

GENERAL NOTES

1. 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.
6. CONTRACTOR SHALL MAKE NO CHANGES OR SUBSTITUTIONS WITHOUT WRITTEN APPROVAL BY ADDENDUM FROM THE ARCHITECT.
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 MANAGER'S 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.
8. REPLIES TO ALL REQUESTS FOR CLARIFICATION WILL BE ISSUED TO ALL PRIME BIDDERS, AS ADDENDA TO THE CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS), AND WILL BECOME PART OF THE CONTRACT. ORAL CLARIFICATION WILL NOT BE INCLUDED AS PART OF THE CONTRACT DOCUMENTS.
9. ALL WORK SHALL CONFORM TO THE LATEST REQUIREMENTS OF APPLICABLE LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
10. CONTRACT FOR CONSTRUCTION SHALL BE AIA DOCUMENT A101, STANDARD FORM FOR AGREEMENT BETWEEN OWNER AND CONTRACTOR, SUPPLEMENTED BY AIA - 1997 EDITION AND SHALL INCORPORATE THE 1997 EDITION OF DOCUMENT A201, GENERAL CONDITIONS, UNLESS OTHERWISE AGREED UPON BY THE OWNER AND THE GENERAL CONTRACTOR.
11. GENERAL CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE TO THE ARCHITECT AND OWNER FOR REVIEW PRIOR TO COMMENCING WORK.
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 NOT LIMITED TO PERMIT FEES AND ALL SUBCONTRACTOR PERMIT FEES.
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 PROVIDE A COMPLETE JOB.
16. 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.
17. 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 SPACES. THE METHODS EMPLOYED SHALL COMPLY WITH THE INDOOR AIR QUALITY (IAQ) GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION 1ST EDITION PUBLISHED BY SMOGNA. QUALITY CONTROL METHODS USED TO MONITOR AIR QUALITY, I.E. TESTING SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
18. GENERAL CONTRACTOR SHALL, ON A MONTHLY BASIS, PROVIDE A CERTIFIED LETTER TO THE OWNER THAT NO PROJECT RELATED POLLUTANTS HAVE ENTERED THE STORM WATER SYSTEM OR MIGRATED OFFSITE FOR THE REQUIREMENTS OF THE LOCAL JURISDICTION.
19. GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND PRODUCT DATA TO THE ARCHITECT FOR REVIEW AND COMMENTS. SHOP DRAWINGS SHALL BE PRESENTED IN A CLEAR 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 DOES 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 ARCHITECT'S 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.
20. 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. NEITHER THEIR CONSULTANTS OR THE OWNER ARE NOT RESPONSIBLE FOR ANY CORRECTIVE CONSTRUCTION RESULTING FROM SHOP DRAWINGS THAT DEVIATE FROM THE CONTRACT DOCUMENTS.
21. GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT COPY OF ALL CONTRACT DOCUMENTS AT JOB SITE FOR ARCHITECT'S USE.
22. UPON COMPLETION OF THE WORK SPECIFIED IN 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.
23. CONTRACTOR SHALL DELIVER TO OWNER PRIOR TO FINAL PAYMENT ALL GUARANTEES, WARRANTIES AND TWO COPIES OF ALL MANUALS AND OPERATING INSTRUCTIONS AND ARRANGE TO GIVE PHYSICAL DEMONSTRATION OF ALL EQUIPMENT TO OWNER OR HIS REPRESENTATIVE.
24. 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.
25. ALL NEW CONSTRUCTION MUST MEET FEDERAL AND STATE ACCESSIBILITY REQUIREMENTS.
26. MATERIAL OR SYSTEMS SHALL BE INSTALLED ACCORDING TO EXACT MANUFACTURER'S INSTALLATION INSTRUCTIONS.
27. 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.
28. DELIVERY AND STORAGE OF ALL MATERIAL SHALL BE ACCEPTABLE TO MANUFACTURER'S PRODUCT, REVIEW BY THE ARCHITECT AND SHALL PROVIDE COMPLETE PROTECTION OF PRODUCT.
29. GENERAL CONTRACTOR SHALL COORDINATE DIRECTLY WITH OWNER/TENANT ALL WORK BY 'OWNER' OR 'TENANT' AS INDICATED ON PLANS AND ANY ATTACHED SPECIFICATIONS.
30. GENERAL CONTRACTOR SHALL VERIFY FINAL SELECTION OF ALL FINISHES WITH ARCHITECT AND OWNER/TENANT. SUBMIT SAMPLES FOR REVIEW.
31. TEMPORARY FIRE EXTINGUISHERS SHALL BE PROVIDED BY GENERAL CONTRACTOR AND LOCATED AS REQUIRED BY CODE DURING CONSTRUCTION.
32. CONCRETE SLABS SHALL BE LEVELLED AND PREPARED TO RECEIVE FLOOR FINISH PER FINISH SCHEDULE.
33. WHEREVER DISSIMILAR METALS CONTACT EACH OTHER, AND ARE SEPARATED FURTHER ON THE BELOW SCALE THAN BY A SINGLE INTERMEDIATE METAL, THE CONTACTING SURFACES SHALL BE INSULATED FROM EACH OTHER BY A BITUMINOUS COATING, 1/8" 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.
34. GENERAL CONTRACTOR SHALL COORDINATE AND INSTALL ALL NECESSARY BACKING SUPPORTS FOR CABINETRY, SHELVING, TOILET ACCESSORIES, PLUMBING/LIGHTING FIXTURES, ETC.
35. ALL WOOD FRAMING AND BLOCKING LOCATED WITHIN CONCEALED SPACES, SUCH AS PARTITIONS ABOVE CEILINGS, ETC., SHALL BE FIRE RETARDANT.
36. ALL GYPSUM BOARD SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE UNITED STATES GYPSUM GYPSUM CONSTRUCTION HANDBOOK.
37. ALL GYPSUM BOARD SHALL RECEIVE A SLICK FINISH LEVEL 4, SMOOTH TEXTURE, UNLESS OTHERWISE NOTED.
38. 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.
39. 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.
40. 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.
41. 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.
42. ALL REQUIRED EXITS SHALL BE MAINTAINED DURING CONSTRUCTION.
43. PRIOR TO FINAL COMPLETION, CONTRACTOR SHALL THOROUGHLY CLEAN ALL SURFACES.
44. GENERAL CONTRACTOR SHALL PROVIDE INTERIOR AND EXTERIOR CODE COMPLIANT SIGNAGE.
45. STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION OPERATIONS SHALL COMPLY WITH NFPA 241.

Tenant Improvements for: PERLET & SHINER, P.A. Attorneys at Law SUITE 701 EXPANSION

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SCOPE OF WORK

THE SCOPE OF THE PROJECT INVOLVES THE EXPANSION OF THE SUITE 701 OF 765 SQUARE FEET.

INDEX OF DRAWINGS

| | |
|----------------------|---|
| CS | COVER SHEET |
| ARCHITECTURAL | |
| LS-D-1.0 | DEMOLITION FLOOR PLAN AND LIFE SAFETY PLAN |
| A-1.0 | FLOOR PLAN, DIMENSIONAL PLAN AND DOOR SCHEDULE |
| A-1.1 | REFLECTED CEILING PLAN AN INTERIOR ELEVATIONS AND CABINET DETAILS |
| A-1.2 | FINISH FLOOR PLAN AND FURNITURE & EQUIPMENT PLAN |
| A-2.0 | DETAILS |
| MECHANICAL | |
| M1.00 | MECHANICAL DEMO PLAN |
| M1.01 | MECHANICAL PLAN |
| ELECTRICAL | |
| E1.01 | POWER AND LIGHTING PLAN |

CODE RESEARCH

-2007 FLORIDA BUILDING CODE / WITH 2009 REVISIONS/ SUPPLEMENTS
-FLORIDA ACCESSIBILITY CODE
-NFPA 101, LIFE SAFETY CODE 2005 EDITION
-NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS
-2006 NFPA-70 2005 EDITION - NATIONAL ELECTRIC CODE
-2002 NFPA-72 2002 EDITION
-2002 NFPA-13 2002 EDITION

CLASSIFICATION OF WORK:
2007 FLORIDA EXISTING BUILDING CODE W/ 2009 AMENDMENTS
SECTION 404 - ALTERATION - LEVEL II

OCCUPANCY:
CLASSIFICATION (TYPE) GROUP B (BUSINESS)
LOAD (SEE OCCUPANT LOAD CALCULATION ON LS-1)
SUITE 701 - 26 PERSONS
CONSTRUCTION TYPE I-A (SPRINKLERED)

OCCUPANT FINISHES:
FBC TABLE B03.5 - FOR TYPE 'B' OCCUPANCY, FULLY SPRINKLERED,
CLASS 'C' IS ALLOWABLE. NFPA 101 SEC. 10.2.8.1 & 39.3.3.21 &
TABLE A10.2.2
ALL INTERIOR FINISHES SHALL BE CLASS A OR B
ALL FLOORING MATERIAL SHALL BE CLASS I OR II

THE BUILDING HAS EXISTING AUTOMATIC FIRE SPRINKLER SYSTEM
G.C. TO SUBMIT FOR SEPARATE PERMIT FOR ANY CHANGES TO
EXISTING FIRE SPRINKLER SYSTEM AND FIRE ALARM SYSTEM.

FIRE DEPARTMENT SHALL BE NOTIFIED PRIOR TO SHUTTING DOWN ANY FIRE PROTECTION SYSTEM
AND NOTIFIED AGAIN WHEN SYSTEM IS RETURNED TO NORMAL OPERATION.

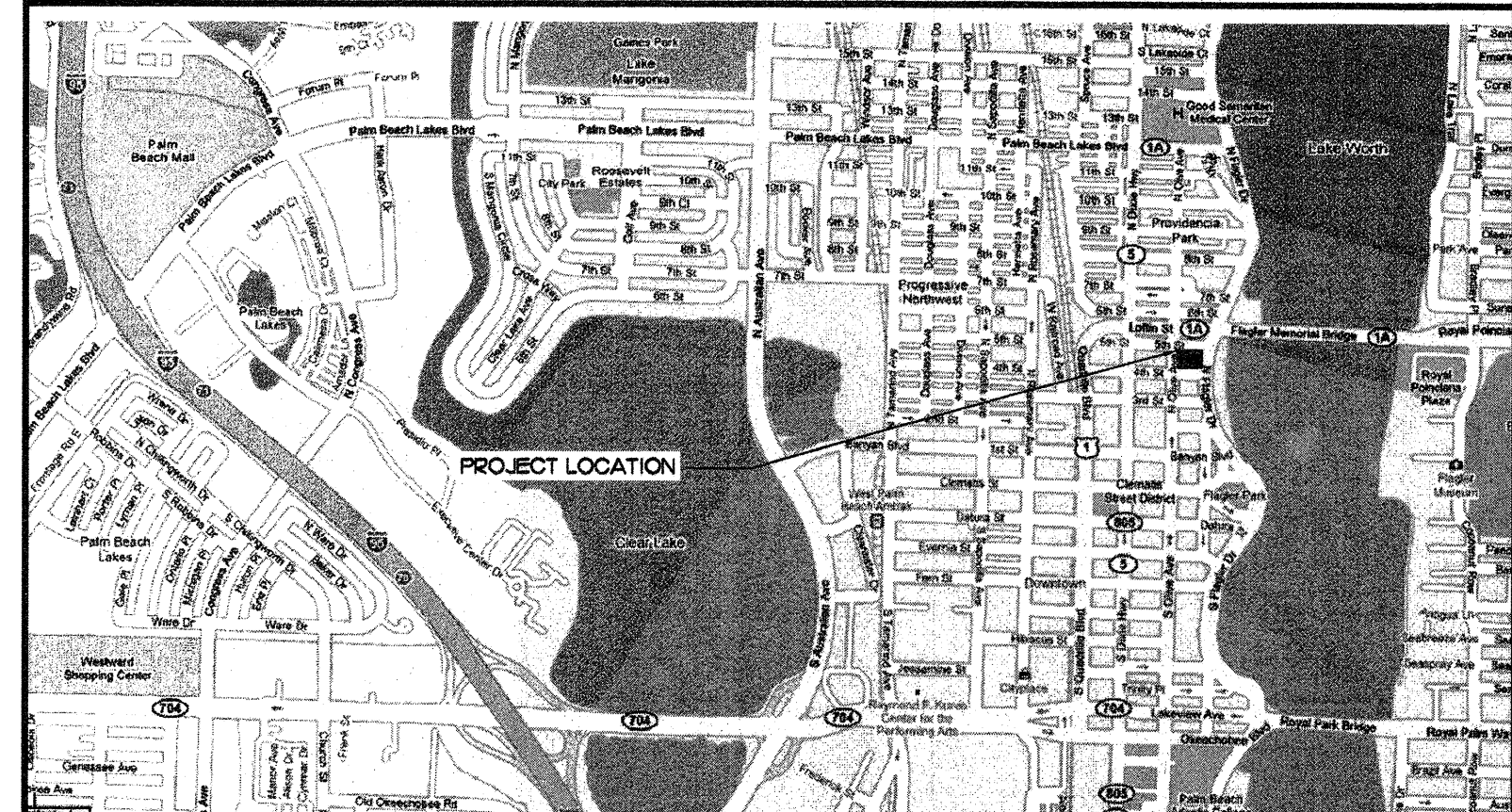
ALL EXIT REQUIREMENTS SHALL BE MAINTAINED DURING CONSTRUCTION.

N.O.C. SHALL BE FILED WITH THE CLERK OF THE COURT. IF THE WORK DESCRIBED IN THE N.O.C. IS NOT
ACTUALLY COMMENCED WITHIN 90 DAYS, SUCH NOTICE SHALL BE NULL AND VOID. POST N.O.C. ON THE
CONSTRUCTION SITE BEFORE FINAL INSPECTION.

EXISTING FIRE PROTECTION SYSTEM SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING
ALTERATION.

FIRE SPRINKLER SHOP DRAWINGS MUST BE SUBMITTED TO ARCHITECT. ALL PIPES SHALL REROUTED
AROUND HEAT PUMPS. THEY SHALL NOT PASS OVER OR UNDER THE HEAT PUMPS.

LOCATION MAP



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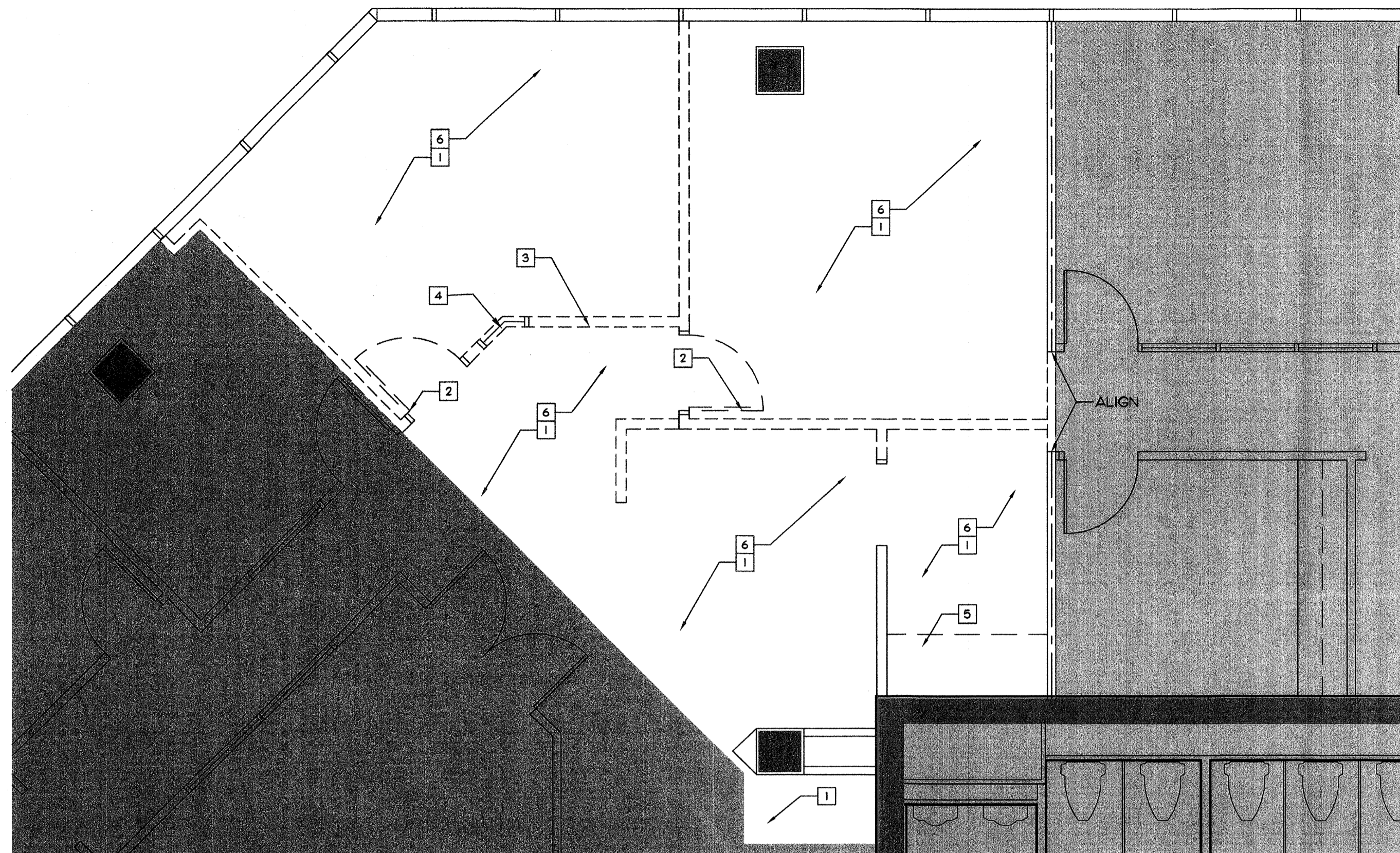
TENANT IMPROVEMENTS FOR:
SUITE 701 EXPANSION
NORTH BRIDGE CENTER
515 N. FLAGLER DRIVE
WEST PALM BEACH, FLORIDA

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sheet title: cover sheet
file name:
project no: 10222
date: 11/03/10
drawn by: CP
checked by: KS
revisions:

CS



1 DEMOLITION FLOOR PLAN
SCALE 1/4" = 1'-0"

WALL LEGEND

- EXISTING EXTERIOR GLASS WALL
- NEW PARTITION SEE DETAIL 4/A-20
- NEW 1-HR RATED DEMISING WALL - SEE DETAIL 6/A-20
- EXISTING PARTITION TO REMAIN-GC TO PATCH AND REPAIRS WALLS TO RECEIVE PAINT OR WALLCOVERING
- EXISTING CONCRETE WALL TO REMAIN

DEMOLITION GENERAL NOTES

1. CONTRACTOR SHALL SUBMIT TO THE ARCHITECT ANY AND ALL DISCREPANCIES IN THE PROPOSED DEMOLITION PLAN PRIOR TO EXECUTION OF THE ITEMS IN QUESTION.
2. DEMOLITION SHALL INCLUDE:
 - A. REMOVAL OF EXISTING WALLS, DOORS AND FRAMES AS SHOWN ON PLAN.
 - B. REMOVAL OF ALL EXISTING CEILINGS AND CEILING FIXTURES NOT SHOWN, BUT NOTED.
 - C. REMOVAL OF EXISTING FLOOR FINISHES IN AREAS OF REMOVED WALLS AND AS NOTED.
 - D. REMOVAL OF ALL ELECTRICAL WIRING AND DEVICES AT ALL REMOVED WALLS AND CEILINGS. ALL WIRING, DEVICES, CONDUIT, AND EQUIPMENT TO BE ABANDONED SHALL BE REMOVED.
 - E. FIRE SPRINKLER SYSTEM SHALL REMAIN IN DEMOLITION PHASE. FIRE SPRINKLER LAYOUT AND HEAD LOCATIONS WILL BE RELOCATED AS REQUIRED IN NEW CONSTRUCTION PHASE OF WORK. CARE SHALL BE TAKEN IN DEMOLITION PHASE TO PROTECT EXISTING HEADS AND PIPING TO KEEP SYSTEM IN OPERABLE CONDITION FOR FIRE PROTECTION.
3. CONTRACTOR SHALL REMOVE AND STOCKPILE REMOVED MATERIALS AS DIRECTED BY OWNER FOR BUILDING OWNER'S FUTURE USE.
4. ALL EXISTING WALLS TO REMAIN SHALL BE PATCHED AND PREPARED TO RECEIVE NEW FINISH.
5. GENERAL CONTRACTOR MAY NEED ADDITIONAL DIMENSIONS TO COMPLETE DEMOLITION ACCURATELY.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL AREAS NOT INCLUDED IN THIS WORK.
7. ALL WORK SHALL BE COORDINATED AND APPROVED BY BLDG. MGMT. PRIOR TO COMMENCEMENT.
8. PROTECT ALL WINDOW BLINDS (REMOVE AND BAG AND PLACE BACK IN ORIGINAL LOCATION FOR PROTECTION IN DEMO PROCESS).
9. CONTRACTOR TO COORDINATE WITH BUILDING MANAGEMENT FOR ANY DEMOLITION WORK THAT NEEDS TO BE PERFORMED "AFTER-HOURS".
10. PROTECT ELEVATOR SHAFT AT ALL ELEVATOR OPENINGS.
11. ALL EXISTING PIPING, CONDUIT, ELEC, ETC. THAT IS FOR THE TENANT BELOW OR ABOVE SHALL REMAIN AS EXISTING AND PROTECTED DURING DEMOLITION.

ELECTRICAL DEMO NOTES

1. REMOVE ALL EXISTING LIGHTING FIXTURES IN AREA TO BE DEMOLISHED, INCLUDING ALL ASSOCIATED BRANCH CIRCUIT WIRING (CONDUCTORS, CONDUITS, FIXTURE WHIPS AND SWITCH WIRING) NO LONGER IN USE. REUSE WIRING WHEREVER POSSIBLE. STOCKPILE EXISTING LIGHT FIXTURES FOR RE-USE, COORD. W/ BUILDING MANAGEMENT.
2. REMOVE ALL WIRING DEVICES IN EXISTING PARTITION WALL TO BE REMOVED, INCLUDING ALL BRANCH CIRCUIT WIRING (CONDUCTORS AND CONDUIT) NO LONGER IN USE.
3. ALL ELEVATOR CONTROLS, ELEVATOR LIGHTS, FIRE ALARM PULLS, SMOKE DETECTORS, FIRE ALARM STROBES, FIRE ALARM HORNS AND SPEAKERS SHALL BE PROTECTED AS REQUIRED AND SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
4. ALL LOW VOLTAGE PANELS AND ASSOCIATED TRANSFORMERS TO BE REMOVED FROM TENANT SPACES.
5. FIRE ALARM CONTRACTOR TO DISCONNECT DEVICES FROM PANEL, AS NEEDED. PLACE ITEMS IN A MARKED BOX AND GIVE IT TO BUILDING CHIEF ENGINEER.
6. NECESSARY EMERGENCY/LIFE SAFETY LIGHTING TO REMAIN.
7. EXIT SIGNS TO REMAIN AS NEEDED.
8. REMOVE FLOOR OUTLETS INCLUDING ANY RELATED ACCESSORIES AND CONDUITS ON FLOOR BELOW - PATCH HOLE TO MEET FIRE RATING.
9. ELECTRICAL ROOM AND MECHANICAL ROOM TO REMAIN.

MECHANICAL DEMO NOTES

1. CAREFULLY REMOVE ALL THERMOSTATS AND TEMPERATURE SENSORS AT WALLS TO BE DEMOLISHED AND RE-CONNECT TO MAINTAIN HEAT PUMPS OPERATIONAL.
2. ALL EXISTING HEAT PUMPS TO REMAIN OPERATIONAL AND IN TACKED (INCLUDING POWER, CONDENSATE, AND CONDENSER WATER PIPING, ETC).
3. ALL DUCT WORK AND GRILLS TO BE REMOVED.

DEMOLITION KEY NOTES

1. REMOVE EXISTING CEILING LIGHTING FIXTURES AND ALL RELATED ACCESSORIES IN AREA TO BE DEMOLISHED. SALVAGE LIGHT FIXTURES FOR RE-USE.
2. REMOVE EXISTING DOORS, FRAME, AND ALL RELATED ACCESSORIES. SALVAGE DOORS FOR POSSIBLE REUSE. COORDINATE WITH BUILDING MANAGEMENT FOR STORAGE.
3. REMOVE EXISTING METAL STUD PARTITION AS DESIGNATED ON WALL LEGEND. REMOVAL SHALL INCLUDE ANY AND ALL GYPSUM BOARD, BASE AND TRIM METAL STUDS, TOP AND BOTTOM RUNNERS AND ANY EXISTING BRACING AND BLOCKING THAT MAY BE PRESENT.
4. REMOVE INTERIOR WINDOW AND ALL RELATED ACCESSORIES.
5. REMOVE EXISTING BUILT-IN CABINETS AND ALL RELATED ACCESSORIES.
6. REMOVE ALL EXISTING FLOOR FINISH AND BASE.

