

9186.04 - DHS CC STRATEGIC SPACE PLANNING HOOVER 3RD FLOOR DEPT OF ADMIN SERVICES

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VICINITY MAP



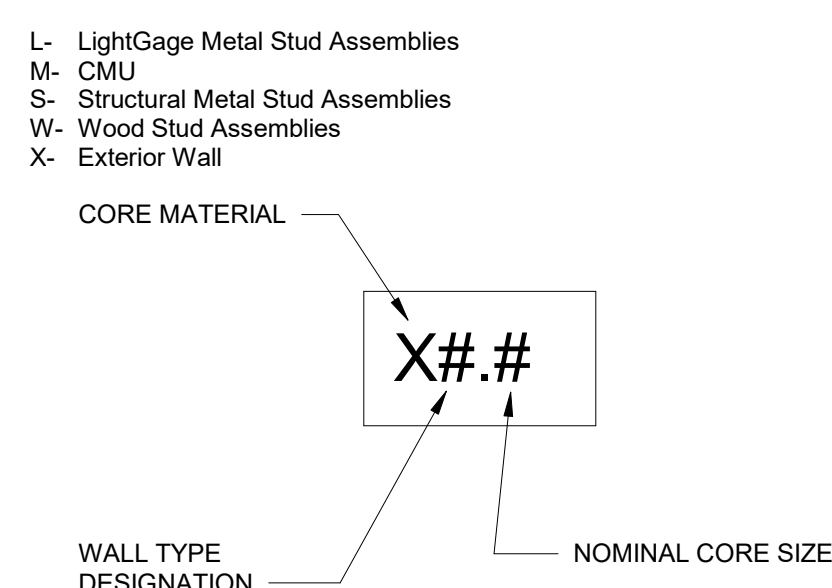
PROJECT SITE

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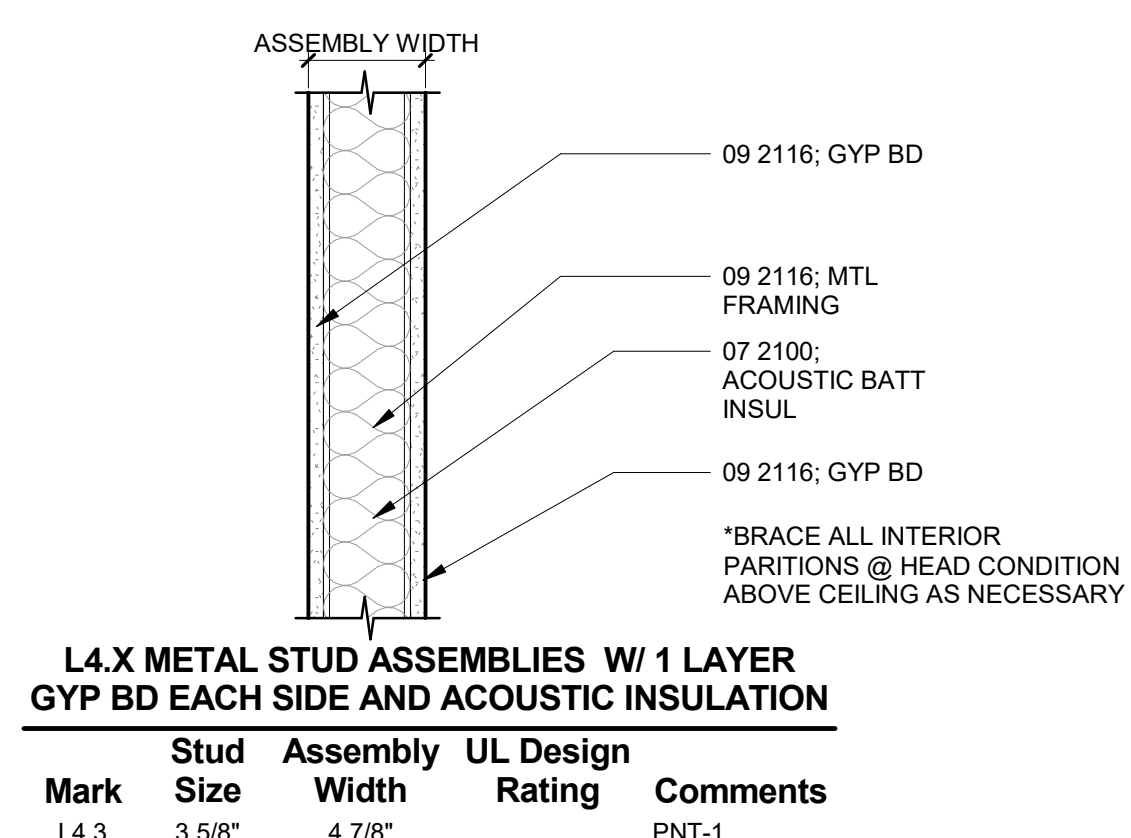
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GENERAL WALL TYPES NOTES

- REFER TO SPECIFICATION SECTION 09 2116 - GYPSUM BOARD ASSEMBLIES FOR MINIMUM STUD THICKNESS, MAXIMUM STUD SPACING, AND PERFORMANCE CRITERIA FOR NON-LOAD-BEARING METAL-FRAMED GYPSUM BOARD WALL AND SHAFT WALL ASSEMBLIES, INCLUDING MAXIMUM DEFLECTION, ACOUSTICAL-RATED, FIRE-RESISTANCE-RATED, AND SMOKE-RESISTANCE-RATED REQUIREMENTS. CONSTRUCT ACOUSTICAL-RATED, FIRE-RESISTANCE-RATED, AND SMOKE-RESISTANCE-RATED WALLS ACCORDING TO THEIR RESPECTIVE ASSEMBLY TEST REPORTS. ENSURE MATERIALS USED WITHIN AN ASSEMBLY COMPLIES WITH MANUFACTURER'S DATA AND THE PRODUCT QUALITIES INDICATED IN THEIR RESPECTIVE ASSEMBLY SPECIFICATIONS AND TEST REPORTS.
- PENETRATIONS THROUGH, AND THE PERIMETER OF FIRE-RESISTANCE-RATED WALLS, SHALL BE FILLED WITH AN APPROPRIATE FIRESTOPPING SYSTEM MEETING PERFORMANCE REQUIREMENTS INDICATED ON DRAWINGS AND AS SPECIFIED IN SECTION 07 8400 - FIRESTOPPING.
- EXTEND WALL FRAMING TO BOTTOM OF EXISTING CEILING IN ALL LOCATIONS, UNLESS SPECIFICALLY NOTED OTHERWISE, ALLOWING FOR DEFLECTION WHILE MAINTAINING APPROPRIATE ACOUSTICAL-RATING.
- ACOUSTICAL-RATED WALLS SHALL HAVE ACOUSTIC SOUND BATT INSULATION WITHIN STUD SPACE FOR THE ENTIRE LENGTH AND HEIGHT OF WALL AND ACOUSTIC SEALANT AT ENTIRE PERIMETER OF GYPSUM BOARD, INCLUDING PENETRATIONS, EXCEPT WHERE FIRESTOPPING IS PROVIDED.
- UL LISTINGS ON THIS DRAWING SHEET ONLY APPLY TO WALLS THAT ARE REQUIRED TO BE FIRE-RESISTANCE-RATED AND SMOKE-RESISTANCE-RATED. REFER TO CODE SHEET G-002 FOR IDENTIFICATION AND EXTENT OF WALLS REQUIRED TO BE FIRE-RESISTANCE-RATED AND SMOKE-RESISTANCE-RATED.
- WALLS REQUIRED TO BE FIRE-RESISTANCE-RATED AND SMOKE-RESISTANCE-RATED SHALL BE IDENTIFIED WITH A LABEL ABOVE THE CEILING ON EACH SEGMENT OF WALL, LOCATED NO MORE THAN 2'-0" ON CENTER ON BOTH SIDES OF WALL OR AS OTHERWISE REQUIRED BY AHJ.
- FIRE-RESISTANCE-RATED AND SMOKE-RESISTANCE-RATED WALLS SHALL EXTEND AND SEAL TO INTERIOR FACE OF EXTERIOR SHEATHING, INCLUDING EXTENSIONS THROUGH SOFFITS.
- CUT GYPSUM TO CONTOURS OF ROOF DECK FLUTES AND SEAL WITH ACOUSTIC SEALANT ON EACH SIDE.



Wall Type Naming Key



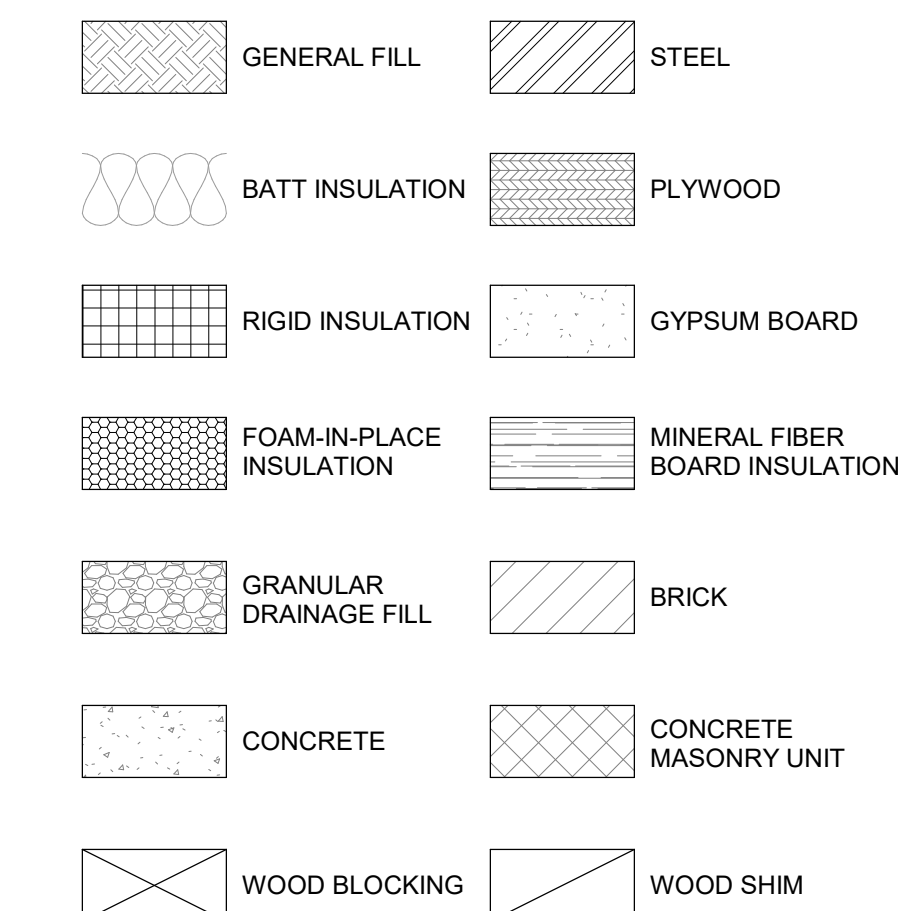
LIST OF ABBREVIATIONS

@	AT	AC	ACOUSTICAL COMPONENT	NIC	NOT IN CONTRACT
AC	ACOUSTICAL	NO	NUMBER	NOM	NOMINAL
ACST	ACOUSTICAL	NOM	NOMINAL	NTS	NOT TO SCALE
ADJ	ADJACENT OR ADJUSTABLE	NTS	NOT TO SCALE	OC	ON CENTER
AFF	ABOVE FINISH FLOOR	OD	OUTSIDE DIAMETER OR DIMENSION	OF/CI	OWNER FURNISHED, CONTRACTOR INSTALLED
AL	ALUMINUM	OF/OI	OWNER FURNISHED, OWNER INSTALLED	OPNG	OPENING
ALT	ALTERNATE	OPNG	OPENING	OPP	OPPOSITE
ANOD	ANODIZED	ORD	OVERFLOW ROOF DRAIN	PCC	PRECAST CONCRETE
APCC	ARCHITECTURAL PRECAST CONCRETE	PCC	PRECAST CONCRETE	PCCNC	POLISHED CONCRETE
APPROX	APPROXIMATE	PEF	POURED EPOXY FLOORING	PL	PLATE
ARCH	ARCHITECTURAL	PL	PLATE	PLAM	PLASTIC LAMINATE
ATC	ACOUSTICAL TILE CEILING	PLBS	PLUMBING	PLYWD	PLYWOOD
AV	AUDIO VISUAL	PNT	PAINT(ED)	PR	PAIR
AW	ARCHITECTURAL WOODWORK	PL	PLATE	R	RISER
BD	BOARD	PLAM	PLASTIC LAMINATE	RB	RESILIENT BASE
BEJ	BRICK EXPANSION JOINT	PLBS	PLUMBING	RCP	REFLECTED CEILING PLAN
BLOG	BUILDING	PLYWD	PLYWOOD	RD	ROOF DRAIN
BLKG	BLOCKING	PNT	PAINT(ED)	REBAR	REINFORCING BAR(S)
BO_	BOTTOM OF	PR	PAIR	REF	REFERENCE
BRG	BEARING	R	RISER	REFR	REFRIGERATOR
CG	CORNER GUARD	RB	RESILIENT BASE	REIN	REINFORCE OR REINFORCING
CIP	CAST-IN-PLACE CONCRETE	RCP	REFLECTED CEILING PLAN	REQD	REQUIRE(D)
CJ	CONTROL JOINT	RD	ROOF DRAIN	RF	RESILIENT FLOORING
CL	CENTER LINE	REBAR	REINFORCING BAR(S)	RM	ROOM
CLR	CLEAR	REF	REFERENCE	RO	ROUGH OPENING
CMU	CONCRETE MASONRY UNIT	REFR	REFRIGERATOR	RR	RESTROOM
COL	COLUMN	REIN	REINFORCE OR REINFORCING	RST	REINFORCING STEEL
CONC	CONCRETE	REQD	REQUIRE(D)	RWP	RIGID SHEET WALL PROTECTION
CONT	CONTINUOUS	RF	RESILIENT FLOORING	SATC	SUSPENDED ACOUSTICAL TILE CEILING
CPT	CARPETING / CARPET TILE	RM	ROOM	SCHED	SCHEDULE
CW	CURTAIN WALL	RO	ROUGH OPENING	SCONC	SEALED CONCRETE
DBL	DOUBLE	RR	RESTROOM	SECT	SECTION
DEMO	DEMOLITION / DEMOLISH	RST	REINFORCING STEEL	SF	SQUARE FOOT OR FEET
DF	DRINKING FOUNTAIN	RWP	RIGID SHEET WALL PROTECTION	SHT	SHEET
DIA	DIAMETER	SATC	SUSPENDED ACOUSTICAL TILE CEILING	SHTHG	SHEATHING
DN	DOWN	SCHED	SCHEDULE	SIM	SIMILAR
DR	DOOR	SCONC	SEALED CONCRETE	SIPS	STRUCTURAL INSULATED PANELS
DS	DOWNSPOUT	SECT	SECTION	SLNT	SEALANT
DTL	DETAIL	SF	SQUARE FOOT OR FEET	SLNTR	SEALANT AND BACKER ROD
DW	DISHWASHER	SHT	SHEET	SOG	SLAB-ON-GRADE
DWG	DRAWING(S)	SHTHG	SHEATHING	SSM	SOLID SURFACING MATERIAL
EA	EACH	SIM	SIMILAR	SST	STAINLESS STEEL
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	SIPS	STRUCTURAL INSULATED PANELS	STD	STANDARD
EJ	EXPANSION JOINT	SLNT	SEALANT	STF	STOREFRONT
EL	ELEVATION	SLNTR	SEALANT AND BACKER ROD	STL	STEEL
ELEC	ELECTRICAL	SOG	SLAB-ON-GRADE	STRUCT	STRUCTURAL
ELEV	ELEVATOR	SSM	SOLID SURFACING MATERIAL	SUSP	SUSPENDED
EQ	EQUAL	SST	STAINLESS STEEL	T	TREAD OR TILE
EQUIP	EQUIPMENT	STD	STANDARD	T&B	TOP AND BOTTOM
EW	ELECTRIC WATER COOLER	STF	STOREFRONT	TAC	TACKBOARD
EX	EXPOSED	STL	STEEL	TELECOM	TELECOMMUNICATION(S)
EXH	EXHAUST	STRUCT	STRUCTURAL	TOB	TOP OF BEAM
EXIST	EXISTING	SUSP	SUSPENDED	TOC	TOP OF CONCRETE/COUNTER
EXP	EXPANSION	T	TREAD OR TILE	TOF	TOP OF FRAME
EXT	EXTERIOR	T&B	TOP AND BOTTOM	TOJ	TOP OF JOIST
FACP	FIRE ALARM CONTROL PANEL	TAC	TACKBOARD	TOM	TOP OF MASONRY
FD	FLOOR DRAIN	TELECOM	TELECOMMUNICATION(S)	TOS	TOP OF SLAB OR STEEL
FDC	FIRE DEPARTMENT CONNECTION	TOB	TOP OF BEAM	FTG	TOP OF WALL
FE	FIRE EXTINGUISHER ON BRACKET	TOC	TOP OF CONCRETE/COUNTER	TYP	TYPICAL
FEC	FIRE EXTINGUISHER CABINET	TOF	TOP OF FRAME	TZ	TERRAZZO
FF	FINISHED FACE OR FLOOR	TOJ	TOP OF JOIST	UON	UNLESS OTHERWISE NOTED
FIN	FINISH	TOM	TOP OF MASONRY	VAR	VARIES
FLEX	FLEXIBLE	TOS	TOP OF SLAB OR STEEL	VERT	VERTICAL
FLR	FLOOR	FTG	TOP OF WALL	VIF	VERIFY IN FIELD
FTG	FOOTING	TYP	TYPICAL	W	WITH
FURN	FURNITURE/FURNISHINGS	TZ	TERRAZZO	W/O	WITHOUT
G	GROUT	UON	UNLESS OTHERWISE NOTED	WB	WALL BUMPER
GA	GAGE	VAR	VARIES	WC	WALL COVERING
GALV	GALVANIZED	VERT	VERTICAL	WD	WOOD
GFR	GLASS-FIBER-REINFORCED	VIF	VERIFY IN FIELD	WDP	WOOD PANEL
GYP	GYPSUM	W	WITH	WWF	WELDED WIRE FABRIC
GYP BD	GYPSUM BOARD	W/O	WITHOUT		
HM	HOLLOW METAL	WB	WALL BUMPER		
HORIZ	HORIZONTAL	WC	WALL COVERING		
HT	HEIGHT	WD	WOOD		
IB	INTEGRAL BASE	WDP	WOOD PANEL		
INSUL	INSULATION	WWF	WELDED WIRE FABRIC		
INT	INTERIOR				
JOINT	JOINT				
LKR	LOCKER				
MAS	MASONRY				
MAT	ENTRY WALK-OFF MAT				
MAX	MAXIMUM				
MECH	MECHANICAL				
MFR	MECHANICAL MANUFACTURER				
MIN	MINIMUM				
MIRR	MIRROR OR MIRRORRED				
MTL	METAL				
MTLP	METAL PANEL				

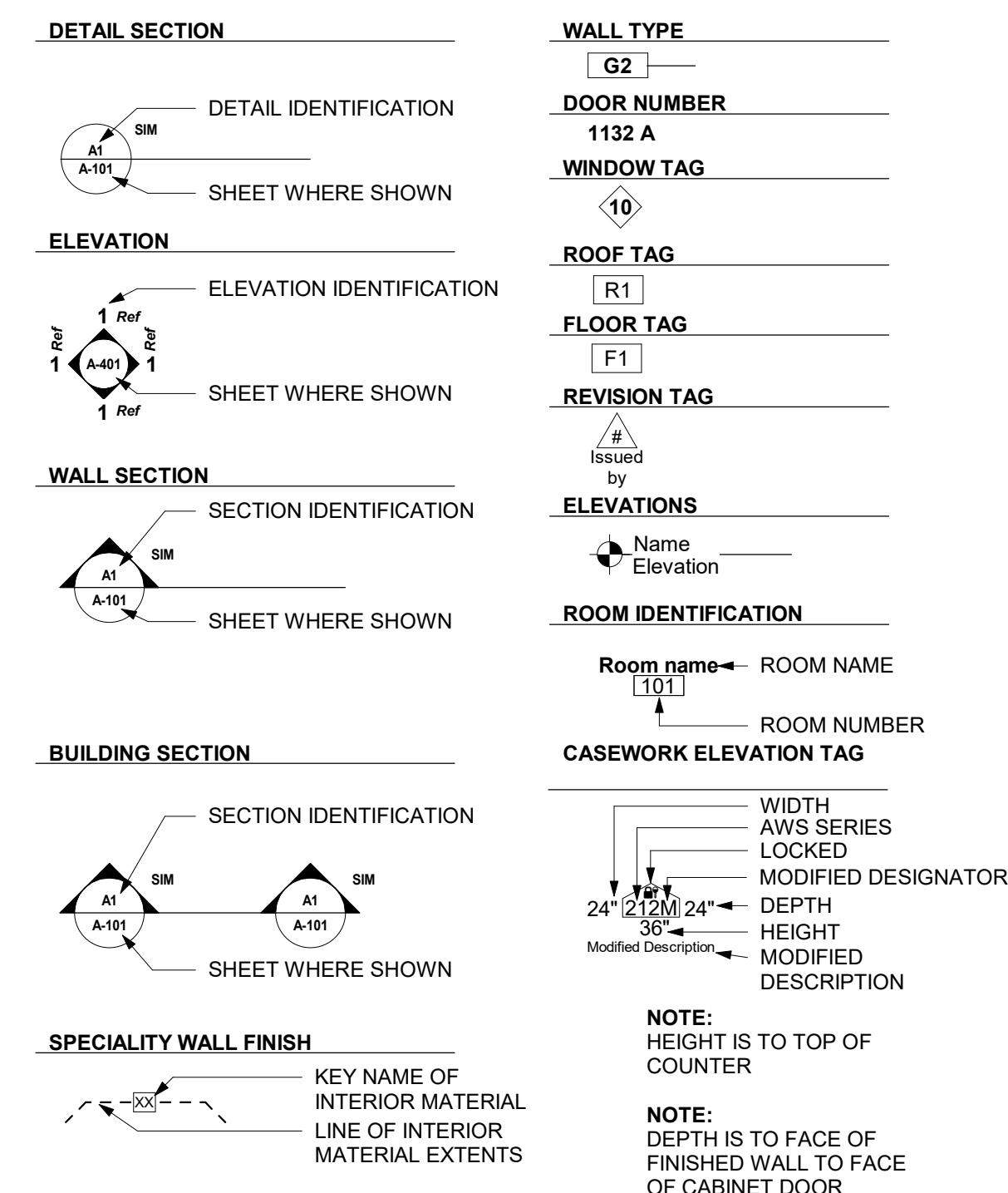
GENERAL NOTES

- SEAL ALL PENETRATIONS THROUGH NON-FIRE RATED INTERIOR PARTITIONS AND FLOOR SLABS NOT ON GRADE WITH ACOUSTIC SEALANT. ALL INTERIOR WALLS ARE WALL TYPE "L4.3" UNLESS NOTED OTHERWISE

MATERIAL SYMBOLS



REFERENCE INDICATIONS



PROJECT NAME
9186.04 - DHS CC STRATEGIC SPACE PLANNING HOOVER 3RD FLOOR DEPT OF ADMIN SERVICES

KEY PLAN

ALL ARCH SHEETS TO BE PRINTED IN COLOR

OWNER
STATE OF IOWA
RF# No. 918604-01
DAS No. 9186-04

PROJECT No. 24.048

DATE	DESCRIPTION
07/17/2024	50% CONSTRUCTION DOCUMENTS
08/05/2024	95% CONSTRUCTION DOCUMENTS
08/22/2024	100% CONSTRUCTION DOCUMENTS

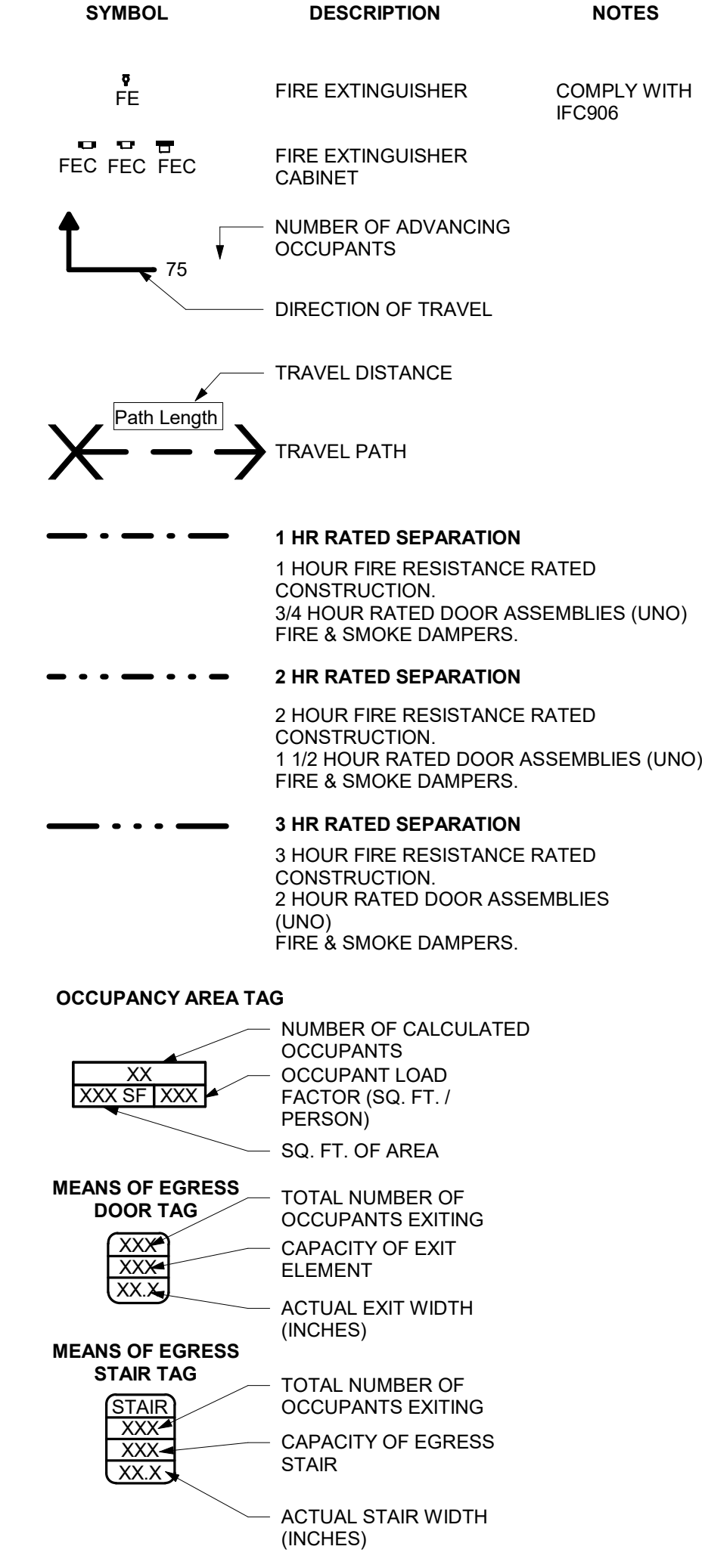
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SHEET NAME
TITLE SHEET AND DRAWING INDEX

SHEET NUMBER
G-001

	I hereby certify that this engineering document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. ERIC HEYNE Signature: <i>Eric Heynen</i> Date: 08/22/2024 License renewal date: December 31, 2025		I hereby certify that this engineering document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. CHAD D. BASS Signature: <i>Chad Bass</i> Date: 08/22/2024 License renewal date: December 31, 2025		I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed Architect under the laws of the State of Iowa. LINDLEY E. KENT Signature: <i>Lindley E. Kent</i> Date: 08/22/2024 License # 07563 Pages or sheets covered by this seal: G SHEETS & A SHEETS
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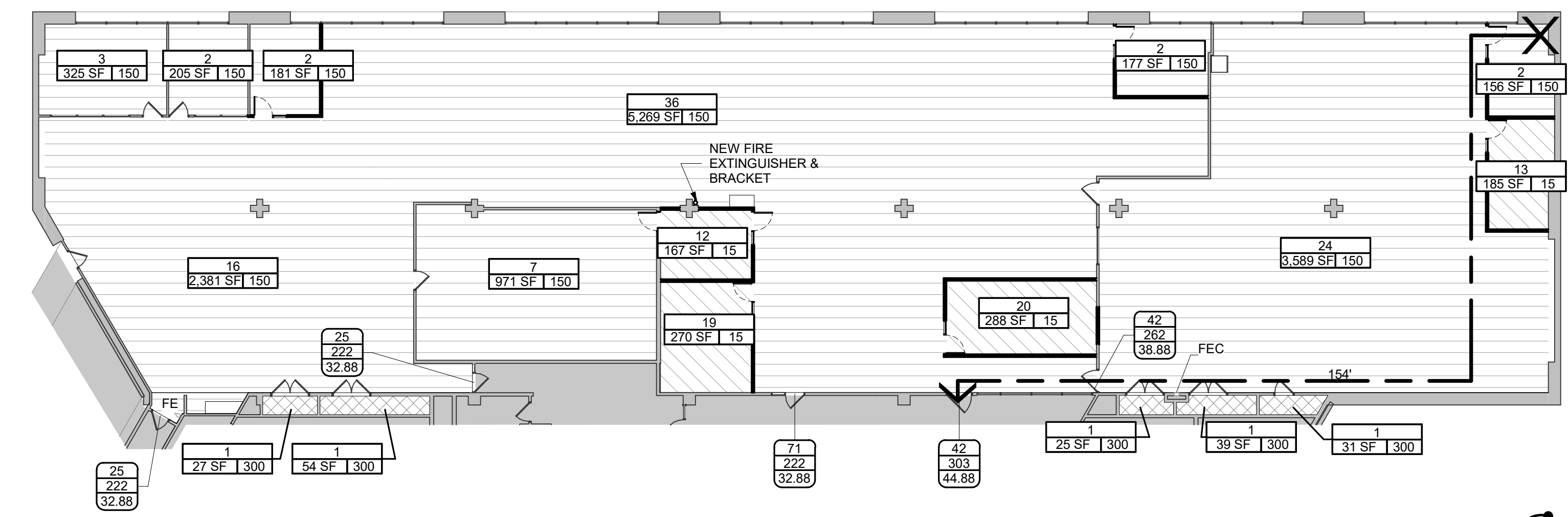
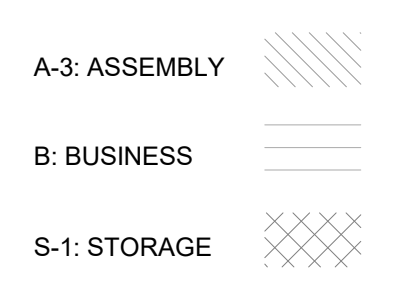
CODE PLAN LEGEND



2021 LIFE SAFETY - OCCUPANT LOADS

Number	Name	2021 Space Function Per IBC Chapter 10	Area	2021 Occupancy Load Factor	2021 Occupant Load
H374	CONFERENCE ROOM	Assembly W/out Fixed Seats-Unconcentrated (tables and chairs)	185 SF	15	13
H366	CONFERENCE ROOM	Assembly W/out Fixed Seats-Unconcentrated (tables and chairs)	288 SF	15	20
H364	CONFERENCE ROOM	Assembly W/out Fixed Seats-Unconcentrated (tables and chairs)	270 SF	15	19
H362	CONFERENCE ROOM	Assembly W/out Fixed Seats-Unconcentrated (tables and chairs)	167 SF	15	12
H372	OFFICE	Business Areas	156 SF	150	2
H368	OFFICE	Business Areas	177 SF	150	2
H342	OPEN OFFICE	Business Areas	325 SF	150	3
H344	OFFICE	Business Areas	205 SF	150	2
H346	OFFICE	Business Areas	181 SF	150	2
H352	OPEN OFFICE	Business Areas	971 SF	150	7
H370	OFFICE	Business Areas	3,589 SF	150	24
H254	OPEN OFFICE	Business Areas	5,269 SF	150	36
H340	OPEN OFFICE	Business Areas	2,381 SF	150	16
H348	ELEC	Mercantile-Storage, Stock, Shipping Areas	27 SF	300	1
H350	COMM	Mercantile-Storage, Stock, Shipping Areas	54 SF	300	1
H361	ELEC	Mercantile-Storage, Stock, Shipping Areas	25 SF	300	1
H363	COMM	Mercantile-Storage, Stock, Shipping Areas	39 SF	300	1
H366	STOR	Mercantile-Storage, Stock, Shipping Areas	31 SF	300	1
			14,339 SF		163

USE AND OCCUPANCY CLASSIFICATION LEGEND



LEVEL 3 USE & OCCUPANCY PLAN
1/16" = 1'-0"

Code Review (IEBC Analysis)

Project: 9186.04 - DHS CC Strategic Space Planning Hoover 3rd Floor Dept of Admin Services
Address: 1305 E Walnut St Des Moines, IA 50319
Date: 2024.08.19

Applicable Codes
2015 International Building Code
2021 State Mechanical (Based on 2021 International Mechanical Code)
2015 International Fire Code
2020 National Electrical Code
2021 State Plumbing Code (Based on 2021 Uniform Plumbing Code)
2012 International Energy Conservation Code

Project Description
Level 3 renovation of Hoover Building - DAS offices.
Primary: Group B, offices include professional or service-type transactions, including storage of records and accounts.

