

REUSE

EXISTING

9/A-3 9/A-3 REUSE

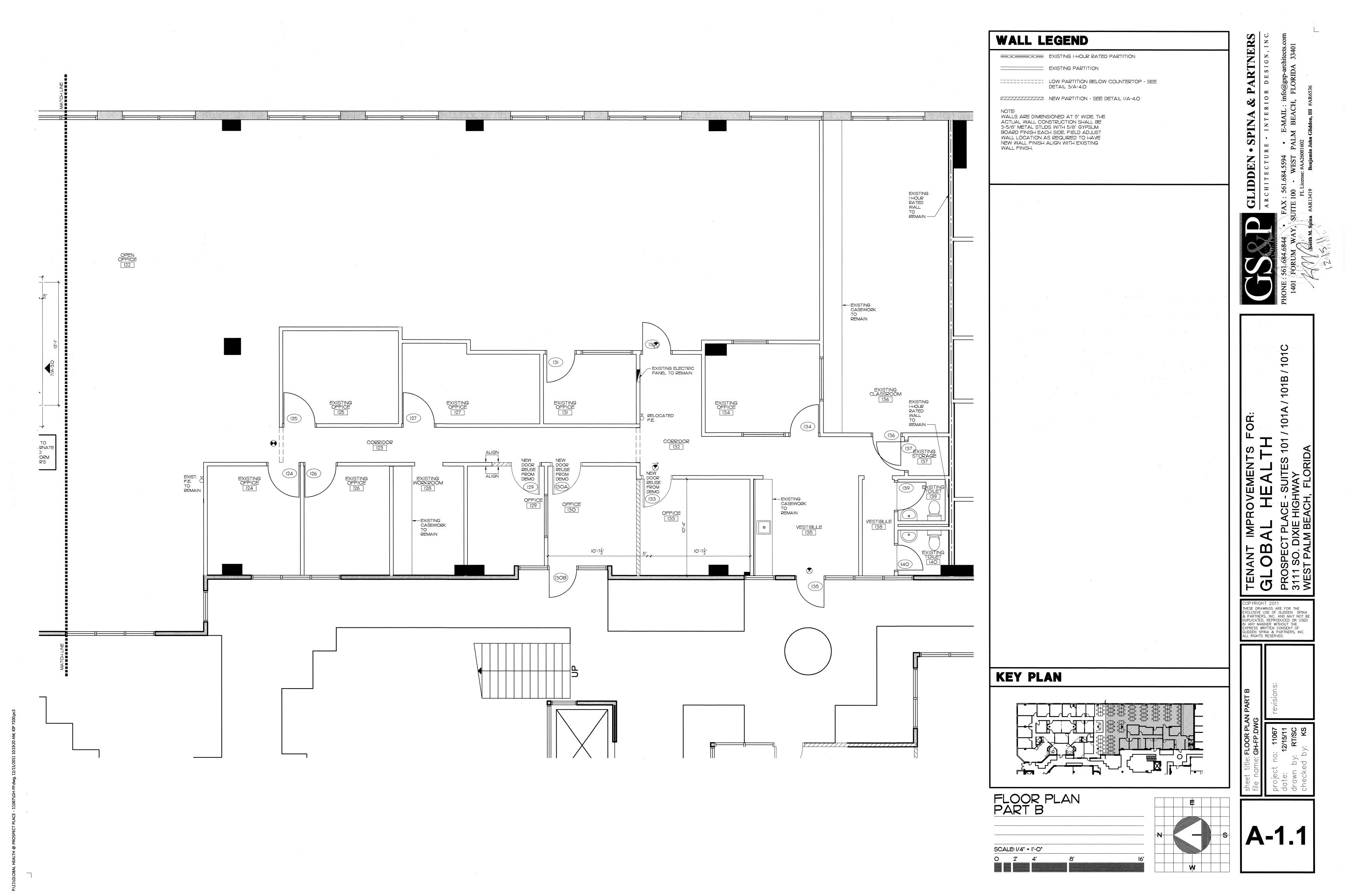
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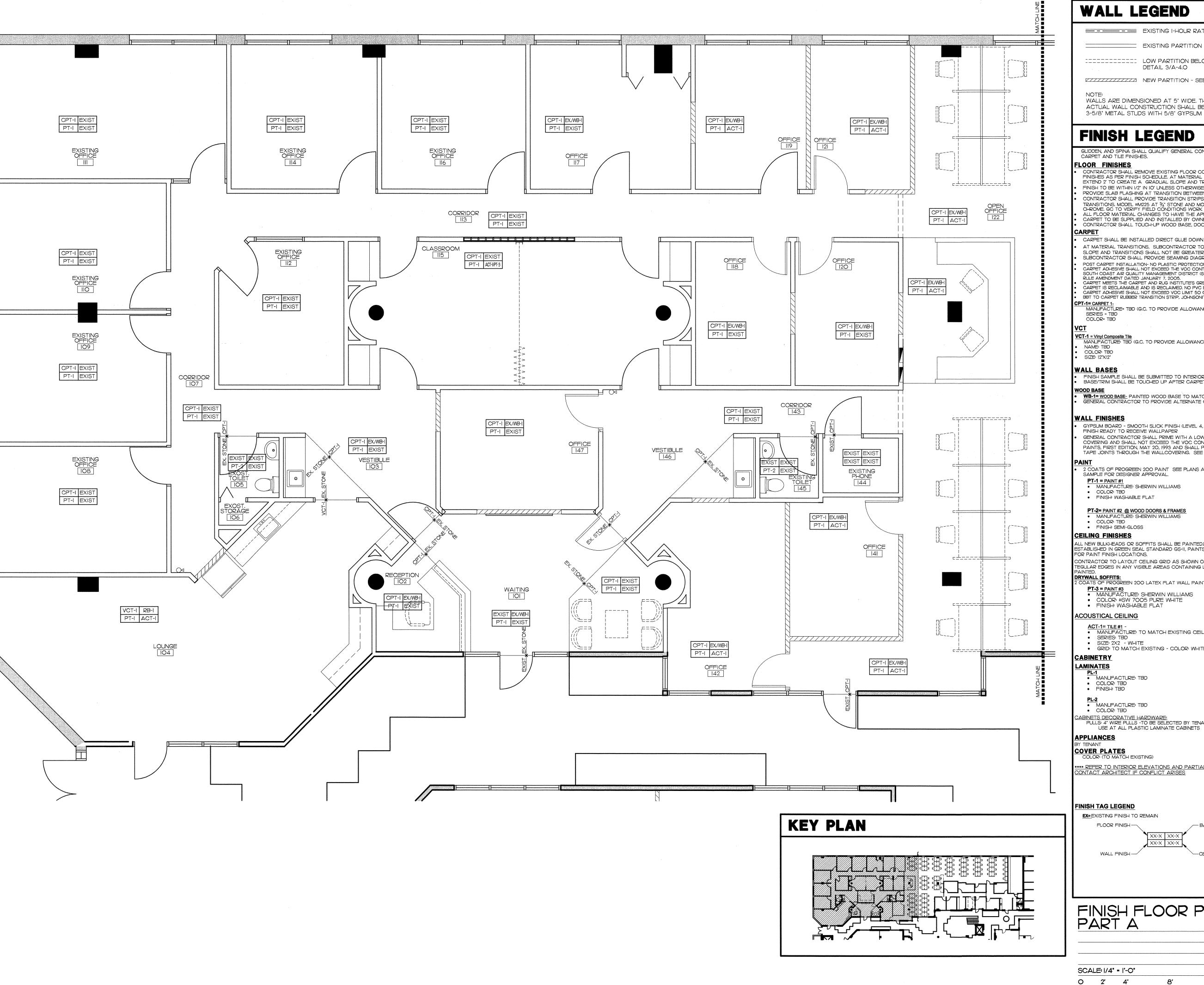
KISTING

10 IMPROVEMEN AL HEAL

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





#### **WALL LEGEND**

EXISTING I-HOUR RATED PARTITION

LOW PARTITION BELOW COUNTERTOP - SEE DETAIL 3/A-4.0

WALLS ARE DIMENSIONED AT 5" WIDE. THE ACTUAL WALL CONSTRUCTION SHALL BE 3-5/8" METAL STUDS WITH 5/8" GYPSUM

## FINISH LEGEND

GLIDDEN, AND SPINA SHALL QUALIFY GENERAL CONTRACTORS AND SUBCONTRACTORS FOR WALL COVERINGS, CARPET AND TILE FINISHES.

 CONTRACTOR SHALL REMOVE EXISTING FLOOR COVERING, AND PREPARE CONCRETE SLAB TO ACCEPT FLOOR FINISHES AS PER FINISH SCHEDULE. AT MATERIAL TRANSITIONS, CONTRACTOR TO PROVIDE LEVELING TO EXTEND 2' TO CREATE A GRADUAL SLOPE AND TRANSITIONS SHALL NOT BE GREATER THAN I/2".
 FINISH TO BE WITHIN I/2" IN IO' UNLESS OTHERWISE APPROVED IN NON-CIRCULATION AREAS. PROVIDE SLAB FLASHING AT TRANSITION BETWEEN STONE / TILE AND CARPET WITH I/8" PER FOOT MAX. SLOPE CONTRACTOR SHALL PROVIDE TRANSITION STRIPS AS MANUFACTURED BY SCHLUTER AT TILE/CARPET

TRANSITIONS. MODEL #M225 AT 3/4" STONE AND MODEL #M160 AT 1/5" STONE TRANSITIONS, FINISH: BRUSHED CHROME. GC TO VERIFY FIELD CONDITIONS WORK WITH MODEL #'S ALL FLOOR MATERIAL CHANGES TO HAVE THE APPROPRIATE SCHLUTER TRANSITION.

CARPET TO BE SUPPLIED AND INSTALLED BY OWNER CONTRACTOR SHALL TOUCH-UP WOOD BASE, DOORS, AND CASING AFTER CARPET IS INSTALLED

CARPET SHALL BE INSTALLED DIRECT GLUE DOWN

AT MATERIAL TRANSITIONS, SUBCONTRACTOR TO PROVIDE LEVELING TO EXTEND 6' TO CREATE A GRADUAL SLOPE AND TRANSITIONS SHALL NOT BE GREATER THAN ½" SUBCONTRACTOR SHALL PROVIDE SEAMING DIAGRAM TO DESIGNER FOR APPROVAL.

POST CARPET INSTALLATION: NO PLASTIC PROTECTION SHALL BE USED.

CARPET ADHESIVE SHALL NOT EXCEED THE VOC CONTENT LIMITS OF: ADHESIVES, SEALANTS AND SEALANT PRIMERS:
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAGMD) RULE #1168 REQUIREMENTS IN EFFECT ON JULY 1, 2005 AND RULE AMENDMENT DATED JANUARY 7, 2005.

CARPET MEETS THE CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM.

CARPET IS RECLAIMABLE AND IS RECLAIMED. NO PVC BACKING.

CARPET ADHESIVE SHALL NOT EXCEED VOC LIMIT 50 G/L.

BBT TO CARPET RUBBER TRANSITION STRIP, JOHNSONITE, COLOR, TBD

CPT-1= CARPET 1-MANUFACTURE= TBD (G.C. TO PROVIDE ALLOWANCE PER BUILDING STANDARD)

WCT-1 = Vinyl Composite Tile

MANUFACTURE: TBD (G.C. TO PROVIDE ALLOWANCE PER BUILDING STANDARD)

 FINISH SAMPLE SHALL BE SUBMITTED TO INTERIOR DESIGNER FOR APPROVAL PRIOR TO FABRICATION. BASE/TRIM SHALL BE TOUCHED UP AFTER CARPET IS INSTALLED BY GENERAL CONTRACTOR

WB-1= WOOD BASE- PAINTED WOOD BASE TO MATCH EXISTING PROFILE AND FINISH
GENERAL CONTRACTOR TO PROVIDE ALTERNATE COST FOR VINYL BASE THROUGHOUT SPACE.

 GYPSUM BOARD - SMOOTH SLICK FINISH (LEVEL 4, SMOOTH TEXTURE) READY TO RECEIVE PAINT OR SMOOTH FINISH READY TO RECEIVE WALLPAPER GENERAL CONTRACTOR SHALL PRIME WITH A LOW-VOC PRIMER ON GYPSUM BOARD TO RECEIVE WALL COVERING AND SHALL NOT EXCEED THE VOC CONTENT LIMITS ESTABLISHED IN GREEN SEAL STANDARD GS-II, PAINTS, FIRST EDITION, MAY 20, 1993 AND SHALL PROVIDE FULL COVERAGE TO PROHIBIT "TELEGRAPHING" OF TAPE JOINTS THROUGH THE WALLCOVERING. SEE FINISH SCHEDULE FOR LOCATIONS.

2 COATS OF PROGREEN 200 PAINT SEE PLANS AND INTERIOR ELEVATIONS FOR LOCATIONS. PROVIDE WALL SAMPLE FOR DESIGNER APPROVAL.

MANUFACTURE: SHERWIN WILLIAMS

FINISH: WASHABLE FLAT

PT-2= PAINT #2 @ WOOD DOORS & FRAMES MANUFACTURE: SHERWIN WILLIAMS

ALL NEW BULKHEADS OR SOFFITS SHALL BE PAINTED.PAINT SHALL NOT EXCEED THE VOC CONTENT LIMITS ESTABLISHED IN GREEN SEAL STANDARD GS-II, PAINTS, FIRST EDITION, MAY 20, 1993. SEE REFLECTED CEILING PLAI

CONTRACTOR TO LAYOUT CEILING GRID AS SHOWN ON PLAN. TEGULAR EDGES IN ANY VISIBLE AREAS CONTAINING LINEAR AIR BARS, LIGHTS AND SOFFITS SHALL BE FACTORY

PAINTED.

