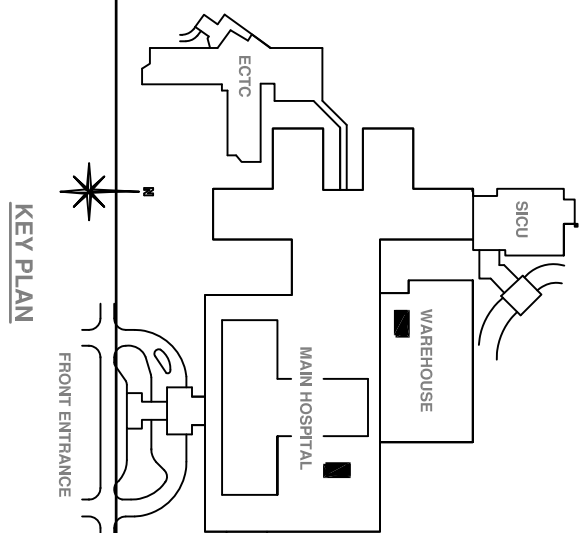
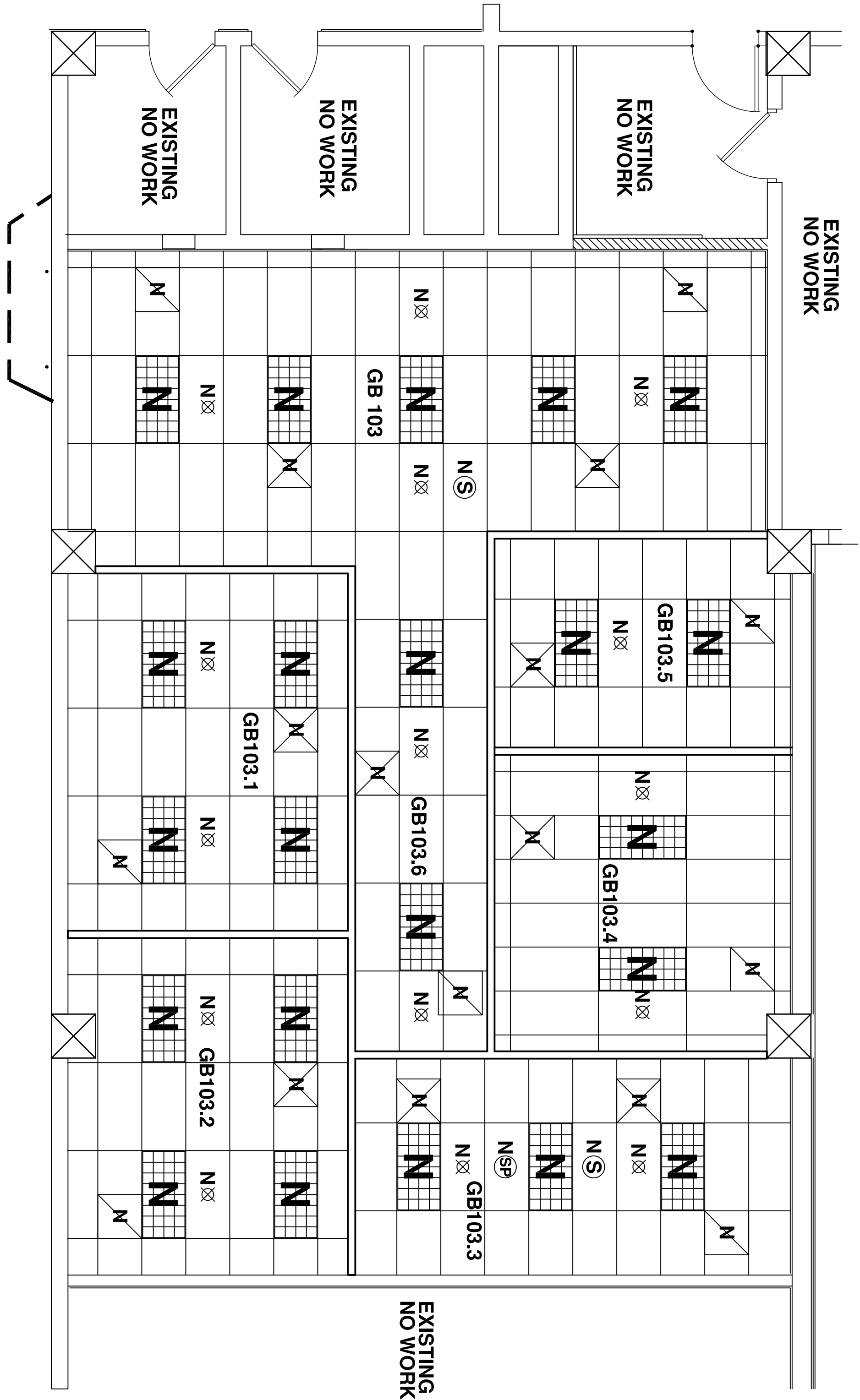
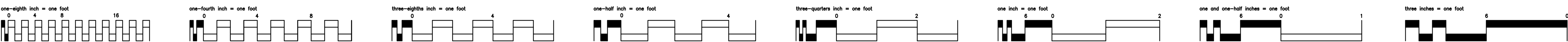


