

INTERIOR REMODEL FOR:



New Mexico State University
Room 129 Corbett Center
Las Cruces, NM

DRAWING INDEX

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BUILDING DATA

PROJECT DESCRIPTION:
INTERIOR REMODEL FOR NUSENDA CREDIT UNION.

LOCATION: CORBETT CENTER, NMSU
CORBETT CENTER STUDENT UNION BUILDING, NMSU
ROOM 129, LAS CRUCES, NM

APPLICABLE CODE: 2021 IBC

CONSTRUCTION TYPE: IIB w/ NFPA 13
NO STRUCTURAL CHANGES, FIRE SPRINKLER
SYSTEM TO BE MODIFIED AS NEEDED, SPRINKLER
DRAWINGS TO BE SUBMITTED SEPARATELY.

OCCUPANCY GROUP: B

PROJECT DATA

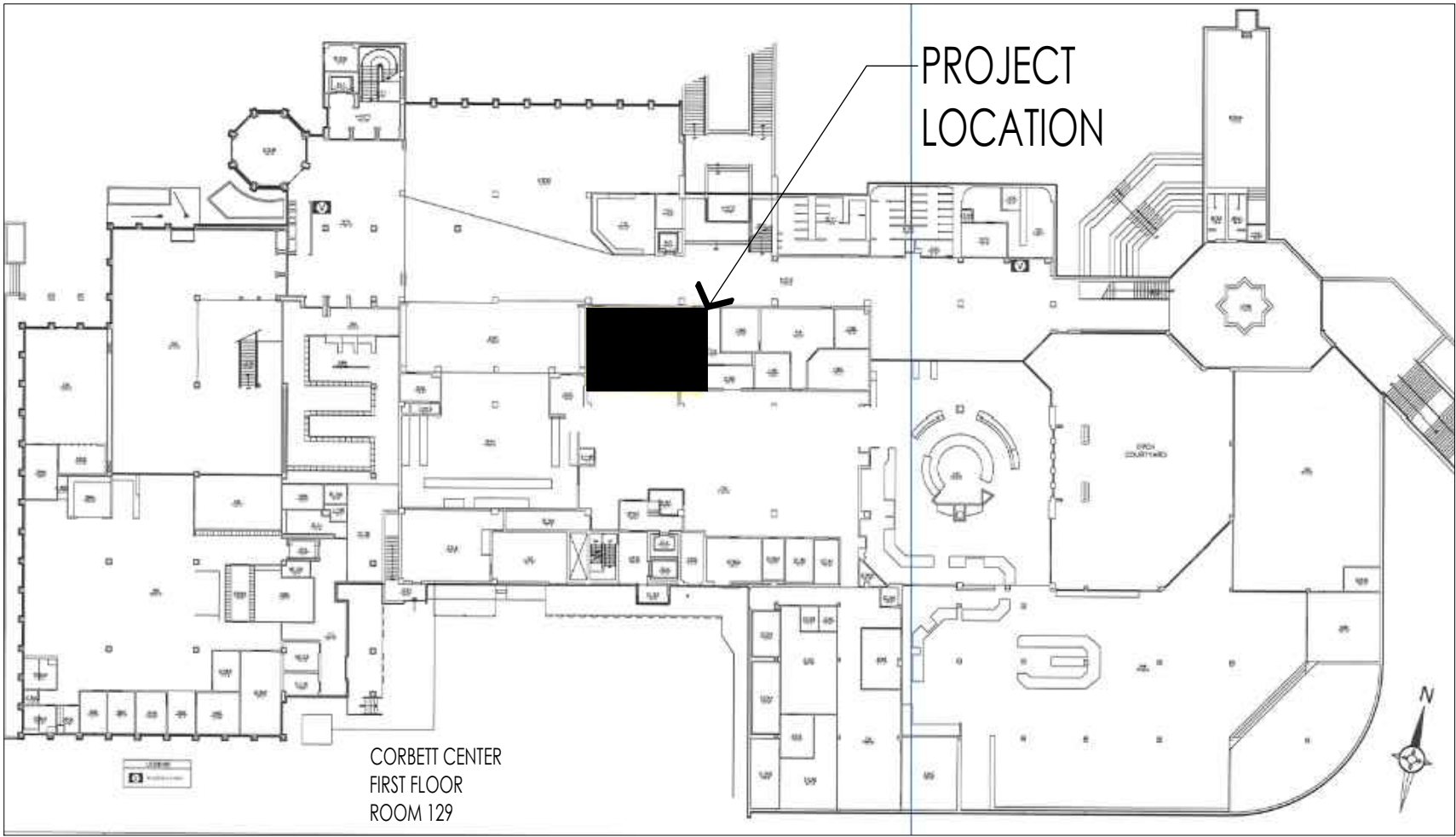
TENANT SPACE THIS PERMIT: 1084.5 S.F.

OCCUPANT LOAD (1084.5 / 100): 11

NUMBER OF EXITS REQUIRED (AND PROVIDED): 1

FIRE EXT. REQ'D AND PROVIDED: 1

PLUMBING FIXTURE CALCS:
THIS TENANT SPACE USES SHARED RESTROOM
FACILITIES ALREADY EXISTING IN THE UNM
STUDENT UNION BLDG.



project location
NO SCALE

INTERIOR REMODEL FOR:

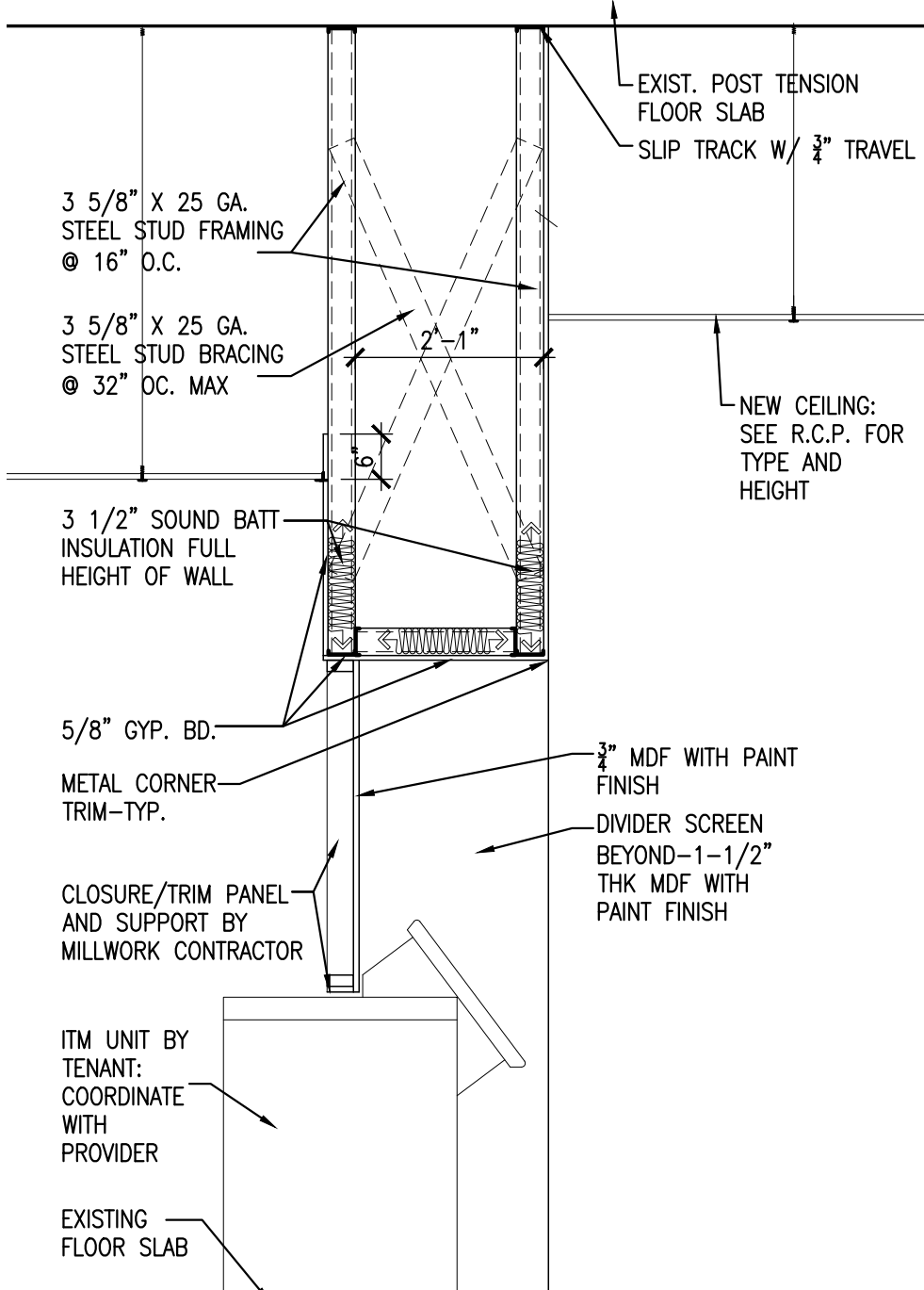


New Mexico State University
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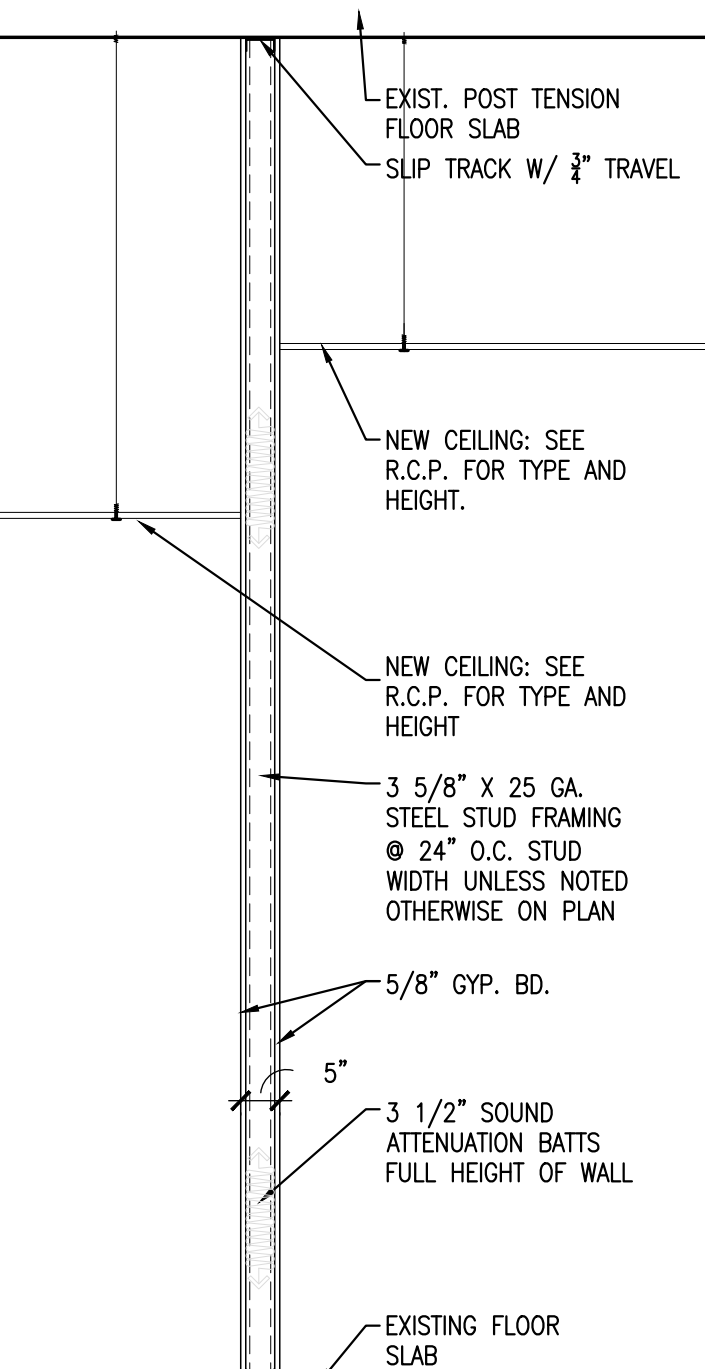
PRELIMINARY
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CONSTRUCTION

revisions

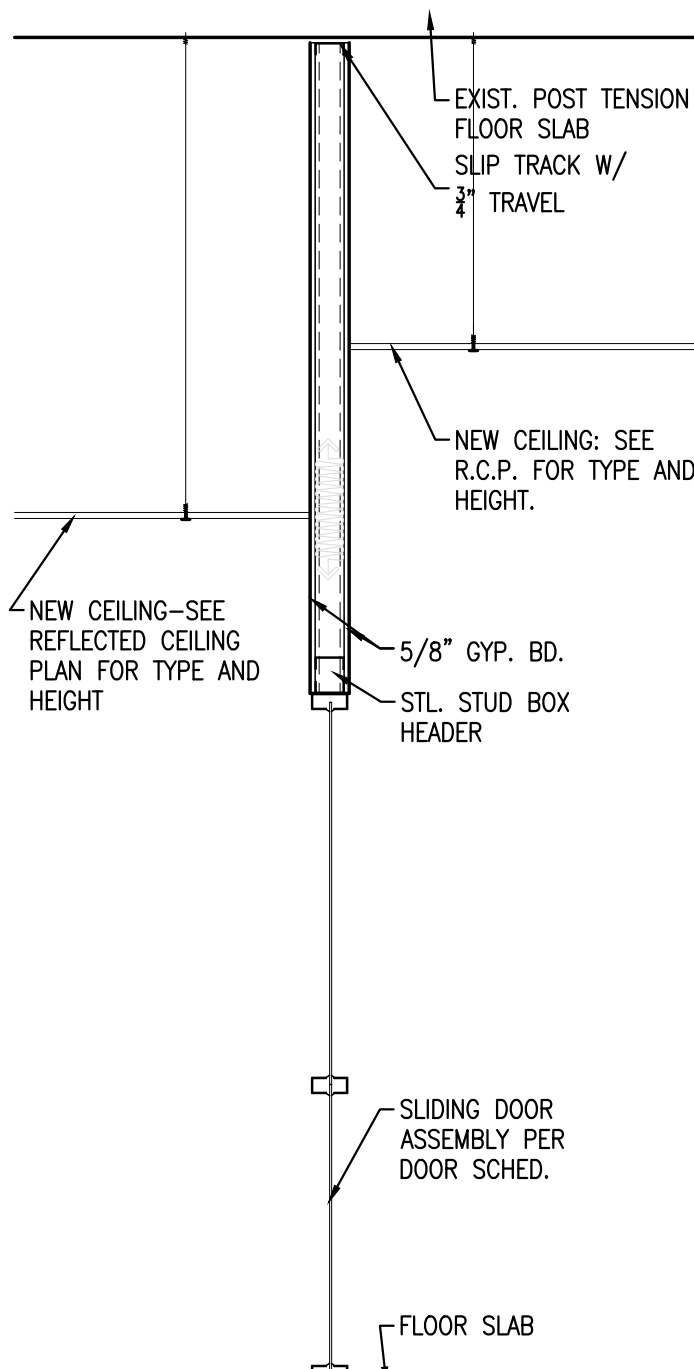
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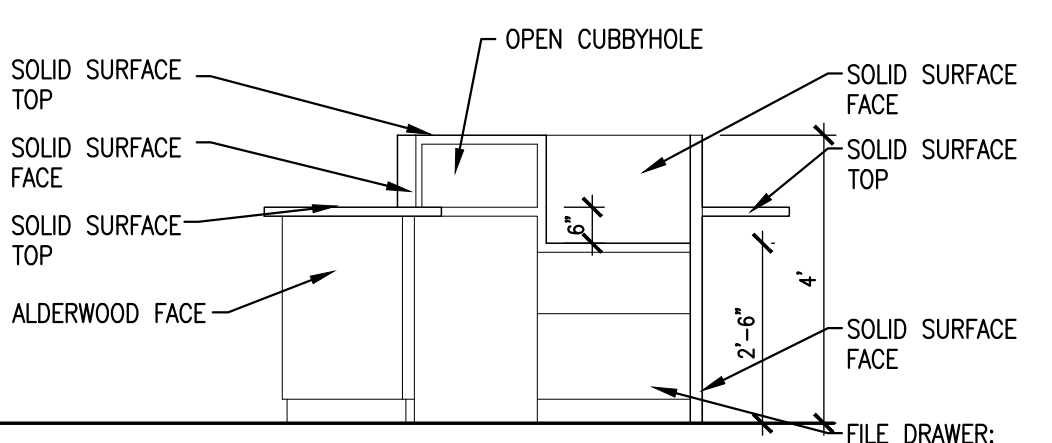
3	wall section
A100	1/2"=1'-0"



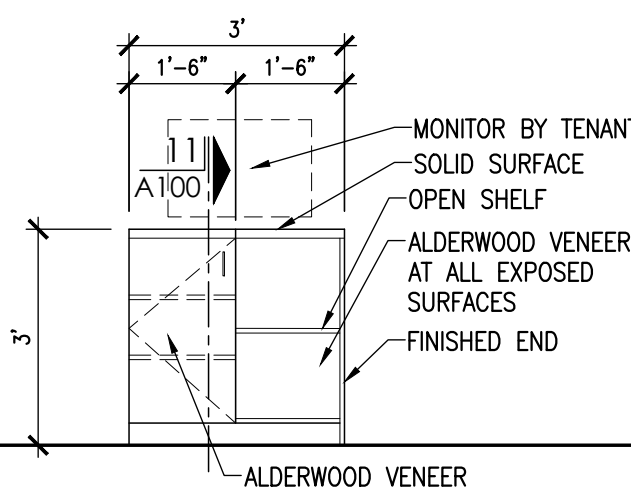
4	wall section
A100	1/2"=1'-0"



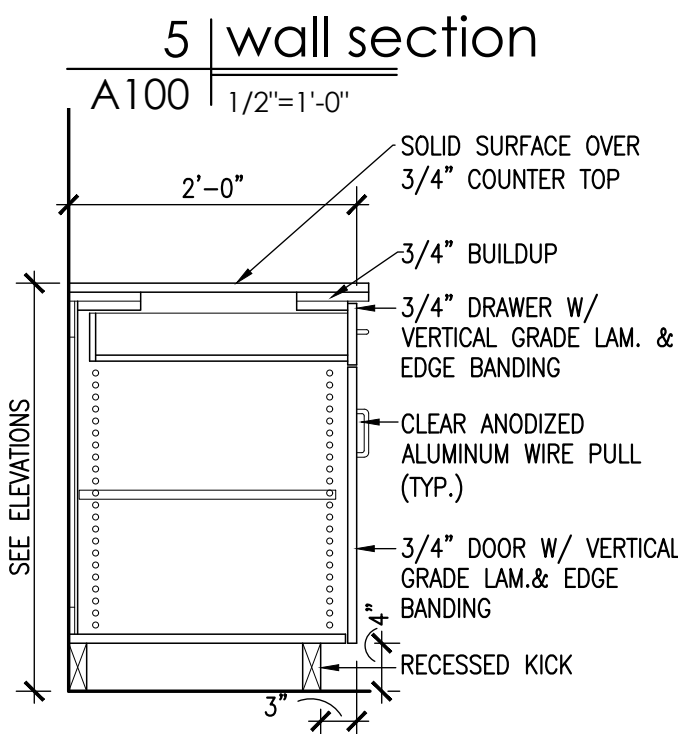
5 | wall section
100 | 1/2"=1'-0"



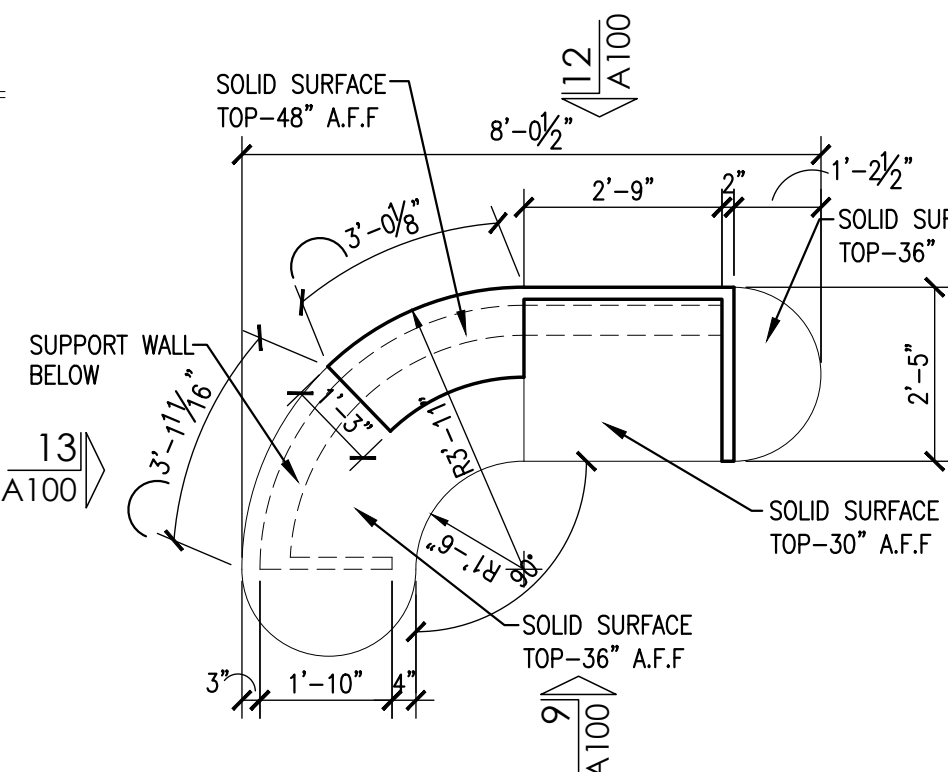
9	reception desk elevation
A100	3/8"=1'-0"