DRYWALL SOFFITS:

2 COATS OF PROGREEN 200 LATEX FLAT WALL PAINT ON ALL NEW GYPSUM BOARD CEILINGS AS NOTED ON PLAN.

ACT-1= TILE #1 • MANUFACTURE: TO MATCH EXISTING CEILING TILES

GRID: TO MATCH EXISTING - COLOR: WHITE

CABINETS DECORATIVE HARDWARE: PULLS: 4" WIRE PULLS -TO BE SELECTED BY TENANT / OWNER USE AT ALL PLASTIC LAMINATE CABINETS

\*\*\*\* REFER TO INTERIOR ELEVATIONS AND PARTIAL ENLARGED FLOOR PLANS FOR ADDITION INFORMATION CONTACT ARCHITECT IF CONFLICT ARISES

EX= EXISTING FINISH TO REMAIN - BASE FINISH

## FINISH FLOOR PLAN PART A

PARTNERS

SPIN

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GLOBAL HEAL

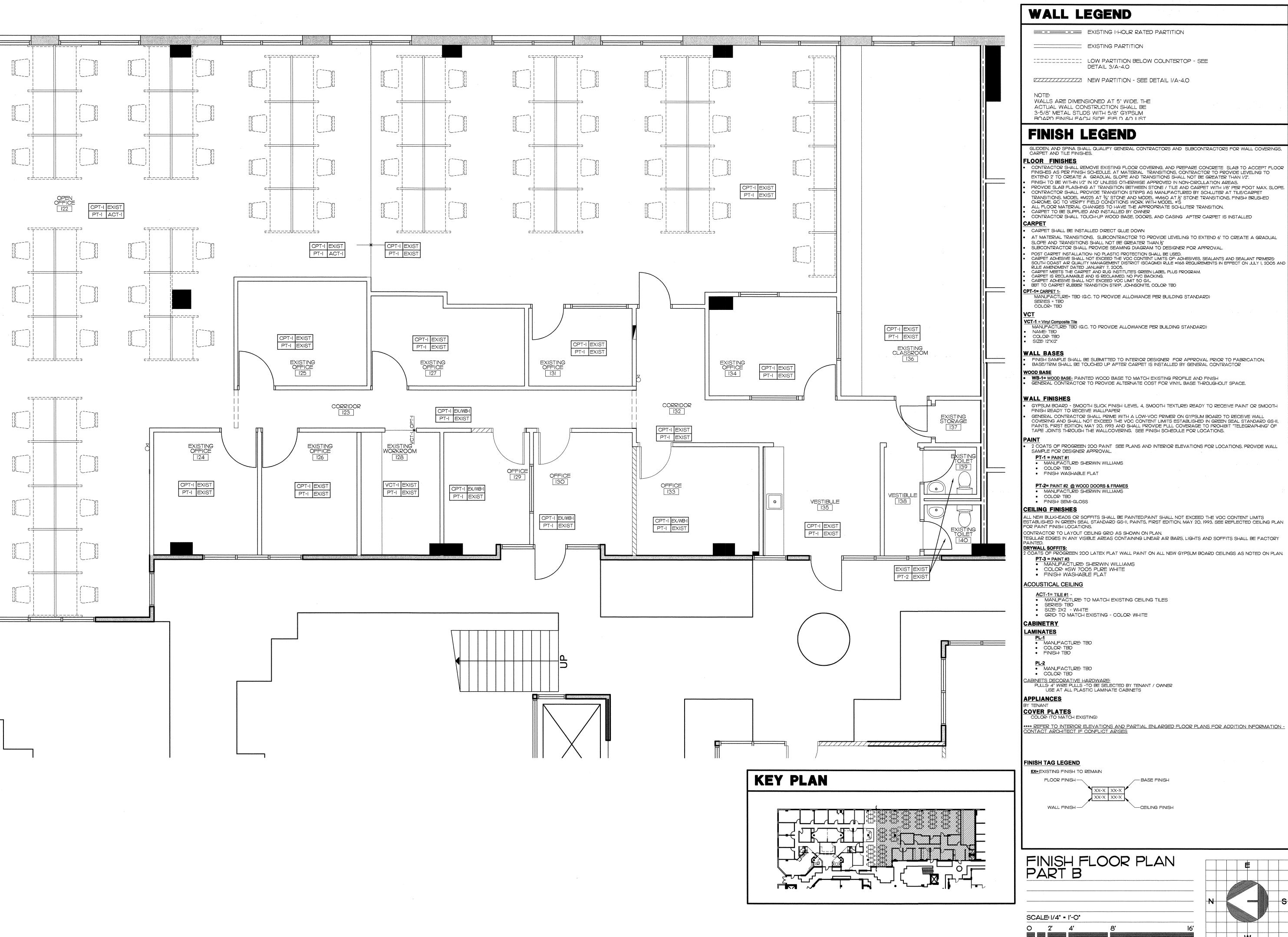
PROSPECT PLACE - SUITES
3111 SO. DIXIE HIGHWAY
WEST PALM BEACH, FLORII

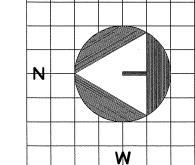
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PROVEMEN
HEAL
ACE - SUITES
HIGHWAY
EACH, FLOR

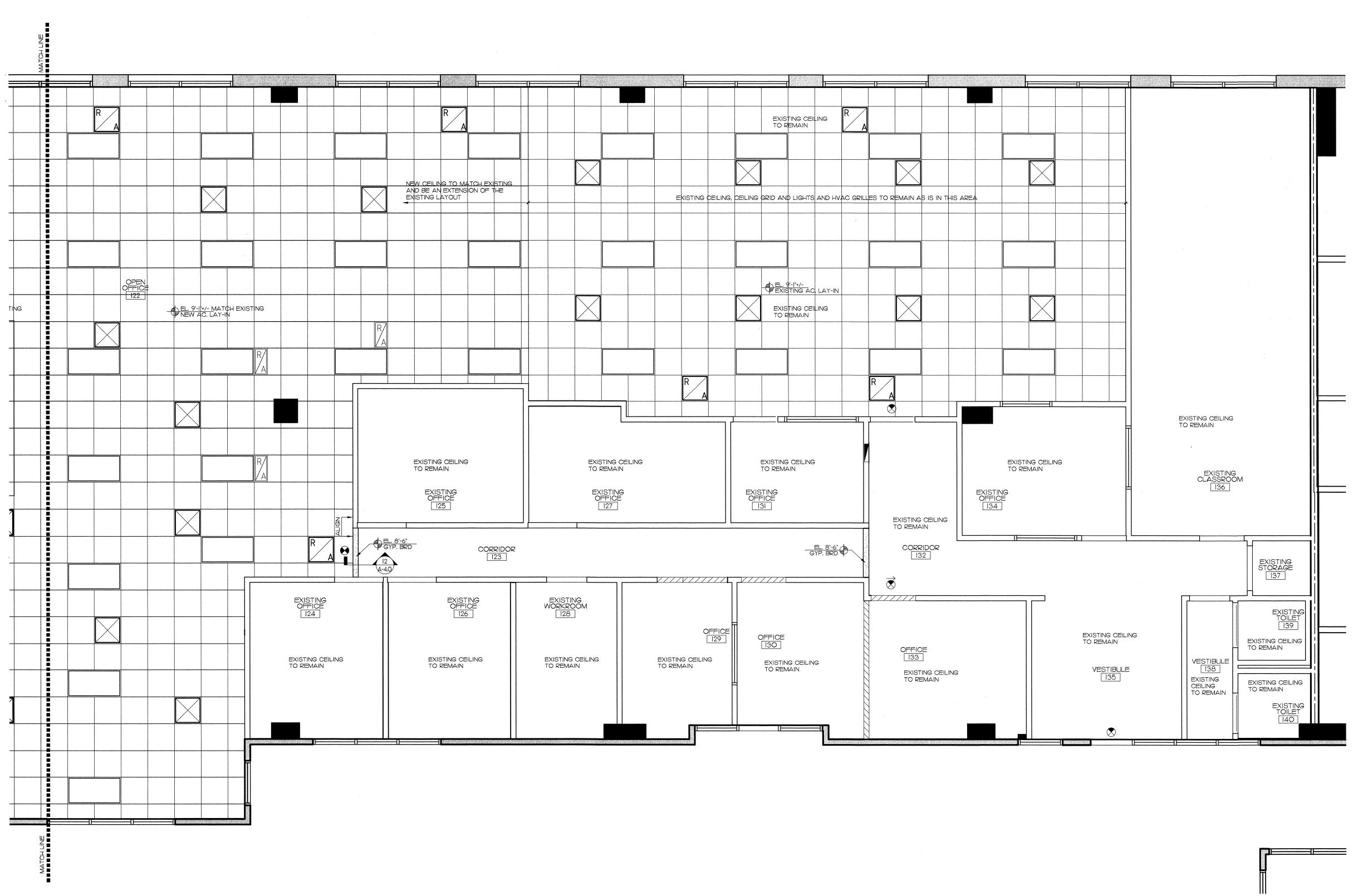
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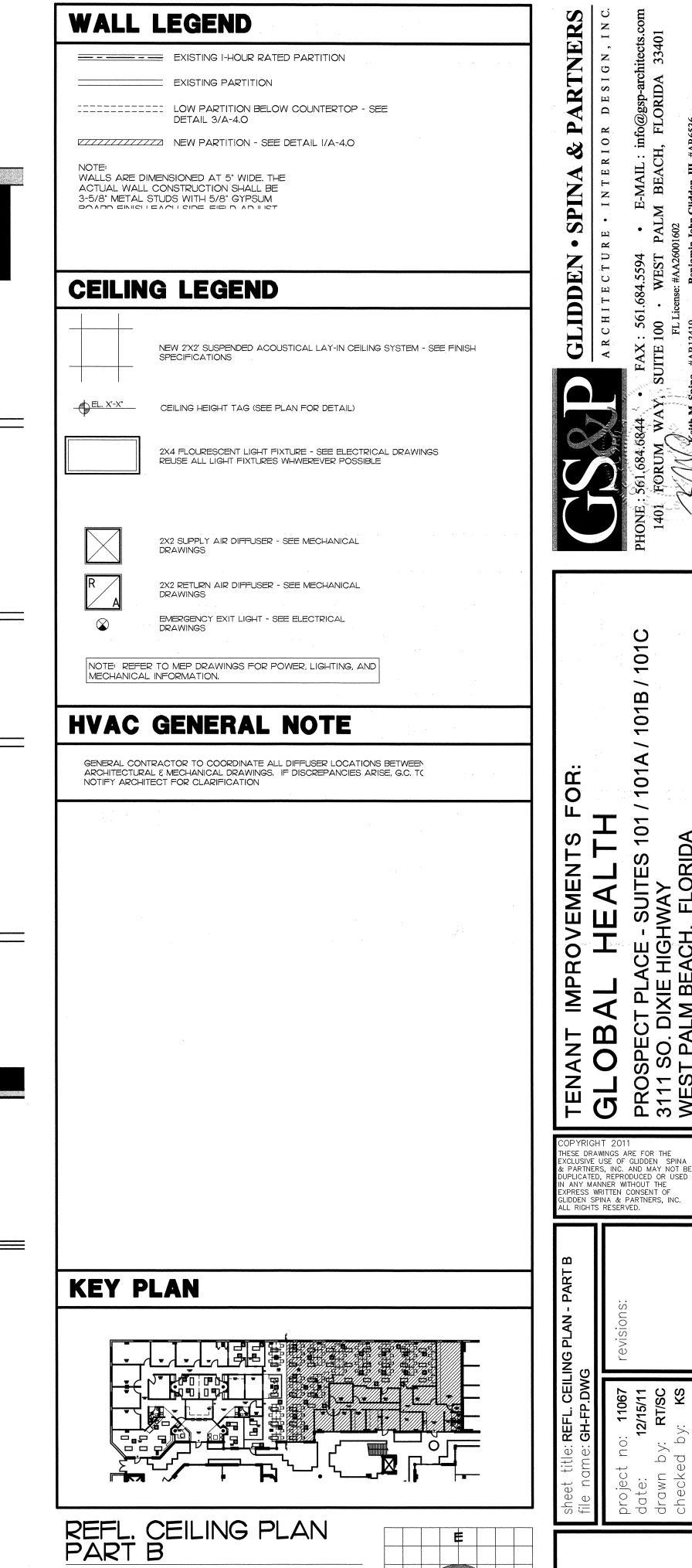


PARTNERS
OR DESIGN, INC.

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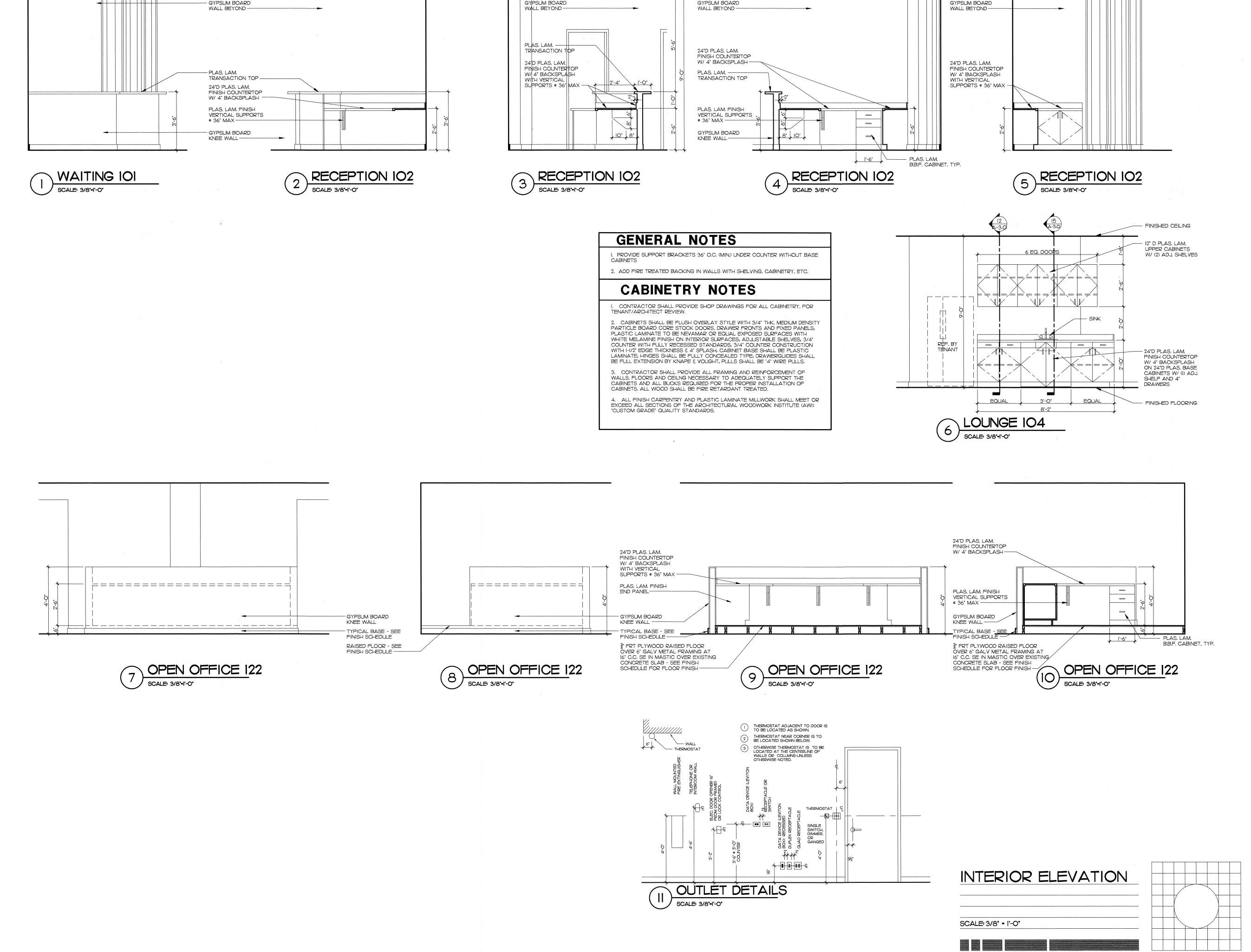




SCALE: 1/8" = 1'-0"

S A-2.

