

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. REPLY TO ALL REQUESTS FOR CLARIFICATION WILL BE ISSUED TO ALL PRIME BIDDERS, AS APPENDIX 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 A191, STANDARD FORM FOR AGREEMENT BETWEEN OWNER AND CONTRACTOR, LATEST 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 BLUE 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 SPACE. THE METHODS EMPLOYED SHALL COMPLY WITH THE INDOOR AIR QUALITY (IAQ) GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION SET FORTH PUBLISHED BY SHAW-WALSH. 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 METHODS AND TECHNIQUES OF CONSTRUCTION. THE SUBMITTALS SHALL BE PROPERLY REVIEWED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE ARCHITECT. INCOMPLETE, UNREVIEWED OR UNTESTED (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 DRAWING 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 INCORPORATE CHANGES FROM THE CONSTRUCTION DOCUMENTS. IN ADDITION THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS CONTAINED IN THE SHOP DRAWINGS. RESP. 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 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. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE COMPLETE REVIEW OF 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 WARRANTIES, 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 DEFECTS. 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 INSTALLED FROM EACH OTHER BY A BITUMINOUS COATING, 15# ASPHALT FLAT FELT OR OTHER ARCHITECT APPROVED MEANS. METALS ARRANGED IN ORDER OF GALVANIC ACTIVITY: ALUMINUM, ZINC, GALVANIZED IRON, TIN ON STEEL, LEAD (#40), STAINLESS STEEL, COPPER, MONG.
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 SO-LED 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 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 ALARM SYSTEM SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING CONSTRUCTION. GENERAL CONTRACTOR SHALL NOTIFY THE FIRE DEPARTMENT PRIOR TO SHUTTING DOWN ANY FIRE ALARM 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. 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.
46. 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 113 OF THIS CHAPTER.
47. STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION OPERATIONS SHALL COMPLY WITH NFPA 241.
48. 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 the:

NORTH AMERICAN DEVELOPMENT GROUP

400 Clematis Street
Suite 201
West Palm Beach, Florida 33401



Glidden Spina & Partners
Architecture Interior Design, Inc.

1401 FORUM WAY, SUITE 100
WEST PALM BEACH, FLORIDA 33401
(561)-684-6844

FAE Consulting
MEP Engineer

1640 N.W. 2ND AVE.
BOCA RATON, FL 33432
(561)-391-9292

SCOPE OF WORK

THE SCOPE OF THE PROJECT INVOLVES INTERIOR RENOVATION OF 2536 SQUARE FEET AT 400 CLEMATIS STREET IN DOWNTOWN WEST PALM BEACH.

THE SCOPE IS TO INCLUDE DEMOLITION, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING.

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CODE RESEARCH

NFPA 101 LIFE SAFETY CODE 2006 EDITION
NFPA 241 STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS
2007 FLORIDA EXISTING BUILDING CODE W/ 2009 AMENDMENTS
SECTION 404 - ALTERATION - LEVEL II
2007 FLORIDA BUILDING CODE W/ 2009 AMENDMENTS

OCCUPANCY:
CLASSIFICATION (TYPE) GROUP B (BUSINESS)
LOAD (SEE OCCUPANT LOAD CALCULATIONS LS-1)
PHASE I FLOOR PLAN - (6,037) 41 PERSONS
CONSTRUCTION TYPE TYPE VB (SPRINKLERED)

OCCUPANT FINISHES:
FBC TABLE 903.5 - WALL AND CEILING FINISHES FOR TYPE VB OCCUPANCY, UNSPRINKLERED, CLASS 'C' IS ALLOWABLE. EXIT ENCLOSURES/EXIT PASSAGEWAYS AND CORRIDORS- CLASS 'C' ROOMS/ENCLOSED SPACES- CLASS 'C' NFPA 101 SEC. 10.2.8.1 & 39.3.2.1 & TABLE AJO.22
ALL FLOORING MATERIAL SHALL BE CLASS II OR BETTER.

THE BUILDING HAS AN EXISTING FIRE ALARM SYSTEM. S.C. TO SUBMIT FOR SEPARATE PERMIT FOR ANY CHANGES TO FIRE ALARM SYSTEM. EXISTING FIRE ALARM SYSTEM SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING ALTERATION.

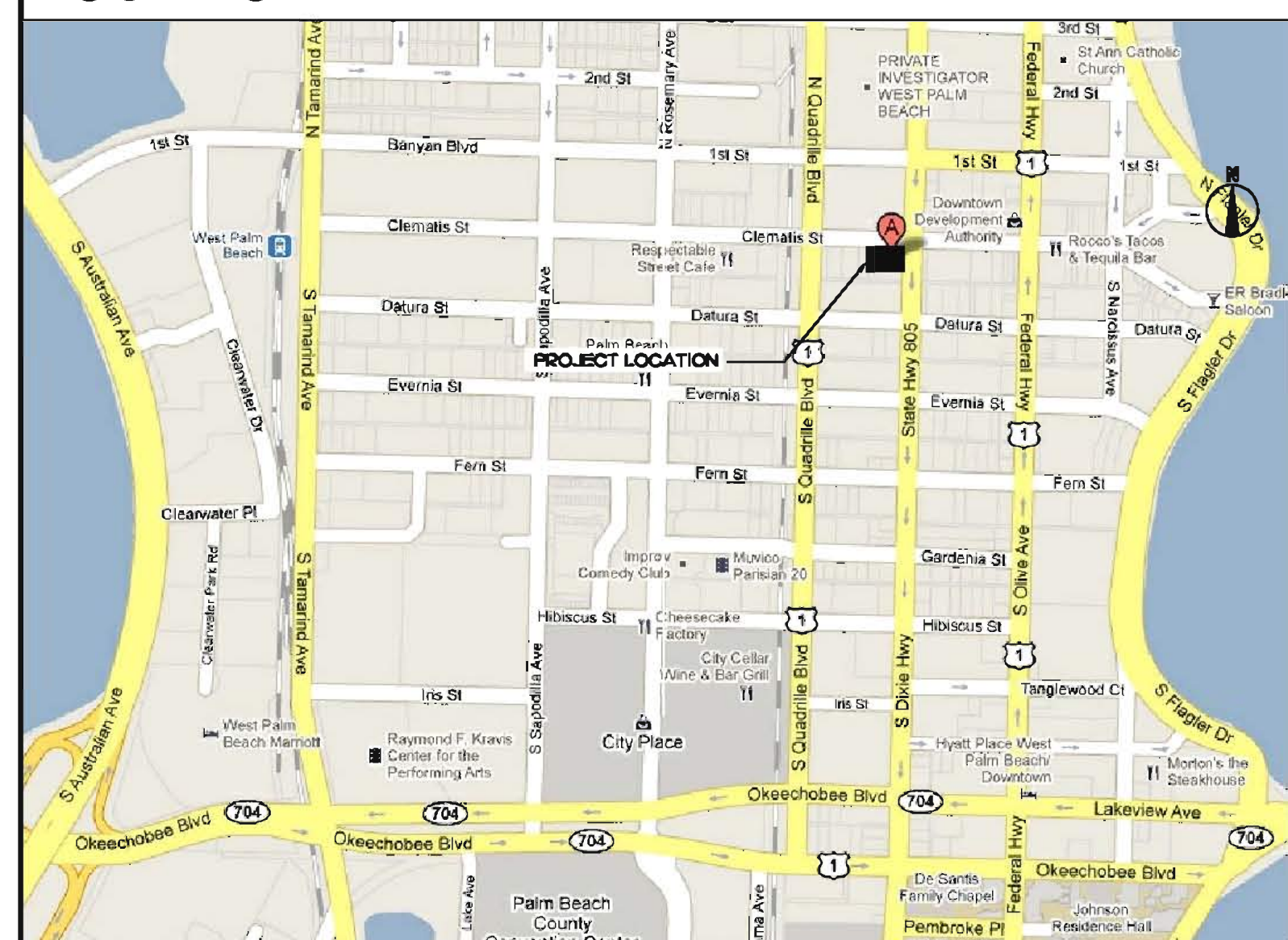
LOW VOLTAGE PLANS SHALL BE SUBMITTED AS A SEPARATE PERMIT

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 COMPLETED WITHIN 90 DAYS, SUCH NOTICE SHALL BE NULL AND VOID. POST N.O.C. ON THE CONSTRUCTION SITE BEFORE FINAL INSPECTION

LOCATION MAP

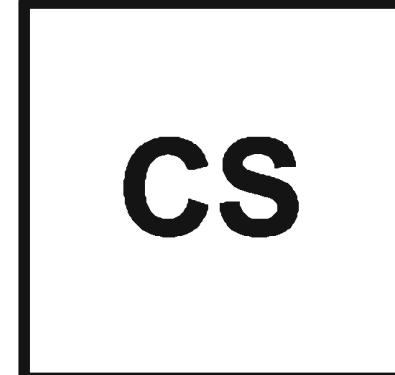


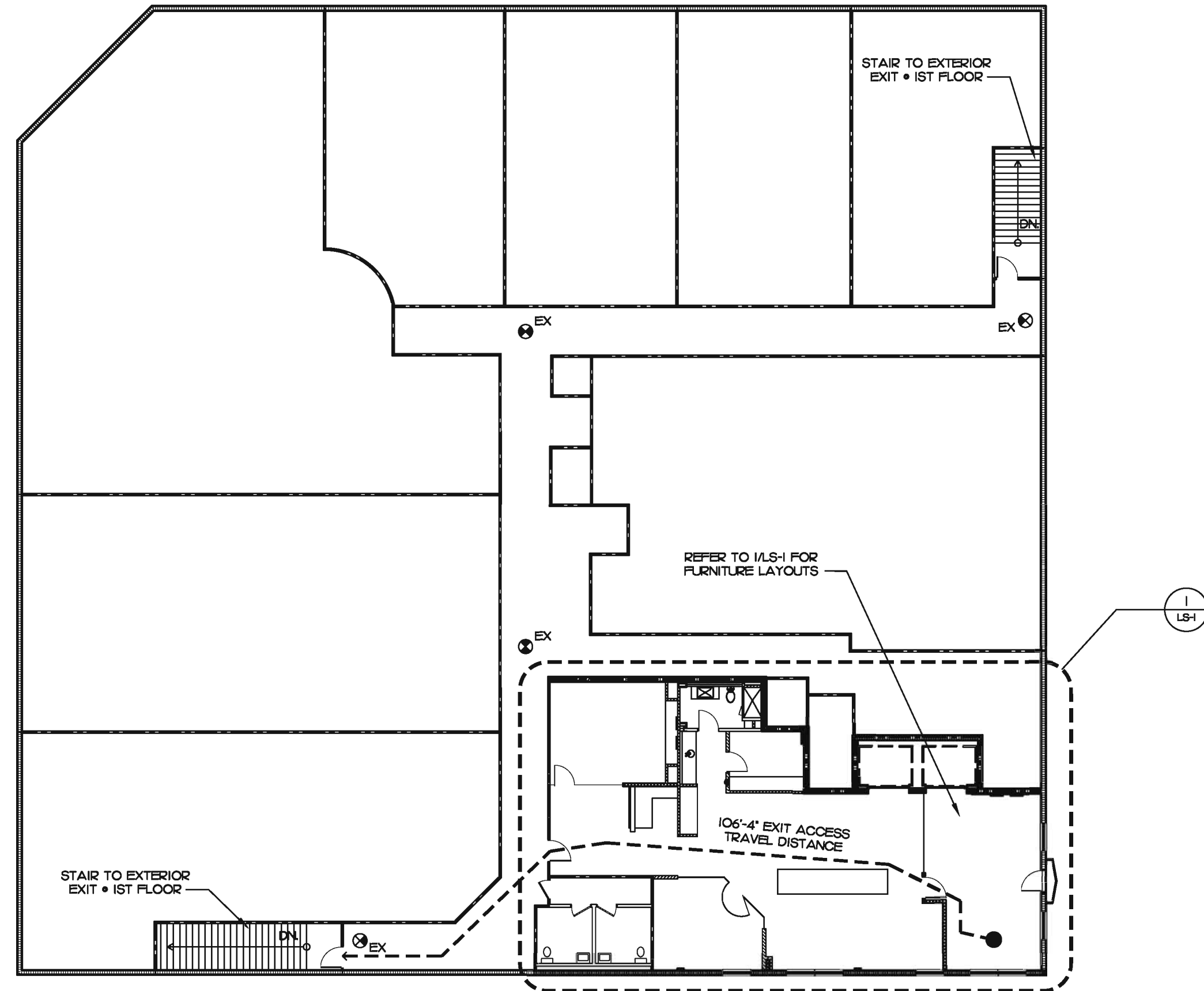
GLIDDEN • SPINA & PARTNERS
ARCHITECTURE • INTERIOR DESIGN, INC.
PHONE: 561.684.6844 • FAX: 561.684.5594 • E-MAIL: info@gs&p-architects.com
1401 FORUM WAY, SUITE 100 • WEST PALM BEACH, FLORIDA 33401
P.L. License: #AA256001602
Scott M. Spina #AR13419
Benjamin John Childers, III #AB6535

Tenant Improvements For:
North American Development Group
Suite 201
400 Clematis Street
West Palm Beach, Florida 33401

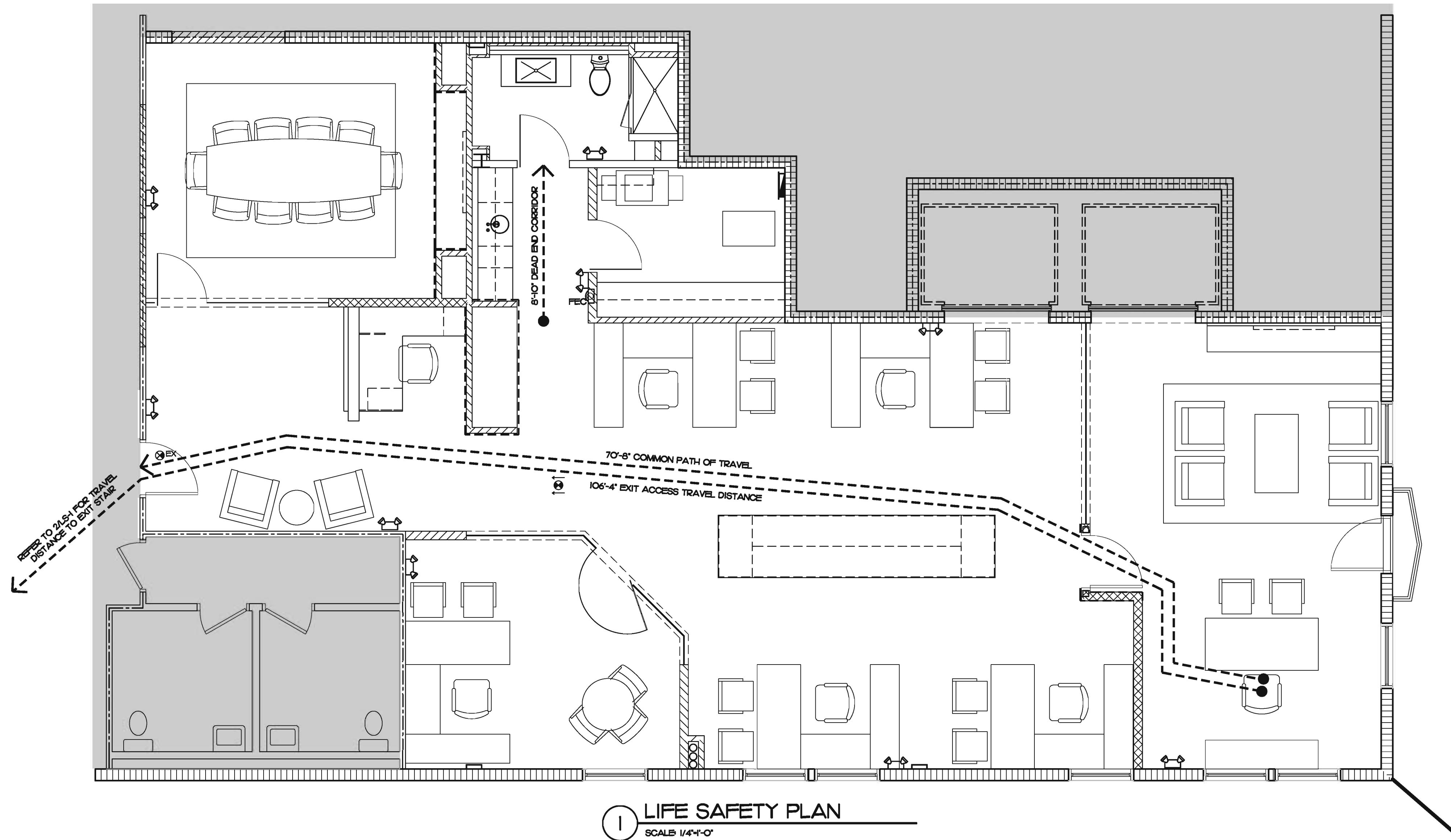
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date: 12/21/10
drawn by: PKLA
checked by: JG