MEANS OF EGRESS (CHAP. 10 FBC)

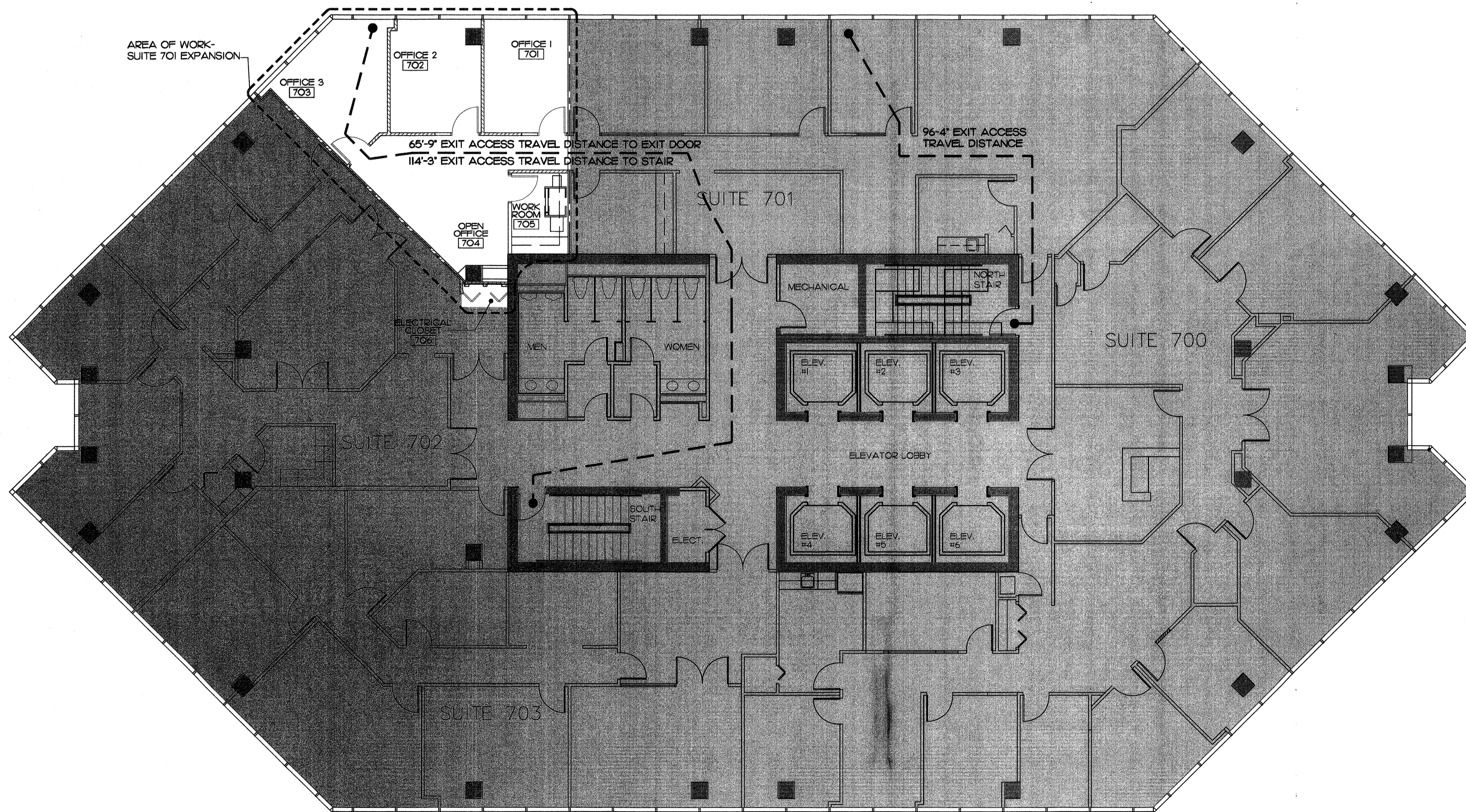
| | ALLOWABLE | PROVIDED |
|--|-----------------|----------|
| SUITE 701 - 2584 BUSINESS - 1/100 SF | | |
| OCCUPANT LOAD | 2584 / 100 = 26 | 26 |
| REQUIRED MEANS OF EGRESS | 2 | 2 |
| MINIMUM CLEAR OPENING OF EXIT DOORS (SECTION 1004) | 32 IN. | 34 IN. |
| COMMON PATH OF EGRESS TRAVEL (OPERABLE) | 100 FT. | |
| EXIT ACCESS TRAVEL DISTANCE (OPERABLE) | 300 FT. | 114'-3" |
| DEAD ENDS (OPERABLE) | 50 FT. | 0'-0" |

EXIT CAPACITY: LEVEL TRAVEL: 0.2 INCHES PER PERSON
TRAVEL BY STAIRS: 0.3 INCHES PER PERSON
ARRANGEMENT OF EXITS: 300' MAX. TRAVEL DISTANCE (OPFA 101, 363 & FBC TABLE 1004)
MAX. DEAD END: 50' (OPFA 110)
COMMON PATH OF TRAVEL: 100' MAX. (OPFA 100) MAX. (FBC)
AREA OF REFUGE: NOT REQUIRED PER FBC 1-413 (9) FOR FULLY SPRINKLERED BUILDINGS

LIFE SAFETY LEGEND

- TRAVEL DISTANCE
- - - COMMON PATH OF TRAVEL
- ⊙ EXIT LIGHT
- ⬢ EMERGENCY LIGHT FIXTURES
- ⬢ EMERGENCY LIGHT FIXTURES
- ☑ FIRE EXTINGUISHER CABINETS SHALL BE EQUAL TO LARSEN, MODEL NO. AL2409-R6 RECESSED MOUNTED, WITH VERTICAL DUO DOOR, AND MODEL 1041 SABA0BC FIRE EXTINGUISHERS BY BUCKEYE FIRE EQUIPMENT
- OR RELOCATED CARD READER FROM 20TH FLOOR RESTROOMS

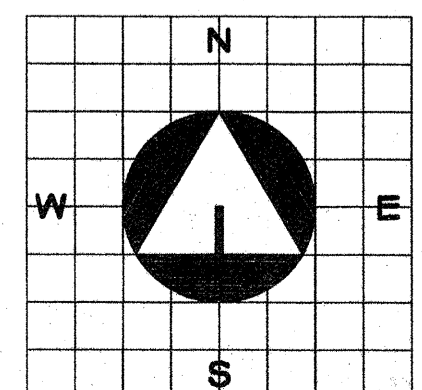
NOTE:
1. GC TO PROVIDE ADA REQUIRED SIGNAGE AT MECHANICAL ROOM, ELECTRICAL ROOM, STAIRS AND RESTROOMS TO MATCH 20TH FLOOR.
2. SECURITY SHALL BE SUBMITTED UNDER SEPARATE PERMIT SET OF DRAWINGS. GENERAL CONTRACTOR TO INSTALL REQUIRED LOCKS, CONDUITS AND JUNCTION BOXES FOR SECURITY SYSTEM. SECURITY SYSTEM SHALL BE PROVIDED AND INSTALLED BY TENANT.



2 LIFE SAFETY PLAN
SCALE 1/8" = 1'-0"

**DEMOLITION PLAN
LIFE SAFETY PLAN**

SCALE: 1/8" = 1'-0"
0 4' 8' 16' 32'



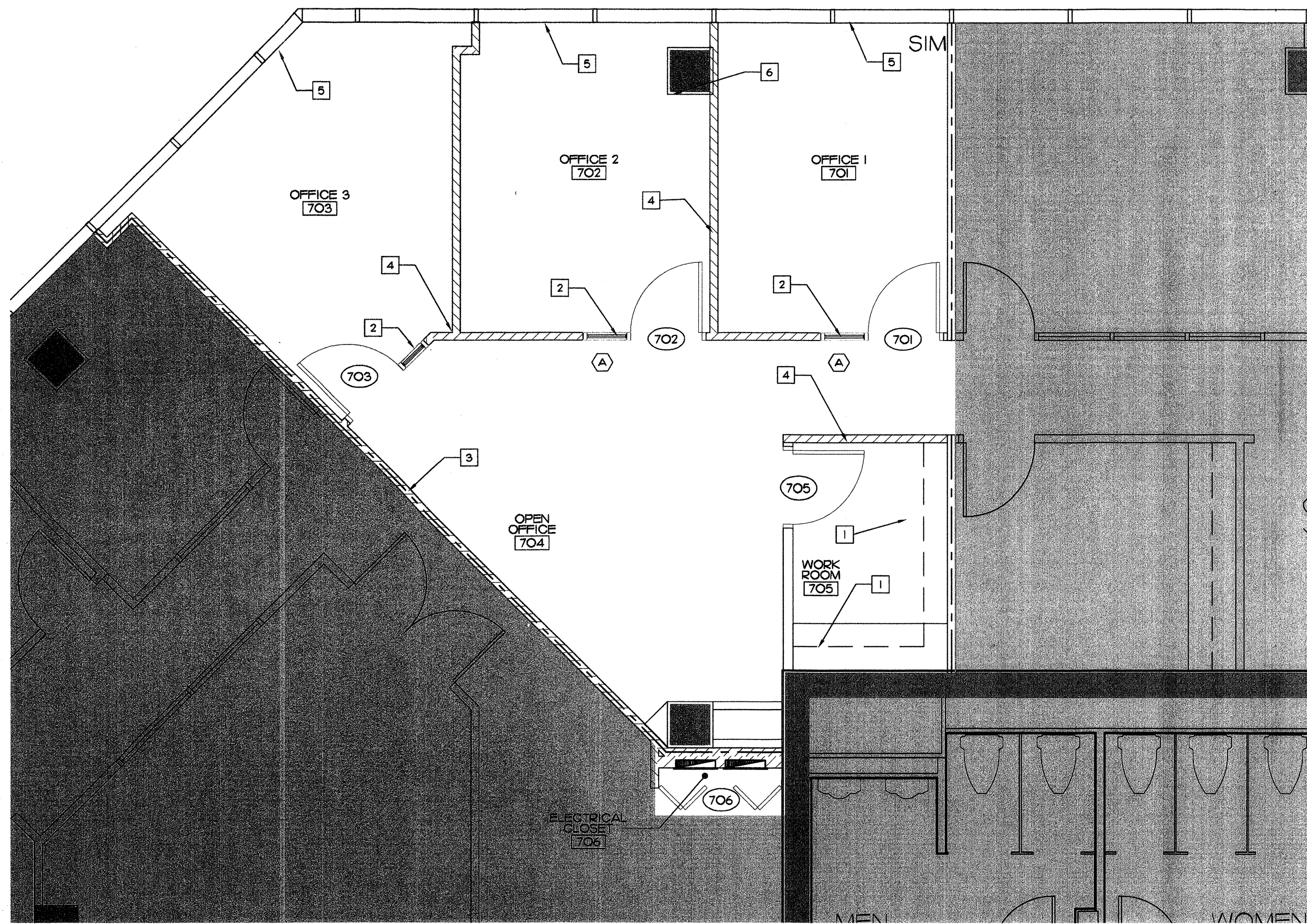
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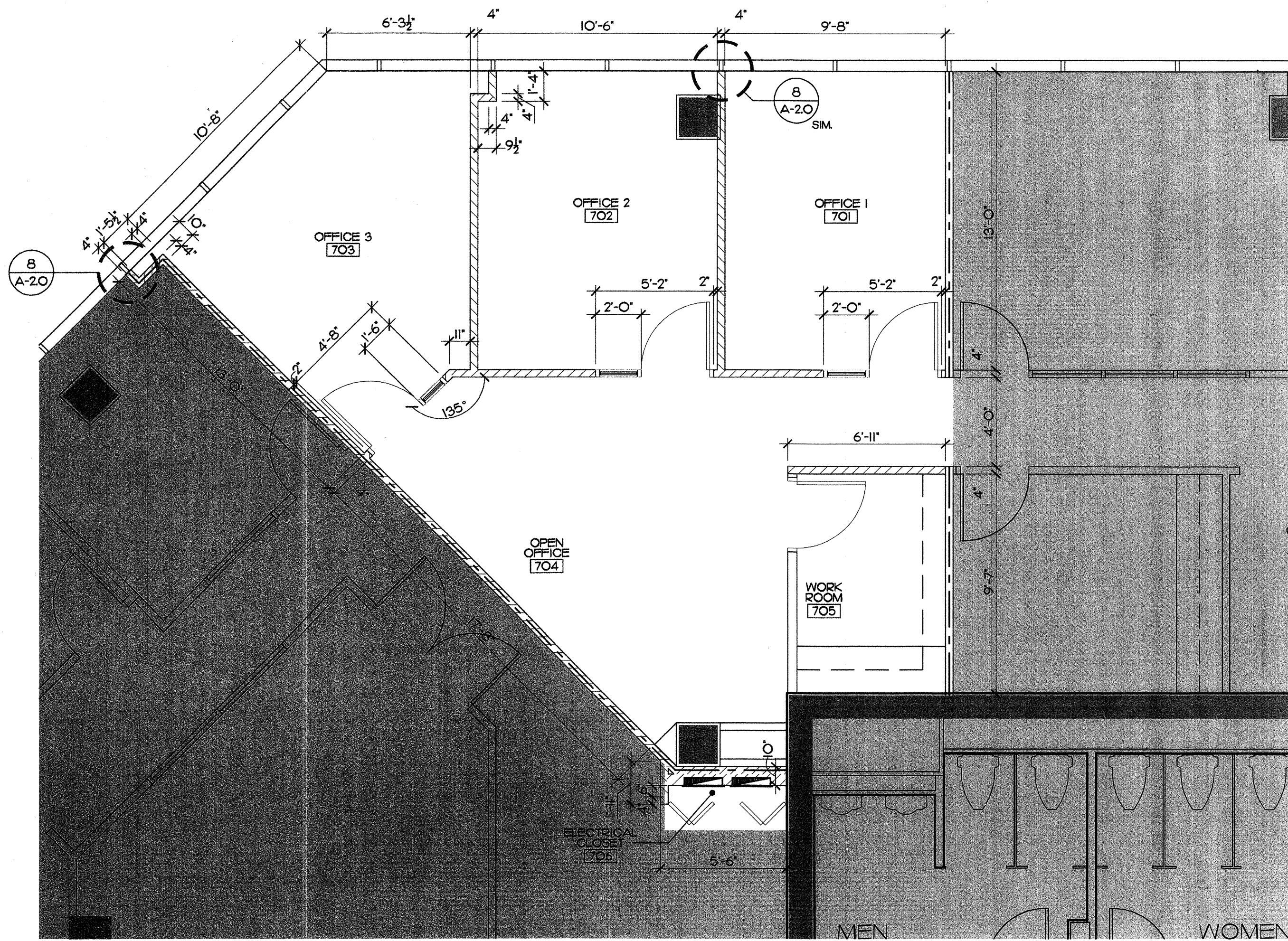
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file name: NB-701-EXPAN-DEMO.DWG
project no: 10222
date: 11/03/10
drawn by: CP
checked by: KS

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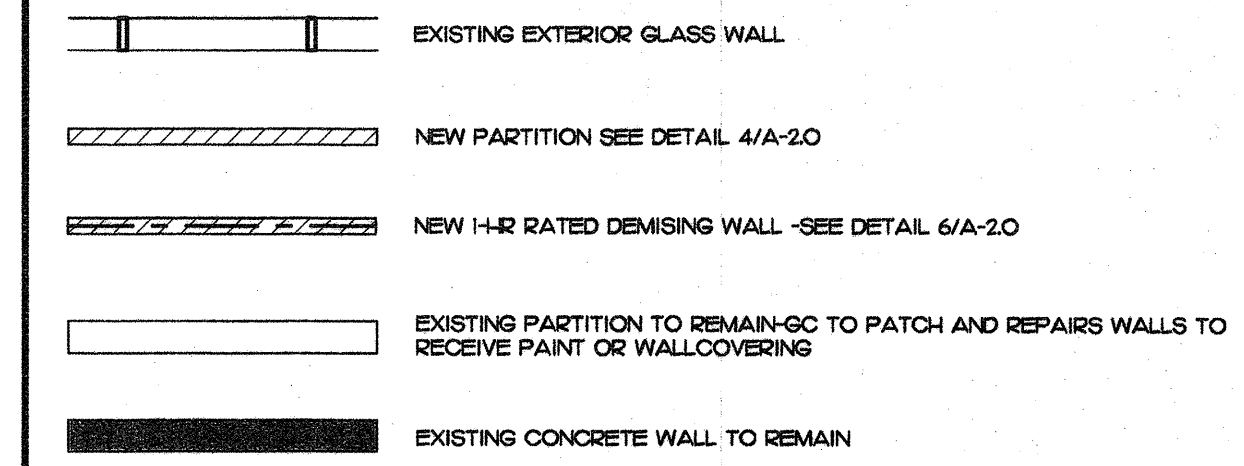


1 FLOOR PLAN
SCALE 1/4" = 1'-0"



2 DIMENSIONAL PLAN
SCALE 1/4" = 1'-0"

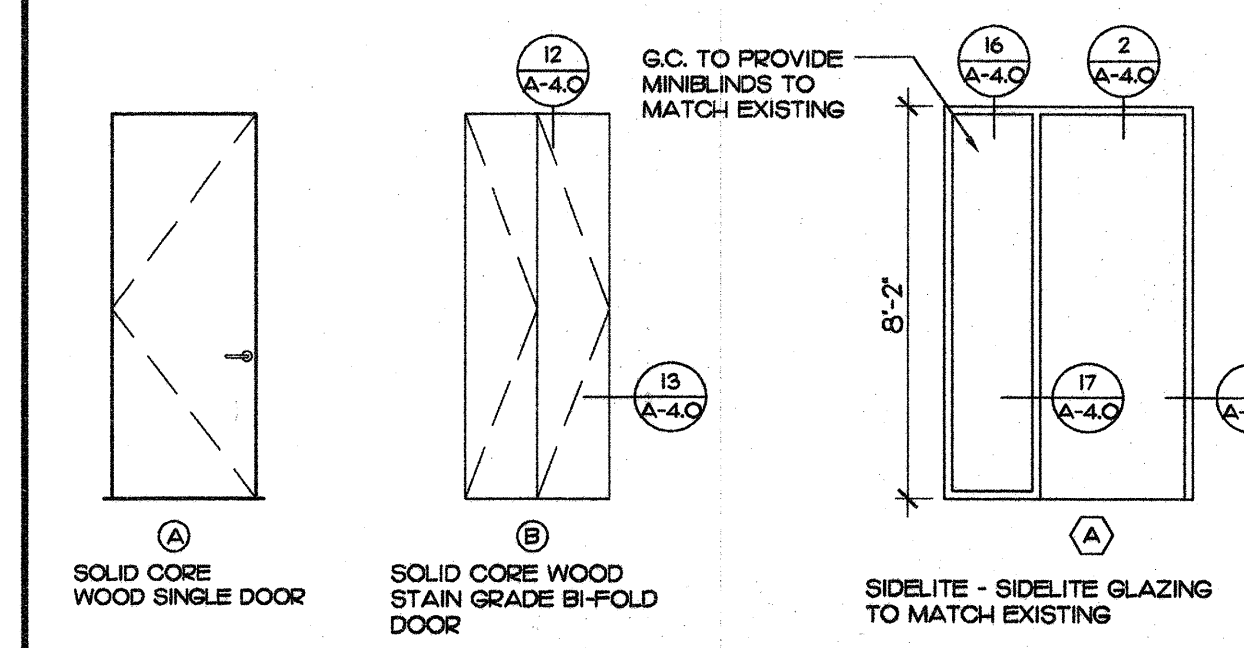
WALL LEGEND



KEYNOTES

- 1 NEW BUILT-IN PLASTIC LAMINATE CABINETRY BY G.C. - PROVIDE FIRE RETARDANT WOOD BLOCKING AS REQUIRED
- 2 NEW SIDELITES TO MATCH EXISTING - SEE DOOR SCHEDULE
- 3 FULL HEIGHT PARTITION WALL FF. TO BOTTOM OF SLAB
- 4 TYPICAL PARTITION WALL TO TERM 6" ABOVE CEILING
- 5 G.C. TO PROVIDE BUILDING STANDARD WINDOW TREATMENT
- 6 EXISTING COLUMN ENCLOSURE TO REMAIN

DOOR TYPES



DOOR SCHEDULE

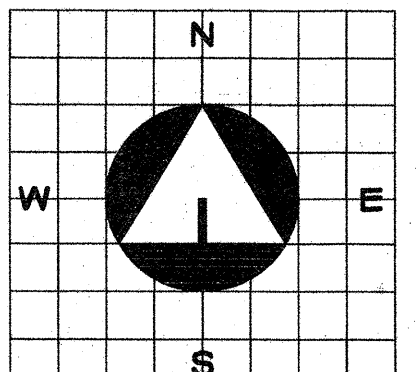
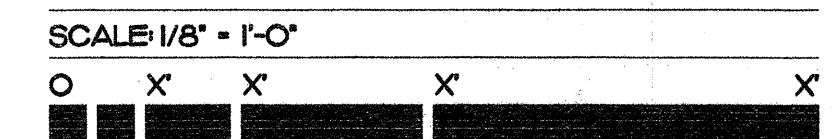
| DOOR NO. | TYPE | WIDTH | HGT | T-K | MATL | FINISH | MATL | FINISH | HEAD | JAMB | HDWR SET | REMARKS |
|----------|------|----------|-------|--------|-----------|------------|------|--------|---------|---------|----------|--------------|
| 701 | A | 3'-0" | 8'-0" | 1-3/4" | S.C. W.D. | STAIN WOOD | WOOD | PAINT | 2/A-20 | 2/A-20 | 1 | |
| 702 | A | 3'-0" | 8'-0" | 1-3/4" | S.C. W.D. | STAIN WOOD | WOOD | PAINT | 2/A-20 | 2/A-20 | 1 | |
| 703 | A | 3'-0" | 8'-0" | 1-3/4" | S.C. W.D. | STAIN WOOD | WOOD | PAINT | 2/A-20 | 2/A-20 | 1 | |
| 704 | A | 3'-0" | 8'-0" | 1-3/4" | S.C. W.D. | STAIN WOOD | WOOD | PAINT | 2/A-20 | 2/A-20 | 1 | |
| 705 | A | 3'-0" | 8'-0" | 1-3/4" | S.C. W.D. | STAIN WOOD | WOOD | PAINT | 2/A-20 | 2/A-20 | 1 | |
| 706 | B | PR 2'-6" | 8'-0" | 1-3/4" | S.C. W.D. | STAIN WOOD | WOOD | PAINT | 12/A-20 | 13/A-20 | 2 | BI-FOLD DOOR |

HARDWARE SCHEDULE

HARDWARE SETS:
 (CONFIRM ALL LOCKING WITH CLIENT PRIOR TO INSTALLATION)
HARDWARE SET B - OFFICES
 (4) 4-1/2"x4-1/2" BALL BEARING HINGES MATCH SUITE 701
 (1) PASSAGE LOCKSET, STYLE AND FINISH TO MATCH SUITE 701
 (4) ROCKWOOD SILENCERS 608 GRAY RUBBER
 (1) FLOOR STOP MATCH SUITE 701
HARDWARE SET # 2 -
 NEW BI-FOLD DOOR - G.C. TO PROVIDE POLISHED CHROME ROUND KNOB FOR PULL AND REQUIRED DOOR HARDWARE

- GENERAL DOOR NOTES:**
1. FINAL COORDINATION OF KEYING FUNCTIONS SHALL BE WITH TENANT AND LANDLORD. KEYING TO BE INCLUDED IN TOTAL PROJECT COSTS.
 2. ALL EXIT HARDWARE SHALL COMPLY WITH F.B.C. 2007 W/ 2009 AMENDMENTS SECTION 1108.19 AND 11-4.13.9.
 3. LEVER HARDWARE SHALL MATCH STYLE AND FINISH ON SUITE 701
 4. CLOSURES TO BE LCN - FINISH TO MATCH LEVER AND SUITE 701
 5. HINGES TO MATCH 20TH FLOOR
 6. FLOOR STOP TO MATCH SUITE 701
 7. ALL STAINED WOOD DOORS SHALL BE SAME AS SUITE 701, DOOR WOOD GRAIN AND STAIN FINISH, AND COLOR SHALL MATCH SUITE 701.
 8. ALL ACCESS-CONTROLLED EGRESS DOORS MUST COMPLY WITH FLORIDA FIRE PREVENTION CODE SECTION 7.2.1.6.