W



FINISHED CEILING -

FINISHED CEILING -

GYPSUM BOARD

FINISHED CEILING -

GYPSUM BOARD

FINISHED CEILING -

GYPSUM BOARD

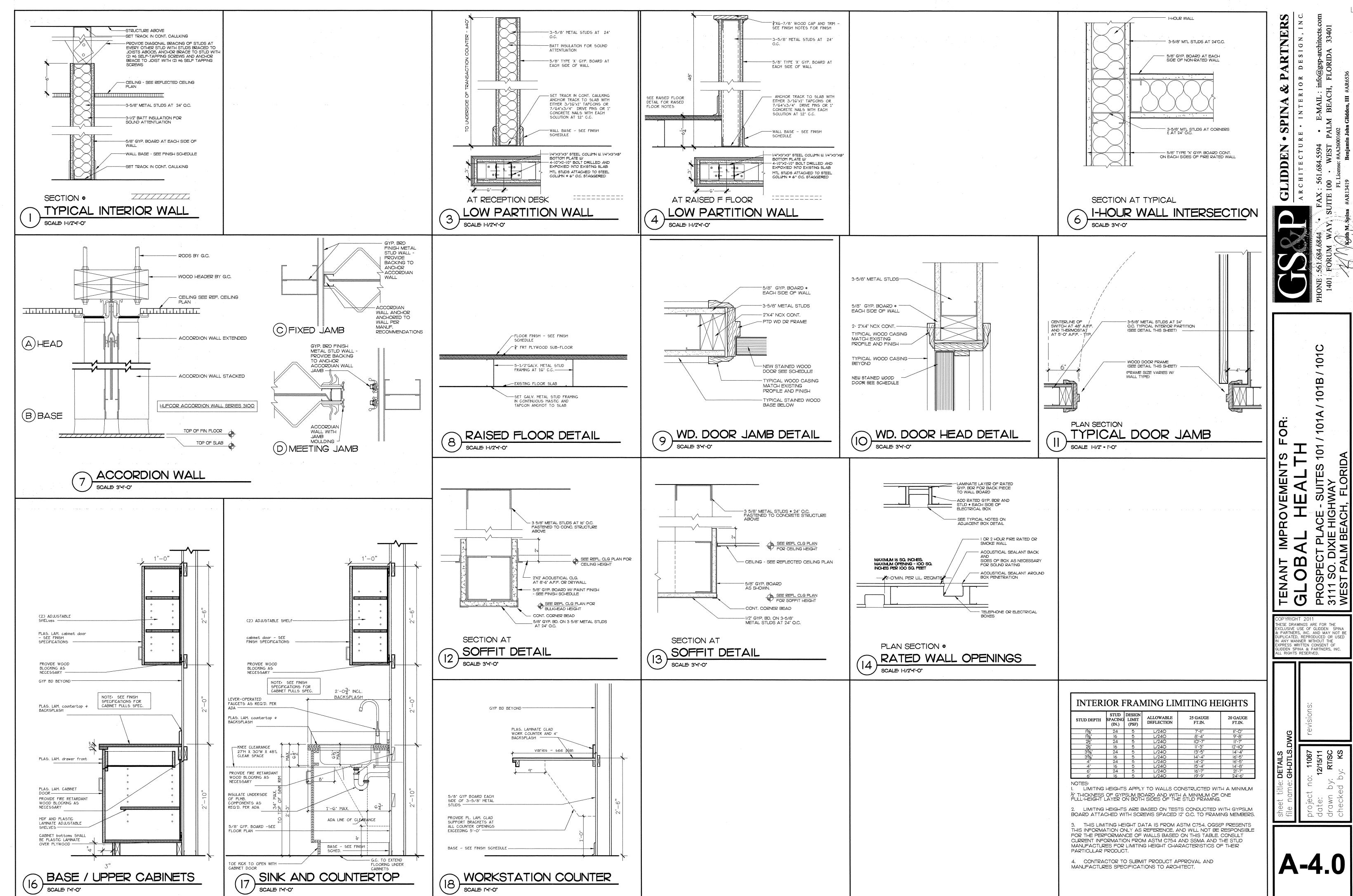
& PARTNERS

GLIDDEN

10 NTS S IMPROVEMEN AL HEAL

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#### **GENERAL NOTES**

THESE CONTRACT DOCUMENTS ARE DIAGRAMMATIC ONLY. IT IS NOT THE INTENT OF THESE DOCUMENTS TO SHOW EVERY DETAIL OF CONSTRUCTION, THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL FURNISH AND INSTALL ALL ITEMS NECESSARY FOR COMPLETE SYSTEMS AND COMPLETION AS INDICATED ON THE CONTRACT DOCUMENTS

2. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE FAMILIAR WITH THE CONTRACT DOCUMENTS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.

3. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR OMISSIONS WHICH WOULD INTERFERE WITH THE SATISFACTORY COMPLETION OF THE WORK.

4. ALL DIMENSIONS, SPECIFICATIONS AND NOTES PROVIDED HEREIN SHALL BE VERIFIED BY THE CONTRACTOR AND SUB-CONTRACTOR PRIOR TO PERFORMANCE OF THE WORK, ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.

5. WHEN TWO OR MORE REQUIREMENTS OR STANDARDS ARE SPECIFIED ESTABLISHING DIFFERENT OR CONFLICTING LEVELS OF QUALITY, THE MOST STRINGENT REQUIREMENT IS INTENDED AND WILL BE ENFORCED.

7. CONTRACTOR SHALL MEET WITH THE BUILDING OWNER OR MANAGER PRIOR TO THE BID IN ORDER TO OBTAIN A COPY OF THE BUILDING STANDARD GUIDELINES AND TO DISCUSS THE BUILDING MANAGEMENTS REQUIREMENTS FOR PROTECTION OF PUBLIC SPACES, DAILY CLEANING, CONSTRUCTION, STAGING, MATERIAL, DELIVERIES, LOCATION OF CONSTRUCTION DUMPSTERS, PARKING, ETC. THE COST TO MEET THESE REQUIREMENTS SHALL BE INCLUDED IN BID.

5. CONTRACTOR SHALL MAKE NO CHANGES OR SUBSTITUTIONS WITHOUT WRITTEN APPROVAL BY ADDENDUM FROM THE ARCHITECT

8. REPLIES TO ALL REQUESTS FOR CLARIFICATION WILL BE ISSUED TO ALL PRIME BIDDERS, AS ADDENDA TO THECONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS), AND WILL BECOME PART OF THE CONTRACT. ORAL CLARIFICATION WILL NOT INCLUDED AS PART OF THE

9. ALL WORK SHALL CONFORM TO THE LATEST REQUIREMENTS OF APPLICABLE LOCAL, STATE AND FEDERAL CODES AND ORDINANCES. IO. CONTRACT FOR CONSTRUCTION SHALL BE AIA DOCUMENT AIOI, STANDARD FORM FOR AGREEMENT BETWEEN OWNER AND CONTRACTOR, STIPULATED SUM - 1997 EDITION AND SHALL INCORPORATE THE 1997 EDITION OF DOCUMENT A201, GENERAL CONDITIONS. UNLESS OTHERWISE AGREED UPON BY THE OWNER AND THE GENERAL CONTRACTOR.

II. GENERAL CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE TO THE ARCHITECT AND OWNER FOR REVIEW PRIOR TO COMMENCING

12. GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL COORDINATE AND OBTAIN ALL PERMITS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE WORK AS INDICATED ON THE CONTRACT DOCUMENTS.

13. GENERAL CONTRACTOR SHALL INCLUDE IN THE BASE BID ALL FEES ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT, INCLUDING BUT

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY COORDINATING ALL ASPECTS OF THE CONSTRUCTION INCLUDING CROSS REFERENCING ALL OBVIOUSLY RELATED DOCUMENTS AND DRAWINGS. SHOULD PROBLEMS ARISE OUT OF A LACK OF COORDINATION IN AREAS THAT COULD HAVE REASONABLY BEEN FORESEEN, NO ADDITIONAL PAYMENT SHALL BE WARRANTED OR APPROVED BY THE OWNER OR THE ARCHITECT. SHOULD THE SERVICES OF THE ARCHITECT AND/OR HIS CONSULTANTS BE REQUIRED TO REMEDY OR REVISE THE CONSTRUCTION DUE TO ERRORS AND/OR OMISSIONS BY THE CONTRACTOR, COMPENSATION FOR THESE SERVICES SHALL BE MADE BY THE GENERAL CONTRACTOR THROUGH THE CHANGE ORDER PROCESS OR BY SEPARATE AGREEMENT WITH THE ARCHITECT AND/OR HIS CONSULTANTS.

15. ALL WORK DETAILED IN THESE CONSTRUCTION DOCUMENTS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR WHO SHALL SUBCONTRACT AND/OR ASSIGN PORTIONS OF THE WORK TO THE MOST QUALIFIED TRADE, FAILURE BY ANY SUBCONTRACTOR TO INCLUDE CERTAIN WORK REQUIRED SHALL NOT RELIEVE THE GENERAL CONTRACTOR OF HIS RESPONSIBILITY AS PART OF THE CONTRACT FOR CONSTRUCTION TO

6. CONTRACTOR IS TO COORDINATE AND ORGANIZE THE CONSTRUCTION PROCESS AND COMPLETE SAME IN A MANNER WHICH LEAST IMPACTS THE ADJOINING COMMON AREAS. IN ORDER TO MINIMIZE INCONVENIENCE TO THE EXISTING TENANTS.

7. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO EMPLOY THOSE CONTROL MEASURES NECESSARY TO ENSURE THAT THE BUILDING COMMONS AREAS AS WELL AS EXISTING TENANT SPACES ARE NOT IMPACTED BY AIRBORNE CONTAMINANTS CAUSED BY THE CONSTRUCTION OF THE TENANT SPACE. THE METHODS EMPLOYED SHALL COMPLY WITH THE INDOOR AIR QUALITY (IAQ) GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION IST EDITION, PUBLISHED BY SMACNA. QUALITY CONTROL METHODS USED TO MONITOR AIR QUALITY, I.E. TESTING SHALL BE THE

18, GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND PRODUCT DATA TO THE ARCHITECT FOR REVIEW AND COMMENTS, SHOP DRAWINGS SHALL BE PRESENTED IN A CLEAN AND THOROUGH MANNER AND SHALL BE OF SUFFICIENT DETAIL AND SCALE TO INDICATE COMPLIANCE WITH THE CONTRACT DOCUMENTS, MANUFACTURER AND TRADE STANDARDS. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING, AT THE TIME OF SUBMISSION, OF ANY DEVIATIONS IN THE SUBMITTALS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS, OR OF ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS. ACCEPTANCE OF A SUBMITTAL DOE NOT WAIVE OR ALTER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR IS RESPONSIBLE TO DETERMINE AND VERIFY FIELD DIMENSIONS,
FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION. THE SUBMITTALS SHALL BE PROPERLY REVIEWED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE ARCHITECT. INCOMPLETE, UNREVIEWED OR UNCERTIFIED (WHEN REQUIRED) SHOP DRAWINGS WILL BE RETURNED TO THE GENERAL CONTRACTOR WITHOUT THE ARCHITECTS REVIEW OR ACCEPTANCE, THE GENERAL CONTRACTOR SHALL SUBMIT A SHOP DRAWING SCHEDULE INDICATING THE CRITICAL DATES FOR SHOP DRAWINGS SUBMISSION AND DATES THAT REVIEWED SHOP DRAWINGS AND PRODUCT DATA WILL BE NEEDED. ALLOW SUFFICIENT TIME IN THE SCHEDULE FOR ARCHITECT REVIEW AND POSSIBLE RESUBMITTALS IF REQUIRED.

19. THE RETURN OF SHOP DRAWINGS TO THE GENERAL CONTRACTOR, WITH OR WITHOUT COMMENT, DOES NOT RELIEVE THE GENERAL CONTRACTOR AND THEIR SUB CONTRACTORS OF THE RESPONSIBILITY TO CONSTRUCT THE BUILDING PER THE PLANS AND SPECIFICATIONS, EVEN THOUGH THE SHOP DRAWINGS MAY INCORRECTLY DEVIATE FROM THE CONSTRUCTION DOCUMENTS. IN ADDITION, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS CONTAINED IN THE SHOP DRAWINGS. GSEP, THEIR CONSULTANTS OR THE OWNER ARE NOT RESPONSIBLE FOR ANY CORRECTIVE CONSTRUCTION RESULTING FROM SHOP DRAWINGS THAT DEVIATE FROM THE CONTRACT

20. GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT COPY OF ALL CONTRACT DOCUMENTS AT JOB SITE FOR ARCHITECT'S USE.

21. UPON COMPLETION OF THE WORK SPECIFIED THE CONTRACT DOCUMENTS THE GENERAL CONTRACTOR SHALL DEVELOP A PUNCH LIST OF ITEMS THAT NEED TO BE COMPLETED, MODIFIED, CORRECTED OR REPLACED. UPON COMPLETION OF THE WORK ITEMS IDENTIFIED IN THE PUNCH LIST THE ARCHITECT WILL VISIT THE SITE TO REVIEW THE STATUS OF THE WORK, IF THE ARCHITECT DEEMS THE WORK SUBSTANTIALLY COMPLETE THE ARCHITECT WILL DEVELOP A PUNCH LIST OF MINOR WORK ITEMS TO ACCOMPANY THE CERTIFICATE OF SUBSTANTIAL COMPLETION.

22. CONTRACTOR SHALL DELIVER TO OWNER PRIOR TO FINAL PAYMENT ALL GUARANTIES, WARRANTIES AND TWO COPIES OF ALL MANUALS AND OPERATING INSTRUCTIONS AND ARRANGE TO GIVE PHYSICAL DEMONSTRATION OF ALL EQUIPMENT TO OWNER OR HIS REPRESENTATIVE. 23. ALL LABOR AND MATERIALS SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION, EXCEPT LONGER AS REQUIRED IN THE DRAWINGS AND/OR SPECIFICATIONS.

24. ALL NEW CONSTRUCTION MUST MEET FEDERAL AND STATE ACCESSIBILITY REQUIREMENTS.

25 MATERIAL OR SYSTEMS SHALL BE INSTALLED ACCORDING TO EXACT MANUFACTURER'S INSTALLATION INSTRUCTIONS.

26 ALL MATERIALS USED DURING CONSTRUCTION SHALL BE NEW AND FREE FROM BLEMISHES, NO USED MATERIALS WILL BE ALLOWED, EXCEPT AS NOTED HEREIN, COORDINATE WITH ARCHITECT AND OWNER/REPRESENTATIVE IN ADVANCE.

27 DELIVERY AND STORAGE OF ALL MATERIAL SHALL BE ACCEPTABLE TO MANUFACTURER'S AND SHALL PROVIDE COMPLETE PROTECTION OF

28 GENERAL CONTRACTOR SHALL COORDINATE DIRECTLY WITH OWNER/TENANT ALL WORK BY "OWNER" OR "TENANT" AS INDICATED ON PLANS AND ANY ATTACHED SPECIFICATIONS.

