per Directive 16-3. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xx) | Describe proposed outdoor lighting system work per Directive 16-6. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| xxi) | Describe proposed electrical distribution system work per Directive 16-7. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Provide design criteria and load calculations for normal and emergency power | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (2) Provide Electrical Panel list with amperage | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (3) Provide a lightning risk assessment per Directive 1B-3 | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (4) Describe Lighting conservation per Directive 1B-7 | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (5) Describe approach to emergency lighting, night lighting, and other special lighting systems. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |

xxii)	Describe proposed communications system work per Directive 26-1.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
e)	Describe energy conservation features and proposed compliance with Directive 1B-7.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
i.	Provide a LEED checklist in Appendix per Directive 1B-7.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(9)	Describe significant code requirements.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
a)	Provide narratives describing significant code items.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
b)	Describe anticipated variances.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
c)	Provide draft of SUCF code checklist in Appendix.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(10)	Propose anticipated proprietary sources per Directive 1C-2.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(11)	Propose anticipated design delegation per Directive 1C-2.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(12)	Describe presumed asbestos, hazardous materials or contamination that must be addressed to perform the work (Directives 1D-5 and 6).	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(13)	List of Program spaces and their Net Area.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(14)	Provide an Area Analysis per Directive 1C-1 includes the following:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
a)	DESIGN: Net Area _____ Sq. Ft.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
b)	Gross Area _____ Sq. Ft	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
c)	Net Area to Gross Area Ratio:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
d)	Describe how design provides for all functional and special requirements of Building and Site Programs and list deviations (if none, specify "NONE")	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(15)	Provide a proposed exterior and interior finish schedule listing all major and typical surfaces, areas or spaces.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(16)	Describe current adherence to the Design and Construction schedules. Justify and explain proposed changes.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(B)	Schematic Phase Drawings: Based on the approved Concept deliverables and by revising the approved Concept drawings and model.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
(1)	Provide applicable Site Drawings scaled at least 1" - 50' including:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
a)	A Key plan showing relation to campus plan	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA
b)	Plans showing existing conditions and Property Lines.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NA

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| c) | Plans showing relationship of building to site and proposed site improvements. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| i. | Show major Grading - existing and proposed contours (one or two foot intervals). | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| ii. | Show major outdoor spaces, their proposed levels, and the levels of elevation for all entrances to the building. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| iii. | Show location, materials and extent of roads, service drives, parking, walks, and terraces, athletic fields, loading docks, etc. and describe proposed materials per Directive 2-2. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (1) Show the accessible route. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| | (2) Show Fire protection Hydrants and fire-fighting routes. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| iv. | Show all site features and site amenities and differentiate between existing and proposed. See Directive 2-6 for pavers, Directive 2-9 for walls and stairs and Directive 2-10 for synthetic surfaces. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| v. | Show slopes complying with Directive 2-7. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| d) | Plans showing demolition and removals. Show extent of earth retention systems, over excavation for poor soils and other geotechnical recommendations. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| e) | Plans show all site utility systems and connection points in a coordinated manner. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| i. | Show site utility system connection at points of known capacity. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| ii. | Show all new utilities from building along proposed route to connection point to existing lines for electric power, telecommunications, gas, water, heating system, chilled water system, sanitary, storm, site lighting, etc. Show significant profiles per Directive 2-3. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| f) | Plans showing Phasing and Construction Staging per Directive 1D-4. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |
| i. | Show Contract limit lines (including area for staging, new site utilities and other peripheral work.) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> NA |

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| <ul style="list-style-type: none"> ii. Show construction staging area, parking and storage areas, temporary utility connection points and access route. iii. Show considerations for maintenance of traffic. | <ul style="list-style-type: none"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| <ul style="list-style-type: none"> g) Provide sections through site required for a description of design shown in plans above. | <ul style="list-style-type: none"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| (2) Provide applicable architectural design: | |
| <ul style="list-style-type: none"> a) Provide detailed floor and roof plans at 1/8" = 1'-0" scale for all levels and indicate proposed materials. <ul style="list-style-type: none"> i. Show column lines and space numbers shown in compliance with the campus standard. Space names should be generic. ii. Show roof work per Directive 7-1. iii. Show selected room equipment and furniture layout. b) Show full building sections for all significant levels, space elements and ceilings and relative heights and relation to adjacent grades. c) Show exterior elevations (all sides) - indicate exterior color and materials for proposed envelope systems. <ul style="list-style-type: none"> i. Show detailed elevations (all faces) - indicate exterior materials, finishes, colors and control joints. d) Show typical wall sections, showing reinforcing and bracing for typical architectural details. | <ul style="list-style-type: none"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| (3) Provide applicable demolition and removal plans. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| (4) Provide applicable phasing and building access plans showing work and timing of major phases and contracts. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| (5) Provide applicable asbestos and hazardous materials removal plans per Directive 1D-6. Show column lines that match architectural plans. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| (6) Provide applicable structural drawings. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |
| <ul style="list-style-type: none"> a) Show foundation plans. b) Show floor and roof framing system. Show column lines that match architectural plans. | <ul style="list-style-type: none"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA |

- c) Show framing design of typical floor or areas that indicates the structural system (dimensioned), columns, shear walls, etc.
- d) Show significant architectural steel supporting special design features.
- e) Show all design loads and confirm that design accounts for deflection per Directive 3-1.

Yes NA

(7) Provide applicable Mechanical Drawings

- a) Show preliminary sizing and location for all air handling units, pumps, heat exchangers, chillers, cooling towers, etc., and routing of significant piping and ductwork. Show column lines that match architectural plans.
- b) Show schematic diagrams for all air and water systems.
- c) Show proposed path of travel for installation and future removal of major equipment.
- d) At the existing buildings, show the capacity of existing systems being connected to.
- e) At the existing buildings, show significant existing, adjacent equipment and systems to remain.
- f) Show connection points with site utilities and campus building management systems.

Yes NA

Yes NA

Yes NA

Yes NA

Yes NA

Yes NA

Yes NA

Yes NA

Yes NA

(8) Provide applicable Plumbing Drawings

- a) Show major equipment and fixture locations. Show column lines that match architectural plans.
- b) Show riser diagrams for supply, sanitary, roof drain and special systems.
- c) Show connection point with site utilities.

Yes NA

Yes NA

Yes NA

Yes NA

Yes NA

Yes NA

(9) Provide applicable Fire Protection Drawings

- a) Show major equipment and fixture locations. Show column lines that match architectural plans.
- b) Show sizing and location of fire pump, sprinkler, standpipe and other systems.
- c) Show single line diagrams of sprinkler and/or standpipe system.

Yes NA

Yes NA

(10) Provide applicable Electrical Drawings.

- a) Show major equipment and fixture locations. Show column lines that match architectural plans.
- b) Show connection points with the service for the electrical power, telecommunications, data, fire alarm and other systems.

Yes NA

Yes NA

Yes NA

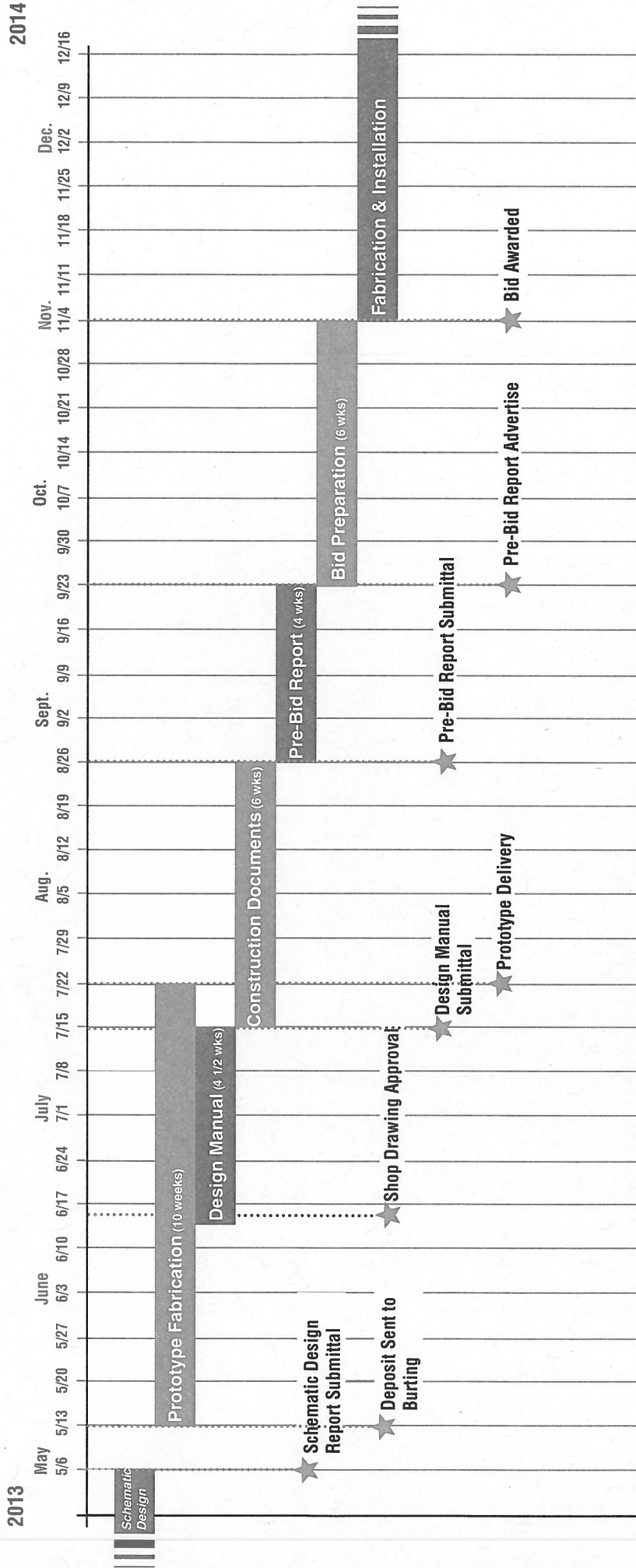
	<p>(12) For projects with mechanical, electrical and plumbing components:</p> <p>c) Provide a single-line diagrams that includes the following:</p> <p>i. Location of service connection. Confirm that existing system has capacity to accommodate design loads.</p> <p>ii. Preliminary sizing and location of major transformers, transformer substations, switchboards, distribution panels and motor control centers.</p> <p>iii. Preliminary sizing and location of major components of the emergency and standby power system.</p> <p>d) Show communication systems. Show preliminary sizing, riser diagrams and locations for telephone, fire alarm, door control, security and other systems.</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p>
<p>(11) Provide applicable Code Conformance Drawings</p>	<p>a) Show occupancy classification for total building and/or for each floor level or portion of floor if they contain different occupancies.</p> <p>b) For the existing building, show plans and diagrams for each level articulating the work areas and the level of alteration for each work area.</p> <p>c) Show construction classification, building heights and number of stories, allowable height and fire areas, including code allowed increases, actual fire areas and smoke areas.</p> <p>d) Show location of fire walls, horizontal exits and other code required fire separations.</p> <p>e) Show the number of occupants in each major space, groups of spaces and per floor.</p> <p>f) Based on the number of occupants, show the number of exit units required and provided for each space and floor level.</p> <p>g) Show the travel distance measurements for all significant spaces and maximum travel distance allowed for each floor.</p> <p>h) Show exit widths required and provided.</p> <p>i) Show fire protection systems required and provided.</p> <p>j) Show code compliance for unique design features, floor openings, atriums, etc.</p> <p>k) Show toilet fixture analysis for required and provided fixtures and spaces.</p> <p>l) For accessibility, show the spaces <u>not</u> on the accessible route.</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA</p>

