210 Martin Luther King Jr. Blvd. Madison, WI 53703

12/22/2022

PLAN REVIEW

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LEVEL 01 - NORTH LEVEL 05 - NORTH

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53202

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PLUMBING + FIRE PROTECTION ENGINEER: JDR ENGINEERING

5525 NOBEL DRIVE, SUITE 110 MADISON, WI 53711 TEL. (608) 277-1728

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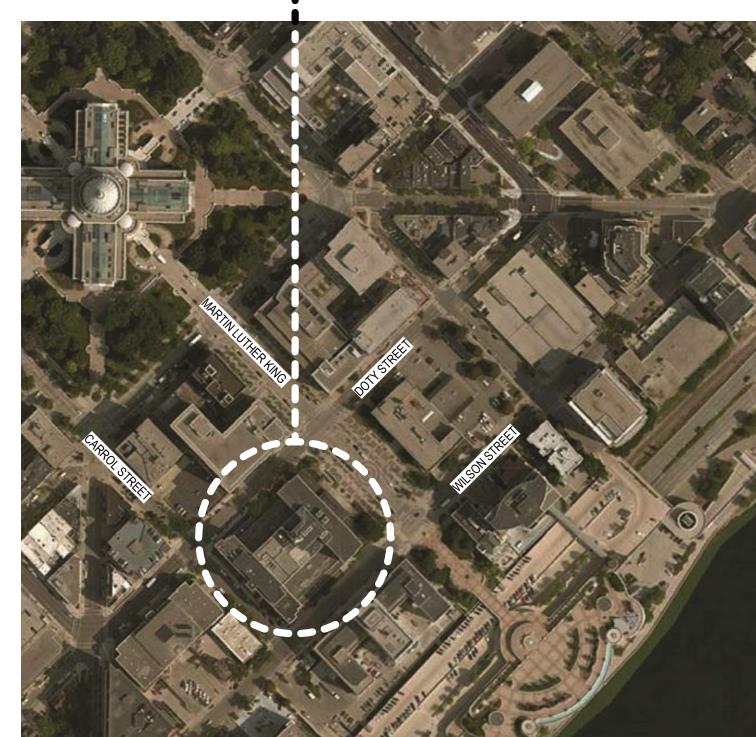
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CITY COUNTY BUILDING



CAMPUS LOCATOR MAP NO SCALE



Programming Campus + Master Planning Interior Design Sustainable Design Historic Preservation/ Renovation Project Management



PLAN REVIEW TS000 SHEET NUMBER

DR	RAWING SYMBOLS KEY
XXXX	INTERIOR ELEVATION REFERENCE REFER TO SHEET NUMBER INDICATED INSIDE OF SYMBOL
XXX	DETAIL REFERENCE REFER TO SHEET NUMBER INDICATED IN BOTTOM OF SYMBOL
XXXX	SECTION REFERENCE REFER TO SHEET NUMBER INDICATED IN BOTTOM OF SYMBOL
ROOM NAME	ROOM NAME/NUMBER REFERENCE REFER TO ROOM FINISH SCHEDULE
	DOOR REFERENCE REFER TO DOOR SCHEDULE
X	INTERIOR PARTITION TYPE REFERENCE REFER TO INTERIOR PARTITION TYPES
	ELEVATION REFERENCE
X	COLUMN GRID REFERENCE
$\langle x \rangle$	NEW WORK KEY NOTE REFERENCE REFER TO NEW WORK KEY NOTES
X	DEMOLITION KEY NOTE REFERENCE REFER TO DEMOLITION KEY NOTES
X	WINDOW TYPE REFERENCE REFER TO WINDOW TYPE ELEVATIONS
X	SPECIALTY EQUIPMENT TAG
x	REVISION REFERENCE REFER TO TITLE BLOCK
X' - XX" XXXX	CEILING HEIGHT REFERENCE

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BOC BOTTOM OF HP						
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FR FRAME P+S CLOSET POLE AND SHELF FRP FIBERGLASS REINFORCED POLYESTER PT PAINT						
FRP FIBERGLASS REINFORCED POLYESTER PT PAINT	FLR	FLOOR	PRT	PARTITION		
FRP FIBERGLASS REINFORCED POLYESTER PT PAINT	FR	FRAME	P+S	CLOSET POLE AND SHELF		
			1	· ····		
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SOURCE: ANSI A117.1 - 2003

LIGHT SWITCHES, ELECTRICAL OUTLETS, AND OTHER ENVIRONMENTAL CONTROLS SHALL BE MOUNTED NO HIGHER THAN 4'-0" U.N.O. & NO LOWER THAN 1'-3" ABOVE FINISHED FLOOR. IF THE CONTROL IS MOUNTED ABOVE A COUNTER OR OTHER OBSTRUCTION, WHICH IS BETWEEN 20"-25" IN

DEPTH, THEN THE MAXIMUM MOUNTING HEIGHT SHALL BE LOWERED TO 3'-8" AFF. LIGHT SWITCHES AND THERMOSTATS IN THE SAME LOCATION

ARE TO ALIGN HORIZONTALLY. IF SWITCHES ARE UNABLE TO BE ALIGNED, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH WORK. SEE ELECTRICAL DRAWINGS FOR SPECIFIC MOUNTING HEIGHT INFORMATION. SEE GENERAL ADA REACH RANGES

PROVIDE SOLID WOOD BLOCKING OR METAL STRAPPING IN WALLS FOR INSTALLATION OF ACCESSORIES.

ALL ACCESSORIES SHOWN ON THIS DRAWING ARE NOT NECESSARILY PROVIDED IN THE PROJECT.

GENERAL INFORMATION NOTES TO CONTRACTOR

- THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW THE INTENT OF THE PROJECT, BUT DO NOT NECESSARILY INDICATE ALL MATERIALS OR METHODS OF CONSTRUCTION. ALL CONTRACTORS ARE RESPONSIBLE TO REVIEW THE DOCUMENTS THOROUGHLY, AND FOR PROVIDING ALL MATERIALS AND MEANS OF CONSTRUCTION NECESSARY FOR THE COMPLETION OF THE WORK IN ACCORDANCE WITH THE INTENT OF THE DRAWINGS.
- ALL WORK OF ALL TRADES, SHALL BE COMPLETED IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES AND
- CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE OWNER, THE OWNER'S OTHER CONTRACTORS, AND ALL OTHERS AT THE SITE.
- CONTRACTOR IS TO OBTAIN AND PAY FOR PERMITS, LICENSES, FEES, ETC. AS REQUIRED FOR THE COMPLETION OF THEIR PORTION OF WORK. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE TO SATISFY THEIR EXECUTION OF
- THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO PROCEEDING. NEITHER THE OWNER NOR THE ARCHITECT ASSUMES RESPONSIBILITY FOR CONDITIONS OR DIMENSIONS SHOWN AS EXISTING. IF ANY CONTRACTOR OBSERVES THAT ANY OF THE CONTRACT DOCUMENTS ARE AT VARIANCE WITH APPLICABLE LAWS, STATUTES, BUILDING CODES, OR ORDINANCES, THEY SHALL PROMPTLY NOTIFY THE ARCHITECT.

T 414.220.9640

751 North

Suite 200

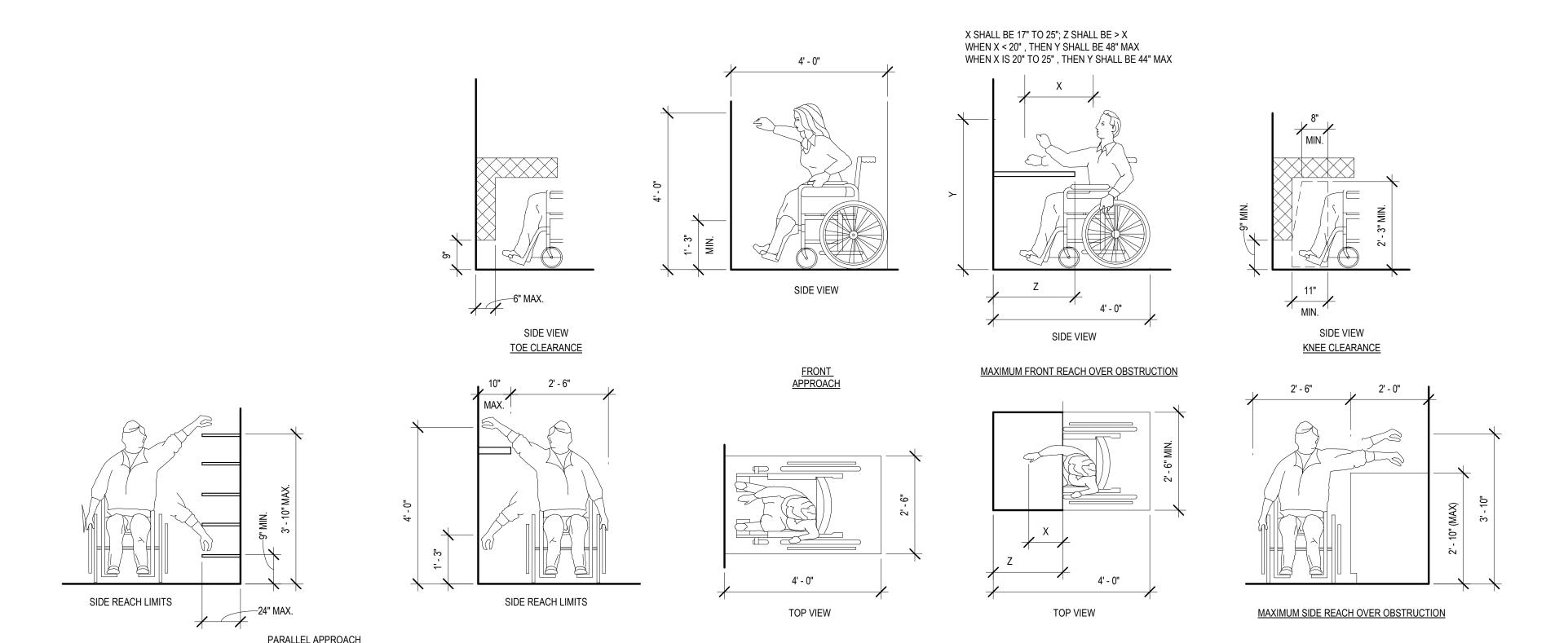
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CONSULTANTS:

Jefferson St,

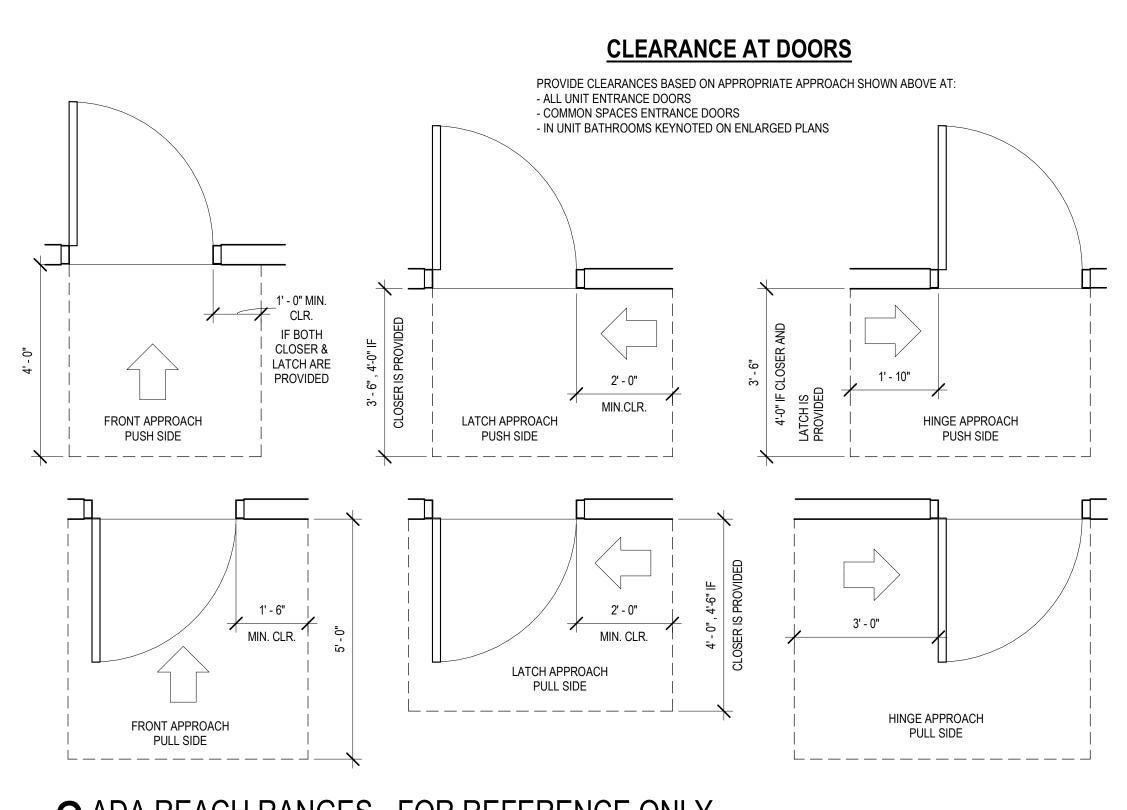
Milwaukee, WI

- ALL HOLES FOR PLUMBING, ELECTRICAL, HVAC, FIRE PROTECTION CONDUIT, PIPING, OR DUCTWORK ARE TO BE REPAIRED BY THE ASSOCIATED TRADE.
- ALL TRADES SHALL TAKE CARE TO MAKE HOLES ONLY AS LARGE AS NECESSARY. DO NOT PUNCH OR POUND HOLES IN WALL, FLOOR, OR ROOF DECK.
- ANY HOLES OR PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE APPROPRIATELY FIRE STOPPED, DAMPENED, OR SEALED AS REQUIRED BY CODE. CONTRACTOR SHALL INCLUDE THE NECESSARY DEMOLITION, REMOVAL, AND CUTTING/PATCHING OF ALL
- MATERIAL AS REQUIRED TO PERFORM THEIR WORK. REMOVAL OF ALL HAZARDOUS CONTAINING MATERIALS IS THE SOLE RESPONSIBILITY OF THE OWNER. SHOULD ANY MATERIALS BE ENCOUNTERED DURING ANY OF THE CONSTRUCTION PHASES CONTAINING, OR SUSPECTED TO BE HAZARDOUS: CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY OWNER AND ARCHITECT.
- DO NOT SCALE DRAWINGS. CONTRACTOR SHALL PATCH, LEVEL, AND PREPARE ALL WALLS AND FLOORS AS SCHEDULED TO RECEIVE NEW

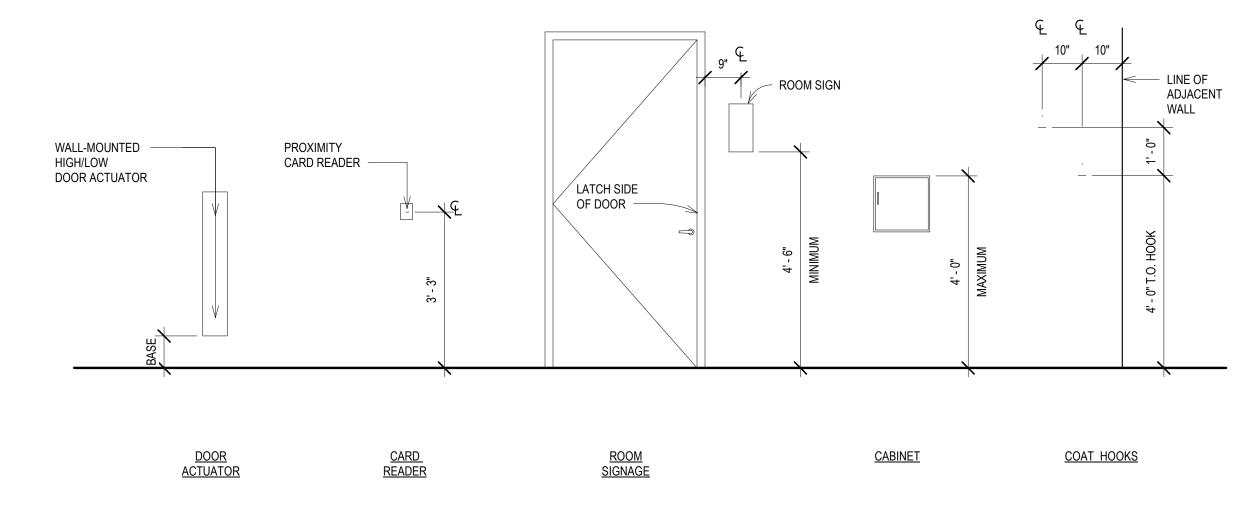


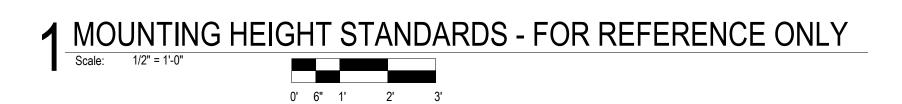
GENERAL NOTES:

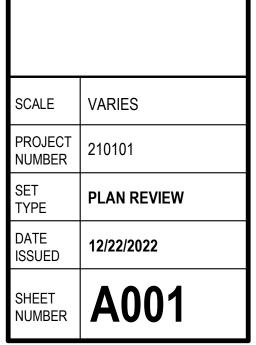
DIAGRAM FOR MORE INFORMATION.





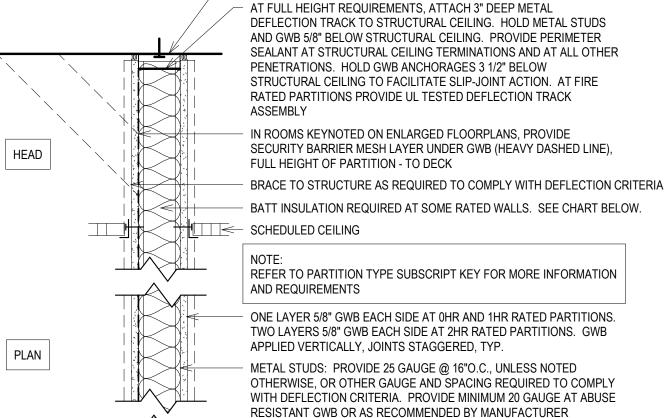






REVISIONS:





ROOM TO RECEIVE

SECURITY BARRIER MESH

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

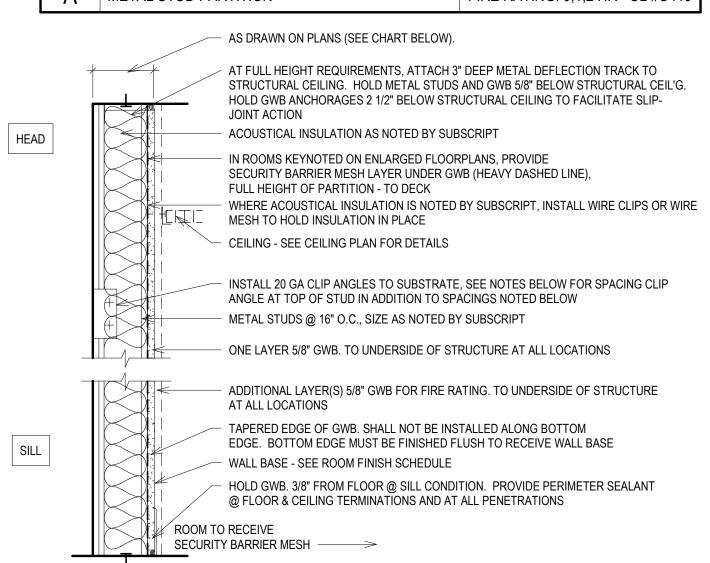
TWO LAYERS 5/8" GWB EACH SIDE AT 2HR RATED PARTITIONS. GWB METAL STUDS: PROVIDE 25 GAUGE @ 16"O.C., UNLESS NOTED OTHERWISE, OR OTHER GAUGE AND SPACING REQUIRED TO COMPLY WITH DEFLECTION CRITERIA. PROVIDE MINIMUM 20 GAUGE AT ABUSE RESISTANT GWB OR AS RECOMMENDED BY MANUFACTURER TAPERED EDGE OF GWB SHALL NOT BE INSTALLED ALONG BOTTOM EDGE.

AT FIRE RATED PARTITIONS INSTALL UL RATED FIRESTOPPING JOINT

HOLD GWB 3/8" FROM STRUCTURAL FLOOR. PROVIDE PERIMETER SEALANT AT STRUCTURAL FLOOR TERMINATIONS AND AT ALL PENETRATIONS

BOTTOM EDGE MUST BE FINISHED FLUSH TO RECEIVE SCHEDULED BASE.

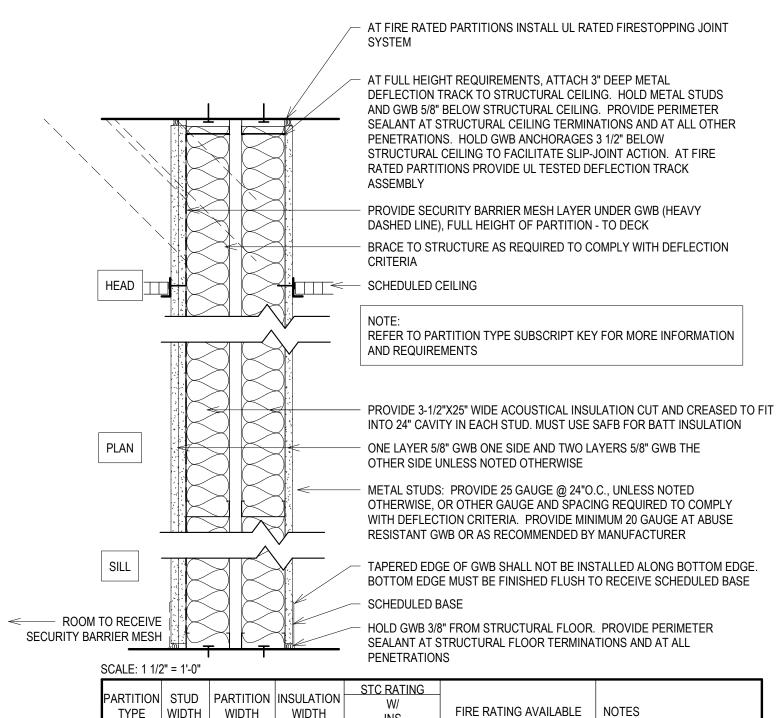
			ACOUSTICAL	S	ГС		
PARTITION TYPE	STUD WIDTH	PARTITION WIDTH 0,1HR / 2HR	INSULATION (WIDTH (SUBSCRIPT A)	W/O INS	W/ INS	FIRE RATING AVAILABLE	NOTES
A1	2 1/2"	3 3/4"/ 4 3/8"	2 1/2"	40	49	0-2 HR	2 LAYERS 5/8" GWB (1 LAYER EACH SIDE) 1 1/2" BATT INS. REQ. @ 1HR RATED PARTITION
A2 -	3 5/8"	4 7/8"/ 5 1/2"	3 1/2"	40	50	0-2 HR	2 LAYERS 5/8" GWB (1 LAYER EACH SIDE)
A3 -	3 5/8"	5 1/2"/ 6 1/8"	3 1/2"	40	55	0-2 HR	3 LAYERS 5/8" GWB (1 LAYER ONE SIDE AND 2 LAYERS ONE SIDE)
A4 -	3 5/8"	6 1/8"	3 1/2"	40	57	0-2 HR	4 LAYERS 5/8" GWB (2 LAYERS EACH SIDE)
A5 -	6"	7 1/4"/ 8 1/2"	6"	40	50	0-2 HR	2 LAYERS 5/8" GWB (1 LAYER EACH SIDE)
A6 -	6"	7 7/8"/ 8 1/2"	6"	40	52	0-2 HR	3 LAYERS 5/8" GWB (1 LAYER ONE SIDE AND 2 LAYERS ONE SIDE)
A8 -	8"	9 7/8"/ 10 1/2"	7 1/2"	40	52	0-2 HR	3 LAYERS 5/8" GWB (1 LAYER ONE SIDE AND 2 LAYERS ONE SIDE)
Α	META	L STUD PA	ARTITION				FIRE RATING: 0,1,2 HR - UL #U419



*** REFER TO SUBSCRIPT KEY & PARTITION NOTES FOR ADDITIONAL REQUIREMENTS ***

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

*** REFER	10 20B2	CRIPT KEY	& PARTITION NO	TES FOR AL	DITIONAL R	EQUIREMENTS """
Partition Type	STUD WIDTH	PARTITION WIDTH	ACOUSTICAL INSULATION WIDTH (SUBSCRIPT A)	(WHEN IN ADJ. TO A	IC ISTALLED ANOTHER D WALL)	NOTES
				W/O INS	W/ INS	
F.5 -	-	5/8"	NOT AVAIL.	40	NA	1 LAYER 5/8" GWB. LAMINATED OVER OTHER PARTITION
F1 -	1 5/8"	2 1/4"	NOT AVAIL.	40	49	1 LAYER 5/8" GWB. PROVIDE CLIP ANGLES TO BACK-UP @ 4'-0" O.C. (MAX.) VERT.
F3 -	3 5/8"	4 1/4"	3 1/2"	40	50	1 LAYER 5/8" GWB. PROVIDE BRACES TO BACK-UP AT VERT. MIDPOINT OF STUD WHERE UNBRACED HEIGHT EXCEEDS 12'-0".
F4 -	3 5/8"	4 1/4"	3 1/2"	40	52	2 LAYERS 5/8" GWB. PROVIDE BRACES TO BACK-UP AT VERT. MIDPOINT OF STUD WHERE UNBRACED HEIGHT EXCEEDS 12'-0".
F	META	L STUD F	URRING			FIRE RATING: 0 HOUR



(1 LAYER ONE SIDE AND

2 LAYERS ONE SIDE) WITH 1" GAP BETWEEN STUDS

0-1 HOURS

P10 2 X 10 1/8" 2 X 3 5/8" 2 X 3 1/2"

3 1/2"

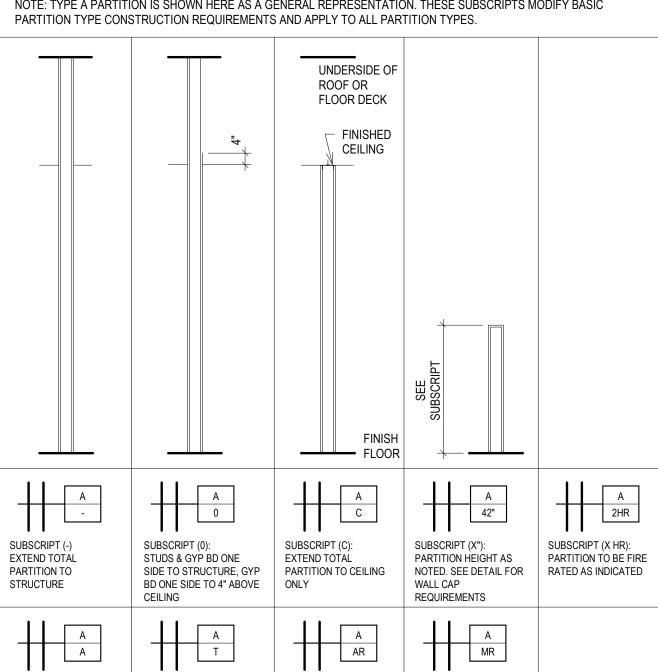
P METAL STUD "HIGH PERFORMANCE" | FIRE RATING: 1 HR - UL U493

GENERAL INTERIOR PARTITION NOTES TO CONTRACTOR

- REFER TO PARTITION DETAILS FOR CONSTRUCTION REQUIREMENTS OF PARTITION TYPES. REFER ALSO TO PARTITION TYPE SUBSCRIPT KEY FOR MODIFICATIONS TO BASIC PARTITION TYPE. IF NO PARTITION TYPE TAG IS INDICATED ON THE PLANS FOR A SPECIFIC SECTION OF METAL STUD WALL, PROVIDE PARTITION TYPE 'A3', SUBSCRIPT 'A'. NOTE: SOME PARTITION TYPES DESCRIBED MAY NOT BE USED ON THIS PROJECT.
- REFER TO 'PARTITION TYPE SUBSCRIPT KEY' FOR SYMBOLS AND SUBSCRIPTS USED TO IDENTIFY ADDITIONAL REQUIREMENTS OR MODIFICATIONS TO BASIC PARTITION TYPE.
- PARTITION DETAILS DESCRIBE GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO THE MANUFACTURERS' SPECIFICATIONS AND REQUIREMENTS OF APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION
- 4. ALL PENETRATIONS IN ACOUSTICALLY RATED, FIRE RATED, AND SMOKE RATED PARTITIONS AND CONNECTIONS OF THE PARTITIONS TO OTHER PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED DETAILS AND IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS.
- 5. ALL PENETRATIONS IN ACOUSTICALLY RATED PARTITIONS ARE TO BE ACOUSTICALLY SEALED TO MAINTAIN STC ASSEMBLY RATINGS.
- 6. FIREWALLS, FIRE PARTITIONS, FIRE BARRIERS OR ANY WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE IDENTIFIED PER SPECIFICATIONS AND CODE. WHERE FIREWALLS, FIRE PARTITIONS, FIRE BARRIERS OR ANY WALL REQUIRED TO HAVE FIRE RATING IS CALLED OUT IN THE DRAWINGS, EXTEND THE RATING UP TO THE NEXT FIRE RATED PARTITION IN A MANNER THAT ENSURES A CONTINUOUS FIRE SEPARATION AND MAINTAINS THE INTEGRITY OF THE FIRE RATED PARTITION.
- PROVIDE FIRE RESISTIVE JOINT SYSTEMS PER SPECIFICATIONS. 8. AT PLENUM RATED CEILINGS, ALL PENETRATIONS ARE TO BE SEALED TO MAINTAIN PLENUM CEILINGS AIR
- TIGHTNESS / 5PSF. 9. REFER TO STRUCTURAL DRAWINGS FOR EXTENT AND DESCRIPTION OF INTERIOR STRUCTURAL WALLS.
- 10. SUPPLY/INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/MOUNTING OF ALL WALL HUNG ITEMS OR EQUIPMENT DESCRIBED IN THE DOCUMENTS, WHETHER CONTRACTOR FURNISHED OR OWNER FURNISHED. COORDINATE BLOCKING LOCATIONS OF ALL OWNER-FURNSIHED ITEMS OR EQUIPMENT. 11. PROVIDE ABUSE RESISTANT GYPSUM WALL BOARD UP TO 4'-0" AFF AT AREA OF NEW WORK WITHIN EXTG PUBLIC
- CORRIDOR 500. PROVIDE STANDARD WALL BOARD ABOVE, U.N.O. 12. WHERE PARTITIONS AND/OR FURRING MEET, MAINTAIN SURFACES FLUSH AND PLUMB.
- PROVIDE 5/8" GWB UNLESS NOTED OTHERWISE. 14. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL TOILET ROOMS AND WET AREAS UNLESS NOTED
- 15. INSTALLATION OF ALL TYPES OF GYPSUM BOARD SHALL CONFORM TO REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
- 16. ALL GYPSUM WALL BOARD IS TO BE INSTALLED WITH THE LONG DIMENSION RUNNING HORIZONTALLY UNLESS THE REQUIREMENT FOR THE FIRE RATING AND ACOUSTICAL RATINGS DIFFER.
- 17. U.N.O. PROVIDE 4" AT DOOR JAMBS (FROM EDGE OF FRAME TO FINISHED FACE OF WALL) 18. TYPICAL FLOOR PLAN DIMENSIONS ARE TO THE FACE OF THE OUTERMOST LAYER OF GYPSUM BOARD UNLESS NOTED AS TO CENTERLINE OF PARITION.
- 19. WHERE A CLEAR DIMENSION OR OPENING IS REQUIRED OR NOTED, MEASURE DIMENSION TO FACE OF PARTITION
- 20. WHERE THERMAL INSULATION IS NOTED BY SUBSCRIPT, INSTALL VAPOR RETARDER. SEAL AT ALL TERMINATIONS, PENETRATIONS, AND SEAMS. INSTALL FELT ISOLATION STRIPS BETWEEN CLIP ANGLE AND SUBSTRATE.

PARTITION TYPE SUBSCRIPT KEY

NOTE: TYPE A PARTITION IS SHOWN HERE AS A GENERAL REPRESENTATION. THESE SUBSCRIPTS MODIFY BASIC



METAL STUD PARTITION NOTES (SEE INTERIOR PARTITION GENERAL NOTES FOR MORE INFORMATION)

SUBSCRIPT (T):

ACOUSTICAL INSULATION THERMAL INSULATION

SUBSCRIPT (A):

METAL STUD PARTITION CONSTRUCTION

PROVIDE 25 GAUGE METAL STUDS AND ACCESSORIES UNLESS NOTED BY PARTITION TYPE SUBSCRIPT. PROVIDE 5/8" GYPSUM BOARD UNLESS OTHERWISE NOTED.

SUBSCRIPT (AR):

SUBSCRIPT (MR):

ABUSE-RESISTANT GYP. MOISTURE-RESISTANT GYP.

- PROVIDE A MINIMUM 20 GAUGE METAL STUDS AT ALL ABUSE REISISTANCE GYP PARTITIONS OR STUD GAUGE AS RECOMMENDED BY MANUFACTURER. TYPICAL FLOOR PLAN DIMENSIONS OF PARTITIONS ARE TO THE FACE OF OUTERMOST LAYER OF GYPSUM
- BOARD UNLESS NOTED AS TO CENTERLINE OF PARTITION. PROVIDE WATER RESISTANT FIBERGLASS REINFORCED GYPSUM BOARD AT AREAS THAT ARE TO
- RECEIVECERAMIC TILE FINISH AND REQUIRED BY CODE (EXCEPT AS NOTED IN ITEM "G" BELOW).
- PROVIDE TILE (CEMENT) BACKER BOARD AT SHOWER AREAS AND AT OTHER WET AREAS THAT ARE SCHEDULED TO RECEIVE CERAMIC TILE FINISH.
- PROVIDE VENEER PLASTER BASE BOARD WHERE PARTITION IS SCHEDULED TO RECEIVE VENEER PLASTER.REFER TO STRUCTURAL DOCUMENTS FOR ADDITIONAL REQUIREMENTS OF STRUCTURAL WALLS.
- INSTALLATION OF ALL TYPES OF GYPSUM BOARD SHALL CONFORM TO REQUIREMENTS FOR THE FIRE RATINGS AND ACOUSTICAL RATINGS.
- ALL GYPSUM BOARD SHEATHING IS TO BE INSTALLED WITH THE LONG DIMENSION RUNNING HORIZONTALLY UNLESS THE REQUIREMENT FOR THE FIRE AND ACOUSTICAL RATINGS DIFFER.

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	210101
SET TYPE	PLAN REVIEW
DATE ISSUED	12/22/2022
SHEET	Δ002

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751 North

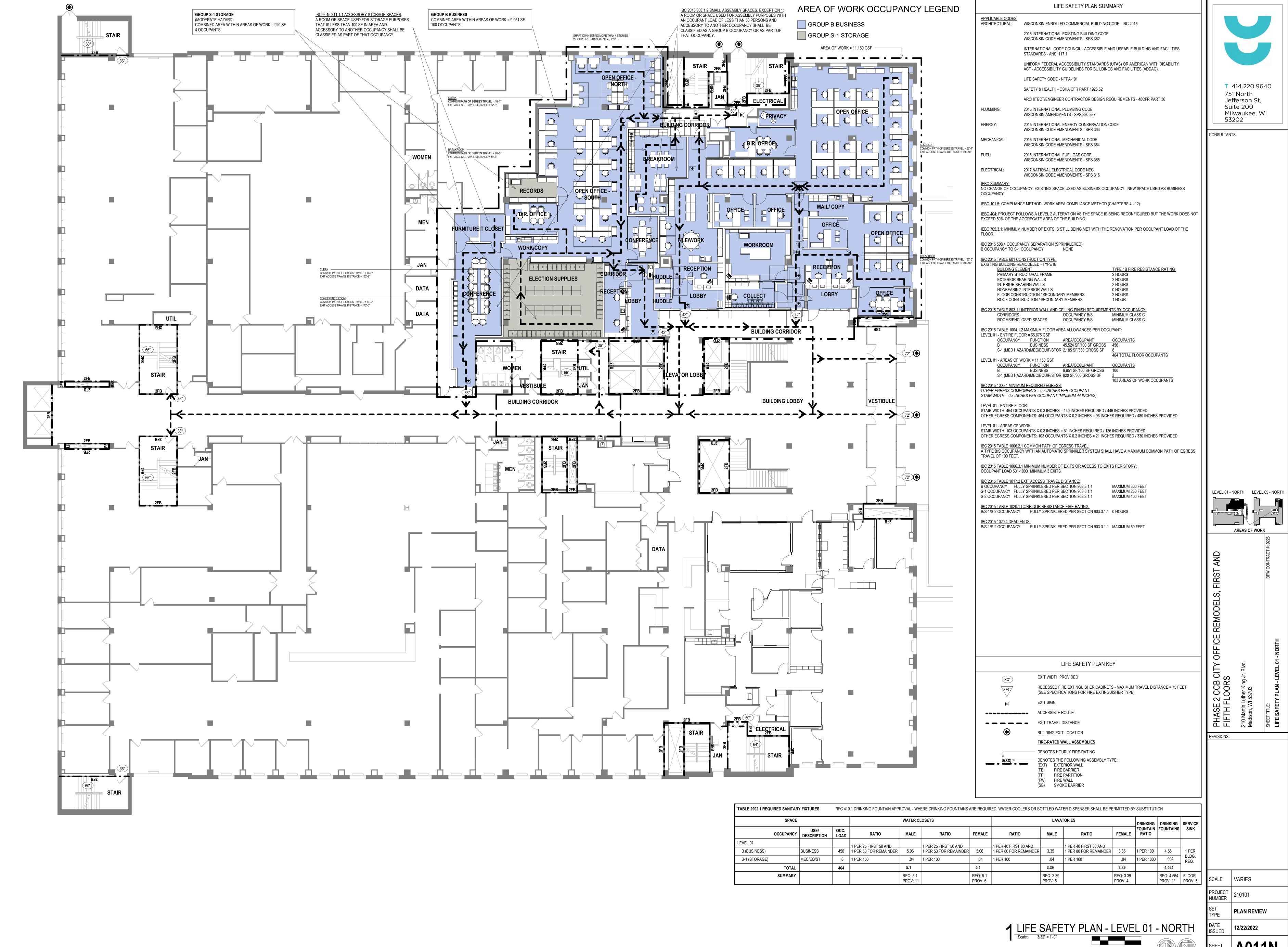
Suite 200

53202

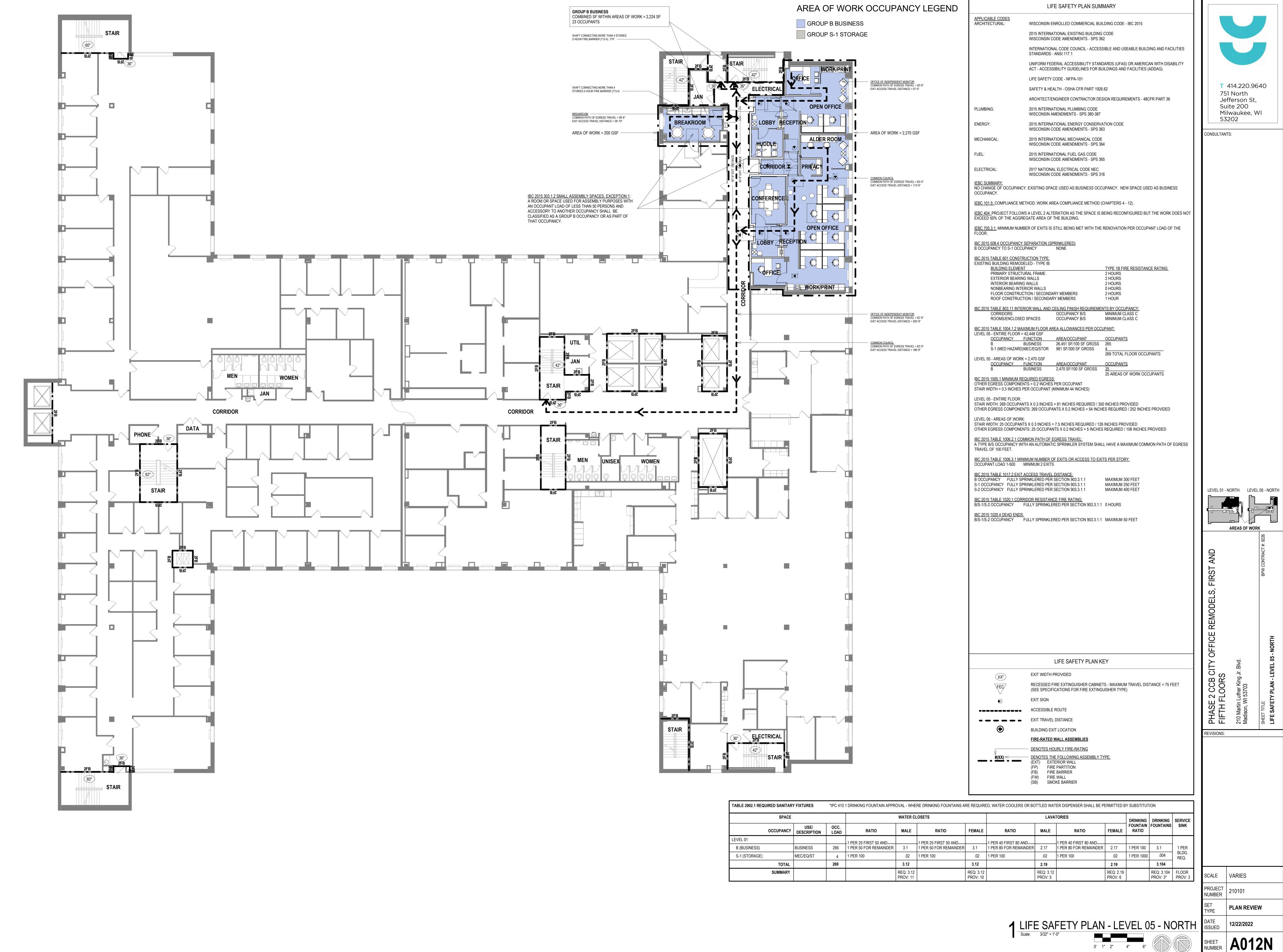
CONSULTANTS:

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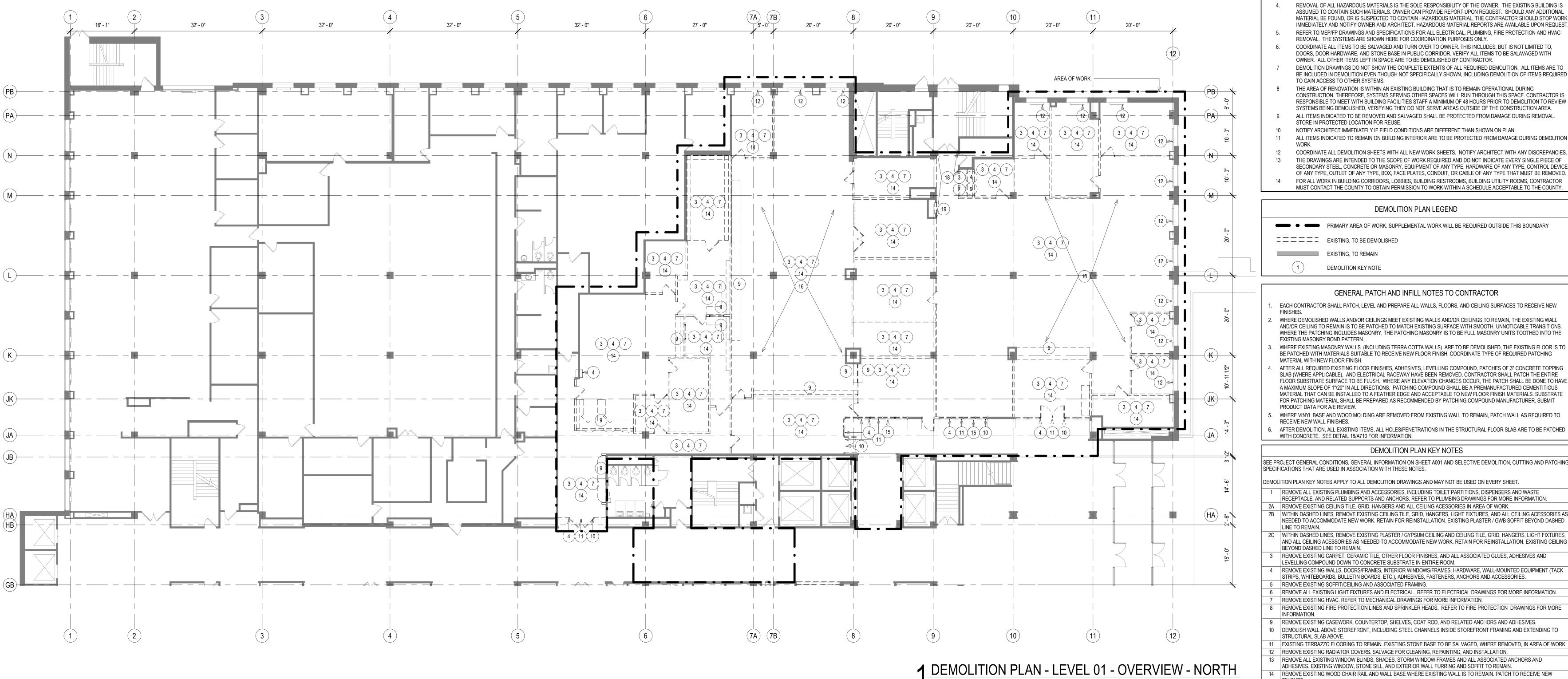
Milwaukee, WI



SHEET A011N







GENERAL DEMOLITION NOTES TO CONTRACTOR

- 1. DRAWINGS WERE PREPARED BASED ON AVAILABLE EXISTING BUILDING DOCUMENTATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS, AND DIMENSIONS TO SATISFY EXECUTION OF WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
- EXISTING WALLS, DOORS, FRAMES, ETC. THAT ARE SCHEDULED TO BE REMOVED ARE SHOWN BY HEAVY DASHED LINE TYPES. SEE DEMOLITION KEY NOTES FOR SPECIFIC INSTRUCTIONS.
- EXISTING WALLS, DOORS, FRAMES, ETC. THAT ARE SCHEDULED TO REMAIN ARE SHOWN HALF-TONE AND ARE TO BE PROTECTED FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION. ANY SUCH EXISTING CONDITIONS WHICH ARE DAMAGED OR BECOME UNSTABLE DUE TO OTHER DEMOLITION SHALL BE REPLACED AT NO COST TO THE OWNER, WITH NEW CONSTRUCTION TO MATCH.
- REMOVAL OF ALL HAZARDOUS MATERIALS IS THE SOLE RESPONSIBILITY OF THE OWNER. THE EXISTING BUILDING IS ASSUMED TO CONTAIN SUCH MATERIALS. OWNER CAN PROVIDE REPORT UPON REQUEST. SHOULD ANY ADDITIONAL MATERIAL BE FOUND, OR IS SUSPECTED TO CONTAIN HAZARDOUS MATERIAL, THE CONTRACTOR SHOULD STOP WORK
- IMMEDIATELY AND NOTIFY OWNER AND ARCHITECT. HAZARDOUS MATERIAL REPORTS ARE AVAILABLE UPON REQUEST REFER TO MEP/FP DRAWINGS AND SPECIFICATIONS FOR ALL ELECTRICAL, PLUMBING, FIRE PROTECTION AND HVAC REMOVAL. THE SYSTEMS ARE SHOWN HERE FOR COORDINATION PURPOSES ONLY.
- COORDINATE ALL ITEMS TO BE SALVAGED AND TURN OVER TO OWNER. THIS INCLUDES, BUT IS NOT LIMITED TO, DOORS, DOOR HARDWARE, AND STONE BASE IN PUBLIC CORRIDOR. VERIFY ALL ITEMS TO BE SALAVAGED WITH

OWNER. ALL OTHER ITEMS LEFT IN SPACE ARE TO BE DEMOLISHED BY CONTRACTOR.

- DEMOLITION DRAWINGS DO NOT SHOW THE COMPLETE EXTENTS OF ALL REQUIRED DEMOLITION. ALL ITEMS ARE TO BE INCLUDED IN DEMOLITION EVEN THOUGH NOT SPECIFICALLY SHOWN, INCLUDING DEMOLITION OF ITEMS REQUIRED TO GAIN ACCESS TO OTHER SYSTEMS.
- THE AREA OF RENOVATION IS WITHIN AN EXISTING BUILDING THAT IS TO REMAIN OPERATIONAL DURING CONSTRUCTION. THEREFORE, SYSTEMS SERVING OTHER SPACES WILL RUN THROUGH THIS SPACE. CONTRACTOR IS RESPONSIBLE TO MEET WITH BUILDING FACILITIES STAFF A MINIMUM OF 48 HOURS PRIOR TO DEMOLITION TO REVIEW
- SYSTEMS BEING DEMOLISHED, VERIFYING THEY DO NOT SERVE AREAS OUTSIDE OF THE CONSTRUCTION AREA. ALL ITEMS INDICATED TO BE REMOVED AND SALVAGED SHALL BE PROTECTED FROM DAMAGE DURING REMOVAL. STORE IN PROTECTED LOCATION FOR REUSE.
- NOTIFY ARCHITECT IMMEDIATELY IF FIELD CONDITIONS ARE DIFFERENT THAN SHOWN ON PLAN.
- ALL ITEMS INDICATED TO REMAIN ON BUILDING INTERIOR ARE TO BE PROTECTED FROM DAMAGE DURING DEMOLITION
- COORDINATE ALL DEMOLITION SHEETS WITH ALL NEW WORK SHEETS. NOTIFY ARCHITECT WITH ANY DISCREPANCIES. THE DRAWINGS ARE INTENDED TO THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY SINGLE PIECE OF
- SECONDARY STEEL, CONCRETE OR MASONRY, EQUIPMENT OF ANY TYPE, HARDWARE OF ANY TYPE, CONTROL DEVICE OF ANY TYPE, OUTLET OF ANY TYPE, BOX, FACE PLATES, CONDUIT, OR CABLE OF ANY TYPE THAT MUST BE REMOVED FOR ALL WORK IN BUILDING CORRIDORS, LOBBIES, BUILDING RESTROOMS, BUILDING UTILITY ROOMS, CONTRACTOR

MUST CONTACT THE COUNTY TO OBTAIN PERMISSION TO WORK WITHIN A SCHEDULE ACCEPTABLE TO THE COUNTY.

DEMOLITION PLAN LEGEND

PRIMARY AREA OF WORK. SUPPLEMENTAL WORK WILL BE REQUIRED OUTSIDE THIS BOUNDARY = = = = = = EXISTING, TO BE DEMOLISHED

EXISTING, TO REMAIN DEMOLITION KEY NOTE

GENERAL PATCH AND INFILL NOTES TO CONTRACTOR

- EACH CONTRACTOR SHALL PATCH, LEVEL AND PREPARE ALL WALLS, FLOORS, AND CEILING SURFACES TO RECEIVE NEW
- WHERE DEMOLISHED WALLS AND/OR CEILINGS MEET EXISTING WALLS AND/OR CEILINGS TO REMAIN, THE EXISTING WALL AND/OR CEILING TO REMAIN IS TO BE PATCHED TO MATCH EXISTING SURFACE WITH SMOOTH, UNNOTICABLE TRANSITIONS. WHERE THE PATCHING INCLUDES MASONRY, THE PATCHING MASONRY IS TO BE FULL MASONRY UNITS TOOTHED INTO THE
- WHERE EXISTING MASONRY WALLS (INCLUDING TERRA COTTA WALLS) ARE TO BE DEMOLISHED, THE EXISTING FLOOR IS TO BE PATCHED WITH MATERIALS SUITABLE TO RECEIVE NEW FLOOR FINISH. COORDINATE TYPE OF REQUIRED PATCHING MATERIAL WITH NEW FLOOR FINISH.
- AFTER ALL REQUIRED EXISTING FLOOR FINISHES, ADHESIVES, LEVELLING COMPOUND, PATCHES OF 3" CONCRETE TOPPING SLAB (WHERE APPLICABLE), AND ELECTRICAL RACEWAY HAVE BEEN REMOVED, CONTRACTOR SHALL PATCH THE ENTIRE FLOOR SUBSTRATE SURFACE TO BE FLUSH. WHERE ANY ELEVATION CHANGES OCCUR, THE PATCH SHALL BE DONE TO HAVE A MAXIMUM SLOPE OF 1"/20" IN ALL DIRECTIONS. PATCHING COMPOUND SHALL BE A PREMANUFACTURED CEMENTITIOUS MATERIAL THAT CAN BE INSTALLED TO A FEATHER EDGE AND ACCEPTABLE TO NEW FLOOR FINISH MATERIALS. SUBSTRATE FOR PATCHING MATERIAL SHALL BE PREPARED AS RECOMMENDED BY PATCHING COMPOUND MANUFACTURER. SUBMIT PRODUCT DATA FOR A/E REVIEW.
- WHERE VINYL BASE AND WOOD MOLDING ARE REMOVED FROM EXISTING WALL TO REMAIN, PATCH WALL AS REQUIRED TO
- RECEIVE NEW WALL FINISHES. AFTER DEMOLITION, ALL EXISTING ITEMS, ALL HOLES/PENETRATIONS IN THE STRUCTURAL FLOOR SLAB ARE TO BE PATCHED

DEMOLITION PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING

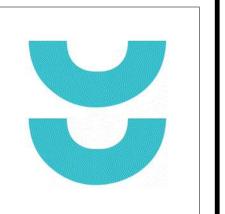
DEMOLITION PLAN KEY NOTES APPLY TO ALL DEMOLITION DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

- REMOVE ALL EXISTING PLUMBING AND ACCESSORIES, INCLUDING TOILET PARTITIONS, DISPENSERS AND WASTE RECEPTACLE, AND RELATED SUPPORTS AND ANCHORS. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
- REMOVE EXISTING CEILING TILE, GRID, HANGERS AND ALL CEILING ACESSORIES IN AREA OF WORK. B WITHIN DASHED LINES, REMOVE EXISTING CEILING TILE, GRID, HANGERS, LIGHT FIXTURES, AND ALL CEILING ACESSORIES AS
- WITHIN DASHED LINES, REMOVE EXISTING PLASTER / GYPSUM CEILING AND CEILING TILE, GRID, HANGERS, LIGHT FIXTURES,
- AND ALL CEILING ACESSORIES AS NEEDED TO ACCOMMODATE NEW WORK. RETAIN FOR REINSTALLATION. EXISTING CEILING BEYOND DASHED LINE TO REMAIN. REMOVE EXISTING CARPET, CERAMIC TILE, OTHER FLOOR FINISHES, AND ALL ASSOCIATED GLUES, ADHESIVES AND
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- REMOVE ALL EXISTING LIGHT FIXTURES AND ELECTRICAL. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION. REMOVE EXISTING HVAC. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION.
- REMOVE EXISTING FIRE PROTECTION LINES AND SPRINKLER HEADS. REFER TO FIRE PROTECTION DRAWINGS FOR MORE
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- REMOVE EXISTING RADIATOR COVERS. SALVAGE FOR CLEANING, REPAINTING, AND INSTALLATION.
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- REMOVE EXISTING WOOD CHAIR RAIL AND WALL BASE WHERE EXISTING WALL IS TO REMAIN. PATCH TO RECEIVE NEW REMOVE EXISTING DISPLAY CABINET, HARDWARE, ADHESIVES, FASTENERS AND ACCESSORIES. RETAIN COUNTY CLERK'S

0' 1" 2" 4" 6"

PLAN NORTH TRUE NORTH

- GLASS DOOR DISPLAY CABINET FOR REUSE BY COUNTY. 6 FLOOR SLAB TOPPING TO BE CUT TO ACCOMMODATE ELECTRICAL RACEWAY. COORDINATE EXTENT / DETAIL OF CUTTING
- WITH ELECTRICAL DOCUMENTS. PROVIDE SUPPORT OF EXISTING CORRIDOR PLASTER / GWB SOFFIT TO STRUCTURE ABOVE WHEN EXISTING STOREFRONT
- PARTITIONS ARE DEMOLISHED.
- 18 AT EXISTING PARTITIONS TO REMAIN IN THE AREA NEAR THE STAIR EXIT, LEAVE EXISTING METAL BASE IN PLACE TO RECEIVE NEW FINSHES.
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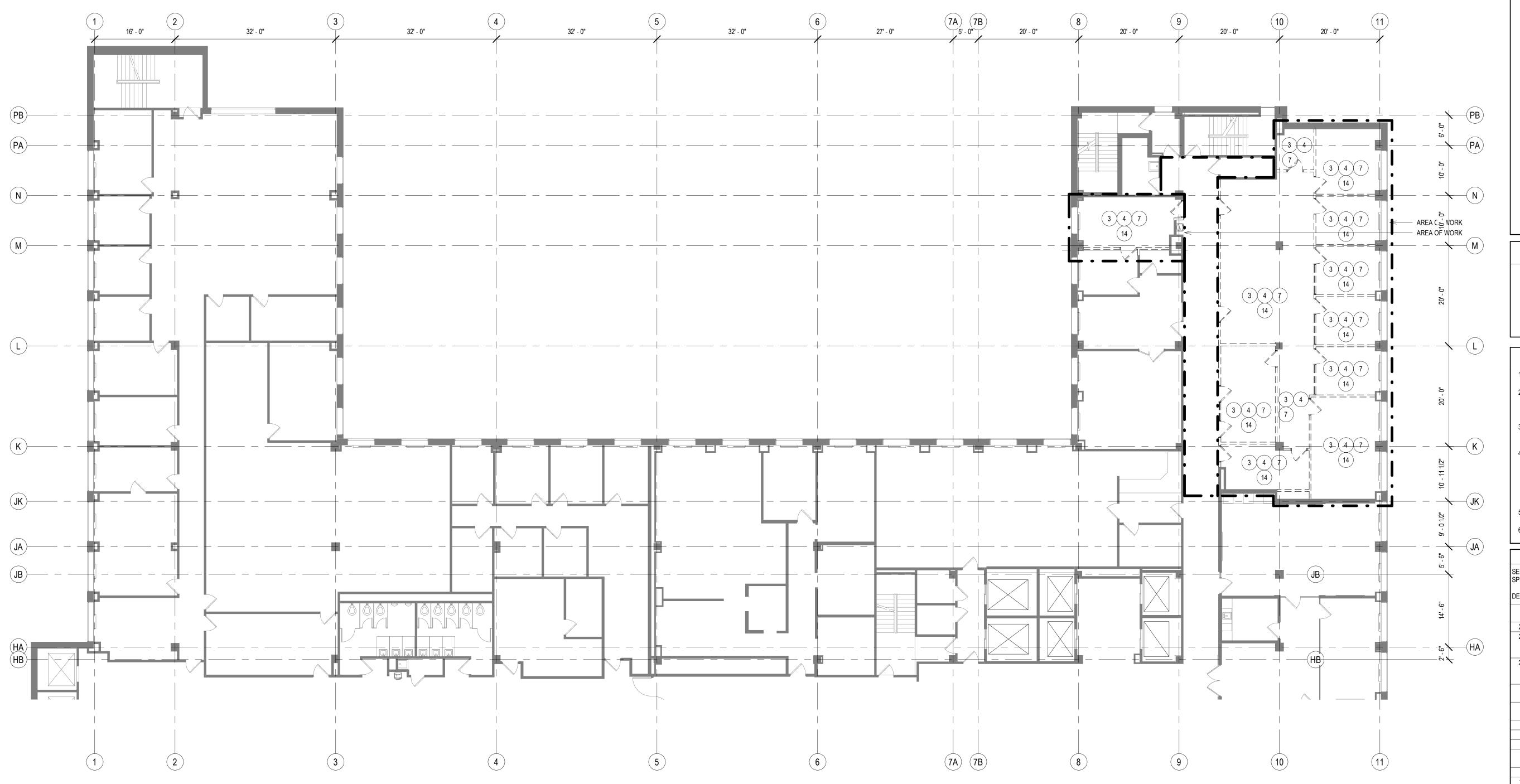


T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

CONSULTANTS:

LEVEL 01 - NORTH LEVEL 05 - NORTH AREAS OF WORK

REVISIONS:



1 DEMOLITION PLAN - LEVEL 05 - OVERVIEW - NORTH
Scale: 3/32" = 1'-0"

0' 1" 2" 4" 6"

PLAN NORTH TRUE NORTH

GENERAL DEMOLITION NOTES TO CONTRACTOR

- 1. DRAWINGS WERE PREPARED BASED ON AVAILABLE EXISTING BUILDING DOCUMENTATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS, AND DIMENSIONS TO SATISFY EXECUTION OF WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
- EXISTING WALLS, DOORS, FRAMES, ETC. THAT ARE SCHEDULED TO BE REMOVED ARE SHOWN BY HEAVY DASHED LINE TYPES. SEE DEMOLITION KEY NOTES FOR SPECIFIC INSTRUCTIONS. EXISTING WALLS, DOORS, FRAMES, ETC. THAT ARE SCHEDULED TO REMAIN ARE SHOWN HALF-TONE AND ARE TO BE PROTECTED FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION. ANY SUCH EXISTING CONDITIONS WHICH ARE
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- ALL ITEMS INDICATED TO REMAIN ON BUILDING INTERIOR ARE TO BE PROTECTED FROM DAMAGE DURING DEMOLITION
- COORDINATE ALL DEMOLITION SHEETS WITH ALL NEW WORK SHEETS. NOTIFY ARCHITECT WITH ANY DISCREPANCIES THE DRAWINGS ARE INTENDED TO THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY SINGLE PIECE OF SECONDARY STEEL, CONCRETE OR MASONRY, EQUIPMENT OF ANY TYPE, HARDWARE OF ANY TYPE, CONTROL DEVICE
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DEMOLITION PLAN LEGEND

PRIMARY AREA OF WORK. SUPPLEMENTAL WORK WILL BE REQUIRED OUTSIDE THIS BOUNDARY EXISTING, TO REMAIN DEMOLITION KEY NOTE

GENERAL PATCH AND INFILL NOTES TO CONTRACTOR

- EACH CONTRACTOR SHALL PATCH, LEVEL AND PREPARE ALL WALLS, FLOORS, AND CEILING SURFACES TO RECEIVE NEW
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DEMOLITION PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

DEMOLITION PLAN KEY NOTES APPLY TO ALL DEMOLITION DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

- REMOVE ALL EXISTING PLUMBING AND ACCESSORIES, INCLUDING TOILET PARTITIONS, DISPENSERS AND WASTE RECEPTACLE, AND RELATED SUPPORTS AND ANCHORS. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
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CONSULTANTS:

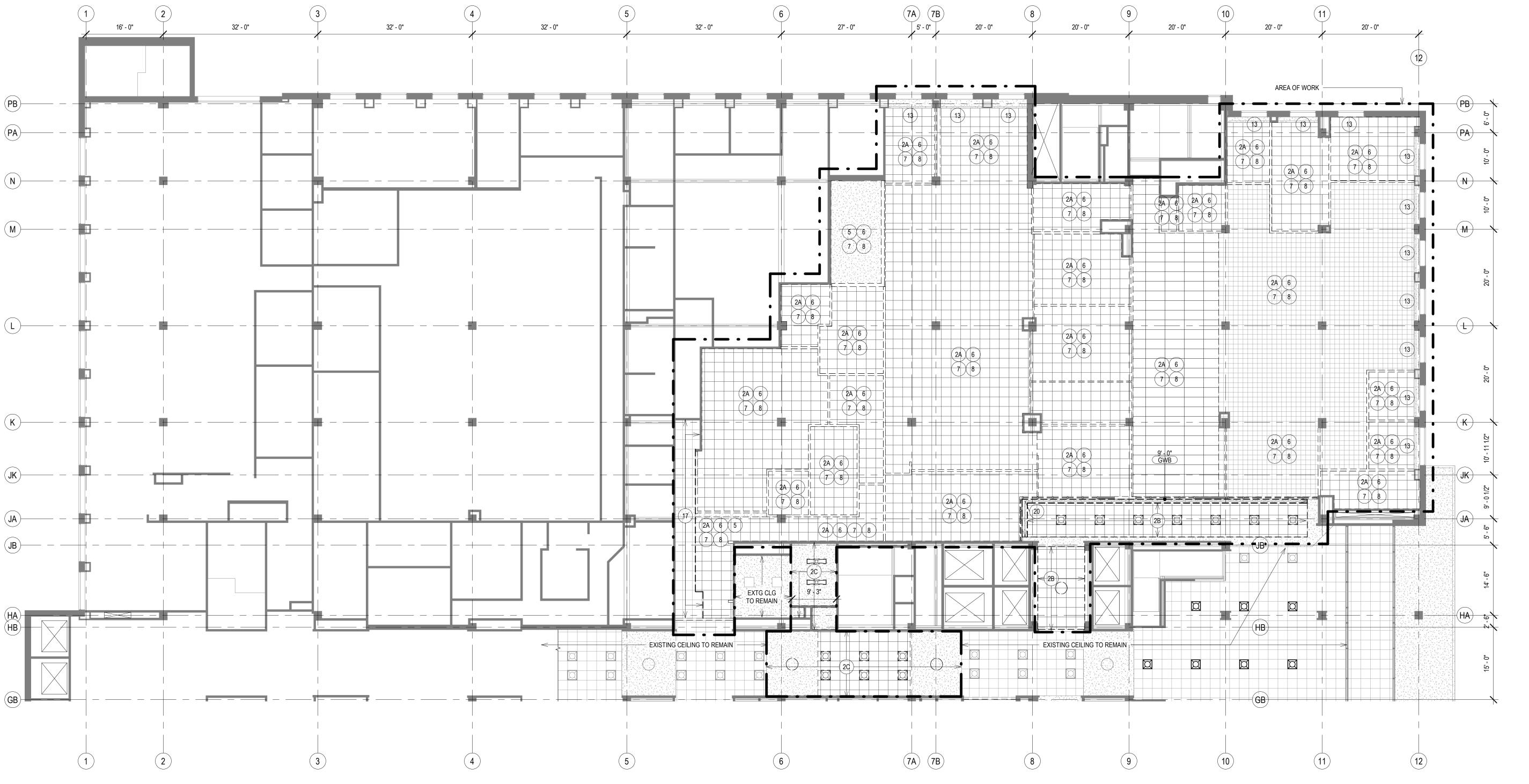
Jefferson St,

Milwaukee, WI

LEVEL 01 - NORTH LEVEL 05 - NORTH

AREAS OF WORK

REVISIONS:



1 DEMOLITION REFLECTED CEILING PLAN - LEVEL 01 - OVERVIEW - NORTH

Scale: 3/32" = 1'-0"



GENERAL DEMOLITION NOTES TO CONTRACTOR

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DEMOLITION PLAN LEGEND

PRIMARY AREA OF WORK. SUPPLEMENTAL WORK WILL BE REQUIRED OUTSIDE THIS BOUNDARY

EXISTING, TO REMAIN

DEMOLITION KEY NOTE

GENERAL PATCH AND INFILL NOTES TO CONTRACTOR

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DEMOLITION PLAN KEY NOTES

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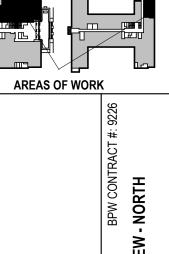
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T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

CONSULTANTS:



LEVEL 01 - NORTH LEVEL 05 - NORTH

REVISIONS:



GENERAL DEMOLITION NOTES TO CONTRACTOR

- DRAWINGS WERE PREPARED BASED ON AVAILABLE EXISTING BUILDING DOCUMENTATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS, AND DIMENSIONS TO SATISFY EXECUTION OF WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. EXISTING WALLS, DOORS, FRAMES, ETC. THAT ARE SCHEDULED TO BE REMOVED ARE SHOWN BY HEAVY DASHED LINE
- TYPES. SEE DEMOLITION KEY NOTES FOR SPECIFIC INSTRUCTIONS.
- EXISTING WALLS, DOORS, FRAMES, ETC. THAT ARE SCHEDULED TO REMAIN ARE SHOWN HALF-TONE AND ARE TO BE PROTECTED FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION. ANY SUCH EXISTING CONDITIONS WHICH ARE DAMAGED OR BECOME UNSTABLE DUE TO OTHER DEMOLITION SHALL BE REPLACED AT NO COST TO THE OWNER, WITH
- NEW CONSTRUCTION TO MATCH. REMOVAL OF ALL HAZARDOUS MATERIALS IS THE SOLE RESPONSIBILITY OF THE OWNER. THE EXISTING BUILDING IS ASSUMED TO CONTAIN SUCH MATERIALS. OWNER CAN PROVIDE REPORT UPON REQUEST. SHOULD ANY ADDITIONAL MATERIAL BE FOUND, OR IS SUSPECTED TO CONTAIN HAZARDOUS MATERIAL, THE CONTRACTOR SHOULD STOP WORK IMMEDIATELY AND NOTIFY OWNER AND ARCHITECT. HAZARDOUS MATERIAL REPORTS ARE AVAILABLE UPON REQUEST. REFER TO MEP/FP DRAWINGS AND SPECIFICATIONS FOR ALL ELECTRICAL, PLUMBING, FIRE PROTECTION AND HVAC
- REMOVAL. THE SYSTEMS ARE SHOWN HERE FOR COORDINATION PURPOSES ONLY. COORDINATE ALL ITEMS TO BE SALVAGED AND TURN OVER TO OWNER. THIS INCLUDES, BUT IS NOT LIMITED TO, DOORS, DOOR HARDWARE, AND STONE BASE IN PUBLIC CORRIDOR. VERIFY ALL ITEMS TO BE SALAVAGED WITH
- OWNER. ALL OTHER ITEMS LEFT IN SPACE ARE TO BE DEMOLISHED BY CONTRACTOR. DEMOLITION DRAWINGS DO NOT SHOW THE COMPLETE EXTENTS OF ALL REQUIRED DEMOLITION. ALL ITEMS ARE TO BE INCLUDED IN DEMOLITION EVEN THOUGH NOT SPECIFICALLY SHOWN, INCLUDING DEMOLITION OF ITEMS REQUIRED
- TO GAIN ACCESS TO OTHER SYSTEMS. THE AREA OF RENOVATION IS WITHIN AN EXISTING BUILDING THAT IS TO REMAIN OPERATIONAL DURING CONSTRUCTION. THEREFORE, SYSTEMS SERVING OTHER SPACES WILL RUN THROUGH THIS SPACE. CONTRACTOR IS RESPONSIBLE TO MEET WITH BUILDING FACILITIES STAFF A MINIMUM OF 48 HOURS PRIOR TO DEMOLITION TO REVIEW
- SYSTEMS BEING DEMOLISHED, VERIFYING THEY DO NOT SERVE AREAS OUTSIDE OF THE CONSTRUCTION AREA. ALL ITEMS INDICATED TO BE REMOVED AND SALVAGED SHALL BE PROTECTED FROM DAMAGE DURING REMOVAL. STORE IN PROTECTED LOCATION FOR REUSE. NOTIFY ARCHITECT IMMEDIATELY IF FIELD CONDITIONS ARE DIFFERENT THAN SHOWN ON PLAN.
- ALL ITEMS INDICATED TO REMAIN ON BUILDING INTERIOR ARE TO BE PROTECTED FROM DAMAGE DURING DEMOLITION
- 12 COORDINATE ALL DEMOLITION SHEETS WITH ALL NEW WORK SHEETS. NOTIFY ARCHITECT WITH ANY DISCREPANCIES. THE DRAWINGS ARE INTENDED TO THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY SINGLE PIECE OF SECONDARY STEEL, CONCRETE OR MASONRY, EQUIPMENT OF ANY TYPE, HARDWARE OF ANY TYPE, CONTROL DEVICE OF ANY TYPE, OUTLET OF ANY TYPE, BOX, FACE PLATES, CONDUIT, OR CABLE OF ANY TYPE THAT MUST BE REMOVED. FOR ALL WORK IN BUILDING CORRIDORS, LOBBIES, BUILDING RESTROOMS, BUILDING UTILITY ROOMS, CONTRACTOR MUST CONTACT THE COUNTY TO OBTAIN PERMISSION TO WORK WITHIN A SCHEDULE ACCEPTABLE TO THE COUNTY.

 DEMOLITION PLAN LEGEND

PRIMARY AREA OF WORK. SUPPLEMENTAL WORK WILL BE REQUIRED OUTSIDE THIS BOUNDARY EXISTING, TO REMAIN DEMOLITION KEY NOTE

GENERAL PATCH AND INFILL NOTES TO CONTRACTOR

- EACH CONTRACTOR SHALL PATCH, LEVEL AND PREPARE ALL WALLS, FLOORS, AND CEILING SURFACES TO RECEIVE NEW
- WHERE DEMOLISHED WALLS AND/OR CEILINGS MEET EXISTING WALLS AND/OR CEILINGS TO REMAIN, THE EXISTING WALL AND/OR CEILING TO REMAIN IS TO BE PATCHED TO MATCH EXISTING SURFACE WITH SMOOTH, UNNOTICABLE TRANSITIONS. WHERE THE PATCHING INCLUDES MASONRY, THE PATCHING MASONRY IS TO BE FULL MASONRY UNITS TOOTHED INTO THE EXISTING MASONRY BOND PATTERN.
- WHERE EXISTING MASONRY WALLS (INCLUDING TERRA COTTA WALLS) ARE TO BE DEMOLISHED, THE EXISTING FLOOR IS TO BE PATCHED WITH MATERIALS SUITABLE TO RECEIVE NEW FLOOR FINISH. COORDINATE TYPE OF REQUIRED PATCHING MATERIAL WITH NEW FLOOR FINISH.
- AFTER ALL REQUIRED EXISTING FLOOR FINISHES, ADHESIVES, LEVELLING COMPOUND, PATCHES OF 3" CONCRETE TOPPING SLAB (WHERE APPLICABLE), AND ELECTRICAL RACEWAY HAVE BEEN REMOVED, CONTRACTOR SHALL PATCH THE ENTIRE FLOOR SUBSTRATE SURFACE TO BE FLUSH. WHERE ANY ELEVATION CHANGES OCCUR, THE PATCH SHALL BE DONE TO HAVE A MAXIMUM SLOPE OF 1"/20" IN ALL DIRECTIONS. PATCHING COMPOUND SHALL BE A PREMANUFACTURED CEMENTITIOUS MATERIAL THAT CAN BE INSTALLED TO A FEATHER EDGE AND ACCEPTABLE TO NEW FLOOR FINISH MATERIALS. SUBSTRATE FOR PATCHING MATERIAL SHALL BE PREPARED AS RECOMMENDED BY PATCHING COMPOUND MANUFACTURER. SUBMIT PRODUCT DATA FOR A/E REVIEW.
- WHERE VINYL BASE AND WOOD MOLDING ARE REMOVED FROM EXISTING WALL TO REMAIN, PATCH WALL AS REQUIRED TO RECEIVE NEW WALL FINISHES.
- AFTER DEMOLITION, ALL EXISTING ITEMS, ALL HOLES/PENETRATIONS IN THE STRUCTURAL FLOOR SLAB ARE TO BE PATCHED WITH CONCRETE. SEE DETAIL 18/A710 FOR INFORMATION.

DEMOLITION PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

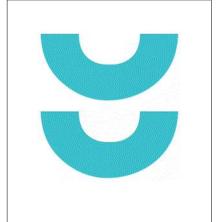
DEMOLITION PLAN KEY NOTES APPLY TO ALL DEMOLITION DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

REMOVE ALL EXISTING PLUMBING AND ACCESSORIES, INCLUDING TOILET PARTITIONS, DISPENSERS AND WASTE

- RECEPTACLE, AND RELATED SUPPORTS AND ANCHORS. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION. REMOVE EXISTING CEILING TILE, GRID, HANGERS AND ALL CEILING ACESSORIES IN AREA OF WORK. 2B WITHIN DASHED LINES, REMOVE EXISTING CEILING TILE, GRID, HANGERS, LIGHT FIXTURES, AND ALL CEILING ACESSORIES AS
- NEEDED TO ACCOMMODATE NEW WORK. RETAIN FOR REINSTALLATION. EXISTING PLASTER / GWB SOFFIT BEYOND DASHED LINE TO REMAIN. WITHIN DASHED LINES, REMOVE EXISTING PLASTER / GYPSUM CEILING AND CEILING TILE, GRID, HANGERS, LIGHT FIXTURES,
- AND ALL CEILING ACESSORIES AS NEEDED TO ACCOMMODATE NEW WORK. RETAIN FOR REINSTALLATION. EXISTING CEILING BEYOND DASHED LINE TO REMAIN.
- LEVELLING COMPOUND DOWN TO CONCRETE SUBSTRATE IN ENTIRE ROOM. REMOVE EXISTING WALLS, DOORS/FRAMES, INTERIOR WINDOWS/FRAMES, HARDWARE, WALL-MOUNTED EQUIPMENT (TACK
- STRIPS, WHITEBOARDS, BULLETIN BOARDS, ETC.), ADHESIVES, FASTENERS, ANCHORS AND ACCESSORIES. REMOVE EXISTING SOFFIT/CEILING AND ASSOCIATED FRAMING.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ELECTRICAL. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- REMOVE EXISTING HVAC. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION. REMOVE EXISTING FIRE PROTECTION LINES AND SPRINKLER HEADS. REFER TO FIRE PROTECTION DRAWINGS FOR MORE
- INFORMATION. REMOVE EXISTING CASEWORK, COUNTERTOP, SHELVES, COAT ROD, AND RELATED ANCHORS AND ADHESIVES.
- DEMOLISH WALL ABOVE STOREFRONT, INCLUDING STEEL CHANNELS INSIDE STOREFRONT FRAMING AND EXTENDING TO STRUCTURAL SLAB ABOVE. EXISTING TERRAZZO FLOORING TO REMAIN. EXISTING STONE BASE TO BE SALVAGED, WHERE REMOVED, IN AREA OF WORK.
- REMOVE EXISTING RADIATOR COVERS. SALVAGE FOR CLEANING, REPAINTING, AND INSTALLATION. REMOVE ALL EXISTING WINDOW BLINDS, SHADES, STORM WINDOW FRAMES AND ALL ASSOCIATED ANCHORS AND ADHESIVES. EXISTING WINDOW, STONE SILL, AND EXTERIOR WALL FURRING AND SOFFIT TO REMAIN.
- REMOVE EXISTING WOOD CHAIR RAIL AND WALL BASE WHERE EXISTING WALL IS TO REMAIN. PATCH TO RECEIVE NEW
- REMOVE EXISTING DISPLAY CABINET, HARDWARE, ADHESIVES, FASTENERS AND ACCESSORIES. RETAIN COUNTY CLERK'S GLASS DOOR DISPLAY CABINET FOR REUSE BY COUNTY. FLOOR SLAB TOPPING TO BE CUT TO ACCOMMODATE ELECTRICAL RACEWAY. COORDINATE EXTENT / DETAIL OF CUTTING
- WITH ELECTRICAL DOCUMENTS. PROVIDE SUPPORT OF EXISTING CORRIDOR PLASTER / GWB SOFFIT TO STRUCTURE ABOVE WHEN EXISTING STOREFRONT
- PARTITIONS ARE DEMOLISHED. 18 AT EXISTING PARTITIONS TO REMAIN IN THE AREA NEAR THE STAIR EXIT, LEAVE EXISTING METAL BASE IN PLACE TO RECEIVE
- 19 REMOVE EXISTING FIRE HOSE CABINET. PATCH WALL TO RECEIVE NEW FINISHES.

