

State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387

Solicitation Information
October 2, 2013

ADDENDUM # 2

RFQ# 7506367

**CONSTRUCTION NEW LGBTQ CENTER, INCLUDE DEMOLITION RUGGELS HOUSE –
URI**

BID OPENING: Wednesday, October 09, 2013 at 11:00 AM (Local Prevailing Time)

Notice to Vendors:

A question was asked regarding site work. Site work for the proposed design is part of the original bid set dated 05/24/2013. With Addendum #1 we issued the Early Site Work Package that includes the demolition for the existing building on the site.

ATTACHED INCLUDES:

Additional information regarding the project manual as well as drawings.

**INTERESTED PARTIES SHOULD MONITOR THE WEBSITE FOR ANY INFORMATION
CONTRACTORS MUST COMPLY WITH THE STATE'S PUBLIC COPY REQUIREMENT**

**Thomas Bovis
Interdepartmental Project Manager**

Addendum #2

To: All Prospective Bidders
From: LLB Architects

Date: 1 October 2013
Project: 1203 URI- LGBTQ Center
Description: Addendum #2

Project Name:
URI-LGBTQ Center
Kingstown, RI

Part 1 - General

The attention of Bidders submitting proposals for the **LGBTQ Center** is called to the following Addendum to the Construction Documents and Project Manual Dated **May 24, 2013** prepared by LLB Architects

The items set forth herein, whether of revision, omission, addition, substitution, deletion, or clarification are all to be included in the bid.

The addendum modifies the original **Contract Documents and Project Manual** dated **May 24, 2013**. Portions of the Contract Documents and Project Manual not altered by this addendum or previous addendum shall remain in full force.

The number of the addendum (**Addendum No.2**) must be entered in the appropriate spaces on the required bid form(s).

Part 2 – Project Manual

Item #	Section#	Section Description
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Action

S01	01401	Attachment A- Quality Requirements
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ADD Part

C. Mockups

1. Mockups: Full-size physical assemblies that are constructed on-site. Mockups are constructed to verify selections made under Sample submittals; to demonstrate aesthetic effects and, where indicated, qualities of materials and execution; to review coordination,

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testing, or operation; to show interface between dissimilar materials; and to demonstrate compliance with specified installation tolerances. Mockups are not Samples.

2. Mockups are required as identified in the Specifications or indicated on the Drawings with a dotted area and a designation MK-#.
3. Integrated Exterior Mockups: Mockups of the exterior envelope erected separately from the building but on Project site, consisting of multiple products, assemblies, and subassemblies. These include:
 - a. MK-1: Corner window/sill and zinc flashing assembly.
 - b. MK-2: Stone wall/window/sill/flashing assembly.
 - c. MK-7 (not shown on Drawings): Corner stone wall/roof/gutter assembly @ northeast corner of conference room, consisting of complete wall assembly, insulation, weather barrier, flashing, stone cladding, built-in gutter, and standing seam roof.
4. Freestanding mockups shall include structure to adequately support the mockup during the duration of the inspection and approval period. No additional compensation for the construction of required mockups shall be considered.

S02 230900 Instrumentation and Control for HVAC

ADD Part

1.4 SCOPE

- A. Furnish and install, as hereinafter specified, an electric/electronic temperature control system and Facilities Management and Control System. The system shall be comprised of a network of various independent stand-alone Digital Controllers (SDC's), Programmable Unit Controllers (PUC's), Air Terminal Control Units (ATCU's), electric/electronic control equipment, thermostats, sensors, controllers, valves, panels, and related hardware and other accessory equipment, along with a complete system of electrical control wiring to fill the intent of the

specifications and provide for a complete and operable system. Systems and components manufactured under ISO-9001 certification are preferred. Controls system shall interface seamlessly with the University's existing building management system located in the Sherman Building.