SUNY OSWEGO GATEWAYS AND EXTERIOR SIGNAGE

PROJECT NO. 10325A

Project Schedule

May 02, 2013



SUNY Oswego Gateways & Exterior Signage

Schematic Level Cost Estimate 4/30/13

Sign type	Unit Cost	Quantity	Cost
A	\$125,000.00	1	\$125,000.00
A-1	\$18,000.00	2	\$36,000.00
A-3	\$12,750.00	12	\$153,000.00
C	\$4,100.00	54	\$221,400.00
D-1	\$18,000.00	33	\$594,000.00
D-2	\$12,170.00	3	\$36,510.00
D-3	\$3,500.00	9	\$31,500.00
E	\$1,000.00	45	\$45,000.00
F	\$910.00	32	\$29,120.00
G-2	\$710.00	74	\$52,540.00
M	\$8,000.00	28	\$224,000.00
Digital Sign	\$52,500.00	1	\$52,500.00
Total			\$1,600,570.00
+ 10% contingency			\$160,057.00
Grand Total			\$1,760,627.00



Lake Ontario



EXISTING WHITE FENCES ARE A DISTINCT SCULPTURAL ELEMENT THAT CAN BE PRESERVED AND ENHANCED WITH FUTURE PLANTINGS.

LOW VISIBILITY OF EXISTING SIGNAGE ON ROUTE 104

CONTINUATION OF MEDIAN TO MAIN CAMPUS ENTRANCE; ACCOMMODATES MEDIAN AS PART OF CAMPUS DISTRICT OPPORTUNITY FOR BUILDINGS AND PLANTINGS.

LEAVE PARKING OFFICE IN ADVANCE OF LOOP ROAD

UNIVERSITY CAMPUS

EXTEND CONNECTIONS TO ROAD - DESIGN TO EXCEED DESIGNER THAN WASHINGTON BLVD.

CONSIDER OPTIONS FOR PARKING LOT FROM STREET EXISTING ENTRY TO RESIDENTIAL IS VISUALLY COMPROMISED & UNWELCOMING.

REPAIR AS OPPORTUNITY TO LOCATE ENTRANCE ON W OF STREET.

IMPACTS OF CONSIDER AS PEDIESTRIAN ENTRANCE TO CAMPUS - NEED TO BETTER ACCOMMODATE BICYCLE TRAFFIC. PUT UTILITIES UNDERGROUND TO REIMAGINE CORNER W/ STREET TREES

CONTINUATION OF CONNECTIONS TO DOWN TOWN OSWEGO.

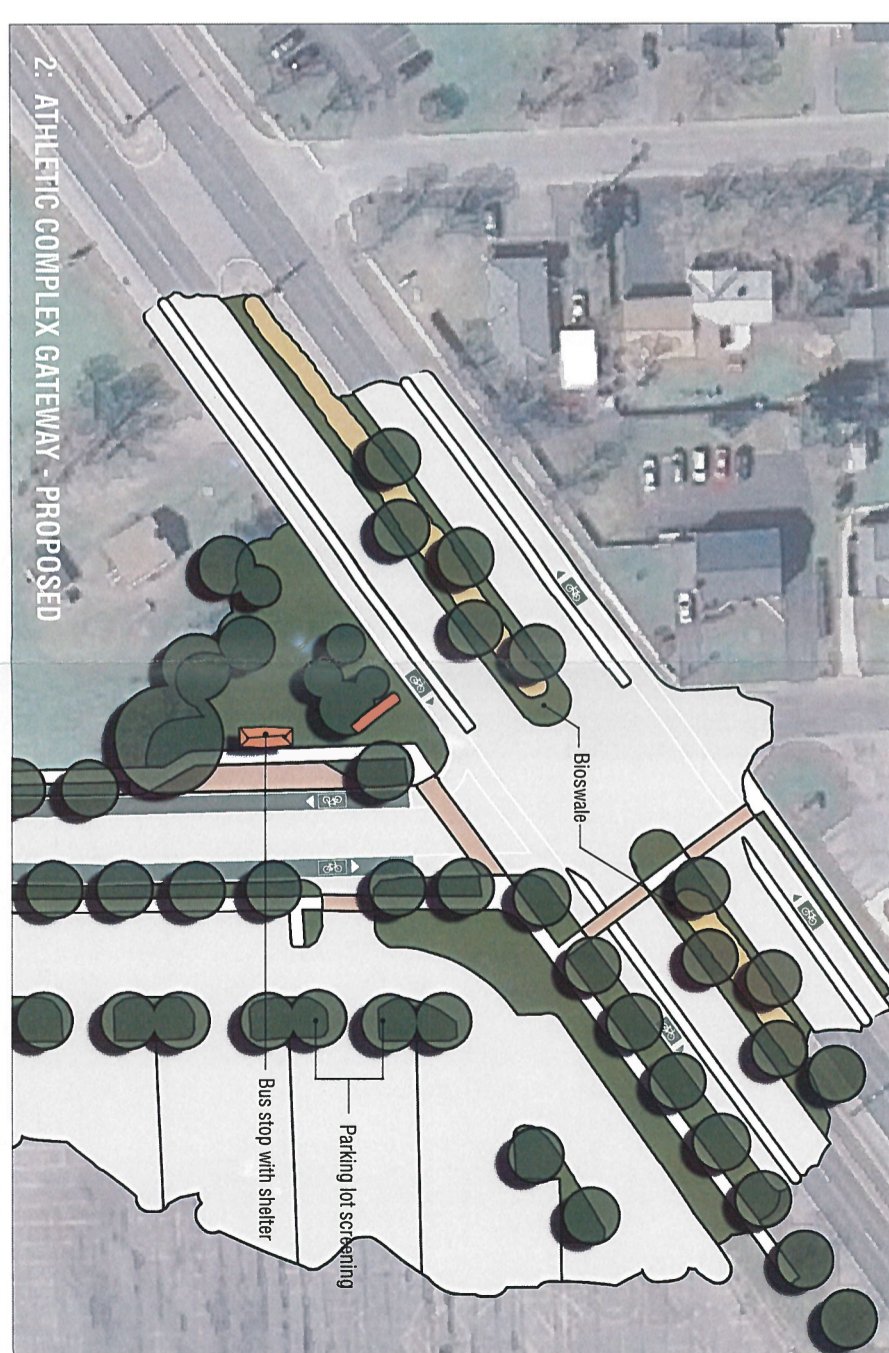
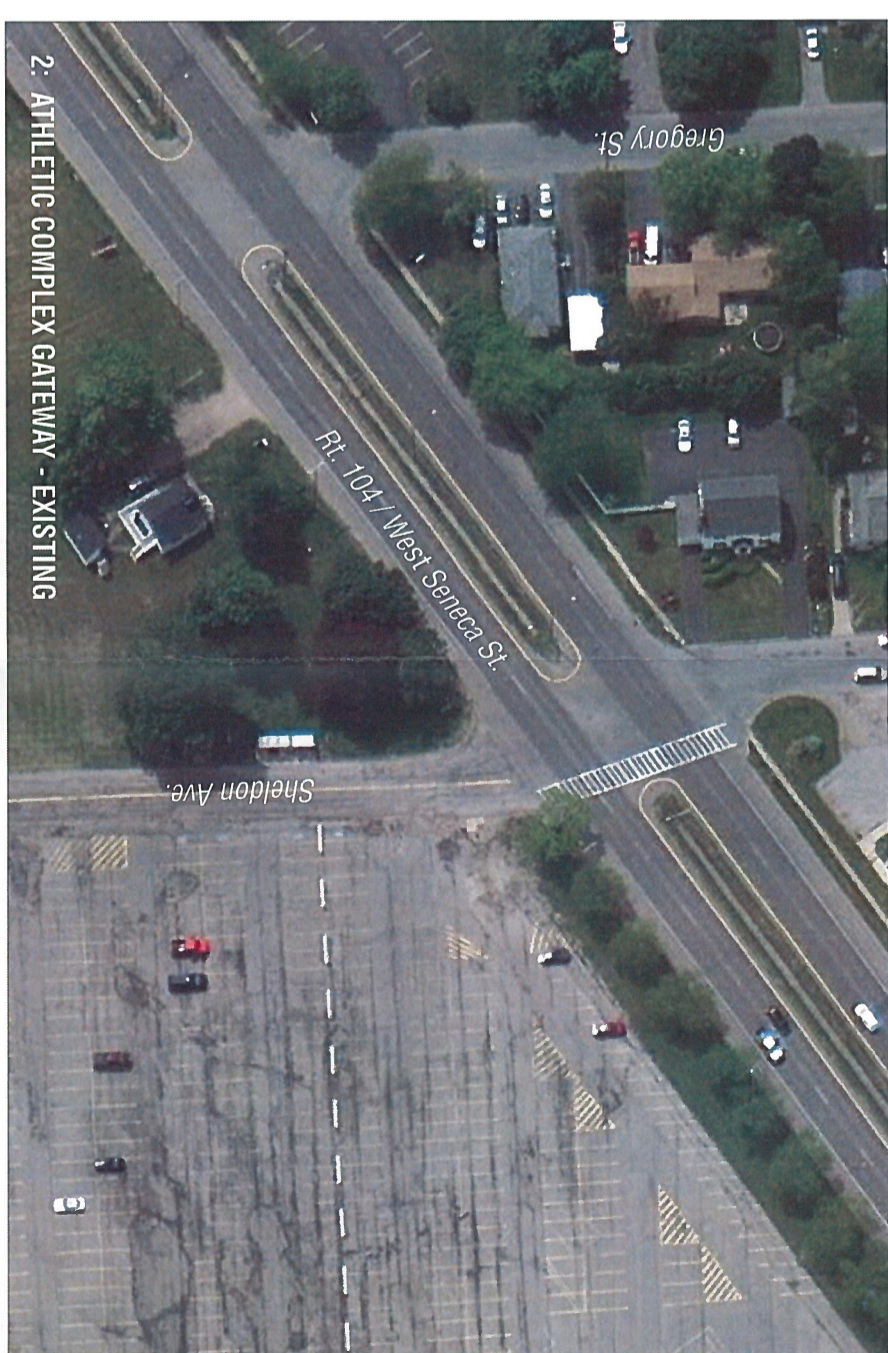
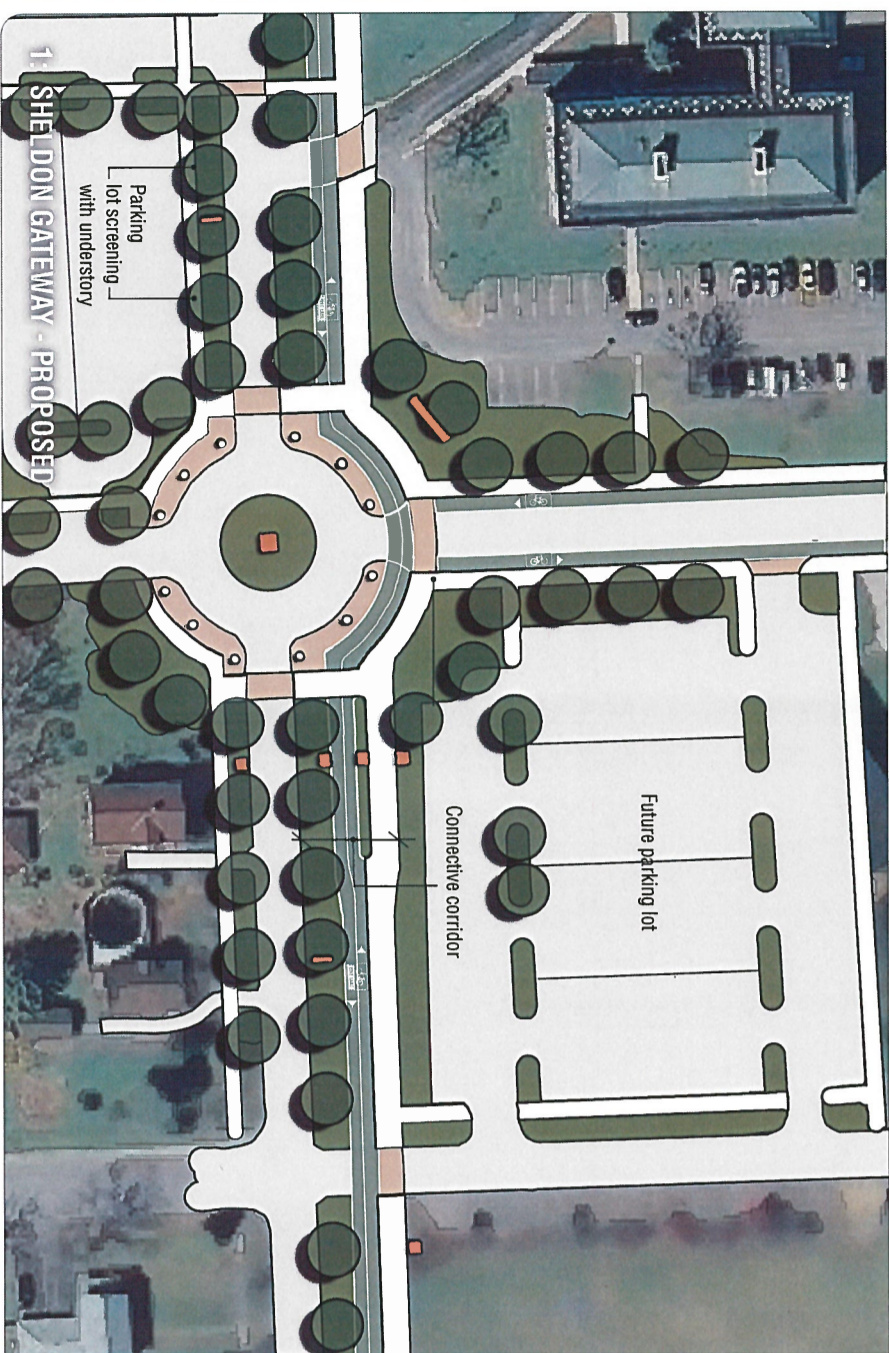
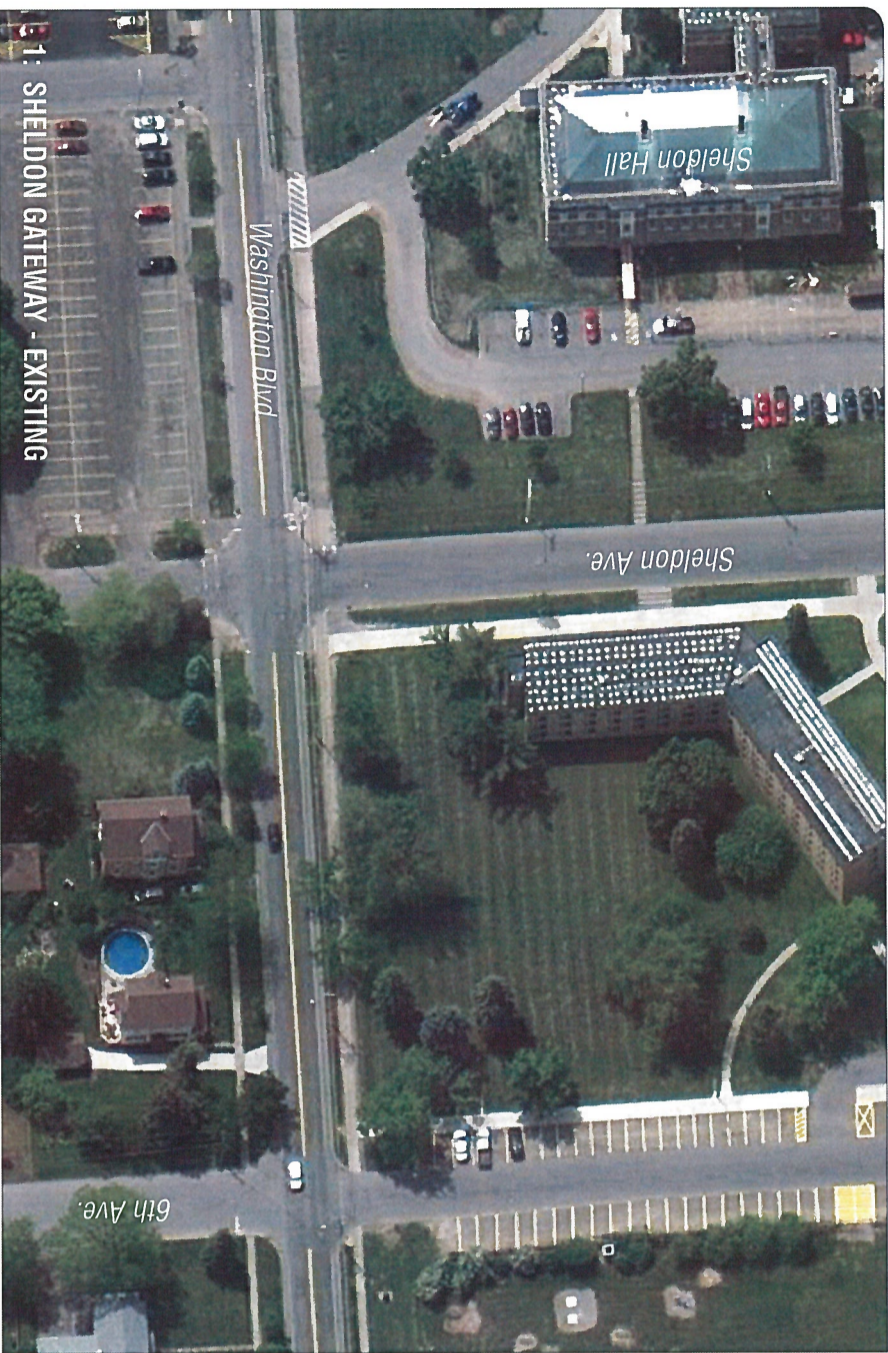
SPACE NEEDED AT PARK TO DIRECT VISITORS TO EXIST CAMPUS OR MAIN ENTRANCE & ATHLETIC FACILITIES.

