

ADDENDUM NO. 1

PROJECT NAME: Nebraska Union First Floor Selective Refurbishment
UNL PROJECT NUMBER: C026P336
BID INVITATION NUMBER: 2209-13-7200

CONSULTANT: Holland Basham Architects
ADDRESS: 119 S. 49th Ave, Omaha, NE

DATE OF ISSUANCE: 20 August 2013
DATE OF BID OPENING: 27 August 2013

The bid documents dated 02 August 2013 for the above referenced project are amended by this addendum.

NOTICE: This Addendum is issued to all interested prospective bidders as an amendment to the project manual or other parts of the bidding (contract) documents for the above named project. Reference to this Addendum must be included in the Bid proposal. The information contained herein shall be fully incorporated into the contract documents as though originally included therein.

Meeting agenda and sign-in sheets from the Pre-bid meeting held on Wednesday, August 14, 2013 are attached.

QUESTIONS TO THE PROJECT MANUAL:

SUBSTITUTION REQUEST:

SECTION 23 30 00 Air Distribution:

1. Request for additional manufacturers approved for Air Filters, Fire and Smoke Dampers and Diffusers, Registers and Grilles.

RESPONSE: The following manufacturers are approved:

Air filters – Camfil USA, Inc.
Fire and Smoke Dampers – NCA Manufacturing, Inc.
Diffusers, Registers and Grilles – Anemostat

MODIFICATIONS TO THE PROJECT MANUAL:

SECTION 01 21 00 – ALLOWANCES:

1. Delete section in its entirety

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SECTION 01 23 00 – ALTERNATES:

1. Modify the following:
 - a. PART 3- EXECUTION, 3.1 Schedule of Alternates, Alternate no. 4:
 - i. Base bid: Remove last sentence: *New cove lighting in south corridor 126 to be fluorescent.*
 - ii. Alternate bid: Remove last sentence: *Provide LED cove lighting in south corridor in lieu of fluorescent fixtures.*

SECTION 08 43 13 – ALUMINUM FRAMED STOREFRONTS:

1. Delete section in its entirety.

SECTION 08 71 00 - DOOR HARDWARE:

1. Delete from Part 3 - Execution, Section 3.06, Schedule item B - Hardware sets: Set number 1.

SECTION 21 05 00 - FIRE PROTECTION:

1. Delete from section:
 - a. Part 1.8 EXTRA MATERIALS
 - b. Part 2.2 MANUFACTURERS, A., 1, 3 and 4
 - c. Part 2.3 PIPE AND MATERIALS, B, D and E.
 - d. Part 2.4 PIPE FITTINGS, B, E, F, G and H
 - e. Part 2.5 JOINING MATERIALS.
 - f. Part 2.6 SPRINKLER SPECIALTY FITTINGS, B, D and F.
 - g. Part 2.7 LISTED FIRE PROTECTION SERVICE VALVES.
 - h. Part 2.8 SPECIALTY VALVES.
 - i. Part 2.10 ALARM DEVICES.
 - j. Part 2.11 PRESSURE GAGES.
 - k. Part 3.2 PIPE APPLICATIONS, B, C and D.
 - l. Part 3.3 PIPING INSTALLATIONS, E, G, H, I, J and K.
 - m. Part 3.4 PIPE JOINT CONSTRUCTION, A, C and D.
 - n. Part 3.5 VALVE INSTALLATIONS.
2. Modify the following:
 - b. Part 2.3 PIPE AND MATERIALS replace C with the following: Steel Pipe: ASTM A 53, Schedule 40 in sizes 2-inch (50mm) and smaller, black and galvanized, plain and threaded ends, for threaded joints.
 - c. Part 3.2 PIPE APPLICATIONS replace A with the following: Black Steel Pipe: Install Schedule 40 for less than 2-inch (50mm); Class 125, cast-iron threaded fittings, threaded joints.

SECTION 23 07 00 HVAC INSULATION:

1. Modify the following:
 - a. Part 2.1 DUCT INSULATION, A., 1. Delete reference to Low Velocity Unlined Supply Ducts and change to High Velocity Unlined Supply Ducts.

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SECTION 23 30 00 AIR DISTRIBUTION:

1. Delete the following:
 - a. Part 1.1 WORK INCLUDED, B., 2., a: Duct liner – For use in acoustical sound traps only.
 - b. Part 2.3 METAL DUCTWORK, B., subparagraphs 2, 3 and 4.
 - c. Part 2.3 METAL DUCTWORK, C., subparagraphs 5, 7, 8, 9 and 10.
 - d. Part 3.5, Installation of Duct Liner.

2. Modify the following:
 - a. Part 2.1 ACCEPTABLE MANUFACTURERS, 1., add the following: d. Camfil USA, Inc.
 - b. Part 2.1 ACCEPTABLE MANUFACTURERS, 2., add the following: g. NCA Manufacturing, Inc.
 - c. Part 2.1 ACCEPTABLE MANUFACTURERS, 5., add the following: f. Anemostat.

SECTION 26 05 00 GENERAL ELECTRICAL:

1. Modify the following:
 - a. Part 1.2 ORDINANCES, LAWS AND CODES: Add D - All work shall be in compliance with the University of Nebraska Lincoln Design Guidelines for Facilities Construction 2011 Edition.

SECTION 26 51 13 LUMINAIRES:

1. Modify the following:
 - a. Part 3.2 INSTALLATION OF LUMINAIRES, A: This requirement applies to all fluorescent (linear and compact) luminaires. Does not apply to LED luminaires.

SECTION 28 31 10 FIRE ALARM SYSTEM - EXISTING:

1. Modify the following:
 - a. Part 1.1 WORK INCLUDED, D: All fire alarm work to be done by electrical contractor. All shutdowns and restarts of main fire alarm system shall be done by UNL BSM. UNL BSM shall be notified in advance for this work and shall be compensated for this work. Contractor shall pay UNL BSM \$75 per shutdown and \$75 per restart.

MODIFICATIONS TO THE DRAWINGS:

SHEET G2.0 – PROPOSED PHASING PLAN

MODIFICATIONS:

1. Modify sheet in its entirety.

SHEET D1.0 – DEMOLITION PLAN:

MODIFICATIONS:

1. Delete the following keyed notes:
 - a. Keyed Demolition Notes: 6, 12, 25, 34 & 36
 - b. Corridor 126; numbers 25, 26 & 29
 - c. Lobby 128; numbers 26
 - d. Vending 128; number 2
 - e. Vestibule 129; numbers 2, 4, 6, 12, 24 & 36

Work in rooms 126, 128, 128A and 129 is no longer in project scope. (UNO by alternate)

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SHEET D1.1 – REFLECTED CEILING DEMOLITION PLAN:

MODIFICATIONS:

1. Delete the following keyed notes:
 - a. Corridor 126: number 14
 - b. Lobby 128: numbers 1 & 14
 - c. Vestibule 129: number 14
2. Modify lights in Vending area 128A to be shown as existing.

Work in rooms 126, 128, 128A and 129 is no longer in project scope. (UNO by alternate)

SHEET A1.0 – OVERALL FLOOR PLAN:

MODIFICATIONS:

1. Delete the following keyed notes:
 - a. Keyed Demolition Notes: numbers 6, 9, 12, 15 & 39
 - b. Corridor 126: numbers 4, 17 & 39
 - c. Lobby 128: numbers 4, 9, 15 & 17
 - d. Lounge 128A: number 20
 - e. Vestibule 129: numbers 9, 12, 17, 18 & 20

Work in rooms 126, 128, 128A and 129 is no longer in project scope. (UNO by alternate)

SHEET A1.1 – ENLARGED FLOOR PLANS:

MODIFICATIONS:

1. Modify the following details/sections:
 - a. Section 5/A1.1: Cloud over coffee and welcome desk.
 - b. Section 6/A1.1: Cloud over coffee and welcome desk.
 - c. Detail 7A/A1.1: Extruded alum. edge is to be 8"

SHEET A2.2 – ENLARGED FLOOR FINISH PLAN:

MODIFICATIONS:

1. Delete the following:
 - a. Lounge 128A: Keyed note 5 & dashed line indicating paint extents.

SHEET A3.0 – REFLECTED CEILING PLAN:

MODIFICATIONS:

1. Delete the following:
 - a. Keyed Notes: numbers 14 and 25
 - b. Corridor 126: number 13 and 14

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- c. Section cut 9/A4.0
 - d. Lobby 128: number 15
 - e. Vestibule 129: number 15
 - f. Enlarged Reflected Ceiling plan: access panel
2. Modify the following:
 - a. Lobby 128: lighting change to existing.
 - b. Vestibule 129: lighting change to existing.
 - c. 2/A3.0 Enlarged RFP: Added dimensions for clarification.

Work in rooms 126, 128, 128A and 129 is no longer in project scope. (UNO by alternate)

SHEET A4.0 – INTERIOR DETAILS:

MODIFICATIONS:

1. Delete the following:
 - a. Detail 9/A4.0

SHEET A5.0 - DOOR SCHEDULE, DETAILS AND ROOM FINISH SCHEDULE:

MODIFICATIONS:

1. Delete the following:
 - a. Door Schedule Notes: numbers 2 & 3
 - b. Room Finish Schedule Notes: numbers 5 & 6
 - c. Room Finish Schedule, Corridor 126: Walls- P-1 and Remarks - note 6
 - d. Room Finish Schedule, Lobby 128: Walls- P-1 and Remarks - note 6
 - e. Room Finish Schedule, Lounge 128A: Base – RB-1, Walls – P-5 and Remarks note 6.
 - f. Room Finish Schedule, Vestibule 129: Walls – P-* and Remarks notes 3 and 5
 - g. Door Types: D2
2. Modify the following:
 - a. Doors 128 A, B and C – existing to remain.
 - b. Doors 129 A, B and C – no work on existing doors.

Work in rooms 126, 128, 128A and 129 is no longer in project scope. (UNO by alternate)

SHEET MD1.1 MECHANICAL DEMOLITION PLAN - NORTH:

- a. Mechanical keynotes: Revise key note 11 and add key note 12 and 13.
- b. Plumbing revised to show locations of existing cw, hw and sanitary waste serving the coffee bar. All piping shown is at the ceiling of the lower level.

SHEET M1.1 MECHANICAL PLAN - NORTH:

- a. Mechanical keynotes: Revise key note 8, 9 and 10 and add key note 14.
- b. General notes: Add general note d.

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- c. Plumbing revised to show new cw, hw and sanitary waste serving the coffee bar. All piping shown is at the ceiling of the lower level.
- d. Fire protection system at and near ceiling of coffee bar and welcome desk is to be revised for new ceiling in this area.
- e. Add waste riser diagram.
- f. Add water riser diagram.

SHEET M1.2 MECHANICAL PLAN - SOUTH:

- a. Revised fire protection and diffusers in ceiling of dining area and crib.

SHEET EG1.1 GENERAL ELECTRICAL NOTES & SYMBOLS LEGEND:

- a. General note 's': this note applies to all fluorescent (linear and compact) luminaires. Does not apply to LED luminaires.
- b. All work shown in corridor 126, lobby 128, lounge 128a, and vestibule 129 to be completed under separate project. Work indicated in these areas shall not be included in the bids for this project. Relocating the three historic chandeliers from crib 131 to lobby 128 (base bid) and to vestibule 129 (alternate bid #3) shall remain part of this project. Revise alternate bid #4 to delete south corridor.

SHEET ED1.1 LIGHTING DEMOLITION PLAN – NORTH – BASE BID:

- a. Existing 15 pendants in north portico to be removed.

SHEET ED1.2 LIGHTING DEMOLITION PLAN – SOUTH – BASE BID:

- a. Existing 3 post-top luminaires near west entry to be removed. Poles to remain for reuse.
- b. Existing 2 poles with building floodlights near south entry to be removed.

SHEET ED2.2 POWER & SPECIAL SYSTEMS DEMOLITION PLAN – SOUTH:

- a. Delete keynote 13. Food court sign to remain.

SHEET EL1.1 LIGHTING PLAN – NORTH – BASE BID:

- a. Quantity of 15 new type N luminaires added in north portico.
- b. Two existing circuits to be reconnected to existing emergency panel via new nightlight ul924 emergency relays.
- c. Under base bid, re-lamp existing fluorescent strip lights in cove in lounge 104 and 104b with new lamps. New lamps to be per remark 11 on luminaire schedule.

SHEET EL1.2 LIGHTING PLAN – SOUTH – BASE BID:

- a. Quantity of 3 type OA luminaires added near west entry to be mounted to existing poles.
- b. Quantity of 2 type OB luminaires with new poles and base added near south entry.
- c. Key note 23 updated to clarify relocation of existing pendant.
- d. Key note 29 added for existing site lighting circuit to be reconnected to existing emergency panel. Route through new night light ul924 emergency relay.

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- e. Key note 30 added under base bid, to re-lamp existing fluorescent strip lights in cove in lounge 104C with new lamps. new lamps to be per remark 11 on luminaire schedule.
- f. Quantity of 2 type ex luminaires outside south side exit doors. Keynote 31 added to connect to nearest un-switched normal (non-generator) lighting circuit.
- g. Key note 32 added to route emergency circuit through new night light ul924 emergency relay. This work to be provided as part of this contract.
- h. Key note 33 added to describe remote power supply requirements for luminaire types PA4 and PA5.
- i. Circuiting of type x luminaires modified in Runza dining area.
- j. Layout of type F4 and X luminaires updated in Runza dining area.
- k. Key note 1 updated to move existing cable tray up as required.

SHEET EL1.4 LIGHTING PLAN – SOUTH – ALTERNATE BIDS:

- a. Key note 11 updated to clarify relocation of existing pendants.

SHEET EP1.1 POWER & SPECIAL SYSTEMS PLAN – NORTH:

- a. Existing cable tray runs north/south over new ceiling cloud over coffee bar. Tray branches east/west to route down column to lower level. Remove and reinstall east/west portion of cable tray to above north edge of new ceiling cloud so tray can be accessed from lay-in ceiling.

SHEET EP1.2 POWER & SPECIAL SYSTEMS PLAN – SOUTH:

- a. Connect new Runza sign to existing lighting circuit.
- b. Delete two receptacles at north built-in table. Delete two receptacles at center built-in table. Add two receptacles at south built-in table.

SHEET E5.1 ELECTRICAL DETAILS:

- a. Detail 9 – pole base detail added to sheet.
- b. Roof-mounted exterior photocell added to digital lighting control system.

SHEET E6.1 ELECTRICAL SCHEDULES:

- a. Specification for luminaire types PA4, PB2, PB4, PB5, and X updated.
- b. Luminaire type EX added to schedule.
- c. Luminaire type N added to schedule.
- d. Luminaire type OA and remark 15 added to schedule.
- e. Luminaire type OB and remark 16 added to schedule.
- f. Luminaire type PA5 added to schedule.
- g. Remark 17 added for luminaire types PA4 and PA5 describing remote driver

END OF ADDENDUM NO. 1

PRE-BID Meeting Agenda:

Project Name: Union First Floor Selective Refurbishment
Project Number: C026P336

FP&C Representative: Dan Reeg
Location: Jackie Gaughan Room 202
Date: 08/14/13 Time: 2:00PM

ATTENDEES:

Sign in on sheet distributed.

INTRODUCTIONS:

PROJECT OVERVIEW:

- Selective refurbishment of the first floor.

GENERAL INFORMATION FOR BIDDERS:

- Addendum # 01 will be issued after the Pre-Bid meeting to address questions/clarifications/revisions discussed during the meeting.
- Request for Approval of Substitutions – Due today. Submit to HBA.
- Last day for questions – August 16, 2013 at 5:00pm. Questions to be submitted by RFI to HBA.
- Final Addenda – August 20, 2013 before 5:00pm.
- Review bid form – lump sum plus alternates, unit price and days to complete.
- Bids to be received no later than 2:00PM, August 27, 2013. Sealed bids to be delivered to UNL Procurement Services, 1700 Y Street, Lincoln, NE 68588.
- UNL intends to award the contract early in September and construction to begin immediately following the Notice to Proceed.

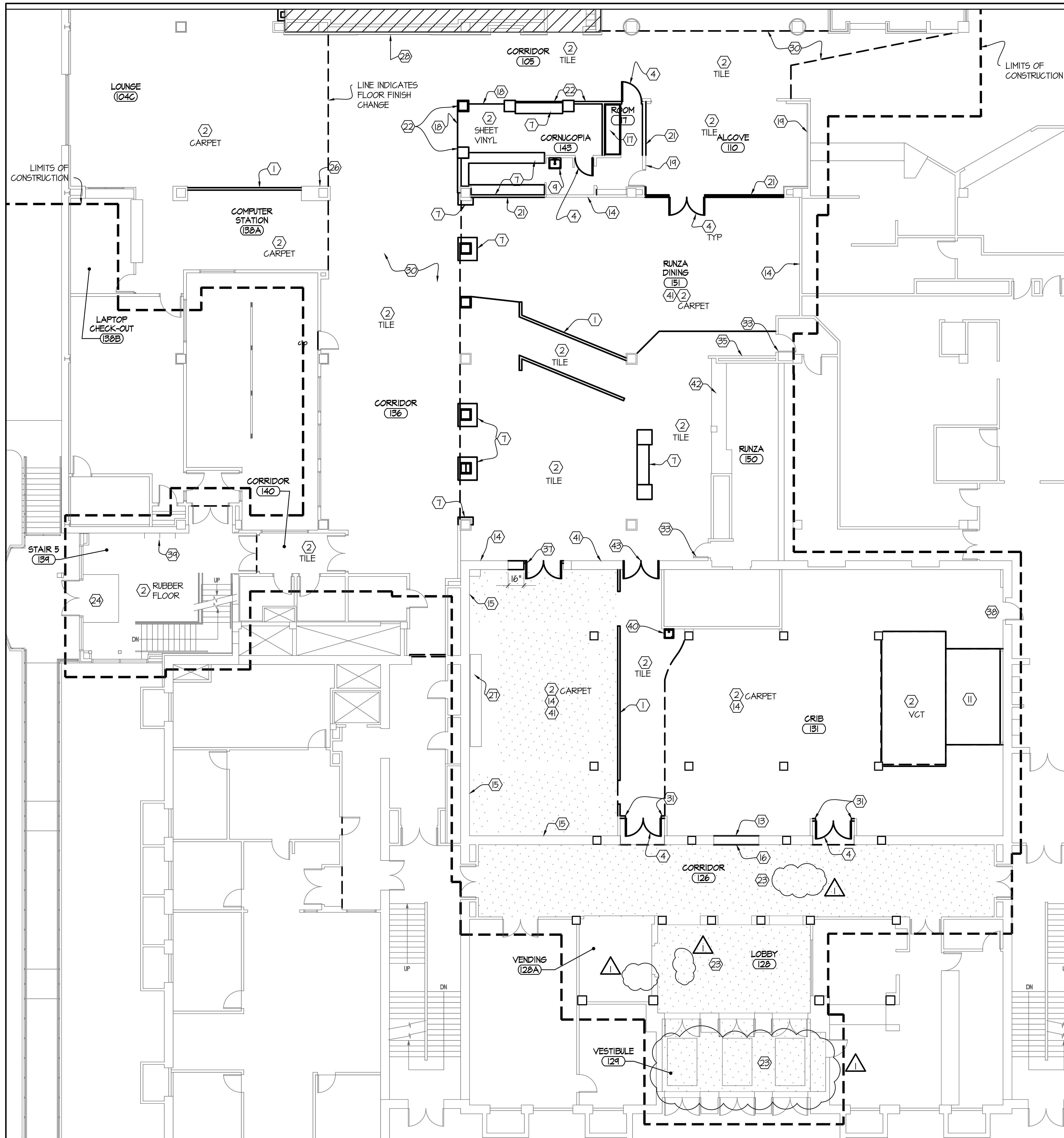
PROJECT/CONSTRUCTION REQUIREMENTS:

- Staging area located on east side of building just south of Jackie Gaughan Center.
- Parking is allowed within the contractor's staging area.
- Construction fencing is required around staging area. Fencing must be 11ga chain link w/ red canvas.
- Phasing plan considers 6 phases of work. 2 means of egress shall be maintained from each phase at all times.
- Building will be occupied throughout construction.
- Cleanliness is expected throughout construction.
- A punch list will be established prior to the completion of each Phase.

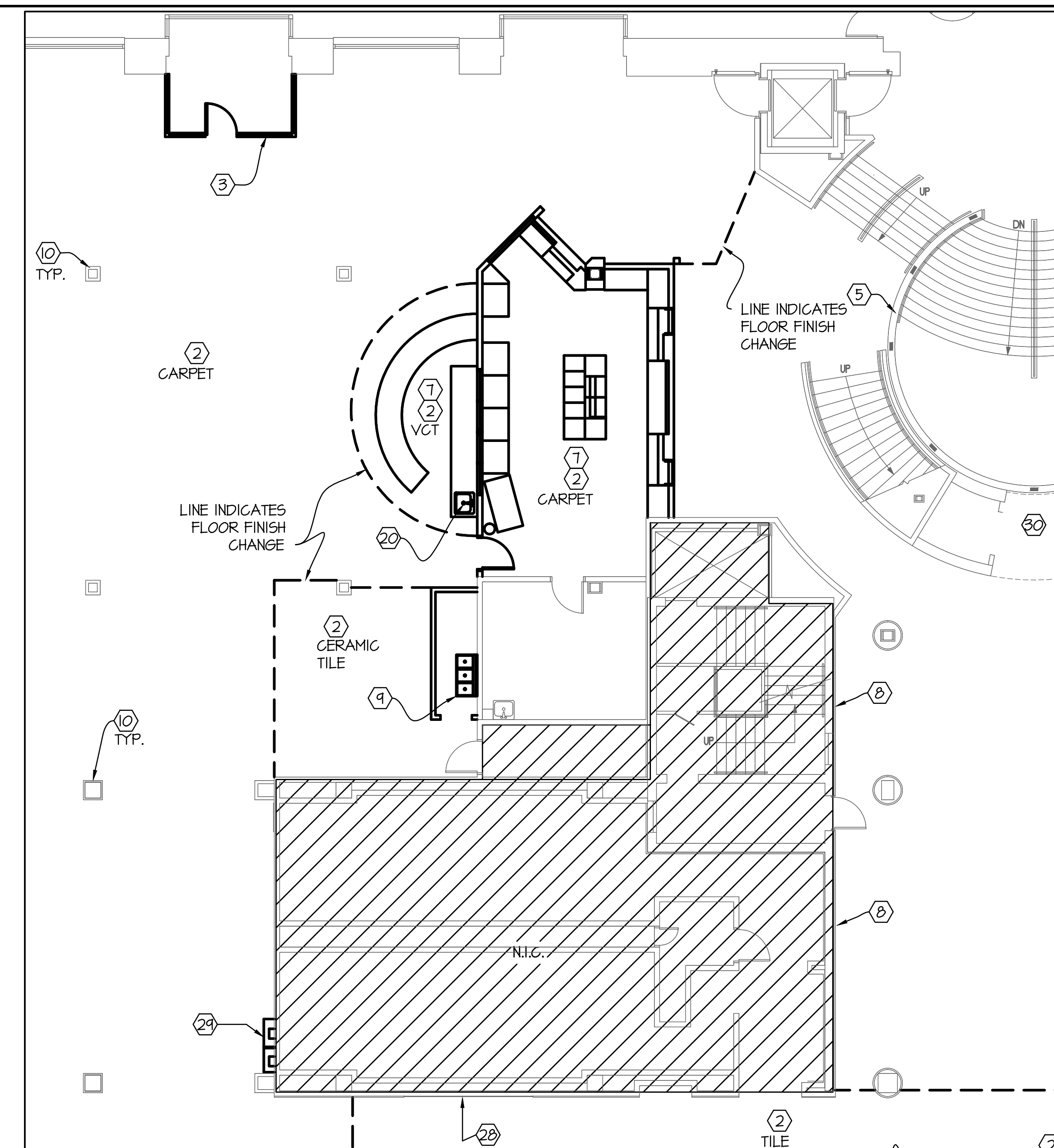
QUESTIONS??

HBA PROJECT DESCRIPTION

SITE WALKTHROUGH



2 ENLARGED DEMOLITION PLAN
D1.0
0' 2' 4' 8' 16'



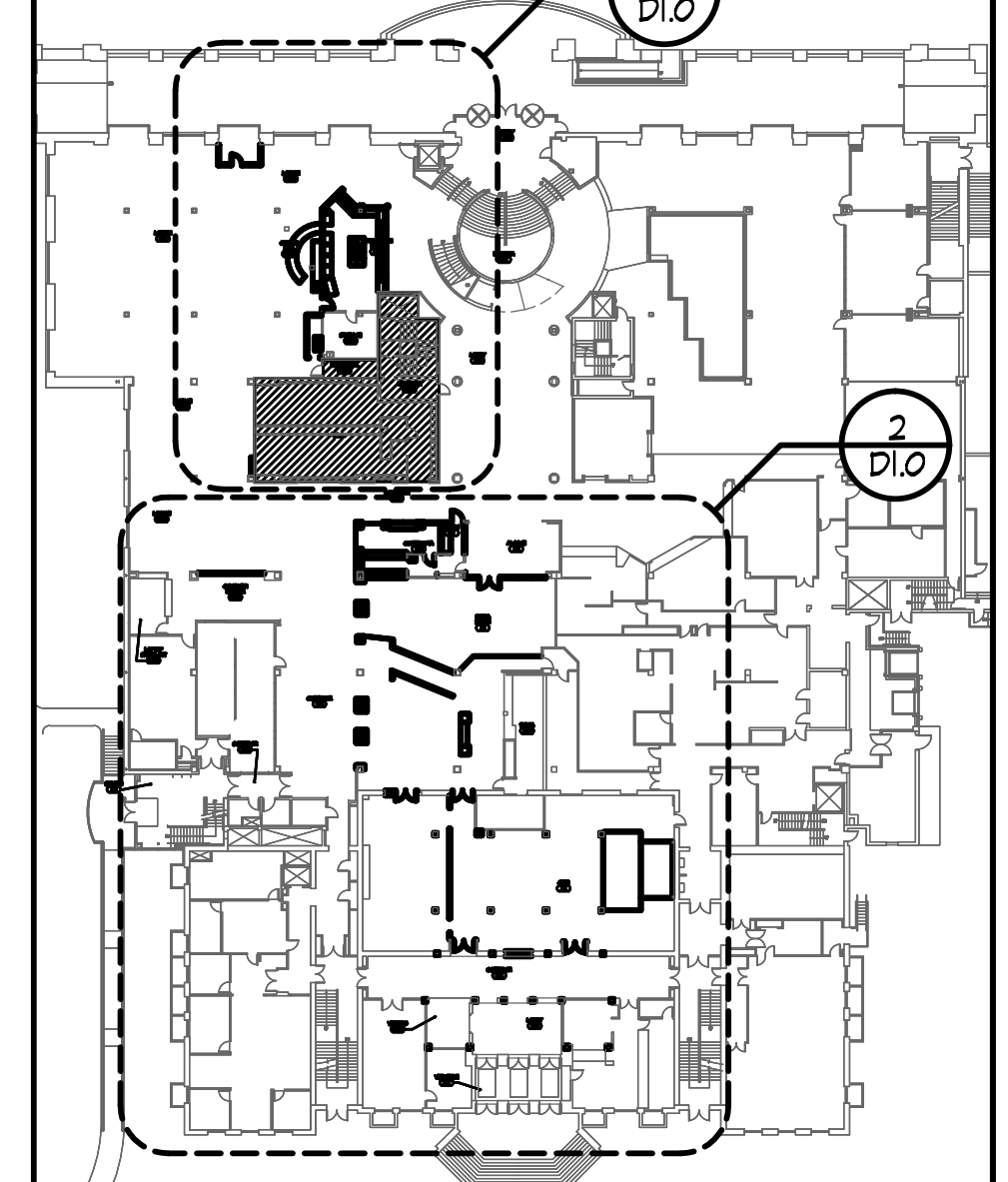
1 ENLARGED DEMOLITION PLAN
D1.0
0' 2' 4' 8' 16'

KEYED DEMOLITION NOTES:

- 1 PARTIAL HEIGHT WALL AND COLUMNS TO BE REMOVED. EXISTING CONDITIONS TO BE CONFIRMED DURING DEMOLITION.
- 2 REMOVE FLOORING AND BASE MATERIAL AND PREPARE SUBSTRATE FOR NEW FINISH. SEE A2.0
- 3 PARTIAL HEIGHT GLAZED WALL SYSTEM AND DOOR TO BE REMOVED.
- 4 REMOVE DOOR, FRAME AND HARDWARE COMPLETE.
- 5 SEE ALTERNATES IN SPECIFICATIONS FOR REMOVAL OF CAR.
- 6 NOT USED.
- 7 REMOVE BUILT-IN CASEWORK COMPLETE.
- 8 REMOVE EXISTING WALL TILE AND TACK STRIP ON WEST & EAST SIDES OF LOBBY 104. CLEAN AND PATCH/REPAIR SUBSTRATE TO RECEIVE NEW FINISH AS SCHEDULED.
- 9 REMOVE PLUMBING FIXTURES AND CAP LINES. SEE MECHANICAL SHEETS.
- 10 REMOVE WOOD CHAIR RAIL THROUGHOUT LOUNGE. PREPARE SURFACE TO RECEIVE NEW FINISH. SEE ROOM FINISH SCHEDULE.
- 11 PLATFORM TO BE REMOVED, PREP AREA FOR NEW PLATFORM AND RAMP. SEE PLANS.
- 12 NOT USED.
- 13 EXISTING STAINED GLASS WINDOW REMOVED & RELOCATED BY OTHERS. COORDINATE SCHEDULE WITH UNL P.M.
- 14 WAINSCOTING & CHAIR RAIL TO BE REMOVED FROM WALLS & COLUMNS. PATCH / REPAIR ALL SURFACES.
- 15 MIRROR AND TRIM TO BE REMOVED.
- 16 PORTION OF WALL TO BE REMOVED TO CREATE CASED OPENING TO MATCH ADJACENT OPENINGS. EXACT DIMENSIONS TO BE DETERMINED WHEN STAINED GLASS WINDOW IS REMOVED AND EXISTING STRUCTURE CAN BE VERIFIED.
- 17 FREEZER / COOLERS TO BE REMOVED, PLUMBING AND ELECTRIC TO BE ABANDONED / CAPPED.
- 18 OVERHEAD GRILLES TO BE REMOVED.
- 19 REMOVE EXISTING WALL TILE. CLEAN AND PATCH SUBSTRATE TO RECEIVE NEW FINISH AS SCHEDULED.
- 20 REMOVE HAND SINK, COORD. WITH PLUMBING DRAWINGS FOR NEW SINK LOCATION.
- 21 WALLS, DOOR AND WINDOWS TO BE REMOVED TO 8'-10" AFF TO CREATE SOFFIT AND NOT DISTURB CEILING ON EITHER SIDE OF WALLS.
- 22 WALLS, COLUMNS AND WINDOWS TO BE REMOVED TO SOFFIT HEIGHT. SEE D.I.I. FOR MORE INFORMATION.
- 23 EXISTING FLOOR TO REMAIN.
- 24 WALK-OFF MAT TO BE REMOVED.
- 25 NOT USED.
- 26 PIN UP BOARDS AND LIGHTING TO BE REMOVED. PATCH REPAIR DRYWALL TO RECEIVE NEW FINISH.
- 27 FIRE PLACE TO REMAIN. G.C. TO COVER TO PROTECT FROM DAMAGE.
- 28 FLOOR TO CEILING PIN UP MATERIAL TO BE REMOVED COMPLETE. SEE PLAN FOR FUR OUT.
- 29 PHONE BOOTHS TO BE REMOVED. PATCH/REPAIR WALL TO RECEIVE PAINT.
- 30 PORTION OF TILE TO BE REMOVED, COORDINATE EXTENTS WITH FLOOR FINISH PLAN. CARE SHOULD BE TAKEN TO PROTECT EXISTING TILE TO REMAIN.
- 31 RETURN WALL AT DOORS TO BE REMOVED. PATCH AND REPAIR WING WALL TO REMAIN.
- 32 DASHED LINE REPRESENTS AREA IN ALLOWANCE #1. SEE A1.0 FOR EXTENTS AND SPECIFICATIONS.
- 33 REMOVE P-LAM ON EXG DOOR. PREP TO RECEIVE NEW P-LAM.
- 34 NOT USED.
- 35 REMOVE WOOD TRIM AROUND WINDOW. PATCH/REPAIR AND CAULK AS REQUIRED.
- 36 NOT USED.
- 37 REMOVE DOOR, WOOD TRIM AND HEADER EXTENTS SHOWN ON STRUCTURAL DRAWINGS.
- 38 REMOVE EXISTING KICK PLATE, PATCH/REPAIR AS NEEDED AND PREP FOR NEW KICK PLATE. SEE DOOR SCHEDULE A5.0.
- 39 PHONE BOOTHS TO REMAIN.
- 40 DRINKING FOUNTAIN TO BE REMOVED. CAP ALL LINES, PATCH AND REPAIR GNB TO RECEIVE NEW FINISH.
- 41 REMOVE WALL COVERING.
- 42 RUNZA COUNTER AND FRONT FACE TO BE REFINISHED. COORDINATE WITH FINISH PLANS, ELEVATIONS AND SCHEDULE.
- 43 REMOVE DOOR TRIM AND HEADER TO 8'-10" AFF.

GENERAL DEMOLITION NOTES

- 1. ALL BOLD OR FULL TONE-LINES INDICATE ITEMS TO BE REMOVED OR RELOCATED. ALL LIGHT OR HALF-TONE LINES INDICATE EXISTING ITEMS TO REMAIN.
- 2. WHERE DEMOLITION OCCURS ADJACENT TO SURFACES INDICATED TO REMAIN, CARE SHOULD BE TAKEN NOT TO DESTROY OR DAMAGE EXISTING SURFACES. IF DAMAGE OCCURS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PATCH AND REPAIR THESE SURFACES TO ORIGINAL CONDITION. GENERAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS TO PATCH EXISTING SURFACES DAMAGED BY DEMOLITION OR INSTALLATION OF NEW MECHANICAL AND/OR ELECTRICAL SYSTEMS.
- 3. THE OWNER RESERVES THE FIRST RIGHT OF SALVAGE ON ALL ITEMS. ANY ITEMS NOT SALVAGED BY THE OWNER SHALL BE REMOVED AND DISPOSED OF OFF SITE.
- 4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL PROVISIONS FOR DUST CONTROL, DEBRIS REMOVAL SHUT-OFFS, ETC.
- 5. PATCH AND REPAIR ALL HOLES OR PENETRATIONS THROUGH FIRE RATED WALLS, FLOOR OR ROOF WITH APPROVED FIRESTOPPING MATERIALS.
- 6. ALL WALLS WITHIN LIMITS OF CONSTRUCTION TO RECEIVE NEW PAINT, PATCH AND REPAIR AS NEEDED. SEE ROOM FINISH SCHEDULE.
- 7. EXISTING FLOORS TO REMAIN TO BE COVERED DURING CONSTRUCTION TO AVOID DAMAGE.
- 8. EXISTING CORNER GUARDS WITHIN LIMITS OF CONSTRUCTION TO BE REMOVED, SEE FINISH PLAN FOR NEW.
- 9. ALL PIN UP BOARDS, ANNOUNCEMENT BOXES, UNL DIRECTIONAL SIGNAGE AND DECALS WITHIN LIMITS OF CONSTRUCTION TO BE REMOVED AND RETURNED TO OWNER FOR STORAGE.
- 10. CONTRACTOR TO TAKE SPECIAL CARE WHEN REMOVING TILE IN CORRIDORS 136, 105, AND LOBBY 104 NOT TO DAMAGE ADJ TILE TO REMAIN. WHEN POSSIBLE SALVAGE ANY FULL TILES REMOVED INTACT.