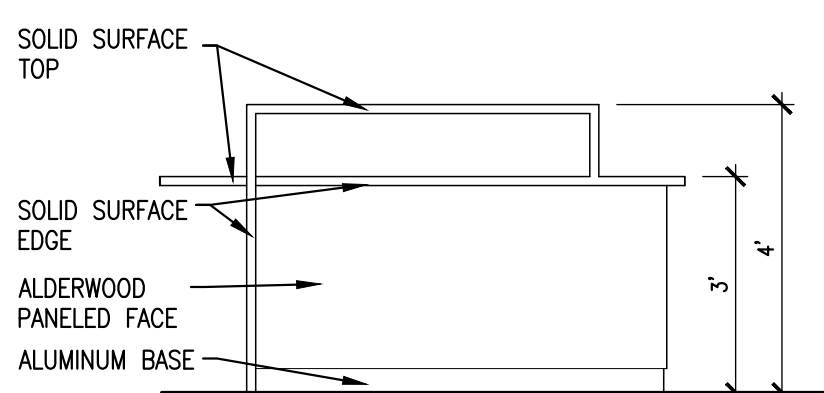
$$\frac{10}{A100} \mid \text{internet kiosk elev}$$



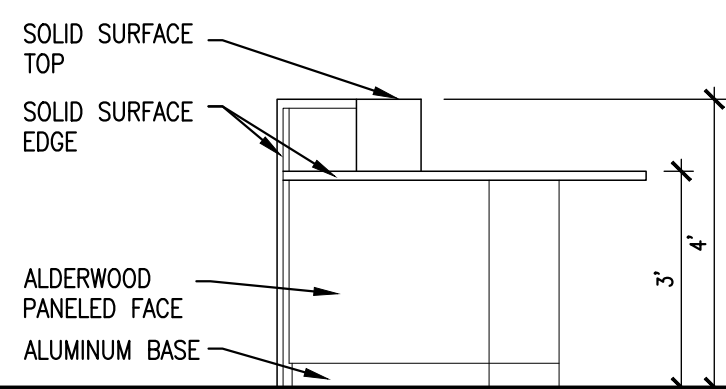
11 | cabinet section
A100 | 3/4"=1'-0"



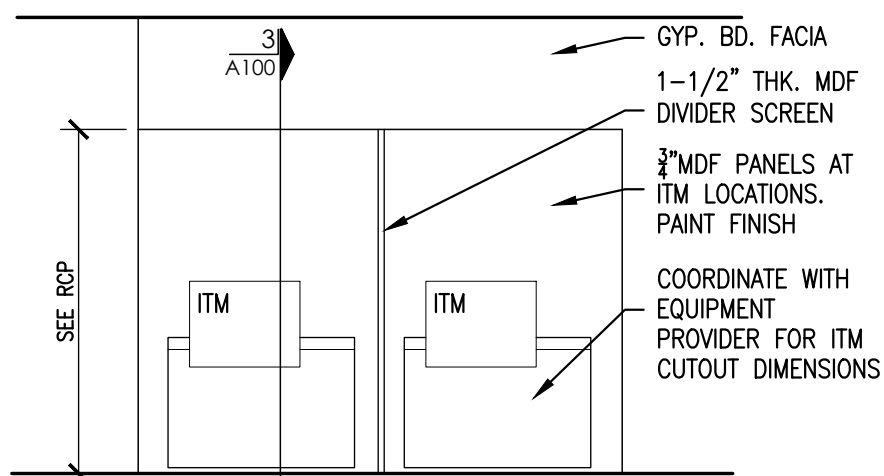
6	reception desk plan
A100	3/8"=1'-0"



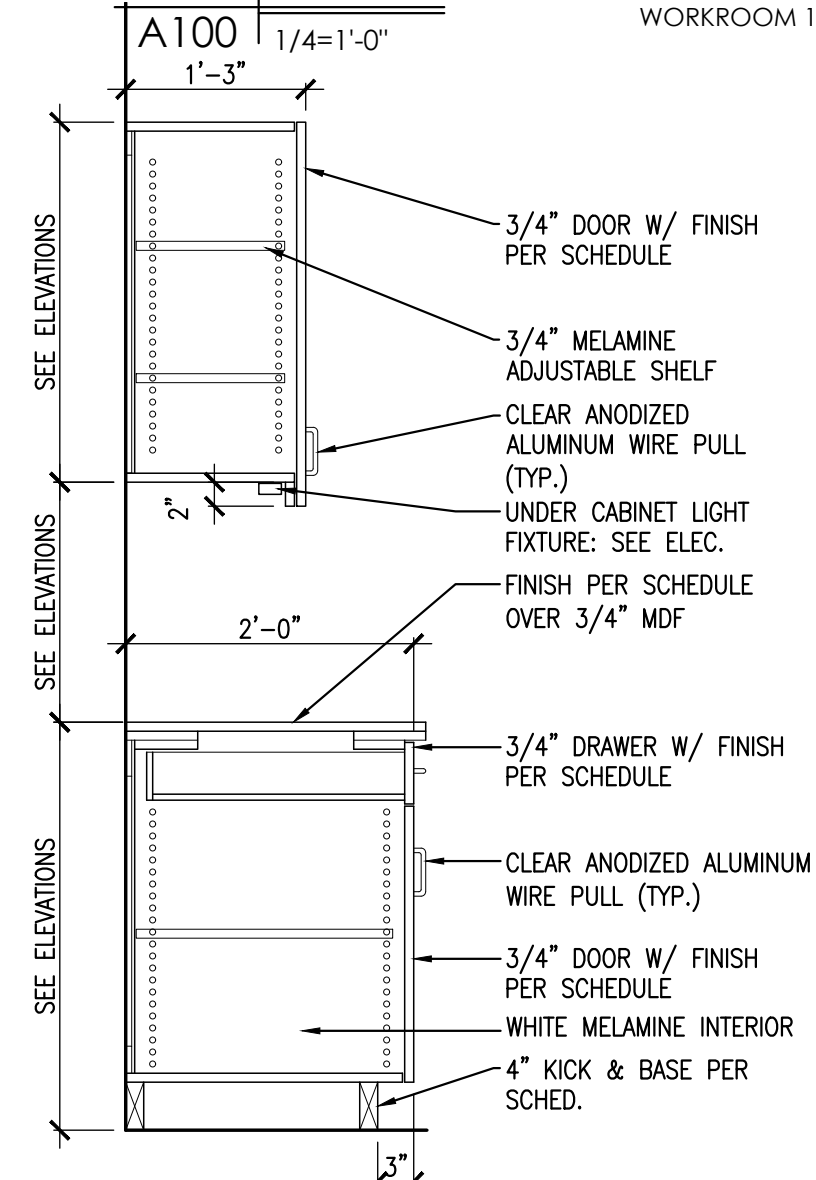
12	reception desk elevation
A100	3/8"=1'-0"



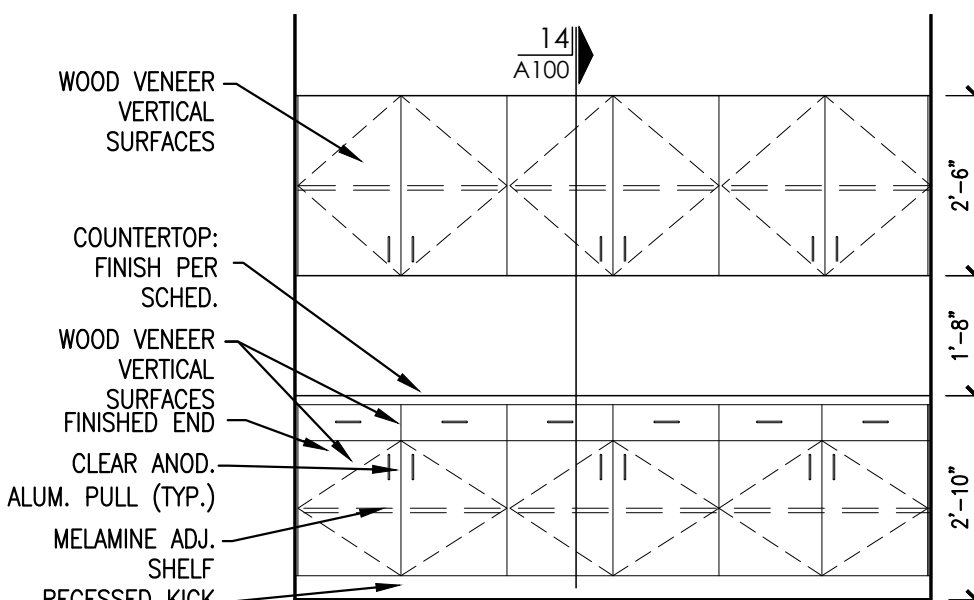
13	reception desk elevation
A100	3/8"=1'-0"



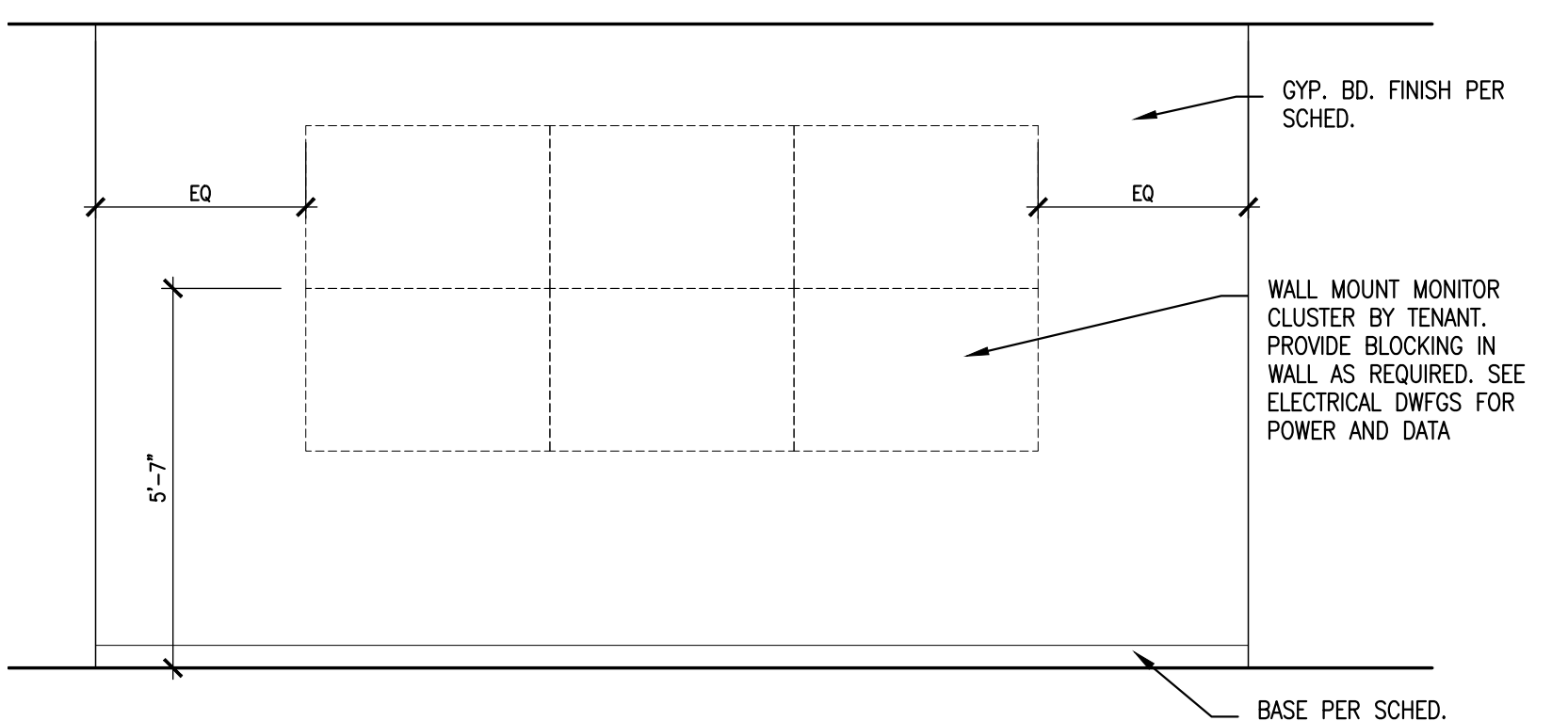
7	ITM elevation	
A100	$1/4 = 1'-0"$	WORKROOM 108



14 cabinet section
A100 3/4"=1'-0"



$$\frac{8}{A100} \text{ cabinet elevation}$$



15	interior elevation
A100	1/2"=1'-0"

FLOOR PLAN
DEMO PLAN

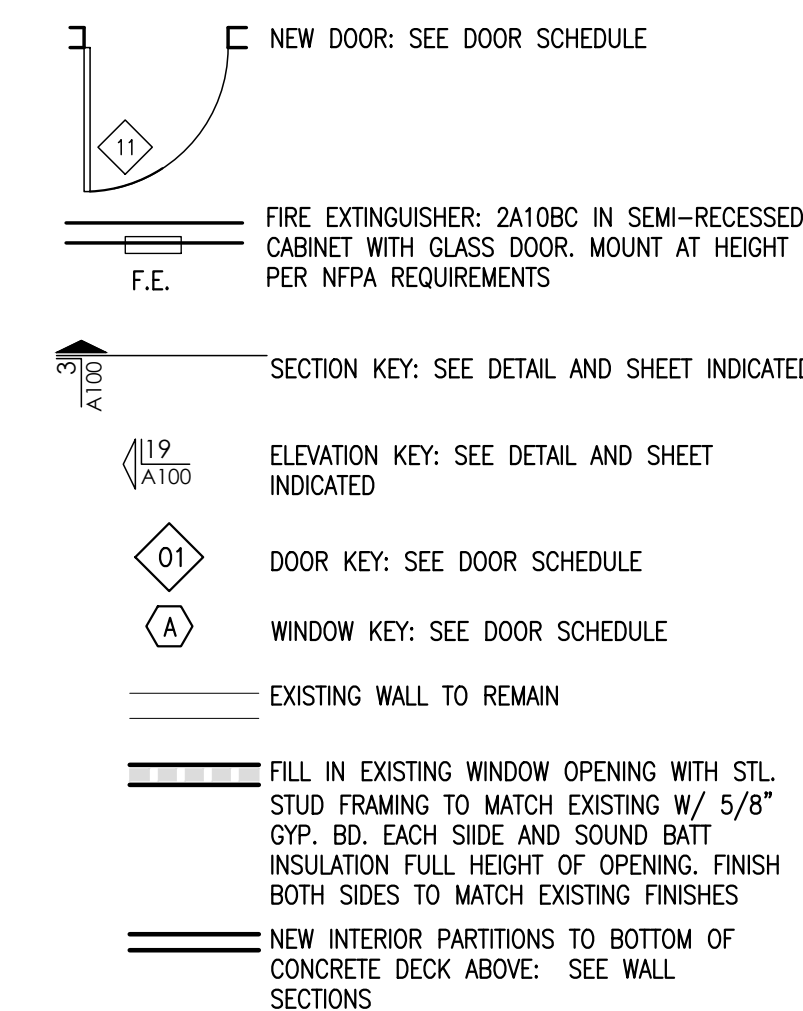
general notes:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
2. BANK EQUIPMENT SUPPLIED OTHERS - G.C. SHALL PROVIDE ALL ELECTRICAL, DATA, ALARM AND ANY OTHER CONNECTIONS REQUIRED FOR ALL BANK EQUIPMENT. COORDINATE INSTALLATION REQUIREMENTS FOR EACH PIECE OF EQUIPMENT WITH MANUFACTURER'S CUT SHEETS AND BANK EQUIPMENT SUPPLIER/INSTALLER.

fire sprinkler note:

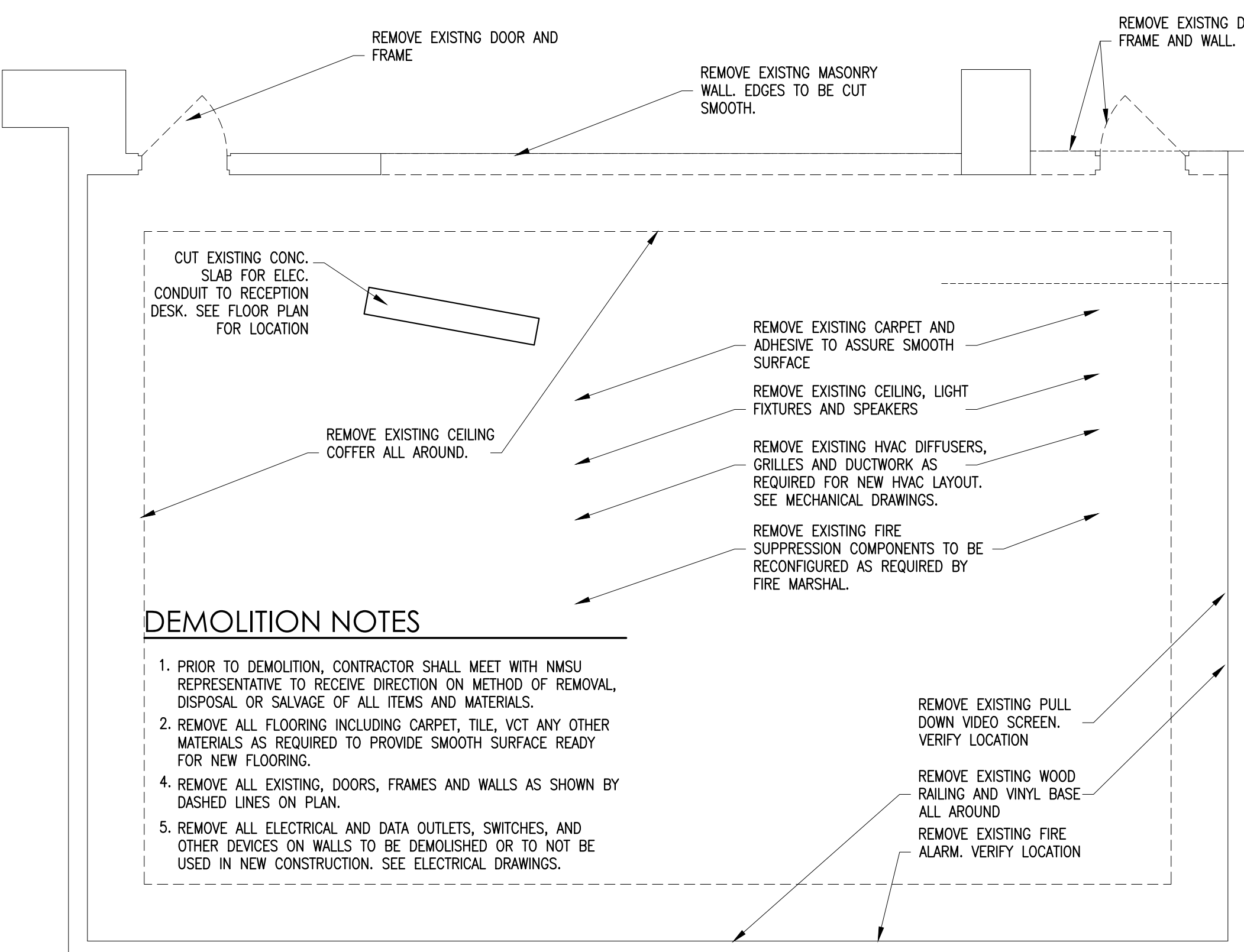
FIRE SPRINKLER SYSTEM IS EXISTING. RELOCATE, REMOVE AND ADD HEADS AS REQUIRED TO MEET FIRE CODE. SPRINKLER MODIFICATIONS SHALL BE DONE BY A QUALIFIED FIRE SPRINKLER CONTRACTOR, WHO SHALL PREPARE SHOP DRAWINGS FOR APPROVAL BY THE FIRE MARSHAL PRIOR TO BEGINNING WORK.