BASIC INFORMATION
Renovation
14,173 GSF (North portion of level 3 floor plate)
Construction Type: I-B
Occupancy Groups: B (Level 3), A-3 (Level 3)

Chapter 1 - Scope and Administration
Demolition work to follow IEBC Chapter 15
All sub-contractors will need to apply for and obtain their own specialty permits.
An approved set of plans including plan review comments is to be kept on the job site and be available to the building inspectors.

Chapter 2 - Definitions
See IBC 2021

Proposed Building
Type I-A
Alterations - Level 2

14,159 GSF
3 stories above grade
Building height: 58'-0" above grade plane average parapet height.
Fully sprinklered per Section 903 of the 2021 International Fire Code.

Chapter 4 - Repairs
Construction Type: I-A

403 Fire Protection
Repairs shall be done in a manner that maintains the level of fire protection provided.
(Table 601 IBC) REQ. PROVIDED
Structural Frame including columns, girders & trusses 3 hr 3 hr
Bearing Walls-Exterior 3 hr 3 hr
Bearing Walls-Interior 3 hr 3 hr
Nonbearing walls & partitions-Exterior 1 hr 1 hr**
Nonbearing walls & partitions-Interior 0 hr Varies
Floor Construction including supporting beams & joists 2 hr 2 hr
Roof Construction including supporting beams & joists 1 hr 1 hr**

* New additions will be rated to 1 hr. Existing exterior walls will meet or exceed a 2hr rating.

Chapter 5 - Classification of Work

602.1 Scope
Level 1 alterations include the removal and replacement or the covering of existing materials, elements, equipment, or fixtures using new materials, elements, equipment, or fixtures that serve the same purpose.

602.2 Application
Level 1 alterations shall comply with the provisions of Chapter 7.

603.1 Scope
Level 2 alterations include the reconfiguration of space, the addition or elimination of any door or window, the reconfiguration or extension of any system, or the installation of any additional equipment.

603.2 Application
Level 2 alterations shall comply with the provisions of Chapter 7 for Level 1 alterations as well as the provisions of Chapter 8.

606.1 General
Structural repairs shall be in compliance with section 606 and Section 601.2 and the detailing provisions of the International Building Code for new buildings of similar structure, purpose and location

707 Alterations - Level 1

702.1 Interior Finishes
Newly installed interior wall and ceiling finishes shall comply with Chapter 8 of the International Building Code.

702.2 Interior Floor Finish
New interior floor finish, including new carpeting used as an interior floor finish material, shall comply with Section 804 of the International Building Code.

702.3 Interior Trim
Newly installed interior trim materials shall comply with Section 806 of the International Building Code.

702.6 Materials and Methods
New work shall comply with the materials and methods requirements in the International Building Code, International Energy Conservation Code, International Mechanical Code, and International Plumbing Code, as applicable, that specify material standards, detail of installation and connection, joints, penetrations, and continuity of any element, component, or system in the building.

704.1 Means of Egress
Alterations shall be done in a manner that maintains the level of protection provided for the means of egress.

Chapter 8 - Alterations Level 2

801.2 Alteration Level 1 compliance
In addition to the requirements of this chapter, all work shall comply with the requirements of Chapter 7.

801.3 Compliance
New construction elements, components, systems and spaces shall comply with the requirements of the International Building Code.
Exceptions:
Windows may be added without requiring compliance with the light and ventilation requirements of the International Building Code.

803 Fire Protection
The requirements of this section shall be limited to work areas in which Level 2 alterations are being performed, and where specified they shall apply throughout the floor on which the work areas are located or otherwise beyond the work area.

803.2 Automatic sprinkler systems
Automatic sprinkler systems shall be provided in accordance with the requirements of Sections 803.2.1 through 803.2.4. Installation requirements shall be in accordance with the International Building Code.
803.2.2 Groups A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 and S-2
In buildings with occupancies in Groups A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 and S-2, work areas that have exits or corridors shared by more than one tenant or that have exits or corridors serving an occupant load greater than 30 shall be provided with automatic sprinkler protection where both of the following conditions occur:

805.8 Exit Signs
Exit signs shall be in accordance with this section, as applicable.

805.8.1 Work Areas
Means of egress in all work areas shall be provided with exit signs in accordance with the requirements of the International Building Code.

2015 International Building Code (New Building Code Analysis)

IBC Chapter 1 - Administration
105.1 Before construction an application shall be submitted to the building official to obtain the required permit.

107.3.1 An approved set of plans including plan review comments is to be kept on the job site and be available to the building inspectors.

IBC Chapter 2 - Definitions
Include applicable definitions if needed

IBC Chapter 3 - Use and Occupancy
B (Business Group) Level 3
A-3 (Assembly Group) Level 3

IBC Chapter 5 - Building Heights and Areas
Allowable Heights and Areas (Construction Type IB, Sprinklered):
Heights/ Stories - 160ft/ 12 Stories
Area - UL
Actual Heights and Areas
Heights/ Stories - 58 ft / 4 Stories (renovation - 1 story)
Area - 14,173 sf

IBC Chapter 6 - Type of Construction
Type: I-B

Tbl 601 Fire-resistance Rating for Building Elements

Structural frame 2 hr
Bearing walls 2 hr
Non-bearing walls 0 hr
Floor Construction 2 hr
Roof Construction 1 hr

IBC Chapter 7 - Fire and Smoke Protection

Tbl 705.5 Fire-resistance Rating for Exterior Walls
SF < X < 10ft 1 hr
10ft < X < 15ft 45%

Tbl 705.6 Maximum Area of Openings
SF < X < 10ft 25%
10ft < X < 15ft 45%

713.4 Shaft enclosures shall have a fire-resistance rating of not less than 2 hours where connecting four or more stories, and not less than 1 hour where connecting less than four stories.

IBC Chapter 9 - Fire Protection Systems
903.2.8 An automatic sprinkler system in accordance with NFPA is provided.
906.1 Portable fire extinguishers shall be installed in occupancy groups B & R-2. Each dwelling unit shall be provided with a portable fire extinguisher with minimum rating of 1-A:10-B-C.
Tbl 906.3 Except in Group R-2, a 2-A rated extinguisher shall be located within a maximum travel distance of 75 feet.

IBC Chapter 10 - Means of Egress

Tbl 1004.5 Maximum Floor Area Per Occupant
Business Areas 150 gross = 94 Occupants
Assembly (A-3) 15 net = 64 Occupants
Storage (S-1) 300 gross = 5 Occupants

Tbl 1017.2 Exit Access Travel Distance

Group B (Sprinklered) 300ft
Group A (Sprinklered) 250ft

IBC Chapter 11 - Accessibility
1110.15 Controls, operating mechanisms and hardware intended for operation, switches, and electrical outlets, in accessible spaces, shall be accessible.

IBC Chapter 29 - Plumbing

Tbl 2902.1 Minimum Number of Plumbing Fixtures, (or Tbl 422.1 of the Iowa State Plumbing Code)

Required:
Group B 1 WC per 25 1 Lav per 40
1 WC per 50 after 50 1 Lav per 80 exceeding 80
Group A 2 WCs per 100 (M) 1 WC per 65 (F) 1 per 200
Total Group B: 2 (M)
Group B: 2 (F)
Group A: 1 (M)
Group A: 1 (F)
3 WCs Lav: Group B - 2 + Group A - 1 = 3 total Lavs

Drinking Fountains

Group B 1 per 100
Group A 1 per 500
Total Group B: 1
Group A: 1

Provided

Men 5 WCs, 3 Urinals 7 Lav
Women 8 WCs 7 Lav
Drinking Fountains 2
Total 16 WCs, (or Urinals) 14 Lavs 2 Drinking Fountains

*Per International Plumbing Code section 419.2 Substitution for water closets. In each bathroom or toilet room, urinals shall not be substituted for more than 67 percent of the required water closets in all other occupancies. Urinals shall not be substituted for more than 50 percent of the required water closets in all other occupancies.

IBC Chapter 30 - Elevators

3001.5 An emergency two-way communication system with visible text and audible modes shall be provided that:
1. When operating in each mode, include a live interactive system that allows back and forth conversation between the elevator occupants and emergency personnel.
2. Is operational when the elevator is operational.
3. Allows elevator occupants to select the text-based or audible modes.

DEMO NOTES

- D1 FURNITURE VENDOR TO DEMOLISH WALL PRIOR TO START OF PROJECT. CONTRACTOR TO PATCH & REPAIR EXISTING FIXTURES & CEILING W/ ATTIC STICK PROVIDED BY OWNER.
- D2 FURNITURE VENDOR TO DEMOLISH WALL PRIOR TO START OF PROJECT. CONTRACTOR TO PATCH & REPAIR EXISTING WALL.
- D3 FURNITURE VENDOR TO DEMOLISH WALL PRIOR TO START OF PROJECT. CONTRACTOR TO PATCH & REPAIR EXISTING WINDOW / MULLION.
- D4 DEMOLISH EXISTING OVERHEAD COILING DOOR. PATCH / FILL & FINISH WALL (MATCH ADJACENT).
- D5 DEMOLISH EXISTING MAILBOXES. PATCH / FILL & FINISH WALL (MATCH ADJACENT).
- D6 DEMOLISH EXISTING WINDOW. PATCH / FILL @ FINISH WALL (MATCH ADJACENT).
- D7 DEMOLISH RAISED FLOOR & EXISTING RAMP IN OPEN OFFICE H370.
- D8 DEMOLISH EXISTING LAMINATE FLOORING. INSTALL NEW LAMINATE TILE.
- D9 REMOVE EXISTING CARPET. INSTALL NEW CARPET.
- D10 REMOVE EXISTING WALL BASE & REPAIR WALL AS NEEDED.
- D11 DEMOLISH EXISTING WOOD SHELF IN CORRIDOR H359.
- D12 CONTRACTOR TO DEMOLISH EXISTING CHAIR RAILS & WALLPAPER. CONTRACTOR TO PATCH, PAINT & REPAIR WALLS.
- D13 CONTRACTOR TO REMOVE EXISTING UNDERFLOOR SMOKE DETECTOR PANEL. PATCH & REPAIR EXISTING WALL.
- D14 CONTRACTOR TO REMOVE EXISTING DEVICE SERVING DEVICES BELOW THE RAISED FLOOR. PATCH & REPAIR EXISTING WALL.
- D15 CONTRACTOR TO DEMOLISH EXISTING COUNTERTOP & CASEWORK.
- D16 REMOVE EXISTING FIRE EXTINGUISHER CABINET. CONTRACTOR TO PATCH W/ MTL STUD DRYWALL. FLUSH WITH SURROUNDING WALL. PAINT TO MATCH ADJACENT MASONRY WALL COLOR.
- D17 CONTRACTOR TO DEMOLISH EXISTING SLOTTED WOOD CEILING.
- D18 REMOVE EXISTING MAIL SLOT(S) FOR INSTALLATION IN NEW LOCATION. PATCH / FILL & FINISH WALL - TO MATCH ADJACENT.

GENERAL DEMOLITION NOTES

1. REMOVE ALL MEPT SYSTEM COMPONENTS WITHIN AREAS OF THE WORK OF THIS CONTRACT THAT ARE NOTED AS ABANDONED OR TO BE ABANDONED BY THE WORK OF THIS CONTRACT.
2. REFER TO MECHANICAL PLANS FOR LOCATIONS OF ADDITIONAL OPENINGS TO BE CUT IN EXISTING WALLS FOR NEW DUCTWORK AND PIPING.
3. ALL EXISTING WALL SIGNAGE ARE TO BE PROTECTED WHILE PAINTING AND REINSTALLED IN ITS ORIGINAL LOCATION UNLESS NOTED OTHERWISE.
4. ALL EXISTING DOOR HARDWARE (CLOSERS, REQUEST TO EXIT DEVICES, CARD READERS, ETC.) ARE TO BE PROTECTED WHILE PAINTING DOORS & FRAMES.
5. ALL EXISTING STONE BASE TO BE PROTECTED / SALVAGED.
6. REFER TO MEP DRAWINGS FOR ADDITIONAL DEMOLITION OF DEVICES(S).

GENERAL FLOOR PLAN NOTES

1. ALL DIMENSIONS ARE TO FINISH FACE, UNLESS OTHERWISE NOTED.
2. WALLS TO BE TYPE L4.3, UNLESS OTHERWISE NOTED.
3. REPAIR AND PATCH CONCRETE FLOOR WHERE DAMAGED OR UNFINISHED RESULTING FROM DEMOLITION WORK.
4. WHEREVER DEMOLITION OF WALLS, CEILINGS, FLOORS, CASEWORK, OR OTHER ITEMS RESULTS IN EXPOSED, UNFINISHED EDGES, PLANES, OR FACIES OF ADJOINING WALLS, CEILINGS, FLOORS, ETC., THESE UNFINISHED ELEMENTS SHALL BE REPAIRED, PATCHED AND FINISHED WITH LIKE/COMPATIBLE MATERIALS AS REQUIRED TO MATCH ADJACENT SURFACE, UNLESS OTHERWISE NOTED IN THE DOCUMENTS.
5. WHERE REMOVAL OF ITEMS REQUIRED BY THIS CONTRACT, INCLUDING PLUMBING, MECHANICAL, ELECTRICAL, AND TELECOM ITEMS, LEAVES HOLES IN THE EXISTING WALLS, FLOORING, FLOOR SLAB, CEILINGS, AND/OR ROOF DECK, CONTRACTOR SHALL PATCH ALL HOLES LEFT FROM REMOVAL OF THESE ITEMS TO MATCH ADJACENT ASSEMBLY AND SURFACE PRIOR TO REFINISHING.
6. REFER TO THE UNDERSLAB MEP PIPING PLANS FOR ADDITIONAL AREAS OF PATCHING CONCRETE FLOORS FOR UNDERSLAB PIPING NOT SHOWN ON THE ARCHITECTURAL PLANS.
7. ALL WALL MOUNTED FIRE EXTINGUISHERS AND BRACKETS TO BE PROTECTED / REINSTALLED AFTER PAINTING OF WALL SURFACE.

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PROJECT NAME
9186.04 - DHS CC STRATEGIC SPACE PLANNING HOVER 3RD FLOOR DEPT OF ADMIN SERVICES

KEY PLAN
 ALL ARCH SHEETS TO BE PRINTED IN COLOR
 OWNER
 STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186.04

PROJECT NO. 24.048

ISSUE

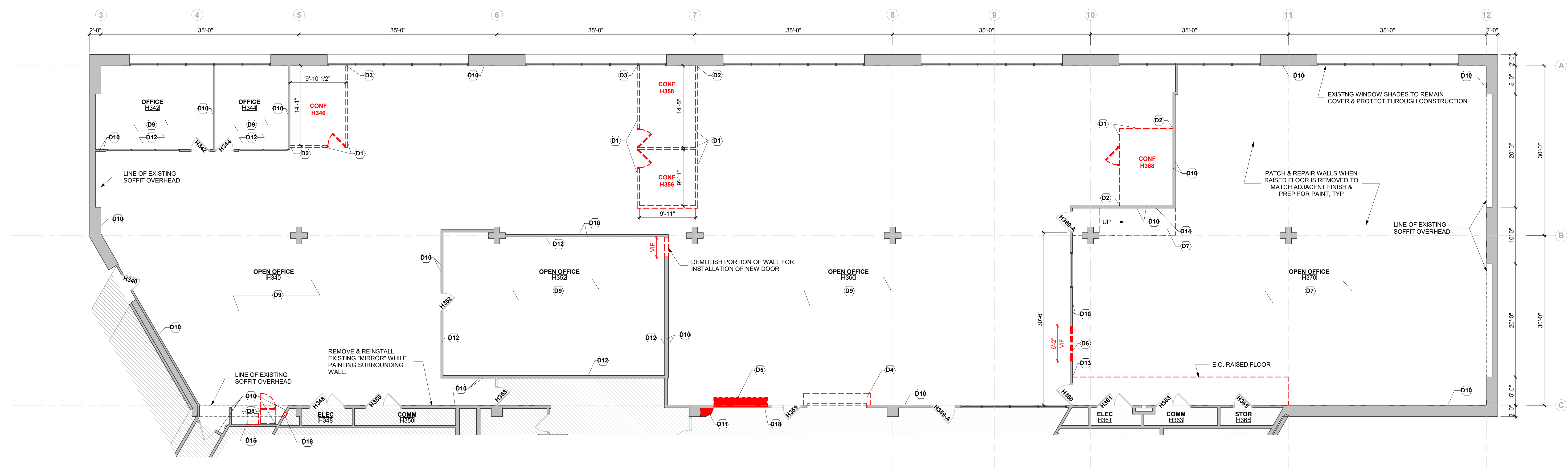
DATE	DESCRIPTION
07/17/2024	50% CONSTRUCTION DOCUMENTS
08/05/2024	95% CONSTRUCTION DOCUMENTS
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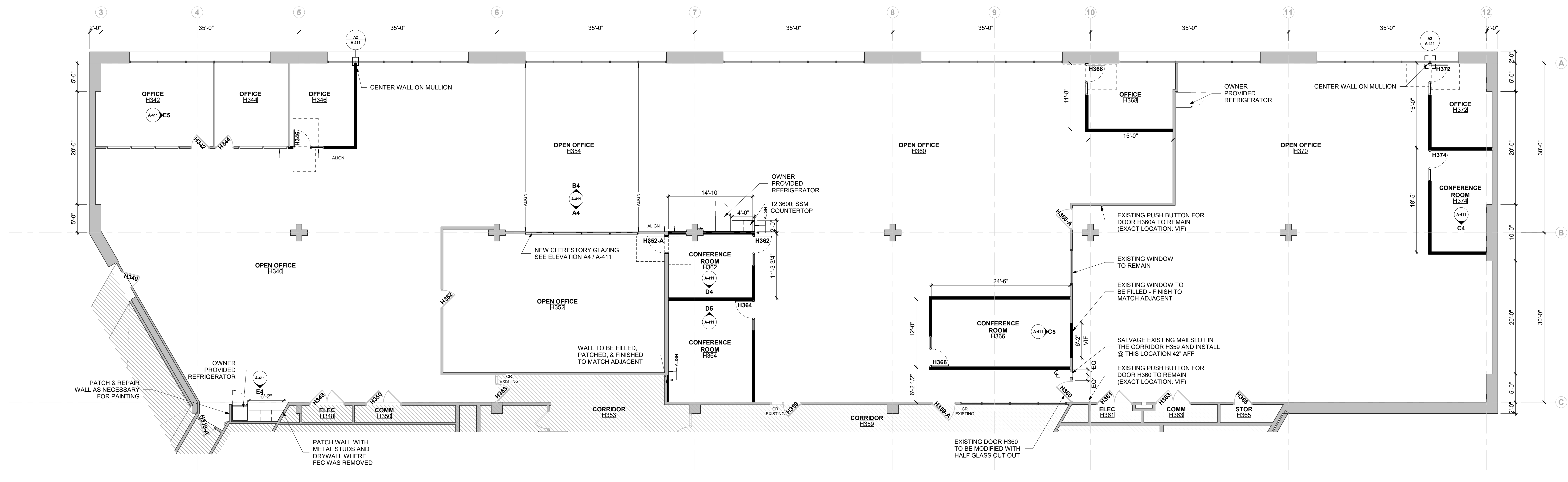
SHEET NAME
THIRD LEVEL FLOOR PLANS

SHEET NUMBER
A-103

NEUMANN MONSON ARCHITECTS



C1 THIRD LEVEL DEMOLITION PLAN
 1/8" = 1'-0"

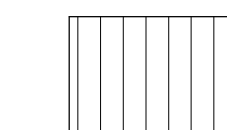

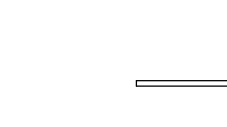
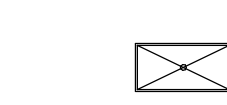


A1 THIRD LEVEL FLOOR PLAN
 1/8" = 1'-0"

DEMO NOTES

- D1 FURNITURE VENDOR TO DEMOLISH WALL PRIOR TO START OF PROJECT. CONTRACTOR TO PATCH & REPAIR EXISTING FIXTURES & CEILING W/ ATTIC STOCK PROVIDED BY OWNER.
- D2 FURNITURE VENDOR TO DEMOLISH WALL PRIOR TO START OF PROJECT. CONTRACTOR TO PATCH & REPAIR EXISTING WALL.
- D3 FURNITURE VENDOR TO DEMOLISH WALL PRIOR TO START OF PROJECT. CONTRACTOR TO PATCH & REPAIR EXISTING WINDOW / MULLION.
- D4 DEMOLISH EXISTING OVERHEAD COILING DOOR. PATCH / FILL & FINISH WALL (MATCH ADJACENT).
- D5 DEMOLISH EXISTING MAILBOXES. PATCH / FILL & FINISH WALL (MATCH ADJACENT).
- D6 DEMOLISH EXISTING WINDOW. PATCH / FILL @ FINISH WALL (MATCH ADJACENT).
- D7 DEMOLISH RAISED FLOOR & EXISTING RAMP IN OPEN OFFICE H370.
- D8 DEMOLISH EXISTING LAMINATE FLOORING. INSTALL NEW LAMINATE TILE.
- D9 REMOVE EXISTING CARPET. INSTALL NEW CARPET.
- D10 REMOVE EXISTING WALL BASE & REPAIR WALL AS NEEDED.
- D11 DEMOLISH EXISTING WOOD SHELF IN CORRIDOR H359.
- D12 CONTRACTOR TO DEMOLISH EXISTING CHAIR RAILS & WALLPAPER. CONTRACTOR TO PATCH, PAINT & REPAIR WALLS.
- D13 CONTRACTOR TO REMOVE EXISTING UNDERFLOOR SMOKE DETECTOR PANEL. PATCH & REPAIR EXISTING WALL.
- D14 CONTRACTOR TO REMOVE EXISTING DEVICE SERVING DEVICES BELOW THE RAISED FLOOR. PATCH & REPAIR EXISTING WALL.
- D15 CONTRACTOR TO DEMOLISH EXISTING COUNTERTOP & CASEWORK.
- D16 REMOVE EXISTING FIRE EXTINGUISHER CABINET. CONTRACTOR TO PATCH W/ MTL STUD DRYWALL. FLUSH WITH SURROUNDING WALL. PAINT TO MATCH ADJACENT MASONRY WALL COLOR.
- D17 CONTRACTOR TO DEMOLISH EXISTING SLOTTED WOOD CEILING.
- D18 REMOVE EXISTING MAIL SLOT(S) FOR INSTALLATION IN NEW LOCATION. PATCH / FILL & FINISH WALL - TO MATCH ADJACENT.

CEILING LEGEND

-  EXISTING WOOD CEILING
-  EXISTING TYPE A/R CEILING (RADIANT PANEL)
-  EXISTING SLOT DIFFUSER
-  EXISTING TROFFER

GENERAL RCP NOTES

1. AREAS WITH NO CEILING MATERIAL INDICATED ARE EXPOSED STRUCTURE. CONTRACTOR TO REVIEW CEILING LAYOUT AS SHOWN AND NOTIFY ARCHITECT OF ANY CONFLICTS WITH STRUCTURAL, ELECTRICAL, MECHANICAL, PLUMBING, TELECOM, OR FIRE PROTECTION SYSTEMS, ETC. BEFORE PROCEEDING WITH CONSTRUCTION.
2. CEILING ELEVATIONS ARE REFERENCED FROM THE FINISHED FLOOR OF THE ROOM IN WHICH IT IS INSTALLED, UNLESS OTHERWISE NOTED.
3. THE REFLECTED CEILING PLAN(S) SHOW(S) AREAS TO RECEIVE NEW CEILING TILE AND GRID. REMOVE EXISTING TILE AND GRID IN THESE AREAS.
4. INSTALL NEW CEILING TILE AND GRID AT THE SAME HEIGHT AS THE EXISTING CEILING GRID UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING CEILING TILES AND SUSPENSION GRID AS REQUIRED TO PERFORM THE WORK OF THIS CONTRACT. REINSTALL TILES AND SUSPENSION SYSTEM AT COMPLETION OF THE WORK REPLACE ALL TILES, GRID, AND SUSPENSION SYSTEM DAMAGED DURING THE EXECUTION OF THE WORK OF THIS CONTRACT. REPLACE ALL TILES WITH HOLES, DISCOLORATION OR OTHER DEFECTS RESULTING FROM REMOVAL OF PLUMBING, MECHANICAL, ELECTRICAL, OR TELECOM ITEMS, FIREALARM DEVICES, CONDUIT, ETC. REMOVED AS PART OF THIS CONTRACT.
6. CUT GYPSUM TO CONTOURS OF ROOF DECK FLUTES AND SEAL WITH ACOUSTIC SEALANT ON EACH SIDE.
7. ALL EXISTING METAL CEILING TILES & GRIDS ARE TO BE PAINTED (REMOVED & PAINTED IF NECESSARY AND PLACED BACK IN THEIR ORIGINAL LOCATION) UNLESS OTHERWISE NOTED.
8. ALL EXISTING LIGHT TROFFERS & DIFFUSERS (TO BE PROTECTED DURING THE PAINTING OF THE EXISTING CEILING TILES IF NECESSARY) ARE TO REMAIN IN THE SPACE UNLESS OTHERWISE NOTED.

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PROJECT NAME
9186.04 - DHS CC STRATEGIC PLANNING SPACE FLOOR DEPT OF ADMIN SERVICES

KEY PLAN

ALL ARCH SHEETS TO BE PRINTED IN COLOR

OWNER
 STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186-04

PROJECT NO. 24.048

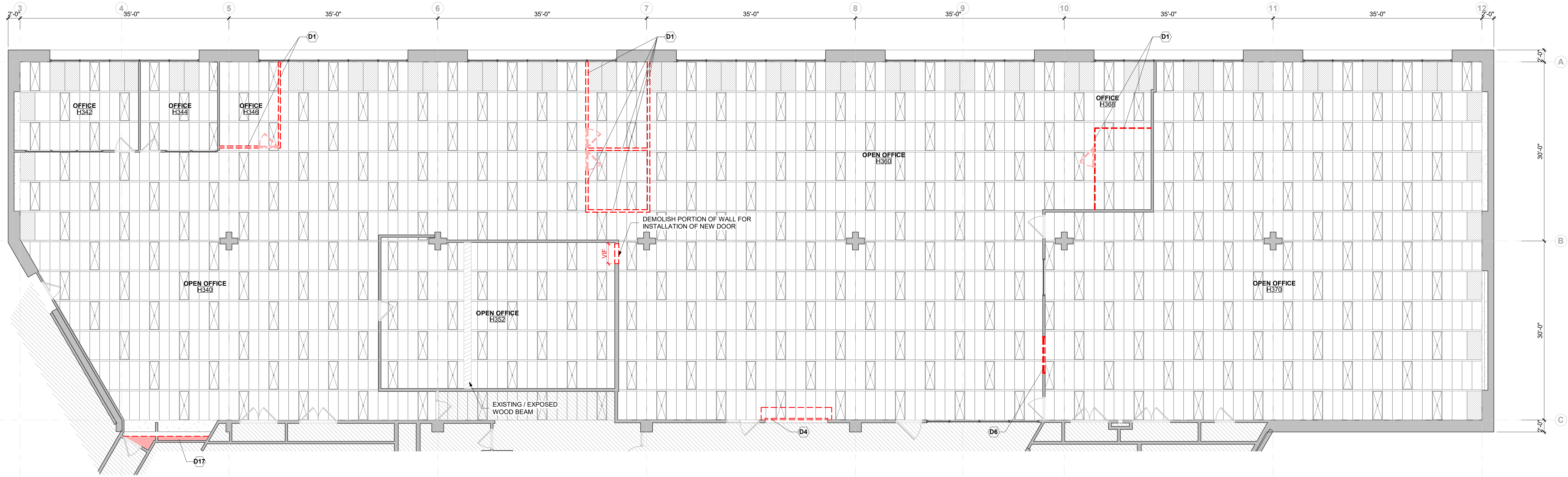
ISSUE	DATE	DESCRIPTION
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SHEET NAME
THIRD LEVEL REFLECTED CEILING PLANS

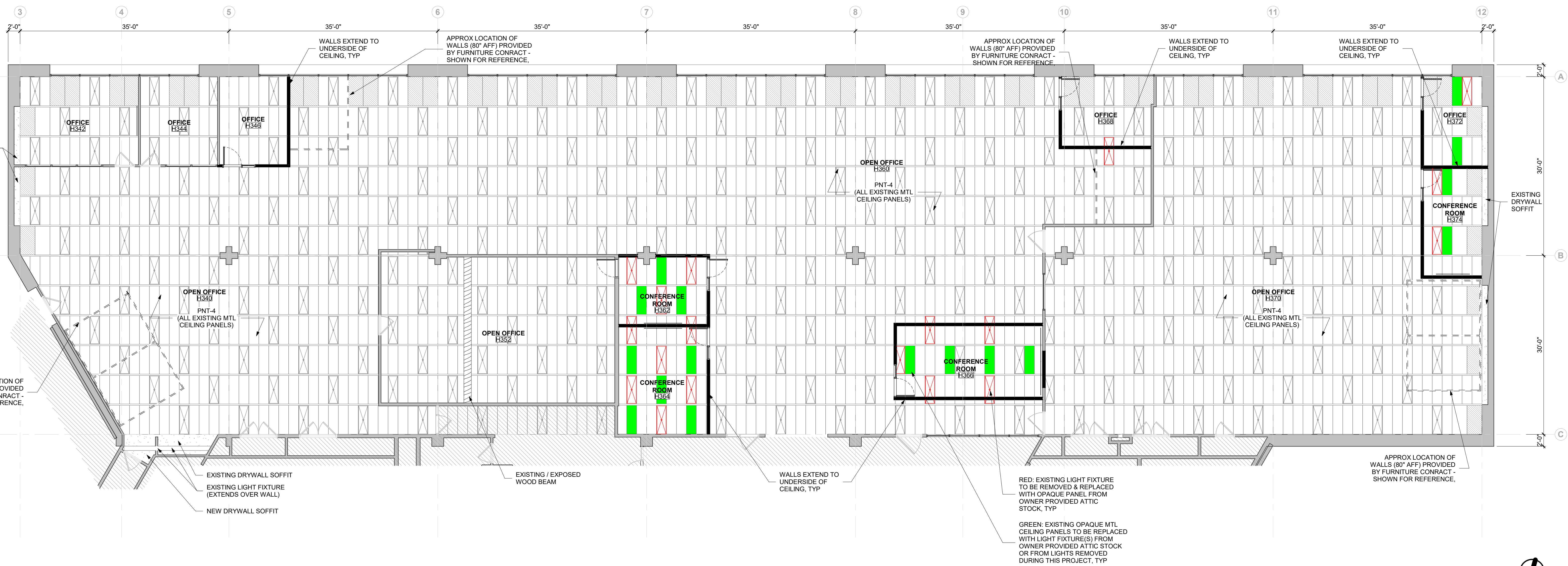
SHEET NUMBER

A-113



C1 THIRD LEVEL REFLECTED CEILING DEMOLITION PLAN

1/8" = 1'-0"



A1 THIRD LEVEL REFLECTED CEILING PLAN

1/8" = 1'-0"

KEY PLAN

ALL ARCH SHEETS TO BE PRINTED IN COLOR
 OWNER
 STATE OF IOWA
 RFB No. 918604-01
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PROJECT NO. 24.048