29. GENERAL CONTRACTOR SHALL VERIFY FINAL SELECTION OF ALL FINISHES WITH ARCHITECT AND OWNER/TENANT. SUBMIT SAMPLES FOR

30. TEMPORARY FIRE EXTINGUISHERS SHALL BE PROVIDED BY GENERAL CONTRACTOR AND LOCATED AS REQUIRED BY CODE DURING CONSTRUCTION.

31. CONCRETE SLABS SHALL BE LEVELED AND PREPARED TO RECEIVE FLOOR FINISH PER FINISH SCHEDULE.

32. WHEREVER DISSIMILAR METALS CONTACT EACH OTHER, AND ARE SEPARATED FURTHER ON THE BELOW SCALE THAN BY A SINGLE NTERMEDIATE METAL, THE CONTACTING SURFACES SHALL BE INSULATED FROM EACH OTHER BY A BITUMINOUS COATING, 15# ASPHALT SATURATED FELT OR OTHER ARCHITECT APPROVED MEANS. METALS ARRANGED IN ORDER OF GALVANIC ACTIVITY: ALUMINUM, ZINC, GALVANIZED IRON, TIN ON STEEL, LEAD (HARD), STAINLESS STEEL, COPPER, MONEL.

33. GENERAL CONTRACTOR SHALL COORDINATE AND INSTALL ALL NECESSARY BACKING SUPPORTS FOR CABINETRY, SHELVING, TOILET ACCESSORIES, PLUMBING/LIGHTING FIXTURES, ETC.

34. ALL WOOD FRAMING AND BLOCKING LOCATED WITHIN CONCEALED SPACES, SUCH AS PARTITIONS ABOVE CEILINGS, ETC., SHALL BE FIRE

RETARDANT 35. ALL GYPSUM BOARD SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE UNITED STATES GYPSUM "GYPSUM

CONSTRUCTION HANDBOOK"

36. ALL GYPSUM BOARD SHALL RECEIVE A SLICK FINISH (LEVEL 4, SMOOTH TEXTURE), UNLESS OTHERWISE NOTED.

37. AT WALLS SCHEDULED TO RECEIVE WALLCOVERING SHALL BE PREPARED TO RECEIVE WALLCOVERING BY APPLYING A FLAT OIL BASE PRIMER TO PROVIDE FULL COVERAGE TO PROHIBIT 'TELEGRAPHING' THROUGH THE WALLCOVERING.

38. GENERAL CONTRACTOR AND THE APPROPRIATE SUBCONTRACTORS SHALL COORDINATE THE LOCATION OF OUTLETS, SWITCHES, THERMOSTATS, ETC. WITH THE FURNITURE LAYOUT AND WITH CONSIDERATION GIVEN TO THE PLACEMENT OF ART, PICTURES, PLAQUES, ETC. THIS SHALL BE REVIEWED WITH THE ARCHITECT AND TENANT.

39. CONTRACTOR SHALL ADJUST EXISTING FIRE SPRINKLER SYSTEM AS REQUIRED BY CODE. ALL SPRINKLER HEADS SHALL BE FLUSH, FULLY CONCEALED TYPE, UNLESS OTHERWISE NOTED. FIRE SPRINKLER SUB-CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS TO BUILDING DEPARTMENT AS REQUIRED.

40. THE EXISTING FIRE PROTECTION SYSTEM SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING CONSTRUCTION. GENERAL CONTRACTOR SHALL NOTIFY THE FIRE DEPARTMENT PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM AND NOTIFY AGAIN WHEN THE SYSTEM IS

RETURNED TO NORMAL OPERATION. 41. ALL REQUIRED EXITS SHALL BE MAINTAINED DURING CONSTRUCTION.

42. PRIOR TO FINAL COMPLETION, CONTRACTOR SHALL THOROUGHLY CLEAN ALL SURFACES.

43. GENERAL CONTRACTOR SHALL PROVIDE INTERIOR AND EXTERIOR CODE COMPLIANT SIGNAGE.

44. ALL CONSTRUCTION ACTIVITY REGULATED BY THIS CODE SHALL BE PERFORMED IN MANNER SO AS NOT TO ADVERSELY IMPACT THE CONDITION OF ADJACENT PROPERTY, UNLESS SUCH ACTIVITY IS PERMITTED TO AFFECT SAID PROPERTY PURSUANT TO A CONSENT BY THE APPLICABLE PROPERTY OWNER, UNDER TERMS & CONDITIONS AGREEABLE TO THE APPLICABLE PROPERTY OWNER.

45. IT SHALL BE UNLAWFUL FOR ANY PERSON TO ALLOW CONSTRUCTION RELATED MATERIALS EQUIPMENT AND DEBRIS TO REMAIN LOOSE OR OTHERWISE UNSECURED AT A CONSTRUCTION SITE FROM 24 HRS. AFTER A HURRICANE WATCH HAS BEEN ISSUED UNTIL THE HURRICANE WATCH OR

WARNING HAS BEEN LIFTED. ALL SUCH CONSTRUCTION MATERIALS, EQUIPMENT AND DEBRIS SHALL BE EITHER REMOVED FROM THE CONSTRUCTION SITE OR SECURED IN SUCH A MANNER AS TO MINIMIZE THE DANGER OF SUCH CONSTRUCTION MATERIALS, EQUIPMENT AND DEBRIS CAUSING DAMAGE TO PERSONS OR PROPERTY FROM HIGH WINDS, ANY PERSONS WHO FAILS TO COMPLY TO REMOVE OR SECURE THE CONSTRUCTION MATERIALS EQUIPMENT AND DEBRIS WITHIN 24 HRS AFTER A HURRICANE WATCH HAS BEEN ISSUED SHALL BE SUBJECT TO A FINE NOT TO EXCEED \$500,00. IN ADDITION TO THE ABOVE, A LICENSED CONTRACTOR WHO VIOLATES THIS SECTION SHALL BE SUBJECT TO DISCIPLINE PURSUANT TO SECTION II3 OF THIS CHAPTER.

46. STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION OPERATIONS SHALL COMPLY WITH NFPA 241.

47. THE SCOPE OF WORK SHALL NOT HINDER OR INTERFERE WITH EMERGENCY RESPONSE ACCESS TO THE PROPERTY/DEVELOPMENT OR VICINITY THEREOF (INCLUDING STREETS, ALLEYS, FIRE LANES).

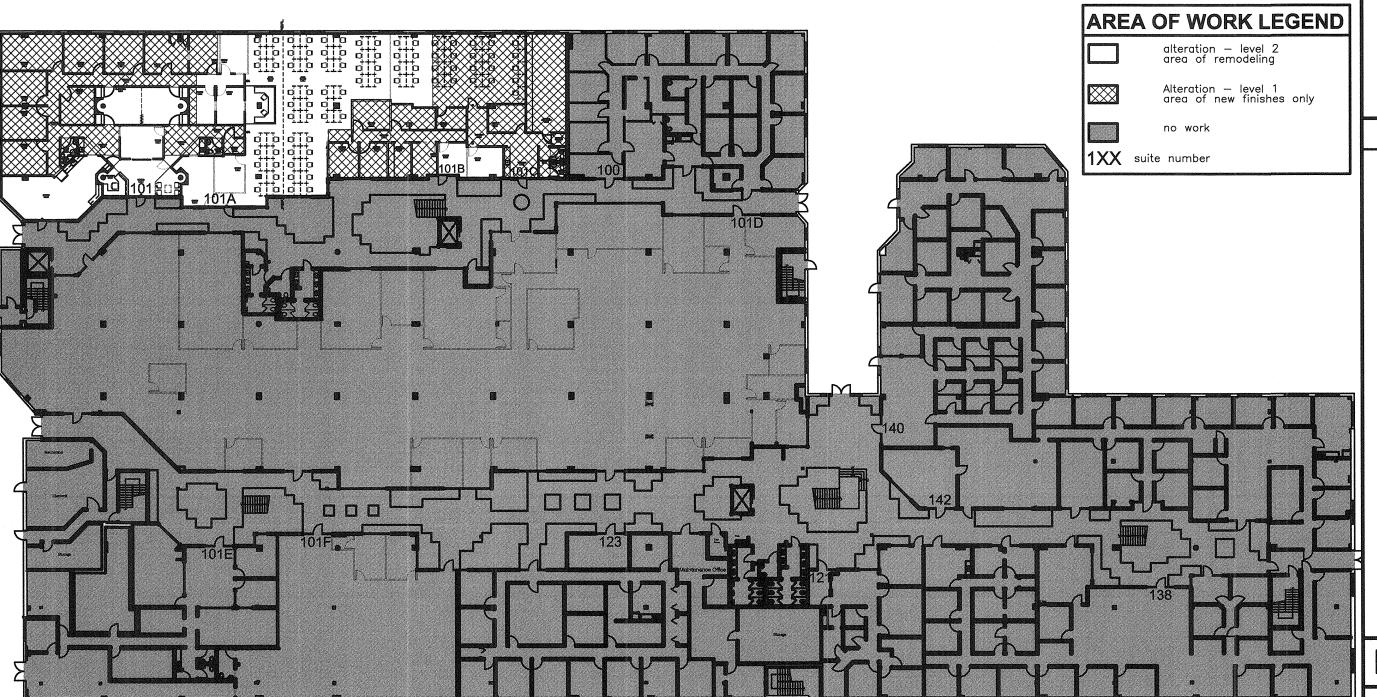
## TENANT IMPROVEMENTS FOR:

# GLOBAL HEALTH

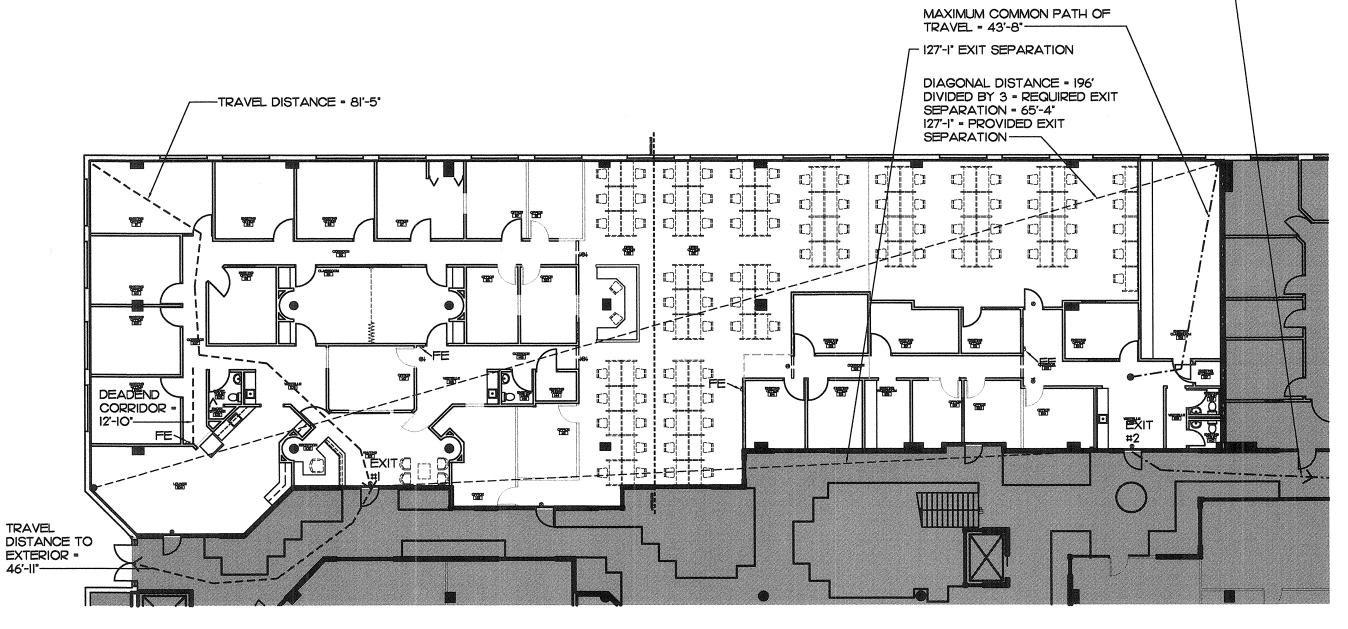
PROSPECT PLACE 3111 SO. DIXIE HWY WEST PALM BEACH, FL 33405

CONSTRUCTION DOCUMENTS

#### KEY PLAN



#### LIFE SAFETY PLAN



TRAVEL DISTANCE TO

EXTERIOR = 93'-II"-

#### PROJECT SCOPE

THE SCOPE OF THE PROJECT INVOLVES INTERIOR IMPROVEMENTS FOR SUITES #101, #101A, #101B & #101C - AREA OF ENTIRE SPACE = 10,117 S.F. AREA OF REMODELING IS 4,826 SQ.FT. AREA OF NEW FINISHES ONLY IS 5,291 SQ.FT

#### PROJECT TEAM:

GLIDDEN • SPINA & PARTNERS ARCHITECTURE • INTÉRIOR DESIGN. INC.

(561) 684-6844

KAMM CONSULTING ENGINEERS M.E.P ENGINEER

(772) 595-1744

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A-2.1 REFLECTED CEILING PLAN - PART B A-3.0 INTERIOR ELEVATIONS A-4.0 DETAILS

MECHANICAL PLAN M2.I.I MECHANICAL PLAN

ELECTRICAL NOTES PARTIAL LIGHTING PLAN E2.I.I PARTIAL LIGHTING PLAN

MO.I MECHANICAL NOTES

E3.1 PARTIAL POWER PLAN

## E3.I.I PARTIAL POWER PLAN

### LIFE SAFETY REQUIREMENTS

APPLICABLE CODES: • FLORIDA BUILDING CODE, 2007 EDITION W/ 2009 AMENDMENTS • LIFE SAFETY CODE, NFPA 101, 2006 EDITION, CHAPTER 39 - EXISTING BUSINESS OCCUPANCIES

-ALTERATION- LEVEL 1, FBC EXISTING BUILDING SECTION 403 - SEE KEY PLAN LEGEND FOR AREA OF NEW

-ALTERATION - LEVEL 2, FBC EXISTING BUILDING SECTION 404 - SEE KEY PLAN LEGEND FOR AREA OF REMODELING

FULLY SPRINKLERED BUILDING: FBC AND FFPC COMPLAINT

OCCUPANCY: GROUP B. BUSINESS OCCUPANT LOAD: 100 SF/PERSON (NFPA & FBC)

LEVEL TRAVEL: 0.2 INCHES PER PERSON

 TRAVEL BY STAIRS: 0.3 INCHES PER PERSON ARRANGEMENTS OF • 300' MAX TRAVEL DISTANCE (NFPA 101, 33.2.6.1 & FBC TABLE 1016.1)

COMMON PATH OF TRAVEL - 100' MAX (NFPA), 100' MAX (FBC)

AREA OF REFUGE: • NOT REQUIRED PER FBC 11-4.1.3 (9) FOR FULLY SPRINKLERED BUILDINGS

EXISTING MP-10 EXTINGUISHER (2A-10B:C) FIRE EXTINGUISHER SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 10.

