



SUNY Oswego Campus-wide Lactation Room
Implementation Study

REVISED November 29, 2016



Dwyer Architectural
313 East Willow Street Suite 107
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I. EXECUTIVE SUMMARY

In an effort to comply with the Affordable Care Act, SUNY Oswego is beginning to designate one Lactation Room in each academic building on campus for faculty, staff, students, and visitor use. A list of proposed locations was provided to Dwyer Architectural and Watts Architecture & Engineering for review.

The Design team visited the campus and reviewed each location to meet the Architectural and MEP requirements for an *occupied space*, as well as AIA/ Affordable Care Act recommendations specific to Lactation Rooms. This report includes Architectural and MEP narratives and sketches outlining required and recommended work for each proposed location and rough order of magnitude costs.

II. ARCHITECTURAL NARRATIVE

A. CODES AND STANDARDS

General construction work shall comply with the following references:

1. 2015 International Building Code (Business Occupancy)
2. 2015 International Existing Building Code (Alteration Level 2)
3. 1999 ANSI A117.1 – Handicapped Accessibility Standards as referenced by the Building Code of New York State.
4. 2000 NFPA – Life Safety 101
 - a. Specific references for occupied spaces considered include the following:
 - Size: An occupied space must have a minimum clear width of 7'-0"x 7'-0".
 - Ceiling Height: Code requires a minimum headroom clearance of 7'6" in new spaces and 7'-0" in existing spaces.

Basis for the design of general room layouts and other criteria outlining the utilization of rooms as lactation spaces:

1. AIA Best Practices, "Lactation Room Design", February 2008
 - a. Specific references considered include the following:
 - Location: Lactation Rooms should be located in a safe area accessible to all. They should not be located in areas

that would not be suitable for preparation or storage of food.

- Privacy: Lactation Rooms shall have acoustic and visual privacy. Install a lockable door. Walls should be constructed to reach the underside of structure wherever possible to minimize the transmission of sound to adjacent spaces. Carpet is recommended to increase acoustic properties.
- Furnishing: provide a task chair suitable for a workstation. Seat, back, armrest is preferred. Casters are recommended to allow the user freedom of movement when hands are occupied with bottles of milk and pump accessories.
- Table/ counter: provide a table or counter work surface for the pump and bottles to rest adjacent to chair. If a telephone is provided it should be within reach of the work area.
- Accessories: useful accessories include a trashcan, paper towel dispenser, coat rack, and full-length mirror. If several mothers are using the room, a bulletin board outside the door will help secure room use.

A. DEMOLITION AND EXISTING CONDITIONS

1. Most spaces require little demolition. For the purposes of this study, no hazardous material abatement has been included.

B. GENERAL CONSTRUCTION

1. INTERIOR PARTITIONS

a. Gypsum Board Partitions:

1. One layer 5/8" gypsum drywall type X, typical each side of 3 5/8" 25 ga. metal studs at 24" OC.
2. 5/8" water resistant GWB at wet areas.
3. Wall system construction shall achieve sound transmission class (STC) rating of 45 for acoustic privacy.
4. All partitions to have sound batt insulation.
5. All partitions to be taped, finished, and painted.
6. All penetrations and openings to be packed with sound batt insulation.
7. Solid wood blocking to be fire rated.

2. INTERIOR DOORS AND HARDWARE

- a. Typical 7'-0" High Wood Doors:
 - 1. Faces: Door leaf per the SUNY Oswego Campus Design Standard.
 - 2. AWI Quality Grade: Premium with Grade AA Faces with transparent finish
 - 3. Construction: 5 plies, glued blocked core
 - 4. Ratings: As required
- b. Hollow Metal Frames (Typical): 18 ga. shop primed and field painted. Knock down type at 3'-0" openings or smaller.
- c. Hardware:
 - 1. All Hardware to be per SUNY Oswego standards.
 - 2. Locksets with ADA compliant lever latch.
 - 3. Electric strikes or mag-locks on access control doors / shop installed where applicable.

3. INTERIOR FINISHES

- a. Wall Finishes:

All walls to be taped and sanded per industry standard, USG level 3 finish.

 - 1. Paint (PNT):
 - a. Products per the SUNY Oswego Campus Design Standard.
 - b. Three-coat system typical: one primer coat and two finish coats of latex eggshell paint at all areas except masonry, which shall receive epoxy paint.
- b. Floor Finishes:

Floor substrates to be prepped as required to receive new finishes. In compliance with the state building code and ANSI standards, sufficient slip resistance is specified for all flooring.

 - 1. Self Leveling Underlayment: The concrete subfloor where floor tile has been removed to receive:
 - a. Major cracks: Ardex "Ardifix"
 - b. Concrete Primer: Ardex P-51

- c. Self Leveling Underlayment: Ardex K-10
 2. Vinyl Composition Tile (VCT): SUNY Oswego Campus Design Standard.
 3. Carpet Tile (CPT): SUNY Oswego Campus Design Standard
 4. Resilient Base (RCB): 4" High
- c. Ceilings:
 1. Paint existing gypsum wall board (GYP) as required for new Lactation Rooms.
 2. Acoustical Ceiling panels (ACT): USG Sandrift or equal, 2 x 2 mineral fiber panels with suspended ceiling grid.
- d. Signage: SUNY Oswego Campus Design Standard

III. MEP Narrative

In order for the proposed Lactation Room(s) to be an *occupied space* as defined by the 2015 International Building Code, the room will require lighting with a means for automatic control as well as having the ability to provide a controlled temperature to the space for HVAC requirements. This may require the installation of a thermostat or in some cases ductwork to provide supply and exhaust diffusers.

The AIA Best Practices, "Lactation Room Design" identify additional room requirements for comfort of the user including the following:

- Receptacles located in the space for plugging in lactation equipment, charging personal phones, or other electronic equipment
- Telephone/data outlet
- GFI receptacle if small refrigerator is provided in the space
- Overhead lighting connected to emergency power panel if no windows in the room or battery pack light for emergency egress.
- Additional task lights can be provided for sinks or other work area locations

The lighting in the room could also be dimmable to provide a lower lighting level based on the user(s) preferences.

The Code does not require a sink in these spaces, but is recommended by AIA for rinsing of pumping accessories and hand washing.

Summary of MEP Work per room:

1. Commissary:
 - a. Existing ductwork from existing office to be extended into lactation room
 - b. New light and switching to be installed
 - c. New receptacles and data outlet
 - d. New smoke detector is required, and fire alarm strobe is recommended

2. Culkin Hall:
 - a. Existing HVAC to remain
 - b. New light switch to control existing light fixture re-circuited
 - c. Existing outlets to remain.
 - d. New smoke detector is required, and fire alarm strobe is recommended

3. Funnelle Hall:
 - a. Existing HVAC ductwork to be extended into room with new diffuser
 - b. New smoke detector is required, and fire alarm strobe is recommended
 - c. New outlet and data outlet
 - d. Reuse existing light fixture and existing lighting circuit with new light fixture

4. King Hall:
 - a. New light fixture and switch
 - b. New smoke detector is required, and fire alarm strobe is recommended
 - c. New power/ data outlets

5. Laker Hall:
 - a. Existing HVAC to be extended into room with new diffuser
 - b. New light and switch
 - c. New power/ data outlets
 - d. New smoke detector is required, and fire alarm strobe is recommended

6. Lanigan Hall:
 - a. Existing HVAC to be extended into room as required
 - b. New light and switch
 - c. New power/ data outlets

d. New smoke detector is required, and fire alarm strobe is recommended

7. Lee Hall:

- a. Existing HVAC to be extended into room as required
- b. New light and switch
- c. New power/ data outlets
- d. New smoke detector is required, and fire alarm strobe is recommended

8. Marano Campus Center:

- a. New smoke detector is required, and fire alarm strobe is recommended
- b. Reuse existing lighting and receptacles, replace one receptacle with new USB port receptacle

9. Onondaga Hall:

- a. Existing HVAC to be extended into room with new diffuser
- b. New light and switch
- c. New power/ data outlets
- d. New smoke detector is required, and fire alarm strobe is recommended

10. Rich Hall:

- a. New outlet with USB port connected to existing outlet
- b. New fire alarm strobe is recommended
- c. Reuse existing light fixtures and switch



1

MAIN CAMPUS KEY PLAN
NTS

MAIN CAMPUS KEY PLAN

DATE ISSUED: 11/18/2016

SUNY OSWEGO

CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

PROJ. NO: 16-042

Main Campus
Oswego, NY 13126



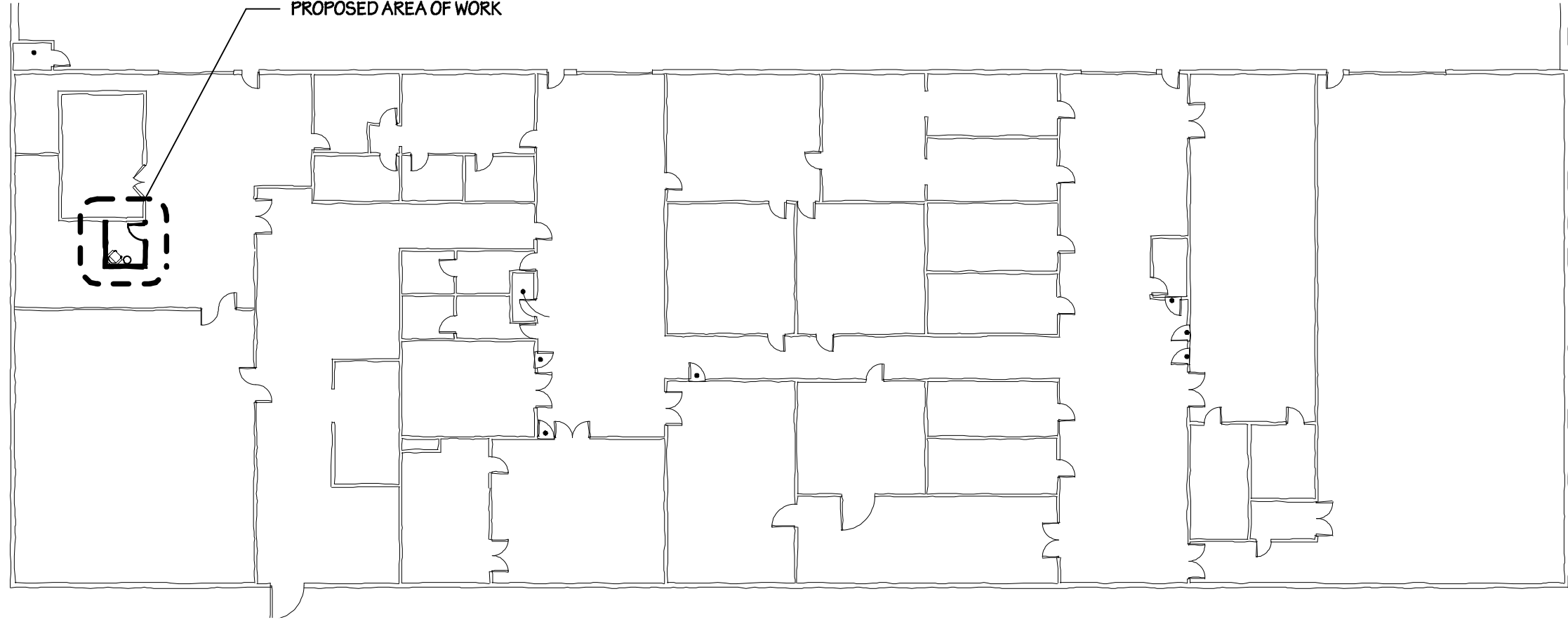
MAIN-001



NORTH

1

COMMISSARY FIRST FLOOR KEY PLAN
NTS



COMMISSARY CENTRAL RECEIVING FIRST FLOOR

DATE ISSUED: 11/18/2016

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COM-001

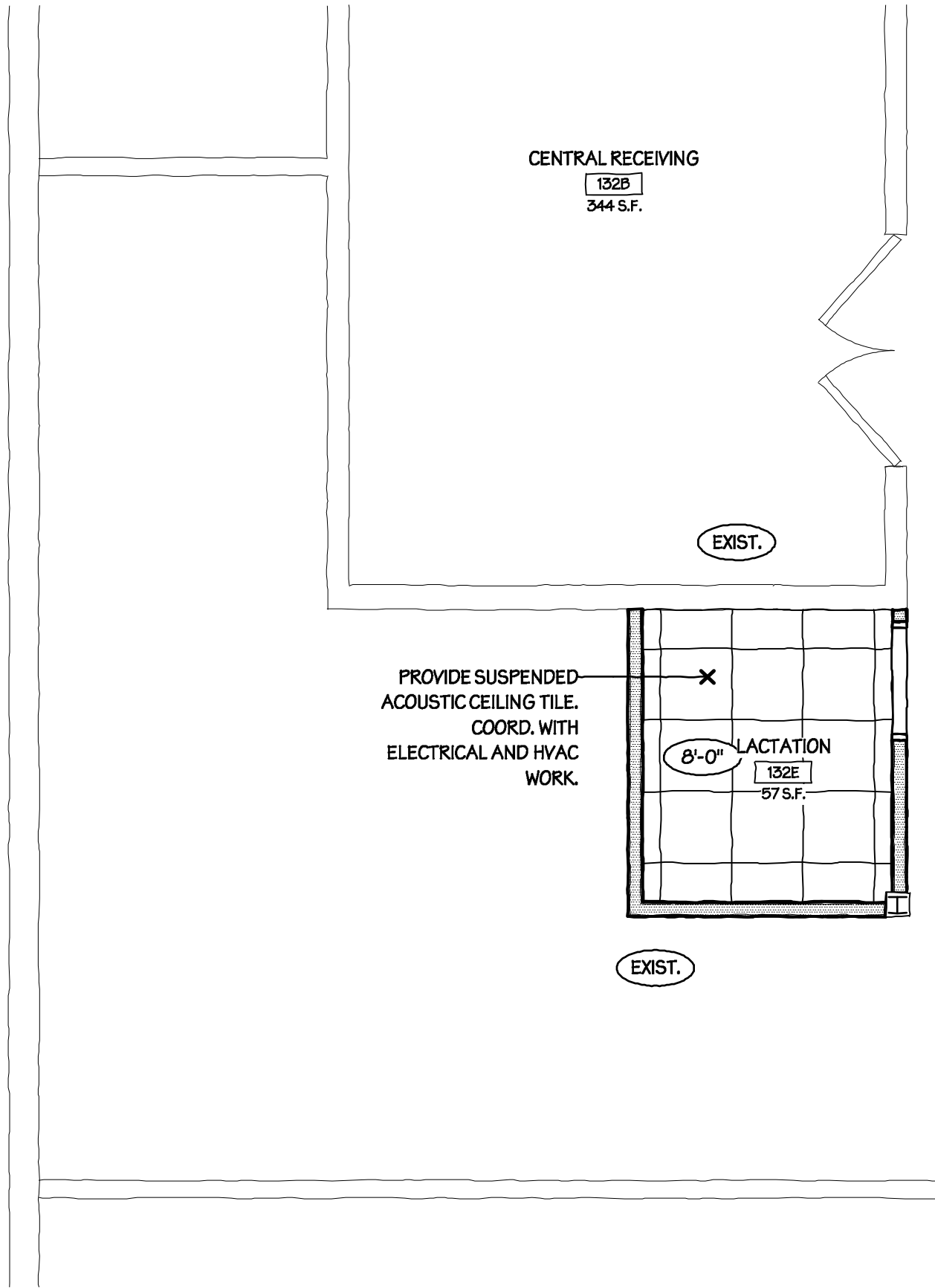


NORTH

2

PROPOSED REFLECTED CEILING PLAN

Scale: 1/4" = 1'-0"

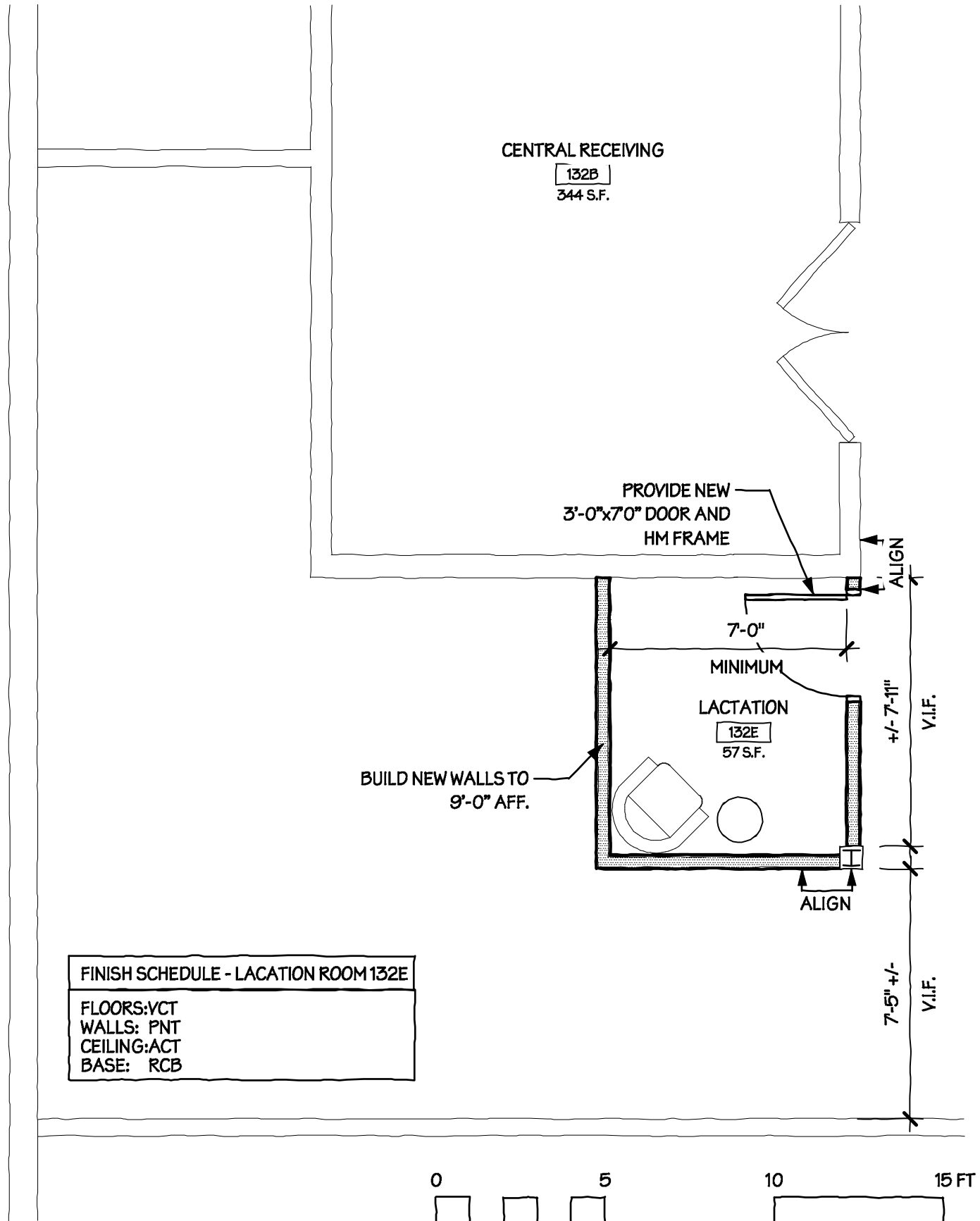


NORTH

1

PROPOSED CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



COMMISSARY CENTRAL RECEIVING FIRST FLOOR

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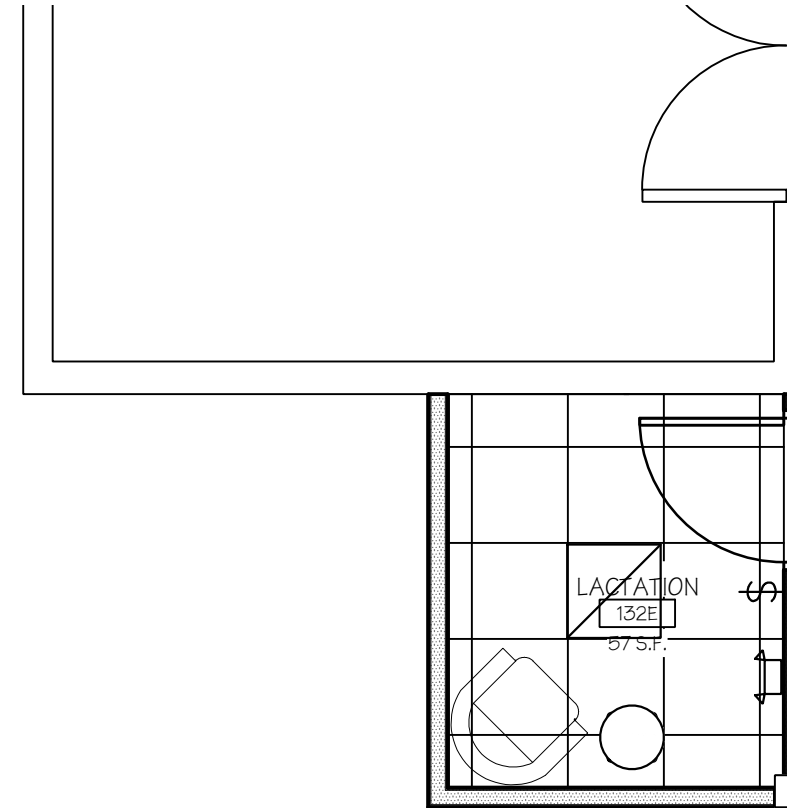
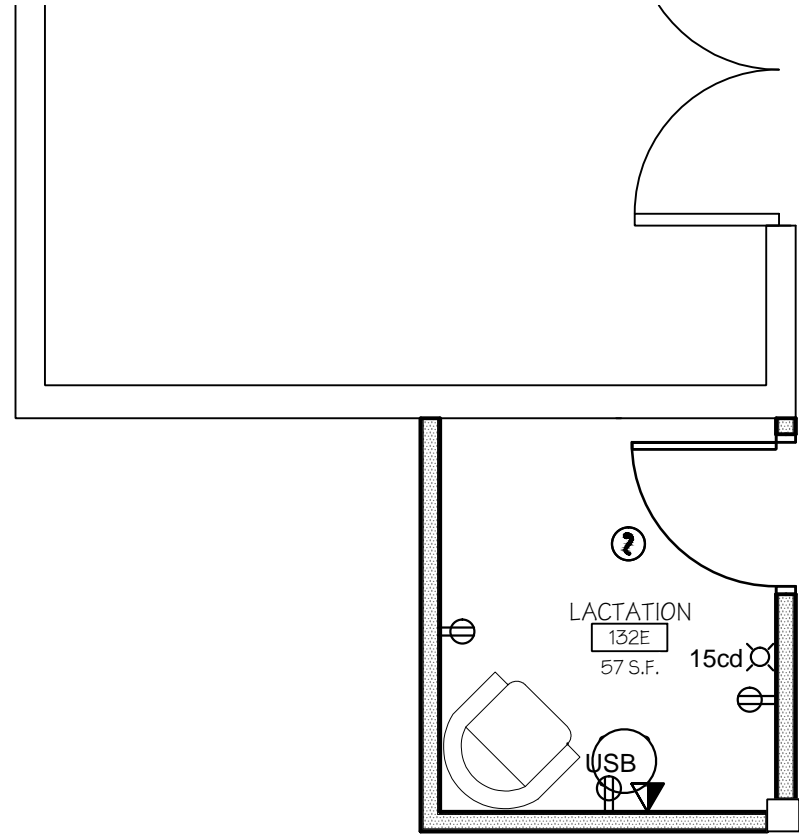
COM-002

ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
⊕?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊕X	FIRE ALARM VISUAL DEVICE, 'XXcd' ASSIGNS INTENSITY
⊕	2x2 LIGHTING FIXTURE
⊕	EMERGENCY LIGHT
▼	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM

DRAWING NOTES

1. PROVIDE SUPPLY AND RETURN DIFFUSERS IN CEILING GRID AND CONNECT DUCTWORK TO EXISTING HVAC SYSTEM.
2. RECEPTACLES TO BE CONNECTED TO 1P 20A CIRCUIT BREAKER IN NEAREST PANEL.
3. PROVIDE NEW LIGHTING FIXTURE AND CONNECT TO NEARBY LIGHTING CIRCUIT WITH AVAILABLE CAPACITY. FIXTURE TO BE CONTROLLED BY NEW LIGHT SWITCH.
4. PROVIDE NEW SMOKE DETECTOR AND STROBE AND CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 **ELECTRICAL POWER AND FIRE ALARM PLAN**
1/4" = 1'-0"

2 **ELECTRICAL LIGHTING PLAN**
1/4" = 1'-0"

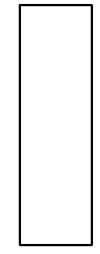
Drawing Title COMMISARY HALL LACTATION ROOM

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Main Campus
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REV. NO.: A###
PROJ. NO: 16-042





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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Commissary Central Receiving First Floor

11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 57 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT	\$	-
1	DEMOLITION	\$	-
2	SITE WORK	\$	-
3	CONCRETE	\$	-
4	MASONRY	\$	-
5	METALS	\$	-
6	WOODS AND PLASTICS	\$	-
7	THERMAL AND MOISTURE PROTECTION	\$	-
8	DOORS & WINDOWS	\$	1,500.00
9	FINISHES	\$	2,410.00
10	SPECIALTIES	\$	-
11	EQUIPMENT	\$	-
12	FURNISHINGS	\$	-
13	SPECIAL CONSTRUCTION	\$	-
14	CONVEYING SYSTEMS	\$	-
GENERAL CONSTRUCTION SUBTOTAL			\$ 3,910.00
21	FIRE PROTECTION	\$	-
22	PLUMBING	\$	-
23	HVAC	\$	1,150.00
26	ELECTRICAL	\$	2,350.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 3,500.00
SUBTOTAL CONSTRUCTION COST			\$ 7,410.00
	GENERAL REQUIREMENTS - 15%	\$	-
	DESIGN CONTINGENCY - 5%	\$	-
	OVERHEAD AND PROFIT - 15%	\$	-
	ESCALATION FOR 4 MONTHS - 3% PER YEAR	\$	-
TOTAL CONSTRUCTION COST			\$ 7,410.00



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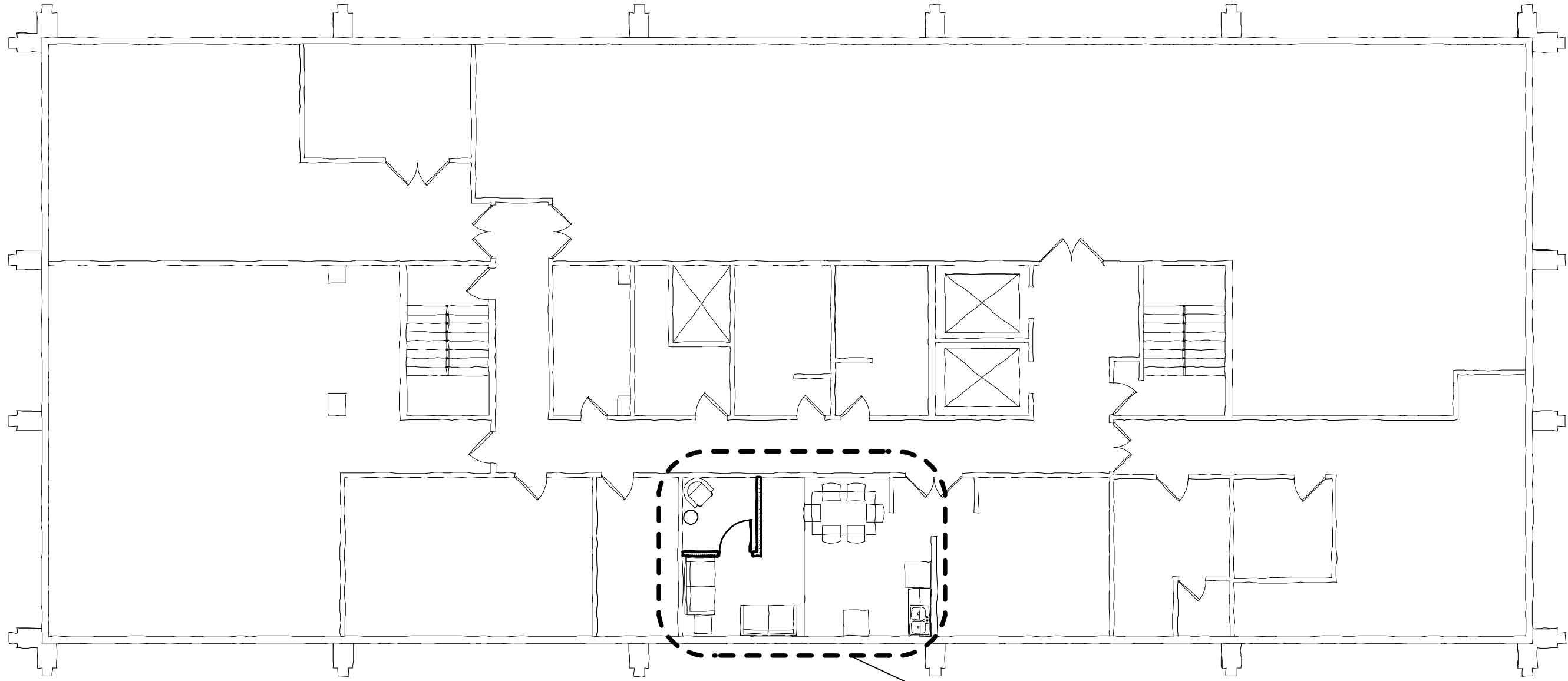
Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Commissary Central Receiving First Floor

11/18/2016

Dwyer Project No. 16-042

DIV. NO.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT COST	TOTAL
DIV. 8	DOORS & WINDOWS				
	3' x 7' wood door, knock-down metal frame & hardware	1	EA	\$ 1,500.00	\$ 1,500.00
				DIVISION 8	\$ 1,500.00
DIV. 9	FINISHES				
	WALL CONSTRUCTION Partition - 3-5/8" metal stud with 5/8" drywall both sides (assume 9' high)	206	S.F.	\$ 4.76	\$ 980.56
	CEILINGS 2 x 2 ceilings	57	S.F.	\$ 5.00	\$ 285.00
	FLOORING VCT	57	SF	\$ 2.36	\$ 134.52
	Rubber base	53	LF	\$ 2.92	\$ 154.76
	Floor Prep	57	SF	\$ 4.36	\$ 248.52
	PAINTS AND COATINGS Paint interior walls	474	SF	\$ 1.20	\$ 568.80
	Paint door frames	1	EA	\$ 40.00	\$ 40.00
				DIVISION 9	\$ 2,410.00
TOTAL (Base Bid)					\$ 3,910.00

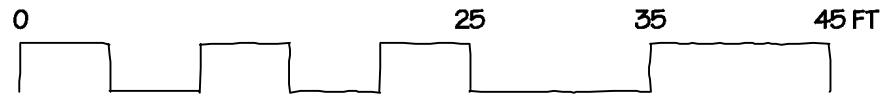


PROPOSED AREA OF WORK



1

CULKIN HALL LOWER LEVEL KEY PLAN
NTS



CULKIN HALL: LOWER LEVEL

DATE ISSUED: 11/18/2016

SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

PROJ. NO: 16-042



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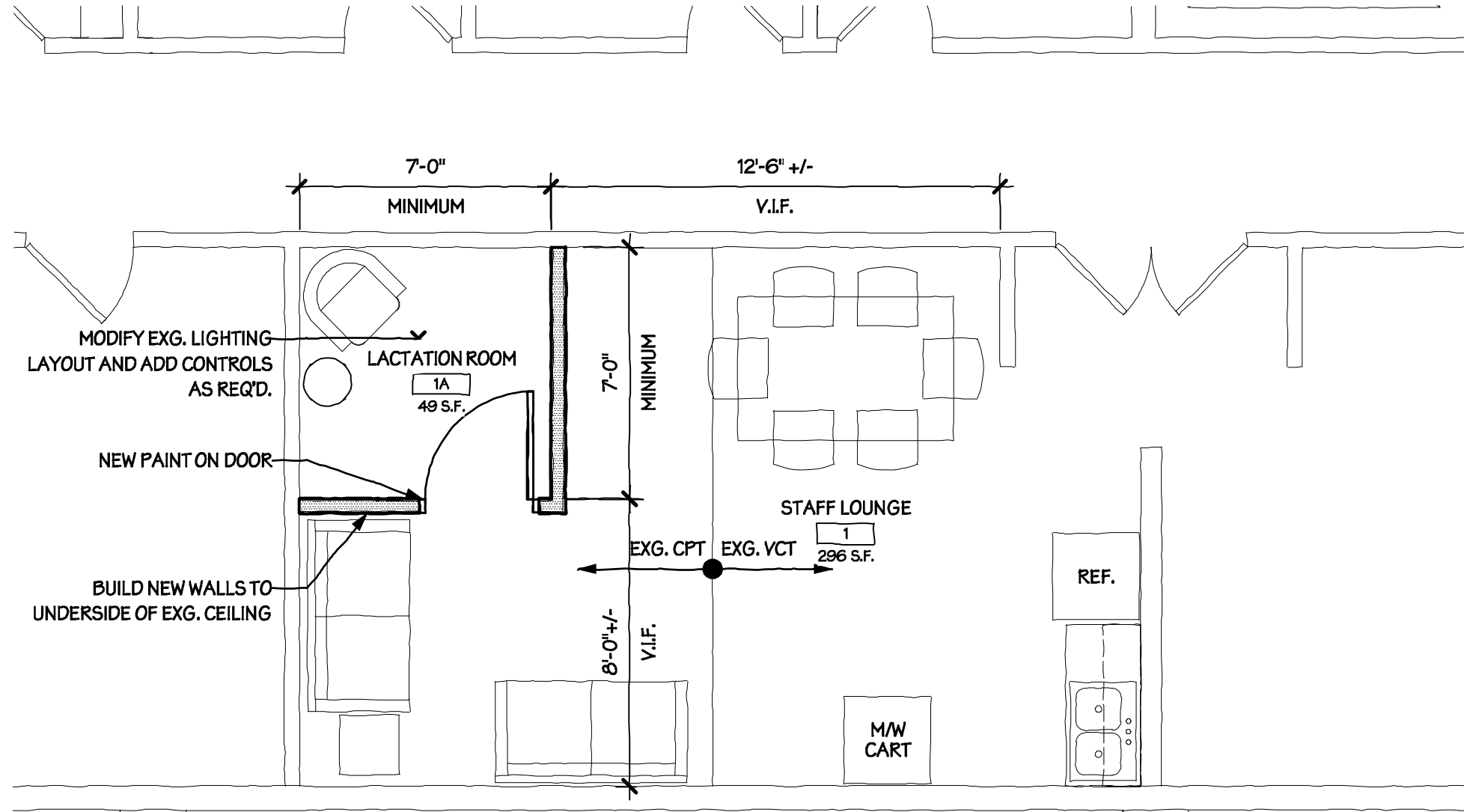
CUL-001



1

PROPOSED CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



FINISH SCHEDULE - LACATION ROOM 1A

FLOORS: PATCH EXG
 WALLS: PNT
 CEILING: EXG
 BASE: MATCH EXG

NOTE: PAINT OUTSIDE OF NEW WALLS
 ON STAFF LOUNGE SIDE TO
 MATCH EXG ADJACENT



CULKIN HALL: LOWER LEVEL

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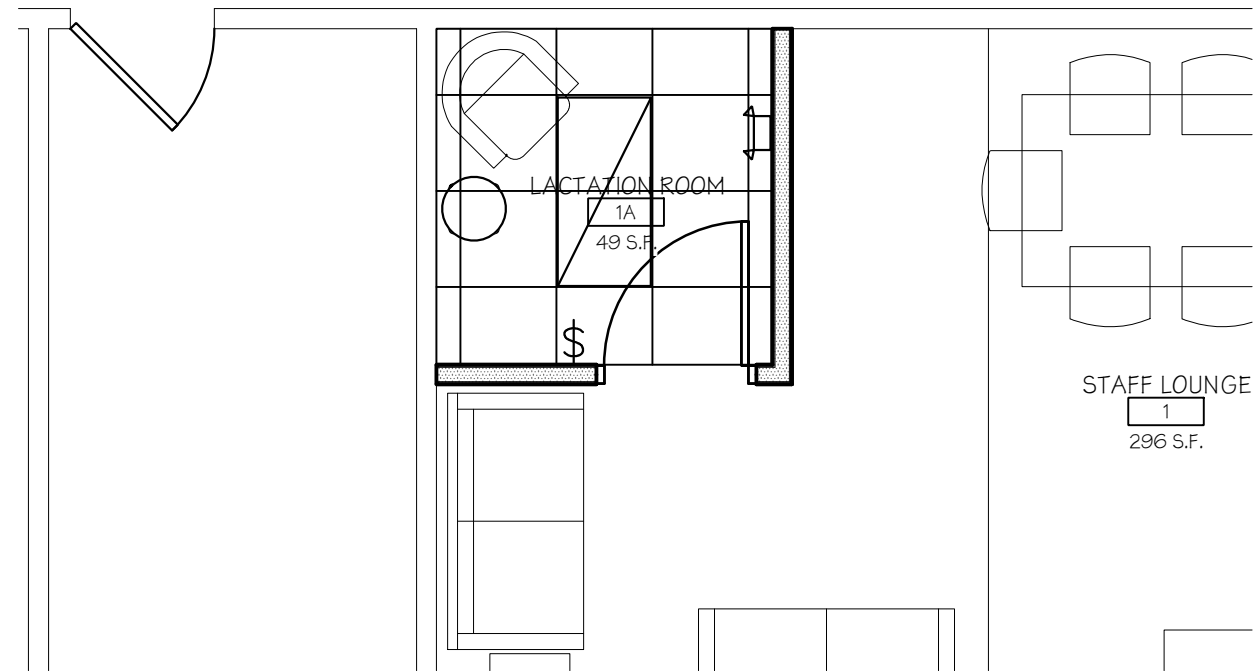
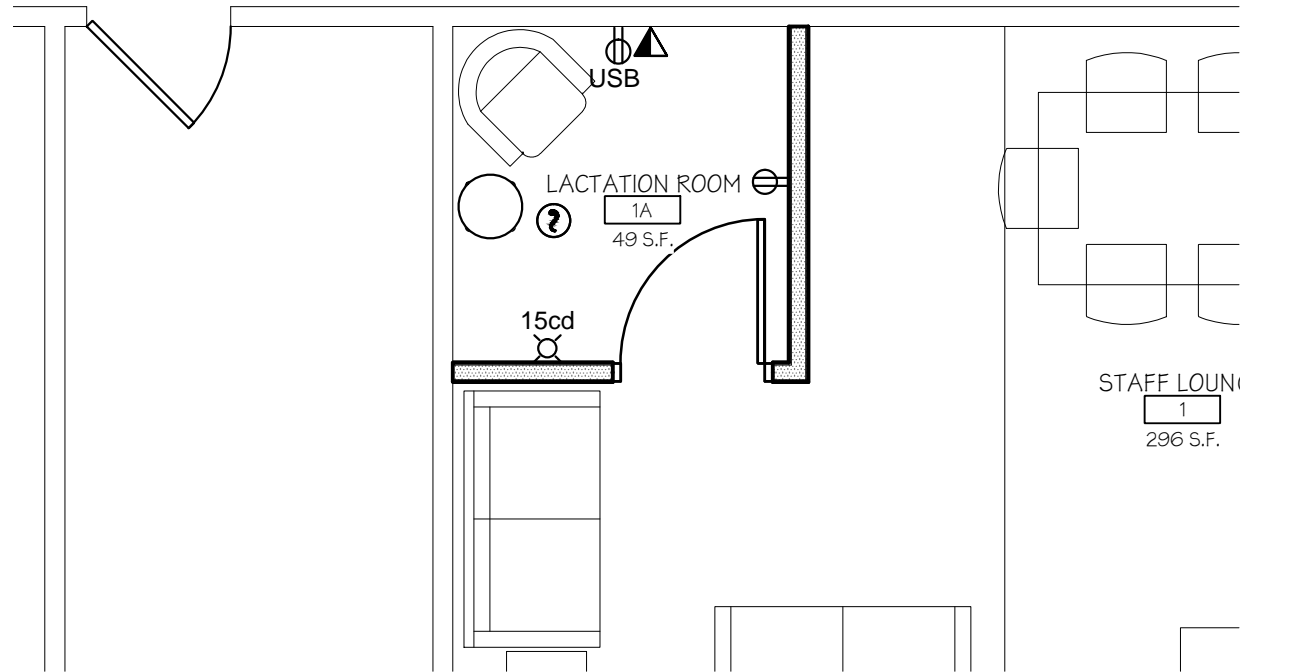
CUL-002

ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
⊕?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊕X	FIRE ALARM VISUAL DEVICE, 'C' INDICATES CEILING MOUNT, 'XXcd' ASSIGNS INTENSITY
⊕	2x4 LIGHTING FIXTURE
⊕	EMERGENCY LIGHT
▼	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM

DRAWING NOTES

1. PROVIDE DIFFUSER IN CEILING AND CONNECT DUCTWORK TO EXISTING SYSTEM.
2. PROVIDE ADDITIONAL RECEPTACLES AS REQUIRED AND CONNECT TO RECEPTACLE CIRCUIT SERVING THE AREA. REPLACE RECEPTACLE WITH USB RECEPTACLE IN LOCATION SHOWN.
3. RELOCATE EXISTING 2X4 FLUORESCENT LIGHT FIXTURE TO CENTER OF ROOM. CONTROL LIGHT FROM NEW LIGHT SWITCH AT LOCATION SHOWN.
4. CONNECT FIRE ALARM SMOKE DETECTOR AND STROBE TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 ELECTRICAL POWER AND FIRE ALARM PLAN
1/4" = 1'-0"

2 ELECTRICAL LIGHTING PLAN
1/4" = 1'-0"

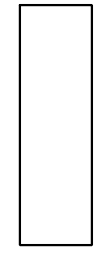
Drawing Title CULKIN HALL LACTATION ROOM

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REV. NO.: A###
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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Culkin Hall: Lower Level

11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 49 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT	\$	-
1	DEMOLITION	\$	-
2	SITE WORK	\$	-
3	CONCRETE	\$	-
4	MASONRY	\$	-
5	METALS	\$	-
6	WOODS AND PLASTICS	\$	-
7	THERMAL AND MOISTURE PROTECTION	\$	-
8	DOORS & WINDOWS	\$	1,500.00
9	FINISHES	\$	122.64
10	SPECIALTIES	\$	100.00
11	EQUIPMENT	\$	-
12	FURNISHINGS	\$	-
13	SPECIAL CONSTRUCTION	\$	-
14	CONVEYING SYSTEMS	\$	-
GENERAL CONSTRUCTION SUBTOTAL			\$ 1,722.64
21	FIRE PROTECTION	\$	-
22	PLUMBING	\$	-
23	HVAC	\$	1,150.00
26	ELECTRICAL	\$	2,085.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 3,235.00
SUBTOTAL CONSTRUCTION COST			\$ 4,957.64
GENERAL REQUIREMENTS - 10%			\$ 495.00
DESIGN CONTINGENCY - 5%			\$ 250.00
ESCALATION FOR 4 MONTHS - 3% PER YEAR			\$ 50.00
TOTAL CONSTRUCTION COST			\$ 5,752.64