- B. Provide a graphic display for each piece new major piece of HVAC equipment (i.e. air handling unit, return fan, rooftop unit etc.) Equipment shall be represented by a two or three-dimensional drawing. Where multiple pieces of equipment combine to form a system, such as air handling units and return air fan provide one graphic to depict the entire system. Indicate the equipment, piping, ductwork, dampers, and control valves in the installed location. Include labels for equipment, piping, ductwork, dampers, and control valves. Show the direction of air and water flow. Include dynamic display of applicable object data with clear names in appropriate locations. Show the position of the fresh air return and outdoor air dampers, discharge/return air temperature, supply, return and outdoor air flow. Show all related alarm points. Show condition of freeze thermostat and smoke detectors. Provide communication jack at the main panel in the building for field connection of a portable trouble shooting and programming device.
- C. Alarms, where applicable and all interlocking wiring required shall be provided by the ATC Subcontractor.
- D. The ATC Subcontractor shall review and study all HVAC, Electrical and Plumbing drawings and entire specification to familiarize themselves with the equipment and system operation and to verify the quantities and types of dampers, operators, alarms, etc., he has to provide. Numerous references to the ATC Subcontractor are made throughout this specification identifying work to be performed under this Section in addition to work specifically indicated under this paragraph.
- E. All interlocking wiring and installation of control devices associated with the energy recover units, rooftop units, fans, etc., and shall be provided by the ATC Subcontractor. Close coordination shall be

exercised between the ATC Subcontractor and the HVAC Subcontractor and equipment manufacturers so that installation will be provided in a manner to result in fully operable systems, as intended in these specifications.

- F. Interfacing control and monitoring of manufacturer supplied controls shall be by this contractor.
- G. Provide incidental 110V power wiring to panels and control transformers where not shown on electrical drawings.
- H. The controls systems shall be installed by competent control mechanics and electricians regularly trained by the manufacturer of the control equipment. All control equipment shall be the product of one (1) manufacturer and all ATC components shall be capable of interfacing with the HVAC equipment. The factory trained control contractor must maintain adequate staff and offer standard services to fully support the owner in the timely maintenance, repair, and operation of the control system. Contractors who do not maintain such staff and offer services or must develop some for this project are not acceptable. Bids from franchised dealers or others whose principal business is not the installation and service of temperature control systems will not be acceptable.

S03 230900 Instrumentation and Control for HVAC

REVISE Part

2.2 CONTROL SYSTEM

- A. Acceptable Manufacturers:
 - 1. Andover Controls Corporation.
 - 2. Siemens Building Technologies, Inc.
- B. Control system shall consist of sensors, indicators, actuators, final control elements, interface equipment, other apparatus, and accessories to control mechanical systems.
- C. Control system shall consist of sensors, indicators, actuators, final control elements, interface equipment, other apparatus, accessories, and software connected to

distributed controllers operating in multiuser, multitasking environment on token-passing network and programmed to control mechanical systems. An operator workstation permits interface with the network via dynamic color graphics with each mechanical system, building floor plan, and control device depicted by point-and-click graphics.

D. BACnet Communications and Interoperability Areas

1. Demonstrate proper interoperability between the equipment manufacturer's packaged controls and the University's Control System for data sharing, alarm and event management, trending, scheduling, and device and network management. If available or required in this specification, use a BACnet protocol analyzer to assist with identifying devices, viewing network traffic, and verifying interoperability. These requirements must be met even if there is only one manufacturer of equipment installed.

S04 265100 Interior Lighting **(REISSUED IN ENTIRETY)**

Part 3 – Drawings

Item #	Drawing#	Drawing Description
		<u>Action</u>
D01	C0.02	Drainage, Utility, and Erosion and Sedimentation Control Plan (REISSUED IN ENTIRETY)
D02	A9.00	Door Schedule (SEE REVISION CLOUDS)
D03	SKA-001	Detail at Multipurpose- Window Box ADD Detail B2 to sheet A9.20
D04	SKA-002	Detail at Multipurpose- Bay Window Above Revises Detail A2.2/A10.00 & Enlarged Plan at East Vestibule- Clapboard Revises Detail B2/A10.01
D05	E1.00	Electrical Site Plan (SEE REVISION CLOUDS)
D06	E2.00	Electrical Lighting Power & Systems Plans (SEE

