

CADILLAC PLACE - UIA LOBBY REDESIGN

186/23271.MNB



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STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
STATE FACILITIES ADMINISTRATION
DESIGN AND CONSTRUCTION DIVISION
ADAM P. LACH, RA, NCARB, DIRECTOR

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COMMERCIAL CODES CURRENTLY IN EFFECT

MRCEB (MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS 2015) - ALTERATIONS LEVEL 2, WORK AREA METHOD
ICC/ANSI A117.1. 2009 & MICHIGAN BARRIER FREE DESIGN LAW OF PUBLIC ACT 1 OF 1966 AS AMENDED
PART 7 PLUMBING CODE 2021 SECOND PRINTING OF THE INTERNATIONAL PLUMBING CODE (MPC 2021)
PART 8 ELECTRICAL CODE 2023 SECOND PRINTING OF THE NATIONAL ELECTRICAL CODE (NEC 2023)
PART 9.A. MECHANICAL CODE 2021 INTERNATIONAL MECHANICAL CODE (MMC 2021)
FUEL GAS: IFGC 2015 (INTERNATIONAL FUEL GAS CODE 2015)
INTERNATIONAL FIRE CODE - 2021, AS REFERENCED IN THE 2021 MICHIGAN MECHANICAL CODE
NFPA 13 (2014)
NFPA 12 (2014)
MICHIGAN ENERGY CODE 2015 - CHAPTER 19 OF THE MICHIGAN BUILDING CODE & MEC 2015
MICHIGAN ENERGY CODE 2015) - CHAPTERS 4 & MICHIGAN ENERGY CODE, PART 10a. RULES
(ANSI/ASHRAE 90.1-2013)

GENERAL CONSTRUCTION LEGEND

	EXISTING CONSTRUCTION TO REMAIN.
	EXISTING CONSTRUCTION TO BE REMOVED.
	NEW PARTITION CONSTRUCTION TO 12'-11 3/4" A.F.F. - NEW 3 5/8" 20 GAUGE METAL STUDS AT 16" O.C. WITH ONE (1) NEW LAYER 5/8" GYPSUM BOARD ON ONE SIDE AND ONE (1) 7/16" LAYER OF NEW NORTH AMERICAN BULLET PROOF SHOT GUARD (PROVIDED BY BUILDING OWNER AND S.C. INSTALLED) ON THE OTHER SIDE OF METAL STUDS, COVERED OVER WITH ONE (1) LAYER OF 1/4" GYPSUM BOARD. SEE DETAIL NO. 2 ON SHEET A-501.
	NEW PARTITION CONSTRUCTION TO 12'-11 3/4" A.F.F. - NEW 3 5/8" 20 GAUGE METAL STUDS AT 16" O.C. WITH ONE (1) NEW LAYER 5/8" GYPSUM BOARD ON ONE SIDE AND ONE (1) 7/16" LAYER OF NEW NORTH AMERICAN BULLET PROOF SHOT GUARD (PROVIDED BY BUILDING OWNER AND S.C. INSTALLED) ON THE OTHER SIDE OF METAL STUDS, COVERED OVER WITH ONE (1) LAYER OF 1/4" GYPSUM BOARD. SEE DETAIL NO. 3 ON SHEET A-501.
	NEW PARTITION CONSTRUCTION TO 12'-11 3/4" A.F.F. - NEW 3 5/8" 20 GAUGE METAL STUDS AT 16" O.C. WITH ONE (1) NEW LAYER 5/8" GYPSUM BOARD ON ONE SIDE AND ONE (1) 7/16" LAYER OF NEW NORTH AMERICAN BULLET PROOF SHOT GUARD (PROVIDED BY BUILDING OWNER AND S.C. INSTALLED) ON THE OTHER SIDE OF METAL STUDS, COVERED OVER WITH ONE (1) LAYER OF 1/4" GYPSUM BOARD. SEE DETAIL NO. 6 ON SHEET A-501.
	NEW PARTITION CONSTRUCTION TO 7'-10" A.F.F. - NEW 3 5/8" 20 GAUGE METAL STUDS AT 16" O.C. WITH ONE (1) NEW LAYER 5/8" GYPSUM BOARD ON ONE SIDE AND ONE (1) 7/16" LAYER OF NEW NORTH AMERICAN BULLET PROOF SHOT GUARD (PROVIDED BY BUILDING OWNER AND S.C. INSTALLED) ON THE OTHER SIDE OF METAL STUDS, COVERED OVER WITH ONE (1) LAYER OF 1/4" GYPSUM BOARD. SEE DETAIL NO. 4 ON SHEET A-501.
	NEW PARTITION CONSTRUCTION TO EXISTING LAY-IN CEILING AT 8'-0" A.F.F. - ONE (1) LAYER 5/8" GYPSUM BOARD EACH SIDE OF 3 5/8" 20 GAUGE METAL STUDS AT 16" O.C. WITH 1/2" SOUND ATTENUATING BATT INSULATION BETWEEN STUDS AND 2'-0" EACH SIDE OF PARTITION ABOVE CEILING. SEE DETAIL NO. 7 ON SHEET A-501.

CODE INFORMATION

BUILDING CODE: MRCEB (MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS 2015) - ALTERATIONS LEVEL 2, WORK AREA METHOD

BUILDING USE GROUP: B

BUILDING CONSTRUCTION TYPE: 1B

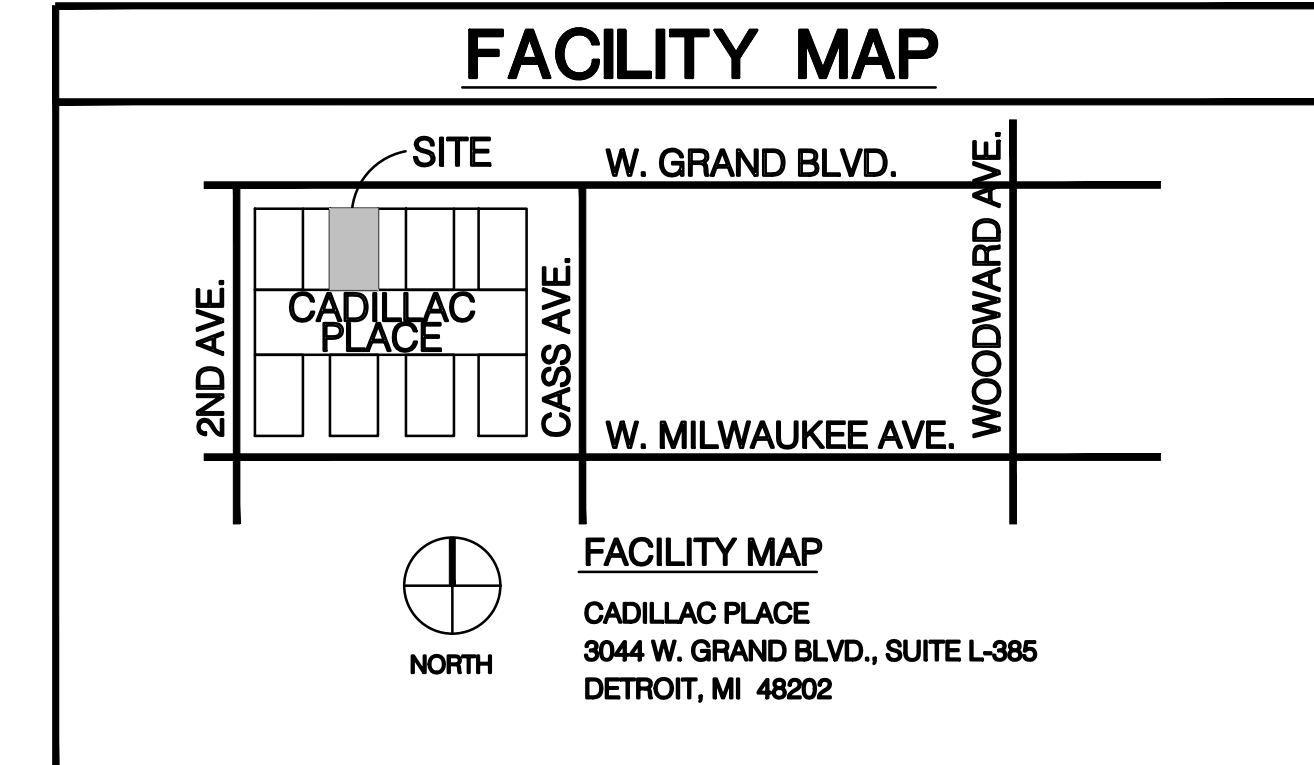
FIRE SUPPRESSION: FULLY SPRINKLED

AREA CALCULATIONS

AREA: 6,571 S.F.

OCCUPANTS: 6,571 / 100 = 66

FACILITY MAP



GENERAL NOTES & SPECIFICATIONS

DEMOLITION:

ON ALL WALLS TO BE DEMOLISHED, ABANDON ALL EXISTING ELECTRICAL OR DATA/COMMUNICATIONS OUTLETS, WIRE AND ALL RELATED CONDUIT BACK TO NEAREST BASE BUILDING JUNCTION BOX.

CONSTRUCTION:

DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ON FLOOR PLAN ARE TO FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.

CONTRACTOR(S) SHALL VERIFY ALL EXISTING FIELD CONDITIONS AND DIMENSIONS WITH RESPECT TO THE WORK DESCRIBED IN THESE DOCUMENTS. REPORT ANY INCONSISTENCIES TO DS ARCHITECTS, INC. PRIOR TO BEGINNING ANY WORK OR FABRICATION.

CONTRACTOR(S) SHALL PROVIDE ALL NECESSARY LABOR, MATERIALS AND EQUIPMENT FOR THE WORK DESCRIBED IN THESE DOCUMENTS UNLESS CLEARLY NOTED 'NOT IN CONTRACT' (N.I.C.). EXISTING WORK ADJACENT TO, OR IN THE AREA OF NEW WORK SHALL BE PROTECTED BY ALL SUITABLE MEANS NECESSARY TO PREVENT OR MINIMIZE DAMAGE. WHERE EXISTING WORK IS TO BE REMOVED OR ALTERED, RESTORE ADJACENT FINISH TO ORIGINAL CONDITION. EXTEND/REFINISH ALL FRAMES, BASE AND TRIM WHERE CUTTING HAS EXPOSED ANY UNFINISHED SURFACES. REPAIR ANY DAMAGE TO EXISTING WORK AND RESTORE TO ORIGINAL CONDITION.

LOCATE PARTITIONS AT DIMENSIONS SHOWN ON DRAWINGS - NOTIFY DS ARCHITECTS, INC. OF ANY DISCREPANCIES WITH LOCATIONS INDICATED ON LAYOUT. SECURELY ATTACH RUNNERS TO FLOOR AND CEILING GRID WITH SUITABLE FASTENERS. ANCHOR RUNNER ENDS AT DOOR FRAMES. ANCHOR ALL STUDS ADJACENT TO DOOR AND SIDELITE FRAMES, PARTITION INTERSECTIONS, AND CORNERS TO FLOOR AND CEILING RUNNERS. PROVIDE BRACING ABOVE CEILING AT DOOR FRAMES AND WALL-HUNG MILLWORK. SECURE INTERMEDIATE STUDS WITH USS METAL LOCK FASTENER OR EQUIVALENT.

ALL DIMENSIONAL LUMBER, PLYWOOD, PARTICLE BD., FURRING AND BLOCKING SHALL BE PRESSURE TREATED/UL. CERTIFIED FIRE RETARDANT TREATED.

THE BUILDING OWNER SHALL HAVE THE 'RIGHT OF FIRST REFUSAL' OF ANY SALVAGED ITEMS. IF THE OWNER DOES NOT EXERCISE THAT RIGHT THEN DISPOSE OF ALL DISCARDED ITEMS IN A LEGAL, OFF SITE, MANNER.

DOORS NOT INDICATED BY DOOR NUMBER DESIGNATION ARE EXISTING. PAINT AND FINISH REGRESS AT DOOR STRIKES/KEEPERS WHERE BARE WOOD HAS BEEN EXPOSED BY BORING OR OTHER HARDWARE PREP. SEAL ALL EDGES OF DOOR INCLUDING TOP AND BOTTOM. WOOD DOORS AND FRAMES SHALL CONFORM TO QUALITY STANDARDS OF THE ARCHITECTURAL WOODWORK INSTITUTE (AWI).

ALL DOOR SIZE DIMENSIONS GIVEN ARE APPROXIMATE. DOOR SUPPLIER SHALL FIELD VERIFY EXACT REQUIREMENTS.

ALL INTERIOR ROOM FINISHES TO MEET CLASS C FLAME SPREAD, 76-200 MAX.

CONTRACTORS SHALL KEEP WORK AREAS AND ADJACENT PUBLIC CORRIDORS AND FACILITIES FREE OF DEBRIS. MATERIALS STORED ON SITE ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE STORED IN A LOCATION APPROVED BY THE LANDLORD. NO PERSONAL RADIOS SHALL BE ALLOWED IN OCCUPIED BUILDINGS.

MILLWORK:

ALL WOODWORK/MILLWORK SHALL CONFORM TO THE QUALITY STANDARDS OF ARCHITECTURAL WOODWORK INSTITUTE (AWI) PREMIUM GRADE FOR ALL APPLICABLE SECTIONS. FABRICATOR SHALL BE FAMILIAR WITH AWI STANDARDS.

FABRICATE WOODWORK/MILLWORK ITEMS TO ACTUAL FIELD DIMENSIONS. CONTRACTOR(S) SHALL SUBMIT SHOP DRAWINGS, SAMPLES OR MANUFACTURERS LITERATURE OF ALL ITEMS. SHOP DRAWINGS SHALL SHOW SUFFICIENT DETAIL TO DETERMINE COMPLIANCE WITH QUALITY STANDARDS AND DESIGN INTENT.

PROVIDE ALL NECESSARY FURRING AND GROUNDS FOR WOODWORK AND FINISH ITEMS. COORDINATE LOCATION OF BLOCKING WITHIN PARTITIONS FOR ITEMS TO BE SECURED TO SURFACE.

CABINET INTERIORS TO RECEIVE CABINET LINER OR BE CONSTRUCTED OF MELAMINE-FUSED FINISH HIGH DENSITY PARTICLE BOARD.

ALL FASTENERS SHALL BE CONCEALED. ALL HINGES SHALL BE CONCEALED. 3-WAY ADJUSTABLE SELF CLOSING TYPE BY 'STANLEY', 'BLUM', 'GRASS' OR 'HAFELE'. ALL DRAWER SLIDES SHALL BE BALL-BEARING, FULL EXTENSION TYPE BY 'ACCURIDE' OR 'GRANT'. USE LOAD RATINGS FOR APPLICATION AS RECOMMENDED BY MANUFACTURER.

Architect



Electrical Engineer

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Alternates

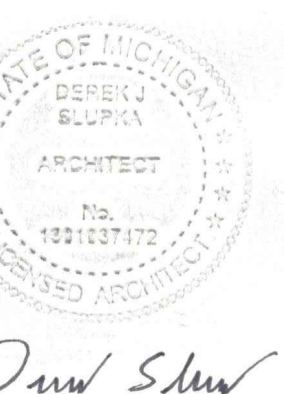
NONE.

PROJECT DESCRIPTION
CADILLAC PLACE - UIA LOBBY
REDESIGN

COVER SHEET

PROJECT NO. 186/23271.MNB
INDEX
PCA
DRAWN BY BKO
DESIGNED BY D/S
CHECKED BY JCIENG BY

G-001



Drew Shaw



OCCUPANCIES / USE ANALYSIS PLAN
3/16" = 1'-0"



OCCUPANCY = B
USE = BUSINESS
TOTAL = 6,571 S.F.



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ADAM P. LACH, RA, NCARB, DIRECTOR

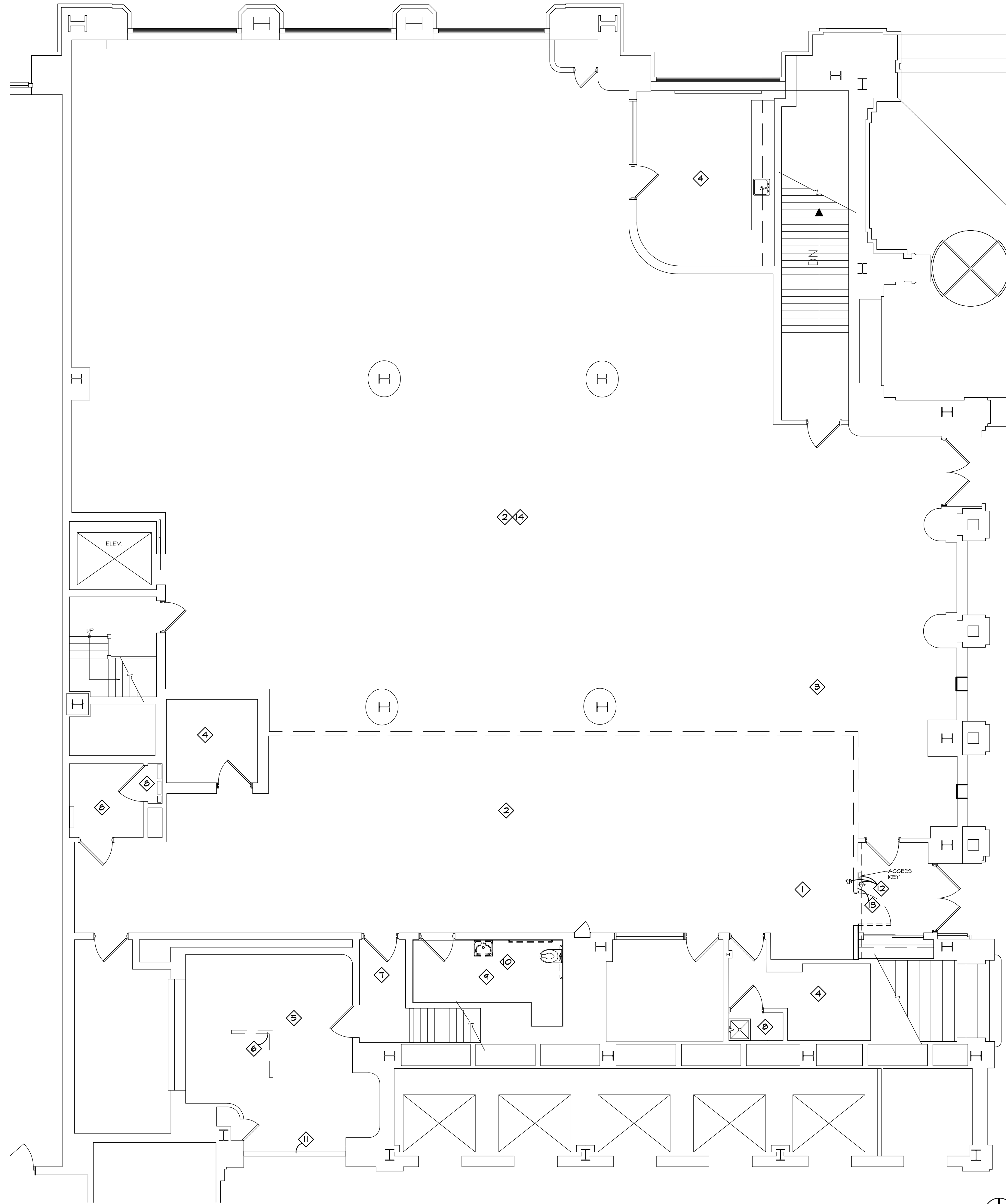
DATE	REVIEW
1/16/2025 <td>BID</td>	BID
5/30/2024 <td>PERMIT</td>	PERMIT
5/06/2024 <td>PHASE 500 100%</td>	PHASE 500 100%

PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
REDESIGN**

OCCUPANCIES / USE
ANALYSIS PLAN

PROJECT NO. 186/23271.MNB	D/S
INDEX	D/S
PCA	BKO
DRAWN BY	D/S
DESIGNED BY	D/S
JCIENG BY	

G-002



DEMOLITION PLAN
3/16" = 1'-0"



DEMOLITION NOTES

- 1 REMOVE, STORE AND PROTECT FOR LATER POSSIBLE RE-USE ALL EXISTING DOORS, FRAMES AND HARDWARE ON ANY WALL TO BE DEMOLISHED (TYPICAL THROUGHOUT). ANY OF THE ABOVE NOT REINSTALLED ARE TO BE RETURNED TO BUILDING SURPLUS LOCATION.
- 2 REMOVE AND DISPOSE OF ALL EXISTING CARPET AND RELATED BASE THROUGHOUT ENTIRE SUITE. WORK SHALL BE DONE BY TENANT'S FLOORING FINISHES CONTRACTOR (UNLESS NOTED OTHERWISE).
- 3 REMOVE AND SALVAGE ANY EXISTING INSULATION IN DEMOLISHED WALLS FOR POSSIBLE REUSE.
- 4 REMOVE ALL EXISTING VINYL COMPOSITION TILE AND RELATED BASE THROUGHOUT INDICATED ROOM/AREA. WORK SHALL BE DONE BY TENANT'S FLOORING FINISHES CONTRACTOR.
- 5 REMOVE ALL EXISTING QUARRY TILE FLOORING AND RELATED BASE THROUGHOUT INDICATED ROOM/AREA. WORK SHALL BE DONE BY TENANT'S FLOORING FINISHES CONTRACTOR.
- 6 REMOVE AND RETURN TO TENANT EXISTING STANCHIONS.
- 7 INDICATED ROOM/AREA IS WITHIN TENANT'S LEASE SPACE, HOWEVER INDICATED ROOM/AREA IS EXCLUDED FROM THIS PROJECT AND NO WORK IS TAKING PLACE WITHIN INDICATED ROOM/AREA.
- 8 REMOVE ALL EXISTING MOSAIC TILE FLOORING AND RELATED BASE THROUGHOUT INDICATED ROOM/AREA. WORK SHALL BE DONE BY TENANT'S FLOORING FINISHES CONTRACTOR.
- 9 EXISTING TO REMAIN PORCELAIN TILE FLOORING AND RELATED BASE THROUGHOUT INDICATED ROOM/AREA.
- 10 ALL RESTROOM ITEMS ARE TO BE INSTALLED PER ANSI A117.1-2009. REMOVE AND REINSTALL EXISTING WALL HUNG SINK, MIRROR AND GRAB BARS AS REQUIRED. SEE DETAIL NO. 4 ON SHEET A-501.
- 11 EXISTING TO REMAIN CEILING RECESSED ROLL UP DOOR.
- 12 INDICATED LIGHT SWITCHES AND ACCESS CARD READER TO BE REMOVED, SALVAGED AND REINSTALLED IN NEW WALL PARTITION AS REQUIRED.
- 13 EXISTING AUDIO HEADSET JACK (NOT SHOWN) IS TO BE REMOVED AND DISPOSED OF.
- 14 S.C. SHALL PROVIDE AN ON SITE DUMPSTER FOR THE TENANT'S FLOORING FINISHES CONTRACTOR TO USE FOR DISPOSING OF REMOVED FLOORING FINISHES AND NEW FLOORING FINISHES WASTE REMOVAL.