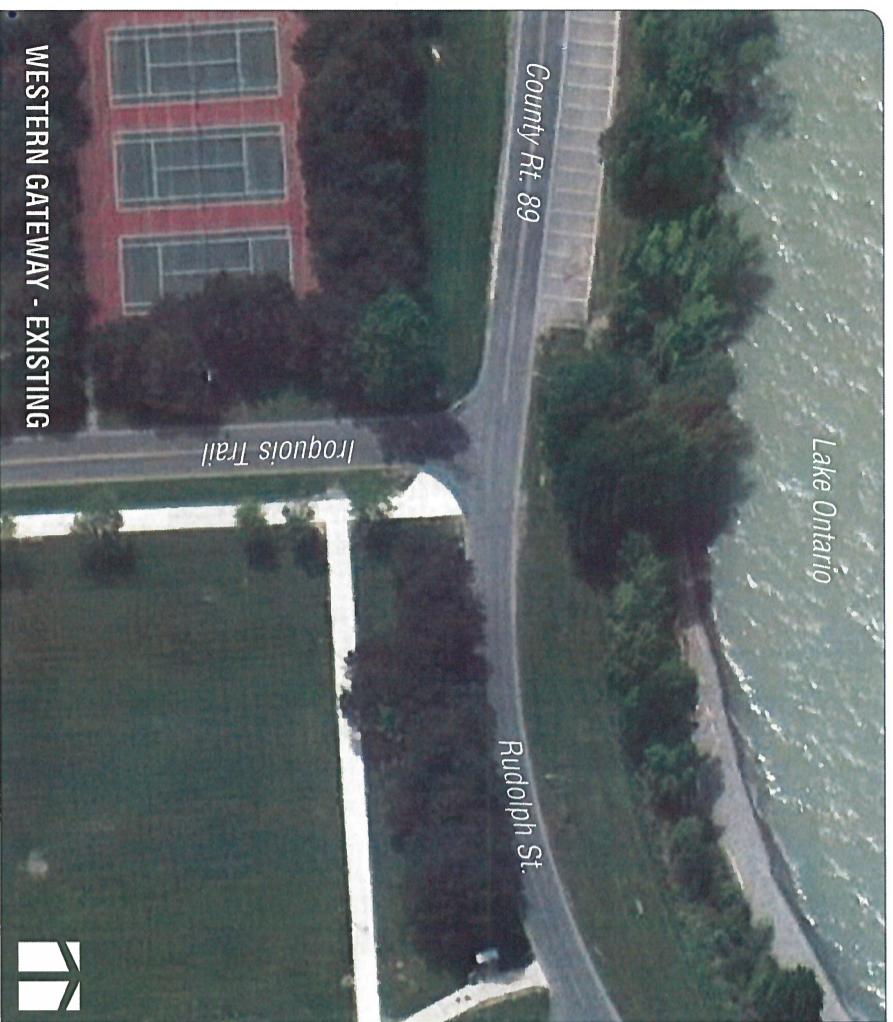
- LEGEND
- PROPOSED BUILDINGS
 - PROPOSED RENOVATION
 - MAJOR GROWTH
 - MINOR GATEWAY