REVISION CLOUDS)

D07 E3.00 Electrical Symbol, Legend, Schedules and Details
(SEE REVISION CLOUDS)

D08 E3.01 Electrical Details **(SEE REVISION CLOUDS)**

End of ADDENDUM refer to attachments

Attachments

8 Drawings total

4 Specification Sections total

SECTION 265100**INTERIOR LIGHTING****PART 1 - GENERAL****1.1 SUMMARY****A. This Section includes the following:**

1. Interior lighting fixtures with LED lamps.
2. Lighting fixtures mounted on exterior building surfaces with lamps and ballasts.
3. Accessories, plaster rings, fasteners, etc.
4. Lamps in equipment (regardless of which specification Division that the equipment is supplied under). This includes lamps in fan/light combinations, heat lamps, lamps in medicine cabinets, etc.

1.2 RELATED DOCUMENTS:

- A. The General Conditions, Supplementary Conditions, and applicable portions of Division 1 of the specification are part of this section which shall consist of all labor, equipment, materials and other costs necessary to complete all **INTERIOR LIGHTING** work indicated on the drawings, herein specified or both.
- B. The applicable portions of section 260500 BASIC ELECTRICAL MATERIALS AND METHODS are hereby make a part of this section. It is important that you read that section carefully because it expands upon the requirements herein.

1.3 SUBMITTALS

- A. **Product Data:** For each type of lighting fixture scheduled, arranged in order of fixture designation. Include data on features, accessories, and finishes.
- B. **Shop Drawings:** Show details of nonstandard or custom fixtures. Indicate dimensions, weights, methods of field assembly, components, features, and accessories.
- C. **Operation and maintenance data.**

1.4 QUALITY ASSURANCE

- A. **Electrical Components, Devices, and Accessories:** Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
- B. **Comply with NFPA 70.**

- C. FMG Compliance: Fixtures for hazardous locations shall be listed and labeled for indicated class and division of hazard by FMG.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products specified.

2.2 LIGHTING FIXTURES

- A. See schedules on drawings. Note all light fixtures are LED. Fluorescent lighting is not acceptable.

- B. Manufacturer substitution of the following light fixtures are acceptable. However, the Engineer's decision is final:

1. Type EBU
Evenlite
Dualite
2. Type K
Daybrite
Williams
3. Type M4
Pinnacle
Ledalite
4. Type M8
Pinnacle
Ledalite
5. Type RD2
Finelite
Ledalite
6. Type RD4
Finelite
Ledalite
7. Type RH
Evenlite
Dualite

8. Type V
Indy
Edison Price
9. Type X
Dualite
Evenlite
10. Type Z
Finelite
Pinnacle

2.3 FIXTURE SUPPORT COMPONENTS

- A. Comply with Division 26 Section "Basic Electrical Materials and Methods" for channel- and angle-iron supports and nonmetallic channel and angle supports.
- B. Single-Stem Hangers: 1/2-inch (13-mm steel tubing with swivel ball fittings and ceiling canopy. Finish same as fixture).
- C. Twin-Stem Hangers: Two, 1/2-inch (13-mm) steel tubes with single canopy designed to mount a single fixture. Finish same as fixture.
- D. Wires: ASTM A 641/A 641M, Class 3, soft temper, zinc-coated, 12 gage 2.68 mm.
- E. Wires For Humid Spaces: ASTM A 580/A 580M, Composition 302 or 304, annealed stainless steel, 12 gage (2.68 mm).
- F. Rod Hangers: 3/16-inch (5-mm) minimum diameter, cadmium-plated, threaded steel rod.
- G. Hook Hangers: Integrated assembly matched to fixture and line voltage and equipped with threaded attachment, cord, and locking-type plug.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Fixtures: Set level, plumb, and square with ceilings and walls. Install lamps in each fixture.
- B. Provide Unistrut support as necessary where the structure or other trades conflict.
- C. Support for Fixtures in or on Grid-Type Suspended Ceilings: Use grid for support.
 1. Install a minimum of four ceiling support system rods or wires for each fixture. Locate not more than 6 inches (150 mm) from fixture corners.