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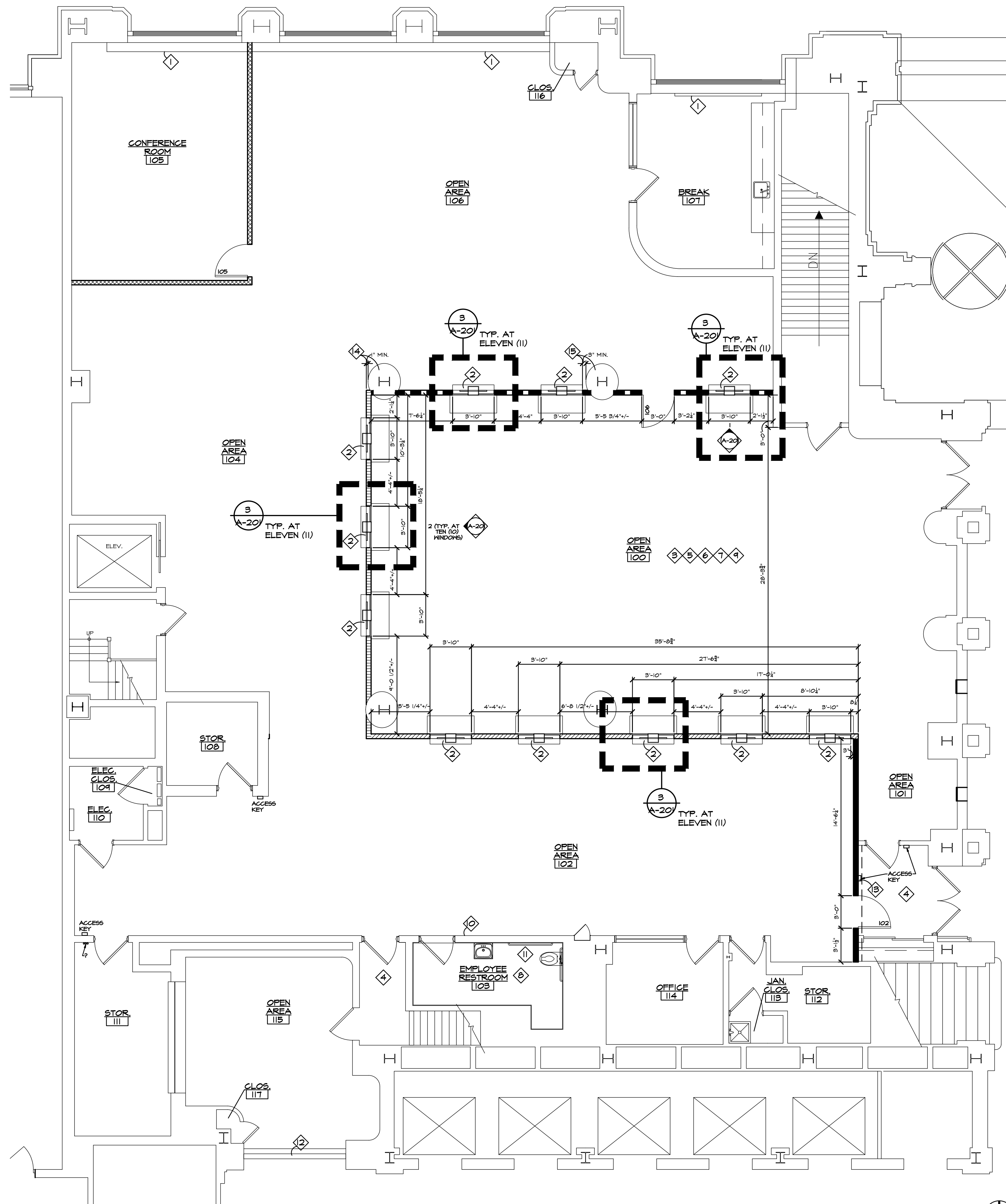
PROJECT NO. 188/23271.MNB	INDEX	PCA	DRAWN BY BKO	DESIGNED BY DJS
				JCIENG BY

PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
REDESIGN**

DEMOLITION PLAN

1/16/2025	BID		
5/30/2024	PERMIT		
5/06/2024	PHASE 500 100%		
DATE	REVIEW		

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
STATE FACILITIES ADMINISTRATION
DESIGN AND CONSTRUCTION DIVISION
ADAM P. LACH, RA, NCARB, DIRECTOR



FLOOR PLAN
3/16" = 1'-0"

CONSTRUCTION NOTES

- 1 EXISTING TO REMAIN BASE BOARD HEAT REGISTER.
- 2 PROVIDE TYPICAL NEW WINDOW WHERE SHOWN. SEE ELEVATION AND DETAIL.
- 3 PREPARE ALL EXISTING WALLS FOR NEW FINISH.
- 4 INDICATED ROOM/AREA IS WITHIN TENANT'S LEASE SPACE, HOWEVER INDICATED ROOM/AREA IS EXCLUDED FROM THIS PROJECT AND NO WORK IS TAKING PLACE WITHIN INDICATED ROOM/AREA.
- 5 PROVIDE PROPER CONSTRUCTION WORK DUST CONTROL IN ALL AREAS OF CONSTRUCTION WORK.
- 6 CONTRACTORS SHALL USE JANITORS SINK DURING CONSTRUCTION. PUBLIC MENS ROOM SINK IS OFF LIMITS FOR CONSTRUCTION NEEDS.
- 7 CONTRACTORS TO SUBMIT THREE (3) SUBMITTALS OF EACH OF THE FOLLOWING ITEMS TO DS ARCHITECTS, INC. FOR REVIEW:
CARPET
VINYL BASE
REDUCER STRIP
LUXURY VINYL TILE
PAINT
LIGHT FIXTURES
EXIT SIGNS
EMERGENCY LIGHTS
SWITCHES
GRAB BARS
DOORS, FRAMES AND HARDWARE
CEILING GRID AND TILES
- 8 ALL RESTROOM ITEMS ARE TO BE INSTALLED PER ANSI A117.1-2009. REMOVE AND REINSTALL EXISTING WALL HUNG SINK, MIRROR AND GRAB BARS AS REQUIRED. SEE DETAIL NO. 4 ON SHEET A-501.
- 9 VERIFY LOCATION OF ALL FIRE EXTINGUISHERS WITH TENANT PRIOR TO INSTALLATION TO AVOID FURNITURE CONFLICTS.
- 10 PROVIDE NEW TACTILE SIGNAGE AS REQUIRED COMPLYING WITH ANSI A117.1-2009 AT 48" - 60" A.F.F. AT BASELINE OF LETTERS TO FLOOR, AT LATCH SIDE OF DOOR.
- 11 PROVIDE NEW GRAB BAR BY 'BOBRICK' 18" #B-6806X18.
- 12 EXISTING TO REMAIN CEILING RECESSED ROLL UP DOOR.
- 13 REINSTALL SALVAGED ACCESS CARD READER AS REQUIRED.
- 14 INDICATED DIMENSION IS REQUIRED TO NOT HAVE A COLLISION WITH INDICATED COLUMN AND TENANT'S FURNITURE (NOT SHOWN) IN OPEN AREA #104.
- 15 INDICATED DIMENSION IS REQUIRED TO NOT HAVE A COLLISION WITH INDICATED COLUMN AND TENANT'S EMPLOYEE TRANSACTION-TOP (DUE TO FORTHCOMING TENANT'S FURNITURE PANEL (NOT SHOWN) IN OPEN AREA #106.

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1/16/2025	BID	PERMIT	PHASE 500 100%	Review
5/30/2024				
5/09/2024				
				DATE

PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
REDESIGN**

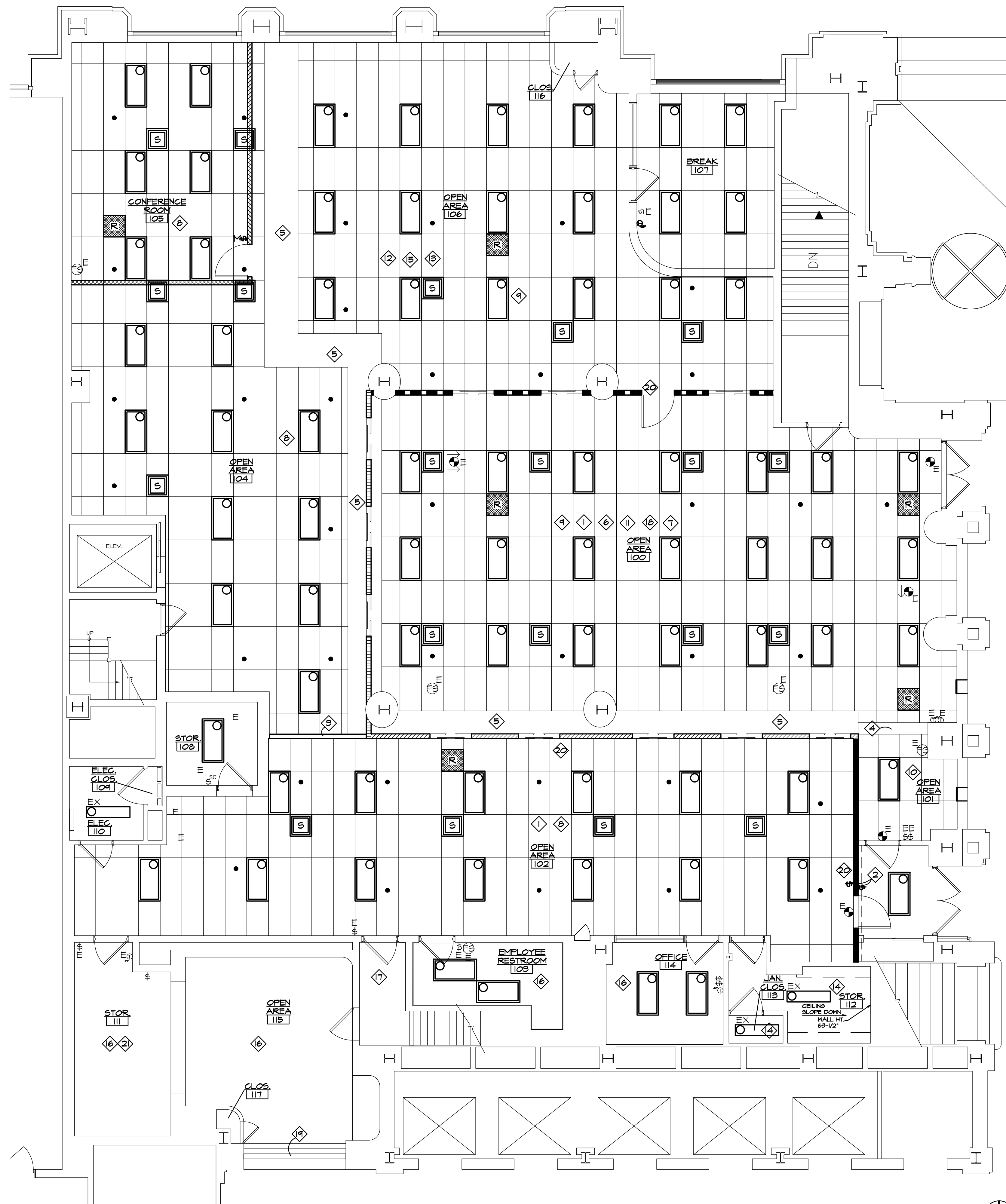
FLOOR PLAN

PROJECT NO. 188/23271.MNB	INDEX	PCA	BKO	D/S

A-101.1



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REFLECTED CEILING NOTES

- 1 ALL EXISTING CEILING GRID AND TILE TO REMAIN (TYPICAL THROUGHOUT SUITE).
- 2 REINSTALL SALVAGED LIGHT SWITCHES AS REQUIRED.
- 3 PROVIDE NEW GYPSUM BOARD BULKHEAD AT 7'-11" TO UNDER-SIDE OF BULKHEAD. SEE DETAIL NO. 8 ON SHEET A-501.
- 4 EXISTING TO REMAIN GYPSUM BOARD BULKHEAD/SOFFIT. PAINT (P-2).
- 5 EXISTING TO REMAIN GYPSUM BOARD BULKHEAD/SOFFIT AT 7'-10" A.F.F. PAINT (P-2).
- 6 ALL NEW SWITCHES AND COVER PLATES SHALL MATCH EXISTING OR APPROVED EQUAL (TYPICAL THROUGHOUT).
- 7 PROVIDE NEW TO MATCH FOR ANY DAMAGED CEILING TILE OR GRID DUE TO DEMOLITION (TYPICAL THROUGHOUT). TOUCH-UP DAMAGED, NICKED OR SCRATCHED CEILING TILES AS REQUIRED THROUGHOUT SUITE FOR CONSISTENT APPEARANCE. INSTALL IN CORRECT DIRECTION.
- 8 EXISTING TO REMAIN LAY-IN CEILING GRID AND TILE AT 8'-0" A.F.F.
- 9 EXISTING TO REMAIN LAY-IN CEILING GRID AND TILE AT 10'-11 5/8" A.F.F.
- 10 EXISTING TO REMAIN LAY-IN CEILING GRID AND TILE AT 9'-7 5/16" A.F.F.
- 11 NEW LIGHT FIXTURES THROUGHOUT SUITE, SEE ELECTRICAL FLOOR PLAN ON SHEET E-400.
- 12 REPLACE ANY EXISTING CUT CEILING TILE WITH NEW DUE TO REMOVAL OF PREVIOUS POWER POLE. INSTALL IN CORRECT DIRECTION.
- 13 CLEAN ALL EXISTING SUPPLY AIR DIFFUSERS AND AIR RETURN GRILLES (TYPICAL THROUGHOUT).
- 14 EXISTING TO REMAIN GYPSUM BOARD CEILING TO BE PAINT-ED. PAINT (P-2).
- 15 GANG ALL VARYING VOLTAGE MULTIPLE SWITCHES AS TIGHT AS POSSIBLE TOGETHER (6" ON CENTER MAXIMUM SEPARATION). GANG ALL SIMILAR VOLTAGE MULTIPLE SWITCHES INTO ONE (1) ELECTRICAL BOX WITH ONE (1) MULTIPLE SWITCH COVER PLATE (TYPICAL THROUGHOUT).
- 16 ALL EXISTING TO REMAIN LAY-IN CEILING GRID, TILE AND LIGHT FIXTURES (ALL NOT SHOWN) IN INDICATED ROOM.
- 17 INDICATED ROOM/AREA IS WITHIN TENANT'S LEASE SPACE, HOWEVER INDICATED ROOM/AREA IS EXCLUDED FROM THIS PROJECT AND NO WORK IS TAKING PLACE WITHIN INDICATED ROOM/AREA.
- 18 WHEN INSTALLING SALVAGED TILES, INSTALL IN OPEN AREAS FIRST. PLACE IN PRIVATE OFFICES IF QUANTITY ALLOWS. NO AREA/ROOM SHALL HAVE NEW AND OLD MIXED TILES. INSTALL IN CORRECT DIRECTION.
- 19 EXISTING TO REMAIN CEILING RECESSED ROLL UP DOOR.
- 20 REMOVE, MODIFY AND REINSTALL EXISTING LAY-IN CEILING GRID AND TILE TO ACCOMMODATE NEW WALL LAYOUT AS REQUIRED.
- 21 EXISTING TO REMAIN LAY-IN CEILING HEIGHT IS AT 7'-11 1/8" A.F.F.

REFLECTED CEILING PLAN
3/16" = 1'-0"



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5/30/2024	PERMIT		
5/06/2024	PHASE 500 100%		
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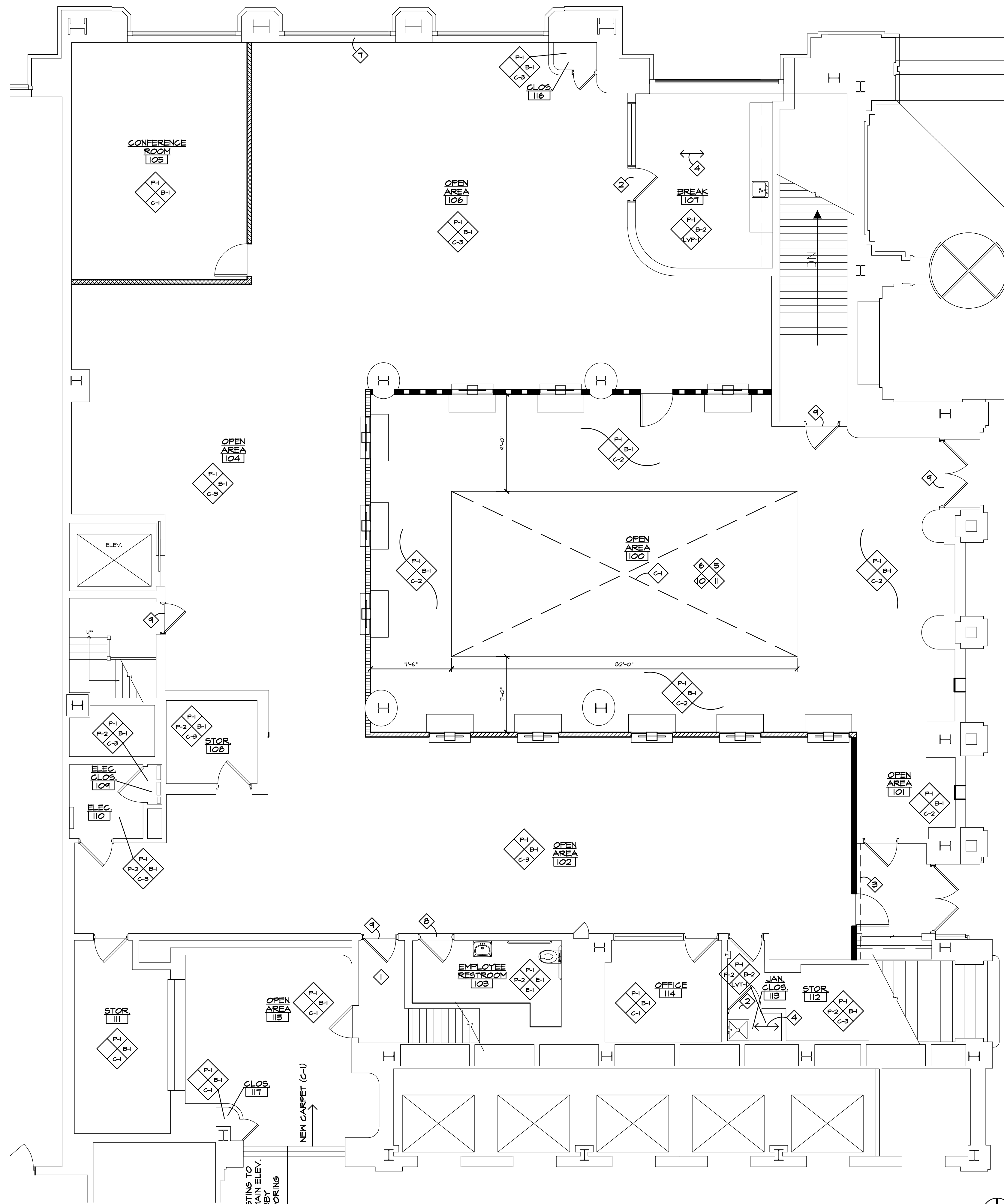
PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
REDESIGN**

REFLECTED CEILING PLAN

PROJECT NO. 188/23271.MNB	D/S
INDEX	BKO
PCA	
DRAWN BY	
DESIGNED BY	
JCIENG BY	

Derek S. Shaw

A-101.2



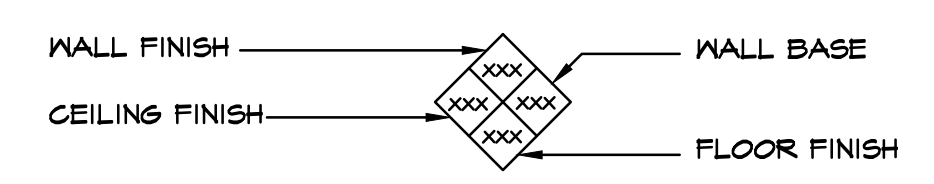
FINISH PLAN
3/16" = 1'-0"



FINISH NOTES

- ① INDICATED ROOM/AREA IS WITHIN TENANT'S LEASE SPACE, HOWEVER INDICATED ROOM/AREA IS EXCLUDED FROM THIS PROJECT AND NO WORK IS TAKING PLACE WITHIN INDICATED ROOM/AREA.
- ② FLOORING TRANSITION LINE. PROVIDE NEW CARPET TO NEW LVP FLOORING REDUCER STRIP (R-1). CENTER WITH CENTER OF DOOR WIDTH.
- ③ INDICATED DASHED LINE REPRESENTS NEW MALL TO RECEIVE NEW PAINT (P-2) AND MALL BASE (B-1) AS REQUIRED.
- ④ ARROW INDICATES NEW LVT FLOORING PLANK RUN DIRECTION.
- ⑤ CENTER ALL APPLICABLE CARPET LINES UNDER DOORS IN CLOSED POSITION.
- ⑥ ALL EXISTING WALLS ARE CURRENTLY PAINTED, UNLESS NOTED OTHERWISE.
- ⑦ EXISTING WINDOW BLINDS TO REMAIN (TYPICAL THROUGHOUT).
- ⑧ EXISTING TO REMAIN STONE THRESHOLD.
- ⑨ NEW FLOORING TRANSITION LINE. PROVIDE NEW REDUCER STRIP AS REQUIRED. CENTER WITH CENTER OF DOOR WIDTH.
- ⑩ CONTRACTOR TO REVIEW FINISH LEGEND. FINISHES B-1, B-2, C-1, C-2, C-3 AND LVP-1 AND REQUIRED PRIMER AND ADHESIVES ARE TO BE SUPPLIED BY TENANT, AND ALL FLOORING AND WALL BASE IS TO BE COORDINATED AND INSTALLED BY GENERAL CONTRACTOR.
- ⑪ 6.C. AND TENANT'S FLOORING FINISHES CONTRACTOR ARE TO DISCUSS OPEN WINDOW TIME PERIOD TO COORDINATE TIMING FOR ALL FLOORING FINISHES INSTALLATION, WHEN FLOOR WILL BE FREE OF DEBRIS, SCAFFOLDINGS AND ANY CONSTRUCTION MATERIALS FOR INSTALLATION OF ALL FLOORING FINISHES.

