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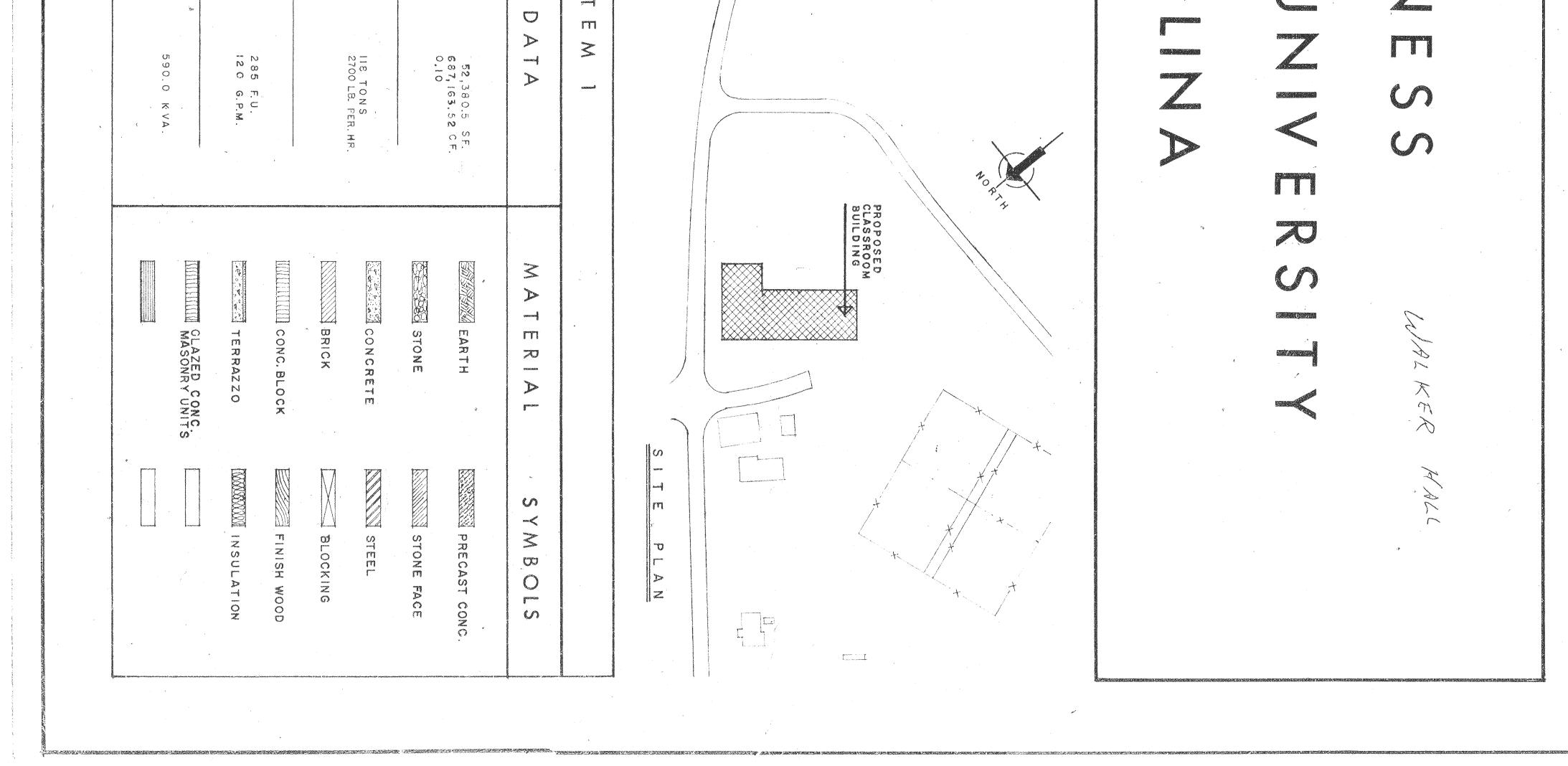
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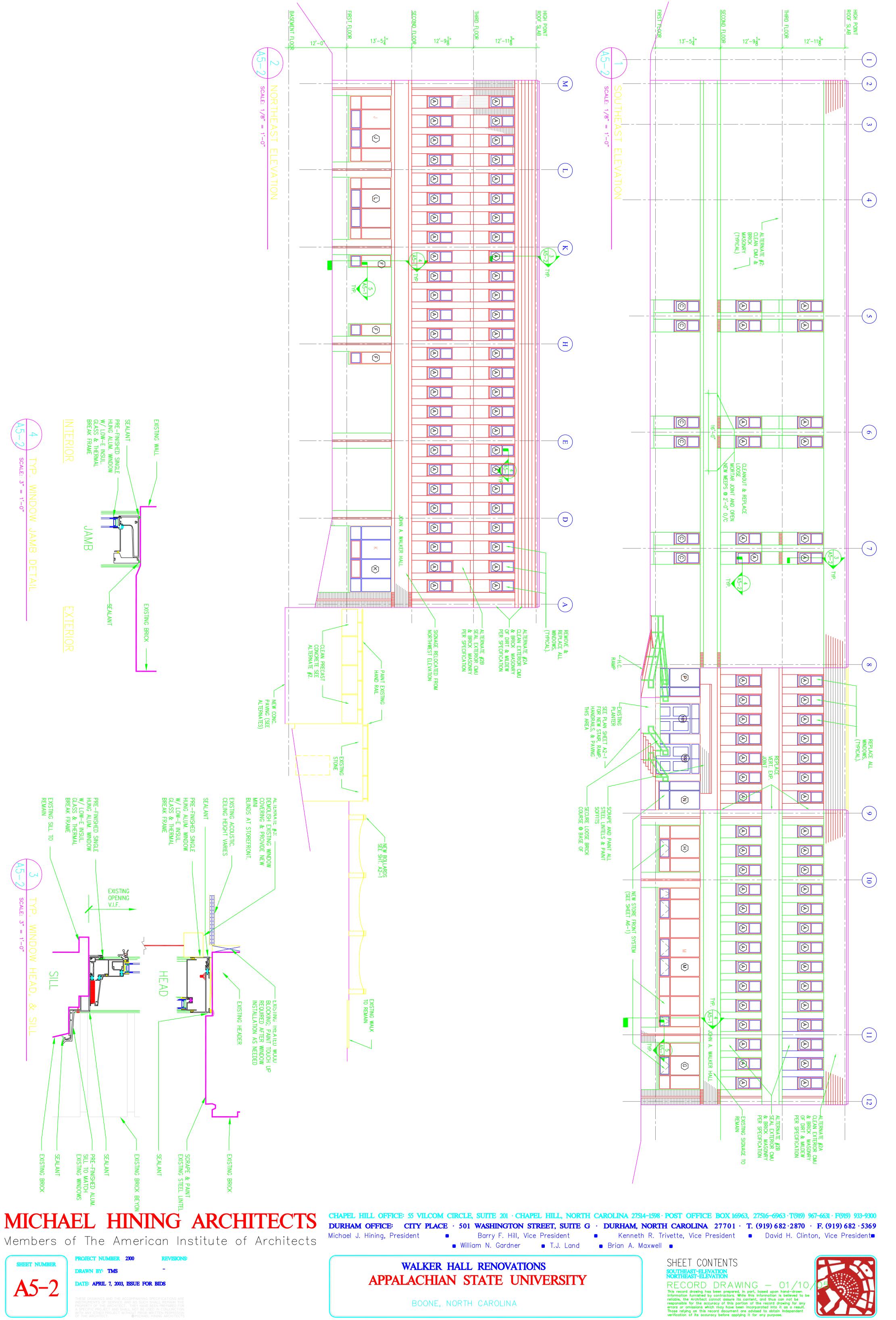
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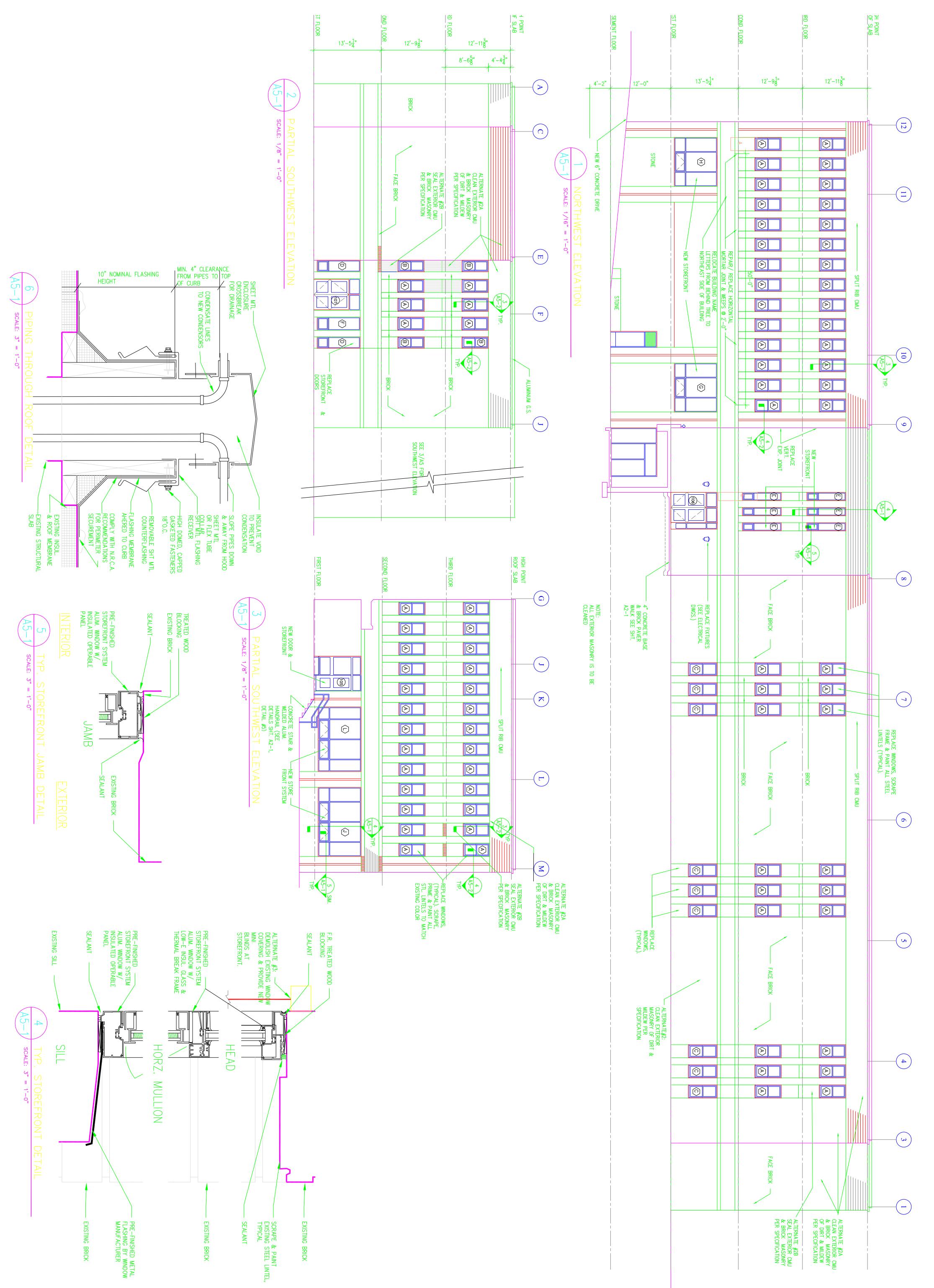
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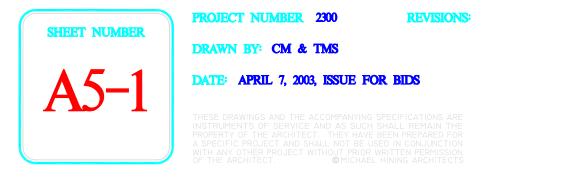








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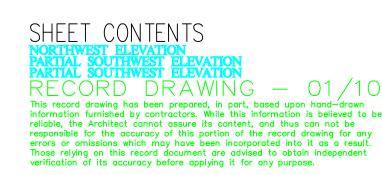
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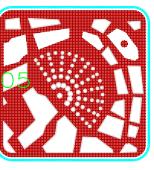
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BOONE, NORTH CAROLINA





Special Approval: (Local Jurisdiction, Department of Insurance, SBCCI, ICC, etc., describe below) ? ?	STORAGE 1 1 1403.1 1 1 N/A 1 N/A ACCESSIBLE PARKING PARKING NEGUIAR LOT OR PARKING AREA PARKING REQUIRED TOTAL # OF PARKING SPACES # OF ACCESSIBLE SPACES PROVIDED REGULAR WITH 5' VAN SPACES WITH 8' ACCESS AISLE TOTAL # ACCESSIBLE ACCESS AISLE TOTAL # ACCESSIBLE TOTAL TOTAL <th>PLUMBING FIXTURE OCCUPANCY WATERCLOSETS URINALS LAVATORIES SHOWERS/ DRINKING FOUNTAINS FIXTURE MALE FEMALE FEMALE MALE FEMALE TUBS REGULAR ACCESSIBLE OFFICE/BUS. 4 8 T403.1 3 4 N/A 3 2</th> <th>ALLOWABLE HEICHT ALLOWABLE INCREASE FOR SPRINKLERS SHOWN ON PLANS CODE REFERENCE Type of Construction Type II-A Type: N/A Type: N/A N/A Building Height in Feet 52 Feet: 65 Feet= H+20' = N/A Stories: 3 Stories: 3 Building Height in Stories 3 Stories: 5 Stories +1= N/A Stories: 3 Stories: 3</th> <th>c. Ratio $(F/P) = (NE) (F/P) - (N)$ d. W=Minimum width of public way $= \frac{530}{100}$ (W) e. Percent of frontage increase $f = 100 [F/P - 0.25] \times W/30 = \frac{75}{100}$ (%) 2. The sprinkler increase per Section 506.3 is as follows: a. Multi-story building $_{S} = 200$ percent b. Single-story building $_{S} = 300$ percent b. Single-story building $_{S} = 300$ percent J. Unlimited area application under conditions of Sections Group B,F,M,S, A-4 (507.1, 507.2, 507.3, 507.5); Group A motion picture (507.8); Malls (402.6); and H-2 aircraft paint hangers (507.6). 4. Maximum area of parking garages must comply with 406.3.5. The maximum area of air traffic control towers must comply with 412.1.2.</th> <th>Sparated Mixed Occuponery (302.3.1/302.3.2) – See below for area calculations For each story, the area of the occuponery shall be such that the sum of the ratios of the actual floor area of occuponery A + <u>Actual Area of Occuponery B</u> ≤ 1 Name Area of Occuponery A + <u>Actual Area of Occuponery B</u> ≤ 1 Name Area of Occuponery A + <u>Actual Area of Occuponery B</u> ≤ 1 Name Area of Occuponery B ≤ 1 Name Area of Area or B Buildower Name Area of Area or Area or B Buildower Name Area of Area or Area or Area or B Buildower NAME Area or A</th> <th>Special Occupancy: 508.2 508.3 508.4 508.5 508.6 508.7 508.8 Mixed Occupancy: Yes XNo Seperation: ? Hr. Exception: ? Non-Separated Mixed Occupancy (302.1 Exception) The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction for the building.