FLOOR PLAN LEGEND

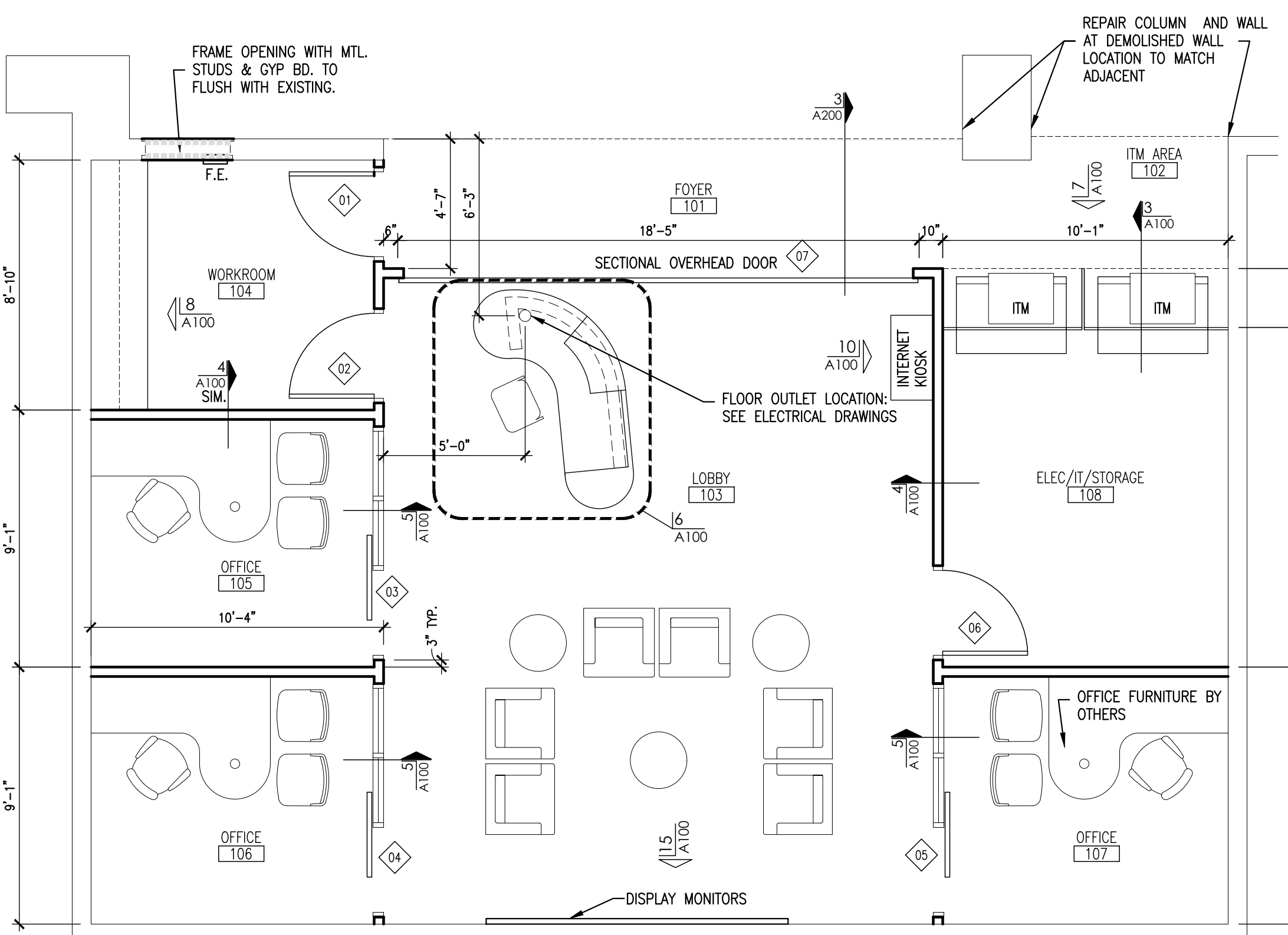


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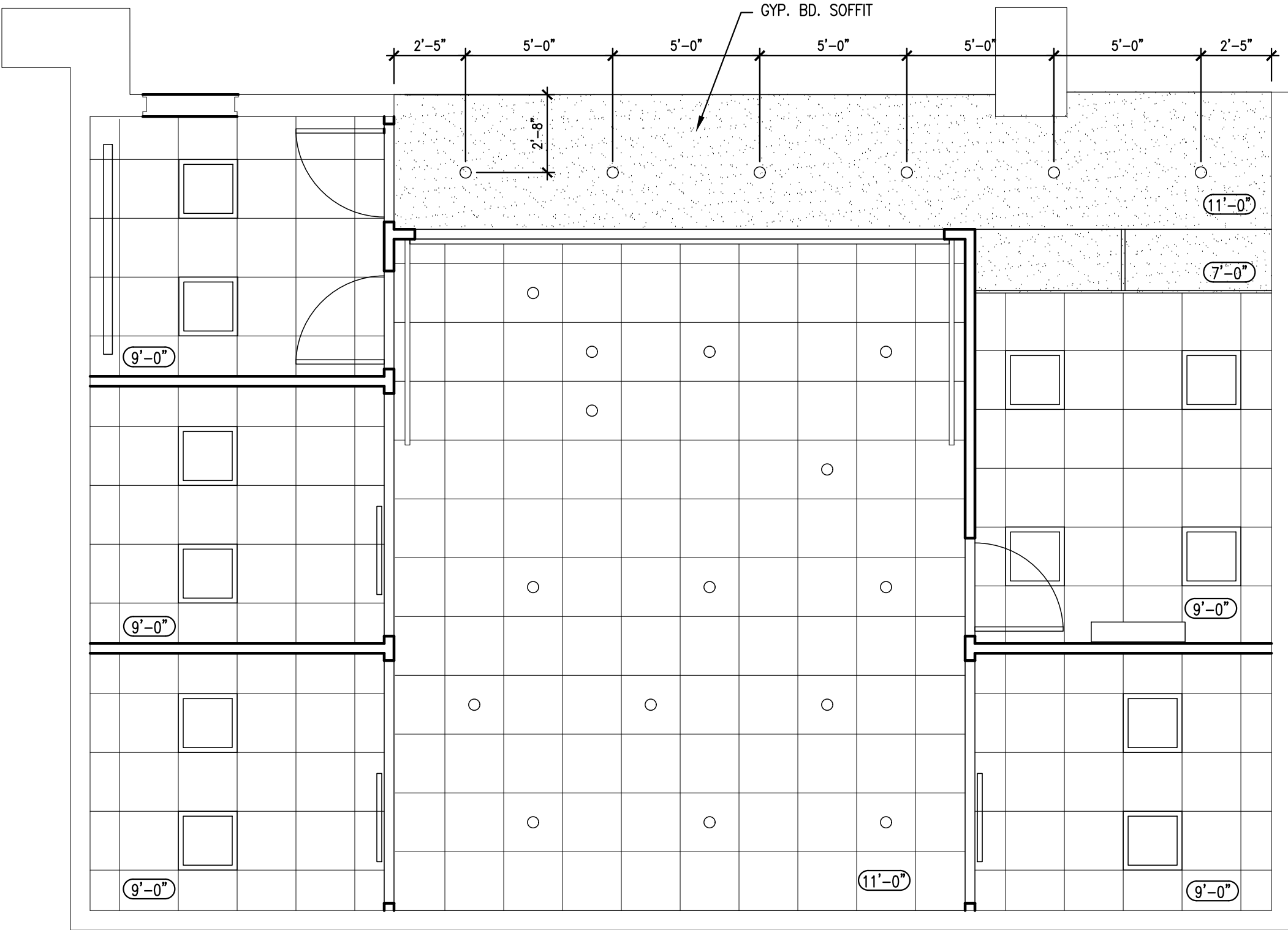
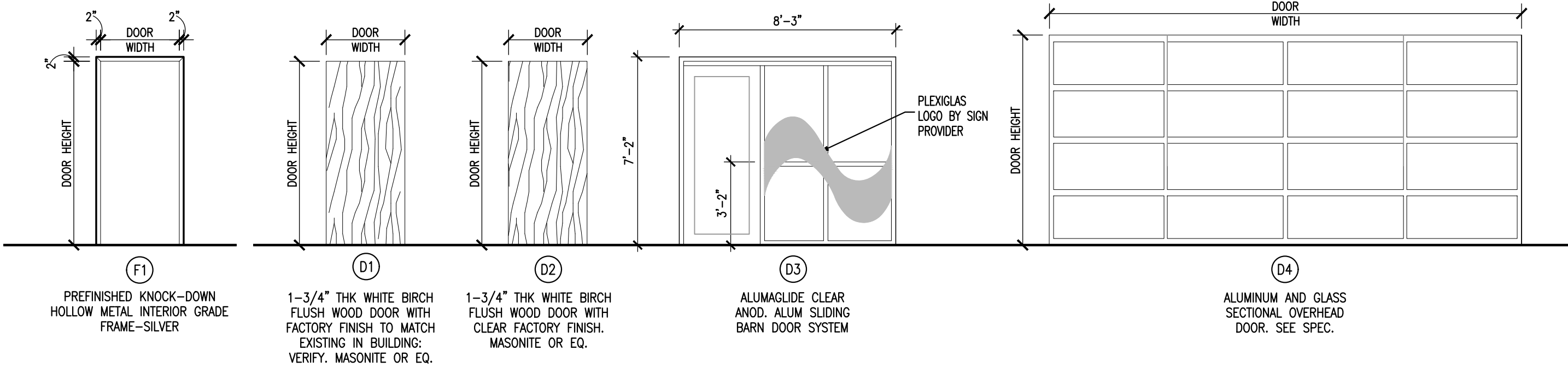


2 | demolition floor plan



1 | floor plan
A100 | 1/4"=1'-0"

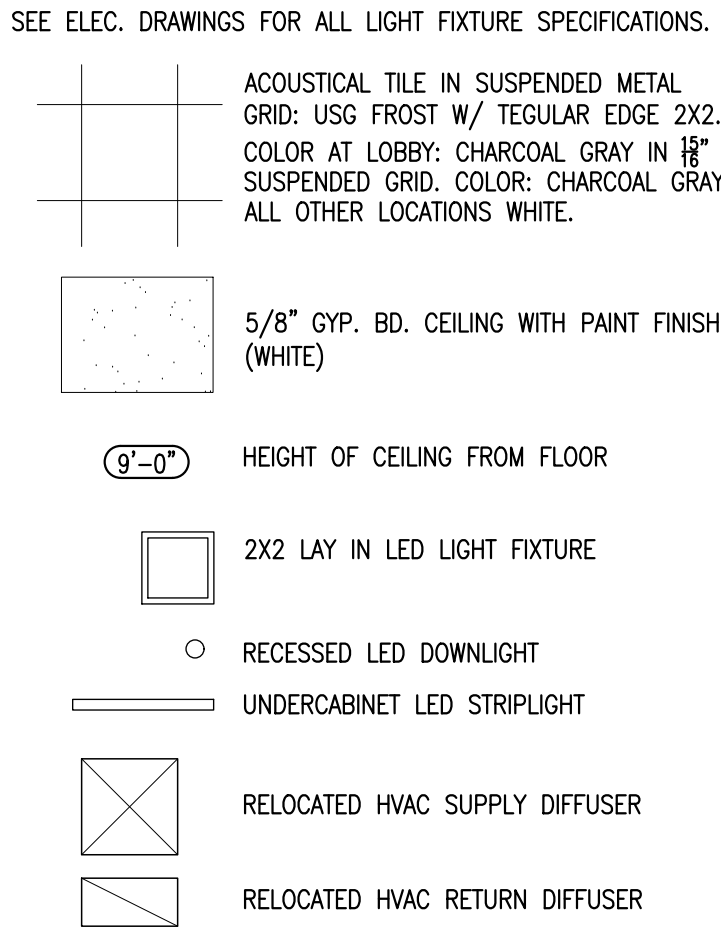
frame elevation door elevations



CEILING NOTES

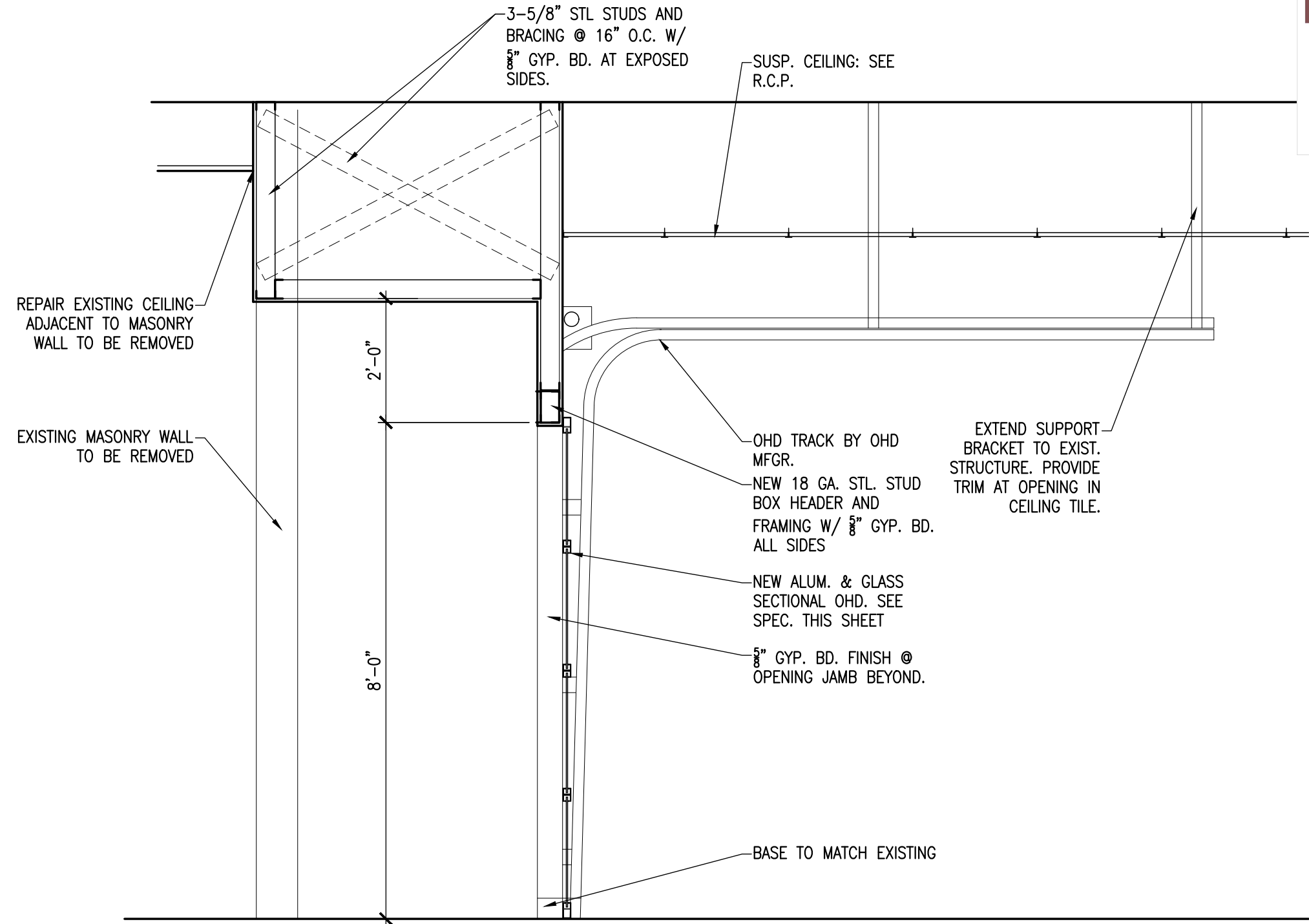
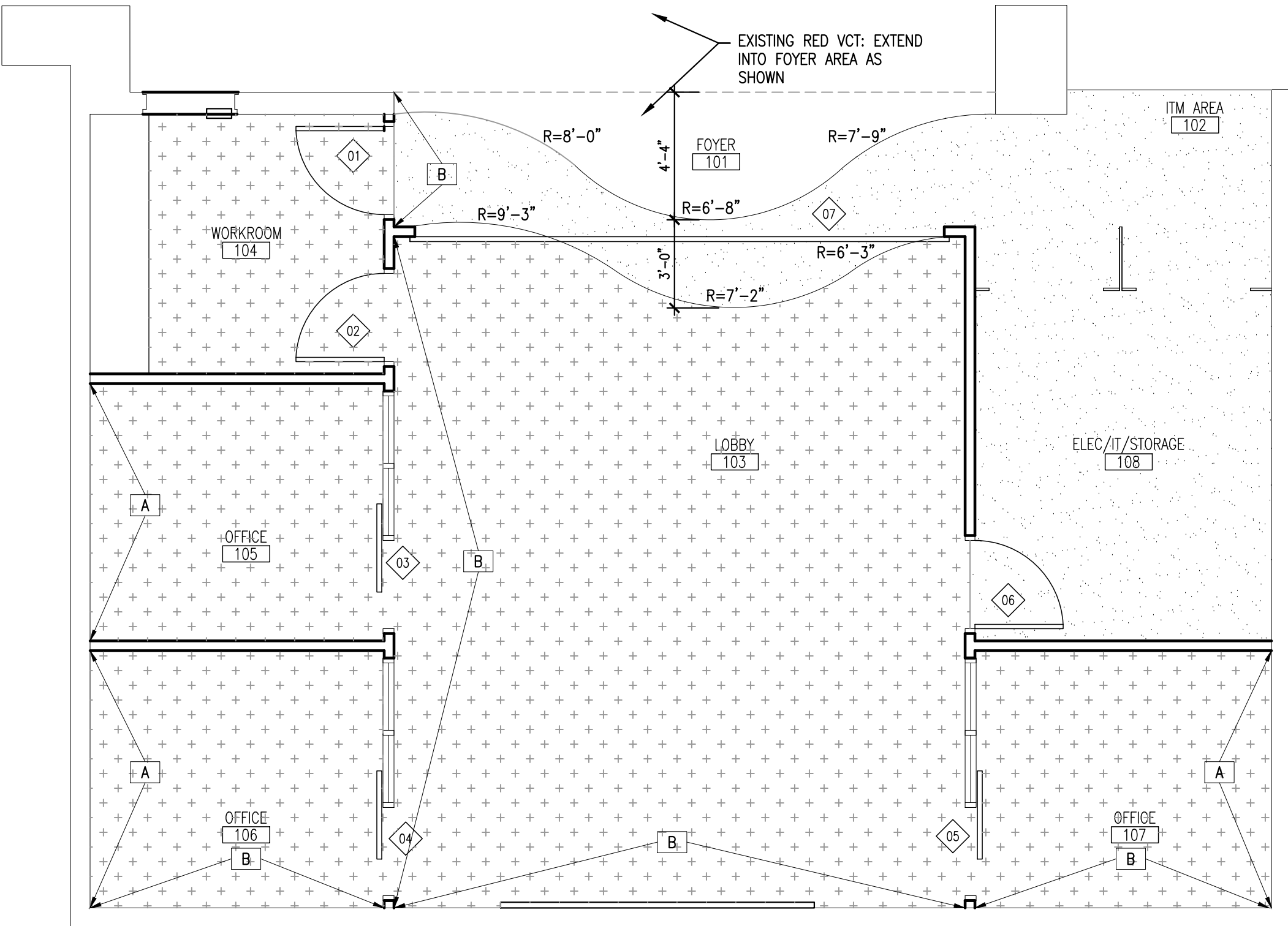
- ALL DIMENSIONS ARE FROM FACE OF STUD, OR CENTERLINE OF COLUMN UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS
- NO FLEXIBLE CONDUIT SHALL BE EXPOSED TO VIEW IN ANY LOCATIONS
- SEE ELECTRICAL DRAWINGS FOR SWITCH, EMERGENCY AND EXIT LIGHT LOCATIONS.
- SEE CASEWORK AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURES LOCATED IN CASEWORK

REFLECTED CEILING PLAN LEGEND



FINISH NOTES

- TRANSITION STRIP IS REQUIRED BETWEEN CONCRETE/CARPET, CERAMIC TILE/CARPET, RUBBER TILE/CARPET. PROVIDE SAMPLE FOR APPROVAL
- ALL NEW GYP BOARD FINISH SHALL BE LEVEL 5 SANDED FINISH.
- ALL EXISTING GYP BOARD SURFACES INSIDE THE SPACE SHALL BE SKIMMED AND SANDED SMOOTH TO LEVEL 5 FINISH.



sectional overhead door spec.