DEMOLITION KEY PLAN
NO SCALE

**Nebraska Union
First Floor
Selective Refurbishment
1400 R Street
Lincoln, Nebraska**

UNL PROJECT NUMBER: C026P336

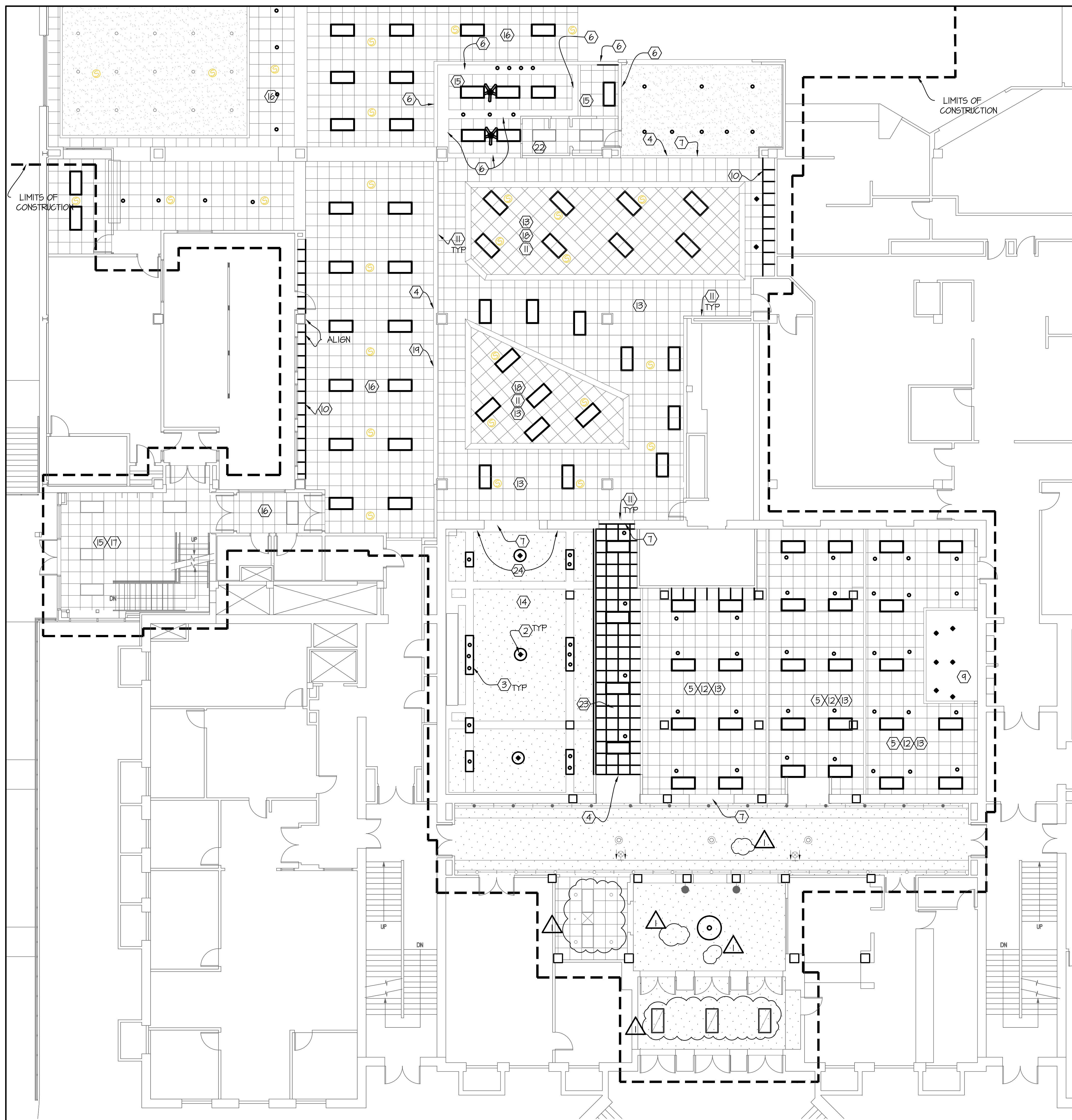
DEMOLITION PLAN

HOLLAND BASHAM ARCHITECTS
H B A
119 SOUTH 49th AVENUE
OMAHA, NEBRASKA 68132
(402) 551-0800

PROJECT: 13037
DATE: 02 AUGUST 2013
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STATE OF NEBRASKA
JAMES KEITH BASHAM
REGISTERED ARCHITECT
SHEET

D1.0

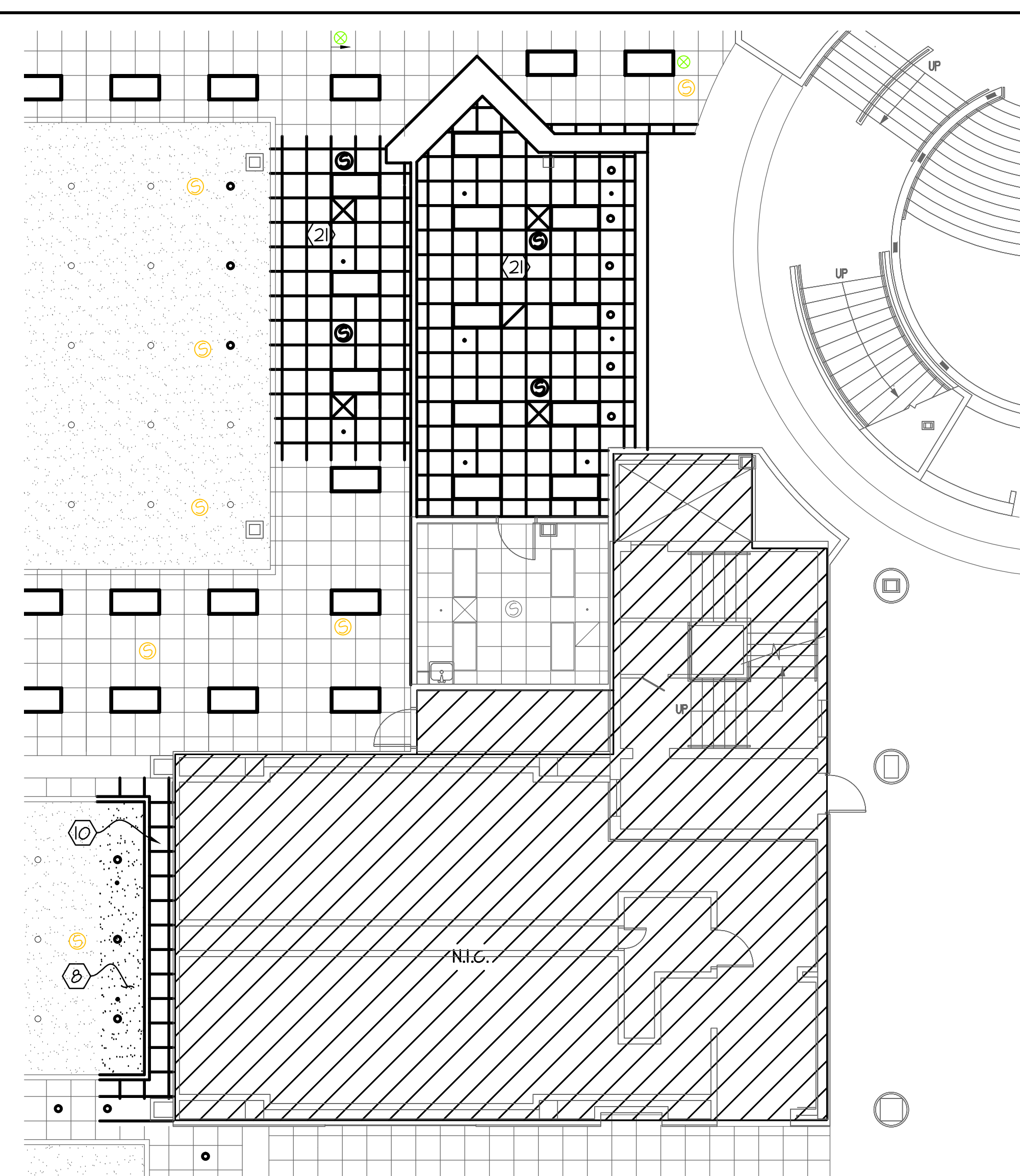


GENERAL DEMOLITION NOTES

- ** REFER TO D1.0 FOR 1-10 GENERAL DEMO NOTES.
- ADDITIONAL NOTES:
- 11. LIGHTING SHOWN IN DARK BOLD LINES TO BE REMOVED. SEE DEMOLITION PLAN.
- 12. SPRINKLER HEAD LOCATIONS SHOWN FOR COORDINATION ONLY. SPRINKLER SUB RESPONSIBLE FOR VERIFYING EXACT LOCATION AND RELOCATE AS NEEDED.
- 13. SPEAKERS TO BE REMOVED OR RELOCATED. SEE ELECTRICAL DRAWINGS.
- 14. WHERE ACOUSTICAL CEILING PADS ARE TO BE REMOVED AND REPLACED WITH NEW, G.C. TO STORE PADS IN GOOD CONDITION UNTIL CONFIRMATION THAT ALL CEILING T GRIDS WILL ACCEPT NEW. SEE REFLECTED CEILING PLAN.
- 15. SUPPLY AND RETURN DIFFUSERS TO BE REPLACED WITH NEW. SEE MECHANICAL DRAWINGS FOR MORE INFO.

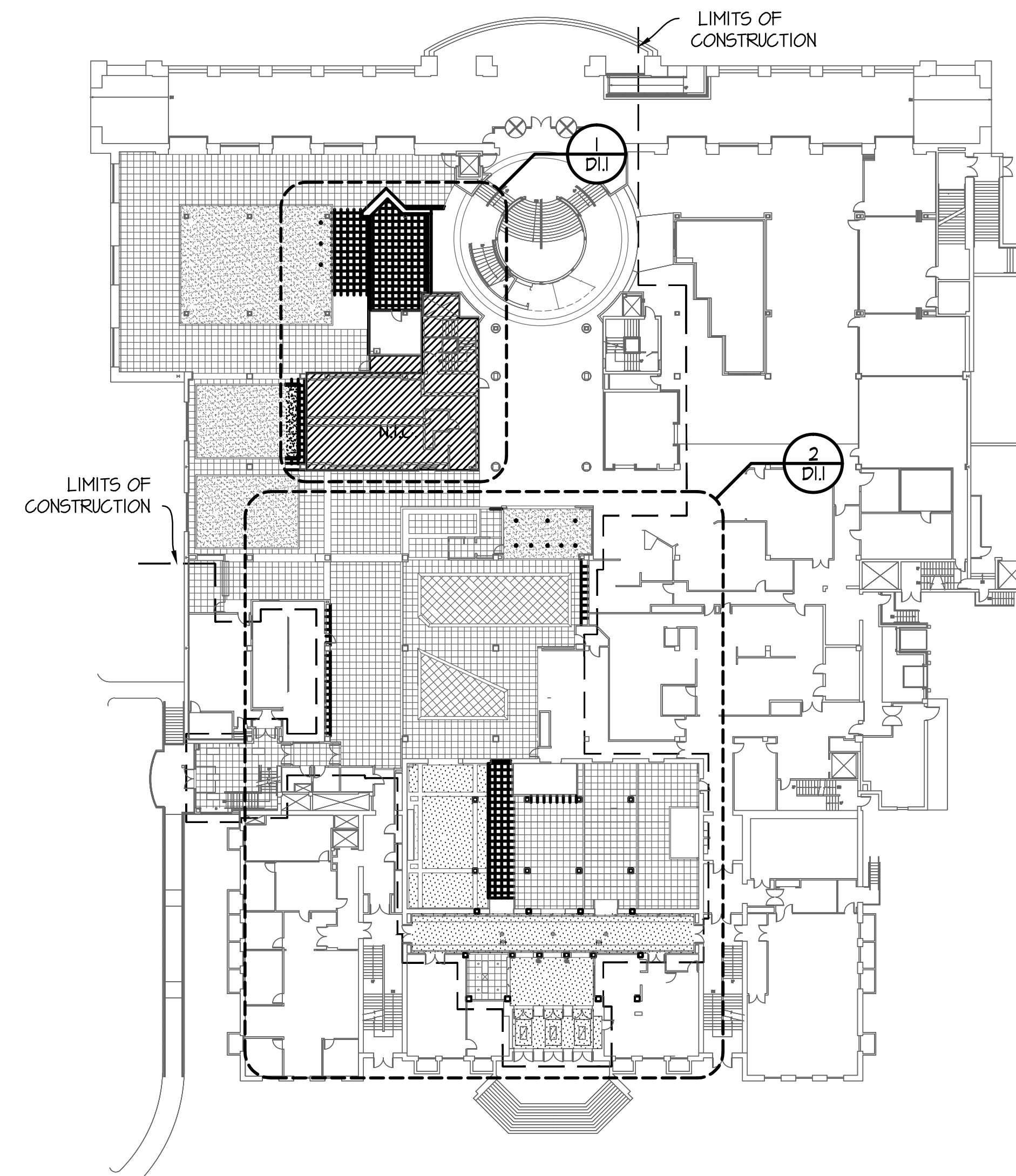
ENLARGED REFLECTED CEILING DEMOLITION PLAN

2
D1.1



ENLARGED REFLECTED CEILING DEMOLITION PLAN

1
D1.1



OVERALL REFLECTED CEILING DEMO PLAN

DEMOLITION KEYED NOTES

- 1 NOT USED
- 2 EXISTING CHANDELIERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN VESTIBULE 124. SEE ELECTRICAL DRAWINGS.
- 3 TRACK LIGHTS TO BE REMOVED PATCH/REPAIR. GYP SOFFITS TO RECEIVE PAINT.
- 4 RUNZA SIGN TO BE REMOVED BY OTHERS. PATCH/REPAIR GNB TO RECEIVE NEW PAINT
- 5 EXISTING ACOUSTICAL PANEL CEILING T-GRID TO REMAIN.
- 6 WALLS AND SOFFITS IN AND AROUND CORNICIOPIA 143 TO BE REMOVED TO 2' BELOW LOWEST EXISTING APC TO REMAIN TO NOT DISTURB EXISTING CEILING ON EITHER SIDE.
- 7 DEMO. EXG. DOOR, FRAME, TRIM AND WALL TO ENLARGE OPENINGS. SEE STRUCTURAL DRAWINGS.
- 8 EXISTING DROP DOWN GNB CEILING AND COVE LIGHTING TO BE REMOVED TO EXTENTS SHOWN. COORDINATE WITH REFLECTED CEILING PLAN.
- 9 LIGHTING AT PLATFORM TO BE REMOVED. EXISTING PIPE SUPPORT FOR THEATRICAL LIGHTING TO BE REUSED. SEE ELECTRICAL DRAWINGS.
- 10 PORTION OF EXISTING GRID AND ACOUSTICAL PANEL CEILING TO BE REMOVED TO ALLOW FOR CONSTRUCTION OF NEW WALL AND/OR SOFFIT. COORDINATE WITH FLOOR PLAN AND REFLECTED CEILING PLAN.
- 11 WOOD TRIM AT CEILINGS AND SOFFITS AT ALL PERIMETER WALLS TO BE REMOVED. TRIM INSIDE RECESSED CEILING AREAS TO REMAIN.
- 12 ALL CROWN AND TRIM TO BE REMOVED.
- 13 ALL CEILING PADS TO BE REMOVED, CEILING GRID TO REMAIN.
- 14 EXISTING CEILING TO BE PAINTED. PATCH AND REPAIR AFTER REMOVAL OF LIGHTS AND PREP FOR NEW FIXTURES AND PAINT.
- 15 EXISTING CEILING TO REMAIN, REPLACE STAINED OR DAMAGED CEILING PADS AS NECESSARY. SEE RCP.
- 16 EXISTING CEILING TO REMAIN. ALL STAINED AND DAMAGED ACOUSTICAL CEILING PADS TO BE REPLACED AS NECESSARY. SEE RCP.
- 17 LIGHTING TO REMAIN.
- 18 REMOVE WALL COVERING AT RECESSED CEILING PERIMETER.
- 19 EXISTING SOFFIT TO REMAIN. PATCH/REPAIR AS REQUIRED TO PREPARE SURFACE TO RECEIVE NEW PAINT. SEE ROOM FINISH SCHEDULE.
- 20 NOT USED
- 21 EXISTING ACOUSTICAL PANEL CEILING SYSTEM, SOFFITS, LIGHTING, SPEAKERS ETC. TO BE REMOVED. SALVAGE PANELS FOR REUSE. COORDINATE EXTENTS WITH REFLECTED CEILING PLAN.
- 22 EXISTING ACOUSTICAL PANEL CEILING SYSTEM TO REMAIN.
- 23 EXISTING SOFFIT AND ACOUSTICAL PANEL CEILING SYSTEM TO BE REMOVED. MECHANICAL, ELECTRICAL AND SPRINKLER SYSTEMS TO REMAIN IN NEW DROP DOWN CEILING TO MATCH EXISTING CONFIGURATION. SEE RCP, MECHANICAL AND ELECTRICAL PLANS.
- 24 PLASTER AND LATH CL6 AND CROWN TO BE REMOVED BETWEEN PLASTER BEAMS.

REV NO 01, ADDENDUM NO 01 AUGUST 20, 2013

**Nebraska Union
First Floor
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**1400 R Street
Lincoln, Nebraska**

UNL PROJECT NUMBER: C026P336

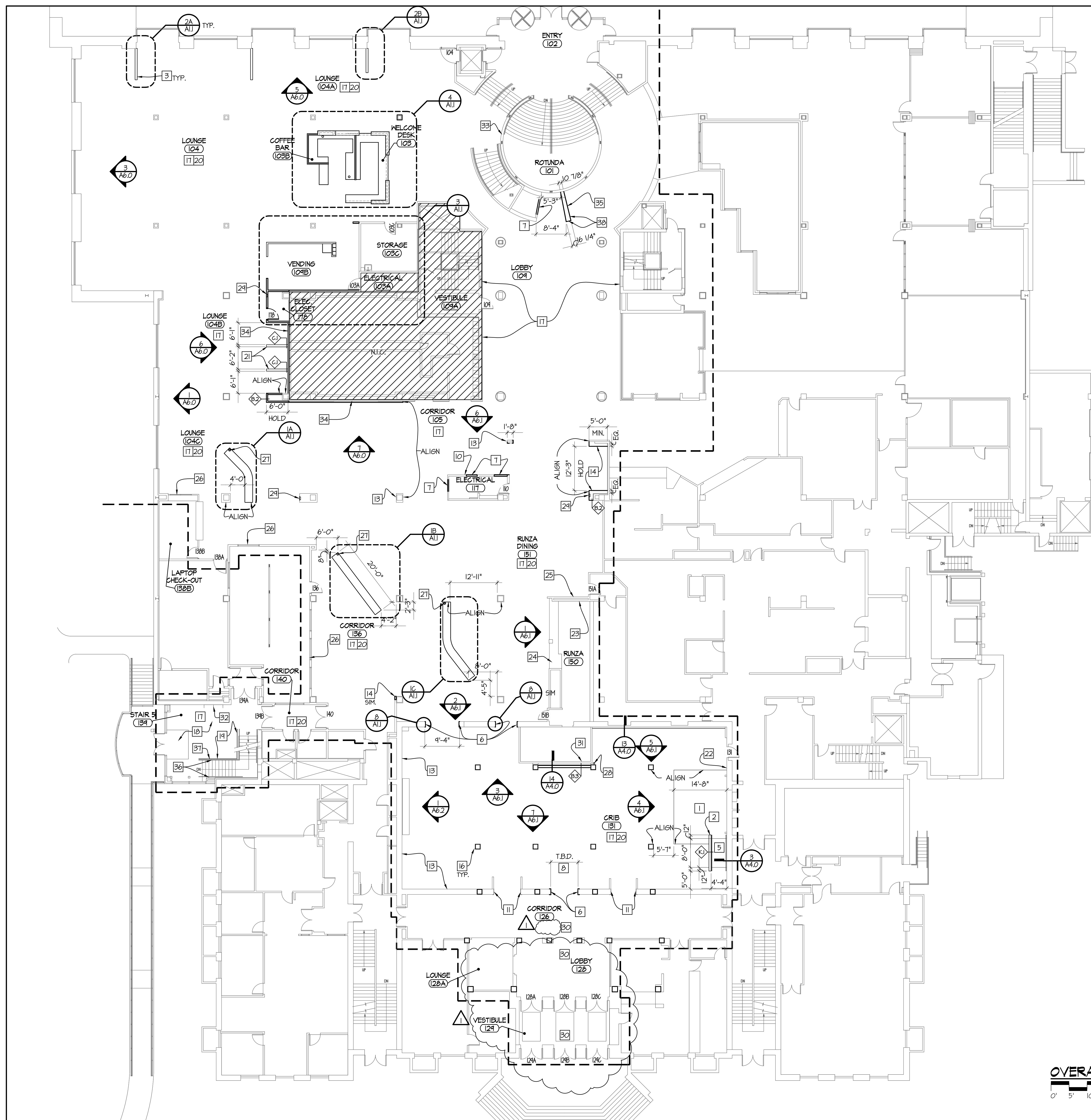
**REFLECTED CEILING
DEMOLITION PLAN**

HOLLAND BASHAM ARCHITECTS
H B A
119 SOUTH 49th AVENUE
OMAHA, NEBRASKA 68132
(402) 551-0800

STATE OF NEBRASKA
JAMES KEITH BASHAM
REGISTERED ARCHITECT

PROJECT: 13037
DATE: 02 AUGUST 2013
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SHEET **D1.1**



KEYED NOTES

- 1 WOOD RAISED PLATFORM WITH 3/4" PLYWOOD ON 2X8'S AT 16" O.C. TO 0'-8" A.F.F. PROVIDE STIFFENERS EVERY OTHER SPACE AT 2'-0" O.C. AND SECURE TO FLOOR. SEE 3/A6.0 AND GENERAL NOTE 4.
- 2 PARTIAL HEIGHT WALL TO 46" A.F.F. SEE ELEVATION.
- 3 PARTIAL HEIGHT WALL TO ALIGN WITH COLUMN REVEAL. SEE ELEVATIONS.
- 4 NOT USED.
- 5 NEW WOOD RAMP TO PLATFORM (1-12), SEE 3/A4.0 FOR HANDRAIL.
- 6 NEW WOOD PANELING AT CASSED OPENING, SEE RCP FOR HEIGHT OF OPENING.
- 7 INFILL WITH METAL STUDS, GMB AND SOUND ATTENUATING BLANKET.
- 8 EXACT WIDTH OF OPENING TO BE DETERMINED BY WIDTH OF STAINED GLASS WINDOW AND EXISTING STRUCTURAL LINTEL.
- 9 NOT USED.
- 10 NEW SELF-HEALING PIN-UP BOARD FULL LENGTH OF WALL. SEE ELEVATIONS.
- 11 EXISTING TRIM AT CASSED OPENING TO REMAIN. PATCH/REPAIR AS REQUIRED.
- 12 NOT USED.
- 13 BUILD OUT WITH METAL STUDS AND GMB TO MATCH AND ALIGN WITH ADJACENT WALL/COLUMN AND BULKHEAD.
- 14 BUILD OUT WALL WITH METAL STUDS AND GMB TO ALIGN WITH ADJACENT WALL. ROLLING GRILLE WITHIN TO REMAIN.
- 15 NOT USED.
- 16 SEE ROOM FINISH SCHEDULE AND ELEVATIONS 3/A6.1 FOR NEW FINISH ON COLUMNS.
- 17 GMB WALLS TO RECEIVE NEW FINISHES. PREP AS REQUIRED. SEE ROOM FINISH SCHEDULE AND ELEVATIONS.
- 18 NEW WALK OFF MAT. SEE FLOOR FINISH PLAN.
- 19 PORTIONS OF GUARDRAIL TO BE PAINTED HFC-1 FROM LOWER LEVEL TO TOP FLOOR. PORTIONS INCLUDE: TOP RAIL, VERTICAL ENDS AT TOP AND BOTTOM OF STEPS. SEE 3/A6.3
- 20 NEW FLOORING, SEE FLOOR FINISH PLAN.
- 21 PARTIAL HEIGHT WALL TO 48" A.F.F.
- 22 PROVIDE NEW WOOD ACCESS DOOR AND CONTINUOUS HINGE. PAINT TO MATCH WALL COLOR PER ROOM FINISH SCHEDULE.
- 23 TILE WALL TO BE PAINTED. SEE ENLARGED FINISH PLANS.
- 24 NEW COUNTER TOP AND LAMINATE, SEE ELEVATIONS.
- 25 EXISTING WINDOW FRAME TO REMAIN.
- 26 EXISTING WINDOW FRAMES TO BE PAINTED (P-4).
- 27 FLOOR GORE FOR ELECTRICAL, SEE ELECTRICAL DRAWINGS. EXACT LOCATIONS T.B.D.
- 28 PROVIDE WALL HUNG FIRE EXTINGUISHER FEC-2, THIS LOCATION ONLY.
- 29 PROVIDE S.S. FULLY RECESSED, FIRE EXTINGUISHER FEC-1
- 30 EXISTING FLOOR TO REMAIN. SEE FLOOR FINISH PLAN.
- 31 PROVIDE ACCESS PANEL TO ACCESS STAINED GLASS WINDOW LIGHTING. COORDINATE WITH ELECTRICAL DRAWINGS.
- 32 EXISTING PHONE BOOTHS TO REMAIN.
- 33 NEW SOLID SURFACE CAP ACCORDING TO ALTERNATE #6, SEE SPECS.
- 34 FUR EXISTING WALL WITH 2" METAL STUDS @ 16" O.C. AND GMB TO 12" ABOVE FINISHED CEILING.
- 35 GMB ON METAL STUDS TO UNDERSIDE OF STAIR LANDING. HOLD OUTSIDE EDGE OF WALL TO OUTSIDE EDGE OF LANDING.
- 36 HANDRAILS AND STRINGER AGAINST WALL TO BE PAINTED HFC-3. SEE 3/A6.3
- 37 ALL OTHER VERTICAL AND HORIZONTAL RAILS IN GUARDRAIL TO BE PAINTED HFC-2. SEE 3/A6.3
- 38 PAINT SURFACE, P-1
- 39 NOT USED.

GENERAL NOTES

1. ALL BOLD OR FULL-TONE LINES INDICATE NEW CONSTRUCTION, FIXTURES OR EQUIPMENT. ALL LIGHT OR HALF-TONE LINES INDICATE EXISTING CONSTRUCTION, FIXTURES OR EQUIPMENT.
2. ALL DIMENSIONS ARE TAKEN TO THE FACE OF EXISTING CONSTRUCTION OR THE FINISH FACE OF NEW CONSTRUCTION, UNLESS OTHERWISE NOTED ON THE PLANS. LIGHT OR HALF TONE DIMENSIONS ARE SHOWN FOR INFORMATION ONLY.
3. FIELD VERIFY ALL DIMENSIONS SHOWN ON THE PLANS WITH THE ACTUAL EXISTING CONDITIONS.
4. FRAMED-IN SPACES, SUCH AS AREAS BELOW STAGES, PLATFORMS, RAMPS OR RISERS IN CLASSROOMS, CONSTRUCTED WITH WOOD COMPONENTS, SHOULD BE VENTILATED TO ADJOINING OCCUPIED SPACES TO PREVENT DRY ROT OF THE WOOD MEMBERS.
5. ALL NEW PARTITIONS SHOWN WITHIN THE LIMITS OF CONSTRUCTION ARE TYPE **A** UNLESS NOTED OTHERWISE.
6. SEE SHEET **5/A4.0** FOR PARTITION TYPES.
7. PROVIDE CONTINUOUS BLOCKING OR STRAPPING WITHIN NEW WALLS AS REQUIRED FOR ALL WALL MOUNTED CASEWORK, FIXTURES, ACCESSORIES AND EQUIPMENT. ANCHOR BLOCKING BETWEEN THE STUDS, AT THE FACE OF THE STUDS, FOR THE ENTIRE WIDTH OF THE ITEM TO BE MOUNTED ON THE WALL. ANCHOR (22 GA) SHEET METAL STRAPPING TO THE FACE OF THE STUDS, FOR THE ENTIRE WIDTH OF THE ITEM TO BE MOUNTED ON THE WALL. VERIFY VERTICAL LOCATION OF BLOCKING WITH THE MOUNTING HEIGHT REQUIRED AND THE REQUIREMENTS OF THE ITEM TO BE MOUNTED ON THE WALL. WHEN INSTALLING WOOD BLOCKING, USE F.R.T.
8. OWNER FURNISHED EQUIPMENT SHOWN DASHED ON PLAN, UNLESS OTHERWISE NOTED.
9. NEW FLOORING INSTALLATION IN REMODEL WORK: WHERE NEW FLOORING IS INSTALLED, THE CONTRACTOR IS REQ'D TO PROVIDE A NEW UNDERLAYMENT COATING OVER THE EXISTING MASTIC PRIOR TO THE INSTALLATION OF NEW FLOORING TO PROVIDE PROPER ADHESION AS REQUIRED TO FULFILL THE MANUFACTURER'S REQUIREMENTS FOR PRODUCT WARRANTY AND TO PROVIDE A CONSISTENT AND LEVEL SUB-FLOOR. PRODUCT APPROVAL IS REQUIRED BY EACH FLOORING MANUFACTURER FOR PROPER ADHESION OVER EXISTING MASTIC. SEE SPEC.
10. ALL FURNITURE IS NOT-IN-CONTRACT AND SHOWN FOR INFORMATION AND COORDINATION ONLY.
11. WHEN PARTITIONS OF DIFFERENT RATINGS ARE LOCATED ALONG THE SAME WALL, ALIGN FINISH FACE OF WALL AS REQUIRED.
12. FOR ALL INTERIOR FINISHES REFER TO ROOM FINISH SCHEDULE, SHEET **A5.0**.
13. SEE FLOOR FINISH PLAN **A2.0** FOR NEW FLOORING.
14. REPAIR/REPLACE FIRE PROOFING ON EXG STRUCTURE WHERE DAMAGED BY NEW CONSTRUCTION OR MISSING WITHIN THE EXTENTS OF CONSTRUCTION.
15. PATCH AND REPAIR WALLS WHERE ELECTRICAL DEVICES REMOVED.

REV NO 01, APPENDUM NO 01 AUGUST 20, 2013

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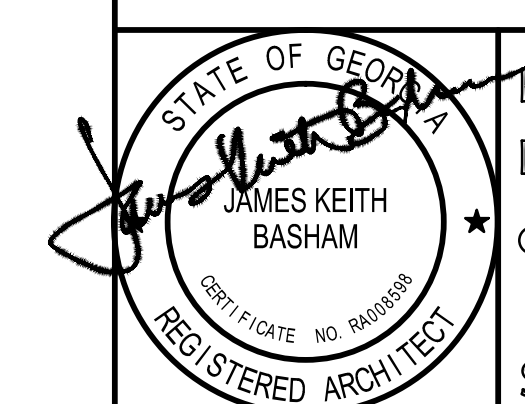
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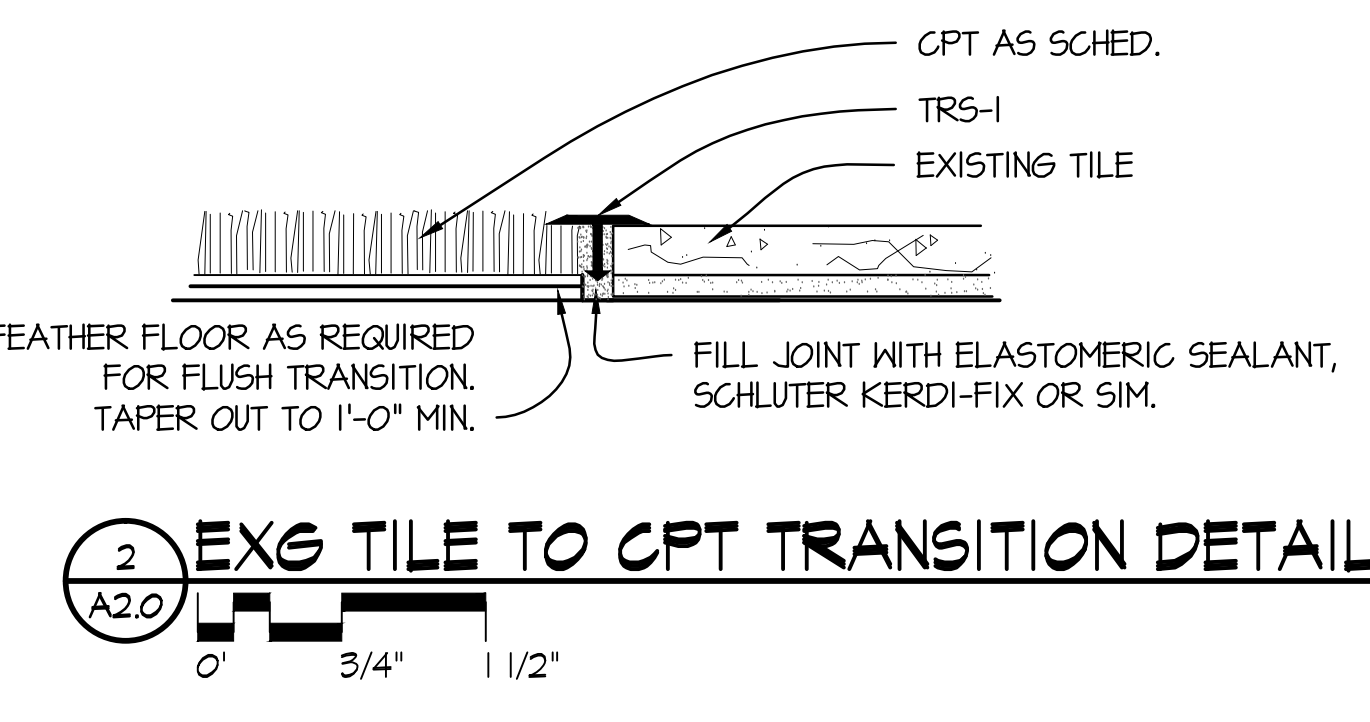
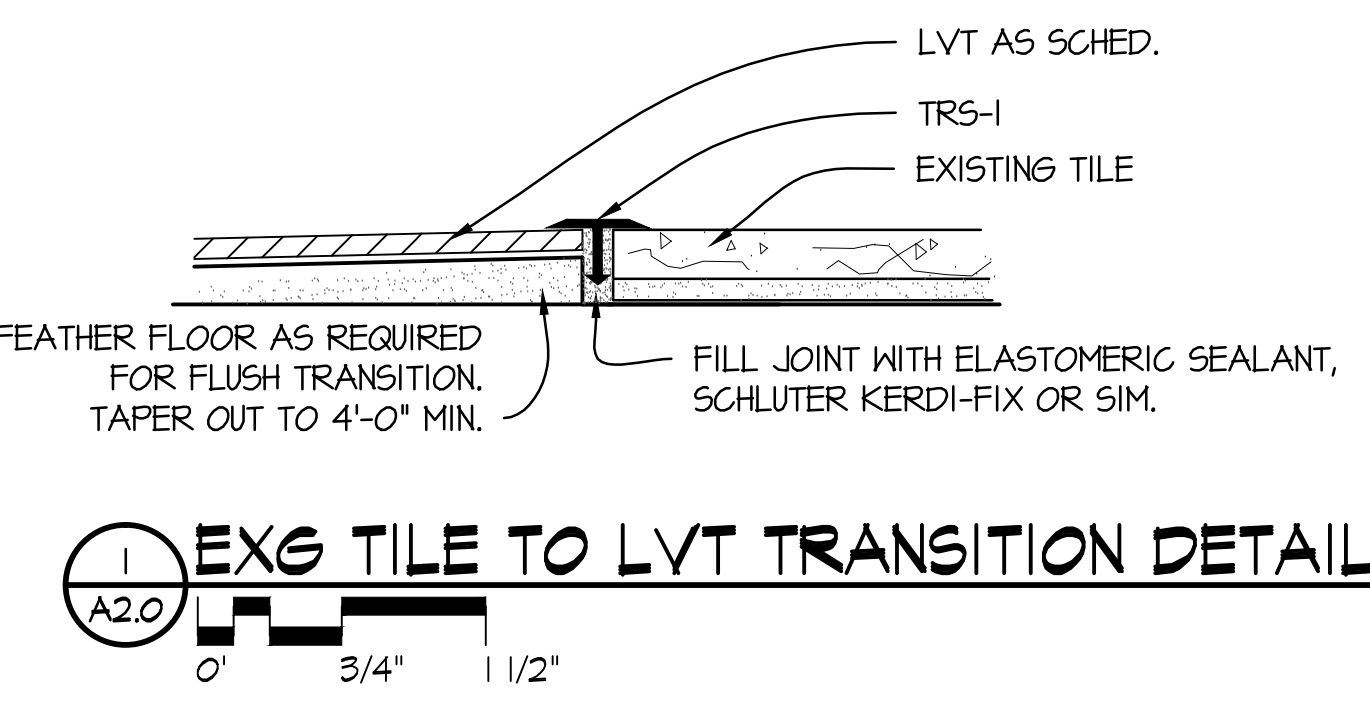
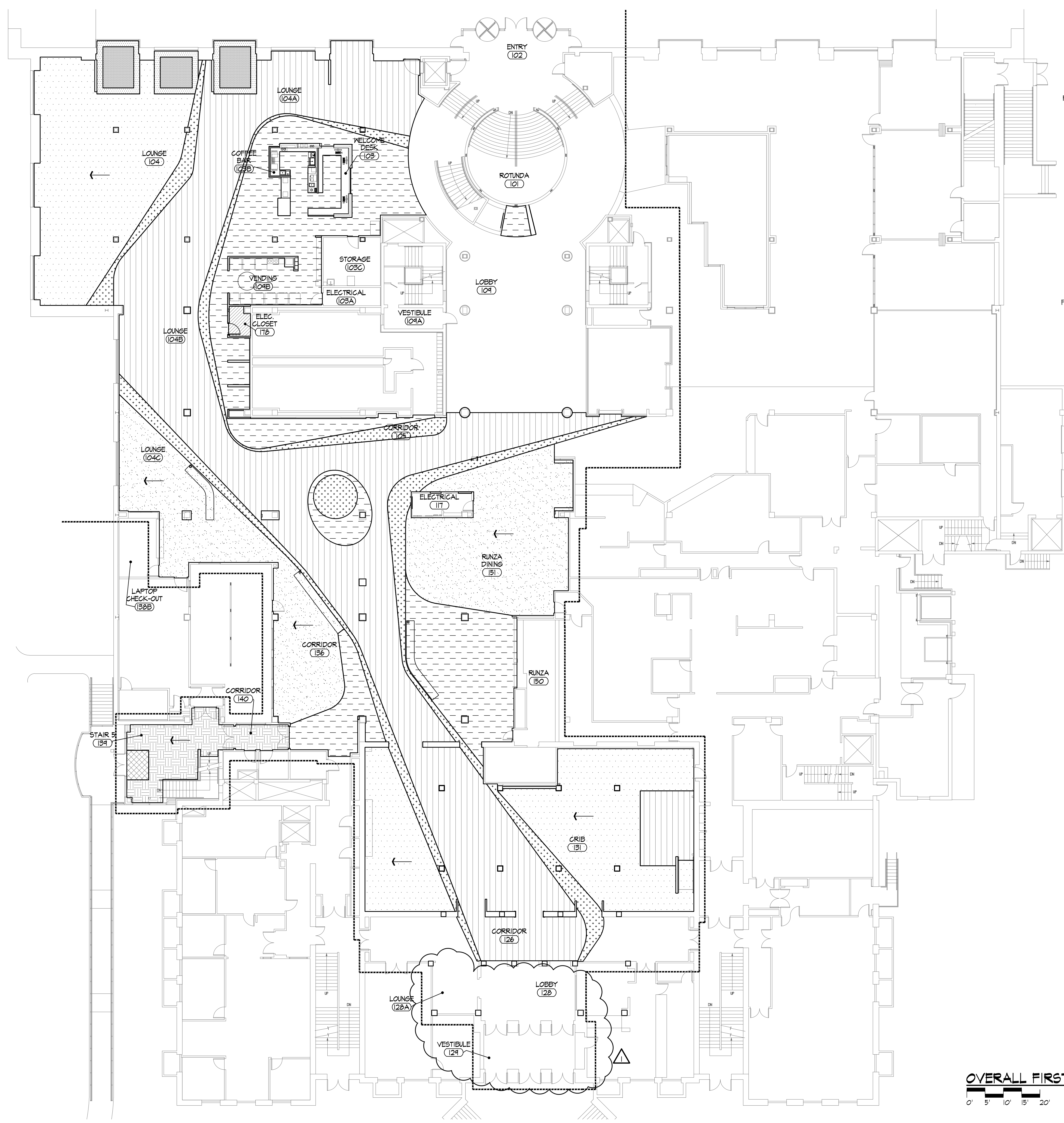
**OVERALL
FLOOR PLAN**

HOLLAND BASHAM ARCHITECTS
H B A
119 SOUTH 49th AVENUE
OMAHA, NEBRASKA 68132
(402) 551-0800

PROJECT: 13037
DATE: 02 AUGUST 2013
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SHEET **A1.0**

OVERALL FIRST FLOOR PLAN
0' 5' 10' 15' 20'





FLOOR FINISH PLAN NOTES

- SEE SHEETS A2.1 & A2.2 FOR WALL FINISHES & KEYED NOTES.
- SEE SHEETS A2.1 & A2.2 FOR FLOOR FINISH DIMENSIONS.
- LUXURY VINYL TILE ACCENT (LVT-2) AND ADJACENT LVT FLOORING (LVT-1) TO BE FACTORY CUT BY FLOORING MANUFACTURER FOR PRECISE INSTALLATION. GC TO FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH MANUFACTURER.
- WHERE FLOOR FINISHES DIFFER IN COLOR AND/OR MATERIAL BETWEEN ROOMS, MAKE THE JOINT BELOW THE CENTERLINE OF THE (CLOSED) DOOR. PROVIDE TRANSITION STRIPS BETWEEN FLOORS OF DIFFERENT MATERIALS. SEE COLOR SCHEDULE SECTION 09 0600 FOR TRANSITION STRIP (TRS) TYPES AND LOCATIONS.
- ALL FREESTANDING COLUMNS WITHIN EXTENTS OF CONSTRUCTION TO BE PAINTED (P-1), UNLESS NOTED OTHERWISE.

