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 ALL IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. COMMERCIALS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION THROUGHOUT THESE DRAWINGS. WARNING: REPRODUCTION THROUGHOUT THESE DRAWINGS.

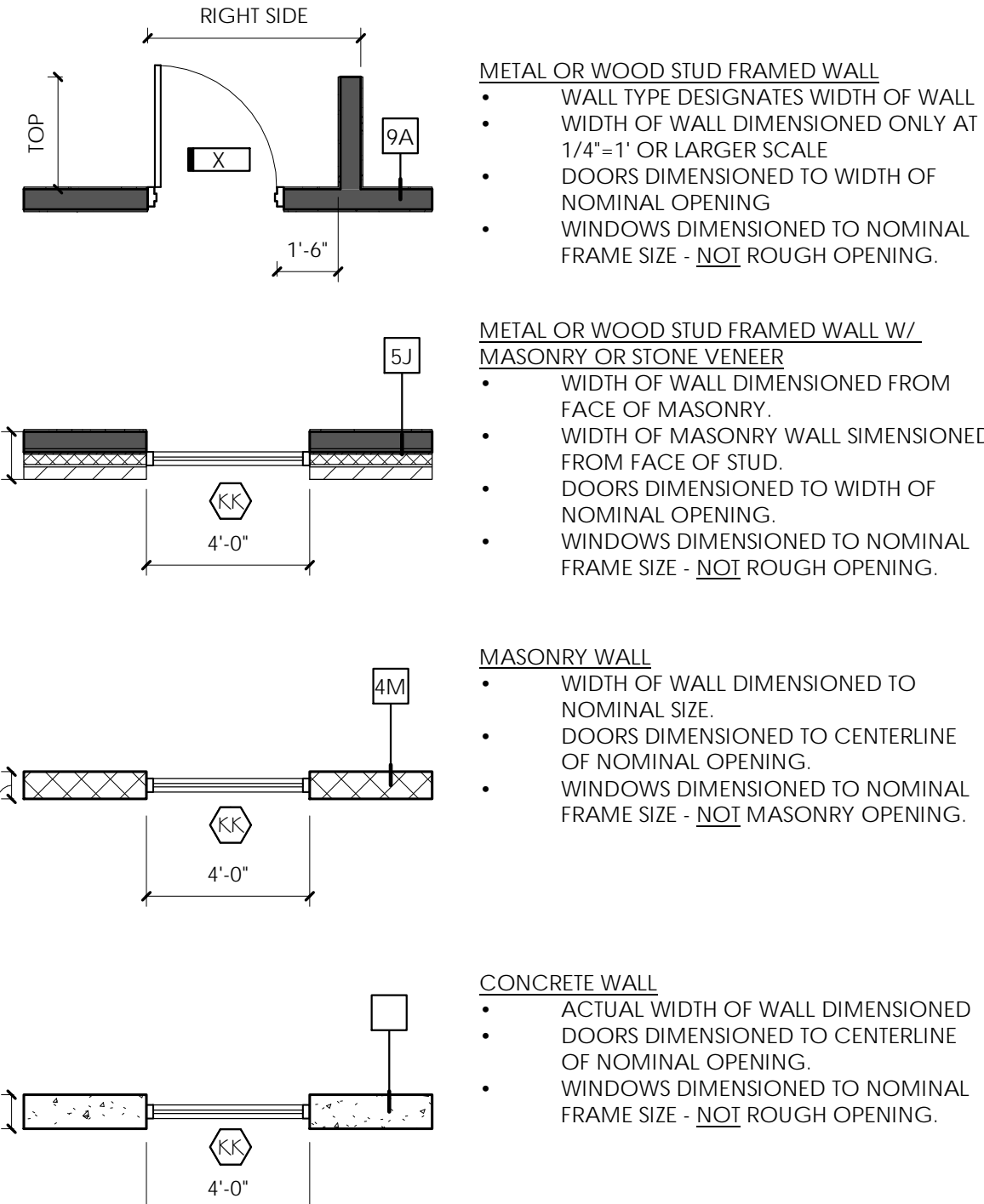
ABBREVIATIONS

ABBREV	ABBREVIATION (S)	EWC	ELECTRIC WATER COOLER	LTG	LIGHTING	REQ'D	REQUIRED
ABB	ABBREVIATION (S)	ELEC	ELECTRICAL	MAINT	MAINTENANCE	RES	RESILIENT
A.F.F.	ABOVE FINISHED FLOOR	ELEV OR EL	ELEVATION	MFG	MANUFACTURER	R	RISER
AD	ACCESS DOOR	ELEV	ELEVATOR	MO	MASONRY OPENING	RD	ROOF DRAIN
ACOUS	ACOUSTICAL	EQ	EQUAL	MAT'L	MATERIAL	RTU	ROOF TOP UNIT
A/C	AIR CONDITIONING	EQUIP	EQUIPMENT	MAX	MAXIMUM	RM	ROOM
ALUM	ALUMINUM	EXIST	EXISTING	MECH	MECHANICAL	R.O.	ROUGH OPENING
AB	ANCHOR BOLT	EJ	EXPANSION JOINT	MB	MECHANICAL BOLT	SECT	SECTION
APPR	APPROVED	EXT	EXTERIOR	MET	METAL	SHT	SHEET
AC	ASPHALT CONCRETE	FOC	FACE OF CONCRETE	MEZZ	MEZZANINE	SIM	SIMILAR
		FOS	FACE OF STUD	MIN	MINIMUM	SPECS	SPECIFICATIONS
BM	BEAM	FOW	FACE OF WALL	MISC	MISCELLANEOUS	SQ	SQUARE
BLK	BLOCK	FT	FEET	MULL	MULLION	SS	STAINLESS STEEL
BD	BOARD	FRP	FIBER REINFORCED PLASTIC	(N)	NEW	STD	STANDARD
BOT	BOTTOM	FF	FINISH FLOOR	NR	NON-RATED	STA	STATION
B.O.B	BOTTOM OF BEAM	FO	FINISHED OPENING	N.I.C.	NOT IN CONTRACT	STL	STEEL
BLDG	BUILDING	FHC	FIRE HOSE CABINET	N.I.S.	NOT TO SCALE	STG	STORAGE
		FLR	FLOOR	NO.	NUMBER	STRUCT	STRUCTURAL
CLG	CEILING	FD	FLOOR DRAIN	OFF	OFFICE	SIMUL	SIMULATED
CH	CEILING HEIGHT	FS	FLOOR SINK	OCC	OFFICE	SUSP	SUSPENDED
CEM	CEMENT	FDN	FOUNDATION	OC	ON CENTER	SYM	SYMMETRICAL
C/C	CENTER TO CENTER	FH	FULL HEIGHT	OPN'G	OPENING	TEL	TELEPHONE
CER	CERAMIC	FS	FULL SIZE	OCC	OPERATOR CONTROL CENTER	TEMP	TEMPERED
CLR	CLEAR	FSD	FULL SIZE DETAIL	OP	OPPOSITE	THK	THICK
CLOS	CLOSET	GR	GYP. BD.	OH	OPPOSITE HAND	T&G	TONGUE & GROOVE
COL	COLUMN	GV	GALVANIZED	OD	OUTSIDE DIAMETER	TBC	TOP BACK OF CURB
COMPO	COMPOSITION	OV	OVERFLOW	OFI	OWNER FURNISH ITEM	T.O.C.	TOP OF CONCRETE OR CURB
CONC	CONCRETE	GC	GENERAL CONTRACTOR	OFOI	OWNER FURNISHED OWNER INSTALLED	T.O.F.	TOP OF FOOTING
CNU	CONCRETE MASONRY UNIT	GL	GLASS	PR	PAIR	T.O.P.	TOP OF PARAPET
CONN	CONNECTION	GFR	GLASS FIBER REINFORCED CONCRETE	PLAS	PLASTIC	T.O.S.	TOP OF STEEL
CONT	CONTINUOUS	GR	GYP. BOARD	PL	PLATE	T.O.W.	TOP OF WALL
CORD	COORDINATE	HDWD	HARDWOOD	PLWD	PLYWOOD	TDC	TRAFFIC DECK COVERING
CORR	CORRIDOR	HIGH	HIGH	PL	PLATE	T	TREAD
CSK	COUNTERSINK	HP	HIGH POINT	PREP	PREPARATION	TYP	TYPICAL
		HM	HOLLOW METAL	PT	PRESSURE TREATED	UNO	UNLESS NOTED OTHERWISE
		HORIZ	HORIZONTAL	PDF	PRESSURE TREATED DOUGLAS FIR	V.I.F.	VERIFY IN FIELD
		INT	INTERIOR	PROJ	PROJECTION	VER	VERTICAL
		INSUL	INSULATION	QT	QUARRY TILE	WC	WATER CLOSET
		JAN	JANITOR	REF	REFERENCE	WL	WATER LEVEL
		LEV	LAVATORY	R OR RAD	RADIUS	WP	WATERPROOFING
		LAV	LAVATORY	REDW'D	REDWOOD	W	WIDE
		LTWT	LIGHT WEIGHT	REFL	REFLECTED	WD	WOOD
				RCP	REFLECTED CEILING PLAN	WP	WORKING POINT
				REIN	REINFORCE	WI	WROUGHT IRON

DIMENSIONING LEGEND (TYPICAL PLAN VIEWS)

NEW CONSTRUCTION

ALL NEW CONSTRUCTION IS SHOWN HATCHED & SHADED AS ILLUSTRATED BELOW.
 ALL NEW CONSTRUCTION IS FULLY NOTED AS SHOWN BELOW.
 ALL WORK IS NEW UNLESS LABELED "EXISTING"



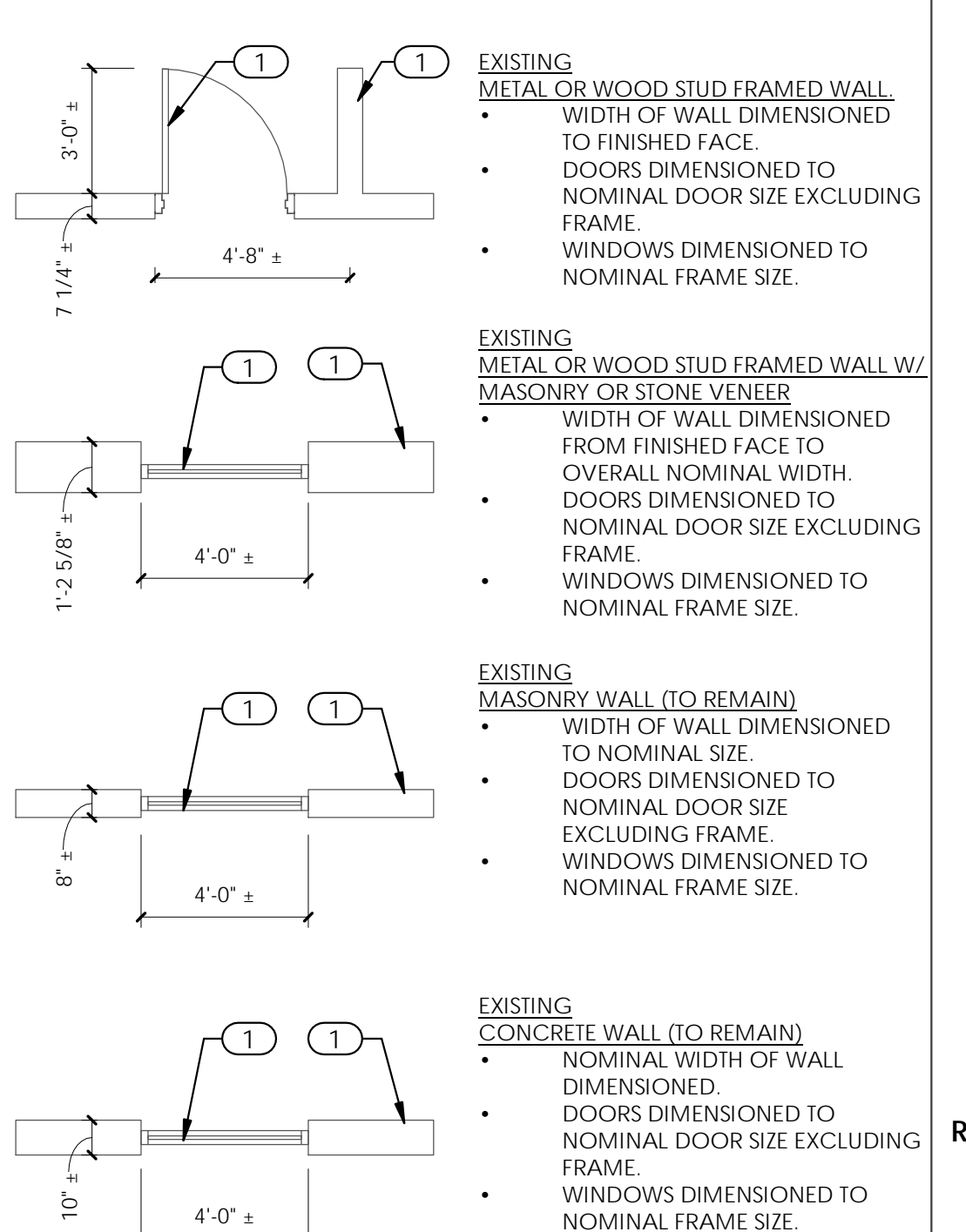
NEW CONSTRUCTION AT EXISTING

NEW CONSTRUCTION SHOWN HATCHED W/ THICKER LINE.
 ALL EXISTING COMPONENTS SHOWN THIN LINE SOLID, NO HATCH.



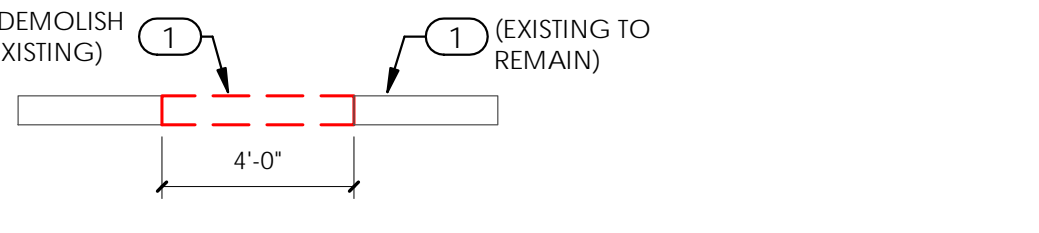
EXISTING CONDITIONS

ALL EXISTING CONSTRUCTION IS SHOWN WITHOUT HATCH AS ILLUSTRATED BELOW.
 ALL EXISTING CONSTRUCTION IS LABELED "EXISTING" BY KEYNOTE OR OTHERWISE.
 ALL DIMENSIONS TO EXISTING ARE APPROXIMATE ONLY AND ARE TO BE FIELD VERIFIED BY THE CONTRACTOR.



DEMOLITION AT EXISTING

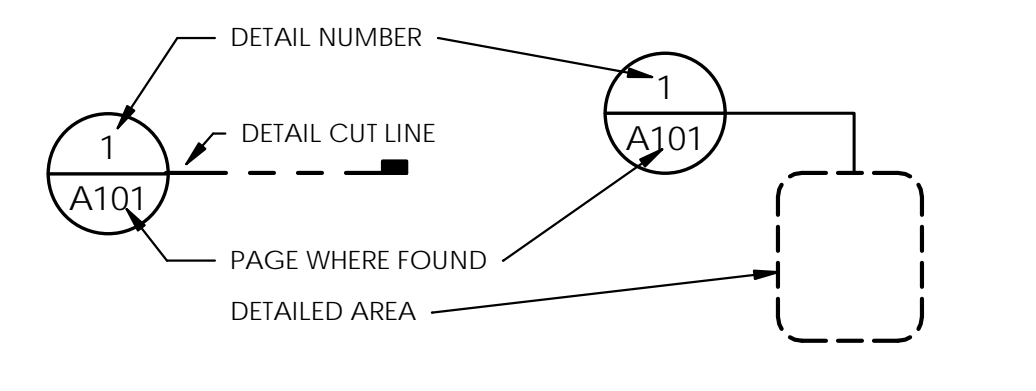
ALL EXISTING COMPONENTS SHOWN THIN LINE SOLID, NO HATCH.
 ALL COMPONENTS TO BE DEMOLISHED ARE SHOWN DASHED, THICK LINE.



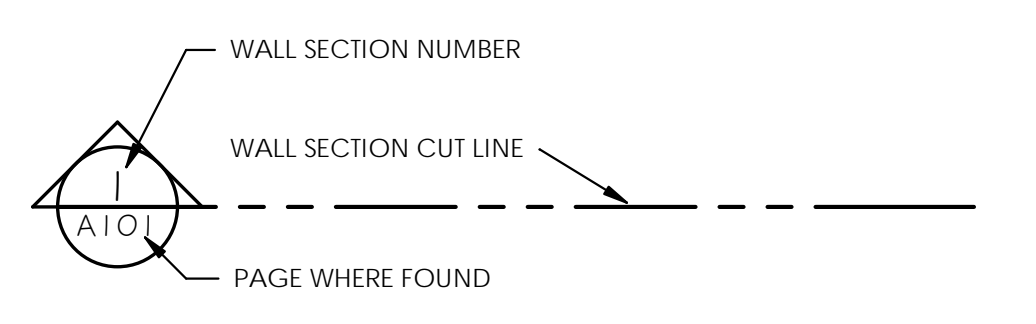
SYMBOLS

	CENTER LINE		WORK POINT OR ELEV. BENCH MARK
#	NUMBER		DIAMETER OR ROUND
°	DEGREE		NORTH ARROW
&	AND		GRID HEAD
@	AT		

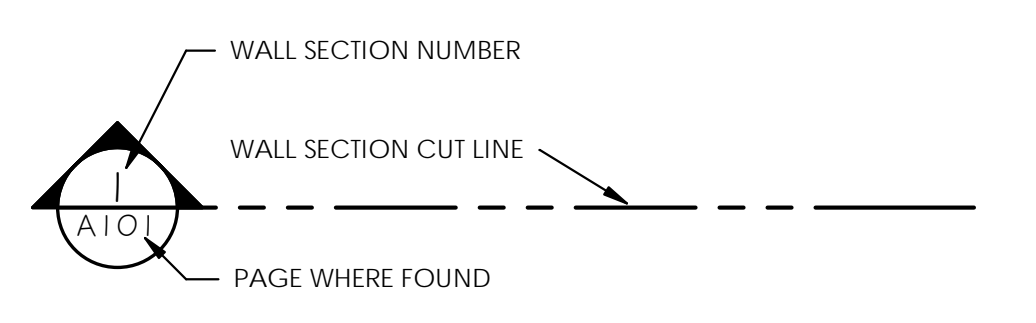
DETAIL



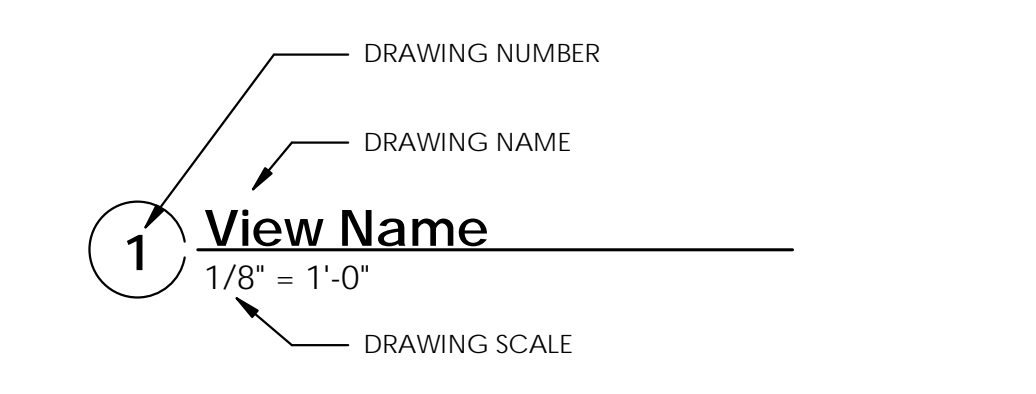
WALL SECTION



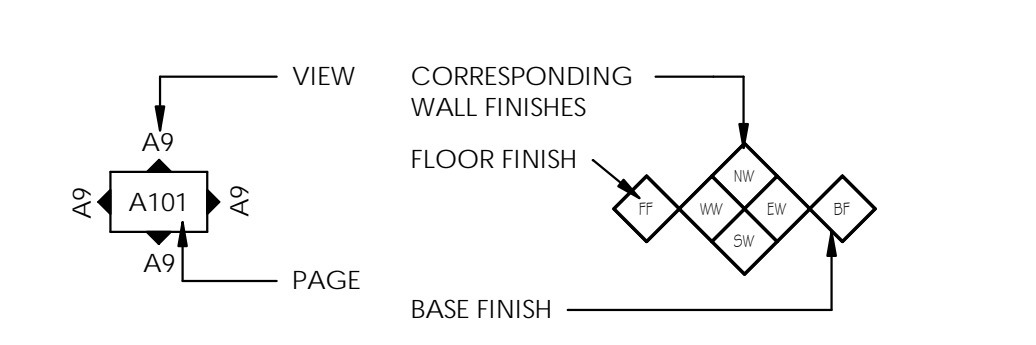
BUILDING SECTION



DRAWING

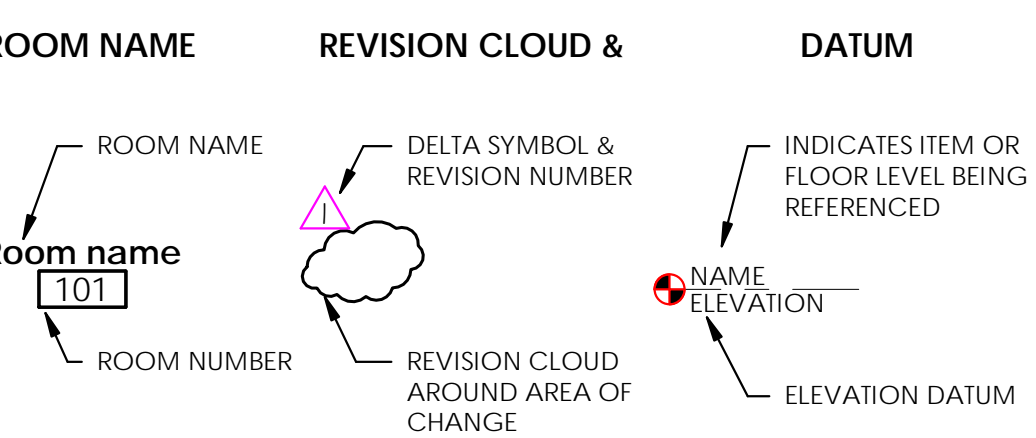


ELEVATION



MISCELLANEOUS KEYED NOTE

	WINDOW/CURTAIN WALL DESIGNATION. SEE WINDOW SCHEDULE.
	KEYNOTE.
	GLAZING MODIFIER.
	GLAZING DESIGNATION.
	DOOR DESIGNATION. SEE DOOR SCHEDULE.
	WALL, FLOOR, CEILING, ROOF DESIGNATION. SEE APPROPRIATE TYPE SHEETS.
	WALL, FLOOR, BASE, CEILING FINISH TAG. THIS SYMBOL WHEN ATTACHED TO A WALL SHALL INDICATE THIS FINISH FOR ENTIRE LENGTH OF WALL FROM ONE INTERSECTION TO THE NEXT AND NOT BE TERMINATED BY WINDOWS OR DOORS UNO.



GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL HEREAFTER BE REFERRED TO AS "GENERAL CONTRACTOR" OR "GC". THE OWNER MAY HEREAFTER BE REFERRED TO AS "OWNER".
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL WORK REGARDLESS OF THE LOCATION OF THE INFORMATION IN THE DOCUMENTS. THE GENERAL CONTRACTOR SHALL UTILIZE THE COMPLETE & ENTIRE CONSTRUCTION DRAWINGS AND WRITTEN SPECIFICATIONS FOR ALL REQUIRED INFORMATION TO PROVIDE COMPLETE CONSTRUCTION OF THIS PROJECT AND IS RESPONSIBLE TO COORDINATE ALL DRAWINGS AND SPECIFICATIONS WITH ALL SUBCONTRACTORS REGARDLESS OF LOCATION IN CONTRACT DOCUMENTS. ITEMS LISTED IN DRAWINGS MAY NOT BE INCLUDED IN SPECIFICATIONS. ITEMS LISTED IN SPECIFICATIONS MAY NOT BE INCLUDED IN DRAWINGS.
- UNLESS OTHERWISE INDICATED IN THE CONSTRUCTION DOCUMENTS AS BEING NOT IN CONTRACT (N.I.C.) OR EXISTING, ALL ITEMS, MATERIALS AND INSTALLATION OF SAME ARE PART OF THE CONTRACT AS DEFINED BY THE ENTIRE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS. THE GC SHALL PROVIDE AND INSTALL ALL ACCESSORIES, COMPONENTS AND ASSEMBLIES REQUIRED FOR THE WORK DEPICTED OR SPECIFIED.
- THE GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING ANY WORK AND SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY SUBCONTRACTORS. THE GC SHALL ACCEPT PREMISES AS FOUND. OWNER WILL MAINTAIN THE EXISTING CONDITION OF THE SITE AND EXISTING STRUCTURES AT THE TIME OF BIDDING.
- DISCREPANCIES BETWEEN PORTIONS OF THE CONTRACT DOCUMENTS ARE NOT INTENDED. THE GENERAL CONTRACTOR IS TO CLARIFY WITH THE ARCHITECT ANY SUCH DISCREPANCIES DURING BIDDING AND PRIOR TO COMMENCING WORK.
- DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS; DO NOT SCALE DRAWINGS TO DETERMINE ANY LOCATIONS. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO CONTINUING WITH WORK.
- ALL PLAN DIMENSIONS ARE FROM GRIDLINE OR FACE OF STUD OR FACE OF BLOCK UNLESS OTHERWISE INDICATED. SEE SECTION ON "DIMENSIONING" THIS SHEET.
- THE CONTRACTOR SHALL REPORT TO THE ARCHITECT ALL CONDITIONS REQUIRING COORDINATION/ CHANGES WITH THE CONTRACT DOCUMENTS. COORDINATION / APPROVAL SHALL TAKE PLACE BEFORE THE WORK BEGINS. ALL CHANGES TO THE CONTRACT COST SHALL BE APPROVED THROUGH A CHANGE ORDER.
- DETAILED DRAWINGS AND LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS.
- THE ARCHITECT WILL REVIEW SHOP DRAWINGS AND SAMPLES FOR CONFORMANCE WITH DESIGN CONCEPT OF THE PROJECT. THE ARCHITECT'S REVIEW OF A SEPARATE ITEM SHALL NOT INDICATE APPROVAL OF AN ASSEMBLY IN WHICH THE ITEM FUNCTIONS. THE ARCHITECT WILL NOT REVIEW SHOP DRAWINGS UNTIL THE GC HAS REVIEWED AND STAMPED THE SHOP DRAWING/SUBMITTAL. THE GC IS RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS SHOWN ON THE SHOP DRAWINGS. THE ARCHITECT'S REVIEW OF THE SHOP DRAWINGS SHALL NOT OVERRIDE THE CONDITIONS DESCRIBED IN THE CONTRACT DOCUMENTS UNLESS SPECIFICALLY NOTED OTHERWISE BY THE ARCHITECT.
- FOR CONSTRUCTION DETAILS NOT SHOWN, USE THE MANUFACTURER'S STANDARD DETAILS OR APPROVED SHOP DRAWINGS / DATA SHEETS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- ALL WORK, MATERIALS AND METHODS SHALL BE IN CONFORMANCE WITH THE CODES, ORDINANCES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION AT THE PROJECT LOCATION. THE GENERAL CONTRACTOR MUST COMPLY WITH THE CONTRACTOR REGISTRATION REQUIREMENTS OF ALL GOVERNING AUTHORITIES.
- ALL PROJECT CONSTRUCTION SHALL CONFORM WITH ANSI A-117.1-2009, AND THE AMERICANS WITH DISABILITIES ACT (ADA).
- THE GENERAL CONTRACTOR SHALL NOTIFY ALL APPLICABLE LOCAL GOVERNING AUTHORITIES AND UTILITIES PRIOR TO COVERING UP ANY WORK REQUIRING INSPECTION.
- THE GENERAL CONTRACTOR SHALL MAINTAIN MEANS OF EGRESS AND FIRE PROTECTION SYSTEMS SHALL BE MAINTAINED DURING CONSTRUCTION & DEMOLITION.
- A GENERAL BUILDING PERMIT IS REQUIRED. ALL PERMITS & CONNECTION FEES SHALL BE SECURED BY THE GENERAL CONTRACTOR AND REIMBURSED THROUGH THE OWNER.
- THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL FIRE EXTINGUISHERS WHERE SHOWN ON PLAN.
- MINIMUM FLAME SPREAD CLASSIFICATION OF INTERIOR FINISH SHALL CONFORM TO THE BUILDING CODE AND LOCAL GOVERNING BUILDING CODES/ORDINANCES. SEE CODE SUMMARY, SHEET AE001.
- THE GENERAL CONTRACTOR SHALL PROVIDE AND IS SOLELY RESPONSIBLE AND LIABLE FOR PUBLIC AND EMPLOYEE PROTECTION AS NECESSARY AND AS REQUIRED BY THE CODES, INCLUDING EXTERIOR AND INTERIOR PEDESTRIAN TRAFFIC BARRIERS. ALL WORK SHALL CONFORM TO THE ORDINANCES AND REGULATIONS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION AT THE PROJECT.
- THE GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES FOR DUST AND NOISE CONTROL, AND ALL REQUIRED ENVIRONMENTAL PROTECTION WHERE WORK JOINS EXISTING CONDITIONS.
- ALL DEBRIS SHALL BE REMOVED FROM PREMISES AND ALL AREAS SHALL BE LEFT IN A CLEAN (BROOM) CONDITION DAILY.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE AND TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT, AND WHEN IDENTIFIED TO PROTECT THEM FROM DAMAGE. THE GENERAL CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF IDENTIFIED UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.

NEW MATERIALS LEGEND (TYPICAL SECTION VIEWS)

	METAL		FINISHED WOOD MEMBER		CONTINUOUS WOOD MEMBER		MINERAL WOOL INSULATION
	EARTH		PLYWOOD		WOOD BLOCKING		ALUMINUM
	CONCRETE		BATT INSULATION		PLASTER OR STUCCO		GRAVEL
	CONCRETE MASONRY UNIT		GYP. BOARD		RIGID INSULATION		STONE

DEFERRED SUBMITTALS:

- BUILDING FIRE SPRINKLER WORK
- BUILDING FIRE ALARM SYSTEM WORK
- SUSPENDED CEILING SYSTEMS
- SEISMIC RESTRAINTS FOR ELECTRICAL
- SEISMIC RESTRAINTS FOR HVAC
- GLASS DEFLECTION CALCULATIONS FOR BUTT GLAZING CONDITIONS

NOTES TO BIDDERS:

- REFERENCE SPECIFICATIONS FOR INCLUDED ALLOWANCES:
- EXISTING GYP. BD. PATCHING & REPAIR
 - EXISTING CONCRETE FLOOR SLAB PREPARATION FOR NEW FLOORING
 - EXISTING PENETRATIONS FIRE STOPPING

FURNITURE IS SHOWN FOR REFERENCE ONLY AND WILL BE OWNER PROVIDED, BUT SHOULD BE COORDINATED DURING CONSTRUCTION BY THE CONTRACTOR. CONTRACTOR TO COORDINATE ANY AND ALL CONCERNS FOR POWER, PLUMBING, ELECTRICAL, MILLWORK, ETC. AND COORDINATION WITH OWNER-PROVIDED FURNITURE AND APPLIANCES.

CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN BIDDING THIS PROJECT SHALL BE RESPONSIBLE FOR INFORMATION CONTAINED IN ANY AND ALL SHEETS OF DRAWINGS AND SPECIFICATIONS.

SCOPE OF WORK:

NEW TENANT IMPROVEMENT WITHIN THE EXISTING KEY BANK TOWER BUILDING ON THE 10th and 16th FLOORS. CONSTRUCTION IS AN ENTRY LOBBY SPACE, A SET OF OPEN OFFICES, COLLABORATION ROOMS, TRAINING CLASSROOMS, COPY/WORK ROOMS, A STORAGE ROOM, AN IT CLOSET, A BREAK ROOM, PHONE ROOMS, AND A MOTHER'S ROOM OF TYPICAL CONSTRUCTION AND AVERAGE FINISH LEVELS. TO AID WITH SOUND TRANSFER, ALL ACOUSTICAL WALLS TO GO TO DECK. ALL WALLS SEPARATING NOISY SPACES TO BE ACOUSTICAL WALLS.

EXISTING SPACE WILL NEED TO BE FIELD VERIFIED, MEASURED, AND MODIFIED TO COMPLETE PROJECT, INCLUDING PLUMBING AND MECHANICAL PENETRATIONS AND NEW FINISHES ON EXISTING WALLS. CONTRACTOR TO ENSURE ENTIRE SPACE IS OF NEW QUALITY AND FINISH LEVEL. ALL EXISTING EXPOSED SURFACES TO RECEIVE PAINT OR NEW FINISHES. SEE FINISH PLANS.

SPECIAL INSPECTIONS:

- GENERAL CONTRACTOR TO PROVIDE SPECIAL INSPECTION FOR PENETRATIONS NOTED ON SHEET AE007 AS REQUIRED IN IBC SEC. 1705.17.



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

KEY BANK TOWER
 LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

GENERAL NOTES
 LEGENDS
 ABBREVIATIONS

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: ajc
 CHECKED BY: K. RIGBY
 PROJECT#: 1904

SHEET NUMBER:

GI002

GENERAL NOTES:

- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- SEE SHEET AE620 FOR FINISH LEGEND
- DO NOT SCALE DRAWINGS.
- CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.
- SEE SHEET AE005, AE006, AE007 FOR UL WALL ASSEMBLIES
- SEE SHEET AE008 FOR UL FIRESTOPPING FOR ANY NEW PENETRATIONS THROUGH RATED ASSEMBLIES. THROUGH PENETRATION FIRE STOPPING FOR EXISTING FOUND PENETRATIONS TO BE ACCOUNTED FOR PER ALLOWANCE - SEE SPECIFICATIONS.
- SEE SHEET AE530 FOR TYPICAL WALL FRAMING DETAILS.
- SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
- ALL EXISTING GYP. BD. WALL SURFACES TO BE PATCHED AND REPAIRED TO ATTAIN A LEVEL 5 FINISH.
- ALL NEW GYP. BD. WALL SURFACES TO BE FINISHED TO A LEVEL 5 FINISH.

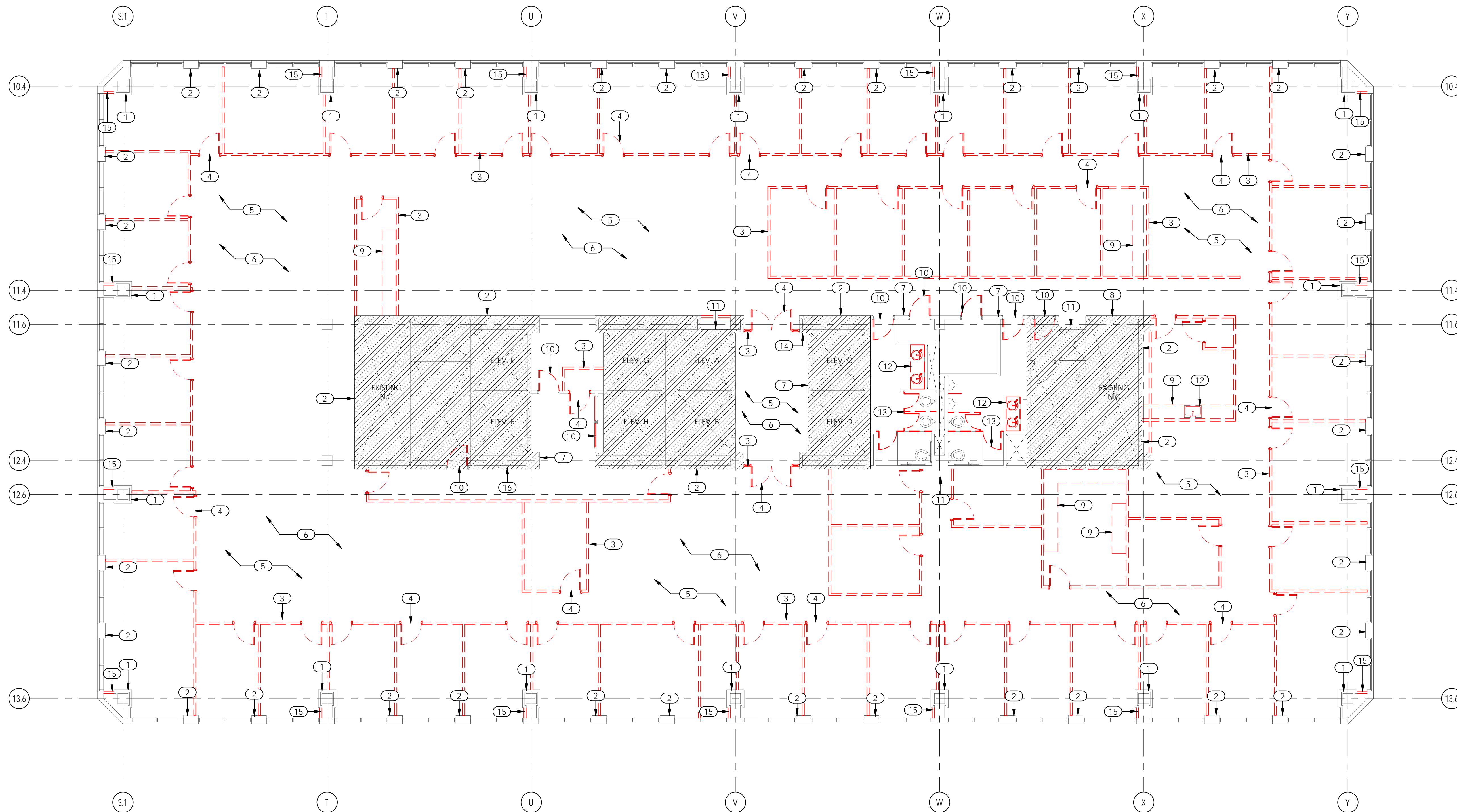
NOTE:
NEW DRAIN LINES AND CONDUIT FOR ELECTRICAL/DATA FLOOR BOXES TO BE RUN BELOW FLOOR SLAB AND ABOVE CEILINGS AT FLOOR BELOW - REFER TO PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATIONS AND EXTENT OF SCOPE. COORDINATE W/ OWNER'S PROJECT & BUILDING MANAGER. CONTRACTOR IS RESPONSIBLE FOR EXISTING CEILING REPAIR & REPLACEMENT COSTS. WEEKEND & AFTER-HOURS WORK MAY BE REQUIRED FOR ACCESS.

KEYED NOTES:

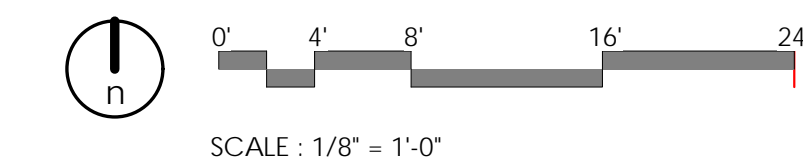
- EXISTING COLUMNS AND GYP. BD. TO REMAIN. PROTECT DURING CONSTRUCTION. PATCH AND REPAIR BY ALLOWANCE. SEE SPECIFICATIONS.
- PATCH AND REPAIR ALL EXISTING WALLS AS REQUIRED PER ALLOWANCE. SEE SPECIFICATIONS.
- WALLS TO BE REMOVED. TYPICAL AS SHOWN.
- DOOR AND FRAME TO BE REMOVED. TYPICAL AS SHOWN.
- ALL FLOORING, BASE & ADHESIVE TO BE REMOVED. PREPARE FOR NEW FLOOR BY ALLOWANCE. SEE FINISH SCHEDULE AND SPECIFICATIONS.
- ALL CEILINGS TO BE REMOVED.
- ALL EXISTING SIGNAGE TO BE REMOVED.
- REMOVE EXISTING FIRE HOSE ASSEMBLY. PATCH AND REPAIR WALL. REMOVE ALL MILLWORK AND SHELVING.
- REMOVE DOOR PANEL ONLY. FRAME TO REMAIN. PROTECT FROM DAMAGE.
- CORE DRILL FLOOR FOR NEW PLUMBING. SEE ANNOTATED PLAN AND PLUMBING DRAWINGS.
- REMOVE COUNTER, SINKS AND FAUCETS. SEE PLUMBING DRAWINGS.
- REMOVE RESTROOM PARTITIONS AND ALL ACCESSORIES, TOILETS AND URINALS TO REMAIN.
- ALL VENEER TO BE REMOVED TO GYP. BD. BELOW.
- REMOVE ONE FACE OF COLUMN WRAP FOR NEW ELECTRICAL INSTALLATIONS. SEE ELECTRICAL DRAWINGS AND COORDINATE LOCATION.
- REMOVE EXISTING MAIL CHUTE. PATCH AND REPAIR WALL.

DEMOLITION NOTES:

- THE EXISTING SPRINKLER SYSTEM MUST REMAIN OPERATIONAL DURING THE CONSTRUCTION PROCESS. THE FINAL RENOVATED SPRINKLER LAYOUT WILL BE SUBMITTED FOR APPROVAL.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DOCUMENTS AND FIELD CONDITIONS PRIOR TO PROCEEDING WITH THE WORK. IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL, CLARIFY THE POINT IN QUESTION WITH THE ARCHITECT BEFORE PROCEEDING.
- THE CONTRACTOR IS TO LEAVE ALL EXISTING STRUCTURAL MEMBERS IN PLACE, UNAFFECTED, AND UNDAMAGED BY DEMOLITION UNLESS IDENTIFIED FOR SELECTIVE DEMOLITION.
- ALL MATERIALS OF CONSTRUCTION THAT HAVE BEEN DEMOLISHED ARE TO BE REMOVED FROM THE SITE AT THE EXPENSE OF THE DEMOLITION CONTRACTOR UNLESS NOTED OTHERWISE.
- ALL UTILITIES AFFECTED BY DEMOLITION SHALL BE DISCONNECTED, INCLUDING COMPLETION OF ALL REQUIRED FILINGS AND ATTAINMENT OF APPROVALS, BY THE APPROPRIATE TRADE.
- CONTRACTOR SHALL TAKE CARE NOT TO OVERLOAD EXISTING FLOORS.
- PERIODIC INSPECTIONS BY ELECTRICAL, MECHANICAL, AND PLUMBING CONSULTANTS, OWNER, AND ARCHITECT ARE TO BE HELD WEEKLY DURING DEMOLITION TO OBSERVE PROGRESS AND PROVIDE ADDITIONAL INFORMATION AS NEEDED FOR SELECTIVE DEMOLITION.
- CONSIDERATION FOR PROTECTION OF EXISTING WINDOWS/DOORS AND BUILDING ENVELOPE ELEMENTS SHOWN TO REMAIN ARE TO BE INCLUDED DURING DEMOLITION.
- BUILDING INTERIOR IS TO BE SELECTIVELY DEMOLISHED PER THESE DRAWINGS. BUILDING ENVELOPE AND SECURITY SHALL BE MAINTAINED THROUGHOUT THE DEMOLITION PROCESS U.N.O.
- AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREA SHALL BE LEFT IN "BROOM CLEAN" CONDITION. ALL DEBRIS AND MISCELLANEOUS MATERIAL SHALL BE REMOVED.
- WALLS THAT ARE SCHEDULED TO BE DEMOLISHED SHOULD ALSO INCLUDE ALL EXISTING DOORS, CASEWORK, AND VENEER MATERIALS ASSOCIATED WITH THOSE WALLS.
- ALL REMAINING WALLS SHOULD HAVE FINISHES DEMOLISHED TO A GRAY SHELL CONDITION. THIS INCLUDES THE REMOVAL OF ANY EXISTING SURFACE VENEER MATERIALS, WAINSCOT MILLWORK, OR WALLPAPER IN ORDER TO TAKE THE WALLS BACK DOWN TO A WALL BOARD ONLY SURFACE. ANY DAMAGED EXISTING GYP. BD. TO REMAIN SHALL BE PATCHED AND REPAIRED ACCORDING TO ALLOWANCE - SEE SPECIFICATIONS.
- UPON COMPLETION OF DEMOLITION CONTRACTOR SHALL EVALUATE THE EXISTING CONDITION OF THE FIREPROOFING ON THE EXPOSED STRUCTURAL FRAME. CONTRACTOR SHOULD PATCH AND REPAIR ALL FIREPROOFING PROTECTIVE MATERIALS THAT ARE REQUIRED TO BRING THE STRUCTURAL FRAME BACK INTO COMPLIANCE WITH THE DESIGNED FIRE RATING OF THE BUILDINGS STRUCTURAL FRAME.
- UPON COMPLETION OF DEMOLITION CONTRACTOR SHALL EVALUATE THE EXISTING CONDITION OF FIRE RATED WALLS AND PATCH AND REPAIR ANY PENETRATIONS THAT HAVE BEEN MADE IN THOSE WALLS AS NECESSARY TO MAINTAIN THE INTEGRITY OF THE DESIGN FIRE RATING OF EACH WALL ACCORDING TO ALLOWANCE - SEE SPECIFICATIONS. EXISTING PENETRATIONS CAUSED BY PAST RENOVATIONS PROJECTS TO THE SPACE SHOULD BE REPAIRED AS WELL AS ANY NEW PENETRATIONS CAUSED BY THE DEMOLITION ACTIVITIES. SEE SPECIFICATIONS FOR ALLOWANCE AMOUNT.
- CONTRACTOR SHOULD EVALUATE ANY DEMOLITION REQUIRED IN THE FLOOR & CEILING BELOW FOR THE ROUTING OF NEW PLUMBING AND INCORPORATE THAT EFFORT IN THEIR SCOPE. EVERY FLOOR SHOULD BE MADE TO BE THE LEAST INVASIVE POSSIBLE. AS THOSE FLOORS ARE OCCUPIED THIS WORK MAY NEED TO BE SCHEDULED AFTER NORMAL WORK HOURS.



A1 LEVEL 10 - FLOOR PLAN - DEMOLITION
1/8" = 1'-0"



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 10 - DEMOLITION
FLOOR PLAN**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
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DRAWN BY: ajc
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SHEET NUMBER:

AD001

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ALL IDEAS, DESIGNS, ARRANGEMENTS OR PLANS INDICATED OR REFERRED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND SHALL BE KEPT IN CONFIDENCE. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION THROUGHOUT THE U.S. IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS P.C. UNAUTHORIZED REPRODUCTION IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED REPRODUCTION MAY CONSTITUTE TRADE SECRET VIOLATION UNDER 18 U.S.C. SEC. 1832 AND OTHER LAWS.

GENERAL NOTES:

- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- SEE SHEET AE620 FOR FINISH LEGEND
- DO NOT SCALE DRAWINGS.
- CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK. AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.
- SEE SHEET AE005, AE006, AE007 FOR UL WALL ASSEMBLIES
- SEE SHEET AE008 FOR UL FIRESTOPPING FOR ANY NEW PENETRATIONS THROUGH RATED ASSEMBLIES. THROUGH PENETRATION FIRE STOPPING FOR EXISTING FOUND PENETRATIONS TO BE ACCOUNTED FOR PER ALLOWANCE - SEE SPECIFICATIONS.
- SEE SHEET AE530 FOR TYPICAL WALL FRAMING DETAILS.
- SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
- ALL EXISTING GYP. BD. WALL SURFACES TO BE PATCHED AND REPAIRED TO ATTAIN A LEVEL 5 FINISH.
- ALL NEW GYP. BD. WALL SURFACES TO BE FINISHED TO A LEVEL 5 FINISH.

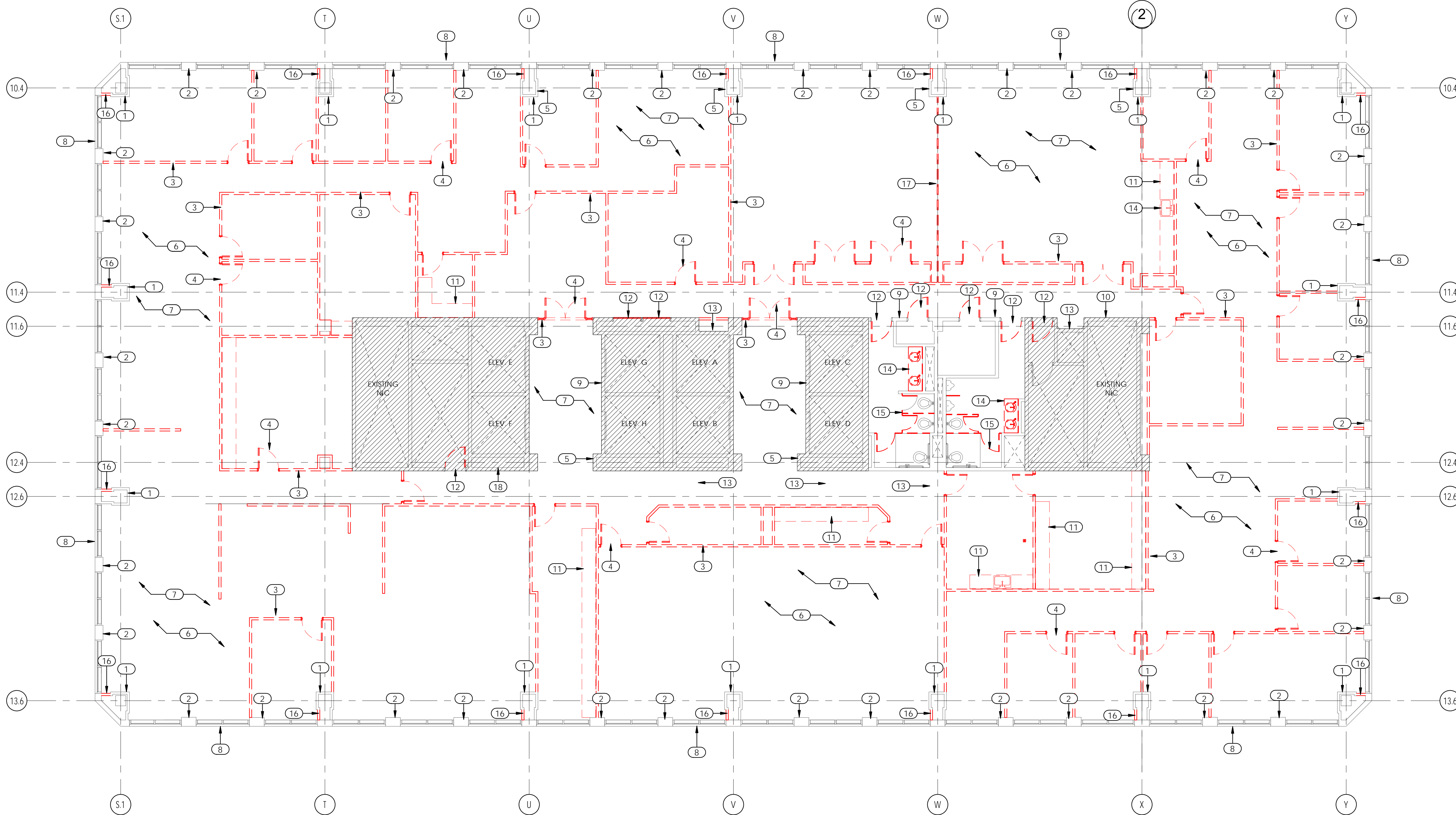
NOTE:
NEW DRAIN LINES AND CONDUIT FOR ELECTRICAL/DATA FLOOR BOXES TO BE RUN BELOW FLOOR SLAB AND ABOVE CEILINGS AT FLOOR BELOW - REFER TO PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATIONS AND EXTENT OF SCOPE. COORDINATE W/ OWNER'S PROJECT & BUILDING MANAGER, CONTRACTOR IS RESPONSIBLE FOR EXISTING CEILING REPAIR & REPLACEMENT COSTS. WEEKEND & AFTER-HOURS WORK MAY BE REQUIRED FOR ACCESS.

KEYED NOTES:

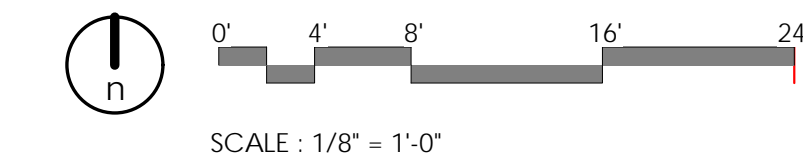
- EXISTING COLUMNS AND GYP. BD. TO REMAIN. PROTECT DURING CONSTRUCTION. PATCH AND REPAIR BY ALLOWANCE. SEE SPECIFICATIONS.
- PATCH AND REPAIR ALL EXISTING WALLS AS REQUIRED PER ALLOWANCE. SEE SPECIFICATIONS.
- WALLS TO BE REMOVED. TYPICAL AS SHOWN.
- DOOR AND FRAME TO BE REMOVED. TYPICAL AS SHOWN.
- ALL VENEER TO BE REMOVED TO GYP. BD. BELOW.
- ALL FLOORING, BASE & ADHESIVE TO BE REMOVED. PREPARE FOR NEW FLOOR BY ALLOWANCE. SEE FINISH SCHEDULE AND SPECIFICATIONS.
- ALL CEILINGS TO BE REMOVED.
- EXISTING EXTERIOR WALLS.
- ALL EXISTING SIGNAGE TO BE REMOVED.
- REMOVE EXISTING FIRE HOSE ASSEMBLY. PATCH AND REPAIR WALL.
- REMOVE ALL MILLWORK AND SHELVING.
- REMOVE DOOR PANEL ONLY. FRAME TO REMAIN. PROTECT FROM DAMAGE.
- CORE DRILL FLOOR FOR NEW PLUMBING. SEE ANNOTATED PLAN AND PLUMBING DRAWINGS.
- REMOVE COUNTER, SINKS AND FAUCETS. SEE PLUMBING DRAWINGS.
- REMOVE RESTROOM PARTITIONS AND ALL ACCESSORIES. TOILETS AND URINALS TO REMAIN.
- REMOVE ONE FACE OF COLUMN WRAP FOR NEW ELECTRICAL INSTALLATIONS. SEE ELECTRICAL DRAWINGS AND COORDINATE LOCATION.
- REMOVE EXISTING WALL DIVIDER AND TRACK.
- REMOVE EXISTING MAIL CHUTE. PATCH AND REPAIR WALL.

DEMOLITION NOTES:

- THE EXISTING SPRINKLER SYSTEM MUST REMAIN OPERATIONAL DURING THE CONSTRUCTION PROCESS. THE FINAL RENOVATED SPRINKLER LAYOUT WILL BE SUBMITTED FOR APPROVAL.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DOCUMENTS AND FIELD CONDITIONS PRIOR TO PROCEEDING WITH THE WORK. IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL, CLARIFY THE POINT IN QUESTION WITH THE ARCHITECT BEFORE PROCEEDING.
- THE CONTRACTOR IS TO LEAVE ALL EXISTING STRUCTURAL MEMBERS IN PLACE, UNAFFECTED, AND UNDAMAGED BY DEMOLITION UNLESS IDENTIFIED FOR SELECTIVE DEMOLITION.
- ALL MATERIALS OF CONSTRUCTION THAT HAVE BEEN DEMOLISHED ARE TO BE REMOVED FROM THE SITE AT THE EXPENSE OF THE DEMOLITION CONTRACTOR UNLESS NOTED OTHERWISE.
- ALL UTILITIES AFFECTED BY DEMOLITION SHALL BE DISCONNECTED, INCLUDING COMPLETION OF ALL REQUIRED FILINGS AND ATTAINMENT OF APPROVALS, BY THE APPROPRIATE TRADE.
- CONTRACTOR SHALL TAKE CARE NOT TO OVERLOAD EXISTING FLOORS.
- PERIODIC INSPECTIONS BY ELECTRICAL, MECHANICAL, AND PLUMBING CONSULTANTS, OWNER, AND ARCHITECT ARE TO BE HELD WEEKLY DURING DEMOLITION TO OBSERVE PROGRESS AND PROVIDE ADDITIONAL INFORMATION AS NEEDED FOR SELECTIVE DEMOLITION.
- CONSIDERATION FOR PROTECTION OF EXISTING WINDOWS/DOORS AND BUILDING ENVELOPE ELEMENTS SHOWN TO REMAIN ARE TO BE INCLUDED DURING DEMOLITION.
- BUILDING INTERIOR IS TO BE SELECTIVELY DEMOLISHED PER THESE DRAWINGS. BUILDING ENVELOPE AND SECURITY SHALL BE MAINTAINED THROUGHOUT THE DEMOLITION PROCESS U.N.O.
- AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREA SHALL BE LEFT IN "BROOM CLEAN" CONDITION. ALL DEBRIS AND MISCELLANEOUS MATERIAL SHALL BE REMOVED.
- WALLS THAT ARE SCHEDULED TO BE DEMOLISHED SHOULD ALSO INCLUDE ALL EXISTING DOORS, CASEWORK, AND VENEER MATERIALS ASSOCIATED WITH THOSE WALLS.
- ALL REMAINING WALLS SHOULD HAVE FINISHES DEMOLISHED TO A GRAY SHELL CONDITION. THIS INCLUDES THE REMOVAL OF ANY EXISTING SURFACE VENEER MATERIALS, WAINSCOT MILLWORK, OR WALLPAPER IN ORDER TO TAKE THE WALLS BACK DOWN TO A WALL BOARD ONLY SURFACE. ANY DAMAGED EXISTING GYP. BD. TO REMAIN SHALL BE PATCHED AND REPAIRED ACCORDING TO ALLOWANCE - SEE SPECIFICATIONS.
- UPON COMPLETION OF DEMOLITION CONTRACTOR SHALL EVALUATE THE EXISTING CONDITION OF THE FIREPROOFING ON THE EXPOSED STRUCTURAL FRAME. CONTRACTOR SHOULD PATCH AND REPAIR ALL FIREPROOFING PROTECTIVE MATERIALS THAT ARE ABSENT TO BRING THE STRUCTURAL FRAME BACK INTO COMPLIANCE WITH THE DESIGNED FIRE RATING OF THE BUILDINGS STRUCTURAL FRAME.
- UPON COMPLETION OF DEMOLITION CONTRACTOR SHALL EVALUATE THE EXISTING CONDITION OF FIRE RATED WALLS AND PATCH AND REPAIR ANY PENETRATIONS THAT HAVE BEEN MADE IN THOSE WALLS AS NECESSARY TO MAINTAIN THE INTEGRITY OF THE DESIGN FIRE RATING OF EACH WALL ACCORDING TO ALLOWANCE. SEE SPECIFICATIONS. EXISTING PENETRATIONS CAUSED BY PAST RENOVATIONS PROJECTS TO THE SPACE SHOULD BE REPAIRED AS WELL AS ANY NEW PENETRATIONS CAUSED BY THE DEMOLITION ACTIVITIES. SEE SPECIFICATIONS FOR ALLOWANCE AMOUNT.
- CONTRACTOR SHOULD EVALUATE ANY DEMOLITION REQUIRED IN THE FLOOR & CEILING BELOW FOR THE ROUTING OF NEW PLUMBING AND INCORPORATE THAT EFFORT IN THEIR SCOPE. EVERY EFFORT SHOULD BE MADE TO BE THE LEAST INVASIVE POSSIBLE. AS THOSE FLOORS ARE OCCUPIED THIS WORK MAY NEED TO BE SCHEDULED AFTER NORMAL WORK HOURS.

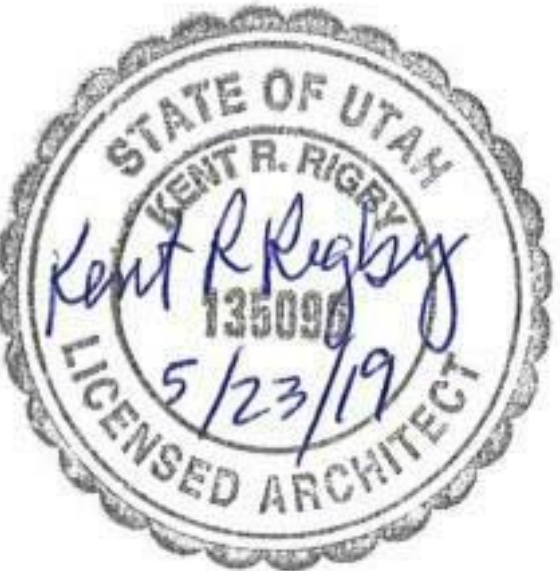


A1 LEVEL 16 - FLOOR PLAN - DEMOLITION
1/8" = 1'-0"



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PROJECT DESCRIPTION

**KEY BANK TOWER
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AHJ STAMP

SHEET NAME:

**LEVEL 16 - DEMOLITION
FLOOR PLAN**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

AD002

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 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND WERE CREATED, DEVELOPED, AND/OR REVISED FOR THE USE AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DECIDED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE KB1 BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED. TRADE SECRET INFORMATION IN VIOLATION OF U.C.A. § 13-2a-3(1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11), (12), (13), (14), (15), (16), (17), (18), (19), (20), (21), (22), (23), (24), (25), (26), (27), (28), (29), (30), (31), (32), (33), (34), (35), (36), (37), (38), (39), (40), (41), (42), (43), (44), (45), (46), (47), (48), (49), (50), (51), (52), (53), (54), (55), (56), (57), (58), (59), (60), (61), (62), (63), (64), (65), (66), (67), (68), (69), (70), (71), (72), (73), (74), (75), (76), (77), (78), (79), (80), (81), (82), (83), (84), (85), (86), (87), (88), (89), (90), (91), (92), (93), (94), (95), (96), (97), (98), (99), (100).

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 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THE DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND WILL BE KEPT ON FILE AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. COMMERCIALS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE SHALL BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNINGS/REPRODUCTION THEREOF IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET VIOLATION IN VIOLATION OF 12.24 U.S.C. 1117 (B) AND OTHER LAWS.

LEVEL 10 CODE ANALYSIS SUMMARY:

- BUILDING CODES**
- INTERNATIONAL BUILDING CODE (IBC) 2018
 - INTERNATIONAL FIRE CODE (IFC) 2018
 - INTERNATIONAL MECHANICAL CODE (IMC) 2018
 - INTERNATIONAL PLUMBING CODE (IPC) 2018
 - NATIONAL ELECTRICAL CODE (NEC) 2017
 - INTERNATIONAL FUEL GAS CODE 2018
 - INTERNATIONAL ENERGY CONSERVATION CODE 2018
 - INTERNATIONAL EXISTING BUILDING CODE 2018
 - ICC ANSI A117.1 2009
 - ADA (ADAAAG) 2010
 - UTAH AMENDMENTS, TITLE 15A 2018

- OCCUPANCY CLASSIFICATION – IBC CHAPTER 3**
- 'B' - OFFICE

- TYPE OF CONSTRUCTION – IBC CHAPTER 6**
- TYPE I-A, (SPRINKLED); EXISTING, NO CHANGE

- ALLOWABLE BUILDING HEIGHT – IBC CHAPTER 5, TABLE 504.3**
- EXISTING – NO CHANGE

- ALLOWABLE BUILDING STORIES ABOVE GRADE PLANE – IBC CHAPTER 5, TABLE 504.4**
- EXISTING – NO CHANGE

- ALLOWABLE BUILDING AREA – IBC CHAPTER 5, TABLE 506.2**
- EXISTING – NO CHANGE

- FIRE RESISTIVE REQUIREMENTS – IBC CHAPTER 6, TABLE 601**

TYPE I-A CONST.		
STRUCTURAL FRAME	3	HOUR RATING
EXTERIOR	3	HOUR RATING
INTERIOR	3	HOUR RATING
EXTERIOR NONBEARING WALLS	0	HOUR RATING
INTERIOR NONBEARING WALLS	0	HOUR RATING
FLOOR (INCLUDING SUPPORTING BEAM AND JOISTS)	2	HOUR RATING
ROOF (INCLUDING SUPPORTING BEAM AND JOISTS)	1.5	HOUR RATING

- OCCUPANCY SEPARATIONS – IBC TABLE 508.4**
- 'A' Occ. from 'B' Occ. = Non-separated Occupancies

- CORRIDORS – IBC TABLE 1020.1**
- 'B' OCCUPANCY = 0 HOUR RATING, SPRINKLED

- TRAVEL DISTANCE – IBC SECTION 1017.2**
- 'B' OCCUPANCY = 300 FEET

- EXIT SEPARATION – IBC SECTION 1007.1.1 EXCEPTION 2**
- SEPARATION OF EXITS SHALL BE 1/3 THE LENGTH OF THE MAXIMUM DIAGONAL DIMENSION.

- COMMON PATH OF EGRESS TRAVEL – IBC TABLE 1006.2.1**
- 'B' OCCUPANCY = 100 FEET

- NUMBER OF REQUIRED EXITS – IBC TABLE 1006.3.2**
- 2 EXITS REQUIRED WHEN OCCUPANCY OF A SPACE IS GREATER THAN 49
 - 2 EXITS REQUIRED FROM THE STORY

- DEAD END CORRIDORS – IBC SECTION 1020.4 EXCEPTION 2**
- 'B' OCCUPANCY = 50 FEET WITH FIRE SUPPRESSION

- MINIMUM CORRIDOR WIDTHS – IBC TABLE 1020.2**
- 'B' OCCUPANCY = 44 INCHES

- OCCUPANCY LOADS – IBC TABLE 1004.5**
- STORAGE, UTILITY SPACES, ETC. = 300 GROSS
 - OFFICES = 150 GROSS

- ACCESSIBLE – IBC CHAPTER 11**
- SECTION 1111 – REQUIRED ACCESSIBLE ELEMENTS SHALL BE IDENTIFIED USING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
 - IBC SECTION 1109.2.2 – AT LEAST ONE WHEEL CHAIR ACCESSIBLE COMPARTMENT WILL BE PROVIDED.
 - IBC SECTION 1109.3 – EACH RESTROOM WILL NEED TO HAVE 5% (AT LEAST ONE) ACCESSIBLE SINK.

- INTERIOR WALL AND CEILING FINISH – IBC TABLE 803.11**
- INTERIOR EXIT STAIRWAYS, ETC. CLASS 'B'
 - CORRIDORS / ENCLOSURE FOR EXIT ACCESS STAIRWAYS CLASS 'C'
 - ROOMS AND ENCLOSED SPACES CLASS 'C'

- PORTABLE FIRE EXTINGUISHERS: SECTION 906.1**
- MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER 75 FEET

PLUMBING FIXTURE REQUIREMENTS – IBC CHAPTER 29

OCC. 'B' = TOTAL OCCUPANTS = 112: 56 MEN 56 WOMEN

PLUMBING FIXTURES ARE EXISTING IN THE SHARED CORE OF THE BUILDING. LOCATED WITHIN 500 FEET OF THE T.I. SPACE.

REQUIRED FOR THIS TENANT SPACE ONLY:

WATER CLOSET	LAVATORIES	BATHUBS/SHOWERS	D.F.	OTHER
1/25 FOR FIRST 50	1/40 FOR FIRST 80	--	1/100"	1 SERVICE SINK
MEN	WOMEN	MEN	WOMEN	
2.24	2.24	1.4	1.4	0 1.12 1
TOTAL REQUIRED:				
WATER CLOSET	LAVATORIES	BATHUBS/SHOWERS	D.F.	OTHER
3	3	2	2	0 2 1
PROVIDED:				
WATER CLOSET	LAVATORIES	BATHUBS/SHOWERS	D.F.	OTHER
4	3	2	2	0 2 1

LEVEL 16 CODE ANALYSIS SUMMARY:

- BUILDING CODES**
- INTERNATIONAL BUILDING CODE (IBC) 2018
 - INTERNATIONAL FIRE CODE (IFC) 2018
 - INTERNATIONAL MECHANICAL CODE (IMC) 2018
 - INTERNATIONAL PLUMBING CODE (IPC) 2018
 - NATIONAL ELECTRICAL CODE (NEC) 2017
 - INTERNATIONAL FUEL GAS CODE 2018
 - INTERNATIONAL ENERGY CONSERVATION CODE 2018
 - INTERNATIONAL EXISTING BUILDING CODE 2018
 - ICC ANSI A117.1 2009
 - ADA (ADAAAG) 2010
 - UTAH AMENDMENTS, TITLE 15A 2018

- OCCUPANCY CLASSIFICATION – IBC CHAPTER 3**
- 'B' - OFFICE
 - 'A-3' - ASSEMBLY

- TYPE OF CONSTRUCTION – IBC CHAPTER 6**
- TYPE I-A, (SPRINKLED); EXISTING, NO CHANGE

- ALLOWABLE BUILDING HEIGHT – IBC CHAPTER 5, TABLE 504.3**
- EXISTING – NO CHANGE

- ALLOWABLE BUILDING STORIES ABOVE GRADE PLANE – IBC CHAPTER 5, TABLE 504.4**
- EXISTING – NO CHANGE

- ALLOWABLE BUILDING AREA – IBC CHAPTER 5, TABLE 506.2**
- EXISTING – NO CHANGE

- FIRE RESISTIVE REQUIREMENTS – IBC CHAPTER 6, TABLE 601**

TYPE I-A CONST.		
STRUCTURAL FRAME	3	HOUR RATING
EXTERIOR	3	HOUR RATING
INTERIOR	3	HOUR RATING
EXTERIOR NONBEARING WALLS	0	HOUR RATING
INTERIOR NONBEARING WALLS	0	HOUR RATING
FLOOR (INCLUDING SUPPORTING BEAM AND JOISTS)	2	HOUR RATING
ROOF (INCLUDING SUPPORTING BEAM AND JOISTS)	1.5	HOUR RATING

- OCCUPANCY SEPARATIONS – IBC TABLE 508.4**
- 'A' Occ. from 'B' Occ. = Non-separated Occupancies

- CORRIDORS – IBC TABLE 1020.1**
- 'A' OR 'B' OCCUPANCY = 0 HOUR RATING, SPRINKLED

- TRAVEL DISTANCE – IBC SECTION 1017.2**
- 'A' OCCUPANCY = 250 FEET
 - 'B' OCCUPANCY = 300 FEET

- EXIT SEPARATION – IBC SECTION 1007.1.1 EXCEPTION 2**
- SEPARATION OF EXITS SHALL BE 1/3 THE LENGTH OF THE MAXIMUM DIAGONAL DIMENSION.

- COMMON PATH OF EGRESS TRAVEL – IBC TABLE 1006.2.1**
- 'A' OCCUPANCY = 75 FEET
 - 'B' OCCUPANCY = 100 FEET

- NUMBER OF REQUIRED EXITS – IBC TABLE 1006.3.2**
- 2 EXITS REQUIRED WHEN OCCUPANCY OF A SPACE IS GREATER THAN 49
 - 2 EXITS REQUIRED FROM THE STORY

- DEAD END CORRIDORS – IBC SECTION 1020.4 EXCEPTION 2**
- 'B' OCCUPANCY = 50 FEET WITH FIRE SUPPRESSION
 - 'A' OCCUPANCY = 20 FEET

- MINIMUM CORRIDOR WIDTHS – IBC TABLE 1020.2**
- 'A' OR 'B' OCCUPANCY = 44 INCHES

- OCCUPANCY LOADS – IBC TABLE 1004.5**
- STORAGE, UTILITY SPACES, ETC. = 300 GROSS
 - OFFICES = 150 GROSS
 - CLASSROOMS = 20 NET

- ACCESSIBLE – IBC CHAPTER 11**
- SECTION 1111 – REQUIRED ACCESSIBLE ELEMENTS SHALL BE IDENTIFIED USING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
 - IBC SECTION 1109.2.2 – AT LEAST ONE WHEEL CHAIR ACCESSIBLE COMPARTMENT WILL BE PROVIDED.
 - IBC SECTION 1109.3 – EACH RESTROOM WILL NEED TO HAVE 5% (AT LEAST ONE) ACCESSIBLE SINK.

- INTERIOR WALL AND CEILING FINISH – IBC TABLE 803.11**
- INTERIOR EXIT STAIRWAYS, ETC. CLASS 'B'
 - CORRIDORS / ENCLOSURE FOR EXIT ACCESS STAIRWAYS CLASS 'C'
 - ROOMS AND ENCLOSED SPACES CLASS 'C'

- PORTABLE FIRE EXTINGUISHERS: SECTION 906.1**
- MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER 75 FEET

PLUMBING FIXTURE REQUIREMENTS – IBC CHAPTER 29

OCC. 'B' = TOTAL OCCUPANTS = 85: 42.5 MEN 42.5 WOMEN

PLUMBING FIXTURES ARE EXISTING IN THE SHARED CORE OF THE BUILDING. LOCATED WITHIN 500 FEET OF THE T.I. SPACE.

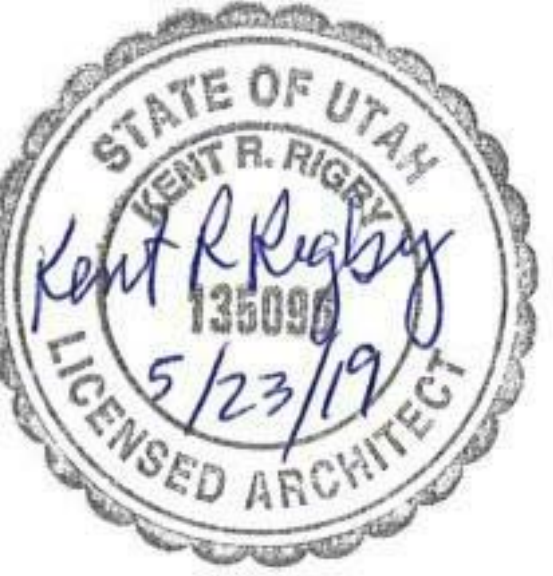
REQUIRED FOR THIS TENANT SPACE ONLY:

WATER CLOSET	LAVATORIES	BATHUBS/SHOWERS	D.F.	OTHER
1/25 FOR FIRST 50	1/40 FOR FIRST 80	--	1/100"	1 SERVICE SINK
MEN	WOMEN	MEN	WOMEN	
1.7	1.7	1.06	1.06	0 0.85 1
OCC. 'A' = TOTAL OCCUPANTS = 159: 79.5 MEN 79.5 WOMEN				
REQUIRED FOR THIS TENANT SPACE ONLY:				
WATER CLOSET	LAVATORIES	BATHUBS/SHOWERS	D.F.	OTHER
1/25 FOR FIRST 50	1/40 FOR FIRST 80	--	1/100"	1 SERVICE SINK
MEN	WOMEN	MEN	WOMEN	
.63	1.22	0.40	0.40	0 .31 1
TOTAL REQUIRED:				
WATER CLOSET	LAVATORIES	BATHUBS/SHOWERS	D.F.	OTHER
3	3	2	2	0 2 1
PROVIDED:				
WATER CLOSET	LAVATORIES	BATHUBS/SHOWERS	D.F.	OTHER
5	4	3	3	0 2 1



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PROJECT DESCRIPTION

KEY BANK TOWER LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

CODE ANALYSIS SUMMARY

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

AE001

FIRE PROTECTION NOTES:

REQUIRED MEANS OF EGRESS AND FIRE PROTECTION SYSTEMS SHALL BE MAINTAINED DURING CONSTRUCTION AND DEMOLITION, REMODELING OR ALTERATIONS AND ADDITIONS TO THE BUILDING. FIRE PREVENTION BUREAU STAFF SHALL APPROVE REVIEW OF ANY EXISTING ALTERATIONS, AS REQUIRED IN IFC SECTION 3311.

AUTOMATIC FIRE SPRINKLER, FIRE SUPPRESSION AND FIRE ALARM SYSTEMS WHEN TAKEN OUT OF SERVICE ARE REQUIRED TO HAVE THE FIRE PREVENTION BUREAU NOTIFIED AT (801) 799-4150. THE DURATION OF TIME AND THE DATE MUST BE STATED TO INCLUDE THE DATE WHICH THE FIRE PROTECTION EQUIPMENT WILL BE PLACED IN SERVICE, AS REQUIRED IN IFC CHAPTER 33.

ALL FIRE PROTECTION AND DETECTION SYSTEMS SHALL HAVE THE PIPING AND WIRING EXPOSED FOR THE INSPECTION. MAY BE COVERED AFTER INSPECTION.

D ALL DEFERRED (IBC 107.3.4.1) SUBMITTAL ITEM(S) NEED TO BE SUBMITTED WITHIN A TIMELY MANNER (30 CALENDAR DAYS OF THE ORIGINAL BUILDING PERMIT ISSUANCE DATE). THE FINAL INSPECTION APPROVAL (IBC 110.3.10) CANNOT BE ISSUED AND NO BUILDING OR STRUCTURE CAN BE USED OR OCCUPIED (IBC 111.1) UNTIL ALL THE DEFERRED SUBMITTED ITEMS ARE APPROVED BY THE BUILDING OFFICIAL.

FLOOR CARPET SHALL BE TESTED IN ACCORDANCE TO NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 253 AND BE A CLASS I (0.45 WATTS/CM²) IN CORRIDORS, EXIT ENCLOSURES, EXIT PASSAGEWAYS AND CLASS II (0.22 WATTS/CM²) IN ALL ROOMS AND AREAS.

CEILING TILE SHALL BE LISTED AND TESTED AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) E 84 AND HAVE A FLAME SPREAD OF 0-25 AND A SMOKE INDEX OF 0-450. IF THE CEILING TILE IS A COMPONENT PART OF A PLENUM SYSTEM THEN IT SHALL BE LISTED AND TESTED AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) E 84 AND HAVE A FLAME SPREAD OF 0-25 AND A SMOKE INDEX OF 0-50.

FIRE ALARM SYSTEM SHALL BE INSTALLED WHEN THERE ARE EXTINGUISHING SYSTEMS IN THE BUILDING FOR OCCUPANT NOTIFICATION. FIRE ALARM SYSTEM HORN AND STROBE SHALL BE INSTALLED UNLESS WITHIN THE AREA APPLIANCES ARE INSTALLED AND THE AREA HAS THE REQUIRED DB RATING AS PRESCRIBED IN INTERNATIONAL FIRE CODE 907.5.2.1.1 & VISIBLE REQUIREMENTS IN SECTION 907.5.2.3.

UL NOTES:

REFERENCES:
 . UL FIRE RESISTANCE DIRECTORY, CURRENT EDITION.
 . NFPA 101 LIFE SAFETY CODE
 . ALL GOVERNING LOCAL AND REGIONAL BUILDING CODES

FIRESTOP SYSTEM INSTALLATION MUST MEET REQUIREMENTS OF ASTM E1966 (UL 2079) TESTED ASSEMBLIES THAT PROVIDE A FIRE RATING EQUAL TO THAT OF THE SURROUNDING CONSTRUCTION.

- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- SEE SHEET AE620 FOR FINISH LEGEND
- DO NOT SCALE DRAWINGS.
- CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.
- SEE SHEET AE005, AE006, AE007 FOR UL WALL ASSEMBLIES
- SEE SHEET AE008 FOR UL FIRESTOPPING FOR ANY NEW PENETRATIONS THROUGH RATED ASSEMBLIES. THROUGH PENETRATION FIRE STOPPING FOR EXISTING FOUND PENETRATIONS TO BE ACCOUNTED FOR PER ALLOWANCE - SEE SPECIFICATIONS.
- SEE SHEET AE530 FOR TYPICAL WALL FRAMING DETAILS.
- SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
- ALL EXISTING GYP. BD. WALL SURFACES TO BE PATCHED AND REPAIRED TO ATTAIN A LEVEL 5 FINISH.
- ALL NEW GYP. BD. WALL SURFACES TO BE FINISHED TO A LEVEL 5 FINISH.



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 salt lake city, utah 84105
 www.ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

KEY BANK TOWER
 LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

GRADE LEVEL EGRESS

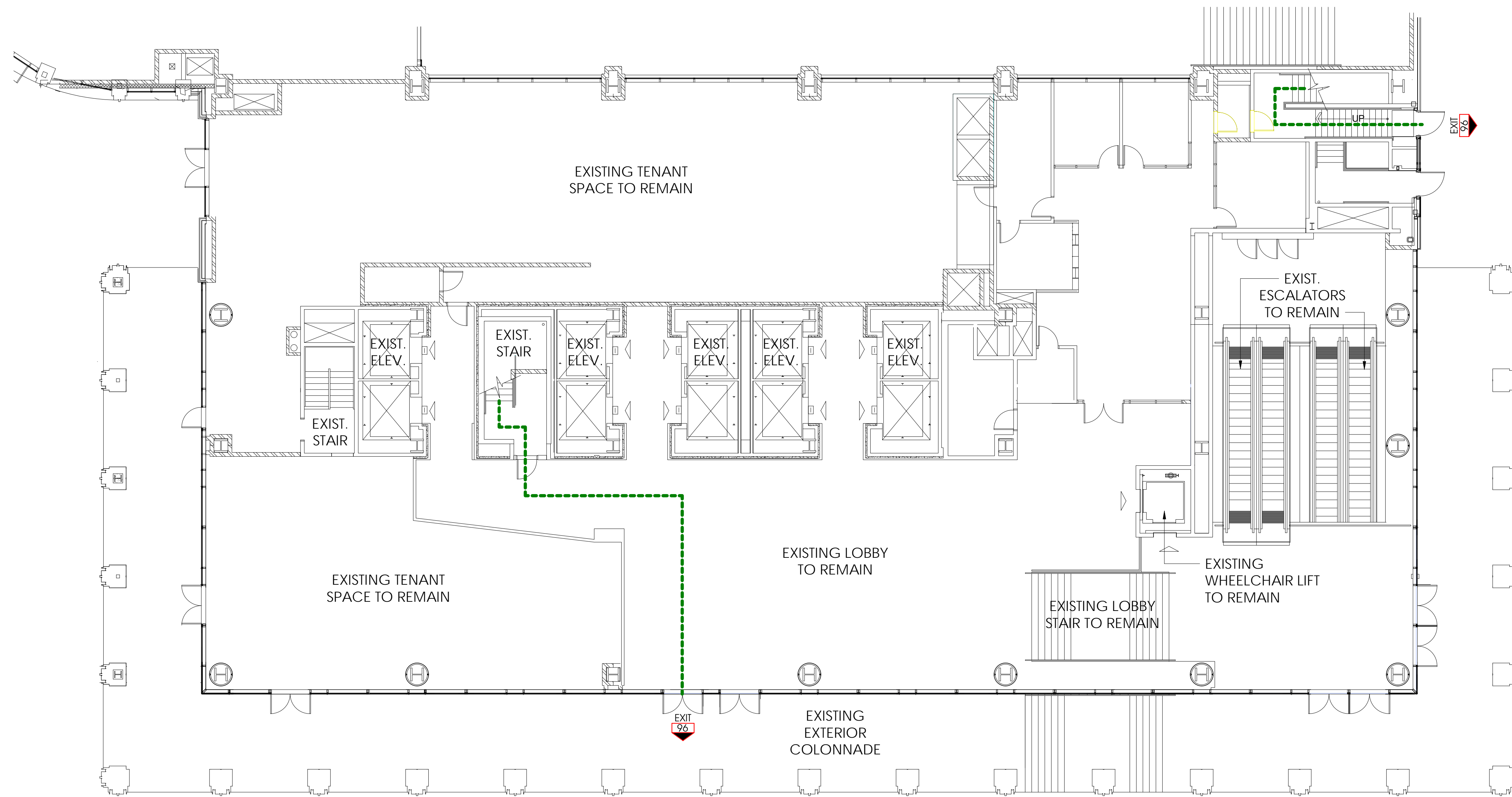
REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: ajc
 CHECKED BY: K. RIGBY
 PROJECT#: 1904

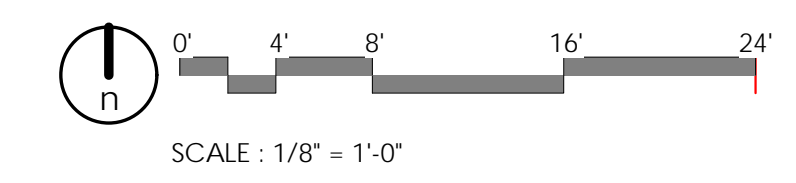
SHEET NUMBER:

AE004



KEYBANK LOBBY PLAN

A2 GRADE LEVEL REFERENCE EGRESS PLAN
 1" = 10'-0"



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1/4 in, long Type S-12 steel screws spaced 8 in, OC at perimeter and 12 in, OC in the field.
RAY-BAR ENGINEERING CORP — Type RB-LBG

4G. **Gypsum Board*** — (As an alternate to Items 4 through 4F) — For use with Items 1D and 2D only, 5/8 in, thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in, long, Type S steel screws spaced 8 in, OC, along edges of board and 12 in, OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly.
CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A, LGFC-6A/CIA

NATIONAL GYPSUM CO — Types FSW

UNITED STATES GYPSUM CO — Type SCX

USG BORAL DRYWALL SFZ LLC — Type SCX

4H. **Gypsum Board*** — (As an alternate to Items 4 through 4G) — Nominal 5/8 in, thick, 4 ft wide panels, applied vertically and secured as described in Item 4.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES

4I. **Gypsum Board*** — (As an alternate to Items 4 through 4F) — For use with Items 1E and 2E only, 5/8 in, thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in, long, Type S steel screws spaced 8 in, OC, along edges of board and 12 in, OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly.
UNITED STATES GYPSUM CO — Type SCX

USG BORAL DRYWALL SFZ LLC — Type SCX

4J. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C) — Nom 5/8 in, thick lead backed gypsum panels with horizontally, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in, long Type S-12 steel screws spaced 8 in, OC at perimeter and 12 in, OC in the field. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A).

MAVCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

4K. **Gypsum Board*** — (As an alternate to Item 4 and 4A, not for use with Items 1D, 1E, 2D and 2E) — Nom, 5/8 in, thick gypsum panels with beveled, square or tapered edges as described in Item 4 and 4A.
CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

4L. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C). Nom 5/8 in, thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in, long Type S-12 steel screws gypsum panel steel screws spaced 8 in, OC at perimeter and 12 in, OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in, wide, max 8 ft long with a max thickness of 0.14 in, placed on the face of studs and attached to the stud with construction adhesive and two 1 in, long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in, diam by max 0.085 in, thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".
RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

4M. **Gypsum Board*** — (For use with Item 8) — 5/8 in, thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 8) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in, Type G Screws spaced 8 in, OC along edges of each vertical joint and 12 in, OC in intermediate field of the Mineral and Fiber Board (Item 8). Secured to outermost studs and floor and ceiling runners with 2 in, long Type S screws spaced 8 in, OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound.
AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C, Type X-2

CGC INC — Types C, IP-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-CIA

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C

PANEL REY S A — Types PRC, PRC2

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop MZTECH, Gyproc FireStop ACTIVAir, Gyproc FireStop MR ACTIVAir, Gyproc FireStop MZTECH ACTIVAir, Gyproc Duraline, Gyproc Duraline MR, Gyproc Duraline MZTECH, Gyproc Duraline ACTIVAir, Gyproc Duraline MR ACTIVAir, Gyproc Duraline MZTECH ACTIVAir

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

4N. **Wall and Partition Facings and Accessories*** — (As an alternate to Item 4) — Nominal 5/8 in, thick, 4 ft wide panels, applied vertically and secured as described in Item 4.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527

4O. **Gypsum Board*** — As an alternate to Items 4, 4A, 4B, and 4C — Two layers Nom. 5/16 in, thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Horizontal joints on the same side need not be staggered. When applied horizontally, both layers of gypsum board fastened to each side of framing with 1 in, long Type S steel screws spaced 8 in, OC and staggered 4 in, OC between layers. When applied vertically, both layers of gypsum board fastened to each side of framing with 1 in, long Type S steel screws spaced 8 in, OC along vertical edges and 12 in, OC in the field, staggered 4 in, OC between layers. Screws spaced a max 12 in, along the top and bottom edges of the wall.
NATIONAL GYPSUM CO — Type FSW

4P. **Gypsum Board*** — As an alternate to Item 4, For use with Item 3E. **Batts and Blankets*** — 5/8 in, thick, 4 ft wide, installed as described in Item 4.
UNITED STATES GYPSUM CO — Types ULIX

4Q. **Gypsum Board*** — 3/4 in, thick, 4 ft wide, attached to steel studs and floor and ceiling track as described in Item 4 with screw length increased to min, 1-1/8 in.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-13

4R. **Gypsum Board*** — As an alternate to Item 4D, For use with Item 3E. **Batts and Blankets*** — 5/8 in, thick, 4 ft wide, installed as described in Item 4.
NATIONAL GYPSUM CO — Type FSLX.

5. **Joint Tape and Compound** — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in, wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in, thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.

6. **Resilient Channel** — (Optional — Not Shown) — 25 MSG galv steel resilient channels spaced vertically max 24 in, OC, flange portion attached to each intersecting stud with 1/2 in, long type S-12 pan head steel screws. May not be used with Item 4F, 4J or 4L.

6A. **Steel Framing Members*** — (Not Shown) — As an alternate to Item 6, furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-9/16 in, or 2-23/32 in, wide by 7/8 in, deep, spaced 24 in, OC perpendicular to studs. Channels secured to studs as described in Item 6. Ends of adjoining channels are overlapped 6 in, and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in, and secured together with two self-lapping No. 6 framing screws, min 7/16 in, long at the midpoint of the overlap, with one screw on each flange of the channel. Not for use with Items 4F, 4J, or 4L.

b. **Framing Members*** — Used to attach furring channels (Item a) to studs (Item 2). Clips spaced 48 in, OC, and secured to studs with 1-5/8 in, waler or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in, wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in, wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

6B. **Framing Members*** — (Not Shown) — (Optional on one or both sides) — As an alternate to Item 6, furring channel and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-3/8 in, wide by 7/8 in, deep, spaced max, 24 in, OC perpendicular to studs. Channels secured to studs as described in Item 6. Gypsum board attached to furring channels as described in Item 4. Not for use with Items 4F, 4J, or 4L.

b. **Steel Framing Members*** — Used to attach furring channels (Item 6B) to studs (Item 2). Clips spaced max, 48 in, OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in, minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.
PLITEQ INC — Type Genie Clip

6C. **Steel Framing Members*** — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, Spaced 24 in, OC perpendicular to studs. Channels secured to studs as described in Item 6. Ends of adjoining channels overlapped 6 in, and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4. Not for use with Items 4F, 4J, or 4L.

b. **Steel Framing Members*** — Used to attach furring channels (Item 6C) to studs. Clips spaced 48 in, OC, and secured to studs with 2 in, coarse drywall screw with 1 in, diam washer through the center hole. Furring channels are friction fitted into clips.
STUDCO BUILDING SYSTEMS — RESLMOUNT Sound Isolation Clips - Type A237R

6D. **Steel Framing Members*** — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, Spaced 24 in, OC perpendicular to studs. Channels secured to studs as described in Item 6B. Ends of adjoining channels overlapped 6 in, and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4. Not for use with Items 4F, 4J, or 4L.

b. **Steel Framing Members*** — Used to attach furring channels (Item 6D) to studs. Clips spaced 48 in, OC, and secured to studs with No.8 x 2-1/2 in, coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
STUDCO BUILDING SYSTEMS — Type SonusClip

6E. **Steel Framing Members*** — (Optional, Not Shown) — Resilient channels and Steel Framing Members as described below:

a. **Resilient Channels** — Formed of No. 25 MSG galv steel, spaced 24 in, OC, and perpendicular to studs. Channels secured to studs as described in Item 6. Ends of adjoining channels overlapped 6 in, and secured in place with two No. 8 15 x 1/2 in, Philips Modified Truss screws spaced 2-1/2 in, from the center of the overlap. Gypsum board attached to resilient channels as described in Item 4. Not for use with Items 4F, 4J, or 4L.

b. **Steel Framing Members*** — Used to attach resilient channels (Item 6E) to studs. Clips spaced 48 in, OC, and secured to studs with No. 8 x 2-1/2 in, coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in, pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

7. **Wall and Partition Facings and Accessories*** — (Optional, Not Shown) — Nominal 1/2 in, thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the steel framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) shall be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

8. **Mineral and Fiber Board*** — (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in, thick, 4 ft wide with long dimension parallel and centered over studs. Attached to studs and floor and ceiling runners with 1-5/8 in, long Type S steel screws, spaced 12 in, OC and 24 in, OC along all

intermediate framing. The required UL Classified gypsum board layer (Item 4M) is to be installed over the Mineral and Fiber Boards, Batts and Blankets, Item 3D, and Adhesive, Item 11, are required.
HOMASOTE CO — Homasote Type 440-32

9. **Lead Batten Strips** — (Not Shown, For Use With Item 4E) — Lead batten strips, min 1-1/2 in, wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in, long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum board (Item 4E) and optional at remaining stud locations. Required behind vertical joints.

9A. **Lead Batten Strips** — (Not Shown, for use with Item 4J) — Lead batten strips, 2 in, wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min, 1 in, long min, Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min, 1 in, long min, Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4J) and optional at remaining stud locations.

10. **Lead Discs or Tabs** — (Not Shown, For Use With Item 4E) — Used in lieu of or in addition to the lead batten strips (Item 8) or optional at other locations - Max 3/4 in, diam by max 0.125 in, thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in, by 1-1/4 in, by max 0.125 in, thick lead tabs placed on gypsum boards (Item 4E) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

10A. **Lead Discs** — (Not Shown, for use with Item 4J) — Max 5/16 in, diam by max 0.140 in, thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grades "B, C or D".

11. **Adhesive** — Not Shown — (For use with Item 8) — Construction grade adhesive applied in vertical serpentine, nominal 5/8 in, wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 8).

12. **Wall and Partition Facings and Accessories*** — (Optional, Not Shown) — For use with Items 1 to 1f, Items 2 to 2f, Item 3, Items 4 to 4f, Item 5 and Item 6. For maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 4 to Item 4f), install RefleXor membrane with the gold side facing outward. Membrane installed with 150 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When RefleXor membrane is used an additional layer of Gypsum Board that is identical to the one used in the first layer and as specified in Item 4 to Item 4f shall be installed over the membrane. The additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 4 to Item 4f except the fastener length shall be increased by a minimum of 5/8 inch. Install Batts and Blankets in the stud cavity as per Item 3. On the other side of the wall, prior to the installation of the Gypsum Board, install Resilient Channels as per Item 6. Over the Resilient Channels install 3/4 inch thick SONOPan panel secured to the Resilient Channels with drywall screws and washers spaced at 16 in, OC on the perimeter of the panel and 8 in, OC in the field of the panel. Over the SONOPan panel install the same Gypsum Board as specified in Item 4 to Item 4f with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
MSL — RefleXor membrane, SONOPan panel

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2018-09-28

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- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

KEY BANK TOWER
LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

UL LISTINGS - SMOKE
PARTITION, CONTINUED

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

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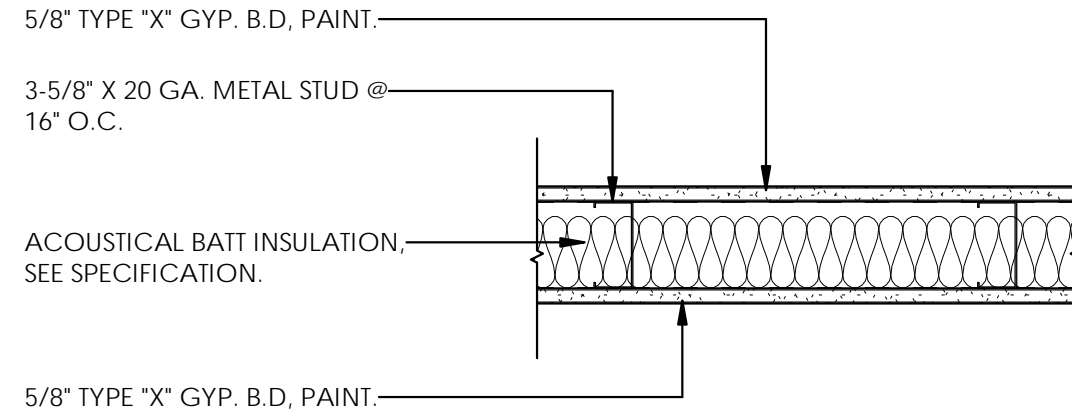
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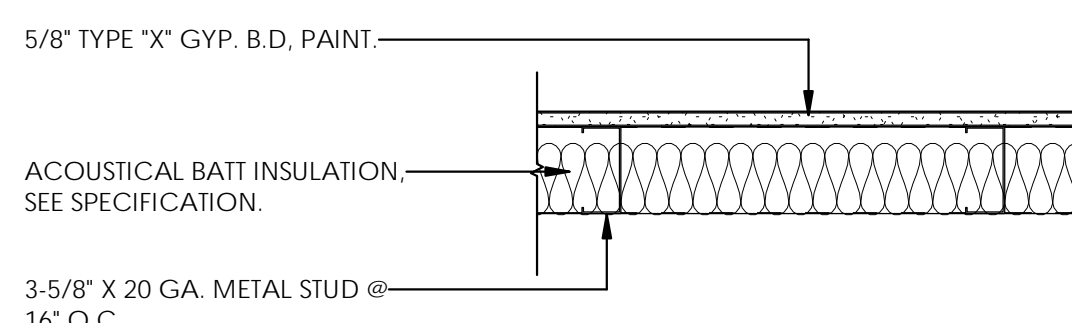
INTERIOR WALL TYPES



NOTE: WALL FRAMED TO DECK, BOTH SIDES OF GYP. B.D. TO DECK - COORDINATE TRANSFER GRILLES/DUCTS WITH MECHANICAL DRAWINGS FOR HVAC PLENUM

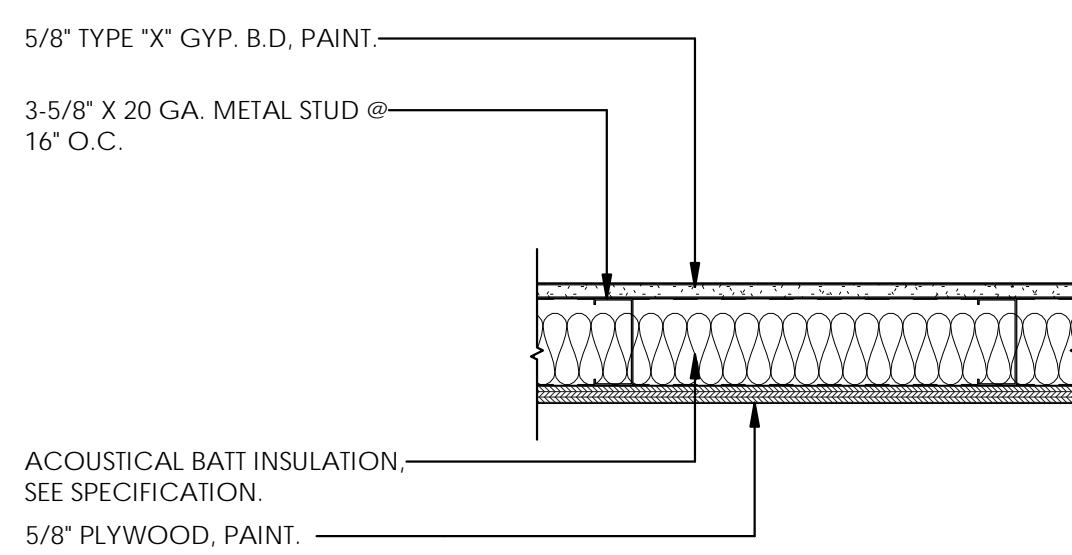
NOTE: REFER TO UL DESIGN NO. U465 FOR ASSEMBLY WHEN USED AS SMOKE PARTITION - SEE CODE PLAN ON SHEET AE002 FOR SMOKE PARTITION LOCATIONS.

INT - ACOUS - MTL STUD 3 5/8" - GYP BD 9F
12.6789 (h-ft²·°F)/BTU



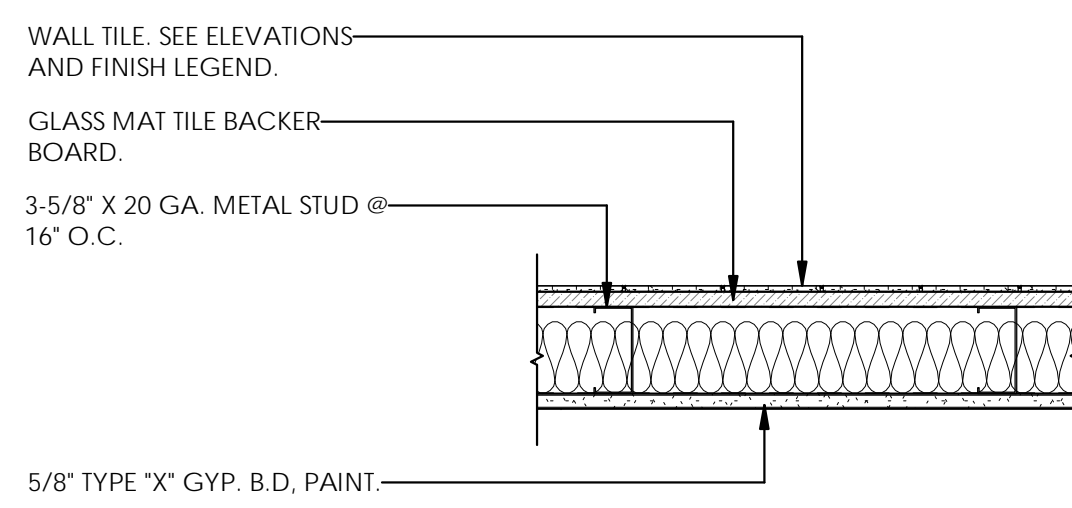
NOTE: WALL FRAMED TO DECK, BOTH SIDES OF GYP. B.D. TO DECK - COORDINATE TRANSFER GRILLES/DUCTS WITH MECHANICAL DRAWINGS FOR HVAC PLENUM

INT - ACOUS - MTL STUD 3 5/8" - GYP BD FURRING 9G
11.6477 (h-ft²·°F)/BTU



NOTE: WALL FRAMED TO DECK, BOTH SIDES OF GYP. B.D. AND PLYWOOD TO DECK - COORDINATE TRANSFER GRILLES/DUCTS WITH MECHANICAL DRAWINGS FOR HVAC PLENUM

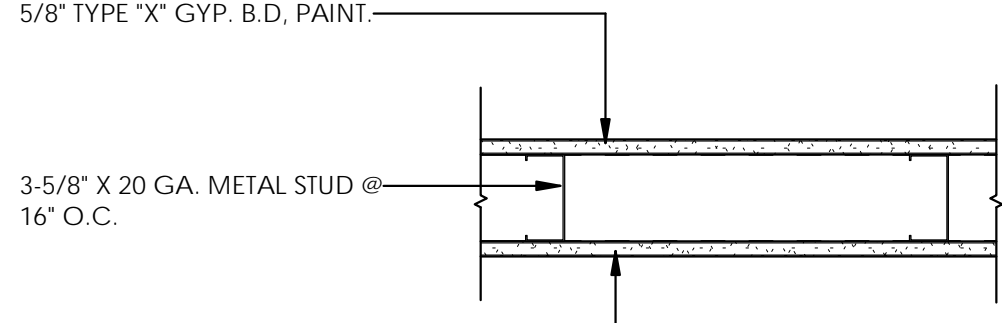
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12.9990 (h-ft²·°F)/BTU



NOTE: WALL FRAMED TO DECK, BOTH SIDES OF GYP. B.D. TO DECK - COORDINATE TRANSFER GRILLES/DUCTS WITH MECHANICAL DRAWINGS FOR HVAC PLENUM

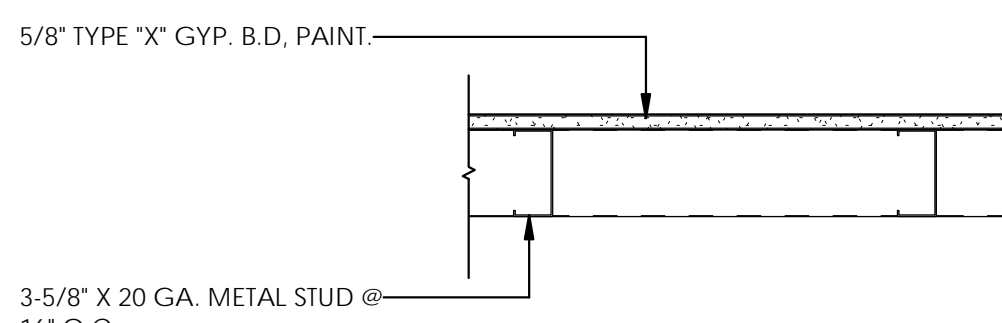
INT - ACOUS - MTL STUD 3 5/8" - GYP BD TILE 9J
12.6789 (h-ft²·°F)/BTU

INTERIOR WALL TYPES



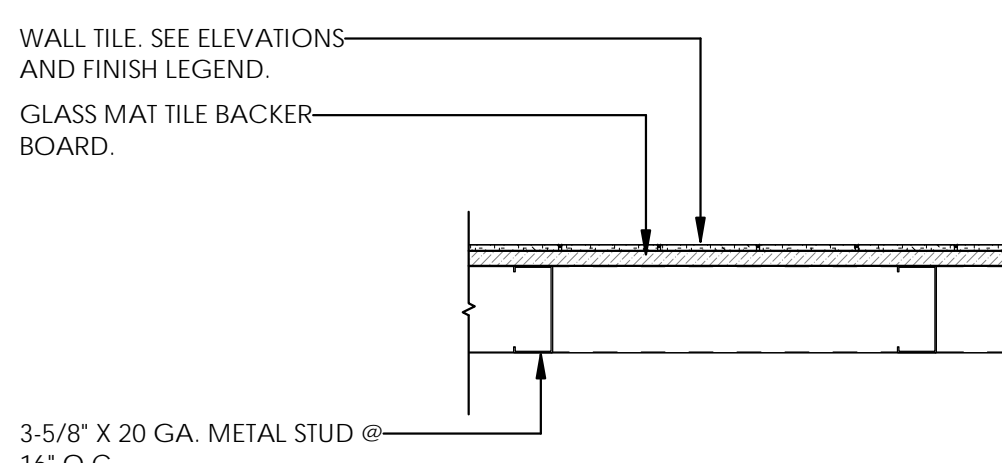
*NOTE: EXTEND WALL & GYP BD. 6" MIN ABOVE ADJACENT CEILING HEIGHT, U.N.O. BRACE TO STRUCTURAL, SEE TYPICAL WALL DETAILS.

INTERIOR - MTL STUD 3 5/8" - GYP BD 9B
1.0704 (h-ft²·°F)/BTU



*NOTE: EXTEND WALL & GYP BD. 6" MIN ABOVE ADJACENT CEILING HEIGHT, U.N.O. BRACE TO STRUCTURAL, SEE TYPICAL WALL DETAILS.