FINISH KEY



FINISH LEGEND

- B-1** BASE (VINYL BASE FOR NEW CARPET TILES/EXISTING CARPET TILES)
NOTE: WALL BASE IS TO BE PURCHASED BY TENANT AND INSTALLED BY TENANT. *S.C. TO COORDINATE.*
"JOHNSONITE"
STYLE: BASEWORKS TRADITIONAL 4" X 1/8" VINYL COVE BASE
COLOR: BLACK B #40
- B-2** BASE (VINYL BASE FOR AREAS WITH NEW LVT)
NOTE: WALL BASE IS TO BE PURCHASED BY TENANT AND INSTALLED BY TENANT. *S.C. TO COORDINATE.*
"JOHNSONITE"
STYLE: 1/8" X 4" VINYL COVE BASE
COLOR: BURNT UMBER B #63
- C-1** CARPET TILE
NOTE: CARPET TILE IS TO BE PURCHASED BY TENANT AND INSTALLED BY TENANT. *S.C. TO COORDINATE.*
"TARKETT"
STYLE: 24" X 24" TILE
PATTERN: MAELSTROM #04849
COLOR: BLUE SPIRIT #33201
INSTALLATION: VERTICAL ASHLAR PATTERN
- C-2** CARPET TILE
NOTE: CARPET TILE IS TO BE PURCHASED BY TENANT AND INSTALLED BY TENANT. *S.C. TO COORDINATE.*
"TARKETT"
STYLE: 24" X 24" TILE
PATTERN: TEXTURE MAP #1129
COLOR: SPACE X #42810
INSTALLATION: VERTICAL ASHLAR PATTERN
- C-3** CARPET TILE
NOTE: CARPET TILE IS TO BE PURCHASED BY TENANT AND INSTALLED BY TENANT. *S.C. TO COORDINATE.*
"TARKETT"
STYLE: 24" X 24" TILE
PATTERN: TEXTURE MAP #1129
COLOR: TOMORROWLAND #42801
INSTALLATION: VERTICAL ASHLAR PATTERN
- E-1** EXISTING TO REMAIN FINISH
- LVP-1** LUXURY VINYL PLANK
NOTE: LUXURY VINYL PLANK IS TO BE PURCHASED BY TENANT AND INSTALLED BY TENANT. *S.C. TO COORDINATE.*
"TARKETT"
STYLE: EVENT+ WOOD
COLOR: GRAFTED PLANK TRICORN 11213
SIZE: 6" X 48"
INSTALLATION: UNIDIRECTIONAL
- P-1** PAINT (WALLS)
SHERWIN WILLIAMS'
FINISH: EGGSHELL
COLOR: RESERVED WHITE #SW 7056
- P-2** PAINT (CEILING/SOFFIT)
SHERWIN WILLIAMS'
FINISH: FLAT
COLOR: HIGH REFLECTIVE WHITE #SW 7157
- PL-1** PLASTIC LAMINATE (SERVICE WINDOW TRANSACTION TOPS)
"WILSONART"
STYLE: TEXTURED GLOSS FINISH 07
COLOR: BLACK ALICANTE #4926-07
- R-1** RUBBER REDUCER STRIP (NEW CARPET TO NEW LVP)
"JOHNSONITE"
STYLE: CARPET TO LVP REDUCER STRIP
COLOR: BURNT UMBER B #63
- ST-1** STAIN (EXISTING WOOD DOOR STAIN)
MATCH EXISTING WOOD DOOR STAIN

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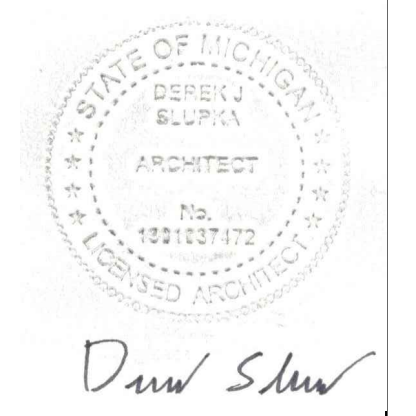
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1/16/2025	5/30/2024	5/06/2024	DATE

PROJECT DESCRIPTION
CADILLAC PLACE - UJA LOBBY REDESIGN

FINISH PLAN

PROJECT NO. 186/23271.MNB	BKO	D/S
INDEX	PCA	DESIGNED BY
		JCIENG BY

A-101.3



Drew Shaw

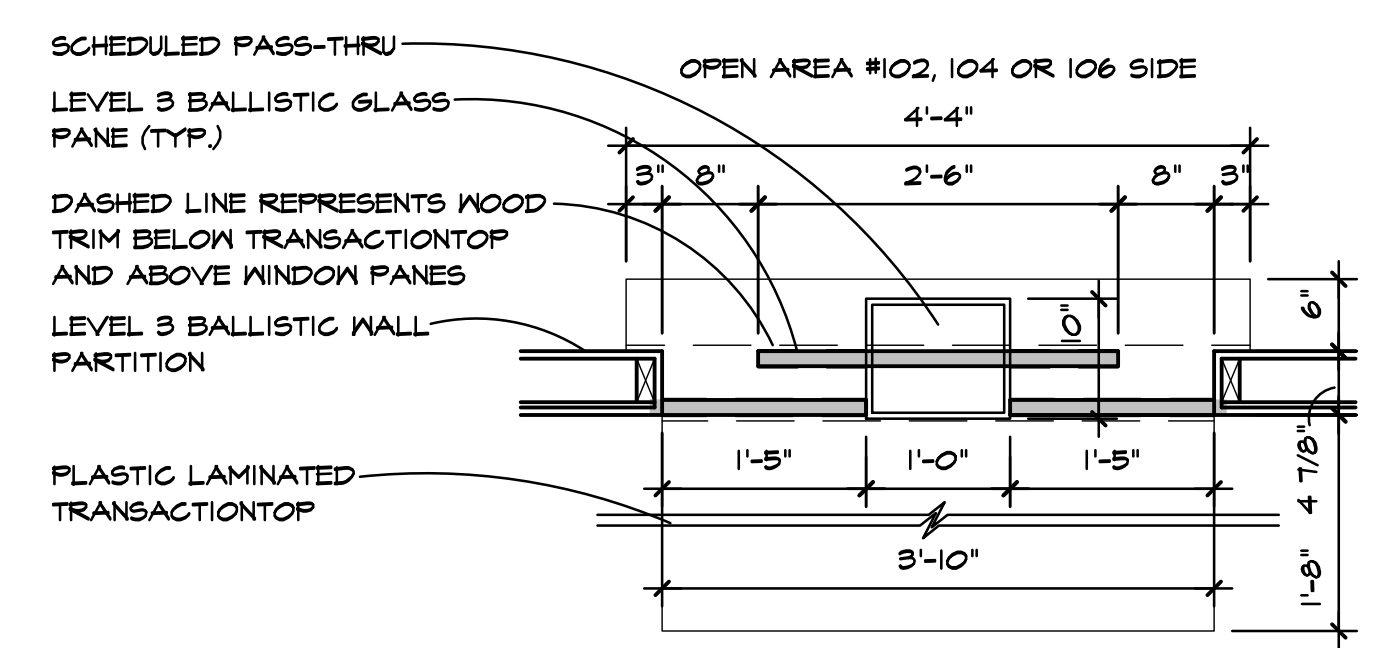
1/16/2025	BID
5/30/2024	PERMIT
5/06/2024	PHASE 500 100%
DATE	REVIEW

PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
 REDESIGN**

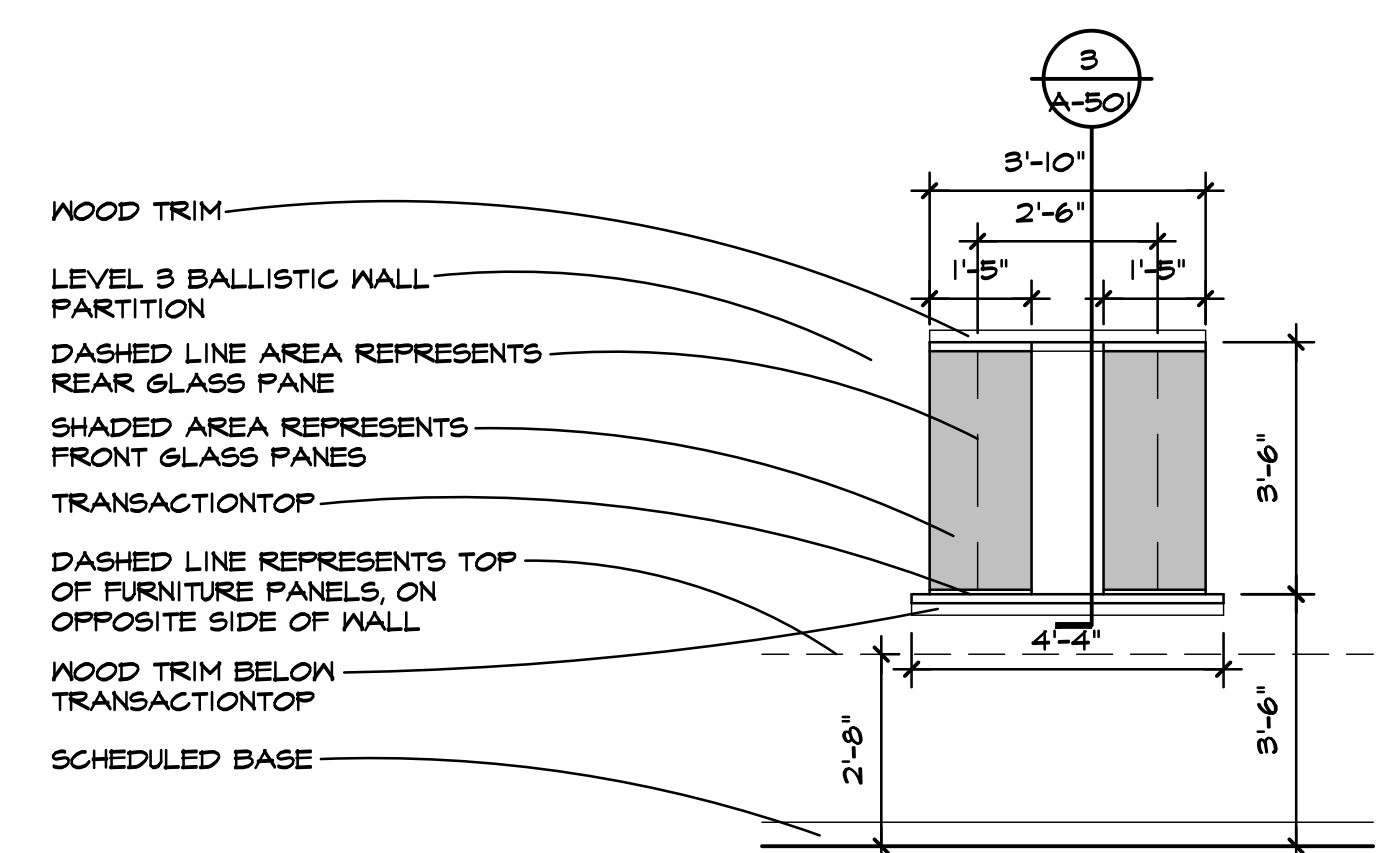
ELEVATIONS AND PLAN

PROJECT NO. 186/23271.MNB	INDEX
PCA	BKO
DRAWN BY	D/S
DESIGNED BY	JCIENG BY

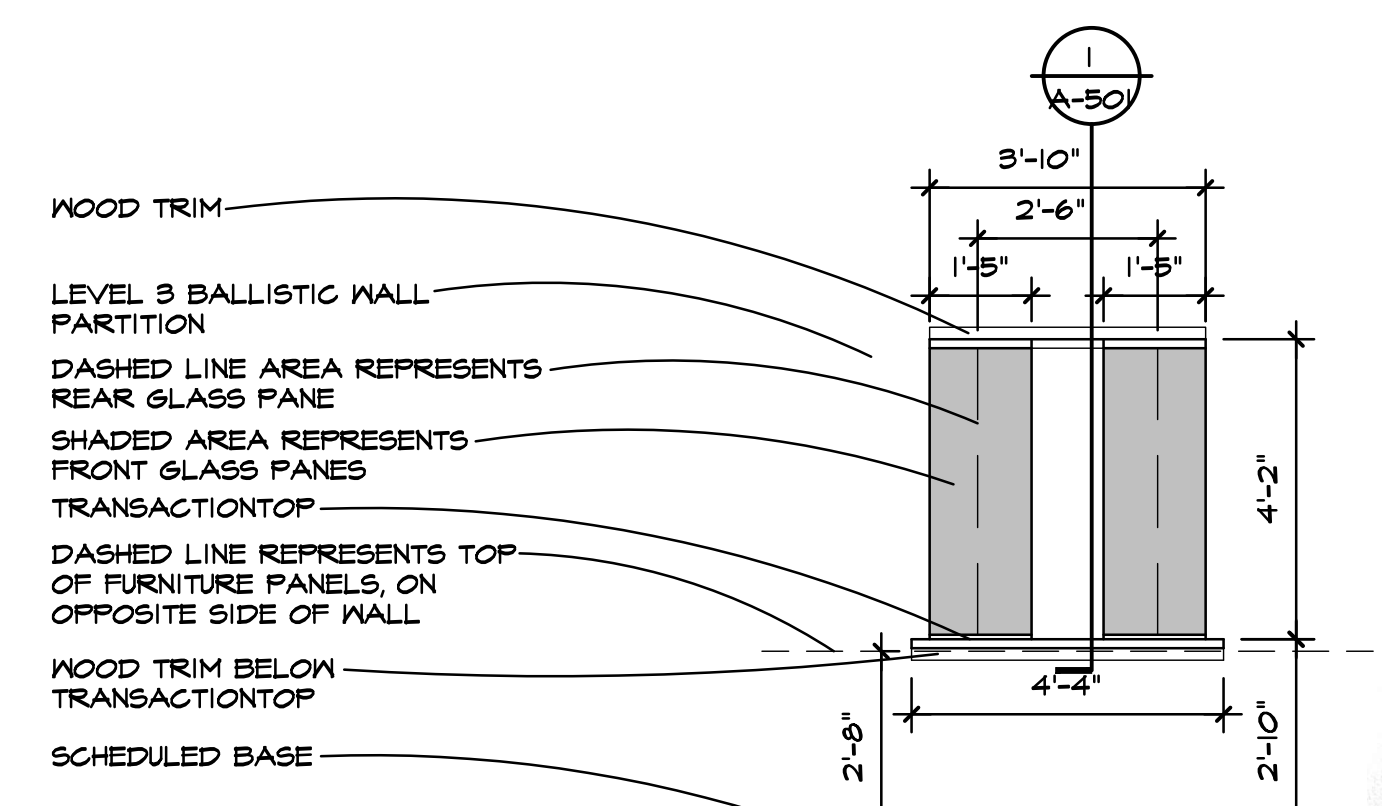
A-201



3 TRANSACTIONTOP PLAN
 A-101.1 3/4" = 1'-0"

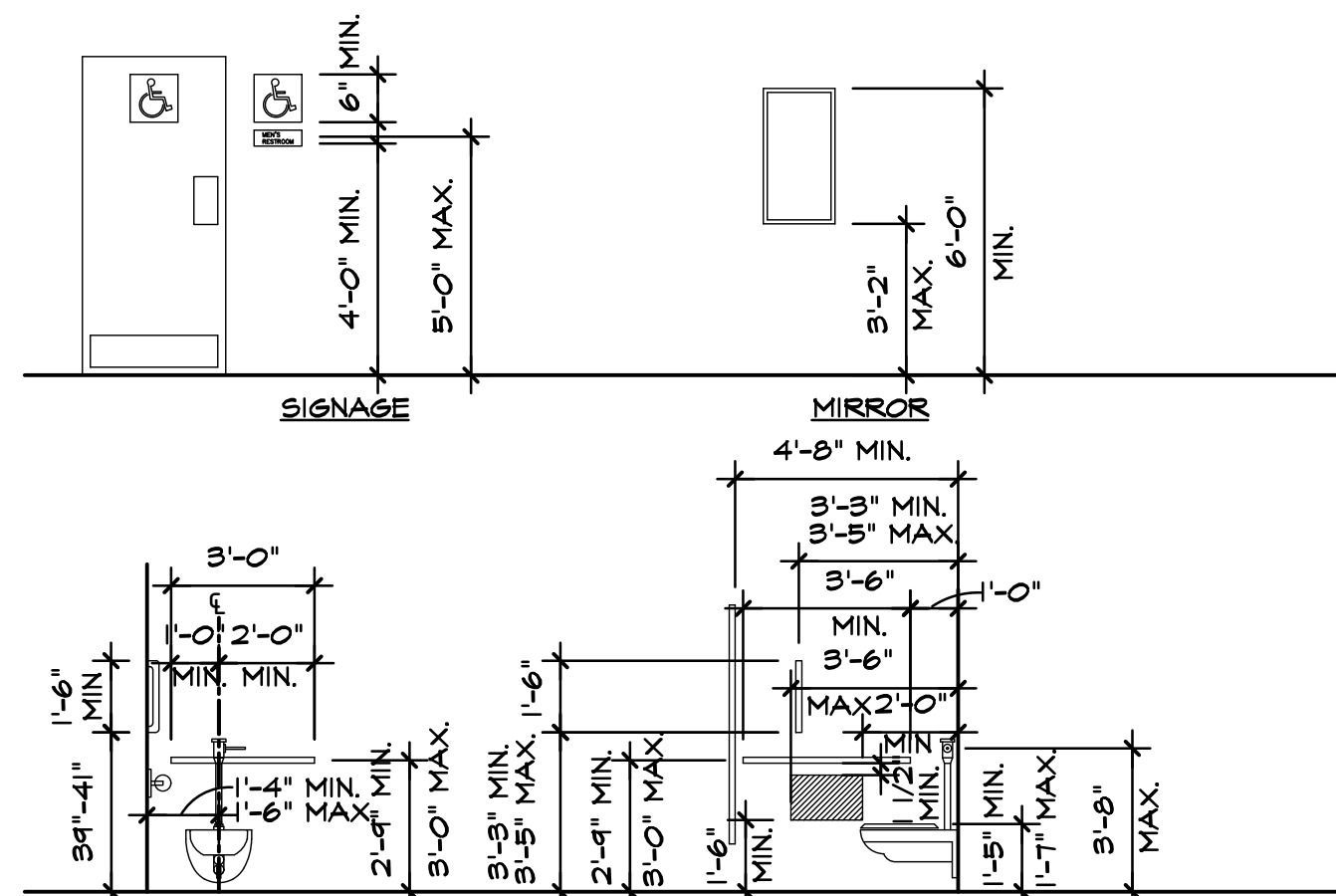


2 OPEN AREA #100 - NORTH VIEW
 A-101.1 3/8" = 1'-0"

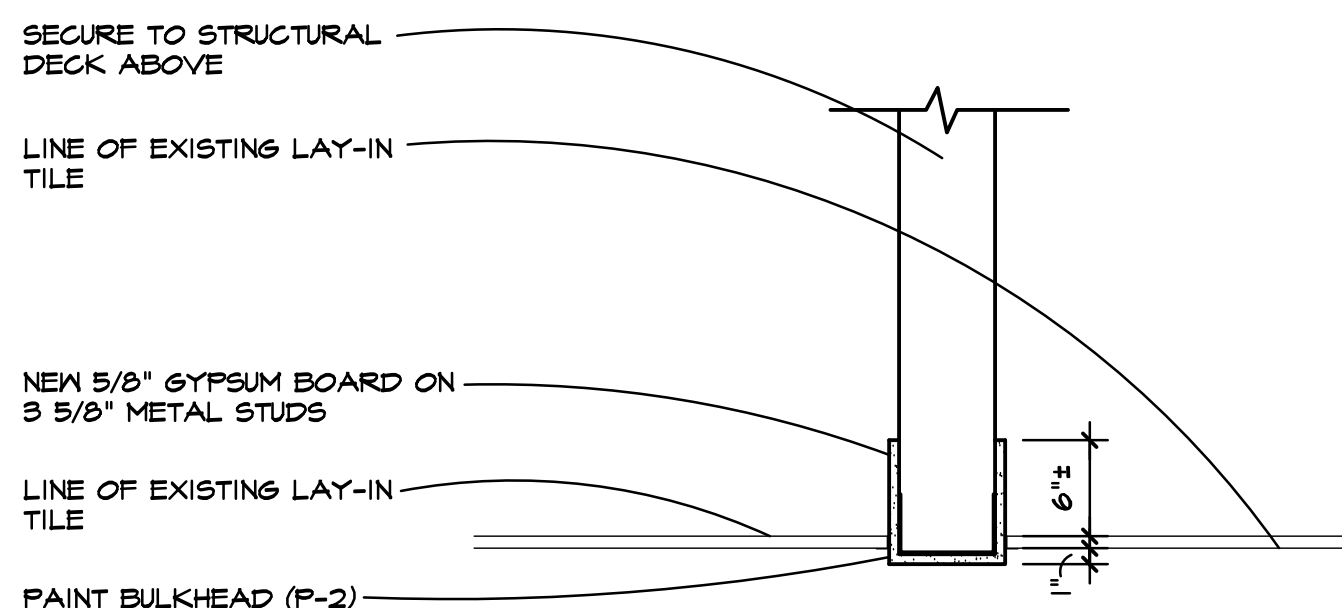


1 OPEN AREA #100 (BARRIER FREE) - WEST VIEW
 A-101.1 3/8" = 1'-0"

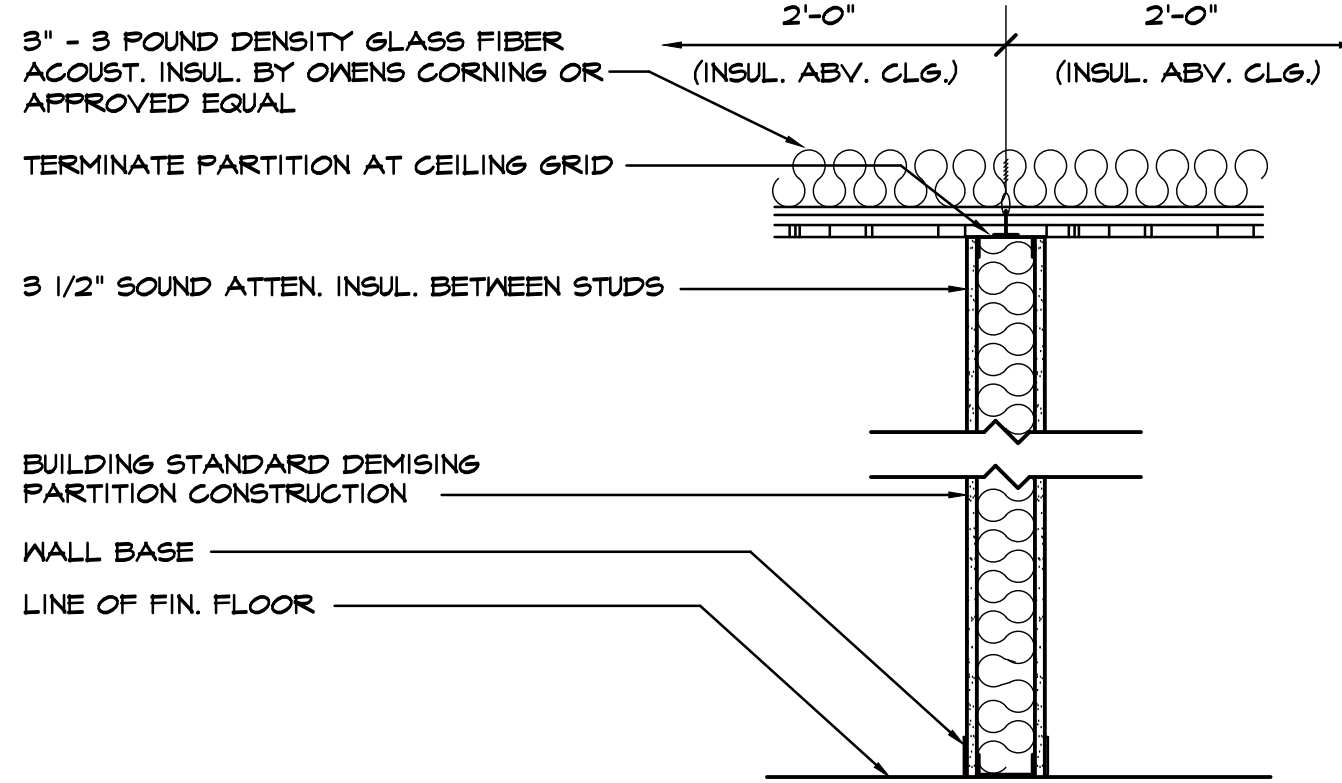
Drawn *Shw*



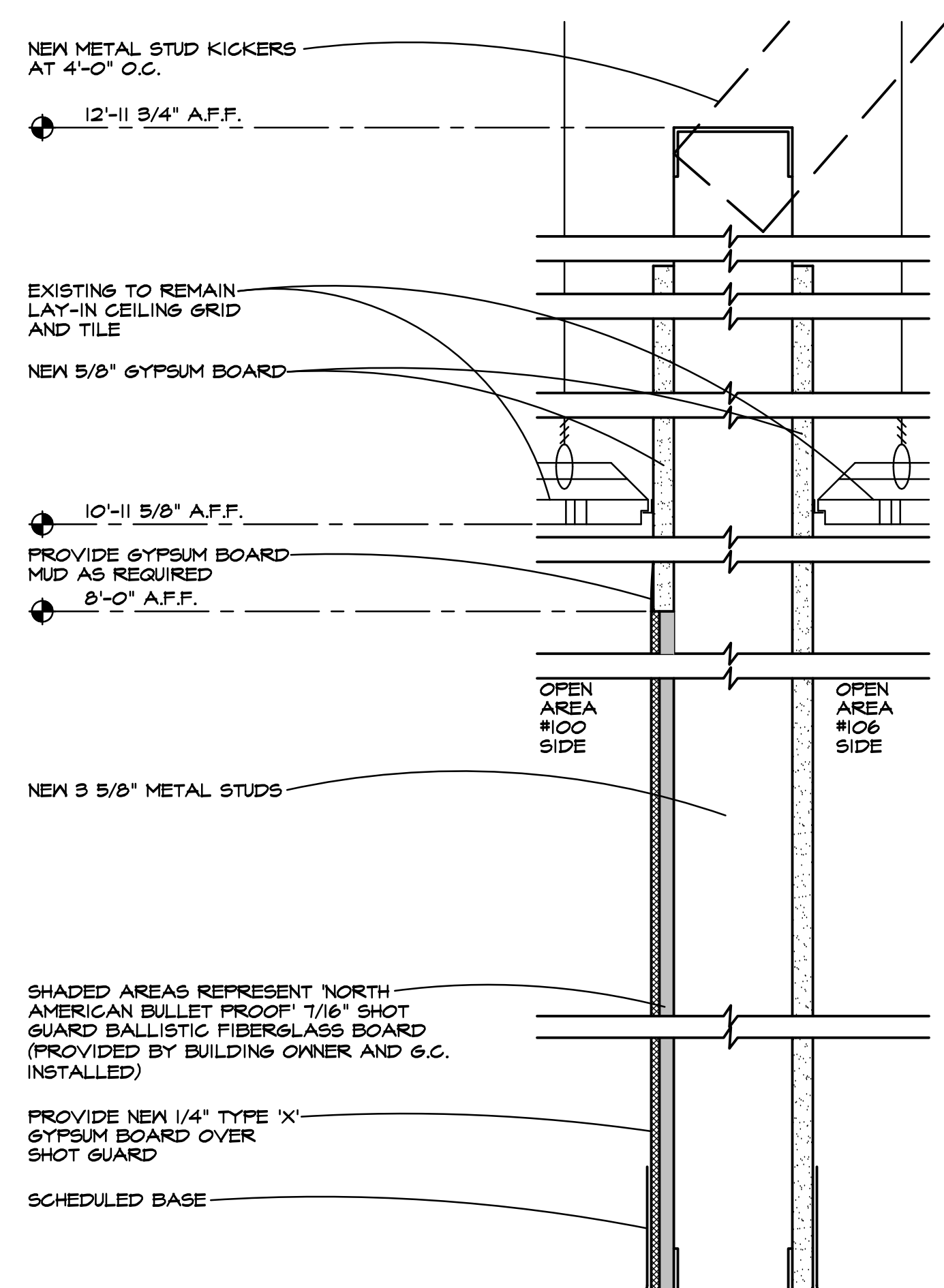
9 BARRIER FREE REQUIREMENTS
A-101.010/1/4" = 1'-0"



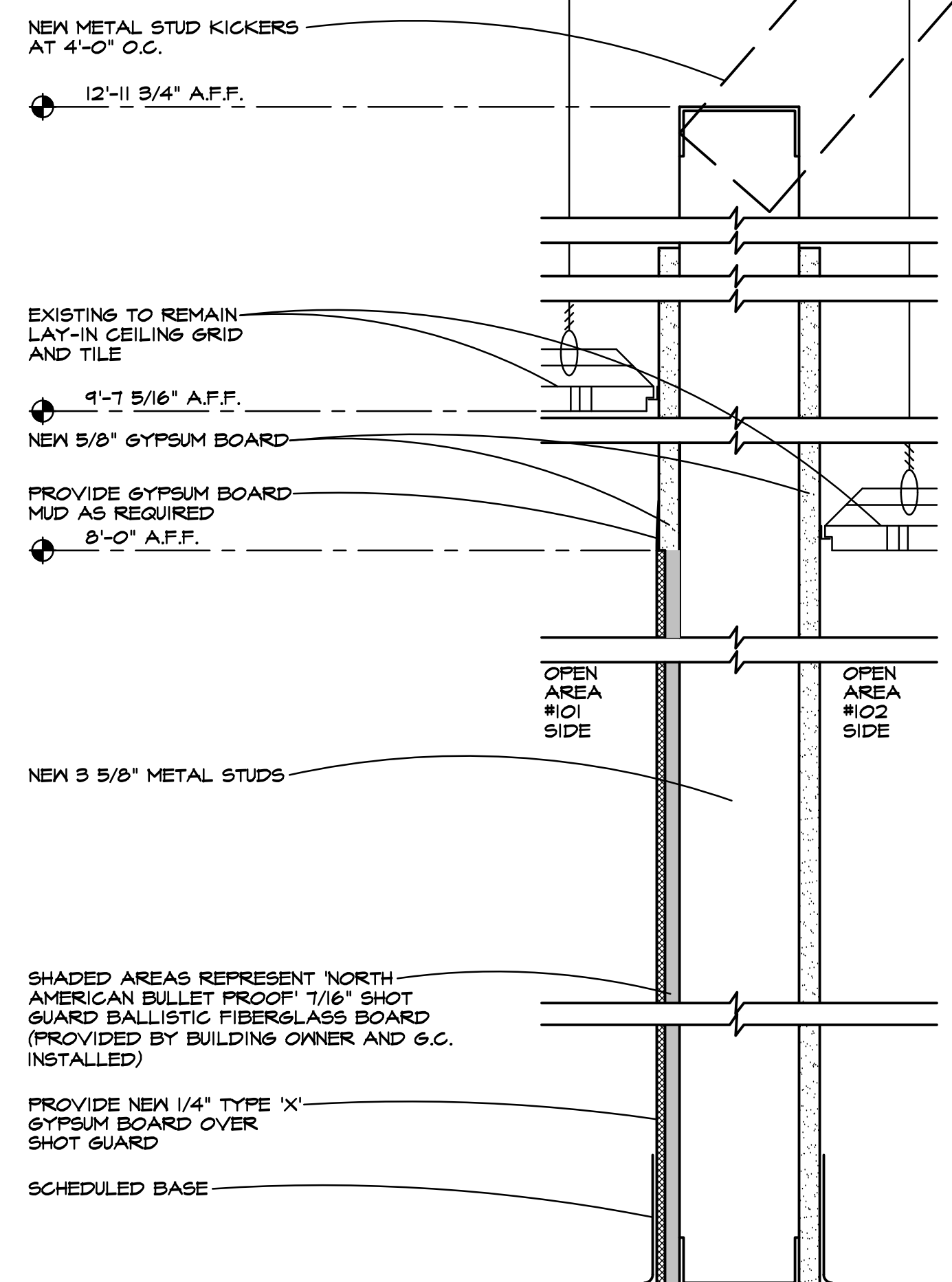
8 BULKHEAD DETAIL
A-101.2 1" = 1'-0"



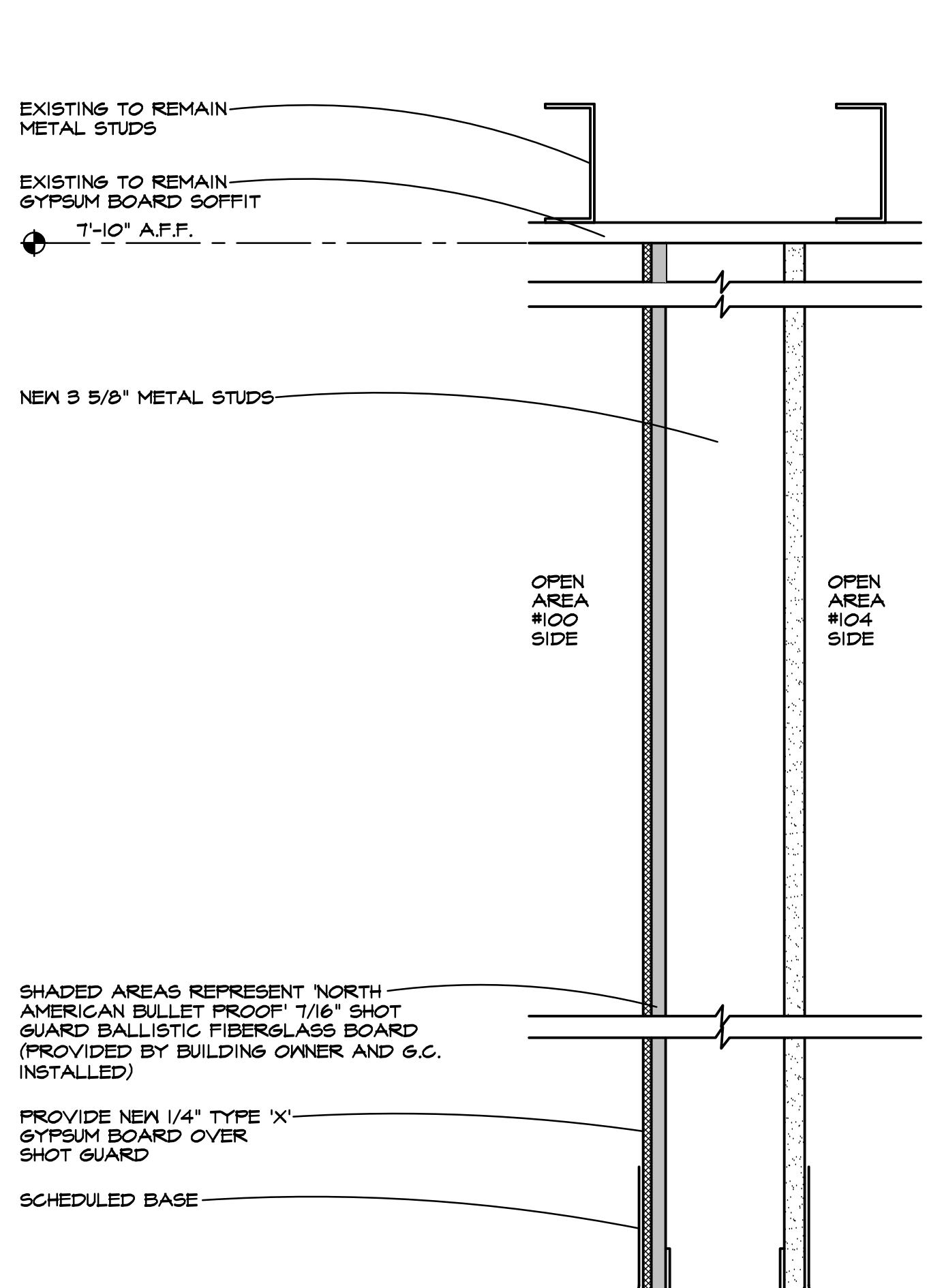
7 BUILDING STANDARD DEMISING PARTITION
6-001 1" = 1'-0"



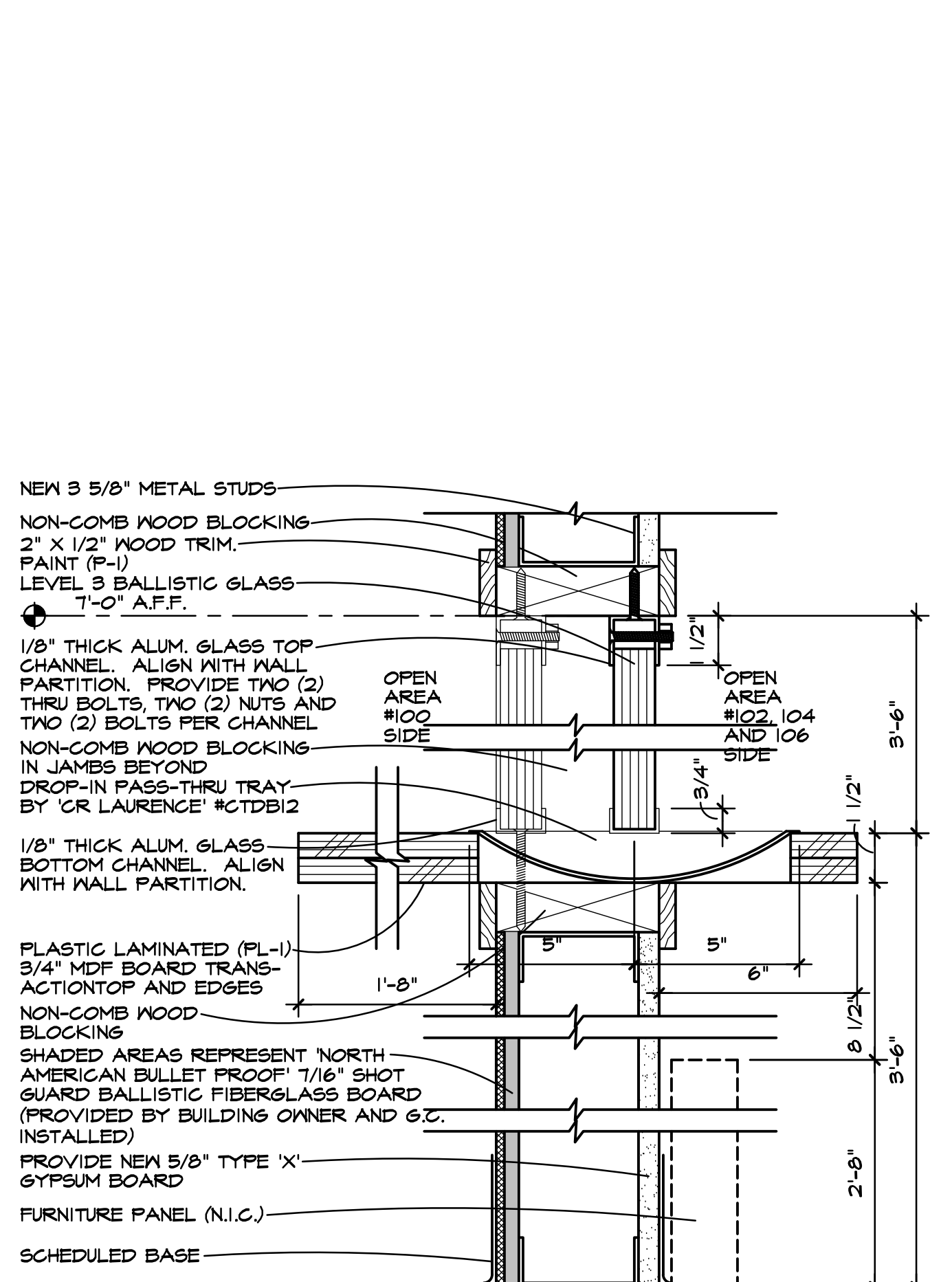
6 WALL SECTION
6-001 3" = 1'-0"



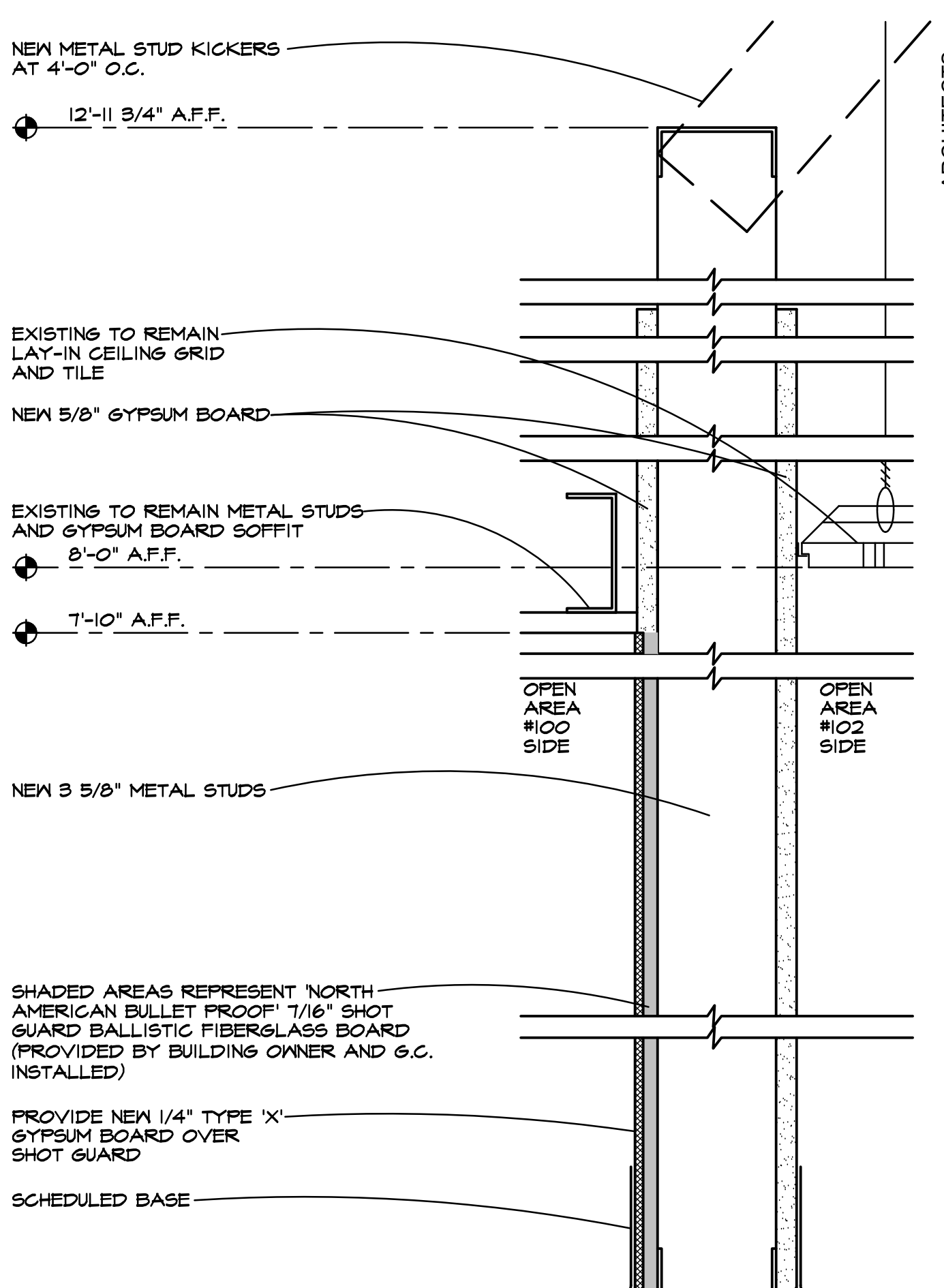
5 WALL SECTION
6-001 3" = 1'-0"