<div>GENERAL NOTES</div> <div><p>THE GENERAL PROJECT NOTES ARE PART OF THE CONTRACTOR'S SCOPE OF WORK. THEY SHALL BE FOLLOWED IN CONJUNCTION WITH AND IN ADDITION TO SPECIFICATION SECTION 01 00 00 - GENERAL REQUIREMENTS AND MUST BE INCLUDED AS PART OF THE CONTRACTOR'S BASE BID.</p><p>1. THE CONTRACTOR SHALL INSURE THAT SERVICES TO ADJACENT AREAS AFFECTED BY CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL DURING CONSTRUCTION IF ANY DISRUPTION OF SERVICES IS ANTICIPATED. THE CONTRACTOR SHALL NOTIFY THE COR AT LEAST 48 HOURS IN ADVANCE PRIOR TO SUCH DISRUPTION.</p><p>2. THE CONTRACTOR SHALL FIELD VERIFY AND INVESTIGATE EXISTING BUILDING CONDITIONS IN ORDER TO FAMILIARIZE THEMSELVES WITH THE EXTENT OF DEMOLITION AND NEW CONSTRUCTION AS DESCRIBED IN THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REASONABLY DETERMINE THE IMPACT THAT DEMOLITION AND NEW CONSTRUCTION WILL HAVE ON EXISTING BUILDING SYSTEMS INCLUDING BUT NOT LIMITED TO STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, COMMUNICATION, FIRE PROTECTION SYSTEMS AND ALL OTHER FACTORS THAT WILL AFFECT THE BID. FAILURE TO DO SO WILL NOT BE GROUNDS FOR ADDITIONAL COSTS TO THE OWNER AFTER BID HAS BEEN AWARDED.</p><p>3. THE CONTRACTOR SHALL COORDINATE AND CONFIRM IN WRITING THE LOCATIONS OF ALL UNEXPOSED UTILITIES, INCLUDING BUT NOT LIMITED TO ELECTRICAL, MECHANICAL, AND PLUMBING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING OR REPAIRING SUCH DAMAGE OCCURS. THE ADDITIONAL COST TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR DOING ANY X-RAY/IMAGERY THROUGH CONCRETE FLOOR DECK AND SLAB PRIOR TO ANY CORE DRILLING.</p><p>4. THE CONTRACTOR SHALL REPORT ALL UNFORESEEN CONDITIONS DISCOVERED DURING INSPECTIONS OR DURING CONSTRUCTION IMMEDIATELY TO THE COR FOR CLARIFICATION OR DIRECTION. BEFORE CONTINUING WITH THAT PORTION OF THE WORK, UNFORESEEN CONDITIONS SHALL INCLUDE BUT NOT BE LIMITED TO CONDITIONS NOT VISUALLY DISTINGUISHABLE OR DISCREPANCIES BETWEEN ACTUAL EXISTING CONDITIONS AND AS-BUILT INFORMATION.</p><p>5. THE CONTRACTOR SHALL REPAIR OR REPEAL EXISTING CONSTRUCTION OUTSIDE OF CONSTRUCTION LIMITS LINE DAMAGED BY CONTRACTOR'S OPERATIONS AND CONSTRUCTION ACTIVITIES AND FOR ALL AREAS WITHIN THE CONSTRUCTION LIMITS LINE DAMAGED AND NOT INDICATED IN THESE DOCUMENTS TO BE REMOVED. EXISTING CONSTRUCTION SHALL INCLUDE BUT NOT BE LIMITED TO EXPOSED OR UNEXPOSED UTILITIES, ADJACENT AREAS OF THE EXISTING BUILDING, WALLS, FINISHES, ETC., INCLUDING INTERSTITIAL SPACES.</p><p>6. IN AREAS WHERE MODIFICATIONS CAN ONLY OCCUR BY ACCESSING THROUGH ANOTHER OCCUPIED AREA OF THE FACILITY, THE CONTRACTOR SHALL INCLUDE IN THE BASE BID ALL WORK ASSOCIATED WITH PATCHING AND REPAIRING CEILINGS, WALLS, MFP SYSTEMS, ETC., DAMAGED, DISRUPTED, OR DISREPAIRED AS A RESULT OF THIS ACCESS. THE CONTRACTOR SHALL USE FINISHES AND MATERIALS TO MATCH EXISTING.</p><p>7. THE CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS INCLUDING FLOOR TO FLOOR HEIGHTS, FLOOR TO CEILING HEIGHTS, SPOT ELEVATIONS PRIOR TO PROCEEDING WITH WORK. ANY DISCREPANCIES OR CONFLICTS SHALL BE BROUGHT IMMEDIATELY TO THE COR'S ATTENTION FOR CLARIFICATION.</p><p>8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFE AND LAWFUL REMOVAL AND OFF-SITE DISPOSAL OF TRASH, DEBRIS OR UNSALVAGED ITEMS REMOVED DURING DEMOLITION IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS INCLUDING CITY OF SAN ANTONIO, COUNTY AND STATE REGULATIONS. THE PROJECT SITE SHALL BE CLEANED ON A DAILY BASIS OR AS DIRECTED BY THE COR DURING CONSTRUCTION ACTIVITIES TO PREVENT ACCUMULATION. THIS INCLUDES COMPLIANCE WITH HOSPITALS INJECTION CONTROL REQUIREMENTS.</p><p>9. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS FOR CONSTRUCTION SAFETY AND INSPECTION PROCEDURES.</p><p>10. THE CONTRACTOR SHALL CONFINE OPERATIONS WITHIN A CONSTRUCTION LIMITS LINE AS TO PREVENT WORKERS, MATERIALS OR EQUIPMENT INTO OTHER AREAS OUTSIDE OF THE CONSTRUCTION LIMITS LINE OCCUPIED BY PATIENTS, STAFF OR IN AREAS OCCUPIED BY THE GENERAL PUBLIC UNLESS OTHERWISE REQUIRED BY THESE DOCUMENTS IN ACCORDANCE WITH ITEM NO. 10 ABOVE. IN THIS CASE THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT AND PROVIDE SAFETY AND SECURITY FOR ALL OCCUPANTS.</p><p>11. THE CONTRACTOR SHALL PROVIDE SECURITY MEASURES AS REQUIRED FOR PROTECTION FROM VANDALISM, THEFT, DAMAGE TO CONSTRUCTION SITE AND PROTECTION OF THE GENERAL PUBLIC FROM HAZARDOUS OR DANGEROUS CONDITIONS AT ALL TIMES DURING CONSTRUCTION.</p><p>12. THE CONTRACTOR MAY ORDER MATERIALS ON AN "AS NEEDED" BASIS AS THE JOB PROGRESSES AND STORE ON SITE IN THE JOB SITE FLOOR AREA. THE CONTRACTOR WILL NOT HAVE ANY ADDITIONAL STORAGE SPACE AVAILABLE ELSEWHERE IN THE HOSPITAL.</p><p>13. THE CONTRACTOR IS RESPONSIBLE FOR FIRE WATCH AND SHALL KEEP AND MAINTAIN A FIRE WATCH MONITOR LOG THAT SHALL BE KEPT ON AN HOURLY BASIS, COORDINATE REQUIREMENTS WITH VA COR.</p><p>14. THE CONTRACTOR SHALL KEEP AND MAINTAIN TWO COMPLETE AND UPDATED SETS OF CONSTRUCTION DRAWINGS AND SPECIFICATIONS AT THE CONSTRUCTION SITE THROUGH THE DURATION OF CONSTRUCTION FOR REVIEW AND REFERENCE BY THE COR AND ARCHITECT. THIS SHALL INCLUDE ALL REVISIONS TO THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROJECT. REFER TO SPECIFICATION SECTION 01 00 00, 1.1.2 "AS BUILT DRAWINGS".</p><p>15. ALL CORRESPONDENCE INCLUDING BUT NOT LIMITED TO CHANGES IN THE SCOPE OF WORK, CHANGES IN COST, REQUESTS FOR INFORMATION, DIRECTIONS, INSTRUCTIONS, APPROVALS, CLARIFICATIONS, GENERAL CORRESPONDENCE, ETC., SHALL BE DIRECTED TO THE COR.</p><p>16. THE TERM "PROVIDE" AS USED IN THESE CONTRACT DOCUMENTS MEANS ALL WORK TO BE ACCOMPLISHED BY THE CONTRACTOR TO INCLUDE FURNISHING, INSTALLING, MODIFYING AND CONNECTING ALL SPECIFIED ITEMS IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.</p><p>17. THE TERMS "APPROVED EQUAL," "EQUAL TO," "ACCEPTABLE," "MATCH EXISTING," OR OTHER GENERAL CONTRACTOR'S SPECIFICATIONS SHALL BE USED ONLY WHEN THE CONTRACTOR'S MATERIALS OR METHODS DETERMINED ARE WITHIN THE GUIDELINES ESTABLISHED BY THESE CONTRACT DOCUMENTS. REFER TO SPECIFICATION SECTIONS 01 33 00 AND 01 33 23 FOR SUBMITTAL REQUIREMENTS.</p><p>18. THE TERM "TYPICAL," AS USED IN THESE DOCUMENTS MEANS THAT A SPECIFIC CONDITION, INCLUDING DIMENSIONS, THE USE OF MATERIALS, THE INTEGRATION OF MATERIALS OR OTHER ASPECTS OF CONSTRUCTION ARE CONSISTENTLY DUPLICATED ELSEWHERE IN THESE DOCUMENTS.</p><p>19. REPAIR ALL SPRAY ON FIRE PROOFING DAMAGED OR ALTERED DURING CONSTRUCTION ACTIVITIES.</p><p>20. PARKING IS EXTREMELY LIMITED ON THE VA CAMPU. NO DEDICATED CONTRACTOR PARKING ON SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE CONSTRUCTION PROJECT. CONTRACTOR SHALL TAKE THIS INTO CONSIDERATION WHEN SUBMITTING PROPOSALS.</p><p>21. ALL CONSTRUCTION IS INTENDED TO BE IN CONFORMANCE WITH FEDERAL, & STATE LAWS, CURRENT LOCAL ORDINANCES & BUILDING CODES. REPORT ANY DISCREPANCIES TO THE CONTRACTING OFFICER REPRESENTATIVE (COR) BEFORE PROCEEDING WITH WORK.</p><p>22. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE BINDING AS IF REQUIRED BY ALL. THE CONTRACTOR SHALL COORDINATE TO COMPLETE THE WORK. WORK REQUIRED BY ONE DOCUMENT BUT NOT STATED IN THE OTHER IS REQUIRED TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR. NOTIFY THE COR FOR RESOLUTION OF ALL DISCREPANCIES PRIOR TO CONSTRUCTION.</p></div>			<div>CONSTRUCTION SAFETY NOTES</div> <div><p>23. SHOULD THERE BE ANY CONFLICT(S) BETWEEN OR WITHIN DRAWINGS AND/OR SPECIFICATIONS WHICH ARE NOT RESOLVED IN WRITING BY THE COR PRIOR TO RECEIPT OF BIDS, THAT WHICH REQUIRES THE HIGHEST DEGREE OF PERFORMANCE QUALITY, QUANTITY, STRENGTH, FINISH, COMPLETION, COMPLEXITY, SOPHISTICATION, COST, ETC., WILL BE REQUIRED AND SHALL BE PROVIDED AT NO INCREASE IN CONTRACT AMOUNT. ALL SUCH CONFLICTS MUST BE REFERRED TO THE COR IMMEDIATELY UPON DISCOVERY.