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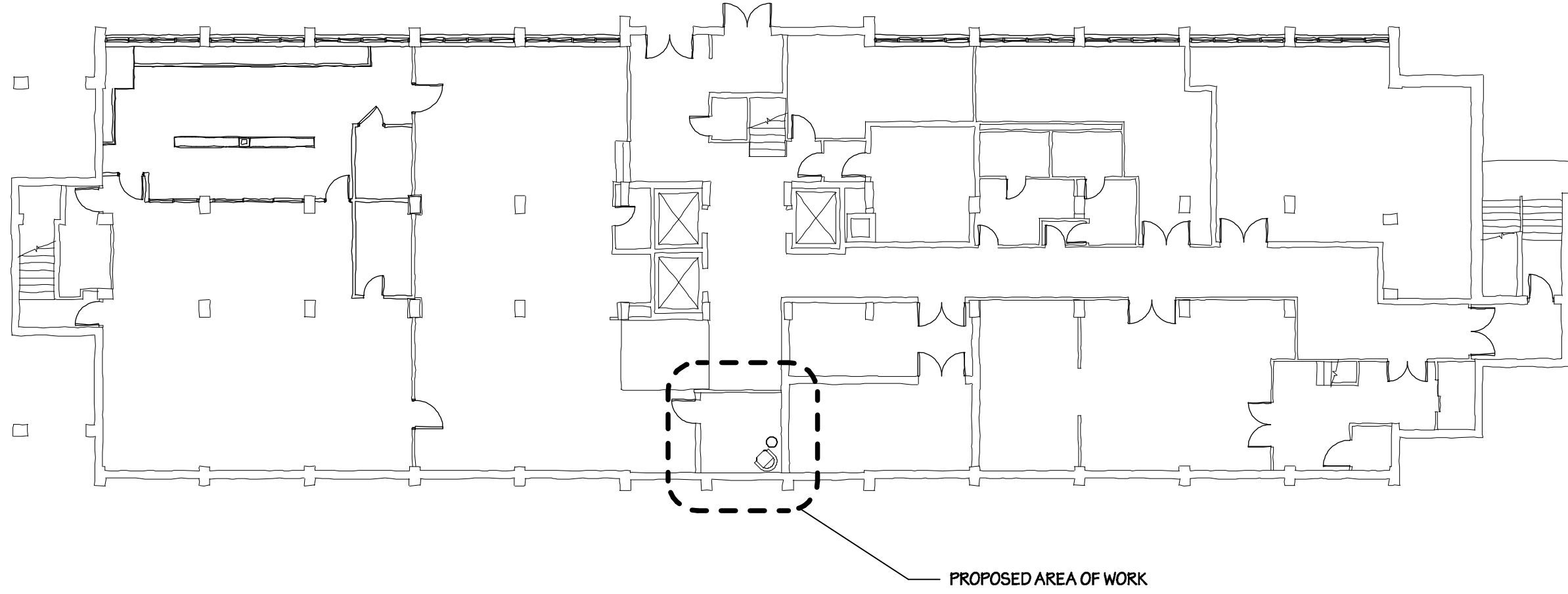
Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Culkin Hall: Lower Level

11/18/2016

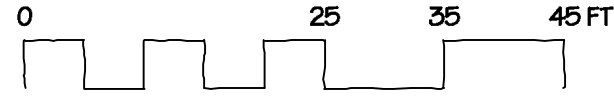
Dwyer Project No. 16-042

DIV. NO.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT COST	TOTAL
DIV. 8	DOORS & WINDOWS				
	3' x 7' wood door, knock-down metal frame & hardware	1	EA	\$ 1,500.00	\$ 1,500.00
				DIVISION 8	\$ 1,500.00
DIV. 9	FINISHES				
	WALL CONSTRUCTION Partition - 3-5/8" metal stud with 5/8" drywall both sides (assume 8' high)	112	S.F.	\$ 4.76	\$ 533.12
	PAINTS AND COATINGS Paint interior walls (primer + 2 coats)	336	SF	\$ 1.20	\$ 403.20
	Paint door frames	1	EA	\$ 40.00	\$ 40.00
	FLOORING Rubber base	42	LF	\$ 2.92	\$ 122.64
	Patch carpet as required	1	LS	\$ 100.00	\$ 100.00
TOTAL (Base Bid)					\$ 1,722.64



1

FUNNELLE HALL BASEMENT LEVEL KEY PLAN
NTS



FUNNELLE HALL: BASMENT LEVEL

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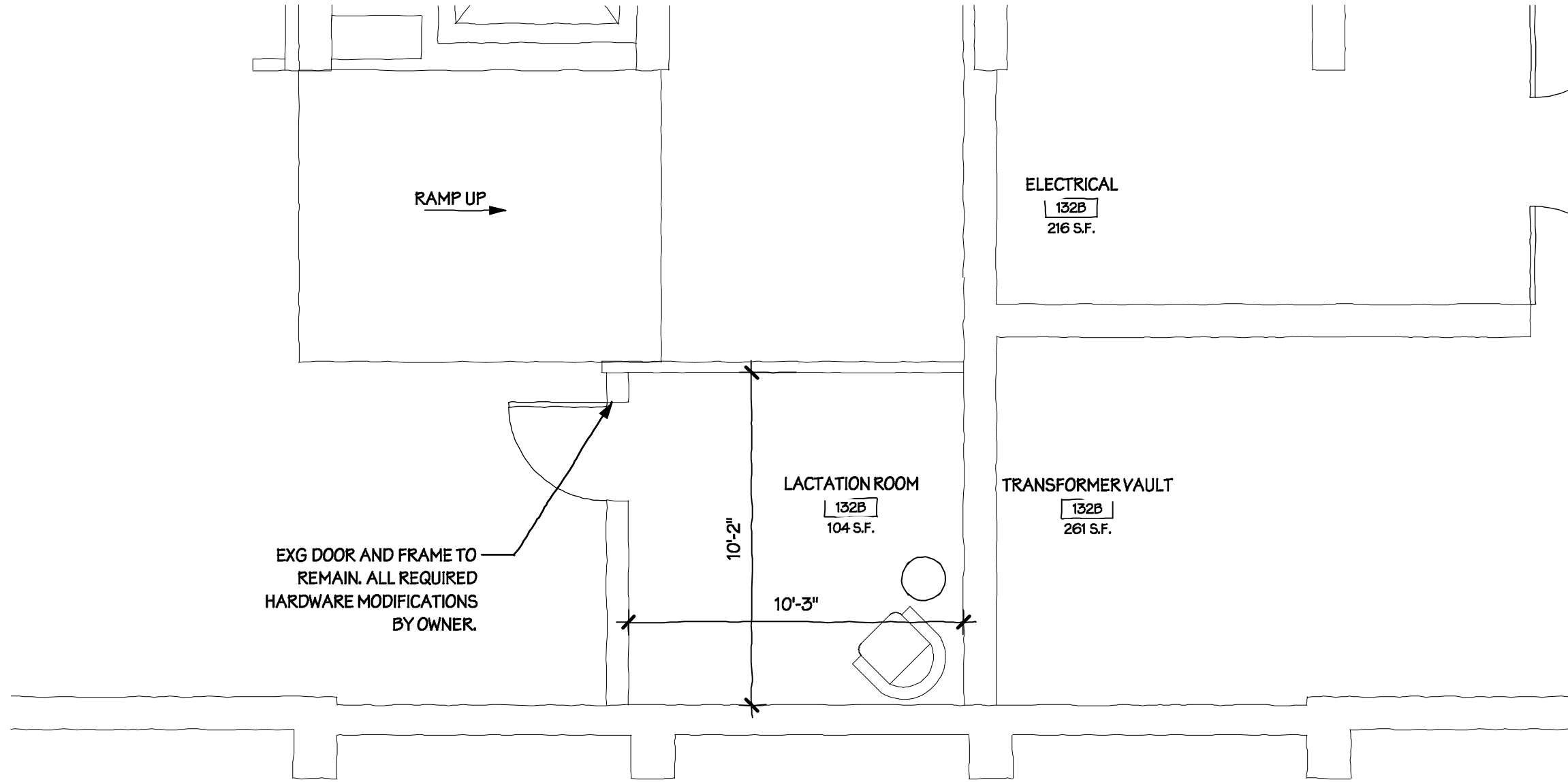
FUN-001



1

PROPOSED CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



FUNNELLE HALL: BASMENT LEVEL

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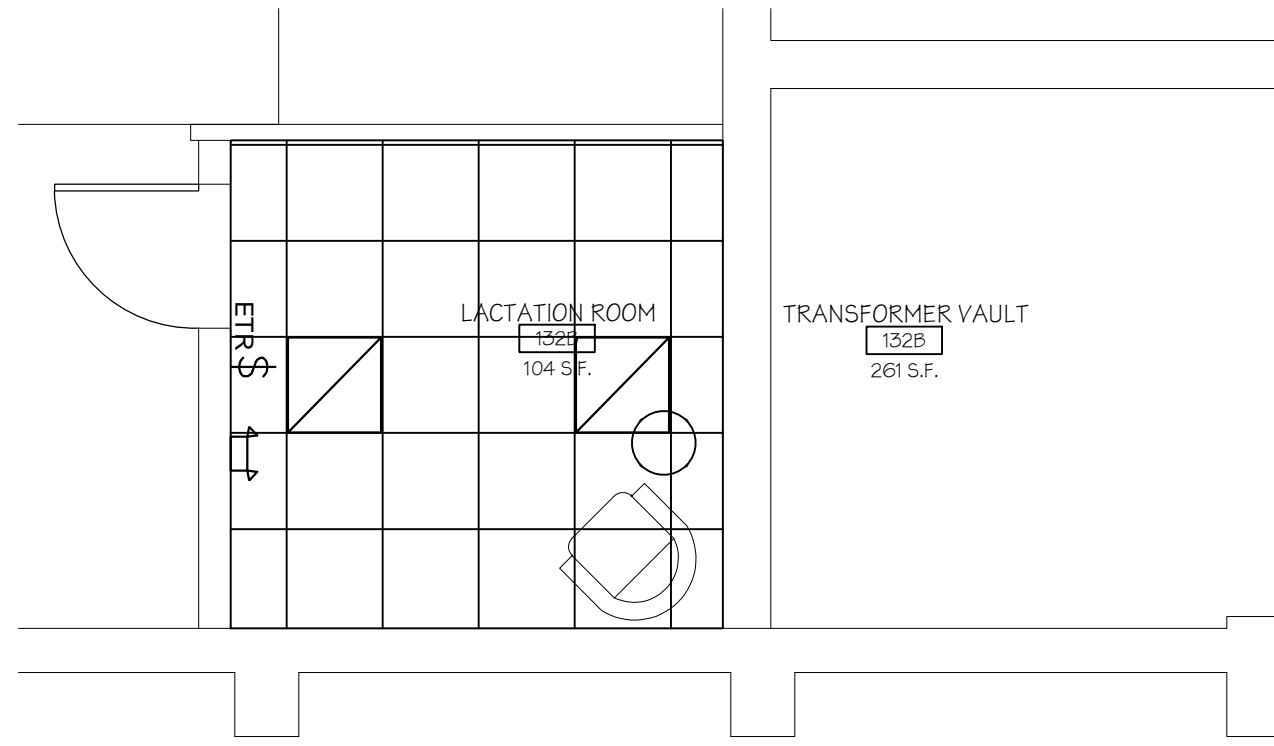
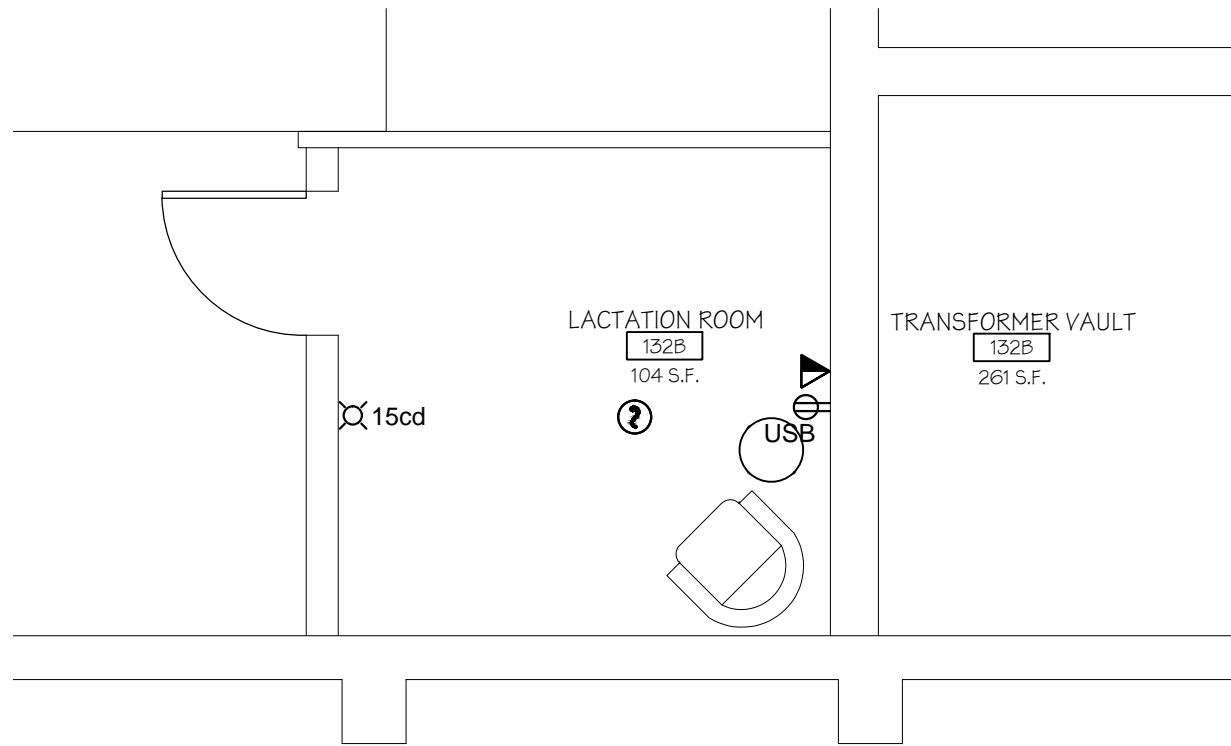
FUN-002

ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊗	FIRE ALARM VISUAL DEVICE, 'C' INDICATES CEILING MOUNT, 'XXcd' ASSIGNS INTENSITY
▧	2x4 LIGHTING FIXTURE
⌈	EMERGENCY LIGHT
▼	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM
ETR	EXISTING TO REMAIN

DRAWING NOTES

1. PROVIDE DIFFUSER IN CEILING AND CONNECT DUCTWORK TO EXISTING SYSTEM.
2. RECEPTACLES TO BE CONNECTED TO 1P 20A CIRCUIT BREAKER IN NEAREST PANEL WITH AVAILABLE CAPACITY.
3. LIGHTING FIXTURES ARE EXISTING TO REMAIN.
4. CONNECT FIRE ALARM SMOKE DETECTOR AND STROBE TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 **ELECTRICAL POWER AND FIRE ALARM PLAN**
1/4" = 1'-0"

2 **ELECTRICAL LIGHTING PLAN**
1/4" = 1'-0"

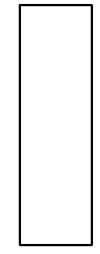
Drawing Title FUNNELLE HALL LACTATION ROOM

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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Funnelle Hall: Basement Level

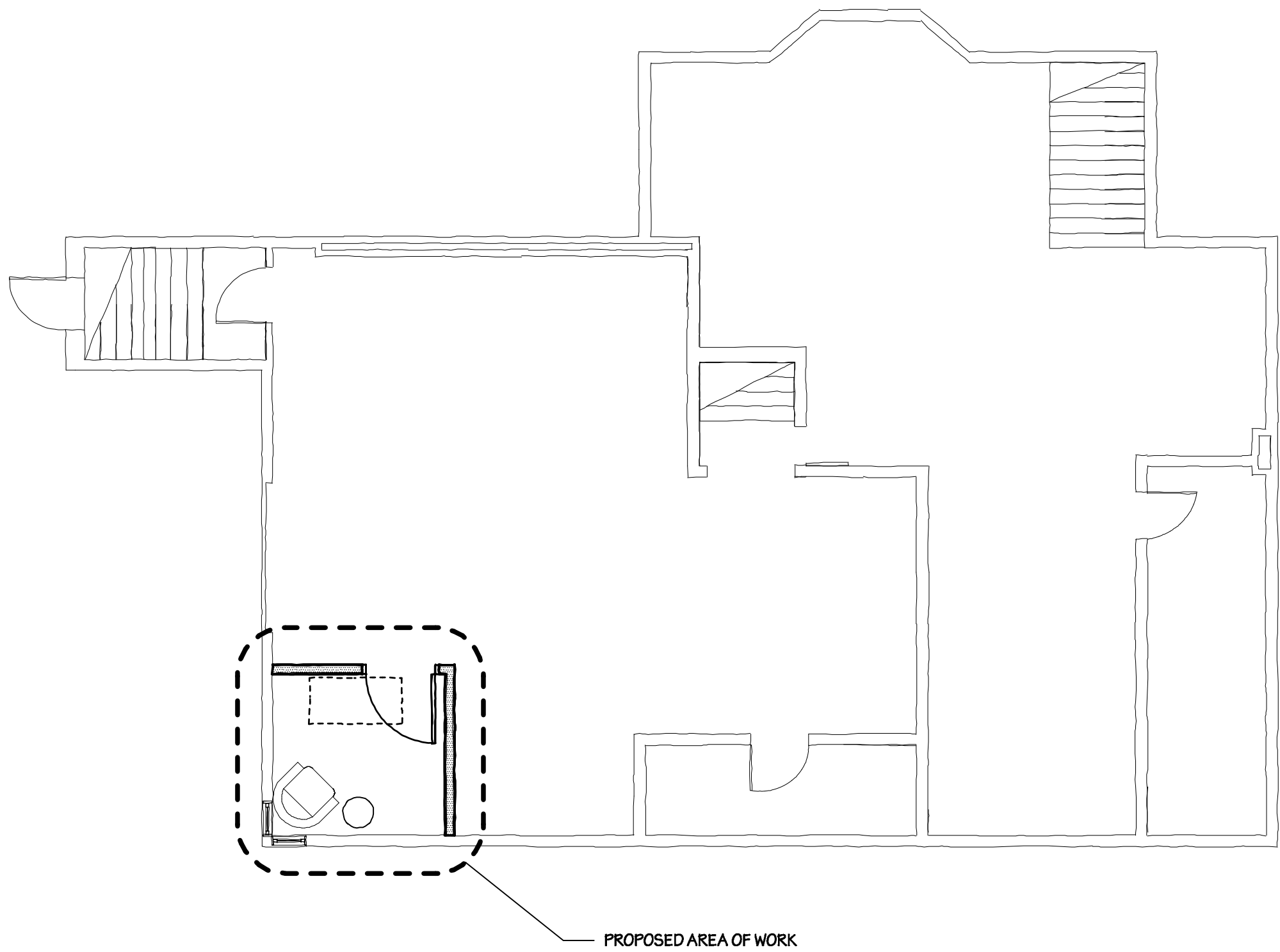
11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 268 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT		\$ -
1	DEMOLITION		\$ -
2	SITE WORK		\$ -
3	CONCRETE		\$ -
4	MASONRY		\$ -
5	METALS		\$ -
6	WOODS AND PLASTICS		\$ -
7	THERMAL AND MOISTURE PROTECTION		\$ -
8	DOORS & WINDOWS		\$ -
9	FINISHES		\$ -
10	SPECIALTIES		\$ -
11	EQUIPMENT		\$ -
12	FURNISHINGS		\$ -
13	SPECIAL CONSTRUCTION		\$ -
14	CONVEYING SYSTEMS		\$ -
GENERAL CONSTRUCTION SUBTOTAL			\$ -
21	FIRE PROTECTION		\$ -
22	PLUMBING		\$ -
23	HVAC		\$ 1,150.00
26	ELECTRICAL		\$ 1,735.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 2,885.00
SUBTOTAL CONSTRUCTION COST			\$ 2,885.00
GENERAL REQUIREMENTS - 10%			\$ 290.00
DESIGN CONTINGENCY - 5%			\$ 145.00
ESCALATION FOR 4 MONTHS - 3% PER YEAR			\$ 30.00
TOTAL CONSTRUCTION COST			\$ 3,350.00



NORTH

1

BASEMENT LEVEL KEY PLAN
NTS



KING HALL: BASEMENT LEVEL

DATE ISSUED: 11/18/2016

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Main Campus
Oswego, NY 13126