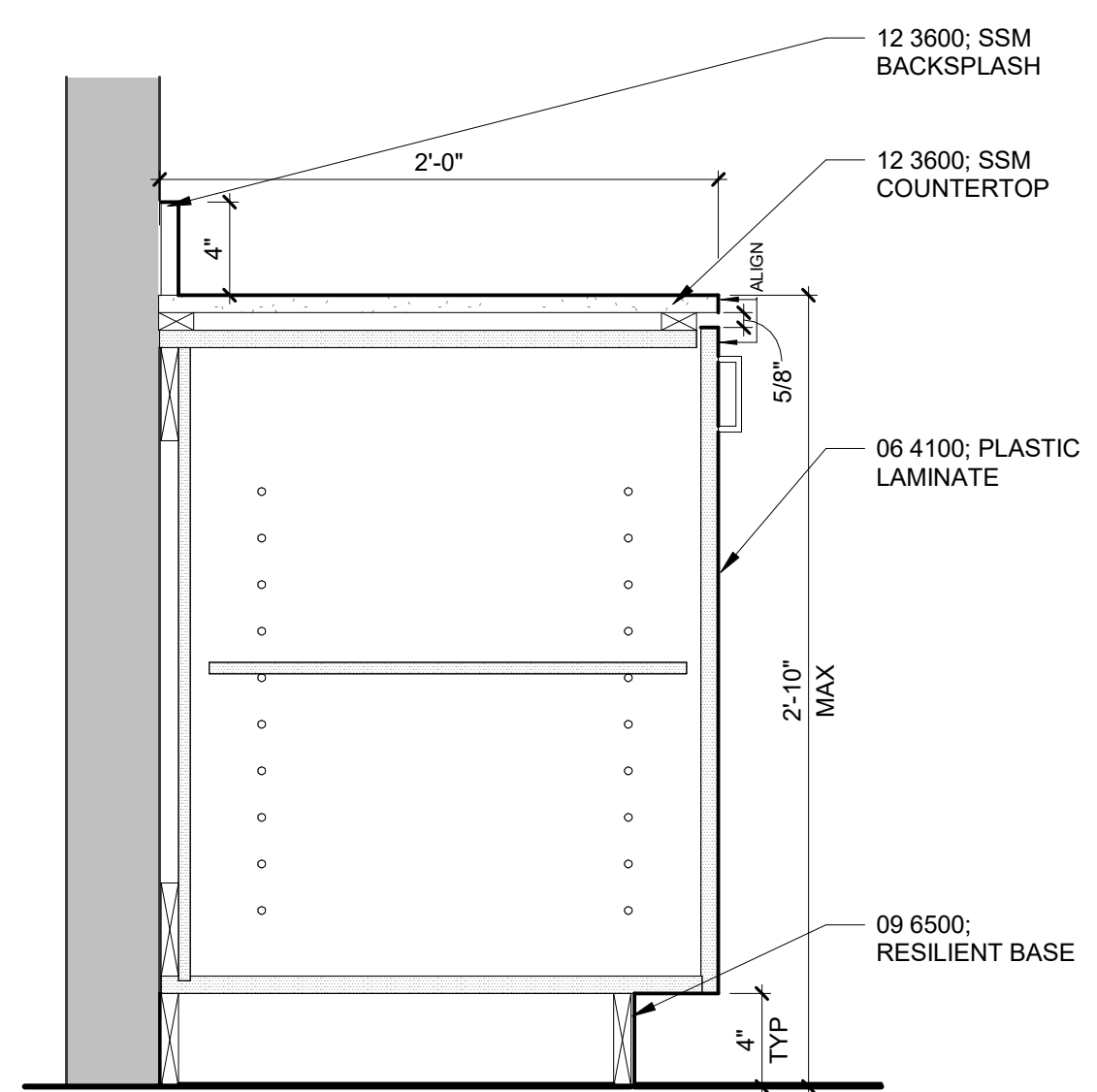
ISSUE	DATE	DESCRIPTION
	07/17/2024	95% CONSTRUCTION DOCUMENTS
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	08/22/2024	100% CONSTRUCTION DOCUMENTS

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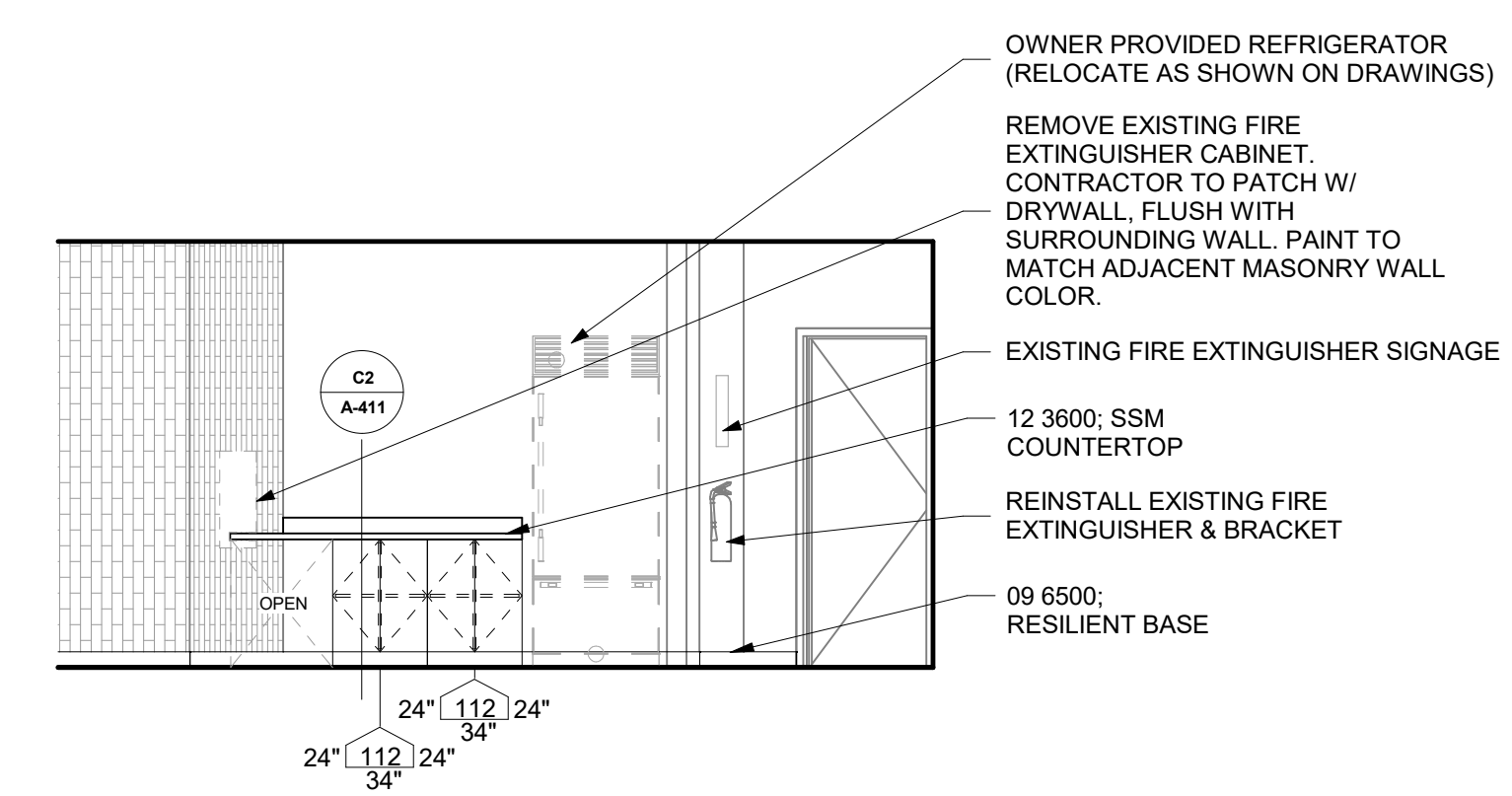
SHEET NAME
INTERIOR ELEVATIONS

SHEET NUMBER

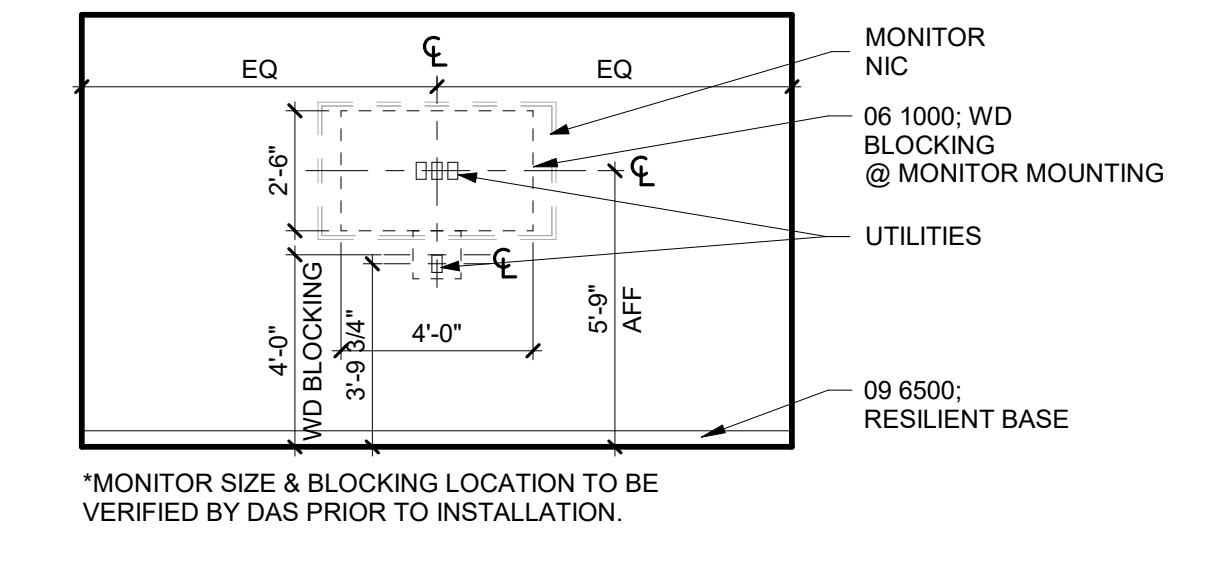
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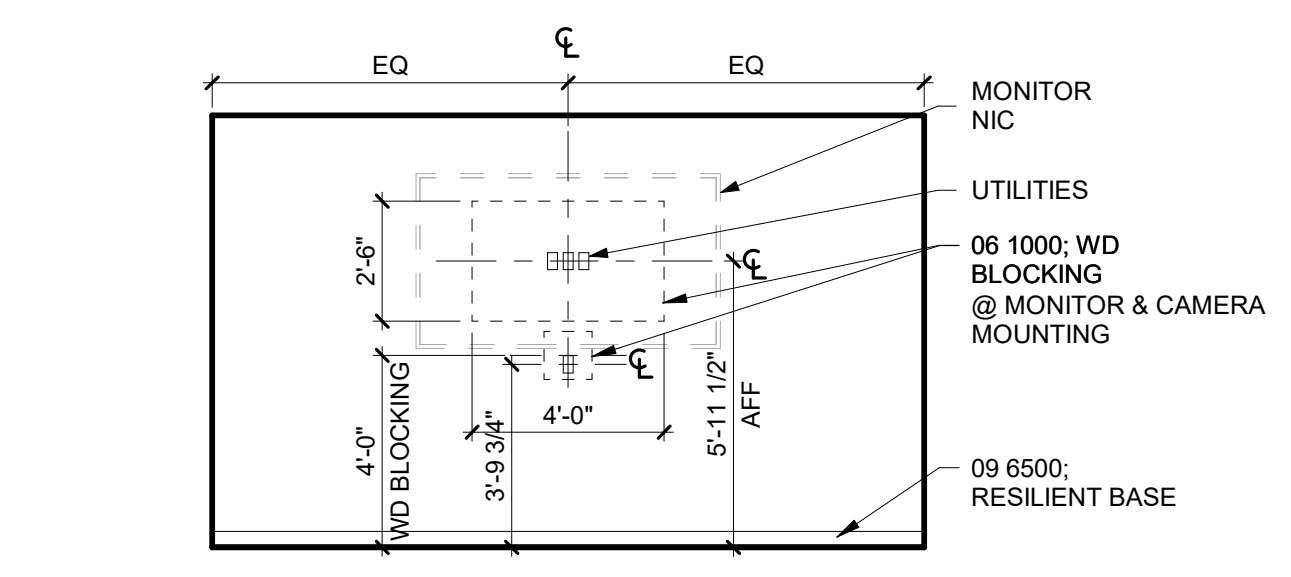
C2 SECTION DTL @ TYP CASEWORK
 1 1/2" = 1'-0"



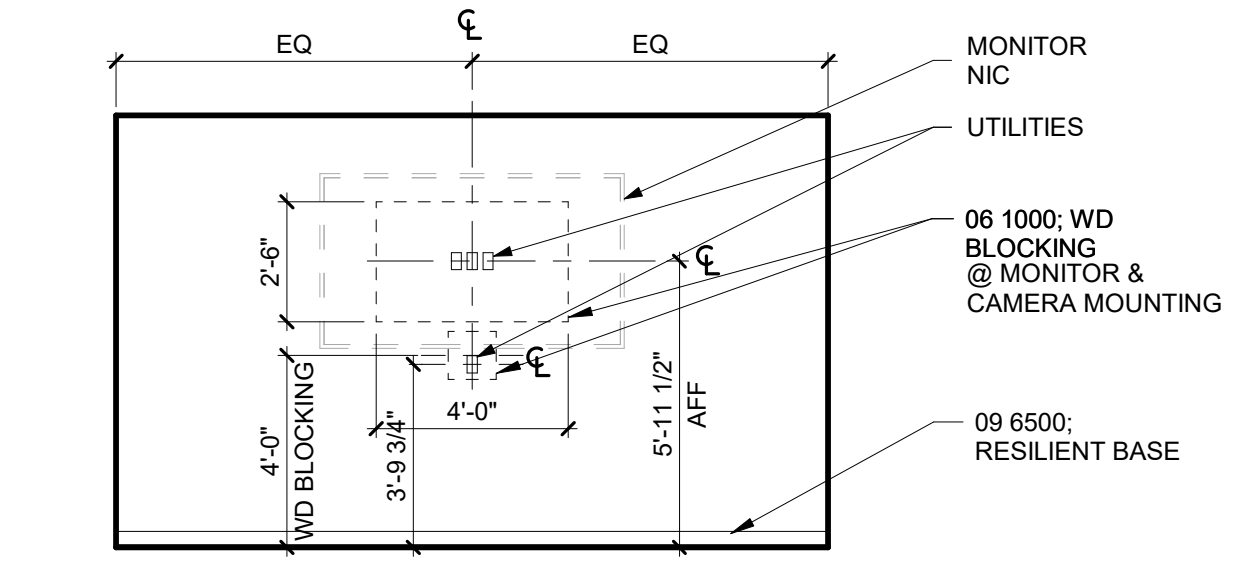
E4 OPEN OFFICE H340 - SOUTH
 1/4" = 1'-0"



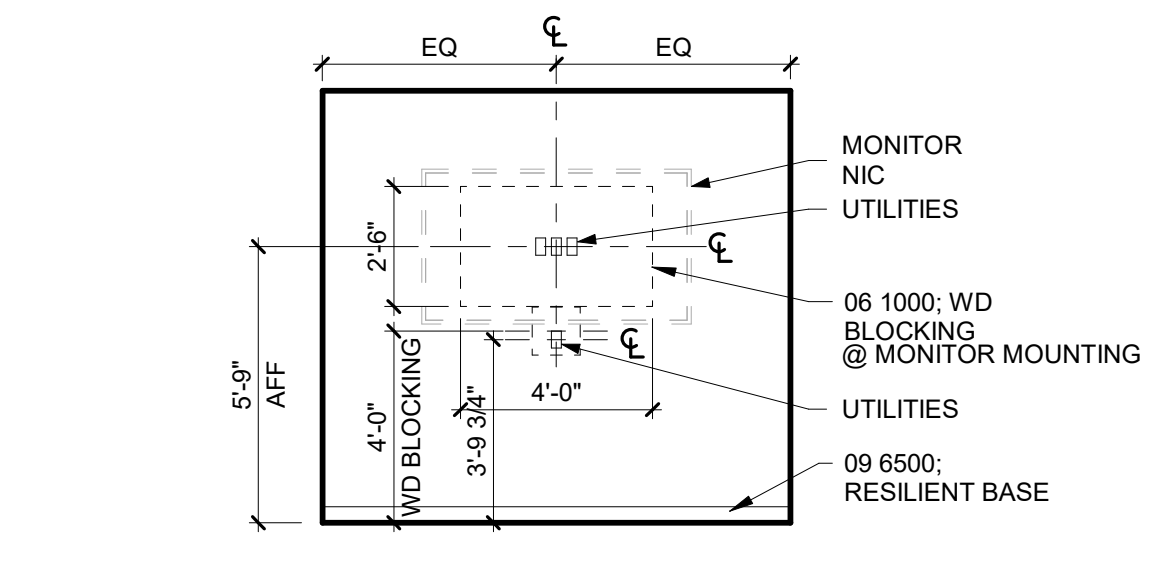
E5 CONFERENCE ROOM H342 - EAST
 1/4" = 1'-0"
 *ALL AV / IT LOCATIONS TO BE COORDINATED W/ OWNER PRIOR TO INSTALLATION



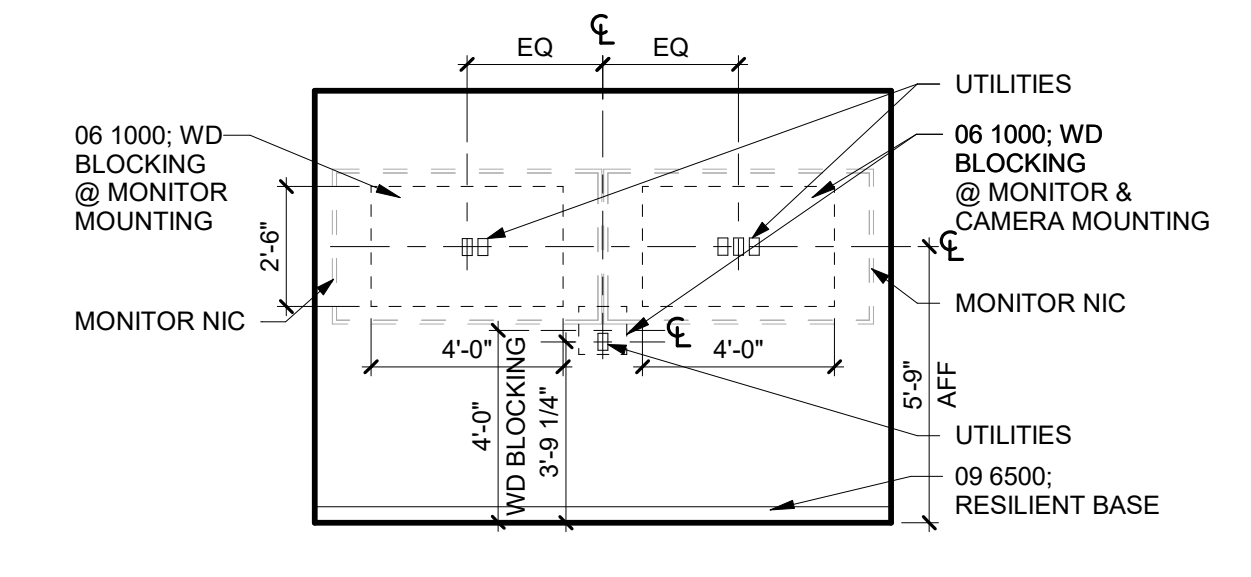
D4 CONFERENCE ROOM H362 - SOUTH
 1/4" = 1'-0"
 *ALL AV / IT LOCATIONS TO BE COORDINATED W/ OWNER PRIOR TO INSTALLATION



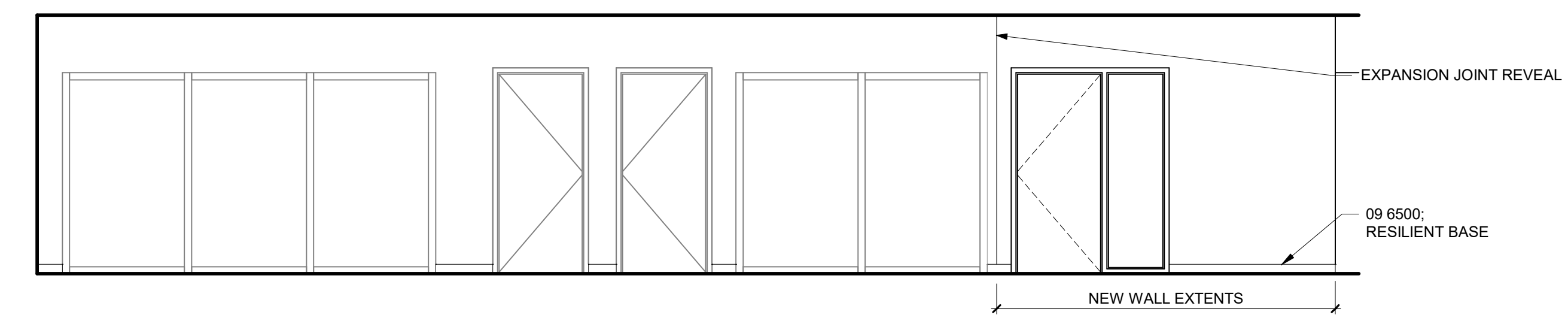
D5 CONFERENCE ROOM H364 - NORTH
 1/4" = 1'-0"
 *ALL AV / IT LOCATIONS TO BE COORDINATED W/ OWNER PRIOR TO INSTALLATION



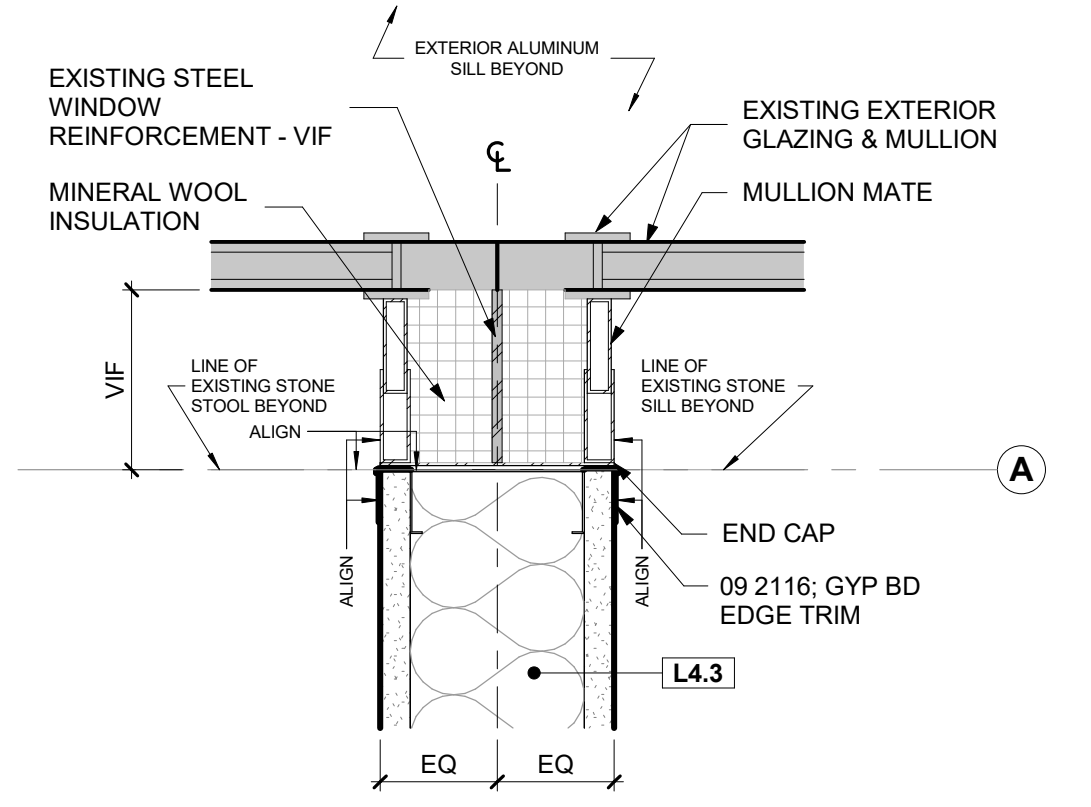
C4 CONFERENCE ROOM H374 - SOUTH
 1/4" = 1'-0"
 *ALL AV / IT LOCATIONS TO BE COORDINATED W/ OWNER PRIOR TO INSTALLATION



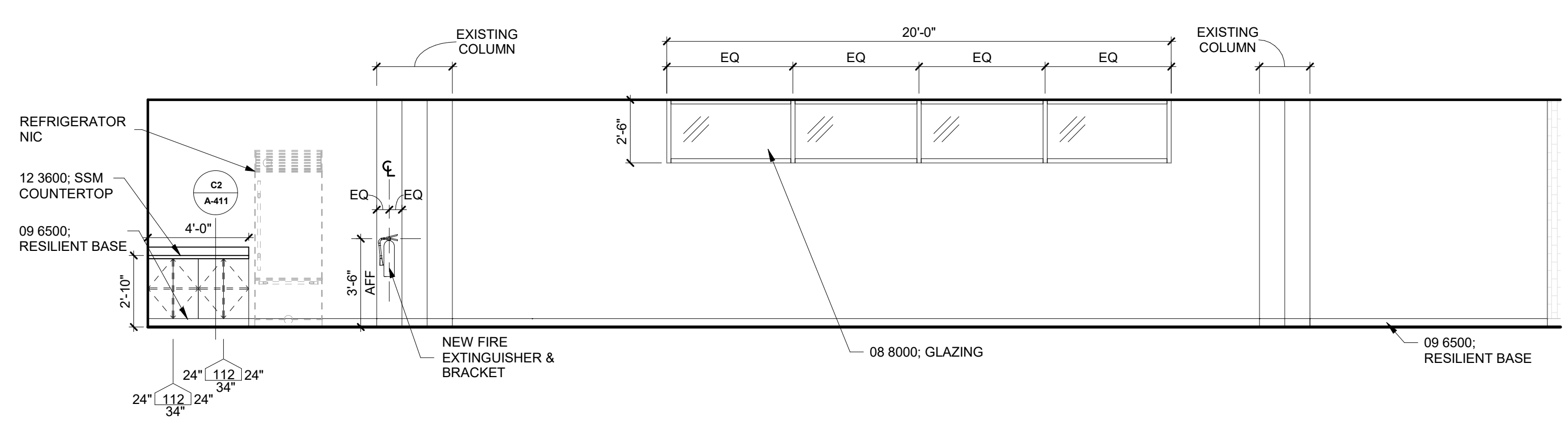
C5 CONFERENCE ROOM H366 - EAST
 1/4" = 1'-0"
 *ALL AV / IT LOCATIONS TO BE COORDINATED W/ OWNER PRIOR TO INSTALLATION



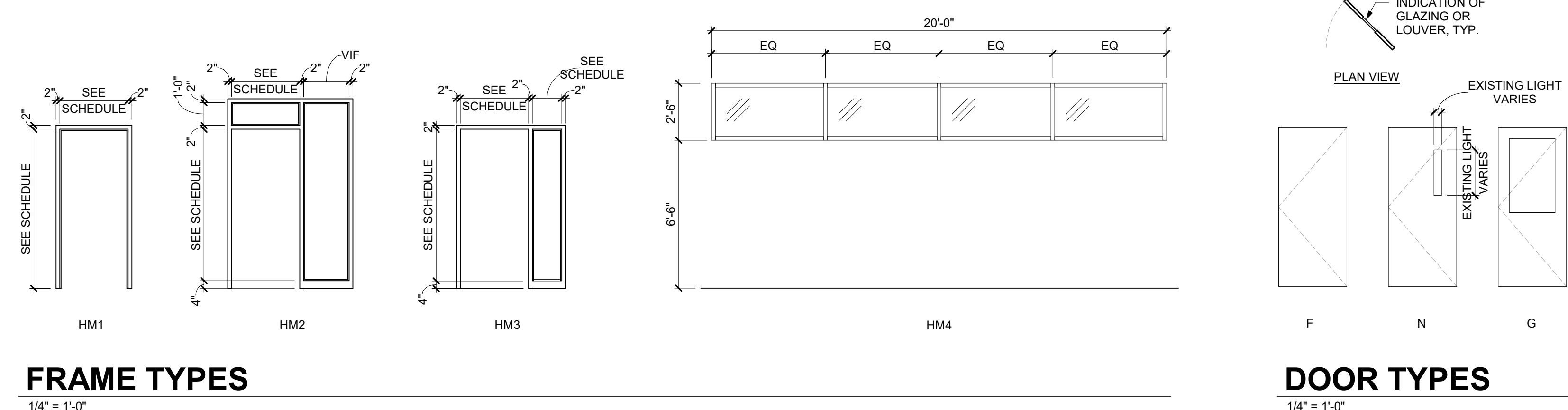
B4 OFFICE H340 - NORTH
 1/4" = 1'-0"



A2 PLAN DTL @ INTERIOR PARTITION / EXTERIOR WALL / WINDOW
 3" = 1'-0"



A4 OFFICE H360 - SOUTH
 1/4" = 1'-0"



FRAME TYPES
 1/4" = 1'-0"

DOOR TYPES
 1/4" = 1'-0"



* EXISTING DIRECTIONAL, INFORMATIONAL, AND ROOM SIGNAGE TO BE REMOVED, SALVAGED, & REINSTALLED, TYP. SEE PHOTO ABOVE FOR REFERENCE.



* NEW SIGNAGE TO MATCH EXISTING (MATERIAL, SIZE, FONT, ETC). SEE PHOTO ABOVE FOR REFERENCE.

ROOM		ROOM FINISH SCHEDULE					NOTES
No.	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	SPECIALTY WALL FINISH	CEILING FINISH	
H340	OPEN OFFICE	CPT-1 / TILE-1	RB-1	PNT-1	PNT-2 - SEE B1/AF-103	EXISTING MTL PANEL (PNT-4) / PNT-1 GYP SOFFIT / EXISTING WOOD CEILING	RES-1 IN KITCHENETTE AS SHOWN ON AF-103 EXISTING WOOD CEILING IN KITCHENETTE
H342	OFFICE	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4) / PNT-1 GYP SOFFIT	
H344	OFFICE	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H346	OFFICE	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H348	ELEC	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H350	COMM	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H352	OPEN OFFICE	CPT-1	RB-1	PNT-1	PNT-2 - SEE B1/AF-103	EXISTING MTL PANEL (PNT-4)	
H353	CORRIDOR	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H354	OPEN OFFICE	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H359	CORRIDOR	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H360	OPEN OFFICE	CPT-1	RB-1	PNT-1	PNT-2 - SEE B1/AF-103	EXISTING MTL PANEL (PNT-4)	
H361	ELEC	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H362	CONFERENCE ROOM	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H363	COMM	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H364	CONFERENCE ROOM	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H365	STOR	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H366	CONFERENCE ROOM	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H368	OFFICE	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4)	
H370	OPEN OFFICE	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4) / PNT-1 GYP SOFFIT	
H372	OFFICE	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4) / PNT-1 GYP SOFFIT	
H374	CONFERENCE ROOM	CPT-1	RB-1	PNT-1		EXISTING MTL PANEL (PNT-4) / PNT-1 GYP SOFFIT	

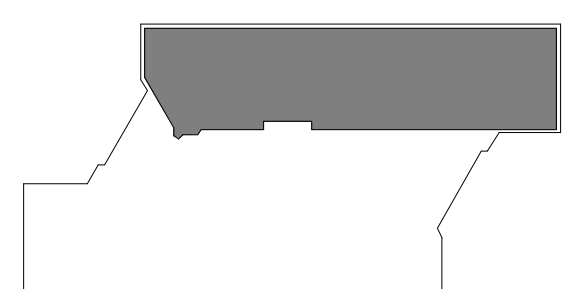
DOOR SCHEDULE														
No.	ROOM	DOOR SIZE		DOOR				FRAME				CARD READER		NOTES
		WIDTH	HEIGHT	TYPE	MAT	FINISH	GLAZE	TYPE	MAT	FINISH	GLAZE	Existing		
H319-A	OPEN OFFICE	3'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H340	OPEN OFFICE	3'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H342	OFFICE	3'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H344	OFFICE	3'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H346	OFFICE	3'-0"	7'-0"	F	WD	ST		HM3	HM	PT-3	2'-0" SIDE LIGHT		No	2.3.4
H348	ELEC	6'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H350	COMM	6'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H352	OPEN OFFICE	3'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H352-A	OPEN OFFICE	3'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			No	2.3.4
H353	OPEN OFFICE	3'-0"	7'-0"	N	WD	ST	YES	HM2	HM	PT-3		YES	Yes	1.3
H359	OPEN OFFICE	3'-0"	7'-0"	F	WD	ST		HM2	HM	PT-3		YES	Yes	1.3
H359-A	OPEN OFFICE	4'-0"	7'-0"	N	WD	ST	YES	HM2	HM	PT-3		YES	Yes	1.3
H360	OPEN OFFICE	3'-6"	7'-0"	G	WD	ST	YES	HM1	HM	PT-3	HALF GLASS CUTOUT		Yes	1.3
H360-A	OPEN OFFICE	3'-6"	7'-0"	N	WD	ST	YES	HM1	HM	PT-3			Yes	1.3
H361	ELEC	6'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H362	CONFERENCE ROOM	3'-0"	7'-0"	F	WD	ST		HM3	HM	PT-3	2'-0" SIDE LIGHT		No	2.3.4
H363	COMM	6'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H364	CONFERENCE ROOM	3'-0"	7'-0"	F	WD	ST		HM3	HM	PT-3	2'-0" SIDE LIGHT		No	2.3.4
H365	STOR	3'-0"	7'-0"	F	WD	ST		HM1	HM	PT-3			Yes	1.3
H366	CONFERENCE ROOM	3'-0"	7'-0"	F	WD	ST		HM3	HM	PT-3	2'-0" SIDE LIGHT		No	2.3.4
H368	OFFICE	3'-0"	7'-0"	F	WD	ST		HM3	HM	PT-3	2'-0" SIDE LIGHT		No	2.3.4
H372	OFFICE	3'-0"	7'-0"	F	WD	ST		HM3	HM	PT-3	2'-0" SIDE LIGHT		No	2.3.4
H374	CONFERENCE ROOM	3'-0"	7'-0"	F	WD	ST		HM3	HM	PT-3	2'-0" SIDE LIGHT		No	2.3.4

DOOR SCHEDULE NOTES

- ALL EXISTING SIGNAGE ON DOORS OR FRAMES TO BE PROTECTED DURING PAINTING AND / OR REMOVED AND REINSTALLED IN THEIR ORIGINAL LOCATION UNLESS NOTED OTHERWISE.
- INSTALL NEW DOOR NUMBER SIGNAGE ON FRAME.
- ALL DOOR FRAMES TO BE PAINTED.
- NEW DOOR HARDWARE TO MATCH EXISTING BRONZE FINISH. NEW WORK TO BE COMPLETED.