PLAN NORTH TRUE NORTH

20 EXISTING PLASTER / GWB SOFFIT BOUNDED BY DOTTED LINE TO BE REMOVED TO ACCOMMODATE NEW HVAC WORK.



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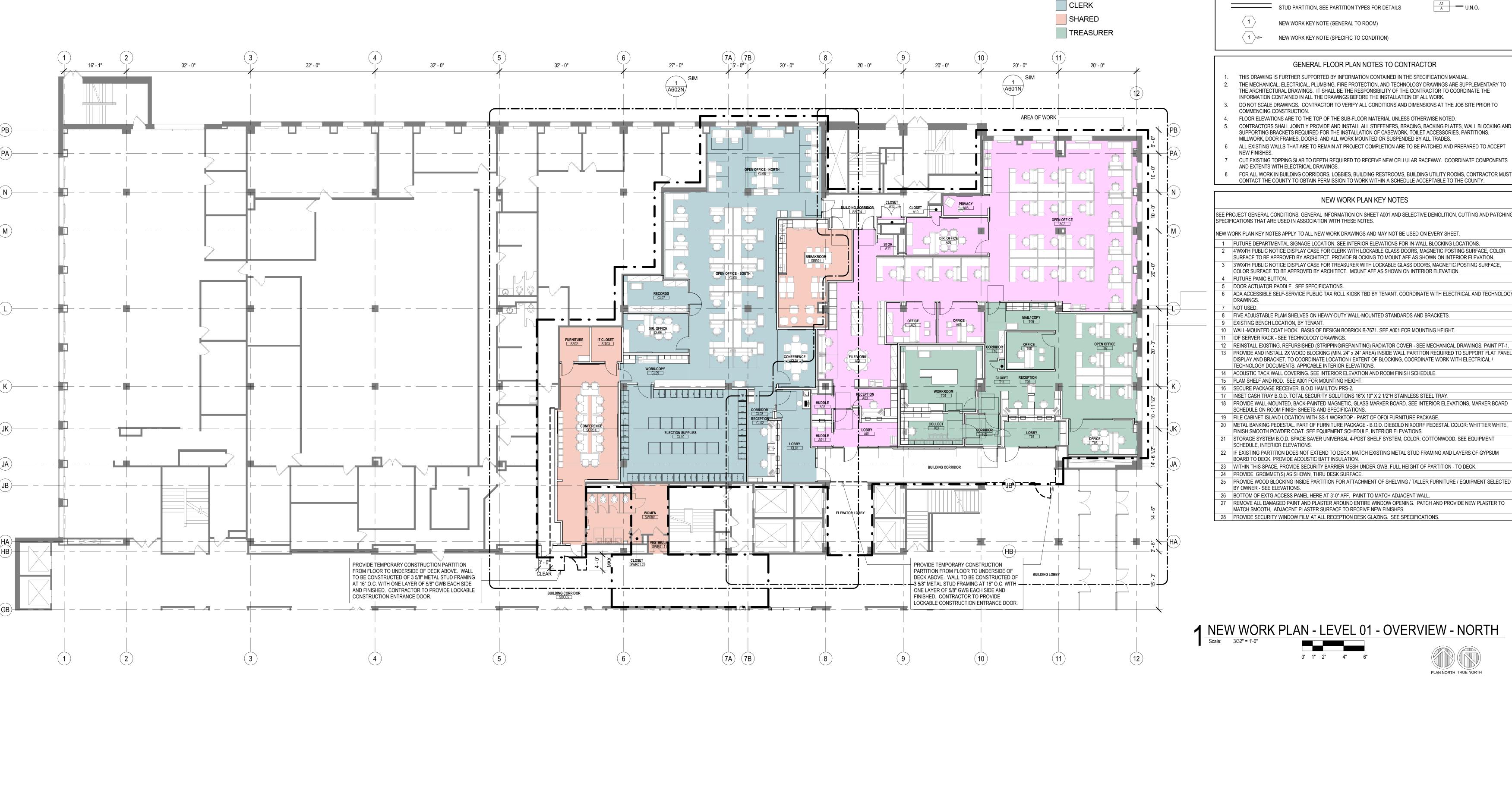
CONSULTANTS:

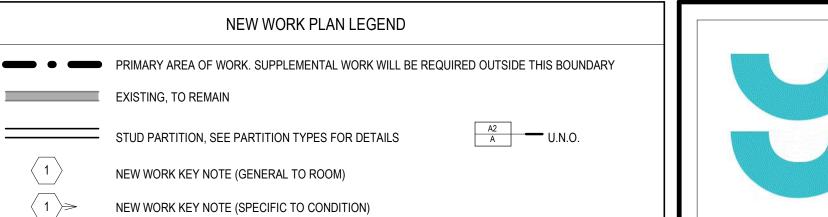
AREAS OF WORK

LEVEL 01 - NORTH LEVEL 05 - NORTH

2 CCB

REVISIONS:





GENERAL FLOOR PLAN NOTES TO CONTRACTOR

THIS DRAWING IS FURTHER SUPPORTED BY INFORMATION CONTAINED IN THE SPECIFICATION MANUAL. THE MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND TECHNOLOGY DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE

3. DO NOT SCALE DRAWINGS. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO

FLOOR ELEVATIONS ARE TO THE TOP OF THE SUB-FLOOR MATERIAL UNLESS OTHERWISE NOTED. 5. CONTRACTORS SHALL JOINTLY PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACKING PLATES, WALL BLOCKING AND

ALL EXISTING WALLS THAT ARE TO REMAIN AT PROJECT COMPLETION ARE TO BE PATCHED AND PREPARED TO ACCEPT

AND EXTENTS WITH ELECTRICAL DRAWINGS. 8 FOR ALL WORK IN BUILDING CORRIDORS, LOBBIES, BUILDING RESTROOMS, BUILDING UTILITY ROOMS, CONTRACTOR MUST

NEW WORK PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET. FUTURE DEPARTMENTAL SIGNAGE LOCATION. SEE INTERIOR ELEVATIONS FOR IN-WALL BLOCKING LOCATIONS.

SURFACE TO BE APPROVED BY ARCHITECT. PROVIDE BLOCKING TO MOUNT AFF AS SHOWN ON INTERIOR ELEVATION. 3'WX4'H PUBLIC NOTICE DISPLAY CASE FOR TREASURER WITH LOCKABLE GLASS DOORS, MAGNETIC POSTING SURFACE, COLOR SURFACE TO BE APPROVED BY ARCHITECT. MOUNT AFF AS SHOWN ON INTERIOR ELEVATION.

DOOR ACTUATOR PADDLE. SEE SPECIFICATIONS.

DEPARTMENT LEGEND

ASSESSOR

FIVE ADJUSTABLE PLAM SHELVES ON HEAVY-DUTY WALL-MOUNTED STANDARDS AND BRACKETS.

10 WALL-MOUNTED COAT HOOK. BASIS OF DESIGN BOBRICK B-7671. SEE A001 FOR MOUNTING HEIGHT.

REINSTALL EXISTING, REFURBISHED (STRIPPING/REPAINTING) RADIATOR COVER - SEE MECHANICAL DRAWINGS. PAINT PT-1. PROVIDE AND INSTALL 2X WOOD BLOCKING (MIN. 24" x 24" AREA) INSIDE WALL PARTITON REQUIRED TO SUPPORT FLAT PANEL

DISPLAY AND BRACKET. TO COORDINATE LOCATION / EXTENT OF BLOCKING, COORDINATE WORK WITH ELECTRICAL / TECHNOLOGY DOCUMENTS, APPICABLE INTERIOR ELEVATIONS.

15 PLAM SHELF AND ROD. SEE A001 FOR MOUNTING HEIGHT.

7 INSET CASH TRAY B.O.D. TOTAL SECURITY SOLUTIONS 16"X 10" X 2 1/2"H STAINLESS STEEL TRAY. 18 PROVIDE WALL-MOUNTED, BACK-PAINTED MAGNETIC, GLASS MARKER BOARD. SEE INTERIOR ELEVATIONS, MARKER BOARD

9 | FILE CABINET ISLAND LOCATION WITH SS-1 WORKTOP - PART OF OFOI FURNITURE PACKAGE. METAL BANKING PEDESTAL. PART OF FURNITURE PACKAGE - B.O.D. DIEBOLD NIXDORF PEDESTAL COLOR: WHITTIER WHITE,

FINISH SMOOTH POWDER COAT. SEE EQUIPMENT SCHEDULE, INTERIOR ELEVATIONS. STORAGE SYSTEM B.O.D. SPACE SAVER UNIVERSAL 4-POST SHELF SYSTEM, COLOR: COTTONWOOD. SEE EQUIPMENT

IF EXISTING PARTITION DOES NOT EXTEND TO DECK, MATCH EXISTING METAL STUD FRAMING AND LAYERS OF GYPSUM BOARD TO DECK. PROVIDE ACOUSTIC BATT INSULATION.

WITHIN THIS SPACE, PROVIDE SECURITY BARRIER MESH UNDER GWB, FULL HEIGHT OF PARTITION - TO DECK. 24 PROVIDE GROMMET(S) AS SHOWN, THRU DESK SURFACE.

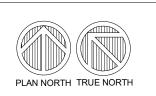
25 PROVIDE WOOD BLOCKING INSIDE PARTITION FOR ATTACHMENT OF SHELVING / TALLER FURNITURE / EQUIPMENT SELECTED 26 BOTTOM OF EXTG ACCESS PANEL HERE AT 3'-0" AFF. PAINT TO MATCH ADJACENT WALL.

27 REMOVE ALL DAMAGED PAINT AND PLASTER AROUND ENTIRE WINDOW OPENING. PATCH AND PROVIDE NEW PLASTER TO MATCH SMOOTH, ADJACENT PLASTER SURFACE TO RECEIVE NEW FINISHES.

28 PROVIDE SECURITY WINDOW FILM AT ALL RECEPTION DESK GLAZING. SEE SPECIFICATIONS.

NEW WORK PLAN - LEVEL 01 - OVERVIEW - NORTH

Scale: 3/32" = 1'-0"



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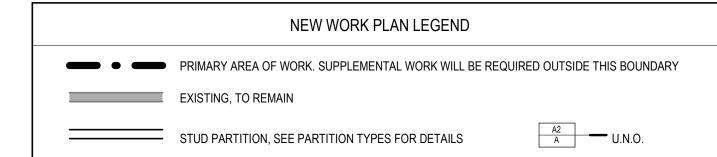
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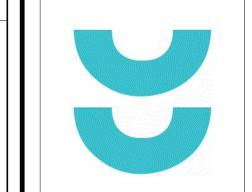
LEVEL 01 - NORTH LEVEL 05 - NORTH **AREAS OF WORK**

REVISIONS:





NEW WORK KEY NOTE (GENERAL TO ROOM)



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GENERAL FLOOR PLAN NOTES TO CONTRACTOR

THIS DRAWING IS FURTHER SUPPORTED BY INFORMATION CONTAINED IN THE SPECIFICATION MANUAL.

NEW WORK KEY NOTE (SPECIFIC TO CONDITION)

THE MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND TECHNOLOGY DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE INFORMATION CONTAINED IN ALL THE DRAWINGS BEFORE THE INSTALLATION OF ALL WORK.

3. DO NOT SCALE DRAWINGS. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING CONSTRUCTION. FLOOR ELEVATIONS ARE TO THE TOP OF THE SUB-FLOOR MATERIAL UNLESS OTHERWISE NOTED.

5. CONTRACTORS SHALL JOINTLY PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACKING PLATES, WALL BLOCKING AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF CASEWORK, TOILET ACCESSORIES, PARTITIONS.

MILLWORK, DOOR FRAMES, DOORS, AND ALL WORK MOUNTED OR SUSPENDED BY ALL TRADES. 6 ALL EXISTING WALLS THAT ARE TO REMAIN AT PROJECT COMPLETION ARE TO BE PATCHED AND PREPARED TO ACCEPT NEW FINISHES.

CUT EXISTING TOPPING SLAB TO DEPTH REQUIRED TO RECEIVE NEW CELLULAR RACEWAY. COORDINATE COMPONENTS AND EXTENTS WITH ELECTRICAL DRAWINGS. 8 FOR ALL WORK IN BUILDING CORRIDORS, LOBBIES, BUILDING RESTROOMS, BUILDING UTILITY ROOMS, CONTRACTOR MUST CONTACT THE COUNTY TO OBTAIN PERMISSION TO WORK WITHIN A SCHEDULE ACCEPTABLE TO THE COUNTY.

NEW WORK PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

SURFACE TO BE APPROVED BY ARCHITECT. PROVIDE BLOCKING TO MOUNT AFF AS SHOWN ON INTERIOR ELEVATION.

ADA ACCESSIBLE SELF-SERVICE PUBLIC TAX ROLL KIOSK TBD BY TENANT. COORDINATE WITH ELECTRICAL AND TECHNOLOGY

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

FUTURE DEPARTMENTAL SIGNAGE LOCATION. SEE INTERIOR ELEVATIONS FOR IN-WALL BLOCKING LOCATIONS. 4'WX4'H PUBLIC NOTICE DISPLAY CASE FOR CLERK WITH LOCKABLE GLASS DOORS, MAGNETIC POSTING SURFACE, COLOR

3'WX4'H PUBLIC NOTICE DISPLAY CASE FOR TREASURER WITH LOCKABLE GLASS DOORS, MAGNETIC POSTING SURFACE, COLOR SURFACE TO BE APPROVED BY ARCHITECT. MOUNT AFF AS SHOWN ON INTERIOR ELEVATION. FUTURE PANIC BUTTON.

5 DOOR ACTUATOR PADDLE. SEE SPECIFICATIONS.

DEPARTMENT LEGEND

COMMON COUNCIL

NOT USED. FIVE ADJUSTABLE PLAM SHELVES ON HEAVY-DUTY WALL-MOUNTED STANDARDS AND BRACKETS.

9 EXISTING BENCH LOCATION, BY TENANT.

10 WALL-MOUNTED COAT HOOK. BASIS OF DESIGN BOBRICK B-7671. SEE A001 FOR MOUNTING HEIGHT.

11 IDF SERVER RACK - SEE TECHNOLOGY DRAWINGS. REINSTALL EXISTING, REFURBISHED (STRIPPING/REPAINTING) RADIATOR COVER - SEE MECHANICAL DRAWINGS. PAINT PT-1.

PROVIDE AND INSTALL 2X WOOD BLOCKING (MIN. 24" x 24" AREA) INSIDE WALL PARTITON REQUIRED TO SUPPORT FLAT PANEL DISPLAY AND BRACKET. TO COORDINATE LOCATION / EXTENT OF BLOCKING, COORDINATE WORK WITH ELECTRICAL / TECHNOLOGY DOCUMENTS, APPICABLE INTERIOR ELEVATIONS.

ACOUSTIC TACK WALL COVERING. SEE INTERIOR ELEVATION AND ROOM FINISH SCHEDULE. 15 PLAM SHELF AND ROD. SEE A001 FOR MOUNTING HEIGHT.

16 SECURE PACKAGE RECEIVER. B.O.D HAMILTON PRS-2.

17 INSET CASH TRAY B.O.D. TOTAL SECURITY SOLUTIONS 16"X 10" X 2 1/2"H STAINLESS STEEL TRAY. 18 PROVIDE WALL-MOUNTED, BACK-PAINTED MAGNETIC, GLASS MARKER BOARD. SEE INTERIOR ELEVATIONS, MARKER BOARD SCHEDULE ON ROOM FINISH SHEETS AND SPECIFICATIONS.

19 | FILE CABINET ISLAND LOCATION WITH SS-1 WORKTOP - PART OF OFOI FURNITURE PACKAGE.

20 METAL BANKING PEDESTAL. PART OF FURNITURE PACKAGE - B.O.D. DIEBOLD NIXDORF PEDESTAL COLOR: WHITTIER WHITE, FINISH SMOOTH POWDER COAT. SEE EQUIPMENT SCHEDULE, INTERIOR ELEVATIONS.

STORAGE SYSTEM B.O.D. SPACE SAVER UNIVERSAL 4-POST SHELF SYSTEM, COLOR: COTTONWOOD. SEE EQUIPMENT SCHEDULE, INTERIOR ELEVATIONS.

22 | IF EXISTING PARTITION DOES NOT EXTEND TO DECK, MATCH EXISTING METAL STUD FRAMING AND LAYERS OF GYPSUM BOARD TO DECK. PROVIDE ACOUSTIC BATT INSULATION. 3 WITHIN THIS SPACE, PROVIDE SECURITY BARRIER MESH UNDER GWB, FULL HEIGHT OF PARTITION - TO DECK.

24 PROVIDE GROMMET(S) AS SHOWN, THRU DESK SURFACE. 25 PROVIDE WOOD BLOCKING INSIDE PARTITION FOR ATTACHMENT OF SHELVING / TALLER FURNITURE / EQUIPMENT SELECTED

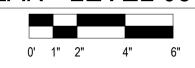
BY OWNER - SEE ELEVATIONS. 26 BOTTOM OF EXTG ACCESS PANEL HERE AT 3'-0" AFF. PAINT TO MATCH ADJACENT WALL.

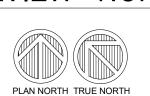
27 REMOVE ALL DAMAGED PAINT AND PLASTER AROUND ENTIRE WINDOW OPENING. PATCH AND PROVIDE NEW PLASTER TO MATCH SMOOTH, ADJACENT PLASTER SURFACE TO RECEIVE NEW FINISHES.

28 PROVIDE SECURITY WINDOW FILM AT ALL RECEPTION DESK GLAZING. SEE SPECIFICATIONS.

NEW WORK PLAN - LEVEL 05 - OVERVIEW - NORTH

Scale: 3/32" = 1'-0"



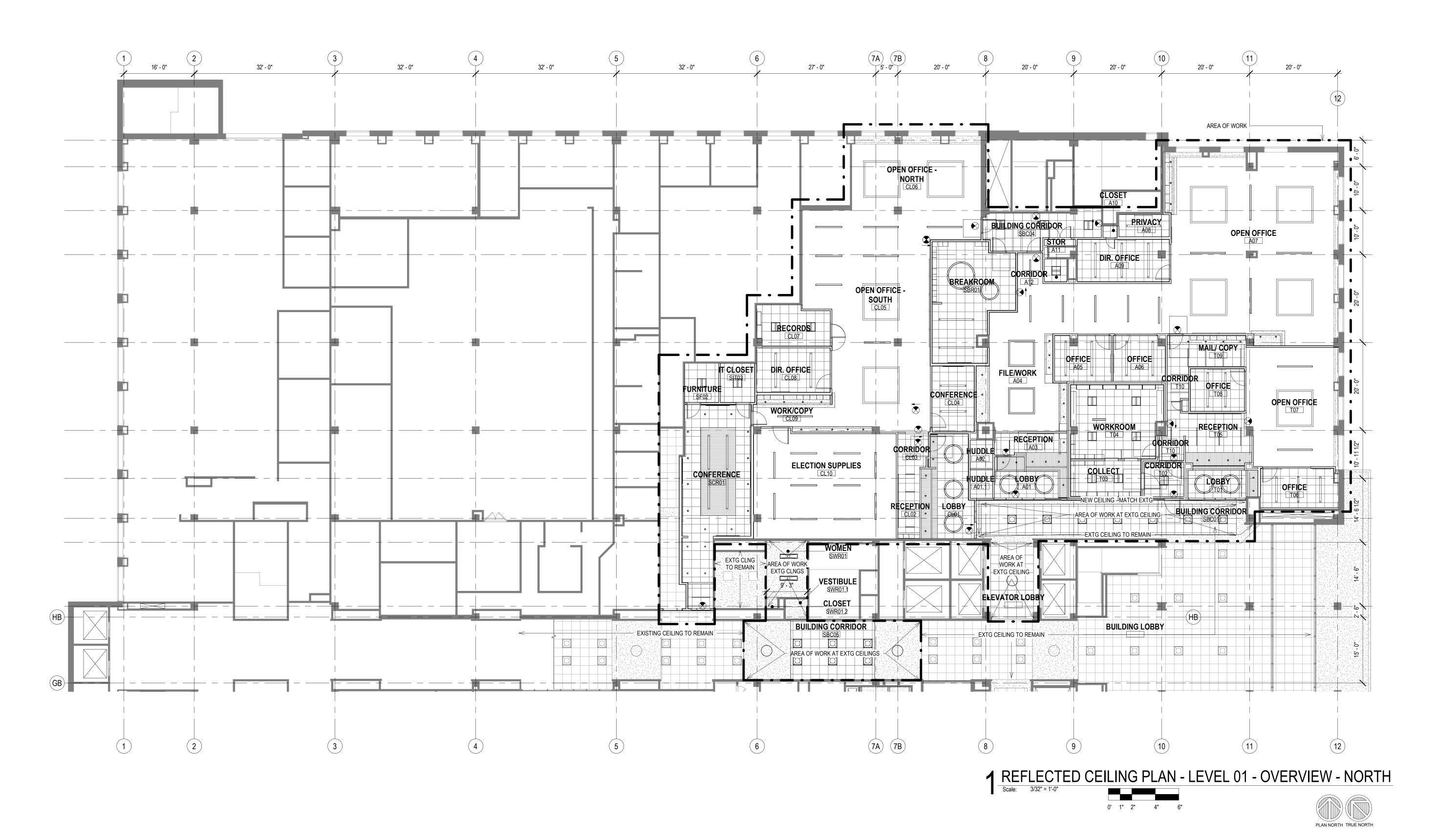


AREAS OF WORK

LEVEL 01 - NORTH LEVEL 05 - NORTH

PHASE 2 CCB CITY (FIFTH FLOORS

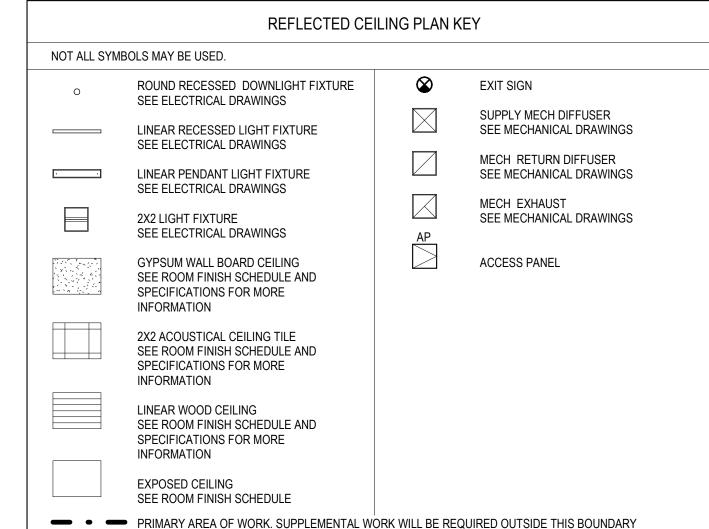
REVISIONS:



GENERAL REFLECTED CEILING PLAN NOTES TO CONTRACTOR

- THIS PLAN SHALL BE USED TO ESTABLISH THE LOCATIONS OF THE MAJOR CEILING PENETRATIONS INCLUDING: LIGHTING, HVAC, ACCESS PANEL, SPRINKLERS, SPEAKERS, ETC. SEE MEPFP DRAWINGS FOR MORE SPECIFIC INFORMATION REGARDING EACH DISCIPLINE. IF CONFLICTS ARE DISCOVERED REGARDING LOCATION OF CEILING PENETRATIONS, CONTACT ARCHITECT FOR FURTHER INFORMATION.
- ALL DEVICES SHOWN IN CEILING TILE SHALL BE LOCATED IN THE CENTER OF THAT TILE UNLESS OTHERWISE NOTED. ALL DIMENSIONS TO CEILING FIXTURES ARE TO CENTER OF FIXTURE UNLESS NOTED OTHERWISE. FOR ALL WORK IN BUILDING CORRIDORS, LOBBIES, BUILDING RESTROOMS, BUILDING UTILITY ROOMS, CONTRACTOR MUST
- CONTACT THE COUNTY TO OBTAIN PERMISSION TO WORK WITHIN A SCHEDULE ACCEPTABLE TO THE COUNTY. FOR ALL WORK IN BUILDING CORRIDORS, LOBBIES, BUILDING RESTROOMS, BUILDING UTILITY ROOMS, CONTRACTOR MUST

CONTACT THE COUNTY TO OBTAIN PERMISSION TO WORK WITHIN A SCHEDULE ACCEPTABLE TO THE COUNTY.

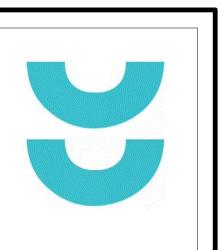


REFLECTED CEILING PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

REFLECTED CEILING PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET. 1A MANUALLY OPERATED ROLLER SHADE RS-1 (HEAVY DASHED LINE) - REFER TO ROOM FINISH SCHEDULE AND SPECIFICATION

- FOR MORE INFORMATION. 1B MANUALLY OPERATED ROLLER SHADE RS-2 (HEAVY DASHED LINE) - REFER TO ROOM FINISH SCHEDULE AND SPECIFICATION
- FOR MORE INFORMATION. PATCH AND PAINT EXISITNG SOFFIT, ADJACENT COLUMN AND WALL AROUND ENTIRE WINDOW OPENING.
- 3 CEILING OPEN TO DECK ABOVE, FINISH DECK WITH ACOUSTIC SPRAY-ON INSULATION. SEE SPECIFICATION. 4 CEILING OPEN TO DECK ABOVE, PAINT PT-1.
- 5 PROVIDE ECOTOUCH KRAFT FACED INSULATION ABOVE FULL CEILING IN ROOM A08.
- 5A WITHIN DASHED LINES, REINSTALL ALL RETAINED EXISTING CEILING TILE, GRID, HANGERS, LIGHT FIXTURES, AND ALL CEILING
- 5B WITHIN DASHED LINES, REINSTALL FORMER PLASTER/GYPSUM CEILING AND REINSTALL ALL RETAINED EXISTING CEILING TILE, GRID, HANGERS, LIGHT FIXTURES, AND ALL CEILING ACESSORIES. EXTEND 5/8" GWB AND 2 ½" METAL STUD FRAMING @ 16" O.C. FROM TOP OF PLASTER WALL FURRING TO UNDERSIDE OF
- STRUCTURAL DECK. EXTEND 5/8" GWB LAMINATED TO COLUMN OR WITH METAL STUD FRAMING FROM TOP OF EXISTING PLASTER FINISH TO
- UNDERSIDE OF STRUCTURAL DECK ABOVE. SEAL THE EXISTING DUCTWORK PENETRATIONS THROUGH SHAFT.
- ADD 5/8" LAYER GWB ON TOP OF EXISTING PARTITION FRAMING TO UNDERSIDE OF STRUCTURAL DECK, TYP AT ALL DEMINSING WALLS NOT DESIGNATED WITH ALTERNATE FURRING. ACOUSTICALLY SEAL ALL PENETRATIONS AND PROVIDE ACOUSTICAL BATT INSULATION WHERE MISSING.



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CONSULTANTS:

LEVEL 01 - NORTH LEVEL 05 - NORTH AREAS OF WORK

PHASE 2 CCB CITY (FIFTH FLOORS

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Scale: 3/32" = 1'-0"

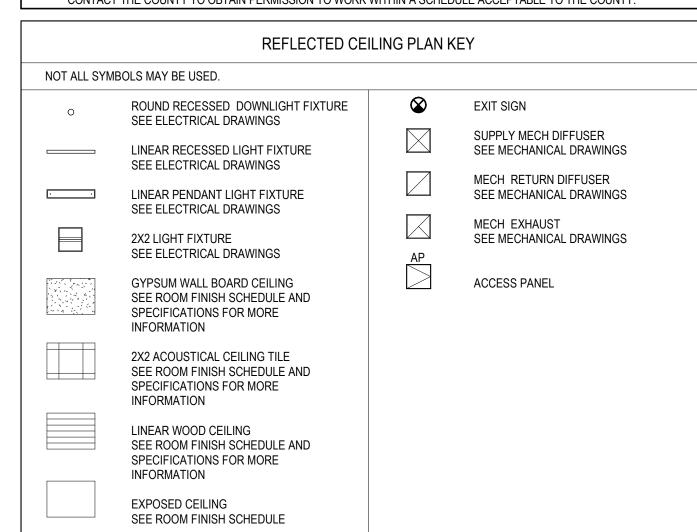
0' 1" 2" 4" 6"

PLAN NORTH TRUE NORTH

GENERAL REFLECTED CEILING PLAN NOTES TO CONTRACTOR

- THIS PLAN SHALL BE USED TO ESTABLISH THE LOCATIONS OF THE MAJOR CEILING PENETRATIONS INCLUDING: LIGHTING, HVAC, ACCESS PANEL, SPRINKLERS, SPEAKERS, ETC. SEE MEPFP DRAWINGS FOR MORE SPECIFIC INFORMATION REGARDING EACH DISCIPLINE. IF CONFLICTS ARE DISCOVERED REGARDING LOCATION OF CEILING PENETRATIONS, CONTACT ARCHITECT FOR FURTHER INFORMATION.
- ALL DEVICES SHOWN IN CEILING TILE SHALL BE LOCATED IN THE CENTER OF THAT TILE UNLESS OTHERWISE NOTED. ALL DIMENSIONS TO CEILING FIXTURES ARE TO CENTER OF FIXTURE UNLESS NOTED OTHERWISE. FOR ALL WORK IN BUILDING CORRIDORS, LOBBIES, BUILDING RESTROOMS, BUILDING UTILITY ROOMS, CONTRACTOR MUST
- CONTACT THE COUNTY TO OBTAIN PERMISSION TO WORK WITHIN A SCHEDULE ACCEPTABLE TO THE COUNTY. FOR ALL WORK IN BUILDING CORRIDORS, LOBBIES, BUILDING RESTROOMS, BUILDING UTILITY ROOMS, CONTRACTOR MUST

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REFLECTED CEILING PLAN KEY NOTES

PRIMARY AREA OF WORK. SUPPLEMENTAL WORK WILL BE REQUIRED OUTSIDE THIS BOUNDARY

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

REFLECTED CEILING PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET. 1A MANUALLY OPERATED ROLLER SHADE RS-1 (HEAVY DASHED LINE) - REFER TO ROOM FINISH SCHEDULE AND SPECIFICATION

- FOR MORE INFORMATION. 1B MANUALLY OPERATED ROLLER SHADE RS-2 (HEAVY DASHED LINE) - REFER TO ROOM FINISH SCHEDULE AND SPECIFICATION FOR MORE INFORMATION.
- PATCH AND PAINT EXISITNG SOFFIT, ADJACENT COLUMN AND WALL AROUND ENTIRE WINDOW OPENING. CEILING OPEN TO DECK ABOVE, FINISH DECK WITH ACOUSTIC SPRAY-ON INSULATION. SEE SPECIFICATION.
- PROVIDE ECOTOUCH KRAFT FACED INSULATION ABOVE FULL CEILING IN ROOM A08.

4 CEILING OPEN TO DECK ABOVE, PAINT PT-1.

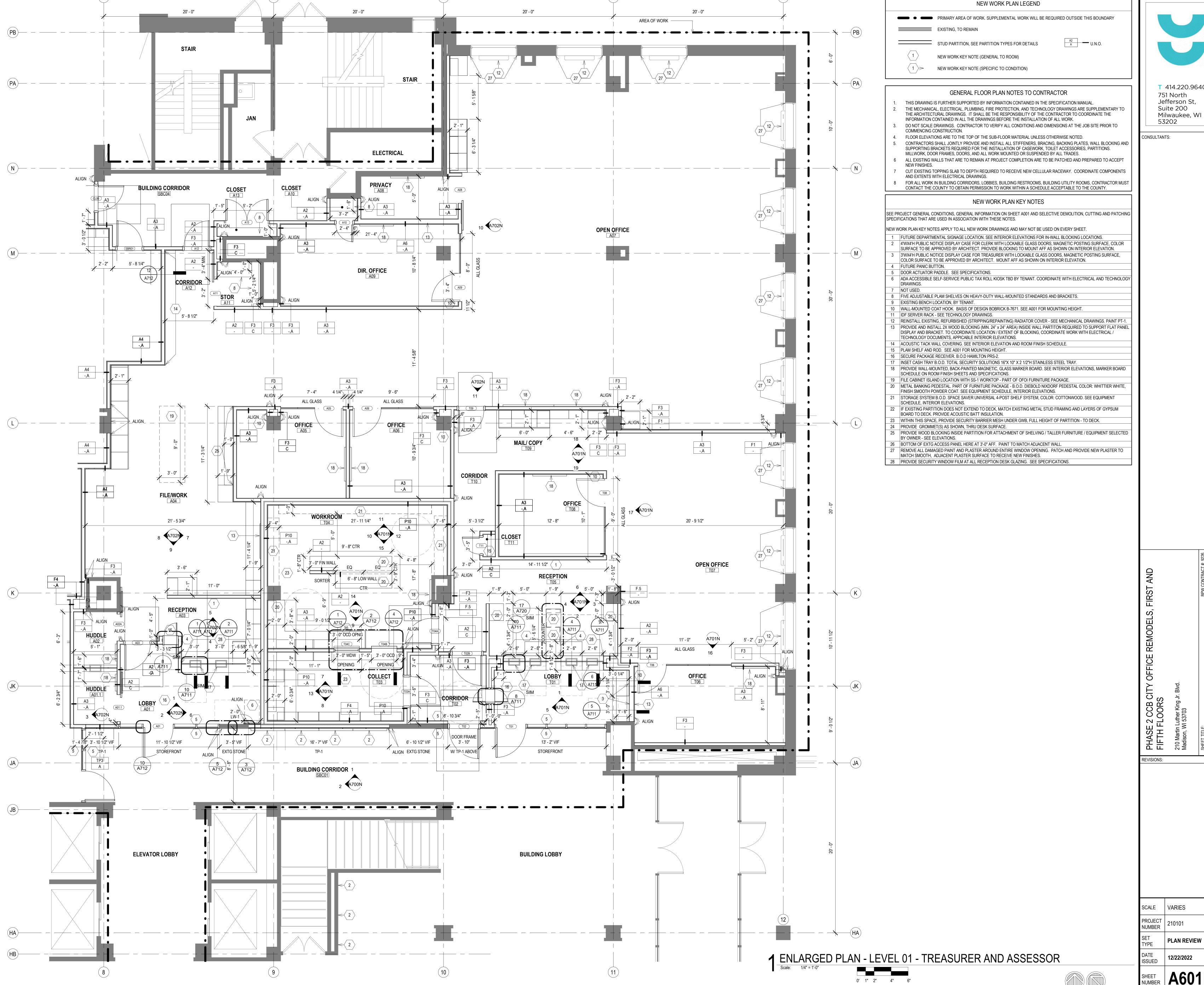
5A WITHIN DASHED LINES, REINSTALL ALL RETAINED EXISTING CEILING TILE, GRID, HANGERS, LIGHT FIXTURES, AND ALL CEILING

TILE, GRID, HANGERS, LIGHT FIXTURES, AND ALL CEILING ACESSORIES.

- ACESSORIES. 5B WITHIN DASHED LINES, REINSTALL FORMER PLASTER/GYPSUM CEILING AND REINSTALL ALL RETAINED EXISTING CEILING
- 6 EXTEND 5/8" GWB AND 2 1/2" METAL STUD FRAMING @ 16" O.C. FROM TOP OF PLASTER WALL FURRING TO UNDERSIDE OF STRUCTURAL DECK.
- EXTEND 5/8" GWB LAMINATED TO COLUMN OR WITH METAL STUD FRAMING FROM TOP OF EXISTING PLASTER FINISH TO UNDERSIDE OF STRUCTURAL DECK ABOVE.
- 8 SEAL THE EXISTING DUCTWORK PENETRATIONS THROUGH SHAFT.
- ADD 5/8" LAYER GWB ON TOP OF EXISTING PARTITION FRAMING TO UNDERSIDE OF STRUCTURAL DECK, TYP AT ALL DEMINSING WALLS NOT DESIGNATED WITH ALTERNATE FURRING. ACOUSTICALLY SEAL ALL PENETRATIONS AND PROVIDE ACOUSTICAL BATT INSULATION WHERE MISSING.

T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

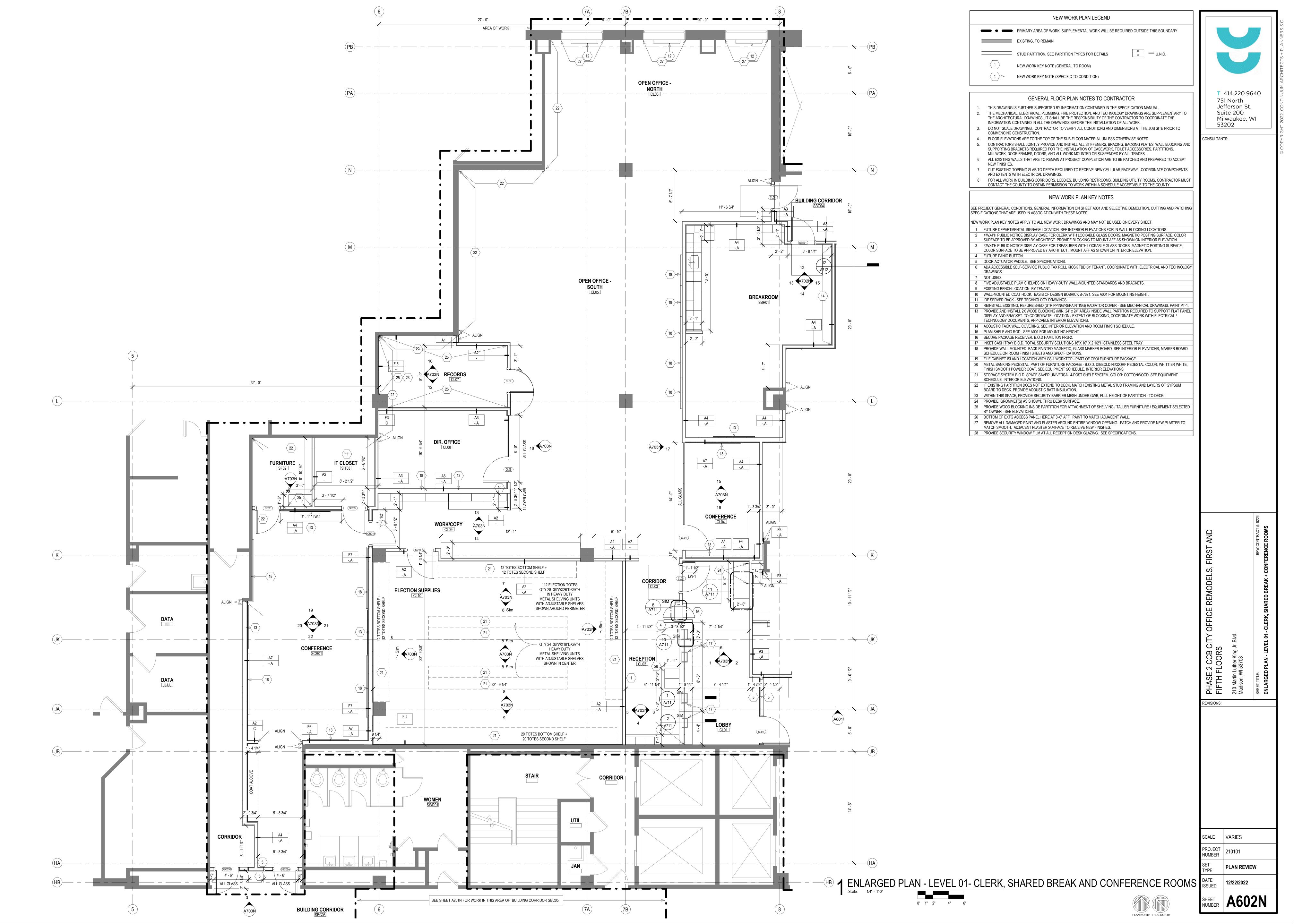
CONSULTANTS:

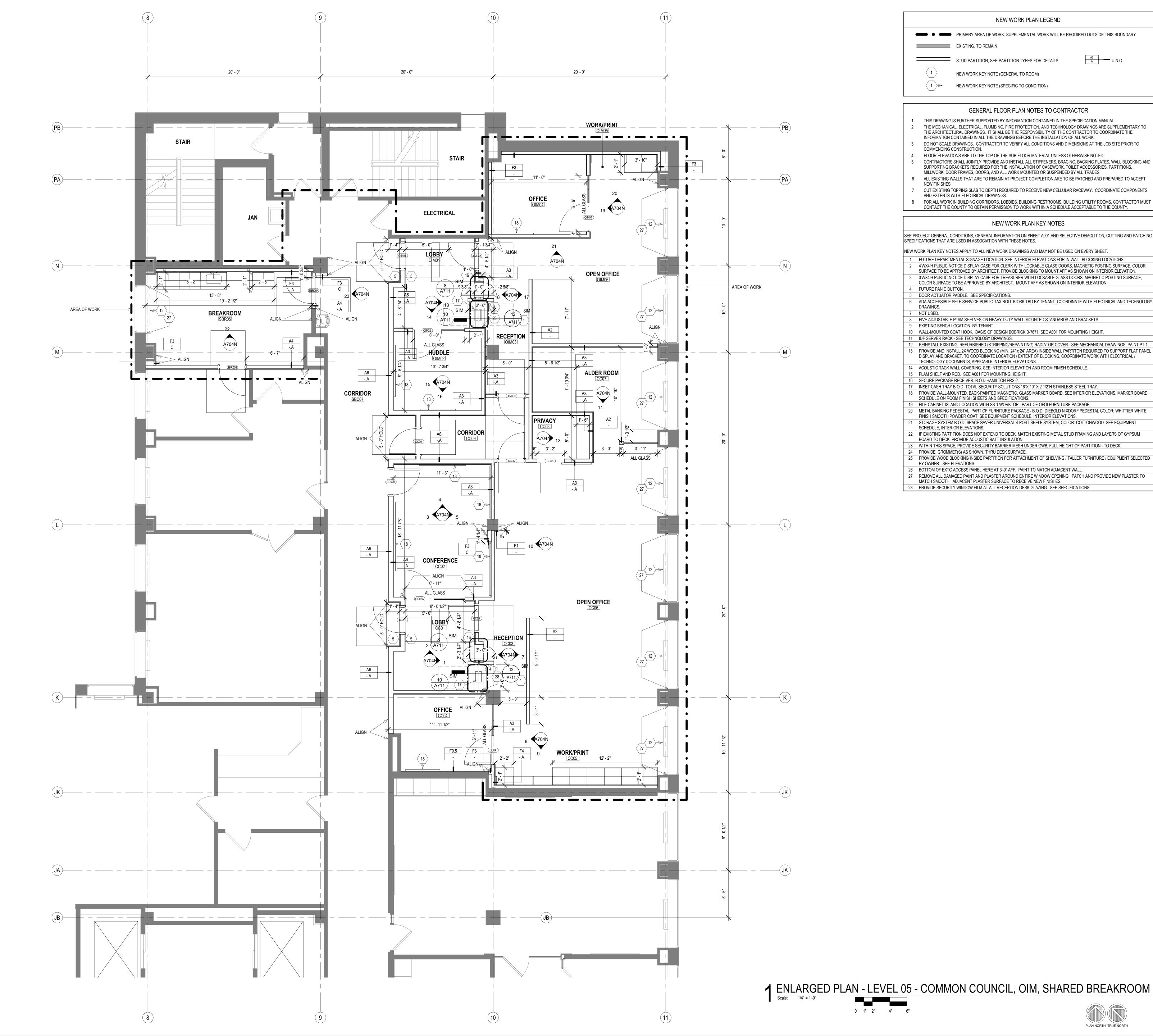


T 414.220.9640 Milwaukee, WI

PLAN NORTH TRUE NORTH

A601N





T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

CONSULTANTS:

A2 U.N.O.

SCALE

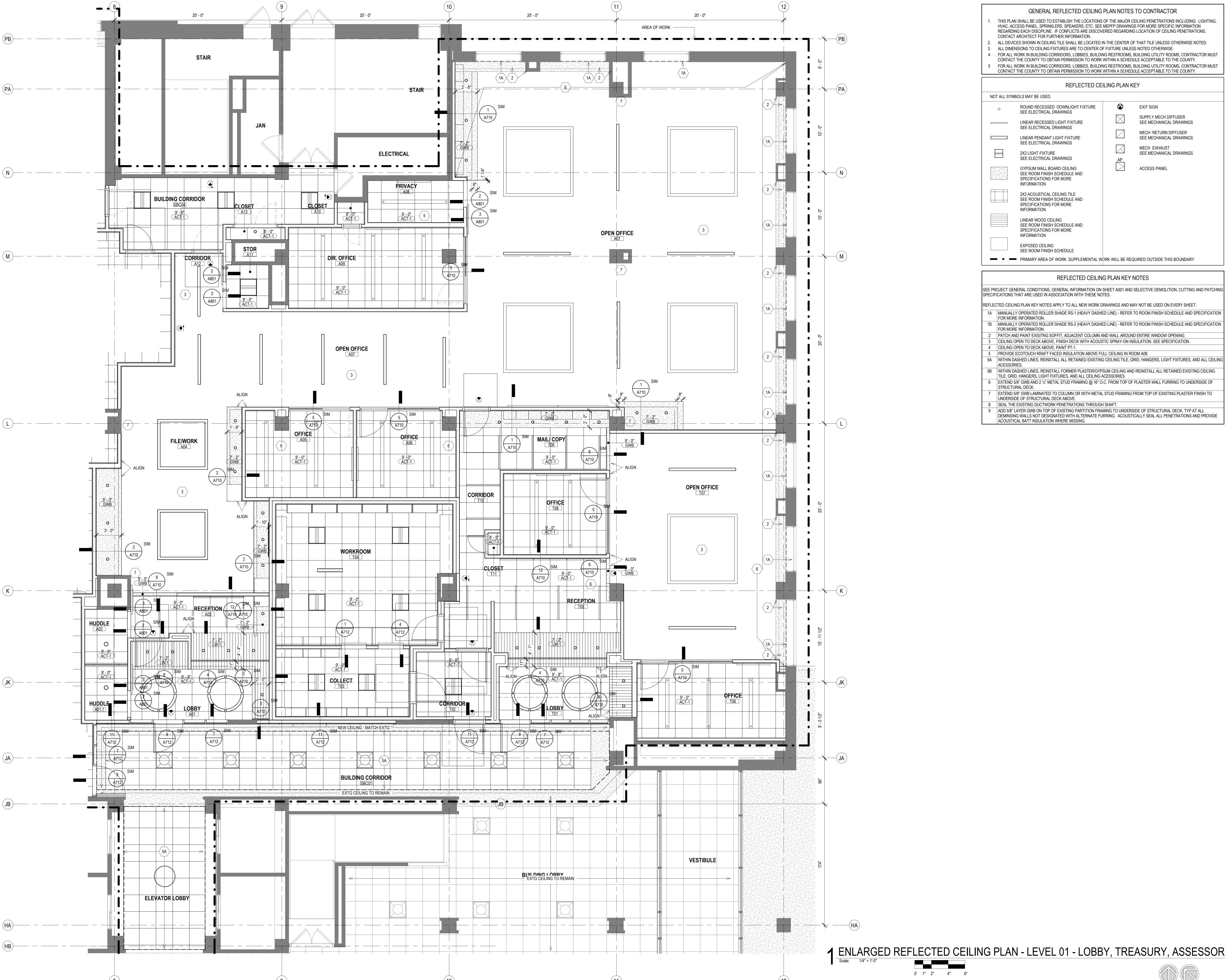
PROJECT NUMBER

PLAN REVIEW 12/22/2022

SHEET NUMBER

PLAN NORTH TRUE NORTH

A604N

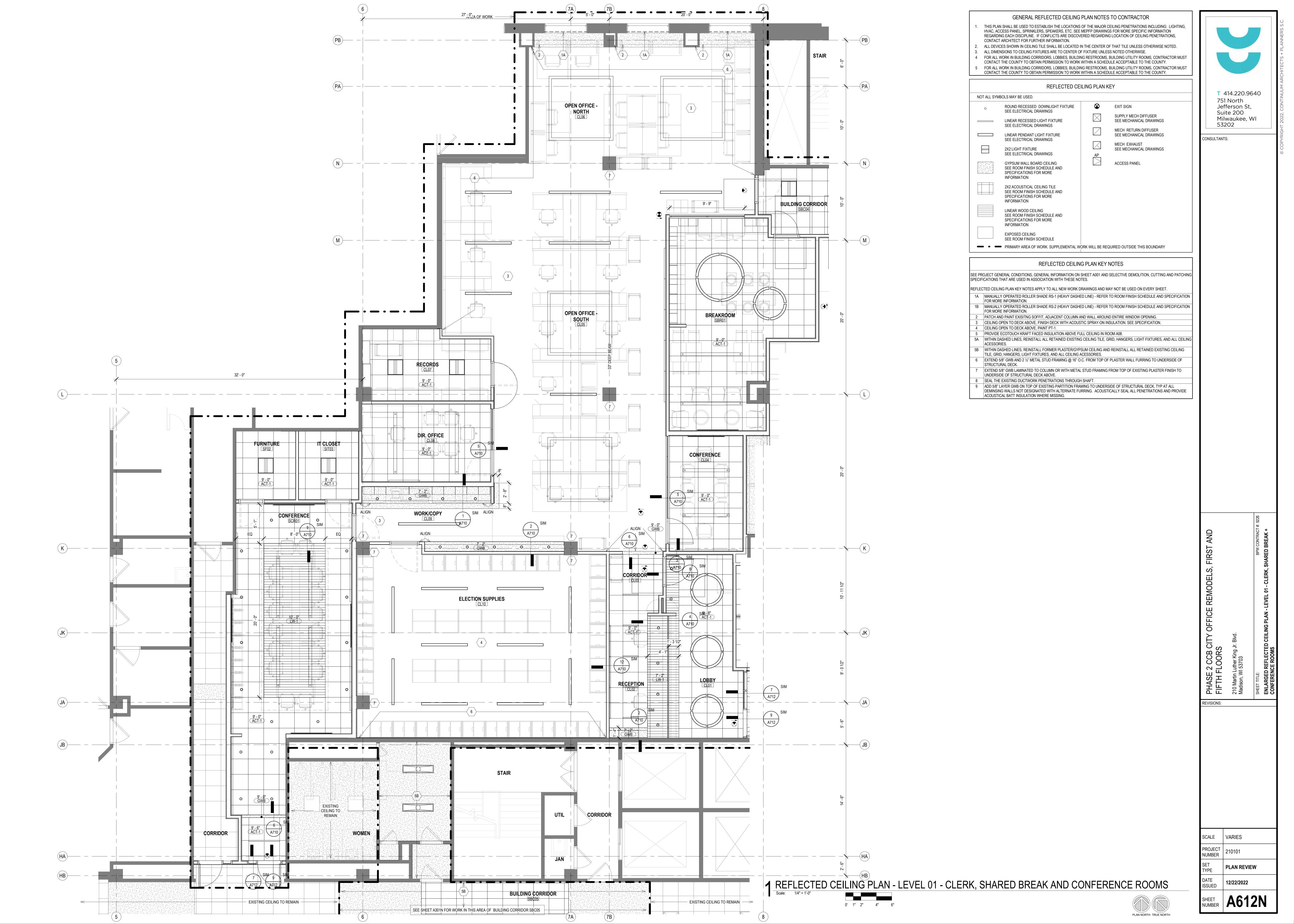


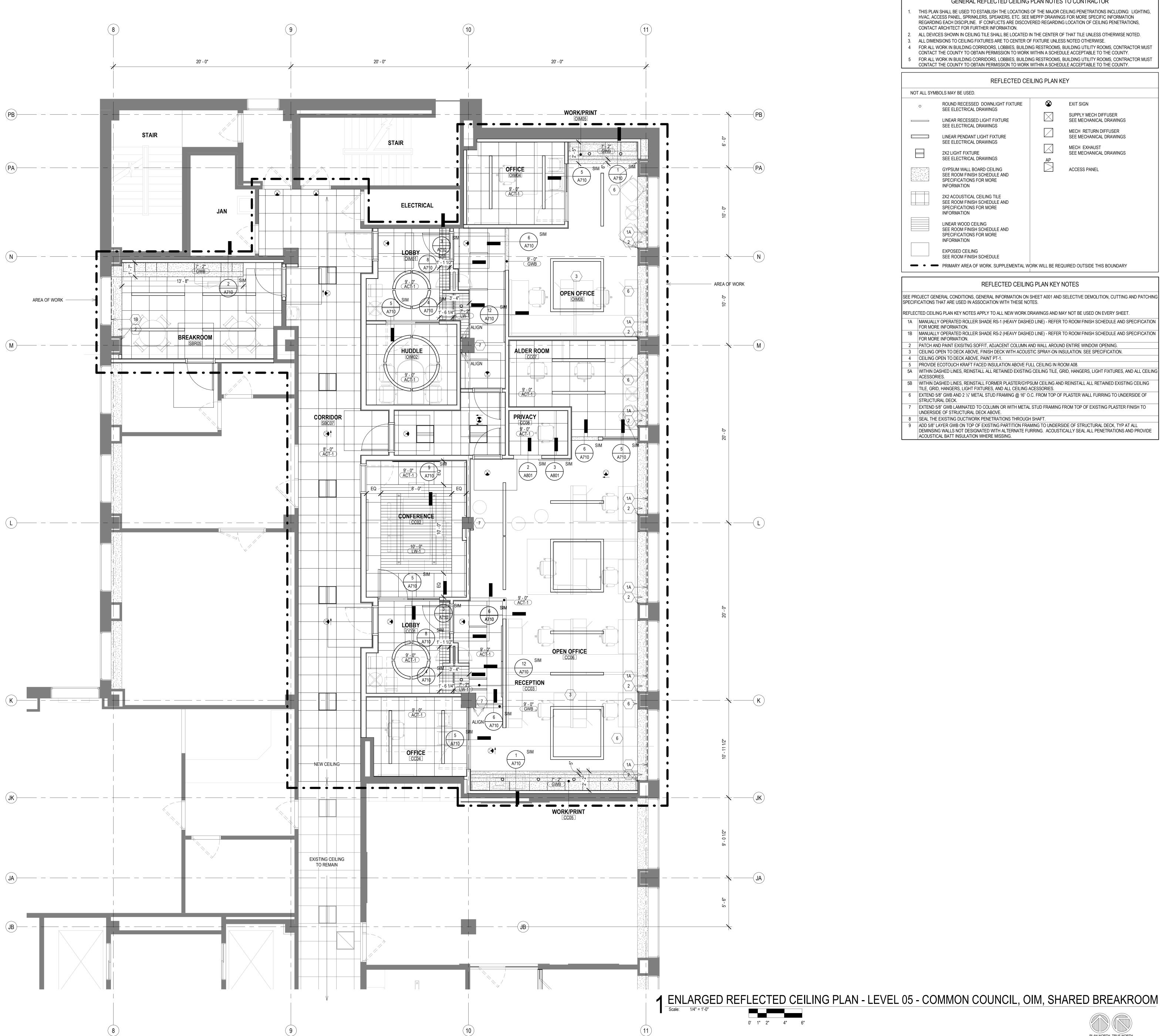
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PLAN NORTH TRUE NORTH

PLAN REVIEW SHEET A611N

PROJECT NUMBER



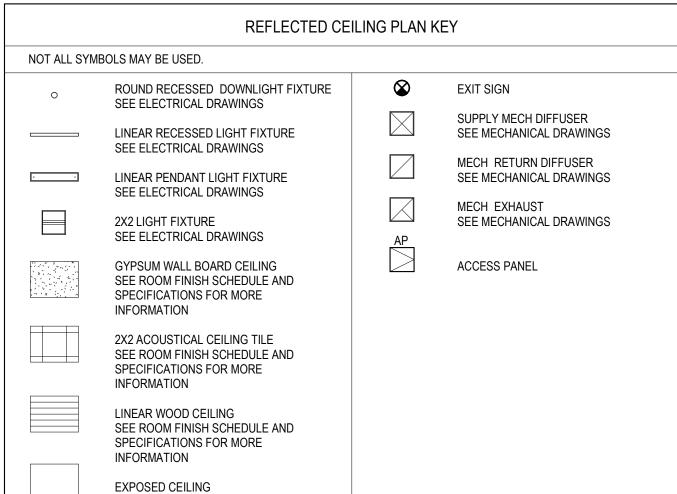


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PATCH AND PAINT EXISITNG SOFFIT, ADJACENT COLUMN AND WALL AROUND ENTIRE WINDOW OPENING. CEILING OPEN TO DECK ABOVE, FINISH DECK WITH ACOUSTIC SPRAY-ON INSULATION. SEE SPECIFICATION.

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T 414.220.9640 751 North Jefferson St, Suite 200

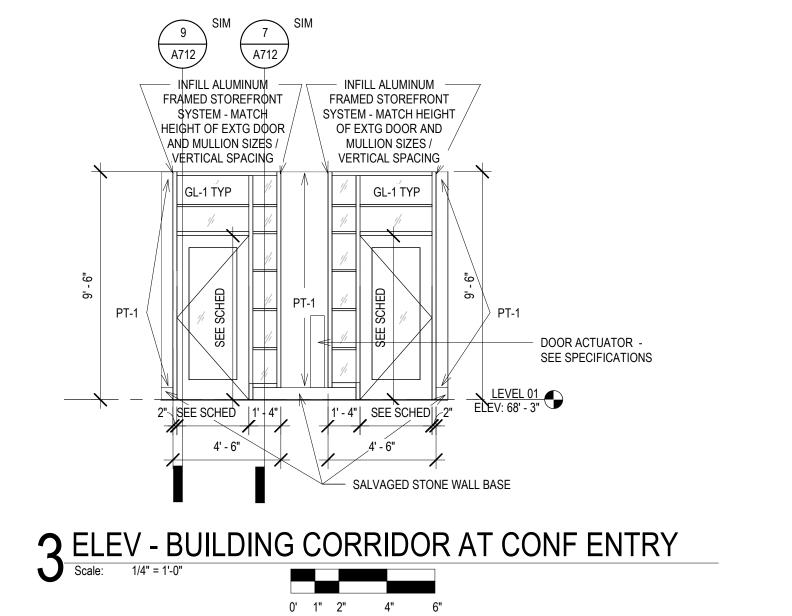
Milwaukee, WI 53202 CONSULTANTS:

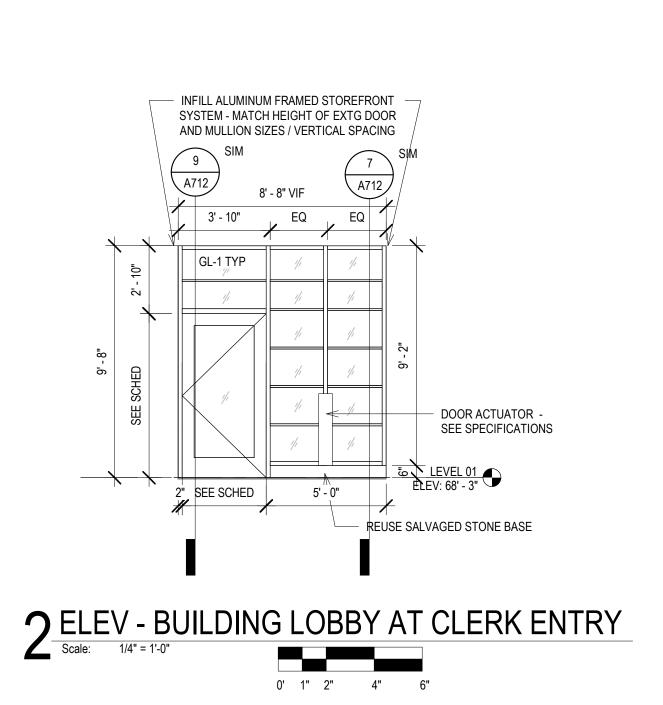
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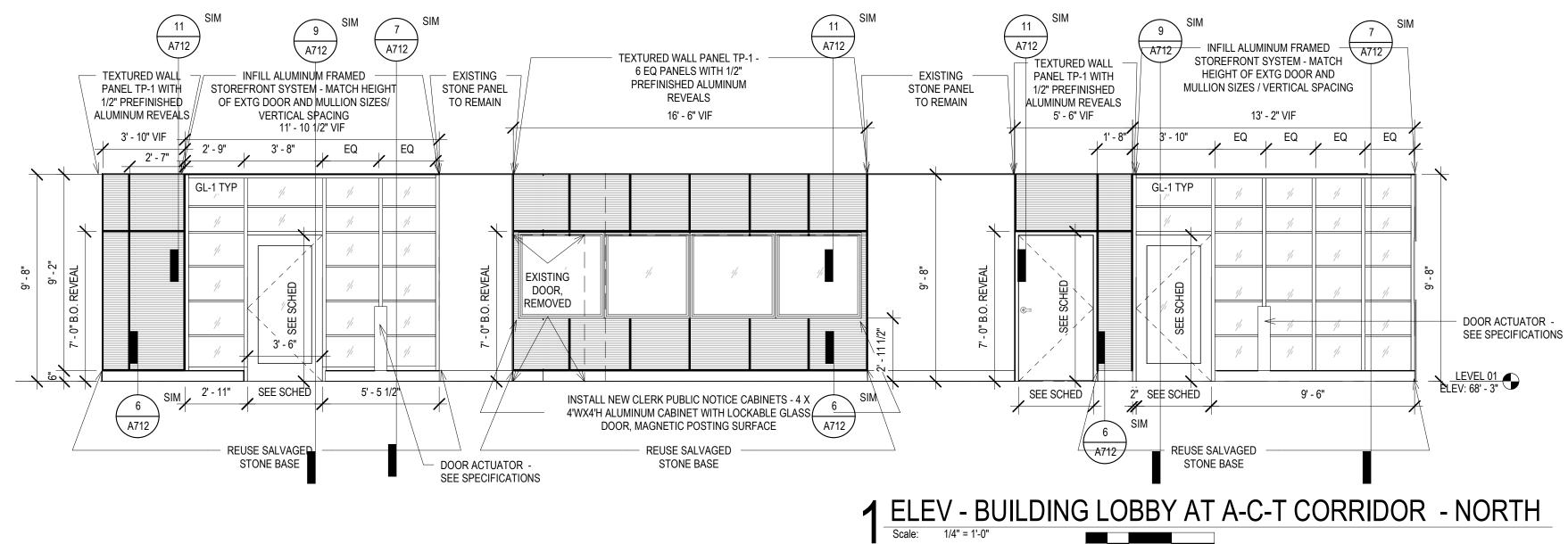
PLAN REVIEW

SHEET A614N

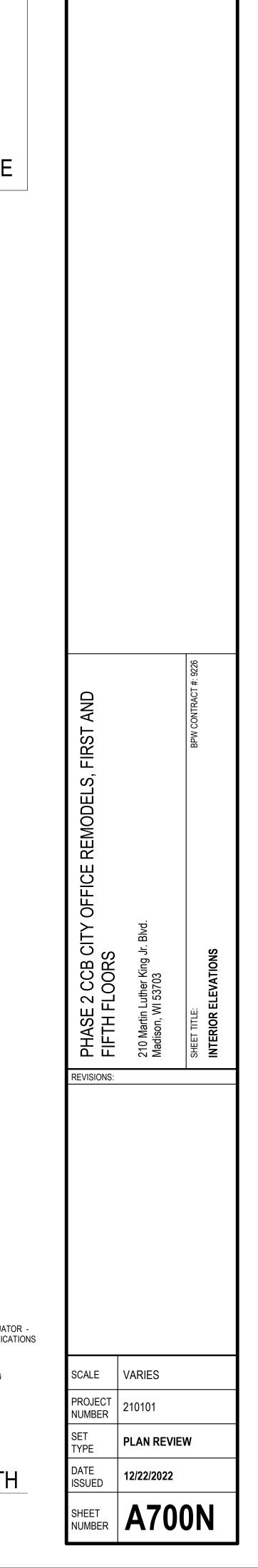
PLAN NORTH TRUE NORTH







0' 1" 2" 4" 6"



T 414.220.9640

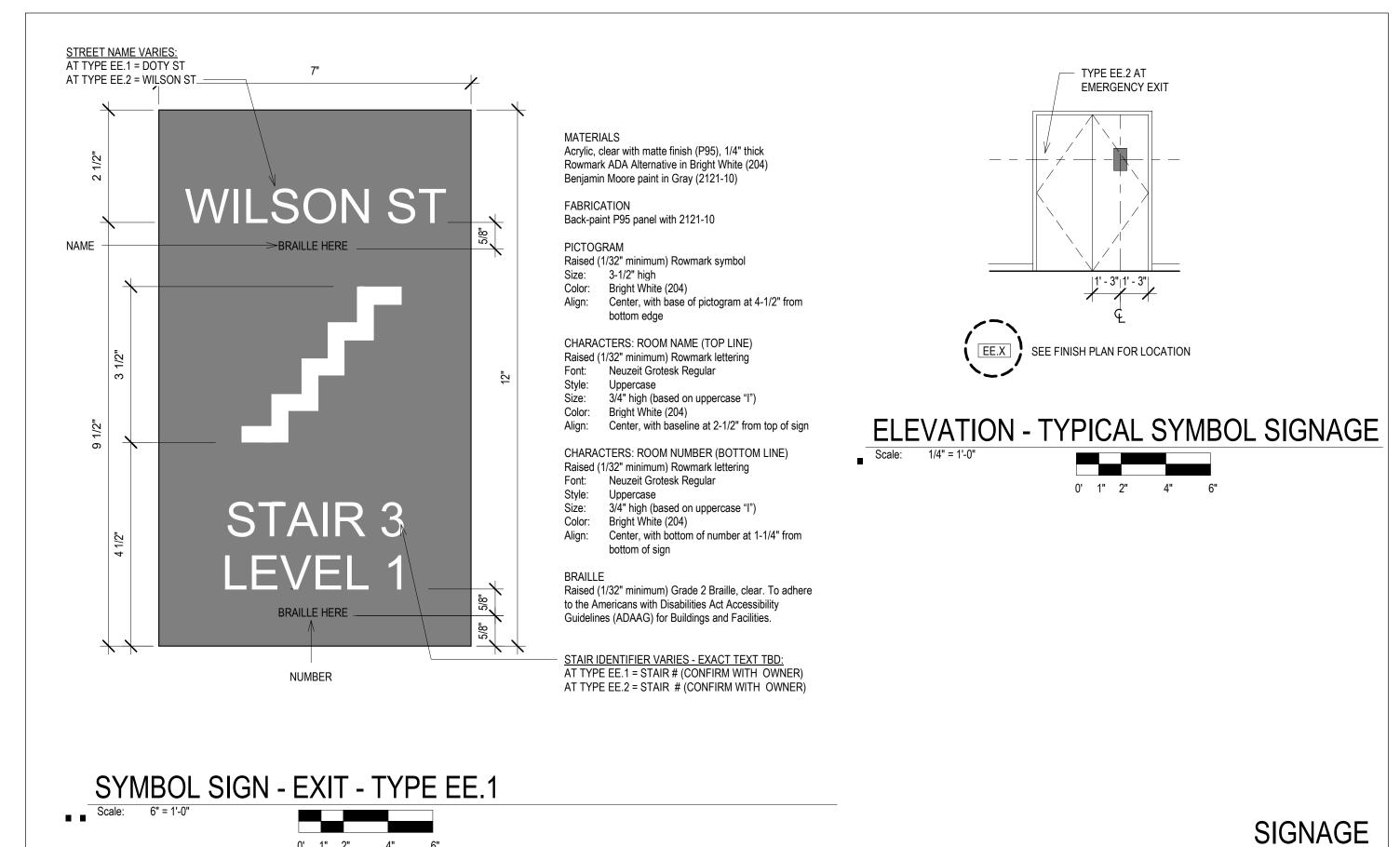
Milwaukee, WI

751 North

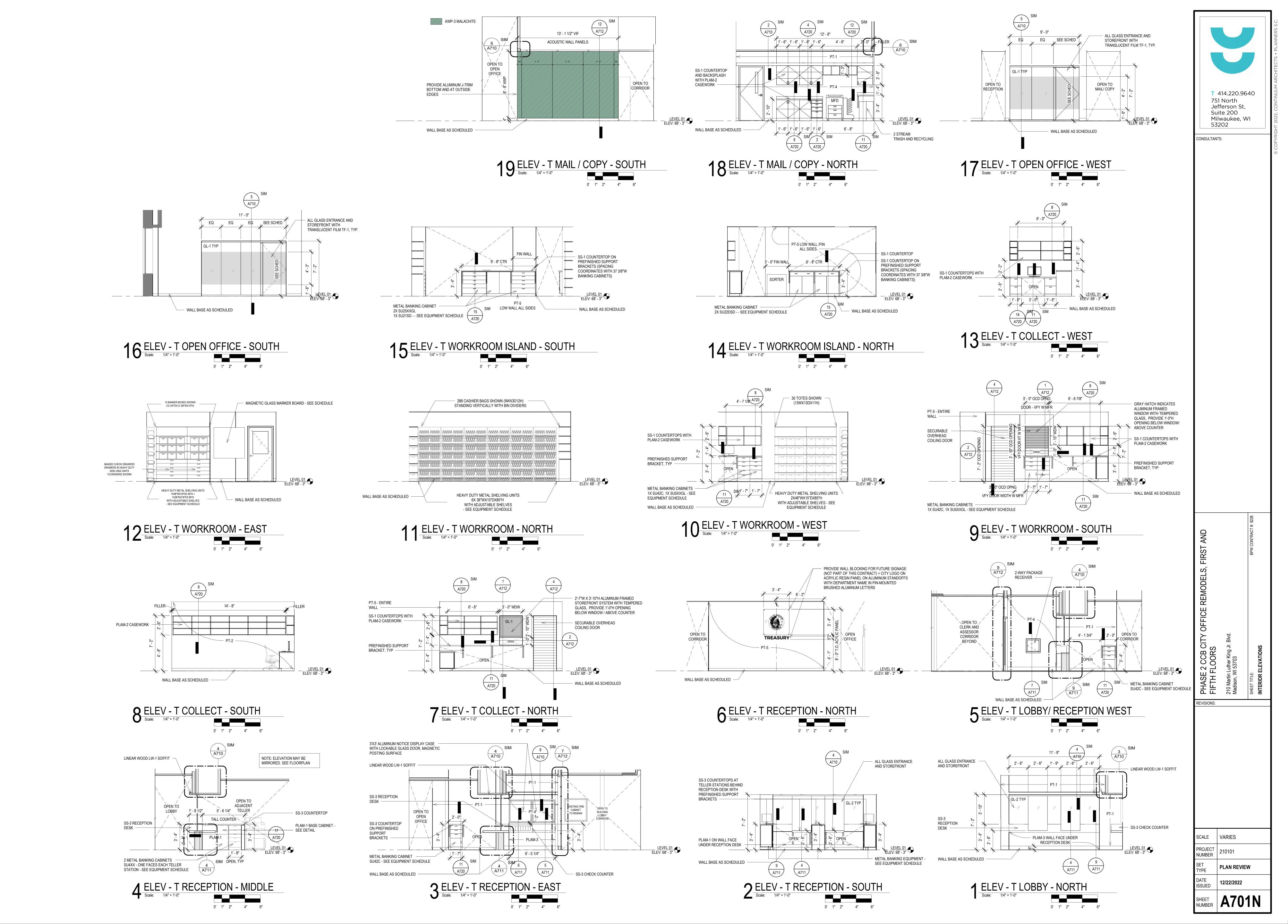
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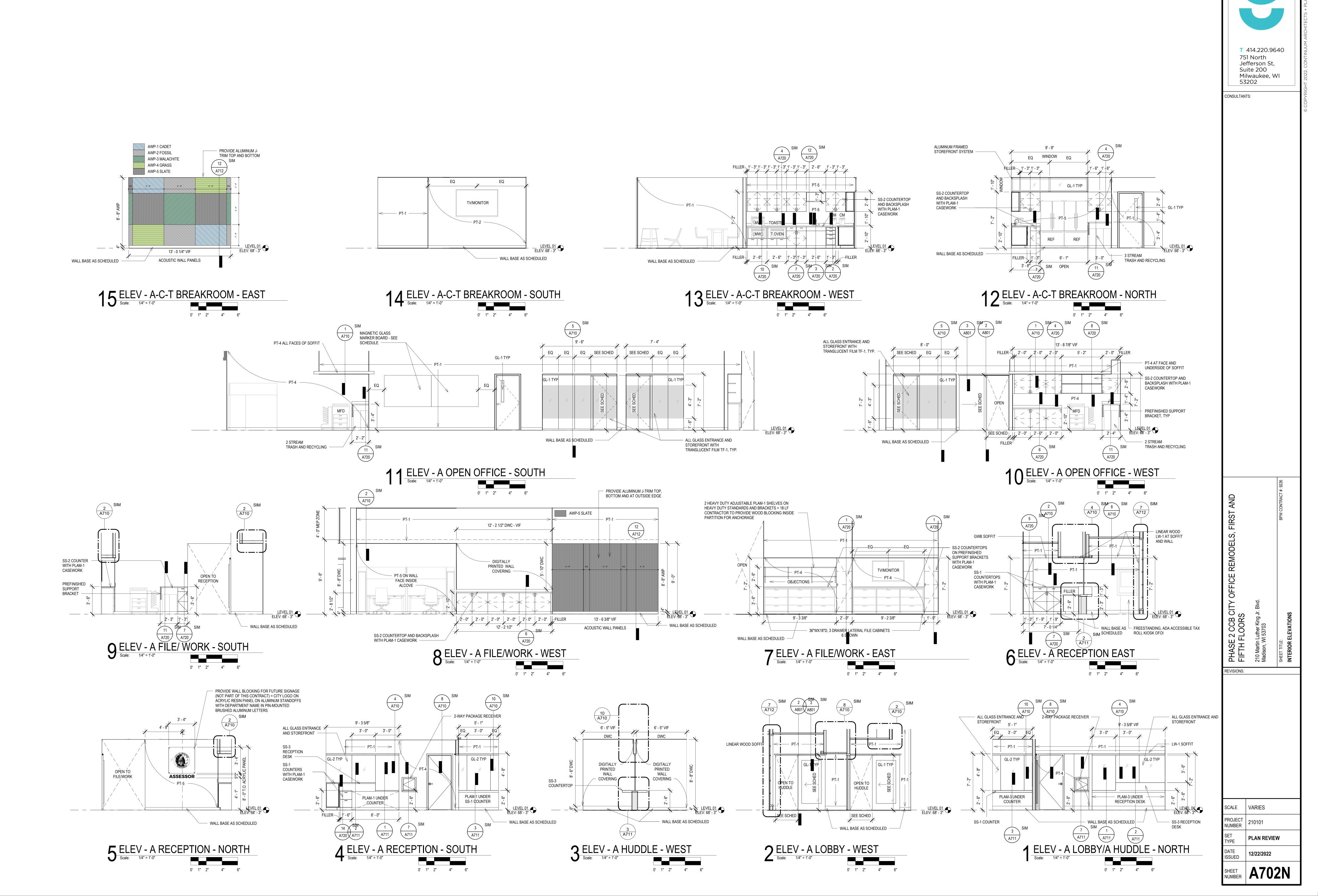
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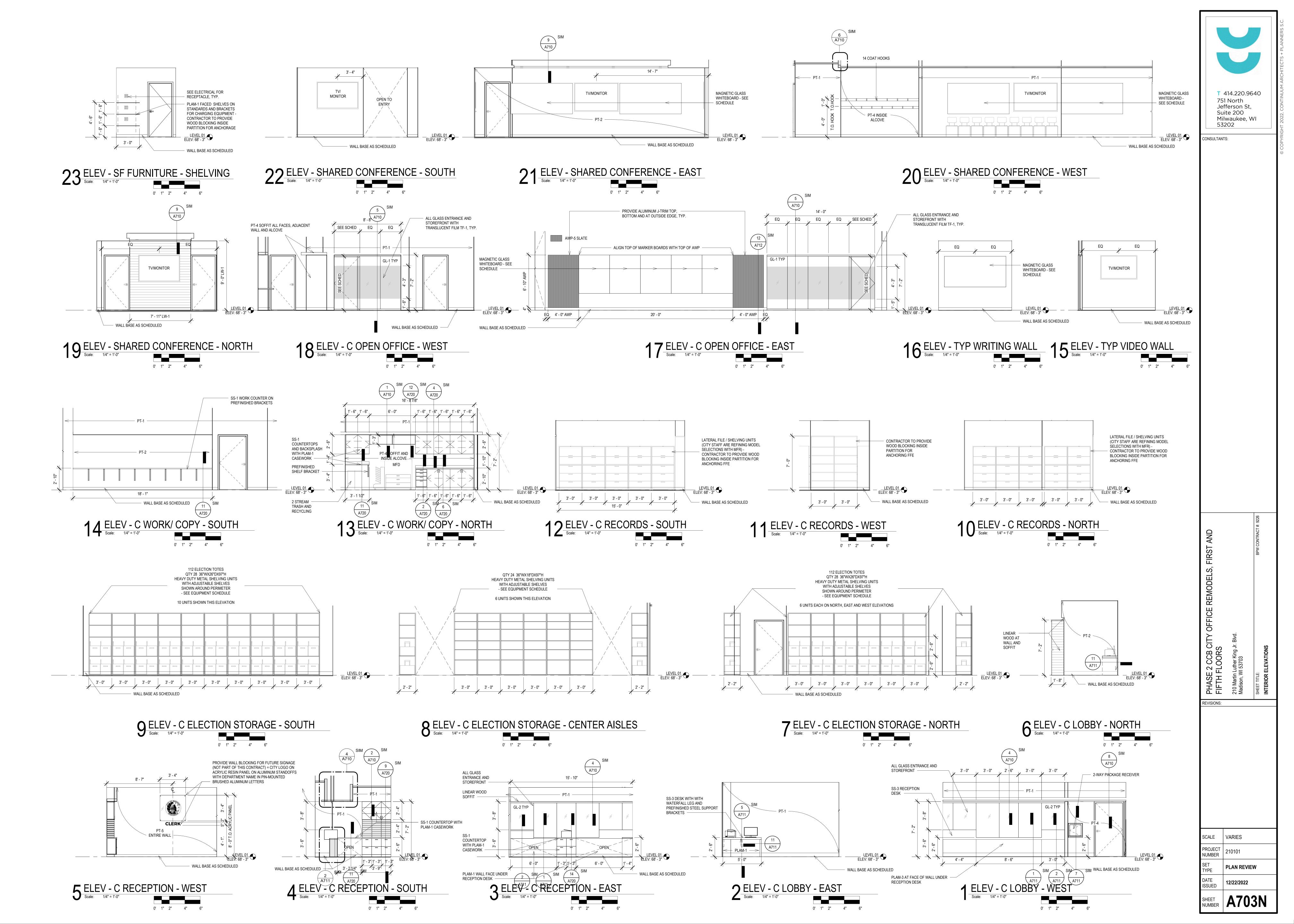
Jefferson St, Suite 200