INTERIOR - MTL STUD 3 5/8" - GYP BD FURRING 9D
0.0392 (h-ft²·°F)/BTU



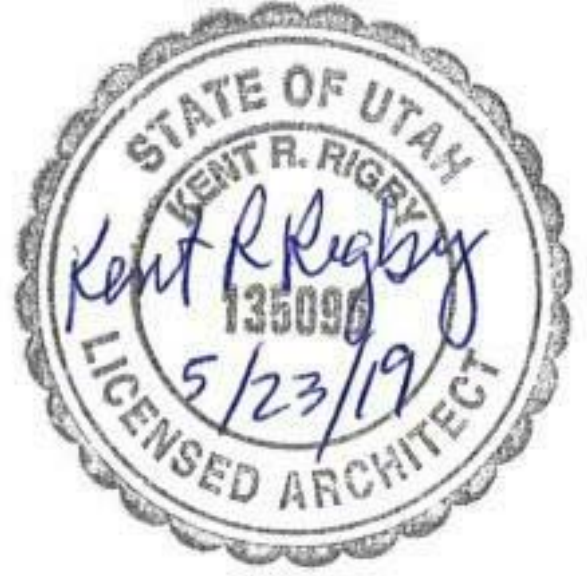
*NOTE: EXTEND WALL & GYP BD. 6" MIN ABOVE ADJACENT CEILING HEIGHT, U.N.O. BRACE TO STRUCTURAL, SEE TYPICAL WALL DETAILS.

INTERIOR - MTL STUD 3 5/8" FURRING - TILE 9E
0.5401 (h-ft²·°F)/BTU



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PROJECT DESCRIPTION

KEY BANK TOWER
LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

ASSEMBLY TYPES

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

AE010

1

2

3

4

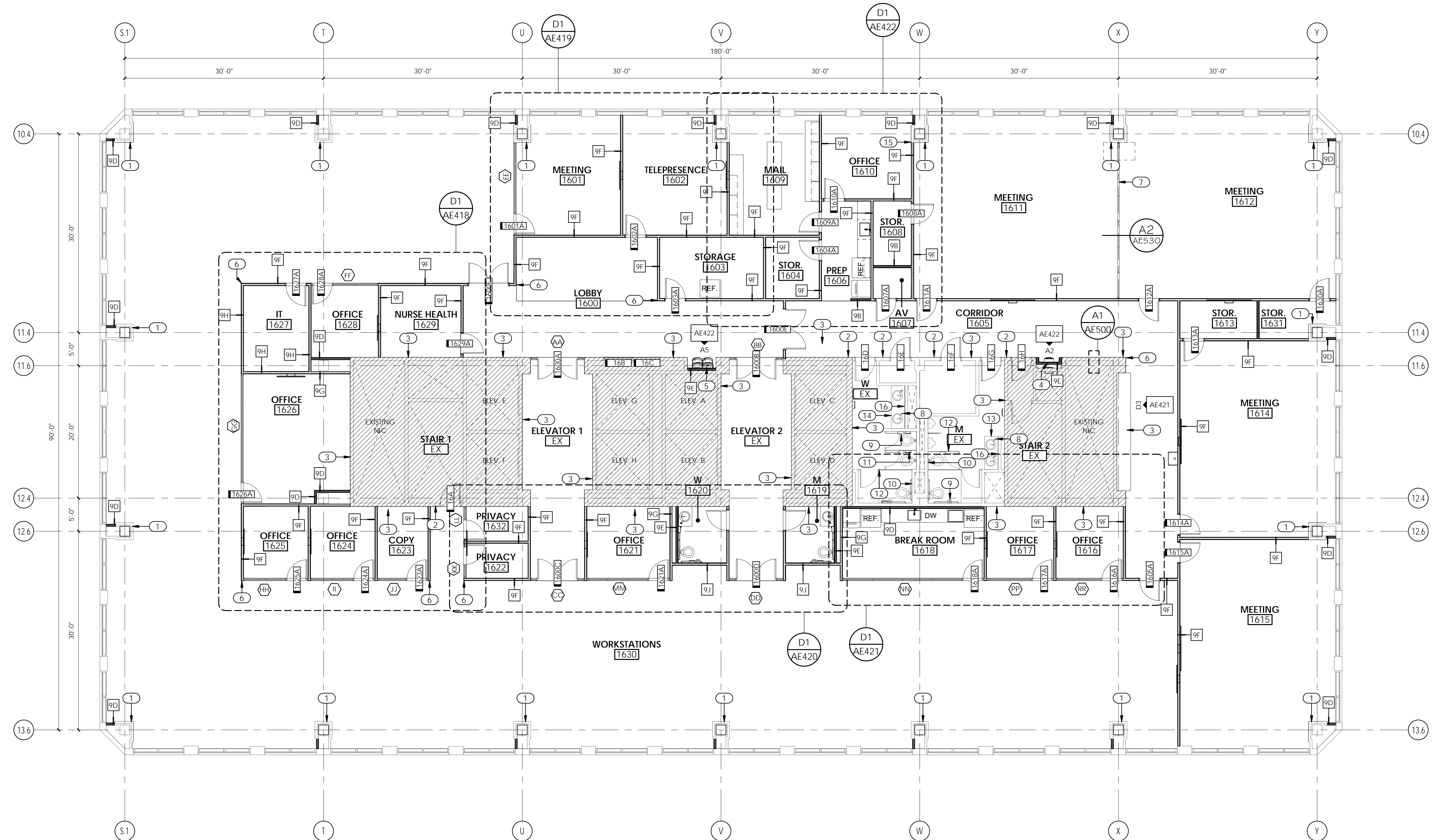
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GENERAL NOTES:

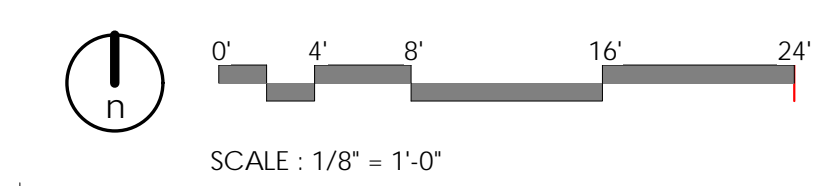
- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- SEE SHEET AE620 FOR FINISH LEGEND.
- DO NOT SCALE DRAWINGS.
- CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.
- SEE SHEET AE005, AE006, AE007 FOR UL WALL ASSEMBLIES
- SEE SHEET AE008 FOR UL FIRESTOPPING FOR ANY NEW PENETRATIONS THROUGH RATED ASSEMBLIES. THROUGH PENETRATION FIRE STOPPING FOR EXISTING FOUND PENETRATIONS TO BE ACCOUNTED FOR PER ALLOWANCE - SEE SPECIFICATIONS.
- SEE SHEET AE530 FOR TYPICAL WALL FRAMING DETAILS.
- SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
- ALL EXISTING GYP. BD. WALL SURFACES TO BE PATCHED AND REPAIRED TO ATTAIN A LEVEL 5 FINISH.
- ALL NEW GYP. BD. WALL SURFACES TO BE FINISHED TO A LEVEL 5 FINISH.

KEYED NOTES:

- EXISTING COLUMNS AND GYP. BD. TO REMAIN. PROTECT DURING CONSTRUCTION. PATCH AND REPAIR BY ALLOWANCE. SEE SPECIFICATIONS.
- SIGNAGE. SEE SIGNAGE SCHEDULE & TYPES.
- SKIM COAT AND PREPARE ALL EXISTING GYP. BD. WALL SURFACES ON EXISTING BUILDING CORE WALLS TO REMAIN TO ACHIEVE A LEVEL 5 FINISH. PAINT. SEE FINISH PLAN AND FINISH LEGEND.
- WATER BOTTLE FILLER. SEE PLUMBING DRAWINGS.
- ADA BI-LEVEL DRINKING FOUNTAIN WITH WATER FILLING STATION. SEE PLUMBING DRAWINGS.
- 2"X2"X1/4" STAINLESS STEEL CORNER GUARD
- MODERNFOLD OPERABLE PAIRED PANEL WALL. SEE SPECIFICATIONS.
- RECESSED SOAP DISPENSERS. TYPICAL ALL SINKS. MODEL NUMBER PROVIDED BY OWNER.
- BOBRICK STAINLESS TOILET PAPER DISPENSER. TYPICAL ALL STALLS. MODEL NUMBER PROVIDED BY OWNER.
- BOBRICK STAINLESS TOILET SEAT COVER DISPENSER. TYPICAL ALL STALLS. MODEL NUMBER PROVIDED BY OWNER.
- BOBRICK STAINLESS SANITARY DISPOSAL. TYPICAL ALL WOMEN'S STALLS. MODEL NUMBER PROVIDED BY OWNER.
- NEW STAINLESS STEEL RESTROOM PARTITIONS AND URINAL DIVIDERS.
- QUARTZ COUNTERTOP AND BACKSPLASH WITH WATERFALL EDGE. MATCH LEVEL 21.
- QUARTZ COUNTERTOP AND BACKSPLASH. SEE FINISH LEGEND.
- FINISH NEW GYP. BD. WALL SURFACE FLUSH WITH ADJACENT EXISTING WALL TO REMAIN.
- (QTY 2) 24" X 36" MIRROR. BOTTOM OF REFLECTIVE SURFACE @ 40" A.F.F. MAX.



A1 LEVEL 16 - FLOOR PLAN - ANNOTATED
1/8" = 1'-0"



ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
**LEVEL 16 - ANNOTATED
FLOOR PLAN**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

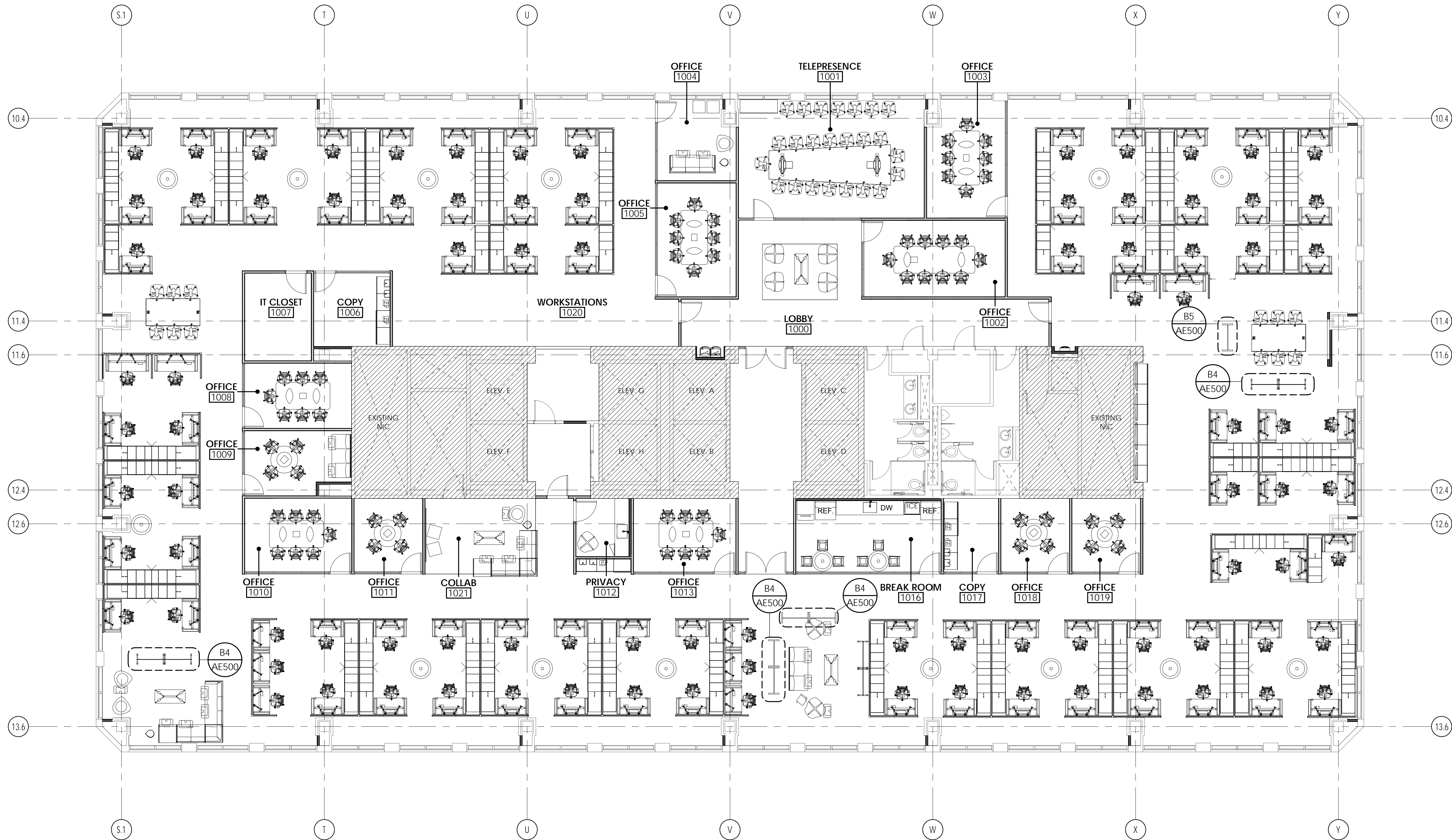
AE101

6/5/2019 5:28:58 PM \\ajccorpvs0dc1\users\black\Documents\1904 01_IHC KBI_Level 10 and 16 v19_eblack.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REFERRED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND SHALL REMAIN THE PROPERTY OF AJC ARCHITECTS P.C. ANY REUSE, REPRODUCTION OR TRANSMISSION OF THIS DRAWING WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. IS STRICTLY PROHIBITED. ANY UNAUTHORIZED USE OR REPRODUCTION OF THIS DRAWING WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. IS STRICTLY PROHIBITED. ANY UNAUTHORIZED USE OR REPRODUCTION OF THIS DRAWING WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. IS STRICTLY PROHIBITED.

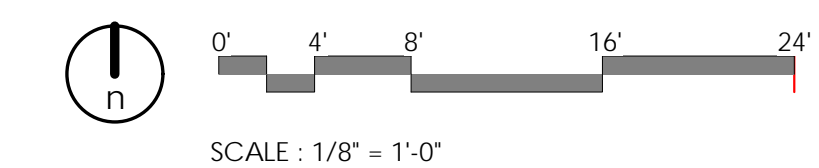
GENERAL NOTES:

- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- SEE SHEET AE620 FOR FINISH LEGEND
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***NOTE: FURNITURE SHOWN FOR REFERENCE ONLY, N.I.C. COORDINATE FLOOR BOX LOCATIONS WITH ELECTRICAL AND FURNITURE PROVIDER.**



A1 LEVEL 10 - FLOOR PLAN - FURNITURE
1/8" = 1'-0"



6/5/2019 5:44:47 PM \\ajccorpvs0dc1\users\black\Documents\1904_01_IHC_KB1_Level 10 and 16 v19_eblack.rvt
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 10 - FURNITURE
PLAN**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: ajc
 CHECKED BY: K. RIGBY
 PROJECT#: 1904

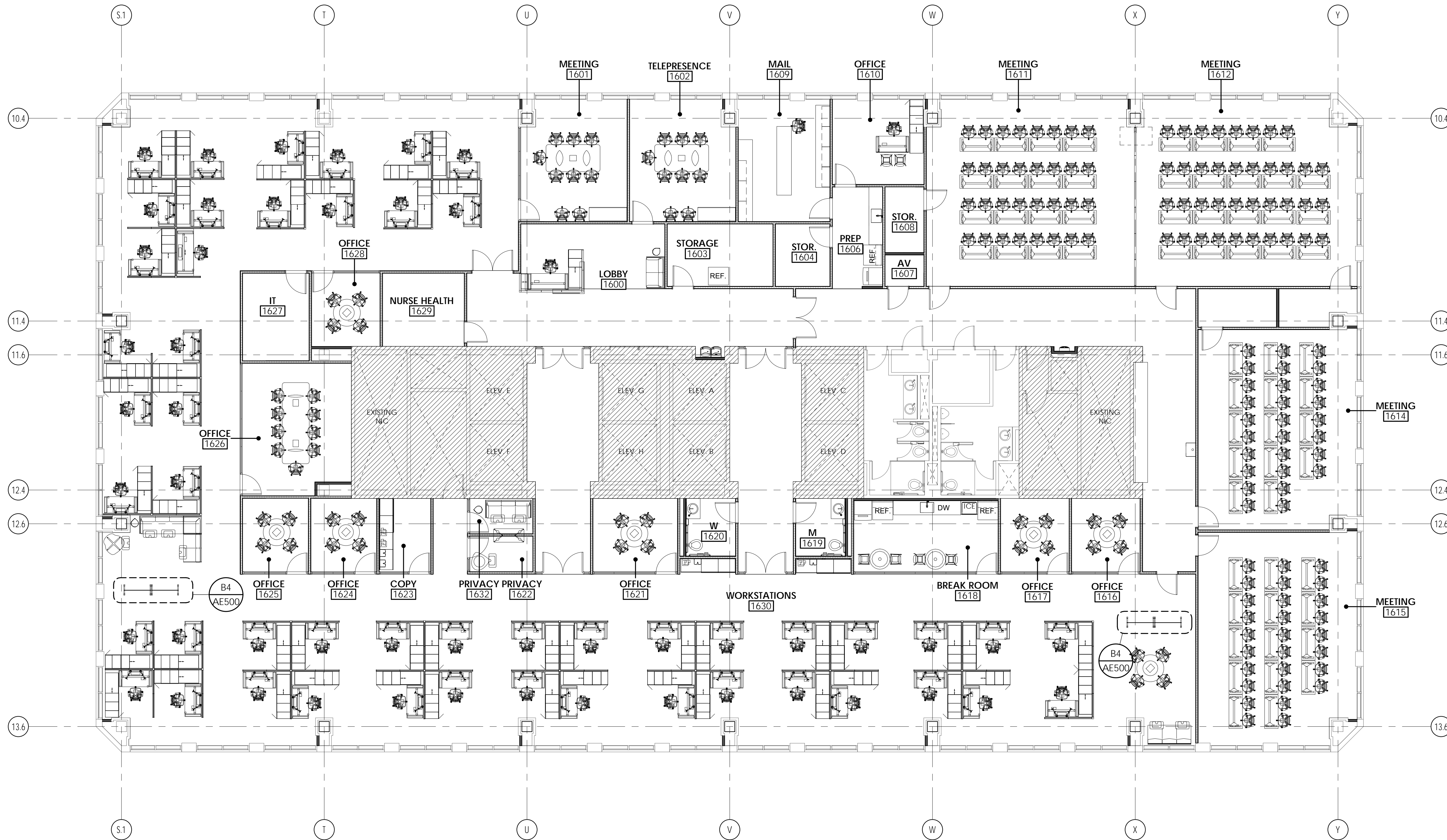
SHEET NUMBER:

AE102

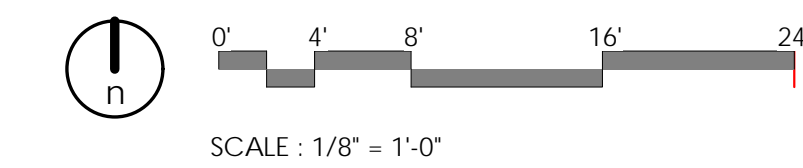
GENERAL NOTES:

- SEE SHEET GI002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- SEE SHEET AE620 FOR FINISH LEGEND.
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A1 LEVEL 16 - FLOOR PLAN - FURNITURE
1/8" = 1'-0"



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PROJECT DESCRIPTION

**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 16 - FURNITURE
PLAN**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

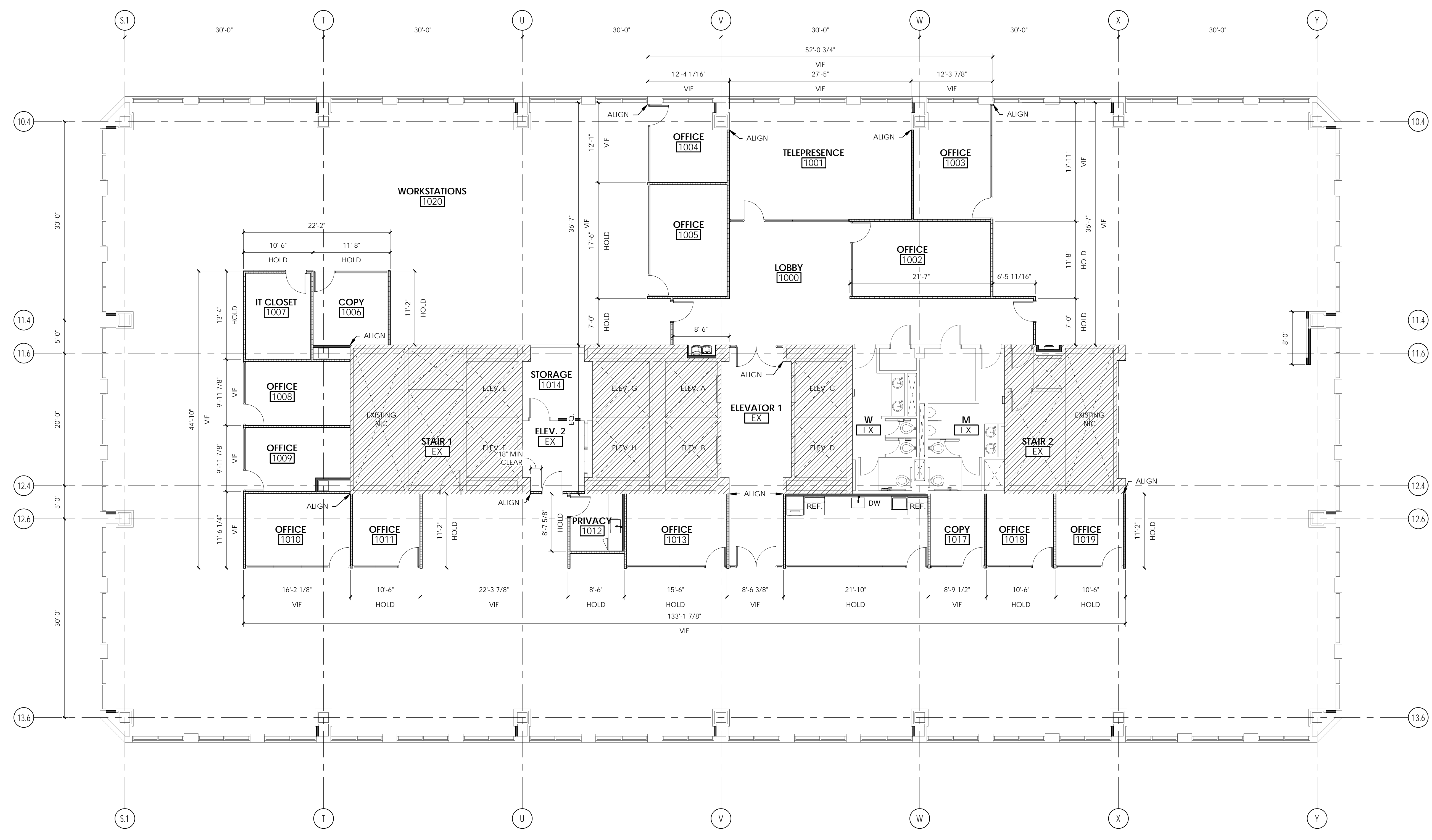
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6/5/2019 5:44:58 PM \\ajccorpvs0dc1\users\black\Documents\1904 01_IHC KBI_Level 10 and 16 v19_eblack.rvt
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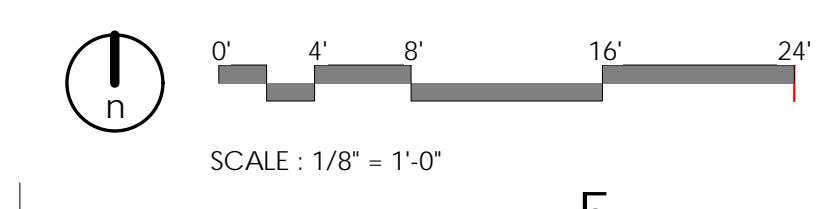
GENERAL NOTES:

- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- SEE SHEET AE620 FOR FINISH LEGEND.
- DO NOT SCALE DRAWINGS.
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KEYED NOTES:



A1 LEVEL 10 - FLOOR PLAN - DIMENSION
1/8" = 1'-0"



ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
**LEVEL 10 - DIMENSION
FLOOR PLAN**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: ajc
 CHECKED BY: K. RIGBY
 PROJECT#: 1904

SHEET NUMBER:

AE110

GENERAL NOTES:

- SEE SHEET G1002 FOR GENERAL NOTES.
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KEYED NOTES:

- SEMI-GLOSS PAINT ALL EXISTING ELEVATOR DOOR FRAMES. PT-4 SW 7019 GAUINLET GRAY. SEE FINISH LEGEND.
- SEMI-GLOSS PAINT ON ALL EXISTING DOOR FRAMES. COLOR TO MATCH ADJACENT WALL.
- UPDATE RESTROOM VANITY COUNTERTOPS, MATERIAL TO BE QZ-1, SEE FINISH LEGEND. REFERENCE MILLWORK DETAILS.
- UPDATE ALL RESTROOM PARTITIONS, REFERENCE SPECS FOR NEW STAINLESS STEEL PARTITIONS.
- REPLACE RESTROOM ACCESSORIES PER CLIENT STANDARDS: TOILET PAPER DISPENSERS, TOILET SEAT COVER DISPENSERS, SANITARY DISPOSAL, GRAB BARS.
- UPDATE PAINT IN RESTROOMS - WALLS TO BE PT-2 DOVETAIL SW 7018, CEILING TO BE PT-1 PEARLY WHITE SW 7009. SEE FINISH LEGEND.
- EXISTING FLOOR & WALL TILE TO REMAIN IN RESTROOMS.

FINISH NOTES:

- WALL, FLOOR, BASE AND CEILING KEYNOTE: THIS SYMBOL, WHEN ATTACHED TO A WALL, SHALL INDICATE THIS FINISH FOR THE ENTIRE LENGTH OF WALL FROM ONE INTERSECTION TO THE NEXT AND NOT BE TERMINATED BY WINDOWS OR DOORS, U.N.O.
- SEE SHEET AE620 FOR FINISH LEGEND.
- NORTH WALL
- WEST WALL
- FLOOR
- BASE
- EAST WALL
- SOUTH WALL
- RUBBER TRANSITION STRIP - SEE B5/ AE560
- METAL TRANSITION STRIP - SEE D5/ AE560
- FOR ALL WALL TILE GREATER THAN 12" IN LENGTH IN ANY DIRECTION, TILE SHALL BE INSTALLED RUNNING BOND WITH OFFSET NO GREATER THAN 1/3 THE LENGTH OF THE TILE.
- PROVIDE EPOXY PAINT AT ALL TOILET ROOMS AND JANITOR ROOMS.
- ALL TILE GROUT JOINTS TO BE NO LARGER THAN 1/8", U.N.O.
- FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
- COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
- SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.
- PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENCES IN THICKNESS.
- ALL GYP. BD. CEILINGS SHALL BE PAINTED AS INDICATED IN FINISH LEGEND.
- EXPOSED GYP. BD. CEILINGS SHALL BE PAINTED - REFER TO FINISH PLANS, REFLECTED CEILING PLANS, & FINISH SCHEDULE FOR PAINT COLOR.
- RATED WALL CONDITIONS SHALL REMAIN 5/8" TYPE-X GYP. BOARD. GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.
- PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.
- FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET SHEET AE620
- COORDINATE ALL FIXTURES AND EQUIPMENT WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.
- ALL EXPOSED PIPES IN ADA UNITS SHOULD BE WRAPPED IN A PVC INSULATION
- ALL WALLS PAINTED PT2 OR PT3, TO BE LEVEL 5 FINISH. EXISTING WALLS TO BE SKIM COATED FOR LEVEL 5 FINISH

FINISH LEGEND:

- PRIMARY CARPET FLOOR TILE 1
- ACCENT CARPET FLOOR TILE 2
- LUXURY VINYL FLOOR TILE 1
- STATIC DISSIPATIVE TILE 1
- PORCELAIN FLOOR TILE 1
- EXISTING MATERIAL TO REMAIN



703 east 1700 south
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 10 - FINISH
FLOOR PLAN**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

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CHECKED BY: K. RIGBY
PROJECT#: 1904

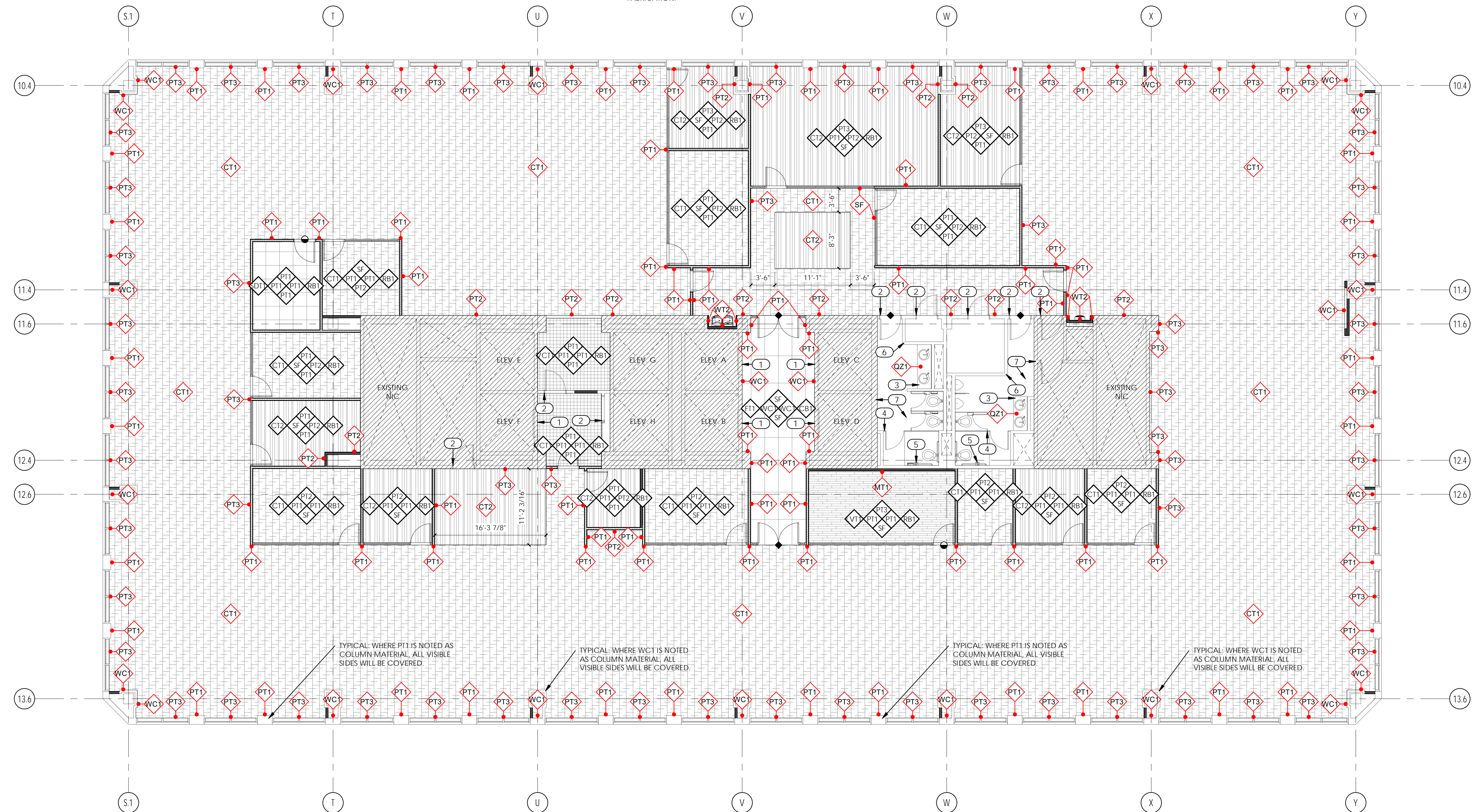
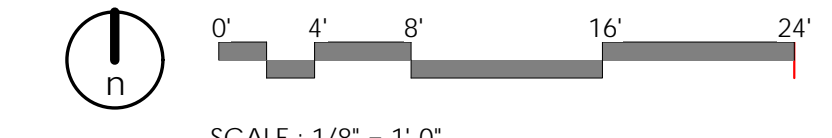
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AE120

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A1 LEVEL 10 - FLOOR PLAN - FINISH
1/8" = 1'-0"



GENERAL NOTES:

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- SEE TITLE SHEET FOR DRAWING INDEX.
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- SEMI-GLOSS PAINT ALL EXISTING ELEVATOR DOOR FRAMES. PT-4 SW 7019 GAUJINET GRAY. SEE FINISH LEGEND.
- SEMI-GLOSS PAINT ON ALL EXISTING DOOR FRAMES. COLOR TO MATCH ADJACENT WALL.
- UPDATE RESTROOM VANITY COUNTERTOPS, MATERIAL TO BE QZ-1. SEE FINISH LEGEND. REFERENCE MILLWORK DETAILS.
- REPLACE RESTROOM ACCESSORIES PER CLIENT STANDARDS: TOILET PAPER DISPENSERS, TOILET SEAT COVER DISPENSERS, SANITARY DISPOSAL, GRAB BARS.
- UPDATE ALL RESTROOM PARTITIONS, REFERENCE SPECS FOR NEW STAINLESS STEEL PARTITIONS.
- UPDATE PAINT IN RESTROOMS - WALLS TO BE PT-2 DOVETAIL SW 7018, CEILING TO BE PT-1 PEARLY WHITE SW 7009. SEE FINISH LEGEND.
- EXISTING FLOOR & WALL TILE TO REMAIN IN RESTROOMS.

FINISH NOTES:

- WALL, FLOOR, BASE AND CEILING KEYNOTE: THIS SYMBOL, WHEN ATTACHED TO A WALL, SHALL INDICATE THIS FINISH FOR THE ENTIRE LENGTH OF WALL FROM ONE INTERSECTION TO THE NEXT AND NOT BE TERMINATED BY WINDOWS OR DOORS, U.N.O.
- SEE SHEET AE620 FOR FINISH LEGEND.
- NORTH WALL
- WEST WALL
- FLOOR
- BASE
- EAST WALL
- SOUTH WALL
- RUBBER TRANSITION STRIP - SEE B5/ AE560
- METAL TRANSITION STRIP - SEE D5/ AE560
- FOR ALL WALL TILE GREATER THAN 12" IN LENGTH IN ANY DIRECTION, TILE SHALL BE INSTALLED RUNNING BOND WITH OFFSET NO GREATER THAN 1/3 THE LENGTH OF THE TILE.
- PROVIDE EPOXY PAINT AT ALL TOILET ROOMS AND JANITOR ROOMS.
- ALL TILE GROUT JOINTS TO BE NO LARGER THAN 1/8", U.N.O.
- FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
- COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
- SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.
- PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENCES IN THICKNESS.
- ALL GYP. BD. CEILINGS SHALL BE PAINTED AS INDICATED IN FINISH LEGEND.
- EXPOSED GYP. BD. CEILINGS SHALL BE PAINTED - REFER TO FINISH PLANS, REFLECTED CEILING PLANS, & FINISH SCHEDULE FOR PAINT COLOR.
- RATED WALL CONDITIONS SHALL REMAIN 5/8" TYPE-X GYP. BOARD. GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.
- PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.
- FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET SHEET AE620
- COORDINATE ALL FIXTURES AND EQUIPMENT WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.
- ALL EXPOSED PIPES IN ADA UNITS SHOULD BE WRAPPED IN A PVC INSULATION
- ALL WALLS PAINTED PT2 OR PT3, TO BE LEVEL 5 FINISH- EXISTING WALLS TO BE SKIM COATED FOR LEVEL 5 FINISH

FINISH LEGEND:

- PRIMARY CARPET FLOOR TILE 1
- ACCENT CARPET FLOOR TILE 2
- LUXURY VINYL FLOOR TILE 1
- STATIC DISSIPATIVE TILE 1
- PORCELAIN FLOOR TILE 1
- EXISTING MATERIAL TO REMAIN
- VINYL COMPOSITE TILE
- RUBBER FLOORING TILE



ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
**LEVEL 16 - FINISH
FLOOR PLAN**

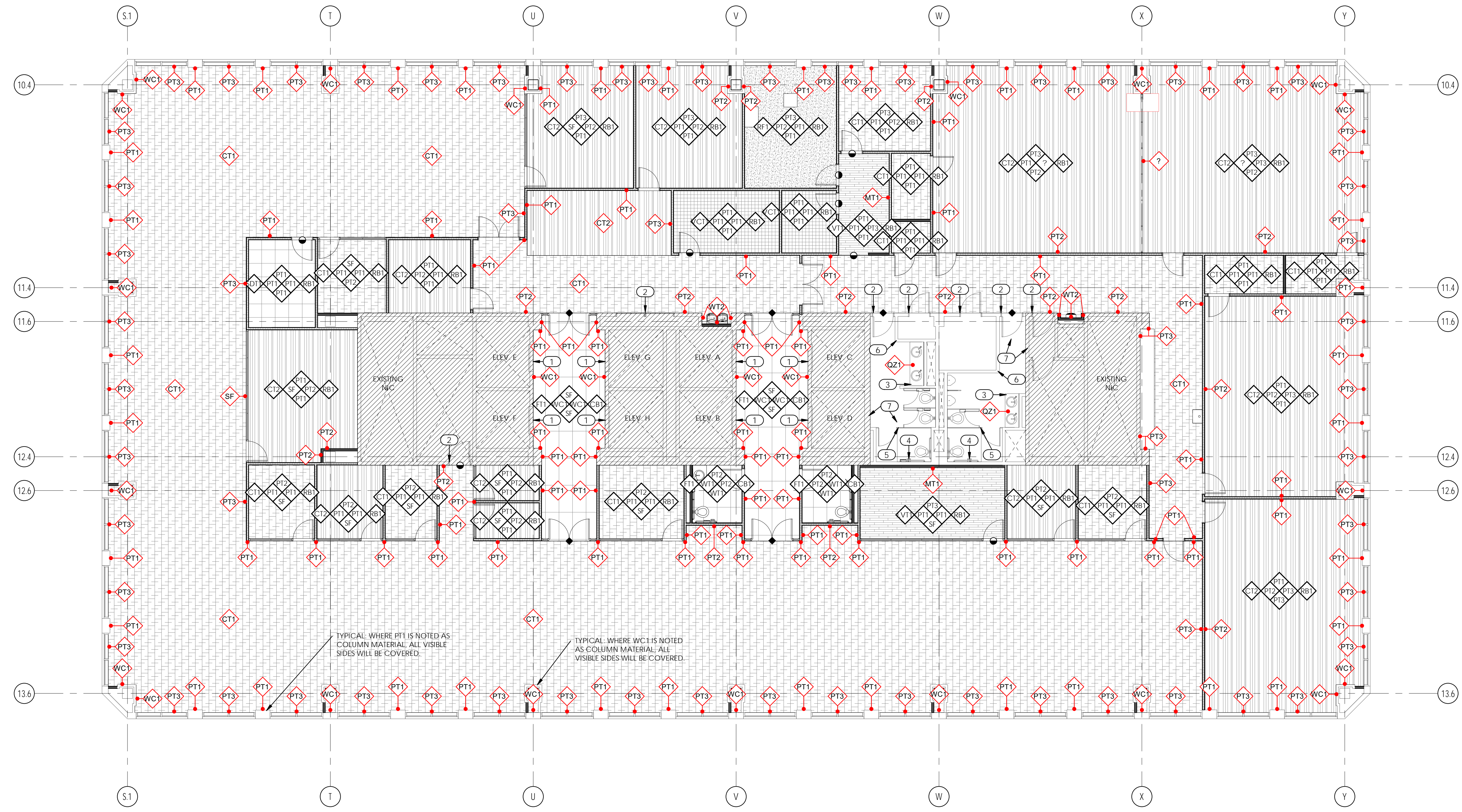
REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

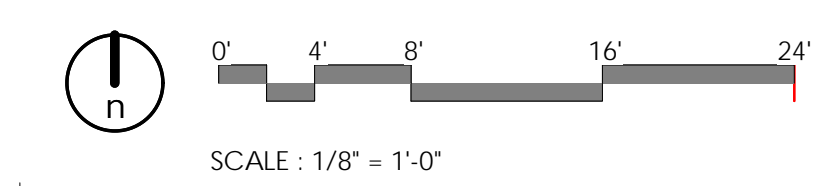
AE121



TYPICAL: WHERE PT1 IS NOTED AS COLUMN MATERIAL, ALL VISIBLE SIDES WILL BE COVERED.

TYPICAL: WHERE WC1 IS NOTED AS COLUMN MATERIAL, ALL VISIBLE SIDES WILL BE COVERED.

A1 LEVEL 16 - FLOOR PLAN - FINISH
1/8" = 1'-0"



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GENERAL NOTES:

- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE COVER SHEET FOR DRAWING INDEX
- DO NOT SCALE DRAWINGS.
- CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.
- THIS IS A REFLECTED CEILING PLAN AND IS NOT INTENDED TO BE A LIGHTING PLAN. NO WALL MOUNTED LIGHTING FIXTURES OR OTHER WALL MOUNTED APPURTENANCES ARE SHOWN. SEE THE LIGHTING PLAN FOR ALL LIGHTING AND EGRESS SIGNS, SIZE AND TYPES OF ELECTRICAL FIXTURES ETC. SEE MECHANICAL PLANS FOR ALL CEILING MOUNTED DIFFUSERS /GRILLES ETC.
- WHEN THE INTERSTITIAL SPACES SUCH AS A PLENUMS (WHETHER SUPPLY OR RETURN) ARE USED FOR ENVIRONMENTAL AIR THEY SHALL BE NON-COMBUSTIBLE CONSTRUCTION OR HAVE A FLAME SPREAD RATING OF 0-25 AND SMOKE INDEX OF 0-50 WHEN TESTED IN ACCORDANCE TO ASTM E-84.

KEYED NOTES:

- AUTOMATIC BLACKOUT SHADE WITH SIDEWALL JAMB TRACKS. SEE ELECTRICAL DRAWINGS.
- HORIZONTAL LOUVER BLINDS. TYPICAL ALL WINDOWS. U.N.O.
- CHANGE OF CEILING PANEL TYPE
- PROVIDE ALLOWANCE FOR 4 CEILING ACCESS PANELS PER DETAIL B4/AE510. COORDINATE LOCATION WITH MECHANICAL.
- PAINT EXISTING RESTROOM CEILINGS. PT1. SEE FINISH LEGEND.
- PATCH AND REPAIR GYP. BD. AS REQUIRED FOR NEW MECHANICAL PENETRATIONS.

CEILING NOTES:

SEE AE510 FOR TYPICAL CEILING DETAILS

CEILING LEGEND:

- SURFACE MOUNTED OR LAY-IN CEILING FLUORESCENT FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.
- SURFACE MOUNTED LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.
- DOWN LIGHT FIXTURES. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.
- LIGHTING SYSTEM SENSORS. SEE ELECTRICAL PLAN.
- LIFE SAFETY DEVICES. SEE ELECTRICAL PLAN.
- SUPPLY, RETURN & EXHAUST DIFFUSERS/GRILLES. SEE MECHANICAL.
- AUDIO/VISUAL EQUIPMENT. COORDINATE LOCATION W/ ELECTRICAL & OWNER.
- RECESSED CAN
- OCCUPANCY PHOTOCELL SENSOR
- EXIT SIGN
- SUPPLY
- RETURN/EXHAUST
- RECESSED SPEAKER

- C1 2' X 4' SUSPENDED ACOUSTICAL PANEL CEILING, BLACK TILES, BLACK TRACK (EQ. ROCKFON COLOR-ALL BLACK 08) ***NOTE: CEILING TYPE TO BE INSTALLED ABOVE WOOD SLAT CEILING LOCATIONS
- C2 GYP. CEILING, PAINT.
- C3 2' X 4' SUSPENDED ACOUSTICAL PANEL CEILING (EQ. ROCKFON KORAL, COLOR- WHITE)
- C4 2' X 4' SUSPENDED 1" ACOUSTICAL PANEL CEILING (EQ. ROCKFON 20100)
- C5 WOOD SLAT CEILING (EQ. 9 WOOD 1100)
- INDICATES CEILING HEIGHT = 8'-0" AFF SEE PLAN FOR ADDITIONAL CEILING HEIGHTS
- EXISTING STRUCTURE ABOVE



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PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
**LEVEL 10 - CEILING
PLAN**

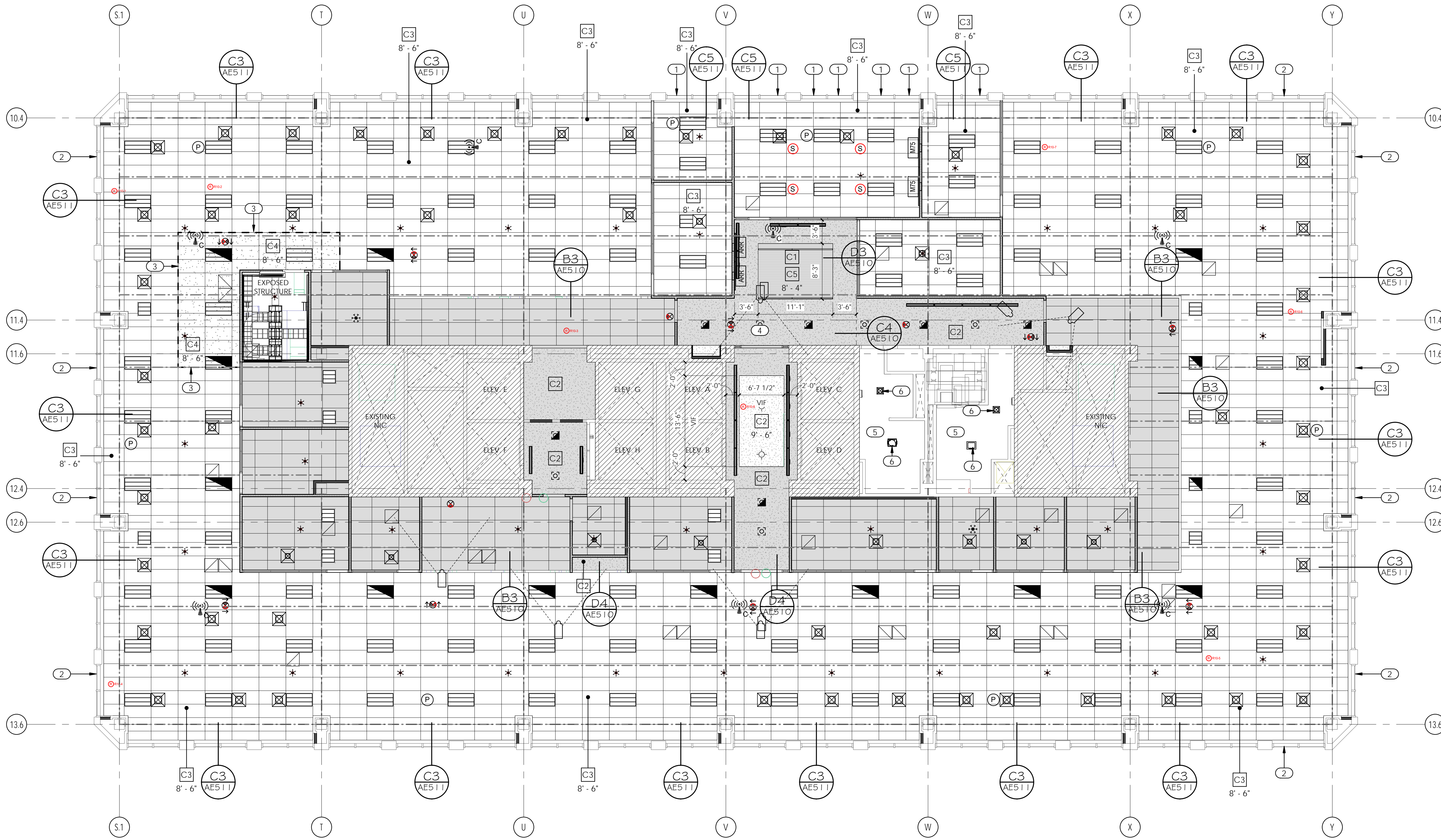
REVISIONS

MARK	DATE	DESCRIPTION
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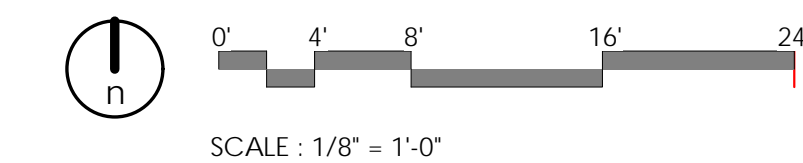
ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

AE130



A1 LEVEL 10 - CEILING PLAN
1/8" = 1'-0"



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GENERAL NOTES:

- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE COVER SHEET FOR DRAWING INDEX.
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KEYED NOTES:

- HORIZONTAL LOUVER BLINDS. TYPICAL ALL WINDOWS. U.N.O.
- AUTOMATIC BLACKOUT SHADE WITH SIDEWALL JAMB TRACKS. SEE ELECTRICAL DRAWINGS.
- CHANGE OF CEILING PANEL TYPE.
- PROVIDE ALLOWANCE FOR 4 CEILING ACCESS PANELS PER DETAIL B4/AE510. COORDINATE LOCATION WITH MECHANICAL.
- PAINT EXISTING RESTROOM CEILINGS. PT1. SEE FINISH LEGEND.
- PATCH AND REPAIR GYP. BD. AS REQUIRED FOR NEW MECHANICAL PENETRATIONS.

CEILING NOTES:

SEE AE510 FOR TYPICAL CEILING DETAILS

CEILING LEGEND:

- SURFACE MOUNTED OR LAY-IN CEILING FLUORESCENT FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.
- SURFACE MOUNTED LIGHTING FIXTURE. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.
- DOWN LIGHT FIXTURES. SEE ELECTRICAL PLAN FOR SIZE AND TYPE.
- LIGHTING SYSTEM SENSORS. SEE ELECTRICAL PLAN.
- LIFE SAFETY DEVICES. SEE ELECTRICAL PLAN.
- SUPPLY, RETURN & EXHAUST DIFFUSERS/GRILLES. SEE MECHANICAL.
- AUDIO/VISUAL EQUIPMENT. COORDINATE LOCATION W/ ELECTRICAL & OWNER.
- RECESSED CAN
- OCCUPANCY PHOTOCELL SENSOR
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- C3 2' X 4' SUSPENDED ACOUSTICAL PANEL CEILING (EQ. ROCKFON KORAL, COLOR- WHITE)
- C4 2' X 4' SUSPENDED 1" ACOUSTICAL PANEL CEILING (EQ. ROCKFON 20100)
- C5 WOOD SLAT CEILING (EQ. 9 WOOD 1100)
- INDICATES CEILING HEIGHT = 8'-0" AFF. SEE PLAN FOR ADDITIONAL CEILING HEIGHTS
- EXISTING STRUCTURE ABOVE



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PROJECT DESCRIPTION

**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 16 - CEILING
PLAN**

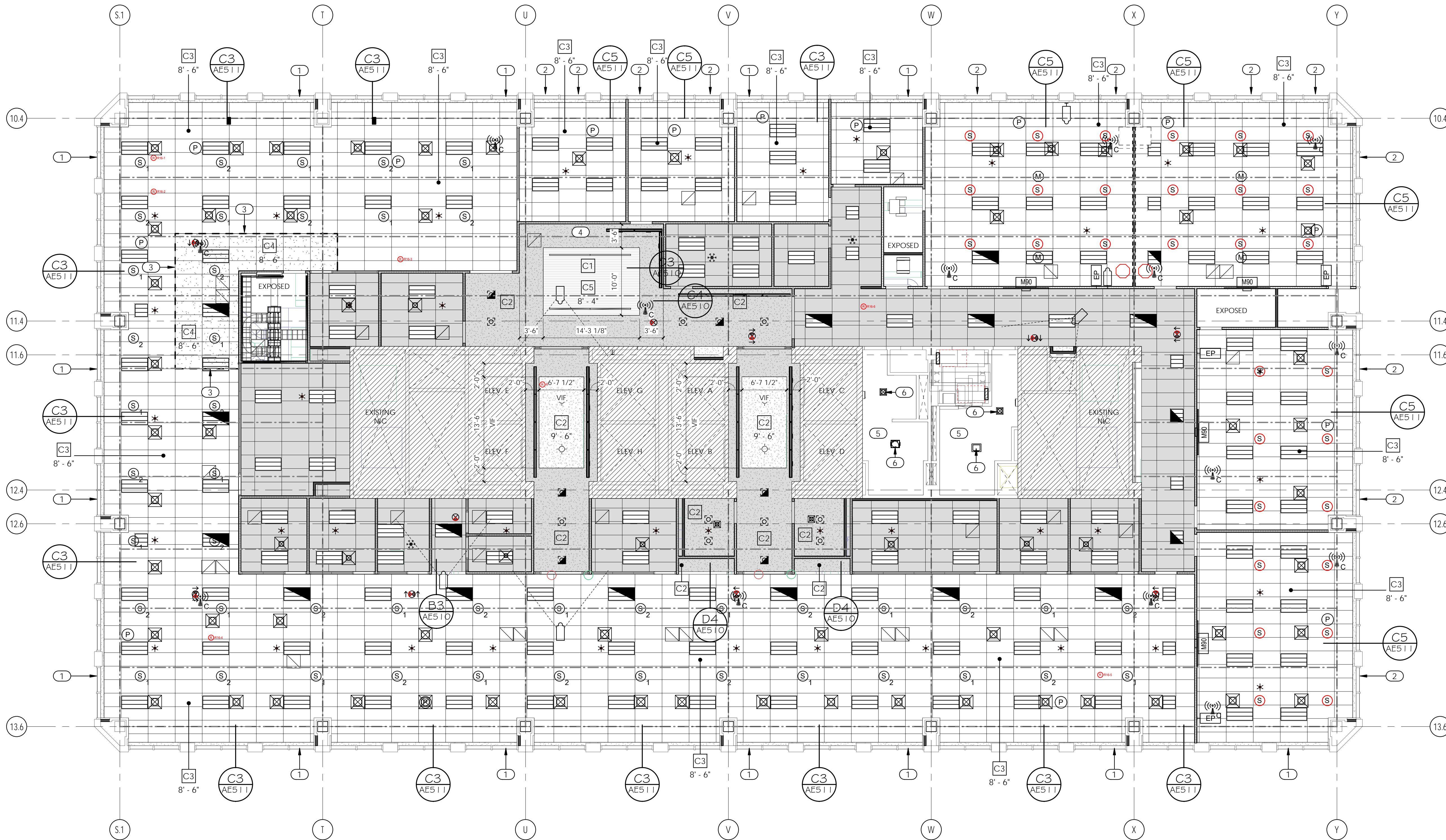
REVISIONS

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1	06/04/19	ADDENDUM 01

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DRAWN BY: Author
CHECKED BY: Checker
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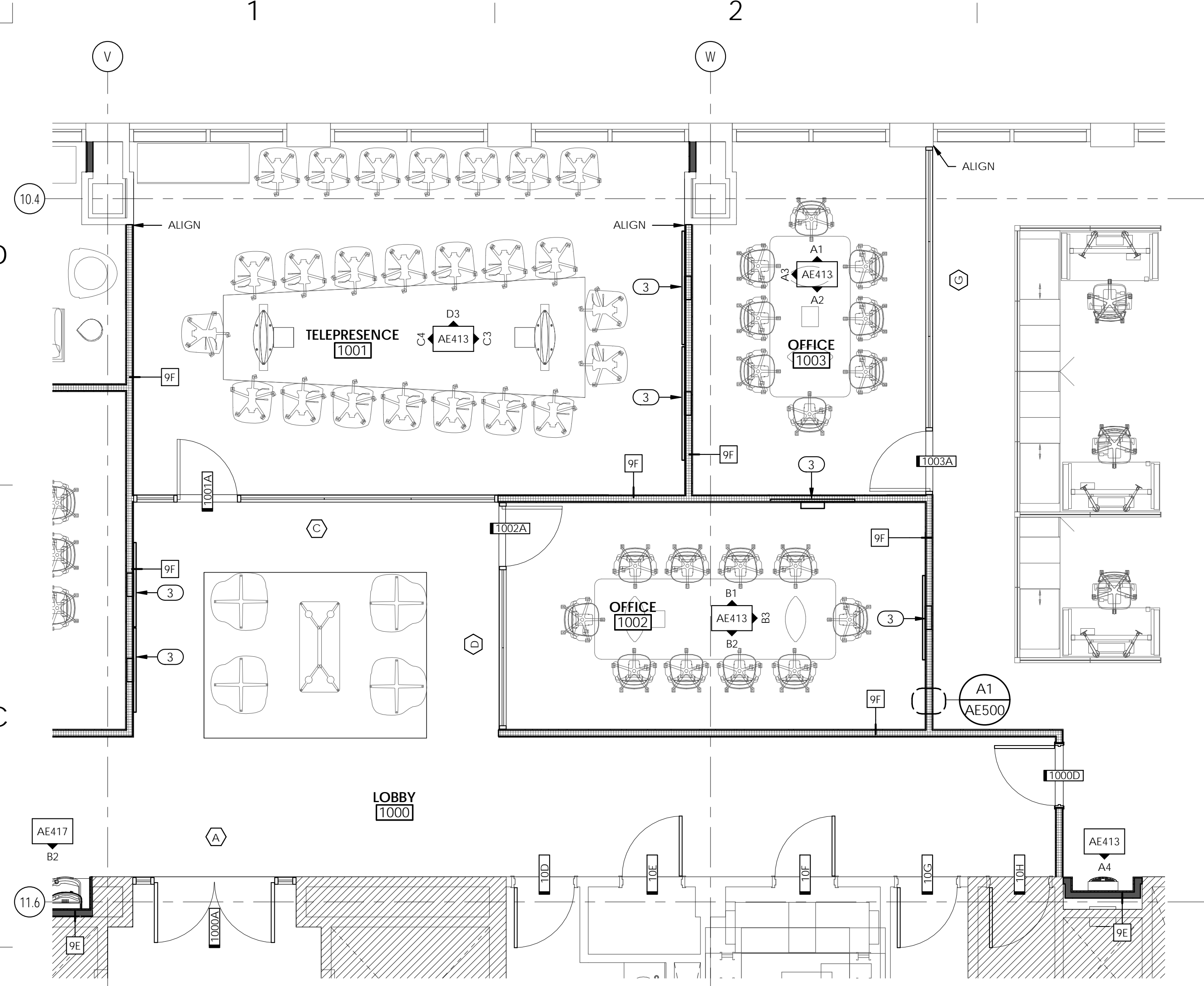
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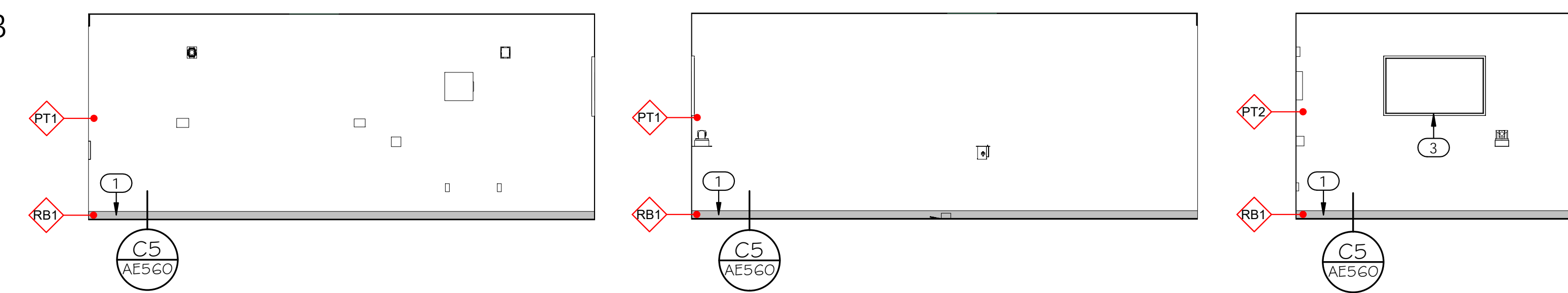
A1 LEVEL 16 - CEILING PLAN
1/8" = 1'-0"

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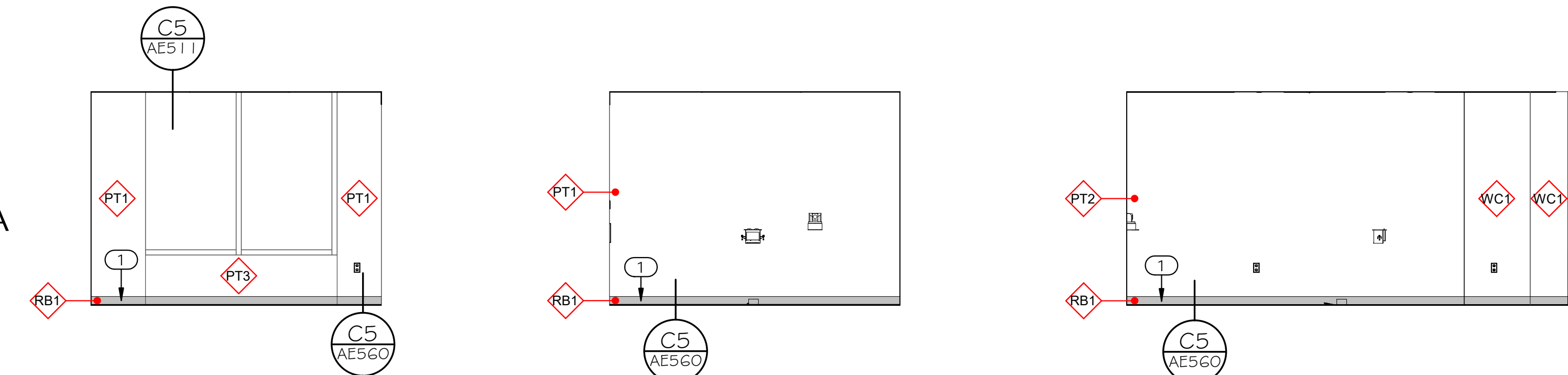
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1/4" = 1'-0"



B1 LEVEL 10 - OFFICE 1002 - NORTH
1/4" = 1'-0"

B2 LEVEL 10 - OFFICE 1002 - SOUTH
1/4" = 1'-0"

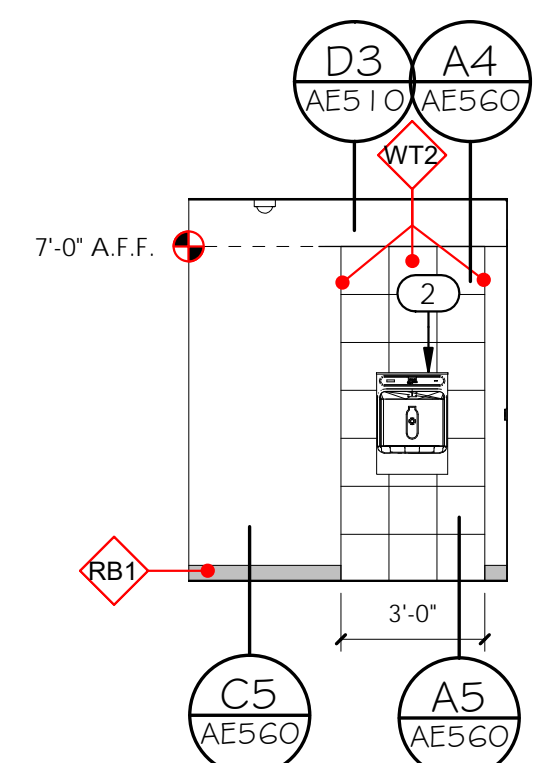
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1/4" = 1'-0"



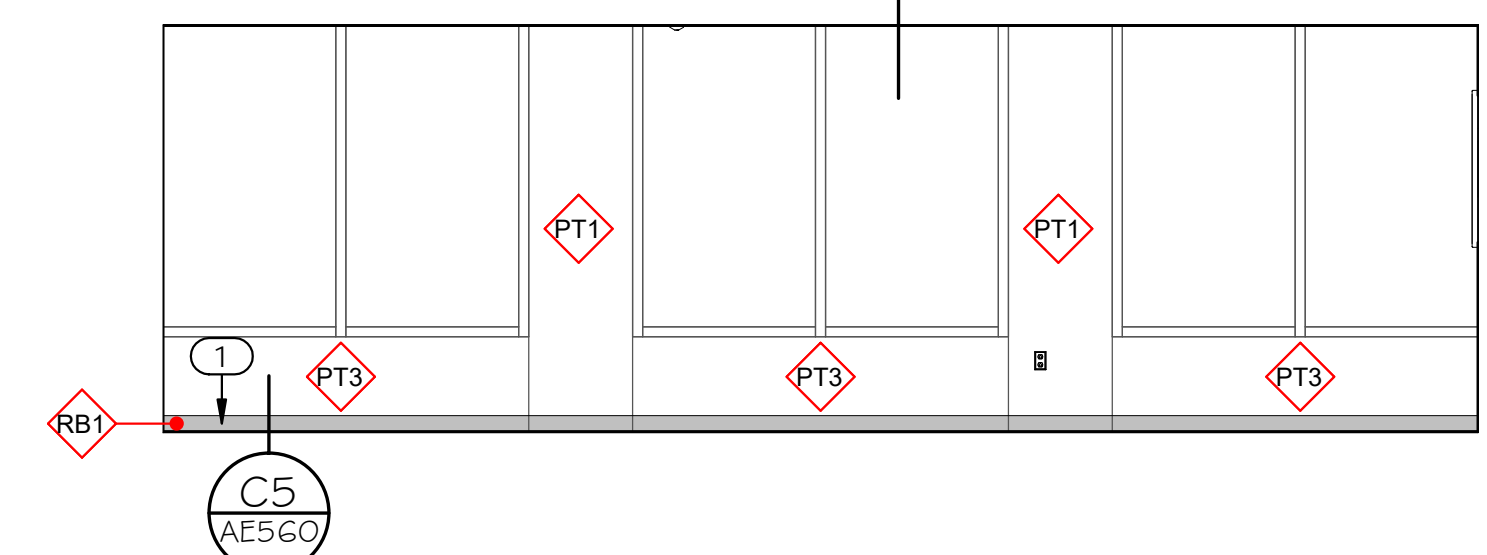
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1/4" = 1'-0"

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1/4" = 1'-0"

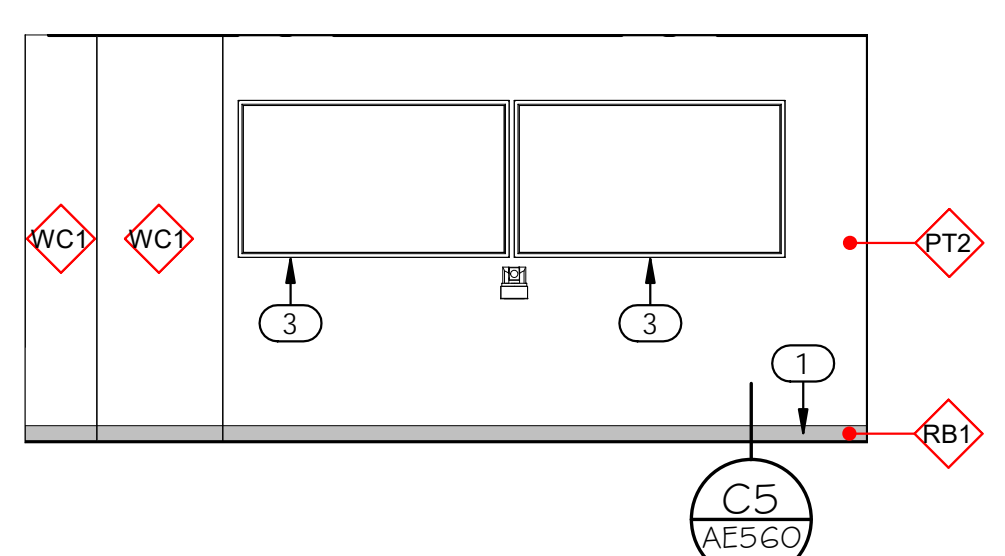
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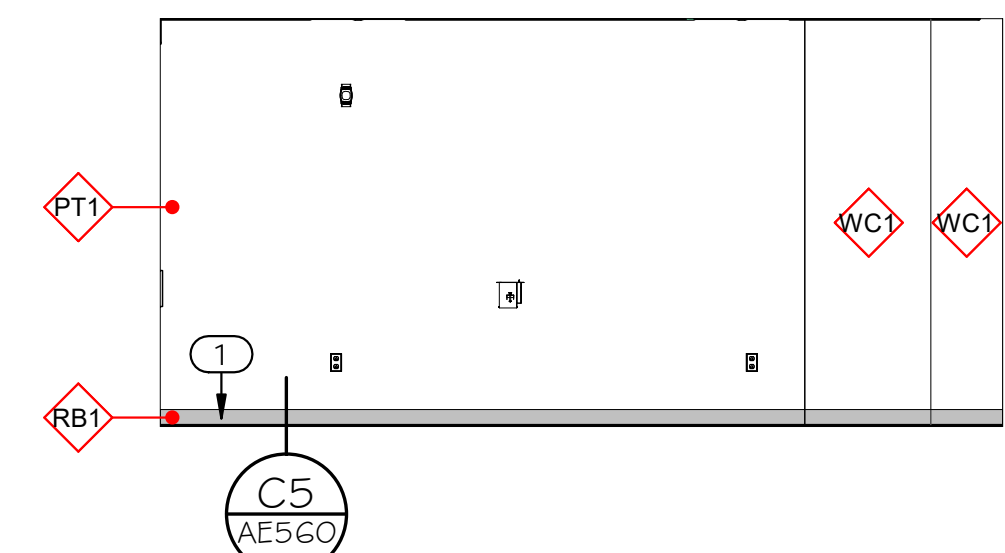
A4 LEVEL 10 - BOTTLE FILLER
1/4" = 1'-0"



D3 LEVEL 10 - TELEPRESENCE 1001 - NORTH
1/4" = 1'-0"



C3 LEVEL 10 - TELEPRESENCE 1001 - EAST
1/4" = 1'-0"



C4 LEVEL 10 - TELEPRESENCE 1001 - WEST
1/4" = 1'-0"

GENERAL NOTES:

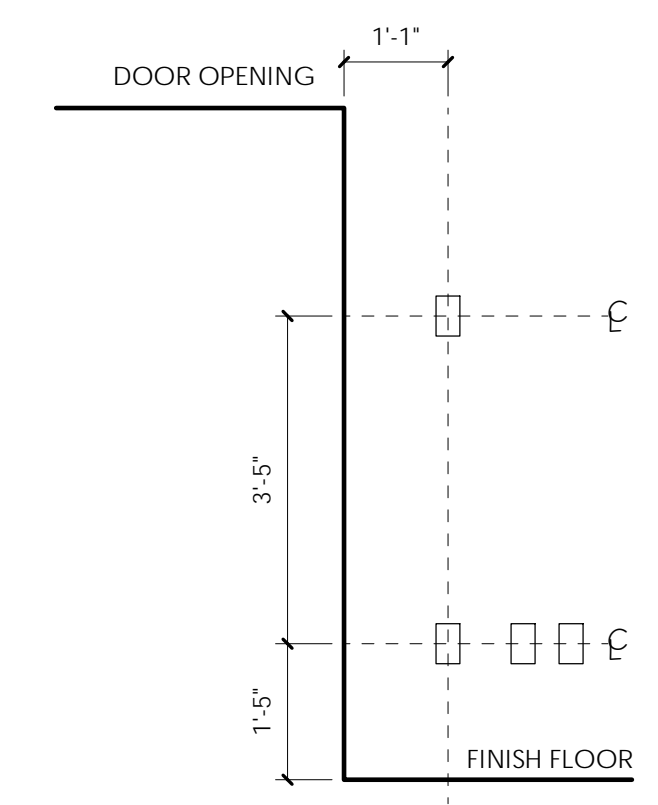
- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
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- BLOCKING & BACKING PER DETAILS B2/AE530 SHOULD BE INCLUDED BEHIND ALL WALL MOUNTED MONITORS, MARKER BOARDS, AND RESTROOM ACCESSORIES.

GENERAL FINISH NOTES:

FLOOR THRESHOLD TAGS: THESE SYMBOLS INDICATE THE TYPE OF THRESHOLD THAT SHALL BE INSTALLED BETWEEN CHANGES IN FLOOR MATERIAL. CONTRACTOR SHALL BE RESPONSIBLE FOR BUILDING THESE PER DETAILS IN THE INTERIOR FINISH DETAILS. ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O.

- RUBBER TRANSITION STRIP → ● SEE B5/ AE560
- METAL TRANSITION STRIP → ◆ SEE D5/ AE560

- FOR ALL WALL TILE GREATER THAN 12" IN LENGTH IN ANY DIRECTION, TILE SHALL BE INSTALLED RUNNING BOND WITH OFFSET NO GREATER THAN 1/3 THE LENGTH OF THE TILE.
- PROVIDE EPOXY PAINT AT ALL TOILET ROOMS AND JANITOR ROOMS.
- ALL TILE GROUT JOINTS TO BE NO LARGER THAN 1/8", U.N.O.
- FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
- COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
- SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.
- PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENCES IN THICKNESS.
- EXPOSED GYP. BD. CEILINGS SHALL BE PAINTED - REFER TO FINISH PLANS, REFLECTED CEILING PLANS, & FINISH SCHEDULE FOR PAINT COLOR.
- RATED WALL CONDITIONS SHALL REMAIN 5/8" TYPE-X GYP. BOARD, GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.
- PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.
- FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET AE620.
- FOR EQUIPMENT, ACCESSORIES, AND FIXTURES, SEE SCHEDULE ON SHEET AE620.
- COORDINATE ALL FIXTURES AND EQUIPMENT WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.
- ALL EXPOSED PIPES IN LAVATORIES SHOULD BE WRAPPED IN A PVC INSULATION.



NOTE: ALL OUTLETS, SWITCHES, STROBES, AND OTHER WALL-MOUNTED ELECTRICAL/FIRE PROTECTION DEVICES TO BE ALIGNED ON THE FACE OF THE WALL AND WITHIN CODE REQUIRED CLEARANCES OF DOORS/OPENINGS/EDGE OF WALL

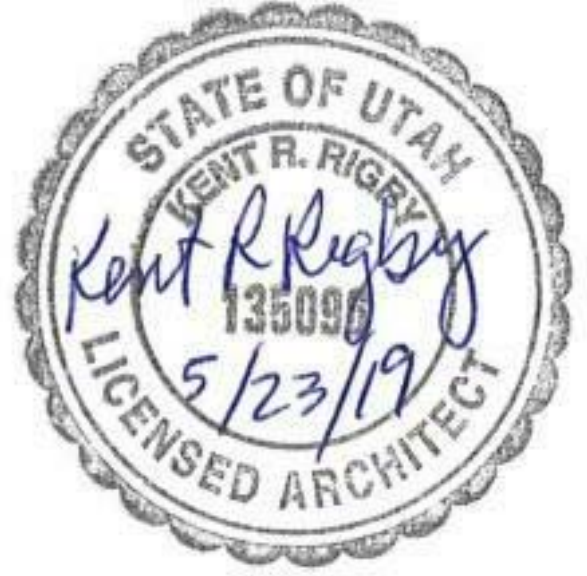
KEYED NOTES:

- RUBBER BASE, ADHESIVE APPLIED. SEE SPECIFICATIONS & FINISH LEGEND.
- WATER BOTTLE FILLER. SEE PLUMBING DRAWINGS.
- WALL MOUNTED MONITOR, OWNER PROVIDED, CONTRACTOR INSTALLED. PROVIDE SOLID BLOCKING/BACKING IN WALLS FOR ANCHORING PER DETAIL A4/AE530. SEE ELECTRICAL.



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 10 - ENLARGED
FLOOR PLANS +
INTERIOR ELEVATIONS**

REVISIONS

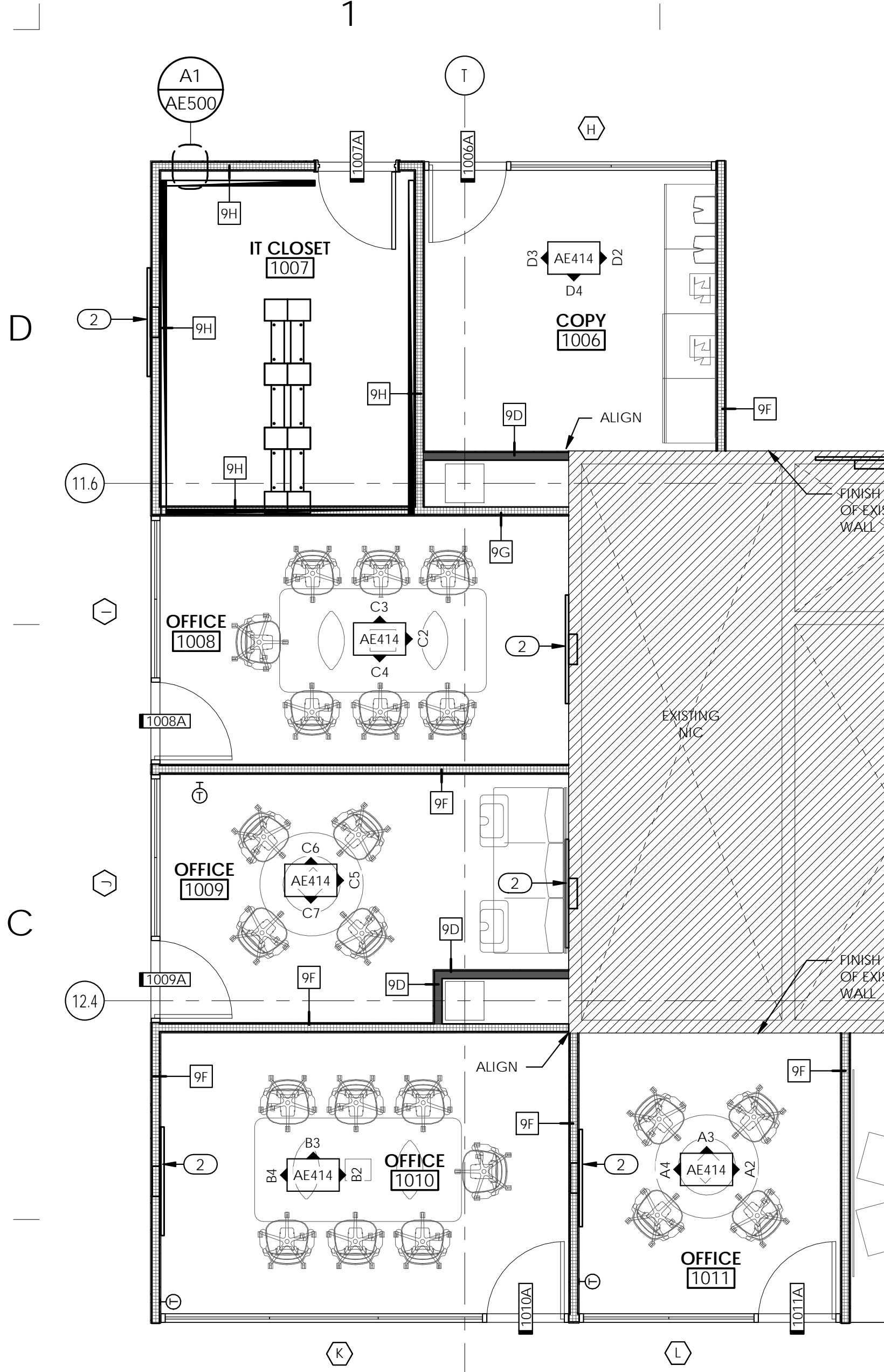
MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

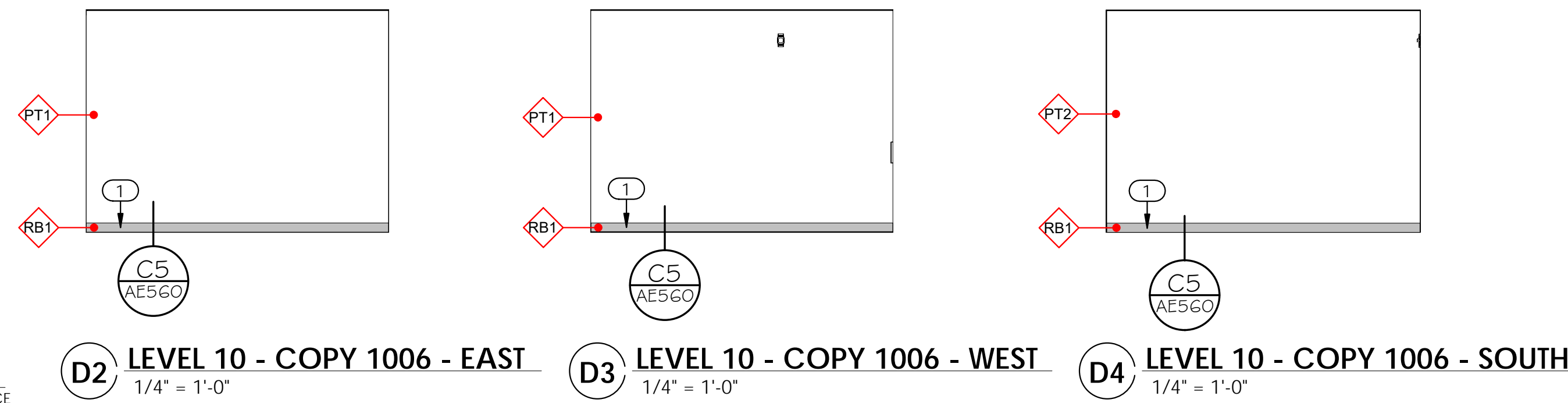
SHEET NUMBER:

AE413

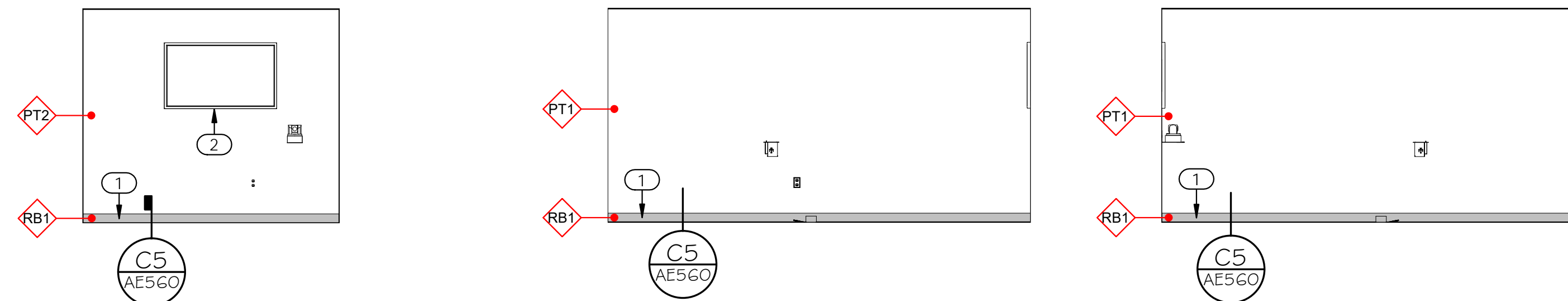
6/5/2019 5:51:26 PM \\ajccorpvs04c1\users\black\Documents\1904 01 JHC KBT_Level 10 and 16 v19_eblack.rvt
 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THE PROPERTY OF A/C ARCHITECTS P.C. ARE THE PROPERTY OF A/C ARCHITECTS P.C. AND SHALL REMAIN THE PROPERTY OF A/C ARCHITECTS P.C. UNLESS OTHERWISE SPECIFIED. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN CONSENT OF A/C ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE KBT BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION WITHOUT WRITTEN CONSENT OF A/C ARCHITECTS P.C. IS A CRIMINAL OFFENSE UNDER U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET VIOLATION IN VIOLATION OF 18 U.S.C. 1831. 1/11/18 JHC AND OTHERS.



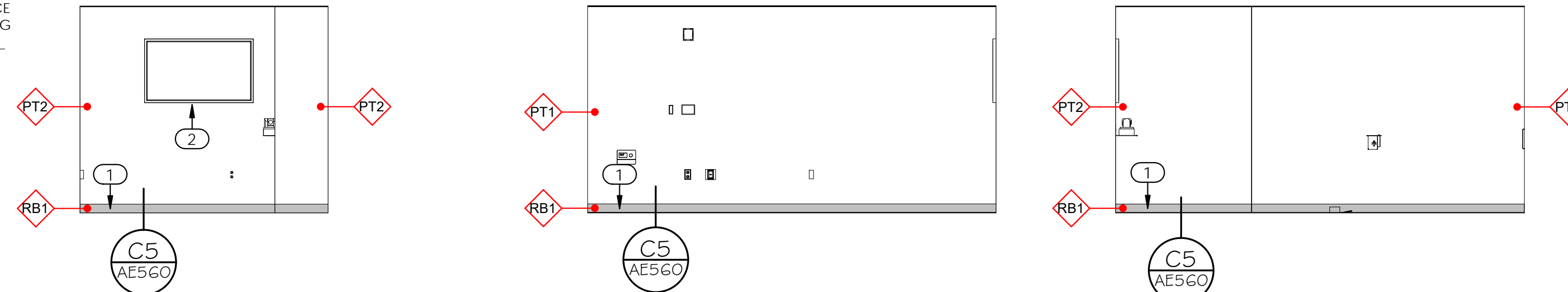
D1 LEVEL 10 - ENLARGED FLOOR PLAN - 1006 - 1011
1/4" = 1'-0"



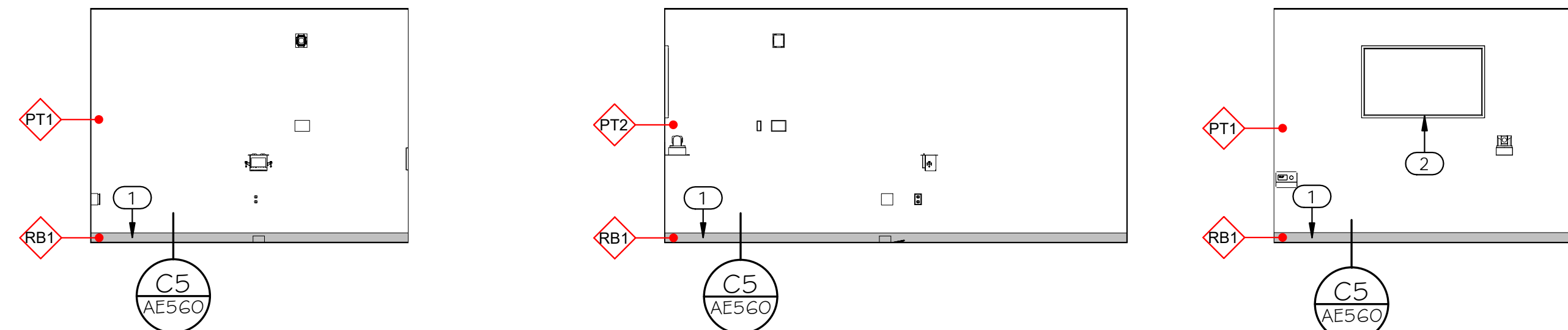
D2 LEVEL 10 - COPY 1006 - EAST 1/4" = 1'-0"
D3 LEVEL 10 - COPY 1006 - WEST 1/4" = 1'-0"
D4 LEVEL 10 - COPY 1006 - SOUTH 1/4" = 1'-0"



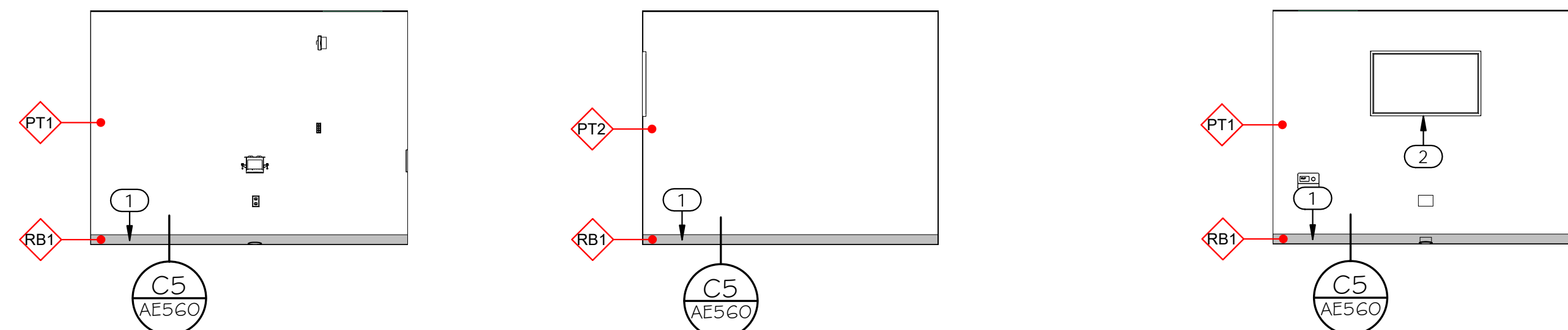
C2 LEVEL 10 - OFFICE 1008 - EAST 1/4" = 1'-0"
C3 LEVEL 10 - OFFICE 1008 - NORTH 1/4" = 1'-0"
C4 LEVEL 10 - OFFICE 1008 - SOUTH 1/4" = 1'-0"



C5 LEVEL 10 - OFFICE 1009 - EAST 1/4" = 1'-0"
C6 LEVEL 10 - OFFICE 1009 - NORTH 1/4" = 1'-0"
C7 LEVEL 10 - OFFICE 1009 - SOUTH 1/4" = 1'-0"



B2 LEVEL 10 - OFFICE 1010 - EAST 1/4" = 1'-0"
B3 LEVEL 10 - OFFICE 1010 - NORTH 1/4" = 1'-0"
B4 LEVEL 10 - OFFICE 1010 - WEST 1/4" = 1'-0"



A2 LEVEL 10 - OFFICE 1011 - EAST 1/4" = 1'-0"
A3 LEVEL 10 - OFFICE 1011 - NORTH 1/4" = 1'-0"
A4 LEVEL 10 - OFFICE 1011 - WEST 1/4" = 1'-0"

GENERAL NOTES:

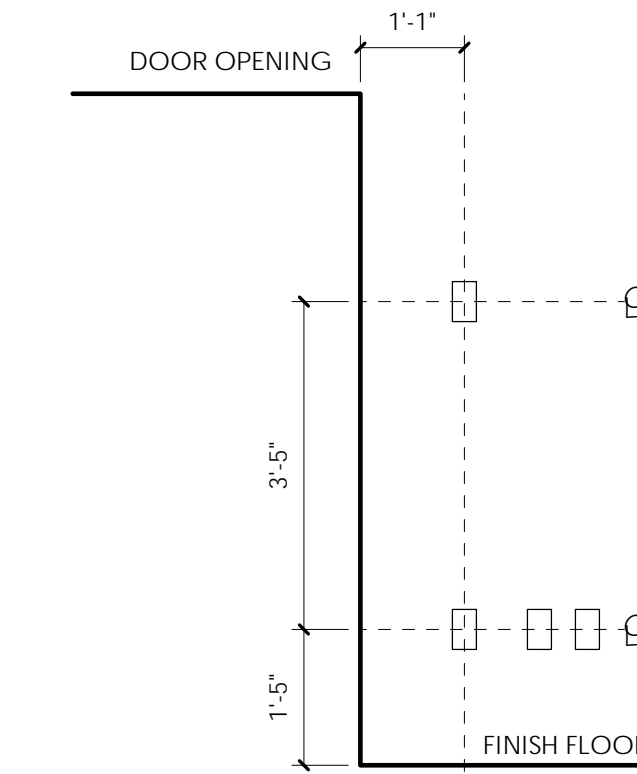
- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- DO NOT SCALE DRAWINGS.
- CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK. AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.
- BLOCKING & BACKING PER DETAILS B2/AE530 SHOULD BE INCLUDED BEHIND ALL WALL MOUNTED MONITORS, MARKER BOARDS, AND RESTROOM ACCESSORIES.

GENERAL FINISH NOTES:

FLOOR THRESHOLD TAGS: THESE SYMBOLS INDICATE THE TYPE OF THRESHOLD THAT SHALL BE INSTALLED BETWEEN CHANGES IN FLOOR MATERIAL. CONTRACTOR SHALL BE RESPONSIBLE FOR BUILDING THESE PER DETAILS IN THE INTERIOR FINISH DETAILS. ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O.

- RUBBER TRANSITION STRIP SEE B5/ AE560
- METAL TRANSITION STRIP SEE D5/ AE560

- FOR ALL WALL TILE GREATER THAN 12" IN LENGTH IN ANY DIRECTION, TILE SHALL BE INSTALLED RUNNING BOND WITH OFFSET NO GREATER THAN 1/3 THE LENGTH OF THE TILE.
- PROVIDE EPOXY PAINT AT ALL TOILET ROOMS AND JANITOR ROOMS.
- ALL TILE GROUT JOINTS TO BE NO LARGER THAN 1/8", U.N.O.
- FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
- COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
- SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.
- PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENCES IN THICKNESS.
- EXPOSED GYP. BD. CEILINGS SHALL BE PAINTED - REFER TO FINISH PLANS, REFLECTED CEILING PLANS, & FINISH SCHEDULE FOR PAINT COLOR.
- RATED WALL CONDITIONS SHALL REMAIN 5/8" TYPE-X GYP. BOARD, GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.
- PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.
- FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET AE620.
- FOR EQUIPMENT, ACCESSORIES, AND FIXTURES, SEE SCHEDULE ON SHEET AE620.
- COORDINATE ALL FIXTURES AND EQUIPMENT WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.
- ALL EXPOSED PIPES IN LAVATORIES SHOULD BE WRAPPED IN A PVC INSULATION



NOTE: ALL OUTLETS, SWITCHES, STROBES, AND OTHER WALL-MOUNTED ELECTRICAL/FIRE PROTECTION DEVICES TO BE ALIGNED ON THE FACE OF THE WALL AND WITHIN CODE REQUIRED CLEARANCES OF DOORS/OPENINGS/EDGE OF WALL

KEYED NOTES:

- 1 RUBBER BASE, ADHESIVE APPLIED. SEE SPECIFICATIONS & FINISH LEGEND.
- 2 WALL MOUNTED MONITOR, OWNER PROVIDED, CONTRACTOR INSTALLED. PROVIDE SOLID BLOCKING/BACKING IN WALLS FOR ANCHORING PER DETAIL A4/AE530. SEE ELECTRICAL.



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salt lake city, utah 84105
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 10 - ENLARGED
FLOOR PLANS +
INTERIOR ELEVATIONS**

REVISIONS

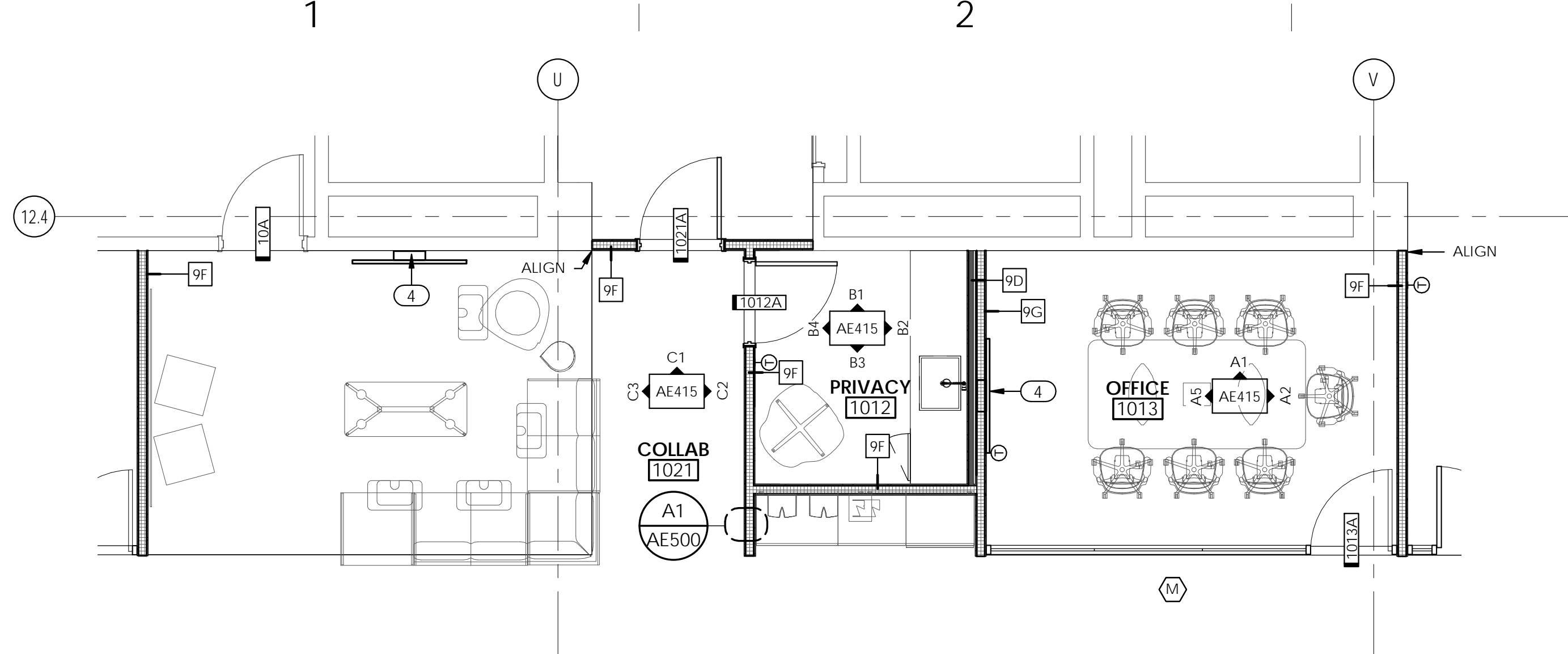
MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: ajc
 CHECKED BY: K. RIGBY
 PROJECT#: 1904

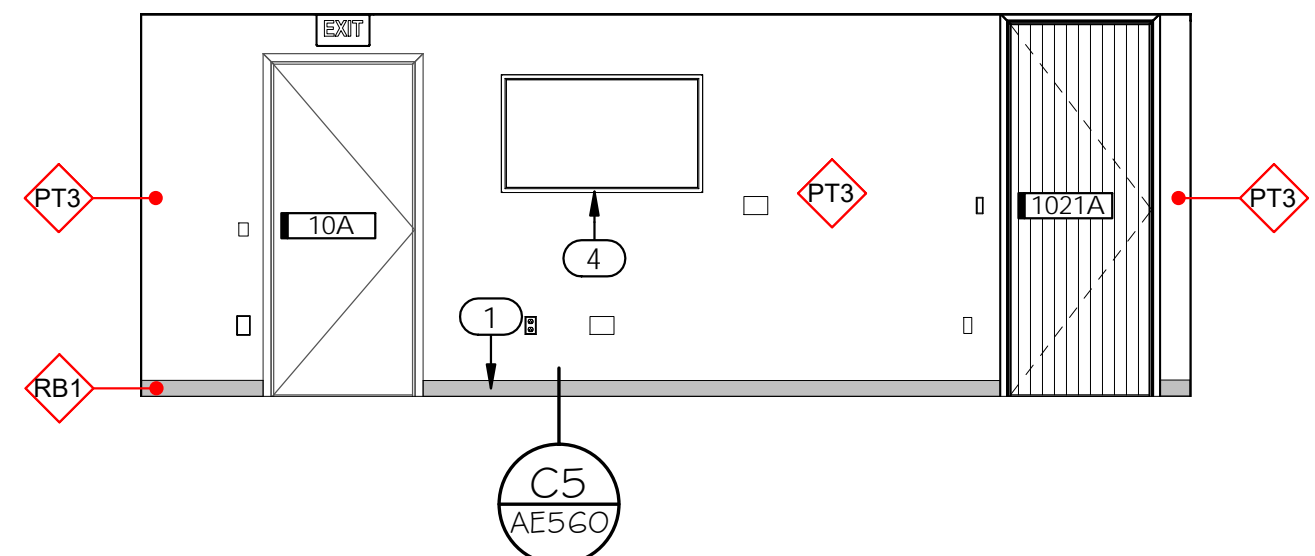
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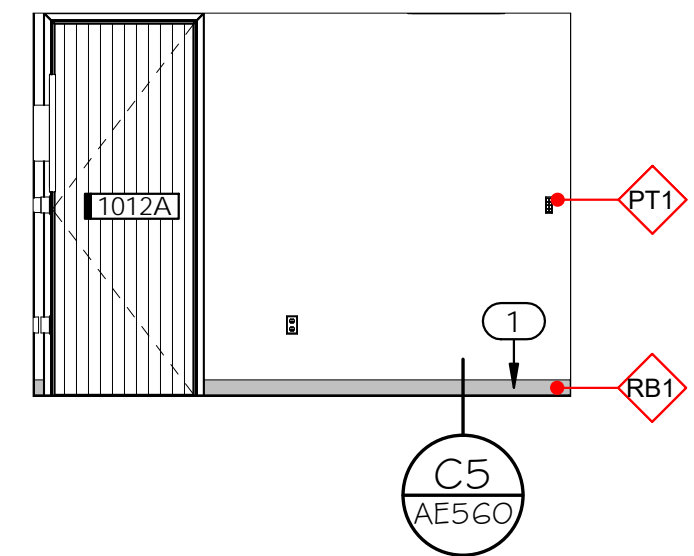
6/5/2019 5:51:40 PM \\ajccorpvs04c1\users\elblack\Documents\1904 01 JHC KBI_Level 10 and 16 v19_elblack.rvt
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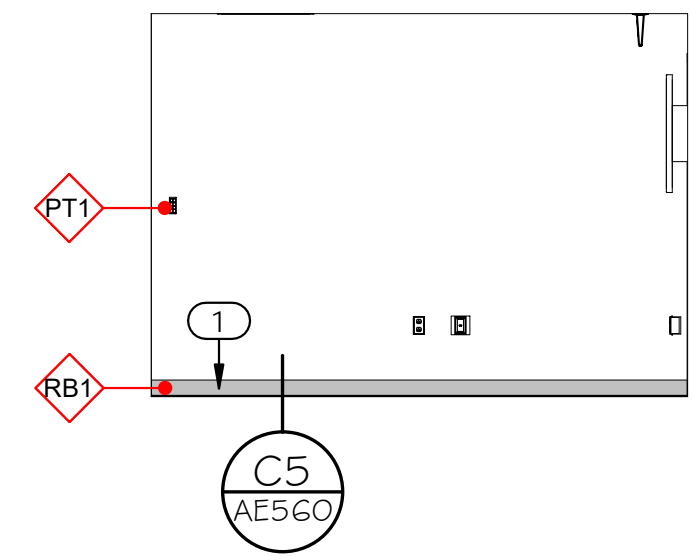
D1 LEVEL 10 - ENLARGED FLOOR PLAN - 1021, 1012, 1013
1/4" = 1'-0"



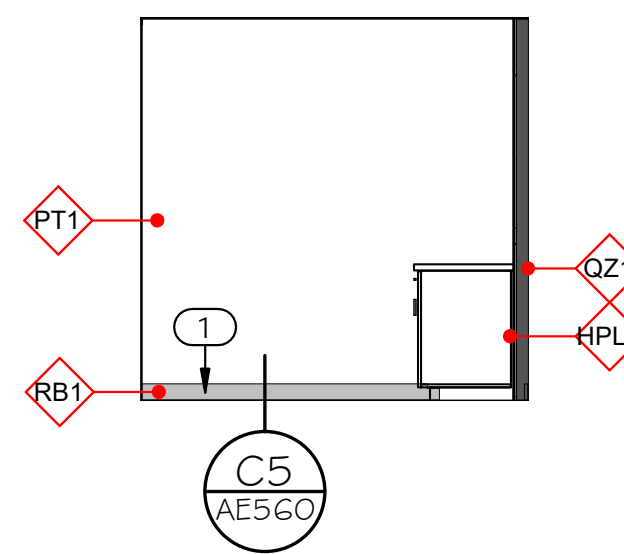
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1/4" = 1'-0"



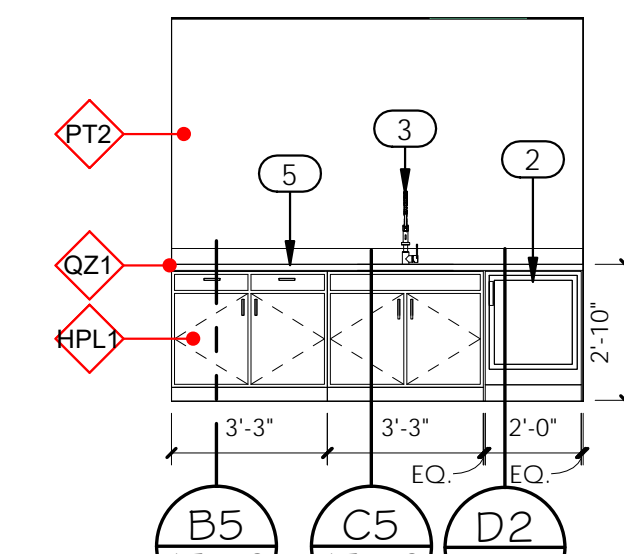
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1/4" = 1'-0"



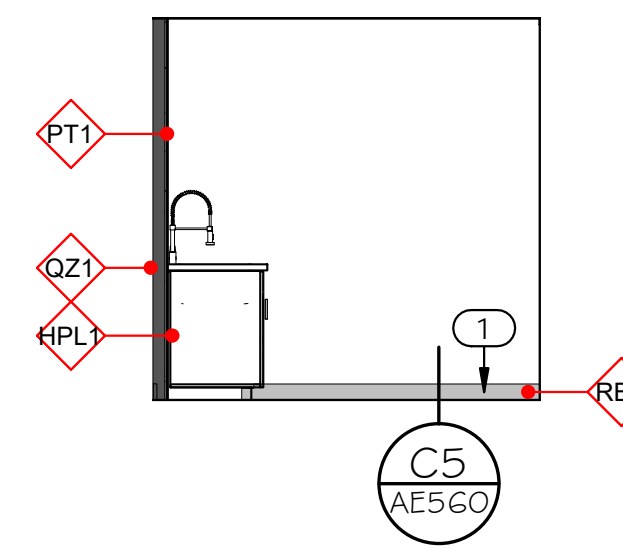
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1/4" = 1'-0"



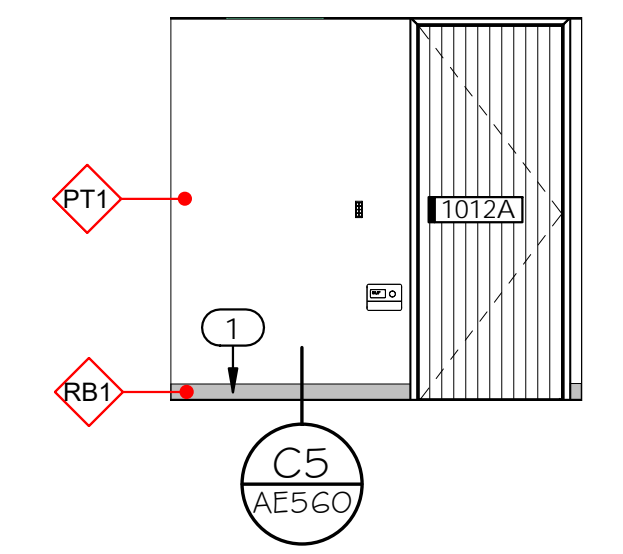
B1 LEVEL 10 - PRIVACY 1012 - NORTH
1/4" = 1'-0"



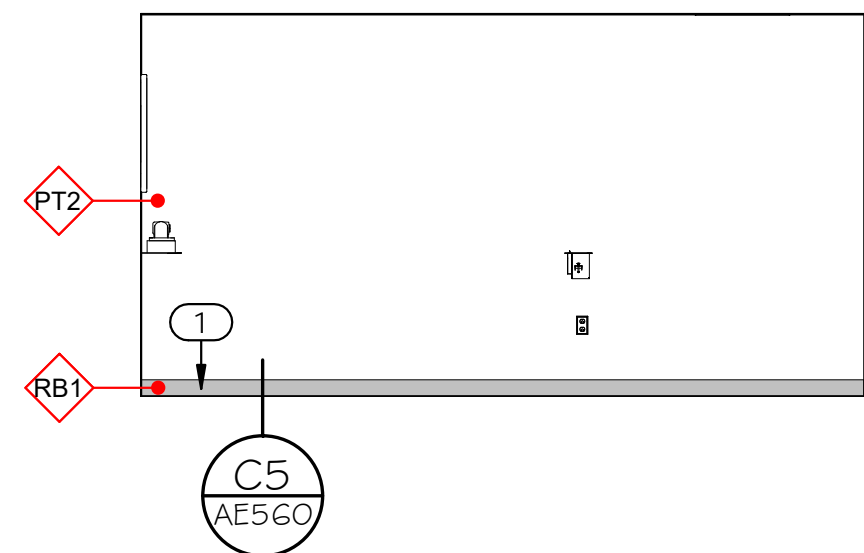
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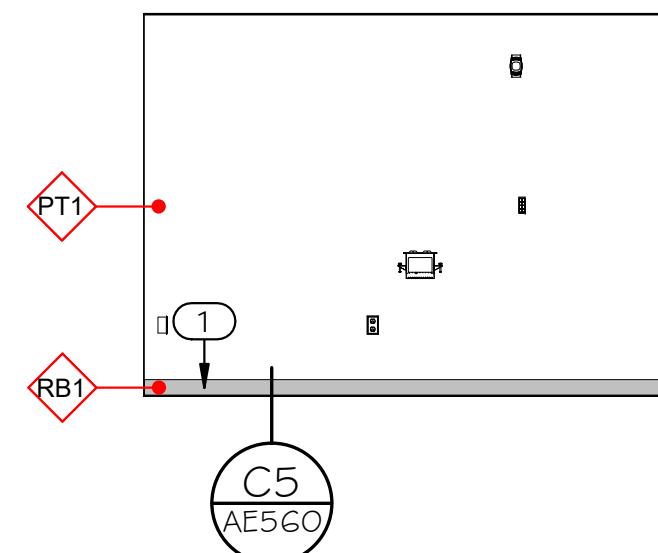
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1/4" = 1'-0"



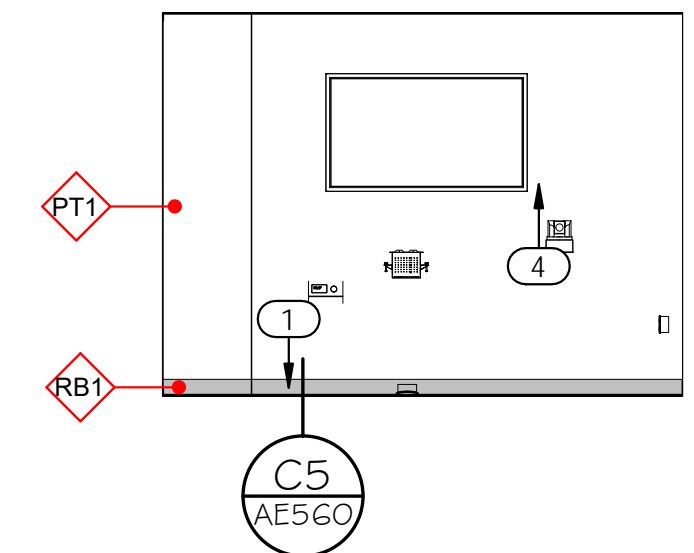
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1/4" = 1'-0"



A1 LEVEL 10 - OFFICE 1013 - NORTH
1/4" = 1'-0"



A2 LEVEL 10 - OFFICE 1013 - EAST
1/4" = 1'-0"



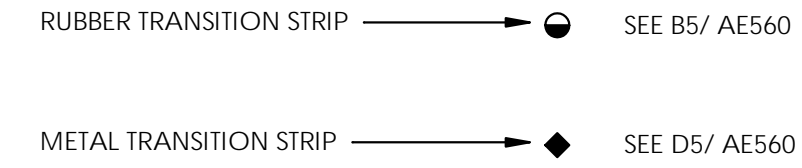
A5 LEVEL 10 - OFFICE 1013 - WEST
1/4" = 1'-0"

GENERAL NOTES:

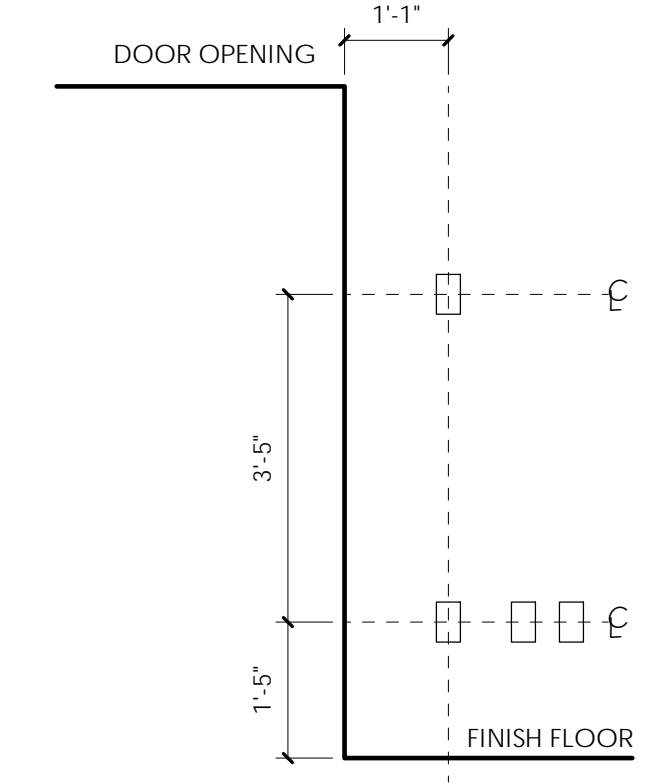
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703 east 1700 south
salt lake city, utah 84105
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 10 - ENLARGED
FLOOR PLANS +
INTERIOR ELEVATIONS**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

KEYED NOTES:

- RUBBER BASE, ADHESIVE APPLIED. SEE SPECIFICATIONS & FINISH LEGEND.
- UNDERCOUNTER REFRIGERATOR, PURCHASED BY OWNER, CONTRACTOR INSTALLED.
- SINK AND FAUCET, SEE PLUMBING DRAWINGS.
- WALL MOUNTED MONITOR, OWNER PROVIDED, CONTRACTOR INSTALLED. PROVIDE SOLID BLOCKING/BACKING IN WALLS FOR ANCHORING PER DETAIL A4/AE530. SEE ELECTRICAL.
- QUARTZ COUNTERTOP AND BACKSPLASH. SEE FINISH LEGEND.