2 OVERALL LIFE SAFETY PLAN
SCALE: 1/16"=1'-0"

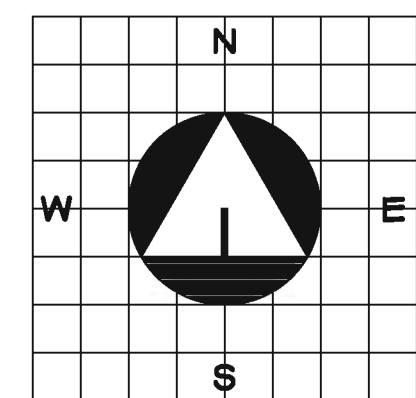


1 LIFE SAFETY PLAN
SCALE: 1/4"=1'-0"

MEANS OF EGRESS ICMAP. 10 FBCL		
	ALLOWABLE	PROVIDED
PHASE I FLOOR AREA - 2536 BUSINESS - 1/100 SF		
OCCUPANT LOAD	2536 / 100 = 26	
REQUIRED MEANS OF EGRESS SECTION 9004.1		
MINIMUM CLEAR OPENING OF EXIT DOORS	32 IN.	34 IN.
COMMON PATH OF EGRESS TRAVEL - SPIN/LS-1	100'	70'-8"
EXIT ACCESS TRAVEL DISTANCE - SPIN/LS-1	300'	106'-4"
DEAD ENDS - NON SPIN/LS-1	50'	8'-10"
EXIT CAPACITY: LEVEL TRAVEL: 0.2 INCHES PER PERSON		
ARRANGEMENT OF EXITS	300' MAX. TRAVEL DISTANCE NFPA IOL 362 & IBC TABLE 1004.1 MAX. DEAD END 50' NFPA & IBC COMMON PATH OF TRAVEL 100' MAX. NFPA 100' MAX. IBC	
LIFE SAFETY LEGEND		
---	TRAVEL DISTANCE	
⊗ EX	EXISTING EXIT LIGHT TO REMAIN	
⊕	EMERGENCY LIGHT FIXTURES	
⊕	NEW EXIT LIGHT	
FEC	NEW FIRE EXTINGUISHER CABINETS (FULLY RECESSED) W/ EXISTING FIRE EXTINGUISHER CANISTER.	
NOTE: 1. GC TO PROVIDE ADA REQUIRED SIGNAGE AT RESTROOMS.		

LIFE SAFETY PLAN

SCALE AS NOTED



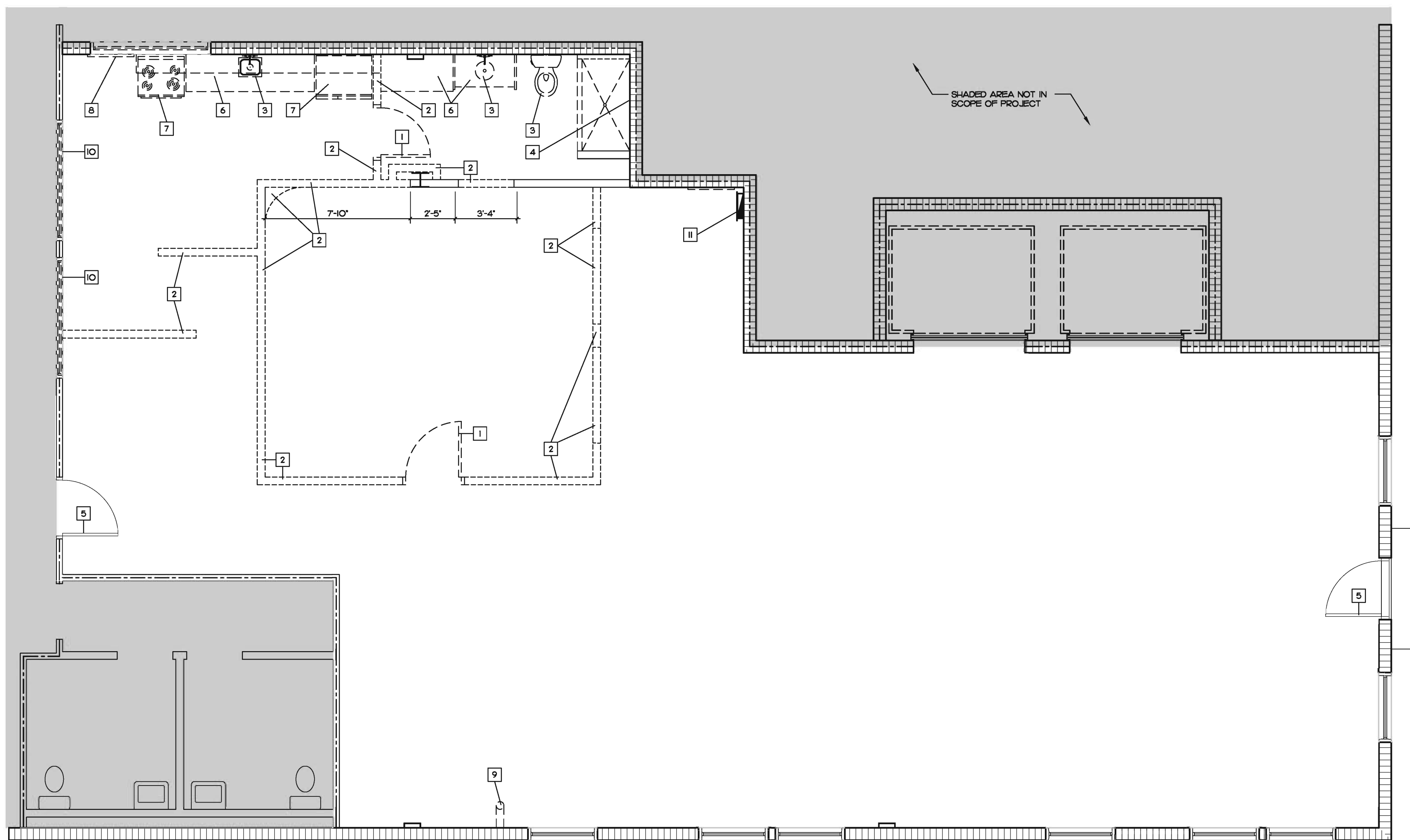
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ARCHITECTURE • INTERIOR DESIGN, INC.
PHONE: 561.684.6844 • FAX: 561.684.5594 • E-MAIL: info@gs-p-architects.com
1401 FORUM WAY, SUITE 100 • WEST PALM BEACH, FLORIDA 33401
FL License: #A326001602
Benjamin John Glidden, III #AR6336
Keith M. Spina #AR13419

Tenant Improvements For:
North American Development Group
Suite 201
400 Clematis Street
West Palm Beach, Florida 33401

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revisions:
LS-1



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

DEMO GENERAL NOTES

1. CONTRACTOR SHALL SUBMIT TO THE ARCHITECT ANY AND ALL DISCREPANCIES TO THE PROPOSED DEMOLITION 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 IN AREAS OF DEMOLITION.
 - C. REMOVAL OF EXISTING FLOOR FINISHES IN AREAS OF REMOVED WALLS AND AS SPECIFIED.
 - D. REMOVAL OF EXISTING METAL STUD FRAMING, NOT SHOWN ON DEMOLITION AREAS.
 - E. 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.
3. ALL EXISTING WALLS TO REMAIN SHALL BE PATCHED AND REPAIRED TO RECEIVE NEW FINISH.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL AREAS NOT INCLUDED IN THIS WORK.
5. ALL WORK SHALL BE COORDINATED AND APPROVED BY OWNER PRIOR TO COMMENCEMENT.

MEP 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).
2. REMOVE ALL WIRING DEVICES IN EXISTING PARTITION WALL TO BE REMOVED, INCLUDING ALL BRANCH CIRCUIT WIRING (CONDUCTORS AND CONDUIT).
3. ALL EXISTING DUCTWORK, HVAC UNITS, GRILLES AND VAVS TO BE DEMOLISHED EXCEPT IN AREA TO REMAIN.
4. RE-WORK DUCTWORK AND GRILLES FOR ALL EXISTING HVAC UNITS THAT GET REMOVED.

DEMO KEY NOTES LEGEND

- | | |
|----|---|
| 1 | REMOVE EXISTING DOOR, FRAME, AND ALL RELATED ACCESSORIES |
| 2 | REMOVE EXISTING METAL STUD PARTITIONS, BASE, TRIM, AND ALL RELATED ACCESSORIES. |
| 3 | REMOVE EXISTING PLUMBING FIXTURES |
| 4 | REMOVE EXISTING SHOWER CURB AND ALL WALL/ FLOOR FINISHES |
| 5 | EXISTING DOOR TO REMAIN |
| 6 | REMOVE EXISTING BUILT-IN CABINETRY |
| 7 | REMOVE EXISTING APPLIANCE |
| 8 | EXISTING TELEPHONE BOARD TO BE RELOCATED |
| 9 | EXISTING PIPES TO REMAIN |
| 10 | EXISTING WINDOWS TO REMAIN |
| 11 | EXISTING ELECTRICAL PANEL TO REMAIN |

WALL LEGEND

- | | |
|--|--|
| | EXISTING PARTITION WALL TO BE REMOVED |
| | EXISTING BLOCK WALL TO REMAIN |
| | EXISTING PARTITION WALL TO REMAIN |
| | EXISTING 1-HOUR PARTITION WALL TO REMAIN |
| | NEW PARTITION WALL - SEE DETAIL 3/A-4.0 |

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ARCHITECTURE • INTERIOR DESIGN, INC.

PHONE : 561.684.6844 • FAX : 561.684.5594 • E-MAIL : info@gs&p-architects.com
1401 FORUM WAY, SUITE 100 • WEST PALM BEACH, FLORIDA 33401
FL License #A236001602
Benjamin John Glidden, III #AR6536
Keith M. Spina #AR13419

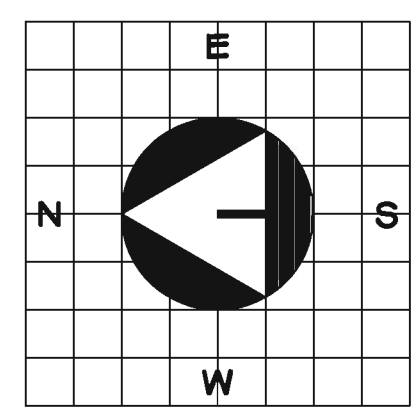
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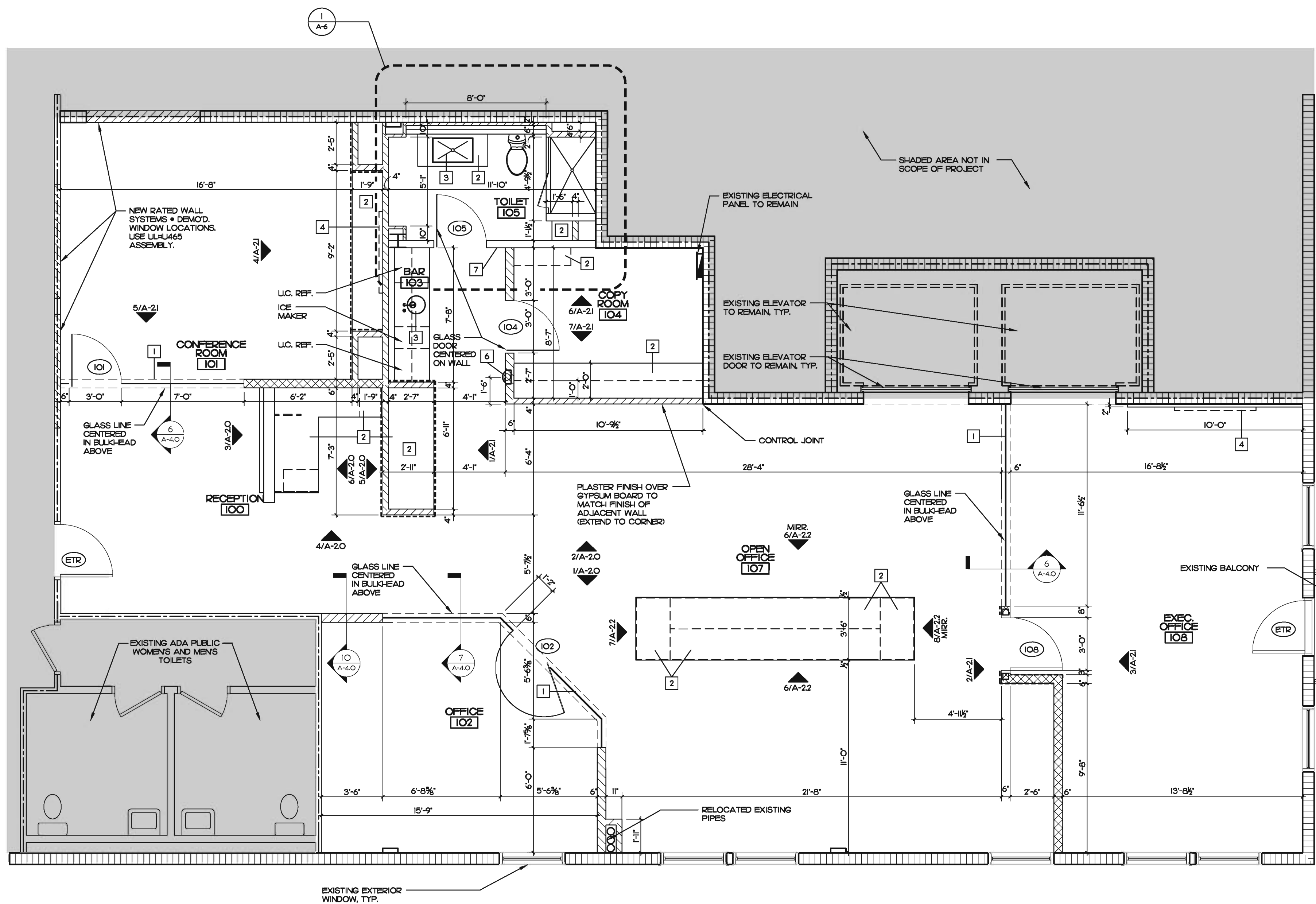
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D-1.0

DEMOLITION PLAN





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

KEYNOTE LEGEND

- 1 NEW FRAMELESS GLASS SYSTEM - SEE INTERIOR ELEVATIONS.
- 2 NEW BUILT-IN CABINETRY WITH FIRE RET. 2X WOOD BLOCKING.
- 3 NEW SINK - SEE PLUMBING DRAWINGS.
- 4 NEW PLASMA TV - TO BE PROVIDED BY TENANT AND INSTALLED BY GC. VERIFY MOUNTING HEIGHT WITH INTERIOR DESIGNER.
- 5 OWNER SUPPLIED LATERAL LIFE - CONTRACTOR TO PROVIDE COUNTER.
- 6 NEW FIRE EXTINGUISHER. SEE LIFE SAFETY DRAWINGS
- 7 SIGN THAT STATES II-4.16(3)(XIII) SIGN TO COMPLY WITH II-4.301, II-4.302, II-4.303, II-4.305 & II-4.307