</th> <th>Cross Building Area: Filmery Occupancy: FLOOR EXISTING (SQ. FT.) NEW (SD. FT.) SUB-TOTAL Sh Floor </th> <th>Image: Source in the construction Image: Source</th> <th>LEAD DESIGN PROFESSIONAL: MICHAEL HINIKG ARCHITECTS NAME LICENSE# TELEPHONE DESIGNER FIRM MICHAEL HINING ARCHITECTS MICHAEL HINING ARCHITECTS</th> <th>Name of Project: WALKER HALL RENOVATIONS Address: RIVERS STREET & BODENHEIMER DRIVE Proposed Use: BUSINESS (COLLEGE EDUCATION BUILDING) Owner or Authorized Agent: KELLY INGRAM Private Image: State Code Enforcement Jurisdiction: ? Scity BOONE, NC</th> <th></th>	PLUMBING FIXTURE OCCUPANCY WATERCLOSETS URINALS LAVATORIES SHOWERS/ DRINKING FOUNTAINS FIXTURE MALE FEMALE FEMALE MALE FEMALE TUBS REGULAR ACCESSIBLE OFFICE/BUS. 4 8 T403.1 3 4 N/A 3 2	ALLOWABLE HEICHT ALLOWABLE INCREASE FOR SPRINKLERS SHOWN ON PLANS CODE REFERENCE Type of Construction Type II-A Type: N/A Type: N/A N/A Building Height in Feet 52 Feet: 65 Feet= H+20' = N/A Stories: 3 Stories: 3 Building Height in Stories 3 Stories: 5 Stories +1= N/A Stories: 3 Stories: 3	c. Ratio $(F/P) = (NE) (F/P) - (N)$ d. W=Minimum width of public way $= \frac{530}{100}$ (W) e. Percent of frontage increase $ f = 100 [F/P - 0.25] \times W/30 = \frac{75}{100}$ (%) 2. The sprinkler increase per Section 506.3 is as follows: a. Multi-story building $ _{S} = 200$ percent b. Single-story building $ _{S} = 300$ percent b. Single-story building $ _{S} = 300$ percent J. 