2. Fixtures of Sizes Less Than Ceiling Grid: Install as indicated on reflected ceiling plans or center in acoustical panel, and support fixtures independently with at least two 3/4-inch (20-mm) metal channels spanning and secured to ceiling tees.
 3. Provide additional support, independent of ceiling grid for all fixtures (including incandescent) by use of jack chain having breaking strength of 3 times the weight of the fixture (minimum of #12). Fixtures over one foot in length shall be supported at all four corners.
 4. See section 260548, "Seismic Controls" for additional requirements.
- D. Suspended Fixture Support: As follows:
1. Pendants and Rods: Where longer than 48 inches (1200 mm), brace to limit swinging.
 2. Stem-Mounted, Single-Unit Fixtures: Suspend with twin-stem hangers.
 3. Continuous Rows (stem mounted): Use tubing or stem for wiring at one point and tubing or rod for suspension for each unit length of fixture chassis, including one at each end.
 4. Continuous Rows (cable mounted): Suspend from cable.
 5. Support: Per NEC 410-16.
- E. Air-Handling Fixtures: Install with dampers closed and ready for adjustment.
- F. Adjust aimable fixtures to provide required light intensities. Adjust all fixtures to the satisfaction of the Engineer. Adjustments required at night shall be done at no additional charge. Provide all equipment needed including scaffolding, if required.

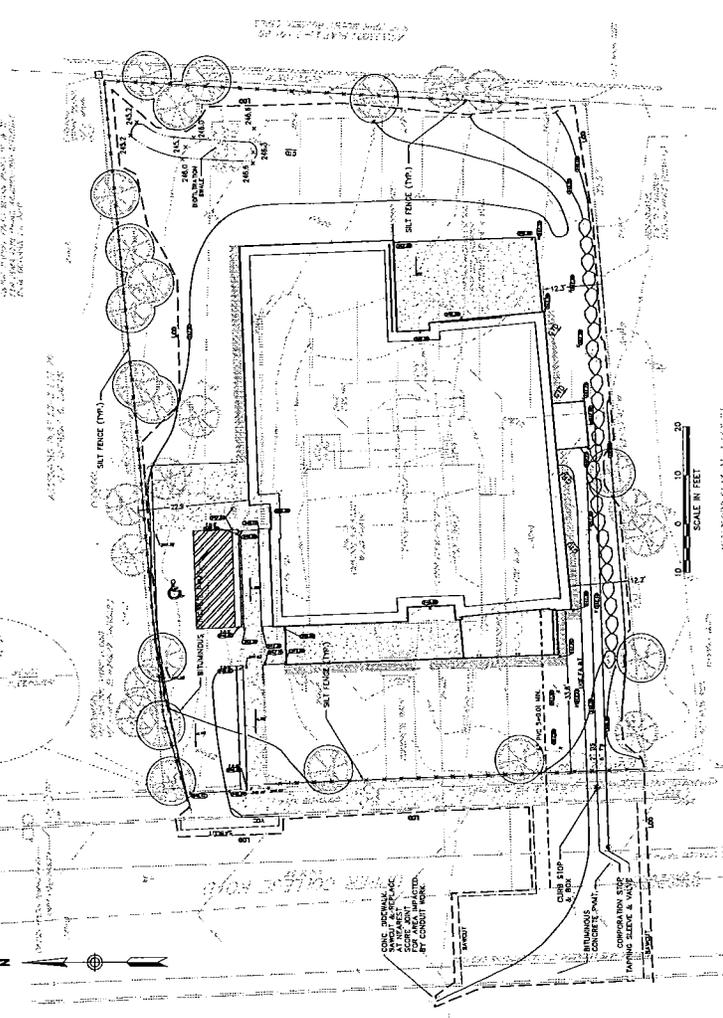
END OF SECTION 265100

Notes:

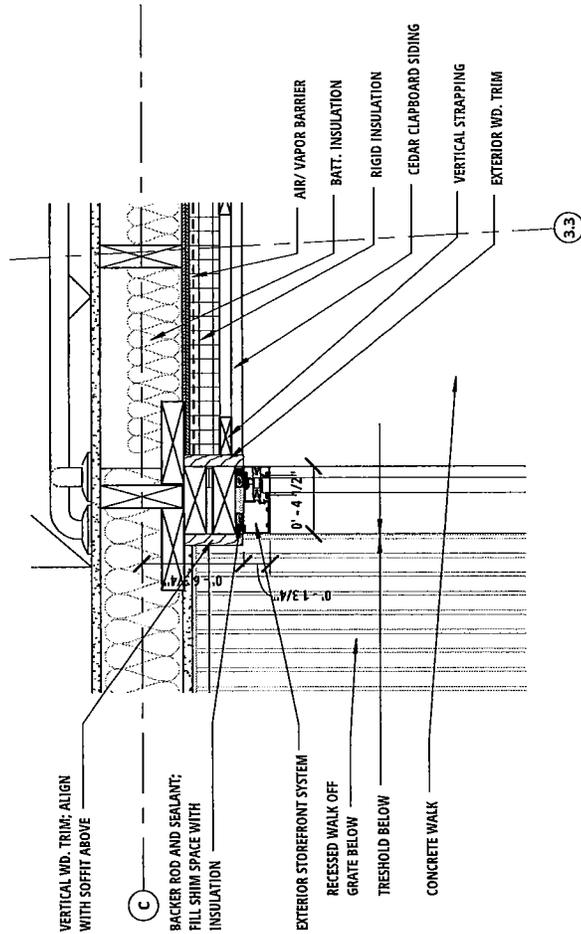
1. SEE GRADING, SITE LAYOUT, AND MATERIALS ARE SHOWN FOR INFORMATIONAL PURPOSES. SEE PLANS BY OTHERS FOR SITE GRADING, LAYOUT, AND MATERIALS.
2. FINISH LAYOUT DIMENSIONS ARE FROM FACE OF BUILDING.
3. DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. WITHIN THE UNITS OF THE PROPOSED BUILDING AND SITE, METERS TO DECIMALS SHALL BE USED.

General:

1. THIS PLAN IS A PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. THE CLIENT IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES.
3. THE CLIENT IS RESPONSIBLE FOR OBTAINING ALL NECESSARY SURVEY DATA AND RECORDS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES.
4. THE CLIENT IS RESPONSIBLE FOR OBTAINING ALL NECESSARY RECORDS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES.
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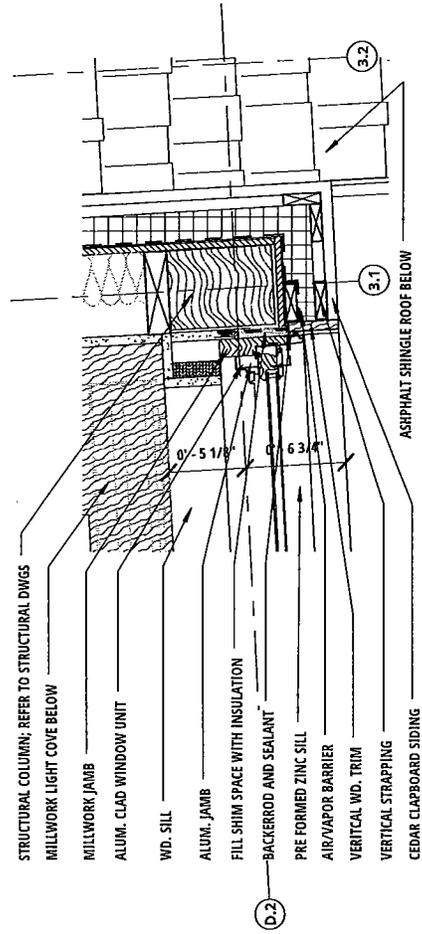