PROJECT NAME
9186.04 - DHS CC STRATEGIC PLANNING HOOPER 3RD FLOOR DEPT OF ADMIN SERVICES



KEY PLAN

ALL ARCH SHEETS TO BE PRINTED IN COLOR

OWNER
 STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186.04

PROJECT NO. 24.048

ISSUE

DATE	DESCRIPTION
07/17/2024	95% CONSTRUCTION DOCUMENTS
08/05/2024	95% CONSTRUCTION DOCUMENTS
08/22/2024	100% CONSTRUCTION DOCUMENTS

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SHEET NAME
DOOR SCHEDULES, ROOM FINISH SCHEDULES

SHEET NUMBER

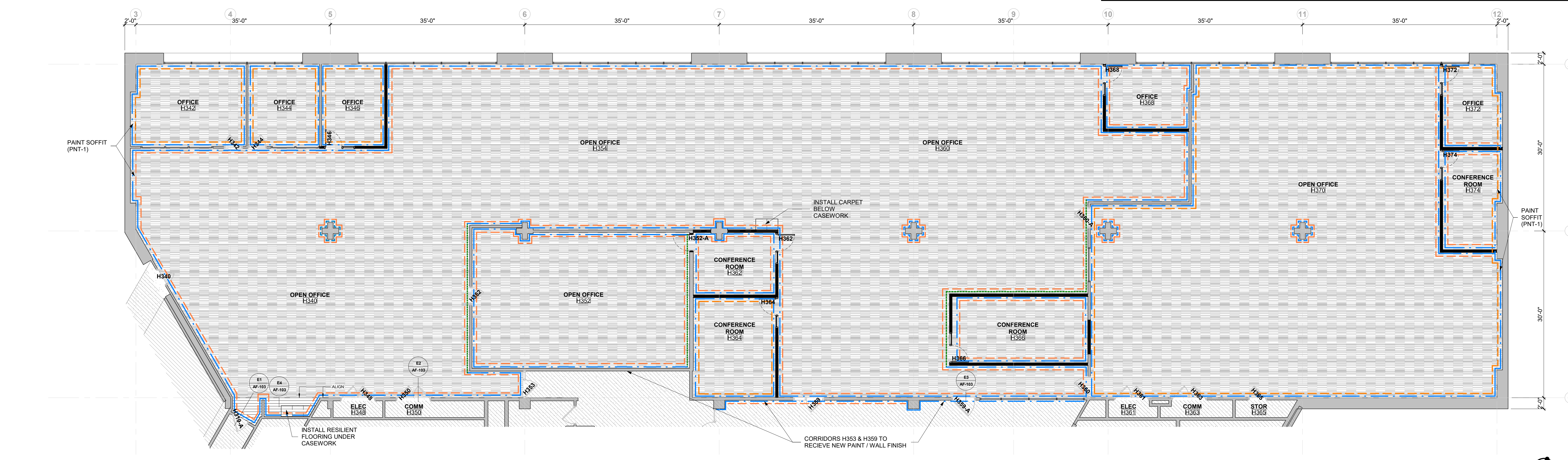
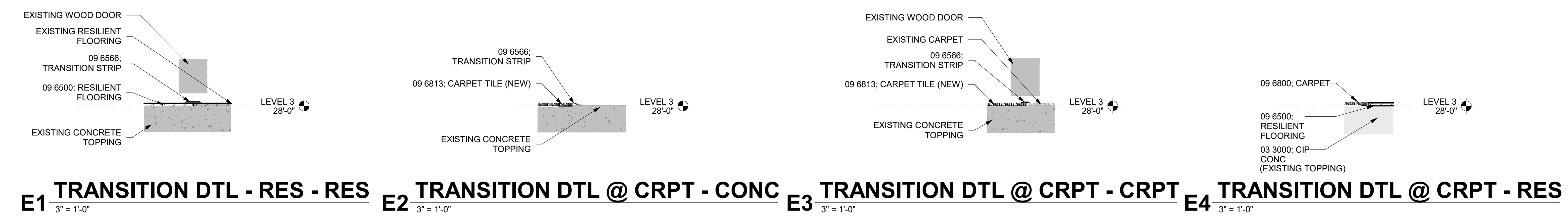
A-601

- 09 6813: CARPET TILE (CPT-1)
- 09 6500: RESILIENT FLOORING (RES-1)
- PNT-1
- PNT-2
- RES-1

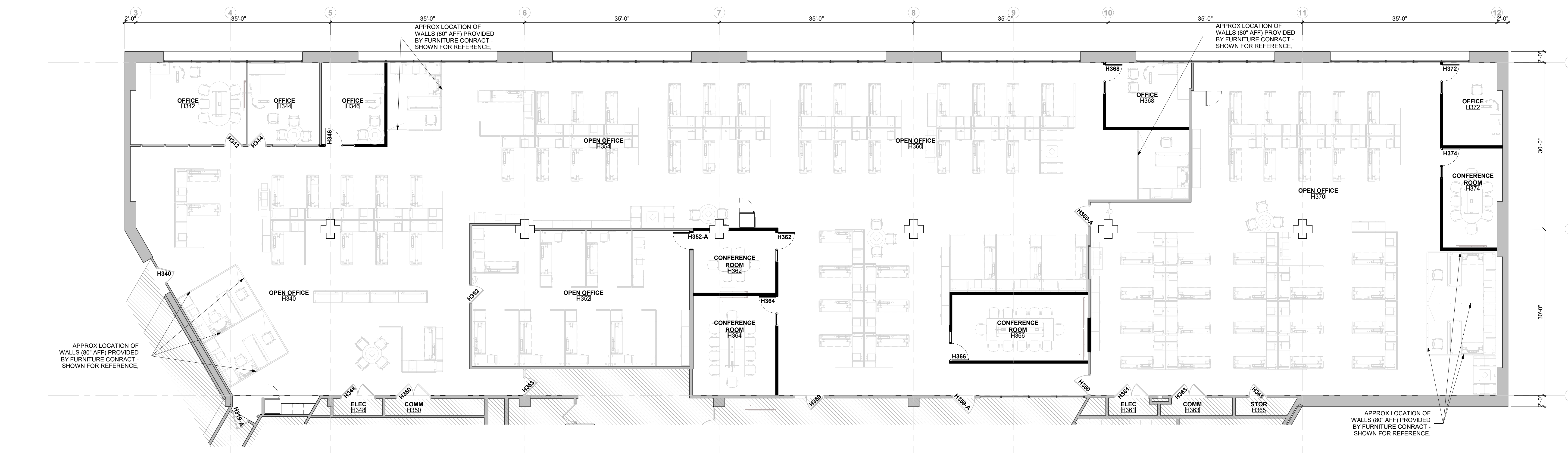
FINISH FLOOR LEGEND

1/8" = 1'-0"

MATERIAL SPECIFICATIONS - BASIS OF DESIGN				
Key Name	Material Name	Manufacturer	Description	Comments
SSM-1	12 3000 - Solid Surface	Corian Solid Surface	Glacier White	COUNTERTOPS / BACKSPLASH
PNT-1	09 9000 - Paint	Sherwin Williams	SW7641, Colonnade Gray	WALL PAINT, COLUMNS
PNT-2	09 9000 - Paint	Sherwin Williams	SW6716, Dancing Green	WALL ACCENT PAINT
PNT-3	09 9000 - Paint	Sherwin Williams	SW7642, Pavestone	DOOR FRAMES
PNT-4	09 9000 - Paint	Sherwin Williams	Pro Industrial Waterborne Acrylic Drywall Flat (B42W02181 White)	CEILING PAINT
CPT-1	09 6813 Carpet Tile	Shaw Contract Group	Collection: Diffuse + Disperse, Riverfront 75335, Installation: Quarter Turn	
RB-1	09 6513 Resilient Base	Johnsonite	Silver Gray 55	
RES-1	09 6500 - Resilient Flooring	Mohawk Group	Large and Local Cloudland 958	KITCHENETTE
PLAM-1	06 4100 - Plastic Laminate	Formica	Dover White - Matte Finish	CASEWORK



B1 THIRD LEVEL FLOOR FINISH PLAN
 1/8" = 1'-0"



A1 THIRD LEVEL FURNITURE PLAN (FOR REFERENCE)
 1/8" = 1'-0"

TECHNOLOGY GENERAL NOTES

- 1. ALL NOTES APPLY TO THE FOLLOWING SERIES SHEETS: FA & T SERIES
2. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES...

LIFE SAFETY & SECURITY DEMOLITION NOTES

- 1. ALL EXISTING DEVICES AND DEVICE LOCATIONS WERE MADE BY CASUAL FIELD OBSERVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING SYSTEM COMPONENTS AND DEVICE LOCATIONS.
2. PROVIDE LABOR AND MATERIALS TO REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK...

FIRE DETECTION & ALARM NOTES

- 1. EXTEND THE EXISTING SIMPLEX 4100U FIRE DETECTION AND ALARM SYSTEM TO LOCATIONS ILLUSTRATED ON THE DRAWINGS.
2. FIRE ALARM ITEMS AND DEVICES ARE SHOWN IN SUGGESTED LOCATIONS. FINAL LAYOUTS, LOCATIONS, AND QUANTITIES SHALL BE IN ACCORDANCE WITH APPLICABLE CODES...

ABBREVIATIONS - TECHNOLOGY

Table with 3 columns: Abbreviation, Description, and Additional Notes. Includes terms like ADDL, AL, AR, AUTO, AUX, AV, AVG, AWG, BAT, BFF, BKGD, BLDG, BLW, BOT, BTWN, C, CCTV, CD, CL, CM, CTRL, CTV, (D), DEF, DEG, DEMO, DESCR, DET, DGTL, DIAG, DWG, E, ER, EC, ELEC, EM, EMER, EQ, EQUIP, EQUIV, EXKL, FBO, FLEX, FR, FREQ, FUT, G, GND, GC, IRE, JB, KVA, KW, LVC, MC, MCB, MDP, MLO, MAX, MLC, MTD, NC, NIC, NM, NO, NTS, OAE, OFCI, OFOI, OBN, PBL, PWR, QTY, R, RR, RN, RCP, REC, RECP, REOD, RGS, RM, S, SCRR, SCHE, SECT, SPEC, SPKR, STP, SYS, TBD, TEL, TM, TV, TYP, UC, UL, UON, UPS, UTIL, V, VCR, W, WG, WP, WR, XFER, XFMR, +24.

FIRE DETECTION AND ALARM SYMBOLS

Table of fire detection and alarm symbols. Includes symbols for Manual Fire Alarm Pull Station, Fire Alarm Annunciator Panel, Fire Alarm Control Panel + Emergency Communications Panel, Carbon Monoxide Detector, Combination Carbon Monoxide / Smoke Detector, Heat Detector, Smoke Detector, Duct Smoke Detector, Horn, Combination Horn with Strobe, Combination Speaker with Strobe, Strobe, Speaker, Fire Fighter Telephone Station, Magnetic Door Hold, Smoke Damper, Combination Fire/Smoke Damper, Addressable Input Module, and Addressable Output Module.

FIRE ALARM DRAWING LIST table with columns NO. and TITLE. Lists FA-001 FIRE ALARM COVER and FA-103 THIRD LEVEL FIRE DETECTION & ALARM PLANS.

TECHNOLOGY RESPONSIBILITY MATRIX

Technology Responsibility Matrix table. Columns include Provision Responsibilities Defined and OFOI, OFCI, OFOI, OFCI. Rows are categorized into Communications - Telecom Systems, Communications - Audio-Visual Systems, Communications - Distributed Systems, Security - Access Control, Security - Video Intercom, Security - Video Surveillance, Security - Intrusion Detection, and Safety - Fire Detection and Alarm.

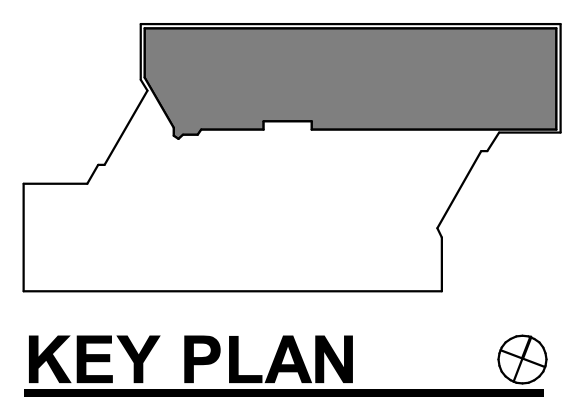
Legend for Technology Responsibility Matrix symbols. OFOI: Owner Furnished & Owner Installed; OFCI: Owner Furnished & Contractor Installed; CFCI: Contractor Furnished & Contractor Installed; CFOI: Contractor Furnished & Owner Installed.

GENERAL NOTE: A. MATRIX IS NOT INTENDED TO BE EXHAUSTIVE TO COVER ALL MATERIALS NECESSARY FOR SCOPE AND SHOULD ONLY BE USED TO QUICKLY IDENTIFY SYSTEMS AND RELATED INFRASTRUCTURE INSIDE AND OUTSIDE THE BID OF THIS PROJECT...

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PROJECT NAME
9186.04 - DHS CC STRATEGIC PLANNING HOOPER 3RD FLOOR DEPT OF ADMIN SERVICES



OWNER
STATE OF IOWA
RFB No. 918604-01
DAS No. 9186.04

Table with columns DATE and DESCRIPTION. Shows revision history for construction documents.

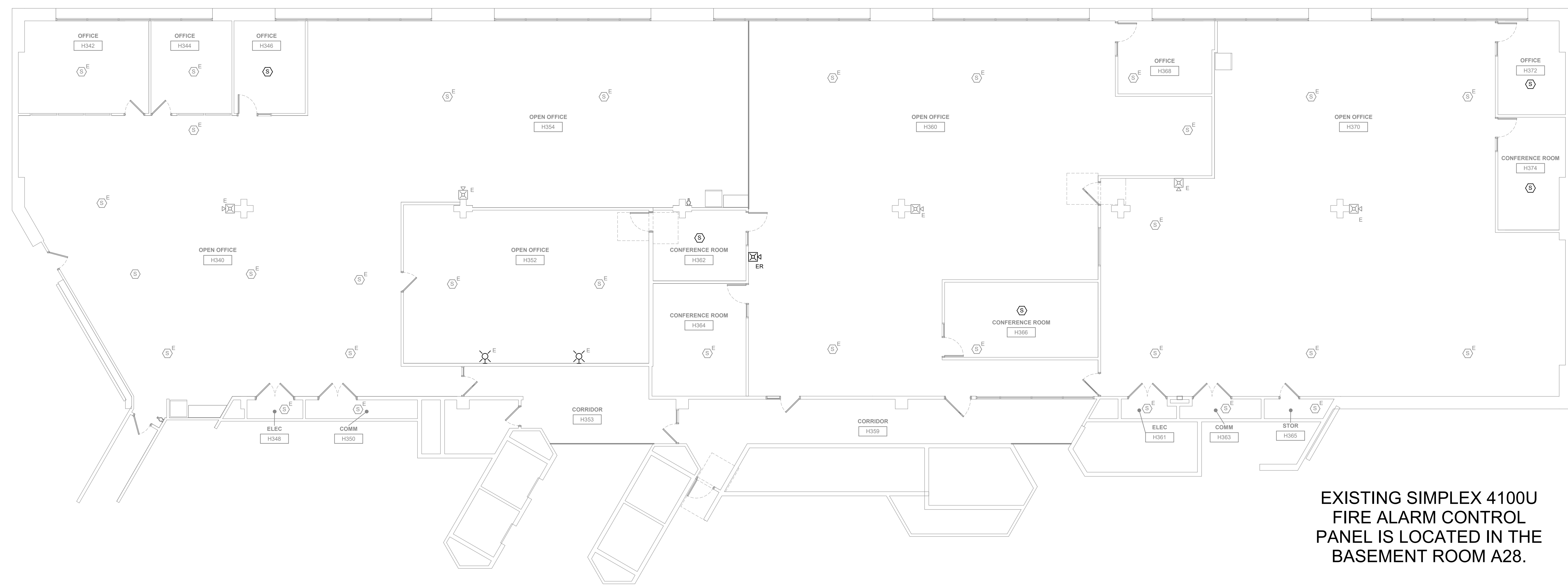
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SHEET NAME
FIRE ALARM COVER

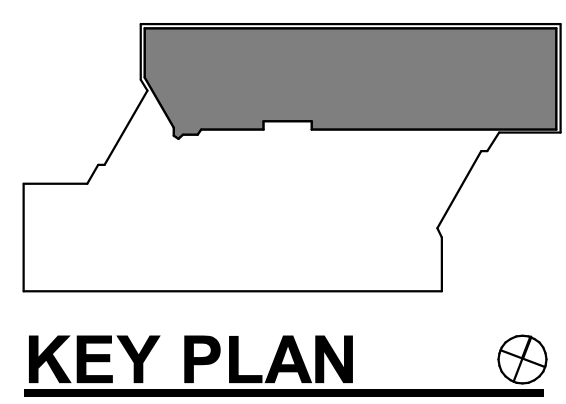
SHEET NUMBER
FA-001

- GENERAL NOTES**
- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
 - B. PROVIDE PENETRATIONS REQUIRED FOR ROUTING CABLING AND RACEWAYS THROUGH THE BUILDING. COORDINATE FIRE RATED WALL PENETRATIONS AND PROVIDE CONDUIT SLEEVES AND FIRE STOPPING TO MAINTAIN RATING.
 - C. PROVIDE J-HOOKS, BRIDLE RINGS AND OTHER ACCESSORIES REQUIRED TO SUPPORT ALL TELECOMMUNICATIONS AND SECURITY MANAGEMENT SYSTEM CABLING.

PROJECT NAME
9186.04 - DHS CC STRATEGIC SPACE PLANNING HOOVER 3RD FLOOR DEPT OF ADMIN SERVICES



EXISTING SIMPLEX 4100U FIRE ALARM CONTROL PANEL IS LOCATED IN THE BASEMENT ROOM A28.



OWNER
STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186.04

PROJECT NO. 24.048

ISSUE

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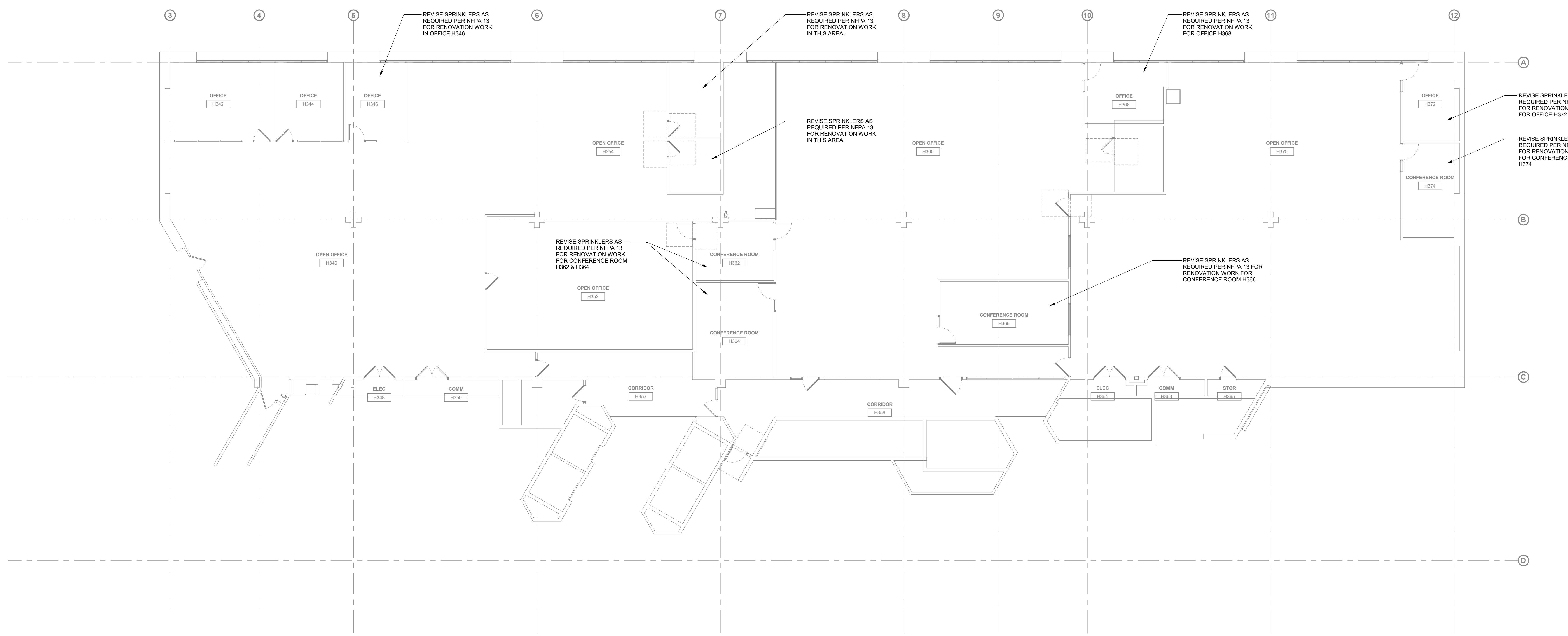
1 THIRD LEVEL FIRE DETECTION & ALARM PLANS
 1/8" = 1'-0"

SHEET NAME
THIRD LEVEL FIRE DETECTION & ALARM PLAN

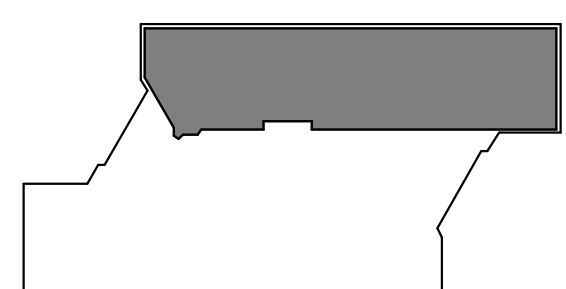
SHEET NUMBER
FA-103

- GENERAL NOTES:**
- A. REFER TO M000 FOR GENERAL NOTES & SYMBOLS.
 - B. AREAS NOTED SHALL BE FULLY SPRINKLERED PER NFPA 13.
 - C. ANY PIPE SIZES INDICATED ARE ESTIMATES ONLY. FINAL SIZES SHALL BE DETERMINED BY HYDRAULIC CALCULATIONS.
 - D. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS.
 - E. DUCTWORK HAS PRIORITY OVER SPRINKLER PIPING. COORDINATE PIPE ROUTING AND ELEVATIONS WITH DUCTWORK. RELOCATE SPRINKLER PIPING AS REQUIRED.
 - F. SPRINKLERS SHALL GENERALLY BE CONCEALED TYPE IN SPACES WITH FINISHED CEILINGS. SPRINKLERS IN SPACES WITH EXPOSED CEILINGS SHALL BE UPRIGHT.
 - G. SPRINKLER IN ELECTRICAL AND I.T. ROOMS SHALL BE SIDEWALL. DO NOT ROUTE PIPING OVER ELECTRICAL AND I.T. ROOMS.

PROJECT NAME
9186.04 - DHS CC STRATEGIC SPACE PLANNING HOOPER 3RD FLOOR DEPT OF ADMIN SERVICES



1 THIRD LEVEL FIRE PROTECTION PLAN
1/8" = 1'-0"



KEY PLAN

OWNER
STATE OF IOWA
RFB No. 918604-01
DAS No. 9186.04

PROJECT NO. 24.048

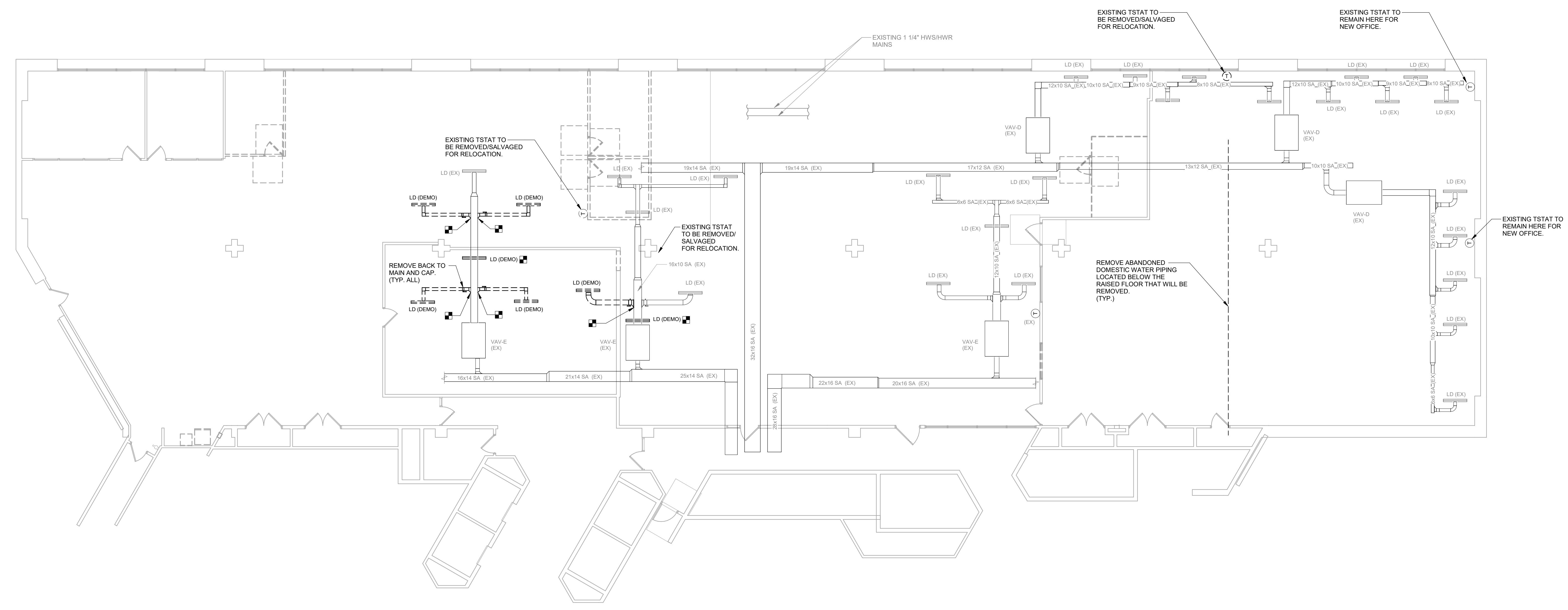
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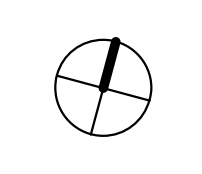
SHEET NAME
THIRD LEVEL FIRE PROTECTION PLAN

SHEET NUMBER
F-103

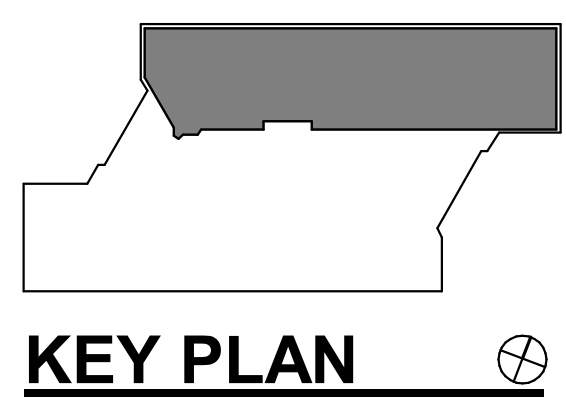
- GENERAL NOTES:**
- A. REFER TO M000 FOR GENERAL NOTES & SYMBOLS.
 - B. PATCH WALLS, ROOFS, AND/OR FLOOR WHERE DUCTS, GRILLES, PIPES, OR EQUIPMENT ARE REMOVED. PAINT OR FINISH TO MATCH ORIGINAL CONSTRUCTION.
 - C. WHERE DUCTWORK IS REMOVED, REMOVE ALL ASSOCIATED SUPPORTS.
 - D. WHERE EQUIPMENT IS REMOVED, REMOVE ALL ASSOCIATED SUPPORTS, DUCTWORK, PIPING, AND CONTROLS.
 - E. WHERE CONTROLS ARE REMOVED, REMOVE ALL ASSOCIATED WIRING AND/OR PNEUMATIC TUBING. PATCH WALL OPENINGS AND PAINT OR FINISH TO MATCH ORIGINAL CONSTRUCTION. IN WALLS THAT CANNOT BE PATCHED, INSTALL STAINLESS STEEL COVER PLATE. ABANDON PNEUMATIC TUBING IN WALLS.