SECTIONAL OVERHEAD DOOR: OVERHEAD DOOR CORPORATION, MODEL 521s
CLEAR ANODIZED ALUMINUM STILES, SINGLE GLAZED CLEAR TEMPERED GLASS,
STANDARD STEEL TRACK, MANUAL OPERATION WITH LOCK.

door schedule

DOOR NO.	DOOR TYPE	DOOR SIZE	FRAME TYPE	HARDWARE	REMARK
01	D1	3'-0" x 7'-0"	F1	GROUP A	
02	D2	3'-0" x 7'-0"	F1	GROUP B	
03	D3	3'-0" x 7'-0"	MFR	GROUP C	
04	D3	3'-0" x 7'-0"	MFR	GROUP C	
05	D3	3'-0" x 7'-0"	MFR	GROUP C	
06	D2	3'-0" x 7'-0"	F1	GROUP B	
07	D4	18'-0" x 8'-0"	NO FRAME	MFR-SEE SPEC	

hardware groups

- BUTT HINGES, CLASSROOM LOCKSET, CLOSER, WALL STOP, CARD KEY ACCESS, ELECTRIC STRIKE(ASSA ABBLOY HES4500C)
- BUTT HINGES, CLASSROOM LOCKSET, WALL STOP, CARD KEY ACCESS, ELECTRIC STRIKE(ASSA ABBLOY HES4500C)
- SLIDING ALUMINUM DOOR: PROVIDE COMPLETE MANUFACTURER'S ADA COMPLIANT HARDWARE AND ACCESSORIES PACKAGE INCLUDING: WHEEL LOCK, LATCH, HANDLES, TUBULAR PULLS, SPEED REDUCER/AUTO RETRACT, BOTTOM TRACK AND UPPER TRACKS-FINISH ON ALL HARDWARE TO MATCH DOOR FRAME

door & window notes:

- PROVIDE TEMPERED SAFETY GLAZING OR FIRE-RATED GLAZING AT ALL LOCATIONS REQUIRED BY CODE. \square = TEMPERED GLAZING
- PROVIDE SHOP DRAWINGS AND PRODUCT SUBMITTALS FOR ARCHITECT'S REVIEW AND APPROVAL FOR ALL DOORS, WINDOWS, GLAZING, HARDWARE, & FINISHES. ALL DOOR AND WINDOW ROUGH OPENING SIZES SHALL BE COORDINATED WITH SHOP DRAWINGS FROM THE MANUFACTURER UNLESS NOTED OTHERWISE.
- ALL DOORS SHALL HAVE DOOR STOP & FRAME SILENCERS
- ALL HARDWARE FINISHES TO BE BRUSHED STAINLESS STEEL
- ALL HARDWARE TO HAVE THE ABILITY TO CHANGE CORES.

room finish schedule

		(SEE REFLECTED CEILING PLAN FOR ALL CEILING FINISHES)						
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				REMARKS
				N	E	S	W	
101	FOYER	F2 EXIST	B1	W1	W1	W1	W1	EXTEND EXISTING RED VCT INTO AREA SHOWN. PROVIDE TRANSITION STRIP AT F2 EDGE
102	ITM AREA	F2	B1	W1	W1	W1	W1	
103	LOBBY	F1 F2	B1	W1	W1	W1	W1	
104	WORKROOM	F1	B1	W1	W1	W1	W1	
105	OFFICE	F1	B1	W1	W1	W1	W1	
106	OFFICE	F1	B1	W1	W1	W1	W1	
107	OFFICE	F1	B1	W1	W1	W1	W1	
108	ELEC/IT/STORAGE	F2	B1	W1	W1	W1	W1	

key to finishes

KEY	MATERIAL	DESCRIPTION / SPECIFICATION
F1	CARPET TILE 1	MASLAND CARPET, CHA CHA EXCITE 88106, 24" SQUARE TILE
F2	POURED EPOXY RESIN	KEY RESIN QUARTZ B-125 SLATE. DO NOT INSTALL FINAL COAT OF POLYURETHANE. FINISH SHALL BE MORE SATIN THAN GLOSSY.
B1	4" VINYL WALL BASE	MOHAWK #122
W1	PAINTED GYP. BD.	COLORS KEYED ON PLAN

paint color key

KEY	COLOR
A	DUNN EDWARDS-NUSENDA GRAY
B	AGGIE BURGUNDY-VERIFY EXACT COLOR
	ALL SURFACES PAINTED WHITE (SW7004 SNOWBOUND) UNLESS NOTED OTHERWISE

date:
9-8-25
sheet:
A200

FLOOR PLAN
REFLECTED CEILING
PLAN

INTERIOR REMODEL FOR:



New Mexico State University
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Las Cruces, NM

PRELIMINARY
NOT FOR
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revisions

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2021 I.E.C.C. COMPLIANCE CERTIFICATE

PROJECT INFORMATION:

PROJECT TYPE: RENOVATION
PROJECT TITLE: NUSENDA CREDIT UNION ADDITION

GENERAL INFORMATION:

BUILDING LOCATION (FOR WEATHER DATA): LAS CRUCES, NEW MEXICO 88003
CLIMATE ZONE: 3B

COMPLIANCE STATEMENT:

WE THE OFFICE OF RBM ENGINEERING INC. ACKNOWLEDGE THE REQUIREMENTS OF THE 2021 INTERNATIONAL ENERGY CONSERVATION CODE AND HAVE INCORPORATED THE FOLLOWING HVAC REQUIREMENTS INTO THE DESIGN OF THE "ADDITION TO SILVER CITY DENTAL & ORTHODONTICS" PROJECT. DATE: JULY 2025

APPLICATION:

COMMERCIAL BUILDINGS SHALL COMPLY WITH 2021 IECC, C401.2.1 OR C401.2.2.
THIS PROJECT COMPLIES WITH C401.2.1 – 1. PRESCRIPTIVE COMPLIANCE. THE PRESCRIPTIVE COMPLIANCE OPTION REQUIRES COMPLIANCE WITH SECTIONS C402 THROUGH C406 AND SECTION C408. THIS COMPLIANCE CERTIFICATE APPLIES TO MECHANICAL CONTRACTOR/DESIGNER SECTIONS (C403, C408) AND THOSE SECTIONS NOTED IN THE 2021 NM COMMERCIAL ENERGY CODE NMAC 14.7.9 AS APPLICABLE TO MECHANICAL CONTRACTOR/DESIGNER SECTIONS.

C302.1 "INTERIOR DESIGN CONDITIONS" – THE INTERIOR DESIGN TEMPERATURES USED FOR HEATING AND COOLING LOAD CALCULATIONS SHALL BE A MAXIMUM OF 72°F (22°C) FOR HEATING AND MINIMUM OF 75°F (24°C) FOR COOLING.

C403.1.1 "CALCULATION OF HEATING AND COOLING LOADS" – DESIGN LOADS SHALL BE DETERMINED IN ACCORDANCE WITH THE PROCEDURES DESCRIBED N THE ASHRAE/ACCA STANDARD 183. ** LOAD CALCULATIONS WERE COMPLETED USING "TRANE – TRACE 700 HVAC LOAD DESIGN AND ANALYSIS SOFTWARE" **

C403.2 "SYSTEM DESIGN" – MECHANICAL SYSTEMS AND EQUIPMENT SERVING THE BUILDING HEATING, COOLING OR VENTILATING NEEDS SHALL COMPLY WITH SECTION C403.2 AND SECTIONS C403.2.1 THROUGH C403.2.3 AS APPLICABLE.

C403.3 "HEATING AND COOLING EQUIPMENT EFFICIENCIES" – HEATING AND COOLING EQUIPMENT INSTALLED IN MECHANICAL SYSTEMS SHALL BE SIZED IN ACCORDANCE WITH SECTION C403.3.1 AND SHALL BE NOT LESS EFFICIENT IN THE USE OF ENERGY THAN AS SPECIFIED IN SECTION C403.3.2.

C403.4 "HEATING AND COOLING SYSTEM CONTROLS" – EACH HEATING AND COOLING SYSTEM SHALL BE PROVIDED WITH CONTROLS IN ACCORDANCE WITH SECTIONS C403.4.1 THROUGH C403.4.5.

"EQUIPMENT AND SYSTEM SIZING" – HEATING AND COOLING EQUIPMENT AND SYSTEMS CAPACITY SHALL NOT EXCEED THE LOADS CALCULATED IN ACCORDANCE WITH SECTION C403.1.1.

"HVAC SYSTEM COMPLETION" – PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, THE DESIGN PROFESSIONAL SHALL PROVIDE EVIDENCE OF SYSTEM COMPLETION IN ACCORDANCE WITH 2021 NMCECC 14.7.9.12. *PROJECT IS LESS THAN CAPACITY NOTED AND THEREFORE SECTION C408 NOT REQUIRED.*

"DOCUMENTATION REQUIREMENT" – THE CONSTRUCTION DOCUMENTS SHALL REQUIRE THAT AN OPERATING AND MAINTENANCE MANUAL BE PROVIDED TO THE BUILDING OWNER BY THE MECHANICAL CONTRACTOR.

COMPLIANCE SIGNATURE:

ROCKY QUINTANA – DESIGNER
NAME – TITLE

Rocky Quintana
SIGNATURE

09.12.25
DATE

DUCT DESIGN METHOD

PROJECT INFORMATION:

PROJECT TYPE: RENOVATION
PROJECT TITLE: NUSENDA CREDIT UNION ADDITION

GENERAL INFORMATION:

BUILDING LOCATION (FOR WEATHER DATA): LAS CRUCES, NEW MEXICO 88003
CLIMATE ZONE: 3B

METHODOLOGY STATEMENT:

THE FOLLOWING – EQUAL FRICTION METHOD (EFM) IS THE CHOSEN DUCT DESIGN & CALCULATION METHOD USED IN SIZING ALL HVAC DX DUCTWORK FOR THE PROJECT. THE EFM IS USED FOR LOW-PRESSURE SYSTEMS FOUND IN COMMERCIAL BUILDINGS AND/IS WHAT IS RECOMMENDED BY THIS OFFICE (RBM ENGINEERING, INC.).

HVAC SYMBOL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
O.P.C.I.	OWNER PROVIDED, CONTRACTOR INSTALLED		RETURN OR EXHAUST DUCT UP.
	HVAC EQUIPMENT		SUPPLY DUCT DOWN.
	ROOF MOUNTED EXHAUST FAN.		RETURN OR EXHAUST DUCT DOWN.
	CEILING MOUNT EXHAUST FAN.		SIDEWALL SUPPLY AIR OUTLET
	VOLUME DAMPER.		SIDEWALL RETURN OR EXHAUST AIR OUTLET
	FIRE DAMPER.		CEILING DIFFUSER WITH FLEXIBLE DUCT
	THERMOSTAT.		CEILING RETURN OR EXHAUST GRILLE.
	PILOT SWITCH.		LONG RADIUS ELBOW WITH OUT VANES.
	CO2 SENSOR.		NEW TO EXISTING CONNECTION
	FLEXIBLE DUCTWORK.		KEYED NOTES
	RIGID DUCTWORK.		EQUIPMENT DESIGNATION
	DUCT TRANSITION.		
	SUPPLY AIR DUCT UP.		

DOCUMENT GENERAL NOTES:

- A. DRAWINGS ARE DIAGRAMMATIC. THEY ARE TO BE USED AS A GENERAL GUIDE AND ARE NOT INTENDED TO BE SPECIFIC INSTALLATION INSTRUCTIONS. CONTRACTOR SHALL CONSTRUCT ACCORDING TO CODE AND/OR MANUFACTURERS INSTALLATION INSTRUCTIONS.
- B. DRAWINGS ARE BASED UPON ORIGINAL BUILDING PLANS AND/OR FIELD OBSERVATIONS. CONTRACTOR MUST FIELD VERIFY EXACT LOCATIONS AND ROUTING OF: SEWER, GAS, AND WATER LINES.
- C. CONTRACTOR SHALL EXPECT TO MAKE SOME ROUTING ADJUSTMENTS DURING THE COURSE OF CONSTRUCTION. COORDINATE CHANGES WITH ARCHITECT AND KEEP RECORD OF CHANGES FOR FUTURE USE.

GENERAL NOTES:

- IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE ITEMS ON THESE PLANS WITH ANY/ALL SUB–CONTRACTORS. ITEMS LISTED ON PLANS SHALL BE PROVIDED & INSTALLED BY GENERAL CONTRACTOR AND/OR SUBCONTRACTOR. ITEMS LISTED AS "BY OTHERS" DOES NOT MEAN BY OWNER.

CONTRACTOR FAILURE TO NOT FOLLOW ALL LISTED NOTES AND/OR MEET THE REQUIREMENTS OF CODE REQUIREMENTS AND/OR MANUFACTURERS INSTALLATION GUIDELINES CAN AND MAY RESULT IN ADDITIONAL FEES/SURCHARGES TO THE CONTRACTOR(S) BY/TO OWNER–ARCHITECT–ENGINEER. IF CONTRACTOR(S) HAVE ANY QUESTIONS AND/OR VALUE ENGINEERING ITEMS THAT WOULD LIKE TO BE INCORPORATED INTO PLANS, SUCH ITEMS SHALL BE FORWARDED TO ARCHITECT FOR REVIEW AND ARE REQUIRED TO BE ISSUED PRIOR TO ANY BIDDING OR PRICE–QUOTE DEADLINES. ANY DISCREPANCIES AFTER AWARD/DURING CONSTRUCTION WILL RESULT THAT THE CONTRACTOR FOLLOW THE MORE STRINGENT INSTALLATION METHOD AND/OR MATERIAL TYPES AND SIZES, ETC., ETC.

HVAC GENERAL NOTES

- A. COMPLY WITH ALL LOCAL, COUNTY, STATE AND FEDERAL CODES, ORDINANCE, RULES AND REGULATIONS.
- B. ALL MECHANICAL WORK MUST BE COORDINATED WITH ARCHITECT, STRUCTURAL, AND ELECTRICAL PRIOR TO INSTALLATION.
- C. ALL BRANCH DUCTS SHALL BE FITTED WITH BALANCING DAMPERS.
- D. ALL DUCT TRANSITIONS TO BE FITTED WITH RADIUS FITTINGS. WHERE RADIUS FITTINGS WILL NOT FIT, TURNING VANES SHALL BE PROVIDED.
- E. TEST AND BALANCE ALL SYSTEMS SHOWN ON PLANS PER NEBB STANDARDS.
- F. DUCTWORK TO BE GALVANIZED STEEL SHEETS IN ACCORDANCE WITH "ASHRAE GUIDE AND SMACNA STANDARDS."
- G. SEAL ALL DUCT JOINTS WITH HIGH PRESSURE DUCT SEALER OR HARD CAST.
- H. INSULATE ALL SUPPLY & RETURN (ACU) DUCTWORK WITH 2.3" TYPE 75 FOIL FACED DUCT WRAP. INSTALLED R–6.
- I. ALL EXTERIOR DUCTWORK (SUPPLY/RETURN) TO BE INSULATED AND PROTECTED. EITHER INSTALL DUCT LINER OR INSTALL ALUMINUM JACKET TO DUCTWORK. INSTALLED R–8.
- J. RETURN DROP TO HAVE 1.5" INTERNAL MAT FACED DUCT LINER FOR INSULATING & ACOUSTICS IN ALL UNITS. LINER SHALL BE TREATED WITH AN EPA REGISTERED ANTI–MICROBIAL AGENT. INSTALL METAL NOSING ON EDGE OF DUCT LINER FACING TOWARDS AIRSTREAM.
- K. DUCT SIZES SHOWN ARE "CLEAR INSIDE" DIMENSIONS.
- L. EXACT PLACEMENT OF DIFFUSERS AND REGISTERS TO BE COORDINATED WITH ARCHITECTURAL AND ELECTRICAL DRAWINGS PRIOR TO INSTALLATION. CONTRACTOR SHALL VERIFY CEILING TYPES FOR AIR DISTRIBUTION PRIOR TO ORDERING.
- M. CONTRACTOR TO VERIFY LOCATION OF ALL AIR EQUIPMENT SO THAT NO INTERFERENCES ARE ENCOUNTERED WITH OTHER EQUIPMENT OR WITH THE STRUCTURAL ELEMENTS.
- N. MECHANICAL CONTRACTOR TO VERIFY THAT ALL DUCTWORK WILL FIT WHERE INDICATED WITHOUT INTERFERENCES.
- O. ALL SUPPLY AND RETURN DUCTS MUST DROP BETWEEN ROOF JOISTS (VERIFY BEFORE SETTING UNITS).
- P. ALL HVAC EQUIPMENT TO BE MOUNTED LEVEL ON EQUIPMENT CURBS UNLESS OTHERWISE NOTED. GROUND MOUNTED EQUIPMENT SHALL BE PROVIDED WITH AN EQUIPMENT PAD.
- Q. FOLLOW CODE GUIDELINES WHEN LOCATING POSITIONS OF EXHAUST OUTLETS, GAS FIRED EQUIPMENT FLUES, AND OUTSIDE AIR INTAKES. MINIMUM OF 10' AWAY OR 3' ABOVE ALL FRESH AIR INTAKES ON UNITS AND ALL VERTICAL PORTIONS OF BUILDING. REFER TO DRAWINGS FOR LOCATIONS.
- R. CONTRACTOR TO SHIM–LEVEL A/C UNITS.
- S. MECHANICAL CONTRACTOR TO INSTALL NEW (MERV–11) FILTERS IN ALL APPLICABLE HVAC UNITS AT BENEFICIAL OCCUPANCY PLUS ONE SET OF SPARE FILTERS.
- T. ALL METAL FLUES AND/OR CHIMNEYS FROM FOSSIL FUEL FIRED EQUIPMENT MOUNTED INSIDE THE BUILDING SHALL BE OF CONSTRUCTION, CONSISTENT WITH THE CLASSIFICATION OF THAT APPLIANCE. COORDINATE WITH CODE AND MANUFACTURERS RECOMMENDATIONS.
- U. ALL EQUIPMENT SHALL BE SELECTED AND EQUIPPED FOR OPERATION AT SITE ALTITUDE. DEMONSTRATE ALTITUDE CORRECTIONS IN EQUIPMENT SUBMITTALS. (4,000 FT.)
- V. INSULATE ALL CONDENSATE DRAIN PIPING BELOW ROOF. REFER TO SPECIFICATION FOR MORE INFORMATION.
- W. ALL HVAC UNITS SHALL BE INSTALLED WITH VIBRATION ISOLATORS AND DUCT FLEX CONNECTORS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
- X. PROVIDE BACK DRAFT DAMPERS AND BIRD SCREENS IN ALL EXHAUST SYSTEMS.
- Y. FABRICATION OF DUCTWORK SHALL BE BASED ON FIELD MEASUREMENTS. ADJUSTMENTS TO DUCT SIZES AND LAYOUT SHALL BE COORDINATED WITH THE ENGINEER.
- Z. ALL DEVIATIONS FROM SPECIFIED EQUIPMENT AND MATERIALS MUST BE APPROVED BY ARCHITECT/ENGINEER. SEE SUBSTITUTION LIMITATIONS AND PROCEDURES IN SPECIFICATION SECTION 01 6000–PROJECT REQUIREMENTS.
- AA. ILLUSTRATIONS SHOWN GENERALLY PROVIDED TO CONVEY CONCEPT AND ARE NOT INTENDED FOR AND DO NOT INCLUDE ALL DETAILS FOR ANY SPECIFIC INSTALLATION. ALL INSTALLATIONS MUST COMPLY WITH ALL APPLICABLE CODES.
- AB. THERMOSTATS SHALL BE CALIBRATED DURING TEST AND BALANCE AND SHALL BE DOCUMENTED IN THE TEST AND BALANCE REPORT.
- AC. ALL EQUIPMENT AND SUBSYSTEM SHALL BE PROVIDED WITH ISOLATION VALVES. PROVIDE UNIONS AS REQUIRED FOR REMOVAL OF MAJOR VALVES, CONTROL VALVES, AND EQUIPMENT WITHOUT CUTTING PIPE.
- AD. VERIFY ACCESS REQUIREMENTS OF ALL EQUIPMENT PRIOR TO FABRICATING DUCTWORK OR PIPING. ANY ITEM INTERFERING WITH UNIT ACCESSED SHALL BE MOVED AT THE CONTRACTORS EXPENSES.
- AE. PROVIDE ACCESS PANELS OR DOORS IN AN ACCESSIBLE CEILING AND/OR CHASES FOR ALL VALVES, TRAPS, DAMPERS, CLEANOUTS, COILS, FANS, CONTROLS, ETC. ACCESS DOOR RATING SHALL MATCH CLASSIFICATION OF WALL AND CEILING FIRE RATING. REFER TO PLANS FOR LOCATIONS.
- AF. "CALL BEFORE YOU DIG" REQUIREMENTS ON THE PLUMBING DRAWINGS SHALL APPLY TO HVAC RELATED PIPING SYSTEM.
- AG. GUARDS SHALL BE PROVIDED WHERE EQUIPMENT THAT REQUIRE SERVICE ARE LOCATED WITHIN 10' OF A ROOF EDGE OR OPEN SIDE OF A WALKING SURFACE AND SUCH EDGE OR OPEN SIDE IS LOCATED MORE THAN 30" ABOVE THE FLOOR, ROOF OR GRADE BELOW. THE GUARD SHALL EXTEND NOT LESS THAN 30" BEYOND EACH END OF SUCH APPLIANCE, EQUIPMENT, FAN OR COMPONENT AND THE TOP OF THE GUARD SHALL BE LOCATED NOT LESS THAN 42" ABOVE THE ELEVATED SURFACE ADJACENT TO THE GUARD. THE GUARD SHALL BE CONSTRUCTED SO AS TO PREVENT THE PASSAGE OF A 21"ø SPHERE.
- AH. PACKAGED AIR CONDITIONING EQUIPMENT (ACU'S) INSTALLED ON THE ROOF SHALL BE PROVIDED WITH FACTORY CURB. INSTALLATION OF CURB TO FOLLOW MANUFACTURERS GUIDELINES AND SHALL ALSO INCLUDE: 10" (MIN) OF KRAFT–FACED THERMAL BATT INSULATION PLACED INSIDE CURB BETWEEN THE UNIT & ROOF, AND PROVIDE BETWEEN FACTORY CURB & ROOF WITH 23/32" TREATED OSB SHEATHING FOR SOUND ATTENUATION.
- AI. DUCTS SHALL BE SUPPORTED WITH APPROVED HANGERS AT INTERVALS NOT EXCEEDING 10 FEET IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. FLEXIBLE AND OTHER FACTORY MADE DUCTS SHALL BE SUPPORTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- AJ. ALL WORK SHALL BE IN ACCORDANCE WITH:
INTERNATIONAL BUILDING CODE (IBC 2021)
NM PLUMBING CODE WITH UNIFORM PLUMBING CODE (UPC 2021)
NM MECHANICAL CODE WITH UNIFORM MECHANICAL CODE (UMC 2021)
INTERNATIONAL ENERGY CONSERVATION CODE (IECC 2021)
INTERNATIONAL FUEL GAS CODE
AMERICAN NATIONAL STANDARDS INSTITUTE
NFPA 101 LIFE SAFETY CODE



MECHANICAL GENERAL NOTES, LEGEND, SCHEDULES

INTERIOR REMODEL FOR:

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CREDIT UNION
New Mexico State University

Las Cruces, NM

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date:
09-12-2025
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M001