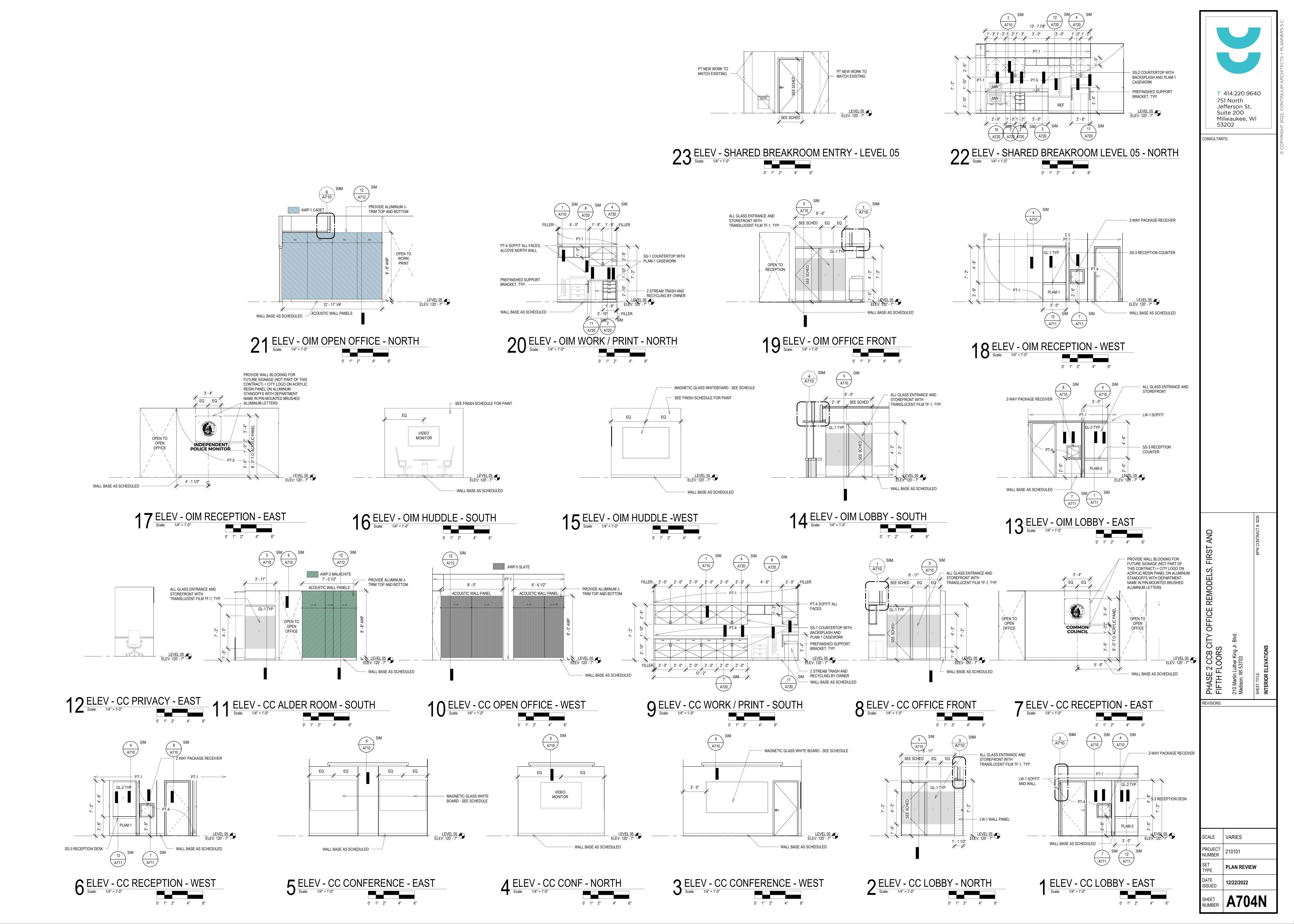


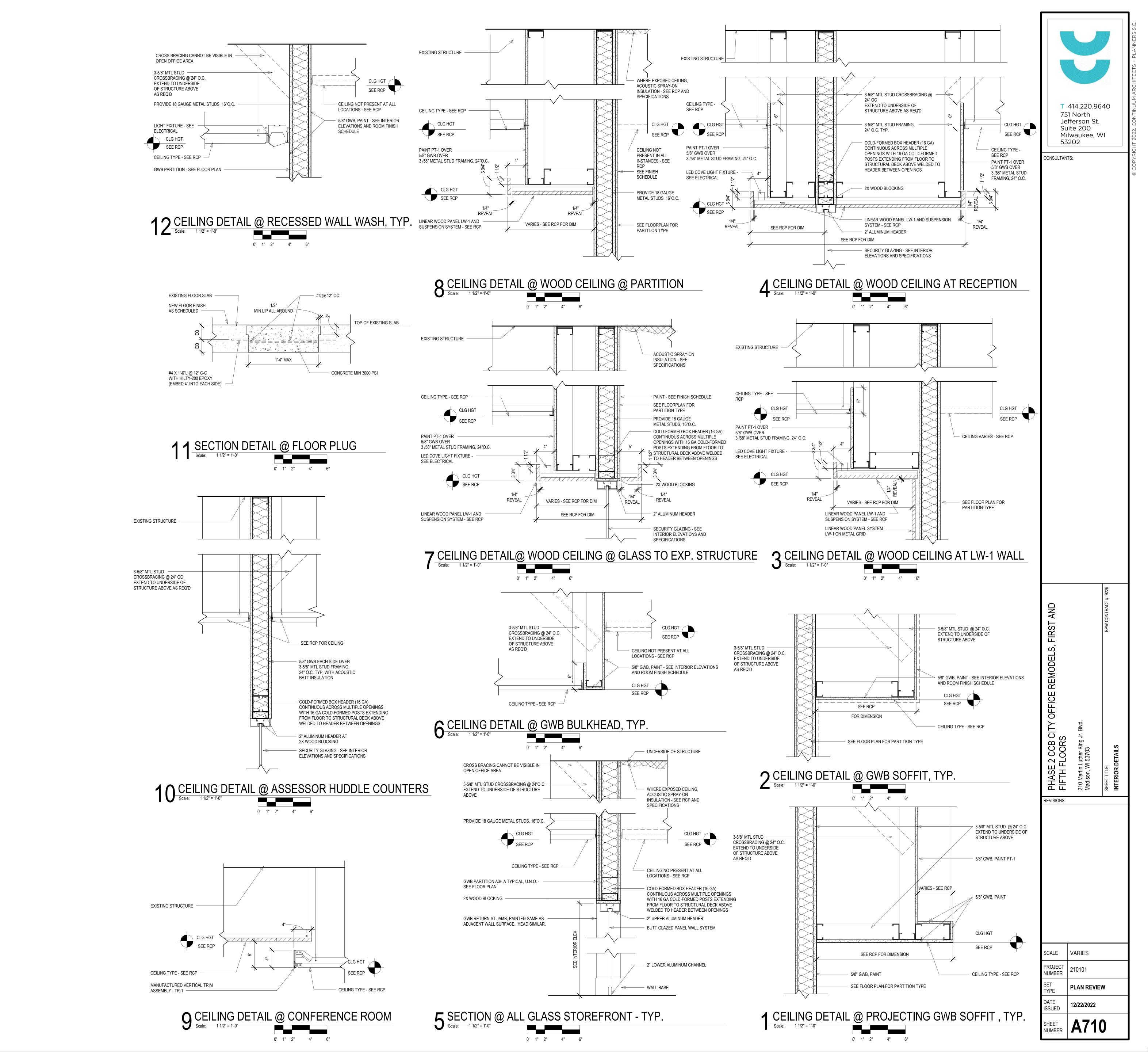
0' 1" 2" 4" 6"

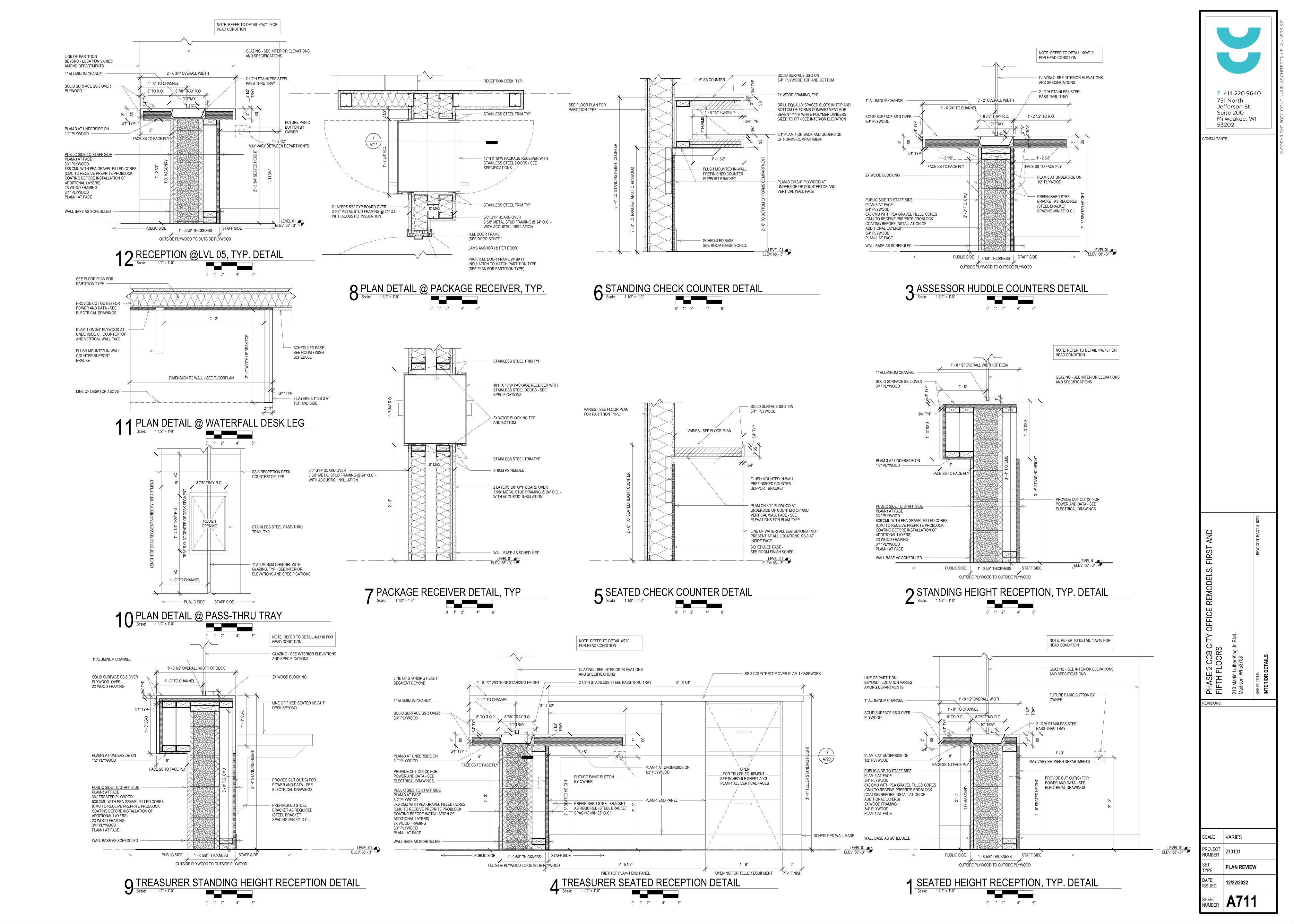


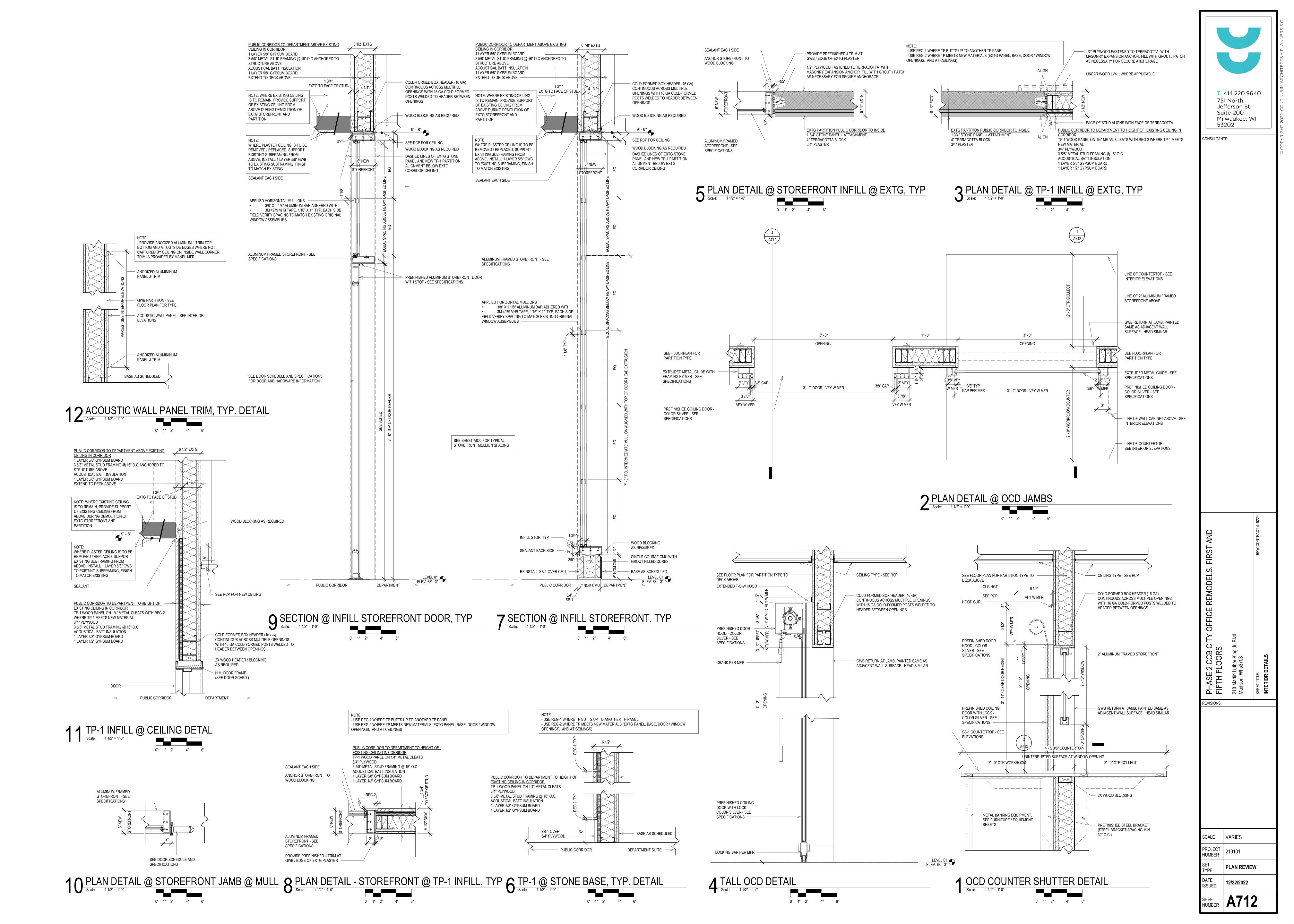


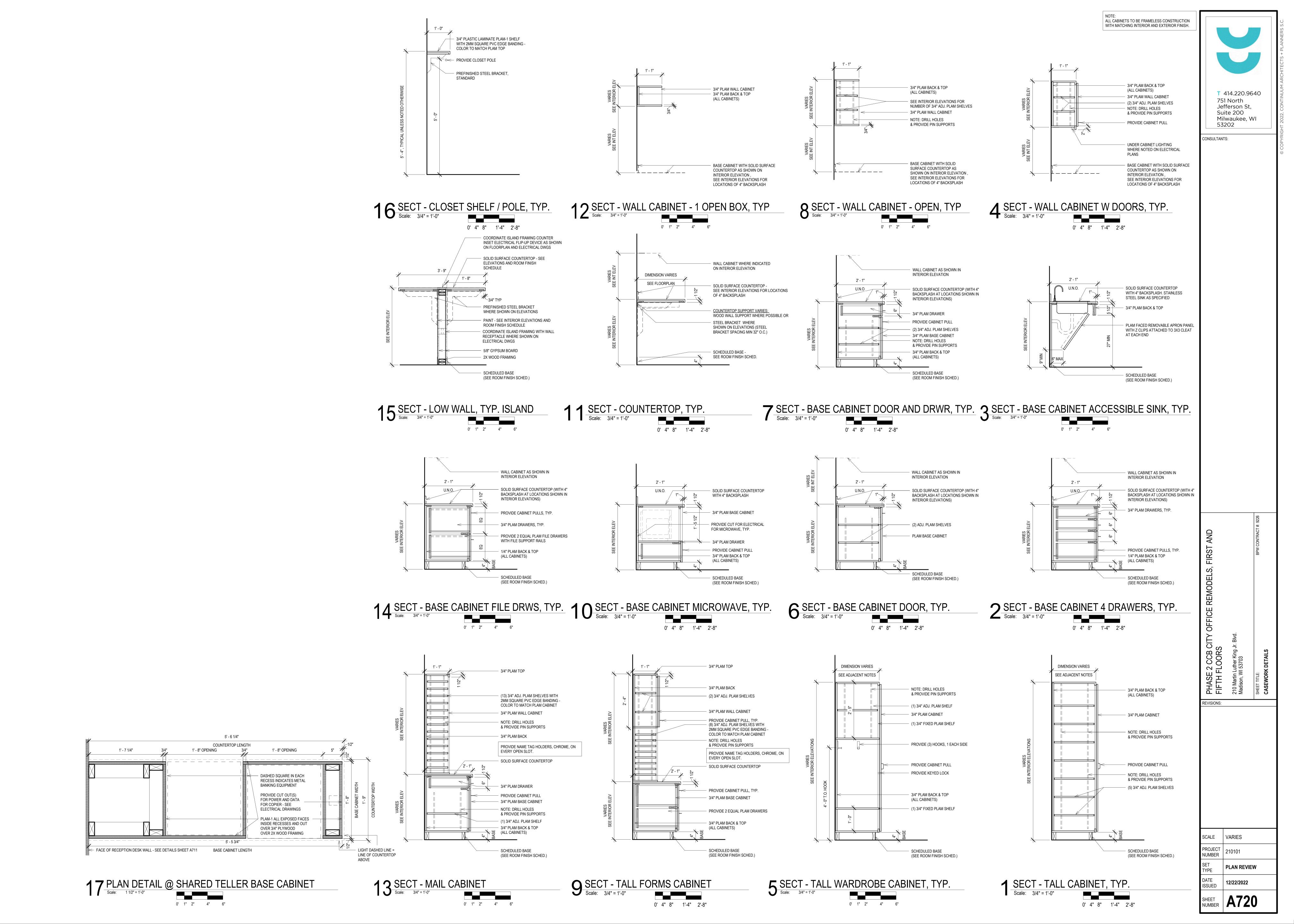














DOOR SCHEDULE ABBREVIATIONS

AG ALUM BD	ALL GLASS ALUMINUM BARN DOOR	F FL GI	FLUSH FULL LITE GLASS	NL PREFIN PT	NARROW LITE PRE-FINISHED PAINT	ST WD	STAIN WOOD
טט	B/IIII BOOK	HM	HOLLOW METAL		TAINT		

						DOOR AND F	RAME SCHI	EDULE - AS	SESSOR -	LEVEL 01						
					DOORS					FRAMES		DETA	NILS			
DOOR		LEAF												FIRE	HARDWARE	
NO.	ROOM NAME	QUANTITY	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH	HEAD	JAMB	RATING	GROUP	NOTES
A01	LOBBY	(1)	3' - 6"	6' - 10"	FL	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	9/A712 SIM	10/A712 SIM		1.0	
A01.1	HUDDLE	(1)	3' - 6"	7' - 0"	BD FL	WD	ST	GL-1	2	ALUM	PREFIN	2/3/A801 SIM	4/A801 SIM		24.0	2
A02A	HUDDLE	(1)	3' - 6"	7' - 0"	BD FL	WD	ST	GL-1	2	ALUM	PREFIN	2/3/A801 SIM	4/A801 SIM	-	24.0	2
A03	RECEPTION	(1)	3' - 0"	7' - 0"	F	HM*	PT		1/A	HM	PT	1/A801 SIM	1/A801 SIM		6.0	3,5
A05	OFFICE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM		4.0	
A06	OFFICE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM		4.0	
A08	PRIVACY	(1)	3' - 6"	7' - 0"	BD F	WD	ST		2	ALUM	PREFIN	2/3/A801 SIM	4/A801 SIM	-	23.0	2
A09	DIR. OFFICE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM	-	4.0	
A10	CLOSET	(1)	2' - 0"	7' - 0"	F	WD	ST		1/A	HM	PREFIN	1/A801 SIM	1/A801 SIM		18.0	1,4
A11	STOR	(1)	3' - 6"	7' - 0"	BD F	WD	ST		2	ALUM	PREFIN	2/3/A801 SIM	4/A801 SIM	-	24.0	2
A12	CORRIDOR	(1)	3' - 0"	7' - 0"	F	HM*	PT		1/A	HM	PT	1/A801 SIM	1/A801 SIM		6.0	3,5

						DOOR AND	FRAME SC	HEDULE - (CLERK - LE	VEL 01						
					DOORS					FRAMES		DETA	AILS			
000R NO.	ROOM NAME	LEAF QUANTITY	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH	HEAD	JAMB	FIRE RATING	HARDWARE GROUP	NOTES
NO.	ROOW NAME	QUANTITI		ПЕІВПІ	ITPE	IVIATERIAL		GLASS	ITPE	MAIERIAL			_	KATING	GROUP	NOTES
)1	LOBBY	(1)	3' - 6"	6' - 10"	FL	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	9/A712 SIM	10/A712 SIM		1.0	
)3	CORRIDOR	(1)	3' - 6"	7' - 0"	F	HM*	PT		1/A	HM	PT	1/A801 SIM	1/A801 SIM		6.0	3,5
)4	CONFERENCE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM		5.0	
)6	OPEN OFFICE - SOUTH	(1)	3' - 0"	7' - 0"	F	HM*	PT		1/A	HM	PT	1/A801 SIM	1/A801 SIM		6.0	3,5
)7	RECORDS	(1)	3' - 0"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		11.0	1,4,6
)8	DIR. OFFICE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM		4.0	-
0	ELECTION SUPPLIES	(1)	3' - 6"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		14.0	1,4

(2) 5'-0" 7'-0" F HM PT -- 1/A HM PT 1/A801 SIM 1/A801 SIM -- 17.0

						DOOR AND FF	RAME SCHE	DULE - TRE	ASURER -	LEVEL 01						
					DOORS					FRAMES		DETA	AILS			
DOOR NO.	ROOM NAME	LEAF QUANTITY	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH	HEAD	JAMB	FIRE RATING	HARDWARE GROUP	NOTES
T01	LOBBY	(1)	3' - 6"	6' - 10"	FL	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	9/A712 SIM	10/A712 SIM		1.0	
T02	CORRIDOR	(1)	3' - 6"	6' - 10"	F	HM*	PT		1/A	HM	PT	11/A712 SIM	11/A712 SIM		8.0	3,5
T02B	CORRIDOR	(1)	3' - 6"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		8.0	1,4
T03A	COLLECT	(1)	3' - 6"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		12.0	1,4
T04A	WORKROOM	(1)	3' - 0"	7' - 0"	HL	WD	ST	GL-1	1/A	HM	PT	1/A801 SIM	1/A801 SIM		10.0	1,4,7
T04B	COLLECT		3' - 0"	7' - 2"	OCD	ALUM	PREFIN			ALUM	PREFIN	4/A712	2/A712		25.0	-
T04C	WORKROOM		3' - 0"	3' - 10"	OCD	ALUM	PREFIN		1/A	ALUM	PREFIN	1/A712	2/A712		25.0	8
T06	OFFICE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM		4.0	-
T08	OFFICE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM		4.0	-
T09	MAIL/ COPY	(1)	3' - 0"	7' - 0"	NL	WD	ST	GL-1	1/A	HM	PT	1/A801 SIM	1/A801 SIM		9.0	1,4
T11	CLOSET	(1)	2' - 0"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		18.0	1,4

					DOOR /	AND FRAME S	CHEDULE -	· SHARED S	PACES - LI	EVEL 01 - NOR	TH					
					DOORS					FRAMES		DETA	AILS			
		LEAF												FIRE	HARDWARE	
==	ROOM NAME	QUANTITY	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH	HEAD	JAMB	RATING	GROUP	NOTES
SBC05A	CONFERENCE	(1)	3' - 0"	6' - 10"	FL	ALUM/GL	PREFIN	GL-1	-	ALUM	PREFIN	9/A712 SIM	10/A712 SIM		1.0	
SBC05B	CORRIDOR	(1)	3' - 0"	6' - 10"	FL	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	1/A801 SIM	1/A801 SIM		2.0	
SBR01	BREAKROOM	(1)	3' - 0"	7' - 0"	NL	HM	PT		1/A	HM	PT	1/A801 SIM	1/A801 SIM		21.0	3
SCR01B	CONFERENCE	(1)	3' - 0"	7' - 0"	F	HM*	PT		1/A	HM	PT	1/A801 SIM	1/A801 SIM		9.0	3,5
SF02	FURNITURE	(1)	3' - 0"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		20.0	1,4
SIT03	IT CLOSET	(1)	3' - 0"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		12.0	1,4

					DOC	OR AND FRAM	E SCHEDU	LE - COMM	ON COUNC	CIL - LEVEL 05						
					DOORS					FRAMES		DETA	AILS			
DOOR NO.	ROOM NAME	LEAF QUANTITY	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH	HEAD	JAMB	FIRE RATING	HARDWARE GROUP	NOTES
CC01	LOBBY	(1)	3' - 0"	7' - 0"	FL	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		7.0	1,4
CC02A	CONFERENCE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM		5.0	
CC02B	CONFERENCE	(1)	3' - 0"	7' - 0"	F	WD	PT		1/A	HM	PT	1/A801 SIM	1/A801 SIM	-	15.0	1,4
CC03	RECEPTION	(1)	3' - 0"	7' - 0"	F	HM*	PT		1/A	HM	PT	1/A801 SIM	1/A801 SIM	-	6.0	3,5
CC04	OFFICE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM	-	4.0	
CC06	CORRIDOR	(1)	3' - 0"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		15.0	1,4
CC08	PRIVACY	(1)	3' - 6"	7' - 0"	BD F	WD	ST		2	ALUM	PREFIN	2/3/A801 SIM	4/A801 SIM		23.0	2
CC09	CORRIDOR	(1)	3' - 0"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		16.0	1,4

				DC	OR AND F	RAME SCHEI) F - OFF	ICE OF IND	EDENDEN.	 Γ MONITOR - L	FVFL 05					
					DOORS		JOLE 011	102 01 1140	LI LINDLIN	FRAMES	LVLL 00	DETA	All S			
DOOR	200111115	LEAF	MIDTH				5 111011	01.400	T. (D.E.		5 111011			FIRE	HARDWARE	NOTES
NO.	ROOM NAME	QUANTITY	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH	HEAD	JAMB	RATING	GROUP	NOTES
OIM01	LOBBY	(1)	3' - 0"	7' - 0"	FL	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		7.0	1,4
OIM02	HUDDLE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM		5.0	
OIM03A	RECEPTION	(1)	3' - 0"	7' - 0"	F	HM*	PT		1/A	HM	PT	1/A801 SIM	1/A801 SIM	-	6.0	3,5
OIM03B	M03B CORRIDOR (1) 3'-0" 7'-0" F WD ST 1/A HM PT 1/A801 SIM 1/A801 SIM 15.0 1,4															
OIM04	OFFICE	(1)	3' - 4"	7' - 0"	AG	ALUM/GL	PREFIN	GL-1		ALUM	PREFIN	5/A801 SIM	6/A801 SIM		4.0	

		. ,														
					DC	OR AND FRAI	ME SCHEDI	ULF - SHAR	FD SPACE	S - LEVEL 05						
							WE COLLED	011741								
					DOORS					FRAMES		DETA	AILS			
DOOR		LEAF												FIRE	HARDWARE	
NO.	ROOM NAME	QUANTITY	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH	HEAD	JAMB	RATING	GROUP	NOTES
SBR05A	BREAKROOM	(1)	3' - 0"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		9.0	1,4
SBR05B	BREAKROOM	(1)	3' - 0"	7' - 0"	F	WD	ST		1/A	HM	PT	1/A801 SIM	1/A801 SIM		9.0	1,4

	DOOR AND FRAME SCHEDULE NOTES
1	PROVIDE PREFINISHED FLUSH WOOD DOOR - BLACK STAIN. ARCHITECT TO APPROVE COLOR SAMPLE. SEE FLUSH WOOD DOOR SPECIFICATION FOR MORE INFORMATION
	SEE SPECIFICATION SECTION 08 13 70 FOR SLIDING DOOR HARDWARE. DOOR BY SYSTEM MANUFACTURER. FINISH TO MATCH ALL FLUSH WOOD DOORS IN PROJECT.
	PAINT DOOR AND FRAME TO MATCH ADJACENT WALL.
4	PAINT FRAME TO MATCH ADJACENT WALL.
5	*DOOR TO RECEIVE HEAVY DUTY HM DOOR.
6	PROVIDE HARDWARE WITH 180-DEGREE DOOR SWING. SEE SPECIFICATIONS.
7	PROVIDE HL HM DOOR WITH SOUND SEALS. SEE SPECIFICATIONS.
8	SEE INTERIOR ELEVATION FOR INSTALLATION HEIGHT.
9	PROVIDE FOR 2-WAY SWING. SEE SPECIFICATIONS.
10	PAINT DOOR AND FRAME PT-5.

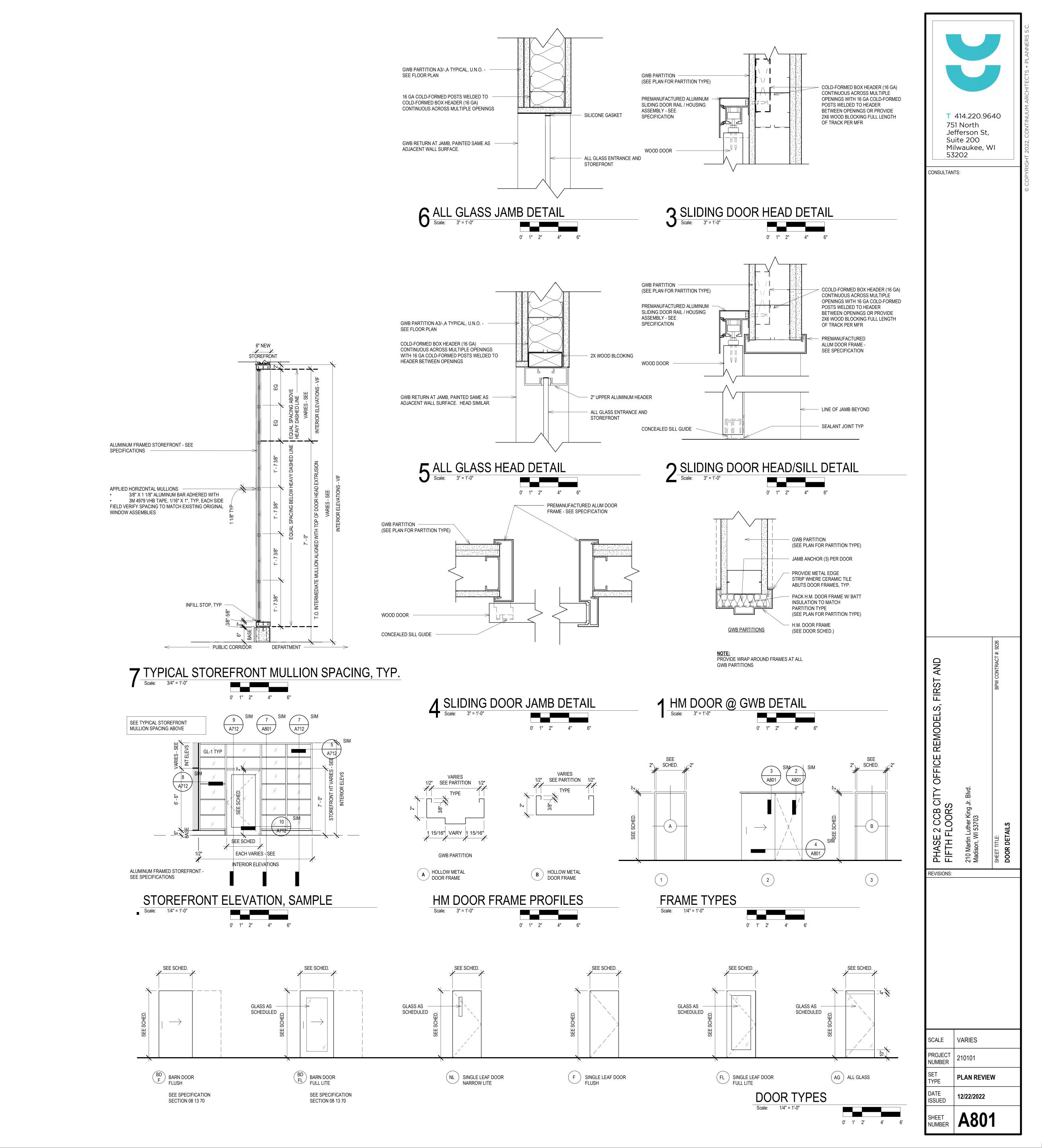
11 PAINT DOOR AND FRAME PT-1.

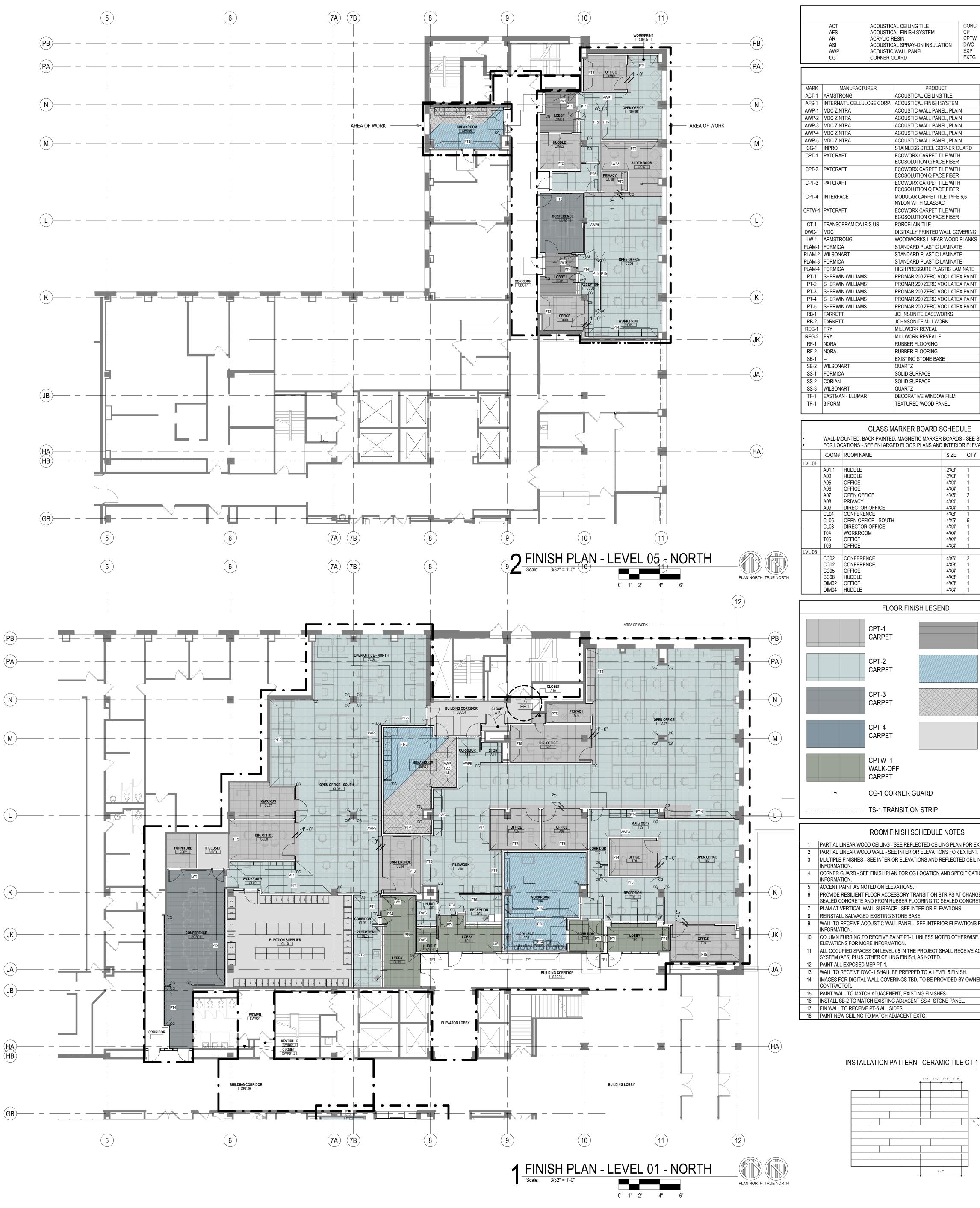


CONSULTANTS:

PHASE 2 CCB CITY OFFICE REMODELS, FIRST AND FIFTH FLOORS	: Blvd.
PHASE 2 CCB C FIFTH FLOORS	210 Martin Luther King Jr. Blvd.
REVISIONS:	

SCALE	VARIES
PROJECT NUMBER	210101
SET TYPE	PLAN REVIEW
DATE ISSUED	12/22/2022



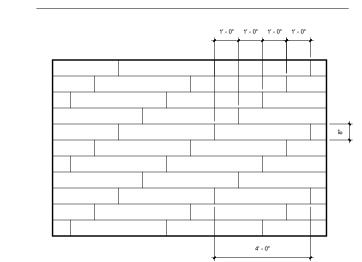


AFS ACOUSTIC AR ACRYLIC ASI ACOUSTIC	CAL CEILING TILE CONC CAL FINISH SYSTEM CPT RESIN CPTW	CONCRETE G CARPET GROM	GROUT		RB	RESILIENT BASE	SB	STONE BASE
AR ACRYLIC ASI ACOUSTIC AWP ACOUSTIC			GROMM	FT	REG	REGLET	SC	SEALED CONCRETE
AWP ACOUSTIC		WALK-OFF CARPET GWB		/ WALL BOARD	RS	ROLLER SHADE	SS	SOLID SURFACE
	CAL SPRAY-ON INSULATION DWC	DIGITALLY PRINTED WALL COVERING LW		WOOD PANEL SYSTEM	RF	RUBBER FLOOR	ST	STAIN
CG CORNER	C WALL PANEL EXP	EXPOSED PLAM		LAMINATE			TS	TRANSITION STRIP
	GUARD EXTG	EXISTING PT	PAINT				WD	WOOD
			FINISHES SC	HEDULE				
MARK MANUFACTURER	PRODUCT	STYLE	SIZE			COMMENTS		
ACT-1 ARMSTRONG	ACOUSTICAL CEILING TILE	CALLA 2822, SQUARE TEGULAR 15/16", COLOR: WHITE	24"X24"	INSTALL WITH ARMSTRONG F	PRELUDE XL 15/16" S	SYSTEM, COLOR: WHITE - SEE REF	LECTED CEILING PLAN A	ND SPECIFICATIONS
AFS-1 INTERNAT'L CELLULOSE CORP.		SONASPRAY 'FC', WHITE	MINIMUM 1" TH	SEE REFLECTED CEILING PLA				
AWP-1 MDC ZINTRA	,	ZTR4721/4516, COLOR: CADET	4'X9' SHEET, 1/2" TI	H SEE ENLARGED FLOORPLANS	S, INTERIOR ELEVAT	TIONS, FINISH SCHEDULE AND SPE	ECIFICATIONS	
AWP-2 MDC ZINTRA	,	ZTR4720/4516, COLOR: FOSSIL	· · · · · · · · · · · · · · · · · · ·		,	TIONS, FINISH SCHEDULE AND SPE		
AWP-3 MDC ZINTRA		ZTR4718/4516, COLOR: MALACHITE			·	TONS, FINISH SCHEDULE AND SPE		
AWP-4 MDC ZINTRA	*	ZTR4716/4516, COLOR: GRASS			,	TIONS, FINISH SCHEDULE AND SPE		
AWP-5 MDC ZINTRA	*	ZTR4706/4516, COLOR: SLATE	· · · · · · · · · · · · · · · · · · ·		·	TIONS, FINISH SCHEDULE AND SPE	ECIFICATIONS	
CG-1 INPRO		SATIN FINISH	1-1/2"X1-1/2"X4'H	SEE FINISH PLANS AND SPEC				
CPT-1 PATCRAFT	ECOSOLUTION Q FACE FIBER	ARTFUL & TEXTURED, CHARCOAL 10574, WARM GREY 00560				SEE FINISH PLAN AND SCHEDULE		
CPT-2 PATCRAFT	ECOWORX CARPET TILE WITH ECOSOLUTION Q FACE FIBER	INFRASTRUCTURE, I0519 SCAFFOLD, TRESTLE 0530	24"X24"			SEE FINISH PLAN AND SCHEDULE	: 	
CPT-3 PATCRAFT	ECOSOLUTION Q FACE FIBER	ARTEFACT, PATINA 10511, URBAN STUDY 00590	24"X24"	PUBLIC MEETING SPACES ON		NISH PLAN AND SCHEDULE		
CPT-4 INTERFACE	MODULAR CARPET TILE TYPE 6,6 NYLON WITH GLASBAC	VIVA COLORES,106051 GRIS PIZARRA	50CMX50XM	SEE FINISH PLANS AND SPEC	CIFICATIONS.			
CPTW-1 PATCRAFT	ECOWORX CARPET TILE WITH ECOSOLUTION Q FACE FIBER	WALK FORWARD, CONNECTING 10535, PATHWAY 00580	12"X48"	PUBLIC LOBBIES ON LEVEL 0				
CT-1 TRANSCERAMICA IRIS US		FRENCH WOOD, COLOR: BEECH	8"X48"x5/16"TH	PUBLIC LOBBIES ON LEVEL 05	5 - SEE FINISH PLAN	AND SCHEDULE		
DWC-1 MDC	DIGITALLY PRINTED WALL COVERING	,	VARIES		·	TIONS, FINISH SCHEDULE AND SPE		
LW-1 ARMSTRONG		VENEERED PLANKS, NATURAL VARIATIONS MAPLE W1	4"PLANK W 3/4" RV			ARMSTRONG PRELUDE XL 15/16" S		ED CEILING PLAN AND SPECIFICAT
PLAM-1 FORMICA	STANDARD PLASTIC LAMINATE	WOODBRUSH, WHITE ASH, 8841-WR				IISH SCHEDULE AND SPECIFICATION		
PLAM-2 WILSONART		MUSHROOM 5013, 19 LENO WEAVE FINISH				IISH SCHEDULE AND SPECIFICATION		
PLAM-3 FORMICA	STANDARD PLASTIC LAMINATE	TERRIL, PLEX FINISH, 2297-PX				PR ELEVATIONS, FINISH SCHEDULE	E AND SPECIFICATIONS	
PLAM-4 FORMICA		COLOR CORE 2, WHITE ASH 8841C-58, MATTE	-	BUILDING CORRIDOR SISTER				
PT-1 SHERWIN WILLIAMS		DANE COUNTY COMMON WHITE, LOW SHEEN			- , -	TIONS, FINISH SCHEDULE AND SPE		
PT-2 SHERWIN WILLIAMS		DANE COUNTY LIGHT BLUE, LOW SHEEN			<i>'</i>	TIONS, FINISH SCHEDULE AND SPE		
PT-3 SHERWIN WILLIAMS		DANE COUNTY LIGHT GREEN, LOW SHEEN			- ,	TIONS, FINISH SCHEDULE AND SPE		
PT-4 SHERWIN WILLIAMS		DANE COUNTY DARK BLUE, LOW SHEEN			- , -	TIONS, FINISH SCHEDULE AND SPE		
PT-5 SHERWIN WILLIAMS		DANE COUNTY DARK GRAY, LOW SHEEN			<u>'</u>	TIONS, FINISH SCHEDULE AND SPE		
RB-1 TARKETT	JOHNSONITE BASEWORKS	THERMOSET RUBBER, TYPE TS, TOE, COLOR: BEDROCK CG			•	TONS, FINISH SCHEDULE AND SPE		
RB-2 TARKETT	JOHNSONITE MILLWORK	MANDALAY MW-XX-H6, COLOR: TA6 BEDROCK CG	6"H X .375"TH		<i>'</i>	TIONS, FINISH SCHEDULE AND SPE	CIFICATIONS	
REG-1 FRY	MILLWORK REVEAL	MWR10050 REGLET, CLEAR ANODIZED FINISH	1/2" W X 1"D	FOR USE WITH TP-1 AND TP-2				
REG-2 FRY	MILLWORK REVEAL F	MWRF10050 REGLET, CLEAR ANODIZED FINISH	1/2"W X 1"D	FOR USE WITH TP-1 AND TP-2			CITICATIONS	
RF-1 NORA	RUBBER FLOORING	NORAMENT GRANO, COLOR: SPIKENARD 5139			<u>'</u>	TIONS, FINISH SCHEDULE AND SPE		
RF-2 NORA	RUBBER FLOORING	NORAMENT GRANO, COLOR: BLACK PEPPER 5304				TIONS, FINISH SCHEDULE AND SPE	CICICATIONS	
SB-1 SB-2 WILSONART	EXISTING STONE BASE QUARTZ	VESUVIUS Q1017, EASED EDGE	 2CM T⊔	SALVAGE, PROTECT AND REL			CIEICATIONS	
	· ·	,	2CM TH		·	TIONS, FINISH SCHEDULE AND SPE		
SS-1 FORMICA	SOLID SURFACE	TRADITONS, BLEACHED CONCRETE 601, EASED EDGE	1/2" TH		<u>′</u>	TIONS, FINISH SCHEDULE AND SPE		
SS-2 CORIAN SS-3 WILSONART	SOLID SURFACE QUARTZ	ASH CONCRETE, EASED EDGE	1/2" TH 2CM TH		- , -	TIONS, FINISH SCHEDULE AND SPE TIONS, FINISH SCHEDULE AND SPE		
TF-1 EASTMAN - LLUMAR	DECORATIVE WINDOW FILM	LAZIO Q1018, EASED EDGE WHITE LIGHT DIFFUSER, MATTE SERIES, DUSTED FROST	.002	SEE INTERIOR ELEVATIONS	S, INTERIOR ELEVAT	IONO, FINIOR SUPEDULE AND SPE	LOIFIUATIUNO	
TP-1 3 FORM		STYLE: PROFILE, PLEAT, PATTERN HORIZONTAL WITH			INEILI DANIELO OD	RIENT PANEL VERTICALLY WITH HO	ADIZANTAI DATTEDAI OF	E INTEDIOD EI EVATIONE EINIELL
IF-1 S FORW	ILATURED WOOD PANEL	VERTICAL ORIENTATION, COLOR: TBD	470 SHEET, 3/4 II	AND SPECIFICATIONS	INFILL FAINELS - UK	NILINI FAINEL VERTICALLY WITH HU	JNIZUNTAL FATTERIN. SE	L INTENION ELEVATIONS, FINISH

	ROOM#	ROOM NAME	SIZE	QTY	
LVL 01					
	A01.1	HUDDLE	2'X3'	1	
	A02	HUDDLE	2'X3'	1	
	A05	OFFICE	4'X4'	1	
	A06	OFFICE	4'X4'	1	
	A07	OPEN OFFICE	4'X6'	2	
	A08	PRIVACY	4'X4'	1	
	A09	DIRECTOR OFFICE	4'X4'	1	
	CL04	CONFERENCE	4'X8'	1	
	CL05	OPEN OFFICE - SOUTH	4'X5'	5	ORIENT VERTICALLY
	CL08	DIRECTOR OFFICE	4'X4'	1	
	T04	WORKROOM	4'X4'	1	
	T06	OFFICE	4'X4'	1	
	T08	OFFICE	4'X4'	1	
LVL 05					
	CC02	CONFERENCE	4'X6'	2	
	CC02	CONFERENCE	4'X8'	1	
	CC05	OFFICE	4'X4'	1	
	CC08	HUDDLE	4'X8'	1	
	OIM02	OFFICE	4'X8'	1	
	OIM04	HUDDLE	4'X4'	1	
	ı		ı	1	

	FLOOR FINIS	SH LEGEND	
	CPT-1 CARPET		CT-1 CERAMIC TILE
	CPT-2 CARPET		RF-1 RUBBER FLOORING
	CPT-3 CARPET		RF-2 RUBBER FLOORING
	CPT-4 CARPET		SC - SEALED CONCRETE
	CPTW -1 WALK-OFF CARPET		
٦	CG-1 CORNER GU	JARD	

	ROOM FINISH SCHEDULE NOTES
1	PARTIAL LINEAR WOOD CEILING - SEE REFLECTED CEILING PLAN FOR EXTENT.
2	PARTIAL LINEAR WOOD WALL - SEE INTERIOR ELEVATIONS FOR EXTENT.
3	MULTIPLE FINISHES - SEE INTERIOR ELEVATIONS AND REFLECTED CEILING PLAN FOR MORE INFORMATION.
4	CORNER GUARD - SEE FINISH PLAN FOR CG LOCATION AND SPECIFICATION FOR MORE INFORMATION.
5	ACCENT PAINT AS NOTED ON ELEVATIONS.
6	PROVIDE RESILIENT FLOOR ACCESSORY TRANSITION STRIPS AT CHANGE FROM CARPET TO SEALED CONCRETE AND FROM RUBBER FLOORING TO SEALED CONCRETE.
7	PLAM AT VERTICAL WALL SURFACE - SEE INTERIOR ELEVATIONS.
8	REINSTALL SALVAGED EXISTING STONE BASE.
9	WALL TO RECEIVE ACOUSTIC WALL PANEL. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
10	COLUMN FURRING TO RECEIVE PAINT PT-1, UNLESS NOTED OTHERWISE. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
11	ALL OCCUPIED SPACES ON LEVEL 05 IN THE PROJECT SHALL RECEIVE ACOUSTICAL FINISH SYSTEM (AFS) PLUS OTHER CEILING FINISH, AS NOTED.
12	PAINT ALL EXPOSED MEP PT-1.
13	WALL TO RECEIVE DWC-1 SHALL BE PREPPED TO A LEVEL 5 FINISH.
14	IMAGES FOR DIGITAL WALL COVERINGS TBD, TO BE PROVIDED BY OWNER. DWC INSTALLED BY CONTRACTOR.
15	PAINT WALL TO MATCH ADJACENENT, EXISTING FINISHES.
16	INSTALL SB-2 TO MATCH EXISTING ADJACENT SS-4 STONE PANEL.
17	FIN WALL TO RECEIVE PT-5 ALL SIDES.
18	PAINT NEW CEILING TO MATCH ADJACENT EXTG.



	/ I								
CL01	LOBBY	CPTW-1	RB-2	PT-1/PT-2/LW-1	PT-1	PT-1/PT-4	PT-1	ACT-1/LW-1	1,2,3,4,5,7
CL02	RECEPTION	CPT-2	RB-1	PT-1	PT-1	PT-5	PT-1	ACT-1/LW-1	1,3,5,7
CL03	CORRIDOR	CPT-2	RB-1	PT-1		PT-5	PT-1/PT-4	ACT-1	3,4
CL04	CONFERENCE	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-3	ACT-1	
CL05	OPEN OFFICE - SOUTH	CPT-2	RB-1	PT-1	PT-1/PT-2	PT-1/PT-2	PT-1/AWP-5	AFS/GWB	3,4,5,10
CL06	OPEN OFFICE - NORTH	CPT-2	RB-1	PT-1	PT-3	PT-1	PT-1	AFS	3,4,5,10
CL07	RECORDS	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	10
CL08	DIR. OFFICE	CPT-1	RB-1	PT-1	PT-1	PT-5	PT-1	ACT-1	
CL09	WORK/COPY	CPT-2	RB-1	PT-1/PT-4	PT-1/PT-2	PT-1	PT-4	AFS/GWB	3,4,5,10,12
CL10	ELECTION SUPPLIES	SC	RB-1	PT-1	PT-1	PT-1	PT-1	EXPOSED/PT-1	10,12
						WALL			
ROOM#	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	WEST	EAST	CEILING	NOTES
LEVEL 0	1	1				-			-
T01	LOBBY	CPTW-1	RB-2	PT-1	PT-1	PT-1/PT-4	PT-1/PT-4	ACT-1/LW-1	1,3,5,7
T02	CORRIDOR	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-4	ACT-1	
T03	COLLECT	RF-1	RB-1	PT-5	PT-2	PT-1	PT-1	ACT-1	
T04	WORKROOM	RF-1	RB-1	PT-1	PT-5	PT-1/PT-5	PT-1	ACT-1	4.40
TOF									4,10
T05	RECEPTION	CPT-2	RB-1	PT-5	PT-1	PT-1	PT-1	ACT-1/LW-1	4,10 1,3,4,7,10

ROOM FINISH SCHEDULE - CLERK - LEVEL 01

ין	CORRIDOR	CP1-Z	XD- I	P1-1 r		PI-I	PI-I	ACT-T	4
11	CLOSET	CPT-2 R	RB-1	PT-1	PT-1 F	PT-1	PT-1	ACT-1	
			ROOM FINIS!	H SCHEDULE - SE	HARED SPACES - LI	FVFI 01 - NORT	Н		
							<u> </u>		
					WAL	ıL			
ROOM#	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	WEST	EAST	CEILING	NOTES
LEVEL 01									
SBC01	BUILDING CORRIDOR	EXTG TO REMAIN	SB-1	EXTG TO REMAIN/ TP	EXTG TO REMAIN			EXTG TO REMAIN	8,15
SBC04	BUILDING CORRIDOR	SC/EXTG TO	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	6,15
		REMAIN							
SBC05	BUILDING CORRIDOR	EXTG TO REMAIN	SB-1	EXTG TO REMAIN	EXTG TO REMAIN/TP-1			EXTG TO REMAIN	3,8,15
SBR01	BREAKROOM	RF-1/RF-2	RB-1	PT-1/PT-5	PT-1/PT-4	PT-1/PT-5	PT-1/AWP-1,2,3,4,5	ACT-1	3,9
SCR01	CONFERENCE	CPT-3	RB-1	PT-1/LW-1	PT-1	PT-1/PT-4	PT-2	ACT-1/LW-1	1,2,3,4,5,6
SF02	FURNITURE	SC	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	3,6
SIT03	IT CLOSET	SC	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	6
SWR01	WOMEN	EXTG TO REMAIN	EXTG TO REMAIN	EXTG TO REMAIN	EXTG TO REMAIN	EXTG TO REMAIN	EXTG TO REMAIN	EXTG TO	18
								REMAIN/GWB	
SWR01.1	VESTIBULE	EXTG TO REMAIN	EXTG TO REMAIN	EXTG TO REMAIN	EXTG TO REMAIN	EXTG TO REMAIN	EXTG TO REMAIN	GWB	18
. —	+								

						WALL			
ROOM#	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	WEST	EAST	CEILING	NOTES
LEVEL 05		•	·			·		·	
CC01	LOBBY	CT-1	RB-2	PT-1	PT-1	PT-1	PT-1/PT-4	ACT-1/LW-1	1,3,5,7,10,11
CC02	CONFERENCE	CPT-3	RB-1	PT-2	PT-1	PT-1	PT-1	ACT-1/LW-1	10,11
CC03	RECEPTION	CPT-2	RB-1	-	-	PT-1/PT-4	PT-5	ACT-1/LW-1	1,3,5,7,10,11
CC04	OFFICE	CPT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT-1	10,11
CC05	WORK/PRINT	CPT-2	RB-1	PT-1	PT-1/PT-4	PT-1	PT-1	AFS/GWB	3,4,9,10,11,12
CC06	OPEN OFFICE	CPT-2	RB-1	PT-1		PT-1/AWP-5	PT-1	AFS	3,4,9,11,12,17
CC07	ALDER ROOM	CPT-1	RB-1	PT-5	PT-1/AWP-3	PT-1	PT-1	ACT-1	3,4,9,10,11
CC08	PRIVACY	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-2	ACT-1	10,11
CC09	CORRIDOR	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-5	ACT-1	-

						WALL			
ROOM#	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	WEST	EAST	CEILING	NOTES
LEVEL 05		•	•			·		'	
OIM01	LOBBY	CT-1	RB-2	PT-1	PT-1	PT-1	PT-1/PT-4	ACT-1/LW-1	1,3,4,5,7,10,11
OIM02	HUDDLE	CPT-1	RB-1	PT-1	PT-2	PT-1	PT-1	ACT-1	10,11
OIM03	RECEPTION	CPT-2	RB-1			PT-1/PT-4	PT-5	ACT-1/LW-1	1,3,5,7,11
OIM04	OFFICE	CPT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT-1	10,11
OIM05	WORK/PRINT	CPT-2	RB-1		PT-1	PT-1	PT-1/PT-4	AFS/GWB	1,3,4,5,11,12
OIM06	OPEN OFFICE	CPT-2	RB-1	AWP-1	PT-1	PT-1/PT-5	PT-1	AFS	9,10,11,12

			ROOM	FINISH SCHEDUI	LE - SHARED SF	ACES - LEVEL 05				SET TYP
	<u> </u>			WALL						DAT
ROOM#	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	WEST	EAST	CEILING	NOTES	ISSU
LEVEL 05				•						
SBC07	CORRIDOR	EXTG TO REMAIN	EXTG TO REMAIN/ RB-1	EXTG TO REMAIN/ PT		EXTG TO REMAIN/PT	EXTG TO REMAIN/PT	EXTG TO REMAIN	15	SHE
SBR05	BREAKROOM	RF-1/RF-2	RB-1	PT-1/PT-5	PT-2	PT-1	PT-1	ACT-1	3,10,11	NUM



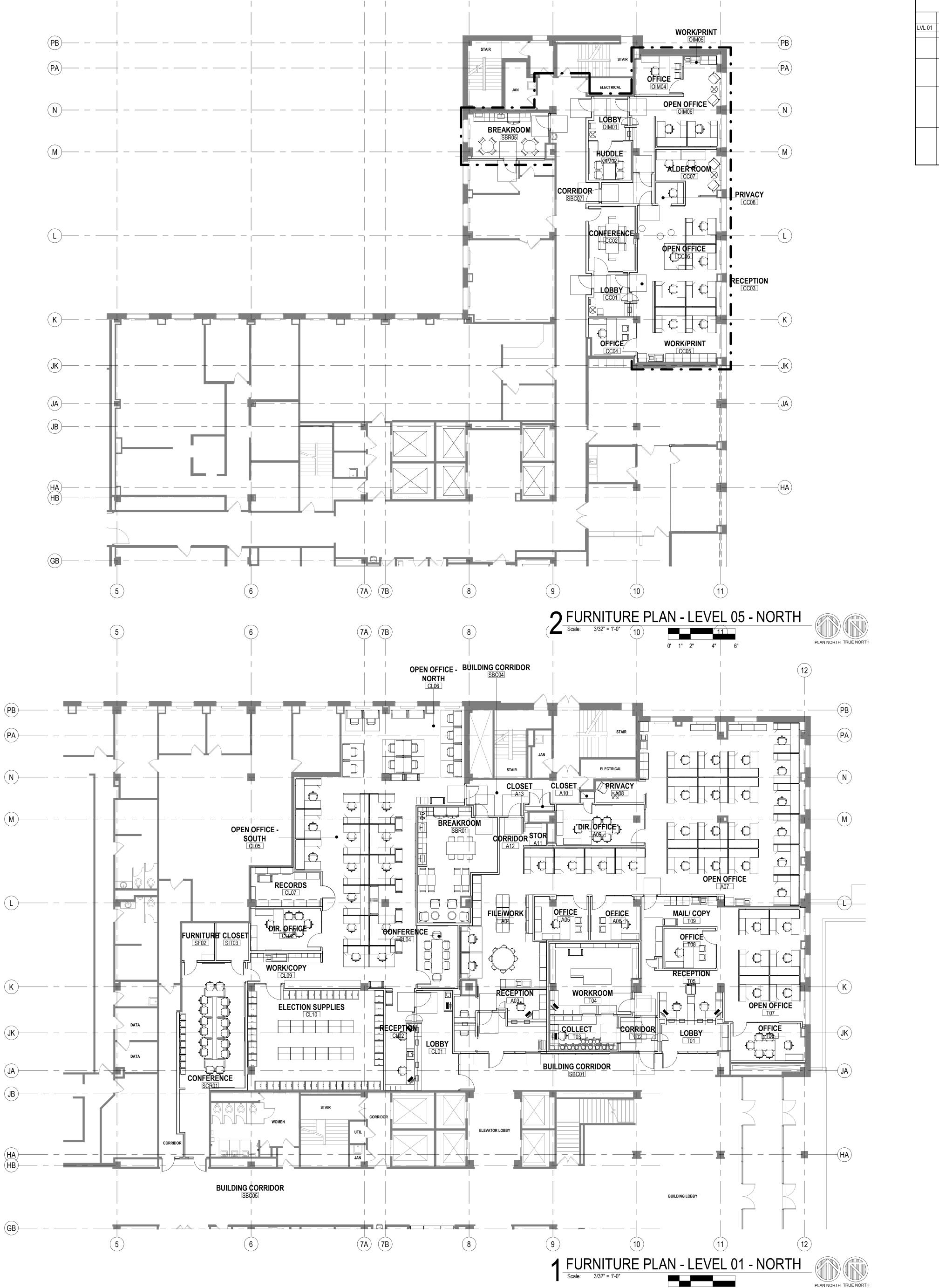
Jefferson St, Suite 200 Milwaukee, WI

CEILING

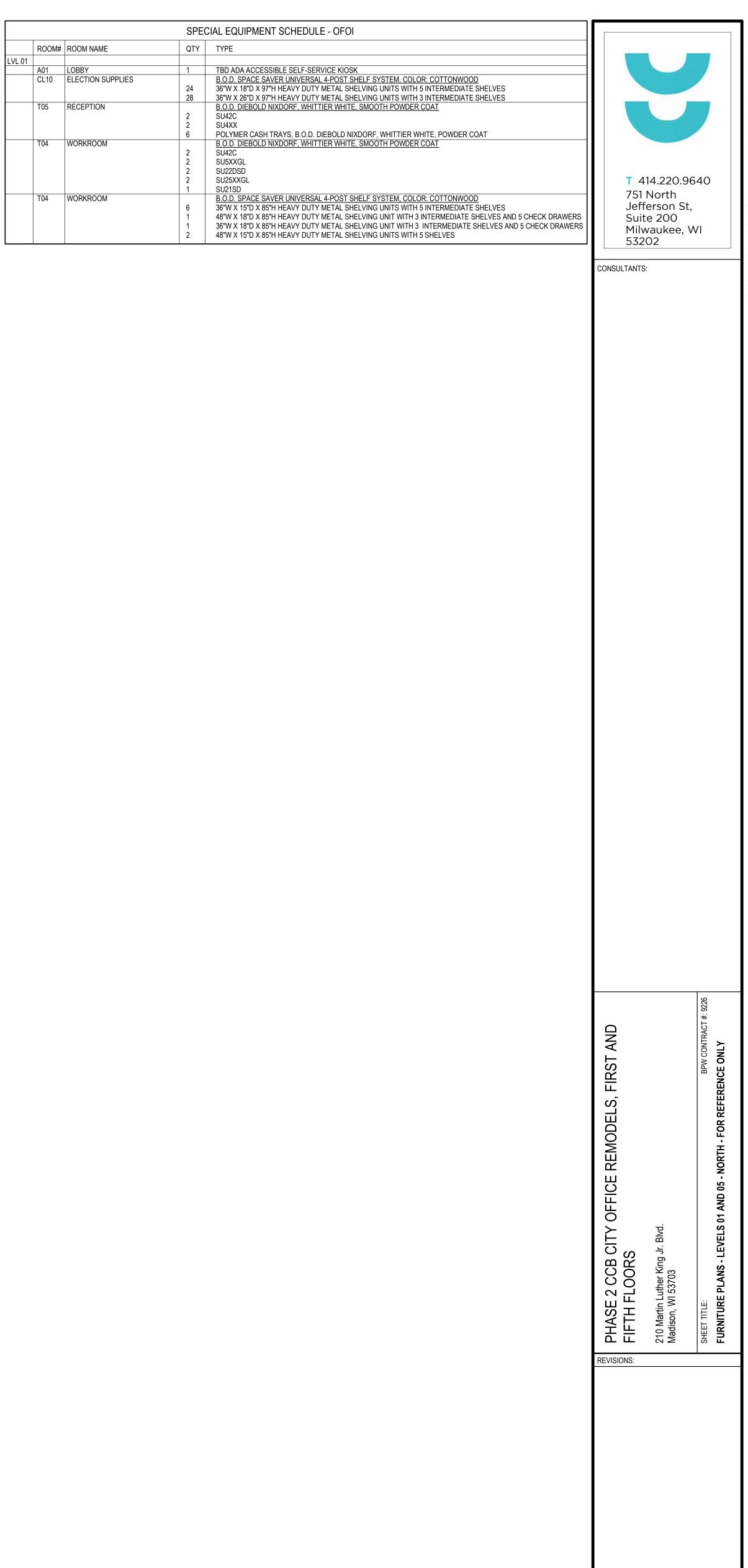
7,13,14

SCALE PROJECT NUMBER PLAN REVIEW

12/22/2022



0' 1" 2" 4" 6"



SHEET INCLUDED FOR REFERENCE ONLY

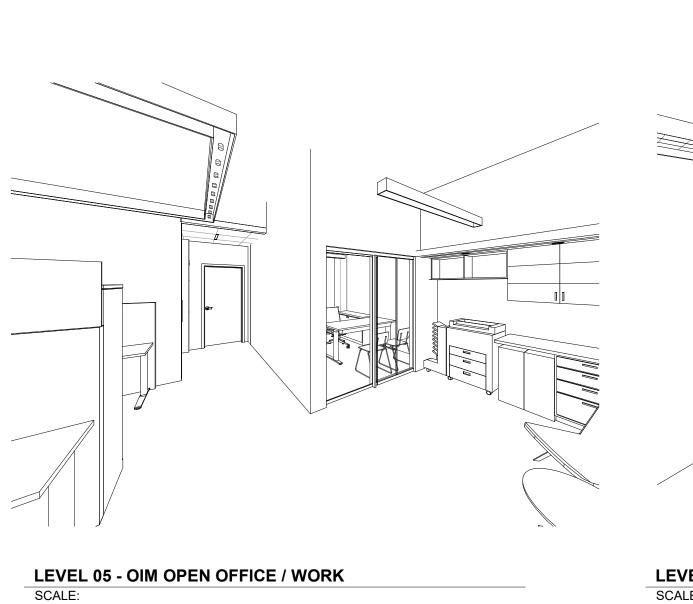
PLAN REVIEW

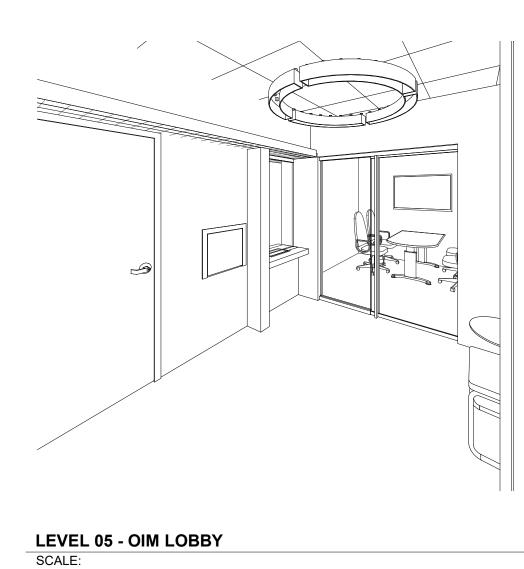
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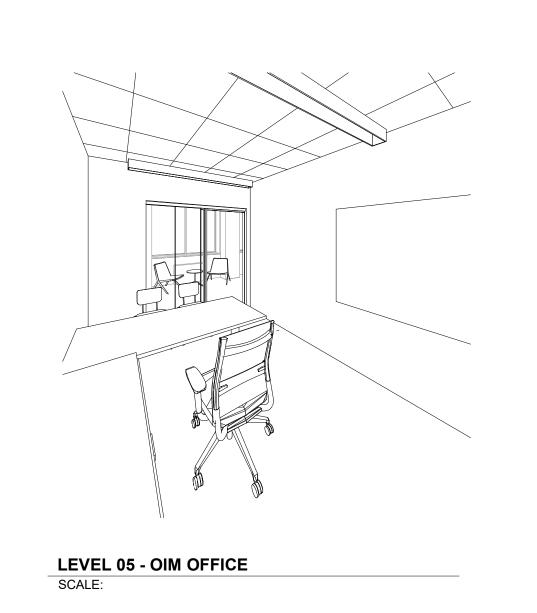
PROJECT NUMBER

DATE ISSUED

SHEET NUMBER









LEVEL 01 - SHARED BREAKROOM

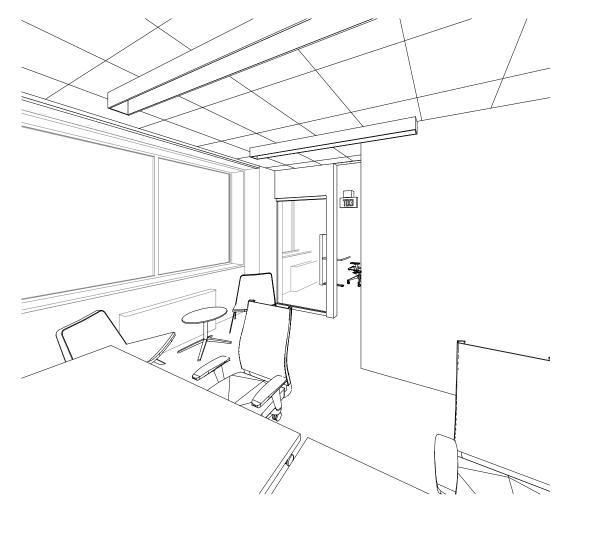




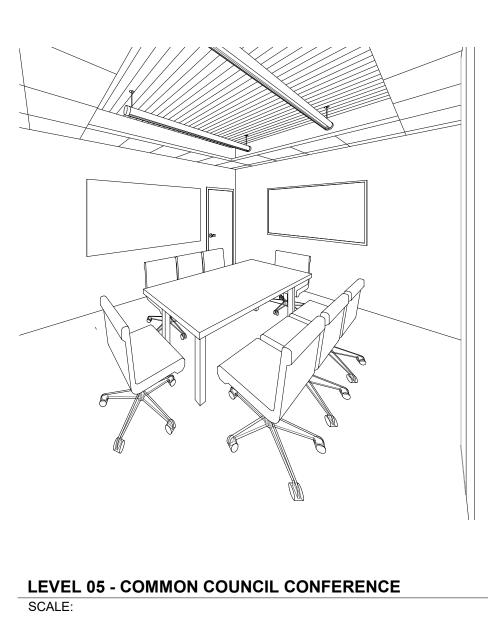
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PROJECT NUMBER

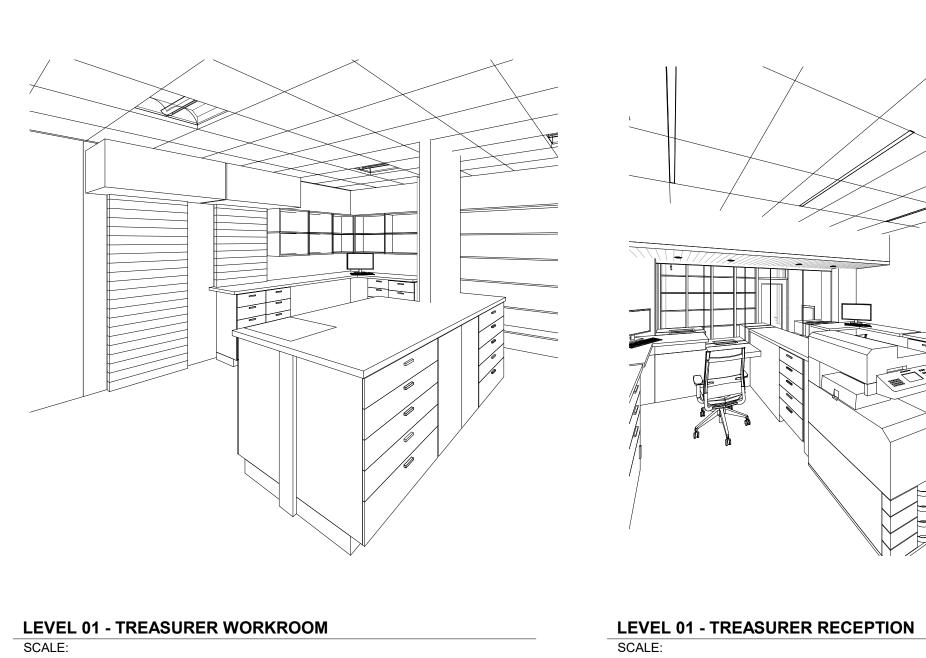
LEVEL 01 - TREASURER LOBBY SCALE:



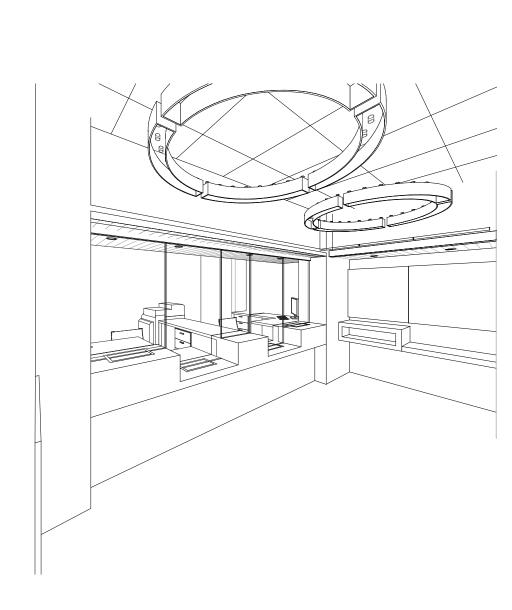
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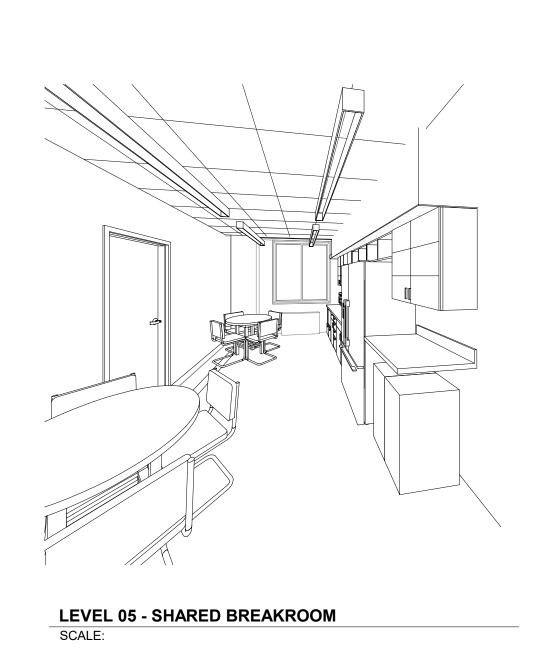


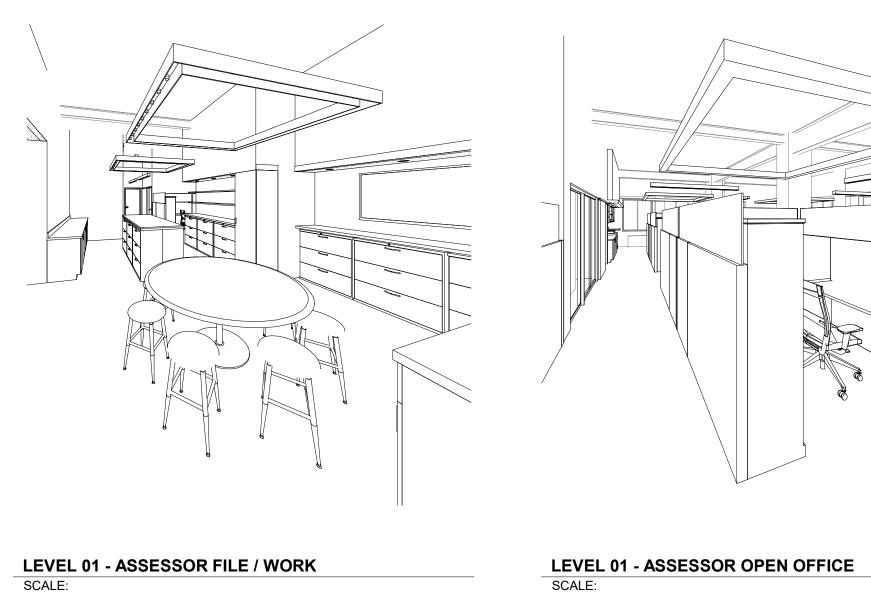




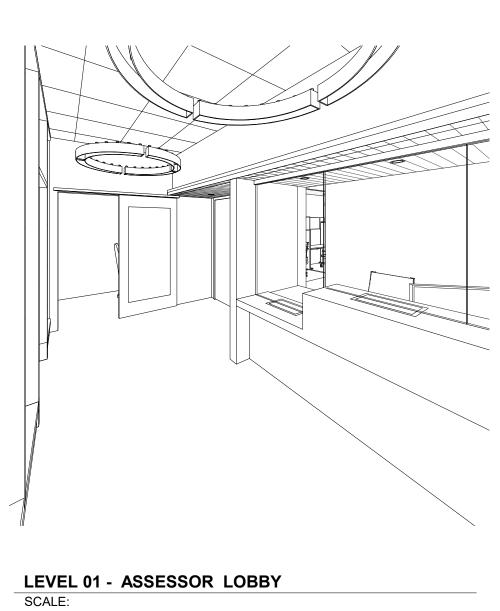


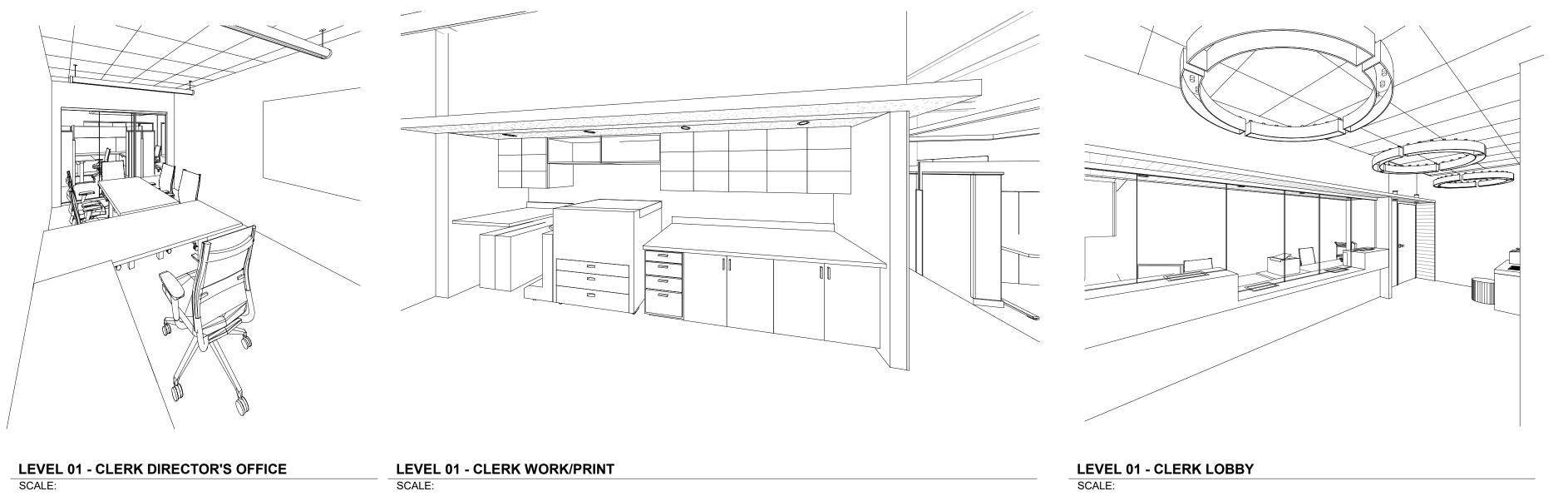




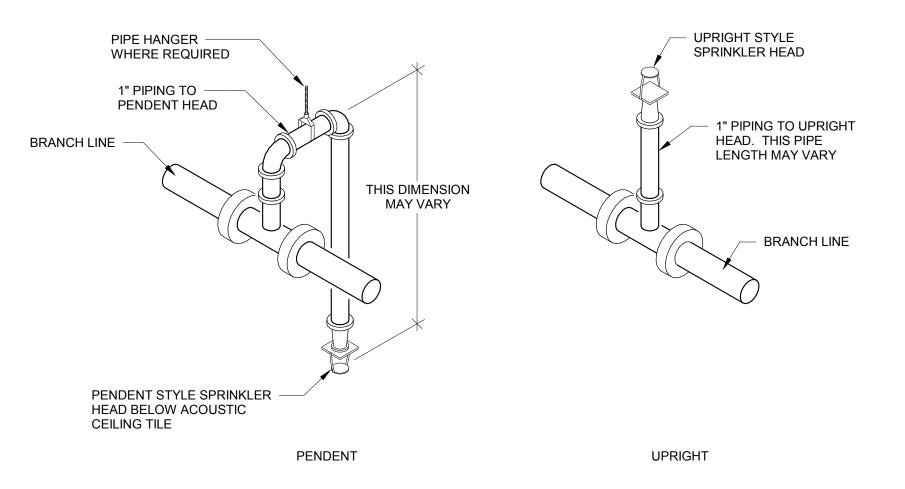




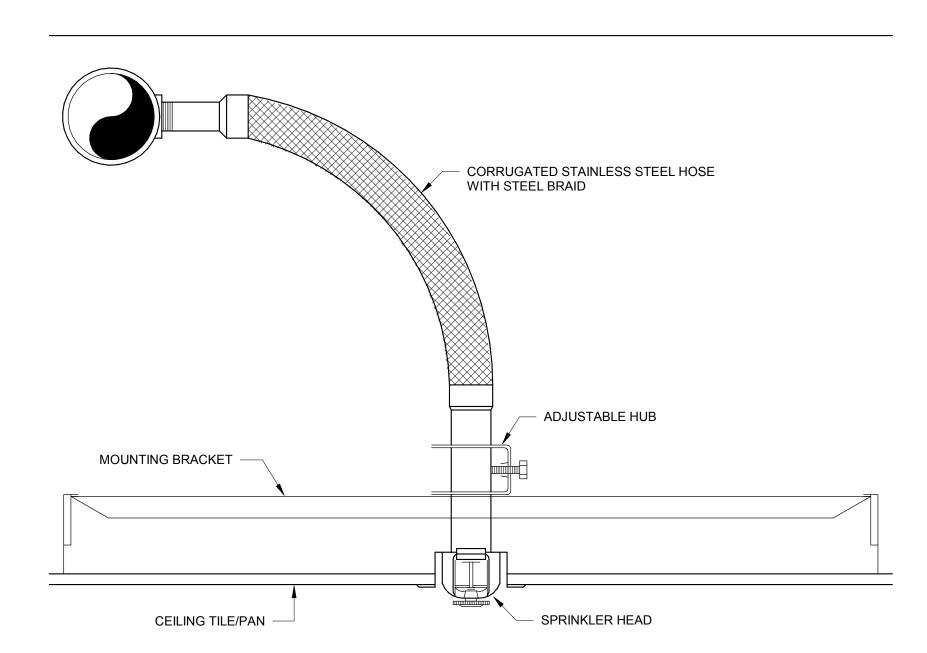












NOTES:

- 1. ALL HEADS ON WET SYSTEM UTILIZE FLEXIBLE ASSEMBLY WHERE POSSIBLE WHEN CLEARANCES ARE TIGHT - FINISH DROPS ARE HARD PIPED.
- 2. ALL HEADS SUPPLIED BY THE DRY SPRINKLER SYSTEM ARE HARD PIPED AS



FIRE PROTECTION NOTES:

1. VERIFY EXISTING BUILDING FIRE SUPPRESSION PRESSURE AND FLOW INFORMATION, VISIT THE BUILDING SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS

2. VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. AT SITE. DRAWINGS OF ALL OTHER TRADES SHALL BE REVIEWED. COORDINATE THE INSTALLATION AND SCHEDULING OF THE WORK WITH OTHER TRADES TO PREVENT INTERFERENCE WITH THEIR

RESPECTIVE INSTALLATION. 4. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL STRUCTURAL DIMENSIONS

5. IT IS THE INTENT OF THESE DRAWINGS THAT A COMPLETE WORKING SYSTEM, PROPERLY TESTED, WILL BE OPERATIONAL UPON COMPLETION OF INSTALLATION.

6. CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BID OPENING. THE ENGINEER RESERVES THE RIGHT TO FINAL INTERPRETATION.

7. ALL SPRINKLER PIPING SHALL BE LOCATED WITHIN THE JOIST SPACE UNLESS INDICATED OTHERWISE.

SPRINKLER/FIRE SUPPRESSION SYSTEM(S) SHALL BE DEFINED FOR INDIVIDUAL AREAS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES, EXPOSED STRUCTURE AND CEILING DEVICES. IN EXPOSED AREAS, COORDINATE PIPE ROUTING AND HEAD LAYOUT TO PROVIDE A CLEAN SYMMETRICAL INSTALLATION WITH DUCTWORK, LIGHTING, ETC.

9. COORDINATE ALL FIRE SUPPRESSION SYSTEM SHUTDOWNS WITH THE OWNER AND THE MADISON FIRE DEPARTMENT. SHUTDOWNS SHALL BE SCHEDULED AND SYSTEM SHALL BE REACTIVATED PRIOR TO THE END OF THE WORK DAY.

10. <u>INSTALL SPRINKLERS IN CENTER OF CEILING TILES WHERE APPLICABLE.</u>

FIRE PROTECTION NARRATIVE:

1. THE FIRE PROTECTION SYSTEM IS TO BE DESIGNED TO THE CONTRACT SCOPE DOCUMENTS, NFPA 13 LATEST EDITION, AND THE LOCAL AUTHORITY HAVING JURISDICTION REQUIREMENTS.

2. SPRINKLER COVERAGE AND PIPING SHALL BE WET PIPE HYDRAULICALLY DESIGNED BY THE FIRE PROTECTION CONTRACTOR BASED ON NFPA 13.

FIRE PROTECTION SYSTEM CLASSIFICATION:

LIGHT HAZARD OCCUPANCY:

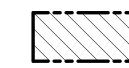
THE FIRE PROTECTION AREA ALLOTTED PER SPRINKLER SHALL NOT EXCEED 225 SQUARE FEET WITH THE MAXIMUM DISTANCE BETWEEN LINES AND SPRINKLERS ON LINES BEING 15 FEET. AREAS OF LIGHT HAZARD SHALL INCLUDE: ALL GENERAL OFFICE SPACE, BREAK ROOMS, AND CORRIDORS.

ORDINARY HAZARD OCCUPANCY:

THE FIRE PROTECTION AREA ALLOTTED PER SPRINKLER SHALL NOT EXCEED 130 SQUARE FEET WITH THE MAXIMUM DISTANCE BETWEEN LINES AND SPRINKLERS ON LINES BEING 15 FEET. AREAS OF LIGHT HAZARD SHALL INCLUDE: MECHANICAL ROOMS, JANITOR CLOSETS, AND STORAGE ROOMS.

HAZARD CLASSIFICATIONS:

LIGHT HAZARD CLASSIFICATION SPRINKLER HEADS: WHITE CONCEALED PENDANTS IN CEILINGS, BRONZE UPRIGHTS OR PENDANTS WHERE THERE ARE NO CEILINGS, OR ON EXPOSED PIPING.



ORDINARY GROUP 1 CLASSIFICATION SPRINKLER HEADS: WHITE CONCEALED PENDANTS IN CEILINGS, BRONZE UPRIGHTS OR PENDANTS WHERE THERE ARE NO CEILINGS, OR ON EXPOSED PIPING.

FIRE PROTECTION LEGEND:

——— F ———	FIRE SERVICE PIPING
	FIRE SUPPRESSION PIPING
XX (E)	EXISTING PIPE (SERVICE DESIGNATED)
— — —XX (E)— — —	EXISTING PIPE TO BE REMOVED/DEMOLISHED

GENERAL SYMBOLS:

GENERAL SYM	BULS:
1	TEE (DDANGU TO CIDE)
	TEE (BRANCH TO SIDE)
	TEE (BRANCH DOWN)
	RISER UP
	RISER DOWN
——————————————————————————————————————	UNION
	FLANGE
→	FLOW
-	CHECK VALVE
——————————————————————————————————————	PRESSURE REGULATING VALVE
TING NEW	
	POINT OF CONNECTION (POC)
	CAP
——⋈——	SHUTOFF VALVE
	PIPE STRAINER
FS	
	FLOW SWITCH
TS TS	TAMPER SWITCH
杰	
——————————————————————————————————————	OS&Y GATE VALVE
─	FIRE DEPARTMENT CONNECTION (FDC)
	FIXTURE STOP
O >	VALVE IN RISER
P	THERMOMETER
P	PRESSURE GAUGE
	ANGLE VALVE - FIRE HOSE CONNECTION
•	FLOOR DRAIN (FD)
•	FINISHED FLOOR ELEVATION
#	DEMOLITION KEYED NOTE
	NEW WORK KEVED NOTE

ABBREVIATIONS: ABOVE FINISHED FLOOR DOUBLE CHECK VALVE DRY STANDPIPE EXISTING TO REMAIN ELECTRICAL CONTRACTOR FIRE PROTECTION WATER SERVICE FIRE PROTECTION CONTRACTOR FIRE PUMP TEST CONNECTION GENERAL CONTRACTOR

NEW WORK KEYED NOTE

REVISION KEYED NOTE

TAG FOR CONTINUATION MATCH POINTS

HVAC CONTRACTOR OVERFLOW DRAIN

OVERFLOW ROOF DRAIN OIL VENT OW OIL WASTE OXYGEN

PLUMBING CONTRACTOR PRESSURE REGULATING VALVE SPRINKLER PIPING VENT

DOMESTIC WATER SERVICE

FIRE PROTECTION SHEET INDEX

F000N SYMBOLS, ABBREVIATIONS, NOTES, & DETAILS – FIRE PROTECTION F101N ENLARGED DEMOLITION PLAN - LEVEL 01 - NORTH - FIRE PROTECTION F103N ENLARGED DEMOLITION PLAN - LEVEL 05 - NORTH - FIRE PROTECTION F201N ENLARGED NEW WORK PLAN - LEVEL 01 - NORTH - FIRE PROTECTION F203N ENLARGED NEW WORK PLAN - LEVEL 05 - NORTH - FIRE PROTECTION

PLAN REVIEW

T 414.220.9640

751 North Jefferson St, Suite 200 Milwaukee, WI

53202

ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046 JDR PROJECT NO: 21.0191

LEVEL 01 - NORTH LEVEL 05 - NORTH

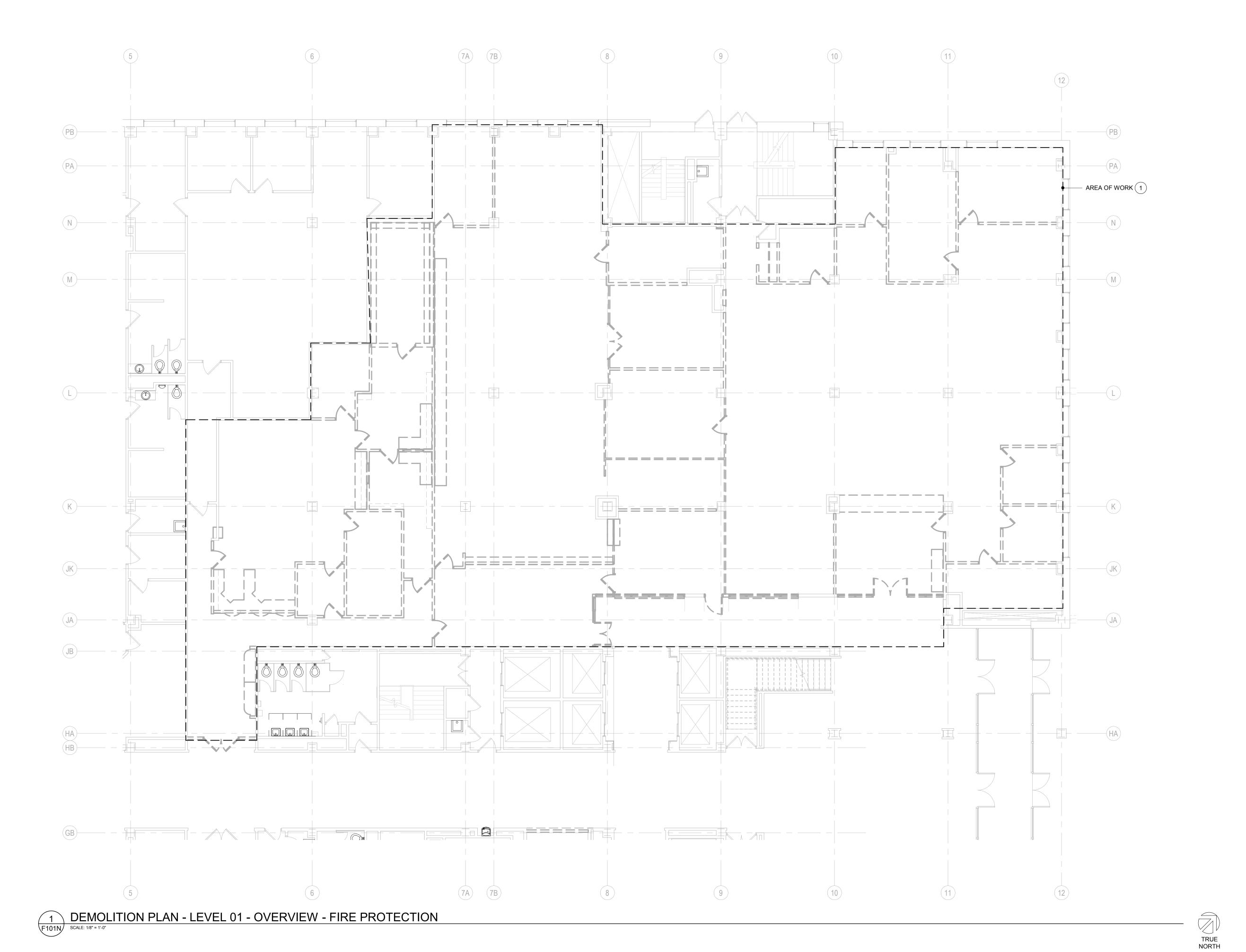
AREAS OF WORK

ز 2

REVISIONS:

SCALE

PROJECT NUMBER ISSUED



GENERAL NOTES:

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK OR ORDERING
- CONTRACTOR SHALL COORDINATE WITH HC, PC, AND EC FOR LOCATIONS OF NEW DUCTWORK, PIPING, FIXTURES, AND CONDUIT.
- 3. PROVIDE ADVANCE WARNING WHEN COORDINATING ALL SYSTEM SHUTDOWNS WITH OWNER AND MADISON FIRE DEPARTMENT.

KEYED NOTES:

1 DEMOLISH ALL EXISTING SPRINKLER HEADS AND PIPING REQUIRED IN AREA OF WORK. EXISTING SPRINKLER HEADS SHALL NOT BE REUSED. EXISTING SPRINKLER BRANCHES NO LONGER IN USE SHALL BE CAPPED AT THE NEAREST ACTIVE MAIN.



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CONSULTANTS:

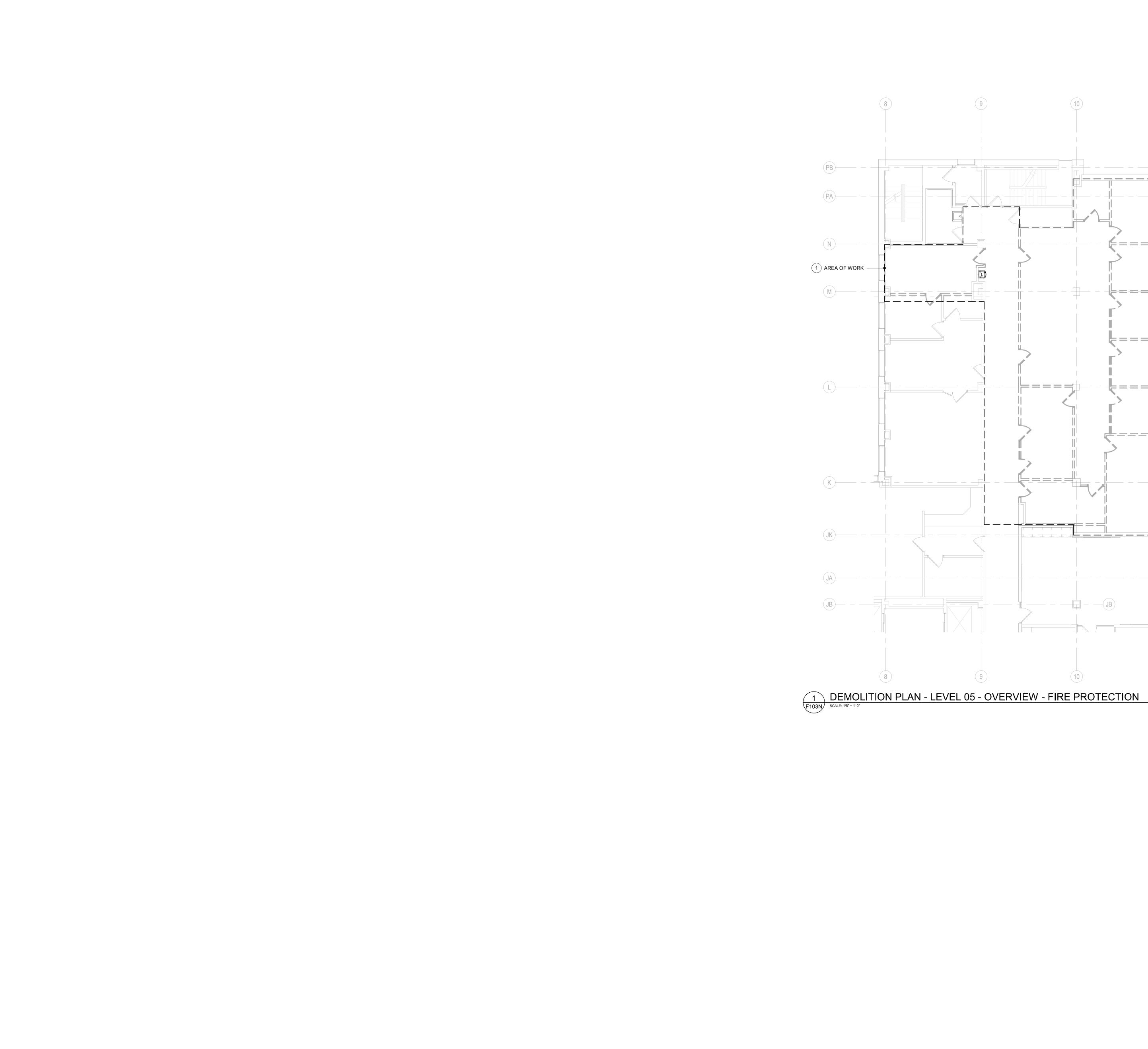
5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

JDR PROJECT NO: 21.0191

LEVEL 01 - NORTH LEVEL 05 - NORTH

PHASE 2 CCB CITY (FIFTH FLOORS

REVISIONS:



GENERAL NOTES:

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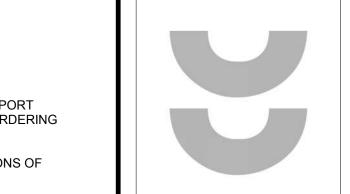
KEYED NOTES:

1 AREA OF WORK -

— AREA OF WORK 1

TRUE

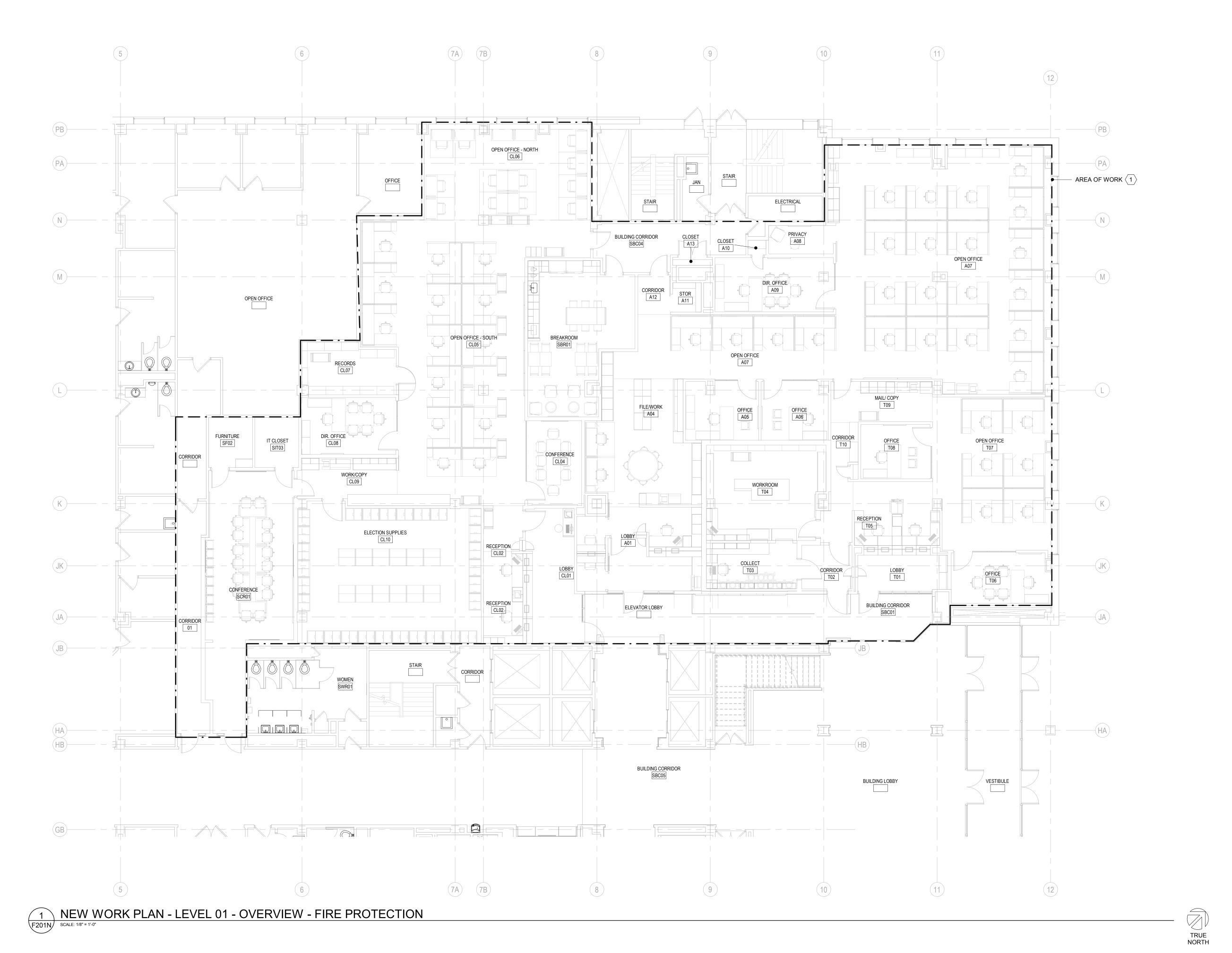
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KEYED NOTES:

1 PROVIDE ALL NEW SPRINKLER HEADS AND PIPING IN AREAS OF NEW WORK. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF NEW CEILINGS AND AREAS OF NO CEILINGS OPEN TO STRUCTURE.



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JDR PROJECT NO: 21.0191

PHASE 2 CCB CITY (FIFTH FLOORS

REVISIONS:

HAZARD CLASSIFICATIONS:

LIGHT HAZARD CLASSIFICATION
SPRINKLER HEADS: WHITE CONCEALED PENDANTS IN CEILINGS, BRONZE UPRIGHTS OR PENDANTS WHERE THERE ARE NO CEILINGS, OR ON EXPOSED PIPING.



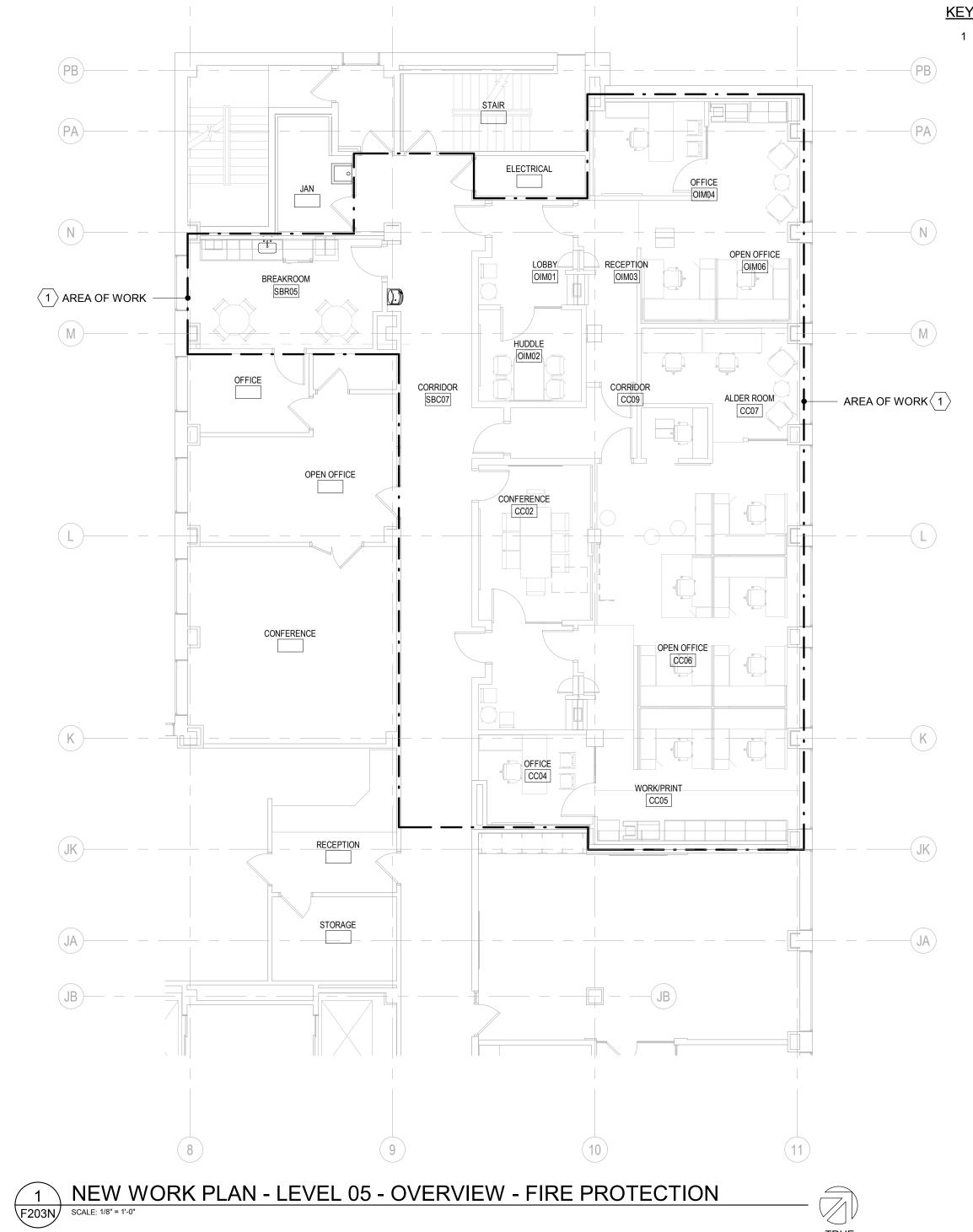
ORDINARY GROUP 1 CLASSIFICATION SPRINKLER HEADS: WHITE CONCEALED PENDANTS IN CEILINGS, BRONZE UPRIGHTS OR PENDANTS WHERE THERE ARE NO CEILINGS, OR ON

SCALE	
PROJECT NUMBER	210101
SET TYPE	PLAN REVIEW
DATE ISSUED	12/22/2022

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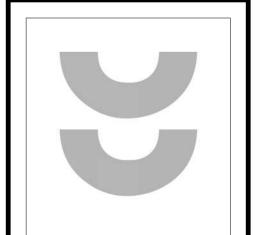
HAZARD CLASSIFICATIONS:

TRUE NORTH

LIGHT HAZARD CLASSIFICATION
SPRINKLER HEADS: WHITE CONCEALED PENDANTS IN CEILINGS, BRONZE UPRIGHTS OR PENDANTS WHERE THERE ARE NO CEILINGS, OR ON EXPOSED PIPING.



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CONSULTANTS:

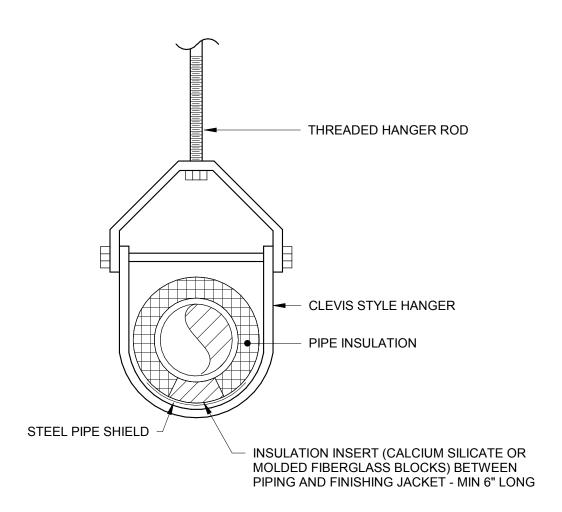
5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046 JDR PROJECT NO: 21.0191

SCALE PROJECT NUMBER PLAN REVIEW

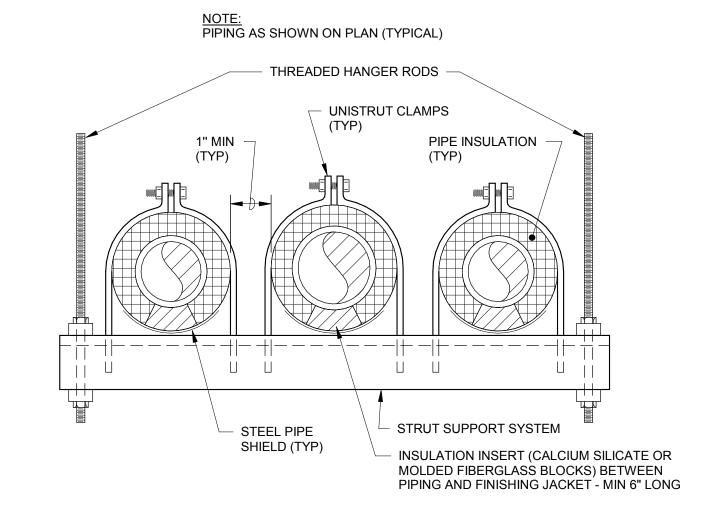
DATE ISSUED 12/22/2022

										PLUMBING FIXTURES SCHEDULE				
			WASTE			WA	WATER		DETAIL					
ID	FIXTURE	DFU	TRAP	VENT (MIN)		OLD		нот		DESCRIPTION / REMARKS				
<u>GD-1</u>	GARBAGE DISPOSAL			(IVIIIV)	CWFU	SIZE	HWFU	SIZE		FIXTURE: INSINKERATOR EVOLUTION SERIES, SOUND INSULATING, ANTI-VIBRATION MOUNT, 120V / 1HP / 1PH / 10.2 AMPS/ 1725 RPM.				
										FIXTURE: ELKAY LUSTERSTONE ELUHAD211555 UNDERMOUNT SINK, SINGLE BOWL, 18 GAUGE TYPE 304 STAINLESS STEEL, 23.5" x 18.25" x 5.375" DEEP OVERALL SIZE, ADA COMPLIANT.				
							1.5			FAUCET: KOHLER SIMPLICE K-596-CP MANUAL MIXING FAUCET, 9" SWING GOOSENECK SPOUT WITH PULL-DOWN SPRAYER, SINGLE LEVER VOLUME AND TEMPERATURE CONTROL, 1.5 GPM AERATOR, SINGLE HOLE MOUNTING WITH SPOUT CENTERED BEHIND SINK, VIBRANT STAINLESS FINISH, ADA COMPLIANT.				
<u>S-1</u>	SINK (BREAKROOM)	2	1 1/2"	1 1/2"	1.5	1/2"		1/2"		HOT WATER DISPENSER AND FAUCET: INSINKERATOR C1300 DISPENSER AND FAUCET SYSTEM, UNDERSINK WATER HEATER WITH 2/3 GALLON HOT WATER TANK, ADJUSTABLE TEMPERATURE DIAL, CHROME PLATED BRASS CONSTRUCTION FAUCET WITH LEVER HANDLE. PC SHALL SUPPORT WATER HEATER WITH BRACKET. ELECTRICAL: 115V, 1 PH, 1300 WATTS, 11.3 AMPS, WITH CORD AND GROUNDED PLUG.				
	,									COLD DRINKING WATER FAUCET: INSINKERATOR F-C1100 COLD WATER FAUCET, CHROME PLATED BRASS CONSTRUCTION WITH LEVER HANDLE. OWNER SHALL PROVIDE OMNIFILTER FOR PC TO INSTALL, PC SHALL PROVIDE ALL MOUNTING AND FITTINGS FOR CONNECTION TO/FROM FILTER TO DINKING WATER FAUCET.				
										TRAP & DRAIN: CHROME PLATED 17 GAUGE CAST BRASS TRAP OFF OF GD-1, WITH BASKET STRAINER DRAIN.				
										STOPS & SUPPLIES: McGUIRE LFBV2165CC, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.				
										FIXTURE: ELKAY LUSTERSTONE ELUHAD211555 UNDERMOUNT SINK, SINGLE BOWL, 18 GAUGE TYPE 304 STAINLESS STEEL, 23.5" x 18.25" x 5.375" DEEP OVERALL SIZE, ADA COMPLIANT.				
<u>S-2</u>	SINK (COMFORT ROOM)	2	1 1/2"	1 1/2"	1.5	1/2"	1.5	1/2"		FAUCET: KOHLER SIMPLICE K-596-CP MANUAL MIXING FAUCET, 9" SWING GOOSENECK SPOUT WITH PULL-DOWN SPRAYER, SINGLE LEVER VOLUME AND TEMPERATURE CONTROL, 1.5 GPM AERATOR, SINGLE HOLE MOUNTING WITH SPOUT CENTERED BEHIND SINK, VIBRANT STAINLESS FINISH, ADA COMPLIANT.				
	(COMPORT ROOM)									TRAP & DRAIN: CHROME PLATED 17 GAUGE CAST BRASS TRAP OFF OF GD-1, WITH BASKET STRAINER DRAIN.				
										STOPS & SUPPLIES: McGUIRE LFBV2165CC, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.				

GENERAL SYMBOLS: PLUMBING LEGEND: ABBREVIATIONS: ABOVE FINISHED FLOOR COLD WATER AFG ABOVE FINISHED GRADE TEE (BRANCH TO SIDE) COLD SOFT WATER TEE (BRANCH DOWN) CO CS CLEANOUT COLD SOFT WATER HOT WATER RISER UP CW COLD WATER HOT WATER RECIRCULATION RISER DOWN CLEAR WATER VENT CLEAR WATER WASTE NON-POTABLE COLD WATER CLEANOUT (CO) DRINKING FOUNTAIN WALL CLEANOUT (WCO) TEMPERED WATER DOWNSPOUT NOZZLE FLOOR CLEANOUT (FCO) DOMESTIC WATER SERVICE DISHWASHER YARD CLEANOUT (YCO) SANITARY DRAIN, WASTE OR SEWER EXISTING TO REMAIN DOWNSPOUT NOZZLE (DSN) ELECTRICAL CONTRACTOR ELECTRIC WATER COOLER — — CWV — — CLEAR WATER VENT FLANGE FCO FM FLOOR CLEANOUT CLEAR WATER WASTE FORCE MAIN ___ FIRE PROTECTION CONTRACTOR **GREASE WASTE** CHECK VALVE STORM DRAIN CONDUCTOR OR SEWER NATURAL GAS **──** PRESSURE REGULATING VALVE GENERAL CONTRACTOR OVERFLOW DRAIN GREASE TRAP/INTERCEPTOR SOLENOID VALVE **GREASY WASTE** ---- (E) XX ---- EXISTING VENT (SERVICE DESIGNATED) HOSE BIBB (HB) OR WALL HYDRANT (WH) HOSE BIBB EXISTING WATER (SERVICE DESIGNATED) EXISTING NEW HVAC CONTRACTOR POINT OF CONNECTION (POC) EXISTING PIPE TO BE REMOVED/DEMOLISHED **HOT WATER** HWR HOT WATER RECIRCULATION **— — — XX — — —** EXISTING VENT TO BE REMOVED/DEMOLISHED BALANCING VALVE INVERT ELEVATION SHUTOFF VALVE LAVATORY LAUNDRY TRAY PIPE STRAINER MOP BASIN → FIXTURE STOP **○→** VALVE IN RISER NON-POTABLE COLD WATER OVERFLOW DRAIN THERMOMETER OVERFLOW ROOF DRAIN PRESSURE GAUGE PLUMBING CONTRACTOR PRESSURE REGULATING VALVE WATER HAMMER ARRESTOR REVERSE OSMOSIS WATER REDUCED PRESSURE ZONE BACKFLOW PREVENTER RELIEF VALVE SANITARY SHOWER SPR SPRINKLER PIPING OR RPBP - REDUCED PRESSURE ZONE BACKFLOW PREVENTER STORM RPBP TEMPERED WATER THERMOSTATIC MIXING VALVE FLOOR DRAIN (FD) URINAL HUB DRAIN (HD) VENT AREA DRAIN (AD) VTR VENT THRU ROOF ROOF DRAIN (RD) OR OVERFLOW DRAIN (ORD) DOMESTIC WATER SERVICE WATER CLOSET FLOOR SINK (FS) WALL CLEAN OUT WASHING MACHINE WALL BOX FINISHED FLOOR ELEVATION WALL HYDRANT FIXTURE UNITS - DRAINAGE OR SUPPLY (DFU OF WSFU) (XX)WATER HAMMER ARRESTOR WHR WATER HEATER DEMOLITION KEYED NOTE WATER SOFTENER NEW WORK KEYED NOTE YARD CLEANOUT REVISION KEYED NOTE TAG FOR CONTINUATION MATCH POINTS



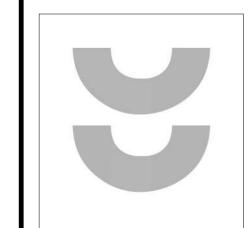






PLUMBING SHEET INDEX

P000N SYMBOLS, ABBREVIATIONS, DETAILS, & SCHEDULES - PLUMBING P101N ENLARGED DEMOLITION PLAN - LEVEL 01 - NORTH - PLUMBING P103N ENLARGED DEMOLITION PLAN - LEVELS 04 & 05 - PLUMBING P201N ENLARGED NEW WORK PLAN - LEVEL 01 - NORTH - PLUMBING P203N ENLARGED NEW WORK PLAN - LEVELS 04 & 05 - PLUMBING



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JDR PROJECT NO: 21.0191

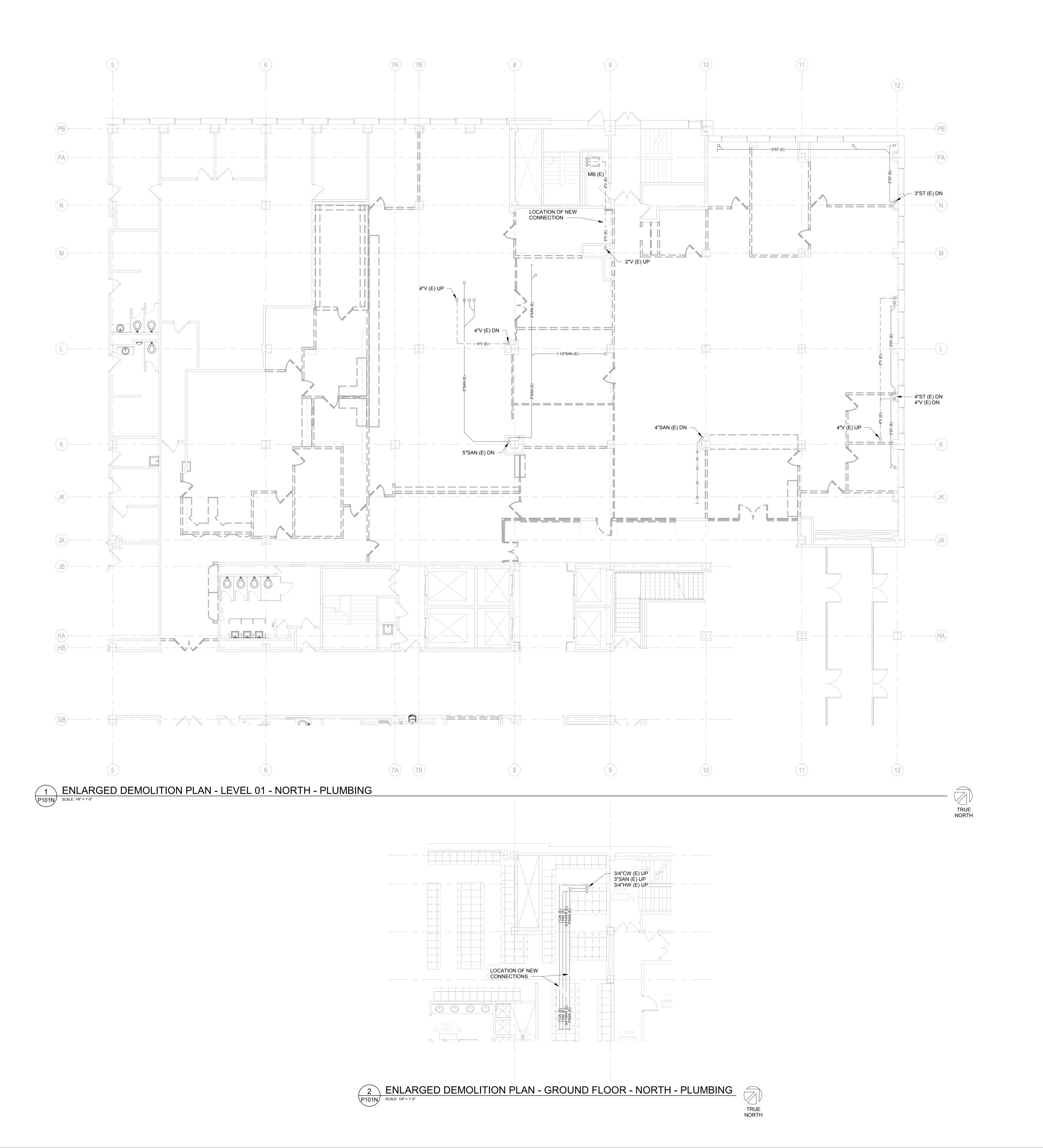
LEVEL 01 - NORTH LEVEL 05 - NORTH

REVISIONS:

SCALE PROJECT NUMBER PLAN REVIEW

12/22/2022 ISSUED

SHEET POON



- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK OR ORDERING MATERIALS.
- CONTRACTOR SHALL COORDINATE WITH HC, FPC, AND EC FOR LOCATIONS OF NEW DUCTWORK, PIPING, FIXTURES, AND CONDUIT.
- 3. PROVIDE ADVANCE WARNING WHEN COORDINATING ALL SYSTEM SHUTDOWNS WITH OWNER.



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LEVEL 01 - NORTH LEVEL 05 - NORTH

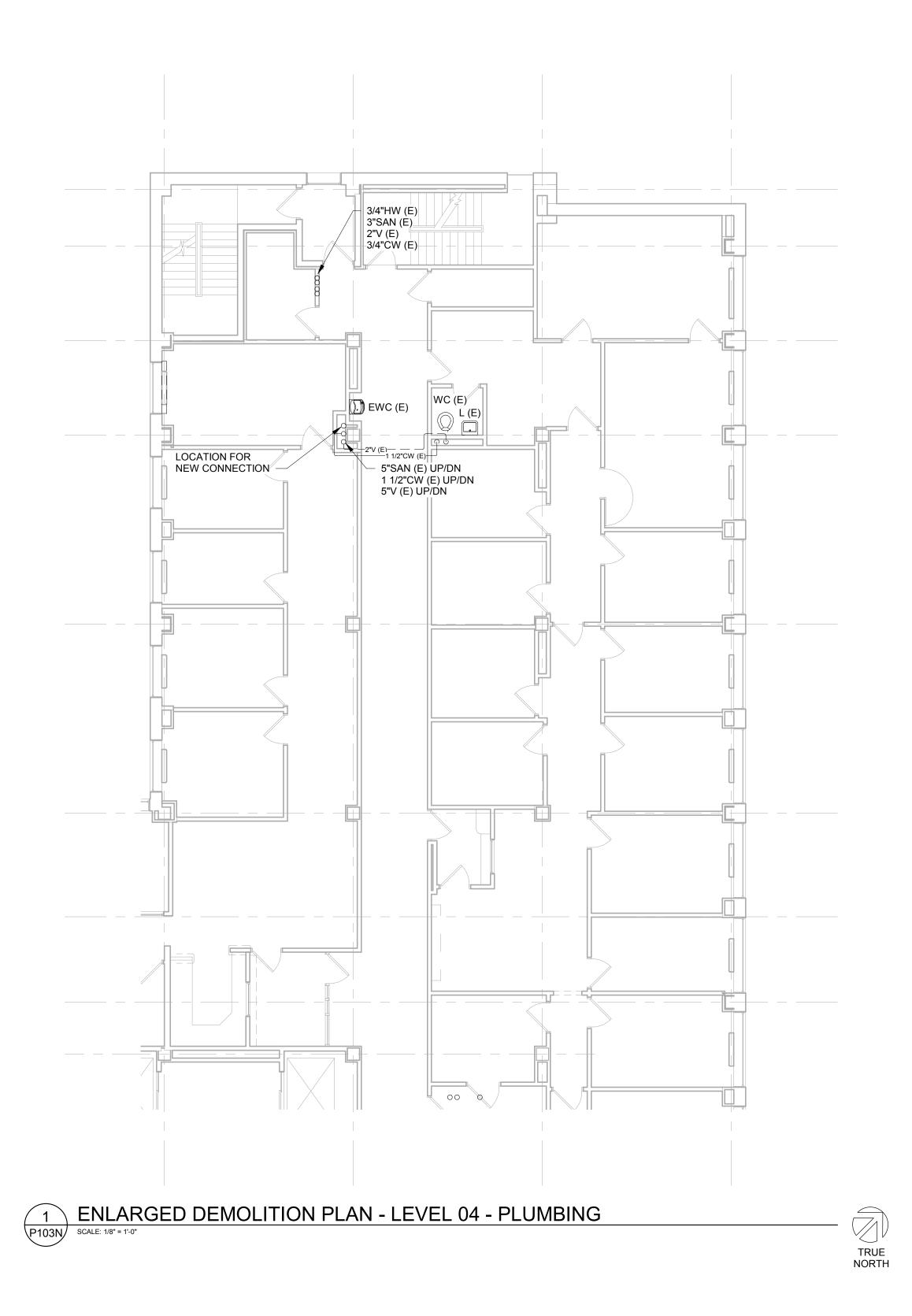
PHASE 2 CCB CITY (FIFTH FLOORS REVISIONS:

SCALE

PROJECT NUMBER

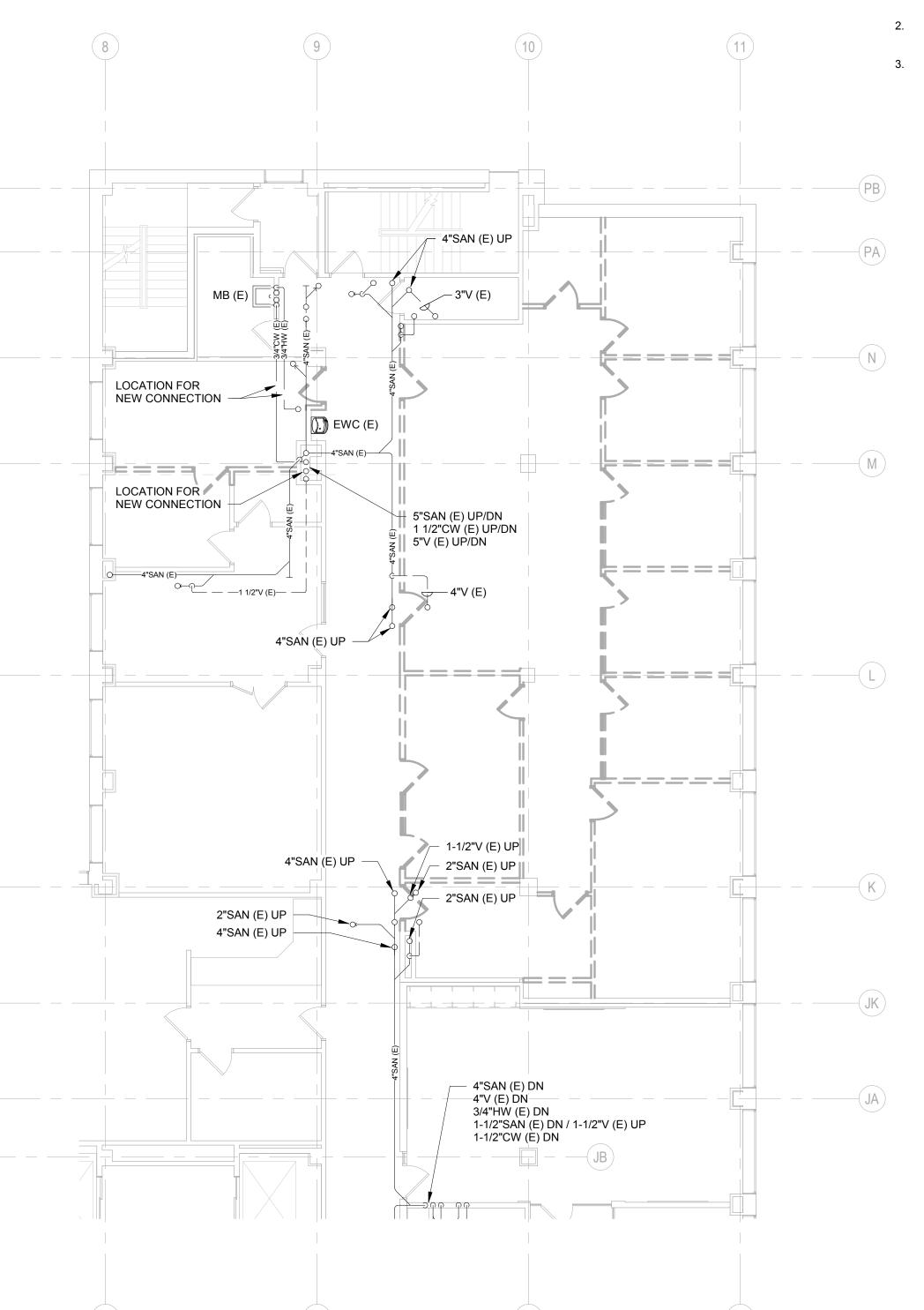
PLAN REVIEW DATE ISSUED

SHEET P101N



TRUE NORTH

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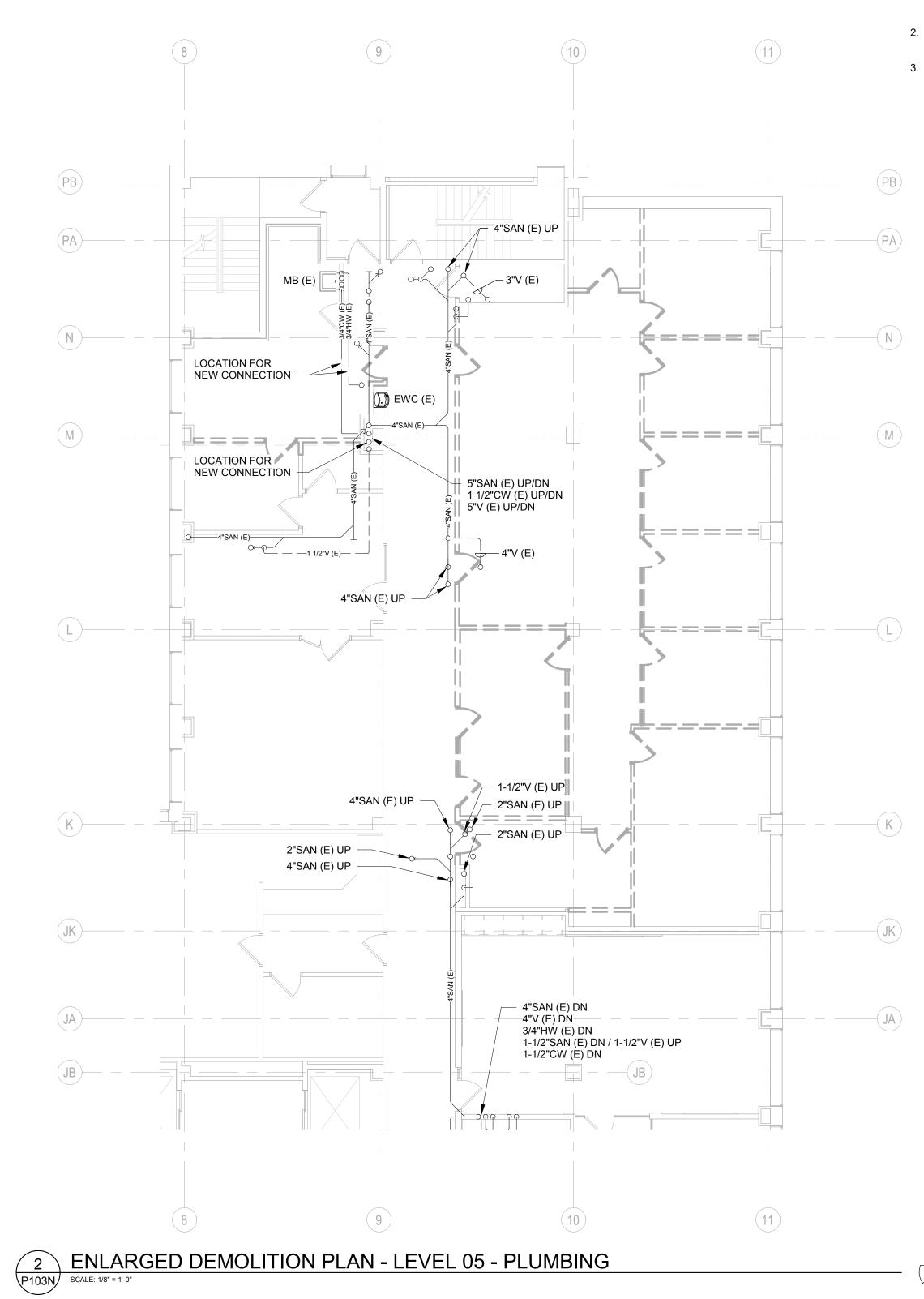
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JDR PROJECT NO: 21.0191

751 North Jefferson St, Suite 200 Milwaukee, WI

53202

CONSULTANTS:





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- PROVIDE ADVANCE WARNING WHEN COORDINATING ALL SYSTEM SHUTDOWNS WITH OWNER.

KEYED NOTES:

- 1 CONNECT WATER AND SANITARY FROM BELOW. SINK SHALL INCLUDE FILTERED DRINKING WATER FAUCET, AND FILTERED HOT WATER FAUCET AND DISPENSER. REFER TO PLUMBING FIXTURE
- 2 TEMPORARILY REMOVE CEILING FOR INSTALLATION OF NEW PIPING AND REINSTALL. COORDINATE WITH GC.

T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI

53202

CONSULTANTS: ENGINEERING, INC. 5525 NOBEL DRIVE

SUITE 110 MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

JDR PROJECT NO: 21.0191

LEVEL 01 - NORTH LEVEL 05 - NORTH

AREAS OF WORK

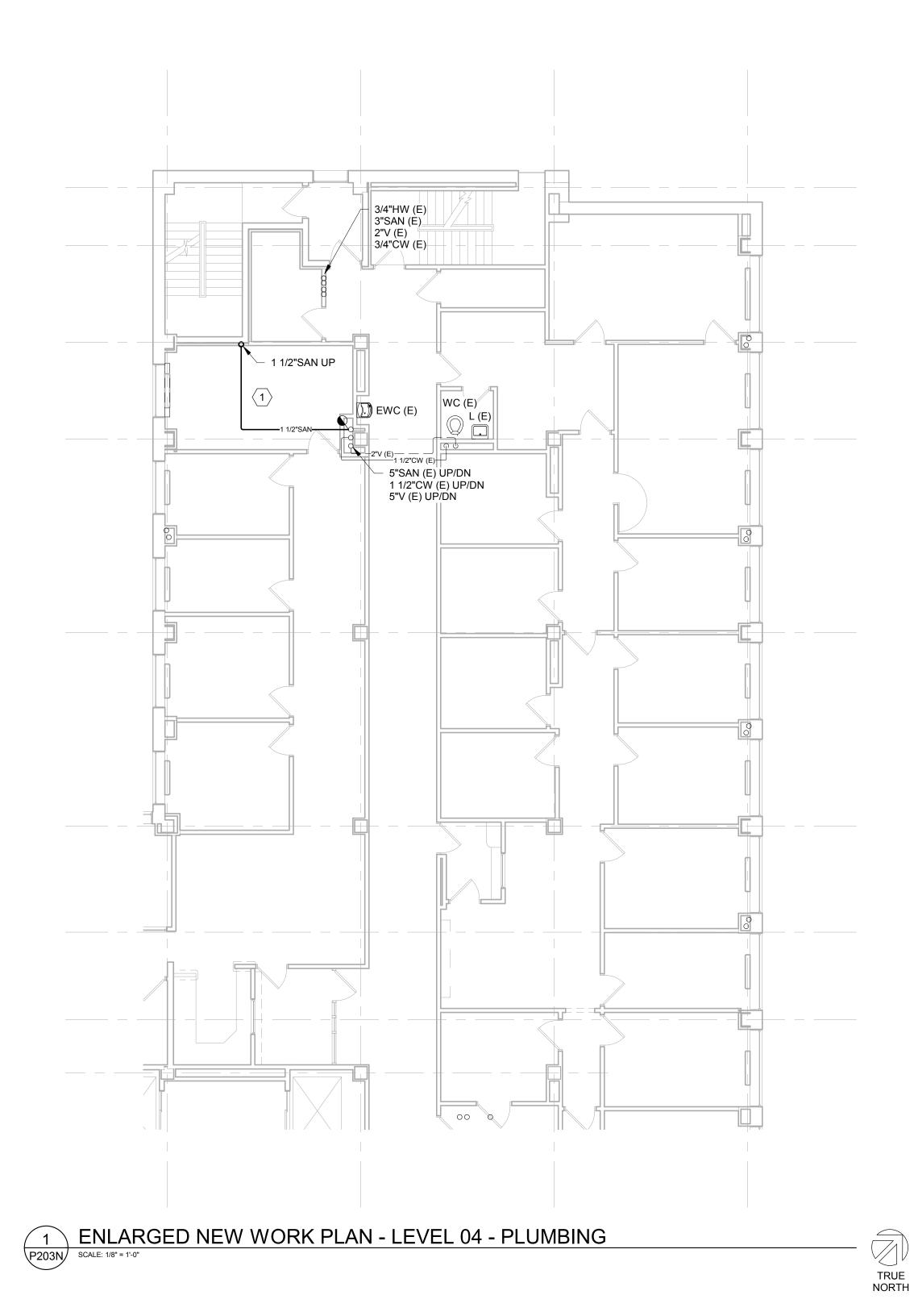
PHASE 2 CCB CITY OFFICE FIFTH FLOORS

REVISIONS:

PROJECT NUMBER

PLAN REVIEW DATE ISSUED

P201N SHEET NUMBER



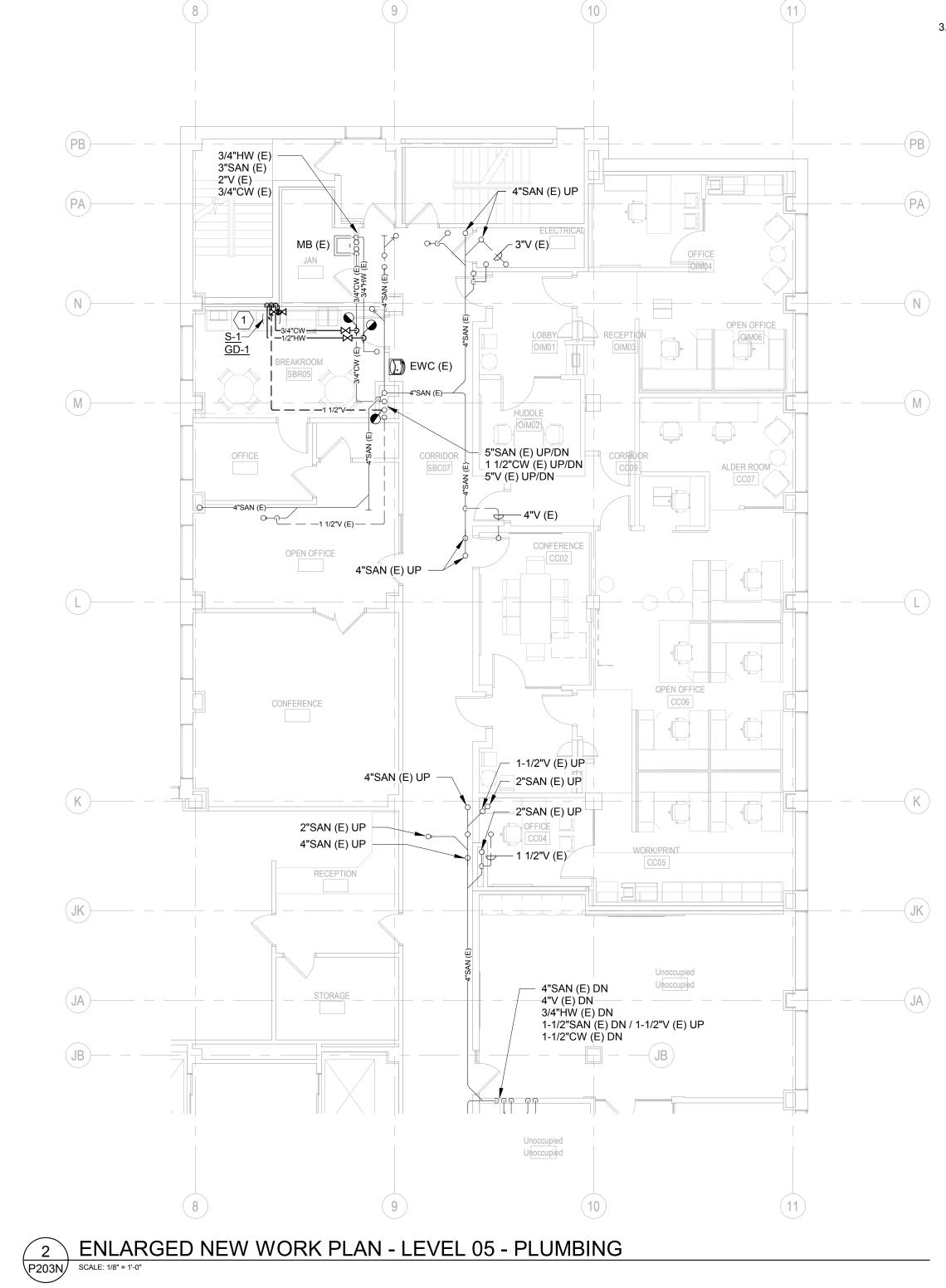
KEYED NOTES:

1 TEMPORARILY REMOVE CEILING FOR INSTALLATION OF NEW PIPING AND REINSTALL. COORDINATE WITH GC.

GENERAL NOTES:

TRUE NORTH

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK OR ORDERING MATERIALS.
- CONTRACTOR SHALL COORDINATE WITH HC, FPC, AND EC FOR LOCATIONS OF NEW DUCTWORK, PIPING, FIXTURES, AND CONDUIT.
- 3. PROVIDE ADVANCE WARNING WHEN COORDINATING ALL SYSTEM SHUTDOWNS WITH OWNER.



KEYED NOTES:

SINK SHALL INCLUDE FILTERED DRINKING WATER FAUCET, AND FILTERED HOT WATER FAUCET AND DISPENSER. REFER TO PLUMBING FIXTURE SCHEDULE.



T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

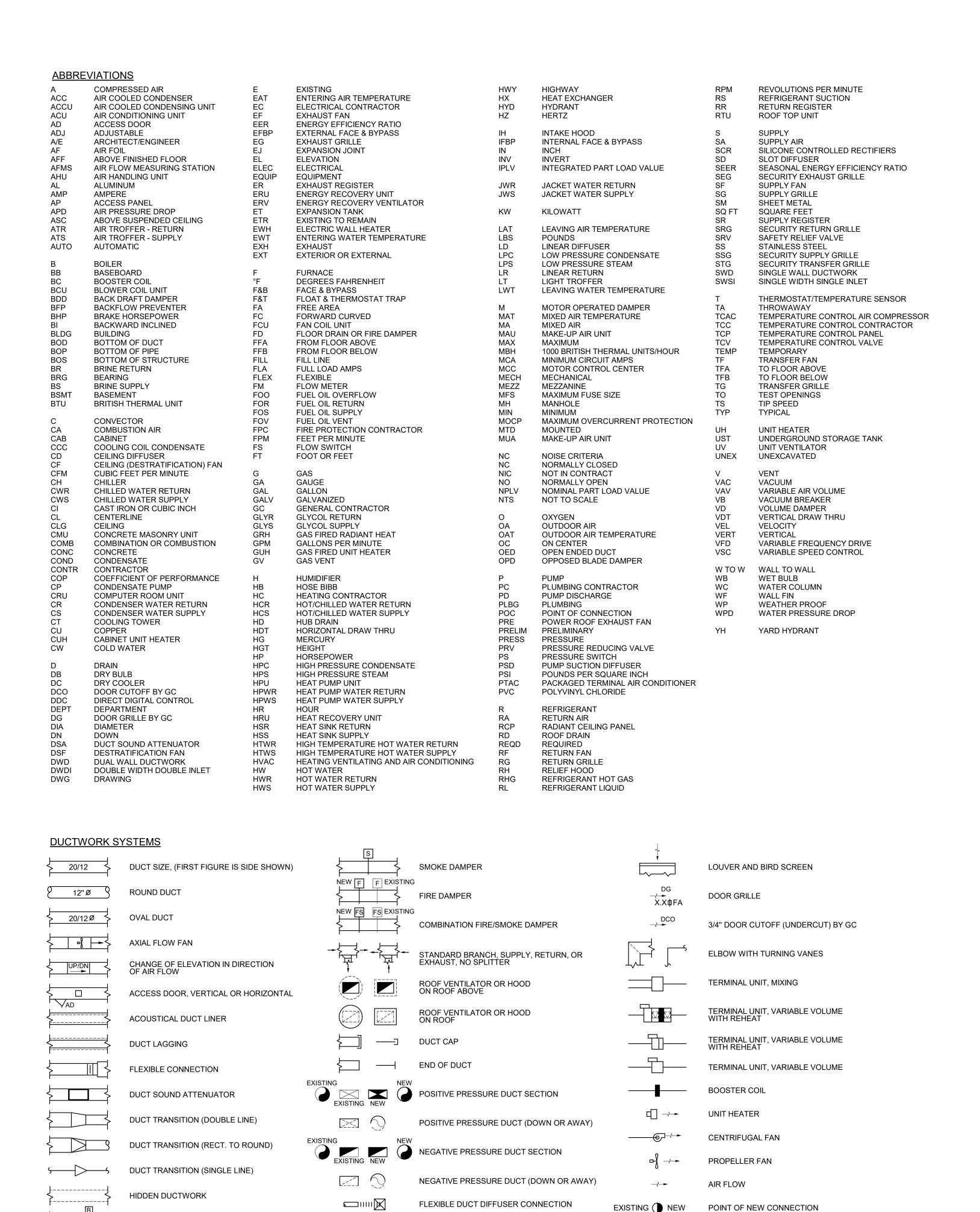
CONSULTANTS:

ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

JDR PROJECT NO: 21.0191

LEVEL 01 - NORTH LEVEL 05 - NORTH

PHASE 2 CCB CITY (FIFTH FLOORS REVISIONS:



SIDEWALL AIR DEVICE

SUPPLY AIR DEVICE

SIZE

EXHAUST, RETURN, OR TRANSFER AIR DEVICE

LINEAR OR SLOT AIR DEVICE

TRANSFER GRILLE ASSEMBLY

BACK DRAFT DAMPER

DUCT HEATER, ELECTRIC

MOTOR OPERATED DAMPER

MANUAL VOLUME DAMPER

SMOKE DETECTOR

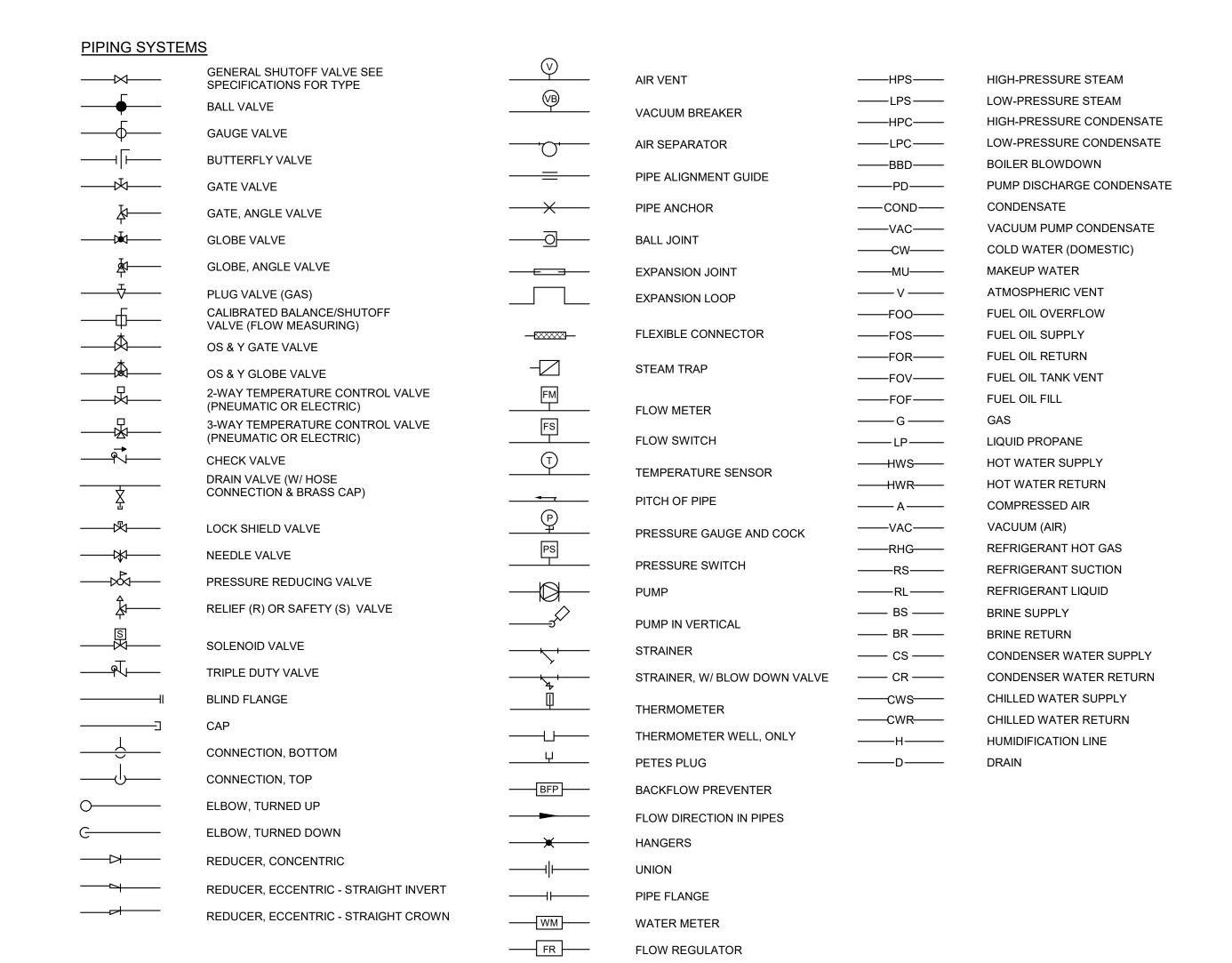
(PIPE OR DUCT)

SQUARE FEET

ELEVATION SYMBOL

MAXIMUM SECURITY BARS

MEDIUM SECURITY BARS



GENERAL SYM	<u>IBOLS</u>
Т	THERMOSTAT OR TEMPERATURE SENSOR
T	THERMOSTAT OR TEMPERATURE SENSOR WITH SECURITY COVER
Н	HUMIDISTAT OR HUMIDITY SENSOR
H	HUMIDISTAT OR HUMIDITY SENSOR WITH SECURITY COVER
W	MOTOR STARTER
S	SPEED CONTROLLER
\$	START/STOP SWITCH
CO2	CARBON DIOXIDE SENSOR
#	DEMOLITION KEYED NOTE
(#)	NEW WORK KEYED NOTE
<u>/#</u> \	REVISION KEYED NOTE
	EXISTING TO REMAIN (DUCTWORK, PIPING, & EQUIPMENT)
	EXISTING TO BE REMOVED (DUCTWORK, PIPING, & EQUIPMENT)
	NEW DUCTWORK/PIPING
	NEW FOURDMENT

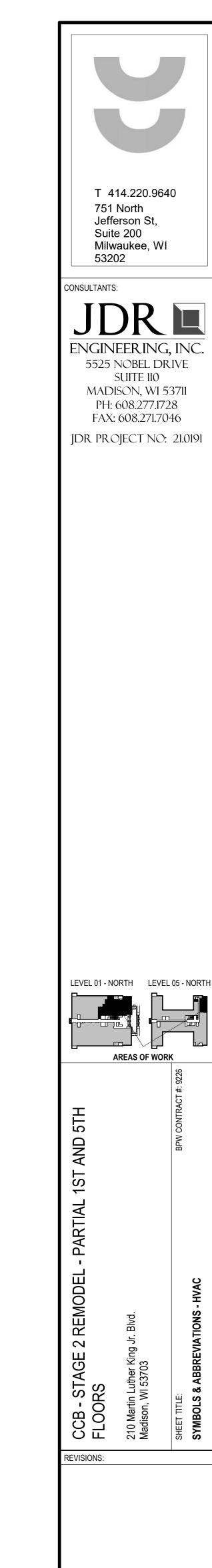
NEW EQUIPMENT

PLENUM NOTE: RETURN AIR CEILING PLENUMS ARE UTILIZED ON THIS PROJECT. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL ASCERTAIN THAT ALL ROOMS TO WHICH AIR IS SUPPLIED, HAVE RETURN AIR PATHS BACK TO AND THRU THE CEILING PLENUM. ANY SPACES OBSERVED WHICH DO NOT HAVE SUCH OPENINGS SHALL BE REPORTED TO A/E IMMEDIATELY FOR RESOLUTION. PIPING AND DUCTWORK SHALL BE INSTALLED IN SUCH A MANNER SO AS NOT TO BLOCK THE RETURN AIR PATH, RETURN AIR OPENINGS TO SHAFTS & INTAKE DUCTWORK. ALL MATERIALS IN PLENUMS SHALL BE PLENUM RATED NON-COMBUSTABLE MATERIALS.

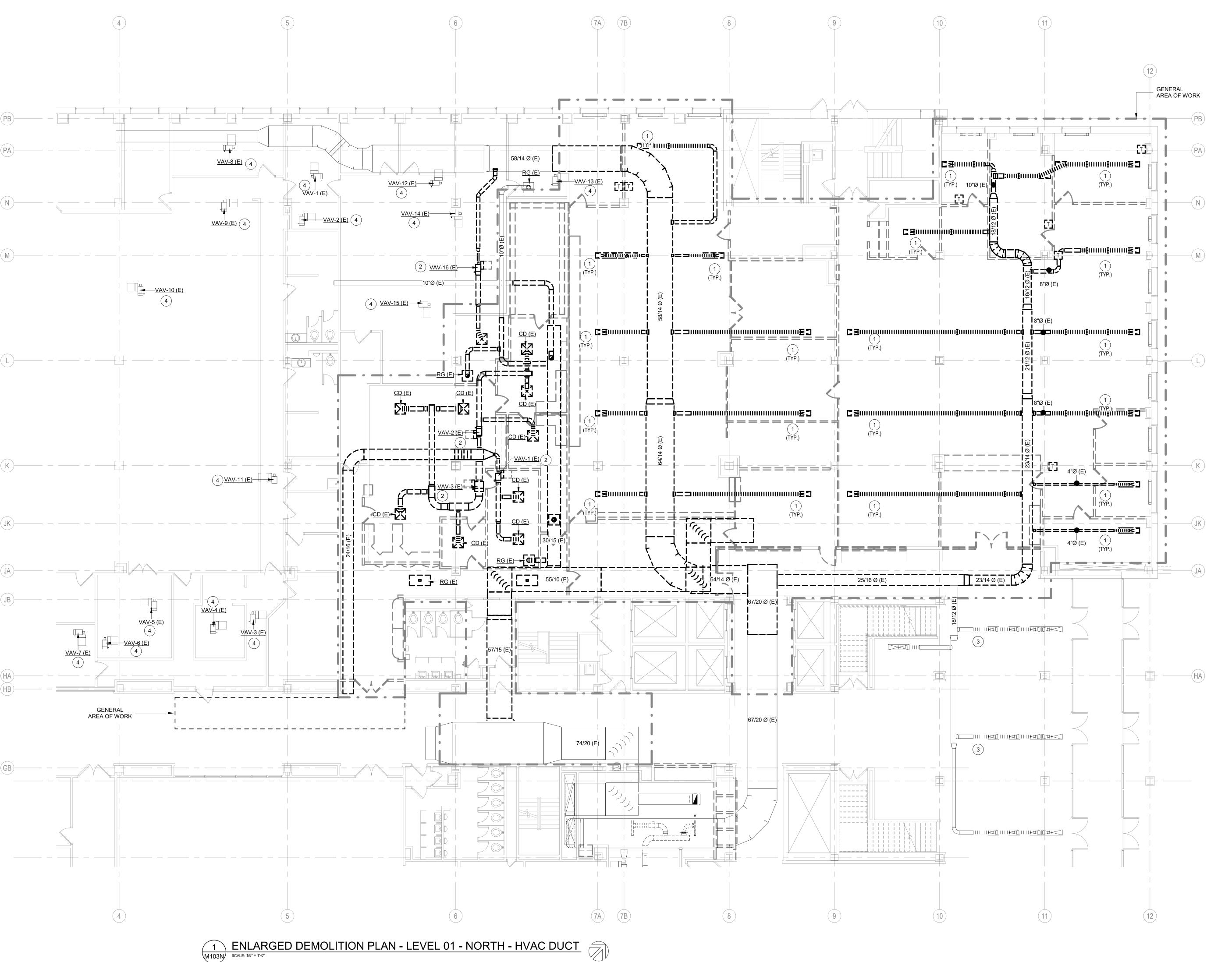
M901N

HVAC S	SHEET INDEX
MOOON	SYMBOLS & ABBREVIATIONS - HVAC
M103N	ENLARGED DEMOLITION PLAN - LEVEL 01 - NORTH - HVAC DUCT
M105N	ENLARGED DEMOLITION PLAN - LEVEL 01 - NORTH - HVAC PIPE
M107N	ENLARGED DEMOLITION PLAN - LEVEL 05 - HVAC
M203N	ENLARGED NEW WORK PLAN - LEVEL 01 - NORTH - HVAC DUCT
M205N	ENLARGED NEW WORK PLAN - LEVEL 01 - NORTH - HVAC PIPE
M207N	ENLARGED NEW WORK PLANS - LEVEL 05 - HVAC
M301N	GROUND FLOOR MECHANICAL ROOM
M302N	FOURTH FLOOR MECHANICAL ROOM
M501N	FLOW SCHEMATIC - HOT WATER - DEMOLITION
M502N	FLOW SCHEMATIC - HOT WATER - NEW WORK
M601N	CONTROL SCHEMATICS - HVAC
M801N	SCHEDULES - HVAC

DETAILS - HVAC



SCALE	
PROJECT NUMBER	210101
SET TYPE	PLAN REVIEW
DATE	12/22/2022



- 1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT ANY DISCREPANCIES TO THE A/E
- 2. THE BUILDING IS TO REMAIN OCCUPIED DURING CONSTRUCTION AND THE AIR HANDLER SERVING THIS AREA WILL CONTINUE TO OPERATE. SUPPLY AND RETURN AIR DUCTWORK SHALL BE PROTECTED FROM THE ENTRANCE OF CONSTRUCTION DUST, DIRT, AND DEBRIS. INSTALL TEMPORARY MERV 7 FILTERS ON RETURN AIR OPENINGS DURING CONSTRUCTION. CHANGE FILTER WEEKLY. SEE ARCHITECTURAL PLANS FOR ANY PHASING SCHEDULES AND/OR AREAS.
 - 3. WHEN PNEUMATIC CONTROLS ARE INDICATED TO BE REMOVED, REMOVE ALL PNEUMATIC CONTROL TUBING BACK TO THE POINT REQUIRED TO BE ACTIVE.
- 4. PNEUMATIC TUBING LOCATED DIRECTLY IN CONCRETE FLOORS CAN BE ABANDONED IN PLACE, PROVIDED THAT THE TUBING IS REMOVED TO BELOW FLOOR LEVEL (SO THAT NEW FLOORING IS NOT AFFECTED) AND SEALED OR FILLED TIGHT.
- 5. COORDINATE ALL INTERRUPTIONS WITH DANE COUNTY FACILITIES MANAGEMENT (DCFM) PRIOR TO STARTING WORK.

