

BID DOCUMENTS

07 MAY 2014 VOLUME 1 OF 1

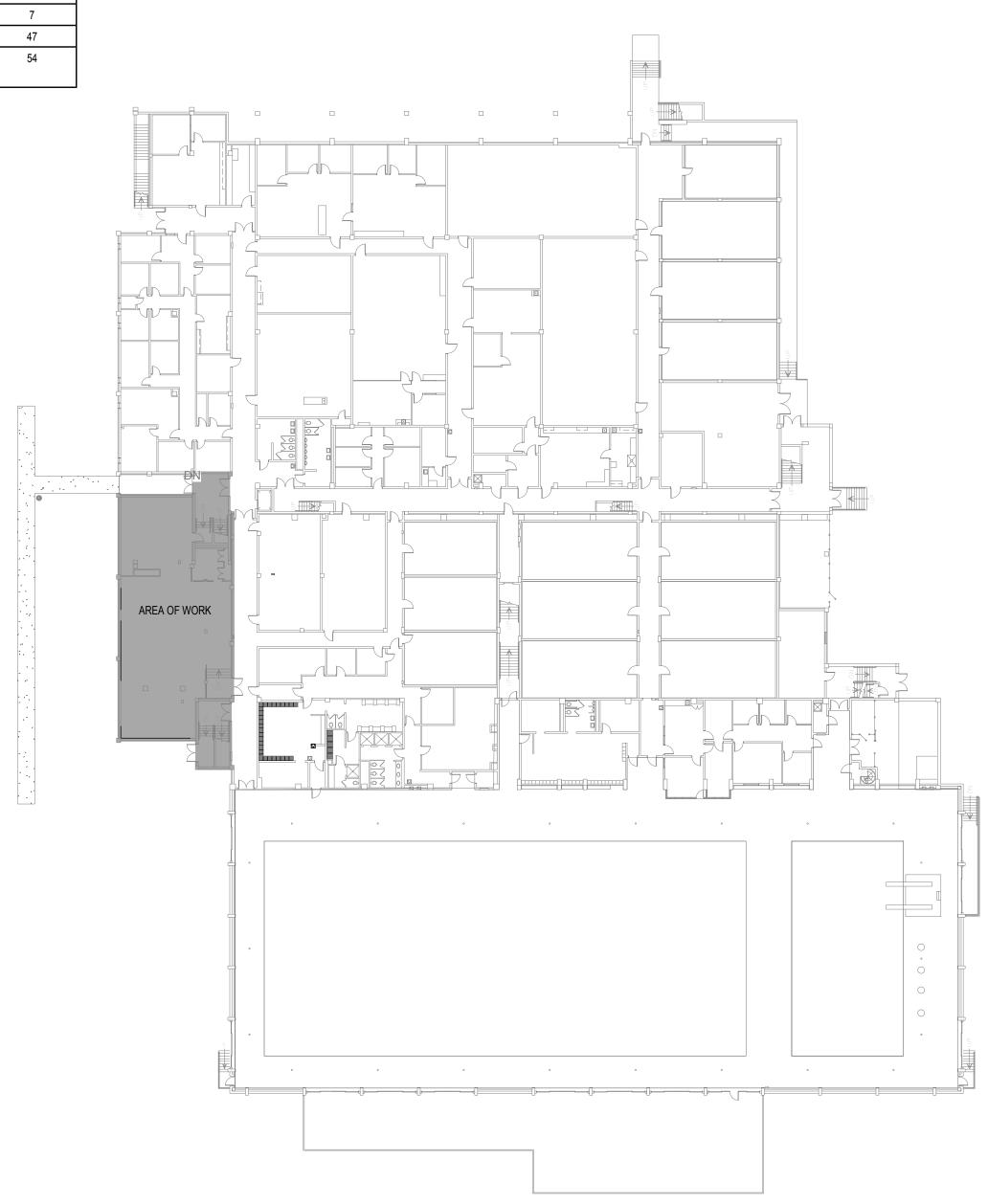
INDEX TO DRAWINGS

	TITLE SHEET
T1.1	TITLE SHEET AND KEY PLAN
	LIFE SAFETY
X1.1	LIFE SAFETY FIRST FLOOR PLAN
	CIVIL
C1.0	EXISTING CONDITIONS - SITE DEMO PLAN
C2.0 C3.0	SITE LAYOUT PLAN GRADING AND DRAINAGE PLAN
C4.0 C5.0	SEDIMENT AND EROSION CONTROL PLAN SITE DETAILS
	LANDSCAPE
L1.0	LANDSCAPE PLAN
	DEMOLITION
D1.1	FIRST FLOOR DEMOLITION PLAN
D2.1	FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN
	ARCHITECTURAL
A1.1	FIRST FLOOR PLAN
A2.1	FIRST FLOOR REFLECTED CEILING PLAN
A3.1	PARTITION TYPES, ENLARGED PLANS & PLAN DETAILS
A4.1 A6.1	BUILDING ELEVATIONS
A0.1 A7.1	WALL SECTIONS DOORS SCHEDULES, DOOR TYPES, AND STOREFRONT
A8.1	FINISHES
	STRUCTURAL
S0.1 S1.1	NOTES AND TYPICAL DETAILS FOUNDATION AND ROOF FRAMING PLANS
S1.1 S2.1	WALL SECTIONS
	MECHANICAL
M1.1	FIRST FLOOR PLAN, DETAILS, NOTES, SCHEDULES, AND LEGEND
	PLUMBING
P1.1	FIRST FLOOR PLANS
P2.1	DETAILS, NOTES, SCHEDULE, AND LEGEND
F 4.0	
E1.0 E2.0	ELECTRICAL DEMOLITION PLAN ELECTRICAL RENOVATION PLAN

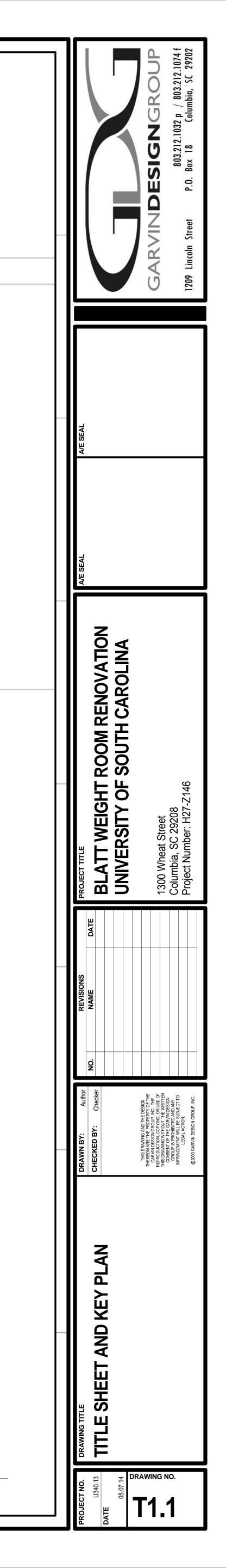
PANELBOARD SCHEDULE & DETAILS

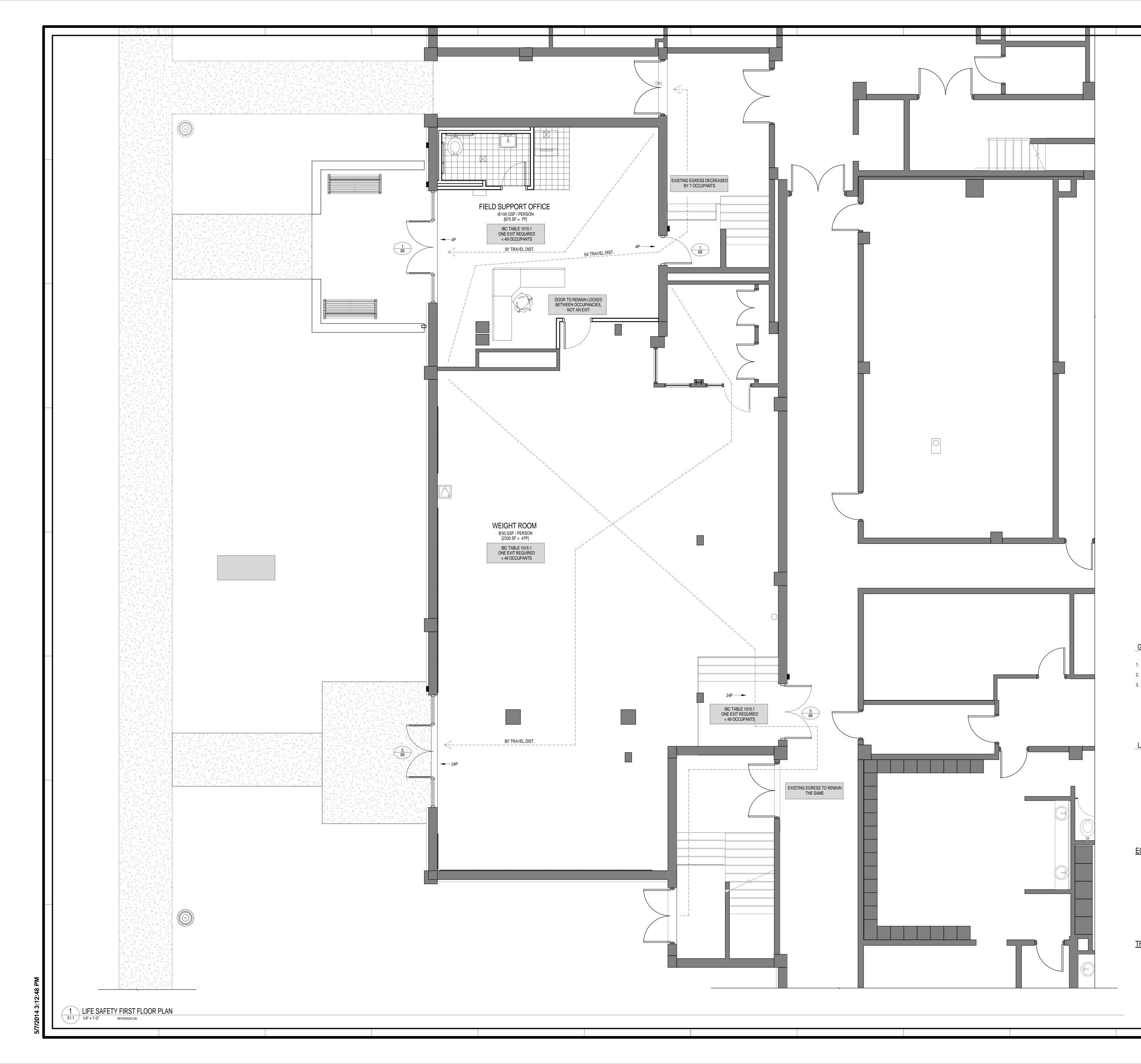
CY CALCULATIONS				
FLOOR AREA IN SF/OCCUPANT	DESIGN OCCUPANT LOAD			
100 GROOS	7			
0 GROSS/EXERCISE ROOM	47			
PANT LOAD	54			

E3.0



KEY PLAN - GROUND FLOOR/FIRST FLOOR T1.1 / 1/32" = 1'-0" REFERENCED ON: A4.1





GENERAL NOTES - LIFE SAFETY

1. SEE CODE RELATED INFORMATION ON SHEET T1.1

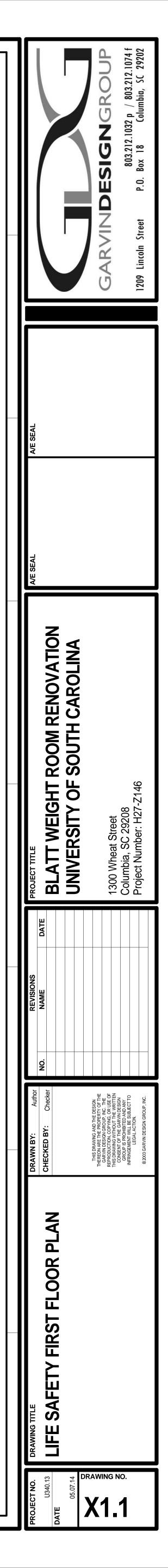
2. MAXIMUM TRAVEL DISTANCE TO AN EXIT = 200 FEET

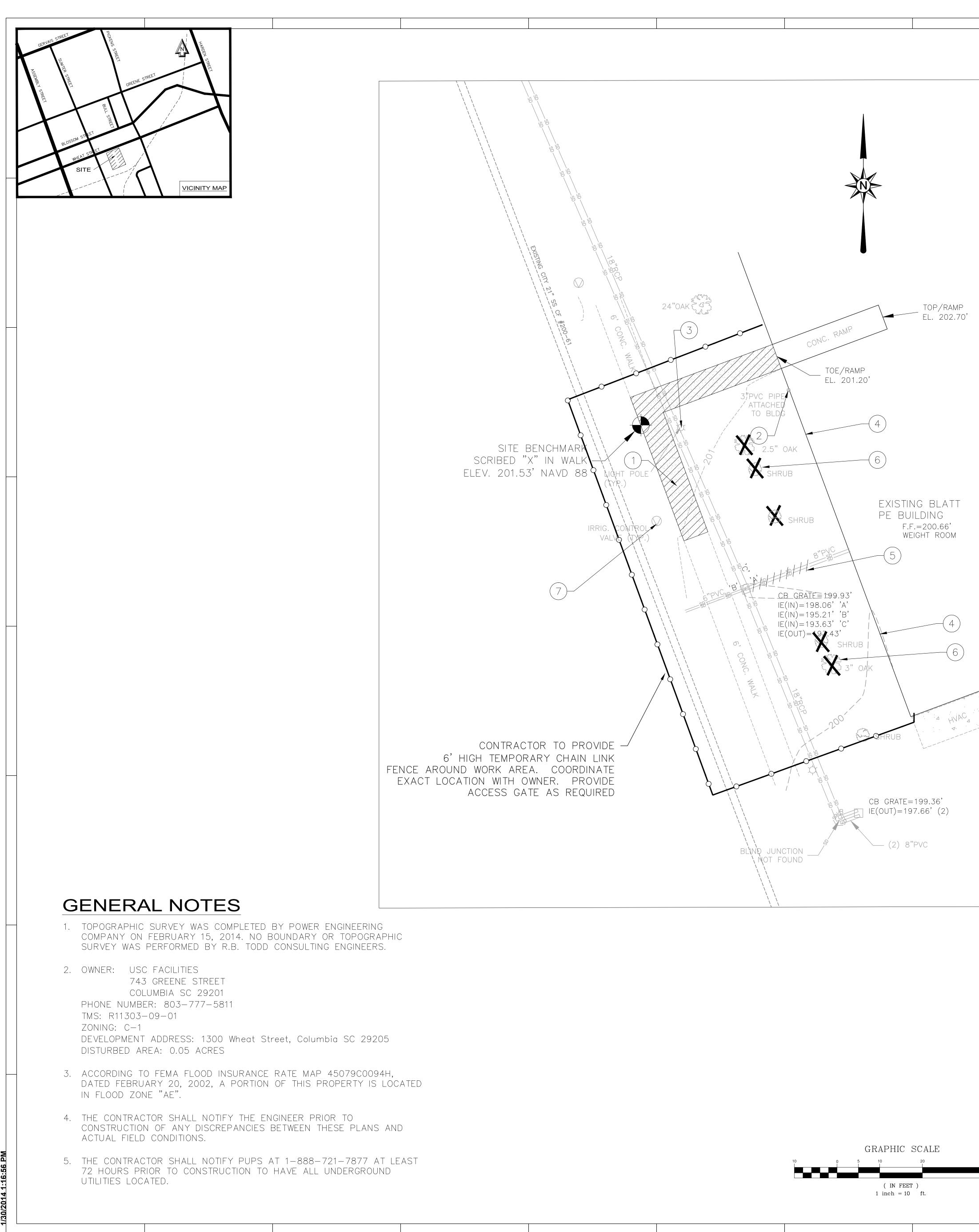
3. EXIT SIGNS ARE SHOWN ON ELECTRICAL DRAWINGS

LEGEND - LIFE SAFETY

SEE	ONE-HOUR FIRE-RATED WALL ASSEMBLY TWO-HOUR FIRE-RATED WALL ASSEMBLY HALF-HOUR FIRE-RATED WALL ASSEMBLY PARTITION TYPES FOR UL DESIGN NO'S.
FE-C FE-C FE-B	FIRE EXTINGUISHER RECESSED IN WALL CABINET FIRE EXTINGUISHER MOUNTED ON WALL BRACKETS
$\overrightarrow{\mathfrak{O}}$	EXIT LIGHTS - SEE ELECTRICAL DRAWINGS FOR LOCATIONS
EGRESS WID	TH SYMBOLS
	UIRED EGRESS WIDTH AT DOOR, IN INCHES ESS WIDTH PROVIDED AT DOOR, IN INCHES
<u>4' - 0"</u> (3'-8")	EGRESS WIDTH PROVIDED AT PASSAGE REQUIRED EGRESS WIDTH AT PASSAGE
23 —	# OF PEOPLE/DIRECTION OF TRAVEL
[9,960 SF = 50P]	NET (OR GROSS) SQ. FT./# OF PEOPLE (OCCUPANCY OF SPACE)
TRAVEL DIST	ANCE LEGEND
<i>د</i> م	246'-1" TRAVEL 200' TO EXIT FROM REMOTE CORNER DIST.

EXSITING WALL TO REMAIN

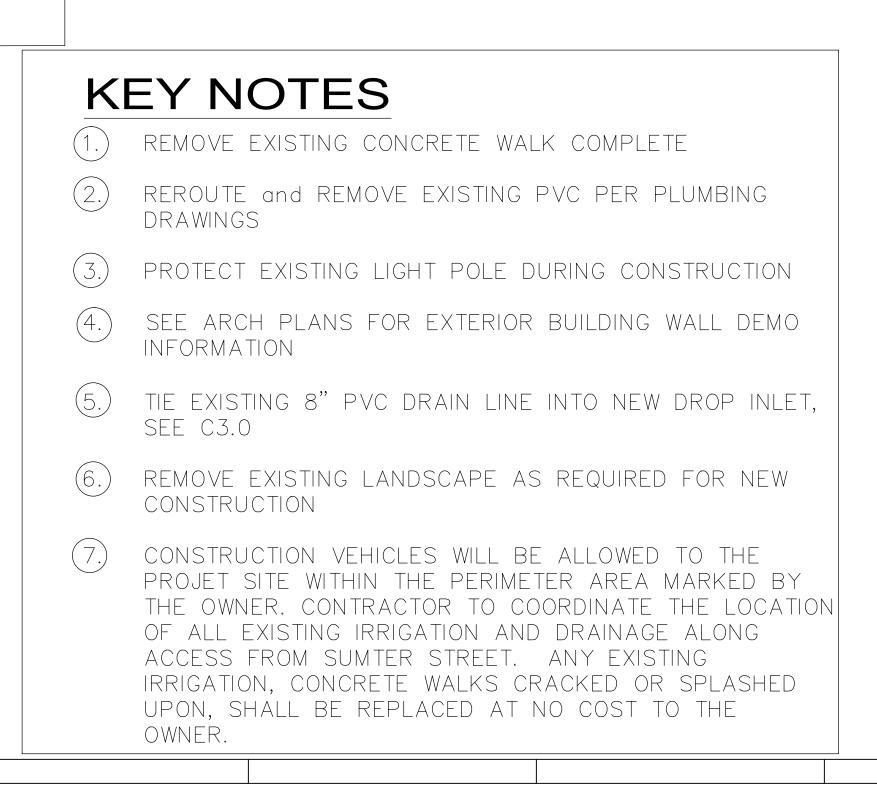


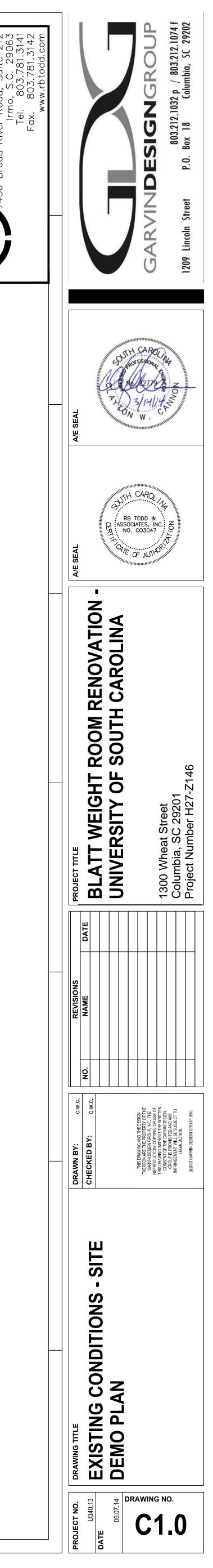


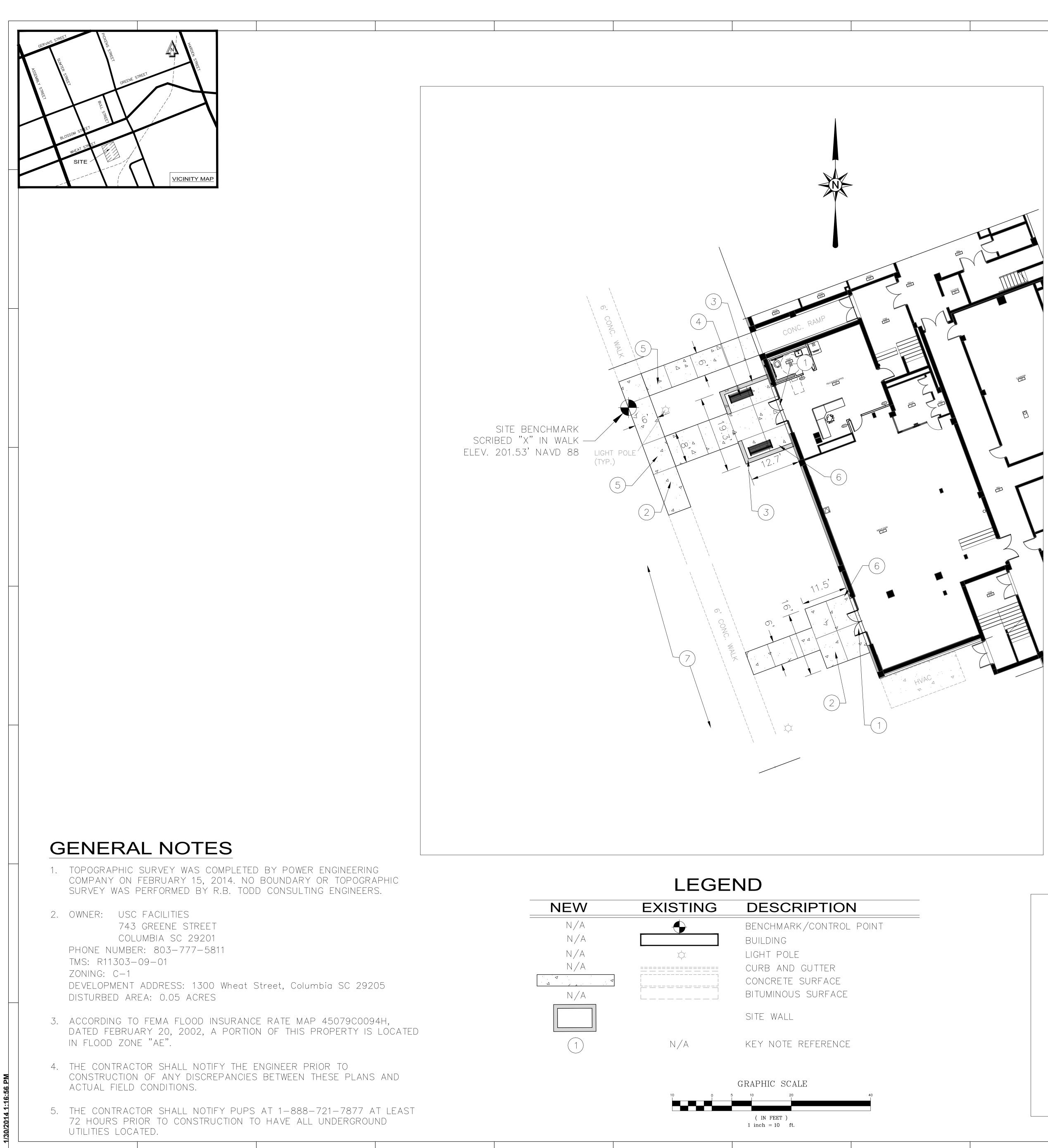
LEGEND

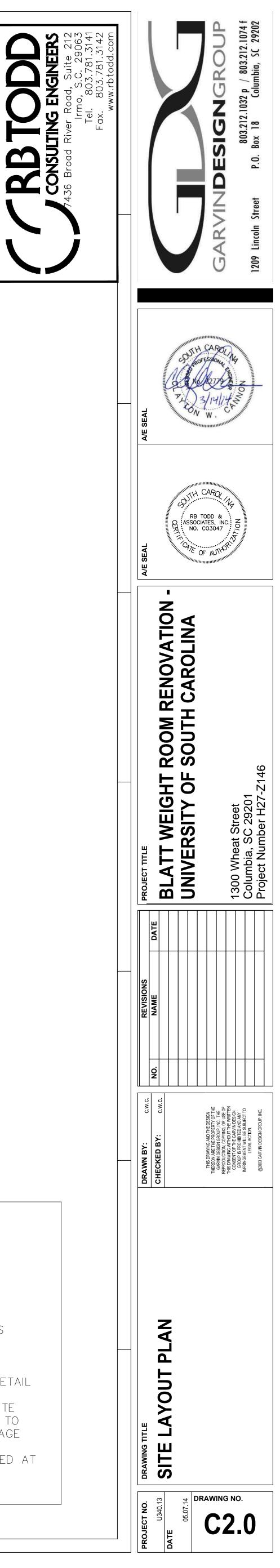
DEMOLITION EXISTING DESCRIPTION

N/A	\bullet	BENCHMARK/CONTROL POINT
N/A	T	PROPERTY LINE/RIGHT OF WAY
N/A		BUILDING
N/A	φ.	LIGHT POLE
X		TREE/SHRUB
<u>IIIII</u>		BITUMINOUS SURFACE
		CONCRETE SURFACE
N/A	309	CONTOUR
N/A	× (309.50)	SPOT ELEVATION
-00	N/A	CHAIN LINK FENCE
N/A	$\overset{\forall\forall\forall}{\succ}$	WATER VALVE
N/A	\bowtie	WATER METER
N/A		UNDERGROUND ELECTRIC LINE w/light pole
N/A	S	SANITARY SEWER LINE w/MANHOLE
N/A	CO	SANITARY SEWER CLEANOUT
N/A	SDSDSDSDSD	STORM DRAIN LINE w/STRUCTURE
	N/A	KEY NOTE REFERENCE