FLOOR PLAN DIMENSIONAL PLAN



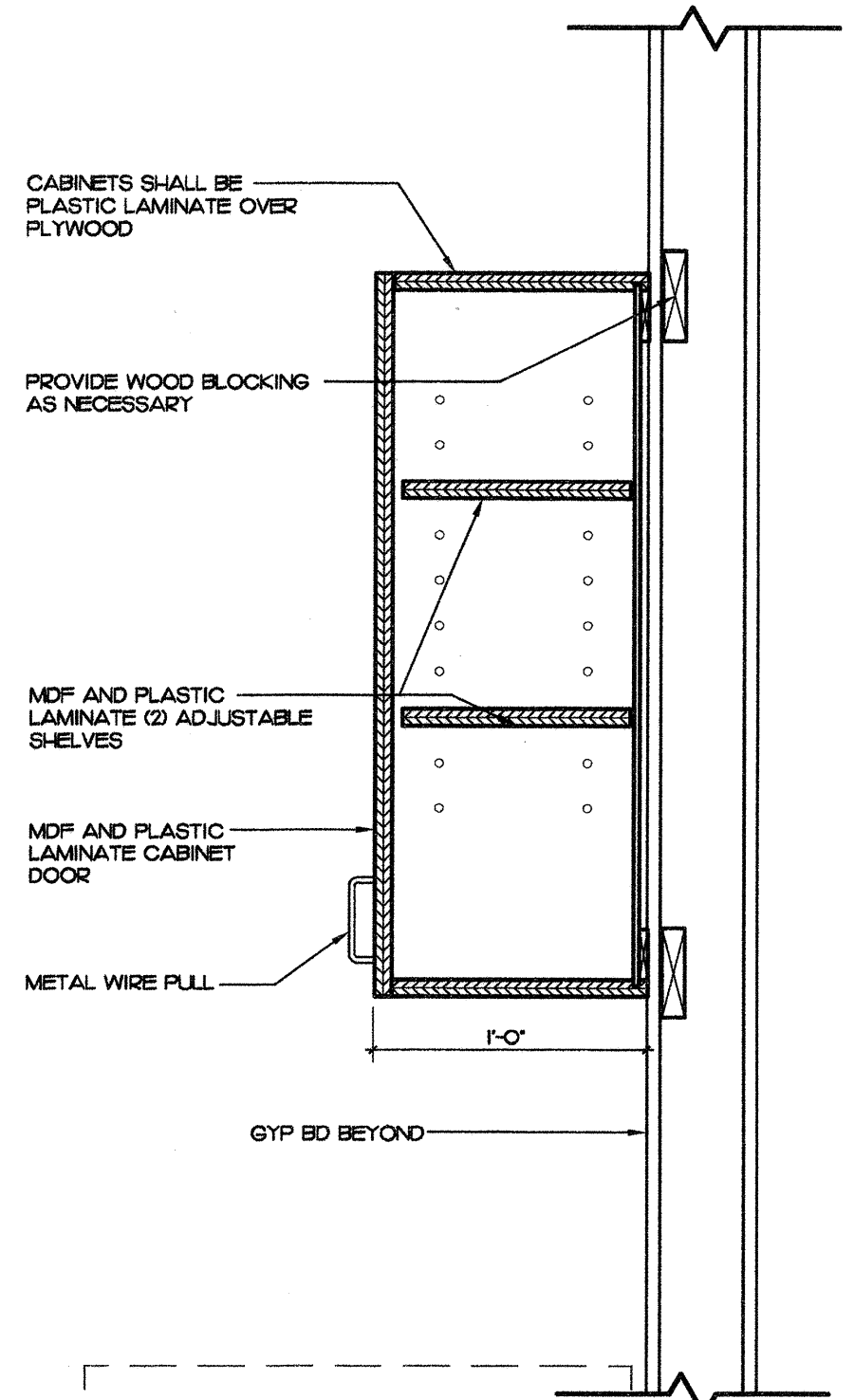
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 FL License: #AA2601602
 Benjamin John Glidden, III #AR13419
 Keith M. Spina #AR13419

**TENANT IMPROVEMENTS FOR:
 SUITE 701 EXPANSION**
 NORTH BRIDGE CENTER
 515 N. FLAGLER DRIVE
 WEST PALM BEACH, FLORIDA

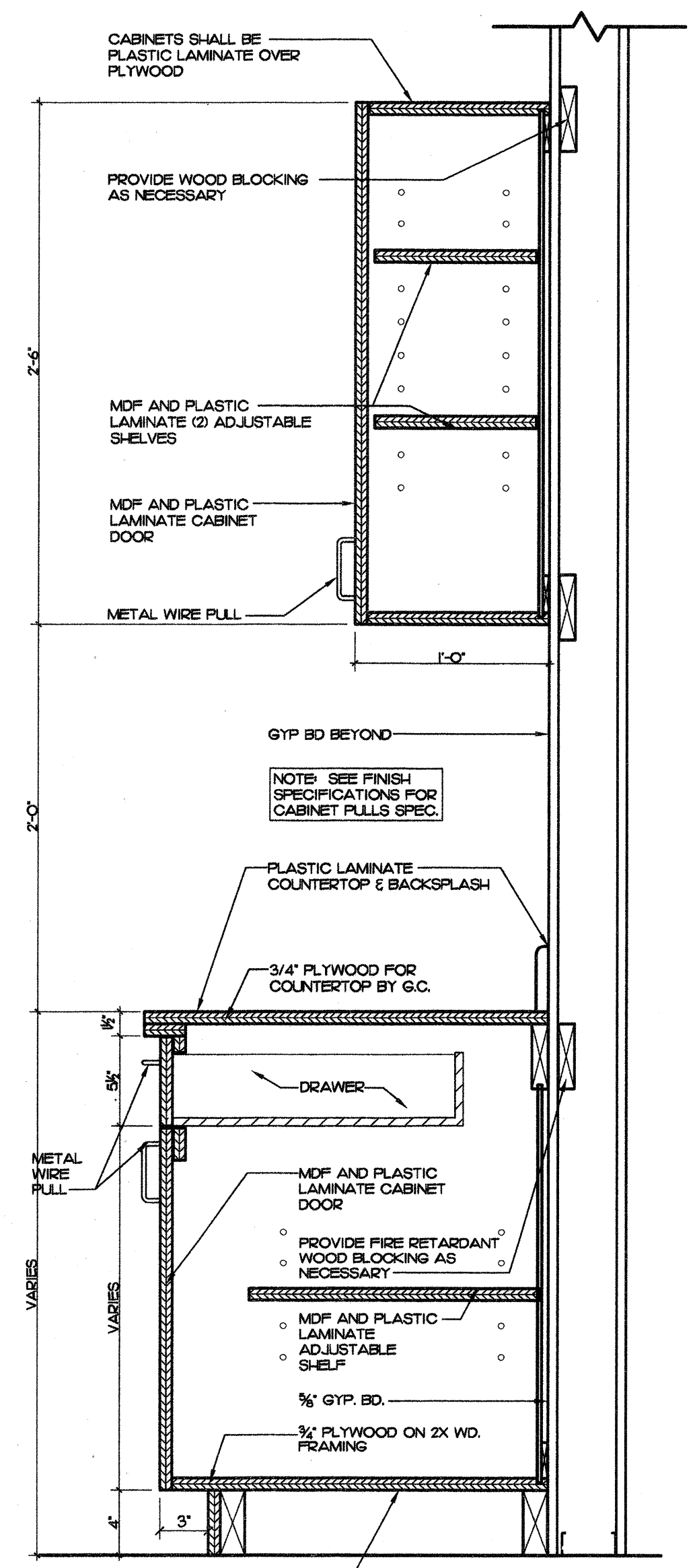
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 file name: NB-701-EXPAN-FP.DWG
 project no: 10222
 date: 11/03/10
 drawn by: CP
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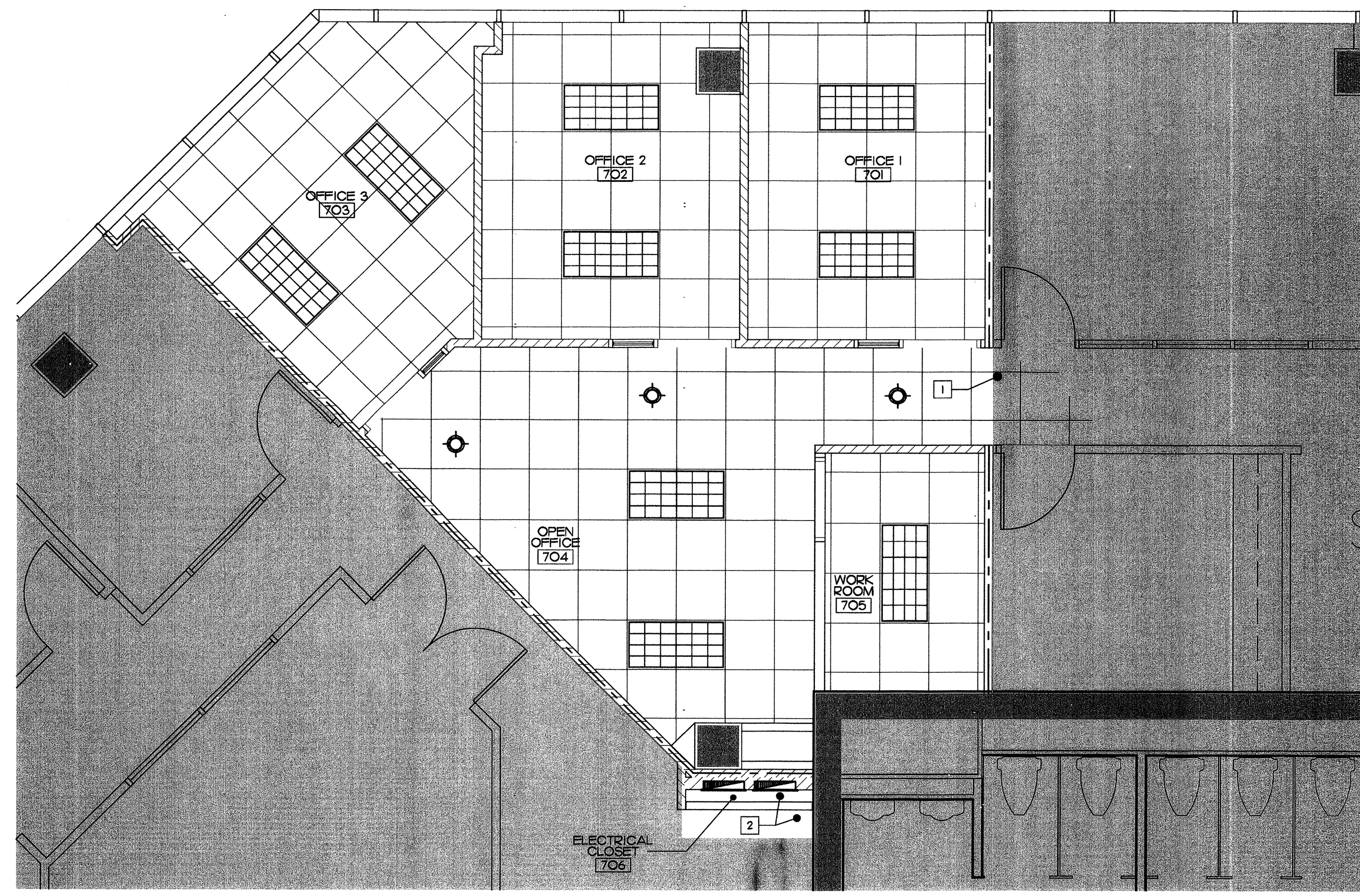
A-1.0



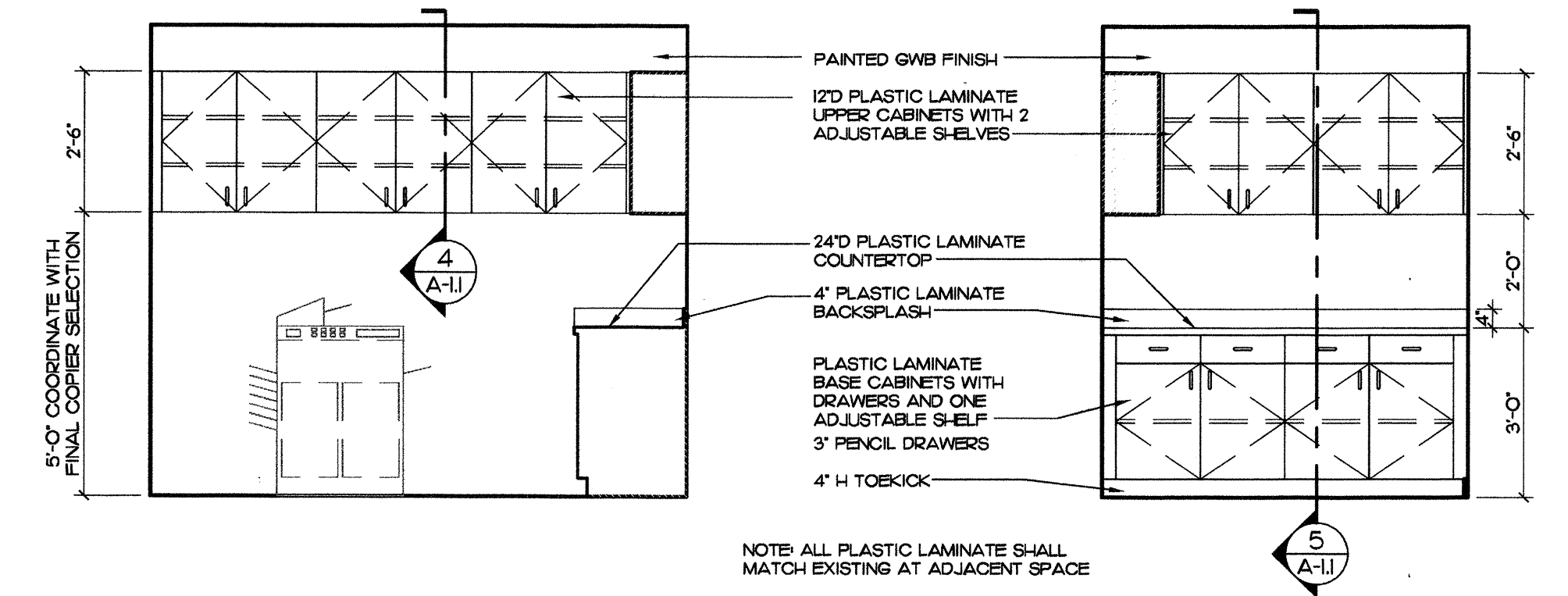
4 CABINET SECTION
SCALE: 1/2" = 1'-0"



5 CABINET SECTION
SCALE: 1/2" = 1'-0"



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



3 COPY/WORK ROOM 705
SCALE: 3/8" = 1'-0"

2 COPY/WORK ROOM 705
SCALE: 3/8" = 1'-0"

REFLECTED CEILING LEGEND

- NEW 24"X24" SUSPENDED ACOUSTICAL CEILING SYSTEM - SEE FINISH NOTES SHEET A-14 FOR SPECIFICATION.
- RE-USE 2'X4' FLUORESCENT INDIRECT LIGHT FIXTURE
- NEW COMPACT FLUORESCENT DOWNLIGHT
- NEW EXIT SIGN - SEE ELECTRICAL DRAWINGS TO MATCH 20TH FLOOR
- CEILING HEIGHT - ALL CEILING TO BE 8'-4" UNLESS OTHERWISE NOTED

NOTES

- ALL EMERGENCY LIGHT FIXTURES SHALL HAVE THE TEST BUTTONS MOUNTED INSIDE THE FIXTURE

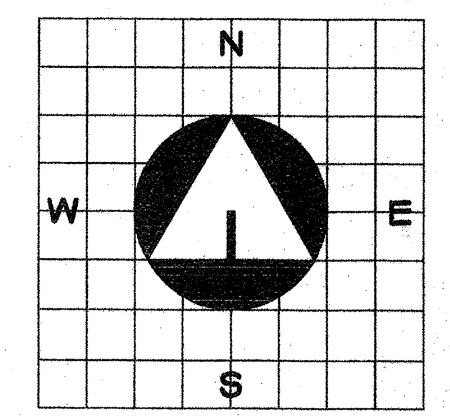
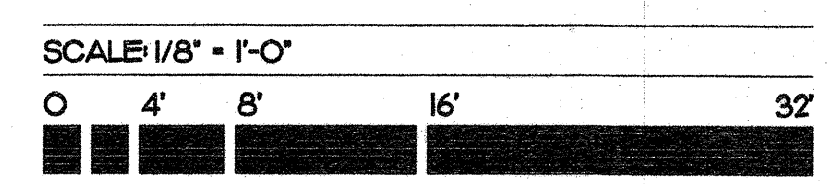
CEILING KEY NOTES

- NEW CEILING GRID TO CONTINUE FROM EXISTING GRID AT ADJACENT SPACE
- G.C. TO REWORK CEILING GRID & GYPSUM TO MATCH EXISTING

PARTITION LEGEND

- EXISTING EXTERIOR GLASS WALL
- NEW PARTITION SEE DETAIL 4/A-20
- NEW I-R RATED DEMISING WALL - SEE DETAIL 6/A-20
- EXISTING PARTITION TO REMAIN-GC TO PATCH AND REPAIRS WALLS TO RECEIVE PAINT OR WALLCOVERING
- EXISTING CONCRETE WALL TO REMAIN

REFLECTED CEILING PLAN



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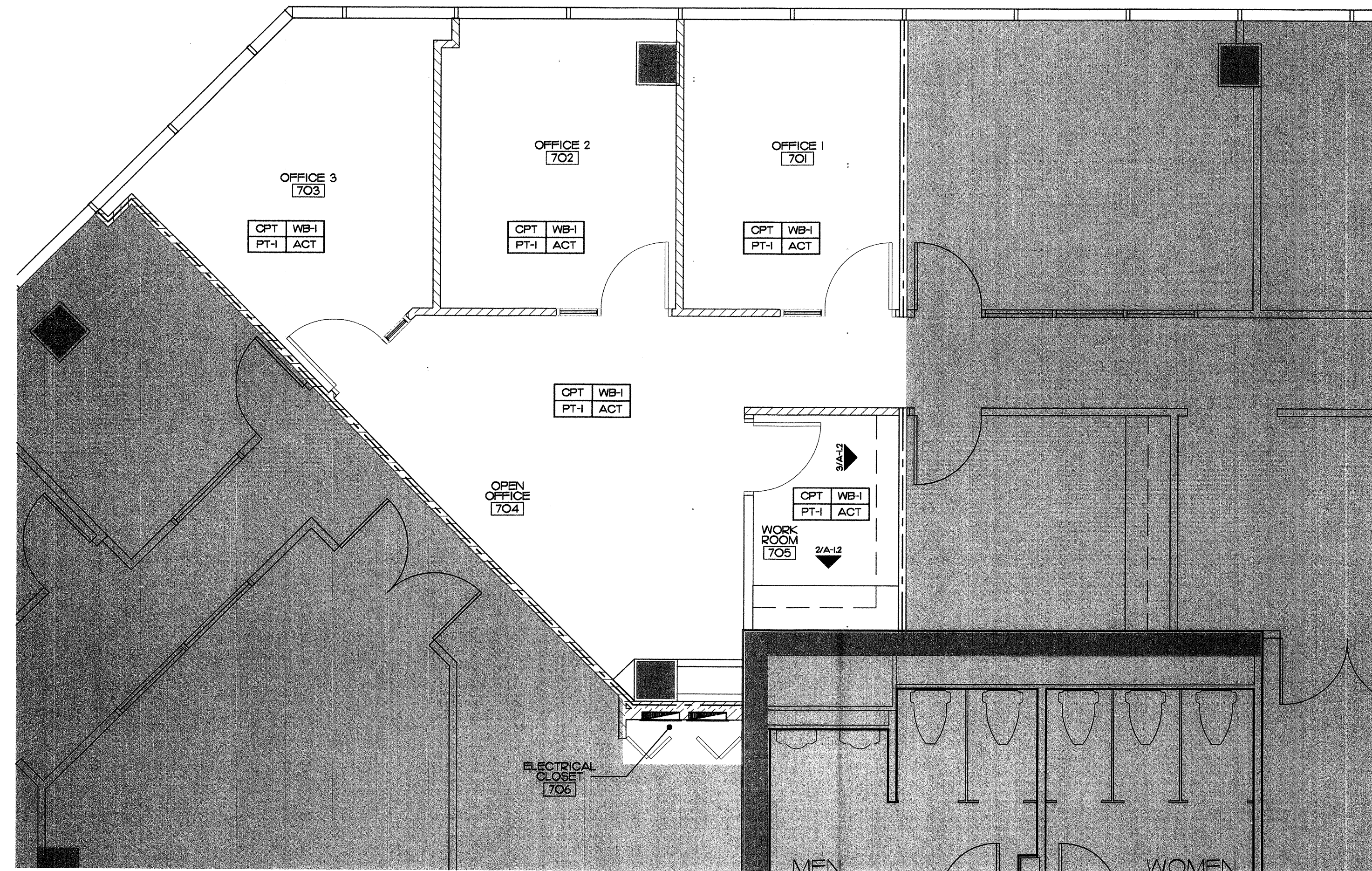
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sheet title: CEILING PLAN & CAB. DTLS.
file name: NB-701-EXPAN-FP.DWG

revisions:

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| project no: | 10222 |
| date: | 11/03/10 |
| drawn by: | CP |
| checked by: | KS |

A-1.1



1 FINISH PLAN
SCALE 1/8" = 1'-0"

FINISH SPECIFICATIONS

GENERAL NOTE:

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

FLOOR

- 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 1/2".
- FINISH TO BE WITHIN 1/2" IN 10' UNLESS OTHERWISE APPROVED IN NON-CIRCULATION AREAS.
- PROVIDE SLAB FLASHING AT TRANSITION BETWEEN STONE / TILE AND CARPET WITH 1/8" PER FOOT MAX. SLOPE.
- CARPET TO BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR

CARPET (CPT)

- CARPET SHALL BE INSTALLED W/ ATTACHED TREAD MOR PAD.
- CONTRACTOR SHALL TOUCH-UP WOOD BASE, DOORS, AND CASING AFTER CARPET IS INSTALLED
- AT MATERIAL TRANSITIONS, SUBCONTRACTOR TO PROVIDE LEVELING TO EXTEND 6" TO CREATE A GRADUAL SLOPE AND TRANSITIONS SHALL NOT BE GREATER THAN 1/2"
- SUBCONTRACTOR SHALL PROVIDE SEAMING DIAGRAM TO DESIGNER FOR APPROVAL. CARPET SHALL BE TREATED WITH A STAIN GUARD, AS REQUIRED.

BASE

- ALL WOOD SHALL BE FINISHED BY A QUALITY AWI WORKSHOP.
- ALL MILLWORK SHALL BE FACTORY FINISHED.
- FINISH SAMPLE SHALL BE SUBMITTED TO INTERIOR DESIGNER FOR APPROVAL PRIOR TO FABRICATION.
- BASE/TRIM SHALL BE TOUCHED UP AFTER CARPET IS INSTALLED.

WOOD BASE (WB)

- PAINT GRADE WOOD.
- MATCH EXISTING PROFILE.

WALL

- GYPSUM BOARD - SMOOTH SLICK FINISH LEVEL 4. SMOOTH TEXTURED READY TO RECEIVE PAINT OR SMOOTH FINISH READY TO RECEIVE WALLPAPER

- NEW WALL FINISH TO LEVEL TO MATCH EXISTING WALL.

PAINT (PT)

- 2 COATS OF PAINT - SEE SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS. PROVIDE WALL SAMPLE FOR DESIGNER APPROVAL.
- PT-1 - CL 261YM STORM BAY

CEILING

- ALL BULKHEADS OR SOFFITS SHALL BE PAINTED.
- CONTRACTOR TO LAYOUT CEILING GRID AS SHOWN ON PLAN.
- TEGLAR EDGES IN ANY VISIBLE AREAS CONTAINING LINEAR AIR BARS, LIGHTS AND SOFFITS SHALL BE FACTORY PAINTED.

ACOUSTICAL CEILING (ACT)

- TILE AND GRID - TO MATCH EXISTING

CABINETS

- COUNTERTOPS - TO MATCH EXISTING
- CABINETS - TO MATCH EXISTING

WOOD DOORS & TRIM

- STAIN GRADE, COLOR TO MATCH EXISTING. SUBMIT SAMPLE FOR APPROVAL PRIOR TO FABRICATION
- CASING - TO MATCH EXISTING PROFILE - PAINT TO BE SW6105 DIVINE WHITE LRJ 721

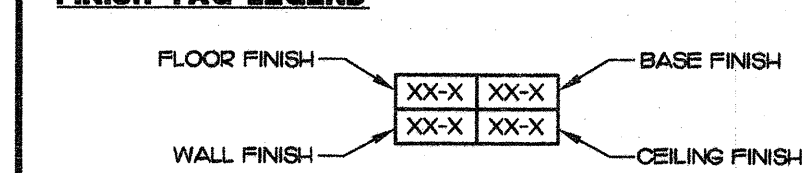
WINDOW TREATMENTS

- G.C. TO PROVIDE WINDOW TREATMENTS TO MATCH BUILDING STANDARDS
- MINI BLINDS TO BE INSIDE MOUNT WHERE POSSIBLE

COVER PLATES

- COLOR TO MATCH EXISTING

FINISH TAG LEGEND



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

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Benjamin John Glidden, III #AR6536

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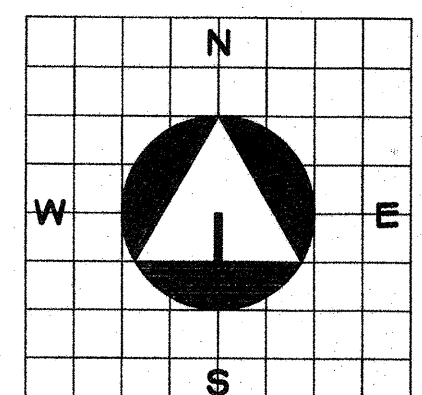
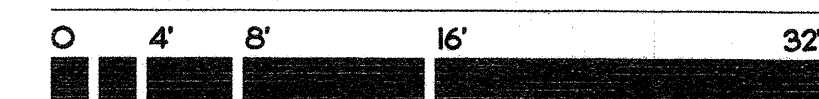
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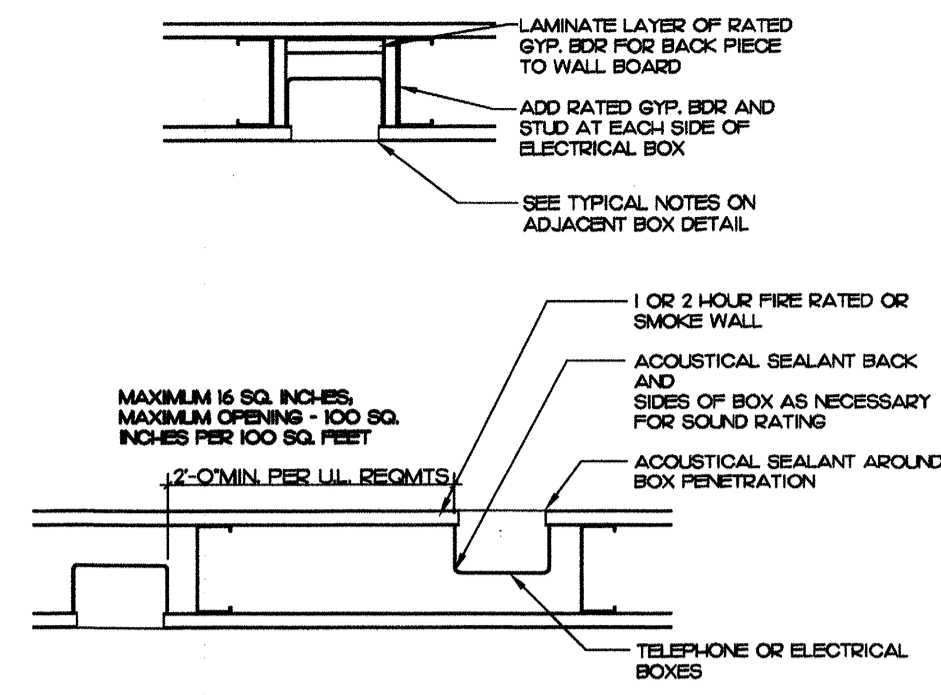
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| file name: NB-701-EXPAN-FP.DWG | |
| project no: 10222 | date: 11/03/10 |
| drawn by: CP | checked by: KS |

FINISH PLAN
FURN. & EQUIPT. PLAN

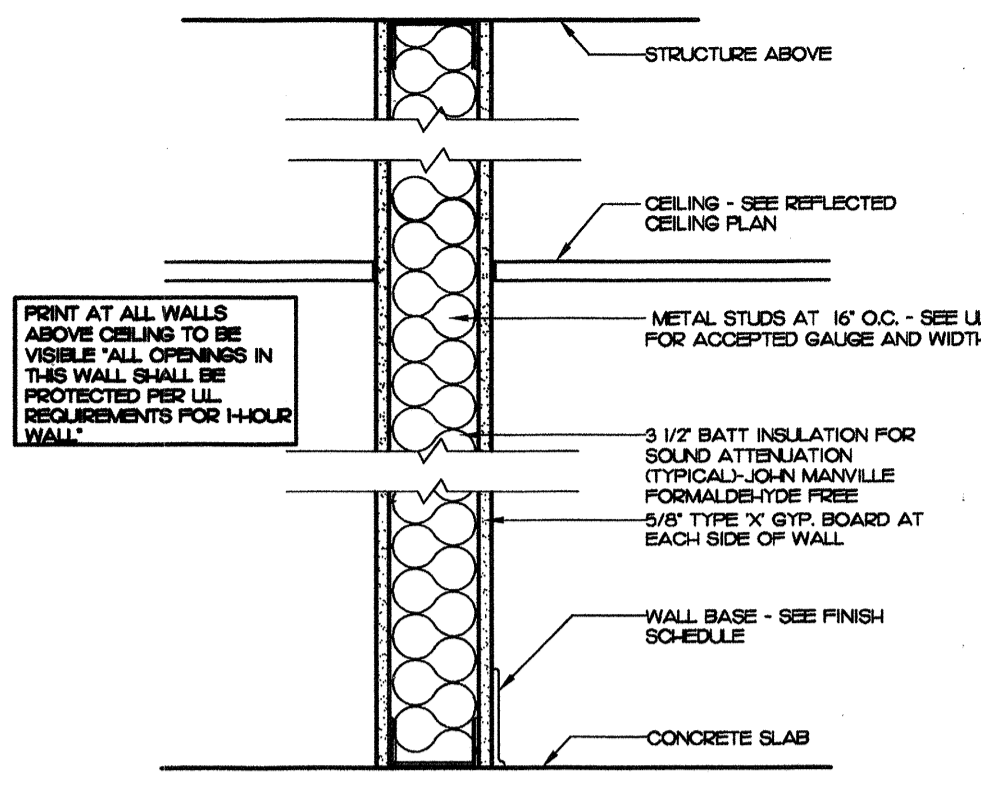
SCALE: 1/8" = 1'-0"



A-1.2



10 RATED WALL OPENINGS
SCALE: 1/2"=1'-0"



6 SECTION AT TYPICAL 1-HOUR WALL
SCALE: 1/2"=1'-0"

DESIGN NO. U465
DECEMBER 23, 2008
NONBEARING WALL RATING - 1 HR.