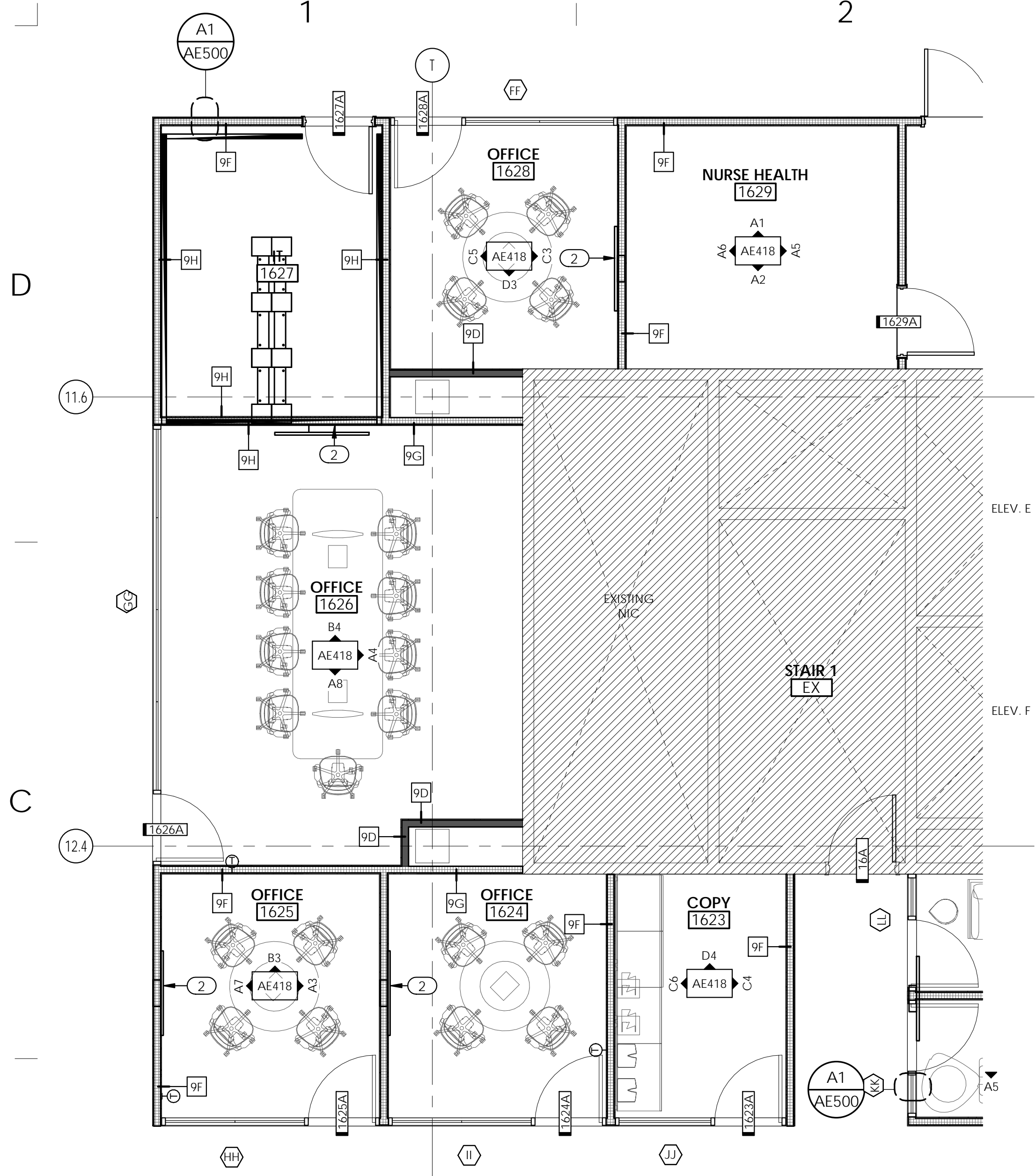
ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

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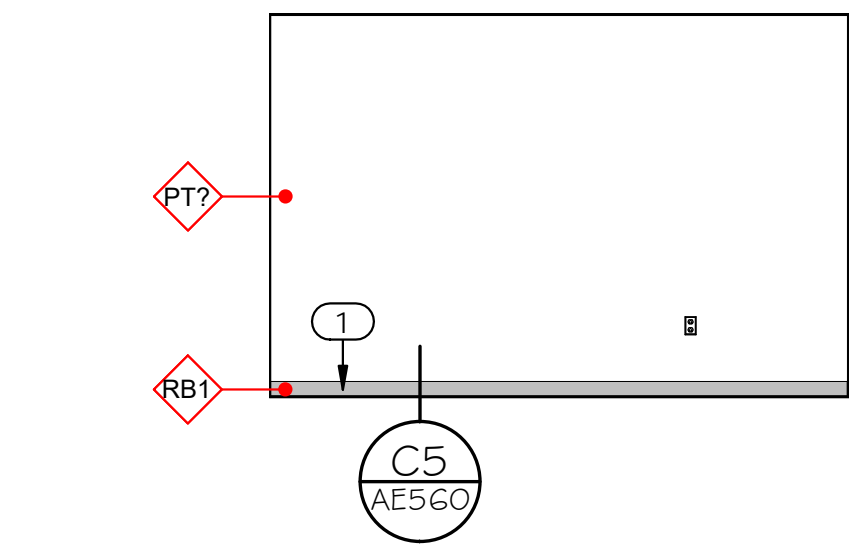
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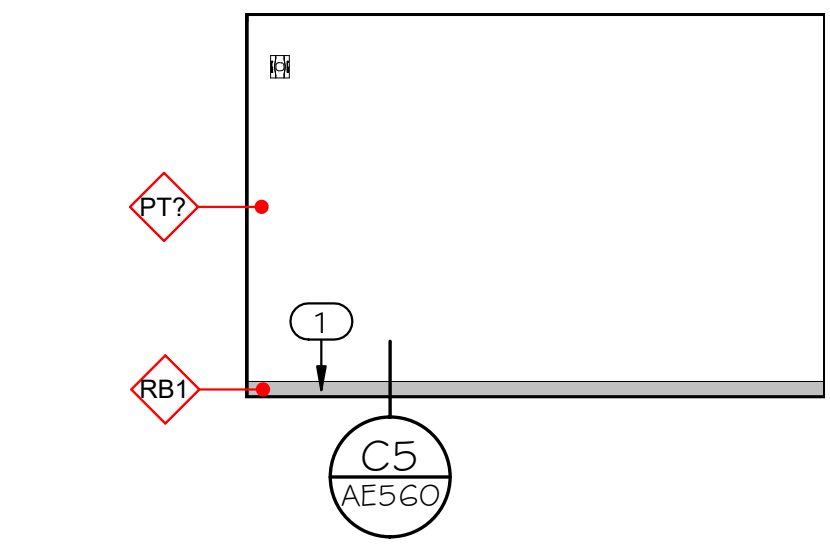
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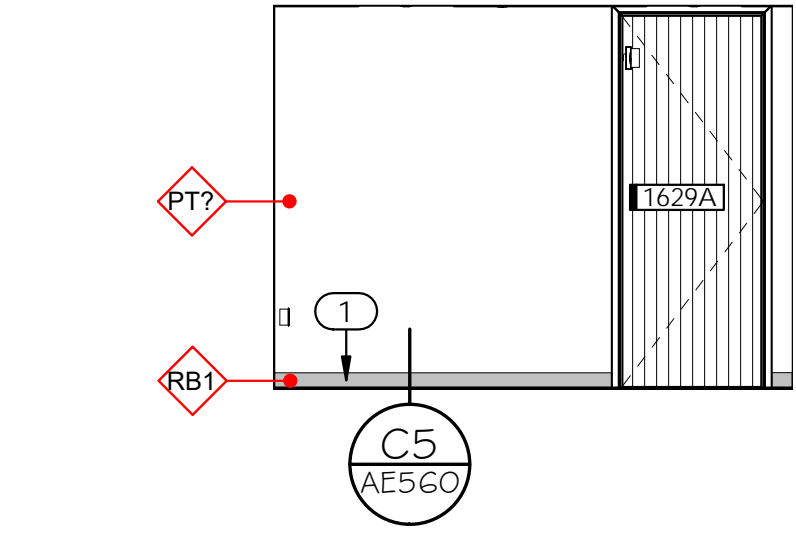
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1/4" = 1'-0"



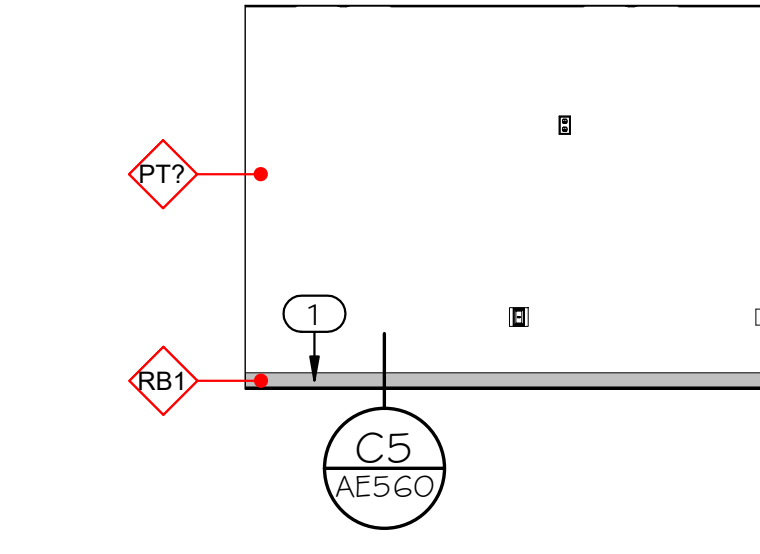
A1 LEVEL 16 - NURSE HEALTH 1629 - NORTH
1/4" = 1'-0"



A2 LEVEL 16 - NURST HEALTH 1629 - SOUTH
1/4" = 1'-0"

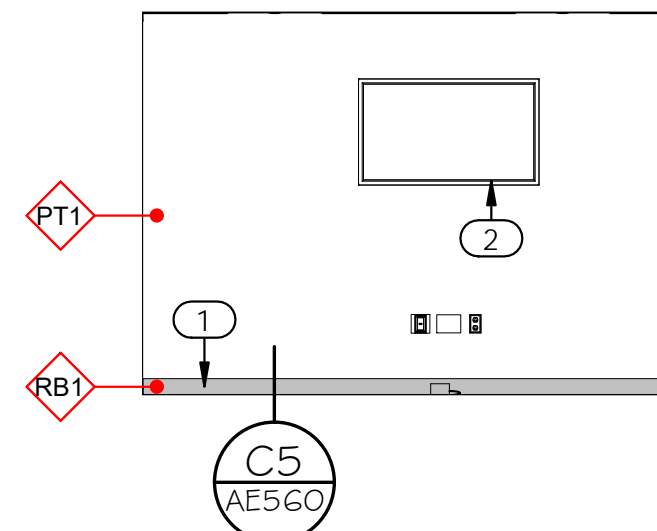


A5 LEVEL 16 - NURSE HEALTH 1629 - EAST
1/4" = 1'-0"

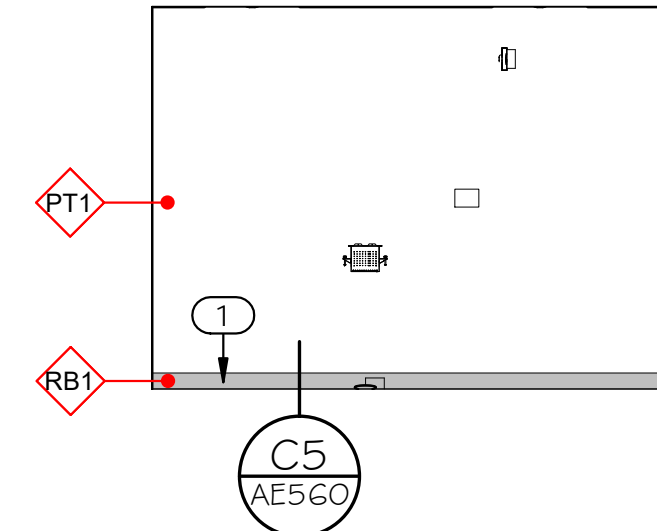


A6 LEVEL 16 - NURSE HEALTH 1629 - WEST
1/4" = 1'-0"

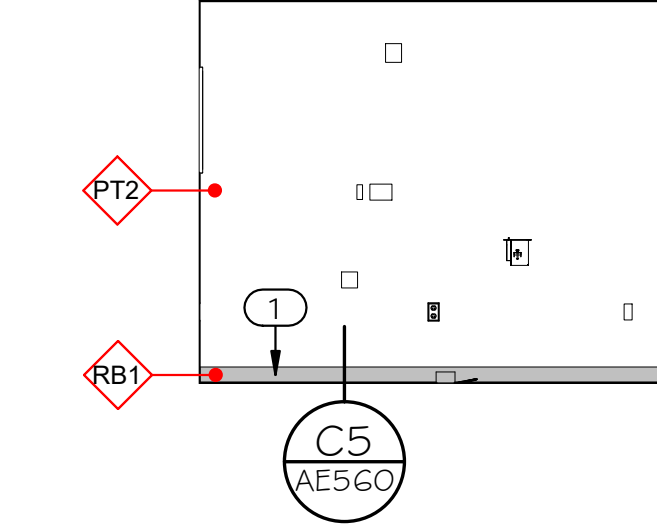
D3 LEVEL 16 - OFFICE 1628 - SOUTH
1/4" = 1'-0"



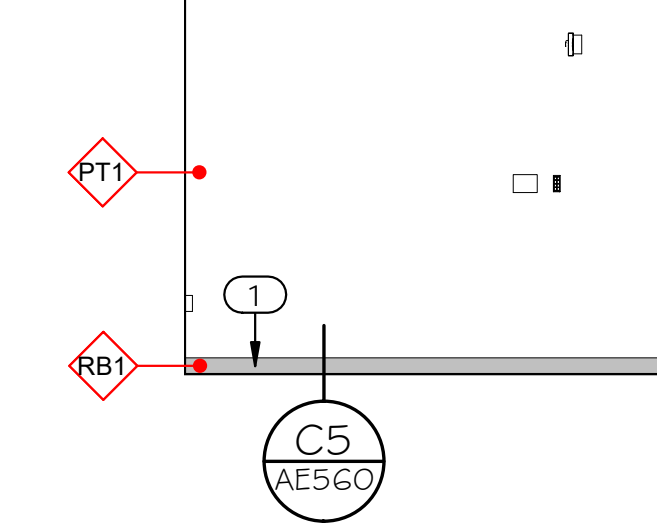
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1/4" = 1'-0"



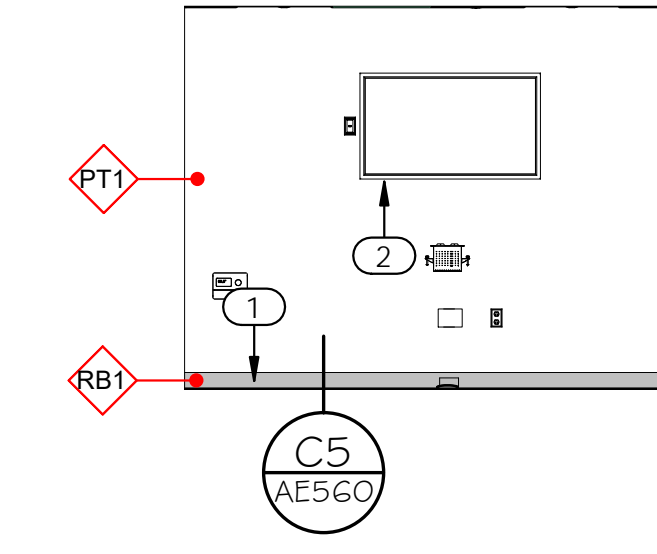
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1/4" = 1'-0"



B3 LEVEL 16 - MEETING 1625 - NORTH
1/4" = 1'-0"

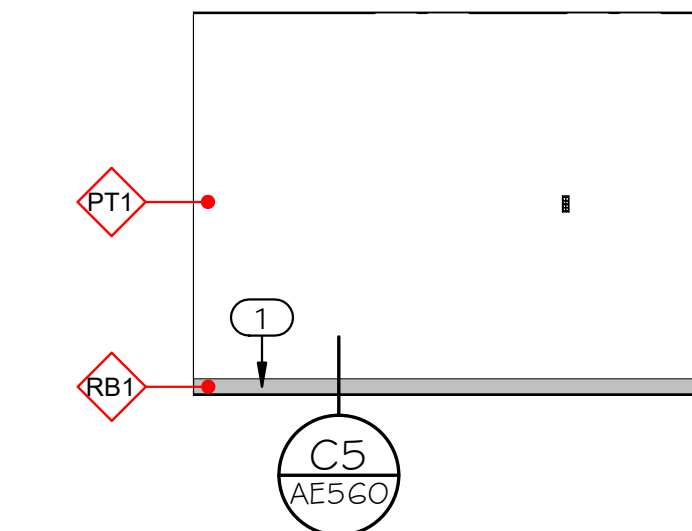


A3 LEVEL 16 - OFFICE 1625 - EAST
1/4" = 1'-0"

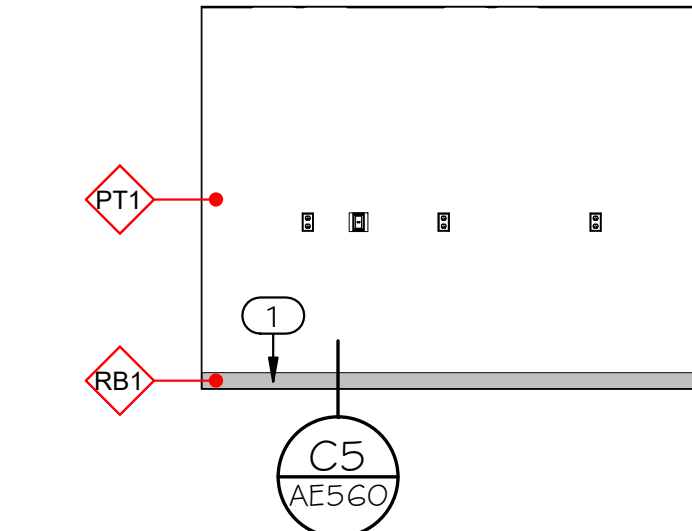


A7 LEVEL 16 - MEETING 1625 - WEST
1/4" = 1'-0"

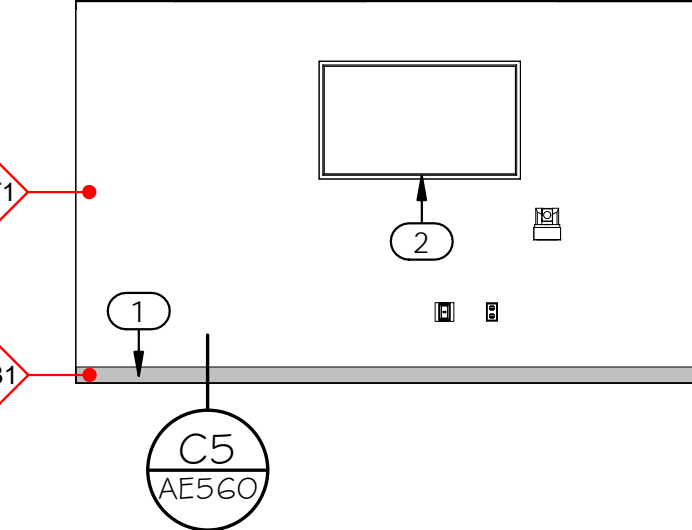
D4 LEVEL 16 - COPY/STORAGE 1623 - NORTH
1/4" = 1'-0"



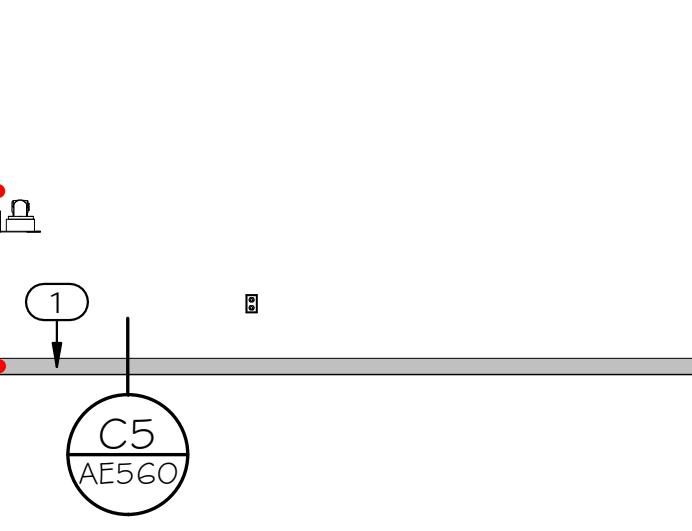
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1/4" = 1'-0"



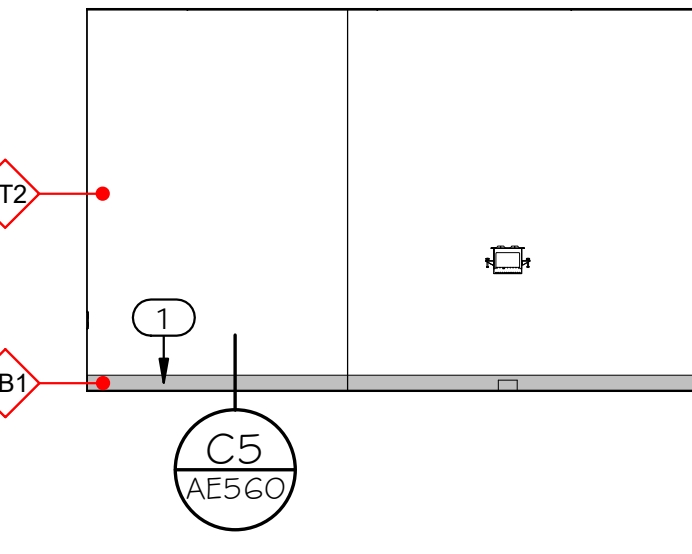
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1/4" = 1'-0"



B4 LEVEL 16 - MEETING 1626 - NORTH
1/4" = 1'-0"



A4 LEVEL 16 - MEETING 1626 - EAST
1/4" = 1'-0"



A8 LEVEL 16 - MEETING 1626 - SOUTH
1/4" = 1'-0"

GENERAL NOTES:

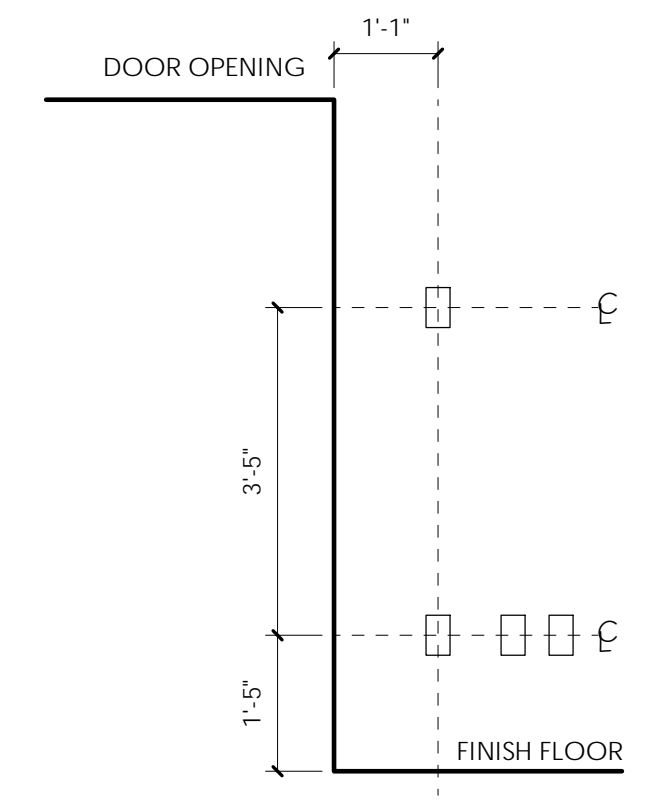
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- RUBBER TRANSITION STRIP → ● SEE B5/AE560
- METAL TRANSITION STRIP → ◆ SEE D5/AE560

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- COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
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- PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENCE IN THICKNESS.
- EXPOSED GYP. BD. CEILINGS SHALL BE PAINTED - REFER TO FINISH PLANS, REFLECTED CEILING PLANS, & FINISH SCHEDULE FOR PAINT COLOR.
- RATED WALL CONDITIONS SHALL REMAIN 5/8" TYPE-X GYP. BOARD. GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.
- PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.
- FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET AE620.
- FOR EQUIPMENT, ACCESSORIES, AND FIXTURES, SEE SCHEDULE ON SHEET AE620.
- COORDINATE ALL FIXTURES AND EQUIPMENT WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.
- ALL EXPOSED PIPES IN LAVATORIES SHOULD BE WRAPPED IN A PVC INSULATION.



NOTE: ALL OUTLETS, SWITCHES, STROBES, AND OTHER WALL-MOUNTED ELECTRICAL/FIRE PROTECTION DEVICES TO BE ALIGNED ON THE FACE OF THE WALL AND WITHIN CODE REQUIRED CLEARANCES OF DOORS/OPENINGS/EDGE OF WALL.

KEYED NOTES:

- 1 RUBBER BASE, ADHESIVE APPLIED. SEE SPECIFICATIONS & FINISH LEGEND.
- 2 WALL MOUNTED MONITOR, OWNER PROVIDED, CONTRACTOR INSTALLED. PROVIDE SOLID BLOCKING/BACKING IN WALLS FOR ANCHORING PER DETAIL A4/AE530. SEE ELECTRICAL.



703 east 1700 south lake city, utah 84105
www.ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

KEY BANK TOWER LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

LEVEL 16 - ENLARGED FLOOR PLANS + INTERIOR ELEVATIONS

REVISIONS

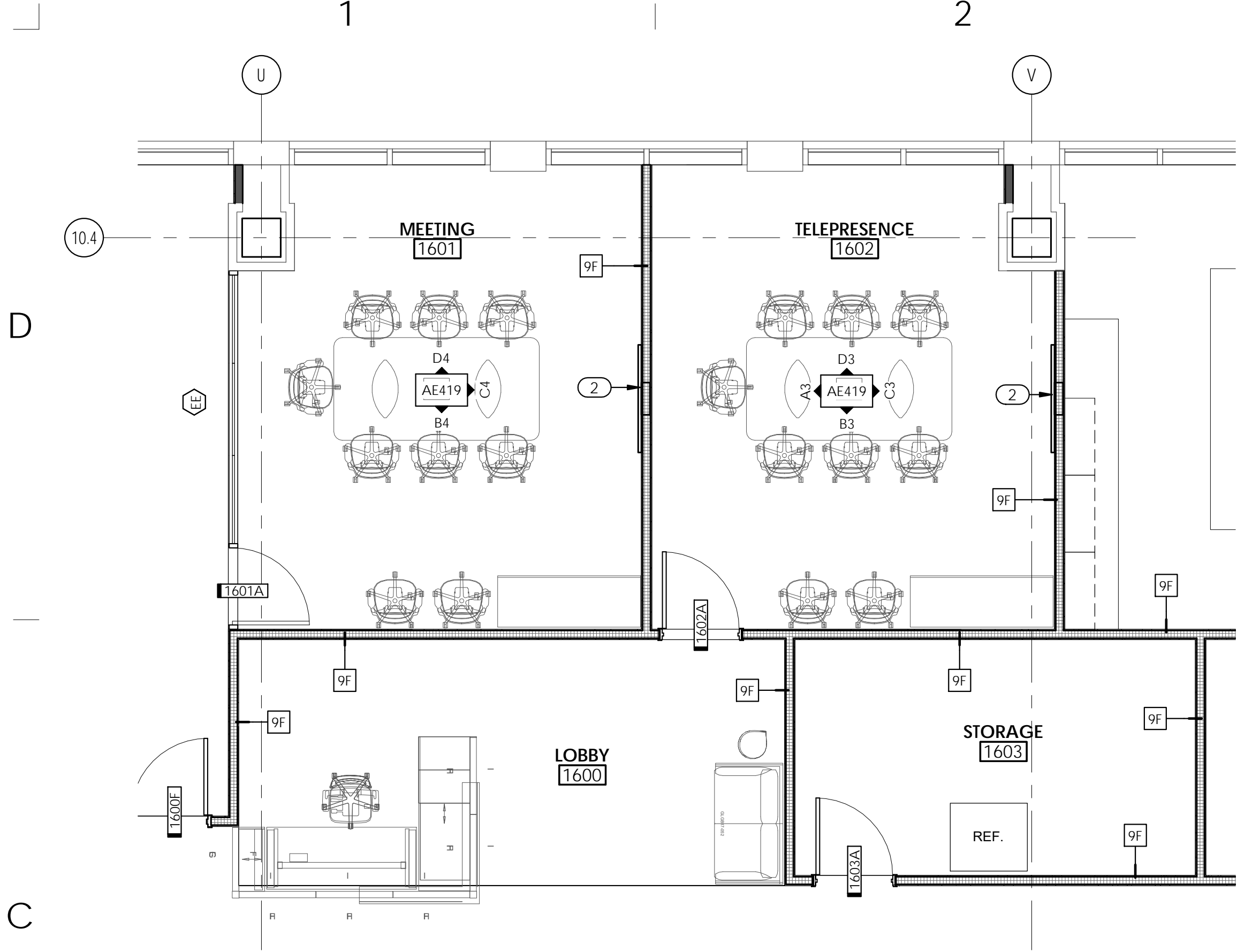
MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: Author
CHECKED BY: Checker
PROJECT#: 1904

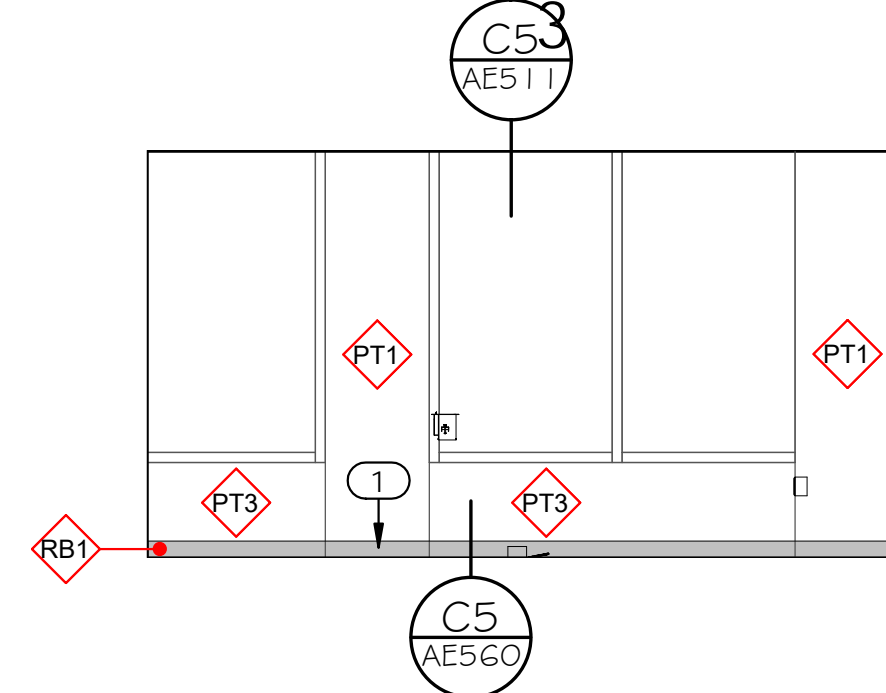
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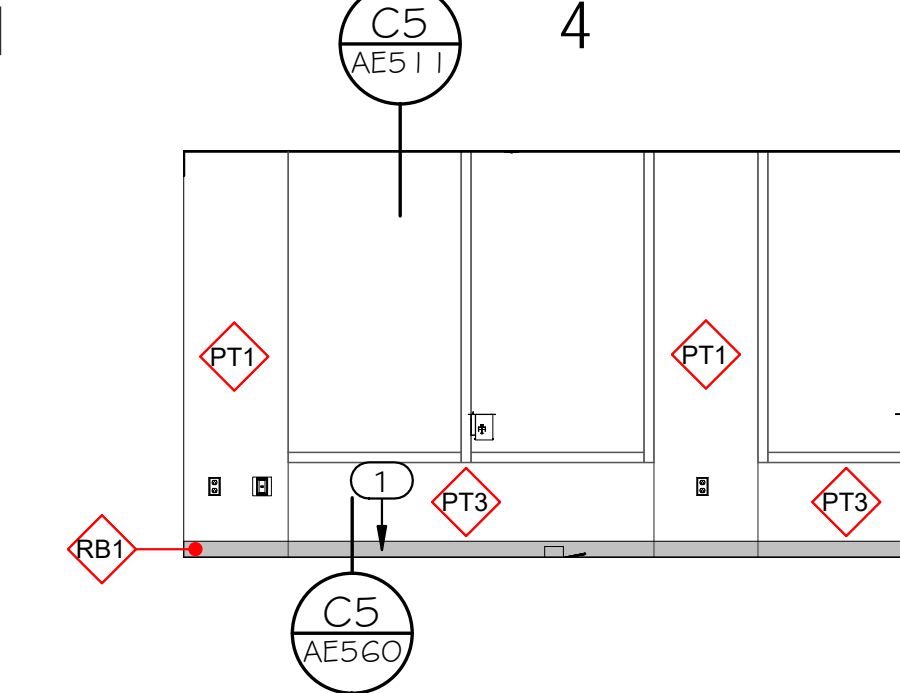
6/5/2019 5:52:34 PM \\ajccorpvs04c1\users\black\Documents\1904 01 JHC KBT - Level 10 and 16 v19_black.rvt
 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND WERE CREATED, DEVELOPED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DECIDED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE KBT BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS P.C. IS A CRIMINAL OFFENSE UNDER U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET VIOLATION UNDER 18 U.S.C. SEC. 1832.



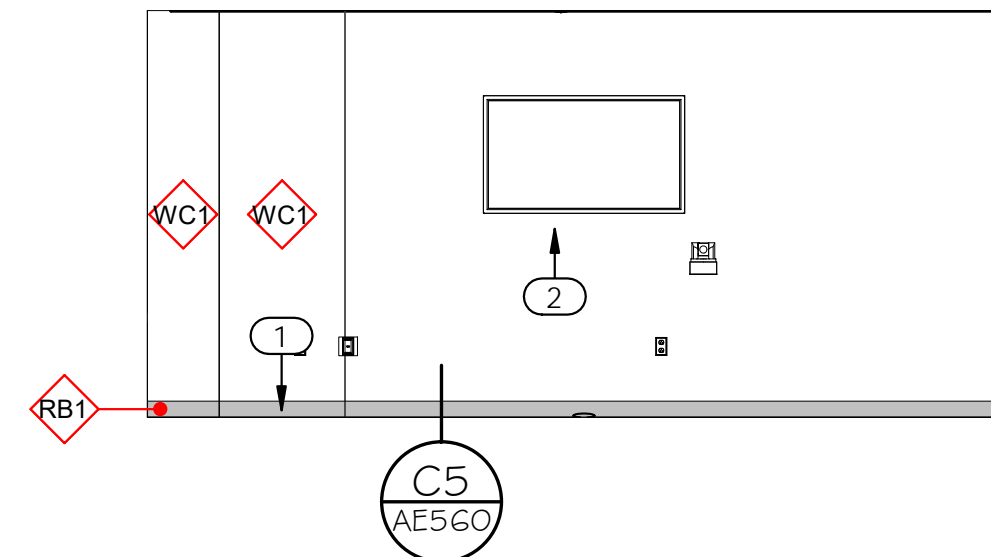
D1 LEVEL 16 - ENLARGED FLOOR PLAN - 1601, 1602, 1603
1/4" = 1'-0"



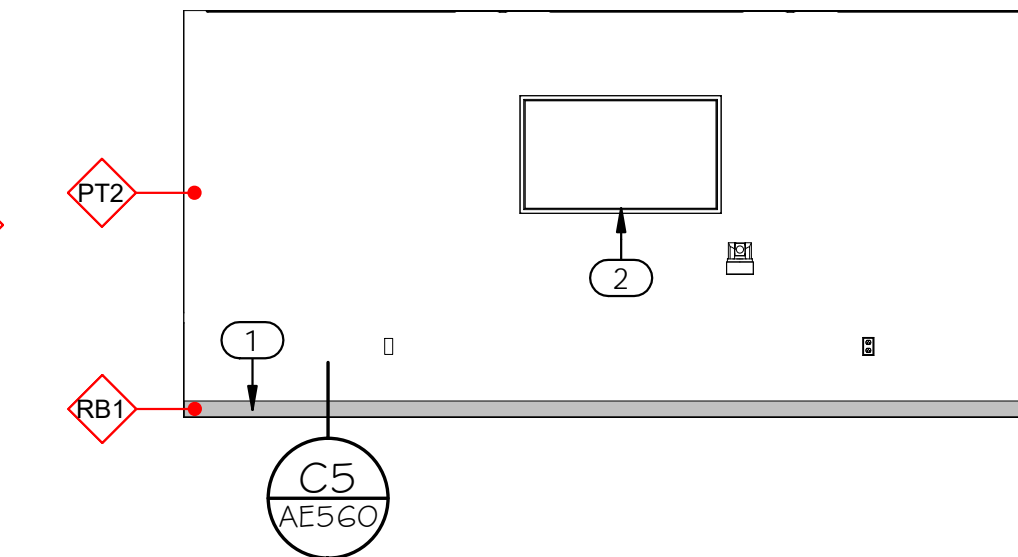
D3 LEVEL 16 - TELEPRESENCE 1602 - NORTH
1/4" = 1'-0"



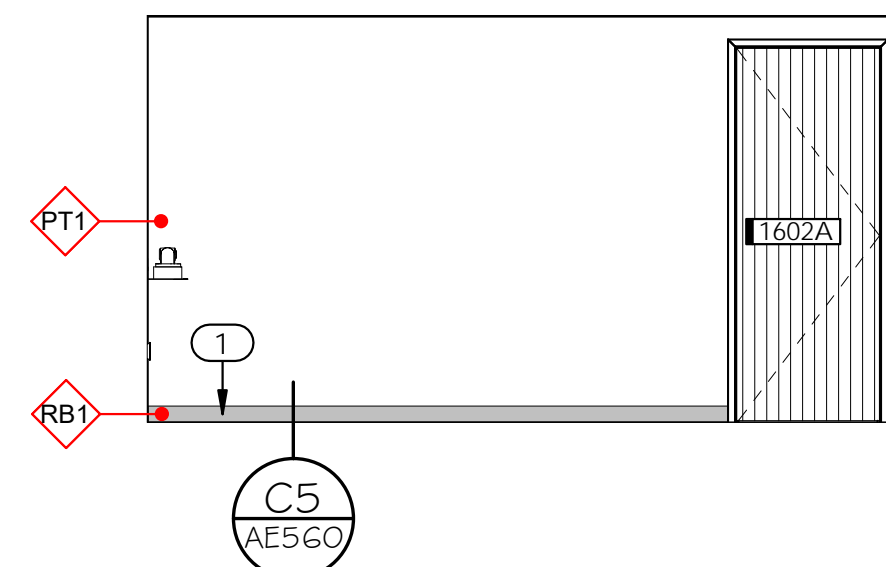
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1/4" = 1'-0"



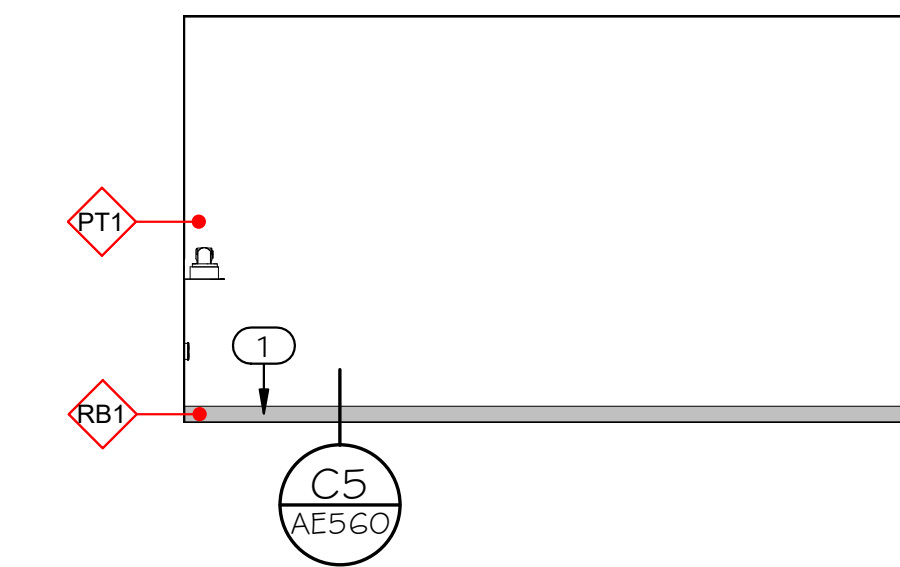
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1/4" = 1'-0"



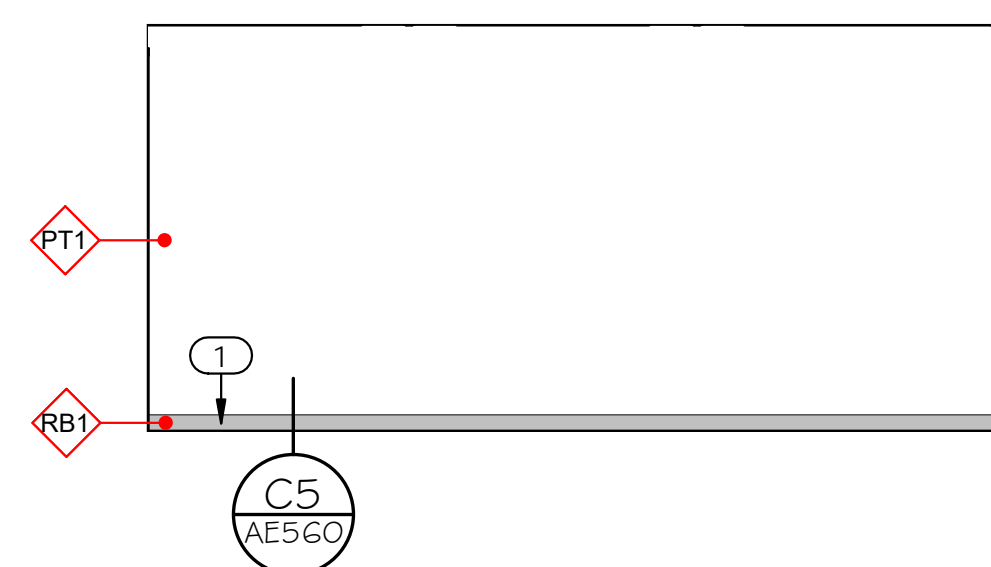
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1/4" = 1'-0"



B3 LEVEL 16 - TELEPRESENCE 1602 - SOUTH
1/4" = 1'-0"



B4 LEVEL 16 - CONFERENCE 1601 - SOUTH
1/4" = 1'-0"



A3 LEVEL 16 - TELEPRESENCE 1602 - WEST
1/4" = 1'-0"

GENERAL NOTES:

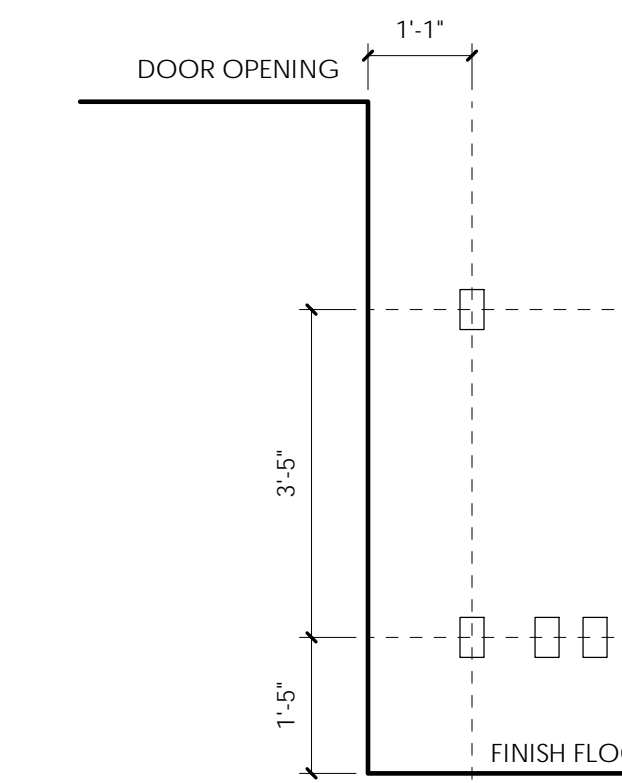
- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- DO NOT SCALE DRAWINGS.
- CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.
- BLOCKING & BACKING PER DETAILS B2/AE530 SHOULD BE INCLUDED BEHIND ALL WALL MOUNTED MONITORS, MARKER BOARDS, AND RESTROOM ACCESSORIES.

GENERAL FINISH NOTES:

FLOOR THRESHOLD TAGS: THESE SYMBOLS INDICATE THE TYPE OF THRESHOLD THAT SHALL BE INSTALLED BETWEEN CHANGES IN FLOOR MATERIAL. CONTRACTOR SHALL BE RESPONSIBLE FOR BUILDING THESE PER DETAILS IN THE INTERIOR FINISH DETAILS. ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O.

- RUBBER TRANSITION STRIP → ● SEE B5/ AE560
- METAL TRANSITION STRIP → ◆ SEE D5/ AE560

- FOR ALL WALL TILE GREATER THAN 12" IN LENGTH IN ANY DIRECTION, TILE SHALL BE INSTALLED RUNNING BOND WITH OFFSET NO GREATER THAN 1/3 THE LENGTH OF THE TILE.
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- ALL TILE GROUT JOINTS TO BE NO LARGER THAN 1/8", U.N.O.
- FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
- COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
- SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.
- PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENCES IN THICKNESS.
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NOTE: ALL OUTLETS, SWITCHES, STROBES, AND OTHER WALL-MOUNTED ELECTRICAL/FIRE PROTECTION DEVICES TO BE ALIGNED ON THE FACE OF THE WALL AND WITHIN CODE REQUIRED CLEARANCES OF DOORS/OPENINGS/EDGE OF WALL

KEYED NOTES:

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- 2 WALL MOUNTED MONITOR, OWNER PROVIDED, CONTRACTOR INSTALLED. PROVIDE SOLID BLOCKING/BACKING IN WALLS FOR ANCHORING PER DETAIL A4/AE530. SEE ELECTRICAL.



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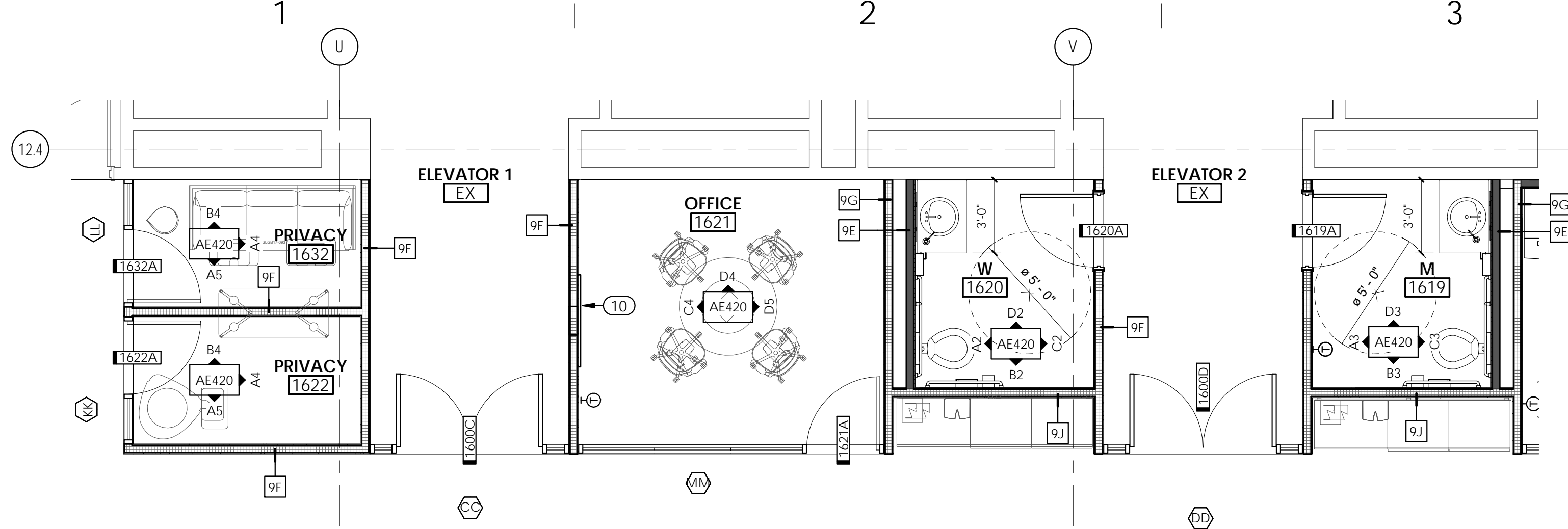
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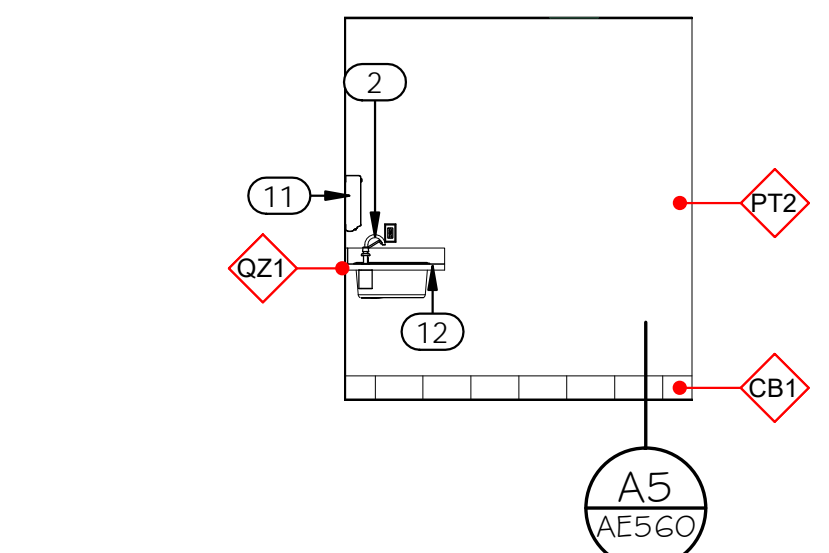
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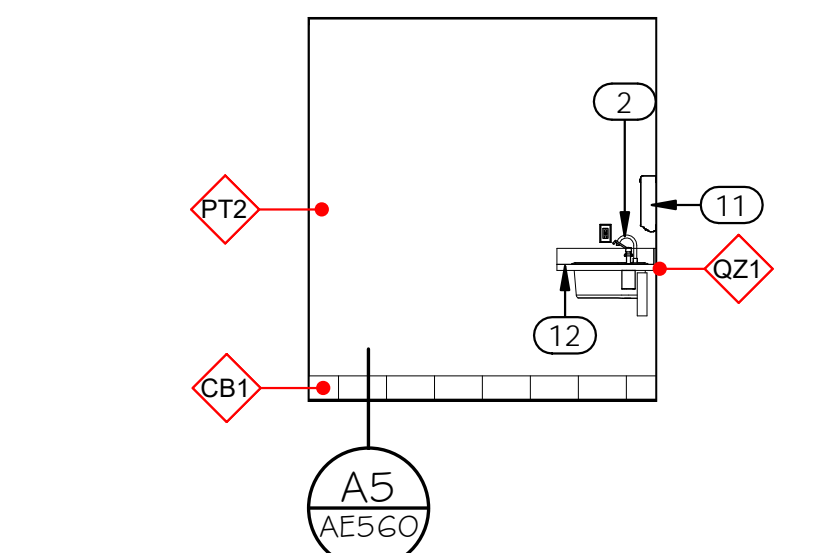
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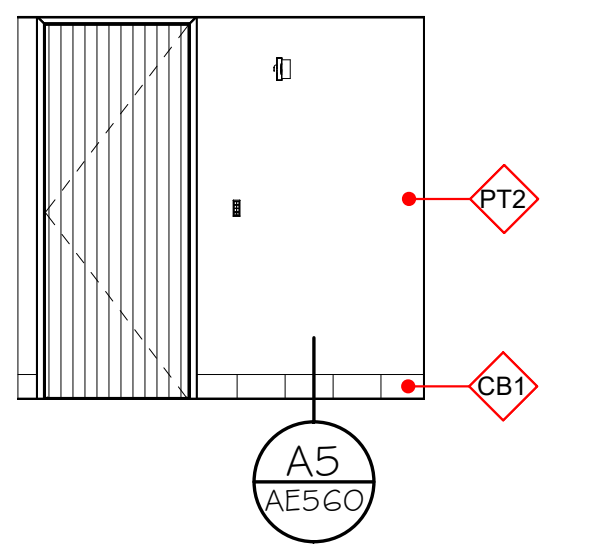
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1/4" = 1'-0"



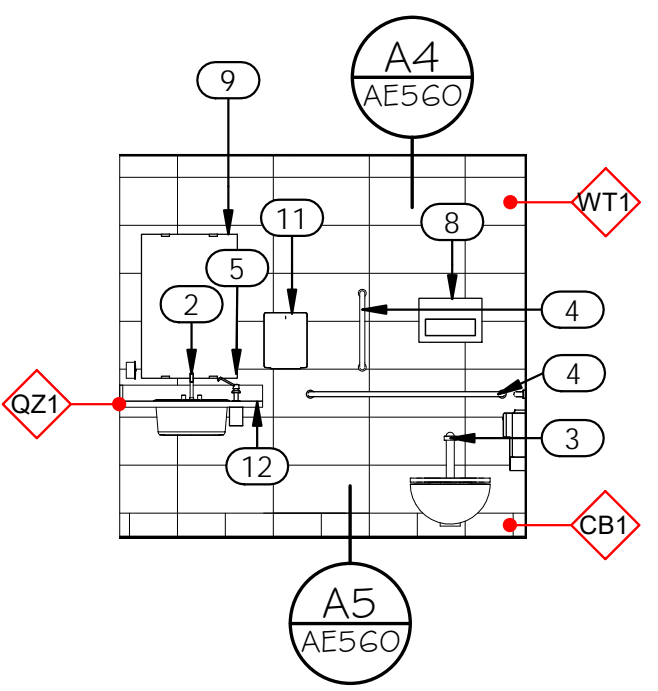
D2 LEVEL 16 - RESTROOM 1620 - NORTH
1/4" = 1'-0"



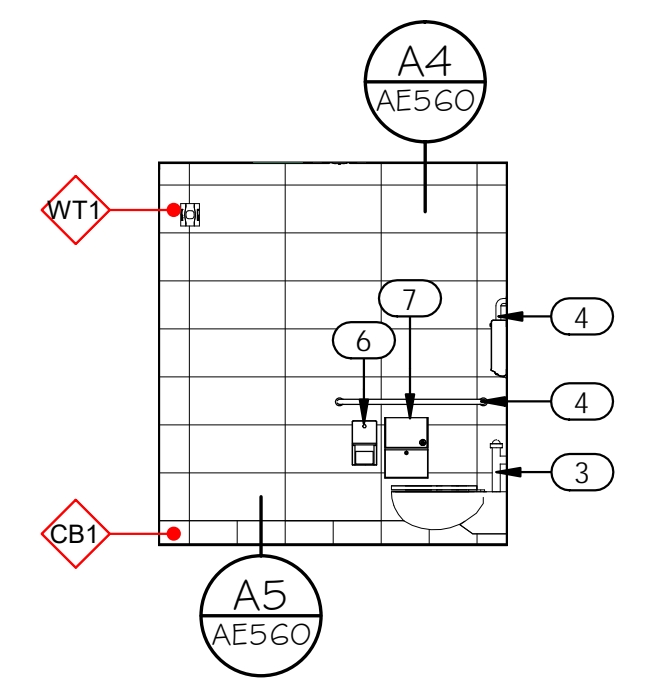
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1/4" = 1'-0"



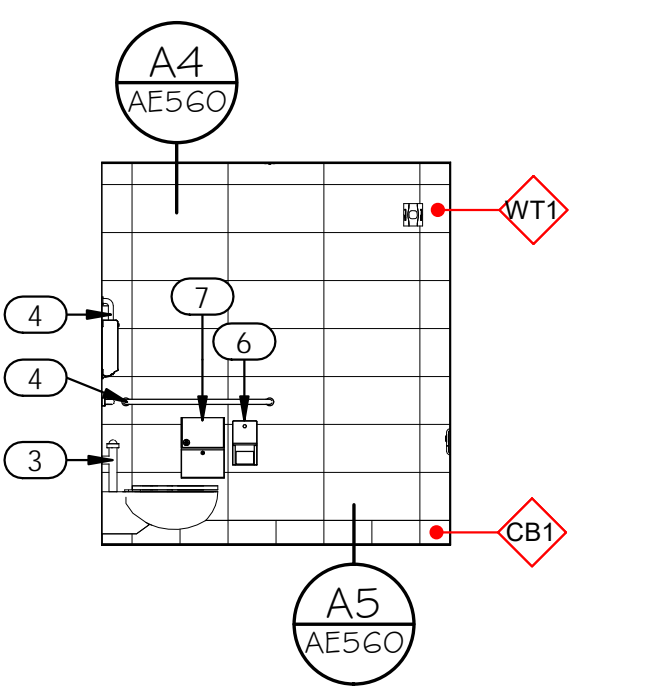
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1/4" = 1'-0"



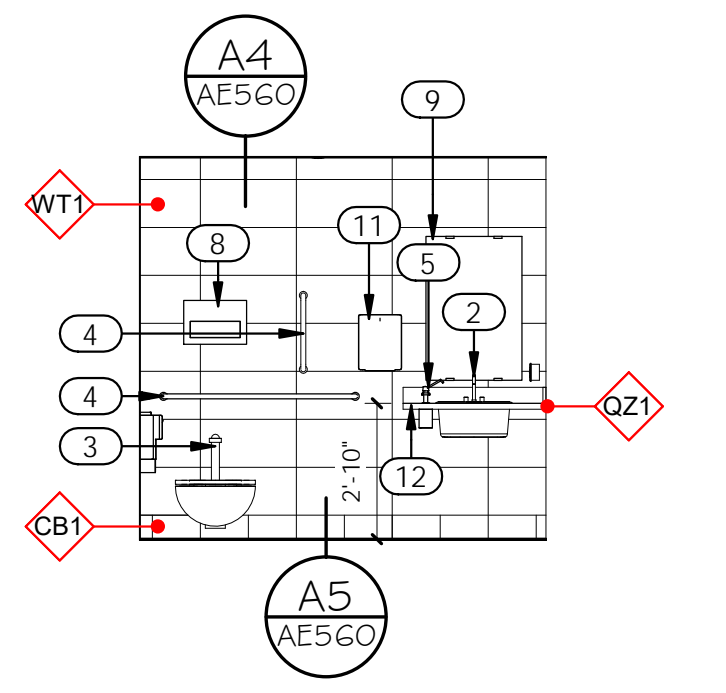
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1/4" = 1'-0"



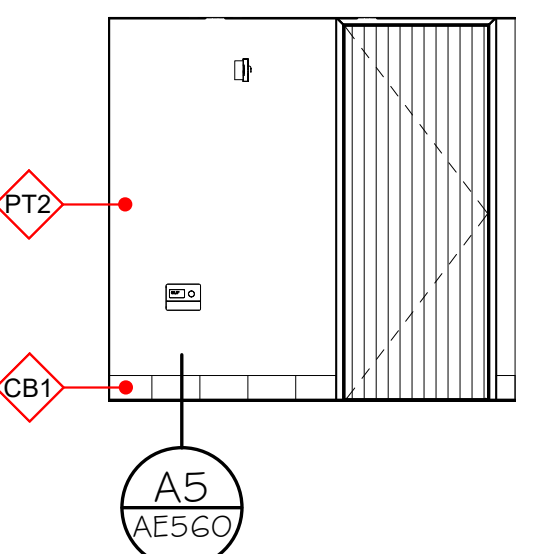
B2 LEVEL 16 - RESTROOM 1620 - SOUTH
1/4" = 1'-0"



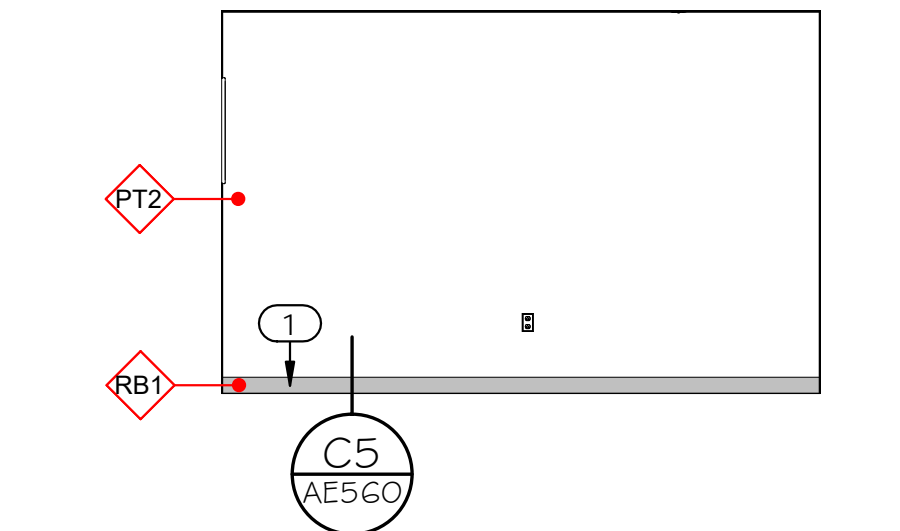
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1/4" = 1'-0"



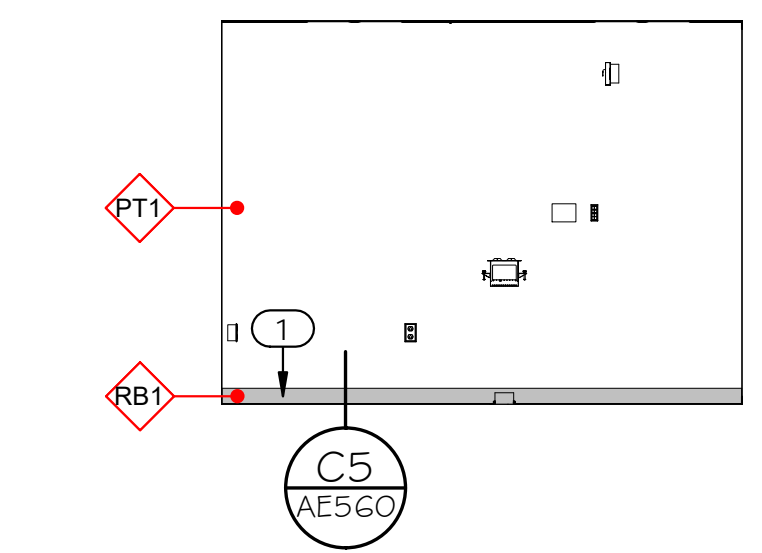
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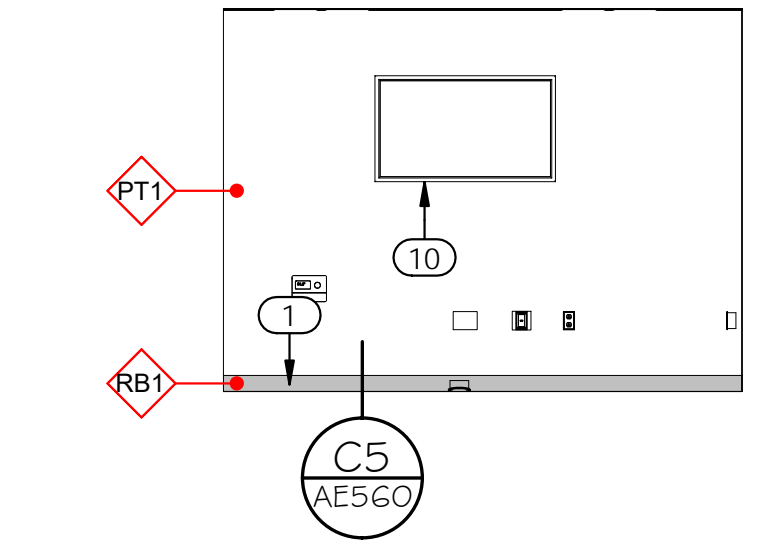
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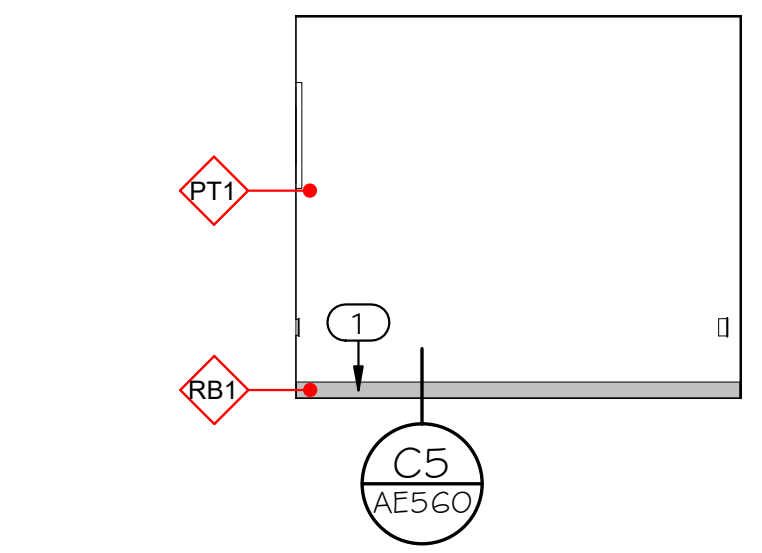
D4 LEVEL 16 - OFFICE 1621 - NORTH
1/4" = 1'-0"



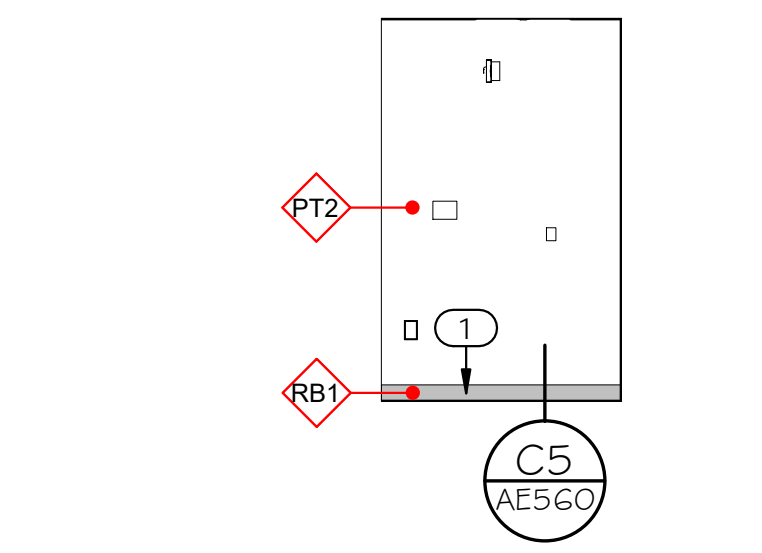
D5 LEVEL 16 - OFFICE 1621 - EAST
1/4" = 1'-0"



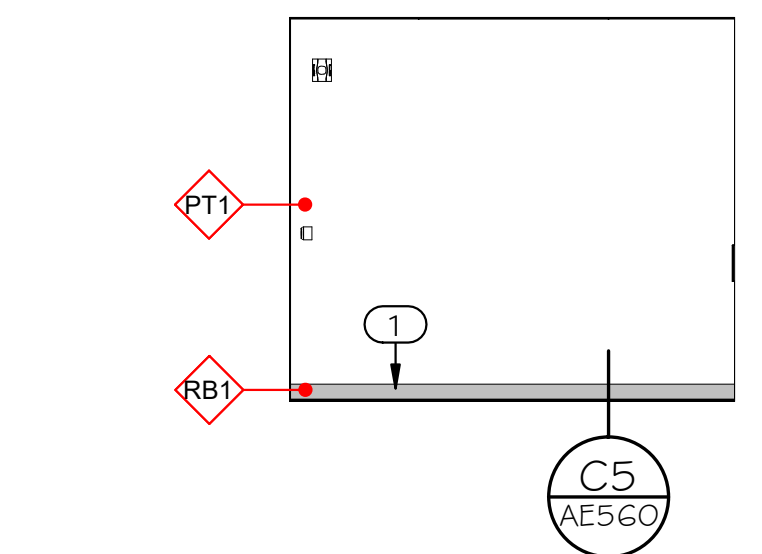
C4 LEVEL 16 - OFFICE 1621 - WEST
1/4" = 1'-0"



B4 LEVEL 16 - PRIVACY 1622 - NORTH
1/4" = 1'-0"



A4 LEVEL 16 - PRIVACY 1622 - EAST
1/4" = 1'-0"



A5 LEVEL 16 - PRIVACY 1622 - SOUTH
1/4" = 1'-0"

GENERAL NOTES:

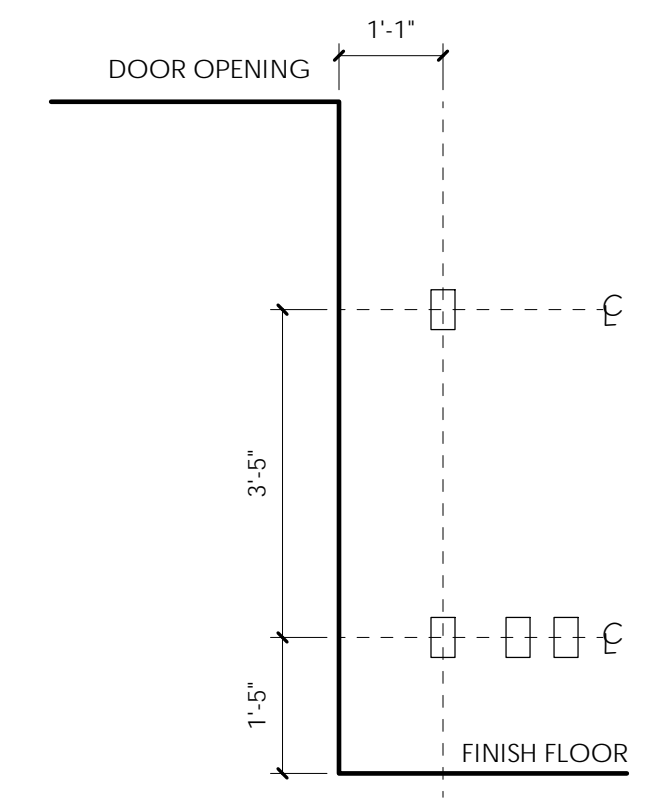
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- METAL TRANSITION STRIP → ◆ SEE D5/ AE560

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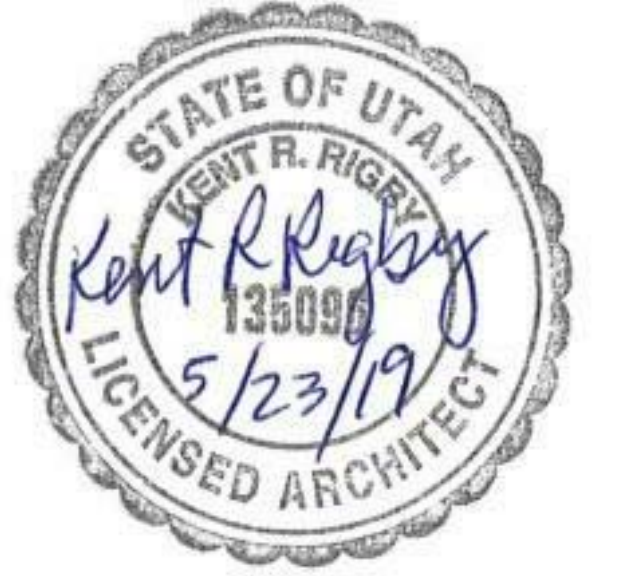
KEYED NOTES:

- RUBBER BASE, ADHESIVE APPLIED. SEE SPECIFICATIONS & FINISH LEGEND.
- SINK AND FAUCET, SEE PLUMBING DRAWINGS.
- ADA TOILET, SEE PLUMBING DRAWINGS.
- GRAB BAR, SEE ACCESSORY SCHEDULE.
- RECESSED SOAP DISPENSERS, TYPICAL ALL SINKS. MODEL NUMBER PROVIDED BY OWNER.
- BOBRICK STAINLESS TOILET PAPER DISPENSER, TYPICAL ALL STALLS. MODEL NUMBER PROVIDED BY OWNER.
- BOBRICK STAINLESS SANITARY DISPOSAL, TYPICAL ALL WOMEN'S STALLS. MODEL NUMBER PROVIDED BY OWNER.
- BOBRICK STAINLESS TOILET SEAT COVER DISPENSER, TYPICAL ALL STALLS. MODEL NUMBER PROVIDED BY OWNER.
- 24" X 36" MIRROR, BOTTOM OF REFLECTIVE SURFACE @ 40" A.F.F. MAX.
- WALL MOUNTED MONITOR, OWNER PROVIDED, CONTRACTOR INSTALLED. PROVIDE SOLID BLOCKING/BACKING IN WALLS FOR ANCHORING PER DETAIL A4/AE530. SEE ELECTRICAL.
- BOBRICK STAINLESS PAPER TOWEL DISPENSER, MODEL NUMBER PROVIDED BY OWNER.
- QUARTZ COUNTERTOP AND BACKSPLASH. SEE FINISH LEGEND.



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ARCHITECT / CONSULTANT



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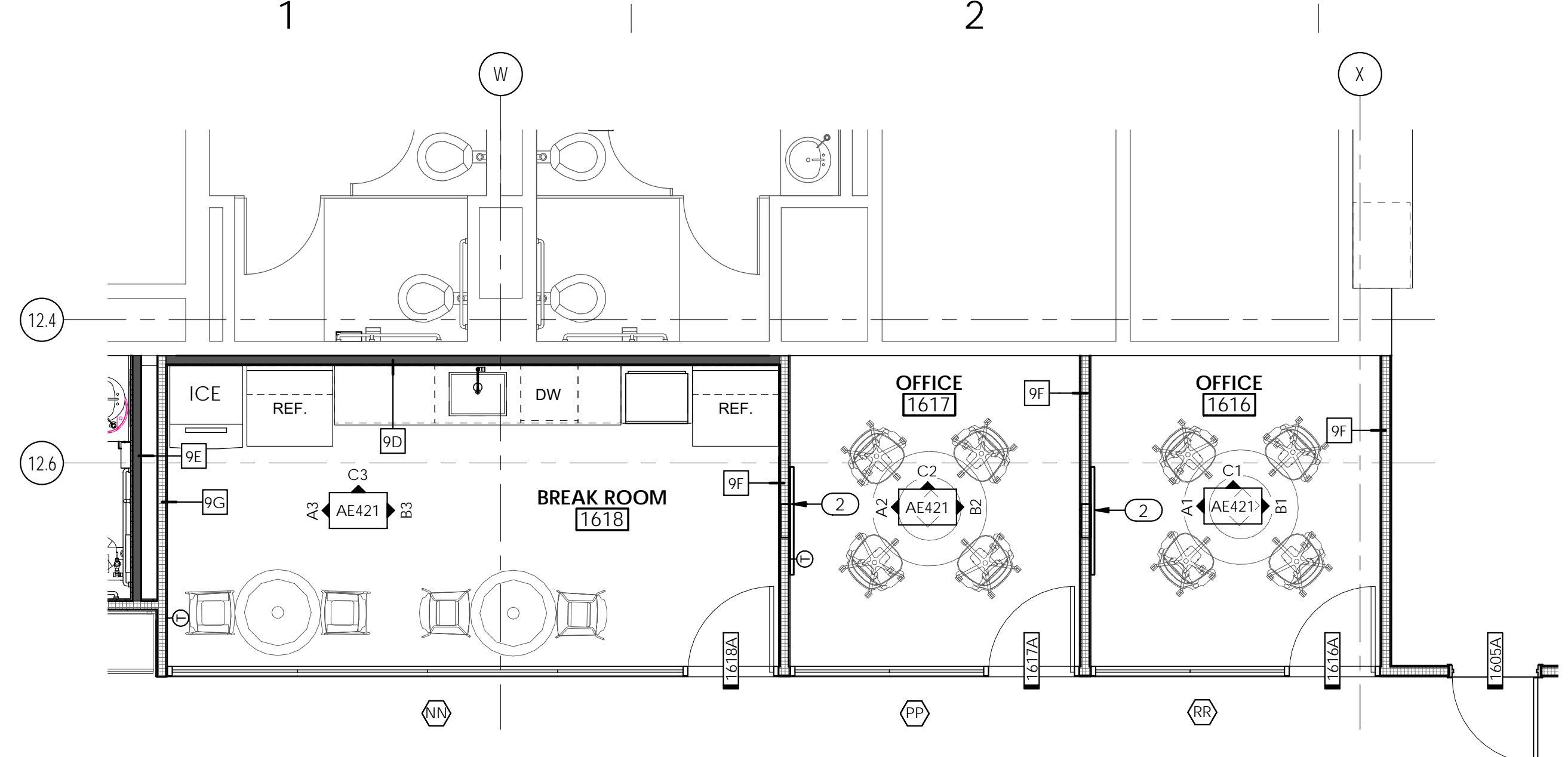
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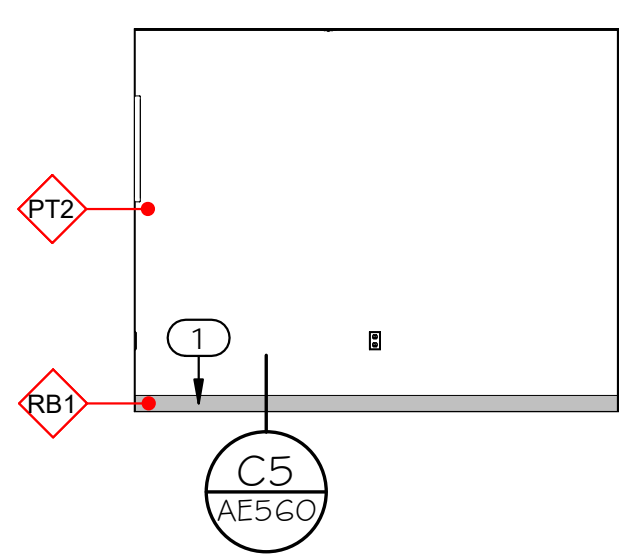
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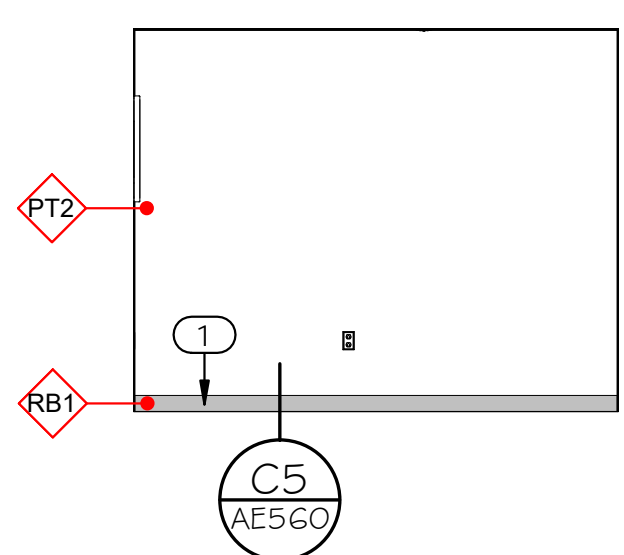
6/5/2019 5:53:05 PM \\ajccorpvs04c1\users\black\Documents\1904 01 JHC KBI_Level 10 and 16 v19_eblack.rvt
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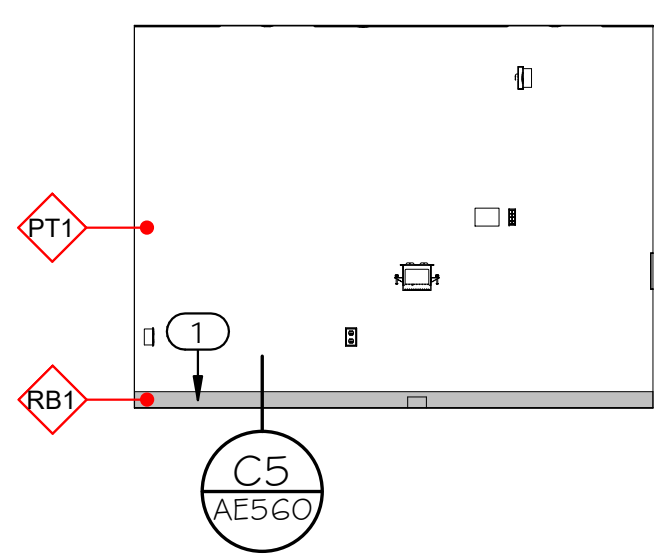
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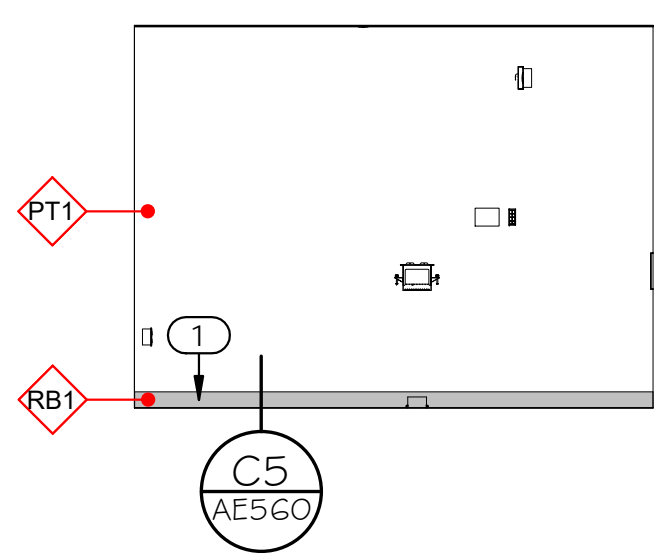
C1 LEVEL 16 - OFFICE 1616 - NORTH
1/4" = 1'-0"



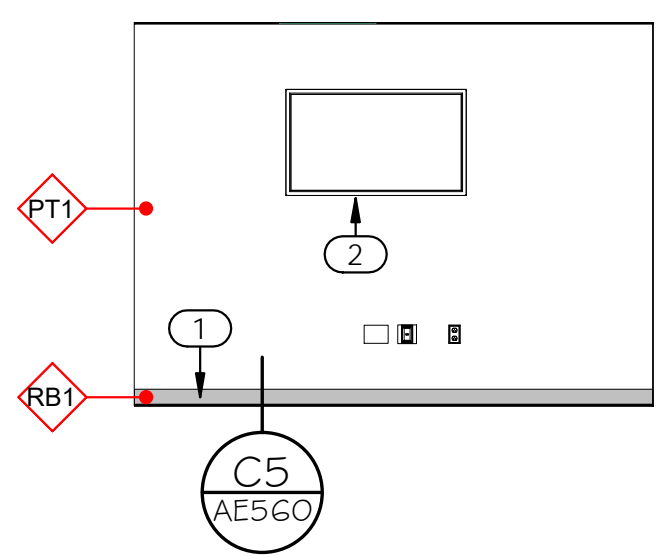
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1/4" = 1'-0"



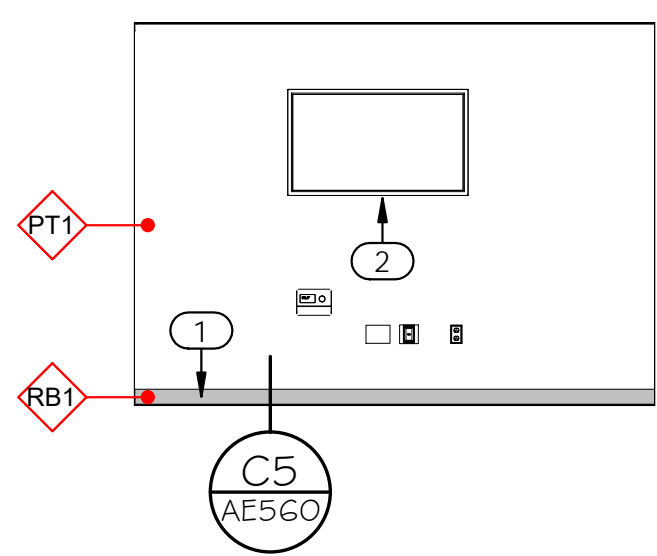
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1/4" = 1'-0"



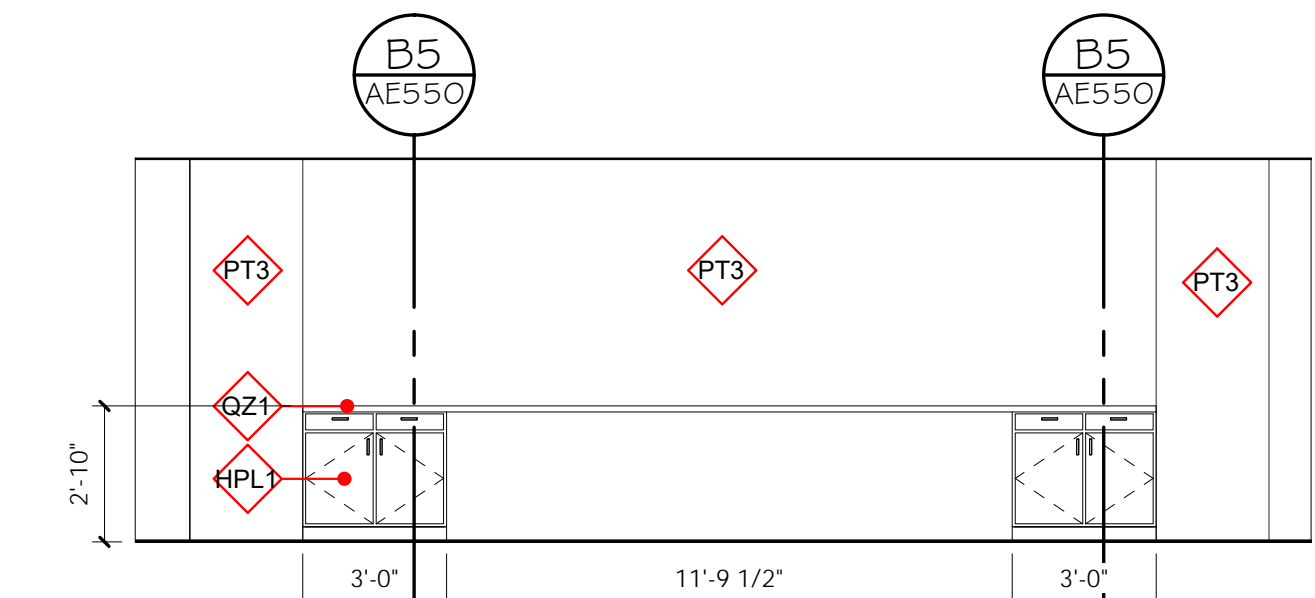
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1/4" = 1'-0"



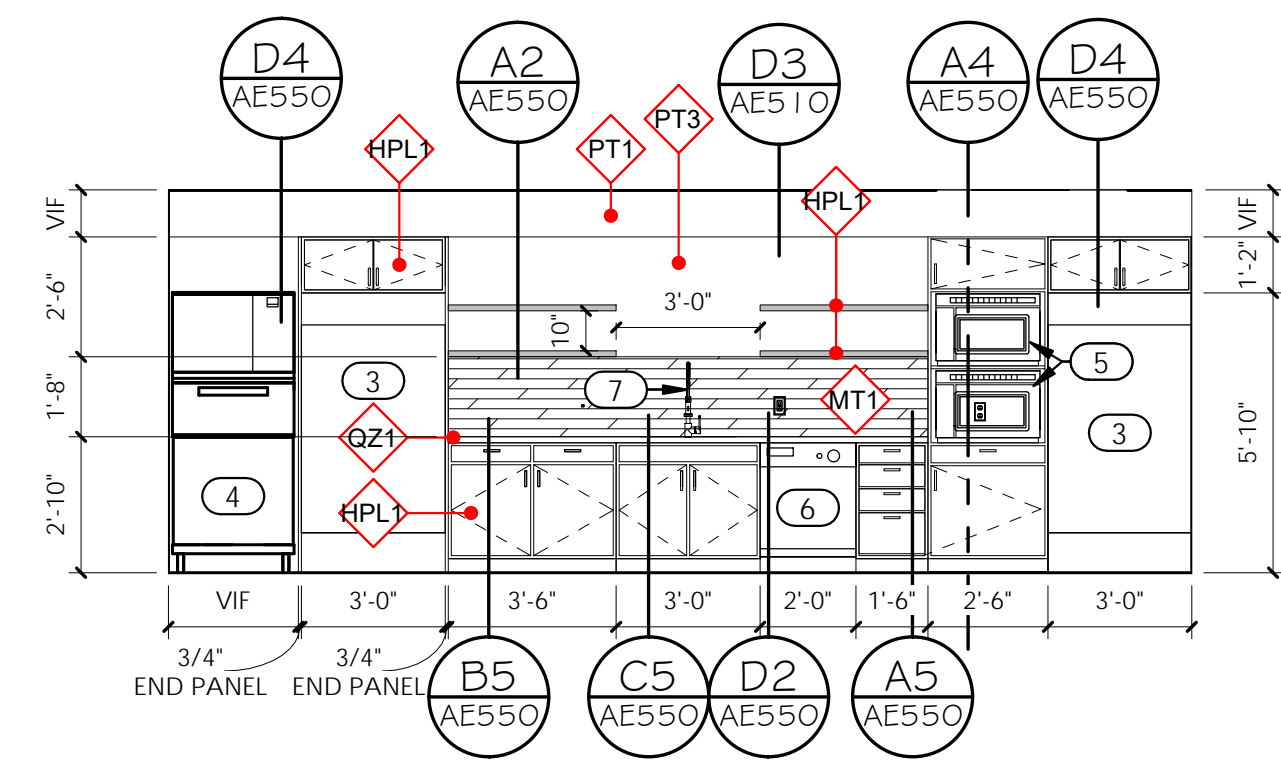
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1/4" = 1'-0"



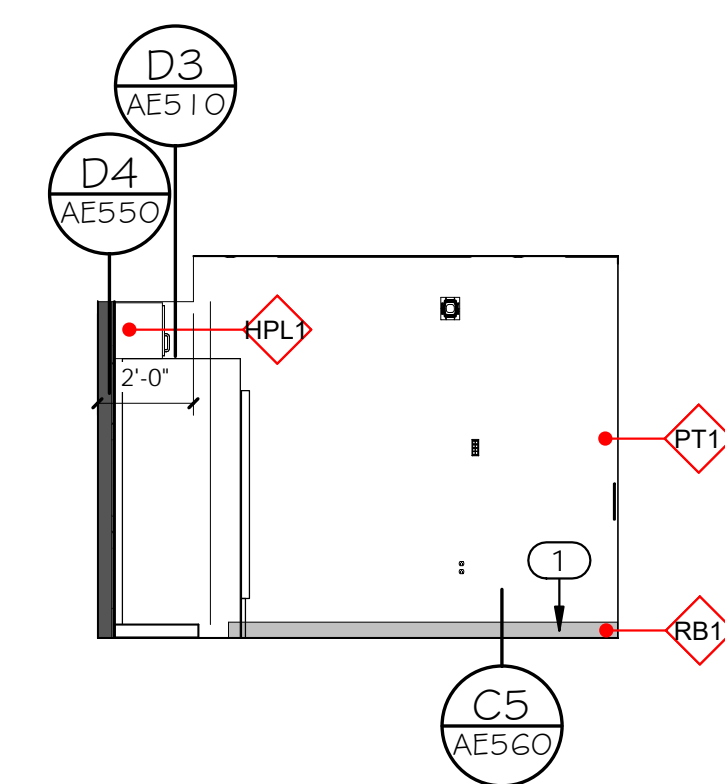
A2 LEVEL 16 - OFFICE 1617 - WEST
1/4" = 1'-0"



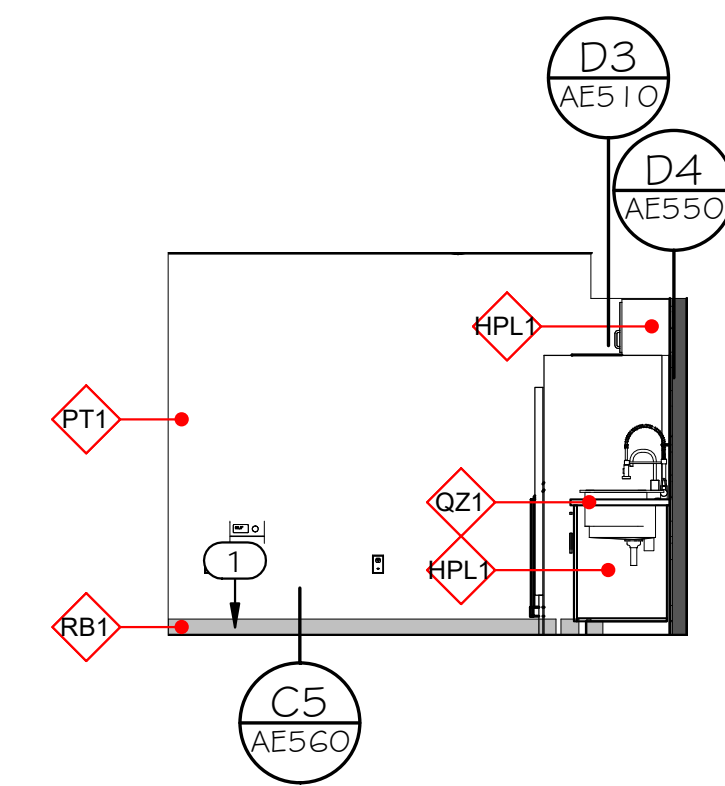
D3 LEVEL 16 - CORRIDOR NOOK WEST
1/4" = 1'-0"



C3 LEVEL 16 - BREAK 1618 - NORTH
1/4" = 1'-0"



B3 LEVEL 16 - BREAK 1618 - EAST
1/4" = 1'-0"



A3 LEVEL 16 - BREAK 1618 - WEST
1/4" = 1'-0"

GENERAL NOTES:

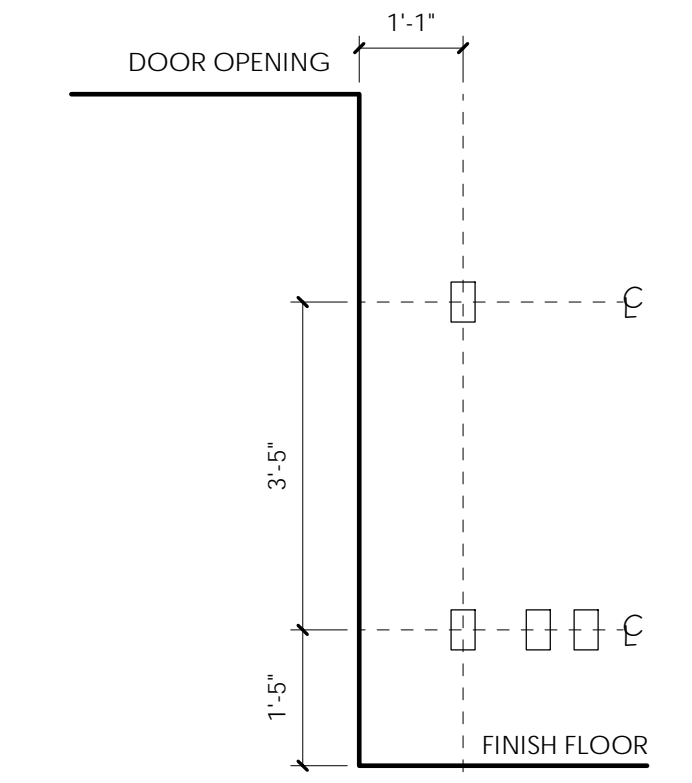
- SEE SHEET G1002 FOR GENERAL NOTES.
- SEE TITLE SHEET FOR DRAWING INDEX.
- DO NOT SCALE DRAWINGS.
- CONTRACTOR / SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING WORK, AND SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS BEFORE BEGINNING WORK. SEE GENERAL NOTES AND SPECIFICATIONS.
- BLOCKING & BACKING PER DETAILS B2/AE530 SHOULD BE INCLUDED BEHIND ALL WALL MOUNTED MONITORS, MARKER BOARDS, AND RESTROOM ACCESSORIES.

GENERAL FINISH NOTES:

FLOOR THRESHOLD TAGS: THESE SYMBOLS INDICATE THE TYPE OF THRESHOLD THAT SHALL BE INSTALLED BETWEEN CHANGES IN FLOOR MATERIAL. CONTRACTOR SHALL BE RESPONSIBLE FOR BUILDING THESE PER DETAILS IN THE INTERIOR FINISH DETAILS. ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O.

- RUBBER TRANSITION STRIP → ● SEE B5/ AE560
- METAL TRANSITION STRIP → ◆ SEE D5/ AE560

- FOR ALL WALL TILE GREATER THAN 12" IN LENGTH IN ANY DIRECTION, TILE SHALL BE INSTALLED RUNNING BOND WITH OFFSET NO GREATER THAN 1/3 THE LENGTH OF THE TILE.
- PROVIDE EPOXY PAINT AT ALL TOILET ROOMS AND JANITOR ROOMS.
- ALL TILE GROUT JOINTS TO BE NO LARGER THAN 1/8", U.N.O.
- FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
- COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
- SEE INTERIOR ELEVATION SHEETS FOR ALL WALL TILE PATTERNS - COORDINATE PATTERN LAYOUTS WITH ARCHITECT PRIOR TO CUTTING AND PLACEMENT OF ANY & ALL TILE.
- PROVIDE A SMOOTH TRANSITION AT ALL CHANGES IN FLOOR MATERIAL - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENCES IN THICKNESS.
- EXPOSED GYP. BD. CEILINGS SHALL BE PAINTED - REFER TO FINISH PLANS, REFLECTED CEILING PLANS, & FINISH SCHEDULE FOR PAINT COLOR.
- RATED WALL CONDITIONS SHALL REMAIN 5/8" TYPE-X GYP. BOARD, GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.
- PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.
- FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET AE620
- FOR EQUIPMENT, ACCESSORIES, AND FIXTURES, SEE SCHEDULE ON SHEET AE620. COORDINATE ALL FIXTURES AND EQUIPMENT WITH MECHANICAL, PLUMBING, AND ELECTRICAL AS REQUIRED.
- ALL EXPOSED PIPES IN LAVATORIES SHOULD BE WRAPPED IN A PVC INSULATION



NOTE: ALL OUTLETS, SWITCHES, STROBES, AND OTHER WALL-MOUNTED ELECTRICAL/FIRE PROTECTION DEVICES TO BE ALIGNED ON THE FACE OF THE WALL AND WITHIN CODE REQUIRED CLEARANCES OF DOORS/OPENINGS/EDGE OF WALL

KEYED NOTES:

- RUBBER BASE, ADHESIVE APPLIED. SEE SPECIFICATIONS & FINISH LEGEND.
- WALL MOUNTED MONITOR, OWNER PROVIDED, CONTRACTOR INSTALLED. PROVIDE SOLID BLOCKING/BACKING IN WALLS FOR ANCHORING PER DETAIL A4/AE530. SEE ELECTRICAL.
- REFRIGERATOR, PURCHASED BY OWNER, CONTRACTOR INSTALLED.
- ICEMAKER, PURCHASED BY OWNER, CONTRACTOR INSTALLED. SEE PLUMBING DRAWINGS.
- BUILT IN MICROWAVE, PURCHASED BY OWNER, CONTRACTOR INSTALLED.
- DISHWASHER, PURCHASED BY OWNER, CONTRACTOR INSTALLED. SEE PLUMBING DRAWINGS.
- SINK AND FAUCET, SEE PLUMBING DRAWINGS.



