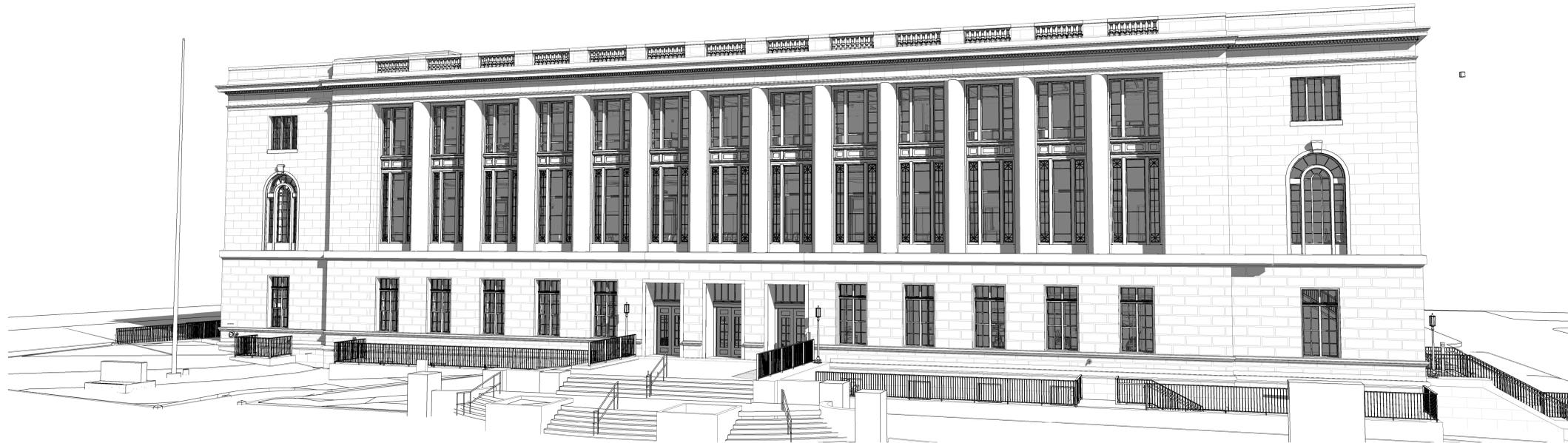


BID ISSUE
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Madison Municipal Building Renovation

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NUMBER	SHEET NAME
EXHIBIT A - GENERAL	
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G001	SHEET INDEX
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3	1920s LEVEL ONE PLAN
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A101	LEVEL ONE PLAN
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A103	LEVEL THREE PLAN
A104	ROOF ATTIC PLAN
A105	ROOF PLAN
A110	REFLECTED CEILING REFERENCE PLANS
A120	GROUND LEVEL REFLECTED CEILING PLAN
A121	GROUND LEVEL REFLECTED CEILING COORDINATION
A122	LEVEL ONE REFLECTED CEILING PLAN
A123	LEVEL ONE REFLECTED CEILING COORDINATION
A124	LEVEL TWO REFLECTED CEILING PLAN
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A153	TOILET ROOM PLANS AND ELEVATIONS
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A192	ENLARGED PLANS AND ELEVATIONS - LEVEL 1 LOBBY
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A502	ENLARGED PLANS & INTERIOR ELEVATIONS - GROUND LEVEL
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A505	INTERIOR ELEVATIONS - LEVEL 1
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A508	ENLARGED PLANS & INTERIOR ELEVATIONS - LEVEL 1
A509	ENLARGED PLANS & INTERIOR ELEVATIONS - LEVEL 1
A510	ENLARGED PLANS & INTERIOR ELEVATIONS - LEVEL 1
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A513	ENLARGED PLANS & INTERIOR ELEVATIONS - LEVEL 2
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A612	INTERIOR GLASS PARTITIONS
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A615	INTERIOR GLASS PARTITIONS
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A701	LEVEL ONE FINISH PLAN
A702	LEVEL TWO FINISH PLAN
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A801	MILLWORK PLANS - LEVEL 1
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A804	MILLWORK PLANS AND DETAILS
A805	MILLWORK PLANS AND DETAILS
A806	MILLWORK PLANS AND DETAILS
A807	MILLWORK PLANS AND DETAILS
A851	MILLWORK SECTIONS
A852	MILLWORK SECTIONS
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BE004	MASONRY ELEVATIONS
BE005	MASONRY ELEVATIONS
BE006	MASONRY ELEVATIONS
BE007	MASONRY ELEVATIONS
BE008	MASONRY ELEVATIONS
BE009	MASONRY ELEVATIONS
BE010	MASONRY ELEVATIONS
BE011	MASONRY ELEVATIONS
BE012	MASONRY ELEVATIONS
BE013	MASONRY ELEVATIONS
BE014	MASONRY ELEVATIONS
BE015	MASONRY ELEVATIONS
BE016	MASONRY ELEVATIONS
BE017	MASONRY ELEVATIONS
BE018	MASONRY ELEVATIONS
BE019	MASONRY ELEVATIONS
BE020	MASONRY ELEVATIONS
BE021	MASONRY ELEVATIONS
BE022	MASONRY ELEVATIONS
BE023	MASONRY ELEVATIONS
BE300	WALL SECTION AND ENLARGED DETAILS
BE300.1	WALL SECTION AND ENLARGED DETAILS
BE300.2	NOT USED
BE300.3	PLAN SECTIONS @ WINDOW TYPES
BE302	WALL SECTION AND ENLARGED DETAILS
BE302.1	WALL SECTION AND ENLARGED DETAILS
BE302.2	WALL SECTION AND ENLARGED DETAILS
BE302.3	PLAN SECTIONS @ WINDOW TYPES
BE304	WALL SECTION AND ENLARGED DETAILS
BE304.1	WALL SECTION AND ENLARGED DETAILS
BE304.2	WALL SECTION AND ENLARGED DETAILS
BE304.3	PLAN SECTIONS @ WINDOW TYPES
BE306	WALL SECTION AND ENLARGED DETAILS
BE306.1	WALL SECTION AND ENLARGED DETAILS
BE306.2	WALL SECTION AND ENLARGED DETAILS
BE306.3	PLAN SECTIONS @ WINDOW TYPES
BE308	WALL SECTION AND ENLARGED DETAILS
BE308.1	WALL SECTION AND ENLARGED DETAILS
BE308.2	WALL SECTION AND ENLARGED DETAILS
BE308.3	PLAN SECTIONS @ WINDOW TYPES
BE310	WALL SECTION AND ENLARGED DETAILS
BE310.1	WALL SECTION AND ENLARGED DETAILS
BE310.2	WALL SECTION AND ENLARGED DETAILS
BE310.3	PLAN SECTIONS @ WINDOW TYPES
BE312	WALL SECTION AND ENLARGED DETAILS
BE312.1	WALL SECTION AND ENLARGED DETAILS
BE314	WALL SECTION AND ENLARGED DETAILS
BE314.1	WALL SECTION AND ENLARGED DETAILS
BE314.2	WALL SECTION AND ENLARGED DETAILS
BE314.3	PLAN SECTIONS @ WINDOW TYPES
BE316	WALL SECTION AND ENLARGED DETAILS
BE316.1	WALL SECTION AND ENLARGED DETAILS
BE318	WALL SECTION AND ENLARGED DETAILS
BE318.1	WALL SECTION AND ENLARGED DETAILS
BE320	WALL SECTION AND ENLARGED DETAILS
BE320.1	WALL SECTION AND ENLARGED DETAILS