1. FLOOR AND CEILING RUNNERS - (NOT SHOWN) - CHANNEL SHAPED RUNNERS, 3-5/8 IN. WIDE W/IN. 1/4 IN. LESS, FORMED FROM MIN. NO. 25 MSG GALV. STEEL, ATTACHED TO FLOOR AND CEILING WITH FASTENERS SPACED 24 IN. OC MAX.

2. STEEL STUDS - CHANNEL SHAPED, 3-5/8 IN. WIDE (MIN. 1/4 IN. LEGS, 3/8 IN. FOLDED BACK RETURN, FORMED FROM MIN. NO. 25 MSG GALV. STEEL, SPACED 24 IN. OC MAX.

3. BATTS AND BLANKETS* - (OPTIONAL) - MINERAL WOOL OR GLASS FIBER BATTS PARTIALLY OR COMPLETELY FILLING STUD CAVITY. SEE BATTS AND BLANKETS (S2) CATEGORY FOR NAMES OF CLASSIFIED COMPANIES.

3A. FIBER, SPRAYED* - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 3) - SPRAY APPLIED CELLULOSE MATERIAL, THE FIBER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. NOMINAL DRY DENSITY OF 3.0 LB/FT³. ALTERNATE APPLICATION METHOD: THE FIBER IS APPLIED WITH U.S. GREEN FIBER LLC TYPE AD100 HOT MELT ADHESIVE AT A NOMINAL RATIO OF ONE PART ADHESIVE TO 66 PARTS FIBER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. NOMINAL DRY DENSITY OF 2.5 LB/FT³.

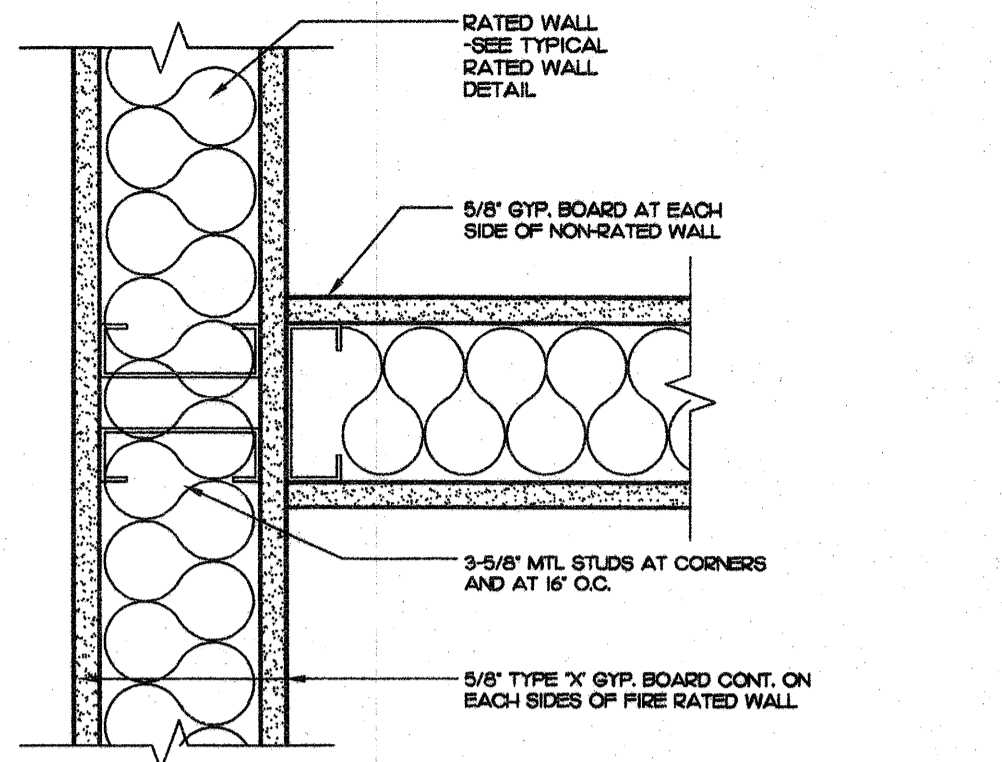
U.S. GREEN FIBER L.L.C. - COCOON2 STABILIZED OR COCOON-FM (FIRE RATED MATERIAL)

3B. FIBER, SPRAYED* - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 3) AND ITEM 3A - SPRAY APPLIED CELLULOSE INSULATION MATERIAL, THE FIBER IS APPLIED WITH WATER TO INTERIOR SURFACES IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT, APPLIED TO COMPLETELY FILL THE ENCLOSED CAVITY. MINIMUM DRY DENSITY OF 4.3 POUNDS PER CUBIC FT.

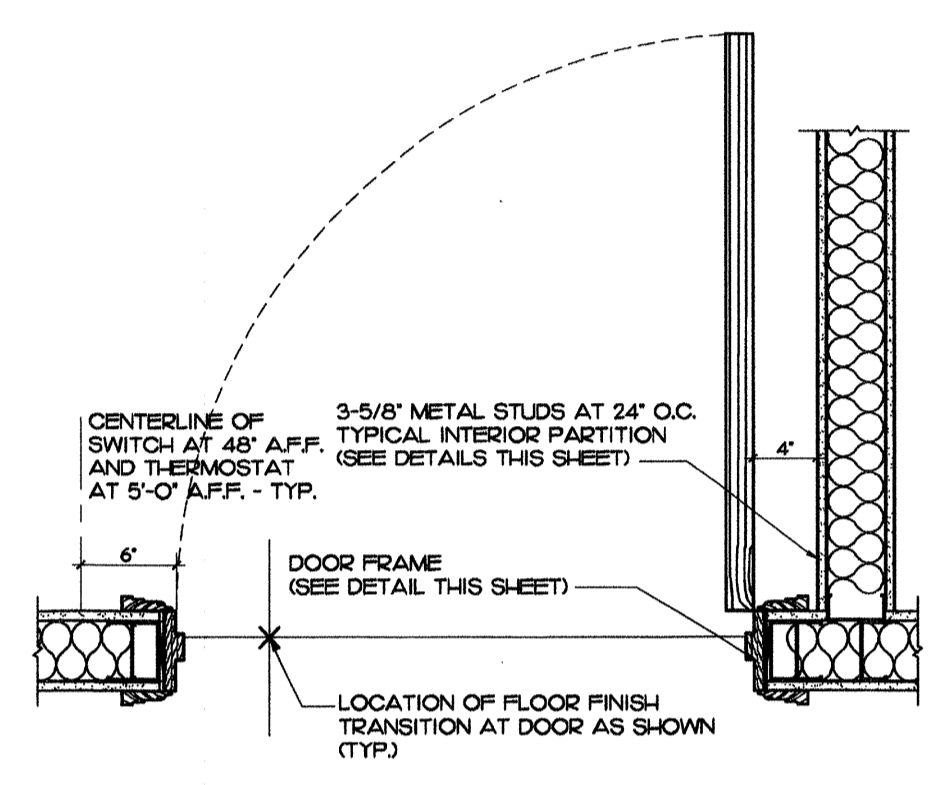
NJ-WOOL CO INC - CELLULOSE INSULATION

4. GYPSUM BOARD* - 5/8 IN. THICK, 4 FT. WIDE, ATTACHED TO STEEL STUDS AND FLOOR AND CEILING TRACK WITH 1 IN. LONG, TYPE 5 STEEL SCREWS SPACED 8 IN. OC, ALONG EDGES OF BOARD AND (2 IN. OC) IN THE FIELD OF THE BOARD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY, WHEN ATTACHED TO ITEM 6 (RESILIENT CHANNELS) OR 6A (FLURRING CHANNELS), WALLBOARD IS SCREW ATTACHED TO FLURRING CHANNELS WITH 1 IN. LONG, TYPE 5 STEEL SCREWS SPACED 12 IN. OC.

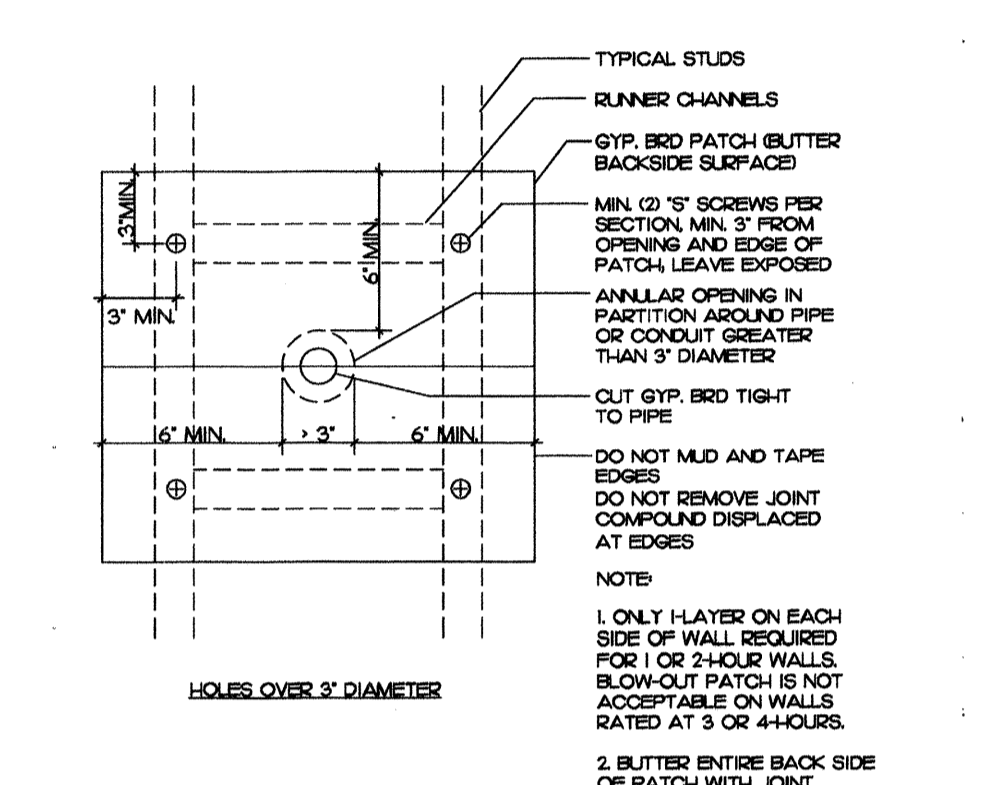
AMERICAN GYPSUM CO. - TYPES AG-C, AGX-1
CEILING NEW BUILDING MATERIALS PUBLIC LTD CO. - TYPE DEV-1
CANADIAN GYPSUM COMPANY - TYPES AR, C, IP-AR, IP-XI, IP-X2, IP-AR, SCX, SH-X, WRC OR WRX
CERTAINTED GYPSUM INC. - TYPES I, EG06, PROROC TYPE X, PROROC TYPE C, CERTAINTED GYPSUM CANADA INC. - PROROC TYPE C, PROROC TYPE X OR PROROC TYPE ABUSE-RESISTANT
GEORGIA-PACIFIC GYPSUM L.L.C. - TYPES 5, 9, C, DAP, DO, DA, DAPC, D06, D5, PFS6, LAFARGE NORTH AMERICA INC. - TYPES LGFC, LGFC2, LGFC3, LGFC4, LGFC5, LGFC6, LGFC-C/A, LGFC-C/A
NATIONAL GYPSUM CO. - TYPES FSK, FSK-C, FSK-G, FSW-C, FSW-G, FSW, FSW-S, FSW-S
PABCO BUILDING PRODUCTS L.L.C. DBA PABCO GYPSUM - TYPE PG-C, PG-H OR PG-9
PANEL SET 5 A - TYPE PRX
SIAM GYPSUM INDUSTRY (SARABULI) CO. LTD. - TYPE EX-1
TEMPLE-INLAND FOREST PRODUCTS CORP. - TYPES V, VENEER PLASTER BASE - TYPE X, WATER RATED - TYPE X, SHEATHING - TYPE X, SOFFIT - TYPE X, TG-C, GREENGLASS TYPE X
UNITED STATES GYPSUM CO. - TYPE AR, C, FRX-G, IP-AR, IP-XI, IP-X2, IP-AR, SCX, SH-X, WRC OR WRX
USG MEXICO S A DE C V - TYPE AR, C, IP-AR, IP-XI, IP-X2, IP-AR, SCX, SH-X, WRC OR WRX



1 PLAN DETAIL AT INTERSECTION AT 1-HR WALL
SCALE: 3/4"=1'-0"



11 PLAN SECTION AT TYPICAL DOOR JAMB
SCALE: 1"=1'-0"



7 MULTIPLE PIPE/CONDUIT PENETRATION AT 1 HR WALL
SCALE: 1/2"=1'-0"

4. GYPSUM BOARD* - 5/8 IN. THICK, 4 FT. WIDE, ATTACHED TO STEEL STUDS AND FLOOR AND CEILING TRACK WITH 1 IN. LONG, TYPE 5 STEEL SCREWS SPACED 8 IN. OC, ALONG EDGES OF BOARD AND (2 IN. OC) IN THE FIELD OF THE BOARD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY, WHEN ATTACHED TO ITEM 6 (RESILIENT CHANNELS) OR 6A (FLURRING CHANNELS), WALLBOARD IS SCREW ATTACHED TO FLURRING CHANNELS WITH 1 IN. LONG, TYPE 5 STEEL SCREWS SPACED 12 IN. OC.

AMERICAN GYPSUM CO. - TYPES AG-C, AGX-1
CEILING NEW BUILDING MATERIALS PUBLIC LTD CO. - TYPE DEV-1
CANADIAN GYPSUM COMPANY - TYPES AR, C, IP-AR, IP-XI, IP-X2, IP-AR, SCX, SH-X, WRC OR WRX
CERTAINTED GYPSUM INC. - TYPES I, EG06, PROROC TYPE X, PROROC TYPE C, CERTAINTED GYPSUM CANADA INC. - PROROC TYPE C, PROROC TYPE X OR PROROC TYPE ABUSE-RESISTANT
GEORGIA-PACIFIC GYPSUM L.L.C. - TYPES 5, 9, C, DAP, DO, DA, DAPC, D06, D5, PFS6, LAFARGE NORTH AMERICA INC. - TYPES LGFC, LGFC2, LGFC3, LGFC4, LGFC5, LGFC6, LGFC-C/A, LGFC-C/A
NATIONAL GYPSUM CO. - TYPES FSK, FSK-C, FSK-G, FSW-C, FSW-G, FSW, FSW-S, FSW-S
PABCO BUILDING PRODUCTS L.L.C. DBA PABCO GYPSUM - TYPE PG-C, PG-H OR PG-9
PANEL SET 5 A - TYPE PRX
SIAM GYPSUM INDUSTRY (SARABULI) CO. LTD. - TYPE EX-1
TEMPLE-INLAND FOREST PRODUCTS CORP. - TYPES V, VENEER PLASTER BASE - TYPE X, WATER RATED - TYPE X, SHEATHING - TYPE X, SOFFIT - TYPE X, TG-C, GREENGLASS TYPE X
UNITED STATES GYPSUM CO. - TYPE AR, C, FRX-G, IP-AR, IP-XI, IP-X2, IP-AR, SCX, SH-X, WRC OR WRX
USG MEXICO S A DE C V - TYPE AR, C, IP-AR, IP-XI, IP-X2, IP-AR, SCX, SH-X, WRC OR WRX

4A. GYPSUM BOARD* - (AS ALTERNATE TO ITEM 4) - NOM 5/8 IN. THICK GYPSUM PANELS WITH BEVELLED SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS. HORIZONTAL BUTT JOINTS NEED NOT BE BACKED BY STEEL FRAMING. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED. GYPSUM PANELS FASTENED TO FRAMING WITH 1 IN. LONG TYPE 5 STEEL SCREWS SPACED 8 IN. OC WHEN APPLIED HORIZONTALLY, OR 8 IN. OC ALONG VERTICAL AND BOTTOM EDGES AND 12 IN. OC IN THE FIELD WHEN PANELS ARE APPLIED VERTICALLY. WHEN USED IN WIDTHS OTHER THAN 48 IN., GYPSUM PANELS TO BE INSTALLED HORIZONTALLY.

CANADIAN GYPSUM COMPANY - TYPES AR, C, IP-AR, IP-XI, IP-X2, IP-AR, SCX, SH-X, WRC OR WRX
CERTAINTED GYPSUM INC. - PROROC TYPE X, PROROC TYPE C
CERTAINTED GYPSUM CANADA INC. - PROROC TYPE X, PROROC TYPE C
GEORGIA-PACIFIC GYPSUM L.L.C. - TYPES DAP, DAPC, D06, D5
LAFARGE NORTH AMERICA INC. - TYPE LGFC2A, LGFC-C/A
UNITED STATES GYPSUM CO. - TYPE AR, C, FRX-G, IP-AR, IP-XI, IP-X2, IP-AR, SCX, SH-X, WRC OR WRX
USG MEXICO S A DE C V - TYPE AR, C, IP-AR, IP-XI, IP-X2, IP-AR, SCX, SH-X, WRC OR WRX

4B. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEMS 4 OR 4A) - NOM 3/4 IN. THICK, 4 FT. WIDE, INSTALLED AS DESCRIBED IN ITEM 4A WITH SCREW LENGTH INCREASED TO 1/4 IN.

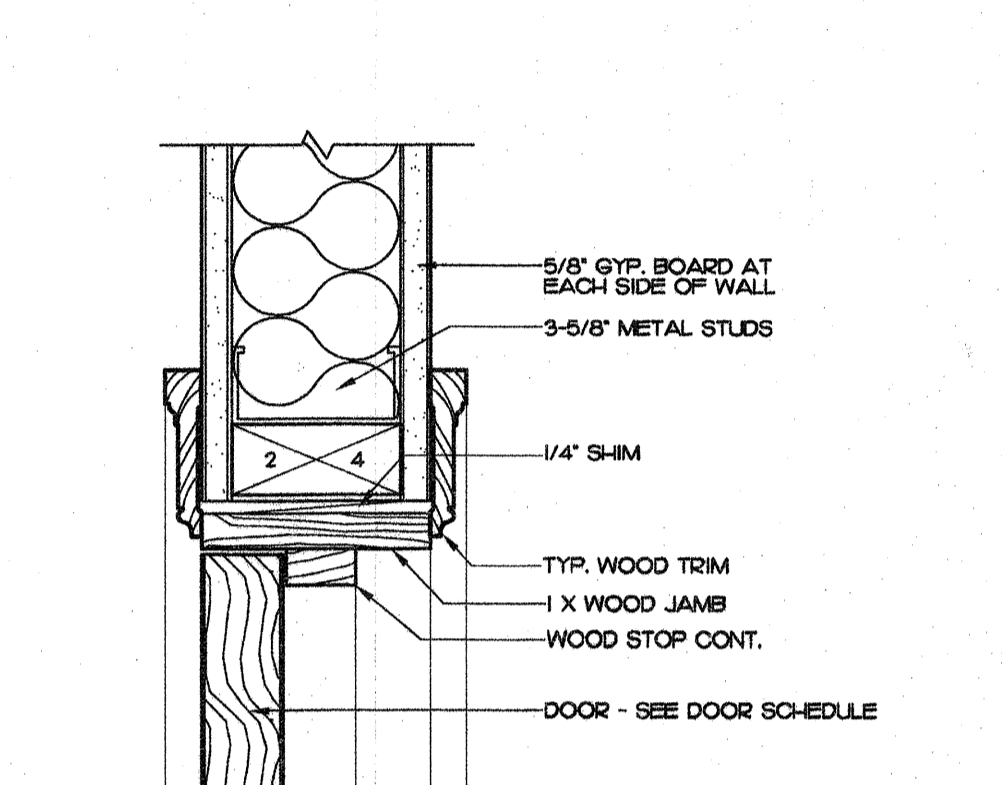
CANADIAN GYPSUM COMPANY - TYPES AR, IP-AR
UNITED STATES GYPSUM CO. - TYPES AR, IP-AR
USG MEXICO S A DE C V - TYPES AR, IP-AR

4C. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEMS 4, 4A, AND 4B) - NOM 5/8 IN. THICK GYPSUM PANELS, WITH SQUARE EDGES, APPLIED HORIZONTALLY. GYPSUM PANELS FASTENED TO FRAMING WITH 1 IN. LONG SQUARE-HEAD STEEL SCREWS SPACED A MAX 8 IN. OC, WITH LAST 2 SCREWS 3/4 IN. AND 4 IN. FROM EACH EDGE OF BOARD. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS ON INTERIOR WALLS NEED NOT BE STAGGERED OR BACKED BY STEEL FRAMING.

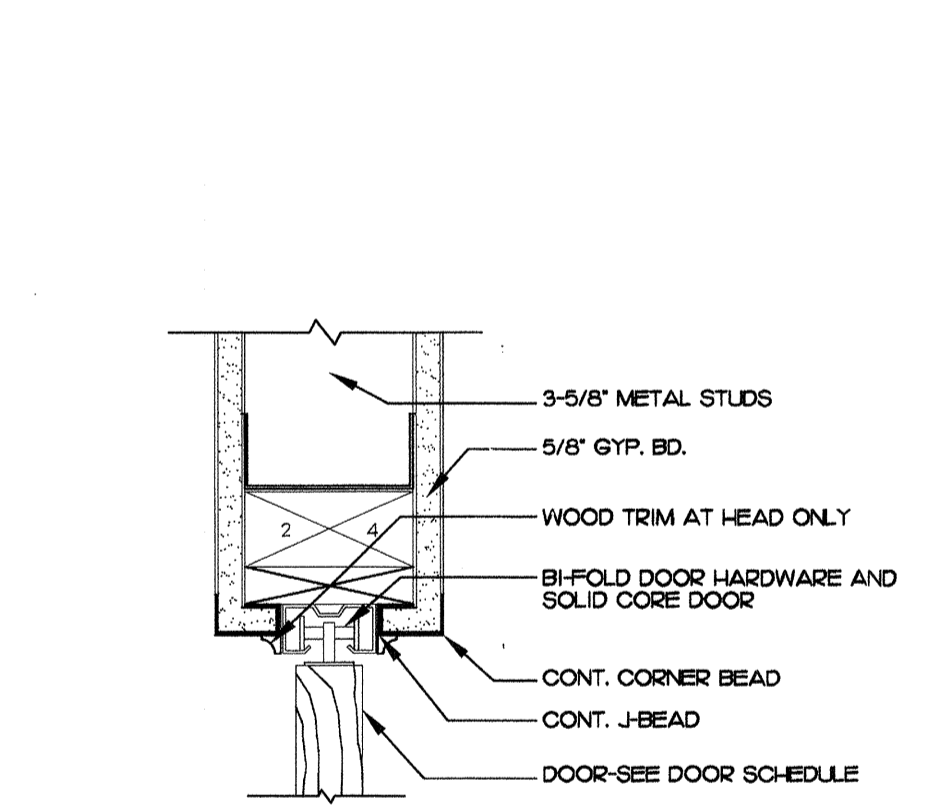
TEMPLE-INLAND FOREST PRODUCTS CORP. - GREENGLASS TYPE X

4D. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEMS 4, 4A, 4B, AND 4C) - NOM 5/8 IN. THICK GYPSUM PANELS APPLIED HORIZONTALLY. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED. GYPSUM PANELS FASTENED TO FRAMING WITH 1 IN. LONG TYPE 5 STEEL SCREWS 1/2 IN. FROM BOARD EDGES, 3 IN. FROM BOARD EDGE AND EVERY 6 IN. OC IN THE FIELD. SCREWS SPACED A MAX 12 IN. ALONG THE TOP AND BOTTOM EDGES OF THE WALL.