PROJ. NO: 16-042

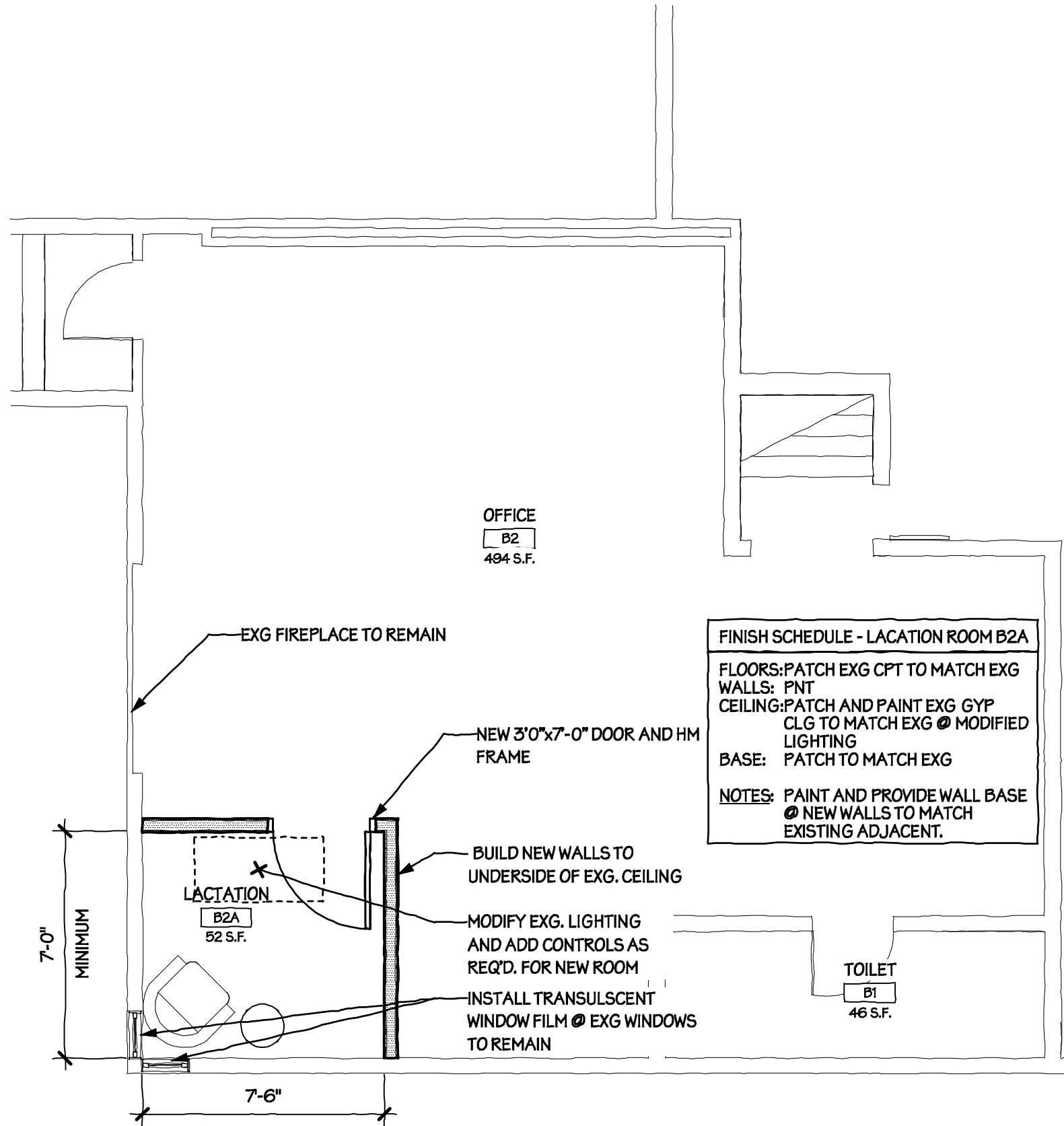
KNK-001



1

PROPOSED CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



KING HALL: BASEMENT LEVEL

DATE ISSUED: 11/18/2016

SUNY OSWEGO
 CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY
 Main Campus
 Oswego, NY 13126



PROJ. NO: 16-042

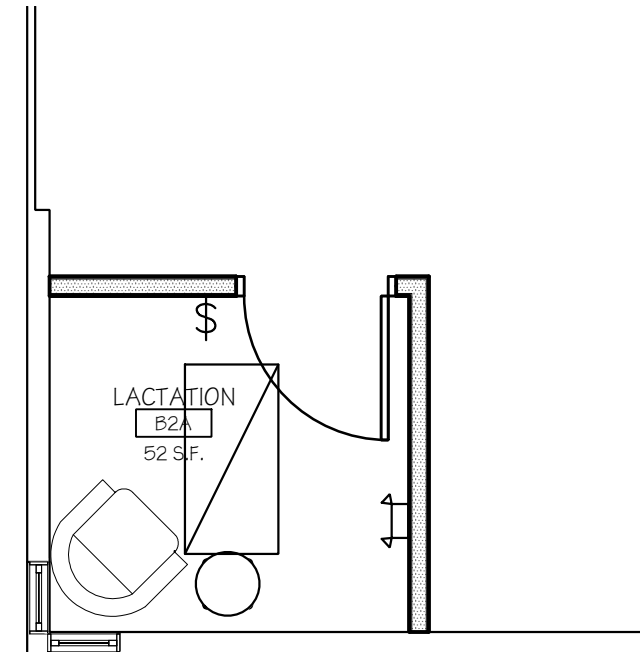
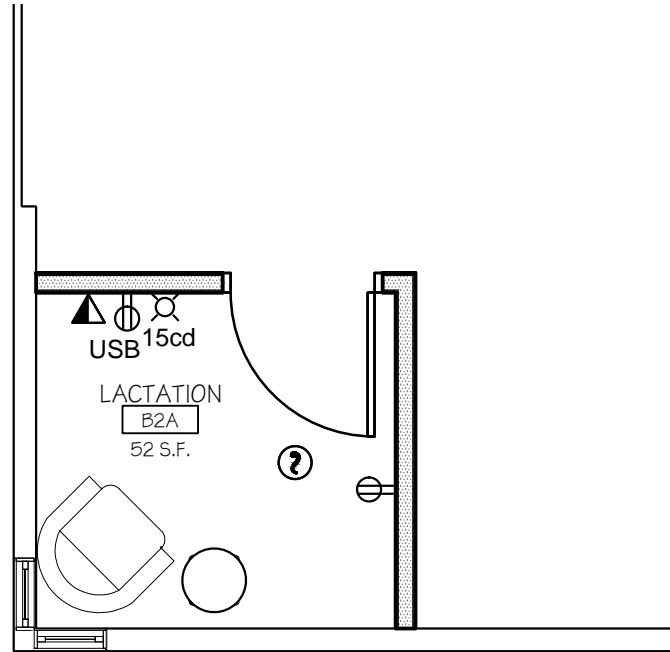
KNK-002

ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊗	FIRE ALARM VISUAL DEVICE, 'C' INDICATES CEILING MOUNT, 'XXcd' ASSIGNS INTENSITY
▧	2x4 LIGHTING FIXTURE
⌞	EMERGENCY LIGHT
▼	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM

DRAWING NOTES

1. PROVIDE DIFFUSER IN DRYWALL CEILING AND CONNECT DUCTWORK TO EXISTING SYSTEM.
2. PROVIDE ADDITIONAL RECEPTACLES ON NEW WALLS. RECEPTACLES TO BE CONNECTED TO NEARBY RECEPTACLE CIRCUIT SERVING THE AREA.
3. RELOCATE EXISTING 2X4 SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE TO CENTER OF ROOM. RE-WORK LIGHTING FIXTURE CIRCUITING TO BE CONTROLLED BY NEW WALL SWITCH SHOWN ON PLAN.
4. PROVIDE NEW SMOKE DETECTOR AND STROBE AND CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 ELECTRICAL POWER AND FIRE ALARM PLAN
1/4" = 1'-0"

2 ELECTRICAL LIGHTING PLAN
1/4" = 1'-0"

Drawing Title KING HALL LACTATION ROOM

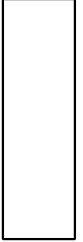
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REV. NO.: A###

PROJ. NO: 16-042





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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

King Hall: Basement Level

11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 52 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT	\$	-
1	DEMOLITION	\$	-
2	SITE WORK	\$	-
3	CONCRETE	\$	-
4	MASONRY	\$	-
5	METALS	\$	-
6	WOODS AND PLASTICS	\$	-
7	THERMAL AND MOISTURE PROTECTION	\$	-
8	DOORS & WINDOWS	\$	1,500.00
9	FINISHES	\$	1,315.00
10	SPECIALTIES	\$	-
11	EQUIPMENT	\$	-
12	FURNISHINGS	\$	-
13	SPECIAL CONSTRUCTION	\$	-
14	CONVEYING SYSTEMS	\$	-
GENERAL CONSTRUCTION SUBTOTAL			\$ 2,815.00
21	FIRE PROTECTION	\$	-
22	PLUMBING	\$	-
23	HVAC	\$	1,150.00
26	ELECTRICAL	\$	2,085.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 3,235.00
SUBTOTAL CONSTRUCTION COST			\$ 6,050.00
GENERAL REQUIREMENTS - 10%			\$ 605.00
DESIGN CONTINGENCY - 5%			\$ 305.00
ESCALATION FOR 4 MONTHS - 3% PER YEAR			\$ 60.00
TOTAL CONSTRUCTION COST			\$ 7,020.00



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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

King Hall: Basement Level

11/18/2016

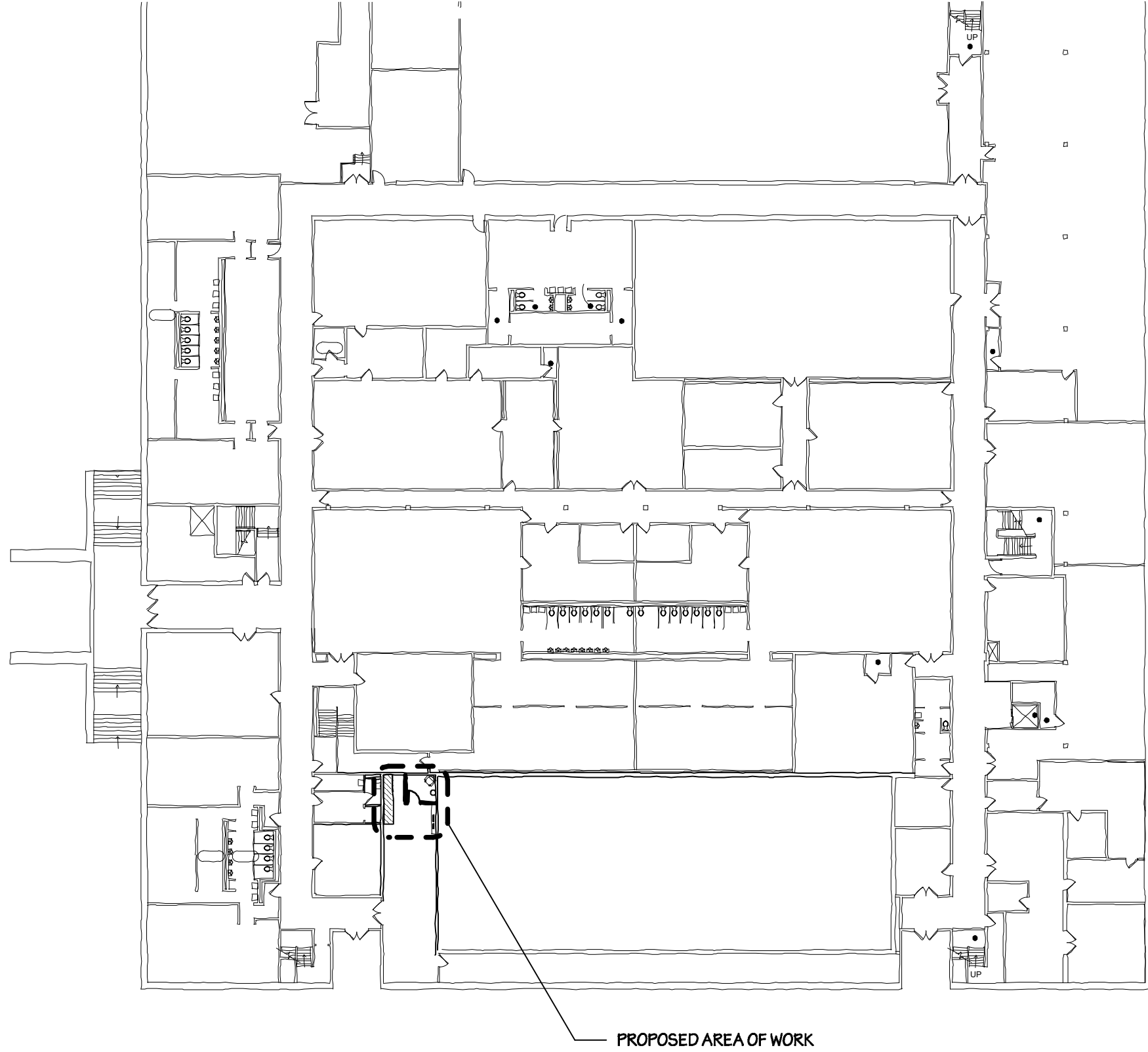
Dwyer Project No. 16-042

DIV. NO.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT COST	TOTAL
DIV. 8	DOORS & WINDOWS				
	3' x 7' wood door, knock-down metal frame & hardware	1	EA	\$ 1,500.00	\$ 1,500.00
				DIVISION 8	\$ 1,500.00
DIV. 9	FINISHES				
	WALL CONSTRUCTION				
	Partition - 3-5/8" metal stud with 5/8" drywall both sides (assume 8' high)	116	S.F.	\$ 4.76	\$ 552.16
	Translucent film (for existing windows assume 2' high)	15	SF	\$ 5.00	\$ 75.00
	FLOORING				
	Patch carpet as required	1	LS	\$ 100.00	\$ 100.00
	Rubber base	44	LF	\$ 2.92	\$ 128.48
	PAINTS AND COATINGS				
	Paint interior walls (primer + 2 coats)	348	SF	\$ 1.20	\$ 417.60
	Paint door frames	1	EA	\$ 40.00	\$ 40.00
				DIVISION 9	\$ 1,315.00
TOTAL (Base Bid)					\$ 2,815.00



1

BASEMENT LEVEL KEY PLAN
NTS



LAKER HALL: BASEMENT LEVEL

DATE ISSUED: 11/18/2016

SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

PROJ. NO: 16-042



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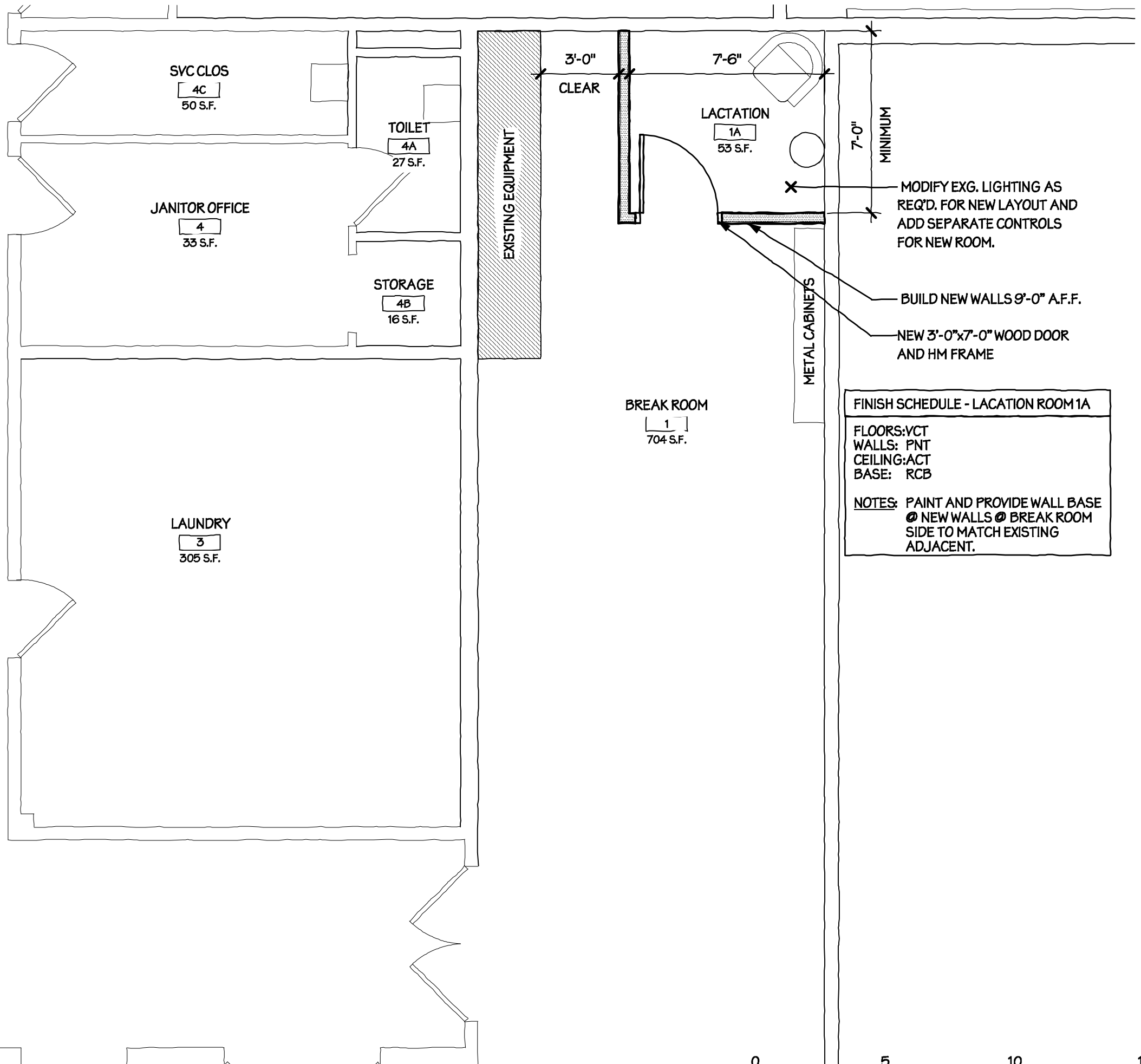
LKR-001



1

PROPOSED CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



FINISH SCHEDULE - LACATION ROOM 1A

FLOORS: VCT
 WALLS: PNT
 CEILING: ACT
 BASE: RCB

NOTES: PAINT AND PROVIDE WALL BASE
 @ NEW WALLS @ BREAK ROOM
 SIDE TO MATCH EXISTING
 ADJACENT.



LAKER HALL: BASEMENT LEVEL

DATE ISSUED: 11/18/2016

SUNY OSWEGO
 CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

PROJ. NO: 16-042

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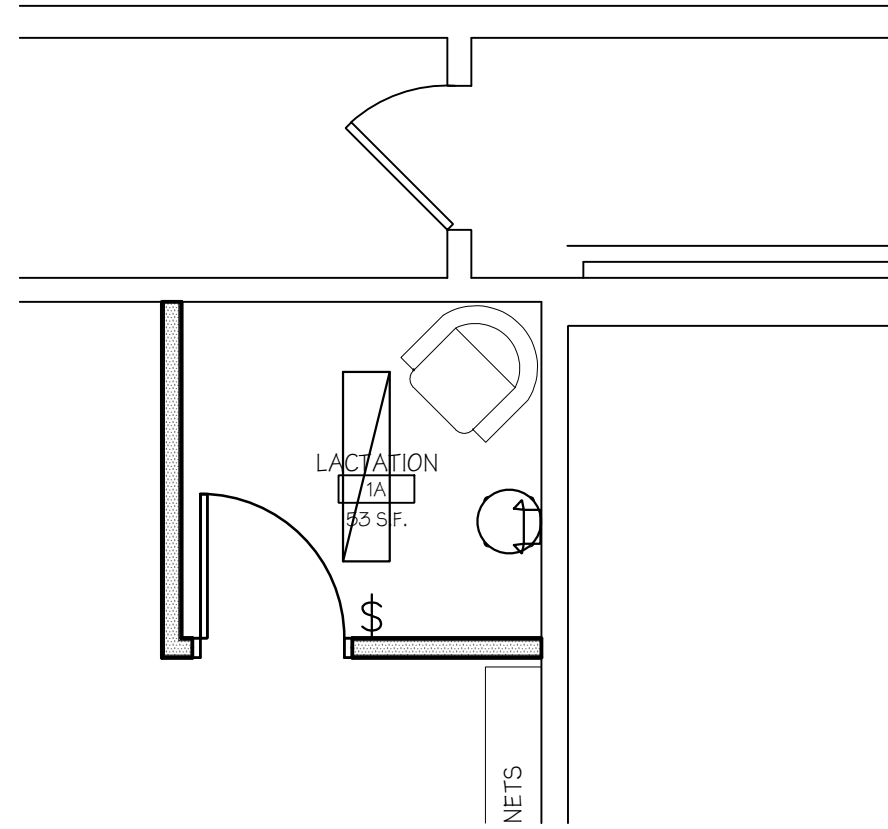
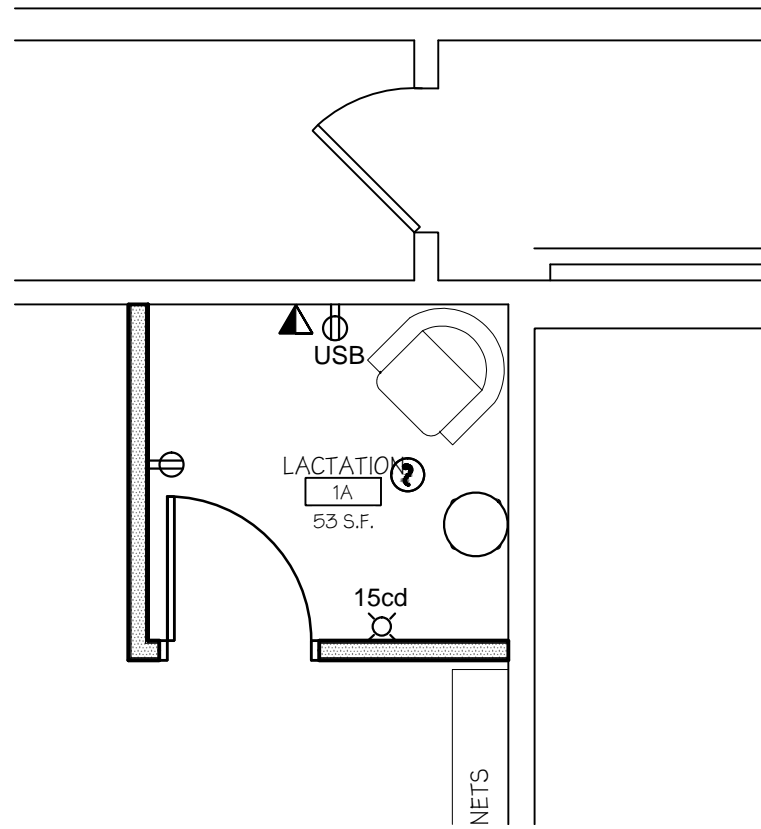
LKR-002

ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
⊕?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊕C	FIRE ALARM VISUAL DEVICE, 'C' INDICATES CEILING MOUNT, 'XXcd' ASSIGNS INTENSITY
▭	SUSPENDED LIGHTING FIXTURE
⊕↑	EMERGENCY LIGHT
▽	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM

DRAWING NOTES

1. PROVIDE HVAC DIFFUSER AND DUCTWORK TO NEW LACTATION ROOM AND CONNECT DUCTWORK TO EXISTING SYSTEM.
2. RECEPTACLES TO BE CONNECTED TO 1P 20A CIRCUIT BREAKER IN NEAREST PANEL WITH AVAILABLE CAPACITY.
3. RELOCATE EXISTING FLUORESCENT PENDANT LIGHT FIXTURE TO CENTER OF ROOM. RE-WORK LIGHTING FIXTURE CIRCUITING TO BE CONTROLLED BY NEW WALL SWITCH SHOWN ON PLAN.
4. PROVIDE NEW SMOKE DETECTOR AND STROBE AND CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 **ELECTRICAL POWER AND FIRE ALARM PLAN**
1/4" = 1'-0"

2 **ELECTRICAL LIGHTING PLAN**
1/4" = 1'-0"

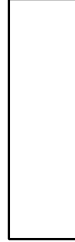
Drawing Title LAKER HALL LACTATION ROOM

DATE ISSUED: 11/18/2016

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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Laker Hall: Basement Level

11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 53 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT		\$ -
1	DEMOLITION		\$ -
2	SITE WORK		\$ -
3	CONCRETE		\$ -
4	MASONRY		\$ -
5	METALS		\$ -
6	WOODS AND PLASTICS		\$ -
7	THERMAL AND MOISTURE PROTECTION		\$ -
8	DOORS & WINDOWS		\$ 1,500.00
9	FINISHES		\$ 1,880.00
10	SPECIALTIES		\$ -
11	EQUIPMENT		\$ -
12	FURNISHINGS		\$ -
13	SPECIAL CONSTRUCTION		\$ -
14	CONVEYING SYSTEMS		\$ -
GENERAL CONSTRUCTION SUBTOTAL			\$ 3,380.00
21	FIRE PROTECTION		\$ -
22	PLUMBING		\$ -
23	HVAC		\$ 1,150.00
26	ELECTRICAL		\$ 1,910.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 3,060.00
SUBTOTAL CONSTRUCTION COST			\$ 6,440.00
GENERAL REQUIREMENTS - 10%			\$ 965.00
DESIGN CONTINGENCY - 5%			\$ 320.00
ESCALATION FOR 4 MONTHS - 3% PER YEAR			\$ 65.00
TOTAL CONSTRUCTION COST			\$ 7,790.00



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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

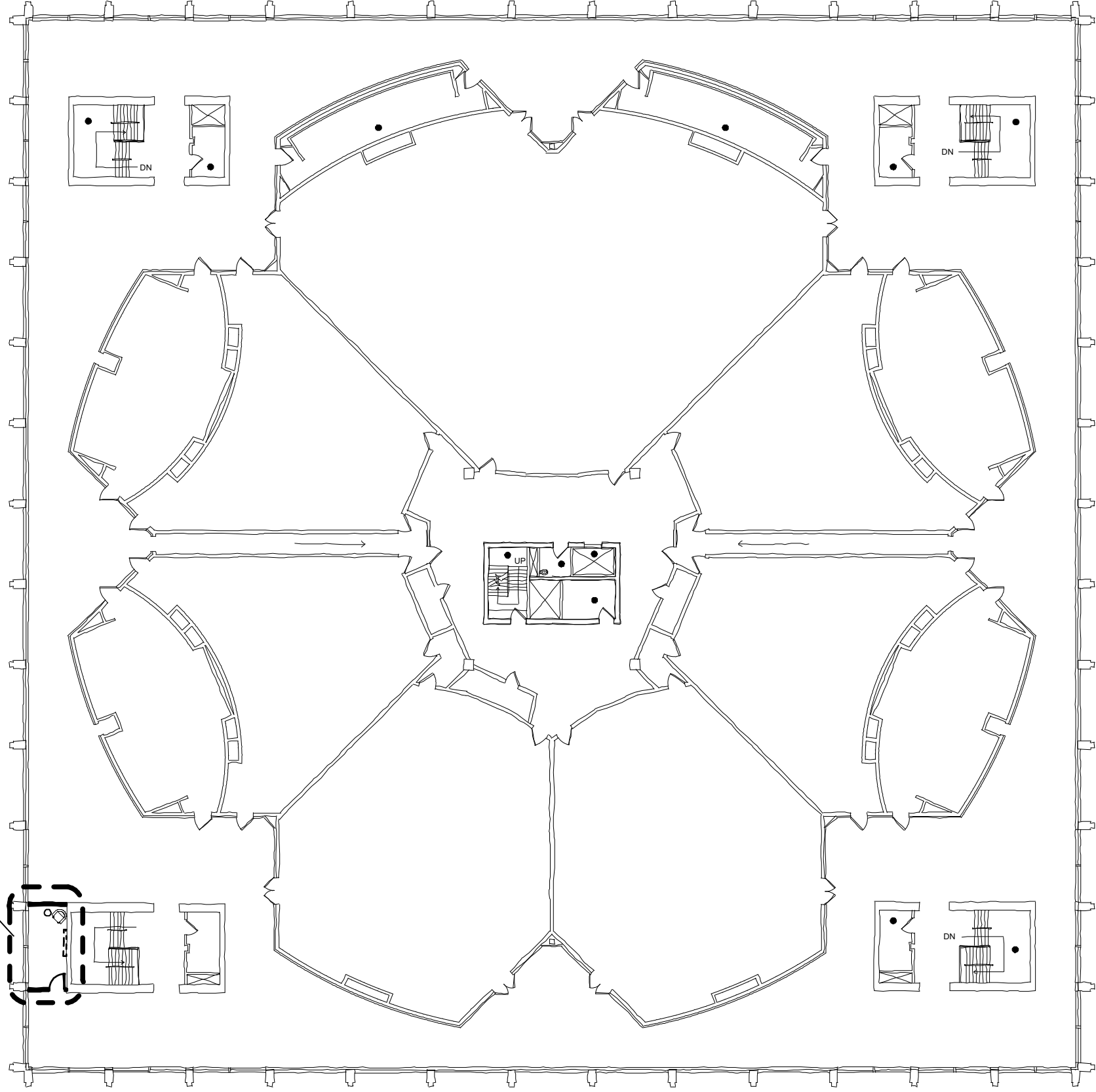
Laker Hall: Basement Level

11/18/2016

Dwyer Project No. 16-042

DIV. NO.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT COST	TOTAL
DIV. 8	DOORS & WINDOWS				
	3' x 7' wood door, knock-down metal frame & hardware	1	EA	\$ 1,500.00	\$ 1,500.00
				DIVISION 8	\$ 1,500.00
DIV. 9	FINISHES				
	WALL CONSTRUCTION				
	Partition - 3-5/8" metal stud with 5/8" drywall both sides (assume 9' high)	130	S.F.	\$ 4.76	\$ 618.80
	FLOORING				
	VCT	53	SF	\$ 2.36	\$ 125.08
	Rubber base	44	LF	\$ 2.92	\$ 128.48
	Floor Prep	53	SF	\$ 4.36	\$ 231.08
	PAINTS AND COATINGS				
	Paint interior walls	392	SF	\$ 1.20	\$ 470.40
	Paint door frames	1	EA	\$ 40.00	\$ 40.00
	CEILINGS				
	2 x 2 ceilings	53	S.F.	\$ 5.00	\$ 265.00
				DIVISION 9	\$ 1,880.00
TOTAL (Base Bid)					\$ 3,380.00

PROPOSED AREA OF WORK



1

SECOND FLOOR KEY PLAN
NTS



LANIGAN HALL: SECOND FLOOR

DATE ISSUED: 11/18/2016

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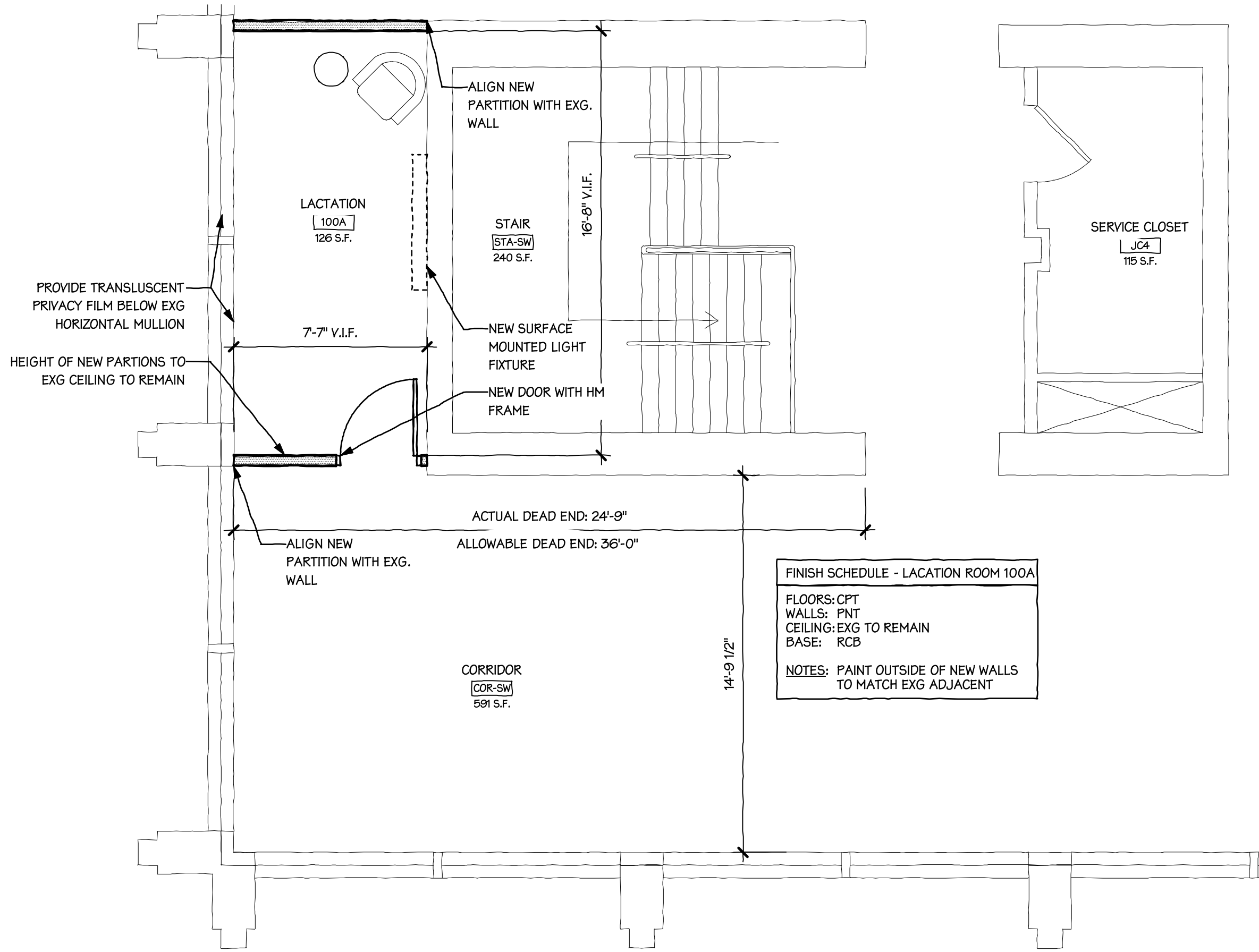
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

Main Campus
Oswego, NY 13126



PROJ. NO: 16-042

LAN-001



1

PROPOSED CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



FINISH SCHEDULE - LACATION ROOM 100A	
FLOORS:	CPT
WALLS:	PNT
CEILING:	EXG TO REMAIN
BASE:	RCB
NOTES: PAINT OUTSIDE OF NEW WALLS TO MATCH EXG ADJACENT	

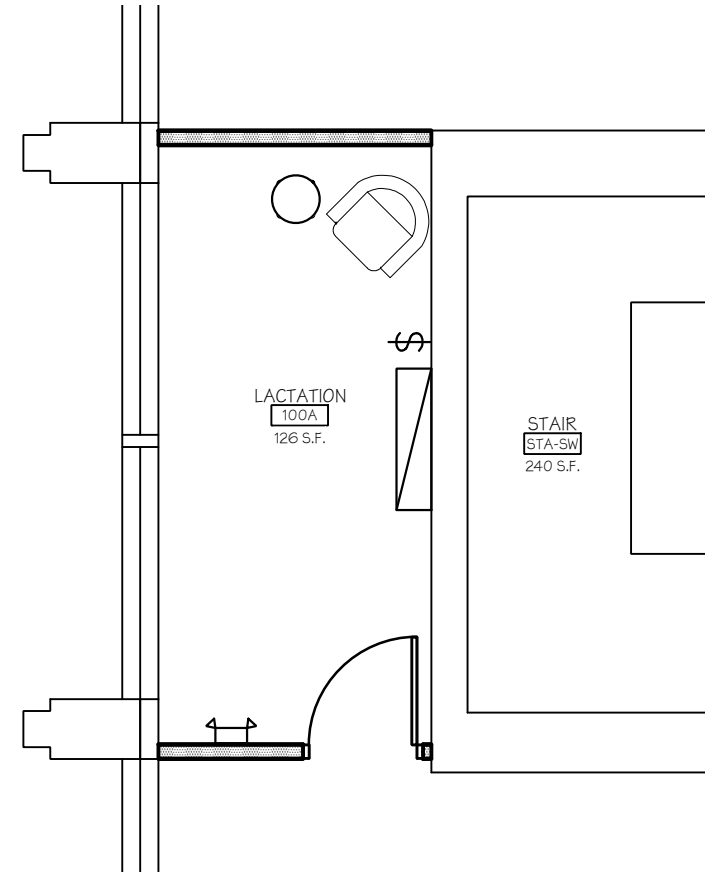
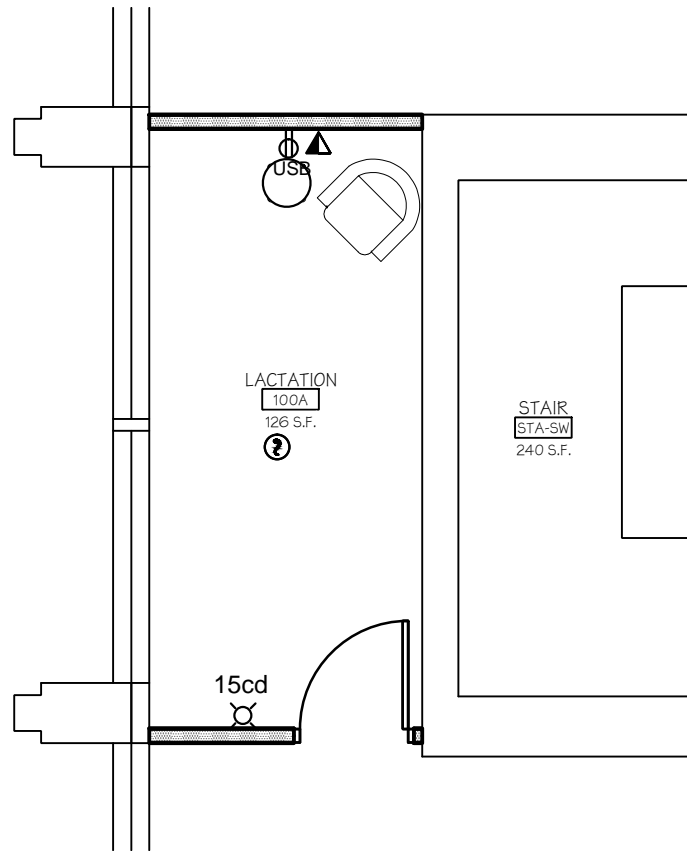


ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
⊕?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊕Xcd	FIRE ALARM VISUAL DEVICE, 'C' INDICATES CEILING MOUNT, 'XXcd' ASSIGNS INTENSITY
▭	WALL MOUNTED LIGHTING FIXTURE
⬆	EMERGENCY LIGHT
▽	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM

DRAWING NOTES

1. PROVIDE HVAC DIFFUSERS AND DUCTWORK TO NEW LACTATION ROOM AND CONNECT DUCTWORK TO EXISTING VENTILATION SYSTEM.
2. RECEPTACLES TO BE CONNECTED TO 1P 20A CIRCUIT BREAKER IN NEAREST PANEL WITH AVAILABLE CAPACITY.
3. PROVIDE NEW WALL MOUNTED LIGHTING FIXTURE AND CONNECT TO NEARBY LIGHTING CIRCUIT. PROVIDE SURFACE MOUNTED WIREMOLD TO TO SWITCH.
4. PROVIDE NEW SMOKE DETECTOR AND STROBE AND CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 **ELECTRICAL POWER AND FIRE ALARM PLAN**
3/16" = 1'-0"

2 **ELECTRICAL LIGHTING PLAN**
3/16" = 1'-0"

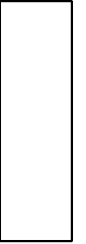
Drawing Title LANIGAN HALL LACTATION ROOM

DATE ISSUED: 11/18/2016

SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY
Main Campus
Oswego, NY 13126



REV. NO.: A###
PROJ. NO: 16-042





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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Lanigan Hall: Second Floor

11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 126 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT	\$	-
1	DEMOLITION	\$	-
2	SITE WORK	\$	-
3	CONCRETE	\$	-
4	MASONRY	\$	-
5	METALS	\$	-
6	WOODS AND PLASTICS	\$	-
7	THERMAL AND MOISTURE PROTECTION	\$	-
8	DOORS & WINDOWS	\$	1,500.00
9	FINISHES	\$	3,545.00
10	SPECIALTIES	\$	-
11	EQUIPMENT	\$	-
12	FURNISHINGS	\$	-
13	SPECIAL CONSTRUCTION	\$	-
14	CONVEYING SYSTEMS	\$	-
GENERAL CONSTRUCTION SUBTOTAL			\$ 5,045.00
21	FIRE PROTECTION	\$	-
22	PLUMBING	\$	-
23	HVAC	\$	1,150.00
26	ELECTRICAL	\$	1,995.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 3,145.00
SUBTOTAL CONSTRUCTION COST			\$ 8,190.00
	GENERAL REQUIREMENTS - 10%	\$	820.00
	DESIGN CONTINGENCY - 5%	\$	410.00
	ESCALATION FOR 4 MONTHS - 3% PER YEAR	\$	80.00
TOTAL CONSTRUCTION COST			\$ 9,500.00



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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Lanigan Hall: Second Floor

11/18/2016

Dwyer Project No. 16-042

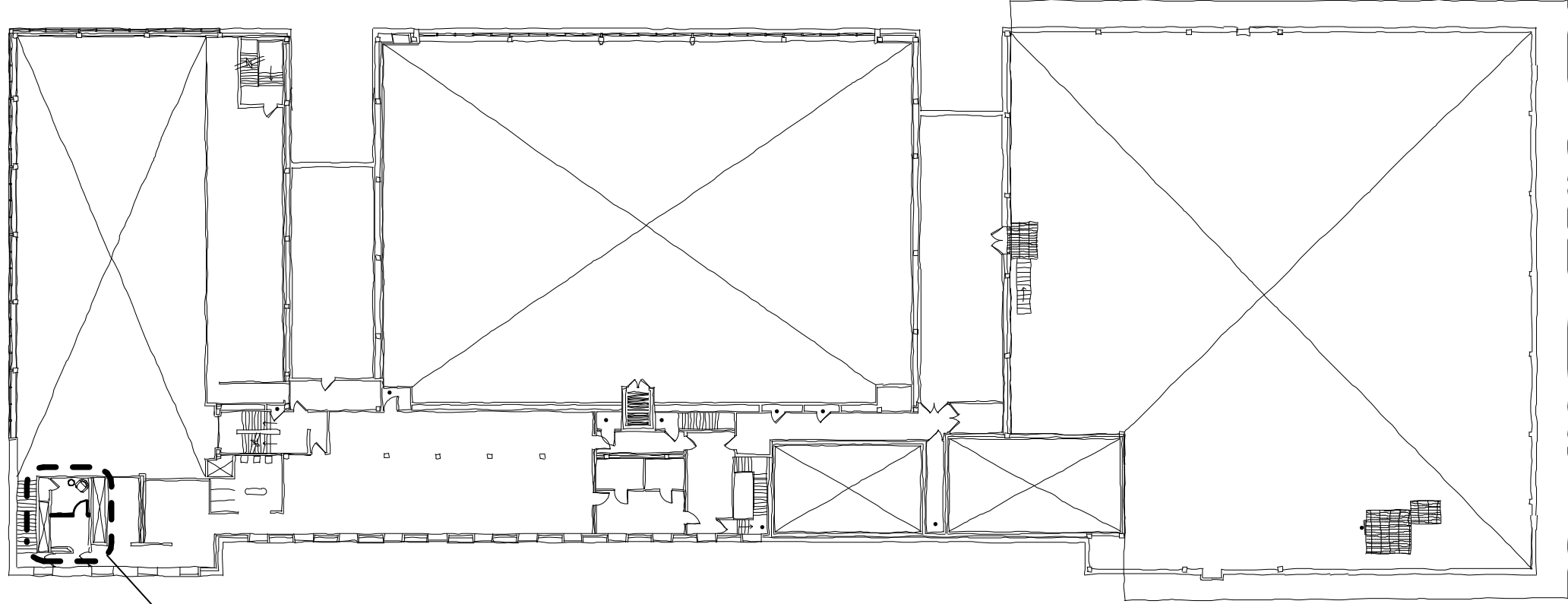
DIV. NO.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT COST	TOTAL
DIV. 8	DOORS & WINDOWS				
	3' x 7' wood door, knock-down metal frame & hardware	1	EA	\$ 1,500.00	\$ 1,500.00
				DIVISION 8 -	\$ 1,500.00
DIV. 9	FINISHES				
	WALL CONSTRUCTION				
	Partition - 3-5/8" metal stud with 5/8" drywall both sides (assume 19'-4" high)	293	S.F.	\$ 4.76	\$ 1,394.68
	Translucent film (for existing windows assume 5' high)	73	S.F.	\$ 5.00	\$ 365.00
	FLOORING				
	Carpet Tile	126	SF	\$ 4.45	\$ 560.70
	Rubber base	32	LF	\$ 2.92	\$ 93.44
	PAINTS AND COATINGS				
	Paint interior walls	908	SF	\$ 1.20	\$ 1,089.60
	Paint door frames	1	EA	\$ 40.00	\$ 40.00
				DIVISION 9 -	\$ 3,545.00
TOTAL (Base Bid)					\$ 5,045.00