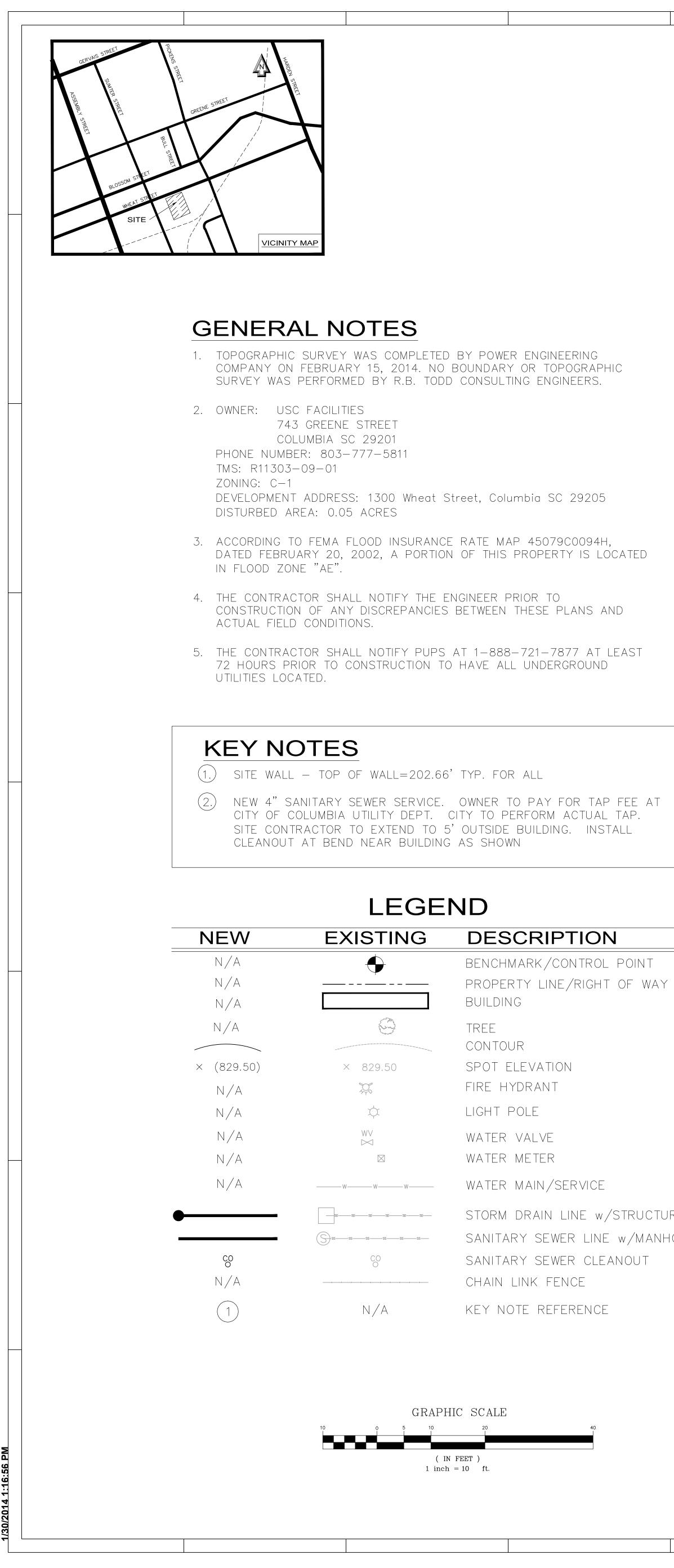




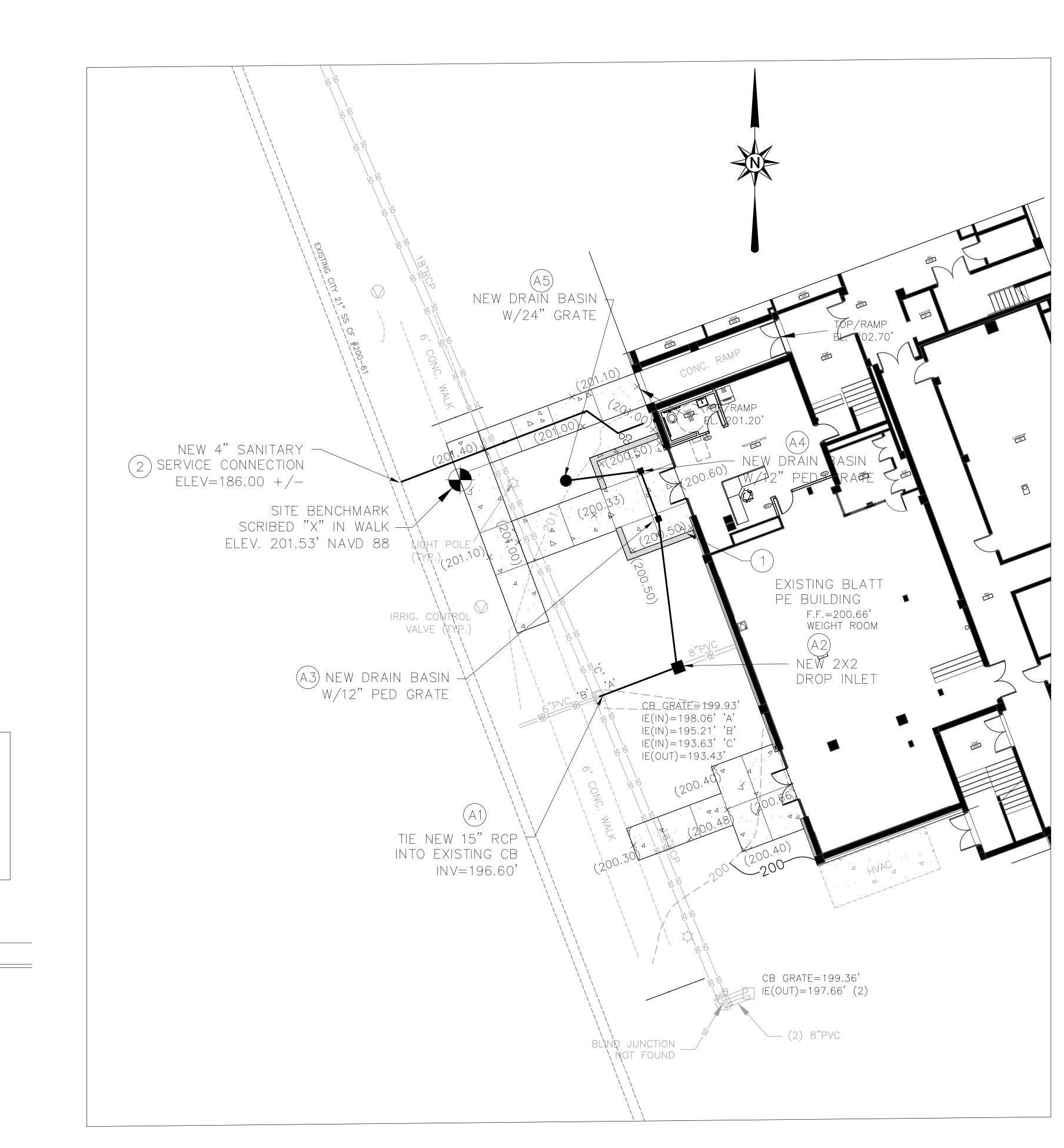




KEY NOTES 1. NEW EXTERIOR DOOR/ENTRY - SEE ARCH PLANS 2. NEW 4" THICK EXTERIOR CONCRETE 3. NEW SITE WALL - SEE ARCH FOR WALL SECTION 4. NEW BENCH SEAT - TYP. OF 2, SEE ARCH PLANS FOR DETAILS 5. REMOVE AND REPLACE EXISTING CONCRETE WALK 6. SEE STRUCTURAL PLAN FOR THICKENED EDGE LOCATION AND DETAIL 7. CONSTRUCTION VEHICLES WILL BE ALLOWED TO THE PROJECT SITE WITHIN THE PERIMETER AREA MARKED BY THE OWNER. CONTRACTOR TO COORDINATE THE LOCATION OF ALL EXISTING IRRIGATION, AND DRAINAGE ALONG ACCESS FROM SUMTER STREET. ANY EXISTING IRRIGATION, CONCRETE WALKS CRACKED OR SPLASHED UPON, SHALL BE REPLACED AT NO COST TO THE OWNER.



STORM DRAIN LINE w/STRUCTURE SANITARY SEWER LINE w/MANHOLE



PROPOSED STORM DRAINAGE STRUCTURE TABLE

IDENTIFICATION	DESCRIPTION	RIM/THR./GR.	INVERT(S) IN	INVERT OUT	DOWNSTREA PIPE
A1	EXIST DI		196.60		
A2	DI - 2X2	199.80	197.50	196.80	15 LF 15"@ 1.33
A3	DRAIN BASIN -12" GR	200.45	197.81	197.76	26 LF 12" @ 1.00
A4	DR BASIN - 12" GR	200.45	197.95	197.90	9 LF 12" @ 1.009
A5	DR BASIN – 24" GRATE	200.25		198.08	13 LF 12" @ 1.00
* ALL INLET FRAME /	AND GRATES IN HARD SUR	FACE AREAS TO BE PEDE	STRIAN ADA COMPLIANT		

A

I (WE) CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN.

DATE

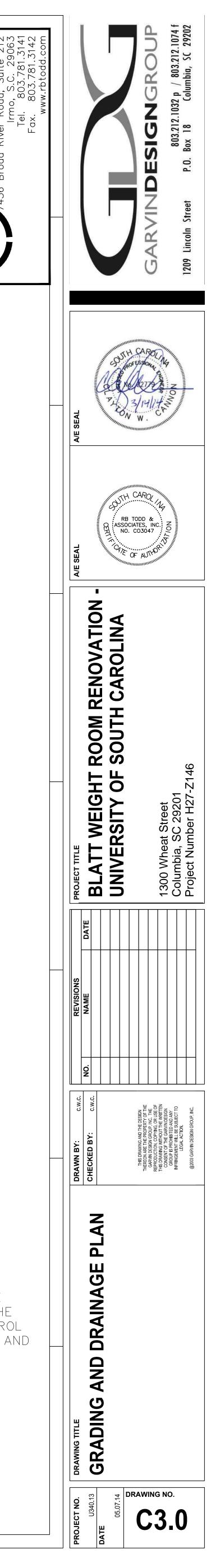
PERMIT APPLICANT

DOWNSTREAM PIPE ___ 15"@1.33% - 12"@ 1.00% F 12"@ 1.00% - 12"@ 1.00%

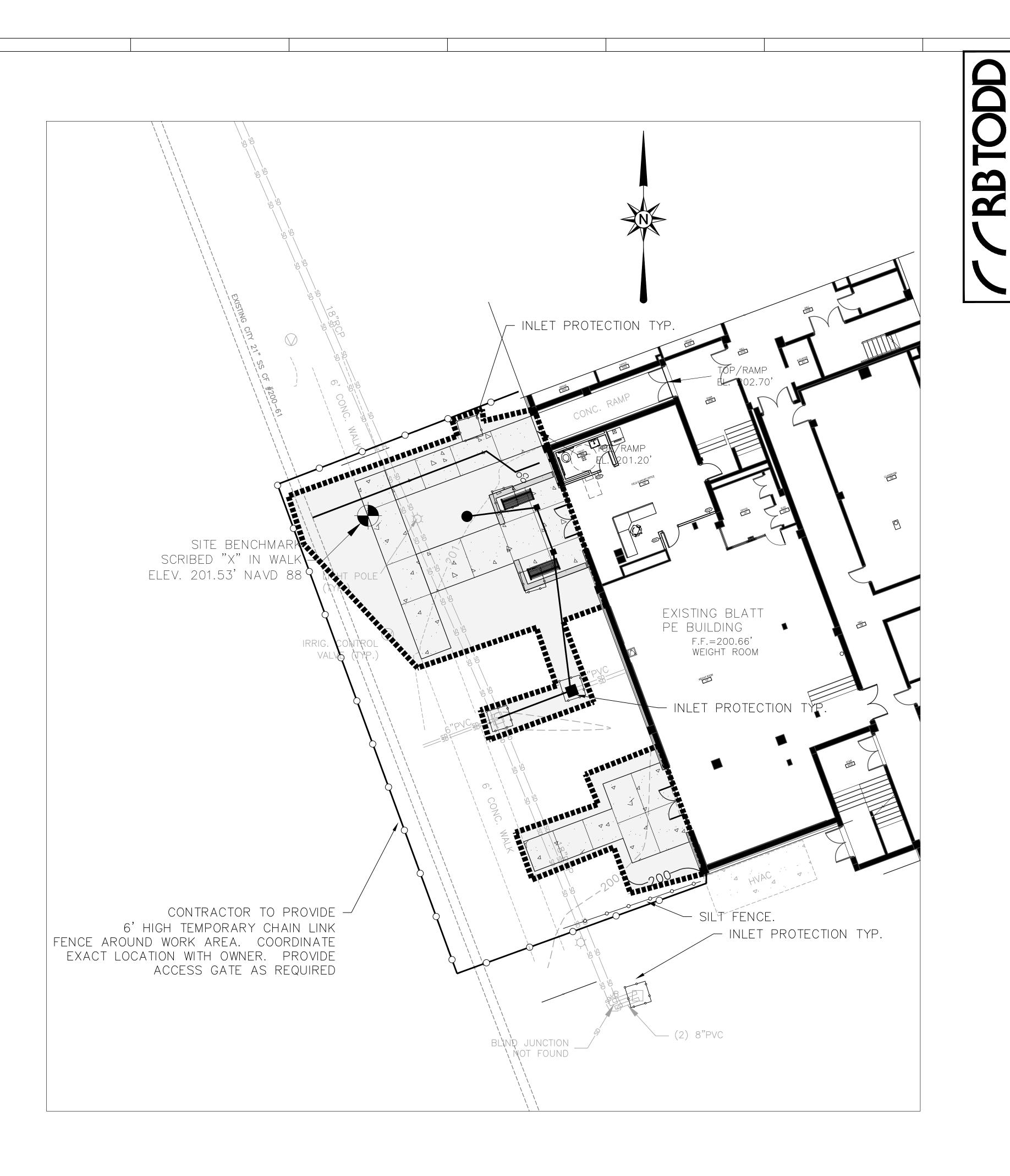
I HEREBY CERTIFY THAT THIS PLAN IS DESIGNED TO MEET STORM DRAINAGE REQUIREMENTS AND TO CONTAIN SILT ON THE PROPERTY CONCERNED TO THE MAXIMUM EXTENT FEASIBLE. PROVISIONS FOR EROSION AND SEDIMENT CONTROL AND STORM DRAIANGE ARE IN ACCORDANCE WITH THE COLUMBIA SEDIMENT AND EROSION CONTROL AND STORM DRAINAGE ORDINANCE.

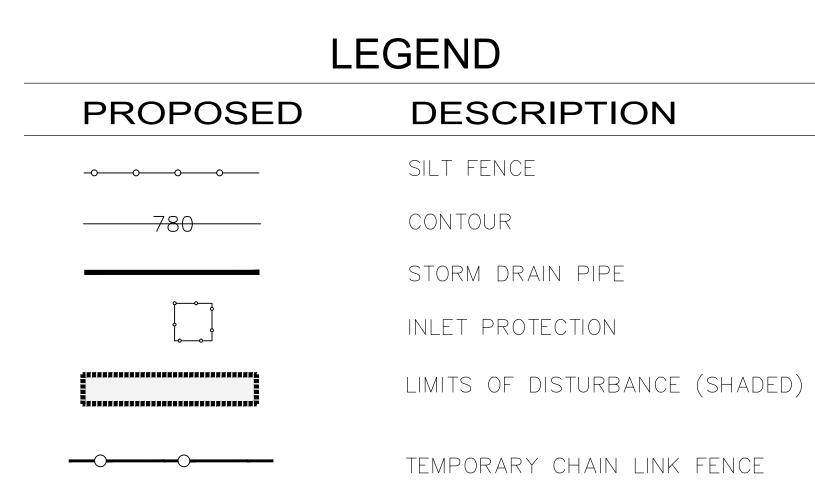
DATE

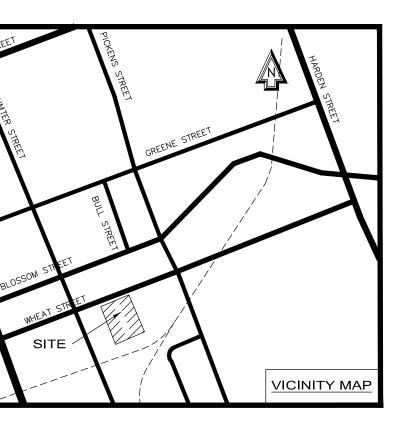
REGISTERED ENGINEER



ΔΙ	RBORNE DUST CONTROL
THE AS MAN AIRE	CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES DUTLINED IN THE SOUTH CAROLINA DHEC STORMWATER AGEMENT BMP HANDBOOK AS NEEDED TO CONTROL FORNE DUST DURING CONSTRUCTION. COORDINATE WITH NEER PRIOR TO IMPLEMENTATION OF VARIOUS MEASURES.
	ONSTRUCTION SEQUENCE OF ENTIRE CONSTRUCTION REA FOR EROSION AND SEDIMENT CONTROL
2. 3. 4. 5.	PRE-CONSTRUCTION MEETING (ON-SITE IF MORE THAN 10 DISTURBED AND NON-LINEAR). NOTIFY CITY OF COLUMBIA OFFICE 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES. INSTALLATION OF PERIMETER CONTROLS (E.G., SILT FENCE, INLET PROTECTION ON EXISTING STRUCTURES). CLEARING & GRUBBING OF SITE FOR DEMOLITION (SEDIMENT & EROSION CONTROL MEASURES FOR THESE AREAS MUST ALREADY BE INSTALLED). BUILDING DEMO/RENOVATION WORK
7. 8. 9. 10. 11. 12.	ROUGH GRADING. INSTALLATION OF STORM DRAIN SYSTEM AND PLACEMENT OF INLET PROTECTION AS EACH INLET IS INSTALLED. INSTALLATION OF SITE PLANTER WALLS FINE GRADING EXTERIOR CONCRETE INSTALLATION FINAL SITE LANDSCAPING AND CLEANUP REMOVAL OF TEMPORARY SEDIMENT & EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS
	FINALLY STABILIZED (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER/OPERATOR HAVE THE SWPPP PREPARER OR REGISTRATION EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES).
	ROSION AND SEDIMENT CONTROL MEASURES
THE C DEPAF CONTF RUNOF CONS ⁻ REQUI	ONTRACTOR IS ADVISED THAT ALL GRADING AND DRAINAGE WORK ON THE PROJECT IS PERMITTED UNDER THE REQUIREMENTS OF THE SOUTH CAROLINA TIMENT OF HEALTH AND ENVIRONMENTAL CONTROL, DIVISION OF STORMWATER MANAGEMENT. COMPLIANCE WITH THE PERMITTED CONDITIONS IS MANDATORY. ACTOR SHALL RELY ON EXPERIENCE AND CONTROL OF THE WORK TO PROVIDE ADEQUATE AND ORDERLY CONSTRUCTION METHODS TO CONTROL STORMWATE F AND PREVENT THE EXCESSIVE MIGRATION OF SEDIMENTS FROM THE SITE. THE CONTRACTOR ALSO SHALL DIRECT INSTALLATION OF NECESSARY TEMPORAF RUCTION MEASURES TO CONTROL STORMWATER RUNOFF. ALL STORMWATER MANAGEMENT MEASURES SHALL BE INSPECTED AFTER EACH RAIN EVENT AND A RED MAINTENANCE SHALL BE PERFORMED.
STC	ENCES OR EQUIVALENT SEDIMENT CONTROL SHALL BE INSTALLED WHERE INDICATED AND MAINTAINED IN ACCORDANCE WITH THIS PLAN.
AREA INSTA THEM. STA	PRARY BARRIERS OF EITHER SILT FENCING OR ROCK RIPRAP SHALL BE INSTALLED AND MAINTAINED AROUND STORM DRAINAGE STRUCTURES UNTIL THEIR DR IS STABILIZED. STORM DRAINAGE PIPES, INCLUDING OUTLET PROTECTION, SHALL BE INSTALLED AS SOON AS EARTH GRADING IS ADEQUATE TO ACCEPT PIPE LATION. INLET STRUCTURES SHALL BE CONSTRUCTED AS THE EARTHFILL IS PLACED AND CONSTRUCTION SHALL AT ALL TIMES PROVIDE SURFACE DRAINAGE TEMPORARY BARRIERS SHALL BE INSTALLED AND MAINTAINED AT EACH INLET AS THE EARTH FILL RISES. BILIZATION OF DISTURBED AREAS RBED AREAS SHALL RECEIVE STABILIZING MEASURES WITHIN 14 DAYS AFTER DISTURBANCES, UNLESS CONSTRUCTION WILL RESUME IN THAT AREA WITHIN 21
from	PECTION AND MAINTENANCE ENT CONTROL SYSTEMS SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER ANY RAINFALL EVENT EXCEEDING 0.5 INCH. ANY NEEDED CORRECTIONS OR
MAINT REN	ENANCE SHALL BE ACCOMPLISHED IMMEDIATELY THEREAFTER. IOVAL OF SEDIMENT CONTROL SYSTEMS WRARY EROSION CONTROL MEASURES SHALL BE REMOVED AFTER EACH AFFECTED AREA HAS BEEN "FINALLY STABILIZED".
TEN TEMPO DIVER TEMPO	IPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AFTER EACH AFFECTED AREA HAS BEEN FINALLY STABILIZED . IPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/ I SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS. IRARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO PREVENT FLOW OF STORMWATER OVER DISTURBED AREA. TEMPORARY DIVERSION OUTLETS S ADEQUATE CAPACITY AND TERMINATE INTO DENSE VEGETATION, ROCK RIP RAP, STORM STRUCTURES OR SIMILAR MEASURES TO REDUCE EROSION AT THE C
TEMPO OF TE RIDGE	WRARY DIVERSION CHANNELS SHALL BE CONSTRUCTED AND MAINTAINED AT A MINIMUM OF 1 PERCENT GRADE AND A MAXIMUM GRADE OF 2 PERCENT. THE MPORARY DIVERSIONS SHALL BE RESTORED ANYTIME THE EXCAVATED CHANNEL BECOMES FULL OF SEDIMENT AT ANY POINT IN THE LENGTH OF THE DIVERS AND CHANNEL OF THE TEMPORARY DIVERSIONS SHALL BE STABILIZED WITH TEMPORARY VEGETATION IMMEDIATELY AFTER CONSTRUCTION AND RE-STABILIZED DISTURBANCE.
SI	EDIMENT AND EROSION CONTROL NOTES
	THE CONTRACTOR SHALL PROVIDE AND MAINTAIN THROUGHOUT THE LENGTH OF CONSTRUCTION SILT FENCES AT ALL STORM DRAINAGE STRUCTURES AND ALONG THE PERIMETER OF CONSTRUCTION AS NECESSARY TO CONTAIN ALL SEDIMENT RUNOFF WITHIN THE AREAS DISTURBED BY CONSTRUCTION.
	STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED EXCEPT STATED BELOW. > WHERE STABILIZATION BY THE 14th DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE. > WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
	ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED AT LEAST ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OR IDENTIFICATION.
5.	SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH ONE—THIRD THE HEIGHT OF THE SEDIMENT FENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILIZING ALL SLOPES FROM FINISH GRADE TO NATURAL GROUND AND FOR PREVENTIN EXCESSIVE EROSION FROM OCCURRING. IMMEDIATELY AFTER ESTABLISHING THE INTERMEDIATE ROUGH GRADE SLOPES AND AFTER REACHIN THE FINAL GRADE SLOPES, THE CONTRACTOR SHALL PROVIDE GRASSING OF THESE SLOPES. WHEN SLOPES ARE DISTURBED BY SUBSEQUENT EXCAVATIONS FOR OTHER ITEMS, THE CONTRACTOR SHALL INSPECT THE REPAIRS AND CORRECT ANY DEFICIENCIES IN THE REPAIRS.
	ALL GRADING WORK SHALL CONFORM SUBSTANTIALLY WITH THE GRADING PLANS. WHERE SPOT GRADES ARE INDICATED ON THE PLANS, THEY SHALL BE ESTABLISHED BY SCALING AND SHALL TAKE PRECEDENCE OVER CONTOURS. ALL GRADING BETWEEN SPOT GRADES SHALI 3E SMOOTH AND UNIFORM.
8.	THE CONTRACTOR SHALL ADEQUATELY COORDINATE THE INSTALLATION OF THE STORM DRAINAGE SYSTEM TO ENSURE THAT POSITIVE RUNOFF OF STORMWATER IS EFFECTED BOTH DURING CONSTRUCTION AND AFTER COMPLETION OF THE WORK. IF NECESSARY, SLOPES WHICH EXCEED 8 VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE
9.	NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTI ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE
10.	WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE TRACKING OF MUD ONTO PAVED ROADWAY FROM CONSTRUCTION AREAS AND GENERATION OF DUST.
	ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF AL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVE DNCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
	TEMPORARY DIVERSION BERMS AND/OR DITCHES SHALL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FRO JPSLOPE RUNOFF AND/OR DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
14.	ALL WATERS OF THE STATE (W₀S), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUB ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CANNOT BE MAINTAINED BETWEEN THE DISTURBED AREAS AND ALL W₀S. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL W₀S. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER), AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.
	A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
17. 18.	NITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL. MINIMIZE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH
19.	NATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.).
20.	THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED: •WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL; •WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FROM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS; •FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND •SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
22.	AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. IF EXISTING BMP'S NEED TO BE MODIFIED OR IF ADDITIONAL BMP'S ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMI
23.	AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICA F IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE MPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
	RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTIO NDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ AND SCR100000.

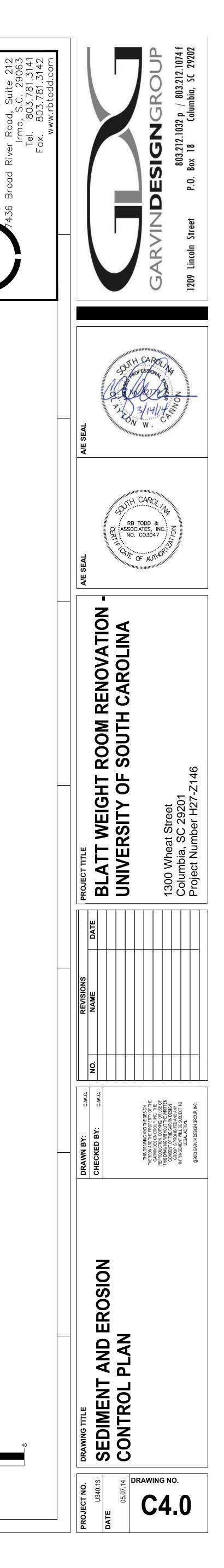


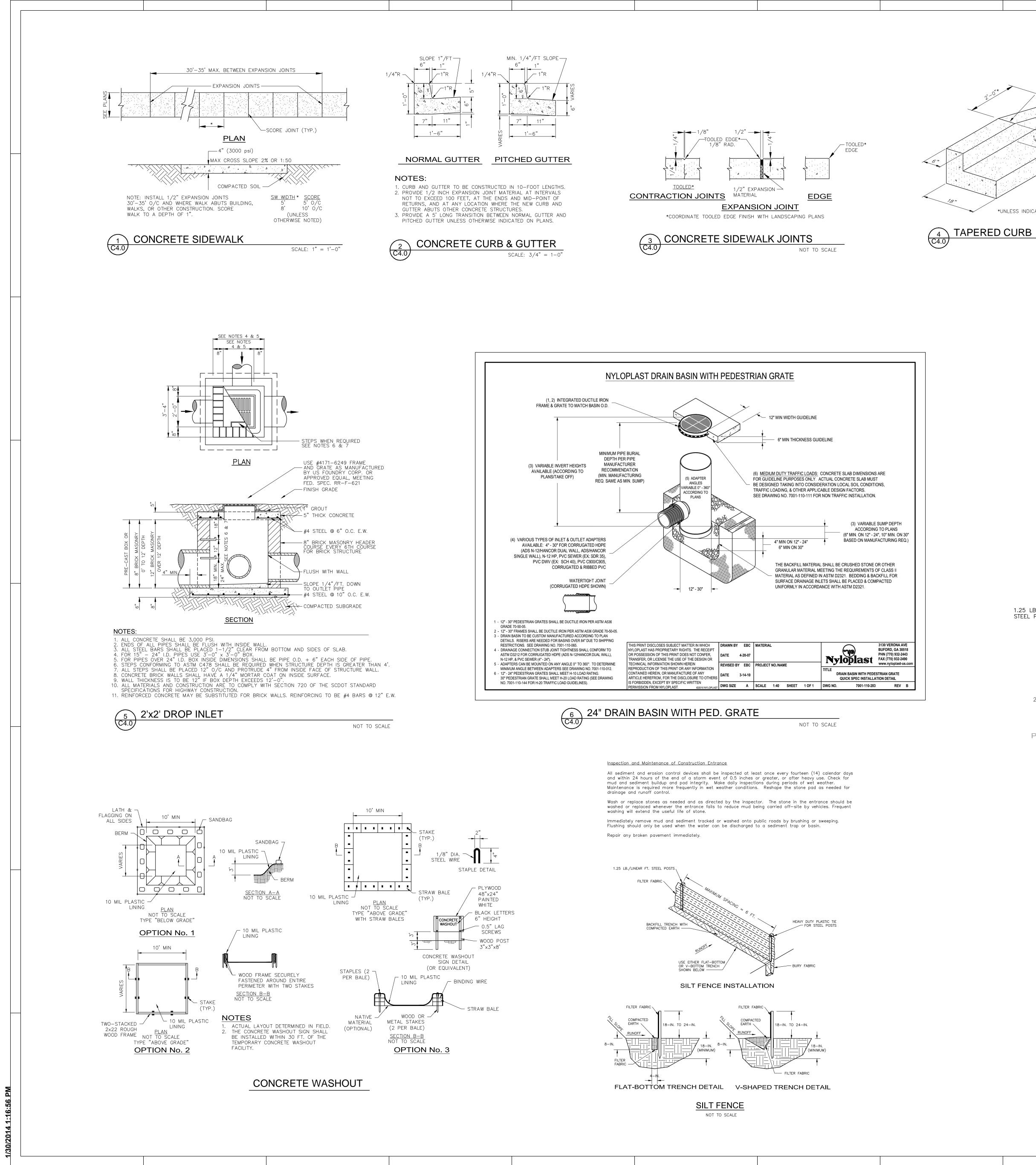


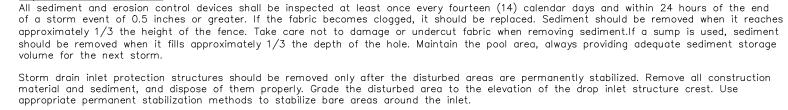


GRAPHIC SCALE 10

(IN FEET) 1 inch = 10 ft.