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 16 - ENLARGED
FLOOR PLANS +
INTERIOR ELEVATIONS**

REVISIONS

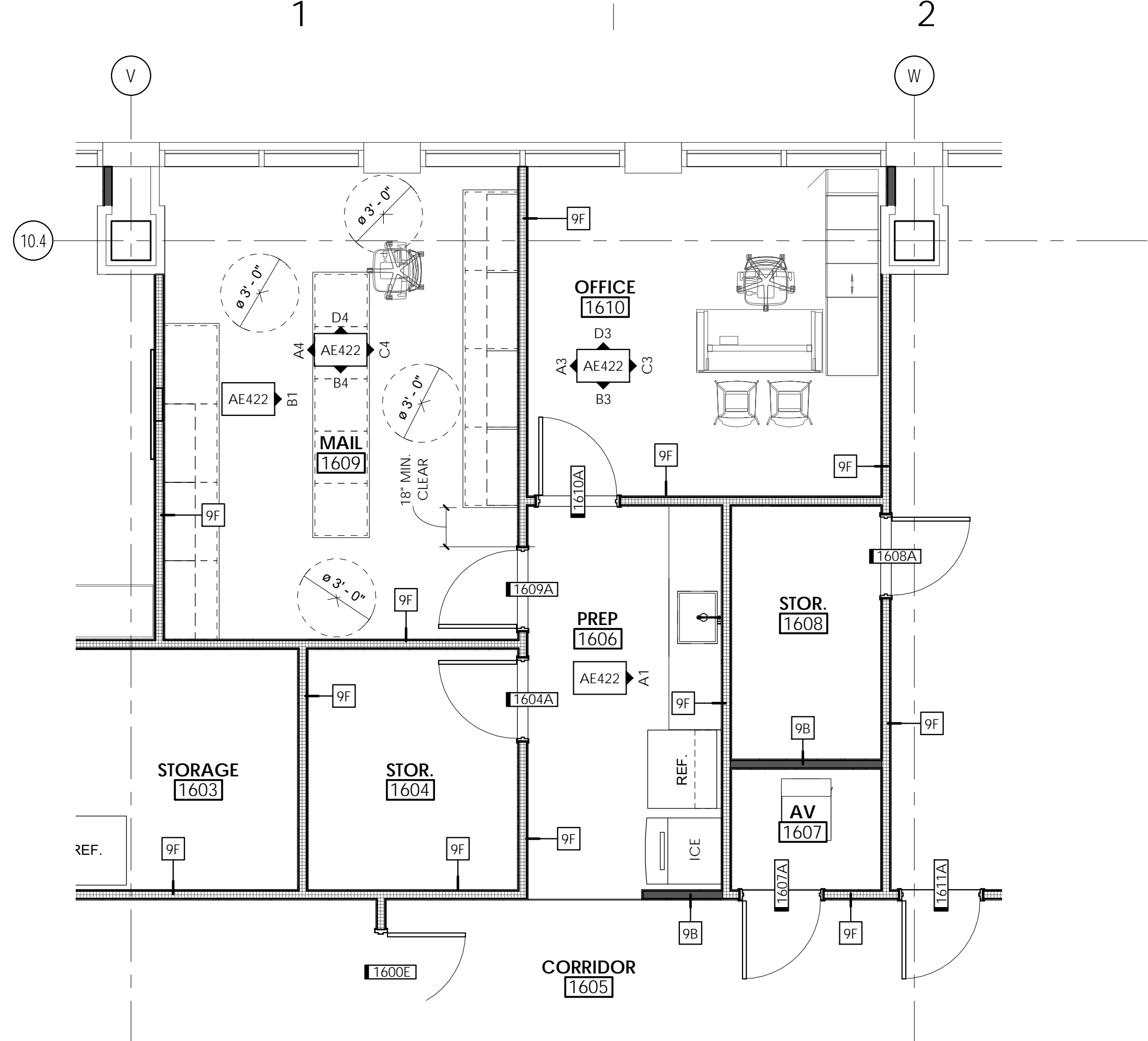
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1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: Author
CHECKED BY: Checker
PROJECT#: 1904

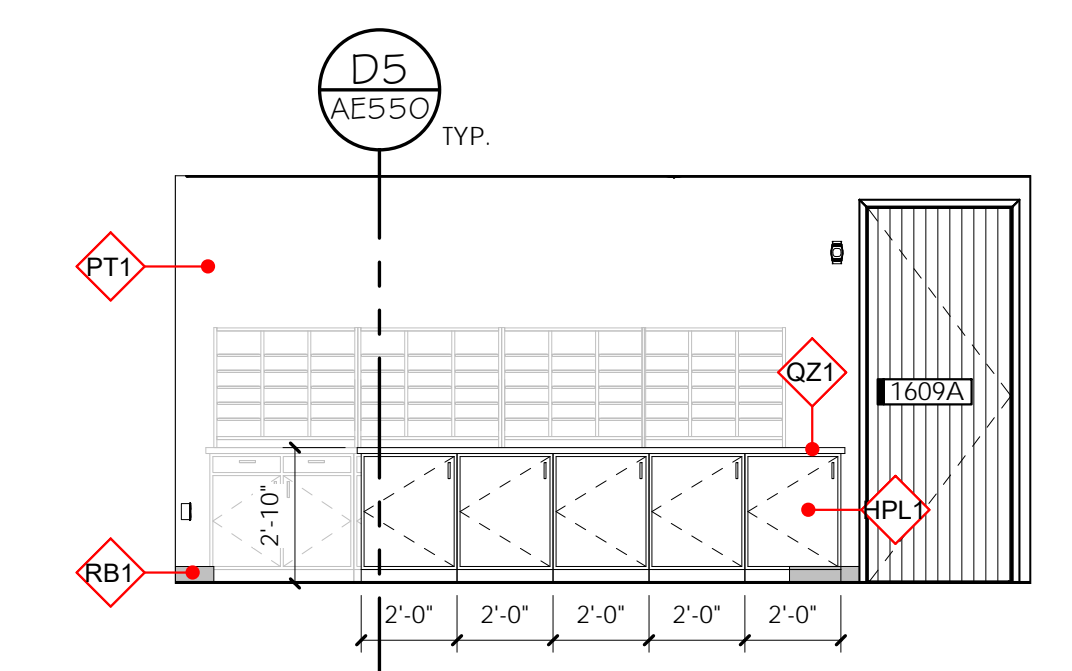
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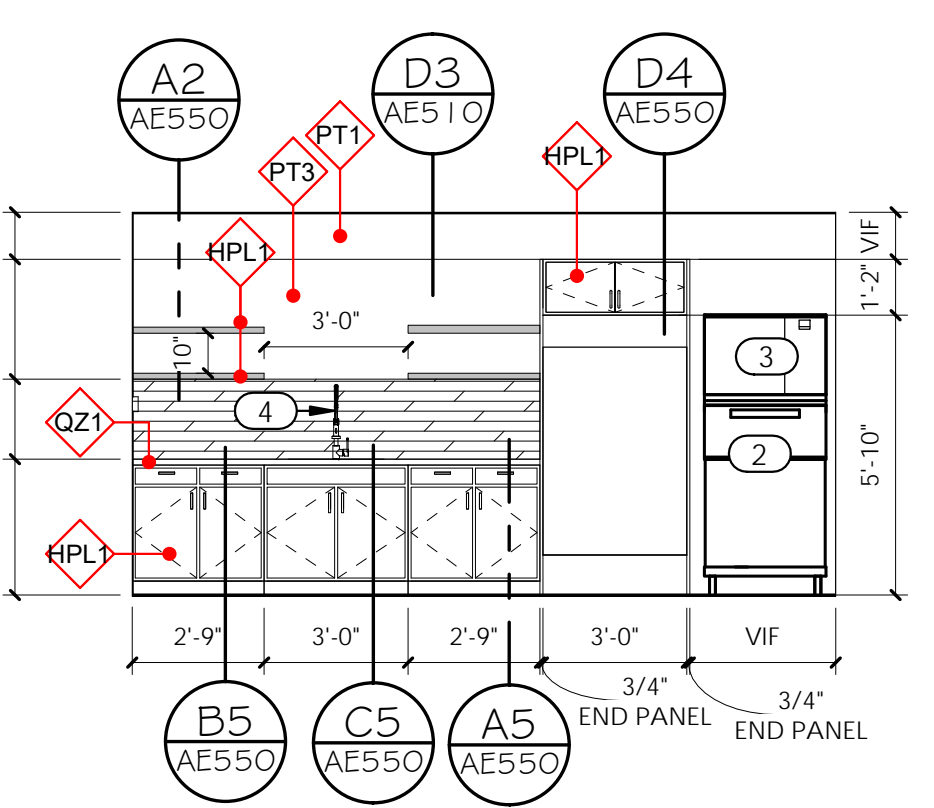
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 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND WERE CREATED, DEVELOPED, AND/OR REVISED FOR THE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DECIDED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE KB1 BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED. TRADE MARKS AND REGISTERED TRADE NAMES ARE INDICATED BY THE APPROPRIATE SYMBOLS. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN FEET AND INCHES.



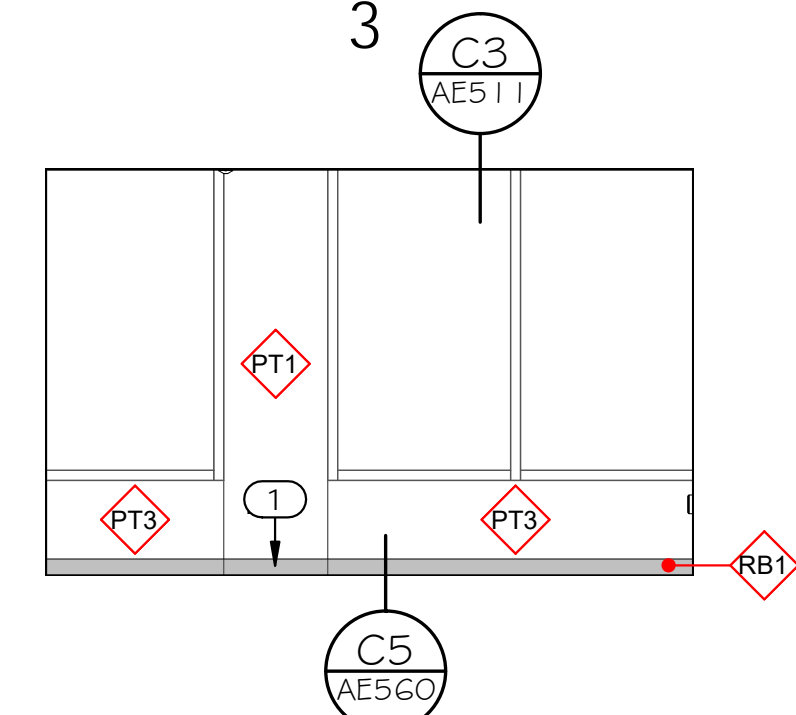
D1 LEVEL 16 - ENLARGED FLOOR PLAN - STORAGE
 1/4" = 1'-0"



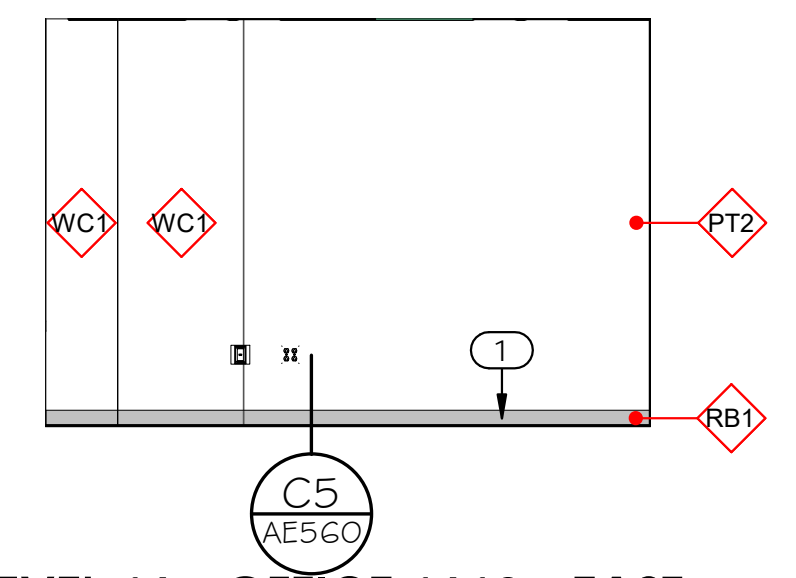
B1 LEVEL 16 - MAIL 1609 - ISLAND
 1/4" = 1'-0"



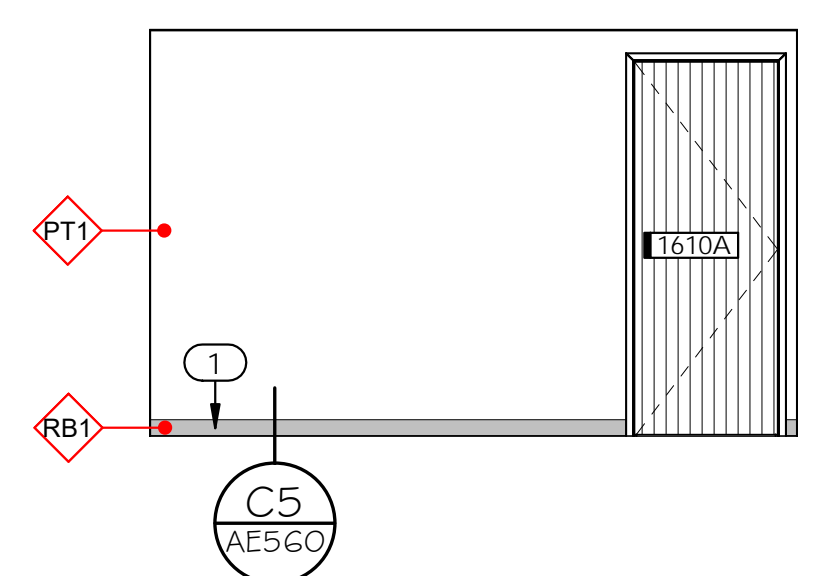
A1 LEVEL 16 - PREP 1606 - EAST
 1/4" = 1'-0"



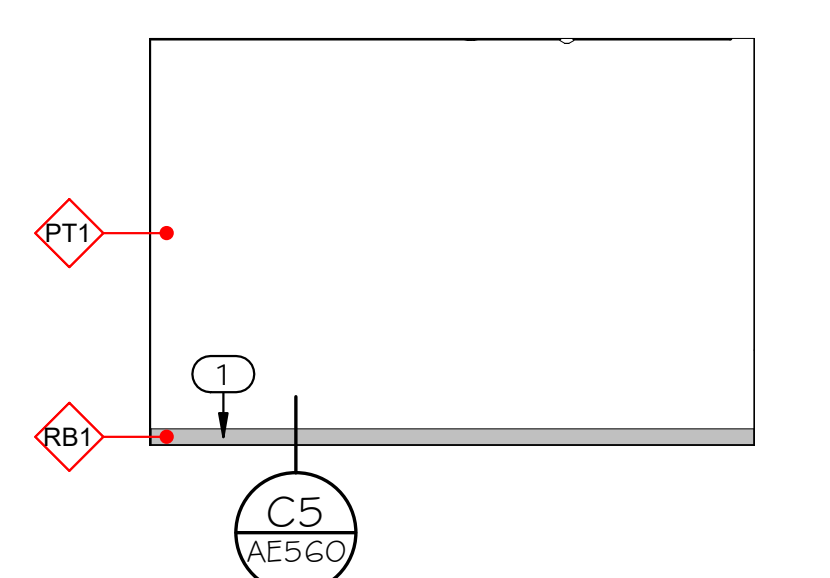
D3 LEVEL 16 - OFFICE 1610 - NORTH
 1/4" = 1'-0"



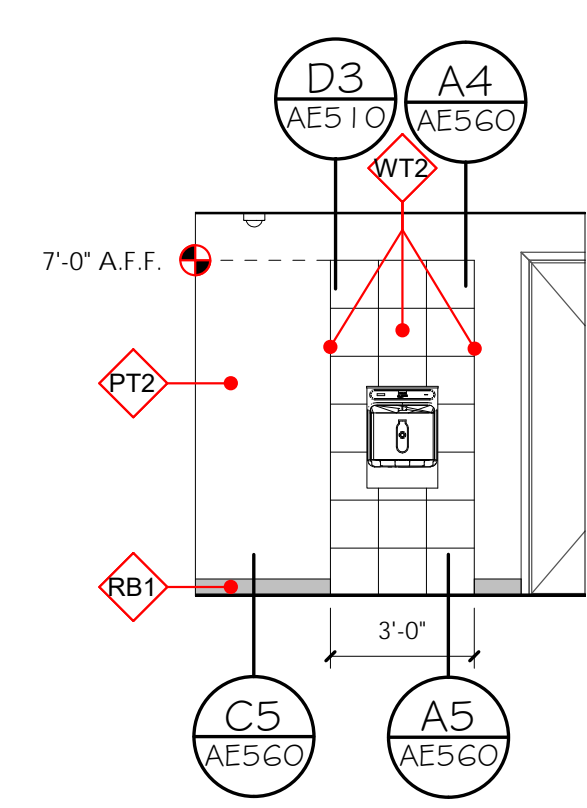
C3 LEVEL 16 - OFFICE 1610 - EAST
 1/4" = 1'-0"



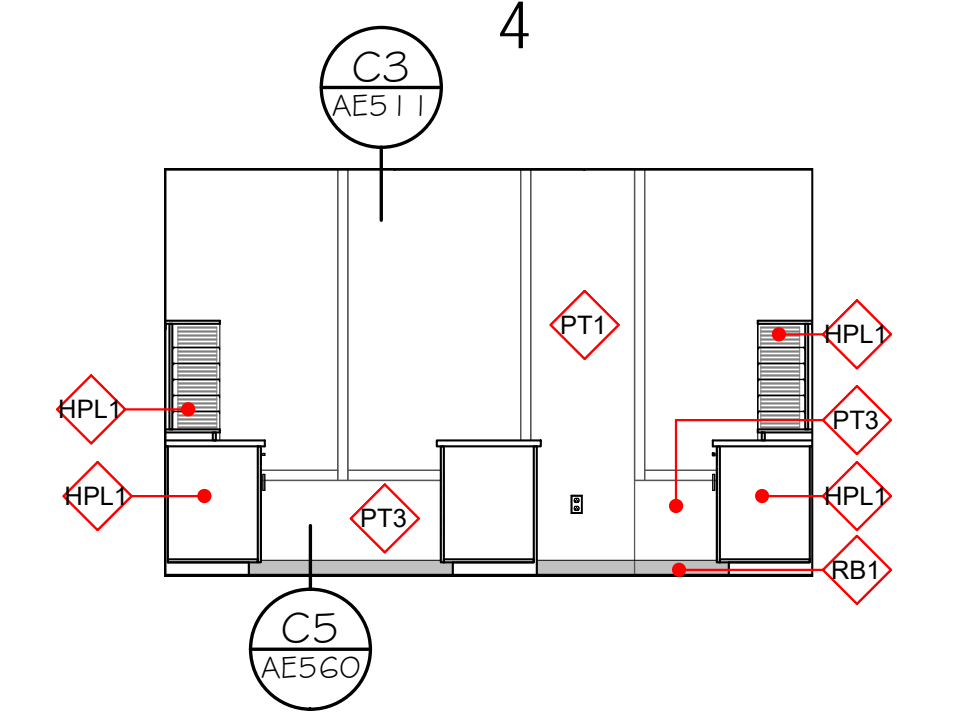
B3 LEVEL 16 - OFFICE 1610 - SOUTH
 1/4" = 1'-0"



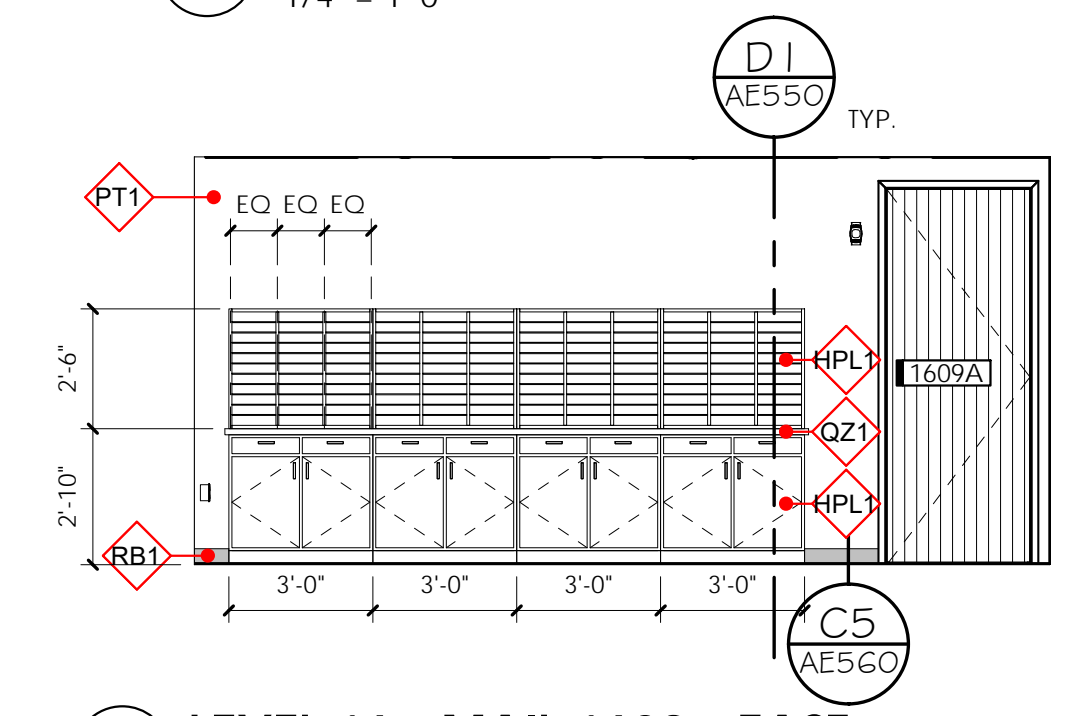
A3 LEVEL 16 - OFFICE 1610 - WEST
 1/4" = 1'-0"



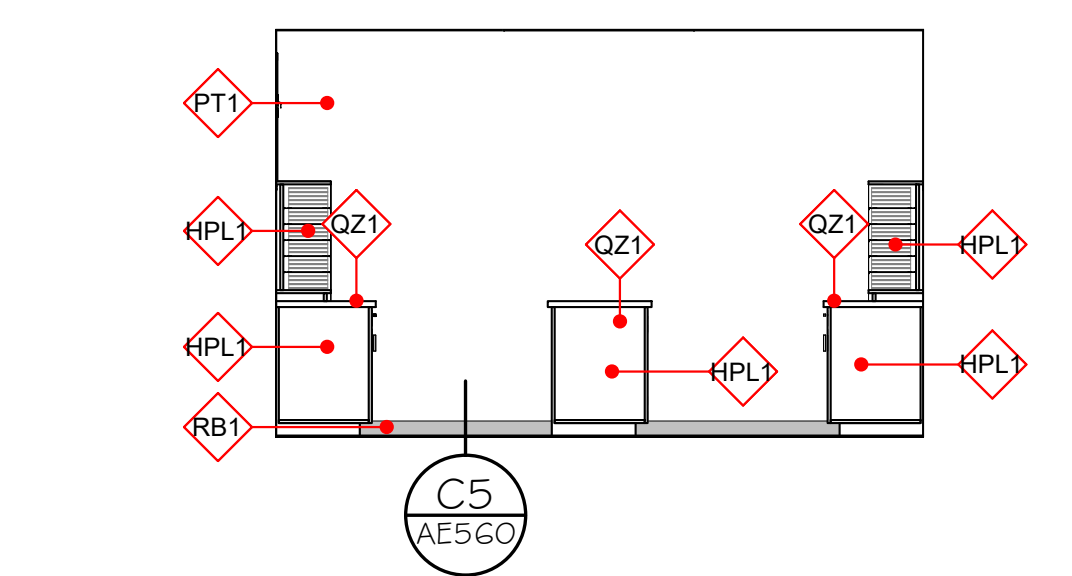
A2 LEVEL 16 - BOTTLE FILLER
 1/4" = 1'-0"



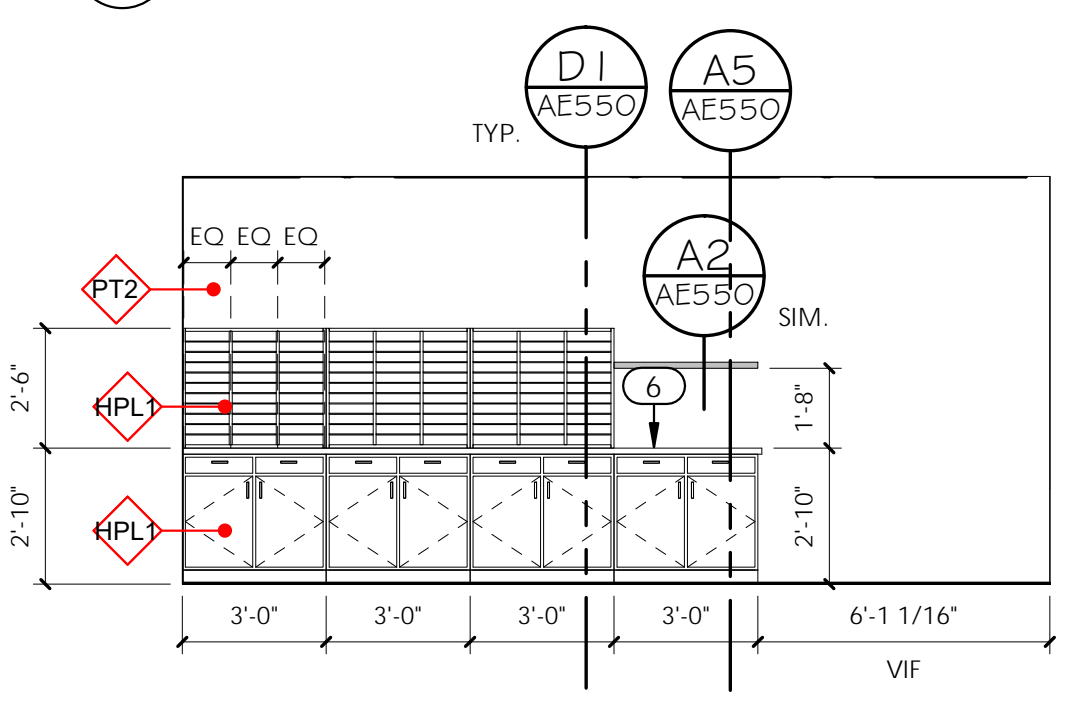
D4 LEVEL 16 - MAIL 1609 - NORTH
 1/4" = 1'-0"



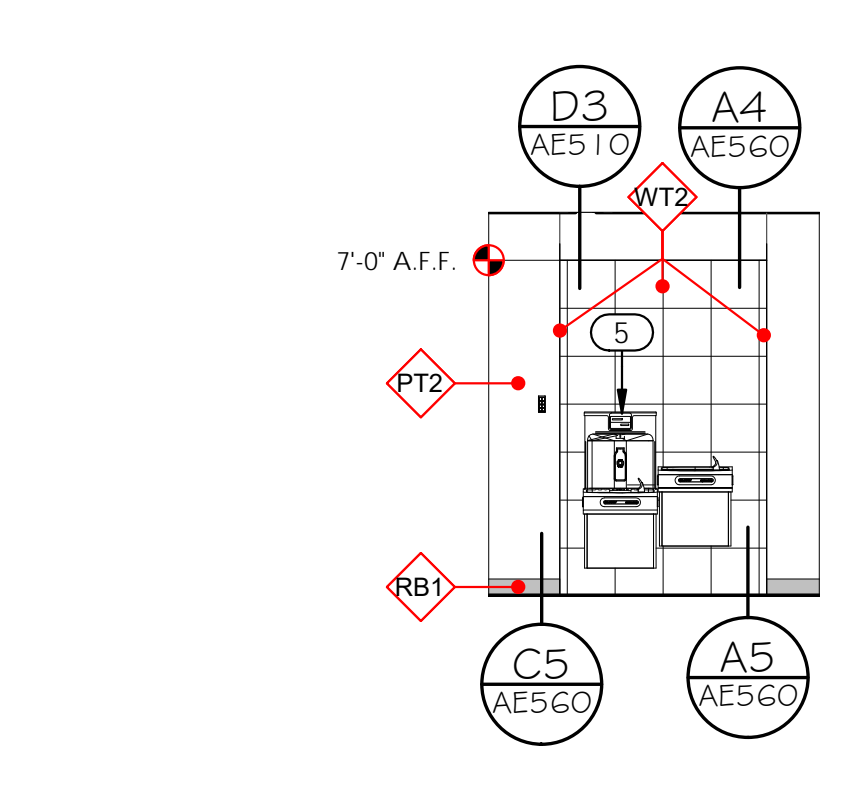
C4 LEVEL 16 - MAIL 1609 - EAST
 1/4" = 1'-0"



B4 LEVEL 16 - MAIL 1609 - SOUTH
 1/4" = 1'-0"



A4 LEVEL 16 - MAIL 1609 - WEST
 1/4" = 1'-0"



A5 LEVEL 16 - DRINKING FOUNTAIN
 1/4" = 1'-0"

GENERAL NOTES:

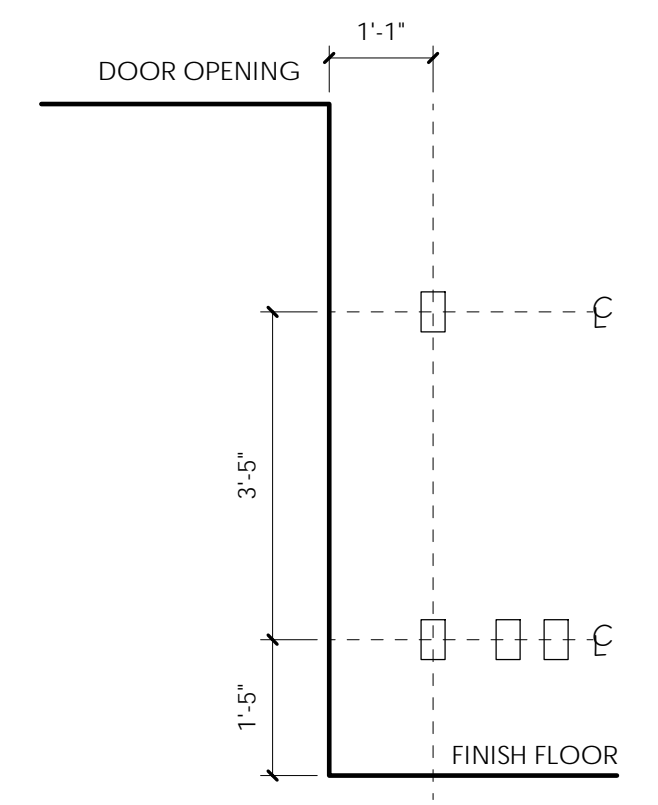
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GENERAL FINISH NOTES:

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- RUBBER TRANSITION STRIP → SEE B5/ AE560
- METAL TRANSITION STRIP → SEE D5/ AE560

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- PROVIDE EPOXY PAINT AT ALL TOILET ROOMS AND JANITOR ROOMS.
- ALL TILE GROUT JOINTS TO BE NO LARGER THAN 1/8", U.N.O.
- FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
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- EXPOSED GYP. BD. CEILINGS SHALL BE PAINTED - REFER TO FINISH PLANS, REFLECTED CEILING PLANS, & FINISH SCHEDULE FOR PAINT COLOR.
- RATED WALL CONDITIONS SHALL REMAIN 5/8" TYPE-X GYP. BOARD, GYP. BOARD, BOTH RATED AND NON-RATED, SHALL BE PAINTED WHERE EXPOSED - REFER TO FINISH LEGEND.
- PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED ACCESSORIES.
- FOR ALL FINISH MATERIALS SEE FINISH LEGEND ON SHEET AE620
- FOR EQUIPMENT, ACCESSORIES, AND FIXTURES, SEE SCHEDULE ON SHEET AE620.
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NOTE: ALL OUTLETS, SWITCHES, STROBES, AND OTHER WALL-MOUNTED ELECTRICAL/FIRE PROTECTION DEVICES TO BE ALIGNED ON THE FACE OF THE WALL AND WITHIN CODE REQUIRED CLEARANCES OF DOORS/OPENINGS/EDGE OF WALL

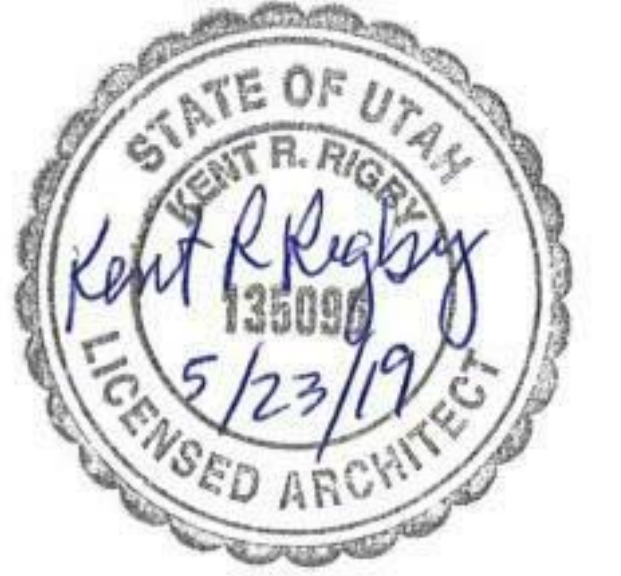
KEYED NOTES:

- RUBBER BASE, ADHESIVE APPLIED. SEE SPECIFICATIONS & FINISH LEGEND.
- REFRIGERATOR, PURCHASED BY OWNER, CONTRACTOR INSTALLED.
- ICEMAKER, PURCHASED BY OWNER, CONTRACTOR INSTALLED. SEE PLUMBING DRAWINGS.
- SINK AND FAUCET, SEE PLUMBING DRAWINGS.
- WATER BOTTLE FILLER. SEE PLUMBING DRAWINGS.
- COMPACT PRINTER LOCATION.



703 east 1700 south
 salt lake city, utah 84105
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

**KEY BANK TOWER
 LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 16 - ENLARGED
 FLOOR PLANS +
 INTERIOR ELEVATIONS**

REVISIONS

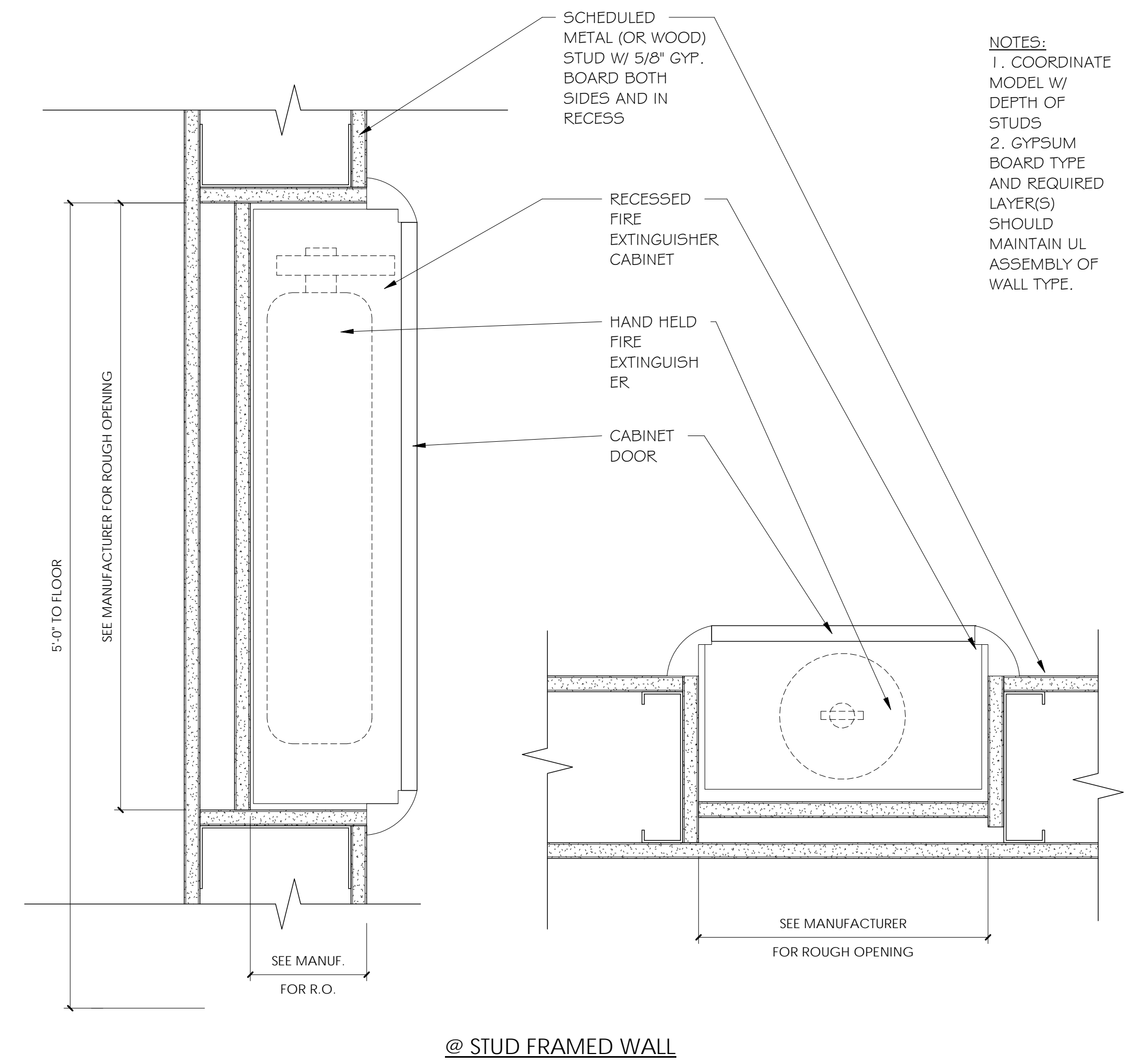
MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: Author
 CHECKED BY: Checker
 PROJECT#: 1904

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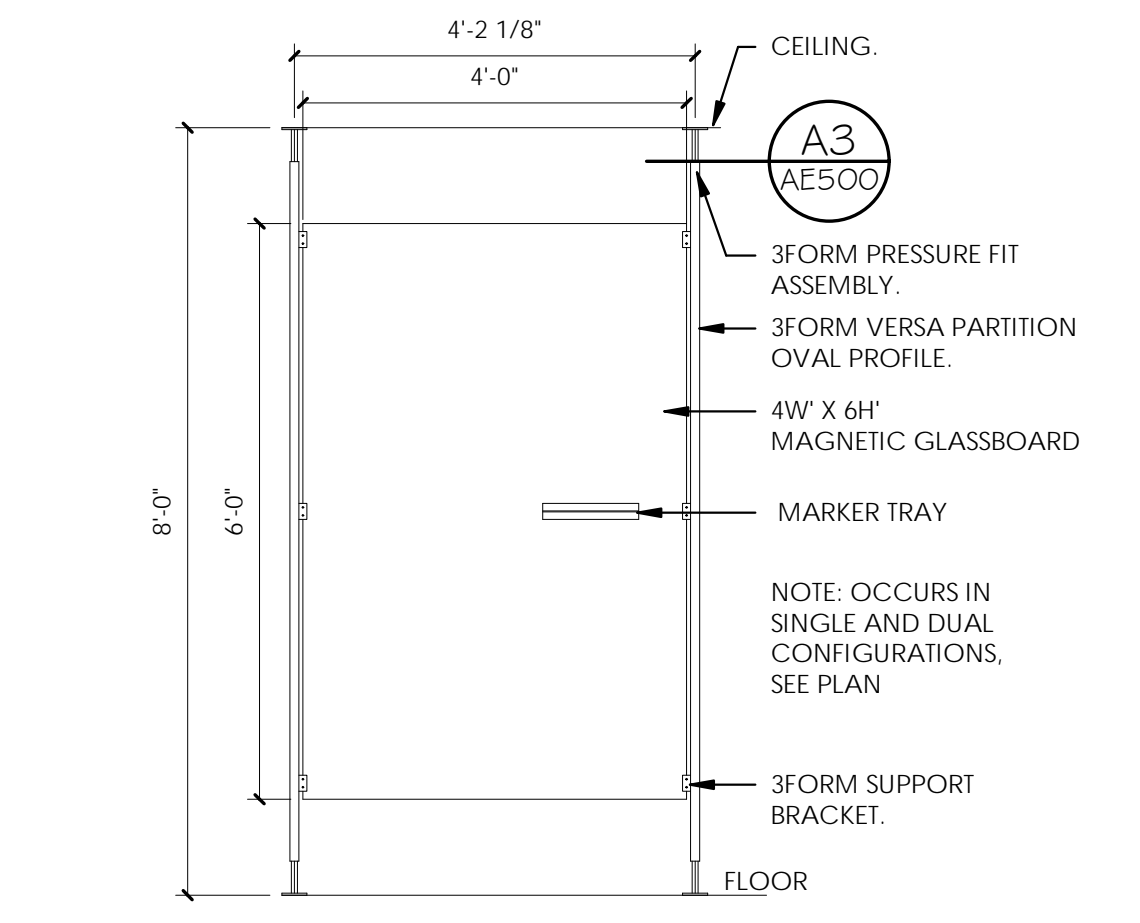
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6/5/2019 5:30:57 PM \\ajccorp\p040c1\users\black\Documents\1904 01 JHC KBI_Level 10 and 16 v19_black.rvt
ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND WERE CREATED, DEVELOPED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. COMMERCIALS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNINGS/REPRODUCTION RIGHTS OR OTHER TRADE SECRET INFORMATION IN VIOLATION OF U.S.C. 1833 AND OTHER LAWS.

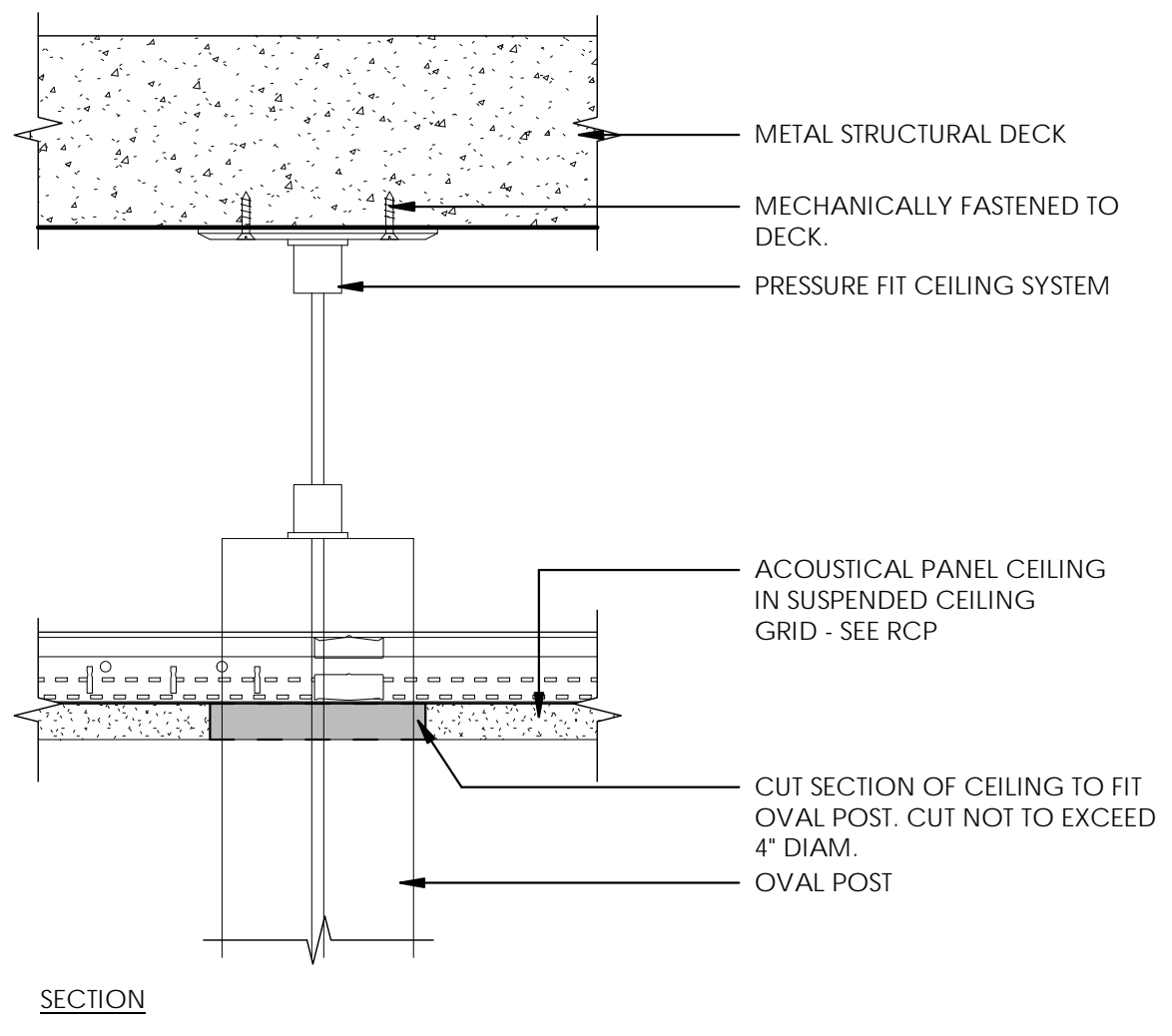


A1 FIRE EXTINGUISHER
3" = 1'-0"

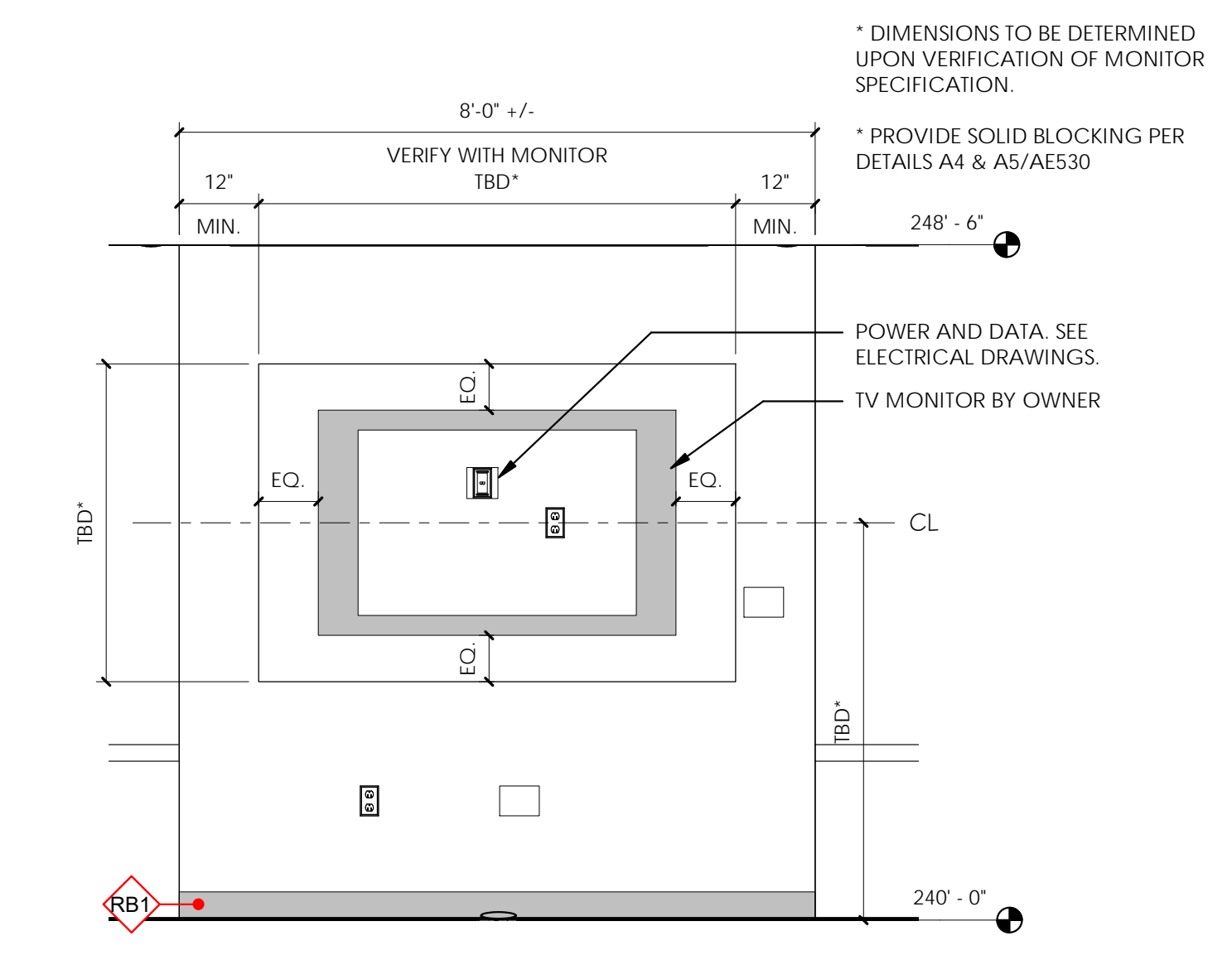
NOTES:
1. COORDINATE MODEL W/ DEPTH OF STUDS
2. GYPSUM BOARD TYPE AND REQUIRED LAYER(S) SHOULD MAINTAIN UL ASSEMBLY OF WALL TYPE.



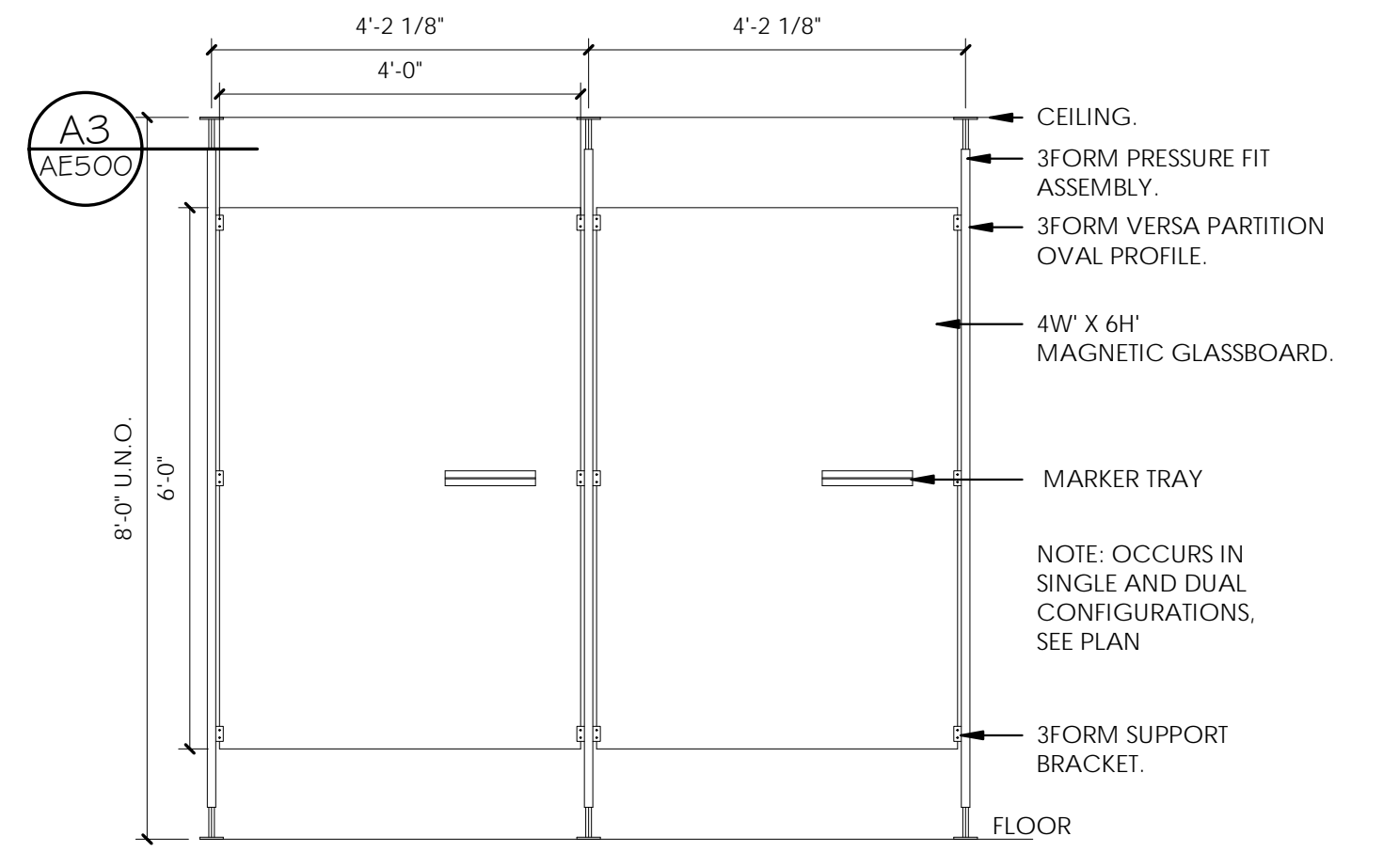
B5 HUDDLE BOARD - SINGLE
1/2" = 1'-0"



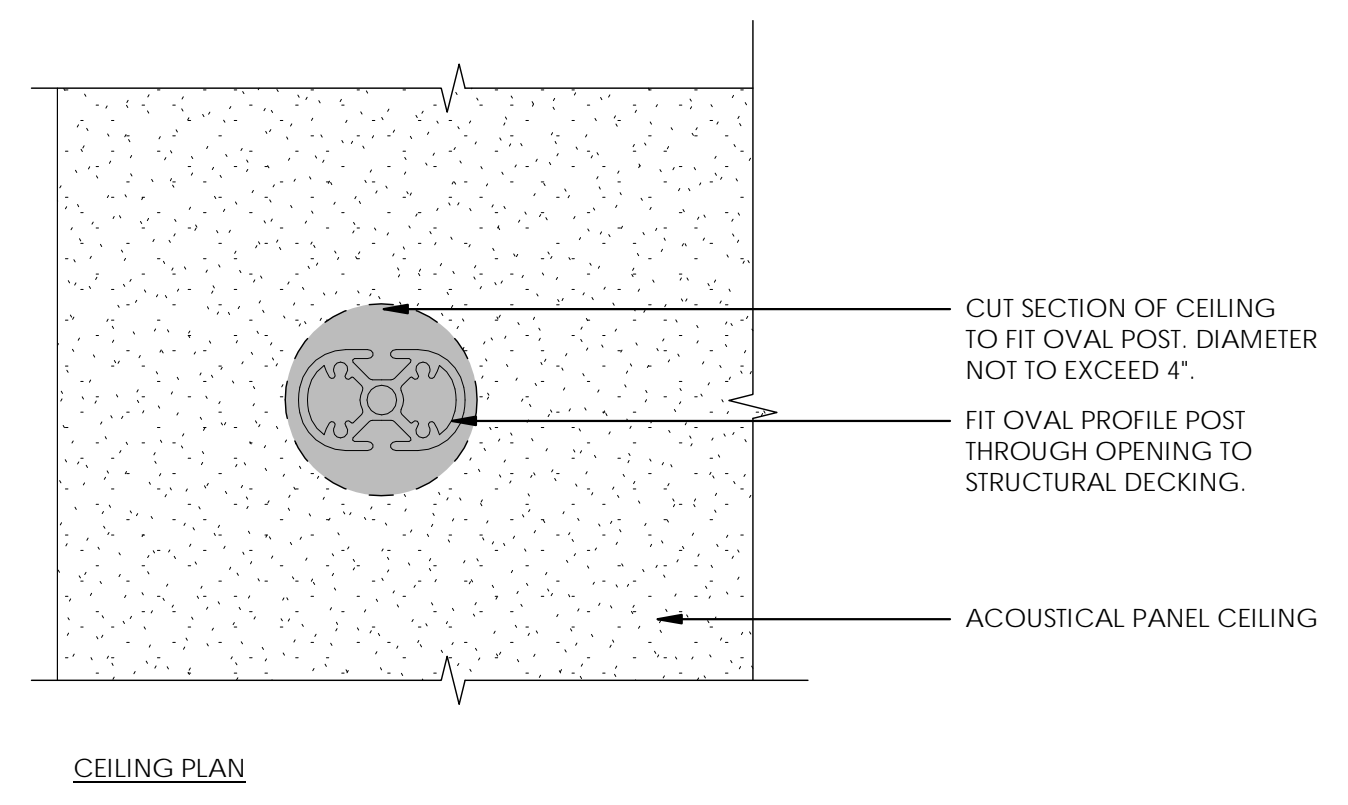
A3 HUDDLE BOARD PRESSURE FIT ASSEMBLY
3" = 1'-0"



C4 WALL - INSET FOR MONITOR
1/2" = 1'-0"

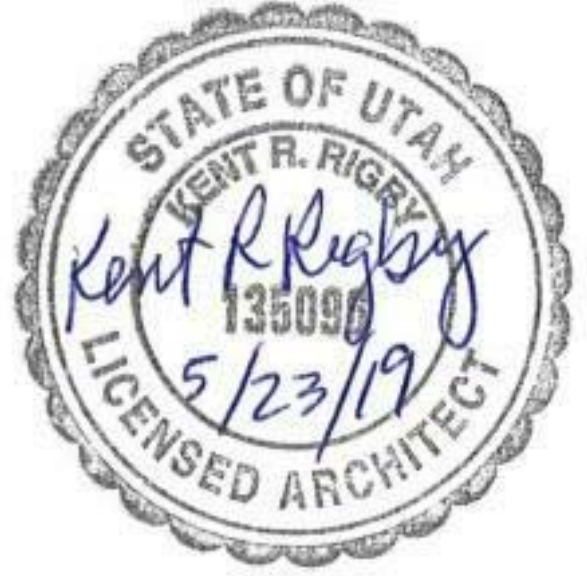


B4 HUDDLE BOARD - DOUBLE
1/2" = 1'-0"



CEILING PLAN

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

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AHJ STAMP

SHEET NAME:
DETAILS

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ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

AE500

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 ALL IDEAS, DESIGNS, ARRANGEMENTS OR PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND WERE CREATED, DEVELOPED, AND DEVELOPED FOR THE USE AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNINGS: REPRODUCTION WITHOUT WRITTEN PERMISSION IS STRICTLY PROHIBITED. TRADE MARKS AND LOGOS ARE THE PROPERTY OF THEIR RESPECTIVE OWNERS.

D

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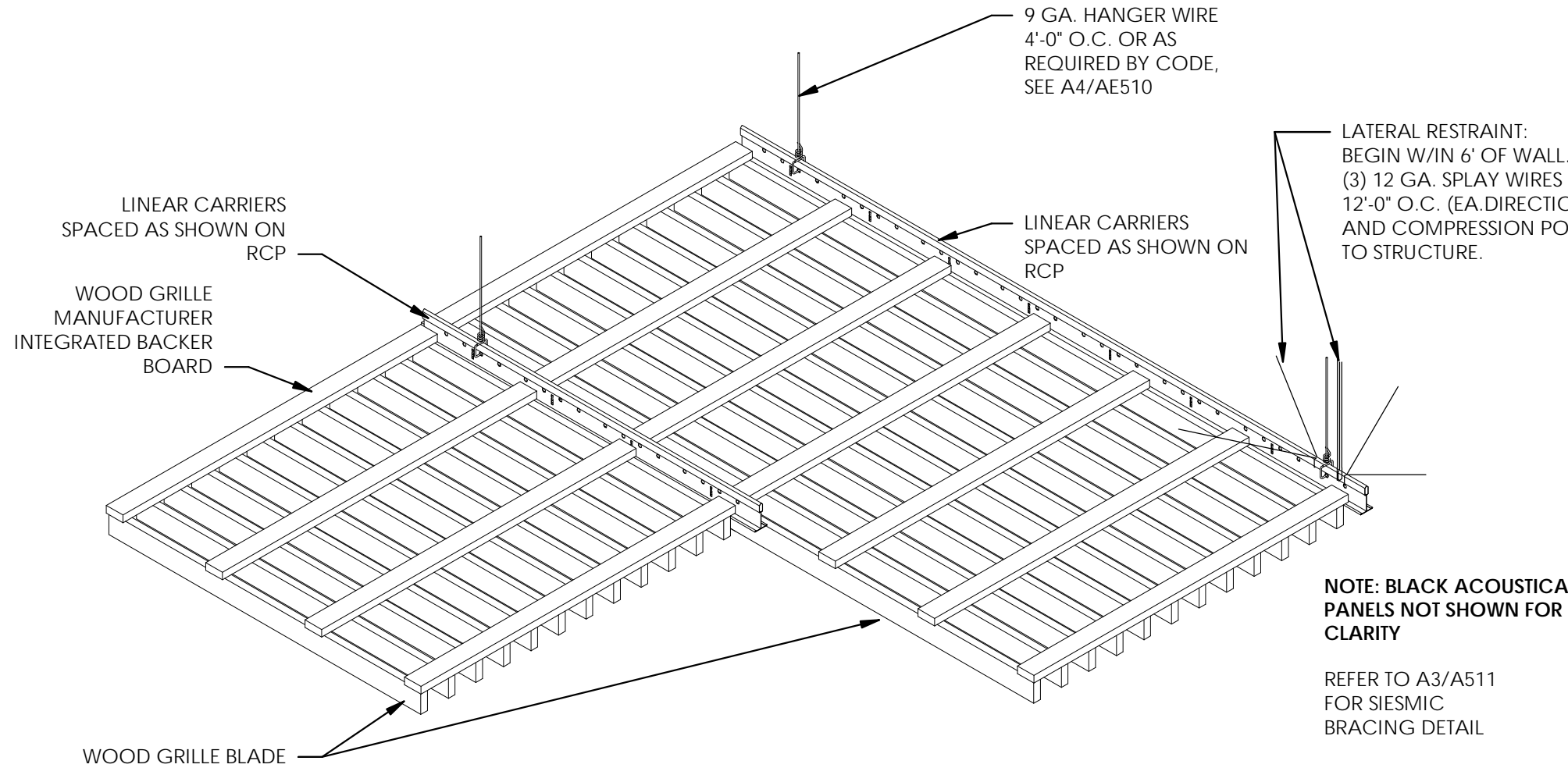
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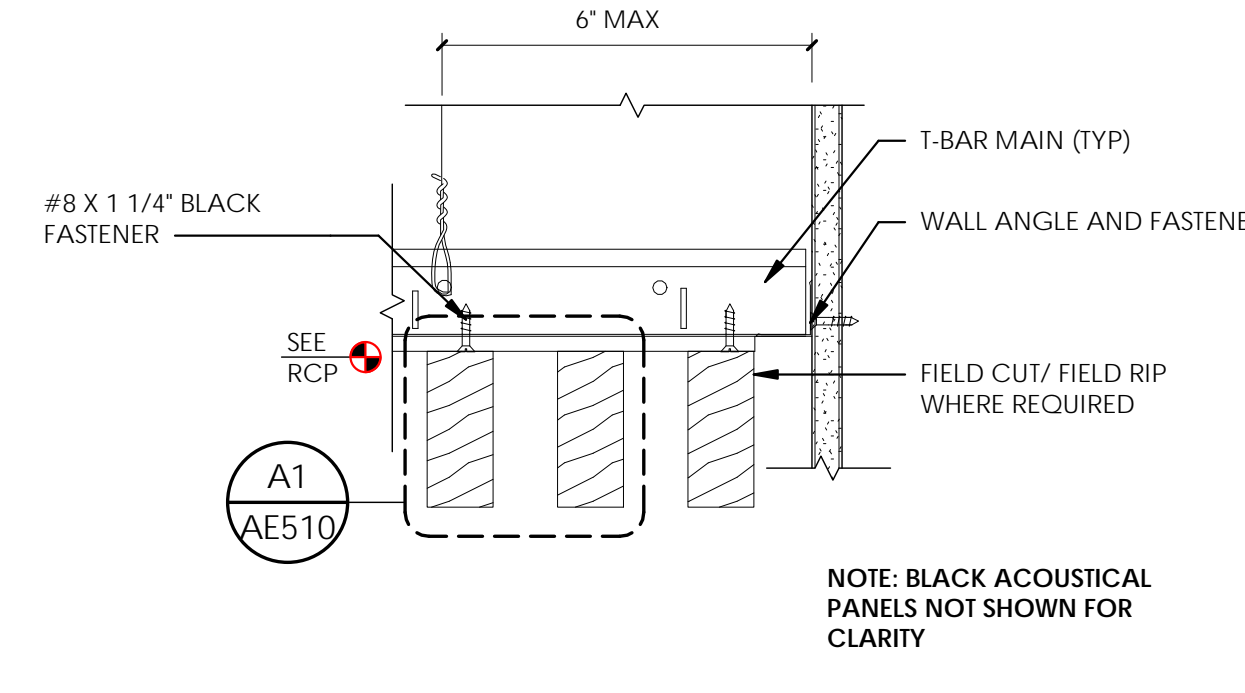
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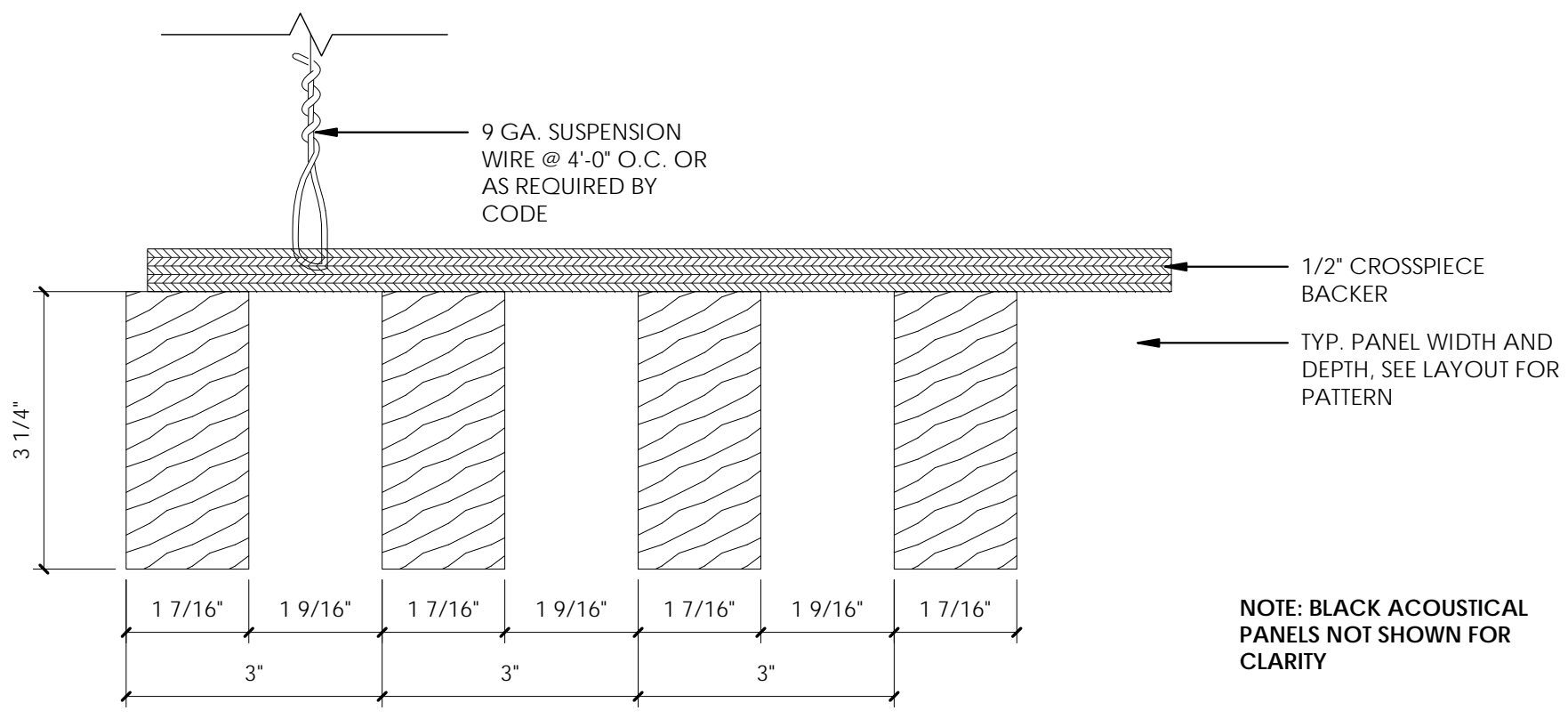
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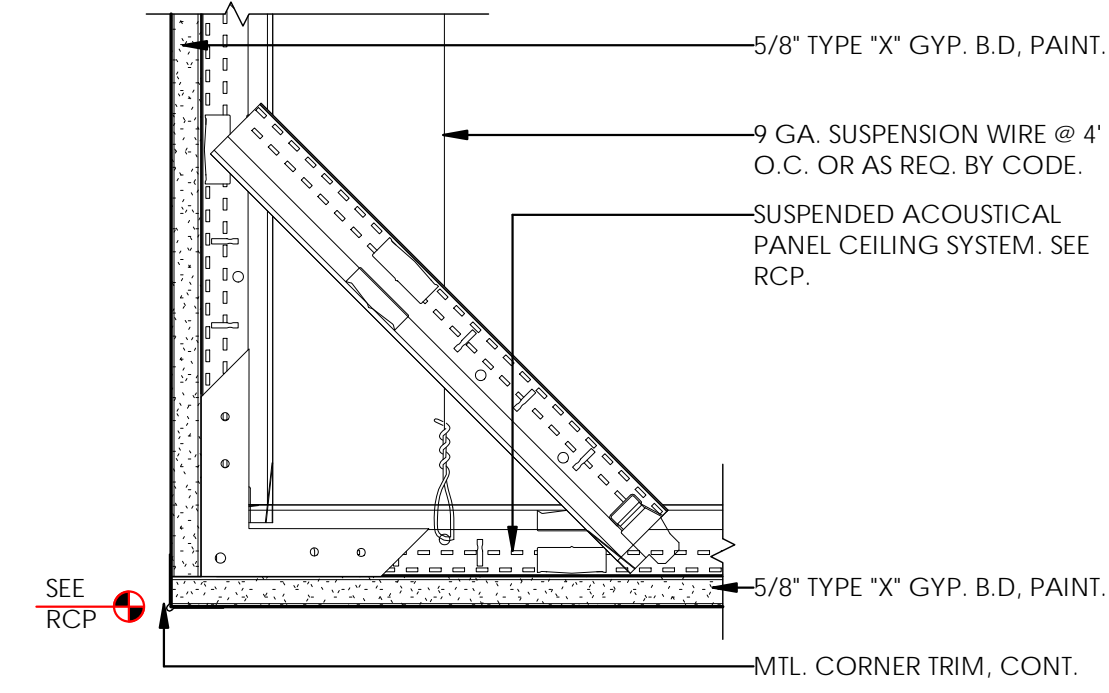
C1 CEILING - WOOD TYPICAL SUSPENSION
1 1/2" = 1'-0"



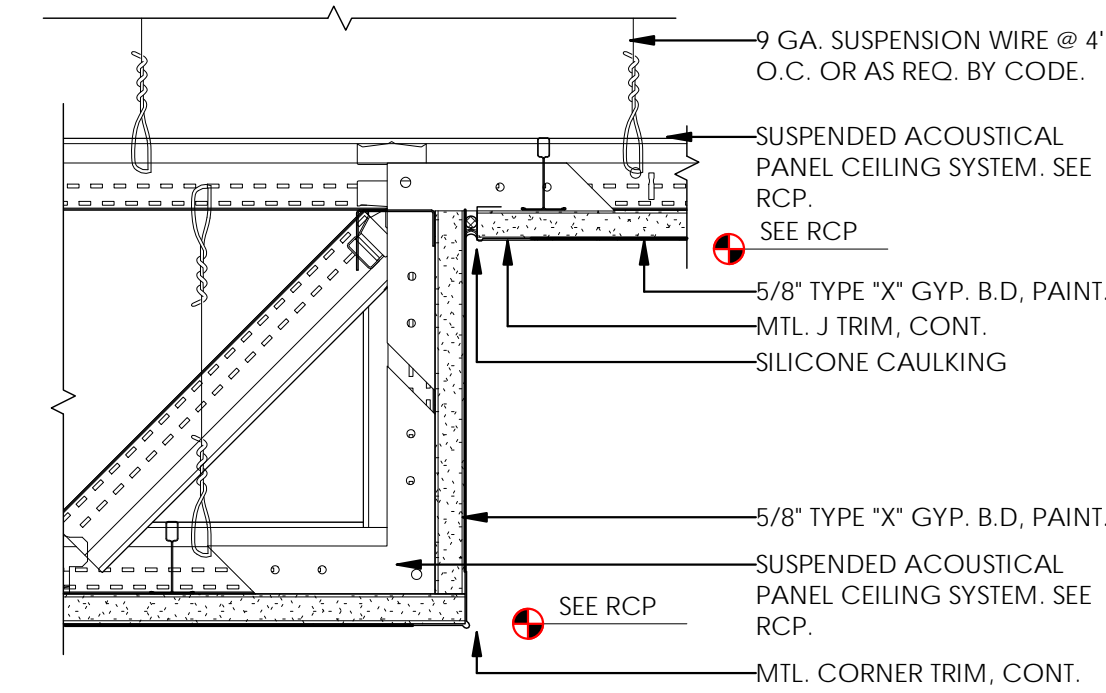
B2 WOOD GRILLE @ CEILING
3" = 1'-0"



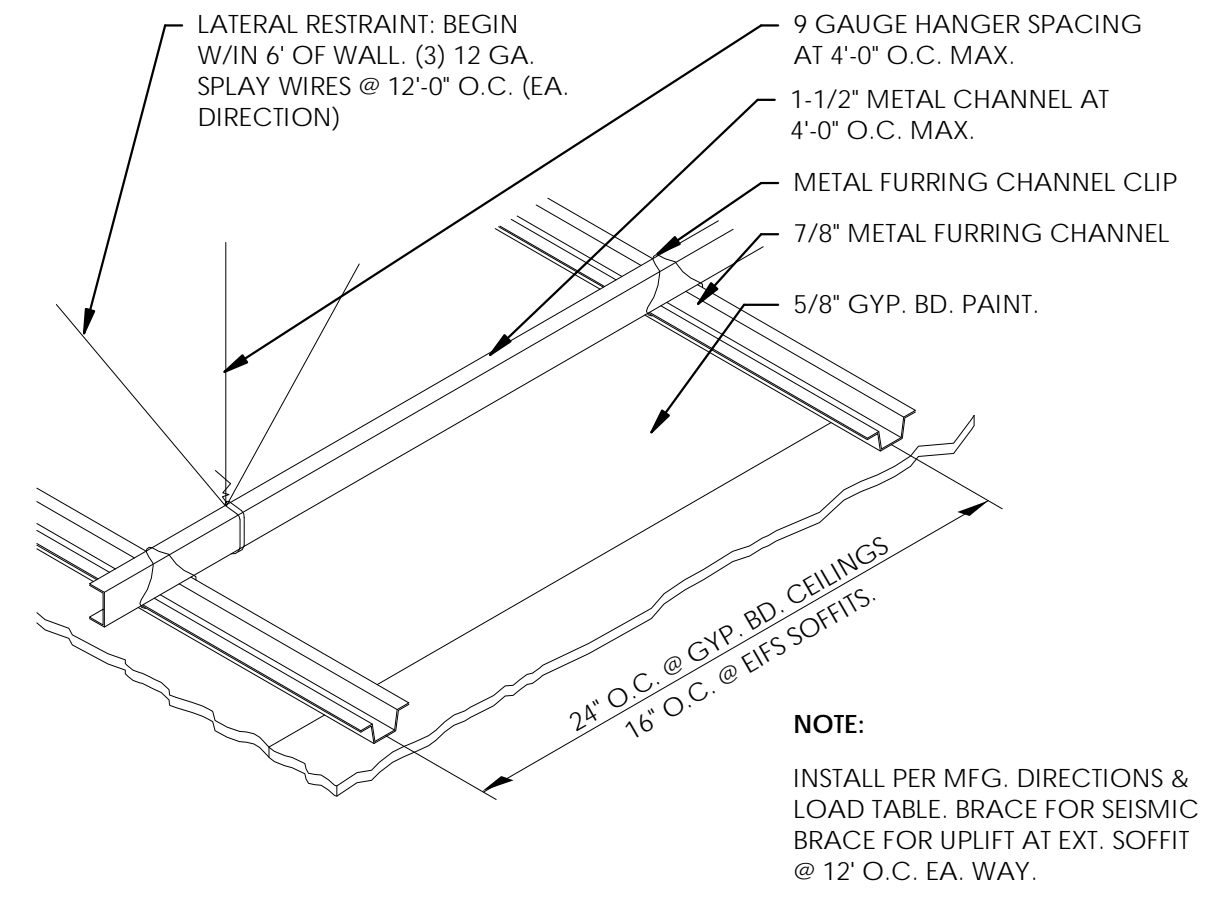
A1 WOOD GRILLE PANEL DETAIL
6" = 1'-0"



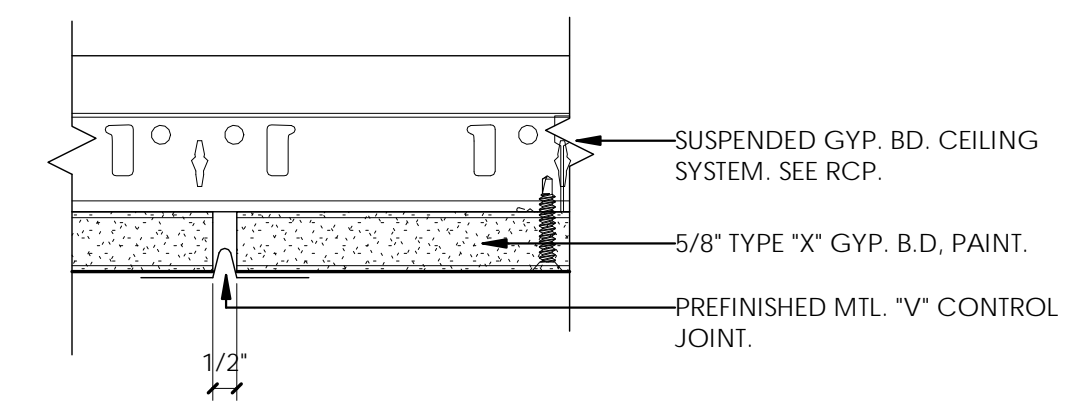
D3 CEILING - GYP. SOFFIT
3" = 1'-0"



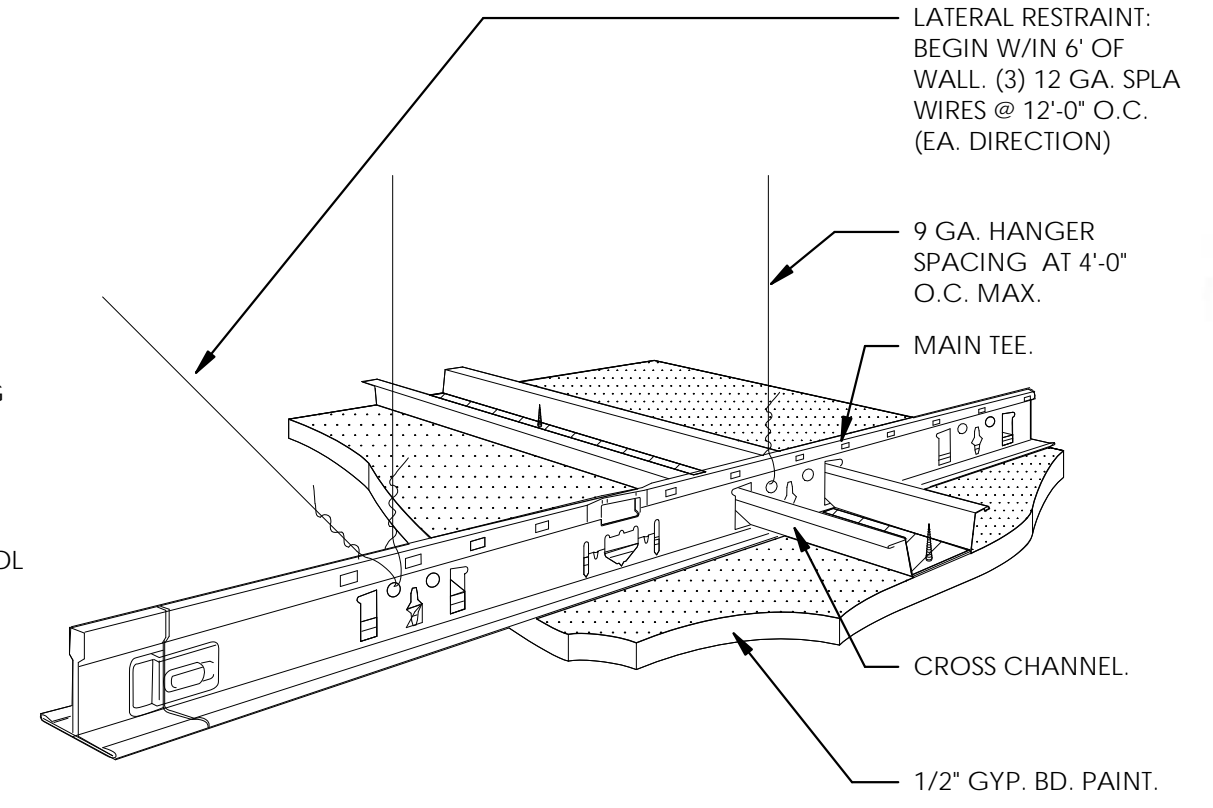
D4 CEILING - GYP. SOFFIT TO GYP.
3" = 1'-0"



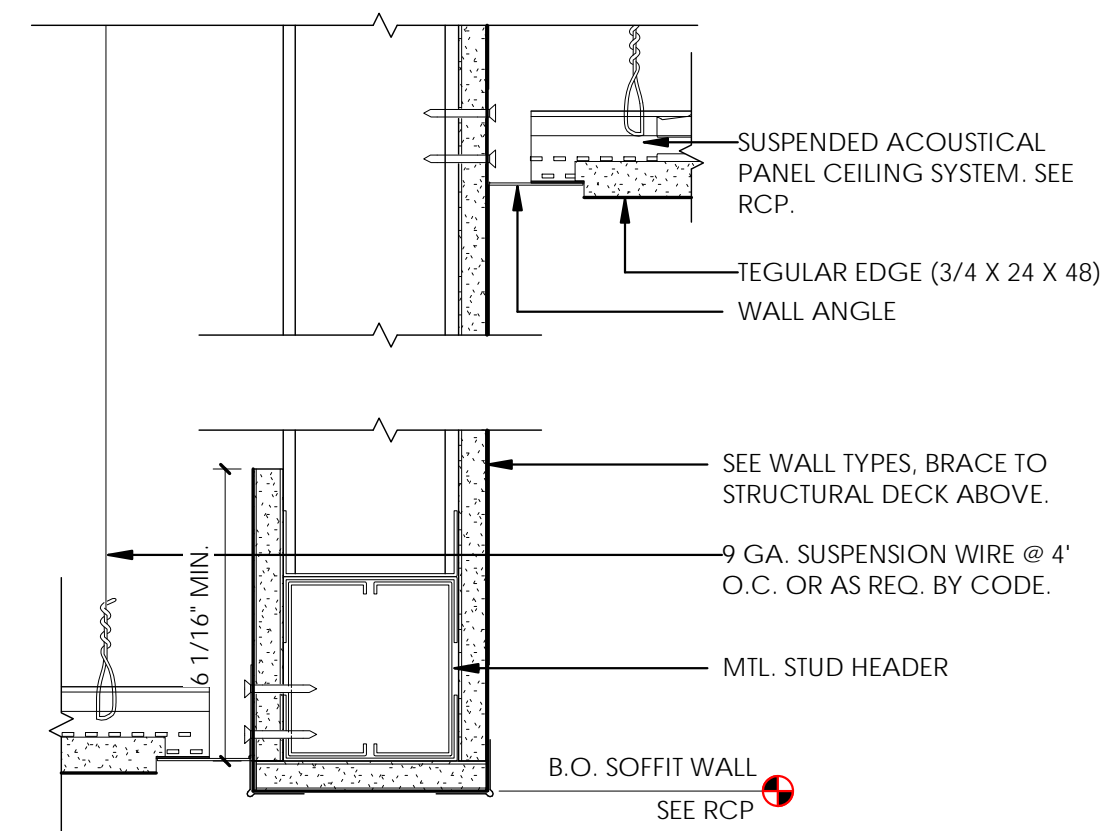
D5 ALT. SUSPENDED CEILING DETAIL
3" = 1'-0"



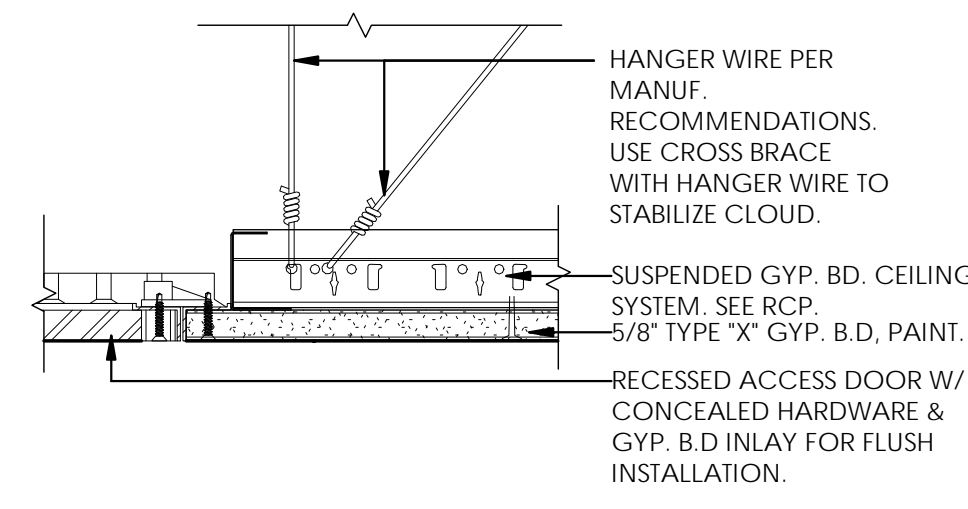
C4 GYP. BD. CEILING CONTROL JOINT
6" = 1'-0"



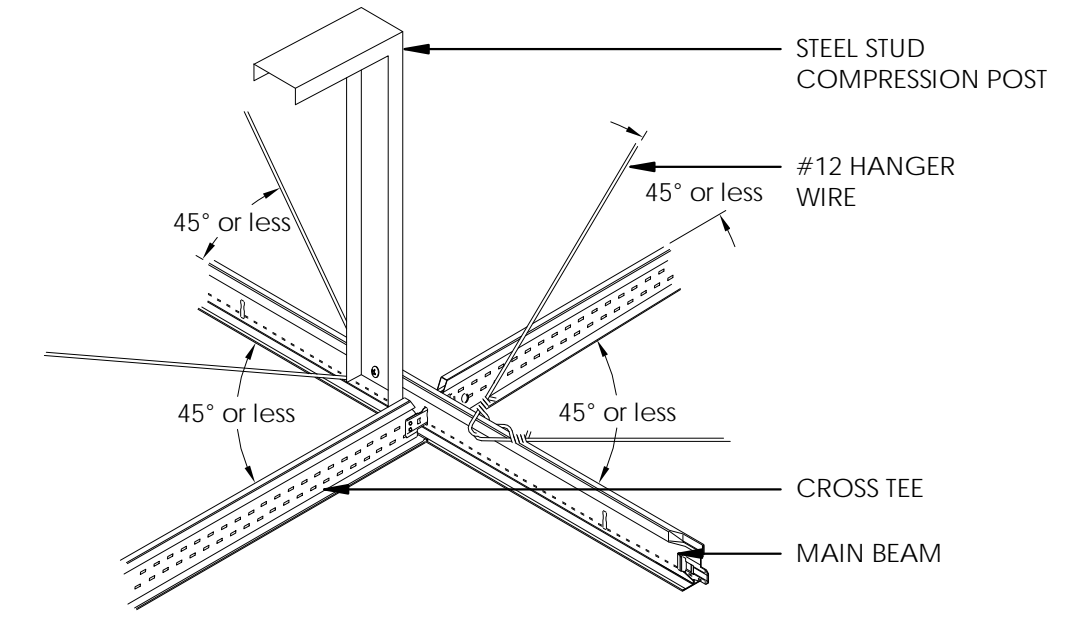
C5 CEILING - TYP. SUSPENDED GYP. BD.
3/4" = 1'-0"



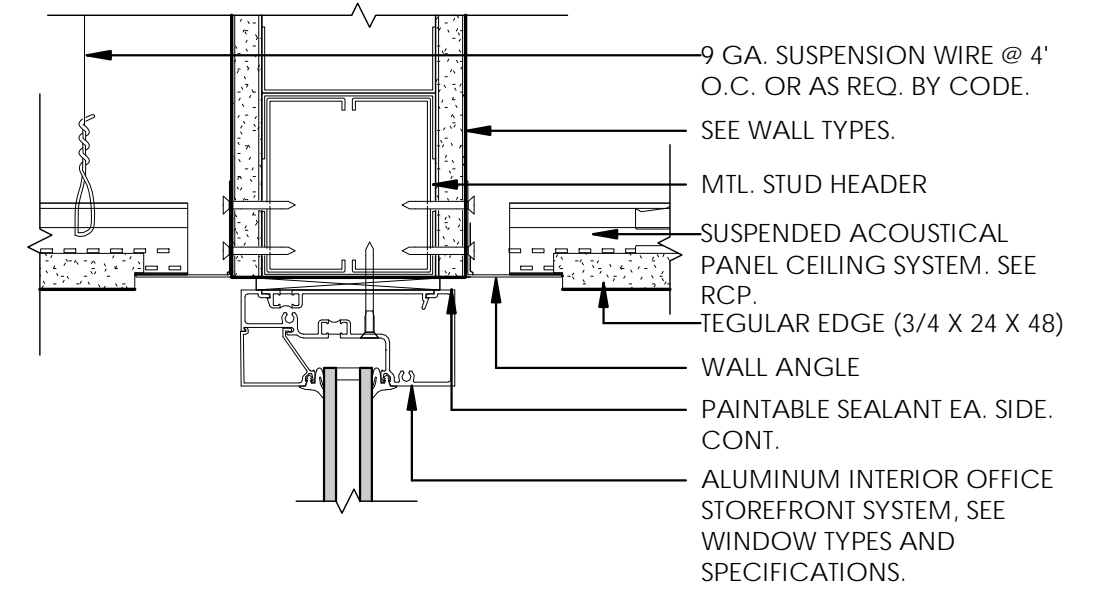
B3 ACOUSTIC @ SOFFIT WALL
3" = 1'-0"



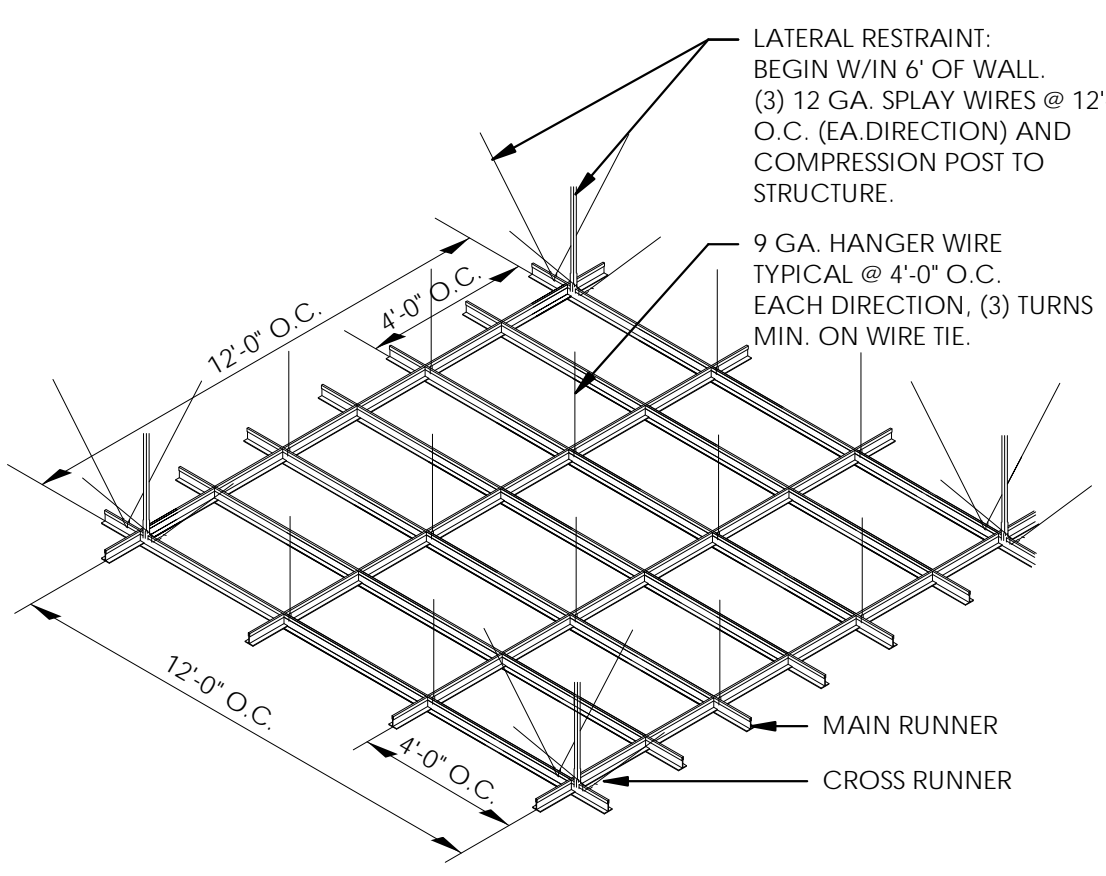
B4 TYP. CEILING ACCESS PANEL DETAIL
3" = 1'-0"



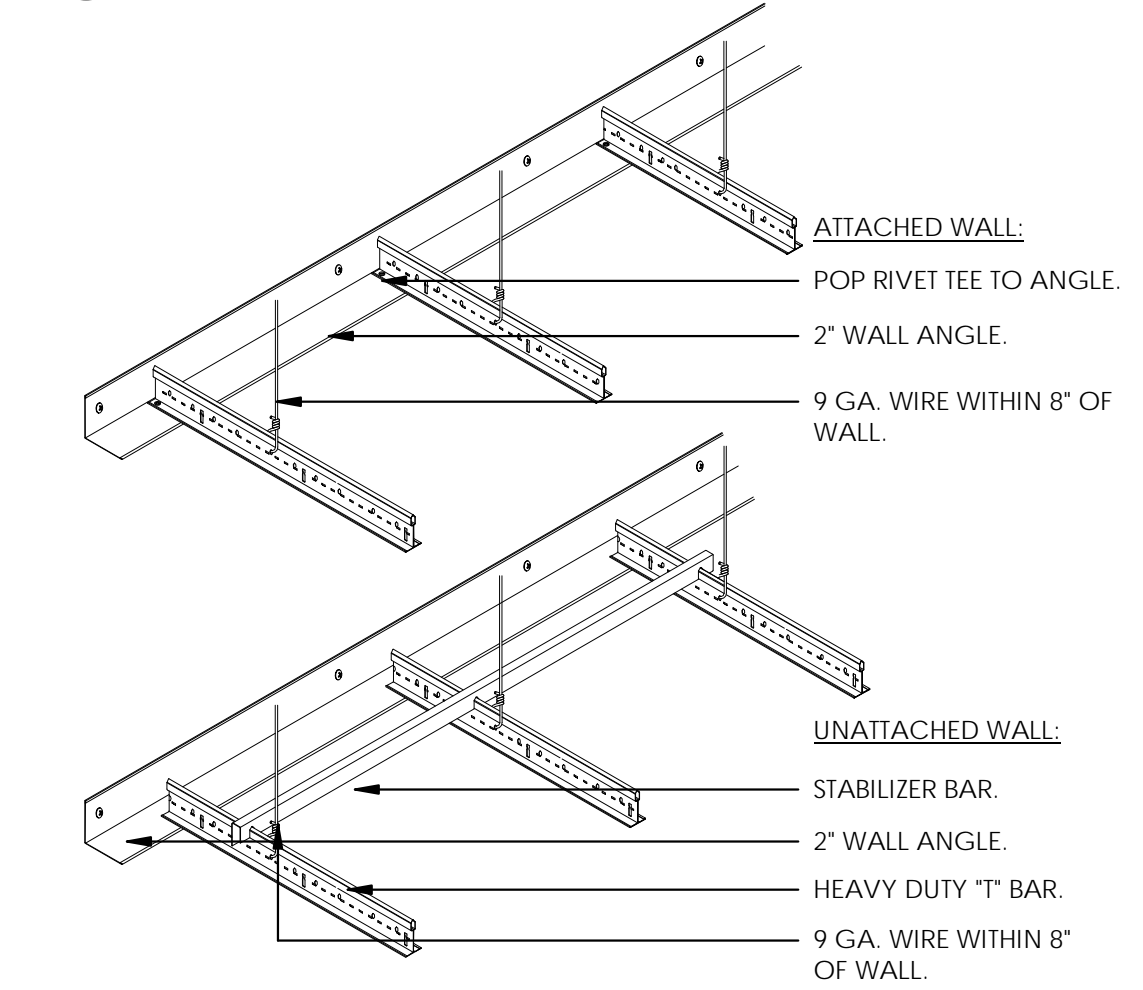
B5 TYP. SEISMIC CEILING BRACING
3" = 1'-0"



A3 ACOUSTIC TO STOREFRONT
3" = 1'-0"



A4 2' x 4' SUSPENDED CEILING BRACING, TYP.
3" = 1'-0"



A5 TYP. SEISMIC SUSPENDED CEILING DETAIL
3" = 1'-0"

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

KEY BANK TOWER
LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
DETAILS - CEILING

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ISSUE DATE: 06/05/19
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 CHECKED BY: K. RIGBY
 PROJECT#: 1904

SHEET NUMBER:

AE510

1

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6/5/2019 5:31:11 PM \\ajccorpvs04c1\users\black\Documents\1904.01_IHC_KBI_Level 10 and 16 v19_black.rvt
 ALL IDEAS, DESIGNS, ARRANGEMENTS OR PLANS NOTED OR REPRESENTED BY THE DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND WERE CREATED, DEVELOPED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION WITHOUT THE EXPRESS WRITTEN CONSENT OF AJC ARCHITECTS P.C. IS STRICTLY PROHIBITED.