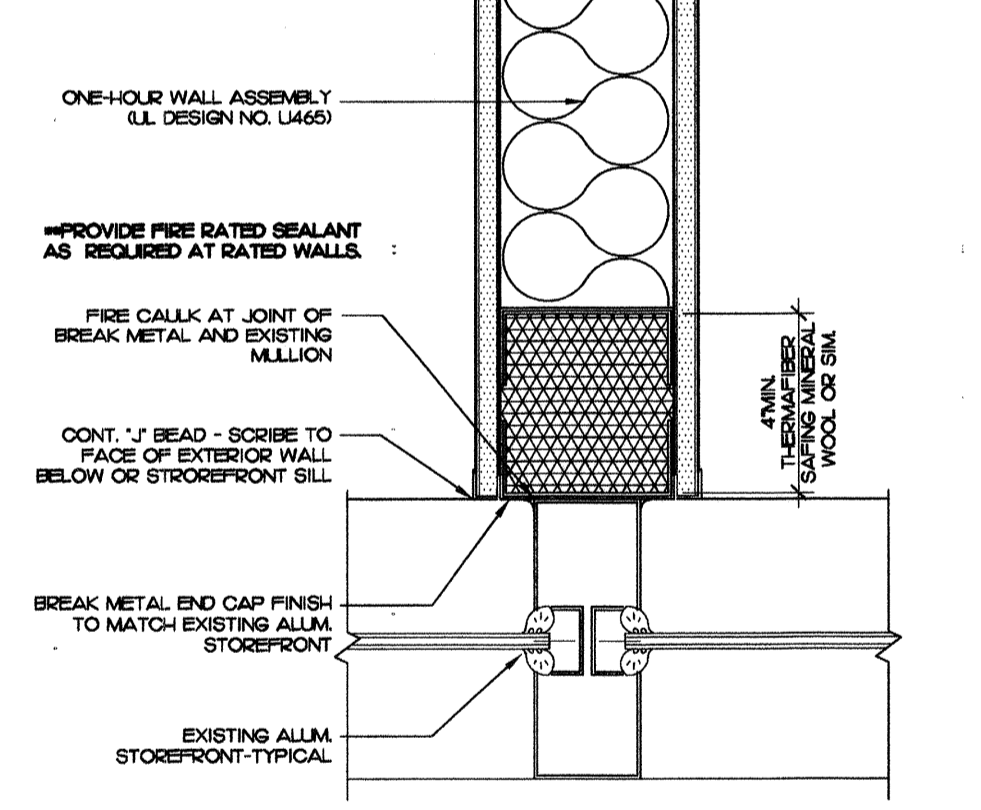
NATIONAL GYPSUM CO. - TYPES FSK, FSK-C, FSK-G, FSW-C, FSW-G, FSW



2 DETAIL AT INT. DOOR HEAD/JAMB
SCALE: 3/4"=1'-0"



12 BI-FOLD DOOR HEAD
SCALE: 3/4"=1'-0"



8 1 HOUR WALL/ MULLION
SCALE: 3/4"=1'-0"

5. JOINT TAPE AND COMPOUND - VINYL DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS, PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS. AS AN ALTERNATE, NOMINAL 5/32 IN. THICK GYPSUM VENEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF CLASSIFIED VENEER BASEBOARD. JOINTS REINFORCED, PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM BOARDS ARE SUPPLIED WITH SQUARE EDGES.

6. RESILIENT CHANNEL - (OPTIONAL, NOT SHOWN) - 25 MSG GALV. STEEL, RESILIENT CHANNELS SPACED VERTICALLY, MAX 24 IN. OC, FLANGE PORTION ATTACHED TO EACH INTERSECTING STUD WITH 1/2 IN. LONG TYPE 5-1/2 PAN-HEAD STEEL SCREWS.

6A. STEEL FRAMING MEMBERS (NOT SHOWN) - (AS AN ALTERNATE TO ITEM 3, FLURRING CHANNELS AND RESILIENT SOUND ISOLATION CLIP AS DESCRIBED BELOW)

A. FLURRING CHANNELS - FORMED OF NO. 25 MSG GALV. STEEL, 2-3/8 IN. WIDE BY 7/8 IN. DEEP, SPACED 24 IN. OC PERPENDICULAR TO STUDS. CHANNELS SECURED TO STUDS AS DESCRIBED IN ITEM 3. ENDS OF ADJOINING CHANNELS ARE OVERLAPPED 6 IN. AND TIED TOGETHER WITH DOUBLE STRAND OF NO. 18 SWG GALV. STEEL WIRE NEAR EACH END OF OVERLAP. AS AN ALTERNATE, ENDS OF ADJOINING CHANNELS MAY BE OVERLAPPED 6 IN. AND SECURED TOGETHER WITH TWO SELF-TAPPING 16 FRAMING SCREWS, MIN. 7/16 IN. LONG AT THE MIDPOINT OF THE OVERLAP, WITH ONE SCREW ON EACH FLANGE OF THE CHANNEL.

B. STEEL FRAMING MEMBERS* - USED TO ATTACH FLURRING CHANNELS (ITEM A) TO STUDS (ITEM 1). CLIPS SPACED 48 IN. OC, AND SECURED TO STUDS WITH 1-5/8 IN. WAFER OR HEX HEAD TYPE 5 STEEL SCREW THROUGH THE CENTER GROMMET. FLURRING CHANNELS ARE FRICTION FITTED INTO CLIPS.

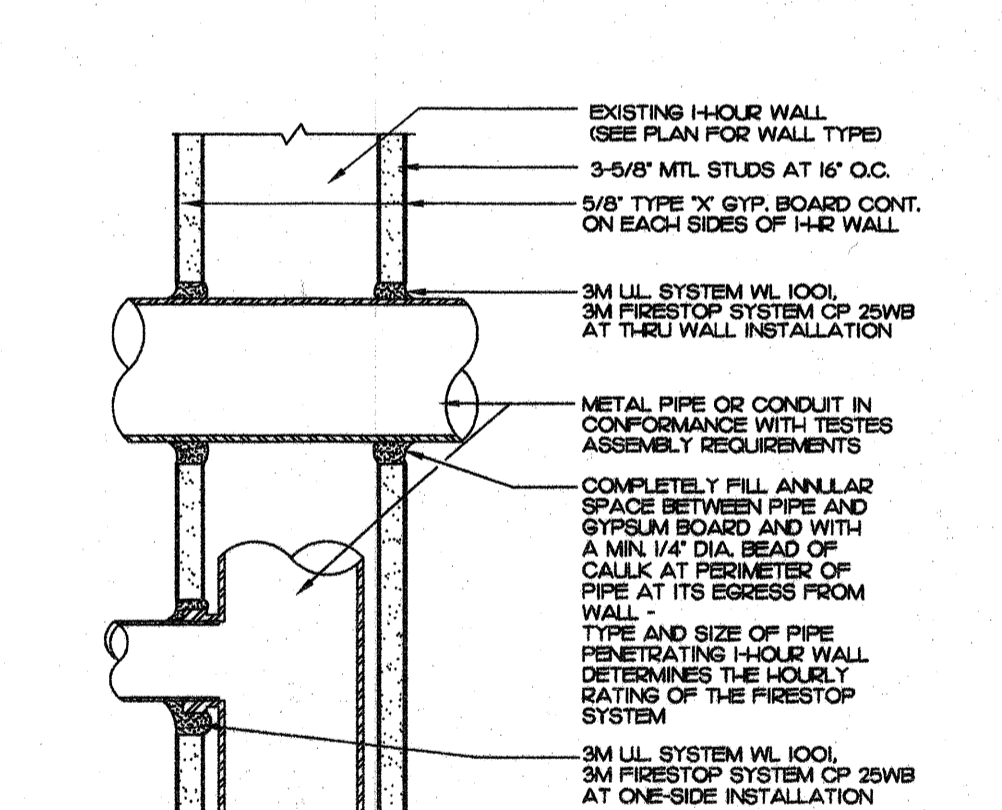
PAC INTERNATIONAL INC. - TYPE RSIC-1

6B. STEEL FRAMING MEMBERS* - (OPTIONAL, NOT SHOWN) - USED AS AN ALTERNATE METHOD TO ATTACH RESILIENT CHANNELS (ITEM 6) CLIPS ATTACHED AT EACH INTERSECTION OF THE RESILIENT CHANNEL AND THE STEEL STUDS (ITEM 2). RESILIENT CHANNELS ARE FRICTION FITTED INTO CLIPS, AND THEN CLIPS ARE SECURED TO THE STUD WITH MIN. 1 IN. LONG TYPE 5/16 PAN-HEAD STEEL SCREWS THROUGH THE CENTER HOLE OF THE CLIP AND THE RESILIENT CHANNEL FLANGE.

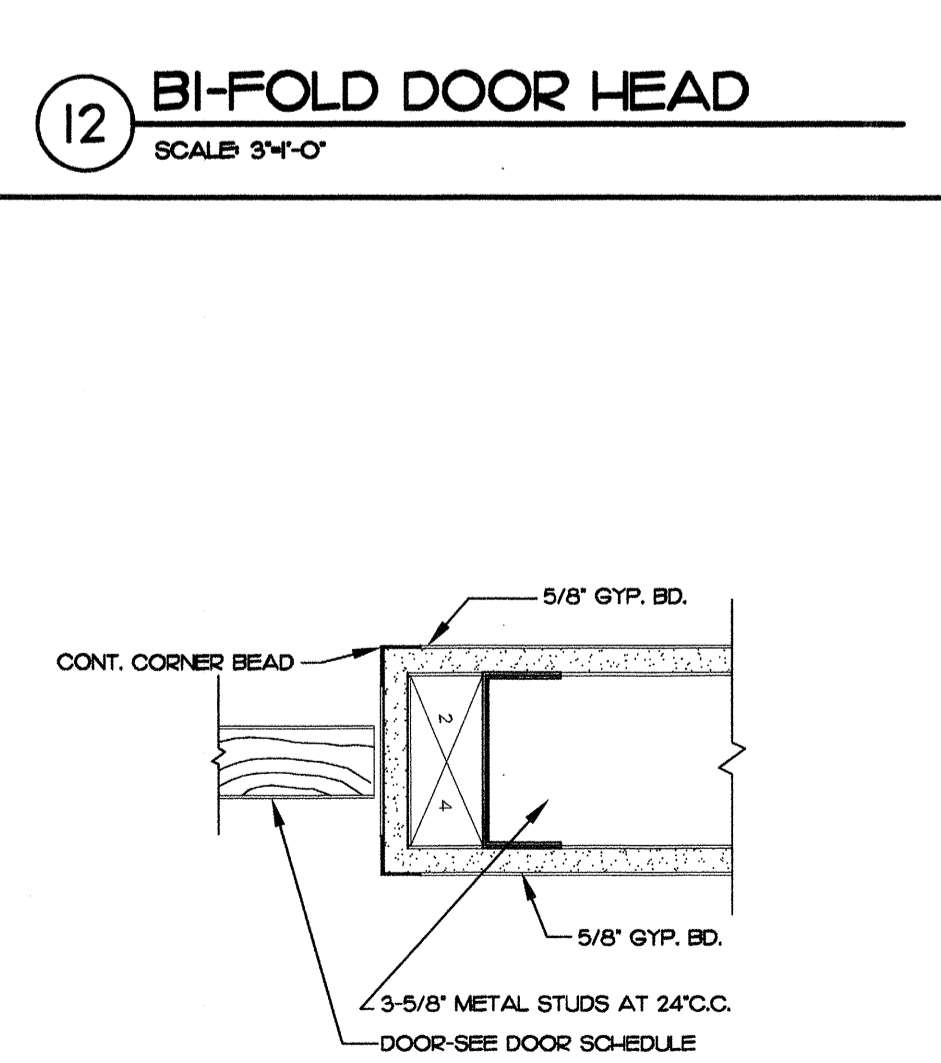
KEENE BUILDING PRODUCTS CO INC. - TYPE RC ASSURANCE

7. WALL AND PARTITION FACINGS AND ACCESSORIES* - (OPTIONAL, NOT SHOWN) - NOMINAL 1/2 IN. THICK, 4 FT. WIDE PANELS, FOR OPTIONAL USE AS AN ADDITIONAL LAYER ON ONE OR BOTH SIDES OF THE ASSEMBLY. PANELS ATTACHED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION WHEN THE GYPSUM PANEL IS INSTALLED BETWEEN THE STEEL FRAMING AND THE UL CLASSIFIED GYPSUM BOARD, THE REQUIRED UL CLASSIFIED GYPSUM BOARD (LAYER) IS TO BE INSTALLED AS INDICATED AS TO FASTENER TYPE AND SPACING EXCEPT THAT THE REQUIRED FASTENER LENGTH SHALL BE INCREASED BY 1/2 IN. NOT EVALUATED OR INTENDED AS A SUBSTITUTE FOR THE REQUIRED LAYERS OF UL CLASSIFIED GYPSUM BOARD.

QUIET SOLUTION INC. - TYPE QUIETROCK OR-510
*BEARING THE UL CLASSIFICATION MARK



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



13 BI-FOLD DOOR JAMB
SCALE: 3/4"=1'-0"

INTERIOR FRAMING LIMITING HEIGHTS

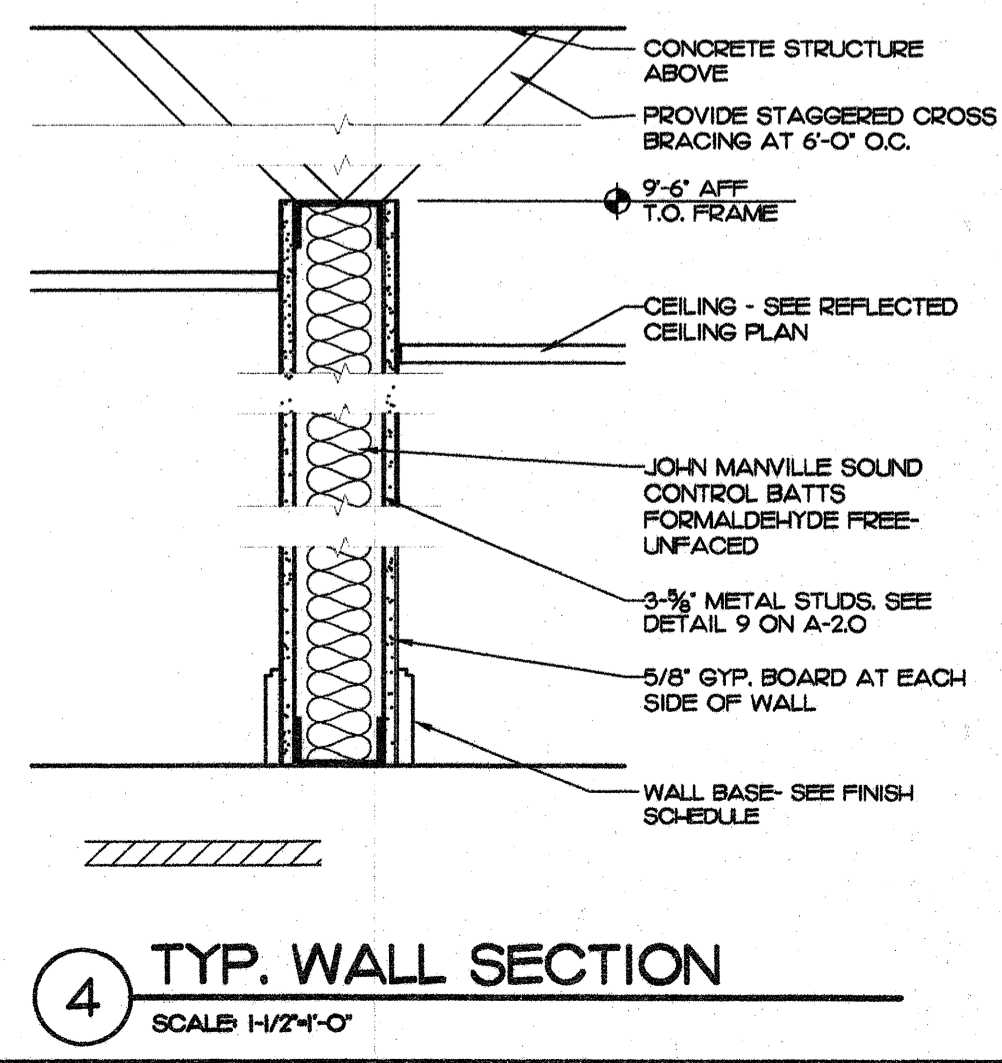
| STUD DEPTH (IN.) | STUD SPACING (IN.) | DESIGN LIMIT (RFR) | ALLOWABLE DEFLECTION | 25 GAUGE FT. IN. | 20 GAUGE FT. IN. |
|------------------|--------------------|--------------------|----------------------|------------------|------------------|
| 1 1/2" | 16 | 5 | L/360 | 8'-3" | |
| 2" | 16 | 5 | L/360 | 10'-9" | 12'-0" |
| 3 1/2" | 16 | 5 | L/360 | 14'-0" | 15'-7" |
| 4" | 16 | 5 | L/360 | 15'-0" | 16'-10" |
| 4" | 16 | 5 | L/360 | 20'-0" | 22'-10" |

NOTES:
1. LIMITING HEIGHTS APPLY TO WALLS CONSTRUCTED WITH A MINIMUM 5/8" THICKNESS OF GYPSUM BOARD AND WITH A MINIMUM OF ONE FULL-HEIGHT LAYER ON BOTH SIDES OF THE STUD FRAMING.
2. LIMITING HEIGHTS ARE BASED ON TESTS CONDUCTED WITH GYPSUM BOARD ATTACHED WITH SCREWS SPACED 12" O.C. TO FRAMING MEMBERS.
3. THIS LIMITING HEIGHT DATA IS FROM ASTM C754. GSPP PRESENTS THIS INFORMATION ONLY AS REFERENCE, AND WILL NOT BE RESPONSIBLE FOR THE PERFORMANCE OF WALLS BASED ON THIS TABLE. CONSULT CURRENT INFORMATION FROM ASTM C754 AND S5MA AND THE STUD MANUFACTURER FOR LIMITING HEIGHT CHARACTERISTICS OF THEIR PARTICULAR PRODUCT.
4. CONTRACTOR TO SUBMIT PRODUCT APPROVAL AND MANUFACTURER SPECIFICATIONS TO ARCHITECT.
5. CONTRACTOR SHALL NOT INSTALL FRAMING THAT EXCEEDS THE HEIGHT LIMITS WITHOUT ADDITIONAL BRACING KICKERS OR HORIZONTAL CHANNELS AS RECOMMENDED BY STUD MANUFACTURER TO ADD STIFFNESS TO THE WALL ASSEMBLY.
6. PROVIDE 20 GA. METAL STUDS AT CABINETRY WALLS

9 INTERIOR FRAMING
SCALE: N.T.S.

5. UL U465
SCALE

NOTE: ALL GYPSUM BOARD MUST BE PRODUCED AND MANUFACTURED IN NORTH AMERICA



4 TYP. WALL SECTION
SCALE: 1/2"=1'-0"

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ARCHITECTURE • INTERIOR DESIGN, INC.

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Cecilia M. Spina #AFL13419

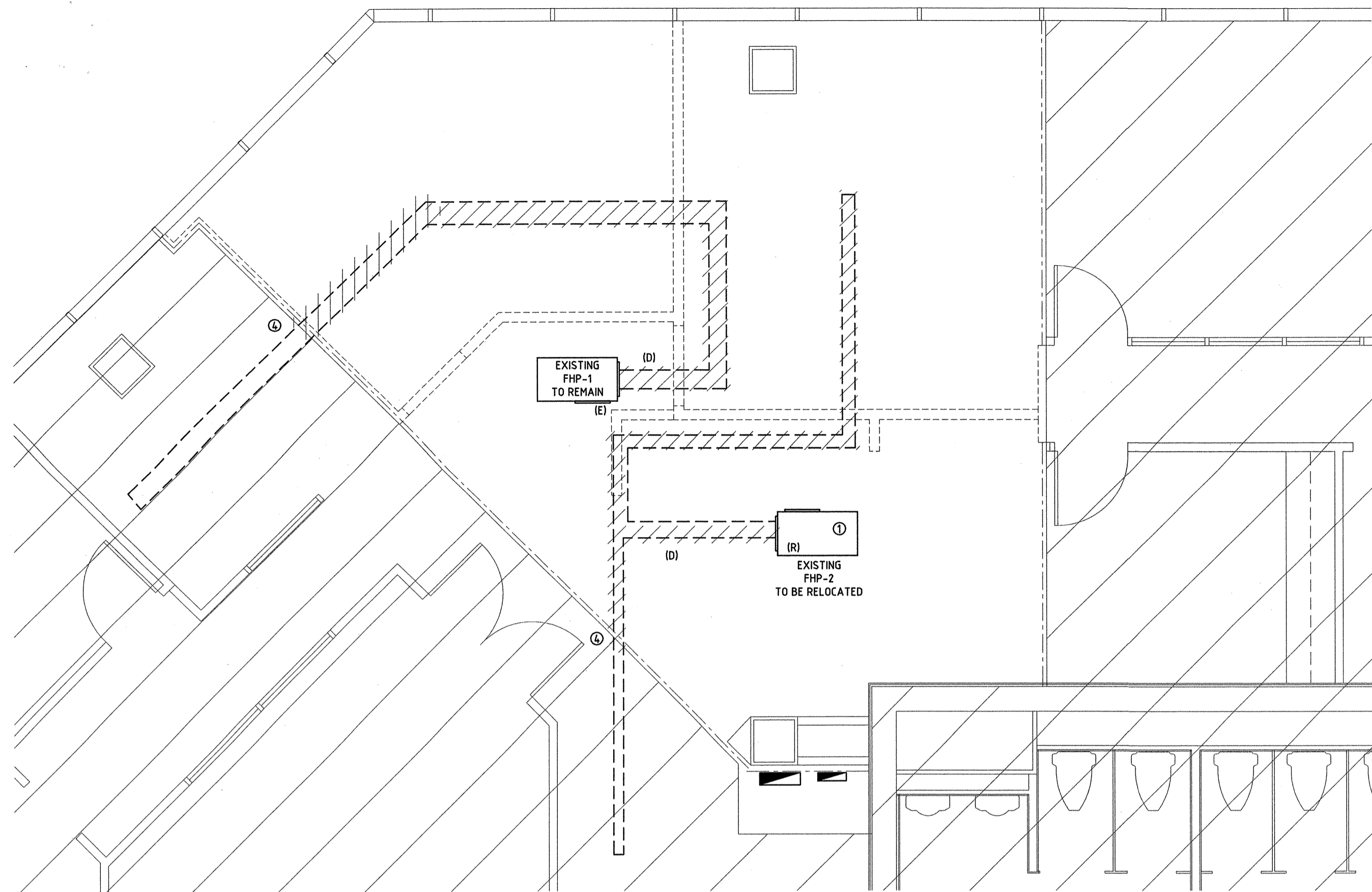
GSP

**TENANT IMPROVEMENTS FOR:
SUITE 701 EXPANSION**
NORTH BRIDGE CENTER
515 N. FLAGLER DRIVE
WEST PALM BEACH, FLORIDA

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sheet title: DETAILS
file name: NB-701-Expansion-Dims.dwg
project no: 10222
date: 11/03/10
drawn by: CP
checked by: KS

A-2.0



DEMOLITION NOTES:

1) ALL MATERIALS TO BE REMOVED AND DISCARDED ARE TO BE DISPOSED OF PER BUILDING OWNER'S AUTHORIZED REPRESENTATIVE'S DIRECTIVE.

2) ALL MATERIALS ARE TO BE REMOVED AND DISCARDED SUCH THAT DAMAGE IS NOT INCURRED BY NEIGHBORING MATERIALS, DUCTWORK AND/OR DIFFUSERS.

KEY NOTES:

① RELOCATE EXISTING UNIT INTO ADJACENT VACANT SPACE FOR FUTURE USE.

② 6" Ø O/A DUCT WITH MVD AND AVD. CONNECT TO NEAREST OUTSIDE AIR DUCT. VERIFY EXACT LOCATION IN FIELD. PROVIDE FIRE DAMPERS WHERE PENETRATING ANY FIRE RATED ASSEMBLIES AND INSTALL PER MANUFACTURERS INSTRUCTIONS. RUSKIN-BD20 OR EQUAL.

③ PROVIDE SOUND BOOT AT R.A.G. SEE DETAIL #5 THIS SHEET

④ CUT DUCTWORK BEYOND FIRE RATED WALL AND PATCH AND REPAIR WALL TO MEET APPROPRIATE RATING.

A/C LEGEND

- ☒ 4W - DIFFUSER
- ☒ 2W - DIFFUSER
- ☒ TRANSITION
- ☒ MANUAL VOLUME DAMPER (M.V.D.)
- ☒ FIRE DAMPER (F.D.)
- ☒ THERMOSTAT
- ☒ RETURN AIR GRILLE
- ☒ REMOTE ALARM TEST STATION
- ☒ SMOKE DUCT DETECTOR
- ☒ CONDENSATE LINES
- ☒ DIFFUSER TYPE
- ☒ CFM
- ☒ AUTOMATED VOLUME DAMPER
- ☒ HEAT PUMP

ABBREVIATIONS

- A.F.F. ABOVE FINISHED FLOOR
- R.A. RETURN AIR
- R.C. ROOF CAP
- W.C. WALL CAP
- O/A OUTSIDE AIR
- S.A.D. SUPPLY AIR DUCT
- R.A.D. RETURN AIR DUCT
- R.A.G. RETURN AIR GRILLE
- E.A.G. EXHAUST AIR GRILLE
- T.E.D. TOILET EXHAUST DUCT
- AVD AUTOMATED VOLUME DAMPER
- FHP FLORIDA HEAT PUMP
- AHU AIR HANDLER UNIT
- CU CONDENSING UNIT
- WAHU WALL MOUNTED AIR HANDLER UNIT
- CAHU CEILING MOUNTED AIR HANDLER UNIT
- (N) NEW
- (E) EXISTING TO REMAIN
- (D) EXISTING TO BE DEMOLISH
- (R) EXISTING TO BE RELOCATED

- ☒ UP ☒ DN SUPPLY DUCT (UP & DOWN)
- ☒ UP ☒ DN RETURN DUCT (UP & DOWN)
- ☒ UP ☒ DN EXHAUST DUCT (UP & DOWN)
- ☒ UP ☒ DN O/A DUCT (UP & DOWN)

- ☒ NEW DUCT - WIDTH x DEPTH
- ☒ EXISTING DUCT - WIDTH x DEPTH
- ☒ EXISTING DUCT TO BE REMOVED - WIDTH x DEPTH
- ☒ NEW FLEX DUCT - DIAMETER

PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED.

THE ENGINEER AND THE ARCHITECT, ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER CONTRACT HAS BEEN AWARDED.

NO CHANGES SHALL BE MADE TO THESE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD. ALL CHANGES SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION.