MATERIAL KEY

- EXTENTS OF CARPET (CPT-1) & (CPT-2), MIX RANDOMLY, ASHLAR INSTALLATION.
- EXTENTS OF CARPET (CPT-3), HERRINGBONE INSTALLATION.
- EXTENTS OF CARPET (CPT-4), COORDINATE WITH (CPT-5) TO CREATE AREA RUG EFFECT.
- EXTENTS OF CARPET (CPT-5), NON-DIRECTIONAL INSTALLATION.
- EXTENTS OF LUXURY VINYL TILE (LVT-1), HATCH INDICATES PLANK DIRECTION.
- EXTENTS OF LUXURY VINYL TILE (LVT-2).
- EXTENTS OF MARMOLEUM FLOORING (MF-1), HATCH INDICATES PATTERN DIRECTION.
- EXTENTS OF VINYL COMPOSITION TILE (VCT-1)
- EXTENTS OF WALK-OFF MAT (NMT-1) WITHIN EXG RECESS.
- EXTENTS OF WALK-OFF MAT (NMT-2) BRICK ASHLAR INSTALLATION
- EXTENTS OF WALK-OFF MAT (NMT-3) MONOLITHIC INSTALLATION
- ARROW INDICATES CARPET DIRECTION.

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**OVERALL FLOOR
FINISH PLAN**

HOLLAND BASHAM ARCHITECTS
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DATE: 02 AUGUST 2013
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SHEET **A2.0**

OVERALL FIRST FLOOR FINISH PLAN
0' 5' 10' 15' 20'

STATE OF NEBRASKA
JAMES KEITH BASHAM
REGISTERED ARCHITECT

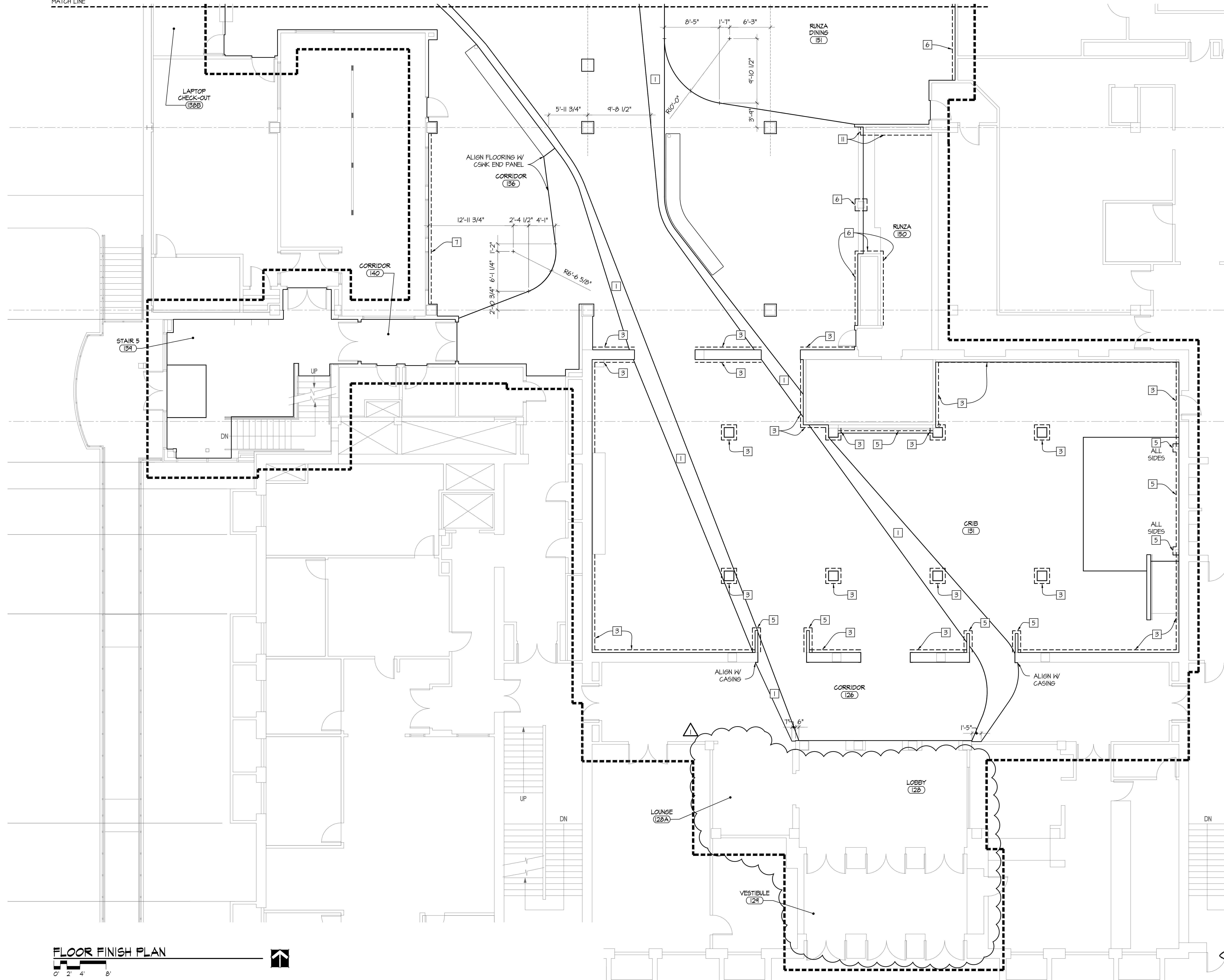
MATCH LINE

FLOOR FINISH PLAN NOTES

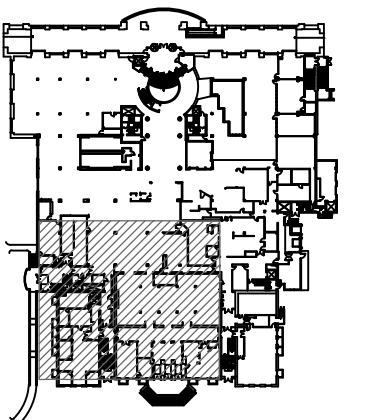
1. SEE SHEET **A2.0** FOR FLOOR FINISH PLAN NOTES.

KEYED NOTES

SEE SHEET **A2.1** FOR KEYED NOTES.



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KEY PLAN

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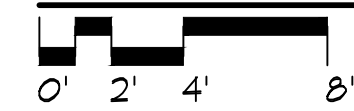
**ENLARGED
FLOOR FINISH PLAN**

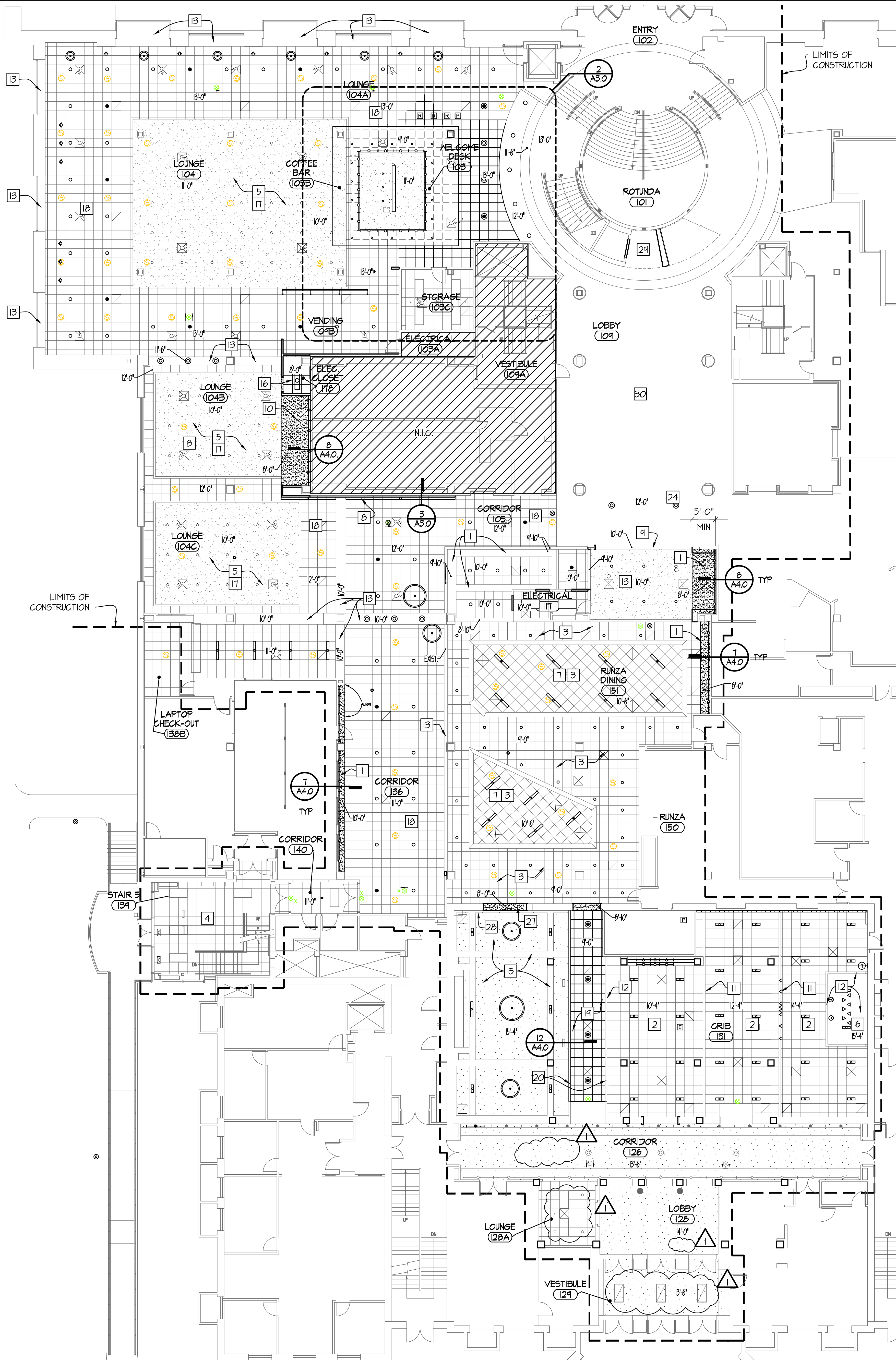
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A2.2
SHEET

FLOOR FINISH PLAN



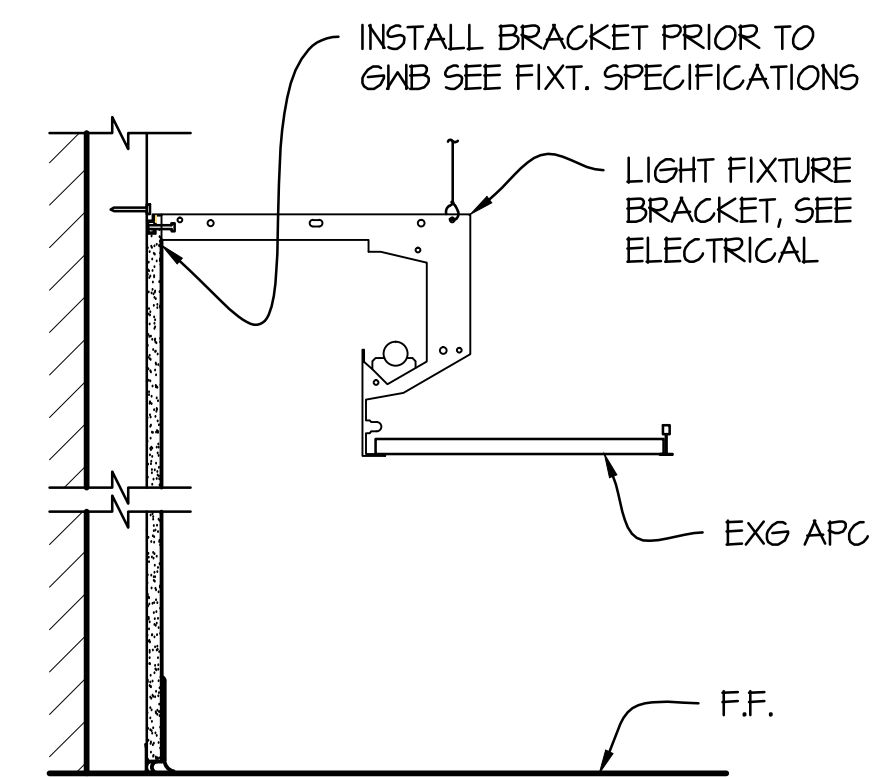


1 REFLECTED CEILING PLAN
A3.0
0' 5' 10' 15' 20'

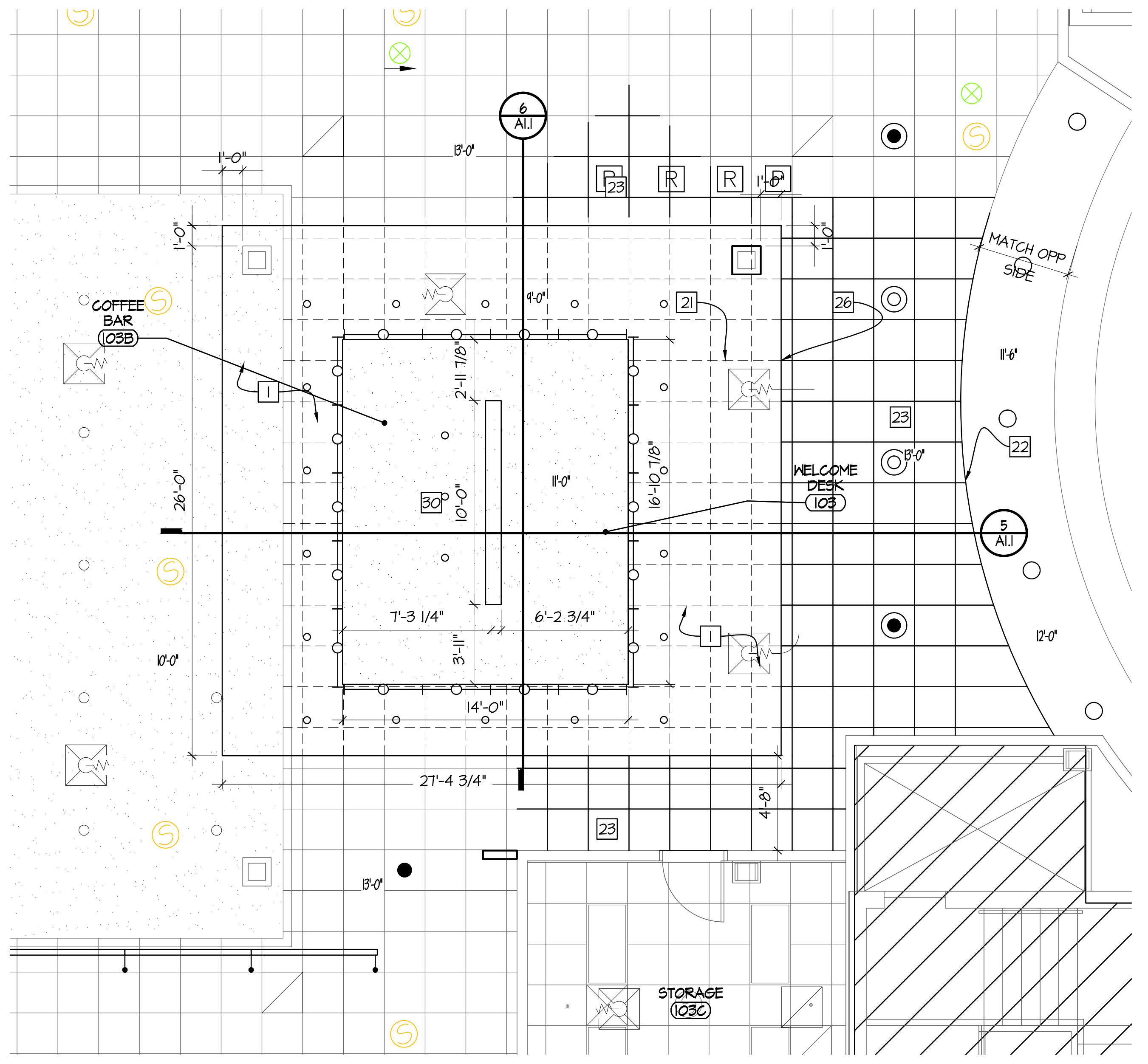
KEYED NOTES

- 1 NEW GYPSUM BOARD BULKHEAD/SOFFIT, PAINTED (P-1), SEE SECTIONS.
- 2 NEW BLACK ACOUSTICAL CEILING PADS (APC-2) IN EXISTING GRID SYSTEM. GRID TO BE PAINTED (P-10). SEE COLOR SCHEDULE AND SPECIFICATIONS.
- 3 NEW ACOUSTICAL CEILING PADS (APC-1) IN EXISTING GRID SYSTEM. PAINT EXG GRID WHITE TO MATCH.
- 4 EXG CEILING GRID TO REMAIN. REPLACE STAINED OR DAMAGED PADS. (APPROX 10% OF EXIST.)
- 5 EXG GNB CEILING AND DOWN LIGHTS TO REMAIN. EXG GNB SOFFIT, LIGHT COVE AND RED TRIM TO BE PAINTED (P-1), ALL SIDES.
- 6 EXG PIPE RAIL TO BE RAISED 1'-0". THEATRICAL LIGHTING TO BE SALVAGED AND REINSTALLED.
- 7 TRIM WITHIN RAISED CEILING AND SLOPED GNB SURFACES TO BE PAINTED (P-1).
- 8 LIGHT FIXTURE BRACKET MUST BE INSTALLED PRIOR TO GNB INSTALL. SEE 3/A3.0
- 9 NEW SOFFIT TO EXTEND EXISTING CEILING AS SHOWN. PROVIDE SMOOTH TRANSITION. PAINT (P-1) ALL SIDES. REPAINT EXISTING RED ACCENT STRIPE ABOVE (P-4).
- 10 NEW GNB SOFFIT. VERTICAL FACE TO RECEIVE VINYL WALL COVERING (VWC-1) TO MATCH ADJACENT WALLS. HORIZONTAL FACE TO BE PAINTED (P-1).
- 11 PAINT EXG GNB BULKHEAD (P-10), ALL SIDES.
- 12 PAINT EXG GNB SOFFIT/CEILING (P-5), ALL SIDES.
- 13 PAINT EXG SOFFIT/CEILING (P-1), ALL SIDES.
- 14 NOT USED.
- 15 PAINT EXG CEILING, CROWN MOLDING AND TRIM (P-1), ALL SIDES.
- 16 NEW ACOUSTICAL PANEL CEILING, APC-1.
- 17 SEE SPECIFICATIONS FOR ALTERNATE #1.
- 18 EXG APC + GRID TO REMAIN. REPLACE STAINED OR DAMAGED PADS. (APPROX 20% OF EXIST.)
- 19 NEW SOFFIT AND APC-1 WITH GRID-1 BRACED TO STRUCTURE ABOVE. PAINT SOFFIT P-5.
- 20 MATCH HEIGHT OF NEW SOFFIT TO EXISTING.
- 21 DASHED LINES INDICATE ACOUSTICAL PANEL CEILING TO CONTINUE ABOVE CLOUD. INSTALL SALVAGED PANELS FROM DEMOLITION OF THIS AREA. USE GRID-1 FOR NEW GRID.
- 22 GNB CEILING TO MATCH OPPOSITE SIDE OF ROTUNDA.
- 23 INFILL WITH WITH APC-1 AND GRID-1
- 24 NEW CEILING MOUNTED SIGN BY RUNZA. PROVIDE POKER, SEE ELECTRICAL DRAWINGS.
- 25 NOT USED
- 26 INDIVIDUAL BLOCK LETTERS ALONG EAST EDGE OF CLOUD. SEE SECTION 5/A1.1
- 27 BOTTOM OF STRUCTURAL LINTEL TO BE ENGAGED IN NEW PLASTER CEILING AND CROWN. COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION.
- 28 REBUILD PLASTER CEILING AND CROWN BETWEEN PLASTER BEAMS, TO MATCH EXISTING.
- 29 GNB CEILING, PAINT HORIZONTAL SURFACE (P-12).
- 30 PAINT HORIZONTAL AND VERTICAL SURFACES OF RAISED GNB CEILING (P-4). REFER TO SECTIONS FOR EXTENTS.

REV NO 01, ADDENDUM NO 01 AUGUST 20, 2013



3 WALL DETAIL
A3.0
0' 3' 6' 1'



2 ENLARGED REFLECTED CEILING PLAN
A3.0
0' 5' 10' 15' 20'

RCP GENERAL NOTES

1. SEE ROOM FINISH SCHEDULE FOR CEILING FINISHES, UNLESS OTHERWISE NOTED ON THE REFLECTED CEILING PLAN.
2. CEILING HEIGHTS SHOWN ON PLAN.
3. CEILING HEIGHT AS SCHEDULED FOR ACOUSTIC PANEL CEILING SHALL BE MEASURED TO THE FINISH FACE OF THE GRID.
4. VERIFY THAT ALL EXISTING WALLS SHOWN AS FIRE RATED, MEET ALL APPLICABLE CODE REQUIREMENTS. PATCH AND REPAIR AS REQUIRED, WITH APPROVED FIRESTOPPING MATERIALS, ANY EXISTING WALLS FOUND TO BE NONCOMPLIANT.
5. SPRINKLER HEAD LOCATIONS ARE NOT SHOWN ON THE REFLECTED CEILING PLAN. THE FIRE SPRINKLER CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR THE SYSTEM.
6. CEILING SHOWN IN BOLD LINES ARE NEW, CEILING SHOWN IN HALF-TONE LINES ARE EXISTING. U.N.O.
7. AREAS WHERE CEILING TRIM IS TO BE REMOVED MAY REQUIRE NEW CEILING GRID MOUNTED TO WALL.
8. GC IS TO CONFIRM EXISTING GRID WILL ACCEPT NEW SPECIFIED CEILING PADS, WHERE GRID IS TO REMAIN AND NEW PADS ARE TO BE INSTALLED. PRIOR TO DISCARDING EXISTING PADS. COORDINATE WITH ARCHITECT IF GRID WILL NOT ACCEPT NEW PADS.
9. FOR NEW LIGHTING, SEE ELECTRICAL PLANS.

LEGEND OF SYMBOLS

- 2 X 2 APC
- GNB CEILING / SOFFIT
- EXISTING PLASTER CEILING
- 24" LED RING PENDANT
- DIRECTIONAL DOWN LIGHT
- DOWN LIGHT
- SURFACE MOUNTED DOWN LIGHT W/UP.
- 2 X 4 FLUORESCENT LIGHT
- 48" LED RING PENDANT
- 60" LED RING PENDANT
- RECESSED DIRECTIONAL DOWN LIGHT OR PENDANT.
- RECESSED LINEAR DOWN LIGHT
- STRIP LIGHT
- LED STRIP LIGHT
- CONTINUOUS WALL MOUNTED UP LIGHT
- LED TAPE SYSTEM
- WALL SCONCE
- THEATRICAL LIGHTING
- SPEAKER
- MECHANICAL SUPPLY DIFFUSER
- MECHANICAL RETURN GRILLE
- EXIT LIGHT
- X'-XX" CEILING HT. ABOVE FINISHED FLOOR

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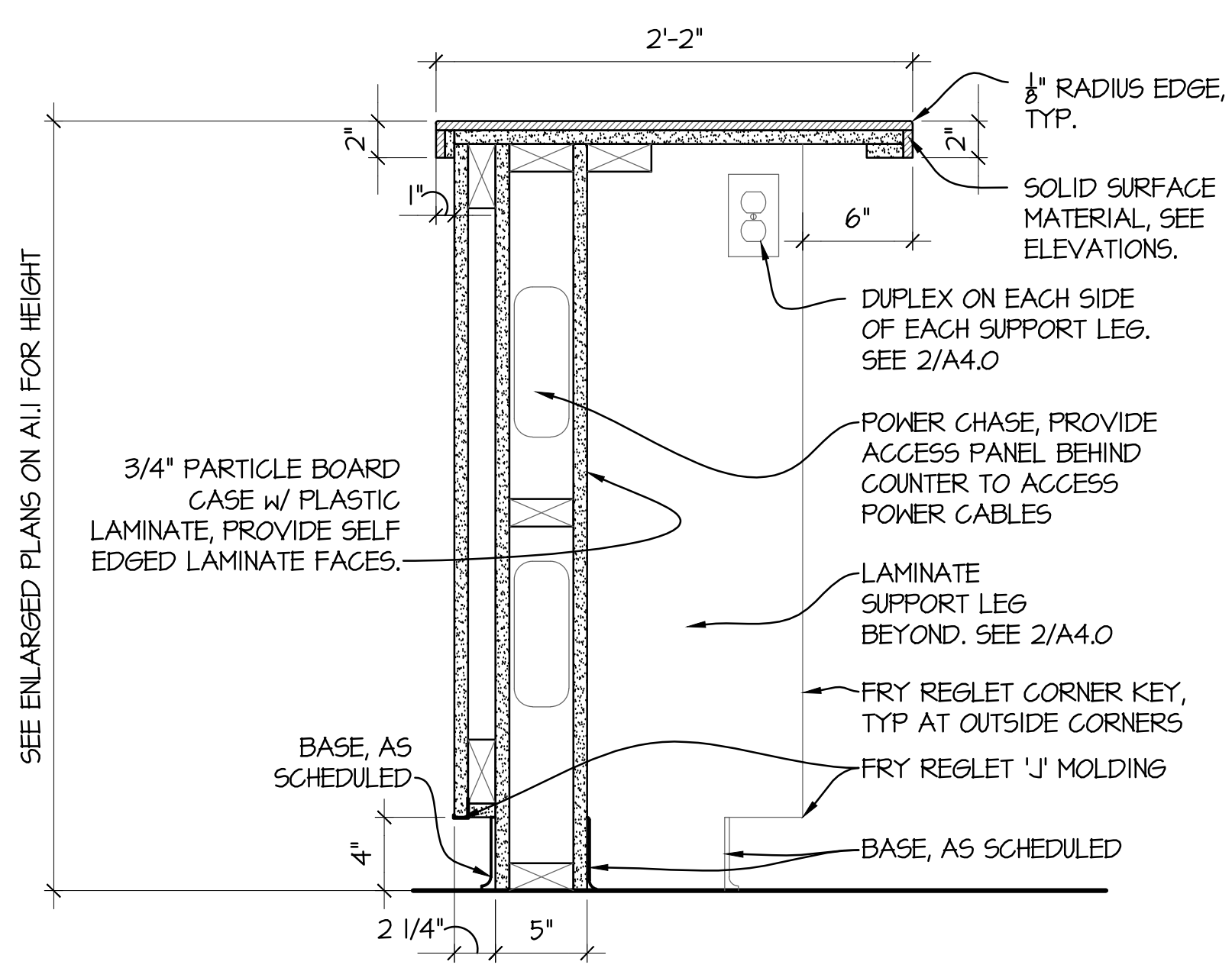
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REFLECTED CEILING PLAN

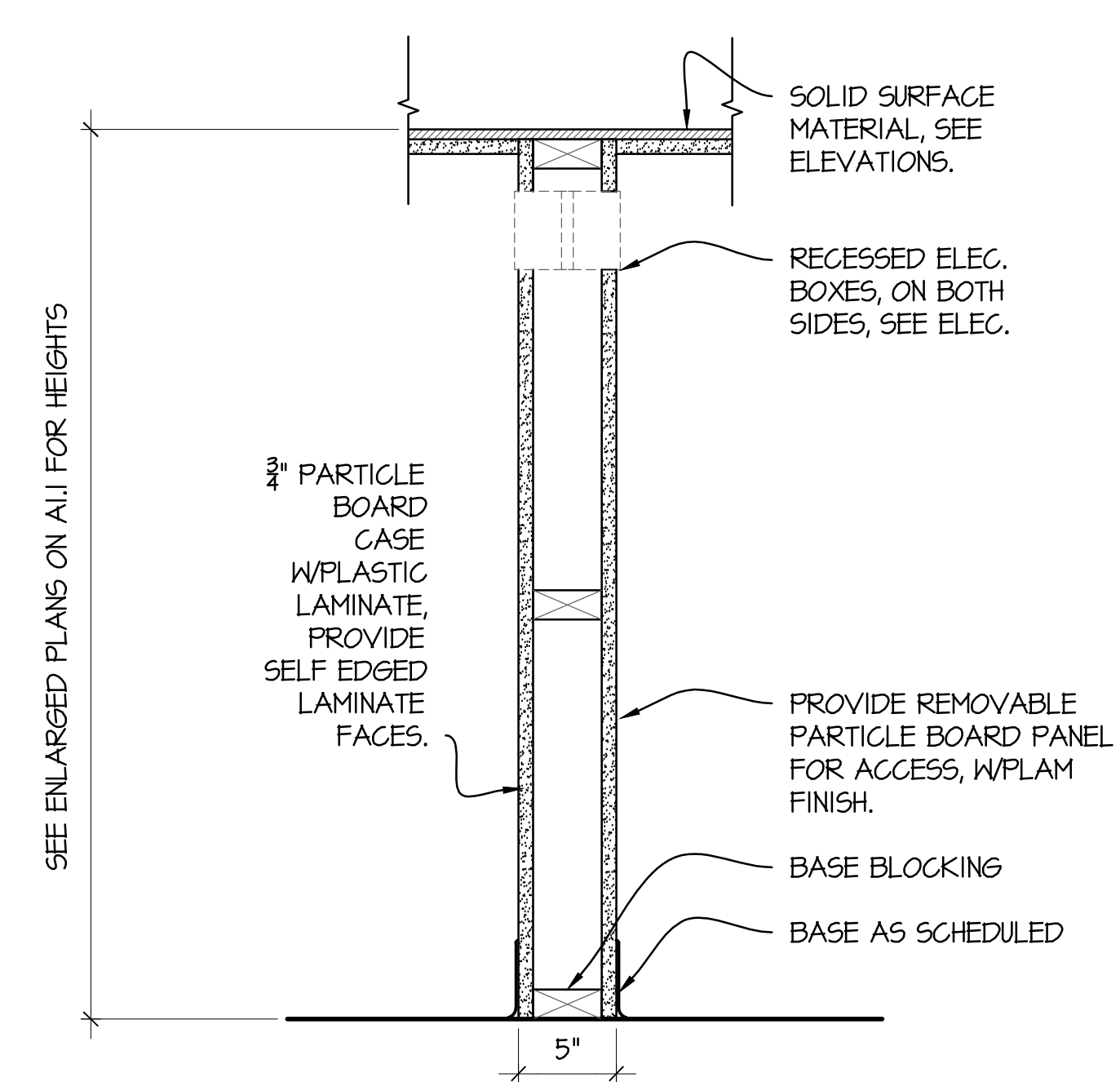
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SHEET **A3.0**

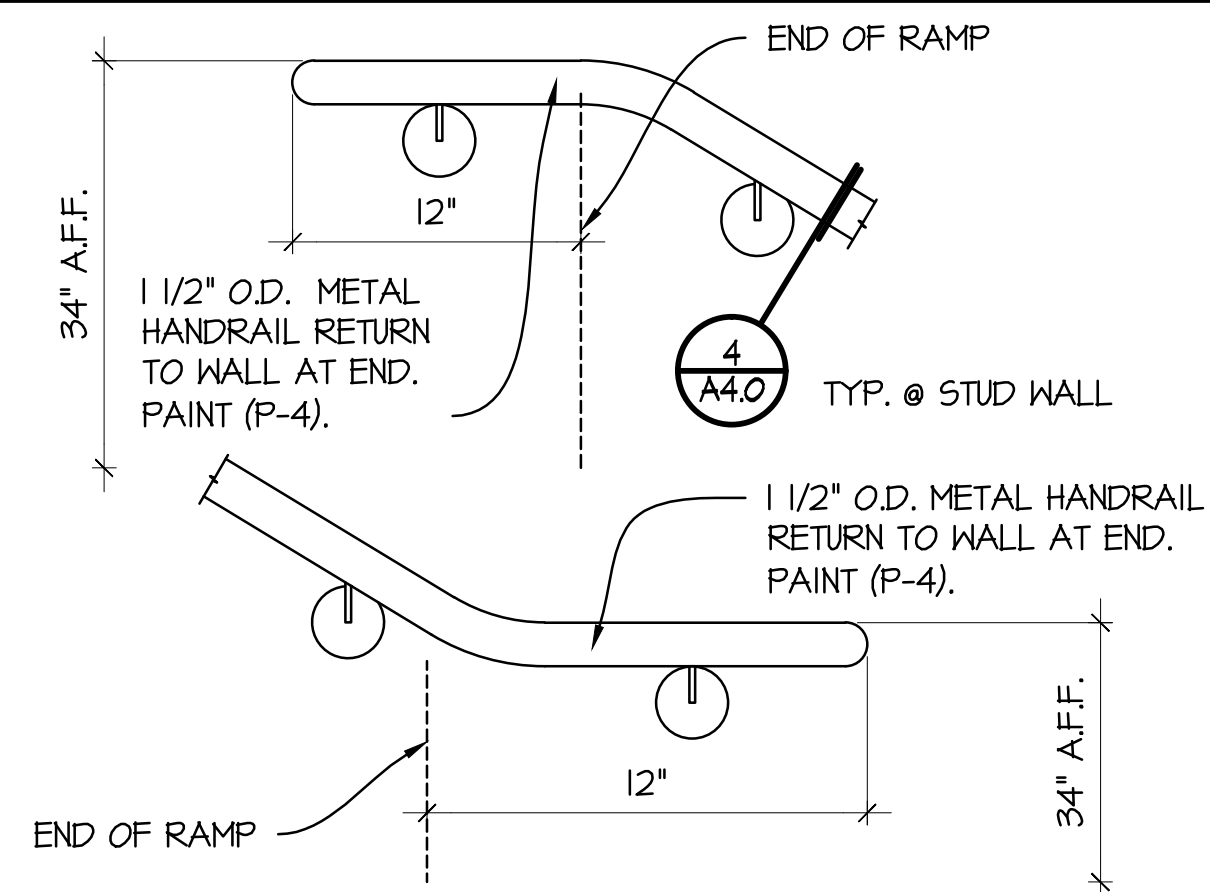




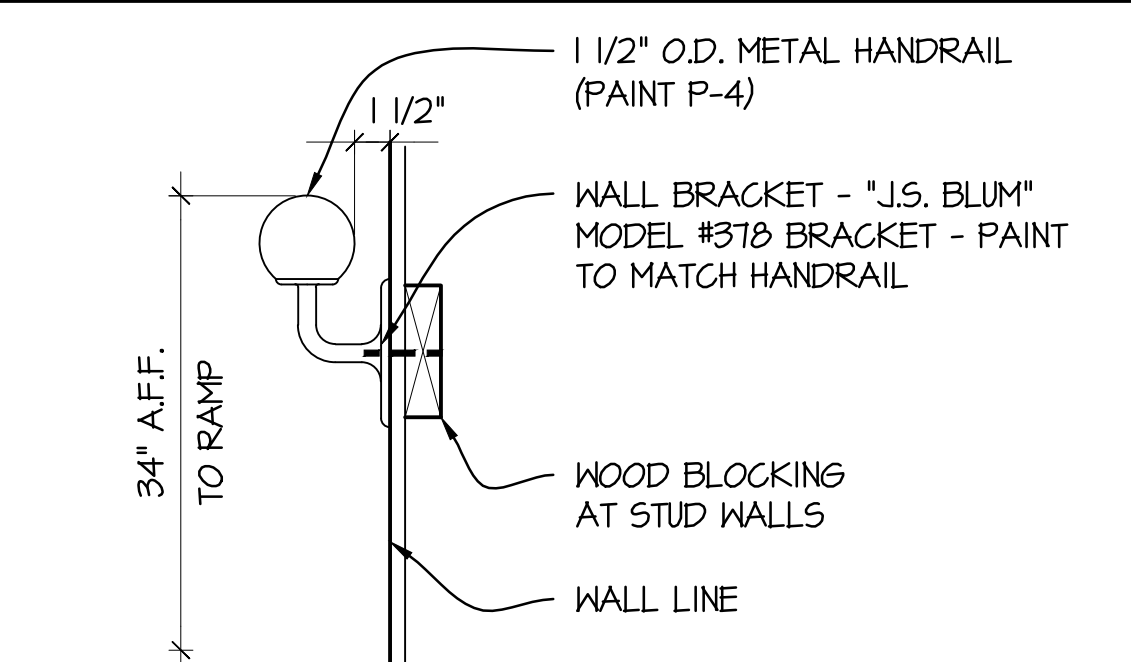
1 BAR HEIGHT TABLE SECTION (TYP.)
A4.0
0' 3' 6' 1'