SUNY OSWEGO - CAMPUS GATEWAYS

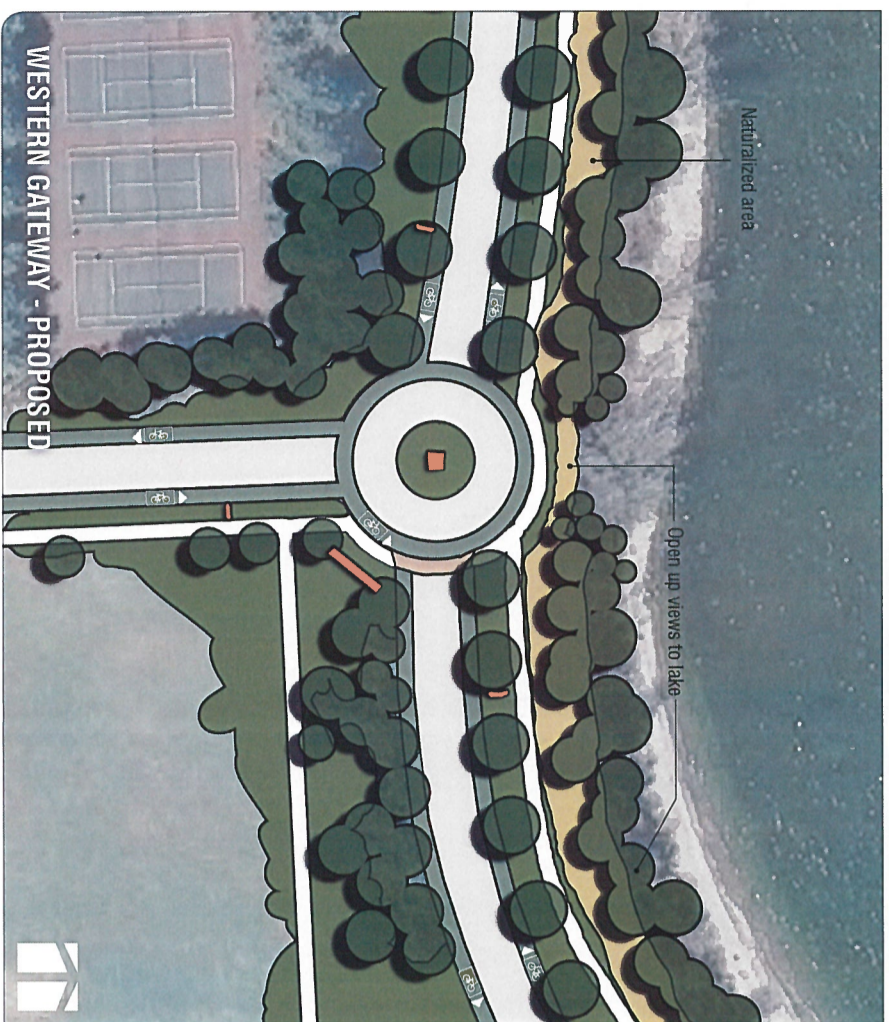


Site Observations and Analysis





WESTERN GATEWAY - EXISTING



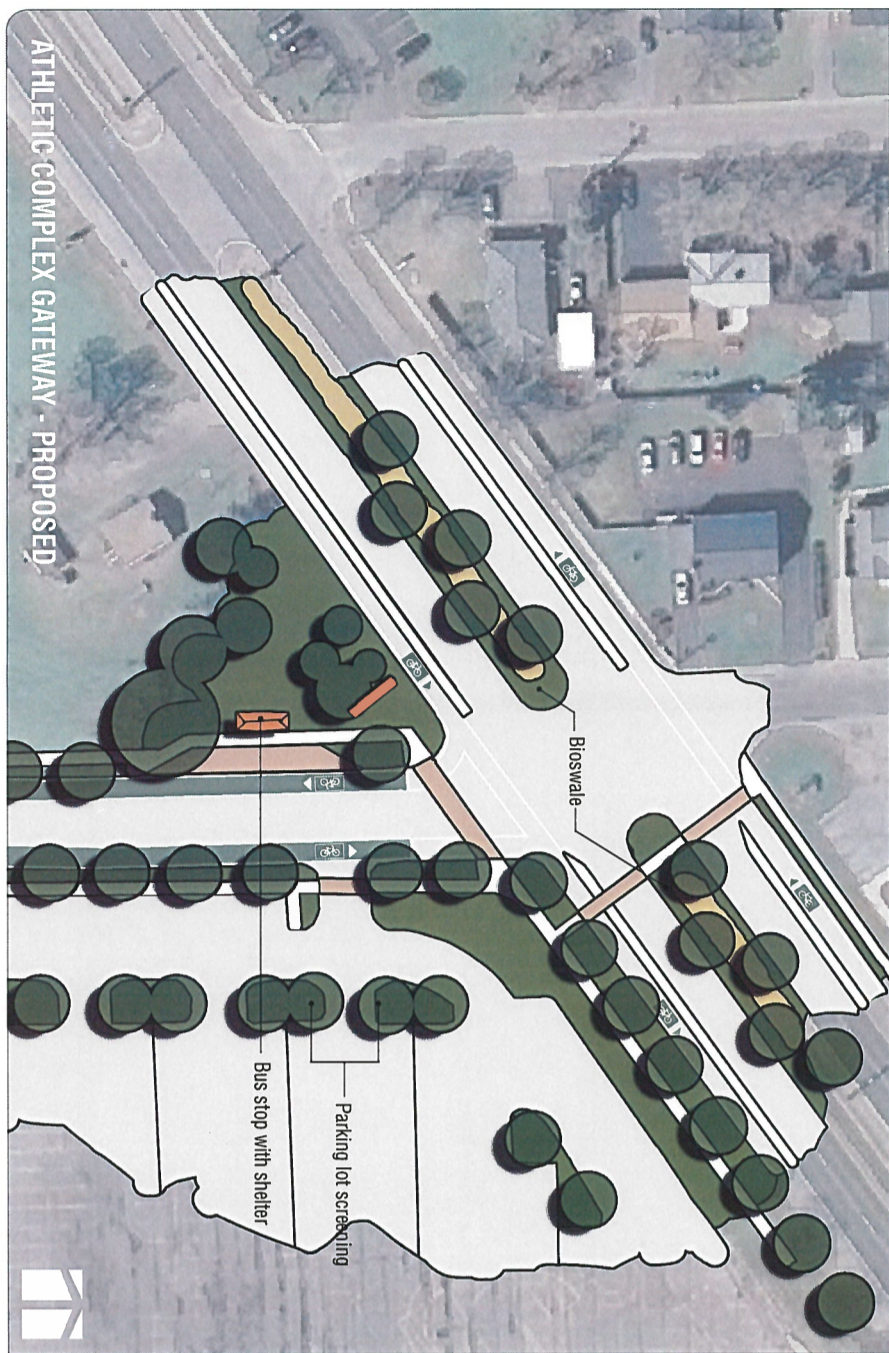
WESTERN GATEWAY - PROPOSED



SUNY OSWEGO - CAMPUS GATEWAYS



ATHLETIC COMPLEX GATEWAY - EXISTING

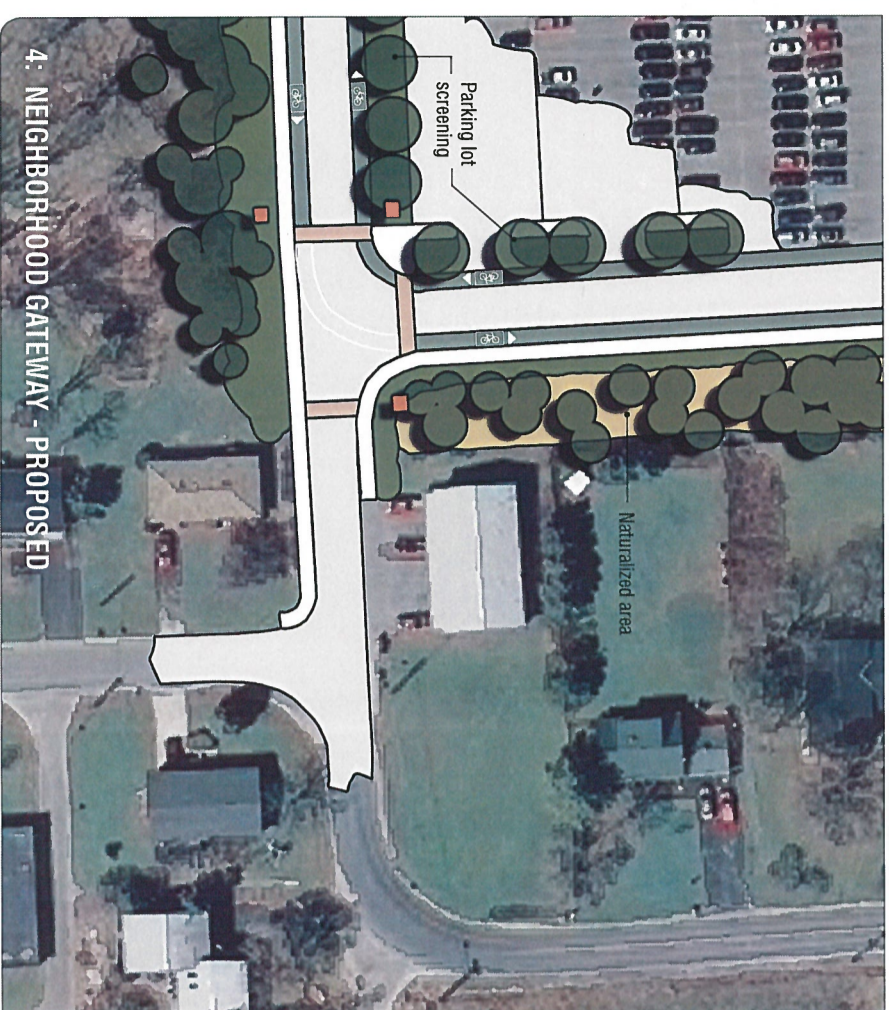


ATHLETIC COMPLEX GATEWAY - PROPOSED





4: NEIGHBORHOOD GATEWAY - EXISTING



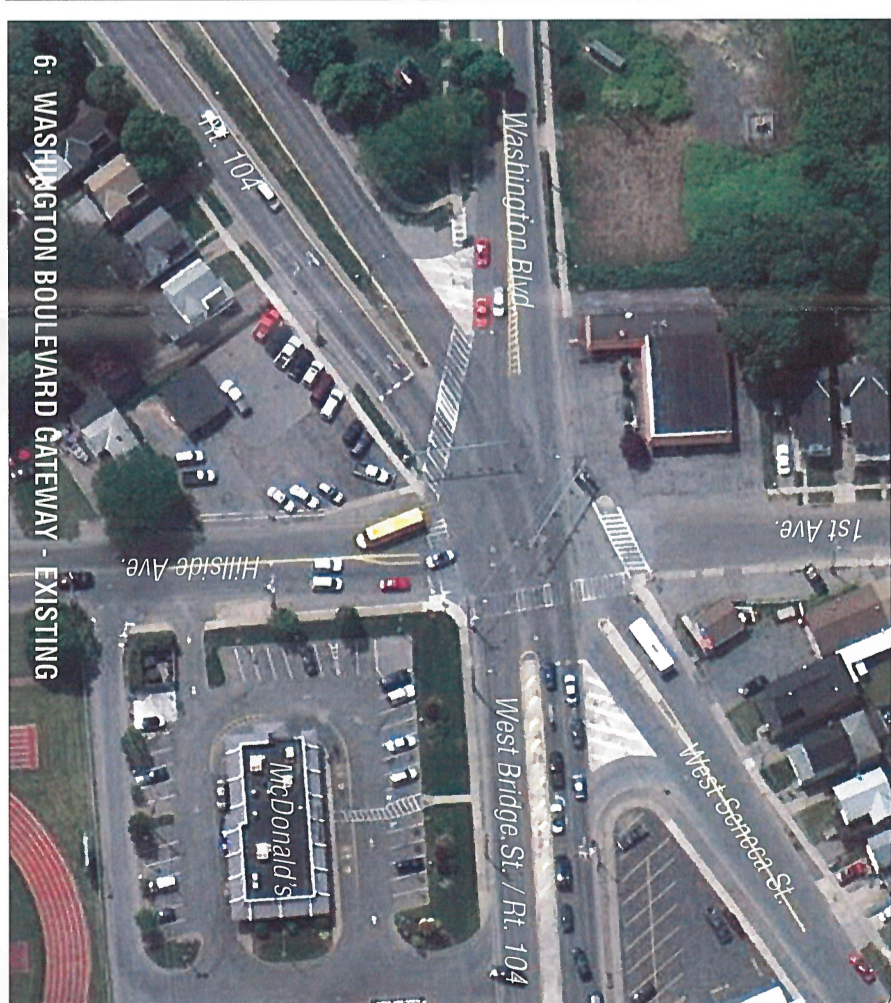
4: NEIGHBORHOOD GATEWAY - PROPOSED



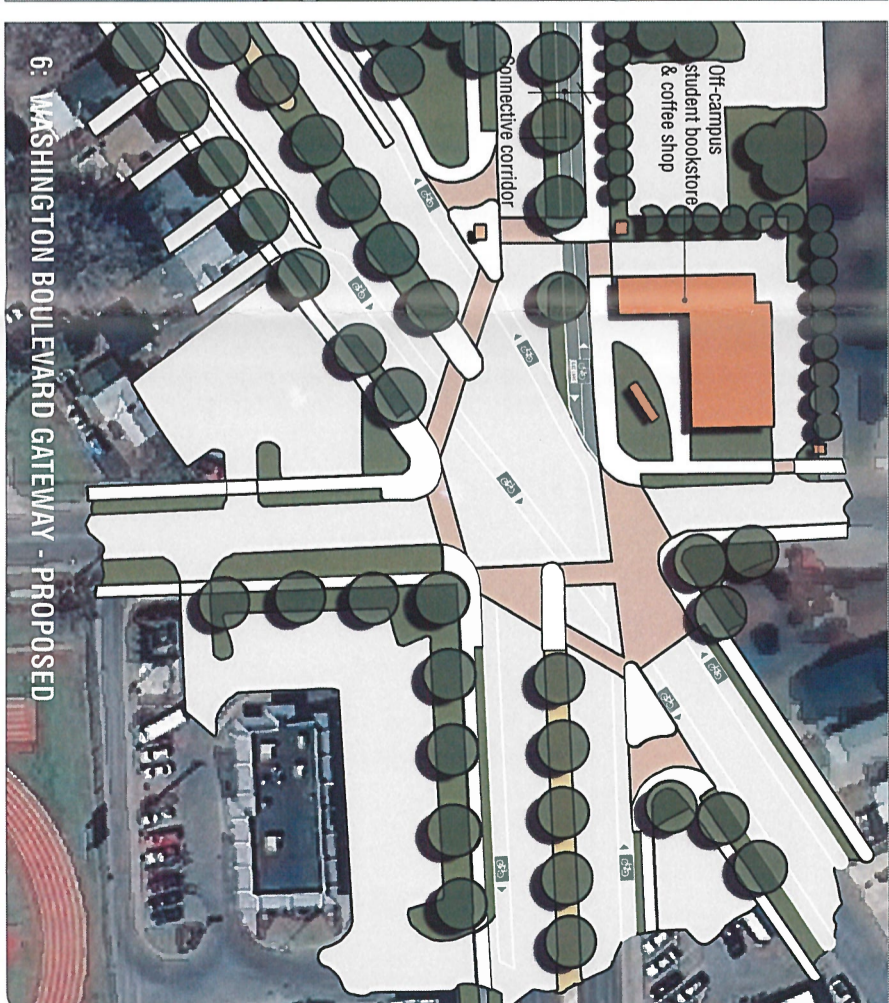
5: WESTERN GATEWAY - EXISTING



5: WESTERN GATEWAY - PROPOSED



6: WASHINGTON BOULEVARD GATEWAY - EXISTING



6: WASHINGTON BOULEVARD GATEWAY - PROPOSED





3: RT. 104 - MAIN GATEWAY - EXISTING



3: RT. 104 - MAIN GATEWAY - CONCEPT 1 - PROPOSED



3: RT. 104 - MAIN GATEWAY - CONCEPT 2 - PROPOSED

SUNY OSWEGO - CAMPUS GATEWAYS

Major Gateway Concept Plans

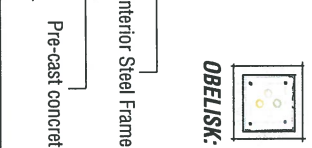
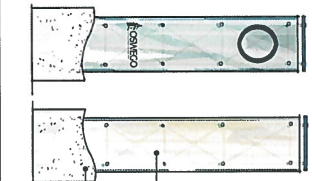