Attach at least four (4) evenly spaced ties in a manner to prevent sagging or tearing of the fabric. In all cases, affix ties in no less than four (4) places. Inspection and Maintenance

Attach fabric to steel posts with heavy-duty plastic ties.

fabric unless the fabric is pneumatically installed. Use steel posts with a minimum post length of 60-inches consisting of standard "T" sections with a weight of 1.25 pounds per foot (±8%). Install the filter fabric to a minimum height of 24-inches above grade. Space the steel posts around the perimeter of the inlet a maximum of 3-feet apart and drive them into the ground a minimum of 24-inches. Cut the filter fabric from a continuous roll to the length of the protected area to avoid the use of joints. When joints are necessary, wrap filter fabric together only at a support post with both ends securely fastened to the post, with a minimum 6-inch overlap.

cavate a trench 6-inches wide and 6-inches deep around the outside perimeter of the inlet unless the fabric is pneumatically installed.

Extend the filter fabric a minimum of 12-inches into the trench. Backfill the trench with soil or crushed stone and compact over the filter

NOT TO SCALE

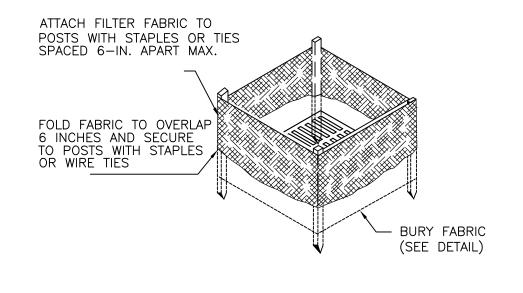
Attach fabric to metal posts with heavy-duty plastic ties. <u>Installation</u>

Have a standard "T" section with a nominal face width of 1.38-inches and nominal "T" length of 1.48-inches. Weigh 1.25 pounds per foot (\pm 8%). Be painted with a water based baked enamel paint.

Use steel posts that meet the following minimum physical requirements: Be composed of high strength steel with minimum yield strength of 50,000 psi.

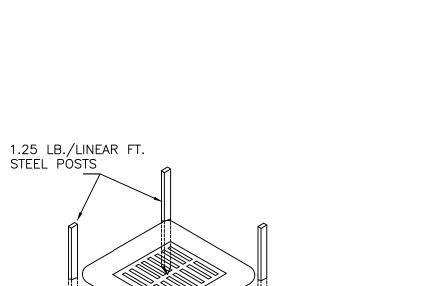
Use filter fabric that conforms to SCDOT standard specifications for highway construction (latest edition). Refer to the silt fence geotextile fabrics Approval Sheet #34.

7 TYPE A - FILTER FABRIC INLET PROTECTION C4.0/



FILTER FABRIC INSTALLATION

DETAIL



3-FT. MAX. SPACING

-18-IN. TO 24-IN.

24-IN. MIN.

POST INSTALLATION DETAIL

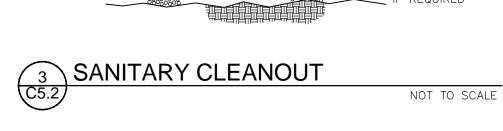
8-IN. MIN.-

FILTER FABRIC BURIAL DETAIL

48-IN. MIN.

FILTER FABRIC

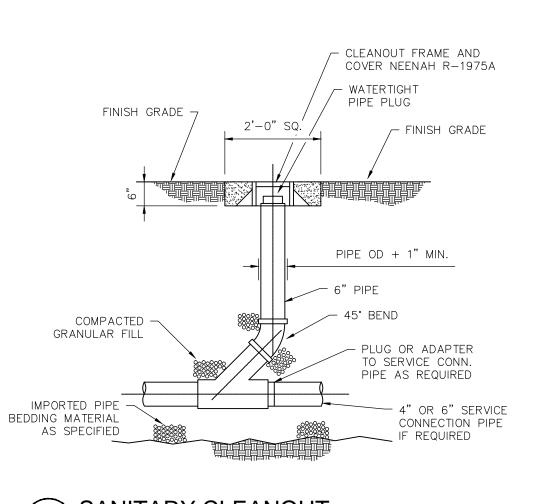
BURY MINIMUM OF 12-IN

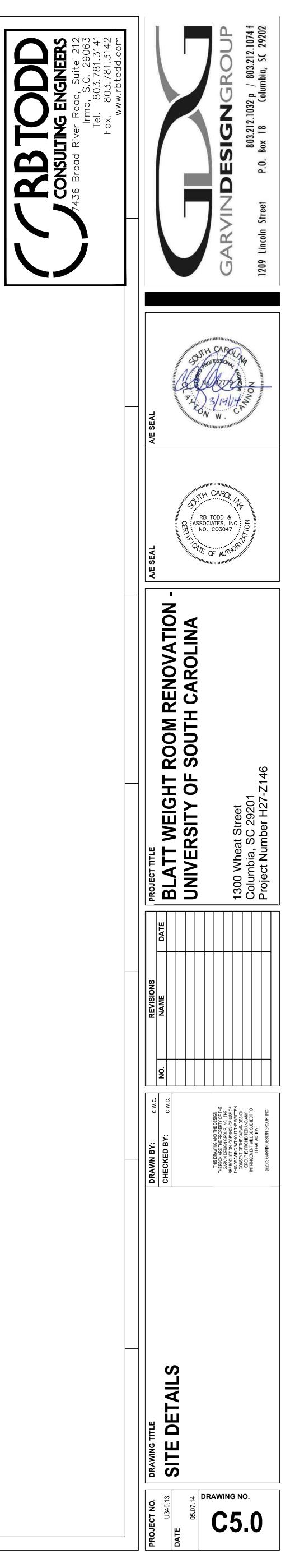


- EDGE TO BE ROUNDED - TAPER CURB TO O" IN 2'-0" DISTANCE. SEE PLANS FOR LOCATION(S). - CONCRETE CURB AND GUTTER

NOT TO SCALE

*UNLESS INDICATED OTHERWISE





LANDSCAPE SPECIFICATIONS

1. The term contractor shall refer to the landscape contractor in the landscape specifi 2. The contractor shall notify the architect if existing site conditions are found to be plan. The contractor shall keep a copy of the landscape plan and specifications on the Request clarification from architect if any conflicts occur between plans, notes and spe 3. All plants shall conform to "American Standard for Nursery Stock", latest edition.

All plants shall be symmetrical, typical of their species, sound, healthy, vigorous, free pests and shall have normal root systems. Plants shall be transported with a covering wind damage. Plants not found to be acceptable shall be removed from site and repla 4. All plants shall be warranted against death or unhealthy condition for a period of or landscape installation. Theft of plants, vandalism or lack of reasonable care are exclude adequate watering. To exclude a plant from this warranty due to lack of reasonable ca the contractor must notify the owner/owner representative in writing prior to death of 5. Landscape work includes but is not limited to grubbing out weeds, soil preparation, clean-up.

6. No part of this work shall be performed or installed in any manner or location whic the public now or in the future.

7. The contractor agrees that he/she shall assume sole and complete responsibility for landscape installation, including safety of all persons and property: that this requiremen to normal business hours.

8. During installation all on-site plant material must be watered and all work maintaine period.

9. The contractor shall comply with all applicable rules, regulations, laws and ordinance over the project site. If any of the plans or specifications are in conflict with the gove then the plans or specifications shall not apply and the contractor shall give written no 10. Where sizes are given, these are minimum sizes.

11. All substitutions must be in writing and can only be approved by architect in writin must be scheduled with a minimum of 48 hours notice to architect.

12. Contractor shall not change grade to cause water to stand or divert water runoff up necessary erosion control fabric to contain soil on-site.

13. Grade at start of landscape installation shall be +/- 0.1' finished grade. Fine grade 2" diameter or larger. Eliminate depressions that would hold water. Inform architect of problems prior to installation starting. All grades shall slope away from building for ade drainage. Final grade shall be made smooth and even by contractor.

14. Remove all existing sod and weeds in proposed plant beds prior to installation.

15. Contractor shall provide full adequate agronomic soil test with recommendations fo installation. A copy shall be sent to the architect. Take random samplings across site.

16. Call to locate utilities prior to digging. Contact architect if there are any conflicts areas.

17. Install irrigation prior to plantings. Provide owner with accurate as-built prior to Coordinate with Owner where existing irrigation can be pulled from and include irrigation 18. All planting areas shall receive the following soil preparation prior to planting. Till depth of 6". Incorporate the following soil amendments. Quantities are minimums per

A. 3 cubic yards of mushroom compost

B. 15 lbs. of agricultural gypsum

C. 25 lbs of 16-4-8 100% slow release fertilizer

19. Burden of proof of soil amendment shall rest on contractor. Soil tests if necessar with soil amendment shall be completed at expense of contractor.

20. Tree calipers shall be measured 6" above the rootball for trees 4" caliper or less rootball for trees in excess of 4" caliper.

21. No B&B plants shall be accepted if the rootball is broken or loose.

22. Trees shall be planted no closer than 4' from all hardscaping.

23. Trees shall not be planted any closer than 4' from utility lines. Relocate slightly if 24. Rootball for containerized plants shall hold all soil from pot when removed from po 25. Planting hole shall be made 2 times the width of the rootball. Set plant with rootl grade. Set plant in center of hole, plumb and with best side out towards highest visibi manner that avoids air pockets. Backfill to be 2 parts soil:1 part mushroom compost:

26. Set B&B plants in hole to with rootball to match previous grade, backfill 2/3 , rem complete backfill. Backfill to be 3 parts soil from pit: 1 part mushroom compost.

27. Apply pre-emergence as per manufacturers recommendations. Check label for plant chemicals to be kept in their original container and shall be handled and applied in ac 28. Install shredded hardwood mulch to all beds as shown for a depth of 2 inches. Tr 29. Guy and stake trees. Guy in a manner that avoids putting stress on smaller limbs 30. Remove all tags from trees to avoid future girdling.

31. Deep water all new planting within the first 24 hours of installing. Keep watered as necessary during entire installation period. 32. All pruning must have prior written approval by architect.

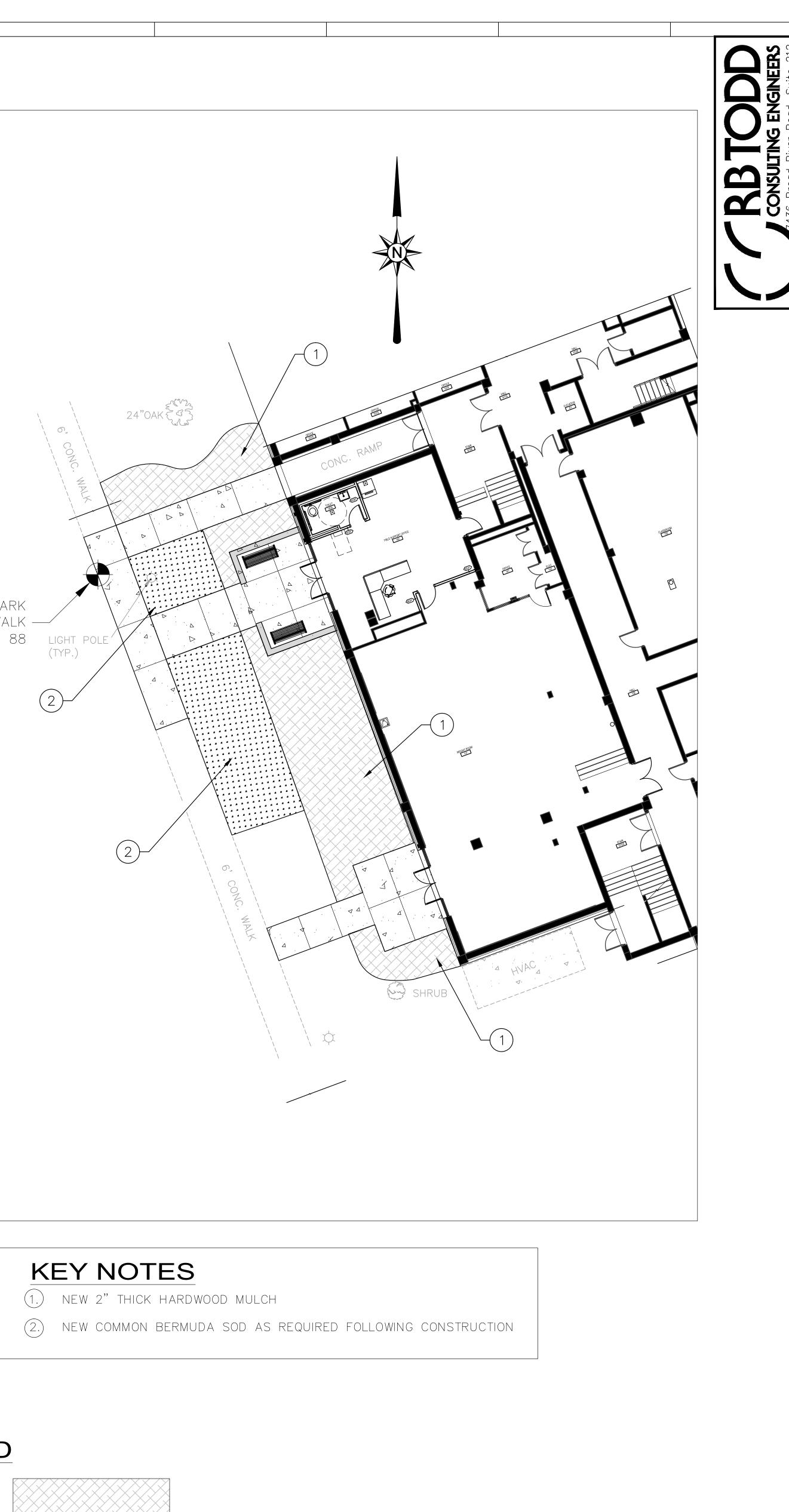
33. Areas not designated as planting beds shall be sodded as per plans. All grass shall be common Bermuda 34. All areas to be sodded or seeded shall be disked or tilled to the depth of 6", then fine graded. Remove weeds, stones and debris prior to laying sod. Eliminate any uneveness prior to installation. 35. Lay sod with hand tight joints. Lay perpendicular to slope. Roll to assure good contact of roots with soil 36. Lightly water immediately after installation.

37. Apply a preemergent to control weeds. DO NOT APPLY PREEMERGENT TO AREAS TO BE SEEDED. All disturbed areas not designated as planting bed or sod shall be seeded. Seed for permanent stand of grass. Bare areas 8" diameter or greater shall be reseeded.

38. Apply a root stimulating fertilizer as per manufacturers recommendations.

39. Clean up site daily of all related materials in regards to landscape installation. Keep tools safely placed during daily progress. 40. Contractor shall maintain landscape throughout the installation until time of final acceptance. 41. Any plants that die or are found to be unacceptable shall be replaced within 6-8 weeks of notification, weather and planting conditions permitting.

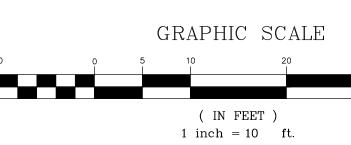
ifications. different than shown on the landscape he site at all times while work is in progress. pecifications.	
from disease and g to avoid laced at contractors expense. one (1) year from date of final acceptance of the ided from this warranty. Owner to provide care, such as lack of adequate watering or abuse, f plant. , tilling, planting, mulching, weed control and hich would endanger the health, safety or welfare of or the job related site con ent shall apply continuously and not be limited ned by the contractor for the entire installation ces imposed by authorities having jurisdiction everning regulations notice of the conflicts.	
ting. Any requests for on-site meetings	
f in an inappropriate manner. Contractor shall put	
rade and remove rocks of drainage dequate positive	SITE BENCHMAI CRIBED "X" IN WA V. 201.53' NAVD
for amendments no less than 2 weeks prior to e. s with utilities and designated planting final acceptance. ion design to adequate water proposed installation. all beds to the 1,000 s.f.	
ary to confirm compliance s and 12" above the	
if necessary. pot, but not be rootbound. otball to match previous ibility. Backfill in a	
t: remove top portion of burla	
ant compatibility. All accordance with laws. Treat with preemergent herbicide prior to mulch installation. os and avoid wires scrapping	
as necessary during entire installation period.	



LANDSCAPE LEGEND

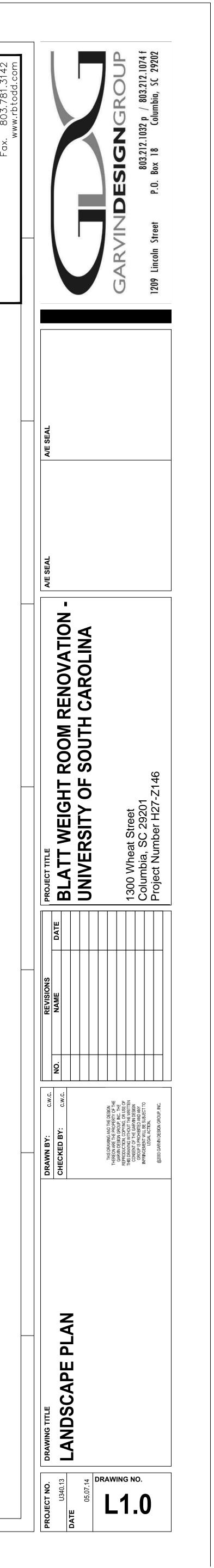
PROPOSED MULCH

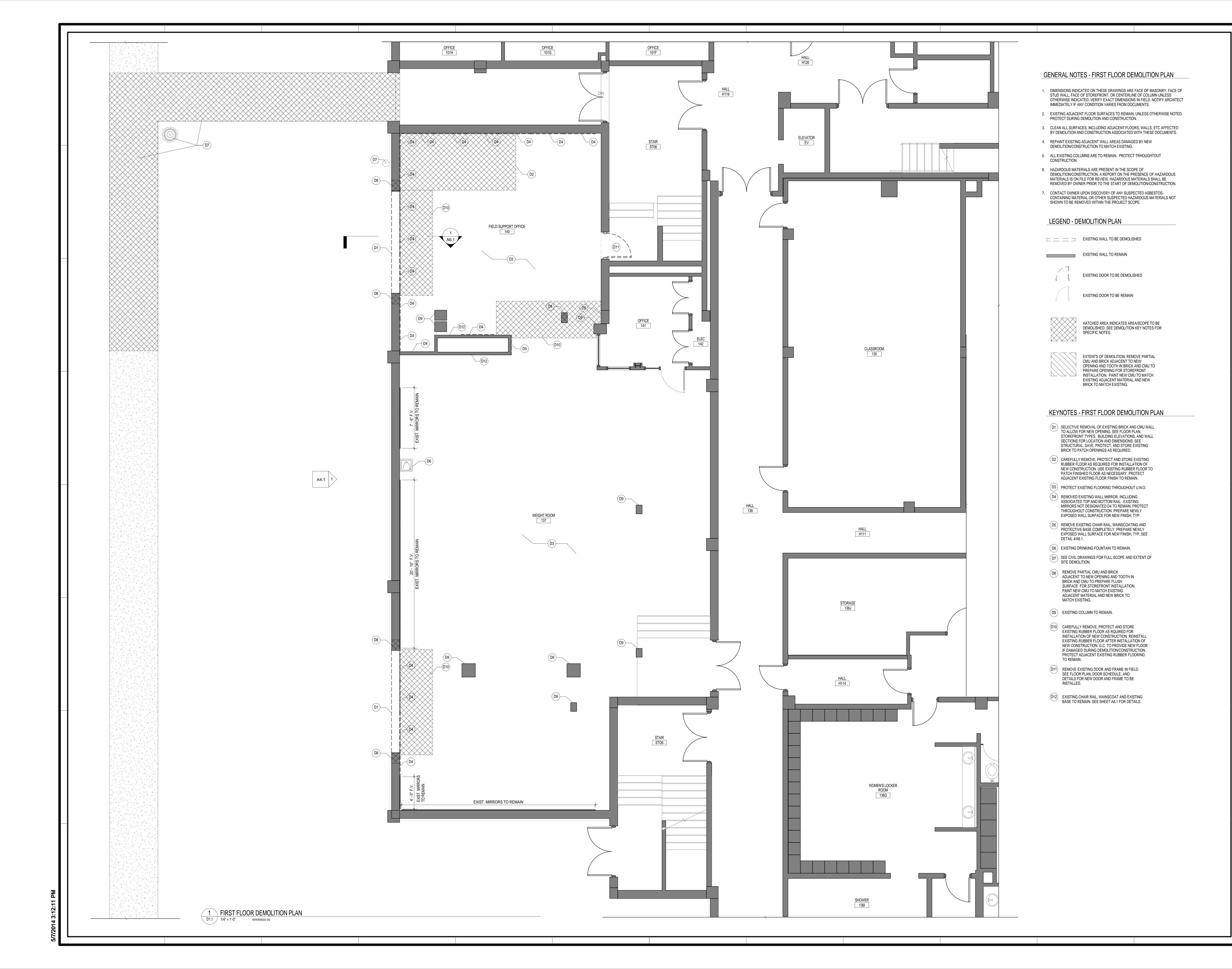
PROPOSED SOD

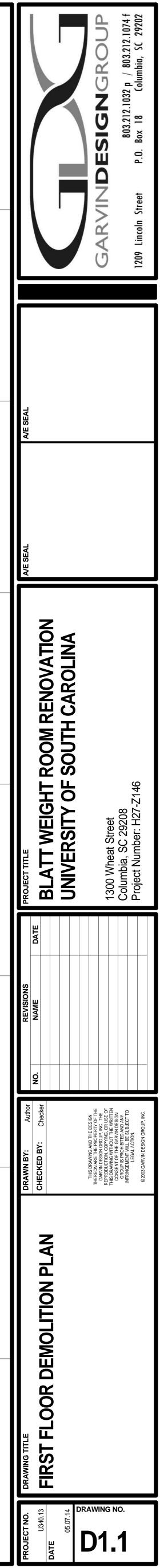


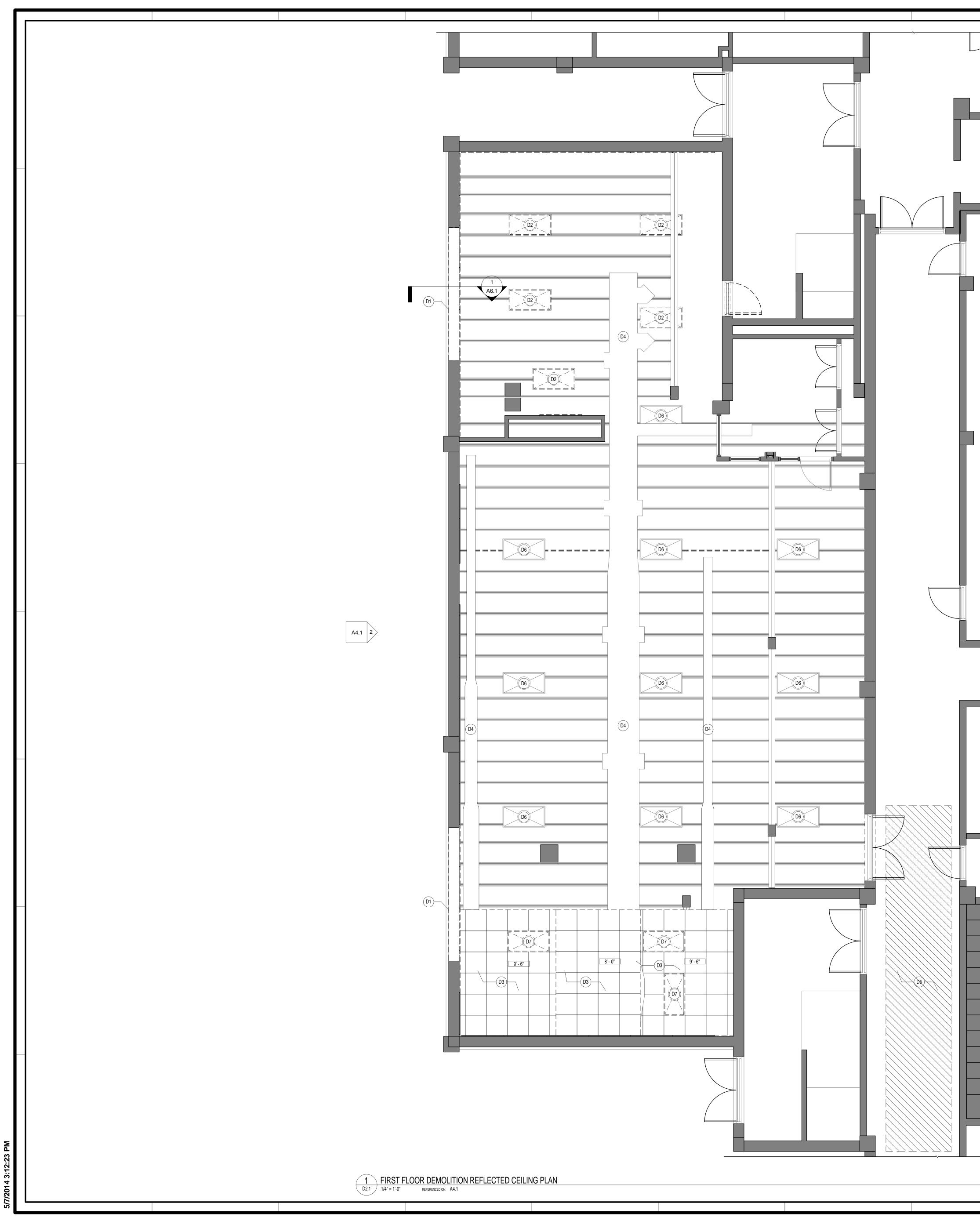
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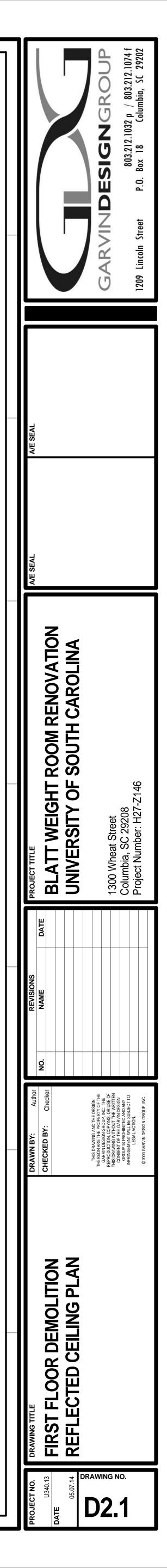
KEYNOTES - FIRST FLOOR DEMOLITION PLAN

