

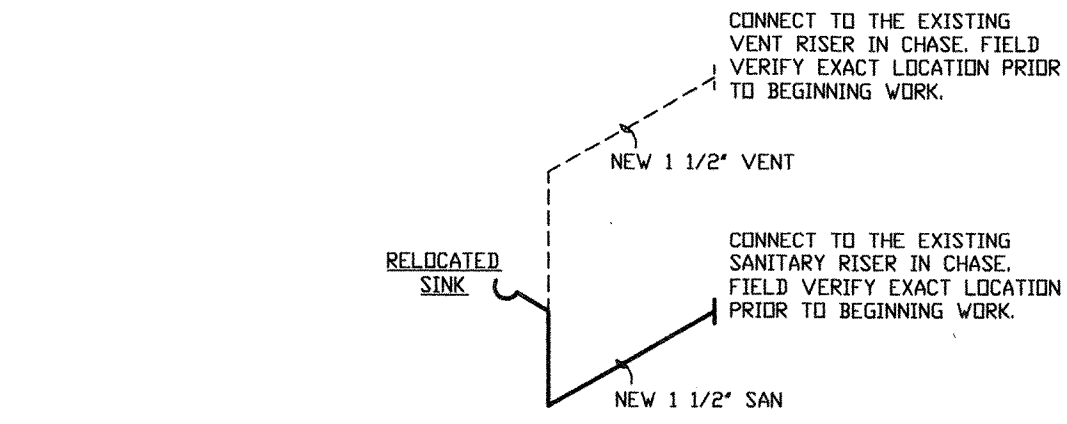
PLUMBING NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
2. PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
3. ALL MATERIALS SHALL BE NEW.
4. REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
5. PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS, PLUMBING CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT, PLUMBING CONTRACTOR MUST BE PRESENT FOR ALL INSPECTIONS OF HIS WORK BY REGULATORY AUTHORITIES.
6. DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING AND EQUIPMENT.
7. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
8. VERIFY LOCATION, SIZE, DIRECTION OF FLOW AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
9. ABOVE GRADE DOMESTIC WATER PIPE SHALL BE TYPE "L" HARD DRAWN COPPER WITH CAST BRASS OR WROUGHT COPPER FITTINGS & NO LEAD SOLDER.
10. SOIL, WASTE, & VENT PIPING SHALL BE HUBLESS CAST IRON.
11. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS.
12. ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PAD.
13. PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. 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.
14. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.