NUMBER	SHEET NAME
WALL SECTION AND ENLARGED DETAILS	
BE320.2	WALL SECTION AND ENLARGED DETAILS
BE320.3	PLAN SECTIONS @ WINDOW TYPES
BE322	WALL SECTION AND ENLARGED DETAILS
M100	GROUND LEVEL MECHANICAL DEMOLITION PLAN
M101	LEVEL ONE MECHANICAL DUCTWORK PLAN
M102	LEVEL TWO MECHANICAL DUCTWORK PLAN
M103	LEVEL THREE MECHANICAL DUCTWORK PLAN
M104	ROOF ATTIC MECHANICAL DUCTWORK PLAN
M105	ROOF MECHANICAL DUCTWORK PLAN
M200	GROUND LEVEL MECHANICAL HYDRONIC PLAN
M201	LEVEL ONE MECHANICAL HYDRONIC PLAN
M202	LEVEL TWO MECHANICAL HYDRONIC PLAN
M203	LEVEL THREE MECHANICAL HYDRONIC PLAN
M204	ROOF ATTIC MECHANICAL HYDRONIC PLAN
M205	ROOF MECHANICAL HYDRONIC PLAN
M400	ENLARGED GROUND LEVEL MECHANICAL ROOM PLAN
M401	GROUND LEVEL MECHANICAL ROOM ELEVATIONS
M402	GROUND LEVEL MECHANICAL ROOM ELEVATIONS
M403	GROUND LEVEL CHILLER ROOM ELEVATIONS
M410	ENLARGED LEVEL THREE EAST MECHANICAL ROOM PLAN
M411	LEVEL THREE EAST MECHANICAL ROOM ELEVATIONS
M412	LEVEL THREE EAST MECHANICAL ROOM ELEVATIONS
M420	ENLARGED LEVEL THREE WEST MECHANICAL ROOM PLAN
M421	LEVEL THREE WEST MECHANICAL ROOM ELEVATIONS
M450	MECHANICAL DETAILS
M451	MECHANICAL DETAILS
M452	MECHANICAL DETAILS
M500	MECHANICAL CONTROL DIAGRAMS
M501	MECHANICAL CONTROL DIAGRAMS
M502	MECHANICAL CONTROL DIAGRAMS
M600	MECHANICAL SCHEDULES
M601	MECHANICAL SCHEDULES
M602	MECHANICAL SCHEDULES
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P000	PLUMBING TITLE SHEET
PD100	BELOW GRADE PLUMBING DEMOLITION PLAN
PD100A	GROUND LEVEL PLUMBING DEMOLITION PLAN
PD101	LEVEL ONE PLUMBING DEMOLITION PLAN
PD102	LEVEL TWO PLUMBING DEMOLITION PLAN
PD103	LEVEL THREE PLUMBING DEMOLITION PLAN
PD104	ROOF ATTIC PLUMBING DEMOLITION PLAN
PD105	ROOF PLUMBING DEMOLITION PLAN
PD200	PLUMBING DEMOLITION PHOTOS
P100	BELOW GRADE PLUMBING PLAN
P100A	GROUND LEVEL PLUMBING PLAN
P101	LEVEL ONE PLUMBING PLAN
P102	LEVEL TWO PLUMBING PLAN
P103	LEVEL THREE PLUMBING PLAN
P104	ROOF ATTIC LEVEL PLUMBING PLAN
P105	ROOF PLUMBING PLAN
P200	SANITARY PLUMBING ISOMETRIC
P200A	SANITARY PLUMBING ISOMETRIC
P201	SANITARY PLUMBING ISOMETRIC
P201A	SANITARY PLUMBING ISOMETRIC
P202	WATER PLUMBING ISOMETRIC
P202A	WATER PLUMBING ISOMETRIC
P203	WATER PLUMBING ISOMETRIC
P204	STORM PLUMBING ISOMETRIC
P400	ENLARGED PLUMBING PLANS
P410	PLUMBING DETAILS
P600	PLUMBING SCHEDULES
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FP100	GROUND LEVEL FIRE PROTECTION AND DETAILS
FP101	LEVEL 1 FIRE PROTECTION AND DETAILS
FP102	LEVEL 2 FIRE PROTECTION AND DETAILS
FP103	LEVEL 3 FIRE PROTECTION AND DETAILS
FP104	FIRE PROTECTION DETAILS
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AL001	SITE LIGHTING PLAN
AL100	GROUND LEVEL ARCHITECTURAL LIGHTING PLAN
AL101	LEVEL ONE ARCHITECTURAL LIGHTING PLAN
AL102	LEVEL TWO ARCHITECTURAL LIGHTING PLAN
AL103	LEVEL THREE ARCHITECTURAL LIGHTING PLAN
AL104	LIGHTING SCHEDULES
AL105	STAIR AND ELEVATOR DETAILS
AL106	HISTORIC LIGHTING DETAILS
AL107	LIGHTING DETAILS
E000	ELECTRICAL TITLE SHEET
E001	RACEWAY USE PLANS
ED100	GROUND LEVEL DEMOLITION PLAN
ED101	LEVEL ONE DEMOLITION PLAN
ED102	LEVEL TWO DEMOLITION PLAN
ED103	LEVEL THREE DEMOLITION PLAN
ED105	ROOF LEVEL DEMOLITION PLAN
E100	GROUND LEVEL LIGHTING PLAN
E101	LEVEL ONE LIGHTING PLAN
E102	LEVEL TWO LIGHTING PLAN
E103	LEVEL THREE LIGHTING PLAN
E105	ROOF LIGHTING PLAN
E106	SITE LIGHTING PLAN
E200	GROUND LEVEL POWER PLAN
E201	LEVEL ONE POWER PLAN
E202	LEVEL TWO POWER PLAN
E203	LEVEL THREE POWER PLAN
E205	ROOF POWER PLAN
E300	GROUND LEVEL FIRE ALARM PLAN
E301	LEVEL ONE FIRE ALARM PLAN
E302	LEVEL TWO FIRE ALARM PLAN
E303	LEVEL THREE FIRE ALARM PLAN
E305	ROOF FIRE ALARM PLAN
E400	SCHEDULES
E401	SCHEDULES
E402	SCHEDULES
E403	SCHEDULES
E500	ELECTRICAL ONE-LINE DIAGRAM
E501	DETAILS
E502	DETAILS
EXHIBIT M - TECHNOLOGY	
T000	TECHNOLOGY COVER SHEET

NUMBER	SHEET NAME
MECHANICAL DEMOLITION PLAN	
MD104	ROOF ATTIC MECHANICAL DEMOLITION PLAN
MD105	ROOF MECHANICAL DEMOLITION PLAN
MD200	MECHANICAL DEMOLITION PHOTOS
M100	GROUND LEVEL MECHANICAL DUCTWORK PLAN
M101	LEVEL ONE MECHANICAL DUCTWORK PLAN
M102	LEVEL TWO MECHANICAL DUCTWORK PLAN
BE324.1	WALL SECTION AND ENLARGED DETAILS
BE324.2	WALL SECTION AND ENLARGED DETAILS
BE324.3	PLAN SECTIONS @ WINDOW TYPES
BE326	WALL SECTION AND ENLARGED DETAILS
BE326.1	WALL SECTION AND ENLARGED DETAILS
BE326.2	WALL SECTION AND ENLARGED DETAILS
BE326.3	PLAN SECTIONS @ WINDOW TYPES
BE328	WALL SECTION AND ENLARGED DETAILS
BE328.1	WALL SECTION AND ENLARGED DETAILS
BE328.2	WALL SECTION AND ENLARGED DETAILS
BE328.3	WALL SECTION AND ENLARGED DETAILS
BE330	WALL SECTION AND ENLARGED DETAILS
BE332	WALL SECTION AND ENLARGED DETAILS
BE332.1	WALL SECTION AND ENLARGED DETAILS
BE332.2	WALL SECTION AND ENLARGED DETAILS
BE332.3	PLAN SECTIONS @ WINDOW TYPES
BE334	WALL SECTION AND ENLARGED DETAILS
BE336	WALL SECTION AND ENLARGED DETAILS
BE336.1	WALL SECTION AND ENLARGED DETAILS
BE336.3	PLAN SECTIONS @ WINDOW TYPES
BE338	WALL SECTION AND ENLARGED DETAILS
BE338.1	WALL SECTION AND ENLARGED DETAILS
BE338.2	WALL SECTION AND ENLARGED DETAILS
BE338.3	PLAN SECTIONS @ WINDOW TYPES
BE340	WALL SECTION AND ENLARGED DETAILS
BE340.1	WALL SECTION AND ENLARGED DETAILS
BE340.2	WALL SECTION AND ENLARGED DETAILS
BE340.3	PLAN SECTIONS @ WINDOW TYPES
BE340.4	ENLARGED LINTEL DETAILS
BE340.5	ENLARGED LINTEL DETAILS
BE341	WALL SECTION AND ENLARGED DETAILS
BE341.1	WALL SECTION AND ENLARGED DETAILS
BE341.2	WALL SECTION AND ENLARGED DETAILS
BE341.3	PLAN SECTIONS @ WINDOW TYPES
BE341.4	ENLARGED LINTEL DETAILS
BE341.5	ENLARGED LINTEL DETAILS
BE342	WALL SECTION AND ENLARGED DETAILS
BE342.1	WALL SECTION AND ENLARGED DETAILS
BE342.2	WALL SECTION AND ENLARGED DETAILS
BE342.3	PLAN SECTIONS @ WINDOW TYPES
BE342.4	ENLARGED LINTEL DETAILS
BE344	WALL SECTION AND ENLARGED DETAILS
BE344.1	WALL SECTION AND ENLARGED DETAILS
BE344.2	NOT USED
BE344.3	PLAN SECTIONS @ WINDOW TYPES
BE344.4	NOT USED
BE346	WALL SECTION AND ENLARGED DETAILS
BE346.1	WALL SECTION AND ENLARGED DETAILS
BE346.2	WALL SECTION AND ENLARGED DETAILS
BE346.3	PLAN SECTIONS @ WINDOW TYPES
BE346.4	ENLARGED LINTEL DETAILS
BE346.5	ENLARGED LINTEL DETAILS
BE348	WALL SECTION AND ENLARGED DETAILS
BE348.1	WALL SECTION AND ENLARGED DETAILS
BE348.2	WALL SECTION AND ENLARGED DETAILS
BE348.3	PLAN SECTIONS @ WINDOW TYPES
BE348.4	WALL SECTION AND ENLARGED DETAILS
BE350	NOT USED
BE350.1	NOT USED
BE350.2	NOT USED
BE350.3	PLAN SECTIONS @ WINDOW TYPES
BE350.4	ENLARGED LINTEL DETAILS
BE351	WALL SECTION AND ENLARGED DETAILS
BE351.1	NOT USED

DEFINITIONS OF WORK DESCRIPTIONS AND DRAWINGS

ALTERATION: ANY ACT OR PROCESS THAT CHANGES ONE OR MORE OF THE ARCHITECTURAL FEATURES OF A STRUCTURE. ANY CONSTRUCTION OR RENOVATION TO AN EXISTING STRUCTURE OTHER THAN REPAIR OR ADDITION.

COMPATIBLE: IN HARMONY WITH LOCATION AND SURROUNDINGS.

COORDINATION DRAWINGS: A COMPILED OF THE PERTINENT LAYOUT AND SYSTEM DRAWINGS THAT SHOW THE SIZES AND LOCATIONS, INCLUDING ELEVATIONS, OF SYSTEM COMPONENTS AND REQUIRED ACCESS AREAS TO ENSURE THAT NO TWO OBJECTS WILL OCCUPY THE SAME SPACE

A. MECHANICAL TRADES SHALL INCLUDE, BUT ARE NOT LIMITED TO, MECHANICAL EQUIPMENT, DUCTWORK, FIRE PROTECTION SYSTEMS, PLUMBING PIPING, MEDICAL GAS SYSTEMS, HYDRONIC PIPING, STEAM AND STEAM CONDENSATE PIPING, AND ANY ITEM THAT MAY IMPACT COORDINATION WITH OTHER DISCIPLINES.

B. ELECTRICAL TRADES SHALL INCLUDE, BUT ARE NOT LIMITED TO, ELECTRICAL EQUIPMENT, CONDUIT 1.5" AND LARGER, CONDUIT RACKS, CABLE TRAYS, PULL BOXES, TRANSFORMERS, RACEWAY, BUSWAY, LIGHTING, CEILING-MOUNTED DEVICES, AND ANY ITEM THAT MAY IMPACT COORDINATION WITH OTHER DISCIPLINES.

C. TECHNOLOGY TRADES SHALL INCLUDE, BUT ARE NOT LIMITED TO, TECHNOLOGY EQUIPMENT, RACKS, CONDUIT 1.5" AND LARGER, CONDUIT RACKS, CABLE TRAYS, LADDER RACK, PULL BOXES, RACEWAY, CEILING-MOUNTED DEVICES, AND ANY ITEM THAT MAY IMPACT COORDINATION WITH OTHER DISCIPLINES.