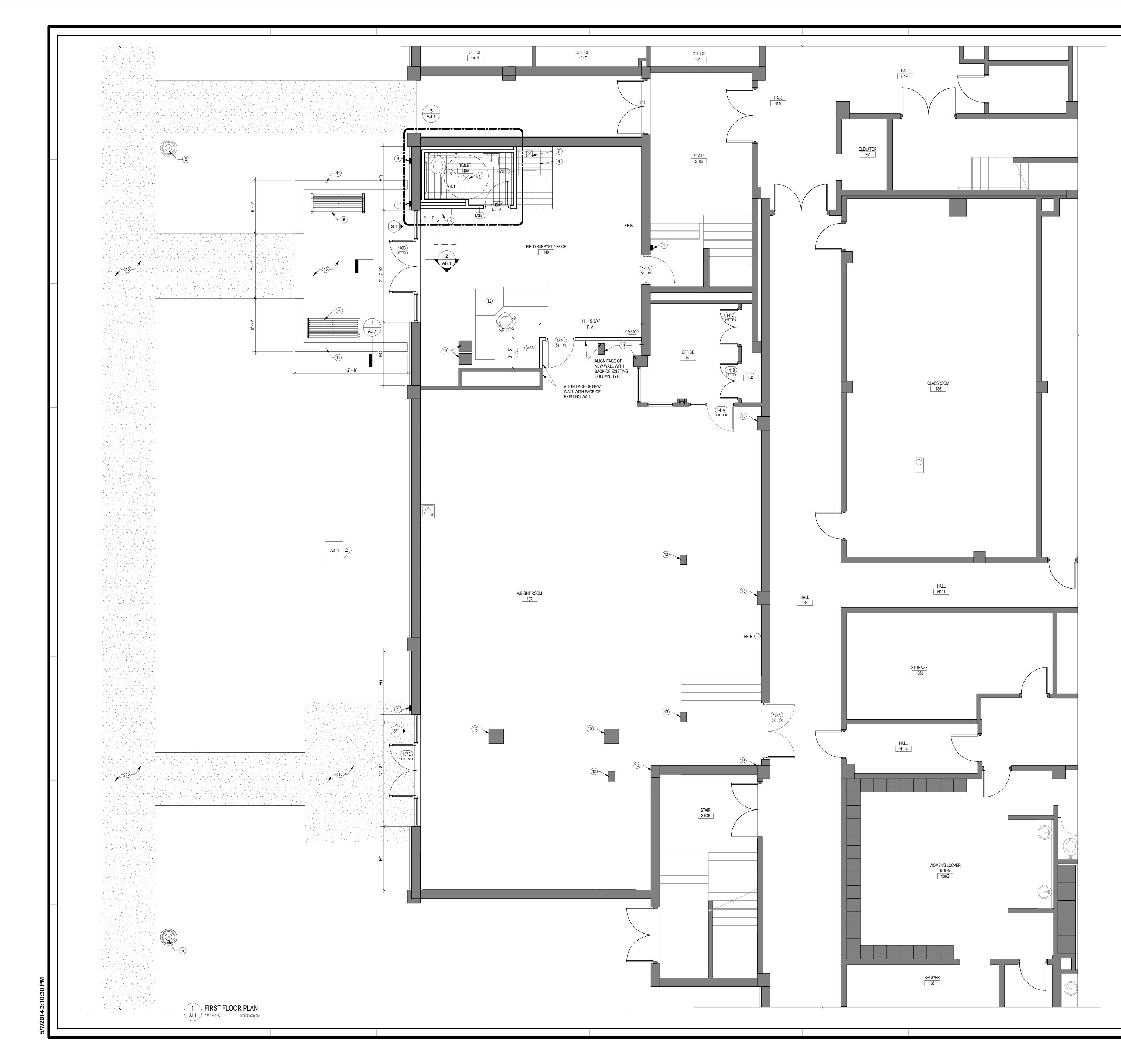
D1 SELECTIVE REMOVAL EXISTING BRICK AND CMU WALL TO ALLOW FOR NEW OPENING. SEE FLOOR PLAN, STOREFRONT TYPES, BUILDIING ELEVATIONS AND WALL SECTIONS FOR LOCATION AND DIMENSIONS. SEE STRUCTURAL. SAVE, PROTECT AND STORE EXISTING BRICK TO PATCH OPENINGS AS REQUIRED.

- (D2) REMOVE EXISTING LIGHT FIXTURE, SEE ELCTRICAL.
- REMOVE EXISTING LAY-IN CEILING AND GRID COMPLETELY. PREPARE ALL SURFACES, DUCTWORK TO REMAIN, PIPES, ETC. TO RECEIVE PAINT.
- (D4) SEE MECHANICAL. EXISTING MECHANICAL DUCT TO REMAIN. D5 SELECTIVELY REMOVE, PROTECT AND REINSTALL EXISTING ACOUSTIC CEILING TILE AND GRID AS REQUIRED FOR INSTALLATION OF NEW PLUMBING LINES. SEE PLUMBING.
- (D6) EXISTING LIGHT FIXTURE TO REMAIN, SEE ELECTRICAL.
- D7 REMOVE, SAVE, PROTECT AND REINSTALL EXISTING LIGHT FIXUTRE AFTER REMOVAL OF CEILING. SEE A2.1 AND ELECTRICAL.

GENERAL NOTES - RCP DEMOLITION PLAN

- 1. DIMENSIONS INDICATED ON THESE DRAWINGS ARE FACE OF MASONRY, FACE OF STUD WALL, FACE OF STOREFRONT, OR CENTERLINE OF COLUMN UNLESS OTHERWISE INDICATED. VERIFY EXACT DIMENSIONS IN FIELD. NOTIFY ARCHITECT IMMEDIATELY IF ANY CONDITION VARIES FROM DOCUMENTS.
- 2. EXISTING ADJACENT FLOOR SURFACES TO REMAIN, UNLESS OTHERWISE NOTED. PROTECT DURING DEMOLITION AND CONSTRUCTION.
- 3. CLEAN ALL SURFACES, INCLUDING ADJACENT FLOORS, WALLS, ETC AFFECTED BY DEMOLITION AND CONSTRUCTION ASSOCIATED WITH THESE DOCUMENTS.
- 4. REPAINT EXISTING ADJACENT WALL AREAS DAMAGED BY NEW DEMOLITION/CONSTRUCTION TO MATCH EXISTING.
- ALL EXISTING COLUMNS ARE TO REMAIN. PROTECT TRHOUGHTOUT CONSTRUCTION.
- 6. HAZARDOUS MATERIALS ARE PRESENT IN THE SCOPE OF DEMOLITION/CONSTRUCTION. A REPORT ON THE PRESENCE OF HAZARDOUS MATERIALS IS ON FILE FOR REVIEW. HAZARDOUS MATERIALS SHALL BE REMOVED BY OWNER PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- 7. CONTACT OWNER UPON DISCOVERY OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIAL OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMOVED WITHIN THE PROJECT SCOPE.





GENERAL NOTES - FLOOR PLAN

- SEE T1.1 FOR MINIMUM REQUIRED ADA MANEUVERING CLEARANCES. VERIFY EXACT FEB AND FEC LOCATIONS WITH ARCHITECT - CENTER FEC'S ON VERTICAL MORTAR JOINTS IN EXPOSED CMU WALLS.
- SEE T1.1 FOR REQUIRED UL ASSEMBLIES OF ALL BUILDING SYSTEMS. ALL PENETRATIONS THROUGH RATED WALL AND FLOOR ASSEMBLIES MUST COMPLY WITH UL DESIGN FOR PENETRATIONS.
- 3. DIMENSIONS INDICATED ON THESE DRAWINGS ARE TO FACE OF CMU WALL, FACE OF EXTERIOR VENEER , FACE OF STUD WALL, OR CENTERLINE OF COLUMN UNLESS OTHERWISE INDICATED. COORDINATE ALL DIMENSIONS WITH STRUCTURAL DIMENSION PLANS, ENLARGED PLANS, SECTION AND DETAIL DRAWINGS, AND STRUCTURAL DRAWINGS AND VERIFY EXACT LOCATIONS. COORDINATE ALL FLOOR SLAB PENETRATIONS WITH SYSTEM DRAWINGS (S'S, M'S, P'S, FP'S, AND E'S) AND ACTUAL PRODUCT TO BE INSTALLED AND VERIFY LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
- 4. SEE FINISH SCDEDULES AND PLANS (A8.1) FOR FLOOR PATTERNS AND FLOOR FINISH REFERENCES
- EXTERIOR MASONRY OPENINGS TO RECEIVE STOREFRONT, DOORS, WINDOWS, LOUVERS, OR OTHER ELEMENTS SHALL BE FIELD VERIFIED PRIOR TO MANUFACTURE OF SYSTEM.
- 6 INTERIOR METAL STUD OPENINGS TO RECEIVE STOREFRONT, DOORS, GRILLS, LOUVERS, OR OTHER ELEMENTS SHALL BE FIELD VERIFIED PRIOR TO MANUFACTURE OF SYSTEM. LOCATION OF ALL RECESSED CABINETS AND EQUIPMENT WALL PENETRATIONS MUST BE VERIFIED WITH EXISSTING CMU WALLS TO ENSURE INDICATED LOCATION AND EVEN COURSING. ANY CONFLICTS WITH INDICATED DIMENSIONS OR LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.
- 7. ALL EXISTING COLUMNS ARE TO REMAIN.
- HAZARDOUS MATERIALS ARE PRESENT IN THE SCOPE OF DEMOLITION/CONSTRUCTION. A REPORT OF THE PRESENCE OF HAZARDOUS MATERIALS IS ON FILE FOR REVIEW. HAZARDOUS MATERIALS SHALL BE REMOVED BY OWNER PRIOR TO THE START OF DEMOLITION.
- CONTACT OWNER UPON DISCOVERY OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIALS OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMOVED WITHIN THE PROJECT SCOPE.

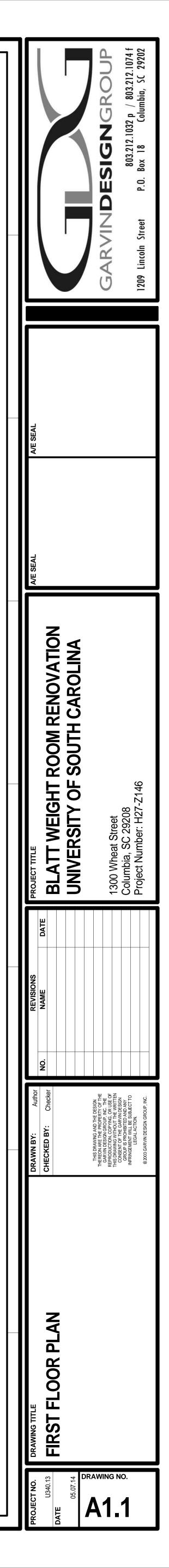
LEGEND - FLOOR PLAN

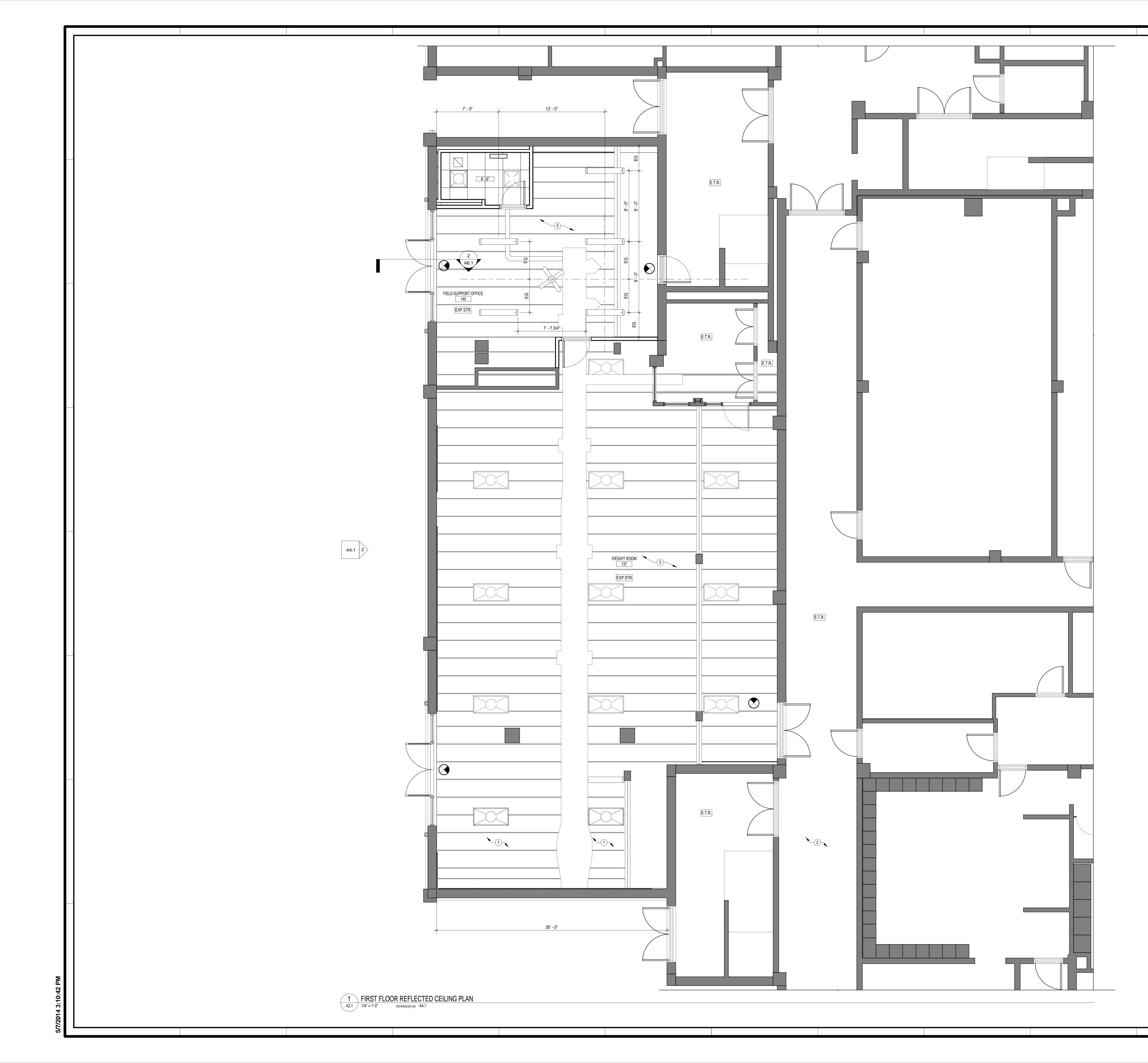
- FE-B FIRE EXTINGUISHER MOUNTED ON WALL BRACKETS
- ⊠ FD FLOOR DRAIN

KEYNOTES - FIRST FLOOR PLAN

1 PROXIMITY ELECTRIC CARD READER LOCATION, SEE DOOR SCHEDULE, HARDWARE SCHEDULE AND ELECTRICAL.

- 2 NOT USED.
- 3 PROVIDE WATER BOTTLE FILLING STATION, SEE PLUMBING.
- 4 ICE MACHINE, OWNER PROVIDED, CONTRACTOR INSTALLED.
- 5 EXISTING LIGHT POLE TO REMAIN, SEE CIVIL.
- 6 BENCHES, OWNER PROVIDED, OWNER INSTALLED.
- 7 FLOOR DRAIN, SEE PLUMBING.
- 8 NEW EXTERIOR HOSE BIB, SEE PLUMBING.
- 9 NOT USED.
- (10) NOT USED.
- 11 NEW SEAT WALL, SEE DETAILS.
- 12 FURNITURE OWNER PROVIDED AND INSTALLED UNLESS OTHERWISE NOTED.
- (13) EXISTING COLUMN TO REMAIN.
- 14 NOT USED.
- (15) SEE CIVIL AND STRUCTURAL FOR FULL SCOPE OF EXTERIOR CONCRETE, SIDEWALKS, DRAINS, ETC.





GENERAL NOTES - REFLECTED CEILING PLAN

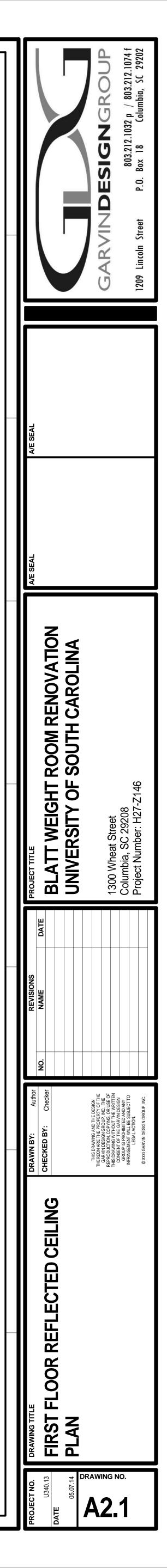
- 1. REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND SPECIFIC FIXTURE DESIGNATIONS.
- 2. ALL SUSPENDED ACOUSTICAL GRIDS ARE TO BE CENTERED IN CEILING/ROOM AS SHOWN, UNLESS NOTED OTHERWISE.
- CEILING MOUNTED EQUIPMENT, DEVICES, FIXTURES & GRILLS MUST BE COORDINATED ON REFLECTED CLG. PLANS. CEILING MOUNTED SPRINKLERS TO BE LOCATED IN CENTER OF CEILING TILE IN APC CEILINGS AND ALIGN WITH DOWNLIGHTS IN [GWB] CEILINGS.
- 4. PAINT ALL EXPOSED STRUCTURE/CEILING AREA, INCLUDING ROOF DECK, STEEL STRUCTURE, DUCTWORK, PLUMBING LINES, FIRE SUPPRESSION LINES, ELEC. CONDUITS & BOXES AND OTHER NON-FINISHED ITEMS, EXCEPT IN MECHANICAL ROOMS, ELECTRICAL ROOM, ELEVATOR MACHINE ROOMS, AND TEL/ DATA ROOMS, UNLESS NOTED OTHERWISE ON FINISH SCHEDULES AND INTERIOR ELEVATIONS.
- ACCESS PANELS BY GENERAL CONTRACTOR. QUANTITY OF ACCESS PANELS SHOWN 5. ON ARCHITECTURAL DRAWINGS NOT INTENDED TO BE ALL INCLUSIVE; SEE MECHANICAL DRAWINGS, PLUMBING DRAWINGS, ELECTRICAL DRAWINGS, AND FIRE PROTECTION SHOP DRAWINGS FOR ADDITIONAL ACCESS PANELS NOT SHOWN. COORDINATE EXACT LOCATION OF ACCESS PANELS NOT SHOWN WITH ARCHITECT. BRING ALL MECHANICAL AND PLUMBING ITEMS WHICH NEED ACCESS TO THE ACCESS PANEL LOCATIONS SHOWN - BRING THE NEED FOR ADDITIONAL ACCESS PANELS TO THE ARCHITECT'S ATTENTION BEFORE PROCEEDING.
- PAINT ALL EXPOSED STEEL LINTELS, ANGLES AND PLATES, AND CONCRETE BEAMS. REFERENCE ELECTRICAL DRAWINGS FOR FULL EXTENT OF ELECTRICAL CEILING AND WALL MOUNTED DEVICES.
- 7. HAZARDOUS MATERIALS ARE PRESENT IN THE SCOPE OF DEMOLITION/CONSTRUCTION. A REPORT ON THE PRESENCE OF HAZARDOUS MATERIALS I S ON FILE FOR REVIEW. HAZARDOUS MATERIALS SHALL BE REMOVED BY OWNER PRIOR TO THE START OF
- 8. DEMOLITION/CONSTRUCTION.
- CONTACT OWNER UPON DISCOVER OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIALS OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMVOED WITHIN THE PROJECT.

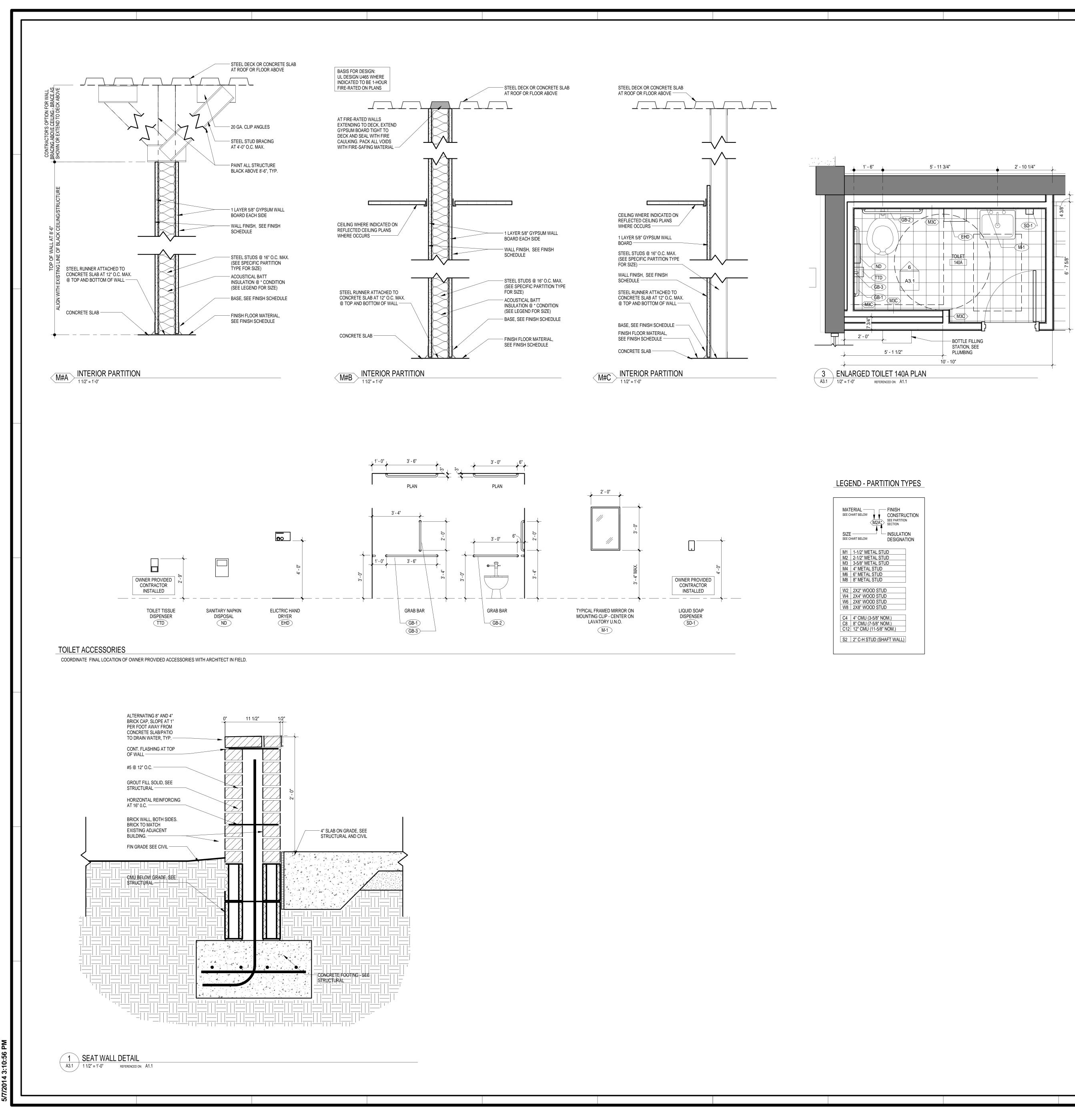
LEGEND - REFLECTED CEILING PLAN

	SUPPLY & RETURN MECHANICAL DIFFUSERS
	LINEAR SLOT DIFFUSER
	FLOURESCENT FIXTURES
0	RECESSED INCANDESCENT DOWNLIGHT
	WALL MOUNTED FIXTURES
	PENDANT LIGHT
$\overrightarrow{\mathbf{Q}}$	EXIT LIGHTS - SEE ELECTRICAL DRAWINGS FOR LOCATIONS
	GYPSUM BOARD CEILING
	ACOUSTICAL PANEL CEILING
12' - 8"	SHOWS CEILING HEIGHTS RELATIVE TO MAIN 0'-0" FINISHED FLOOR ELEVATION [Ex. EAST ENTRY A104 FINISHED FLOOR]
Æ	CEILING FAN, OWNER FURNISHED COTRACTOR INSTALLED

KEYNOTES - REFLECTED CEILING PLAN

- 1 PAINT NEWLY EXPOSED CEILING, SEE FINISH SCHEDULE AND SCHEDULE OF INTERIOR FINISHES.
- 2 REINSTALL ALL ACOUSTIC CEILING TILES AND GRID REMOVED FOR INSTALLATION OF NEW PLUBMING LINES, SEE PLUMBING. CONTRACTOR TO REPLACE ANY ACOUSTIC CEILING TILES OR GRID DAMAGED DURING CONSTRUCTION/DEMOLITION.
- 3 PAINT/TOUCH UP ALL EXPOSED STRUCTURE, DUCTWORK, PIPING, ETC AS REQUIRED TO PROVIDE FULL BLACK CEILING ABOVE 8'-6", TYP

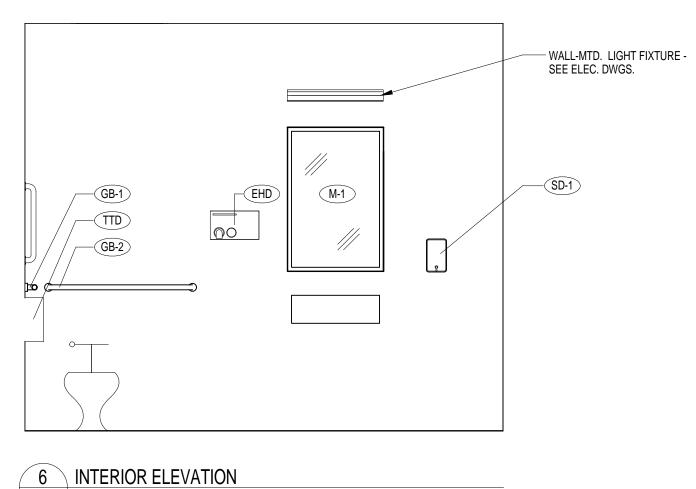




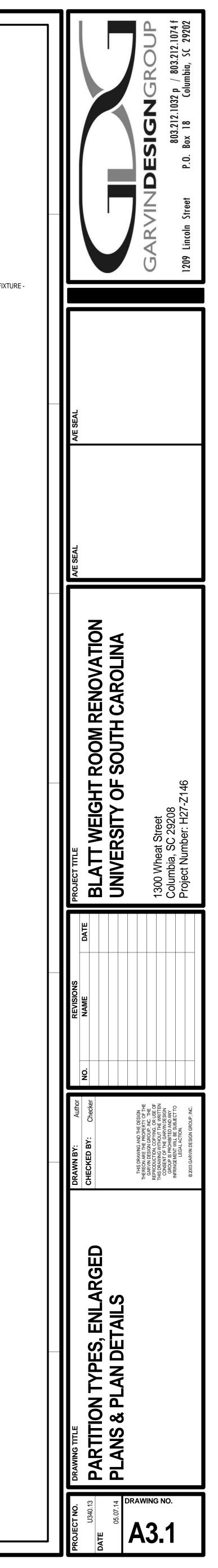
	ERIAL F HART BELOW Y Y C M2A* S
SIZE SEE C	HART BELOW
M1	1-1/2" METAL STUD
M2	2-1/2" METAL STUD
М3	3-5/8" METAL STUD
M4	4" METAL STUD
M6	6" METAL STUD
M8	8" METAL STUD
14/0	
W2	2X2" WOOD STUD
W4	2X4" WOOD STUD
W6	2X6" WOOD STUD
W8	2X8" WOOD STUD
C4	4" CMU (3-5/8" NOM
C8	8" CMU (7-5/8" NOM
C12	12" CMU (11-5/8" NC
S2	2" C-H STUD (SHAF