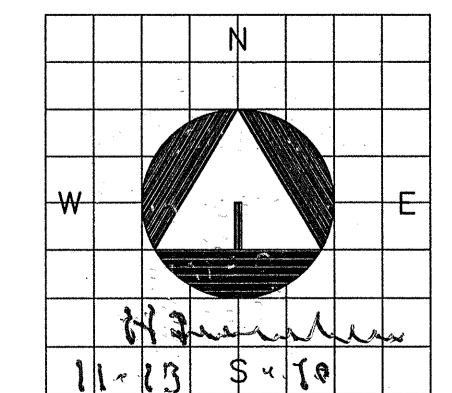
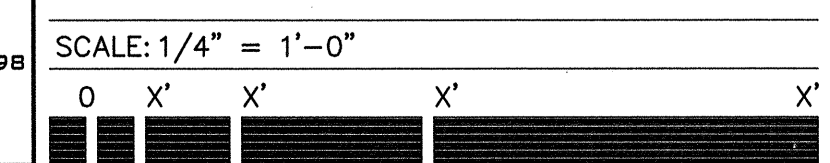
NOT FOR BID UNTIL PERMIT HAS BEEN ISSUED.

PERMIT SET: 11/12/10

FAE CONSULTING

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MECHANICAL DEMO PLAN



TENANT IMPROVEMENTS FOR:
SUITE 701 EXPANSION
NORTH BRIDGE CENTER
515 N. FLAGLER DRIVE
WEST PALM BEACH, FLORIDA

sheet title: MECHANICAL DEMO PLAN
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project no: 10408
date: 11/12/10
drawn by: CI/ABIAN
checked by: HRT

revisions:

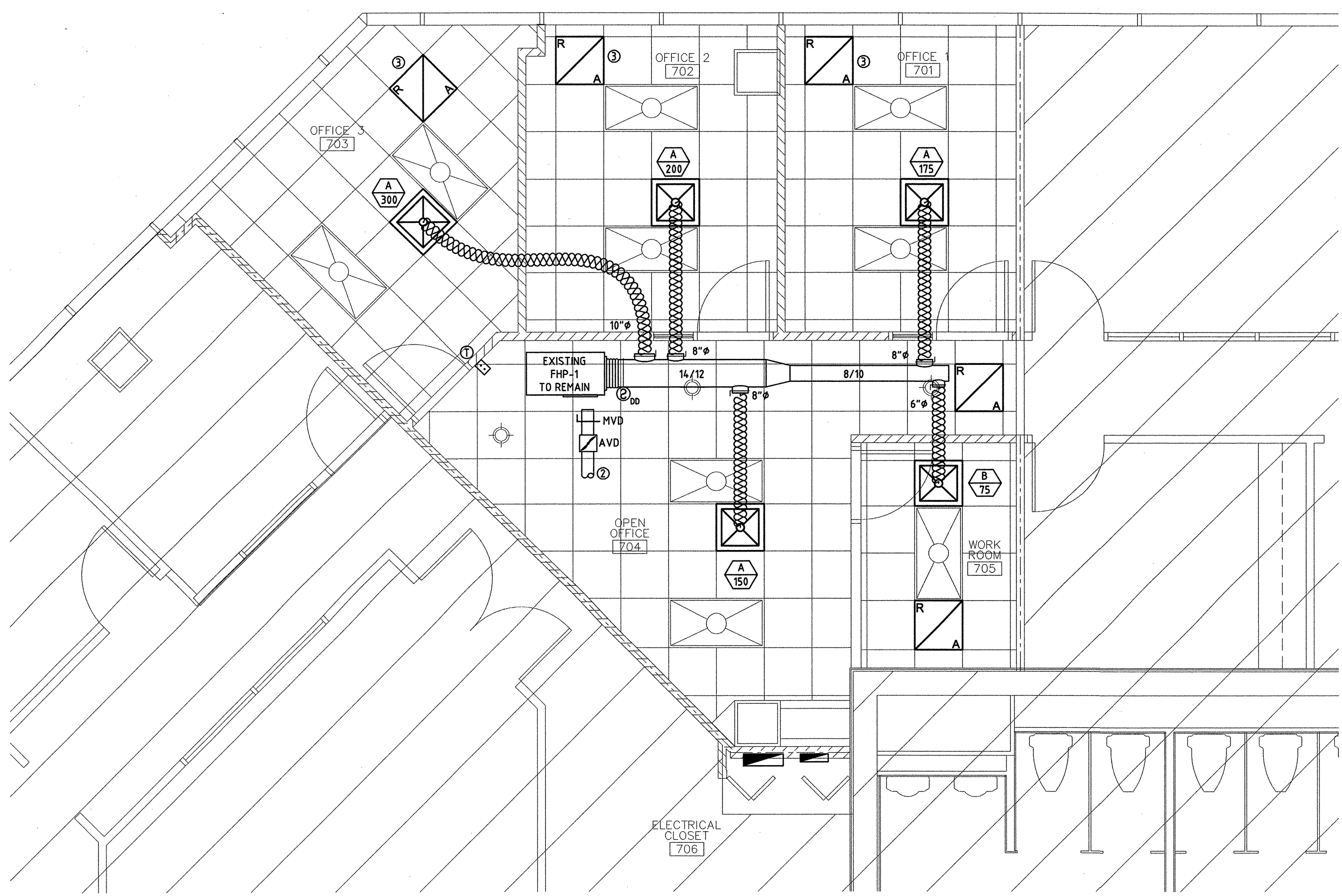
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OUTSIDE AIR SCHEDULE per ASHRAE 62.1-2004

| SPACE | NET OCCUPIED AREA | OCCUPANCY DENSITY PER 1000 SQFT | ESTIMATED OCCUPANCY | ACTUAL OCCUPANCY | VENTILATION RATE CFM PER PERSON x SQFT | VENTILATION REQUIRED | VENTILATION PROVIDED | NOTES |
|--------|-------------------|---------------------------------|---------------------|------------------|--|----------------------|----------------------|-------|
| OFFICE | 780 | 5 | 4 | - | 5 x 0.06 | 20 x 47 = 67 | 80 | FHP-1 |

NOTES:
 1) OCCUPANT DENSITIES & VENTILATION RATES ARE BASED ON ASHRAE STANDARD 62.1, 2004 & 2006 SUPPLEMENT, PER SECTION 403, SUBSECTION 403.4 OF FLORIDA BUILDING CODE MECHANICAL 2007
 2) ACTUAL OCCUPANCY IS BASED ON EITHER SEATING ARRANGEMENT OR INFORMATION PROVIDED BY OWNER AND OR ARCHITECT.

EXISTING WATER SOURCE HEAT PUMP DATA

| QTY. | UNIT NO. | MFG. | MODEL NO. | TOTAL | SENSIBLE | HEAT REJECT. | FAN SECTION CFM | E.S.P. | O/A | GPM/P.D. (FT) | EER/COP | WATER TEMP ENT. | LVLG. | CWS & CWR CONNECTION |
|------|----------|------|-----------|----------|----------|--------------|-----------------|--------|-----|---------------|----------|-----------------|-------|----------------------|
| 1 | FHP-1 | FHP | HE27-2 | EXISTING | EXISTING | EXISTING | 900 | 0.2 | 80 | EXISTING | EXISTING | 85 | 95 | EXISTING |

A/C EQUIPMENT NOTES:
 1) HEAT PUMP IS EXISTING TO REMAIN. SHOWN FOR REFERENCE AND CFM VALUES ONLY. SEE BASE BUILDING DRAWINGS FOR MORE INFORMATION.
 2) IF NOT ALREADY EXISTING, PROVIDE PROGRAMMABLE THERMOSTAT COMPATIBLE WITH EXISTING UNIT. VERIFY TYPE OF THERMOSTAT WITH BUILDING ENGINEER.

EXISTING HP ELECTRICAL DATA

| UNIT NO. | V/P/Hz | COMPRESSOR | | | | | | HEATING | ELECTRIC HEAT | AIR HANDLER UNIT | |
|----------|----------|------------|------|------|-----|-----|---------------|---------|---------------|------------------|--|
| | | QTY | FLA | LRA | HP | FLA | MIN. CAPACITY | | | MAX FUSE | |
| FHP-1 | 240/1/60 | 1 | 10.3 | 45.0 | 1/4 | 1.6 | 34,400 | - | 14.5 | 20 | |

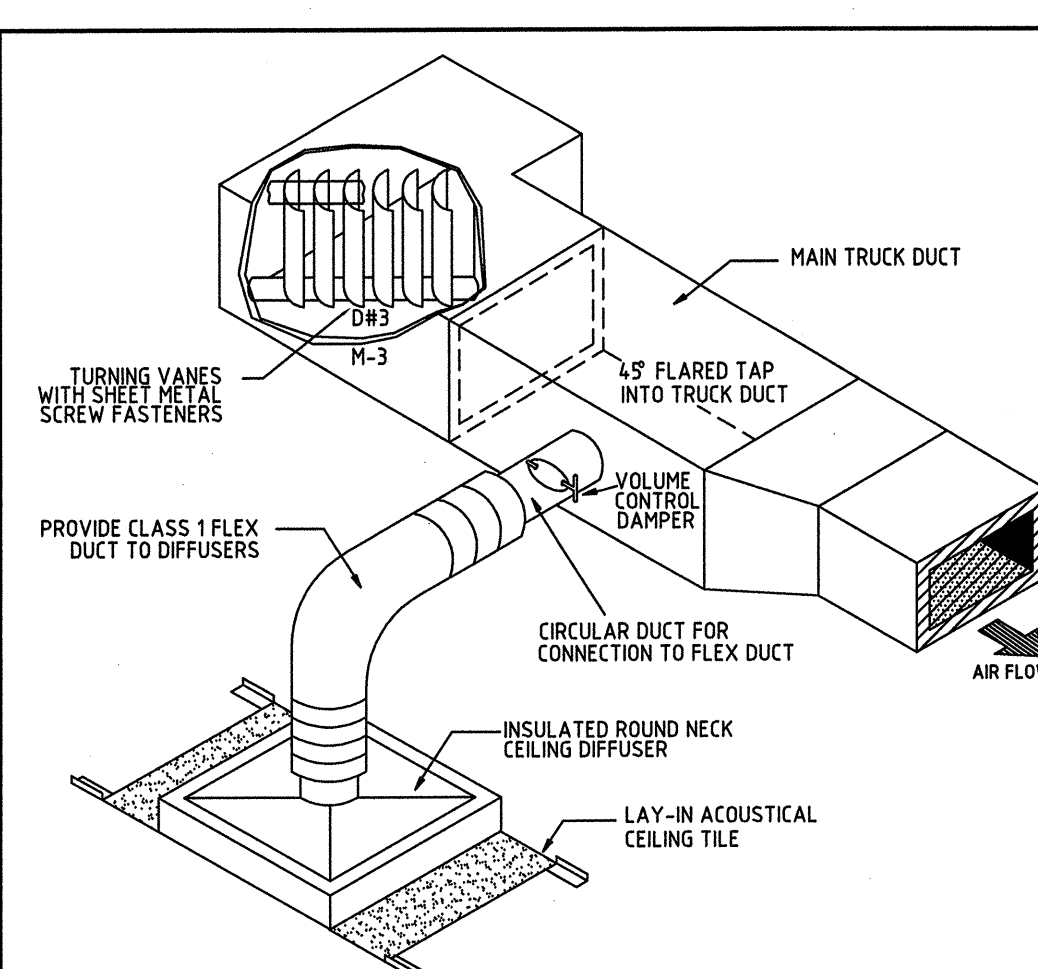
AIR TERMINAL SCHEDULE (TITUS)

| SERVICE | SYSTEM | LOCATION | ACCESSORIES | MANUFACTURE | MODEL | DESCRIPTION |
|---------|--------|----------|-------------|-------------|------------------|----------------------------------|
| A | SUPPLY | CEILING | - | TITUS | MODEL NO. TDC-AA | 12" x 12" 4-WAY |
| B | SUPPLY | CEILING | - | TITUS | MODEL NO. TDC-AA | 6" x 6" 4-WAY |
| RA | RETURN | CEILING | - | TITUS | MODEL NO. 350FL | 24" x 24" UNLESS OTHERWISE NOTED |

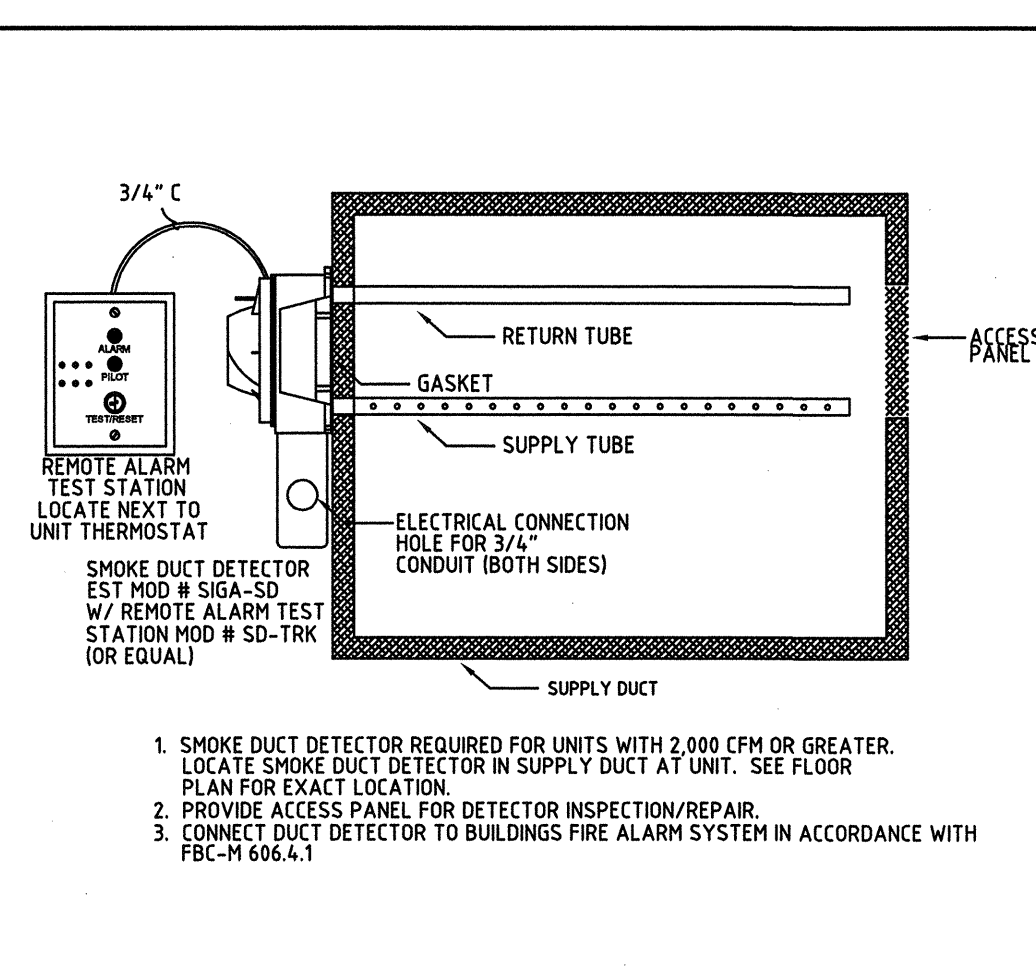
AIR TERMINAL NOTES:
 1) STANDARD FINISH TO BE WHITE FOR ALL DEVICES.
 2) ALL DIFFUSER TYPES MIGHT NOT BE USED.

AIR CONDITIONING SPECIFICATION

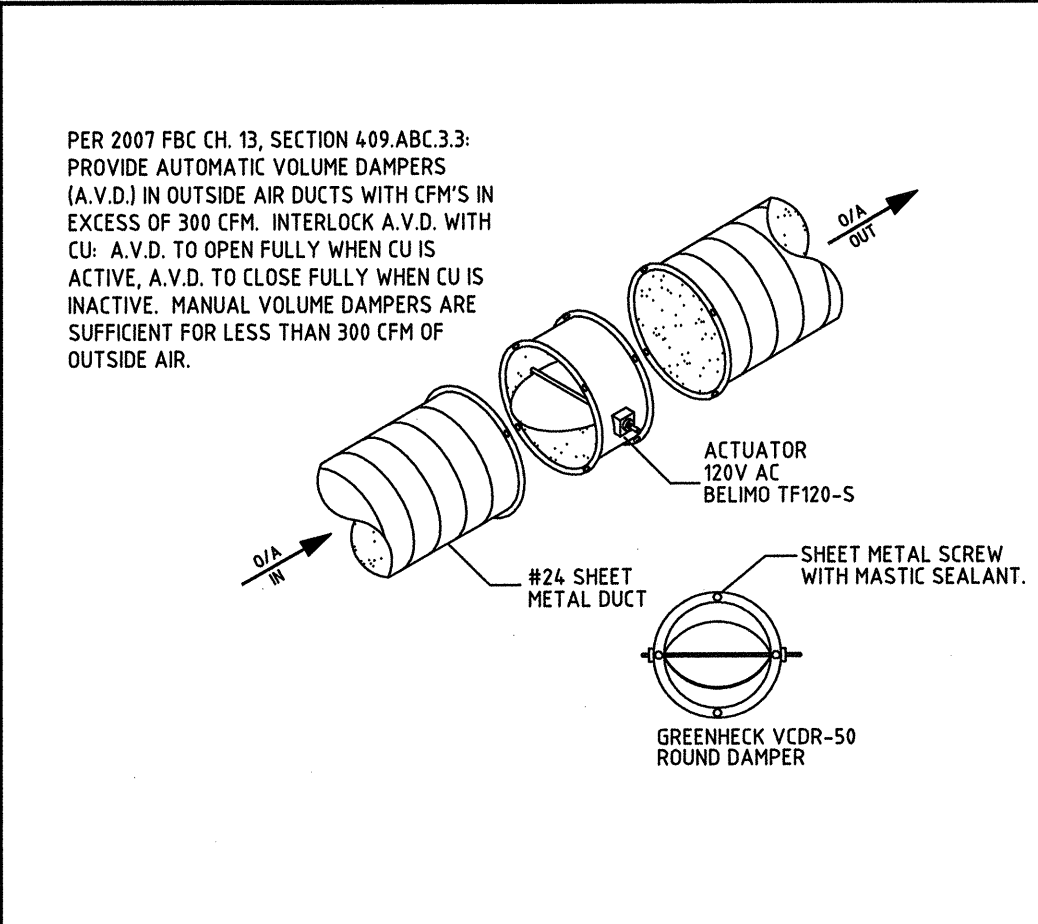
- GENERAL**
- AIR CONDITIONING CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BID AND VERIFY ALL CONDITIONS, LOCATIONS, DIMENSIONS, MATERIALS, ELEVATIONS AND COUNTS AS SHOWN AND/OR NOTED ON THE DRAWINGS AND INCLUDE IN THE BID ANY AND ALL FABRICATION REQUIRED PRIOR TO INSTALLATION. THE CONTRACTOR SHALL VERIFY SIZE, ELEVATION, AND PRESENT STATE OF ALL EXISTING UTILITIES.
- THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY AND ALL EXISTING FIELD CONDITIONS WHICH DEVIATE FROM WHAT WAS SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PRICING FOR A COMPLETE INSTALLATION INCLUDING ANY COSTS ASSOCIATED WITH FIELD CONDITIONS AT THE TIME OF BIDDING.
- IT SHALL BE THE RESPONSIBILITY OF THE AIR CONDITIONING CONTRACTOR TO THE ADVANCED ORDERING OF LONG LEAD ITEMS SO THAT DELIVERY WILL NOT INTERFERE WITH THE PRODUCTION OF OTHER TRADES RESULTING IN ANY DOWN OR LAG TIME.
- IT SHALL BE THE RESPONSIBILITY OF THE AIR CONDITIONING CONTRACTOR TO PROVIDE ALL LABOR, MATERIALS, AND SUPERVISION NECESSARY TO ACCOMPLISH THE WORK SHOWN AND/OR NOTED ON THE DRAWINGS. THE DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR EXACT LOCATIONS. THE AIR CONDITIONING CONTRACTOR SHALL INSTALL ALL NECESSARY OFFSETS, BENS, AND TRANSITIONS AS REQUIRED TO PROVIDE A COMPLETE AND FULLY OPERATIVE SYSTEM. ALL DUCT SIZES ARE CLEAR WIDTH DIMENSIONS. CONTRACTOR SHALL NOTIFY ENGINEER IF DUCT SIZE CHANGES ARE REQUIRED BECAUSE OF EXISTING CONDITIONS.
- CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, TESTS, AND ALL REQUIRED INSURANCE FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- AFTER BID SELECTION AND PRIOR TO COMMENCEMENT OF WORK, THE AIR CONDITIONING CONTRACTOR SHALL SUBMIT (6 COPIES) OF EQUIPMENT CUTS FOR ALL DUCT WORK, EXHAUST FANS, AIR DEVICES, AND EQUIPMENT AS STATED ON SCHEDULES AND/OR NOTES. IF THE CONTRACTOR PROPOSES TO USE ANY ARTICLE, DEVICE, PRODUCT, OR MATERIAL WHICH IS NOT AS SPECIFIED, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVE TO THE ENGINEER THAT THE PROPOSED SUBSTITUTION IS EQUAL AND WILL FIT ALLOCATED SPACE.
- WORKMANSHIP**
- ALL WORK SHALL BE PERFORMED BY A LICENSED AIR CONDITIONING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE NATIONAL, STATE AND LOCAL CODES AND ORDINANCES.
- THE AIR CONDITIONING CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR TO ORIGINAL CONDITION ANY AND ALL DAMAGES TO BUILDING SURFACES, EQUIPMENT, AND FURNISHINGS CAUSED BY THE CONTRACTOR DURING THE PERFORMANCE OF WORK.
- 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 THEREBY.
- PIPING**
- ALL REFRIGERANT PIPING SHALL BE TYPE "L" OR TYPE "K" COPPER WITH WROUGHT COPPER OR BRASS FITTINGS. STEEL VALVES ARE NOT PERMITTED.
- ALL CONDENSATE DRAIN PIPING AND REFRIGERANT SUCTION LINES SHALL BE INSULATED WITH 5/8" THICK PINKLOK OR ARMAFLEX.
- COMBUSTIBLE PIPING IS NOT PERMITTED IN RETURN AIR PLENUMS OR CEILING SPACES USED FOR RETURN AIR.
- INSTALLATION**
- LOCATION OF AIR CONDITIONING DUCTS AND AIR DEVICES MAY CHANGE. VERIFY EXACT LOCATION WITH ARCHITECT/ENGINEER PRIOR TO INSTALLATION. DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF DUCTS, DIFFUSERS, GRILLES, REGISTERS, PIPING, EQUIPMENT, ETC. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF AIR DEVICES.
- THE AIR CONDITIONING CONTRACTOR SHALL MOUNT ALL ROOFTOP EQUIPMENT ON FACTORY FABRICATED CURBS AND ANCHORS FOR A MINIMUM OF 140 MPH WIND LOADS. WIND LOADS AT MOUNTING HEIGHTS SHALL BE AS REQUIRED BY LOCAL CODES.
- THE AIR CONDITIONING CONTRACTOR SHALL USE VANED ELBOWS OR APPROVED 3 PIECE ELBOWS, SPLITTER DAMPERS WHERE INDICATED, VOLVUE CONTROLS IN ALL BRANCH LINES AND SUPPLY AND RETURN AIR DEVICES.
- THE AIR CONDITIONING CONTRACTOR SHALL SEAL ALL DUCTS IN AN APPROVED MANNER TO INSURE AGAINST LEAKAGE.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID ANY CONFLICTS IN LOCATIONS FOR DUCTS, DIFFUSERS, GRILLES, REGISTERS, PIPING, EQUIPMENT, ETC., IN ORDER TO NOT INTERFERE WITH THE PROGRESS OF CONSTRUCTION.
- EQUIPMENT AND MATERIALS**
- THE AIR CONDITIONING CONTRACTOR SHALL PROVIDE FLEXIBLE DUCT CONNECTIONS TO ALL FANS, A/C UNITS, OR MECHANICAL EQUIPMENT, EXCEPT FOR EXHAUST HOODS.
- ALL EXHAUST AND OUTSIDE AIR DUCTS SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHRAE, SHAKMA, AND LOCAL CODES. ALL OUTSIDE AIR DUCTS SHALL HAVE 1" INSULATION IN AIR CONDITIONED SPACES.
- UNLESS NOTED AS EXISTING, ALL EQUIPMENT, PIPING, DUCTS, REGISTERS, ETC., SHALL BE NEW.
- TERMINAL AIR DISTRIBUTION DEVICES SHALL BE TITUS, METALAIR OR NAILOR-HART OR EQUAL AS SCHEDULED.
- ALL VOLVUE DAMPERS SHALL BE OPPOSED BLADE TYPE WITH SCREWDRIVER ADJUSTMENT.
- ALL SUPPLY AND RETURN FIBERGLASS AIR DUCTWORK SHALL BE JOHNS HANVILLE FIBERGLASS (15" THICK) TYPE 475 OR 800 OR SHEET METAL WITH MINIMUM R-6 EXTERIOR FOILBACK INSULATION UNLESS OTHERWISE NOTED ON PLANS.
- ALL DUCTS SHALL BE SUPPORTED IN AS STRAIGHT AND LEVEL AS FASHION AS POSSIBLE. THE ENTIRE INSTALLATION SHALL BE INSTALLED IN ACCORDANCE WITH ASHRAE, SHAKMA, AND LOCAL CODES.
- FLEXIBLE DUCTS SHALL BE UL-181 RATED, NONMETALLIC, CLASS 1, R-6 - INSTALLED IN ACCORDANCE WITH FBC-M-304.1 FLEXIBLE DUCTS SHALL NOT BE LIMITED IN LENGTH PER FBC-M-693.5.11
- THE AIR CONDITIONING CONTRACTOR SHALL PROVIDE ALL CONTACTORS, STARTERS, RELAYS, AND THERMOSTATS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS, POWER WIRING AND CONTROL WIRING.
- THE AIR CONDITIONING CONTRACTOR SHALL PROVIDE 1" THICK FARR 30/30 (THROW-AWAY TYPE) FILTERS WITH EACH A/C UNIT.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR UNDERWRITERS LABEL WHERE APPLICABLE.
- SAFETY**
- ALL PENETRATIONS OF FIRE-RATED WALLS, FLOORS OR CEILINGS SHALL BE FIREPROOFED BY A SEALING METHOD AND RATING AS SPECIFIED ON THE DRAWINGS OR AS REQUIRED BY THE LOCAL OR STATE CODES.
- AIR HANDLING DEVICES IN EXCESS OF 2000 CFM WILL HAVE A DUCT SMOKE DETECTOR TO STOP THE FAN AND ACTIVATE A HORN AND STROBE LIGHT. ALL EQUIPMENT SHALL BE INTERLOCKED AS REQUIRED BY LOCAL CODES OR FIRE SAFETY OFFICIALS.
- ALL WORK SHALL COMPLY WITH BASE BUILDING LIFE SAFETY/SMOKE CONTROL SYSTEM REQUIREMENTS. PROVIDE ALL NECESSARY WIRING, CONTACTORS, RELAYS, ETC., AS REQUIRED FOR INTERFACE WITH BASE BUILDING SYSTEM.
- THE AIR CONDITIONING CONTRACTOR SHALL KEEP ALL AREAS IN WHICH WORK IS BEING PERFORMED, FREE FROM DEBRIS AT ALL TIMES AND SAID AREAS SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.
- COMPLETION**
- THE AIR CONDITIONING CONTRACTOR SHALL PROVIDE A COMPLETE SET OF AS BUILT DRAWINGS TO THE ENGINEER UPON COMPLETION OF INSTALLATION. IF FIELD CHANGES ARE MADE WHICH DEVIATE FROM ENGINEERING DRAWINGS TO THE EXTENT THAT THE BUILDING DEPARTMENT REQUIRES THESE CHANGES BE INCORPORATED PRIOR TO INSPECTION, THE CONTRACTOR SHALL PROVIDE SKETCHES TO THE ENGINEER FOR INCORPORATION INTO THE BUILDING PLANS. ENGINEERING EXPENSES THAT ARE INCURRED DUE TO REVISIONS OR SUBSTITUTIONS REQUESTED BY THE CONTRACTOR SHALL BE PAID FOR BY THAT CONTRACTOR.
- THE AIR CONDITIONING CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT PER FBC 2007, CH 13, 4.10-1A(BCD.4) FOR ALL MECHANICAL EQUIPMENT, AIR DEVICES, DAMPERS, AHUs AND FANS FOR ALL PROJECTS.
- THE T & B REPORT SHALL BE IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS AND SHALL INCLUDE AIR QUANTITIES FOR ALL SUPPLY GRILLES, RETURN GRILLES, AND EXHAUST GRILLES AND THE LEAVING AND ENTERING AIR TEMP (T) FROM SUPPLY GRILLES AND EXHAUSTS. IF THE OWNER EXPERIENCES UNCOMFORTABLE CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF AIR FLOW TO WITHIN PLUS OR MINUS 10% FROM AIR QUANTITIES STATED ON THE PLANS.
- THE AIR CONDITIONING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP TO BE FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN (1) YEAR FROM DATE OF ACCEPTANCE, AND ALL GUARANTEES AND WARRANTIES SHALL BE DELIVERED TO THE OWNER. COMPRESSORS SHALL HAVE EXTENDED FIVE YEAR WARRANTIES.
- EXISTING CONDITIONS**
- IF THE NATURE OF THIS CONTRACT INVOLVES EXTENSIVE REMODELING OF THE EXISTING BUILDING, THE AIR CONDITIONING CONTRACTOR, PRIOR TO BID, SHALL INSPECT THE EXISTING CONDITIONS AT THE JOB SITE AND ACQUAINT HIMSELF WITH THE CONDITIONS THAT WILL AFFECT THIS WORK.
- PRIOR TO INSTALLATION, THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL EQUIPMENT WITH THE OWNER'S REPRESENTATIVE AND THE ACTUAL EQUIPMENT BEING FURNISHED.
- PRESENT AIR CONDITIONING EQUIPMENT WHERE INDICATED ON THE DRAWINGS IS FOR INFORMATION ONLY AND THE CONTRACTOR SHALL INCLUDE THE INSTALLATION OF NEW EQUIPMENT THAT INTERFERES WITH EXISTING SHALL BE REMOVED, RELOCATED, OR RE-ROUTED TO PERMIT COMPLETION OF SUCH WORK.
- SALVAGED MATERIALS, EQUIPMENT, AND DIFFUSERS SHALL BE DELIVERED TO THE OWNER AT HIS PROPERTY AND STORED WITHIN THE BUILDING WHERE DIRECTED. ANY REMOVED MATERIALS OR EQUIPMENT WHICH THE OWNER DOES NOT WANT TO KEEP SHALL BE DISPOSED OF BY THE CONTRACTOR, WITHOUT ADDITIONAL COST TO THE OWNER.
- ALL PRESENT DUCTWORK AND PIPING IN EXISTING AREAS TO BE ALTERED, WHICH WILL HAVE NO USE UPON COMPLETION OF THE ALTERATIONS SHALL BE REMOVED, WHENEVER DUCTS OR PIPING ARE OR WILL BECOME EXPOSED TO VIEW, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- THE AIR CONDITIONING CONTRACTOR SHALL DETERMINE THE EXTENT TO WHICH EXISTING DUCTWORK AND PIPING WILL HAVE TO BE RE-ROUTED, RELOCATED, OR RECONNECTED, AND THE AMOUNT OF ADDITIONAL WORK WHICH MAY BE REQUIRED DUE TO THE PHYSICAL CONDITIONS OF THE DUCTWORK & PIPING SHALL BE PERFORMED UNDER THIS CONTRACT WITHOUT ADDITIONAL CHARGES TO THE OWNER.
- INTERRUPTION OF EXISTING FACILITIES OR SERVICES SHALL BE KEPT TO A MINIMUM AND THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR REQUIRED WHENEVER TEMPORARY CONDITIONS ARE NECESSARY TO MAINTAIN CONTINUITY OF SERVICE. INTERRUPTION OF SERVICES, THE INSTALLATION OF TEMPORARY FACILITIES, AND THE WORK OF MAKING FINAL CONNECTIONS TO NEW WORK SHALL BE DONE ONLY AT TIMES AS PERMITTED AND SCHEDULED BY THE OWNER WITHOUT ADDITIONAL COST. THE AIR CONDITIONING CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE SERVICE INTERRUPTIONS WITH THE OWNER'S GENERAL CONTRACTOR.