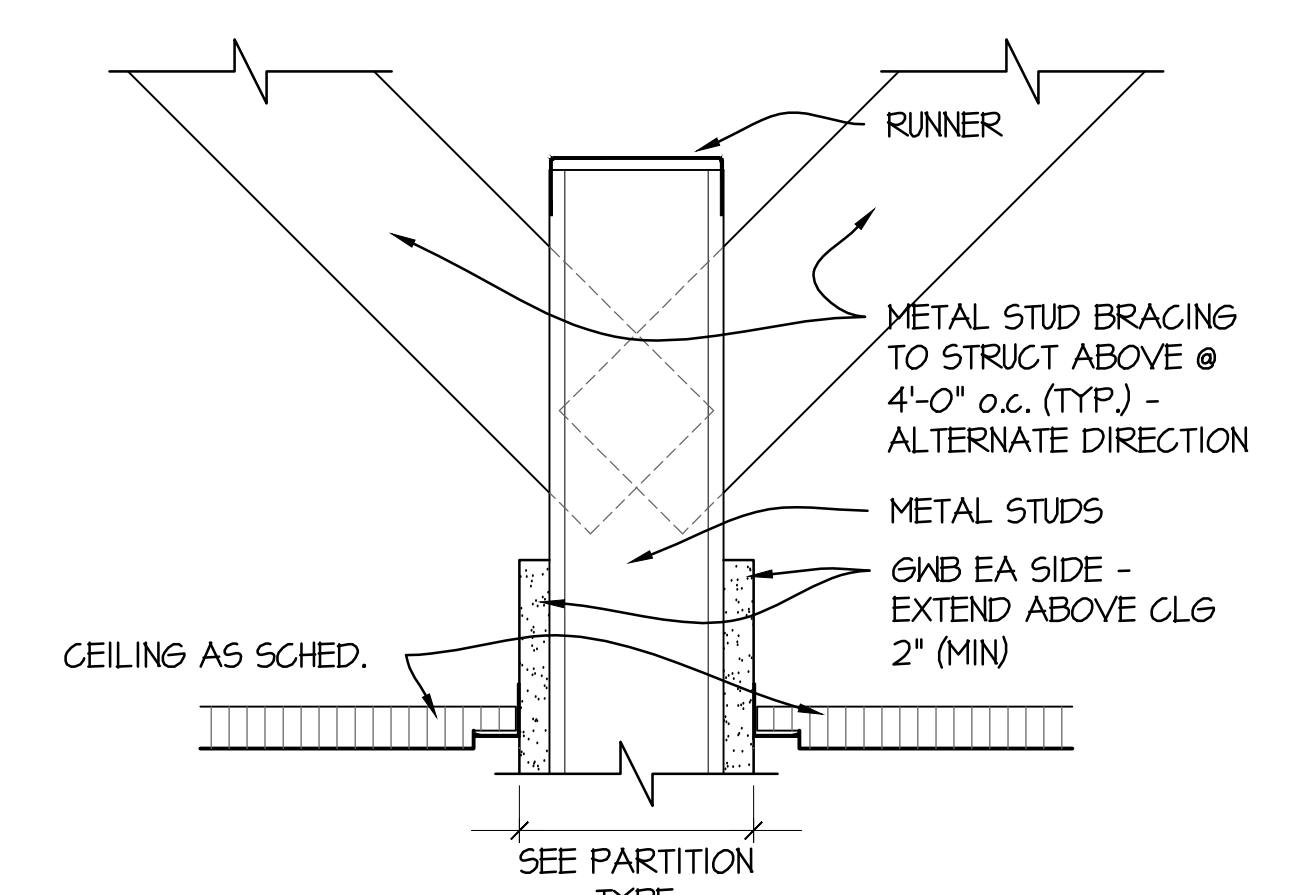
2 COUNTER SUPPORT
A4.0
0' 3' 6' 1'



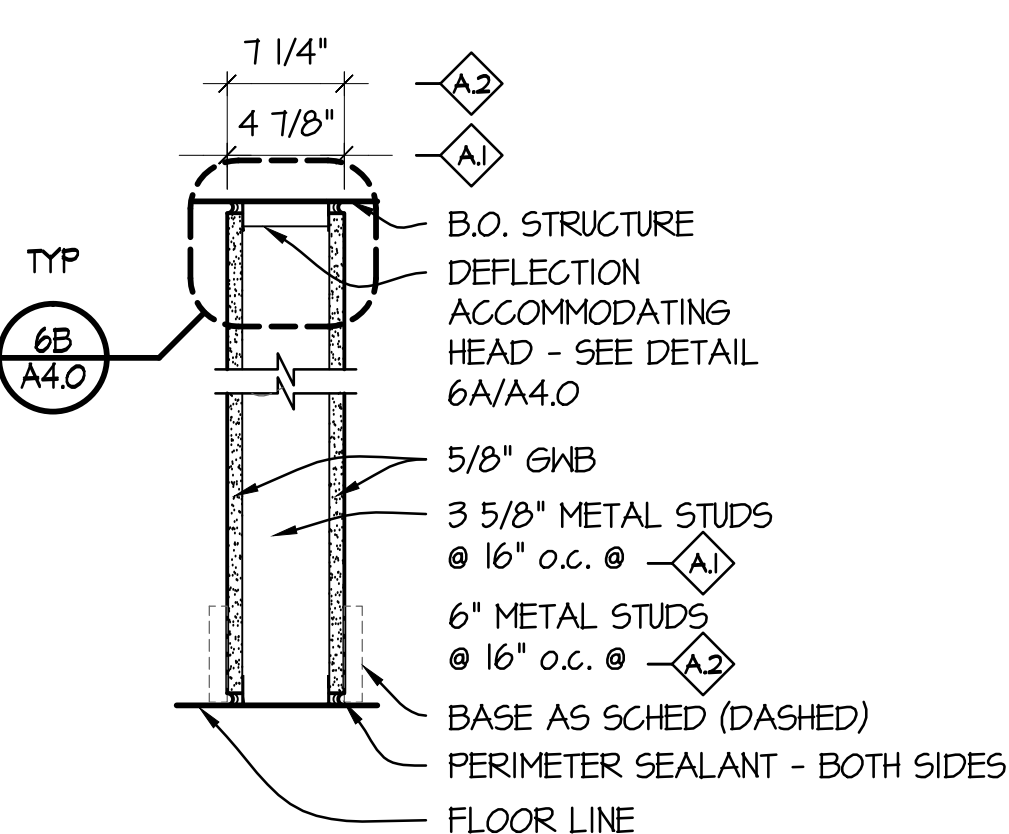
3 HANDRAIL DETAIL
A4.0
0' 3' 6' 1'



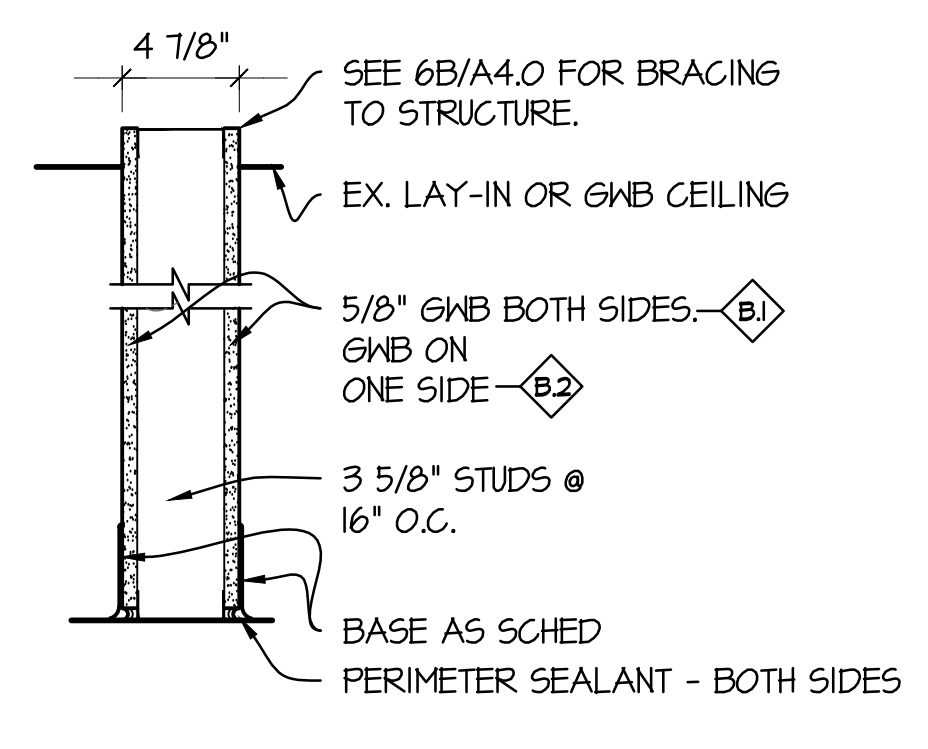
4 HANDRAIL ANCHOR DTL
A4.0
0' 3' 6' 1'



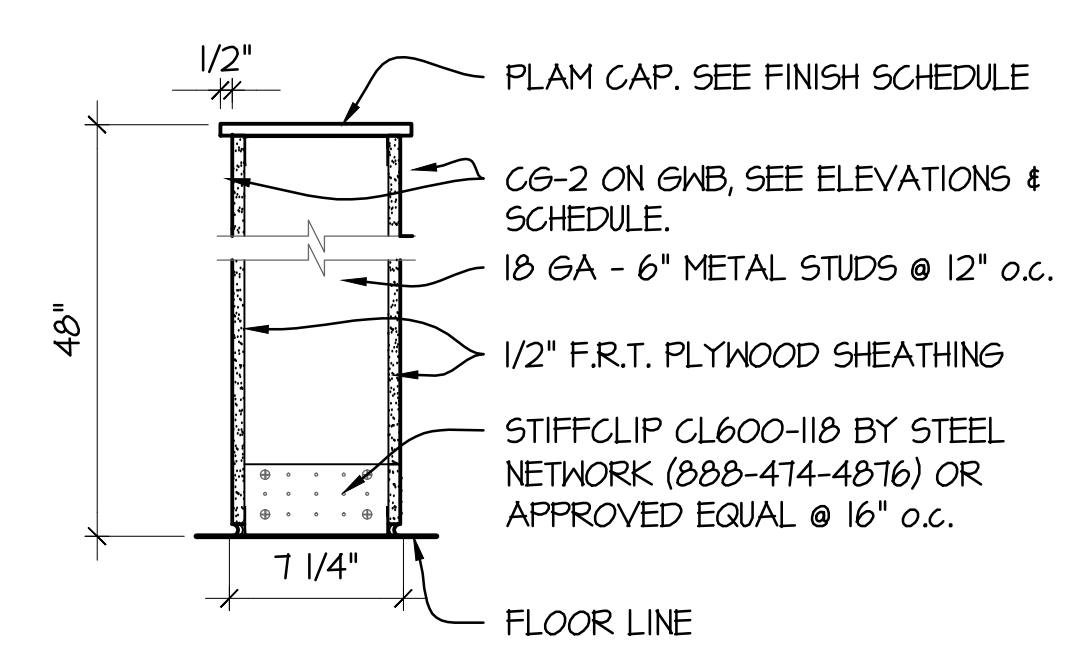
6B OVERHEAD BRACING DETAIL
A4.0
0' 1.5' 3' 6'



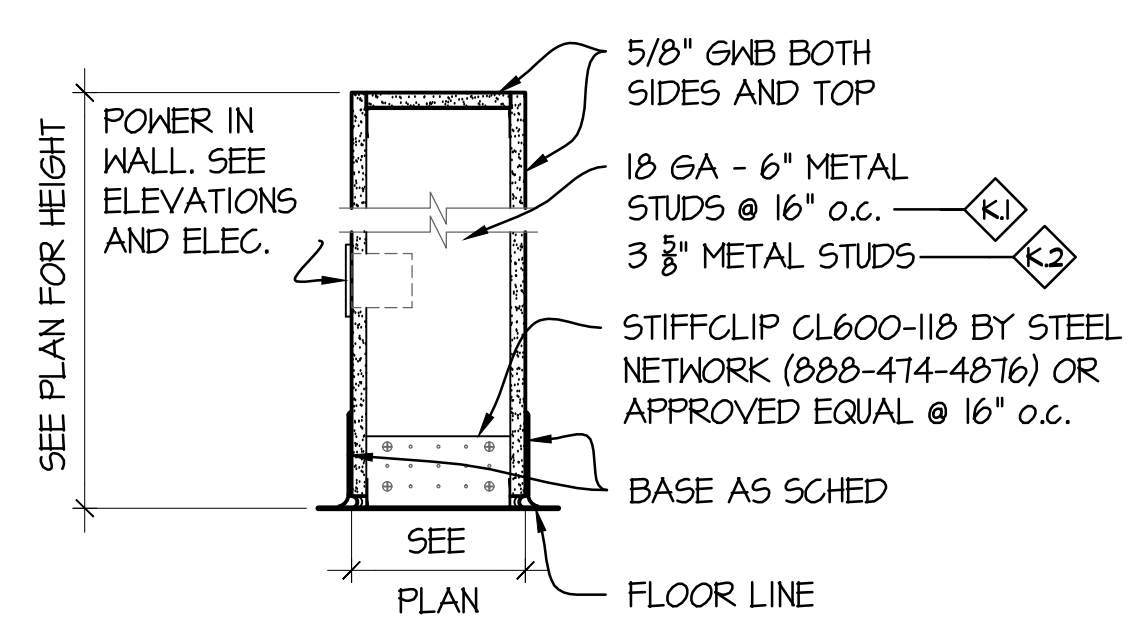
A.1 METAL STUD W/ GMB
1 HR - UL 1465/6A; WP 10T2 (WHERE RATED)
STC - 45



B.1 B.2 METAL STUD W/ GMB

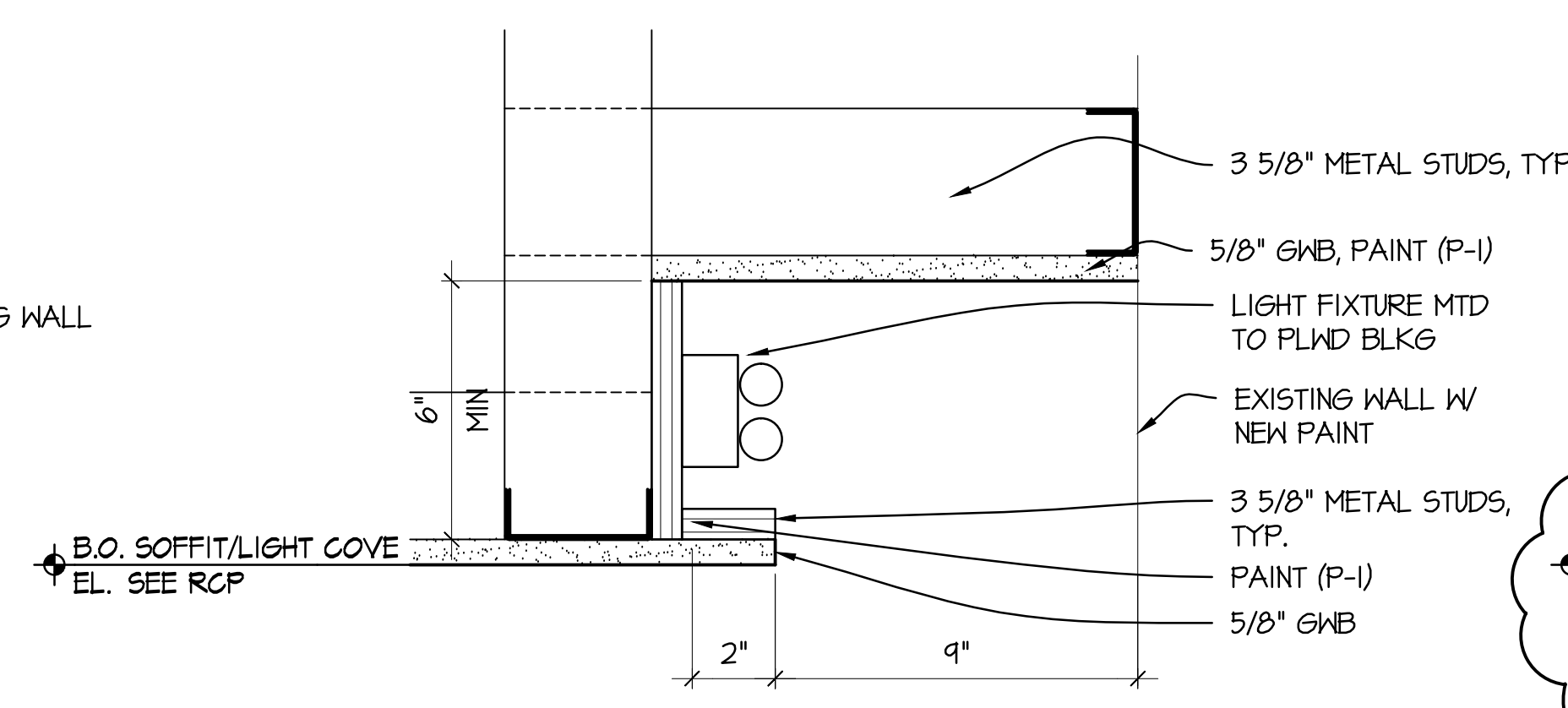
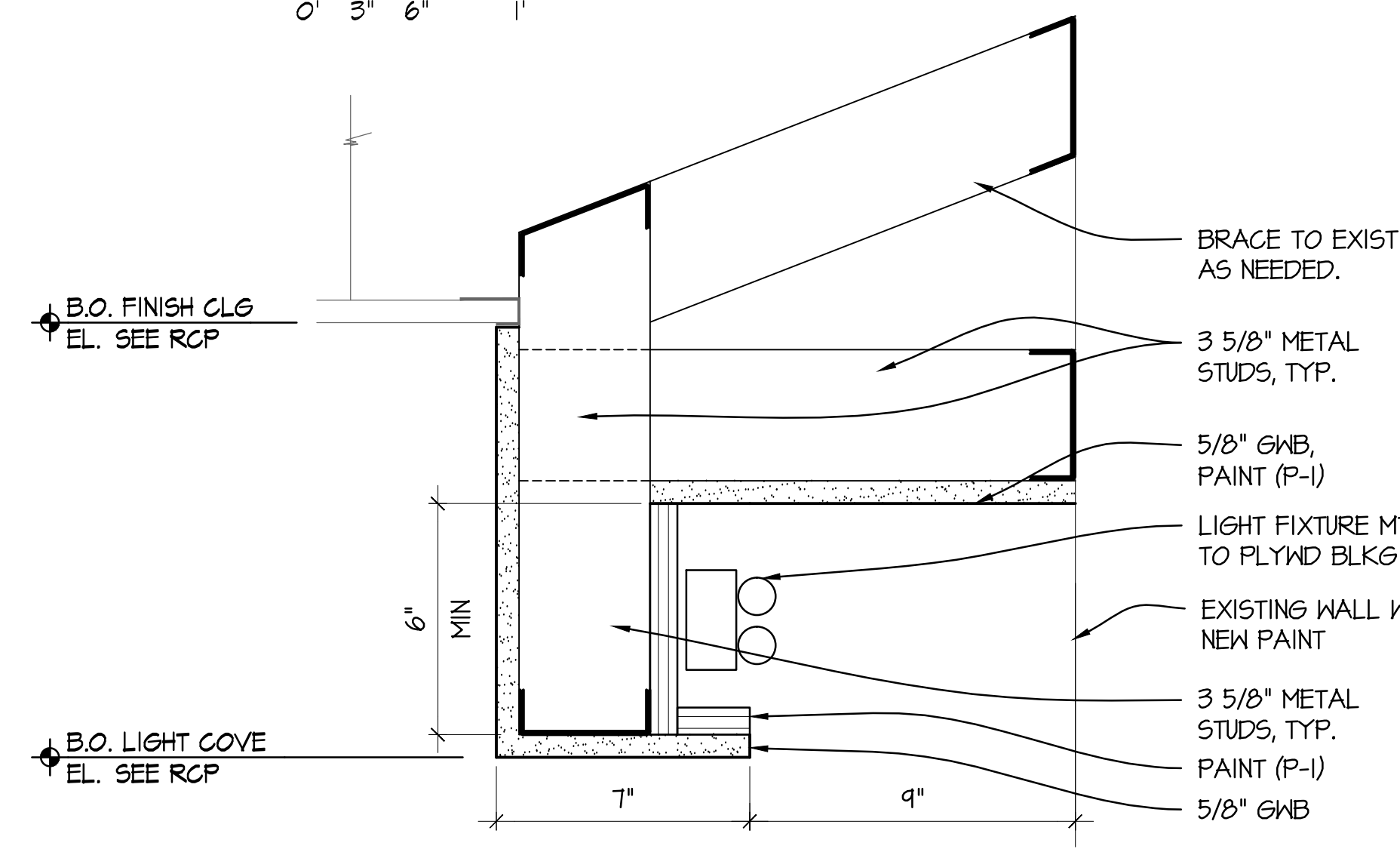


C.1 PART. HT. WALL W/ WOOD CAP

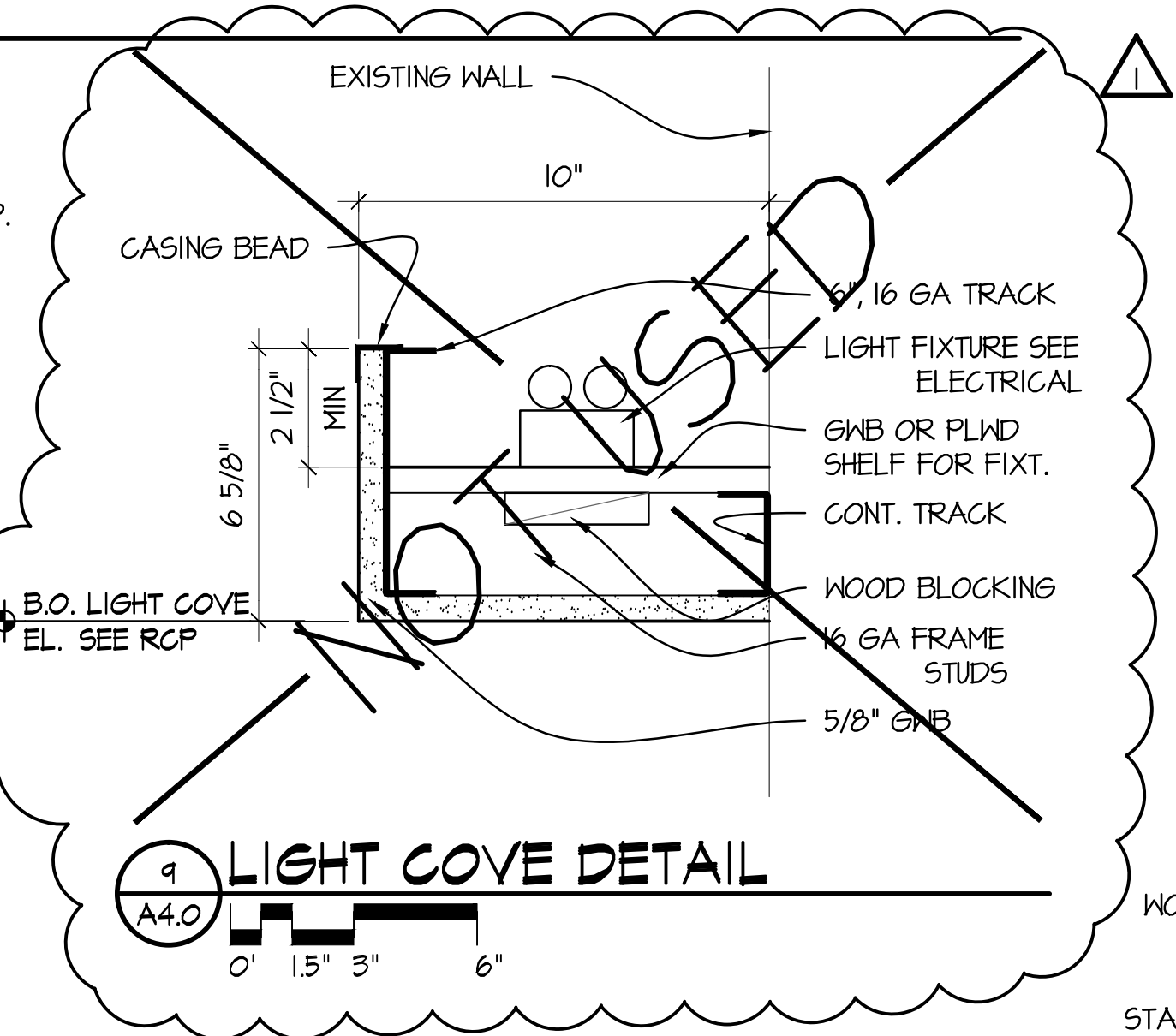


K.1 K.2 PART. HT. W/ GMB CAP

5 PARTITION TYPES
A4.0
0' 3' 6' 1'

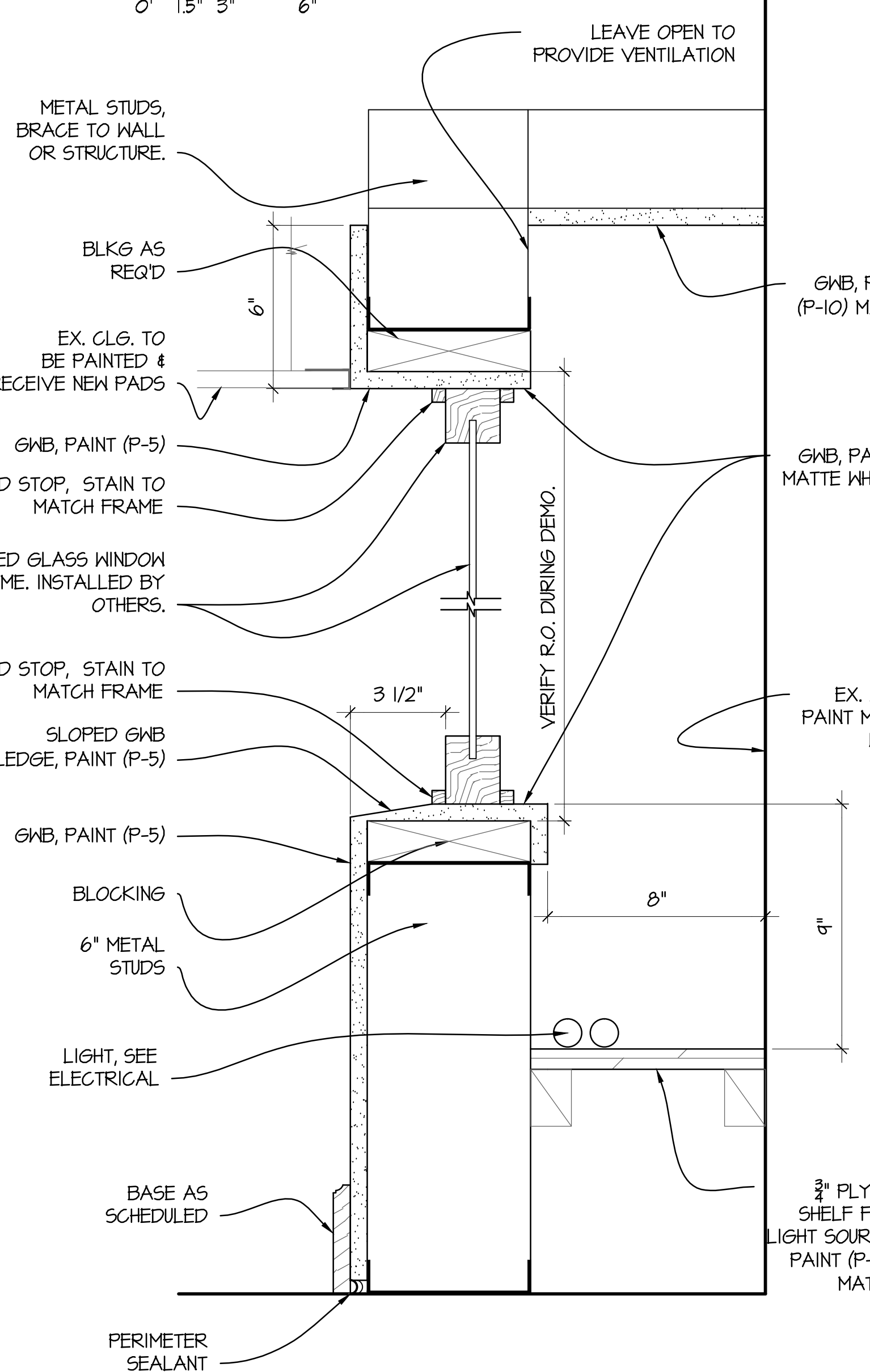


8 LIGHT COVE DETAIL
A4.0
0' 1.5' 3' 6'



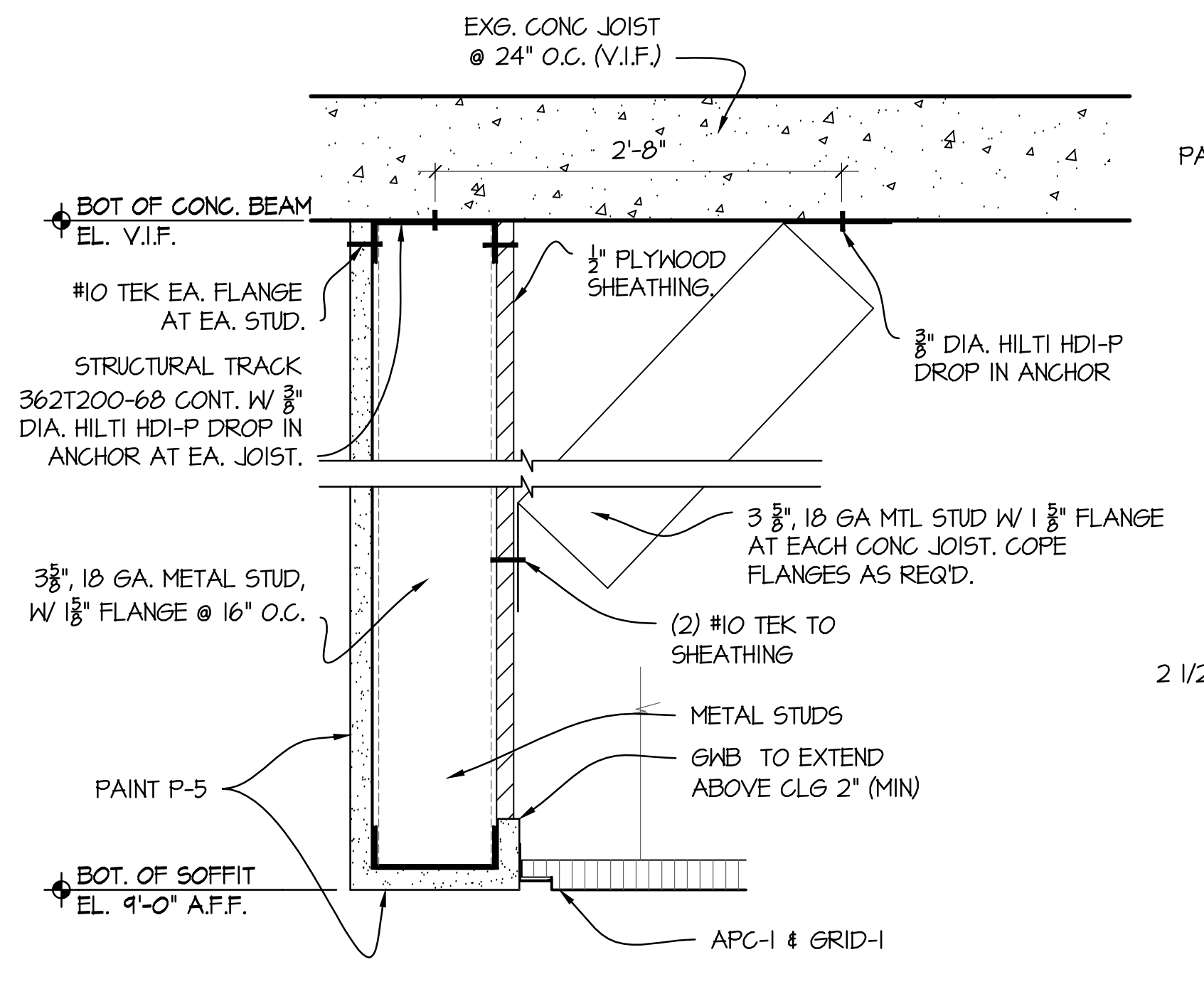
9 LIGHT COVE DETAIL
A4.0
0' 1.5' 3' 6'

6A PERIMETER RELIEF DETAIL - HEAD
A4.0
0' 1.5' 3' 6'

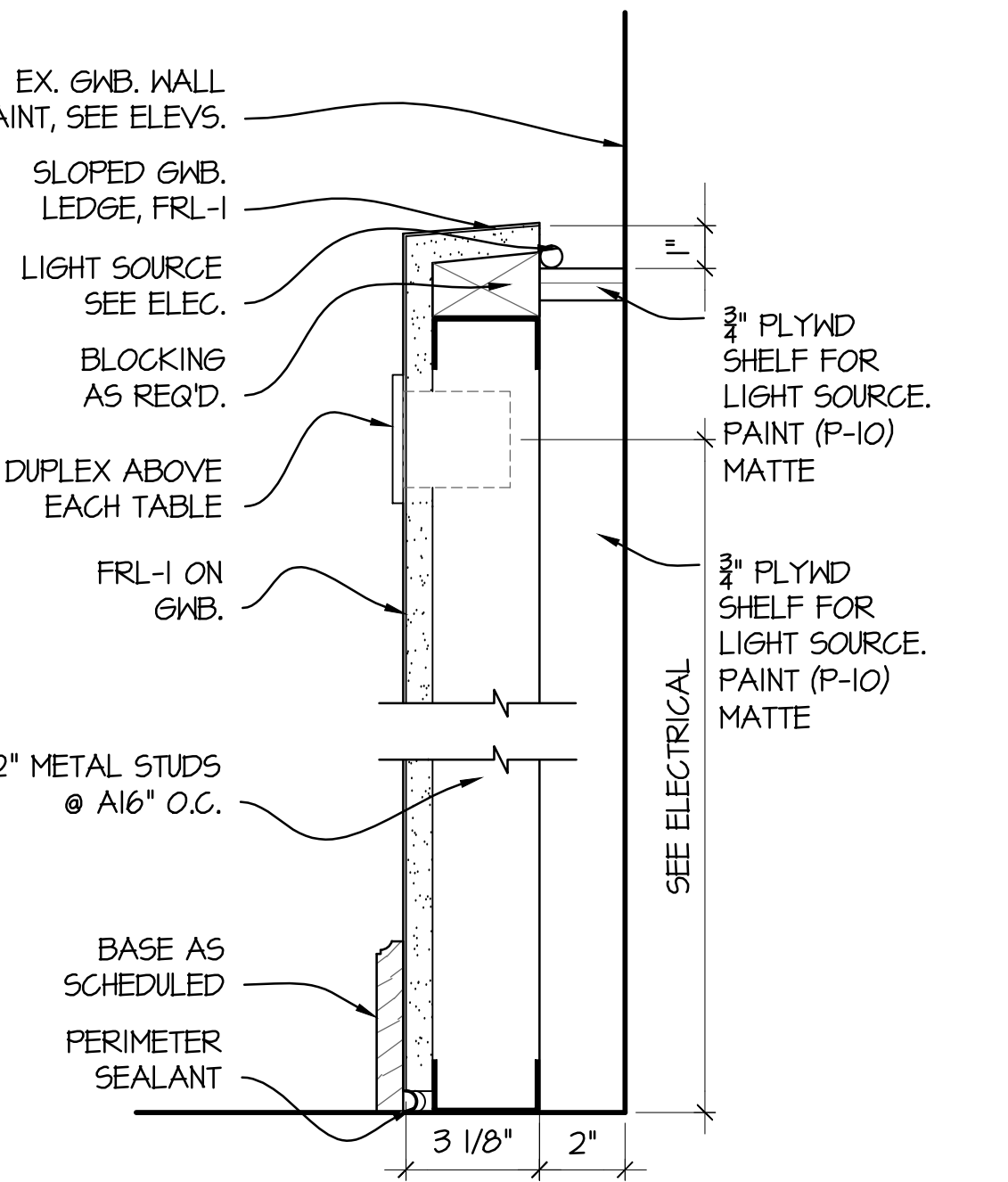


14 DETAIL AT STAINED GLASS WINDOW WALL
A4.0
0' 1.5' 3' 6'

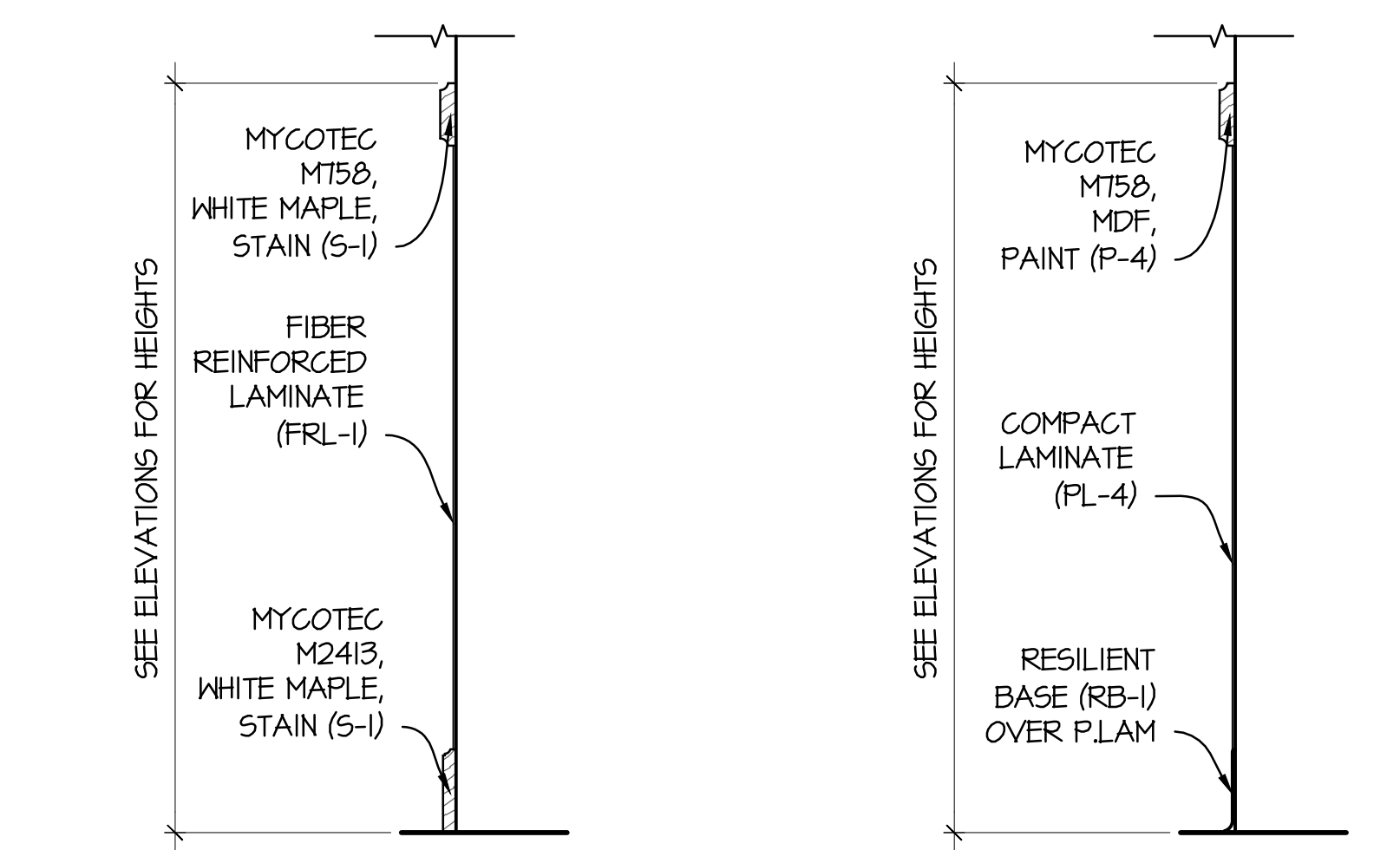
7 LIGHT COVE DETAIL
A4.0
0' 1.5' 3' 6'