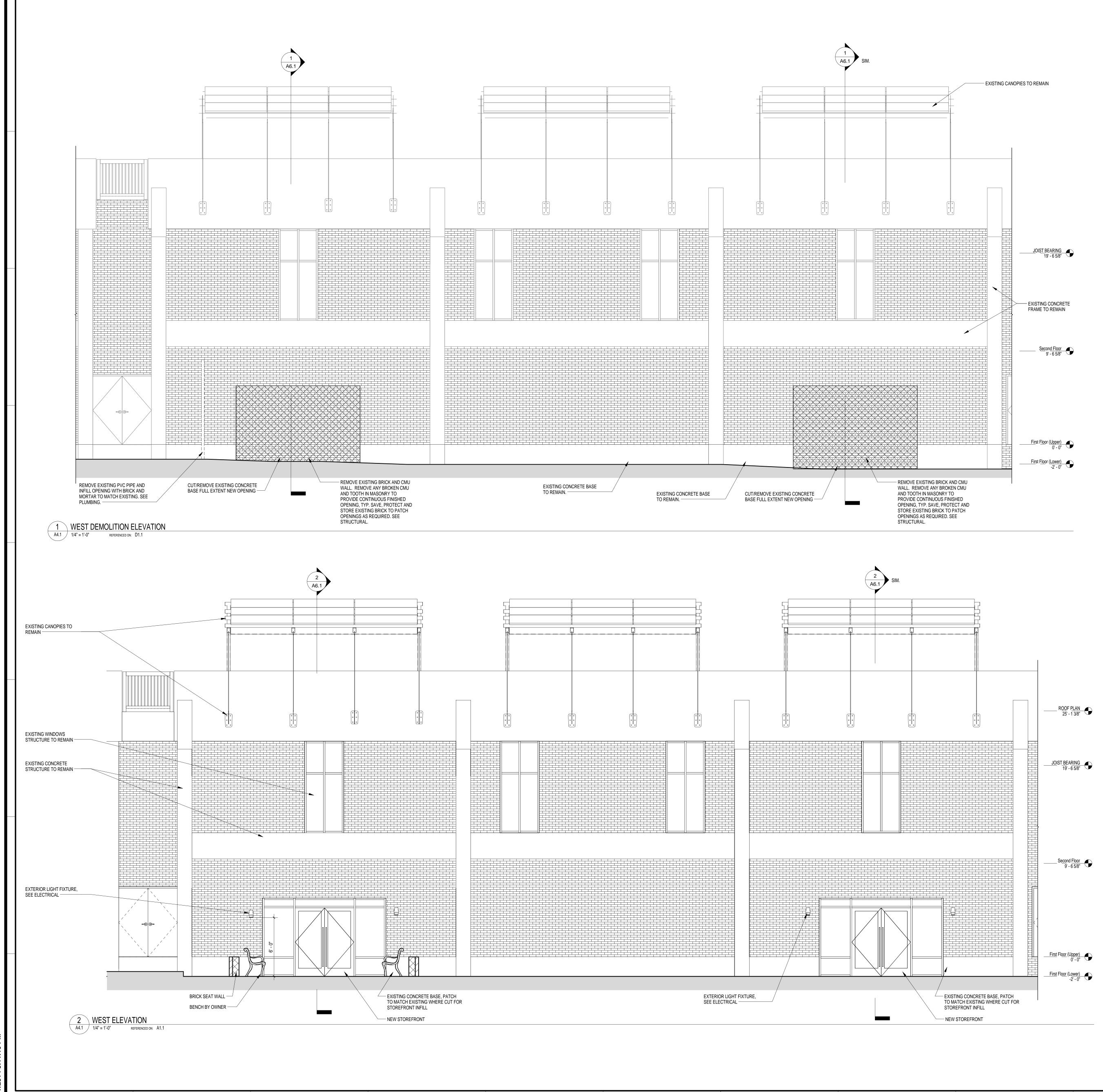


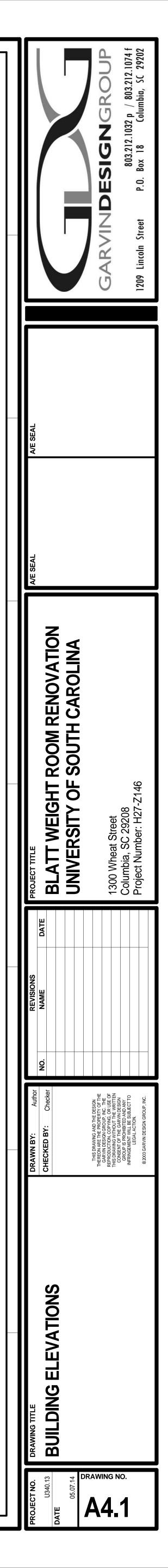
NISH DNSTRUCTION E PARTITION CTION
SULATION ESIGNATION
M.)
WALL)

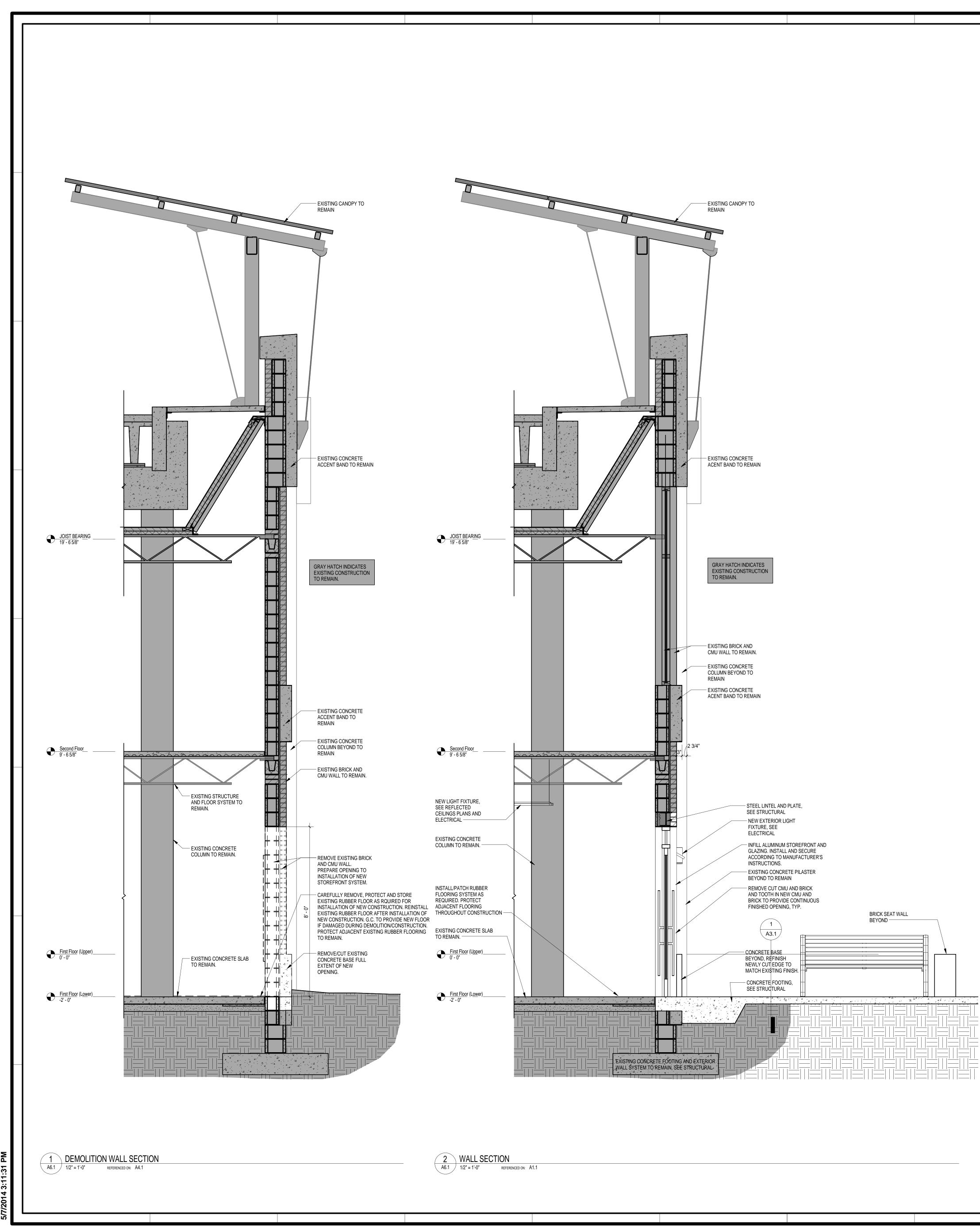


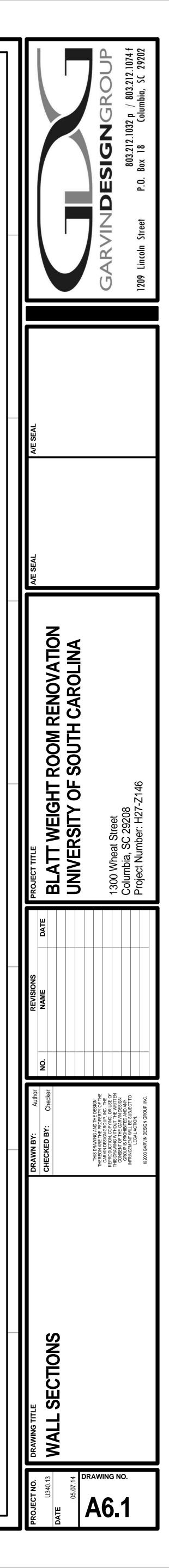
A3.1 / 1/2" = 1'-0" REFERENCED ON: A1.1

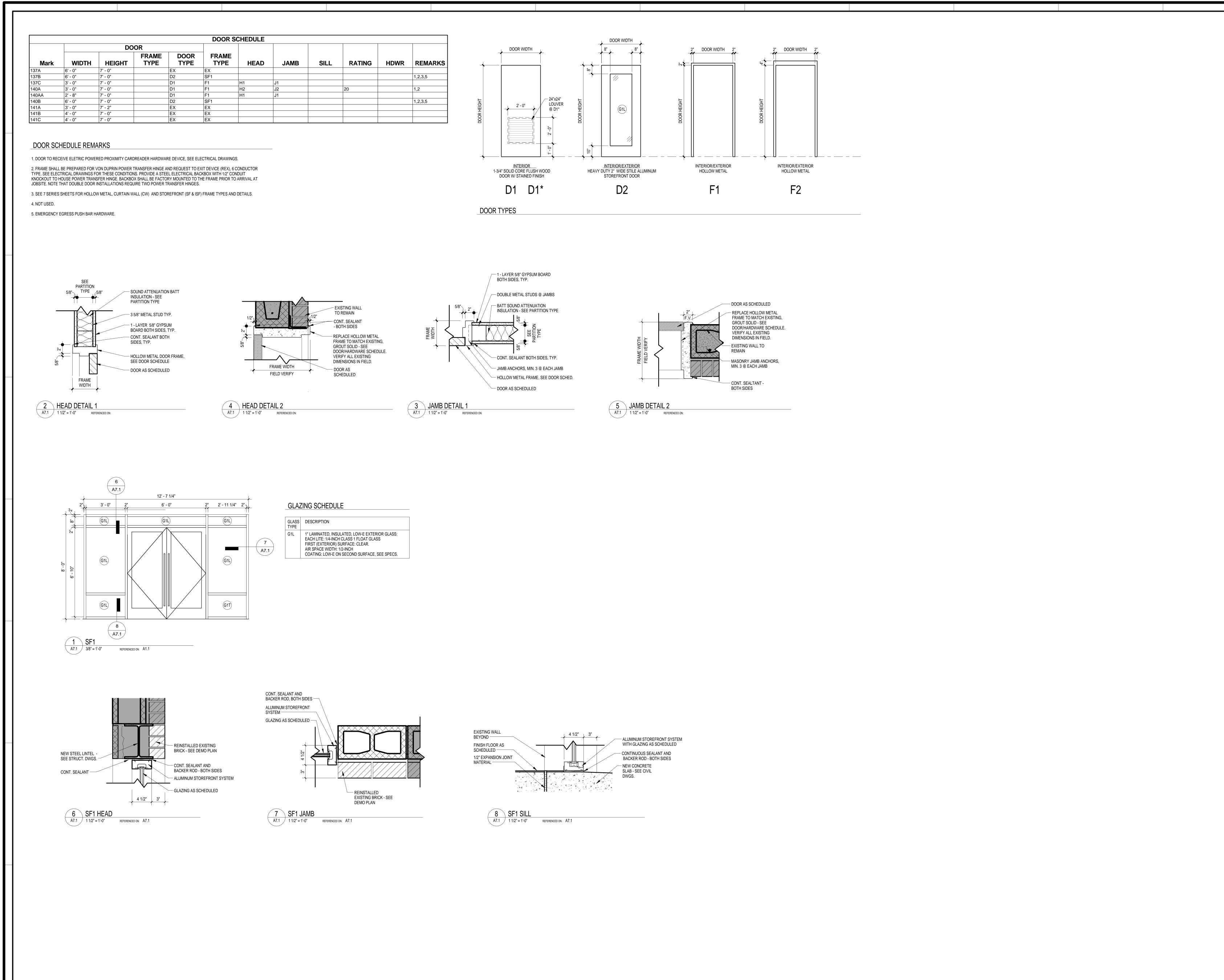


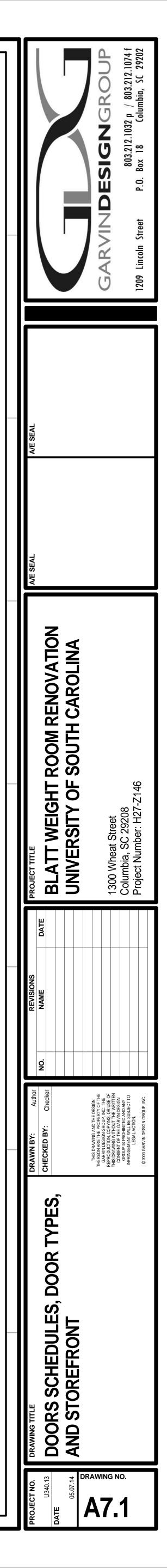


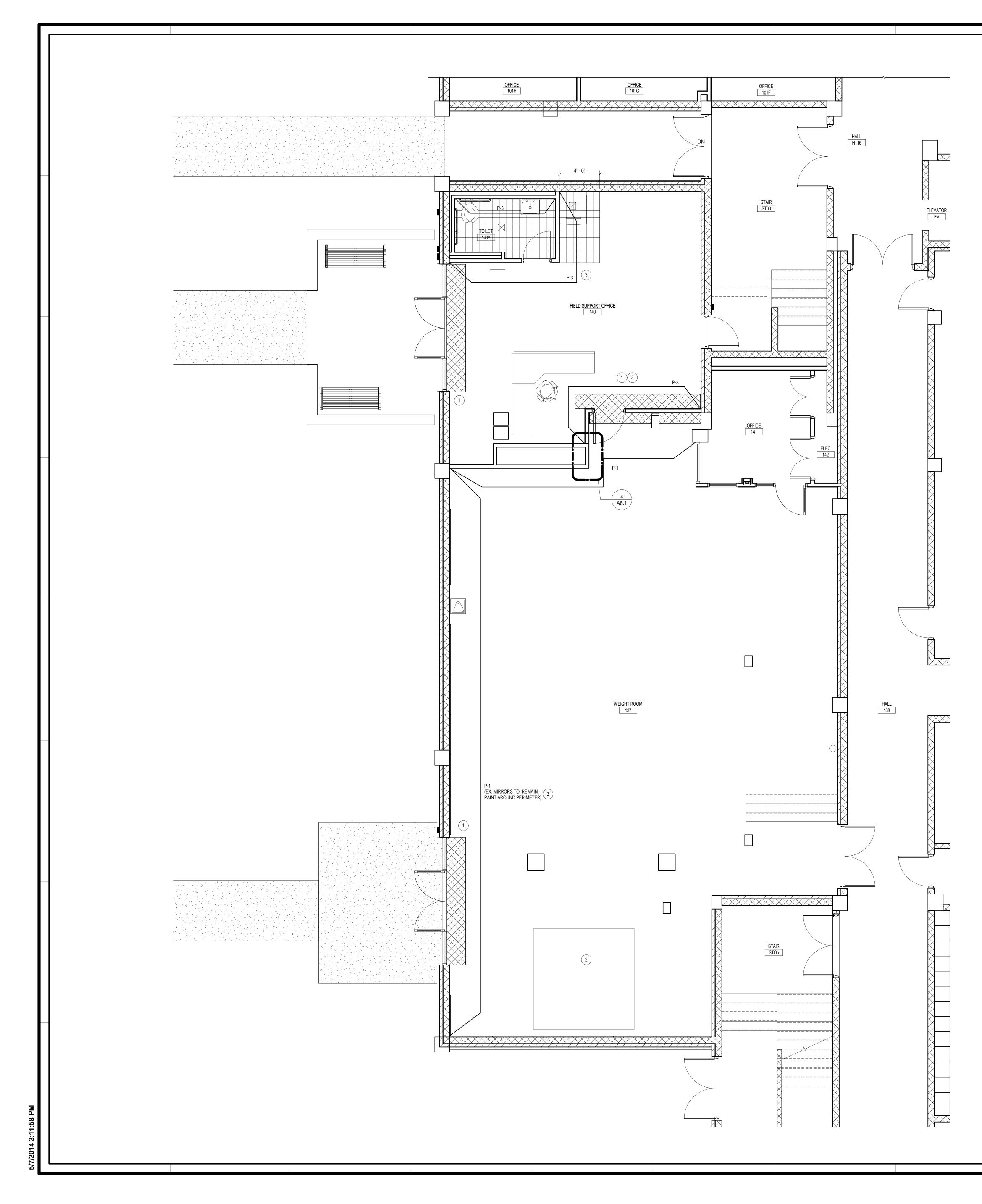












			FINISH	SCHEDULE					
ROOM				WALL FINISH	WALL FINISH	WALL FINISH	WALL FINISH		
NO.	ROOM NAME	BASE	FLOOR	NORTH	EAST	SOUTH	WEST	CEILING	Comments
					·			·	
137	WEIGHT ROOM	EX, RB-1	EX, ARF	EX, P-1	EX	EX	P-1	EX,P-4	
140	FIELD SUPPORT OFFICE	EX, RB-1	EX, ARF, CT-1	P-1,3	P-1,3	P-1,3	P-1,3	EX,P-4	
140A	TOILET	CTB-1	CT-1	P-3	P-2	P-2	P-2	APC-1	
141	OFFICE								
142	ELEC								
ST06	STAIR								
STO5	STAIR								

SCHEDULED INTERIOR FINISHES

ABBREVIATION	DESCRIPTION	MANUFACTURER, COLOR, STYLE
BASE		
RB-1	RUBBER BASE - 4" COVED	STANDARD COVE BASE, BLACKTO MATCH EXISTING
FLOORS		
CT-1	CERAMIC TILE	AMERICAN OLEAN, TERRA PAVER, 0W75 LAVA GRAY, 12X12B, UNPOLISHED
ARF	ATHLETIC RUBBER FLOORING	JOHNSONITE, HAMMERED RUBBER SPECKLED TILE TO MATCH EXIST AS REQ'D, SEE SPEC
WALLS		
P-1	PAINT - "WHITE" - EGGSHELL @ WALL; FLAT @ CEILING	TO MATCH SHERWIN WILLIAMS SW7627 "ZURICH WHITE"
P-2	PAINT - "GRAY" - EGGSHELL	TO MATCH SHERWIN WILLIAMS SW7015 "REPOSE GRAY"
P-3	PAINT - "GARNET" - EGGSHELL	TO MATCH EXISTING GARNET, FIELD VERIFY
P-4	PAINT - "BLACK"-SEMI-GLOSS(TRIM);FLAT (CEIL.)	TO MATCH SHERWIN WILLIAMS SW6258 "TRICORN BLACK"
MISC.		
EX	EXISTING	EXISTING FINISHES TO REMAIN, REPAIR AS NEEDED
EMS	EXTERIOR METAL STRUCTURE	CAMPUS STANDARD 'WHITE,' TO MATCH EXISTING BUILDING TRIM
HMF	HOLLOW METAL FRAMES	METAL FRAMES AND TRIM, PAINTED, P-4, SEMI-GLOSS
HMD	HOLLOW METAL DOORS	METAL DOORS, PAINTED, P-3, SEMI-GLOSS

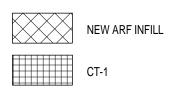
GENERAL NOTES - INTERIOR FINISHES

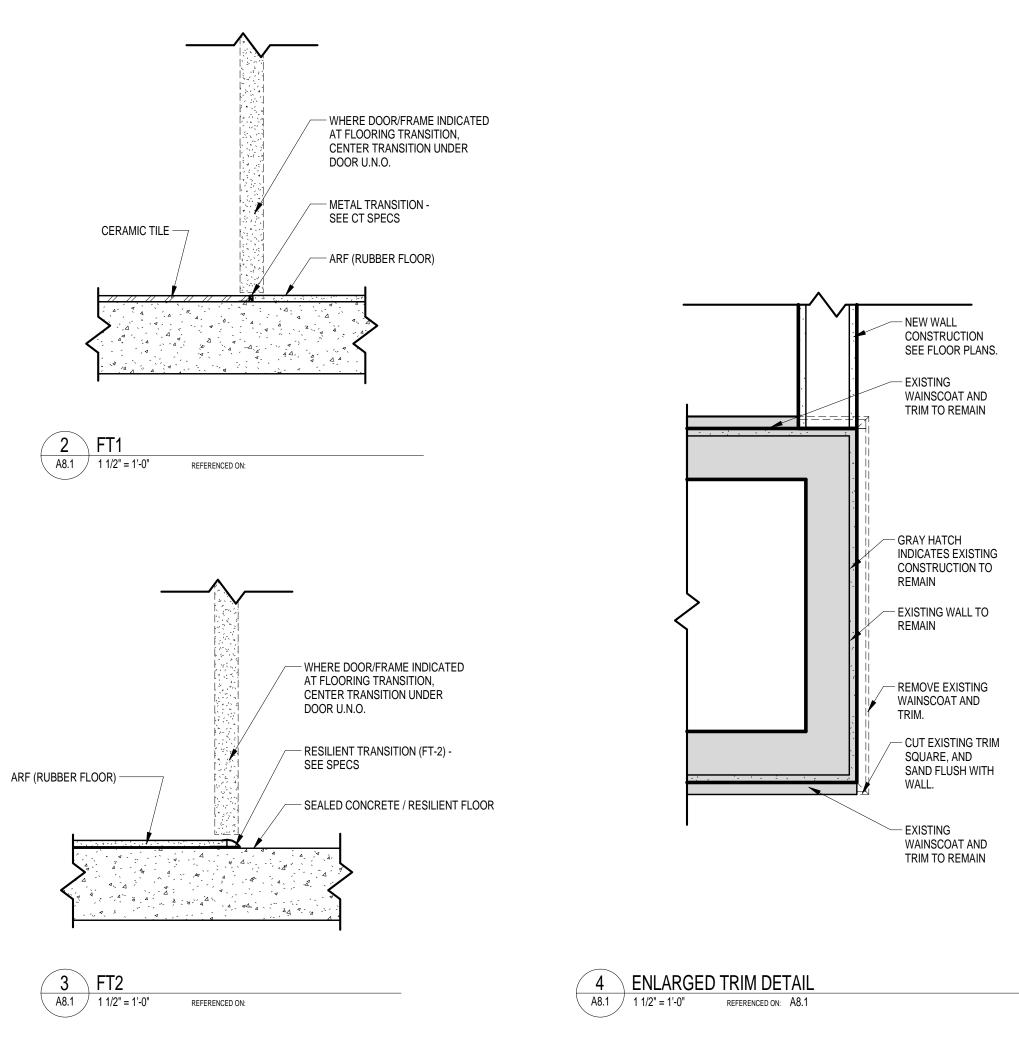
- A. WHERE SPECIFIC PRODUCTS ARE INDICATED, ITEM DESIGNATION INCORPORATES QUALITY AND AESTHETIC APPEARANCE FOR 'BASIS OF DESIGN.' SEE SPECIFICATIONS FOR EQUAL MANUFACTURER'S PER PRODUCT TYPE INDICATED. DEPENDING ON LOCATION OF ITEM, ALTERNATES SHALL MATCH IN COLOR/ TEXTURE, AS WELL AS PERFORMANCE CRITERIA, PER ARCHITECT'S APPROVAL.
- B. ALL PAINT COLOR SELECTIONS SHALL BE FIELD VERIFIED WITH ARCHITECT IN LIGHTED CONDITIONS PRIOR TO FINAL INSTALLATION, SEE SPEC. RE: MOCK-UPS REFERENCE REFLECTED CEILING PLANS FOR EXTENT/LOCATION OF CEILING FINISH DESIGNATIONS AND HEIGHTS.
- C. SEE FINISH PLANS AND/OR ENLARGED INTERIOR PLANS & ELEVATIONS FOR EXTENT OF SPECIFIC FINISH DESIGNATIONS.
- D. FINISH COLUMNS IN OPEN AREAS TO MATCH ADJACENT WALLS, UNLESS NOTED OTHERWISE.
- E. SEE SILL DETAILS, FLOORING SPECIFICATIONS AND FINISH PLANS FOR TRANSITION STRIPS.