#### LIFE SAFETY LEGEND

TRAVEL DISTANCE

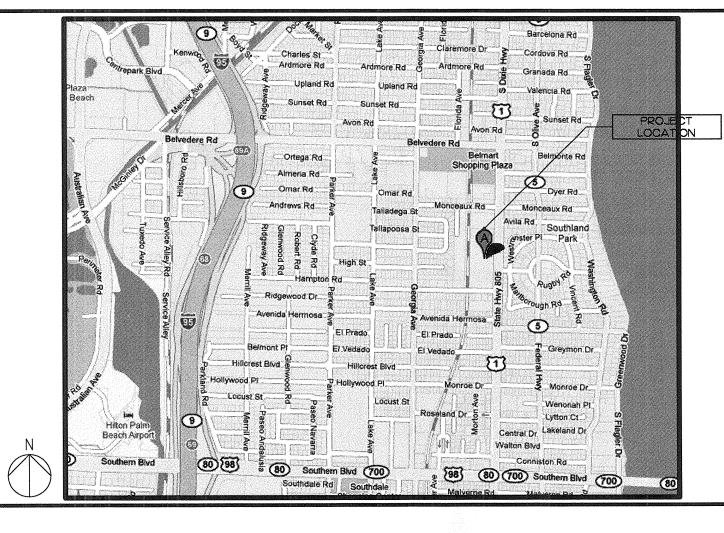
COMMON PATH OF TRAVEL

EXIT LIGHT

#### PLUMBING FIXTURE COUNT

PLUMBING FIXTURES FOR EMPLOYEES AND PUBLIC ARE PROVIDED AS PART OF THE SHELL BUILDING PERMIT

#### **LOCATION MAP**



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NO SUBSTITUTIONS TO THE LIGHT FIXTURE SCHEDULE CONTAINED IN THESE DOCUMENTS WILL BE CONSIDERED WITHOUT PRIOR REVIEW (1) VERIFY CEILING TYPES AND VOLTAGES PRIOR TO ORDERING FIXTURES. AND/OR APPROVAL BY THE ARCHITECT AND ELECTRICAL ENGINEER. BUILDING EXTERIOR TENANT 101/A/B/C 101 1023 Service of **IRELOCATEDI** IRELOCATEDI **IRELOCATEDI** 120/208V 3ø EXISTING **EXISTING** EXISTING PANEL PANEL PANEL UTILITY COMPANY'S "A" TRANSFORMER SERVICE VOLTAGE: NEMA 3R 🔟 120/208V, 3ø, 4W L \_\_\_ \_\_ \_ · 

ELECTRICAL RISER DIAGRAM

NOTES:

\_\_ c/w \_\_-

#### **ELECTRICAL SPECIFICATIONS**

#### PART 1 - GENERAL

- A. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED. CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, CONTRACTOR SHALL NOTIFY
- SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL ARCHITECT/ENGINEER HAS DIRECTED CORRECTIVE ACTION TO BE TAKEN.

THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM AND

- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATIONS INSTALLATION AND MAKE PROVISIONS AS TO
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION) AND ALL CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION. THE SPECIFICATION, CODES AND STANDARDS LISTED BELOW ARE
  - NATIONAL ELECTRICAL CODE (NFPA-70) 2. CODE FOR SAFETY TO LIFE (NFPA\_101)
  - 3. STANDARD FOR THE INSTALLATION, MAINTENANCE AND USE OF LOCAL PROTECTIVE SIGNALING
  - SYSTEMS (NFPA-72)
  - 4. UNDERWRITERS' LABORATORIES (UL) 5. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
  - 5. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
  - FEDERAL SPECIFICATION (FED. SPEC.) 8. INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA)
  - 9. FLORIDA BUILDING CODE. 2007 EDITION
  - 10. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE) 11. WEST PALM BEACH BUILDING CODE. (AMMENDMENTS TO FLORIDA BUILDING CODE 2007) 12. ADDITIONALLY, DESIGNS, WORK PRACTICES AND CONDITIONS MUST CONFORM WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA)
- DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT, CONFIRM WITH OWNER'S REPRESENTATIVE. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE
- CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FROM A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED
- ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR
- TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. THE TERM "PROVIDE" USED IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS SHALL MEAN THAT THE CONTRACTOR IS TO FURNISH, INSTALL AND CONNECT COMPLETE.
- MINIMUM WIRE SIZE SHALL BE #12 A.W.G. (EXCEPT AS NOTED OTHERWISE FOR CONTROL WIRING). ALL CONDUCTORS SHALL BE 98% CONDUCTIVITY, COPPER WITH "THHN-THWN" INSULATION UNLESS OTHERWISE
- ELECTRICAL METALLIC TUBING (EMT) SHALL BE OF BEST QUALITY STEEL, SMOOTH INSIDE AND OUT AND SHALL BE HOT-DIPPED GALVANIZED.
- OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- RIGID NONMETALIC CONDUIT SHALL BE SCHEDULE 40 PVC. ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE. PANELBOARDS:
  - 1. CURRENT CARRYING BUSES SHALL BE COPPER. GROUND BUS BARS SHALL BE COPPER. 2. ALL CIRCUIT BREAKERS SHALL BE BOLT ON. PLUG-IN BREAKERS ARE NOT ACCEPTABLE.
  - 3. CIRCUIT BREAKERS USED AS SWITCHES IN FLUORESCENT OR HID LIGHTING CIRCUITS SHALL BE LISTED AND MARKED "SWD"
  - 4. ALL CIRCUIT BREAKERS FEEDING MECHANICAL EQUIPMENT SHALL BE HACR TYPE. 5. A.I.C. RATINGS SHALL BE AS INDICATED ON PANELBOARD SCHEDULES.
  - 6. ALL PANELBOARDS SHALL BE FURNISHED WITH PLASTIC LAMINATE NAMEPLATES WITH 1/4" ENGRAVED LETTERING FOR PANEL IDENTIFICATION.
- 7. ALL PANELBOARDS SHALL BE PROVIDED WITH TYPE-WRITTEN DIRECTORY OF BRANCH CIRCUIT DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK. ENCLOSURES
- SHALL BE NEMA-1 FOR INDOOR LOCATIONS, NEMA 3R FOR OUTDOOR LOCATIONSOR AS OTHERWISE NOTED. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC AS INDICATED ON THE ELECTRICAL DRAWINGS, WITH OVERLOAD RELAYS IN EACH PHASE.
- WIRING DEVICES (GENERAL PURPOSE RECEPTACLES AND WALL SWITCHES) SHALL BE WHITE COLOR UNLESS OTHERWISE NOTED. FACEPLATES SHALL BE SMOOTH, WHITE NYLON.

#### PART 3 - EXECUTION

TO BE GFCI PROTECTED.

**LEGEND** 

---- EXISTING TO REMAIN

- NEW

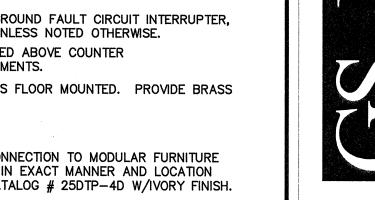
- COLOR CODING OF CONDUCTORS SHALL BE AS FOLLOWS:
- 1. 208/120 VOLTS, 3 PHASE, 4-WIRE SYSTEM: UNGROUNDED CONDUCTORS: 1 BLACK, 1 RED AND 1 BLUE. GROUNDED (NEUTRAL) CONDUCTOR; WHITE. GROUNDING CONDUCTORS SHALL BE GREEN. 2. 480/277 VOLT, 3-PHASE, 4-WIRE SYSTEM: UNGROUNDED CONDUCTORS: 1 BROWN, 1 YELLOW, AND 1 PÚRPLE. GROUNDED (NEUTRAL) CONDUCTORS; GREY. GROUNDING CONDUCTORS SHALL BE GREEN.
- 3. BRANCH CIRCUIT WIRING (#6 AND SMALLER) SHALL BE COLOR CODED BY CONTINUOUS INSULATION COLOR AND FEEDERS AND SERVICES (#4 AND LARGER) SHALL BE CODED AT ALL JUNCTION OR PULL POINTS (EXCEPT LB'S OR LBD'S) USING COLOR MARKERS OR PLASTIC TAPE MANUFACTURED FOR THE PURPOSE. WIRING METHODS
- 1. ALL CONDUCTORS SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE NOTED, SPECIFIED OR AS SPECIFICALLY PROHIBITED BY THE AUTHORITY HAVING JURISDICTION. ALL FITTINGS AND COUPLINGS FOR EMT CONDUIT SHALL BE ALL STEEL RAIN TIGHT COMPRESSION TYPE OR ALL STEEL CONCRETE TIGHT SET SCREW TYPE.
- 2. SCHEDULE 40 PVC CONDUIT, WITH FITTINGS AND COUPLINGS APPROPRIATE FOR THE USE, SHALL BE INSTALLED UNDERGROUND OR BELOW SLABS ON GRADE. 3. TYPE MC CABLE WITH ALUMINUM ARMOR AND INTERNAL GROUND IS ACCEPTABLE FOR USE AS GENERAL BRANCH CIRCUIT WIRING FOR CIRCUITS 20 AMPERES OR LESS AND CONCEALED IN WALLS OR ABOVE SUSPENDED CEILING AND AS APPROVED BY THE AUTHORITY HAVING
- C. ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE N.E.C. AND LOCAL CODES.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS
- WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTED BY ENGINEER / ARCHITECT.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE
- COMPANIES, AND SHALL BE FULLY COORDINATED WITH THEM PRIOR TO COMMENCEMENT OF WORK.
- PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES, AND WIRING DEVICES, FOR ALL OUTLETS AS INDICATED.
- MATERIALS, PRODUCTS, AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UL LIST OF APPROVED ITEMS AND SHALL MEET OR EXCEED THE
- REQUIREMENTS OF NEC, NEMA, AND IECE. CONTRACTOR SHALL SUBMIT AT LEAST FIVE (5) SETS OF SHOP DRAWINGS OR CUT SHEETS OF LIGHTING FIXTURES, SWITCHES, AND OTHER ELECTRICAL ITEMS FOR APPROVAL BY ENGINEER/ARCHITECT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED OF HIS WORK.
- K. ALL LAY-IN LIGHTING FIXTURES SHALL BE SECURED TO THE SUSPENDED CEILING GRID AT EACH CORNER.
  L. CONTRACTOR SHALL COORDINATE WITH MECHANICAL DRAWINGS AND PROVIDE ALL NECESSARY CONTROL
- 1. ALL ELECTRICAL POWER WIRING FOR THE HVAC SYSTEM INCLUDING WIRING THRU LINE VOLTAGE CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. CONDUCTORS FOR BRANCH CIRCUITS SHALL BE INCREASED FROM SIZES INDICATED ON PANEL SCHEDULES TO PREVENT VOLTAGE DROP EXCEEDING 3% AT THE FARTHEST DEVICE. LOADS FOR DETERMINING CONDUCTOR SIZE SHALL BE BASED ON ACTUAL CONNECTED LOAD OR 80% OF BREAKER SIZE, WHICHEVER IS GREATER. CONTACT ENGINEER OF RECORD FOR ALL RUNS IN EXCESS OF 100 FT. FOR DETERMINATION OF WIRE SIZE.
- FOR BID PURPOSES, INCREASE WIRE BY ONE (1) WIRE SIZE FOR RUNS 100 FT. TO 200 FT. AND TWO (2) WIRE SIZES FOR RUNS OVER 200 FT. FEEDER CONDUCTORS SHALL BE INCREASED FROM SIZES INDICATED ON RISER DIAGRAM TO PREVENT VOLTAGE DROP EXCEEDING 2% LOADS FOR DETERMINING CONDUCTOR SIZE SHALL BE BASED ON ACTUAL
- CONNECTED LOAD OR 80% OF BREAKER SIZE, WHICHEVER IS GREATER. THE CONTRACTOR SHALL CONFIRM WITH THE ELECTRICAL UTILITY COMPANY ANY AND ALL REQUIREMENTS
- SUCH AS: METERING EQUIPMENT REQUIREMENTS AND METERING EQUIPMENT LOCATION, TRANSFORMER SIZE AND LOCATION OR SERVICE POINT, CONDUIT ENTRY AND LUG SIZE RESTRICTIONS. THE CONTRACTOR SHALL SCHEDULE ALL REQUIRED DOWN TIME FOR THE OWNERS CONFIRMATION. ANY CONFLICTS AND DESCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE
- PROCEEDING WITH ANY WORK. PER NEC 210.8(B)(3) ALL 15- AND 20-AMPERE, 125-VOLT RECEPTACLES IN NONDWELLING-TYPE KITCHENS

E0.1	ELECTRICAL NOTES, LEGEND & INDEX
E2.1	PARTIAL LIGHTING PLAN
E2.1.1	PARTIAL LIGHTING PLAN
E3.1	PARTIAL POWER PLAN
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#### **ELECTRICAL LEGEND**

- TELEPHONE/DATA OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
- TELEPHONE/DATA OUTLET WITH 3/4" CONDUIT RUN TO THE NEAREST STUD WALL AND STUBBED OUT FROM WALL 6" ABOVE CEILING, PROVIDE BRASS COVER PLATE AND
- TELEVISION OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
- 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
- 20 AMP QUADRUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE
- OF OUTLET UNLESS NOTED OTHERWISE.
- 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) WITH GROUND FAULT CIRCUIT INTERRUPTER, MOUNT AT 18" A.F.F. TO CENTER LINE OF OUTLET. UNLESS NOTED OTHERWISE.
- 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED ABOVE COUNTER
- SEE ARCHITECTUAL DRAWINGS FOR SPECIFIC REQUIREMENTS.
- 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R), RECESS FLOOR MOUNTED. PROVIDE BRASS COVER PLATE AND CARPET FLANGE.
- JUNCTION BOX
- TELE/POWER POLE FOR TELEPHONE/DATA/POWER CONNECTION TO MODULAR FURNITURE 8 WIRE SYSTEM (SEE DETAIL THIS SHEET). INSTALL IN EXACT MANNER AND LOCATION AS DIRECTED BY FURNITURE SUPPLIER, WIREMOLD CATALOG # 25DTP-4D W/IVORY FINISH.
- SINGLE POLE, 20 AMP, SWITCH. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS
- 3-WAY, 20 AMP, SWITCH. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS
- MOTION DETECTOR SWITCH, OSW-DT-0601-MV-X, COOPER CONTROLS.
- └── A\rightarrow FUSIBLE DISCONNECT SWITCH A = POLES, B= FRAME SIZE, C= FUSE RATING
- FUSIBLE MOTOR STARTER DISCONNECT SWITCH A = POLES, B= NEMA SIZE, C= FUSE RATING
- GROUNDING ELECTRODE & CONDUCTOR SYSTEM
- TRANSFORMER
- ELECTRICAL PANELBOARD
- TELEPHONE WOOD BACKBOARD
- WEATHERPROOF
- TIME CLOCK
- RELOCATED
- EXISTING TO REMAIN EΧ
- ABOVE FINISH FLOOR
- CEILING MOUNTED DUAL TECHNOLOGY MOTION SENSOR BY COOPER CONTROLS.
- CEILING MOUNTED LOW VOLTAGE DUAL TECHNOLOGY MOTION SENSOR BY COOPER CONTROLS.
- ←——— DEMO WALL, TO BE REMOVED. SEE ARCHITECTURAL PLANS
- FIRE ALARM HORN / STROBE COMBINATION. EST #G1RF-HDVMHWR
- FIRE ALARM STROBE. EST # G1RF-VM HWR