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LATERAL DESIGN CONTROL Earthquake ? Wind SOIL BEARING CAPACITIES Field Test (provide copy of test re Presumptive Bearing Capacity Pile size, type, and capacity	Spectral Response Acc Site Classification Basic Structural System X Bearing Wall Building Frame Building Frame Seismic Base Shear \ Analysis Procedure Architectural, Mechanico	Wind Base Shears (for (MWFRS) Vx=	Seismic (le) ? psf Snow Load: ? psf Wind Load: Basic Wind Speed ? mph (ASCE-7 Exposure Category ? ? ?	 (section 1005.3.1). Minimum widht of exit passageway (Section 1005.3.3) The loss of one means of egress shall not reduce it 50 percent of the total required (Section 1003.2.3). Assembly occupancies (Section 1008). DESIGN LOADS (NOTE: NO STRUCTURAL ALTERATIONS). Importance Factors: Wind (Iw)? Live 	I. Corridor dead end (Section 1004.3.2.3)2. Single exits (Table 1005.2.2)3. Common Path of Travel (Section 1004.2.5)EXIT WIDHUSE GROUP or SPACE DESCRIPTION(a)(b)(c)MSE GROUP DESCRIPTIONAREA sq. ft.AREA PER OCCUPANT (TABLE 1003.2.2.2)EGRESS Wid PER OCCUPANT (TABLE 1003.2.2.2)BUSINESS6635100 GSF STORAGE.3".2CLASS RM STORAGE836520 NSF 300 GSF.3".2CONF RM See Table 1003.2.2.2 to determine whether net or grave definition "Area, Gross" and "Area, Net" (Section c. Multi-story building 1s = 200 percent d. Single story building 1s = 200 percent (section 1003.3.1)003.3.1).	BASEMENTONEONEFIRST FLRTHREETHREE2ND FLOORTHREETHREE3RD FLOORTHREETHREE	LIFE Emergency Lighting: X Yes Ivo SAFETY Exit Signs: Yes Ivo SYSTEM Fire Alarm: Yes Ivo REQUIREMENTS Smoke Detection Systems: Yes Ivo Smoke Detection Systems: Yes Ivo Panic Hardware: Yes Ivo Ivo