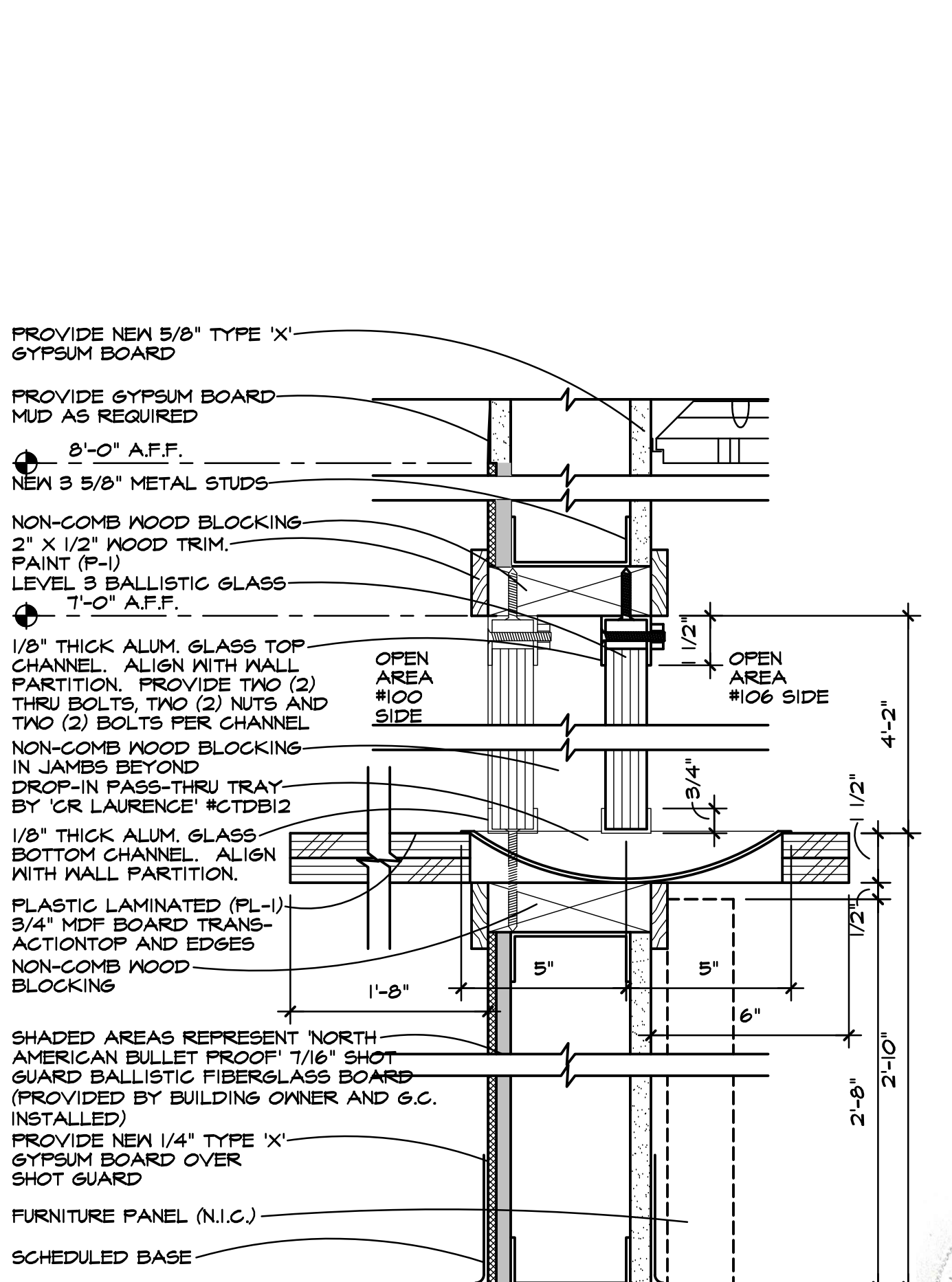
4 WALL SECTION
6-001 3" = 1'-0"



3 WINDOW SECTION
6-201 3" = 1'-0"



2 WALL SECTION
6-001 3" = 1'-0"



1 WINDOW SECTION (BARRIER FREE)
A-201 3" = 1'-0"

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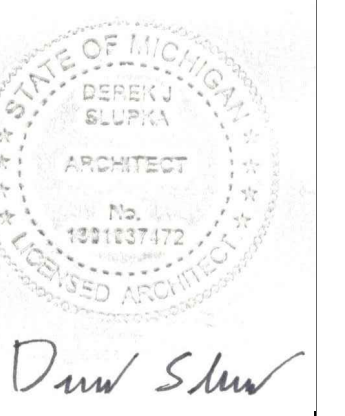
1/16/2025	BID		
5/30/2024	PERMIT		
5/06/2024	PHASE 500 100%		
	DATE		
	REVIEW		

PROJECT DESCRIPTION
CADILLAC PLACE - UJA LOBBY REDESIGN

DETAILS

PROJECT NO. 186/23271.MNB	D/S
INDEX	BKO
PCA	DESIGNED BY
DRAWN BY	JCIENG BY

A-501



Drew Shaw

DOOR SCHEDULE

DOOR NO.	OPEN SIZE	DOOR TYPE / FINISH	FRAME TYPE / FINISH	DOOR	FRAME	LATCH	HINGES	STOPS	CLOSER	NOTES
102	3'-0" X 7'-0"	BALLISTIC	H. METAL	D2	F2	L2	H1	S2	C1	N1
105	3'-0" X 7'-0"	WOOD	WOOD	D1	F1	L1	H2	S1	-	-
106	3'-0" X 7'-0"	BALLISTIC	H. METAL	D2	F2	L2	H1	S2	C1	N1,2

DOOR LEGEND

- GENERAL NOTES**
- G1. ALL DOOR SIZE DIMENSIONS GIVEN ARE APPROXIMATE. DOOR SUPPLIER SHALL FIELD VERIFY EXACT REQUIREMENTS.
 - G2. ALL DOORS NOT SCHEDULED ARE EXISTING TO REMAIN.

- DOORS**
- D1. PROVIDE NEW WOOD DOOR TO MATCH EXISTING IN BREAK #107. STAIN (ST-1).
 - D2. PROVIDE NEW LEVEL 3 BALLISTIC WOOD DOOR WITH WOOD VENEER TO MATCH EXISTING OFFICE DOORS BY 'TOTAL SECURITY SOLUTIONS' (1-888-387-4803) OR EQUAL. STAIN (ST-1).

- FRAMES**
- F1. PROVIDE NEW WOOD FRAME TO MATCH EXISTING IN BREAK #107. STAIN TO MATCH EXISTING.
 - F2. PROVIDE NEW HOLLOW METAL FRAME WITH 2" JAMBS AND 2" HEAD.

- LATCHSET/LOCKSET**
- L1. PROVIDE NEW 'CORBIN RUSSWIN' CLX 3300 SERIES LATCHSET WITH AZ LEVER HANDLE STYLE AND D ROSE, LATCH AND STRIKE. FINISH 626.
 - L2. PROVIDE NEW 'CORBIN RUSSWIN' SINGLE CYLINDER CLX3357 SERIES STOREROOM LOCKSET WITH AZ LEVER HANDLE STYLE AND D ROSE AND PREPPED TO ACCEPT 'SARGENT' CYLINDERS. STATE OF MICHIGAN WILL INSTALL THE CYLINDERS. FINISH 626.

- HINGES**
- H1. PROVIDE NEW HINGES, 2 PAIR PER LEAF, 4 1/2" X 4 1/2", WITH BALL BEARINGS, #TA2T14 BY 'MCKINNEY' OR EQUAL. FINISH US26.
 - H2. PROVIDE NEW HINGES, 2 PAIR PER LEAF, 4 1/2" X 4 1/2", WITH PLAIN BEARINGS, #T2T14 BY 'MCKINNEY' OR EQUAL. FINISH US26.

- DOOR STOPS**
- S1. PROVIDE NEW WALLSTOP #401 BY 'ROCKWOOD' OR EQUAL. FINISH US26.
 - S2. PROVIDE NEW FLOORSTOP #440 BY 'ROCKWOOD' OR EQUAL. FINISH US26.

- CLOSERS**
- C1. PROVIDE NEW 'LGN' CLOSER #4040XP SERIES. FINISH US26. DOOR SWING TO OPEN A MAXIMUM OF 90 DEGREES.

- NOTES**
- N1. PROVIDE NEW ELECTRIC STRIKE AS REQUIRED.
 - N2. PROVIDE NEW ACCESS CARD READER TO MATCH EXISTING.



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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
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1/16/2025	BID	Review
5/30/2024	PERMIT	
5/06/2024	PHASE 500 100%	
DATE		

PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
REDESIGN**

DOOR SCHEDULE

PROJECT NO. 186/23271.MNB	INDEX	PCA
DRAWN BY	BKO	D/S
DESIGNED BY	JCIENG BY	

A-601



MECHANICAL ABBREVIATIONS

AFF	ABOVE FINISH FLOOR	ID	INSIDE DIAMETER
AC	AIR COMPRESSOR	I.E.	INVERT ELEVATION
AHU	AIR HANDLING UNIT	IAH	INTAKE HOOD
AS	AIR SEPARATOR	LAT	LEAVING AIR TEMPERATURE
A.T.C.	ARCHITECTURAL TRADES CONTRACTOR	LH	LEAVING WATER TEMPERATURE
B	BOILER	LWT	LEAVING WATER TEMPERATURE
B.A.S.	BUILDING AUTOMATION SYSTEM	MAX	MAXIMUM
CAF	COMBUSTION AIR FAN	MBH	BTU PER HOUR (THOUSAND)
CC	COOLING COIL	MIN	MINIMUM
CFM	CUBIC FEET PER MINUTE	M.T.C.	MECHANICAL TRADES CONTRACTOR
CHLR	CHILLER	N.C.	NOISE CRITERIA
CHP	CONSOLE HEAT PUMP	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CONV	CONVECTOR	NTS	NOT TO SCALE
CT	COOLING TOWER	P	PUMP
CU	CONDENSING UNIT	PCR	PUMPED CONDENSATE RETURN
CUH	CABINET UNIT HEATER	PD	PRESSURE DROP
CV	CONTROL VALVE	RCP	RADIANT CEILING PANEL
CWP	CHILLED WATER PUMP	REQD	REQUIRED
DB	DRY BULB	RG	RETURN GRILLE
DFU	DUCT FURNACE	RH	RELATIVE HUMIDITY
DIA	DIAMETER	RLH	RELIEF HOOD
DN	DOWN	RTU	ROOF TOP UNIT
DR	DAMPEN	SD	SUPPLY DIFFUSER
DS	DUCT SILENCER	SF	SUPPLY FAN
EAT	ENTERING AIR TEMPERATURE	SG	SUPPLY GRILLE
EF	EXHAUST FAN	SH	SENSIBLE HEAT (MBH)
EG	EXHAUST GRILLE	SM	SHEET METAL
E.T.C.	ELECTRICAL TRADES CONTRACTOR	SQ. FT.	SQUARE FEET
EVR	EVAPORATOR	SST	SATURATED SUCTION TEMPERATURE
EWT	ENTERING WATER TEMPERATURE	STR	STRAINER
EXH	EXHAUST	TC	TOTAL COOLING (MBH)
EXIST	EXISTING	TCL	TEMPERATURE CONTROL
FF	FINISH FLOOR	T&P	TEMPERATURE & PRESSURE RELIEF VALVE
FFM	FEET PER MINUTE	TYP	TYPICAL
FT	FEET	UH	UNIT HEATER
FTR	FINNED TUBE RADIATION	VAV	VARIABLE AIR VOLUME BOX
FU	FURNACE	VRH	VARIABLE AIR VOLUME REHEAT BOX
GAL	GALLON	FPVAV	FAN POWERED VARIABLE AIR VOLUME BOX
GFRH	GAS FIRED RADIANT HEATER	V.F.D	VARIABLE FREQUENCY DRIVE
GR	GRILLE	ZD	ZONE DAMPER
H	HUMIDIFIER	X-SA	EXISTING ITEM (EXISTING SUPPLY AIR DUCT)
HC	HEATING COIL	NTS	EXISTING
HD	HEAD (FT)		
HP	HORSE POWER		
HHP	HORIZONTAL HEAT PUMP		
HTG	HEATING		
HVAC	HEATING, VENTILATION, & AIR CONDITIONING		
HWP	HEATING WATER PUMP		
HX	HEAT EXCHANGER		

GENERAL HVAC NOTES

- ALL EXISTING SYSTEMS (INCLUDING VAV BOXES, AIR HANDLING UNITS) THAT SERVES AREAS BEING RENOVATED SHALL BE HAVE PRE-CONSTRUCTION FLOW RATES RECORDED AND REBALANCED AS REQUIRED.
- NOTIFY OWNER OF ANY PIPING OR DUCTWORK DEMOLITION THAT MAY AFFECT NORMAL OPERATION OF OTHER AREAS.
- FIELD VERIFY LOCATIONS OF EXISTING PIPING THAT MAY CONFLICT WITH NEW CONSTRUCTION AND RELOCATE AS NEEDED.
- PROVIDE BALANCE DAMPERS FOR EACH DIFFUSER/GRILLE AND BRANCH DUCT.
- PROVIDE FLEXIBLE DUCT IN ACCESSIBLE CEILINGS, 6 FT MAX LENGTH, KEEP BENDS TO A MINIMUM.
- PROVIDE ACCESS PANELS ON EACH SIDE OF REHEAT COILS.
- PROVIDE 5 FT MIN BEFORE ANY DUCT TAKEOFF FOR DUCTWORK DOWNSTREAM OF VAV BOXES.
- LINE TRUNK DUCT DOWNSTREAM OF VAV BOXES.
- PROVIDE 1 1/2 DUCT DIAMETERS MIN. DUCT LENGTH OF HIGH PRESSURE BRANCH DUCTWORK ON THE UPSTREAM SIDE OF VAV BOXES.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER DISCIPLINES PRIOR TO CONSTRUCTION TO AVOID CONFLICTS.
- OFFSET PIPING TO ACCOMMODATE LARGE DUCTWORK.
- THE CONTRACTOR SHALL FIELD VERIFY THE SIZES, LOCATION, ELEVATIONS, AND DETAILS OF ALL EXISTING CONDITIONS THAT MAY AFFECT THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL EQUIPMENT AND MATERIALS IN A "NEW" CONDITION DURING CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS AND SUBCONTRACTORS AS REQUIRED BY LAW.
- ALL WORK SHALL CONFORM TO MICHIGAN MECHANICAL CODE, LATEST APPLICABLE EDITION.
- CONTRACTOR SHALL USE LOW PRESSURE LOSS DUCT FITTINGS IN ACCORDANCE WITH SMACNA, IWYES, RADISED OR VANED TEES, ETC.) DUCTWORK SHALL BE GALVANIZED SHEET METAL, MIN. 26 GA.
- ALL DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR DIMENSION. INCREASE DUCT SIZE FOR LINING.
- LINE 10'-0" OF SUPPLY DUCTWORK AFTER EACH VAV BOX.
- ALL EXTERNALLY ISOLATED HVAC EQUIPMENT SHALL HAVE FLEXIBLE DUCT CONNECTORS.
- IF THERE IS CONFLICTING INFORMATION IN THE PLANS OR SPECIFICATIONS THE MORE STRINGENT AND GREATER COST ITEM SHALL BE USED.
- DRAWINGS INDICATE REQUIRED SIZES AND POINTS OF TERMINATION OF PIPES AND DUCTS AND SUGGESTED ROUTES. IT IS NOT INTENTION OF DRAWINGS TO INDICATE ALL NECESSARY OFFSETS. INSTALL WORK IN MANNER TO CONFORM TO STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM AND KEEP OPENINGS AND PASSAGEWAYS CLEAR. DO NOT SCALE FROM DRAWINGS.
- MODIFY THE EXISTING FIRE SUPPRESSION SYSTEM PER NFPA 13 AS REQUIRED TO ACCOMMODATE NEW MECHANICAL AND ELECTRICAL DESIGN LAYOUTS AND TO SPRINKLE SPACES PER NFPA 13.
- CONTRACTOR TO REMOVE AND REINSTALL EXISTING CEILING GRID AND CEILING TILES AS NEEDED TO COMPLETE THEIR WORK. CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT OF ANY DAMAGED CEILING TILES. SALVAGED CEILING TILES ARE TO BE PROVIDED TO THE OWNER.
- WHERE THERMOSTATS ARE REMOVED AND NOT BEING REINSTALLED, CONTRACTOR TO PATCH AND PAINT WALL AS NEEDED TO MATCH EXISTING.
- ALL ABANDONED HOLES IN FLOORS, WALLS, AND CEILINGS SHALL BE PATCHED, PRIMED, AND PAINTED TO MATCH EXISTING.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING HEAT IN BUILDING THROUGHOUT THE PROJECT EXCEPT FOR SHORT SYSTEM SWITCHOVERS. TEMPORARY HEAT TO BE PROVIDED BY CONTRACTOR IF CONSTRUCTION IS BEING DONE ON HEATING SYSTEM BETWEEN OCTOBER 1ST THROUGH APRIL 1ST AND NEW HEATING SYSTEM IS NOT INSTALLED.
- CONTRACTOR IS RESPONSIBLE FOR COVERING AND MOVING OFFICE FURNITURE AS NEEDED TO COMPLETE THEIR WORK. CONTRACTOR TO COVER FURNITURE AND WORKSTATIONS WITH VISQUEEN PRIOR TO BEGINNING DEMOLITION WORK.
- CONTRACTOR TO CLEAN UP FACILITY AFTER THE COMPLETION OF CONSTRUCTION.
- CONTRACTOR TO PATCH, PRIME, AND PAINT ANY DAMAGED OR REPAIRED WALL TO MATCH EXISTING.
- ALL NEW HVAC EQUIPMENT TO BE TIED TO THE FACILITY'S EXISTING TRANE BAS. ALL NEW HVAC EQUIPMENT IS TO BE VISIBLE ON STATE OF MICHIGAN M-BIS FRONT END.
- CONTRACTOR TO PROVIDE ALL APPROPRIATE EQUIPMENT TO CONNECT NEW HVAC EQUIPMENT CONTROLS TO THE STATE OF MICHIGAN M-BIS SYSTEM.
- CONTROLS CONTRACTOR IS TO HAVE EXPERIENCE WORKING WITH THE STATE OF MICHIGAN M-BIS SYSTEM. CONTRACTOR IS RESPONSIBLE FOR ALL CONTROLS INTEGRATION TO BE COMPATIBLE WITH THE EXISTING TRANE BAS AND STATE OF MICHIGAN NIAGARA M-BIS SYSTEM.
- NO NEW EQUIPMENT/DUCTWORK SUPPORTS/STRAPS CAN BE INSTALLED IN CRAWL SPACE ABOVE OPEN MECHANICAL SPACE. NEW MECHANICAL EQUIPMENT, DUCTWORK, AND ALL ASSOCIATED ACCESSORIES ARE TO BE SUPPORTED BY EXISTING EQUIPMENT/DUCTWORK SUPPORTS/STRAPS OR SUPPORTS INSTALLED LOCALLY IN THE OPEN MECHANICAL SPACE. CONTRACTOR TO MODIFY EXISTING DUCT SUPPORTS/STRAPS AS REQUIRED TO ACCOMMODATE NEW MECHANICAL EQUIPMENT/DUCTWORK LAYOUT.

MECHANICAL SYMBOLS LEGEND

HVAC DUCTWORK SYMBOLS

- Supply Air Duct Riser
- Return Air Duct Riser
- Outside Air Duct Riser (As Noted)
- Exhaust Air Duct
- Insulated Ductwork (As Noted)
- Supply Air Diffuser (Square)
- Supply Air Diffuser (Inline)
- Surface MTD. Grille
- Supply Air Diffuser (Round)
- Conical Take-Off
- Conical Take-Off w/ Damper
- Balance Damper
- Return Air Duct Boot
- Eccentric Reducer
- Concentric Reducer
- Vertical Fire Damper
- Horizontal Fire Damper
- Vertical Smoke Damper
- Horizontal Smoke Damper
- Vertical Fire / Smoke Damper
- Horizontal Fire / Smoke Damper
- Duct Smoke Detector, Installed by M.T.C., Provided & Wired by E.T.C.
- Unit Heater
- Ceiling Exhaust Fan
- Roof Mounted Exhaust Fan
- Demolition

HVAC DUCTWORK & DIFFUSER TAGS

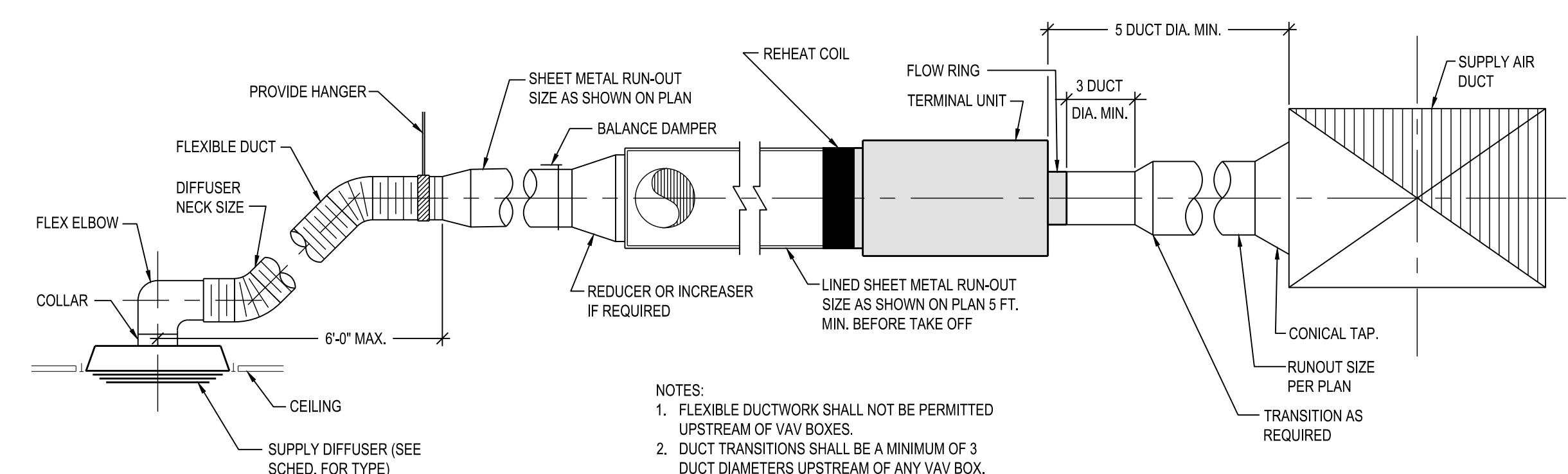
Tag	CFM	Remarks
SD-1	250	
8"		