WALL LEGEND

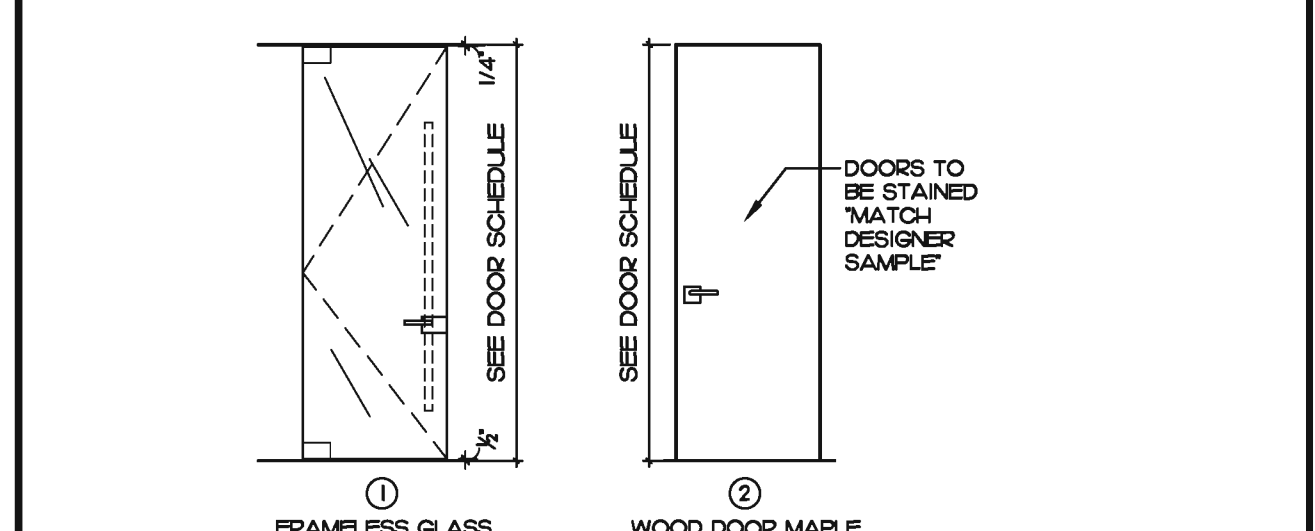
- EXISTING BLOCK WALL TO REMAIN
- EXISTING PARTITION WALL TO REMAIN
- EXISTING 1-HOUR PARTITION WALL TO REMAIN
- NEW PARTITION WALL - SEE DETAIL 3/A-4.0
- NEW 1-HR PARTITION WALL - SEE DETAIL 17/A-4.0
- NEW PARTITION WALL WITH APPLIED WOOD VENEER
- INTERIOR ELEVATION SYMBOL - SEE DRAWING DESIGNATED
- DOOR SYMBOL - REFER TO DOOR SCHEDULE
- DOOR SYMBOL - EXISTING DOOR TO REMAIN
- FINISH CLEAR DIMENSION (CRITICAL)

DOOR SCHEDULE

DOOR NO.	TYPE	WIDTH	HGT	THK	MATL	FINISH	FRAME	DETAILS	HDWR SET	REMARKS
101	1	3'-0"	7'-9 3/4"	1/2"	GLASS	CLEAR	---	8/A-4.0	---	A
102	1	3'-0"	8'-0 1/2"	1/2"	GLASS	CLEAR	---	8/A-4.0	---	A
104	1	3'-0"	8'-0 1/2"	1/2"	GLASS	CLEAR	---	8/A-4.0	---	A
105	1	3'-0"	8'-0 1/2"	1/2"	GLASS	FROSTED	---	8/A-4.0	---	B
108	2	3'-0"	7'-9 3/4"	1-3/4"	WOOD	STAIN	WOOD STAIN	9/A-4.0	9/A-4.0	C

- NOTES:**
- FINAL COORDINATION OF KEYING FUNCTIONS SHALL BE WITH TENANT.
 - DOOR HEIGHTS SHALL BE COORDINATED WITH FLOOR FINISHES.
 - ENTRY DOOR LOCKSET HARDWARE SHALL BE SCHLAGE 'D' SERIES ATHEN LEVER DESIGN, SATIN CHROME.
 - HINGES SHALL BE HAGAR 1279 4-1/2"x4-1/2" SATIN CHROME.
 - CLOSERS SHALL BE LCN 4010 HOLD OPEN.
 - DORMA VERTICAL PULL - TO 9987 074 8", SATIN (8/A-1.0 DOOR)
 - DORMA TOP PATCH PT 22 WITH INSERT FOR RTS TRANSOM CLOSER, SATIN CLOSER.
 - DORMA BOTTOM PATCH PT 10 WITH INSERT FOR PIVIT, SATIN CLOSE ROUND.
 - DORMA 85 TRANSOM CLOSER WITH HOLD OPEN, SATIN CHROME
 - DORMA RTS 85 TRANSOM CLOSER WITH HOLD OPEN, SATIN CHROME
 - DORMA STUDIO GALA WITH PRIVACY LOCK, 910.300 LEVERS
 - DORMA STUDIO GALA STRIKE BOX (SIDELIGHT), SATIN CHROME

- HARDWARE SETS:**
- A** VERTICAL PULLS (2)
TOP & BOTTOM PATCH
TRANSOM CLOSER
BOTTOM PIVIT
FLOOR STOP (DOOR 101 AND 102)
 - B** DORMA PRIVACY LOCK
DORMA STRIKE BOX
TOP & BOTTOM PATCH
TRANSOM CLOSER
BOTTOM PIVIT
 - C** HINGES (4)
ENTRY LOCKSET
CLOSER
FLOOR STOP



GLIDDEN • SPINA & PARTNERS
ARCHITECTURE • INTERIOR DESIGN, INC.

GS&P

PHONE : 561.684.5594 • FAX : 561.684.6844 • E-MAIL : info@gs&p-architects.com
1401 FORUM WAY, SUITE 100 • WEST PALM BEACH, FLORIDA 33401
FL License #A326001602
Benjamin John Glidden, III #AR6536
Keith M. Spina #AR13419

Tenant Improvements For:
North American Development Group
Suite 201
400 Clematis Street
West Palm Beach, Florida 33401

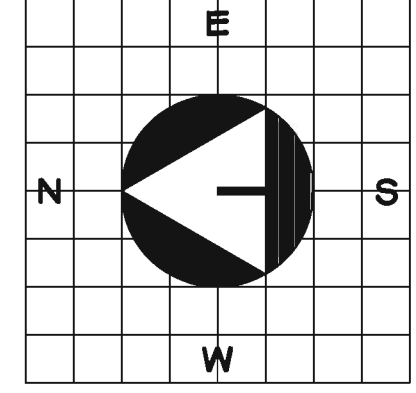
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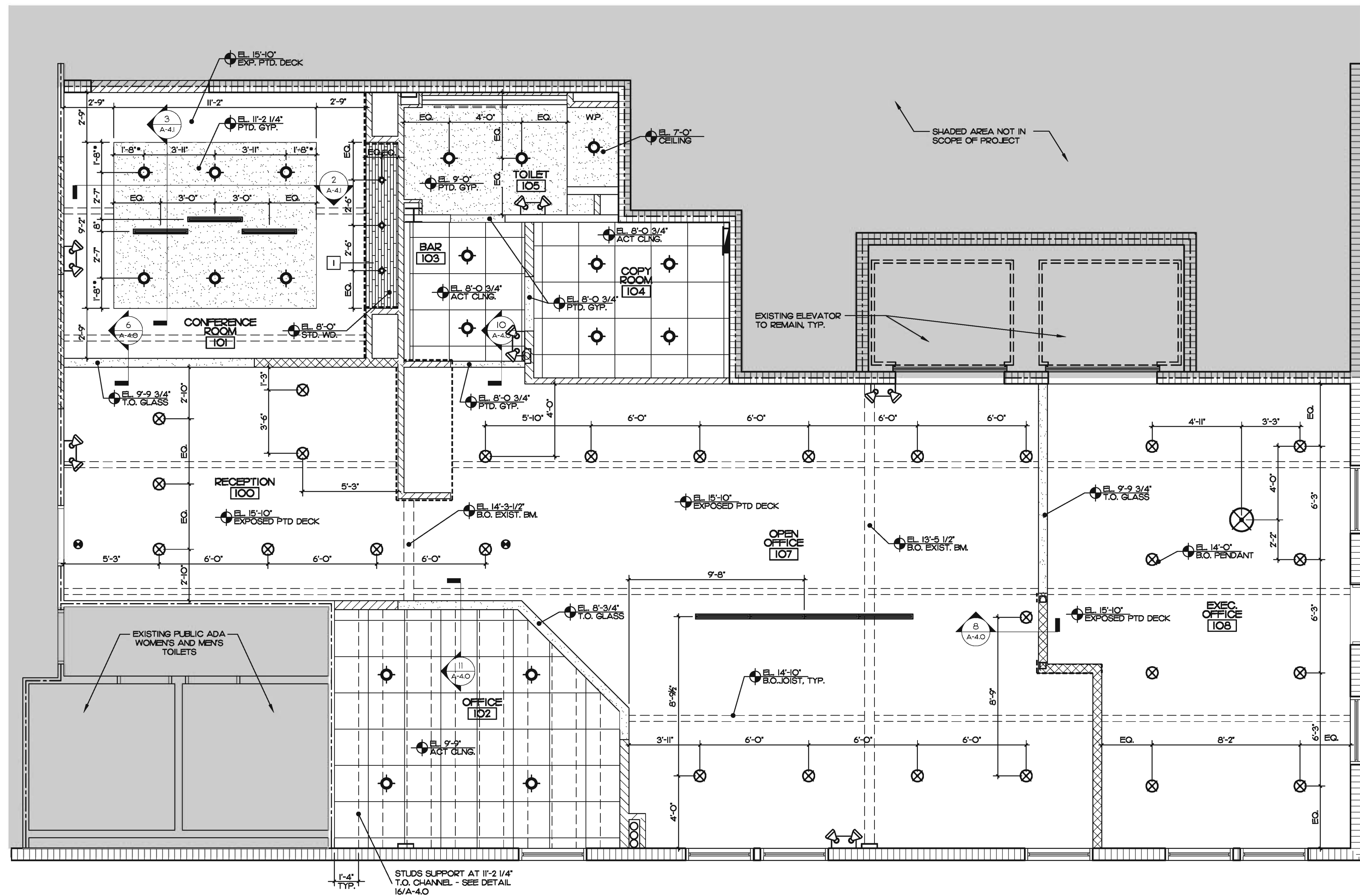
project no: 10167
date: 12/21/10
drawn by: PK/A
checked by: JG

revisions:

FLOOR PLAN



A-1.0



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

CEILING KEYNOTE LEGEND

1 APPLIED VENEER FINISH - COORDINATE WITH INTERIOR DESIGNER

WALL LEGEND

- [Pattern] EXISTING BLOCK WALL TO REMAIN
- [Pattern] EXISTING PARTITION WALL TO REMAIN
- [Pattern] EXISTING H-HOUR PARTITION WALL TO REMAIN
- [Pattern] NEW PARTITION WALL - SEE DETAIL 3/A-4.0
- [Pattern] NEW H-HR PARTITION WALL - SEE DETAIL 17/A-4.0
- [Pattern] NEW PARTITION WALL WITH APPLIED WOOD VENEER

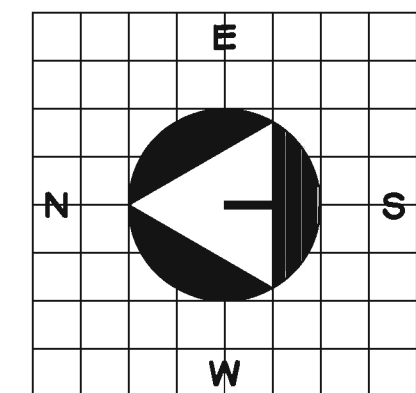
CEILING LEGEND

- [Symbol] NEW PENDANT MOUNTED DOWN-LIGHTS - SEE ELECTRICAL DWGS. FOR SPECIFICATIONS.
- [Symbol] NEW RECESSED DOWNLIGHT W/ SILVER TRIM - SEE ELECTRICAL DWGS. FOR SPECIFICATIONS.
- [Symbol] NEW DECORATIVE LIGHT FIXTURE - SEE ELECTRICAL DWGS. FOR SPECIFICATIONS.
- [Symbol] NEW EMERGENCY LIGHT - SEE ELEC. DWGS.
- [Symbol] NEW EDGE-LIT LED EXIT SIGN WITH GREEN LETTERS - SEE ELEC. DWGS.
- [Pattern] NEW DRY-WALL CEILING
- [Symbol] CEILING HEIGHT AS NOTED

NOTES
 1. ALL LIGHT SWITCHES SHALL BE 'DECORA' TYPE AND SWITCHES AND OUTLET COLOR SHALL BE SELECTED BY INTERIOR DESIGNER AND COORDINATE WITH MOTION SENSORS WHITE SWITCHES.
 2. ALL GYPSUM BOARD CEILING TO BE 5/8" UNLESS OTHERWISE NOTED.
 * CRITICAL DIMENSION - MUST MAINTAIN

REFLECTED CEILING PLAN

SCALE 1/4"=1'-0"



GLIDDEN • SPINA & PARTNERS
 ARCHITECTURE • INTERIOR DESIGN, INC.
 PHONE : 561.684.5594 • FAX : 561.684.6844 • E-MAIL : info@gs&p-architects.com
 1401 FORUM WAY, SUITE 100 • WEST PALM BEACH, FLORIDA 33401
 FL License #A1326001602
 Benjamin John Glidden, III #AR13419
 Keith M. Spina #AR13419

Tenant Improvements For:
North American Development Group
 Suite 201
 400 Clematis Street
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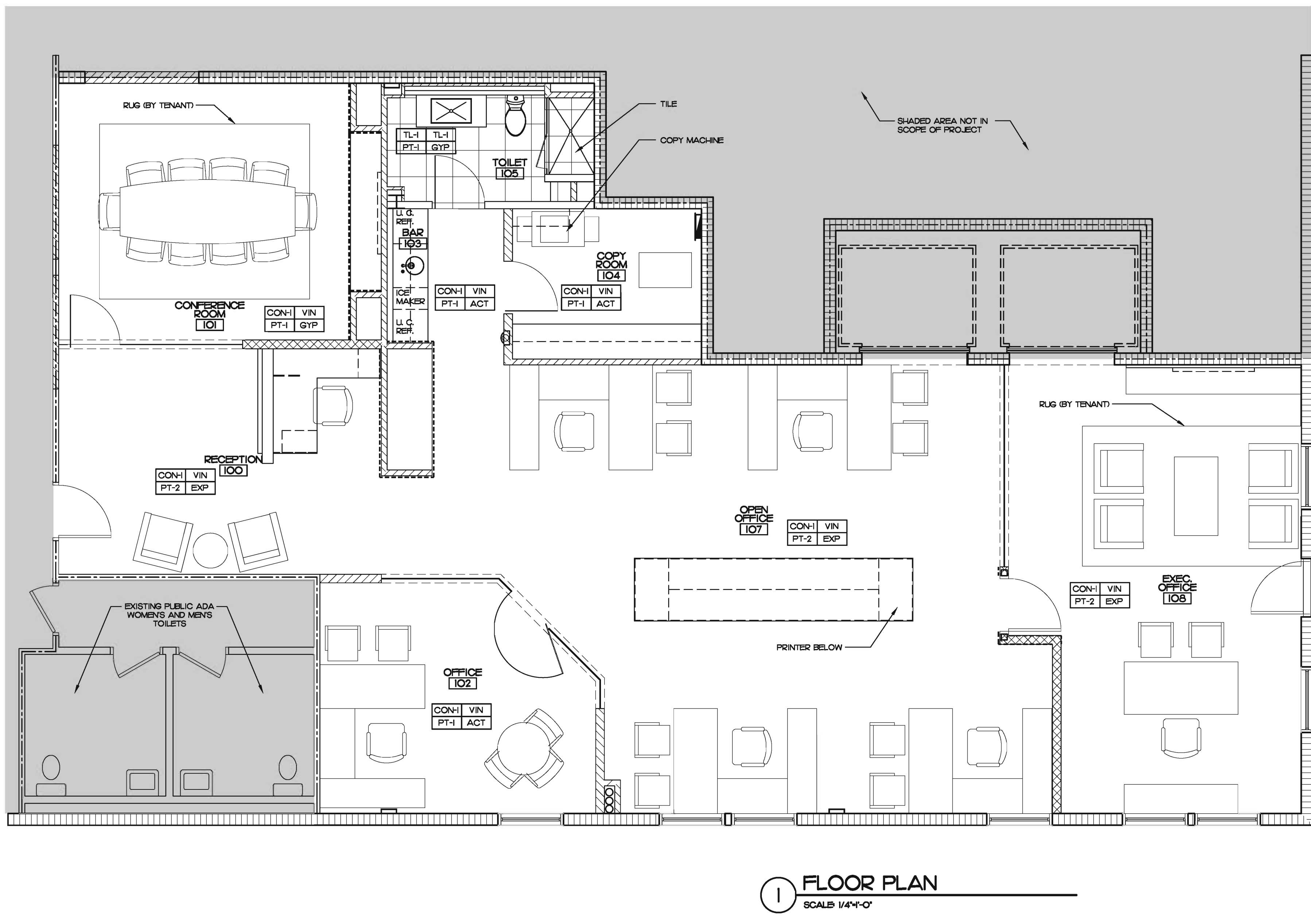
revisions:

project no: 10167
 date: 12/21/10
 drawn by: PK/IA
 checked by: JG

A-1.1

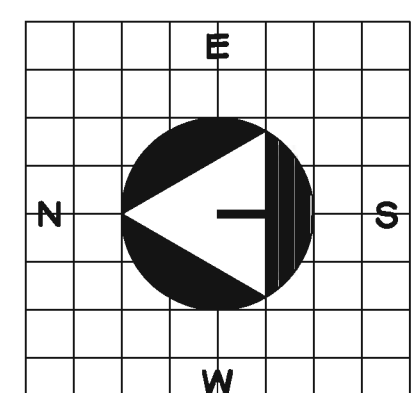
FINISH SPECIFICATIONS

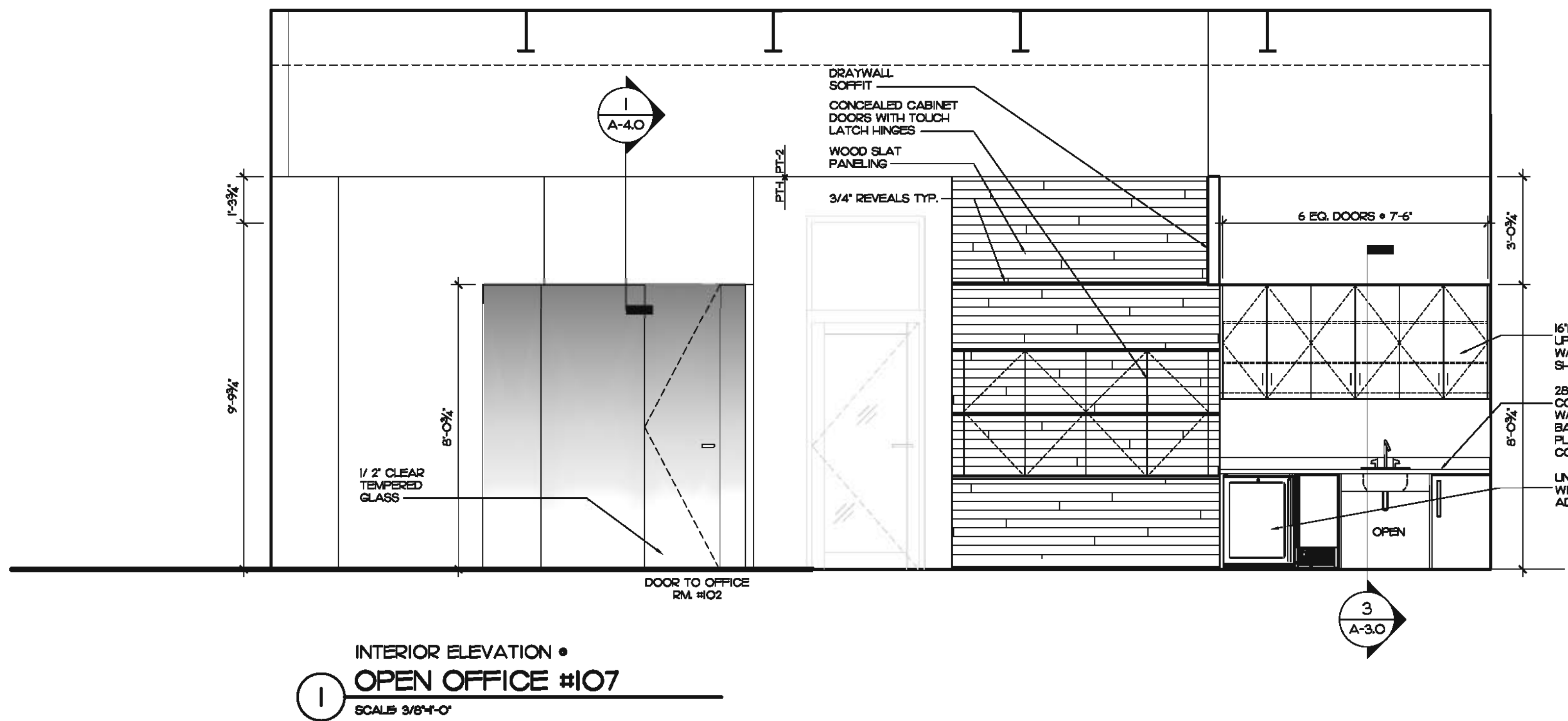
FLOOR
 • CONTRACTOR SHALL REMOVE EXISTING FLOOR COVERING, AND PREPARE CONCRETE SLAB TO ACCEPT SPECIFIED FLOOR FINISHES. PROVIDE STAINLESS STEEL SCH-LUTER EDGE AT TILE.
CONCRETE -
 • SCH-OFIELD FORMULA ONE GROUND AND POLISHED CONCRETE SYSTEM WITH LITHIUM DENSIFIER MP AND LIQUID DYE CONCENTRATE, GRADE 2, CLASS 2 FINISH.
TILE - MATERIAL AND INSTALLATION BY G.C. MANUFACTURER: DALTILE
 • COLOR BODY PORCELAIN TILE MONTICITO, CREMA M 120, 18"X18" RECTIFIED, CREDIT CARD JOINTS.
BASE
TILE BASE - MATERIAL AND INSTALLATION BY G.C. MANUFACTURER: DALTILE
 • COLOR BODY PORCELAIN TILE MONTICITO, CREMA M 120, 4"X12" BULLNOSE, CREDIT CARD JOINTS.
RUBBER - MATERIAL AND INSTALLATION BY G.C. MANUFACTURER: ARMSTRONG
 • RUBBER BASE- 2-1/2" CONTINUOUS STRAIGHT BASE WITH PRE-FORMED CORNERS, 1/8" THICK.
 • COLOR: T.B.S.
WALL
 • GYPSUM BOARD - SMOOTH SLICK FINISH READY TO RECEIVE PAINT OR TO RECEIVE APPLIED SPECIALTY FINISHES.
PAINT MANUFACTURER: SHERWIN WILLIAMS
 • 2 COATS OF PAINT OVER 1 COAT PRIMER- SEE SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS. PROVIDE WALL SAMPLE FOR DESIGNER APPROVAL.
 PAINT #1 - DURATION HOME INTERIOR ACRYLIC LATEX FLAT - SW 7004 SNOWBOUND
 PAINT #2 - PROGREEN 200 LOW VOC INTERIOR LATEX FLAT - SW 6256 TRICORN BLACK
CHROMA WALL MANUFACTURER: 3-FORM
 • CHROMA 1/2" THICK. CONTACT: BEN MCCABE PHONE: 954-557-0503
 SHEET SIZE 4X8 FOR MAXIMUM YIELD.
 INSTALL HORIZONTAL, NO SEAMS.
 FRONT FINISH PERIWINKLE SANDSTONE
 BACK FINISH LIQUID WHITE MATTE
 FIELD FIT AS REQUIRED, WHERE NOTED.
 • CHANNEL - 1/2" FACE BRUSHED ALUMINUM - SUBMIT TO INT. DESIGNER FOR APPROVAL.
WOOD SLAT MANUFACTURER: SHERWIN WILLIAMS
 • ARMSTRONG PREMIER PERFORMANCE 3" ENGINEERED HARDWOOD FLOORING WALNUT GINGER FINISH BLIND NAIL, AND MASTIC APPLIED TO 3/4" WALNUT INSERTS (REFER TO ELEVATIONS FOR PATTERN & SPACING OF INSERTS)
 PANELS SHALL BE ATTACHED TO THE WALL FRAMING WITH CLEATS.
 PROVIDE FIRE TREATED BLOCKING AS REQUIRED FOR THE PANEL ATTACHMENT.
LEATHER
 • MATTE FINISH BLACK LEATHER PANELS ATTACHED TO 3/4" PLYWOOD. EDGE STICKING AT PERIMETER OF EACH PANEL. REFER TO ELEVATIONS FOR PANEL PATTERN.
TILE MANUFACTURER: DALTILE
 • COLOR BODY PORCELAIN TILE MONTICITO CREMA M 120, 18"X18" RECTIFIED WITH CREDIT CARD JOINTS.
CEILING
 • ALL BULKHEADS OR SOFFITS SHALL BE PAINTED.
 • CONTRACTOR TO LAYOUT CEILING GRID AS SHOWN ON PLAN.
 • REGULAR EDGES IN ANY VISIBLE AREAS CONTAINING LINEAR AIR BARS, LIGHTS AND SOFFITS SHALL BE FACTORY PAINTED.
PAINT MANUFACTURER: SHERWIN WILLIAMS
 • 2 COATS OVER 1 COAT OF PRIMER PAINT ON ALL GYPSUM BOARD CEILINGS AS NOTED ON PLAN.
 PAINT #1 - PROGREEN 200 VOC INTERIOR LATEX FLAT - SW 7004 SNOWBOUND
ACOUSTICAL CEILING
 • TILE #1 - ARMSTRONGS #912 ULTIMA BEVELED REGULAR 2'X2'X3/4" WITH SUPRAFINE 9/16" EXPOSED TEE GRID.
A/C GRILLES
 • LINEAR DIFFUSERS - COLOR: WHITE.
CABINETS
 RECEPTION 100 MANUFACTURER: WILSONART
 • COUNTERTOPS - WALNUT VENEER PLYWOOD FINISH TO MATCH TENANT SAMPLE
 • CABINETS - WALNUT VENEER PLYWOOD, HORIZONTAL GRAIN BRUSHED STAINLESS STEEL PANELS
 CONFERENCE 101
 • COUNTERTOPS - WALNUT VENEER PLYWOOD FINISH TO MATCH TENANT SAMPLE
 • CABINETS - WALNUT VENEER PLYWOOD HORIZONTAL GRAIN FINISH TO MATCH TENANT SAMPLE
 BAR 103
 • COUNTERTOPS- 3-FORM CHROMA TITANIUM RENEWABLE MATTE, 3/4" THICK
 • CABINETS - WALNUT VENEER PLYWOOD, FINISH TO MATCH TENANT SAMPLE MANUF: WILSONART
 COPY ROOM 104
 • COUNTERTOPS - COLORCORE 2, 72230-90 NEW WHITE
 • BASE AND UPPER - COLORCORE 2, 72230-90 NEW WHITE
 TOILET 105
 • COUNTERTOPS- MANUF. AVONITE/SOLID SURFACE FOUNDATIONS, COLOR: CAVERN F1-7821, SATIN, CUT SQUARE CORNERS - EDGE PROFILE: SQUARE, 6"
 OPEN OFFICE 107
 • COUNTERTOPS - WALNUT VENEER PLYWOOD FINISH TO MATCH TENANT SAMPLE
 • CABINETS - WALNUT VENEER PLYWOOD HORIZONTAL GRAIN FINISH TO MATCH TENANT SAMPLE
WINDOW TREATMENTS
 • WINDOW TREATMENTS - MATERIAL AND INSTALLATION BY TENANT
APPLIANCES MANUFACTURER: U-LINE & SUMMIT
 • CONTRACTOR TO PROVIDE ARCHITECT WITH CUT SHEETS FOR APPLIANCES FOR APPROVAL
 1. UNDER COUNTER REFRIGERATOR WITH STAINLESS STEEL HANDLE 05-3/8" - STAINLESS STEEL HINGE AS SHOWN ON ELEVATIONS U-LINE MODEL #U-AD24R2LS-15
 2. UNDER COUNTER REFRIGERATOR SUMMIT MODEL # FF1818ADA, STAINLESS STEEL FRONT, HINGE AS SHOWN ON ELEVATIONS.
 3. UNDER COUNTER IVE MAKER SUMMIT MODEL # BIM44ADA, STAINLESS STEEL FRONT, HINGE AS SHOWN ON ELEVATIONS WITH PUMP.
COVER PLATES
 • COLOR: WHITE ON WHITE PAINTED WALLS.
 BROWN ON STAINED WOOD.
RESTROOM ACCESSORIES
 • TO BE SELECTED BY INTERIOR DESIGNER.
 1. SOAP DISPENSER - FREE-STANDING
 2. TISSUE HOLDER - FREE-STANDING
 3. WASTE BASKET - FREE-STANDING
 4. TOILET TISSUE HOLDER - FREE-STANDING
CHROMA COUNTERS AT BAR MANUFACTURER: 3-FORM
 • CHROMA 3/4" THICK. COLOR: PERIWINKLE. FRONT FINISH: SANDSTONE. BACK FINISH: LIQUID WHITE MATTE
TELEVISIONS
 • TO BE SUPPLIED BY TENANT. COORDINATE MOUNTING HEIGHT FOR THE WALL MOUNT ONLY IN ROOM 108 WITH THE TENANT.
FINISH TAG LEGEND
 EXISTING FINISH TO REMAIN
 FLOOR FINISH: [XX-X] [XX-X] [XX-X] [XX-X]
 WALL FINISH: [XX-X] [XX-X]
 BASE FINISH: [XX-X]
 CEILING FINISH: [XX-X]