12 SOFFIT DETAIL
A4.0
0' 1.5' 3' 6'



13 LIGHT COVE BUILD-OUT
A4.0
0' 1.5' 3' 6'



10 WAINSCOT DETAIL
A4.0
0' 3' 6' 1'

11 WAINSCOT DETAIL
A4.0
0' 3' 6' 1'

REV NO 01, ADDENDUM NO 01 AUGUST 20, 2013

**Nebraska Union
First Floor
Selective Refurbishment**
1400 R Street
Lincoln, Nebraska

UNL PROJECT NUMBER: C026P336

INTERIOR DETAILS

HOLLAND BASHAM ARCHITECTS
HBA
119 SOUTH 49th AVENUE
OMAHA, NEBRASKA 68132
(402) 551-0800

PROJECT: 13037
DATE: 02 AUGUST 2013
REGISTERED ARCHITECT
SHEET **A4.0**

| DOOR SCHEDULE | | | | | | | | | | | | |
|---------------|--------------------|--------|------|-------|-------|------|------|-----------|------|-----|------|-----------------|
| DOOR NO. | DOOR | | | | FRAME | | | | HDWR | DET | SHT | * REMARKS |
| | SIZE | TYPE | MATL | FIN | TYPE | MATL | FIN | DEPTH | | | | |
| 103A | 3'-0" X 7'-0" | EXG-D1 | WD | EXG | EXG | H.M. | P-4 | - | EXG | - | - | |
| 103C | 3'-0" X 7'-0" | EXG-D1 | WD | EXG | EXG | H.M. | P-4 | - | EXG | - | - | |
| 104 | 3'-0" X 7'-0" | EXG-D1 | WD | EXG | EXG | H.M. | P-4* | - | EXG | - | - | SEE NOTE 8 |
| 104 | 3'-0" X 7'-0" | EXG-D3 | WD | EXG | EXG | H.M. | P-4* | - | EXG | - | - | SEE NOTE 1 |
| 110 | 3'-0" X 7'-0" | EXG-D1 | WD | EXG | EXG | H.M. | P-4* | - | 3 | - | - | SEE NOTE 1 |
| 128A | PAIR 3'-0" X 7'-0" | EXG | EXG | EXG | EXG | ALUM | EXG | - | EXG | - | - | |
| 128B | PAIR 3'-0" X 7'-0" | EXG | EXG | EXG | EXG | ALUM | EXG | - | EXG | - | - | |
| 128C | PAIR 3'-0" X 7'-0" | EXG | EXG | EXG | EXG | ALUM | EXG | - | EXG | - | - | |
| 124A | PAIR 3'-0" X 7'-0" | EXG | EXG | EXG | EXG | ALUM | EXG | - | EXG | - | - | |
| 124B | PAIR 3'-0" X 7'-0" | EXG | EXG | EXG | EXG | ALUM | EXG | - | EXG | - | - | |
| 124C | PAIR 3'-0" X 7'-0" | EXG | EXG | EXG | EXG | ALUM | EXG | - | EXG | - | - | |
| 131 | 3'-0" X 7'-0" | EXG-D1 | WD | EXG | EXG | H.M. | P-4* | - | EXG | - | - | SEE NOTE 4 |
| 136 | 3'-0" X 7'-0" | EXG-D4 | WD | EXG | EXG | H.M. | P-4* | - | EXG | - | - | SEE NOTE 1 |
| 138A | 3'-0" X 7'-0" | EXG-D4 | WD | EXG | EXG | H.M. | P-4* | - | EXG | - | - | SEE NOTE 1 |
| 138B | 3'-0" X 7'-0" | EXG-D1 | WD | EXG | EXG | H.M. | P-4 | - | EXG | - | - | |
| 134A | PAIR 3'-0" X 7'-0" | EXG-D3 | WD | EXG | EXG | H.M. | P-4* | - | EXG | - | - | SEE NOTE 1 |
| 134B | PAIR 3'-0" X 7'-0" | EXG-D3 | WD | EXG | EXG | H.M. | P-4* | - | EXG | - | - | SEE NOTE 1 |
| 140 | PAIR 3'-0" X 7'-0" | EXG-D3 | WD | EXG | EXG | H.M. | P-4 | - | EXG | - | - | SEE NOTE 1 |
| 151A | 3'-0" X 7'-0" | EXG-D1 | WD | PL-1* | EXG | H.M. | P-4 | - | EXG | - | - | SEE NOTE 5 |
| 151B | 3'-0" X 7'-0" | EXG-D1 | WD | PL-1* | EXG | H.M. | P-4 | - | EXG | - | - | SEE NOTE 5 |
| 178 | 3'-0" X 7'-0" | D1 | WD | S-2* | FI | H.M. | P-4 | 0'-5 3/4" | 2" | 1 | A5.0 | SEE NOTES 6 & 7 |

| ROOM FINISH SCHEDULE | | | | | | |
|----------------------|-------------------|-----------------------------|------------|-------------------------------|------------------------|-----------------------------|
| Rm No | Room Name | Floor | Base | Walls | Ceiling | Remarks |
| 101 | ROTUNDA | EXG | EXG | EXG | EXG | |
| 102 | ENTRY | EXG | EXG | EXG | EXG | |
| 103 | WELCOME DESK | MF-1 / LVT-1,2 | RB-1 | P-1, 2 / VNC-1* | APC-1 / GNB, P-1, 9* | *SEE RFS NOTE 1, 2, 3, 9 |
| 103A | ELECTRICAL | EXG | EXG | EXG | EXG | |
| 103B | COFFEE BAR | MF-1 / LVT-1,2 | RB-1 | P-1* | EXG / GNB, P-1, 9* | *SEE RFS NOTE 1, 2, 3, 9 |
| 103C | STORAGE | EXG | EXG | EXG | EXG | |
| 104 | LOUNGE | CPT-3, 4, 5 / LVT-1, 2* | RB-1 | P-1, 7, 9 / VNC-1* | EXG / P-1* | *SEE RFS NOTE 1, 2, 3, 9 |
| 104A | LOUNGE | CPT-4, 5 / LVT-1, 2* | RB-1 | P-1, 7 / VNC-1* | EXG / P-1* | *SEE RFS NOTE 1, 2, 3, 9 |
| 104B | LOUNGE | LVT-1, 2 / MF-1* | RB-1 | P-1, 2, 3 / VNC-1* | EXG / P-1* | *SEE RFS NOTE 1, 2, 3, 9 |
| 104C | LOUNGE | CPT-1, 2 / LVT-1, 2* | RB-1 | P-1, 2, 3 / VNC-1* | EXG / P-1* | *SEE RFS NOTE 1, 2, 3, 9 |
| 105 | CORRIDOR | LVT-1, 2 / MF-1* | RB-1 | P-1, 9 / VNC-1* | EXG / P-1* | *SEE RFS NOTE 1, 2, 3, 9 |
| 109 | LOBBY | EXG / MF-1* | EXG / RB-1 | P-1 / VNC-1* | EXG / P-12* | *SEE RFS NOTE 1, 2, 3, 9 |
| 109A | VESTIBULE | EXG | EXG | EXG | EXG | |
| 109B | VENDING | MF-1 | RB-1 | VNC-1 / P-1, 9* | EXG | *SEE RFS NOTE 2 |
| 111 | ELECTRICAL | EXG | EXG | EXG | EXG | |
| 126 | CORRIDOR | EXG / LVT-1, 2* | EXG | EXG | EXG | *SEE RFS NOTE 4 |
| 128 | LOBBY | EXG* | EXG | EXG | EXG | *SEE RFS NOTE 10 |
| 128A | LOUNGE | EXG | EXG | EXG | EXG | |
| 129 | VESTIBULE | EXG* | EXG | EXG | EXG | *SEE RFS NOTE 10 |
| 131 | CRIB | CPT-3 / LVT-1, 2* | RB-1 | P-3, 5 / VNC-1* | EXG / P-1, 10 / APC-2* | *SEE RFS NOTE 1, 2, 3, 7 |
| 136 | CORRIDOR | CPT-1, 2 / LVT-1, 2 / MF-1* | RB-1 | P-1, 7* | EXG | *SEE RFS NOTE 1, 2, 9 |
| 138B | LAPTOP CHECK-OUT | EXG | EXG | EXG | EXG | |
| 139 | STAIR 5 | EXG / WMT-1, 2* | EXG | EXG / P-1* | EXG | *SEE RFS NOTE 1, 8 |
| 140 | CORRIDOR | WMT-1 | RB-1 | P-1 | EXG | |
| 150 | RUNZA | EXG | EXG | P-11, 6* | EXG | *SEE RFS NOTE 2 |
| 151 | RUNZA DINING | CPT-1, 2 / LVT-1, 2 / MF-1* | RB-1 | P-1, 3, 6, 9 / PL-4 / TKBD-1* | APC-1 / EXG, P-1* | *SEE RFS NOTE 1, 2, 3, 7, 9 |
| 178 | ELECTRICAL CLOSET | VCT-1 | RB-1 | P-1 | APC-1 | |

GENERAL NOTES

- ALL DOORS SHALL BE 1 3/4" THICK UNLESS OTHERWISE NOTED.

DOOR SCHEDULE NOTES

- PAINT FRAME AND LITE FRAME. SEE FINISH SCHEDULE.
- NOT USED
- NOT USED
- PROVIDE NEW 5.5. KICK PLATE TO MATCH HEIGHT OF NEW MAINSCOTING.
- RE-LAMINATE EXISTING DOOR.
- STAIN TO MATCH EXISTING WOOD DOORS. SEE COLOR SCHEDULE.
- SEE SPECIFICATIONS FOR HARDWARE SETS.
- ELECTROSTATICALLY PAINT ELEVATOR DOORS AND FRAME (P-4). PAINT SMOKE DOOR FRAME (P-4).

ROOM FINISH SCHED. NOTES

- SEE OVERALL FLOOR FINISH PLAN, SHEET FOR EXTENTS OF ACCENT FLOORING. (A2.0)
- SEE ENLARGED FINISH PLANS, SHEET FOR EXTENTS OF ACCENT WALL FINISHES. (A2.1, A2.2)
- SEE REFLECTED CEILING PLAN, SHEET FOR EXTENTS OF CEILING FINISHES. (A3.0)
- NEW FLOORING TO BE INSTALLED OVER EXISTING TERRAZZO.
- NOT USED.
- NOT USED.
- NEW WOOD BASE, MAINSCOT AND CHAIR RAIL WITH PAINT AS SCHEDULED ABOVE. SEE ENLARGED FLOOR FINISH PLANS, SHEET FOR EXTENTS. (A2.1, A2.2)
- SEE ELEVATIONS, (A3) SERIES FOR HEIGHT.
- PAINT AS SCHEDULED AT GNB WALLS ONLY. EXISTING BRICK TO REMAIN.
- ALL WALLS TO BE PAINTED (P-1) UNLESS NOTED OTHERWISE ON ENLARGED FINISH PLANS.
- EXISTING TERRAZZO TO REMAIN.

REV NO 01, ADDENDUM NO 01 AUGUST 20, 2013

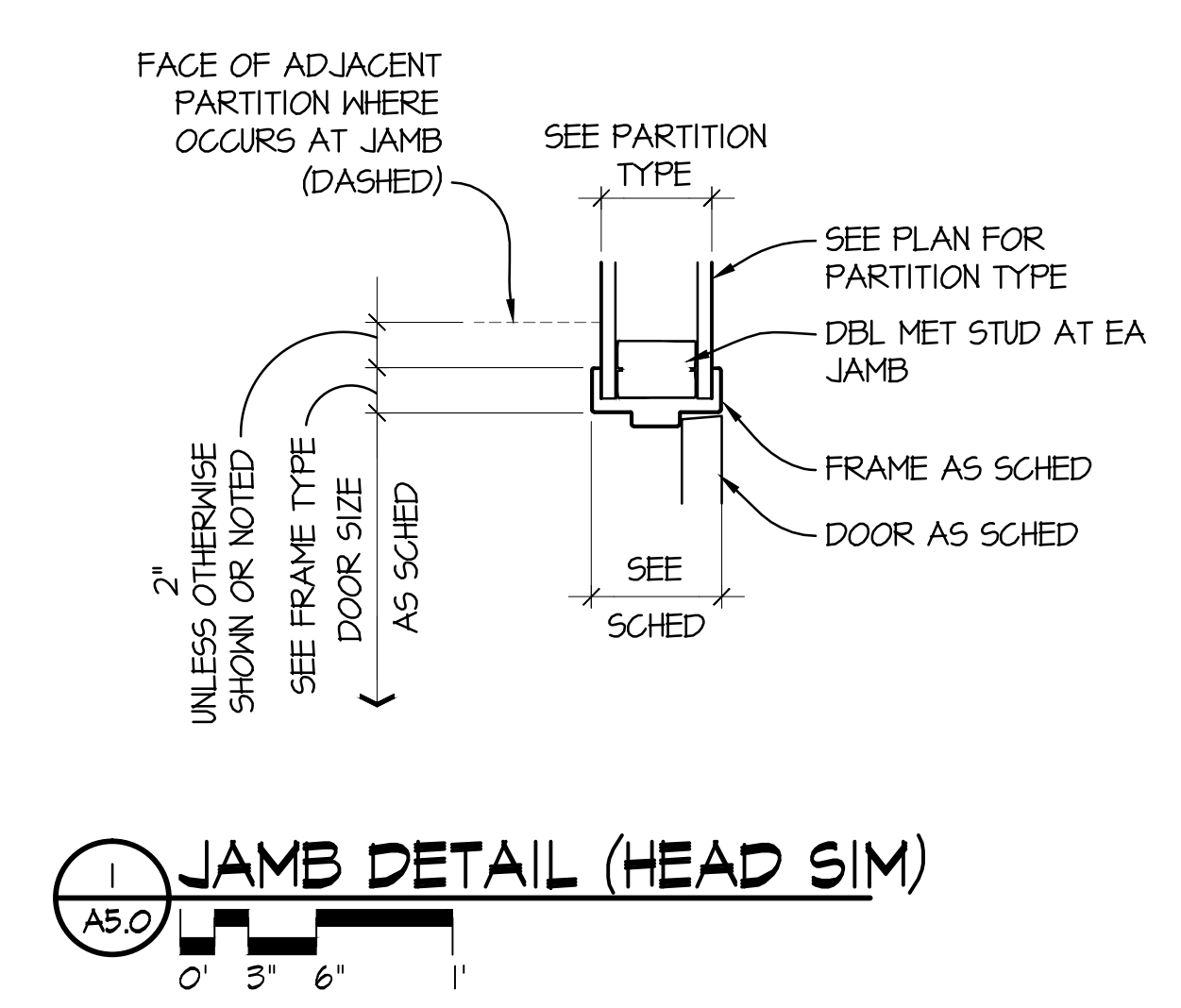
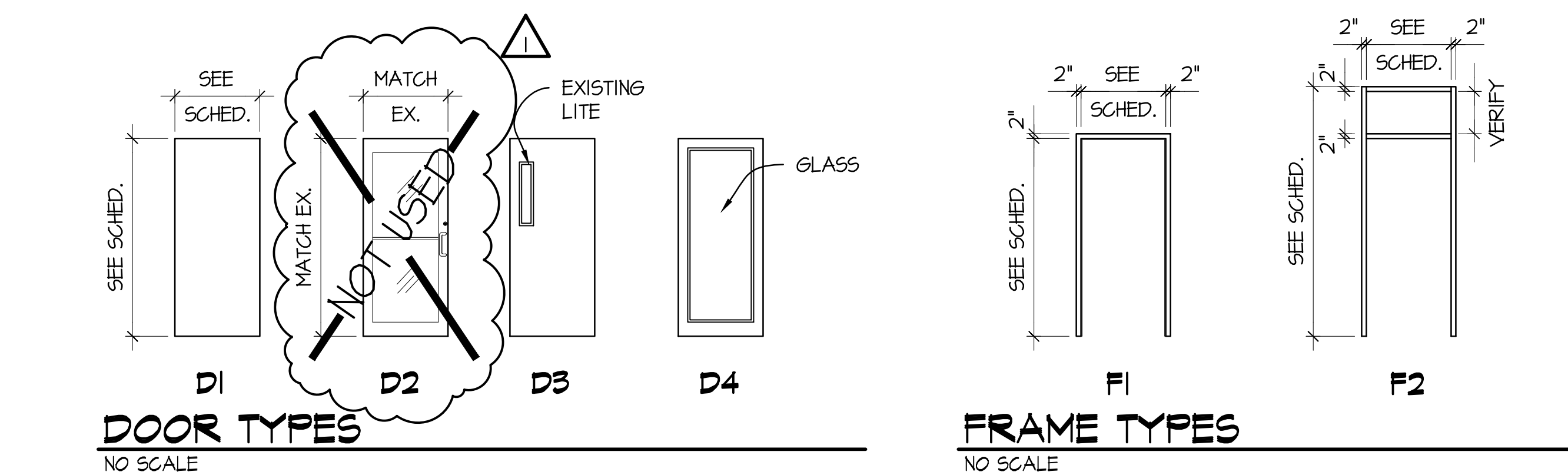
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First Floor
Selective Refurbishment**
1400 R Street
Lincoln, Nebraska

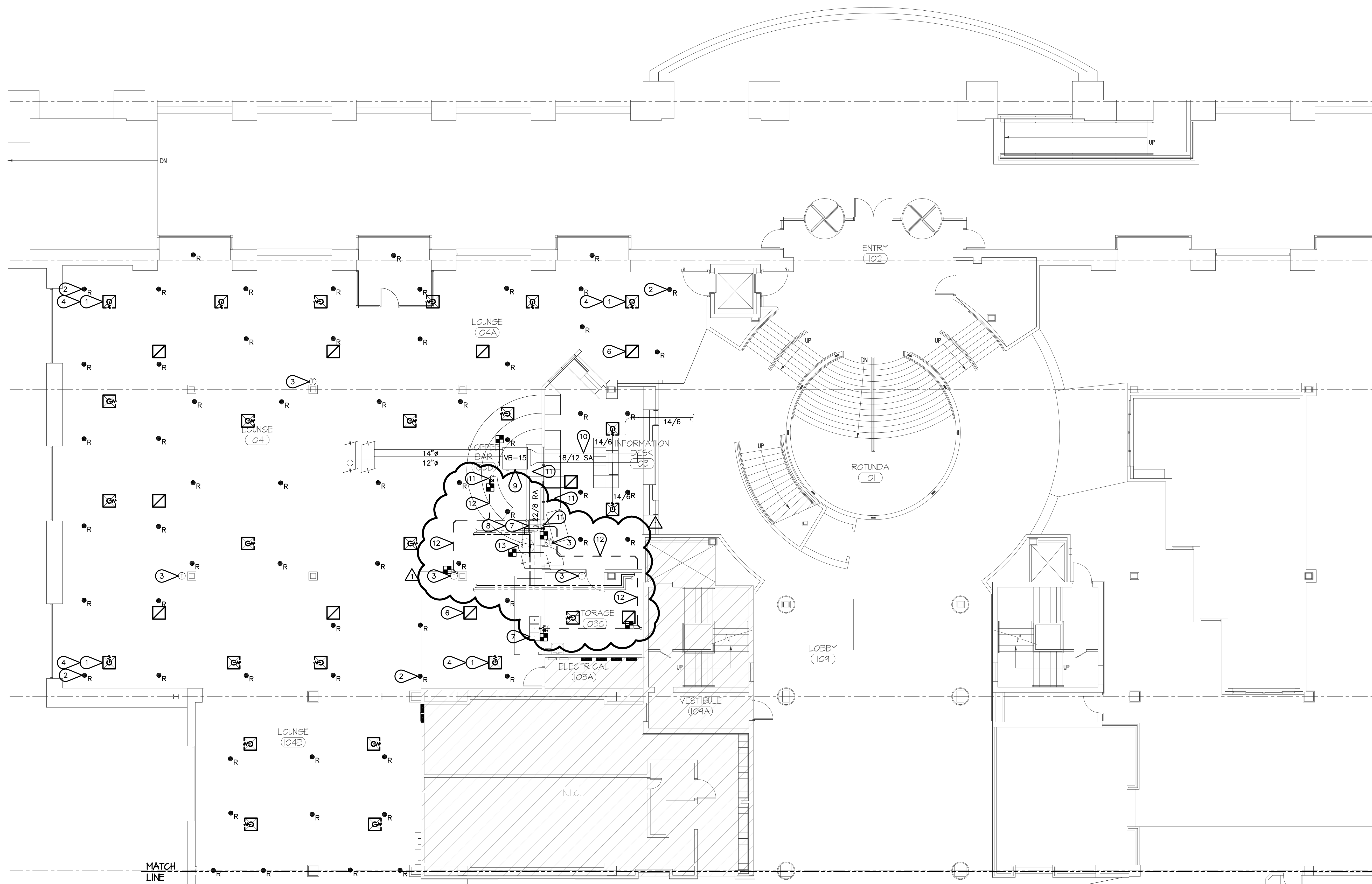
UNL PROJECT NUMBER: C026P336

**DOOR SCHEDULE,
DETAILS AND
ROOM FINISH SCHEDULE**

HOLLAND BASHAM ARCHITECTS
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STATE OF NEBRASKA
JAMES KEITH BASHAM
REGISTERED ARCHITECT
PROJECT: 13037
DATE: 02 AUGUST 2013
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SHEET **A5.0**

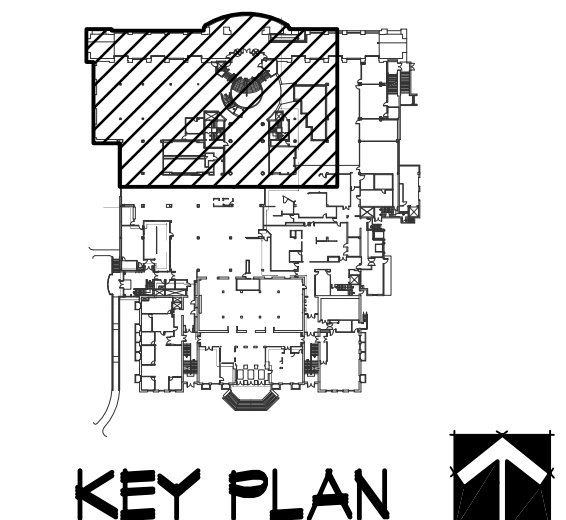




MECHANICAL DEMOLITION PLAN - NORTH 
 SCALE: 1/8" INCH = 1 FOOT
 12" 0' 5' 10' 15'

MECHANICAL KEYNOTES: 

- 1 REMOVE EXISTING SUPPLY DIFFUSER, REGISTER OR GRILLE, TYPICAL.
- 2 EXISTING FIRE PROTECTION HEAD TO REMAIN, TYPICAL.
- 3 EXISTING THERMOSTAT TO REMAIN, COORDINATE WITH UNL BSM TO ADJUST AS REQUIRED FOR NEW WALL FINISHES.
- 4 EXISTING DIFFUSER WITH FLEX CONNECTION, TYPICAL.
- 5 EXISTING DIFFUSER WITH HARD DUCT CONNECTION, TYPICAL.
- 6 ALL EXISTING RETURNS ARE HARD CONNECTED, TYPICAL.
- 7 DEMOLISH EXISTING SINK AND ASSOCIATED CW, HW AND SANITARY.
- 8 REMOVE BOOSTER HEATER UNDER EXISTING SINK.
- 9 RELOCATE DUAL DUCT VAV BOX.
- 10 DEMOLISH SUPPLY DUCT AFTER DUAL DUCT VAV BOX.
- 11 REMOVE EXISTING HW, CW AND SANITARY SERVING VENDING EQUIPMENT. CAP EXISTING THAT IS NOT USED. SEE SHEET M1.1.
- 12 DEMOLISH ALL EXISTING WASTE SERVING EXISTING PLUMBING FIXTURES IN THE COFFEE BAR.
- 13 EXISTING WATER HEATER IN MECHANICAL ROOM AT LOWER LEVEL TO REMAIN.



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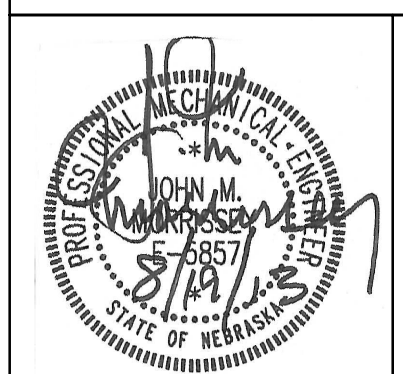
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First Floor
Selective Refurbishment
 1400 R Street
 Lincoln, Nebraska

UNL PROJECT NUMBER: C026P336

MECHANICAL DEMOLITION PLAN - NORTH

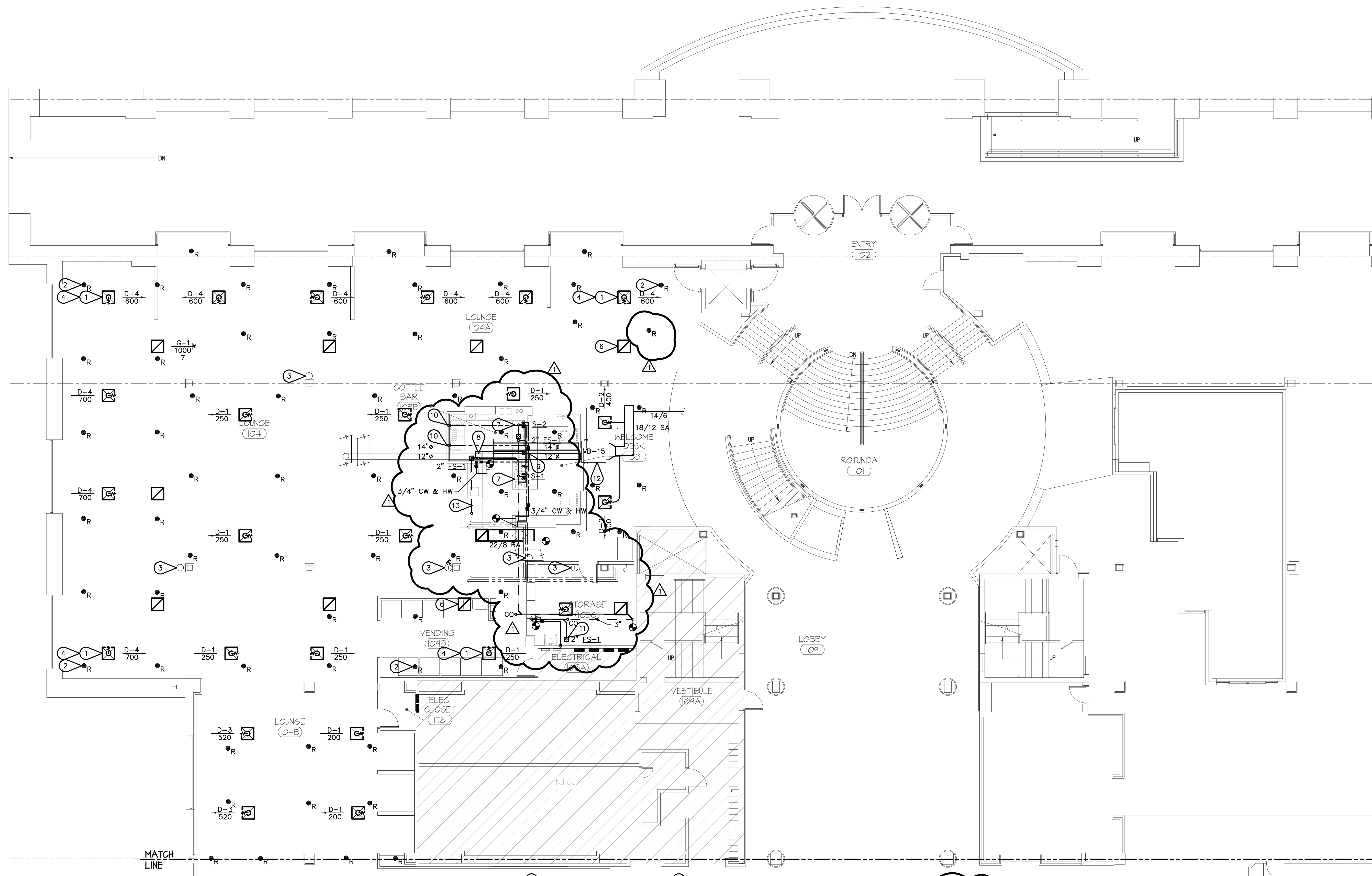
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HOLLAND BASHAM ARCHITECTS
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MD1.1
 SHEET

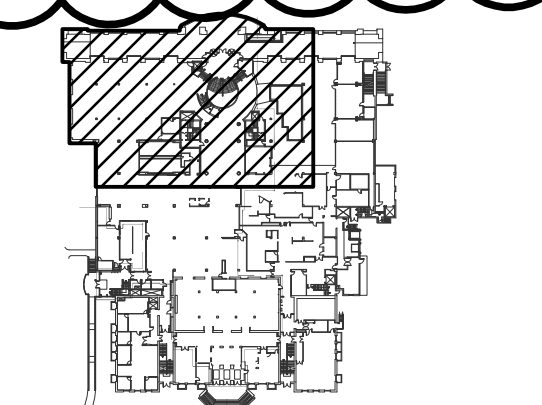


MECHANICAL KEYNOTES: ()

- 1 NEW SUPPLY DIFFUSER, REGISTER OR RETURN GRILLE, TYPICAL.
- 2 EXISTING FIRE PROTECTION HEAD, ADJUST AS REQUIRED TO THE CENTER OF THE CEILING PAD, TYPICAL.
- 3 EXISTING THERMOSTAT TO REMAIN, COORDINATE WITH UNL BSM TO ADJUST AS REQUIRED FOR NEW WALL FINISHES.
- 4 NEW DIFFUSER WITH FLEX CONNECTION, TYPICAL. SEE DIFFUSER SCHEDULE FOR NECK AND BRANCH SIZE. FLEX DUCT LENGTH SHALL NOT BE GREATER THAN 3 FEET.
- 5 NEW DIFFUSER WITH HARD DUCT CONNECTION, TYPICAL. SEE DIFFUSER SCHEDULE FOR NECK AND BRANCH SIZE. VERIFY EXISTING DUCT SIZE AND PROVIDE TAKEOFF OR TRANSITION AS REQUIRED. FLEX DUCT SHALL NOT EXCEED 3 FEET.
- 6 NEW RETURNS ARE HARD CONNECTED, TYPICAL.
- 7 INSTALL NEW SINK, CONNECT TO EXISTING 1/2" CW, 1/2" HW, 2" SANITARY SEWER AND 1 1/2" VENT. PROVIDE NEW REDUCED PRESSURE BACKFLOW PREVENTER FOR CW AND HW CONNECTIONS.
- 8 PROVIDE NEW ELECTRIC WATER HEATER (EWH-1), REDUCED PRESSURE BACKFLOW PREVENTER AND CONNECT TO VENDER PROVIDED EQUIPMENT WITH 1/2" HW AND ISOLATION VALVE.
- 9 PROVIDE 1/2" HW, ISOLATION VALVE AND PROVIDE UNDER SINK CONNECTION FOR SANITARY DRAIN FOR FUTURE DISHWASHER.
- 10 PROVIDE 1/2" HW CONNECTION AND ISOLATION VALVE FOR VENDER EQUIPMENT AND INSTALL OWNER PROVIDED FILTER.
- 11 CORRECT EXISTING 1/2" CW, 2" SANITARY SEWER AND 1 1/2" VENT FOR FUTURE PROVIDED ICE MACHINE. PROVIDE A ISOLATION VALVE AND A REDUCED PRESSURE BACKFLOW PREVENTER. MOUNT AT 42" AFF.
- 12 RELOCATE DUAL DUCT VAV BOX SO THAT IT IS ACCESSIBLE FROM THE NEW LAY-IN CEILING. COORDINATE RECONNECTION OF TEMPERATURE CONTROLS WITH UNL BSM.
- 13 ROUTE 1 1/2" SANITARY DRAIN FROM VENDER EQUIPMENT TO FLOOR SINK. COORDINATE WITH VENDER PROVIDED EQUIPMENT.
- 14 ROUTE NEW 2" VENT IN WALL ABOVE THE FLOOD RIM AND DOWN TO 3" COMBINATION WASTE AND VENT FOR ALL NEW FIXTURES. SEE DETAIL 4 SHEET M5.1.

GENERAL NOTES

- A. ALL PLUMBING SHOWN IS BELOW FLOOR EXCEPT 2" SANITARY FROM VENDER EQUIPMENT TO FLOOR SINK.
- B. COORDINATE WITH UNL FOR ACCESS TO PLUMBING IN CEILING PLENUM OF LOWER LEVEL.
- C. CORE DRILL THROUGH FLOOR FOR NEW PLUMBING TO SINKS AND VENDER PROVIDED EQUIPMENT AS REQUIRED.
- D. COORDINATE ALL SHUT DOWNS WITH UNL BSM. FIRE ALARM SHUT DOWNS ARE TO BE COORDINATED WITH UNL BSM AND GENERAL CONTRACTOR IS RESPONSIBLE TO PAY UNL BSM \$150 FOR EACH SHUTDOWN.