1

MEZZANINE LEVEL KEY PLAN

NTS



PROPOSED AREA OF WORK



LEE HALL: MEZZANINE LEVEL

DATE ISSUED: 11/18/2016

SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

PROJ. NO: 16-042



Main Campus
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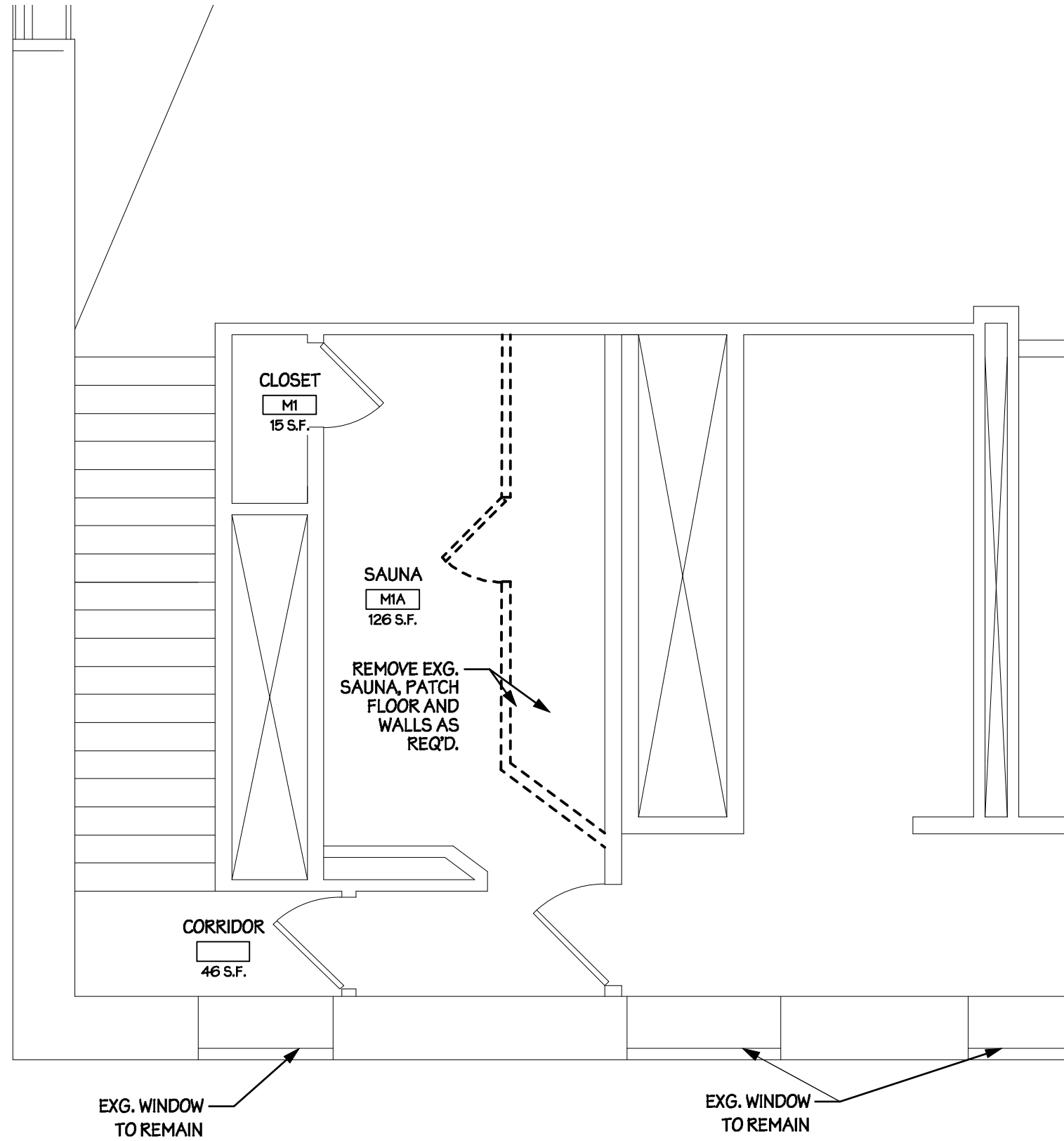
LEE-001



1

PROPOSED DEMOLITION PLAN

Scale: 1/4" = 1'-0"



LEE HALL: MEZZANINE LEVEL

DATE ISSUED: 11/18/2016

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CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

Main Campus
Oswego, NY 13126



PROJ. NO: 16-042

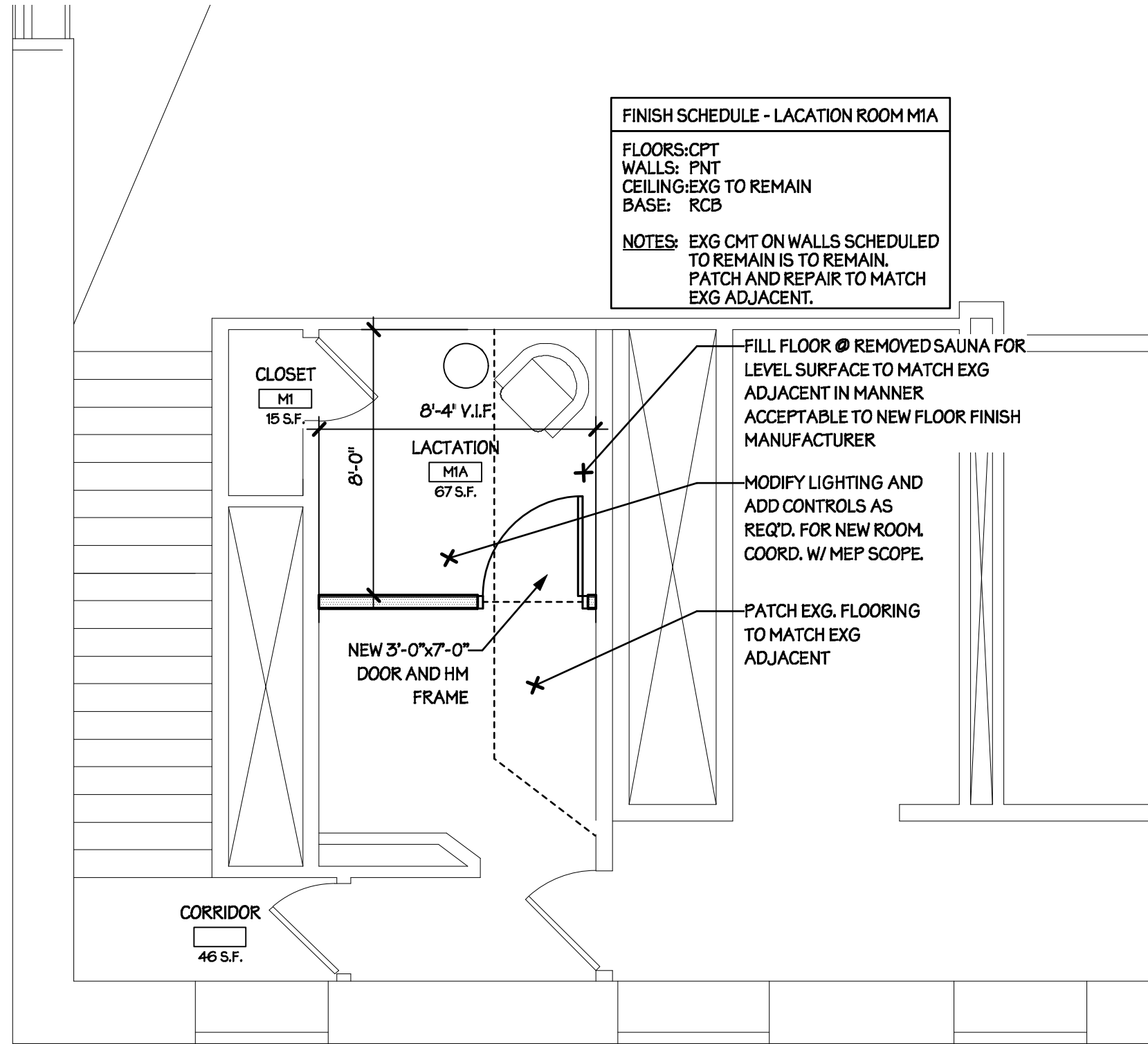
LEE-002



1

PROPOSED CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



LEE HALL: MEZZANINE LEVEL

DATE ISSUED: 11/18/2016

SUNY OSWEGO

CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

Main Campus
Oswego, NY 13126



PROJ. NO: 16-042

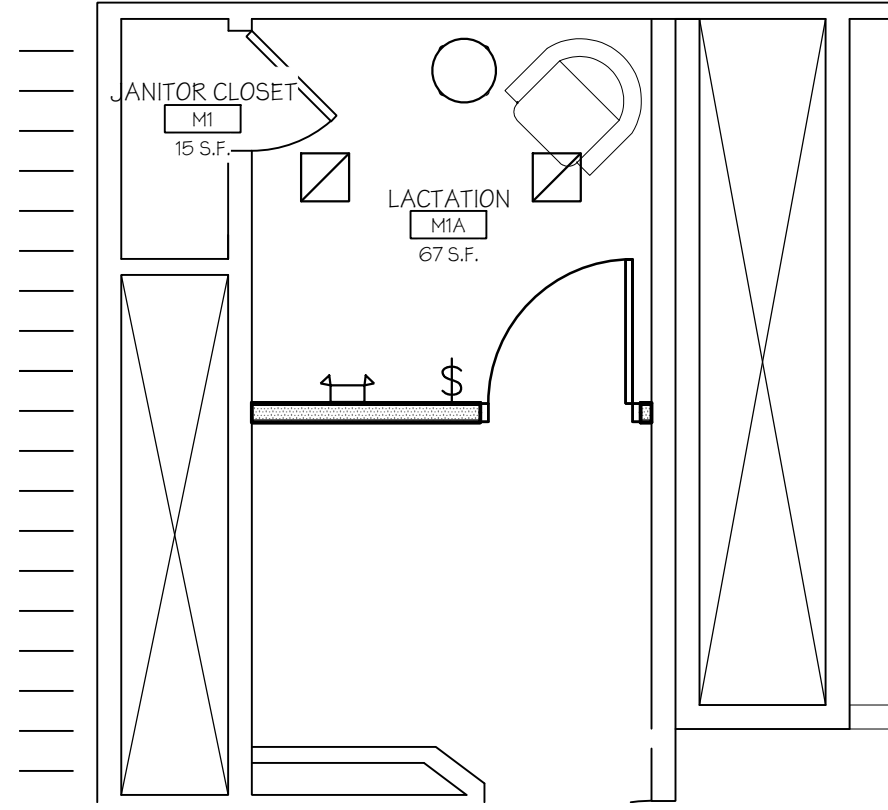
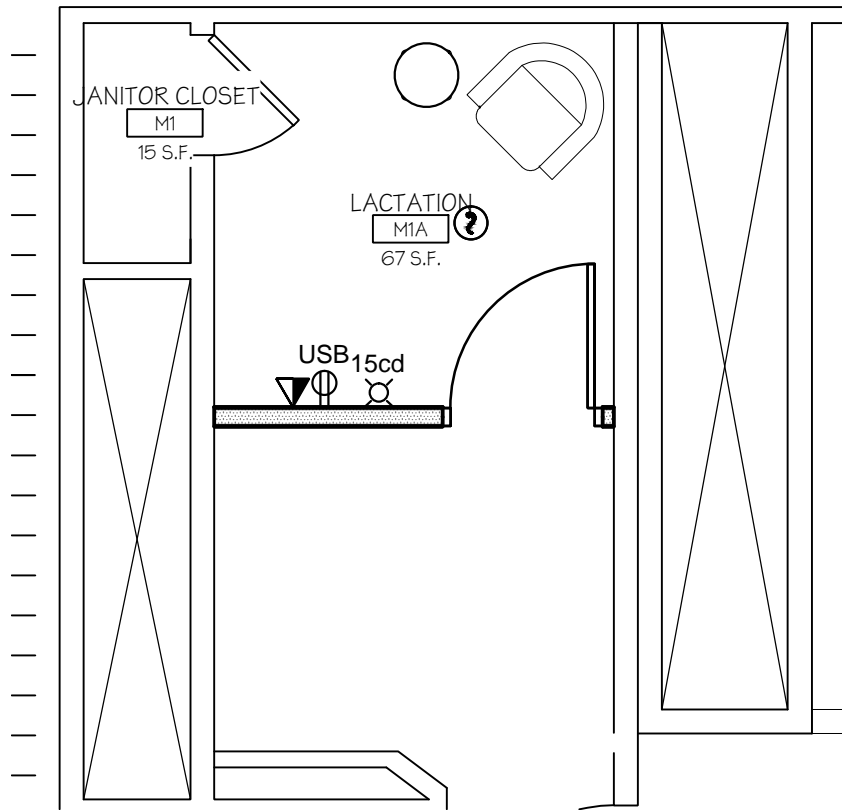
LEE-003

ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕ USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
⊕?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊕ C	FIRE ALARM VISUAL DEVICE, 'C' INDICATES CEILING MOUNT, 'XXcd' ASSIGNS INTENSITY
⊕	1'x1' FLUORESCENT SURFACE MOUNTED LIGHTING FIXTURE
⊕	EMERGENCY LIGHT
⊕	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM

DRAWING NOTES

1. PROVIDE HVAC DIFFUSERS AND DUCTWORK TO NEW LACTATION ROOM AND CONNECT DUCTWORK TO EXISTING VENTILATION SYSTEM.
2. PROVIDE RECEPTACLES ON NEW WALLS AND CONNECT TO NEARBY RECEPTACLE CIRCUIT WITH AVAILABLE CAPACITY.
3. PROVIDE WALL MOUNTED LIGHTING FIXTURE AND CONNECT TO NEARBY LIGHTING CIRCUIT WITH AVAILABLE CAPACITY.
4. PROVIDE NEW SMOKE DETECTOR AND STROBE AND CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 ELECTRICAL POWER AND FIRE ALARM PLAN
1/4" = 1'-0"

2 ELECTRICAL LIGHTING PLAN
1/4" = 1'-0"

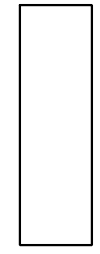
Drawing Title LEE HALL LACTATION ROOM

DATE ISSUED: 11/18/2016

SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY
Main Campus
Oswego, NY 13126



REV. NO.: A###
PROJ. NO: 16-042





SYRACUSE Nettleton Commons, 313 East Willow Street, Suite 107, Syracuse, NY 13203
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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Lee Hall: Mezzanine Level

11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 67 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT	\$	-
1	DEMOLITION	\$	355.00
2	SITE WORK	\$	-
3	CONCRETE	\$	-
4	MASONRY	\$	-
5	METALS	\$	-
6	WOODS AND PLASTICS	\$	-
7	THERMAL AND MOISTURE PROTECTION	\$	-
8	DOORS & WINDOWS	\$	1,500.00
9	FINISHES	\$	1,395.00
10	SPECIALTIES	\$	-
11	EQUIPMENT	\$	-
12	FURNISHINGS	\$	-
13	SPECIAL CONSTRUCTION	\$	-
14	CONVEYING SYSTEMS	\$	-
GENERAL CONSTRUCTION SUBTOTAL			\$ 3,250.00
21	FIRE PROTECTION	\$	-
22	PLUMBING	\$	-
23	HVAC	\$	1,150.00
26	ELECTRICAL	\$	1,995.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 3,145.00
SUBTOTAL CONSTRUCTION COST			\$ 6,395.00
GENERAL REQUIREMENTS - 10%		\$	640.00
DESIGN CONTINGENCY - 5%		\$	320.00
ESCALATION FOR 4 MONTHS - 3% PER YEAR		\$	65.00
TOTAL CONSTRUCTION COST			\$ 7,420.00



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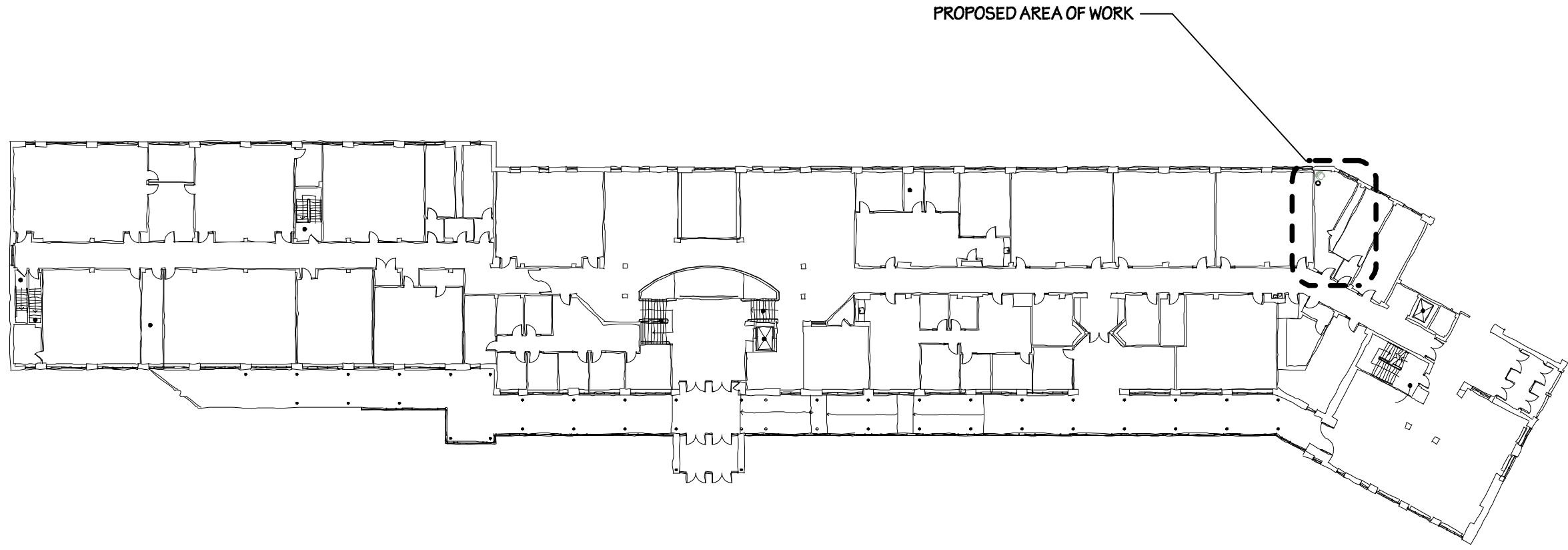
Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Lee Hall: Mezzanine Level

11/18/2016

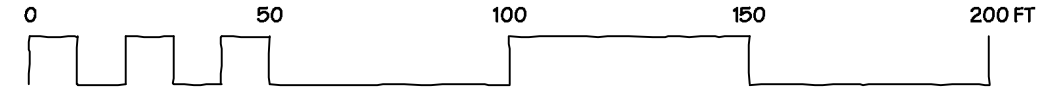
Dwyer Project No. 16-042

DIV. NO.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT COST	TOTAL
DIV. 1	GENERAL REQUIREMENTS				
	DEMOLITION				
	Remove existing sauna	42	SF	\$ 8.50	\$ 357.00
				DIVISION 1 -	\$ 355.00
DIV. 8	DOORS & WINDOWS				
	3' x 7' wood door, knock-down metal frame & hardware	1	EA	\$ 1,500.00	\$ 1,500.00
				DIVISION 8 -	\$ 1,500.00
DIV. 9	FINISHES				
	WALL CONSTRUCTION				
	Partition - 3-5/8" metal stud with 5/8" drywall both sides (assume 8' high)	67	S.F.	\$ 4.76	\$ 318.92
	Patching existing walls	1	LS	\$ 200.00	\$ 200.00
	FLOORING				
	Patch CMT floor	1	LS	\$ 200.00	\$ 200.00
	Carpet Tile	67	SF	\$ 4.45	\$ 298.15
	Rubber base	33	LF	\$ 2.92	\$ 96.36
	PAINTS AND COATINGS				
	Paint interior walls	136	SF	\$ 1.20	\$ 163.20
	Paint interior ceilings	67	SF	\$ 1.20	\$ 80.40
	Paint door frames	1	EA	\$ 40.00	\$ 40.00
				DIVISION 9 -	\$ 1,395.00
TOTAL (Base Bid)					\$ 3,250.00