9. ANY DUCTWORK CONNECTIONS NOT TO BE REUSED SHALL BE

- 6. ALL DUCTWORK, PIPING, EQUIPMENT, ETC. NOTED FOR DEMOLITION SHALL BE REMOVED COMPLETE.
- 7. ALL EXISTING ABANDONED DUCTWORK, PIPING, EQUIPMENT, ETC IN THE CEILING SHALL BE REMOVED COMPLETE.
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- 10. ALL EXISTING TO REMAIN GRILLES, REGISTERS, DIFFUSERS, CONVECTORS,

SHEETMETAL PATCHED, SEALED, AND INSULATED WITH COMPLETE VAPOR

- ETC. SHALL BE PROTECTED DURING CONSTRUCTION. 11. SEE REFLECTED CEILING PLANS FOR AREAS WHERE EXISTING CEILINGS
- WILL BE REMOVED BY THE GC AND NEW CEILING WILL BE INSTALLED (BY GC). THE HC IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL OTHER CEILING REQUIRED TO PERFORM HVAC WORK.
- 12. RUNOUT PIPING TO AIR TERMINAL UNITS TO BE 3/4" UNLESS NOTED OTHERWISE.

KEYED NOTES:

- REMOVE EXISTING VARIABLE AIR VOLUME DIFFUSER AND ASSOCIATED BRANCH DUCTWORK. REMOVE ALL CONTROLS COMPLETE (TYPICAL). REMOVE EXISTING VARIABLE AIR VOLUME TERMINALS. REMOVE ALL CONTROLS COMPLETE.
- EXISTING VARIABLE AIR VOLUME DIFFUSER TO REMAIN. EXISTING CONTROLS TO REMAIN.
- 4 EXISTING VARIABLE AIR VOLUME TERMINAL AND ASSOCIATED CONTROLS TO REMAIN.



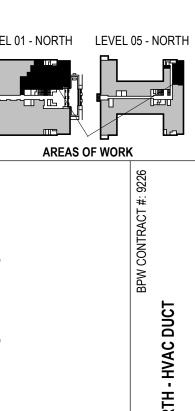
T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

CONSULTANTS:

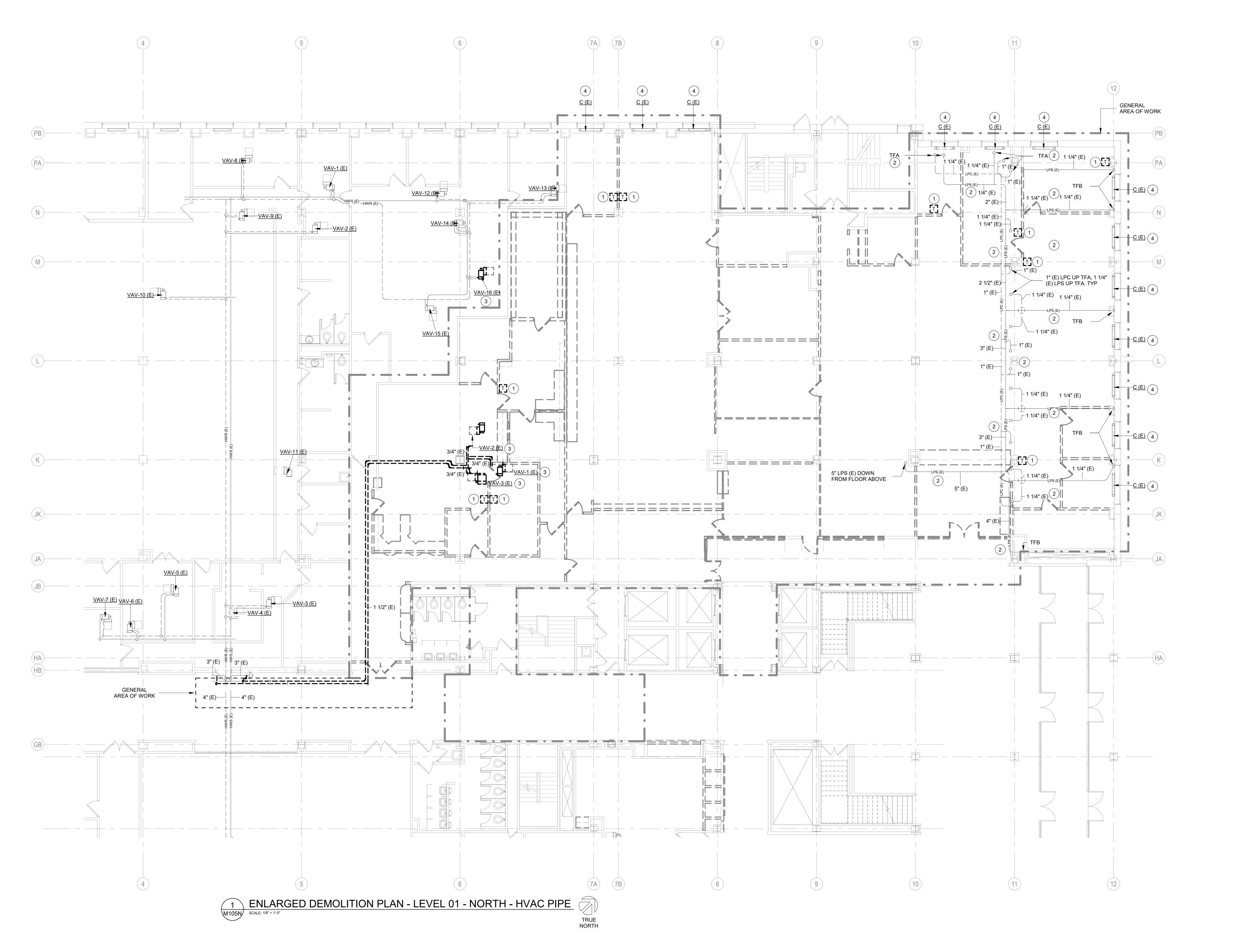
ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110

MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

JDR PROJECT NO: 21.0191



SCALE	
PROJECT NUMBER	210101
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DATE ISSUED	12/22/2022



- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT ANY DISCREPANCIES TO THE A/E

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 ON TRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE

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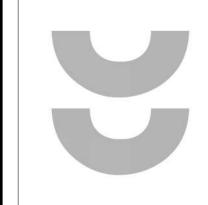
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- SHEETMETAL PATCHED, SEALED, AND INSULATED WITH COMPLETE VAPOR BARRIER.
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- 11. SEE REFLECTED CEILING PLANS FOR AREAS WHERE EXISTING CEILINGS WILL BE REMOVED BY THE GC AND NEW CEILING WILL BE INSTALLED (BY GC). THE HC IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL OTHER CEILING REQUIRED TO PERFORM HVAC WORK.
- 12. RUNOUT PIPING TO AIR TERMINAL UNITS TO BE 3/4" UNLESS NOTED OTHERWISE.

 KEYED NOTES:
- 1 REMOVE EXISTING PNEUMATIC THERMOSTAT COMPLETE. REMOVE ALL EXISTING PNEUMATIC CONTROL TUBING NOT REQUIRED TO STAY ACTIVE. CAP AIR TIGHT AT MAIN.
- 2 REMOVE ALL EXISTING INSULATION FROM EXISTING LPS AND LPC PIPING IN PROJECT AREA.
 3 REMOVE ALL VALVES, CONTROLS, AND BRANCH PIPING SERVING EXISTING MAN TERMINAL
- EXISTING VAV TERMINAL.

 4 EXISTING STEAM RADIATION TO REMAIN. HC TO REMOVE COVER AND TURN OVER TO GC FOR CLEANING AND PAINTING. REMOVE ALL EXISTING LPS ISOLATION VALVE AND PNEUMATIC CONTROL VALVE. REMOVE ALL EXISTING PNEUMATIC CONTROL TUBING NOT REQUIRED TO STAY ACTIVE BACK TO MAIN AND CAP AIR TIGHT. REMOVE ANY EXISTING CONTROL TUBING IN FLOOR TO BELOW FINISHED FLOOR. EXISTING 3/4" STERLING STEAM TRAP TO BE REBUILT. SEE DETAIL FOR ADDITIONAL WORK.





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53202

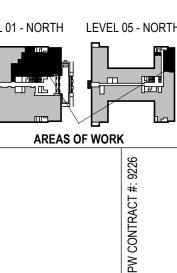
CONSULTANTS:

ENGINEERING, INC.
5525 NOBEL DRIVE
SUITE 110
MADISON, WI 53711

JDR PROJECT NO: 21.0191

PH: 608.277.1728

FAX: 608.271.7046



BPW CONTRACT

- NORTH - HVAC PIPE

RS
in Luther King Jr. Blvd.
WI 53703

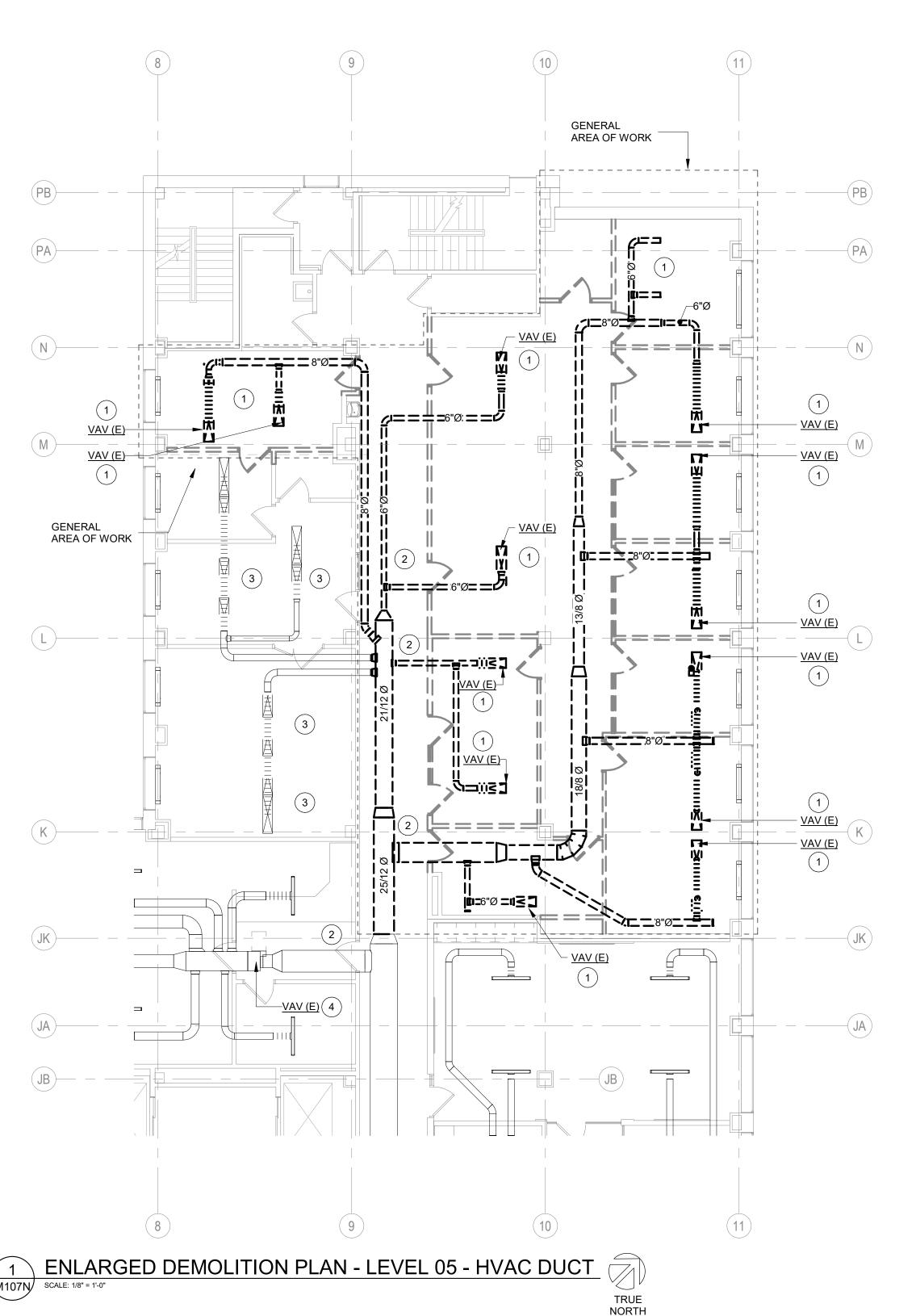
REVISIONS:

REVISION

SCALE
PROJECT 210101

PLAN REVIEW

M105N

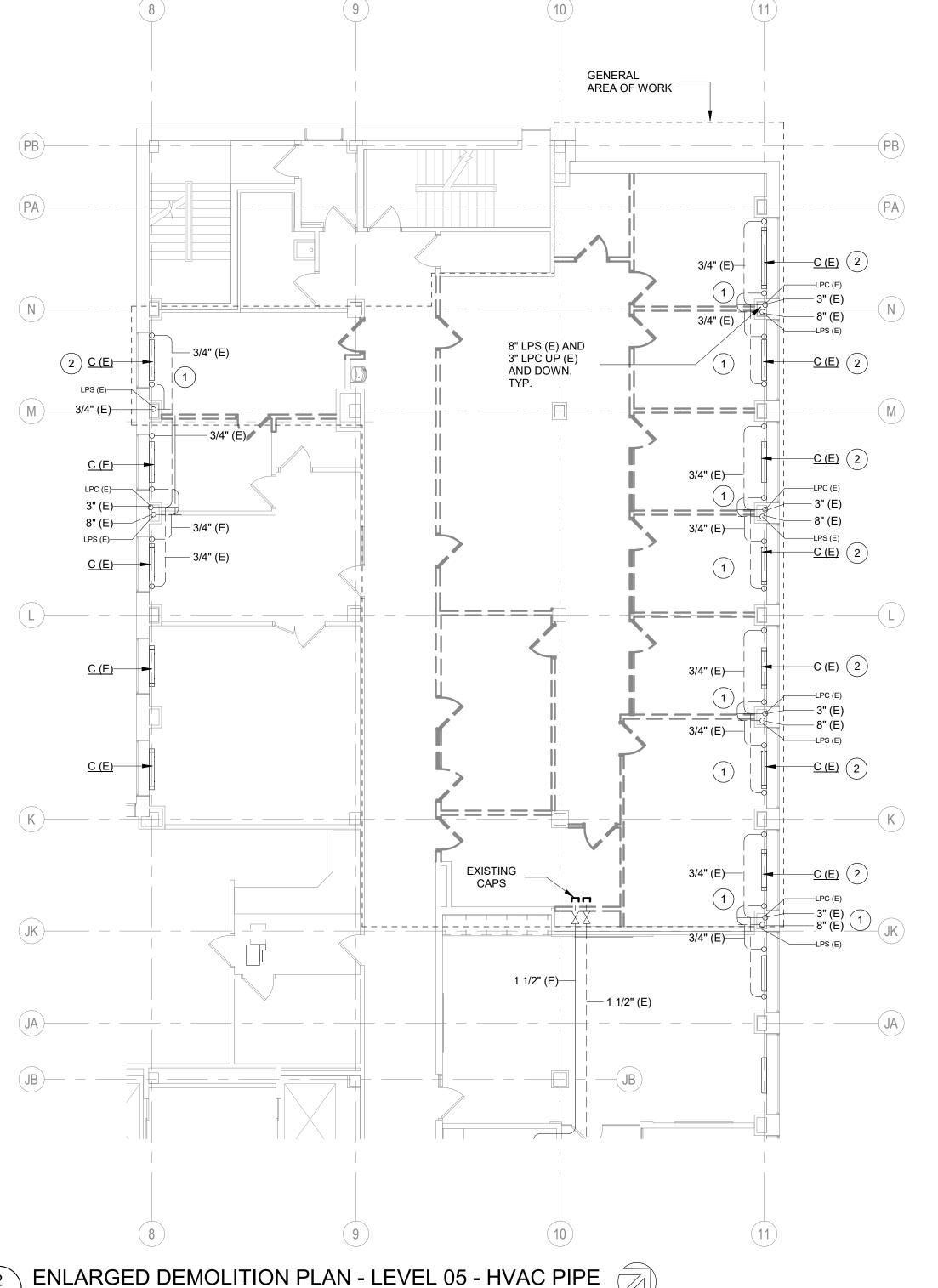


KEYED NOTES:

1 REMOVE EXISTING VARIABLE AIR VOLUME DIFFUSER AND ASSOCIATED BRANCH DUCTWORK (TYPICAL)

4 EXISTING VAV TERMINAL AND CONTROLS TO REMAIN.

- 2 DEMOLITION OF EXISTING DUCT AND INSTALLATION OF NEW DUCT MAIN TO BE DONE DURING OFF HOURS AND ON WEEKEND SO AS
- 3 EXISTING VARIABLE AIR VOLUME DIFFUSER TO REMAIN. EXISTING
- TO NOT DISRUPT AIR FLOW TO ADJACENT OCCUPIED SPACES. CONTROLS TO REMAIN.



TRUE NORTH

KEYED NOTES:

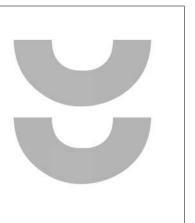
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CONSULTANTS:

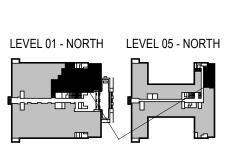
ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711

JDR PROJECT NO: 21.0191

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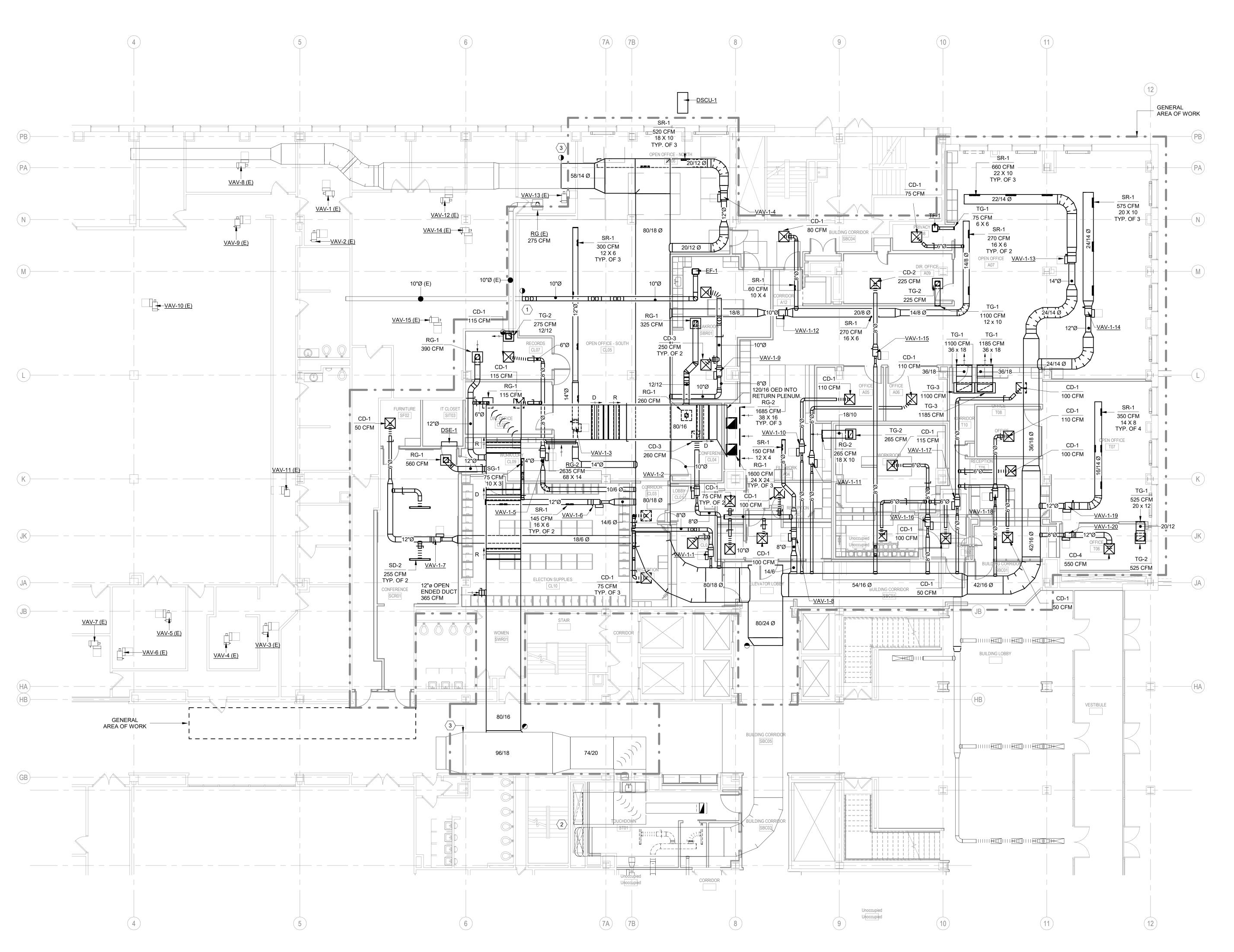
FAX: 608.271.7046





5TH

REVISIONS:



1 ENLARGED NEW WORK PLAN - LEVEL 01 - NORTH - HVAC DUCT

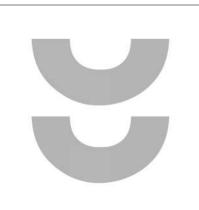
M203N SCALE: 1/8" = 1'-0"

GENERAL NOTES:

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- 12. RUNOUT PIPING TO AIR TERMINAL UNITS TO BE 3/4" UNLESS NOTED OTHERWISE.

KEYED NOTES:

- 1 CONNECT NEW EXHAUST DUCT TO EXISTING EXHAUST DUCT. 2 CLEAN EXISTING RA & SA DUCT FROM GROUND FLOOR AIR
- HANDLER UP THRU 1ST FLOOR AND TO PROJECT AREA.
- 3 STOP DUCT CLEANING AT THIS POINT.



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CONSULTANTS:

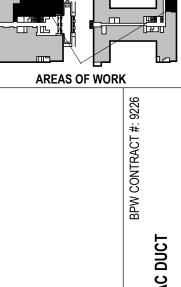
ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110

FAX: 608.271.7046 JDR PROJECT NO: 21.0191

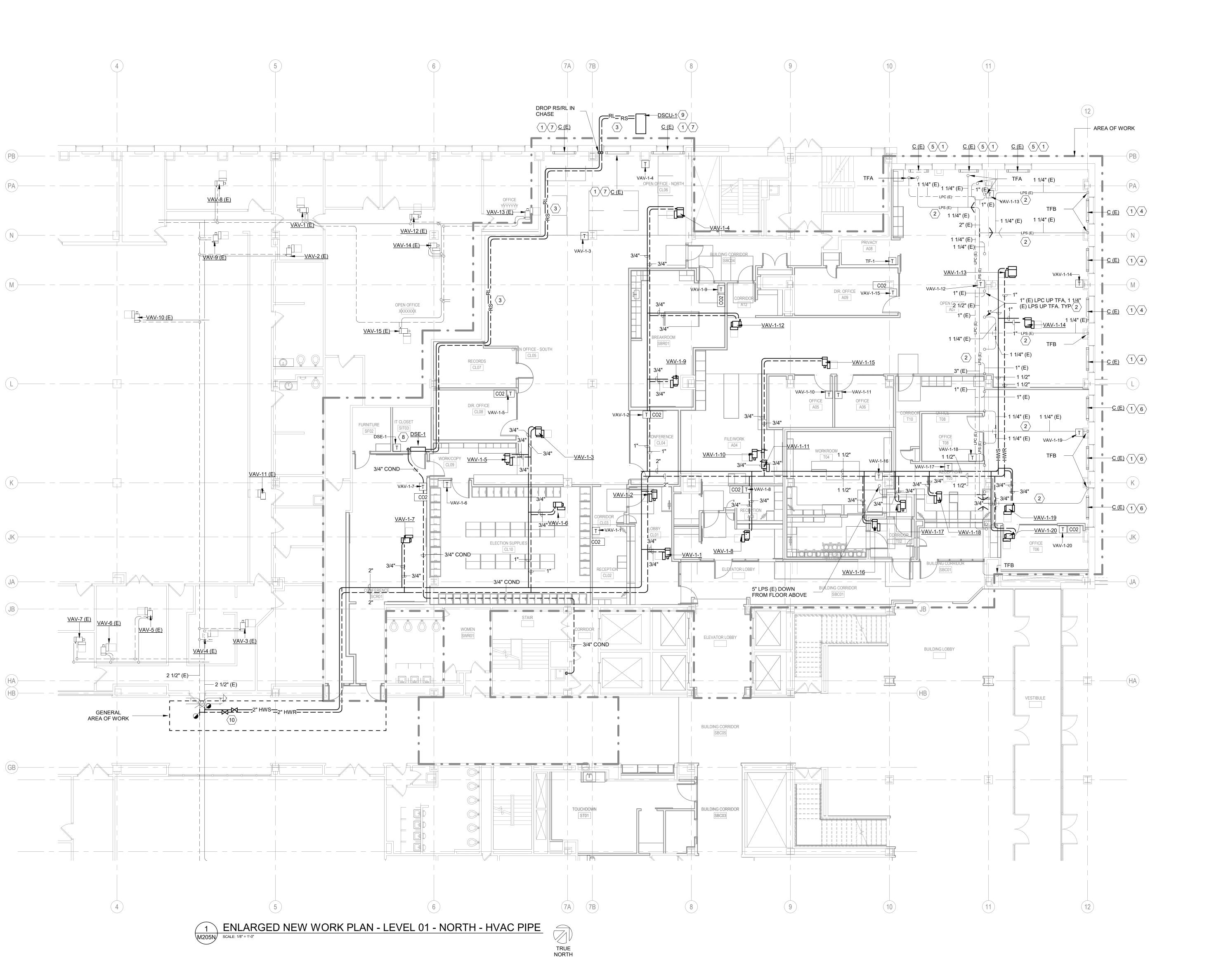
MADISON, WI 53711

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SET TYPE	PLAN REVIEW
PROJECT NUMBER	210101
SCALE	



- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT ANY DISCREPANCIES TO THE A/E IMMEDIATELY
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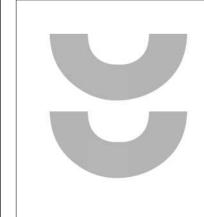
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- 12. RUNOUT PIPING TO AIR TERMINAL UNITS TO BE 3/4" UNLESS NOTED OTHERWISE.

KEYED NOTES:

- 1 PROVIDE NEW LPS ISOLATION VALVE ON EXISTING STEAM CONVECTOR. PROVDE NEW 1/2" ELECTRIC STEAM TCV (BELIMO B215HT186, CV=1.86 WITH TR24-SRUS ACTUATOR). HC TO INSTALL VALVE IN THE VERTICAL POSITION. SEE DETAIL FOR ADDITIONAL
- 2 INSULATE ALL EXISTING LPS AND LPR PIPING THAT IS EXPOSED IN THE PROJECT AREA. INSULATION TO INCLUDE PVC JACKET.

 3 PS/PL PIPING EPOM DSE 1 TO DSCU 1 SIZE PER MANUEACTURERS.
- 3 RS/RL PIPING FROM DSE-1 TO DSCU-1. SIZE PER MANUFACTURERS RECOMENDATIONS.
- 4 THESE CONVECTORS TO BE CONTROLLED IN PARALLEL WITH VAV-1-14.
- 5 THESE CONVECTORS TO BE CONTROLLED IN PARALLEL WITH VAV-1-13.
 6 THESE CONVECTORS TO BE CONTROLLED IN PARALLEL WITH
- VAV-1-19.
 7 THESE CONVECTORS TO BE CONTROLLED IN PARALLEL WITH
- VAV-1-4.

 8 ROUTE 3/4" CONDENSATE TO NEAREST FLOOR DRAIN.
- 9 HC TO PROVIDE CONCRETE EQUIPMENT PAD FOR DSCU-1. HC TO CORE DRILL HOLES FOR RS/RL AND ELECTRICAL CONDUIT.
- 10 NEW HWS/HWR ISOLATION VALVES.



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CONSULTANTS:

Milwaukee, WI 53202

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/EL 01 - NORTH LEVEL 05 - NO

AREAS OF WORK

EL - PARTIAL 1ST AND 5TH

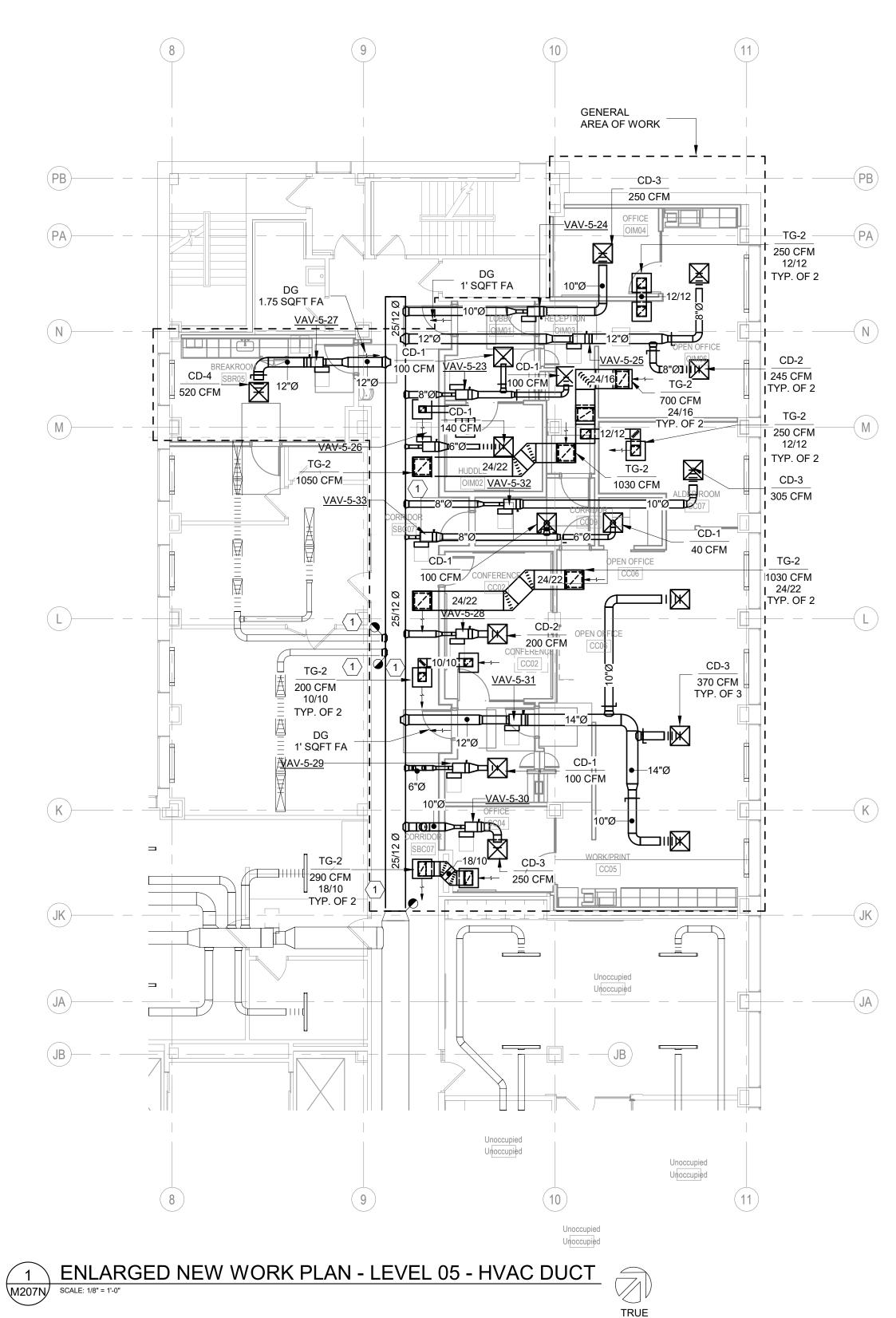
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REVISIONS:

SCALE	
PROJECT	210101

PLAN REVIE

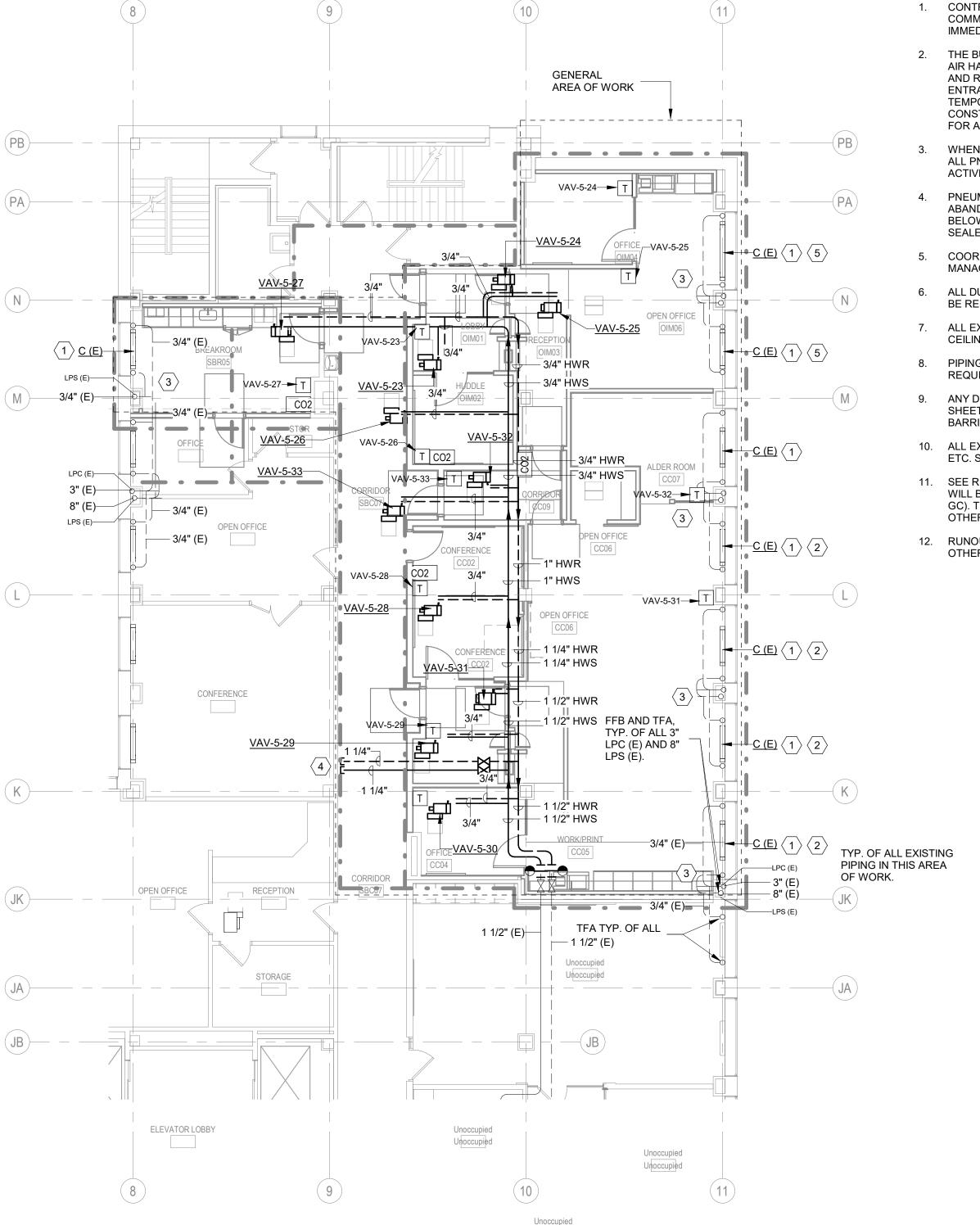
M205N



NORTH

KEYED NOTES: 1 DEMOLITION OF EXISTING DUCT AND INSTALLATION OF NEW DUCT MAIN TO BE DONE DURING OFF HOURS AND OR WEEKEND SO AS

TO NOT DISRUPT AIRFLOW TO ADJACENT OCCUPIED SPACES.



Unoccupied

TRUE

NORTH

NENLARGED NEW WORK PLAN - LEVEL 05 - HVAC PIPE

1 PROVIDE NEW LPS ISOLATION VALVE ON EXISTING STEAM CONVECTOR. PROVDE NEW 1/2" ELECTRIC STEAM TCV (BELIMO

2 THESE CONVECTORS TO BE CONTROLLED IN PARALLEL WITH

3 INSULATE ALL EXISTING LPS AND LPR PIPING SERVING CONVECTORS ON THE FLOOR ABOVE. PROVIDE PVC JACKET ON

5 THESE CONVECTORS TO BE CONTROLLED IN PARALLEL WITH

4 EXTEND AND CAP 1-1/4" HWS/HWR FOR FUTURE USE.

B215HT186, CV=1.86 WITH TR24-SRUS ACTUATOR). HC TO INSTALL VALVE IN THE VERTICAL POSITION. SEE DETAIL FOR ADDITIONAL

KEYED NOTES:

EXPOSED PIPING.

GENERAL NOTES:

- 1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT ANY DISCREPANCIES TO THE A/E
- 2. THE BUILDING IS TO REMAIN OCCUPIED DURING CONSTRUCTION AND THE AIR HANDLER SERVING THIS AREA WILL CONTINUE TO OPERATE. SUPPLY AND RETURN AIR DUCTWORK SHALL BE PROTECTED FROM THE ENTRANCE OF CONSTRUCTION DUST, DIRT, AND DEBRIS. INSTALL TEMPORARY MERV 7 FILTERS ON RETURN AIR OPENINGS DURING CONSTRUCTION. CHANGE FILTER WEEKLY. SEE ARCHITECTURAL PLANS FOR ANY PHASING SCHEDULES AND/OR AREAS.
- 3. WHEN PNEUMATIC CONTROLS ARE INDICATED TO BE REMOVED, REMOVE ALL PNEUMATIC CONTROL TUBING BACK TO THE POINT REQUIRED TO BE
- 4. PNEUMATIC TUBING LOCATED DIRECTLY IN CONCRETE FLOORS CAN BE ABANDONED IN PLACE, PROVIDED THAT THE TUBING IS REMOVED TO BELOW FLOOR LEVEL (SO THAT NEW FLOORING IS NOT AFFECTED) AND SEALED OR FILLED TIGHT.
- 5. COORDINATE ALL INTERRUPTIONS WITH DANE COUNTY FACILITIES MANAGEMENT (DCFM) PRIOR TO STARTING WORK.
- 6. ALL DUCTWORK, PIPING, EQUIPMENT, ETC. NOTED FOR DEMOLITION SHALL BE REMOVED COMPLETE.
- 7. ALL EXISTING ABANDONED DUCTWORK, PIPING, EQUIPMENT, ETC IN THE CEILING SHALL BE REMOVED COMPLETE.
- 8. PIPING NOTED FOR DEMOLITION SHALL BE REMOVED BACK TO THE POINT REQUIRED TO REMAIN ACTIVE AND CAPPED.
- 9. ANY DUCTWORK CONNECTIONS NOT TO BE REUSED SHALL BE SHEETMETAL PATCHED, SEALED, AND INSULATED WITH COMPLETE VAPOR
- 10. ALL EXISTING TO REMAIN GRILLES, REGISTERS, DIFFUSERS, CONVECTORS, ETC. SHALL BE PROTECTED DURING CONSTRUCTION.
- 11. SEE REFLECTED CEILING PLANS FOR AREAS WHERE EXISTING CEILINGS WILL BE REMOVED BY THE GC AND NEW CEILING WILL BE INSTALLED (BY GC). THE HC IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL OTHER CEILING REQUIRED TO PERFORM HVAC WORK.
- 12. RUNOUT PIPING TO AIR TERMINAL UNITS TO BE 3/4" UNLESS NOTED OTHERWISE.



T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

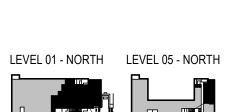
CONSULTANTS:

ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711

JDR PROJECT NO: 21.0191

PH: 608.277.1728

FAX: 608.271.7046



AREAS OF WORK

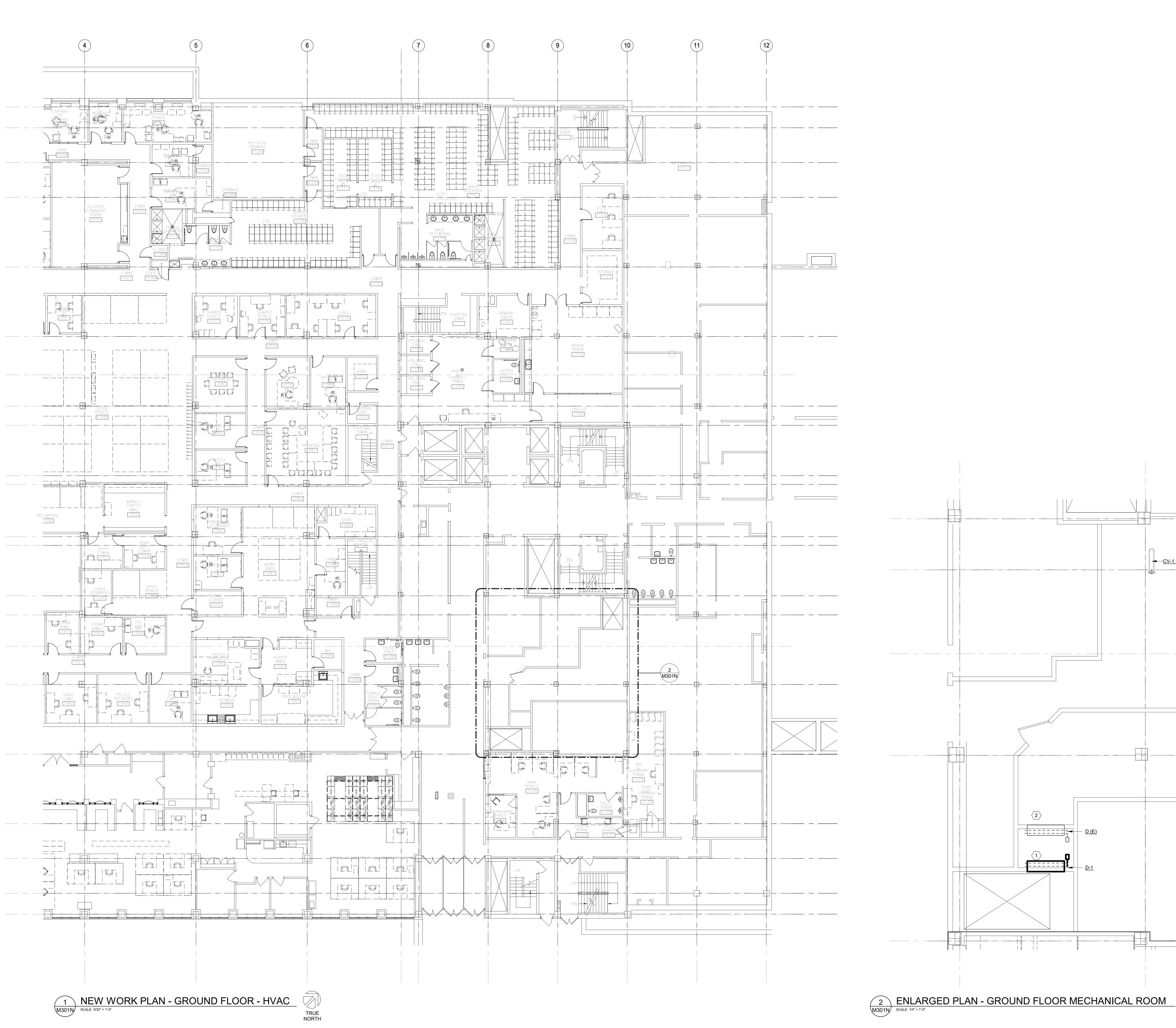
5TH

STAGE CCB-

REVISIONS:

7

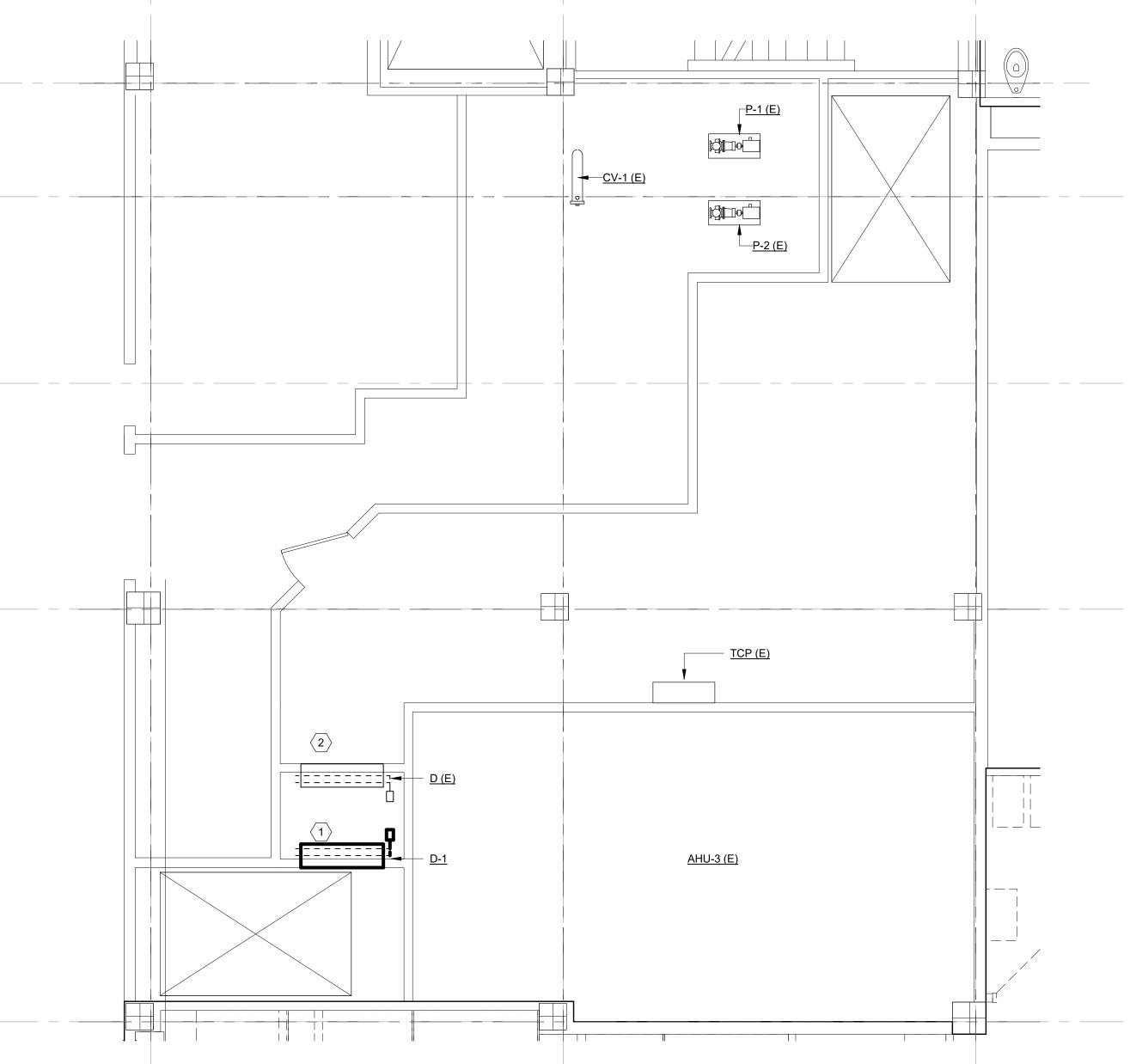
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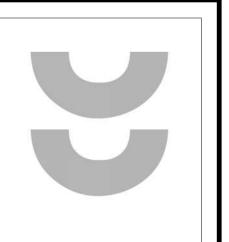


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KEYED NOTES:

- 1 REPLACE EXISTING OA DAMPER AND DDC ACTUATOR. RETAIN ACTUATOR. PROVIDE NEW COMBINATION OUTSIDE AIR DAMPER AND AIRFLOW MONITORING STATION. INTEGRATE CONTROL OF NEW OA DAMPER INTO EXISTING AHU AND ADJACENT AHU DDC CONTROLLER. SYSTEM / AHU HAS EXISTING ALERTON CONTROLS.
- 2 EXISTING RELIEF AIR DAMPER TO REMAIN.





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53202

CONSULTANTS:

ENGINEERING, INC. 5525 NOBEL DRIVE

MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

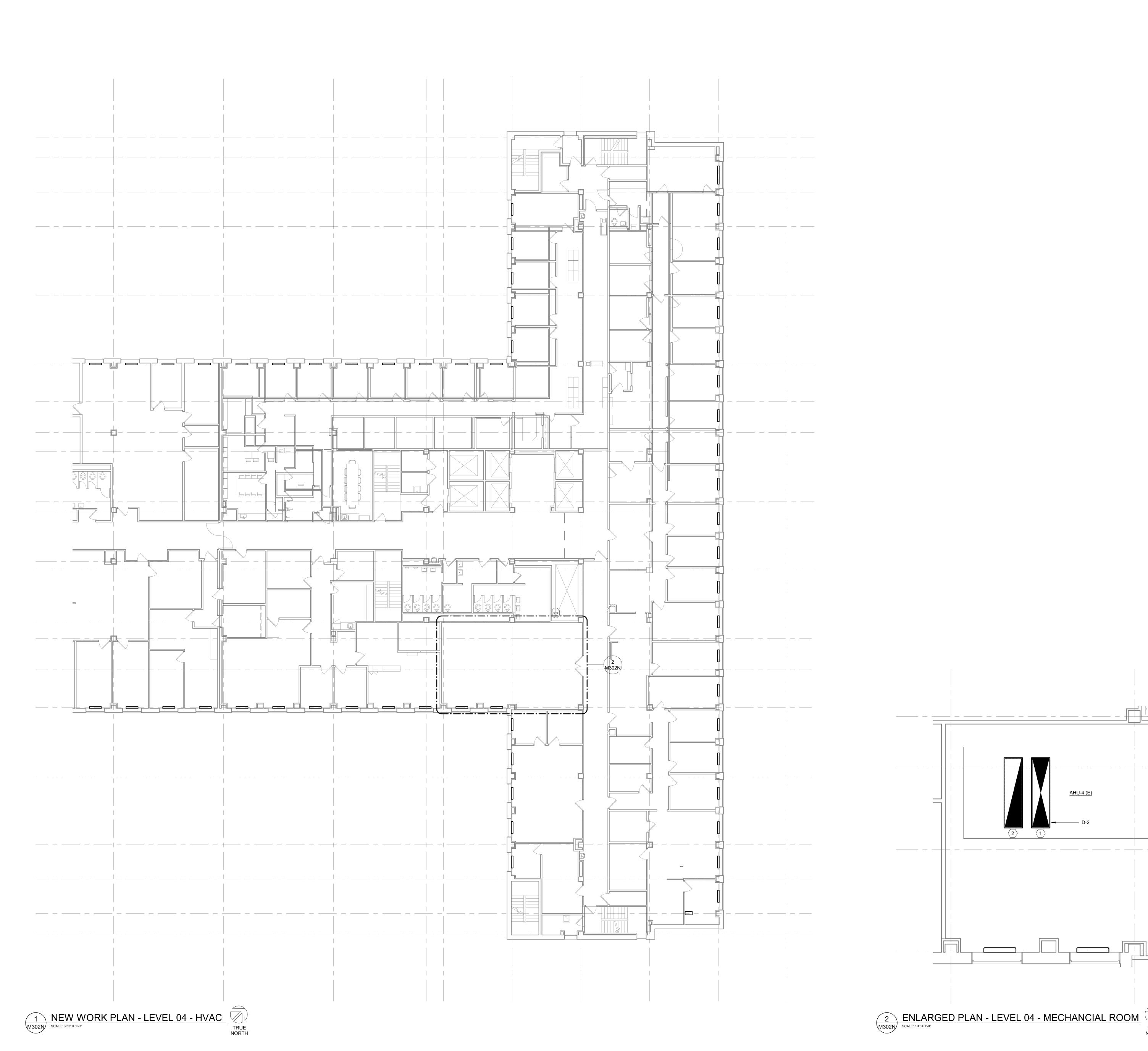
SUITE 110

JDR PROJECT NO: 21.0191

PROJECT NUMBER

PLAN REVIEW

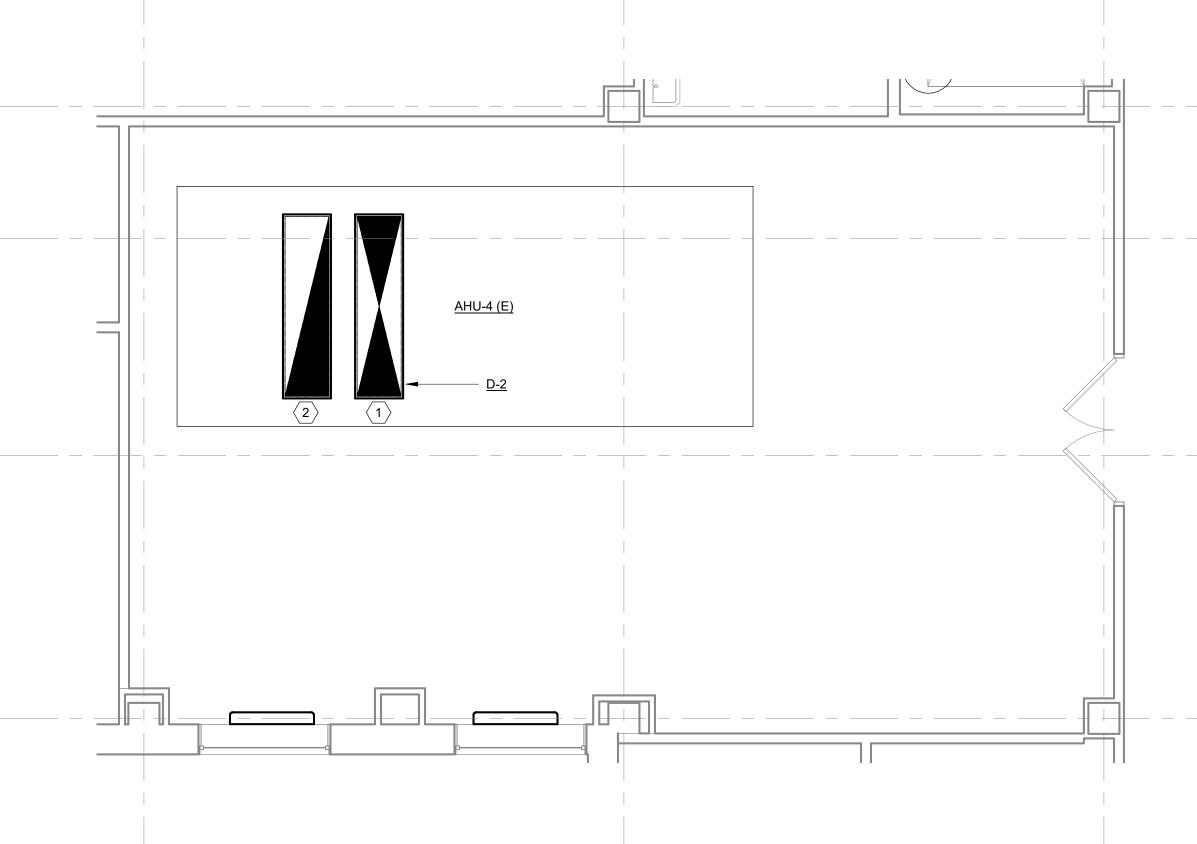
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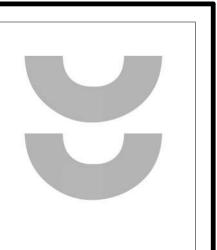


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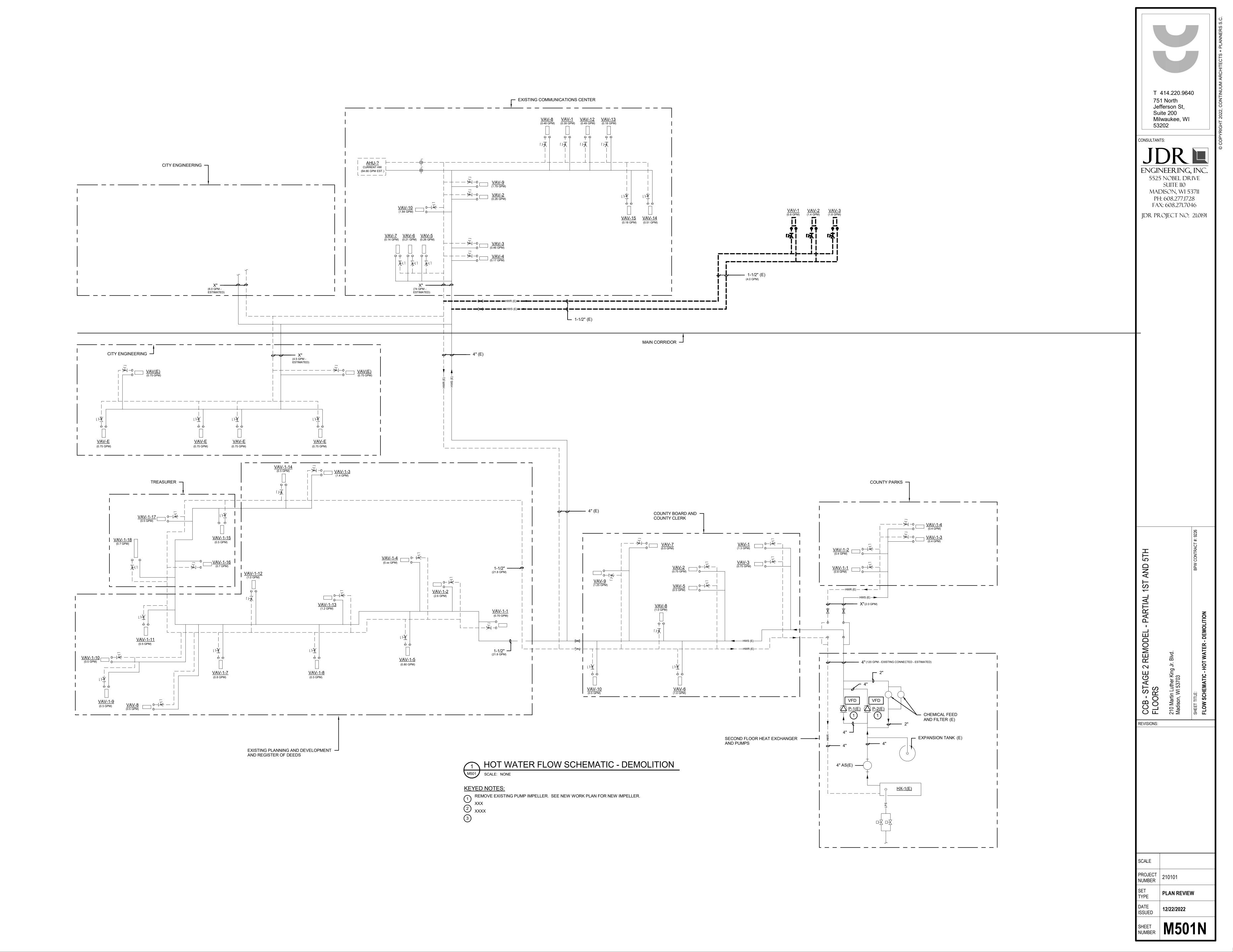
CONSULTANTS:

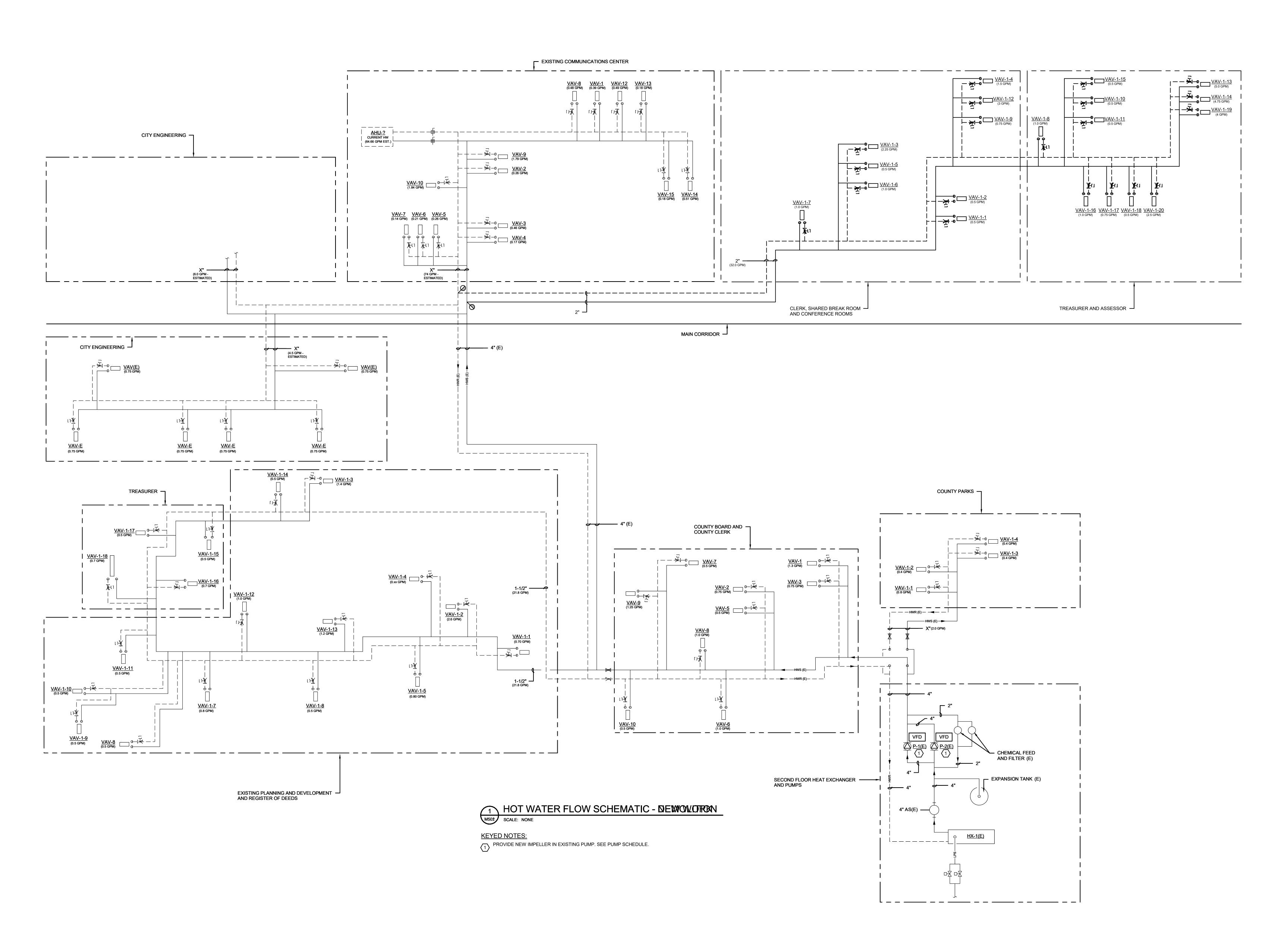
ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110

MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

JDR PROJECT NO: 21.0191

PROJECT NUMBER







ENGINEERING, INC.
5525 NOBEL DRIVE
SUITE 110
MADISON, WI 53711
PH: 608.277.1728
FAX: 608.271.7046

JDR PROJECT NO: 21.0191

CCB - STAGE 2 REMODEL - PART FLOORS

210 Martin Luther King Jr. Blvd.
Madison, WI 53703

SCALE

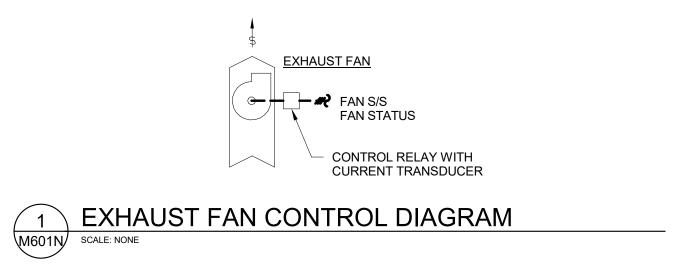
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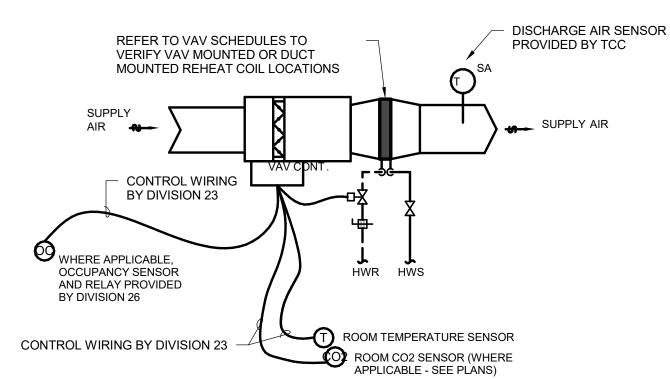
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DATE | 12/22/2022

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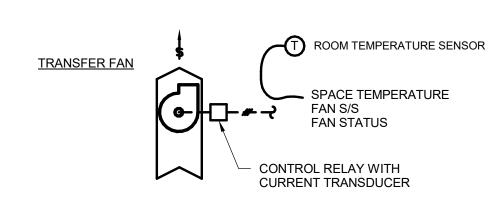






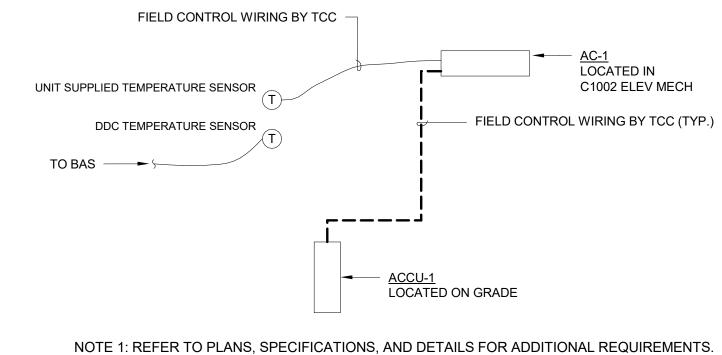
VAV CONTROL DIAGRAM WITHOUT STEAM RADIATION

NOTE 1: REFER TO PLANS, SPECIFICATIONS, AND DETAILS FOR ADDITIONAL REQUIREMENTS.

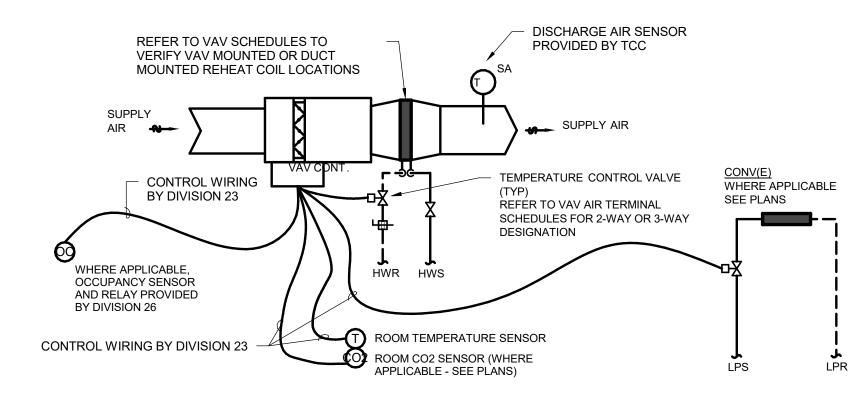


TRANSFER FAN CONTROL DIAGRAM - TF-1

M601N SCALE: NONE

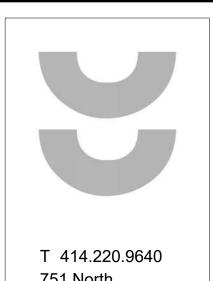






4 VAV CONTROL DIAGRAM WITH STEAM RADIATION
M601N SCALE: NONE

NOTE 1: REFER TO PLANS, SPECIFICATIONS, AND DETAILS FOR ADDITIONAL REQUIREMENTS.



751 North Jefferson St, Suite 200 Milwaukee, WI 53202

CONSULTANTS: ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046 JDR PROJECT NO: 21.0191

								VA۱	/ TERMIN	NAL UNIT	WITH R	EHEAT S	CHEDUL	.E							
NIT NO.		VAV-1-1	VAV-1-2	VAV-1-3	VAV-1-4	VAV-1-5	VAV-1-6	VAV-1-7	VAV-1-8	VAV-1-9	VAV-1-10	VAV-1-11	VAV-1-12	VAV-1-13	VAV-1-14	VAV-1-15	VAV-1-16	VAV-1-17	VAV-1-18	VAV-1-19	VAV-1-20
CATION	N	CL01 LOBBY	CL01 LOBBY	CL05 OPEN OFFICE SOUTH	CL06 OPEN OFFICE NORTH	CL09 WORK/COPY	CL10 ELECTION SUPPLIES	SCR01 CONFERENCE	A03 RECEPTION	SBR01 BREAKROOM	A04 WORKROOM	A04 WORKROOM	A12 CORRIDOR	A07 OPEN OFFICE	A07 OPEN OFFICE	A07 OPEN OFFICE	T02 CORRIDOR	T10 CORRIDOR	T05 RECEPTION	T07 OPEN OFFICE	T06 OFFICE
OOR		FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST	FIRST
HU SYST	TEM	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3	AHU-3
ANUFAC	CTURER	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
ODEL N	0.	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV
LET SIZ	Έ	4	4	10	12	4	4	8	8	8	4	4	10	14	12	4	4	4	4	12	8
OUTLET SIZE		12/8-8"ø	12/8-8"ø	14/13-14"ø	16/15-20/12	12/8-8"ø	12/8-10"ø	12/10-12"ø	12/10-12"ø	12/10-10"ø	12/8-6"ø	12/8-6"ø	14/13-20/8	20/18-22/14	16/15-22/14	12/8-8"ø	12/8-8"ø	12/8-8"ø	12/8-6"ø	16/15-16/14	12/10-12"ø
AX. AIR	PD (WC)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
N. INLE	T SP (IN WG)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
. 3 C	MAXIMUM	225	265	900	1560	230	365	580	500	500	110	110	1025	1980	1725	225	265	250	110	1400	555
CFM)	MINIMUM	150	265	640	470	230	365	580	500	170	50	50	680	595	520	80	260	205	45	420	555
	HEATING CFM	155	265	640	470	230	365	580	500	170	55	55	800	1500	1450	80	265	205	50	1100	555
	FLUID	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
<u> </u>	EWT (°F)	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
	LWT (°F)	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
ATA	EAT (°F)	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
	LAT (°F)	100	90	105	100	95	85	95	95	105	100	100	105	100	100	105	100	105	100	105	115
COM	CAPACITY (MBH)	7.6	10	34.9	23.1	10	11.9	25.2	21.7	9.3	2.7	2.7	43.6	73.6	71.1	4.4	13	11.2	2.5	60	36.3
<u> </u>	GPM	0.5	0.75	2.25	1.5	0.75	1	1.7	1.5	0.75	0.5	0.5	3	5	4.75	0.5	1	0.75	0.5	4	2.5
[MAX WATER PD (FT)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2 CONT	TROL	NO	YES	NO	NO	YES	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES

4 NEITHER R

NEITHER RADIATED NOR DISCHARGE SOUND LEVELS SHALL EXCEED 35 NC AT 1.5" STATIC PRESSURE WHEN TESTED PER ARI STANDARD 885-98
 OCC OA VENT CFM FOR ADJUSTING AHU OA VENT RATE BASED ON OCCUPANCY OF SPACE.

	AIR DEVICE SCHEDULE														
UNIT NO.	CD-1	CD-2	CD-3	CD-4	CD-5	EG-1	RG-1	RG-2	SD-1	SD-2	SR-1	TG-1	TG-2	TG-3	
SERVICE	SUPPLY	SUPPLY	SUPPLY	SUPPLY	SUPPLY	EXHAUST	RETURN	RETURN	SUPPLY	SUPPLY	SUPPLY	TRANSFER	TRANSFER	TRANSFER	
MANUFACTURER	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	
MODEL NO.	SPD	SPD	SPD	SPD	SPD	630	630	630	TBDI3	TBDI3	SDGE	630	630	630	
FACE STYLE	PI AQUE	PI AQUE	PI AQUE	PI AQUE	PI AQUE	LOUVERED	LOUVERED	LOUVERED	PLENUM SLOT	PLENUM SLOT	DUCT GRILLE	LOUVERED	LOUVERED	LOUVERED	

MANUFACTURER	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	
MODEL NO.	SPD	SPD	SPD	SPD	SPD	630	630	630	TBDI3	TBDI3	SDGE	630	630	630	
FACE STYLE	PLAQUE	PLAQUE	PLAQUE	PLAQUE	PLAQUE	LOUVERED	LOUVERED	LOUVERED	PLENUM SLOT	PLENUM SLOT	DUCT GRILLE	LOUVERED	LOUVERED	LOUVERED	
PATTERN	4-WAY	4-WAY	4-WAY	4-WAY	4-WAY	SINGLE DEFL	SINGLE DEFL	SINGLE DEFL	-	-	22.5	SINGLE DEFL	SINGLE DEFL	SINGLE DEFL	
FINISH	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	
MATERIAL	STEEL	STEEL	STEEL	STEEL	STEEL	ALUM									
SIZE (NECK)	6" DIA	8" DIA	10" DIA	12" DIA	14" DIA	10" DIA	SEE PLANS	SEE PLANS	6" DIA	8" DIA	SEE PLANS	SEE PLANS	22x22	46x22	
SIZE (FACE)	24"x24"	24"x24"	24"x24"	24"x24"	24"x24"	24"x24"	24"x24"	SEE PLANS	0-150	150-300	SEE PLANS	SEE PLANS	24x24	48x24	
CFM RANGE	0 - 125	125 - 225	225 - 400	400 - 600	600 - 750	0 - 225	SEE PLANS	SEE PLANS	450	450	SEE PLANS	SEE PLANS	0 - 1,000	1,001 - 2,000	
MOUNTING	LAY-IN	LAY-IN	LAY-IN	LAY-IN	LAY-IN	LAY-IN	LAY-IN	SURFACE	LAY-IN	LAY-IN	DUCT GRILLE	SURFACE	LAY-IN	LAY-IN	
DAMPER	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES	NO	NO	

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY MOUNTING SURFACE / FRAME REQUIREMENTS.

- 2. BRANCH DUCT SIZE TO DIFFUSER SHALL BE THE NECK SIZE OF THE DIFFUSER UNLESS NOTED OTHERWISE.

 3. SEE SPECIFICATION FOR GRILLE REGISTER AND DIFFUSER FINISHES.
- SEE SPECIFICATION FOR GRILLE, REGISTER, AND DIFFUSER FINISHES.
 MAXIMUM STATIC PRESSURE DROP THROUGH GRILLE, REGISTER OR DIFFUSER SHALL NOT EXCEED 0.1".
- 5. MAXIMUM NC LEVELS FOR GRILLES, REGISTERS OR DIFFUSERS SHALL NOT EXCEED 25.6. UNLESS THROW IS NOTED OTHERWISE, ALL DIFFUSERS SHALL BE 4-WAY THROW.

REMARKS:

48" LONG DIFFUSER. 3/4" SLOTS. 4 SLOTS.
 REGISTERS TO BE MOUNTED ON EXPOSED ROUND AND OVAL SUPPLY DUCTS.

				VAV TEI	RMINAL	UNIT WI	TH REHE	AT SCH	DULE				
UNIT NO		VAV-5-23	VAV-5-24	VAV-5-25	VAV-5-26	VAV-5-27	VAV-5-28	VAV-5-29	VAV-5-30	VAV-5-31	VAV-5-32	VAV-5-33	
LOCATIO	N	OIM01 LOBBY	OIM06 OPEN OFFICE	OIM04 OFFICE	OIM02 HUDDLE	SBR05 BREAKROOM	CC02 CONFERENCE		CC04 OFFICE	CC06 OPEN OFFICE	CC04 ALDER ROOM	CC09 CORRIDOR	
FLOOR		FIFTH	FIFTH	FIFTH	FIFTH	FIFTH	FIFTH	FIFTH	FIFTH	FIFTH	FIFTH	FIFTH	
AHU SYS	STEM	AHU-4	AHU-4	AHU-4	AHU-4	AHU-4	AHU-4	AHU-4	AHU-4	AHU-4	AHU-4	AHU-4	
MANUFA	CTURER	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	
MODEL N	NO.	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	SDV	
INLET SI	ZE	4	4	8	4	8	4	4	4	10	4	4	
OUTLET	SIZE	12/8-8"ø	12/8-8"ø	12/10-12"ø	12/8-6"ø	12/10-12"ø	12/8-8"ø	12/8-8"ø	12/8-10"ø	14/13-14"ø	12/8-10"ø	12/8-6"ø	
MAX. AIF	R PD (WC)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
MIN. INLE	ET SP (IN WG)	1	1	1	1	1	1	1	1	1	1	1	
> =	MAXIMUM	200	250	490	140	520	200	100	250	1120	305	140	
AIR FLOW (CFM)	MINIMUM	80	75	150	140	520	200	40	75	340	95	45	
ш	HEATING CFM	80	75	150	140	520	200	40	75	340	95	45	
	FLUID	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
Η	EWT (°F)	180	180	180	180	180	180	180	180	180	180	180	
WATER REHEAT COIL DATA	LWT (°F)	150	150	150	150	150	150	150	150	150	150	150	
AT/	EAT (°F)	55	55	55	55	55	55	55	55	55	55	55	
H C	LAT (°F)	100	100	100	85	90	85	95	85	100	100	100	
VAI CO	CAPACITY (MBH)	3.9	3.7	7.4	4.6	20.5	6.5	1.7	2.5	16.7	4.7	2.2	
	GPM	0.5	0.5	0.5	0.5	1.4	0.5	0.5	0.5	1.25	0.5	0.5	
НОТ	MAX WATER PD (FT)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
CO2 CON	ITROL	NO	NO	NO	YES	YES	YES	NO	NO	NO	NO	NO	
REMARK	S												

GENERAL NOTES

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2 OCC OA VENT CFM FOR ADJUSTING AHU OA VENT RATE BASED ON OCCUPANCY OF SPACE.