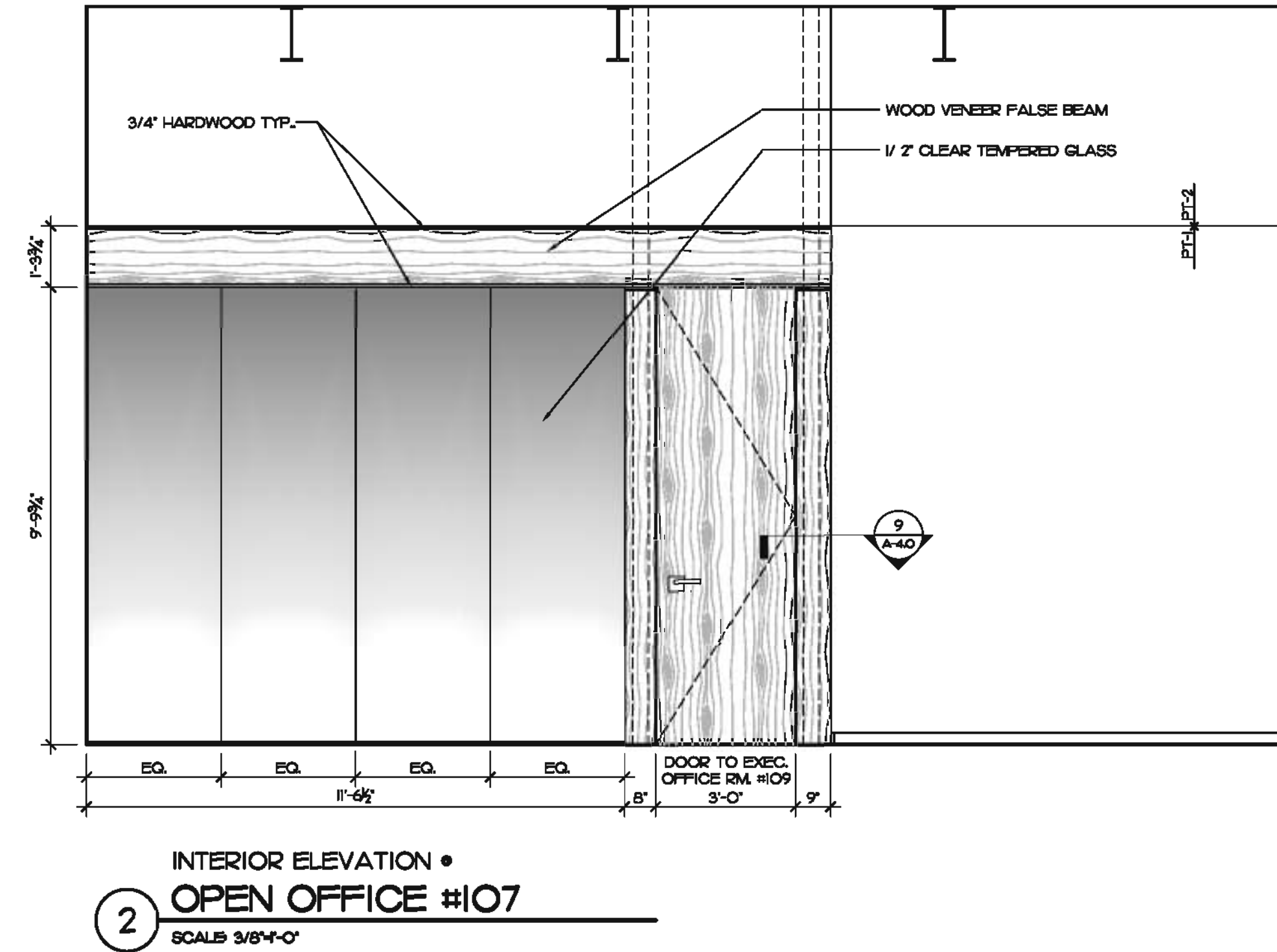
FINISH FLOOR PLAN

SCALE: AS NOTED

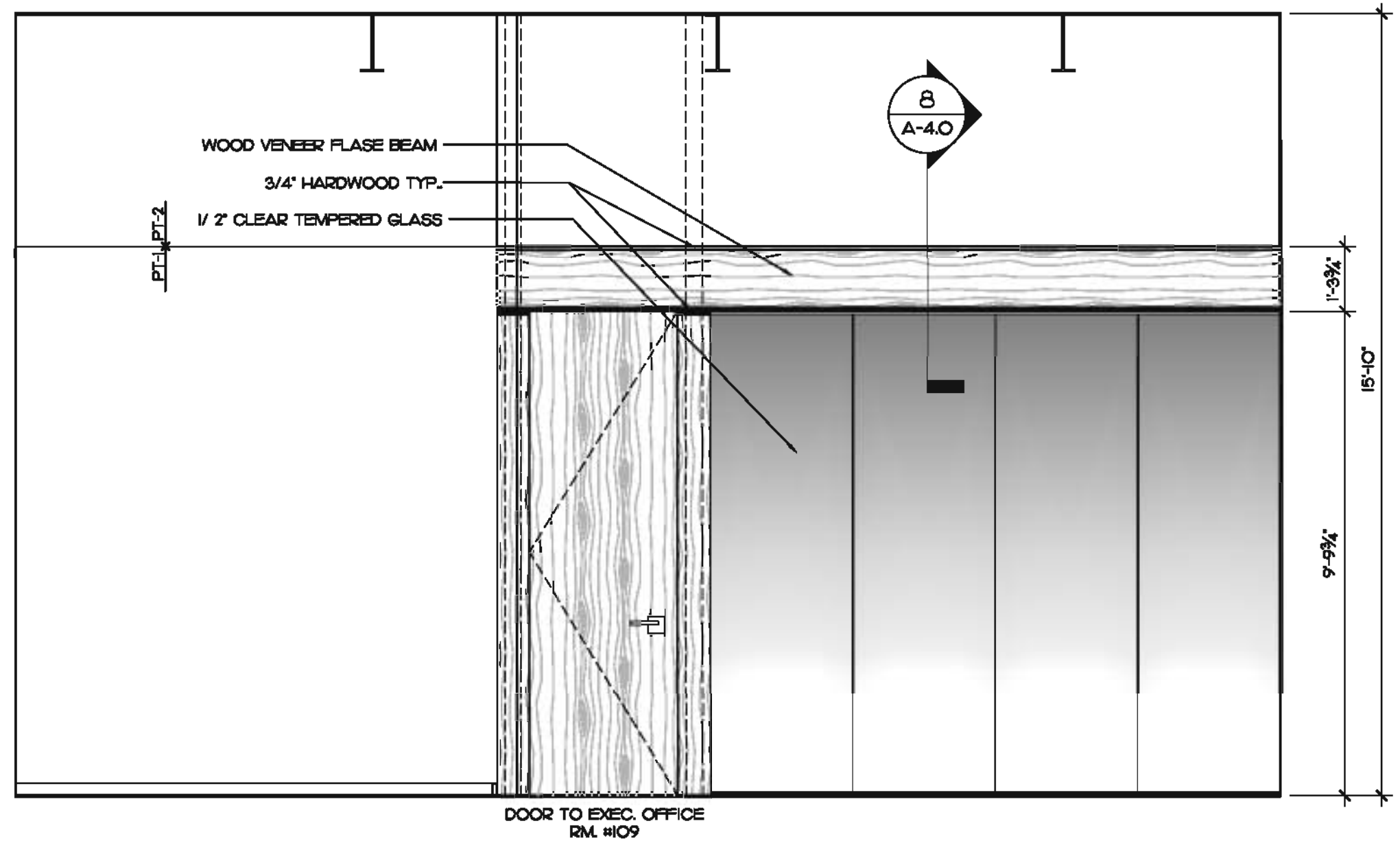




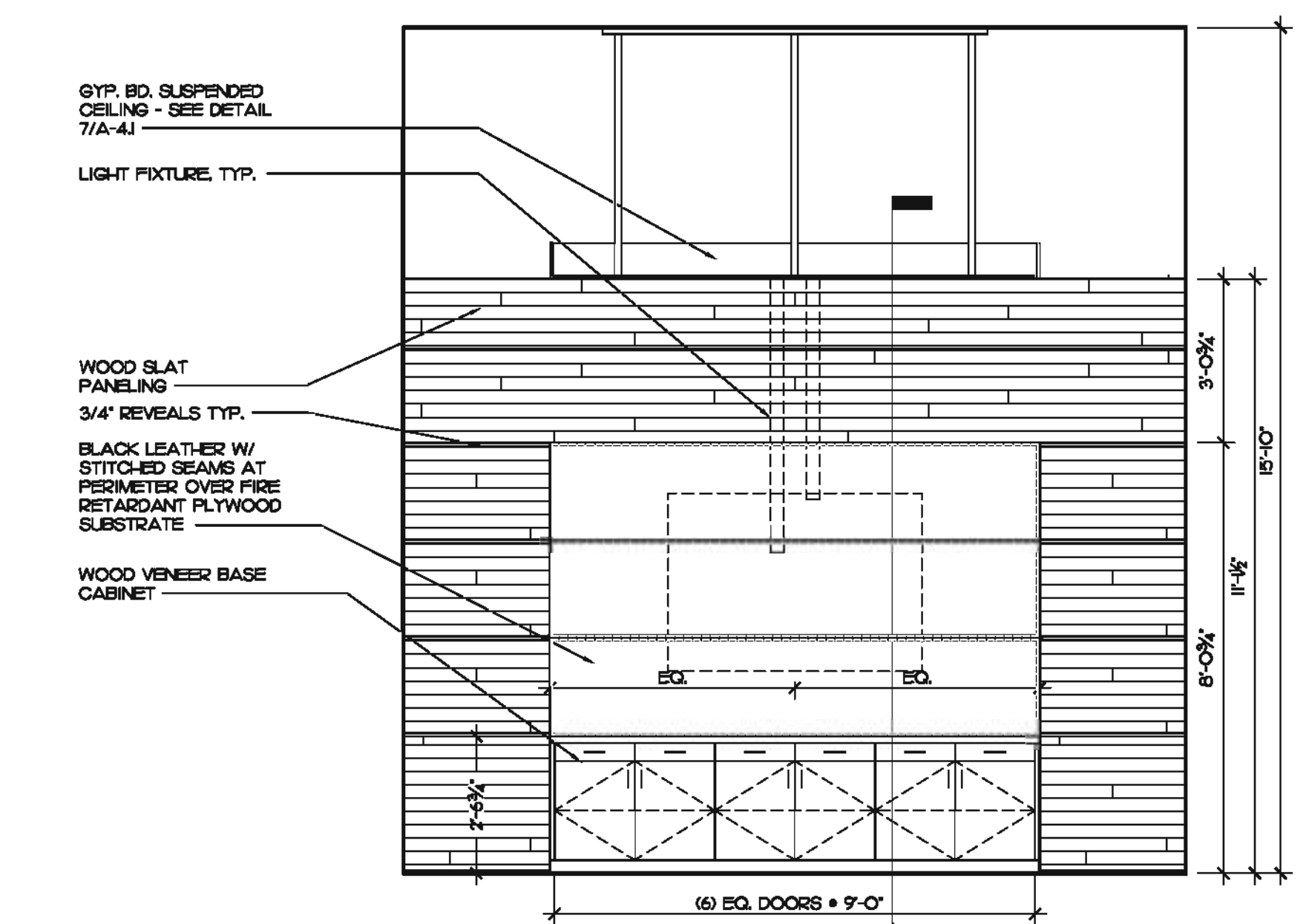
1 INTERIOR ELEVATION •
OPEN OFFICE #107
SCALE: 3/8"=1'-0"



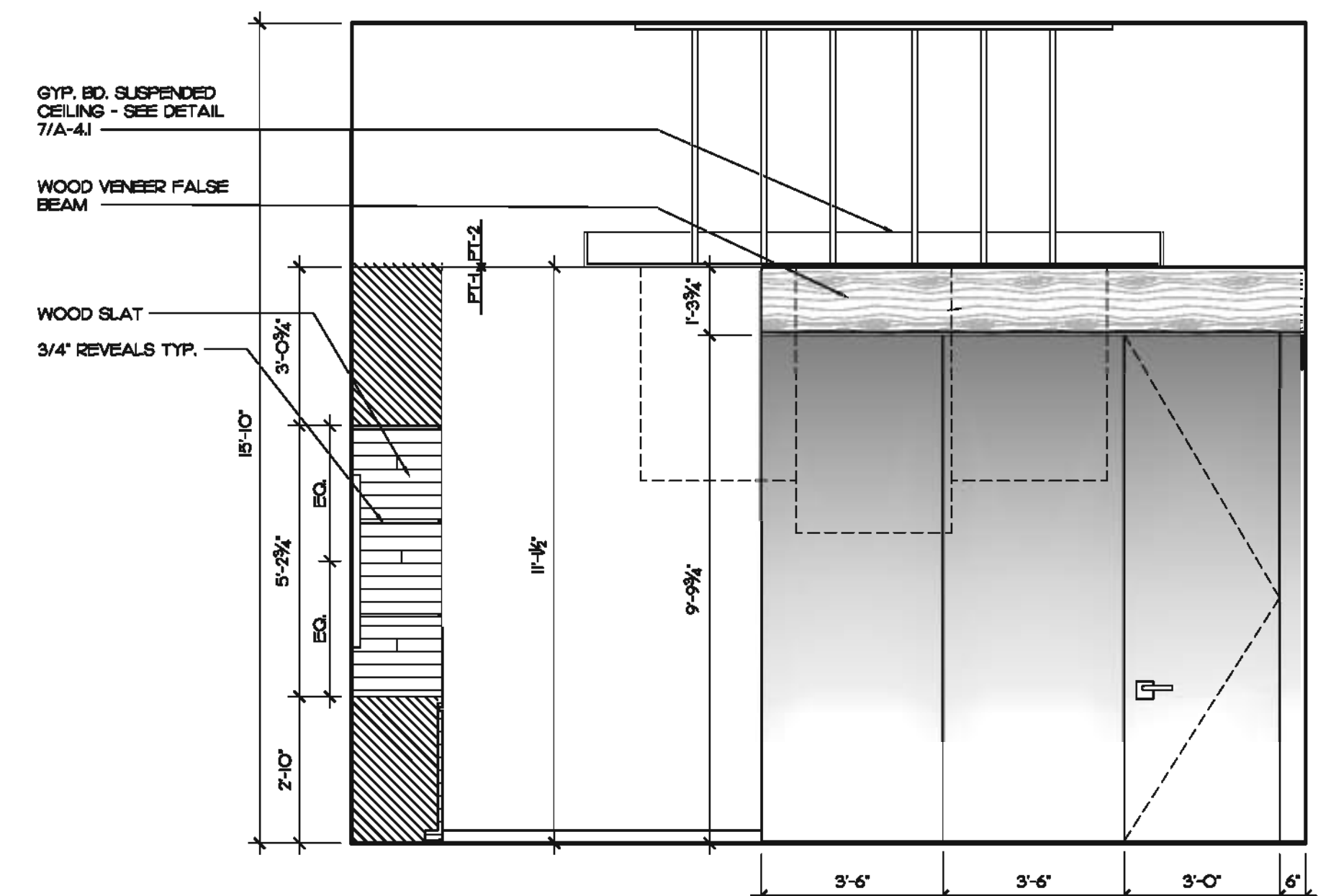
2 INTERIOR ELEVATION •
OPEN OFFICE #107
SCALE: 3/8"=1'-0"



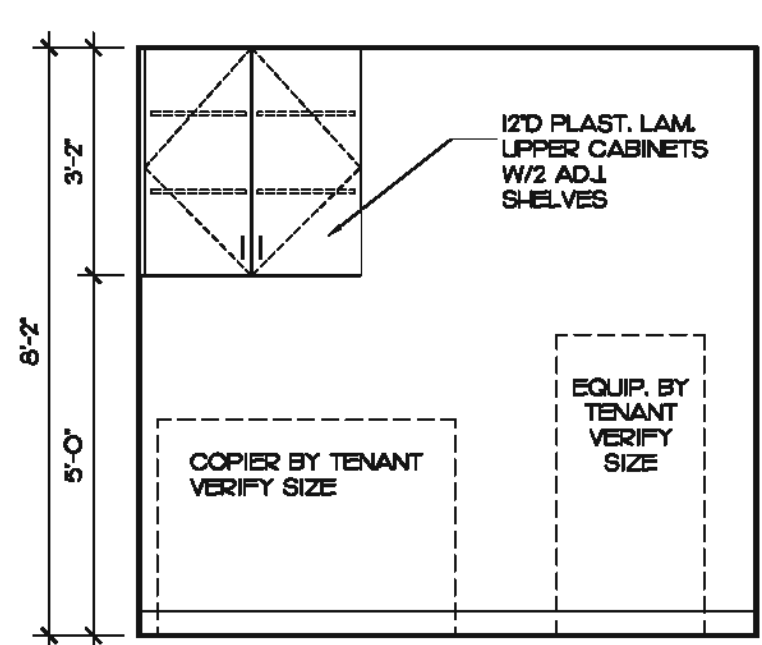
3 INTERIOR ELEVATION •
EXECUTIVE OFFICE #108
SCALE: 3/8"=1'-0"