ARRANGEMENT FLOOR, ROOM, OR MINIMUM ² NUMBER OF EXITS SHOWN OF EXITS SPACE DESIGNATION REQUIRED SHOWN ALLON	west0 HR.South0 HR.Interior0 HR.Floor construction including supporting beams and joists1 HR.Roof construction including supporting beams and joists1 HR.Shafts - Exit1 HR.Shafts - Other Corridor Separation1 HR.Courdory Separation Party/Fire Wall Separation0 HR.NA.1 HR.Smoke Barrier Separation1 HR.NA.N/ANant Separation1 HR.NA.1 HR.NA.1 HR.	Bearing Walls O HR. PER TABLE 602 Exterior >30'-0" 0 HR. PER TABLE 602 North O HR. N/A 60 HR. N/A East 0 HR. N/A 0 HR. N/A South 0 HR. N/A 0 HR. N/A Interior 0 HR. N/A 0 HR. N/A Nonbearing walls 30'-O" 0 HR. N/A 0 HR. N/A Nonbearing walls 30'-O" 0 HR. N/A 0 HR. N/A 0 1 0 1 0 1 0 1 0 1 0 1 0 1	FIRE PROTECTION REQUIREMENTS Life Safety Plan Sheet #, if Provided: LS-1, LS-2, LS-3 & L BUILDING ELEMENT FIRE SEPARATION DISTANCE (FEET) REQ'D (W/* (FEET) Structural frame, including columns, girders, trusses ? 1 HR. 1 HR.	E U U I V E

$\bellevel to the term of the$ design # for design # Rated for Penetration rated Joints ARRANGEMENT MEANS OF EGRESS^{1,3} (SECTION 1004.1) REQUIRED ACTUAL DISTANCE DISTANCE BETWEEN SHOWN ON EXIT DOORS PLANS - psf K MECHANICAL SYSTEMS, SERVICE SYSTEMS, AND EQUIPN ELECTRICAL SYSTEMS AND EQUIPMENT <u>Floors over</u> unconditioned (each assembl <u>unconditioned</u> <u>space</u> (each assemb <u>Roof/ceiling</u> <u>Assembly</u> (each_assembly) <u>Walls Below Grade</u> (each assembly) <u>Exterior Walls</u> (each assembly) THERMAL ENVELOPE ENERGY SUMMARY Method of Cor ITEM CODE # 40080 ITEM # 308 💢 Pres EQUIPMENT SCHEDULES ((MECHANICAL SYSTEMS) <u>Equipment Sch</u> (Not used for Energy Cost Budget Perfo Cooling Load Energy Cost Syste Budget N.C. GRID CONSTR. NORIZTR.