FAN	SCHEDUL	.E	
UNIT NO.	EF-1	TF-1	
LOCATION	SBR01	A08	
SERVICE	SBR01	A08	
MANUFACTURER	GREENHECK	GREENHECK	
MODEL NO.	SP-A390-VG	SP-A90-130-VG	
FAN TYPE	CEILING	CEILING	
ARRANGEMENT	-	-	
DESIGN CFM	175	110	
EXT. SP (IN WC)	0.5	0.5	
FAN WHEEL TYPE	-	-	
FAN DIAMETER	-	-	
APPROXIMATE FAN RPM	935	900	
ВНР	76 W	46 W	
MOTOR HP	FRAC	FRAC	
ECM MOTOR	YES	YES	
VOLTS/PHASE	120 / 1	120 / 1	
DRIVE	DIRECT	DIRECT	
TWO SPEED	NO	NO	
VFD	NO	NO	
MAX. SONES	3.5	2.5	
AND 1	-	1	
0 8 0 W 2	-	-	
SCTANOS 3	-	-	
8 8 4 O (88 4	-	-	
VER 5	-	-	
MAX FAN INLET AIR SOUND DATA SOUND POWER BY OCTAVE BAND (dB) 2	-	-	
XAND 7	-	-	
8	-	-	
REMARKS			

PUMP	SCHEDU	JLE	
UNIT NO	P-1 (E)	P-2 (E)	
SERVICE	HW REHEAT	HW REHEAT	
LOCATION	2ND FLOOR	2ND FLOOR	
MANUFACTURER	TACO	TACO	
MODEL NO.	KV2009	KV2009	
TYPE	INLINE	INLINE	
CAPACITY (GPM)	170 (115)	170 (115)	
PRESSURE HEAD (FT)	75 (70)	75 (70)	
SHUT-OFF PRESSURE HEAD (FT)	-	-	
MIN. NPSH REQUIRED (FT)	-	-	
INLET / OUTLET (IN)	-	-	
IMPELLER DIAMETER	9.05 (8.8)	9.05 (8.8)	
MIN. EFF. %	-	-	
RPM	-	-	
ВНР	-	-	
HP	5 (5)	5 (5)	
VOLTAGE / PHASE	-	-	
VFD	-	-	
UNIT WEIGHT (LBS)	-	-	
REMARKS	1, 2	1, 2	

- KEYED NOTES:

 1. EXISTING PUMP. SCHEDULE SHOWS NEW CONDITIONS. EXISTING CONDITIONS ARE IN PARENTHESES.
- 2. PROVIDE NEW IMPELLER AND SEALS FOR PUMP.

UNIT N	SPLIT SYSTEM AI	DSE-1	 	
LOCAT	· · ·	SIT03		_
	FACTURER	MITSUBISHI		_
MODE		PKA-A18HA7		
	DRATOR TYPE	HIGH WALL		
	Y (CFM)	420	 	
	DE AIR (CFM)	-		
FILTER	RTYPE	-		
ᄍ	VOLTS	208		
570	PHASE	1		
ĭ	HP	30 WATT		
-AN MOTOR	DRIVE	DIRECT		
ш.	NO. OF SPEEDS	3		
AIR CO	OOLED CONDENSING UNIT (OUTDO	OR UNIT)		
UNIT N	IO.	DSCU-1		
LOCAT	TON	GRADE		
MANUI	ACTURER	MITSUBISHI		
MODE	L NO.	PUY-A18NKA7		
NOMIN	IAL COOLING CAPACITY (BTU / HR)	18,000		
SEER		18.5		
COP		-		
AL.	VOLTS	208		
UNIT LECTRICAL DATA	PHASE	1		
A FIG	MCA	11		
	MOCP	15		
SERVE	S	DSE-1		

GENERAL NOTES

1 COORDINATE POWER DSE POWERED THRU DSC
2 EC TO WIRE AND CONNECT INDOOR UNIT TO OUTDOOR UNIT.

3 DISCONNECTS BY EC.
 4 DSC TO INCLUDE LOW AMBIANT BAFFLES.

CONT	ROL DAME	PER
UNIT NO.	D-1	D-2
MANUFACTURER (DAMPER)	TAMCO/EBTRON	TAMCO/EBTRON
MODEL (DAMPER)	AIR - IQ2	AIR - IQ2
MANUFACTURER (ACTUATOR)	BELIMO	BELIMO
INSULATED DAMPER	NO	NO
SERVICE	AHU-3 - MIN OA	AHU-4 - OA
BLADE TYPE (OPPOSED / PARALLEL)	PARALLEL	PARALLEL
FAIL POSITION (FC / FO)	FC	FC
SIZE (IN) WxH	48 x 12	90 x 28
DAMPER TOTAL AIRFLOW (CFM)	8,000	24,000
DAMPER MINIMUM AIRFLOW (CFM)	8,000	6,000
MINIMUM AIRFLOW VELOCITY (FPM)	2,000	345
ACTUATION TYPE (ELEC. / PNEUMATIC)	ELEC / 24V	ELEC / 24V
INTEGRAL AIRFLOW MEASURING	YES	YES
REMARKS	1, 2, 3	1, 4, 5

GENERAL NOTES

- CONFIRM SIZE WITH ON SITE CONDITIONS PRIOR TO ORDERING.

 DAMPER AND ACTUATOR PROVIDED BY CONTRACTOR.
- DAMPER AND ACTUATOR PROVIDED BY CONTRACTOR.
 AHU-3 MINIMUM OUTSIDE AIR IS 8,000 CFM.
- AHU-3 MINIMUM OUTSIDE AIR IS 8,000 CFM.
 DAMPER PROVIDED BY CONTRACTOR. ACTUATOR TO BE REUSED.

AHU-4 MINIMUM OUTSIDE AIR IS 6,000 CFM.

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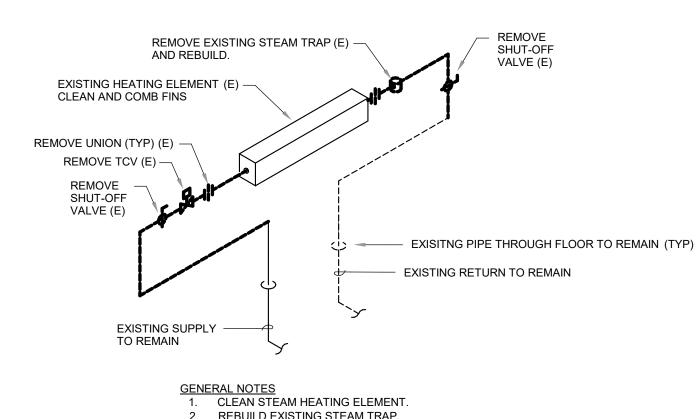
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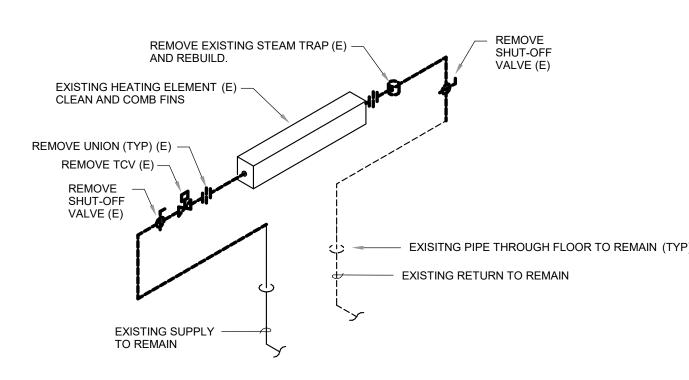
REVISIONS:

. 1ST AND 5TH

SCALE	
PROJECT NUMBER	210101
SET TYPE	PLAN REVIEW
DATE	

M801N





6 BRANCH DUCT AND DIFFUSER CONNECTION DETAIL
M901N SCALE: NONE

BALANCING VALVE (TYP) -

─ SHUT-OFF VALVE

VOLUME ELBOW ELBOW

CEILING DIFFUSER (TYP)

SEE PLANS OR SCHEDULE FOR NECK/FACE SIZE

RECTANGULAR
 SUPPLY BRANCH

PROVIDE 12" MINIMUM

CUSHION HEAD

-STRAINER

- PETE'S PLUG (TYP)

- RIGID ROUND SUPPLY BRANCH

FLEXIBLE DUCT

TEMPERATURE CONTROL VALVE -

5 HOT WATER BOOSTER COIL PIPING (3-WAY TCV)
M901N SCALE: NONE

45° ENTRY TAP FITTING -

SUPPLY AIR DUCT

CONICAL TAKEOFF FITTING -

AIRFLOW

45° ENTRY TAP FITTING $^{-1}$

RIGID 1.5 RADIUS ELBOW (TYP) —

COIL -

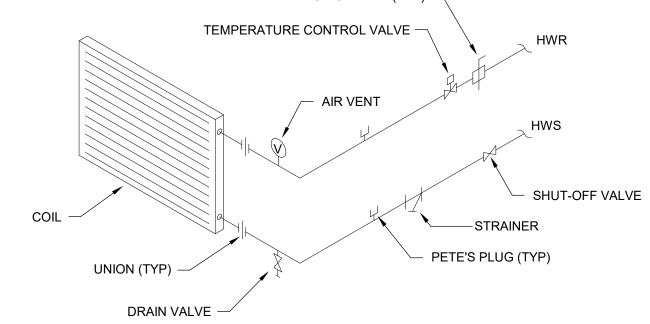
UNION (TYP) —

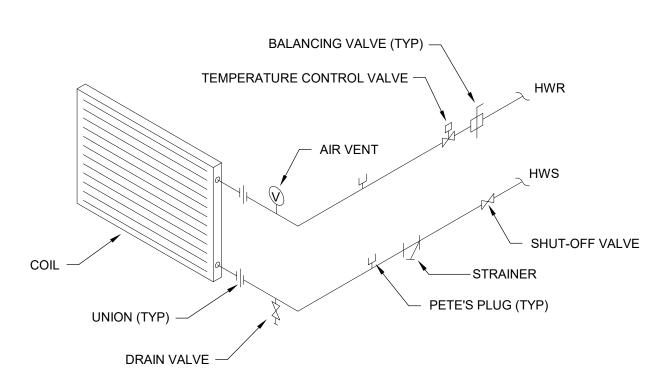
DRAIN VALVE

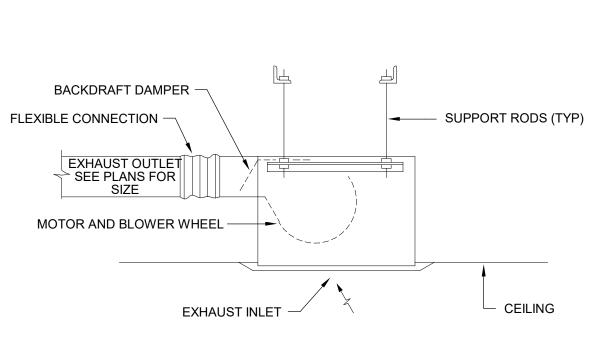
GENERAL NOTES 1. CLEAN STEAM HEATING ELEMENT. 2. REBUILD EXISTING STEAM TRAP.

7 EXISTING RADIATION PIPING DETAIL - DEMOLITION
M901N SCALE: NONE

4 HOT WATER BOOSTER COIL PIPING (2-WAY TCV)
M901N SCALE: NONE

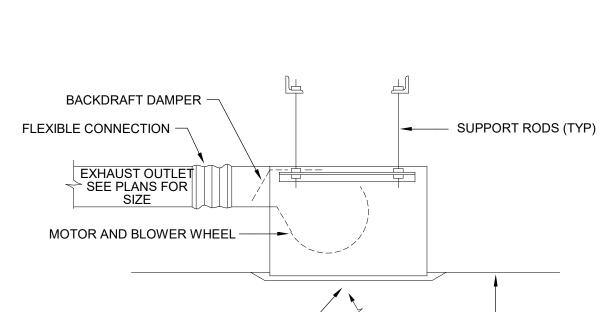


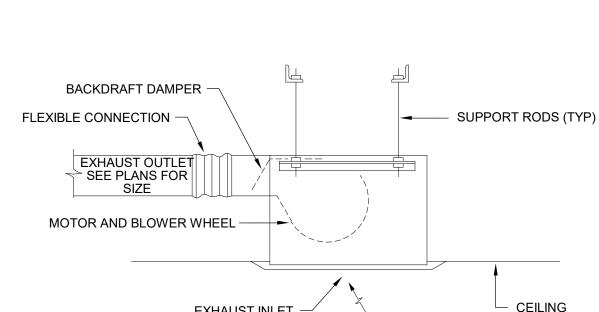


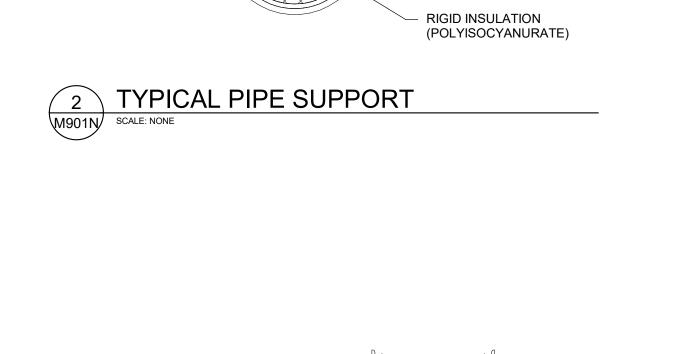


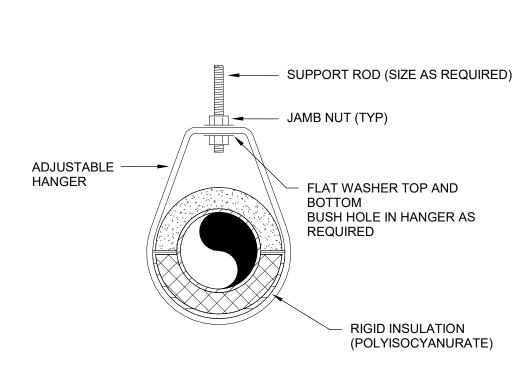
NOTE: VERTICAL DISCHARGE WHERE INDICATED ON DRAWINGS.

3 CEILING MOUNTED EXHAUST FAN
M901N SCALE: NONE



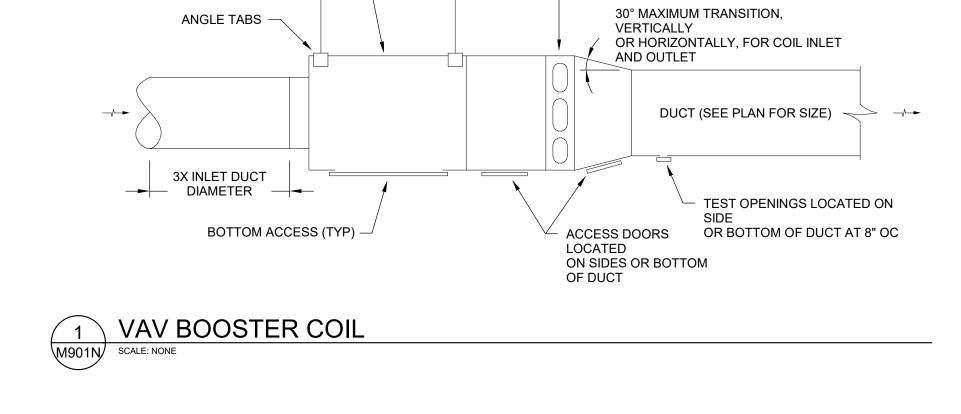






VAV BOX

ANGLE TABS -



PROVIDE 4 CORNER
 SUPPORTS
 TO STRUCTURE ABOVE (TYP)



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JDR PROJECT NO: 21.0191

. 1ST AND 5TH

CCB - STAGE 2 REMODEL -FLOORS

REVISIONS:

SCALE

PROJECT NUMBER

DATE ISSUED

PLAN REVIEW

12/22/2022

SHEET M901N

ELECTRICAL SYMBOLS AND ANNOTATIONS: LIGHTING FIXTURES FIRE ALARM FIRE ALARM DEVICE NOTATIONS FIXTURE NOTATIONS NOTIFICATION DEVICE LIGHT FIXTURE H**♦**- H**♦**- 15cd A, L-1A-13, c INDICATES CANDELA INTENSITY SWITCH SYSTEM DESIGNATION. BLANK INDICATES - SHADED SYMBOL INDICATES EXISTING DEVICE PORTION SWITCHED FROM LOCAL SWITCH OR OCCUPANCY SENSOR NOTIFICATION DEVICES CIRCUIT DESIGNATION (SEE SCHEDULE) SHADING INDICATES EXISTING DEVICE PANEL DESIGNATION (SEE SCHEDULE) HORN - WALL MOUNTED - FIXTURE DESIGNATION (SEE SCHEDULE) 田��-田��- HORN WITH STROBE - WALL MOUNTED SHADING INDICATES FIXTURE IS WIRED TO EMERGENCY LIGHTING CIRCUIT MM MINI HORN - WALL MOUNTED HATCHING INDICATES FIXTURE IS WIRED TO CRITICAL MI → MINI HORN WITH STROBE - WALL MOUNTED LIGHTING CIRCUIT HORIZONTAL LINE INDICATES LENS ORIENTATION S SPEAKER - WALL MOUNTED SKO-SKO- SPEAKER WITH STROBE - WALL MOUNTED SOLID FILLED CIRCLE INDICATES PENDANT FIXTURE STROBE - WALL MOUNTED EXIT SIGN NOTATION - PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED ON PLAN AND SCHEDULE HED BELL - WALL MOUNTED INDICATES DIRECTIONAL ARROWS HED BELL WITH STROBE - WALL MOUNTED ONE SIDE SHADED INDICATES SINGLE FACE SIGN HF/ BUZZER - WALL MOUNTED TWO SIDES SHADED INDICATES DOUBLE FACE SIGN -INDICATES EGRESS LIGHT HEADS BUZZER WITH STROBE - WALL MOUNTED (H) CEILING MOUNTED HORN/STROBE FIXTURE TYPES (H) CEILING MOUNTED HORN 2x2 LIGHT FIXTURE - RECESSED CEILING MOUNTED STROBE 2x4 LIGHT FIXTURE - RECESSED CEILING MOUNTED SPEAKER/STROBE LINEAR LIGHT FIXTURE - RECESSED © CEILING MOUNTED SPEAKER S SUPERVISED HORN LOUDSPEAKER 2x2 LIGHT FIXTURE - SURFACE 2x4 LIGHT FIXTURE - SURFACE DETECTORS AND SENSORS LINEAR LIGHT FIXTURE - SURFACE GAS DETECTOR - WALL MOUNTED LINEAR LIGHT FIXTURE - PENDANT SMOKE DETECTOR LINEAR LIGHT FIXTURE - WALL MOUNTED SMOKE DETECTOR FOR ELEVATOR RECALL SCONCE FIXTURE - WALL MOUNTED CARBON MONOXIDE DETECTOR CYLINDRICAL PENDANT FIXTURE H HEAT DETECTOR DOWNLIGHT FIXTURE - RECESSED DOWNLIGHT FIXTURE - SURFACE FIXED TEMP HEAT DETECTOR. (#) INDICATES TEMP RATING DIRECTIONAL DOWNLIGHT FIXTURE - RECESSED DIRECTIONAL ARROW SHOWN ON PLAN DS DUCT SMOKE DETECTOR FLOODLIGHT FIXTURE F FLAME DETECTOR FLOODLIGHT FIXTURE - WALL MOUNTED EMERGENCY LIGHT FIXTURE - WALL MOUNTED LH LINEAR HEAT DETECTOR EMERGENCY LIGHT FIXTURE - CEILING MOUNTED GD GD GAS DETECTOR POLE MOUNTED LIGHT FIXTURE - NUMBER OF HEADS AND ORIENTATION SHOWN ON PLAN COMBINATION SMOKE & CO2 DETECTOR BOLLARD LIGHT FIXTURE HD HYDROGEN DETECTOR EXIT SIGN - CEILING MOUNTED EXIT SIGN - WALL MOUNTED EXIT SIGN - PENDANT ACTIVATION DEVICES ☐ ☐ PULL STATION **LIGHTING CONTROLS** MONITORED DEVICES CONTROLS NOTATIONS HE MASTER KEY BOX lk KEY REPOSITORY SWITCH SYSTEM DESIGNATION PE PRESSURE SWITCH — SWITCH TYPE SD SMOKE DAMPER 4 - 4-WAY P - WITH PILOT LIGHT FS SPRINKLER FLOW SWITCH K - KEYED TS SPRINKLER TAMPER SWITCH - SINGLE POLE (NO DESIGNATION) CM CONTROL MODULE GENERIC LIGHTING CONTROL DEVICE WC1 DESIGNATION - REFER TO SCHEDULE DH DH DOOR HOLDER DC DC DOOR CLOSER CONTROL TYPES R R FAN SHUTDOWN RELAY → SWITCH ── DIMMER SWITCH MM MONITOR MODULE ⊩ LIGHTING CONTROL DEVICE REMOTE STATION FOR DUCT MOUNTED SMOKE DETECTOR HOS OCCUPANCY SENSOR - WALL MOUNTED PANELS AND INTERFACES □ DAYLIGHT SENSOR - WALL MOUNTED FACP FACP FIRE ALARM CONTROL PANEL PHOTO CELL SENSOR - WALL MOUNTED FAAP FAAP FIRE ALARM ANNUNCIATOR PANEL IP DIGITAL TOUCHPAD LIGHTING CONTROL NAC NAC FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT TIME CLOCK

©S OCCUPANCY SENSOR - CEILING MOUNTED

PHOTO CELL SENSOR - CEILING MOUNTED

(DL) DAYLIGHT SENSOR - CEILING MOUNTED

(HUB) WIRELESS HUB - CEILING MOUNTED

LCP LIGHTING CONTROL PANEL

FSS FIRE SUPPRESSION SYSTEM

FIREFIGHTER PHONE HANDSET

FIREFIGHTER TELEPHONE JACK

VESDA VESDA PANEL

(ALL SYMBOLS, DESIGNATIONS, ANNOTATIONS & ABBREVIATIONS SHOWN MAY NOT APPEAR ON DRAWINGS) **POWER EQUIPMENT** RECEPTACLE NOTATIONS Д RECEPTACLE Ψ H-2A-9 - CIRCUIT DESIGNATION PANEL DESIGNATION (IF NONE SHOWN, REFER TO PLAN FOR PANEL BOUNDARIES) RECEPTACLE TYPE OR EQUIPMENT SERVED A - ARC FAULT INTERRUPTING, TAMPER RESISTANT AG - ARC FAULT INTERRUPTING, GFCI, TAMPER RESISTANT AP - TAMPER RESISTANT, ARC FAULT PROTECTION @ BREAKER CP - COUNTER POP-UP RECEPTACLE DISP - SINK DISPOSAL UNIT EWC - ELECTRIC WATER COOLER, GFCI @ AT CIRCUIT BREAKER GFB - PROTECTED BY GROUND FAULT BREAKER GFI - GROUND FAULT INTERRUPTOR GT - GFCI TAMPER RESISTANT GW - GFCI, WEATHER RESISTANT, IN-USE COVER GWT - GFCI, WEATHER RESISTANT, TAMPER RESISTANT, IN-USE COVER MCRV - MICROWAVE RFG - REFRIGERATOR, GFCI PROTECTION @ CIRCUIT BREAKER RTU - FACTORY MOUNTED IN ROOFTOP AC UNIT SS - SURGE SUPPRESSION T - TAMPER RESISTANT UC - UNDER CABINET UT - RECEPTACLE WITH USB CHARGING PORTS USB - TAMPER RESISTANT, USB CHARGING PORTS WR - WEATHER RESISTANT WRC - WEATHER RESISTANT, IN-USE COVER WT - WEATHER RESISTANT, TAMPER RESISTANT, IN-USE COVER HORIZONTAL LINE INDICATES COUNTERTOP RECEPTACLE - WALL MOUNTED AT 4" ABOVE COUNTERTOP OR COUNTER BACKSPLASH TO CENTER OF DEVICE. SEE PLANS FOR OUTLET TYPE DIAGONAL LINE INDICATES RAISED RECEPTACLE MOUNTED AT 46" UNLESS OTHERWISE INDICATED. POWER CONNECTION TYPES ALL RECEPTACLES WALL MOUNTED AT 18" AFF TO CENTER OF DEVICE UNLESS NOTED OTHERWISE DUPLEX RECEPTACLE OCCUPANCY CONTROLLED RECEPTACLE ISOLATED GROUND DUPLEX RECEPTACLE SPLIT WIRED DUPLEX RECEPTACLE DOUBLE DUPLEX RECEPTACLE ATS1 OCCUPANCY CONTROLLED DOUBLE DUPLEX RECEPTACLE ISOLATED GROUND DOUBLE DUPLEX RECEPTACLE SPLIT WIRED DOUBLE DUPLEX RECEPTACLE SIMPLEX RECEPTACLE DUPLEX RECEPTACLE - CEILING MOUNTED DOUBLE DUPLEX RECEPTACLE - CEILING MOUNTED SIMPLEX RECEPTACLE - CEILING MOUNTED □ CORD REEL/DROP PROJECTOR OUTLET - INCLUDES DATA AND POWER WIRE(S)/CABLE(S) SURFACE RACEWAY

FLOOR BOX

POKE THRU

CEILING FAN

POWER POLE

JUNCTION BOX - CEILING MOUNTED

JUNCTION BOX - WALL MOUNTED

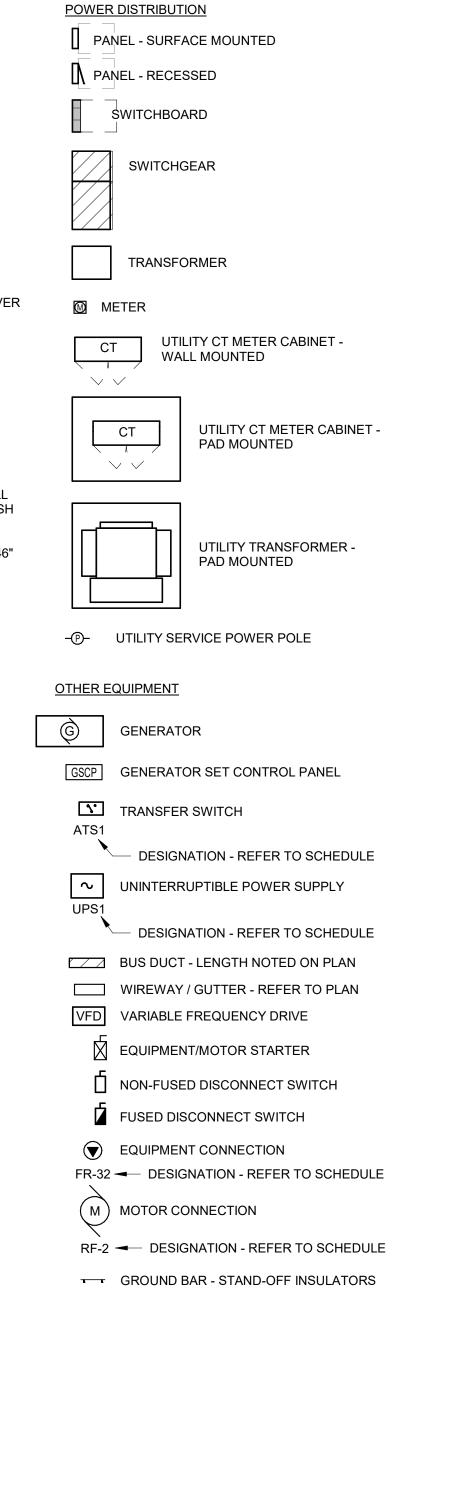
PUSHBUTTON SWITCH - START/STOP

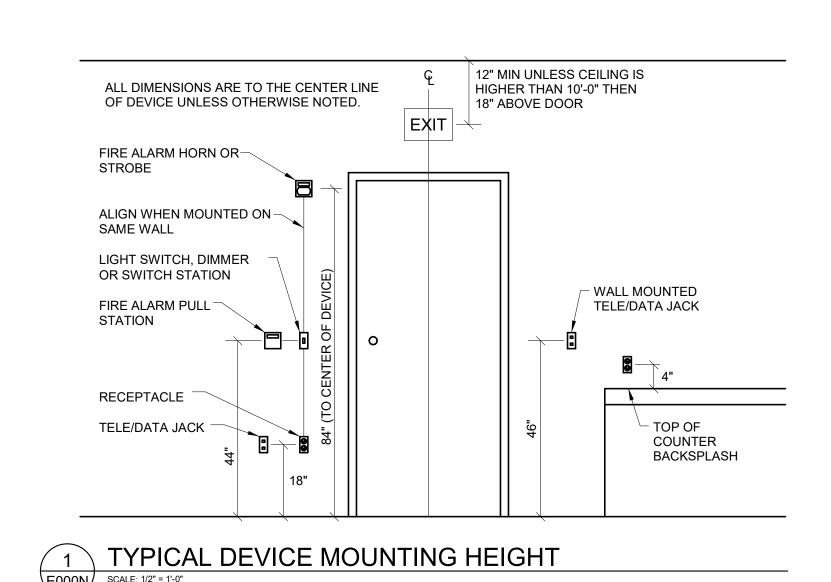
EMERGENCY STOP PUSHBUTTON

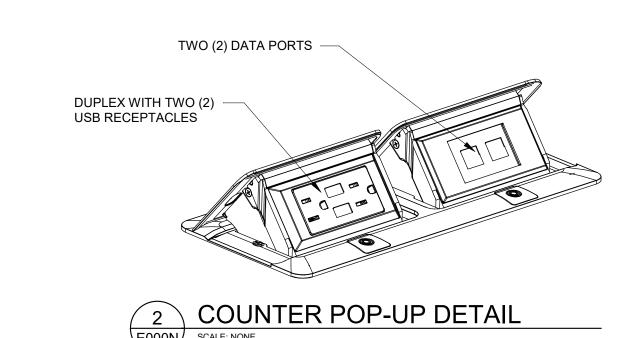
PUSHBUTTON DOOR OPENER

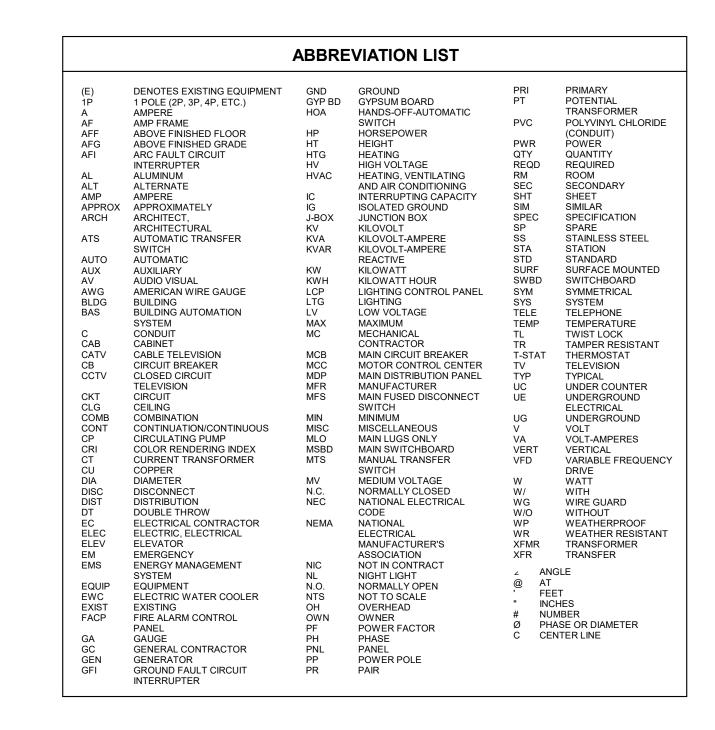
FURNITURE FEED

OCCUPANY CONTROLLED FURNITURE FEED









ELECTRICAL SHEET INDEX

E600N PANEL SCHEDULES - ELECTRICAL

E000N SYMBOLS. ABBREVIATIONS & DETAILS - ELECTRICAL

E104N ENLARGED DEMOLITION PLAN - LEVEL 05 - ELECTRICAL

E801N SCHEDULES - LIGHTING, DEVICES, AND CONNECTIONS

E103N ENLARGED DEMOLITION PLAN - LEVEL 01 - NORTH - ELECTRICAL

E201N ENLARGED PLAN - LEVEL 01 - TREASURER AND ASSESSOR - LIGHTING

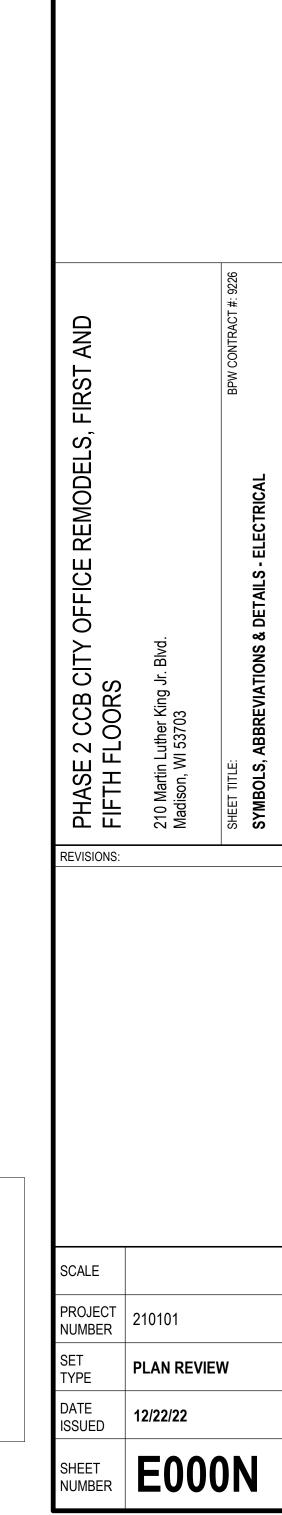
E211N ENLARGED PLAN - LEVEL 01 - TREASURER AND ASSESSOR - POWER/SYSTEMS

E202N ENLARGED PLAN - LEVEL 01- CLERK, SHARED BREAK AND CONFERENCE ROOMS - LIGHTING

E212N ENLARGED PLAN - LEVEL 01- CLERK, SHARED BREAK AND CONFERENCE ROOMS - POWER/SYSTEMS

E214N ENLARGED PLAN - LEVEL 05 - COMMON COUNCIL, OIM, SHARED BREAKROOM - POWER/SYSTEMS

E204N ENLARGED PLAN - LEVEL 05 - COMMON COUNCIL, OIM, SHARED BREAKROOM - LIGHTING



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Milwaukee, WI

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5525 NOBEL DRIVE

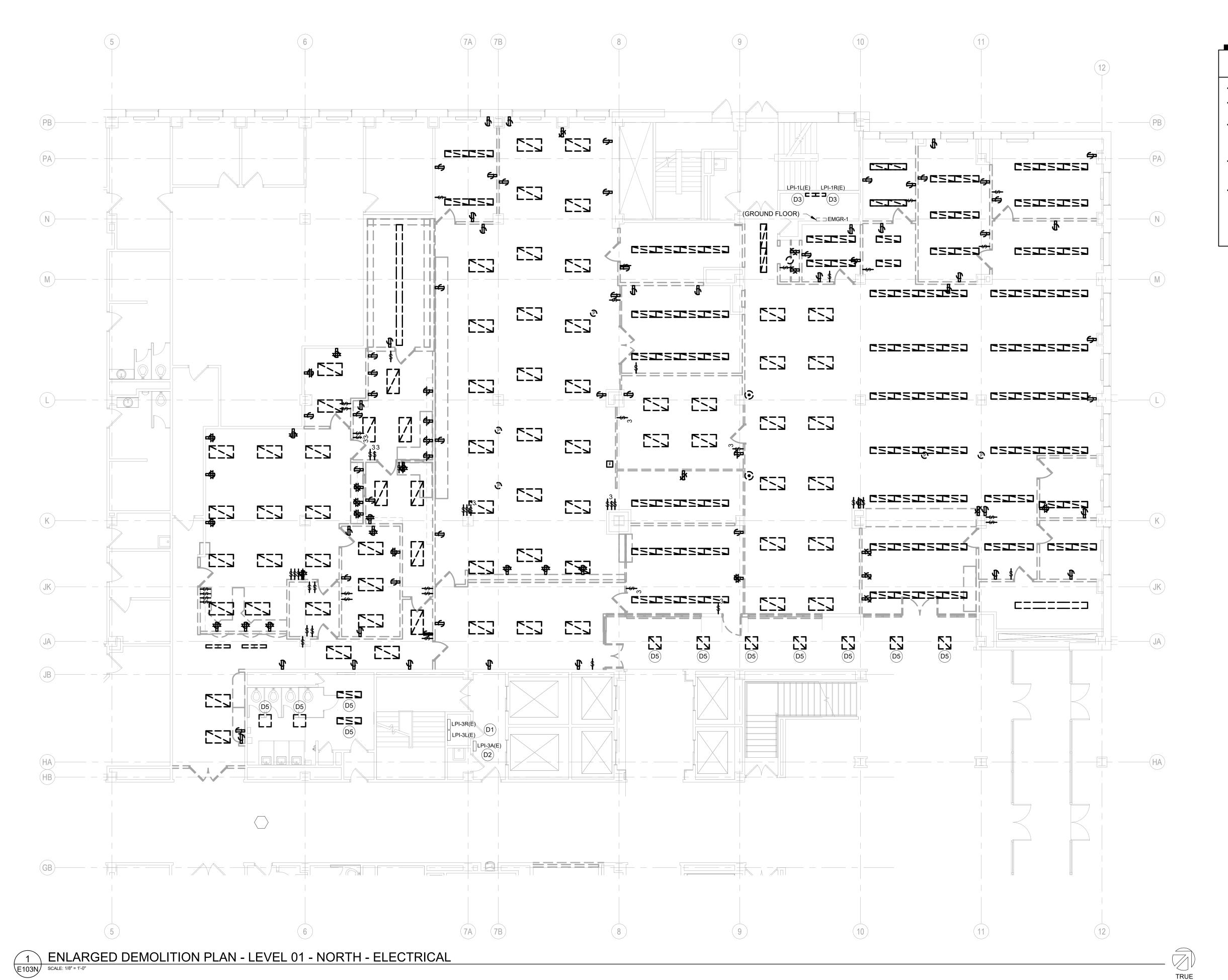
SUITE 110

MADISON, WI 53711

PH: 608.277.1728

FAX: 608.271.7046

IDR PROJECT NO: 21.0191



DEMOLITION GENERAL NOTES

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL DARK DASHED LINES APPROXIMATELY INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS INDICATED OTHERWISE. REMOVE ANY/ALL UNUSED BOXES, WIRING AND
- MAINTIAN THE EXISTING SIMPLEX #4100U FIRE ALARM SYSTEM THROUGHOUT THE CONSTRCUTION AREA AND THE BUILDING. SYSTEM SHALL BE ACTIVE AND MONITORED THROUGHOUT THE CONSTRUCTION PERIOD, PROVIDE FIRE WATCH, ETC. AS REQUIRED BT THE LOCAL AHJ.

CONDUIT BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT ONLY

ALL ELECTRICAL CONDUCTORS AND CONDUITS SERVING REMOVED EQUIPMENT AND DEVICES SHALL BE COMPLETELY REMOVED. CONDUIT AND CONDUCTORS SHALL NOT BE ABANDONED IN PLACE. EXISTING CONDUITS AND PATHWAYS MAY BE REUSED. FOR NEW WORK, EXISTING CONDUCTORS MAY NOT BE REUSED, UNLESS SPECIFICALLY NOTED.

DEMOLITION KEYED NOTES

(KEYED NOTES REFER TO PROJECT NUMBERING SYSTEM)

- D1 EXISTING 208Y/120V, 3-PHASE, 4-WIRE, 225A, 84-CIRCUIT, DOUBLE TUB SQUARE-D #NQOD SERIES PANELBOARD, "LP1-3L" AND "LP1-3R" TO REMAIN. PANEL SHALL BE REUSED TO FEED EXISTING AND NEW LOADS AS SHOWN ON E200 SERIES SHEETS.
- D2 EXISTING 208Y/120V, 3-PHASE, 4-WIRE, 225A, 30-CIRCUIT, SQUARE-D #NQOD SERIES PANELBOARD, "LP1-3A" TO REMAIN. PANEL SHALL BE REUSED TO FEED NEW LOADS AS SHOWN ON E200 SERIES SHEETS.
- D3 EXISTING 208Y/120V, 3-PHASE, 4-WIRE, 225A, 51-CIRCUIT, DOUBLE TUB GENERAL ELECTRIC PANELBOARD "LP1-1" TO BE
- DISCONNECTED REMOVED AND REPLACED. NEW PANEL SHALL BE USED TO FEED NEW LOADS AS SHOWN ON E200 SERIES SHEETS.
- D5 DISCONNECT AND SALVAGE EXISTING LIGHT FIXTURE(S) FOR RE-INSTALLATION.





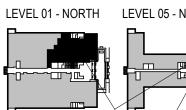
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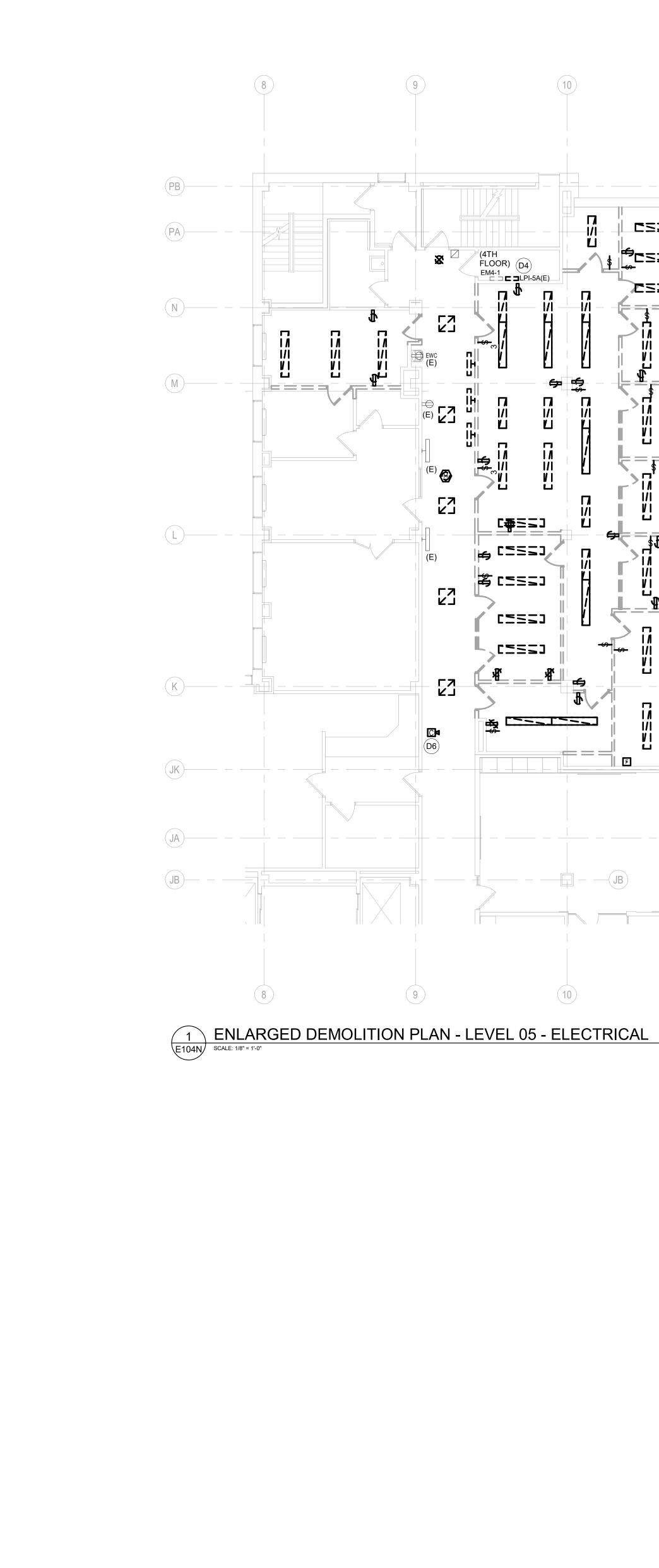
ONSULTANTS:

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FAX: 608.271.7046

JDR PROJECT NO: 21.0191





DEMOLITION GENERAL NOTES

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
 - ALL DARK DASHED LINES APPROXIMATELY INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS INDICATED OTHERWISE. REMOVE ANY/ALL UNUSED BOXES, WIRING AND

CONDUIT BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT ONLY

- MAINTIAN THE EXISTING SIMPLEX #4100U FIRE ALARM SYSTEM THROUGHOUT THE CONSTRCUTION AREA AND THE BUILDING. SYSTEM SHALL BE ACTIVE AND MONITORED THROUGHOUT THE CONSTRUCTION PERIOD, PROVIDE FIRE WATCH, ETC. AS REQUIRED BT THE LOCAL AHJ.
 - ALL ELECTRICAL CONDUCTORS AND CONDUITS SERVING REMOVED EQUIPMENT AND DEVICES SHALL BE COMPLETELY REMOVED. CONDUIT AND CONDUCTORS SHALL NOT BE ABANDONED IN PLACE. EXISTING CONDUITS AND PATHWAYS MAY BE REUSED. FOR NEW WORK, EXISTING CONDUCTORS MAY NOT BE REUSED, UNLESS SPECIFICALLY NOTED.

DEMOLITION KEYED NOTES

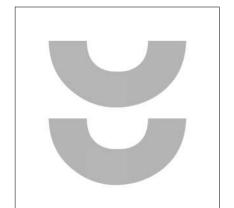
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[222]

(KEYED NOTES REFER TO PROJECT NUMBERING SYSTEM)

- D4 EXISTING 208Y/120V, 3-PHASE, 4-WIRE, 225A, 42-CIRCUIT, SQUARE D NQOD PANELBOARD "LP5-1" TO BE DISCONNECTED REMOVED AND REPLACED. PANEL SHALL BE USED TO FEED NEW LOADS AS SHOWN ON E200 SERIES SHEETS.
- DISCONNECT, PROTECT, AND CLEAN EXISTING CAMERA FOR INSTALLATION IN NEW CEILING AS REQUIRED.



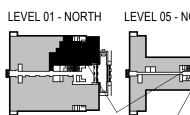
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LIGHTING GENERAL NOTES

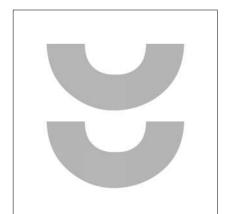
- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE AND CONTROLLER INSTALLATIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- VACANCY/OCCUPANCY SENSOR LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. ACTUAL LOCATION TO BE DETERMINED IN FIELD PER MANUFACTURER'S RECOMMENDATIONS AND LAYOUT. PROVIDE A MINIMUM 4'-0" OF LEX CONDUIT/WIRING SO THAT THE SENSOR CAN BE FIELD ADJUSTED FOR PROPER COVERAGE DURING FINAL COMMISSIONING. THE TRAINED FACTORY PERSONNEL SHALL PERFORM THE FINAL COMMISSIONING.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING
- EXIT SIGNAGE IS INDICATED ON THE PLANS BASED ON ANTICIPATED EGRESS PATHS THROUGHOUT THE BUILDING. ELECTRICAL CONTRACTOR SHALL CONFIRM ALL EGRESS PATHS WITH ARCHITECT/OWNER/GENERAL CONTRACTOR DURING CONSTRUCTION AND SHALL ADD/MODIFY EXIT SIGNAGE AS REQUIRED TO COMPLY WITH PATHWAYS.
- CONNECT ANY/ALL NEW EMERGENCY & EXIT LIGHTING SHOWN (SHADED) TO EXISTING EMERGENCY LIGHTING CIRCUIT(S) ON THE FLOOR, FED FROM PANEL EMRG-1 ON THE GROUND FLOOR.
- CIRCUIT NUMBERING IS FOR GROUPING PURPOSES ONLY. COORDINATE EXACT CIRCUITS AVAILABLE UPON COMPLETION OF DEMOLITION.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6'0" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES. LIGHT FIXTURES AND OTHER APPARATUS SUPPORTED BY THE ACOUSTICAL CEILING GRID MUST MEET THE REQUIREMENTS OF NEC SECTION 410.16, MEANS OF SUPPORT.

LIGHTING CONTROL NOTES

ALL LIGHTING CONTROLS SHALL BE LUTRON VIVE SYSTEM DEVICES. PROVIDE CONTROL DEVICES, LOAD CONTROLLERS, HUBS, RELAY MODULES, SOFTWARE, ETC. AS REQUIRED TO ACHIEVE THE CONTROLS SHOWN AND TIMECLOCK SCHEDULING, ENERGY/SYSTEM MONITORING, DEMAND RESPONSE LOAD SHED, AND INTEGRATION THROUGH THE BAS. NEW VIVE SYSTEM COMPONENTS SHALL ALSO BE CAPABLE OF CONNECTING TO ANY/ALL EXISTING LUTRON VIVE SYSTEMS WITHIN THE EXISTING BUILDING. COORDINATE ALL REQUIREMENTS WITH ENGINEERED REPRESENTATION,

(KEYED NOTES REFER TO PROJECT NUMBERING SYSTEM)

- L1 PROVIDE EXTRON TOUCHPANEL TO PROVIDE CONTROL FOR DIMMING ZONES "A" THRU "S" AS INDICATED ON THE PLANS. L2 INSTALL EXISTING LIGHT FIXTURES SALVAGED IN DEMOLITION
- PHASE, EXTEND EXISTING CONDUCTORS TO NEW FIXTURE P2 NEW 280Y/120V, 3-PHASE, 4-WIRE, 200A, 84-CIRCUIT DOUBLE TUB
- PANELBOARD, "LP1-1". NEW PANEL SHALL BE USED TO FEED CIRCUITS AS SHOWN ON E200 SERIES SHEETS. REFER TO E600 FOR MORE INFORMATION.
- P9 PROVIDE 120V/1P CONNECTION TO LUTRON VIVE WIRELESS HUB. PROVIDE CAT6 CABLING FROM HUB TO I.T. RACK "TR-2" LOCATED IN ROOM "IT CLOSET" SIT03. COORDINATE ALL REQUIREMENTS WITH LOW VOLTAGE CONTRACTOR.



T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI

53202 ONSULTANTS:

ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728

JDR PROJECT NO: 21.0191

FAX: 608.271.7046

LEVEL 01 - NORTH LEVEL 05 - NORTH

REVISIONS:

PROJECT NUMBER

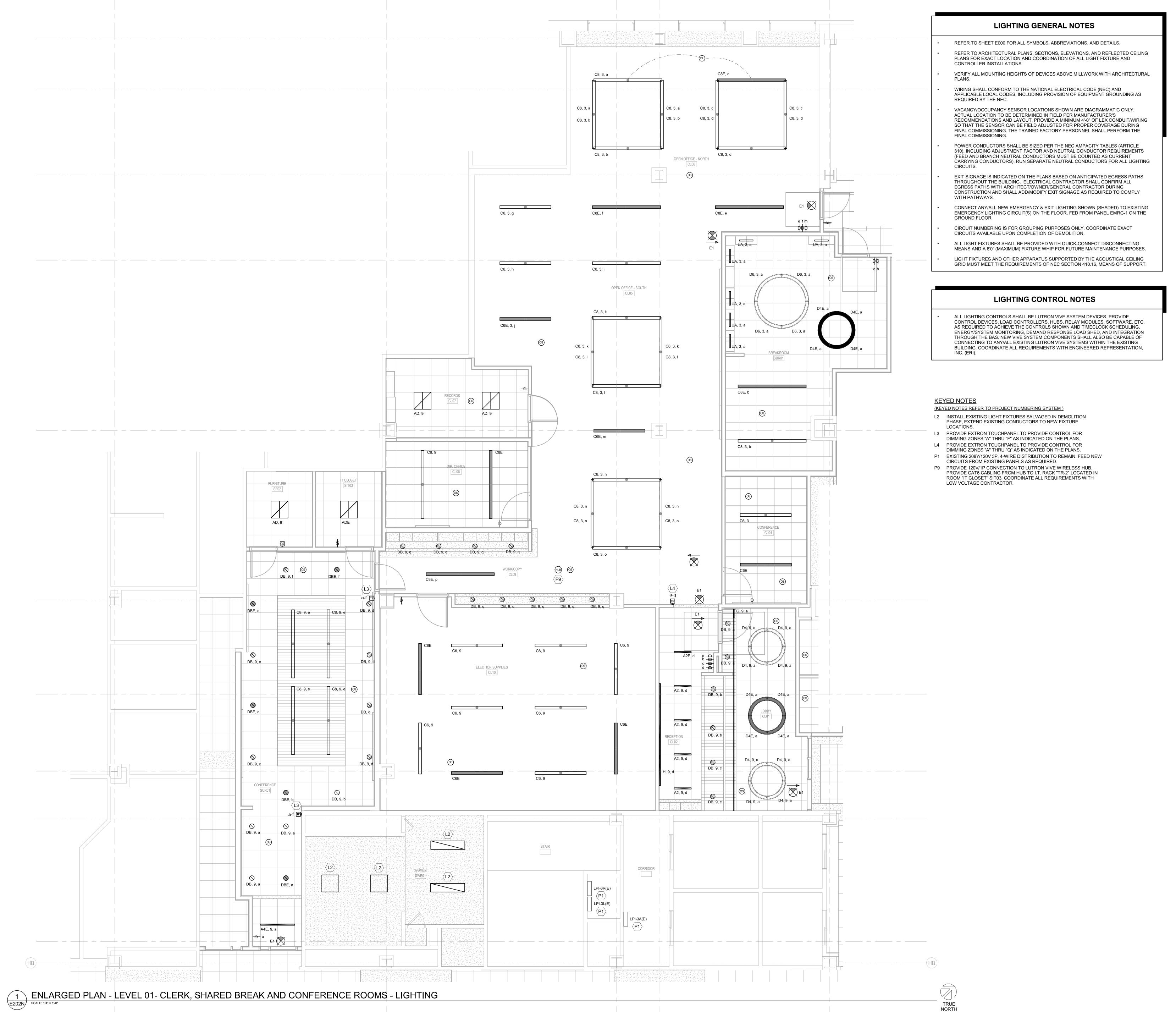
PLAN REVIEW

E201N

ENLARGED PLAN - LEVEL 01 - TREASURER AND ASSESSOR - LIGHTING

SCALE: 1/4" = 1'-0"

TRUE NORTH



ONSULTANTS:

5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

JDR PROJECT NO: 21.0191

LEVEL 01 - NORTH LEVEL 05 - NORTH

PHASE 2 CCB (FIFTH FLOORS

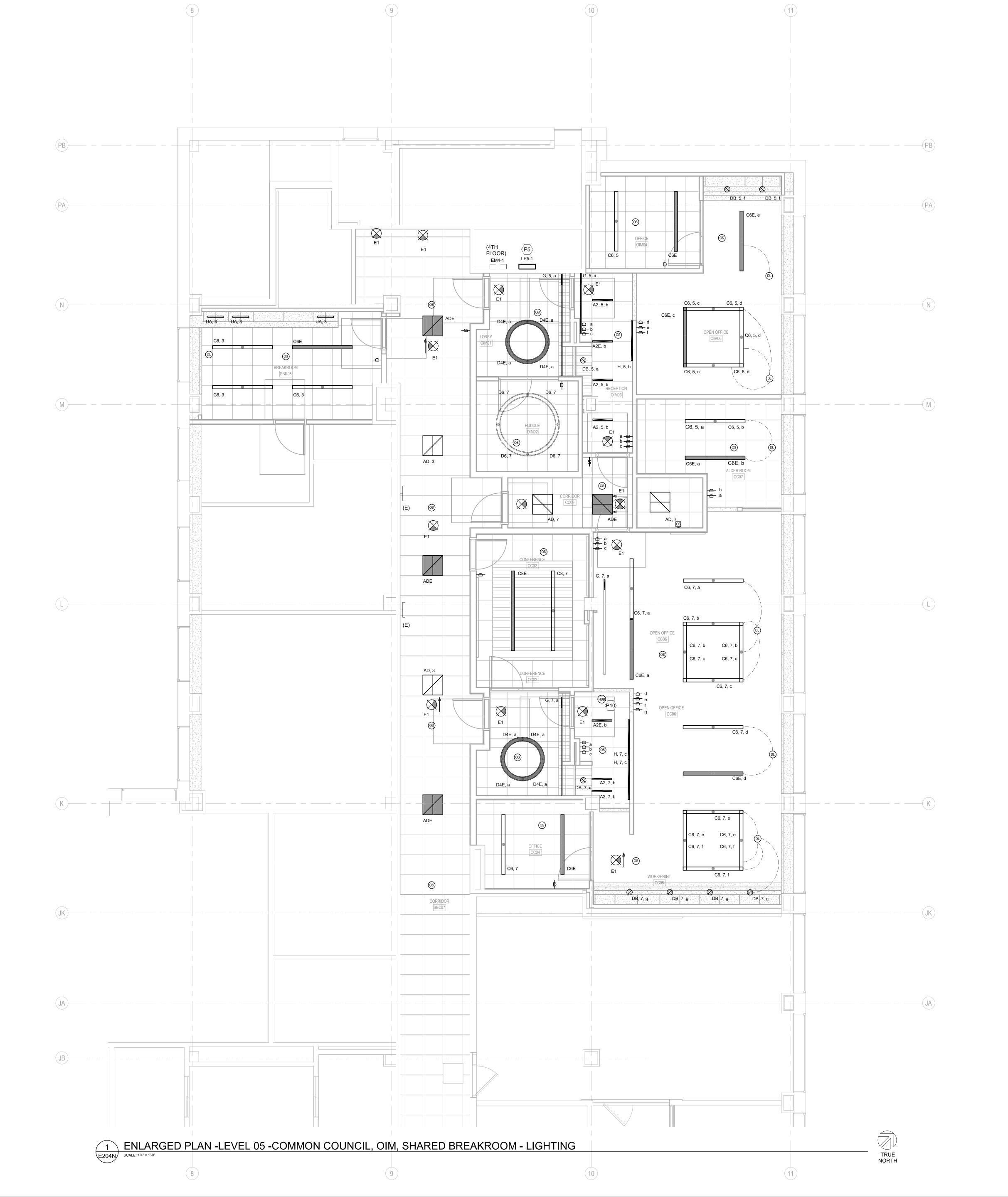
REVISIONS:

PROJECT NUMBER

PLAN REVIEW

DATE ISSUED SHEET NUMBER

E202N



LIGHTING GENERAL NOTES

REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.

FINAL COMMISSIONING.

WITH PATHWAYS.

- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE AND CONTROLLER INSTALLATIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL
 PLANS
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- VACANCY/OCCUPANCY SENSOR LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY.
 ACTUAL LOCATION TO BE DETERMINED IN FIELD PER MANUFACTURER'S
 RECOMMENDATIONS AND LAYOUT. PROVIDE A MINIMUM 4'-0" OF LEX CONDUIT/WIRING
 SO THAT THE SENSOR CAN BE FIELD ADJUSTED FOR PROPER COVERAGE DURING
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- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- EXIT SIGNAGE IS INDICATED ON THE PLANS BASED ON ANTICIPATED EGRESS PATHS THROUGHOUT THE BUILDING. ELECTRICAL CONTRACTOR SHALL CONFIRM ALL EGRESS PATHS WITH ARCHITECT/OWNER/GENERAL CONTRACTOR DURING CONSTRUCTION AND SHALL ADD/MODIFY EXIT SIGNAGE AS REQUIRED TO COMPLY
- CONNECT ANY/ALL NEW EMERGENCY & EXIT LIGHTING SHOWN (SHADED) TO EXISTING EMERGENCY LIGHTING CIRCUIT(S) ON THE FLOOR, FED FROM PANEL EM4-1 ON THE
- CIRCUIT NUMBERING IS FOR GROUPING PURPOSES ONLY. COORDINATE WITH EXISTING LOADS AND FOR PANEL CONNECTIONS.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6'0" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
- LIGHT FIXTURES AND OTHER APPARATUS SUPPORTED BY THE ACOUSTICAL CEILING GRID MUST MEET THE REQUIREMENTS OF NEC SECTION 410.16, MEANS OF SUPPORT.

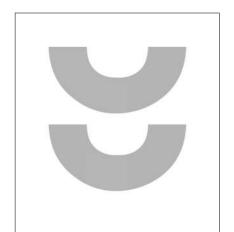
LIGHTING CONTROL NOTES

• ALL LIGHTING CONTROLS SHALL BE LUTRON VIVE SYSTEM DEVICES. PROVIDE CONTROL DEVICES, LOAD CONTROLLERS, HUBS, RELAY MODULES, SOFTWARE, ETC. AS REQUIRED TO ACHIEVE THE CONTROLS SHOWN AND TIMECLOCK SCHEDULING, ENERGY/SYSTEM MONITORING, DEMAND RESPONSE LOAD SHED, AND INTEGRATION THROUGH THE BAS. NEW VIVE SYSTEM COMPONENTS SHALL ALSO BE CAPABLE OF CONNECTING TO ANY/ALL EXISTING LUTRON VIVE SYSTEMS WITHIN THE EXISTING BUILDING. COORDINATE ALL REQUIREMENTS WITH ENGINEERED REPRESENTATION, INC. (ERI).

KEYED NOTES

(KEYED NOTES REFER TO PROJECT NUMBERING SYSTEM)

- P5 NEW 280Y/120V, 3-PHASE, 4-WIRE, 200A, 84-CIRCUIT PANELBOARD, "LP5-1". NEW PANEL SHALL BE USED TO FEED CIRCUITS AS SHOWN ON E200 SERIES SHEETS. REFER TO E600 FOR MORE INFORMATION.
- P10 PROVIDE 120V/1P CONNECTION TO LUTRON VIVE WIRELESS HUB. PROVIDE CAT6 CABLING FROM HUB TO I.T. RACK "TR-3". REFER TO SHEET T202N FOR RACK LOCATION. COORDINATE ALL REQUIREMENTS WITH LOW VOLTAGE CONTRACTOR.



T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

53202

CONSULTANTS:

ENGINEERING, INC.
5525 NOBEL DRIVE
SUITE 110
MADISON, WI 53711
PH: 608.277.1728

JDR PROJECT NO: 21.0191

FAX: 608.271.7046

LEVEL 01 - NORTH LEVEL 05 - NORTH

EL 01 - NORTH LEVEL 05 - NO

AREAS OF WORK

BPW CONTRACT #: 9: NCIL, OIM, SHARED BREAKROOM -

uther King Jr. Blvd. 53703

REVISIONS:

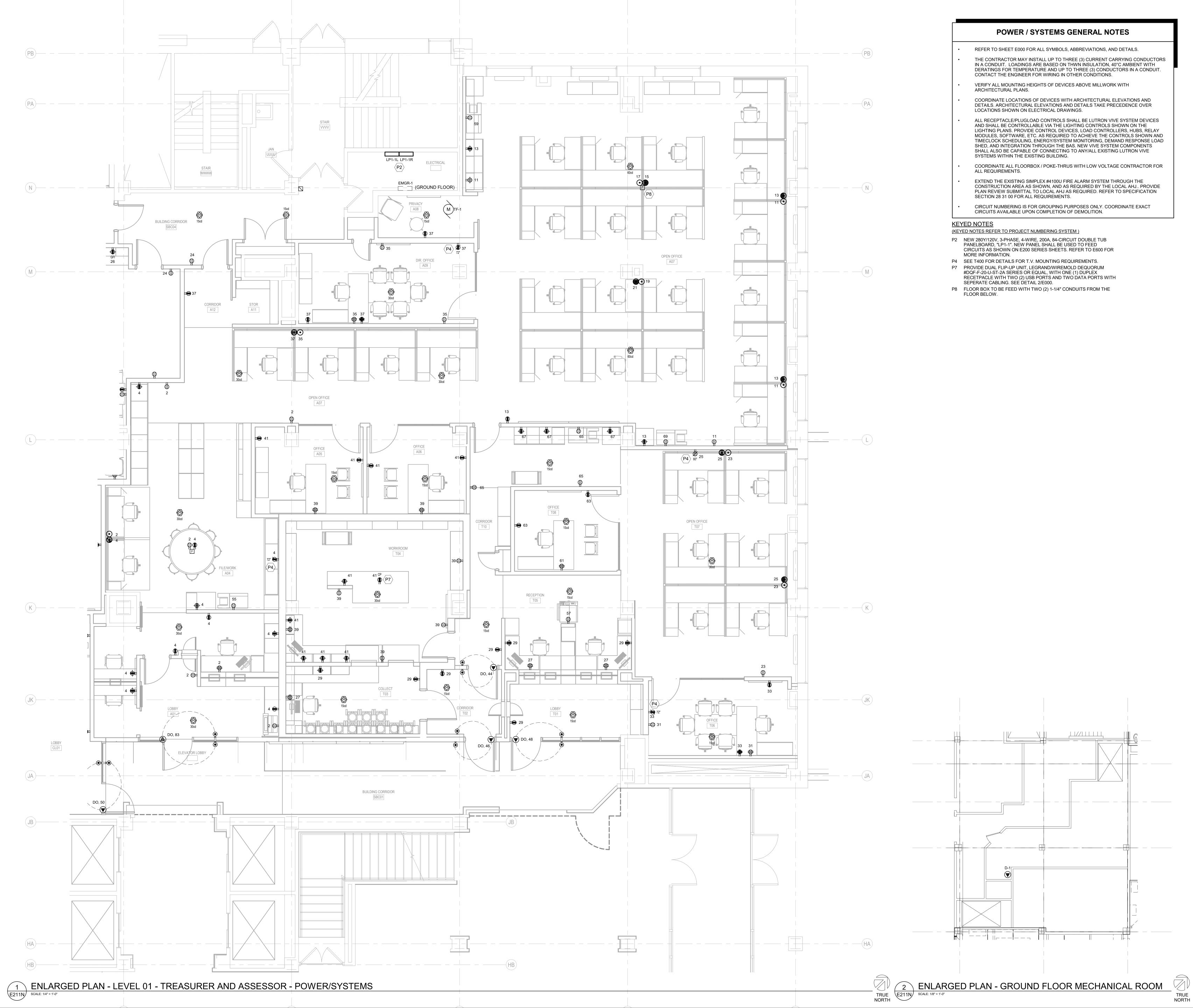
SCALE

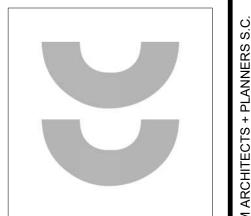
PROJECT 210101

NUMBER

PLAN REVIEW
ATE 12/22/22

E204N





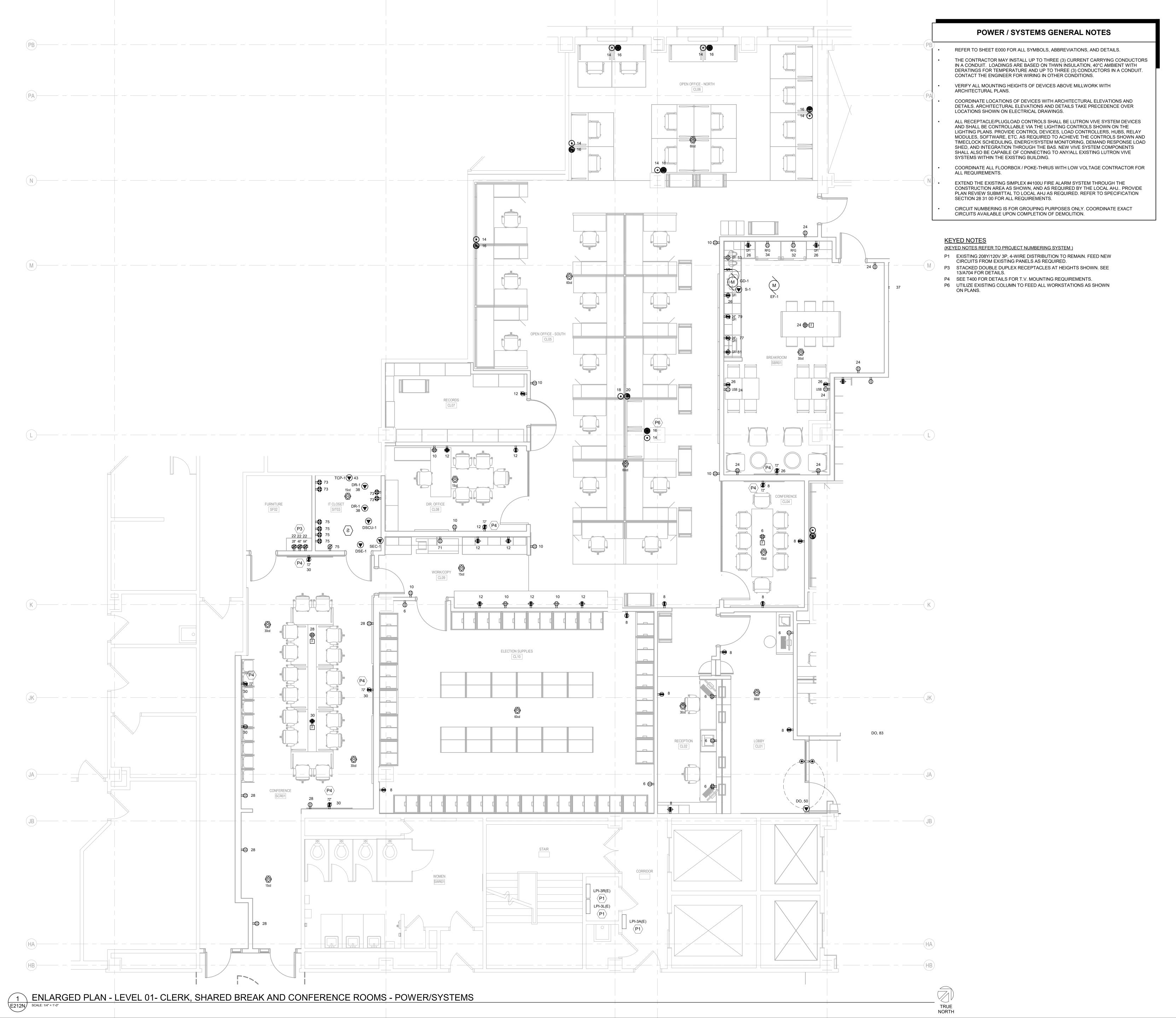
53202 CONSULTANTS:

ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110

MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

JDR PROJECT NO: 21.0191

PROJECT NUMBER





CONSULTANTS:

5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728

JDR PROJECT NO: 21.0191

FAX: 608.271.7046

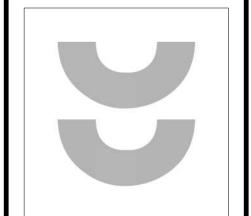
PROJECT NUMBER

PLAN REVIEW

SHEET NUMBER

E212N





CONSULTANTS:

ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110

MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

JDR PROJECT NO: 21.0191

PROJECT NUMBER

VOLTS	120/208	٧	P	HASE	3	Ø		# WIRE	4	W					
		LOAD		BREA	KER	CKT		PHASE		CKT	BREA	KER		LOAD	
DESCRIPTION		(VA)	TY	AMP	Р	NO	Α	В	С	NO	AMP	Р	TY	(VA)	DESCRIPTION
-STAIRWAY A			L	20	1	1				16	20	1	R		104-L
₋ -104			L	20	1	2				17	20	1	R		L-104
₋ -104-103			L	20	1	3				18	15	1	R		L-104
₋ -108-104			L	20	1	4				19	15	1	R		L-107
₋ -105-106			L	20	1	5				20	15	1	R		L-108-110-158
₋ -121			R	20	1	6				21	15	1	R		L-121
₋ -121			R	20	1	7				22	15	1	R		L-121
₋ -121			R	20	1	8				23	15	1	R		L-121
₋ -112-114			R	20	1	9				24	15	1	R		(UNLABELED)
R-107			R	20	1	10				25	15	1	R		R-104-106-108
R-106-107			R	20	1	11				26	15	1	R		R-105-106
R-104-105			R	20	1	12				27	20	1	R		R-102-103-104
R-104			R	20	1	13				28	15	1	R		R-104-108-109
R-104			R	20	1	14				29	15	1	R		R-104-121
R-104			R	20	1	15				30	20	1	R		R-102-121
				•											
BUS RATING		100	Α												
		•	Α								·				·

1	EXISTING PANEL SCHEDULE - PANEL LP1-1(L)
E600N	SCALE: NONE

VOLTS 120/208	V	P	HASE	3	Ø		# WIRE	4	W					
	LOAD		BREA	KER	CKT		PHASE		СКТ	BREA	KER		LOAD	
DESCRIPTION	(VA)	TY	AMP	Р	NO	Α	В	С	NO	AMP	Р	TY	(VA)	DESCRIPTION
AN RM 102		L	20	1	1				2	20	1	М		
RECEPTACLES 102		L	20	1	3				4	20	1	М		CEILING LIGHTS 107A
RECEPTACLES 102		Α	20	1	5				6	20	1	М		RECEPTACLES 107A
IGHTS 107		0	20	2	7				8	20	1	М		RECEPTACLES 106 G,H
IGHTS 107		0	-	-	9				10	20	1	М		CONFERENCE ROOM 101
RECEPTACLES 107		0	20	1	11				12	20	1	М		LIGHTS 101-103
UNLABELED)		0	20	1	13				14	20	1	М		CORRIDOR LIGHTS 104
UNLABELED)		0	20	1	15				16	20	1	М		GFI RECEPTACLE 104
UNLABELED)		0	20	1	17				18	20	1	М		(UNLABELED)
UNLABELED)		R	20	1	19				20	20	1	М		(UNLABELED)
UNLABELED)		М	20	1	21				22	20	1	М		(UNLABELED)
UNLABELED)		М	20	1	23				24	20	1	М		(UNLABELED)
UNLABELED)		М	20	1	25				26	20	1	М		(UNLABELED)
UNLABELED)		М	20	1	27				28	20	1	М		(UNLABELED)
IGHTS 180		М	20	1	29				30	20	1	М		LIGHTS 180
IGHTS 102		М	20	1	31				32	20	1	М		LIGHTS 102
IGHTS 102		М	20	1	33				34	20	1	М		LIGHTS 102
IGHTS 102		М	20	1	35				36	20	1	М		LIGHTS 102
IGHTS 122-124-129-131		М	20	1	37				38	20	3	М		(UNLABELED)
R.C. COIL		М	20	1	39				40	-	-	М		
RECEPTACLES 120		М	20	1	41				42	-	-	Α		

3 EXISTING PANEL SCHEDULE - PANEL LP1-3L

E600N SCALE: NONE

VOLTS 120/208	3 V	Р	HASE	3	Ø		# WIRE	4	W					
	LOAD		BREA	KER	CKT		PHASE		CKT	BREA	KER		LOAD	
DESCRIPTION	(VA)	TY	AMP	Р	NO	Α	В	С	NO	AMP	Р	TY	(VA)	DESCRIPTION
R-121		L	15	1	31				40	15	1	R		R-121
R-121-120		L	15	1	32				41	15	1	R		R-112-121
R-121		L	15	1	33				42	20	1	R		R-113-114
R-113-114		L	15	1	34				43	20	3	R		SCRUB MASHINE
R-OUTSIDE AREA 101		L	15	1	35				44	-	1	R		
R-103 220V OUTLET		L	15	1	36				45	-	1	R		
(UNLABELED)		L	15	1	37				46	20	1	Α		SPARE
(UNLABELED)		L	20	1	38				47	20	1	R		CLERK
OUTSIDE		L	20	1	39				48	20	1	R		TEL
RECEPS		L	20	1	40				49	15	1	R		SPARE
XRAY					50									
	•									•				
BUS RATING	100	Α												

2 EXISTING PANEL SCHEDULE - PANEL LP1-1(R)
E600N SCALE: NONE

PANEL LP	1-3R														
VOLTS 120)/208 V	/	Р	HASE	3	Ø		# WIRE	4	W					
		LOAD		BREA	KER	CKT		PHASE		СКТ	BREA	KER		LOAD	
DESCRIPTION		(VA)	TY	AMP	Р	NO	Α	В	С	NO	AMP	Р	TY	(VA)	DESCRIPTION
(UNLABELED)			L	20	1	43				44	30	3	М		(UNLABELED)
(UNLABELED)			L	20	1	45				46	-	-	М		SCRUB MACHINE
RECEPTACLE 1101			Α	20	1	47				48	-	-	М		
(UNLABELED)			0	20	1	49				50	20	1	М		(UNLABELED)
RECEPTACLE 1103-106			0	20	1	51				52	20	1	М		(UNLABELED)
RECEPTACLE 1101			0	20	1	53				54	20	1	М		(UNLABELED)
LIGHTS 106E, F, G, H			0	20	1	55				56	20	1	М		(UNLABELED)
CONFERENCE ROOM 101	1		0	20	1	57				58	20	1	М		REG. DEEDS. MICRO - 132, 136, 139
RECEPTACLE 132, 133, 1	36, 137		0	20	1	59				60	20	1	М		RECEPTACLE 130, 134-136
GFI RECEPTACLE 104			R	20	1	61				62	20	1	М		RECEPTACLE 110, 133, 142
RECEPTACLE 133			М	20	1	63				64	20	1	М		RECEPTACLE 1101
RECEPTACLE 133			М	20	1	65				66	20	1	М		SPARE CIRCUIT 133
RECEPTACLE 1101			М	20	1	67				68	20	1	М		RECEPTACLE 115, 117, 120, 133
114, 115, 133			М	20	1	69				70	20	1	М		115, 118
118, 120			М	20	1	71				72	20	1	М		RECEPTACLE 141
102, 123, 133			М	20	1	73				74	20	1	М		RECEPTACLE 135
(UNLABELED)			М	20	1	75				76	20	1	М		RECEPTACLE 110
(UNLABELED)			М	20	1	77				78	20	1	М		(UNLABELED)
RECEPTACLE 1101			М	20	1	79				80	20	1	М		TREASURE ROOM RECEPTACLE
XEROX REG DEEDS			М	20	1	81				82	20	1	М		HALL DRYER
CONFERENCE ROOM 101	1		М	20	1	83				84	20	1	Α	<u>'</u>	(UNLABELED)
BUS RATING		225	Α												
			Α												

4 EXISTING PANEL SCHEDULE - PANEL LP1-3R
E600N SCALE: NONE

PANEL	LP5-1														
VOLTS	120/208	٧	Р	HASE	3	Ø		# WIRE	4	W					
		LOAD		BREA	KER	CKT		PHASE		CKT	BREA	KER		LOAD	
DESCRIPTION		(VA)	TY	AMP	Р	NO	Α	В	С	NO	AMP	Р	TY	(VA)	DESCRIPTION
(UNLABELED)			L	20	1	1				22	20	1	М		(UNLABELED)
(UNLABELED)			L	20	1	2				23	20	1	М		(UNLABELED)
(UNLABELED)			Α	20	1	3				24	20	1	М		(UNLABELED)
(UNLABELED)			0	20	1	4				25	20	1	М		(UNLABELED)
(UNLABELED)			0	20	1	5				26	20	1	М		(UNLABELED)
(UNLABELED)			0	20	1	6				27	20	1	М		(UNLABELED)
(UNLABELED)			0	20	2	7				28	20	1	М		(UNLABELED)
			0	-	-	8				29	20	1	М		(UNLABELED)
(UNLABELED)			0	20	1	9				30	20	1	М		(UNLABELED)
(UNLABELED)			R	20	1	10				31	20	1	М		(UNLABELED)
(UNLABELED)			М	20	1	11				32	20	1	М		(UNLABELED)
(UNLABELED)			М	20	1	12				33	20	1	М		(UNLABELED)
(UNLABELED)			М	20	1	13				34	20	1	М		(UNLABELED)
(UNLABELED)			М	20	1	14				35	20	1	М		(UNLABELED)
(UNLABELED)			М	20	1	15				36	20	2	М		(UNLABELED)
(UNLABELED)			М	20	1	16				37	-	-	М		
(UNLABELED)			М	20	1	17				38	20/20	1	М		(UNLABELED)
(UNLABELED)			М	20	2	18				39	30	2	М		(UNLABELED)
			М	-	-	19				40	-	-	М		
(UNLABELED)			М	15	2	20				41	20	2	М		(UNLABELED)
			М	-	-	21				42	-	-	Α		
BUS RATING		225	Α												
			Α												

5 EXISTING PANEL SCHEDULE - PANEL LP5-1

E600N SCALE: NONE

T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI

ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046 JDR PROJECT NO: 21.0191

REVISIONS:

PLAN REVIEW

SHEET RUMBER **E600N**

							LU	JMINAIF	RE SCHE	EDULE		
		NORMAL OPE		EMERG OPERA		LAMP		COLOR				
TAG	DESCRIPTION	LUMENS V	WATTS	LUMENS	WATTS	TYPE	VOLTAGE	TEMP (K)	C.R.I. (Min)	MANUFACTURER	MODEL #	NOTES
				0 lm	0 W	LED	120 V					
A2	2' LINEAR LIGHT FIXTURE - RECESSED	786 7 V	W	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP4-R-D-2-S-840-F-96LG-120-SC-FC10%-FE-SW-VRF	
A2E	2' LINEAR LIGHT FIXTURE - RECESSED	786 7 V	W	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP4-R-D-2-S-840-F-96LG-120-SC-FC10%-FE-SW-VRF	1
A4	4' LINEAR LIGHT FIXTURE - RECESSED	1,572 14	W	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP4-R-D-4-S-840-F-96LG-120-SC-FC10%-FE-SW-VRF	
A4E	4' LINEAR LIGHT FIXTURE - RECESSED	1,572 14	W	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP4-R-D-4-S-840-F-96LG-120-SC-FC10%-FE-SW-VRF	1
AD	2x2 LIGHT FIXTURE - RECESSED	4,000 31	W	0 lm	0 W	LED	120 V	4,000	90	GE CURRENT	LVT-22-B-0-40-MM-T40-LU-LT-WHITE	
ADE	2x2 LIGHT FIXTURE - RECESSED	4,000 31	W	0 lm	0 W	LED	120 V	4,000	90	GE CURRENT	LVT-22-B-0-40-MM-T40-LU-LT-WHITE	1
C4E	LINEAR LIGHT FIXTURE - PENDANT	4,995 43	s W	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP4-P-ID-4-S-S-840-WSOTG-F-96LG-120-DC-FC-10%-FA50-FE-SW-VRF	1
C6	LINEAR LIGHT FIXTURE - PENDANT	4,995 43	s W	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP4-P-ID-6-S-S-840-WSOTG-F-96LG-120-DC-FC-10%-FA50-FE-SW-VRF	
C6E	LINEAR LIGHT FIXTURE - PENDANT	4,995 43	s W	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP4-P-ID-6-S-S-840-WSOTG-F-96LG-120-DC-FC-10%-FA50-FE-SW-VRF	1
C8	LINEAR LIGHT FIXTURE - PENDANT	6,661 57	'W	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP4-P-ID-8-S-S-840-WSOTG-F-96LG-120-DC-FC-10%-FA50-FE-SW-VRF	
C8E	LINEAR LIGHT FIXTURE - PENDANT	6,661 57	'W	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP4-P-ID-8-S-S-840-WSOTG-F-96LG-120-DC-FC-10%-FA50-FE-SW-VRF	1
D4	PENDANT DIRECT/INDIRECT LED CIRCLE FIXTURE 4' DIAMETER	10,050 42	2 W	0 lm	0 W	LED	120 V	4,000	80	FORUM	ARCUD-44-46LED40/46LED40-CFA/WOL-C48-CIR-#-UNV-WH-D10V-LVR	
D4E	PENDANT DIRECT/INDIRECT LED CIRCLE FIXTURE 4' DIAMETER	10,050 42	? W	0 lm	0 W	LED	120 V	4,000	80	FORUM	ARCUD-44-46LED40/46LED40-CFA/WOL-C48-CIR-#-UNV-WH-D10V-LVR	1
D6	PENDANT DIRECT/INDIRECT LED CIRCLE FIXTURE 6' DIAMETER	15,080 63	3 W	0 lm	0 W	LED	120 V	4,000	80	FORUM	ARCUD-44-46LED40/46LED40-CFA/WOL-C48-CIR-#-UNV-WH-D10V-LVR	
DB	DOWNLIGHT FIXTURE - RECESSED	2,000 23	s W	0 lm	0 W	LED	120 V	4,000	80	INTENSE LIGHTING	SS6G4DR-L3-408-IC630-HZ-SF-LUT-DFCSJ-OEM-RF	
DBE	DOWNLIGHT FIXTURE - RECESSED	2,000 23	s W	0 lm	0 W	LED	120 V	4,000	80	INTENSE LIGHTING	SS6G4DR-L3-408-IC630-HZ-SF-LUT-DFCSJ-OEM-RF	1
E1	EXIT SIGN - CEILING MOUNTED	0 3 V	W	0 lm	0 W	LED	120 V	0	0	CHLORIDE	44RLU1RM SERIES	1, 2
G	COVE FIXTURE 40" SECTION	481 13	3 W	0 lm	0 W	LED	120 V	0	0	COLORKINETICS	523-000027-98	3, 4
Н	LINEAR LIGHT FIXTURE - RECESSED	326/FT 6.8	8W/FT	0 lm	0 W	LED	120 V	4,000	80	FINELITE	HP-2 R-D-XX-S-840-96LG-120-SC-LUT-ES1-FE-DFCSJ-OEM-RF	3
UA	20" UNDER CABINET LUMINAIRE	417 5 V	W	0 lm	0 W	LED	120 V	4,000	97	COLORKINETICS	523-000027-97	4

GENERAL NOTES:

ALL FIXTURES WITH THE SUFFIX "E" ARE INTENDED TO BE EMERGENCY FIXTURES.