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

KEY BANK TOWER
 LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

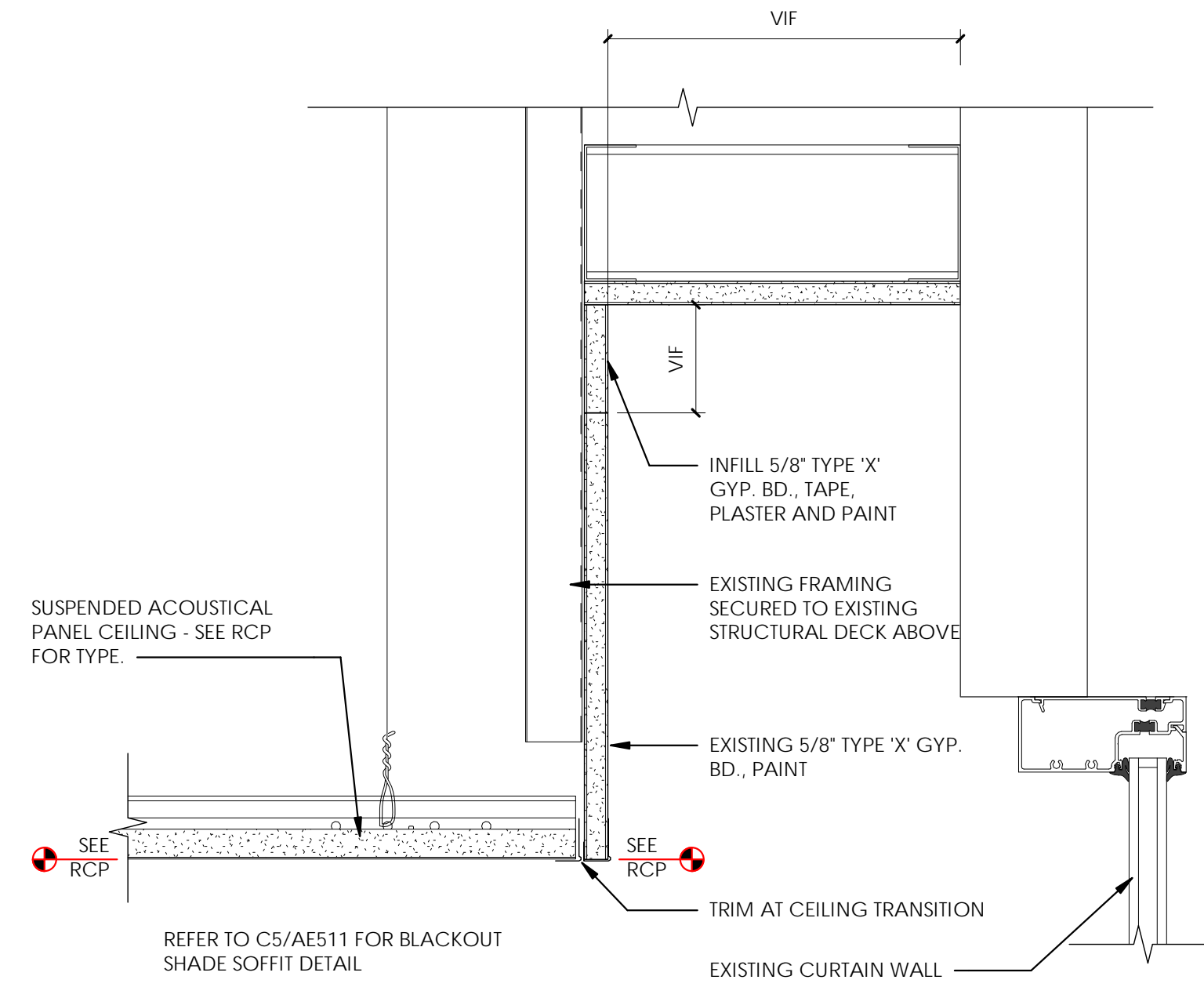
SHEET NAME:
 DETAILS - CEILING

REVISIONS		
MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

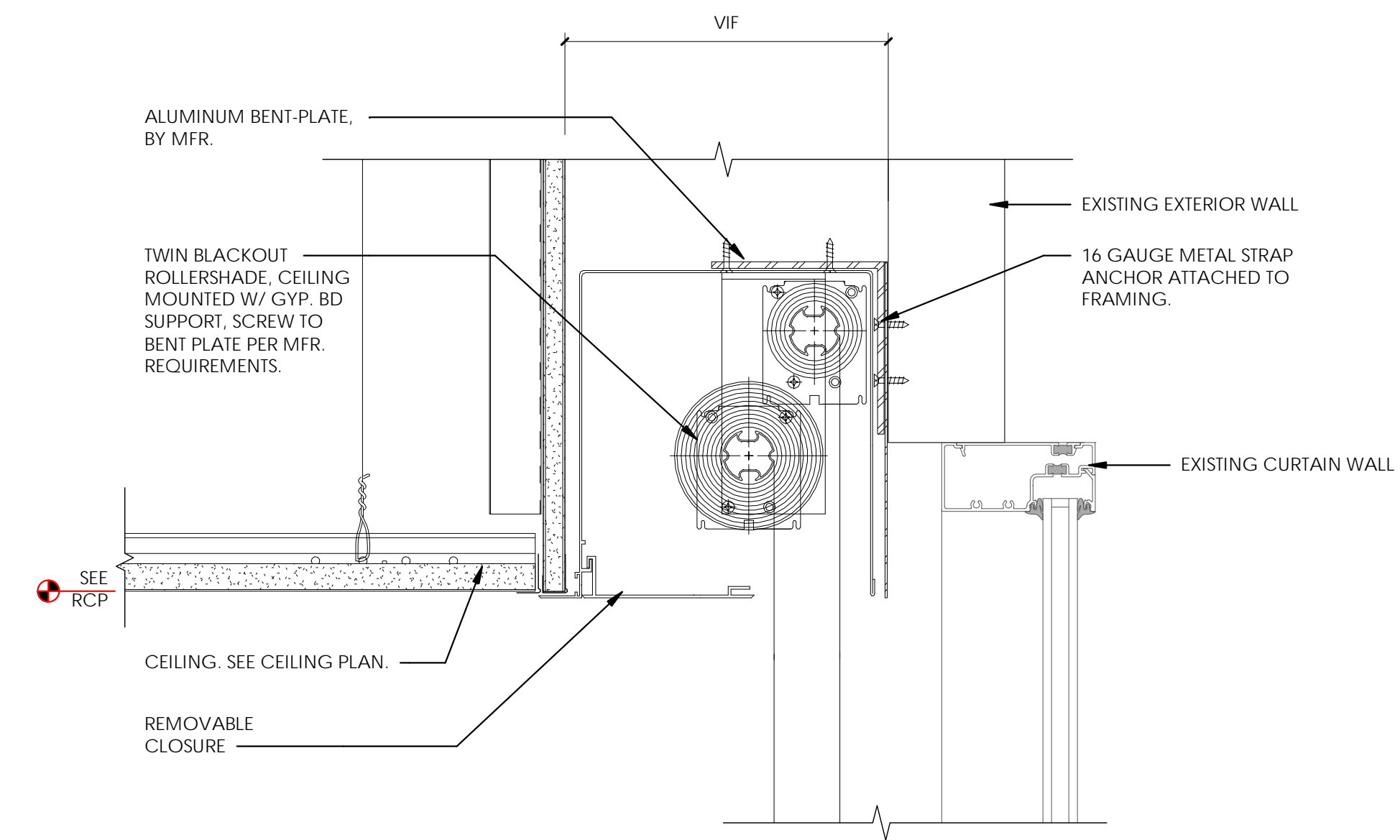
ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: Author
 CHECKED BY: Checker
 PROJECT#: 1904

SHEET NUMBER:

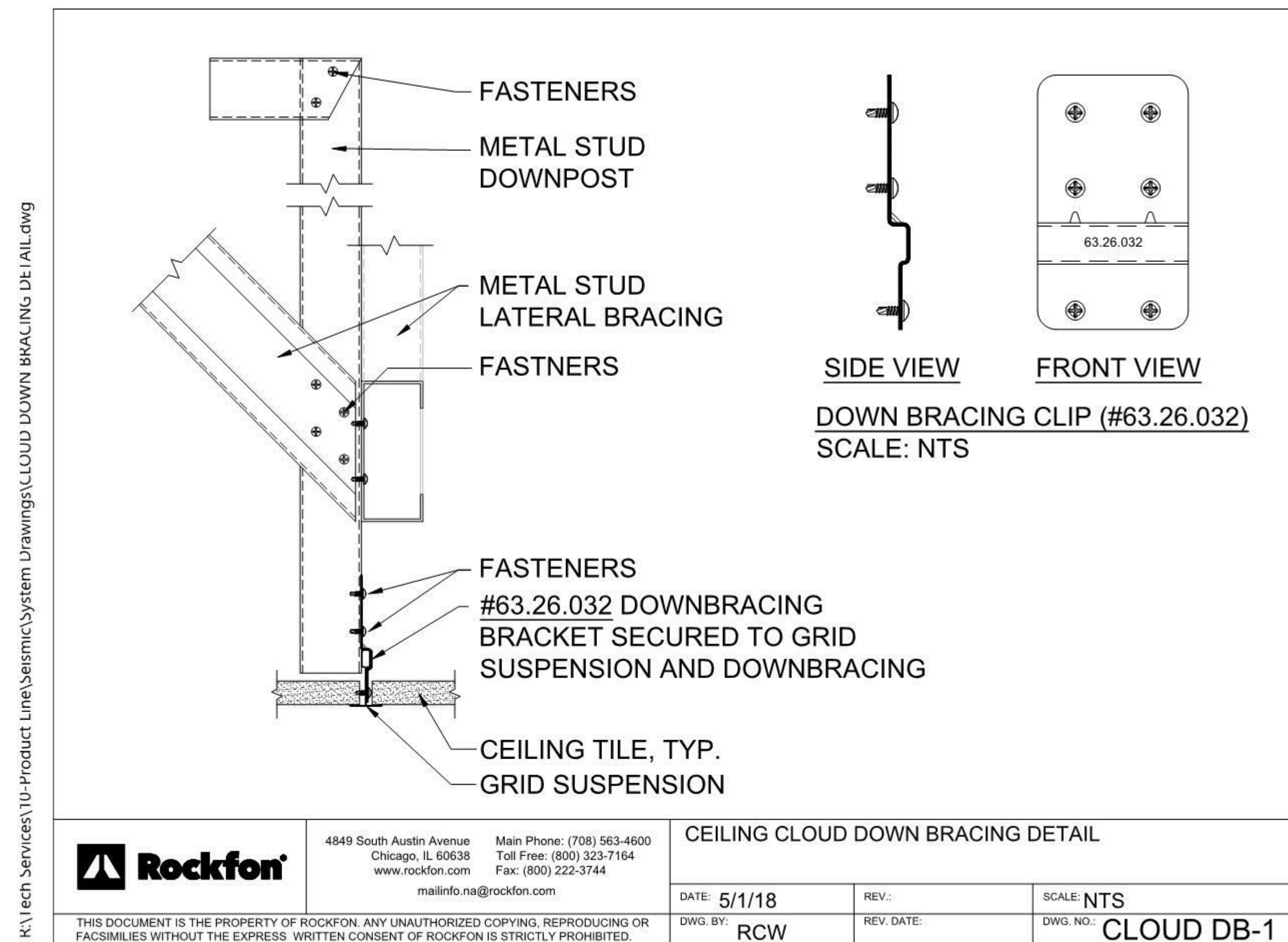
AE511



C3 CEILING - PERIMETER GYP. SOFFIT
 3" = 1'-0"

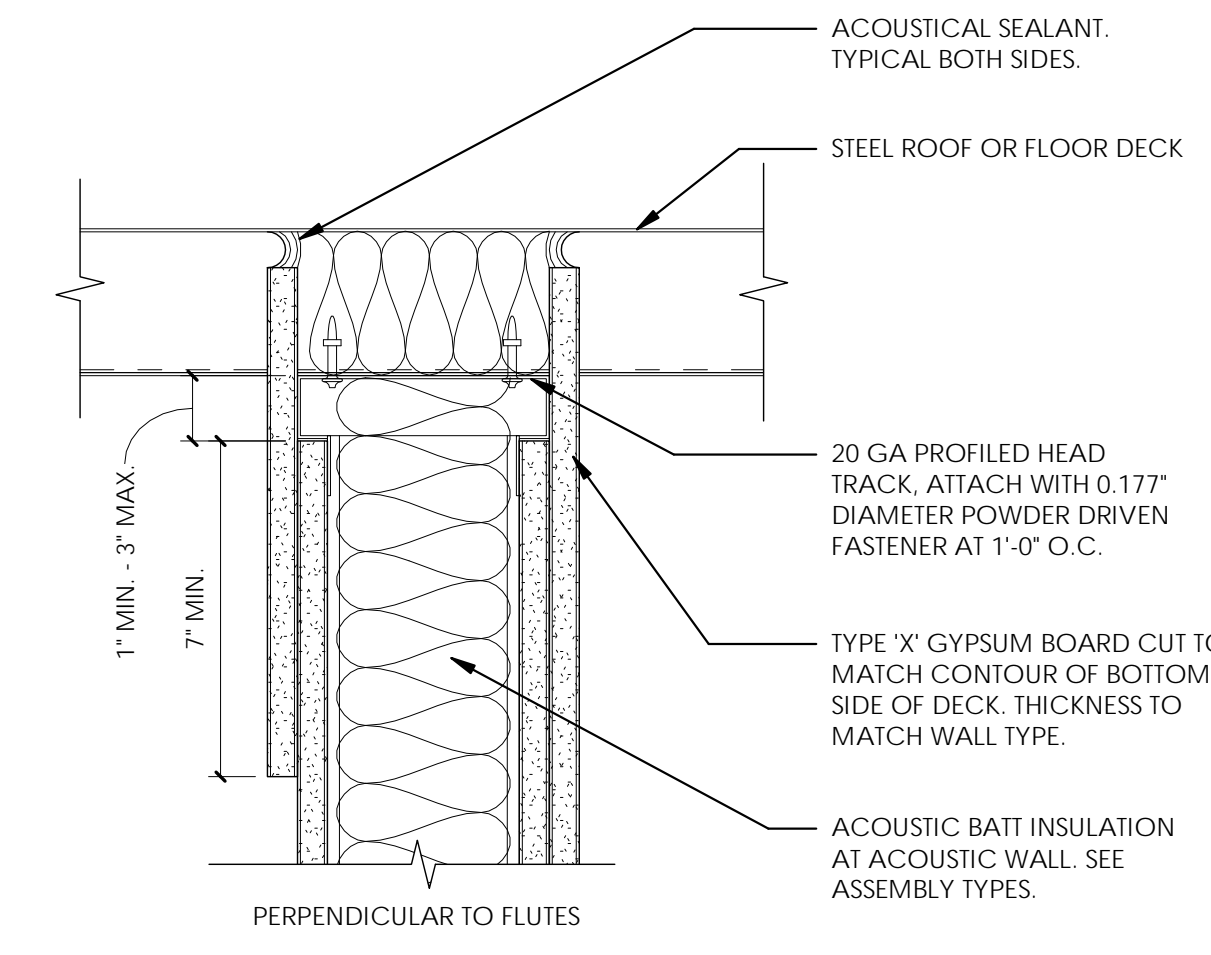


C5 CEILING - BLACKOUT SHADE POCKET
 3" = 1'-0"

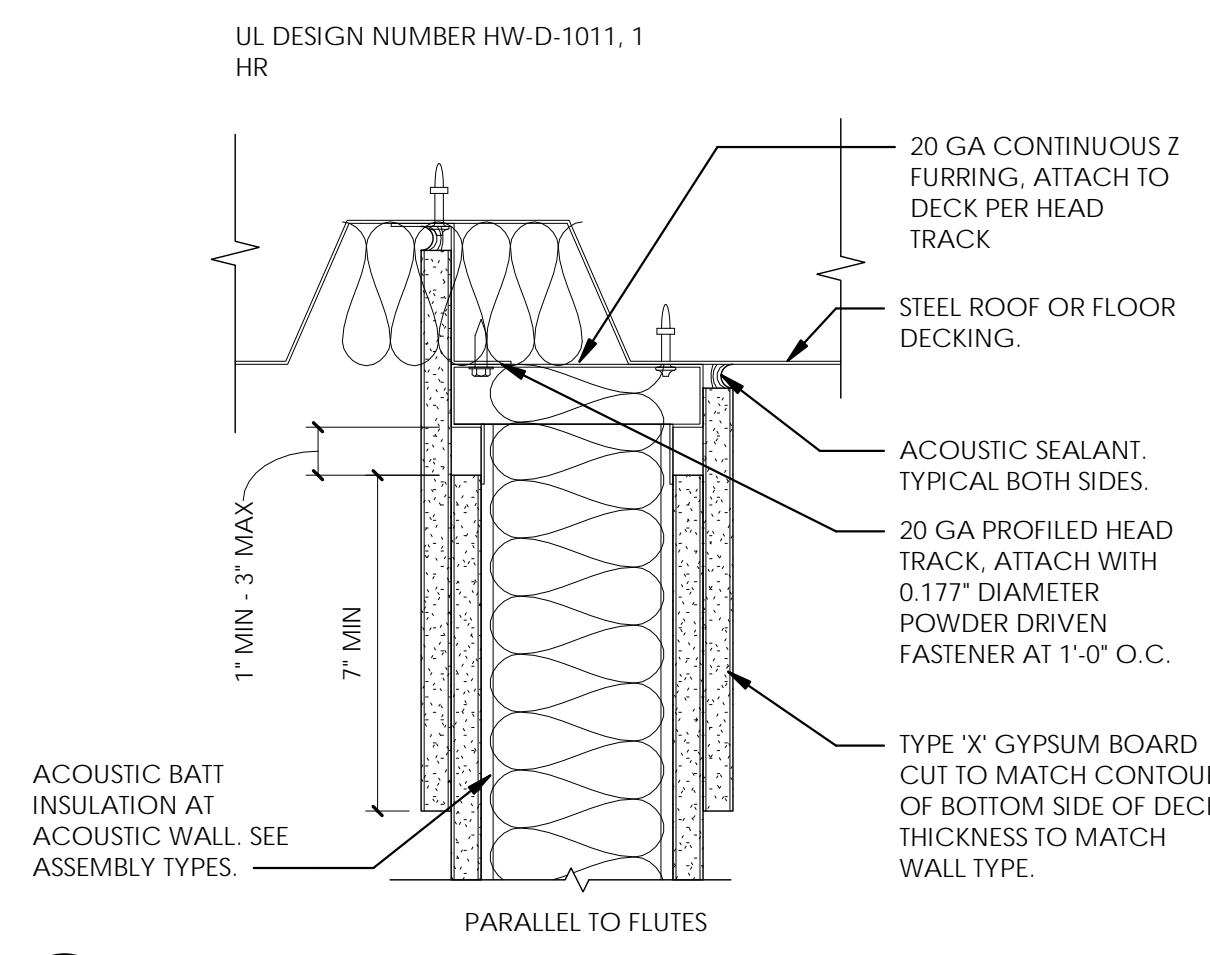


A3 SEISMIC BRACING FOR WOOD SLAT CEILING (TYPICAL)
 3/4" = 1'-0"

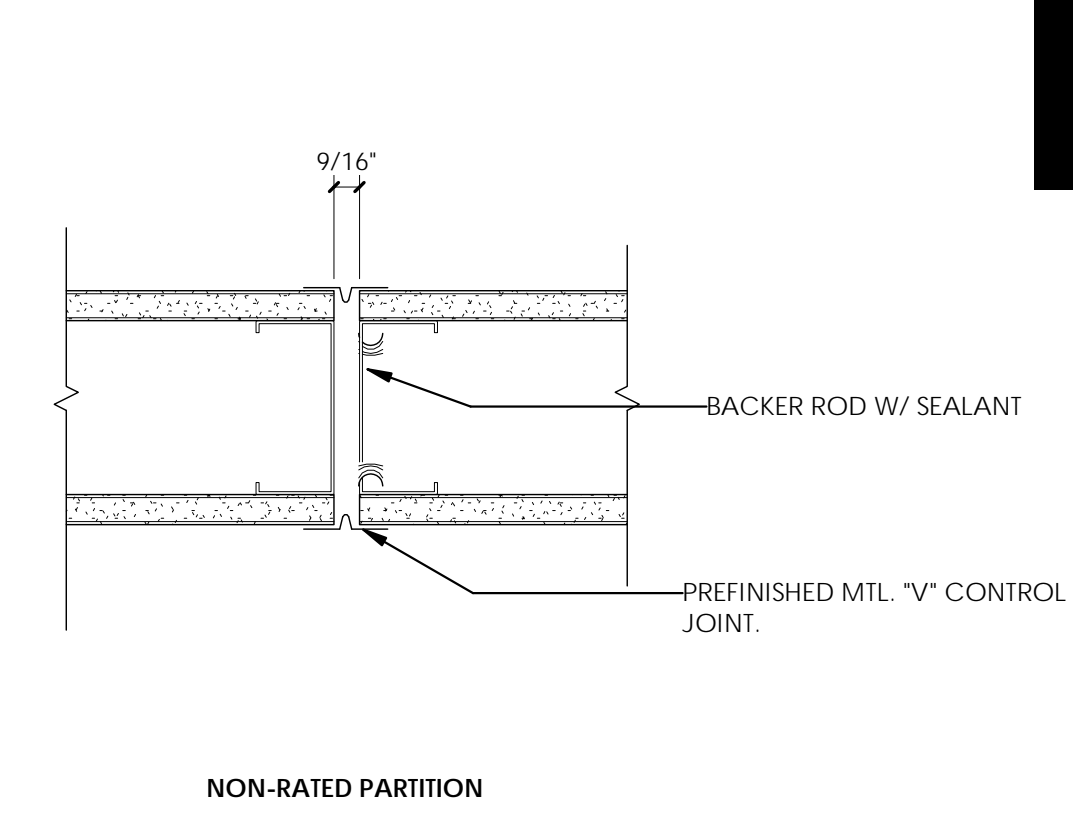
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 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS NOTICED OR REPRESENTED BY THE PROPERTY OF AJC ARCHITECTS P.C. ARE WISE, CREATED, DEVELOPED, AND DEVELOPED FOR THE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DECIDED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION OR DISSEMINATION OF THESE DRAWINGS WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS P.C. IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED DISSEMINATION MAY CONSTITUTE TRADE SECRET VIOLATION UNDER 18 U.S.C. SEC. 1832.



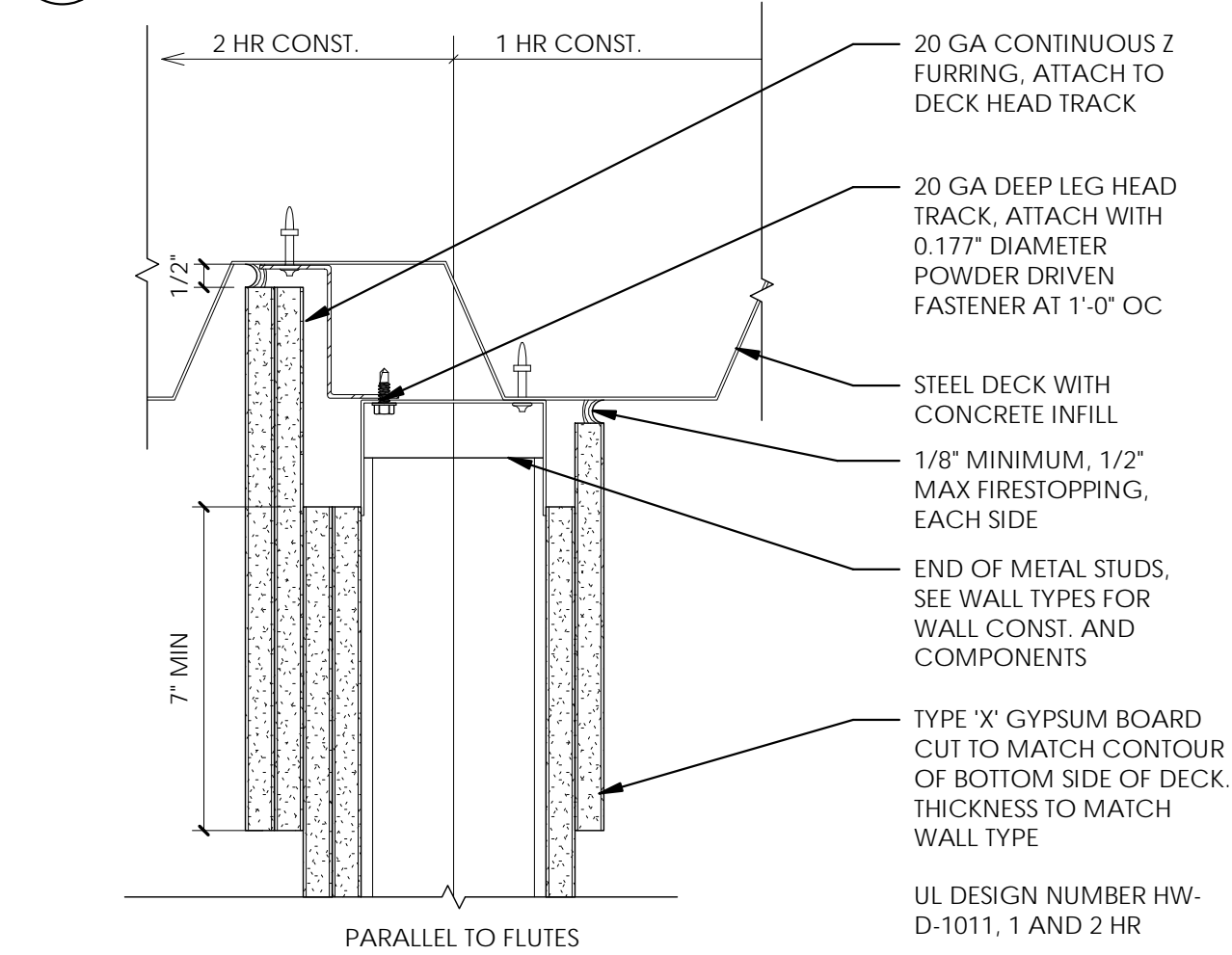
D3 HEAD TRACK AT EXISTING DECK (PERPENDICULAR)
 3" = 1'-0"



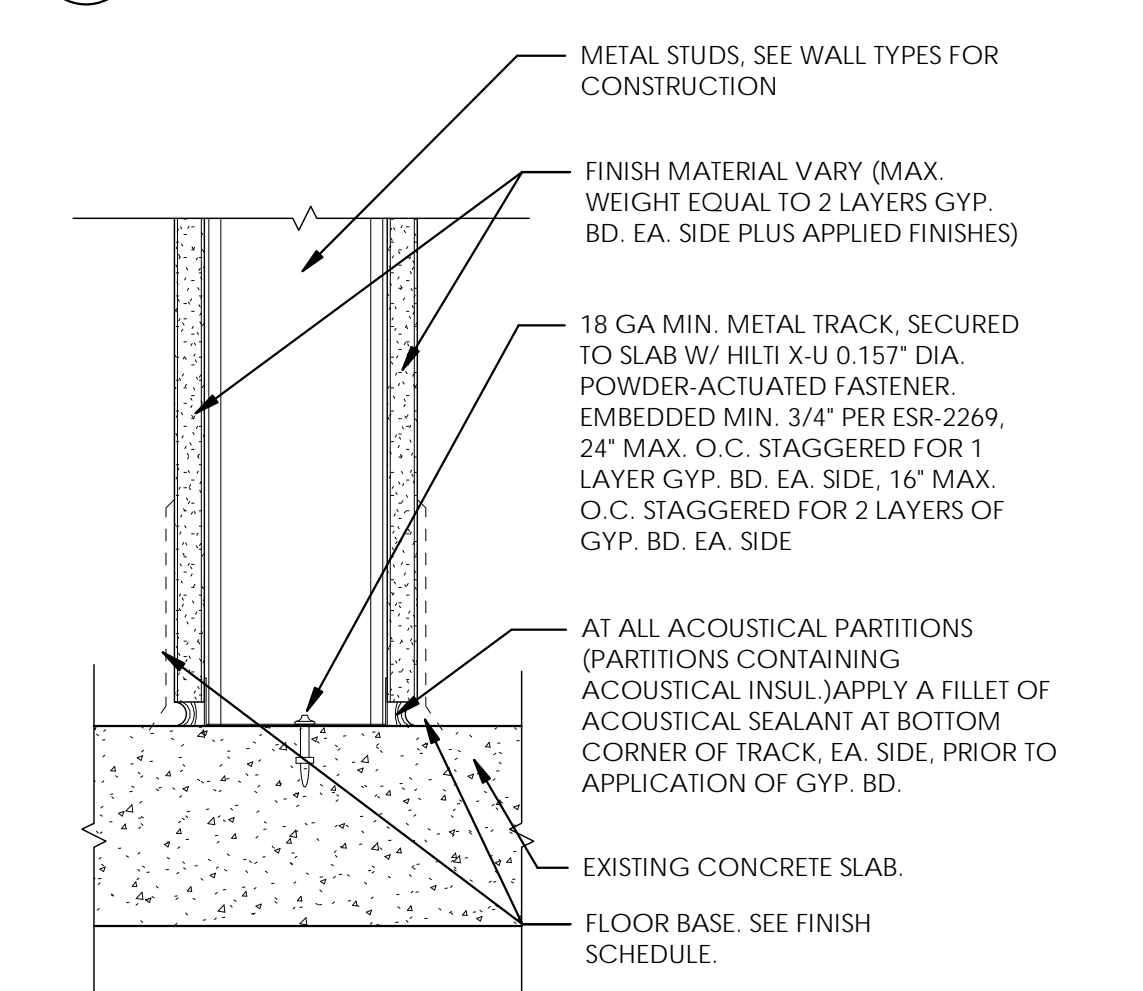
D4 HEAD TRACK AT EXISTING DECK (PARALLEL)
 3" = 1'-0"



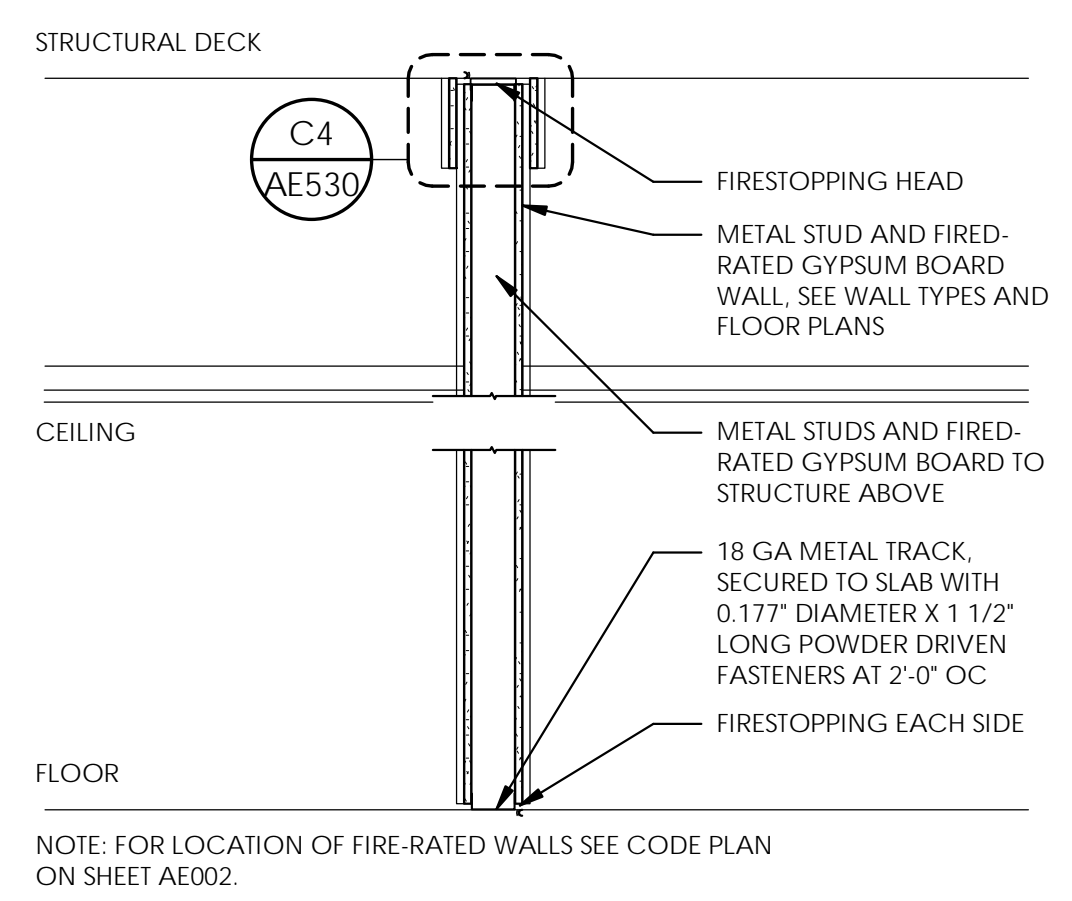
D5 TYP. CONTROL JOINT-GYP.BD
 3" = 1'-0"



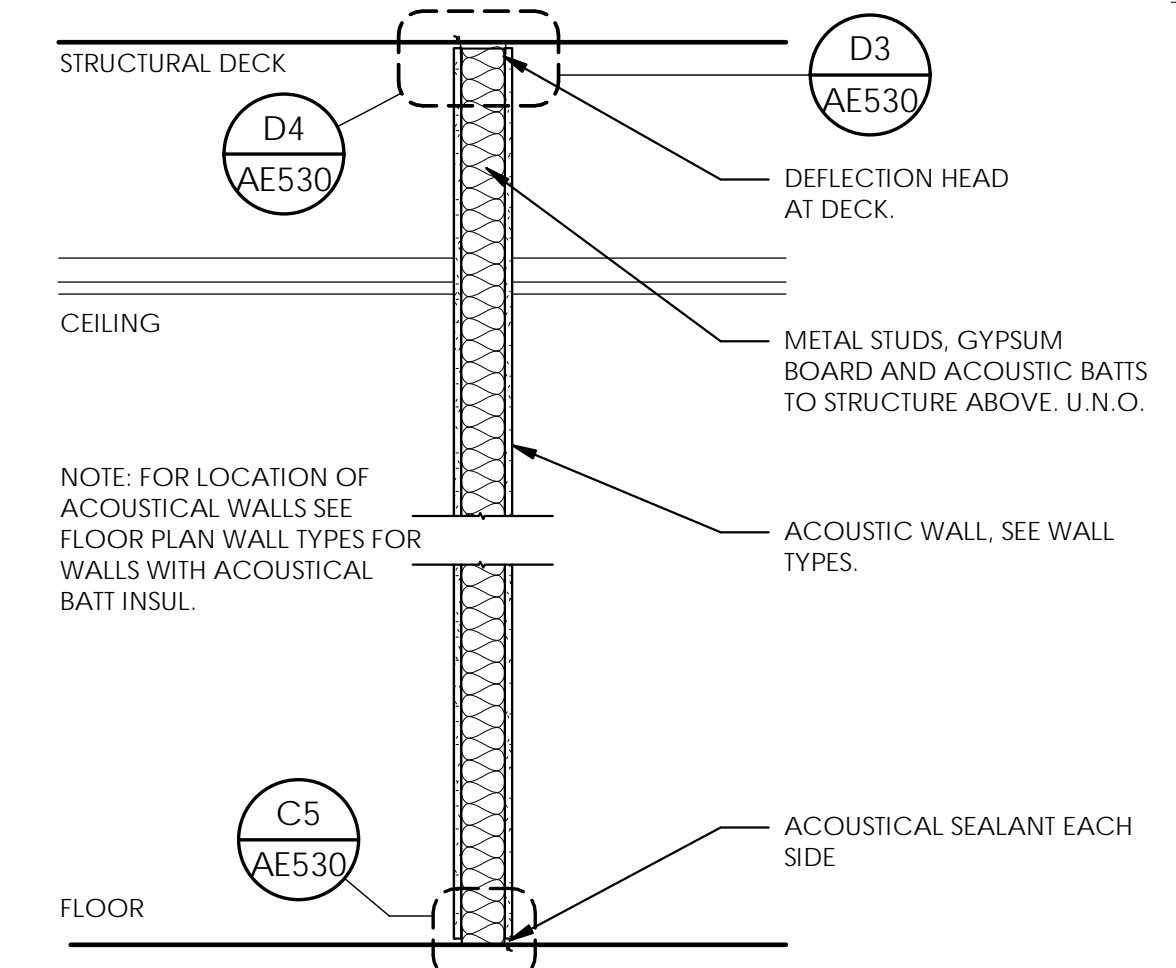
C4 RATED HEAD @ DECK
 3" = 1'-0"



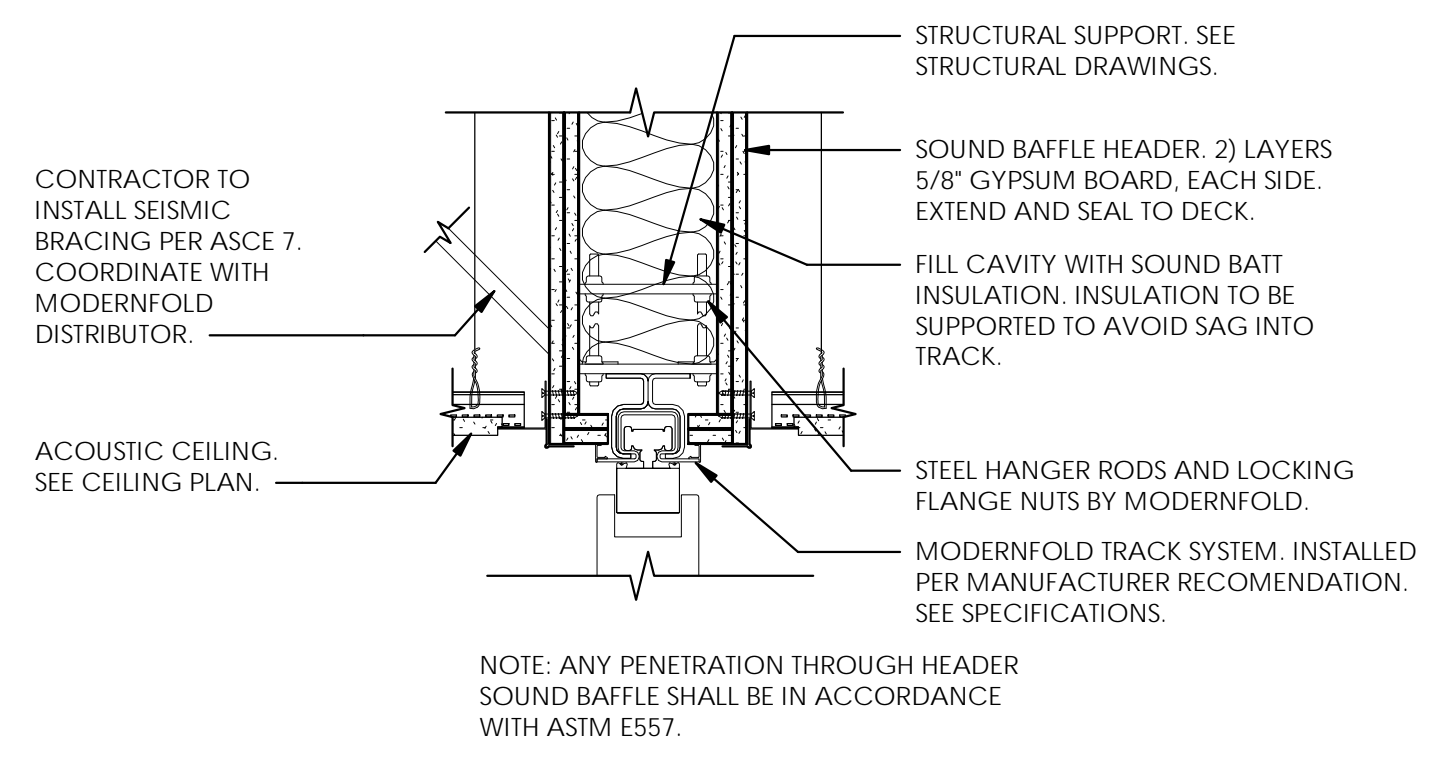
C5 TYP. FRAMED WALL BASE
 3" = 1'-0"



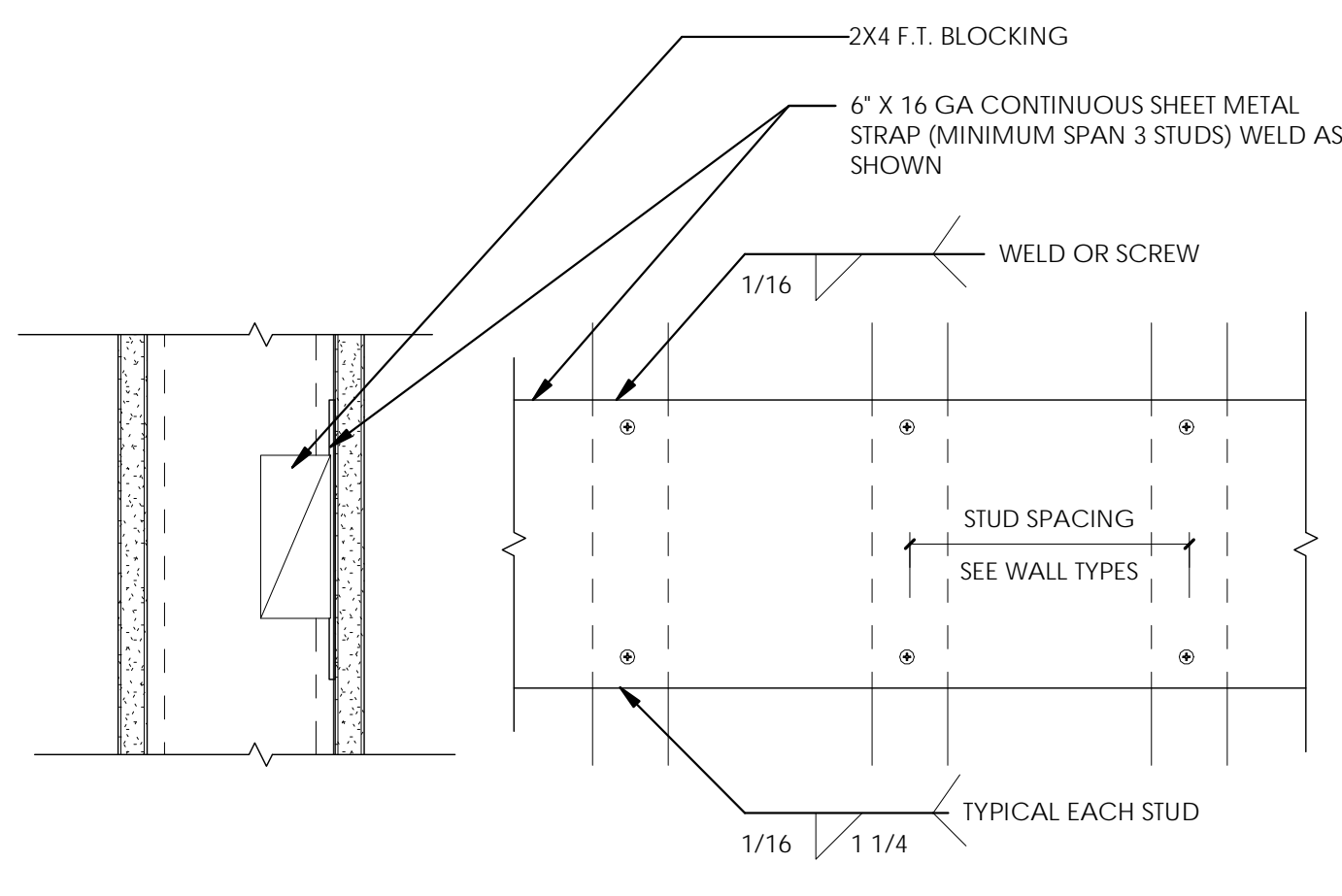
B4 TYPICAL FIRE-RATED WALL
 3/4" = 1'-0"



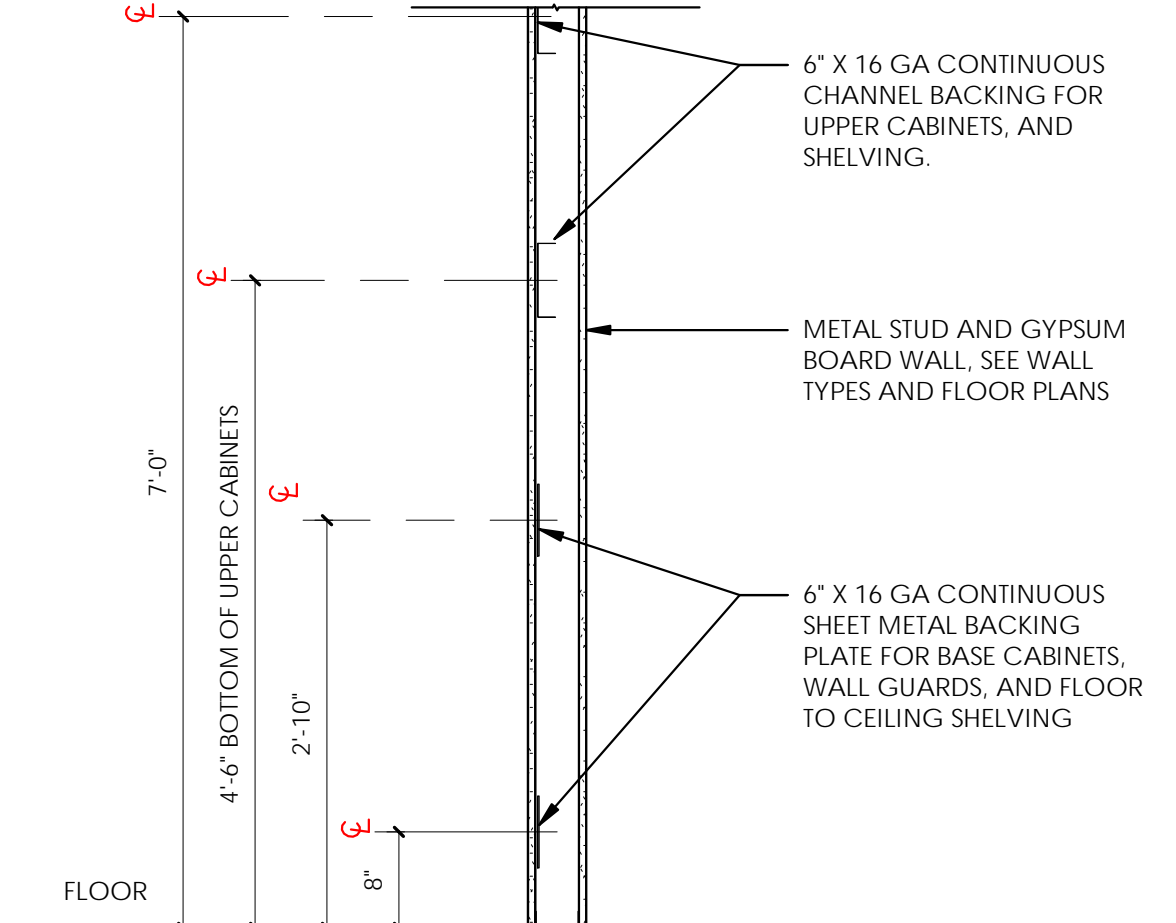
B5 TYPICAL ACOUSTICAL WALL
 3/4" = 1'-0"



A2 WALL - MODERNFOLD HEAD
 1 1/2" = 1'-0"



A4 TYPICAL BACKING STRAPS/BLOCKING
 3" = 1'-0"



A5 BLOCKING/BACKING/STRAPS
 3/4" = 1'-0"

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
KEY BANK TOWER LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
DETAILS - WALLS

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: ajc
 CHECKED BY: K. RIGBY
 PROJECT#: 1904

SHEET NUMBER:

AE530

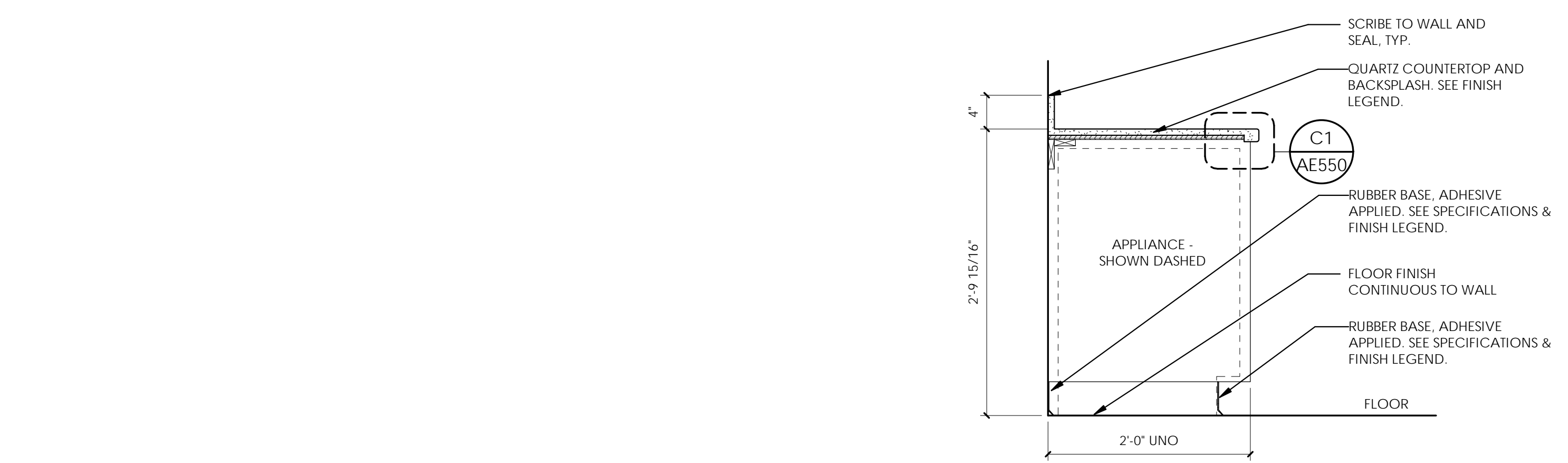
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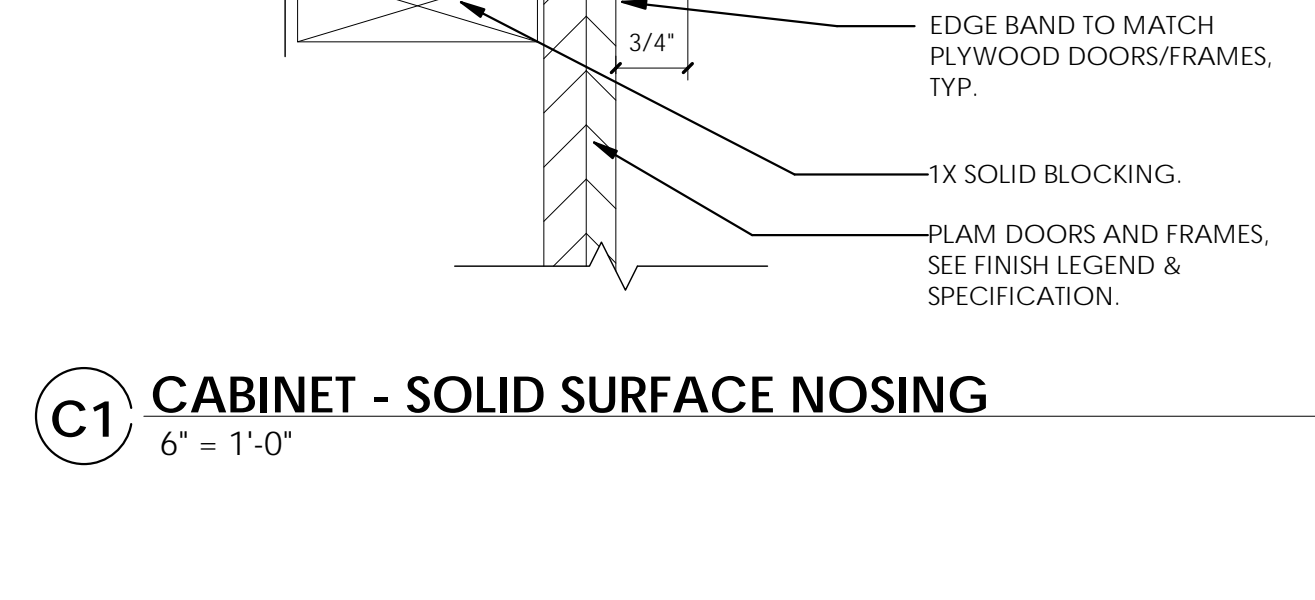
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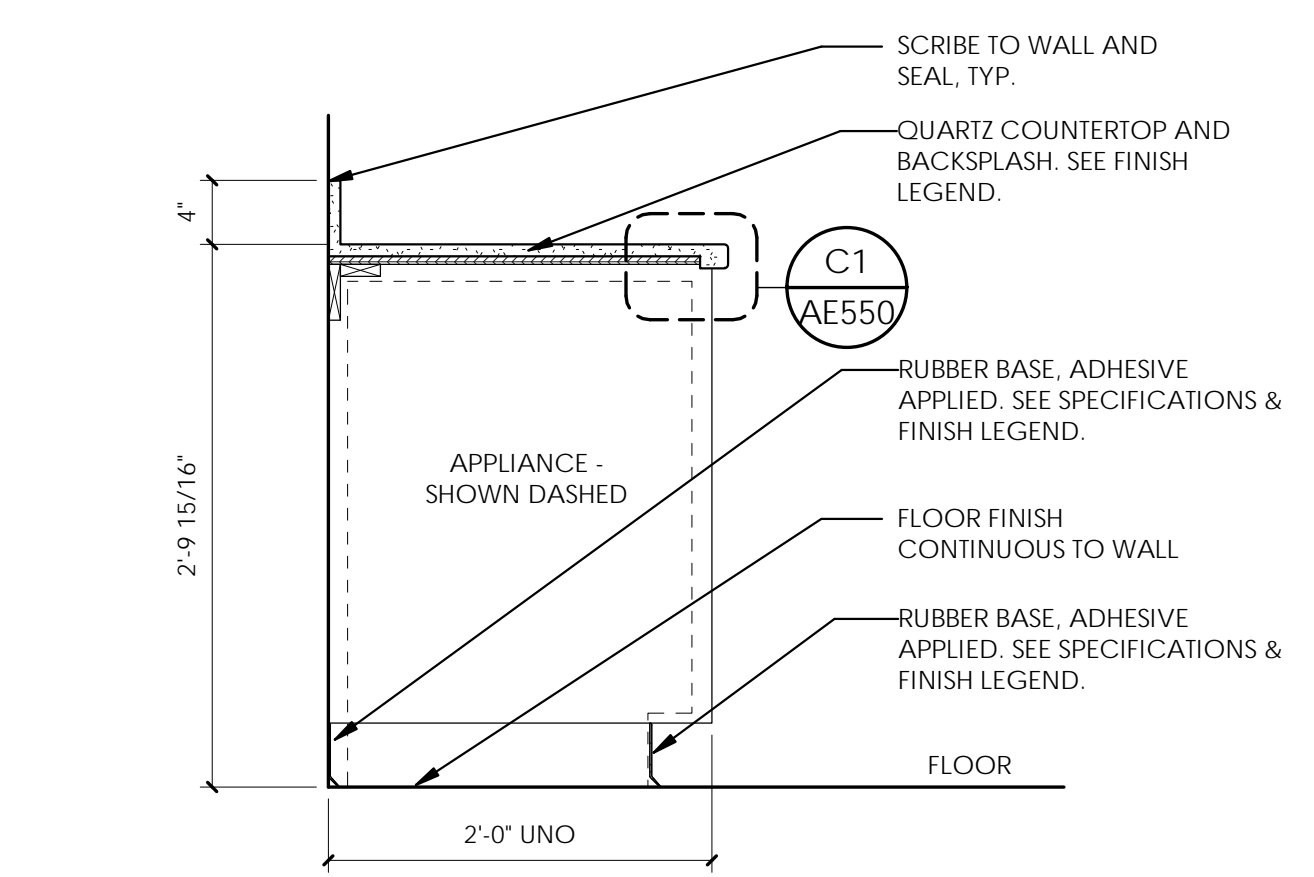
C1 CABINET - SOLID SURFACE NOSING
6" = 1'-0"



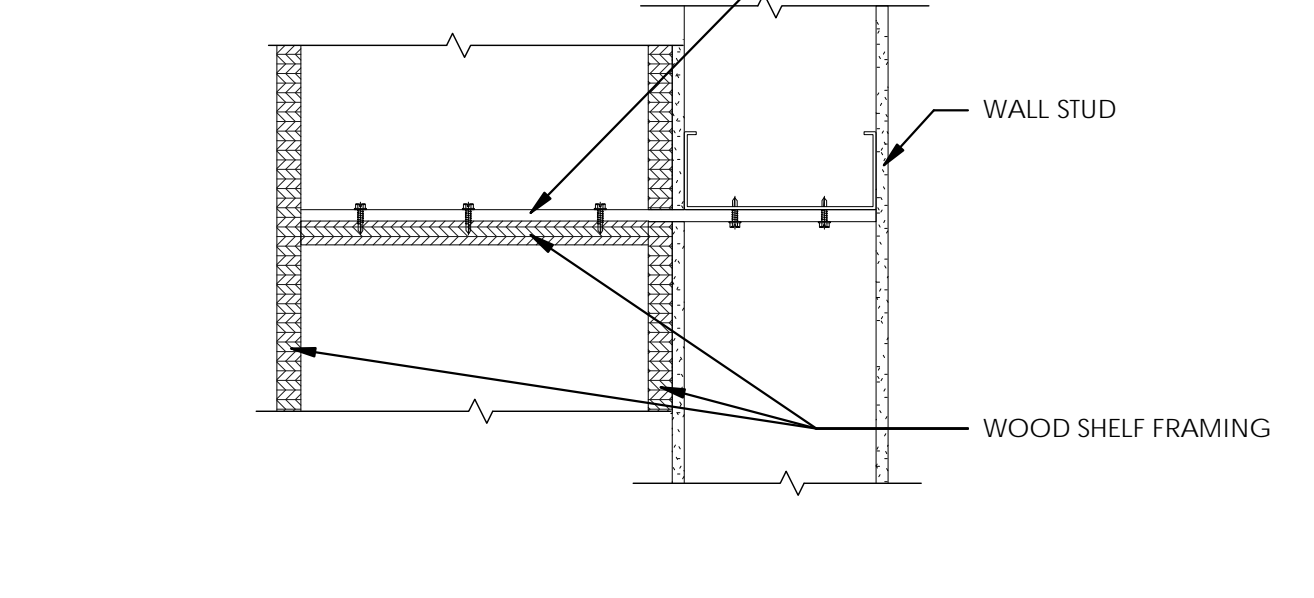
B1 WALL - COUNTERTOP ANCHOR DETAIL
1" = 1'-0"



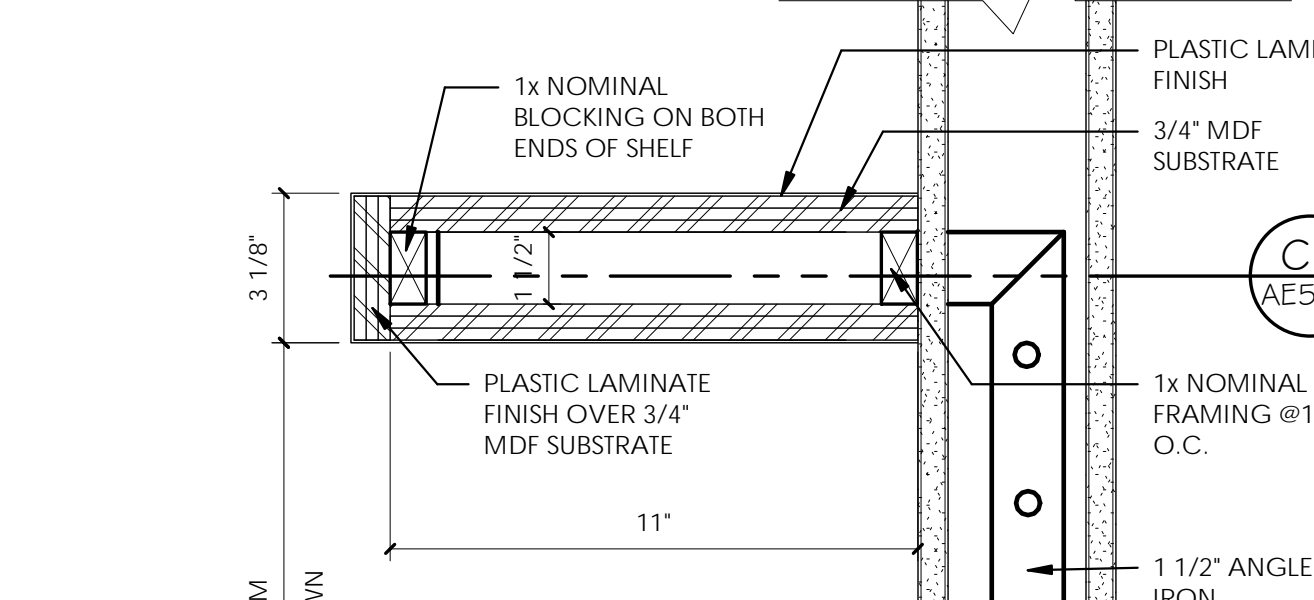
A1 WALL - WALL MOUNTED COUNTERTOP
1" = 1'-0"



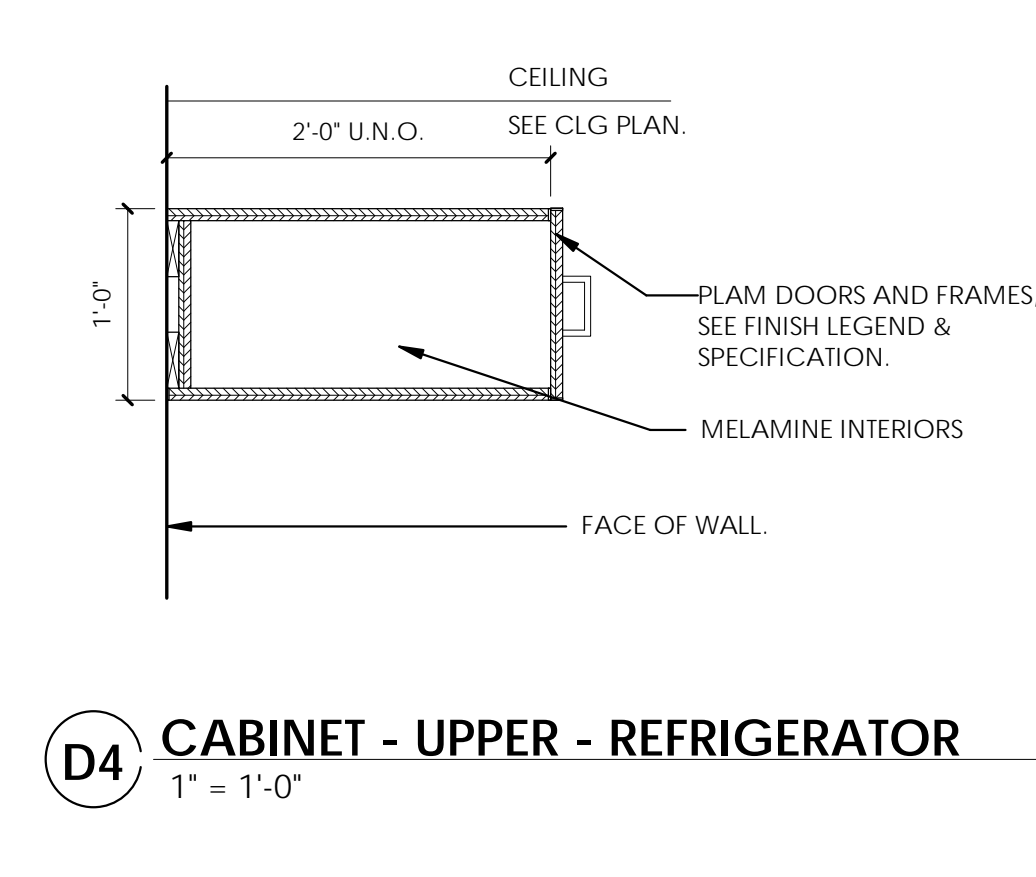
D2 CABINET - BASE AT APPLIANCE
1" = 1'-0"



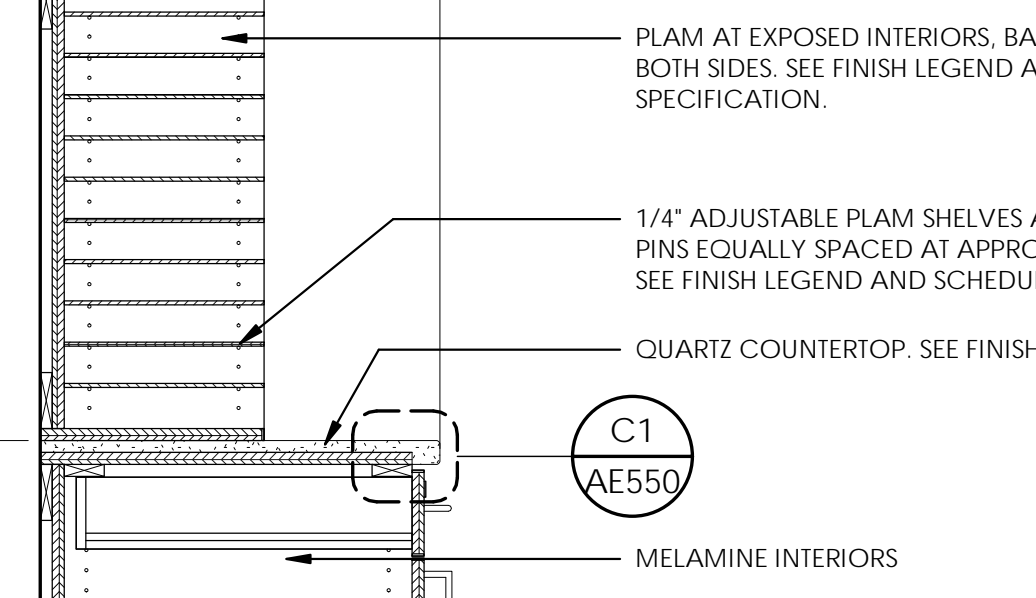
C2 FLOATING SHELF SECTION
3' = 1'-0"



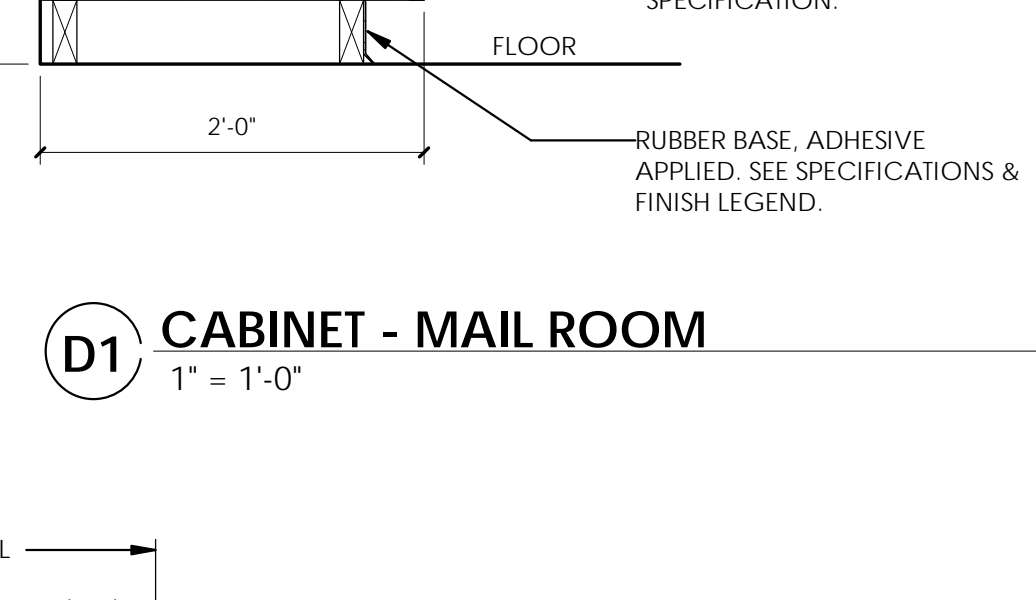
A2 FLOATING SHELF DETAIL
3' = 1'-0"



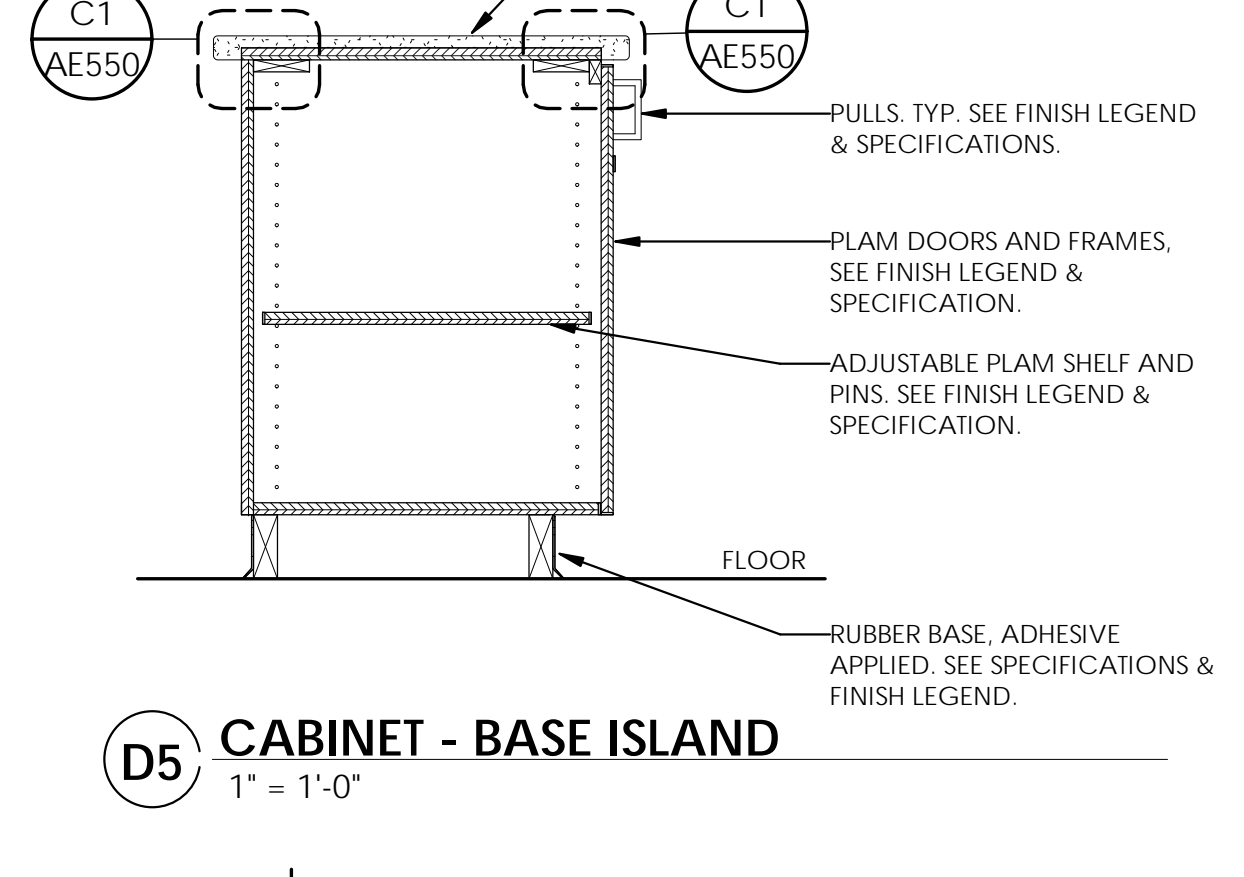
D4 CABINET - UPPER - REFRIGERATOR
1" = 1'-0"



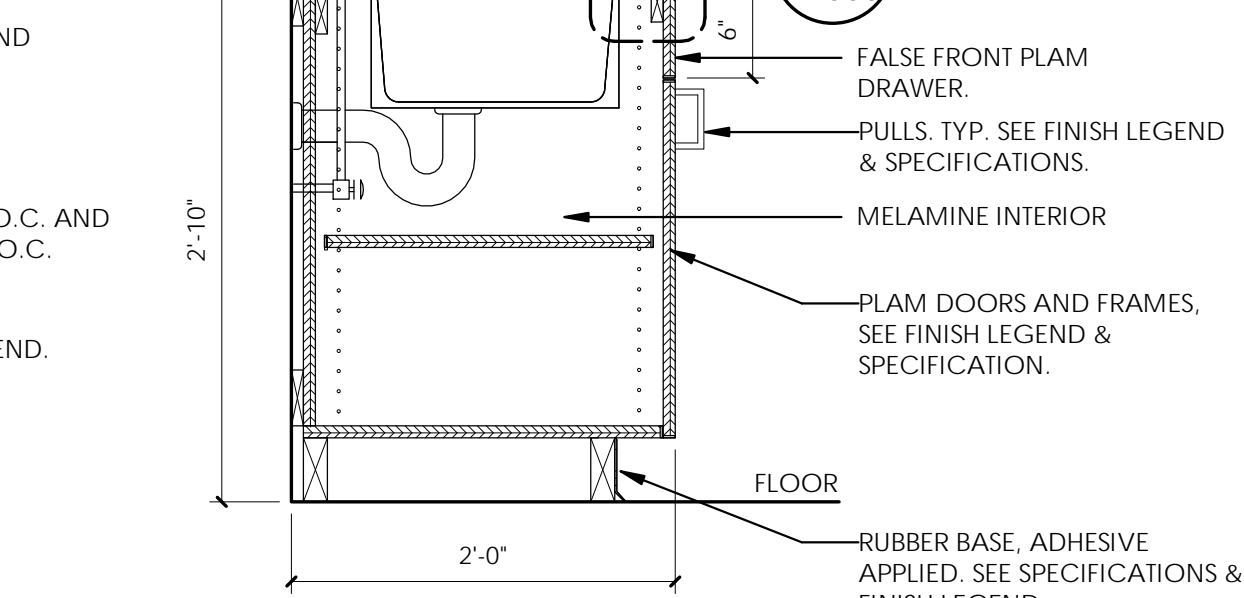
D1 CABINET - MAIL ROOM
1" = 1'-0"



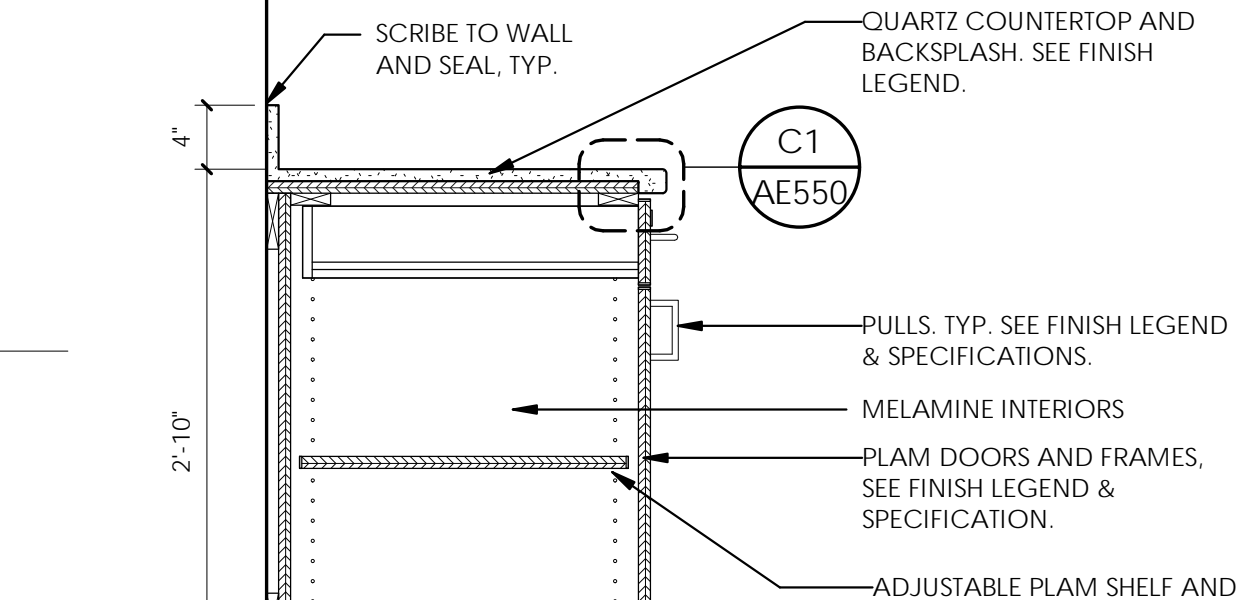
A4 CABINET - MICROWAVE UNIT
1" = 1'-0"



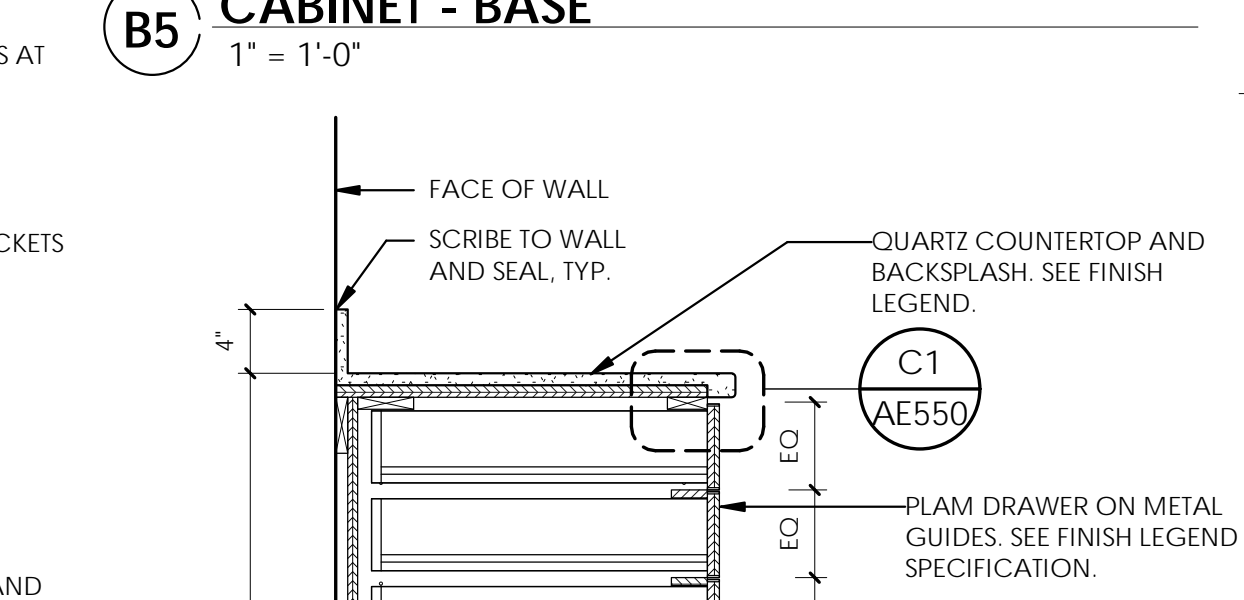
D5 CABINET - BASE ISLAND
1" = 1'-0"



C5 CABINET - SINK BASE
1" = 1'-0"



B5 CABINET - BASE
1" = 1'-0"



A5 CABINET - 5 DRAWER BASE
1" = 1'-0"

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
DETAILS - MILLWORK

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

AE550

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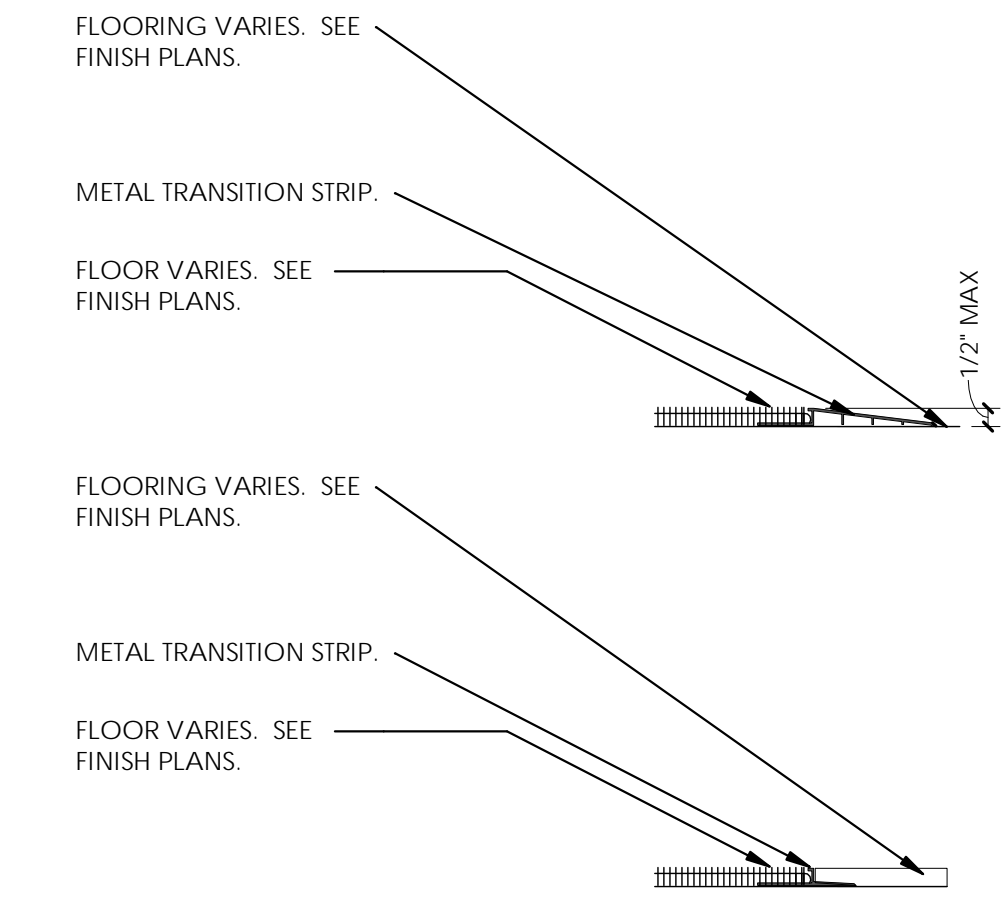
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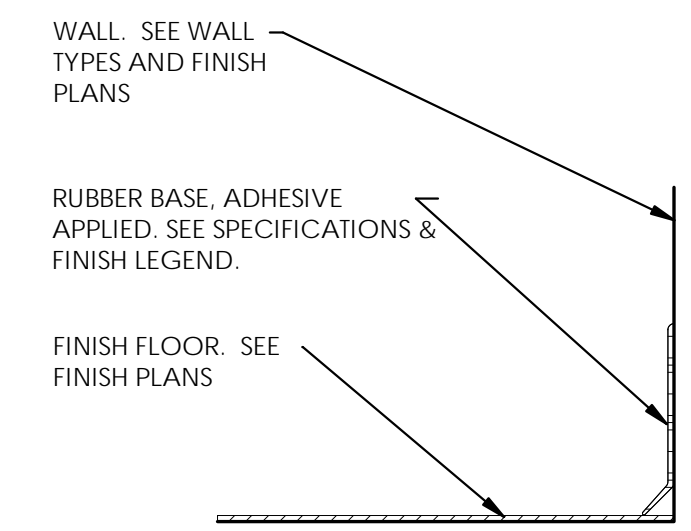
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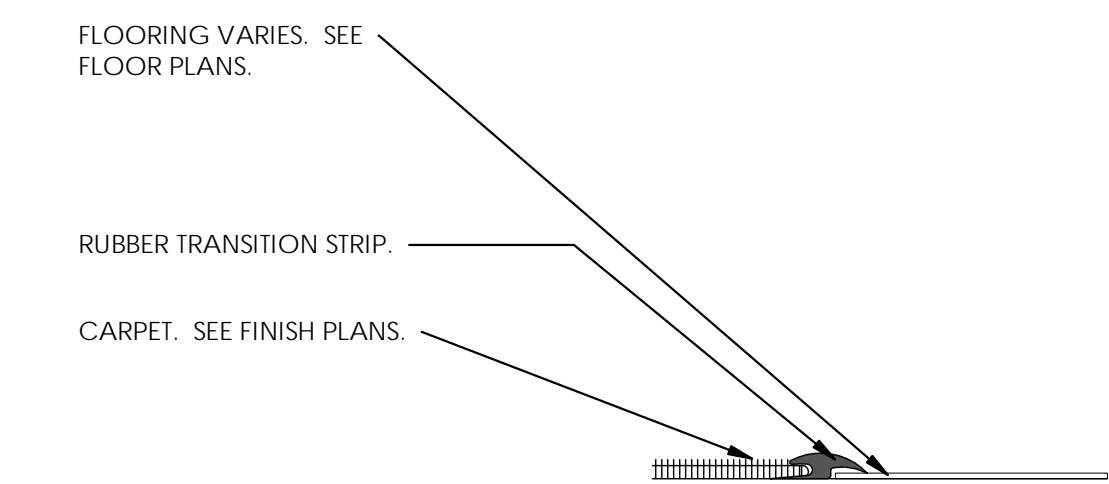
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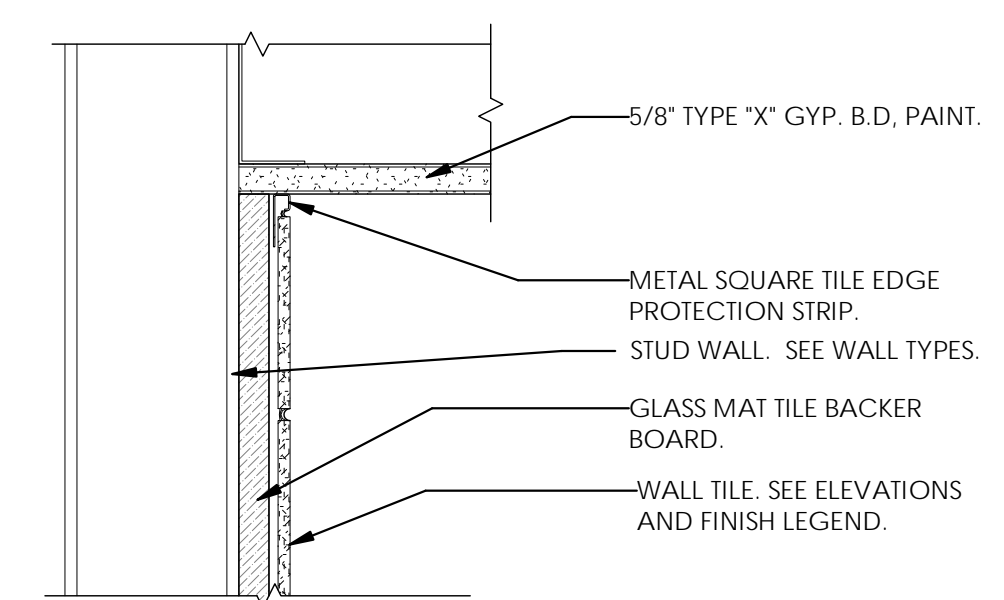
D5 METAL TRANSITION STRIP
3" = 1'-0"



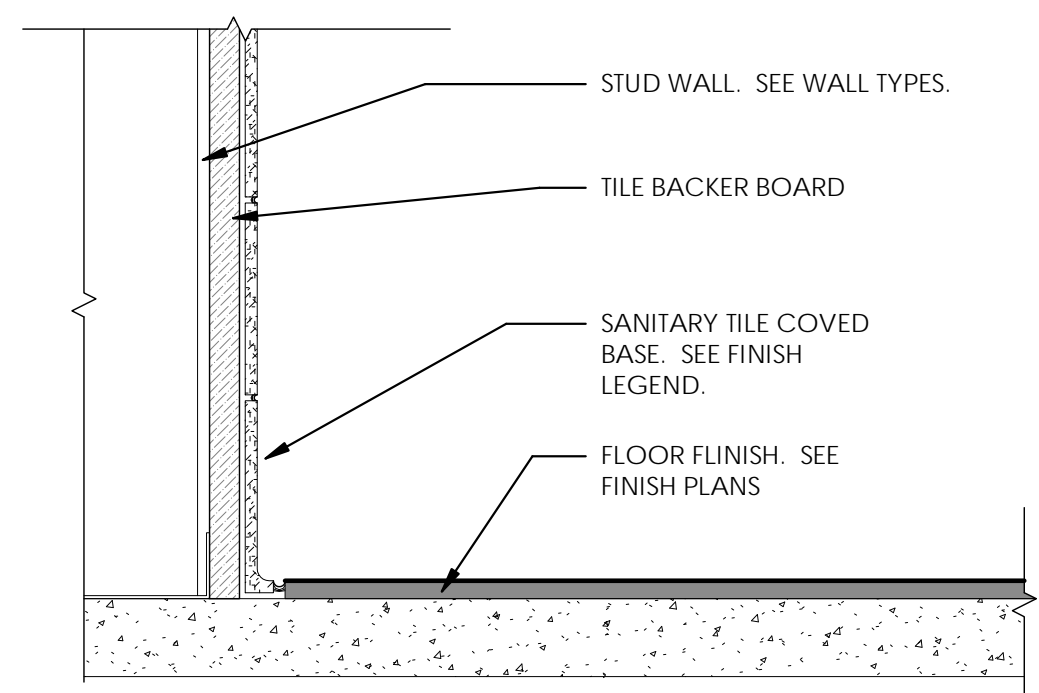
C5 BASE - RUBBER
3" = 1'-0"



B5 RUBBER TRANSITION STRIP
3" = 1'-0"

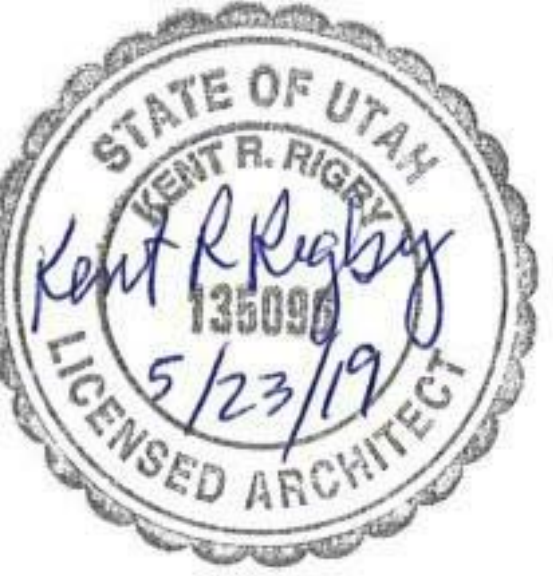


A4 TILE TRANSITION INSIDE CORNER / CEILING
3" = 1'-0"



A5 BASE - TILE
3" = 1'-0"

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
**DETAILS - MILLWORK &
FINISH**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

AE560

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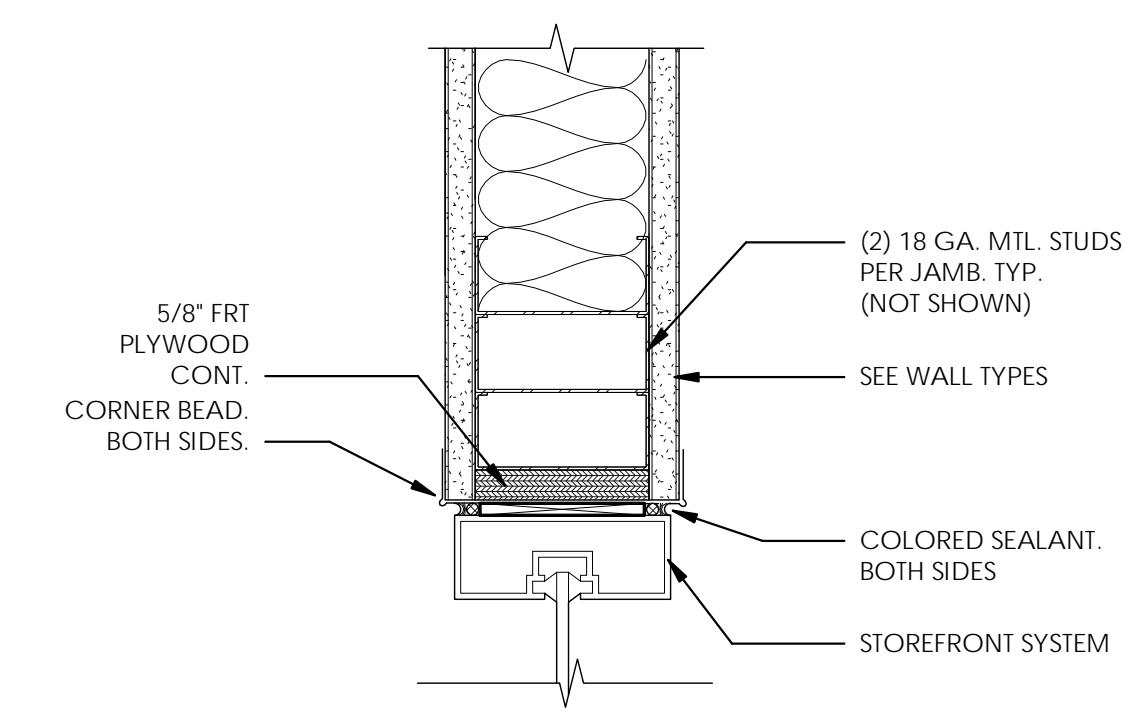
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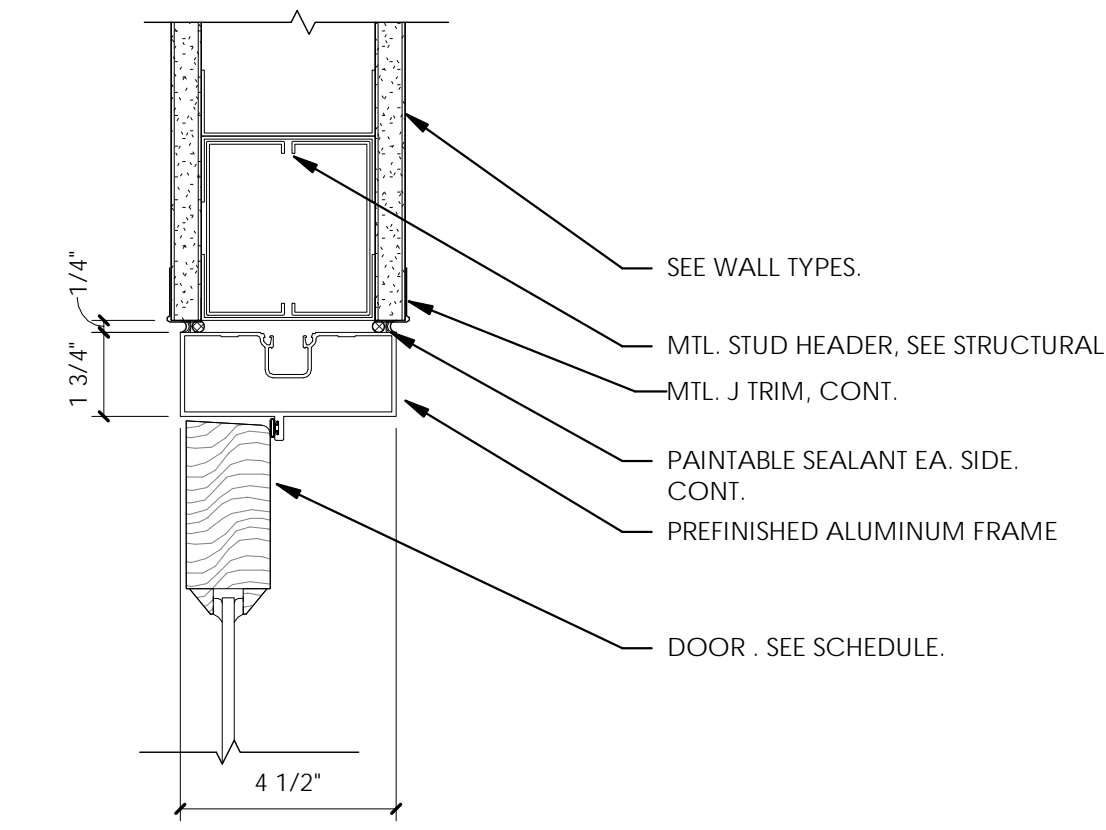
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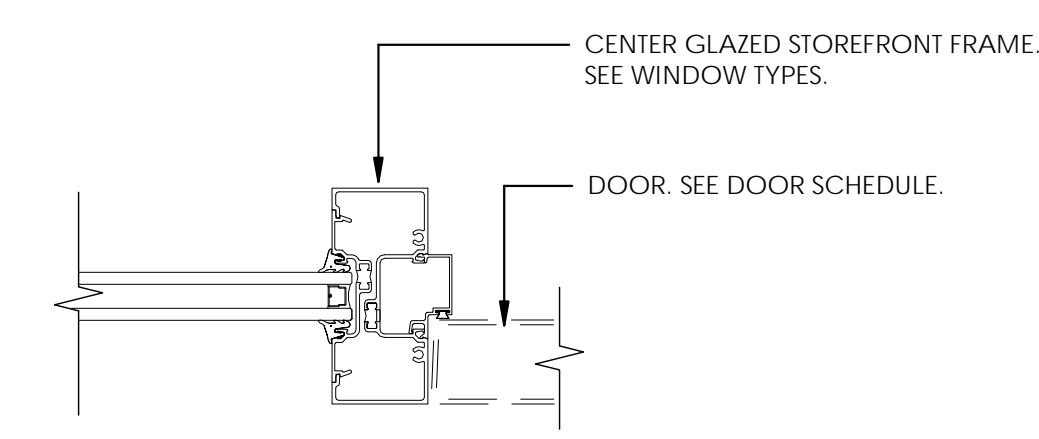
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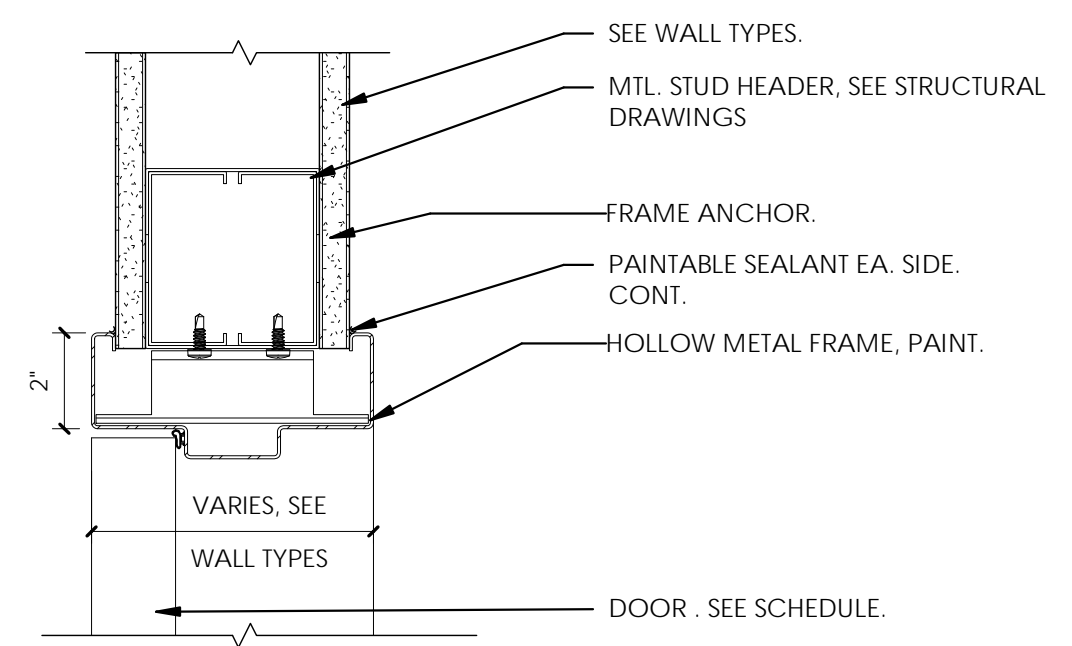
D5 STOREFRONT - HEAD @ GYP BD.
3" = 1'-0"



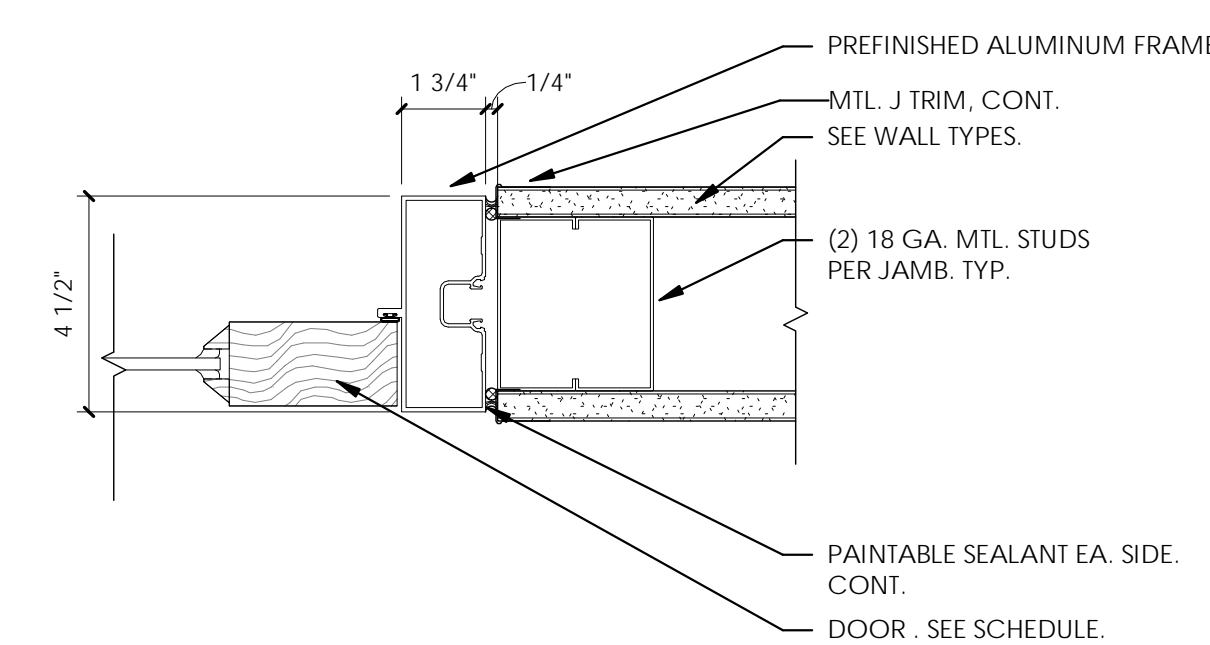
C4 DOOR - STOREFRONT HEAD @ GYP BD
3" = 1'-0"



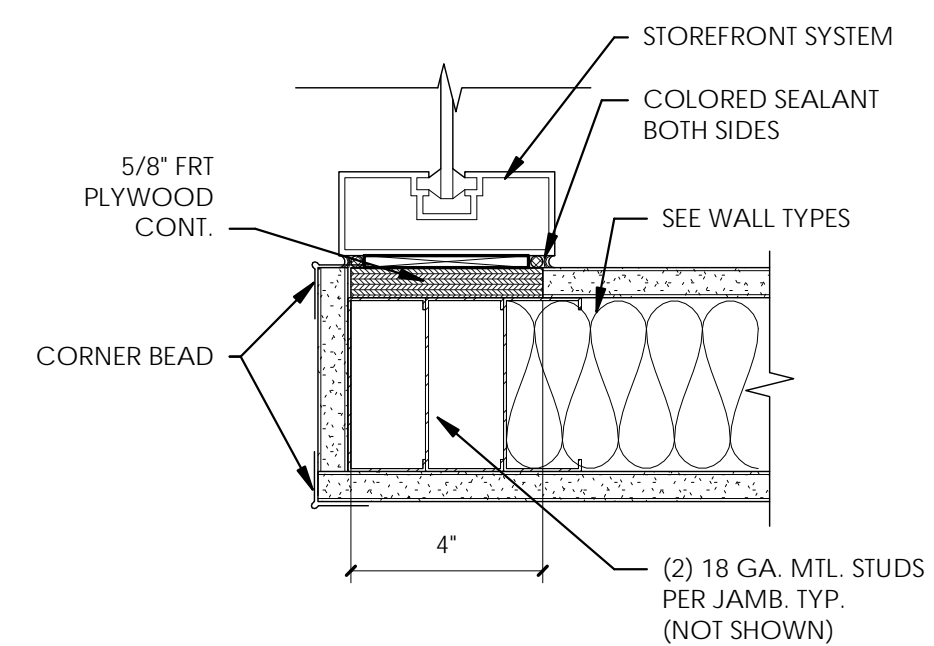
C5 DOOR - STOREFRONT JAMB
3" = 1'-0"



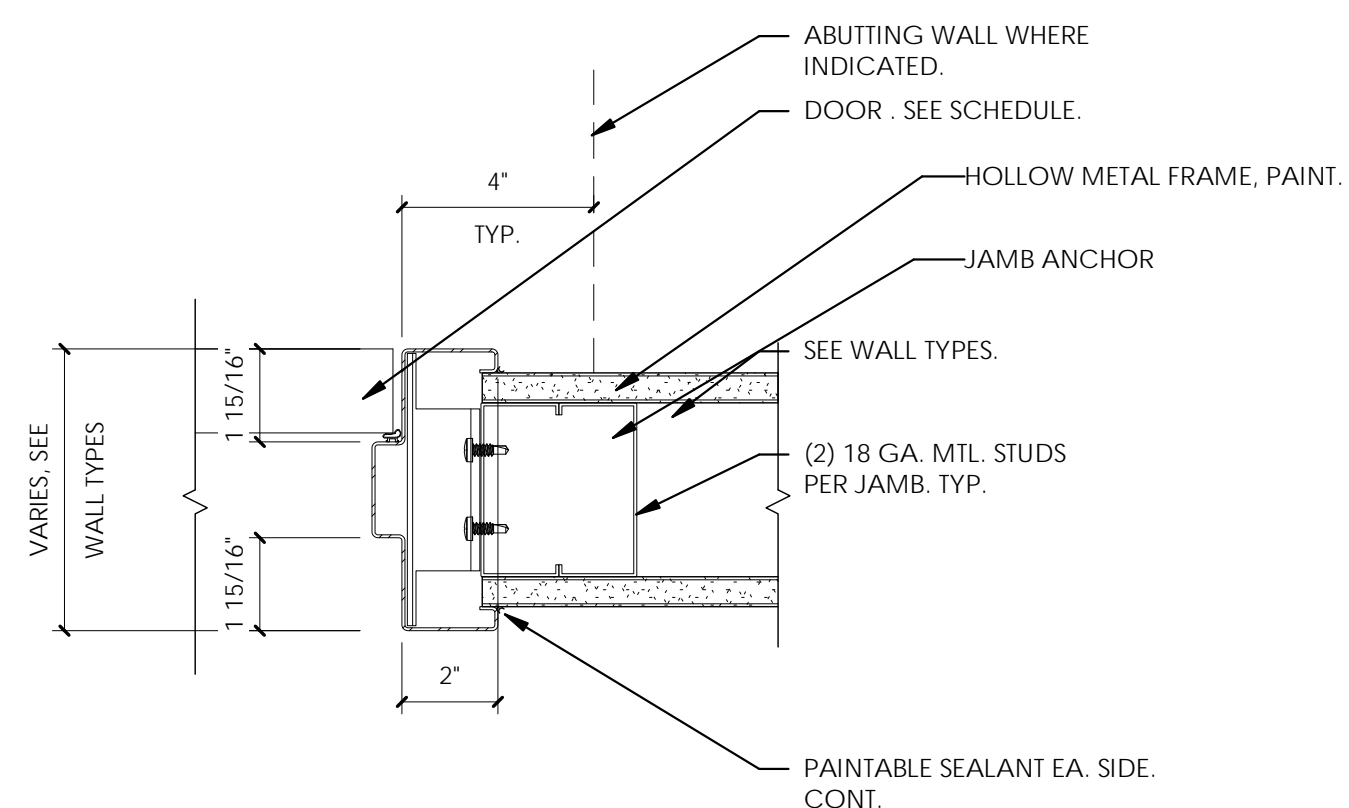
B3 DOOR - HM HEAD @ GYP BD
3" = 1'-0"



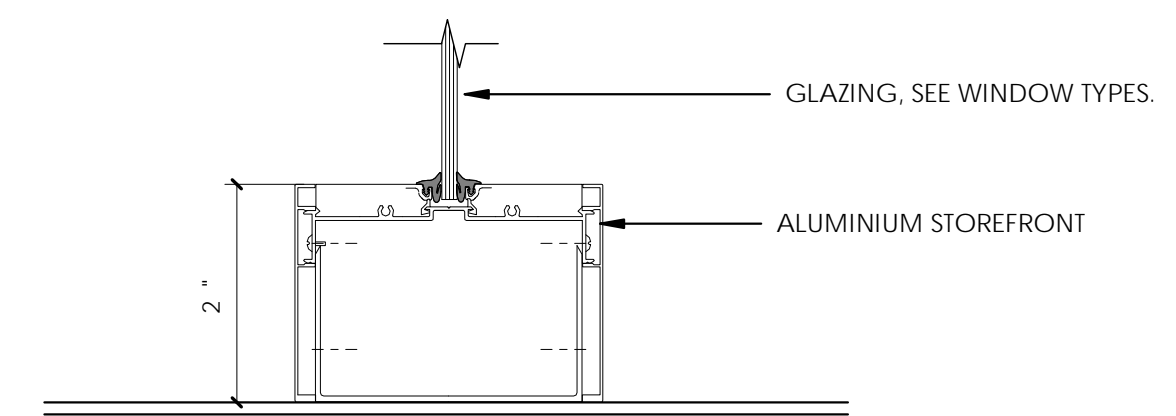
B4 DOOR - STOREFRONT JAMB @ GYP BD
3" = 1'-0"



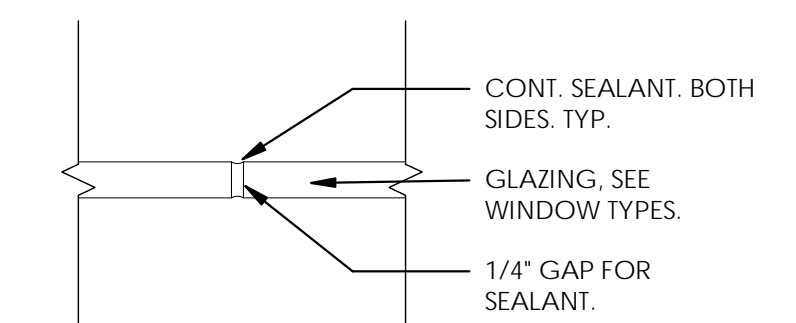
B5 STOREFRONT - JAMB @ GYP BD
3" = 1'-0"



A3 DOOR - HM JAMB @ GYP BD
3" = 1'-0"

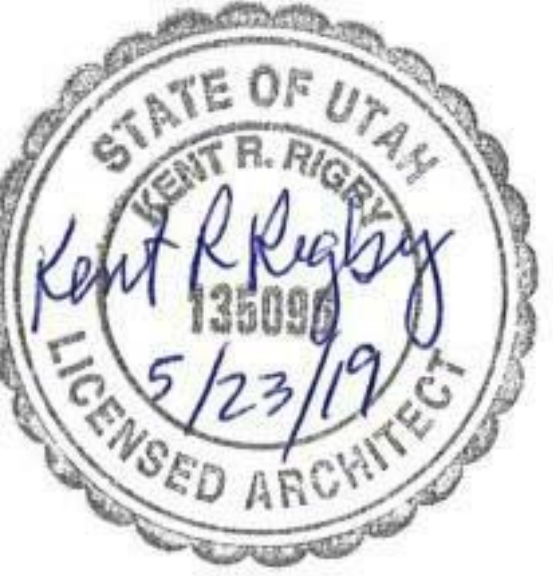


A4 INTERIOR OFFICE-FRONT - MULLION SILL
3" = 1'-0"



A5 INTERIOR OFFICE-FRONT - BUTT GLAZING
3" = 1'-0"

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
**DETAILS - DOOR &
WINDOW**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

AE580

1

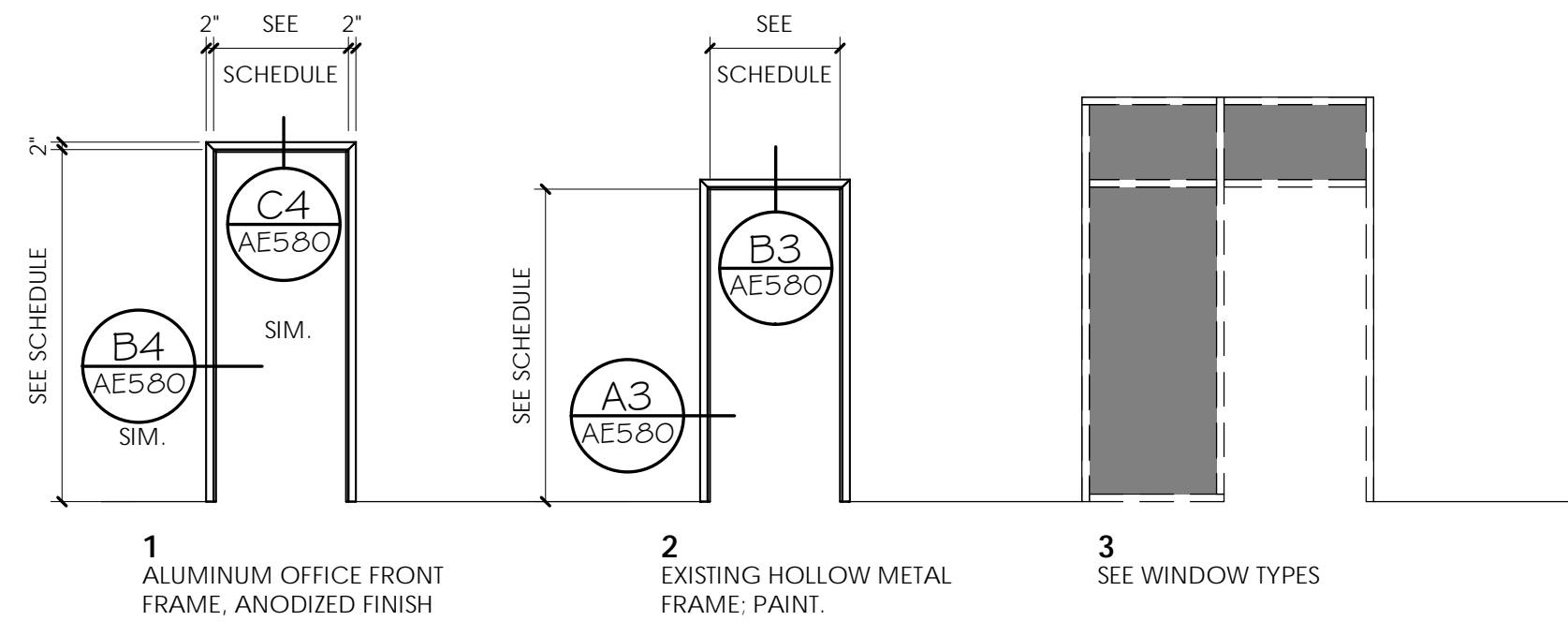
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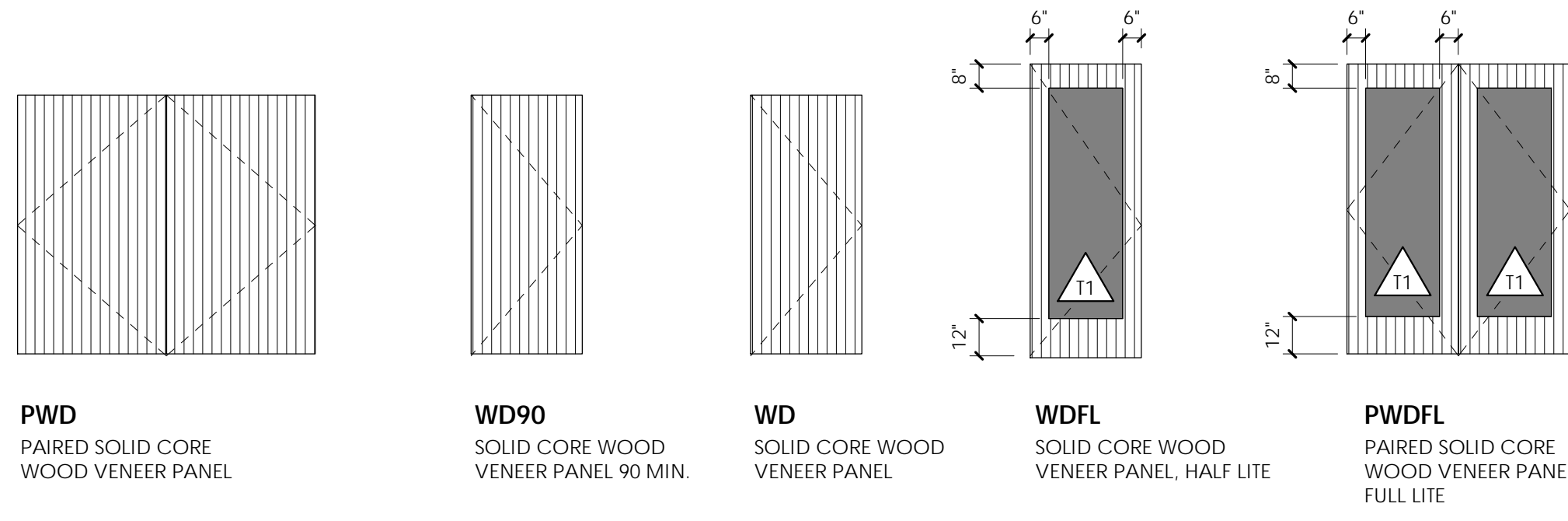
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6/5/2019 5:50:28 PM \\ajccorpvs04c1\users\black\Documents\1904 01 JHC KBI_Level 10 and 16 v19_black.rvt
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D1 LEGEND - FRAME TYPES
 1/4" = 1'-0"



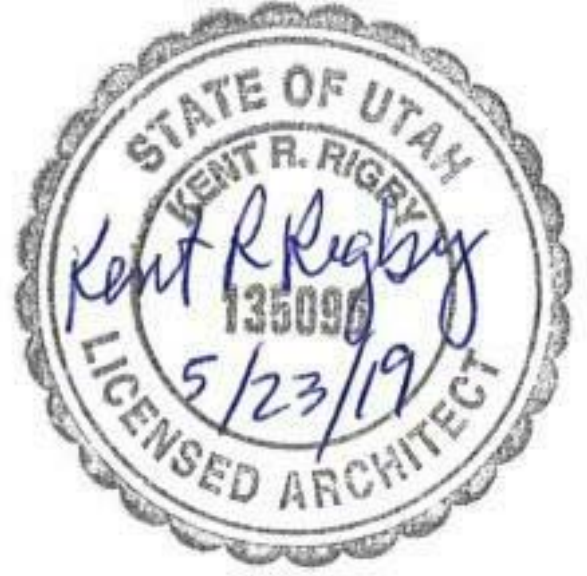
C1 LEGEND - DOOR TYPES
 1/4" = 1'-0"

DOOR & FRAME SCHEDULE

LEVEL	DOOR NO.	DOOR SIZE		FIRE RATING	FRAME		COMMENTS
		WIDTH	HEIGHT		TYPE	TYPE	
LEVEL 10	10A	3'-0"	7'-0"	90	WD90	2	EXISTING DOOR, NEW 90 MIN. RATED PANEL, ADA OPERATOR AND ACCESS CONTROL
LEVEL 10	10B	3'-6"	7'-0"		WD	2	EXISTING DOOR, NEW PANELS
LEVEL 10	10C	3'-6"	7'-0"		WD	2	EXISTING DOOR, NEW PANELS
LEVEL 10	10D	3'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANEL, ADA OPERATOR
LEVEL 10	10E	3'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANEL
LEVEL 10	10F	3'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANEL
LEVEL 10	10G	3'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANEL, ADA OPERATOR
LEVEL 10	10H	3'-0"	7'-0"	90	WD90	2	EXISTING DOOR, NEW 90 MIN. RATED PANEL, ADA OPERATOR AND ACCESS CONTROL
LEVEL 10	10J	3'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANEL
LEVEL 10	1000A	6'-0"	7'-10"	20	PWDFL	3	20 MIN. RATED PANEL
LEVEL 10	1000B	6'-0"	7'-10"	20	PWDFL	3	20 MIN. RATED PANEL
LEVEL 10	1000C	3'-0"	7'-10"		WD	1	
LEVEL 10	1000D	3'-0"	7'-10"		WD	1	
LEVEL 10	1001A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1002A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1003A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1004A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1005A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1006A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1007A	3'-0"	7'-10"		WD	1	
LEVEL 10	1008A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1009A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1010A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1011A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1012A	3'-0"	7'-10"		WD	1	
LEVEL 10	1013A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1016A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1017A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1018A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1019A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 10	1021A	3'-0"	7'-10"		WD	1	
LEVEL 16	16A	3'-0"	7'-0"	90	WD90	2	EXISTING DOOR, NEW 90 MIN. RATED PANEL, ADA OPERATOR AND ACCESS CONTROL
LEVEL 16	16B	4'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANELS
LEVEL 16	16C	4'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANELS
LEVEL 16	16D	3'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANEL, ADA OPERATOR
LEVEL 16	16E	3'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANEL
LEVEL 16	16F	3'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANEL
LEVEL 16	16G	3'-0"	7'-0"		WD	2	EXISTING DOOR, NEW PANEL, ADA OPERATOR
LEVEL 16	16H	3'-0"	7'-0"	90	WD90	2	EXISTING DOOR, NEW 90 MIN. RATED PANEL, ADA OPERATOR AND ACCESS CONTROL
LEVEL 16	1600A	6'-0"	7'-10"	20	PWDFL	3	20 MIN. RATED PANEL
LEVEL 16	1600B	6'-0"	7'-10"	20	PWDFL	3	20 MIN. RATED PANEL
LEVEL 16	1600C	6'-0"	7'-10"	20	PWDFL	3	20 MIN. RATED PANEL
LEVEL 16	1600D	6'-0"	7'-10"	20	PWDFL	3	20 MIN. RATED PANEL
LEVEL 16	1600E	6'-0"	7'-10"		PWDFL	1	
LEVEL 16	1600F	6'-0"	7'-10"		PWDFL	1	
LEVEL 16	1601A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1602A	3'-0"	7'-10"		WD	1	GLASS FILM
LEVEL 16	1603A	3'-0"	7'-10"		WD	1	
LEVEL 16	1604A	3'-0"	7'-10"		WD	1	
LEVEL 16	1605A	3'-0"	7'-10"		WDFL	1	
LEVEL 16	1607A	3'-0"	7'-10"		WD	1	
LEVEL 16	1608A	3'-0"	7'-10"		WD	1	
LEVEL 16	1609A	3'-0"	7'-10"		WD	1	
LEVEL 16	1610A	3'-0"	7'-10"		WD	1	
LEVEL 16	1611A	3'-0"	7'-10"		WD	1	
LEVEL 16	1612A	3'-0"	7'-10"		WD	1	
LEVEL 16	1613A	3'-0"	7'-10"		WD	1	
LEVEL 16	1614A	3'-0"	7'-10"		WD	1	
LEVEL 16	1615A	3'-0"	7'-10"		WD	1	
LEVEL 16	1616A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1617A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1618A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1619A	3'-0"	7'-10"		WD	1	
LEVEL 16	1620A	3'-0"	7'-10"		WD	1	
LEVEL 16	1621A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1622A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1623A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1624A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1625A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1626A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1627A	3'-0"	7'-10"		WD	1	
LEVEL 16	1628A	3'-0"	7'-10"		WDFL	3	GLASS FILM
LEVEL 16	1629A	3'-0"	7'-10"		WD	1	
LEVEL 16	1630A	3'-0"	7'-10"		WD	1	
LEVEL 16	1632A	3'-0"	7'-10"		WDFL	3	GLASS FILM

NOTE: PLEASE REFER TO SPECIFICATIONS FOR DOOR HARDWARE.