KEY PLAN

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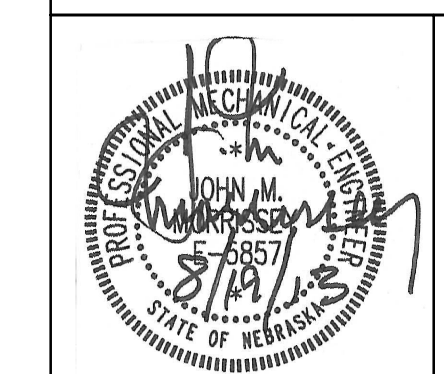
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Lincoln, Nebraska

UNL PROJECT NUMBER: C026P336

MECHANICAL PLAN - NORTH

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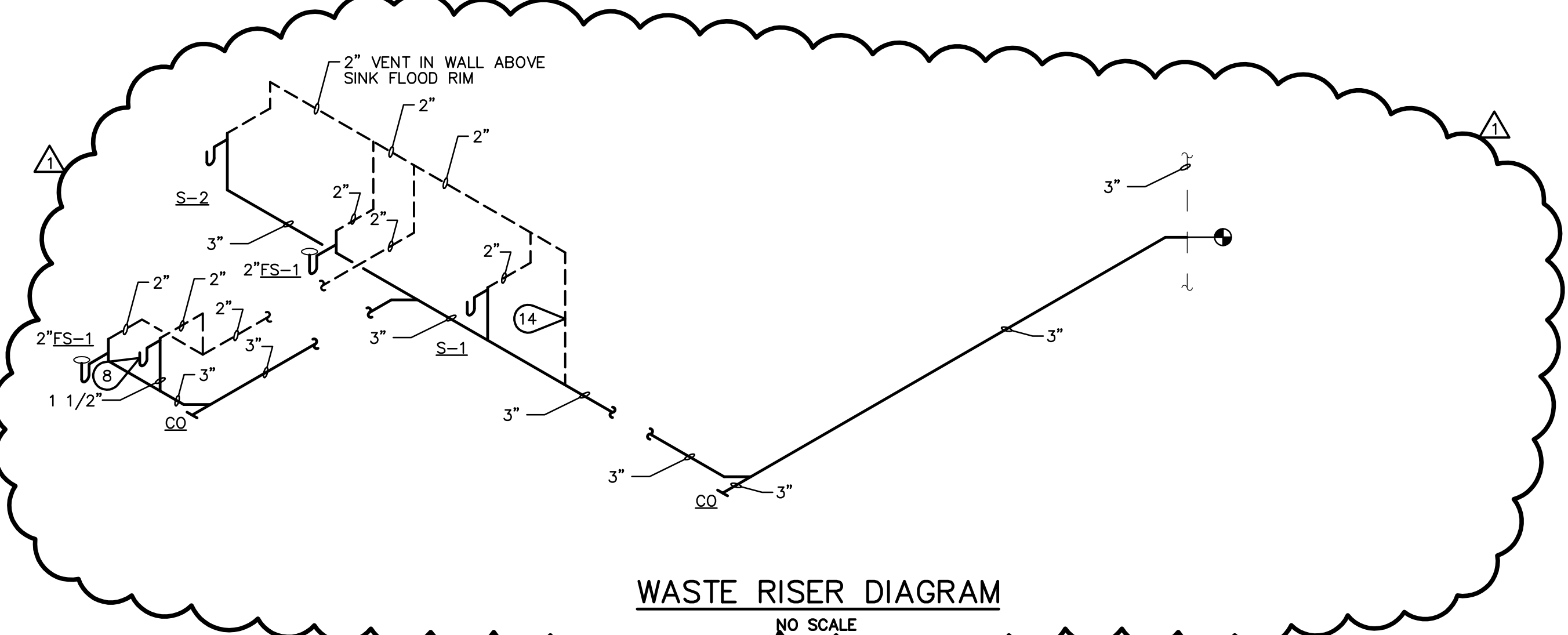
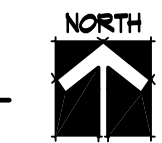


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DATE: 02 AUGUST 2013

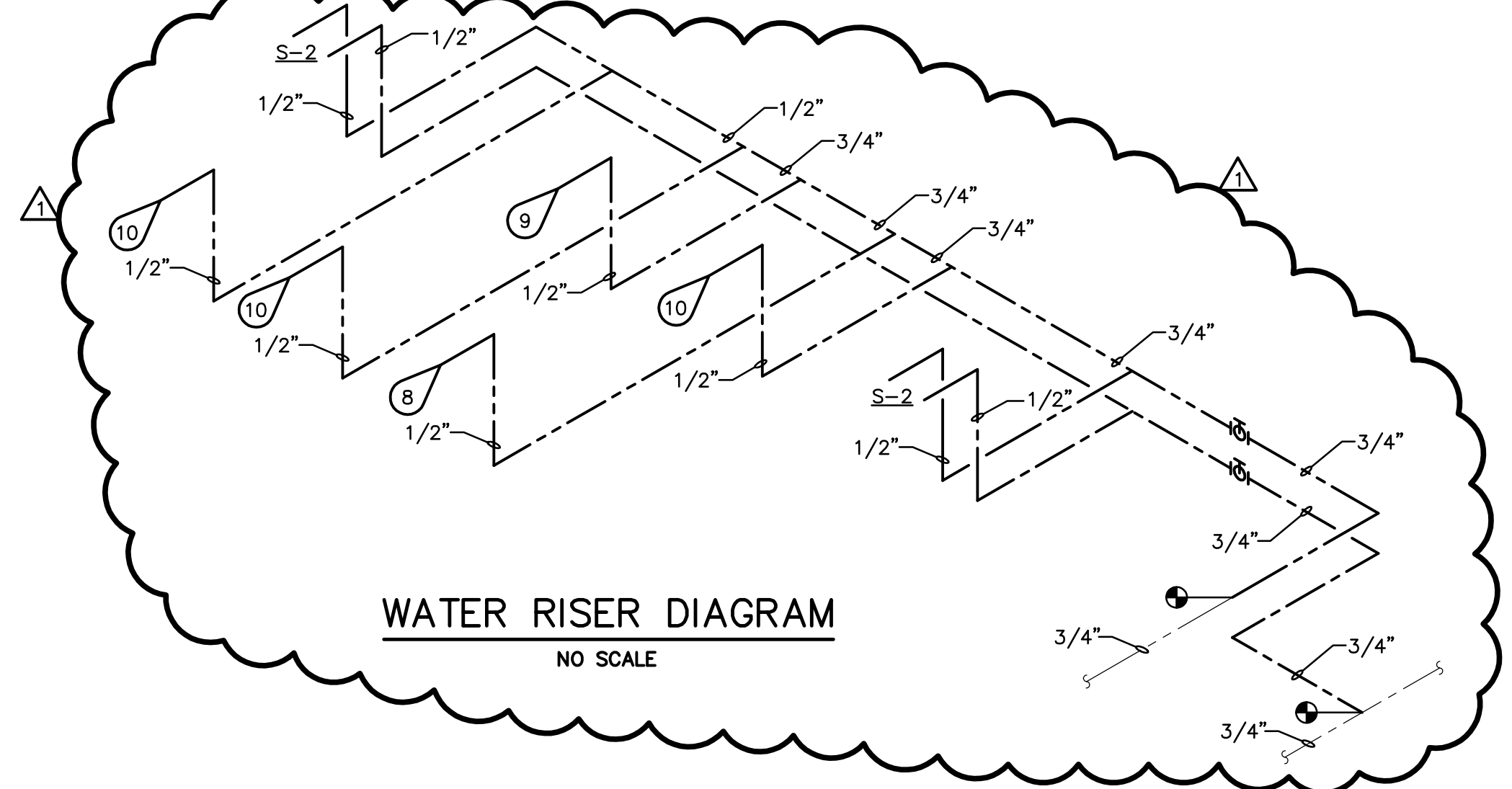
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MECHANICAL PLAN - NORTH

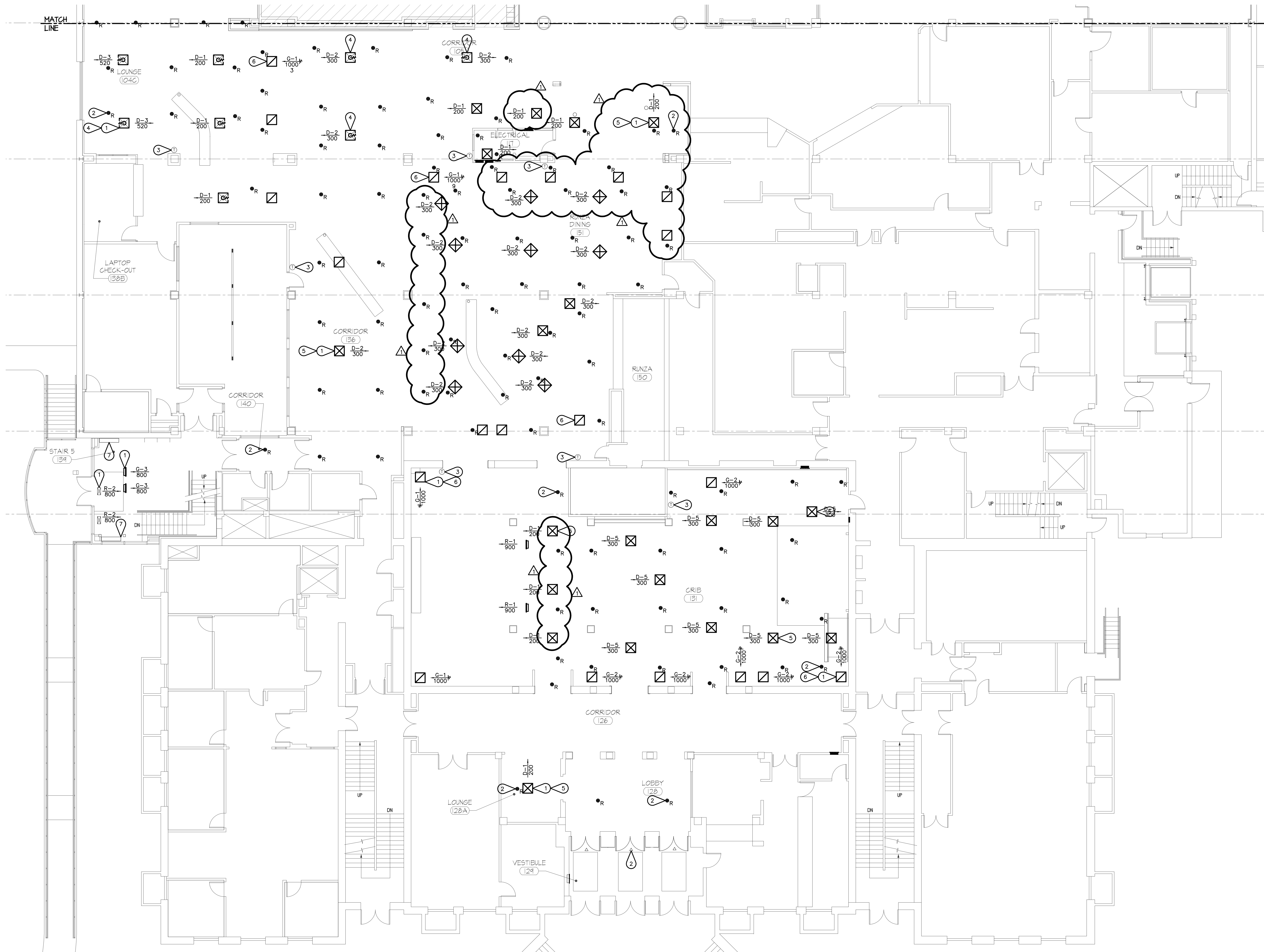
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12" 0 5' 10' 15'



WASTE RISER DIAGRAM
NO SCALE



WATER RISER DIAGRAM
NO SCALE



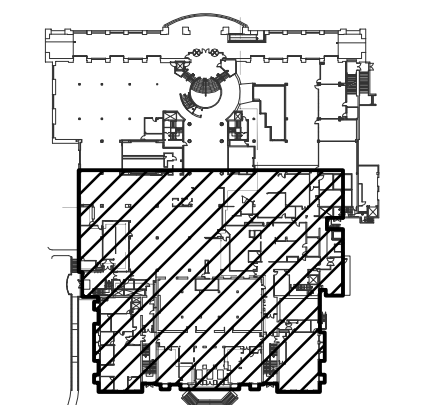
MECHANICAL PLAN - SOUTH

SCALE: 1/8" INCH = 1 FOOT
 12" 0' 5' 10' 15'



MECHANICAL KEYNOTES:

- 1 NEW SUPPLY DIFFUSER, REGISTER OR RETURN GRILLE, TYPICAL.
- 2 EXISTING FIRE PROTECTION HEAD, ADJUST AS REQUIRED TO THE CENTER OF THE CEILING PAD, TYPICAL.
- 3 EXISTING THERMOSTAT TO REMAIN, COORDINATE WITH UNL BSM TO ADJUST AS REQUIRED FOR NEW WALL FINISHES.
- 4 NEW DIFFUSER WITH FLEX CONNECTION, TYPICAL. SEE DIFFUSER SCHEDULE FOR NECK AND BRANCH SIZE. FLEX DUCT LENGTH SHALL NOT BE GREATER THAN 3 FEET.
- 5 NEW DIFFUSER WITH HARD DUCT CONNECTION, TYPICAL. SEE DIFFUSER SCHEDULE FOR NECK AND BRANCH SIZE. VERIFY EXISTING DUCT SIZE AND PROVIDE TAKEOFF OR TRANSITION AS REQUIRED. FLEX DUCT SHALL NOT EXCEED 3 FEET.
- 6 NEW RETURNS ARE HARD CONNECTED, TYPICAL.
- 7 EXISTING CABINET FAN COILS TO REMAIN.



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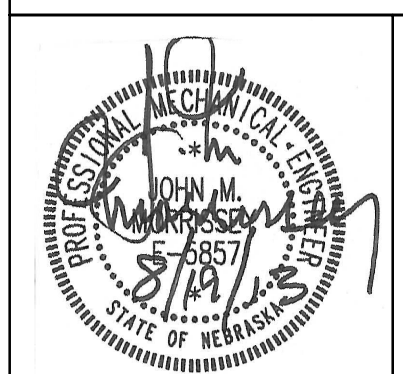
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MECHANICAL PLAN - SOUTH

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PROJECT: 13037
 DATE: 02 AUGUST 2013

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SHEET **M1.2**



COMcheck Software Version 3.9.2
Interior Lighting Compliance
Certificate

2009 IECC

Section 1: Project Information

Project Type: Alteration
Project Title: Nebraska Union First Floor Refurbishment
Construciton Site: 1400 R Street
Lincoln, NE

Owner/Agent:
Toby Samuelsen
Farris Engineering
12700 W Dodge Road
Omaha, NE 68154

Section 2: Interior Lighting and Power Calculation

| A | B | C | D |
|---------------------------|-------------------------------|---------------------------------|-----------------------|
| Area Category | Floor Area (ft ²) | Allowed Watts / ft ² | Allowed Watts (B x C) |
| Union (School/University) | 22715 | 1.2 | 27258 |
| | | Total Allowed Watts = | 27258 |

Section 3: Interior Lighting Fixture Schedule

| A | B | C | D | E |
|---|-----------------|---------------|---------------|---------|
| Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast | Lamps / Fixture | # of Fixtures | Fixture Watt. | (C x D) |
| Union (School/University) 22715 sq ft | | | | |
| Linear Fluorescent 1: A: FLUORESCENT WARP: 48" T8 25W (Super T8): Electronic: | 2 | 1 | 63 | 63 |
| Linear Fluorescent 2: B: FLUORESCENT SCORCE: 48" T8 25W (Super T8): Electronic: | 1 | 2 | 35 | 70 |
| Linear Fluorescent 3: C: 14" DOWNLIGHT: Other: Electronic: | 1 | 19 | 45 | 855 |
| LED 1: CA: 5" LED DOWNLIGHT: LED Other Fixture Unit 25W: | 1 | 18 | 25 | 450 |
| Compact Fluorescent 1: DA: 6" DOWNLIGHT: Triple 4-pin 32W: Electronic: | 1 | 51 | 37 | 1887 |
| Compact Fluorescent 2: DB: 6" DOWNLIGHT: Triple 4-pin 32W: Electronic: | 2 | 60 | 74 | 4440 |
| LED 2: DC: 6" DOWNLIGHT: LED PAR 20W: | 1 | 5 | 25 | 125 |
| LED 3: DD: 6" DOWNLIGHT: LED PAR 20W: | 1 | 6 | 25 | 150 |
| LED 2: DE: LED DOWNLIGHT: LED PAR 15W: | 1 | 1 | 15 | 15 |
| LED 4: DH: 2.5" DOWNLIGHT: LED PAR 15W: | 1 | 3 | 14 | 42 |
| Linear Fluorescent 4: F4: 4" LINEAR: 48" T8 25W (Super T8): Electronic: | 2 | 18 | 34 | 612 |
| Linear Fluorescent 5: F4B: 4" LINEAR: 48" T8 25W (Super T8): Electronic: | 3 | 29 | 81 | 2349 |
| Linear Fluorescent 6: G11: 11" WALLSLOT: 48" T8 HO 54W: Electronic: | 3 | 1 | 170 | 170 |
| Linear Fluorescent 7: G23: 23" WALLSLOT: 48" T8 HO 54W: Electronic: | 6 | 1 | 355 | 355 |
| LED 5: L2: 2" LINEAR LED: LED Linear 33W: | 1 | 1 | 22 | 22 |
| LED 6: L3: 3" LINEAR LED: LED Linear 33W: | 1 | 2 | 33 | 66 |
| LED 7: LA2: 2" LINEAR LED: LED Linear 22W: | 1 | 1 | 22 | 22 |
| LED 8: LA3: 3" LINEAR LED: LED Linear 33W: | 1 | 2 | 33 | 66 |
| LED 9: MA1: DOWNLIGHT: LED PAR 20W: | 2 | 11 | 40 | 440 |
| LED 10: MA2: DOWNLIGHT: LED PAR 20W: | 2 | 7 | 40 | 280 |
| LED 11: MB1: PENDANT: LED PAR 20W: | 2 | 9 | 40 | 360 |
| LED 12: MB2: PENDANT: LED PAR 20W: | 2 | 7 | 40 | 280 |
| LED 13: MC: PENDANT: LED PAR 20W: | 4 | 1 | 80 | 80 |
| LED 14: PA4: 48" RING PENDANT: LED Other Fixture Unit 60W: | 1 | 2 | 60 | 120 |
| LED 15: PB2: 24" RING PENDANT: LED Other Fixture Unit 60W: | 1 | 6 | 72 | 432 |
| LED 16: PB4: 48" RING PENDANT: LED Other Fixture Unit 60W: | 1 | 1 | 60 | 60 |

Project Title: Nebraska Union First Floor Refurbishment
Data filename: G:\2013\132065\Support Documents\Calculations\Electrical\COMcheck\UNION.cck
Report date: 08/02/13
Page 1 of 3

| | | | | |
|---|---|------------------------|-------|------|
| LED 17: PB5: 60" RING PENDANT: LED Other Fixture Unit 60W: | 1 | 2 | 60 | 120 |
| LED 18: Q: LED TAPE: LED Undercabinet Unit 4W: | 1 | 37 | 4 | 148 |
| LED 19: QA: LED TAPE: LED Undercabinet Unit 4W: | 1 | 46 | 4 | 184 |
| LED 20: R: LED STACK LIGHT: LED Other Fixture Unit 60W: | 1 | 1 | 90 | 90 |
| Linear Fluorescent 8: S: STAGGERED STRIP: 48" T8 25W (Super T8): Electronic: | 2 | 12 | 34 | 408 |
| Linear Fluorescent 9: SA: STAGGERED STRIP: 48" T8 25W (Super T8): Electronic: | 2 | 20 | 63 | 1260 |
| Linear Fluorescent 10: SB: STAGGERED STRIP: 48" T8 HO 54W: Electronic: | 1 | 18 | 62 | 1116 |
| Linear Fluorescent 11: EXISTING EXISTING DOWNLIGHT: Triple 4-pin 32W: Electronic: | 2 | 12 | 59 | 708 |
| Compact Fluorescent 3: EXISTING EXISTING DOWNLIGHT: Triple 4-pin 32W: Electronic: | 2 | 8 | 74 | 592 |
| Linear Fluorescent 12: EXISTING EXISTING STRIPLIGHT: 48" T8 32W: Electronic: | 2 | 87 | 59 | 5133 |
| | | Total Proposed Watts = | 24794 | |

Section 4: Requirements Checklist

Interior Lighting PASSES

Lighting Wattage:

1. Total proposed watts must be less than or equal to total allowed watts.

| Allowed Watts | Proposed Watts | Complies |
|---------------|----------------|----------|
| 27258 | 24794 | Passes |

Controls, Switching, and Wiring:

2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.

3. Daylight zones have individual lighting controls independent from that of the general area lighting.

Exceptions:

- Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.
Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.

4. Independent controls for each space (switch/occupancy sensor).

Exceptions:

- Areas designated as security or emergency areas that must be continuously illuminated.

- Lighting in stairways or corridors that are elements of the means of egress.

- Master switch at entry to hotel/motel guest room.

5. Individual dwelling units separately metered.

6. Medical task lighting or ambulatory display lighting claimed to be exempt from compliance has a control device independent of the control of the recessed lighting.

7. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

Exceptions:

- Only one luminaire in space.

- An occupant-sensing device controls the area.

- The area is a corridor, storeroom, restroom, public lobby or sleeping unit.

- Areas that use less than 0.6 Watts/sq. ft.

8. Automatic lighting shutoff control in buildings larger than 5,000 sq. ft.

Exceptions:

- Sleeping units, patient care areas, and spaces where automatic shutoff would endanger safety or security.

9. Photocell/retrosensory time switch on exterior lights.

Exceptions:

- Lighting intended for 24 hour use.

11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

Exceptions:

- Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting alteration project represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting alteration project has been designed to meet the 2009 IECC, Chapter 6, requirements in COMcheck Version 3.9.2 and to comply with the regulatory requirements in the Requirements Checklist.

Toby Samuelsen - Lighting Designer
Name: Toby Samuelsen
Signature: [Signature]
Date: 8-2-13

Project Title: Nebraska Union First Floor Refurbishment
Data filename: G:\2013\132065\Support Documents\Calculations\Electrical\COMcheck\UNION.cck
Report date: 08/02/13
Page 2 of 3

ELECTRICAL SYMBOLS LEGEND
(AS APPLICABLE)

| SWITCHING | | | |
|-----------|--|--------|------------------------------------|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| \$ | SINGLE POLE SWITCH | \$ K | KEY OPERATED SWITCH |
| \$ 2 | DOUBLE POLE SWITCH | \$ OS | OCCUPANCY SENSOR - WALL SWITCH |
| \$ 3 | THREE-WAY SWITCH | \$ OS | OCCUPANCY SENSOR - CEILING MOUNTED |
| \$ 4 | FOUR-WAY SWITCH | \$ OS | OCCUPANCY SENSOR - WALL MOUNTED |
| \$ D | DIMMER SWITCH | | |
| H | LOW VOLTAGE SWITCH - NUMBER INDICATES TYPE | | |

| LIGHTING | | | |
|----------|---|--------|---|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| ○ | FLUORESCENT LUMINAIRE | ○ | WALL MOUNTED LUMINAIRE |
| ○ | FLUORESCENT LUMINAIRE - LAMPS SWITCHED SEPARATE | ○ | WALL MOUNTED LUMINAIRE - EMERGENCY |
| ○ | FLUORESCENT LUMINAIRE - EMERGENCY | ○ | EXIT SIGN |
| ○ | FLUORESCENT WALL MOUNTED LUMINAIRE | ○ | FLOOD LIGHT LUMINAIRE |
| ○ | FLUORESCENT WALL MOUNTED LUMINAIRE - EMERGENCY | ○ | EMERGENCY BATTERY PACK |
| ○ | FLUORESCENT STRIP LUMINAIRE | ○ | EMERGENCY LUMINAIRE REMOTE HEADS |
| ○ | FLUORESCENT STRIP LUMINAIRE - EMERGENCY | ○ | COMBINATION EXIT SIGN/EMERGENCY LIGHTING UNIT |
| ○ | LUMINAIRE | ○ | TRACK LUMINAIRE |
| ○ | LUMINAIRE - EMERGENCY | | |

| POWER DEVICES | | | |
|---------------|---|--------|---------------------------------|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| ○ | SINGLE RECEPTACLE | ○ | LIGHTING & APPLIANCE PANELBOARD |
| ○ | DUPLEX RECEPTACLE | ○ | POWER DISTRIBUTION EQUIPMENT |
| ○ | FOUR-PLEX RECEPTACLE - TWO DUPLEX RECEPTACLES | ○ | SAFETY SWITCH |
| ○ | SPECIAL RECEPTACLE | ○ | MOTOR |
| ○ | DUPLEX RECEPTACLE - GROUND-FAULT CIRCUIT-INTERRUPTER | ○ | MULTI-OUTLET ASSEMBLY |
| ○ | DUPLEX RECEPTACLE - HORIZONTAL MOUNTED | ○ | FLUSH FLOOR BOX |
| ○ | DUPLEX RECEPTACLE - MOUNTED BELOW COUNTER (BELOW FURNITURE) | ○ | FLUSH POKE-THRU |
| ○ | DUPLEX RECEPTACLE - CEILING MOUNTED | ○ | JUNCTION BOX |

| RACEWAYS | | | |
|----------|-----------------------------|--------|--------------|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| ○ | HOME RUN TO PANEL | ○ | CONDUIT UP |
| ○ | UNSWITCHED LIGHTING CIRCUIT | ○ | CONDUIT DOWN |
| ○ | EMERGENCY CIRCUIT | | |

| MISCELLANEOUS | | | |
|---------------|------------------|--------|-------------------------------|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| ○ | DETAIL REFERENCE | ○ | SECURITY CAMERA |
| ○ | FACP | ○ | OVERHEAD DOOR CONTROL STATION |
| ○ | FAAP | ○ | FIRE ALARM ANNUNCIATOR PANEL |
| ○ | E | ○ | EXISTING DEVICE |
| ○ | PART. CCT. | ○ | PARTIAL CIRCUIT |

| COMMUNICATIONS | | | |
|----------------|---|--------|--|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| ○ | TELEPHONE OUTLET - WALL MOUNTED | ○ | CLOCK HANGER OUTLET |
| ○ | TELEPHONE OUTLET BOX | ○ | CLOCK - WALL MOUNTED |
| ○ | DATA OUTLET BOX | ○ | T.V. ANTENNA OUTLET |
| ○ | PHONE OUTLET BOX - CEILING MOUNTED | ○ | INTERCOMPAGING SPEAKER - CEILING MOUNTED |
| ○ | DATA OUTLET BOX - CEILING MOUNTED | ○ | INTERCOMPAGING SPEAKER - WALL MOUNTED |
| ○ | DATA OUTLET BOX - BLANK PLATE, 1" CONDUIT | | |

| FIRE ALARM | | | |
|------------|---------------------------|--------|--|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| ○ | SMOKE DETECTOR | ○ | FIRE ALARM SPEAKER - WALL MOUNTED |
| ○ | MAGNETIC DOOR HOLDER | ○ | FIRE ALARM VISUAL SIGNAL - WALL MOUNTED |
| ○ | FIRE ALARM MANUAL STATION | ○ | FIRE ALARM COMBINATION SPEAKER/VISUAL - WALL MOUNTED |

GENERAL ELECTRICAL NOTES

- ALL WIRING SHALL BE INSTALLED IN CONTINUOUS RACEWAY.
- ALL CONDUITS IN NEW WALLS, EXISTING STUD WALLS, OR IN AREAS WITH SUSPENDED CEILINGS SHALL BE INSTALLED CONCEALED.
- SURFACE METAL RACEWAY SHALL BE AVOIDED. WALL SHALL BE CUT AND PATCHED AS REQUIRED TO INSTALL NEW DEVICES. IN LOCATIONS WHERE RACEWAY CANNOT BE CONCEALED, PROVIDE SURFACE METAL RACEWAY. LOCATIONS AND ROUTING OF RACEWAY SHALL BE COORDINATED WITH ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.
- ALL EXPOSED RACEWAY IN ROOMS TO BE PAINTED SHALL BE PAINTED TO MATCH SURROUNDING SURFACE. COORDINATE FINISHES WITH ARCHITECT. ALL EXPOSED RACEWAY AND FITTINGS IN ROOMS WHICH ARE NOT TO BE PAINTED SHALL BE WIREMOLD #V500 OR #V700 OR #V2400 SERIES WITH FACTORY IVORY FINISH.
- SURFACE RACEWAY FOR TELECOMMUNICATION CABLE SHALL NOT BE SMALLER THAN WIREMOLD #V2400. ALL FITTINGS FOR TELECOMMUNICATION RACEWAYS SHALL COMPLY WITH EIA STANDARDS FOR BEND RADIUS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING, PAINTING, REPAIRING OR REPLACEMENT OF ALL WALLS, CEILINGS, OR OTHER BUILDING ELEMENTS WHICH ARE DISTURBED AS PART OF THE DEMOLITION OR INSTALLATION OF ELECTRICAL WORK.
- CONTRACTOR SHALL COORDINATE LOCATION OF LUMINAIRES, SPEAKERS, ETC. WITH FIRE RATED CEILINGS AND WALLS AND PROVIDE ENCLOSURES AS REQUIRED TO MAINTAIN THE FIRE INTEGRITY RATING OF THE CEILING. COORDINATE EXACT LOCATIONS OF FIRE RATED CEILINGS WITH ARCHITECTURAL DRAWINGS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- MULTIWIRE BRANCH CIRCUITS AS DEFINED BY THE NATIONAL ELECTRICAL CODE (CIRCUITS WITH COMMON NEUTRAL) SHALL NOT BE USED. EXCEPTION: WHERE AN EQUIPMENT MANUFACTURER REQUIRES A MULTIWIRE BRANCH CIRCUIT FOR ONLY ONE UTILIZATION EQUIPMENT AND WHERE ALL UNGROUNDED CONDUCTORS OF THAT CIRCUIT ARE OPENED SIMULTANEOUSLY BY THE BRANCH CIRCUIT OVERCURRENT DEVICE.
- EMERGENCY LIGHTING FIXTURES WITH GENERATOR TRANSFER DEVICE (GTD) REQUIRE MULTIPLE CIRCUIT CONNECTIONS SUCH AS: NORMAL POWER UNSWITCHED, NORMAL POWER SWITCHED, AND EMERGENCY POWER UNSWITCHED. UPON NORMAL POWER FAILURE, THE GTD SHALL CONNECT THE FIXTURE TO THE UNSWITCHED EMERGENCY POWER CIRCUIT.
- WORK TO BE COMPLETED IN PHASES. REFER TO ARCHITECTURAL PLANS FOR PHASING. PROVIDE TEMPORARY EXIT AND EMERGENCY LIGHTING AS REQUIRED THROUGHOUT PHASES.
- SOME AREAS ABOVE EXISTING CEILINGS CONTAIN ASBESTOS - REFER TO RECENT ASBESTOS STUDY COMPLETED BY UNL. AREAS CONTAINING ASBESTOS SHALL BE AVOIDED; ASBESTOS ABATEMENT IS OUTSIDE THE SCOPE OF THIS PROJECT. ALL NEW WORK SHOULD AVOID ASBESTOS CONTACT. CONTRACTOR SHALL RE-USE EXISTING CONDUIT, WIRING, SUPPORTS, ETC. AS APPLICABLE. IF ASBESTOS IS ENCOUNTERED AS PART OF NEW WORK INDICATED ON DRAWINGS, CONTRACTOR SHALL NOTIFY UNL PROJECT MANAGER AND ARCHITECT.
- ALL WALLS IN SCOPE OF WORK AREA ARE TO RECEIVE NEW PAINT OR WALL COVERING. REMOVE EXISTING REMAINING ELECTRICAL DEVICE COVERPLATES AND REINSTALL AFTER NEW WORK IS COMPLETED.
- REFER TO SPECIFICATION SECTION 01 22 00 FOR UNIT PRICE REQUIREMENTS.
- ALL FLUORESCENT LUMINAIRES (LINEAR AND COMPACT) SHALL BE WIRED WITH QUICK PLUG-TYPE DISCONNECTS IN LIEU OF WIRENUT CONNECTIONS.
- PROVIDE SELF ADHESIVE LABEL ON CEILING GRID NEXT TO ALL EMERGENCY LUMINAIRES CONNECTED TO THE GENERATOR. LABEL SHALL HAVE CLEAR/TRANSPARENT FIELD WITH BLACK LETTERS READING "EMERGENCY".

GENERAL ELECTRICAL DEMOLITION NOTES

- THE CONTRACTOR SHALL COMPLETELY REMOVE ALL ELECTRICAL WIRING, CONDUIT, SWITCHES, DISCONNECTS, LUMINAIRES, AND OTHER ASSOCIATED ITEMS AS SHOWN CROSSHATCHED. THE ITEMS INDICATED SPECIFICALLY ON THE DRAWINGS TO BE REMOVED ARE ONLY TO INDICATE IN GENERAL TO THE CONTRACTOR THE AMOUNT OF DEMOLITION WORK INVOLVED. A SITE INVESTIGATION BY THE CONTRACTOR SHOULD BE PERFORMED TO AID IN DETERMINING THE COMPLETE EXTENT OF WORK INVOLVED.
- THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL NECESSARY POWER OUTAGES WITH THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH SUCH WORK TO INSURE THAT OPERATIONS IN ADJACENT OCCUPIED PORTIONS OF THE BUILDING ARE NOT INTERRUPTED OR RESTRICTED WITHOUT PRIOR APPROVAL.
- ALL EXISTING BRANCH CIRCUITS BEING REMOVED SHALL BE REMOVED AS COMPLETELY AS POSSIBLE. EXISTING CONDUCTORS SHALL BE REMOVED COMPLETELY FROM THEIR RACEWAYS, DISPOSED OF AS SCRAP, REMOVED FROM SITE AND NOT REUSED EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. WHERE AN EXISTING DEVICE IS SHOWN REMOVED FROM AN EXISTING CIRCUIT, NEW WIRING SHALL BE PROVIDED AS REQUIRED TO INSURE CONTINUITY OF EXISTING CIRCUIT. ELECTRICAL RACEWAYS WHERE STUBBED FROM A CONCRETE FLOOR OR WALL SHALL BE CHISELED 2 INCHES BELOW SURFACE, GROUTED AND SCREED.
- ALL EXISTING LUMINAIRES, LAMPS, AND ELECTRICAL EQUIPMENT SHOWN TO BE REMOVED SHALL BE REMOVED BY THE CONTRACTOR. EXISTING LUMINAIRES AND EQUIPMENT CONSIDERED SALVAGEABLE BY THE OWNER AND NOT SHOWN TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER OR REMOVED FROM SITE AS DIRECTED BY OWNER. LAMPS AND BALLASTS THAT ARE CONSIDERED AS HAZARDOUS WASTE SHALL BE DISPOSED OF PROPERLY.
- WHERE A LOW VOLTAGE DEVICE (DATA OUTLET, TELEPHONE OUTLET, T.V. ANTENNA OUTLET, CLOCK, INTERCOM SPEAKER, FIRE ALARM, ETC.) IS BEING REMOVED, ALL ASSOCIATED EXISTING WIRING SHALL BE REMOVED AS COMPLETELY AS POSSIBLE. EXISTING WIRING SHALL BE REMOVED COMPLETELY FROM THEIR RACEWAYS (IF APPLICABLE) OR FROM ABOVE CEILING, DISPOSED OF AS SCRAP, REMOVED FROM SITE AND NOT REUSED EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.
- ALL EXISTING SURFACE MOUNTED BACKBOXES, CONDUIT, WIREWAY, JUNCTION BOXES, ETC. SHOWN REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. CUT/PATCH WALLS AS REQUIRED TO REMOVE ALL RECESSED BACKBOXES AND JUNCTION BOXES SHOWN REMOVED AND PREP WALL FOR NEW PAINT OR WALL COVERING. ALL RECESSED CONDUIT SHALL BE ABANDONED IN PLACE AND CAPPED OFF IN A SUITABLE MANNER PER LOCAL INSPECTORS REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING, PAINTING, REPAIRING OR REPLACEMENT OF ALL WALL, CEILING, OR OTHER BUILDING ELEMENTS WHICH ARE DISTURBED AS PART OF THE DEMOLITION OR INSTALLATION OF ELECTRICAL WORK.
- REMOVE ELECTRICAL CONNECTIONS TO ALL MECHANICAL EQUIPMENT BEING REMOVED BY DIVISION 23. COORDINATE EQUIPMENT REMOVAL LOCATIONS WITH MECHANICAL DRAWINGS.
- COORDINATE EXISTING BOXES, CONDUIT, SUPPORTS, WIRING, ETC. WHICH ARE TO BE REUSED WITH NEW WORK AS INDICATED ON LIGHTING AND POWER DRAWINGS.

ALL WORK SHOWN IN CORRIDOR 126, LOBBY 128, LOUNGE 128A, AND VESTIBULE 129 TO BE COMPLETED UNDER SEPARATE PROJECT. WORK INDICATED IN THESE AREAS SHALL NOT BE INCLUDED IN THE BIDS FOR THIS PROJECT. RELOCATING THE THREE HISTORIC CHANDELIERS FROM CRIB 131 TO LOBBY 128 (BASE BID) AND TO VESTIBULE 129 (ALTERNATE BID #3) SHALL REMAIN PART OF THIS PROJECT CONTRACT. REVISE ALTERNATE BID #4 TO DELETE SOUTH CORRIDOR.

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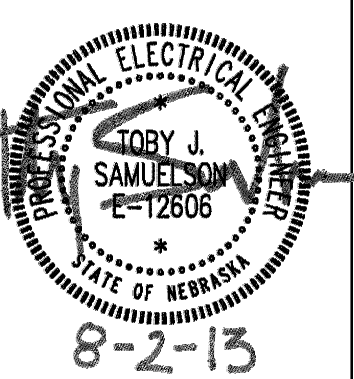
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First Floor
Selective Refurbishment
1400 R Street
Lincoln, Nebraska

UNL PROJECT NUMBER: C026P336

GENERAL ELECTRICAL
NOTES & SYMBOLS
LEGEND

ADDENDUM 001 - 14 AUGUST 2013

HOLLAND BASHAM ARCHITECTS
H B A
119 SOUTH 49th AVENUE
OMAHA, NEBRASKA 68132
(402) 551-0800



PROJECT: 13037
DATE: 02 AUGUST 2013

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EG.1

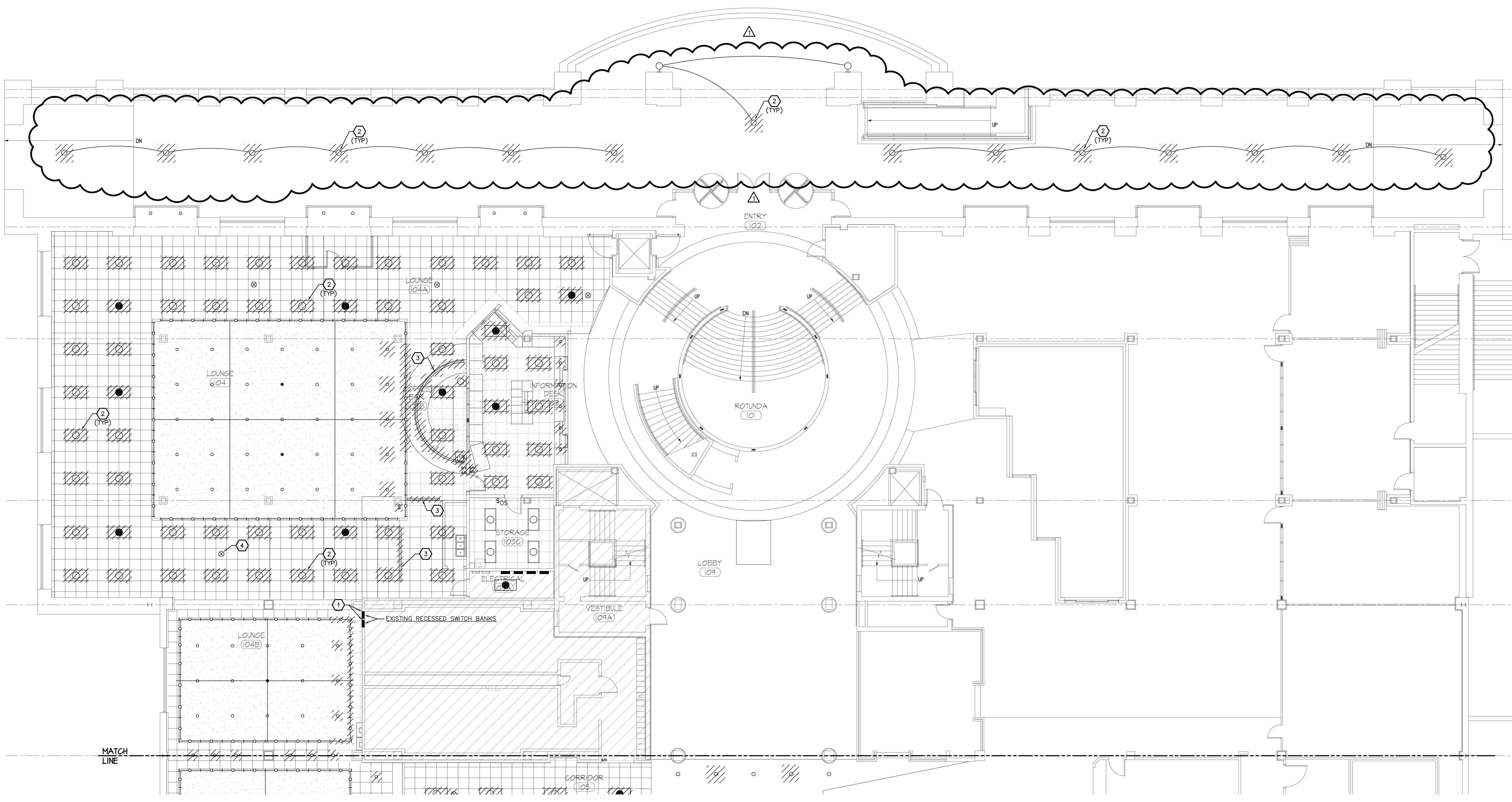
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SHEET

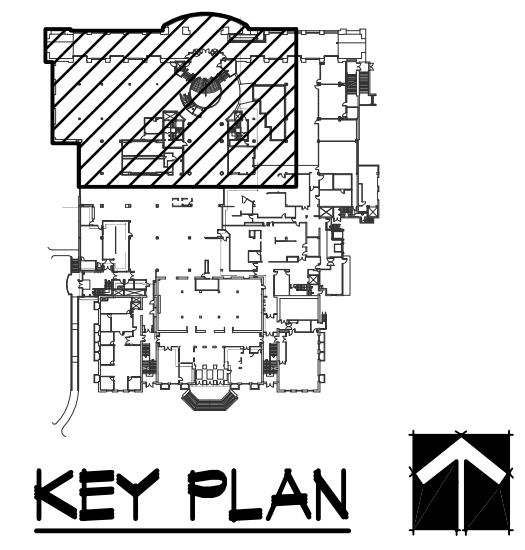
SEE 'GENERAL ELECTRICAL DEMOLITION NOTES', SHEET EG1.1 FOR ADDITIONAL ELECTRICAL REQUIREMENTS

ELECTRICAL KEYNOTES: (○)

- 1 DISCONNECT AND REMOVE APPROXIMATELY (32) EXISTING SWITCHES THAT SERVE THE AREAS IN PROJECT SCOPE - SWITCHES THAT SERVE OTHER AREAS SHALL REMAIN. EXISTING CONDUIT AND WIRING TO REMAIN AS APPLICABLE FOR RECONNECTION THROUGH NEW DIGITAL RELAY SYSTEM. REFER TO SHEET EL1.1 AND E5.1 FOR ADDITIONAL INFORMATION.
- 2 REMOVE LUMINAIRES AS INDICATED. EXISTING CONDUIT, WIRING, AND SUPPORT CABLES TO REMAIN AS APPLICABLE FOR RECONNECTION TO NEW LUMINAIRES. REFER TO SHEETS EL1.1, EL1.2, EL1.3, AND EL1.4 FOR ADDITIONAL INFORMATION.
- 3 REMOVE EXISTING TRACK LIGHTING.
- 4 EXISTING EXIT SIGN TO BE REMOVED AND REINSTALLED 24" TO THE NORTH. REFER TO SHEET EL1.1 FOR ADDITIONAL INFORMATION.