D. MAINTENANCE CLEARANCES AND CODE-REQUIRED DEDICATED SPACE SHALL BE INCLUDED.

E. THE COORDINATION DRAWINGS SHALL INCLUDE ALL UNDERGROUND, UNDERFLOOR, IN-FLOOR, IN CHASE, AND VERTICAL TRADE ITEMS.

THE CONTRACTORS SHALL USE THE COORDINATION PROCESS TO IDENTIFY THE PROPER SEQUENCE OF INSTALLATION OF ALL UTILITIES ABOVE CEILINGS AND IN OTHER CONGESTED AREAS, TO ENSURE AN ORDERLY AND COORDINATED END RESULT, AND TO PROVIDE ADEQUATE ACCESS FOR SERVICE AND MAINTENANCE.

MAINTAIN: TO KEEP IN AN EXISTING STATE OF PRESERVATION OR REPAIR.

PRESERVATION: THE ACT OR PROCESS OF APPLYING MEASURES NECESSARY TO SUSTAIN THE EXISTING FORM, INTEGRITY, AND MATERIALS OF AN HISTORIC PROPERTY. WORK, INCLUDING PRELIMINARY MEASURES TO PROTECT AND STABILIZE THE PROPERTY, GENERALLY FOCUSES UPON THE ONGOING MAINTENANCE AND REPAIR OF HISTORIC MATERIALS AND FEATURES RATHER THAN EXTENSIVE REPLACEMENT AND NEW CONSTRUCTION.

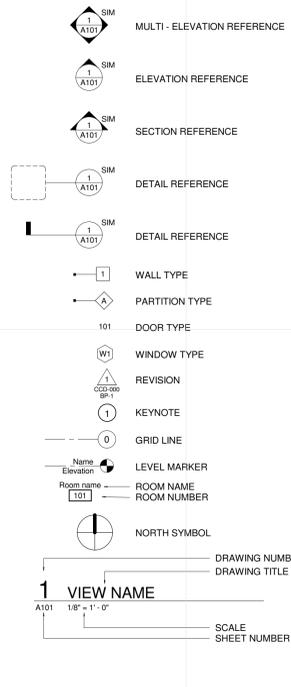
REHABILITATION: THE ACT OR PROCESS OF MAKING POSSIBLE A COMPATIBLE USE FOR A PROPERTY THROUGH REPAIR, ALTERATIONS, AND ADDITIONS WHILE PRESERVING THOSE PORTIONS OR FEATURES WHICH CONVEY ITS HISTORICAL, CULTURAL, OR ARCHITECTURAL VALUES.

RENOVATION: THE ACT OR PROCESS OF ELIMINATING THE QUALITIES THAT DEFINE THE HISTORIC CHARACTER OF A BUILDING, IF THEY REMAIN EXTANT, AND UPGRADING THE PROPERTY, OR PORTIONS THEREOF, TO ADAPT IT TO CONTEMPORARY NEEDS.

RESTORATION: THE ACT OR PROCESS OF ACCURATELY DEPICTING THE FORM, FEATURES, AND CHARACTER OF A PROPERTY AS IT APPEARED AT A PARTICULAR PERIOD OF TIME BY MEANS OF THE REMOVAL OF FEATURES FROM OTHER PERIODS IN ITS HISTORY AND RECONSTRUCTION OF MISSING FEATURES FROM THE RESTORATION PERIOD.

REPLACING OF THE INTERIOR'S STANDARDS: A SERIES OF NATIONAL CONCEPTS ABOUT MAINTAINING, REPAIRING, AND REPLACING HISTORIC MATERIALS, AS WELL AS DESIGNING NEW ADDITIONS OR MAKING ALTERATIONS. THE GUIDELINES OFFER GENERAL DESIGN AND TECHNICAL RECOMMENDATIONS TO ASSIST IN APPLYING THE STANDARDS TO A SPECIFIC PROPERTY. TOGETHER, THEY PROVIDE A FRAMEWORK AND GUIDANCE FOR DECISION-MAKING ABOUT WORK OR CHANGES TO A HISTORIC PROPERTY.

DRAFTING SYMBOLS



ABBREVIATIONS

A A/E Architect and/or Engineer AB Anchor Bolt AC Air Conditioning ACFL Access Floor ACOUS Acoustical ACT Acoustical Ceiling Tie AD Access Door ADCL Acoustic ADJ Adjacent ADJUST Adjustable ADMIN Administration AFF Above Finish Floor ALUM Aluminum AMEND Amendment ANC Anchor AP Access Panel APC Architectural Precast Concrete ARCH Architectural AUTO Automatic AV Audio Visual AVG Average AWT Acoustical Wall Treatment	C COL Column COM Communication COMP Composite COMPR Compressible CONC Concrete COND Condition CONF Conference CONN Connection CONSTR Construction CONT Contour (contour) (alias) CORR Corridor CPT Carpet CSK Countersunk CT Ceramic Tile CTR Center CU Concrete CUH Cabinet Unit Heater CW Cold Water CW Curtain Wall	D DBL Double DEG Degree DEMO Demolition DEPT Department DFT Drinking Fountain DIA Diameter DIAO Diagonal DIFF Diffuse DIM Dimension DISP Dispenser DNST Distribution DIV Division or Divider DL Dead Load DN Down DR Door DS Downspout DTL Detail DWF Drawing DWL Drawing BR Brick BRG Bearing BS Basement BTWN Between BUR Built up Roof	E E East EA Each EF Exhaust Fan EGEN Emergency Generator EJ Exterior Insulation & Finish System EL Elevation ELEV Elevation EMER Emergency ENT Entrance EO Electrical Outlet EOP Edge of Slab EPD Erylene Propylen Dian Monomer EQ Equal EQUIP Equipment ESTB Established EW Each Way EWC Electric Water Cooler EXC Excavation, Excavation EXT Existing EXP Expansion INSUL Insulation INT Interior	F FA Fire Alarm FBR Face of Brick FC Face FD Floor Drain FE Fire Extinguisher	G G Gas GAL Gallon GALV Galvanized GAR Garage GB Grab Bar GC General Contractor GEN General GENR Generator GFIB Fiberglass Reinforced Panel GLU Glue GYP Gypsum GWB Gypsum Wall Board	H H High HB Hose Bib HC Handicap HDR Header HDWD Handwood HDB Hardware HM Hollow Metal HQR Height HR Handrail HT Height HTR Heater HVAC Heating / Ventilation / Air Conditioning HYD Hydraulic HW Hot Water HWH Hot Water Heater	I ID Inside Diameter IN Inch INCL Incl (incl) INFO Information INSUL Insulation INT Interior	J JAN Janitor JBX Junction Box JC Janitor's Closet JST Joist JNT Joint	K KIT Kitchen KO Knockout	L L Long, Length LAB Laminate LAM Laminate, Lamination LAV Lavatory LB Pound LCD Linear Cell Diffuser LF Liner LH Left Hand LHR Left Hand Reverse LIN Linear LND Linoleum LL Live Load LOC Location LONG Longitudinal LTG Lighting LVR Louver	M MAS Masonry MAT Walk Off Mat MATERIAL Material MAX Maximum MC Medicine Cabinet MDF Medium Density Fiberboard MDO Medium Density Overlay MECH Mechanical MEMB Membrane MEZZ Mezzanine MFR Manufacturer MH Manhole MIN Minimum MISC Miscellaneous MO Masonry Opening MOUNT Mounted MTL Metal MUR Mural MW Millwork MWA Millwork Accessory	N N North NA Not Applicable NIC Not in Contrast NO Number NOM Nominal NRC Noise Reduction Coefficient NT Not to Scale	O O Overall OC On Center OCD Overhead Ceiling Door OD Outside Diameter OFI Contractor Installed OFI Owner Furnished - Owner Installed OH Overhead OJ On Center OJCD Overhead Ceiling Door OS Solid Core OFI Contractor Installed OFI Owner Furnished - Owner Installed OJ Overhead OJCD Overhead Ceiling Door OP Operating Partition OPG Opposite OPP Opposite OPT Optional ORD Overflow Roof Drain	P P Perpendicular PF Pre-Formed PFN Pre-Finished PHG Phasing PL Plate PL Property Line PLAM Plastic Laminate PLAS Plaster PLUM Plumbing PLF Pound per Linear Foot PLR Plywood PNL Panel PFR Prefabricated PREF Preliminary PREFAB Prefabricated PRLM Protection PSI Pounds per Square Inch PT Part PTN Partition PVC Polyvinyl Chloride	Q Q Quarry Tile QUARTER QUARTER QTY Quantity	R RA Radius RA Return Air RAD Radiator RB Rubber Base RCP Reflected Ceiling Plan RD Roof Drain REC Recessed RECT Rectangular REF Reference REF Reinforce (ment) (ing) REG Register REV Reverse RFV Resistant Floor RFV Roof Vent RH Right Hand RHS Right Hand Reverse RND Round RO Rough Opening ROW Right of Way RT Rubber Tile RWL Rain Water Leader	S S South SA Supply Air SAN Sanitary SC Solid Core SCH Schedule SD Storm Drain SECT Section SF Square Foot SFRNT Soffit SH Shear SHI Shear SHT Sheathing SIM Similar SLNT Sillant SM Surface Mount SMT Sheet Metal SMB Slab on Grade SP Spacing SPEC Specifications SQ Square SS Stainless Steel	T T Thread TAG Tongue & Grooved TAN Target TED To Be Determined TDP Trench Drain TEMP Temporary TERR Terrace THK Thickness THRES Threshold TOB Top of Beam TOC Top of Concrete or Curb TOD Top of Deck TOF Top of Footing TOJ Top of Joist TOM Top of Masonry TOP Topping TOS Top of Slab TOS Top of Steel TOW Top of Wall TREAT Treat TS Tube Steel TYP Typical	U UC Unfinished UPN Unplastered UNO Unfinished Otherwise UPH Upholstery UR Unrail UTILITY Utility	V VAR Varies VB Vapor Barrier VCT Vinyl Composition Tile VERT Vertical VEST Vestibule VIN Vinyl VNR Veneer VR Vapor Retarder VWC Vinyl Wall Covering	W W West W Wide, Width W With WO Without WC Water Closet WLD Wood WDW Window WF Wide Flange WG Wall Guard WHTR Water Heater WP Waterproofing WR Water Receptacle WS Weather Stripping WSC Waste WT Window Treatment
---	--	--	--	---	--	--	---	--	--	--	--	---	---	--	--	--	--	---	--	--	---