1

SECOND FLOOR KEY PLAN
NTS



MARANO CAMPUS CENTER: SECOND FLOOR

DATE ISSUED: 11/18/2016

SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

PROJ. NO: 16-042



Main Campus
Oswego, NY 13126

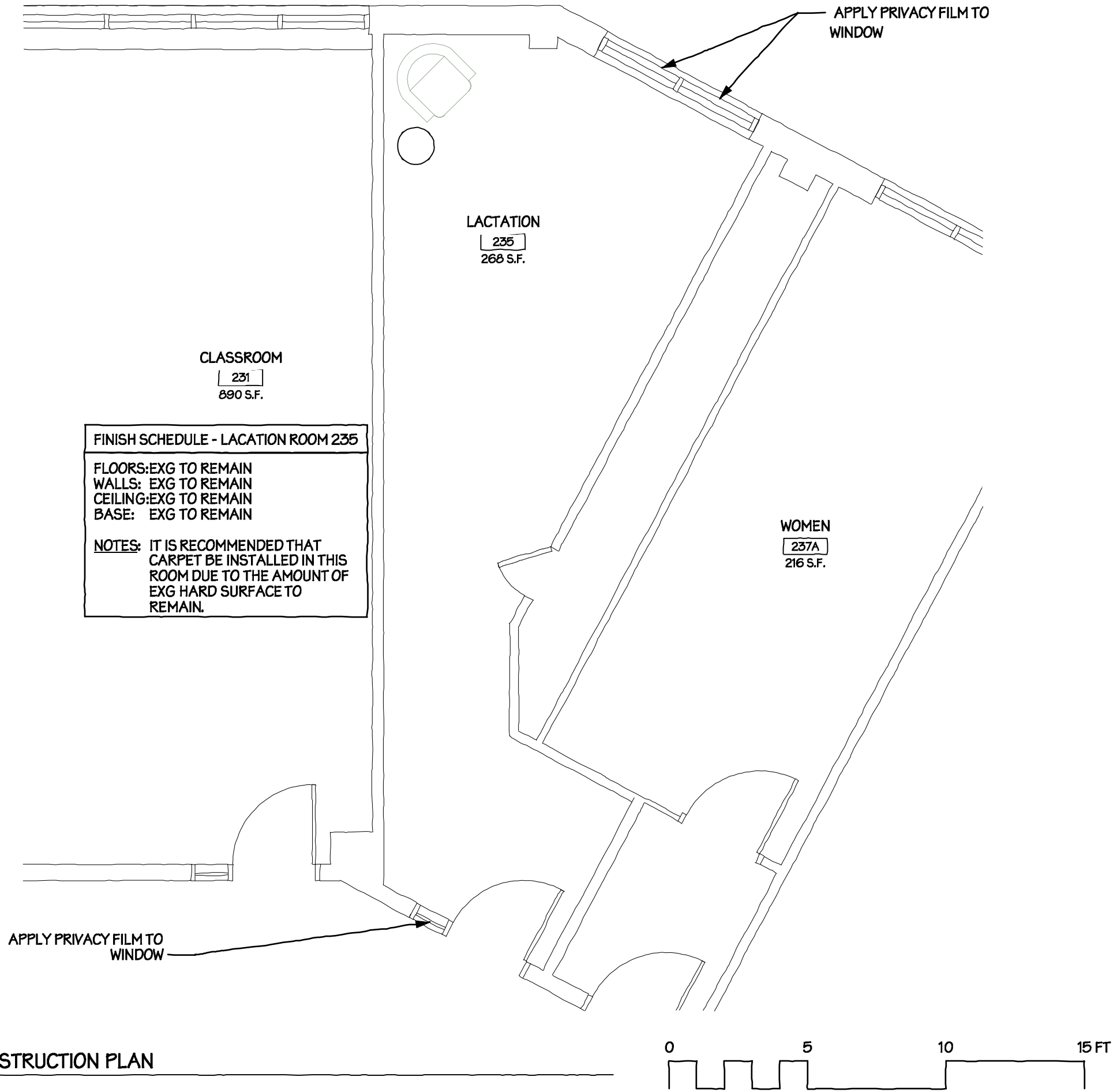
MAR-001



1

PROPOSED CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



MARANO CAMPUS CENTER: SECOND FLOOR

DATE ISSUED: 11/18/2016

SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

PROJ. NO: 16-042

Main Campus
Oswego, NY 13126



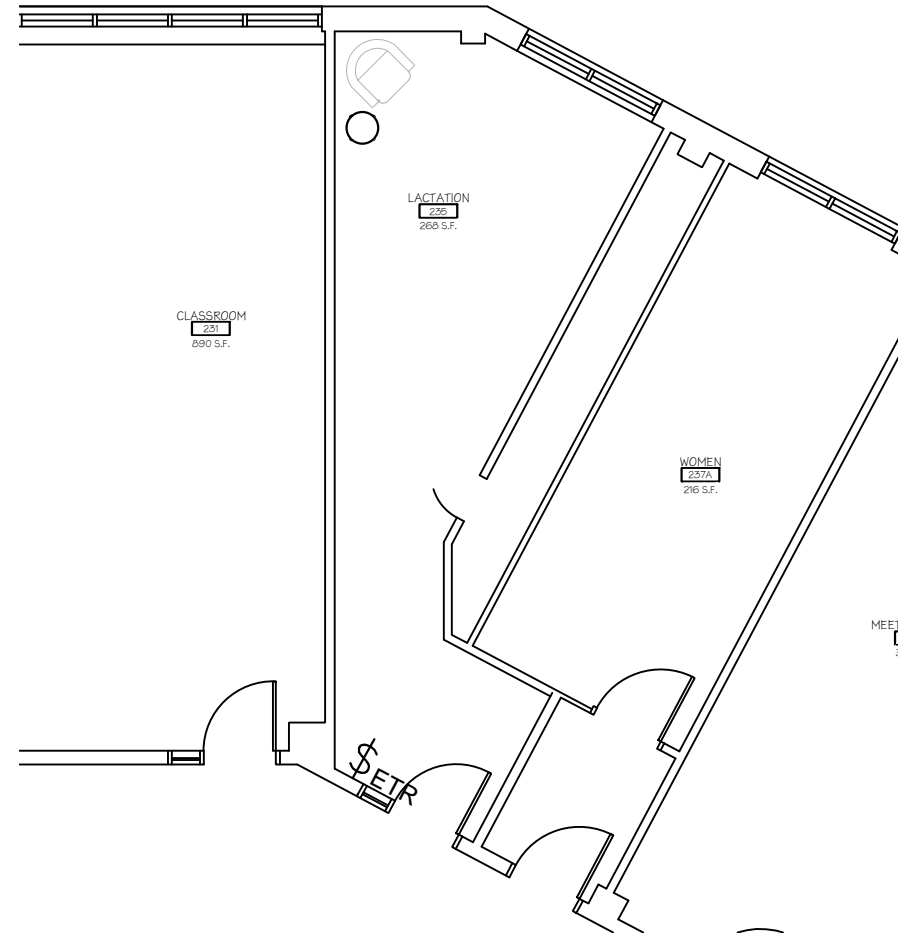
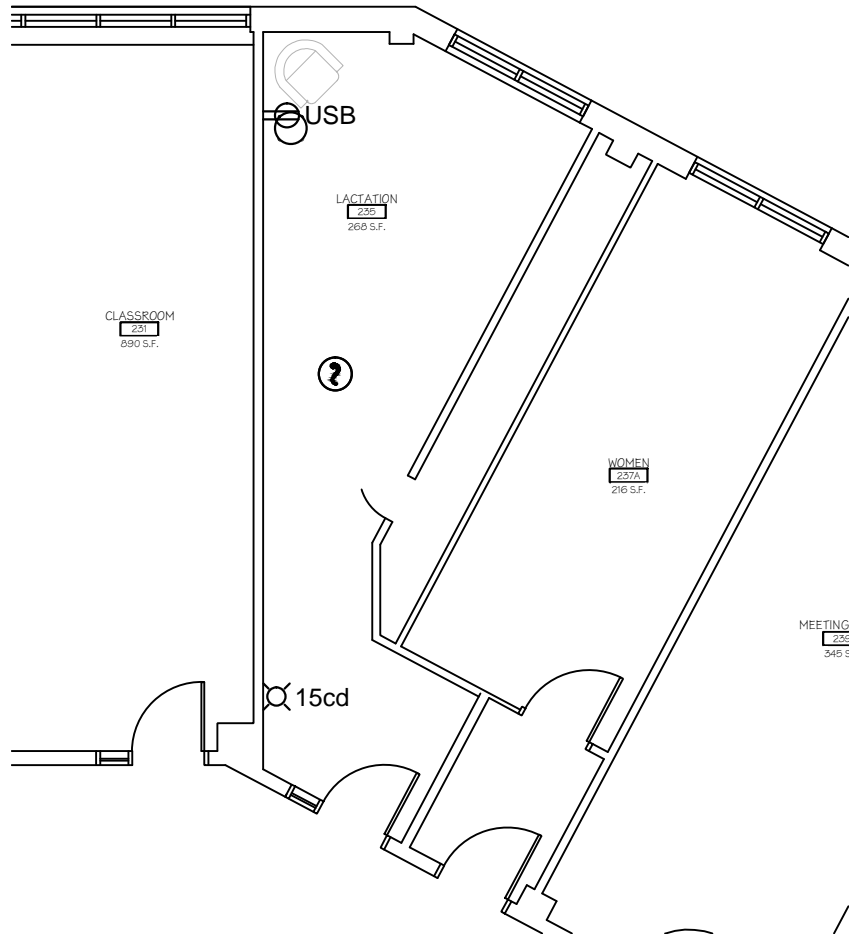
MAR-002

ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕ USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
⊕?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊕ X	FIRE ALARM VISUAL DEVICE, 'C' INDICATES CEILING MOUNT, 'XXcd' ASSIGNS INTENSITY
⊕	RECESSED FLUORESCENT DOWNLIGHTS
⊕	EMERGENCY LIGHT
▼	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM
ETR	EXISTING TO REMAIN

DRAWING NOTES

1. LIGHTING FIXTURES ARE EXISTING TO REMAIN, VERIFY EXACT LOCATIONS.
2. PROVIDE NEW SMOKE DETECTOR AND STROBE AND CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 ELECTRICAL POWER AND FIRE ALARM PLAN
1/8" = 1'-0"

2 ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"

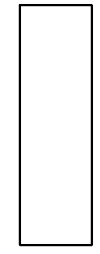
Drawing Title MARANO HALL LACTATION ROOM

DATE ISSUED: 11/18/2016

SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY
Main Campus
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REV. NO.: A###
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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Marano Campus Center: Second Floor

11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 268 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT	\$	-
1	DEMOLITION	\$	-
2	SITE WORK	\$	-
3	CONCRETE	\$	-
4	MASONRY	\$	-
5	METALS	\$	-
6	WOODS AND PLASTICS	\$	-
7	THERMAL AND MOISTURE PROTECTION	\$	-
8	DOORS & WINDOWS	\$	160.00
9	FINISHES	\$	-
10	SPECIALTIES	\$	-
11	EQUIPMENT	\$	-
12	FURNISHINGS	\$	-
13	SPECIAL CONSTRUCTION	\$	-
14	CONVEYING SYSTEMS	\$	-
GENERAL CONSTRUCTION SUBTOTAL			\$ 160.00
21	FIRE PROTECTION	\$	-
22	PLUMBING	\$	-
23	HVAC	\$	-
26	ELECTRICAL	\$	840.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 840.00
SUBTOTAL CONSTRUCTION COST			\$ 1,000.00
	GENERAL REQUIREMENTS - 10%	\$	100.00
	DESIGN CONTINGENCY - 5%	\$	50.00
	ESCALATION FOR 4 MONTHS - 3% PER YEAR	\$	10.00
TOTAL CONSTRUCTION COST			\$ 1,160.00



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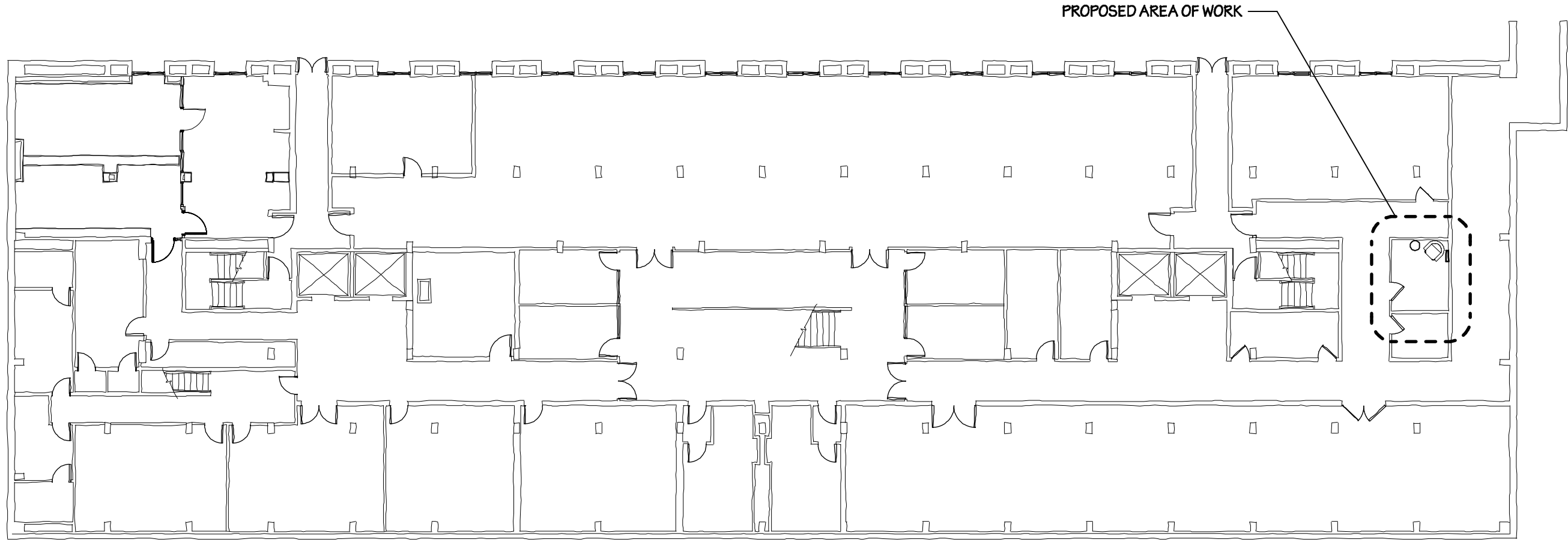
Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Marano Campus Center: Second Floor

11/18/2016

Dwyer Project No. 16-042

DIV. NO.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT COST	TOTAL
DIV. 8	DOORS & WINDOWS				
	Transluscent film (for existing windows and sidelight)	32	S.F.	\$ 5.00	\$ 160.00
				DIVISION 8	\$ 160.00
	TOTAL (Base Bid)				\$ 160.00



1

BASEMENT LEVEL KEY PLAN
NTS



ONONDAGA HALL: BASEMENT LEVEL

DATE ISSUED: 11/18/2016

SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

PROJ. NO: 16-042

Main Campus
Oswego, NY 13126



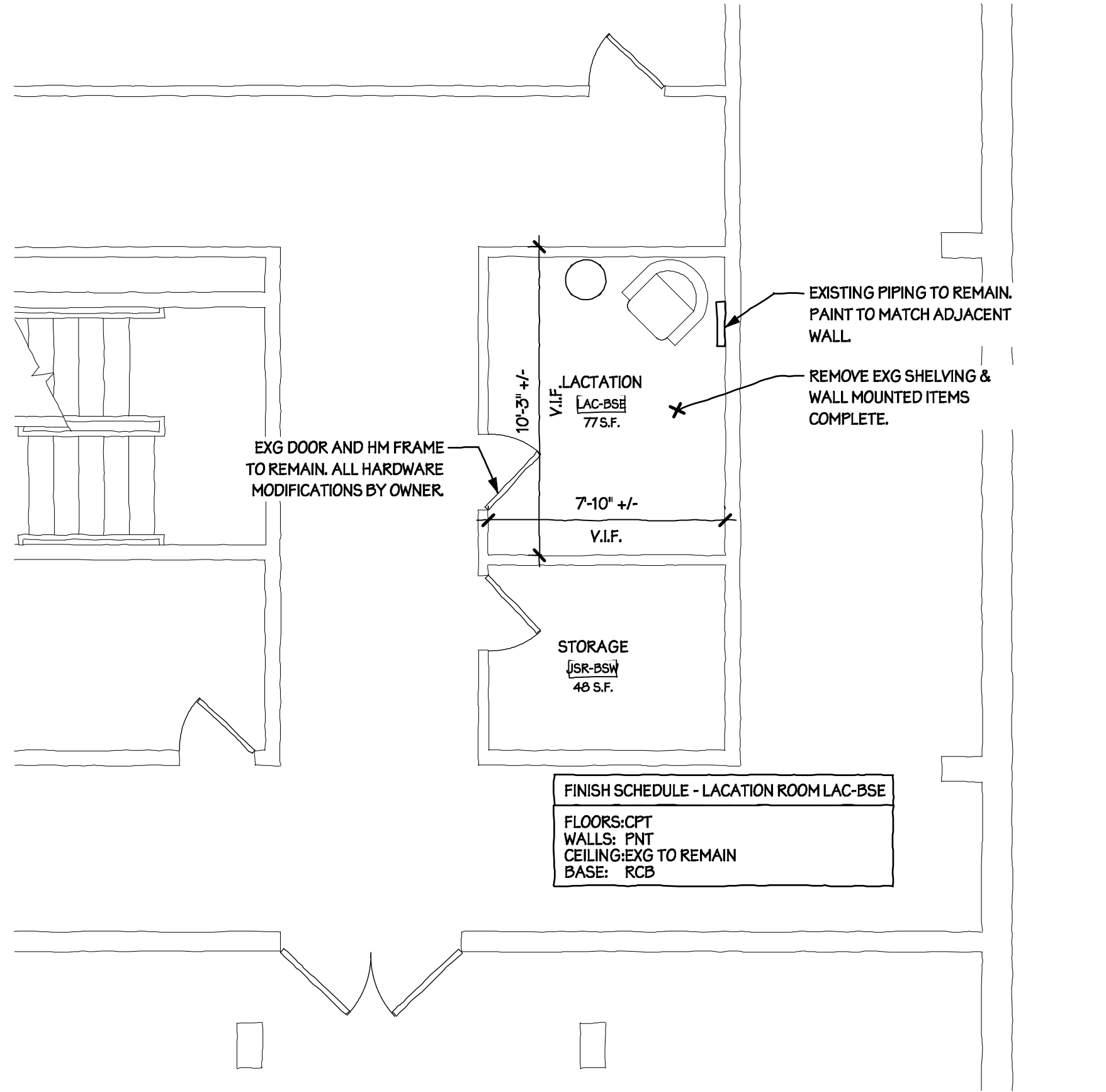
OND-001



1

PROPOSED CONSTRUCTION PLAN

Scale: 1/4" = 1'-0"



ONONDAGA HALL: BASEMENT LEVEL

DATE ISSUED: 11/18/2016

SUNY OSWEGO
 CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY
 Main Campus
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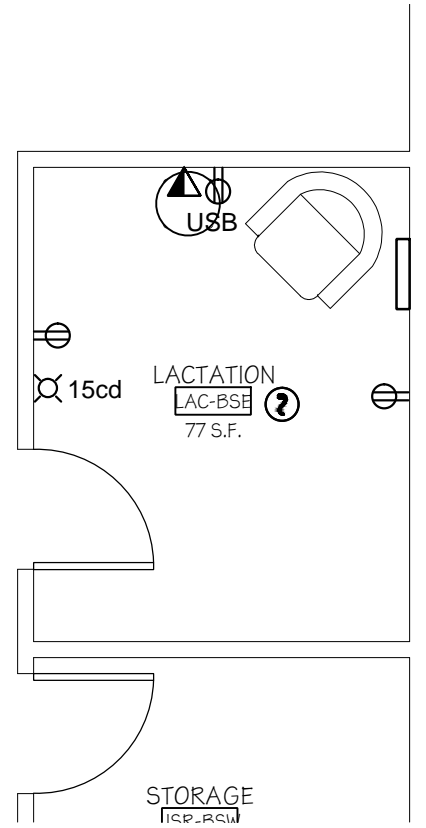


PROJ. NO: 16-042

OND-002

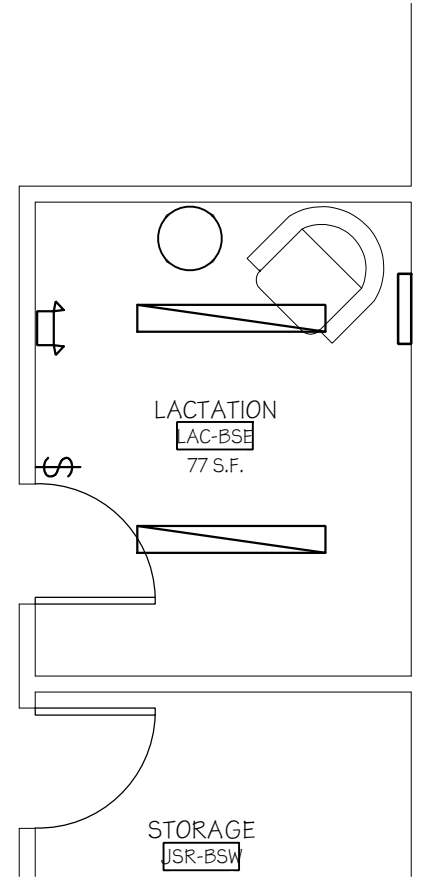
ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕ USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
⊕?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊕ Xcd	FIRE ALARM VISUAL DEVICE, 'C' INDICATES CEILING MOUNT, 'Xcd' ASSIGNS INTENSITY
▭	PENDANT MOUNTED LIGHTING FIXTURE
⊕	EMERGENCY LIGHT
▼	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM
ETR	EXISTING TO REMAIN