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OCAL, 8. ALL FINISHES SHALL BE CLASS <u>A</u> OR ODES, 8. ALL FINISHES SHALL BE CLASS <u>A</u> OR BETTER; FLAME SPREAD OF <u>25</u> OR LESS. VING 9. WORK IS TO BE OF FIRST CLASS QUALITY SUBCONTRACTORS, AND MATERIAL SUPPLIERS SUBCONTRACTORS, AND MATERIAL SUPPLIERS SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS AND LABOR REQUIRED TO DUATELY PERFORE DUPLICATE MATERIALS, DETAILS, ETC., OF EXISTING CONDITIONS AS NECESSARY. SCALE 10. AT ALL EXISTING SURFACES TO REMAIN, THE CONDITIONS AS NECESSARY. SCALE 11. ALL WORK IS TO CONSIST OF BUILDING STANDARD MATERIALS TO MATCH EXISTING DETAILS AND FINISHES UNLESS OTHERWISE NOTED.	MTL METAL N/A NOT APPLICABLE NIC NOT IN CONTRACT NTS NOT TO SCALE O.C. ON CENTER VCT VINYL COMPOSITE TILE WD WOOD WWF WELDED WIRE FABRIC VWF WELDED WIRE FABRIC ONFORMANCE W/ FEDERAL, STATE, AND LOCAL JOBSITE AND SAFETY ORDINANCES INCLUDING BUT NOT LIMITED TO O.S.H.A. REGULATIONS.	ACT GYP. WB GYPSUM WALLBOARD HC HADICAPPED HM HOLLOW METAL	19) 933–9300 S 28) 456–6205 28) 262–6472	Vacin Compus Map, Files \range reported to the second seco	