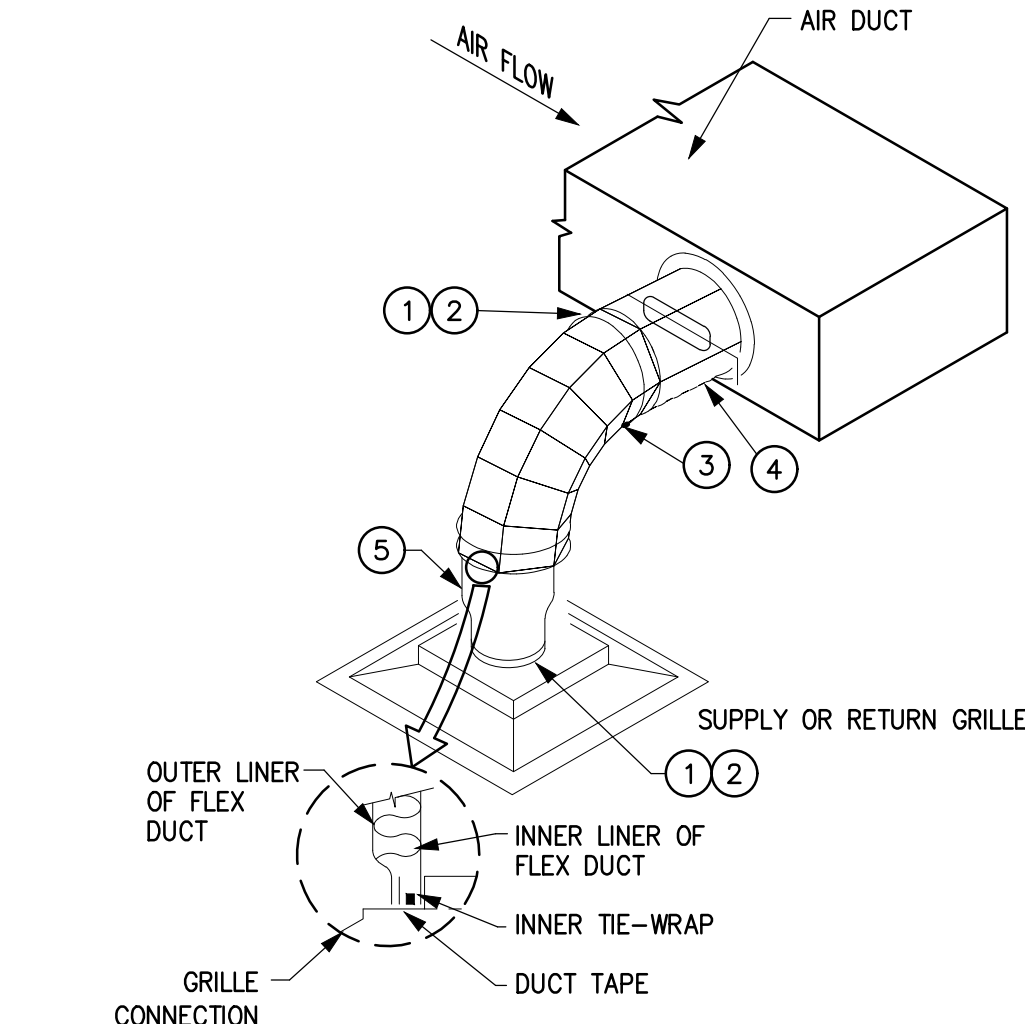
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RBM PROJECT: 25062

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SINGLE INLET VAV BOX UNIT SCHEDULE																
MARK	MANUFACTURER AND MODEL NO.	MIN CFM	MAX CFM	ELEV. FT.	AIR VALVE SIZE	APD AT MAX CFM	PRIMARY EAT °F	HEATING COIL							REMARKS	
								EAT °F	LAT °F	MBH	GPM	EWI °F	LWT °F	ΔP FT		ROW
TU-1	TRANE ####	250	760	4000	10"	0.06"	55	55	100	21	1.5	180	153	7.2	1	REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

DIFFUSER SCHEDULE				
MARK	MANUFACTURER MODEL NUMBER	AREA SERVED	DESCRIPTION	REMARKS
S1	PRICE-AMDA LOUVERED FACE SUPPLY	NUSENDA-OFFICE, STOREROOM, AND IT	SUPPLY	6"x6" / 24"x24" / AMDA, 4A / B12 / STYLE 36 RECTANGULAR COLLAR, W/OBD 4-WAY LAY-IN SURFACE MOUNT DIFFUSER, ALUMINUM, ADJUSTABLE PATTERN
S2	PRICE-AMDA LOUVERED FACE SUPPLY	NUSENDA-LOBBY	SUPPLY	9"x9" / 24"x24" / AMDA / 3A / B12 / STYLE 36 RECTANGULAR COLLAR, W/OBD 4-WAY LAY-IN SURFACE MOUNT DIFFUSER, ALUMINUM, ADJUSTABLE PATTERN
R1	PRICE-STYLE B1 EGG CRATE, LAY-IN RETURN	NUSENDA-OFFICE, STOREROOM, AND IT	RETURN	6"x6" 0" CORE, 1/2" SQUARE X 1" DEPTH, AL LAY-IN SURFACE MOUNT, ALUMINUM
R2	PRICE-STYLE B1 EGG CRATE, LAY-IN RETURN	NUSENDA-LOBBY	RETURN	12"x12" 0" CORE, 1/2" SQUARE X 1" DEPTH, AL LAY-IN SURFACE MOUNT, ALUMINUM

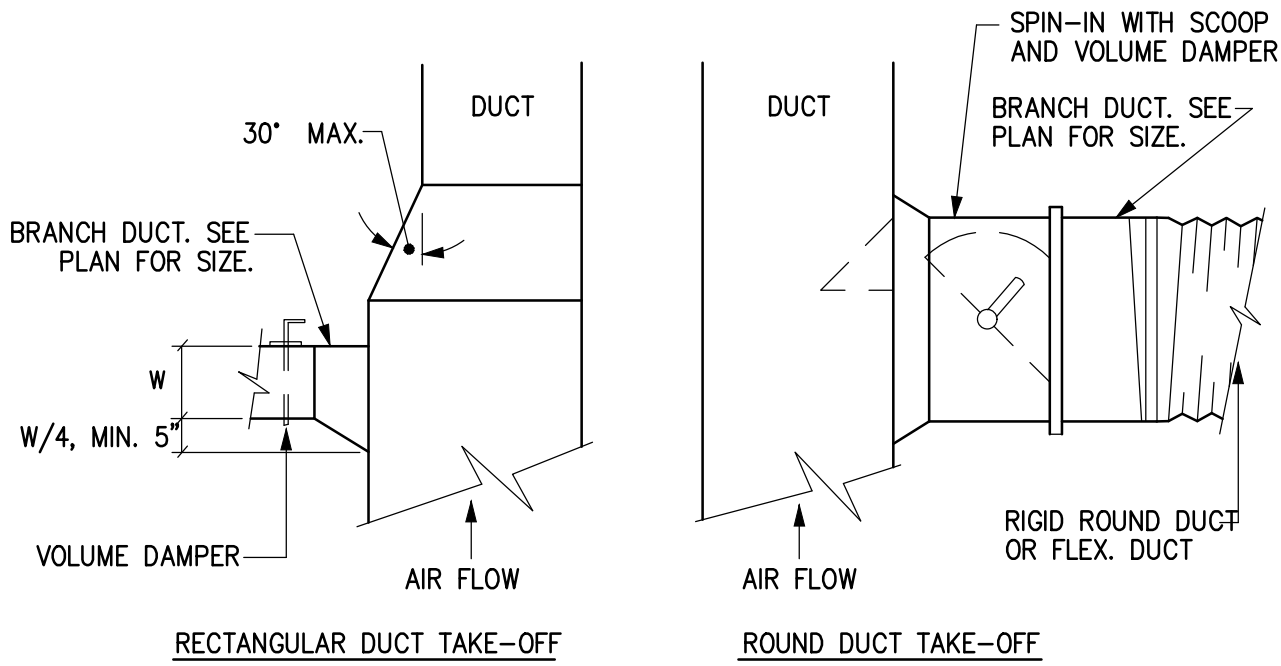


1
M002
SCALE: NONE

SUPPLY/RETURN GRILLE CONNECTION SCHEMATIC

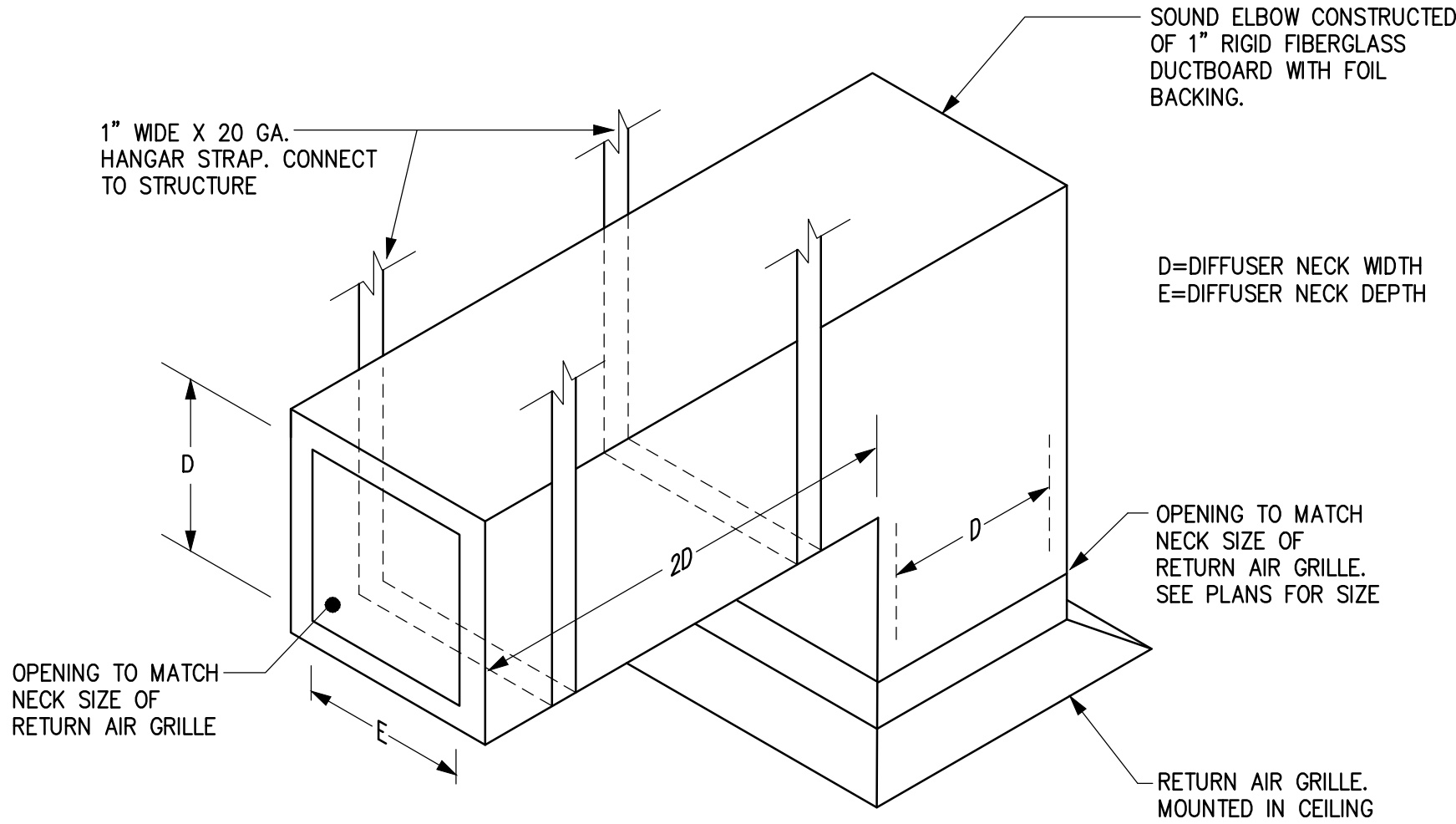
NOTES:

- 1 INNER LINER OF FLEX DUCT TO BE STRAPPED (WITH PLASTIC TIE-WRAP) TO DIFFUSER OR DUCT END FIRST THEN DUCT TAPED OVER STRAPS. ALL CONNECTIONS TO BE AIR TIGHT.
- 2 PULL FLEX DUCT'S INSULATION AND OUTER LINER OVER INNER LINER UP TO DIFFUSER NECK THEN STRAP (WITH PLASTIC TIE WRAPS) TIGHTLY.
- 3 RUN A MAXIMUM OF 5 LINEAR FEET OF FLEX DUCT FOR ALL AIR INLETS AND OUTLETS AS SHOWN. INSTALL WITH EVEN RADIUS BENDS TO ALLOW FULL FLOW WITH NO RESTRICTIONS. RADIUS OF ELBOW TO BE 2 TIMES THE DUCT DIAMETER. SUPPORT FROM STRUCTURE WITH NO RESTRICTIONS.
- 4 BELL-MOUTH OR SPIN-IN FITTING SHOWN IN THIS VIEW. EXTENDED BRANCHES AND OTHER DUCT ARRANGEMENTS ALSO APPLY. INSULATION NOT SHOWN.
- 5 PROVIDE TRANSITION AS NECESSARY TO GET FROM FULL FLEX DUCT SIZE TO AVAILABLE UNIT SUPPLIED NECK ADAPTER. INSULATION NOT SHOWN.



2
M002
SCALE: NONE

DUCT CONNECTION SCHEMATIC



3
M002
SCALE: NONE

RETURN AIR SOUND ELBOW

MECHANICAL SCHEMATICS AND DETAILS

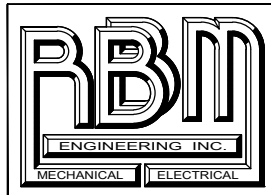
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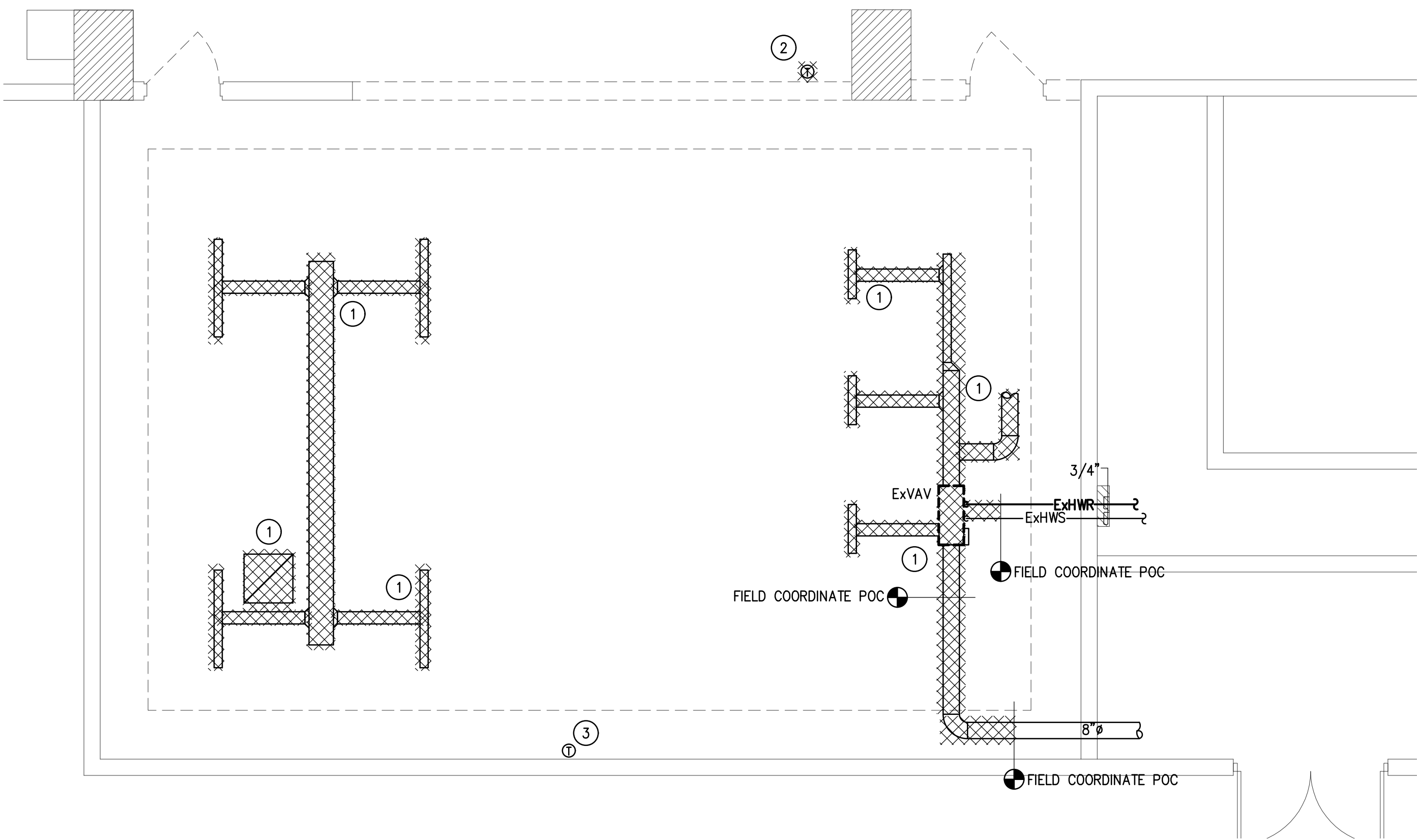
RBM PROJECT: 25062

KEYED NOTES:

- 1 DEMO EXISTING VAV TERMINAL UNIT AND DUCTWORK/GRILLES AS PART OF THE BUILDING DEMOLITION/RENOVATION.
- 2 EXISTING THERMOSTAT TO BE REMOVED AND RELOCATED. SEE NEW WORK PLAN FOR NEW LOCATION
- 3 EXISTING THERMOSTAT TO BE REUSED FOR NEW VAV TERMINAL UNIT.
- 4 EXISTING THERMOSTAT (STORED & PROTECTED) TO BE RE-INSTALLED ON WALL. COORDINATE WITH CONTRACTOR FOR WORK AND MISC. MATERIALS NEEDED.

GENERAL NOTES:

- A. ALL EQUIPMENT & DUCTWORK SHOWN ON THIS SHEET IS EXISTING AND PER AS-BUILT PLANS.
- B. NOT ALL EXISTING EQUIPMENT, DUCTWORK, GRILLES, PIPING, PLUMBING, FIXTURES ETC. SHOWN ON PLAN. CONTRACTOR SHALL REMOVE ALL UNUSED/ABANDONED EQUIPMENT, DUCTWORK, AND GRILLES THAT ARE NOT PART OF THE NEW WORK HVAC PLAN.
- C. NMSU HAS FIRST RIGHT OF REFUSAL FOR ANY EQUIPMENT SHOWN TO BE DEMOLISHED.