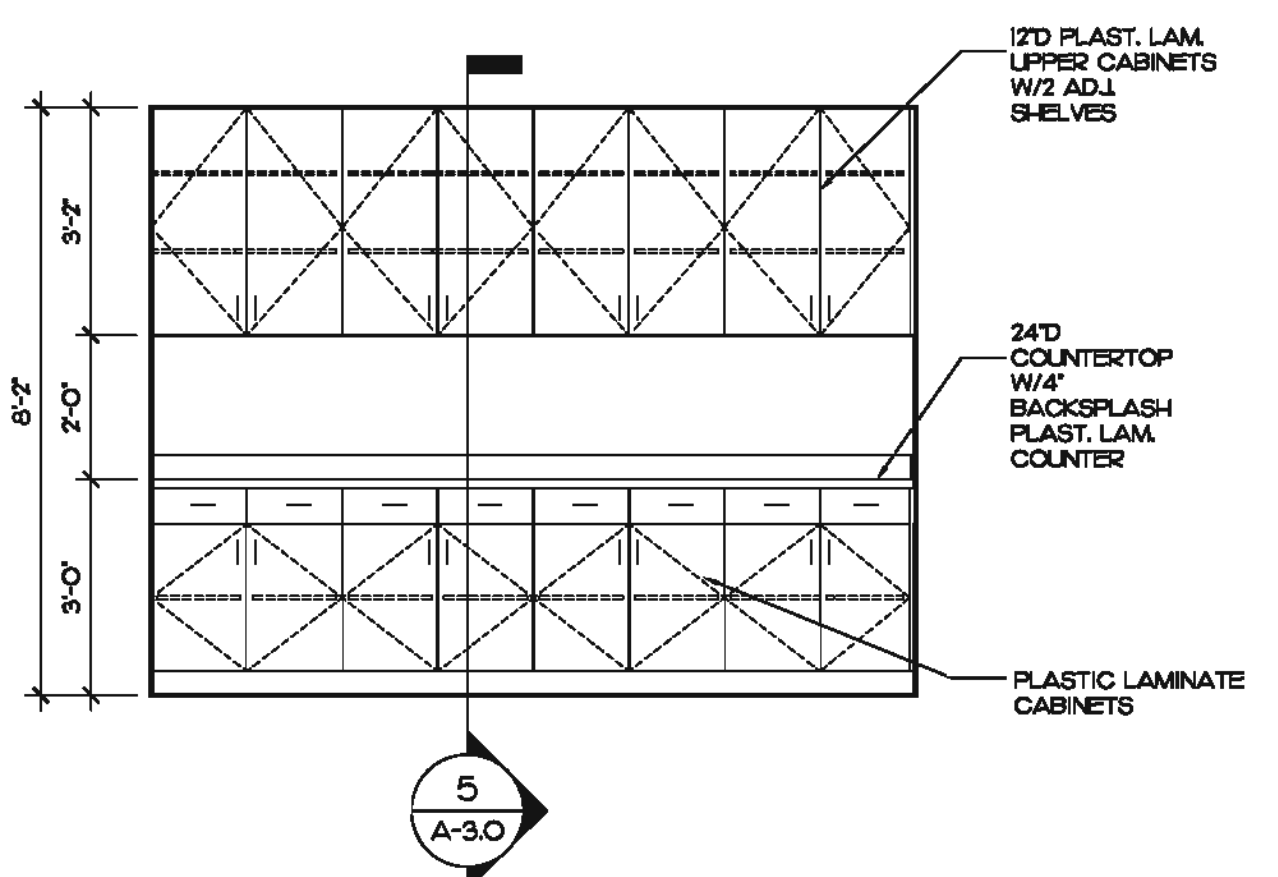
4 INTERIOR ELEVATION •
CONFERENCE ROOM #101
SCALE: 3/8"=1'-0"



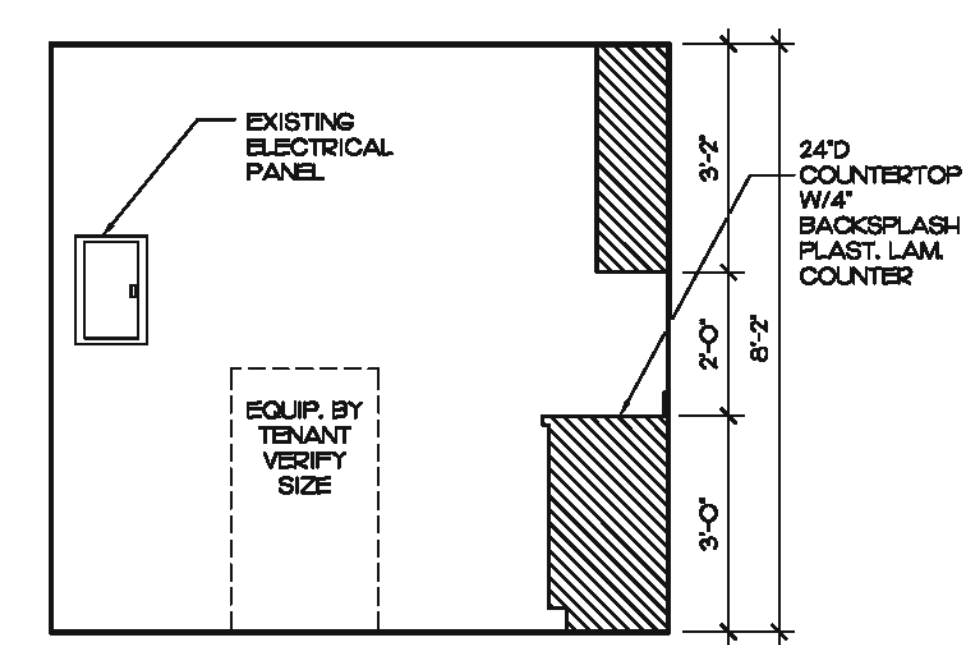
5 INTERIOR ELEVATION •
CONFERENCE ROOM #101
SCALE: 3/8"=1'-0"



6 INTERIOR ELEVATION •
COPY ROOM #104
SCALE: 3/8"=1'-0"



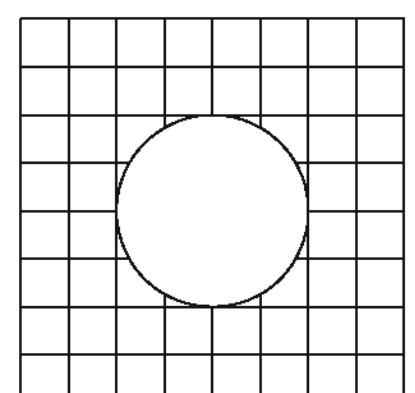
7 INTERIOR ELEVATION •
COPY ROOM #104
SCALE: 3/8"=1'-0"



8 INTERIOR ELEVATION •
COPY ROOM #104
SCALE: 3/8"=1'-0"

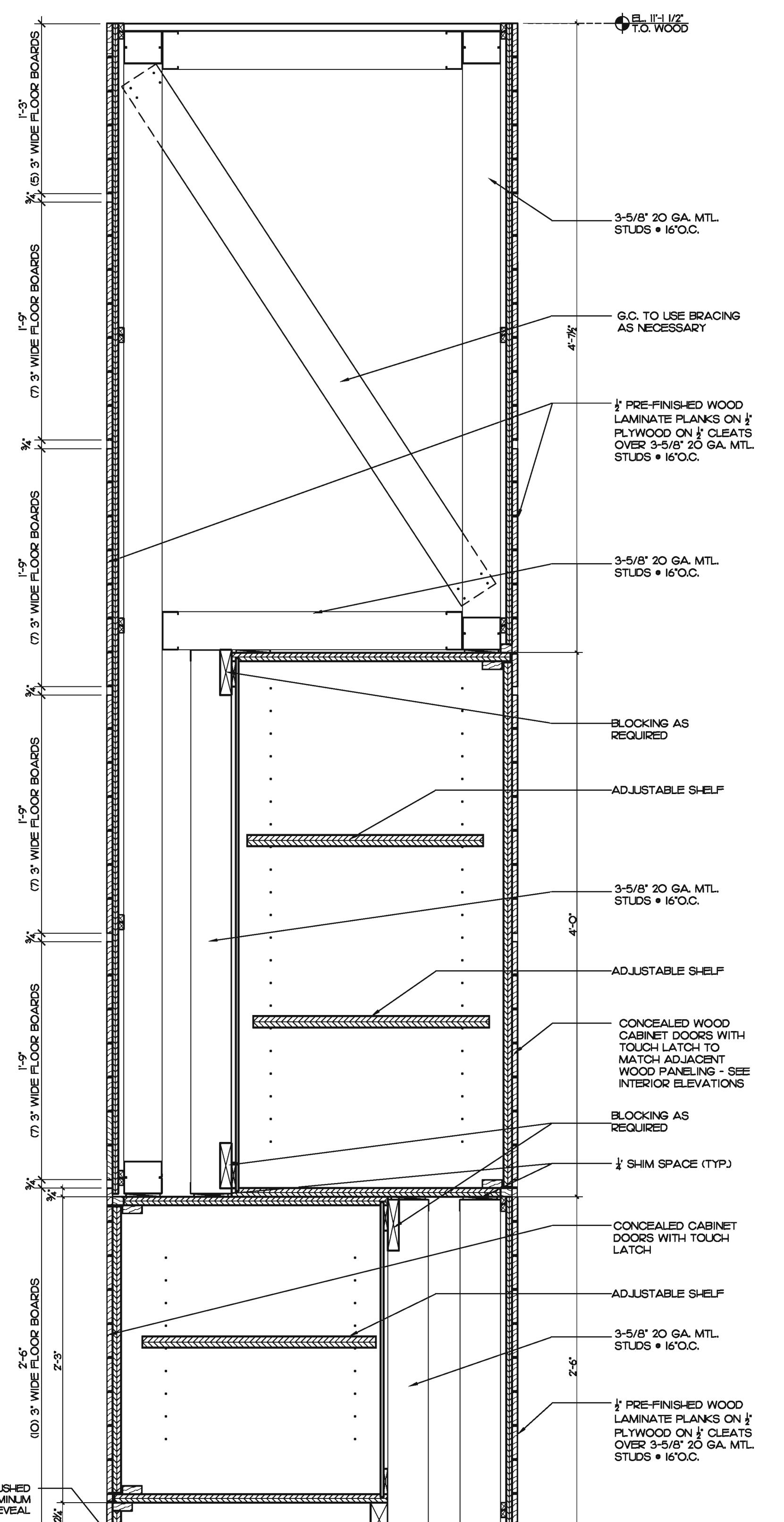
INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"

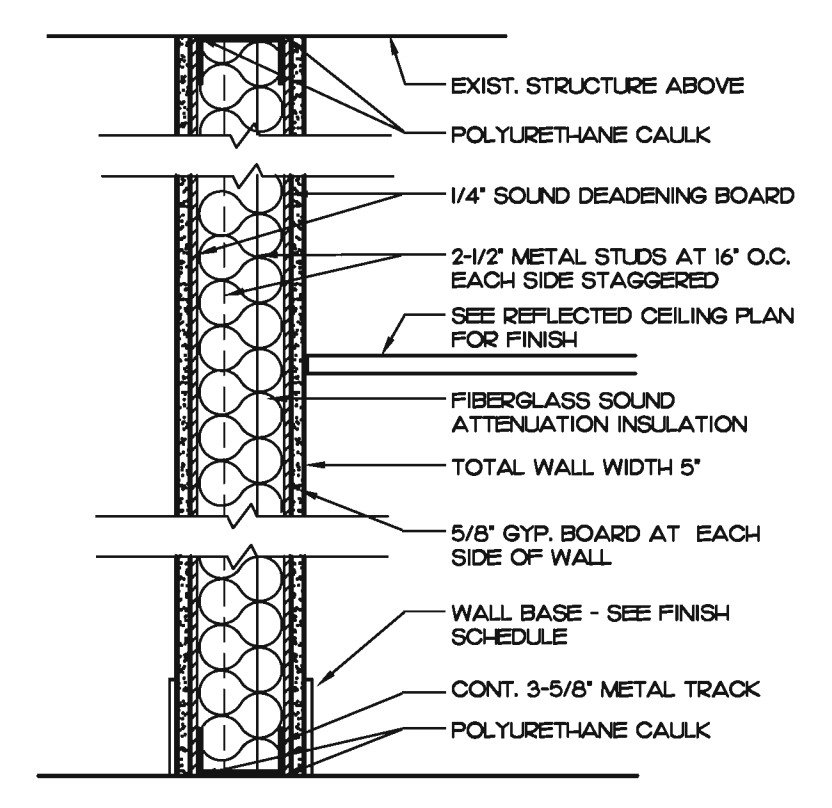


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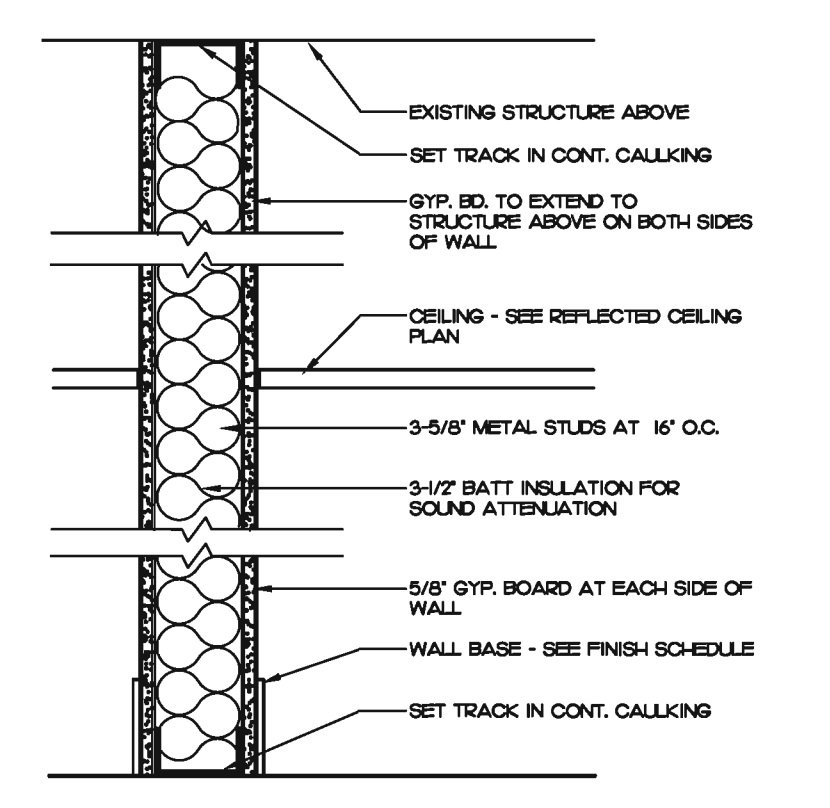
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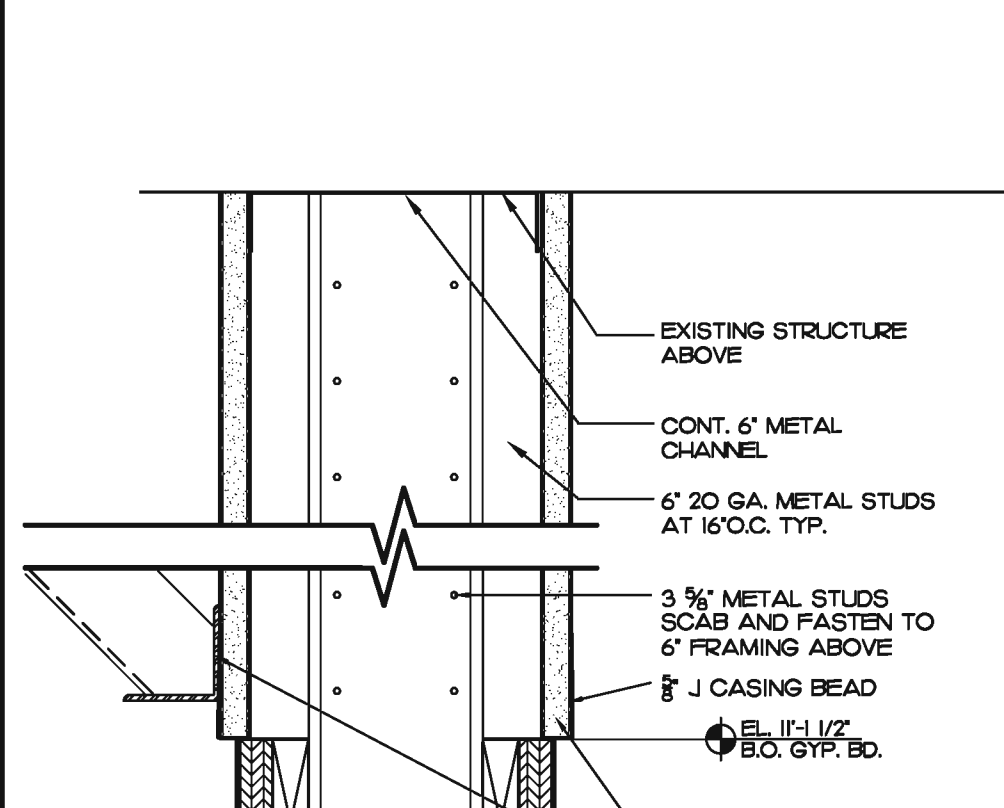
12 CABINET DETAIL
SCALE: 6'-4"-0"