1. CONNECT ANY/ALL NEW EMERGENCY & EXIT LIGHTING SHOWN (SHADED) TO EXISTING EMERGENCY LIGHTING CIRCUIT(S) ON THE FLOOR, FED FROM PANEL EMRG-3 ON THE GROUND FLOOR AND EM4-3 ON THE 4TH FLOOR.

- 2. REFER TO PLANS FOR NUMBER OF FACES, MOUNTING, ETC.
- 3. REFER TO PLANS FOR OVERALL FIXTURE LENGTH.
- 4. PROVIDE LUTRON VIVE COMPATIBLE DRIVER AND WIRELESS CONTROLLER.

									<u> </u>	OTION	00115		
					EL	ECI	RICA	VL C	ONNE	CHON	SCHE	EDULE	
		L	OCATION			LOAD			CIRCUIT	ING INFOR	MATION		
									OCP		CIRCUIT		
TAG	DESCRIPTION	NO	NAME	kVA	F.L.A.	M.C.A.	VOLT	PH	(Amps)	PANEL	#	NOTES	FOOT NOTES
D-1	CONTROL DAMPER	GR24	MECHANICAL	0	0	0	120	1	20			PROVIDE 120V/1P CONNECTION FROM LOCAL PANEL TO CONTROL DAMPER. COORDINATE ALL REQUIREMENTS WITH H.C.	
D-2	CONTROL DAMPER	432	MECHANICAL	0	1	1	120	1	20			PROVIDE 120V/1P CONNECTION FROM LOCAL PANEL TO CONTROL DAMPER. COORDINATE ALL REQUIREMENTS WITH H.C.	
DO	PUSHBUTTON DOOR OPENER	-	SEE PLANS	0	2	3	120	1	20			COORDINATE ALL REQUIREMENTS WITH ARCHITECT AND OWNER.	
DR-1	DATA RACK RECEPTACLE	SIT03	IT CLOSET	0	0	0	120	1	20	LP1-1L	38	PROVIDE SURFACE MOUNTED RACEWAY MOUNTED TO LADDER RACK. COORIDINATE ALL REQUIREMENTS WITH LOW VOLTAGE CONTRACTOR AND OWNER.	
DSCU-1	DUCTLESS SPLIT AIR CONDITIONER	SIT03	IT CLOSET	2	9	11	208	1	15	LP1-1L	40,42	COORIDATE WITH HVAC CONTRACTOR FOR EXACT LOCATION.	
DSE-1	SPLIT SYSTEM UNIT	SIT03	IT CLOSET	0	0	0	208	1	20	LP1-1L	40,42	POWERED FROM CONDENSING UNIT. E.C. TO WIRE BETWEEN UNITS.	
S-1	HOT WATER DISPENSER		BREAKROOM	1	11	14	120	1	20			PROVIDE GFCI PROTECTED RECEPTACLE AT UNIT.	
SEC-1	SECURITY CONNECTION	SIT03	IT CLOSET	0	0	0	120	1	20	LP1-1R	51	CORRIDNATE ALL REQUIREMENTS WITH LOW VOLTAGE CONTRACTOR.	
TCP-1	TEMPERATURE CONTROL PANEL	SIT03	IT CLOSET	0	0	0	120	1	20	LP1-1R	43	COORDINATE WITH HVAC CONTRACTOR FOR EXACT LOCATION	

ABBREVIATIONS: EC ELECTRICAL CONTRACTOR GC GENERAL CONTRACTOR
MC MECHANICAL CONTRACTOR

GENERAL NOTES: ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS

WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE.

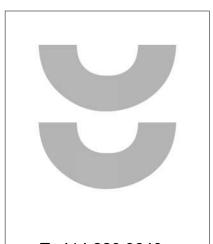
MF MANUFACTURER TC TEMPERATURE CONTROL

OT OTHER CONTRACTOR
OWN OWNER
F.V. FIELD VERIFY

						MC	TOR	CO	NNE	CTIC	ON SCI	HEDUL	LE	
			LOCATION			LO	AD				CIRCUITIN NFORMAT			
										OCP		CIRCUIT		FOOT
TAG	Description	NO	NAME	HP	kVA	F.L.A.	M.C.A.	VOLT	PH	(Amps)	PANEL	#	NOTES	NOTES
EF-1	EXHAUST FAN	SBR01	BREAKROOM	0	0	1	1	120	1	15	LP1-1R	45	PROVIDE MOTOR RATED DISCONNECT AT UNIT.	
GD-1	GARBAGE DISPOSAL	SBR01	BREAKROOM	1	2	16	20	120	1	35	LP1-1R	49	PROVIDE GFCI PROTECTED RECEPTACLE AT UNIT.	
GD-1	GARBAGE DISPOSAL	SBR05	BREAKROOM	1	2	16	20	120	1	35	LP5-1	27	PROVIDE GFCI PROTECTED RECEPTACLE AT UNIT.	
TF-1	TRANSFER FAN	A08	PRIVACY	0	0	1	1	120	1	15	LP1-1L	36	PROVIDE MOTOR RATED DISCONNECT AT UNIT.	

ABBREVIATIONS: **GENERAL NOTES:** FOOT NOTES: ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS
 WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE. EC ELECTRICAL CONTRACTOR GC GENERAL CONTRACTOR MC MECHANICAL CONTRACTOR MF MANUFACTURER TC TEMPERATURE CONTROL
OT OTHER CONTRACTOR
OWN OWNER

			LIGH	HTING & RECEPTACLE CONTROLS SCHEDULE
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL#	NOTES
DL	DAYLIGHT SENSOR	LUTRON	VIVE HJS-2-FM	CONNECT DEVICE TO NEW LUTRON VIVE SYSTEM AND PROGRAM TO MEET OWNER AND LEED REQUIREMENTS.
-6	WIRELESS 2-BUTTON SWITCH	LUTRON	PJ2-2B-GWH-L01	CONNECT DEVICE TO NEW LUTRON VIVE SYSTEM AND PROGRAM TO MEET OWNER AND LEED REQUIREMENTS.
(DL)	WIRELESS DAYLIGHT SENSOR	LUTRON	LRF2-DCRB-WH	CONNECT DEVICE TO NEW LUTRON VIVE SYSTEM AND PROGRAM TO MEET OWNER AND LEED REQUIREMENTS.
НТР	WIRELESS DIGITAL TOUCH PAD LIGHTING CONTROL	EXTRON	TLP PRO 725M	CONNECT DEVICE TO NEW LUTRON VIVE SYSTEM AND PROGRAM TO MEET OWNER AND LEED REQUIREMENTS.
-	WIRELESS DIMMER SWITCH	LUTRON	UPJ2-2BRL-GWH-L01	CONNECT DEVICE TO NEW LUTRON VIVE SYSTEM AND PROGRAM TO MEET OWNER AND LEED REQUIREMENTS.
HUB	WIRELESS HUB	LUTRON	VIVE HJS-2-FM	CONNECT DEVICE TO NEW LUTRON VIVE SYSTEM AND PROGRAM TO MEET OWNER AND LEED REQUIREMENTS.
	WIRELESS OCCUPANCY CONTROLLED RECEPTACLE	LUTRON	CAR2S-20-DTR-WH	CONNECT DEVICE TO NEW LUTRON VIVE SYSTEM AND PROGRAM TO MEET OWNER AND LEED REQUIREMENTS.
OS	WIRELESS OCCUPANCY SENSOR - CEILING MOUNTED	LUTRON	LRF2-OCR2B-P-WH	CONNECT DEVICE TO NEW LUTRON VIVE SYSTEM AND PROGRAM TO MEET OWNER AND LEED REQUIREMENTS.
Hos	WIRELESS OCCUPANCY SENSOR - WALL MOUNTED	LUTRON	MRF2S-8SD010-WH	CONNECT DEVICE TO NEW LUTRON VIVE SYSTEM AND PROGRAM TO MEET OWNER AND LEED REQUIREMENTS.



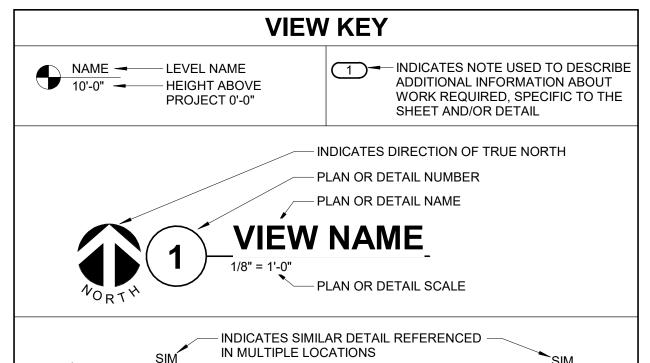
T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

ENGINEERING, INC. 5525 NOBEL DRIVE SUITE 110 MADISON, WI 53711 PH: 608.277.1728 FAX: 608.271.7046

JDR PROJECT NO: 21.0191

PHASE 2 CCB CITY OFFICE REMODELS, FIFTH FLOORS

REVISIONS:



DETAIL REFERRED TO BY SECTION CUT $-\!-\!$ — SHEET DETAIL IS LOCATED ON ——— T101

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE) ---- NEW

----- EXISTING TO BE REMOVED (SHORT DASHED PATTERN) — — NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN) EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE) EXISTING

---- EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)

— — EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE.

'TAG'-E TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

ABBR:	DESCRIPTION:
A.V.C.	AUDIO/VISUAL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
G.C.	GENERAL CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR

S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
	TECHNOLOGY ABBREVIATION KEY
ABBR:	DESCRIPTION:
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFC	BELOW FINISHED CEILING
С	CONDUIT
DE	DELAYED EGRESS
DPDT	DOUBLE POLE DOUBLE THROW
FOV	FIELD OF VIEW
J-BOX	JUNCTION BOX
POE	POWER OVER ETHERNET
PTZ	PAN TILT ZOOM
SIM	SIMILAR
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
+#	MOUNTING HEIGHT ABOVE FINISHED FLOOR
EF-#	ENTRANCE FACILITY
MC-#	MAIN CROSS-CONNECT
TR-#	TELECOMMUNICATIONS ROOM

	IECH	INOLOGY SYMBOL LIST	
SYMBOL:	EQUIPMENT LIST ABBREV.:	DESCRIPTION:	NOTE:
CSS	N/A	CONTROLLED SECURITY SCHEME SCHEDULE IDENTIFIER	2.
CR1	AC-CR1-W	SECURITY CREDENTIAL READER (WALL) TYPE 1	2.
CR2	AC-CR2-W	SECURITY CREDENTIAL READER (WALL) TYPE 2	2.
RPB	AC-RPB-W	SECURITY REQUEST TO EXIT PUSH BUTTON (WALL)	
⑤ <u>≤M#</u>	SM-SM#-C	SOUND MASKING SPEAKER (CEILING)	
C# ▼	SC-IO-W	INFORMATION OUTLET (WALL)	1.
∇	N/A	INFORMATION OUTLET (WALL) EXISTING	
RI ▼	SC-RI-W	INFORMATION OUTLET ROUGH-IN (WALL)	
©C#	SC-IO-C	INFORMATION OUTLET (CEILING)	1.
\bigcirc	N/A	INFORMATION OUTLET (CEILING) EXISTING	
C M-#	VS-CM-#	VIDEO SURVEILLANCE CAMERA 180° FOV (CEILING/HORIZONTAL SURFACE)	3.
IM1	IC-IM1-W	INTERCOM MASTER STATION (WALL) TYPE 1	
IS1	IC-IS1-W	INTERCOM STATION (WALL) TYPE 1	
IS2	IC-IS2-W	INTERCOM STATION (WALL) TYPE 2	
A	<u>AV-ANT-W</u>	AV ANTENNA (WALL)	
M	AV-MP1-C/S	AV MICROPHONE (CEILING/SURFACE)	
S SP#	AV-SP#-C	AV PERFORMANCE SPEAKER (CEILING)	
©_CAM-#	AV-CAM-#	AV CAMERA (WALL)	
⟨ T⟩	AV-TP1-S	AV TOUCH PANEL (SURFACE)	
◆ <u>###</u>	<u>AV-###-W</u>	AV WALLPLATE/BACKBOX (WALL)	
WIDTH X	K HEIGHT	CABLE TRAY, CHANNEL TRAY, BASKET TRAY	

LADDER RACK

CONDUIT DOWN

CONDUIT SLEEVE

CONTINUATION

CONDUIT UP OR UP/DOWN

GENERAL NOTES:

ALL SYMBOLS AND ABBREVIATIONS LISTED MAY NOT BE APPLICABLE TO THIS PROJECT.

THE SHEET INDEX. REFER TO THE GENERAL TECHNOLOGY NOTES FOR ADDITIONAL

KEY FOR NEW, EXISTING TO REMAIN AND TO BE REMOVED ITEMS FOR ADDITIONAL

"C#" INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION. REFER TO

ADDITIONAL INFORMATION. REFER TO 3/T400N FOR ROUGH-IN REQUIREMENTS.

REFER TO CONTROLLED SECURITY SCHEME (CSS) TYPE SCHEDULE ON T600N FOR

"CM-#" ON FLOOR PLANS INDICATES CAMERA TYPE AND IS ASSOCIATED WITH THE

INFORMATION OUTLET SCHEDULE ON T600N FOR ADDITIONAL INFORMATION.

CORRESPONDING "VS-CM-#" EQUIPMENT SCHEDULE ABBREVIATION.

REFER TO RISERS ON SHEET(S): T500N, T501N.

REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE FOR MORE COMPLETE DESCRIPTION

ALL SYMBOLS AND ABBREVIATIONS REFER TO TECHNOLOGY SHEETS ONLY AS DEFINED ON

ALL SYMBOLS LISTED ABOVE ARE FOR REFERENCE ONLY. REFER TO PLANS AND LINE TYPE

TECHNOLOGY SYMBOL NOTES:

CONDUIT

SUGGESTED MA	ATRIX OF	RESPO	NSIBILIT	Υ
ITEM:	SHOWN ON:	FURNISHED BY:	INSTALLED BY:	NOTES:
TECHNOLOGY ROUGH-IN, REFER TO TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR DEFINITION	T-SERIES	E.C.	E.C.	3. 4.
NFORMATION OUTLET FACEPLATES, JACKS, AND TERMINATIONS	T-SERIES	T.C.	T.C.	
CONDUIT SLEEVES (WHEN SHOWN ON DRAWINGS)	T-SERIES	E.C.	E.C.	
CONDUIT SLEEVES (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	T.C.	T.C.	2. 4.
FELECOMMUNICATION SYSTEMS ROUGH-IN	T-SERIES	E.C.	E.C.	1.
TELECOMMUNICATION EQUIPMENT, CABLING, AND TERMINATIONS	T-SERIES	T.C.	T.C.	
CABLE TRAY (INCLUDING WIRE BASKET FRAY) REFER TO SPECIFICATION SECTION 27 05 28 FOR DEFINITION	T-SERIES	E.C.	E.C.	
ADDER RACK	T-SERIES	T.C.	T.C.	5.
GROUNDING LUGS ON TECHNOLOGY EQUIPMENT	T-SERIES	T.C.	E.C.	6.
BONDING SYSTEM FOR TECHNOLOGY SYSTEM, REFER TO SPECIFICATION SECTION 27 05 26 FOR DEFINITION	T-SERIES	E.C.	E.C.	7. 8.
CONNECTION OF TECHNOLOGY BONDING SYSTEM TO THE ELECTRICAL GROUND SYSTEM	T-SERIES	E.C.	E.C.	
INE VOLTAGE POWER (+120V OR GREATER)	E-SERIES	E.C.	E.C.	
INE VOLTAGE POWER (NOT SHOWN BUT REQUIRED FOR PROPER NSTALLATION OF SYSTEM)	N/A	T.C.	E.C.	2. 4.
INE VOLTAGE POWER FOR DOOR HARDWARE POWER SUPPLIES	ARCH SPEC	E.C.	E.C.	
LOW VOLTAGE CABLING FOR FECHNOLOGY SYSTEMS	T-SERIES	T.C.	T.C.	
CABLE HANGERS AND SUPPORTS OR OTHER CABLE ROUTING METHODS OTHER THAN CONDUIT AND CABLE (RAY)	T-SERIES	T.C.	T.C.	5.
IIVAI)				

- INCLUDES BACKBOXES AND CONDUIT REQUIRED FOR THE TECHNOLOGY SYSTEMS INSTALLATION. THE E.C. SHALL BASE THE BID ON THE BASIS OF DESIGN SHOWN ON THE
- CONTRACT DOCUMENTS. ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS, AND POWER REQUIRED BECAUSE OF THE T.C.'S SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER OR FROM SYSTEM
- CONFIGURATIONS THAT ARE LEFT TO THE CHOICE OF THE CONTRACTOR SHALL BE INCLUDED IN THE T.C.'S BID. THIS BID SHALL INCLUDE INSTALLATION BY A LICENSED ELECTRICIAN. UNLESS TRADE RULES DICTATE OTHERWISE.
- FURNISHED AS PART OF THE EQUIPMENT WHEN POSSIBLE, OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD.
- INCLUDES ALL CONDUCTORS, GROUND BARS, AND TERMINATIONS FOR THE COMPLETE BONDING SYSTEM REQUIRED BY THE SPECIFICATIONS.
- REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS AND SWITCHBOARDS SHOWN IN THE TECHNOLOGY BONDING RISER DIAGRAM AND TYPICAL TELECOM ROOM BONDING FLOW

ITEM:	SHOWN ON:	FURNISHED BY:	INSTALLED BY:	NOTES:
CHNOLOGY ROUGH-IN, REFER TO CHNOLOGY EQUIPMENT SCHEDULE ID SPECIFICATIONS FOR DEFINITION	T-SERIES	E.C.	E.C.	3. 4.
FORMATION OUTLET FACEPLATES, CKS, AND TERMINATIONS	T-SERIES	T.C.	T.C.	
NDUIT SLEEVES (WHEN SHOWN ON AWINGS)	T-SERIES	E.C.	E.C.	
ONDUIT SLEEVES (NOT SHOWN BUT EQUIRED FOR PROPER INSTALLATION SYSTEM)	N/A	T.C.	T.C.	2. 4.
LECOMMUNICATION SYSTEMS DUGH-IN	T-SERIES	E.C.	E.C.	1.
LECOMMUNICATION EQUIPMENT, BLING, AND TERMINATIONS	T-SERIES	T.C.	T.C.	
BLE TRAY (INCLUDING WIRE BASKET AY) REFER TO SPECIFICATION CTION 27 05 28 FOR DEFINITION	T-SERIES	E.C.	E.C.	
DDER RACK	T-SERIES	T.C.	T.C.	5.
ROUNDING LUGS ON TECHNOLOGY DUIPMENT	T-SERIES	T.C.	E.C.	6.
NDING SYSTEM FOR TECHNOLOGY STEM, REFER TO SPECIFICATION CTION 27 05 26 FOR DEFINITION	T-SERIES	E.C.	E.C.	7. 8.
NNECTION OF TECHNOLOGY NDING SYSTEM TO THE ELECTRICAL OUND SYSTEM	T-SERIES	E.C.	E.C.	
IE VOLTAGE POWER (+120V OR REATER)	E-SERIES	E.C.	E.C.	
IE VOLTAGE POWER (NOT SHOWN IT REQUIRED FOR PROPER STALLATION OF SYSTEM)	N/A	T.C.	E.C.	2. 4.
IE VOLTAGE POWER FOR DOOR RDWARE POWER SUPPLIES	ARCH SPEC	E.C.	E.C.	
W VOLTAGE CABLING FOR CHNOLOGY SYSTEMS	T-SERIES	T.C.	T.C.	
BLE HANGERS AND SUPPORTS OR HER CABLE ROUTING METHODS THER THAN CONDUIT AND CABLE AY)	T-SERIES	T.C.	T.C.	5.
OOR BOX (ROUGH-IN)	T & E SERIES	E.C.	E.C.	

TELECOM ROOM REFERENCES DETAIL / SHEET REFERENCE ARCH ROOM NUMBER TELECOM ROOM REFERENCE 1/T300N T204N **TECHNOLOGY SHEET INDEX** TECHNOLOGY COVERSHEET

TECHNOLOGY GENERAL NOTES:

TECHNOLOGY INSTALLATION NOTES:

1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR

2. CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, IN FLOOR SLAB, ETC.

ACCESSIBLE DESIGN. REFER TO THE ADA GUIDELINES FOR ALL CONFIGURATION DETAILS

UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON

3. BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY. BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE

ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING

THE ACTUAL TELECOMMUNICATIONS INSTALLATION, ADJUST OUTLETS OR CONNECTION

ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF TELECOMMUNICATION

DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN

OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE

7. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL

8. THE TECHNOLOGY CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF

9. ALL LADDER RACK AND CABLE TRAY SIZES ARE AS DEFINED ON THE DRAWINGS. REFER TO SPECIFICATION SECTIONS 27 05 28 AND 27 11 00 FOR APPROVED MANUFACTURERS AND

10. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE

11. FLUSH MOUNT ALL TELECOMMUNICATION OUTLETS AT +18" FROM FLOOR (CENTERLINE

12. MOUNT BACKBOXES FLUSH WITH WALL. ALL BACKBOX HEIGHTS ARE TO CENTERLINE

13. PROVIDE RACEWAY AND BOXES LISTED FOR THE INSTALLED ENVIRONMENT. SEAL

DIMENSION), EXCEPT WHERE OTHERWISE NOTED. OUTLETS MAY BE SURFACE MOUNTED

RACEWAY AND BOX FROM WATER AND MOISTURE AT TRANSITION BETWEEN DIFFERENT

ENVIRONMENTAL CONDITIONS SUCH AS INTERIOR/EXTERIOR, TEMPERATURE CHANGES,

BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO DIVISION 7 FOR ADDITIONAL INFORMATION

THE CEILINGS, CEILING TILES, AND CEILING GRID ASSOCIATED WITH THE AREAS OF WORK

EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR

OFFSET A MINIMUM OF 24" HORIZONTALLY. "THRU-THE-WALL" BOXES SHALL NOT BE

ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.

4. VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH

5. TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO

6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL

LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.

1. ##-###-# INDICATES TECHNOLOGY EQUIPMENT SCHEDULE ITEM LABELED AS "EQUIPMENT

2. REFER TO TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR FULL

MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH

DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES.

MOUNT ORIENTED HORIZONTALLY

MOUNT IN MODULAR FURNITURE

A SLASH IS USED BETWEEN TWO SUBSCRIPTS, E.G., A/H.

ON THIS PAGE FOR ADDITIONAL INFORMATION.

ADVANCE BY THE OTHER CONTRACTOR.

AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.

MOUNT IN SURFACE RACEWAY

LIST ABBREVIATION"

BUILDING STRUCTURE.

SEALED INTO OPENINGS.

BY ALL CONTRACTORS.

RATING, AND FINISH.

INSTALLATION REQUIREMENTS.

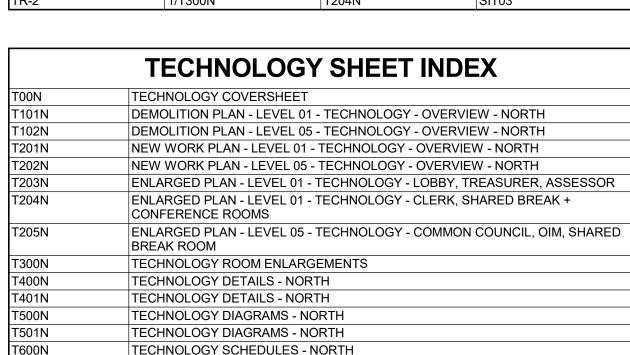
WHEN CONDUIT IS SPECIFIED EXPOSED.

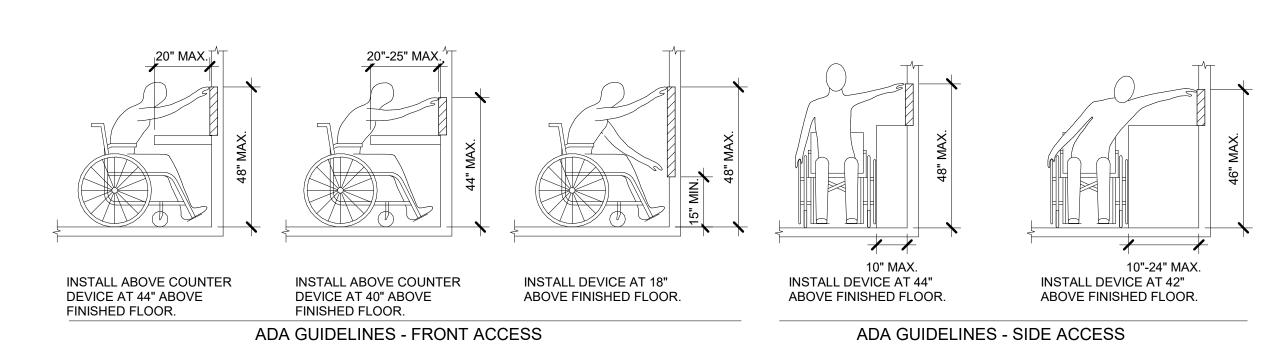
DIMENSION, UNLESS OTHERWISE NOTED.

TECHNOLOGY MOUNTING SUBSCRIPT KEY:

MOUNT IN CASEWORK

AV FUNCTIONAL DIAGRAM KEY EQUIPMENT TAG ~ ~AV-***-### — OUTPUT INPUT -CONNECTION CONNECTION HDMI (HDCP 2.X) HDMI (HDCP 2.X) HDMI (HDCP 2.X) USB TYPE-A (2.0) INFRARED T.B. (IR) USB TYPE-A (2.0) SERIAL T.B. (RS-232) RJ-45 (ETHERNET) RJ-45 (HDBASET) 24VDC @ 1.0A SIGNAL CONNECTION ON SIGNAL CONNECTION ON SAME SHEET - INPUT SAME SHEET - OUTPUT 1/T000 0000 SIGNAL CONNECTION ON DIFFERENT SHEET - OUTPUT SIGNAL CONNECTION ON DIFFERENT SHEET - INPUT

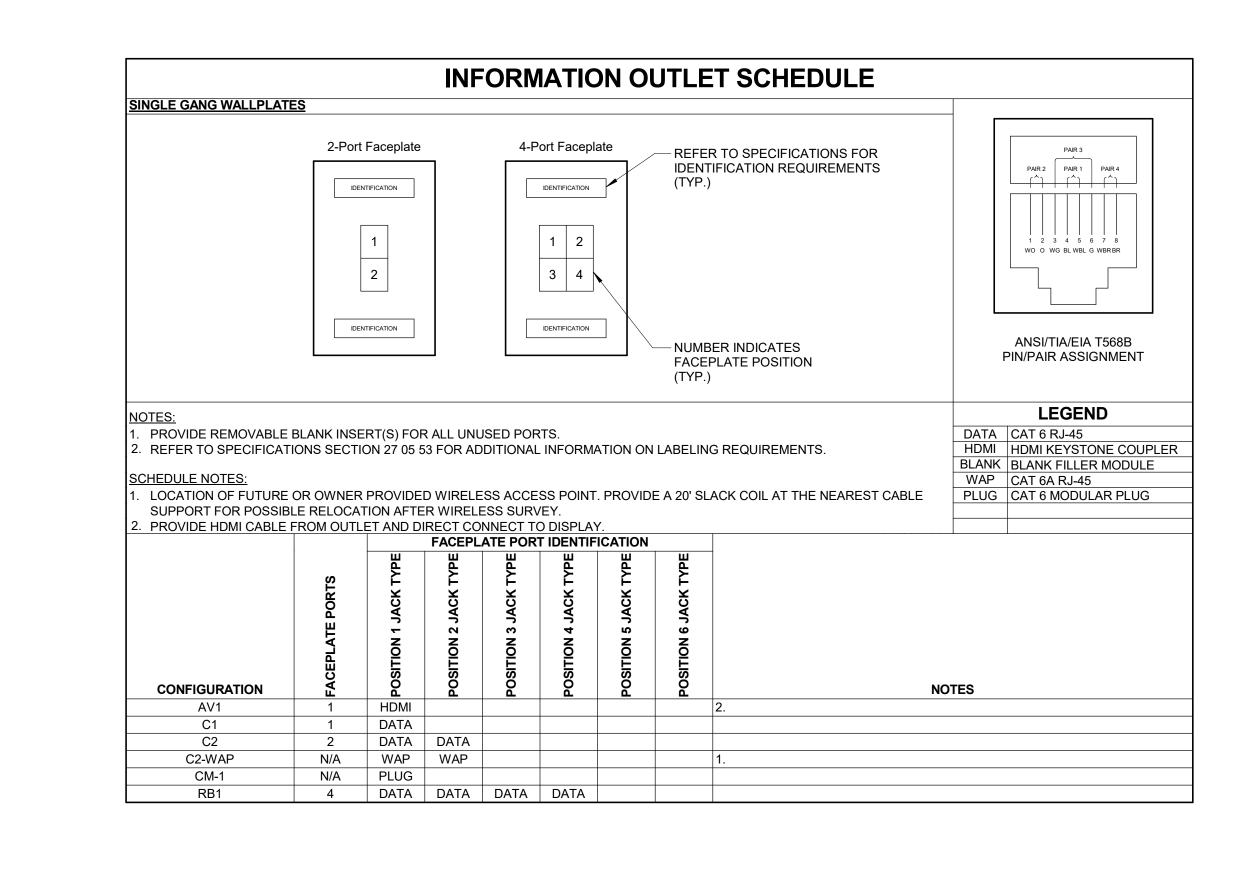




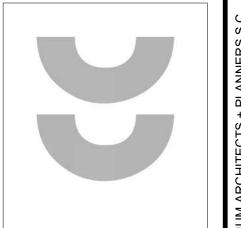
WIDTH X HEIGHT

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GRAND TOTAL: 14



T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202

CONSULTANTS:

MIDDLETON, WI 53562 P: 608.223.9600 F: 608.223.9601

REVISIONS: SCALE PROJECT NUMBER **PLAN REVIEW** 12/22/2022 ISSUED

SHEET NUMBER

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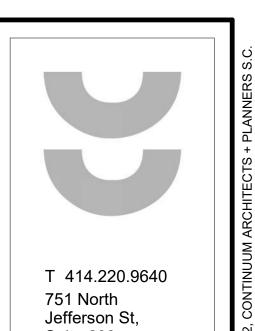
ب ٧



1. REMOVE ALL CABLING BACK TO ITS SOURCE.
EXISTING TR LOCATIONS INDICATED ON FLOOR
PLANS. VERIFICATION OF COMPLETE CABLE
DEMOLITION IS REQUIRED PRIOR TO NEW
WORK.

KEYNOTES: #

SALVAGE CAMERA FOR REINSTALLATION.
 REFER TO T203 AND T204 FOR NEW LOCATION.
 EXISTING ROUGH-IN TO REMAIN FOR CABLING PATHWAY TO NEW OPEN OFFICE FURNITURE.
 PROVIDE BLANK COVERPLATE FOR UNUSED PATHWAYS.



Suite 200
Milwaukee, WI
53202

CONSULTANTS:





SCALE VARIES

PROJECT 210101

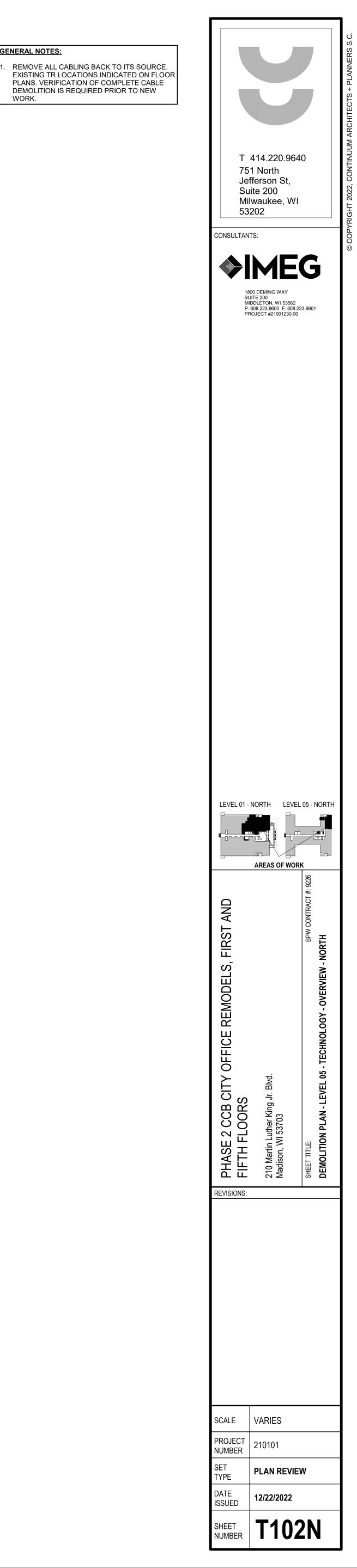
PROJECT 210101

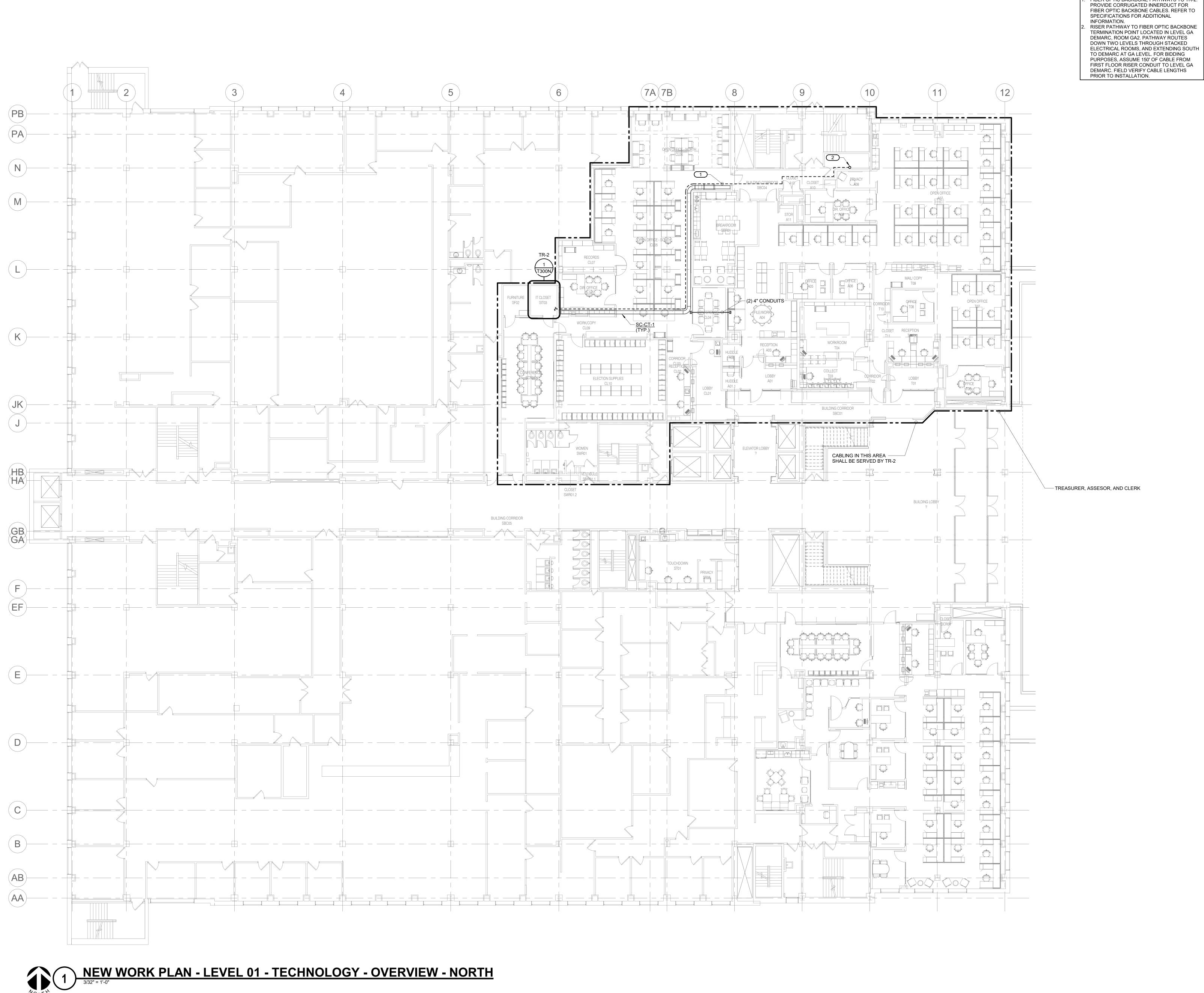
SET PLAN REVI

DATE ISSUED 12/22/2022

SHEET T101N

DEMOLITION PLAN - LEVEL 01 - TECHNOLOGY - OVERVIEW - NORTH





T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202 CONSULTANTS: 1800 DEMING WAY SUITE 200 MIDDLETON, WI 53562 P: 608.223.9600 F: 608.223.9601 PROJECT #21001230.00 AREAS OF WORK

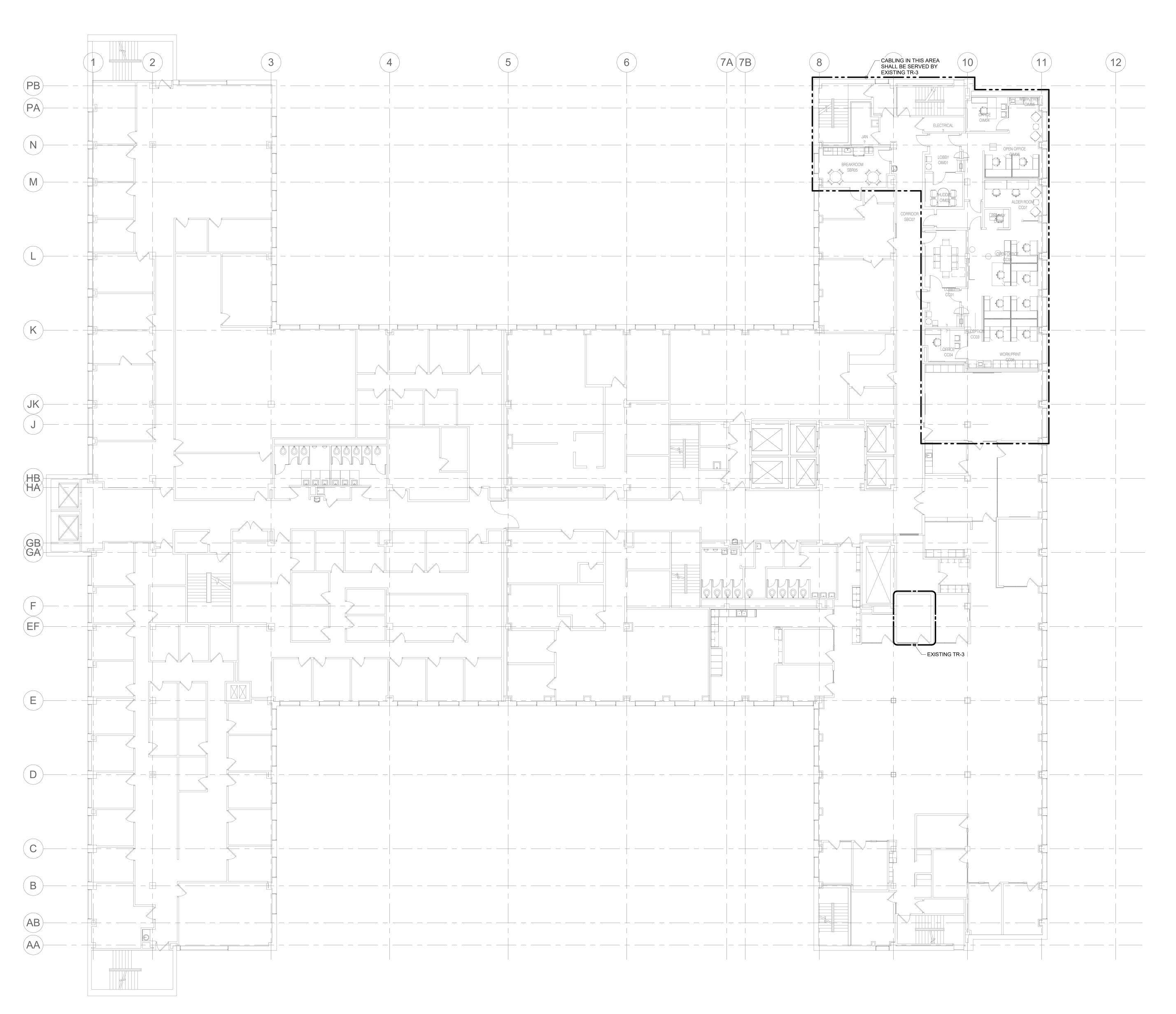
KEYNOTES: #

FIBER OPTIC BACKBONE PATHWAYS TO TR-2.

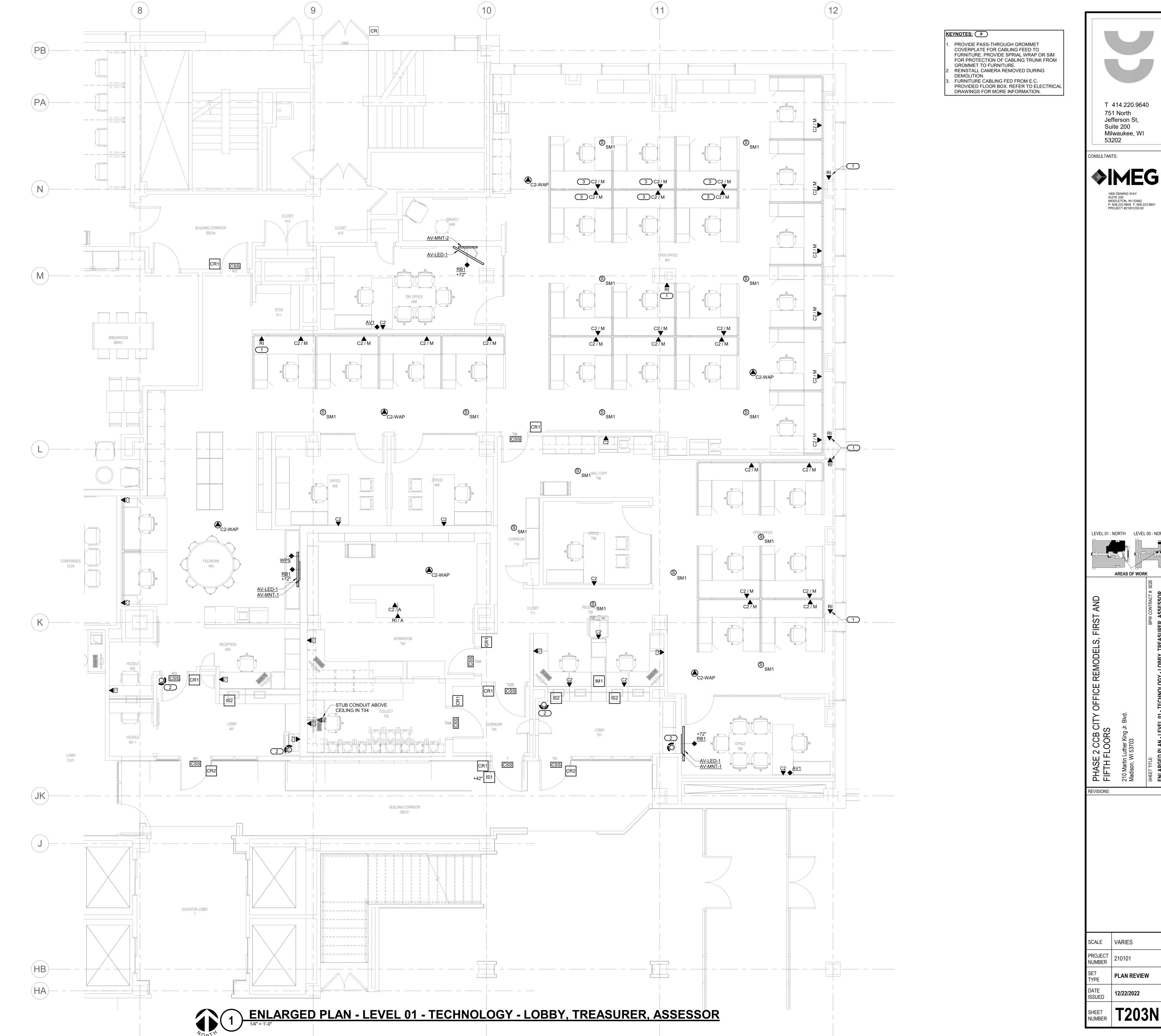
SCALE PROJECT NUMBER

PLAN REVIEW

DATE ISSUED T201N SHEET NUMBER

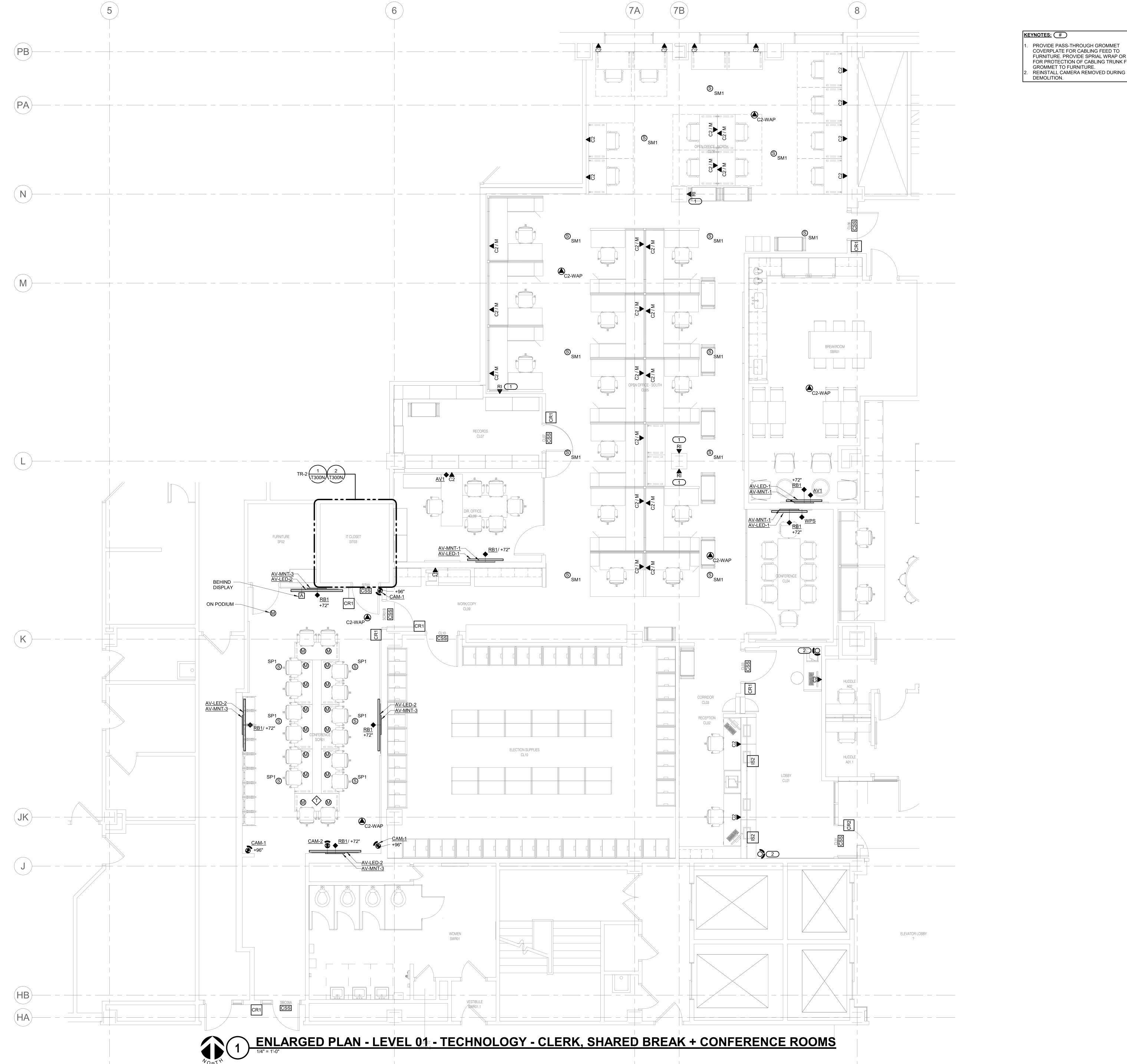


T 414.220.9640 751 North Jefferson St, Suite 200 Milwaukee, WI 53202 1800 DEMING WAY SUITE 200 MIDDLETON, WI 53562 P: 608.223.9600 F: 608.223.9601 PROJECT #21001230.00 PROJECT NUMBER PLAN REVIEW DATE ISSUED SHEET NUMBER T202N

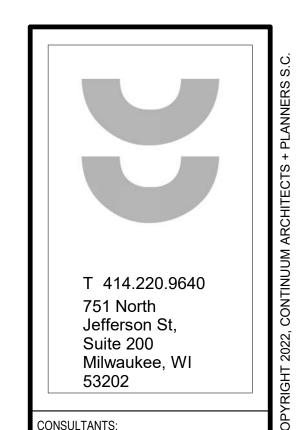


T 414.220.9640

Milwaukee, WI



1. PROVIDE PASS-THROUGH GROMMET
COVERPLATE FOR CABLING FEED TO
FURNITURE. PROVIDE SPRIAL WRAP OR SIM
FOR PROTECTION OF CABLING TRUNK FROM
GROMMET TO FURNITURE.
2. REINSTALL CAMERA REMOVED DURING
DEMOLITION.



1800 DEMING WAY SUITE 200 MIDDLETON, WI 53562 P: 608.223.9600 F: 608.223.9601 PROJECT #21001230.00

PROJECT NUMBER

PLAN REVIEW

SHEET T204N

KEYNOTES: #

1. PROVIDE PASS-THROUGH GROMMET COVERPLATE FOR CABLING FEED TO FURNITURE.



1800 DEMING WAY
SUITE 200
MIDDLETON, WI 53562
P: 608.223.9600 F: 608.223.9601
PROJECT #21001230.00

IFTH FLOORS

O Martin Luther King Jr. Blvd.

adison, WI 53703

BPW CONTRACT #: 9226

IFTH FLOORS

AND AND IEVEL OF TECHNOLOGY COMMON COLINGING ON SHARED

SCALE VARIES

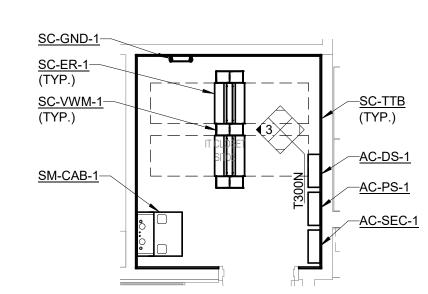
SCALE VARIES

PROJECT 210101

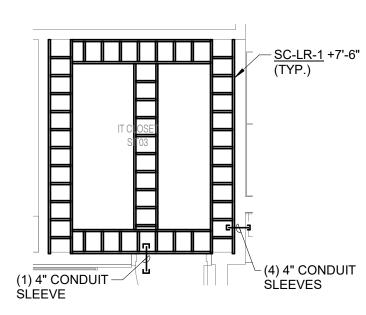
NUMBER

PLAN REVIE

SHEET NUMBER T205N

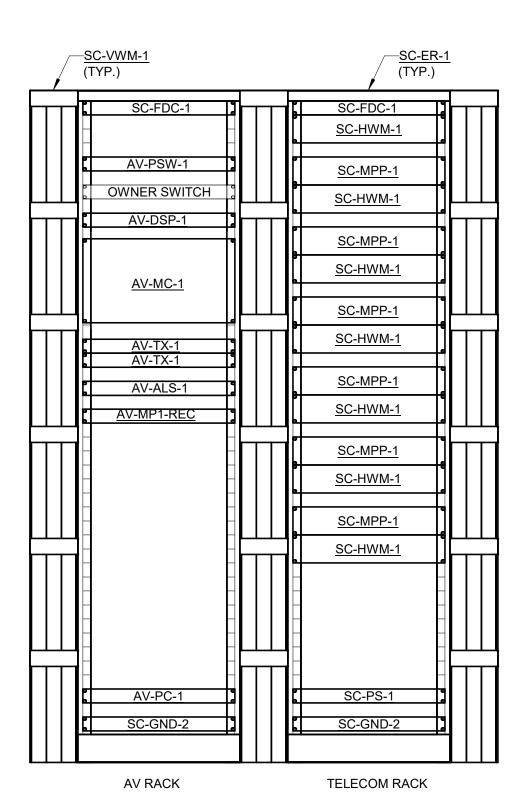








1. REFER TO 3/T401N AND 4/T401N FOR <u>SC-LR-1</u> INSTALLATION DETAILS.



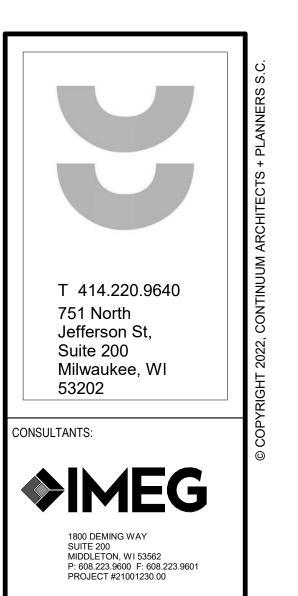
3 EQUIPMENT RACK ELEVATION -TR-2 - NORTH

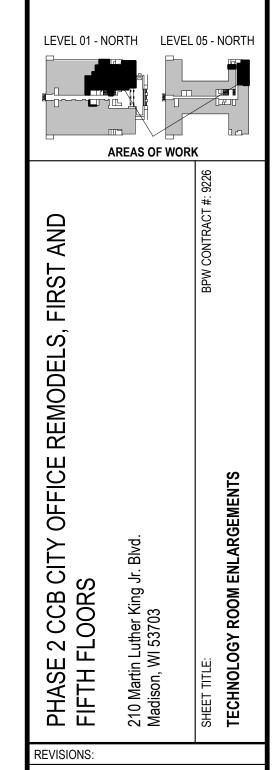
- ALL SC-ER-1 AND SC-VMW-1 PROVIDED IN BASE CONTRACT.
 TELECOM RACK

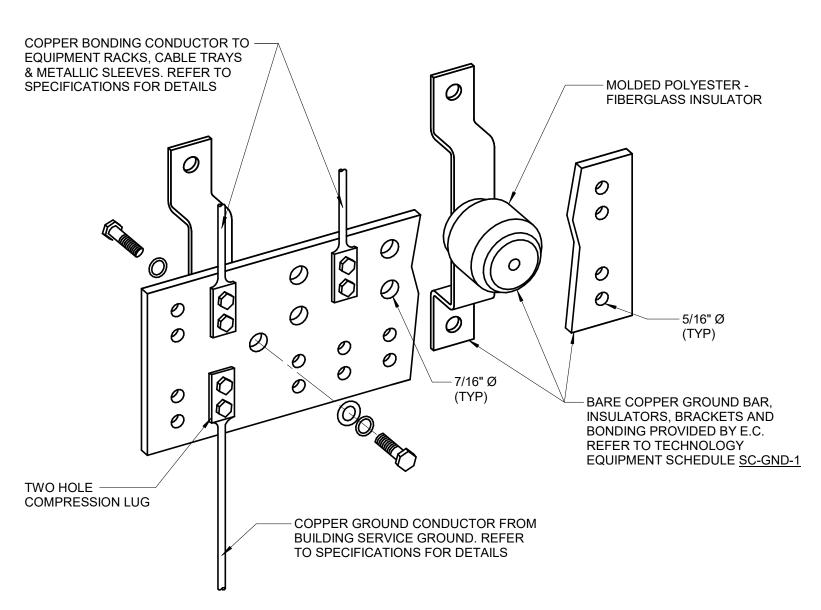
 A. ALL RACK MOUNTED EQUIPMENT PROVIDED IN BASE CONTRACT.

 AV RACK

 A. PROVIDE SC-FDC-1 AND SC-GND-2 IN BASE CONTRACT.
 B. ALL RACK MOUNTED AV EQUIPMENT PROVIDED IN SEPARATE CONTRACT WITH OWNER.



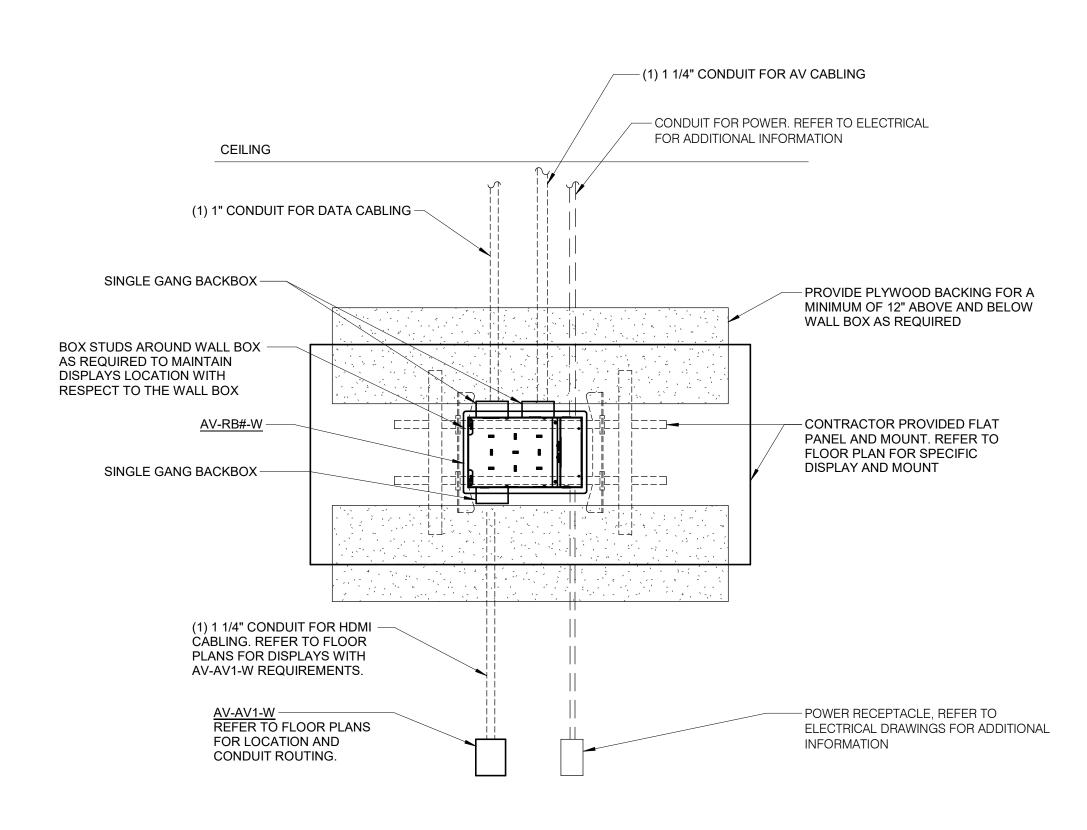




BONDING BUS BAR DETAIL

DIAGRAM.

1. REFER TO TECHNOLOGY EQUIPMENT SCHEDULE <u>SC-GND-1</u> FOR WIDTH REQUIREMENTS. 2. REFER TO 2/T400N FOR TYPICAL TELECOM ROOM BONDING FLOW



FIXED MOUNT ROUGH-IN DETAIL NO SCALE

1. CONFIGURATIONS SHOWN IN THE DETAIL ABOVE ARE DIAGRAMMATIC. INTENDED TO DESCRIBE THE ROUGH-IN REQUIREMENTS OF A TYPICAL FLAT PANEL DISPLAY. DETAILS ABOVE MAY NOT ACCURATELY REPRESENT DISPLAY SIZE, MOUNTING HEIGHT, OR PHYSICAL RELATIONSHIP. REFER TO ARCHITECTURAL ELEVATIONS FOR COMPLETE INFORMATION AND MIRROR THE

DETAIL AS REQUIRED. 2. ROUGH-IN SHOWN IN THE DETAIL ABOVE REPRESENTS THE MINIMUM REQUIREMENTS FOR THE DISPLAY UNLESS OTHERWISE NOTED. COORDINATE EXACT REQUIREMENTS OF THE SELECTED DEVICES AND CABLING PRIOR TO

3. ALL CABLING IN WALLS SHALL BE INSTALLED IN EMT CONDUIT. CABLING ROUTED HORIZONTALLY ABOVE THE ACCESSIBLE CEILING MAY BE INSTALLED FREE-AIR WITH CABLING PROPERLY RATED FOR THE CEILING ENVIRONMENT. 4. INSTALLATION SHALL INCLUDE ALL POWER REQUIRED FOR SYSTEM OPERATION

INCLUDING +120VAC. REFER TO THE SUGGESTED MATRIX OF SCOPE

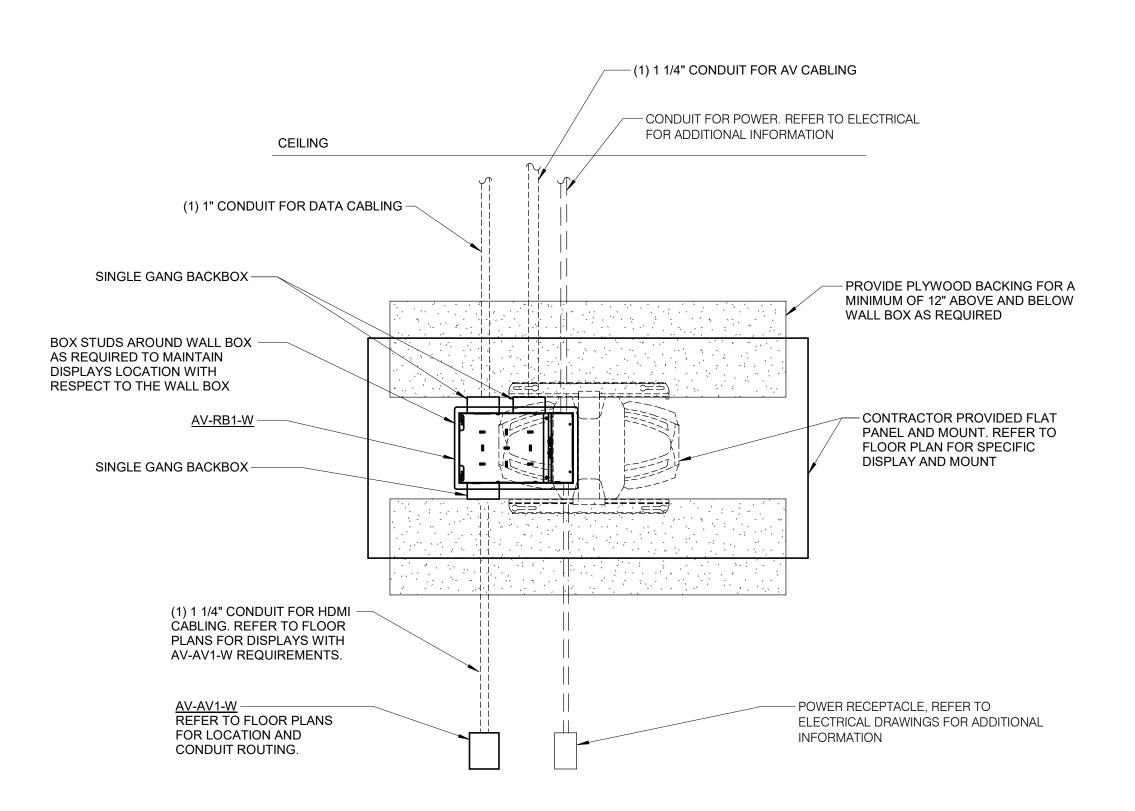
RESPONSIBILITY FOR ADDITIONAL INFORMATION.

NEAREST ELECTRICAL PANEL TELECOMMUNICATIONS METALLIC BONDING JUMPER (TBJ) CONDUITS 2 AND SLEEVES LADDER RACK (CONTINUOUS BOND) SC-GND-1 4 2 EQUIPMENT RACK(S) CABLE TRAY (CONTINUOUS BOND) TELECOMMUNICATIONS -BONDING JUMPER (TBJ) ACCESS CONTROL **EQUIPMENT** BUILDING STEEL TELECOMMUNICATIONS ROOM TR-#, (TYP.)

TYPICAL TELECOM ROOM BONDING FLOW DIAGRAM

- 1. THIS FLOW DIAGRAM IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS. THIS FLOW DIAGRAM IS SHOWN FOR CLARIFICATION OF CONNECTION LOCATIONS AND CONDUCTOR TYPE. ALL CONNECTIONS AND SYSTEM DEVICES SHOWN ARE TYPICAL AND NOT REPRESENTATIVE OF ACTUAL PROJECT QUANTITIES. REFER TO FLOOR PLANS AND ENLARGED FLOOR PLANS FOR ACTUAL QUANTITIES AND LOCATIONS OF DEVICES AND MORE SPECIFIC ROUTING INFORMATION. REFER TO
- SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. 2. ALL CONDUCTORS IN THE TECHNOLOGY BONDING SYSTEM SHALL BE MINIMUM SIZE OF 3/0 AWG PLENUM RATED COPPER (GREEN OR MARKED WITH A DISTINCTIVE GREEN COLOR) UNLESS CONDUCTOR LENGTH IS LESS THAN 66 FEET. REFER TO BONDING CONDUCTOR SIZING SCHEDULE FOR SIZING CRITERIA FOR CONDUCTORS LESS THAN 66 FEET IN LENGTH. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 3. ALL BONDING CONDUCTORS AND BONDING JUMPERS SHALL BE CONNECTED BY COMPRESSION LUGS, EXOTHERMIC WELDING, OR IRREVERSIBLE COMPRESSION CONNECTORS. SOLDER IS NOT AN ACCEPTABLE MEANS OF CONNECTION. SHEET METAL SCREWS SHALL NOT BE USED TO CONNECT COMMUNICATIONS BONDING CONDUCTORS TO EQUIPMENT. WHERE NECESSARY, REMOVE PAINT
- AND/OR USE PAINT-PIERCING WASHERS TO PROVIDE PROPER ELECTRICAL BOND AT ALL CONNECTIONS. 4. REFER TO 1/T400N FOR BONDING BUS BAR DETAIL AND ADDITIONAL INFORMATION AND REQUIREMENTS FOR <u>SC-GND-1</u>

- 1. REFER TO TELECOM ROOM REFERENCES SCHEDULE ON DRAWING TOON FOR TELECOMMUNICATIONS ROOM NUMBER AND LOCATION INCLUDES HORIZONTAL AND VERTICAL CONDUIT SLEEVES FOR TECHNOLOGY CABLING.
- TELECOMMUNICATIONS BONDING BACKBONE (TBB). REFER TO T500N FOR TECHNOLOGY BONDING RISER DIAGRAM 4. BONDING CONDUCTOR FOR TELECOMMUNICATIONS (BCT), TO ELECTRICAL ENTRANCE INTERSYSTEM BONDING TERMINATION. REFER
- 5. REFER TO THE ELECTRICAL DRAWINGS FOR LOCATION. 6. PROVIDE SC-GND-2 RACK MOUNT TELECOMMUNICATIONS BONDING BUSBAR AT EACH EQUIPMENT RACK.

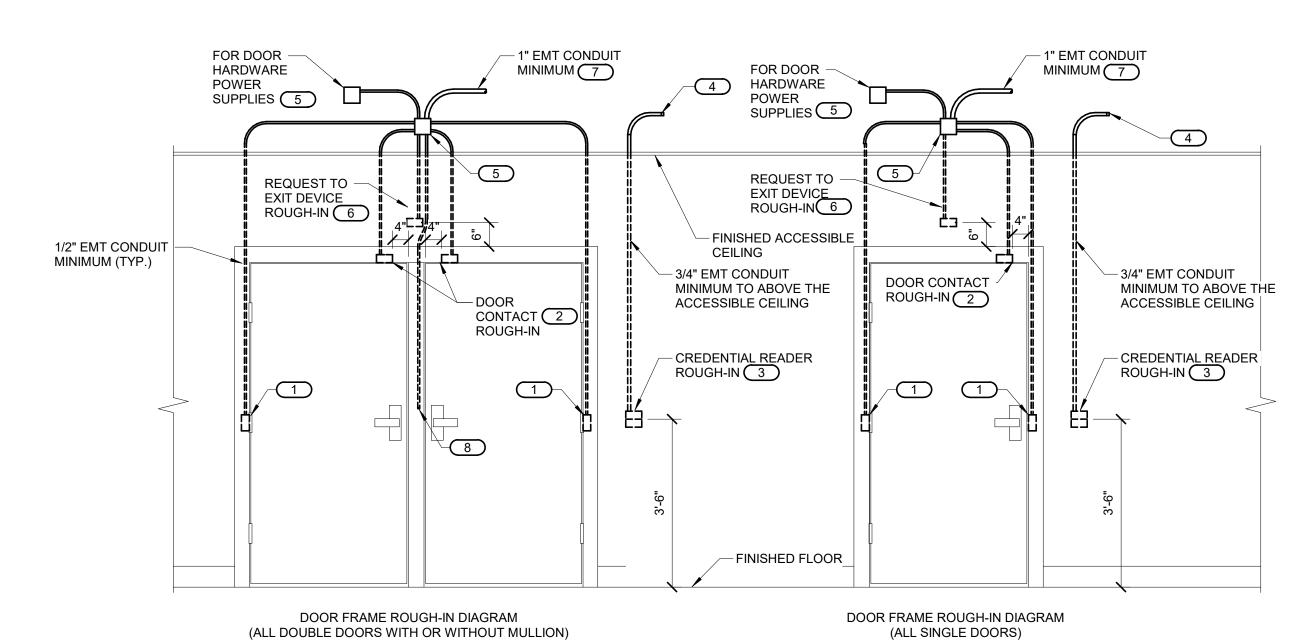


ARTICULATING MOUNT ROUGH-IN DETAIL

NOTES:

FLOOR

- 1. CONFIGURATIONS SHOWN IN THE DETAIL ABOVE ARE DIAGRAMMATIC, INTENDED TO DESCRIBE THE ROUGH-IN REQUIREMENTS OF A TYPICAL FLAT PANEL DISPLAY. DETAILS ABOVE MAY NOT ACCURATELY REPRESENT DISPLAY SIZE, MOUNTING HEIGHT, OR PHYSICAL RELATIONSHIP. REFER TO
- ARCHITECTURAL ELEVATIONS FOR COMPLETE INFORMATION AND MIRROR THE DETAIL AS REQUIRED. 2. ROUGH-IN SHOWN IN THE DETAIL ABOVE REPRESENTS THE MINIMUM REQUIREMENTS FOR THE DISPLAY
- UNLESS OTHERWISE NOTED. COORDINATE EXACT REQUIREMENTS OF THE SELECTED DEVICES AND CABLING PRIOR TO INSTALLATION. 3. ALL CABLING IN WALLS SHALL BE INSTALLED IN EMT CONDUIT. CABLING ROUTED HORIZONTALLY
- ABOVE THE ACCESSIBLE CEILING MAY BE INSTALLED FREE-AIR WITH CABLING PROPERLY RATED FOR THE CEILING ENVIRONMENT. 4. INSTALLATION SHALL INCLUDE ALL POWER REQUIRED FOR SYSTEM OPERATION INCLUDING +120VAC. REFER TO THE SUGGESTED MATRIX OF SCOPE RESPONSIBILITY FOR ADDITIONAL INFORMATION.