1
M101
SCALE: 1/4" = 1'-0"
EXISTING-DEMOLITION HVAC PLAN

HVAC NEW WORK PLAN

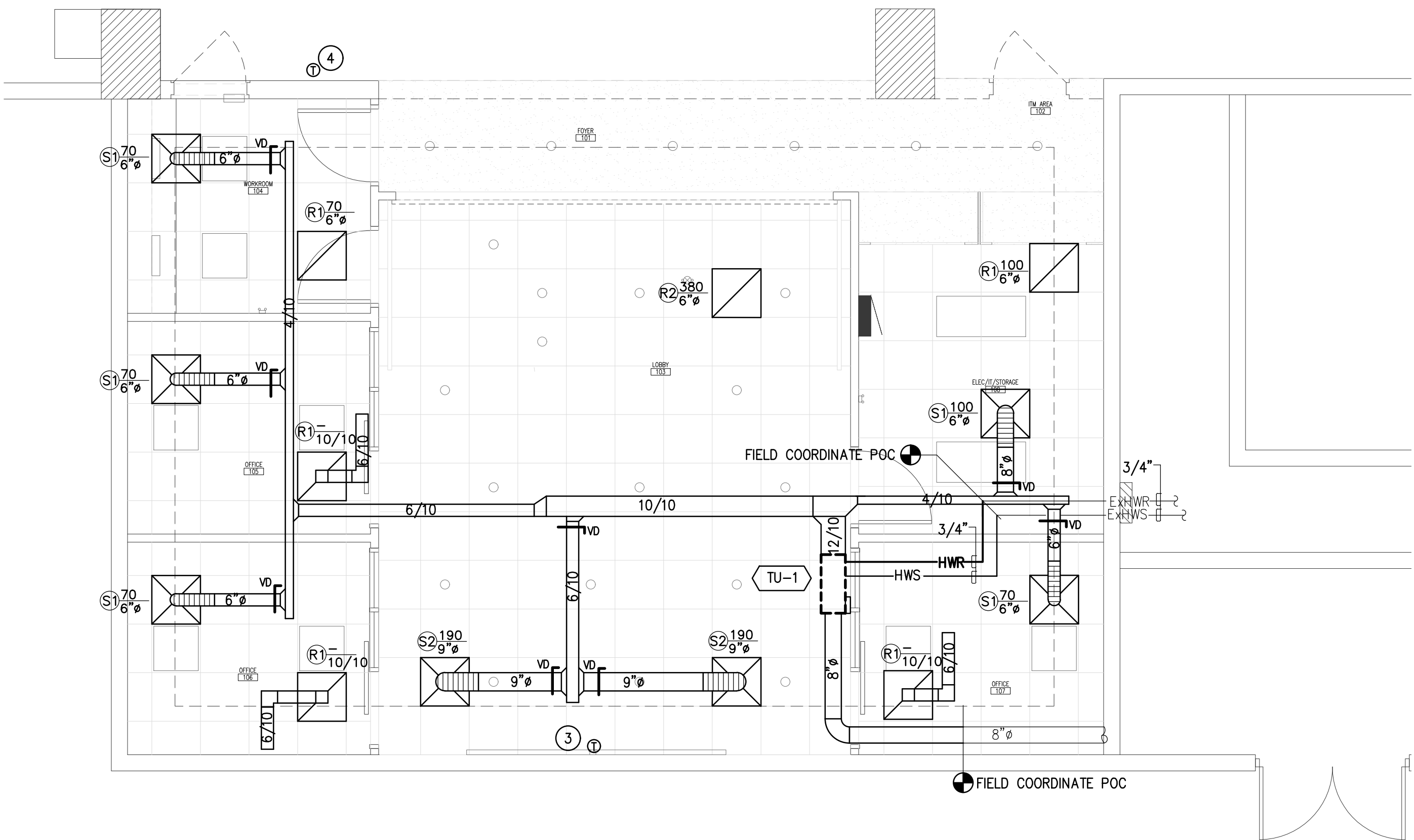
HVAC
DEMOLITION PLAN

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1
M101
SCALE: 1/4" = 1'-0"
NEW WORK HVAC PLAN


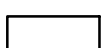





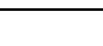










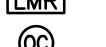

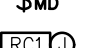
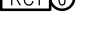

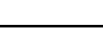
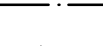


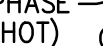

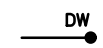


















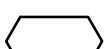


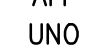
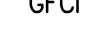


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ELECTRICAL SYMBOL LEGEND			
LIGHT FIXTURE		EQUIPMENT	OCCUPANCY SENSOR DEVICES
<div><div> JUNCTION BOX INSTALLED ABOVE AN ACCESSIBLE CEILING WITH FLEXIBLE CONDUIT CONNECTION TO LAY-IN FIXTURES. MAXIMUM 6'-0" LENGTH OF CONDUIT WITH REQUIRED CONDUCTORS ALONG WITH GREEN WIRE GROUND.</div><div> LED FIXTURE 1x4, 2x2 OR 2x4 AS SCALED ON PLANS. SURFACE OR RECESSED. TYPE AS INDICATED IN FIXTURE SCHEDULE.</div><div> LED FIXTURE AS SPECIFIED WITH BATTERY BACK-UP. TYPE AS INDICATED IN FIXTURE SCHEDULE.</div><div> LED STRIP FIXTURE, SUSPENDED OR CEILING MOUNTED. TYPE AS INDICATED IN FIXTURE SCHEDULE.</div><div> CEILING RECESSED FIXTURE, LED, ETC. TYPE AS INDICATED IN FIXTURE SCHEDULE.</div><div> EXIT LIGHT, CEILING MOUNTED. DIRECTION ARROWS AS REQUIRED. IF THE CEILING HEIGHT EXCEEDS 10'-0" EXIT LIGHT SHALL BE WALL MOUNTED.</div><div> EXIT LIGHT, WALL MOUNTED. BOTTOM OF LIGHT 6" ABOVE DOOR FRAME, OR BOTTOM OF LIGHT 84" ABOVE FLOOR WHEN MOUNTED ON BARE WALL OR AS NOTED.</div><div> SELF-CONTAINED TWO-HEAD EMERGENCY PACK FIXTURE. TYPE AS INDICATED IN FIXTURE SCHEDULE.</div></div>		<div><div> MOTOR OUTLET AND CONNECTION. EQUIPMENT TYPE AS NOTED.</div><div> SAFETY SWITCH, PROVIDED AND INSTALLED UNDER DIV. 16. TO HAVE POLES AND RATING REQUIRED. NEMA 3R IF INSTALLED OUTDOORS.</div><div> MOTOR STARTER WITH O.L.-MAGNETIC STARTER UNLESS NOTES AS MAN. (MANUAL). PROVIDE AND INSTALLED BY DIV.16.</div><div> COMBINATION MOTOR STARTER C.B. OR FUSED AS SPECIFIED, WITH O.L. PROVIDED AND INSTALLED UNDER DIV. 16. NEMA 3R IF INSTALLED OUT DOORS.</div><div> MOTOR CONTROLLER INTEGRAL WITH EQUIPMENT.</div><div> PANELBOARD SURFACE MOUNTED.</div><div> "T1B" TELEPHONE TERMINAL BOARD 3/4"x4"x8" (U.N.O) INTERIOR GRADE PLYWOOD. MOUNT ON WALL SHOWN. PROVIDE #6 COPPER INSULATED GROUND WIRE TO WATER LINE OR MAIN BUILDING GROUND. THE BOARD SHALL BE PAINTED WITH FIRE RETARANT PAINT. APPLY 2 COATS AND PAINT ALL 6 SIDES OF THE BOARD.</div><div> THERMOSTAT OR TEMPERATURE SENSOR OUTLET FLUSH IN WALL. 1 GANG HANDY BOX WITH 1/2" STUBBED TO ABOVE ACCESSIBLE CEILING. UP 44" OR AS NOTED. CONTROL WIRING BY CONTROLS CONTRACTOR.</div><div> REMOTE TEST STATION OUTLET FLUSH IN WALL. 1 GANG HANDY BOX WITH 1/2" STUBBED TO ABOVE ACCESSIBLE CEILING. UP 44" OR AS NOTED. CONTROL WIRING BY CONTROLS CONTRACTOR.</div></div>	<div><div> DIGITAL LIGHTING MANAGEMENT.</div><div> DIGITAL 2-BUTTON 1R REMOTE CONTROL WATT STOPPER (LMRH-102 OR EQUAL).</div><div> CEILING MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR. WATT STOPPER (LMDC 100W OR EQUAL).</div><div> DIMMING WALL SWITCH WATT STOPPER (LMDM-101-W OR EQUAL).</div><div> 1-BUTTON LINE VOLTAGE, DUAL TECHNOLOGY, WALL OCCUPANCY SWITCH. WATT STOPPER (DW-100W OR EQUAL).</div><div> DIMMING ROOM CONTROL RELAY. WATT STOPPER (LMRC212 OR EQUAL).</div></div> <p>OCCUPANT SENSING TECHNOLOGY IS TO BE PROGRAMMED AS VACANCY SWITCHES. THAT IS THE OPERATION SHALL BE PUSH BUTTON ON, OCCUPANCY SENSOR OR PUSH BUTTON OFF.</p> <p>GENERAL DIGITAL LIGHTING AND OCCUPANCY SENSOR NOTES:</p> <ol style="list-style-type: none">COMPLIANCE WITH ENERGY CODE IS ACCOMPLISHED WITH THE USE OF THIS DIGITAL LIGHTING MANAGEMENT SYSTEM FOR CEILING/WALL MOUNTED LOW VOLTAGE OCCUPANCY SENSORS, LOW VOLTAGE DIGITAL SWITCHES, AND SWITCH MOUNTED, STAND ALONE, LINE VOLTAGE DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCHES. THE REFERRED MANUFACTURER NOTED ABOVE IS WATT STOPPER. ANY SUBSTITUTIONS ARE PERMITTED, BUT PRIOR APPROVAL WILL BE MANDATORY. ALLOW TIME FOR THIS IF SUBSTITUTES ARE PROPOSED. CONSULT ENGINEER IF NECESSARY.THE DIGITAL LIGHTING MANAGEMENT SYSTEM SHALL UTILIZE CAT 5e TECHNOLOGY AS SHOWN AND DETAILED ON PLANS. ENTIRE SYSTEM SHALL BE PLUG AND PLAY, AND PROGRAMMABLE. ALL CAT 5E CABLING FOR THIS SYSTEM SHALL BE GREEN OR APPROVED EQUAL BY THE ENGINEER/MANUFACTURER.POST AWARD OF PROJECT, CONTRACTOR SHALL PROVIDE A COMPLETE SUBMITTAL PACKAGE OF ALL DEVICES USED WITH A DESCRIPTION OF FUNCTION FOR EACH AND ITS MAXIMUM ABILITY. ALL OCCUPANCY SENSORS SHALL BE FULLY PROGRAMMED TO THE OCCUPANT'S SATISFACTION WHETHER SHOWN ON PLANS OR NOT.AS PART OF THE PROJECT, CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND SCHEDULING A WATT STOPPER SERVICE TECH TO COMMISSION ALL DEVICES AND ZONES SHOWN ON THE PLANS. CONTRACTOR SHALL HAVE THIS DONE IN ADEQUATE TIME TO COMPLETE THE PROJECT ON SCHEDULE. CONTRACTOR'S FAILURE TO DO SO WILL NOT BE GROUNDS FOR A TIME EXTENSION. LIQUIDATED DAMAGES WILL APPLY AS PER THE SCHOOL DISTRICT'S REQUEST AT BID TIME. IN ADDITION TO SERVICING DEVICES AND ZONES, WATT STOPPER SERVICE TECH SHALL INCLUDE TWO ADDITIONAL HOURS OF TRAINING AND PRESENTATION TIME FOR THE OWNER AND END USERS TO MAINTAIN SYSTEM.AFTER THE BUILDING HAS BEEN OCCUPIED, THE CONTRACTOR SHALL COME BACK MONTHLY FOR 3 MONTHS AND REPROGRAM ANY AND ALL SENSORS AS REQUESTED BY THE END USER TO THEIR COMPLETE SATISFACTION WITHOUT ADDITIONAL COST TO THE PROJECT.
CONDUIT, RACEWAYS, AND WIRING		COMMUNICATION SYSTEMS	FIRE ALARM SYSTEMS
<div><div> CONDUIT CONCEALED IN WALLS OR CEILING CONSTRUCTION RIGID, IMC OR EMT. SEE SPECS.</div><div> CONDUIT CONCEALED IN FLOOR SLAB, 3/4"C MAX. RIGID, IMC, PVC SCH 40 OR PVC SCH 80. SEE SPECS.</div><div> HOME RUN TO PANELBOARD-NUMBER OF ARROWS INDICATES NUMBER OF BREAKER HANDLES.</div><div> SWITCH LEG</div><div> DASHES ACROSS CONDUIT OR CABLE INDICATE THREE (3) OR MORE WIRES #12 AWG SOLID COPPER UNLESS NOTED OTHERWISE.</div><div> CONDUIT TURNED UP</div><div> CONDUIT TURNED DOWN</div><div> GROUND</div></div>		<div><div> DATA/PHONE OUTLET FLUSH IN WALL COMPLETE WITH COVERPLATE. X REPRESENTS NUMBER OF CAT 6 CABLES AND RJ45 JACKS TO BE PROVIDED. PROVIDE CABLES IN A 4" SQ. BOX 2 1/8" DEEP, ONE GANG PLASTER RING, 1"C STUBBED TO ABOVE ACCESSIBLE CEILING. UP +18" OR AS INDICATED. AT THE TIME OF FINAL INSPECTION THE CONTRACTOR SHALL PROVIDE A BLANK COVER PLATE ON ALL BOXES THAT HAVE NOT BEEN USED TO INSTALL AN OUTLET. PROVIDE A BUSHING ON THE CONDUIT STUB.</div><div> FLOOR OUTLET FOR DATA CAT 3/5/5e/6, ETC. WIRING SYSTEM.</div><div> WIRELESS ACCESS POINT DEVICE FLUSH WITH CEILING. CISCO #C9120AXE-B INTERIOR AND CISCO #C9120AXE-B EXTERIOR WIRELESS ACCESS POINT. DEVICE SHALL BE PROVIDED WITH (1)-CAT6A CABLE. PROVIDE CABLE IN A 4" SQ. BOX 2 1/8" DEEP, ONE GANG PLASTER RING, 1"C STUBBED TO ABOVE ACCESSIBLE CEILING. UP +18" OR AS INDICATED. AT THE TIME OF FINAL INSPECTION THE CONTRACTOR SHALL PROVIDE A BLANK COVER PLATE ON ALL BOXES THAT HAVE NOT BEEN USED TO INSTALL AN OUTLET. PROVIDE A BUSHING ON THE CONDUIT STUB.</div></div>	<div><div> MANUAL PULL STATION 44" ABOVE FLOOR.</div><div> GENERAL ALARM HORN WITH VISUAL ALARM LIGHT 80" ABOVE FLOOR OR AS PERMITTED.</div><div> FA VISUAL APPLIANCE 80" ABOVE FLOOR OR AS NOTED.</div><div> CEILING MOUNT FA STROBE APPLIANCE. INSTALLATION OF THIS CEILING MOUNT DEVICE SHALL BE IN ACCORDANCE WITH NFPA 72.</div><div> CEILING MOUNT EMERGENCY VOICE EVAC APPLIANCE. INSTALLATION OF THIS CEILING MOUNT DEVICE SHALL BE IN ACCORDANCE WITH NFPA 72.</div><div> FIRE ALARM CONTROL PANEL.</div></div>
WIRING DEVICES		SECURITY SYSTEMS	MISCELLANEOUS
<div><div>AS THE CONTRACTED AND LICENSED INSTALLER ON THE PROJECT NOTED ON THE TITLE BLOCK THIS CONTRACTOR WARRANTS AND GUARANTEES THAT ALL CONTROL AND OPERATING MECHANISMS HE/SHE INSTALLS WILL COMPLY WITH THE ACCESSIBILITY STANDARD AS ADOPTED AND MODIFIED BY THE STATE, WHETHER THE STANDARD IS ADAAG, LATEST EDITION OR ICC/ANSI A 117.1, LATEST EDITION. REACH RANGES SHALL BE COMPLIED WITH. THESE INCLUDE FORWARD REACH AND SIDE REACH, BOTH UNOBSTRUCTED AND OBSTRUCTED. THIS GUARANTEE SHALL EXTEND FOR THE TIME PERIOD AS NECESSARY FOR THE STATE ACCESSIBILITY INSPECTOR TO MAKE THE FINAL ON SITE ACCESSIBILITY INSPECTION. IN ANY CASE THE TIME PERIOD SHALL NOT EXCEED 36 MONTHS BEYOND THE DATE OF SUBSTANTIAL COMPLETION. ANY DEFICIENCIES FOUND BY THE ACCESSIBILITY STATE INSPECTOR ON THE ACCESSIBILITY FINAL INSPECTION SHALL BE CORRECTED WITHIN 30 DAYS BY THIS CONTRACTOR WITHOUT ADDITIONAL COST TO THE OWNER. THE HEIGHTS CALLED FOR BY THE LEGEND AND AS SHOWN ON THE PLANS ARE SO SELECTED TO BE IN COMPLIANCE, HOWEVER CONSTRUCTION ADJUSTMENTS OCCUR IN THE FIELD OFTEN WITH OUT THE KNOWLEDGE OF THE ENGINEER, WHEN THIS HAPPENS THE CONTRACTOR IS AUTHORIZED AND EXPECTED TO ADJUST THE DEVICE HEIGHT IN THE FIELD AS NECESSARY.</div><div> SINGLE POLE WALL SWITCH, 2 INDICATES 2 POLE SW-3 INDICATES 3 WAY SW-4 INDICATES 4 WAY SW-P INDICATES SW WITH PILOT LIGHT,- D INDICATES INC DIMMER SW, DF INDICATES FLUORESCENT DIMMER SW, +44" OR AS NOTED.</div><div> DUPLEX RECEPTACLE-20A, 125V, 2P, 3W (NEMA 5-20R) IN WALL +18" OR AS NOTED.</div><div> DOUBLE DUPLEX (QUAD) RECEPTACLE -20A, 125V, 2P, 3W (NEMA 5-20R) 18" OR AS NOTED.</div><div> DUPLEX RECEPTACLE-20A, 125V, 2P, 3W (NEMA 5-20R) UP WALL 4" ABOVE COUNTER OR BACK SPLASH SINGLE DUPLEX OUTLETS SHALL BE MOUNTED HORIZONTALLY. DOUBLE DUPLEX (QUAD) OUTLETS SHALL BE MOUNTED VERTICALLY. IN ANY CASE TO COMPLY WITH ADA ACCESSIBILITY THE OUTLET BOX CENTERLINE MAY NOT EXCEED 42".</div><div> SIMPLEX POWER RECEPTACLE-250V, 1ø, 2P, 3W,-20A, 30A, OR 50A NUMBER AT OUTLET INDICATES AMPERE RATING (NEMA 6-20R, 6-30R, 6-50R) IN WALL +18" OR AS NOTED.</div><div> JUNCTION OR OUTLET BOX IN WALL. HEIGHT AS NOTED. ALL BOXES SHALL BE ACCESSIBLE.</div><div> JUNCTION OR OUTLET BOX IN CEILING. ALL BOXES SHALL BE ACCESSIBLE.</div></div>		<div><div> INTERIOR MOUNTED 4 WAY SURVEILLANCE CAMERA. LOCATE AS SHOWN. CAMERA SHALL BE PROVIDED WITH (1)-CAT6 CABLE. CABLE SHALL RUN TO NEAREST IDF. PROVIDE CABLE IN A 4" SQ. BOX 2 1/8" DEEP, ONE GANG PLASTER RING, 1"C STUBBED TO ABOVE ACCESSIBLE CEILING. UP +18" OR AS INDICATED. AT THE TIME OF FINAL INSPECTION THE CONTRACTOR SHALL PROVIDE A BLANK COVER PLATE ON ALL BOXES THAT HAVE NOT BEEN USED TO INSTALL AN OUTLET. PROVIDE A BUSHING ON THE CONDUIT STUB.</div></div>	<div><div> MECHANICAL EQUIPMENT DESIGNATION- SEE MECHANICAL EQUIPMENT SCHEDULE.</div><div> KEYED NOTE</div><div> WP WEATHERPROOF ABOVE FINISH FLOOR</div><div> AFF UNLESS NOTED OTHERWISE</div><div> UNO GROUND FAULT CIRCUIT INTERRUPTER</div></div>



joe slagle architect

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505 228 8707

STATE OF NM GEN. NOTES

- A. THE MOUNTING HEIGHT OF WIRING OR CONTROL DEVICES (SWITCHES, OUTLETS, CONTROLS, DATA JACKS, PHONE JACKS, THERMOSTATS, FIRE ALARM, ELECTRIC DOOR PUSH BUTTONS, ETC.) MUST BE MOUNTED TO COMPLY WITH THE STATE OF NEW MEXICO STANDARDS FOR ACCESSIBILITY. SPECIFICALLY, OUTLETS MUST BE MOUNTED AT MINIMUM 18" A.F.F. TO THE BOTTOM OF THE BOX, AND SWITCHES AND OTHER CONTROLS AT 44" A.F.F. TO THE BOTTOM OF THE BOX UNLESS NOTED OTHERWISE. DEVICES ABOVE COUNTER TOPS AND OBSTRUCTIONS SHALL COMPLY WITH ANSI 117.1.
- B. THE DESIGN OF THE PROJECT IS BASED ON COPPER WIRE, #12 AWG AS THE MINIMUM SIZE. THE BRANCH CIRCUIT WIRING SYSTEM SHALL LIMIT VOLTAGE DROP TO 5% AT THE FURTHEST OUTLET. THE CONTRACTOR SHALL UTILIZE LARGER WIRE SIZES AS NEEDED TO MAINTAIN THIS LIMIT. IT WILL NOT BE UNCOMMON FOR #10 AWG TO BE REQUIRED. AS A RULE OF THUMB, BRANCH CIRCUIT CONDUCTOR LENGTHS LONGER THAN 80' MAY REQUIRE #10 AWG WIRING. CONTRACTOR SHALL UPGRADE WIRING AS NEEDED WHETHER SHOWN ON THE PLANS OR NOT TO COMPLY WITH THE STATE OF NEW MEXICO STANDARDS FOR VOLTAGE DROP.
- C. THE CONTRACTOR MAY INSTALL UP TO 6 CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON DERATINGS FOR UP TO 6 CONDUCTORS AND AN AMBIENT TEMPERATURE OF 122 DEGREES F. THE CONTRACTOR MUST REVISE AMPACITIES FOR OTHER CONDITIONS. CONTACT THE ENGINEER IF NECESSARY.