SCALE IN FEET
 0 10 20



ENLARGED PLAN AT EAST VESTIBULE - CLAPBOARD
 A2 (B2/A10.01)
 Scale: 1 1/2" = 1'-0"

LLB ARCHITECTS
 Lerner Luedde Barrels
 161 Bohning St.
 Pawtucket, RI 02860
 401.421.7715
 www.LLBarch.com

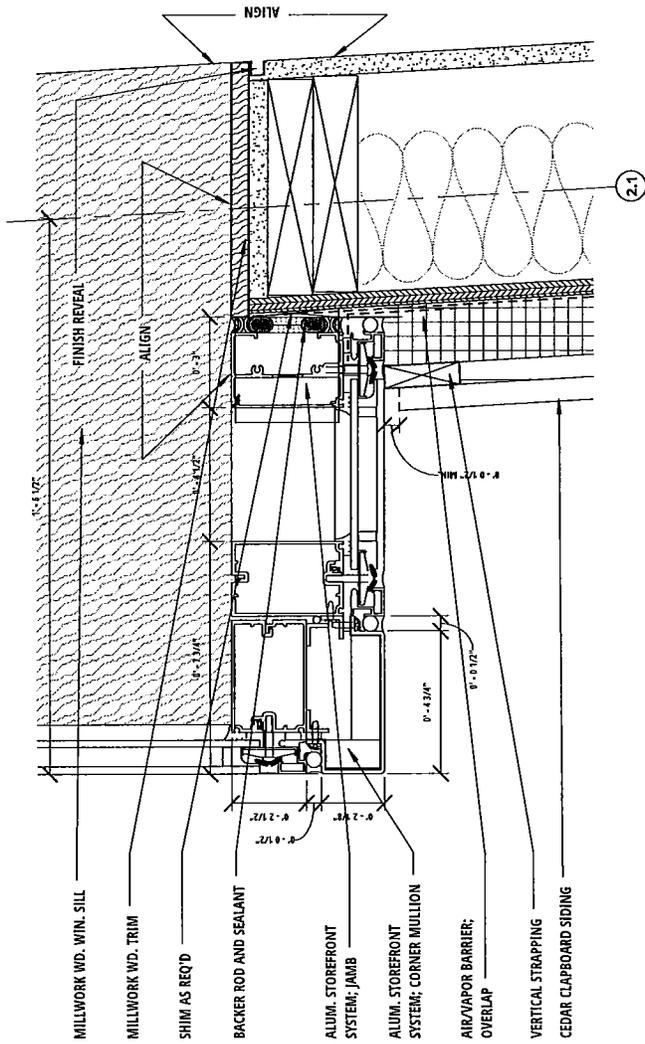


DETAIL AT MULTIPURPOSE - BAY WINDOW-ABOVE
 A1 (A2.2/A10.00)
 Scale: 1 1/2" = 1'-0"

UNIVERSITY OF RHODE ISLAND
 LGBTQ CENTER
 PROJECT NUMBER:1203

ADDENDUM #2
 REVISES DETAILS A2.2/A10.00 & B2/A10.01
 10/01/2013

PLAN DETAILS
SKA-002

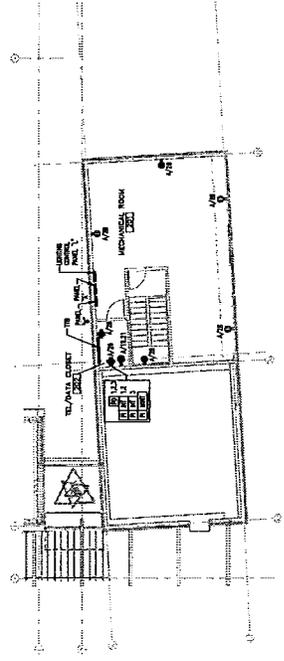


- MILLWORK WD. WIN. SILL
- MILLWORK WD. TRIM
- SHIM AS REQ'D
- BACKER ROD AND SEALANT
- ALUM. STOREFRONT SYSTEM; JAMB
- ALUM. STOREFRONT SYSTEM; CORNER MULLION
- AIR/VAPOR BARRIER OVERLAP
- VERTICAL STRAPPING
- CEDAR CLAPBOARD SIDING