GENERAL COORDINATION NOTES

- THE BUILDING SERVICES AND UTILITIES CONTRACT DRAWINGS ARE SCHEMATIC IN NATURE AND DO NOT SHOW EVERY FITTING AND APPURTENANCE FOR EACH UTILITY. COORDINATION DRAWINGS ARE NOT SHOP DRAWINGS AND SHALL NOT BE SUBMITTED AS SUCH.
- EACH CONTRACTOR/SUBCONTRACTOR IS EXPECTED TO HAVE INCLUDED IN HIS/HER BID SUFFICIENT FITTINGS, MATERIAL, AND LABOR TO ALLOW FOR ADJUSTMENTS IN ROUTING OF UTILITIES MADE NECESSARY BY THE COORDINATION PROCESS AND TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM. THE CONTRACTOR/SUBCONTRACTORS WILL NOT BE ALLOWED ADDITIONAL COSTS OR TIME EXTENSIONS DUE TO PARTICIPATION IN THE COORDINATION PROCESS.
- THE CONTRACTORS SHALL USE THE COORDINATION PROCESS TO IDENTIFY THE PROPER SEQUENCE OF INSTALLATION OF ALL UTILITIES ABOVE CEILINGS AND IN OTHER CONGESTED AREAS, TO ENSURE AN ORDERLY AND COORDINATED END RESULT, AND TO PROVIDE ADEQUATE ACCESS FOR SERVICE AND MAINTENANCE.
- THE A/E RESERVES THE RIGHT TO DETERMINE SPACE PRIORITY OF EQUIPMENT IN THE EVENT OF SPATIAL CONFLICTS OR INTERFERENCE BETWEEN EQUIPMENT, PIPING, CONDUIT, DUCTS, AND EQUIPMENT PROVIDED BY THE TRADES.
- CHANGES TO THE CONTRACT DOCUMENTS THAT ARE NECESSARY FOR SYSTEMS INSTALLATION AND COORDINATION SHALL BE BROUGHT TO THE ATTENTION OF THE A/E.
- ACCESS PANELS SHALL PREFERABLY OCCUR ONLY IN GYPSUM BOARD WALLS OR PLASTER CEILINGS WHERE INDICATED ON THE DRAWINGS.
 - ACCESS TO MECHANICAL, ELECTRICAL, TECHNOLOGY, AND OTHER ITEMS LOCATED ABOVE THE CEILING SHALL BE THROUGH ACCESSIBLE LAY-IN CEILING TILE AREAS.
 - POTENTIAL LAYOUT CHANGES SHALL BE MADE TO AVOID ADDITIONAL ACCESS PANELS.
 - ADDITIONAL ACCESS PANELS SHALL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE A/E AT THE COORDINATION DRAWING STAGE.
 - PROVIDING ADDITIONAL ACCESS PANELS SHALL BE CONSIDERED AFTER OTHER ALTERNATIVES ARE REVIEWED AND DISCARDED BY THE A/E AND THE OWNER'S REPRESENTATIVE.
 - WHEN ADDITIONAL ACCESS PANELS ARE REQUIRED, THEY SHALL BE PROVIDED WITHOUT ADDITIONAL COST TO THE OWNER.
- CONFLICTS THAT RESULT AFTER THE COORDINATION DRAWINGS ARE SIGNED OFF SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR WHO DID NOT PROPERLY IDENTIFY THEIR WORK REQUIREMENTS, OR INSTALLED THEIR WORK WITHOUT PROPER COORDINATION.
- UPDATED COORDINATION DRAWINGS THAT REFLECT AS-BUILT CONDITIONS MAY BE USED AS RECORD DOCUMENTS.
- REFER TO PROJECT SPECIFICATIONS RELATED TO EACH TRADE FOR MORE DETAILED REQUIREMENTS RELATED TO COORDINATION ACTIVITIES.

GENERAL NOTES - ALL DRAWINGS

- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS AND SCOPE OF WORK.
- DRAWINGS ARE BASED ON 1926 ORIGINAL RECORD DRAWINGS FOR THE ORIGINAL HISTORIC ASPECTS OF THE BUILDING, AND 1979 AND 1999 REBURNISHMENT DRAWINGS. NOTWITHSTANDING THIS, THE CONTRACTOR IS TO VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS AND EXISTING OPENINGS SIZES. DISCREPANCIES BETWEEN EXISTING AND NEW CONDITIONS (SETTING OUT OF WALLS, ETC.) SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.
- THE MADISON MUNICIPAL BUILDING AND SITE ARE OFFICIALLY LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES, THE STATE REGISTER OF HISTORIC PLACES, AND AS A CITY LANDMARK. CONSEQUENTLY, ALL EXISTING CONDITIONS NEED TO BE PROTECTED FROM DAMAGE DURING MOBILIZATION, DEMOLITION AND CONSTRUCTION OPERATIONS FROM NOTICE TO PROCEED UNTIL HANDOVER OF THE ENTIRE PROPERTY BACK TO THE OWNER AT PROJECT COMPLETION.
- "PROTECTION FROM DAMAGE" MEANS TO PREVENT DAMAGE FROM PHYSICAL IMPACTS, VIBRATION, VANDALISM, MOISTURE, WATER, HEAT, DUST, DEBRIS, PESTS, VERMIN, INSECTS, BIRDS, ETC.. TAKE ALL PRECAUTIONS AND REPORT ALL PROBLEMS OR ISSUES ARISING FROM OPENING UP EXISTING CONDITIONS PER THE DESIGN DOCUMENTS. TEMPORARY REMOVAL AND REPLACEMENT OF ANY COMPONENTS OR ASSEMBLIES SHALL BE TREATED WITH THE SAME CAUTION WHETHER OR NOT THEY ARE BEING RE-USED IN THE SAME OR NEW LOCATIONS ON THE PROJECT, OR NOT.
- PROTECT ALL REMAINING PORTIONS OF THE BUILDING, LANDSCAPING, EXISTING MONUMENTS, FEATURES AND OTHER PROPERTY NOT SCHEDULED FOR DEMOLITION. THESE AREAS SHALL BE COMPLETELY PROTECTED DURING DEMOLITION AND REMOVAL OF DEBRIS. ANY RESULTING DAMAGE SHALL BE REPAIRED OR REPLACED TO LIKE-NEW CONDITION BY THE CONTRACTOR RESPONSIBLE UNDER THE DIRECTION AND APPROVAL OF THE OWNER AND ARCHITECT.
- THE MEANING OF "PREPARE AREAS" OF DEMOLITION AND REMOVAL FOR NEW COMPONENTS/FINISHES IS THAT IT IS TO BE LEFT CLEAR OF DEBRIS, DUST, LOOSE MATERIAL, NAILS, SCREWS, ANCHORS, REINFORCEMENT AND ALL OTHER FIXING TYPES, AND IN A SOUND MANNER, SUITABLE AS A SUBSTRATE FOR SUBSEQUENT PREPARATION AND FINISHING BY OTHER TRADES. REFER TO SPECIFICATIONS FOR APPLICABLE TRADES IN AREAS WHERE DEMOLITION AFFECTS EXISTING WALLS / CEILINGS / UNDERSIDE FLOOR DECKS TO REMAIN.
- EXISTING HISTORIC WINDOWS REHABILITATION IS BY OTHERS UNDER SEPARATE CONTRACT.
- SEE EXCLUSION ZONE PLANS FOR AREAS WHERE HISTORIC FINISHES AND ASSEMBLIES ARE TO BE PRESERVED AND PROTECTED IN PLACE DURING DEMOLITION. THIS INCLUDES THE ENTIRE EXTERIOR OF THE BUILDING, U.N.O. ON THE DEMOLITION ELEVATIONS.
- EXISTING HISTORIC DOORS AND FRAMES TO BE SALVAGED AND RE-INSTALLED TO BE MARKED WITH ORIGINAL (1926) DOOR NUMBER USING A REMOVABLE, NON-DAMAGING, TAG. MARK ALL FRAME MEMBERS AND TRIM WITH THE SAME NUMBER AND BUNDLE TOGETHER.
- REFER TO MASONRY REHABILITATION BE-SERIES DRAWINGS FOR SCOPE OF BUILDING EXTERIOR ENVELOPE REHABILITATION WORK.
- COORDINATE SCOPE OF WORK WITH ALL OTHER CONTRACTORS AND THE OWNER AT THE PROJECT SITE. SCHEDULE REMOVAL OF EQUIPMENT AND TECHNOLOGY SERVICE TO AVOID CONFLICTS.
- PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF ADJACENT CONSTRUCTION SCHEDULED TO REMAIN.
- COORDINATE REMOVAL OF WALLS, CEILINGS, FLOOR FINISHES AND OTHER OBJECTS THAT MAY CONTAIN HAZARDOUS MATERIALS WITH ABATEMENT CONTRACTOR. OWNER WILL HIRE AN ABATEMENT CONTRACTOR TO REMOVE HAZARDOUS MATERIALS. NOTIFY ABATEMENT CONTRACTOR IMMEDIATELY IF HAZARDOUS MATERIALS ARE ENCOUNTERED. HAZARDOUS MATERIAL ABATEMENT IS NOT PART OF THE WORK SHOWN ON THESE DRAWINGS.
- ALL EXISTING HISTORIC WOOD DOORS, DOOR FRAMES, DOOR ARCHITRAVES, WAINSCOT AND WALL PANEL FRAMING AND PANELING, WINDOW TRIM, HANDRAILS, AND ALL OTHER HISTORIC WOOD FEATURES TO REMAIN ARE TO BE REFINISHED PER SPEC SECTION 099300.