</p><p>24. COORDINATION AND REVIEW OF DRAWINGS. THE CONTRACTOR BEFORE AND DURING THE LAYOUT OF THE BUILDING AND SITE ELEMENTS SHALL DILIGENTLY STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER AND WITH INFORMATION FURNISHED BY THE OWNER AND REPORT IMMEDIATELY TO THE COR INCONSISTENCIES OR CONFLICTING INFORMATION.</p><p>25. CONTRACTOR(S) TO VERIFY ALL DIMENSIONS AND FIELD & SITE CONDITIONS PRIOR TO CONSTRUCTION OR PROCEEDING WITH EACH PORTION OF WORK.</p><p>26. WHERE THE WORD "SIMILAR" OR "TYPICAL" OCCURS ON OR WITHIN THE DRAWINGS, IT SHALL BE USED IN THIS GENERAL SENSE AND NOT AS MEANING IDENTICAL OR EXACT. ALL DETAILS SHALL BE WORKED OUT IN RELATION TO THEIR LOCATION AND THEIR CONNECTION TO OTHER PARTS OF THE WORK. WHERE THERE IS A QUESTION OF INTENT, NOTIFY THE COR REGARDING INTERPRETATION.</p><p>27. CONTRACTOR(S) TO VERIFY REQUIREMENTS OF ALL OWNER FURNISHED ITEMS WITH OWNER PRIOR TO PROCEEDING WITH WORK.</p><p>28. CONTRACTOR TO VERIFY ALL DIMENSIONS WITH MANUFACTURER(S) ON FIXTURES AND EQUIPMENT SUPPLIED PRIOR TO CONSTRUCTION & INSURE THAT INSTALLATION REQUIREMENTS ARE MET.</p><p>29. REFER TO ENLARGED PLANS FOR ADDITIONAL INFO INCLUDING DIMENSIONS. ENLARGED PLANS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS. NOTIFY COR OF ANY CONFLICT BEFORE PROCEEDING.</p><p>30. FOR SIZE & SPACING OF STUDS - REFER TO STRUCTURAL DRAWINGS AND NOTES EXCEPT THOSE DRAWINGS.</p><p>31. DOORS AND CASED OPENINGS INDICATED ADJACENT TO WALL INTERSECTIONS SHALL BE LOCATED WITH THE EDGE OF FINISH OPENING NOT LESS THAN FOUR INCHES FROM ADJACENT AND CASED OPENINGS SHALL BE CENTERED BETWEEN WALLS UNLESS OTHERWISE DIMENSIONED.</p><p>32. ALL DIMENSIONS INDICATED ARE FROM THE FINISHED FACE OF THE PARTITION TO THE FINISHED FACE OF THE PARTITION, UNLESS NOTED OTHERWISE.</p><p>33. CONTRACTOR(S) TO OBTAIN & COORDINATE LIST OF ITEMS TO BE FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.</p><p>34. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL BLOCKING REQUIRED FOR ANY WALL HUNG EQUIPMENT, SHELVING, ETC.</p><p>35. CONTRACTOR TO PROVIDE SEALANT AT THE FOLLOWING AREAS: 15.1. AT HOLLOW METAL FRAMES, BOTH SIDES.</p><p>36. CONTRACTOR TO REPAIR SITE TO ORIGINAL CONDITION OR BETTER AFTER CONSTRUCTION IS COMPLETED, AND KEEP SITE IN AN ORDERLY MANNER DURING CONSTRUCTION.</p><p>37. CONTRACTOR TO RECYCLE ALL MATERIALS WHERE POSSIBLE. REPORT AMOUNTS RECYCLED TO COR.</p><p>38. CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO COMMENCING WORK.</p><p>39. DETAILS SHOWN ARE INTENDED TO DESCRIBE SCOPE AND PROFILE. WHERE DETAILS HAVE NOT BEEN PROVIDED, THE WORK IS INTENDED TO BE SIMILAR TO THOSE AREAS DETAILED. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT COR PRIOR TO PROCEEDING WITH THE WORK.</p><p>40. CONTRACT DOCUMENTS INCLUDE THE DRAWINGS, SPECIFICATIONS, AND ANY ADDENDA, CHANGE ORDERS OR REVISIONS RELATING THERETO.</p><p>41. EXISTING PLANS ARE BASED ON THE EXISTING CONDITION DRAWINGS FURNISHED BY OWNER. ALL DIMENSIONS SHALL BE DETERMINED IN THE FIELD PRIOR TO PROCEEDING WITH THE WORK. THE COR SHALL BE NOTIFIED OF ANY DISCREPANCIES THAT IMPACT THE WORK.</p><p>42. AT ALL DEVICES INSTALLED IN FIRE-RATED CONSTRUCTION, CONSTRUCT AS REQUIRED TO MAINTAIN INTEGRITY OF FIRE-RATING.</p><p>43. BEFORE ANY CONSTRUCTION COMMENCES, ASBESTOS REMEDIATION TO BE PERFORMED PER ASBESTOS SURVEY REPORT.</p><p>44. CONSTRUCTION BARRIERS TO BE 1 HOUR GYPSUM BOARD TO CEILING. CONTINUE BARRIER ABOVE CEILING WITH FIRE RESISTANT POLYETHYLENE FROM TOP OF GYP BD TO DECKING.</p><p>45. CONTRACTOR TO CONFORM TO THE STANDARDS SET FORTH BY THE VETERANS ADMINISTRATION GUIDE LINES FOR ICHA INJECTION CONTROL RISK ASSESSMENT.</p><p>46. CONTRACTOR TO CONFORM TO THE STANDARDS SET FORTH BY THE VETERANS ADMINISTRATION GUIDE LINES FOR LISM (INTERIM LIFE SAFETY MEASURES).</p><p>47. ALL CONTRACTOR EMPLOYEES SHALL BE BADGE AT ALL TIMES. BADGES CAN BE ACQUIRED BY THE VA SECURITY OFFICE.</p><p>48. ALL CONTRACTOR EMPLOYEES SHALL BE TUBERCULOSIS TESTED. TESTING MUST BE COMPLETED PRIOR TO STARTING WORK.</p><p>49. NO ON SITE CONTRACTOR PARKING WILL BE ALLOWED. NO CONTRACTOR STAGING ON THE VA PROPERTY WILL BE ALLOWED.</p><p>50. ON SITE CONSTRUCTION DUMPSTER WILL BE ALLOWED. LOCATION TO BE DETERMINED BY COR.</p><p>51. AN ASBESTOS SURVEY, REPORT AND REMEDIATION WILL BE PERFORMED BY TEH VA BEFORE WORK ON THIS PROJECT IS TO START.</p><p>52. CONTRACTOR IS RESPONSIBLE FOR MOVING CAMERAS AND EQUIPMENT PER THE MANUFACTURES RECOMMENDATION. CONTRACTOR TO COORDINATE MOVE WITH CAMERA MANUFACTURER AND VA COR PRIOR TO MOVING CAMERAS. ENSURE THAT NO SPECIAL TRAINING OR CERTIFICATES ARE REQUIRED TO MOVE CAMERAS.</p></div>			<div>INFECTION PREVENTION NOTES</div> <div><p>1. ALL CONTRACTORS, CONSTRUCTION WORKERS, AND COR'S MUST ATTEND THE INFECTION PREVENTION TRAINING ANNUALLY (TEN MINUTE DVD).</p><p>2. THE INFECTION PREVENTION OFFICE SHALL BE NOTIFIED OF ALL PRE-CONSTRUCTION MEETINGS.</p><p>3. THE ICHA INFECTION CONTROL RISK ASSESSMENT SHALL BE WRITTEN AND AMENDED INTO THE CONTRACT AND SPECIFICATIONS FOR CONSTRUCTION PROJECT TO PREVENT COST DISCREPANCIES.</p><p>4. THE CONTRACTOR SHALL CLEAN THE WHEELS AND OUTSIDE OF ALL CARTS AND EQUIPMENT GOING IN AND OUT OF THE CONSTRUCTION SITE.</p><p>5. INFECTION PREVENTION OFFICE MUST BE NOTIFIED OF ALL WASTE SHUT-OFF OR INTERRUPTIONS.</p><p>6. THE CONTRACTOR SHALL WET DOWN HEAVY TRAFFIC AREAS AT LEAST TWO (2) TIMES A DAY OR MORE IF THE SITE HAS AN ICHA CLASS OF 3 OR 4 AND/OR IF THE AREA HAS HIGH VOLUME OF DUST. WATER SHALL BE CHANGED DAILY. DO NOT LEAVE STANDING WATER OVER NIGHT.</p><p>7. CONSTRUCTION WORKERS SHALL WEAR DUPONT TYVEK COVERALS OR EQUIVALENT OVER CLOTHING AND SHOE COVERS IN MODERATE TO HIGH DUST AREAS TO PREVENT CONTAMINATION OF EMPLOYEE CLOTHES AND TRACKING DUST AND DIRT INTO THE EXISTING SURROUNDING FACILITY. CONSTRUCTION WORKERS SHALL REMOVE COVERALS BEFORE LEAVING THE AREA.</p><p>8. THE INFECTION PREVENTION OFFICE NEEDS TO BE NOTIFIED IF THE HVAC MUST BE INTERRUPTED IN AREA THAT AFFECTS PATIENT CARE.</p><p>9. THE INFECTION PREVENTION OFFICE SHALL BE NOTIFIED OF ANY ANTICIPATED ALTERATIONS TO THE ACCESS ROUTES USED DURING CONSTRUCTION ACTIVITIES.</p><p>10. ALL ICHA CLASS 4 PROJECT SITES MUST HAVE AN ANTE-ROOM TO MAINTAIN NEGATIVE AIR FLOW AND BE LARGE ENOUGH TO REMOVE ALL DUST AND DEBRIS FROM THE ANTE-ROOM. THE ANTE-ROOM WILL BE CLEARLY IDENTIFIED ON THE DRAWINGS.</p><p>11. AIR FILTRATION DEVICES WITH HEPA FILTERS SHALL BE USED ON SITE FOR SMALL CLEAN-UPS IN PATIENT CARE AREAS THAT HAVE AN ICHA CLASS OF 1 OR 2.</p><p>12. THE CONTRACTOR SHALL PROVIDE A DAILY LOG FOR THE VA STAFF LOCATED ON SITE THAT CONTAINS UPDATES NOTING THE READING OF THE PRESSURE SENSOR, CERTIFY</p></div>
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- GENERAL CEILING NOTES:**
1. ANY LIGHT FIXTURES REMOVED AND NOT REUSED IN RENOVATION TO BE RETURNED TO VA
 2. LIGHTING NEEDS TO CIRCUIT BACK TO THE SWITCH IN THE ROOM THEY BOTH RESIDE
 3. WHERE FIXTURES ARE REMOVED, CEILING OR WALL, THE AREA AFFECTED NEEDS TO BE REPAIRED TO MATCH THE ADJACENT MATERIAL.
 4. WHERE NEW WALLS CUT THROUGH THE CEILING A NEW CEILING GRID ANGLE NEEDS TO BE INSTALLED. SEE DETAIL 3/A2
 5. 24 HOURS NOTICE MUST BE GIVEN FOR ANY FIRE SUPPRESSION OR SMOKE DETECTION WORK BEING DONE. ALL PAPERWORK MUST BE COMPLETE AND TURNED INTO THE PROPER OFFICE.