ELECTRICAL GENERAL NOTES, LEGEND, SCHEDULES

INTERIOR REMODEL FOR:

nUSENDA
CREDIT UNION
New Mexico State University

Las Cruces, NM

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revisions

date:
09-12-2025
sheet:
E001



COMcheck Software Version COMcheckWeb Interior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: NUSENDA CREDIT UNION
Project Type: New Construction

Construction Site: LAS CRUCES, New Mexico

Owner/Agent:

Designer/Contractor:

YVONNE GUERRA
RBM ENGINEERING INC.
150 N. FESTIVAL DR.
EL PASO, Texas 79912
915-584-9934
yguerra@rbm.cc

Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

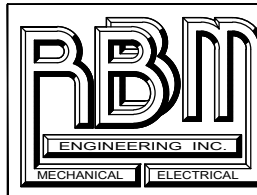
Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Bank:Banking Activity Area	1494	0.61	911
Total Allowed Watts =			911

Proposed Interior Lighting Power

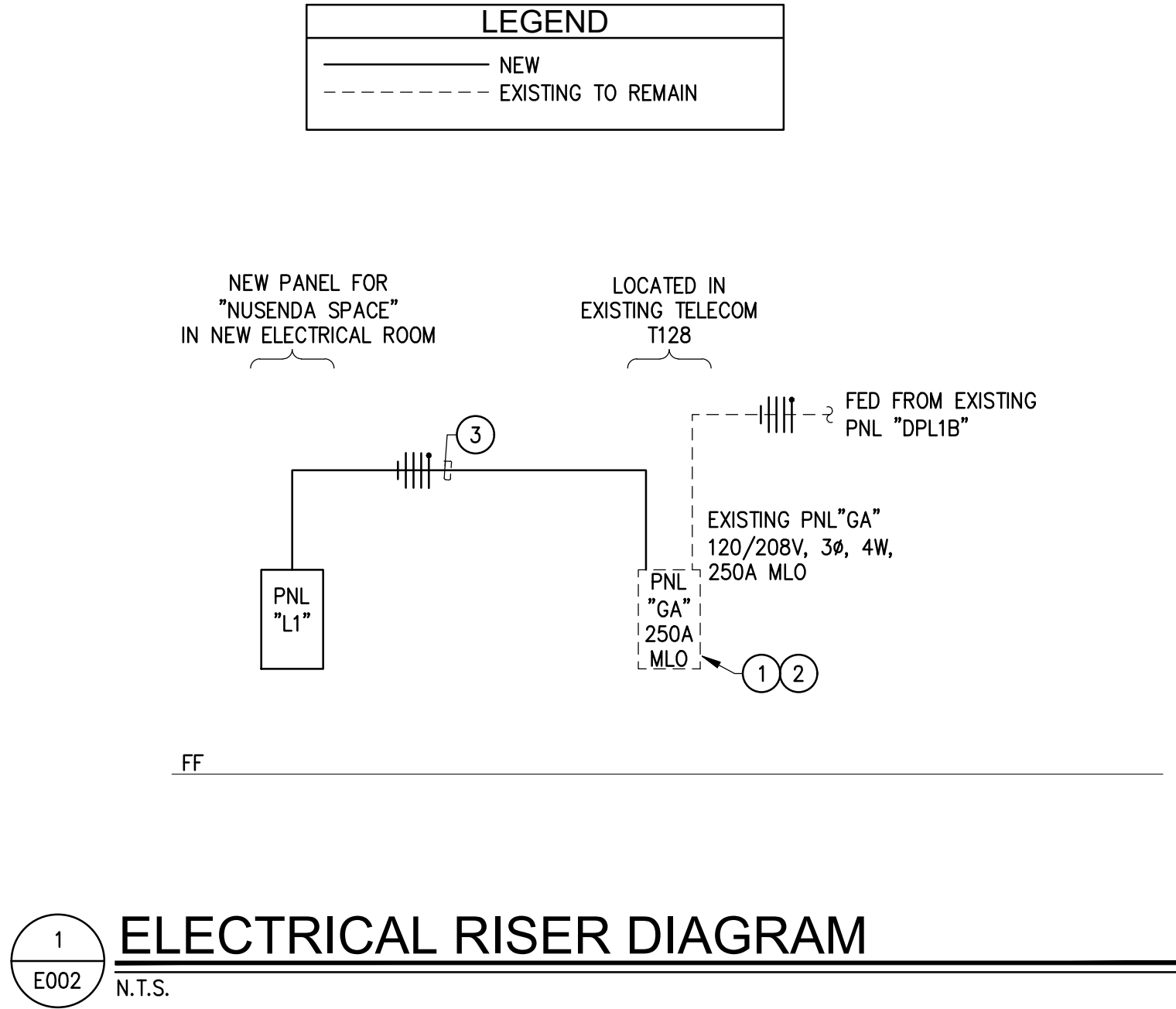
A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Bank:Banking Activity Area				
LED: A: 2X2 FIXTURE: LED Panel 33W:	1	8	32	256
LED: B: 2X4: LED Panel 41W:	1	2	41	82
LED: C+CE: DOWNLIGHT: LED A Lamp 25W:	1	22	24	528
LED: D: UNDERCABINET: LED Undercabinet Unit 12W:	1	2	12	24
Total Proposed Watts =				890

Interior Lighting PASSES: Design 2% better than code



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RBM PROJECT: 25062



GENERAL DEMOLITION NOTES:

- A. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL LIGHTING, OUTLETS, SWITCHES, WIREMOLD, EXPOSED CONDUIT, DATA OUTLETS, HVAC ELECTRICAL CONNECTIONS, ETC. NOTED ON THIS SHEET TO BE DEMOLISHED OR SHOWN ON A WALL BEING DEMOLISHED. COORDINATE WITH THE ARCHITECTURAL PLANS AS TO WHAT IS TO REMAIN IN PLACE AND WHAT IS TO BE PART OF DEMOLITION PRIOR TO ANY WORK.
- B. ANY EQUIPMENT SHOWN TO BE REMOVED THAT IS CONNECTED TO EQUIPMENT NOTED TO REMAIN (LIGHTING, HVAC ELECTRICAL CONNECTIONS, OUTLETS, ETC.), CONTRACTOR IS RESPONSIBLE FOR PROVIDING SPICE BOXES ABOVE EXISTING/NEW ACCESSIBLE CEILINGS TO MAINTAIN CIRCUITRY AND FUNCTIONALITY OF THOSE ITEMS. REROUTE AND/OR RELOCATE EXISTING CIRCUITS AS NECESSARY TO ACCOMMODATE NEW WORK SHOWN AND NOTED ON THESE PLANS.
- C. DEMOLITION OF WIRING, DISCONNECTS, AND/OR EQUIPMENT THAT IS SUBJECT TO REMAIN OR BE RE-LOCATED, CONTRACTOR IS RESPONSIBLE FOR RE-CONNECTION OF THAT EQUIPMENT IMMEDIATELY AND MAKE OPERATIONAL.
- D. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL UN-USED EXISTING LOW VOLTAGE CABLING, WIRING, AND/OR CONDUIT (CCTV, PA, INTERCOM, DATA/PHONE, SPECIAL SYSTEMS, ETC.) BACK TO THE POINT OF SOURCE OR TO THE POINT WHERE EXISTING EQUIPMENT WILL REMAIN IN OPERATION. ANY EXISTING LOW VOLTAGE CABLING, WIRING, AND/OR CONDUIT TAGGED TO REMAIN SHALL BE PROPERLY SUPPORTED FROM THE STRUCTURE WITH J-HOOKS OR CONDUIT. COORDINATE WITH OWNER PRIOR TO ANY WORK. SALVAGE ANY SPECIAL SYSTEM DEVICES REMOVED TO THE OWNER.
- E. CONTRACTOR SHALL RE-USE EXISTING CONDUIT PENETRATIONS AND CONDUIT SYSTEMS WHERE APPLICABLE. IF NOT RE-USED, PATCH, PAINT, AND REPAIR AS REQUIRED. IN ALL CASES, CUT, PATCH, PAINT, AND REPAIR TO MATCH EXISTING CONDITIONS AND/OR AS SHOWN ARCHITECTURAL DRAWINGS. BLANK PLATES WILL NOT BE MEANS OF PATCHING.

GENERAL NOTES

- A. THE ENTIRE BUILDING IS COVERED WITH EXISTING SIEMENS "VOICE EVACUATION SYSTEM." THE NEW FIRE ALARM DEVICES WILL NEED TO BE TIED INTO THE EXISTING FIRE ALARM PANEL.
- B. ONCE THE DEVICES HAVE BEEN INSTALLED AND CONNECTED. THE EXISTING FIRE ALARM SYSTEM SHALL BE TESTED. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH NMSU FACILITIES PRIOR TO ANY WORK.
- C. THE NEW RENOVATED SPACE WILL HAVE AN NEW ELECTRICAL PANEL THAT WILL BE FED FROM THE EXISTING 120/208V,3PHASE, 4W PANEL "GA".
- D. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ANY ELECTRICAL POWER OUTAGES WITH NMSU FACILITIES PRIOR TO ANY WORK.

ELECTRICAL
DEMOLITION PLAN

INTERIOR REMODEL FOR:

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New Mexico State University

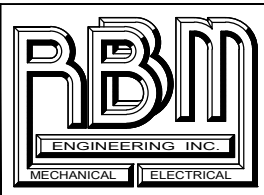
Las Cruces, NM

OVERALL FLOOR PLAN

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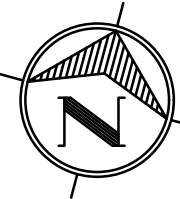
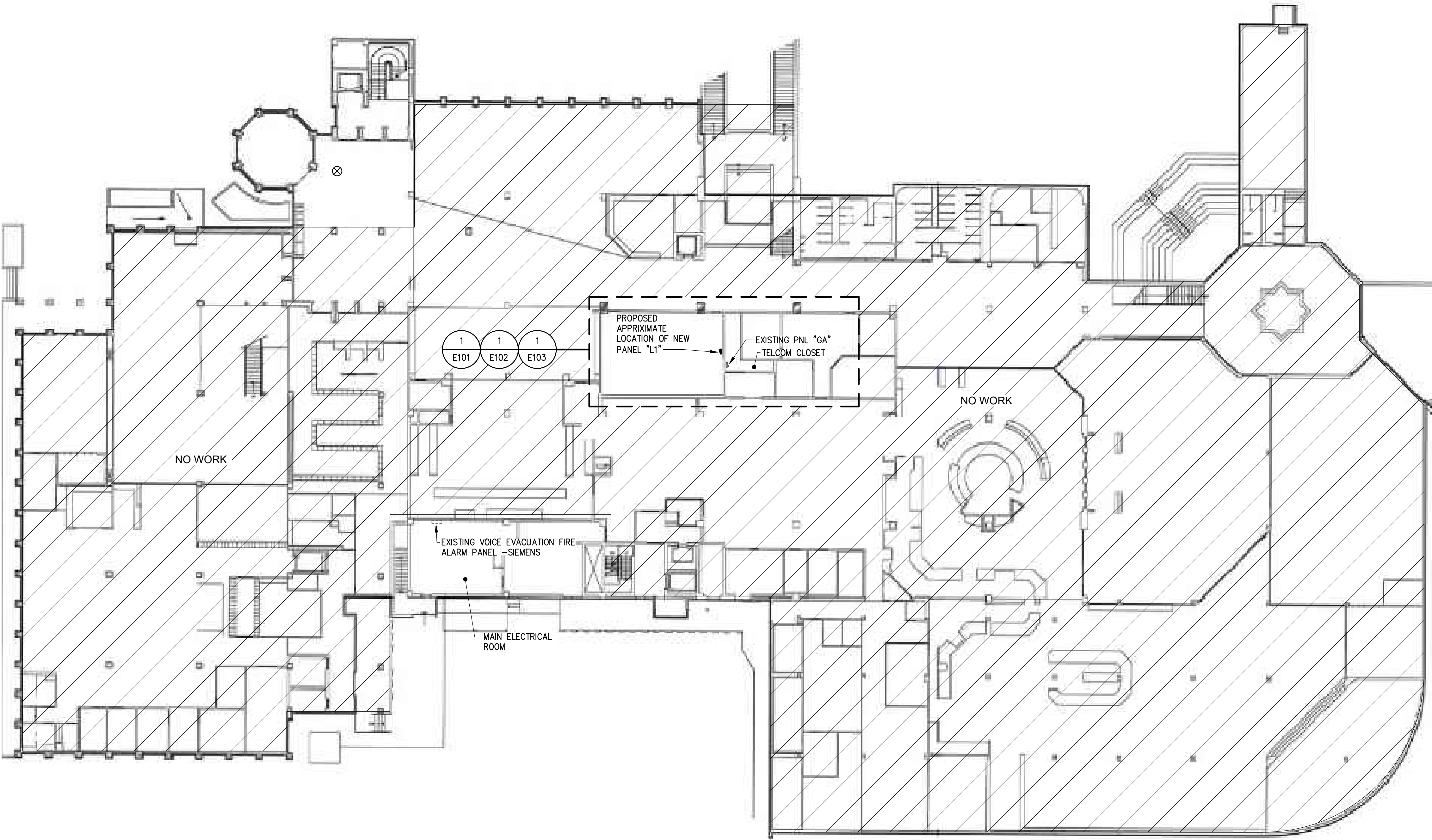
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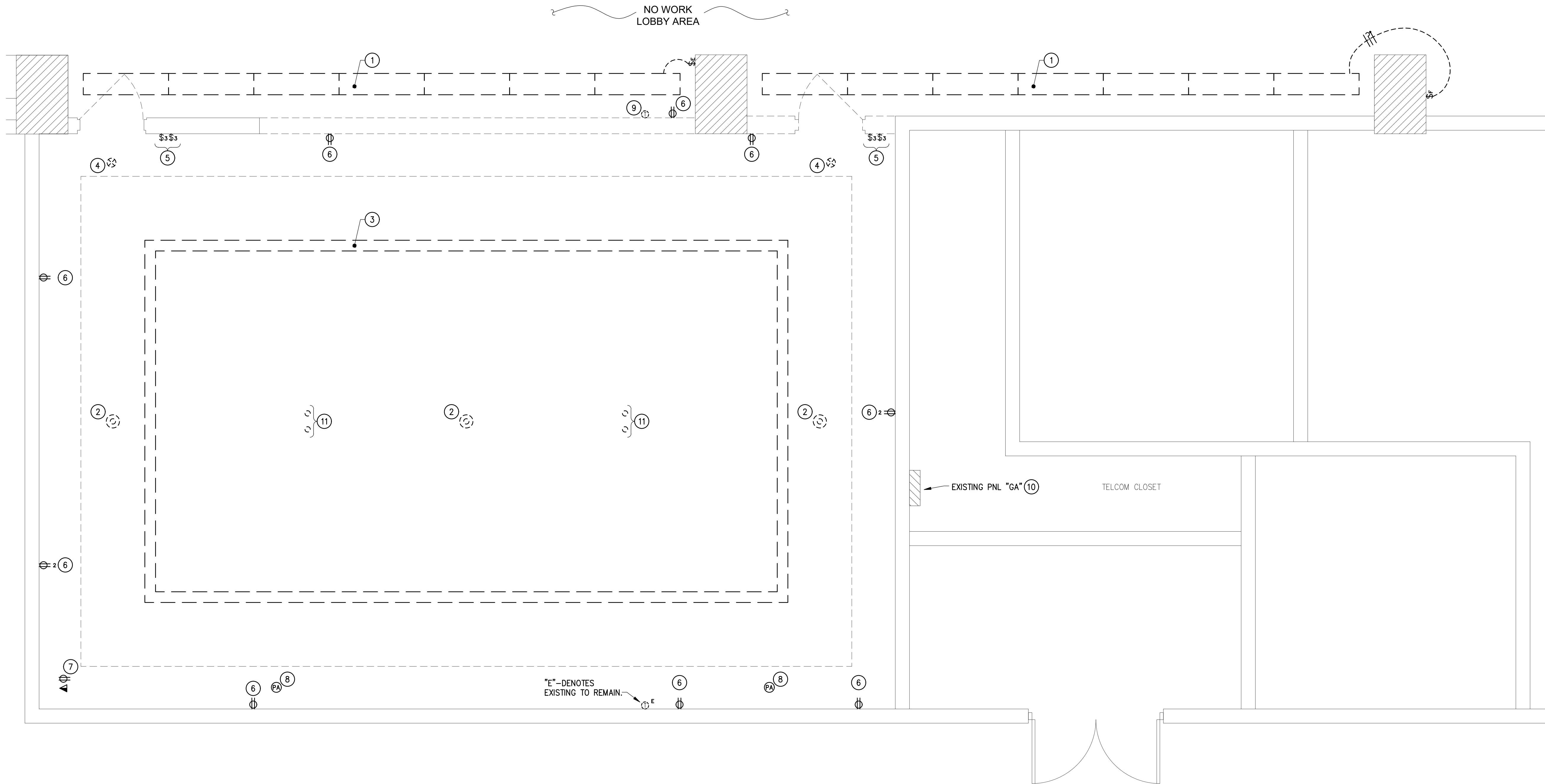


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ELECTRICAL OVERALL FLOOR PLAN

SCALE: 1"=20'-0"

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E101

ELECTRICAL DEMOLITION PLAN

SCALE: 3/8" = 1'-0"

joe slagle architect



joe slagle

505 228 8707

GENERAL NOTES

A. CONTRACTOR SHALL KEEP EXISTING LIGHTING CIRCUITS MAINTAINED DURING DEMOLITION.

GENERAL DEMOLITION NOTES:

A. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL LIGHTING, OUTLETS, SWITCHES, WIREMOLD, EXPOSED CONDUIT, DATA OUTLETS, HVAC ELECTRICAL CONNECTIONS, ETC. NOTED ON THIS SHEET TO BE DEMOLISHED OR SHOWN ON A WALL BEING DEMOLISHED. COORDINATE WITH THE ARCHITECTURAL PLANS AS TO WHAT IS TO REMAIN IN PLACE AND WHAT IS TO BE PART OF DEMOLITION PRIOR TO ANY WORK.

B. ANY EQUIPMENT SHOWN TO BE REMOVED THAT IS CONNECTED TO EQUIPMENT NOTED TO REMAIN (LIGHTING, HVAC ELECTRICAL CONNECTIONS, OUTLETS, ETC.), CONTRACTOR IS RESPONSIBLE FOR PROVIDING SPLICE BOXES ABOVE EXISTING/NEW ACCESSIBLE CEILINGS TO MAINTAIN CIRCUITRY AND FUNCTIONALITY OF THOSE ITEMS. REROUTE AND/OR RELOCATE EXISTING CIRCUITS AS NECESSARY TO ACCOMMODATE NEW WORK SHOWN AND NOTED ON THESE PLANS.

C. DEMOLITION OF WIRING, DISCONNECTS, AND/OR EQUIPMENT THAT IS SUBJECT TO REMAIN OR BE RE-LOCATED, CONTRACTOR IS RESPONSIBLE FOR RE-CONNECTION OF THAT EQUIPMENT IMMEDIATELY AND MAKE OPERATIONAL.

D. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL UN-USED EXISTING LOW VOLTAGE CABLING, WIRING, AND/OR CONDUIT (CCTV, PA, INTERCOM, DATA/PHONE, SPECIAL SYSTEMS, ETC.) BACK TO THE POINT OF SOURCE OR TO THE POINT WHERE EXISTING EQUIPMENT WILL REMAIN IN OPERATION. ANY EXISTING LOW VOLTAGE CABLING, WIRING, AND/OR CONDUIT TAGGED TO REMAIN SHALL BE PROPERLY SUPPORTED FROM THE STRUCTURE WITH J-HOOKS OR CONDUIT. COORDINATE WITH OWNER PRIOR TO ANY WORK. SALVAGE ANY SPECIAL SYSTEM DEVICES REMOVED TO THE OWNER.

E. CONTRACTOR SHALL RE-USE EXISTING CONDUIT PENETRATIONS AND CONDUIT SYSTEMS WHERE APPLICABLE. IF NOT RE-USED, PATCH, PAINT, AND REPAIR AS REQUIRED. IN ALL CASES, CUT, PATCH, PAINT, AND REPAIR TO MATCH EXISTING CONDITIONS AND/OR AS SHOWN ARCHITECTURAL DRAWINGS. BLANK PLATES WILL NOT BE MEANS OF PATCHING.

ELECTRICAL DEMOLITION PLAN

INTERIOR REMODEL FOR:

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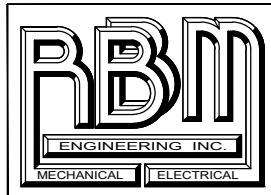
Las Cruces, NM

KEYED NOTES

- EXISTING LIGHTS TO BE REMOVED IN THEIR ENTIRETY.
- EXISTING DOWNLIGHTS TO BE REMOVED IN ITS ENTIRETY.
- EXISTING PENDANT LIGHT FIXTURE TO BE REMOVED IN ITS ENTIRETY.
- EXISTING EXIT LIGHT TO BE REMOVED IN ITS ENTIRETY.
- EXISTING 3-WAY TOGGLE SWITCHES TO BE REMOVED N ITS ENTIRELY.
- EXISTING DUPLEX RECEPTACLES TO BE REMOVED IN ITS ENTIRETY.
- EXISTING CEILING RECEPTACLE AND DATA OUTLET TO BE REMOVED IN ITS ENTIRETY.
- EXISTING WALL MOUNTED PA SPEAKERS TO BE REMOVED IN THEIR ENTIRETY.
- EXISTING T-STAT IS SCHEDULED TO BE RELOCATED. CONTRACTOR SHALL EXTEND LOW VOLTAGE WIRING TO NEW LOCATION. SEE NEW WORK PLAN FOR MORE INFORMATION.
- EXISTING PANEL "GA" 120/208V, 3Φ, 4W 250A MLO TO REMAIN. THIS PANEL CURRENTLY FEED THE EXISTING SPACE BEING DEMOLITION SEE ELECTRICAL RISER DIAGRAM FOR MORE INFORMATION.
- EXISTING CEILING MOUNTED FA DEVICES TO BE REMOVED IN THEIR ENTIRETY.

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GENERAL NOTES

- A. CONTRACTOR SHALL PROVIDE AND CONNECT OCCUPANCY SENSOR DEVICE AS SHOWN PER DETAIL 1/E-001.
- B. CONTRACTOR SHALL PROVIDE LOW VOLTAGE WIRING FOR CONTROLS AS REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM.
- C. UNDERCOUNTER FIXTURE "D" REQUIRES A 120V POWER SUPPLY: POWER SUPPLY TO BE MOUNTED IN THE INTERIOR OF CABINET.
- D. PRIOR TO ORDERING THE "D" FIXTURE THE ELECTRICAL CONTRACTOR SHALL REVIEW THE FINAL APPROVED MILLWORK SHOW DRAWINGS. THIS WILL CONFIRM THE LENGTH OF THE FIXTURES. THIS CONTRACTOR SHALL ALSO ASSURE THAT ALL REQUIRED NOTCHING ARE INDICATED.