LIGHTING DEMOLITION PLAN - NORTH - BASE BID
 SCALE: 1/8" INCH = 1 FOOT
 12" 0 5' 10' 15'



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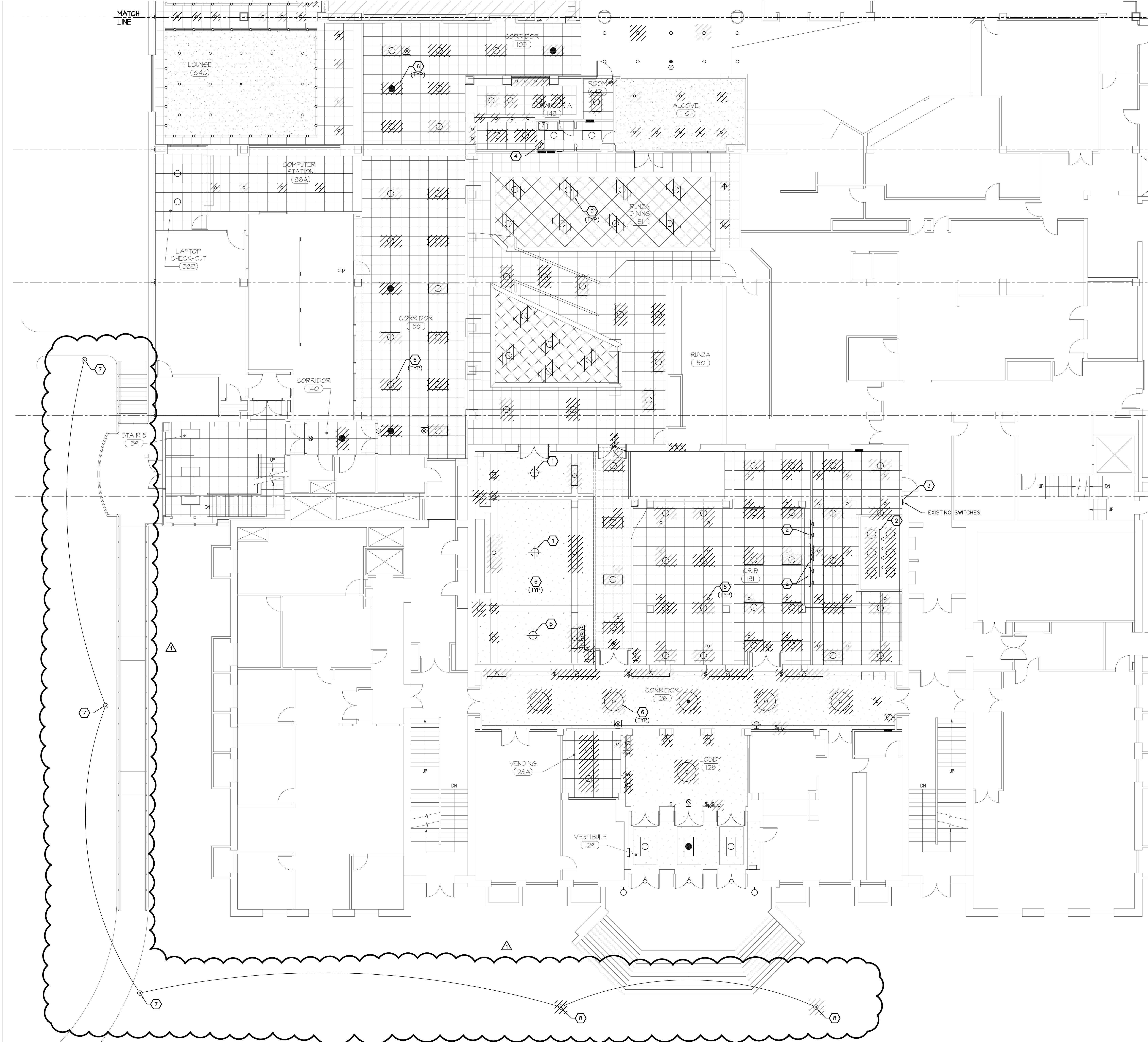
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 1400 R Street
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UNL PROJECT NUMBER: C026P336
LIGHTING DEMOLITION
PLAN - NORTH
BASE BID

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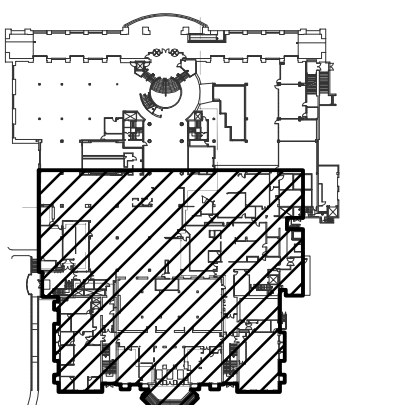
PROJECT: 13037
 DATE: 02 AUGUST 2013
 SHEET **ED1.1**
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SEE 'GENERAL ELECTRICAL DEMOLITION NOTES', SHEET EG1.1 FOR ADDITIONAL ELECTRICAL REQUIREMENTS

ELECTRICAL KEYNOTES: (○)

- 1 DISCONNECT AND REMOVE EXISTING PENDANTS AND CEILING MEDALLIONS. RETURN PENDANTS TO OWNER.
- 2 DISCONNECT AND REMOVE THEATRICAL LUMINAIRES FROM EXISTING PIPE. RETURN LUMINAIRES TO OWNER. PIPE TO REMAIN FOR FUTURE USE. REFER TO SHEET EL1.2 AND EL1.4 FOR ADDITIONAL INFORMATION.
- 3 EXISTING BANK OF SWITCHES TO BE PARTIALLY REMOVED. REFER TO SHEET ES.1 FOR EXTENT OF DEMOLITION WORK.
- 4 REMOVE EXISTING SWITCHES.
- 5 DISCONNECT AND REMOVE EXISTING PENDANT AND CEILING MEDALLION. SALVAGE, STORE, AND PROTECT LUMINAIRE FOR RE-INSTALLATION IN SOUTH LOBBY. REFER TO SHEET EL1.2 FOR ADDITIONAL INFORMATION.
- 6 REMOVE LUMINAIRES AS INDICATED. EXISTING CONDUIT, WIRING, AND SUPPORT CABLES TO REMAIN AS APPLICABLE FOR RECONNECTION TO NEW LUMINAIRES. REFER TO SHEETS EL1.1, EL1.2, EL1.3, AND EL1.4 FOR ADDITIONAL INFORMATION.
- 7 EXISTING POST-TOP LUMINAIRE TO BE DISCONNECTED AND REMOVED FROM EXISTING POLE. POLE TO REMAIN FOR REUSE. REFER TO SHEET EL1.2 FOR ADDITIONAL INFORMATION.
- 8 EXISTING POLE, BASE, AND LUMINAIRES TO BE DISCONNECTED AND REMOVED. EXISTING CONDUIT AND WIRING TO REMAIN FOR RECONNECTION TO NEW LUMINAIRES. REFER TO SHEET EL1.2 FOR ADDITIONAL INFORMATION.



KEY PLAN ↑

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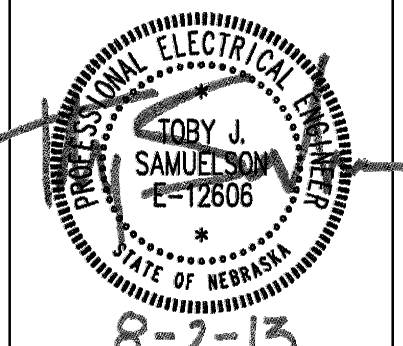
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First Floor
Selective Refurbishment**
1400 R Street
Lincoln, Nebraska

UNL PROJECT NUMBER: G026P336

**LIGHTING DEMOLITION
PLAN - SOUTH
BASE BID**

▲ ADDENDUM 001 - 14 AUGUST 2013

HOLLAND BASHAM ARCHITECTS
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SHEET

LIGHTING DEMOLITION PLAN - SOUTH - BASE BID

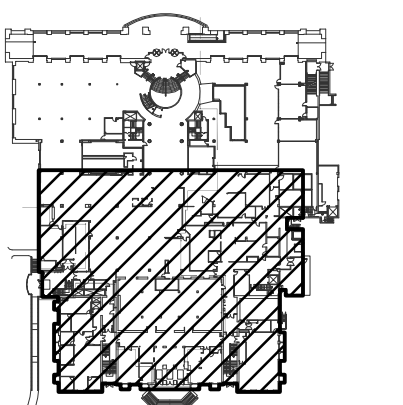
SCALE: 1/8" INCH = 1 FOOT
12" 0' 5' 10' 15'



SEE 'GENERAL ELECTRICAL NOTES',
SHEET EG1.1 FOR ADDITIONAL
ELECTRICAL REQUIREMENTS

ELECTRICAL KEYNOTES: (○)

- 1 WORK TO BE COMPLETED UNDER ALTERNATE #1.
- 2 WORK TO BE COMPLETED UNDER ALTERNATE #2.
- 3 WORK TO BE COMPLETED UNDER ALTERNATE #3.
- 4 WORK TO BE COMPLETED UNDER ALTERNATE #4. LUMINAIRES TO BE MOUNTED WITHIN ARCHITECTURAL COVE.
- 5 TYPE 'TA' LUMINAIRES PROVIDED UNDER BASE BID REMAIN AS PART OF ALTERNATE #2.
- 6 RECONNECT TO EXISTING CIRCUIT.
- 7 RECONNECT TO EXISTING EMERGENCY CIRCUIT.
- 8 PROVIDE TRAXON LIGHT-DRIVE RGB CONTROLLER WITH BLACK FINISH, DMX CONTROL WIRING, AND ALL COMPONENTS REQUIRED FOR A COMPLETE AND OPERATIONAL DMX CONTROL SYSTEM. INSTALL ADJACENT TO NEW LOW VOLTAGE LIGHTING CONTROL STATION PROVIDED UNDER BASE BID.
- 9 RECONNECT NEW LED LUMINAIRES TO EXISTING 'STAGE RED' CIRCUIT. FIELD-COORDINATE EXACT MOUNTING REQUIREMENTS WITHIN SOFFIT IN ORDER TO MOUNT TO WEST SOFFIT WALL. AIM TO ILLUMINATE STAGE.
- 10 RECONNECT NEW LED LUMINAIRES TO EXISTING 'SPOT RED' CIRCUIT. FIELD-COORDINATE EXACT MOUNTING REQUIREMENTS WITHIN SOFFIT. AIM TO ILLUMINATE STAGE.
- 11 RELOCATED, EXISTING PENDANTS AND MEDALLIONS. INSTALL IN CENTER OF VESTIBULE CEILING AND RECONNECT TO EXISTING CIRCUIT. REFER TO SHEET ED1.4 FOR DEMOLITION WORK.
- 12 REFER TO DETAILS ON SHEET ES.1 FOR BASE AND ALTERNATE BID REQUIREMENTS.



KEY PLAN ↑

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UNL PROJECT NUMBER: G026P336

**LIGHTING PLAN -
SOUTH - ALTERNATE BIDS**

ADDENDUM 001 - 14 AUGUST 2013

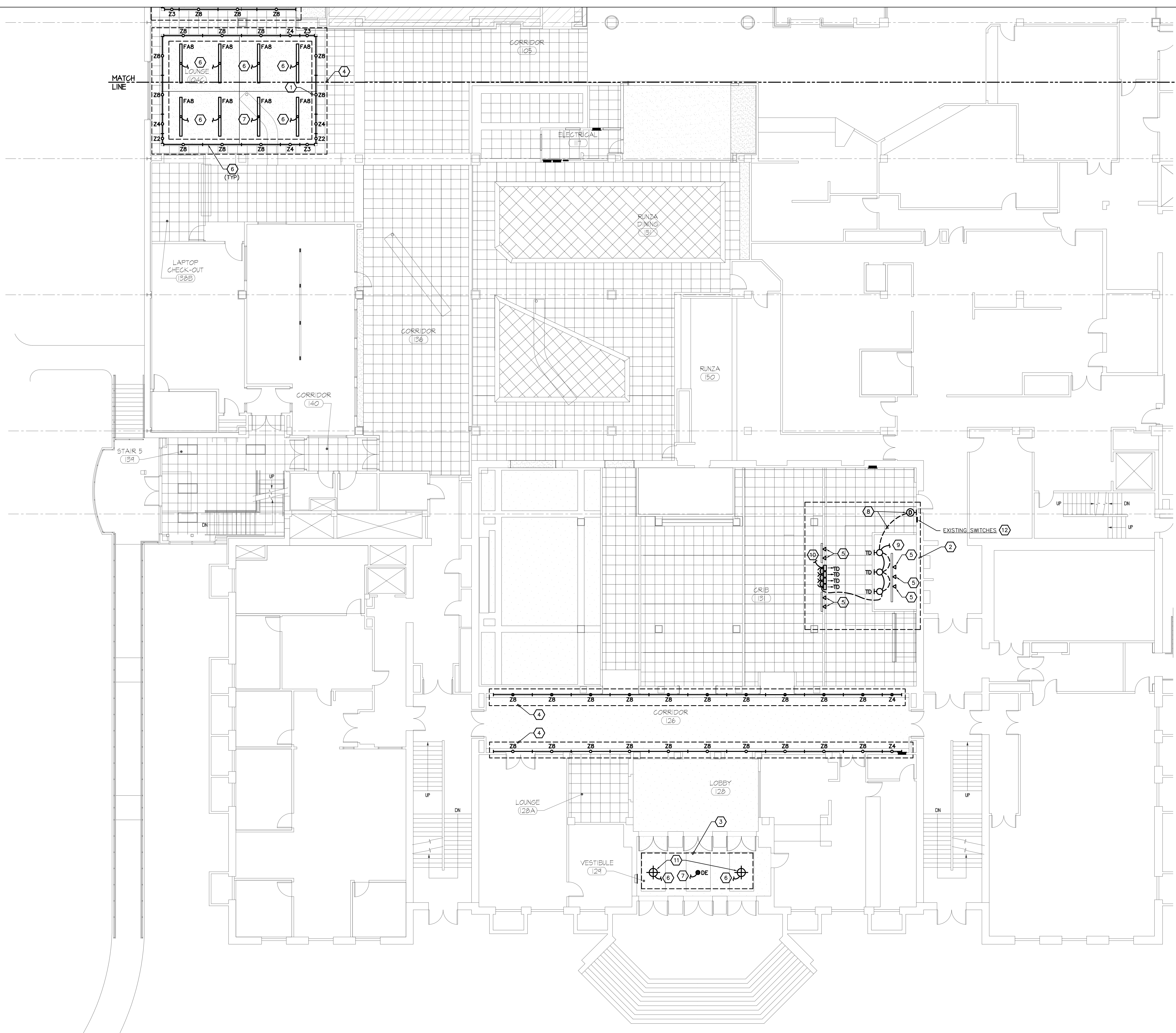
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OMAHA, NEBRASKA 68132
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PROJECT: 13037
DATE: 02 AUGUST 2013

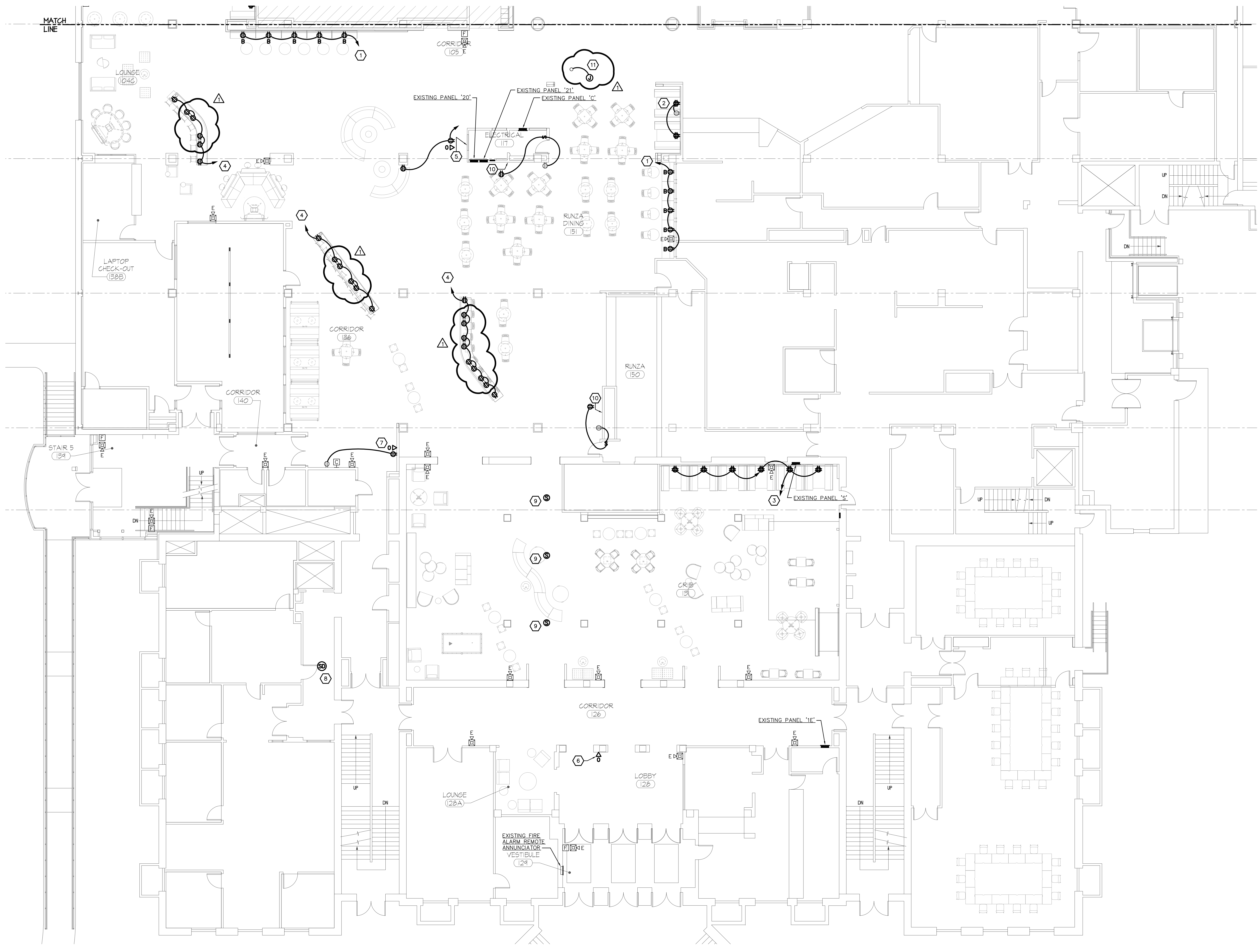
8-2-13 SHEET **EL1.4**

LIGHTING PLAN - SOUTH - ALTERNATE BIDS ↑

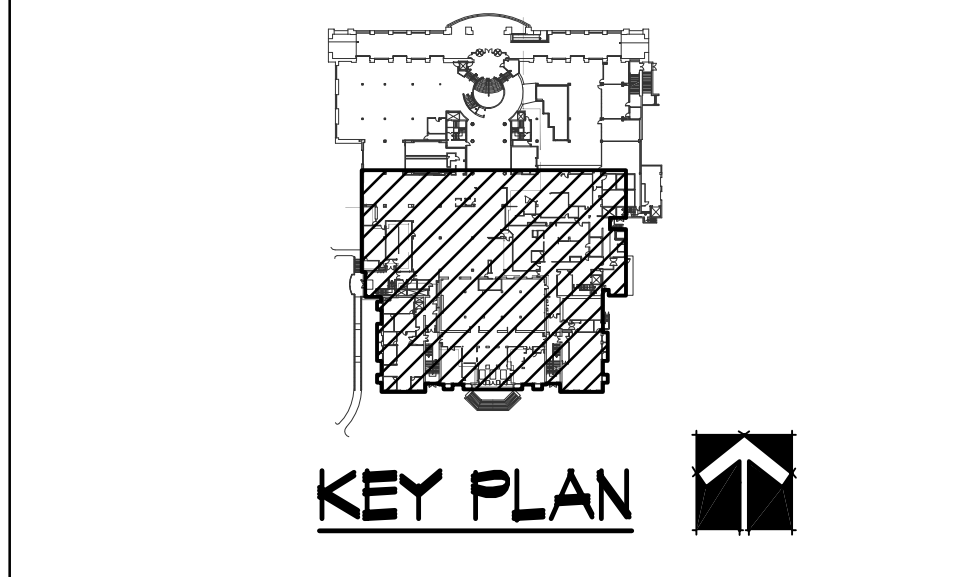
SCALE: 1/8" = 1 FOOT
12" 0' 5' 10' 15'



SEE 'GENERAL ELECTRICAL NOTES',
SHEET EG1.1 FOR ADDITIONAL
ELECTRICAL REQUIREMENTS



- ELECTRICAL KEYNOTES: (○)**
- 1 CUT/PATCH EXISTING WALL TO FLUSH MOUNT NEW RECEPTACLE AT STANDARD MOUNTING HEIGHT. NEW FURNITURE IS PROVIDED WITH CORD AND PLUG. PROVIDE NEW 20-AMP, SINGLE POLE CIRCUIT BREAKER IN AVAILABLE SPACE IN EXISTING CUTLER HAMMER PANEL 'C'.
 - 2 EXISTING RECEPTACLE IS MOUNTED AT STANDARD DEVICE MOUNTING HEIGHT. CUT/PATCH EXISTING WALL TO EXTEND CIRCUIT SERVING EXISTING RECEPTACLE TO NEW RECEPTABLES INDICATED. FLUSH MOUNT NEW RECEPTABLES 4" ABOVE BOOTH TABLE TOP.
 - 3 FLUSH MOUNT NEW RECEPTABLES IN NEW FURRED OUT WALL 4" ABOVE BOOTH TABLE TOP. CUT/PATCH EXISTING WALL AS REQUIRED FOR NEW CIRCUITS TO ROUTE FROM RECESSED PANEL DOWN TO FURRED OUT WALL. CONNECT TO SPARE 20-AMP, SINGLE POLE CIRCUIT BREAKERS IN EXISTING PANEL 'S'.
 - 4 PROVIDE CONDUIT AND WIRING TO NEW BUILT-IN TABLE. ROUTE CONDUIT FROM EXISTING PANEL 'C' THROUGH FLOOR TO ACCESSIBLE CEILING SPACE ABOVE LOWER LEVEL. ROUTE CONDUIT ABOVE LOWER LEVEL CEILING AND UP THROUGH FLOOR TO NEW TABLES. FIRE SEAL ALL FLOOR PENETRATIONS. FIELD VERIFY CONDUIT ROUTE. PROVIDE NEW 20-AMP, SINGLE POLE CIRCUIT BREAKER IN AVAILABLE SPACE IN EXISTING CUTLER HAMMER PANEL 'C'. INSTALL NEW RECEPTABLES IN TABLE SUPPORT WALLS. REFER TO ARCHITECTURAL DETAILS FOR EXACT RECEPTABLE LOCATIONS.
 - 5 CUT/PATCH EXISTING WALL TO INSTALL NEW DEVICES FOR WALL MOUNTED TV. LOCATE DEVICES AT +60" A.F.F. PROVIDE NEW 20-AMP, SINGLE POLE CIRCUIT BREAKER IN AVAILABLE SPACE IN EXISTING CUTLER HAMMER PANEL 'C'.
 - 6 INSTALL NEW DATA OUTLET ADJACENT TO EXISTING RECEPTACLE FOR CONNECTION TO NEW OWNER PROVIDED DIGITAL SIGNAGE KIOSK. CUT/PATCH WALL AS REQUIRED TO INSTALL NEW CONDUIT. ROUTE EMPTY CONDUIT FOR DATA DOWN TO ABOVE ACCESSIBLE CEILING ABOVE LOWER LEVEL.
 - 7 INSTALL NEW RECEPTACLE AND DATA OUTLET FOR CONNECTION TO NEW OWNER PROVIDED DIGITAL SIGNAGE KIOSK. CUT/PATCH WALL AS REQUIRED TO INSTALL NEW CONDUIT, AND AS REQUIRED TO CONNECT NEW RECEPTACLE TO EXISTING CIRCUIT. ROUTE EMPTY CONDUIT FOR DATA TO ABOVE ACCESSIBLE CEILING.
 - 8 PROVIDE NEW SMOKE DETECTOR IN EXISTING HALLWAY FOR MONITORING EXISTING DOOR MAGNETIC HOLD OPENS.
 - 9 PROVIDE NEW FLUSH MOUNTED INTERCOM SPEAKERS IN NEW LAY-IN GRID CEILING. SPEAKERS TO MATCH EXISTING INTERCOM SPEAKERS THROUGHOUT UNION. ROUTE EXISTING SPEAKER CABLING FROM SPEAKERS REMOVED BY DEMOLITION TO NEW SPEAKERS. PROVIDE NEW SPEAKER CABLING AS REQUIRED BETWEEN SPEAKERS.
 - 10 EXISTING RECEPTACLE IS MOUNTED AT STANDARD DEVICE MOUNTING HEIGHT. CUT/PATCH EXISTING WALL TO EXTEND CIRCUIT TO NEW SWITCH FOR ON/OFF CONTROL OF NEW RECEPTACLE FOR RUNZA SIGNAGE. FLUSH MOUNT NEW SWITCHED RECEPTACLE AT +60" A.F.F. (COORDINATE EXACT HEIGHT WITH OWNER).
 - 11 CONNECT NEW RUNZA SIGN TO NEAREST EXISTING NORMAL SWITCHED LIGHTING CIRCUIT. CUT/PATCH AND REPAINT EXISTING CEILING AS REQUIRED.



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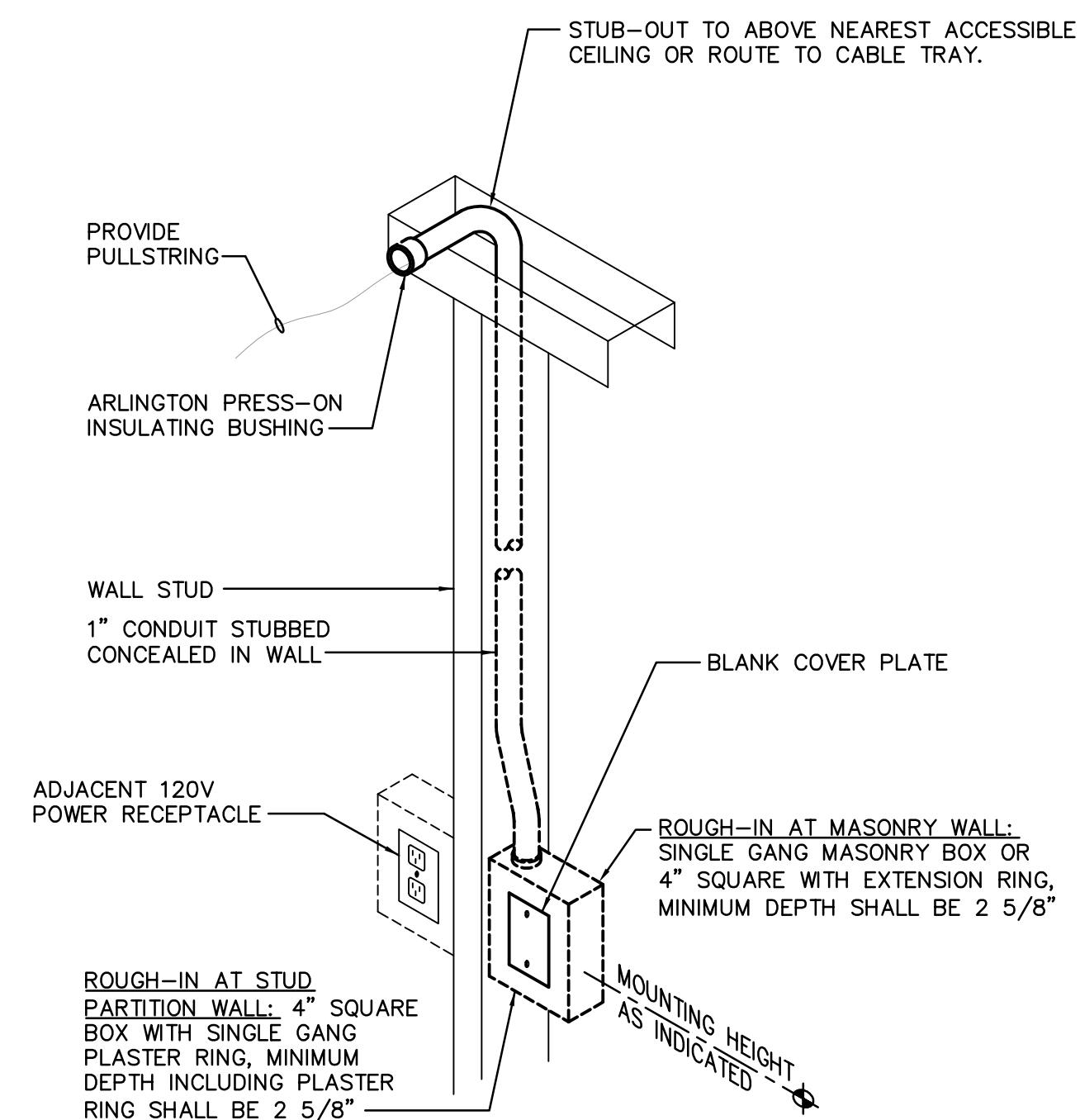
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**POWER & SPECIAL
SYSTEMS PLAN -
SOUTH**

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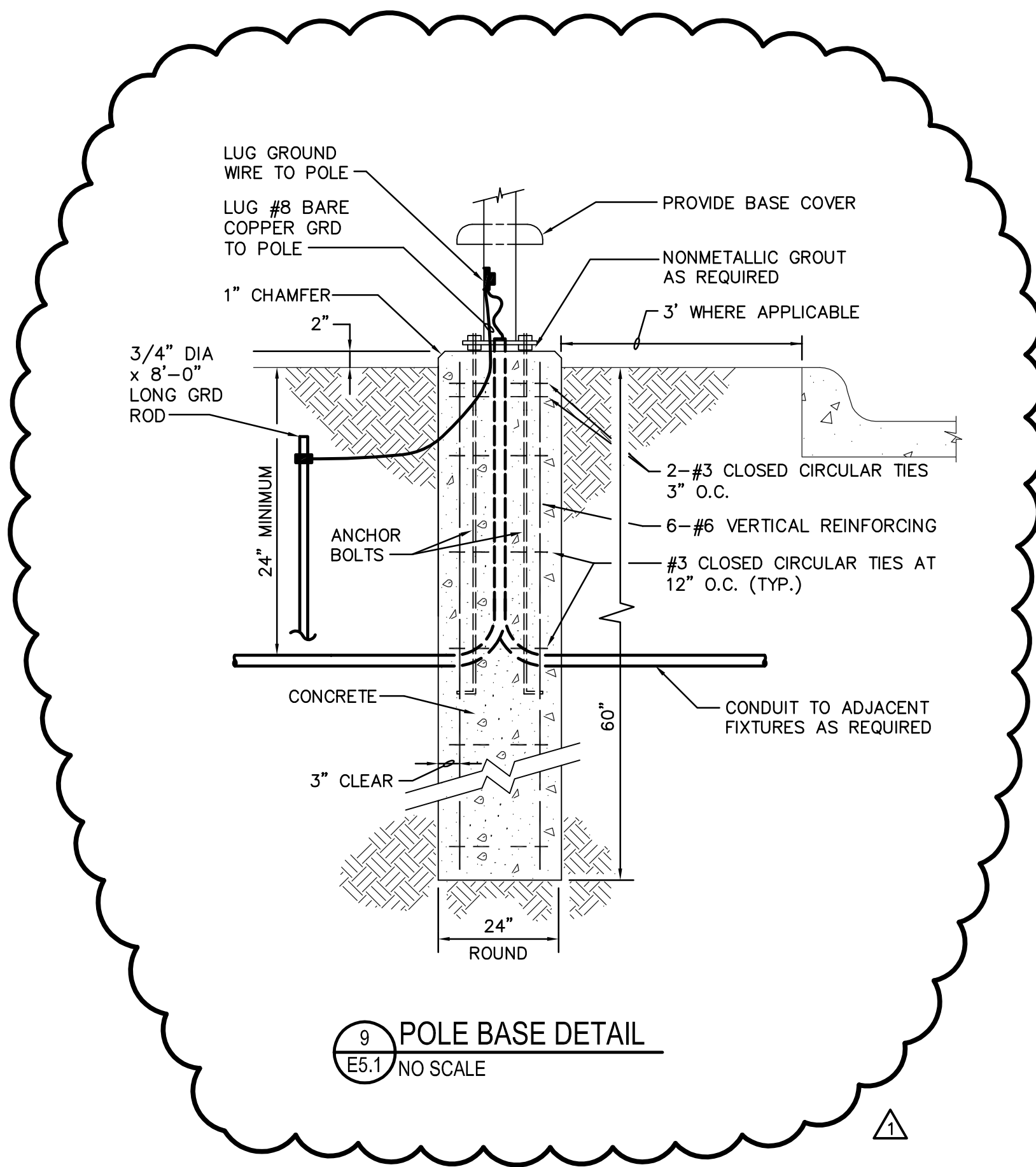
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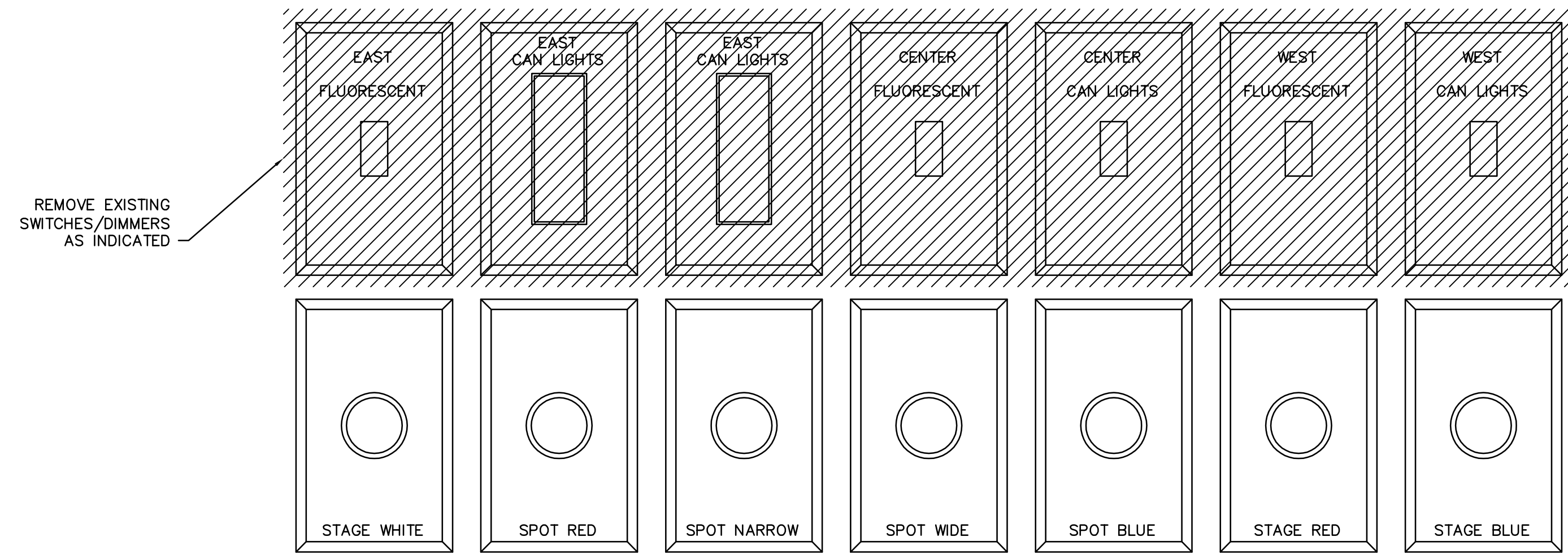
POWER & SPECIAL SYSTEMS PLAN - SOUTH
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12" 0' 5' 10' 15'