MISCELLANEOUS NOTES

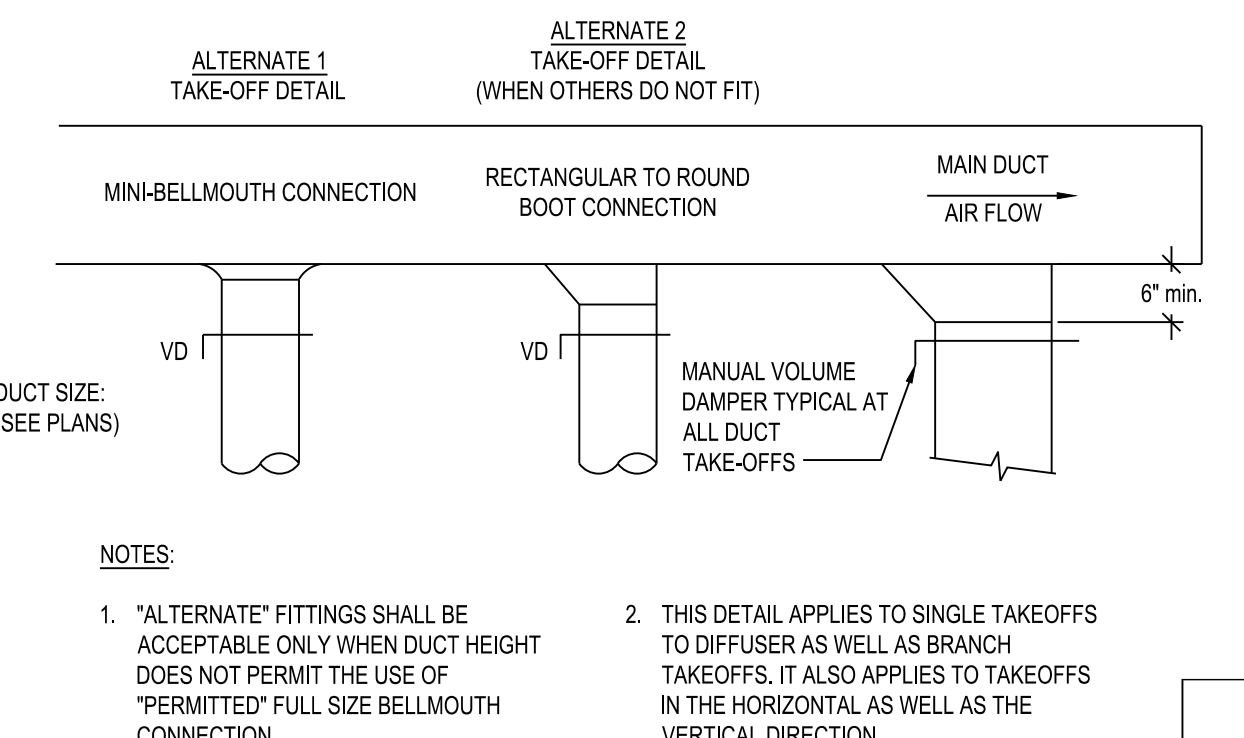
- Point of Connection Between New and Existing
- Point of Existing to Remain and Existing to Be Removed
- Indicates Plan Note
- Indicates Demolition Note

DETAIL BUBBLE

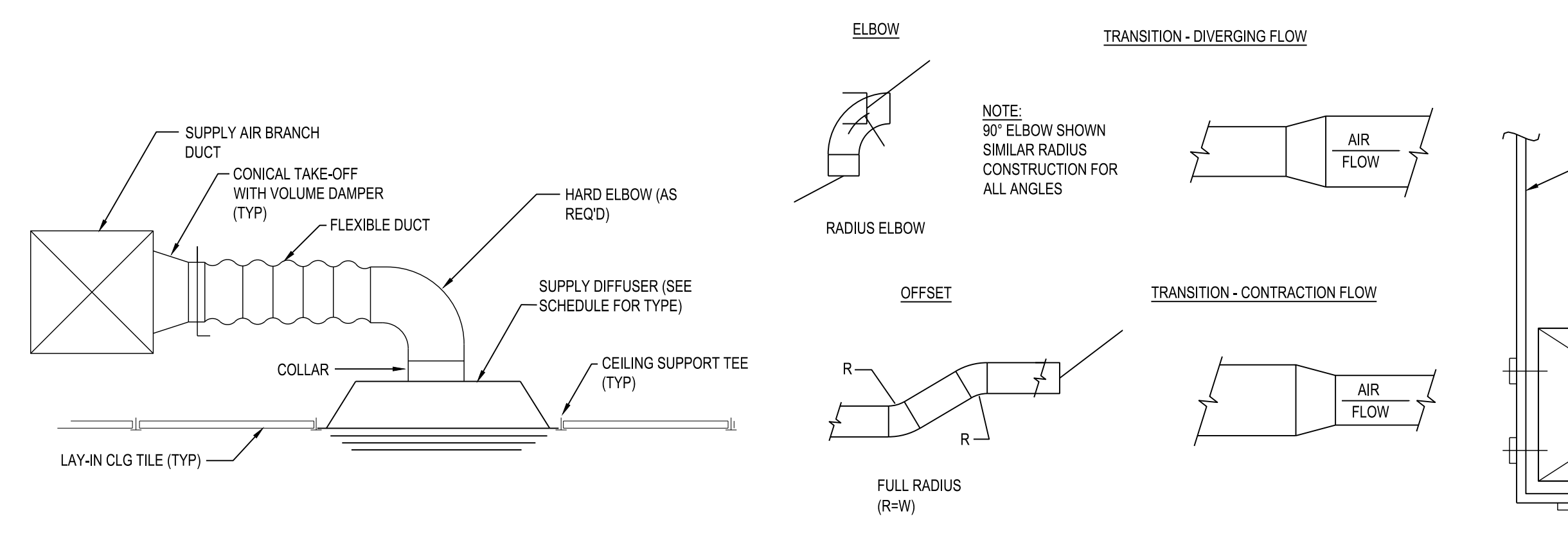
- Detail Number
- Page Location Indicates
- Direction of Detail Section



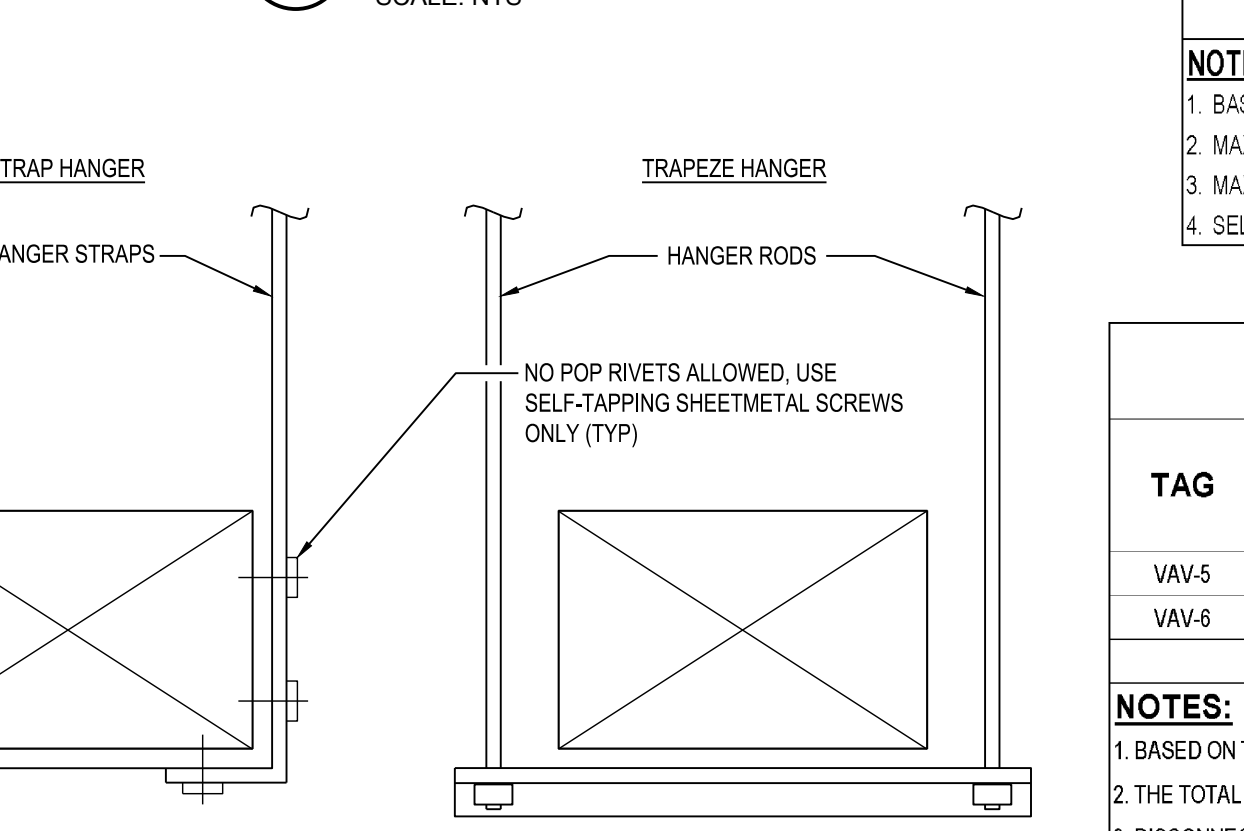
5 VAV TERMINAL UNIT DETAIL
SCALE: NTS



4 DUCT TRANSITION DETAIL
SCALE: NTS



2 RECTANGULAR TRANSITIONS, OFFSETS, AND ELBOWS
SCALE: NTS



1 DUCT HANGER DETAIL
SCALE: NTS

3 SUPPLY AIR DIFFUSER DETAIL
SCALE: NTS

- ### HVAC DUCTWORK
- SA - SUPPLY AIR DUCT
 - X-SA - EXIST SUPPLY AIR DUCT
 - RA - RETURN AIR DUCT
 - X-RA - EXIST RETURN AIR DUCT
 - OA - OUTSIDE AIR DUCT
 - X-OA - EXIST OUTSIDE AIR DUCT
 - EA - EXHAUST AIR DUCT
 - X-EA - EXIST EXHAUST AIR DUCT

- ### TEMPERATURE CONTROL SYMBOLS
- Thermostat
 - Programmable Thermostat
 - Thermostat (w/ Night Setback)
 - Room Sensor
 - Humidistat
 - Pressure Gauge
 - Damper (Electric Operation)
 - Damper (Pneumatic Operation)
 - Damper Blades

- ### HVAC PIPING VALVES
- Gate Valve
 - Gas Cock
 - Check Valve
 - Balance Cock
 - Circuit Setter
 - Two-Way Control Valve
 - Three-Way Control Valve
 - Globe Valve
 - Ball Valve
 - Solenoid Valve
 - Expansion Valve with Thermostatic Bulb
 - Plug Valve
 - Butterfly Valve
 - Relief Valve
 - Hose & Drain End Valve
 - Pressure Relief Valve
 - Pressure Reducing Valve
 - Triple Duty Valve
 - Damper (Pneumatic Operation)
 - Strainer (Blow-Off)

- ### HVAC PIPING SYMBOLS
- Flow Direction
 - Piping Drop
 - Piping Rise
 - Inline Piping Drop
 - Inline Piping Rise
 - Piping Tee
 - Piping Elbow
 - Thermometer
 - Pump
 - Union
 - Pipe Anchor
 - Pipe Guide
 - Back Flow Preventer
 - Pipe Cap
 - Pipe Break
 - Thermometer Well
 - Expansion Loop
 - Expansion Compensator
 - Float & Thermostatic Steam Trap
 - Inverted Bucket Steam Trap

DIFFUSER, REGISTER, & GRILLE SCHEDULE

TAG	MODEL	NECK SIZE	FACE SIZE	CFM RANGE (MIN-MAX.)	PATTERN	MOUNT	MATERIAL	COLOR	100 FPM THROW	COMMENTS
RG-1	50F	24x24	24x24	2,000	1/2x1/2x1/2 GRID	LAY-IN	ALUMINUM	WHITE	-	1,2,3,4

- NOTES:**
- BASED ON: TITUS
 - MAX. NC = 30
 - MAX. APD - 0.10 INCHES
 - SELECT BORDER TO MATCH ROOM FINISH SCHEDULE

NOMINAL VAV BOX SCHEDULE

TAG	MODEL NUMBER/SIZE	SYSTEM	AIRFLOW (CFM)			APD "WG	ELECTRIC HEATING COIL (EHC)			ELECTRIC		COMMENTS	
			SA (MAX.)	HEATING MIN CFM	MIN CFM		EAT	MIN. LAT	MIN. BTUH	VOLTS	PHASE		Kw
VAV-5	DES-V	X-AHU	450	225	140	NOTE 2	55	90	8505	277	1	3.00	1,2,3,4,5
VAV-6	DES-V	X-AHU	450	225	140	NOTE 2	55	90	8505	277	1	3.00	1,2,3,4,5

- NOTES:**
- BASED ON TITUS
 - THE TOTAL MAXIMUM PRESSURE DROP ACROSS THE BOX AND REHEAT COIL SHALL NOT EXCEED 0.3"
 - DISCONNECT BY EC
 - SINGLE STAGE HEATER
 - REMOTE MOUNTED PROGRAMMABLE THERMOSTAT

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BID	PERMIT	PHASE	Review
1/16/2025	5/30/2024	5/06/2024	DATE

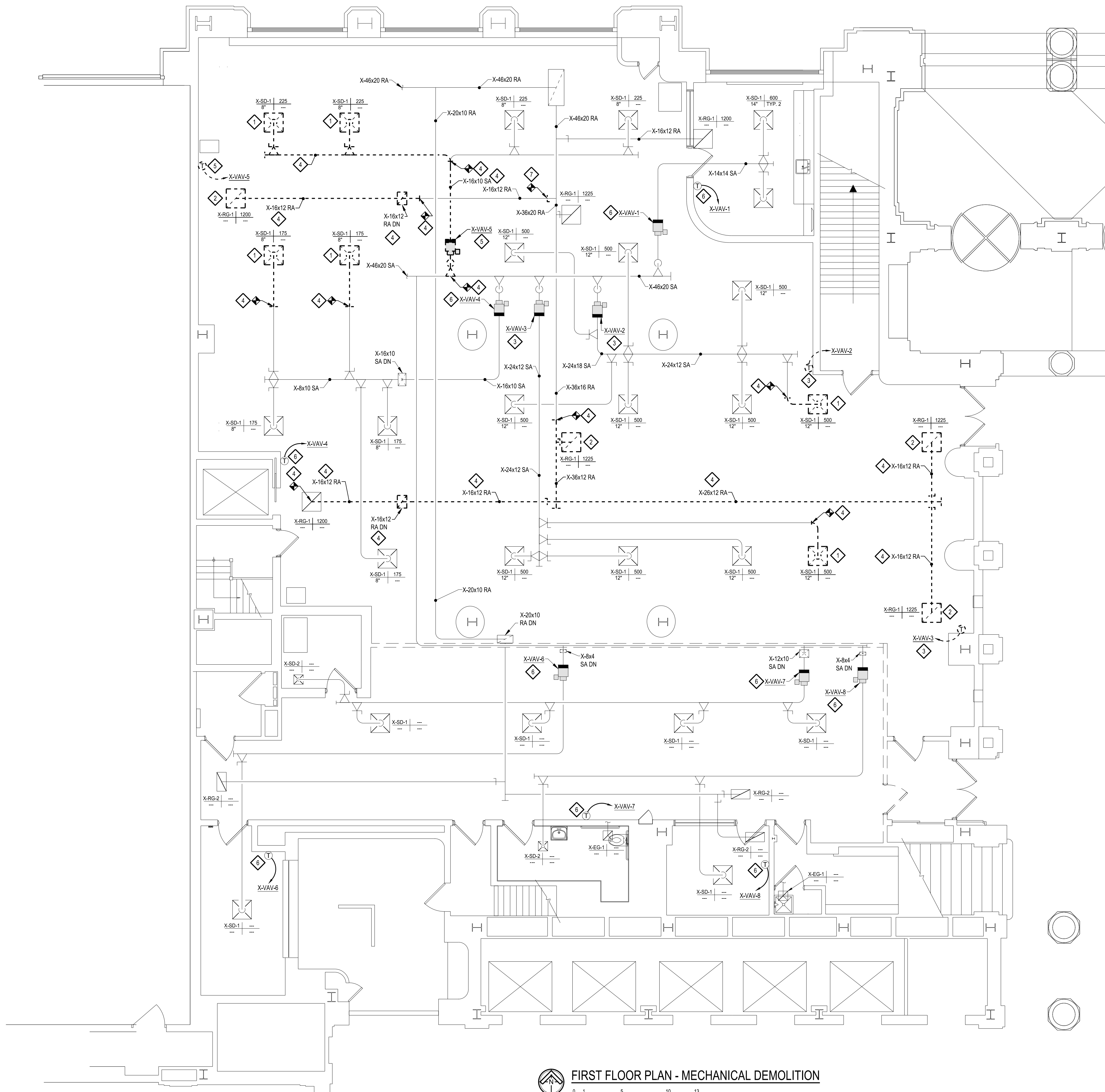
PROJECT DESCRIPTION
CADILLAC PLACE - UJA LOBBY REDESIGN

MECHANICAL SYMBOLS, NOTES, AND ABBREVIATIONS

PROJECT NO. 186/23271.MNB

INDEX	PCA	DBP	DBP
DRAWN BY	JCI	DESIGNED BY	JCI
DATE		DATE	

M-100



FIRST FLOOR PLAN - MECHANICAL DEMOLITION
 SCALE: 3/16" = 1'-0"

GENERAL DEMOLITION NOTES

- CONTRACTOR TO REMOVE AND REINSTALL EXISTING CEILING GRID AND CEILING TILES AS REQUIRED TO COMPLETE THEIR WORK. CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT OF ALL DAMAGED CEILING TILES.
- CONTRACTOR TO PATCH, PRIME, AND PAINT WALLS TO MATCH EXISTING AS REQUIRED TO COMPLETE THEIR WORK.
- CONTRACTOR TO INSTALL NEW CEILING TILES IN LOCATIONS WHERE EXISTING SUPPLY DIFFUSERS AND RETURN GRILLES ARE REMOVED TO MATCH EXISTING.
- NO NEW EQUIPMENT/DUCTWORK SUPPORTS/STRAPS CAN BE INSTALLED IN CRAWL SPACE ABOVE OPEN MECHANICAL SPACE. NEW MECHANICAL EQUIPMENT, DUCTWORK, AND ALL ASSOCIATED ACCESSORIES ARE TO BE SUPPORTED BY EXISTING EQUIPMENT/DUCTWORK SUPPORTS/STRAPS OR SUPPORTS INSTALLED LOCALLY IN THE OPEN MECHANICAL SPACE. CONTRACTOR TO MODIFY EXISTING DUCT SUPPORTS/STRAPS AS REQUIRED TO ACCOMMODATE NEW MECHANICAL EQUIPMENT/DUCTWORK LAYOUT.

DEMOLITION NOTES

- 1 DISCONNECT, REMOVE, AND SALVAGE EXISTING SUPPLY AIR DIFFUSER AND ALL ASSOCIATED ACCESSORIES. CONTRACTOR TO INSTALL NEW CEILING TILE IN LOCATION WHERE THE EXISTING SUPPLY AIR DIFFUSER IS REMOVED TO MATCH EXISTING. CONTRACTOR TO INSTALL SALVAGED SUPPLY AIR DIFFUSER IN LOCATION SHOWN ON NEW MECHANICAL DRAWING.
- 2 DISCONNECT, REMOVE, AND SALVAGE EXISTING RETURN AIR GRILLE AND ALL ASSOCIATED ACCESSORIES. CONTRACTOR TO INSTALL NEW CEILING TILE IN LOCATION WHERE THE EXISTING RETURN AIR GRILLE IS REMOVED TO MATCH EXISTING. CONTRACTOR TO INSTALL SALVAGED RETURN AIR GRILLE IN LOCATION SHOWN ON NEW MECHANICAL DRAWING.
- 3 EXISTING VAV BOX, CONTROLS, AND ALL ASSOCIATED ACCESSORIES ARE TO REMAIN. DISCONNECT, REMOVE, AND SALVAGE EXISTING THERMOSTAT AND ALL ASSOCIATED ACCESSORIES TO BE RELOCATED ON NEW MECHANICAL DRAWING. DISCONNECT, REMOVE, AND DEMO EXISTING CONTROL WIRING AND ALL ASSOCIATED ACCESSORIES. CONTRACTOR TO PATCH, PRIME, AND PAINT WALL WHERE EXISTING THERMOSTAT IS REMOVED TO MATCH EXISTING.
- 4 DISCONNECT, REMOVE, AND DEMO EXISTING SUPPLY AIR DUCTWORK, RETURN AIR DUCTWORK, AND ALL ASSOCIATED ACCESSORIES TO THE EXTENTS SHOWN.
- 5 DISCONNECT, REMOVE, AND DEMO EXISTING VAV BOX, THERMOSTAT, CONTROLS, CONTROL WIRING, DUCTWORK, AND ALL ASSOCIATED ACCESSORIES IN THEIR ENTIRETY. CONTRACTOR TO PATCH, PRIME, AND PAINT WALL WHERE EXISTING THERMOSTAT IS REMOVED TO MATCH EXISTING.
- 6 EXISTING VAV BOX, THERMOSTAT, CONTROLS, CONTROL WIRING, AND ALL ASSOCIATED ACCESSORIES ARE TO REMAIN.
- 7 DISCONNECT, REMOVE, AND DEMO EXISTING BALANCING DAMPER AND ALL ASSOCIATED ACCESSORIES. CONTRACTOR TO PATCH DUCTWORK WHERE DAMPER IS REMOVED TO MATCH EXISTING.