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
 LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
**DOOR SCHEDULE &
 LEGEND**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: ajc
 CHECKED BY: K. RIGBY
 PROJECT#: 1904

SHEET NUMBER:

6/5/2019 5:53:30 PM \\ajccorpvs0dc1\users\black\Documents\1904 01 JHC KBT_Level 10 and 16 v19_black.rvt
 ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REFERRED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND ARE TO BE USED ONLY FOR THE PROJECT AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DECIDED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. COMMERCIALS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE KBT BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS P.C. IS A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET VIOLATION IN VIOLATION OF 18 U.S.C. SEC. 1836 AND OTHER LAWS.

GLAZING TYPES:

GLAZING TYPE	
SYM.	DESCRIPTION
T1	1/2" TEMPERED CLEAR GLAZING
T2	1/2" TEMPERED CLEAR 20 MIN. FIRE RATED GLAZING

* SEE FINISH SCHEDULE FOR GLASS FILM

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
**LEVEL 10 - WINDOW
TYPES**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: ajc
 CHECKED BY: K. RIGBY
 PROJECT#: 1904

SHEET NUMBER:

AE610

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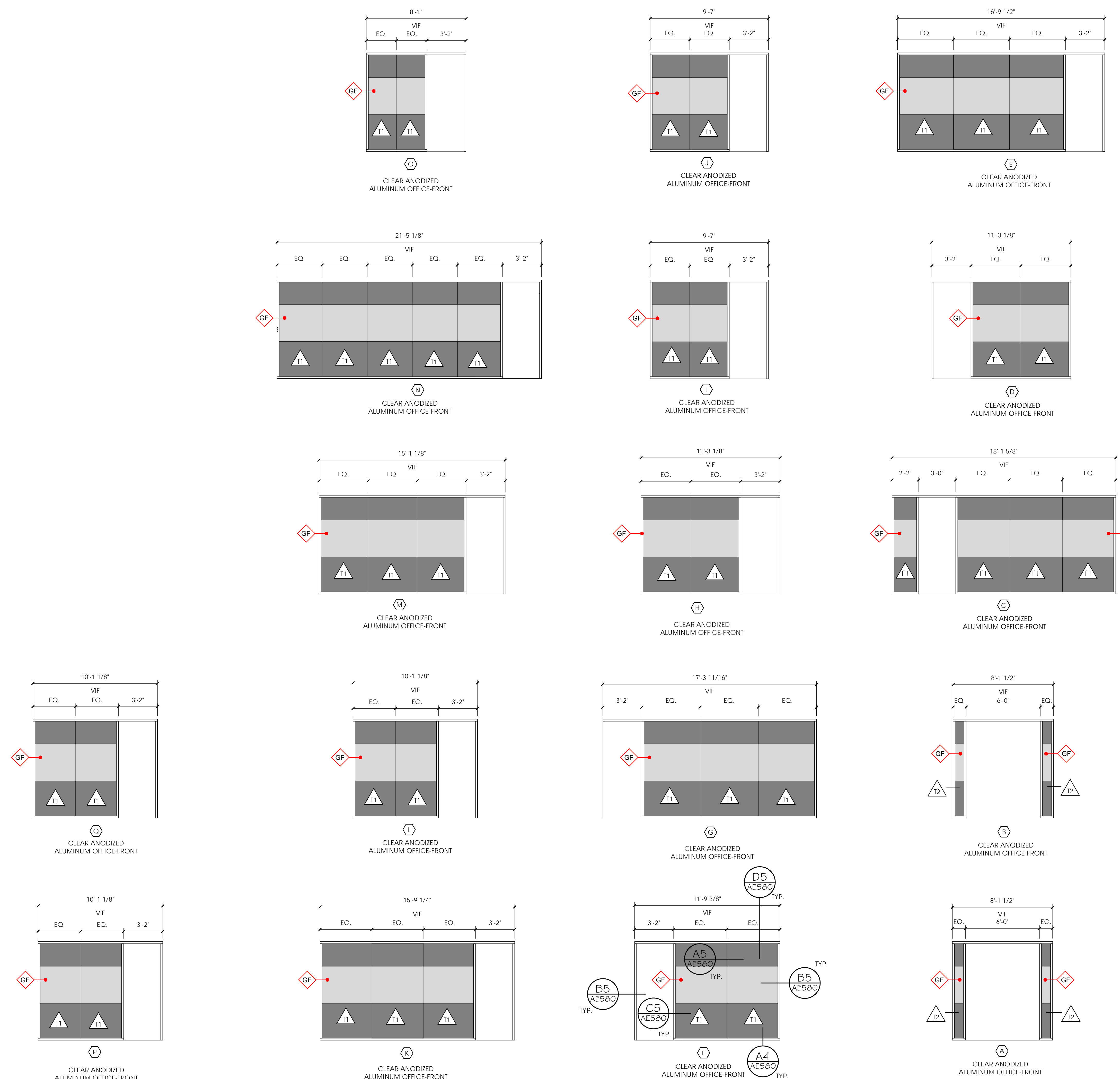
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GLAZING TYPES:

GLAZING TYPE	
SYM.	DESCRIPTION
T1	1/2" TEMPERED CLEAR GLAZING
T2	1/2" TEMPERED CLEAR 20 MIN. FIRE RATED GLAZING

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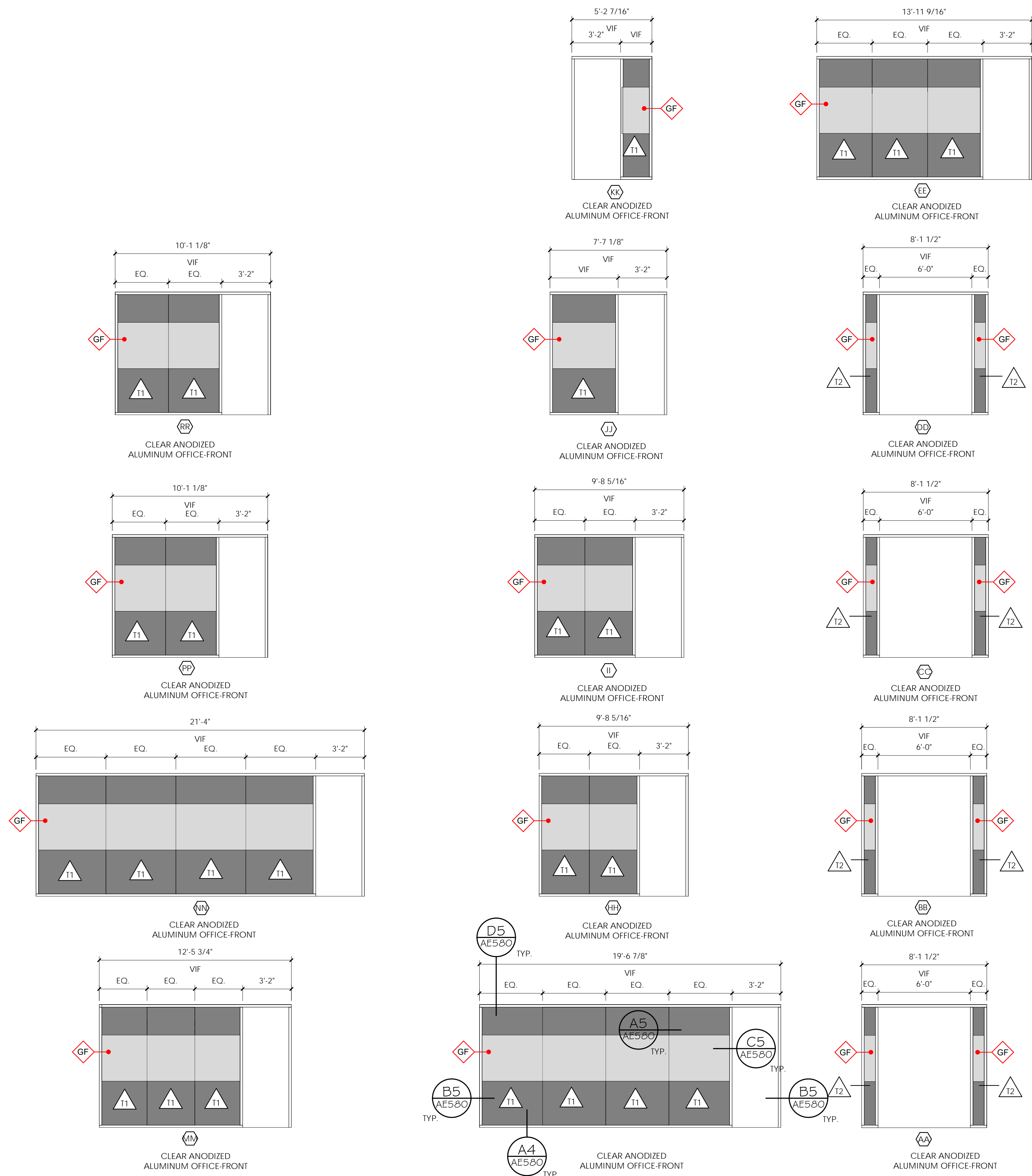
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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
 LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:
**LEVEL 16 - WINDOW
 TYPES**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
 ISSUE TYPE: ADDENDUM 01
 DRAWN BY: Author
 CHECKED BY: Checker
 PROJECT#: 1904

SHEET NUMBER:

AE611

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INTERMOUNTAIN HEALTHCARE - KEY BANK TOWER - LEVEL 10 & 16 - INTERIOR FINISH LEGEND

Table with columns for product type (e.g., Carpet Tile, Vinyl Composite Tile, Rubber Tile, Porcelain Tile), manufacturer, product name, color, size, and location/notes. Includes sections for Flooring Products, Wall Products, and Paint.

Table with columns for product type (e.g., Paint, Vinyl Wallcovering, Glass Privacy Film, Porcelain Wall Tile, Natural Stone Mosaic Tile, Quartz Countertop, High Pressure Laminate Surfaces, Suspended Wood Grille Ceiling), manufacturer, product name, color, size, and location/notes.



703 east 1700 south salt lake city, utah 84105 www.ajcarchitects.com

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

KEY BANK TOWER LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

INTERIOR FINISH LEGEND

REVISIONS

Table with columns: MARK, DATE, DESCRIPTION. Row 1: 1, 06/04/19, ADDENDUM 01

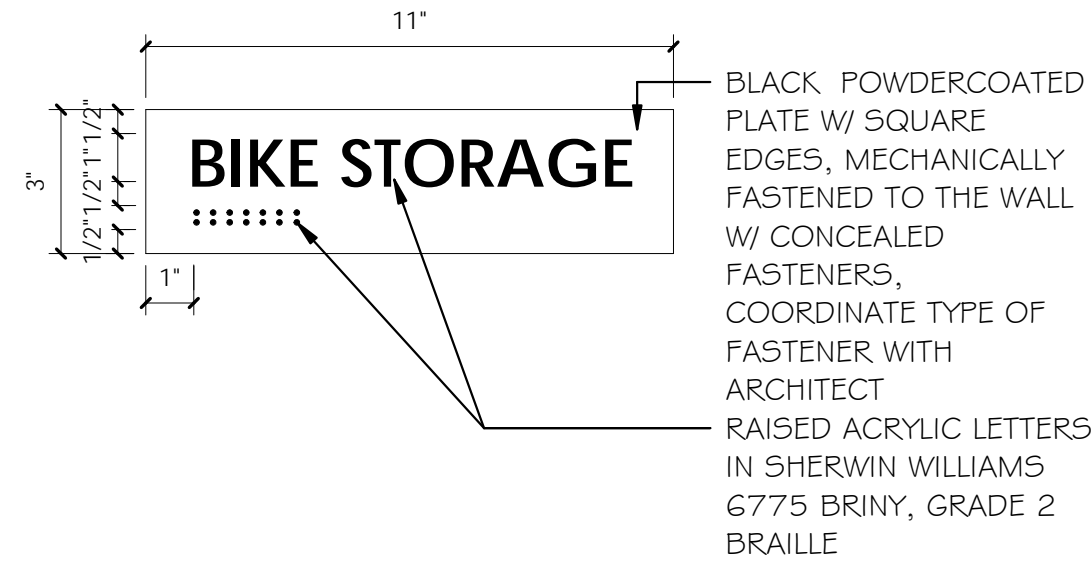
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ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

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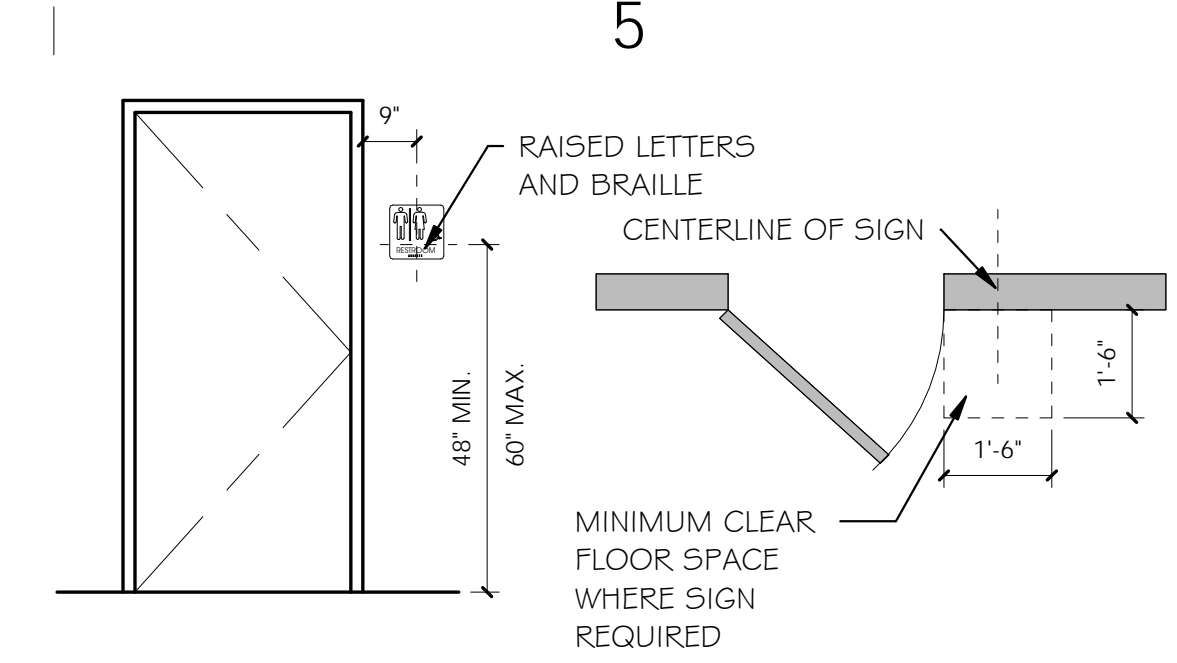
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ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THE DRAWING ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS P.C. AND SHOULD NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF AJC ARCHITECTS P.C. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNINGS: REPRODUCTION THROUGH A CRIMINAL OFFENSE UNDER 18 U.S.C. SEC. 505. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET VIOLATION UNDER 18 U.S.C. SEC. 1832 AND OTHER LAWS.

*** ALL SIGNAGE BY OWNER**

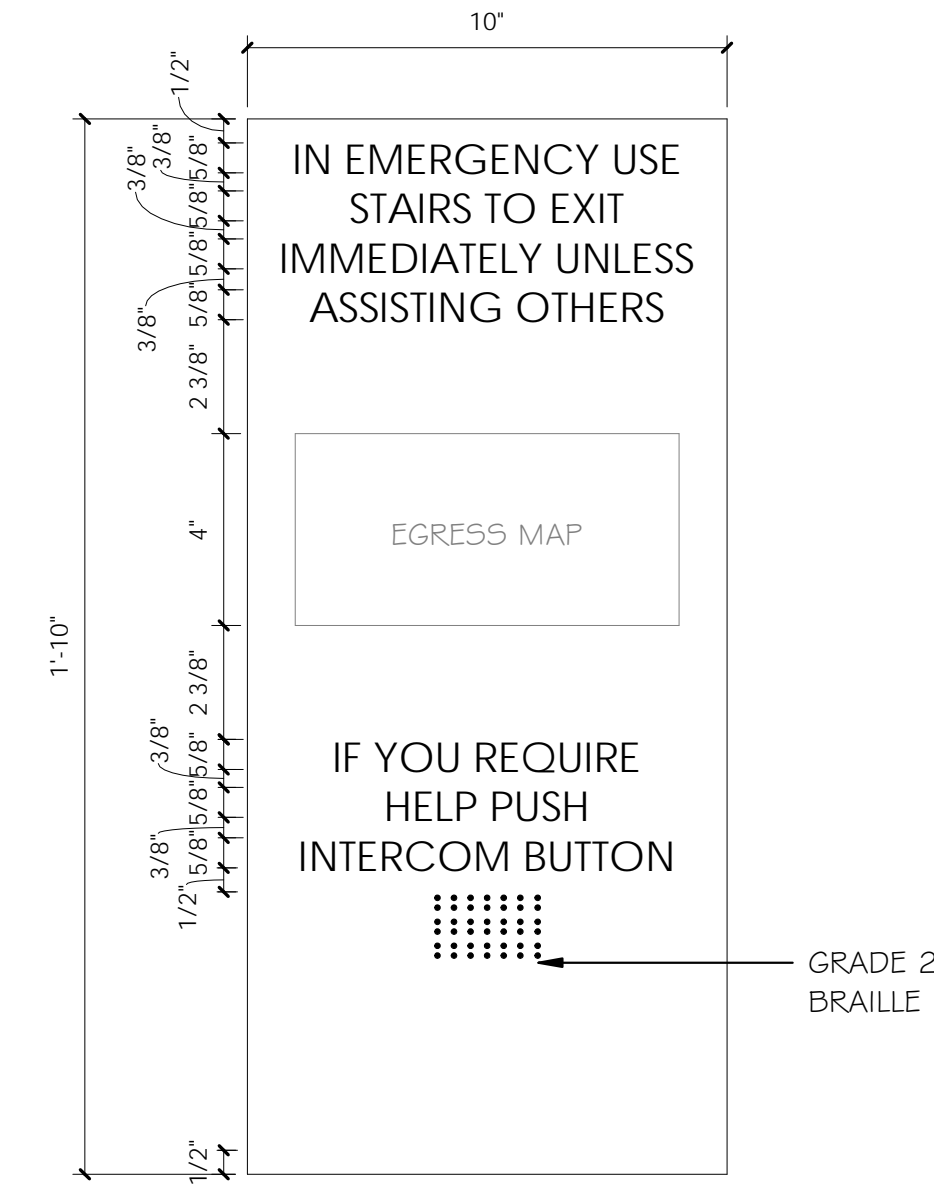
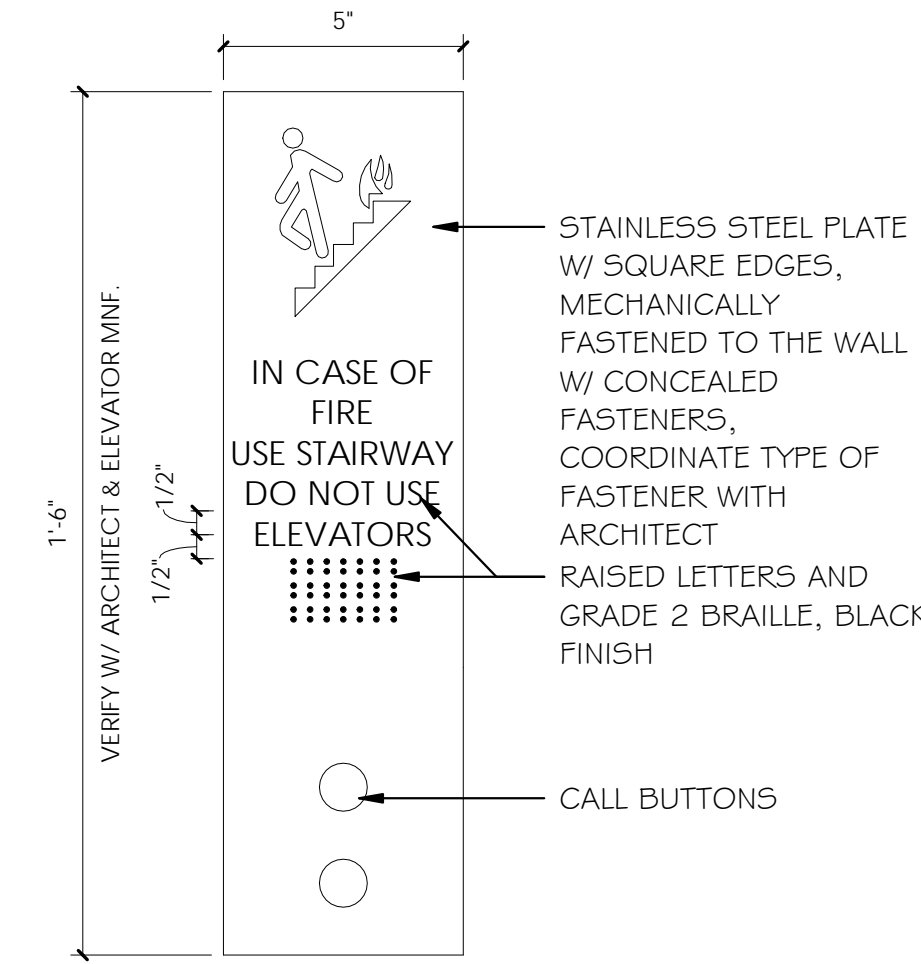
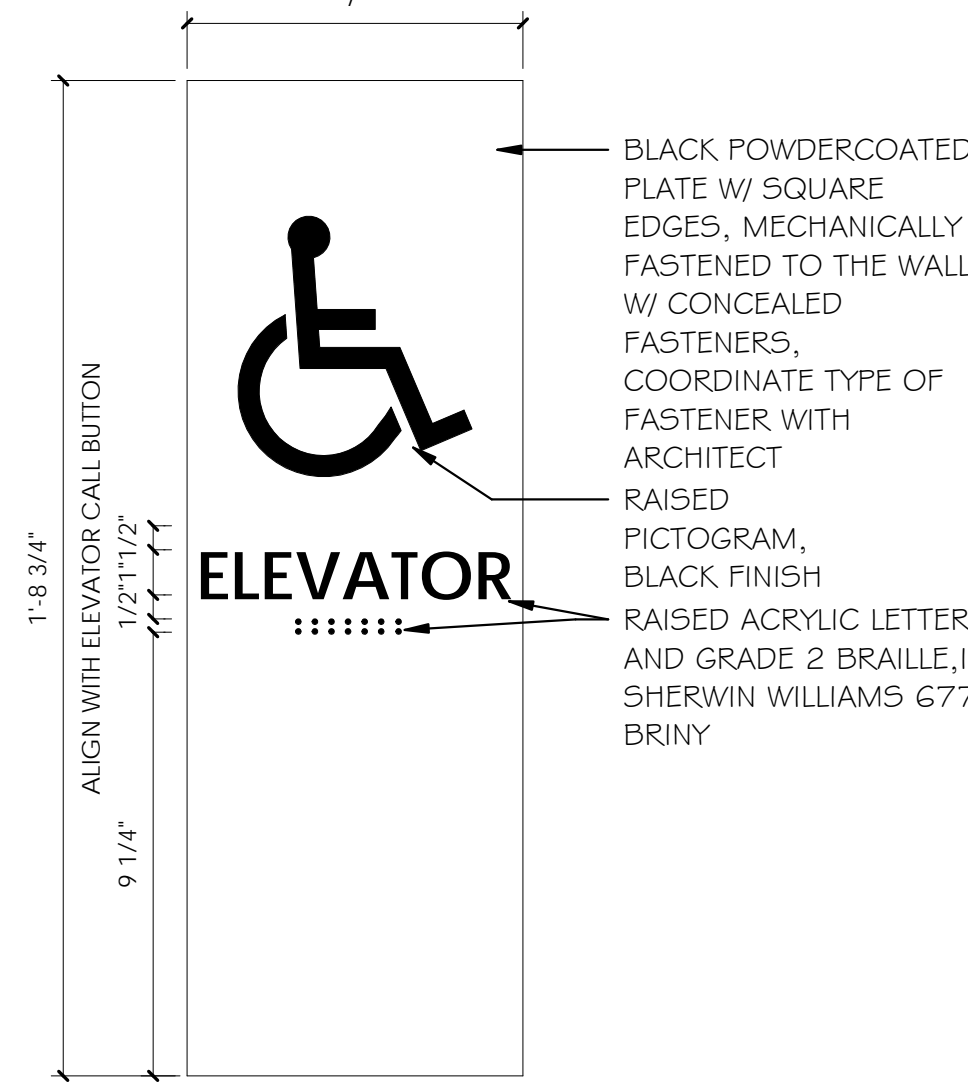
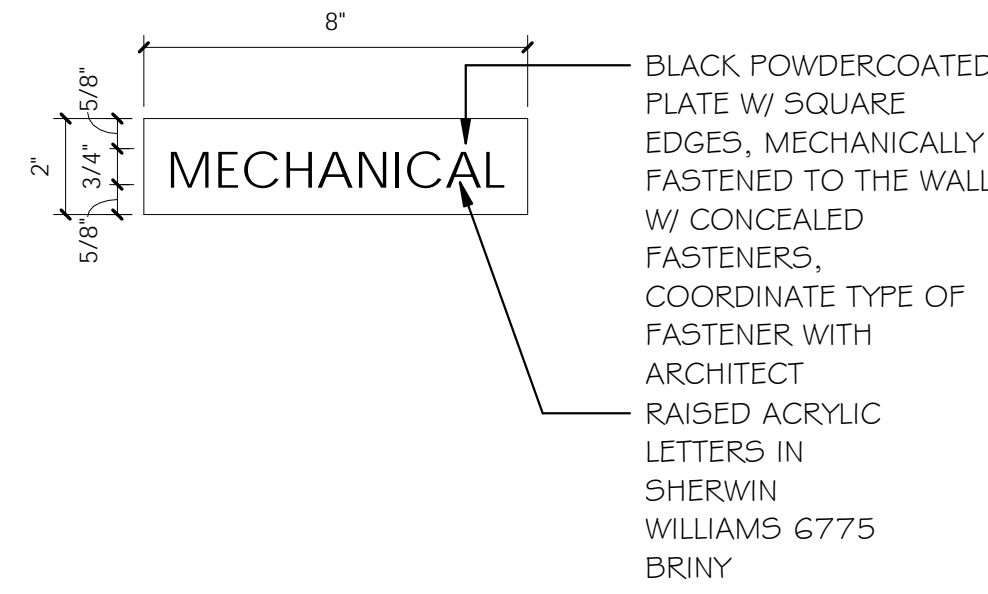


NOTE:

1. PROVIDE FIRE EXTINGUISHER SIGN PER OSHA/IFC REQUIREMENTS
2. ALL TEXT TO BE IN CENTURY GOTHIC FONT
3. PLATE THICKNESS TO BE 0-0 1/4"



INTERIOR SIGNAGE TYPE A

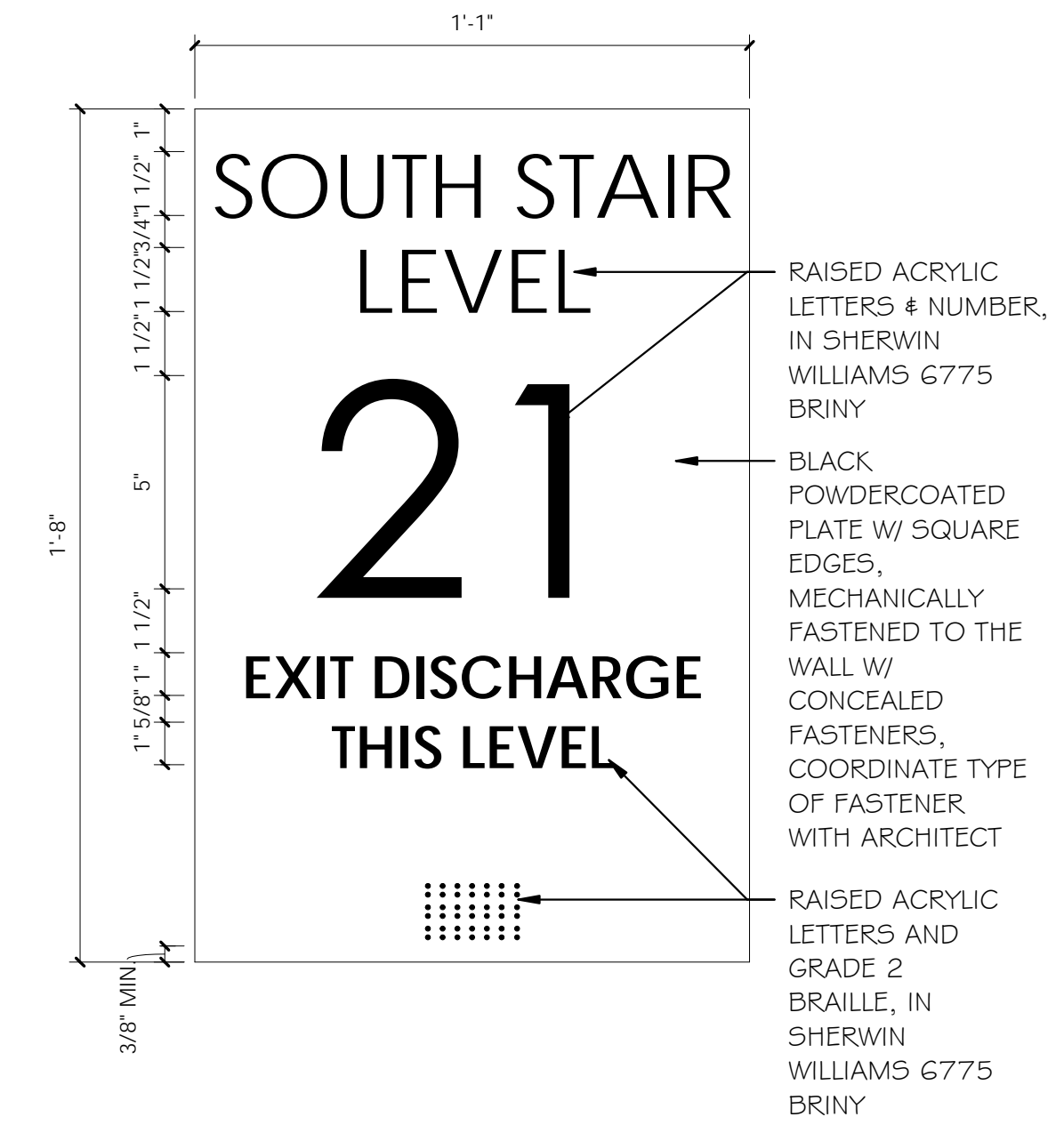
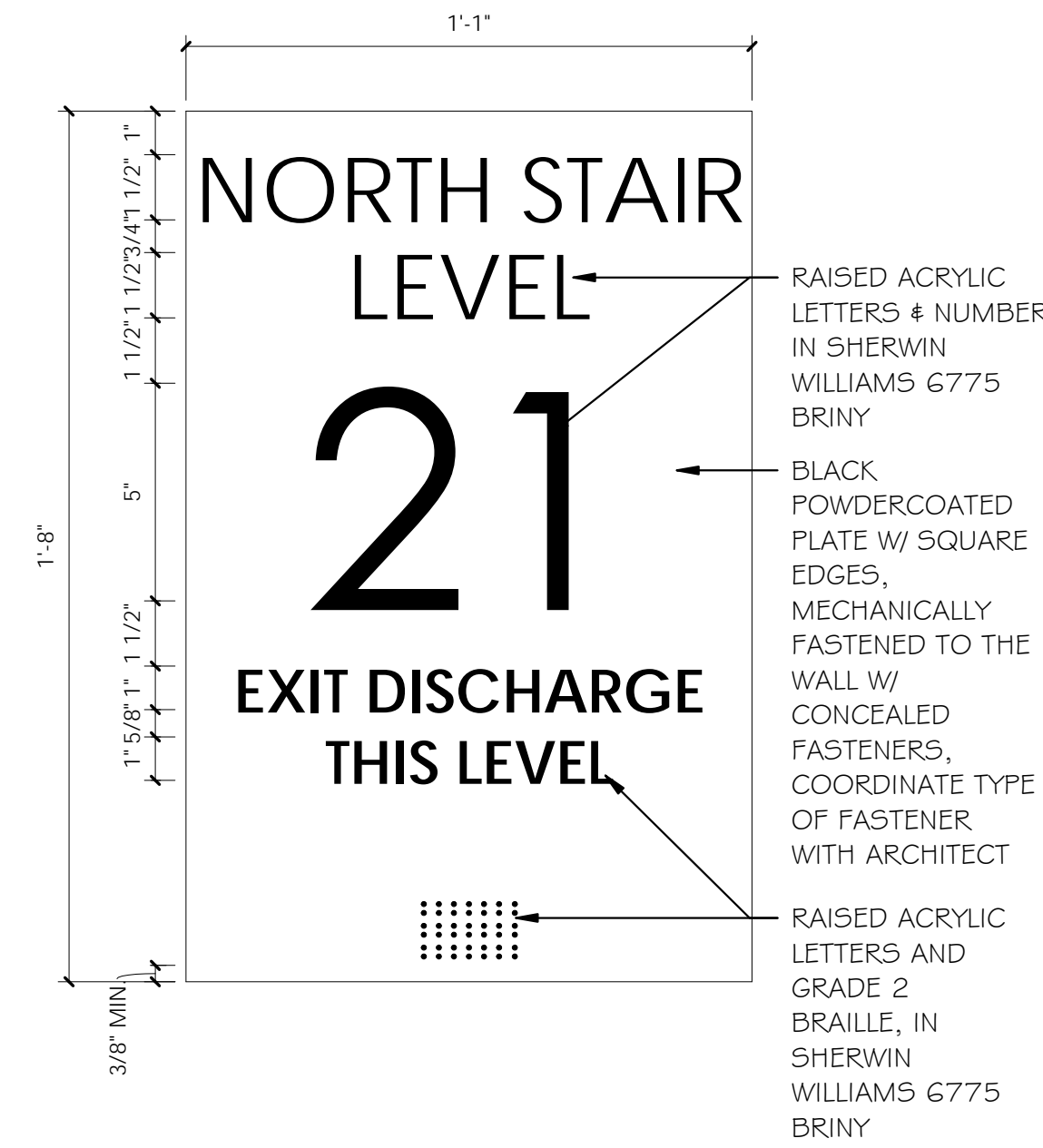


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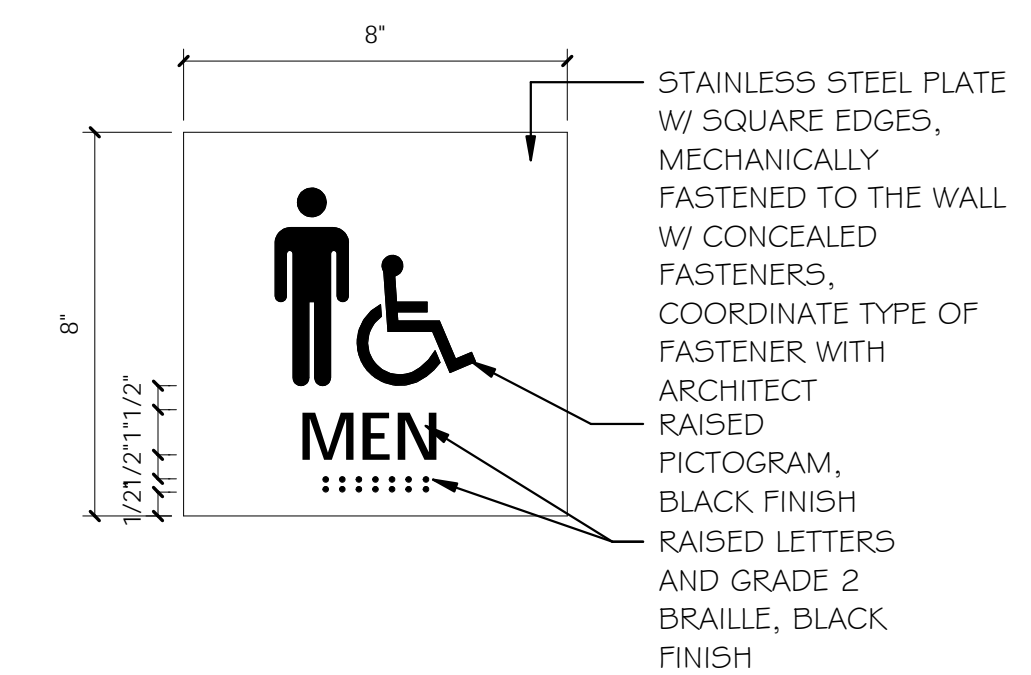
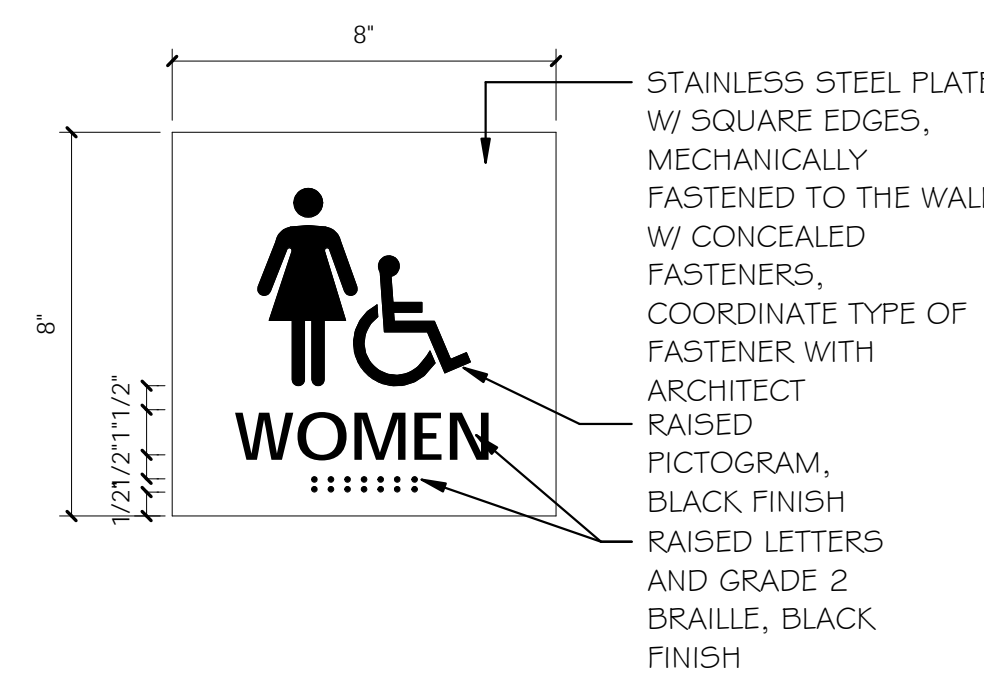
INTERIOR SIGNAGE TYPE C

INTERIOR SIGNAGE TYPE D

INTERIOR SIGNAGE TYPE E



INTERIOR SIGNAGE TYPE F



INTERIOR SIGNAGE TYPE L

INTERIOR SIGNAGE TYPE M

ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

KEY BANK TOWER LEVEL 10 AND 16 TI

36 S STATE ST, SLC UT 84111

AHJ STAMP

SHEET NAME:

ROOM SIGNAGE SCHEDULE + SIGNAGE TYPES

REVISIONS

MARK	DATE	DESCRIPTION
1	06/04/19	ADDENDUM 01

ISSUE DATE: 06/05/19
ISSUE TYPE: ADDENDUM 01
DRAWN BY: ajc
CHECKED BY: K. RIGBY
PROJECT#: 1904

SHEET NUMBER:

AE701

6/5/2019 5:31:59 PM \\ajccorpvs0dc1\users\black\Documents\1904 01_IHC KB1_Level 10 and 16 v19_black.rvt
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 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THE DRAWING ARE OWNED BY AND THE PROPERTY OF A/C ARCHITECTS PC AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF A/C ARCHITECTS PC. UNAUTHORIZED REPRODUCTION OR ALTERATION OF THIS DRAWING IS STRICTLY PROHIBITED. REVISIONS SHALL BE INDICATED BY THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DIMENSIONS AND CONDITIONS SHOWN BY THESE DIMENSIONS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER 19 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET.

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
VALVES, METERS, AND GAUGES	
	SHUT OFF VALVE
	GATE VALVE
	CHECK VALVE
	AUTO 2-WAY VALVE
	AUTO 3-WAY VALVE
	GLOBE VALVE
	BALL VALVE
	RELIEF VALVE
	CHAIN OPERATED GATE VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	ANGLE VALVE
	VENTURI
	BALANCING OR PLUG COCK
	FLOW SETTER
	EXPANSION VALVE (REFRIG.)
	GAS COCK
	MANUAL AIR VENT
	STRAINER
	GAUGE COCK
	FLEXIBLE CONNECTION
	PRESSURE GAUGE
	THERMOMETER
	VICTUALIC COUPLING
	REDUCER CONCENTRIC
	REDUCER ECCENTRIC
	REFRIGERANT SITE GLASS
	REFRIGERANT STRAINER
	REFRIGERANT FILTER DRIER
	90 DEG ELBOW UP
	90 DEG ELBOW DOWN
	90 DEG TEE UP
	90 DEG TEE DOWN
	UNION
	CAPPED PIPE
	ANCHOR
	FLOAT AND THERMOSTATIC TRAP
HVAC SYMBOLS	
	THERMOSTAT
	TEMPERATURE SENSOR
	HUMIDISTAT

SYMBOL LEGEND			
SYMBOL	DESCRIPTION		
DUCT WORK			
	SINGLE LINE	DOUBLE LINE	DESCRIPTION
			RECTANGULAR SUPPLY DUCT UP
			RECTANGULAR SUPPLY DUCT DOWN
			RECTANGULAR RETURN DUCT UP
			RECTANGULAR RETURN DUCT DOWN
			RECTANGULAR EXHAUST DUCT UP
			RECTANGULAR EXHAUST DUCT DOWN
			ROUND DUCT UP
			ROUND DUCT DOWN
			ACCOUSTICALLY LINED RECTANGULAR DUCT
			90° RECTANGULAR ELBOW WITH TURNING VANES
			90° RADIUS ELBOW R=1.5
			DUCT SIZE OR SHAPE TRANSITION
			OPPOSED BLADE BALANCING DAMPER (O.B.D.) IN RECT DUCT
			BUTTERFLY BALANCING DAMPER IN ROUND DUCTS
			COMBINATION TEE
			SPLITTER DAMPER
			SQUARE OR RECTANGULAR CEILING DIFFUSER
			ROUND CEILING DIFFUSER
			SIDEWALL REGISTER SUPPLY OR RETURN
			ROUND FLEXIBLE DUCT
			RETURN GRILLE
			EXHAUST GRILLE
			FIRE SMOKE DAMPER
			FIRE DAMPER
			SMOKE DAMPER
			FLEXIBLE CONNECTION
			FLEXIBLE CONNECTION
			DUCT TO BE REMOVED

PIPING LEGEND	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
	HIGH PRESSURE STEAM
	MEDIUM PRESSURE STEAM
	LOW PRESSURE STEAM
	HIGH PRESSURE CONDENSATE RETURN
	MEDIUM PRESSURE CONDENSATE RETURN
	LOW PRESSURE CONDENSATE RETURN
	PUMP DISCHARGE
	TEMPERED WATER SUPPLY
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	HEATING HOT WATER SUPPLY
	HEATING HOT WATER RETURN
	REFRIGERANT LIQUID
	REFRIGERANT SUPPLY
	CONDENSER WATER SUPPLY
	CONDENSER WATER RETURN
	DRAIN LINE
	HOT GAS BYPASS
	GLYCOL SUPPLY
	GLYCOL RETURN
	FUEL OIL SUPPLY
	FUEL OIL VENT

DEFINITIONS	
NOTE: ALL DEFINITIONS MAY NOT BE USED.	
INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.	
DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.	
APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.	
FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."	
INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."	
PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."	
INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.	

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
REFERENCE LINES AND SYMBOLS	
	DETAIL INDICATOR: # INDICATES DETAIL NUMBER, SHEET INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, EXTERIOR: # INDICATES ELEVATION OR SECTION NUMBER, SHEET INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ELEVATION OR SECTION INDICATOR, INTERIOR: # INDICATES ELEVATION OR SECTION NUMBER, SHEET INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	SPACE NUMBER
	KEYNOTE INDICATOR
	REVISION INDICATOR
	EQUIPMENT INDICATOR
	PLUMBING FIXTURE INDICATOR
	DIFFUSER/GRILLE INDICATOR
	DIFFUSER/GRILLE INDICATOR
	BREAK, STRAIGHT
	BREAK, ROUND
	MATCHLINE INDICATOR
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE
	NEW CONNECTION TO EXISTING
	POINT OF DEMOLITION

ABBREVIATIONS	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
(E)	EXISTING
(F)	FUTURE
AD	ACCESS DOOR
AIR COND	AIR CONDITION(-ING,-ED)
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTU/HOUR	BTU/HOUR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	COOLING
COMP	COMPONENT
COND	CONDENS(-ER, -ING, -ATION)
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER REIRC
DIA	DIAMETER
DISCH	DISCHARGE
DP	DEPTH OR DEEP
EA	EXHAUST AIR
EEER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
EG	ETHYLENE GLYCOL
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORAT(-E, -ING, -ED, -OR)
EWT	ENTERING WATER TEMPERATURE
EXT	EXTERNAL
FC	FLEXIBLE CONNECT(-OR, -ION)
FD	FIRE DAMPER
FIA	FULL LOAD AMPS
FLP	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
GAL	GALLON(S)
GE	GREASE EXHAUST
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HG	MERCURY
HP	HORSEPOWER
HR	HOUR
HT	HEIGHT
HTG	HEATING
HZ	HERTZ (FREQUENCY)
ID	INSIDE DIAMETER
IN	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LG	LENGTH
LH	LATENT HEAT
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTUR(-ER, -ED)
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OZ	OUNCE
PD	PRESSURE DROP OR DIFFERENCE
PG	PROPYLENE GLYCOL
PH	PHASE
PPM	PARTS PER MILLION
PRESS	PRESSURE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
R	THERMAL RESISTANCE
RA	RETURN AIR
RECIRC	RECIRCULATE
REFR	REFRIGERATION
REQD	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SC	SHADING COEFFICIENT
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SOFT COLD WATER
SF	SAFETY FACTOR
SH	SENSIBLE HEAT
SP	STATIC PRESSURE
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
STD	STANDARD
SW	SOIL, WASTE
TA(R)	TRANSFER AIR (RETURN)
TA(S)	TRANSFER AIR (SUPPLY)
TD	TEMP. DROP OR DIFF.
TEMP	TEMPERATURE
THERM	THERMAL
TOT	TOTAL
TSTAT	THERMOSTAT
V	VOLT
V	VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY TEMPERATURE
VEL	VELOCITY
VENT	VENT, VENTILATION
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
WB	WET BULB TEMP
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WT	WEIGHT
WTR	WATER

MECHANICAL GENERAL NOTES	
1	THE MECHANICAL DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENT & EXTENT OF THE MECHANICAL SYSTEM. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THESE DRAWINGS DO NOT SHOW ALL OFFSETS, BENDS OR ELBOWS NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. CONTRACTOR SHALL MAKE SUCH SLIGHT ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE & OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT.
	MAJOR DEVIATIONS SUCH AS CHANGES IN COMPONENT SIZES, WEIGHTS, QUANTITIES OR MATERIAL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER.
2	THE DRAWINGS & SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER & SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE & NOT THE OTHER BEING FURNISHED & INSTALLED AS THOUGH SHOWN & CALLED OUT IN BOTH.
3	THE ENTIRE MECHANICAL INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED BUILDING CODES, MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, & ALL OTHER APPLICABLE CITY, COUNTY, STATE, & FEDERAL CODES & REGULATIONS IN EFFECT.
4	THE ENTIRE MECHANICAL INSTALLATION SHALL CONFORM TO ANY CODES, RULES, REGULATIONS & REQUIREMENTS OF THE BUILDING OWNER.
5	PRIOR TO FABRICATION & INSTALLATION OF ANY MECHANICAL COMPONENT THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL WORK WITH ALL OTHER BUILDING TRADES, INCLUDING BUILDING TRADES HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.
6	THE SPACE ABOVE ALL CEILING IS LIMITED. CAREFUL COORDINATION IS REQUIRED WITH ALL TRADES BEFORE ANY PIPE, DUCT, OR EQUIPMENT IS ORDERED & OR INSTALLED. ANY CONFLICTS &/OR CHANGES FOUND DURING INSTALLATION THAT RESULTS FROM THE LACK OF COORDINATION BY THE CONTRACTORS DURING THE SHOP DRAWING PROCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
7	ALL MECHANICAL INFORMATION IS NOT SHOWN ON THE MECHANICAL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENT.
8	THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW & USE WHERE APPROPRIATE, ALL THE MECHANICAL DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE MECHANICAL SYSTEM WITHOUT USING THE INCLUDED DETAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
9	THE STRUCTURE SHOWN ON ALL DETAILS MAY OR MAY NOT PERTAIN TO A PORTION OR ANY PORTION OF THE BUILDING. COORDINATE ALL MOUNTING REQUIREMENTS WITH ARCHITECTURAL & STRUCTURAL DRAWINGS.
10	ANY PART OF THE MECHANICAL INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
11	SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS & GRILLES.
12	CONTRACTOR SHALL OPERATE THE SYSTEM & DEMONSTRATE ALL ASPECTS OF THE SYSTEM TO THE ENGINEER &/OR OWNER TO PROVE ALL SYSTEMS ARE OPERATIONAL.
13	DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN A SET OF AS-BUILT REDLINED RECORD DRAWING AT THE PROJECT SITE. ALL CHANGES IN LAYOUT, ROUTING, EQUIPMENT, COMPONENTS, & ACCESSORIES SHALL BE RECORDED. THESE REDLINED DRAWINGS SHALL BE GIVEN TO THE ARCHITECT/ENGINEER AFTER THE FINAL INSPECTION IN ACCORDANCE WITH SPECIFICATIONS.
GENERAL EQUIPMENT NOTES	
1	ALL CAPACITIES ARE AT JOB SITE CONDITIONS & ARE MINIMUM CAPACITY.
2	ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED TO CONFORM WITH LOCAL SEISMIC REQUIREMENTS & THE REQUIREMENTS OF THESE CONSTRUCTION DOCUMENTS.
3	VERIFY ALL REQUIRED SERVICE CONNECTIONS, INCLUDING ELECTRICAL CHARACTERISTICS FOR ALL EQUIPMENT PRIOR TO ORDERING EQUIPMENT.
4	ALL EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURAL MEMBERS.
5	ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
6	ALL SIMILAR EQUIPMENT SHALL BE OF THE SAME MANUFACTURER.
7	AIR INLETS & OUTLETS SHALL BE OF THE SAME MANUFACTURER.
8	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HVAC EQUIPMENT CHECK-IN, SAFEKEEPING, & DAMAGE.

MECHANICAL SHEET INDEX	
ME001	MECHANICAL COVER SHEET
ME501	MECHANICAL DETAILS
ME601	MECHANICAL SCHEDULES
ME602	MECHANICAL SCHEDULES
MD101	LEVEL 10 MECHANICAL DEMO PLAN
MD102	LEVEL 16 MECHANICAL DEMO PLAN
MH101	LEVEL 10 MECHANICAL PLAN
MH102	LEVEL 16 MECHANICAL PLAN
MP101	LEVEL 10 MECHANICAL PIPING PLAN
MP102	LEVEL 16 MECHANICAL PIPING PLAN



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 801-328-5151
 fax: 801-328-5155
 www.spectrum-engineers.com

PROJECT DESCRIPTION

**IHC KEY BANK
TOWER FLOORS
10/16**

36 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:
MECHANICAL COVER SHEET

REVISIONS		
MARK	DATE	DESCRIPTION

ISSUE DATE: 05/24/2019
 ISSUE TYPE: CONSTRUCTION DOCUMENTS
 DRAWN BY: TAC
 CHECKED BY: RHB
 PROJECT#: 20190118
 SHEET NUMBER:

ME001

DUAL DUCT BOX SCHEDULE

LABEL	INLET SIZE	LOCATION	AIR FLOW			AIR FLOW				MAX NC LEVEL	WEIGHT	MANUFACTURER	MODEL	REMARKS
			COOLING AIR FLOW (CFM)	HEATING AIR FLOW (CFM)	MAX AIR FLOW (CFM)	MIN AIR FLOW (CFM)	COOLING EAT	HEATING EAT	APD					
VAV-5-01	5"	OFFICE - 1621	150	150	350	100	55°F	95°F	0.02 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-02	5"	PRIVACY 1622 / PRIVACY 1632	120	120	350	100	55°F	95°F	0.02 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-03	5"	MEETING - 1625	125	125	350	100	55°F	95°F	0.02 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-04	5"	MEETING - 1624 / COPY - 1623	225	225	350	100	55°F	95°F	0.03 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-05	5"	MEETING - 1005	225	225	350	100	55°F	95°F	0.03 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-06	5"	MEETING - 1013	200	200	350	100	55°F	95°F	0.04 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-07	5"	PRIVACY - 1012	100	100	350	100	55°F	95°F	0.01 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-08	5"	MEETING - 1011	125	125	500	100	55°F	95°F	0.02 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-09	5"	COPY - 1006	150	150	500	100	55°F	95°F	0.02 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-10	5"	MEETING - 1008	175	175	500	100	55°F	95°F	0.02 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-11	5"	MEETING - 1009	175	175	500	100	55°F	95°F	0.02 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-12	5"	MEETING - 1010	200	200	500	100	55°F	95°F	0.02 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-5-13	5"	OFFICE - 1616 / OFFICE - 1617	250	250	500	100	55°F	95°F	0.03 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-01	6"	OFFICE - 1628 / NURSE HEALTH - 1629	275	275	500	100	55°F	95°F	0.12 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-02	6"	BREAKROOM - 1618	275	275	500	100	55°F	95°F	0.12 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-03	6"	MEETING - 1626	350	350	500	100	55°F	95°F	0.22 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-04	6"	MEETING - 1002	275	275	500	100	55°F	95°F	0.12 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-05	6"	COPY - 1017 / MEETING - 1018 / MEETING - 1019	375	375	500	100	55°F	95°F	0.25 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-06	6"	BREAKROOM - 1016	275	275	500	100	55°F	95°F	0.12 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-07	6"	MEETING - 1004	275	275	500	100	55°F	95°F	0.12 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-08	6"	RESTROOM - 10TH FLOOR	300	300	500	100	55°F	95°F	0.12 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-09	6"	RESTROOM - 16TH FLOOR	270	270	500	100	55°F	95°F	0.12 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-6-10	10"	10TH ELEV LOBBY - SINGLE	250	250	500	100	55°F	95°F	0.03 in-wg	30	54.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-8-01	8"	CONFERENCE - 1601	550	550	900	200	55°F	95°F	0.10 in-wg	30	56.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-8-02	8"	LOBBY - 1000	700	700	900	200	55°F	95°F	0.20 in-wg	30	56.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-8-03	8"	MEETING - 1003	400	400	900	200	55°F	95°F	0.04 in-wg	30	56.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-10-01	10"	LOBBY - 1600	760	760	1400	500	55°F	95°F	0.05 in-wg	30	61.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-10-02	10"	TELEPRESENCE - 1602	750	750	1400	500	55°F	95°F	0.05 in-wg	30	61.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-10-03	10"	CORRIDOR - 1605	1030	1030	1400	500	55°F	95°F	0.10 in-wg	30	61.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-10-04	10"	MALL - 1609 / OFFICE - 1610	800	800	1400	500	55°F	95°F	0.05 in-wg	30	61.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-10-05	10"	16TH ELEV LOBBY - 16-28	1080	1080	1400	500	55°F	95°F	0.10 in-wg	30	61.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-10-06	10"	16TH ELEV LOBBY - 1-16	1000	1000	1400	500	55°F	95°F	0.10 in-wg	30	61.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-10-07	10"	TELEPRESENCE - 1001	950	950	1400	500	55°F	95°F	0.10 in-wg	30	61.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-10-08	10"	10TH ELEV LOBBY - 16-28	1000	1000	1400	500	55°F	95°F	0.10 in-wg	30	61.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-01	12"	N WORKSTATIONS - 1020	1410	1410	2000	800	55°F	95°F	0.06 in-wg	30	61.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-01	14"	NW WORKSTATIONS - 1630	1575	1575	3000	1500	55°F	95°F	0.04 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-01	14"	MEETING - 1611	1660	1660	3000	1500	55°F	95°F	0.10 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-02	14"	NW WORKSTATIONS - 1630	2100	2100	3000	1500	55°F	95°F	0.07 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-03	14"	N WORKSTATIONS - 1630	1880	1880	3000	1500	55°F	95°F	0.07 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-04	14"	SW WORKSTATIONS - 1630	2260	2260	3000	1500	55°F	95°F	0.10 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-05	14"	SW WORKSTATIONS - 1630	1695	1695	3000	1500	55°F	95°F	0.10 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-06	14"	W WORKSTATIONS - 1630	2100	2100	3000	1500	55°F	95°F	0.08 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-07	14"	NW WORKSTATIONS - 1020	1575	1575	3000	1500	55°F	95°F	0.04 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-08	14"	NW WORKSTATIONS - 1020	2100	2100	3000	1500	55°F	95°F	0.07 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-09	14"	N WORKSTATIONS - 1020	1880	1880	3000	1500	55°F	95°F	0.07 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-11	14"	SE WORKSTATIONS - 1020	1755	1755	3000	1500	55°F	95°F	0.07 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-12	14"	SE WORKSTATIONS - 1020	1755	1755	3000	1500	55°F	95°F	0.07 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-13	14"	SW WORKSTATIONS - 1020	2260	2260	3000	1500	55°F	95°F	0.10 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-14	14"	SW WORKSTATIONS - 1020	1695	1695	3000	1500	55°F	95°F	0.06 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-15	14"	W WORKSTATIONS - 1020	2100	2100	3000	1500	55°F	95°F	0.04 in-wg	30	81.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-14-16	14"	MEETING - 1614	2075	2075	4000	2000	55°F	95°F	0.03 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-02	16"	MEETING - 1612	2675	2675	4000	2000	55°F	95°F	0.05 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-04	16"	MEETING - 1615	2500	2500	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-05	16"	S WORKSTATIONS - 1630	2775	2775	4000	2000	55°F	95°F	0.05 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-06	16"	S WORKSTATIONS - 1630	2220	2220	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-07	16"	S WORKSTATIONS - 1630	2500	2500	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-08	16"	S WORKSTATIONS - 1630	2500	2500	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-09	16"	NE WORKSTATIONS - 1020	2500	2500	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-10	16"	NE WORKSTATIONS - 1020	3125	3125	4000	2000	55°F	95°F	0.06 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-11	16"	E WORKSTATIONS - 1020	2460	2460	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-12	16"	S WORKSTATIONS - 1020	2260	2260	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-13	16"	S WORKSTATIONS - 1020	2260	2260	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-14	16"	S WORKSTATIONS - 1020	2500	2500	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7
VAV-16-15	16"	S WORKSTATIONS - 1020	2500	2500	4000	2000	55°F	95°F	0.04 in-wg	30	83.00 lb	TRANE	VDDF	1,2,3,4,5,6,7

- MAX RADIATED AND DISCHARGE NC OF 30 AT 1.0" PD. NC RATING BASED OFF OF AHRI STANDARD 885-2008
- 1/2 IN. THICK, MIN. 1.5 LB DENSITY FIBERGLASS INTERNAL INSULATION.
- PRESSURE INDEPENDENT OPERATION.
- PROVIDE NEMA 1 ENCLOSURE FOR CONTROLS.
- PROVIDE INSULATED ACCESS PANEL.
- ACCEPTABLE MANUFACTURERS: TRANE, PRICE, KRUEGER, TITUS OR PRIOR APPROVED EQUAL.
- CONTROLS SHALL BE TRANE. SEQUENCE OF UNITS TO BE VARIABLE AIR VOLUME.

REGISTER - GRILLE- DIFFUSER SCHEDULE

LABEL	TYPE	BLOW PATTERN	MAX AIR FLOW (CFM)	FACE SIZE	NECK SIZE	NC	PRESSURE DROP (in-wg)	THROW	MANUFACTURER	MODEL	REMARKS
R-1	LOUVERED RETURN	N/A	1700	24"x24"	N/A	30	0.100	N/A	PRICE	S35	1,2,3,4,5,6,7
R-2	LINEAR RETURN	2-WAY	280	48"	7"	30	0.188	9-12-17(H)/4-6-8(V)	PRICE	SDA/SDS-1"-2 SLOT	1,2,3,4,5,6,7
S-1	SQUARE PLAQUE DIFFUSER	4-WAY	200	12" X 12"	6" Ø	30	0.237	5-7-11	PRICE	SPD	1,2,3,4,5,6,7
S-2	SQUARE PLAQUE DIFFUSER	4-WAY	315	12" X 12"	8" Ø	30	0.343	6-9-14	PRICE	SPD	1,2,3,4,5,6,7
S-3	SQUARE PLAQUE DIFFUSER	4-WAY	235	24" X 24"	6" Ø	30	0.093	4-5-8	PRICE	SPD	1,2,3,4,5,6,7
S-4	SQUARE PLAQUE DIFFUSER	4-WAY	350	24" X 24"	8" Ø	30	0.115	4-6-10	PRICE	SPD	1,2,3,4,5,6,7
S-5	SQUARE PLAQUE DIFFUSER	4-WAY	545	24" X 24"	10" Ø	30	0.180	5-8-12	PRICE	SPD	1,2,3,4,5,6,7
S-6	SQUARE PLAQUE DIFFUSER	4-WAY	705	24" X 24"	12" Ø	30	0.210	6-9-14	PRICE	SPD	1,2,3,4,5,6,7
S-7	SQUARE PLAQUE DIFFUSER	4-WAY	960	24" X 24"	14" Ø	30	0.286	7-11-16	PRICE	SPD	1,2,3,4,5,6,7
S-8	SQUARE PLAQUE DIFFUSER	4-WAY	1100	24" X 24"	15" Ø	30	0.328	8-12-17	PRICE	SPD	1,2,3,4,5,6,7
S-9	LINEAR SUPPLY	2-WAY	280	48"	7"	30	0.188	9-12-17(H)/4-6-8(V)	PRICE	SDA/SDS-1"-2 SLOT	1,2,3,4,5,6,7

- PROVIDE TRANSITION AS NECESSARY
- PROVIDE LAY-IN MODULE AS NECESSARY
- COLOR BY ARCHITECT
- PROVIDE WITH AIR-SCOOP FOR BALANCING
- PROVIDE OWNER WITH TWO LINEAR SLOT ADJUSTMENT TOOLS FOR MODIFYING AIRFLOW DIRECTION
- LINEAR SLOT DIFFUSER TO HAVE CONTINUOUS LOOK WHEN MULTIPLE ARE ADJACENT TO EACH OTHER.
- ACCEPTABLE MANUFACTURERS: PRICE, KRUEGER, TITUS OR PRIOR APPROVED EQUAL.

COOLING ONLY VAV SCHEDULE

LABEL	INLET DIAMETER	OUTLET		COOLING AIR FLOW MAX. (CFM)	MIN. AIR FLOW (CFM)	SOUND RATING	WEIGHT	MANUFACTURER	MODEL	REMARKS
		HEIGHT	WIDTH							
VAV-C	6.000	8"	12"	600	180	30 NC	20	PRICE	SDV	1,2,3,4,5,6,7

- NC BASED OFF OF AHRI STANDARD 885-2008.
- 1/2 IN. THICK, MIN. 1.5 LB DENSITY FIBERGLASS INTERNAL INSULATION.
- PRESSURE INDEPENDENT OPERATION.
- PROVIDE NEMA 1 ENCLOSURE FOR CONTROLS.
- PROVIDE AN INSULATED ACCESS PANEL.
- ACCEPTABLE MANUFACTURERS: TRANE, PRICE, KRUEGER, TITUS OR PRIOR APPROVED EQUAL.
- UNIT TO BE FIRST STAGE OF COOLING.

CONDENSING UNIT SCHEDULE (AIR-COOLED)

LABEL	SERVES	CAPACITY @ EVAP. BTUH	TOTAL HEATING CAPACITY BTUH	SOUND RATING	MCA	VOLTAGE	PHASE	Hz	SEER	EMERGENCY POWER	DISCONNECT		WEIGHT	MANUFACTURER	MODEL	REMARKS
											FURN BY ELEC	FURN BY MECH				
CU-1	IT ROOM	360000.0	53600.0 Btu/h	56	21	208	1	60	15.1	YES	YES	NO	150.00 lbf	Mitsubishi Electric	MUY-D36NA	1,2,3,4
CU-2	IT ROOM	360000.0	53600.0 Btu/h	56	21	208	1	60	15.1	YES	YES	NO	150.00 lbf	Mitsubishi Electric	MUY-D36NA	1,2,3,4

- CONDENSING UNIT LOCATED IN PLENUM HUNG WITH UNISTRUT AND VIBRATION ISOLATORS.
- PROVIDE LIQUID LINE SPECIALTIES INCLUDING FILTER DRIER, SIGHT GLASS, TXV, SOLENOID VALVE, 24 V 1PH CONTROL WIRE BY CONTROLS CONTRACTOR.
- PROVIDE REFRIGERANT PIPING SIZED PER MANUFACTURERS RECOMMENDATIONS. "ACR" COPPER ONLY.
- ACCEPTABLE MANUFACTURERS: MITSUBISHI, LG, FUJITSU, DAIKIN, OR PRIOR APPROVED EQUAL.

MINI-SPLIT AIR CONDITIONING UNIT

LABEL	CFM	COOLING CAPACITY TOTAL	WEIGHT	SOUND RATING	MCA	VOLTAGE	PHASE	Hz	EMERGENCY POWER	DISCONNECT		MANUFACTURER	MODEL	REMARKS
										FURN BY ELEC	FURN BY MECH			
AC-1	850	34600.0 Btu/h	40	51	1	208	1	60	YES	YES	NO	Mitsubishi Electric	MSY-D36NA	1,2,3
AC-2	850	34600.0 Btu/h	40	51	1	208	1	60	YES	YES	NO	Mitsubishi Electric	MSY-D36NA	1,2,3

- PROVIDE WITH CONDENSATE PUMP.
- INDOOR UNIT POWERED FROM OUTDOOR UNIT.
- ACCEPTABLE MANUFACTURERS: MITSUBISHI, LG, FUJITSU, DAIKIN OR PRIOR APPROVED EQUAL.

EXHAUST FAN SCHEDULE

LABEL	CFM	STATIC PRESSURE	FAN RPM	SOUND RATING	WEIGHT	W	FLA	VOLTAGE	PHASE	Hz	MANUFACTURER	MODEL	REMARKS
EF-1	70	0.50 in-wg	950	45	25	35	1 A	115	1	60	Loren Cook Company	GC-168	1,2,3,4,5
EF-2	150	0.50 in-wg	1215	49	30	72	1 A	115	1	60	Loren Cook Company	GC-188	1,2,3,4,5
EF-3	200	0.50 in-wg	1415	47	60	63	1 A	115	1	60	Loren Cook Company	GC-422	1,2,3,4,5
EF-4	50	0.50 in-wg	880	43	30	27	1 A	115	1	60	Loren Cook Company	GC-146	1,2,3,4,5

- PROVIDE WITH BACKDRAFT DAMPER, DISCONNECT SWITCH, SUPPORT BRACKETS AND ISOLATOR, FLEXIBLE CONNECTION, BELT TENSIONER (BELT DRIVE MODELS ONLY)
- PROVIDE VARIABLE SPEED CONTROLLER FOR ALL DIRECT DRIVE FANS. TEST AND BALANCE CONTRACTOR SHALL MARK BALANCED POSITION ON CONTROLLER.
- INTERLOCK WITH LIGHTS AND PROVIDE 10 MINUTE RUN DELAY
- ACCEPTABLE MANUFACTURERS: COOK, GREENHECK, PENN BARRY OR PRIOR APPROVED EQUAL.
- PROVIDE FACTORY AUTHORIZED STARTUP OF EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.



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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

IHC KEY BANK
TOWER FLOORS
10/16

36 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

MECHANICAL
SCHEDULES

REVISIONS

MARK DATE DESCRIPTION

ISSUE DATE: 05/24/2019
ISSUE TYPE: CONSTRUCTION DOCUMENTS
DRAWN BY: TAC
CHECKED BY: RHB
PROJECT#: 20190118

SHEET NUMBER:

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MECHANICAL GENERAL NOTES

- ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION. ELEVATION: 4500 FT SDB: 97 DEGREES SWB: 87 DEGREES WDB: 9 DEGREES
- ALL LOW PRESSURE RECTANGULAR DUCTWORK TO BE LINED WITH INSULATION WITH AN R-VALUE OF R-6. ALL LOW PRESSURE ROUND DUCTWORK TO BE WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
- ALL MEDIUM PRESSURE DUCTWORK TO BE SINGLE WALL WITH EXTERNAL WRAP INSULATION. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
- ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET.
- GRILLES AND DUCTWORK ARE SIZED INDEPENDENTLY. THE NECK SIZE OF GRILLES MAY NOT MATCH THE ASSOCIATED DUCT SIZE. PROVIDE TRANSITION TO GRILLES AS NECESSARY.
- PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
- GO TO HIRE NEBB OR AABC CERTIFIED THIRD PARTY TEST AND BALANCE (TAB) CONTRACTOR. TAB CONTRACTOR SHALL ADJUST SHEAVES, BELTS, DAMPERS, ETC AS NECESSARY TO BALANCE SYSTEM TO AIRFLOWS REQUIRED AT LOWEST POSSIBLE SPEEDS. TAB CONTRACTOR SHALL VERIFY THE OUTSIDE AIR AT EACH RTU IS AS SCHEDULED. FOLLOW PROCEDURES AS LAID FORTH IN THE CURRENT VERSION OF "PROCEDURAL STANDARDS FOR TESTING ADJUSTING AND BALANCING OF ENVIRONMENTAL SYSTEMS" BY NEBB. PROVIDE REPORT ON NEBB FORMS TO ENGINEER FOR REVIEW.
- WHERE PIPE, OR DUCT PENETRATES A RATED ASSEMBLY OR FLOOR AND IS NOT REQUIRED TO BE PROTECTED BY A DAMPER, ALL SPACE BETWEEN THE DUCT AND ASSEMBLY IS TO BE FIRE CAULKED. INSULATION OR COVERINGS ARE NOT TO CONTINUE THROUGH ASSEMBLY UNLESS TESTED AS PART OF AN APPROVED PENETRATION FIRESTOP SYSTEM.
- PROVIDE NEW QUICK RESPONSE FIRE SPRINKLER HEADS IN ALL AREAS OF WORK. SPRINKLER HEADS TO BE ON FLEXIBLE BRAIDED STAINLESS DROPS. SPRINKLER HEAD TO BE CENTER IN HALF OF TILE.
- THIS CONTRACTOR SHALL ENGAGE A FIRE PROTECTION DESIGN BUILD CONTRACTOR TO MODIFY THE EXISTING FIRE SPRINKLER SYSTEM. DESIGNER SHALL BE NICET LEVEL III TECHNICIAN. WORKING PLANS AND CALCULATIONS SHALL BE PREPARED ACCORDING TO NFPA 13, AND BE APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING HYDRAULIC CALCULATIONS IF APPLICABLE.

MECHANICAL GENERAL NOTES

- CONTROLS TO MATCH EXISTING TRANE CONTROLS. TIE INTO EXISTING TRANE CONTROLS DDC SYSTEM AND UPDATED GRAPHICS. PROVIDE ENGINEER WITH 2 WEEKS OF TRENDS SHOWING PROPER OPERATION OF EQUIPMENT UPON COMPLETION OF PROJECT. TRENDS DATA SHALL INCLUDE THE FOLLOWING DATA AT A MINIMUM: SPACE TEMPERATURE, SPACE SET POINT, HEATING OR COOLING MODE, AIR FLOW (FOR VAV SYSTEMS), & VALVE POSITION (FOR VAV SYSTEMS). SEE SEQUENCE OF OPERATIONS AND CONTROLS REQUIREMENTS ON SCHEDULE SHEETS/SPECIFICATIONS.
- COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE AND OWNER. INSTALL THERMOSTATS PER ARCHITECTURAL DETAILS. FAILURE TO DO SO MAY REQUIRE MOVING THERMOSTATS AT CONTRACTORS COST.
- FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING.
- CONTRACTOR SHALL SUBMIT WITH BID, AN ITEMIZED COST BREAKDOWN LISTING ALL MAJOR COMPONENTS, LABOR COST (INCLUDING SUBCONTRACTOR LABOR AND MATERIAL COST), AND ENGINEERING COSTS, FOR BASE BID AND FOR EACH ALTERNATE, FOR THE ENTIRE WORK SCOPE OF THE LABORATORY CONTROLS. WHEN REQUESTED, PROVIDE THE ITEMIZED BREAKDOWN TO THE OWNER POST BID, FOR REVIEW AND APPROVAL.
- PRESSURE TEST NEW HYDRONIC PIPING. USE AMBIENT TEMPERATURE WATER. WHILE FILLING SYSTEM USING DRAINS AND VENTS TO ENSURE NO AIR IN SYSTEM. ISOLATE FROM EXISTING PIPING. SUBJECT PIPING SYSTEM TO 1.5 TIMES THE SYSTEM'S WORKING PRESSURE FOR 20 MINUTES. EXAMINE PIPING, JOINTS, AND CONNECTIONS FOR LEAKAGE. ELIMINATE LEAKS BY TIGHTENING, REPAIRING, OR REPLACING COMPONENTS, AND REPEAT HYDROSTATIC TEST UNTIL THERE ARE NO LEAKS. PREPARE WRITTEN REPORT OF TESTING.
- PROVIDE TEMPORARY BYPASS IN NEW HYDRONIC PIPING PRIOR TO LOOP CONNECTION FOR FLUSHING AND FILLING NEW PIPING. PRESSURE TEST PIPING, AND PROVIDE CHEMICAL TREATMENT TO MATCH BUILDING STANDARD. FAILURE TO DO SO MAY REQUIRE THE CONTRACTOR TO PAY TO REPLACE DAMAGED BOILER, CHILLER, OR PUMPS.
- BALL VALVES SHALL BE FULL PORT WITH BRONZE BODY AND BRASS BALL. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
- INSTALL INSULATION OVER FITTINGS, VALVES, STRAINERS, FLANGES, UNIONS, AND OTHER SPECIALTIES WITH CONTINUOUS THERMAL AND VAPOR-RETARDER INTEGRITY. STRAINERS, CONTROL VALVES, AND BALANCING VALVES SHALL HAVE REMOVABLE INSULATION WITH LABEL INDICATED WHAT TYPE OF PIPE ACCESSORY IS BELOW INSULATION. INSULATION SHALL NOT IMPEDE PROPER OPERATION OF ACCESSORY.

MECHANICAL GENERAL NOTES

- TREAT ALL WATER IN HYDRONIC PIPING. CLEAN PIPING PRIOR TO ADDING CHEMICAL TREATMENT BY FILLING SYSTEM WITH FRESH WATER AND ADD LIQUID ALKALINE COMPOUND WITH EMULSIFYING AGENTS AND DETERGENTS TO REMOVE GREASE AND PETROLEUM PRODUCTS FROM PIPING. CIRCULATE SOLUTION FOR A MINIMUM OF 24 HOURS, DRAIN, CLEAN STRAINER SCREENS, AND REFILL WITH FRESH WATER. DO NOT USE SYSTEM PUMPS FOR CLEAN OR TREATING. A SEPARATE/TEMPORARY FLUSH PUMP MUST BE USED. PERFORM AN ANALYSIS OF MAKEUP WATER TO DETERMINE TYPE AND QUANTITIES OF CHEMICAL TREATMENT NEEDED TO KEEP SYSTEM FREE OF SCALE, CORROSION, AND FOULING AND ADD NECESSARY CHEMICALS TO SYSTEM. PROVIDE SYSTEM WITH CHEMICAL POT FEEDER. PROVIDE WRITTEN REPORTS OF TESTING RESULTS TO ENGINEER FOR REVIEW. INCLUDE 1 YEAR OF SERVICE FOR CHEMICAL TREATMENT INCLUDING CHEMICALS, APPROVED CHEMICAL TREATMENT CONTRACTORS ARE POWERS ENGINEERING AND W.E.S.T. INC.
- AUTOMATIC CONTROL VALVES SHALL BE TWO WAY PRESSURE INDEPENDENT BALL VALVES. PRESSURE INDEPENDENT VALVES SHALL PROVIDE 100% CONTROL VALVE AUTHORITY AND SHALL HAVE LINEAR FLOW CHARACTERISTIC. BALANCING CONTRACTOR SHOULD SUBMIT TWO DIFFERENT PRICES: ONE WITH MANUAL BALANCING VALVES AND ONE WITH PRESSURE INDEPENDENT CONTROL VALVES.
- TEST DUCTWORK PER CURRENT SMACNA HVAC AIR DUCT LEAKAGE TEST MANUAL. 1" WATER GAGE PRESSURE CLASS IS THE BASIS OF COMPLIANCE EXCEPT WHEN THE DUCT IS VARIABLE VOLUME. ALL VARIABLE VOLUME DUCT UPSTREAM OF VAV BOXES HAS A 2" W.G BASIS OF COMPLIANCE. RECTANGULAR AIR DUCTWORK TO HAVE A LEAKAGE CLASSIFICATION OF 24 AND ROUND DUCTWORK A LEAKAGE CLASSIFICATION OF 12. TEST TWO DIFFERENT SECTIONS OF DUCT 30' IN LENGTH OR GREATER. IF EITHER DUCT SECTION FAILS TWO DIFFERENT SECTION ALSO TO BE TESTED. RE-SEAL ANY FAILED DUCT SECTIONS AND RE-TEST AFTER SEALANT HAS CURED. PREPARE REPORTS WITH TEST RESULTS AND ANY ACTION TAKEN.
- PROVIDE FACTORY AUTHORIZED STARTUP OF ALL EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.

MECHANICAL GENERAL NOTES

- GENERAL CONTRACTOR SHALL HIRE A 3RD PARTY COMMISSIONING AGENT TO COMMISSION NEW HVAC EQUIPMENT. COMMISSIONING AGENT SHALL BE LICENSED MECHANICAL ENGINEER. COMMISSIONING AGENT TO PROVIDE COMMISSIONING PLAN LISTING EQUIPMENT AND TEST TO BE PERFORMED TO ENGINEER FOR REVIEW. COMMISSIONING AGENT SHALL PROVIDE REPORT STATING ANY SYSTEM DEFICIENCIES AND LISTING ANY DEFERRED TESTS.
- PROVIDE OPERATION AND MAINTENANCE MANUALS (O&M) WITHIN 30 DAYS OF CERTIFICATE OF OCCUPANCY FOR ALL EQUIPMENT IN DIGITAL FORMAT TO ENGINEER FOR REVIEW. O&M'S SHALL INCLUDE DOCUMENTATION OF ALL WARRANTIES, REPORTS AND TESTS, RECORD DRAWINGS, CONTROLS SEQUENCE OF OPERATIONS WITH DIAGRAMS, & EQUIPMENT INFORMATION. EQUIPMENT INFORMATION INCLUDES MAKE & MODEL, WIRING, PIPING, STARTUP, SHUTDOWN, TROUBLE SHOOTING, AND MAINTENANCE PROCEDURES.
- CONTRACTOR TO PROVIDE ALL DUCT RISER/OFFSET FITTINGS AS REQUIRED TO ROUTE THE DUCTING AS SHOWN. VERIFY EXISTING BEAM HEIGHTS BEFORE THE START OF CONSTRUCTION.
- PROVIDE REMOTE CABLE OPERATED DAMPERS FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
- PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
- ALL MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABELED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- PROVIDE SOUND BOOT ON ALL RETURN GRILLES. SOUND BOOT TO BE SHEET METAL WITH ACOUSTICAL DUCT LINER. DUCT BOARD IS NOT AN APPROVED MATERIAL FOR SOUND BOOTS. SEE SOUND BOOT DETAIL.
- MECHANICAL PIPING SCHEDULE:
1. HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER - PROGRESS FITTING JOINTS

SHEET KEYNOTES

- REMOVE ALL DIFFUSERS, DUCT WORK, DUAL DUCT BOXES, CONTROLS, ETC. BACK TO MAIN SHAFT.
- EXISTING HOT WATER SUPPLY RISER TO REMAIN.
- ALL EXISTING FINNED TUBE AND ASSOCIATED PIPING TO REMAIN EXCEPT WHERE NOTED.
- EXISTING HOT WATER RETURN RISER TO REMAIN.



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PROJECT DESCRIPTION

**IHC KEY BANK
TOWER FLOORS
10/16**

36 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 10 MECHANICAL
DEMO PLAN**

REVISIONS

MARK	DATE	DESCRIPTION

ISSUE DATE: 05/24/2019

ISSUE TYPE: CONSTRUCTION DOCUMENTS

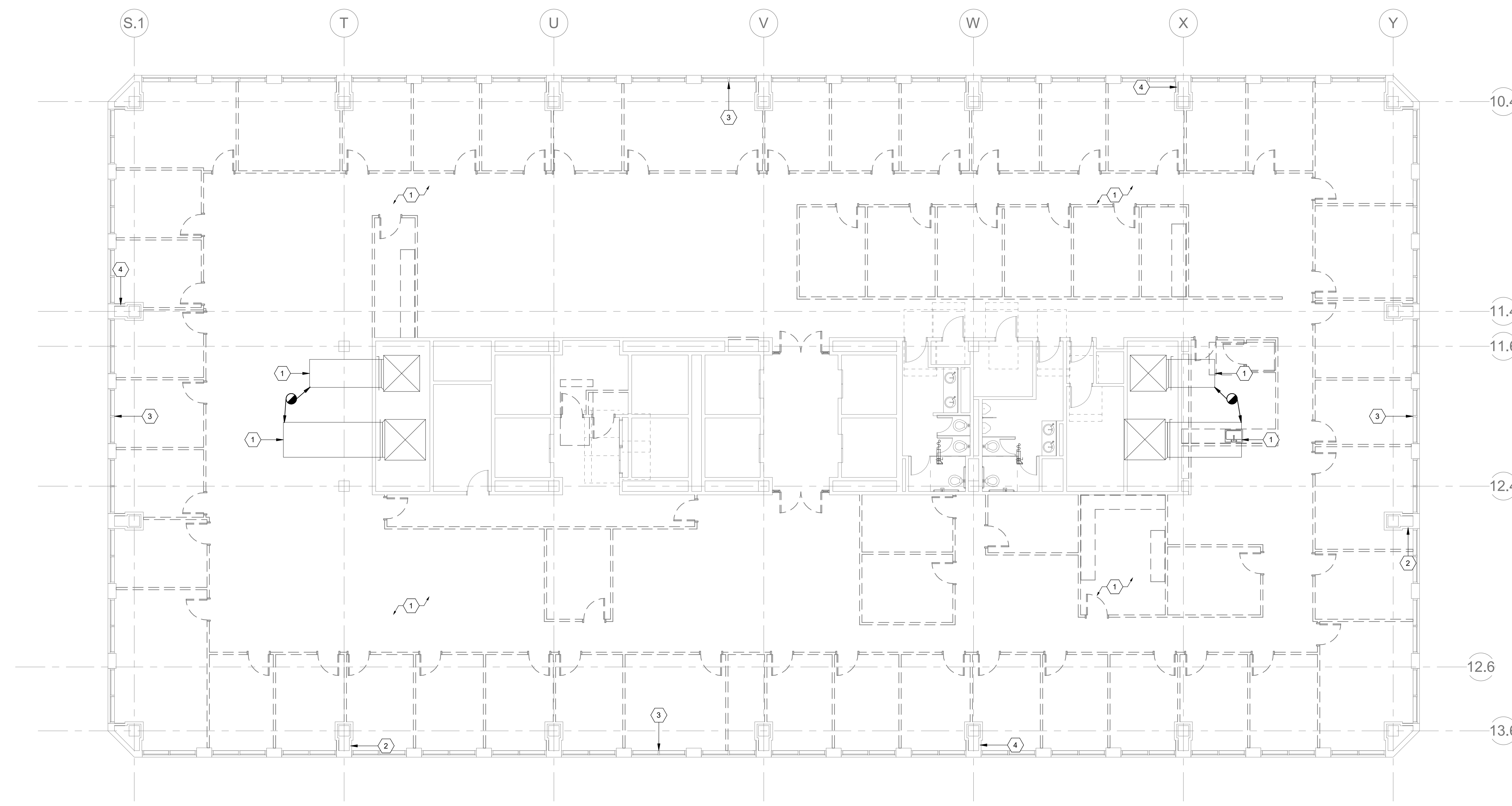
DRAWN BY: TAC

CHECKED BY: RHB

PROJECT#: 20190118

SHEET NUMBER:

MD101



LEVEL 10 MECHANICAL DEMOLITION
PLAN
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1/8" = 1'-0"

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MECHANICAL GENERAL NOTES

- ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION. ELEVATION: 4500 FT SDB; 97 DEGREES SWB; 07 DEGREES WDB; 9 DEGREES.
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- ALL MEDIUM PRESSURE DUCTWORK TO BE SINGLE WALL WITH EXTERNAL WRAP INSULATION. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
- ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET.
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- PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
- GC TO HIRE NEBB OR AABC CERTIFIED THIRD PARTY TEST AND BALANCE (TAB) CONTRACTOR. TAB CONTRACTOR SHALL ADJUST SHEAVES, BELTS, DAMPERS, ETC AS NECESSARY TO BALANCE SYSTEM TO AIRFLOWS REQUIRED AT LOWEST POSSIBLE SPEEDS. TAB CONTRACTOR SHALL VERIFY THE OUTSIDE AIR AT EACH RTU IS AS SCHEDULED. FOLLOW PROCEDURES AS LAID FORTH IN THE CURRENT VERSION OF "PROCEDURAL STANDARDS FOR TESTING ADJUSTING AND BALANCING OF ENVIRONMENTAL SYSTEMS" BY NEBB. PROVIDE REPORT ON NEBB FORMS TO ENGINEER FOR REVIEW.
- WHERE PIPE, OR DUCT PENETRATES A RATED ASSEMBLY OR FLOOR AND IS NOT REQUIRED TO BE PROTECTED BY A DAMPER, ALL SPACE BETWEEN THE DUCT AND ASSEMBLY IS TO BE FIRE CAULKED. INSULATION OR COVERINGS ARE NOT TO CONTINUE THROUGH ASSEMBLY UNLESS TESTED AS PART OF AN APPROVED PENETRATION FIRESTOP SYSTEM.
- PROVIDE NEW QUICK RESPONSE FIRE SPRINKLER HEADS IN ALL AREAS OF WORK. SPRINKLER HEADS TO BE ON FLEXIBLE BRAIDED STAINLESS DROPS. SPRINKLER HEAD TO BE CENTER IN HALF OF TILE.
- THIS CONTRACTOR SHALL ENGAGE A FIRE PROTECTION DESIGN BUILD CONTRACTOR TO MODIFY THE EXISTING FIRE SPRINKLER SYSTEM. DESIGNER SHALL BE NICET LEVEL III TECHNICIAN. WORKING PLANS AND CALCULATIONS SHALL BE PREPARED ACCORDING TO NFPA 13, AND BE APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING HYDRAULIC CALCULATIONS IF APPLICABLE.

MECHANICAL GENERAL NOTES

- CONTROLS TO MATCH EXISTING TRANE CONTROLS. TIE INTO EXISTING TRANE CONTROLS DDC SYSTEM AND UPDATED GRAPHICS. PROVIDE ENGINEER WITH 2 WEEKS OF TRENDS SHOWING PROPER OPERATION OF EQUIPMENT UPON COMPLETION OF PROJECT. TRENDS DATA SHALL INCLUDE THE FOLLOWING DATA AT A MINIMUM: SPACE TEMPERATURE, SPACE SET POINT, HEATING OR COOLING MODE, AIR FLOW (FOR VAV SYSTEMS), & VALVE POSITION (FOR VAV SYSTEMS). SEE SEQUENCE OF OPERATIONS AND CONTROLS REQUIREMENTS ON SCHEDULE SHEET/SPECIFICATIONS.
- COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE AND OWNER. INSTALL THERMOSTATS PER ARCHITECTURAL DETAILS. FAILURE TO DO SO MAY REQUIRE MOVING THERMOSTATS AT CONTRACTORS COST.
- FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING.
- CONTRACTOR SHALL SUBMIT WITH BID, AN ITEMIZED COST BREAKDOWN LISTING ALL MAJOR COMPONENTS, LABOR COST (INCLUDING SUBCONTRACTOR LABOR AND MATERIAL COST), AND ENGINEERING COSTS, FOR BASE BID AND FOR EACH ALTERNATE. FOR THE ENTIRE WORK SCOPE OF THE LABORATORY CONTROLS. WHEN REQUESTED, PROVIDE THE ITEMIZED BREAKDOWN TO THE OWNER POST BID, FOR REVIEW AND APPROVAL.
- PRESSURE TEST NEW HYDRONIC PIPING. USE AMBIENT TEMPERATURE WATER. WHILE FILLING SYSTEM USING DRAINS AND VENTS TO ENSURE NO AIR IN SYSTEM. ISOLATE FROM EXISTING PIPING. SUBJECT PIPING SYSTEM TO 1.5 TIMES THE SYSTEM'S WORKING PRESSURE FOR 20 MINUTES. EXAMINE PIPING, JOINTS, AND CONNECTIONS FOR LEAKAGE. ELIMINATE LEAKS BY TIGHTENING, REPAIRING, OR REPLACING COMPONENTS, AND REPEAT HYDROSTATIC TEST UNTIL THERE ARE NO LEAKS. PREPARE WRITTEN REPORT OF TESTING.
- PROVIDE TEMPORARY BYPASS IN NEW HYDRONIC PIPING PRIOR TO LOOP CONNECTION FOR FLUSHING AND FILLING NEW PIPING. PRESSURE TEST PIPING, AND PROVIDE CHEMICAL TREATMENT TO MATCH BUILDING STANDARD. FAILURE TO DO SO MAY REQUIRE THE CONTRACTOR TO PAY TO REPLACE DAMAGED BOILER, CHILLER, OR PUMPS.
- BALL VALVES SHALL BE FULL PORT WITH BRONZE BODY AND BRASS BALL. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
- INSTALL INSULATION OVER FITTINGS, VALVES, STRAINERS, FLANGES, UNIONS, AND OTHER SPECIALTIES WITH CONTINUOUS THERMAL AND VAPOR-RETARDER INTEGRITY. STRAINERS, CONTROL VALVES, AND BALANCING VALVES SHALL HAVE REMOVABLE INSULATION WITH LABEL INDICATED WHAT TYPE OF PIPE ACCESSORY IS BELOW INSULATION. INSULATION SHALL NOT IMPEDE PROPER OPERATION OF ACCESSORY.

MECHANICAL GENERAL NOTES

- TREAT ALL WATER IN HYDRONIC PIPING. CLEAN PIPING PRIOR TO ADDING CHEMICAL TREATMENT BY FILLING SYSTEM WITH FRESH WATER AND ADD LIQUID ALKALINE COMPOUND WITH EMULSIFYING AGENTS AND DETERGENTS TO REMOVE GREASE AND PETROLEUM PRODUCTS FROM PIPING. CIRCULATE SOLUTION FOR A MINIMUM OF 24 HOURS. DRAIN, CLEAN STRAINER SCREENS, AND REFILL WITH FRESH WATER. DO NOT USE SYSTEM PUMPS FOR CLEAN OR TREATING. A SEPARATE/TEMPORARY FLUSH PUMP MUST BE USED. PERFORM AN ANALYSIS OF MAKEUP WATER TO DETERMINE TYPE AND QUANTITIES OF CHEMICAL TREATMENT NEEDED TO KEEP SYSTEM FREE OF SCALE, CORROSION, AND FOULING AND ADD NECESSARY CHEMICALS TO SYSTEM. PROVIDE SYSTEM WITH CHEMICAL POT FEEDER. PROVIDE WRITTEN REPORTS OF TESTING RESULTS TO ENGINEER FOR REVIEW. INCLUDE 1 YEAR OF SERVICE FOR CHEMICAL TREATMENT INCLUDING CHEMICALS. APPROVED CHEMICAL TREATMENT CONTRACTORS ARE POWERS ENGINEERING AND W.E.S.T. INC.
- AUTOMATIC CONTROL VALVES SHALL BE TWO WAY PRESSURE INDEPENDENT BALL VALVES. PRESSURE INDEPENDENT VALVES SHALL PROVIDE 100% CONTROL VALVE AUTHORITY AND SHALL HAVE LINEAR FLOW CHARACTERISTIC. BALANCING CONTRACTOR SHOULD SUBMITT TWO DIFFERENT PRICES: ONE WITH MANUAL BALANCING VALVES AND ONE WITH PRESSURE INDEPENDENT CONTROL VALVES.
- TEST DUCTWORK PER CURRENT SMACNA HVAC AIR DUCT LEAKAGE TEST MANUAL. 1" WATER GAGE PRESSURE CLASS IS THE BASIS OF COMPLIANCE EXCEPT WHEN THE DUCT IS VARIABLE VOLUME. ALL VARIABLE VOLUME DUCT UPSTREAM OF VAV BOXES HAS A 2" W.G BASIS OF COMPLIANCE. RECTANGULAR DUCTWORK TO HAVE A LEAKAGE CLASSIFICATION OF 24 AND ROUND DUCTWORK A LEAKAGE CLASSIFICATION OF 12. TEST TWO DIFFERENT SECTIONS OF DUCT 30' IN LENGTH OR GREATER. IF EITHER DUCT SECTION FAILS TWO DIFFERENT SECTION ALSO TO BE TESTED. RE-SEAL ANY FAILED DUCT SECTIONS AND RE-TEST AFTER SEALANT HAS CURED. PREPARE REPORTS WITH TEST RESULTS AND ANY ACTION TAKEN.
- PROVIDE FACTORY AUTHORIZED STARTUP OF ALL EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.

MECHANICAL GENERAL NOTES

- GENERAL CONTRACTOR SHALL HIRE A 3RD PARTY COMMISSIONING AGENT TO COMMISSION NEW HVAC EQUIPMENT. COMMISSIONING AGENT SHALL BE LICENSED MECHANICAL ENGINEER. COMMISSIONING AGENT TO PROVIDE COMMISSIONING PLAN LISTING EQUIPMENT AND TEST TO BE PERFORMED TO ENGINEER FOR REVIEW. COMMISSIONING AGENT SHALL PROVIDE REPORT STATING ANY SYSTEM DEFICIENCIES AND LISTING ANY DEFERRED TESTS.
- PROVIDE OPERATION AND MAINTENANCE MANUALS (O&M) WITHIN 30 DAYS OF CERTIFICATE OF OCCUPANCY FOR ALL EQUIPMENT IN DIGITAL FORMAT TO ENGINEER FOR REVIEW. O&M'S SHALL INCLUDE DOCUMENTATION OF ALL WARRANTIES, REPORTS AND TESTS, RECORD DRAWINGS, CONTROLS SEQUENCE OF OPERATIONS WITH DIAGRAMS, & EQUIPMENT INFORMATION. EQUIPMENT INFORMATION INCLUDES MAKE & MODEL, WIRING, PIPING, STARTUP, SHUTDOWN, TROUBLE SHOOTING, AND MAINTENANCE PROCEDURES.
- CONTRACTOR TO PROVIDE ALL DUCT RISER/OFFSET FITTINGS AS REQUIRED TO ROUTE THE DUCTING AS SHOWN. VERIFY EXISTING BEAM HEIGHTS BEFORE THE START OF CONSTRUCTION.
- PROVIDE REMOTE CABLE OPERATED DAMPERS FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
- PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
- ALL MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABELED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- PROVIDE SOUND BOOT ON ALL RETURN GRILLES. SOUND BOOT TO BE SHEET METAL WITH ACOUSTICAL DUCT LINER. DUCT BOARD IS NOT AN APPROVED MATERIAL FOR SOUND BOOTS. SEE SOUND BOOT DETAIL.
- MECHANICAL PIPING SCHEDULE:
 - HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER - PROGRESS FITTING JOINTS

△ SHEET KEYNOTES

- REMOVE ALL DIFFUSERS, DUCT WORK, DUAL DUCT BOXES, CONTROLS, ETC. BACK TO MAIN SHAFT.
- EXISTING HOT WATER SUPPLY RISER TO REMAIN.
- ALL EXISTING FINNED TUBE AND ASSOCIATED PIPING TO REMAIN EXCEPT WHERE NOTED.
- EXISTING HOT WATER RETURN RISER TO REMAIN.