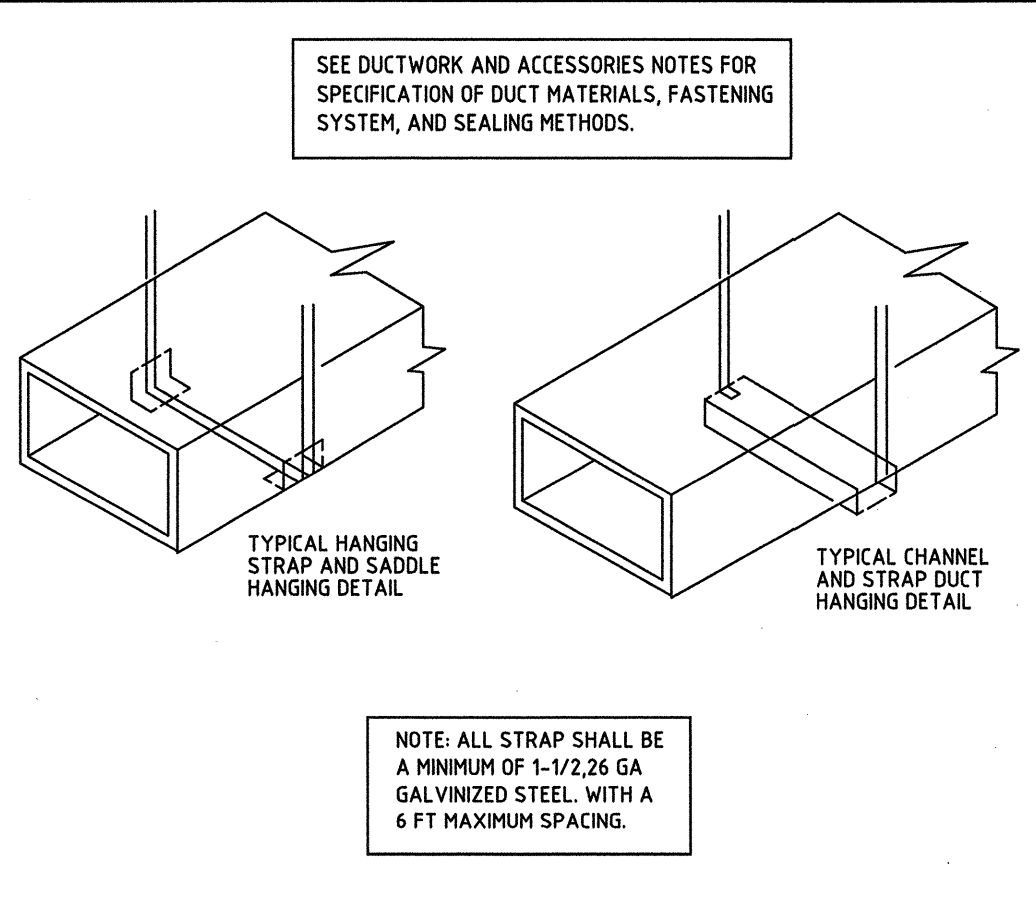
DETAIL NO. 1 SPIN COLLAR/TURNING VANE DETAIL NOT TO SCALE



DETAIL NO. 2 SMOKE DETECTOR MOUNTING DETAIL NOT TO SCALE



DETAIL NO. 3 AUTOMATIC VOLUME DAMPER (A.V.D.) DETAIL NOT TO SCALE



DETAIL NO. 4 METHODS OF HANGING RIGID FIBERGLASS DUCT DETAIL NOT TO SCALE

EXISTING AIR CONDITIONED BUILDING, NO CHANGE OF OCCUPANCY TYPE. ENERGY CALCULATIONS NOT REQUIRED PER FLA. ENERGY CODE 13-1015.1

NOTE TO CONTRACTOR
 CONTRACTOR TO COORDINATE ALL MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL AND FIRE SPRINKLER WITH EXISTING CONDITIONS.
 REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR FINAL LOCATION OF ALL DEVICES.

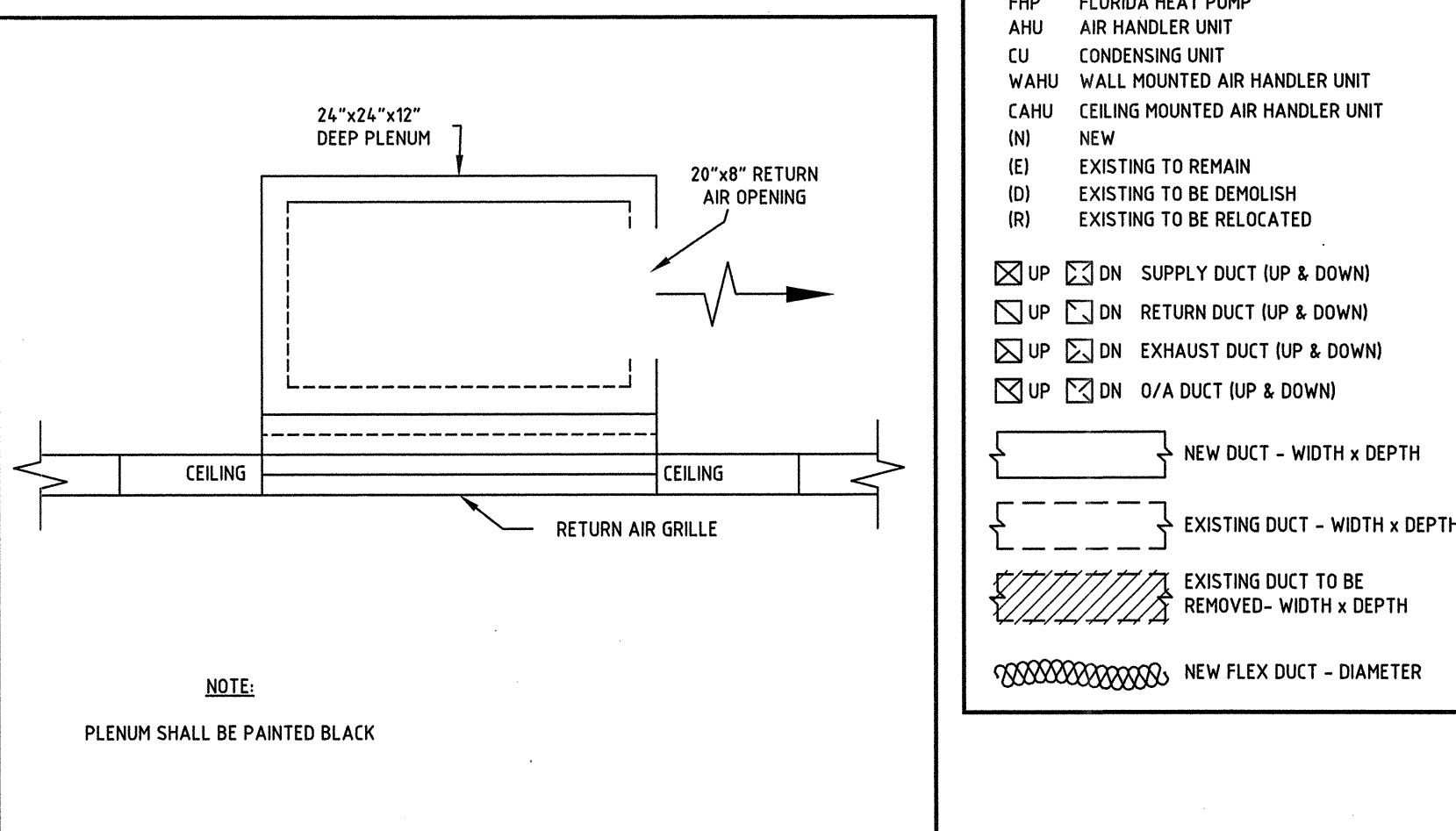
NOTE:
 CEILING SPACE IS A COMMON PLENUM NO COMBUSTIBLE MATERIALS ALLOWED.

- KEY NOTES:**
- RELOCATE EXISTING UNIT INTO ADJACENT VACANT SPACE FOR FUTURE USE.
 - 5" x 8" O/A DUCT WITH MYD AND AVD. CONNECT TO NEAREST OUTSIDE AIR DUCT. VERIFY EXACT LOCATION IN FIELD. PROVIDE FIRE DAMPERS WHERE PENETRATING ANY FIRE RATED ASSEMBLIES AND INSTALL PER MANUFACTURER'S INSTRUCTIONS, RUSKINB020 OR EQUAL.
 - PROVIDE SOUND BOOT AT R.A.G. SEE DETAIL #5 THIS SHEET
 - CUT DUCTWORK BEYOND FIRE RATED WALL AND PATCH AND REPAIR WALL TO MEET APPROPRIATE RATING.

A/C LEGEND

- 4W - DIFFUSER
- 2W - DIFFUSER
- TRANSITION
- MANUAL VOLUME DAMPER (M.V.D.)
- FIRE DAMPER (F.D.)
- THERMOSTAT
- RETURN AIR GRILLE
- REMOTE ALARM TEST STATION (R.A.T.S.)
- SMOKE DETECTOR (S.D.)
- CONDENSATE LINES
- DIFFUSER TYPE (D.F.)
- AUTOMATED VOLUME DAMPER (A.V.D.)
- HEAT PUMP

- ABBREVIATIONS**
- A.F.F. ABOVE FINISHED FLOOR
 - R.A. RETURN AIR
 - R.C. ROOF CAP
 - W.C. WALL CAP
 - O/A OUTSIDE AIR
 - S.A.D. SUPPLY AIR DUCT
 - R.A.D. RETURN AIR DUCT
 - R.A.G. RETURN AIR GRILLE
 - E.A.G. EXHAUST AIR GRILLE
 - T.E.D. TOILET EXHAUST DUCT
 - AVD AUTOMATED VOLUME DAMPER
 - FHP FLORIDA HEAT PUMP
 - AHU AIR HANDLER UNIT
 - CU CONDENSING UNIT
 - WAHU WALL MOUNTED AIR HANDLER UNIT
 - CAHU CEILING MOUNTED AIR HANDLER UNIT
 - (N) NEW
 - (E) EXISTING TO REMAIN
 - (D) EXISTING TO BE DEMOLISHED
 - (R) EXISTING TO BE RELOCATED



DETAIL NO. 5 RETURN AIR PLENUM DETAIL NOT TO SCALE

PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED.
 THE ENGINEER AND THE ARCHITECT, ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER CONTRACT HAS BEEN AWARDED.
 NO CHANGES SHALL BE MADE TO THESE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD. ALL CHANGES SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION.
 NOT FOR BID UNTIL PERMIT HAS BEEN ISSUED.

PERMIT SET: 11/12/10

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MECHANICAL PLAN

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

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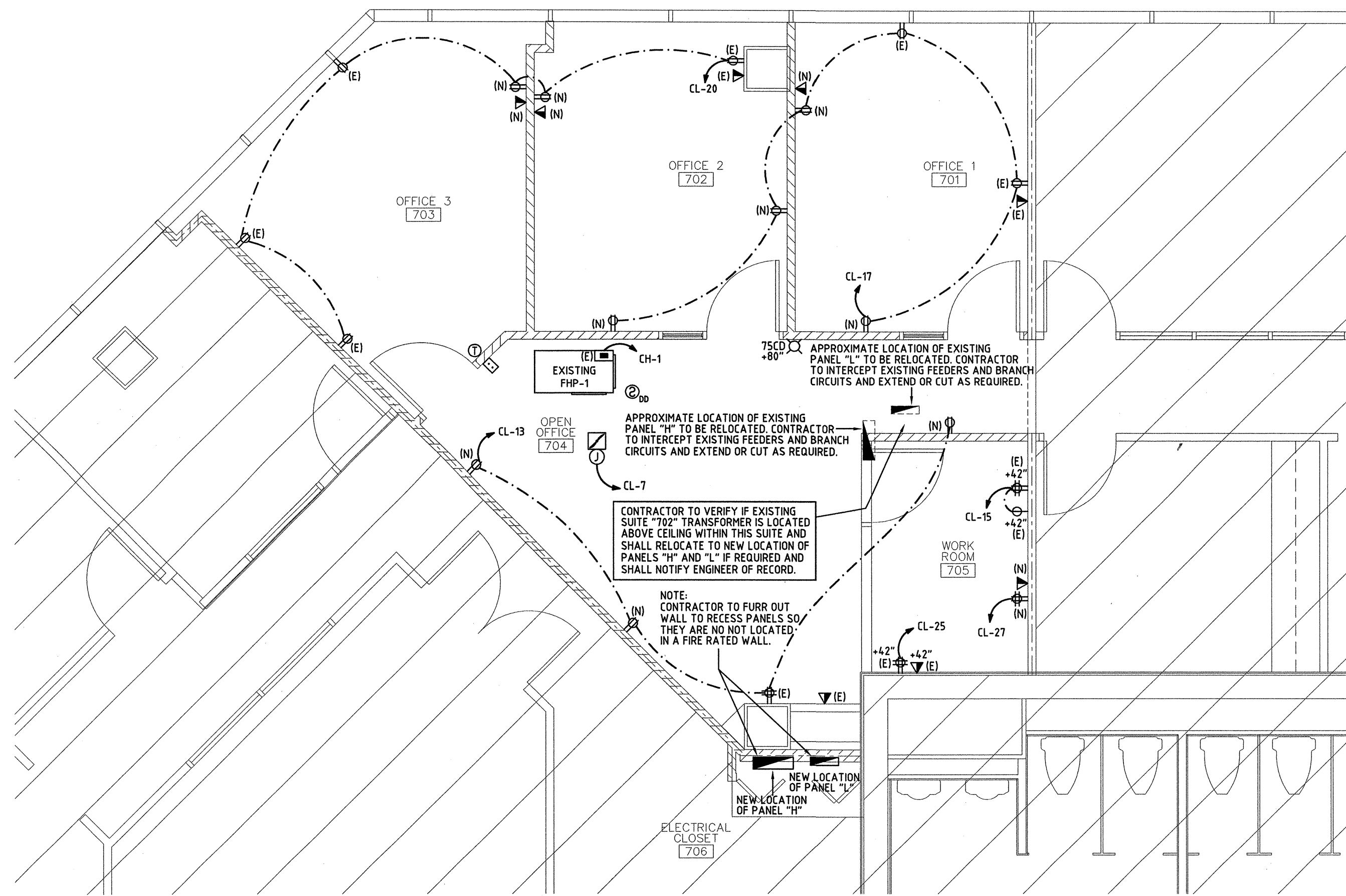
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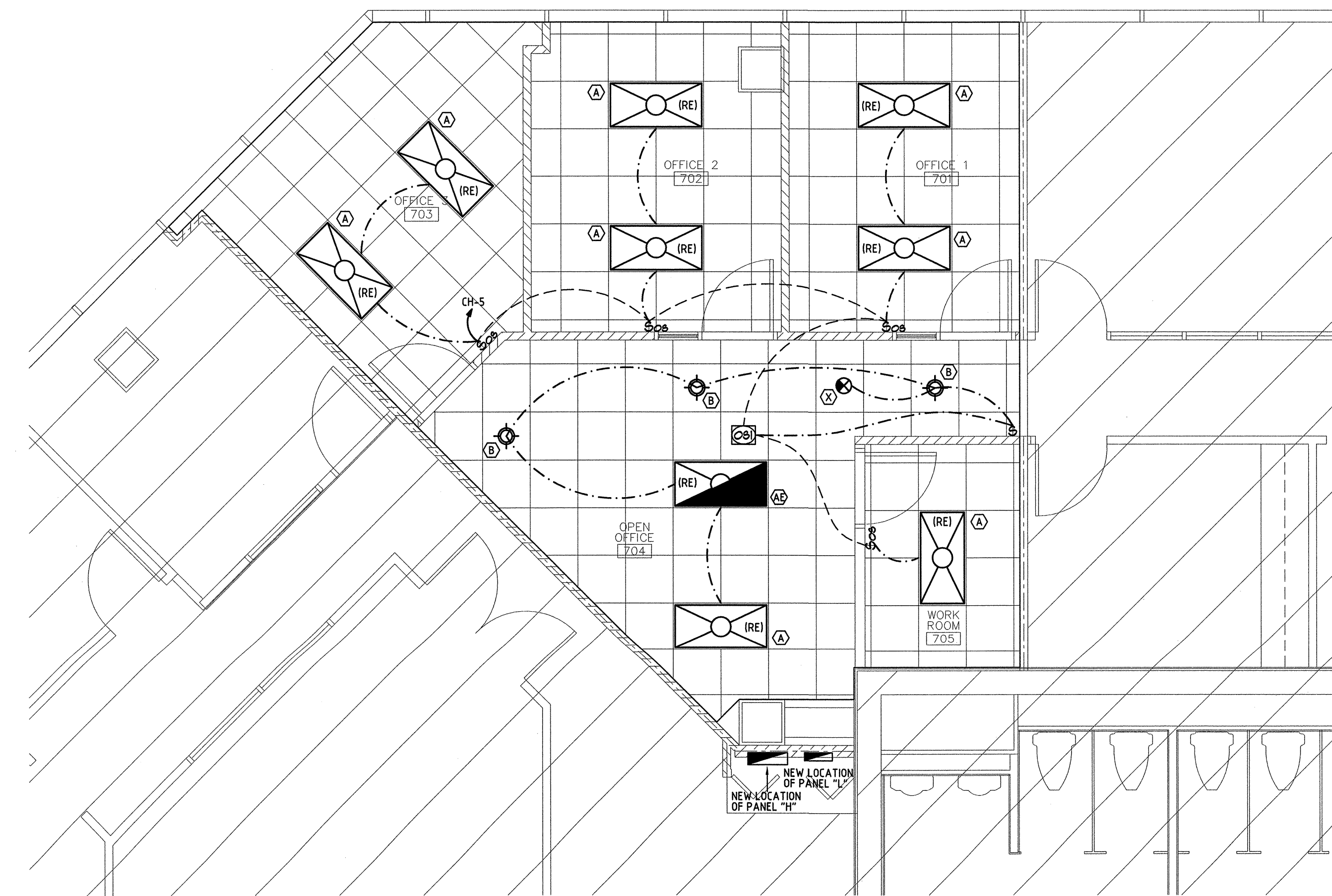
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 file name: 10408_M.01(2).DWG

project no: 10408
 date: 11/12/10
 drawn by: CIABIAN
 checked by: HRT

M1.01



1 POWER/FIRE ALARM PLAN
SCALE: 1/4"=1'-0"



2 LIGHTING PLAN
SCALE: 1/4"=1'-0"

COORDINATION NOTE
CONTRACTOR TO COORDINATE ALL FINAL LOCATIONS ANY TYPES OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT PRIOR.

LOW VOLTAGE NOTE
CONTRACTOR TO COORDINATE LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE WIRING AND TELEPHONE/DATA/TV DEVICES WITH OWNER PRIOR TO CONSTRUCTION.

FIRE RATING NOTE
ALL ELECTRICAL DEVICES PENETRATING FIRE RATED WALLS SHALL BE PROVIDED WITH U.L. APPROVED FIRE RATED ASSEMBLY, EQUAL TO WALL FIRE RATING - SEE ARCHITECTURAL DRAWINGS.

LOW VOLTAGE TO BE PROVIDED AND INSTALLED BY OWNER. SEPARATE PERMIT SHALL BE PULLED FOR LOW VOLTAGE. ELECTRICAL CONTRACTOR TO PROVIDE J-BOXES AND CONDUITS FOR LOW VOLTAGE.

FIRE ALARM NOTE
FIRE ALARM DEVICES ON THIS PLAN ARE SHOWN FOR INTENT ONLY. FIRE ALARM CONTRACTOR TO PROVIDE SHOP DRAWINGS AND CUT SHEETS FOR APPROVAL BY THE LANDLORD AND BY THE FIRE MARSHALL. FIRE ALARM DEVICES SHALL TIE INTO THE BUILDING'S EXISTING MAIN FIRE ALARM SYSTEM.

FIRE ALARM SYMBOL LEGEND

| SYMBOL | DESCRIPTION |
|--------|---|
| | STROBE LT (CD AS INDICATED) MATCH EXISTING SYSTEM |
| | HORN/STROBE (CD AS INDICATED) MATCH EXISTING SYSTEM |

ALL NEW DEVICES ARE TO THE INTO BUILDING'S EXISTING FIRE ALARM SYSTEM. ALL DEVICES SHALL MATCH BUILDING'S STANDARDS. VERIFY IF NEW POWER SUPPLY IS NEEDED DUE TO ADDITION OF NEW DEVICES AND PROVIDE NEW IF REQUIRED.