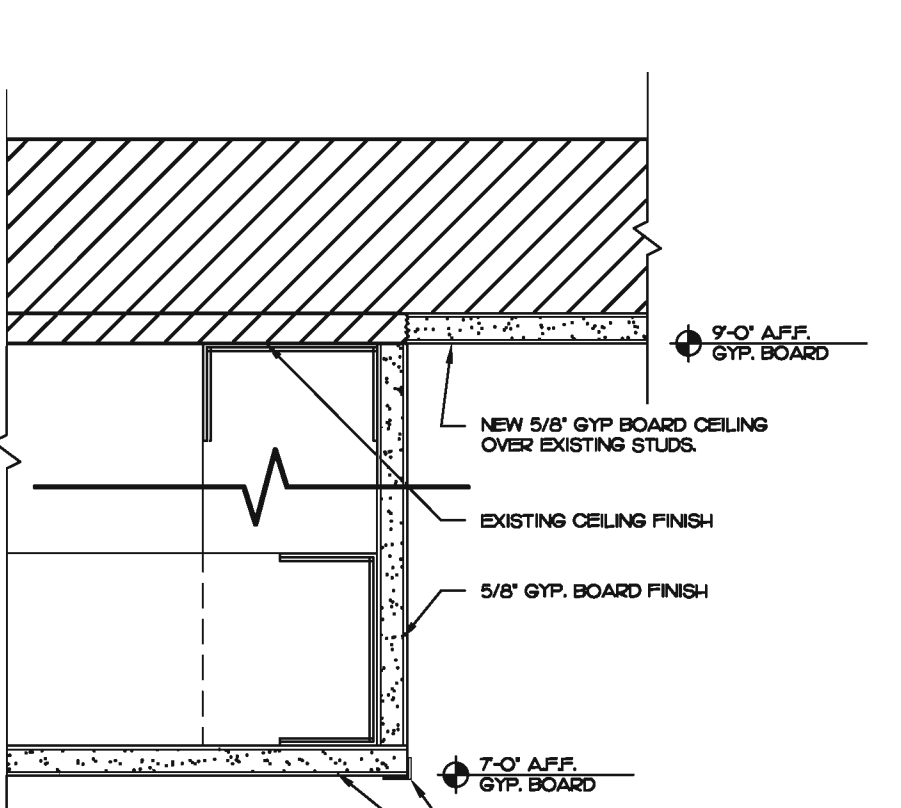
1 DETAIL SOUND PARTITION WALL
SCALE: 1-1/2"-0"



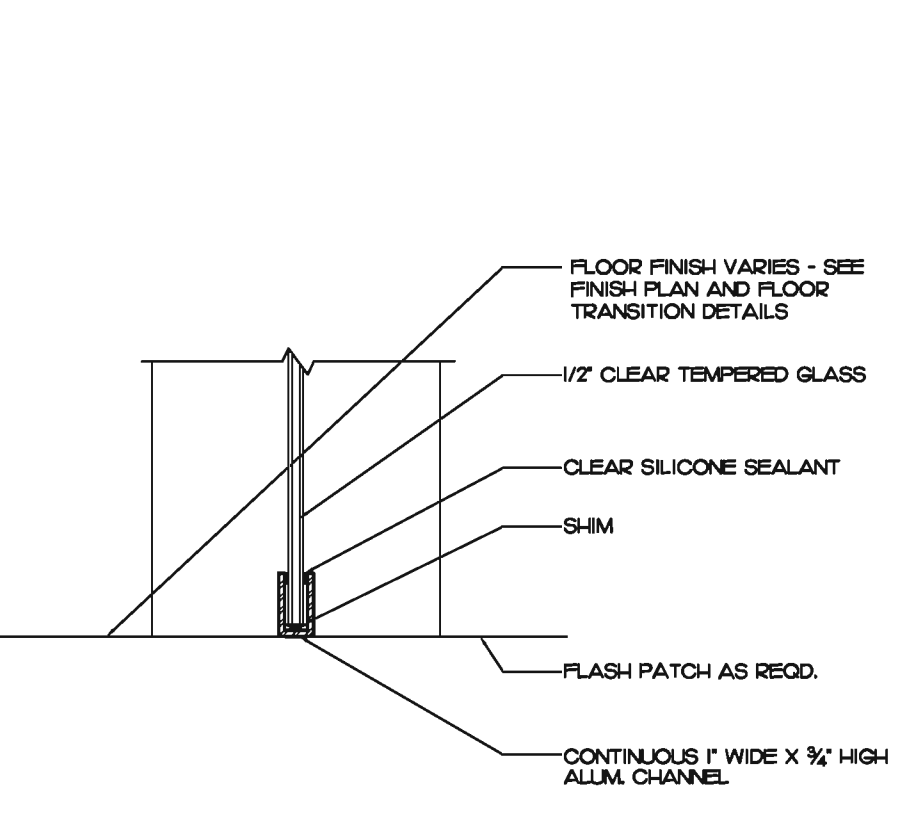
2 DETAIL TYPICAL PARTITION WALL
SCALE: 1-1/2"-0"



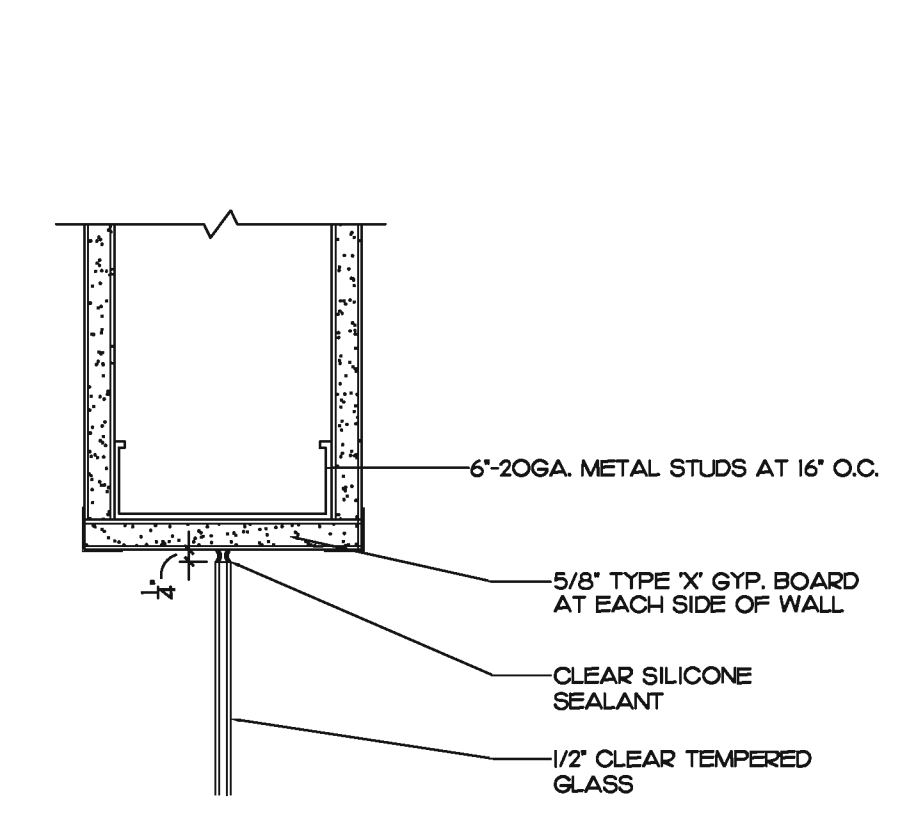
6 HEAD DETAIL
SCALE: 3'-4"-0"



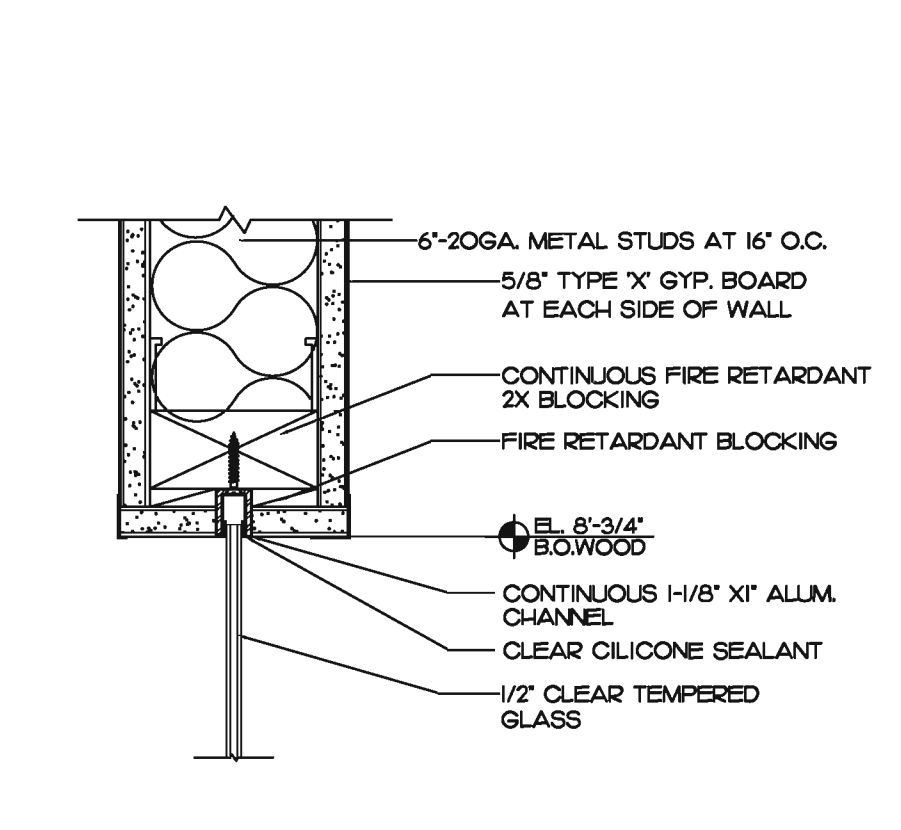
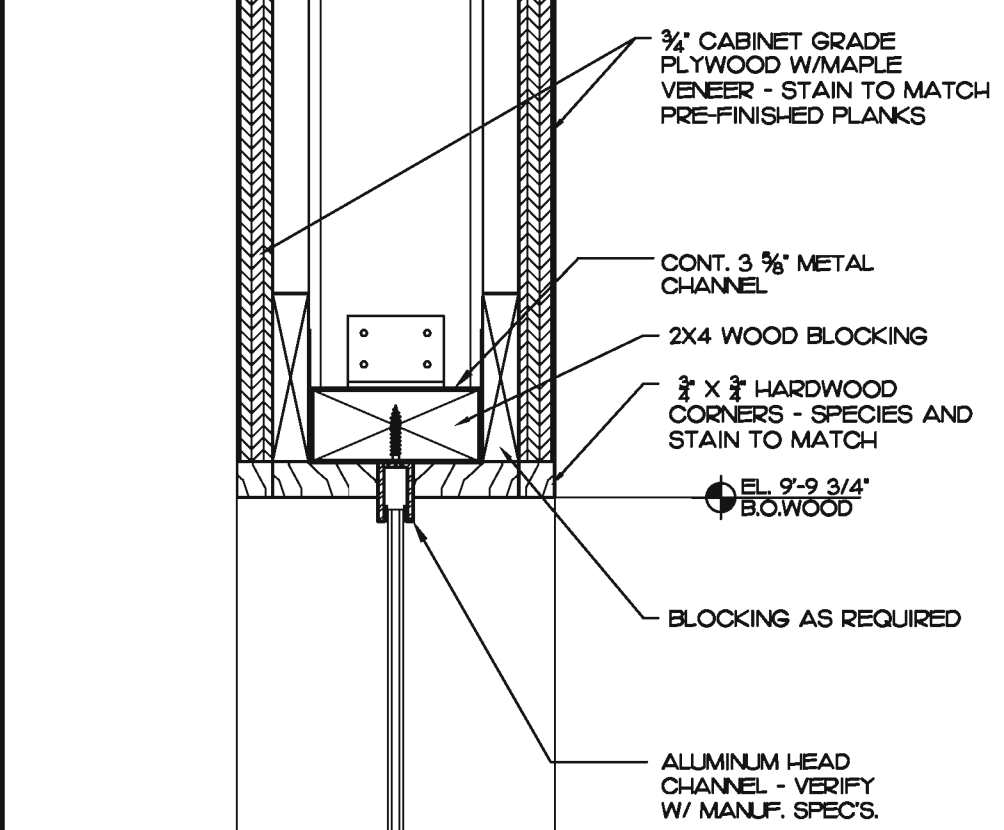
3 SOFFIT DETAIL
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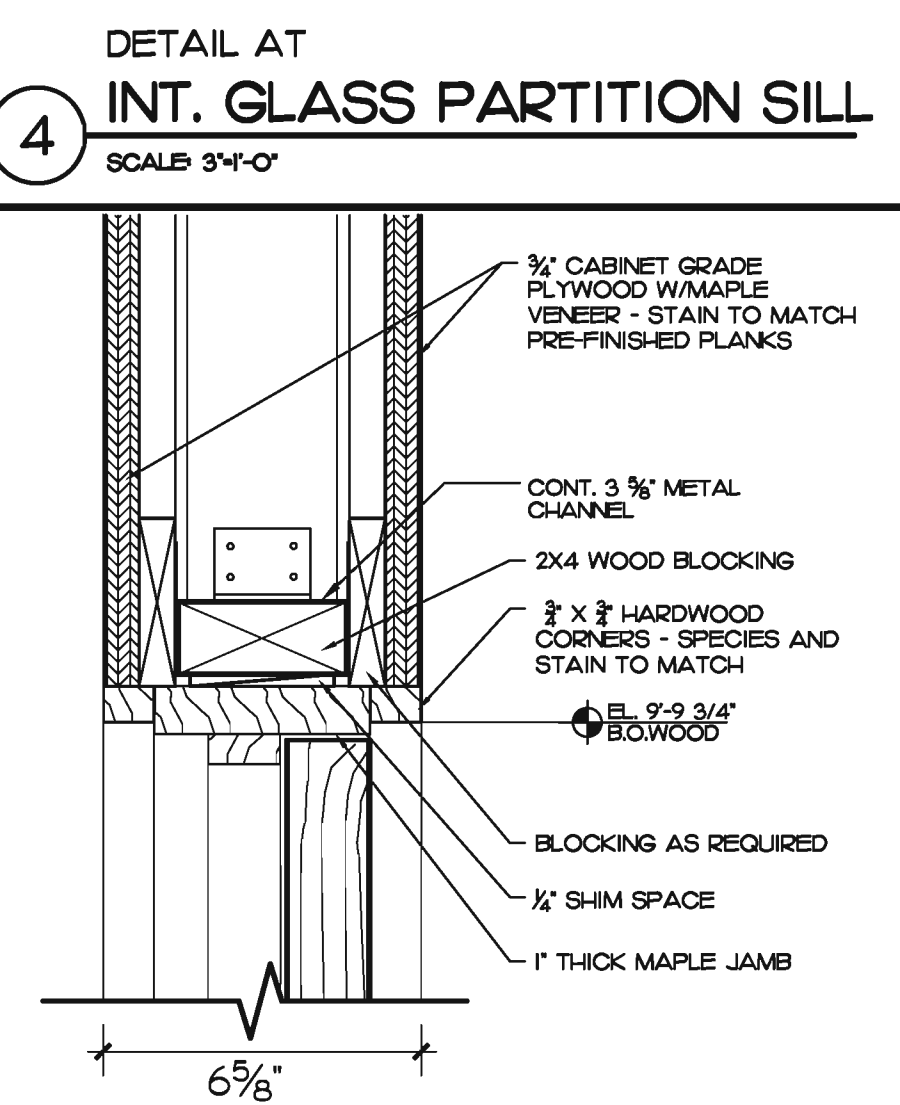
4 DETAIL AT INT. GLASS PARTITION SILL
SCALE: 3'-4"-0"