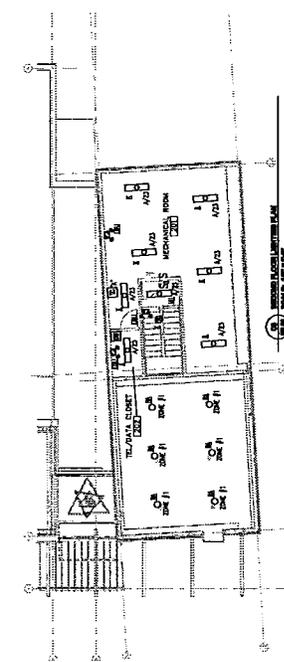
MULTIPURPOSE WINDOW BOX JAMB & CORNER MULLION
(B2/A9.20)

A1
SKA-001

Scale: 3" = 1'-0"



TELAVAIL CLOSET ELECTRICAL & LIGHTING PLAN
 SCALE: 1/8" = 1'-0"



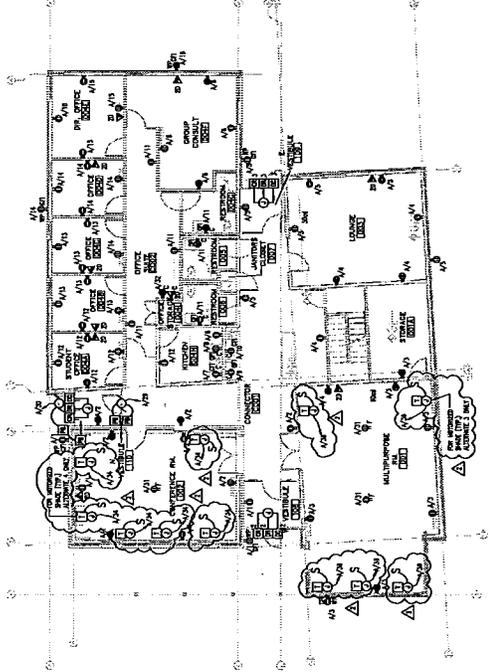
TELAVAIL CLOSET ELECTRICAL & LIGHTING PLAN
 SCALE: 1/8" = 1'-0"

SHEET NOTES:

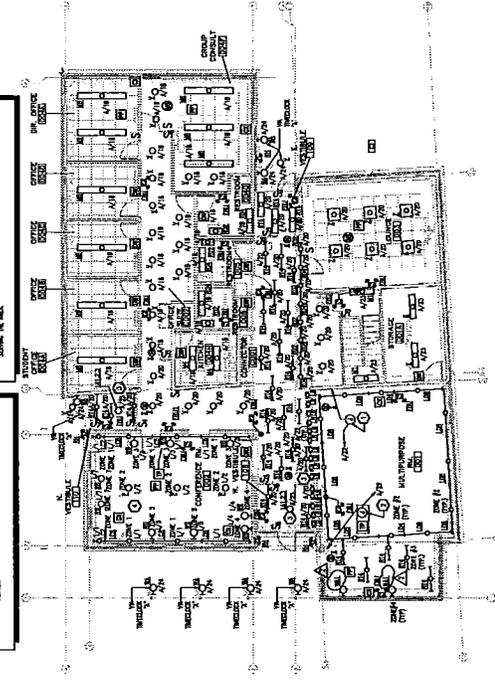
- FOR WORK BY OTHER TRADES, CONSULT DRAWING NUMBER THE PROJECT TO BE INSTALLED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
- ALL LIGHT FIXTURES & EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL LIGHTING QUALITY ASSOCIATION (NLQ) STANDARDS.
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LIGHTING NOTES:

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TELAVAIL CLOSET ELECTRICAL & LIGHTING PLAN
 SCALE: 1/8" = 1'-0"



TELAVAIL CLOSET ELECTRICAL & LIGHTING PLAN
 SCALE: 1/8" = 1'-0"