1 THIRD LEVEL HVAC DEMOLITION PLAN
 1/8" = 1'-0"



PROJECT NAME
9186.04 - DHS CC STRATEGIC SPACE PLANNING HOOPER 3RD FLOOR DEPT OF ADMIN SERVICES



OWNER
STATE OF IOWA
 RFB No. 918604-01
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SHEET NAME
THIRD LEVEL MECHANICAL DEMOLITION

SHEET NUMBER
MD-103

KEY PLAN

OWNER
 STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186.04

PROJECT NO. 24.048

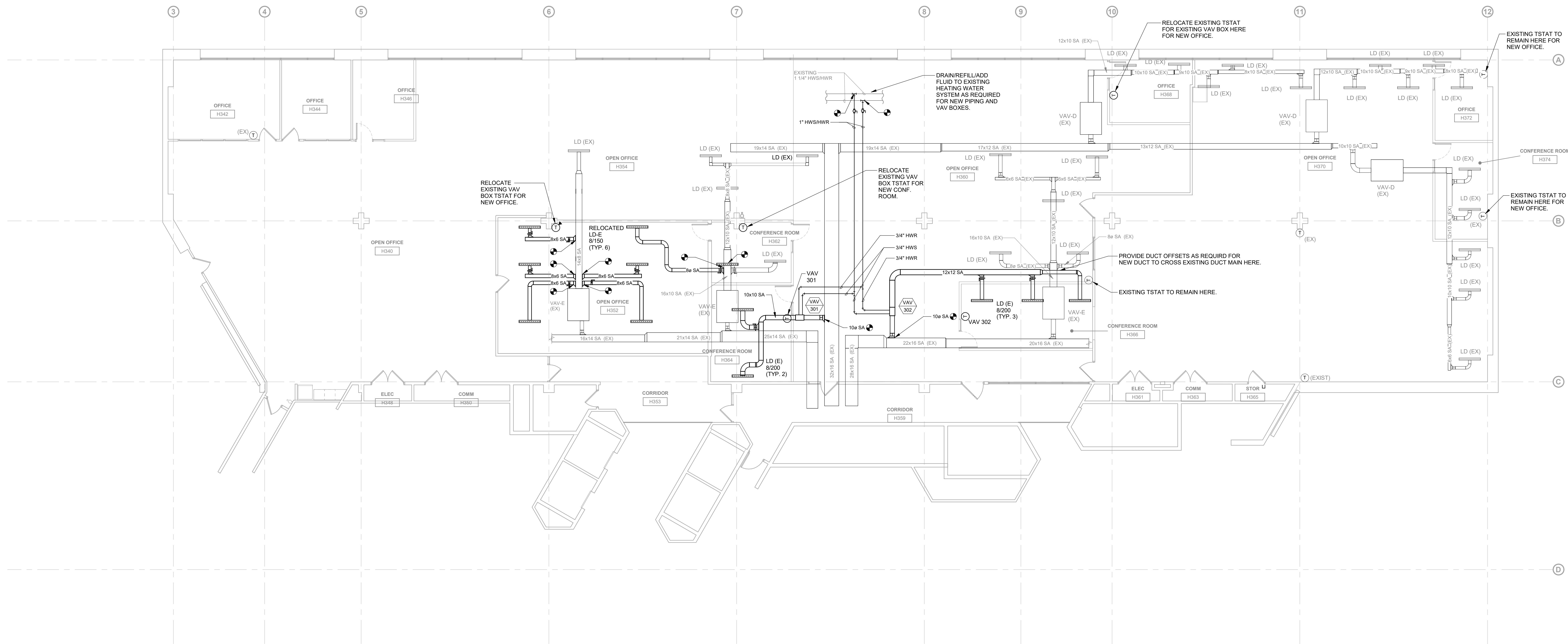
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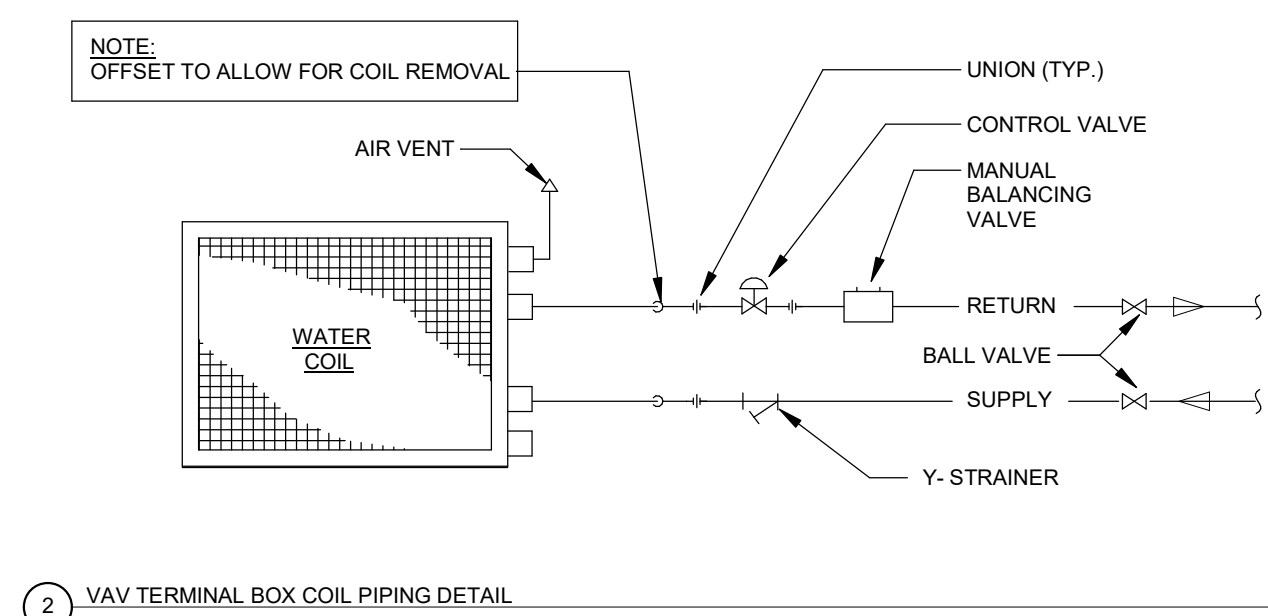
SHEET NAME
**THIRD LEVEL
 MECHANICAL
 HVAC PLAN**

SHEET NUMBER
M-103

- GENERAL NOTES:**
- A. REFER TO M000 FOR GENERAL NOTES & SYMBOLS.
 - B. REFER TO M300 FOR MECHANICAL DETAILS AND SCHEDULES.
 - C. BRANCH DUCT SIZES TO AIR TERMINALS SHALL MATCH NECK SIZE OF GRILLE, REGISTER, OR DIFFUSER UNLESS NOTED OTHERWISE.
 - D. MAXIMUM FLEXIBLE DUCT LENGTH TO DIFFUSERS SHALL BE 60", WITH MAXIMUM OF ONE 90 DEGREE ELBOW.
 - E. BRANCH DUCT SIZES TO TERMINAL AIR BOXES SHALL MATCH INLET SIZE, UNLESS NOTED OTHERWISE.
 - F. MAXIMUM FLEXIBLE DUCT LENGTH TO TERMINAL AIR BOXES SHALL BE 36". NO BENDS ARE ALLOWED.
 - G. PROVIDE MINIMUM OF ONE RECTANGULAR MITERED ELBOW WITH TURNING VANES DOWNSTREAM OF EACH TERMINAL AIR BOX FOR SOUND ATTENUATION PURPOSES.
 - H. LD (E) WILL BE AN EXISTING LINEAR DIFFUSER AND PLENUM PROVIDED BY THE OWNER FROM THEIR REPLACEMENT STOCK IN ORDER TO FIT IN EXISTING METAL CEILING SYSTEM.



1 THIRD LEVEL HVAC PLAN
 1/8" = 1'-0"



2 VAV TERMINAL BOX COIL PIPING DETAIL
 NTS

VAV BOX SEQUENCE OF OPERATION

SPACE SETPOINT CONTROL

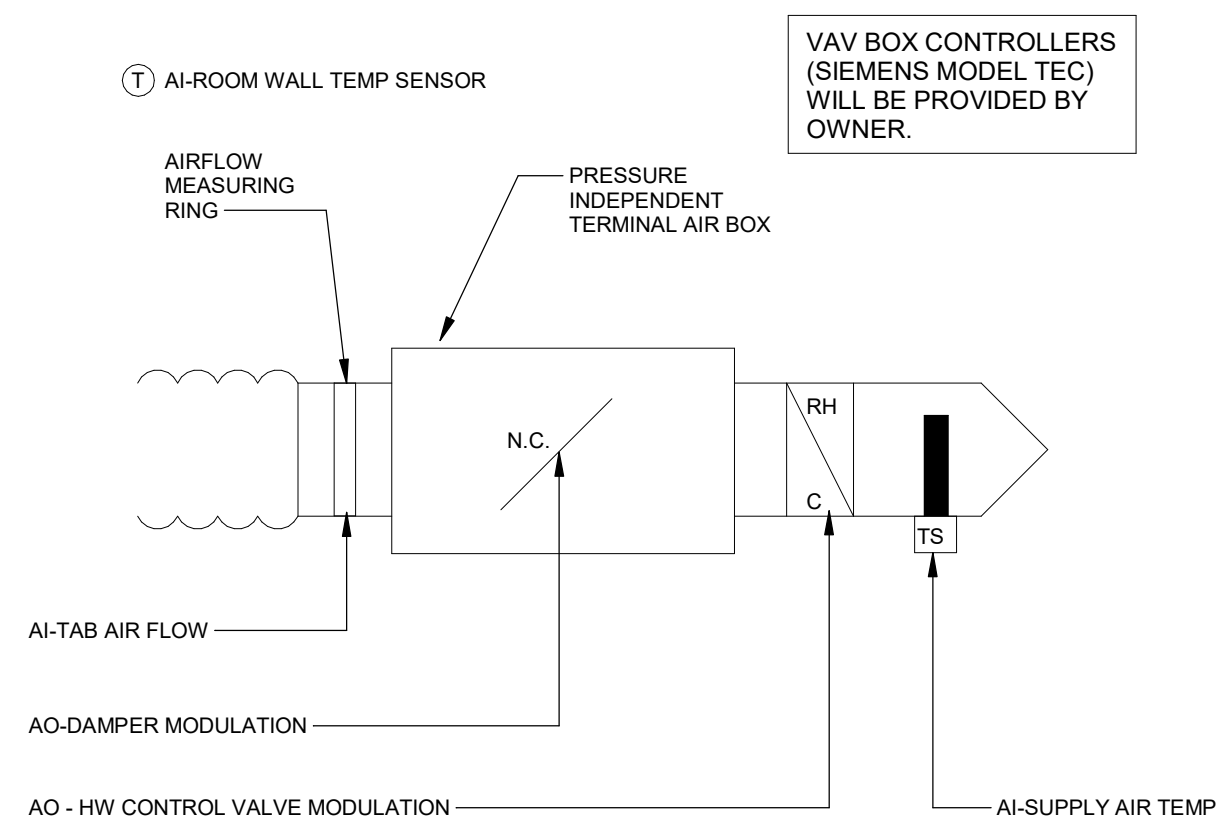
-ON A RISE IN SPACE TEMPERATURE 1°F (ADJ.) ABOVE SETPOINT, THE VAV DAMPER SHALL MODULATE TOWARDS OPEN TO MAINTAIN COOLING SETPOINT. THE HEATING CONTROL VALVE SHALL BE CLOSED. AS THE SPACE TEMPERATURE BEGINS TO FALL 1°F (ADJ.) BELOW ROOM SETPOINT, THE DAMPER SHALL MODULATE TO MINIMUM POSITION TO MAINTAIN SPACE SETPOINT. IF BOX REACHES ITS MINIMUM POSITION AND SPACE TEMPERATURE CONTINUES TO FALL, THE HEATING WATER VALVE SHALL MODULATE OPEN ALONG WITH THE DAMPER TO MAINTAIN SPACE SETPOINT TEMPERATURE. A DISCHARGE AIR TEMPERATURE SENSOR DOWNSTREAM OF THE BOX SHALL BE MONITORED AND USED TO LIMIT THE DISCHARGE AIR TEMPERATURE TO 90°F (ADJ.) DURING THE OCCUPIED MODE. SAFE MODE: IF DUCT TEMPERATURE SENSOR SENSES TEMPS. BELOW 40°F (ADJ.) OPEN THE HOT WATER VALVE TO FULL OPEN, TO PREVENT FREEZING OF COIL.

ALARMS

-AN ALARM SHALL BE GENERATED IF ROOM TEMPERATURE IS MORE THAN 2°F (ADJ.) ABOVE OR BELOW SPACE SETPOINT.

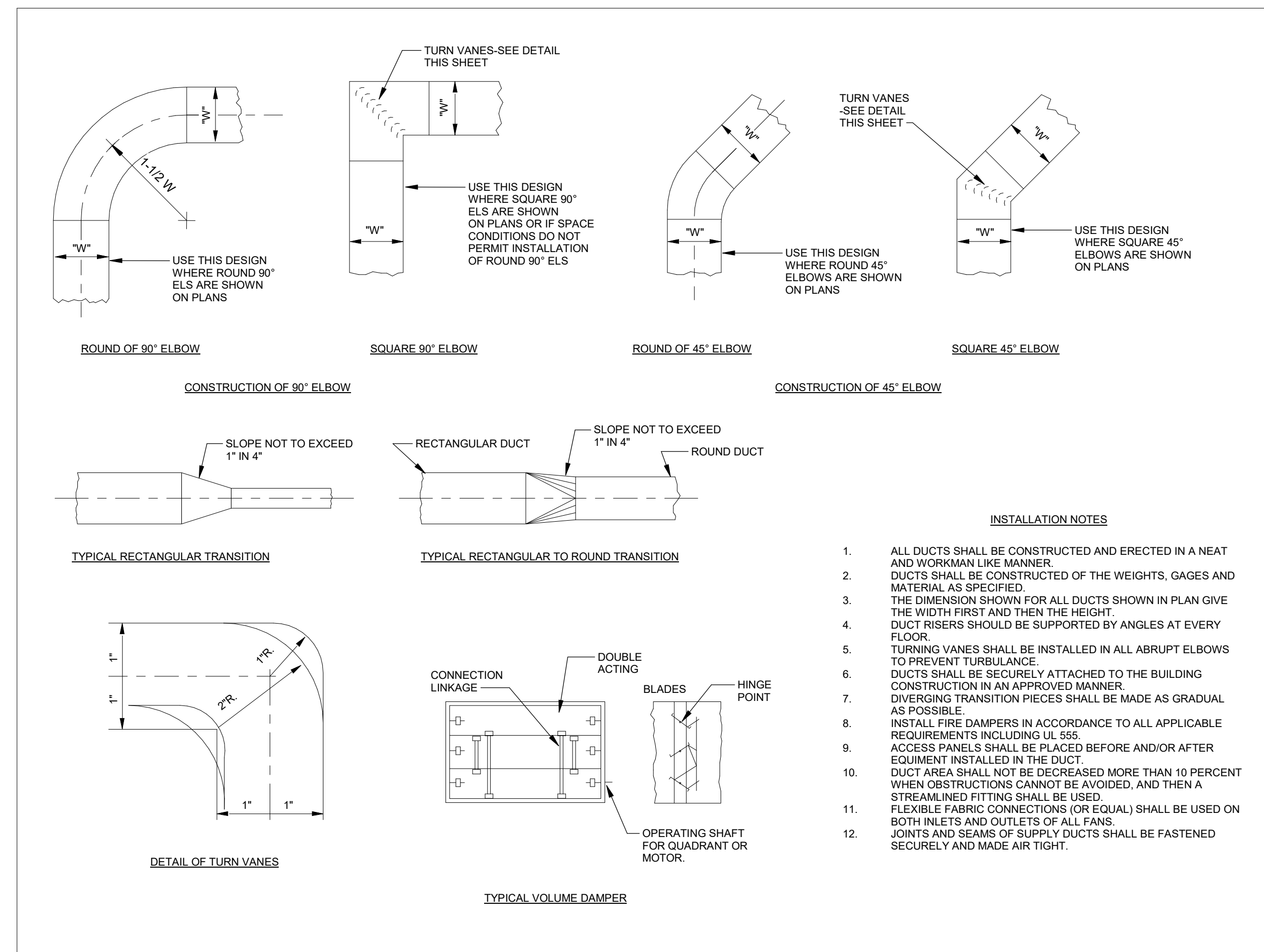
TRENDS

-ALL POINTS SHALL BE HISTORICALLY TRENDED, TEND POINTS AT 15 MIN. INTERVALS OVER A MINIMUM 90 DAY PERIOD OF TIME.



3 VAV BOX CONTROL DIAGRAM - HW REHEAT COIL
 NTS

CONTROL DIAGRAM SYMBOLS		GENERAL CONTROL NOTES		
SD	DUCT DETECTOR (BY OTHERS)	TEMPERATURE CONTROL CONTRACTOR TO PROVIDE A COMPLETE CONTROL SYSTEM, INCLUDING SENSORS, RELAYS, WIRING, CONDUIT, CONTROLLERS, AND OTHER COMPONENTS. INSTALL ALL CONTROL COMPONENTS PER MANUFACTURER'S RECOMMENDATIONS. TCC TO INSTALL ALL MFR PROVIDED CONTROLS COMPONENTS FURNISHED LOOSE FROM FACTORY.	ALL SENSORS ARE TO BE SUPPLIED WITH APPROPRIATE RANGES TO ACCOMPLISH STATED CONTROL SEQUENCES.	
TS	TEMPERATURE SENSOR (AVERAGING)			
FZ	FREEZE STAT			
ES	ENTHALPY SENSOR			
DPS	DIFFERENTIAL PRESSURE SENSOR			
SP	STATIC PRESSURE SENSOR			
DP	DEW POINT SENSOR			COORDINATE WITH EC ON REQUIRED POWER REQUIREMENTS AND LOCATIONS.
N.O.	NORMALLY OPEN (POWERED CLOSED)			UNLESS STATED OTHER, ELECTRICAL CONTRACTOR IS TO PROVIDE ALL LINE VOLTAGE POWER AND CONDUIT FOR CONTROL SYSTEM AND ALL CODE REQUIRED HARD WIRED POINTS FOR INTERACTION WITH FIRE ALARM SHUTDOWN.
N.C.	NORMALLY CLOSED (POWERED OPEN)			MECHANICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL CONTROL VALVES, DAMPERS, AND DAMPER ACTUATORS.
TS	TEMPERATURE SENSOR AS INDICATED			TCC SHALL BE SIEMENS (NO EQUALS).
VT	VELOCITY TRANSMITTER			
M	24V DAMPER/VALVE MOTOR			
NC	NORMALLY CLOSED			
NO	NORMALLY OPEN			
AI	ANALOG INPUT			
AO	ANALOG OUTPUT			
DI	DIGITAL INPUT			
DO	DIGITAL OUTPUT			
ADJ	ADJUSTABLE			
VFD	VARIABLE FREQUENCY DRIVE			



1 DETAILS OF THE LOW VELOCITY DUCT LAYOUT
 NOT TO SCALE

TERMINAL AIR BOX SCHEDULE

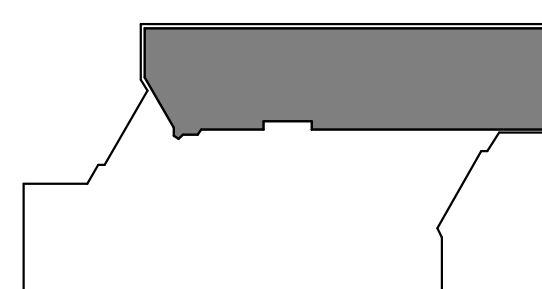
REFERENCE	VAV-301	VAV-302
MANUFACTURER	TITUS	TITUS
MODEL #	DESV	DESV
TYPE	SINGLE HW REHEAT	SINGLE HW REHEAT
SERVES	SEE PLAN	SEE PLAN
DIMENSIONS - L x W x D (INCHES)	19" X 12" X 10"	19" X 12" X 10"
BOX SIZE / INLET SIZE (INCHES)	7/ 10	8 / 10
MAXIMUM COOLING AIRFLOW (CFM)	400	600
MAXIMUM HEATING AIRFLOW (CFM)	275	400
MINIMUM AIRFLOW (CFM)	150	200
AIR PRESSURE DROP (IN. W.C.)	0.25	0.25
SOUND LEVEL (NC)	25	27
REHEAT COIL	HOT WATER	HOT WATER
CAPACITY (MBH)	12	17
EAT (°F)	55	55
LAT (°F)	95	95
EWT (°F)	180	180
LWT (°F)	160	160
FLOW RATE (GPM)	1.25	1.75
PRESSURE DROP (FT. HD)	0.1	0.1
NOTES	1,2	1,2

NOTES:
 1. NC SHALL NOT EXCEED 35. BOX A.P.D. SHALL NOT EXCEED 0.25".

DUCT INSULATION SCHEDULE

DUCT TYPE	HVAC EQUIPMENT	DUCT DETAILS	PRESSURE CLASS	INSULATION TYPE	INSULATION THICKNESS
SUPPLY AIR & VENTILATION AIR DUCT	FROM TERMINAL AIR BOXES	RECTANGULAR GALVANIZED STEEL	+2 INCH WG	WRAPPED MINERAL FIBER	1-1/2 INCH
		CONCEALED SPIRAL GALVANIZED STEEL	+2 INCH WG	WRAPPED MINERAL FIBER	1-1/2 INCH
SUPPLY AIR & VENTILATION AIR DUCT	FROM AHU	RECTANGULAR GALVANIZED STEEL	+3 INCH WG	WRAPPED MINERAL FIBER	1-1/2 INCH
		SPIRAL GALVANIZED STEEL	+3 INCH WG	WRAPPED MINERAL FIBER	1-1/2 INCH
FLEXIBLE DUCTS (UL-181, CLASS 1)	TO DIFFUSERS	2-PLY VINYL, HELICAL STEEL WIRE W/VAPOR BARRIER	+1 INCH WG	FIBROUS-GLASS INSULATION (R-6)	1-3/4 INCH

NOTES:
 1. ALL DUCTWORK SHALL BE CONSTRUCTED AND ERECTED IN ACCORDANCE WITH 2021 INTERNATIONAL MECHANICAL CODE.
 3. SEAL CLASS BASED ON SMACNA HVAC DUCT CONSTRUCTION STANDARDS. MASTIC REQUIRED ON ALL JOINTS SO DUCT IS SEALED AIR TIGHT.



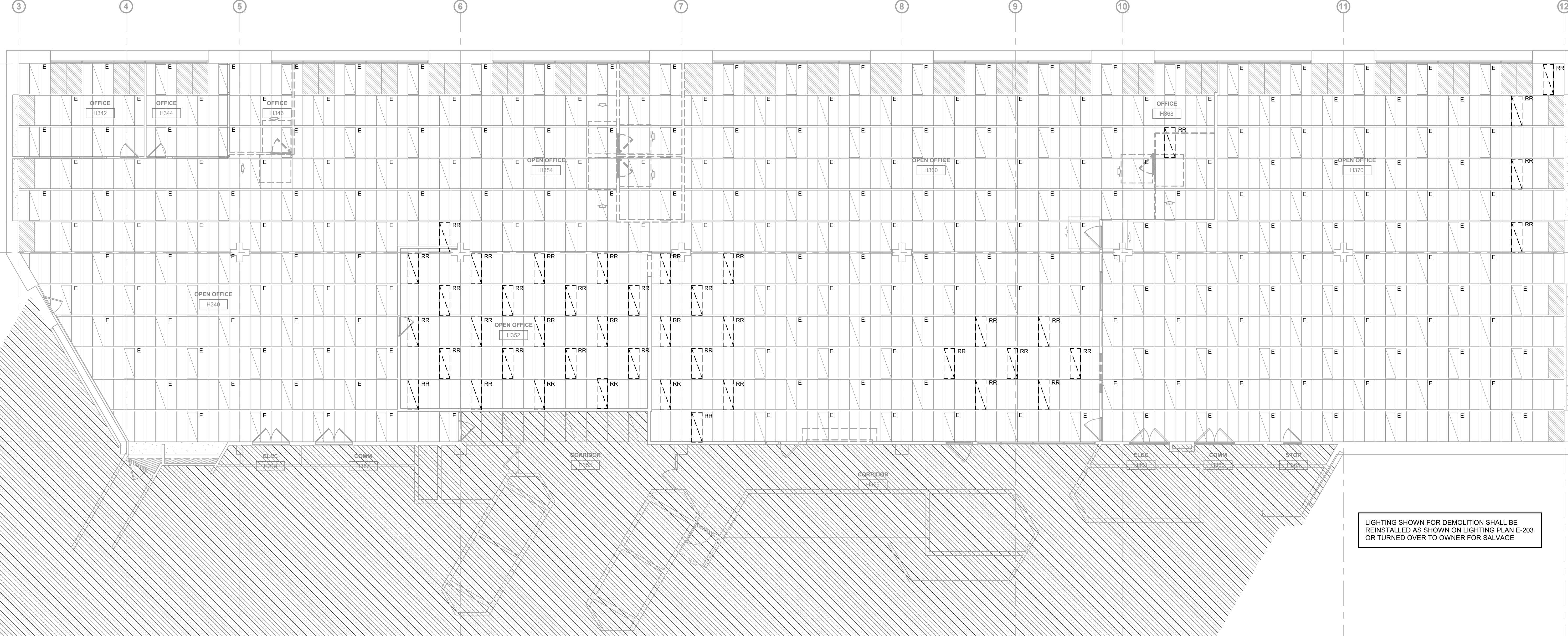
KEY PLAN

OWNER
 STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186.04

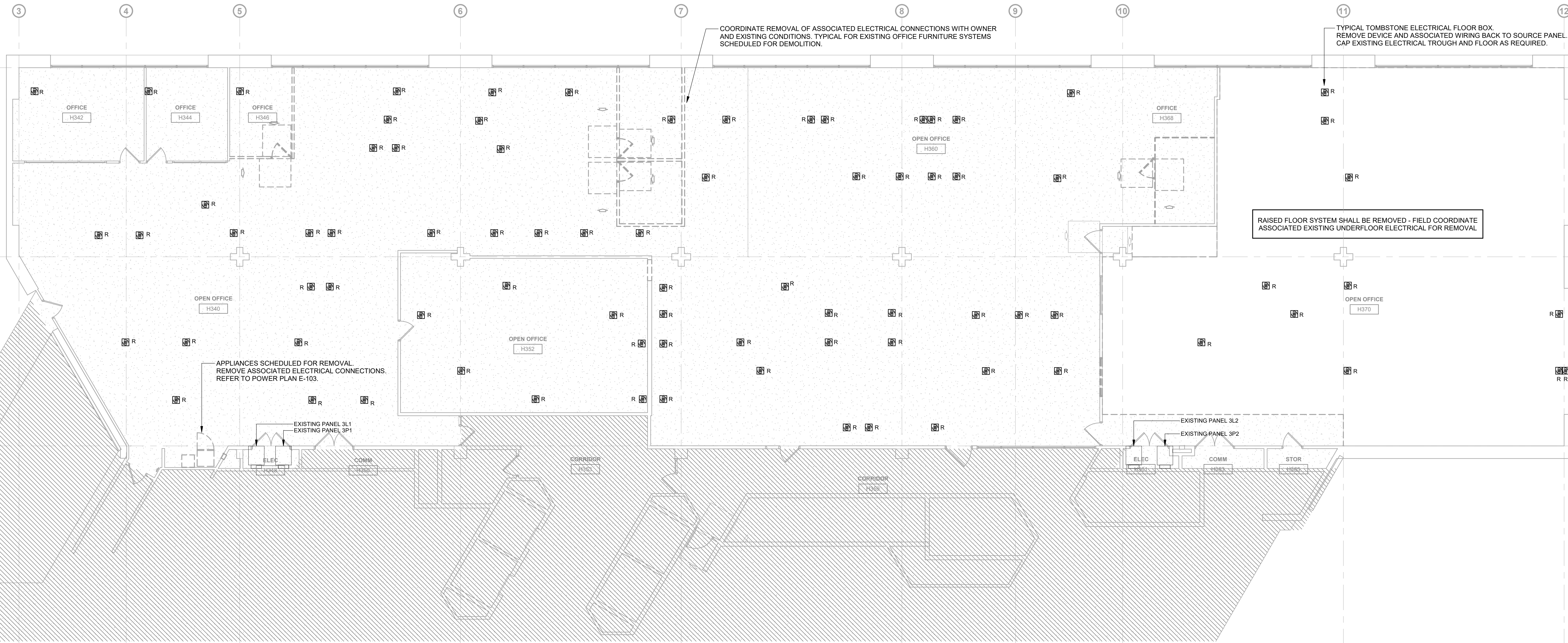
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2 THIRD LEVEL ELECTRICAL DEMOLITION LIGHTING PLAN
1/8" = 1'-0"



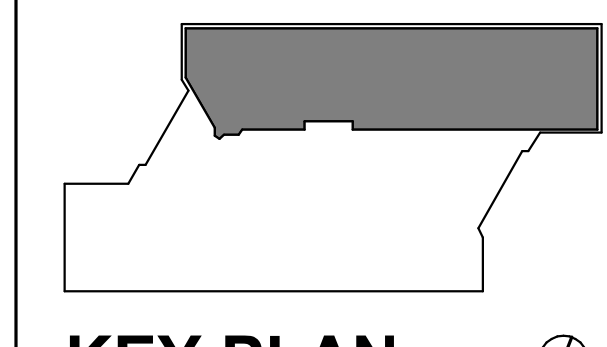
1 THIRD LEVEL ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"

- ELECTRICAL DEMOLITION NOTES**
- DEMOLITION DRAWINGS PRESENT LAYOUT OF EXISTING CONDITIONS AND MAJOR MECHANICAL/ELECTRICAL ITEMS. FIELD VERIFY EXISTING CONDITIONS AND BECOME FAMILIAR WITH EXISTING ELECTRICAL SYSTEM AND DEMOLITION SCOPE BEFORE WORK BEGINS.
 - ADDITIONAL COMPONENTS MAY EXIST WHICH ARE NOT SHOWN. HANDLE SUCH ITEMS IN A MANNER SIMILAR TO THOSE ITEMS WHICH ARE SHOWN.
 - REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK.
 - REMOVE ALL CONDUIT, WIRE, BOXES, ETC., AS REQUIRED BY WALL AND CEILING DEMOLITION.
 - IDENTIFY THE LOCATION OR ITEMS SERVED FOR ALL DISCONNECTED BRANCH CIRCUITS. BEFORE DEMOLITION, MAINTAIN CIRCUITS SERVING AREAS BEYOND THE DEMOLITION AREA.
 - REMOVE AND REINSTALL CEILING TILES AS REQUIRED TO REMOVE THE ELECTRICAL FACILITIES NOTED. REPLACE CEILING TILES DAMAGED DURING DEMOLITION.
 - KEEP EXISTING SYSTEMS OPERATIONAL DURING ALL PHASES OF CONSTRUCTION UNLESS NECESSARY FOR DEMOLITION.
 - OBTAIN OWNER'S PERMISSION TO SHUT OFF SERVICES OR SYSTEMS WHICH MAY AFFECT OTHER AREAS BEYOND DEMOLITION AREA. INFORM OWNERS AS TO THE REASON FOR AND THE DURATION OF THE SHUTDOWN.
 - REPAIR AT CONTRACTORS EXPENSE ANY DAMAGED CONDUIT OR WIRE NOT IDENTIFIED FOR DEMOLITION.
 - INSTALL BLANK COVERPLATES/COVERS OVER OPENINGS AT REMOVED DEVICE LOCATIONS.
 - ALL WIRING FOR REMODELED AREAS SHALL BE NEW UNLESS SPECIFICALLY NOTED OTHERWISE.
 - PROTECT EXISTING DEVICES IDENTIFIED TO REMAIN OR BE RELOCATED. IF AN EXISTING DEVICE CANNOT BE REINSTALLED NOTIFY DESIGN TEAM DURING DEMOLITION. REPLACE FUNCTIONING ITEMS DAMAGED DURING DEMOLITION.
 - REMOVED/DEMOLISHED EQUIPMENT REMAINS THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. VERIFY OWNERS SALVAGE SELECTIONS AND DISPOSE ALL OTHER MATERIALS.
- PLAN ABBREVIATIONS:**
 E - EXISTING ITEM TO REMAIN
 EN - NEW LOCATION OF EXISTING ITEM
 N - NEW ITEM IN EXISTING LOCATION
 R - EXISTING ITEM TO BE REMOVED, PATCH AND/OR COVER
 RN - REPLACE EXISTING WITH NEW
 RR - EXISTING ITEM TO BE REMOVED AND RELOCATED

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PROJECT NAME
9186.04 - DHS CC STRATEGIC SPACE PLANNING HOOPER 3RD FLOOR DEPT OF ADMIN SERVICES



OWNER
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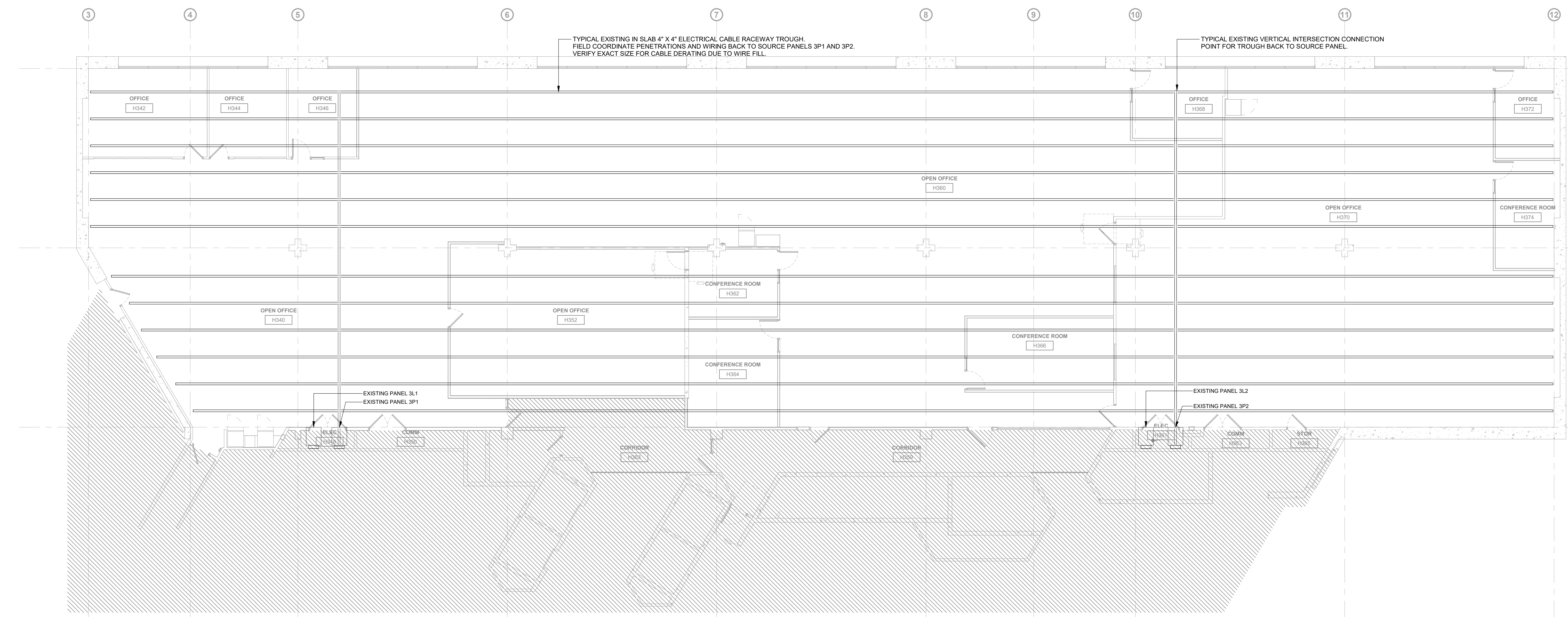
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SHEET NAME
THIRD LEVEL ELECTRICAL DEMOLITION

SHEET NUMBER
ED-103



- POWER GENERAL NOTES**
- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
 - B. COORDINATE ELECTRICAL REQUIREMENTS FOR MECHANICAL UNITS WITH MECHANICAL CONTRACTOR AND FINAL MECHANICAL SHOP DRAWINGS.
 - C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. COORDINATE FIRE RATED WALL PENETRATIONS AND PROVIDE CONDUIT SLEEVES AND FIRE STOPPING TO MAINTAIN RATING.
 - D. CONTRACTOR SHALL ROUTE NEW WIRES TO FLOOR MOUNTED DEVICES USING EXISTING IN-FLOOR RACEWAY TROUGH. MINIMUM WIRE SIZE SHALL BE #12 CU UNLESS REQUIRED TO INCREASE WIRE SIZE DUE TO WIRE FILL DERATING.