CEILING SYMBOLS

EXISTING FIXTURES

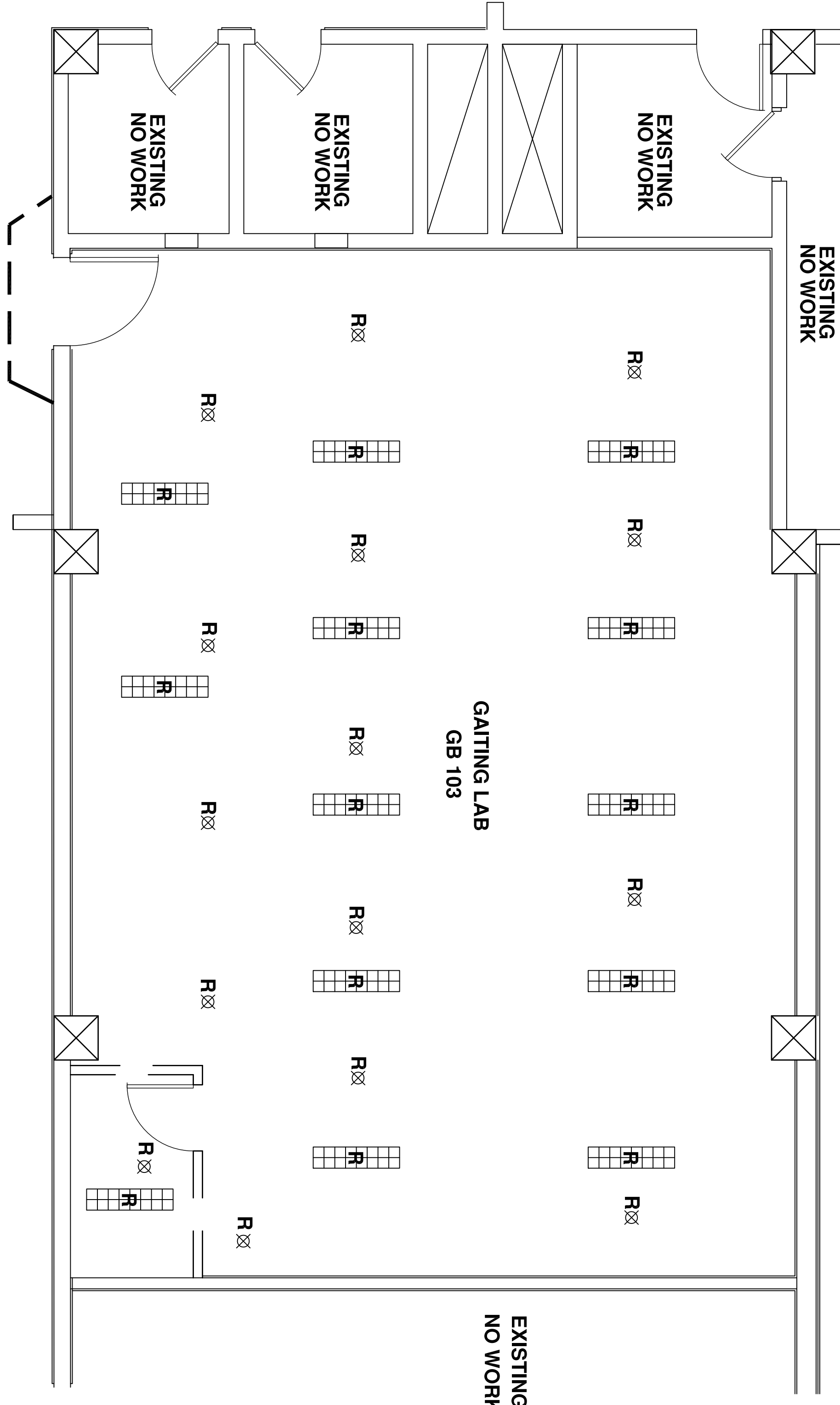
- 2'x4' LIGHT FIXTURE
- WALL MOUNTED STROBE
- SPRINKLER
- SPEAKER
- SUPPLY AIR GRILL
- RETURN AIR GRILL
- SMOKE DETECTOR
- MOTION DETECTOR

DEMOLISHED FIXTURES

- REMOVE 1'x4' LIGHT FIXTURE
- RELOCATE SUPPLY AIR GRILL
- REMOVE RETURN GRILL
- SPEAKER
- SPRINKLER
- SMOKE DETECTOR

NEW FIXTURES

- 2'x4' 2 LAMP, 32 WATT, T8 FIXTURE, HIGH EFFICIENCY
- SIGA-PHS, INTELLIGENT 3D MULTISENSOR DETECTOR
- SPRINKLER
- SPEAKER
- SUPPLY AIR GRILL
- RETURN AIR GRILL
- NEW CEILING TILE AND ANGLES



1 DEMOLITION REFLECTED CEILING PLAN
SCALE 1/4" = 1'-0"

2 REFLECTED CEILING PLAN
SCALE 1/4" = 1'-0"

Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

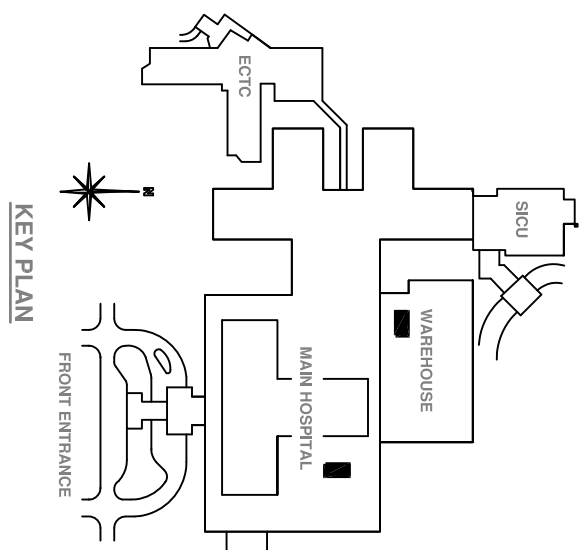
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Approved: Service Chief	Approved: Service Chief
Approved: Chief, Bio-Med	Approved: Chief, EMS
Approved: Chief, IT	Approved: Chief, M&O
Approved: Chief, Safety	Approved: Chief