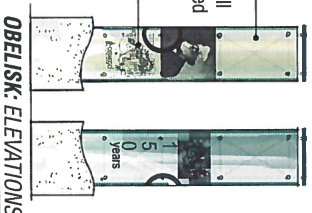
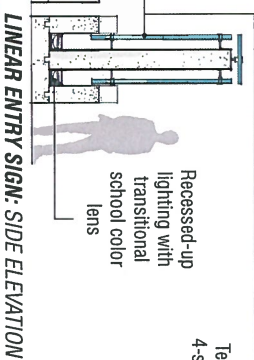


October 2011

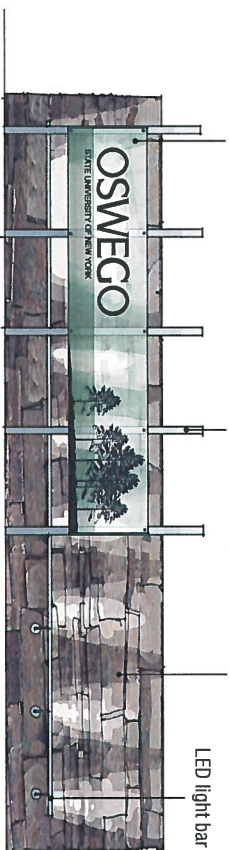


CONCRETE & GLASS

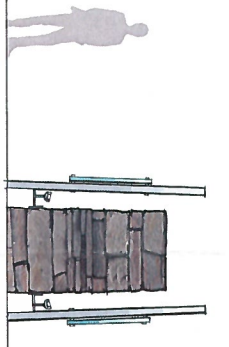
Applied vinyl graphics or silk screen on tempered glass surface



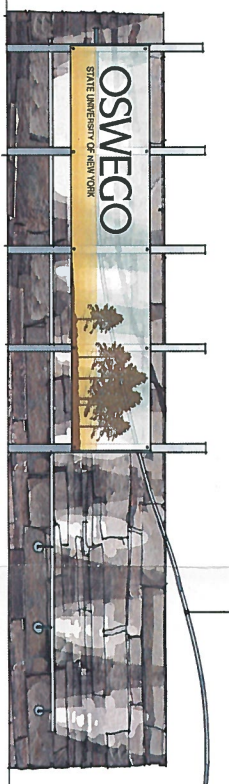
Tempered glass w/ logo & screen graphic Power-coated steel support structures Chunk blue stone wall



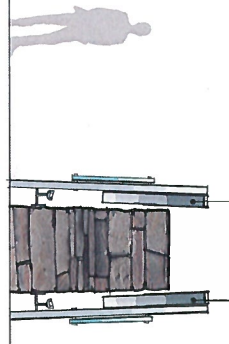
FRONT ELEVATION - OPTION 1



SIDE ELEVATION



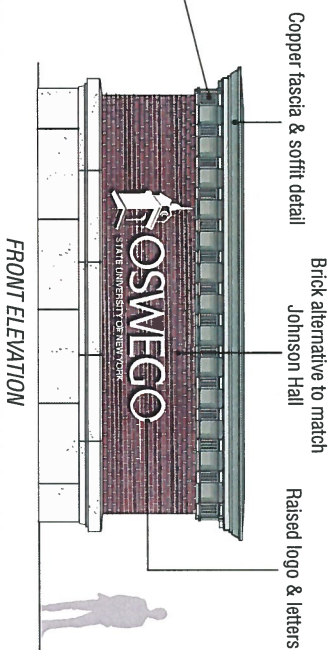
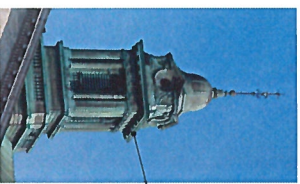
FRONT ELEVATION - OPTION 2



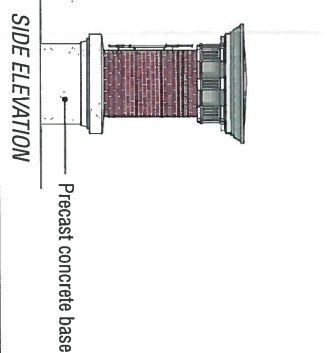
SIDE ELEVATION

STONE & GLASS

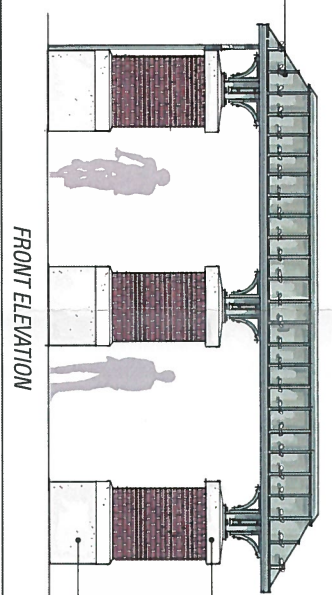
CONTEMPORARY BLEND: JOHNSON HALL BRICK



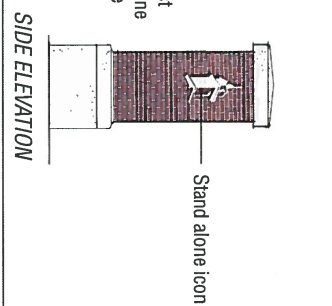
FRONT ELEVATION



SIDE ELEVATION

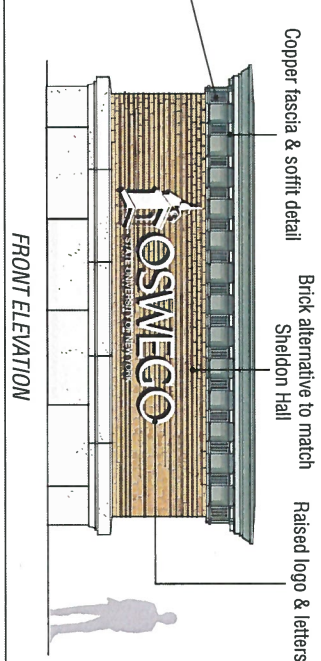
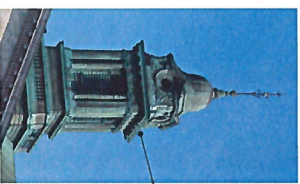