**ELECTRICAL SHEET INDEX** PARTIAL POWER PLAN



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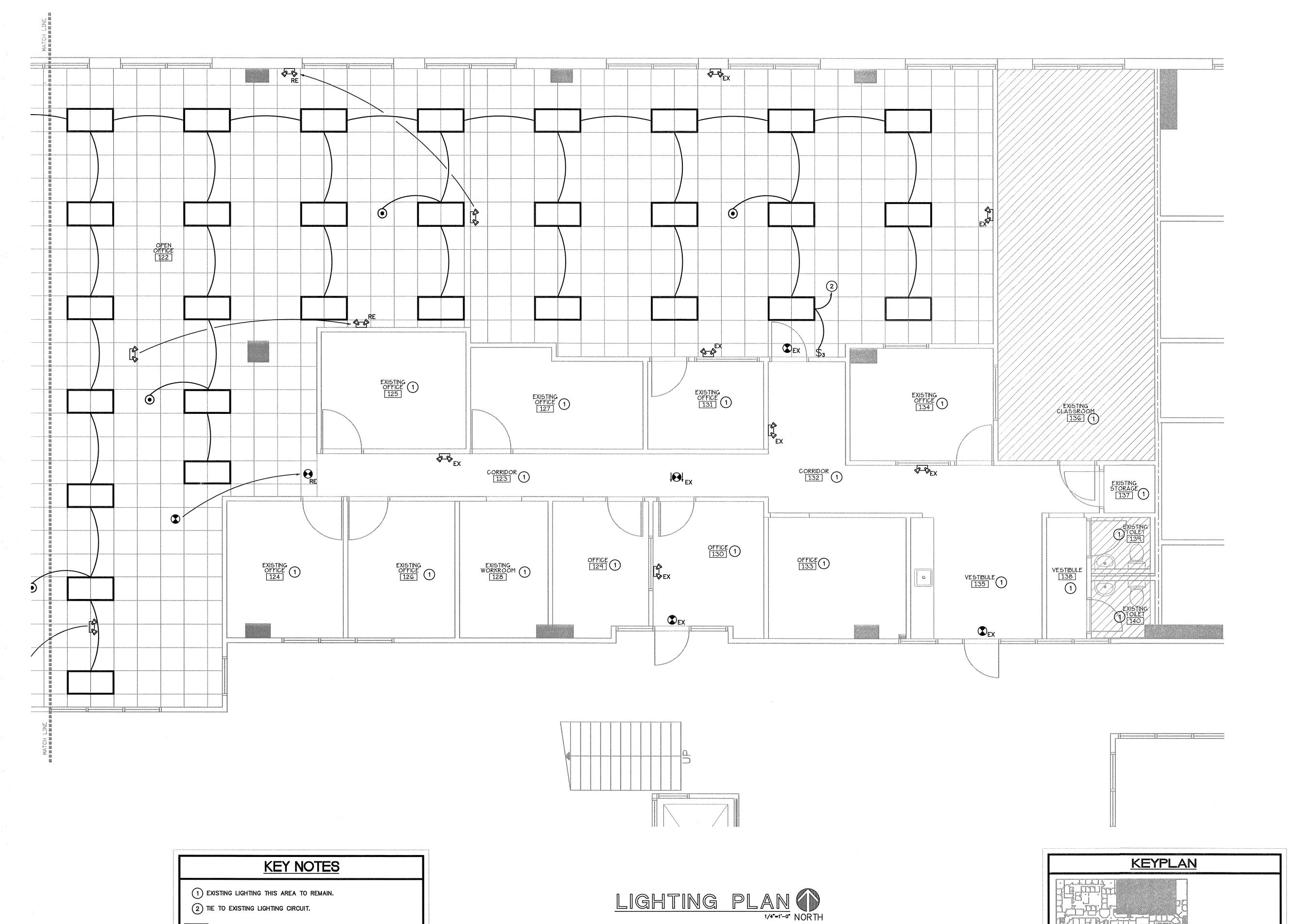
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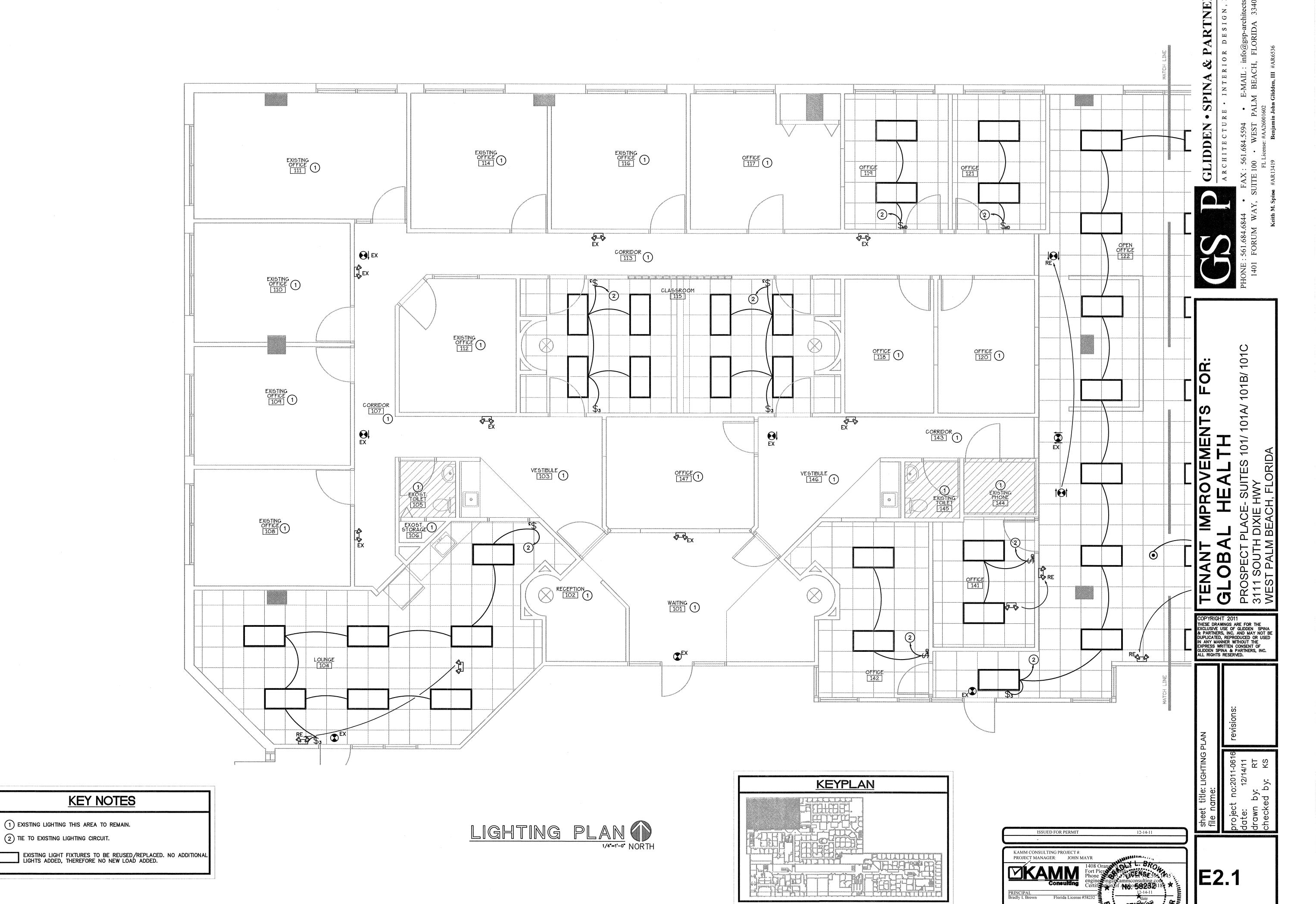
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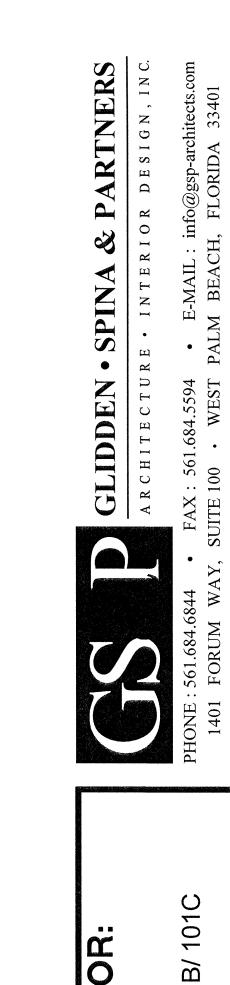
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EXISTING LIGHT FIXTURES TO BE REUSED/REPLACED. NO ADDITIONAL LIGHTS ADDED, THEREFORE NO NEW LOAD ADDED.