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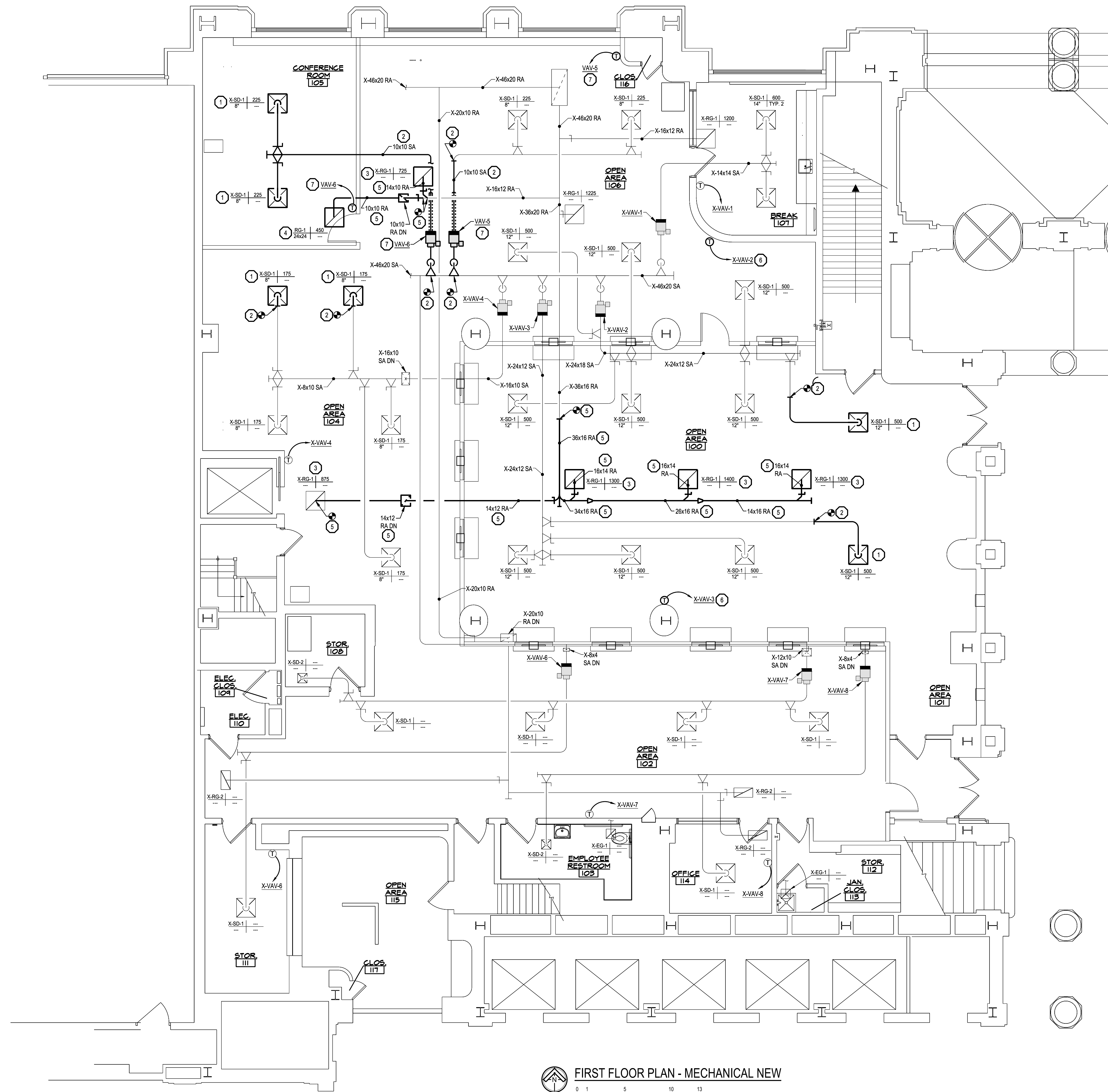
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5/30/2024	PERMIT
5/06/2024	PHASE 500 100%

PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
 REDESIGN**

**FIRST FLOOR PLAN -
 MECHANICAL DEMOLITION**

PROJECT NO. 1862/2371.MNB
INDEX
PC/A
DRAWN BY DBP
DESIGNED BY DBP
JCIENG BY

M-300



FIRST FLOOR PLAN - MECHANICAL NEW
 SCALE: 3/16" = 1'-0"

GENERAL MECHANICAL NOTES

1. CONTRACTOR TO REMOVE AND REINSTALL EXISTING CEILING GRID AND CEILING TILES AS REQUIRED TO COMPLETE THEIR WORK. CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT OF ALL DAMAGED CEILING TILES.
2. CONTRACTOR TO PATCH, PRIME, AND PAINT WALLS TO MATCH EXISTING AS REQUIRED TO COMPLETE WORK.
3. NO NEW EQUIPMENT/DUCTWORK SUPPORTS/STRAPS CAN BE INSTALLED IN CRAWL SPACE ABOVE OPEN MECHANICAL SPACE. NEW MECHANICAL EQUIPMENT, DUCTWORK, AND ALL ASSOCIATED ACCESSORIES ARE TO BE SUPPORTED BY EXISTING EQUIPMENT/DUCTWORK SUPPORTS/STRAPS OR SUPPORTS INSTALLED LOCALLY IN THE OPEN MECHANICAL SPACE. CONTRACTOR TO MODIFY EXISTING DUCT SUPPORTS/STRAPS AS REQUIRED TO ACCOMMODATE NEW MECHANICAL EQUIPMENT/DUCTWORK LAYOUT.

MECHANICAL KEY NOTES

1. INSTALL SALVAGED SUPPLY AIR DIFFUSER, DUCTWORK, AND ALL ASSOCIATED ACCESSORIES IN THE LOCATION SHOWN. BALANCE TO CFM SHOWN. CLEAN EXISTING SUPPLY DIFFUSER BEFORE REINSTALLING.
2. INSTALL NEW SUPPLY AIR DUCTWORK AND ALL ASSOCIATED ACCESSORIES IN THE LOCATION SHOWN. MODIFY EXISTING DUCTWORK AS REQUIRED FOR NEW CONNECTION. CLEAN EXISTING RETURN GRILLE BEFORE REINSTALLING.
3. INSTALL SALVAGED RETURN AIR GRILLE, DUCTWORK, AND ALL ASSOCIATED ACCESSORIES IN THE LOCATION SHOWN. BALANCE TO CFM SHOWN.
4. INSTALL NEW RETURN AIR GRILLE, DUCTWORK, AND ALL ASSOCIATED ACCESSORIES IN THE LOCATION SHOWN.
5. INSTALL NEW RETURN AIR DUCTWORK AND ALL ASSOCIATED ACCESSORIES IN THE LOCATION SHOWN. MODIFY EXISTING DUCTWORK AS REQUIRED FOR NEW CONNECTION.
6. INSTALL SALVAGED THERMOSTAT, CONTROLS, AND ALL ASSOCIATED ACCESSORIES IN THE LOCATION SHOWN. ROUTE NEW CONTROL WIRING TO NEW THERMOSTAT LOCATION. PATCH, PRIME, AND PAINT WALLS AS REQUIRED TO COMPLETE WORK. CONNECT SALVAGE THERMOSTAT AND CONTROL TO EXISTING TRANE BAS.
7. INSTALL NEW VAV BOX, CONTROLS, CONTROL WIRING, THERMOSTAT, DUCTWORK AND ALL ASSOCIATED ACCESSORIES IN THE LOCATION SHOWN PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS. CONNECT NEW VAV BOX AND CONTROLS TO EXISTING TRANE BAS.

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5/06/2024	PHASE 500 100%

PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
 REDESIGN**

**FIRST FLOOR PLAN -
 MECHANICAL NEW**

PROJECT NO. 186/23271.MNB	INDEX	PCA	DBP	DBP
	DRAWN BY	DESIGNED BY	JCIENG BY	

M-400

ELECTRICAL SYMBOLS LEGEND

OUTLETS

- ⊕ SINGLE RECEPTACLE (120 VOLT)
- ⊕ DUPLEX RECEPTACLE
- ⊕ EMERGENCY RECEPTACLE
- ⊕ DOUBLE DUPLEX RECEPTACLE
- ⊕ F FLUSH FLOOR BOX
- ⊕ S SURFACE FLOOR BOX
- ⊕ SPECIAL EQUIPMENT RECEPTACLE
- ▼ TELEPHONE OUTLET
- ▼ DATA OUTLET
- ▼ TELEPHONE / DATA OUTLET
- PP POWER POLE
- ⊕ JUNCTION BOX
- ⊕ WALL JUNCTION BOX
- ⊕ PULL (JUNCTION) BOX
- ⊕ UNDERFLOOR JUNCTION BOX
- ⊕ CEILING MOUNTED WIFI

SWITCHES

- ⊕ SINGLE-POLE SWITCH
- ⊕ THREE-WAY SWITCH
- ⊕ FOUR-WAY SWITCH
- ⊕ SWITCH WITH PILOT LIGHT
- ⊕ THERMAL OVERLOAD SWITCH
- ⊕ MANUAL MOTOR SWITCH
- ⊕ KEY SWITCH
- ⊕ TIME SWITCH
- ⊕ DIMMER SWITCH

MECHANICAL

- ⊕ SINGLE PHASE MOTOR
- ⊕ THREE PHASE MOTOR
- ⊕ RESISTANCE HEATER, KW SHOWN
- ⊕ PIPE TRACE HEATER
- ⊕ ELECTRIC UNIT HEATER
- ⊕ ELECTRIC WATER HEATER

NURSE CALL

- ⊕ NURSE CALL CONTROLLER
- ⊕ MASTER STATION
- ⊕ EMERGENCY PULL STATION
- ⊕ EMERGENCY PUSH STATION
- ⊕ CODE BLUE STATION
- ⊕ PENDENT INTERFACE
- ⊕ BED / LIGHT INTERFACE
- ⊕ SINGLE BED STATION
- ⊕ DUAL BED STATION
- ⊕ DOME LIGHT
- ⊕ STAFF REGISTER STATION
- ⊕ STAFF STATION
- ⊕ DUTY STATION

DESIGNATIONS

- ⊕ DEMOLITION NOTE
- ⊕ PLAN NOTE
- ⊕ ADDENDUM NOTE

FIXTURES

- ⊕ LIGHT FIXTURE
- ⊕ STRIP FIXTURE
- ⊕ EMERGENCY LIGHT FIXTURE
- ⊕ IN-GRADE LIGHT FIXTURE
- ⊕ SPOTLIGHT (number of heads shown)
- ⊕ EXIT SIGN (face & direction as shown)
- ⊕ WALL MOUNT LIGHT FIXTURE
- ⊕ CEILING LIGHT FIXTURE
- ⊕ TRACK & FIXTURE
- ⊕ STREET TYPE POLE FIXTURE
- ⊕ POLE MOUNTED LIGHT FIXTURE
- ⊕ EXTERIOR WALL MOUNT LIGHT FIXTURE
- ⊕ WALLPACK LIGHT FIXTURE
- ⊕ SPECIAL PURPOSE LIGHT FIXTURE
- ⊕ HIGH BAY LIGHT FIXTURE
- ⊕ EMERGENCY EGRESS LIGHT FIXTURE (number of heads shown)
- ⊕ DOCK LIGHT FIXTURE

CIRCUITRY and RACEWAYS

- CONDUIT INSTALLED (by E.C.)
- - - CONDUIT INSTALLED (by others)
- CONDUIT STUB UP
- CONDUIT STUB DOWN
- 1.3 HOME RUN (with circuit numbers)
- END OF CONDUIT RUN
- END OF CONDUIT RUN, CAP AND STAKE
- "CONDUIT RUN CONTINUES" INDICATION
- OR --- FLEXIBLE PIGTAILS/CONNECTIONS
- WM WIREMOLD AS SPECIFIED
- PM PLUGMOLD AS SPECIFIED
- BD BUS DUCT
- UFD UNDERFLOOR DUCT

SOUND and SIGNAL

- ⊕ SPEAKER
- ⊕ WALL MOUNTED SPEAKER
- ⊕ WALL MOUNTED SPEAKER / CLOCK COMBO
- ⊕ SINGLE FACE CLOCK
- ⊕ DUAL FACE CLOCK
- ⊕ VIDEO INPUT
- ⊕ AUDIO / VIDEO INPUT
- ⊕ BELL
- ⊕ VOLUME CONTROL
- ⊕ BUZZER
- ⊕ CHIME
- ⊕ TELEVISION OUTLET
- ⊕ MICROPHONE OUTLET
- ⊕ INTERCOM OUTLET
- ⊕ CAMERA
- ⊕ DOOR CONTACT
- ⊕ MOTION DETECTOR
- ⊕ BEAM DETECTOR
- ⊕ KEY PAD
- ⊕ SECURITY SYSTEM CONTROL PANEL
- ⊕ CCTV CONTROL PANEL
- ⊕ CARD READER
- ⊕ STUDENT STATION
- ⊕ ADMINISTRATION STATION
- ⊕ TEACHER STATION
- ⊕ GLASS BREAK

SERVICE and EQUIPMENT

- ⊕ TRANSIENT VOLTAGE SURGE SUPPRESSION
- ⊕ VARIABLE FREQUENCY DRIVE
- ⊕ TRANSFORMER
- ⊕ FUSED DISCONNECT SWITCH
- ⊕ MAGNETIC STARTER (BY x/C U.O.N.)
- ⊕ COMB. STARTER (BY x/C U.O.N.)
- ⊕ PANELBOARD, SURFACE MOUNTED
- ⊕ PANELBOARD, FLUSH MOUNTED
- ⊕ WEATHERHEAD
- ⊕ UTILITY METER, AS REQUIRED
- ⊕ CURRENT TRANSFORMERS
- ⊕ GENERATOR, KW SHOWN
- ⊕ TELEPHONE TERMINAL BOARD
- ⊕ GROUND CONNECTION PER N.E.C.
- ⊕ WIREWAY
- ⊕ TRANSFER SWITCH
- ⊕ ENCLOSED CIRCUIT BREAKER
- ⊕ CAPACITOR

CONTROL

- ⊕ THERMOSTAT
- ⊕ HUMIDISTAT
- ⊕ PHOTOCELL (voltage as required)
- ⊕ TIME CLOCK (24 hour U.O.N.)
- ⊕ PUSHBUTTON STATION (number of buttons indicated)
- ⊕ CONTROL TRANSFORMER
- ⊕ LIGHTING CONTACTOR
- ⊕ IRRIGATION CONTROLLER (120 volt x/VA connection by x/C)
- ⊕ WALL MOUNT DUAL TECHNOLOGY SENSOR
- ⊕ SENSOR SWITCH WW-PDT-16 SERIES
- ⊕ OCCUPANCY SENSOR / PHOTOCELL
- ⊕ SENSOR SWITCH CMR-PC-ADC SERIES
- ⊕ ULTRASONIC SENSOR - 360° - 2 CIRCUIT
- ⊕ SENSOR SWITCH CMR-PDT-10-2P
- ⊕ ULTRASONIC SENSOR - 360° - 1000 SQ FT
- ⊕ SENSOR SWITCH CMR-PDT-10
- ⊕ ULTRASONIC SENSOR - 360° - 500 SQ FT
- ⊕ SENSOR SWITCH CMR-PDT SERIES
- ⊕ SWITCH STYLE OCCUPANCY SENSOR
- ⊕ SENSOR SWITCH WSD-PDT SERIES
- ⊕ POWER PACK
- ⊕ SENSOR SWITCH MP20 SERIES
- ⊕ DIGITAL TIME SWITCH
- ⊕ WATT STOPPER TS-400
- ⊕ INTERCOM OUTLET

FIRE ALARM

- ⊕ SMOKE DETECTOR
- ⊕ HEAT DETECTOR
- ⊕ DUCT SMOKE DETECTOR
- ⊕ DUCT SMOKE DETECTOR
- ⊕ HORN
- ⊕ HORN & LIGHT
- ⊕ SPEAKER
- ⊕ SPEAKER & LIGHT
- ⊕ PULL STATION
- ⊕ FIRE ALARM CONTROL PANEL
- ⊕ ANNUNCIATOR PANEL
- ⊕ END OF LINE DEVICE
- ⊕ REMOTE INDICATING LIGHT, WALL MTD.
- ⊕ REMOTE INDICATING LIGHT, CLG. MTD.
- ⊕ MAGNETIC DOOR HOLDER
- ⊕ FIREFIGHTER COMMUNICATION JACK
- ⊕ FLOW SWITCH (furnished by FP/C)
- ⊕ TAMPER SWITCH (furnished by FP/C)
- ⊕ VISUAL ONLY UNIT
- ⊕ FIRE CONTROL POWER SUPPLY
- ⊕ MONITOR MODULE
- ⊕ CONTROL MODULE
- ⊕ CARBON MONOXIDE DETECTOR

ABBREVIATIONS LEGEND

A	AMPS	GC	GENERAL CONTRACTOR	P	POLE
AC	ABOVE COUNTER	GFI	GROUND FAULT INTERRUPTER	P.	PUMP
ACU	AIR CONDITIONING UNIT	GND	GROUND	PB	PULL BOX
AF	ABOVE FINISHED FLOOR			PNL	PANEL
AHJ	AUTHORITY HAVING JURISDICTION	H-	HUMIDIFIER	PRV	POWER ROOF VENTILATOR
AHU-	AIR HANDLING UNIT	HID	HIGH INTENSITY DISCHARGE	PVC	POLY VINYL CHLORIDE
AIC	AMPS INTERRUPTING CAPACITY	HOA	HAND-OFF-AUTO SELECTOR SWITCH	PWR	POWER
AS	ABOVE SHELF	HP	HORSEPOWER		
ATS	AUTOMATIC TRANSFER SWITCH	HR	HOUR		
		HVAC	HEATING/VENTILATING/AIR CONDITIONING	RECEPT	RECEPTACLE
B-	BOILER			RGC	RIGID GALVANIZED STEEL CONDUIT
BC	BELOW COUNTER	IG	ISOLATED GROUND	RTU-	ROOF TOP UNIT
BLDG	BUILDING	IMC	INTERMEDIATE METAL CONDUIT		
		JB	JUNCTION BOX	SF-	SUPPLY FAN
CHLR-	CHILLER	LC	LIGHT CONTROL	SPEC	SPECIFICATIONS
CND (C)	CONDUIT	LT	LIGHT	SW	SWITCH
CKT	CIRCUIT	LT FLEX	LIQUID TIGHT FLEXIBLE METAL CONDUIT	SWBD	SWITCHBOARD
CKT BKR	CIRCUIT BREAKER			TCC	TEMPERATURE CONTROL CONTRACTOR
CT-	COOLING TOWER			TR	TAMPER PROOF RECEPTACLE
CJ-	CONDENSING UNIT			TS	TAMPER PROOF SWITCH
CJH-	CABINET UNIT HEATER			TYP	TYPICAL
		MAX	MAXIMUM	UF	UNDER FLOOR
DFU-	DUCT FURNACE	MC	MECHANICAL CONTRACTOR	UH-	UNIT HEATER
DISC	DISCONNECT	MCC	MOTOR CONTROL CENTER	UL	UNDERWRITERS' LABORATORIES, INC.
DWG	DRAWING	MIN	MINIMUM	UNO	UNLESS NOTED OTHERWISE
DWH-	DOMESTIC WATER HEATER	MLO	MAIN LUG ONLY		
		MT	MOUNT	V	VOLTS
		MTD	MOUNTED	VL	VERIFY LOCATION WITH OWNER
EBB-	ELECTRIC BASEBOARD	MTG	MOUNTING		
EC	ELECTRICAL CONTRACTOR	MUJU-	MAKE-UP AIR UNIT	W	WATTS
EF-	EXHAUST FAN			W/	WITH
EM	EMERGENCY	NC	NORMALLY CLOSED	W/O	WITHOUT
EMT	ELECTRICAL METALLIC TUBING	NIC	NOT IN CONTRACT	WP	WEATHER PROOF
EW	ELECTRIC WATER COOLER	NL	NIGHT LIGHT		
EXIST (E)	EXISTING	NO	NORMALLY OPEN	XFMR	TRANSFORMER
FLA	FULL LOAD AMPS	NTS	NOT TO SCALE		
FLEX	FLEXIBLE CONDUIT				
FLR	FLOOR				
FLUOR	FLUORESCENT				
FSES	FOOD SERVICE EQUIP. SUPPLIER				
F/S	FIRE/SMOKE				
FU-	FURNACE				

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	DESCRIPTION AND COMMENTS	DIMMING INFO	FIXTURE MOUNTING HEIGHT	DRIVER
LA	TGS OR EQUAL	WT-24-W-C-U	LED 2X4 CENTER BASKET TROFFER, SELECTABLE COLOR TEMP	0-10V	GRID	5000 LUMEN 4000K 45W
LAEM	TGS OR EQUAL	WT-24-W-C-U-EM	LED 2X4 CENTER BASKET TROFFER, SELECTABLE COLOR TEMP, PROVIDE 8W EMERGENCY BATTERY BACKUP	0-10V	GRID	5000 LUMEN 4000K 45W
XA	MATCH EXISTING	MATCH EXISTING TYPE	LED EXIT SIGN WITH INTEGRATED BATTERY.		UNIVERSAL	LED

GENERAL ELECTRICAL NOTES

- ALL WALL AND FLOOR PENETRATIONS ARE TO BE SEALED TO MAINTAIN ORIGINAL RATING.
- ALL CONDUITS TO BE FIELD ROUTED ALONG EXISTING PIPING AND STRUCTURAL STEEL.
- THE DIVISION 26 CONTRACTORS SHALL VISIT THE PROJECT AND DETERMINE THE EXACT EXTENT OF THE DEMOLITION WORK REQUIRED BEFORE BIDDING THE PROJECT.
- REMOVE ALL EXISTING OBSOLETE EXPOSED CONDUIT, WIRE AND UNUSED EQUIPMENT WHERE WORK IS BEING DONE EXCEPT ITEMS NOTED OTHERWISE.
- WHERE BUILDING SURFACES ARE DAMAGED BY THE REMOVAL OF OLD WORK, SURFACES SHALL BE PATCHED TO MATCH ADJACENT.
- EXISTING WORK WHICH IS PRESENTLY CONCEALED AND WHICH WILL REMAIN CONCEALED AND DOES NOT INTERFERE WITH ANY NEW WORK OF ANY TRADE NEED NOT BE REMOVED, HOWEVER, ALL CONDUIT SHALL BE CAPPED BELOW FINISH SURFACE AND THEN PATCHED TO MATCH, OR AS NOTED.
- EXISTING OPENINGS, WHICH ARE TO BE REUSED, SHALL BE MODIFIED OR ENLARGED TO SUIT THE NEW SYSTEMS AS REQUIRED, PROVIDE ALL REQUIRED CUTTING AND PATCHING.
- IF ASBESTOS IS PRESENT, IT WILL BE REMOVED OR RENDERED HARMLESS UNDER SEPARATE CONTRACT BY THE OWNER.
- THE DIVISION 26 CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING THE EXISTING WALLS TO MATCH THE ADJACENT SURFACES BEHIND ALL SURFACE MOUNTED EQUIPMENT.
- CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT VOLTAGES AND LOADS PRIOR TO INSTALLING SERVICE TO EQUIPMENT.
- DRAWINGS ARE BASED ON EXISTING RECORD DOCUMENT AND CASUAL FIELD OBSERVATION. REPORT ANY DISCREPANCIES TO ENGINEER FOR CLARIFICATION.