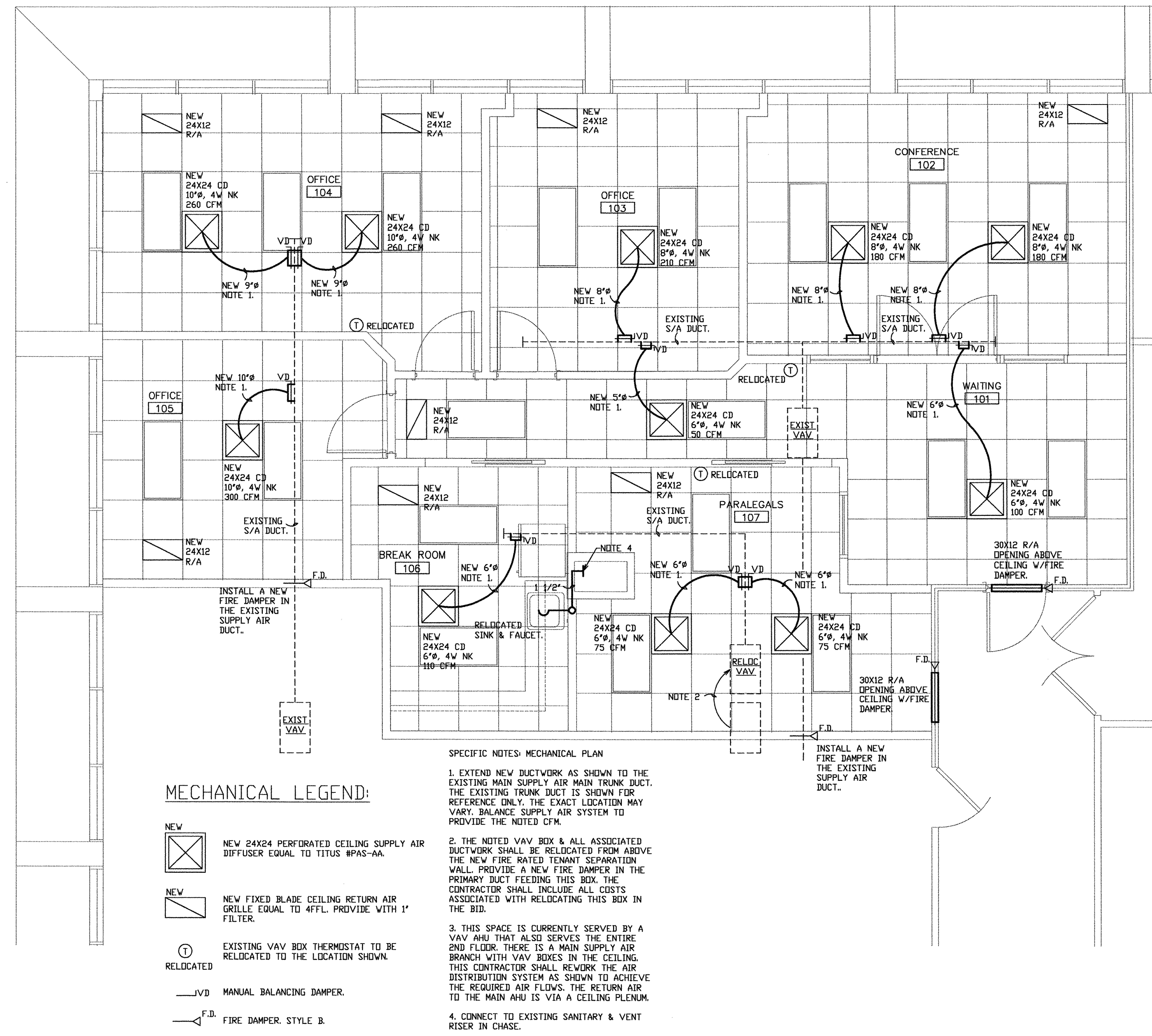
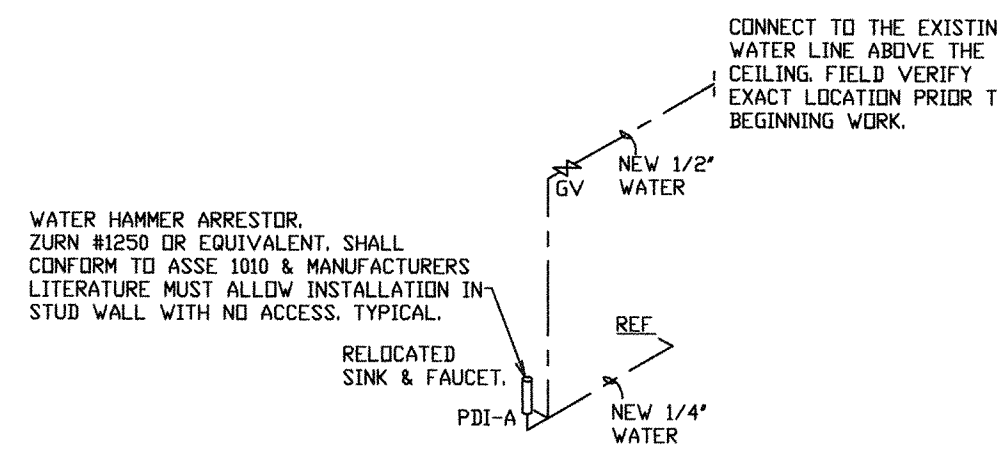
GENERAL HVAC NOTES