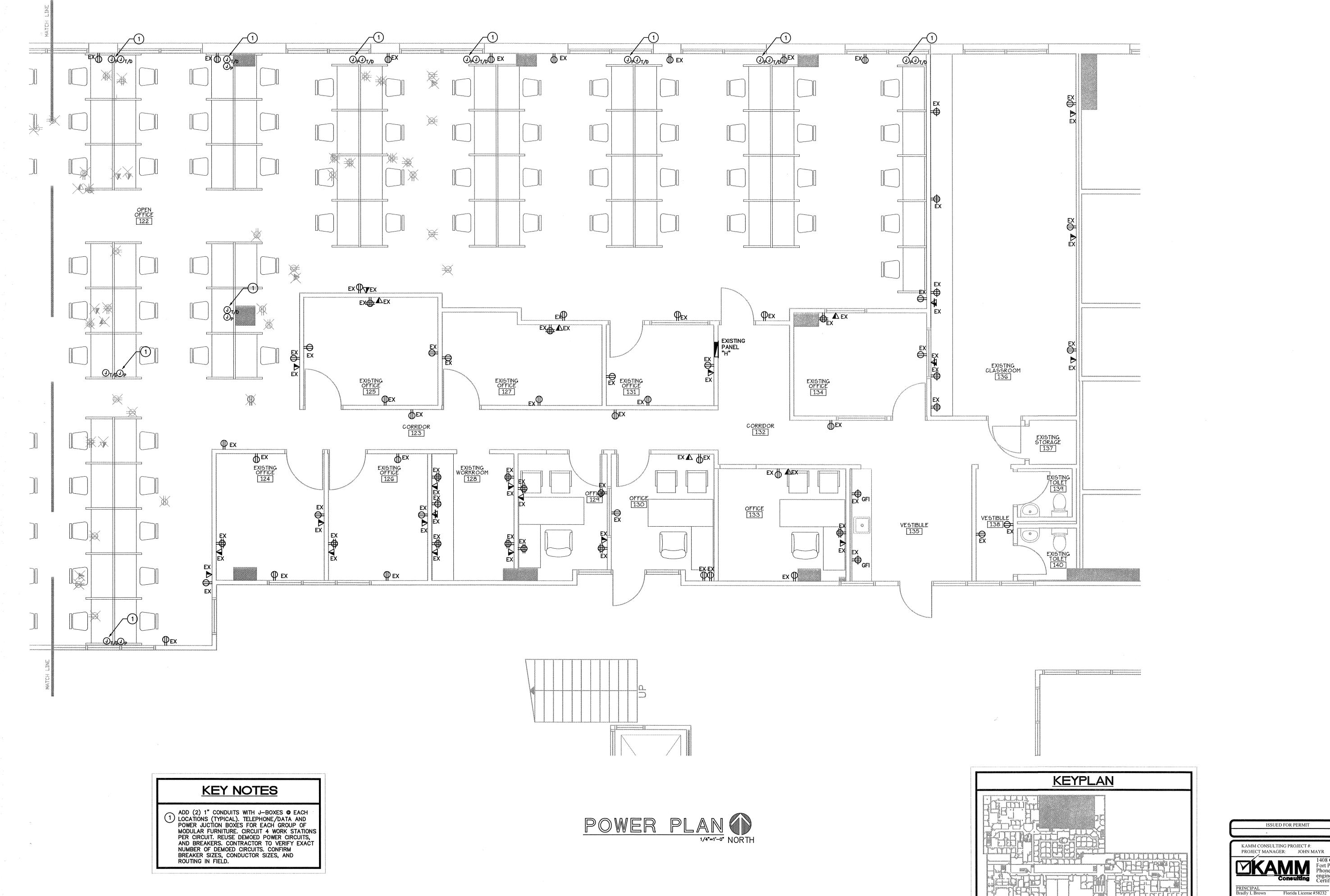


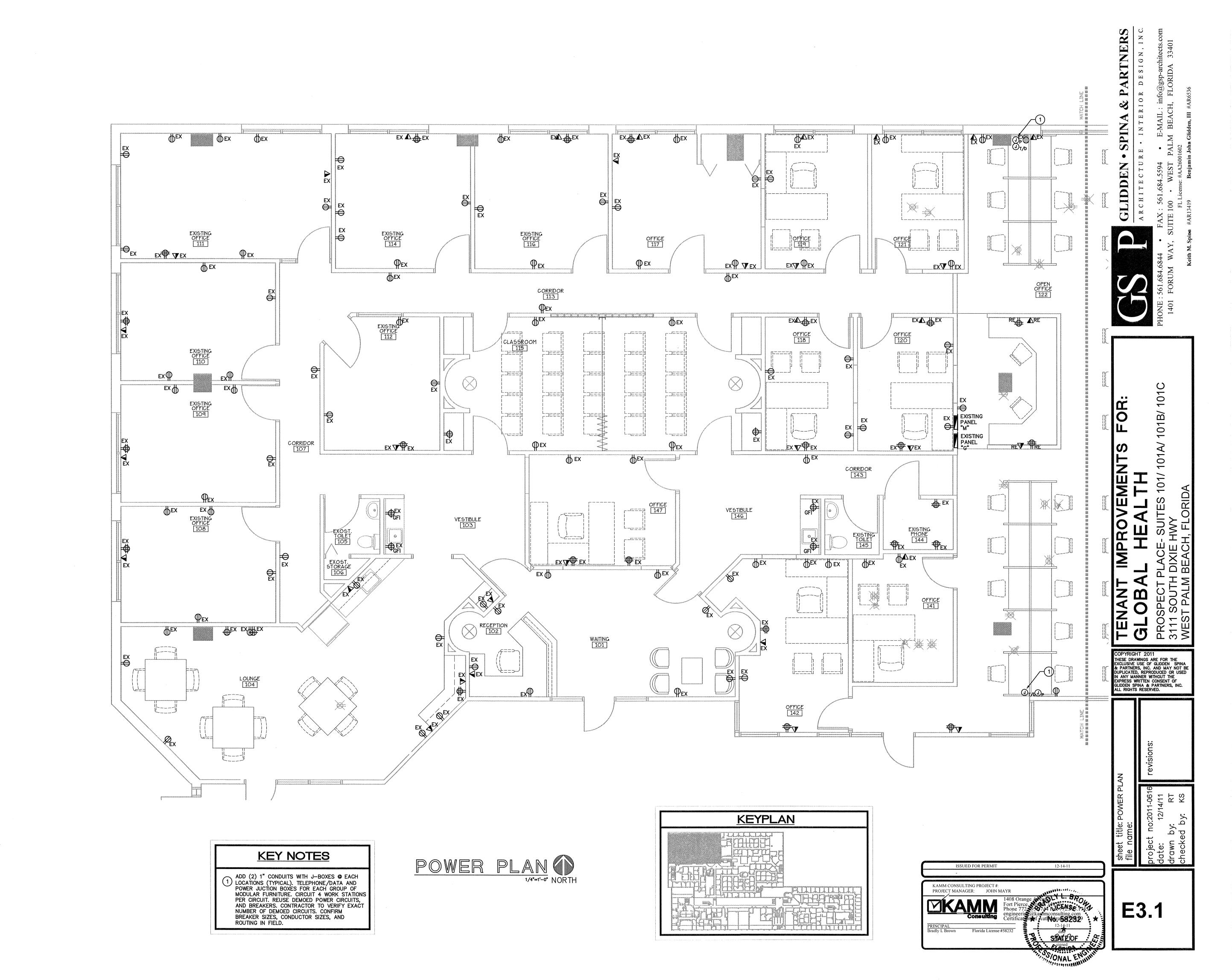


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ISSUED FOR PERMIT

KAMM CONSULTING PROJECT #: PROJECT MANAGER: JOHN MAYR





#### **MECHANICAL NOTES**

- 1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE SYSTEM IN ACCORDANCE WITH THESE DRAWNGS, THE FLORIDA BUILDING CODE 2007 AND ALL OTHER APPLICABLE STATE, COUNTY AND LOCAL ORDINANCES AND THE LATEST ADDITION OF THE FOLLOWING PUBLICATIONS; SMACNA-85, 92, 95; ASHRAE 15-01, 34-01, 62-04; NFPA 70-02, 72-02, 90A-02, 90B-02, 91-99, 96-01; ANSI Z10.1-98, Z10.3-98, Z21.8-94, Z21.83-98.
- 2. THE CONTRACTOR SHALL PAY ALL COSTS OF PERMIT, INSPECTIONS AND ALL OTHER COSTS INCIDENTAL TO THE COMPLETION AND TESTING OF THIS WORK.
- 3. THE CONTRACTOR SHALL VISIT THE SITE AND COORDINATE WORK WITH OTHER TRADES. 4. THE CONTRACTOR SHALL SUPPLY THE ARCHITECT WITH "AS-BUILT" DRAWINGS.
- 5. CONTRACTOR SHALL SUBMIT, FOR APPROVAL FIVE [5] COPIES OF MANUFACTURER'S DRAWINGS FOR EACH PIECE OF EQUIPMENT AND CONTROLS INCLUDED IN CONTRACT.
- 6. ALL MATERIAL SHALL BE NEW OF U.S. MANUFACTURER OF GOOD QUALITY, ALL WORK SHALL BE PERFORMED AT INDUSTRY STANDARD QUALITY LEVEL BY CERTIFIED PROFESSIONALS. ALL EQUIPMENT SHALL BE UL OR ETL LISTED. ALL INSTALLATIONS SHALL COMPLY WITH FMC 2007, CH. 3, GENERAL REGULATIONS. BUILDINGS LOCATED WITHIN 3,000 FT FROM THE OCEAN SHALL UTILIZE NON-FERROUS MATERIALS FOR ALL OUTDOOR EXPOSED SUPPORTS, STANDS, FASTENERS, ETC.
- A. ALL AIR CONDITIONING DUCT WORK SHALL BE OF 1-1/2" (R-6) HEAVY DUTY FOIL REINFORCED FIBERGLASS WITH MANUFACTURER'S LOGO PRINTED ON VAPOR BARRIER ALL FLEXIBLE DUCT TO BE R-6 WITH A MAX. TOTAL LENGTH NOT TO EXCEED 15 FT. INSTALL UL LISTED FOR PLENUM, FLEXIBLE DUCTWORK ELBOW SUPPORTS AT EACH DIFFUSER.

GRILLE, AND REGISTER EQUAL TO "FLEXFLOW ELBOW" AS MANUFACTURED BY "THERMAFLEX".

ALL OUTDOOR EXPOSED DUCTWORK SHALL BE GALVANIZED, DOUBLE WALL SHEETMETAL EQUAL TO UNITED McGILL "K-27", WITH MIN. R-8 INSULATION AND SEALED SEAMS AND JOINTS. THE CONTRACTOR SHALL PROVIDE ALL SHEETMETAL DUCTWORK, HANGERS, AUX. SUPPORT STEEL, ETC. PROVIDE SOLID LINER AND COAT WITH TWO COATS OF CORROSION-RESISTANT PAINT OR EQUIVALENT. PROVIDE OPTIONAL (OWNER'S DECISION) ALUMINUM OR STAINLESS STEEL CONSTRUCTION. C. ALL FLEX DUCT SHALL BE RATED CLASS I, UL-181 LISTED WITH METALLIZED INNER AND OUTER FOIL LINERS, MIN. R-6 WITH A MAX. TOTAL LENGTH NOT TO EXCEED 15 FT. FLEXIBLE DUCTWORK ELBOW SUPPORTS AT EACH DIFFUSER, GRILLE, AND REGISTER EQUAL TO "FLEXFLOW ELBOW" AS MANUFACTURED BY "THERMAFLEX".

D. ALL METAL EXHAUST, MAKE-UP OR OTHERWISE DUCTS INSTALLED IN LOCATIONS WHERE DEWPOINT CONDITIONS CAN OCCUR INSIDE THE DUCT SHALL BE EXTERNALLY INSULATED WITH R-6 MIN. THE CONTRACTOR SHALL PROVIDE ALL SHEETMETAL DUCTWORK, HANGERS, AUX. SUPPORT STEEL, ETC. ALL METAL DUCTS SHALL BE FABRICATED IN ACCORDANCE WITH LATEST EDITION OF S.M.A.C.N.A.

SPECIAL NOTE SMACNA DUCT PRESSURE CLASSES BASED ON OPERATING PRESSURE ARE: 1/2", 1", 2", 3", 4", 6", AND 10". EACH DUCT SYSTEM SHALL BE CONSTRUCTED FOR THE SPECIFIC DUCT PRESSURE CLASS SHOWN ON PLANS. WHERE NO PRESSURE CLASS IS SPECIFIED FOR CONSTANT VOLUME SYSTEMS, 1" W.G. PRESSURE CLASS IS THE BASIS OF COMPLIANCE WITH THE SMACNA STANDARDS REGARDLESS OF VELOCITY.

WHERE NO PRESSURE CLASS IS SPECIFIED FOR VARIABLE VOLUME SYSTEMS, 2" W.G. PRESSURE CLASS IS THE BASIS OF COMPLIANCE WITH THE SMACNA STANDARDS FOR DUCTWORK UPSTREAM OF VAV BOXES. ALL DUCTWORK SHALL BE SEALED TO SMACNA "HVAC DUCT CONSTRUCTION STANDARDS" FOR ITS PRESSURE CLASS SEALING METHODS.

8. ALL EXHAUST DUCTS AND OUTSIDE AIR DUCTS SHALL BE GALVANIZED SHEET METAL WITH SEALED SEAMS AND JOINTS. ALL OUTSIDE AIR DUCT SHALL BE INSULATED WITH EXTERNAL BLANKET INSULATION R-6 MIN. ALL METAL EXHAUST, MAKE-UP OR OTHERWISE DUCTS INSTALLED IN LOCATIONS WHERE DEWPOINT CONDITIONS CAN OCCUR INSIDE THE DUCT SHALL BE EXTERNALLY INSULATED WITH R-6 MIN.

9. OUTSIDE AIR INTAKES SHALL BE SCREENED WITH A CORROSION RESISTANT MATERIAL NOT LARGER THAN 1/2" MESH, O/A INTAKES SHALL NOT BE TAKEN FROM A LOCATION CLOSER THAN 10 FT. FROM ANY CHIMNEY, VENT OUTLET OR SANITARY SEWER VENT OUTLET, UNLESS SUCH VENT IS NOT LESS THAN 24 INCHES ABOVE THE OUTSIDE AIR VENT. OUTSIDE AIR INTAKE VENTS LOCATED ON ROOFS WILL BE PROPERLY MARKED WITH A UNIVERSAL MARKING "INTAKE", PERMANENTLY ATTACHED PER FMC 2007, SEC. 401.5.1

10. DUCT SIZES SHOWN ARE INSIDE DIMENSIONS.

11. ALL AIR DEVICES (DIFFUSERS, REGISTERS AND GRILLES) SHALL BE ALL ALUMINUM CONSTRUCTION WITH EXPOSED SURFACE OFF WHITE BAKED ENAMEL FINISH OR AS SPECIFIED BY ARCHITECT. DEVICES SHALL BE AS SPECIFIED OR EQUAL TO TITUS OR METALAIRE. PROVIDE OPPOSED BLADE DAMPERS AT ALL DIFFUSERS AND REGISTERS AS INDICATED ON PLANS. PROVIDE BALANCING DAMPERS FOR ALL SUPPLY AND RETURN DIFFUSERS AND REGISTERS TO ENSURE COMPLAINCE WITH FMC 2007, PAR. 601.4 AND PAR. 603.15 FOR BALANCED AIR FLOW.

12. TEMPERATURE CONTROLS/THERMOSTAT: A. SHALL BE COMBINATION COOLING/HEATING, WITH SYSTEM "COOL-AUTO-HEAT-OFF" AND FAN "ON-AUTO" SELECTOR SWITCHES. PROVIDE PROGRAMMABLE TYPE AS RECOMMENDED BY MANUFACTURER, HONEYWELL OR EQUAL. PROVIDE TAMPER PROOF COVERS.

THERMOSTAT LOCATION SHALL BE APPROVED BY OWNER AND ENGINEER BEFORE INSTALLATION. INSTALL THERMOSTAT 48" TO 54" A.F.F. PER A.D.A REQUIREMENTS WHERE APPLICABLE. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR ALL REQUIREMENTS FOR JUNCTION BOXES, CONDUITS, CONTROL WIRING, POWER, ETC. AND DEFINE RESPONSIBILITIES AND SCOPE OF WORK FOR EACH TRADE PRIOR TO ANY PURCHASING OR INSTALLATION. WHENEVER THERE ARE MORE THAN ONE SENSOR OR THERMOSTAT, SIDE BY SIDE, THEY SHALL BE GANGED TOGETHER WITHIN THE SAME COVER PLATE WHEREVER POSSIBLE. CONTRACTOR SHALL COORDINATE THIS ISSUE WITH ARCHITECT/OWNER PRIOR TO INSTALLATION AND SHALL BRING ANY DISCREPANCY TO THE ENGINEER'S ATTENTION.

4. REFRIGERANT LINES SHALL BE COPPER, TYPE "L" HARD DRAWN WITH WROUGHT COPPER BRAZING-JOINT TYPE FITTINGS, USE BRAZING MATERIALS FOR HIGH PRESSURE PIPING PER AWS A5.8: BCuP SERIES COPPER-PHOSPHORUS ALLOY OR BAg1 SILVER ALLOY. REFRIGERANT LINES SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS. SOFT COPPER TYPE "M" SHALL BE ALLOWED FOR RISER PIPING INSIDE CHASE TO LIMIT NUMBER OF JOINTS. COORDINATE WITH ENGINEER FOR PRIOR APPROVAL. ALL EXPOSED INSULATION SHALL BE PROTECTED WITH UV RESISTANT PAINT OR ALUMIN. SHIELD.

- 15. ARMAFLEX INSULATION SHALL BE USED FOR SUCTION LINES (1/2" FOR ABOVE 40° F AND 1" FOR BELOW 40° F) PER FLORIDA ENERGY CODE TABLE 4-11 FOR PIPING INSULATION. FILTER/DRYER AND SIGHT GLASS SHALL BE PROVIDED AT LIQUID LINES.
- 16. ALL BRANCH TAKE-OFFS TO BE PROVIDED W/ MANUAL VOLUME DAMPERS. PROVIDE RADIUS ELBOWS WHERE FEASIBLE, SQUARE ELBOWS AND TEE'S SHALL BE FURNISHED W/SINGLE FOIL TURNING VANES. PROVIDE MANUAL VOLUME DAMPERS WITH EXTRACTOR AT ALL FLEX TAKE-OFFS. PROVIDE REMOTE, CABLE OPERATED VOLUME DAMPERS IN INACCESIBLE AND HARD CEILING AREAS, "YOUNG REGULATOR" OR EQUAL.
- 17. PROVIDE NEW FILTERS FOR ALL AIR CONDITIONING EQUIPMENT BEFORE START-UP, REPLACE PRIOR TO FINAL ACCEPTANCE BY OWNER.
- 18. PROVIDE SMOKE DETECTORS WITH SERVICE ACCESS DOORS IN ALL SUPPLY AIR DUCTS FOR FANS AND AHU'S SERVING A COMMON PLENUM OF 2000 CFM OR ABOVE. FOR SMOKE DETECTORS NOT VISIBLE, IN CONCEALED SPACES, PROVIDE REMOTE ANNUNCIATION/TEST STATION AS REQUIRED BY AUTHORITY HAVING JURISDICTION, COORDINATE PRIOR TO INSTALLATION. DETECTORS SHALL BE BY ONE MANUFACTURER, COORDINATE VOLTAGE ETC. WITH ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM BEFORE ORDERING. UPON DETECTION, SMOKE DETECTORS SHUT DOWN ASSOCIATED AIR MOVING EQUIPMENT AND ALL AIR MOVING EQUIPMENT SERVING THAT COMMON PLENUM.
- 19. PROVIDE TYPE "B" DYNAMIC FIRE DAMPERS WITH SERVICE ACCESS DOORS IN ALL DUCTS AND OPENINGS PENETRATING FIRE RATED WALLS, MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, TENANT SEPARATION, PARTITIONS, FLOOR OR ROOF SLABS AND AT OUTSIDE AIR INTAKES AS REQUIRED. PROVIDE RADIATION DAMPERS IN RATED CEILINGS FOR ALL CEILING OPENINGS, CEILING FANS, DIFFUSERS OR GRILLES RATED FOR USE IN THE CEILING ASSEMBLY. PROVIDE LOW-LEAKAGE CLASS DAMPERS FOR ALL SITUATIONS WHERE THE AIRFLOW CFM HAS TO BE CONTROLLED. VERIFY AND REPLACE AS REQUIRED FOR EXISTING SYSTEMS.
- 20. HVAC CONTRACTOR SHALL PROVIDE A T & B REPORT PER F.B.C. 2007, CH. 13, 410.1.ABCD.4 (THE T & B REPORT SHALL BE INDEPENDENT FOR SYSTEMS OVER 15 TONS) FOR ALL MECHANICAL EQUIPMENT, AIR DEVICES, DAMPERS, AHU'S AND FANS. THE TEST AND BALANCE REPORT SHALL BE IN ACCORDANCE WITH THE AIR BALANCE COUNCIL STANDARDS AND SHALL INCLUDE AIR QUANTITIES FOR ALL SUPPLY GRILLES, RETURN GRILLES AND EXHAUST GRILLES AND THE LEAVING AND ENTERING AIR TEMPERATURE ('F) FROM SUPPLY GRILLES AND EVAPORATORS. FOR (EXISTING) SMOKE EVACUATION SYSTEMS HVAC CONTRACTOR SHALL PROVIDE A T & B REPORT PRIOR TO ANY NEW WORK, PROVING THAT THE SMOKE EVACUATION SYSTEM PERFORMS PER ORIGINAL DESIGN DOCUMENTS AND IS COMPLIANT WITH LOCAL CODE REQUIREMENTS.
- 21. RUN INSULATED FIRE RATED CONDENSATE DRAINS AS REQUIRED.
- 22. ALL INSULATION WILL HAVE FIRE/SMOKE RATING LESS THAN 25/50.
- 23. MECHANICAL EQUIPMENT ON ROOF OR ELEVATED STRUCTURES SHALL COMPLY WITH FBC 2007 PAR. 306.5 IF INSTALLED HIGHER THAN 16 FEET A.F.F. MECHANICAL EQUIPMENT INSTALLED IN ATTICS SHALL MEET THE REQUIREMENTS OF FBC 2007 PAR. 306.3 IF THE EQUIPMENT CAN NOT BE SERVICED/REMOVED THROUGH REQUIRED OPENING. MECHANICAL EQUIPMENT SHALL BE PROTECTED WITH MECHANICAL BARRIERS IF EXPOSED TO MECH. DAMAGE. ALL EQUIPMENT SHALL BE INSTALLED ON 6" CONCRETE PAD AT GRADE LEVEL