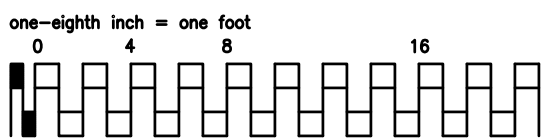
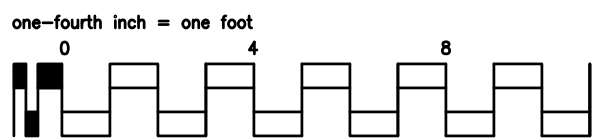
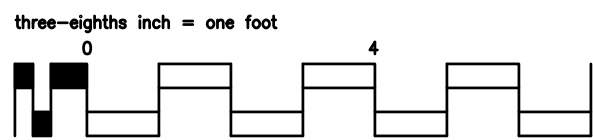
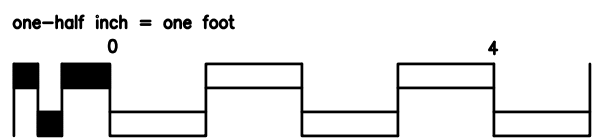
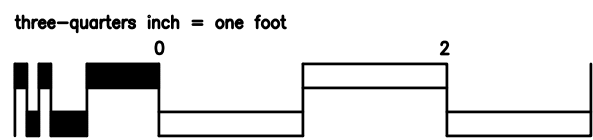
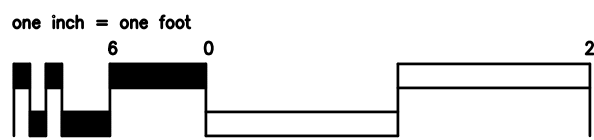
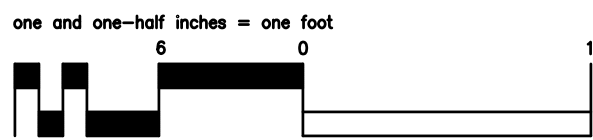
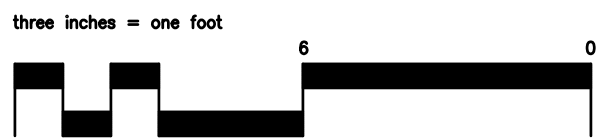
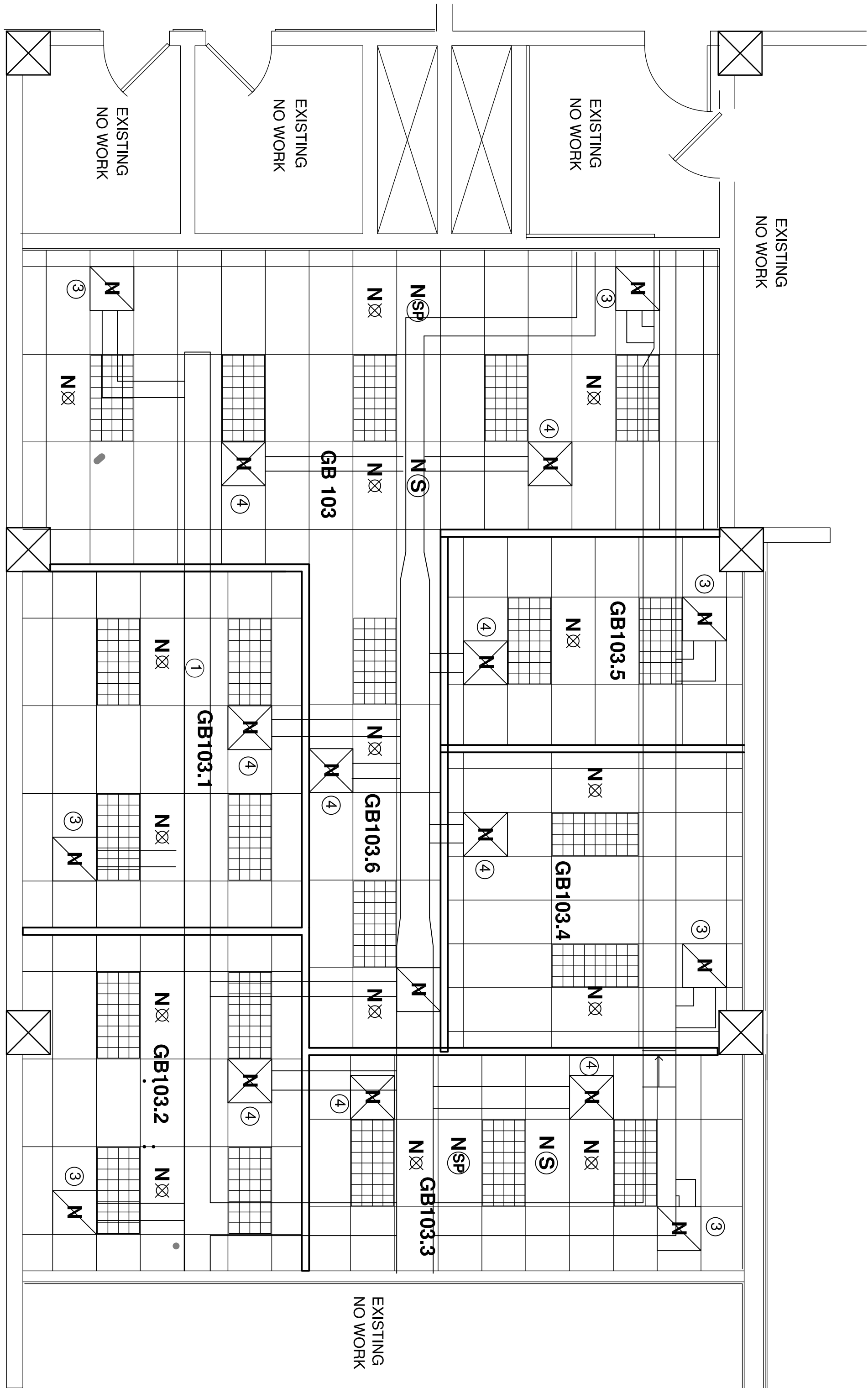
Drawing Title
REFLECTED CEILING PLANS

Project Title
**RENOVATION OF
GAIT LAB TO EMS
OFFICES**

Project Number
671-13-707

Office of
Construction
and Facilities
Management

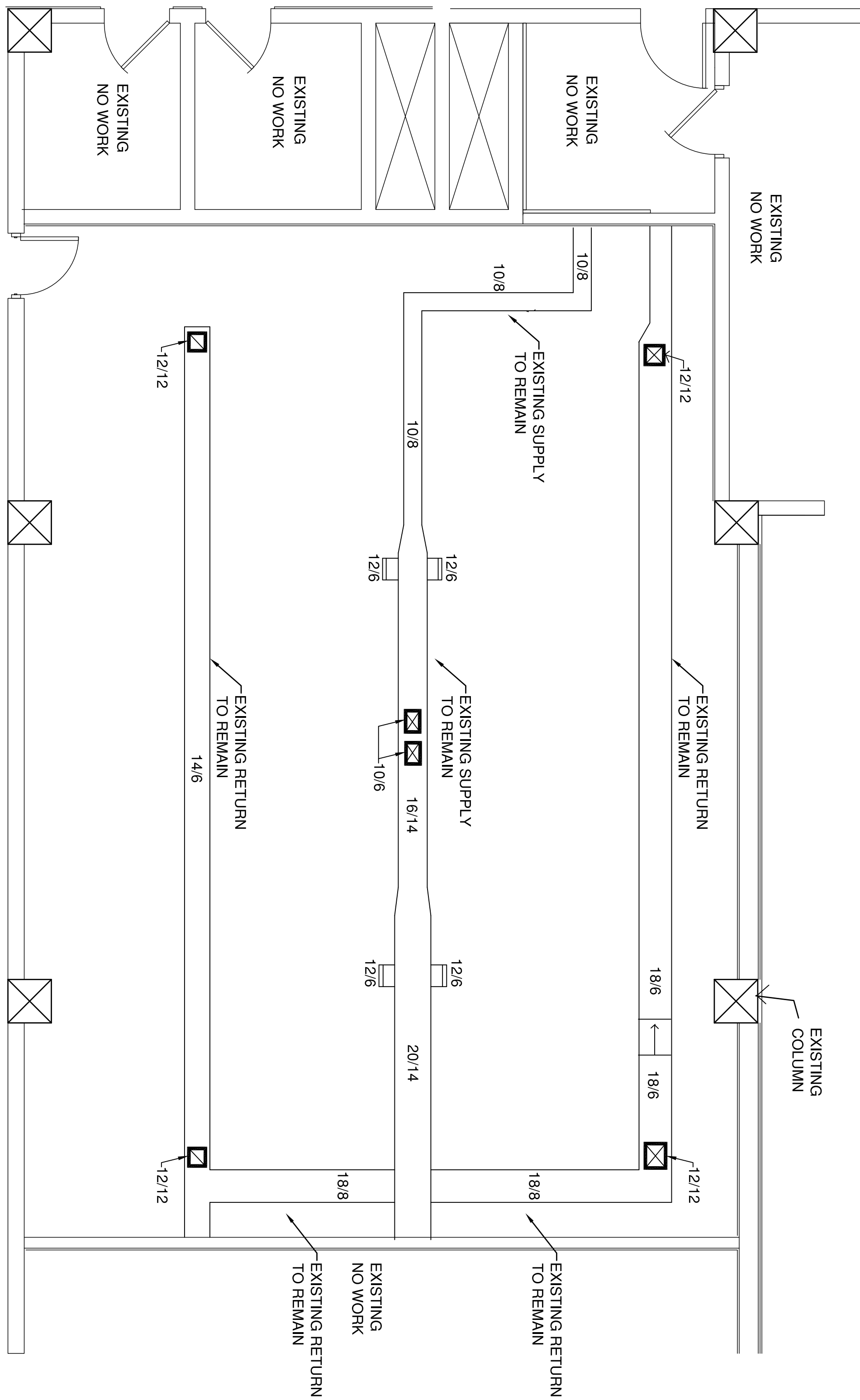


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MECHANICAL NOTES






1. DUCT LAYOUT IS DIAGRAMMATIC AND SHOWS ONLY THE GENERAL ARRANGEMENT OF THE SYSTEM, BECAUSE OF EXISTING JOB CONDITIONS, OFFSETS MAY BE REQUIRED. CONTRACTOR WILL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE BIDDING THE WORK.
2. THE HEAD JOINTS OF ALL SUPPLY / RETURN EXHAUST GRILL SHALL BE GALVANIZED TO MATCH THE EXISTING GRILL HEADINGS. THE HEAD JOINTS OF ALL EXHAUST GRILL SHALL BE GALVANIZED TO MATCH THE EXISTING GRILL HEADINGS.
3. REMOVABLE PERFORATED FACE - ADJUSTABLE AIR PATTERN, SQUARE FACE AND NECK FRAME STYLE 1 FOR FLUSH MOUNT, NO. 25 OFF-WHITE SEMI-GLOSS BASED ACRYLIC PAINT FINISH WITH MODEL AG95 SQUARE OPPOSED BLADE DAMPER.
4. EXHAUST REGISTERS WILL BE TITUS 23-RLS STEEL, CONSTRUCTION, FIXED FINS ON 3/4" CENTERS SET AT 45° ANGLE, 1-1/4" BORDER WITH COUNTERSUNK SCREW HOLES FOR SURFACE MOUNTING WITH OPPOSED BLADE DAMPER NO. 25 OFF-WHITE, SEMI-GLOSS BASED ACRYLIC PAINT FINISH.
5. ALL NEW SUPPLY AND RETURN DUCTS WILL BE EXTERNALLY INSULATED TO MATCH THE EXISTING SUPPLY / DUCTS. (IF THAT IS NOT AVAILABLE, INSULATION SHALL BE 1" MINIMUM THICK.)
6. FLEXIBLE BLANKET INSULATION MINERAL FIBER BED, SPEC. HH-4566 FORMER TYPE 1, CLASS B, 1-1/2" THICK.
7. VAPOR-BARRIER WILL BE FACTORY APPLIED ALUMINUM POLYANGLAS FIBER REINFORCED KRAFT FIBER RETARANT TYPE VAPOR-BARRIER JACKET OF .02 MAX. VAPOR PERMEANCE. FEE, SPEC. HH-8-100 TYPE II.
8. PROVIDE GALVANIZED METAL TUNNING VANES AT ALL NEW SUPPLY DUCTS.
9. ALL DUCTS AND ACCESSORIES WILL BE GALVANIZED METAL. METAL GAUGES, JOINTS, BRACING, DUCT SUPPORTS, AND TUNNING VANES WILL CONFORM TO A.S.H.R.E. GUIDE FOR VENTILATING AND AIR CONDITIONING SYSTEMS.
10. OUTLET NO. VALVE NOT TO EXCEED 35.
11. REPLACE ALL DAMAGED ACOUSTICAL TILES TO MATCH EXISTING 2' x 4' x 5/8" ACOUSTICAL TILES. ARMSTRONG FISURSED FIRE GUARD #895.
12. AFTER ALL A/C WORK IS COMPLETE, THE SYSTEM IS TO BE BALANCED AND THE RESULTS TURNED OVER TO THE ENGINEERING DESIGN SECTION.