PUBLIC IMPROVEMENT PROJECT APPROVED:	PUBLIC IMPROVEMENT DESIGN APPROVED BY:
RES - 17 - 00272	
FILE ID 46331	CITY ENGINEER
DATE March 21, 2017	3/22/17
BY THE COMMON COUNCIL OF MADISON, WI	DATE

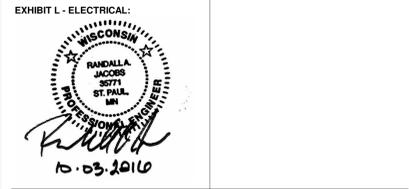
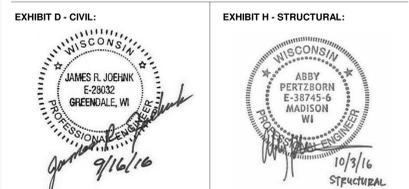


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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin.
ARCHITECT SEAL

Signature:

Print Name: Jack Poling License No.: A-8984

Date: 10.07.2016

ISSUE	MARK	DATE	DESCRIPTION
		03.24.2017	BID ISSUE

PROJECT NO. 2014057

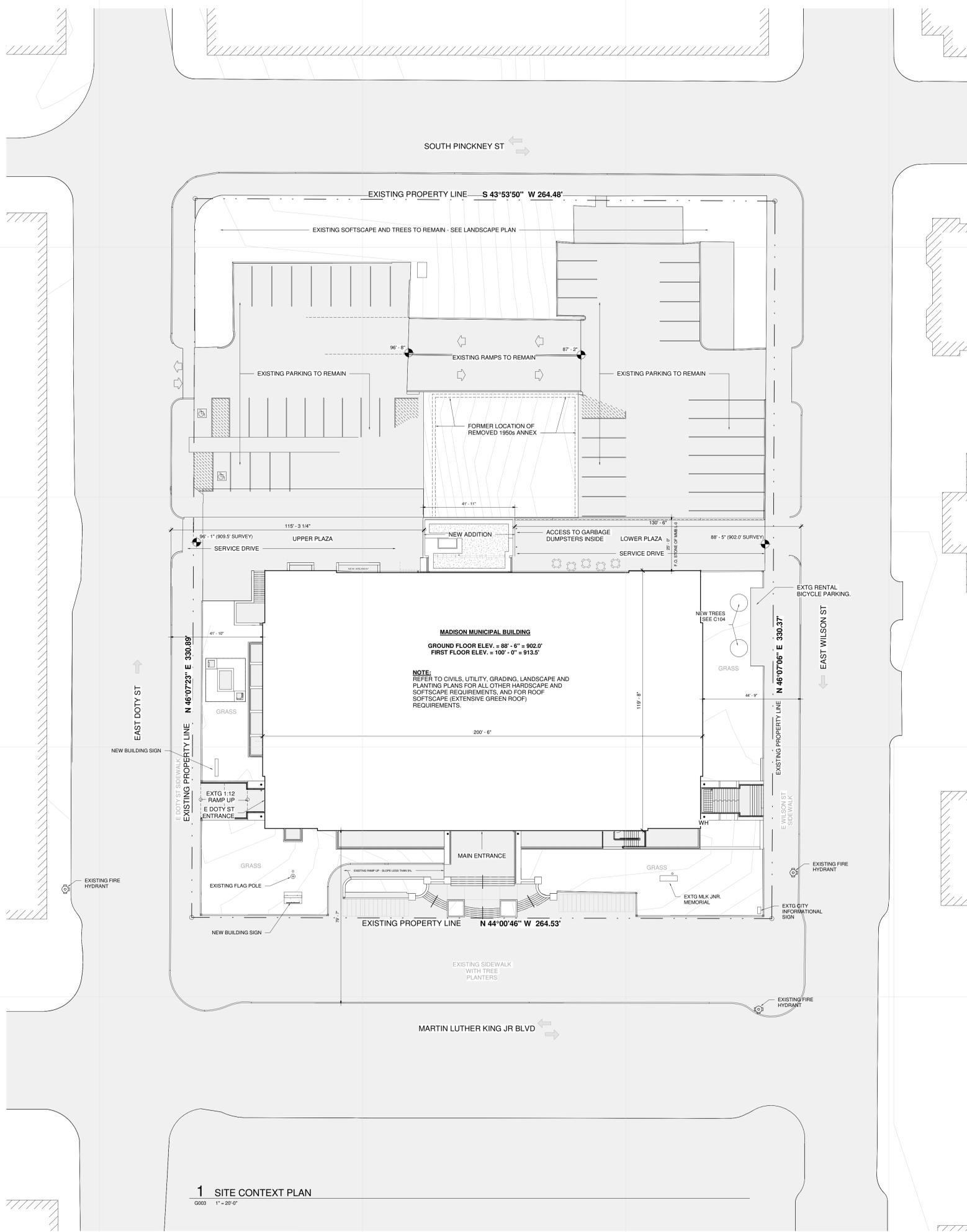
PROJECT PHASE BID ISSUE

DRAWN BY: Author CHECKED BY: Checker

SYMBOLS, ABBREVIATIONS AND GENERAL NOTES

EXHIBIT A

G002

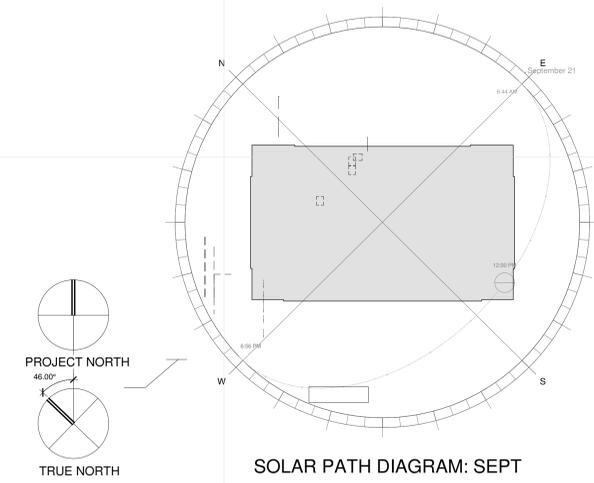
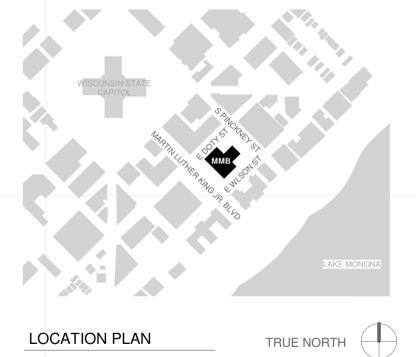


Parking Lot Plan Site Information Block

Site Address: 215 Martin Luther King Jr Blvd., Madison, WI 53703.
 Site acreage: 2.008 acres.
 Number of building stories (above grade): (4) Four.
 Building height: 57'-9" (from lowest grade level to parapet top).
 DILIR type of construction (new structures or additions): Type II-A
 Total square footage of building: 79,300 gross external square feet (74,860 gross internal area).
 Use of property: City Government Offices.
 Gross square feet of office space: 74,860 gross square feet.
 Gross square feet of retail area: 350 square feet (Madison Credit Union)
 Number of employees in warehouse: n.a.
 Number of employees in production area: n.a.
 Capacity of restaurant/place in assembly: n.a.
 Number of bicycle stalls shown: 28 external, plus 30 internal in covered bicycle storage area.
 Number of parking stalls:

Small car:	45
Large car:	5
Accessible:	2
Total:	52

Number of trees shown: (2) new trees, plus (9) existing trees, total (11) trees.



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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin.
 ARCHITECT SEAL

WISCONSIN ARCHITECT
 DANIEL JACK POLING
 A-8984
 MINNEAPOLIS, MN

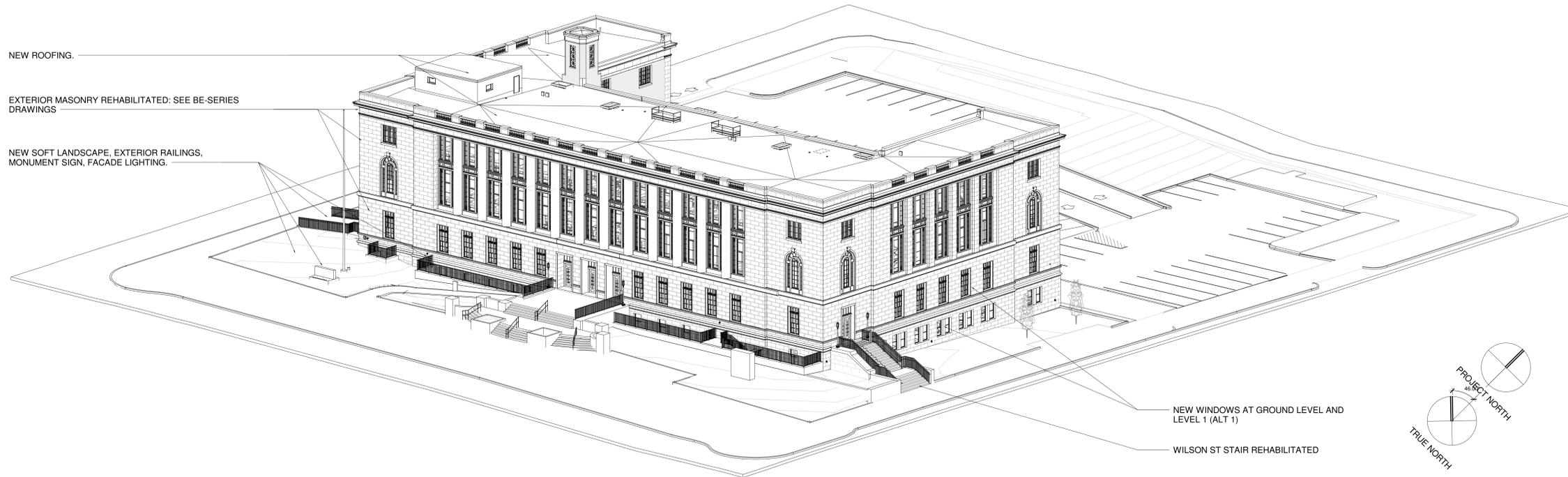
Signature: *[Signature]*
 Print Name: Jack Poling
 Date: 10.07.2018 License No.: A-8984