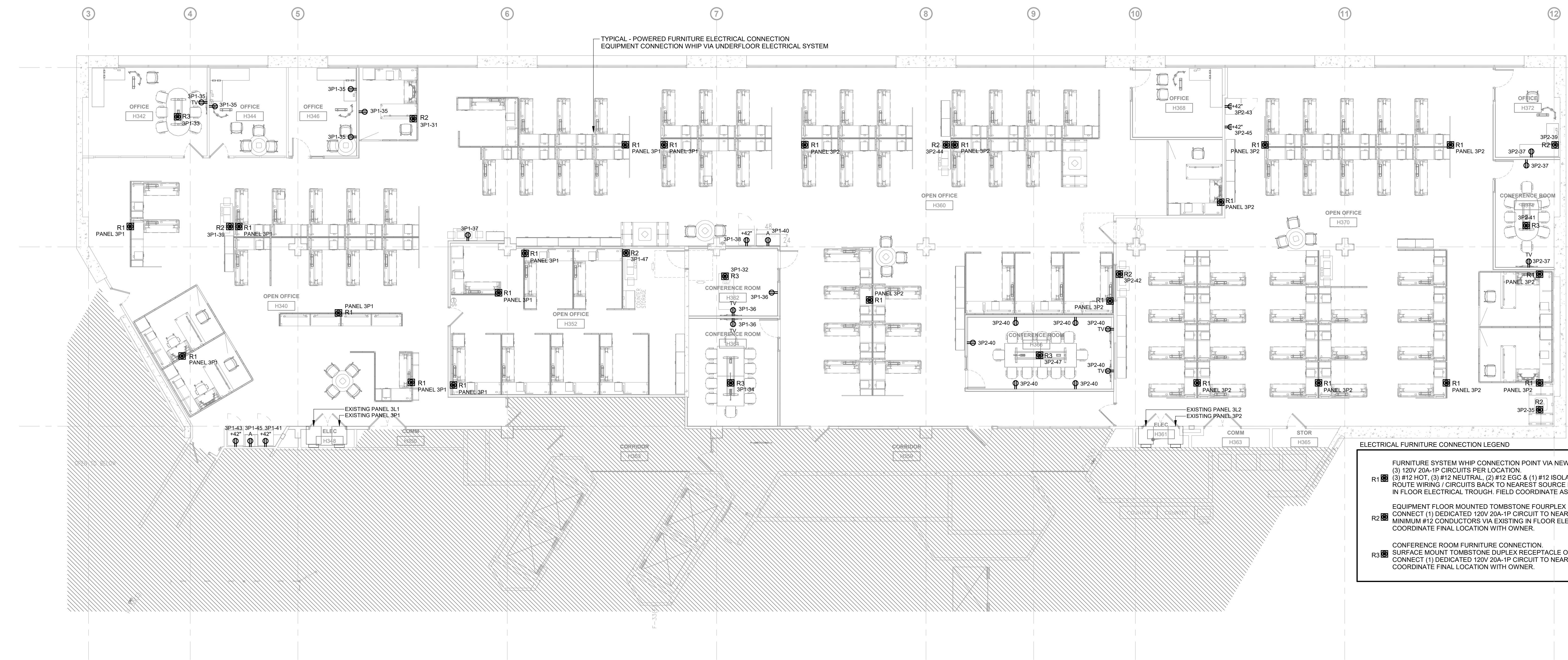
ARCHITECT OF RECORD
 Neumann Monson Architects
 221 East College Street | Suite 303
 Iowa City, Iowa 52240
 319.338.7878

111 East Grand Avenue | Suite 105
 Des Moines, Iowa 50309
 515.339.7500

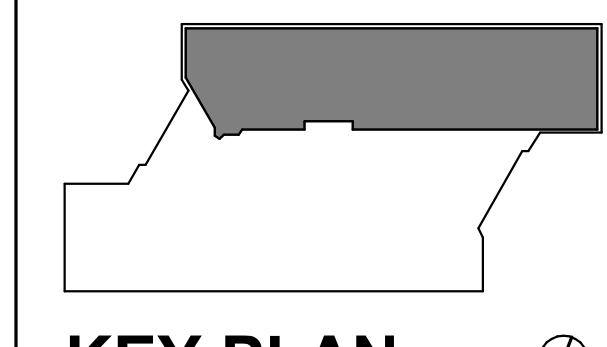
CONSULTANTS
 KCL Engineering
 MEP
 300 4th St.
 West Des Moines, IA 50265
 515.724.7998

PROJECT NAME
 9186.04 - DHS CC
 STRATEGIC
 SPACE PLANNING
 HOOVER 3RD
 FLOOR DEPT OF
 ADMIN SERVICES

2 THIRD LEVEL ELECTRICAL UNDER FLOOR REFERENCE PLAN
 1/8" = 1'-0"



- ELECTRICAL FURNITURE CONNECTION LEGEND**
- FURNITURE SYSTEM WHIP CONNECTION POINT VIA NEW FLOOR MOUNTED JUNCTION BOX. (3) 120V 20A-1P CIRCUITS PER LOCATION.
 - R1 (3) #12 HOT, (3) #12 NEUTRAL, (2) #12 EGC & (1) #12 ISOLATED EGC. ROUTE WIRING / CIRCUITS BACK TO NEAREST SOURCE PANEL 3P1 OR 3P2 USING EXISTING IN FLOOR ELECTRICAL TROUGH. FIELD COORDINATE AS REQUIRED.
 - EQUIPMENT FLOOR MOUNTED TOMBSTONE FOURPLEX RECEPTACLE. CONNECT (1) DEDICATED 120V 20A-1P CIRCUIT TO NEAREST SOURCE PANEL 3P1 OR 3P2. MINIMUM #12 CONDUCTORS VIA EXISTING IN FLOOR ELECTRICAL TROUGH. COORDINATE FINAL LOCATION WITH OWNER.
 - CONFERENCE ROOM FURNITURE CONNECTION. SURFACE MOUNT TOMBSTONE DUPLEX RECEPTACLE OR AS REQUIRED PER OWNER FURNITURE SYSTEM. CONNECT (1) DEDICATED 120V 20A-1P CIRCUIT TO NEAREST SOURCE PANEL 3P1 OR 3P2. COORDINATE FINAL LOCATION WITH OWNER.



OWNER
 STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186.04

PROJECT NO. 24.048

ISSUE

DATE	DESCRIPTION
07/17/2024	50% CONSTRUCTION DOCUMENTS
08/09/2024	95% CONSTRUCTION DOCUMENTS
08/22/2024	100% CONSTRUCTION DOCUMENTS

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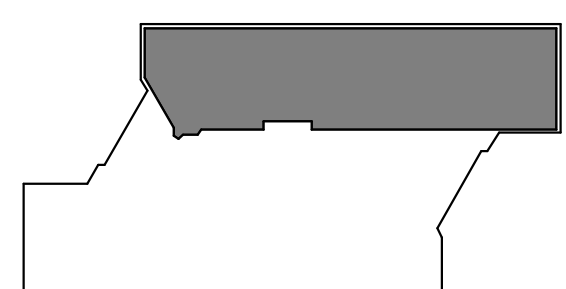
1 THIRD LEVEL ELECTRICAL POWER PLAN
 1/8" = 1'-0"

SHEET NAME
 THIRD LEVEL
 ELECTRICAL
 POWER

LIGHTING GENERAL NOTES

- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- B. UNLESS NOTED OTHERWISE, CONNECT ALL EMERGENCY BATTERY FIXTURES WITH AN UN-SWITCHED LEG OF THE LIGHTING CIRCUIT THAT SERVES THE FIXTURES SPACE. MAINTAIN NORMAL SWITCHING SCHEME OF EMERGENCY FIXTURES UNDER NORMAL OPERATION.
- C. LIGHTING CONTROLS SENSORS SHOWN ON PLANS AT SUGGESTED LOCATIONS. VERIFY FINAL LOCATIONS AND QUANTITIES WITH MANUFACTURER GUIDELINES AND INSTALLATION RECOMMENDATIONS. COORDINATE RELOCATIONS WITH ARCHITECTS CEILING PLAN.
- D. EMERGENCY LIGHTING IS CURRENTLY PRESENT THROUGHOUT FACILITY VIA DEDICATED LIGHTING FIXTURES CONNECTED TO INVERTERS ON EACH FLOOR. NO NEW LIGHTING IS PLANNED AT THIS TIME.

PROJECT NAME
 9186.04 - DHS CC
 STRATEGIC
 SPACE PLANNING
 HOOVER 3RD
 FLOOR DEPT OF
 ADMIN SERVICES



KEY PLAN

OWNER
 STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186.04

PROJECT NO. 24.048

ISSUE

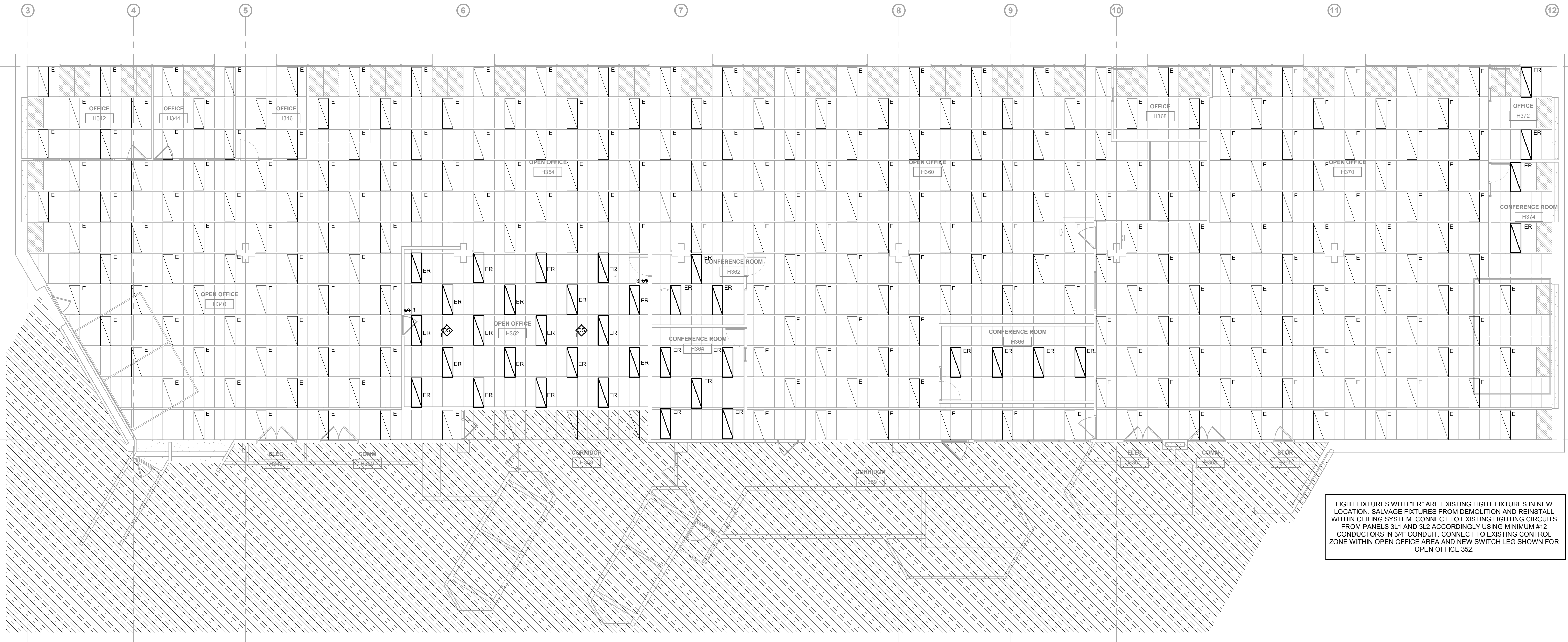
DATE	DESCRIPTION
07/17/2024	95% CONSTRUCTION DOCUMENTS
08/05/2024	95% CONSTRUCTION DOCUMENTS
08/22/2024	100% CONSTRUCTION DOCUMENTS

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SHEET NAME
 THIRD LEVEL
 ELECTRICAL
 LIGHTING

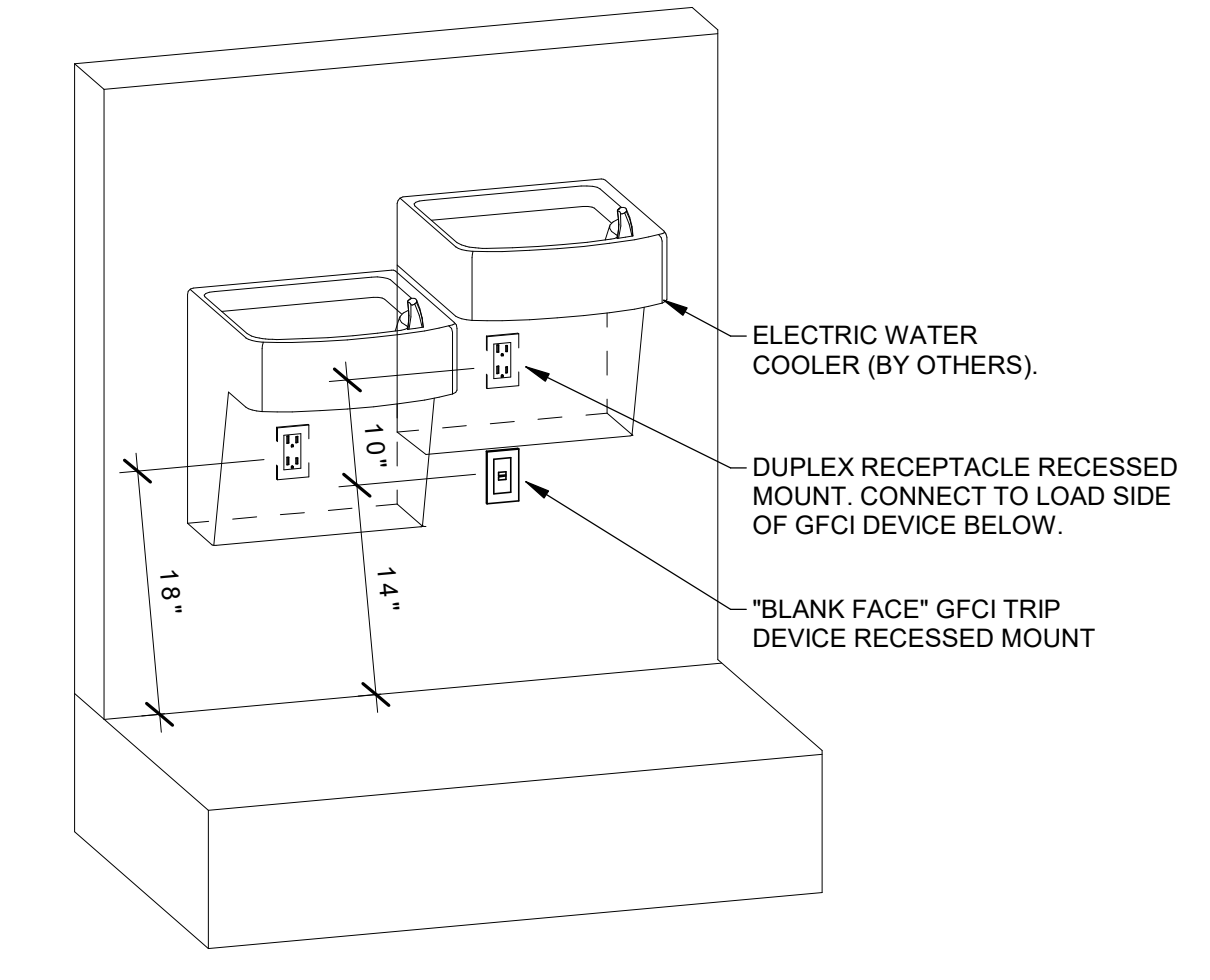
SHEET NUMBER

E-203

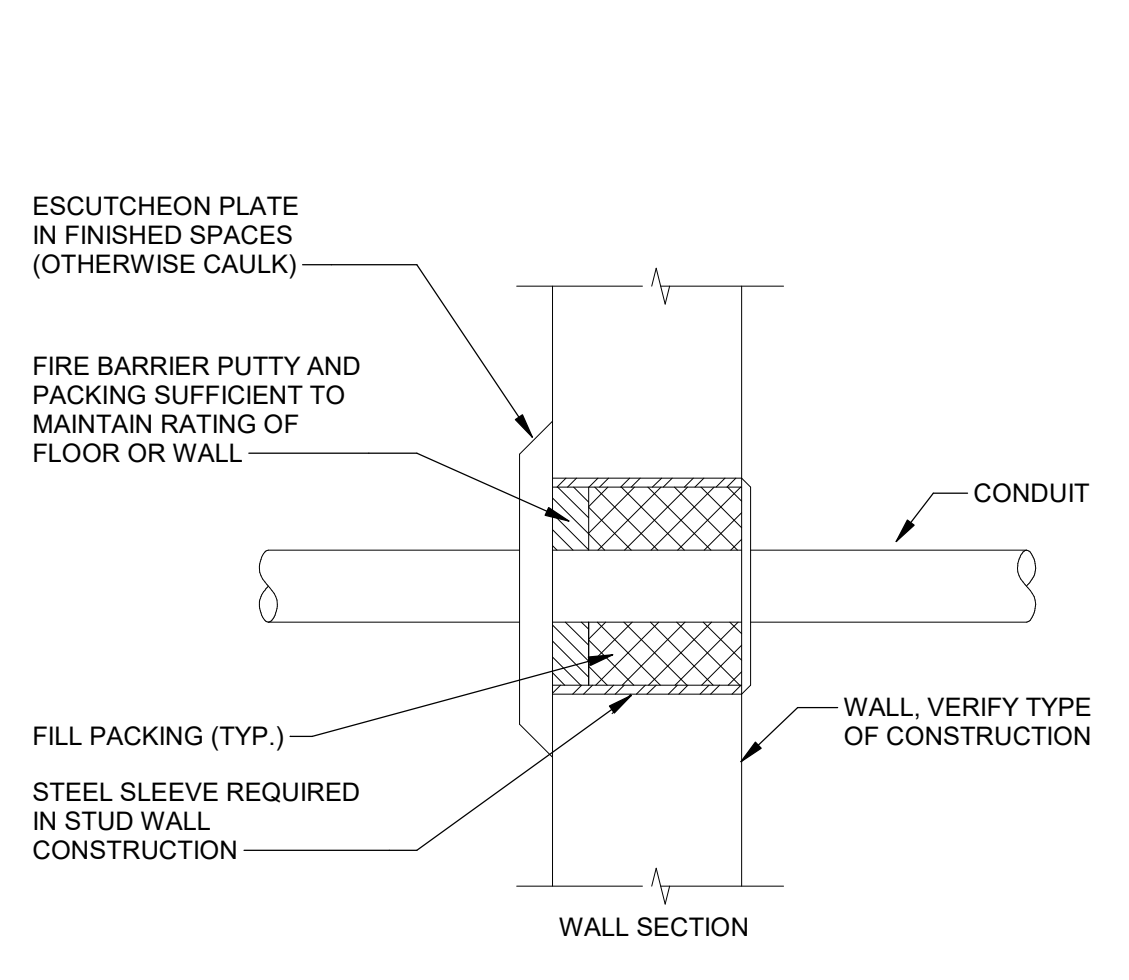


LIGHT FIXTURES WITH "ER" ARE EXISTING LIGHT FIXTURES IN NEW LOCATION. SALVAGE FIXTURES FROM DEMOLITION AND REINSTALL WITHIN CEILING SYSTEM. CONNECT TO EXISTING LIGHTING CIRCUITS FROM PANELS 3L1 AND 3L2 ACCORDINGLY USING MINIMUM #12 CONDUCTORS IN 3/4" CONDUIT. CONNECT TO EXISTING CONTROL ZONE WITHIN OPEN OFFICE AREA AND NEW SWITCH LEG SHOWN FOR OPEN OFFICE 352.

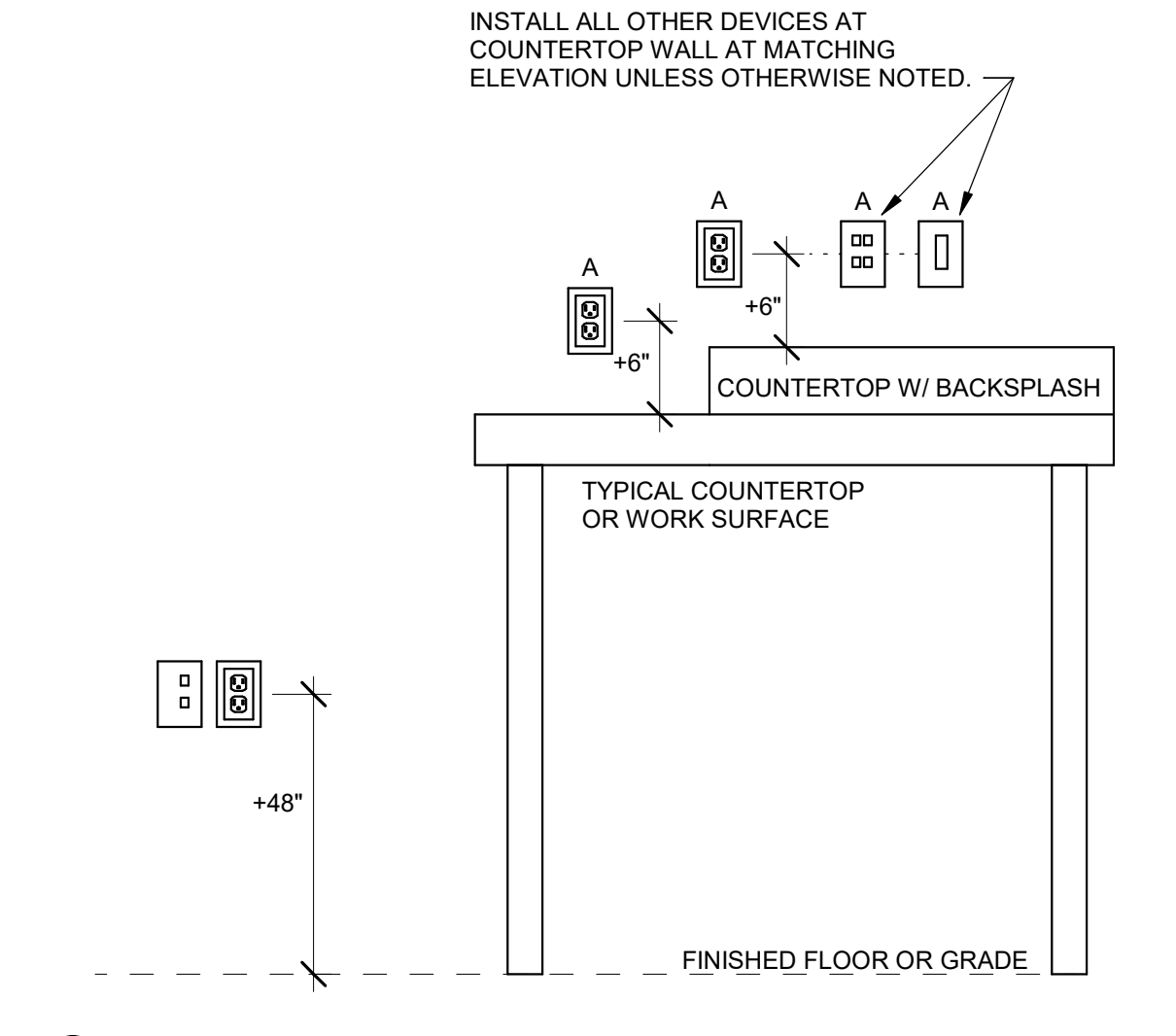
1 THIRD LEVEL ELECTRICAL LIGHTING PLAN
 1/8" = 1'-0"



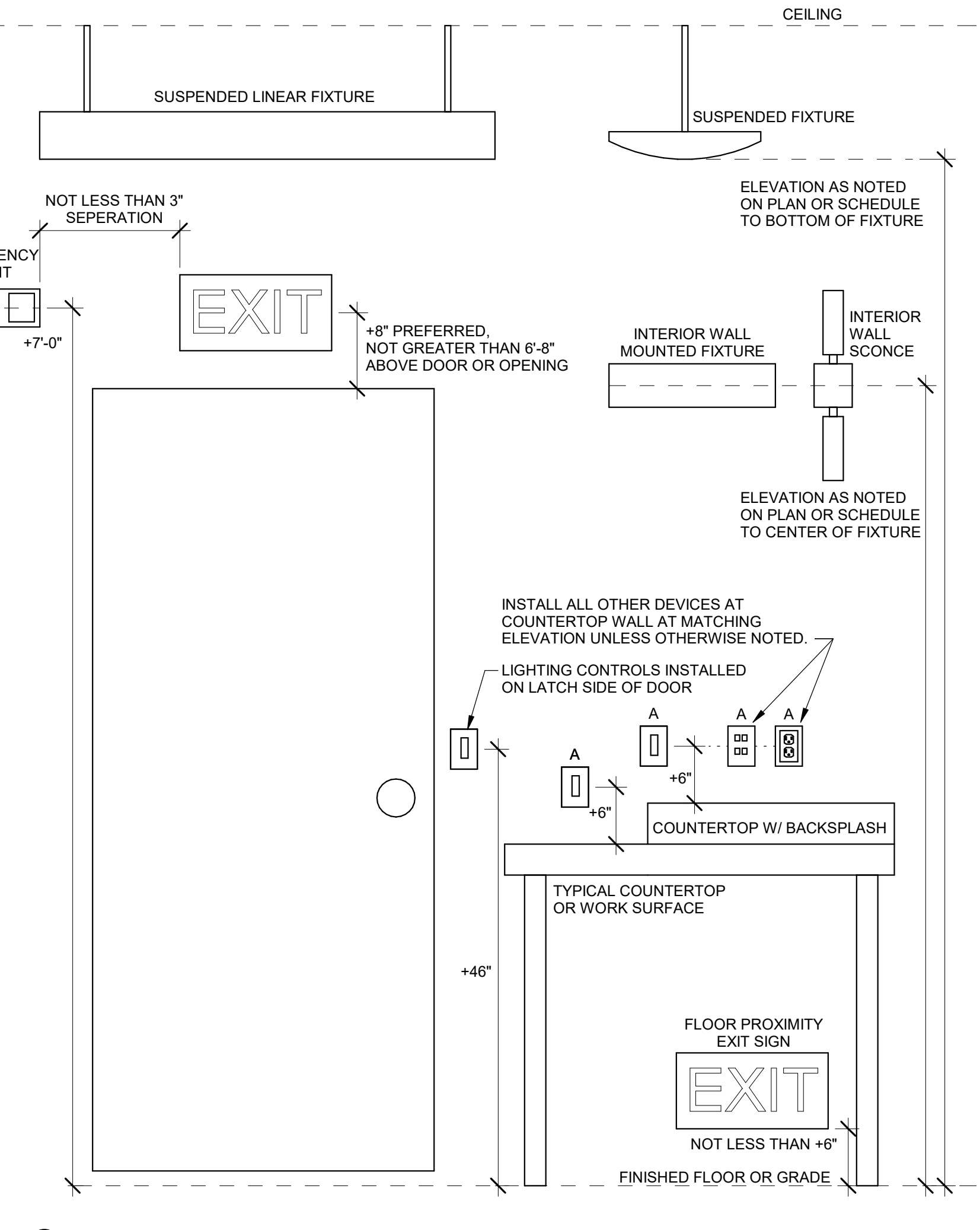
1 ELECTRICAL WATER COOLER GFCI DETAIL. NOT TO SCALE.



3 CONDUIT FIREWALL PENETRATION DETAIL. NOT TO SCALE.



2 POWER ELEVATIONS DETAIL. NOT TO SCALE.



5 LIGHTING ELEVATIONS DETAIL. NOT TO SCALE.

LIGHTING CONTROLS SCHEDULE						
NOTES:						
1. PROVIDE LIGHTING CONTROLS AS A COMPLETE SYSTEM AND INCLUDE MATERIAL AND INSTALLATION FOR ALL POWER PACKS, ACCESSORIES, CONTROLLERS, AND WIRING REQUIRED FOR OPERATION.						
2. ALL DEVICES SHALL BE UL OR SIMILARLY LISTED.						
3. ALL DEVICES PROVIDED WITH MANUFACTURER LIMITED 5 YEAR WARRANTY.						
4. PROVIDE LIGHTING CONTROLS WITH MANUFACTURER COMPLIANT POWER PACKS AND LOW VOLTAGE ROOM CONTROLLERS IN QUANTITY REQUIRED TO INSTALL A COMPLETE AND OPERATIONAL SYSTEM. MANUFACTURER OR MANUFACTURERS REP TO PROVIDE DEVICE QUANTITIES, LAYOUTS AND TYPICAL WIRING DETAILS DURING SHOP SUBMITTAL PROCESS. PROVIDE DIMMING COMPATIBLE DEVICES WHERE DIMMING CONTROLS ARE SHOWN. COORDINATE DIMMING TYPE WITH LIGHTING FIXTURES SHOWN. REFER TO LUMINAIRE SCHEDULE FOR FIXTURE DIMMING TYPE.						
5. WHERE WIRELESS LIGHTING CONTROLS ARE PROVIDED, POWERPACKS SHALL BE PROVIDED AND INSTALLED WITHIN MANUFACTURER RECOMMENDED DISTANCES TO ENSURE CONTROLLER OPERATION.						
6. INSTALL LOW VOLTAGE POWER PACKS AND ROOM CONTROLLERS ABOVE NEARBY ACCESSIBLE CEILING TILES OR IN MECHANICAL/STORAGE SPACES ADJACENT TO CONTROLLED FIXTURES. DO NOT INSTALL POWERPACKS EXPOSED IN COMMON SPACES OR IN INACCESSIBLE LOCATIONS.						
7. PROVIDE FACTORY AUTHORIZED REPRESENTATIVE TO DEMONSTRATE TYPICAL INSTALLATION AND COMMISSIONING OF EQUIPMENT.						
8. WHERE APPROVED EQUAL MANUFACTURER PRODUCTS SENSOR COVERAGE OR LOAD RATINGS DIFFER FROM BASIS OF DESIGN, CONTRACTOR AND MANUFACTURER ARE RESPONSIBLE FOR PROVIDING ADDITIONAL DEVICES AS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM.						
9. ETD'S AND ALL EMERGENCY LIGHTING CONTROLS COMPONENTS SHALL BE TESTED AND LISTED AS COMPATIBLE BY MANUFACTURER WITH NORMAL LIGHTING CONTROLS IN ALL AREAS.						
10. UNLESS INDICATED OTHERWISE, LIGHTING CONTROL SCHEMES/OPERATION SHALL BE AS FOLLOWS:						
CORRIDORS, VESTIBULES, SENSORS PROGRAMMED FOR OCCUPANCY MODE, AUTOMATIC ON/OFF OPERATION, 20 MINUTES MINIMUM, 30 MINUTES MAXIMUM. DIMMING CONTROL OF FIXTURES WITHIN DAYLIGHT COMMON SPACES: ZONES SHALL BE BY ALWAYS ON DAYLIGHT SENSOR.						
ALL OTHER SPACES SENSORS PROGRAMMED FOR VACANCY MODE, MANUAL ON/AUTOMATIC OFF OPERATION 20 MINUTES MINIMUM, 30 MINUTES MAXIMUM. DIMMING CONTROL OF FIXTURES WITHIN DAYLIGHT ZONES SHALL BE BY ALWAYS ON DAYLIGHT SENSOR.						
DESIGNED BY: JTL						
TYPE	DESCRIPTION	ELECTRICAL	MOUNTING	SENSOR TYPE	COVERAGE	APPROVED MANUFACTURERS
OS 1	CEILING MOUNTED OCCUPANCY/VACANCY SENSOR, WHITE FINISH, AUTOMATIC SELF-ADAPTIVE COVERAGE THRESHOLD AND FALSE ON/FALSE OFF CORRECTION, 8-30 MINUTE TIMER SETTINGS, INDOOR USE.	LOW VOLTAGE	CEILING / 8'-12' MH	DUAL-TECH	2000 SQ FT / 360 DEG	HUBBELL, CRESTRON, ACUITY, WATTSTOPPER, GREENGATE, AS APPROVED BY ENGINEER.