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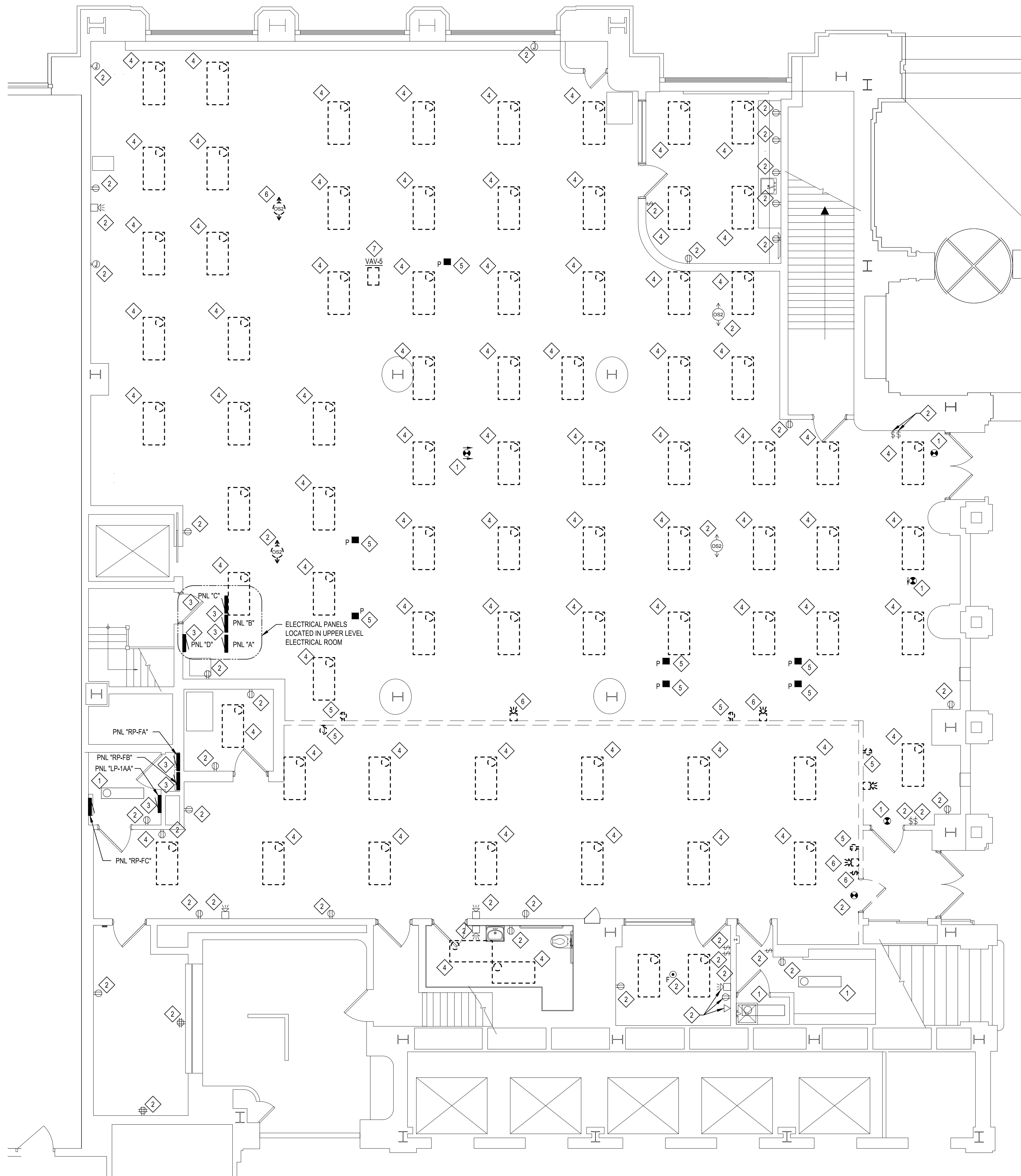
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PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
REDESIGN**

ELECTRICAL SYMBOLS,
ABBREVIATIONS,
SCHEDULES, AND NOTES

PROJECT NO. 186/2327.1.MNB			
INDEX	PCA	MJTC	JFS
DRAWN BY			
DESIGNED BY			
JCIENG BY			

E-100




ELECTRICAL - FLOOR PLAN - DEMOLITION
 SCALE: 3/16" = 1'-0"


DEMOLITION NOTES

- 1 EXISTING LIGHT FIXTURE TO REMAIN.
- 2 EXISTING DEVICE TO REMAIN.
- 3 EXISTING EQUIPMENT TO REMAIN.
- 4 DISCONNECT & REMOVE EXISTING LIGHT FIXTURE, ASSOCIATED CONDUIT & WIRE TO REMAIN FOR NEW LIGHT FIXTURE LAYOUT, MODIFY AS REQUIRED TO SERVE NEW LIGHTING LAYOUT.
- 5 DISCONNECT & REMOVE EXISTING DEVICE. REMOVE ASSOCIATED CONDUIT & WIRE.
- 6 DISCONNECT & REMOVE EXISTING DEVICE FOR RE-LOCATION. REFER TO NEW LAYOUT FOR LOCATION. CONDUIT AND WIRE TO REMAIN, MODIFY TO FIT NEW LOCATION.
- 7 DISCONNECT & REMOVE EXISTING EQUIPMENT. REMOVAL OF EQUIPMENT BY OTHERS.

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STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 STATE FACILITIES ADMINISTRATION
DESIGN AND CONSTRUCTION DIVISION
 ADAM P. LACH, RA, NCARB, DIRECTOR



1/16/2025	BID	
5/30/2024	PERMIT	
5/06/2024	PHASE 300 100%	
DATE	Review	

PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
 REDESIGN**

**ELECTRICAL - FLOOR PLAN
 - DEMOLITION**

PROJECT NO. 186/2327.1.MNB	
INDEX	
PCA	MJTC
DRAWN BY	MJTC
DESIGNED BY	JFS
JCIENG BY	JFS

E-300



ELECTRICAL KEY NOTES

- 1 CONTRACTOR SHALL RE-CIRCUIT LIGHTING TO EXISTING SWITCH LOCATION.
- 2 CONTRACTOR SHALL RE-LOCATE DEVICE TO NEW LOCATION.
- 3 CONTRACTOR SHALL SUPPLY NEW OCCUPANCY SENSOR, MATCH EXISTING CONTROLS SYSTEM.
- 4 CONTRACTOR SHALL SUPPLY NEW SWITCH TO MATCH EXISTING, TIE INTO LOCAL LIGHTING CIRCUIT.

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STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
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DESIGN AND CONSTRUCTION DIVISION
ADAM P. LACH, RA, NCARB, DIRECTOR

DATE	REVIEW
1/16/2025	BID
5/30/2024	PERMIT
5/08/2024	PHASE 300 100%

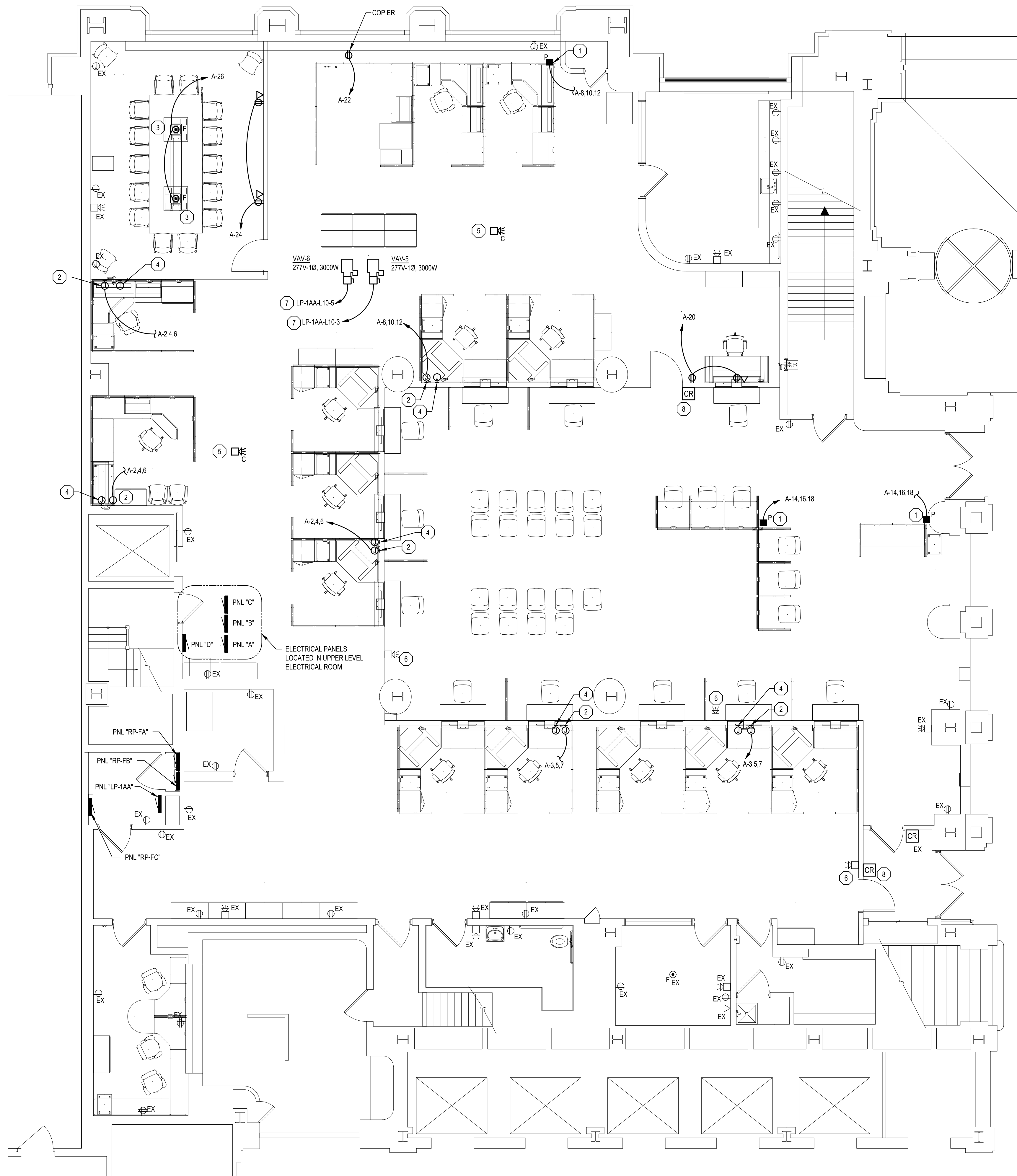
PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
REDESIGN**

**ELECTRICAL - FLOOR PLAN
LIGHTING NEW**

PROJECT NO. 186/2327.1.MNB	JFC
INDEX	MJTC
PCB	MJTC
DRAWN BY	MJTC
DESIGNED BY	JFC

E-400

ELECTRICAL - FLOOR PLAN - LIGHTING



ELECTRICAL - FLOOR PLAN - POWER
 SCALE: 3/16" = 1'-0"

GENERAL ELECTRICAL NOTES

- CONTRACTOR SHALL HAVE THE FIRE ALARM SYSTEM RE-CERTIFIED UPON COMPLETION OF THE NEW WORK.

ELECTRICAL KEY NOTES

- CONTRACTOR SHALL PROVIDE POWER POLE FOR FURNITURE CONNECTION. CONNECTION SHALL BE AN (8) WIRE CONNECTION. POWER POLE SHALL HAVE DIVIDER FOR DEDICATED DATA RACEWAY COORDINATE FINAL LOCATION WITH FURNITURE DRAWINGS.
- CONTRACTOR SHALL PROVIDE BASEFEED FOR FURNITURE CONNECTION. CONNECTION SHALL BE AN (8) WIRE CONNECTION. COORDINATE FINAL LOCATION WITH FURNITURE DRAWINGS.
- CONTRACTOR SHALL PROVIDE FLUSH MOUNTED LEGRAND EVOLUTION SERIES OR EQUAL FLOOR BOX WITH (2) RECEPTACLES AND (2) DATA OUTLETS. PROVIDE SEPARATE CONDUIT FOR DATA AND LINE VOLTAGE FROM BOX TO OPEN CEILING SPACE.
- CONTRACTOR SHALL PROVIDE 1-1/2 INCH CONDUIT FOR DATA FEEDS TO FURNITURE. COORDINATE WITH FURNITURE PROVIDER.
- CONTRACTOR SHALL INSTALL NEW FIRE ALARM DEVICE. COORDINATE DEVICE WITH EXISTING SIMPLEX SYSTEM.
- CONTRACTOR SHALL RE-INSTALL EXISTING FIRE ALARM DEVICE IN NEW LOCATION. MODIFY WIRING AS NEEDED TO SERVE NEW LOCATION.
- CONTRACTOR SHALL USE EXISTING SPARE BREAKER IN PANEL LP-1AA.
- COORDINATE KEY ACCESS ROUGH INS WITH OWNER AND SECURITY CONTRACTOR.

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STATE OF MICHIGAN
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 STATE FACILITIES ADMINISTRATION
 DESIGN AND CONSTRUCTION DIVISION
 ADAM P. LACH, RA, NCARB, DIRECTOR

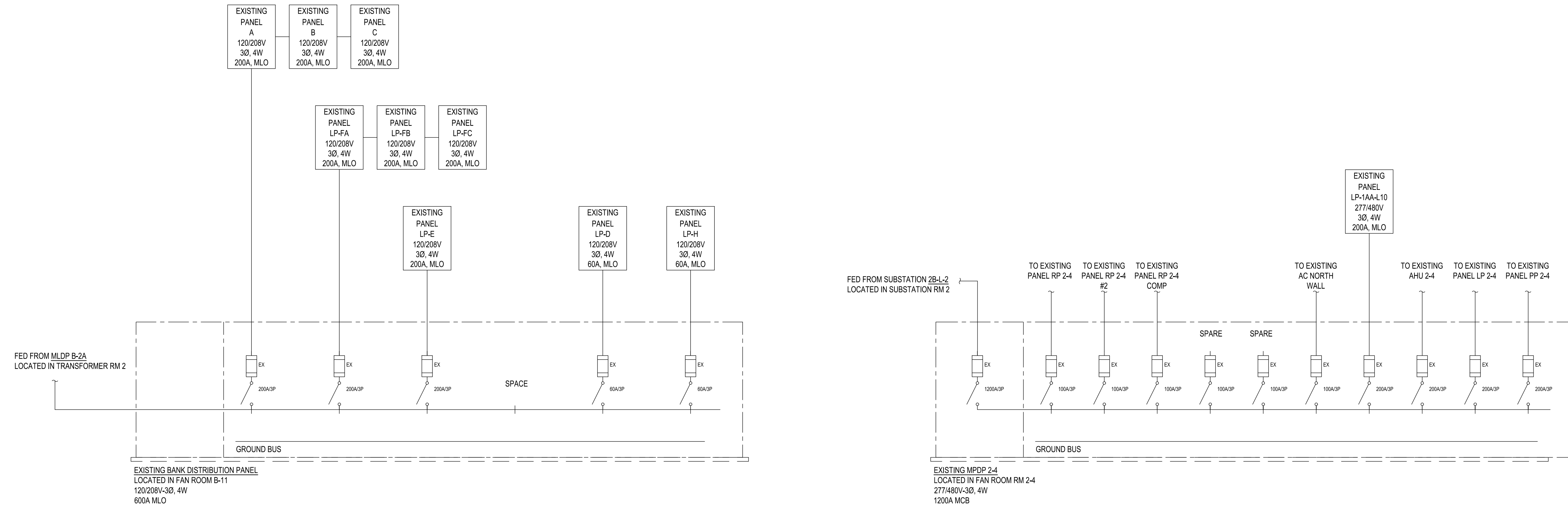
1/16/2025	BID		Review
5/30/2024	PERMIT		
5/06/2024	PHASE 300 100%		
DATE			

PROJECT DESCRIPTION
**CADILLAC PLACE - UJA LOBBY
 REDESIGN**

**ELECTRICAL - FLOOR PLAN
 POWER NEW**

PROJECT NO. 186/2327.1.MNB			
INDEX		MJTC	JFS
PCA		MJTC	JFS
DRAWN BY		MJTC	JFS
DESIGNED BY		MJTC	JFS
JCIENG BY			

E-500



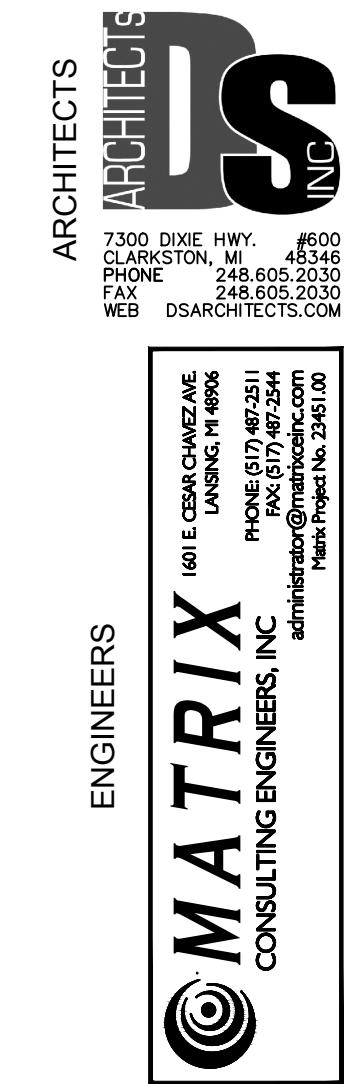
PARTIAL ELECTRICAL RISER DIAGRAM
SCALE: N.T.S.

EXISTING PANEL "A"														
VOLTS: 208 / 120 PHASE: 3 WIRE: 4 AMPS: 200 MAIN: MLO														
BRKR	A	P	DESCRIPTION	CIRCUIT			PHASE LOADS			CIRCUIT		DESCRIPTION	BRKR	
				VA	NO		A	B	C	NO	VA			
20	I		UIA SPARE IN J-BOX (EX)	360	1		1260			2	900	WEST FURNITURE FEED	20	I
20	I		SOUTH FURNITURE FEED	900	3		1800			4	900	WEST FURNITURE FEED	20	I
20	I		SOUTH FURNITURE FEED	900	5				1800	6	900	WEST FURNITURE FEED	20	I
20	I		SOUTH FURNITURE FEED	900	7	1620				8	720	NORTH FURNITURE FEED	20	I
20	I		UIA GENERAL RCPT (EX)	540	9		1260			10	720	NORTH FURNITURE FEED	20	I
20	I		UIA GENERAL RCPT (EX)	540	11			1260		12	720	NORTH FURNITURE FEED	20	I
20	I		UIA GEN RECEPTION (EX)	540	13	1440				14	900	LOBBY POWER POLE	20	I
20	I		UIA GENERAL RCPT (EX)	540	15		1440			16	900	LOBBY POWER POLE	20	I
20	I		UIA KITCHEN FRIDGE (EX)	720	17			1620		18	900	LOBBY POWER POLE	20	I
20	I		UIA KITCHEN COFFEE (EX)	1500	19	1860				20	360	SINGLE DESK	20	I
20	I		UIA KITCHEN DISPOSAL (EX)	1000	21		2500			22	1500	UIA COPIER	20	I
20	I		UIA KITCH MICRO (EX)	1000	23			1360		24	360	CONF. ROOM RECEPTION	20	I
20	I		UIA KITCH MICRO (EX)	1000	25	1720				26	720	CONF. ROOM FLOOR BOX	20	I
			SPACE		27		0			28		SPACE (EX)		
			SPACE		29					30		SPACE (EX)		
CONNECTED				7900	7000	6040	TOTAL CONNECTED LOAD		20940	VOLT-AMPS		58.13	AMPS	
TOTAL CONNECTED				20940										

EXISTING PANEL "A" LOAD SUMMARY		
VOLTS: 208 / 120 PHASE: 3 WIRE: 4 PANEL SIZE: 200A		
LOAD DESCRIPTION	DESCRIPTION	CONNECTED VA
REMOVED FURNITURE FEEDS		-11900.00
ADDED FURNITURE FEEDS		13200.00
TOTAL VA:		1300.00
TOTAL AMPS:		3.61

EXISTING PANEL "LP-1AA-L10"														
VOLTS: 480 / 277 PHASE: 3 WIRE: 4 AMPS: 200 MAIN: MLO														
BRKR	A	P	DESCRIPTION	CIRCUIT			PHASE LOADS			CIRCUIT		DESCRIPTION	BRKR	
				VA	NO		A	B	C	NO	VA			
20	I		TREASURY LIGHTING	865	1		1945			2	1080	UIA LIGHTING	20	I
20	I		NEW VAV-5	3000	3			4485		4	1485	UIA LIGHTING	20	I
20	I		NEW VAV-6	3000	5				3000	6		SPARE (EX)	20	I
20	I		UIA BASEBOARD HTR (EX)	3000	7	3000				8		SPARE (EX)	20	I
20	I		SPARE (EX)		9			0		10		SPARE (EX)	20	I
20	I		TREASURY VAV-2 (EX)	1000	11				2000	12	1000	UIA VAV-4 (EX)	20	I
			SPACE (EX)		13	1000				14	1000	TREASURY VAV-3 (EX)	20	I
			SPACE (EX)		15			0		16		SPACE (EX)		
			SPACE (EX)		17				0	18		SPACE (EX)		
			SPACE (EX)		19	0				20		SPACE (EX)		
			SPACE (EX)		21			0		22		SPACE (EX)		
			SPACE (EX)		23			0		24		SPACE (EX)		
50	I		UIA INST HOT WATER (EX)	10000	25	10000				26		SPACE (EX)		
20	2		NEW SPARE		27		3000			28	3000	UIA VAV-1 (EX)		
-	-				29			3000		30	3000			
25	3		UIA VAV-2 (EX)	5000	31	8333				32	3333	UIA VAV-3 (EX)		
-	-			5000	33			8333		34	3333			
-	-			5000	35				8333	36	3333			
20	2		TREASURY VAV-1 (EX)	1000	37	1000				38		SPACE (EX)		
-	-			1000	39		1000			40		SPACE (EX)		
			SPACE (EX)		41				0	42		SPACE (EX)		
CONNECTED				25278	16818	16333	TOTAL CONNECTED LOAD		58429	VOLT-AMPS		70.28	AMPS	
TOTAL CONNECTED				58429										

EX PANEL "LP-1AA-L10" LOAD SUMMARY		
VOLTS: 480 / 277 PHASE: 3 WIRE: 4 PANEL SIZE: 200A		
LOAD DESCRIPTION	DESCRIPTION	CONNECTED VA
REMOVED LIGHTING		-7325.00
REMOVED VAV-5		-6000.00
ADDED LIGHTING		3430.00
ADDED VAV-5		3000.00
ADDED VAV-6		3000.00
TOTAL VA:		-3895.00
TOTAL AMPS:		-4.68



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	DATE	
	Review	

PROJECT DESCRIPTION
CADILLAC PLACE - UIA LOBBY REDESIGN

ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES

PROJECT NO. 186/23271.MNB
INDEX
PCA
DRAWN BY
DESIGNED BY
JCIENG BY

E-600