2 NEW MECHANICAL PLAN
SCALE 1/4" = 1'-0"

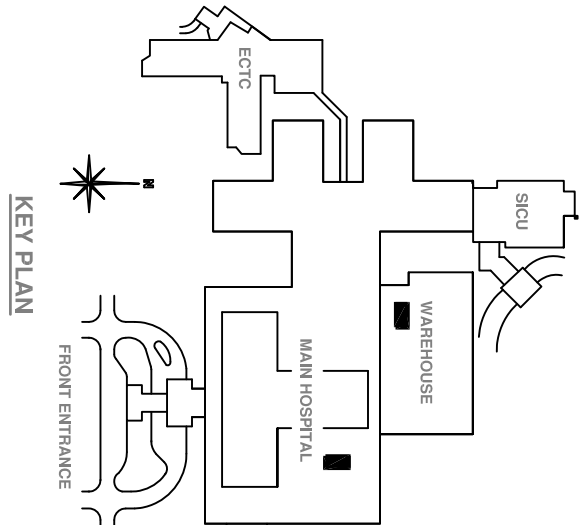


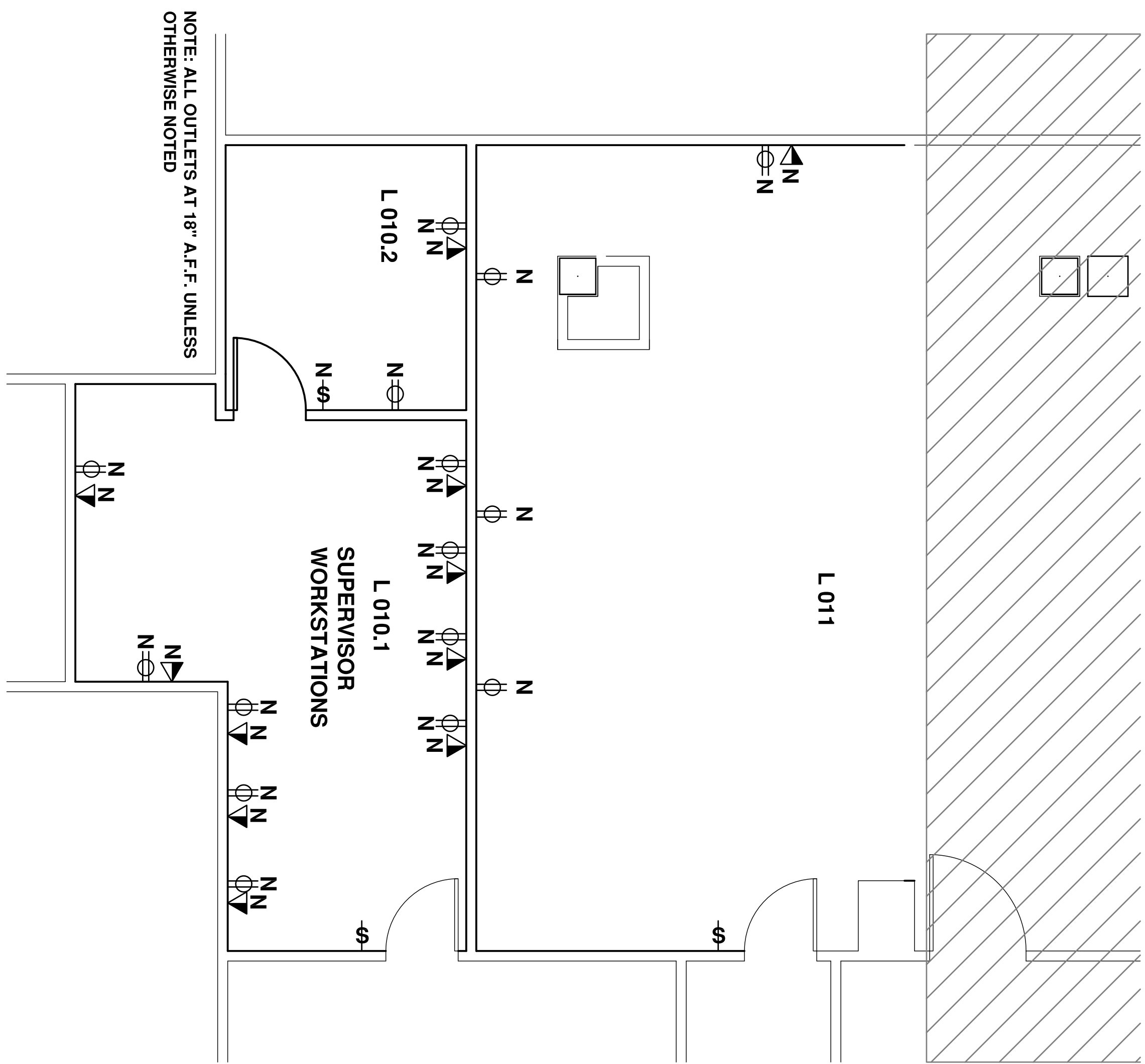
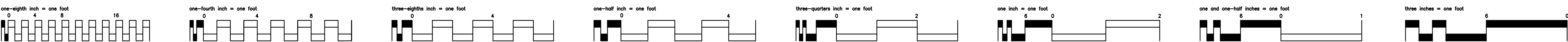
KEYNOTES AND LEGEND

- ①. EXISTING RETURN AIR DUCT TO REMAIN
- ②. EXISTING SUPPLY AIR DUCT

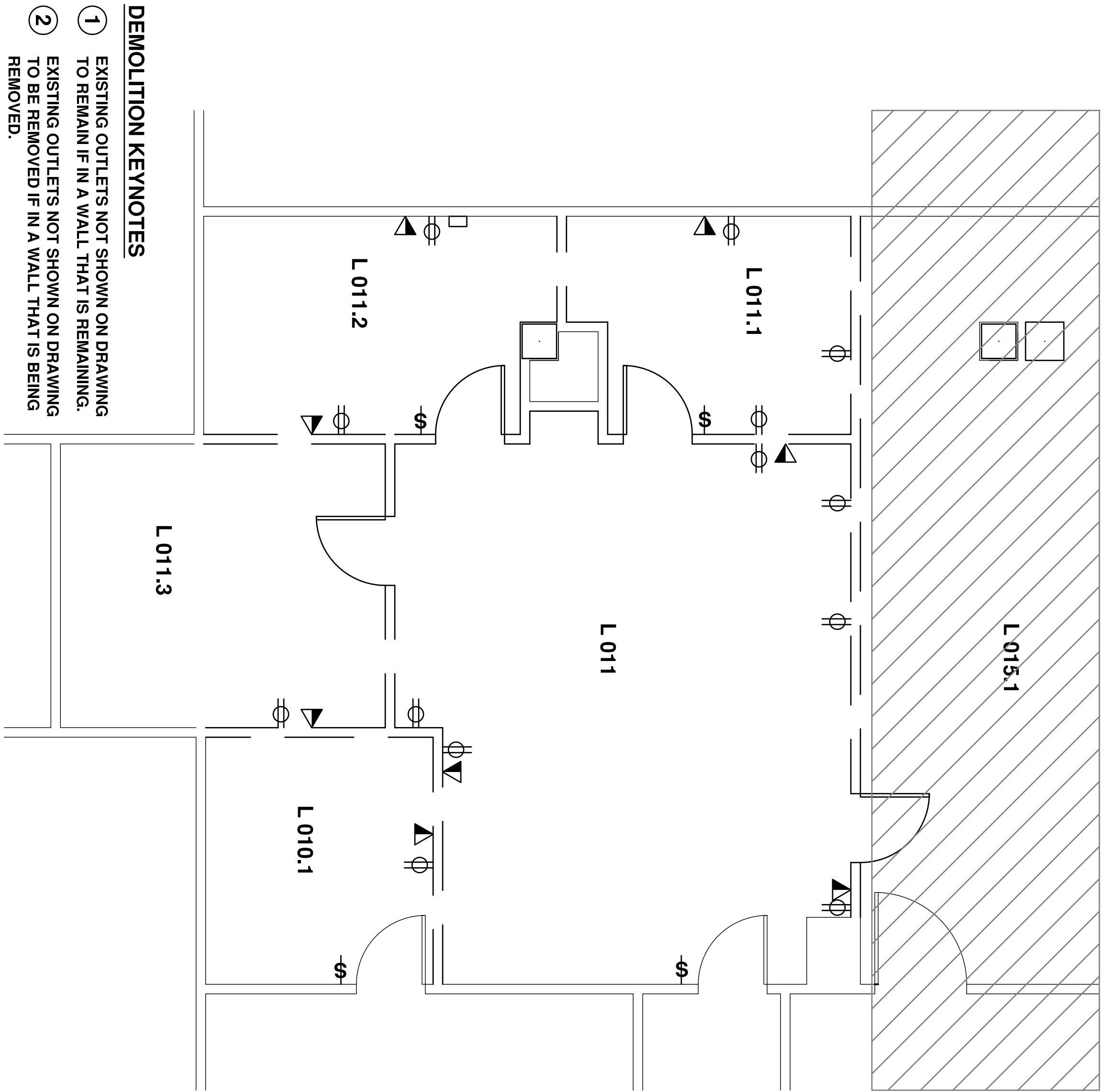
-  ③ NEW RETURN AIR DUCT AND REGISTERS
-  ④ NEW SUPPLY AIR DUCT AND REGISTERS
-  SIGA-PIHS, INTELLIGENT 3D MULTISENSOR DETECTOR
-  SPRINKLER
-  SPEAKER