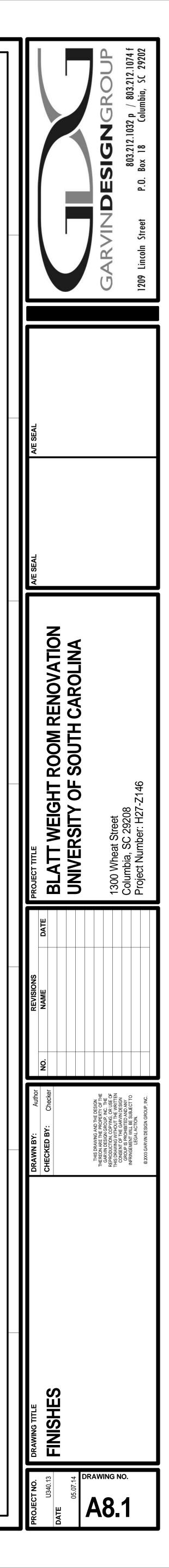
KEYNOTES - FINISH PLAN

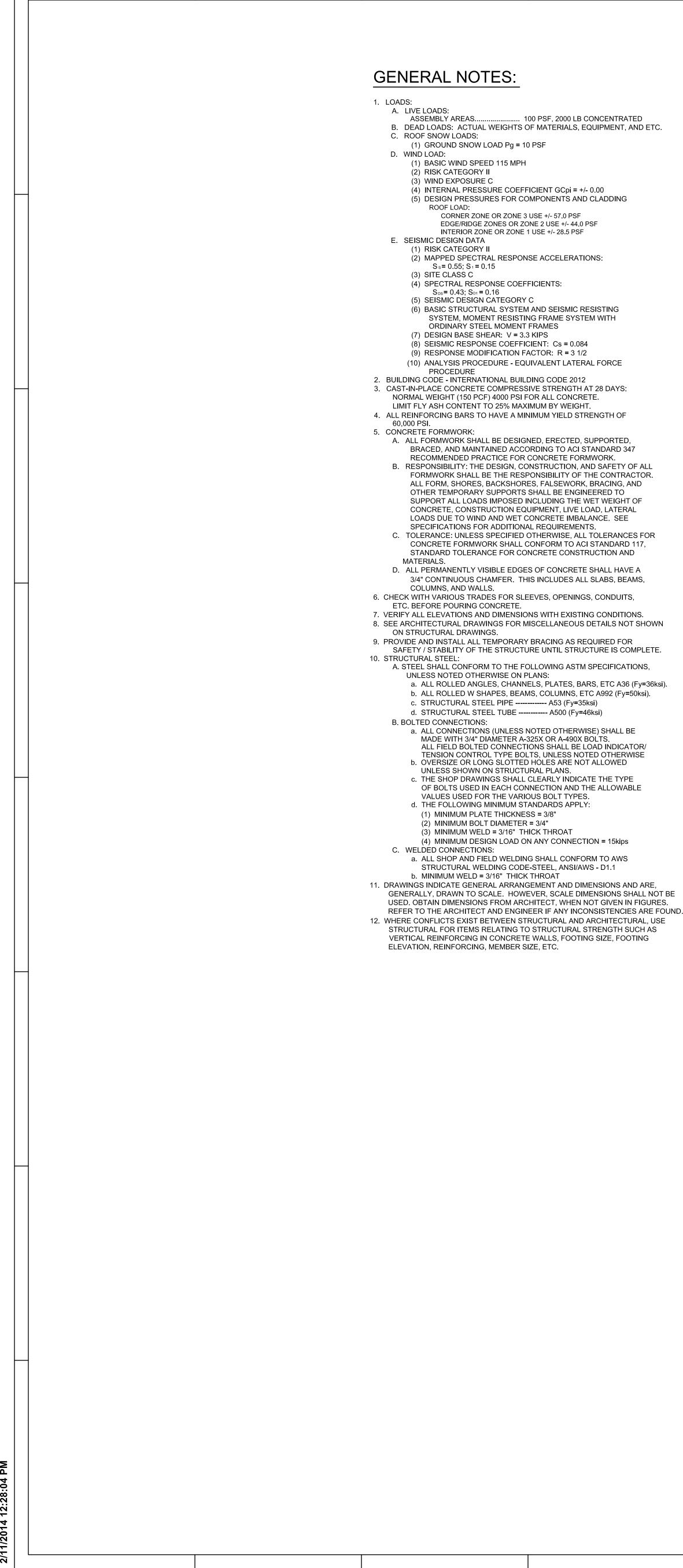
- 1 INFILL RUBBER TILE UNITS @ DEMO LOCATIONS. SEE DEMO AND FINISH PLANS FOR LOCATION OF NEW MATERIALS, FIELD VERIFY QUANTITY OF MATERIAL REQUIRED--RE-USE EXISTING MATERIAL TO GREATEST EXTENT POSSIBLE; PROVIDE NEW MATERIAL, TO MATCH, IF NECESSARY.
- 2 SECURE, CLEAN, AND SPRAY EXISTING DUCTS AND SUPPORTS, P-4, FLAT.
- (3) PAINT ACCENT WALLS, AS INDICATED, SEE FINISH PLAN.
- **LEGEND FINISHES**

FLOORING MATERIAL









STRIPPED OF ANY ROOT SYSTEMS, SURFACE VEGETATION, ORGANIC SURFACE SOILS, EXISTING CONCRETE SLABS, FOOTINGS, BURIED FUEL TANKS, UNDERGROUND UTILITIES, AND ANY OTHER UNSUITABLE NEAR SURFACE MATERIALS. ALSO, ALL EXISTING MATERIAL BENEATH THE BUILDING AREAS SHALL BE COMPLETELY REMOVED TO A DEPTH DETERMINED BY THE TESTING LABORATORY NECESSARY TO OBTAIN THE REQUIRED BEARING VALUE. THE UNDERCUTTING SHALL EXTEND AT LEAST FIVE FEET OUTSIDE THE BUILDING AREA. AFTER STRIPPING AND UNDERCUTTING, THE EXPOSED SUBGRADE SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER TO CONFIRM THAT ALL UNSUITABLE MATERIALS HAVE BEEN REMOVED. THE EXPOSED SUBGRADE SHALL THEN BE DENSIFIED, TO 95% OF STANDARD PROCTOR DENSITY IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER, WITH APPROVED EQUIPMENT. 3. ALL EXISTING FOUNDATIONS, UTILITIES, TANKS, ETC. WITHIN THE PROPOSED BUILDING AREA SHALL BE REMOVED. IF EXISTING UTILITIES, FOUNDATIONS, TANKS, ETC. ARE LOCATED BELOW THE PROPOSED FOOTINGS, THEY SHALL BE BACKFILLED WITH A WELL COMPACTED CRUSHED STONE. 4. ONCE THE EXPOSED SUBGRADE AREAS HAVE BEEN SATISFACTORILY STABILIZED/DENSIFIED, THE PLACED FILL SOILS SHALL BE COMPACTED IN LIFTS NOT EXCEEDING EIGHT (8") INCHES IN LOOSE THICKNESS. AN IN PLACE DRY DENSITY OF APPROXIMATELY NINETY FIVE PERCENT (95%) OF THE MAXIMUM STANDARD PROCTOR DENSITY (ASTM D-698) SHALL BE OBTAINED IN EACH LIFT. ALL FILL MATERIAL SHALL BE TESTED BY LABORATORY PERSONNEL TO VERIFY THEIR SUITABILITY FOR USE AS A STRUCTURAL FILL. 5. THE TESTING LABORATORY SHALL DO A SUFFICIENT NUMBER OF IN PLACE DENSITY TESTS TO CONFIRM THAT THE REQUIRED DEGREE OF COMPACTION IS OBTAINED. 6. EACH FOOTING EXCAVATION SHALL BE THOROUGHLY TAMPED USING A

1. FOOTINGS DESIGNED FOR AN ASSUMED SOIL BEARING VALUE OF

VERIFY BEARING VALUE PRIOR TO FOOTING PLACEMENT.

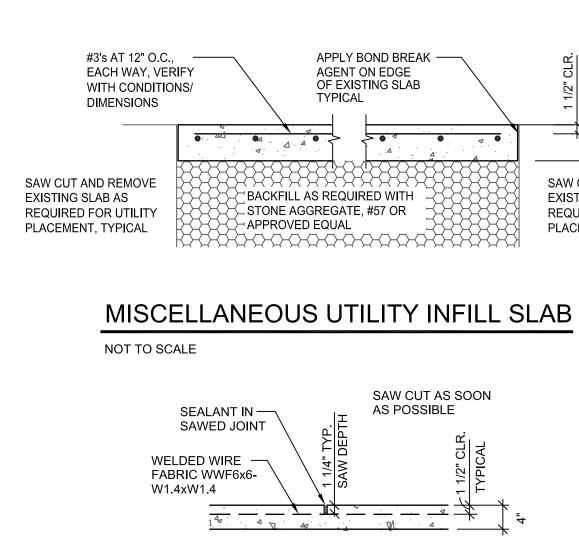
2. BEFORE ANY CONSTRUCTION, THE ENTIRE SITE AREA SHALL BE

2000 PSF. GEOTECHNICAL ENGINEER/TESTING LABORATORY SHALL

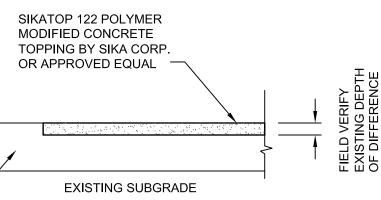
SOIL NOTES:

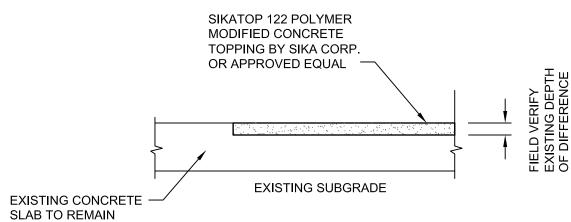
MECHANICAL TAMPER BEFORE PLACING ANY STEEL OR CONCRETE. ALL SOFT, LOOSE, OR OTHERWISE QUESTIONABLE SOILS SHALL BE STABILIZED BY COMPACTING IN PLACE OR BY REMOVING AND REPLACING SUCH UNSUITABLE SOILS. IN AREAS THAT ARE DIFFICULT TO STABILIZE, A COARSE CRUSHED AGGREGATE SHALL BE USED TO STABILIZE THE EXCAVATIONS. TESTING LABORATORY SHALL VERIFY THAT THE FOOTING EXCAVATIONS HAVE BEEN COMPACTED AND THAT THE BEARING CAPACITY HAS BEEN ACHIEVE.

- 7. CONTRACTOR SHALL ESTABLISH AND MAINTAIN GOOD SITE DRAINAGE THROUGHOUT CONSTRUCTION. 8. IT IS REQUIRED THAT ALL FOOTINGS BE CONSTRUCTED AS SOON AS POSSIBLE AFTER EXCAVATION TO BEARING SOILS IS COMPLETED. IF THE BEARING SOILS ARE EXPOSED TO SURFACE OR RAIN WATER, THE SOFTENED SOIL SHALL BE THOROUGHLY REMOVED PRIOR TO PLACEMENT OF CONCRETE. IF IT IS ANTICIPATED THAT FOOTING EXCAVATIONS WILL REMAIN EXPOSED FOR MORE THAN 24 HOURS OR IF RAIN IS IMMINENT WHILE BEARING SOILS ARE EXPOSED, A 2 TO 4 INCH
- THICKNESS OF 2000 PSI MINIMUM STRENGTH CONCRETE MAY BE PLACED OVER BEARING SOILS FOR PROTECTION. 9. IMMEDIATELY PRIOR TO CONSTRUCTING THE FLOOR SLAB OR PAVEMENT BASE COURSE, THE SUBGRADE SHALL BE RECOMPACTED TO REPAIR ANY SUBGRADE SOILS THAT HAVE BEEN DISTURBED DURING CONSTRUCTION. AFTER COMPACTION OF THE SUBGRADE, FIELD DENSITY TESTING AND PROOFROLLING SHALL BE PERFORMED TO EVALUATE THE CONDITIONS OF THE SUBGRADE BEFORE PLACING THE SLAB OR PAVING BASE COURSE. 10. THE COMPACTION RECOMMENDATIONS GIVEN ABOVE ALSO APPLY TO BACKFILL FOR UTILITY TRENCHES WITHIN THE BUILDING AND PAVED AREAS. FIELD DENSITY TESTING SHALL BE PERFORMED THROUGHOUT
- THE BACKFILLING PROCESS TO DOCUMENT THE CONTRACTOR'S COMPACTION PERFORMANCE IN THE UTILITY TRENCH BACKFILL. 11. PROVIDE 4" COMPACTED GRANULAR AGGREGATE BASE BENEATH SLABS.



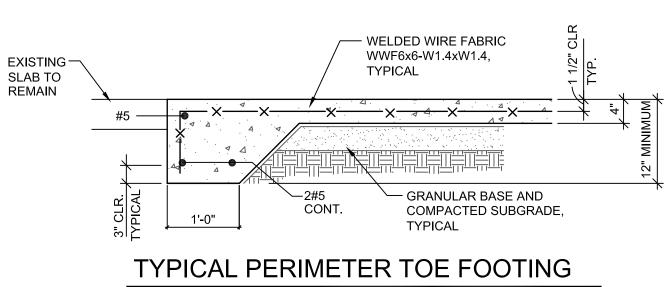
TYPICAL SAW JOINT (S.J.) SCALE: 3/4"=1'-0"





CLEAN AND PREPARE EXISTING CONCRETE TO RECEIVE FILLER/ TOPPING SLAB. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS FOR PREPARATION, PROCEDURES, AND WORKMANSHIP. PROVIDE COURSE AGGREGATE IN THE MIX WHEN DEPTH IS GREATER THAN 1" IN DEPTH PER MANUFACTURER'S RECOMMENDATIONS. EQUAL PRODUCTS SHALL BE SUBMITTED FOR REVIEW.





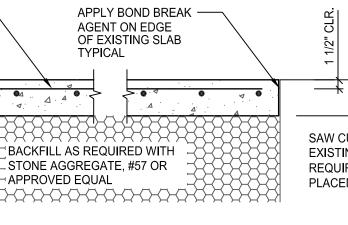
EXISTING MASONRY -WALL SHORE EXISTING WALL AND FRAMING UNTIL

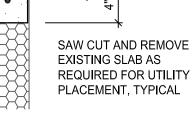
SCALE: 3/4"=1'-0"

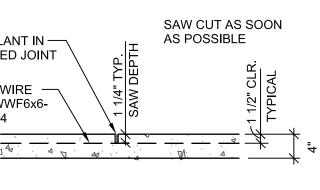
NEW STEEL LINTEL IS IN PLACE NEW MASONRY GROUT SOLID CONTINUOUS 1/4"-PLATE

> NOTE: PROVIDE BEARING PLATES @ EACH END OF NEW LINTEL, 7"x1/4"x7" WITH (2) 1/2" ANCHORS. REMOVE PORTION OF MASONRY, TO SET PLATE, AND FILL SOLID UNDER PLATE W/ NON-SHRINK GROUT, REPAIR MASONRY AFTER PLACEMENT.

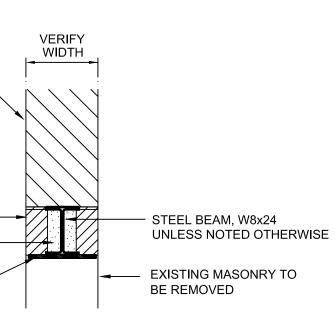
NOT TO SCALE



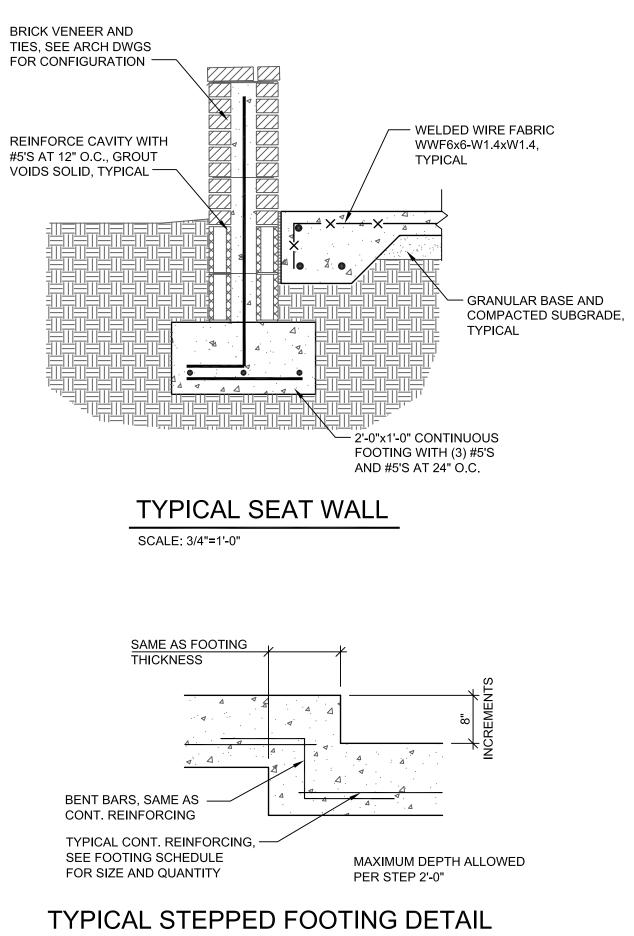




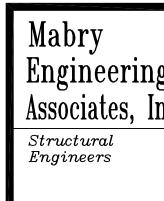
TYPICAL PATCHING AT EXISTING SLABS



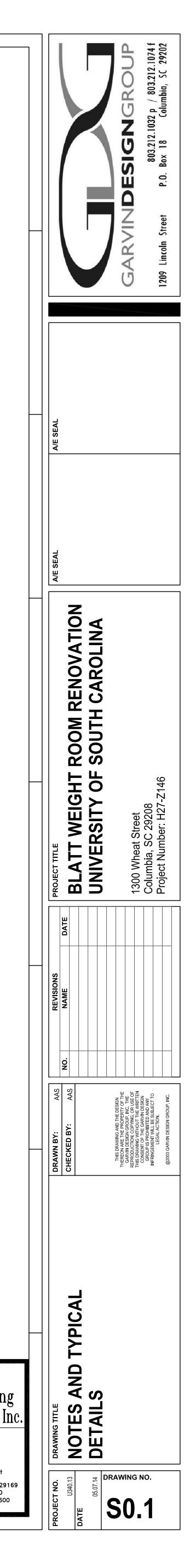
NEW LINTEL IN EXISTING WALL



SCALE: 3/4"=1'-0"



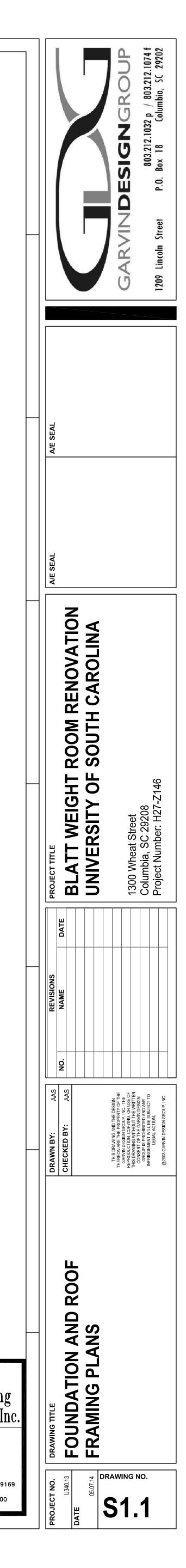
840 Shull Street Suite 100 West Columbia, SC 2916 (803) 926–0000 FAX (803) 926-7600 MEAI# 14-735

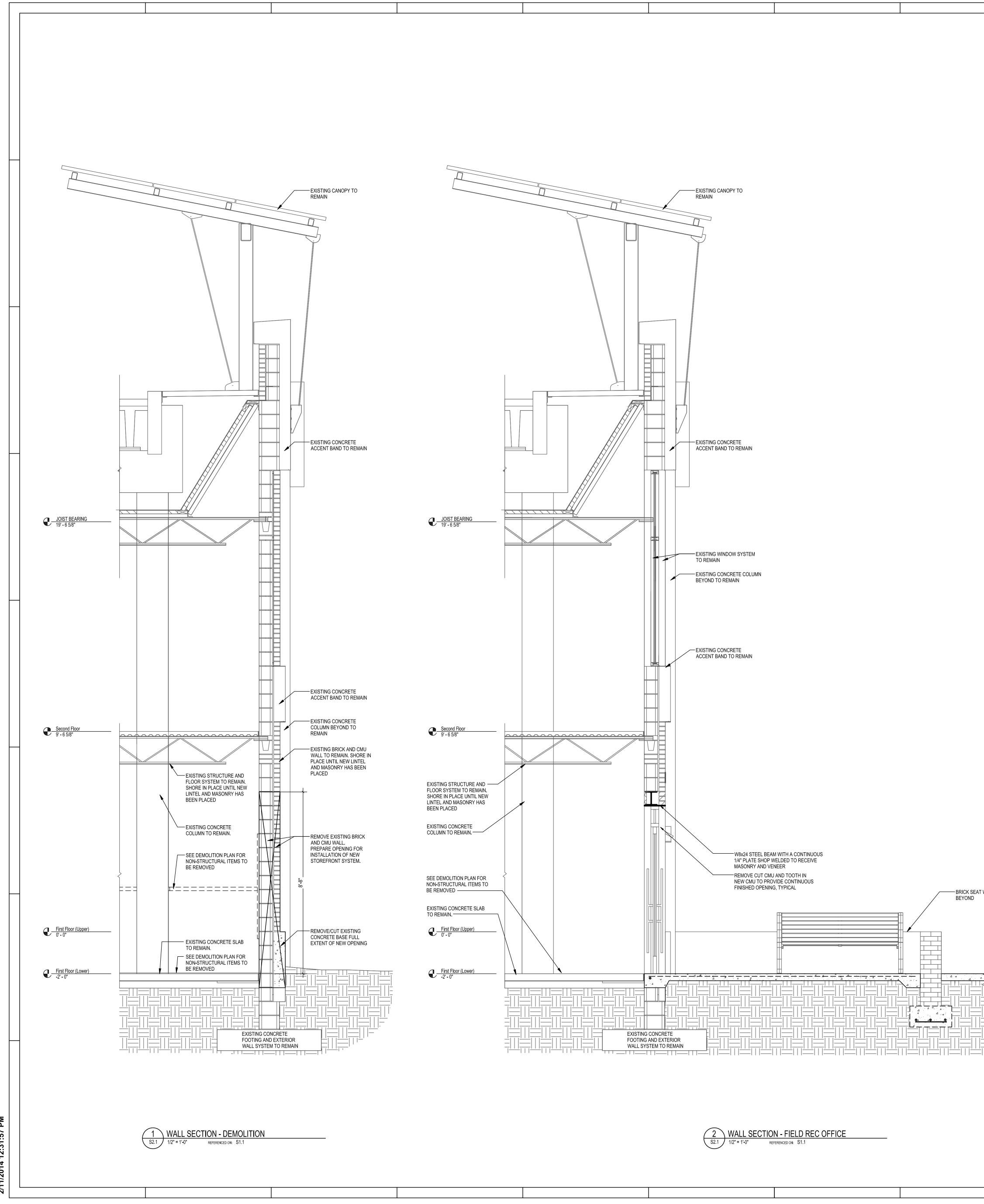


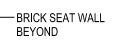


Mabry Engineering Associates, Inc Structural Engineers

840 Shull Street Suite 100 West Columbia, SC 29169 (803) 926-0000 FAX (803) 926-7600 MEAI# 14-735



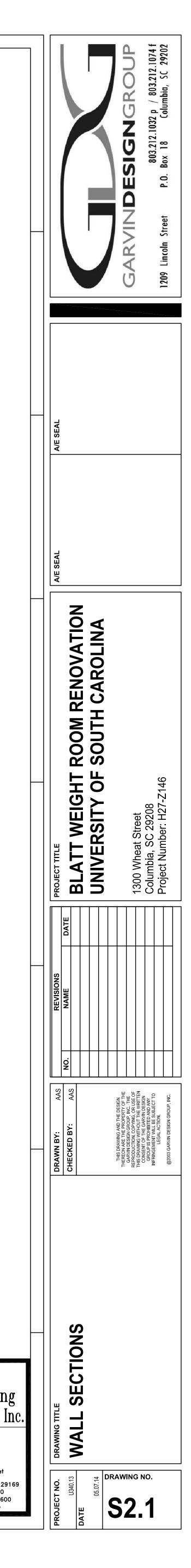


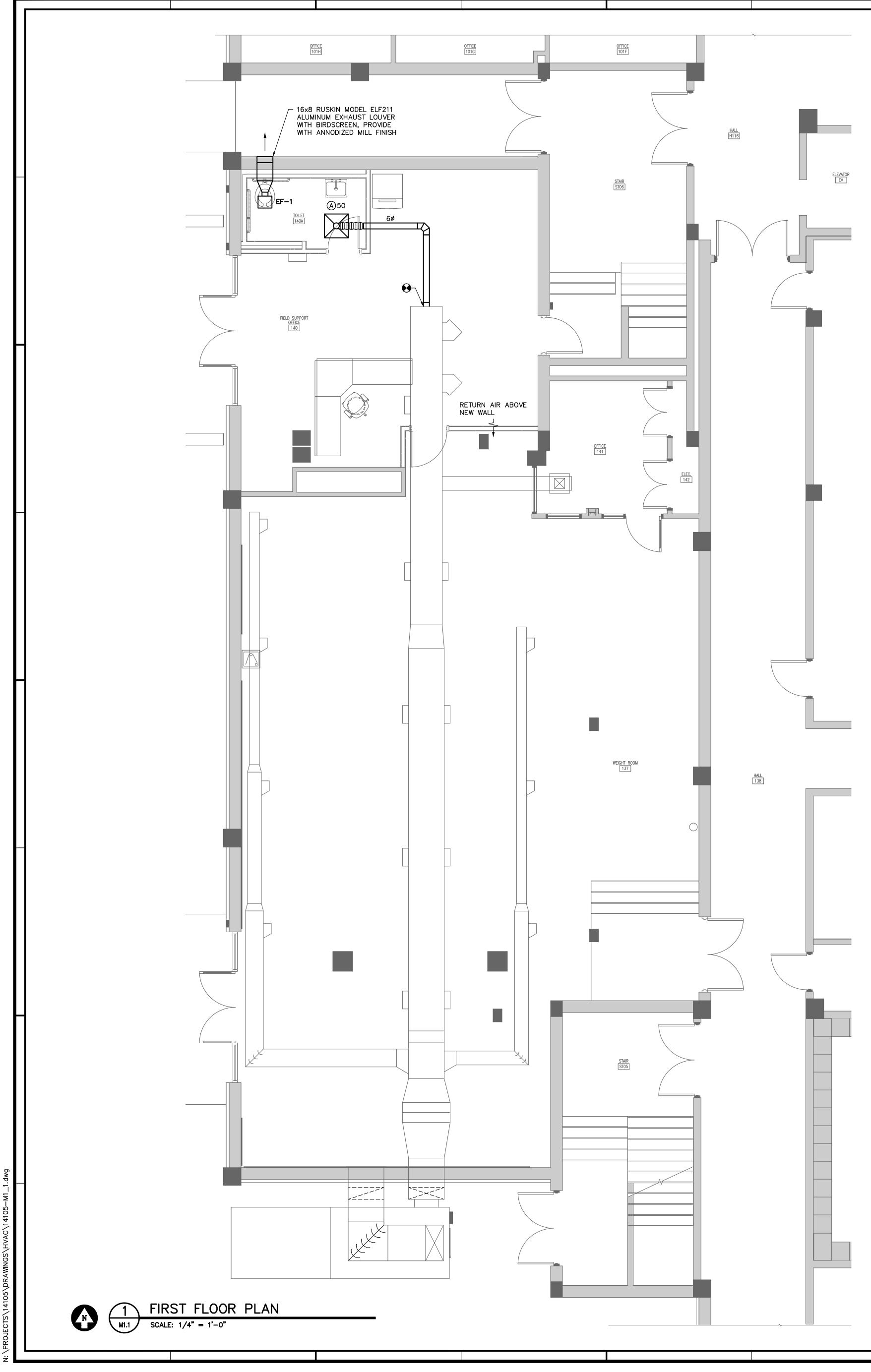




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AIR DISTRIBUTION SCHEDULE									
TAG	DESCRIPTION	MANUFACTURER	MODEL	FRAME	CFM	NECK SIZE	FACE SIZE	MAX NC	REMARKS
A	PERFORATED SUPPLY	PRICE	APDC	LAY-IN	0–125	6"ø	24"x24"	30	1,2
1. PROVIDE WITH STANDARD WHITE FINISH. 2. PROVIDE ALUMINUM OR ALUMINIZED STEEL CONSTRUCTION.									