1. VISIT THE SITE PRIOR TO SUBMITTING A BID. DETERMINE THE CHARACTERISTICS OF EXISTING FACILITIES WHICH WILL AFFECT PERFORMANCE OF THE WORK, BUT WHICH ARE NOT SHOWN ON THE DRAWINGS.
2. PROVIDE ALL LABOR PERMITS, MATERIAL, TOOLS, SUPPLIES, EQUIPMENT TO INSTALL A COMPLETE AND OPERATING AIR CONDITIONING SYSTEM. INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL CODES.
3. PAY ALL COSTS OF PERMIT INSPECTIONS AND ALL OTHER COSTS INCIDENTAL TO THE COMPLETION AND TESTING OF THIS WORK.
4. CONTRACTOR SHALL SUBMIT, FOR APPROVAL FIVE (5) COPIES OF MANUFACTURERS DRAWINGS FOR EACH PIECE OF EQUIPMENT AND CONTROLS INCLUDED IN CONTRACT.
5. ALL CONDITIONED AIR DUCTWORK SHALL BE FIBERGLASS, R=4.2 MIN. ALL EXHAUST AIR DUCTWORK SHALL BE GALVANIZED STEEL.
6. THE CONTRACTOR SHALL FURNISH A WRITTEN WARRANTY THAT SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ARCHITECT. ANY BREAK-DOWN OCCURRING IN THE FIRST YEAR SHALL BE REPAIRED AT NO COST TO THE OWNER. A/C COMPRESSORS SHALL HAVE A 5 YEAR GUARANTEE.
7. PROVIDE & INSTALL ALL CONTACTORS, RELAYS, AND CONTROLS.
8. THE DESIGN & INSTALLATION OF THE MECHANICAL SYSTEMS & ALL APPURTENANCES SHALL COMPLY STRICTLY WITH THE APPLICABLE PROVISIONS OF THE FLORIDA BUILDING MECHANICAL CODE & THE LOCAL AMENDMENTS TO THE FLORIDA BUILDING MECHANICAL CODE.
9. COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH LIGHTS AND ARCHITECTURAL ELEMENTS.
10. COORDINATE LOCATION OF AHU'S, THERMOSTATS, FANS AND DUCTWORK WITH BUILDING STRUCTURE AND OTHER TRADES SO THAT NO INTERFERENCES OCCUR.
11. MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING, ELECTRICAL AND STRUCTURAL PLANS. DUCT BENDS AND TRANSITIONS WILL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

SANITARY ISOMETRIC DIAGRAM



WATER ISOMETRIC DIAGRAM



MECHANICAL LEGEND:

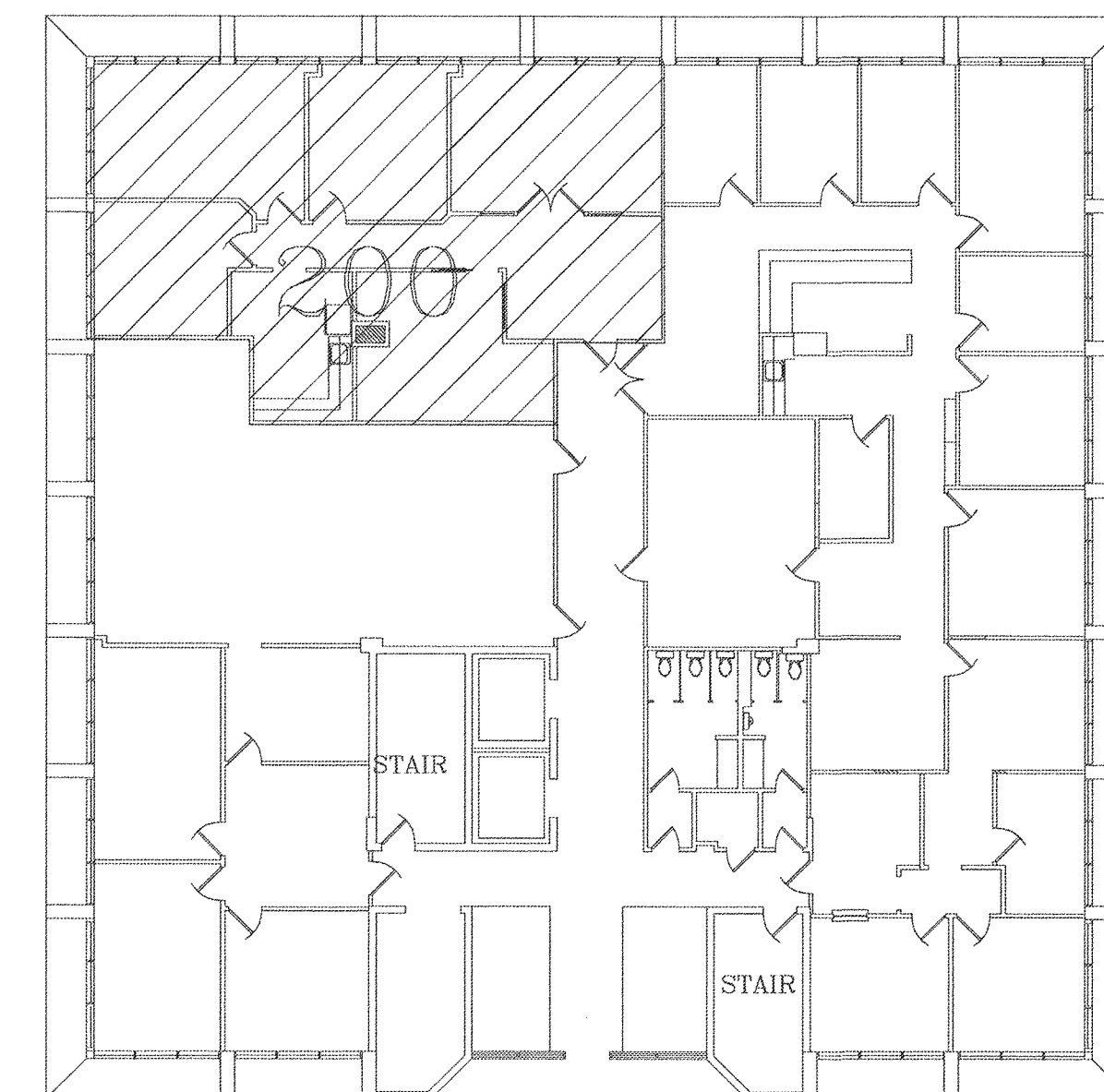
- NEW 24X24 PERFORATED CEILING SUPPLY AIR DIFFUSER EQUAL TO TITUS #PAS-AA.
- NEW FIXED BLADE CEILING RETURN AIR GRILLE EQUAL TO AFFL. PROVIDE WITH 1" FILTERS.
- EXISTING VAV BOX THERMOSTAT TO BE RELOCATED TO THE LOCATION SHOWN.
- M.B.D. MANUAL BALANCING DAMPER.
- F.D. FIRE DAMPER, STYLE B.

SPECIFIC NOTES: MECHANICAL PLAN

1. EXTEND NEW DUCTWORK AS SHOWN TO THE EXISTING MAIN SUPPLY AIR MAIN TRUNK DUCT. THE EXISTING TRUNK DUCT IS SHOWN FOR REFERENCE ONLY. THE EXACT LOCATION MAY VARY. BALANCE SUPPLY AIR SYSTEM TO PROVIDE THE NOTED CFM.
2. THE NOTED VAV BOX & ALL ASSOCIATED DUCTWORK SHALL BE RELOCATED FROM ABOVE THE NEW FIRE RATED TENANT SEPARATION WALL. PROVIDE A NEW FIRE DAMPER IN THE PRIMARY DUCT FEEDING THIS BOX. THE CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH RELOCATING THIS BOX IN THE BID.
3. THIS SPACE IS CURRENTLY SERVED BY A VAV AHU THAT ALSO SERVES THE ENTIRE 2ND FLOOR. THERE IS A MAIN SUPPLY AIR BRANCH WITH VAV BOXES IN THE CEILING. THIS CONTRACTOR SHALL REWORK THE AIR DISTRIBUTION SYSTEM AS SHOWN TO ACHIEVE THE REQUIRED AIR FLOWS. THE RETURN AIR TO THE MAIN AHU IS VIA A CEILING PLENUM.
4. CONNECT TO EXISTING SANITARY & VENT RISER IN CHASE.

MECHANICAL PLAN

1/4" = 1'-0"



2ND FLOOR KEY PLAN

1/16" = 1'-0"



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PROPOSED TENANT RENOVATION FOR
WARREN & GRANT, P.L.
4440 PGA BLVD. SUITE 200, PALM BEACH GARDENS, FLA
MECHANICAL PLAN
1/4" = 1'-0"

DATE: 9/20/12
DRAWN BY: DRJ
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