FRONT ELEVATION

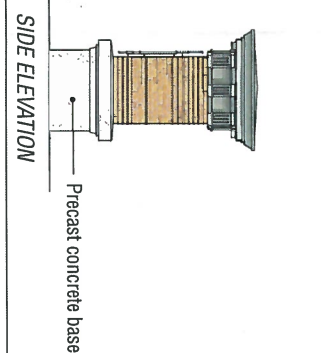


SIDE ELEVATION

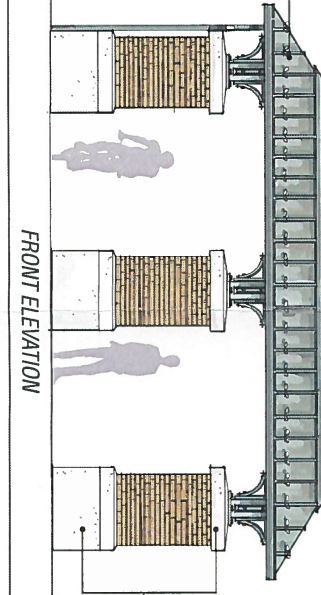
CONTEMPORARY BLEND: SHELDON HALL BRICK



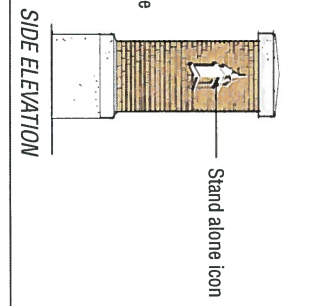
FRONT ELEVATION



SIDE ELEVATION

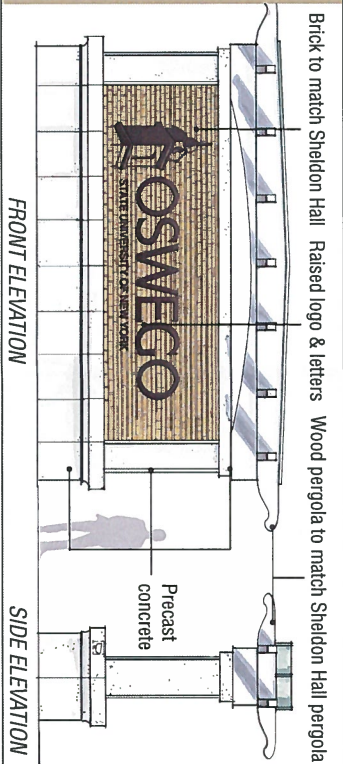


FRONT ELEVATION

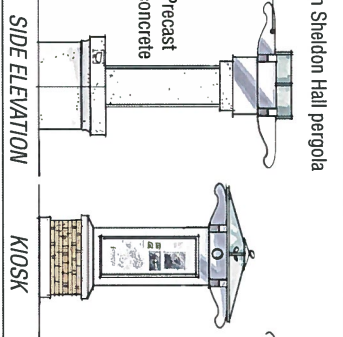


SIDE ELEVATION

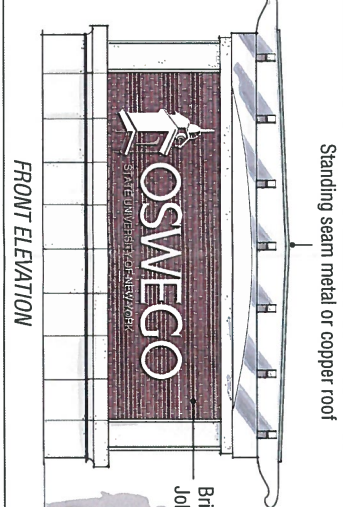
TRADITIONAL WOOD PERGOLA



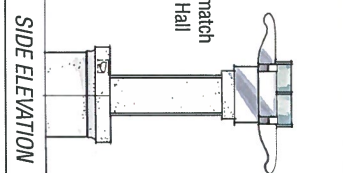
FRONT ELEVATION



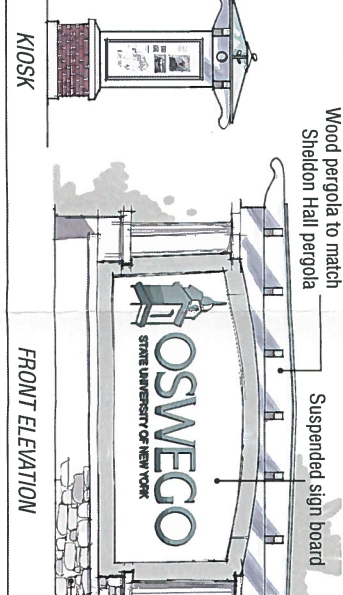
SIDE ELEVATION



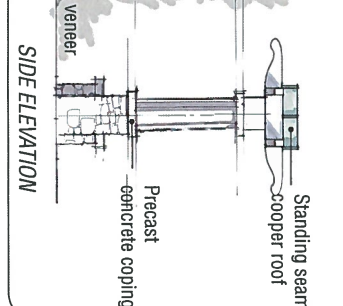
FRONT ELEVATION



SIDE ELEVATION



FRONT ELEVATION



SIDE ELEVATION

Brick to match Sheldon Hall Raised logo & letters Wood pergola to match Sheldon Hall pergola