CONTROLLED SECURITY SCHEME DOOR ROUGH-IN DETAIL

- 1. CONFIGURATIONS SHOWN IN THE DETAIL ABOVE ARE DIAGRAMMATIC, INTENDED TO DESCRIBE THE CONTROLLED SECURITY SCHEME ROUGH-IN REQUIREMENTS OF THE DOORS. DETAILS ABOVE MAY NOT ACCURATELY REPRESENT DOOR SIZE, DOOR SWING, DOOR HARDWARE, OR DOOR FUNCTIONALITY. REFER TO ARCHITECTURAL DOOR HARDWARE SCHEDULE, DOOR HARDWARE GROUPS AND DOOR HARDWARE SPECIFICATIONS FOR COMPLETE INFORMATION. MIRROR THE DETAIL AS REQUIRED.
- ROUGH IN SHOWN IN THE DETAIL ABOVE REPRESENTS THE MINIMUM REQUIREMENTS FOR ALL CONTROLLED SECURITY SYSTEM DEVICES AND CABLING UNLESS OTHERWISE NOTED. COORDINATE EXACT REQUIREMENTS WITH SELECTED DOOR MATERIALS, DOOR HARDWARE, AND CONTROLLED SECURITY DEVICES AND CABLING PRIOR TO INSTALLATION 3. ALL CABLING IN WALLS AND WHERE EXPOSED ON VERTICAL SURFACES SHALL BE INSTALLED IN EMT CONDUIT OR SURFACE MOUNT RACEWAY. CABLING ROUTED HORIZONTALLY ABOVE THE ACCESSIBLE CEILING MAY BE INSTALLED FREE-AIR CABLING PROPERLY RATED FOR THE CEILING
- 4. THE ELECTRICAL OR SECURITY CONTRACTOR SHALL NOT MODIFY ANY FIRE RATED DOOR AND/OR DOOR FRAME. REFER TO THE ARCHITECTURAL DOOR SCHEDULE, DOOR HARDWARE SCHEDULE, AND DOOR HARDWARE SPECIFICATION FOR ADDITIONAL INFORMATION. MODIFICATION TO ANY FIRE RATED DOOR AND/OR FRAME WILL REQUIRE A RE-CERTIFICATION OF THE DOOR AND FRAME WITH THE LOCAL AUTHORITY HAVING
- JURISDICTION (AHJ). INSTALLING CONTRACTOR SHALL FURNISH AND INSTALL FIRESTOP MATERIALS FOR ALL CONTROLLED SECURITY SCHEME ROUGH-INS PER PROJECT REQUIREMENTS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 6. REFER TO THE CONTROLLED SECURITY SCHEME WIRING DIAGRAM ON T500N FOR CABLING REQUIREMENTS AND THE CONTROLLED SECURITY SCHEME SCHEDULE ON T600N FOR ADDITIONAL INFORMATION.
- 7. INSTALLATION SHALL INCLUDE ALL POWER REQUIRED FOR SYSTEM OPERATION INCLUDING +120VAC. REFER TO THE SUGGESTED MATRIX OF SCOPE RESPONSIBILITY FOR ADDITIONAL INFORMATION.

KEYNOTES: #

- 1. PROVIDE JUNCTION BOXES IN THE DOOR FRAME WHERE SHOWN ON THIS DETAIL. ROUGH-IN SHALL BE PROVIDED WHETHER THE CURRENT SECURITY SCHEME UTILIZES THEM OR NOT. ALL CONDUITS SHALL BE EMT CONDUIT UNLESS OTHERWISE NOTED. FLEXIBLE CONDUIT OF ANY TYPE WILL NOT BE ACCEPTED. COORDINATE INSTALLATION WITH ON-SITE DOOR FRAME INSTALLATION CONTRACTOR. 2. ALL DOOR POSITION SWITCHES ARE REQUIRED TO BE RECESSED UNLESS OTHERWISE NOTED. ELECTRIC HINGE MONITORS ARE NOT AN
- ACCEPTABLE REPLACEMENT FOR THE RECESSED DOOR POSITION SWITCH. 3. 4" SQUARE BACKBOX WITH SINGLE GANG PLASTER RING. PROVIDE 2 1/2" DEEP MASONRY BOX WHERE APPLICABLE. REFER TO FLOOR PLAN(S) FOR
- ACTUAL CREDENTIAL READER TYPE AND ROUGH-IN LOCATIONS. 4. CONDUIT SHALL ROUTE FROM THE CREDENTIAL READER TO THE SECURE SIDE OF THE DOOR. CONDUIT SHALL ROUTE A MINIMUM OF 12" FROM THE
- JUNCTION BOX. PROVIDE A NYLON BUSHING ON CONDUIT END. 5. MOUNT A MINIMUM 4" SQUARE 2-1/8" DEEP JUNCTION BOX WITH BLANK COVER PLATE ON THE SECURE SIDE OF THE DOOR ABOVE ACCESSIBLE

8. CONDUIT INSTALLED IN PERMANENT MULLIONS ONLY. REFER TO THE ARCHITECTURAL DOOR SCHEDULE AND DOOR HARDWARE GROUPS FOR

- CEILING. INSTALLING CONTRACTOR SHALL SIZE THE JUNCTION BOXES PER SYSTEM INSTALLATION REQUIREMENTS AND APPLICABLE CODES. MAINTAIN ACCESS TO THE JUNCTION BOX.
- 6. PROVIDE A HORIZONTALLY MOUNTED SINGLE GANG BACKBOX FOR THE REQUEST TO EXIT SENSOR. REFER TO THE CONTROLLED SECURITY SCHEME SCHEDULE ON T600N FOR DOORS THAT REQUIRE THIS ROUGH-IN. 7. CONDUIT SHALL ROUTE A MINIMUM OF 12" FROM THE JUNCTION BOX. PROVIDE A NYLON BUSHING ON CONDUIT END.

LOCATIONS THAT REQUIRE THIS ROUGH-IN. PROVIDE A NYLON BUSHING ON THE CONDUIT END.

T 414.220.9640

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ONSULTANTS:

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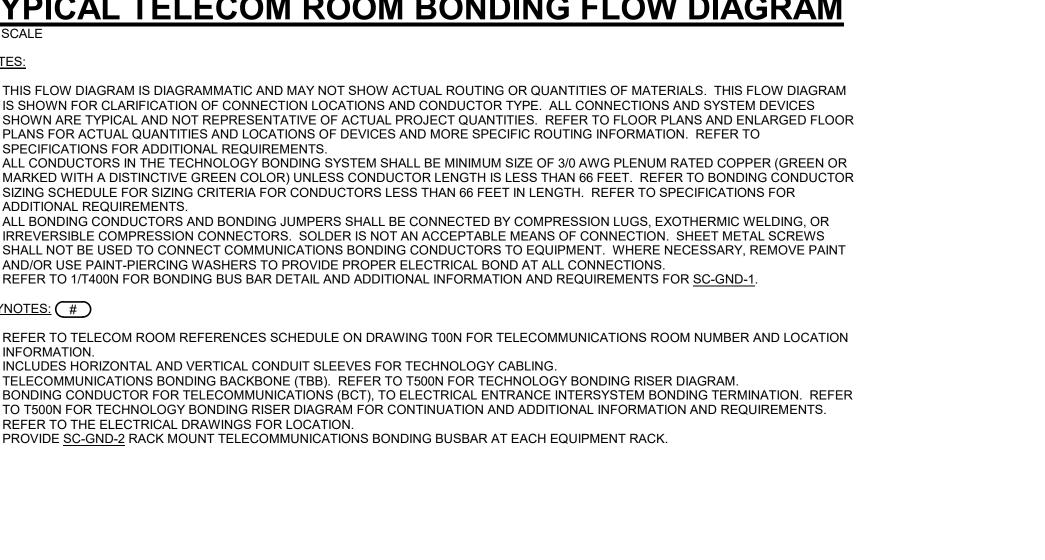
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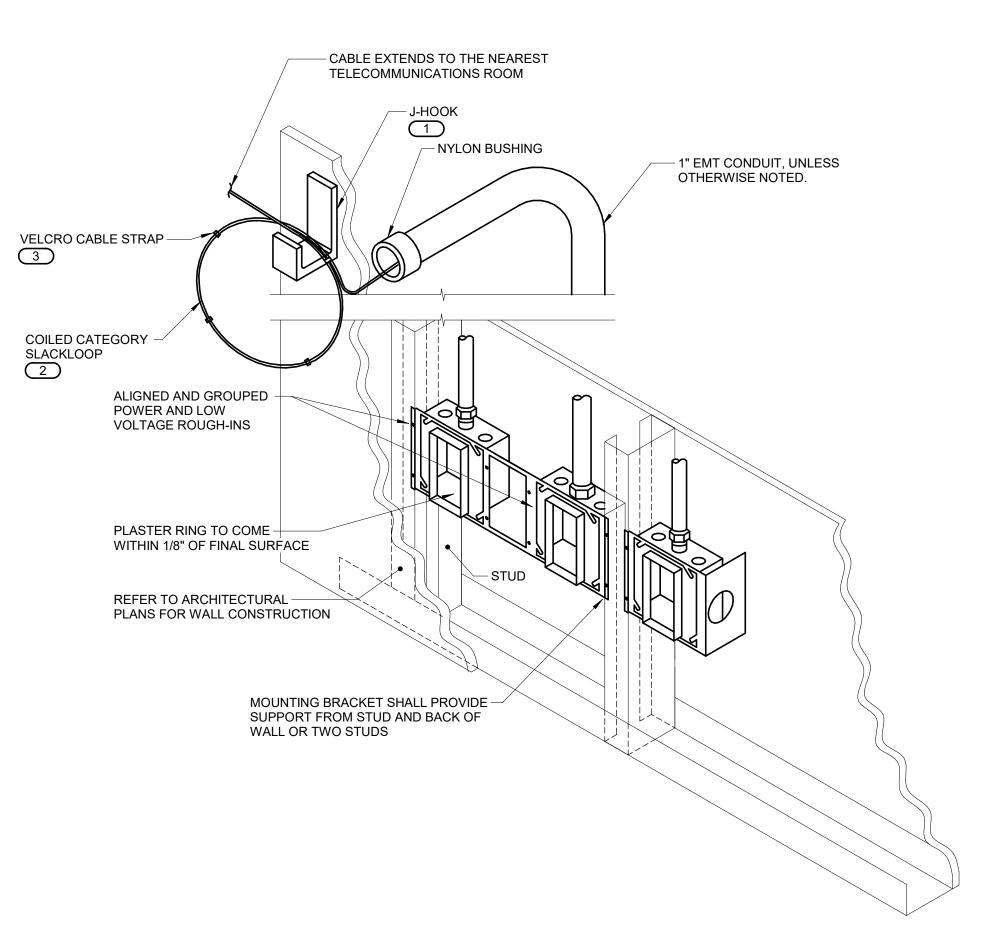
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SCALE VARIES PROJECT NUMBER

PLAN REVIEW 12/22/2022

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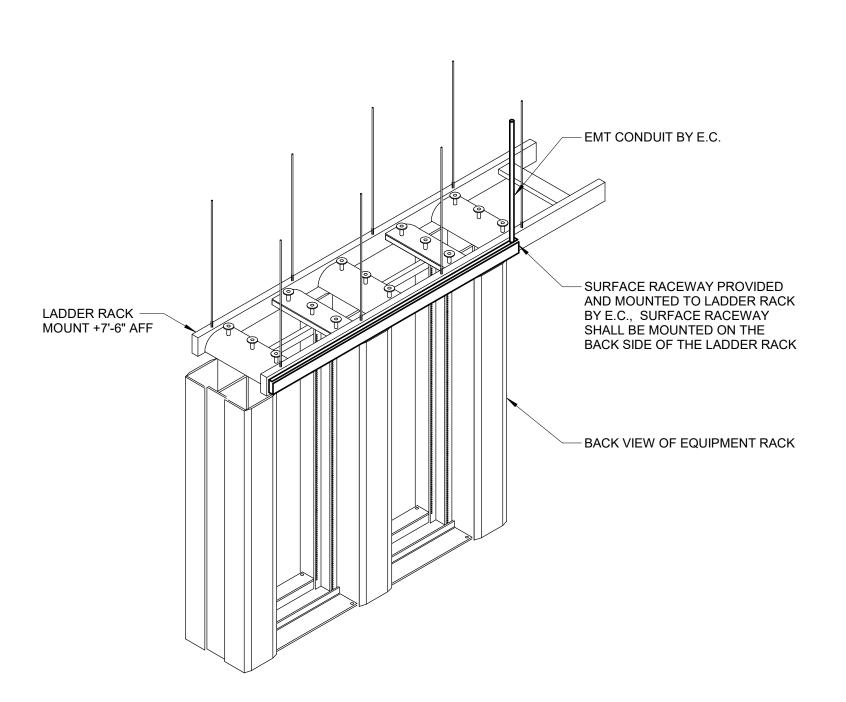
TECHNOLOGY ROUGH-IN TO J-HOOK DETAIL

- 1. THE INTENT OF THE DETAIL IS TO ALIGN AND GROUP DEVICE ROUGH-INS FOR POWER AND LOW VOLTAGE TECHNOLOGY SYSTEMS. SOLIDLY MOUNTED AND THE SURFACE OF THE TRIM IS EITHER FLUSH WITH THE WALL SURFACE OR WITHIN 1/8" OF THE WALL SURFACE. JUNCTION BOXES LARGER THAN 4" SQUARE SHALL BE MOUNTED IN A MANNER THAT IS SIMILAR TO THE SYSTEM NOTED ABOVE OR ACHIEVES THE SAME 2. PLASTER RINGS DEPTH SHALL BE 1/8" DEEPER THAN THE GYP BOARD APPLIED TO THE WALL. PLASTER RING
- SHALL BE 3/4" FOR USE WITH 5/8" GYP BOARD. 3. METAL STUD-TO-STUD MOUNTING BRACKETS FOR MULTIPLE BOXES BETWEEN STUD. ERICO CADDY RBS## SERIES, EATON B-LINE BB SERIES, OR EQUAL.
- 4. MOUNTING SUPPORT BRACKETS SIZES FOR SINGLE BOXES IN A STUD CAVITY SHALL MATCH THE STUD DEPTH. ERICO CADDY H## SERIES, EATON B-LINE BB## SERIES, OR EQUAL. 5. WHERE RECEPTACLE AND TECHNOLOGY DEVICES ARE SHOWN SERVING A COMMON COMPUTER OR EQUIPMENT, OR SHOWN IN SIMILAR LOCATIONS ON THE DRAWINGS THE DEVICES SHALL BE INSTALLED IN THE SAME STUD CAVITY WITH MOUNTING BRACKETS OR ALIGNED ON OPPOSITE SIDES OF A COMMON STUD
- 6. TERMINATE CONDUIT STUB ORIENTED HORIZONTALLY AT THE HEIGHT OF THE ASSOCIATED CABLE TRAY OR
- J-HOOK ROUTE. CONDUIT RUN SHALL NOT CONTAIN MORE THAN 180 DEGREES OF BEND BETWEEN ACCESSIBLE JUNCTION BOXES OR BETWEEN JUNCTION BOX AND END OF CONDUIT. 7. WHERE CONDUIT STUB IS LOCATED IN A ROOM WITH AN ACCESSIBLE CEILING AND IS NOT REQUIRED TO RUN TO CABLE ROUTE LOCATED OUTSIDE THE ROOM, STUB MUST TERMINATE ABOVE THE ACCESSIBLE CEILING WITH A 90-DEGREE BEND AT THE TOP ORIENTED IN TO THE ROOM AT THE HEIGHT OF THE ASSOCIATED CABLE TRAY OR J-HOOK ROUTE IN THE ROOM.
- 8. ALL STUBS MUST BE FITTED WITH A NYLON BUSHING ON EACH END OF THE CONDUIT. 9. INSTALLING CONTRACTOR SHALL FURNISH AND INSTALL FIRESTOP MATERIALS FOR TECHNOLOGY ROUGH-INS PER PROJECT REQUIREMENTS. REFER TO SPECIFICATIONS FOR FIRESTOP REQUIREMENTS.

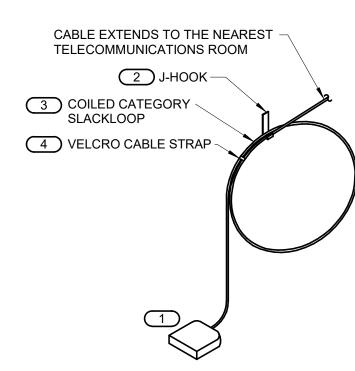
KEYNOTES:

ADDITIONAL REQUIREMENTS.

- 1. MOUNT A DEDICATED J-HOOK TO THE NEAREST CEILING SUBSTRUCTURE, COLUMN, JOIST, OR WALL ABOVE THE CEILING AS SHOWN ON THE DRAWINGS. PROVIDE THE PROPER SUPPORT WHEN HANGING FROM THE CEILING SUBSTRUCTURE OR COLUMN WALL OR JOIST. REFER TO SPECIFICATION SECTION 27 05 28 FOR
- 2. REFER TO SECTION 27 15 00 FOR SLACKLOOP LENGTH. MAINTAIN THE MANUFACTURERS BEND RADIUS FOR
- 3. PROVIDE AND INSTALL A VELCRO CABLE STRAP ON THE SLACKLOOP APPROXIMATELY EVERY 6" ALONG THE SLACKLOOP. FOR SLACKLOOPS GREATER THAN 3' A MINIMUM OF (4) STRAPS WILL BE INSTALLED.



LADDER RACK POWER DETAIL

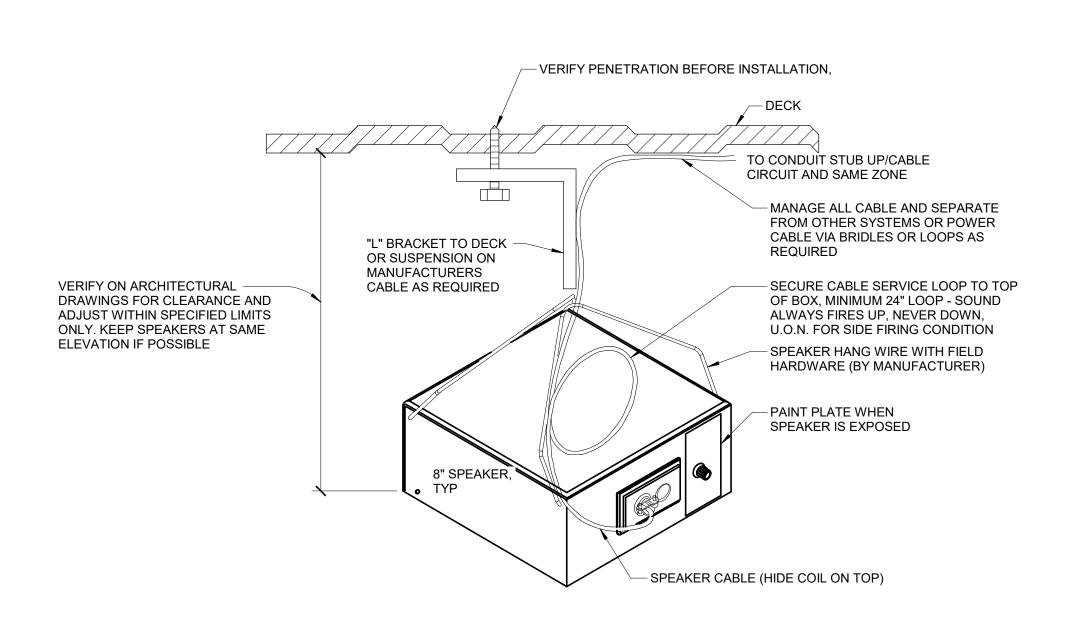


ABOVE CEILING INFORMATION **OUTLET MOUNTING DETAIL**

- 1. THIS DIAGRAM MAY NOT REPRESENT THE QUANTITY OF CABLES TO EACH INFORMATION OUTLET JUNCTION BOX. REFER TO THE DRAWINGS AND THE
- INFORMATION OUTLET SCHEDULE FOR ADDITIONAL INFORMATION. 2. ALL DEVICES ARE INSTALLED ABOVE THE CEILING UNLESS OTHERWISE

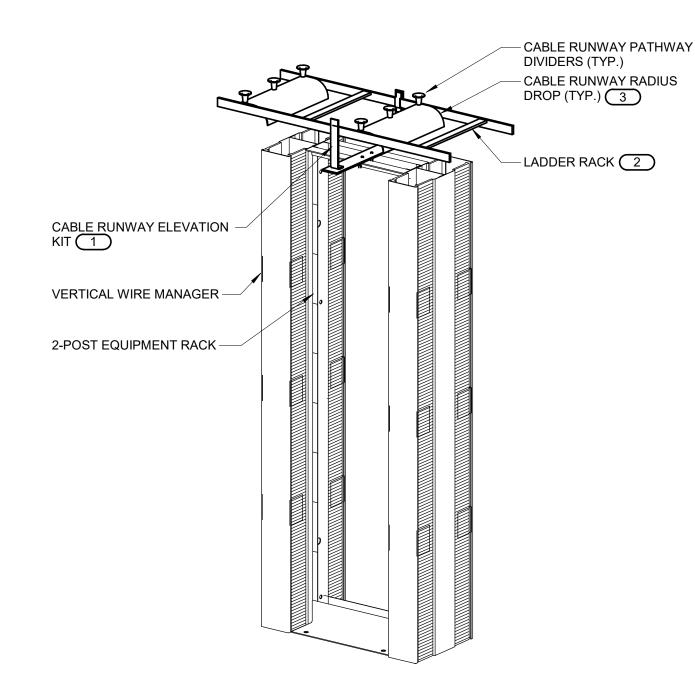
KEYNOTES:

- 1. 1 OR 2-PORT PLENUM RATED SURFACE MOUNTED BOX, SUPPORT FROM J-
- 2. REFER TO THE INFORMATION OUTLET SCHEDULE AND TECHNOLOGY EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
- 3. MOUNT A DEDICATED J-HOOK TO THE NEAREST CEILING SUBSTRUCTURE, COLUMN, JOIST, OR WALL ABOVE THE CEILING AS SHOWN ON THE DRAWINGS. PROVIDE THE PROPER SUPPORT WHEN HANGING FROM THE CEILING SUBSTRUCTURE OR COLUMN WALL OR JOIST. REFER TO SPECIFICATION
- SECTION 27 05 28 FOR ADDITIONAL REQUIREMENTS. 4. REFER TO SECTION 27 15 00 FOR SLACKLOOP LENGTH. MAINTAIN THE
- MANUFACTURERS BEND RADIUS FOR SLACKLOOP SIZE. 5. PROVIDE AND INSTALL A VELCRO CABLE STRAP ON THE SLACKLOOP APPROXIMATELY EVERY 6" ALONG THE SLACKLOOP. FOR SLACKLOOPS GREATER THAN 3' A MINIMUM OF (4) STRAPS WILL BE INSTALLED.



CEILING SUSPENDED SOUND MASKING SPEAKER DETAIL

1. ALL SPEAKERS SHOWN ON DRAWINGS ARE ACT MOUNTED. IN CASE OF FIELD CONDITIONS REQUIRING OPEN CEILING SUSPENSION, CONTRACTOR TO MOUNT WITH METHOD SHOWN HERE.



LADDER RACK MOUNTING DETAIL

- 1. ALL LADDER RACK AND ACCESSORIES TO BE INSTALLED FOR A COMPLETE INSTALLATION SHALL BE FROM THE SAME MANUFACTURER. KEYNOTES: #
- 1. MOUNT THE LADDER RACK NO MORE THAN +6" ABOVE THE FLOOR MOUNTED RACK.
- ADJUST THE CABLE RUNWAY ELEVATION KIT AS REQUIRED. REFER TO THE INDIVIDUAL PATHWAY DRAWINGS FOR THE LADDER RACK SIZE. A MINIMUM OF (1) RADIUS DROP INTO EACH VERTICAL WIRE MANAGER. REFER TO THE INDIVIDUAL TELECOM ROOM LAYOUTS, PATHWAY LAYOUTS, AND RACK ELEVATIONS FOR QUANTITY OF WIRE MANAGERS AND ADDITIONAL INFORMATION.

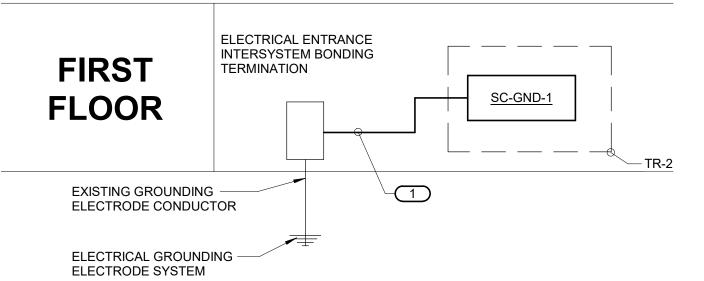


1800 DEMING WAY SUITE 200 MIDDLETON, WI 53562 P: 608.223.9600 F: 608.223.9601 PROJECT #21001230.00

ب ٧ REVISIONS:

SCALE PROJECT NUMBER PLAN REVIEW

12/22/2022



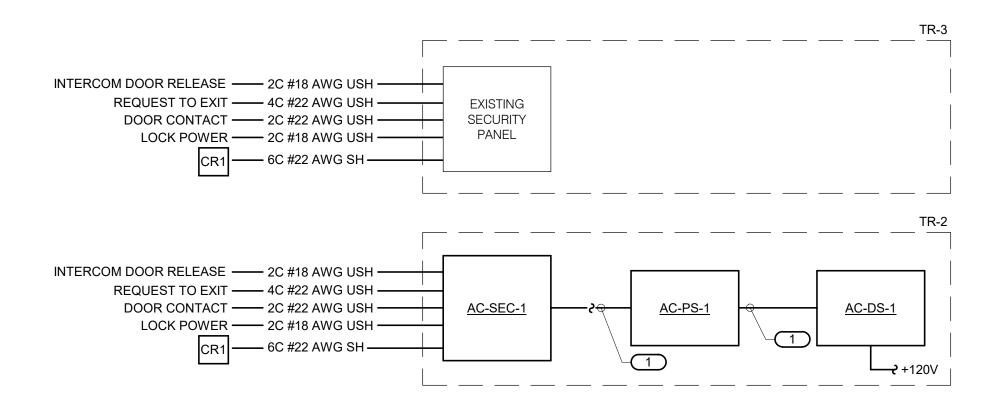
TECHNOLOGY BONDING RISER DIAGRAM

- 1. THIS RISER IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION LOCATIONS AND CONDUCTOR TYPE. ALL CONNECTIONS AND SYSTEM DEVICES SHOWN ARE TYPICAL AND NOT REPRESENTATIVE OF ACTUAL PROJECT QUANTITIES. REFER TO FLOOR PLANS AND ENLARGED FLOOR PLANS FOR ACTUAL QUANTITIES AND LOCATIONS OF DEVICES AND MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- ALL CONDUCTORS IN THE TECHNOLOGY BONDING SYSTEM SHALL BE MINIMUM SIZE OF 3/0 AWG PLENUM RATED COPPER (GREEN OR MARKED WITH A DISTINCTIVE GREEN COLOR) UNLESS CONDUCTOR LENGTH IS LESS THAN 66 FEET. REFER TO BONDING CONDUCTOR SIZING SCHEDULE FOR SIZING CRITERIA FOR CONDUCTORS LESS THAN 66 FEET IN LENGTH. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- ALL BONDING CONDUCTORS AND BONDING JUMPERS SHALL BE CONNECTED BY COMPRESSION LUGS, EXOTHERMIC WELDING, OR IRREVERSIBLE COMPRESSION CONNECTORS. SOLDER IS NOT AN ACCEPTABLE MEANS OF CONNECTION. SHEET METAL SCREWS SHALL NOT BE USED TO CONNECT COMMUNICATIONS BONDING CONDUCTORS TO EQUIPMENT. WHERE NECESSARY, REMOVE PAINT AND/OR USE PAINT-PIERCING WASHERS TO PROVIDE PROPER ELECTRICAL BOND AT ALL CONNECTIONS.
- 4. REFER TO 2/T400N FOR TYPICAL TELECOM ROOM BONDING FLOW DIAGRAM. 5. REFER TO TELECOM ROOM REFERENCES SCHEDULE ON DRAWING T00N FOR TELECOMMUNICATIONS ROOM NUMBER AND LOCATION INFORMATION.

KEYNOTES:

1. BONDING CONDUCTOR FOR TELECOMMUNICATIONS (BCT). BCT SHALL BE THE SAME SIZE AS THE TBB OR LARGER. REFER TO BONDING CONDUCTOR SIZING SCHEDULE FOR SIZING REQUIREMENTS.

BONDING CONDUC	TOR SIZING SCHEDULE
CONDUCTOR LENGTH IN FEET	MINIMUM ACCEPTABLE SIZE - AWG
LESS THAN 13'	6
14' - 20'	4
21' - 26'	3
27' - 33'	2
34' - 41'	1
42' - 52'	1/0
53' - 66'	2/0
GREATER THAN 66'	3/0

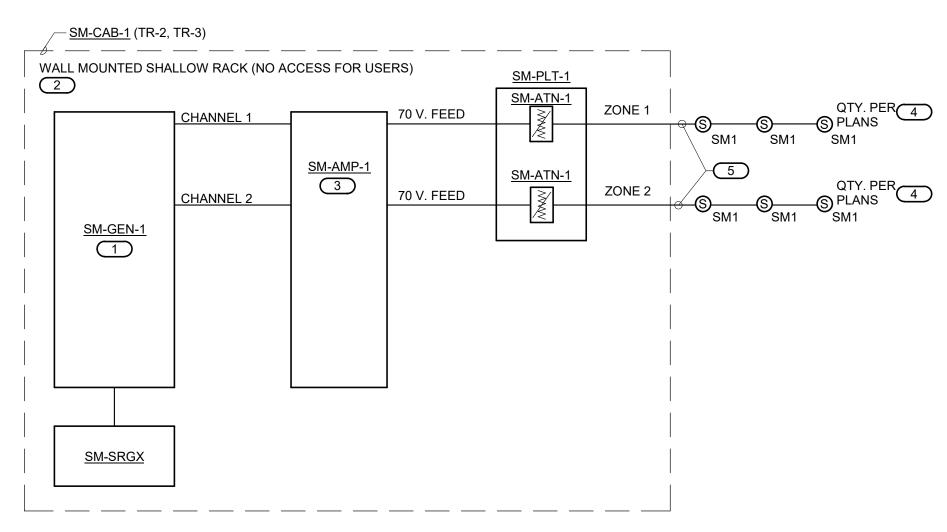


ACCESS CONTROL RISER DIAGRAM NO SCALE

- 1. THIS DIAGRAM IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL DEVICE QUANTITIES OR LOCATIONS. ALL DEVICES SHOWN ARE TYPICAL AND MAY NOT REFLECT EVERY WIRE OR CONNECTION THAT MUST BE MADE. WIRING SHOWN ON THIS DIAGRAM REFLECTS THE REQUIREMENTS FOR THE BASIS OF DESIGN MANUFACTURER. ANY CHANGES REQUIRED DUE TO THE T.C.'S SELECTION OF AN ALTERNATE MANUFACTURER, INCLUDING ANY POWER REQUIRED FOR FIELD LOCATED SECURITY CONTROLLERS, SHALL BE INCLUDED IN
- ALL CONDUCTOR SIZES ARE LISTED A MINIMUM SIZES.
- ALL WORKSTATIONS AND SERVERS REQUIRE A KEYBOARD AND MOUSE. 4. MULTICONDUCTOR COMPOSITE CABLES ARE ACCEPTABLE.

KEYNOTES:

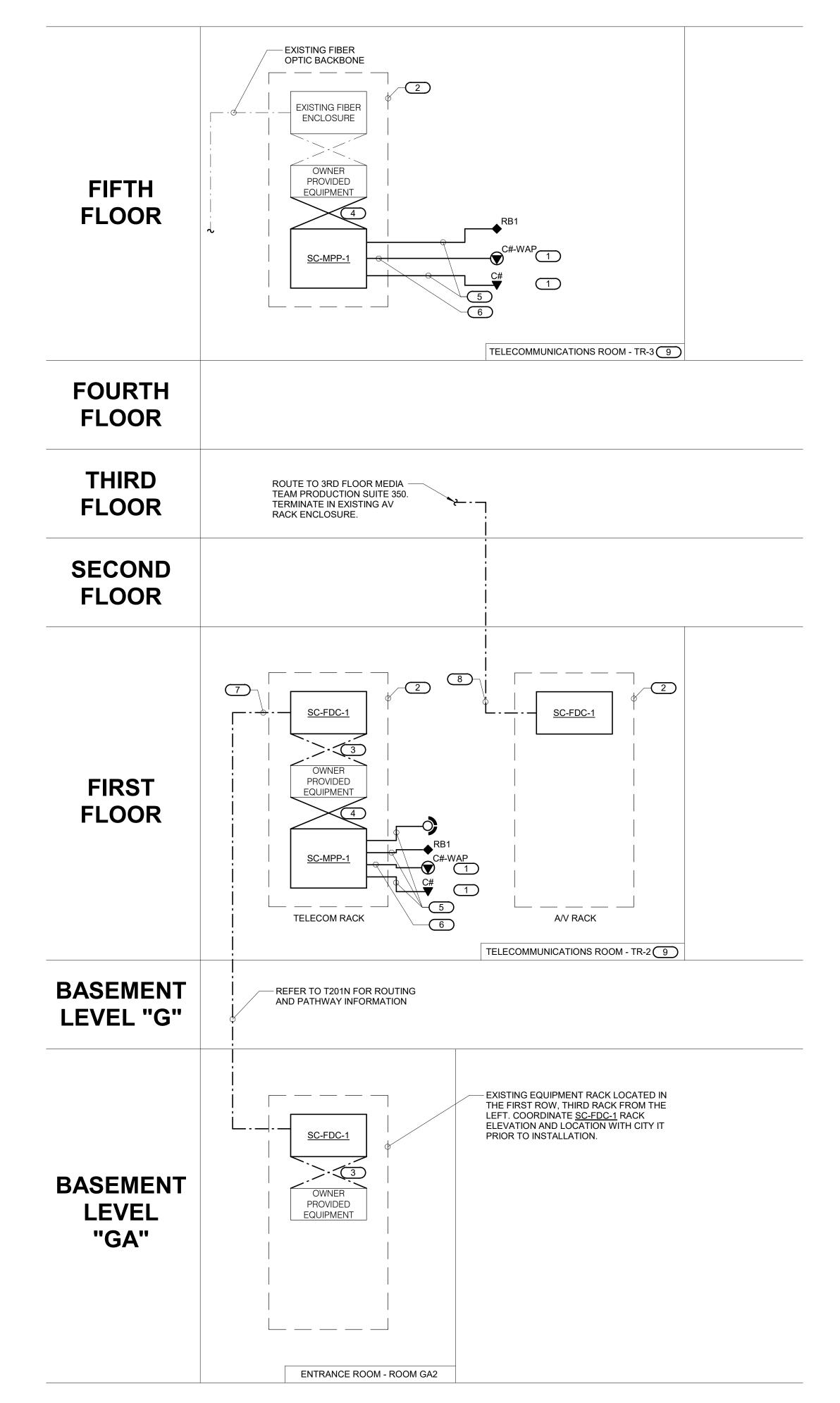
1. CABLE PER MANUFACTURER'S REQUIREMENTS.



MASKING SYSTEM RISER DIAGRAM

KEYNOTES:

- 1. GENERATOR WITH SCHEDULE PRESETS OPERATING AND TESTED IN ADVANCE OF
- COMMISSIONING. SERVICES BY IMEG PER SPECIFICATIONS. 2. A.C. HARDCOUPLED INSIDE RACK (20A). E.C. POWER TO RACK SUPPLIED BY AUDIO MASKING CONTRACTOR AS REQUIRED. PREQUALIFIED MASKING IS REQUIRED WITH
- ANSI TYPE II TEST MICROPHONE. CONFIGURE H.P.F. AS 100Hz, TYPICAL.
- 4. VERIFY ZONES WITH ACTUAL FIELD CONDITIONS. SHOULD WALLS, CEILINGS OR MOUNTINGS CHANGE, ADJUST AS REQUIRED FOR LAYOUTS, LOAD, AND SPEAKER TYPE. TRANSITION ZONES IN CORRIDORS ARE 1/2 POWER TAPS RELATIVE TO FINAL TAP SELECTION OF MASKING ZONES. CONFIRM ZONES ARE ONLY "LIKE" ACOUSTICAL
- 5. WEST PENN 25224 2 CONDUCTOR UNTWISTED PAIR PLENUM RATED TYPICAL, IN STUBS AND MANAGED, SECURED, CABLE PATHS WITH TAGS.

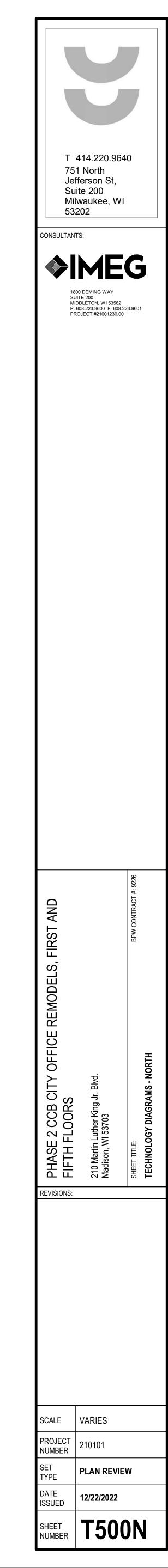


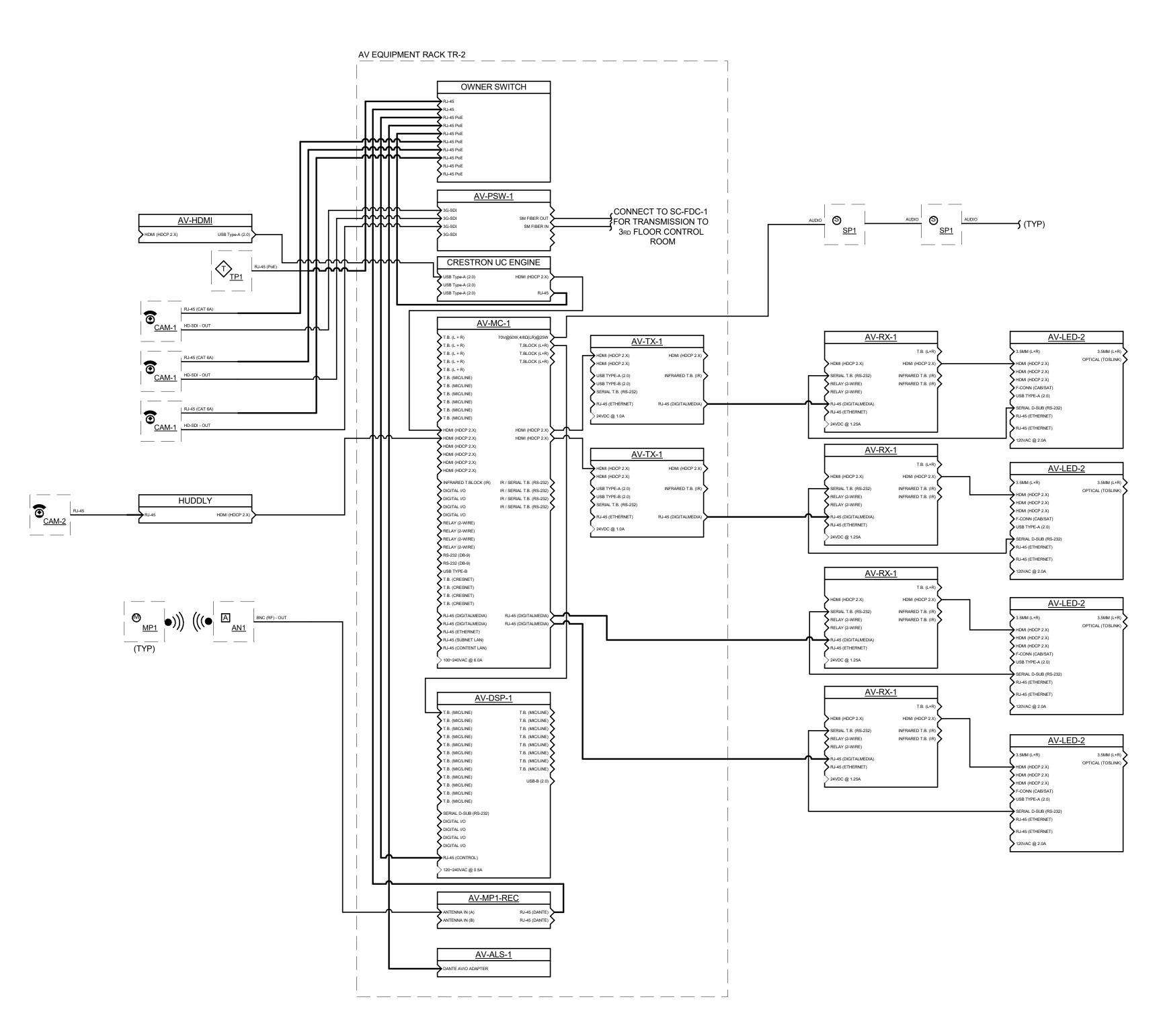
FIBER AND COPPER RISER DIAGRAM

- 1. THIS RISER IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS SHOWN. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION(S), LOCATIONS AND CABLE TYPE. ALL INFORMATION OUTLETS ARE TYPICAL OF THE OUTLETS IN THE AREA SHOWN. REFER TO FLOOR PLANS FOR MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL
- 2. REFER TO FLOOR PLANS FOR QUANTITY OF CABLES AND JACKS TO BE INSTALLED AT EACH INFORMATION OUTLET.

KEYNOTES:

- 1. C# INDICATES VOICE/DATA FACEPLATE CONFIGURATION. REFER TO THE INFORMATION OUTLET SCHEDULE ON T600N FOR ADDITIONAL INFORMATION. REFER TO SPECIFICATIONS SECTION 27 15 00
- FOR ADDITIONAL INFORMATION. 2. RACK OR CABINET AS DEFINED ON THE TELECOM ROOM LAYOUT. REFER TO THE TELECOM ROOM
- REFERENCES MATRIX ON THE COVERPAGE FOR LOCATION. 3. REFER TO SPECIFICATIONS FOR FIBER PATCH CORD REQUIREMENTS.
- 4. RJ-45 TO RJ45 CATEGORY 6 AND CATEGORY 6A UTP PATCH CORDS, REFER TO SPECIFICATIONS. 5. 4-PAIR, CATEGORY 6, UNSHIELDED TWISTED PAIR CABLE, REFER TO SPECIFICATIONS. 6. 4-PAIR, CATEGORY 6A, UNSHIELDED TWISTED PAIR CABLE, REFER TO SPECIFICATIONS.
- 7. 24 STRAND SM FIBER OPTIC CABLE, LC CONNECTORS. REFER TO SPECIFICATIONS. 8. 6 STRAND SM FIBER OPTIC CABLE, SC CONNECTORS. REFER TO SPECIFICATIONS. 9. REFER TO COVERPAGE AND FLOOR PLANS FOR TELECOMMUNICATIONS ROOM LOCATIONS.





(1) CONFERENCE SCR01 FUNCTIONAL DIAGRAM NO SCALE

NOTES:

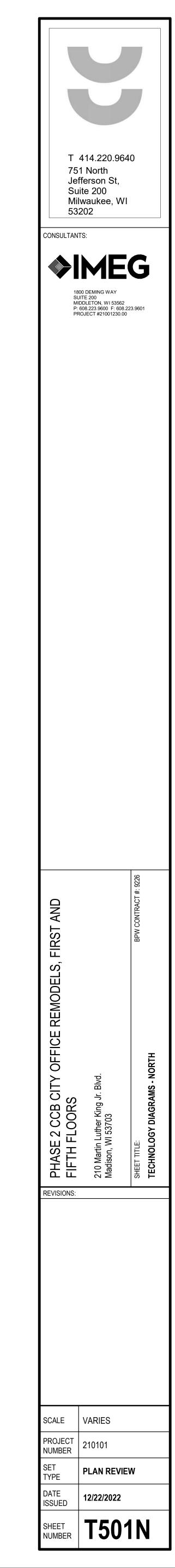
1. FOR REFERENCE ONLY. AV EQUIPMENT AND CABLING PROVIDED IN SEPARATE CONTRACT WITH OWNER.

3.5MM (L+R) 3.5MM (L+R) HDMI (HDCP 2.X) HDMI (HDCP 2.X) HDMI (HDCP 2.X) F-CONN (CAB/SAT) USB TYPE-A (2.0)
SERIAL D-SUB (RS-232) RJ-45 (ETHERNET) RJ-45 (ETHERNET) 120VAC @ 2.0A
AV-LED-# 3.5MM (L+R) 3.5MM (L+R) OPTICAL (TOSLINK) HDMI (HDCP 2.X) HDMI (HDCP 2.X) HDMI (HDCP 2.X) F-CONN (CAB/SAT) USB TYPE-A (2.0) SERIAL D-SUB (RS-232)
) 1

PASSIVE AV FUNCTIONAL DIAGRAMS
NO SCALE

TREASUR	Y DEPARTMENT		- — — -		
 	AIPHONE #871802 (22/2) 22 AWG 4C	AIPHONE #871802 (22/2)	IS1		
POWEI	3 Y	22 AWG 4C	AIPHONE RY-3DL 18 AV		OOR RELEASE TO
COMMON	COUNCIL	-		. — — - - — —	
		AIPHONE #871802 (22)	IS1		
	AIPHONE #871802 (22/2) 18 AWG 2C	 			

3 VIDEO INTERCOM FUNCTIONAL DIAGRAMS
NO SCALE



TECHNOLOGY EQUIPMENT SCHEDULE

THE EQUIPMENT LIST ABBREVIATIONS AND THE TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING

CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.

BBREVIATION AC-CR1-W	PROVIDED AS INTEGRAL PART OF SECURITY MANAGEMENT SYSTEM. REFER TO CONTROLLED SECURITY SCHEME (CSS)	MODEL KEYSCAN K-KPR SERIES NO EXCEPTIONS
AC-CR2-W		KEYSCAN K-KPR SERIES NO EXCEPTIONS
AC-DS-1	ACCESS CONTROL SYSTEM DISTRIBUTION PANEL. REFER TO SPECIFICATION SECTION 28 13 00 FOR ADDITIONAL INFORMATION.	ALTRONIX AL168175CB NO EXCEPTIONS
AC-PS-1	ACCESS CONTROL SYSTEM POWER SUPPLY PANEL. REFER TO SPECIFICATION SECTION 28 13 00 FOR ADDITIONAL INFORMAION.	ALTRONIX AL600ULACM NO EXCEPTIONS
AC-RPB-W AC-SEC-1	REQUEST TO EXIT PUSH BUTTON, WALL MOUNT. PROVIDE A SINGLE GANG BACKBOX WITH (1) 3/4" CONDUIT ROUTED TO ABOVE CEILING. PROVIDE 18/4 AWG CABLE FROM PUSH BUTTON TO ACCESS CONTROL PANEL. ACCESS CONTROL SYSTEM. REFER TO SPECIFICATION SECTION 28 13 00 FOR COMPLETE INFORMATION.	SECURITRON EEB KEYSCAN ACCESS CONTR
AV-ALS-1	ASSISTIVE LISTENING SYSTEM, FM WIDEBAND TRANSMITTER. FCC PART 15 COMPLIANT. DSP AUDIO PROCESSING, NETWORK CONTROL CAPABILITY, DANTE AUDIO INPUT, DIGITAL AUDIO INPUTS WITH AES. OPERATING FREQUENCY: 72.1-75.9 MHz. TRANSMISSION RANGE: 1000 FT. 19" RACK MOUNTABLE.	NO EXCEPTIONS FOR REFERENCE ONLY. A EQUIPMENT PROVIDED IN SEPARATE CONTRACT WI OWNER.
	USB CHARĞÉR KIT, (1) ANTENNA KIT, (1) WALL PLAQUE, (1) RACK PANEL KIT, (1) PÓWER SUPPLY, (1) RCA AUDIO CABLÈ, (1) POWER CORD.	LISTEN TECHNOLOGIES LS-31-072-D NO EXCEPTIONS
AV-ANT-W	WIRELESS MICROPHONE ANTENNA, WALL MOUNT. WIDE BAND RF COVERAGE, PROVIDE WITH WALL MOUNT BRACKET.	FOR REFERENCE ONLY. A EQUIPMENT PROVIDED IN SEPARATE CONTRACT W OWNER.
AV-AV1-W	AV WALL PLATE. INSTALL A 5" SQUARE BACKBOX WITH A SINGLE GANG PLASTER RING. INSTALL A 1.25" EMT CONDUIT TO NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED. TERMINATE WITH NYLON BUSHING.	SHURE MICROFLEX MXWAPT8 NO EXCEPTIONS ROUGH-IN ONLY. AV CABI PROVIDED IN SEPARATE CONTRACT WITH OWNER BACKBOX: RANDAL T-55017
AV-CAM-1	FOR WALL MOUNTED APPLICATIONS PROVIDE (1) 4" SQUARE BACKBOXE WITH (1) 1" CONDUIT ROUTED TO NEAREST ACCESSIBLE CEILING. TERMINATE WITH NYLON BUSHING.	HDMI COUPLER FRAME: HUBBELL NS801 SERIES (DÉCOR) ROUGH-IN ONLY. AV EQUIPMENT PROVIDED IN SEPARATE CONTRACT W OWNER. PANASONIC AW-HE150
AV-CAM-2	VIDEO CONFERENCING CAMERA, SURFACE MOUNT. 1080P/30, 5X DIGITAL ZOOM. INPUTS: (1) RJ45, (1) USB 3.0. INCLUDES USB TO POE ADAPTER WITH USB-C AND USB-A CABLES AND POWER ADAPTER.	NO EXCEPTIONS FOR REFERENCE ONLY. A EQUIPMENT PROVIDED IN SEPARATE CONTRACT W OWNER. HUDDLY
AV-DSP-1	DIGITAL SIGNAL PROCESSOR. 32x32 CHANNELS OF DIGITAL AUDIO NETWORKING VIA DANTE PROTOCOL. AES67 ENABLES DANTE ENDPOINTS. CONNECTIONS: (4) MIC/LINE INPUTS WITH AEC, (4) LINE OUTPUTS. FREQUENCY RESPONSE: 20 Hz to 20 kHz ±4 dB. INPUTS: (1) RJ-45 ETHERNET PORT, (1) RJ-45 SIP VoIP INTERFACE, (1) RJ-45 DANTE, (1) RJ-11 POTS, (1) RS-232 CONTROL. (1) RU 19"RACK MOUNTABLE.	L1 NO EXCEPTIONS
AV-HDMI	HDMI TO USB 3.0 CONVERTER. INPUT: (1) HDMI, OUTPUT: (1) USB 3.0. RESULUTION: 1080P/60. INCLUDES (1) 6' HDMI TYPE A CABLE AND (1) 3' UWB 3.0 TYPE-B TO TYPE-A CABLE.	NO EXCEPTIONS FOR REFERENCE ONLY. A EQUIPMENT PROVIDED IT SEPARATE CONTRACT W OWNER. CRESTRON
AV-LED-1	IN. OUTPUTS: (1) DIGITAL AUDIO, RS-232 CONTROL, POWER REQUIREMENT: 110-120 VAC, 60 Hz, DIMENSION: DIMENSIONS: 38"H X 63"W X 7" D.	HD-CONV-USB-200 NO EXCEPTIONS FOR REFERENCE ONLY. / EQUIPMENT PROVIDED IN SEPARATE CONTRACT W OWNER. SAMSUNG
AV-LED-2	85" LED FLAT PANEL DISPLAY, 3840x2160 RESOLUTION, UHD UPSCALING, BUILT-IN Wi-Fi, INPUTS: (2) HDMI, (1) USB, (1) RF	QHR SERIES CHRISTIE SHARP FOR REFERENCE ONLY. A EQUIPMENT PROVIDED IN SEPARATE CONTRACT W OWNER. SAMSUNG QMR SERIES
AV-MC-1	SCALING PRESENTATION SWITCHER AND CONTROLLER, 8 INPUTS INCLUDING MINIMUM 2 HDMI, 2 HDBASET, AND ANALOG RCA AUDIO, 2 SWITCHED HDMI AND 2 SWITCHED HDBASET OUTPUTS AND 1 ANALOG AUDIO OUTPUTS WITH INTEGRATED 70V AMPLIFIER, INPUT SCALING TO 1080P AND WUXGA (1920 X 1200) OUTPUT, LAN OR RS232 CONTROL OF AUDIO VIDEO EQUIPMENT, 3 RU HEIGHT.	CHRISTIE SHARP FOR REFERENCE ONLY. EQUIPMENT PROVIDED II SEPARATE CONTRACT W OWNER. CRESTRON
AV-MNT-1	TILTING WALL MOUNT, TILTS: +2° TO -12°, FITS SCREEN SIZES 37" TO 65", 17.4 ADJUSTABLE LATERAL SHIFT, MANUAL HEIGHT ADJUSTMENT 1", MAXIMUM WEIGHT: 200 LBS. DIMENSION 18.25" H X 25.75" W X 2" D.	DMPS3-4K-350-C NO EXCEPTIONS FOR REFERENCE ONLY. A EQUIPMENT PROVIDED IT SEPARATE CONTRACT W OWNER.
AV-MNT-2	ARTICULATING WALL MOUNT, FITS SCREEN SIZES 47" TO 75", 16" ADJUSTABLE LATERAL SHIFT, MANUAL HEIGHT ADJUSTMENT 1", MAXIMUM WEIGHT: 125 LBS. PROVIDE WITH INSTALL HARDWARE KIT.	CHIEF MTM1U PREMIER PEERLESS FOR REFERENCE ONLY. A EQUIPMENT PROVIDED IN SEPARATE CONTRACT W OWNER. CHIEF
AV-MNT-3	TILTING WALL MOUNT, TILTS: +2° TO -12°, FITS SCREEN SIZES 37" TO 85", 17.4 ADJUSTABLE LATERAL SHIFT, MANUAL HEIGHT ADJUSTMENT 1", MAXIMUM WEIGHT: 200 LBS. DIMENSION 18.25" H X 25.75" W X 2" D.	MOUNT: TS525TU HARDWARE KIT: FHB5034 PREMIER PEERLESS FOR REFERENCE ONLY. A EQUIPMENT PROVIDED IN SEPARATE CONTRACT W OWNER. CHIEF LTM1U
AV-MP1-REC	WIRELESS MICROPHONE RECEIVER, 1400 TUNABLE UHF FREQUENCIES, 516MHz TO 865MHz RF FREQUENCY RANGE, 32 PRESETS, >115dB(A) SNR, <0.9% THD, INPUT ON XLR CONNECTOR, AUDIO OUTPUT +18 dBU. (2) 5 OHM BNC ANTENNA	PREMIER PEERLESS FOR REFERENCE ONLY. A EQUIPMENT PROVIDED IN SEPARATE CONTRACT W

NO EXCEPTIONS

TECHNOLOGY EQUIPMENT SCHEDULE

AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE

THE EQUIPMENT LIST ABBREVIATIONS AND THE TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

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AV-MP1-S	EQUIPMENT LIST DESCRIPTION DESKTOP WIRELESS MICROPHONE, 10-20,000 Hz FREQUENCY RANGE, 200 OHMS IMPEDANCE. PRESSURE SENSITIVE, TENSIONLESS LOW-MASS ELECTRET CONDENSER ELEMENT, ENHANCED WITH AN INTEGRATED FET LOW NOISE PREAMPLIFIER, 10'-12' COVERAGE RANGE, 28 dB SPL NOISE LEVEL.	MANUFACTURER AND MODEL FOR REFERENCE ONLY. AV EQUIPMENT PROVIDED IN SEPARATE CONTRACT WITH OWNER.
	PROVIDE WITH NETWORK CHARGING STATIONS WITH PORT QUANTITES APPROPRIATE FOR EACH SPACE.	SHURE MICROFLEX BASE TRANSMITTER: MXW8 GOOSENECK MICROPHONE: MX410LP/C NETWORKED CHARGING STATION: MXWNCS SERIES
AV-PC-1	VOLTAGE REGULATOR POWER CONDITIONER. TOROIDAL TRANSFORMER. ACCEPTS INPUT VOLTAGE BETWEEN 90V-139V AND TRANSFORMERS IT TO A CONSTANT 120V. +5V FROM 97V-137V. NOISE ATTENUATION OF 100dB @ 10kHz, 40dB @ 100kHz AND 50dB @ 500 kHz. 188V PEAK @ 3000 AMPS SPIKE CLAMPING. 6500 AMPS MAXIMUM SURGE. MAXIMUM INPUT CURRENT OF 15 AMPS AND 1800 WATTS, UL LISTED. 10 FEET 14 AWG POWER CORD WITH NEMA 15 PLUG. ONE FRONT PANEL OUTLET, AND 8 REAR PANEL NEMA 5-15 OUTLETS. ISOLATED FILTER BANKS. FRONT DIGITAL VOLTMETER OR	NO EXCEPTIONS FOR REFERENCE ONLY. AV EQUIPMENT PROVIDED IN SEPARATE CONTRACT WITH OWNER.
	AMMETER. WEIGHT: 15 lbs. REQUIRES (1) RU OF SPACE.	FURMAN P=1800 PF R TRIPPLITE
AV-PSW-1	VIDEO PRODUCTION SWITCH, 1RU RACK MOUNT. PROVIDES CAPACITY FOR (4) SINGLE OR (2) DUAL-SLOT MODULES. DIMENSIONS: 19"(W) x 1.75"(H) x 16"(D). POWER: 110W @ 1.3A.	FOR REFERENCE ONLY. AV EQUIPMENT PROVIDED IN SEPARATE CONTRACT WITH OWNER.
		EVERTZ CHASSIS FRAME: 7801FR TRANSMITTER MODULE: 7707VT13-8+SC+1RU RECEIVER MODULE: 7707VR-8+SC+3RU
AV-RB1-W	RECESSED WALL BOX, 14.25"x14.25"x4". PROVIDE WITH CABLING CONNECTIONS AS SPECIFIED ON THE DRAWINGS, INTERNAL AC BRACKET, AND ROUGH-IN TO SUPPORT AV CABLING AND ELECTRICAL OUTLETS.	NO EXCEPTIONS WALL BOX: FSR PWB-320-ESK
	PROVIDE (1) 1.25" CONDUIT TO ABOCE ACCESSIBLE CEILING FOR AV CABLING, (1) 1" CONDUIT TO ABOVE ACCESSIBLE CEILING FOR DATA CABLING, AND (1) 0.75" CONDUIT FOR POWER.	AC BRACKET:
	PROVIDE SINGLE GANG BACKBOXES MOUNTED TO WALL BOX FOR TERMINATION OF CONDUITS AND MOUNTING OF COVERPLATES. CABLE COILS AND SURFACE MOUNT BOXES INSIDE OF WALL BOX WILL NOT BE ACCEPTED.	FSR PWB-320-AC2
	REFER TO 4/T400 AND 5/T400 FOR ADDITIONAL INFORMATION.	JACK: HUBBELL HXJ6 SERIES
		COVERPLATE: HUBBELL IFP SERIES
AV-RX-1	AV DIGITAL MEDIA RECEIVER, (4096 X 2160) RESOLUTION. CONNECTIONS: (1) DM RJ45 INPUT, (1) COM RS-232, (1) IR, (1) HDMI OUTPUT. FREQUENCY RESPONSE: 20 HZ -20 KHZ @ +0.5DB. POWER SUPPLY: INPUT: 100-240 VAC, 50-60 HZ OUTPUT: 24 VDC, 1.25A.	FOR REFERENCE ONLY. AV EQUIPMENT PROVIDED IN SEPARATE CONTRACT WITH OWNER.
		CRESTRON DM-RMC-4KZ-SCALER-C
AV-SP1-C	PERFORMANCE AUDIO SPEAKER, CEILING MOUNTED. SOUND REINFORCEMENT, HEMISPHERICAL DISPERSION, FULL RANGE TYPE WITH BASS REFLEX ENCLOSURE. 70V CONTINUOUS POWER HANDLING, SENSITIVITY: 90dB SPL @ 1W/1M, 70Hz-20kHz FREQUENCY RESPONSE. UNITS ARE DAISY CHAINED TOGETHER IN A 70V CONFIGURATION UNLESS OTHERWISE NOTED.	FOR REFERENCE ONLY. AV EQUIPMENT PROVIDED IN SEPARATE CONTRACT WITH OWNER.
		JBL CONTROL 26CT
AV-TP1-S	10" AV TOUCH PANEL, SURFACE MOUNT. UC ENGINE BRACKET ASSEMBLY FOR VIDEO CONFERENCING INTEGRATION KIT	NO EXCEPTIONS FOR REFERENCE ONLY. AV
	WITH LENOVO M920Q FOR ZOOM ROOMS SOFTWARE.	EQUIPMENT PROVIDED IN SEPARATE CONTRACT WITH OWNER. CRESTRON
		FLEX UC-C100-Z-L NO EXCEPTIONS
AV-TX-1	AV DIGITAL MEDIA TRANSMITTER, (4096 X 2160) RESOLUTION. CONNECTIONS: (1) DM RJ45 OUTPUT, (1) HDMI INPUT. FREQUENCY RESPONSE: 20 HZ - 20 KHZ @ +0.5DB. POWER SUPPLY: INPUT: 100-240 VAC, 50-60 HZ OUTPUT: 24 VDC, 1.25A.	FOR REFERENCE ONLY. AV EQUIPMENT PROVIDED IN SEPARATE CONTRACT WITH OWNER.
AV-WPS-1	WIRELESS PRESENTATION SYSTEM, 1920X1200 RESOLUTION, FRAME RATE: UP TO 30 fps, FREQUENCY BAND: 2.4GHZ-	CRESTRON DM-TX-4KZ-302-C FOR REFERENCE ONLY. AV
	5GHZ, TEMPERATURE RANGE: 0°C to +40°C, INPUTS: (1) HDMI, (2)USB, OUTPUTS: (1) ANALOG AUDIO VIA HDMI, POWER CONSUMPTION: 18W. DIMENSION: 8.1"X4.5"X1.8". WEIGHT: 1.32lbs. PROVIDE (2) BUTTONS AND TRAY AT EACH DISPLAY LOCATION. LABEL EACH BUTTON WITH ROOM NUMBER.	EQUIPMENT PROVIDED IN SEPARATE CONTRACT WITH OWNER.
		BARCO CLICKSHARE BASE UNIT AND (2) BUTTONS CX-30 BUTTON TRAY:
		R9861500T01
IC-IM1-W	INTERCOM VIDEO PHONE MASTER STATION. SUPPLIED WITH SELECTIVE DOOR RELEASE RELAY (AIPHONE RY-3DL) FOR DOOR RELEASE AND POWER SUPPLY (AIPHONE PS-182OUL). HANDS FREE AUDIO COMMUNICATION, WALL MOUNT, ONE BUTTON ACCESS TO EACH DOOR STATION.	AIPHONE JFS-2MED
	DISABLE AUTO-RECORDING FUNCTION. ROUGH IN WITH (1) 1" CONDUIT TO 4" SQUARE BACK BOX WITH SINGLE GANG PLASTER RING. REFER TO 4/T501 FOR	
IC-IS1-W	CABLING REQUIREMENTS. VIDEO PHONE INTERCOM DOOR STATION. RECESSED, VANDAL PROOF, CORROSION RESISTANT HOUSING, STAINLESS STEEL FACEPLATE, 99dB ENVIRONMENTALLY SEALED SPEAKER DRIVER, 400-4000 Hz FREQUENCY RESPONSE. FULL DUPLEX TWO WAY COMMUNICATION.	AIPHONE JF-DVF
	ROUGH IN WITH (1) 1" CONDUIT TO 4" SQUARE BACK BOX WITH SINGLE GANG PLASTER RING. MOUNT AT +48" AFF. CABLE STATION FROM BACK BOX TO INTERCOM MASTER STATION.	AXIS
IC-IS2-W	WINDOW TALK-THROUGH UNIT, COUNTER MOUNT. INSTALL INSIDE UNIT AND OUTSIDE UNIT BACK-TO-BACK. CONCEAL CABLE BETWEEN UNITS AND SECURE OUTSIDE UNIT TO COUNTER.	NORCON TTU-3X
SC-CT-1	CABLE TRAY, WIRE MESH TYPE, 12" LOADING DEPTH, 4" WIDTH, COMPLETE WITH ALL FITTINGS AND MOUNTING	NO EXCEPTIONS WBT
	HARDWARE. PROVIDE TRAPEZE SUPPORT WITH PLASTIC RETAINER. CUTTING OF THE MESH CABLE TRAY SHALL BE DONE WITH OFFSET BOLT CUTTERS ONLY. 10' MAXIMUM SUPPORT SPAN. EITHER SPLICE WASHERS OR TERMINAL GROUND SUPPORT AND JUMPER WIRE SHALL BE USED TO ATTAIN GROUNDING CONTINUITY THROUGHOUT.	WBT12X4 CABOLFIL
	Z-BRACKETS SHALL BE USED FOR WALL MOUNTED APPLICATIONS. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS AND SPECIFICATION SECTION 27 05 28 FOR ADDITIONAL INFORMATION.	B-LINE CHATSWORTH
SC-ER-1	STANDARD 19" EQUIPMENT RACK, 84"H X 19"W X 15"D, FEATURING PASS-THRU HOLES ON FRONT AND SIDES FOR CABLE MANAGEMENT (HUBBELL VS76H), DURABLE BLACK POWDER COAT FINISH, MEETS EIA-310-E REQUIREMENT AND PROVIDES (45) 19" X 1.75" MOUNTING SPACES.	HUBBELL HPW84RR19
	PROVIDE WITH TOP CENTER WATERFALL, TOP CHANNEL PATHWAY FOR LADDER RACK, AND ANY ADDITIONAL HARDWARE FOR COMPLETE INSTALLATION. REFER TO SPECIFICATIONS SECTION 27 11 00 FOR ADDITIONAL INFORMATION.	NO EXCEPTIONS
SC-FDC-1	RAILS TO FACILITATE FRONT ACCESS, JUMPER TROUGHS IN CONNECTOR PANELS TO REDUCE MOUNTING SPACE. REQUIRES (1) 19" X 1.75" RACK MOUNTING SPACES.	HUBBELL FCR1U3SP
SC-GND-1	PROVIDE WITH CLAMP AND GROUNDING KIT, COUPLING PANEL(S), JUMPERS, AND REAR MOUNTED CLOSET HOUSING PANEL(S). REFER TO SPECIFICATIONS SECTION 27 11 00 FOR ADDITIONAL INFORMATION. GROUNDING BUSBAR, WALL MOUNT. 4" H X 12" L X 1/4" D COPPER, ELECTRICALLY ISOLATED BY INSULATORS INTEGRAL	CORNING CHATSWORTH
OU-UND-T	TO MOUNTING BUSBAR, WALL MOUNT. 4" H X 12" L X 1/4" D COPPER, ELECTRICALLY ISOLATED BY INSULATORS INTEGRAL TO MOUNTING BRACKETS. COPPER GROUND BAR IS 1/4" THICK AND STAND OFF 2.75" FROM WALL. THE 12" BUSBAR PROVIDES CONNECTION FOR EIGHTEEN (18) 2-HOLE COMPRESSION LUGS RESPECTIVELY WITH 5/8" OR 1" CENTERS. ANSI/TIA-607 AND BICSI COMPLIANT. UL LISTED.	40153-012 PANDUIT
SC-GND-2	REFER TO GROUND BAR DETAIL ON T400# AND SPECIFICATION SECTION 27 11 00 FOR ADDITIONAL INFORMATION. 19" RACK-MOUNT HORIZONTAL GROUND BAR. (3/16" x 3/4" X 19") PROVIES CONNECTION FOR (10) 2-HOLE COMPRESSION	ERICO HARGER CHATSWORTH
30 OND-2	LUGS RESPECTIVELY WITH 5/8" OR 1" CENTERS. ANSI/TIA-607 AND BICSI COMPLIANT. UL LISTED. REFER TO SPECIFICATION SECTION 27 11 00 FOR ADDITIONAL INFORMATION.	10610-019 NEWTON
SC-HWM-1	HORIZONTAL WIRE MANAGEMENT, 3" X 3" RIGID FRONT FINGERS WITH FLEXIBLE RETENTION TABS, 2" X 5" FLEXIBLE	PANDUIT ERICO HUBBELL
	REAR FINGERS. REMOVABLE FRONT COVER HINGES 180 UP OR DOWN. INTEGRAL BEND RADIUS CONTROL. PASS THROUGH HOLES ALLOW FRONT TO REAR CABLING. REQUIRES (2) 1.75" MOUNTING SPACES.	HC219CE1N NO EXCEPTIONS
SC-IO-C	INFORMATION OUTLET, CEILING MOUNT. REFER TO INFORMATION OUTLET SCHEDULE FOR PIN CONFIGURATION. "#" INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION AS INDICATED ON THE PLANS.	HUBBELL COVER PLATE: FCXX SERIES
	INSTALL INFORMATION OUTLET IN A 2-PORT SURFACE MOUNT BOX WITH SLACK LOOP SUPPORTED BY J-HOOK. REFER TO 2/T401# FOR ADDITIONAL INFORMATION.	
		HJ6A SERIES

TECHNOLOGY EQUIPMENT SCHEDULE

THE EQUIPMENT LIST ABBREVIATIONS AND THE TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING

CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.

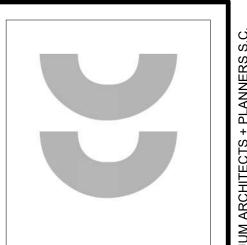
EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	MANUFACTURER MODEL					
SC-IO-W	INFORMATION OUTLET, WALL MOUNT. COVERPLATE AS INDICATED ON DRAWINGS AND INFORMATION OUTLET SCHEDULE. REFER TO INFORMATION OUTLET SCHEDULE FOR PIN CONFIGURATION.						
	" # "INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION AS INDICATED ON THE DRAWINGS.	IFP SERIES					
	" W " PROVIDE (1) RJ-45 JACK FOR VOICE AT +48" AFF FOR WALL HUNG PHONE. PROVIDE WITH STAINLESS STEEL FACEPLATE, MATING LUGS.	JACK: (CAT6) HXJ6 SERIES					
	INSTALL INFORMATION OUTLET IN A 4" SQUARE BACKBOX WITH A SINGLE GANG PLASTER RING. INSTALL A 1" EMT CONDUIT TO NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED. PROVIDE REMOVABLE BLANK INSERTS FOR UNUSED PORTS. REFER TO 1/T401# AND SPECIFICATION SECTION 27 15 00 FOR ADDITIONAL INFORMATION.	NO EXCEPTIONS					
SC-LR-1	LADDER RACK, (12"W x 1.5"H x 9.71'L) TUBULAR STEEL CONSTRUCTION. RUST RESISTANT ENAMEL FINISH. REMOVE SHARP BURRS FROM LADDER RACK AND REPAINT ALL AREAS THAT HAVE BEEN FIELD MODIFIED, CUT, OR EXPOSED. UL LISTED.	CHATSWORTH LADDER RACK: 11275-712					
	PROVIDE WITH ALL NECESSARY MOUNTING BRACKETS, RACK ELEVATION KITS, AND (2) CABLE RADIUS DROPS PER RACK.	RACK ELEVATION KIT 10506-706					
		CABLE RADIUS DROP 12100-712					
SC-MPP-1	MODULAR PATCH PANEL, 48 MODULAR RJ-45 TERMINATIONS, MOUNTS DIRECTLY TO EIA/TIA STANDARD 19" RELAY RACK, PORT IDENTIFICATION NUMBERS, PROVIDED WITH COLOR CODING AND LABEL HOLDER KITS, U.L. LISTED. REQUIRES (2) 1.75" MOUNTING SPACES.	HUBBELL CAT 6: HP648 CAT6A: HP6A 48 UNLOADED: NSPJ48					
		NO EXCEPTIONS					
SC-PS-1	POWER STRIP, HORIZONTALL MOUNTS IN A STANDARD 19" RACK. (10) NEMA 5-15R REAR RECEPTACLES, 120VAC/60Hz, 10' POWER CORD. 15A THERMAL BREAKER, UL LISTED. REQUIRES (1) 1.75" MOUNTING SPACE.	GEIST BR100-10					
SC-RI-W	TECHNOLOGY ROUGH-IN, INSTALL A 4" SQUARE BACKBOX WITH A SINGLE GANG PLASTER RING. INSTALL A 1.25" EMT CONDUIT TO NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED. TERMINATE WITH NYLON BUSHING.						
SC-TTB	TELECOMMUNICATIONS TERMINAL BOARD, 4'X8'X3/4" A-C GRADE FIRE-RATED PLYWOOD. EXPOSED SIDE SHALL BE SMOOTH. MOUNT VERTICALLY WITH TOP OF PLYWOOD AT 8'-6" AFF. IN THE EVENT THE MANUFACTURER'S RATING STAMP IS NOT VISIBLE ON THE SMOOTH SIDE, THE CONTRACTOR SHALL PROVIDE A LAMINATED LETTER FROM THE MANUFACTURER OR SUPPLIER CERTIFYING THAT THE PLYWOOD IS FIRE-RATED AND ATTACH THE LETTER WITH A PICTURE OF THE RATING STAMP, TO THE PLYWOOD. FIRE RATED PLYWOOD SHALL NOT BE PAINTED OR TREATED WITH ANY TYPE OF SEALANT THAT WOULD LESSEN THE INTEGRITY OF THE FIRE RATING.						
SC-VWM-1		HUBBELL VS76H					
		NO EXCEPTIONS					
SM-AMP-1	4-CHANNEL POWER AMPLIFIER. DIRECT CONSTANT VOLTAGE (70V/100V) 300 WATTS PER CHANNEL, (140V/200V), LOW IMPENDENCE (2/4/8 OHM) 300 WATTS PER CHANNEL OR 600 WATTS BRIDGED. FULL RATED POWER OPERATION AT 0.35% THD, 2-OHM STABLE. FREQUENCY RESPONSE OF 20HZ - 20KHZ (+/25DB). SNR GREATER THAN 108 DB. CONTINUOUSLY VARIABLE SPEED, FRONT TO BACK FORCED AIR FLOW. WEIGHTS 20.1 LBS, REQUIRES 2RU OF RACK SPACE.	CROWN DCI 4-300 QSC LAB.GRUPPEN					
SM-ATN-1		ATLAS E408-100					
SM-CAB-1	SEPARATELY, LOUVERED SIDES, 19" PANEL MOUNTING, UNIVERSAL MOUNTING RAILS, KNOCKOUTS IN TOP AND BOTTOM						
	VERIFY MANUFACTURER WALL MOUNTING AND BLOCKING REQUIREMENTS COORDINATE WITH E.C. FOR QUAD 20A/120V AC POWER OUTLET MOUNTED INSIDE EQUIPMENT RACK COORDINATE CONDUIT ENTRANCES INTO BACKPAN.						
SM-GEN-1	SOUND MASKING GENERATOR. 2 INPUT, 4 OUTPUT PINK NOISE GENERATOR. RS-232 AND USB CONTROL. OUTPUT POWER +22dBM BALANCED AND +18dBM UNBALANCED. 20Hz-20KHz FREQUENCY RESPONSE. PROVIDE WITH POWER SOURCE AND LATEST MANUFACTURER'S VERSION.	ATLAS ASP-MG24TDB					
	PROVIDE WITH SCHEDULING CARD.						
SM-PLT-1	ATTENUATOR RACK PLATE. 2 RU METAL PLATE PRE-PUNCHED FOR SIX PRECISION ATTENUATORS.	ATLAS ATPLATE-052					
SM-SM1-C	8 INCH SOUND MASKING LOUDSPEAKER. PRE-ASSEMBLED UNIT CONTAINS LOUDSPEAKER, TRANSFORMER, ENCLOSURE, BAFFLE, AND MOUNTING HARDWARE. 100Hz TO 10KHz FREQUENCY RESPONSE, 94dB AVERAGE SENSITIVITY. 70V POWER TAPS OF 0.25, 0.5, 1, 2, AND 4 WATTS. PROVIDE IN BLACK.						
	REFER TO 5/T401 FOR MOUNTING AND INSTALLATION DETAILS. SPEAKERS SHALL FIRE UP.	SURGEX					
SM-SRGX	SURGE PROTECTOR: COMPACT SURGE PROTECTION. UNIT IS 8 AMP LOAD CAPABLE AND HOUSED IN A HALF RACK ENCLOSURE (1.75" H x 5.31" W x 9.06" D) WEIGHING 3.4 LBS. UNIT FEATURES BOTH COMMON MODE AND NORMAL MODE IMPEDANCE TOLERANT EMI/RFI FILTERING.						
	MOUNT INSIDE SOUND MASKING EQUIPMENT RACK WITH NO UNSECURED PLUG LOCATION. COORDINATE FINAL LOCATED FOR AC POWER FEED WITH ELECTRICAL CONTRACTOR.						
VS-CM-1	FIXED SINGLE VARIFOCAL LENS, INTERIOR IP CAMERA. CEILING MOUNTED. 5 MEGAPIXEL.	CAMERA: AXIS					
	FEATURES: WIDE DYNAMIC RANGE, IR ILLUMINATION. VIDEO COMPRESSION: H.264, H.265, MOTION JPEG; IK10 IMPACT-RESISTANT CASING WITH HARD-COATED DOME; POWER: TYPICAL 6.4W, MAX 10.7W; OPERATING CONDITIONS: 0-50 DEG C.; INCLUDES VANDAL RESISTANT SCREWS. CAMERA COLOR: WHITE.						
	INFORMATION OUTLET FOR CAMERA SHALL BE TERMINATED IN AN RJ-45 PLUG. REFER TO THE INFORMATION OUTLET SCHEDULE FOR ADDITIONAL INFORMATION PIN CONFIGURATION.	MODULAR PLUG (CAT6)					
		HXJ6 SERIES					
		OR PRE-APPROVED E					

CONTROLLED SECURITY SCHEME (CSS) TYPE SCHEDULE (NORTH)

ELECTRONIC DOOR HARDWARE SUCH AS ELECTRIC STRIKES, ELECTRIC LATCH RETRACTION, ETC. SHALL BE PROVIDED AND INSTALLED BY DOOR HARDWARE PROVIDER. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE ON TN600 FOR CREDENTIAL READER TYPE INFORMATION.

2. REFER TO SPECIFICATIONS SECTION 08 71 00 FOR DOOR HARDWARE SETS AS IT RELATES TO THIS SCHEDULE.

		1	DENTIAL EADER	INTEGRATION						REQUEST TO EXIT			DOOR HARDWARE			OTHER (REFER TO NOTES)				
# # # # # # # # # # # # # # # # # # #	ROUGH-IN ONLY	CREDENTIAL READER TYPE	MULTIPLE CREDENTIAL READERS OPERATES SINGLE DOOR	AUTOMATIC DOOR OPERATOR	LOCKED BY EMERGENCY DURESS SEQUENCE	REMOTE UNLOCK VIA INTERCOM MASTER	REMOTE UNLOCK VIA PUSHBUTTON	INTRUSION DETECTION	REMOTE UNLOCK VIA FIRE COMMAND CENTER	VIDEO SURVEILLANCE	INTERNAL ELECTRIFIED HARDWARE CONNECTION	LOCAL PUSHBUTTON DOOR HARDWARE OVERRIDE	MOTION DETECTOR	ELECTRONIC LOCKING HARDWARE (BY OTHERS)	MAG LOCK	MONITOR DOOR POSITION SWITCH SPDT	MONITOR DOOR POSITION SWITCH DPDT	LOCAL 120VAC POWER SUPPLY	SCHEDULE BASED LOCKING	NOTES
A01		CR2		•									•	•		•			•	
A03		CR1											•	•		•				
A12		CR1											•	•		•				
CC01		CR1		•									•	•		•			•	
CC03		CR1				•							•	•		•				
CL01		CR2		•									•	•		•			•	
CL03		CR1											•	•		•				
CL06		CR1											•	•		•				
CL07 CL10		CR1											•	•		•				
OIM01		CR1		•									•			•			•	
OIM03A		CR1											•	•		•			_	
SBC05A		CR1		•									•	•		•				
SBR05A		CR1											•	•		•				
SBR05B		CR1											•	•		•				
SCR01B		CR1											•	•		•				
SIT03		CR1												•						
T01		CR2		•									•	•		•			•	
T02		CR1		•		•							•	•		•				
T02B		CR1		•		•							•	•		•				
T03A		CR1											•	•		•				
T04A		CR1											•	•		•				
T09	I	CR1											•	•		•		1		1



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CALE VARIES

ROJECT 210101

IT PLAN REVIEW

TYPE

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