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 www.spectrum-engineers.com

PROJECT DESCRIPTION

**IHC KEY BANK
TOWER FLOORS
10/16**

36 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 16 MECHANICAL
DEMO PLAN**

REVISIONS

MARK	DATE	DESCRIPTION
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ISSUE DATE: 05/24/2019

ISSUE TYPE: CONSTRUCTION DOCUMENTS

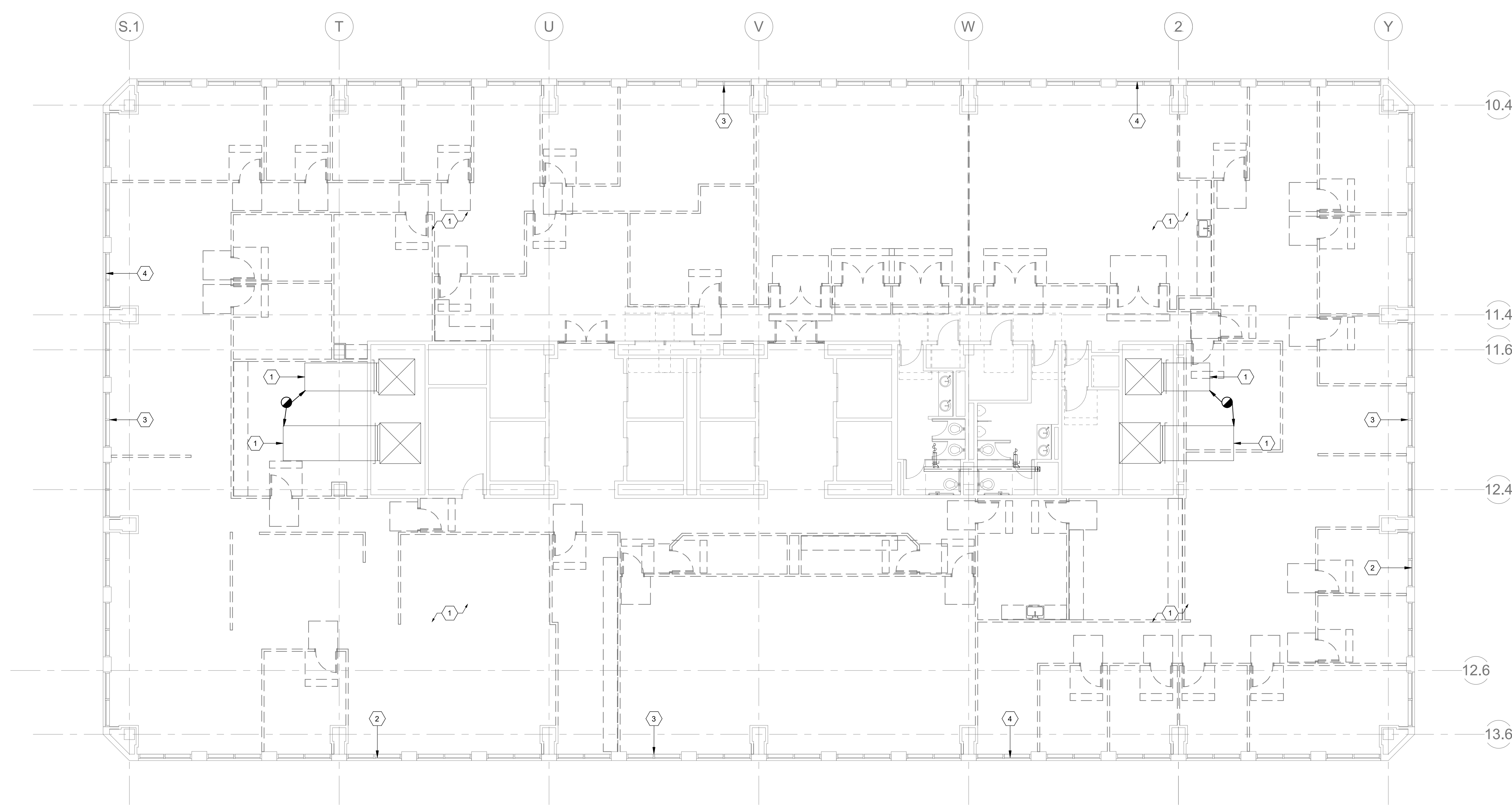
DRAWN BY: TAC

CHECKED BY: RHB

PROJECT#: 20190118

SHEET NUMBER:

MD102



**LEVEL 16 MECHANICAL DEMOLITION
PLAN**
 1/8" = 1'-0"

6/5/2019 11:43:40 AM C:\Users\vac\Documents\20190118 Mech Central\l0cl75FW.rvt
 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THE DRAWING ARE THE PROPERTY OF A/C ARCHITECTS PC AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF A/C ARCHITECTS PC. REVISIONS, CHANGES AND MODIFICATIONS TO THE DRAWING SHALL BE INDICATED BY THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DIMENSIONS. WARNING: REPRODUCTION HEREOF BY A CRIMINAL OFFENSE UNDER U.S. OR STATE LAW IS PROHIBITED. UNAUTHORIZED DISCLOSURE OR REPRODUCTION IS PROHIBITED.

MECHANICAL GENERAL NOTES

- ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION. ELEVATION: 4500 FT SDB: 97 DEGREES SWB: 67 DEGREES WDB: 9 DEGREES.
- ALL LOW PRESSURE RECTANGULAR DUCTWORK TO BE LINED WITH INSULATION WITH AN R-VALUE OF R-6. ALL LOW PRESSURE ROUND DUCTWORK TO BE WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
- ALL MEDIUM PRESSURE DUCTWORK TO BE SINGLE WALL WITH EXTERNAL WRAP INSULATION. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
- ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET.
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- PROVIDE BALANCING VALVE WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
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- WHERE PIPE, OR DUCT PENETRATES A RATED ASSEMBLY OR FLOOR AND IS NOT REQUIRED TO BE PROTECTED BY A DAMPER, ALL SPACE BETWEEN THE DUCT AND ASSEMBLY IS TO BE FIRE CAULKED. INSULATION OR COVERINGS ARE NOT TO CONTINUE THROUGH ASSEMBLY UNLESS TESTED AS PART OF AN APPROVED PENETRATION FIRESTOP SYSTEM.
- PROVIDE NEW QUICK RESPONSE FIRE SPRINKLER HEADS IN ALL AREAS OF WORK. SPRINKLER HEADS TO BE ON FLEXIBLE BRAIDED STAINLESS DROPS. SPRINKLER HEAD TO BE CENTER IN HALF OF TILE.
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MECHANICAL GENERAL NOTES

- CONTROLS TO MATCH EXISTING TRANE CONTROLS. TIE INTO EXISTING TRANE CONTROLS DDC SYSTEM AND UPDATED GRAPHICS. PROVIDE ENGINEER WITH 2 WEEKS OF TRENDS SHOWING PROPER OPERATION OF EQUIPMENT UPON COMPLETION OF PROJECT. TRENDS DATA SHALL INCLUDE THE FOLLOWING DATA AT A MINIMUM: SPACE TEMPERATURE, SPACE SET POINT, HEATING OR COOLING MODE, AIR FLOW (FOR VAV SYSTEMS), & VALVE POSITION (FOR VAV SYSTEMS). SEE SEQUENCE OF OPERATIONS AND CONTROLS REQUIREMENTS ON SCHEDULE SHEETS/SPECIFICATIONS.
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 - HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER - PROGRESS FITTING JOINTS

MECHANICAL GENERAL NOTES

- GENERAL CONTRACTOR SHALL HIRE A 3RD PARTY COMMISSIONING AGENT TO COMMISSION NEW HVAC EQUIPMENT. COMMISSIONING AGENT SHALL BE LICENSED MECHANICAL ENGINEER. COMMISSIONING AGENT TO PROVIDE COMMISSIONING PLAN LISTING EQUIPMENT AND TEST TO BE PERFORMED TO ENGINEER FOR REVIEW. COMMISSIONING AGENT SHALL PROVIDE REPORT STATING ANY SYSTEM DEFICIENCIES AND LISTING ANY DEFERRED TESTS.
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- CONTRACTOR TO PROVIDE ALL DUCT RISER/OFFSET FITTINGS AS REQUIRED TO ROUTE THE DUCTING AS SHOWN. VERIFY EXISTING BEAM HEIGHTS BEFORE THE START OF CONSTRUCTION.
- PROVIDE REMOTE CABLE OPERATED DAMPERS FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
- PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
- ALL MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABELED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- PROVIDE SOUND BOOT ON ALL RETURN GRILLES. SOUND BOOT TO BE SHEET METAL WITH ACOUSTICAL DUCT LINER. DUCT BOARD IS NOT AN APPROVED MATERIAL FOR SOUND BOOTS. SEE SOUND BOOT DETAIL.

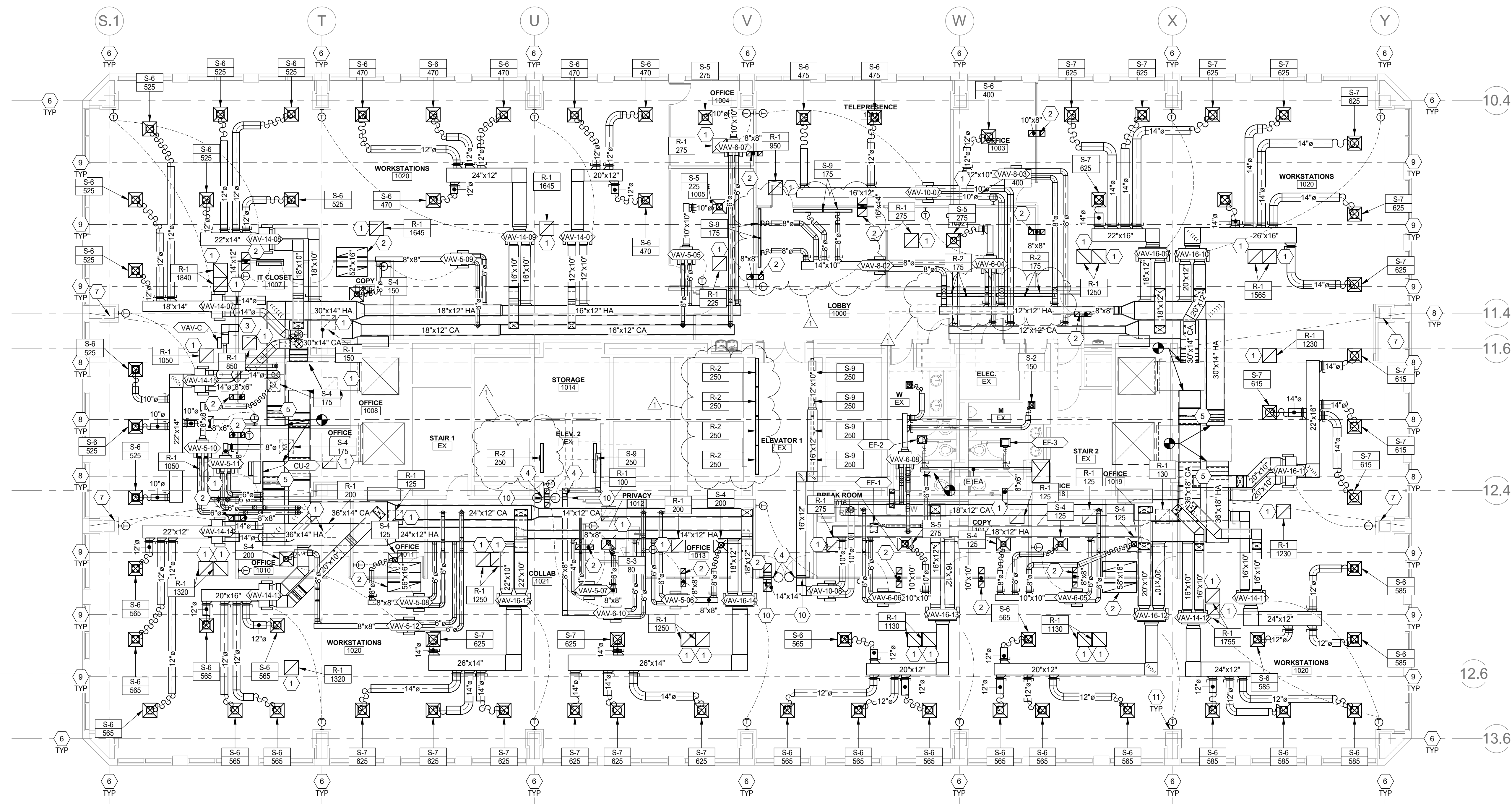
SHEET KEYNOTES

- PROVIDE RETURN GRILLE WITH SOUND BOOT. SEE STANDARD SOUND BOOT DETAIL ON ME501.
- PROVIDE SOUND BOOT IN THIS APPROXIMATE LOCATION. SEE SOUND BOOT THROUGH WALL DETAIL ON ME501.
- PROVIDE PANS BENEATH ALL WATER PIPING, INCLUDING FIRE SPRINKLERS, OVER IT ROOM.
- PROVIDE FIRE/SMOKE DAMPER AT THIS APPROXIMATE LOCATION.
- DUCT RISE/DROP IN THIS APPROXIMATE LOCATION.
- STRUCTURAL BEAM AT THIS APPROXIMATE LOCATION. BOTTOM OF BEAM 9'-5" FROM FLOOR. PROVIDE DUCT RISERS/OFFSETS AS NECESSARY.
- STRUCTURAL BEAM AT THIS APPROXIMATE LOCATION. BOTTOM OF BEAM 10'-2" FROM FLOOR. PROVIDE DUCT RISERS/OFFSETS AS NECESSARY.
- STRUCTURAL BEAM AT THIS APPROXIMATE LOCATION. BOTTOM OF BEAM 10'-7" FROM FLOOR. PROVIDE DUCT RISERS/OFFSETS AS NECESSARY.
- STRUCTURAL BEAM AT THIS APPROXIMATE LOCATION. BOTTOM OF BEAM 10'-8" FROM FLOOR. PROVIDE DUCT RISERS/OFFSETS AS NECESSARY.
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- SEE ARCHITECTURAL ENLARGED PLANS AND INTERIOR ELEVATIONS SHEETS FOR ALIGNMENTS

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ARCHITECT / CONSULTANT



1 LEVEL 10 MECHANICAL PLAN
1/8" = 1'-0"

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PROJECT DESCRIPTION
IHC KEY BANK TOWER FLOORS 10/16

36 SOUTH STATE STREET
 SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:
LEVEL 10 MECHANICAL PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	06/05/19	Addendum #1

ISSUE DATE: 05/24/2019
 ISSUE TYPE: CONSTRUCTION DOCUMENTS
 DRAWN BY: TAC
 CHECKED BY: RHB
 PROJECT#: 20190118
 SHEET NUMBER:

MH101

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 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS PC. THIS DRAWING IS THE PROPERTY OF AJC ARCHITECTS PC AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. UNAUTHORIZED REPRODUCTION OR DISSEMINATION OF THIS DRAWING IS STRICTLY PROHIBITED. REVISIONS SHALL BE NOTED BY THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DIMENSIONS. WARNING: REPRODUCTION WITHOUT WRITTEN CONSENT MAY CONSTITUTE A TRADE SECRET. INAPPROPRIATE IN VIOLATION OF U.S. PATENT AND TRADEMARK LAWS.

MECHANICAL GENERAL NOTES

1. ALL EQUIPMENT TO BE SELECTED BASED OFF OF SITE INFORMATION. ELEVATION: 4500 FT SDB; 97 DEGREES SWB; 67 DEGREES WDB; 9 DEGREES.
2. ALL LOW PRESSURE RECTANGULAR DUCTWORK TO BE LINED WITH INSULATION WITH AN R-VALUE OF R-6. ALL LOW PRESSURE ROUND DUCTWORK TO BE WRAPPED WITH INSULATION WITH AN R-VALUE OF R-6. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
3. ALL MEDIUM PRESSURE DUCTWORK TO BE SINGLE WALL WITH EXTERNAL WRAP INSULATION. NO DUCT LINER IN OUTSIDE AIR DUCTWORK OR DUCTWORK WITH IN DUCT HUMIDIFIERS.
4. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
5. FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET.
6. GRILLES AND DUCTWORK ARE SIZED INDEPENDENTLY. THE NECK SIZE OF GRILLES MAY NOT MATCH THE ASSOCIATED DUCT SIZE. PROVIDE TRANSITION TO GRILLES AS NECESSARY.
7. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
8. GO TO HIRE NEBB OR AABC CERTIFIED THIRD PARTY TEST AND BALANCE (TAB) CONTRACTOR. TAB CONTRACTOR SHALL ADJUST SHEAVES, BELTS, DAMPERS, ETC AS NECESSARY TO BALANCE SYSTEM TO AIRFLOWS REQUIRED AT LOWEST POSSIBLE SPEEDS. TAB CONTRACTOR SHALL VERIFY THE OUTSIDE AIR AT EACH RTU IS AS SCHEDULED. FOLLOW PROCEDURES AS LAID FORTH IN THE CURRENT VERSION OF "PROCEDURAL STANDARDS FOR TESTING ADJUSTING AND BALANCING OF ENVIRONMENTAL SYSTEMS" BY NEBB. PROVIDE REPORT ON NEBB FORMS TO ENGINEER FOR REVIEW.
9. WHERE PIPE, OR DUCT PENETRATES A RATED ASSEMBLY OR FLOOR AND IS NOT REQUIRED TO BE PROTECTED BY A DAMPER, ALL SPACE BETWEEN THE DUCT AND ASSEMBLY IS TO BE FIRE CAULKED. INSULATION OR COVERINGS ARE NOT TO CONTINUE THROUGH ASSEMBLY UNLESS TESTED AS PART OF AN APPROVED PENETRATION FIRESTOP SYSTEM.
10. PROVIDE NEW QUICK RESPONSE FIRE SPRINKLER HEADS IN ALL AREAS OF WORK. SPRINKLER HEADS TO BE ON FLEXIBLE BRAIDED STAINLESS DROPS. SPRINKLER HEAD TO BE CENTER IN HALF OF TILE.
11. THIS CONTRACTOR SHALL ENGAGE A FIRE PROTECTION DESIGN BUILD CONTRACTOR TO MODIFY THE EXISTING FIRE SPRINKLER SYSTEM. DESIGNER SHALL BE NICET LEVEL III TECHNICIAN. WORKING PLANS AND CALCULATIONS SHALL BE PREPARED ACCORDING TO NFPA 13, AND BE APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING HYDRAULIC CALCULATIONS IF APPLICABLE.

MECHANICAL GENERAL NOTES

12. CONTROLS TO MATCH EXISTING TRANE CONTROLS. TIE INTO EXISTING TRANE CONTROLS DDC SYSTEM AND UPDATED GRAPHICS. PROVIDE ENGINEER WITH 2 WEEKS OF TRENDS SHOWING PROPER OPERATION OF EQUIPMENT UPON COMPLETION OF PROJECT. TRENDS DATA SHALL INCLUDE THE FOLLOWING DATA AT A MINIMUM: SPACE TEMPERATURE, SPACE SET POINT, HEATING OR COOLING MODE, AIR FLOW (FOR VAV SYSTEMS), & VALVE POSITION (FOR VAV SYSTEMS). SEE SEQUENCE OF OPERATIONS AND CONTROLS REQUIREMENTS ON SCHEDULE SHEET/SPECIFICATIONS.
13. COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE AND OWNER. INSTALL THERMOSTATS PER ARCHITECTURAL DETAILS. FAILURE TO DO SO MAY REQUIRE MOVING THERMOSTATS AT CONTRACTORS COST.
14. FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING.
15. CONTRACTOR SHALL SUBMIT WITH BID, AN ITEMIZED COST BREAKDOWN LISTING ALL MAJOR COMPONENTS, LABOR COST (INCLUDING SUBCONTRACTOR LABOR AND MATERIAL COST), AND ENGINEERING COSTS, FOR BASE BID AND FOR EACH ALTERNATE, FOR THE ENTIRE WORK SCOPE OF THE LABORATORY CONTROLS. WHEN REQUESTED, PROVIDE THE ITEMIZED BREAKDOWN TO THE OWNER POST BID, FOR REVIEW AND APPROVAL.
16. PRESSURE TEST NEW HYDRONIC PIPING. USE AMBIENT TEMPERATURE WATER. WHILE FILLING SYSTEM USING DRAINS AND VENTS TO ENSURE NO AIR IN SYSTEM. ISOLATE FROM EXISTING PIPING. SUBJECT PIPING SYSTEM TO 1.5 TIMES THE SYSTEM'S WORKING PRESSURE FOR 20 MINUTES. EXAMINE PIPING, JOINTS, AND CONNECTIONS FOR LEAKAGE. ELIMINATE LEAKS BY TIGHTENING, REPAIRING, OR REPLACING COMPONENTS, AND REPEAT HYDROSTATIC TEST UNTIL THERE ARE NO LEAKS. PREPARE WRITTEN REPORT OF TESTING.
17. PROVIDE TEMPORARY BYPASS IN NEW HYDRONIC PIPING PRIOR TO LOOP CONNECTION FOR FLUSHING AND FILLING NEW PIPING. PRESSURE TEST PIPING, AND PROVIDE CHEMICAL TREATMENT TO MATCH BUILDING STANDARD. FAILURE TO DO SO MAY REQUIRE THE CONTRACTOR TO PAY TO REPLACE DAMAGED BOILER, CHILLER, OR PUMPS.
18. BALL VALVES SHALL BE FULL PORT WITH BRONZE BODY AND BRASS BALL. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
19. INSTALL INSULATION OVER FITTINGS, VALVES, STRAINERS, FLANGES, UNIONS, AND OTHER SPECIALTIES WITH CONTINUOUS THERMAL AND VAPOR-RETARDER INTEGRITY. STRAINERS, CONTROL VALVES, AND BALANCING VALVES SHALL HAVE REMOVABLE INSULATION WITH LABEL INDICATED WHAT TYPE OF PIPE ACCESSORY IS BELOW INSULATION. INSULATION SHALL NOT IMPEDE PROPER OPERATION OF ACCESSORY.

MECHANICAL GENERAL NOTES

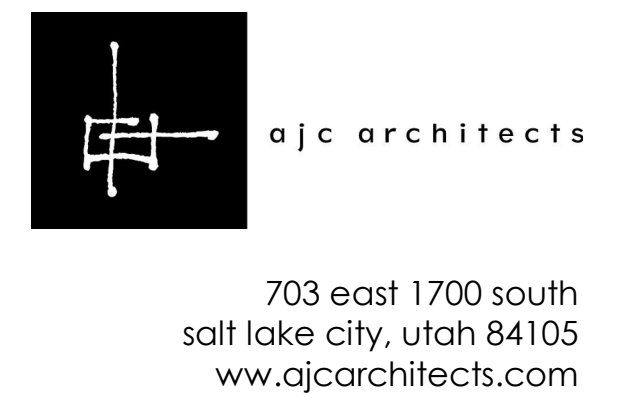
20. TREAT ALL WATER IN HYDRONIC PIPING. CLEAN PIPING PRIOR TO ADDING CHEMICAL TREATMENT BY FILLING SYSTEM WITH FRESH WATER AND ADD LIQUID ALKALINE COMPOUND WITH EMULSIFYING AGENTS AND DETERGENTS TO REMOVE GREASE AND PETROLEUM PRODUCTS FROM PIPING. CIRCULATE SOLUTION FOR A MINIMUM OF 24 HOURS, DRAIN, CLEAN STRAINER SCREENS, AND REFILL WITH FRESH WATER. DO NOT USE SYSTEM PUMPS FOR CLEAN OR TREATING. A SEPARATE/TEMPORARY FLUSH PUMP MUST BE USED. PERFORM AN ANALYSIS OF MAKEUP WATER TO DETERMINE TYPE AND QUANTITIES OF CHEMICAL TREATMENT NEEDED TO KEEP SYSTEM FREE OF SCALE, CORROSION, AND FOULING AND ADD NECESSARY CHEMICALS TO SYSTEM. PROVIDE SYSTEM WITH CHEMICAL POT FEEDER. PROVIDE WRITTEN REPORTS OF TESTING RESULTS TO ENGINEER FOR REVIEW. INCLUDE 1 YEAR OF SERVICE FOR CHEMICAL TREATMENT INCLUDING CHEMICALS. APPROVED CHEMICAL TREATMENT CONTRACTORS ARE POWERS ENGINEERING AND W. S. E. T. INC.
21. AUTOMATIC CONTROL VALVES SHALL BE TWO WAY PRESSURE INDEPENDENT BALL VALVES. PRESSURE INDEPENDENT VALVES SHALL PROVIDE 100% CONTROL VALVE AUTHORITY AND SHALL HAVE LINEAR FLOW CHARACTERISTIC. BALANCING CONTRACTOR SHOULD SUBMITT TWO DIFFERENT PRICES: ONE WITH MANUAL BALANCING VALVES AND ONE WITH PRESSURE INDEPENDENT CONTROL VALVES.
22. TEST DUCTWORK PER CURRENT SMACNA HVAC AIR DUCT LEAKAGE TEST MANUAL. 1" WATER GAGE PRESSURE CLASS IS THE BASIS OF COMPLIANCE EXCEPT WHEN THE DUCT IS VARIABLE VOLUME. ALL VARIABLE VOLUME DUCT UPSTREAM OF VAV BOXES HAS A 2" W.G. BASIS OF COMPLIANCE. RECTANGULAR DUCTWORK TO HAVE A LEAKAGE CLASSIFICATION OF 24 AND ROUND DUCTWORK TO HAVE A LEAKAGE CLASSIFICATION OF 12. TEST TWO DIFFERENT SECTIONS OF DUCT 30' IN LENGTH OR GREATER. IF EITHER DUCT SECTION FAILS TWO DIFFERENT SECTION ALSO TO BE TESTED. RE-SEAL ANY FAILED DUCT SECTIONS AND RE-TEST AFTER SEALANT HAS CURED. PREPARE REPORTS WITH TEST RESULTS AND ANY ACTION TAKEN.
23. PROVIDE FACTORY AUTHORIZED STARTUP OF ALL EQUIPMENT INCLUDING STARTUP OF ALL FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATION TO BMS.

MECHANICAL GENERAL NOTES

24. GENERAL CONTRACTOR SHALL HIRE A 3RD PARTY COMMISSIONING AGENT TO COMMISSION NEW HVAC EQUIPMENT. COMMISSIONING AGENT SHALL BE LICENSED MECHANICAL ENGINEER. COMMISSIONING AGENT TO PROVIDE COMMISSIONING PLAN LISTING EQUIPMENT AND TEST TO BE PERFORMED TO ENGINEER FOR REVIEW. COMMISSIONING AGENT SHALL PROVIDE REPORT STATING ANY SYSTEM DEFICIENCIES AND LISTING ANY DEFERRED TESTS.
25. PROVIDE OPERATION AND MAINTENANCE MANUALS (O&M) WITHIN 30 DAYS OF CERTIFICATE OF OCCUPANCY FOR ALL EQUIPMENT IN DIGITAL FORMAT TO ENGINEER FOR REVIEW. O&M'S SHALL INCLUDE DOCUMENTATION OF ALL WARRANTIES, REPORTS AND TESTS. RECORD DRAWINGS, CONTROLS SEQUENCE OF OPERATIONS WITH DIAGRAMS, & EQUIPMENT INFORMATION. EQUIPMENT INFORMATION INCLUDES MAKE & MODEL, WIRING, PIPING, STARTUP, SHUTDOWN, TROUBLE SHOOTING, AND MAINTENANCE PROCEDURES.
26. CONTRACTOR TO PROVIDE ALL DUCT RISER/OFFSET FITTINGS AS REQUIRED TO ROUTE THE DUCTING AS SHOWN. VERIFY EXISTING BEAM HEIGHTS BEFORE THE START OF CONSTRUCTION.
27. PROVIDE REMOTE CABLE OPERATED DAMPERS FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
28. PROVIDE ACCESS DOORS FOR ALL SERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACES.
29. ALL MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABELED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
30. PROVIDE SOUND BOOT ON ALL RETURN GRILLES. SOUND BOOT TO BE SHEET METAL WITH ACOUSTICAL DUCT LINER. DUCT BOARD IS NOT AN APPROVED MATERIAL FOR SOUND BOOTS. SEE SOUND BOOT DETAIL.
31. MECHANICAL PIPING SCHEDULE:
 1. HYDRONIC PIPING 3" AND UNDER = TYPE L COPPER - PROGRESS FITTING JOINTS

SHEET KEYNOTES

1. PROVIDE RETURN GRILLE WITH SOUND BOOT. SEE STANDARD SOUND BOOT DETAIL ON ME501.
2. PROVIDE SOUND BOOT IN THIS APPROXIMATE LOCATION. SEE SOUND BOOT THROUGH WALL DETAIL ON ME501.
3. STRUCTURAL BEAM AT THIS APPROXIMATE LOCATION. BOTTOM OF BEAM 9'-5" FROM FLOOR. PROVIDE DUCT RISERS/OFFSETS AS NECESSARY.
4. STRUCTURAL BEAM AT THIS APPROXIMATE LOCATION. BOTTOM OF BEAM 10'-2" FROM FLOOR. PROVIDE DUCT RISERS/OFFSETS AS NECESSARY.
5. STRUCTURAL BEAM AT THIS APPROXIMATE LOCATION. BOTTOM OF BEAM 10'-7" FROM FLOOR. PROVIDE DUCT RISERS/OFFSETS AS NECESSARY.
6. STRUCTURAL BEAM AT THIS APPROXIMATE LOCATION. BOTTOM OF BEAM 10'-8" FROM FLOOR. PROVIDE DUCT RISERS/OFFSETS AS NECESSARY.
7. DUCT RISE/DROP IN THIS APPROXIMATE LOCATION.
8. PROVIDE PANS BENEATH ALL WATER PIPING, INCLUDING FIRE SPRINKLERS, OVER IT ROOM.
9. PROVIDE FIRE/SMOKE DAMPER AT THIS APPROXIMATE LOCATION.
10. PROVIDE 24"x24" ACCESS PANEL IN THIS APPROXIMATE LOCATION. COORDINATE WITH ARCHITECT FOR COLOR AND EXACT LOCATION.
11. PROVIDE REMOTE CABLE OPERATED DAMPERS FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE OR PROVIDE OPPOSED BLADE DAMPER WITH NYLON BUSHINGS AT GRILLE.
12. SEE ARCHITECTURAL ENLARGED PLANS AND INTERIOR ELEVATIONS SHEETS FOR ALIGNMENTS



ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

IHC KEY BANK TOWER FLOORS 10/16

36 SOUTH STATE STREET SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

LEVEL 16 MECHANICAL PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	06/05/19	Addendum #1

ISSUE DATE: 05/24/2019

ISSUE TYPE: CONSTRUCTION DOCUMENTS

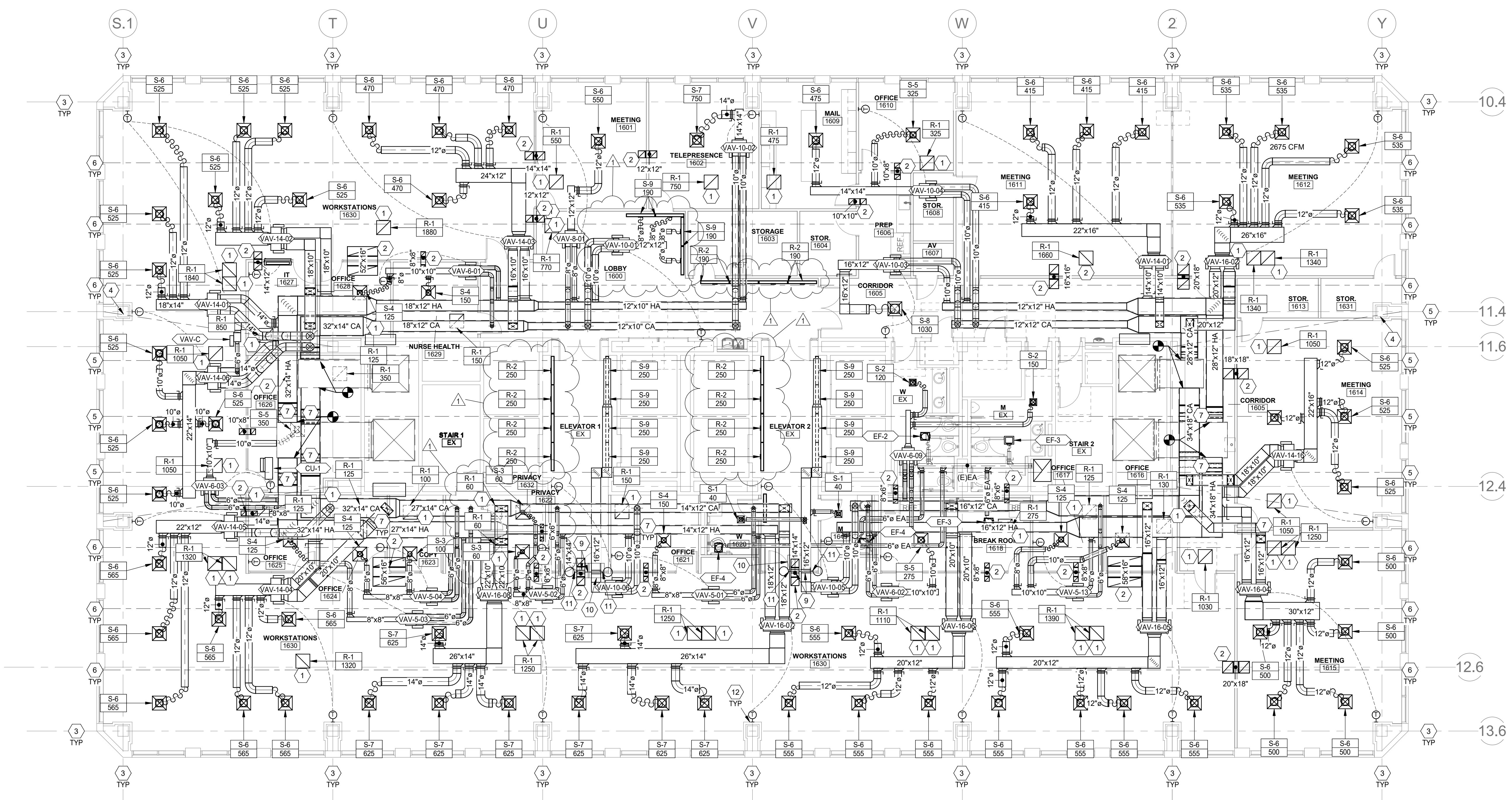
DRAWN BY: TAC

CHECKED BY: RHB

PROJECT#: 20190118

SHEET NUMBER:

MH102



1 LEVEL 16 MECHANICAL PLAN
 1/8" = 1'-0"

6/5/2019 11:43:54 AM C:\Users\vac\Documents\20190118 Mech Central\loc175FW.rvt
 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THESE DRAWINGS ARE OWNED BY AND THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, DEVELOPED AND/OR REVISED FOR THE PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS PC. UNAUTHORIZED REPRODUCTION OR DISSEMINATION OF THESE DRAWINGS IS STRICTLY PROHIBITED. REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET.

MISC. SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	DETAIL INDICATOR: # INDICATES DETAIL NUMBER, SHEET INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, EXTERIOR: # INDICATES ELEVATION OR SECTION NUMBER, SHEET INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM OR SPACE NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	PLUMBING FIXTURE INDICATOR.
	DIFFUSER/GRILLE INDICATOR.
	DIFFUSER/GRILLE INDICATOR.
	BREAK, STRAIGHT.
	BREAK, ROUND.
	MATCH LINE INDICATOR
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
	NEW CONNECTION POINT TO EXISTING

PLUMBING SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	CATCH BASIN
	MANHOLE
	WALL HYDRANT
	HOSE BIBB
	CLEANOUT TO GRADE
	FLOOR CLEANOUT
	WALL CLEANOUT
	1/2 GRATE
	3/4 GRATE
	FULL GRATE

DEFINITIONS	
NOTE: ALL DEFINITIONS MAY NOT BE USED.	
<p>INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE. NO LIMITATION ON LOCATION IS INTENDED.</p>	
<p>DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.</p>	
<p>APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.</p>	
<p>FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."</p>	
<p>INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."</p>	
<p>PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."</p>	
<p>INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.</p>	

PLUMBING PIPING LEGEND	
SYMBOL	DESCRIPTION
	SANITARY SEWER (SS)
	GREASE WASTE (GW)
	VENT (V)
	ACID VENT
	ACID WASTE
	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	DOMESTIC HOT WATER RECIRC (DHWR)
	180° F HOT WATER
	180° HOT WATER RETURN
	160° HOT WATER
	160° HOT WATER RETURN
	RAINWATER
	SECONDARY RAINWATER
	STORM DRAIN
	VENT THRU ROOF
	NON POTABLE WATER
	EXISTING PIPE
	EXISTING PIPE TO BE REMOVED
	IRRIGATION WATER
	SANITARY SEWER
	LOW PRESSURE STEAM
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	HEATING HOT WATER SUPPLY
	HEATING HOT WATER RETURN
	CONDENSER WATER SUPPLY
	CONDENSER WATER RETURN
	GLYCOL SUPPLY
	GLYCOL RETURN
	GAS
	FIRE PROTECTION
	PROPANE
	VACUUM
	COMPRESSED AIR
	MEDICAL AIR
	OXYGEN
	NITROUS OXIDE
	NITROGEN
	CARBON DIOXIDE
	EVACUATION

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
VALVES, METERS, AND GAUGES	
	SHUT OFF VALVE
	GATE VALVE
	CHECK VALVE
	AUTO 2-WAY VALVE
	AUTO 3-WAY VALVE
	GLOBE VALVE
	BALL VALVE
	RELIEF VALVE
	CHAIN OPERATED GATE VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	ANGLE VALVE
	VENTURI
	BALANCING OR PLUG COCK
	FLOW SETTER
	EXPANSION VALVE (REFRIG.)
	GAS COCK
	MANUAL AIR VENT
	STRAINER
	GAUGE COCK
	FLEXIBLE CONNECTION
	PRESSURE GAUGE
	THERMOMETER
	VICTUALIC COUPLING
	REDUCER CONCENTRIC
	REDUCER ECCENTRIC
	REFRIGERANT SITE GLASS
	REFRIGERANT STRAINER
	REFRIGERANT FILTER DRIER
	90 DEG ELBOW UP
	90 DEG ELBOW DOWN
	90 DEG TEE UP
	90 DEG TEE DOWN
	UNION
	CAPPED PIPE
	ANCHOR
	FLOAT AND THERMOSTATIC TRAP

ABBREVIATIONS	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
(E)	EXISTING
(F)	FUTURE
AD	ACCESS DOOR
AIR COND	AIR CONDITION(ING,-ED)
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU/HOUR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	COOLING
COMP	COMPONENT
COND	CONDENS(ER, -ING, -ATION)
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRC
DIA	DIAMETER
DISCH	DISCHARGE
DP	DEPTH OR DEEP
EA	EXHAUST AIR
EER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
EG	ETHYLENE GLYCOL
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORAT(-E, -ING, -ED, -OR)
EWAT	ENTERING WATER TEMPERATURE
EXT	EXTERNAL
FC	FLEXIBLE CONNECT(-OR, -ION)
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
GAL	GALLON(S)
GE	GREASE EXHAUST
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HG	MERCURY
HP	HORSEPOWER
HR	HOUR
HT	HEIGHT
HTG	HEATING
HZ	HERTZ (FREQUENCY)
ID	INSIDE DIAMETER
IN	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LG	LENGTH
LH	LATENT HEAT
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTUR(ER, -ED)
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OZ	OUNCE
PD	PRESSURE DROP OR DIFFERENCE
PG	PROPYLENE GLYCOL
PH	PHASE
PPM	PARTS PER MILLION
PRESS	PRESSURE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
R	THERMAL RESISTANCE
RA	RETURN AIR
RECIRC	RECIRCULATE
REFR	REFRIGERATION
REQD	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SC	SHADING COEFFICIENT
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SOFT COLD WATER
SF	SAFETY FACTOR
SH	SENSIBLE HEAT
SP	STATIC PRESSURE
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
STD	STANDARD
SW	SOIL, WASTE
TA(R)	TRANSFER AIR (RETURN)
TA(S)	TRANSFER AIR (SUPPLY)
TD	TEMP. DROP OR DIFF.
TEMP	TEMPERATURE
THERM	THERMAL
TOT	TOTAL
TSTAT	THERMOSTAT
V	VOLT
V	VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY TEMPERATURE
VEL	VELOCITY
VENT	VENT, VENTILATION
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
WB	WET BULB TEMP
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WT	WEIGHT
WTR	WATER

PLUMBING GENERAL NOTES	
1	THE PLUMBING DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENT AND EXTENT OF THE PLUMBING SYSTEM. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THESE DRAWINGS DO NOT SHOW ALL OFFSETS, BENDS OR ELBOWS NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. CONTRACTOR SHALL MAKE SUCH SLIGHT ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE AND OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT. MAJOR DEVIATIONS SUCH AS CHANGES IN COMPONENT SIZES, WEIGHTS, QUANTITIES OR MATERIAL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER.
2	THE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH.
3	THE ENTIRE PLUMBING INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED BUILDING CODES, MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, AND ALL OTHER APPLICABLE CITY, COUNTY, STATE, AND FEDERAL CODES AND REGULATIONS IN EFFECT.
4	THE ENTIRE PLUMBING INSTALLATION SHALL CONFORM TO ANY CODES, RULES, REGULATIONS AND REQUIREMENTS OF THE BUILDING OWNER.
5	PRIOR TO FABRICATION AND INSTALLATION OF ANY PLUMBING COMPONENT THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING WORK WITH ALL OTHER BUILDING TRADES, INCLUDING BUILDING TRADES HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.
6	ALL PLUMBING INFORMATION IS NOT SHOWN ON THE PLUMBING DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS.
7	THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW AND USE, WHERE APPROPRIATE, ALL THE PLUMBING DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEVED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE PLUMBING SYSTEM WITHOUT USING THE INCLUDED DETAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
8	ANY PART OF THE PLUMBING INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
9	PROVIDE PROPER PROVISIONS FOR EXPANSION, CONTRACTION, OR MOVEMENT OF ALL PIPING.
10	PROVIDE LARGE ENOUGH PIPE SLEEVES THROUGH WALL OR FLOOR TO ALLOW FOR ANTICIPATED DIFFERENTIAL MOVEMENT.
11	ALL PIPING SHALL BE SUPPORT WITH CLEVIS HANGERS (MSS TYPE 1). PERFORATED METAL STRAPS OR PLASTIC STRAPPING (PLUMBER TAPE) SHALL NOT BE USED TO SUPPORT OR BRACE ANY PIPE.
12	PROVIDE PIPE HANGERS WITHIN 18-INCHES OF ALL CHANGES OF DIRECTION.
13	PROVIDE SWAY BRACING FOR ALL PIPING 4" AND LARGER AT ALL CHANGES IN DIRECTION GREATER THAN 45-DEGREES.
14	ALL STEEL CLEVIS HANGERS USED TO SUPPORT COPPER PIPING SHALL BE COPPER OR PLASTIC COATED.
15	COPPER PIPING SHALL NOT COME IN CONTACT WITH FIRE TREATED LUMBER. PROVIDE 1/2" THICK SLIP-ON CLOSED CELL INSULATION WHERE COPPER PIPING IS ADJACENT TO FIRE TREATED LUMBER. CLOSED CELL INSULATION SHALL EXTEND A MINIMUM OF 1-1/2" PAST LUMBER.
16	ALL EXPOSED PIPING SHALL BE INSTALLED IN A NEATLY ARRANGED MANNER PARALLEL TO THE BUILDING STRUCTURE.
17	ALL EXPOSED DOMESTIC WATER PIPE IN OCCUPIED SPACES SHALL BE POLISHED CHROME PLATED.
18	ALL EXPOSED DRAINAGE PIPING IN OCCUPIED SPACES INCLUDING TRAPS UNDER SINKS SHALL BE POLISHED CHROME PLATED.
19	DRAWINGS SHOW GENERAL ARRANGEMENT OF THE DRAIN WASTE AND VENT SYSTEM WITH THE REQUIRED CLEANOUTS. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL CLEANOUTS AS REQUIRED BY THE PLUMBING CODE.
20	ALL SANITARY DRAINAGE SYSTEM PIPING 3" AND LARGER SHALL BE SLOPED IN DIRECTION OF FLOW AT A MINIMUM OF 1/8" PER FOOT.
21	ALL SANITARY DRAINAGE SYSTEM PIPING SMALLER THAN 3" SHALL BE SLOPED IN DIRECTION OF FLOW AT A MINIMUM OF 1/4" PER FOOT.
22	SLOPE VENT SYSTEM TOWARDS DRAINAGE SYSTEM.
23	SIMILAR EQUIPMENT SHALL BE OF THE SAME MANUFACTURER.
24	ALL EQUIPMENT SHALL PROVIDE THE SCHEDULED PERFORMANCE AT THE JOB SITE ELEVATION.
25	FIXTURE AND EQUIPMENT MODEL NUMBERS SHOWN IN PLUMBING FIXTURE SCHEDULE AND PLUMBING EQUIPMENT SCHEDULE ARE SHOWN TO ESTABLISH THE TYPE OF PRODUCT THAT SHALL BE USED. THE SELECTED PRODUCT SHALL MEET THE SCHEDULED PERFORMANCE DATA SHOWN ON THE SCHEDULE EVEN IF A DIFFERENT MODEL IS SUPPLIED THAT IS DIFFERENT THAN THAT SCHEDULED.
26	ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE ALL NECESSARY FITTINGS, TRANSITIONS, VALVES AND OTHER DEVICES AND ACCESSORIES REQUIRED FOR A COMPLETE, WORKABLE INSTALLATION.
27	SEE "PLUMBING FIXTURE SCHEDULE" FOR INDIVIDUAL TRAPS, WASTE, VENT, AND DOMESTIC WATER PIPING FOR INDIVIDUAL FIXTURES.
28	ALL PLUMBING EQUIPMENT SHALL BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY.
29	FIXTURES, EQUIPMENT AND PIPING INSTALLATION SHALL MEET NSF STANDARDS.

PLUMBING SHEET INDEX	
PE001	PLUMBING COVER SHEET
PE501	PLUMBING DETAILS & SCHEDULES
PD101	LEVEL 10 PLUMBING DEMOLITION PLAN
PD102	LEVEL 16 PLUMBING DEMOLITION PLAN
PL101	LEVEL 10 PLUMBING PLAN - WATER
PL102	LEVEL 16 PLUMBING PLAN - WATER
PL201	LEVEL 10 PLUMBING PLAN - DWV
PL202	LEVEL 16 PLUMBING PLAN - DWV



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PROJECT DESCRIPTION

IHC KEY BANK TOWER FLOORS 10/16

36 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:
PLUMBING COVER SHEET

REVISIONS		
MARK	DATE	DESCRIPTION

ISSUE DATE: 05/24/2019
ISSUE TYPE: CONSTRUCTION DOCUMENTS
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CHECKED BY: RHB
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SHEET NUMBER:

PE001

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ARCHITECT / CONSULTANT

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 800-678-7077
 801-328-5151
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PROJECT DESCRIPTION

**IHC KEY BANK
TOWER FLOORS
10/16**

36 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

**PLUMBING DETAILS &
SCHEDULES**

REVISIONS

MARK	DATE	DESCRIPTION
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ISSUE DATE: 05/24/2019
 ISSUE TYPE: CONSTRUCTION DOCUMENTS
 DRAWN BY: TAC
 CHECKED BY: RHB
 PROJECT#: 20190118

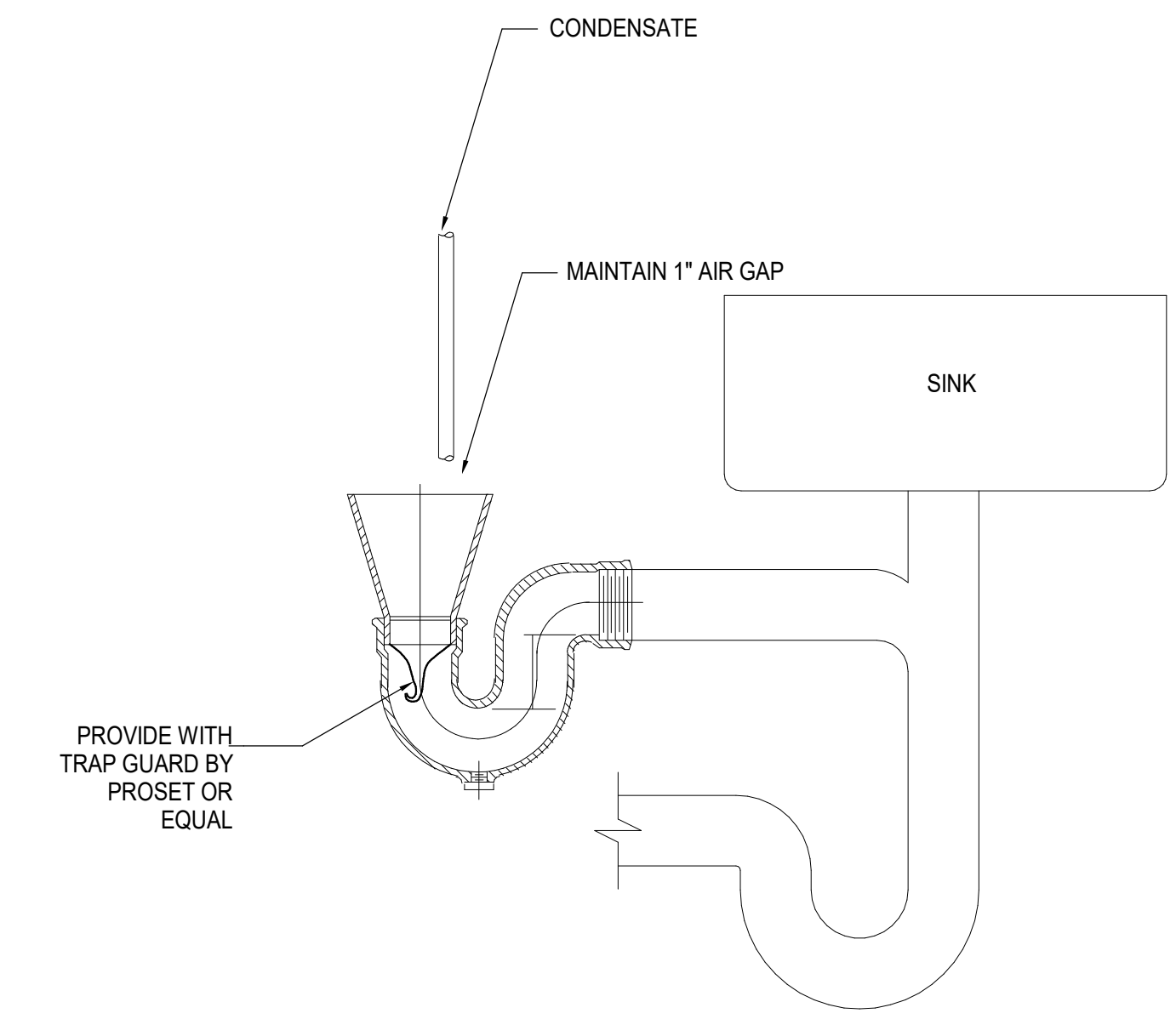
SHEET NUMBER:

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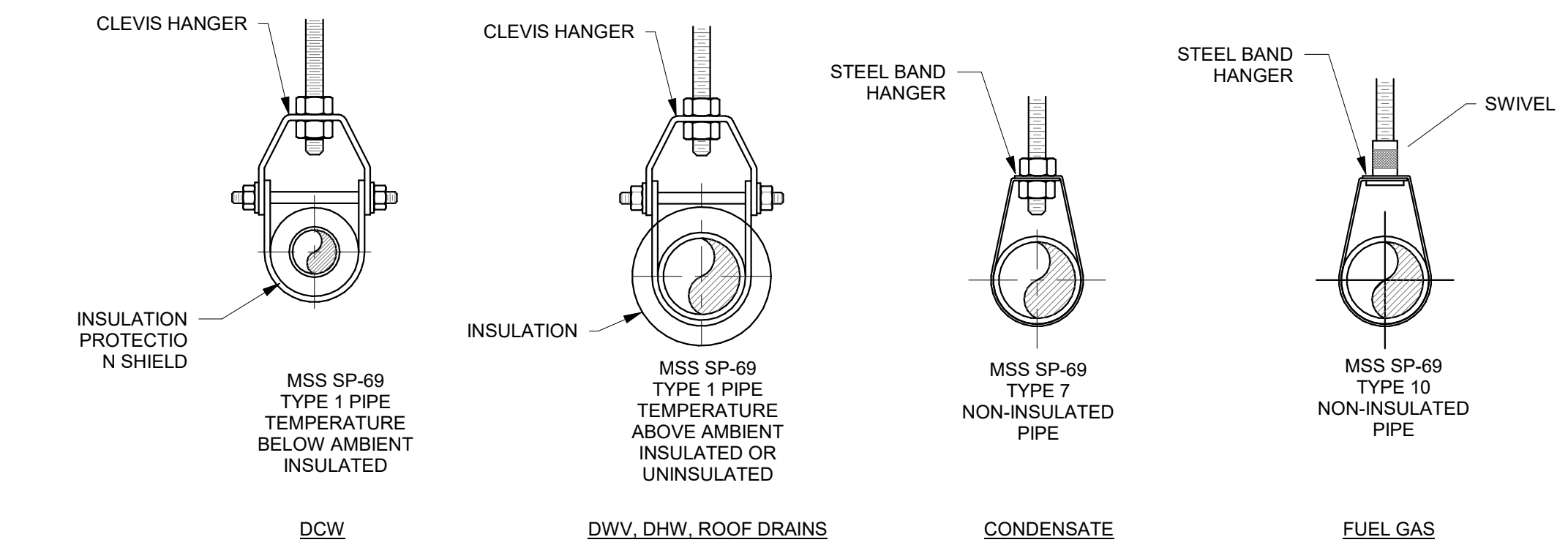
PLUMBING FIXTURE SCHEDULE								
LABEL	DESCRIPTION	WASTE	VENT	CW	HW	MANUFACTURER	MODEL	REMARKS
EWC-1	DRINKING FOUNTAIN	1 1/2"	1 1/4"	1/2"	0"	ELKAY	LZWS8PK	
EWC-2	DRINKING FOUNTAIN	1 1/2"	1 1/4"	1/2"	0"	ELKAY	LZSTL8WSLP-RHHS	
FS-1	FLOOR SINK	3"	0"	0"	0"	ZURN	Z1930	
L-1	LAVATORY	2"	1 1/4"	1/2"	1/2"	KOHLER / SLOAN	K-2210 / EAF-350-CP	PROVIDE WITH T&P MIXING VALVE
S-1	SINK	2"	1 1/4"	1/2"	1/2"	ELKAY / MOEN	EFRU2816TC / 5923EWBL	
WC-1	WATER CLOSET	4"	2"	1 1/4"	0"	AMERICAN STANDARD	2857.128	PROVIDE WITH MANUAL FLUSH VALVE
EWC-2	DRINKING FOUNTAIN	1 1/2"	1 1/4"	1/2"	0"	ELKAY	LZSTL8WSLP-RHHS	

WATER HEATER INSTANTANEOUS ELECTRIC								
LABEL	LOCATION	TEMP. RISE @ 0.5 GPM	kW	VOLTAGE	PHASE	MANUFACTURER	MODEL	REMARKS
WH-1	BREAKROOM - 1016	27 °F	6 W	277 V	1	EEMAX	EX60T	1,2
WH-2	PRIVACY - 1012	27 °F	6 W	277 V	1	EEMAX	EX60T	1,2
WH-2	RESTROOM - 1619	27 °F	6 W	277 V	1	EEMAX	EX60T	1,2
WH-2	RESTROOM - 1620	27 °F	6 W	277 V	1	EEMAX	EX60T	1,2
WH-3	BREAKROOM - 1618	27 °F	6 W	277 V	1	EEMAX	EX60T	1,2

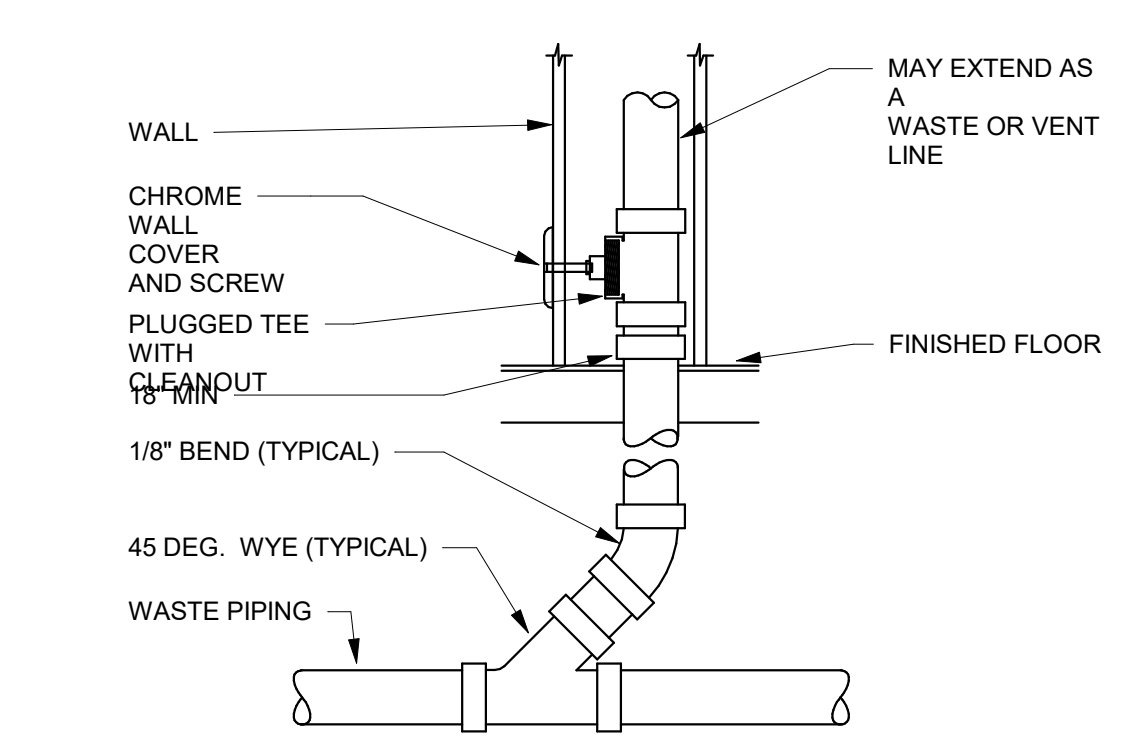
- PROVIDE WITH HEAT TRAPS.
- ACCEPTABLE MANUFACTURERS: LOCHINVAR, AO SMITH, BRADFORD WHITE, RHEEM, STATE, BOCK OR PRIOR APPROVED EQUAL.



② FUNNEL DRAIN DETAIL
1/8" = 1'-0"



③ PIPE HANGERS
1/8" = 1'-0"



① WALL CLEANOUT
1/8" = 1'-0"

1

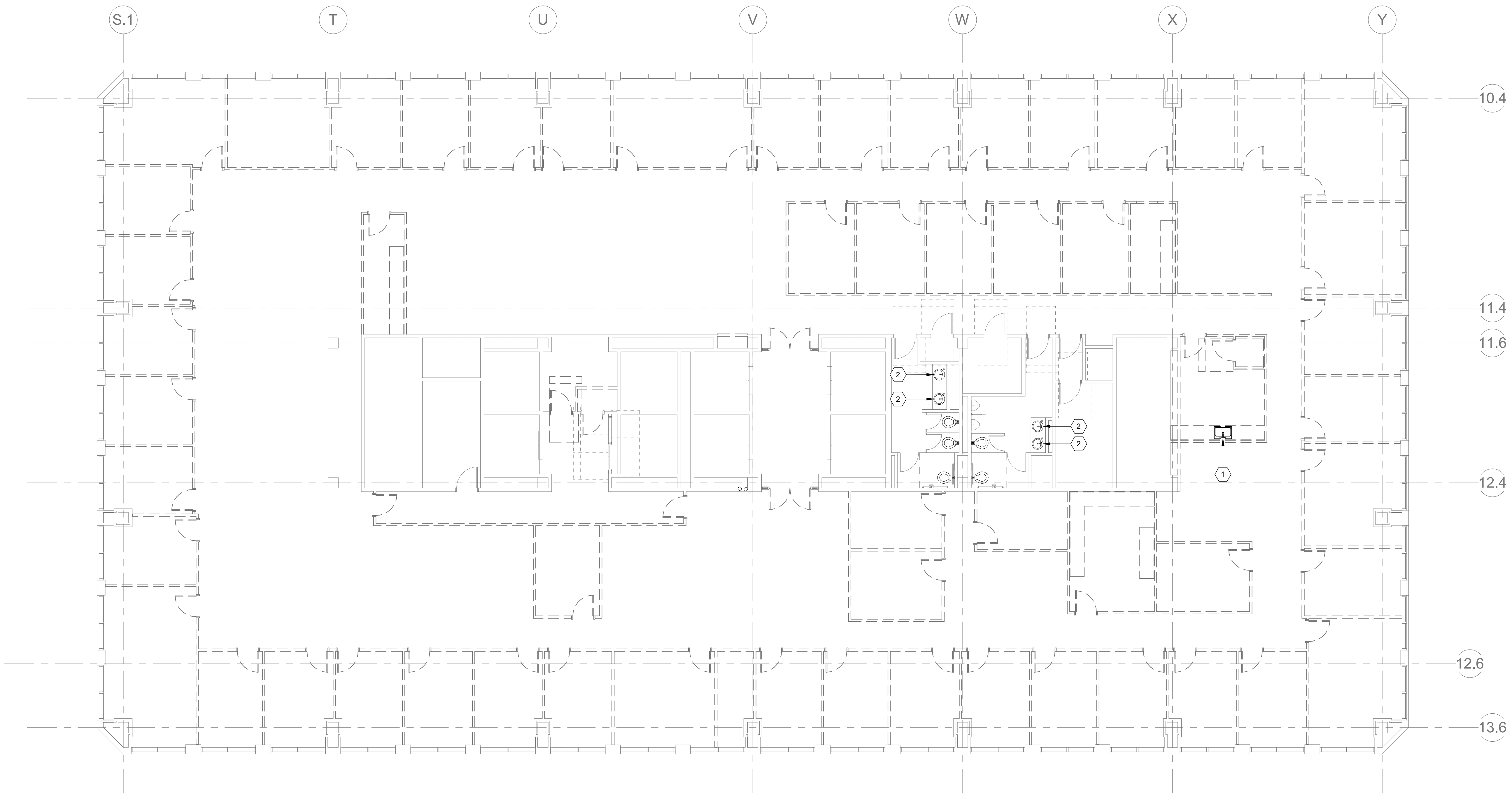
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① LEVEL 10 PLUMBING DEMOLITION PLAN
 1/8" = 1'-0"

PLUMBING GENERAL NOTES
1. ALL DOMESTIC WATER PIPING TO BE COPPER. ALL HOT WATER AND HOT WATER RECIRCULATING PIPING TO BE INSULATED WITH 1" UP TO 1-1/4" PIPE AND 1-1/2" INSULATION FOR PIPING 1-1/2" AND LARGER. DOMESTIC COLD WATER PIPING TO BE INSULATED WITH 1/2" UP TO 1-1/4" PIPING AND 1" INSULATION FOR PIPING 1 1/2-2" OR LARGER. 2. DISSIMILAR METAL PIPING CONNECTIONS SHALL HAVE DIELECTRIC ISOLATORS. 3. ALL DOMESTIC WATER PIPING TO BE PRESSURE TESTED, CLEANED, AND DISINFECTED. PRESSURE TEST: CAP AND SUBJECT PIPING TO STATIC WATER PRESSURE OF 120 PSIG FOR FOUR HOURS. LEAKS AND LOSS IN TEST PRESSURE CONSTITUTE DEFECTS THAT MUST BE REPAIRED. PROVIDE RESULTS IN WRITTEN REPORT TO ENGINEER UPON COMPLETION. CLEAN AND DISINFECT: FLUSH PIPING SYSTEM, FILL SYSTEM WITH WATER/CHLORINE SOLUTION WITH AT LEAST 50 PPM OF CHLORINE FOR 24 HOURS. THOROUGHLY FLUSH SYSTEM. SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITIES HAVING JURISDICTION. PROVIDE REPORT TO ENGINEER STATING PROCEDURE FOLLOWED AND SIGNATURES OF GC AND THAT OF PERSONS PERFORMING PROCEDURE. 4. BALL VALVES SHALL BE FULL PORT AND LEAD FREE. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF. 5. ALL DOMESTIC WATER PIPING TO BE LOCATED ON WARM SIDE OF BUILDING ENVELOPE. 6. WATER HAMMER ARRESTORS SHALL BE SIZED AND INSTALLED PER PLUMBING AND DRAINAGE INSTITUTE (STANDARD PDI-WH 201) REQUIREMENTS IN ACCESSIBLE LOCATIONS ON THE COLD WATER AND HOT WATER PIPING WHERE FLUSH VALVES OR QUICK CLOSING VALVES ARE USED. 7. ALL ROOF DRAIN PIPING (PRIMARY AND SECONDARY) LOCATED IN BUILDING ENVELOPE, INCLUDING ROOF DRAIN BOWLS TO BE INSULATED. 8. ALL DOMESTIC WASTE AND VENT PIPING TO BE CAST IRON OR PVC INSULATED TO MEET FLAME SPREAD AND SMOKE DEVELOPED INDEX. 9. THIS PROJECT WILL REQUIRE AFTER HOURS AND WEEKEND WORK TO RUN PIPING/DUCTWORK OR MODIFY SYSTEMS IN OR AFFECTING OCCUPIED SPACES. COORDINATE ALL SHUTDOWNS 72 HOURS IN ADVANCE WITH OWNER. 10. PROVIDE BALANCE REPORT OF DOMESTIC WATER RECIRCULATING SYSTEM TO ENGINEER. PROVIDE P&T PORTS AND PRESSURE GAUGES ON EACH SIDE OF RECIRCULATING PUMP. PROVIDE THERMOMETER ON DISCHARGE SIDE OF PUMP.

PLUMBING GENERAL NOTES
11. FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING. 12. TEST WASTE AND VENT PIPING FOR LEAKAGE. AFTER PLUMBING FIXTURES HAVE BEEN SET AND TRAPS FILLED WITH WATER, TEST CONNECTIONS AND PROVE THEY ARE GASTIGHT AND WATERTIGHT. PLUG VENT-STACK OPENINGS ON ROOF AND BUILDING DRAINS WHERE THEY LEAVE BUILDING. INTRODUCE AIR INTO PIPING SYSTEM EQUAL TO PRESSURE OF 1-INCH WG. USE U-TUBE OR MANOMETER INSERTED IN TRAP OF WATER CLOSET TO MEASURE THIS PRESSURE. AIR PRESSURE MUST REMAIN CONSTANT WITHOUT INTRODUCING ADDITIONAL AIR THROUGHOUT PERIOD OF INSPECTION. INSPECT PLUMBING FIXTURE CONNECTIONS FOR GAS AND WATER LEAKS. REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST PIPING, OR PORTION THEREOF, UNTIL SATISFACTORY RESULTS ARE OBTAINED. PREPARE REPORTS FOR TESTS AND REQUIRED CORRECTIVE ACTION. 13. PIPING SHALL NOT BE SUPPORTED FROM THE ROOF DECK, JOIST BRIDGING OR OTHER PIPES. HANG PIPES FROM BEAMS, JOIST OR SUPPLEMENTARY STRUCTURAL MEMBERS. WHERE POSSIBLE INSTALL ALL PIPING WITHIN 12" FROM SUPPORTING STRUCTURE. 14. PLUMBING PIPING SCHEDULE: 1. DOMESTIC WATER ABOVE GRADE= TYPE L COPPER - SOLDERED 2. ROOF DRAIN, WASTE & VENT ABOVE GRADE = CAST IRON - HUBLESS COUPLINGS WITH HEAVY DUTY COUPLINGS 1. WASTE PIPING IN KITCHENS TO BE EPOXY COATED CAST IRON OR STAINLESS STEEL

SHEET KEYNOTES
1. EXISTING PLUMBING FIXTURE AND ALL ASSOCIATED PIPING TO BE REMOVED BACK TO MAIN. 2. DEMO AND REMOVE EXISTING LAVATORY FIXTURE.

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PROJECT DESCRIPTION
**IHC KEY BANK
 TOWER FLOORS
 10/16**
 36 SOUTH STATE STREET
 SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:
**LEVEL 10 PLUMBING
 DEMOLITION PLAN**

REVISIONS		
MARK	DATE	DESCRIPTION

ISSUE DATE: 05/24/2019
 ISSUE TYPE: CONSTRUCTION DOCUMENTS
 DRAWN BY: TAC
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PLUMBING GENERAL NOTES

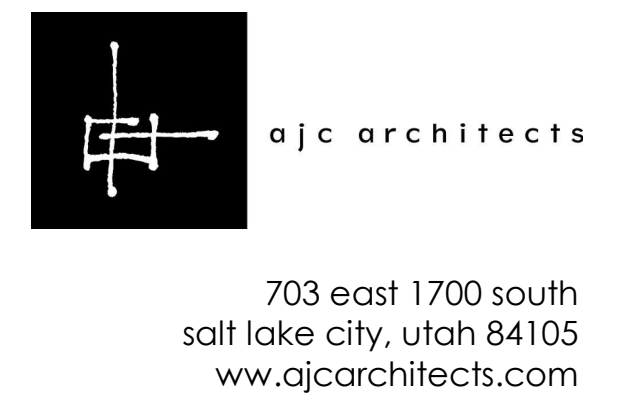
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SHEET KEYNOTES

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2. DEMO AND REMOVE EXISTING LAVATORY FIXTURE.



ARCHITECT / CONSULTANT



PROJECT DESCRIPTION

IHC KEY BANK TOWER FLOORS 10/16

36 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

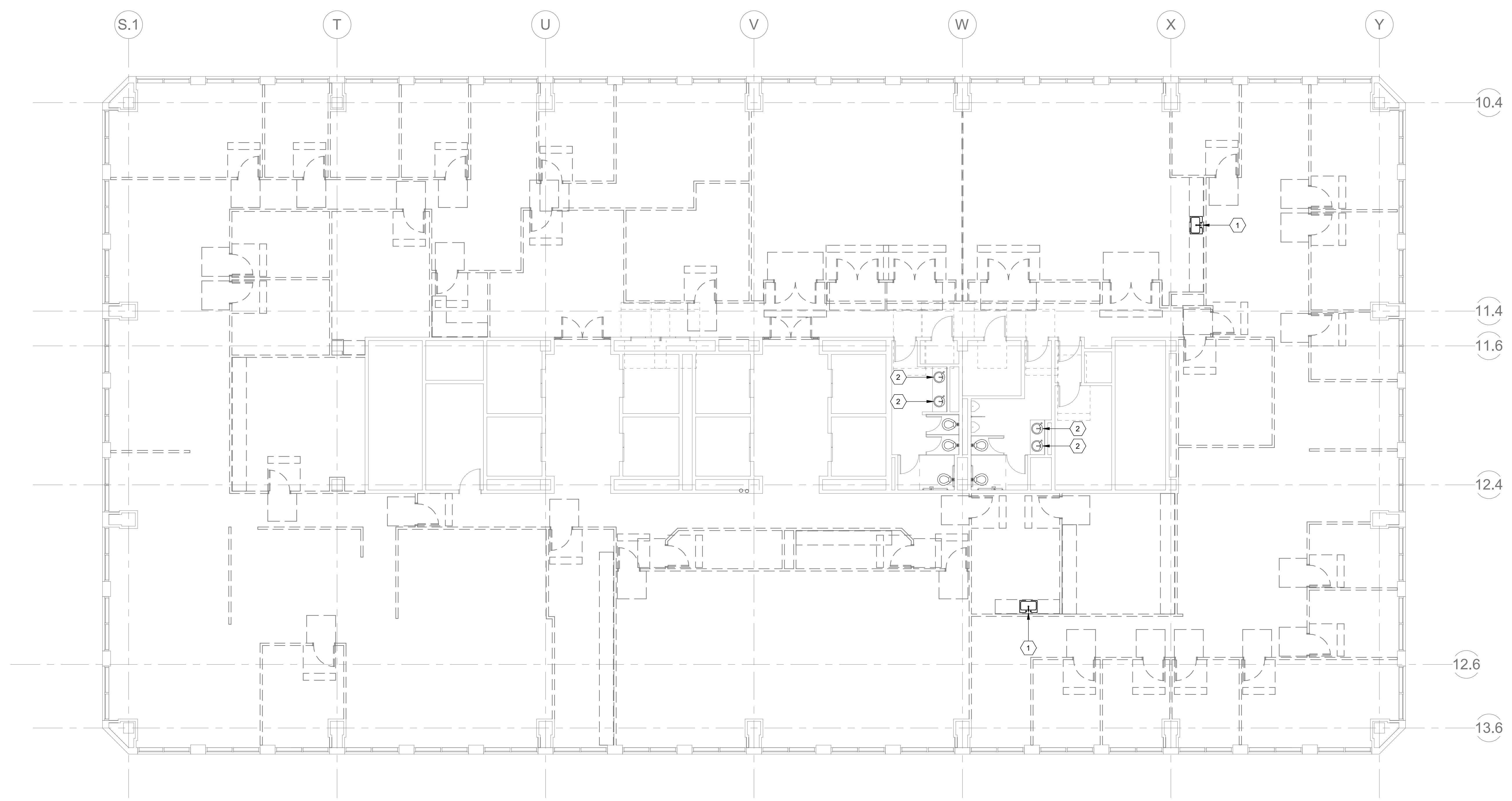
LEVEL 16 PLUMBING DEMOLITION PLAN

REVISIONS

MARK	DATE	DESCRIPTION
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ISSUE DATE:	05/24/2019
ISSUE TYPE:	CONSTRUCTION DOCUMENTS
DRAWN BY:	TAC
CHECKED BY:	RHB
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SHEET NUMBER:	

PD102



1 LEVEL 16 PLUMBING DEMOLITION PLAN
1/8" = 1'-0"

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SHEET KEYNOTES

1. TIE INTO NEW UNDER-SINK ELECTRIC WATER HEATER. SEE TANKLESS ELECTRIC WATER HEATER DETAIL.
2. CONNECT TO EXISTING WATER PIPING IN THIS APPROXIMATE LOCATION.
3. NEW PLUMBING FIXTURE TO BE CONNECTED TO EXISTING WATER PIPING.

ARCHITECT / CONSULTANT

PROJECT DESCRIPTION

**IHC KEY BANK
TOWER FLOORS
10/16**

36 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 10 PLUMBING
PLAN - WATER**

REVISIONS

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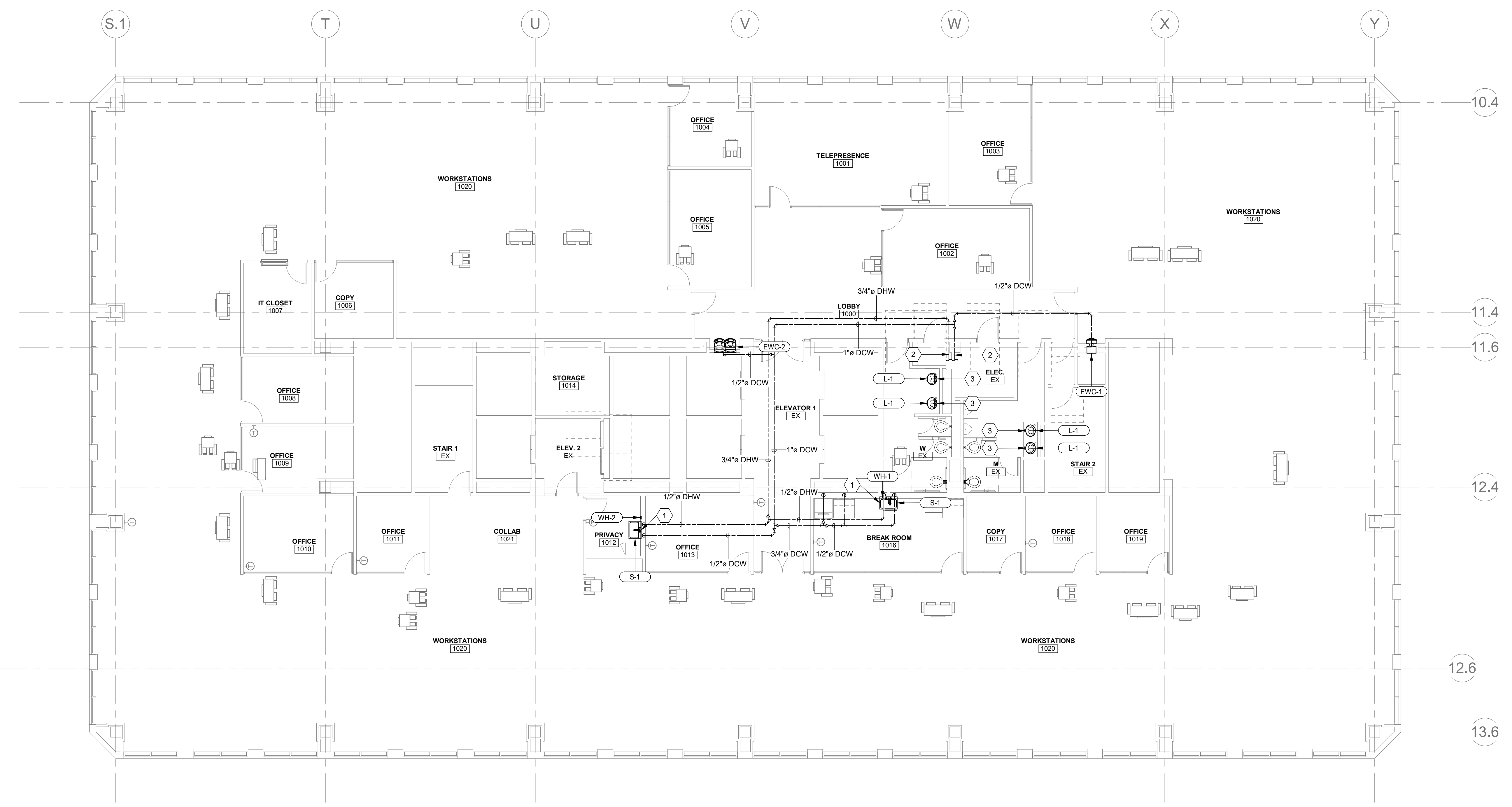
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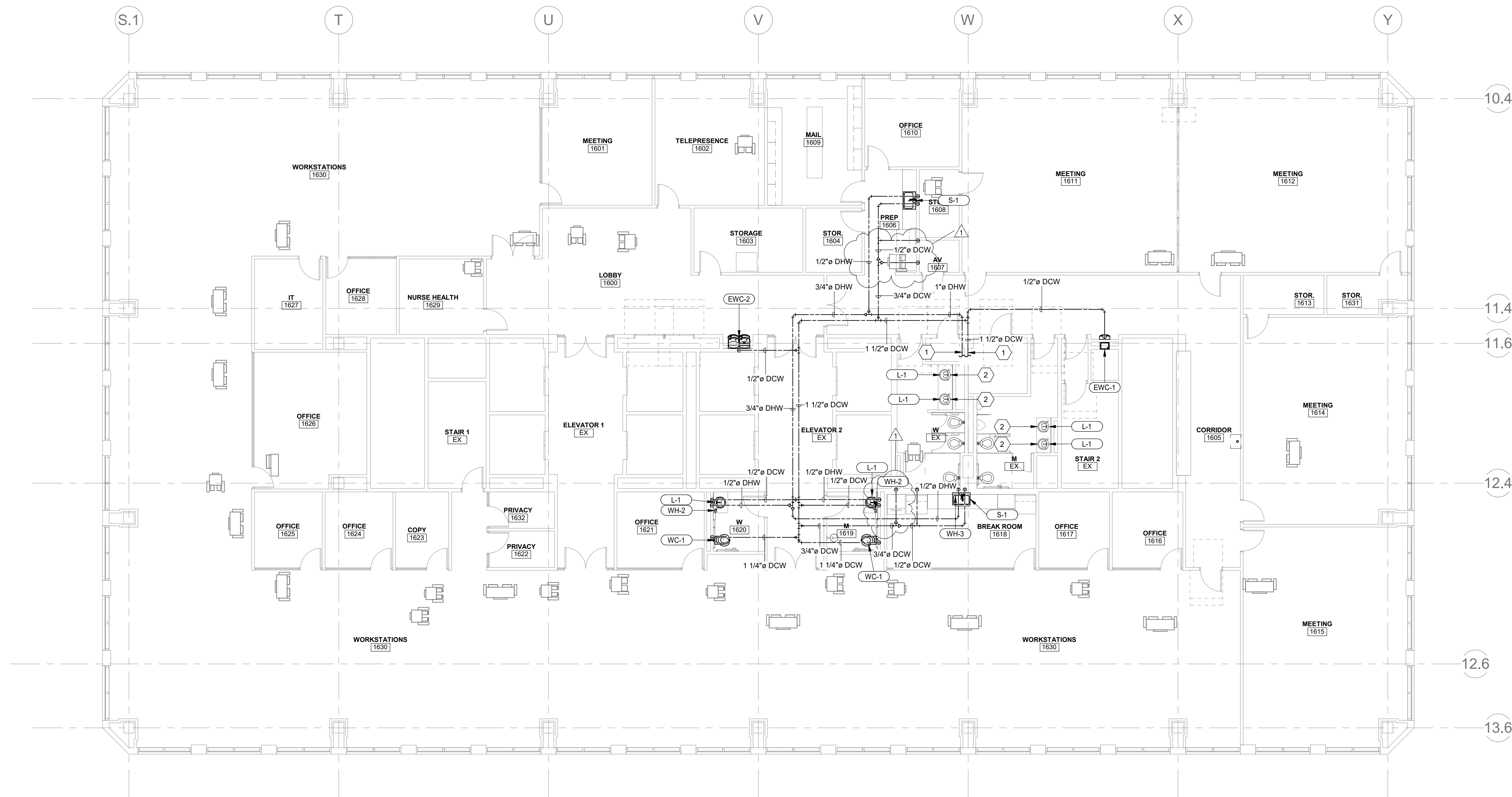
PL101



① LEVEL 10 PLUMBING PLAN - WATER
1/8" = 1'-0"

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 INAPPROPRIATE IN VIOLATION OF U.S. PATENT AND TRADEMARK LAWS.

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1 LEVEL 16 PLUMBING PLAN - WATER
 1/8" = 1'-0"

PLUMBING GENERAL NOTES

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- DISSIMILAR METAL PIPING CONNECTIONS SHALL HAVE DIELECTRIC ISOLATORS.
- ALL DOMESTIC WATER PIPING TO BE PRESSURE TESTED, CLEANED, AND DISINFECTED. PRESSURE TEST: CAP AND SUBJECT PIPING TO STATIC WATER PRESSURE OF 120 PSIG FOR FOUR HOURS. LEAKS AND LOSS IN TEST PRESSURE CONSTITUTE DEFECTS THAT MUST BE REPAIRED. PROVIDE RESULTS IN WRITTEN REPORT TO ENGINEER UPON COMPLETION. CLEAN AND DISINFECT: FLUSH PIPING SYSTEM, FILL SYSTEM WITH WATER/CHLORINE SOLUTION WITH AT LEAST 50 PPM OF CHLORINE FOR 24 HOURS. THOROUGHLY FLUSH SYSTEM. SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITIES HAVING JURISDICTION. PROVIDE REPORT TO ENGINEER STATING PROCEDURE FOLLOWED AND SIGNATURES OF GC AND THAT OF PERSONS PERFORMING PROCEDURE.
- BALL VALVES SHALL BE FULL PORT AND LEAD FREE. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
- ALL DOMESTIC WATER PIPING TO BE LOCATED ON WARM SIDE OF BUILDING ENVELOPE.
- WATER HAMMER ARRESTORS SHALL BE SIZED AND INSTALLED PER PLUMBING AND DRAINAGE INSTITUTE (STANDARD PDI-WH 201) REQUIREMENTS IN ACCESSIBLE LOCATIONS ON THE COLD WATER AND HOT WATER PIPING WHERE FLUSH VALVES OR QUICK CLOSING VALVES ARE USED.
- ALL ROOF DRAIN PIPING (PRIMARY AND SECONDARY) LOCATED IN BUILDING ENVELOPE, INCLUDING ROOF DRAIN BOWLS TO BE INSULATED.
- ALL DOMESTIC WASTE AND VENT PIPING TO BE CAST IRON OR PVC INSULATED TO MEET FLAME SPREAD AND SMOKE DEVELOPED INDEX.
- THIS PROJECT WILL REQUIRE AFTER HOURS AND WEEKEND WORK TO RUN PIPING/DUCTWORK OR MODIFY SYSTEMS IN OR AFFECTING OCCUPIED SPACES. COORDINATE ALL SHUTDOWNS 72 HOURS IN ADVANCE WITH OWNER.
- PROVIDE BALANCE REPORT OF DOMESTIC WATER RECIRCULATING SYSTEM TO ENGINEER. PROVIDE P&T PORTS AND PRESSURE GAUGES ON EACH SIDE OF RECIRCULATING PUMP. PROVIDE THERMOMETER ON DISCHARGE SIDE OF PUMP.

PLUMBING GENERAL NOTES

- FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING.
- TEST WASTE AND VENT PIPING FOR LEAKAGE. AFTER PLUMBING FIXTURES HAVE BEEN SET AND TRAPS FILLED WITH WATER. TEST CONNECTIONS AND PROVE THEY ARE GASTIGHT AND WATERTIGHT. PLUG VENT-STACK OPENINGS ON ROOF AND BUILDING DRAINS WHERE THEY LEAVE BUILDING. INTRODUCE AIR INTO PIPING SYSTEM EQUAL TO PRESSURE OF 1-INCH WG. USE U-TUBE OR MANOMETER INSERTED IN TRAP OF WATER CLOSET TO MEASURE THIS PRESSURE. AIR PRESSURE MUST REMAIN CONSTANT WITHOUT INTRODUCING ADDITIONAL AIR THROUGHOUT PERIOD OF INSPECTION. INSPECT PLUMBING FIXTURE CONNECTIONS FOR GAS AND WATER LEAKS. REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST PIPING, OR PORTION THEREOF, UNTIL SATISFACTORY RESULTS ARE OBTAINED. PREPARE REPORTS FOR TESTS AND REQUIRED CORRECTIVE ACTION.
- PIPING SHALL NOT BE SUPPORTED FROM THE ROOF DECK, JOIST BRIDGING OR OTHER PIPES. HANG PIPES FROM BEAMS, JOIST OR SUPPLEMENTARY STRUCTURAL MEMBERS. WHERE POSSIBLE INSTALL ALL PIPING WITHIN 12" FROM SUPPORTING STRUCTURE.
- PLUMBING PIPING SCHEDULE:
 - DOMESTIC WATER ABOVE GRADE= TYPE L COPPER - SOLDERED
 - ROOF DRAIN, WASTE & VENT ABOVE GRADE = CAST IRON - HUBLESS COUPLINGS WITH HEAVY DUTY COUPLINGS
 - WASTE PIPING IN KITCHENS TO BE EPOXY COATED CAST IRON OR STAINLESS STEEL

SHEET KEYNOTES

- CONNECT TO EXISTING WATER PIPING IN THIS APPROXIMATE LOCATION.
- EXISTING PLUMBING FIXTURES TO BE DEMOLISHED AND NEW FIXTURE TO BE PLACED IN SAME LOCATION.



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PROJECT DESCRIPTION

**IHC KEY BANK
 TOWER FLOORS
 10/16**

36 SOUTH STATE STREET
 SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

**LEVEL 16 PLUMBING
 PLAN - WATER**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/05/19	Addendum #1

ISSUE DATE: 05/24/2019
 ISSUE TYPE: CONSTRUCTION DOCUMENTS
 DRAWN BY: TAC
 CHECKED BY: RHB
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PL102

6/5/2019 11:44:01 AM C:\Users\vac\Documents\20190118 Mech Central\lcl75fw.rvt
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PLUMBING GENERAL NOTES

- ALL DOMESTIC WATER PIPING TO BE COPPER. ALL HOT WATER AND HOT WATER RECIRCULATING PIPING TO BE INSULATED WITH 1" UP TO 1-1/4" PIPE AND 1-1/2" INSULATION FOR PIPING 1-1/2" AND LARGER. DOMESTIC COLD WATER PIPING TO BE INSULATED WITH 1/2" UP TO 1-1/4" PIPING AND 1" INSULATION FOR PIPING 1-1/2" OR LARGER.
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- PROVIDE BALANCE REPORT OF DOMESTIC WATER RECIRCULATING SYSTEM TO ENGINEER. PROVIDE P&T PORTS AND PRESSURE GAUGES ON EACH SIDE OF RECIRCULATING PUMP. PROVIDE THERMOMETER ON DISCHARGE SIDE OF PUMP.

PLUMBING GENERAL NOTES

- FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING.
- TEST WASTE AND VENT PIPING FOR LEAKAGE. AFTER PLUMBING FIXTURES HAVE BEEN SET AND TRAPS FILLED WITH WATER, TEST CONNECTIONS AND PROVE THEY ARE GASTIGHT AND WATERTIGHT. PLUG VENT-STACK OPENINGS ON ROOF AND BUILDING DRAINS WHERE THEY LEAVE BUILDING. INTRODUCE AIR INTO PIPING SYSTEM EQUAL TO PRESSURE OF 1-INCH WG. USE U-TUBE OR MANOMETER INSERTED IN TRAP OF WATER CLOSET TO MEASURE THIS PRESSURE. AIR PRESSURE MUST REMAIN CONSTANT WITHOUT INTRODUCING ADDITIONAL AIR THROUGHOUT PERIOD OF INSPECTION. INSPECT PLUMBING FIXTURE CONNECTIONS FOR GAS AND WATER LEAKS. REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST PIPING, OR PORTION THEREOF, UNTIL SATISFACTORY RESULTS ARE OBTAINED. PREPARE REPORTS FOR TESTS AND REQUIRED CORRECTIVE ACTION.
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 - WASTE PIPING IN KITCHENS TO BE EPOXY COATED CAST IRON OR STAINLESS STEEL

SHEET KEYNOTES

- TIE INTO EXISTING WASTE AND VENT PIPING IN THIS APPROXIMATE LOCATION.
- NEW PLUMBING FIXTURE TO BE CONNECTED TO EXISTING WASTE AND VENT PIPING.



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PROJECT DESCRIPTION

IHC KEY BANK
TOWER FLOORS
10/16

36 SOUTH STATE STREET
SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

LEVEL 10 PLUMBING
PLAN - DWV

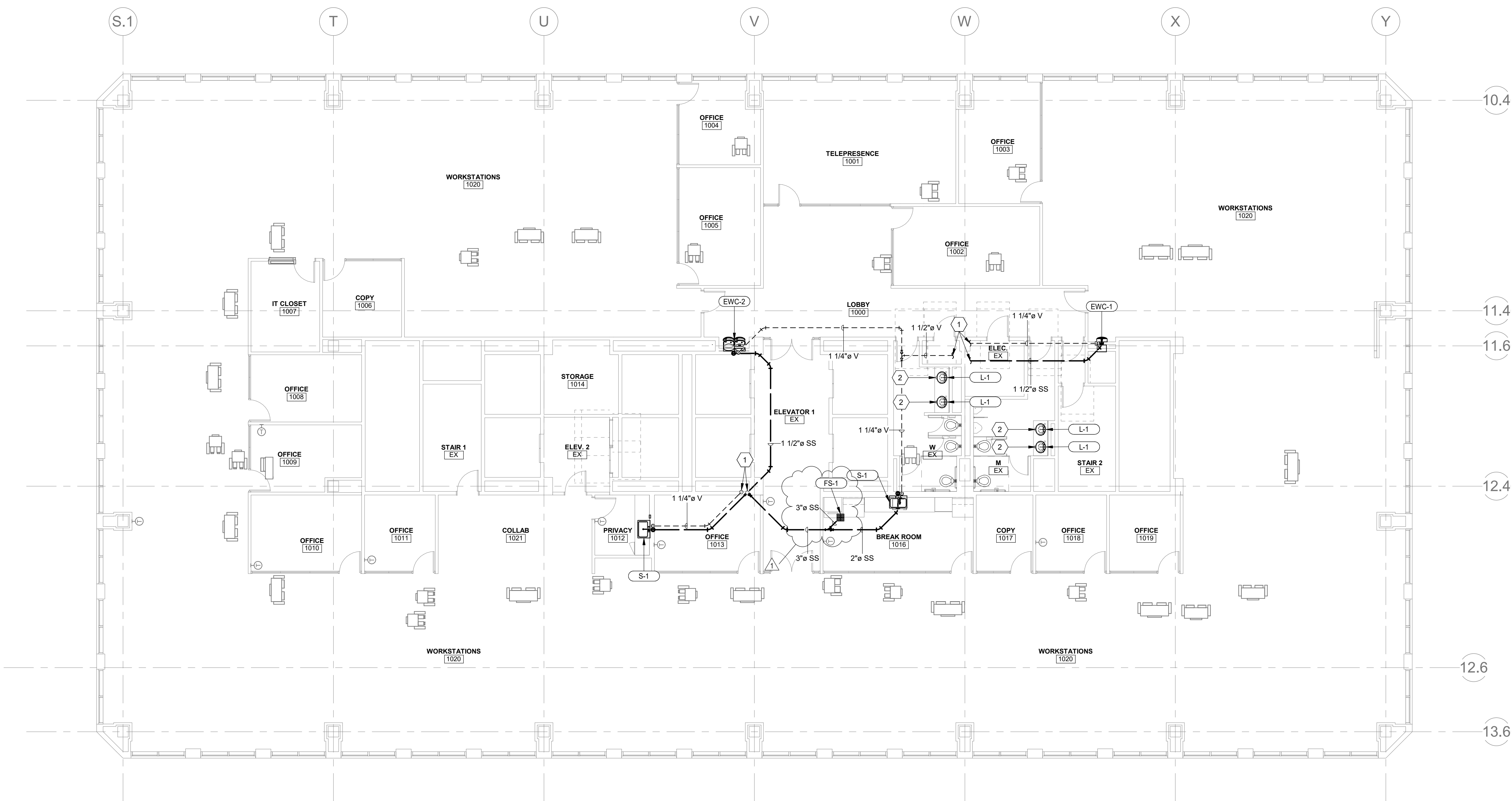
REVISIONS

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1 LEVEL 10 PLUMBING PLAN - DWV
1/8" = 1'-0"

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PLUMBING GENERAL NOTES	
1.	ALL DOMESTIC WATER PIPING TO BE COPPER. ALL HOT WATER AND HOT WATER RECIRCULATING PIPING TO BE INSULATED WITH 1" UP TO 1-1/4" PIPE AND 1-1/2" INSULATION FOR PIPING 1-1/2" AND LARGER. DOMESTIC COLD WATER PIPING TO BE INSULATED WITH 1/2" UP TO 1-1/4" PIPING AND 1" INSULATION FOR PIPING 1/1-2" OR LARGER.
2.	DISSIMILAR METAL PIPING CONNECTIONS SHALL HAVE DIELECTRIC ISOLATORS.
3.	ALL DOMESTIC WATER PIPING TO BE PRESSURE TESTED, CLEANED, AND DISINFECTED. PRESSURE TEST: CAP AND SUBJECT PIPING TO STATIC WATER PRESSURE OF 120 PSIG FOR FOUR HOURS. LEAKS AND LOSS IN TEST PRESSURE CONSTITUTE DEFECTS THAT MUST BE REPAIRED. PROVIDE RESULTS IN WRITTEN REPORT TO ENGINEER UPON COMPLETION. CLEAN AND DISINFECT: FLUSH PIPING SYSTEM, FILL SYSTEM WITH WATER/CHLORINE SOLUTION WITH AT LEAST 50 PPM OF CHLORINE FOR 24 HOURS. THOROUGHLY FLUSH SYSTEM. SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITIES HAVING JURISDICTION. PROVIDE REPORT TO ENGINEER STATING PROCEDURE FOLLOWED AND SIGNATURES OF GC AND THAT OF PERSONS PERFORMING PROCEDURE.
4.	BALL VALVES SHALL BE FULL PORT AND LEAD FREE. PROVIDE WITH HANDLE/STEM EXTENSIONS FOR PROPER FUNCTION WHEN FULLY INSULATED. EXTENSIONS TO BE SEALED AND VAPOR PROOF.
5.	ALL DOMESTIC WATER PIPING TO BE LOCATED ON WARM SIDE OF BUILDING ENVELOPE.
6.	WATER HAMMER ARRESTORS SHALL BE SIZED AND INSTALLED PER PLUMBING AND DRAINAGE INSTITUTE (STANDARD PDI-WH 201) REQUIREMENTS IN ACCESSIBLE LOCATIONS ON THE COLD WATER AND HOT WATER PIPING WHERE FLUSH VALVES OR QUICK CLOSING VALVES ARE USED.
7.	ALL ROOF DRAIN PIPING (PRIMARY AND SECONDARY) LOCATED IN BUILDING ENVELOPE, INCLUDING ROOF DRAIN BOWLS TO BE INSULATED.
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PLUMBING GENERAL NOTES	
11.	FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR FABRICATING.
12.	TEST WASTE AND VENT PIPING FOR LEAKAGE. AFTER PLUMBING FIXTURES HAVE BEEN SET AND TRAPS FILLED WITH WATER, TEST CONNECTIONS AND PROVE THEY ARE GASTIGHT AND WATERTIGHT. PLUG VENT-STACK OPENINGS ON ROOF AND BUILDING DRAINS WHERE THEY LEAVE BUILDING. INTRODUCE AIR INTO PIPING SYSTEM EQUAL TO PRESSURE OF 1-INCH WG. USE U-TUBE OR MANOMETER INSERTED IN TRAP OF WATER CLOSET TO MEASURE THIS PRESSURE. AIR PRESSURE MUST REMAIN CONSTANT WITHOUT INTRODUCING ADDITIONAL AIR THROUGHOUT PERIOD OF INSPECTION. INSPECT PLUMBING FIXTURE CONNECTIONS FOR GAS AND WATER LEAKS. REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST PIPING, OR PORTION THEREOF, UNTIL SATISFACTORY RESULTS ARE OBTAINED. PREPARE REPORTS FOR TESTS AND REQUIRED CORRECTIVE ACTION.
13.	PIPING SHALL NOT BE SUPPORTED FROM THE ROOF DECK, JOIST BRIDGING OR OTHER PIPES. HANG PIPES FROM BEAMS, JOIST OR SUPPLEMENTARY STRUCTURAL MEMBERS. WHERE POSSIBLE INSTALL ALL PIPING WITHIN 12" FROM SUPPORTING STRUCTURE.
14.	PLUMBING PIPING SCHEDULE: 1. DOMESTIC WATER ABOVE GRADE= TYPE L COPPER - SOLDERED 2. ROOF DRAIN, WASTE & VENT ABOVE GRADE = CAST IRON - HUBLESS COUPLINGS WITH HEAVY DUTY COUPLINGS 1. WASTE PIPING IN KITCHENS TO BE EPOXY COATED CAST IRON OR STAINLESS STEEL

SHEET KEYNOTES	
1	TIE INTO EXISTING WASTE AND VENT PIPING IN THIS APPROXIMATE LOCATION.
2	NEW PLUMBING FIXTURE TO BE CONNECTED TO EXISTING WASTE AND VENT PIPING.
3	CONDENSATE TO DRAIN INTO FUNNEL DRAIN IN THIS APPROXIMATE LOCATION. SEE PLUMBING DETAILS FOR MORE INFORMATION.

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PROJECT DESCRIPTION

**IHC KEY BANK
 TOWER FLOORS
 10/16**

36 SOUTH STATE STREET
 SALT LAKE CITY, UT 84111

AHJ STAMP

SHEET NAME:

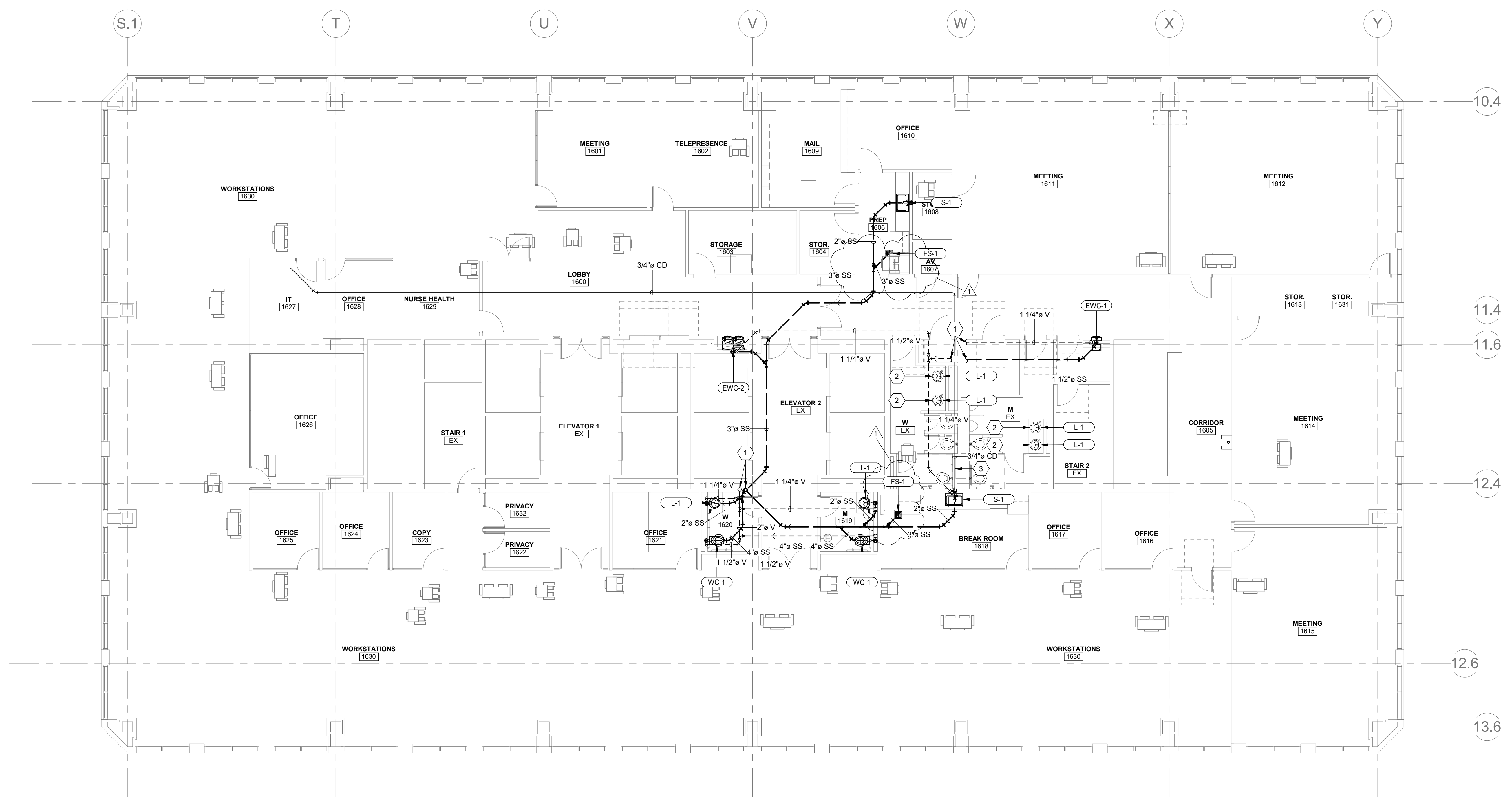
**LEVEL 16 PLUMBING
 PLAN - DWV**

REVISIONS

MARK	DATE	DESCRIPTION
1	06/05/19	Addendum #1

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① LEVEL 16 PLUMBING PLAN - DWV
 1/8" = 1'-0"

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SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMDP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
	PROPERTY LINE: DASHED, WIDE LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
	ELECTRICAL EQUIPMENT INDICATOR. "XXX" INDICATES TYPE OF EQUIPMENT OR EQUIPMENT ID. "EF-X" IDENTIFIES MECHANICAL EQUIPMENT BEING SERVED. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
WIRING METHODS	
	WIRING.
	WIRING TURNED UP OR TOWARDS OBSERVER.
	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL SPECIFICATIONS.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE. FOR BRANCH WIRING USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL SPECIFICATIONS.
	FLEXIBLE WIRING.
WIRING AND/OR RACEWAY: THIN LINE. WHERE "X" = :	
	CABLE TELEVISION
	CLOSED CIRCUIT TELEVISION
	FIRE ALARM
	FIBER OPTICS
	INTERCOM
	NURSE CALL
	POWER
	RIGID CONDUIT
	SOUND
	TELEPHONE
	TELEVISION
OTHERS AS NOTED IN OTHER SCHEDULES. RACEWAYS AND WIRING SHALL BE SIZED AS SHOWN AND/OR SPECIFIED.	
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
	JUNCTION BOX.
	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
	EARTH GROUND (ONE-LINE DIAGRAM).
	JUNCTION BOX, CEILING.
	LADDER RACK.
LIGHTING (REFER TO FIXTURE SCHEDULE FOR SYMBOLS)	
	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	FIXTURE IDENTIFICATION. EMERGENCY WITH BATTERY PACK, CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	EMERGENCY.
	NIGHT LIGHT. DO NOT SWITCH.
	EGRESS DIRECTION ARROW (EXIT SIGNS).
	LOW VOLTAGE LIGHTING TRANSFORMER.
	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
	EXIT SIGN: SINGLE FACE; WALL MOUNTED
	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
	RECEPTACLE, DUPLEX: NEMA 5-20R.
	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, QUADPLEX: NEMA 5-20R.
	RECEPTACLE, QUADPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	FLUSH FLOOR BOX. "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	FLUSH FIRE RATED POKE THRU. "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	SWITCH, DIMMER.
	SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, PILOT LIGHT.
	SWITCH, TIMER OPERATED.
	SWITCH, WEATHERPROOF.
	RECEPTACLE, SINGLE PLEX, WITH USB OUTLET
STRUCTURED CABLING	
	TELEPHONE, WALL MOUNTED ("X" INDICATES QUANTITY OF CABLES).
	DATA CONNECTION: WIRELESS ACCESS POINT (WAP). REQUIRES (2) DATA DROPS PER DEVICE
	TELEPHONE, WALL MOUNTED: WALL PHONE.
	OUTLET, DATA COMMUNICATION ("X" INDICATES QUANTITY OF CABLES).
	OUTLET, BUILDING STANDARD COMBINATION TELEPHONE/ DATA COMMUNICATION.
	TWO-WAY EMERGENCY COMMUNICATION DEVICE PER IBC, WALL MOUNTED IN RECESSED BOX
	TELEPHONE TERMINAL BOARD, FIRE TREATED PLYWOOD PAINTED.
	LAN RACK, FLOOR STANDING.
	DATA CABLE, CATEGORY 5 (ONE-LINE DIAGRAM).
	VOICE CABLE, CATEGORY 3 (ONE-LINE DIAGRAM).
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
	OCCUPANCY SENSOR CONTROL RELAY.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
	PHOTOCELL.
	OCCUPANCY SENSOR, SWITCH PACK.
	SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
	DIGITAL LIGHTING DIMMING CONTROLLER
	DIGITAL PLUG LOAD CONTROLLER
	DIGITAL LIGHTING ROOM CONTROLLER
	LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.