Standing seam metal or copper roof

Wood pergola to match Sheldon Hall pergola Suspended sign board

Standing seam copper roof

Precast concrete

Brick to match Johnson Hall

Precast concrete coping

Copper fascia & soffit detail

Brick alternative to match Sheldon Hall

Raised logo & letters

Precast concrete base

Hipped roof

Precast capstone & base

Stand alone icon

Copper fascia & soffit detail

Brick alternative to match Johnson Hall

Raised logo & letters

Precast concrete base

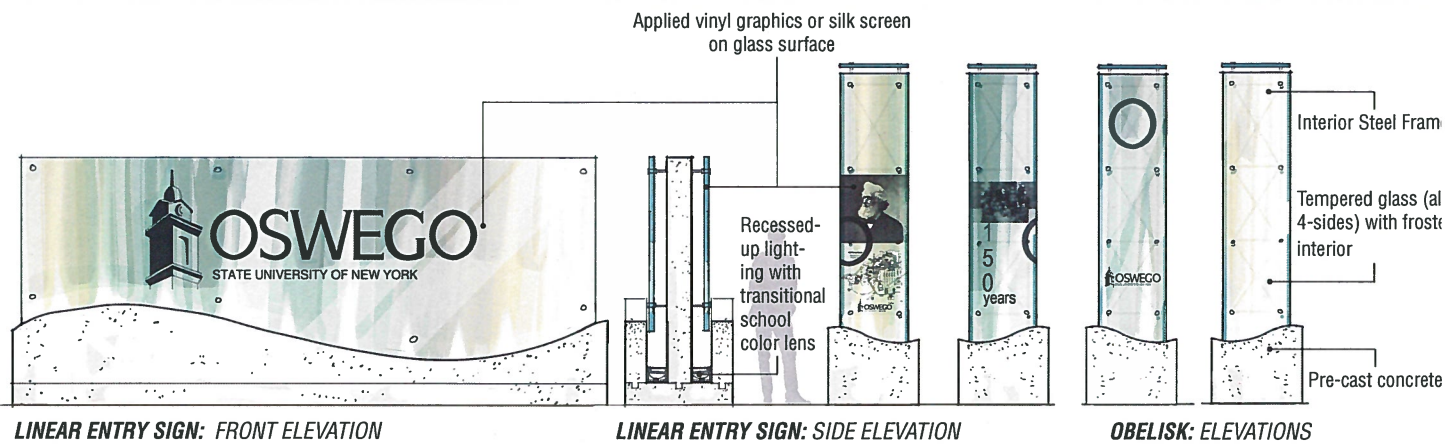
Hipped roof

Precast capstone & base

Stand alone icon

Optional wave cross bar

WAY FINDING & IDENTIFICATION SIGNAGE: FRONT ELEVATION



LINEAR ENTRY SIGN: FRONT ELEVATION

LINEAR ENTRY SIGN: SIDE ELEVATION

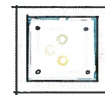
OBELISK: ELEVATIONS



BOX ENTRY SIGN: FRONT ELEVATION



WAY FINDING & IDENTIFICATION SIGNAGE: FRONT ELEVATION

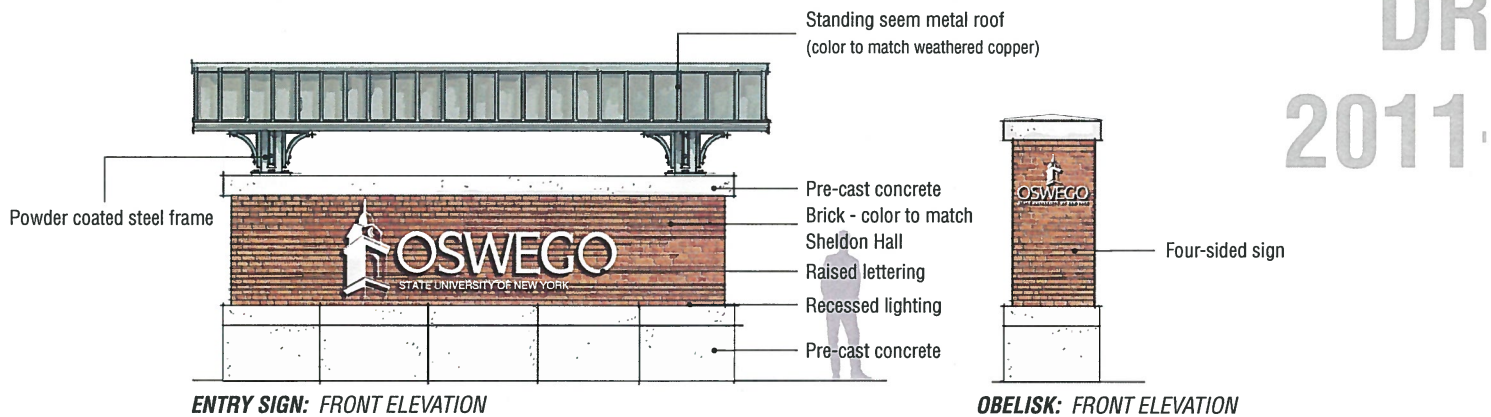


OBELISK: PLAN

CONTEMPORARY

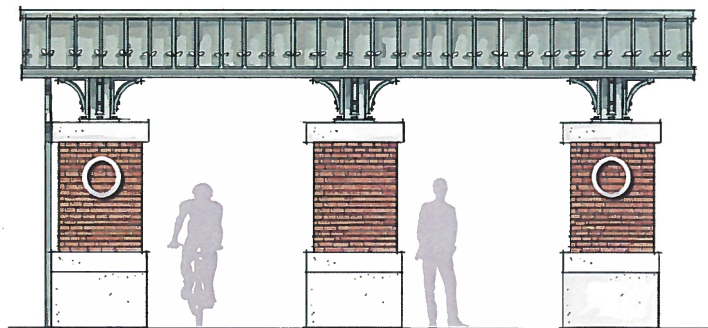
DR

2011

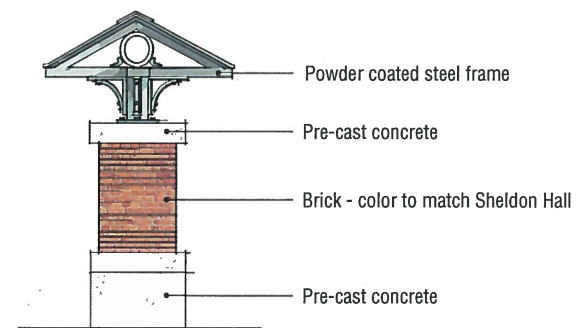


ENTRY SIGN: FRONT ELEVATION

OBELISK: FRONT ELEVATION



GATEWAY STRUCTURE: FRONT ELEVATION



GATEWAY STRUCTURE: SIDE ELEVATION

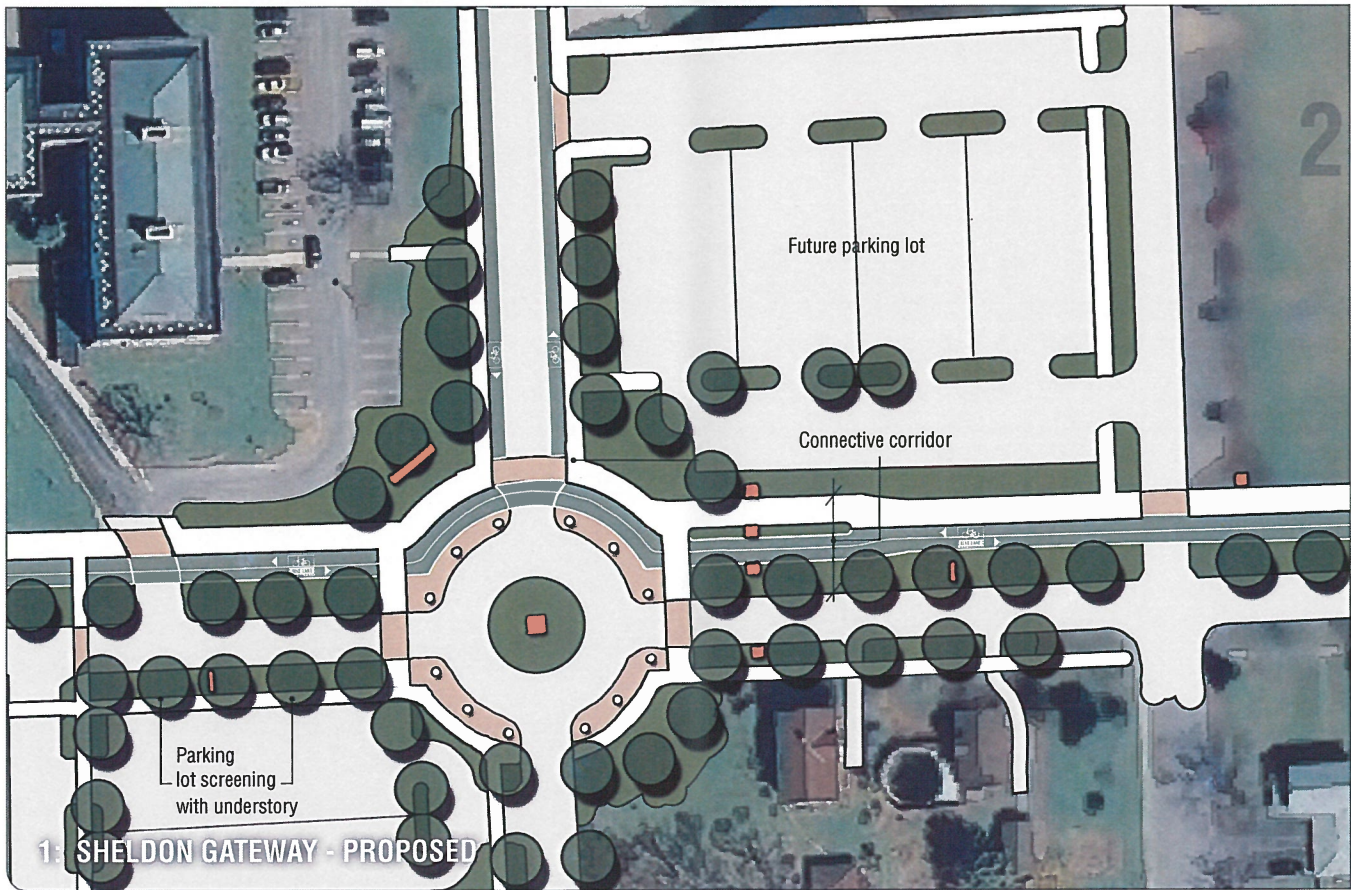
TRADITIONAL / COPPER ROOF

SUNY OSWEGO - CAMPUS GATEWAYS

Signage Studies



1: SHELDON GATEWAY - EXISTING



1: SHELDON GATEWAY - PROPOSED

DR
2011





3: RT. 104 - MAIN GATEWAY - EXISTING



3: RT. 104 - MAIN GATEWAY - CONCEPT 1 - PROPOSED



3: RT. 104 - MAIN GATEWAY - CONCEPT 2 - PROPOSED

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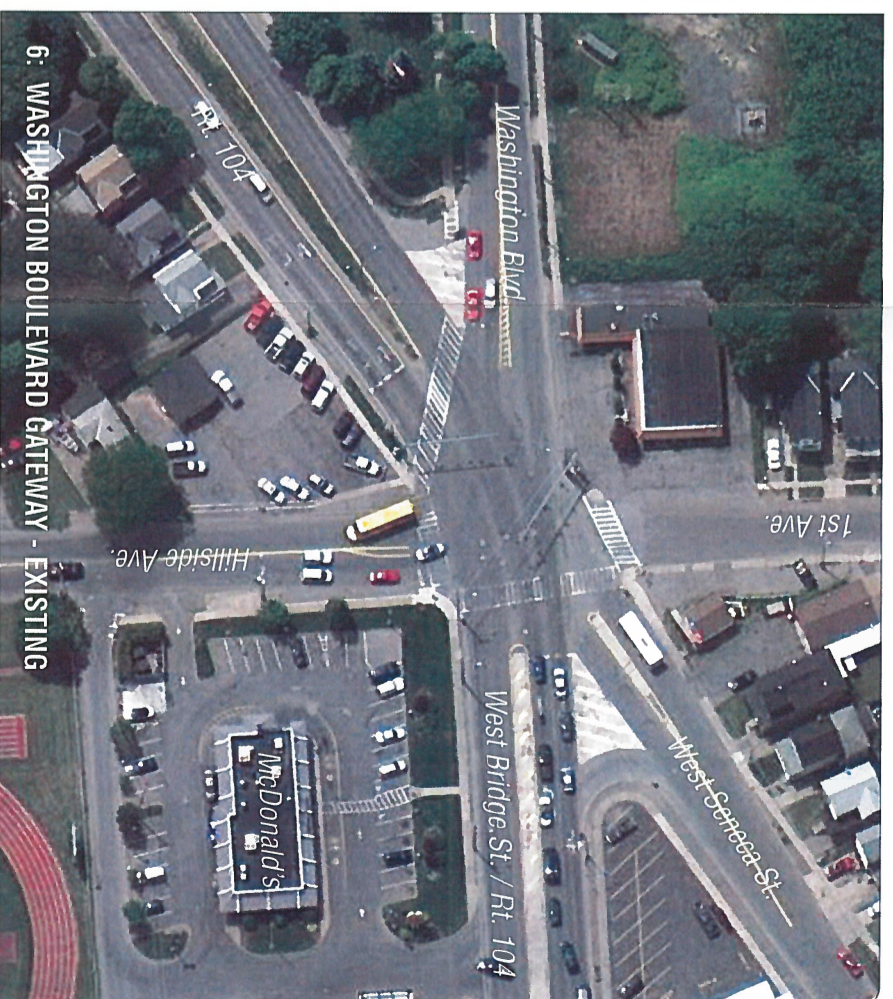