BRANCH PANEL: 3P1														
LOCATION: ELEC H348				VOLTAG... 120/208 WYE				SCCR RATING: FIELD VERIFY						
SUPPLY FROM:				PHASES: 3				MAINS TYPE: MCB						
MOUNTING: SURFACE				WIRES: 4				MAINS RATING: 125 A						
ENCLOSURE: TYPE 1								MCB RATING: 125 A						
NOTES:														
EXISTING SQUARE D PANEL FOR REFERENCE ONLY. REUSE EXISTING BREAKERS WHERE POSSIBLE. INSTALL NEW CIRCUIT BREAKERS WHERE NECESSARY AND MATCH MANUFACTURER AND RATING.														
CIRCUIT DESCRIPTION	P	AMP	CKT NO	A	B	C	CKT NO	AMP	P	CIRCUIT DESCRIPTION	P	AMP	P	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	1	360	360		2	20 A	1	NEW FURNITURE SYSTEM CONNECTION	2	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	3		360	360	4	20 A	1	NEW FURNITURE SYSTEM CONNECTION	4	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	5			360	360	6	20 A	1	NEW FURNITURE SYSTEM CONNECTION	6	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	7	360	360		8	20 A	1	NEW FURNITURE SYSTEM CONNECTION	8	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	9			360	360	10	20 A	1	NEW FURNITURE SYSTEM CONNECTION	10	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	11			360	360	12	20 A	1	NEW FURNITURE SYSTEM CONNECTION	12	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	13	360	360		14	20 A	1	NEW FURNITURE SYSTEM CONNECTION	14	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	15			360	360	16	20 A	1	NEW FURNITURE SYSTEM CONNECTION	16	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	17			360	360	18	20 A	1	NEW FURNITURE SYSTEM CONNECTION	18	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	19	360	360		20	20 A	1	NEW FURNITURE SYSTEM CONNECTION	20	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	21			360	360	22	20 A	1	NEW FURNITURE SYSTEM CONNECTION	22	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	23			360	360	24	20 A	1	NEW FURNITURE SYSTEM CONNECTION	24	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	25	360	360		26	20 A	1	NEW FURNITURE SYSTEM CONNECTION	26	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	27			360	360	28	20 A	1	NEW FURNITURE SYSTEM CONNECTION	28	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	29			360	360	30	20 A	1	NEW FURNITURE SYSTEM CONNECTION	30	20 A	1
FLOOR TOMBSTONE RECEPTACLE	1	20 A	31	0	0		32	20 A	1	FLOOR TOMBSTONE RECEPTACLE	32	20 A	1	
FLOOR TOMBSTONE RECEPTACLE	1	20 A	33		0	0	34	20 A	1	FLOOR TOMBSTONE RECEPTACLE	34	20 A	1	
RECEPTACLES OFFICE H342/4/6	1	20 A	35			900	540	36	20 A	1	RECEPTACLES OFFICE H362/4	36	20 A	1
RECEPTACLE COPIER	1	20 A	37	180	1200		38	20 A	1	RECEPTACLE REFRIGERATOR	38	20 A	1	
FLOOR TOMBSTONE RECEPTACLE	1	20 A	39		0	1500	40	20 A	1	RECEPTACLE MICROWAVE	40	20 A	1	
REFRIGERATOR	1	20 A	41			1200	42							
RECEPTACLE	1	20 A	43	1200			44							
RECEPTACLE MICROWAVE	1	20 A	45		1500		46							
FLOOR TOMBSTONE RECEPTACLE	1	20 A	47			0	48							
			49				49							
			51				52							
			53				54							
			55				56							
			57				58							
			59				60							
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			75				76							
			77				78							
			79				80							
			81				82							
			83				84							
						6,180 VA	6,600 VA	6,240 VA						
						52 A	55 A	52 A						
LEGEND:														
G INDICATES GFCI TYPE BREAKER. *L* INDICATES PROVIDE LOCKABLE HASP														
F INDICATES RED LOCK-ON HASP														
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS										
POWER	0 VA	0.00%	0 VA	TOTAL CONN. LOAD: 19,020 VA										
RECEPTACLE	8,220 VA	100.00%	8,220 VA	TOTAL EST. DEMAND: 19,020 VA										
Spare	10,800 VA	100.00%	10,800 VA	TOTAL CONN.: 53 A										
				TOTAL EST. DEMAND: 53 A										
NOTES:														

BRANCH PANEL: 3P2														
LOCATION: ELEC H361				VOLTAG... 120/208 WYE				SCCR RATING: FIELD VERIFY						
SUPPLY FROM:				PHASES: 3				MAINS TYPE: MCB						
MOUNTING: SURFACE				WIRES: 4				MAINS RATING: 125 A						
ENCLOSURE: TYPE 1								MCB RATING: 125 A						
NOTES:														
EXISTING SQUARE D PANEL FOR REFERENCE ONLY. REUSE EXISTING BREAKERS WHERE POSSIBLE. INSTALL NEW CIRCUIT BREAKERS WHERE NECESSARY AND MATCH MANUFACTURER AND RATING.														
CIRCUIT DESCRIPTION	P	AMP	CKT NO	A	B	C	CKT NO	AMP	P	CIRCUIT DESCRIPTION	P	AMP	P	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	1	360	360		2	20 A	1	NEW FURNITURE SYSTEM CONNECTION	2	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	3		360	360	4	20 A	1	NEW FURNITURE SYSTEM CONNECTION	4	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	5			360	360	6	20 A	1	NEW FURNITURE SYSTEM CONNECTION	6	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	7	360	360		8	20 A	1	NEW FURNITURE SYSTEM CONNECTION	8	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	9			360	360	10	20 A	1	NEW FURNITURE SYSTEM CONNECTION	10	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	11			360	360	12	20 A	1	NEW FURNITURE SYSTEM CONNECTION	12	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	13	360	360		14	20 A	1	NEW FURNITURE SYSTEM CONNECTION	14	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	15			360	360	16	20 A	1	NEW FURNITURE SYSTEM CONNECTION	16	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	17			360	360	18	20 A	1	NEW FURNITURE SYSTEM CONNECTION	18	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	19	360	360		20	20 A	1	NEW FURNITURE SYSTEM CONNECTION	20	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	21			360	360	22	20 A	1	NEW FURNITURE SYSTEM CONNECTION	22	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	23			360	360	24	20 A	1	NEW FURNITURE SYSTEM CONNECTION	24	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	25	360	360		26	20 A	1	NEW FURNITURE SYSTEM CONNECTION	26	20 A	1	
NEW FURNITURE SYSTEM CONNECTION	1	20 A	27			360	360	28	20 A	1	NEW FURNITURE SYSTEM CONNECTION	28	20 A	1
NEW FURNITURE SYSTEM CONNECTION	1	20 A	29			360	360	30	20 A	1	NEW FURNITURE SYSTEM CONNECTION	30	20 A	1
FLOOR TOMBSTONE RECEPTACLE	1	20 A	31	360	360		32	20 A	1	FLOOR TOMBSTONE RECEPTACLE	32	20 A	1	
RECEPTACLES ROOMS H372 & H374	1	20 A	33			360	360	34	20 A	1	NEW FURNITURE SYSTEM CONNECTION	34	20 A	1
FLOOR TOMBSTONE RECEPTACLE	1	20 A	35			360	360	36	20 A	1	NEW FURNITURE SYSTEM CONNECTION	36	20 A	1
RECEPTACLES ROOMS H372 & H374	1	20 A	37	540	360		38	20 A	1	NEW FURNITURE SYSTEM CONNECTION	38	20 A	1	
FLOOR TOMBSTONE RECEPTACLE	1	20 A	39		0	1200	40	20 A	1	RECEPTACLES ROOM H366	40	20 A	1	
FLOOR TOMBSTONE RECEPTACLE	1	20 A	41			0	0	42	20 A	1	FLOOR TOMBSTONE RECEPTACLE	42	20 A	1
REFRIGERATOR	1	20 A	43	1200	0		44	20 A	1	FLOOR TOMBSTONE RECEPTACLE	44	20 A	1	
VENDING RECEPTACLE	1	20 A	45		1200		46							
FLOOR TOMBSTONE RECEPTACLE	1	20 A	47			0	48							
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TECHNOLOGY GENERAL NOTES

- 1. ALL NOTES APPLY TO THE FOLLOWING SERIES SHEETS: FA & T SERIES
2. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN ONLY AFTER PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION IS COMPLETE. COORDINATE WITH BUILDING STRUCTURE, ARCHITRAVE, MECHANICAL SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, EQUIPMENT ACCESS/CLEARANCE, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK OF INSTALLED EQUIPMENT RESULTING FROM INSUFFICIENT COORDINATION.
3. INCORPORATE THE REQUIREMENTS OF THE SPECIFICATIONS, DRAWINGS, AND STATE AND LOCAL CODES INTO THE INSTALLATION OF COMMUNICATIONS AND LIFE SAFETY/SECURITY SYSTEMS.
4. EACH TRADE IS RESPONSIBLE FOR MAKING PENETRATIONS WHERE REQUIRED IN EXISTING OR NEW WALLS, FLOORS, CEILINGS, AND ROOFS. MAKE PENETRATIONS NEAT, CONCEAL OR CAULK OVERCUT.
5. PROVIDE A PULL STRING IN ALL NEW CONDUITS FOR EASE OF CABLE INSTALLATION.

COMMUNICATIONS DEMOLITION NOTES

- 1. ALL EXISTING DEVICES AND DEVICE LOCATIONS WERE MADE BY CASUAL FIELD OBSERVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING SYSTEM COMPONENTS AND DEVICE LOCATIONS.
2. PROVIDE LABOR AND MATERIALS TO REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK TO BE PROVIDED UNDER THIS CONTRACT.
3. SYSTEMS SCHEDULED TO BE REMOVED SHALL BE DONE SO IN THEIR ENTIRETY. ABANDONED CABLING SHALL NOT BE ACCEPTED. REMOVE ALL ASSOCIATED FIELD DEVICES AND HEAD END EQUIPMENT.
4. REMOVED EQUIPMENT AND SYSTEMS SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. MATERIALS NOT SALVAGED BY THE OWNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR PROPER DISPOSAL.
5. REMOVE AND REINSTALL CEILING TILE REQUIRED FOR THE WORK BEING DONE UNDER THIS CONTRACT. DAMAGED CEILING TILE SHALL BE REPLACED TO MATCH EXISTING.
6. DO NOT CUT EXISTING TELECOMMUNICATIONS WIRING, CABLES OR CONDUIT AS EXISTING SYSTEMS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR WHO CUTS IN-SERVICE CABLES SHALL BE RESPONSIBLE FOR DOWNTIME AND THE COSTS TO REPAIR.

TELECOMMUNICATIONS DISTRIBUTION NOTES

- 1. DATA CABLING IS BY OWNER. PROVIDE PENETRATIONS AND PATHWAYS AS REQUIRED TO ROUTE ALL CABLING INFRASTRUCTURE ILLUSTRATED IN THE DRAWINGS. TREAT EACH NEW PENETRATION AS A 1-HOUR FIRE RATED WALL UNLESS OTHERWISE NOTED. PROVIDE REQUIRED FIRE STOPPING TO MAINTAIN THIS RATING.
2. REAM CONDUIT TO REMOVE BURRS AND ROUGH EDGES. PROVIDE A PROTECTIVE BUSHING AT THE END OF ANY CONDUIT STUB TO PROTECT CABLING INFRASTRUCTURE.
3. PROVIDE CABLE SUPPORT FOR ROUTING ALL NEW INFRASTRUCTURE. INSIDE OF ABOVE ACCESSIBLE CEILING SPACES, CABLING CAN BE FLOWN FREE-AIR UTILIZING J-HOOKS, BRIDLE RINGS AND OTHER ACCESSORIES TO SUPPORT CABLING. CABLE SHALL NOT BE ALLOWED TO REST ON TOP OF CEILING TILES OR TO UTILIZE GRID SUPPORT SYSTEM.
4. ALL OPEN CEILING AREAS SHALL HAVE CABLING CONCEALED IN CONDUIT. EXPOSED CABLING SHALL NOT BE ACCEPTED.

SOUND MASKING NOTES

- 1. ADD ALTERNATE #1.
2. PROVIDE SOUND MASKING SYSTEM AS ILLUSTRATED ON THE DRAWINGS. PROVIDE APPROPRIATE AMPLIFICATION, ZONE EQUIPMENT, SPEAKERS, AND ACCESSORIES NECESSARY FOR A COMPLETE INSTALLATION. REFER TO SPECIFICATION 27 51 19 FOR ADDITIONAL INFORMATION.

ABBREVIATIONS - TECHNOLOGY

Table with 4 columns: Abbreviation, Additional, Main Lugs Only, and Description. Includes entries like ADDL, AL, AR, AUTO, AUX, AV, AVG, AWG, BAT, BFF, BKGD, BLDG, BLW, BOT, BTWN, C, CCTV, CD, CL, CM, CTRL, (D), DEF, DEMO, DESCR, DET, DGTL, DIAG, DWG, E, ER, EC, ELEC, EM, EMER, EQ, EQUIP, EQUIV, EXCL, FBO, FLEX, FR, FREQ, FT, FUT, G, GND, GC, IRE, JB, KVA, KW, LVC, MC, MCB, MDP.

GENERAL SYMBOLS

Table of general symbols including Conduit Sleeve, Conduit Up, Conduit Down, Keynote, Point of Connection, Point of Disconnection, Equipment Identification Tag, Detail Callout, Detail Callout - Door Hardware, Detail Drawing Reference Tag, Section Cut Reference Tag, Interior Elevation Drawing Reference Tag, and Revision Cloud.

TELECOMMUNICATION SYMBOLS

Table of telecommunication symbols including Data Cabling - Rough-in Only, Floor Mounted Outlet in a Multi-gang Floorbox, Wall Mounted Junction Box, and Ceiling Mounted Speaker.

Technology Drawing List table with columns NO. and TITLE. Lists items T-000 through TD-103 including Technology Cover, Third Level Technology Communications Plan, Third Level Technology Sound Masking Plan, Technology Details, and Third Level Technology Demolition Plan.

TECHNOLOGY RESPONSIBILITY MATRIX

Large responsibility matrix table with columns for Provision Responsibilities Defined (OFOI, OFCI, CFCl, CFOW) and rows for Communications - Telecom Systems, Audio-Visual Systems, and Distributed Systems. Includes sections for Security - Access Control, Security - Video Intercom, Security - Video Surveillance, Security - Intrusion Detection, and Safety - Fire Detection and Alarm.

Legend for responsibility matrix symbols: OFOI (Owner Furnished & Owner Installed), OFCI (Owner Furnished & Contractor Installed), CFCl (Contractor Furnished & Contractor Installed), CFOW (Contractor Furnished & Owner Installed).

GENERAL NOTE: A. MATRIX IS NOT INTENDED TO BE EXHAUSTIVE TO COVER ALL MATERIALS NECESSARY FOR SCOPE AND SHOULD ONLY BE USED TO QUICKLY IDENTIFY SYSTEMS AND RELATED INFRASTRUCTURE INSIDE AND OUTSIDE THE BID OF THIS PROJECT. ANY ITEMS FURNISHED OR INSTALLED BY THE BIDDING CONTRACTOR SHALL COVER ALL REQUIRED APPURTENANCES NECESSARY FOR A COMPLETE SYSTEM. THIS SHALL INCLUDE BUT NOT BE LIMITED TO, EQUIPMENT, ACCESSORIES, TERMINATIONS, TERMINATION COMPONENTS, ALL FINAL CORDAGE CONNECTIVITY, SOFTWARE, PROGRAMMING, AND THE LABOR TO INSTALL.

ARCHITECT OF RECORD

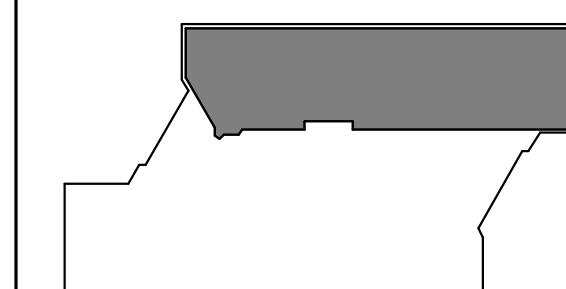
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111 East Grand Avenue | Suite 105
Des Moines, Iowa 50309
515.339.7500

CONSULTANTS

KCL Engineering
MEP
300 4th St.
West Des Moines, IA 50265
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PROJECT NAME

9186.04 - DHS CC STRATEGIC SPACE PLANNING HOOPER 3RD FLOOR DEPT OF ADMIN SERVICES



KEY PLAN

OWNER
STATE OF IOWA
RFB No. 918604-01
DAS No. 9186.04

PROJECT NO. 24.048

Table with columns DATE and DESCRIPTION. Shows dates 07/17/2024, 08/05/2024, and 08/22/2024 with descriptions 50% CONSTRUCTION DOCUMENTS, 95% CONSTRUCTION DOCUMENTS, and 100% CONSTRUCTION DOCUMENTS.

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SHEET NAME
TECHNOLOGY COVER

KEYNOTES (P)

GENERAL NOTES

- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- B. PROVIDE PENETRATIONS REQUIRED FOR ROUTING CABLING AND RACEWAYS THROUGH THE BUILDING. COORDINATE FIRE RATED WALL PENETRATIONS AND PROVIDE CONDUIT SLEEVES AND FIRE STOPPING TO MAINTAIN RATING.
- C. PROVIDE J-HOOKS, BRIDLE RINGS AND OTHER ACCESSORIES REQUIRED TO SUPPORT ALL TELECOMMUNICATIONS AND SECURITY MANAGEMENT SYSTEM CABLING.

ARCHITECT OF RECORD

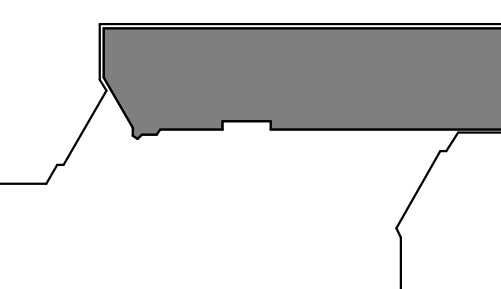
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PROJECT NAME
**9186.04 - DHS CC
 STRATEGIC
 SPACE PLANNING
 HOOVER 3RD
 FLOOR DEPT OF
 ADMIN SERVICES**



KEY PLAN

OWNER
STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186.04

PROJECT NO. 24.048

ISSUE

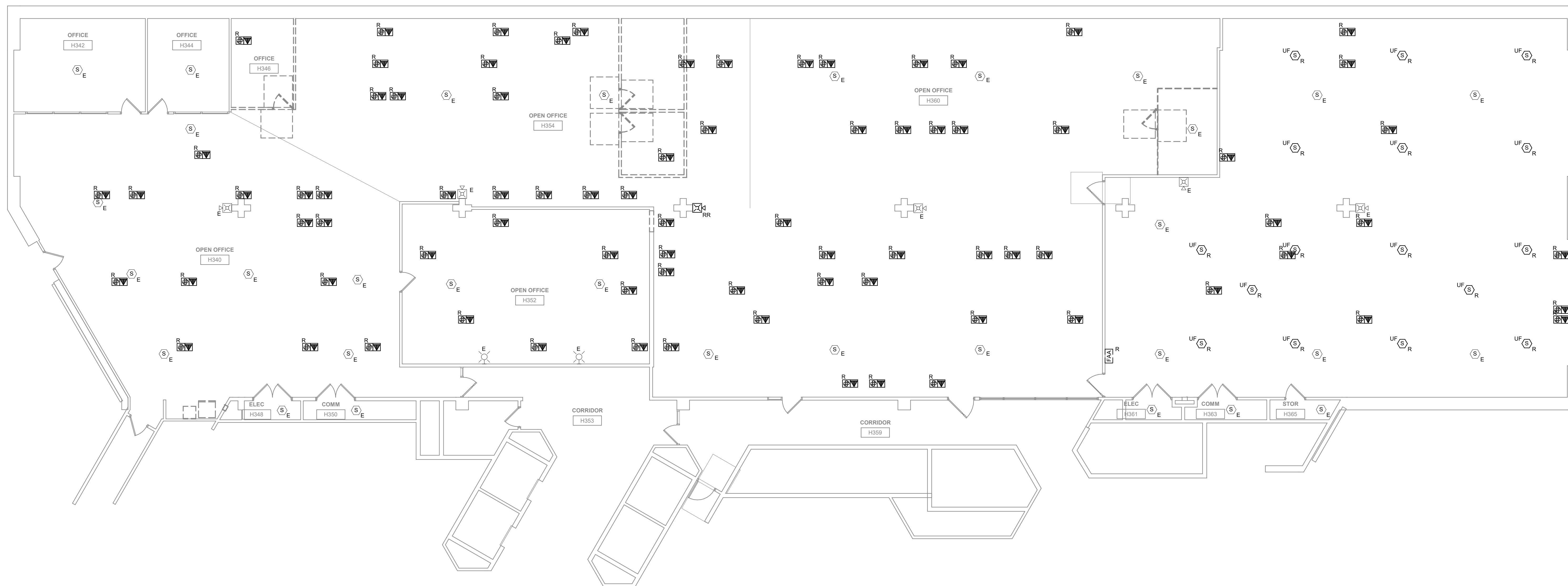
DATE	DESCRIPTION
07/17/2024	95% CONSTRUCTION DOCUMENTS
08/05/2024	95% CONSTRUCTION DOCUMENTS
08/22/2024	100% CONSTRUCTION DOCUMENTS

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SHEET NAME
**THIRD LEVEL
 TECHNOLOGY
 DEMOLITION PLAN**

SHEET NUMBER

TD-103



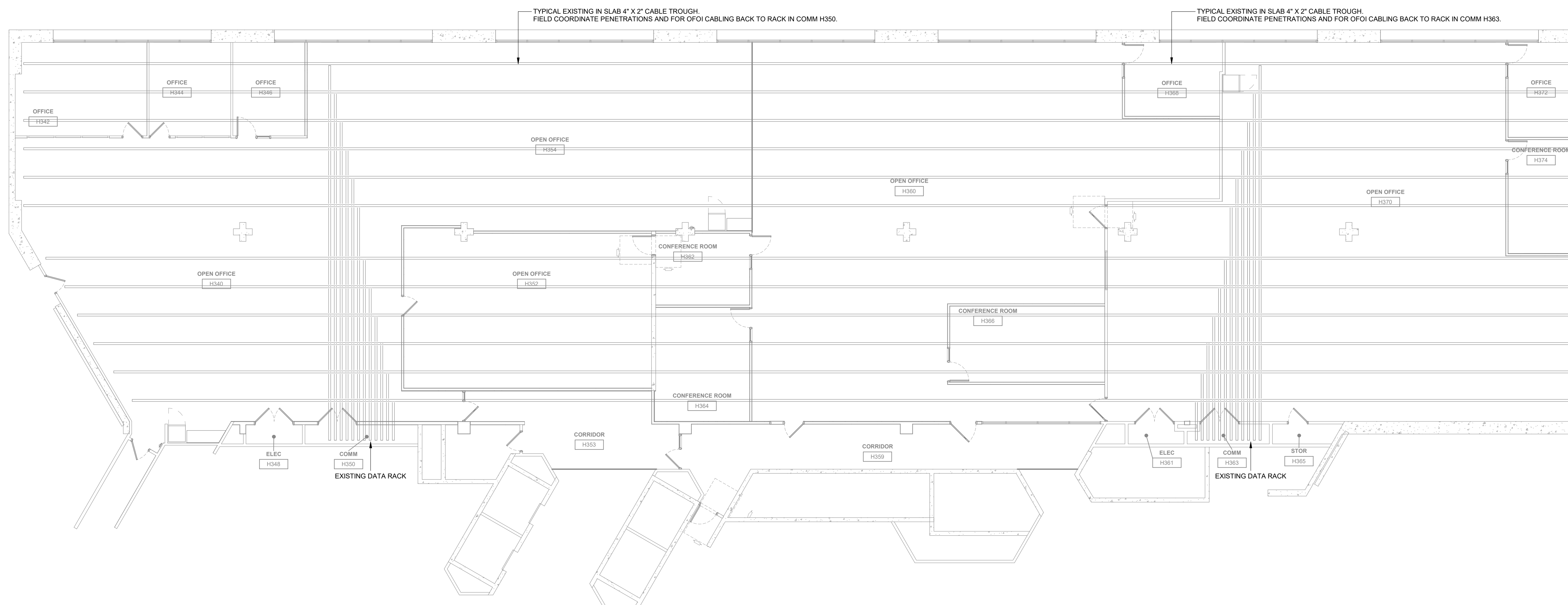
1 TECHNOLOGY FLOOR PLAN - DEMO
 1/8" = 1'-0"

GENERAL NOTES

- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- B. PROVIDE PENETRATIONS REQUIRED FOR ROUTING CABLING AND RACEWAYS THROUGH THE BUILDING. COORDINATE FIRE RATED WALL PENETRATIONS AND PROVIDE CONDUIT SLEEVES AND FIRE STOPPING TO MAINTAIN RATINGS.
- C. PROVIDE J-HOOKS, BRIDLE RINGS AND OTHER ACCESSORIES REQUIRED TO SUPPORT ALL TELECOMMUNICATIONS AND SECURITY MANAGEMENT SYSTEM CABLING.

KEYNOTES

- 1 AUDIO/VIDEO LOCATION, CABLING AND EQUIPMENT IS OWNER FURNISHED OWNER INSTALLED. PROVIDE ROUGH INS AND PATHWAYS FOR ALL LOCATIONS. COORDINATE WITH OWNER FOR EXACT LOCATIONS PRIOR TO INSTALLATION.
- 2 COORDINATE FLOOR BOX/TOMBSTONE LOCATIONS WITH ELECTRICAL SHEETS. FLOOR HAS EXISTING RACEWAY/PATHWAY FOR DATA CABLING.
- 3 TYPICAL FOR ALL DATA LOCATIONS. CABLING IS OWNER FURNISHED OWNER INSTALLED. PROVIDE ROUGH INS AND PATHWAYS FOR ALL LOCATIONS.



2 TECHNOLOGY UNDER FLOOR REFERENCE PLAN

1/8" = 1'-0"

PROJECT NAME
9186.04 - DHS CC STRATEGIC SPACE PLANNING HOOPER 3RD FLOOR DEPT OF ADMIN SERVICES



ADD ALTERNATE #1

SOUND MASKING EQUIPMENT SCHEDULE

REFERENCE	MANUFACTURER	MODEL	DESCRIPTION
AMP	BIAMP	QT X 600	AMPLIFIER
S1	BIAMP	E-A-W	WHITE IN CEILING SPEAKER

NOTES:

- COORDINATE SPEAKER MOUNTING LOCATIONS WITH OTHER TRADES TO AVOID CONFLICTS.
- EQUIPMENT LIST IS INTENDED TO SHOW ALL MAJOR COMPONENTS OF SYSTEM. CONTRACTOR SHALL PROVIDE ALL UNLISTED PARTS AND PIECES REQUIRED FOR INSTALLATION OF A COMPLETE AND FUNCTIONAL SYSTEM.
- QUANTITIES ARE NOT ILLUSTRATED IN THIS SCHEDULE. PROVIDE THE REQUIRED EQUIPMENT TO FOR A COMPLETE SOLUTION. REFER TO SIGNAL FLOW DIAGRAM.

KEYNOTES $\text{\textcircled{P}}$
 1 INSTALL SOUND MASKING HEADEND IN COMM H350 OR COMM H353.