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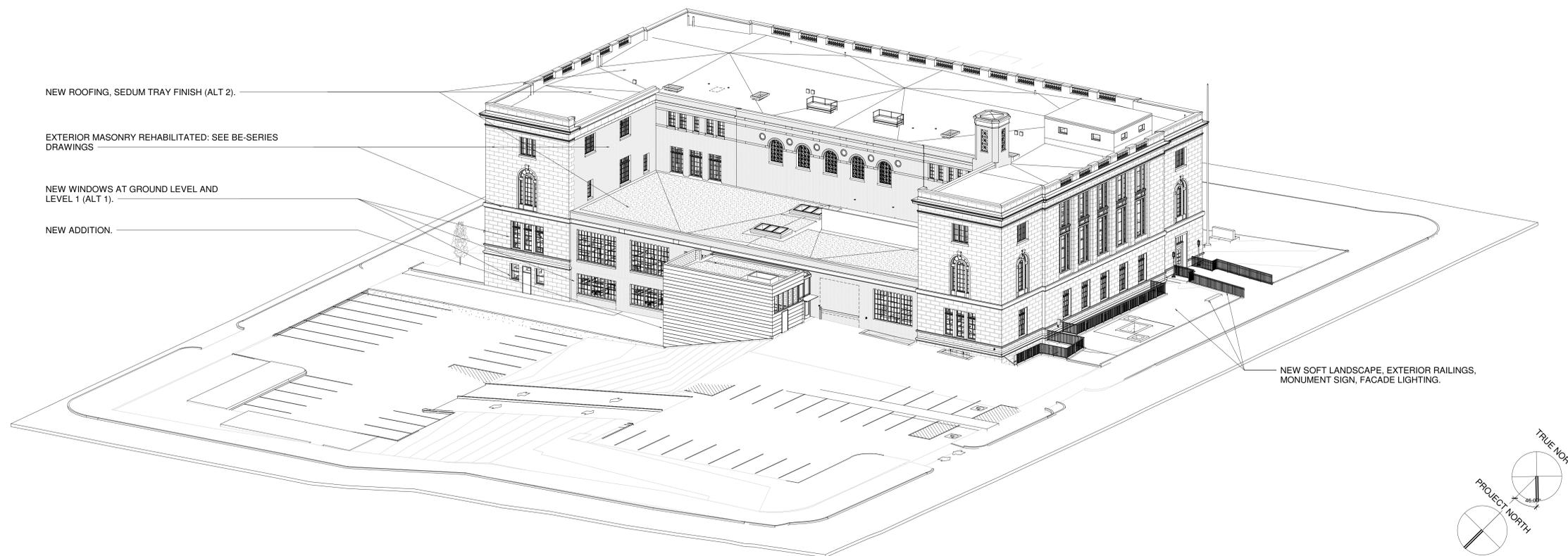
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SITE CONTEXT PLAN

EXHIBIT A
G003



1 OVERALL PROJECT VIEW FROM SOUTH
G004



2 OVERALL PROJECT VIEW FROM NORTH
G004

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Madison, WI 53703

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin.
ARCHITECT SEAL



Signature: *[Handwritten Signature]*
Print Name: Jack Poling
Date: 10.07.2016 License No.: A-8984

MARK	DATE	DESCRIPTION
	03.24.2017	BID ISSUE

PROJECT NO. 2014057
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OVERALL PROJECT AERIAL VIEWS

EXHIBIT A
G004

A SERIES

ONE LAYER 5/8" GYPSUM BOARD BOTH SIDES (OMIT INNER LAYER AT PLUMBING CHASE WALLS ONLY).

METAL STUD

ACOUSTIC SOUND BATT INSULATION WHEN ACOUSTICALLY RATED

PARTITIO N TYPE	STUD SIZE	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
A3	3.5/8"	4.3/4"	UL U419	1HR		
A4	3.5/8"	4.3/4"	UL U419	1HR	45	1,2
A6	6"	7.1/4"	UL U419	1HR		

NOTES
1. EXTEND WALL TO DECK.

A.1 SERIES

5/8" WALL BOARD, GYP-4 TYP.

5/8" WALL BOARD (2 LAYERS) GYP-4 TYP.

METAL STUD

ACOUSTIC SOUND BATT INSULATION.

PARTITIO N TYPE	STUD SIZE	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
A.1	3.5/8"	5.1/2"	UL U419	1HR	50	1,2

NOTES
1. EXTEND WALL TO DECK.

B SERIES

TWO LAYERS 5/8" GYPSUM BOARD BOTH SIDES

METAL STUD

ACOUSTIC SOUND BATT INSULATION

PARTITIO N TYPE	STUD SIZE	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
B4	3.5/8"	6"	UL U419	2 HR	52	1, 2

NOTES
1. EXTEND WALL TO DECK.

C SERIES

5/8" WALL BOARD, GYP-4 TYP.

5/8" WALL BOARD (2 LAYERS) GYP-4 TYP.

RESILIENT SOUND ISOLATION CLIP

METAL STUD

ACOUSTIC SOUND BATT INSULATION.

PARTITIO N TYPE	STUD SIZE	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
C4	3.5/8"	4.3/4"	UL U419	1HR	61	1,2

NOTES
1. EXTEND WALL TO DECK.

D SERIES

ACOUSTIC SOUND BATT INSULATION

5/8" GYPSUM BOARD LAYERS

METAL STUD BRACES @ 4'-0" O.C. MAX

METAL STUD

PARTITIO N TYPE	STUD SIZE	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
D3	3.5/8"	SEE PLAN	UL U420	1HR		1

NOTES
1.

GENERAL NOTES

SOME DETAILS DESCRIBED HERE MAY NOT BE USED ON THIS PROJECTS. SEE PLANS FOR SPECIFIC PARTITION TYPES USED.

1. INTERIOR PARTITION TYPES TO BE INDICATED BY ON FLOOR PLANS.

2. GAUGE, SPACING, AND PERFORMANCE REQUIREMENTS OF METAL STUDS TO BE DETERMINED BY SPECIFICATIONS UNLESS OTHERWISE NOTED

3. TYPE 'X' GYPSUM BOARD REQUIRED AT RATED PARTITIONS ONLY.

4. FIRE RATED OR ACOUSTICALLY RATED PARTITIONS TO EXTEND TO ROOF OR FLOOR DECK ABOVE UNLESS NOTED OTHERWISE. AT NON-RATED PARTITIONS IN ROOMS WITHOUT FINISH CEILINGS, GYPSUM BOARD TO GO TO DECK UNLESS NOTED OTHERWISE.

5. AT NON-RATED PARTITIONS IN ROOMS WITH FINISHED CEILING, GYPSUM BOARD TO GO TO 6" ABOVE CEILING UNLESS NOTED OTHERWISE. AT NON-RATED PARTITIONS IN ROOMS WITHOUT FINISH CEILINGS, GYPSUM BOARD TO GO TO DECK UNLESS NOTED OTHERWISE.

6. PENETRATIONS IN FIRE RATED OR ACOUSTICALLY RATED PARTITIONS AND CONNECTIONS TO THESE PARTITIONS BY OTHER PARTITIONS SHALL BE PER PARTITION MANUFACTURER'S WRITTEN RECOMMENDATIONS OR U.L. REQUIREMENTS FOR FIRE TEST AND ACOUSTICAL TEST RATINGS.

7. REFER TO SPEC FOR BACKER AT PARTITIONS SCHEDULED TO RECEIVE CERAMIC TILE. PROVIDE TILE BACKER BOARD TO PARTITIONS IN SHOWERS, HIGH MOISTURE AREAS OR SIMILAR AREAS AND WHERE NOTED. INSTALLATION OF MOISTURE RESISTANT GYPSUM BOARD OR TILE BACKER BOARD SHALL NOT REDUCE FIRE OR ACOUSTICAL RATINGS FOR ANY PARTITION.

8. ACOUSTICALLY RATED PARTITIONS SHALL HAVE CONTINUOUS SOUND BATT INSULATION AND ACOUSTICAL CAULKING UNLESS OTHERWISE NOTED. STAGGER JUNCTION BOXES A MINIMUM OF 2'-0" BETWEEN PENETRATIONS AT ACOUSTICALLY RATED OR FIRE RATED PARTITIONS

9. THERMALLY SEPARATED PARTITIONS SHALL HAVE VAPOR BARRIER AND THERMAL INSULATION AS SPECIFIED UNLESS OTHERWISE NOTED.

10. VERIFY WITH STRUCTURAL ALL NON-BEARING MASONRY PARTITIONS THAT ARE NOT ADEQUATELY BRACED BY FIXED ELEMENTS PRIOR TO ERECTION.

11. PROVIDE A MINIMUM OF 1'-0" OF SOLID MASONRY BETWEEN PENETRATIONS IN MASONRY PARTITIONS UNLESS OTHERWISE NOTED.

12. REFER TO STRUCTURAL DRAWINGS FOR INTERIOR STRUCTURAL PARTITIONS.

13. PROVIDE BLOCKING AND BACKER SUPPORT FOR ALL EQUIPMENT ATTACHMENT AND MOUNTING. COORDINATE LOCATION OF BLOCKING AND BACKER MATERIAL WITH OWNER AND CONTRACTOR SUPPLIED EQUIPMENT PRIOR TO CONSTRUCTION OF PARTITION. SEE FURNITURE PLAN FOR FURNITURE LOCATIONS THAT REQUIRE BLOCKING.

14. STC RATINGS INDICATED MINIMUM WALL REQUIREMENTS WITH SOUND BATT INSULATION. REFER TO GYPSUM ASSOCIATION BULLETIN #500 AND THE UL MANUAL FOR DETAILED CONSTRUCTION TECHNIQUES TO ACHIEVE STC RATINGS.

15. SEE SHEET G100, CODE PLAN, FOR LOCATION OF ALL FIRE RATED WALLS. NOTE SOME WALL TYPES SHOWN HAVE FIRE RATINGS LISTED BUT ARE NOT USED AS FIRE RATED WALLS. ALL WALL ASSEMBLIES NEED TO MEET THE STC RATINGS INDICATED WITH EACH TYPE.

F SERIES

ONE LAYER 1/2" GYPSUM BOARD

METAL STUD

PARTITIO N TYPE	STUD SIZE	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
F1	1.5/8"	2.1/8"	N.A.			1

NOTES
1. USED AT CEILING BULKHEAD VERTICAL PARTITIONS ONLY

L SERIES

ACOUSTIC SOUND BATT INSULATION WHEN ACOUSTICALLY RATED

1" GYPSUM BOARD SHAFER LINER

TWO LAYERS 5/8" GYPSUM BOARD

C-H SHAFTWALL STUD

SHAFT SIDE OF WALL

STUD WIDTH

PARTITIO N TYPE	STUD SIZE	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
L2	2.1/2"	3.1/2"	UL U438	2 HR	47	1
L4	4"	5.1/4"	UL U438	2 HR	47	1
L6	6"	7"	UL U438	2 HR	47	1

NOTES
1.