EXHAUST FAN SCHEDULE							
TAG	GREENHECK MODEL NO.	TYPE	CFM	ESP	MOTOR H.P./W	SONES (MAX.)	REMARKS
EF-1	SP-B110	CEILING	70	0.375	100	1.0	1,2
 PROVIDE WITH CEILING GRILLE, BACKDRAFT DAMPER, DISCONNECT SWITCH, AND SPEED CONTROL MOUNTED ON FAN. INTERLOCK WITH WALL SWITCH, PROVIDED AND WIRED BY ELECTRICAL CONTRACTOR. 							



GENERAL NOTES

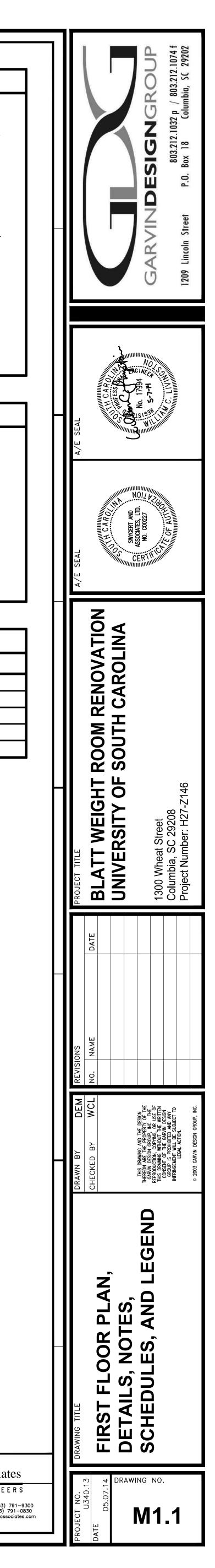
- 1. VISIT SITE PRIOR TO BIDDING. THIS CONTRACTOR SHALL DETERMINE DIFFICULTY OF INSTALLATION AND REFLECT THIS IN HIS BIDDING.
- 2. DO NOT SCALE DRAWINGS. THIS CONTRACTOR SHALL VERIFY ALL EXISTING ITEMS AND LOCATIONS IN THE FIELD.
- 3. ALL PIPING AND DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH FLOORS, ROOFS AND PARTITIONS.
- 4. ALL MECHANICAL ITEMS EXTENDING THROUGH WALLS SHALL BE FLASHED AND COUNTERFLASHED.
- 5. ALL OPEN END DUCTS SHALL HAVE 1/2-INCH MESH GALVANIZED SCREEN IN
- REMOVABLE FRAME. 6. PROVIDE FOR ACCESS TO ALL EQUIPMENT REQUIRING CLEANING OR ADJUSTMENT.
- 7. THIS CONTRACTOR SHALL PROVIDE ALL ITEMS OF MISCELLANEOUS STEEL AS REQUIRED FOR INSTALLATION OF ALL MECHANICAL ITEMS.
- 8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY DISMANTLING OF EQUIPMENT TO BE REMOVED. ITEMS REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.
- 9. THE HVAC SYSTEMS SHALL NOT BE OPERATED DURING HEAVY CONSTRUCTION OPERATIONS INCLUDING MASONRY, GYPSUM BOARD SANDING, HEAVY CLEANUP ACTIVITIES, OR OTHER ACTIVITIES THAT CREATE AIRBORNE PARTICLES OR DEBRIS. ALL SYSTEMS SHALL BE CLEAN OF CONSTRUCTION DEBRIS, DUST AND DIRT AT FINAL COMPLETION. DUCT CLEANING AND UNIT/COIL CLEANING SHALL BE PERFORMED IF REQUIRED.

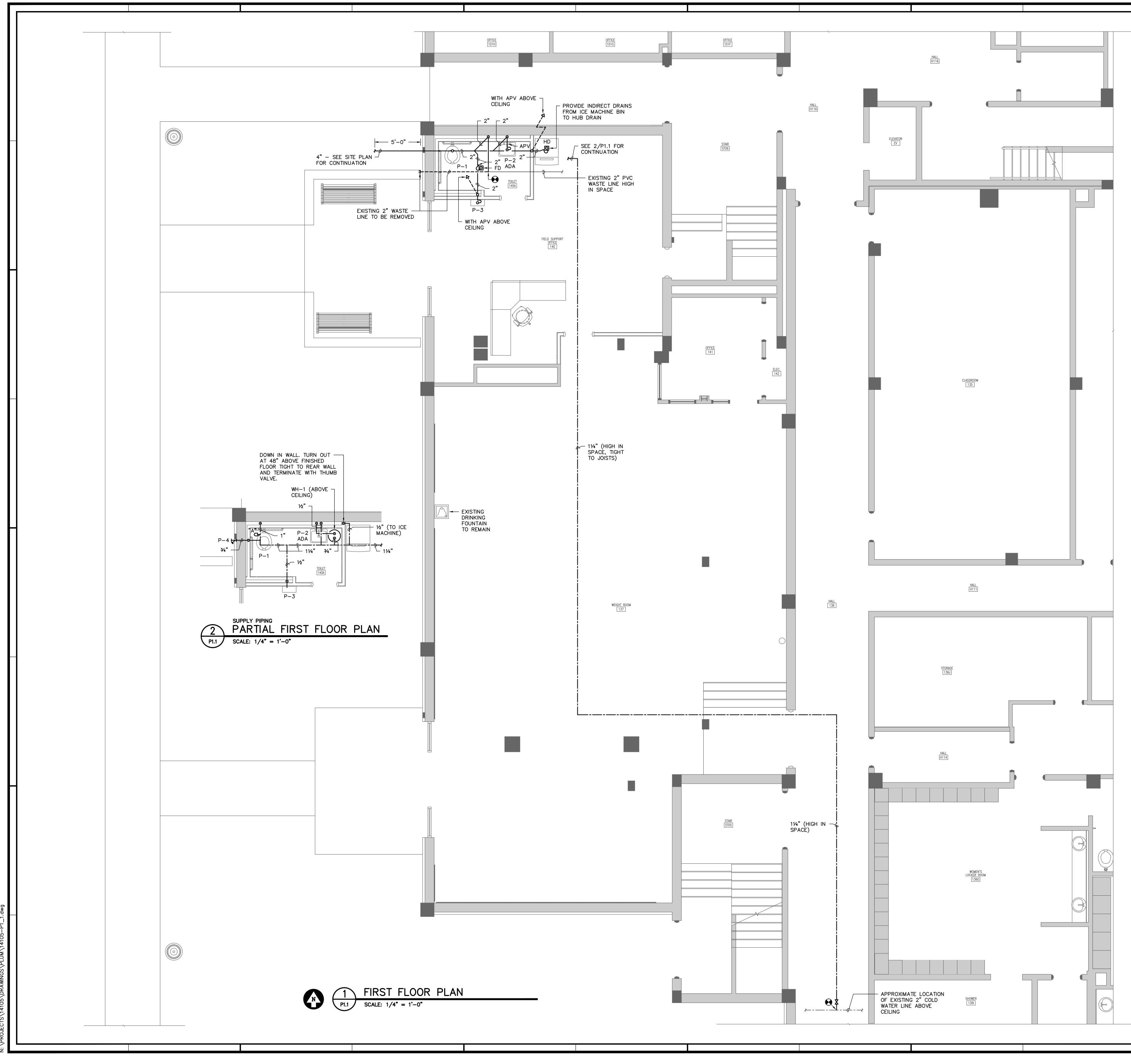
GENERAL NOTES

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2012 INTERNATIONAL MECHANICAL CODE, SMACNA, AND ASHRAE STANDARDS. ALL LOCAL CODES OR REQUIREMENTS STILL APPLY.
- 2. ROUND DUCTS SHALL BE GALVANIZED SHEET METAL SEALED WITH LOW PRESSURE DUCT MASTIC. LOCKING QUADRANT BALANCING DAMPERS SHALL BE INSTALLED IN EACH BRANCH TAKEOFF AT THE MAIN TRUNK DUCT. FLEXIBLE DUCT SHALL NOT EXCEED 8' IN LENGTH AND SHALL BE EQUAL TO FLEXMASTER TYPE 1M.
- 3. SUPPLY AND RETURN DUCTS SHALL BE INSULATED WITH 2" THICK, 3/4# DENSITY DUCT WRAP. DUCT WRAP SHALL BE SEALED WITH FIBERGLASS REINFORCING MESH, STAPLES AND MASTIC AT THE JOINTS.
- 4. ALL EQUIPMENT, PRODUCTS AND WORK SHALL BE GUARANTEED TO BE FREE OF DEFECTS IN MANUFACTURE AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. ALL REPAIRS WILL BE MADE AT NO COST TO THE OWNER.

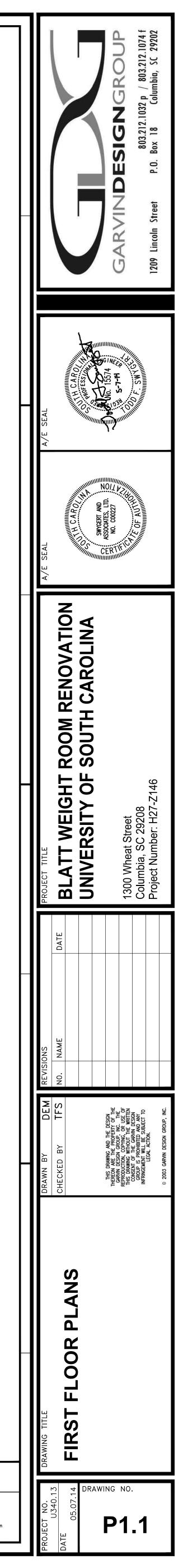
LEGEND					
SYMBOL	DESCRIPTION				
A 100	TYPE "A" DIFFUSER, 100 CFM				
\boxtimes	RECTANGULAR SUPPLY DUCTWORK				
	RETURN, EXHAUST, FRESH AIR DUCTWORK				
48x24	48"x24" RECTANGULAR DUCT				
$\mathbf{\Theta}$	CONNECTION POINT OF NEW TO EXISTING				

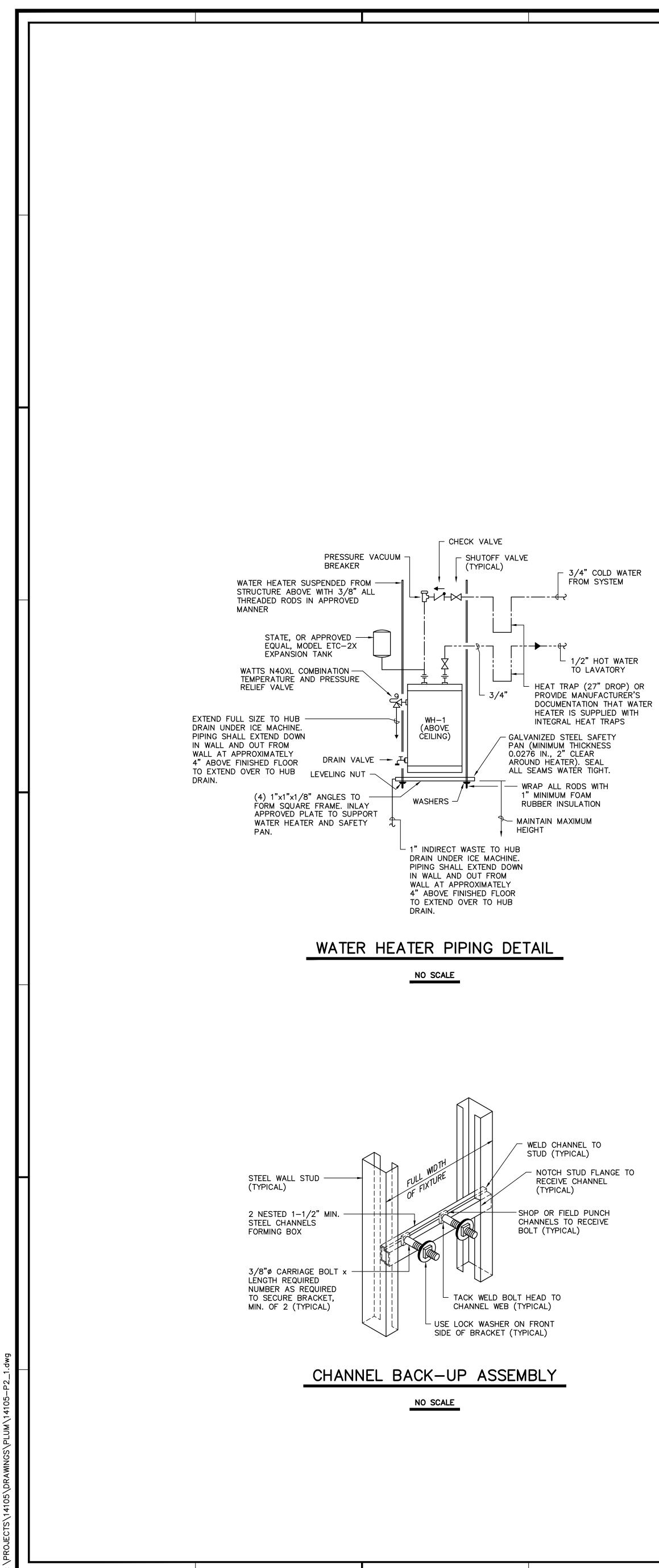
SPIN-IN FITTING WITH 45' EXTRACTOR AND MANUAL BALANCING DAMPER WITH STANDOFF LOCKING QUADRANT (INSULATED) ROUND SHEET METAL RUNOUT (INSULATED) FLEXIBLE DUCT RUNOUT (SAME SIZE AS DIFFUSER NECK) 8'-0" LONG MAX. RIGID ROUND SHEET METAL ELBOW (INSULATED) INSULATE BACKPAN OF ALL DIFFUSERS AND GRILLES DIFFUSER (SEE SCHEDULE FOR MODEL AND SIZE)
CEILING DIFFUSER DETAIL
NO SCALE



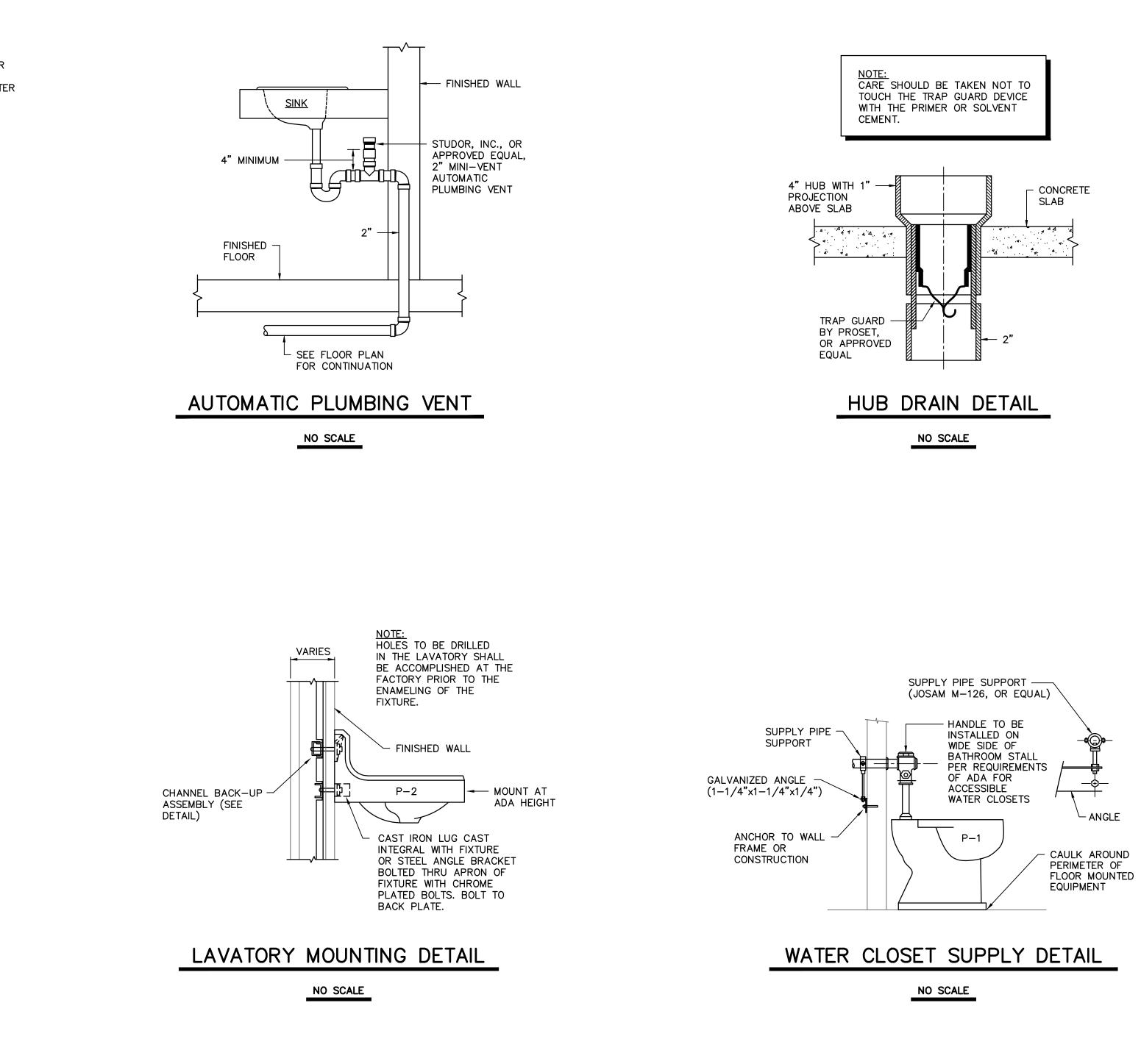


Swygert & Associates CONSULTING ENGINEERS DBA Swygert & Assoc., Ltd. Telephone: (803) 791-9300 Post Office Box 11686 Facsimile: (803) 791-0830 Columbia, S.C. 29211 mail@swygert-associates.com





PLUMBING FIXTURE SCHEDULE								
						MIN. SUPPLY		
P. NO.	FIXTURE	MFGR.	NAME	MFGRS. NO.	SIZE	CW	нw	REMARKS
P-1	ACCESSIBLE WATER CLOSET	KOHLER	HIGHLINE	K-4405		1"		WITH SLOAN MODEL 111-XL FLUSH VALVE, BENEKE 527 SEAT, AND BOLT CAPS.
P-2	LAVATORY	KOHLER	KINGSTON	K-2005	21"x18"	3/8"	3/8"	WITH DELTA MODEL 501LF- TGMHDF FAUCET, McGUIRE 155A GRID STRAINER, McGUIRE H165 3/8" CAST BRASS SUPPLIES WITH STOPS, AND McGUIRE 8872 1-1/4" P-TRAP. MOUNT PER ADA REQUIREMENTS.
P-3	BOTTLE FILLING STATION	ELKAY		LZWSSM		1/2"		WITH McGUIRE H2167 1/2" CAST BRASS SUPPLY WITH STOP, AND McGUIRE 8872 1-1/4" P-TRAP.
P-4	WALL HYDRANT	WOODFORD		MODEL 67		3/4"		FREEZELESS. MOUNTED 2'-0" ABOVE FINISHED GRADE.
WH-1	WATER HEATER	STATE	SELECT	ES6-10- SOMS	10 GALLONS	3/4"	3/4"	WITH 1650 KW INPUT AT 120 VOLTS. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL CHARACTERISTICS.
FD	FLOOR DRAIN	ZURN		ZN-415-S				WITH 5"x5" NICKLE BRONZE STRAINER, P-TRAP, AND TRAP GUARD BY PROSET, OR APPROVED EQUAL.

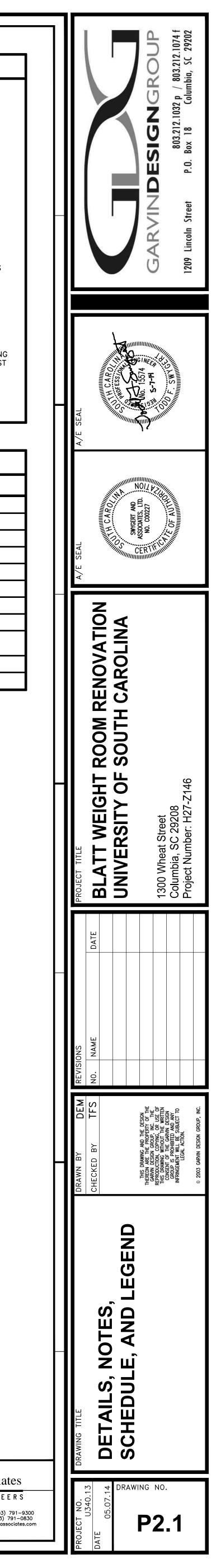


GENERAL NOTES

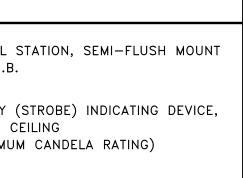
- 1. ALL WORK SHALL BE PERFORMED ACCORDING TO ALL LOCAL, STATE, NATIONAL CODES, AND THE 2012 INTERNATIONAL PLUMBING CODE.
- 2. SEE SITE PLAN FOR CONTINUATION OF UTILITIES.
- 3. ALL CONNECTIONS WITH SITE AT 5'-0" FROM BUILDING SHALL BE MADE BY THIS CONTRACTOR. THIS CONTRACTOR SHALL ALSO PROVIDE ALL NECESSARY TRANSITIONS IN PIPE SIZE AND/OR MATERIALS.
- 4. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS, FIXTURE LOCATIONS, ETC.
- 5. EXCEPT WHERE PIPE SPACE IS PROVIDED OR UNLESS NOTED OTHERWISE, ALL SUPPLY, WASTE AND VENT RISERS SHALL BE RUN IN WALLS AND PARTITIONS.
- 6. COORDINATE CLOSELY WITH ALL WORK DONE UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE AND CONFLICT.
- 7. PROVIDE FOR ACCESS TO ALL EQUIPMENT REQUIRING CLEANING OR ADJUSTMENT.
- 8. VALVES WITH THREADED HOSE CONNECTIONS SHALL BE EQUIPPED WITH A WATTS REGULATOR COMPANY, NO. NF8 BACK-SIPHONAGE, BACKFLOW PREVENTER.
- 9. EXPOSED WASTE AND WATER PIPING UNDER LAVATORIES MARKED "ADA" SHALL BE INSULATED WITH HANDI LAV-GUARD KIT MODEL NUMBER 102W AS MANUFACTURED BY TRUEBRO, INC., OR APPROVED EQUAL.
- 10. ALL PIPING INSULATION SHALL BE RUN CONTINUOUSLY.
- 11. REMOVAL AND REPLACEMENT OF CEILING IN CORRIDOR, AS REQUIRED FOR INSTALLATION OF NEW WORK, SHALL BE DONE BY THIS CONTRACTOR. ANY CEILING GRID OR TILE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT NO COST TO THE OWNER.
- 12. EXISTING FLOOR SLAB SHALL BE "SAW-CUT" FOR INSTALLATION OF NEW SEWER LINES. THIS CONTRACTOR SHALL PATCH AND FILL FOR CONCRETE FINISH BY OTHERS.

LEGEND						
SYMBOL	DESCRIPTION					
۲	SANITARY WASTE LINE					
۶۶	SANITARY VENT LINE					
، <u> </u>	DOMESTIC COLD WATER LINE					
چ <u> </u>	DOMESTIC HOT WATER LINE					
≻−− ×	SHUTOFF VALVE					
<u>ې ۲</u> ۳۸	SHOCK ARRESTOR (P.D.I. RATING OF "A")					
و,	PIPE TURNS TO, AWAY					
P-4 کی	WALL HYDRANT					
ADA	FIXTURE FOR USE ACCORDING TO THE AMERICANS WITH DISABILITIES ACT					
APV	AUTOMATIC PLUMBING VENT					
Θ	CONNECTION POINT OF NEW TO EXISTING					

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A	LIGHTING FIXTURES (SEE LIGHTING FIXTURE SCHEDULE) (LETTER DENOTES TYPE, NUMBER DENOTES CIRCUIT)	F	FIRE ALARM MANUAL PULL STATIO IN WALL AT 48" AFF T.O.B.				
\bowtie	LIGHTING FIXTURES WITH BATTERY BACKED CIRCUIT POWER	[√] 60cd	FIRE ALARM VISIBLE—ONLY (STROE SEMI—FLUSH MOUNTED IN CEILING (NUMBER INDICATES MINIMUM CAN				
⊗ +	EXIT SIGN, SINGLE OR DOUBLE FACED, CEILING OR WALL MOUNTED, BATTERY BACKED	H √ 30cd	FIRE ALARM VISIBLE—ONLY (STROE SEMI—FLUSH MOUNTED IN WALL A				
S ⊾	SINGLE POLE SWITCH, FLUSH MOUNTED IN WALL AT 48" AFF T.O.B. (LETTER DENOTES SWITCHLEG)	A∕√	(NUMBER INDICATES MINIMUM CAN FIRE ALARM HORN/STROBE INDICA FLUSH MOUNTED IN CEILING				
S ³	THREE WAY SWITCH FLUSH MOUNTED IN WALL AT 48" AFF T.O.B.	15cd	(NUMBER INDICATES MINIMUM CAN				
S 4	FOUR WAY SWITCH FLUSH MOUNTED IN WALL AT 48" AFF T.O.B.	F 15cd WP	(SPEAKER TYPE), SEMI-FLUSH MO 80" AFF (WP = WEATHERPROOF F (NUMBER INDICATES MINIMUM CAN				
S fan N	SINGLE POLE SWITCH, FLUSH MOUNTED IN WALL AT 48" AFF T.O.B. (DESIGNATED FOR EXHAUST FAN) NIGHT LIGHT (NO LOCAL SWITCHING)	S	PHOTOELECTRIC SPOT-TYPE SMOK FLUSH MOUNT DETECTOR IN CEILI				
→ ₁₂	20 AMP DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 48" AFF (NUMBER DENOTES CIRCUIT)	$\langle H \rangle$	135 DEGREE SPOT-TYPE HEAT DE TEMPERATURE. SEMI-FLUSH MOUN				
	20 AMP DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 42" AFF OR 6" ABOVE COUNTER BACKSPLASH (GFI = GROUND FAULT INTERRUPTER)		CONTROL PANELS (SYSTEM AS INI FLUSH MOUNTED RESPECTIVELY.				
= D	(WP = WEATHERPROOF METALLIC "IN-USE" TYPE COVER) 20 AMP DOUBLE DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 18" AFF UNLESS NOTED OTHERWISE.	_⊲	SECURITY CAMERA JUNCTION BOX				
4	VOICE/DATA J-BOX, FLUSH MOUNTED IN WALL AT 18" AFF UNLESS NOTED OTHERWISE. PROVIDE A 4" SQUARE x 2" DEEP STEEL BOX WITH SINGLE-GANG PLASTER RING BLANK PLASTIC/PHENOLIC WALLPLATE. PROVIDE ONE 1" EMT RACEWAY WITH PULL STRING FROM BOX TO	R	CARD READER JUNCTION BOX, 4" MOUNTED IN WALL AT 48" T.O.E OTHERWISE. PROVIDE 3/4" CONI ABOVE CEILING WITH 90° BEND & PLASTER RING				
	EXISTING COMMUNICATIONS ROOM. PROVIDE A PLASTIC BUSHING ON BOTH ENDS OF RACEWAY.		LIGHT LINE REPRESENTS EXISTING OR EQUIPMENT TO REMAIN IN PLA				
¢	VOICE/DATA J-BOX, FLUSH MOUNTED IN WALL AT 42" AFF OR 6" ABOVE COUNTER BACKSPLASH UNLESS NOTED OTHERWISE. PROVIDE A 4" SQUARE x 2" DEEP STEEL BOX WITH SINGLE-GANG PLASTER RING BLANK PLASTIC/PHENOLIC WALLPLATE. PROVIDE ONE 1" EMT RACEWAY WITH PULL STRING FROM BOX TO EXISTING COMMUNICATIONS ROOM. PROVIDE A PLASTIC BUSHING ON BOTH ENDS OF RACEWAY.		DASHED LINE REPRESENTS EXISTIN OR EQUIPMENT TO BE REMOVED. DEMOLITION/RENOVATION NOTATION DETAILED INFORMATION.				
Ю	JUNCTION BOX, FLUSH MOUNTED IN WALL AT 18" AFF UNLESS NOTED OTHERWISE (FUNCTION AS INDICATED ON PLAN)						
	ELECTRICAL PANELBOARDS, SURFACE AND FLUSH MOUNTED RESPECTIVELY						
24	ELECTRICAL SAFETY DISCONNECT SWITCH. PROVIDE SWITCH WITH RATINGS AS INDICATED IN THE DISCONNECT SWITCH SCHEDULE SHOWN ON THIS SHEET. SURFACE MOUNT SWITCH ON WALL OR EQUIPMENT AT LOCATION WHERE SWITCH HAS PROPER CLEARANCE IN ACCORDANCE WITH NEC.						
9	ELECTRICAL CONNECTION TO A MOTOR, OR TO MOTOR DRIVEN EQUIPMENT						
S ™	MOTOR DRIVEN EQUIPMENT MOTOR RATED SNAP SWITCH IN NEMA 1 ENCLOSURE						
MOUI SHAL							
	1 EXISTING LIGHTING FIXTURES MOUNTED IN EXISTING CEILING	G GRID TO BE D FOR CEILING DE DN IN RENOVATI	THIS NOTE ARE CURRENTLY EMOLISHED. DISCONNECT AND MOLITION AND RE-INSTALL IN ON PHASE. SEE SHEET E2.0				



Y (STROBE) INDICATING DEVICE, WALL AT 80" AFF MUM CANDELA RATING)

E INDICATING DEVICE, SEMI-NG MUM CANDELA RATING)

E INDICATING DEVICE, LUSH MOUNTED IN WALL AT RPROOF RATED) MUM CANDELA RATING)

PE SMOKE DETECTOR. SEMI-IN CEILING.