4: NEIGHBORHOOD GATEWAY - EXISTING



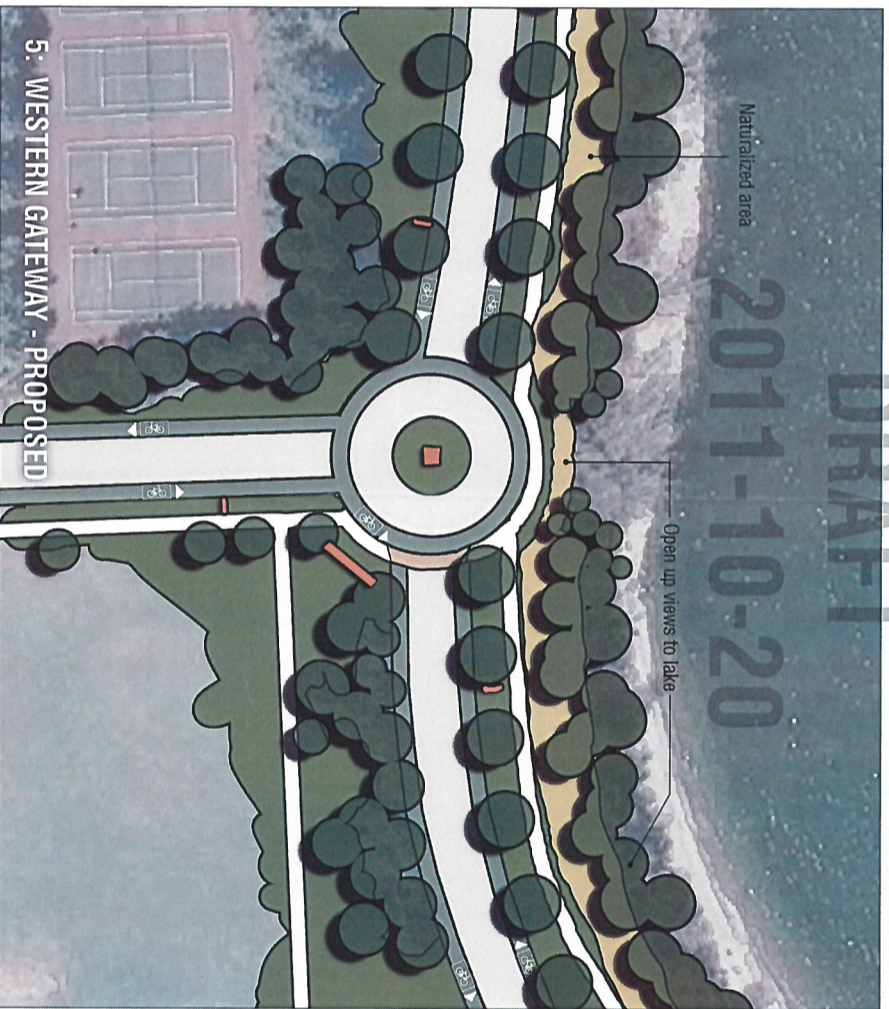
5: WESTERN GATEWAY - EXISTING



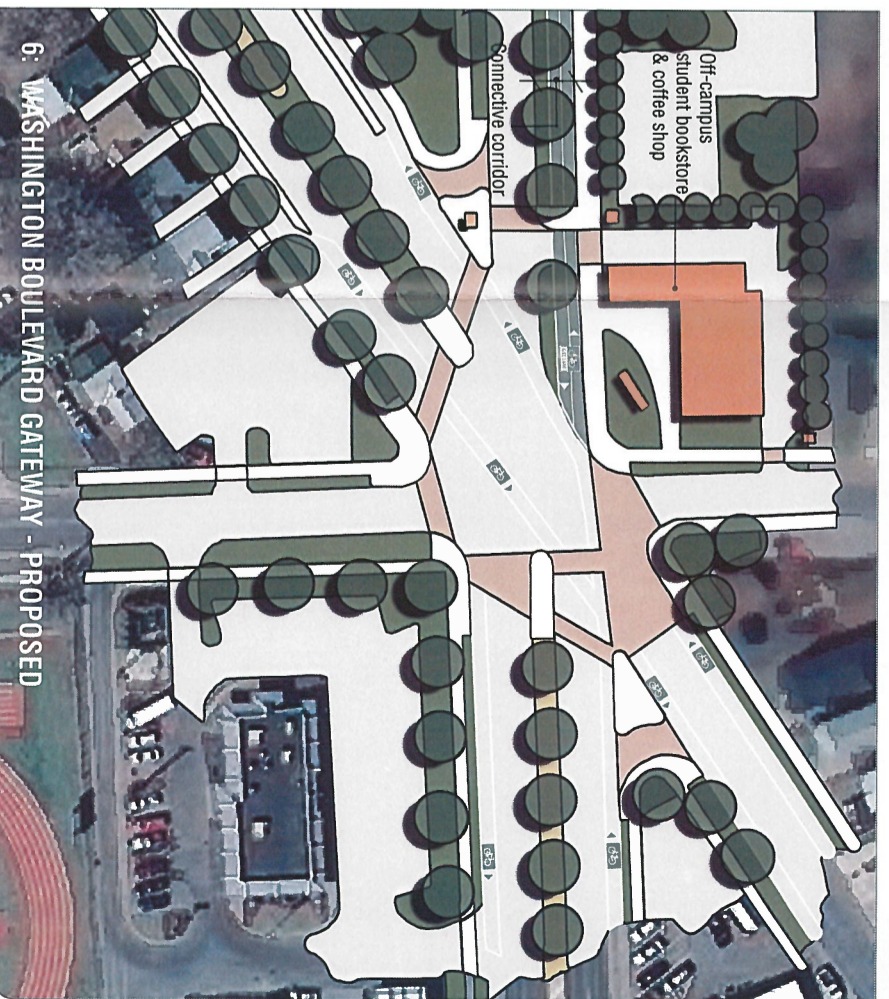
6: WASHINGTON BOULEVARD GATEWAY - EXISTING



4: NEIGHBORHOOD GATEWAY - PROPOSED



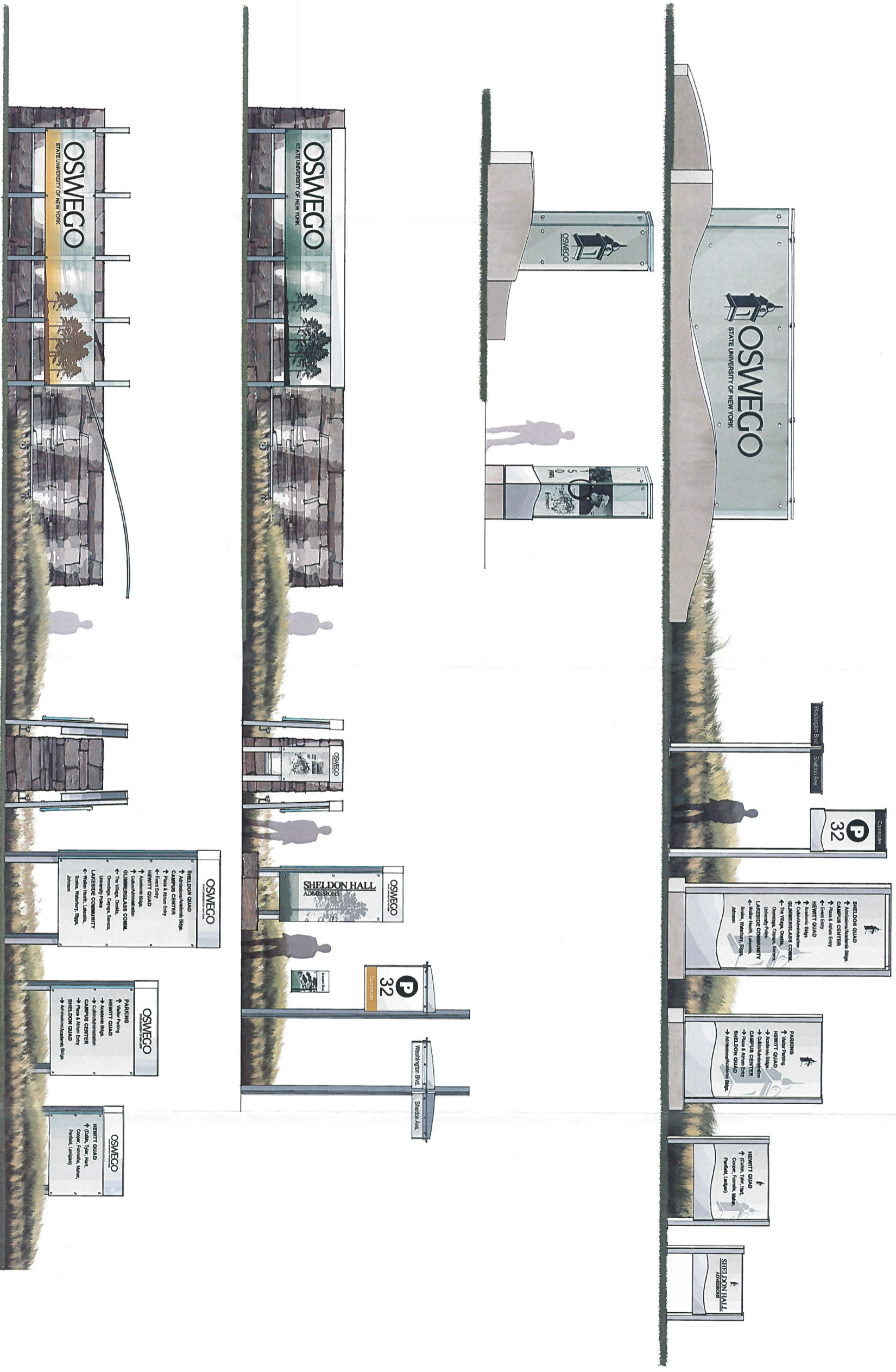
5: WESTERN GATEWAY - PROPOSED



6: WASHINGTON BOULEVARD GATEWAY - PROPOSED

SUNY OSWEGO - CAMPUS GATEWAYS
Minor Gateway Concept Plans

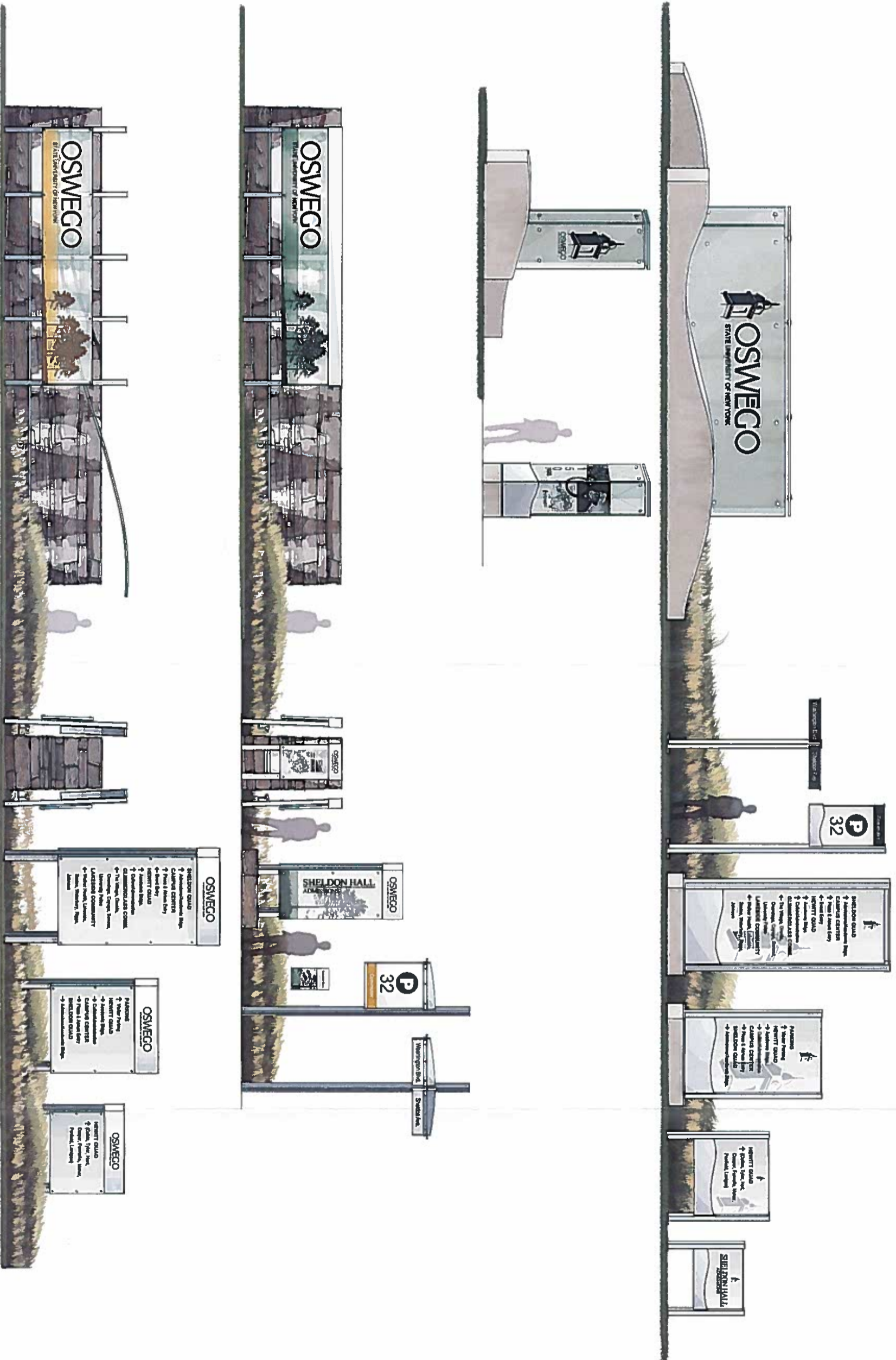




DRAFT

CONTEMPORARY SIGNAGE
 SUNY Oswego - Signage Concepts
 PREPARED BY: edr Companies
 DATE: 01-17-12





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CONTEMPORARY SIGNAGE
 SUNY Oswego - Signage Concepts
 PREPARED BY: edr Companies
 DATE: 01-17-12



