1 EXISTING MECHANICAL PLAN

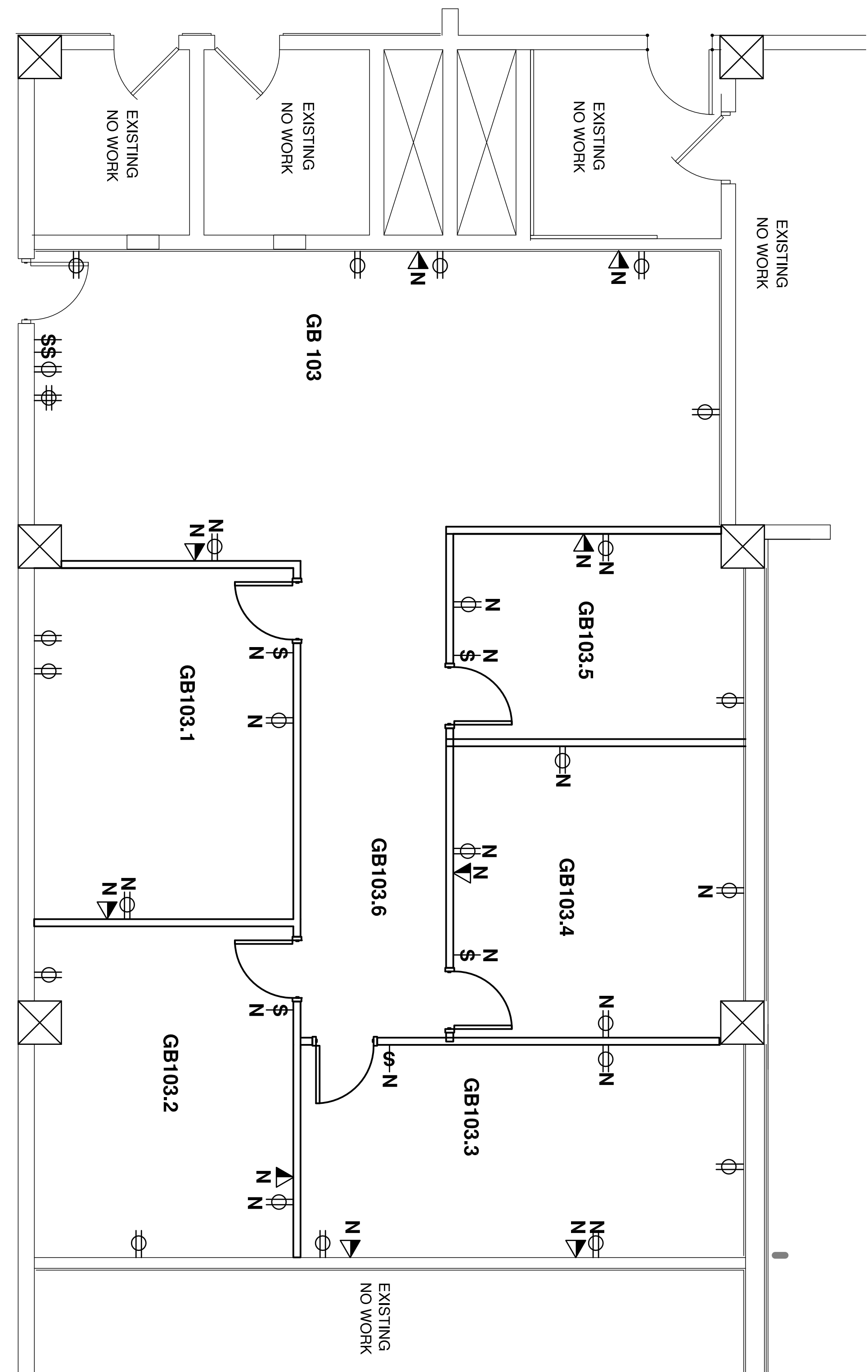




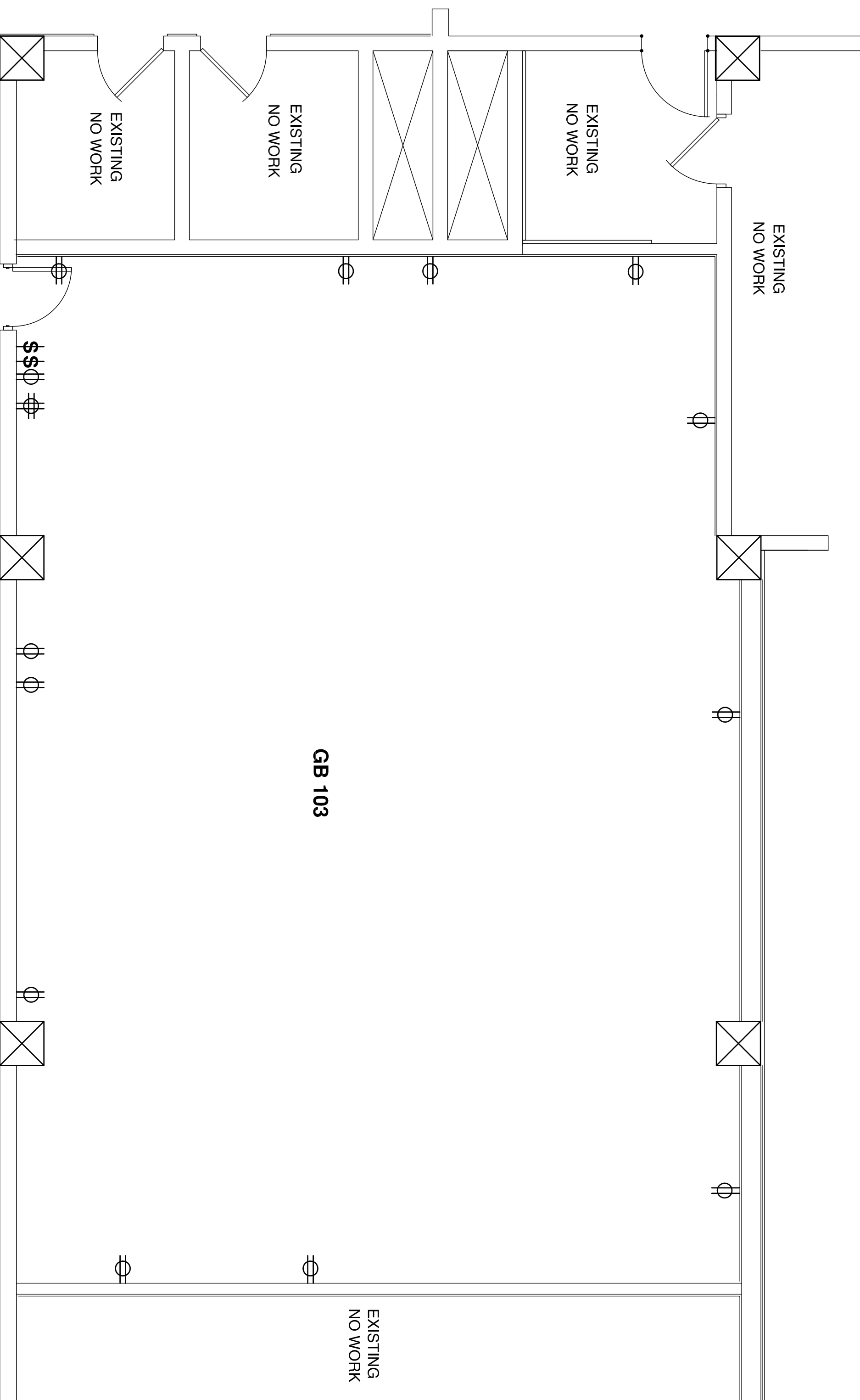
4 NEW ELECTRICAL PLAN - EMS OFFICES
SCALE 1/4" = 1'-0"