ELECTRICAL SYMBOL LEGEND

| | | | |
|--|----------------------------------|--|---|
| | 110V RECEPTACLE | | ELECTRICAL CIRCUIT BREAKER |
| | QUAD-PLEX RECEPTACLE | | ELECTRICAL PANEL |
| | GROUND FAULT CIRCUIT INTERRUPTER | | ELECTRICAL METER |
| | SINGLE RECEPTACLE | | THERMOSTAT |
| | JUNCTION BOX | | REMOTE ALARM TEST STATION |
| | TELE/FAX/DATA PORT | | EXISTING DEVICE LOCATION PROVIDE NEW OUTLET/COVER PLATE & WIRING AS INDICATED |
| | SMOKE DUCT DETECTOR | | NEW DEVICE |
| | EXHAUST FAN | | RELOCATE EXISTING |

* NOTE: ALL SYMBOLS MAY NOT BE USED FOR THIS PROJECT
** PROVIDE 3/4" C WITH PULL WIRE (UNLESS OTHERWISE INDICATED). STUB ABOVE CEILING.

NOTES:
RECEPTACLES ARE TO BE MOUNTED AT 18" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
SWITCHES ARE TO BE MOUNTED AT 48" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.

- LIGHTING NOTES**
- ALL FIXTURE COUNTS, SELECTIONS, AND EXACT LOCATIONS MUST BE VERIFIED WITH OWNER/ARCHITECT PRIOR TO BID/PURCHASE.
 - ALL EXIT, EMERGENCY, AND BATTERY PACKS IN FLUORESCENT FIXTURES TO BE WIRED AHEAD OF CONTROL SWITCH.
 - IF APPLICABLE, ALL WALL MOUNTED EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED 12" BELOW CEILING LINE.
 - ALL DIMMER SWITCHES SHALL HAVE A PRESET MINIMUM RATING OF 10 KW.
 - CONTRACTOR TO VERIFY IF ANY LOW VOLTAGE LIGHT FIXTURES REQUIRE STEP-DOWN TRANSFORMERS, QUANTITY AND LOCATION TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
 - ALL FIXTURES TO HAVE U.L. CERTIFICATION.
 - ALL EXISTING AND NEW LUMINAIRES SHALL COMPLY WITH SECTION 4.10.130(G) DISCONNECTING MEANS OF THE NEC.

LIGHTING FIXTURE SCHEDULE

| TYPE | DESCRIPTION | MFG / CATALOG # | MOUNTING |
|------|--|-----------------|--|
| A | 2x4 FLUORESCENT W/ (2) 32W LAMPS | 277V | RELOCATE EXISTING RECESS |
| B | 2x4 FLUORESCENT WITH MINIMUM 90 MIN. BATTERY BACK UP W/ (2) 32W LAMPS | 277V | RELOCATE EXISTING - CONTRACTOR TO VERIFY IF EXISTING FIXTURE HAS BATTERY PACK - PROVIDE NEW IF REQUIRED. RECESS |
| C | COMPACT FLUORESCENT DOWNLIGHT W/ (1) 26W LAMP | 277V | MATCH EXISTING RECESS |
| D | EXIT SIGN WITH MINIMUM 90 MINUTE BATTERY BACK UP CONFIRM COLOR WITH LANDLORD | 277V | MATCH EXISTING |

NOTES:
1. PROVIDE ELECTRONIC BALLAST FOR ALL NEW FLUORESCENT LAMPED FIXTURES.
2. NEW FLUORESCENT LAMP COLOR TEMPERATURE SHALL MATCH EXISTING.
3. SEE LIGHTING PLAN FOR EXIT SIGN CHEVRON REQUIREMENTS.
4. COORDINATE ALL LIGHTING FIXTURE TYPES WITH ARCHITECT PRIOR TO BID/PURCHASE.

INTERIOR LIGHTING POWER ALLOWANCE PER FLORIDA BUILDING CODE, CHAPTER 13, METHOD B

CALCULATIONS HAVE BEEN MADE TO VERIFY THAT LIGHTING LEVELS COMPLY WITH CHAPTER 13, ENERGY SECTION OF THE 2007 FLORIDA BUILDING CODE, WITH 2009 SUPPLEMENT
LIGHTING POWER DENSITIES PER TABLE 13-4.5(B.1)

| | ALLOWED | USED |
|----------|------------------------------------|-----------|
| OFFICES: | 11 W/SQ.FT x 733 SQ.FT = 806 WATTS | 654 WATTS |

LIGHTING CONTROL SYMBOL LEGEND

| | |
|--|--|
| | SENSOR SWITCH (WALL MOUNTED OCCUPANCY SENSOR) MODEL: WSD-PDT |
| | SWITCH |
| | SENSOR SWITCH (CEILING MOUNTED OCCUPANCY SENSOR) CM PDT 10 (PROVIDE POWER PACKS PP-20 / 2P-PP-20, AS REQUIRED) |

NOTE:
1. ALL SYMBOLS MAY NOT BE USED FOR THIS PROJECT.

ENERGY COMPLIANCE NOTE

- ALL AREAS SHALL BE CONTROLLED BY OCCUPANCY SENSORS WHICH MUST TURN LIGHTS OFF WITHIN 30 MINUTES AFTER AN OCCUPANT LEAVES THE SPACE.
- RECORD DRAWINGS OF INSTALLATION AND OPERATION MANUALS ARE TO BE PROVIDED TO THE OWNER WITHIN 30 DAYS AS SPECIFIED IN THE FLORIDA BUILDING CODE SECTION 13-4.13 ABC.2.

PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED.
THE ENGINEER AND THE ARCHITECT, ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER CONTRACT HAS BEEN AWARDED.
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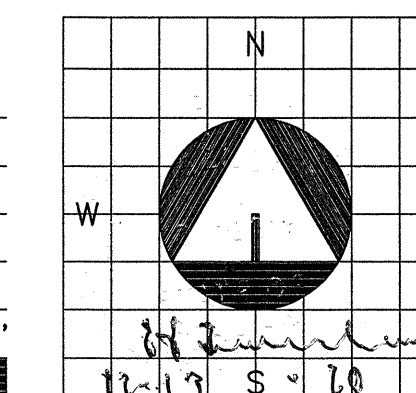
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POWER & LIGHTING PLAN

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

0' 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'



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**TENANT IMPROVEMENTS FOR:
SUITE 701 EXPANSION**

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checked by: HRT

revisions:

E1.01

| MFG. EXISTING | | TYPE EXISTING | | | | PANEL RATING | | | EXISTING AMPS | | | | | | | | |
|---------------------|-----|---------------|-----------|-------|-----------|--------------|------|------|---------------|------|------|------|-----------|-------|---------------|---------|-----|
| VOLTS 277/480V 3Ø4W | | PANEL "CH" | | | | POS 12 | | | | | | | | | | | |
| A | B | C | LOAD | COND. | WIRE SIZE | POLE | AMPS | CKT. | BUS | CKT. | AMPS | POLE | WIRE SIZE | COND. | LOAD | BUS KVA | |
| 3.2 | 3.0 | | FHP-1 | (3) | 1/2" | 12 | 1 | 20 | 1 | 2 | 20 | 1 | 12 | 1/2" | EAST LIGHTING | (2) | 2.0 |
| | | | INSTA-HOT | (2) | 1/2" | 12 | 1 | 20 | 3 | 4 | 20 | 1 | 12 | 1/2" | WEST LIGHTING | (2) | 2.0 |
| | | 0.7 | | (4) | 1/2" | 12 | 1 | 20 | 5 | 6 | 20 | 1 | 12 | 1/2" | HP-2 | (2) | 3.2 |
| | | | HP-1 | (2) | 1/2" | 12 | 3 | 15 | 7 | 8 | 25 | 3 | 10 | 3/4" | TRANSFORMER | (2) | 5.0 |
| | 2.8 | | " | | S | S | S | S | 9 | 10 | S | S | S | " | " | | 5.0 |
| | | 2.8 | " | | S | S | S | S | 11 | 12 | S | S | S | " | " | | 5.0 |

| KVA ØA | KVA ØB | KVA ØC |
|--------|--------|--------|
| 13.0 | 12.8 | 11.7 |

SEE LOAD CALCULATIONS

LOAD CALCULATIONS PER NEC:
 CALCULATED LIGHTING = 6.1 KVA @ 125% = 7.63 KVA
 LARGEST MOTOR = 8.4 KVA @ 125% = 10.5 KVA
 REMAINING LOADS @ 100% = 4.13 KVA
 TOTAL DEMAND IL = 4.13 KVA / 480√3 V = 4.95 AMPS

REMARKS & KEY NOTES:
 1. EXISTING MAIN LINES ONLY.
 2. EXISTING BRANCH CIRCUIT AND BREAKER TO REMAIN.
 3. PROVIDE NEW BRANCH CIRCUIT AND BREAKER IN EXISTING SPACE IN PANEL.
 4. RE-USE EXISTING SPARE BREAKER FOR NEW BRANCH CIRCUIT AS SCHEDULED.
 5. PROVIDE "HACR" RATED BREAKER.

| MFG. EXISTING | | TYPE EXISTING | | | | PANEL RATING | | | EXISTING AMPS | | | | | | | | |
|---------------------|------|---------------|---------------------|-------|-----------|--------------|------|------|---------------|------|------|------|-----------|--------|--------------------|---------|------|
| VOLTS 120/208V 3Ø4W | | PANEL "CL" | | | | POS 3Ø | | | | | | | | | | | |
| A | B | C | LOAD | COND. | WIRE SIZE | POLE | AMPS | CKT. | BUS | CKT. | AMPS | POLE | WIRE SIZE | COND. | LOAD | BUS KVA | |
| 0.8 | 0.4 | | REFRIGERATOR | (2) | 1/2" | 12 | 1 | 20 | 1 | 2 | 70 | 3 | 4 | 1 1/4" | MAIN | (2) | - |
| | | | EAST OFFICE RECEIPT | (2) | 1/2" | 12 | 1 | 20 | 3 | 4 | 5 | 5 | 5 | " | " | - | - |
| | 0.4 | | QUAD RECEIPT | (2) | 1/2" | 12 | 1 | 20 | 5 | 6 | 5 | 5 | 5 | " | " | - | - |
| | 0.1 | | A/V | (2) | 1/2" | 12 | 1 | 20 | 7 | 8 | 20 | 1 | 12 | 1/2" | EAST WALL RECEIPT | (2) | 0.4 |
| | | 0.4 | S.E. OFFICE RECEIPT | (2) | 1/2" | 12 | 1 | 20 | 9 | 10 | 20 | 1 | 12 | 1/2" | ENTRY RECEIPT | (2) | 0.4 |
| | | | BREAK RECEIPT | (2) | 1/2" | 12 | 1 | 20 | 11 | 12 | 20 | 1 | 12 | 1/2" | CONFERENCE LIGHTS | (2) | 0.4 |
| | 0.9 | | OPEN OFFICE RECEIPT | (2) | 1/2" | 12 | 1 | 20 | 13 | 14 | 20 | 1 | 12 | 1/2" | FILE RECEIPT | (2) | 0.2 |
| | | 0.54 | WORK ROOM RECEIPT | (4) | 1/2" | 12 | 1 | 20 | 15 | 16 | 20 | 1 | 12 | 1/2" | OFFICE RECEIPT | (2) | 0.4 |
| | | | OFFICE 1/2 RECEIPT | (2) | 1/2" | 12 | 1 | 20 | 17 | 18 | 20 | 1 | 12 | 1/2" | CONFERENCE RECEIPT | (2) | 0.4 |
| | 0.2 | | KITCHEN LTS | (2) | 1/2" | 12 | 1 | 20 | 19 | 20 | 20 | 1 | 12 | 1/2" | OFFICE 2/3 RECEIPT | (4) | 1.08 |
| | | 0.4 | ENTRY HI-HATS | (2) | 1/2" | 12 | 1 | 20 | 21 | 22 | 30 | 1 | 10 | 3/4" | EXISTING | (2) | 1.5 |
| | | | EAST ROOM LTS | (2) | 1/2" | 12 | 1 | 20 | 23 | 24 | 20 | 2 | 12 | 1/2" | ESPRESSO | (2) | 0.6 |
| | 0.36 | | WORK ROOM RECEIPT | (3) | 1/2" | 12 | 1 | 20 | 25 | 26 | S | S | S | " | " | 0.6 | 0.6 |
| | | | WORK ROOM RECEIPT | (3) | 1/2" | 12 | 1 | 20 | 27 | 28 | 20 | 2 | 12 | 1/2" | A/C | (2) | 0.6 |
| | | | SPACE | - | - | - | - | - | 29 | 30 | S | S | S | " | " | - | 0.6 |

| KVA ØA | KVA ØB | KVA ØC |
|--------|--------|--------|
| 4.64 | 5.0 | 4.28 |

SEE LOAD CALCULATIONS

LOAD CALCULATIONS PER NEC:
 CALCULATED LIGHTING = 1.4 KVA @ 125% = 1.75 KVA
 LARGEST MOTOR = 1.2 KVA @ 125% = 1.5 KVA
 REMAINING LOADS @ 100% = 11.32 KVA
 TOTAL DEMAND IL = 14.57 KVA / 480√3 V = 4.04 AMPS

REMARKS & KEY NOTES:
 1. EXISTING MAIN LINES ONLY.
 2. EXISTING BRANCH CIRCUIT AND BREAKER TO REMAIN.
 3. PROVIDE NEW BRANCH CIRCUIT AND BREAKER IN EXISTING SPACE IN PANEL.
 4. RE-USE EXISTING SPARE BREAKER FOR NEW BRANCH CIRCUIT AS SCHEDULED.
 5. PROVIDE "HACR" RATED BREAKER.

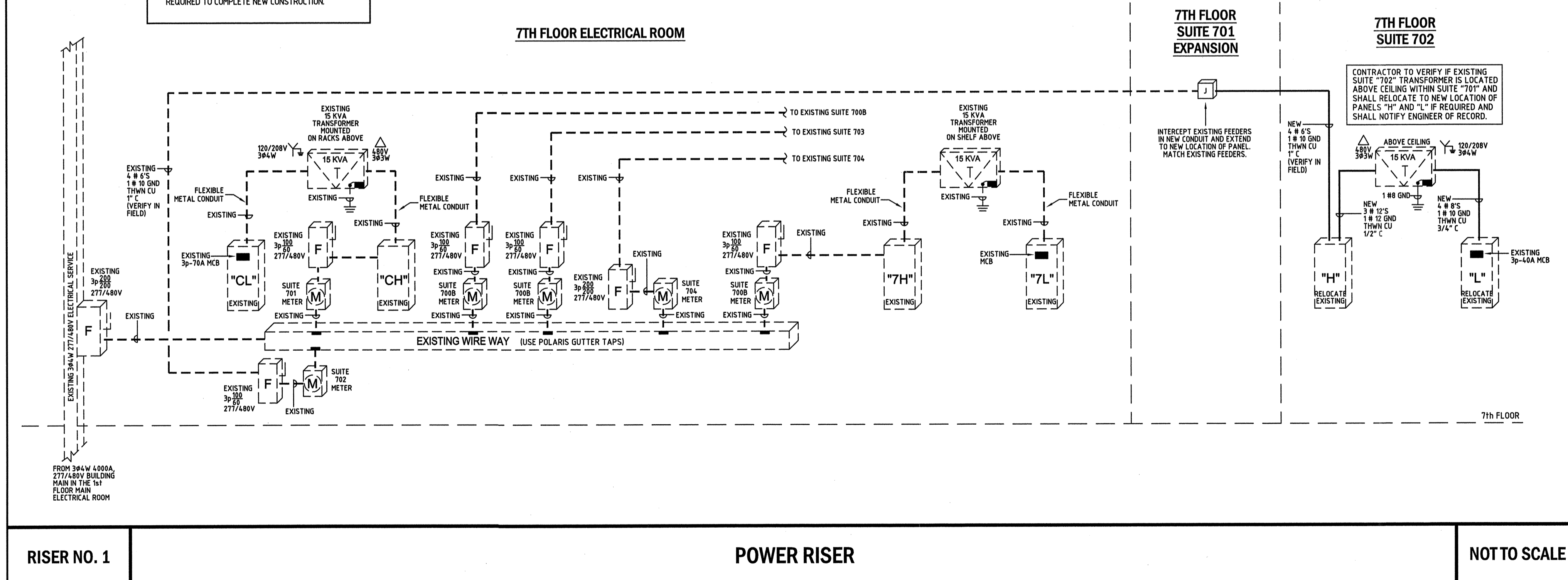
ELECTRICAL SERVICE NOTE

- ALL NEW ELECTRICAL SERVICE EQUIPMENT SHALL MATCH EXISTING A.I.C. RATING AND SHALL BE NEMA-1 RATED IF LOCATED IN ELECTRICAL ROOM.
- ALL ELECTRICAL EQUIPMENT AND WIRE SHALL BE RATED @ 75°C CONTINUOUS DUTY.
- PRIOR TO CONSTRUCTION, THE ELECTRICAL CONTRACTOR SHALL:
 - VERIFY ALL EXISTING CONDITIONS IN FIELD
 - COORDINATE THE ELECTRICAL SERVICE WITH FS&A REPRESENTATIVES
 - NOTIFY THE ENGINEER OF ANY CHANGES REQUIRED TO COMPLETE NEW CONSTRUCTION

LEGEND

--- EXISTING TO REMAIN

— NEW



RISER NO. 1

POWER RISER

NOT TO SCALE

ELECTRICAL SPECIFICATIONS

- DO NOT SCALE THE ELECTRICAL DRAWING. REFER TO THE ARCHITECTURAL PLAN AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT AND CONFIRM WITH OWNERS REPRESENTATIVES.
 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2008 EDITION OF THE NATIONAL ELECTRICAL CODE, 2008 EDITION OF NFPA 70, 2002 EDITION OF NFPA 72, 2003 EDITION OF NFPA 75, 2006 EDITION OF NFPA 99, 2005 EDITION OF NFPA 10, AND 2007 EDITION OF NFPA 707/2009 SUPPLEMENT.
 - UNLESS OTHERWISE NOTED, ALL CONDUCTORS SHALL BE COPPER, WITH "THIN" INSULATION FOR SIZE #10 AND SMALLER. CONDUCTORS LARGER THAN #10 SHALL HAVE "THIN" INSULATION. ALL CONDUCTORS IN WET LOCATIONS MUST HAVE "THIN" INSULATION. ALL CONDUCTORS #10 AND SMALLER MAY BE SOLID. ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED. ALL CONDUCTORS MUST COMPLY WITH NEC ARTICLE 310.
 - OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
 - DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK MAKE, QUICK BREAK, WITH ENCLOSURES AS REQUIRED BY EXPOSURE.
 - THESE PLANS DO NOT SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND MEET ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
 - THE ELECTRICAL SYSTEM SHALL BE COMPLETELY AND EFFECTIVELY GROUNDED AS REQUIRED IN ARTICLE 250, NATIONAL ELECTRICAL CODE. THE GROUNDING SYSTEM SHALL BE TESTED AND SHALL MEASURE A MAXIMUM OF 5 OHMS. PROVIDE A COPY OF THE TEST REPORT TO ENGINEER.
 - ALL MATERIALS SHALL BE NEW AND SHALL BEAR U.L. LABELS WHERE APPLICABLE.
 - ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANSHIP MANNER. THE COMPLETE SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTANCE BY ENGINEER/ARCHITECT MUST BE A CONDITION OF THE SUBCONTRACTOR.
 - THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER, LIGHT COMPANY AND TELEPHONE COMPANY.
 - CIRCUITS SHOWN ON PLANS ARE TO DETERMINE LOAD DATA AND PANEL SIZE. THE CONTRACTOR SHALL PROVIDE CIRCUITS TO SUIT JOB CONDITIONS.
 - SEE NOTES ON PLANS FOR OTHER REQUIREMENTS.
 - FURNISH AND INSTALL LIGHTING FIXTURES AND LAMPS AS CALLED FOR ON PLANS, OR AS SELECTED BY OWNER.
 - ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROCESS OF CONSTRUCTION.
 - CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY PHASE OF THE INSTALLATION WHICH MAY BE DAMAGED.
 - ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY OF PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
 - CHECK ALL EQUIPMENT FOR PROPER VOLTAGE, PHASE, AND CURRENT BEFORE CONNECTION TO CIRCUITS.
 - ELECTRICAL CONTRACTOR SHALL CHECK AND VERIFY EQUIPMENT FURNISHED AGAINST THOSE SPECIFIED OR INTENDED AND REVISE BRANCH CIRCUITS AS MAY BE REQUIRED WITH PRIOR APPROVAL OF ENGINEER/ARCHITECT.
- AIR CONDITIONING EQUIPMENT AND CONTROLS SPECIFICATION**
- ELECTRICAL CONTRACTOR SHALL INSTALL ALL CONTROL RACEWAY (CONDUIT), WIRE INSTALLATION, CONNECTIONS ETC. IN ACCORDANCE WITH WIRING DIAGRAMS ON AIR EQUIPMENT.
 - A/C / ELECTRICAL PLANS OR DIAGRAMS FURNISHED BY MANUFACTURER OF THE EQUIPMENT.
 - ALL POWER WIRING FOR THE AIR CONDITIONING EQUIPMENT SHALL BE FURNISHED, INSTALLED AND CONNECTED UNDER THIS SECTION OF THE SPECIFICATION.
 - MECHANICAL CONTRACTOR SHALL PROVIDE MOTOR STARTERS FOR ALL AIR CONDITIONING EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONNECTIONS TO AIR CONDITIONING EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
 - AIR CONDITIONING EQUIPMENT INCLUDES CONDENSER, COMPRESSOR AND FAN, FAN COIL UNITS, ELECTRICAL STRIP HEATER, THERMOSTAT, ETC.

VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO CONSTRUCTION.

ELECTRICAL RENOVATION NOTES

- ELECTRICAL CONTRACTOR SHALL MAKE A THOROUGH SURVEY OF EXISTING CONDITIONS & OF THE ELECTRICAL SYSTEM TO FAMILIARIZE HIMSELF. IN ORDER TO INSTALL THE NEW ELECTRICAL SYSTEM PROPOSED, PRIOR TO BID/CONSTRUCTION, ELECTRICAL CONTRACTOR SHALL IDENTIFY ALL THE BRANCH CIRCUITS BEING FED FROM EXISTING PANELS.
- ALL EQUIPMENT SCHEDULED TO BE REUSED, SHALL BE RECONDITIONED TO LIKE NEW. IF COST TO REPAIR OR RECONDITION EXCEEDS NEW COST, THEN THE EQUIPMENT SHALL BE REPLACED.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTING ALL ELECTRICAL EQUIPMENT IN ORDER TO HAVE A COMPLETE WORKING JOB, WHETHER OR NOT THE EQUIPMENT IS SHOWN ON NEW ELECTRICAL PLANS.
- DUE TO THE NATURE OF THIS PROJECT, THE ELECTRICAL CONTRACTOR MUST CHECK OUT ALL EXISTING CIRCUITS STARTING AT THEIR DISTRIBUTION POINT IN ORDER TO SEE IF THEY ARE STILL LIVE.
- WHEN INSTALLING NEW EQUIPMENT, THE ELECTRICAL CONTRACTOR SHOULD USE EXISTING CONDUITS AND AVAILABLE CIRCUITS IF POSSIBLE. ALL REUSED CIRCUIT BREAKERS, OUTLETS, SWITCHES, ETC., SHALL BE INSPECTED AND REPLACED AS NEEDED.
- ALL ELECTRICAL EQUIPMENT REMOVED SHALL BE KEPT IN A SECURE AREA UNTIL OWNERS DECIDE WHAT TO DO WITH IT.
- ELECTRICAL CONTRACTOR SHALL NOT OVERLOAD ANY EXISTING PANEL BOARDS OR FEEDERS AND SHALL NOT EXCEED 80% OF THEIR RATED VALUE.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL ELECTRICAL REQUIREMENTS FOR ALL EQUIPMENT PRIOR TO INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BID AND INSTALLATION. INFORM THE ENGINEER OF RECORD OF ANY DISCREPANCY BETWEEN THE DOCUMENTS AND THESE CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED. THE ENGINEER AND THE ARCHITECT ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER THE CONTRACT HAS BEEN AWARDED.
- THE INTENT OF THE ELECTRICAL DESIGN IS TO UTILIZE AS MUCH OF THE ELECTRICAL EQUIPMENT AS POSSIBLE, THEREBY ELIMINATING EXCESSIVE COST, CONSTRUCTION, AND TIME.
- ELECTRICAL CONTRACTOR SHALL KEEP AS-BUILTS AND SUBMIT TO ENGINEER OF RECORD FOR REVIEW. ALL CHANGES SHALL BE FORWARDED A MINIMUM OF 12 WEEKS PRIOR TO FINAL INSPECTION. ANY EXPENSES, SUCH AS REVISIONS OR AS-BUILTS, NECESSARY FOR FINAL C.D. SHALL BE AT THE EXPENSE OF THE OWNER.

TEENANT IMPROVEMENTS FOR:
 SUITE 701 EXPANSION
 NORTH BRIDGE CENTER
 515 N. FLAGLER DRIVE
 WEST PALM BEACH, FLORIDA

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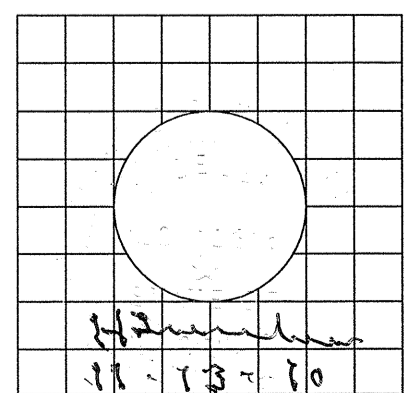
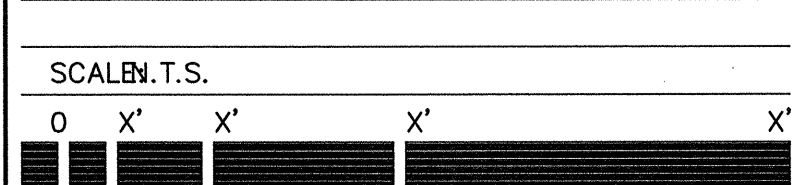
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