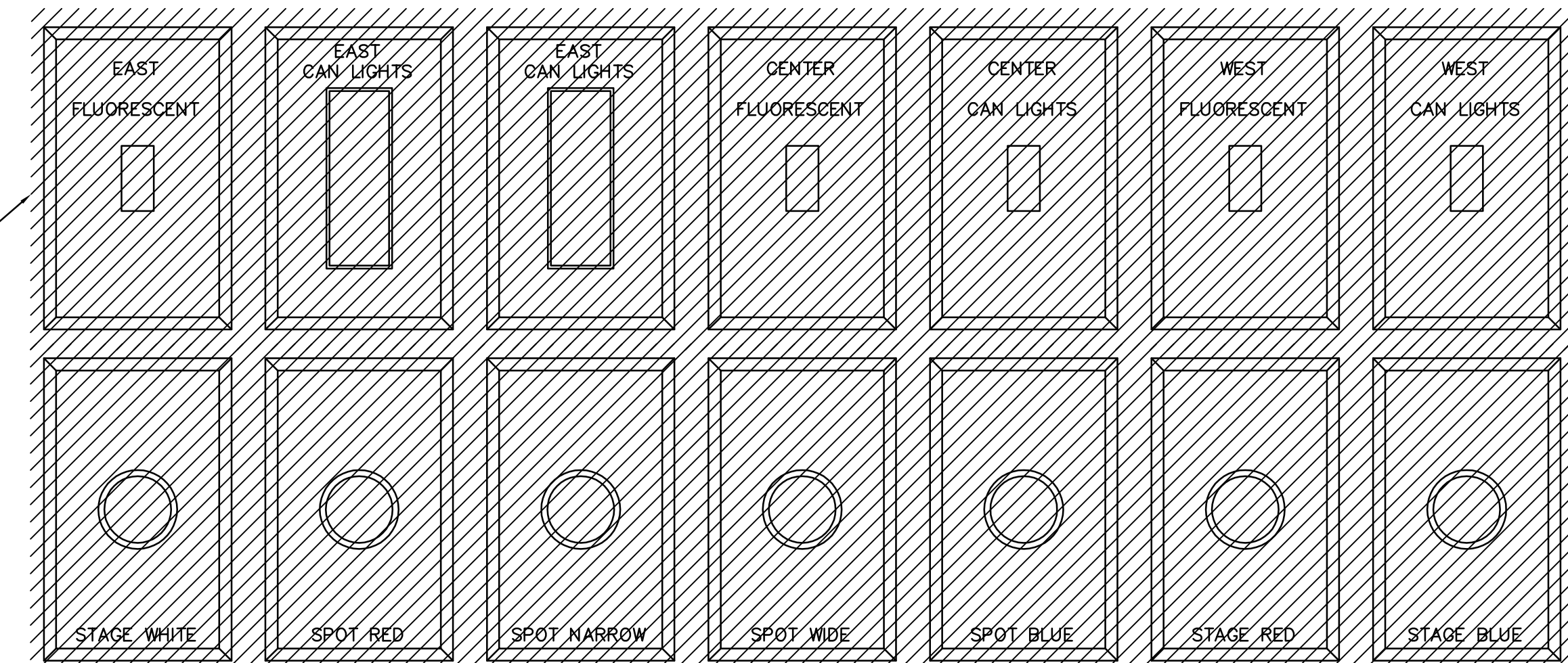
3 DATA OUTLET BOX ROUGH-IN DETAIL
E5.1 NO SCALE



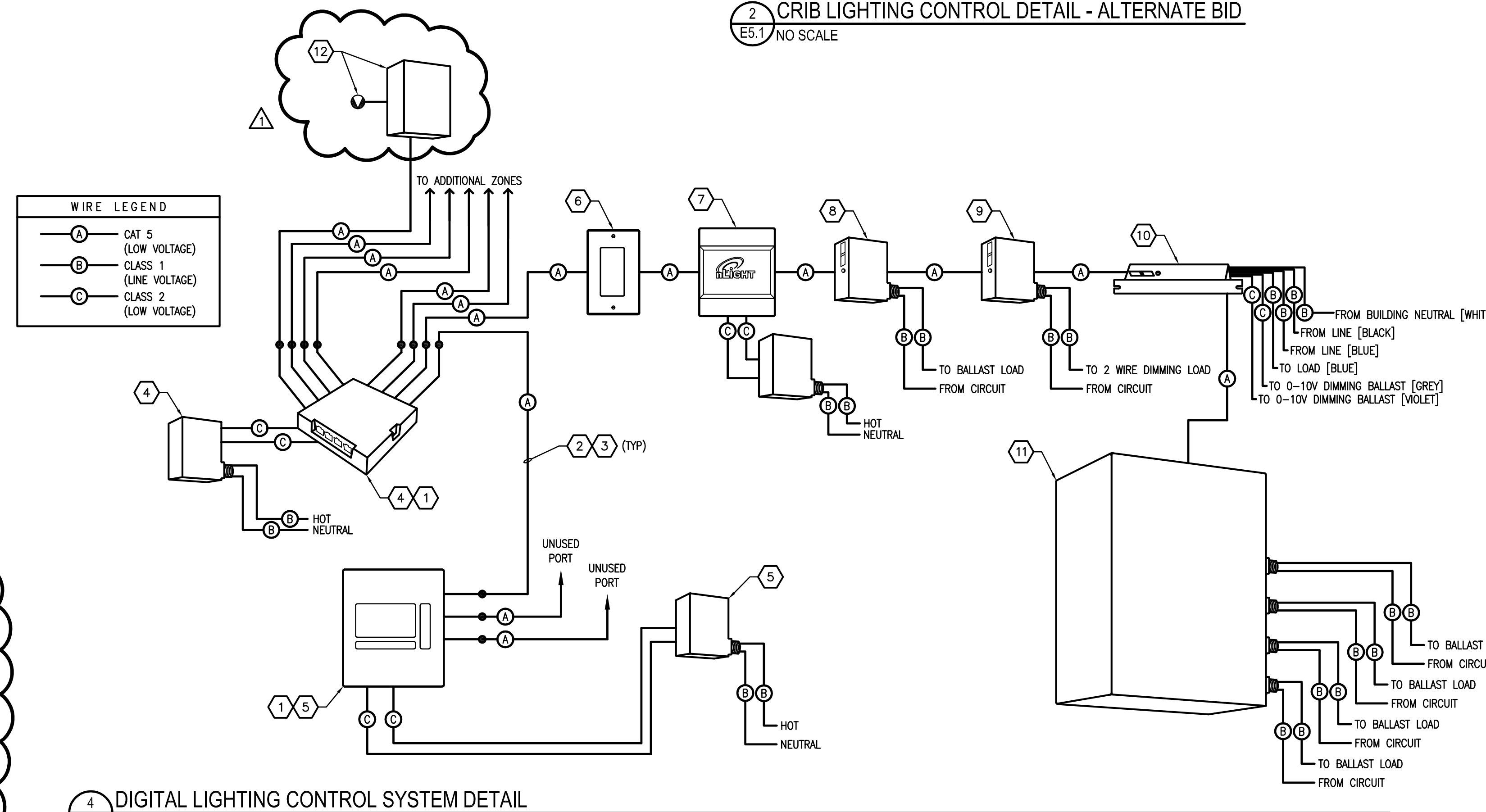
9 POLE BASE DETAIL
E5.1 NO SCALE



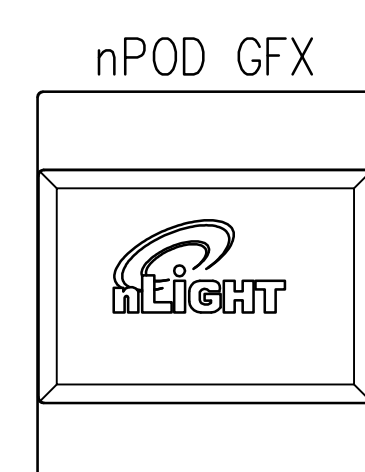
1 CRIB LIGHTING CONTROL DETAIL - BASE BID
E5.1 NO SCALE



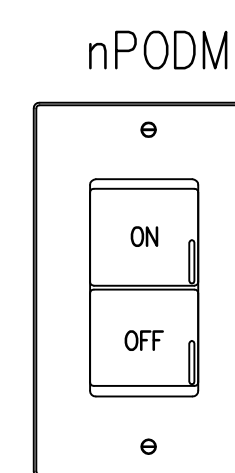
2 CRIB LIGHTING CONTROL DETAIL - ALTERNATE BID
E5.1 NO SCALE



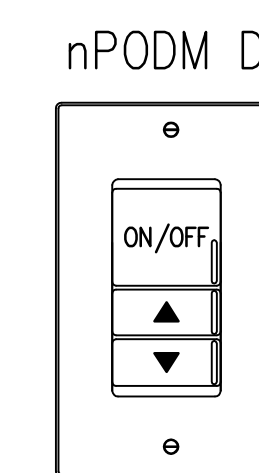
4 DIGITAL LIGHTING CONTROL SYSTEM DETAIL
E5.1 NO SCALE



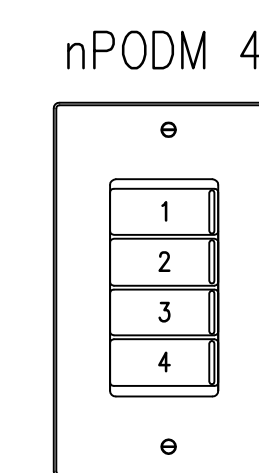
5 CONTROL STATION #1
E5.1 NO SCALE



6 CONTROL STATION #2
E5.1 NO SCALE



7 CONTROL STATION #3
E5.1 NO SCALE



8 CONTROL STATION #4
E5.1 NO SCALE

ELECTRICAL KEYNOTES: (○)

- 1 PROVIDE A COMPLETE AND OPERABLE NIGHT LIGHTING CONTROL SYSTEM. PROVIDE POWER SUPPLIES, CAT 5 CABLING, AND ALL OTHER EQUIPMENT REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. THE ELECTRICAL CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING WITH THE LOCAL REPRESENTATIVE FROM THE LIGHTING CONTROL SYSTEM MANUFACTURER PRIOR TO THE START OF CONSTRUCTION.
 - 2 DAISY CHAIN ALL NIGHT-ENABLED DEVICES AND LUMINAIRES TOGETHER USING CAT-5 CABLING ROUTED IN CONDUIT ABOVE DRYWALL CEILINGS AND WHERE CEILING IS EXPOSED (CONDUIT NOT REQUIRED ABOVE ACCESSIBLE CEILINGS). DIAGRAM DOES NOT INDICATE ORDER OR QUANTITIES. REFER TO PLANS FOR QUANTITIES, LOCATIONS, AND ADDITIONAL INFORMATION.
 - 3 ALL LOW VOLTAGE CAT-5 CABLING SHALL CONSIST OF PRE-TERMINATED CABLES OR TERMINATIONS SHALL BE MADE BY A LOW VOLTAGE LICENSED TECHNICIAN AND/OR QUALIFIED CONTRACTOR. POOR TERMINATIONS WILL RESULT IN A NON-OPERATING SYSTEM. INSTALLER SHALL USE ANY SPECIFIC TERMINATION TOOLS PROVIDED BY THE FACTORY. SEE INSTALLATION REQUIREMENTS.
 - 4 NIGHT BRIDGE NBR8 KIT WITH POWER SUPPLY. BRIDGE SHALL BE CONNECTED WITH CAT-5 CABLING TO GATEWAY. REFER TO PLANS FOR LOCATION.
 - 5 NIGHT GATEWAY NGWY2 KIT WITH POWER SUPPLY. REFER TO PLANS FOR LOCATION.
 - 6 NIGHT WALLPOD LIGHTING CONTROL STATION. REFER TO THIS SHEET FOR ADDITIONAL INFORMATION ABOUT TYPE, NUMBER OF BUTTONS, AND PROGRAMMING. BUTTONS SHALL BE BLACK WITH WHITE ENGRAVINGS AND STAINLESS STEEL COVER PLATE. REFER TO PLANS FOR LOCATIONS AND QUANTITIES.
 - 7 NIGHT GRAPHIC WALLPOD WITH BLACK FINISH AND POWER SUPPLY. REFER TO PLANS FOR LOCATIONS AND QUANTITIES. PROVIDE POWER CONNECTION TO NEARBY 120V CIRCUIT.
 - 8 NIGHT DIGITAL SWITCHING RELAY. CONNECT TO LUMINAIRES INDICATED ON PLANS. REFER TO PLANS FOR LOCATIONS AND QUANTITIES.
 - 9 NIGHT DIGITAL RELAY WITH 2-WIRE DIMMING. CONNECT TO LUMINAIRES INDICATED ON PLANS. REFER TO PLANS FOR LOCATIONS AND QUANTITIES.
 - 10 NIGHT DIGITAL RELAY WITH 0-10V DIMMING. CONNECT TO LUMINAIRES INDICATED ON PLANS. PROVIDE 0-10V CONTROL WIRING TO LUMINAIRES ON CIRCUIT AS REQUIRED. REFER TO PLANS FOR LOCATIONS AND QUANTITIES.
 - 11 NIGHT NPANEL WITH (4) DIGITAL SWITCHING RELAYS PER PANEL. CONNECT TO LUMINAIRES INDICATED ON PLANS. REFER TO PLANS FOR LOCATIONS AND QUANTITIES.
- NIGHT NIO PC KIT WITH OUTDOOR PHOTOCELL TO BE LOCATED ON ROOF OF BUILDING. CONNECT POWER SUPPLY TO NEARBY UNSWITCHED 120V CIRCUIT WITH ADEQUATE CAPACITY.

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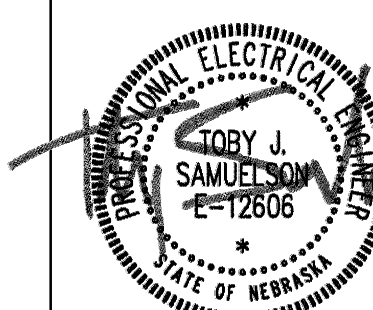
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SHEET

| LUMINAIRE SCHEDULE | | | | | | | | | | | | |
|--------------------|--|----------------|------------------------|---|------|-------------------------|------------------|----------|-------------|---------|------------------------------|---------|
| MARK | DESCRIPTION | MANUFACTURER | SERIES | CATALOG NO. | LAMP | | FINISH | MOUNTING | INPUT WATTS | VOLTS | ACCEPTABLE MANUFACTURERS | REMARKS |
| | | | | | QTY | TYPE | | | | | | |
| A | 4' FLUORESCENT WRAP | LITHONIA | SB | SB-2-32-MVOLT | 2 | REMARK 11 | WHITE | SURFACE | 63 W | 120 V | DAYBRITE METALUX COLUMBIA | - |
| B | 4' LENGTH WALL SCONCE | BARTCO | ELYTRON | IST9Q-32W-4J-IS-F-SM-SL | 1 | REMARK 11 | SILVER | WALL | 35 W | 120 V | - | - |
| C | 14" DIAMETER DOWNLIGHT WITH RED UPRIGHT DIRECT/INDIRECT SURFACE PLATFORM | PRESCOLITE | LUMEX | LT5408IEBZ-CL-LCPRD | 1 | F40T5B41 CIRCULINE | SILVER | SURFACE | 45 W | 120 V | LUMIOS WILA MANNING | - |
| CA | 5" DIAMETER LED DOWNLIGHT WITH DROP GLASS LENS | WILA | OPTICLITES | 610-664-80-ZSH5 | - | LED 4000K CCT 1500 LM | WHITE | RECESSED | 25 W | 120 V | BEGA | - |
| DA | 6" APERTURE DOWNLIGHT | GOTHAM | 6" AFV | AFV-32TRT-6AR-LD-120 | 1 | REMARK 10 | MATTE ALZAK | RECESSED | 37 W | 120 V | PATHWAY PORTFOLIO PRESCOLITE | - |
| DB | 8" APERTURE DOWNLIGHT | GOTHAM | 8" AF | AF-232TRT-8AR-LD-120 | 2 | REMARK 10 | MATTE ALZAK | RECESSED | 74 W | 120 V | PATHWAY PORTFOLIO PRESCOLITE | - |
| DC | 6" APERTURE ADJUSTABLE DOWNLIGHT | GOTHAM | 6" DP | DP-PAR30L38-6AC-T20-LD | 1 | REMARK 8 | MATTE ALZAK | RECESSED | 25 W | 120 V | PATHWAY PORTFOLIO PRESCOLITE | - |
| DD | 6" APERTURE ADJUSTABLE DOWNLIGHT | GOTHAM | 6" DP | DP-PAR30L38-6AC-T20-LD | 1 | REMARK 9 | MATTE ALZAK | RECESSED | 25 W | 120 V | PATHWAY PORTFOLIO PRESCOLITE | - |
| DE | SURFACE-MOUNTED DOWNLIGHT WITH 30° OPTIC | COLOR KINETICS | EW DOWNLIGHT POWERCORE | 523-00009-15 | - | LED 3000K CCT 750 LM | WHITE | SURFACE | 15 W | 120 V | - | - |
| DF | 6" APERTURE LED DOWNLIGHT | GOTHAM | 6" EVO | EVO-4122-6AR-LD-120 | - | 4100K CCT 2200 LM | MATTE ALZAK | RECESSED | 32 W | 120 V | PATHWAY PORTFOLIO PRESCOLITE | - |
| DG | 8" APERTURE LED DOWNLIGHT | GOTHAM | 8" EVO | EVO-4129-8AR-LD-120 | - | 4100K CCT 2900 LM | MATTE ALZAK | RECESSED | 49 W | 120 V | PATHWAY PORTFOLIO PRESCOLITE | - |
| DH | 2" SQUARE APERTURE ADJUSTABLE LED DOWNLIGHT WITH SOFT FOCUS LENS | LUCIFER | DL38ZP | DL38ZP-NC-B-X-8013-40-1 DH-ZO-X-8013-LINVND | - | LED 4000K CCT 1500 LM | BLACK | RECESSED | 27 W | 120 V | USAI | 14 |
| EX | OUTDOOR EMERGENCY LIGHTING UNIT WITH BATTERY HEATER | DUAL LITE | PG | PG-B-HTR | - | LED | BLACK | SURFACE | 15 W | 120 V | - | - |
| F4 | 4' LENGTH RECESSED LINEAR DOWNLIGHT WITH FROSTED ACRYLIC LENS | PINNACLE | EDGE | E4A-219-4-G1G-120-1C-W | 2 | REMARK 11 | WHITE | LAY-IN | 34 W | 120 V | AXIS PRUDENTIAL | - |
| FA8 | 8' LENGTH RECESSED LINEAR DOWNLIGHT WITH FROSTED ACRYLIC LENS AND STAGGERED LAMPS | PINNACLE | EDGE | E4SA-178-8-F-120-1C-W | 3 | F25T8B41 | WHITE | RECESSED | 81 W | 120 V | AXIS PRUDENTIAL | - |
| G11 | 11' LENGTH PERIMETER WALLSLIT THAT FULLY CONCEALS LAMP FROM VIEW | LITECONTROL | WALLSLIT 2000 | 20-3-11-TSHO-CW-M-LPBLB-120 | 2 | F54T5H0830 F39T5H0830 | WHITE | LAY-IN | 170 W | 120 V | FOCAL POINT PRUDENTIAL | 4 |
| G23 | 23' LENGTH PERIMETER WALLSLIT THAT FULLY CONCEALS LAMP FROM VIEW | LITECONTROL | WALLSLIT 2000 | 20-23-TSHO-CW-M-LPBLB-120 | 5 | F54T5H0830 F39T5H0830 | WHITE | LAY-IN | 355 W | 120 V | FOCAL POINT PRUDENTIAL | 4 |
| L2 | 2' LENGTH LINEAR LED LUMINAIRE WITH 30°x60° LIGHT DISTRIBUTION, #90 DEGREE ADJUSTABILITY, END-TO-END CONNECTORS, AND INTEGRAL ELY DIMMING DRIVER | TRAXON | COVE LIGHT AC HO | MB.CO.18.1.A0.3.0 | - | LED 4000K CCT 1487 LM | WHITE | SURFACE | 22 W | 120 V | LUMENPULSE COLOR KINETICS | - |
| L3 | 3' LENGTH LINEAR LED LUMINAIRE WITH 30°x60° LIGHT DISTRIBUTION, #90 DEGREE ADJUSTABILITY, END-TO-END CONNECTORS, AND INTEGRAL ELY DIMMING DRIVER | TRAXON | COVE LIGHT AC HO | MB.CO.27.1.A0.3.0 | - | LED 4000K CCT 2275 LM | WHITE | SURFACE | 33 W | 120 V | LUMENPULSE COLOR KINETICS | - |
| LA2 | 2' LENGTH LINEAR LED LUMINAIRE WITH 10° LIGHT DISTRIBUTION, #90 DEGREE ADJUSTABILITY, END-TO-END CONNECTORS, AND INTEGRAL ELY DIMMING DRIVER | TRAXON | COVE LIGHT AC HO | MB.CO.18.1.A0.8.0 | - | LED 4000K CCT 1487 LM | WHITE | SURFACE | 22 W | 120 V | LUMENPULSE COLOR KINETICS | - |
| LA3 | 3' LENGTH LINEAR LED LUMINAIRE WITH 10° LIGHT DISTRIBUTION, #90 DEGREE ADJUSTABILITY, END-TO-END CONNECTORS, AND INTEGRAL ELY DIMMING DRIVER | TRAXON | COVE LIGHT AC HO | MB.CO.27.1.A0.8.0 | - | LED 4000K CCT 2275 LM | WHITE | SURFACE | 33 W | 120 V | LUMENPULSE COLOR KINETICS | - |
| MA1 | 2-LAMP RECESSED ADJUSTABLE DOWNLIGHT | 3G LIGHTING | MADISON | 3G-RC230-75-120-BT-NG-BK | 2 | REMARK 5 | BLACK | RECESSED | 40 W | 120 V | RSA ALW | - |
| MA2 | 2-LAMP RECESSED ADJUSTABLE DOWNLIGHT | 3G LIGHTING | MADISON | 3G-RC230-75-120-BT-NG-BK | 2 | REMARK 6 | BLACK | RECESSED | 40 W | 120 V | RSA ALW | - |
| MB1 | 2-LAMP PENDANT ADJUSTABLE PENDANT | 3G LIGHTING | INFORMA | 3G-IN230-75-120-NG-AN-60 | 2 | REMARK 5 | NATURAL ANODIZED | PENDANT | 40 W | 120 V | RSA ALW | - |
| MB2 | 2-LAMP PENDANT ADJUSTABLE PENDANT | 3G LIGHTING | INFORMA | 3G-IN230-75-120-NG-AN-60 | 2 | REMARK 6 | NATURAL ANODIZED | PENDANT | 40 W | 120 V | RSA ALW | - |
| MC | 4-LAMP PENDANT ADJUSTABLE PENDANT | 3G LIGHTING | INFORMA | 3G-IN430-75-120-NG-AN-60 | 4 | REMARK 7 | NATURAL ANODIZED | PENDANT | 80 W | 120 V | RSA ALW | - |
| N | SURFACE-MOUNTED LED CYLINDER DOWNLIGHT - 70° OPTICS | GOTHAM | INGITO CYLINDER | ICO-CYL-3060-6AR-L-D-70-MVOLT-FCM-DNA MOD: 208V | - | LED 3000K CCT 6000 LM | NATURAL ALUMINUM | SURFACE | 100 W | 208 V | - | - |
| OA | POST-TOP LUMINAIRE WITH FLUSH MOUNT - TYPE V SQUARE FULL CUTOFF OPTICS | KIM | CURVILINEAR | FM-CC21P5-120L/3K/208V-08 | - | LED 3000K CCT 6700 LM | DARK BRONZE | POLE | 129 W | 208 V | - | 15 |
| OB | POST-TOP LUMINAIRE WITH FLUSH MOUNT - TYPE V SQUARE FULL CUTOFF OPTICS | KIM | CURVILINEAR | FM-CC21P5-120L/3K/208V-08 | - | LED 3000K CCT 6700 LM | DARK BRONZE | POLE | 129 W | 208 V | - | 16 |
| PA4 | 48" DIAMETER LED RING PENDANT LUMINOUS INNER RING / SOLID OUTER RING | DELRAY | CYLINDRO III | 6704S/WW/1 | - | LED 3000K CCT | SILVER | PENDANT | 60 W | 120 V | BETA CALCO | 17 |
| PA5 | 60" DIAMETER LED RING PENDANT LUMINOUS INNER RING / SOLID OUTER RING | DELRAY | CYLINDRO III | 6805S/WW/1 | - | LED 3000K CCT | SILVER | PENDANT | 60 W | 120 V | BETA CALCO | 17 |
| PB2 | 24" DIAMETER LED RING PENDANT LUMINOUS INNER RING / SOLID OUTER RING | DELRAY | CYLINDRO | 6502C/W/1 | - | LED 4000K CCT | SILVER | PENDANT | 36 W | 120 V | BETA CALCO | - |
| PB4 | 48" DIAMETER LED RING PENDANT LUMINOUS INNER RING / SOLID OUTER RING | DELRAY | CYLINDRO II | 6704S/CW/1 | - | LED 4000K CCT | SILVER | PENDANT | 60 W | 120 V | BETA CALCO | - |
| PB5 | 60" DIAMETER LED RING PENDANT LUMINOUS INNER RING / SOLID OUTER RING | DELRAY | CYLINDRO II | 6705S/CW/1 | - | LED 4000K CCT | SILVER | PENDANT | 60 W | 120 V | BETA CALCO | - |
| Q | LED TAPE SYSTEM WITH FROSTED ARCHITECTURAL TUBE ACCESSORY | TIVOLI | TIVOTAPE | TPL-HC4-29-1-24V-PSU TPL-Q-TUBE-F-8 | - | LED 3000K CCT 280 LM/FT | WHITE | SURFACE | 4 W | 120/24V | - | 1 |
| QA | LED TAPE SYSTEM WITH ALUMINUM CHANNEL AND 20° MOUNTING CLIP ACCESSORIES | TIVOLI | TIVOTAPE | TPL-HC4-11-1-24V-PSU TPL-AL-CHAN-6 / TPL-AL-MC | - | LED 4100K CCT 300 LM/FT | WHITE | SURFACE | 4 W | 120/24V | - | 1 |
| R | 18" LENGTH LED STACK LIGHT WITH REMOTE DRIVER | LUMENPULSE | LUMENTUBE BOOKSHELF | LTB-24VDC-XX-40K-FR-MS IP58BOX100D | - | LED 4000K CCT 275 LM/FT | SILVER | STACK | 90 W | 120/24V | VODE BARTCO | 12 |
| S | STAGGERED STRIPLIGHT DIAGONAL STAGGER WITH 6" OVERLAP | BARTCO | BDS850 | BDS850-326UNV | 1 | REMARK 11 | WHITE | SURFACE | 34 W | 120 V | - | - |
| SA | STAGGERED STRIPLIGHT ADJUSTABLE SLIDING STAGGER | BARTCO | BFL254-S | BFL254-S32UNV | 2 | REMARK 11 | WHITE | SURFACE | 63 W | 120 V | - | - |
| SB | STAGGERED STRIPLIGHT DIAGONAL STAGGER WITH 6" OVERLAP | BARTCO | BDS550 | BDS550-546UNV | 1 | F54T5H0830 | WHITE | SURFACE | 62 W | 120 V | - | - |
| TA | THEATRICAL PAR | ETC | SOURCE FOUR PAR-EA | PAR-EA / 407CF / 400SC / 400CC / 400-LS4 | 1 | HPL 375/115X | BLACK | PIPE | 375 W | 120 V | - | 13 |
| TB | THEATRICAL PAR WITH RED COLOR FILTER | ETC | SOURCE FOUR PAR-EA | PAR-EA / 407CF / 400SC / 400CC / 400-LS4 ROSCO RED GEL | 1 | HPL 375/115X | BLACK | PIPE | 375 W | 120 V | - | 13 |
| TC | THEATRICAL PAR WITH BLUE COLOR FILTER | ETC | SOURCE FOUR PAR-EA | PAR-EA / 407CF / 400SC / 400CC / 400-LS4 ROSCO BLUE GEL | 1 | HPL 375/115X | BLACK | PIPE | 375 W | 120 V | - | 13 |
| TD | COLOR-CHANGING LED FLOODLIGHT | TRAXON | WALL WASHER XB RGB | XB.WE.S2161 | - | LED RGB 1000 LM | BLACK | SURFACE | 54 W | 120 V | LUMENPULSE COLOR KINETICS | 2 |
| X | LED EXIT SIGN - SINGLE FACE WITH RED LETTERS | LITHONIA | QUANTUM | LOC-1R | - | LED | BLACK / ALUMINUM | SURFACE | 3 W | 120 V | SURE-LITES DUAL-LITE HUBBELL | 3 |
| Z2 | 2' LENGTH LINEAR LED LUMINAIRE WITH 120° LIGHT DISTRIBUTION, #90 DEGREE ADJUSTABILITY, AND END-TO-END CONNECTORS. | LUMENPULSE | LUMENCOVE HO | LCS HO-120-24-40K-CL-FT-WH-ND | - | LED 4000K CCT 700 LM/FT | WHITE | SURFACE | 24 W | 120 V | COLOR KINETICS TRAXON | - |
| Z3 | 3' LENGTH LINEAR LED LUMINAIRE WITH 120° LIGHT DISTRIBUTION, #90 DEGREE ADJUSTABILITY, AND END-TO-END CONNECTORS. | LUMENPULSE | LUMENCOVE HO | LCS HO-120-36-40K-CL-FT-WH-ND | - | LED 4000K CCT 700 LM/FT | WHITE | SURFACE | 36 W | 120 V | COLOR KINETICS TRAXON | - |
| Z4 | 4' LENGTH LINEAR LED LUMINAIRE WITH 120° LIGHT DISTRIBUTION, #90 DEGREE ADJUSTABILITY, AND END-TO-END CONNECTORS. | LUMENPULSE | LUMENCOVE HO | LCS HO-120-48-40K-CL-FT-WH-ND | - | LED 4000K CCT 700 LM/FT | WHITE | SURFACE | 48 W | 120 V | COLOR KINETICS TRAXON | - |
| Z8 | 8' LENGTH LINEAR LED LUMINAIRE WITH 120° LIGHT DISTRIBUTION, #90 DEGREE ADJUSTABILITY, AND END-TO-END CONNECTORS. | LUMENPULSE | LUMENCOVE HO | LCS HO-120-86-40K-CL-FT-WH-ND | - | LED 4000K CCT 700 LM/FT | WHITE | SURFACE | 96 W | 120 V | COLOR KINETICS TRAXON | - |

LUMINAIRE SCHEDULE REQUIREMENTS:

- SUBMIT SHOP DRAWINGS FOR EACH LUMINAIRE, BALLAST, AND LAMP TYPE USED ON PROJECT.
- CONTRACTOR SHALL FIELD VERIFY VOLTAGE OF ALL LUMINAIRES PRIOR TO ORDERING.
- PHILIPS, OSRAM/SYLVANIA, G.E., CREE, NICHIA, XICATO, AND SAMSUNG ARE ACCEPTABLE LED MANUFACTURERS.
- LED LUMINAIRES SHALL BE PROVIDED WITH MINIMUM 5-YEAR WARRANTY AND INTEGRAL SURGE PROTECTION. LED MODULES AND DRIVERS SHALL BE FIELD-REPLACEABLE.
- PHILIPS, OSRAM/SYLVANIA, AND G.E. ARE ACCEPTABLE FLUORESCENT LAMP MANUFACTURERS.
- PROVIDE FACTORY INSTALLED INTEGRAL DISCONNECTING MEANS FOR ALL LUMINAIRES. QUICK-PLUG-TYPE DISCONNECTS SHALL BE PROVIDED IN LIEU OF WIRENUT CONNECTIONS FOR ALL LUMINAIRES.
- ALL FLUORESCENT LUMINAIRES SHALL BE PAINTED AFTER FABRICATION. HOUSINGS FOR RECESSED FLUORESCENT LUMINAIRES SHALL HAVE A MINIMUM DEPTH OF 4". PROVIDE EXTRUDED ALUMINUM TYPE DOOR FRAMES WHERE LUMINAIRES ARE SPECIFIED WITH ALUMINUM DOOR FRAMES.
- ALL FLUORESCENT LAMPS SHALL BE LOW MERCURY TOLP COMPLIANT TYPE.
- UNIVERSAL LIGHTING TECHNOLOGIES, OSRAM/SYLVANIA, ADVANCE, G.E., TRIAD, AND LUTRON ARE ACCEPTABLE BALLAST MANUFACTURERS FOR COMPACT FLUORESCENT LAMPS.
- BALLASTS FOR LINEAR FLUORESCENT T8 LAMPS SHALL BE GE ULTRASTART SERIES (OR EQUAL BY ADVANCE, SYLVANIA, OR UNIVERSAL). BALLAST CHARACTERISTICS SHALL BE: PROGRAMMED START, OPERATING VOLTAGE RANGE OF 120-277V ± 10%, BALLAST FACTOR GREATER THAN 0.85 (UNLESS OTHERWISE NOTED), T.H.D. OF 10% OR LESS, P.F. GREATER THAN 0.95, AND A FIVE YEAR WRITTEN REPLACEMENT WARRANTY FROM DATE OF MANUFACTURE.
- BALLASTS FOR LINEAR FLUORESCENT T5 AND T9HO LAMPS SHALL BE GE ULTRASTART SERIES (OR EQUAL BY ADVANCE, SYLVANIA, OR UNIVERSAL). BALLAST CHARACTERISTICS ARE: PROGRAMMED START, OPERATING VOLTAGE RANGE OF 120-277V ± 10%, BALLAST FACTOR GREATER THAN 0.89 (UNLESS OTHERWISE NOTED), T.H.D. OF 10% OR LESS, P.F. GREATER THAN 0.95, AND A FIVE YEAR WRITTEN REPLACEMENT WARRANTY FROM DATE OF MANUFACTURE.
- BALLASTS FOR COMPACT FLUORESCENT LAMPS SHALL BE ELECTRONIC.

LUMINAIRE SCHEDULE REMARKS:

- PROVIDE POWER SUPPLIES AND ANY OTHER COMPONENTS REQUIRED FOR COMPLETE AND OPERABLE SYSTEM BASED ON RUN LENGTHS INDICATED ON PLANS. PROVIDE MOUNTING ACCESSORIES AS INDICATED.
- PROVIDE WITH TRAXON LIGHT-DRIVE RGB DMX CONTROLLER AND ANY OTHER COMPONENTS REQUIRED FOR A COMPLETE AND OPERATION CONTROL SYSTEM. REFER TO SHEET EL1.4 FOR LOCATION AND ADDITIONAL INFORMATION.
- REFER TO DRAWINGS FOR MOUNTING REQUIREMENTS SUCH AS WALL MOUNT, END MOUNT, CEILING MOUNT AND PROVIDE LUMINAIRES ACCORDINGLY. PROVIDE DIRECTIONAL ARROWS AS INDICATED ON DRAWINGS.
- CONTRACTOR TO VERIFY EXACT WALL DIMENSIONS PRIOR TO ORDERING. PROVIDE ALL NECESSARY SYSTEM CONNECTORS TO ENSURE CONTINUOUS RUN FROM WALL TO WALL WITH UNLIT PORTION NOT TO EXCEED 6" AT EITHER END.
- PROVIDE 3000K PAR30 LED RETROFIT LAMPS BY TCP OR APPROVED EQUAL: (1) LED14P30D30KFL (1) LED14P30D30KFL PROVIDE DERATING LABEL FOR 40W.
- PROVIDE 3000K PAR30 LED RETROFIT LAMPS BY TCP OR APPROVED EQUAL: (2) LED14P30D30KFL PROVIDE DERATING LABEL FOR 40W.
- PROVIDE 3000K PAR30 LED RETROFIT LAMPS BY TCP OR APPROVED EQUAL: (2) LED14P30D30KFL (2) LED14P30D30KFL PROVIDE DERATING LABEL FOR 80W.
- PROVIDE 4100K PAR38 LED RETROFIT LAMP BY TCP OR APPROVED EQUAL: (1) LED17P38D41KFL PROVIDE DERATING LABEL FOR 25W.
- PROVIDE 4100K PAR38 LED RETROFIT LAMP BY TCP OR APPROVED EQUAL: (1) LED17P38D41KFL PROVIDE DERATING LABEL FOR 25W.
- PROVIDE 4100K 32W LONG LIFE TRT COMPACT FLUORESCENT LAMPS WITH MINIMUM 20,000 HOUR RATED LIFE.
- PROVIDE 4100K 20W ENERGY SAVING 48" T8 LINEAR FLUORESCENT LAMPS.
- LUMINAIRE TO BE CONTINUOUS FOR RUN LENGTHS INDICATED ON PLANS. PROVIDE END AND INTERMEDIATE SECTIONS AS REQUIRED TO MEET DESIGN INTENT. PROVIDE REMOTE POWER SUPPLY SIZED AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE 6" CORD LENGTH WITH PLUG TO MATCH EXISTING RECEPTACLES. CONTRACTOR TO FIELD-VERIFY PRIOR TO ORDERING LUMINAIRES.
- LUMINAIRE TO BE INSTALLED FLUSH WITH CEILING PLANE. COORDINATE WITH CEILING INSTALLATION.
- CONTRACTOR TO FIELD-VERIFY DIAMETER OF EXISTING POLE PRIOR TO ORDERING LUMINAIRES. PROVIDE CORRESPONDING FLUSH MOUNT OPTION BASED ON DIAMETER OF POLE.
- PROVIDE NEW BASE COVER AND 20'-0" HEIGHT ROUND, TAPERED ALUMINUM POLE. PROVIDE FACTORY INSTALLED VIBRATION DAMPENERS ON POLE. BASE COVER AND POLE SHALL HAVE FACTORY POWDER PAINTED FINISH TO MATCH LUMINAIRE.
- LUMINAIRE TO BE PROVIDED WITH REMOTE DRIVER LOCATED IN NEAREST ACCESSIBLE CEILING. REFER TO PLANS FOR ADDITIONAL INFORMATION.

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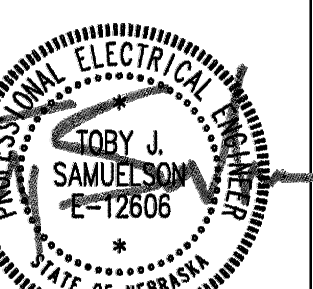
REVISION 1
Nebraska Union
First Floor
Selective Refurbishment
1400 R Street
Lincoln, Nebraska

UNL PROJECT NUMBER: C026P336

ELECTRICAL SCHEDULES

ADDENDUM 001 - 14 AUGUST 2013

HOLLAND BASHAM ARCHITECTS
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119 SOUTH 49th AVENUE
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(402) 551-0800



PROJECT: 13037
DATE: 02 AUGUST 2013

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