M SERIES

SCHEDULED SUBSTRATE WALL

AIR GAP

RESILIENT CLIPS

TWO LAYERS 5/8" GYPSUM BOARD

METAL STUD FURRING, FURR-1

ACOUSTIC SOUND BATT INSULATION

PARTITION WIDTH

PARTITIO N TYPE	STUD SIZE	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
M3	3.5/8"	SEE PLAN	NA	NA	95	

NOTES
1. TYPE M3 TO INCLUDE 1/4" ACOUSTIC SEPARATION GAP BETWEEN T.O. GYP AND UNDERSIDE OF DECK, TO BE SEALED WITH RESILIENT CAULK.

N SERIES

MORTAR DAB

METAL HAT FURRING, FURR-1

ONE LAYER 5/8" GYPSUM BOARD

METAL STUD FURRING, FURR-1

SUBSTRATE

PARTITIO N TYPE	STUD SIZE	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
N1	7/8"	2"	NA	NA	NA	1
N2	2.1/2"	3.1/8"	NA	NA	NA	2

NOTES
1. TYPE N1 (HAT CHANNEL WITH MORTAR) TO BE USED AT EXISTING COLUMNS WITH CLAY TILE FIREPROOFING ONLY
2. AT EXTERIOR WALLS AT LEVELS 2 AND 3, OVERALL R-VALUE = R7.1

D SERIES

CONCRETE WALL - SEE STRUCTURAL

PARTITIO N TYPE	CONCRETE WIDTH	PARTITIO N WIDTH	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
D12	12"					
D10	10"					

NOTES

R SERIES

CONCRETE MASONRY UNITS

PARTITIO N TYPE	BLOCK	UL DESIGN NUMBER	FIRE RATING	STC RATING	NOTES
R6	5.5/8" x 8"	UL U906	2 HR	44-55	1,2
R7	7.5/8" x 8"	UL U906	2 HR	46-62	1,2

NOTES
1. FILL CORES AT ACOUSTICALLY RATED PARTITIONS
2. CLASS D-2 BLOCK REQ'D FOR FIRE RATING

1

CMU-2

AB-2

INSUL-2 (2" = R10)

AB-X

MTLP-1

CLIP-1 @ HORIZONTAL JOINT

WHERE APPLICABLE (SEE ENLARGED PLANS & WALL SECTIONS):

INSUL-3 (2.5" = R10)

2.1/2" METAL STUD @ 16" O.C.

5/8" GWB-1

NOTE: PROVIDE CLASS C-3 CMU FOR 3HR FIRE RATING

2

MTLP-1

INSUL-5 (2" = R10)

AB-X

5/8" SHGT-1

2" FURRING @ HORIZONTAL JOINT

INSUL-3 (8" = R24)

6" METAL STUD @ 16" O.C.

INT. FINISH VARIES SEE DETAILS

EXISTING EXTERIOR WALL (TYP.)

APPROXIMATE R-VALUES:
GROUND & FIRST FLOOR: R-10
SECOND & THIRD FLOOR: R-5

INT.

EXT.

LIMESTONE

BRICK MASONRY

2" SOAP TILE WITH PLASTER FINISH

EXISTING EXTERIOR WALL ON NORTH SIDE AND AT LOWER ROOF AREA

APPROXIMATE R-VALUES:
GROUND & FIRST FLOOR: R-10
SECOND & THIRD FLOOR: R-5

INT.

EXT.

BRICK MASONRY

2" SOAP TILE WITH PLASTER FINISH

WALL TYPES - EXTERIOR

1 1/2" = 1'-0"

GWB-2

(1) LAYER 1" TYPE-X GWB

2.1/2" LT. GA. J RUNNERS WITH H SECTION

(2) LAYERS 5/8" TYPE-X GWB

NOTE: APPLY FACE LAYER WITH JOINTS 24" OFFSET FROM BASE LAYER

FIRE RATING	UL DESIGN NUMBER	STC RATING
2-HR	U415, U438	

SEE REFLECTED CEILING PLANS (SHEETS A120 - A127) FOR OTHER NON-RATED CEILING TYPES

CEILING TYPES

1 1/2" = 1'-0"

EXISTING TILE + JOIST FLOOR SYSTEM

FINISHED FLOOR

STRUCTURAL FLOOR

3/8" SHRINKAGE REINFORCING @ 18" O.C. TYP.

TYP. JOIST REINFORCING

CONCRETE TILE + JOIST FLOOR SYSTEM: TYP. AT LEVEL 1 - LEVEL 3 CEILING SLAB.

12" TILE + 5" JOIST FIN. FLOOR BUILDUP AND FINISH VARIES

EXISTING SLAB

FINISHED FLOOR

STRUCTURAL FLOOR

REINFORCED CONC. SLAB

FIN. FLOOR BUILDUP AND FINISH VARIES

TYP. SLAB ON GRADE

CONCRETE SLAB - SEE STRUCTURAL

VAPOR BARRIER

2" INSUL-1B WITH TAPED JOINTS

6" DRAINAGE COURSE

COMPACTED FILL - SEE STRUCTURAL

FLOOR TYPE	SLAB THICKNESS
FS12	VARIES - SEE STRUCT. DOCS

CONCRETE SLAB

CONCRETE SLAB - SEE STRUCTURAL

METAL DECKING

INTUMESCENT PAINT, SFPM-1 WHERE EXPOSED TO OCCUPIABLE AREA BELOW

FLOOR TYPE	SLAB THICKNESS
FSM1	4"
FSM4	6"
FSM6	8"
FSM8	8"

ROOF-1 (AT PENTHOUSE)

SURFACE MEMBRANE (ADHERED OVER (1) LAYERS BASE MEMBRANE (ADHERED))

MFGR APPROVED COVER BOARD

POLYISO INSUL. (6" TOTAL TYP. = R30)

PROP. PRIMER

EXISTING 2" WOOD DECKING

EXISTING ROOF STRUCTURE

FLOOR TYPE	SLAB THICKNESS

ROOF-1 (AT NEW ADTN.)

TRAY EDGING (ALTERNATE #2)

ROOT BARRIER (ALTERNATE #2)

SURFACE MEMBRANE (ADHERED OVER (1) LAYERS BASE MEMBRANE (ADHERED))

MFGR APPROVED COVER BOARD

POLYISO INSUL. THICKNESS VARIES (AVERAGE R30 TOTAL TYP. = R30)

PROP. PRIMER

EXISTING CONC. SLAB

FLOOR TYPE	SLAB THICKNESS

ROOF-1 (AT NEW ADTN.)

TRAY EDGING (ALTERNATE #2)

ROOT BARRIER (ALTERNATE #2)

SURFACE MEMBRANE (ADHERED OVER (1) LAYERS BASE MEMBRANE (ADHERED))

MFGR APPROVED COVER BOARD

POLYISO INSUL. THICKNESS VARIES (AVERAGE R30 TOTAL TYP. = R30)

PROP. PRIMER

1/2" COVER BOARD

METAL DECKING

INTUMESCENT PAINT, SFPM-1

FLOOR TYPE	SLAB THICKNESS

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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin, ARCHITECT SEAL.

Signature: *Daniel Jack Poling*
Print Name: Jack Poling
Date: 10.07.2018 License No.: A-8984

ISSUE	MARK	DATE	DESCRIPTION

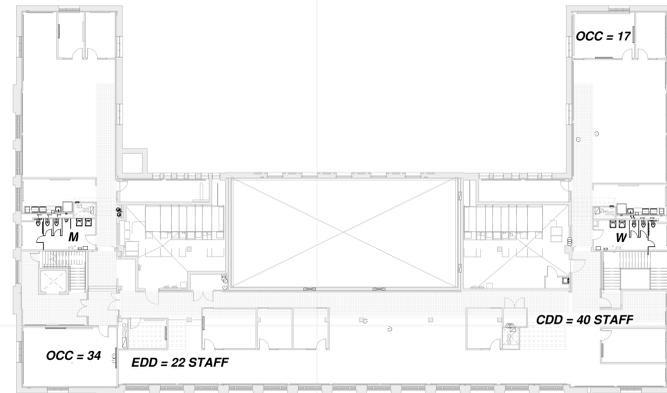
PROJECT NO. 2014057
PROJECT PHASE BID ISSUE
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WALL TYPES AND SYSTEMS