	 SEE SPECIFICATION FOR PHASING SCHEDULE OF WORK IN SUPPLLEMENTARY GENERAL CONDITIONS THE SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: WINDOW, STOREFRONT, AND EXTERIOR DOOR REPLACEMENT CHILLER AND COOLER REPLACEMENT(SEE PHASING SCHEDULE) ADDRESSABLE FIRE ALARM SYSTEM LIFE SAFETY UPGRADES; STAIR ENCLOSURE, RATED DOORS, HANDRAILS, AREAS OF REFUGE, MEANS OF EGRESS FROM CLASSROOMS PLUMBING FIXTURE, TOILET ACCESSORY & TOILET ROOM & STALL ALTERATIONS & UPGRADES ADA ACCESSIBILITY UPGRADES TO DRINKING FOUNTAINS, TOILETS, ENTRIES, ACCESSIBLE ROUTES, SIGNAGE, RAMPS, HANDRAILS, AND STAIRS UPGRADES/ IMPROVEMENTS TO INTERIOR FINISHES IN 	M7 BASEMENT FLOOR MECHANICAL PLAN & MISC. DETAILS M8 THIRD FLOOR MECHANICAL PLAN M9 SECOND FLOOR MECHANICAL PLAN M10 THIRD FLOOR MECHANICAL PLAN M11 MECHANICAL SCHEDULES & DETAILS ELECTRICAL SCHEDULES & DETAILS ELECTRICAL SYMBOL, & FIXTURE SCHEDULES, & ELECTRICAL SYMBOL, & FIXTURE SCHEDULES, & ELECTRICAL DEMOLITION PLAN E2 SECOND FLOOR ELECTRICAL DEMOLITION PLAN E3 FIRST FLOOR ELECTRICAL DEMOLITION PLAN E4 SECOND FLOOR ELECTRICAL DEMOLITION PLAN E5 THIRD FLOOR ELECTRICAL DEMOLITION PLAN E5 FIRST FLOOR ELECTRICAL DEMOLITION PLAN E6 BASEMENT ELECTRICAL PLAN FIRST FLOOR ELECTRICAL PLAN FIRST FLOOR ELECTRICAL PLAN FIRST FLOOR ELECTRICAL PLAN SECOND FLOOR ELECTRICAL PLAN FIRST FLOOR ELECTRICAL PLAN SECOND FLOOR ELECTRICAL PLAN FIRST FLOOR EL	PLUMBING P1 FIRST FLOOR PLUMBING PLAN P2 SECOND FLOOR PLUMBING PLAN P3 THIRD FLOOR PLUMBING PLAN M1 ENERGY MANAGEMENT, PUMP DETAILS, COOLING FLOW DIAGRAMS, STEAM PRESSURE REDUCING DETAIL M2 UL DETAILS FOR FIRE DAMPERS, AND FIRE RESISTANCE BASEMENT MECHANICAL DEMOLITION PLAN M3 BASEMENT MECHANICAL DEMOLITION PLAN M4 SECOND FLOOR MECHANICAL DEMOLITION