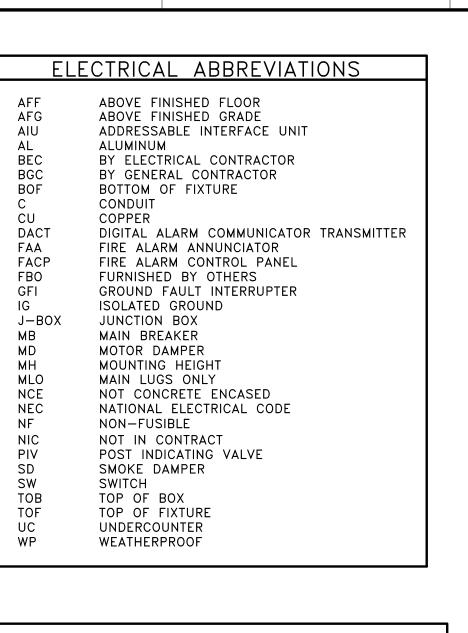
HEAT DETECTOR, FIXED SH MOUNT DETECTOR IN CEILING.

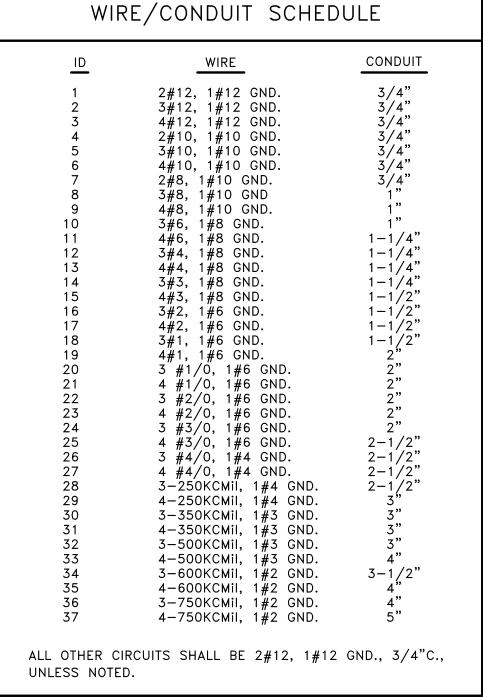
M AS INDICATED), SURFACE AND TIVELY. TION BOX

BOX, 4" SQUARE, SEMI—FLUSH 48" T.O.B. UNLESS NOTED /4" CONDUIT FROM BOX TO BEND & SINGLE GANG

EXISTING DEVICE, FIXTURE, N IN PLACE.

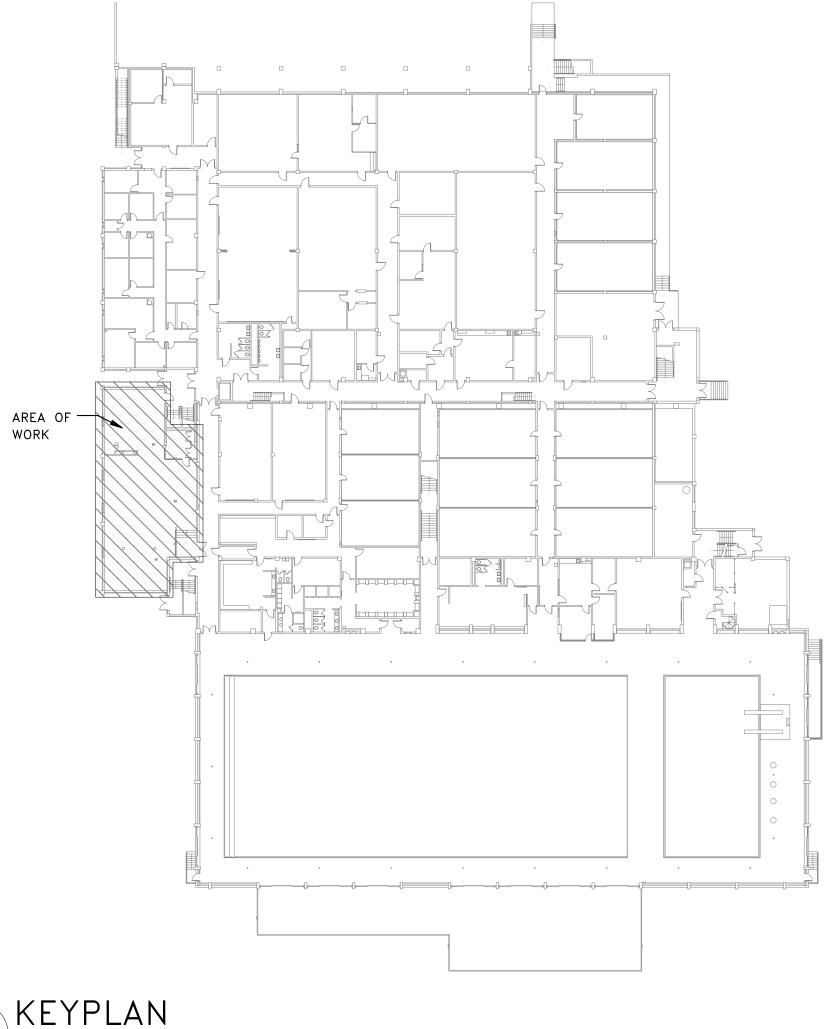
S EXISTING DEVICE, FIXTURE, EMOVED. SEE NOTATION SCHEDULE FOR



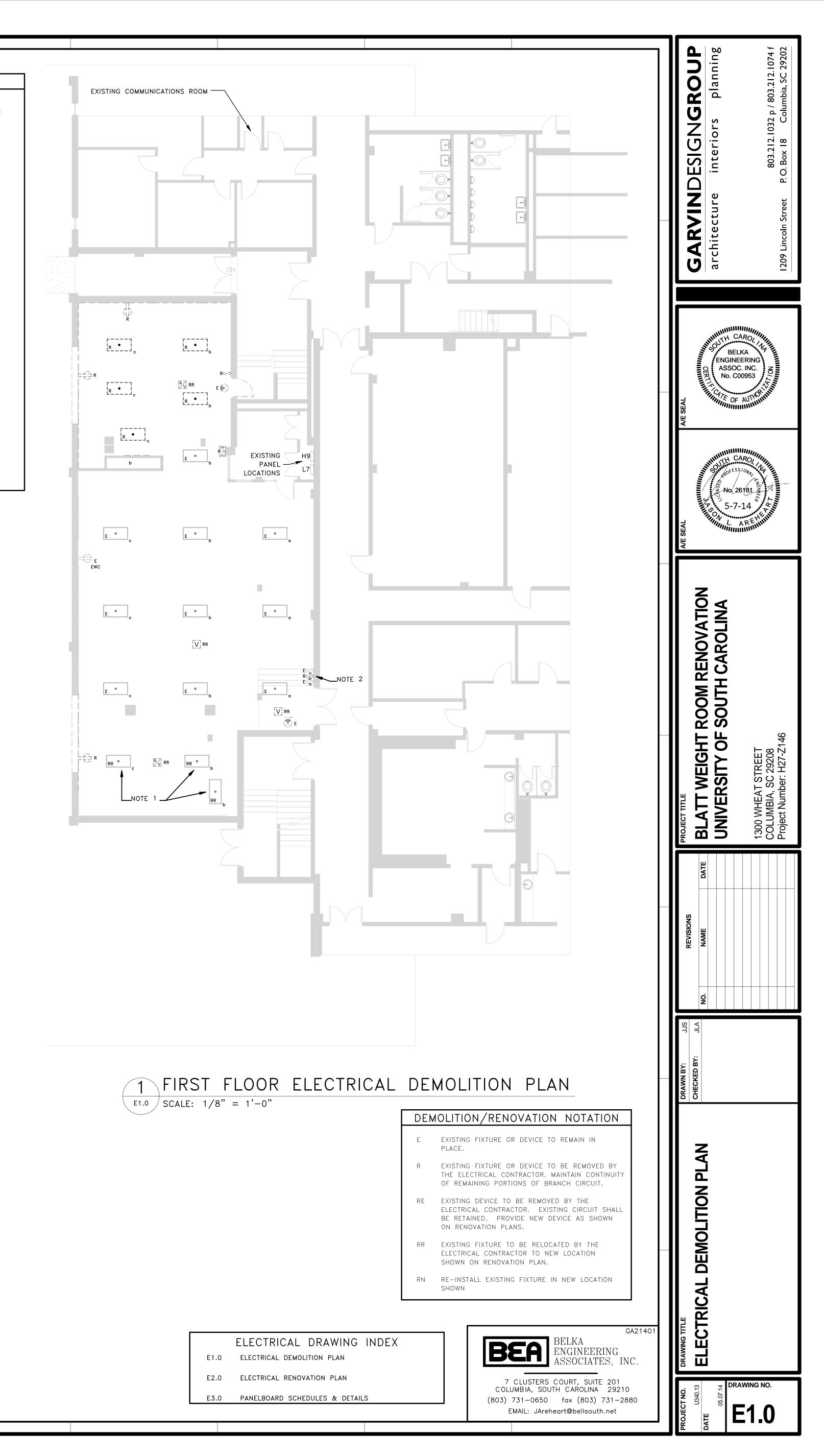


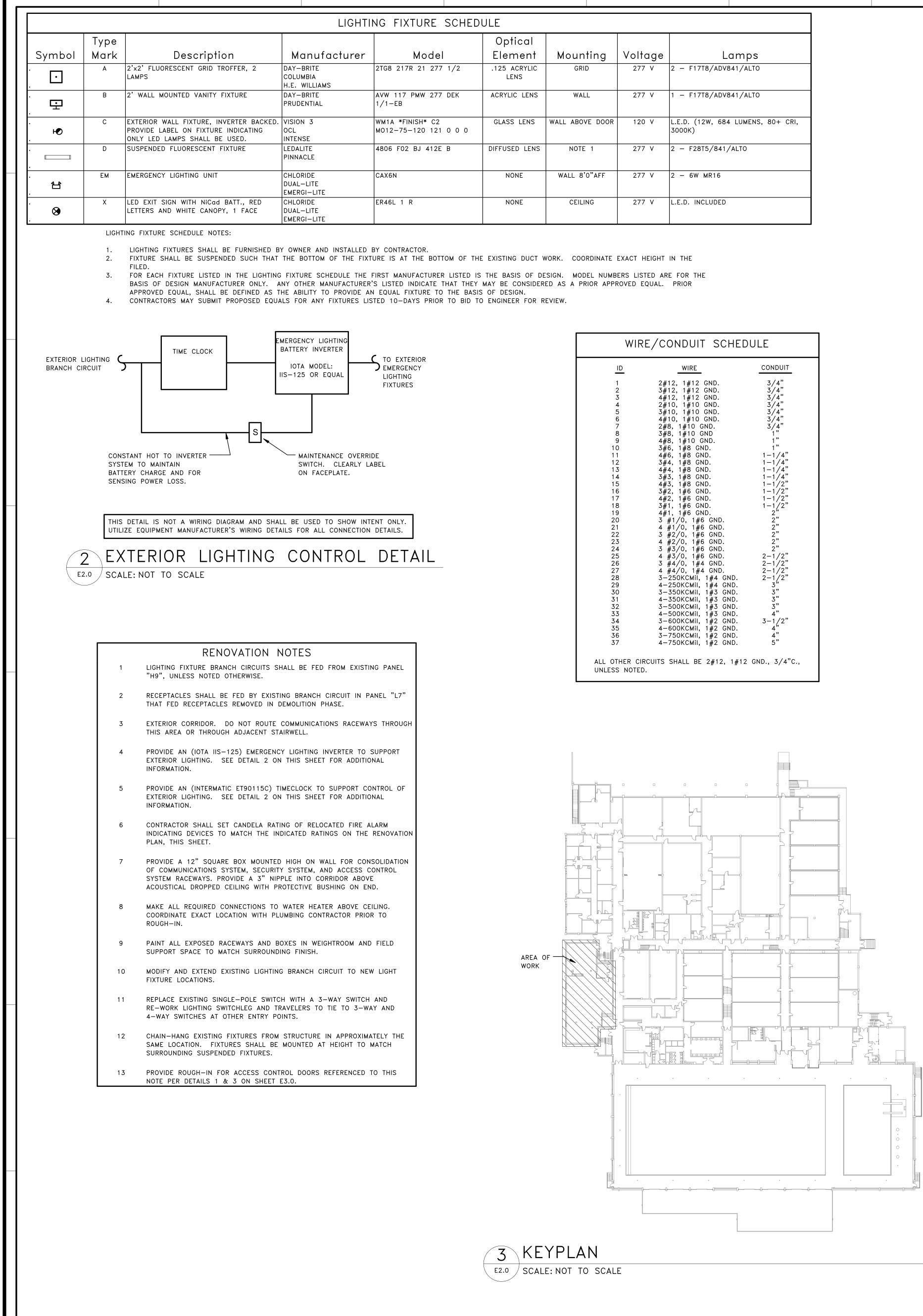
GENERAL NOTES 1. EXISTING BRANCH CIRCUITS LISTED WERE TAKEN FROM AS-BUILT DOCUMENTS AND HAVE NOT BEEN FIELD VERIFIED. CONTRACTOR SHALL FIELD VERIFY SOURCE OF BRANCH CIRCUITS PRIOR TO WORK. ALL CIRCUITS SHALL BE 2#12, 1#12 GND. IN 3/4"C. UNLESS NOTED OTHERWISE. COMMUNICATIONS, SECURITY CAMERAS, AND 3. ACCESS CONTROL SYSTEM RACEWAYS SHALL BE ROUTED FROM DEVICE LOCATIONS TO CONSOLIDATION JUNCTION BOX. SEE PLANS FOR DETAILS. ALL WORK SHALL COMPLY WITH NFPA70.2011 4. (NATIONAL ELECTRIC CODE). ELECTRICAL LAYOUT DRAWINGS ARE 5. DIGRAMMATIC. COORDINATE ALL WORK WITH ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL CONTRACT DOCUMENTS. INSTALL THE ELECTRICAL SYSTEM WITHOUT 6. INTERFERING WITH DUCTS, PIPES, STRUCTURAL STEEL, OR OTHER SYSTEMS. LOCATE LIGHTING FIXTURES SYMMETRICALLY IN 7. THE PROPER RELATION TO FINISHED AREAS, EXCEPT WHERE DIMENSIONED ON DRAWINGS OR LOCATED ON REFLECTED CEILING PLANS. 8. PROVIDE TWO #12 STEEL, SLACK CABLES TO STRUCTURE FROM EACH FIXTURE MOUNTED IN A GRID CEILING. MOUNT GROUPED DEVICES IN A SINGLE 9. CONTINUOUS MULTI-GANG BOX. 10. EMT FITTINGS SHALL BE OF THE

- COMPRESSION TYPE. SET SCREW OR INDENTOR TYPE FITTINGS SHALL NOT BE USED. 11. OUTLETS WHICH OCCUR ON OPPOSITE SIDES OF A COMMON WALL SHALL BE OFFSET A
- MINIMUM OF 12 INCHES. 12. WALL PENETRATIONS FOR RACEWAYS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. PROVIDE FIRESTOPPING AROUND RACEWAYS PENETRATING RATED WALLS PER
- ARCHITECTURAL DRAWINGS. PROVIDE DRAFTSTOP SEAL AT NON-RATED WALLS. 13. PAINT ALL EXPOSED RACEWAYS TO MATCH SURROUNDING FINISH.

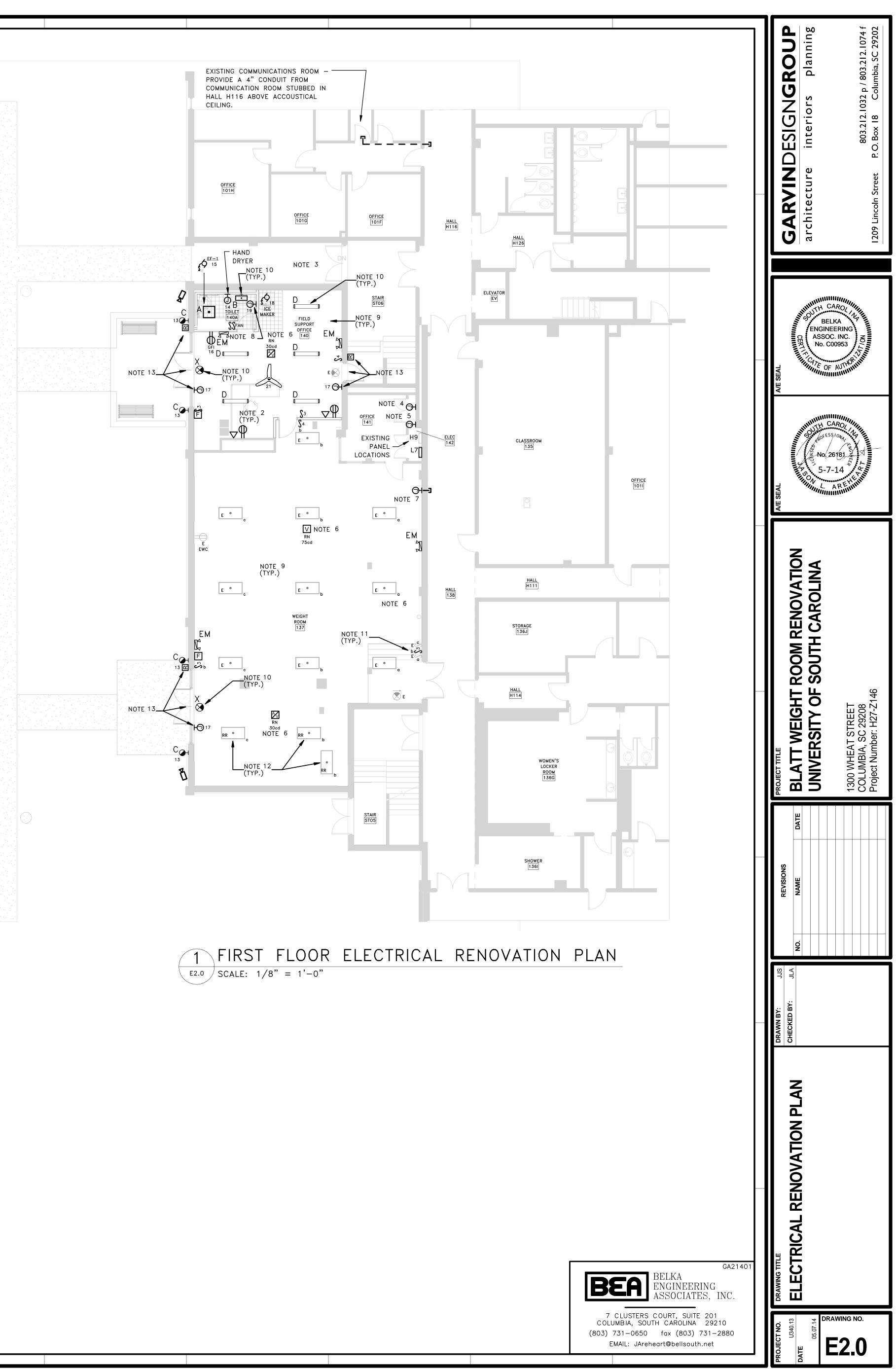


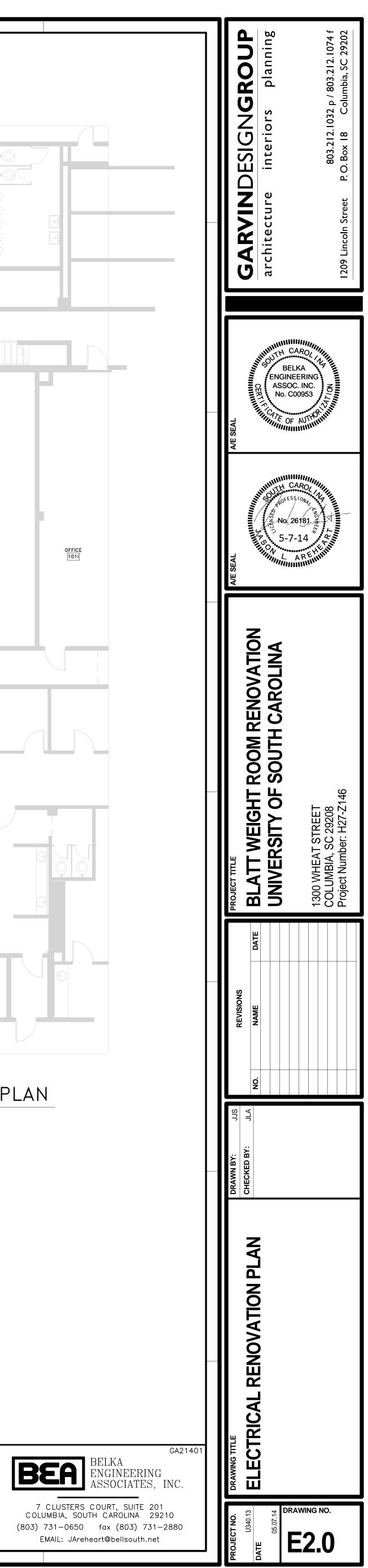


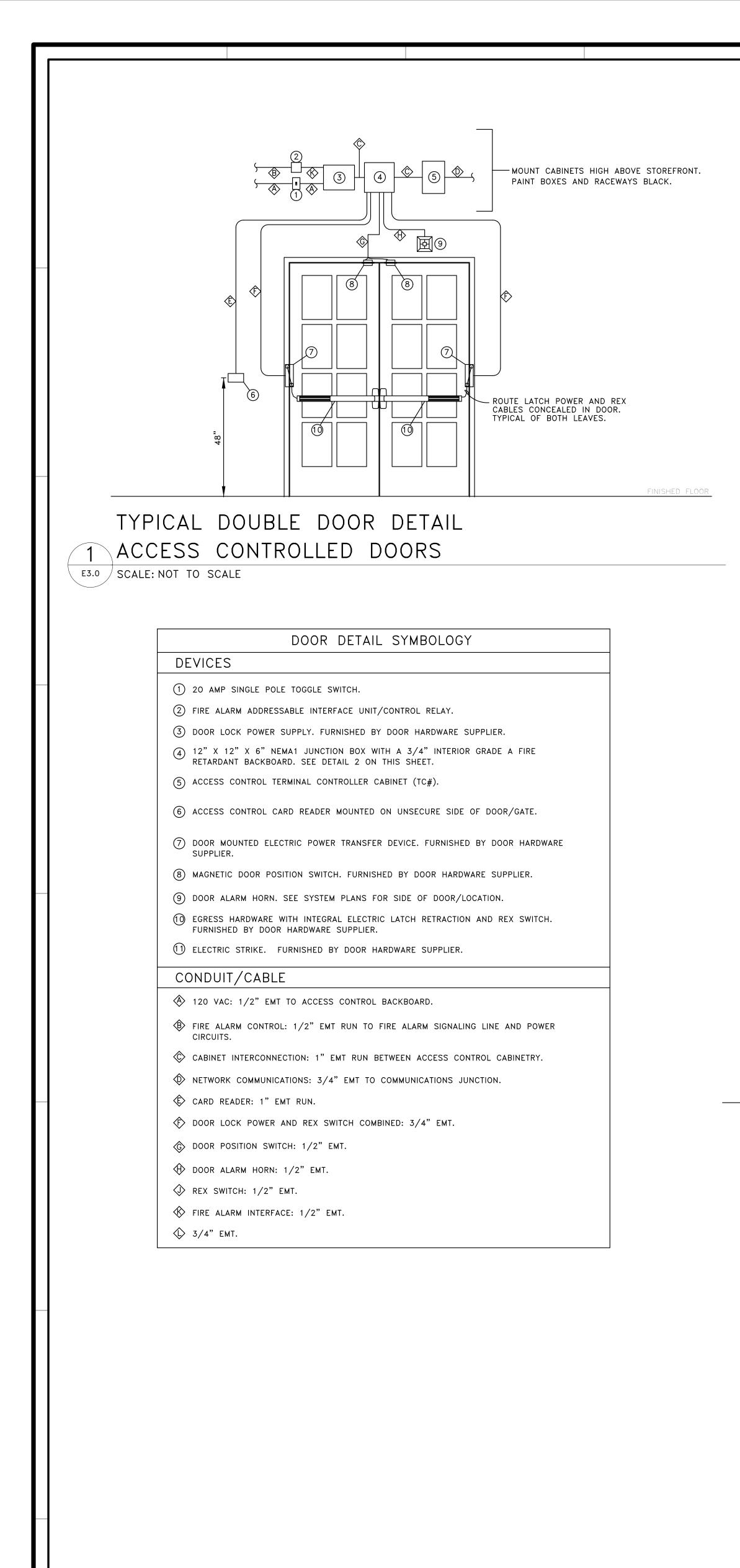




E			
Optical			
Element	Mounting	Voltage	Lamps
125 ACRYLIC LENS	GRID	277 V	2 - F17T8/ADV841/ALTO
CRYLIC LENS	WALL	277 V	1 — F17T8/ADV841/ALTO
GLASS LENS	WALL ABOVE DOOR	120 V	L.E.D. (12W, 684 LUMENS, 80+ CRI, 3000K)
FFUSED LENS	NOTE 1	277 V	2 — F28T5/841/ALTO
NONE	WALL 8'0"AFF	277 V	2 – 6W MR16
NONE	CEILING	277 V	L.E.D. INCLUDED







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