DRAWING NOTES

1. PROVIDE HVAC DIFFUSERS AND DUCTWORK TO NEW LACTATION ROOM AND CONNECT DUCTWORK TO EXISTING VENTILATION SYSTEM.
2. PROVIDE RECEPTACLES ON NEW WALLS AND CONNECT TO NEARBY RECEPTACLE CIRCUIT WITH AVAILABLE CAPACITY.
3. PROVIDE WALL MOUNTED LIGHTING FIXTURE AND CONNECT TO NEARBY LIGHTING CIRCUIT WITH AVAILABLE CAPACITY.
4. PROVIDE NEW SMOKE DETECTOR AND STROBE AND CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 ELECTRICAL POWER AND FIRE ALARM PLAN
1/4" = 1'-0"

2 ELECTRICAL LIGHTING PLAN
1/4" = 1'-0"

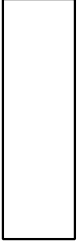
Drawing Title ONONDAGA HALL LACTATION ROOM

DATE ISSUED: 11/18/2016

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CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY
Main Campus
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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Onondaga Hall: Basement Level

11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 77 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT		\$ -
1	DEMOLITION		\$ 250.00
2	SITE WORK		\$ -
3	CONCRETE		\$ -
4	MASONRY		\$ -
5	METALS		\$ -
6	WOODS AND PLASTICS		\$ -
7	THERMAL AND MOISTURE PROTECTION		\$ -
8	DOORS & WINDOWS		\$ -
9	FINISHES		\$ 1,485.00
10	SPECIALTIES		\$ -
11	EQUIPMENT		\$ -
12	FURNISHINGS		\$ -
13	SPECIAL CONSTRUCTION		\$ -
14	CONVEYING SYSTEMS		\$ -
GENERAL CONSTRUCTION SUBTOTAL			\$ 1,735.00
21	FIRE PROTECTION		\$ -
22	PLUMBING		\$ -
23	HVAC		\$ 1,150.00
26	ELECTRICAL		\$ 1,995.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 3,145.00
SUBTOTAL CONSTRUCTION COST			\$ 4,880.00
	GENERAL REQUIREMENTS - 10%		\$ 490.00
	DESIGN CONTINGENCY - 5%		\$ 245.00
	ESCALATION FOR 4 MONTHS - 3% PER YEAR		\$ 50.00
TOTAL CONSTRUCTION COST			\$ 5,665.00



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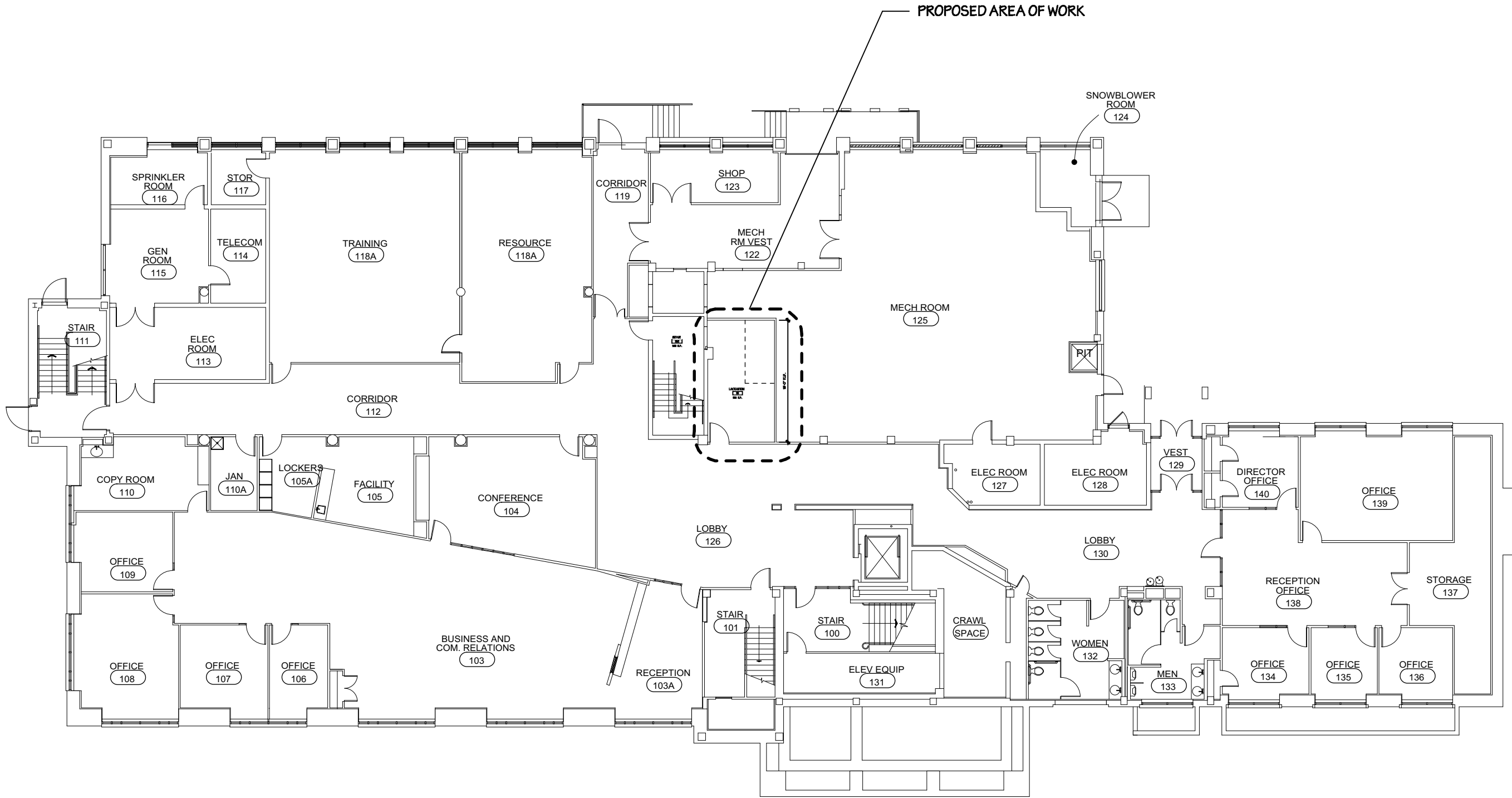
Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Onondaga Hall: Basement Level

11/18/2016

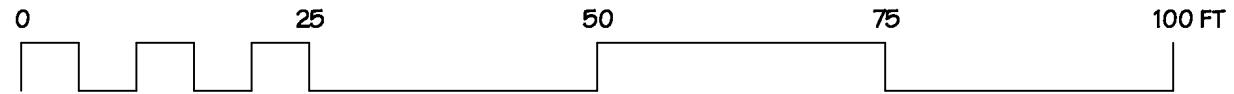
Dwyer Project No. 16-042

DIV. NO.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT COST	TOTAL
DIV. 1	GENERAL REQUIREMENTS				
	DEMOLITION				
	Remove existing shelving	1	LS	\$ 250.00	\$ 250.00
				DIVISION 1 -	\$ 250.00
DIV. 9	FINISHES				
	WALL CONSTRUCTION				
	Patch existing walls to remain	1	LS	\$ 200.00	\$ 200.00
	FLOORING				
	Carpet Tile	77	SF	\$ 4.45	\$ 342.65
	Rubber base	37	LF	\$ 2.92	\$ 108.04
	Floor Prep	111	SF	\$ 4.36	\$ 483.96
	PAINTS AND COATINGS				
	Paint interior walls (primer + 2 coats)	290	SF	\$ 1.20	\$ 348.00
				DIVISION 9 -	\$ 1,485.00
	TOTAL (Base Bid)				\$ 1,735.00



1

LOWER LEVEL KEY PLAN
NTS



RICH HALL: LOWER LEVEL

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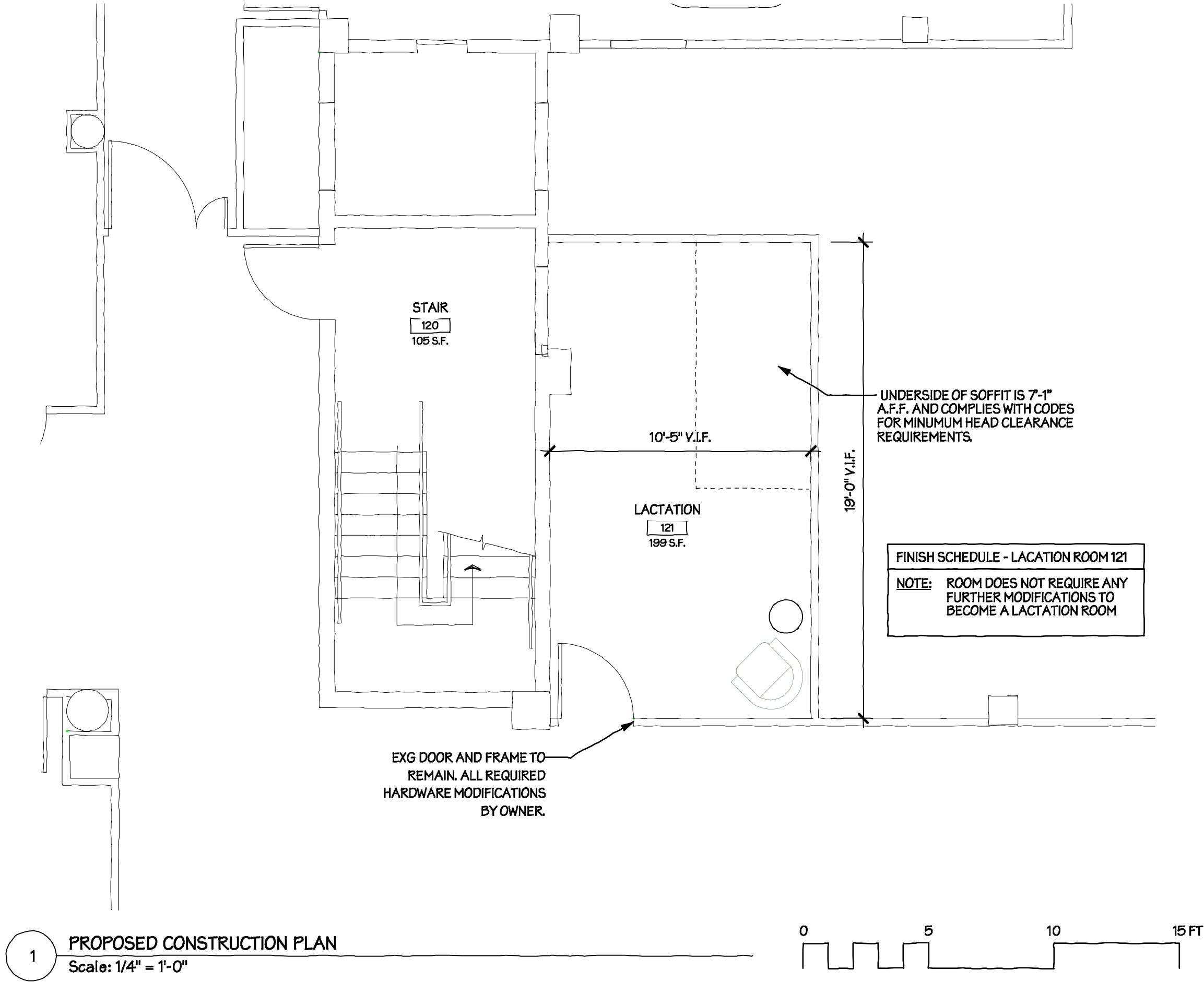
SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY
Main Campus
Oswego, NY 13126

ARCHITECTURAL

PROJ. NO: 16-042

RCH-001





1 PROPOSED CONSTRUCTION PLAN
 Scale: 1/4" = 1'-0"



RICH HALL: LOWER LEVEL

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 ARCHITECTURAL

SUNY OSWEGO
 CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY
 Main Campus
 Oswego, NY 13126

PROJ. NO: 16-042

RCH-002

FINISH SCHEDULE - LACATION ROOM 121
 NOTE: ROOM DOES NOT REQUIRE ANY FURTHER MODIFICATIONS TO BECOME A LACTATION ROOM

EXG DOOR AND FRAME TO REMAIN. ALL REQUIRED HARDWARE MODIFICATIONS BY OWNER.

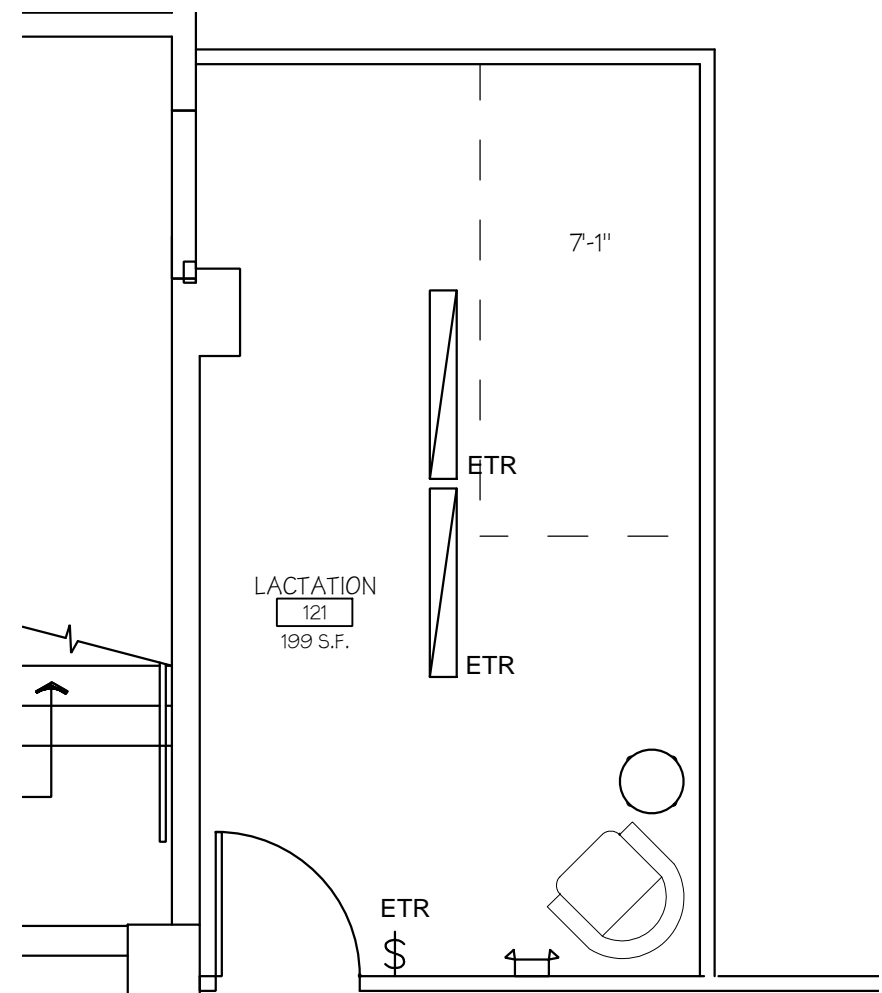
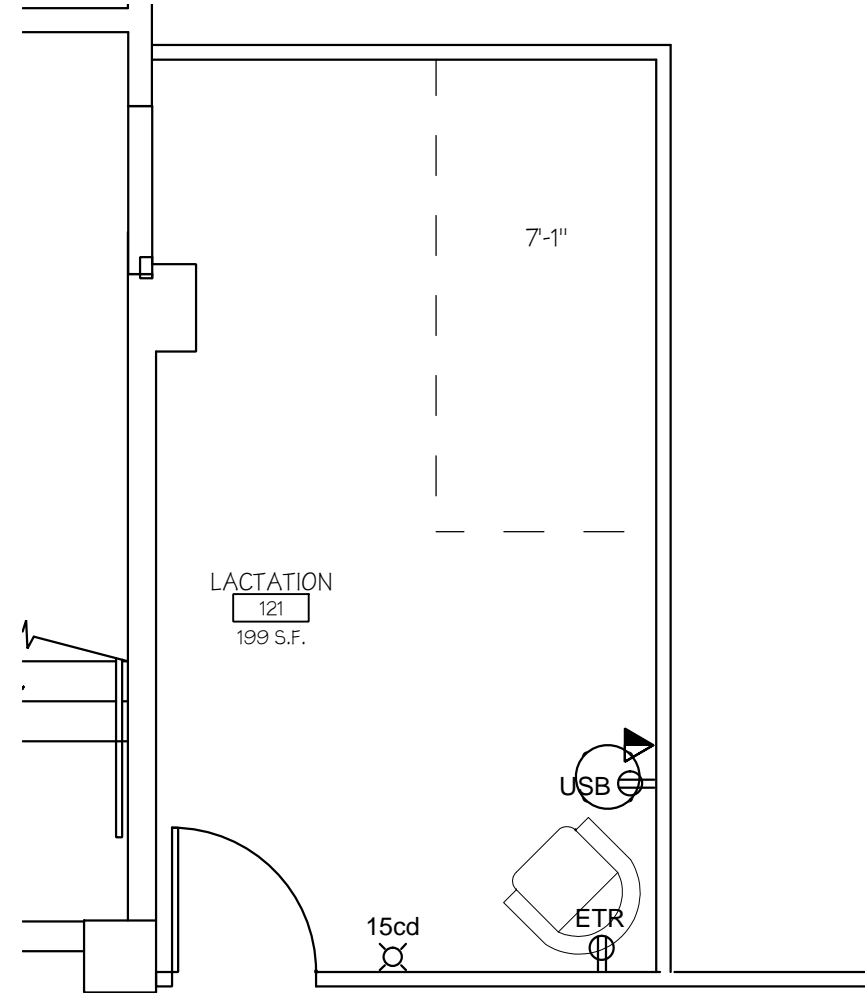
UNDERSIDE OF SOFFIT IS 7'-1" A.F.F. AND COMPLIES WITH CODES FOR MINIMUM HEAD CLEARANCE REQUIREMENTS.

ELECTRICAL SYMBOL LIST

⊕	DUPLEX RECEPTACLE
⊕ USB	DUPLEX RECEPTACLE WITH USB CABLE CONNECTION IN OUTLET
\$	AC LIGHTING SWITCH
⊕?	FIRE ALARM SYSTEM, SMOKE DETECTOR; PHOTOELECTRIC TYPE UNLESS INDICATED OTHERWISE.
⊕ X	FIRE ALARM VISUAL DEVICE, 'C' INDICATES CEILING MOUNT, 'XXcd' ASSIGNS INTENSITY
▭	PENDANT MOUNTED LIGHTING FIXTURE
⊕	EMERGENCY LIGHT
▼	TELEPHONE AND DATA OUTLET, INTERCOMMUNICATION SYSTEM
ETR	EXISTING TO REMAIN

DRAWING NOTES

1. PROVIDE RECEPTACLES ON WALL AND CONNECT TO NEARBY RECEPTACLE CIRCUIT WITH AVAILABLE CAPACITY.
2. EXISTING LIGHTS AND SWITCH TO REMAIN.
3. PROVIDE NEW SMOKE DETECTOR AND STROBE AND CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE DEVICES COMPATIBLE WITH EXISTING SYSTEM.



1 **ELECTRICAL POWER AND FIRE ALARM PLAN**
1/4" = 1'-0"

2 **ELECTRICAL LIGHTING PLAN**
1/4" = 1'-0"

Drawing Title RICH HALL LACTATION ROOM

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SUNY OSWEGO
CAMPUS-WIDE LACTATION ROOM IMPLEMENTATION STUDY

REV. NO.: A###
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Rough Order of Magnitude Estimate for: SUNY Oswego - Campus-Wide Lactation Room Implementation Study

Rich Hall: Lower Floor

11/18/2016

Dwyer Project No. 16-042

Renovated Area of Work 268 NSF

Project Summary

DIV	DESCRIPTION	Cost	Total Cost
0	ASBESTOS ABATEMENT		\$ -
1	DEMOLITION		\$ -
2	SITE WORK		\$ -
3	CONCRETE		\$ -
4	MASONRY		\$ -
5	METALS		\$ -
6	WOODS AND PLASTICS		\$ -
7	THERMAL AND MOISTURE PROTECTION		\$ -
8	DOORS & WINDOWS		\$ -
9	FINISHES		\$ -
10	SPECIALTIES		\$ -
11	EQUIPMENT		\$ -
12	FURNISHINGS		\$ -
13	SPECIAL CONSTRUCTION		\$ -
14	CONVEYING SYSTEMS		\$ -
GENERAL CONSTRUCTION SUBTOTAL			\$ -
21	FIRE PROTECTION		\$ -
22	PLUMBING		\$ -
23	HVAC		\$ -
26	ELECTRICAL		\$ 985.00
MECHANICAL / ELECTRICAL SUBTOTAL			\$ 985.00
SUBTOTAL CONSTRUCTION COST			\$ 985.00
GENERAL REQUIREMENTS - 10%			\$ 100.00
DESIGN CONTINGENCY - 5%			\$ 50.00
ESCALATION FOR 4 MONTHS - 3% PER YEAR			\$ 10.00
TOTAL CONSTRUCTION COST			\$ 1,145.00