SPECIAL NOTE ALL WIND LOAD AND OTHER COMPLIANCE CALCULATIONS AND/OR INSTALLATION DETAILS FOR ROOF MOUNTED EQUIPMENT AS REQUIRED BY FBC 2007, SEC. 1509, 1522 AND CHAPTER 16, SHALL BE PROVIDED BY STRUCTURAL ENGINEER/ARCHITECT.

- 24. PROVIDE A MIN. OF 36" CLEARANCE IN FRONT OF ALL 120-208 VOLT PANELS AND MIN. 42" CLEARANCE IN FRONT OF ANY 240-480 VOLT PANEL. PROVIDE ADEQUATE SIDE CLEARANCE
- 25. MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING, ELECTRICAL, FIRE SPRINKLER, AND STRUCTURAL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS. DUCT AND PIPING OFFSETS, BENDS AND TRANSITIONS SHALL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CHANGES IN DUCTWORK SIZE AND ROUTE WILL BE REQUIRED TO AVOID STRUCTURAL, PLUMBING, FIRE SPRINKLER AND ARCHITECTURAL BUILDING FEATURES. DUCTWORK CHANGES MAY BE MADE BY CONTRACTOR USING EQUIVALENT SIZED DUCT. CONTACT ENGINEER IF DUCT AREA WILL NOT FIT.
- 26. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BIDDING, ORDERING, FABRICATION OR INSTALLATION OF MATERIALS OR EQUIPMENT, IN ORDER TO PROVIDE A FULLY INTEGRATED MECHANICAL AND CONTROLS SYSTEMS WITH THE EXISTING ONES. ANY DISCREPANCY BETWEEN EXISTING CONDITIONS AND PLANS, OR ADDITIONAL CLARIFICATION REQ'D SHALL BE BROUGHT TO THE ATTENTION OF ENGINEER PRIOR TO FINAL BIDDING AND WORK.
- 27. NO COMBUSTIBLE MATERIALS ARE ALLOWED IN RETURN AIR PLENUMS OR ABOVE CEILINGS USED AS RETURN AIR PLENUM. IF SPACE WITH RETURN AIR PLENUM HAS ANY DECK TO DECK PARTITIONS, AIR TRANSFER DUCTS MUST BE INSTALLED. WHEN CPVC PIPING IS USED FOR FIRE SPRINKLER SYSTEMS, THE R/A GRILLES LAYOUT SHALL BE (FIELD) COORDINATED WITH SUCH PIPING SO THAT NO PORTION OF THE GRILLES WILL BE DIRECTLY BELOW THE CPVC PIPING.
- 28. CONDENSATE DRAIN PIPING TO BE AS SPECIFIED PER PLUMBING PLANS, IF NOT SPECIFIED TO BE TYPE "L" COPPER OR PVC WHERE ALLOWED BY CODE WITH 1/2" ARMAFLEX INSULATION. PROVIDE APPROVED WATER LEVEL DETECTOR OR FLOAT SWITCH TO AUTOMATICALLY SHUT DOWN THE AIR COND. UNIT, AS A SECONDARY DRAIN SYSTEM TO COMPLY WITH FMC 2007, SEC. 307 SUPPLY CONDENSATE PUMP WHERE NECESSARY AS IMPOSED BY FIELD CONDITIONS OR INSTALLATION CHANGES AND PIPE TO CONDENSATE DRAIN PER PLUMBING PLANS.
- 29. MANUFACTURER'S WARRANTY: CONTRACTOR SHALL PROVIDE WARRANTY FOR A PERIOD OF (1) ONE YEAR AFTER BUILDING C.O. FOR ALL MECHANICAL SYSTEMS, DUCTWORK, CONTROLS ACCESSORIES AND ALL OTHER EQUIPMENT, PARTS AND LABOR UNDER THESE DRAWINGS AND AND SPECIFICATIONS. CONTRACTOR SHALL PROVIDE WARRANTY FOR COMPRESSORS FOR (5) FIVE YEARS. ANY REPAIRS REQUIRING SYSTEM SHUTDOWN WILL BE DONE DURING NON-OPERATIONAL PERIODS OR AS AGREED WITH OWNER.
- 30. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS.
- 31. CHILLED WATER PIPING SHALL BE ALL WELDED BLACK STEEL SCH.40 FOR PRIMARY PIPING AND TYPE " COPPER FOR TRANSITION TO UNITS WITH 2 LB. DENSITY INSULATION, CLOSED CELL FOAMGLASS.

MECHANICAL SHEET INDEX	
SHEET.	DESCRIPTION
M0.1	MECHANICAL NOTES, LEGEND & CALCS
M2.1	PARTIAL MECHANICAL FLOOR PLAN
M2.1.1	PARTIAL MECHANICAL FLOOR PLAN

### MECHANICAL LEGEND

SUPPLY AIR CEILING DIFFUSER SUPPLY AIR RETURN AIR RETURN AIR CEILING GRILLE DOOR UNDER CUT EXISTING SUPPLY DIFFUSER VOLUME CONTROL DAMPER MANUALLY OPERATED DAMPER EXISTING RETURN DIFFUSER SUPPLY AIR DIFFUSER OR GRILLE DESIGNATION MANUAL VOLUME CONTROL DAMPER DIFFUSER OR GRILLE DESIGNATION REDUCER OR INCREASER TAG - = **EQUIPMENT TAG** FLEX DUCT → AHU- AIR HANDLED UNIT → KSF- KITCHEN SUPPLY FAN ROUND UP → KEF- KITCHE EXHAUST FAN TEF- TOILET EXHAUST FAN SHOE TAP DAMPER CEILING OR INLINE EXHAUST FAN **THERMOSTAT HUMIDISTAT** 

#### NOT ALL SYMBOLS MAY APPLY TO THESE PLANS

#### **HVAC ABBREVIATION LEGEND**

AIR CONDITIONING MCA MINIMUM CIRCUIT AMPS (FOR WIRE SIZING) AFF ABOVE FINISH FLOOR MANUALLY OPERATED DAMPER BACK DRAFT DAMPER MAXIMUM OVERCURRENT PROTECTION DEVICE AMPS CD CONDENSATE DRAIN NOISE CRITERIA COEFFICIENT OF PERFORMANCE COP 0/A OUTSIDE AIR DRY BULB OBD OPOSITE BLADE DAMPER DIA. DIAMETER PRESSURE DROP. EXISTING TO REMAIN EXISTING TO BE RELOCATED EER ENERGY EFFICIENCY RATIO R/A RETURN AIR EDH ELECTRIC DUCT HEATER EXHAUST FAN SEER STANDARD ENERGY EFFICIENCY RATIO EXTERNAL STATIC PRESSURE ESP **TSP** TOTAL STATIC PRESSURE FILTER VOLUME CONTROL DAMPER FD FIRE DAMPER VARIABLE FRECUENCY DRIVE FLA FULL LOAD AMPS. WET BULB FLOW MEASURING STATION

NOTE: NOT ALL SYMBOLS MAY APPLY TO THESE PLAN.

NOTE: EXISTING AIR CONDITIONED BUILDING, ENERGY CALCULATIONS NOT REQUIRED PER FLORIDA ENERGY CODE 101.5.1.

INTEGRATED PART-LOAD VALUE.

PRIOR TO CONSTRUCTION HVAC CONTRACTOR SHALL PROVIDE A T & B REPORT OF THE EXISTING HVAC SYSTEMS RELATING ONLY TO THE RENOVATED AREAS WITHIN THIS SCOPE OF WORK,

**GENERAL NOTE** 

ISSUED FOR PERMIT KAMM CONSULTING PROJECT #: PROJECT MANAGER: JOHN MAYR 405 VCENS617 PRINCIPAL Bradly L Brown Florida License #58232 STATE OF ACIDATE S

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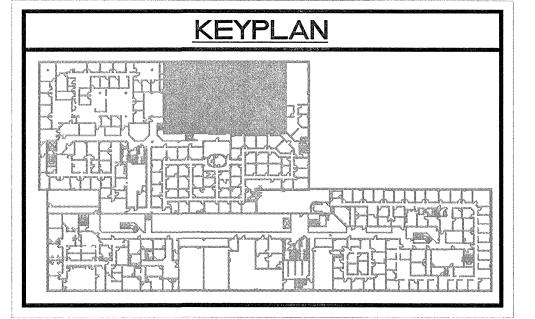


#### **KEY NOTES**

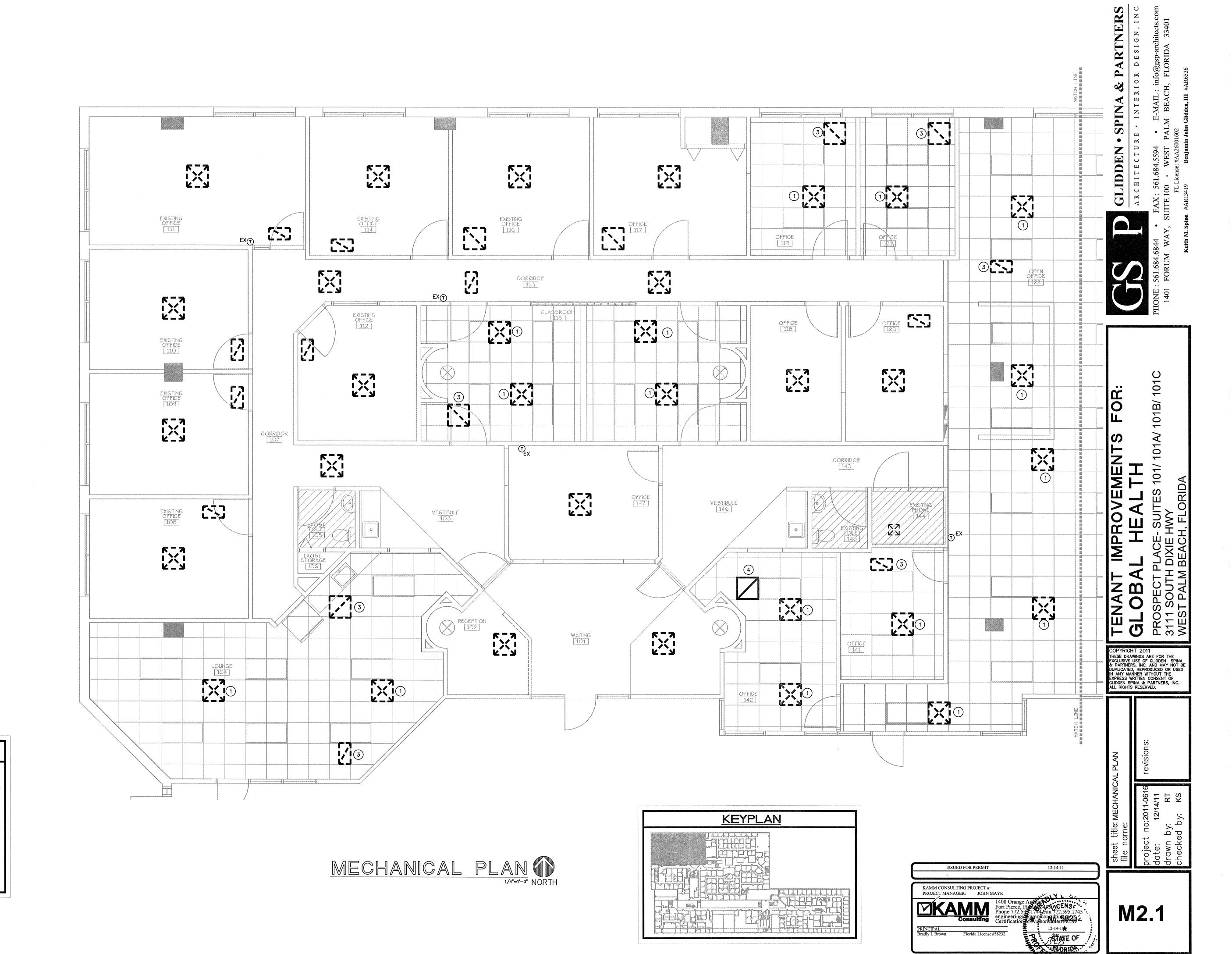
- 1 RELOCATE EXISTING GRILLE, COORDINATE LOCATION WITH NEW CEILING GRID. EXTEND DUCTWORK AS REQUIRED.
- PROVIDE NEW JUMP DUCT (12X8) AND GRILLE, COORDINATE LOCATION WITH NEW CEILING GRID. NEW GRILLE TO BE TITUS "23RL" OR EQUAL, NEW GRILLE SHALL MATCH BUILDING STANDARD.
- RELOCATE EXISTING RETURN GRILLE COORDINATE LOCATION WITH NEW CEILING GRID.
- PROVIDE RETURN AIR GRILLE, COORDINATE LOCATION
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- CONTRACTOR TO COORDINATE ALL DIFFUSER LOCATIONS WITH NEW CEILING GRID LAYOUT. EXTENSION OF FLEX DUCT MAY BE REQUIRED.

EXISTING DIFFUSERS TO REMAIN. SHIFT AS REQUIRED TO ALIGN WITH NEW CEILING GRID LAYOUT.

MECHANICAL PLAN







#### **KEY NOTES**

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