3 DEMOLITION ELECTRICAL PLAN - EMS OFFICES
SCALE 1/4" = 1'-0"



2 NEW ELECTRICAL PLAN - GAIT LAB
SCALE 1/4" = 1'-0"

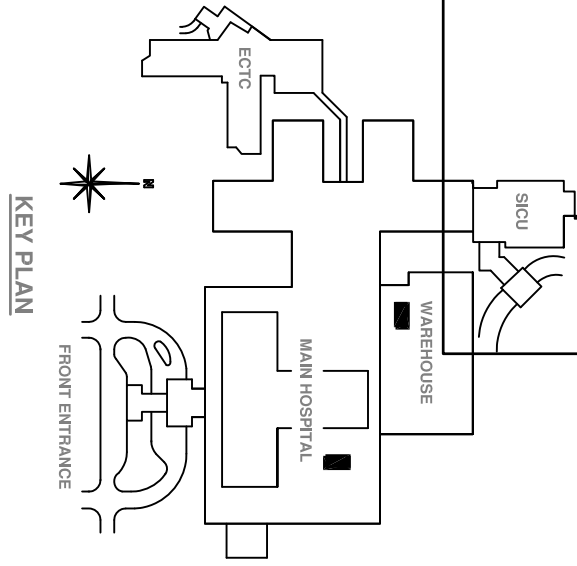
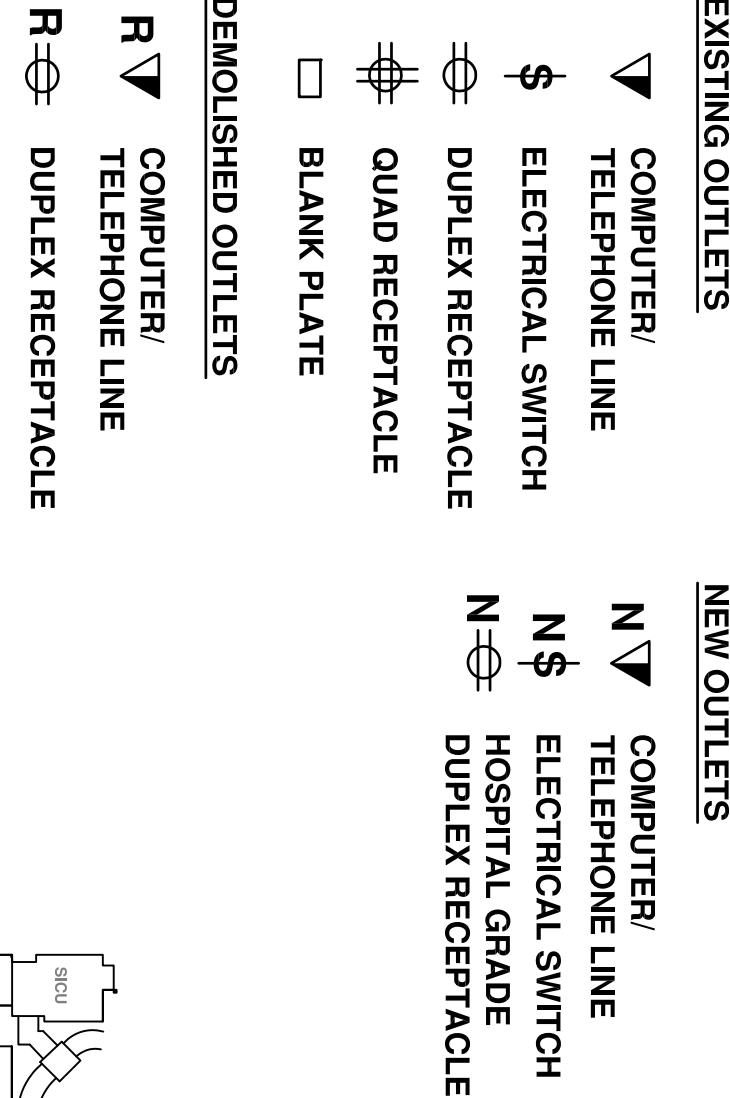


1 EXISTING ELECTRICAL PLAN - GAIT LAB
SCALE 1/4" = 1'-0"

GENERAL ELECTRICAL NOTES:

1. IN THIS PROJECT'S SCOPE OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE FURNISHING AND INSTALLATION OF POWER AND LIGHTING SYSTEMS.
2. REUSE ANY ELECTRICAL CIRCUITS MADE AVAILABLE FROM THE DEMOLITION WORKS AND LOCATED ON THE SAME FLOOR AS THE WORK. ALL CIRCUITS FED FROM THE FLOOR BELOW SHALL BE ABANDONED UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DESIGN DRAWINGS. ANY CIRCUITS PASSING THROUGH THE WORK AREA SHALL BE ROUTED THROUGH THE WALLS. IF ONLY PART OF THE LOAD OF A CIRCUIT IS REMOVED, THEN IT SHALL BE DONE IN SUCH A MANNER THAT THE REMAINING LOADS WILL STAY IN A GOOD ACTIVE OPERATING CONDITION. IF AN EXISTING CIRCUIT IS TO BE EXTENDED, THE RACEWAY AND ITS WIRING WILL BE RUN CONCEALED INSIDE A WALL, SO THAT THE WORK AREA AESTHETICS ARE RETAINED.
3. ALL ELECTRICAL OUTLETS (LIGHT AND POWER) SHALL HAVE THEIR CIRCUITS LEGIBLY WRITTEN ON THE NEAREST FLOOR BOX FEEDING THE DEVICE. THIS WILL BE DONE WITH AN INDELEBIL MARKER.
4. PROVIDE GROUNDING SYSTEM TESTING PER NFPA 99. SUBMIT WRITTEN RESULTS TO RESIDENT ENGINEER FOR REVIEW.
5. FIELD VERIFY THAT ALL PANELS DESIGNATED FOR NEW CIRCUITS HAVE ADEQUATE SPACE.
6. ALL RECEPTACLES CONNECTED TO EMERGENCY OR CRITICAL PANELS MUST BE RED WITH RED EMERGENCY CIRCUITS ARE REQUIRED AS FOLLOWS:
 - a. ILLUMINATION OF MEANS OF EGRESS
 - b. EXIT LIGHTING FIXTURES
7. CONTRACTOR TO FIELD VERIFY LENGTHS OF ALL BRANCH CIRCUITS PRIOR TO BIDDING OR INSTALLATION.
8. BRANCH CIRCUITS EXTENDING BEYOND 100' IN LENGTH FROM THE PANELBOARD TO THE FINAL TERMINATING POINT SHALL BE AT MINIMUM #10 AWG COPPER CONDUCTORS.
9. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 70 - NATIONAL ELECTRIC CODE
10. FOR EACH NEW CIRCUIT, CONTRACTOR SHALL TRACE OUT AND RE-FEED SPARE CIRCUIT BREAKER MADE AVAILABLE FROM THE DEMOLITION. THEN USE ANY AVAILABLE SPARES AS REQUIRED. IF NECESSARY, FURNISH AND INSTALL ADDITIONAL 20A 1P CIRCUIT BREAKERS AS REQUIRED WITHOUT INTERRUPTING EXISTING CIRCUITS AND EXCEEDING THE PANEL'S OVERCURRENT PROTECTION RATING.
11. ALL NEW WIRES AND CONDUITS FOR POWER CONNECTION SHALL BE #12 THHN IN 3/4" CONDUIT UNLESS SPECIFIED OTHERWISE. FACTOR VOLTAGE DROP IN LONG RUNS.
12. VERIFY WITH THE COR THE CONNECTION AND LOCATION OF SWITCHES.
13. ALL DATA AND PHONE TO BE RUN AND PULLED TO FACE PLATE
14. ALL ROOMS TO HAVE OCCUPANT SENSOR LIGHTING CONTROLS. ALL ROOMS TO RECEIVE A WALL SWITCH/OCCUPANCY SENSOR EXCEPT ROOMS, GB103, L010.1 AND L011 WHICH RECEIVE A CEILING OCCUPANCY SENSOR.
15. OCCUPANCY SENSORS SHALL BE INSTALLED IN EACH ROOM. DUAL TECHNOLOGY SINGLE CIRCUIT WALL SWITCH/OCCUPANCY SENSOR IN OFFICES WHERE ALL OCCUPANTS ARE VISIBLE FROM SENSOR AND DUAL TECHNOLOGY CEILING MOUNT SENSOR WITH POWER PACK IN ALL OTHER SPACES.

ELECTRICAL AND COMMUNICATION SYMBOLS



Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

Approved: Assistant Director	Approved: Chief of Staff
Approved: Service Chief	Approved: Service Chief
Approved: Chief, Bio-Med	Approved: Chief, EMS
Approved: Chief, IT	Approved: Chief, M&O
Approved: Chief, Safety	Approved: Chief

Approved: Assistant Director	Approved: Chief of Staff
Approved: Service Chief	Approved: Service Chief
Approved: Chief, Bio-Med	Approved: Chief, EMS
Approved: Chief, IT	Approved: Chief, M&O
Approved: Chief, Safety	Approved: Chief

Project Title	Drawing Title
RENOVATION OF GAIT LAB TO EMS OFFICES	ELECTRICAL PLANS

Project Number	671-13-707
Date	12-14-2012
Drawing Number	E1

Building Number	1
Checked	RM
Drawn	KLG
Dwg. 7 of 7	