PLAN M6 BASEMENT MECHANICAL DEMOLITION PLAN M6 BASEMENT MECHANICAL DEMOLITION PLAN M5 THIRD FLOOR MECHANICAL DEMOLITION PLAN M6 BASEMENT MECHANICAL DEMOLITION PLAN M6 BASEMENT MECHANICAL PLAN, TYPICAL COOLING TOWER PIPING SCHEMATIC CONDENSATE LINIT PIPING SCHEMATIC	SP-1 SITE PLAN LFESAFETY LAN LES-1 BASEMENT FLOOR LIFE SAFETY PLAN LS-2 FIRST FLOOR LIFE SAFETY PLAN LS-2 LS-3 SECOND FLOOR LIFE SAFETY PLAN LS-4 THIRD FLOOR LIFE SAFETY PLAN LS-4 THIRD FLOOR LIFE SAFETY PLAN ARCHITECTURAL A1-1 BASEMENT PLAN - DEMOLITION A1-2 FIRST FLOOR PLAN - DEMOLITION A1-4 THIRD FLOOR PLAN - DEMOLITION A1-4 THIRD FLOOR PLAN - DEMOLITION A2-1 BASEMENT FLOOR PLAN - DEMOLITION A2-2 FIRST FLOOR PLAN - DEMOLITION A2-3 SECOND FLOOR PLAN - RENOVATION A2-4 THIRD FLOOR PLAN - RENOVATION A2-4 THIRD FLOOR PLAN - RENOVATION A3-1 ENLARGED TOILET ROOMS/ LOBBY PLANS A4-1 FIRST FLOOR PLAN - REFLECTED CELLING PLAN A4-2 SECOND FLOOR PLAN - REFLECTED CELLING PLAN A5-1 ENTERIOR ELEVATIONS A5-2 ENTERIOR ELEVATIONS A5-3 ENTERIOR ELEVATIONS A6-1 WINDOW TYPES, STOREFRONTS, DOOR & FRAME SCHEDUL	INDEX OF DRAWINGS: T1-1 BUILDING CODE SUMMARY, INDEX, SITE MAP. SITE PLAN

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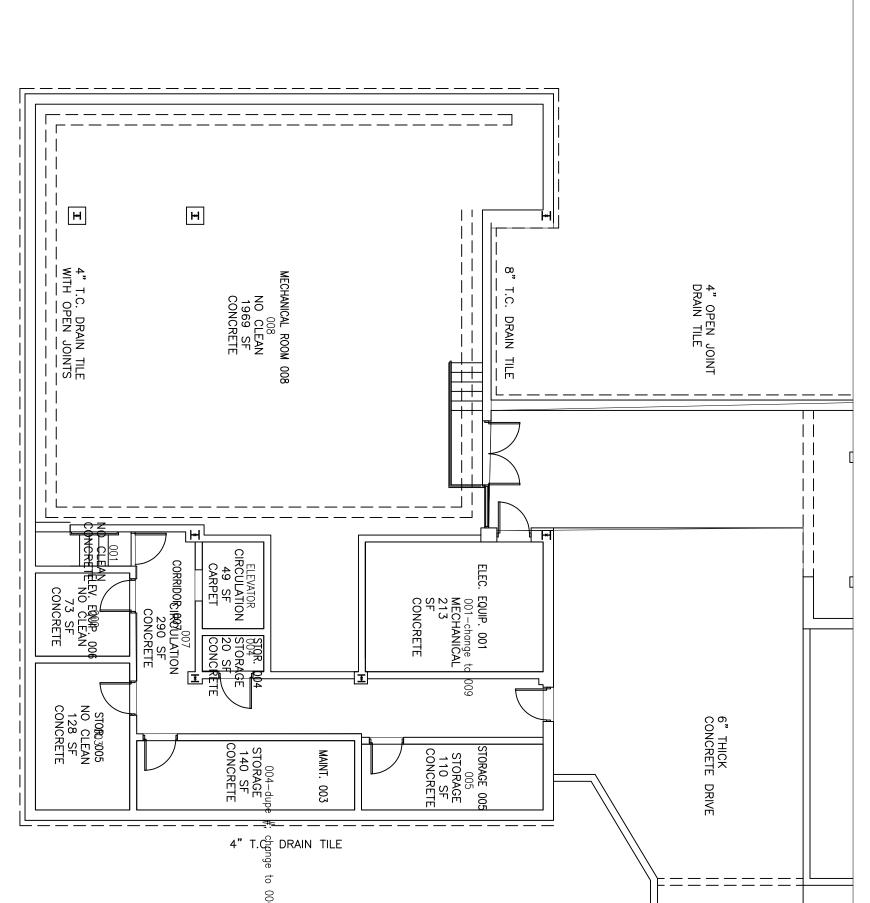
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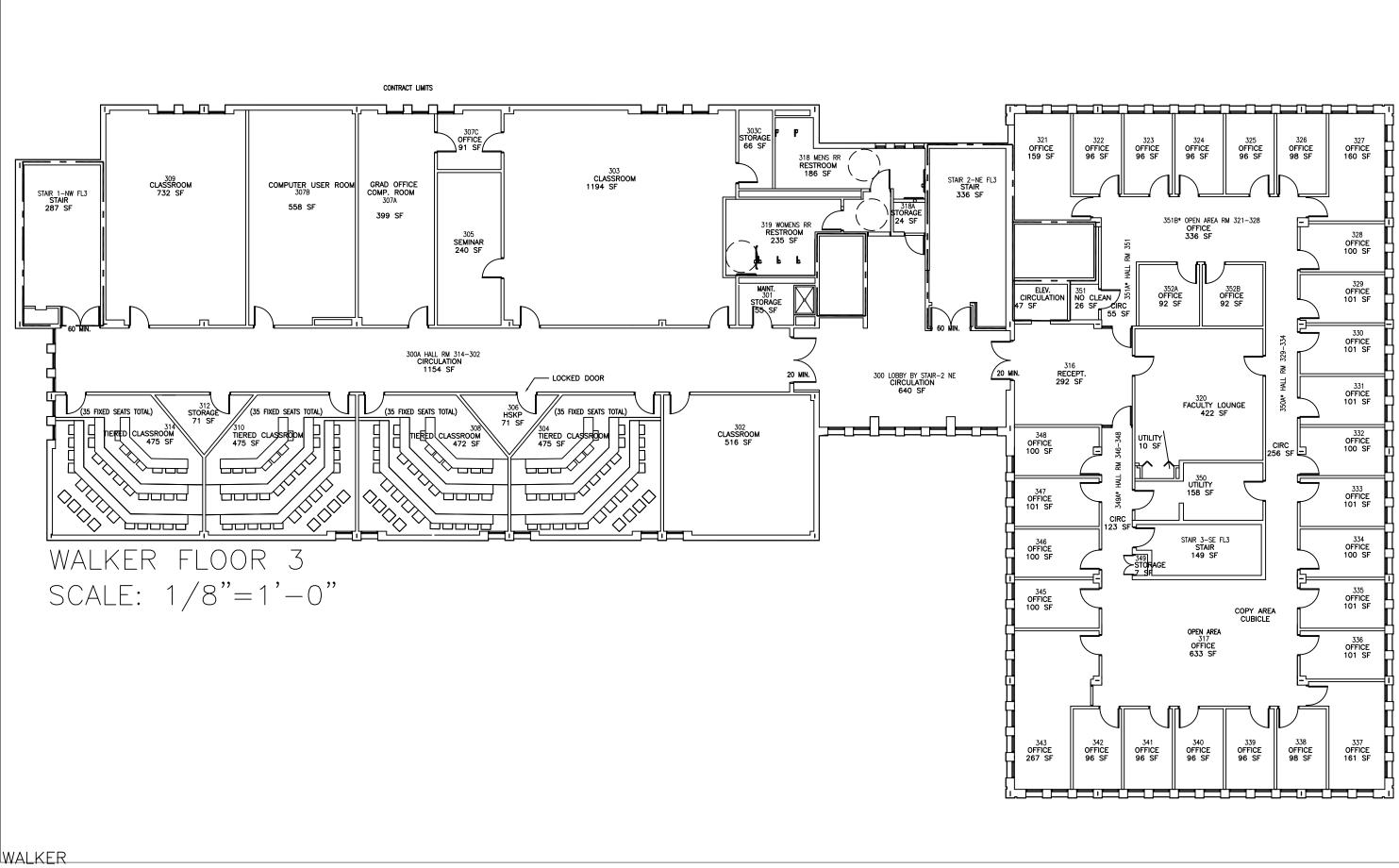
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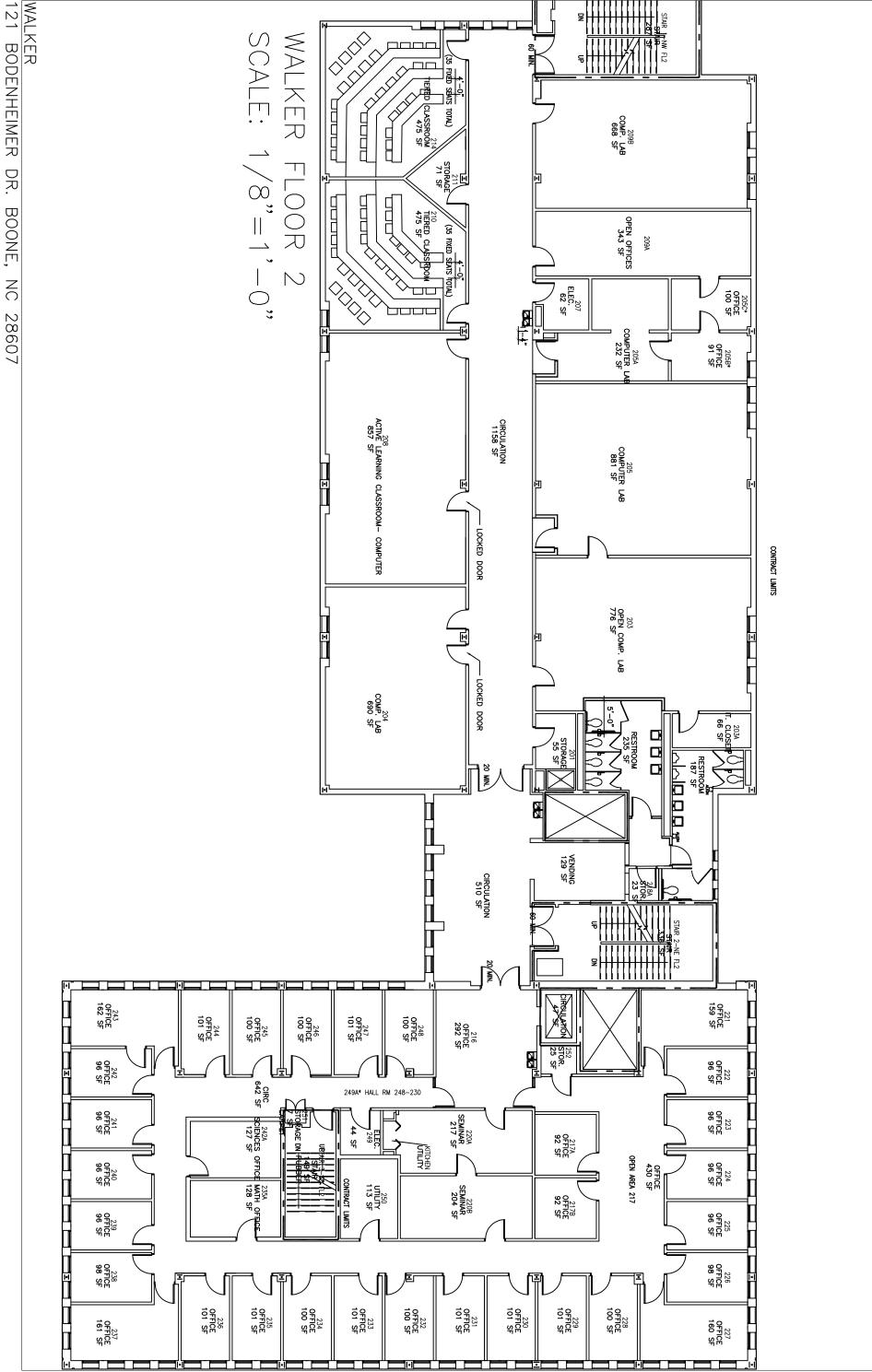




WALKER GROUND FLOOR SCALE: 1/8"=1'-0"







WALKER 121 BODENHEIMER DR. BOONE, NC 28607 LAST UPDATED: 4/5/23