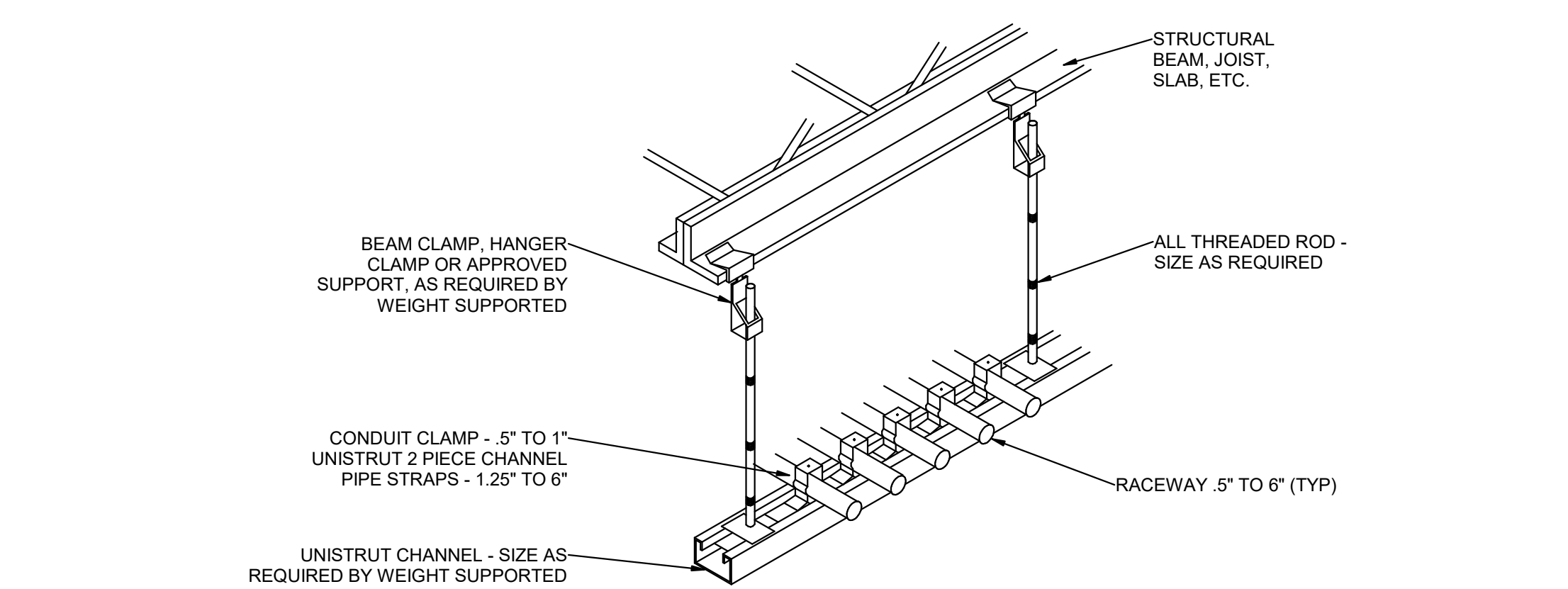
SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	STARTER, COMBINATION WITH DISCONNECT SWITCH.
	STARTER OR MOTOR CONTROLLER.
	PUSHBUTTON.
	PUSHBUTTONS, MOTOR CONTROL.
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
	DISTRIBUTION PANEL OR SWITCHBOARD.
FIRE ALARM	
	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
	FIRE ALARM NOTIFICATION POWER SUPPLY.
	FIRE ALARM TRANSPONDER OR TRANSMITTER.
	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED TO BY FIRE ALARM INSTALLERS.
	CONTROL MODULE.
	MONITOR MODULE.
	FIRE ALARM MANUAL PULL STATION.
	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
	MAGNETIC DOOR HOLDER.
	DETECTOR, SMOKE.
	DETECTOR, SMOKE WITH AUXILIARY CONTACT.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
	DETECTOR, HEAT.
	INDICATOR LAMP.
	STROBE. SUBSCRIPT INDICATES CANDELA RATING.
	SPEAKER, EVACUATION.
	SPEAKER, EVACUATION, COMBINATION STROBE.
	DETECTOR, FLOW SWITCH: FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
	DETECTOR, TAMPER SWITCH WITH VALVE: TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
	SMOKE DAMPER.
	FIRE AND SMOKE DAMPER.
	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.

ABBREVIATIONS			
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.			
1P	SINGLE POLE	kV	KILOVOLT
1PH	SINGLE-PHASE	kVA	KILOVOLT AMPERE
1WAY	ONE-WAY	kVAR	KILOVOLT AMPERE REACTIVE
2/C	TWO-CONDUCTOR	kW	KILOWATT
2WAY	TWO-WAY	kWh	KILOWATT HOUR
3/C	THREE-CONDUCTOR	LED	LIGHT EMITTING DIODE
3WAY	THREE-WAY	LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
4OUT	QUADRUPEL RECEPTACLE OUTLET	LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
4PDT	FOUR-POLE DOUBLE THROW	LPS	LOW PRESSURE SODIUM
4PST	FOUR-POLE SINGLE THROW	LRA	LOCKED ROTOR AMPS
4W	FOUR-WIRE	LTG	LIGHTING
4WAY	FOUR-WAY	LV	LOW VOLTAGE
A	ABOVE COUNTER	MATV	MASTER ANTENNA TELEVISION SYSTEM
AC	ARMORED CABLE	MAX	MAXIMUM
ADA	AMERICANS WITH DISABILITIES ACT	MC	METAL CLAD
ADJ	ADJACENT	MCA	MINIMUM CIRCUIT AMPS
AFF	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISHED GRADE	MCC	MOTOR CONTROL CENTER
AIC	AMPERE INTERRUPTING CAPACITY	MCP	MOTOR CIRCUIT PROTECTION
ALUM	ALUMINUM	MDP	MAIN DISTRIBUTION PANEL
AMP	AMPERE	MG	MOTOR GENERATOR
ANN	ANNUNCIATOR	MH	MANHOLE
AP	ACCESS POINT (WIRELESS DATA)	MIN	MINIMUM
AR	AS REQUIRED	MLO	MAIN LUGS ONLY
ASC	AS SHORT CIRCUIT	MOCPP	MAXIMUM OVERCURRENT PROTECTION
ATS	AUTOMATIC TRANSFER SWITCH	NA	NOT APPLICABLE
AV	AUDIO VISUAL	NC	NORMALLY CLOSED
AWG	AMERICAN WIRE GAGE	NEC	NATIONAL ELECTRICAL CODE
BB	BUCK-BOOST TRANSFORMER	NEMA	NATIOANL ELECTRICAL MANUFACTURERS ASSOCIATION
BFMR	BURIED FLOOR MOUNTED RECEPTACLE	NFC	NATIONAL FIRE CODE
C	CEILING MOUNTED	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CATV	COMMUNITY ANTENNA TELEVISION	NL	NOT IN CONTRACT
CB	CIRCUIT BREAKER	NIC	NIGHT LIGHT
COBA	CUSTOM COLOR AS SELECTED BY ARCHITECT	NO	NORMALLY OPEN
CCTV	CLOSED CIRCUIT TELEVISION	NTS	NOT TO SCALE
CF/C	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED	OC	ON CENTER
CF/OI	CONTRACTOR FURNISHED/ OWNER INSTALLED	OCP	OVER CURRENT PROTECTION
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT	OF/CI	CONTRACTOR INSTALLED/ OWNER FURNISHED
CKT	CIRCUIT	OF/OI	OWNER FURNISHED/ OWNER INSTALLED
CM	CONSTRUCTION MANAGER	OFF	OBTAIN FROM PLANS
CND	CONDUIT	OH/DR	OVERHEAD (COILING) DOOR OVERLOAD
CO	CONVENIENCE OUTLET	OL	OVERLOAD
COR	CONTRACTING OFFICER'S REPRESENTATIVE	PB	PUSHBUTTON
CP	CONTROL PANEL	PF	POWER FACTOR
CT	CURRENT TRANSFORMER	PH	PHASE
CTV	CABLE TELEVISION	PNL	PANEL
CU	COPPER	PT	POTENTIAL TRANSFORMER
DBA	UNIT OF SOUND LEVEL	PTZ	PAN/TILT/ZOOM
DPDT	DOUBLE POLE, DOUBLE THROW	QTY	QUANTITY
DS	DISCONNECT SWITCH	R	REMOVE
EA	EACH	RCP	REFLECTED CEILING PLAN
EM	EMERGENCY	RMC	RIGID METAL CONDUIT
EMT	ELECTRICAL METALLIC TUBING	RNC	RIGID NONMETAL CONDUIT
ENT	ELECTRIC NONMETALLIC TUBING	RPM	REVOLUTIONS PER MINUTE
EPO	EMERGENCY POWER OFF EQUIPMENT	RR	REMOVE AND RELOCATE
EQUIP	EQUIPMENT	S/S	START/STOP
EX	EXISTING	SCA	SHORT CIRCUIT AMPS
F	FURNITURE MOUNTED	SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
FA	FIRE ALARM	SF	SQUARE FOOT (FEET)
FCP	FIRE ALARM CONTROL PANEL	SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
FLA	FULL LOAD AMPS	SPD	SURGE PROTECTIVE DEVICE
FMC	FLEXIBLE METAL CONDUIT	SPTD	SINGLE POLE, DOUBLE THROW SPECIFICATION
FOB	FREIGHT ON BOARD	SPST	SINGLE POLE, SINGLE THROW
FVNR	FULL VOLTAGE NON-REVERSING	ST	SINGLE THROW
FVR	FULL VOLTAGE REVERSING	SWBD	SWITCHBOARD
G	GROUND	SWGR	SWITCHGEAR
GEN	GENERATOR	TL	TWIST LOCK
GFCI	GROUND FAULT INTERRUPTER	TP	TELEPHONE POLE
GFP	GROUND FAULT PROTECTION	TP	TWISTED PAIR
HD	HEAVY DUTY	TTB	TELEPHONE TERMINAL BOARD
HID	HIGH INTENSITY DISCHARGE	TV	TELEVISION
HOA	HAND-OFF-AUTOMATIC	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
HP	HORSE POWER	TYF	TYPICAL
HPF	HIGH POWER FACTOR	UF	UNDERFLOOR
HPS	HIGH PRESSURE SODIUM	UGND	UNDERGROUND
HV	HIGH VOLTAGE	UNPS	UNINTERRUPTIBLE POWER SUPPLY
HZ	HERTZ	V	VOLTS
IO	INPUT/OUTPUT	VA	VOLT AMPERE
IG	ISOLATED GROUND	VFC/VF	VARIABLE FREQUENCY MOTOR CONTROLLER
IMC	INTERMEDIATE METAL CONDUIT	W	WITH
INIS	INSULATED/ISOLATED	W/O	WITHOUT
IR	INFRARED	WP	WEATHERPROOF
J-BOX	JUNCTION BOX	XFMR	TRANSFORMER

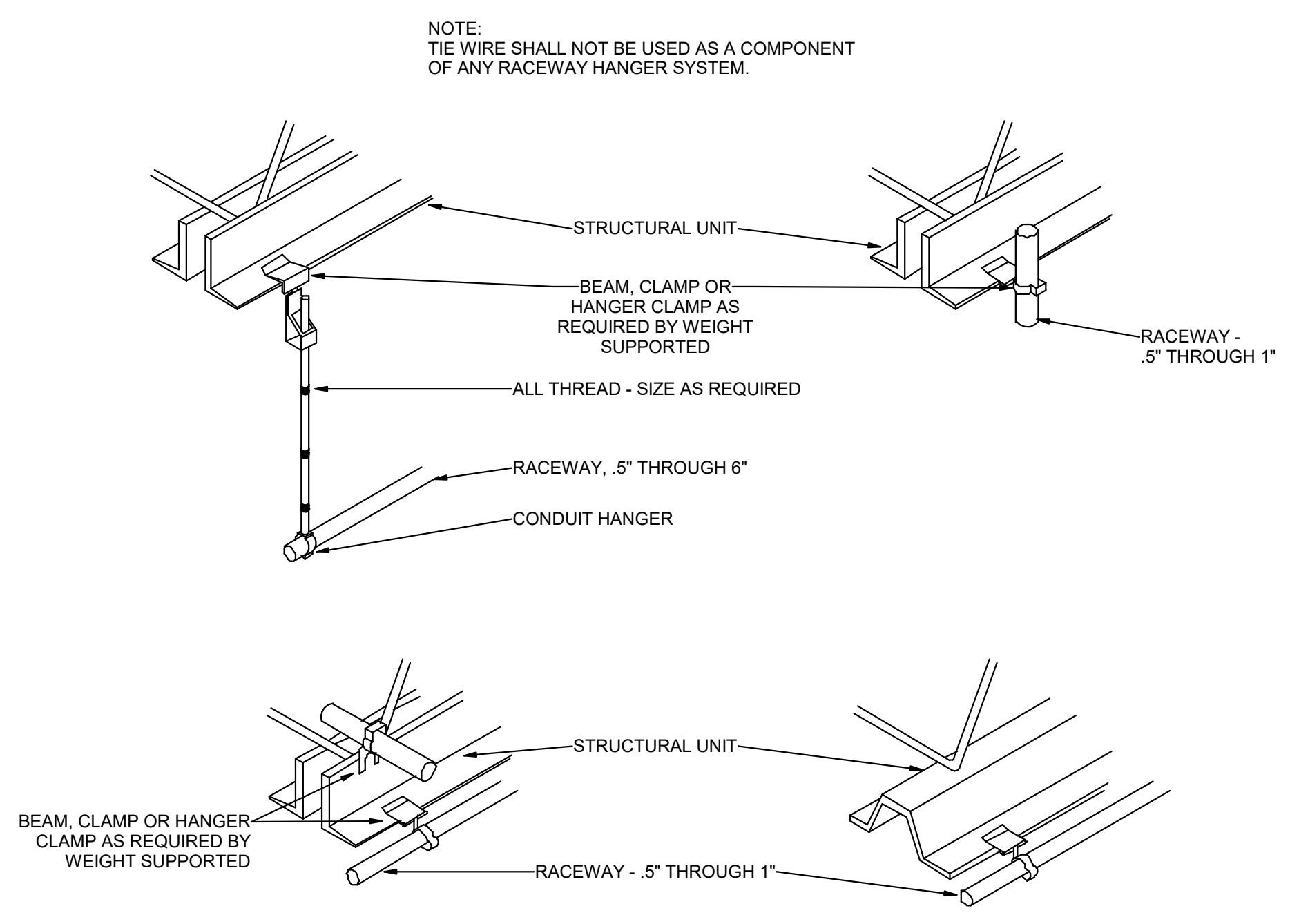
ELECTRICAL SHEET INDEX	
EE001	SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES
EE501	ELECTRICAL DETAILS
EE701	TYPICAL MOUNTING HEIGHT DETAILS
EE702	TYPICAL MOUNTING HEIGHT DETAILS
ED110	LEVEL 16 ELECTRICAL DEMOLITION PLAN
ED116	LEVEL 16 ELECTRICAL DEMOLITION PLAN
EP110	LEVEL 10 POWER PLAN
EP116	LEVEL 16 POWER PLAN
EP601	EQUIPMENT SCHEDULE
EP602	PANEL SCHEDULES
EP603	PANEL SCHEDULES
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EL116	LEVEL 16 LIGHTING PLAN
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EL216	LEVEL 16 LIGHTING ZONE PLAN
EL601	INTERIOR LIGHTING FIXTURE SCHEDULE
EL602	LIGHTING CONTROL SCHEDULES
EL603	LIGHTING CONTROL SCHEDULES
ET001	TELECOM SCHEDULES AND NOTES
ET110	LEVEL 10 TELECOM PLAN
ET116	LEVEL 16 TELECOM PLAN
ET401	ENLARGED TELECOM PLANS
ET501	TELECOM EQUIPMENT RACK ELEVATIONS
ET502	TELECOM EQUIPMENT RACK ELEVATIONS

GENERAL ELECTRICAL NOTES	
1.	CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC. SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.
2.	OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.
A.	THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT.
B.	THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER.
C.	THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE. THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.
3.	EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.
4.	BOOKMARKS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, SUBMITTED (EACH SECTION AND PRODUCT), AND HIGHLIGHT, JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.
5.	REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.
6.	ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.
7.	REFER TO ARCHITECTURAL DRAWINGS FOR INFORMATION ON THE FIRE RATINGS OF THE EXISTING BUILDING CORE WALLS AND FLOOR/CEILING ASSEMBLIES.
DEFINITIONS	
NOTE: ALL DEFINITIONS MAY NOT BE USED.	
INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.	
DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.	
APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.	
FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUP	

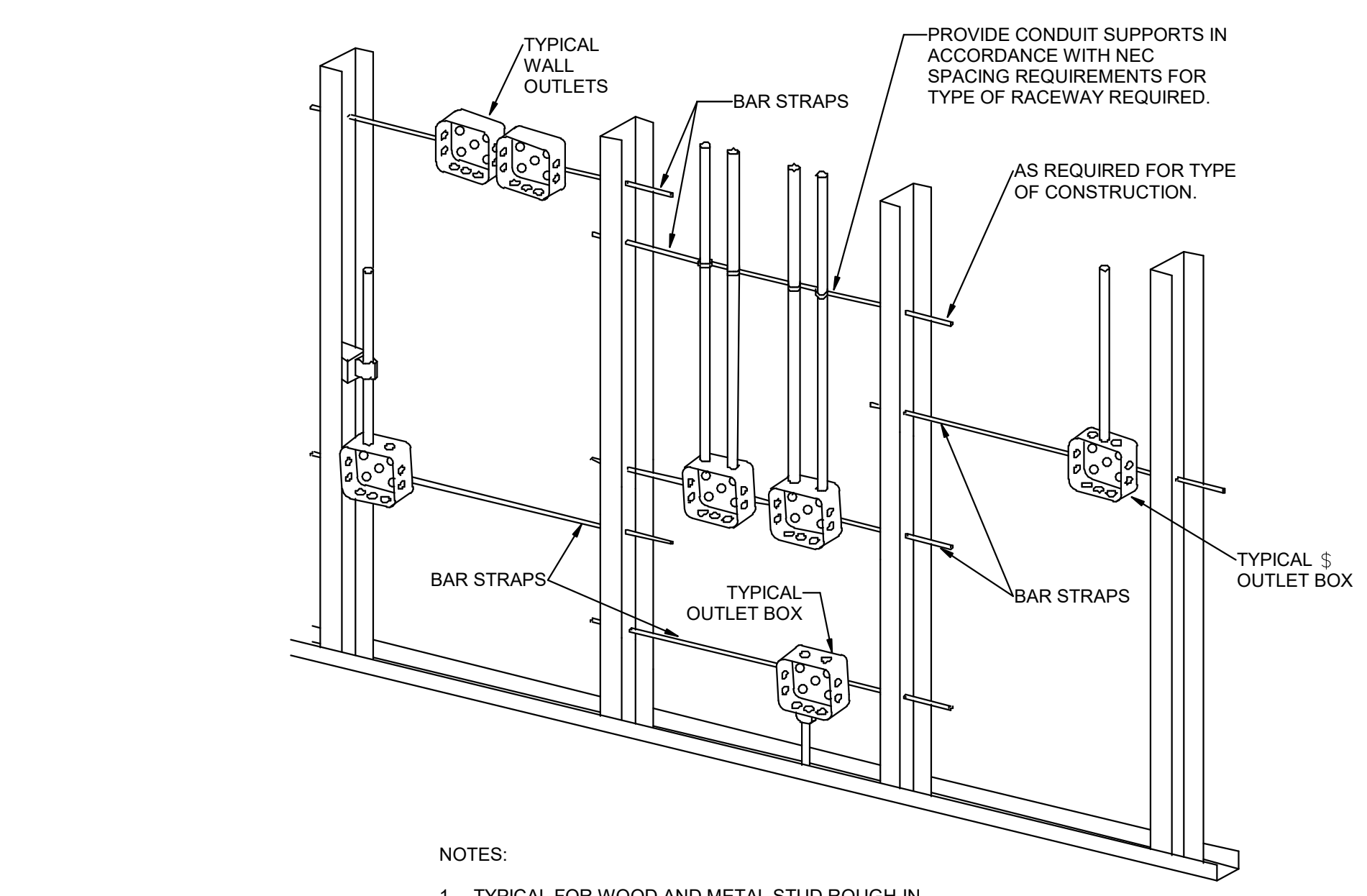
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4 TYPICAL CONDUIT RACK DETAIL
SCALE: NTS

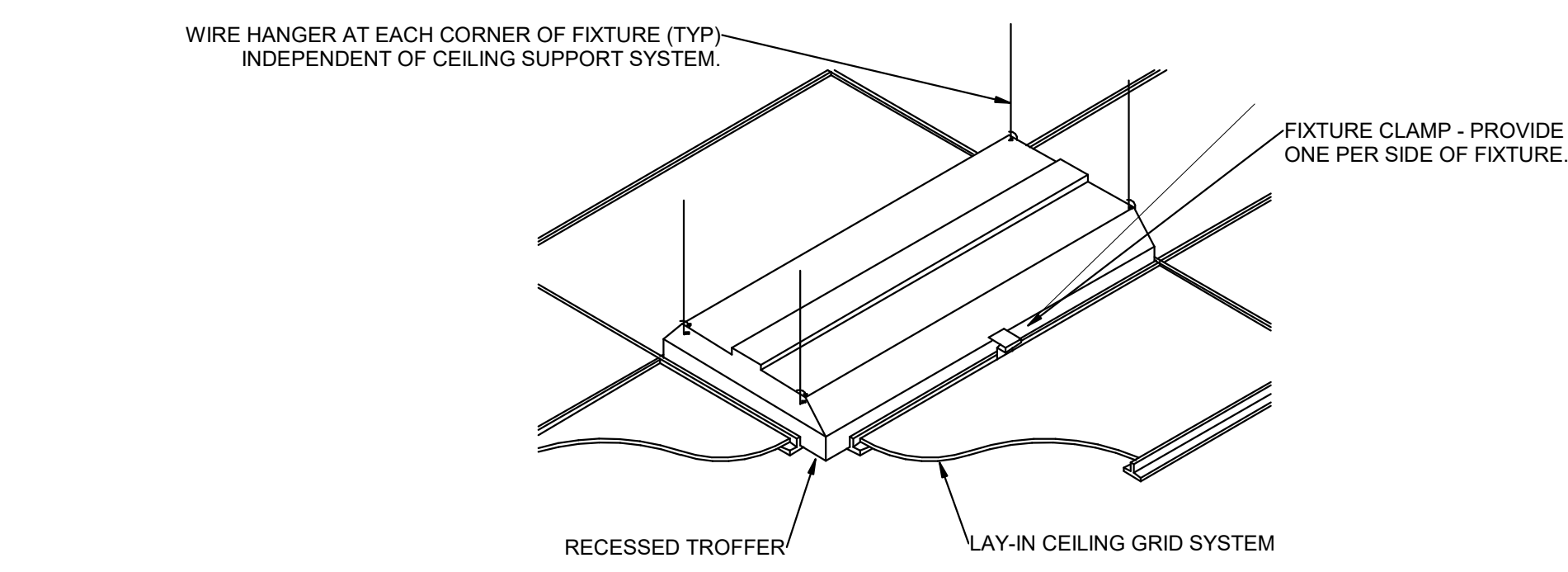


3 TYPICAL RACEWAY SUPPORT METHODS DETAIL
SCALE: NTS



- NOTES:
1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
 2. PLASTER RINGS NOT SHOWN.
 3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
 4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE IN A RATED FIRE SEPARATION WALL MUST BE SEPARATED BY A MINIMUM OF 24\"/>

2 TYPICAL ROUGH-IN REQUIREMENTS DETAIL
SCALE: NTS



1 RECESSED FIXTURE MOUNTING DETAIL
SCALE: NTS



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PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111
AHJ STAMP

SHEET NAME:
ELECTRICAL DETAILS

REVISIONS

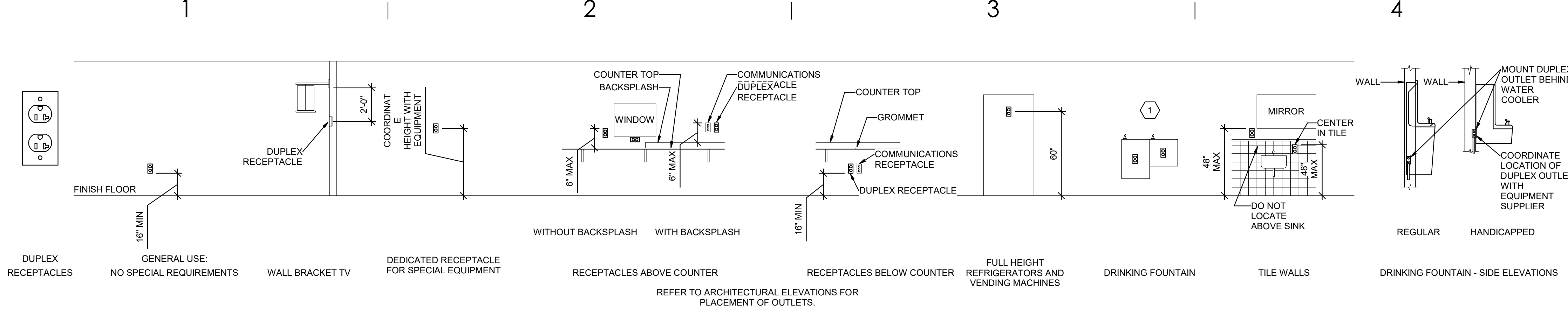
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PROJECT#: 1904.01

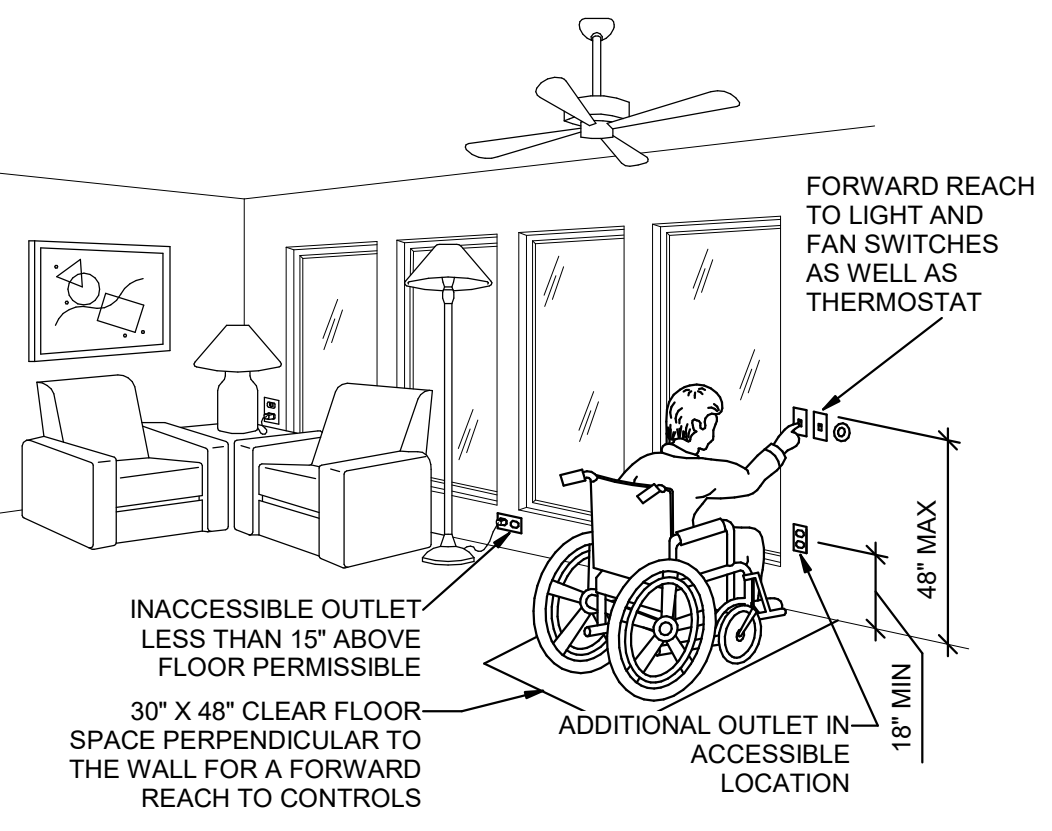
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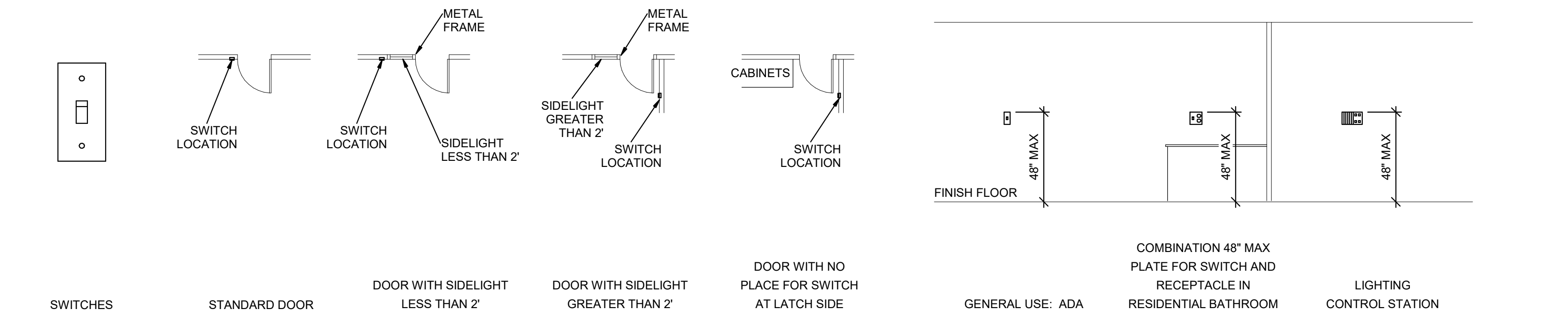
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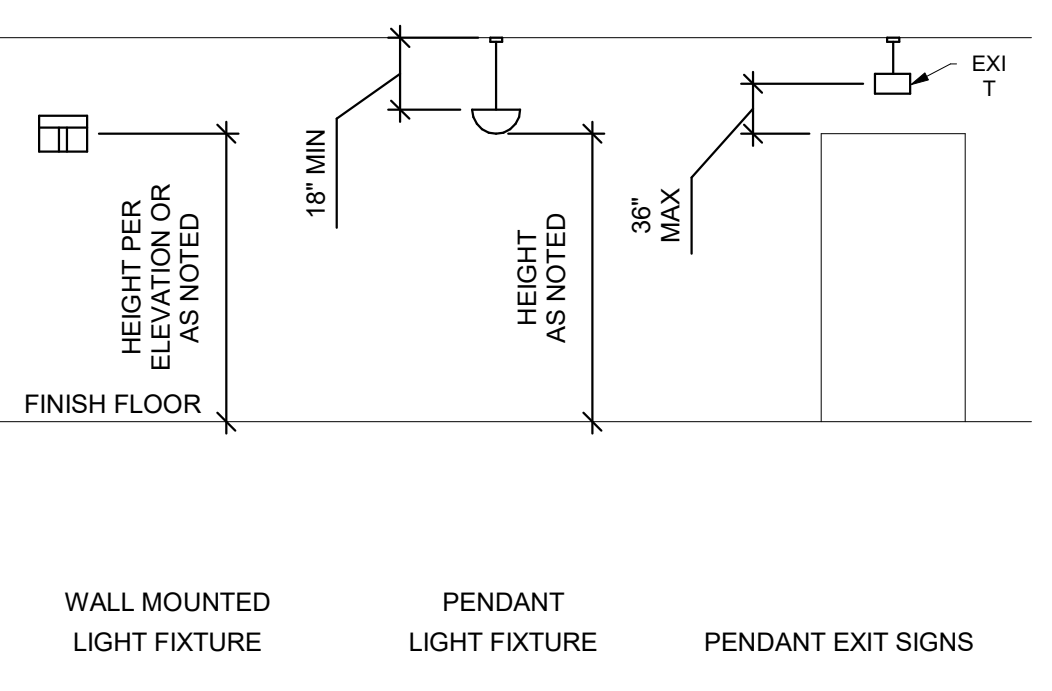
E2 RECEPTACLE MOUNTING DETAILS
SCALE: NTS



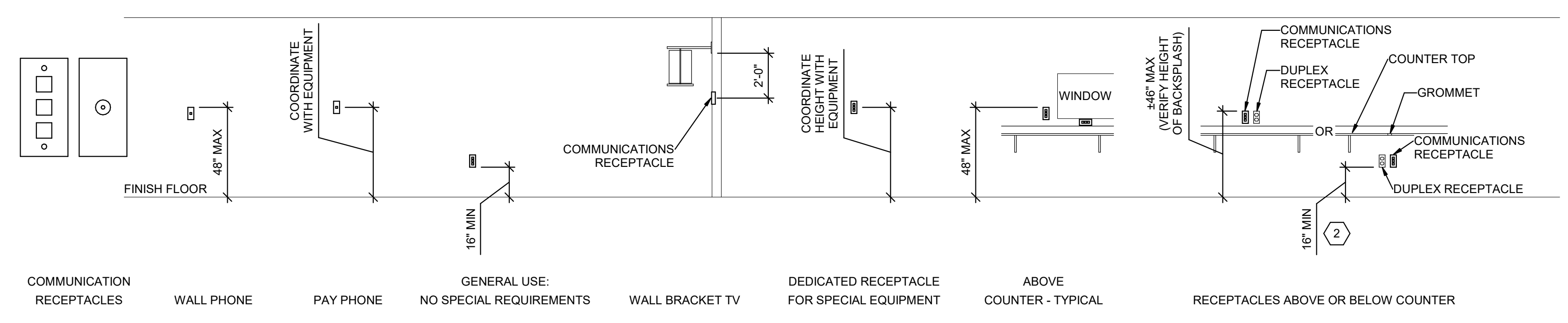
D2 ADA DETAIL
SCALE: NTS



D3 SWITCH MOUNTING DETAILS
SCALE: NTS



C2 LIGHTING MOUNTING DETAILS
SCALE: NTS



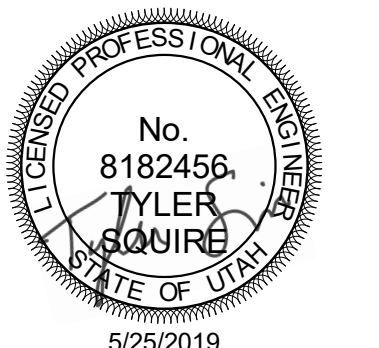
C3 COMMUNICATIONS MOUNTING DETAILS
SCALE: NTS

GENERAL SHEET NOTES

- DETERMINE MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
 - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).
 - EQUIPMENT SHOP DRAWINGS.
 - FIELD INSTRUCTIONS.
- LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.
- MECHANICAL, ELECTRICAL, AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTACLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTACLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.
- MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.
- SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.
- LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.
- VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.
- LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.
- WHERE DEVICES ARE LOCATED IN CLOSE PROXIMITY OF THE SAME VERTICAL PLANE, ALIGN DEVICES VERTICALLY PER THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL, UNLESS OTHERWISE INDICATED.



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PROJECT DESCRIPTION
KEY BANK TOWER LEVEL 10 AND 16 TI

SHEET KEYNOTES

- LOCATE RECEPTACLES BEHIND DRINKING FOUNTAINS.
- REFER TO ARCHITECTURAL ELEVATIONS FOR PLACEMENT OF OUTLETS.
- LOCATE AT BOTTOM OF BEAMS (OR JOISTS) OR AT CEILING. (REDUCE SPACING BY .5 PERPENDICULAR TO BEAM OR JOIST DIRECTION.) FOR OTHER CONDITIONS, REFER TO NFPA 72.
- LOCATE DETECTOR ANYWHERE IN SHADED AREA BUT NOT IN TOP 4\"/>

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SHEET NAME:
TYPICAL MOUNTING HEIGHT DETAILS

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ISSUE DATE: 5/25/2019
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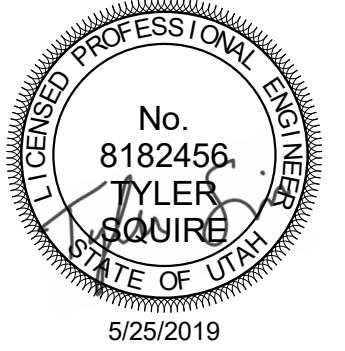
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36 S STATE ST, SLC UT 84111
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SHEET NAME:
**TYPICAL MOUNTING
 HEIGHT DETAILS**

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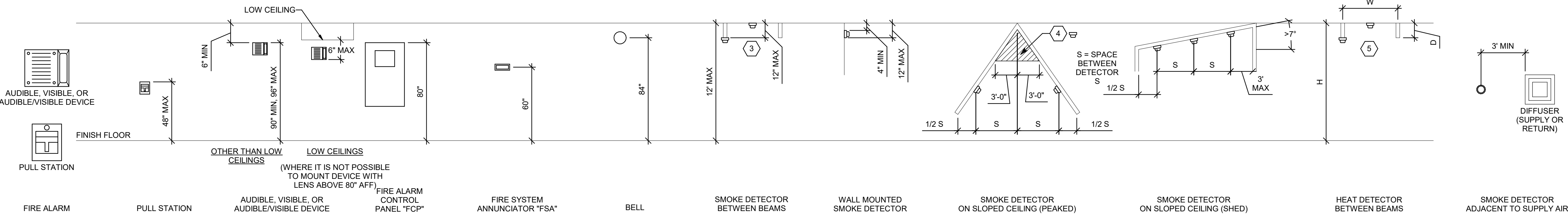
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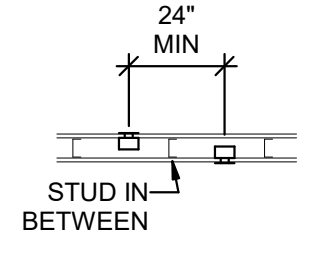
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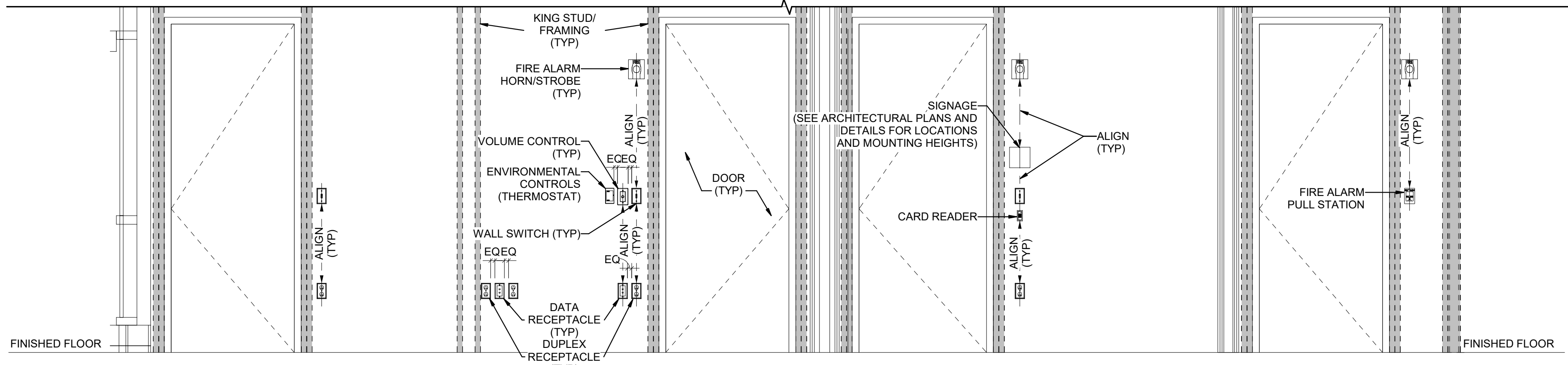
A



B1 FIRE ALARM MOUNTING DETAILS
 SCALE: NTS



A1 BOX MOUNTING DETAILS
 SCALE: NTS



A2 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL
 SCALE: NTS

3	4	5
<p>SHEET KEYNOTES</p> <p>1 ELECTRICAL EQUIPMENT IN THIS ROOM IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE.</p>	<p>GENERAL SHEET NOTES</p> <p>1 UNLESS OTHERWISE INDICATED, REMOVE ALL LIGHTING FIXTURES, OUTLETS, DEVICES AND EQUIPMENT IN HATCHED AREAS. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE PANELBOARD OF ORIGINATION. SYSTEMATICALLY CHECK EACH BRANCH PANELBOARD CIRCUIT TO VERIFY EACH THAT CIRCUIT BREAKER NO LONGER HAS ANY ACTIVE LOADS. DISCONNECT THE WIRING AND TURN THE CIRCUIT BREAKER OFF. ANY REMAINING ACTIVE LOADS SHALL BE LABELED AT THE PANELBOARD AS TO WHAT LOAD IS SERVED.</p> <p>2 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.</p> <p>3 SALVAGE ALL POWER POLES, LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.</p> <p>4 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.</p> <p>5 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.</p> <p>6 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, REROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.</p>	<p>GENERAL SHEET NOTES</p> <p>7 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED, WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.</p> <p>8 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.</p> <p>9 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.</p> <p>10 WHERE DEVICES ARE SHOWN EXISTING TO REMAIN, PROVIDE NEW ELECTRICAL DEVICES AND FACEPLATES. EXISTING CIRCUITING MAY BE MAINTAINED.</p> <p>11 THE EXISTING CORE WALLS AND SHAFTS ARE FIRE RATED. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.</p>



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TYLER SQUIRE
STATE OF UTAH
5/25/2019

ARCHITECT / CONSULTANT



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PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111
AHJ STAMP

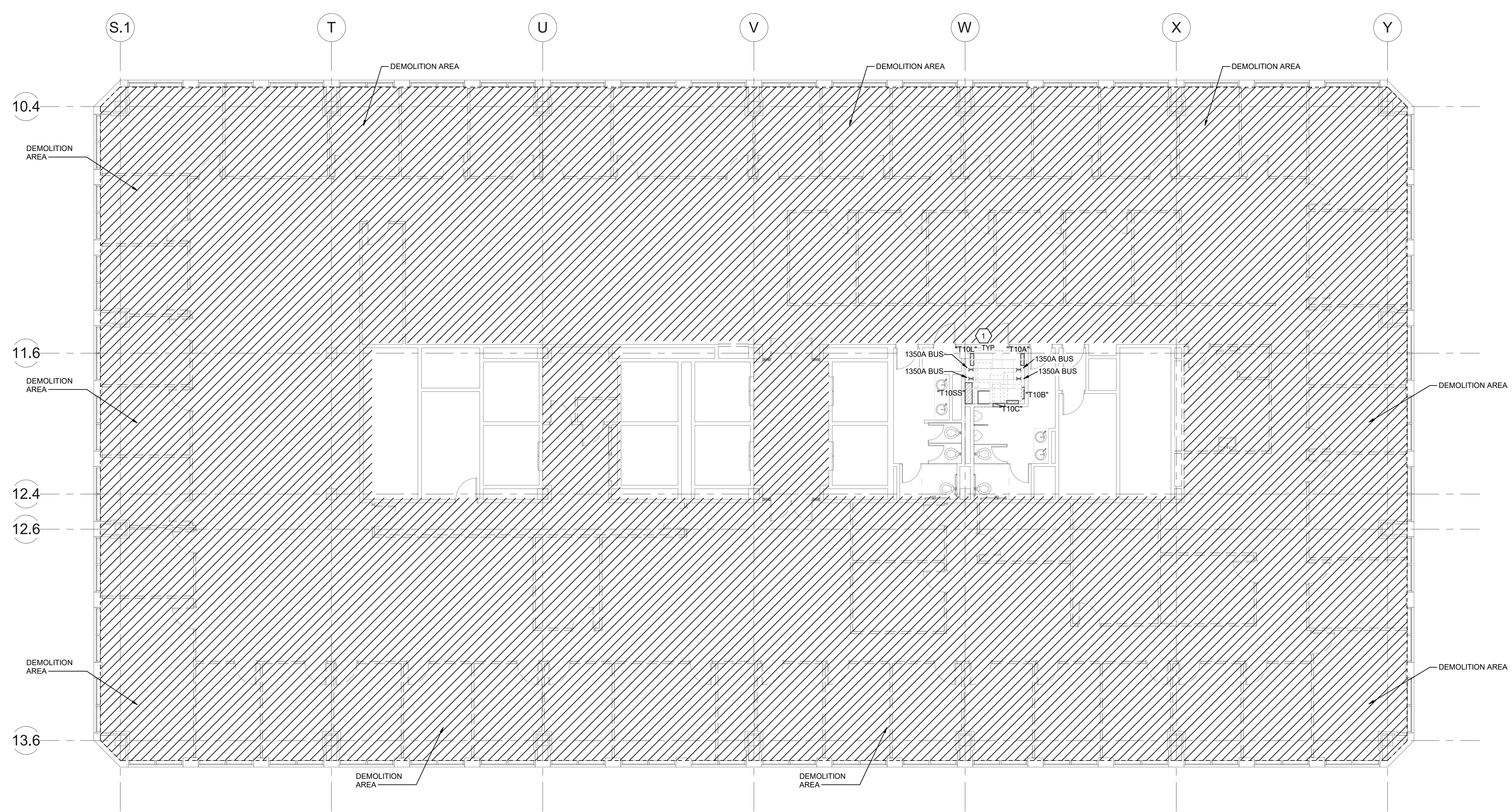
SHEET NAME:
**LEVEL 10 ELECTRICAL
DEMOLITION PLAN**

MARK	DATE	DESCRIPTION

ISSUE DATE: 5/25/2019
ISSUE TYPE: PERMIT
DRAWN BY: DBS
CHECKED BY: TDS
PROJECT#: 1904.01

SHEET NUMBER:

ED110



A1 LEVEL 10 ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

5/24/2019 6:31:02 PM E:\Autodesk\2019\20190118 Elec Central\tds.spectrum-engineers_com.rvt
 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THE PROPERTY OF AJC ARCHITECTS PC AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF AJC ARCHITECTS PC.
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 INAPPROPRIATE IN VIOLATION OF UTAH CODE 19-3-201.

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 UNLESS OTHERWISE INDICATED, DIMENSIONS SHALL BE IN FEET AND INCHES. DIMENSIONS SHALL BE SHOWN ON THE DRAWING. DIMENSIONS SHALL BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET.

3	4	5
SHEET KEYNOTES	GENERAL SHEET NOTES	GENERAL SHEET NOTES
	1 UNLESS OTHERWISE INDICATED, REMOVE ALL LIGHTING FIXTURES, OUTLETS, DEVICES AND EQUIPMENT IN HATCHED AREAS. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE PANELBOARD OF ORIGIN. SYSTEMATICALLY CHECK EACH BRANCH PANELBOARD CIRCUIT TO VERIFY EACH THAT CIRCUIT BREAKER NO LONGER HAS ANY ACTIVE LOADS. DISCONNECT THE WIRING AND TURN THE CIRCUIT BREAKER OFF. ANY REMAINING ACTIVE LOADS SHALL BE LABELED AT THE PANELBOARD AS TO WHAT LOAD IS SERVED. 2 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS. 3 SALVAGE ALL POWER POLES, LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE. 4 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID. 5 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE. 6 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, REROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.	7 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED, WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED. 8 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED. 9 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION. 10 WHERE DEVICES ARE SHOWN EXISTING TO REMAIN, PROVIDE NEW ELECTRICAL DEVICES AND FACEPLATES. EXISTING CIRCUITING MAY BE MAINTAINED. 11 THE EXISTING CORE WALLS AND SHAFTS ARE FIRE RATED. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.



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PROJECT DESCRIPTION
**KEY BANK TOWER
 LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111
 AHJ STAMP

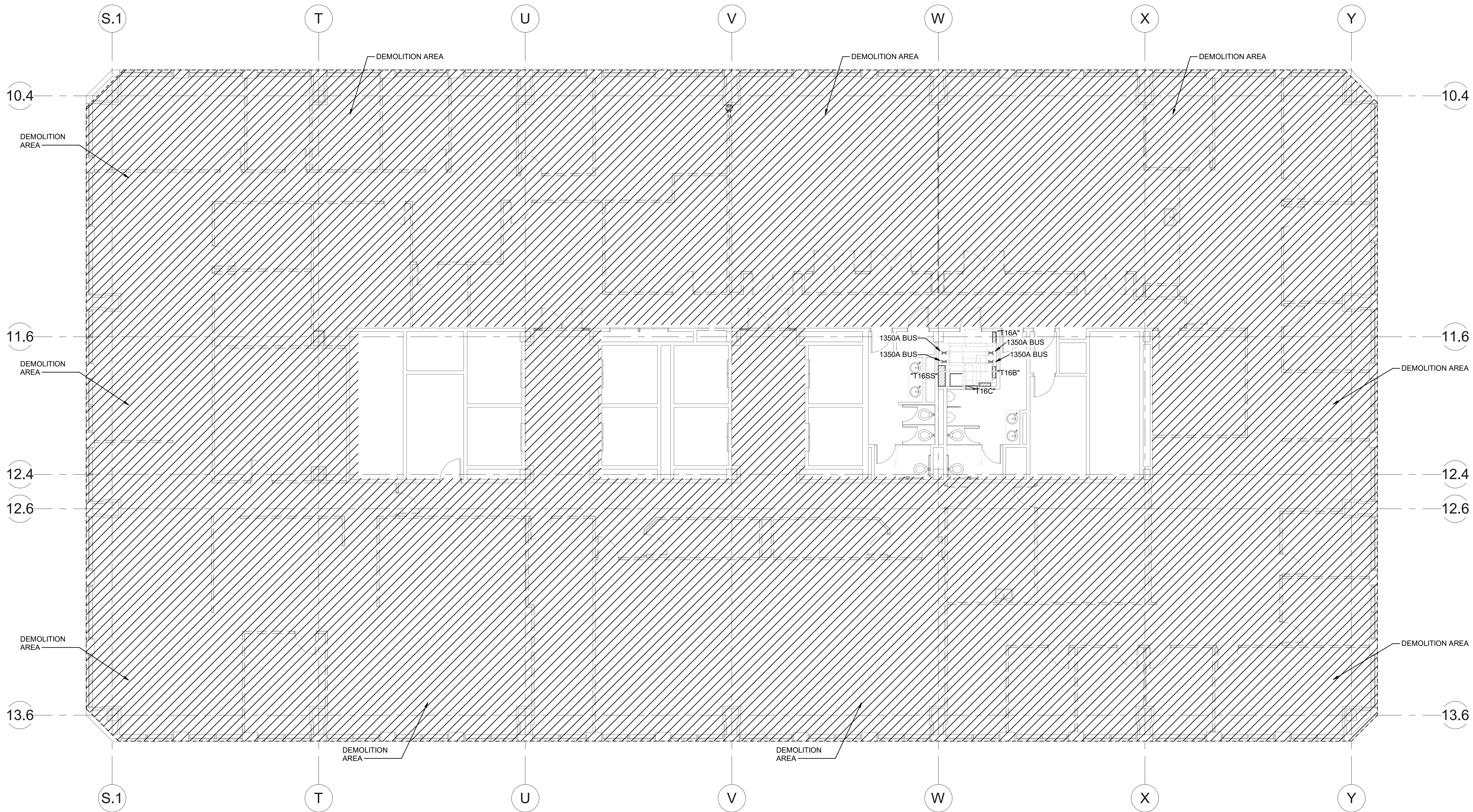
SHEET NAME:
**LEVEL 16 ELECTRICAL
 DEMOLITION PLAN**

REVISIONS
 MARK DATE DESCRIPTION

ISSUE DATE: 5/25/2019
 ISSUE TYPE: PERMIT
 DRAWN BY: DBS
 CHECKED BY: TDS
 PROJECT#: 1904.01

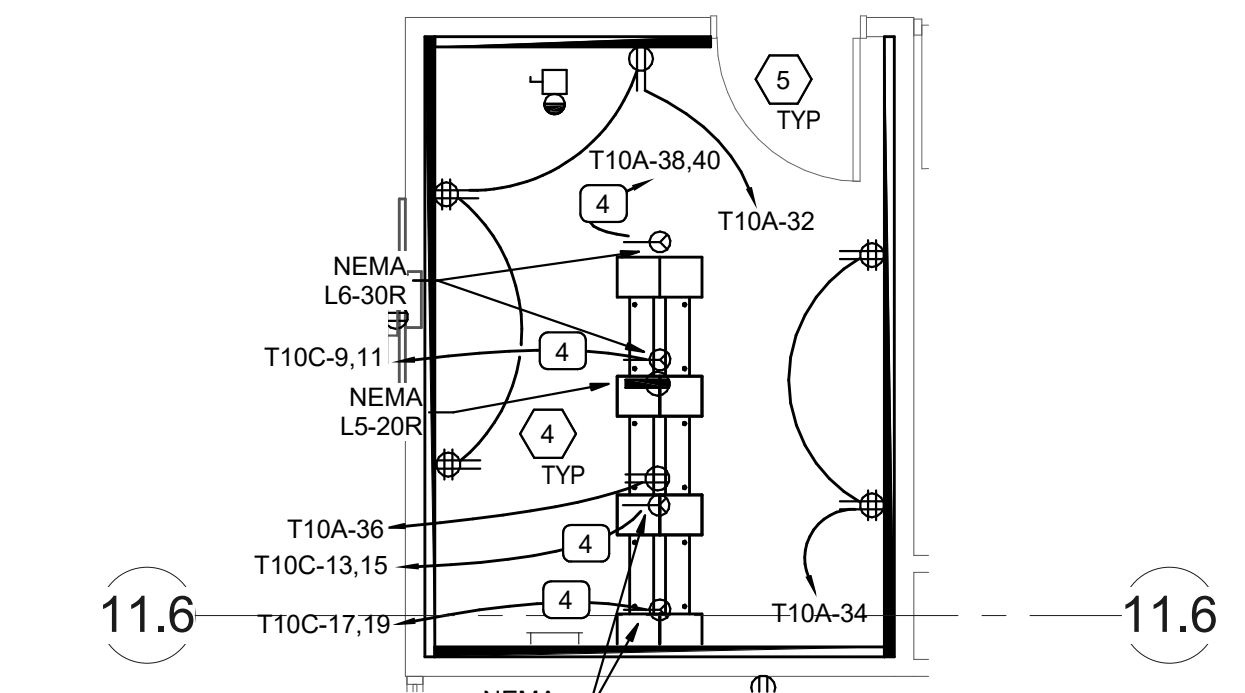
SHEET NUMBER:

ED116



A1 LEVEL 16 ELECTRICAL DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

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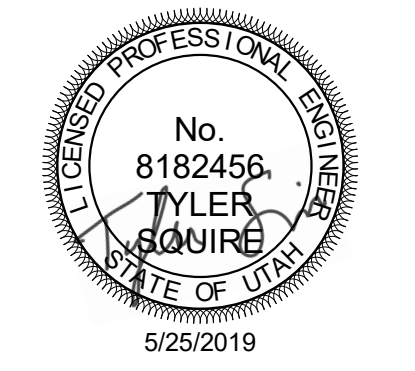


ENLARGED I.T. ROOM POWER PLAN
1/4" = 1'-0"

SHEET KEYNOTES	
1	PROVIDE ELECTRICAL CONNECTIONS TO SYSTEMS FURNITURE. DESIGN IS BASED ON 4 CIRCUITS WIRE SYSTEM (3 CIRCUITS, SHARED OVERSIZED NEUTRAL AND GROUND, PLUS 1 CIRCUIT WITH DEDICATED NEUTRAL AND GROUND). VERIFY WIRING CONFIGURATION AND FEED POINT WITH SYSTEMS FURNITURE INSTALLER PRIOR TO INSTALLATION. COORDINATE WITH FURNITURE INSTALLER SUCH THAT CIRCUITS ARE UNIFORMLY DISTRIBUTED TO NO MORE THAN 3 WORKSTATIONS PER CIRCUIT AND EACH WORKSTATION ONLY HAVING AVAILABLE ITS ASSIGNED CIRCUIT. COPIER OR PRINTERS LOCATED IN A GROUP OF WORKSTATIONS SHALL RECEIVE A DEDICATED CIRCUIT.
2	PROVIDE ELECTRICAL AND DATA RECEPTACLE MOUNTED IN AV BACKBOX FOR AV MONITOR. COORDINATE WITH ARCHITECTURAL DETAILS AND AV INSTALLER.
3	PROVIDE ELECTRICAL CONNECTIONS TO ADA DOOR OPERATORS. COORDINATE MOUNTING LOCATION WITH THE ARCHITECT PRIOR TO ROUGH-IN.
4	ELECTRICAL DEVICES ARE TO BE MOUNTED TO THE REAR OF THE LADDER RACK AT 7' 6". COORDINATE EXACT LOCATION WITH TELECOMM INSTALLERS.
5	ALL ELECTRICAL CIRCUITS IN THIS ROOM MUST BE RUN IN EMT. MC CABLE IS NOT ALLOWED FOR USE IN THE IT ROOM OR ELECTRICAL ROOM.
6	CIRCUIT WITH EXISTING RESTROOM ELECTRICAL RECEPTACLES.

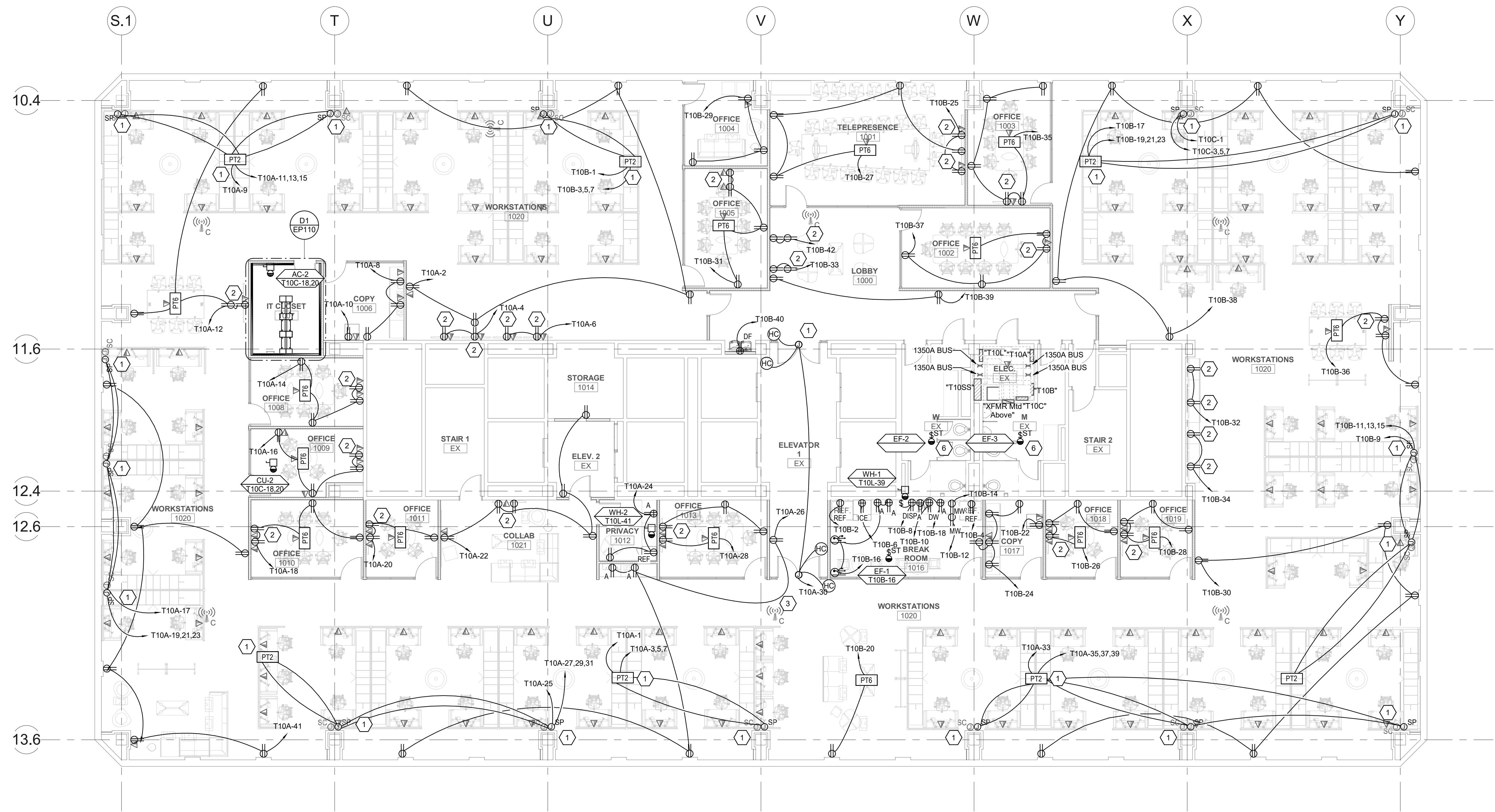
GENERAL SHEET NOTES	
1	LOCATIONS OF ALL POKE-THRU'S AND SYSTEMS FURNITURE JUNCTION BOXES SHOWN SHALL BE VERIFIED WITH THE FURNITURE VENDOR AND ARCHITECT PRIOR TO INSTALLATION.
2	LOCATIONS OF MECHANICAL EQUIPMENT SHOWN IS APPROXIMATE. COORDINATE THE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH THE MECHANICAL INSTALLER PRIOR TO ROUGH-IN.
3	COORDINATE WITH ARCHITECT FOR FIRE RATED CONSTRUCTION.
4	THE EXISTING CORE WALLS AND SHAFTS ARE FIRE RATED. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
5	REFER TO THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL ON SHEET EE702 FOR ADDITIONAL REQUIREMENTS REGARDING DEVICE LOCATIONS.


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A1 LEVEL 10 POWER PLAN
SCALE: 1/8" = 1'-0"

PROJECT DESCRIPTION
**KEY BANK TOWER
 LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111
 AHJ STAMP

SHEET NAME:
LEVEL 10 POWER PLAN

REVISIONS		
MARK	DATE	DESCRIPTION

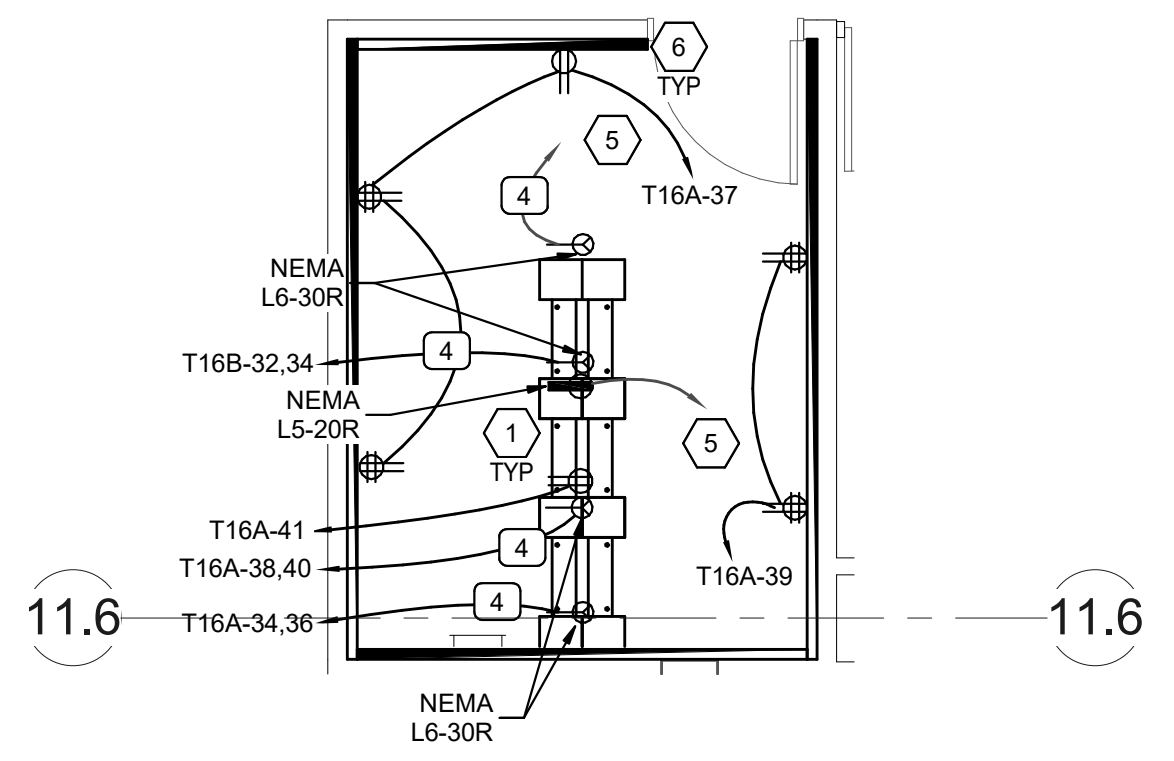
ISSUE DATE: 5/25/2019
 ISSUE TYPE: PERMIT
 DRAWN BY: DBS
 CHECKED BY: TDS
 PROJECT#: 1904.01

SHEET NUMBER:

EP110

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 5/31/2019 2:56:27 PM
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 INAPPROPRIATE IN VIOLATION OF 12-2-2-31-1 ET. SEQ. AND OTHER LAWS.

1 | 2 | 3 | 4 | 5



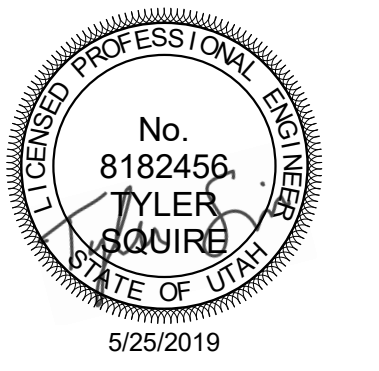
D1 ENLARGED I.T. 1627 POWER PLAN
SCALE: 1/4" = 1'-0"

- ### SHEET KEYNOTES
- ELECTRICAL DEVICES ARE TO BE MOUNTED TO THE REAR OF THE LADDER RACK AT 7' 6". COORDINATE EXACT LOCATION WITH TELECOMM INSTALLERS.
 - PROVIDE ELECTRICAL AND DATA RECEPTACLE MOUNTED IN AV BACKBOX FOR AV MONITOR. COORDINATE WITH ARCHITECTURAL DETAILS AND AV INSTALLER.
 - PROVIDE ELECTRICAL CONNECTIONS TO SYSTEMS FURNITURE. DESIGN IS BASED ON 4 CIRCUIT/8 WIRE SYSTEM (3 CIRCUITS, SHARED OVERSIZED NEUTRAL AND GROUND, PLUS 1 CIRCUIT WITH DEDICATED NEUTRAL AND GROUND). VERIFY WIRING CONFIGURATION AND FEED POINT WITH SYSTEMS FURNITURE INSTALLER PRIOR TO INSTALLATION. COORDINATE WITH FURNITURE INSTALLER SUCH THAT CIRCUITS ARE UNIFORMLY DISTRIBUTED TO NO MORE THAN 3 WORKSTATIONS PER CIRCUIT AND EACH WORKSTATION ONLY HAVING AVAILABLE ITS ASSIGNED CIRCUIT. COPIER OR PRINTERS LOCATED IN A GROUP OF WORKSTATIONS SHALL RECEIVE A DEDICATED CIRCUIT.
 - PROVIDE NEW 120/208V, 60 CIRCUIT, 100A PANELBOARD SECTION. REPLACE EXISTING PANELBOARD AND TERMINATE SUB-FEED IN NEW PANEL.
 - RUN THE UPS CIRCUITS TO THE LEVEL 22 TDR LOCATED DIRECTLY ABOVE THIS ROOM ON THE FLOOR ABOVE. COORDINATE THE EXACT TERMINATION LOCATION WITH THE OWNER PRIOR TO MAKING FINAL CONNECTIONS.
 - ALL ELECTRICAL CIRCUITS IN THIS ROOM MUST BE RUN IN EMT. MC CABLE IS NOT ALLOWED FOR USE IN THE IT ROOM OR ELECTRICAL ROOM.
 - PROVIDE ELECTRICAL CONNECTIONS TO ADA DOOR OPERATORS. COORDINATE MOUNTING LOCATION WITH THE ARCHITECT PRIOR TO ROUGH-IN.

- ### GENERAL SHEET NOTES
- PROVIDE THIS OFFICIAL POSITIONING AND DIMENSIONS FOR ALL ELECTRICAL DEVICES. PROVIDE THIS INFORMATION TO THE MECHANICAL CONTRACTOR FOR COORDINATION. PROVIDE THIS INFORMATION TO THE MECHANICAL CONTRACTOR FOR COORDINATION. PROVIDE THIS INFORMATION TO THE MECHANICAL CONTRACTOR FOR COORDINATION.
 - LOCATIONS OF MECHANICAL EQUIPMENT SHOWN IS APPROXIMATE. COORDINATE WITH ARCHITECT FOR FIRE RATED CONSTRUCTION.
 - COORDINATE WITH ARCHITECT FOR FIRE RATED CONSTRUCTION.
 - THE EXISTING CORE WALLS AND SHAFTS ARE FIRE RATED. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - REFER TO THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL ON SHEET EE702 FOR ADDITIONAL REQUIREMENTS REGARDING DEVICE LOCATIONS.

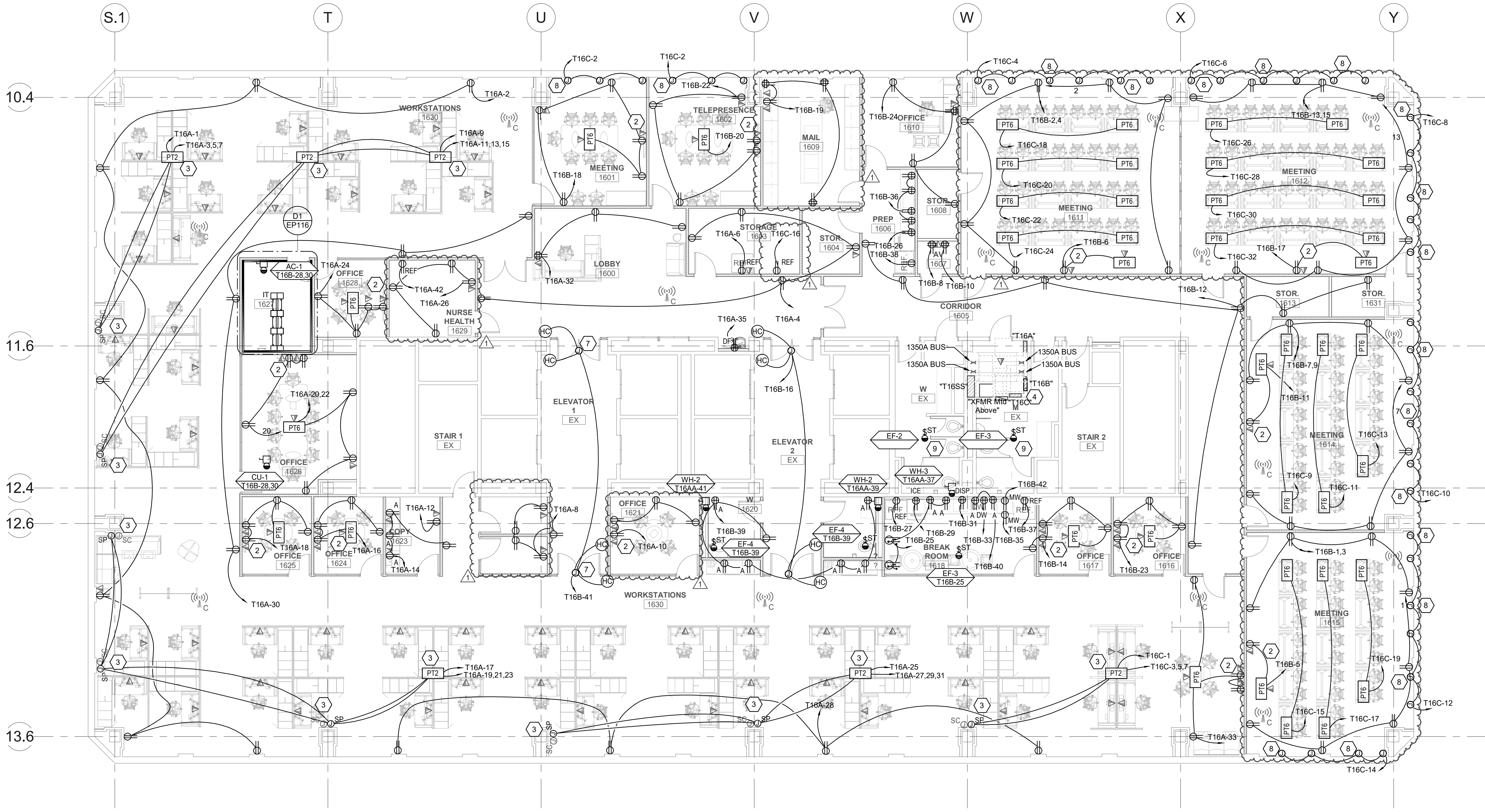


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A1 LEVEL 16 POWER PLAN
SCALE: 1/8" = 1'-0"

PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111
AHJ STAMP

SHEET NAME:
LEVEL 16 POWER PLAN

REVISIONS

MARK	DATE	DESCRIPTION
1	6/4/19	ADD #01

ISSUE DATE: 5/25/2019
ISSUE TYPE: PERMIT
DRAWN BY: DBS
CHECKED BY: TDS
PROJECT#: 1904.01

SHEET NUMBER:

EP116

1 | 2 | 3 | 4 | 5

EXISTING PANEL: "T16B"

VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		LOCATION:		CABINET:		NOTES:				
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		100 AMPERE MAIN LUGS				SURFACE						
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR														
AIC RATING: 0														
CKT NO	OCP AMP	POLE	LOAD (kVA)			PHASE LOAD			LOAD (kVA)			OCP AMP	CKT NO	
			LTG	PWR	CO	A	B	C	CO	PWR	LTG			POLE
1	20	1	0.0	0.0	0.7							1	20	2
3	20	1	0.0	0.0	0.7							1	20	4
5	20	1	0.0	0.3	0.2							1	20	6
7	20	1	0.0	0.0	0.7							1	20	8
9	20	1	0.0	0.0	0.7							1	20	10
11	20	1	0.0	0.3	0.2							1	20	12
13	20	1	0.0	0.0	0.7							1	20	14
15	20	1	0.0	0.0	0.7							1	20	16
17	20	1	0.0	0.3	0.2							1	20	18
19	20	1	0.0	0.0	1.3							1	20	20
21	20	1	--	--	--							1	20	22
23	20	1	0.0	0.3	0.2							1	20	24
25	20	1	0.0	0.1	0.5							1	20	26
27	20	1	0.0	0.8	0.0							1	20	28
29	20	1	0.0	0.8	0.0							1	20	30
31	20	1	0.0	1.2	0.0							1	20	32
33	20	1	0.0	1.0	0.0							1	20	34
35	20	1	0.0	1.2	0.0							1	20	36
37	20	1	0.0	0.8	0.0							1	20	38
39	20	1	0.0	0.2	1.3							1	20	40
41	20	1	0.0	0.5	0.0							1	20	42
TOTALS:						CONNECTED kVA PER PHASE		12	13	14	CONNECTED TOTAL kVA = 38			
						CONNECTED AMPS PER PHASE		100	109	115	AVERAGE CONNECTED AMPS PER PHASE = 107			
NEC DIVERSIFIED LOAD CALCULATIONS														
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL kVA = 36														
RECEPTACLES: 16.4 kVA @ 81% = 13.2 kVA - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 101														
ALL OTHER LOADS @ 100% : 23.2 kVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC														

EXISTING PANEL: "T16AA"

VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		LOCATION:		CABINET:		NOTES:				
480/277 V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		225 AMPERE MAIN LUGS				SURFACE						
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR														
AIC RATING: 0														
CKT NO	OCP AMP	POLE	LOAD (kVA)			PHASE LOAD			LOAD (kVA)			OCP AMP	CKT NO	
			LTG	PWR	CO	A	B	C	CO	PWR	LTG			POLE
1	20	1	2.6	0.0	0.0							1	20	2
3	20	1	1.8	0.0	0.0							1	20	4
5	20	1	--	--	--							1	20	6
7	20	1	--	--	--							1	20	8
9	20	1	--	--	--							1	20	10
11	20	1	--	--	--							1	20	12
13	20	1	--	--	--							1	20	14
15	20	1	--	--	--							1	20	16
17	20	1	--	--	--							1	20	18
19	20	1	--	--	--							1	20	20
21	20	1	--	--	--							1	20	22
23	20	1	--	--	--							1	20	24
25	20	1	--	--	--							1	20	26
27	20	1	--	--	--							1	20	28
29	20	1	--	--	--							1	20	30
31	20	1	--	--	--							1	20	32
33	20	1	--	--	--							1	20	34
35	20	1	--	--	--							1	20	36
37	40	1	0.0	6.0	0.0							1	20	38
39	40	1	0.0	6.0	0.0							1	20	40
41	40	1	0.0	6.0	0.0							1	20	42
TOTALS:						CONNECTED kVA PER PHASE		10	9	7	CONNECTED TOTAL kVA = 26			
						CONNECTED AMPS PER PHASE		38	33	24	AVERAGE CONNECTED AMPS PER PHASE = 31			
NEC DIVERSIFIED LOAD CALCULATIONS														
LIGHTING & CONTINUOUS LOADS: 7.9 kVA @ 125% = 9.9 kVA - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL kVA = 29														
RECEPTACLES: 12.6 kVA @ 90% = 11.3 kVA - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 35														
ALL OTHER LOADS @ 100% : 19.5 kVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC														

EXISTING PANEL: "T16C"

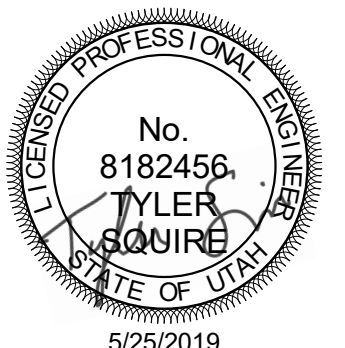
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		LOCATION:		CABINET:		NOTES:				
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		100 AMPERE MAIN LUGS				SURFACE						
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR														
AIC RATING: 0														
CKT NO	OCP AMP	POLE	LOAD (kVA)			PHASE LOAD			LOAD (kVA)			OCP AMP	CKT NO	
			LTG	PWR	CO	A	B	C	CO	PWR	LTG			POLE
1	20	1	0.0	0.5	0.0							1	20	2
3	20	3	0.0	1.6	0.0							1	20	4
5	--	--	--	--	--							1	20	6
7	--	--	--	--	--							1	20	8
9	20	1	0.0	0.0	0.4							1	20	10
11	20	1	0.0	0.0	0.4							1	20	12
13	20	1	0.0	0.0	0.4							1	20	14
15	20	1	0.0	0.0	0.4							1	20	16
17	20	1	0.0	0.0	0.4							1	20	18
19	20	1	0.0	0.0	0.4							1	20	20
21	20	1	--	--	--							1	20	22
23	20	1	--	--	--							1	20	24
25	20	1	--	--	--							1	20	26
27	20	1	--	--	--							1	20	28
29	20	1	--	--	--							1	20	30
31	20	1	--	--	--							1	20	32
33	20	1	--	--	--							1	20	34
35	20	1	--	--	--							1	20	36
37	20	1	--	--	--							1	20	38
39	20	1	--	--	--							1	20	40
41	20	1	--	--	--							1	20	42
TOTALS:						CONNECTED kVA PER PHASE		6	5	5	CONNECTED TOTAL kVA = 16			
						CONNECTED AMPS PER PHASE		50	44	40	AVERAGE CONNECTED AMPS PER PHASE = 44			
NEC DIVERSIFIED LOAD CALCULATIONS														
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL kVA = 16														
RECEPTACLES: 5.0 kVA @ 100% = 5.0 kVA - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 44														
ALL OTHER LOADS @ 100% : 10.8 kVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC														

EXISTING PANEL: "T16A"

VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		LOCATION:		CABINET:		NOTES:				
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		225 AMPERE MAIN LUGS				SURFACE						
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR														
AIC RATING: 0														
CKT NO	OCP AMP	POLE	LOAD (kVA)			PHASE LOAD			LOAD (kVA)			OCP AMP	CKT NO	
			LTG	PWR	CO	A	B	C	CO	PWR	LTG			POLE
1	20	1	0.0	0.8	0.0							1	20	2
3	20	3	0.0	1.6	0.0							1	20	4
5	--	--	--	--	--							1	20	6
7	--	--	--	--	--							1	20	8
9	20	1	0.0	0.8	0.0							1	20	10
11	20	3	0.0	1.9	0.0							1	20	12
13	--	--	--	--	--							1	20	14
15	--	--	--	--	--							1	20	16
17	20	1	0.0	0.8	0.0							1	20	18
19	20	3	0.0	2.2	0.0							1	20	20
21	--	--	--	--	--							1	20	22
23	--	--	--	--	--							1	20	24
25	20	1	0.0	0.8	0.0							1	20	26
27	20	3	0.0	2.4	0.0							1	20	28
29	--	--	--	--	--							1	20	30
31	--	--	--	--	--							1	20	32
33	20	1	0.0	0.3	0.7							1	20	34
35	20	1	0.0	0.7	0.0							1	20	36
37	20	1	0.0	0.0	0.9							1	20	38
39	20	1	0.0	0.0	0.7							1	20	40
41	20	1	0.0	0.0	0.2							1	20	42
TOTALS:						CONNECTED kVA PER PHASE		13	17	12	CONNECTED TOTAL kVA = 44			
						CONNECTED AMPS PER PHASE		132	143	99	AVERAGE CONNECTED AMPS PER PHASE = 122			
NEC DIVERSIFIED LOAD CALCULATIONS														
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL kVA = 42														
RECEPTACLES: 12.6 kVA @ 90% = 11.3 kVA - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 118														
ALL OTHER LOADS @ 100% : 31.2 kVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC														



703 east 1700 south
salt lake city, utah 84105
www.ajcarchitects.com



ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 IT**

36 S STATE ST, SLC UT 84111
AHJ STAMP

SHEET NAME:
PANEL SCHEDULES

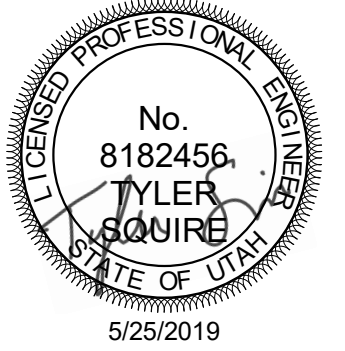
REVISIONS	MARK	DATE	DESCRIPTION
1		6/4/19	ADD #01

ISSUE DATE: 5/25/2019
ISSUE TYPE: PERMIT
DRAWN BY: DBS
CHECKED BY: TDS
PROJECT#: 1904.01

SHEET NUMBER:

EP602

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ARCHITECT / CONSULTANT



PROJECT DESCRIPTION
**KEY BANK TOWER
LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111
AHJ STAMP

SHEET NAME:
PANEL SCHEDULES

REVISIONS
MARK DATE DESCRIPTION

ISSUE DATE: 5/25/2019
ISSUE TYPE: PERMIT
DRAWN BY: SAM
CHECKED BY: TDS
PROJECT#: 1904.01

SHEET NUMBER:

EP603

EXISTING PANEL: "T10A"																
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:			MAIN SIZE AND TYPE:			LOCATION:			CABINET:		NOTES:			
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON			225 AMPERE MAIN LUGS			ELEC. EX			SURFACE					
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR AIC RATING: 0																
CKT NO	AMP	POLE	LOAD (KVA)	PHASE LOAD			DESCRIPTION			LOAD (KVA)			POLE	AMP	CKT NO	
1	20	1	0.0 0.5 0.0	CO	PWR	LTG	CO	PWR	LTG	CO	PWR	LTG	POLE	AMP	NO	
1	20	1	0.0 0.5 0.0	PWR: WORKSTATIONS 1020	0.5	1.0				CO: WORKSTATIONS 1020	0.7	0.3	0.0	1	20	
3	20	3	0.0 1.9 0.0	PWR: WORKSTATIONS 1020		0.6	0.6			PWR: WORKSTATIONS 1020...	0.0	0.6	0.0	1	20	
5	--	--	--	--	--	--	--	--	--	PWR: WORKSTATIONS 1020...	0.0	0.6	0.0	1	20	
7	--	--	--	--	--	--	--	--	--	PWR: BREAK ROOM 1016 ICE...	0.0	0.8	0.0	1	20	
9	20	1	0.0 0.8 0.0	PWR: WORKSTATIONS 1020		0.8	1.0			PWR: BREAK ROOM 1016 DISPOSAL	0.0	1.2	0.0	1	20	
11	20	3	0.0 1.6 0.0	PWR: WORKSTATIONS 1020		0.5	1.2			PWR: BREAK ROOM 1016 MICROWAVE	0.0	1.2	0.0	1	20	
13	--	--	--	--	--	--	--	--	--	PWR: BREAK ROOM 1016 MICROWAVE	0.0	1.2	0.0	1	20	
15	--	--	--	--	--	--	--	--	--	CO: BREAK ROOM 1016	0.5	0.1	0.0	1	20	
17	20	1	0.0 0.8 0.0	PWR: WORKSTATIONS 1020		0.8	1.0			CO: BREAK ROOM 1016	0.4	0.0	0.0	1	20	
19	20	3	0.0 1.6 0.0	PWR: WORKSTATIONS 1020		0.5	0.4			CO: WORKSTATIONS 1020	0.4	0.0	0.0	1	20	
21	--	--	--	--	--	--	--	--	--	PWR: COPY ROOM 1017 COPIER	0.0	1.0	0.0	1	20	
23	--	--	--	--	--	--	--	--	--	CO: COPY ROOM 1017	0.9	0.0	0.0	1	20	
25	20	1	0.0 0.6 0.0	PWR: TELEPRESENCE 1001...		0.6	1.0			CO: OFFICE 1018	0.7	0.3	0.0	1	20	
27	20	1	0.0 0.6 0.5	CO: TELEPRESENCE 1001		1.1	1.0			CO: OFFICE 1019	0.7	0.3	0.0	1	20	
29	20	1	0.0 0.3 0.4	CO: OFFICE 1004		0.7	0.9			CO: WORKSTATIONS 1020...	0.9	0.0	0.0	1	20	
31	20	1	0.0 0.3 0.7	CO: OFFICE 1005		1.0	0.6			PWR: WORKSTATIONS 1020...	0.0	0.6	0.0	1	20	
33	20	1	0.0 0.6 0.0	PWR: LOBBY 1000 MONITORS		0.6	0.6			PWR: WORKSTATIONS 1020...	0.0	0.6	0.0	1	20	
35	20	1	0.0 0.3 0.9	CO: OFFICE 1003						CO: WORKSTATIONS 1020	0.5	0.3	0.0	1	20	
37	20	1	0.0 0.6 0.5	CO: OFFICE 1002		1.1	1.1			CO: WORKSTATIONS 1020	0.5	0.6	0.0	1	20	
39	20	1	0.0 0.0 0.4	CO: LOBBY 1000		0.4	0.7			PWR: LOBBY 1000 DRINKING...	0.0	0.7	0.0	1	20	
41	20	1	--	--	--	--	--	--	--	PWR: LOBBY 1000 MONITORS	0.0	0.6	0.0	1	20	
TOTALS:				CONNECTED KVA PER PHASE			12	14	10	CONNECTED TOTAL KVA = 36						
				CONNECTED AMPS PER PHASE			96	86	82	AVERAGE CONNECTED AMPS PER PHASE = 88						
NEC DIVERSIFIED LOAD CALCULATIONS																
LIGHTING & CONTINUOUS LOADS: 0.0 kVA @ Not Computed ... - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 32																
RECEPTACLES: 9.0 kVA @ 100% = 9.0 kVA - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 88																
ALL OTHER LOADS @ 100%: 22.7 kVA MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																

EXISTING PANEL: "T10C"																
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:			MAIN SIZE AND TYPE:			LOCATION:			CABINET:		NOTES:			
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON			100 AMPERE MAIN LUGS			ELEC. EX			SURFACE					
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR AIC RATING: 0																
CKT NO	AMP	POLE	LOAD (KVA)	PHASE LOAD			DESCRIPTION			LOAD (KVA)			POLE	AMP	CKT NO	
1	20	1	0.0 0.5 0.0	CO	PWR	LTG	CO	PWR	LTG	CO	PWR	LTG	POLE	AMP	NO	
1	20	1	0.0 0.5 0.0	PWR: WORKSTATIONS 1020	0.5	0.0				SPARE	--	--	--	1	20	
3	20	3	0.0 1.6 0.0	PWR: WORKSTATIONS 1020		0.5	0.0			SPARE	--	--	--	1	20	
5	--	--	--	--	--	--	--	--	--	SPARE	--	--	--	1	20	
7	--	--	--	--	--	--	--	--	--	SPARE	--	--	--	1	20	
9	20	2	0.0 4.2 0.0	PWR: IT CLOSET 1007		2.1	0.0			SPARE	--	--	--	1	20	
11	--	--	--	--	--	--	--	--	--	SPARE	--	--	--	1	20	
13	20	2	0.0 10.0 0.0	PWR: IT CLOSET 1007		5.0	0.0			SPARE	--	--	--	1	20	
15	--	--	--	--	--	--	--	--	--	SPARE	--	--	--	1	20	
17	20	2	0.0 4.2 0.0	PWR: IT CLOSET 1007		2.1	2.3			PWR: AC-2/CU-2	0.0	4.6	0.0	2	30	
19	--	--	--	--	--	--	--	--	--	SPARE	--	--	--	1	20	
TOTALS:				CONNECTED KVA PER PHASE			10	8	7	CONNECTED TOTAL KVA = 25						
				CONNECTED AMPS PER PHASE			88	64	58	AVERAGE CONNECTED AMPS PER PHASE = 70						
NEC DIVERSIFIED LOAD CALCULATIONS																
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 26																
RECEPTACLES: - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 73																
ALL OTHER LOADS @ 100%: 26.2 kVA MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																

EXISTING PANEL: "T10B"																
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:			MAIN SIZE AND TYPE:			LOCATION:			CABINET:		NOTES:			
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON			225 AMPERE MAIN LUGS			ELEC. EX			SURFACE					
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR AIC RATING: 0																
CKT NO	AMP	POLE	LOAD (KVA)	PHASE LOAD			DESCRIPTION			LOAD (KVA)			POLE	AMP	CKT NO	
1	20	1	0.0 0.8 0.0	CO	PWR	LTG	CO	PWR	LTG	CO	PWR	LTG	POLE	AMP	NO	
1	20	1	0.0 0.8 0.0	PWR: WORKSTATIONS 1020	0.8	0.8				PWR: BREAK ROOM 1016...	0.0	0.8	0.0	1	20	
3	20	3	0.0 1.6 0.0	PWR: WORKSTATIONS 1020		0.5	0.8			PWR: BREAK ROOM 1016...	0.0	0.8	0.0	1	20	
5	--	--	--	--	--	--	--	--	--	PWR: BREAK ROOM 1016 ICE...	0.0	0.8	0.0	1	20	
7	--	--	--	--	--	--	--	--	--	PWR: BREAK ROOM 1016 DISPOSAL	0.0	1.2	0.0	1	20	
9	20	1	0.0 0.8 0.0	PWR: WORKSTATIONS 1020		0.8	1.0			PWR: BREAK ROOM 1016...	0.0	1.0	0.0	1	20	
11	20	3	0.0 1.6 0.0	PWR: WORKSTATIONS 1020		0.5	1.2			PWR: BREAK ROOM 1016 MICROWAVE	0.0	1.2	0.0	1	20	
13	--	--	--	--	--	--	--	--	--	PWR: BREAK ROOM 1016 MICROWAVE	0.0	1.2	0.0	1	20	
15	--	--	--	--	--	--	--	--	--	CO: BREAK ROOM 1016	0.5	0.1	0.0	1	20	
17	20	1	0.0 0.8 0.0	PWR: WORKSTATIONS 1020		0.8	0.4			CO: BREAK ROOM 1016	0.4	0.0	0.0	1	20	
19	20	3	0.0 1.6 0.0	PWR: WORKSTATIONS 1020		0.5	0.4			CO: WORKSTATIONS 1020	0.4	0.0	0.0	1	20	
21	--	--	--	--	--	--	--	--	--	PWR: COPY ROOM 1017 COPIER	0.0	1.0	0.0	1	20	
23	--	--	--	--	--	--	--	--	--	CO: COPY ROOM 1017	0.9	0.0	0.0	1	20	
25	20	1	0.0 0.6 0.0	PWR: TELEPRESENCE 1001...		0.6	1.0			CO: OFFICE 1018	0.7	0.3	0.0	1	20	
27	20	1	0.0 0.6 0.5	CO: TELEPRESENCE 1001		1.1	1.0			CO: OFFICE 1019	0.7	0.3	0.0	1	20	
29	20	1	0.0 0.3 0.4	CO: OFFICE 1004		0.7	0.9			CO: WORKSTATIONS 1020...	0.9	0.0	0.0	1	20	
31	20	1	0.0 0.3 0.7	CO: OFFICE 1005		1.0	0.6			PWR: WORKSTATIONS 1020...	0.0	0.6	0.0	1	20	
33	20	1	0.0 0.6 0.0	PWR: LOBBY 1000 MONITORS		0.6	0.6			PWR: WORKSTATIONS 1020...	0.0	0.6	0.0	1	20	
35	20	1	0.0 0.3 0.9	CO: OFFICE 1003						CO: WORKSTATIONS 1020	0.5	0.3	0.0	1	20	
37	20	1	0.0 0.6 0.5	CO: OFFICE 1002		1.1	1.1			CO: WORKSTATIONS 1020	0.5	0.6	0.0	1	20	
39	20	1	0.0 0.0 0.4	CO: LOBBY 1000		0.4	0.7			PWR: LOBBY 1000 DRINKING...	0.0	0.7	0.0	1	20	
41	20	1	--	--	--	--	--	--	--	PWR: LOBBY 1000 MONITORS	0.0	0.6	0.0	1	20	
TOTALS:				CONNECTED KVA PER PHASE			12	10	10	CONNECTED TOTAL KVA = 32						
				CONNECTED AMPS PER PHASE			96	86	82	AVERAGE CONNECTED AMPS PER PHASE = 88						
NEC DIVERSIFIED LOAD CALCULATIONS																
LIGHTING & CONTINUOUS LOADS: 0.0 kVA @ Not Computed ... - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 32																
RECEPTACLES: 9.0 kVA @ 100% = 9.0 kVA - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 88																
ALL OTHER LOADS @ 100%: 22.7 kVA MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																

EXISTING PANEL: "T10L"																
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:			MAIN SIZE AND TYPE:			LOCATION:			CABINET:		NOTES:			
480/277 V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON			225 AMPERE MAIN LUGS			ELEC. EX			SURFACE					
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR AIC RATING: 0																
CKT NO	AMP	POLE	LOAD (KVA)	PHASE LOAD			DESCRIPTION			LOAD (KVA)			POLE	AMP	CKT NO	
1	20	1	2.8 0.0 0.0	LTG	OFFICES	2.8	0.5			LTG: R10-1	0.0	0.0	0.5	1	20	
3	20	1	--	--	--	--	--	--	--	LTG: R10-2	0.0	0.0	0.7	1	20	
5	20	1	--	--	--	--	--	--	--	LTG: R10-3	0.0	0.0	1.2	1	20	
7	20	1	--	--	--	--	--	--	--	LTG: R10-4	0.0	0.0	0.8	1	20	
9	20	1	--	--	--	--	--	--	--	LTG: R10-5	0.0	0.0	0.7	1	20	
11	20	1	--	--	--	--	--	--	--	LTG: R10-6	0.0	0.0	0.4	1	20	
13	20	1	--	--	--	--	--	--	--	LTG: R10-7	0.0	0.0	0.4	1	20	
15	20	1	--													

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SHEET KEYNOTES	
1	WALL MOUNT LED STRIPLIGHTS IN THE IT ROOM. COORDINATE MOUNTING LOCATION WITH THE IT INSTALLERS.
2	CONNECT TO EXISTING EMERGENCY CIRCUIT PREVIOUSLY FEEDING EMERGENCY LIGHTING ON THIS FLOOR.
3	PROVIDE NEW RECESSED RELAY PANEL MOUNTED ON REAR WALL OF ELECTRICAL ROOM.

GENERAL SHEET NOTES	
1	CIRCUIT ALL EXIT SIGNS TO AN UNSWITCHED LEG OF THE EMERGENCY CIRCUIT INDICATED.
2	PROVIDE FULL-RANGE DIMMING AND DIMMING SWITCHES OF ALL FIXTURES IN THE PROJECT. PROVIDE AUTOMATIC DIMMING OF ALL FIXTURES LOCATED IN THE DAYLIGHT ZONES IN RESPONSE TO THE PHOTOCELLS LOCATED ALONG THE SAME FACADE.
3	THE EXISTING CORE WALLS AND SHAFTS ARE FIRE RATED. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4	REFER TO THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL ON SHEET EE702 FOR ADDITIONAL REQUIREMENTS REGARDING DEVICE LOCATIONS.



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TYLER SQUIRE
STATE OF UTAH
5/25/2019

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PROJECT DESCRIPTION
**KEY BANK TOWER
 LEVEL 10 AND 16 TI**

36 S STATE ST, SLC UT 84111
 AHJ STAMP

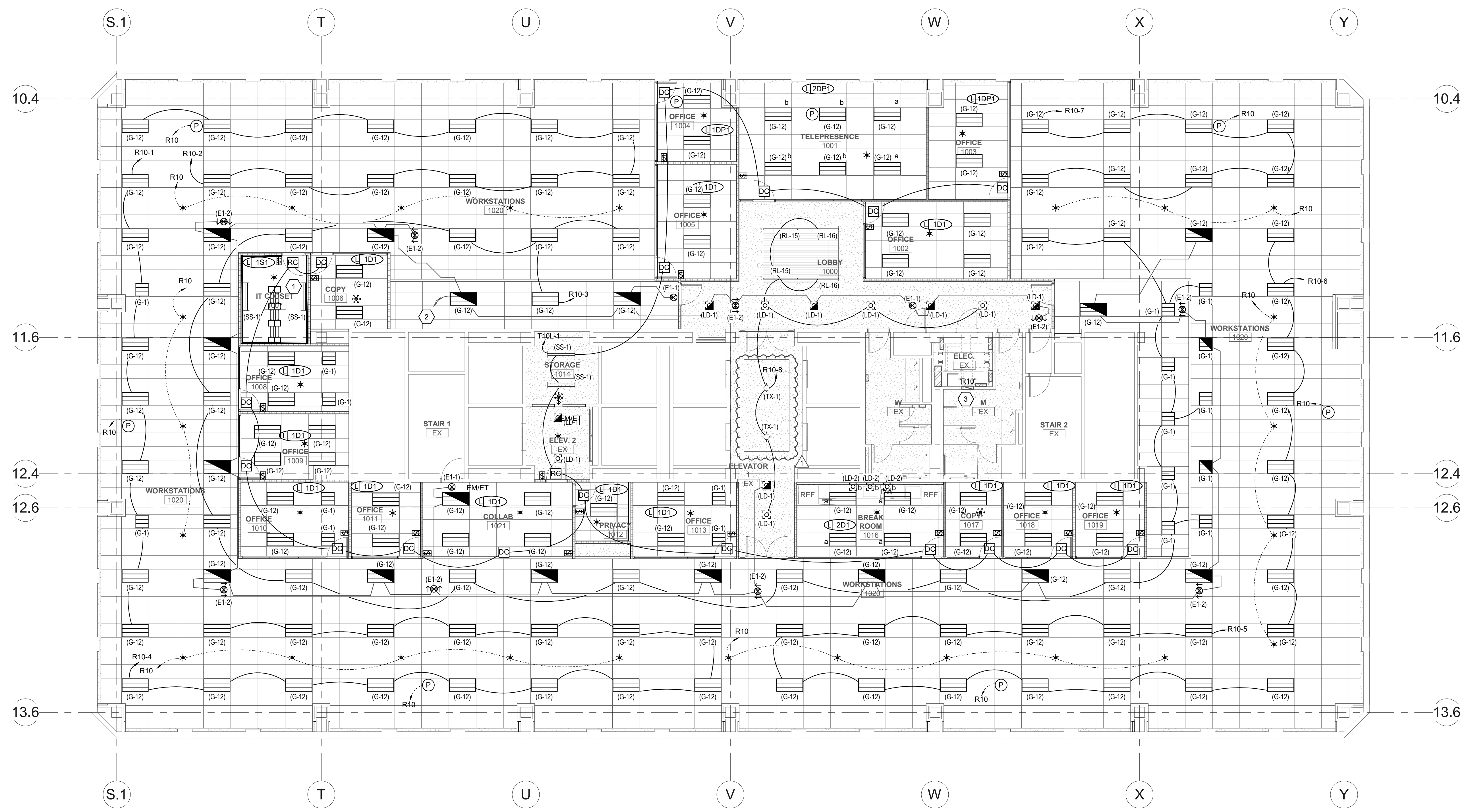
SHEET NAME:
LEVEL 10 LIGHTING PLAN

REVISIONS		
MARK	DATE	DESCRIPTION
1	6/4/19	ADD #01

ISSUE DATE: 5/25/2019
 ISSUE TYPE: PERMIT
 DRAWN BY: DBS
 CHECKED BY: TDS
 PROJECT#: 1904.01

SHEET NUMBER:

EL110

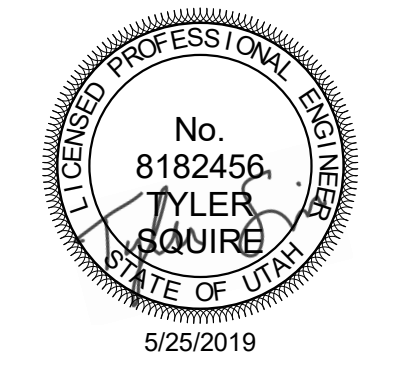


A1 LEVEL 10 LIGHTING PLAN
 SCALE: 1/8" = 1'-0"

E:\Autodesk\2019\20191018 Elec Central.tds_spectrum-engineers.com.rvt
 ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THE DRAWING ARE OWNED BY AND THE PROPERTY OF A/C ARCHITECTS PC AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN CONSENT OF A/C ARCHITECTS PC. UNAUTHORIZED REPRODUCTION OR DISSEMINATION OF THESE DRAWINGS IS A CRIMINAL OFFENSE UNDER U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET.

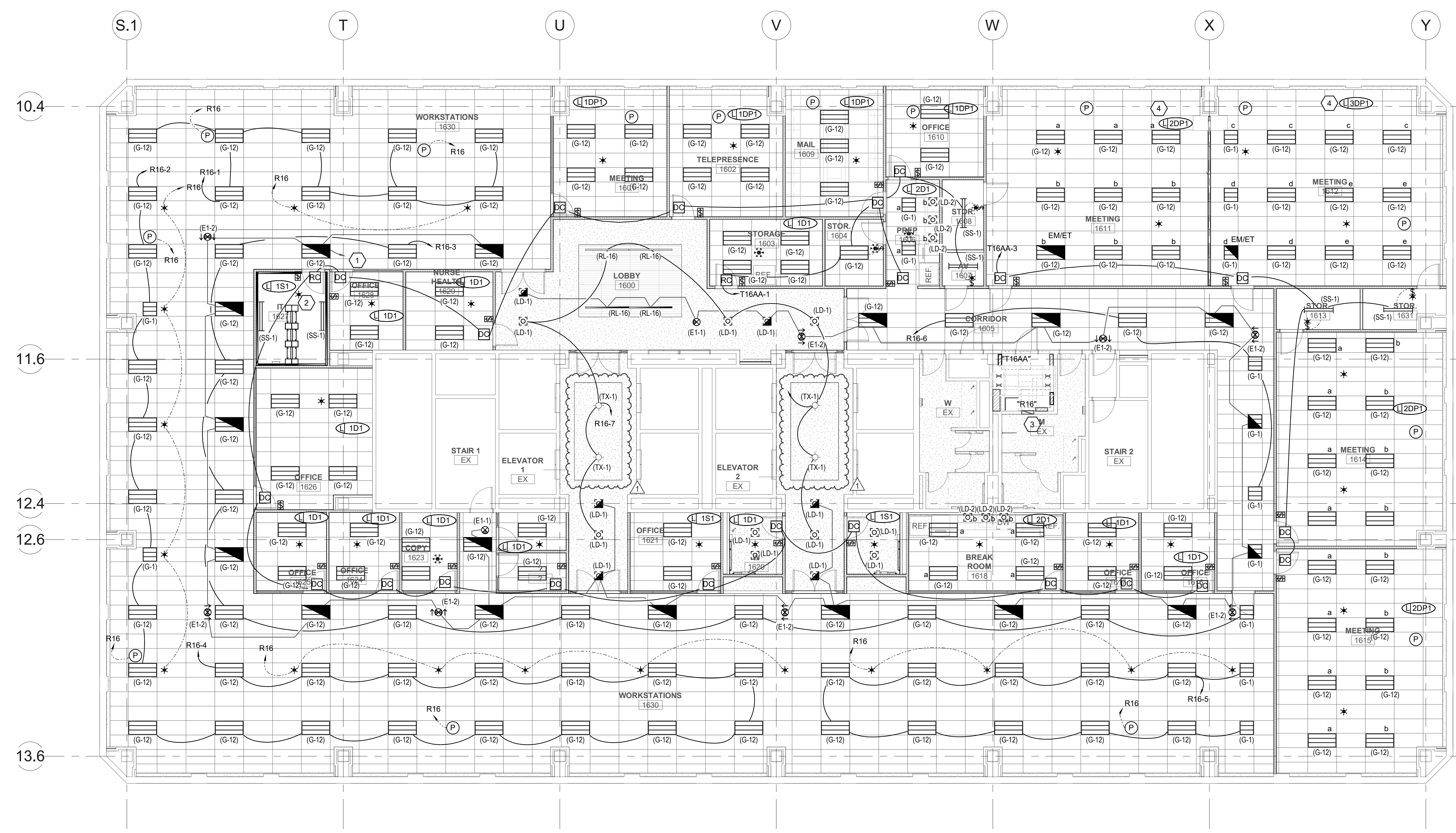
- ### SHEET KEYNOTES
- CONNECT TO EXISTING EMERGENCY CIRCUIT PREVIOUSLY FEEDING EMERGENCY LIGHTING ON THIS FLOOR.
 - WALL MOUNT LED STRIPLIGHTS IN THE IT ROOM. COORDINATE MOUNTING LOCATION WITH THE IT INSTALLERS.
 - PROVIDE NEW RECESSED RELAY PANEL MOUNTED ON REAR WALL OF ELECTRICAL ROOM.
 - PROVIDE MULTI-ZONE DIMMING CONTROLLER SUCH THAT WHEN THE PARTITION IS CLOSED THE ROOMS FUNCTION INDEPENDENTLY AND WHEN THE PARTITION IS OPENED THE ROOMS FUNCTION AS A SINGLE SYSTEM. PROVIDE PARTITION SENSORS AS REQUIRED.

- ### GENERAL SHEET NOTES
- CIRCUIT ALL EXIT SIGNS TO AN UNSWITCHED LEG OF THE EMERGENCY CIRCUIT INDICATED.
 - PROVIDE FULL-RANGE DIMMING AND DIMMING SWITCHES OF ALL FIXTURES IN THE PROJECT. PROVIDE AUTOMATIC DIMMING OF ALL FIXTURES LOCATED IN THE DAYLIGHT ZONES IN RESPONSE TO THE PHOTOCELLS LOCATED ALONG THE SAME FACADE.
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PROJECT DESCRIPTION
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36 S STATE ST, SLC UT 84111
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SHEET NAME:
**LEVEL 16 LIGHTING
 PLAN**

REVISIONS

MARK	DATE	DESCRIPTION
1	6/4/19	ADD #01

ISSUE DATE: 5/25/2019
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 CHECKED BY: TDS
 PROJECT#: 1904.01

SHEET NUMBER:

A1 LEVEL 16 LIGHTING PLAN
 SCALE: 1/8" = 1'-0"

EL116