KEYED NOTES

- ① CONTRACTOR SHALL CIRCUIT TO EXISTING LIGHTING CIRCUIT SPARED BY DEMOLITION.
- ② UNDER COUNTER LIGHTS. CONTRACTOR SHALL COORDINATE LOCATION LOCATION WITH CABINET MANUFACTURER PRIOR TO ROUGH-IN.
- ③ CONTRACTOR SHALL COORDINATE OCCUPANCY SENSOR DEVICE LOCATION WITH MANUFACTURER'S RECOMMENDATIONS PRIOR TO ROUGH-IN.
- ④ ROOM CONTROLLER RELAY DEVICE SHALL BE IN AN ACCESSIBLE LOCATION. CONTRACTOR SHALL INSTALL ABOVE LAY-IN CEILING.
- ⑤ THE UNDERSIDE OF THE CABINET WOOD FRAME BETWEEN ADJOINING SECTIONS SHALL BE NOTCHED 1/2" TO 1" TO ALLOW THE CORD THAT INTERCONNECTS THE LIGHTS TO BE TUCKED TO BOTTOM OF MILLWORK.
- ⑥ CONTRACTOR SHALL CIRCUIT TO UNSWITCHED RECEPTACLE AT COUNTER.

LIGHTING NEW WORK PLAN

INTERIOR REMODEL FOR:

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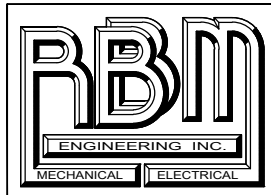
New Mexico State University

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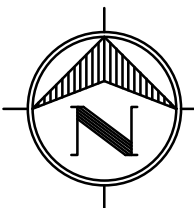
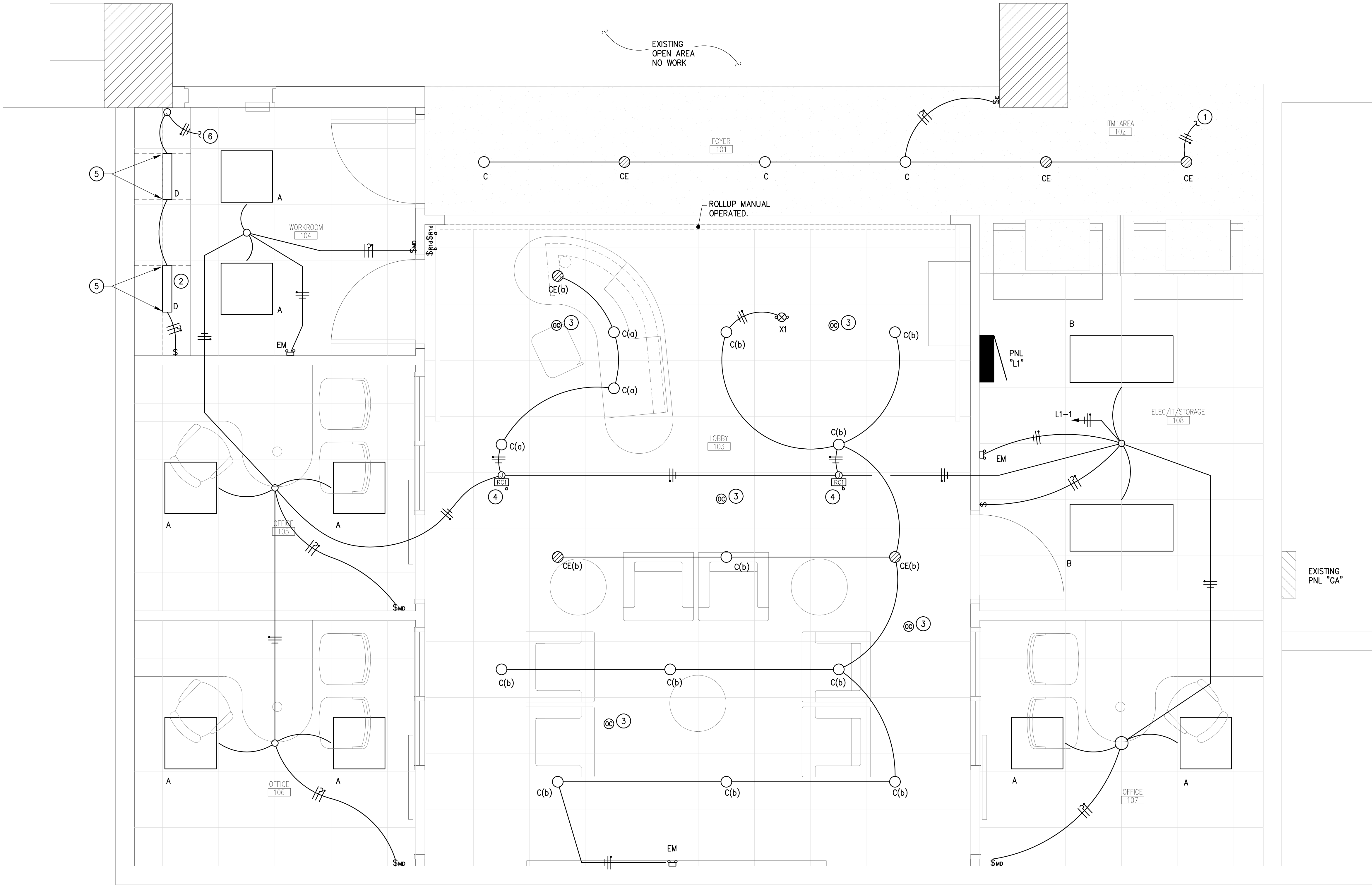
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E102

LIGHTING NEW WORK PLAN

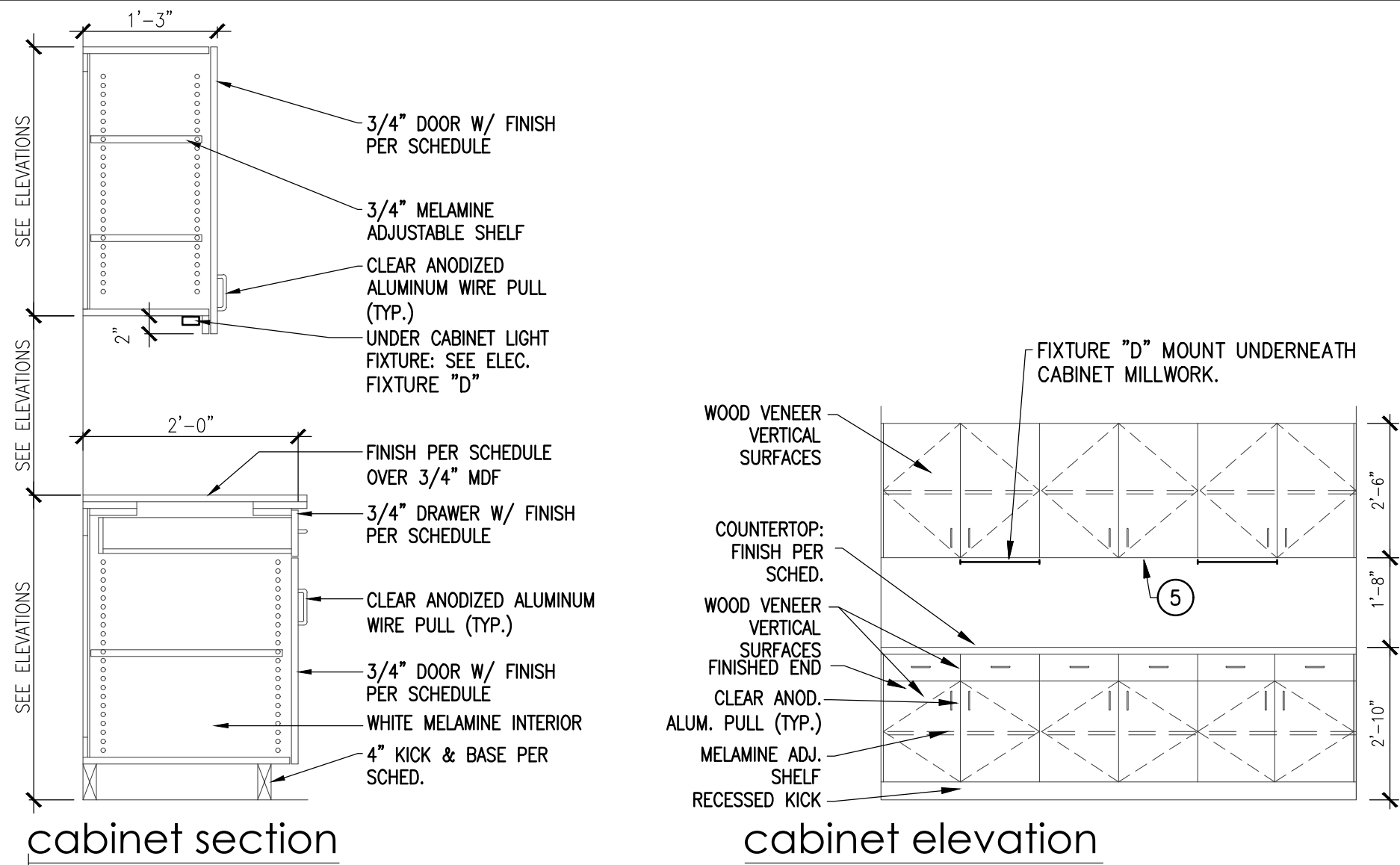
SCALE: 1/2" = 1'-0"

FIXTURE SCHEDULE

SYMBOL	MANUFACTURER NAME AND NUMBER	VA	LAMPS	MOUNTING	NOTES
A	METALUX #Z2C22-44VHE-UNV-L840-CD-1	32W	4500 LUMENS	RECESSED	
B	METALUX 24FP4740	41W	4556 LUMENS	RECESSED	
C	HALO #HC6-30-D010-REM7 HM6-34-940-61PS-MD-W	27W	3000 LUMENS	RECESSED	
CE	HALO #HC6-30-D010 HM6-34-940-61PS-MD-W	27W	3000 LUMENS	RECESSED	1
D	SSL UNDERLINE EDGE #UNLE-2-4K-WH	12W	620 LUMENS	UNDERCOUNTER	2
X1	SURE-LITES #ES SERIES ES7-2-WHG	.78W	INCLUDED	CEILING	
EM	SURELITES #APCH7R	1.02W	INCLUDED	WALL	

NOTE:

1. EMERGENCY DRIVER SHALL PROVIDE AT LEAST 1100 LUMENS FOR 90 MINUTES.
2. THIS FIXTURE IS AN UNDERCOUNTER LIGHT. THIS FIXTURE IS TO BE PROVIDED WITH A 120V POWER SUPPLY. CONTRACTOR SHALL PROVIDE ALL MOUNTING ACCESSORIES CLIPS REQUIRED.



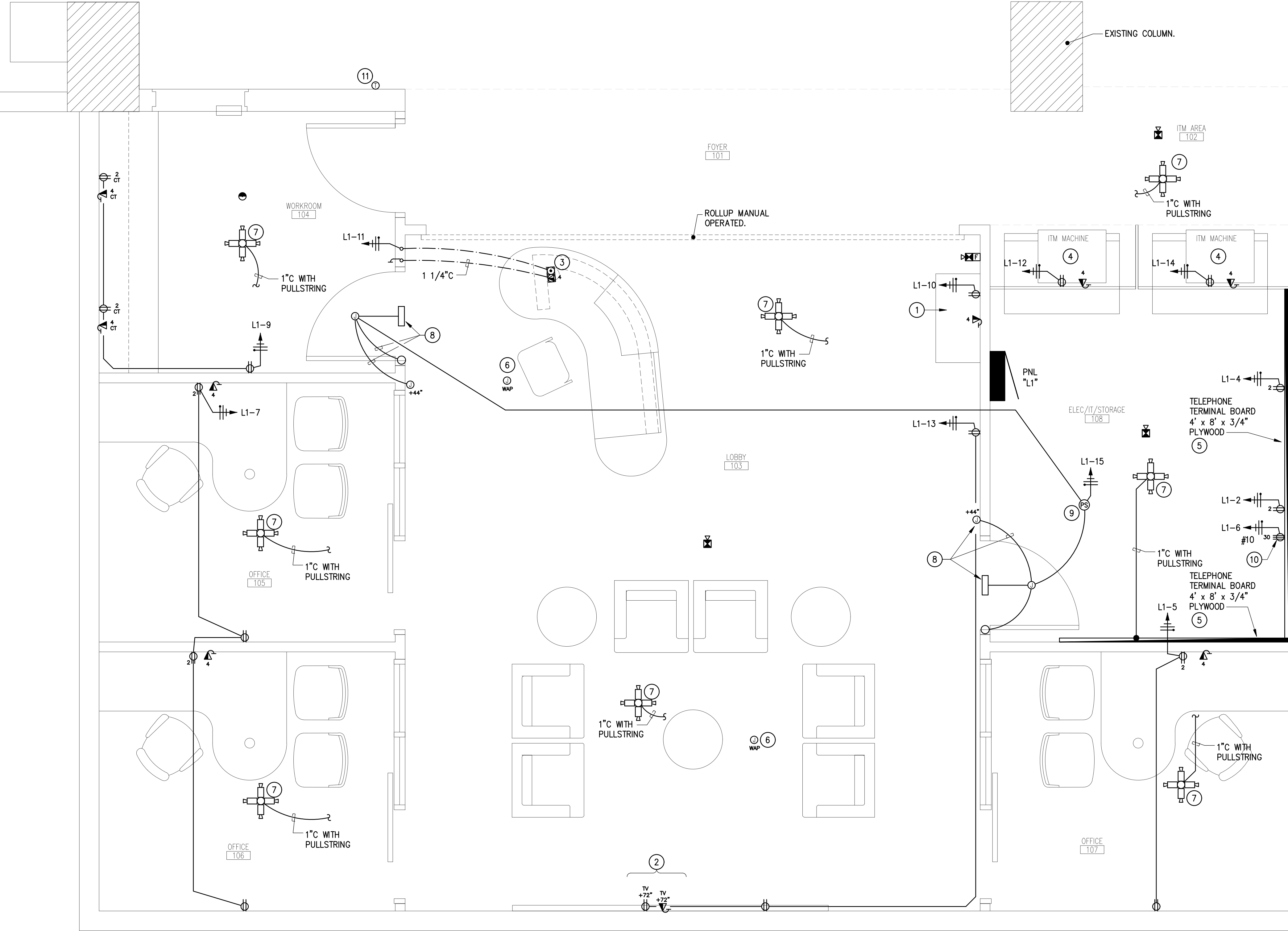
cabinet section

cabinet elevation

2
E102

UNDERE COUNTER FIXTURE "D" DETAIL

N.T.S.



KEYED NOTES

- 1 NEW KIOSK MACHINE. VERIFY ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- 2 PROVIDE AN OUTLET COMBO BOX FOR INTERACTIVE BOARD AT THIS LOCATION. COMBO BOX SHALL BE AN ARLINGTON 2-GANG RECESSED POWER/LOW VOLTAGE STEEL OUTLET BOX WITH A WHITE NON-METALLIC TRIM PLATE. (CAT #TVBS505 OR EQUAL) PROVIDE COMPLETE FACEPLATES, BOXES AND DATA OUTLETS AND OTHER ACCESSORIES FOR A COMPLETE INSTALLATION MOUNT BOX FLUSH IN WALL AND LOCATE BEHIND MONITOR. PROVIDE (1) 3/4"C FOR POWER AND (1) 1"C FOR DATA/PHONE. CONDUIT SHALL BE PROVIDED WITH BUSHINGS AT THE END AND STUBBED ABOVE THE ACCESSIBLE CEILING. FIELD VERIFY ROUGH-IN LOCATION WITH OWNER AND MONITOR PRIOR TO ROUGH-IN.
- 3 FLOOR DATA OUTLET SHALL E LOCATED AND COORDINATE WITH FURNITURE PRIOR TO ROUGH-IN. PROVIDE (4)CAT6A CABLES SEE FLOOR OUTLET DETAIL THIS SHEET.
- 4 "ITM" (INTERACTIVE TELLER MACHINE) 120V, 1ø 10A DEDICATED OUTLET. COORDINATE LOCATION AND MOUNTING HEIGHT PRIOR TO ROUGH-IN.
- 5 PROVIDE A 4' x 8' x 3/4" FIRE RATED PLYWOOD.
- 6 PROVIDE A 4"SQ. J-BOX FLUSH WITH CEILING AT THIS LOCATION FOR NEW E.C. PROVIDED AND INSTALLED WIRELESS ACCESS POINT. J-BOX SHALL BE PROVIDED WITH (1) CAT6A CABLE ROUTED TO THE IT RACK. PROVIDE A 3' OF CABLE SLACK AT THE J-BOX AND 10' OF CABLE SLACK BACK AT THE IT ROOM CONTRACTOR SHALL MAKE ALL FINAL CONNECTION. VERIFY LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- 7 PROVIDE A 4"SQ. J-BOX FLUSH WITH CEILING AT THIS LOCATION FOR A 4 WAY INTERIOR CAMERA. J-BOX SHALL BE PROVIDED WITH (2) CAT6A CABLES ROUTED TO THE IT ROOM. PROVIDE A 3' OF CABLE SLACK AT THE J-BOX AND 10' OF CABLE SLACK BACK AT THE IT ROOM CONTRACTOR SHALL MAKE ALL FINAL CONNECTION.
- 8 LOCATION OF ACCESS CONTROL HARDWARE AT THIS DOOR. PROVIDE AND INSTALL INFRASTRUCTURE REQUIRED FOR ACCESS CONTROL HARDWARE. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH DOOR MANUFACTURER. CONTRACTOR SHALL MAKE ALL CONNECTIONS FOR A COMPLETE AND FUNCTIONAL SYSTEM.
- 9 CONTRACTOR SHALL PROVIDE A POWER SUPPLY AND CIRCUIT SHOWN FOR ACCESS CONTROL POWER REQUIRED AT DOOR. REFER TO ACCESS CONTROL DETAIL AND ARCHITECTURAL DOOR SCHEDULE FOR MORE INFORMATION AND INSTALLATION.
- 10 PROVIDE (1) 110V, 30A DEDICATED CIRCUIT WITH NEMA L5-30R LOCKING RECEPTACLE. LOCATE RECEPTACLE AT +18" A.F.F.
- 11 NEW LOCATION OF RELOCATED T-STAT.

FLOOR BOX SCHEDULE

07
TYPE IS A 4" HUBBELL SYSTEM ONE NON-METALLIC FLOOR BOX FOR POWER AND DATA:

CARPET INSTALLATION:
(1)-SIPFB EQUIPPED W/ (1) S1DIV1.
(1)-S1 SP3 IM SUB PLATE.
(4)-SINGLE 120V POWER OUTLET
(4)-SINGLE RJ45 JACKS FOR DATA CONNECTION
AND
(1)-S1CFCL UNIVERSAL CARPET COVER.

INSTALL THE POWER AND DATA FACE PLATE FLUSH WITH FINISH FLOOR. PROVIDE ALL OTHER CONNECTORS, WIRE SEPARATORS, FITTINGS AND ALL OWNER REQUESTED POWER/AUDIO/VIDEO ACCESSORIES AS REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM. VERIFY AND COORDINATE CONNECTION WITH FINAL FURNITURE PLAN.

GENERAL NOTES

- A. CONTRACTOR SHALL COORDINATE LOCATION AND MOUNTING HEIGHT OF DEVICES WITH FINAL APPROVED FURNITURE LOCATION PRIOR TO ROUGH-IN.
- B. CONTRACTOR SHALL VERIFY FINAL "ITM" AND KIOSK MACHINE REQUIREMENTS PRIOR TO ROUGH-IN.
- C. ALL DATA PHONE SHOWN OR NOTED TO BE INSTALLED ADJACENT TO THE POWER OUTLETS WHERE APPLICABLE. REFER TO DATA/POWER OUTLET BOX DETAIL.
- D. DATA OUTLETS SHALL BE CATEGORY 6A RATED JACKS AND CABLES.
- E. COORDINATE ALL WORK WITH DOOR HARDWARE. VENDOR AND FINE ALARM SUBCONTRACTOR.
- F. LOCATION OF POWER SUPPLY SHALL BE MOUNTED ABOVE AN ACCESSIBLE CEILING.
- G. CCTV CAMERAS ARE OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL MAKE ALL CONNECTIONS FOR A COMPLETE AND FUNCTIONAL SYSTEM. CCTV ARE SHOWN FOR INFORMATION. "PROFESSIONAL SECURITY CONSULTANT" WILL FINALIZE LOCATIONS.
- H. THE EXISTING FIRE ALARM SYSTEM IS A "SIEMENS" VOICE EVACUATION. ALL NEW DEVICES SHALL BE COMPATIBLE TO THE SYSTEM.
- I. THE EXISTING FIRE ALARM CONTROL PANEL IS A ON THIS FLOOR IN THE EXISTING MAIN ELECTRICAL ROOM.
- J. THE NEW VOICE EVACUATION FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING "SEIMENS" FIRE ALARM PANEL. THE SYSTEM SHALL BE TESTED ONCE ALL DEVICES ARE CONNECTED.
- K. TV IS OWNER PROVIDED AND CONTRACTOR INSTALLED.

POWER NEW WORK PLAN

INTERIOR REMODEL FOR:

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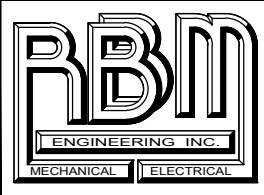
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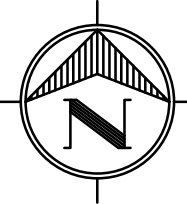
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E103

POWER / SPECIAL SYSTEMS NEW WORK PLAN

SCALE: 1/2" = 1'-0"