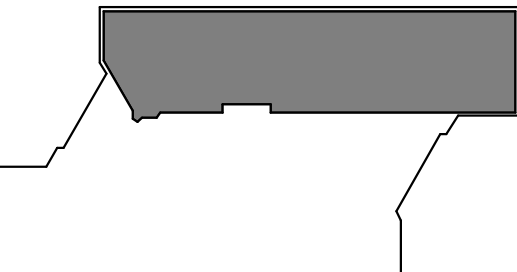
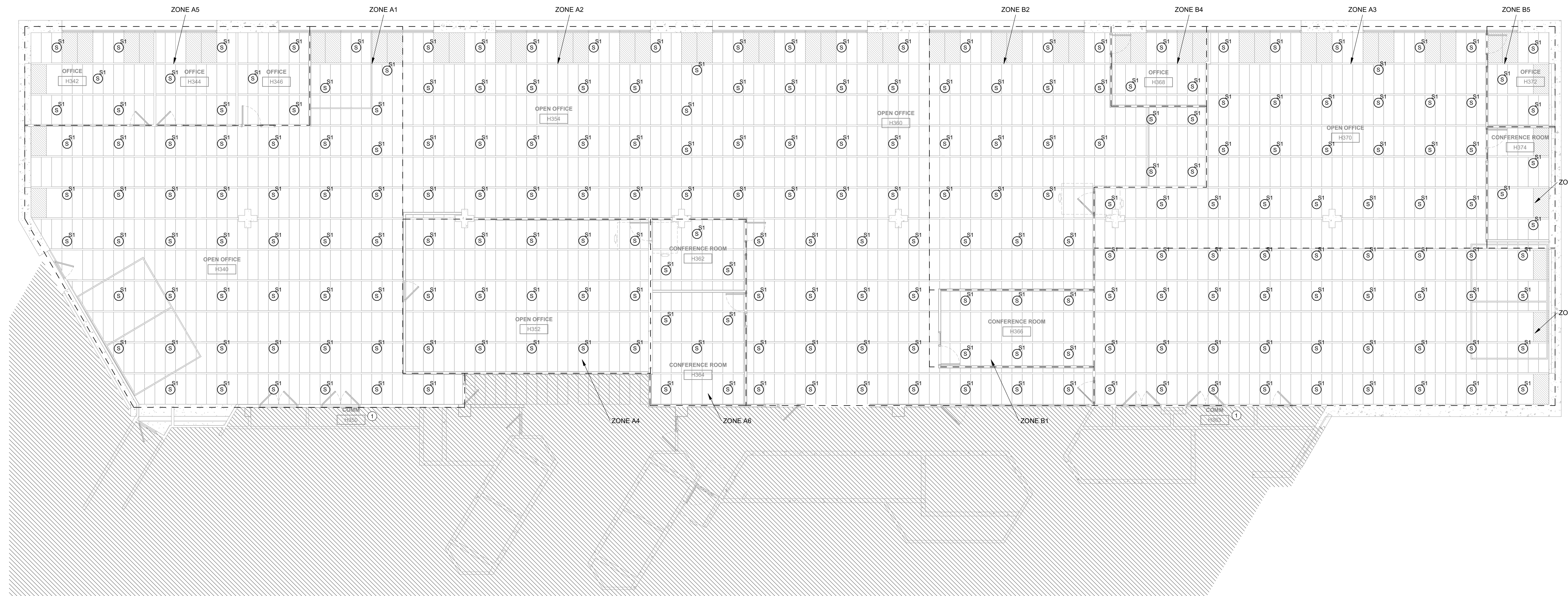
- GENERAL NOTES**
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NEUMANN MONSON ARCHITECTS

PROJECT NAME
 9186.04 - DHS CC
 STRATEGIC
 SPACE PLANNING
 HOOVER 3RD
 FLOOR DEPT OF
 ADMIN SERVICES



KEY PLAN

OWNER
 STATE OF IOWA
 RFB No. 918604-01
 DAS No. 9186.04

PROJECT NO. 24.048

ISSUE

DATE	DESCRIPTION
07/17/2024	95% CONSTRUCTION DOCUMENTS
08/05/2024	95% CONSTRUCTION DOCUMENTS
08/22/2024	100% CONSTRUCTION DOCUMENTS

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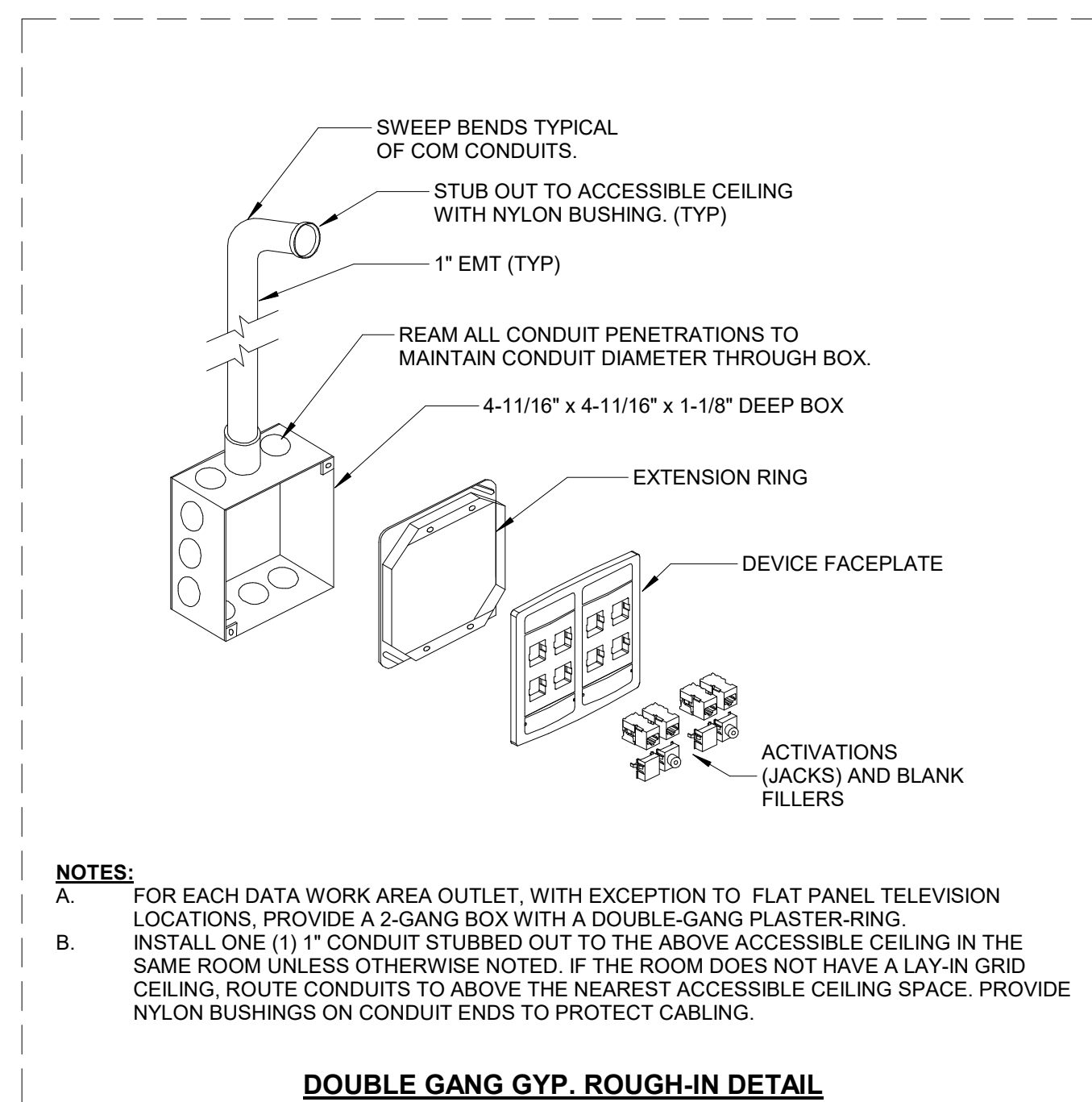
SHEET NAME
 THIRD LEVEL
 TECHNOLOGY
 SOUND MASKING
 PLAN

SHEET NUMBER

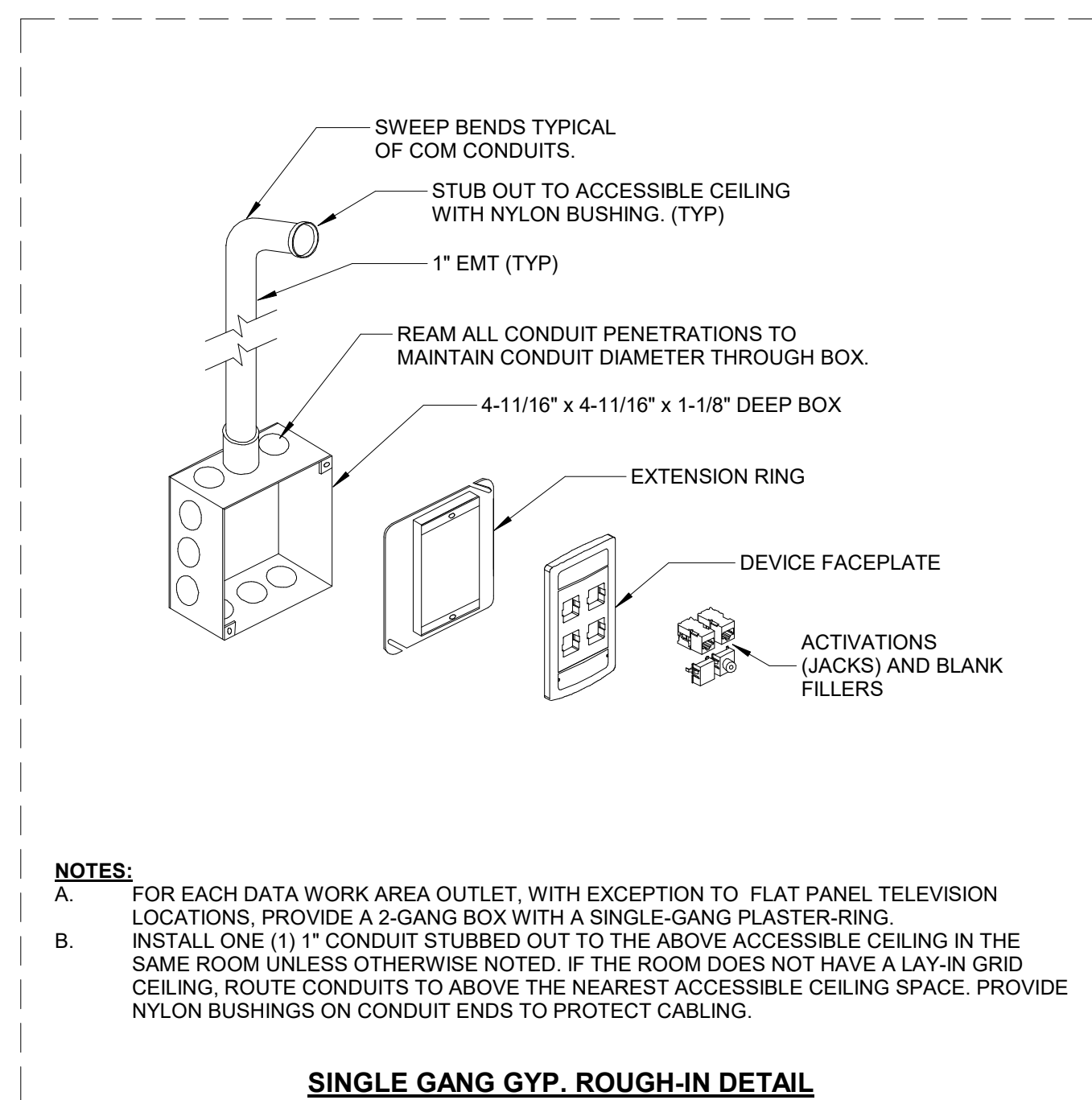
T-203

1 THIRD LEVEL TECHNOLOGY SOUND MASKING PLAN

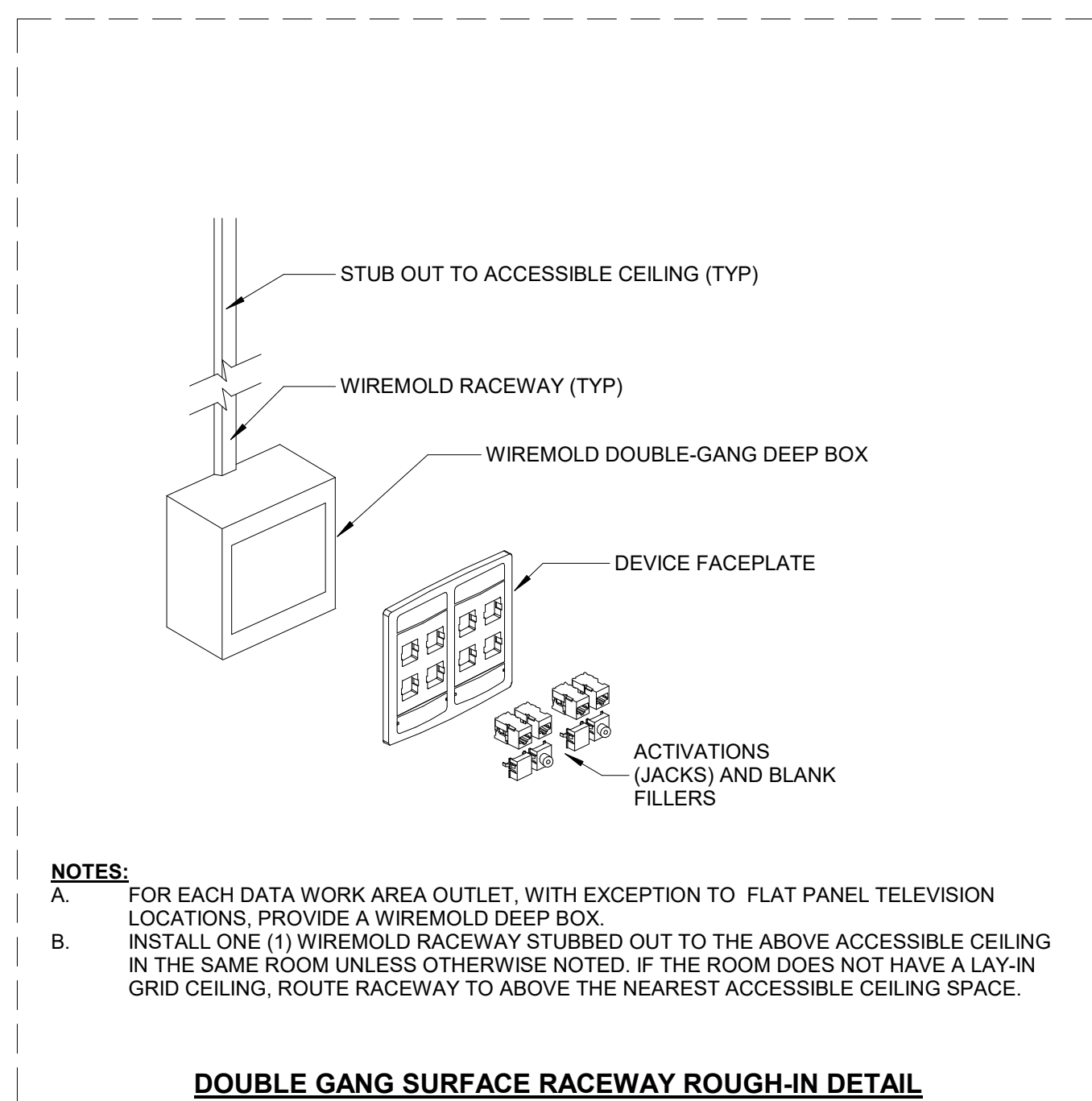
1/8" = 1'-0"



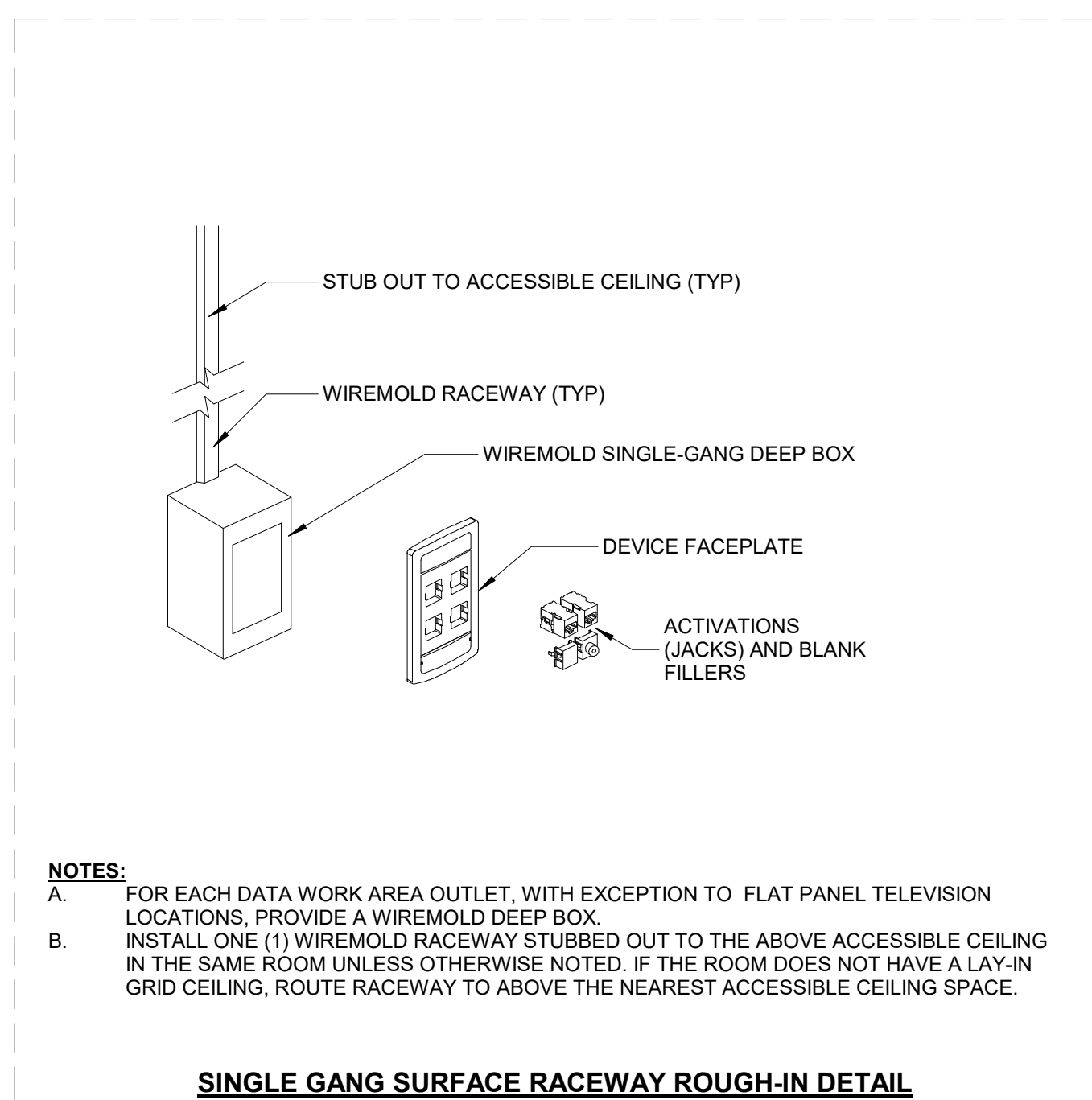
1 ROUGH-IN - GYP DOUBLE GANG DETAIL
1/8\"/>



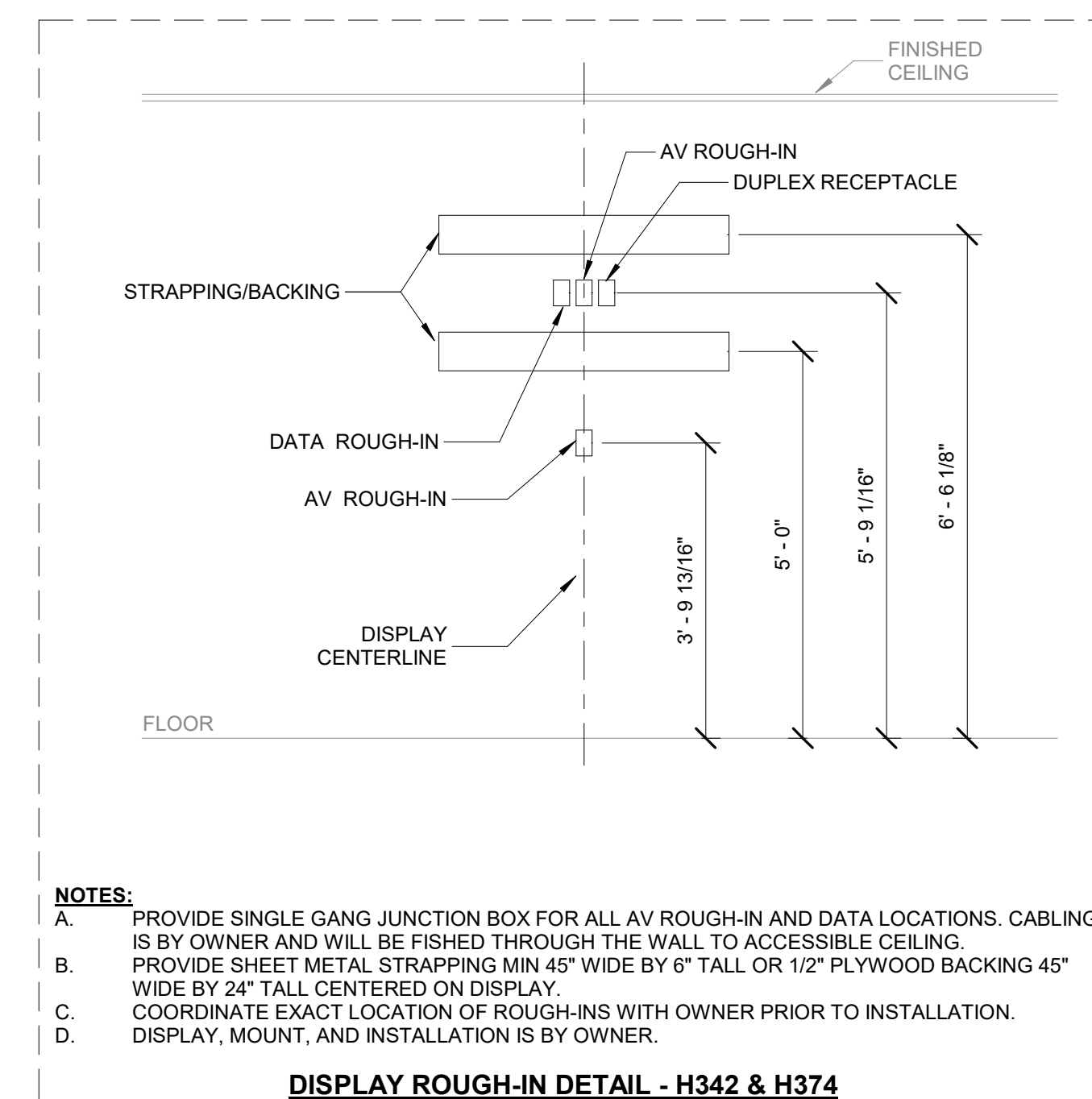
2 ROUGH-IN - GYP SINGLE GANG DETAIL
1/8\"/>



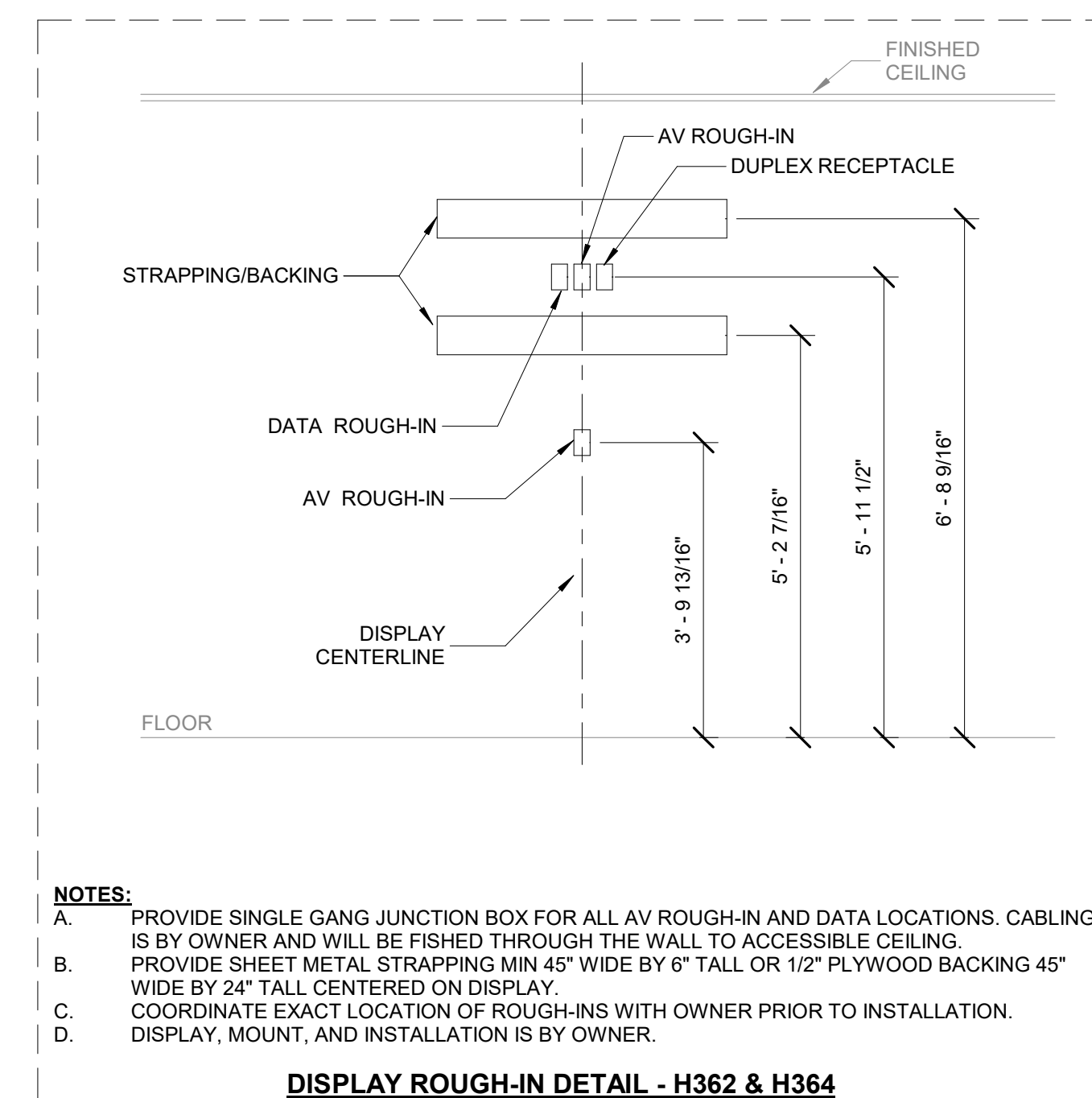
3 ROUGH-IN - WIREMOLD DOUBLE GANG DETAIL
1/8\"/>



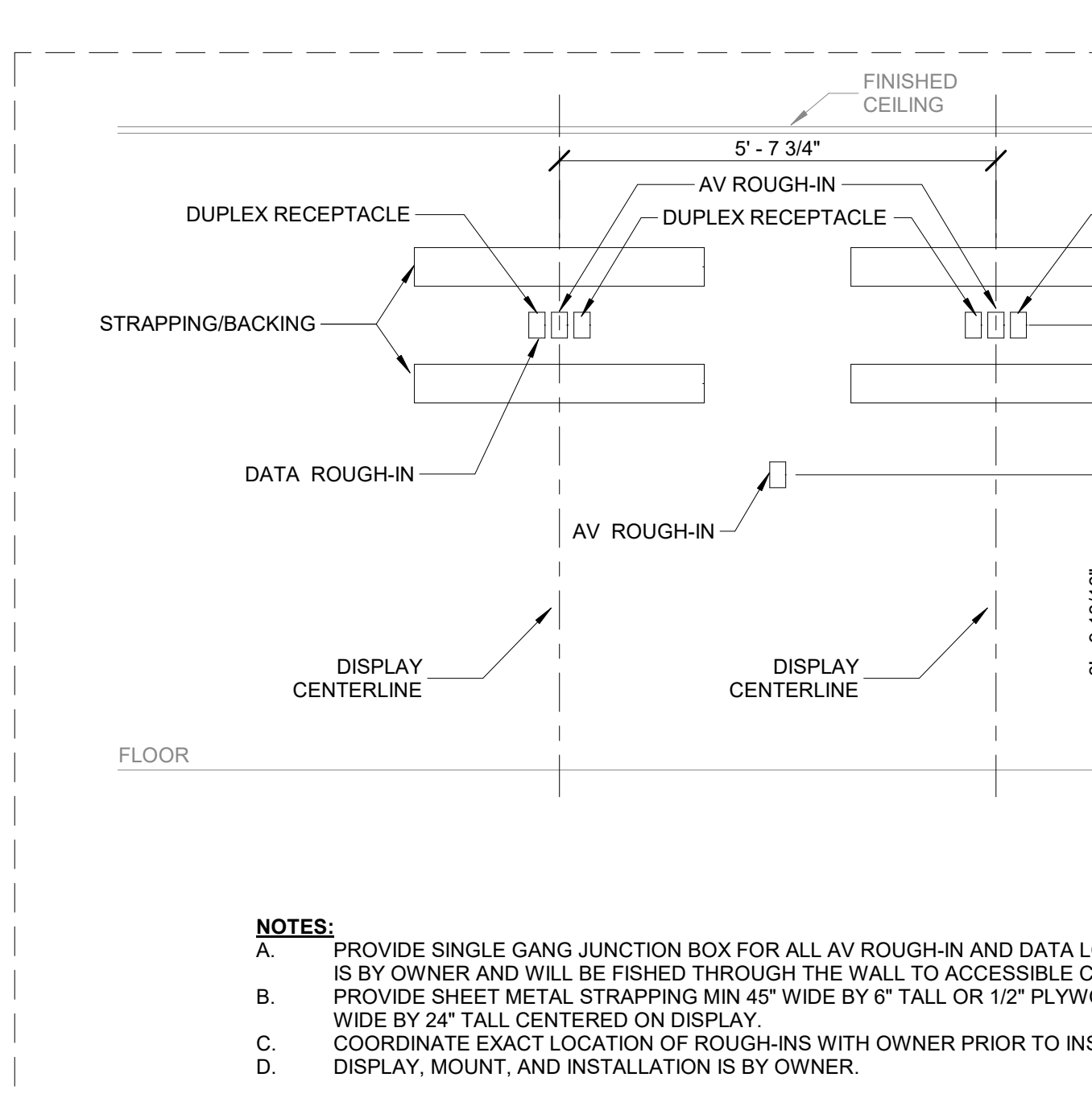
4 ROUGH-IN - WIREMOLD SINGLE GANG DETAIL
1/8\"/>



5 DISPLAY ROUGH-IN DETAIL - H342 & H374
1/2\"/>



6 DISPLAY ROUGH-IN DETAIL - H362 & H364
1/2\"/>



7 DISPLAY ROUGH-IN DETAIL - H366
1/2\"/>

ADD ALTERNATE #1

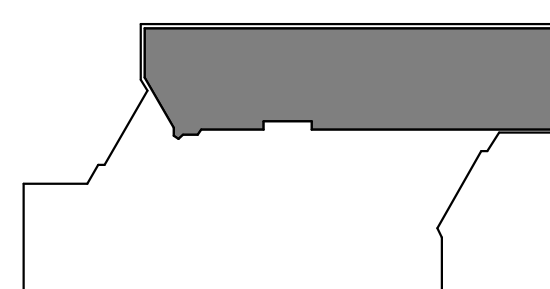
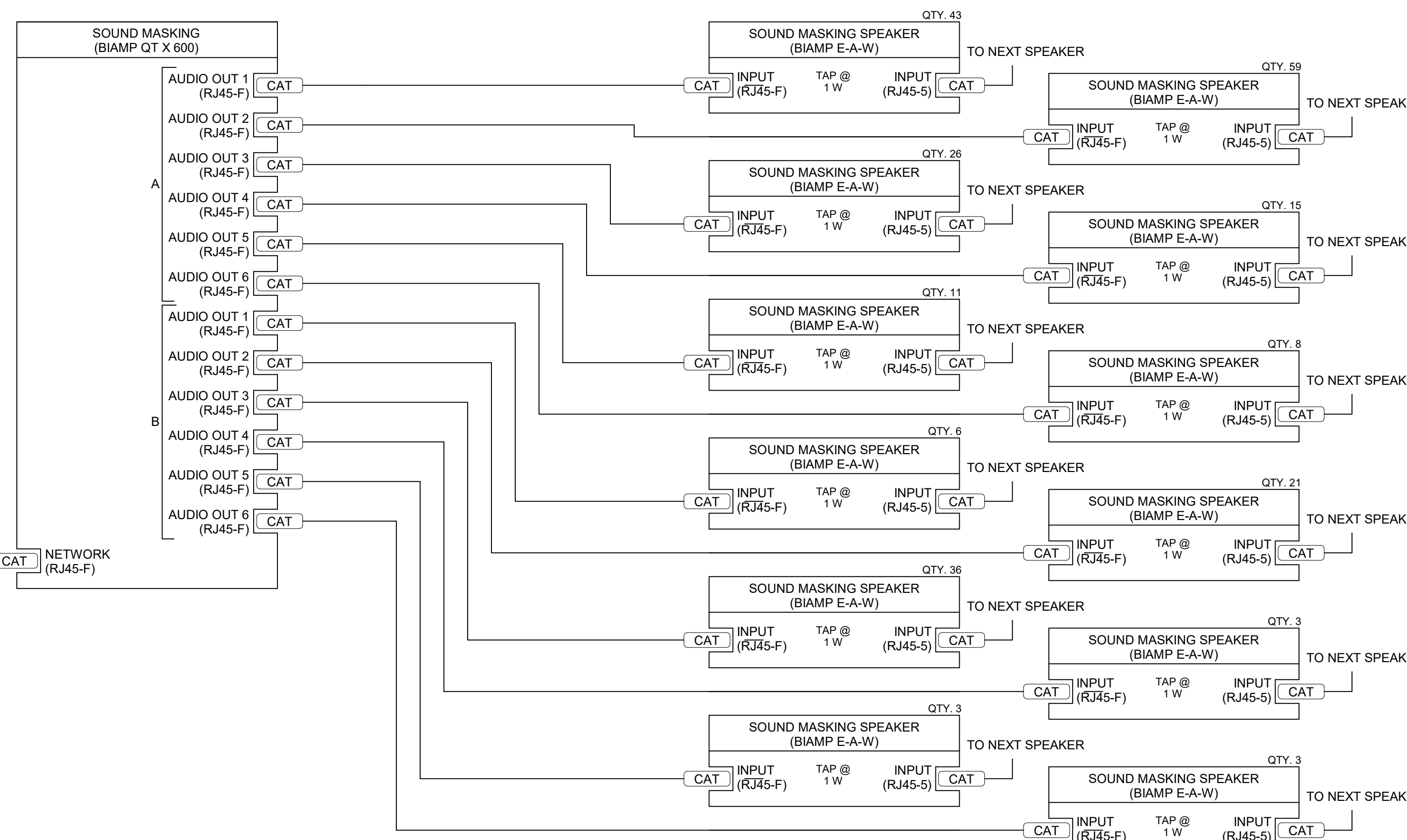
SOUND MASKING EQUIPMENT SCHEDULE

REFERENCE	MANUFACTURER	MODEL	DESCRIPTION
AMP	BIAMP	QT X 600	AMPLIFIER
S1	BIAMP	E-A-W	WHITE IN CEILING SPEAKER

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LOCAL NETWORK

8 SOUND MASKING SIGNAL FLOW
1/4\"/>



KEY PLAN

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STATE OF IOWA
RFB No. 918604-01
DAS No. 9188-04

PROJECT NO. 24.048

ISSUE
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07/17/2024 95% CONSTRUCTION DOCUMENTS
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08/22/2024 100% CONSTRUCTION DOCUMENTS

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SHEET NAME
**TECHNOLOGY
DETAILS**

SHEET NUMBER

T-300