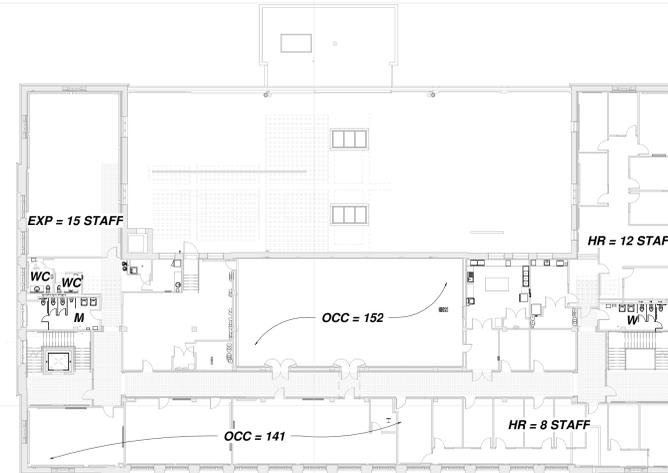
EXHIBIT A
G005

2009 IBC - BUILDING CODE ANALYSIS	
USE AND OCCUPANCY CLASSIFICATION	
Mixed-Use Occupancy - Non Separated Uses: Building treated as all Group B	
Primary occupancy classification is Business Group B (Section 304)	
Building has assembly space at Levels 1 and 2, Group A-3	
The proposed design does not anticipate any occupancy changes. The addition increases the floor area by approx. 2,200 sq ft.	
Therefore the existing construction type may remain and is deemed acceptable per the IBC requirements.	
TYPE OF CONSTRUCTION	
TYPE II-A (Table 601) - Fully Sprinkled	
FIRE RESISTANCE RATING OF BUILDING ELEMENTS	
Structural Frame - Table 601	1 Hr
Bearing Walls (Interior) - Table 601	1 Hr
Bearing Walls (Exterior) - Table 601	1 Hr
Nonbearing walls and partitions (Interior) - Table 601	No Rating
Nonbearing walls and partitions (Exterior)	1 Hr
(Fire Separation Distance is 10'-0" x 30' ft) - Table 602 - requires 1 hour exterior wall rating	1 Hr
Floor Construction (Including supporting beams and joists) - Table 601	1 Hr
Roof Construction (Including supporting beams and joists) - Table 601	1 Hr
Enclosure of Shafts connecting less than 4 stories - Section 708.4	1 Hr
Enclosure of Shafts connecting 4 stories or more - Section 708.4	2 Hr
Corridors - Less than 30 occupants - Table 1018.1	No Rating
Corridors - Without Sprinkler System - Table 1018.1	(not applicable)
Corridors - With Sprinkler System - Table 1018.1, B Occupancy	No Rating
GENERAL BUILDING HEIGHTS AND AREAS (CHAPTER 5, Table 503)	
503 - Allowable area and Height (Group B Occupancy)	
Allowable Height (B)	11 stories; 160'-0"
Allowable Building Area (B)	(unlimited)
HEIGHTS AND AREAS MODIFICATIONS	
Floor Construction (Including supporting beams and joists) - Table 601	1 story; 20'-0"
Sprinkler System Area Increase (Section 504.2)	200% for multi-story building
BUILDING HEIGHT - PROPOSED VS. ALLOWABLE	
Proposed Building Height	4 story; 57'-8"
Allowable Building Height w/ Sprinkler (height limited by municipal zoning)	12 stories; 180'-0"
BUILDING FLOOR AREA - PROPOSED VS. ALLOWABLE	
Proposed Building Area (gross floor area)	
- Ground Floor	23,330 sq ft
- First Floor	23,270 sq ft
- Second Floor	15,350 sq ft
- Third Floor	12,910 sq ft
- Total	74,860 sq ft
Allowable Building Area W/ Sprinkler (per floor)	(unlimited)
INCIDENTAL USE AREAS (Table 508.2.5)	
Furnace rooms where any piece of equipment is over 400,000 BTU per hour input	1 hr or automatic fire extinguishing
Rooms with boilers where the largest piece of equipment is over 15 psi or 10 hp	1 hr or automatic fire extinguishing
Storage Rooms over 100 sq ft	1 hr or automatic fire extinguishing
Laundry Room over 100 sq ft - Table 508.2.5	1 hr or automatic fire extinguishing
FIRE RESISTANCE RATED CONSTRUCTION (Chapter 7)	
Maximum area of Exterior Wall Openings (Table 705.8)	

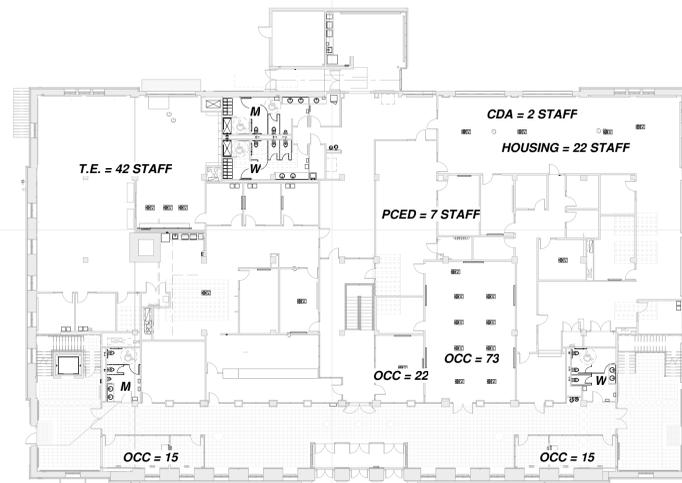
2009 IBC - BUILDING CODE ANALYSIS	
Fire Separation Distance is > 30 feet all sides of building	No Limit
Shaft Enclosures (Section 708)	
708.2 Shaft Enclosure Required	
Exception 11 - a shaft enclosure shall not be required for floor openings created by unenclosed stairs or ramps in accordance with exception 3 or 4 in section 1018.1.	
708.4 Fire-resistance rating	
Not less than 2 hours where connecting 4 stories or more.	
708.14 Elevator, dumbwaiter and other hoistways	
Not less than 1 hour where connecting less than 4 stories	
MEANS OF EGRESS	
Occupant Load (Section 1004)	
- Ground Floor	327
- First Floor	322
- Second Floor	369
- Third Floor	157
Egress Width (Section 1005), with automatic sprinkler system	
- Stairways	0.2 inches per occupant
- Other Egress Components	0.15 inches per occupant
Accessible Means of Egress (Section 1007)	
- Stairways (Section 1007.1 Exception 1; Section 1007.3 Exception 2)	Not Required
- Doors (Section 1008.1.1)	32" Minimum clear opening
	48" Maximum leaf width
Minimum Widths	
- Stairways (Section 1009.1)	Min. 44"
Common path of egress travel (1014.3 exception 1)	
- Shall not exceed more than 100 feet with sprinkler system for Occupancy Type B	
Exit and Exit Access Doorways (1015.1)	
-> 49 Occupants: 2 exits or exit access doorways minimum	
Exit Access Travel Distance (Table 1016.1)	
- 300 ft w/ sprinkler for Occupancy Type B	
Corridor Fire-Resistance Rating (Table 1018.1)	
- No rating required with Sprinkler System for Business occupancy	
Number of Exits (Table 1021.1)	
- 1-500 occupants = 2 exits (per story)	
Roof Safety and Access Requirements at Photovoltaic (PV) Array (Section 3113):	
- Access - a 6' wide clear perimeter around the edges of the roof	
- Pathways - 4' wide path intended for fire fighters as follows:	
- 4ft clear completely around roof hatches plus on epath directly to roof edge.	
- 4 ft straight path to standpipes, skylights and vent hatches.	
- 4ft wide centerline access	
- PV Arrays: Arrays shall be no greater than 150 feet by 150 feet.	



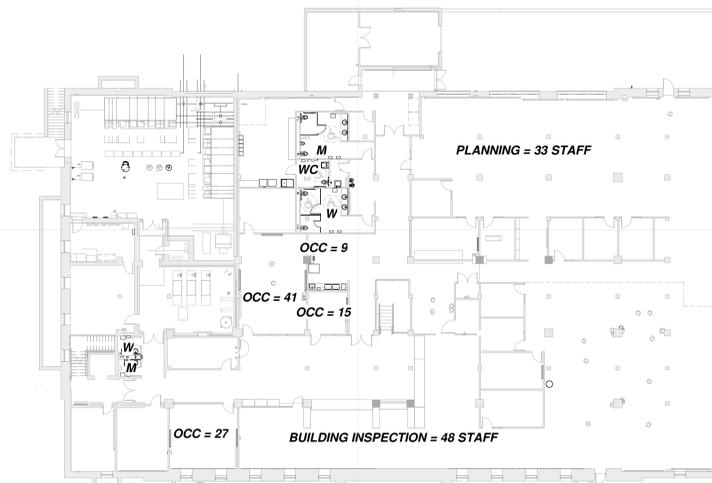
LEVEL THREE STAFF: 62
MEETING OCCUPANTS: 51
VISITORS: 6
TOTAL: 119



LEVEL TWO STAFF: 35
MEETING OCCUPANTS: 293
TOTAL: 328



LEVEL ONE: STAFF = 73
VISTORS = 10
MEETING / PUBLIC OCCUPANTS = 125
TOTAL = 208



GROUND LEVEL: STAFF = 81
MEETING / PUBLIC OCCUPANTS = 92
TOTAL = 173

FLOOR	THIRD
CLASSIFICATION	B + A-3
OCCUPANT LOAD	119 = 68 STAFF AND VISITORS (B) 51 MEETING (B and A-3)

	REQUIRED		PROVIDED	
	MEN	WOMEN	MEN	WOMEN
TOILETS	3	3	4	3
LAVS	2	2	2	2
DRINKING FOUNTAINS	2		2	

FLOOR	SECOND
CLASSIFICATION	B + A-3
OCCUPANT LOAD	328 = 35 STAFF (B) 293 MEETING (B and A-3)

	REQUIRED		PROVIDED	
	MEN	WOMEN	MEN	WOMEN
TOILETS	3	5	4	5
LAVS	2	2	2	4
DRINKING FOUNTAINS	2		3*	

* = 2 D.F. PLUS ONE STAFF KITCHEN WITH POTABLE WATER SOURCE.

FLOOR	FIRST
CLASSIFICATION	B + A-3
OCCUPANT LOAD	208 = 83 STAFF AND VISITORS (B) 125 MEETING (B and A-3)

	REQUIRED		PROVIDED	
	MEN	WOMEN	MEN	WOMEN
TOILETS	3	4	6**	6**
LAVS	2	2	4	4
DRINKING FOUNTAINS	2		4	

** = ADDITIONAL FIXTURE WITHIN 500FT AT LEVEL 2

FLOOR	GROUND
CLASSIFICATION	B + A-3
OCCUPANT LOAD	173 = 81 STAFF (B) 92 MEETING / SERVICE (B and A-3)

	REQUIRED		PROVIDED	
	MEN	WOMEN	MEN	WOMEN
TOILETS	3	3	4***	3***
LAVS	2	2	3	4
DRINKING FOUNTAINS	2		2	

*** = ACCESS TO STAFF TOILETS TO BE PROVIDED WHEN REQUESTED BY PUBLIC

TOTAL STAFF COUNT: 62 + 35 + 73 + 81 = 251

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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin.
ARCHITECT SEAL



Signature: *Jack Poling*
Print Name: Jack Poling
Date: 10.07.2016 License No.: A-8984

MARK	DATE	DESCRIPTION
1	03.24.2017	BID ISSUE

PROJECT NO. 2014057
PROJECT PHASE BID ISSUE
DRAWN BY ES/SK/SF CHECKED BY SB

CODE ANALYSIS - PLUMBING FIXTURE COUNT

EXHIBIT A
G101