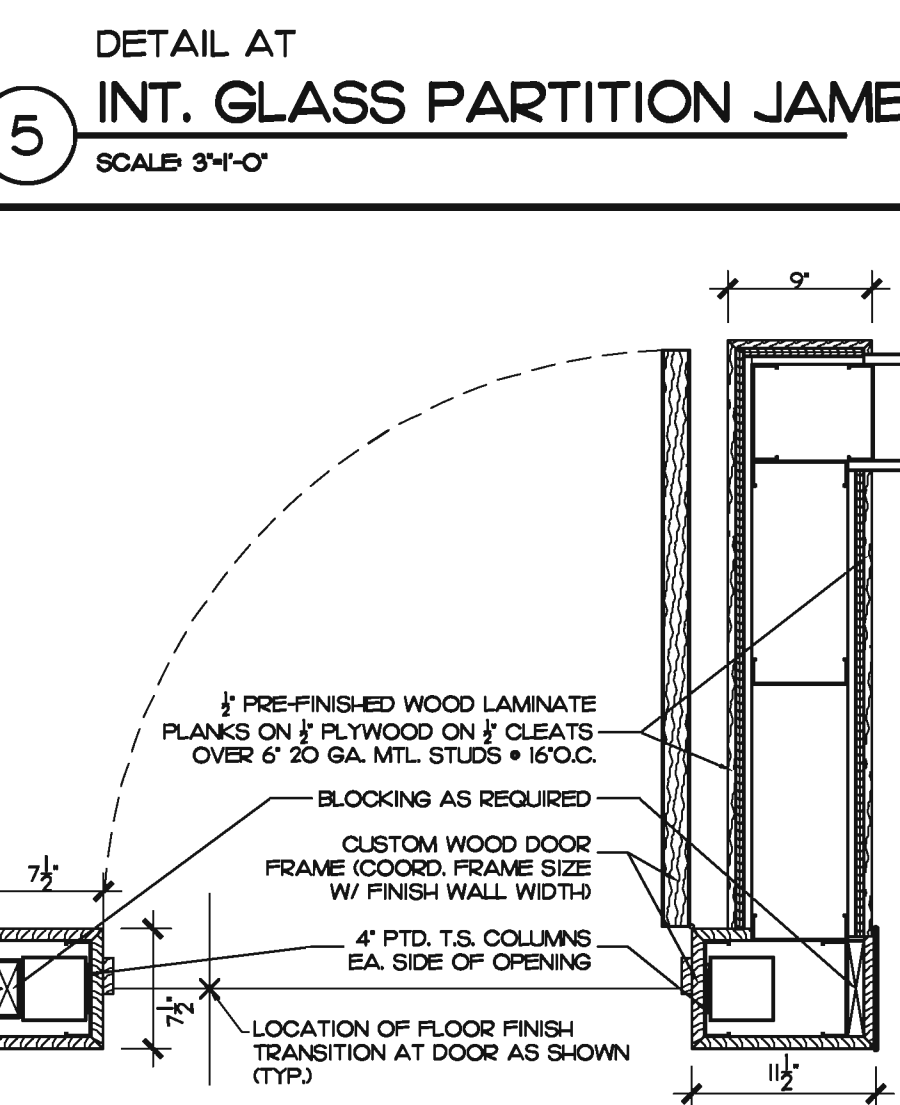
5 DETAIL AT INT. GLASS PARTITION JAMB
SCALE: 3'-4"-0"



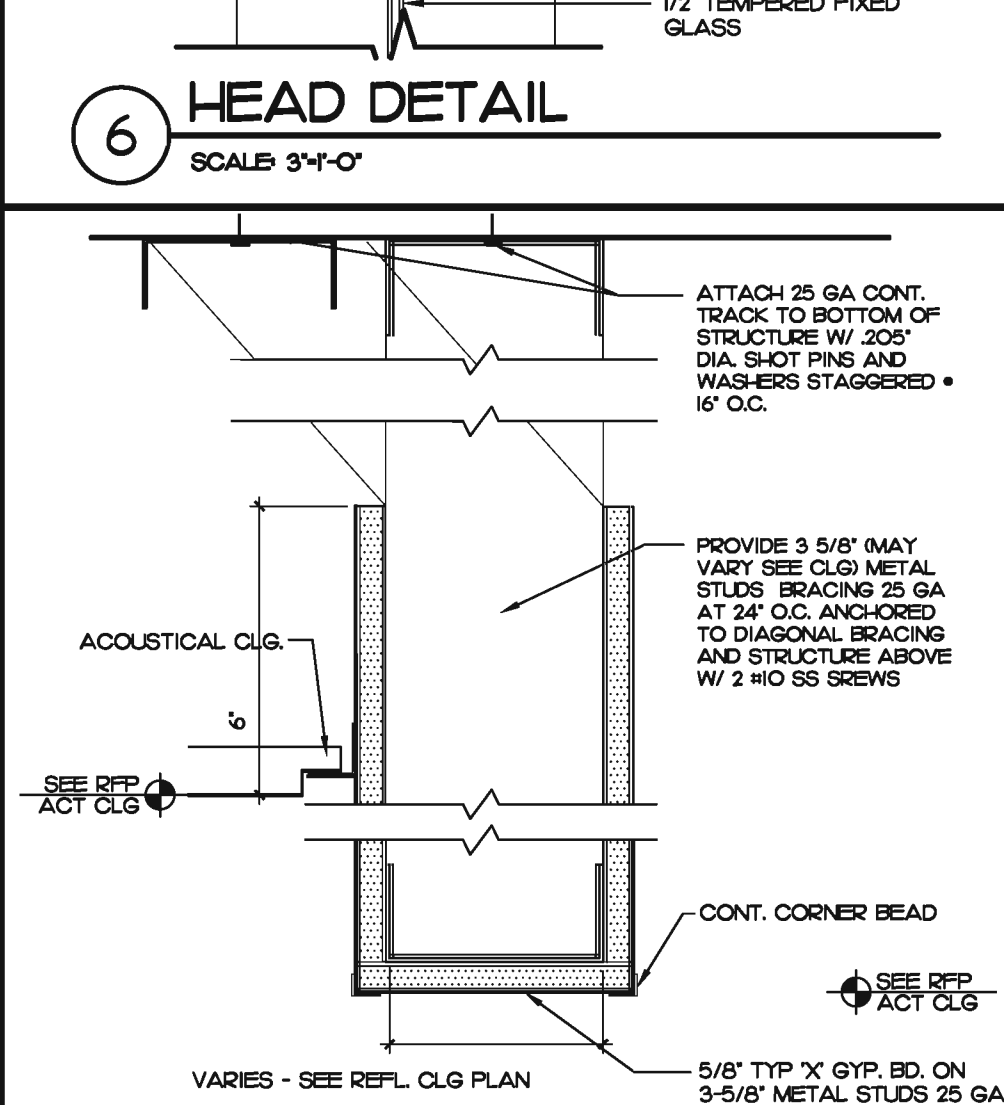
7 HEAD DETAIL
SCALE: 3'-4"-0"



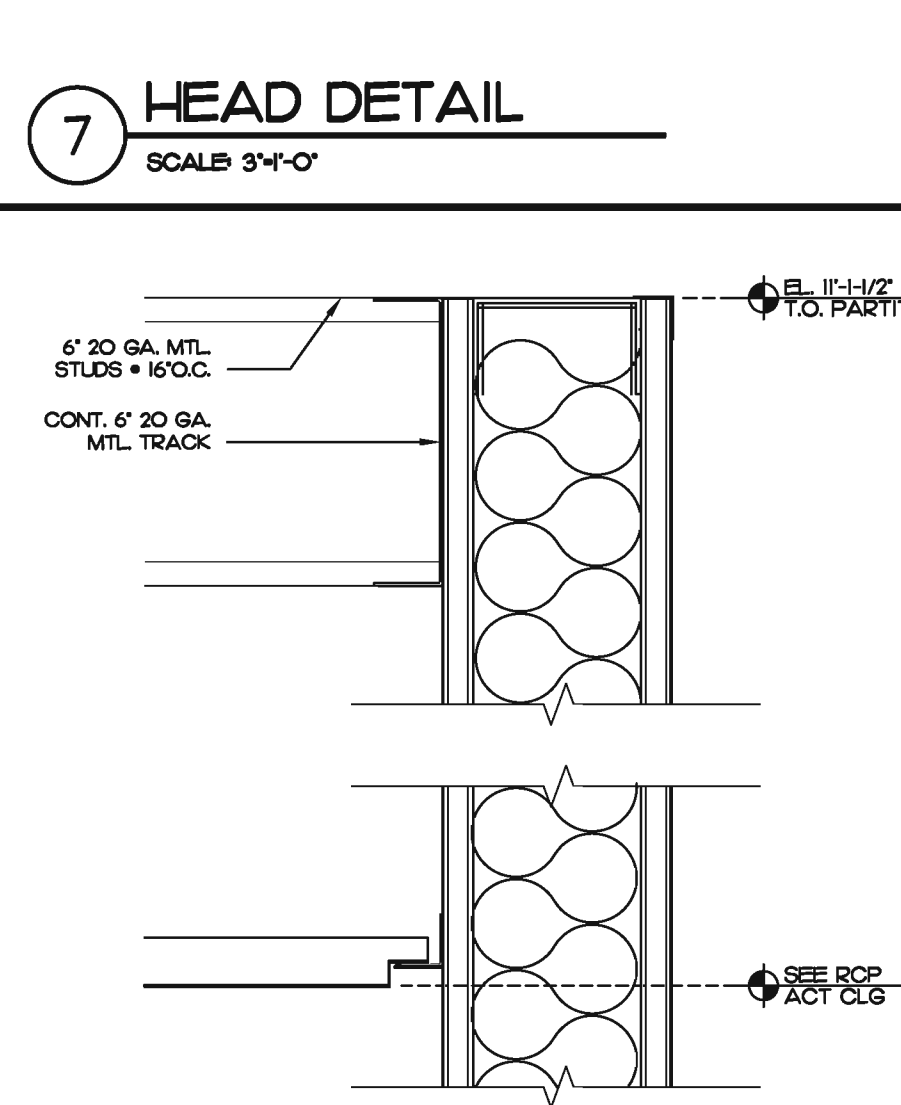
8 SECTION AT DOOR 108 HEAD DETAIL
SCALE: 3'-4"-0"



9 PLAN SECTION AT OFFICE 108 DOOR JAMB
SCALE: 1'-4"-0"



10 BULKHEAD DETAIL
SCALE: 3'-4"-0"



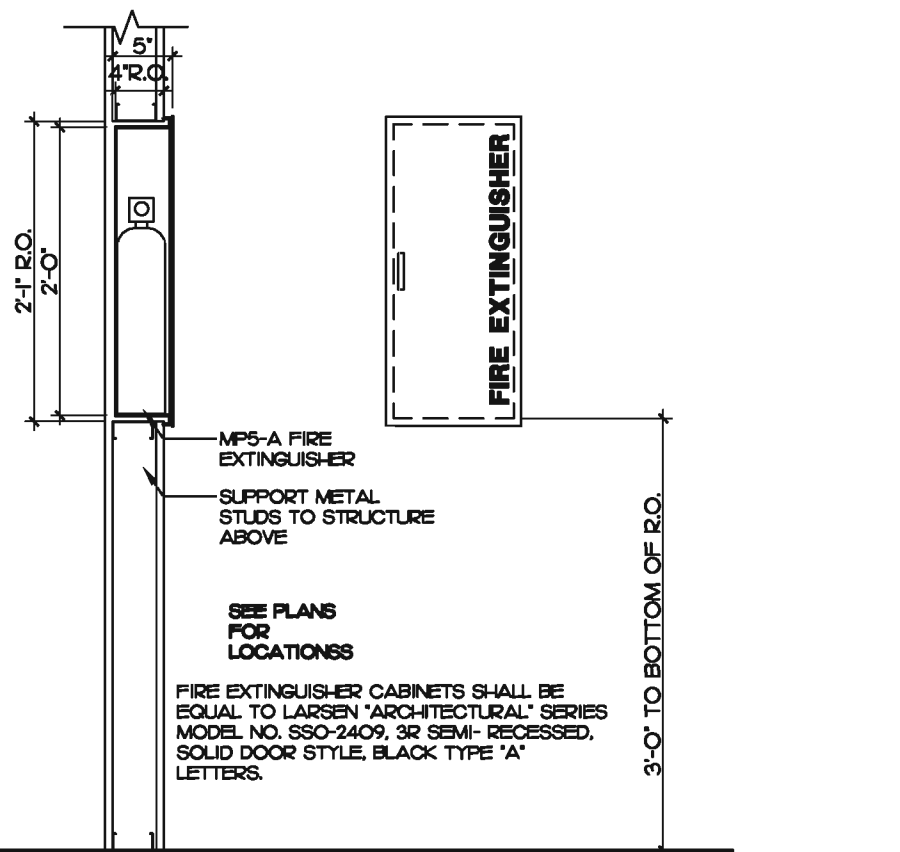
11 DETAIL AT OFFICE 102 CLG. FRAMING
SCALE: 3'-4"-0"

INTERIOR FRAMING LIMITING HEIGHTS

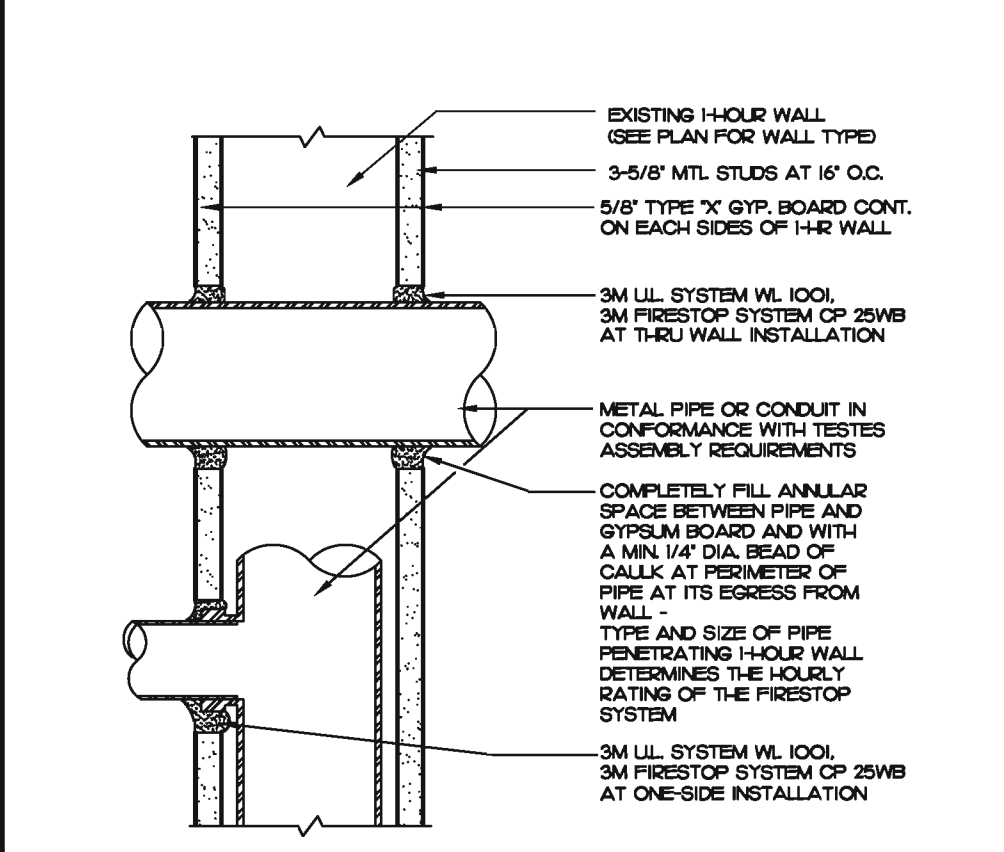
STUD DEPTH	STUD SPACING (IN)	DESIGN LIMIT (PSF)	ALLOWABLE DEFLECTION	20 GAUGE FT.IN.
1 1/2"	16	5	L/240	9'-8"
2"	16	5	L/240	12'-0"
3 1/2"	16	5	L/240	16'-5"
4"	16	5	L/240	18'-5"
6"	16	5	L/240	24'-5"

NOTES:
1. LIMITING HEIGHTS APPLY TO WALLS CONSTRUCTED WITH A MINIMUM 3/8" 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. GSP PRESENTS THIS INFORMATION ONLY AS REFERENCE, AND WILL NOT BE RESPONSIBLE FOR THE PERFORMANCE OF WALLS BASED ON THIS TABLE. CONSULT CLIENT INFORMATION FROM ASTM C754 AND SSMA AND THE STUD MANUFACTURERS FOR LIMITING HEIGHT CHARACTERISTICS OF THEIR PARTICULAR PRODUCT.
4. CONTRACTOR TO SUBMIT PRODUCT APPROVAL AND MANUFACTURER SPECIFICATIONS TO ARCHITECT.

13 WALL FRAMING DETAIL
SCALE: 1-1/2"-0"



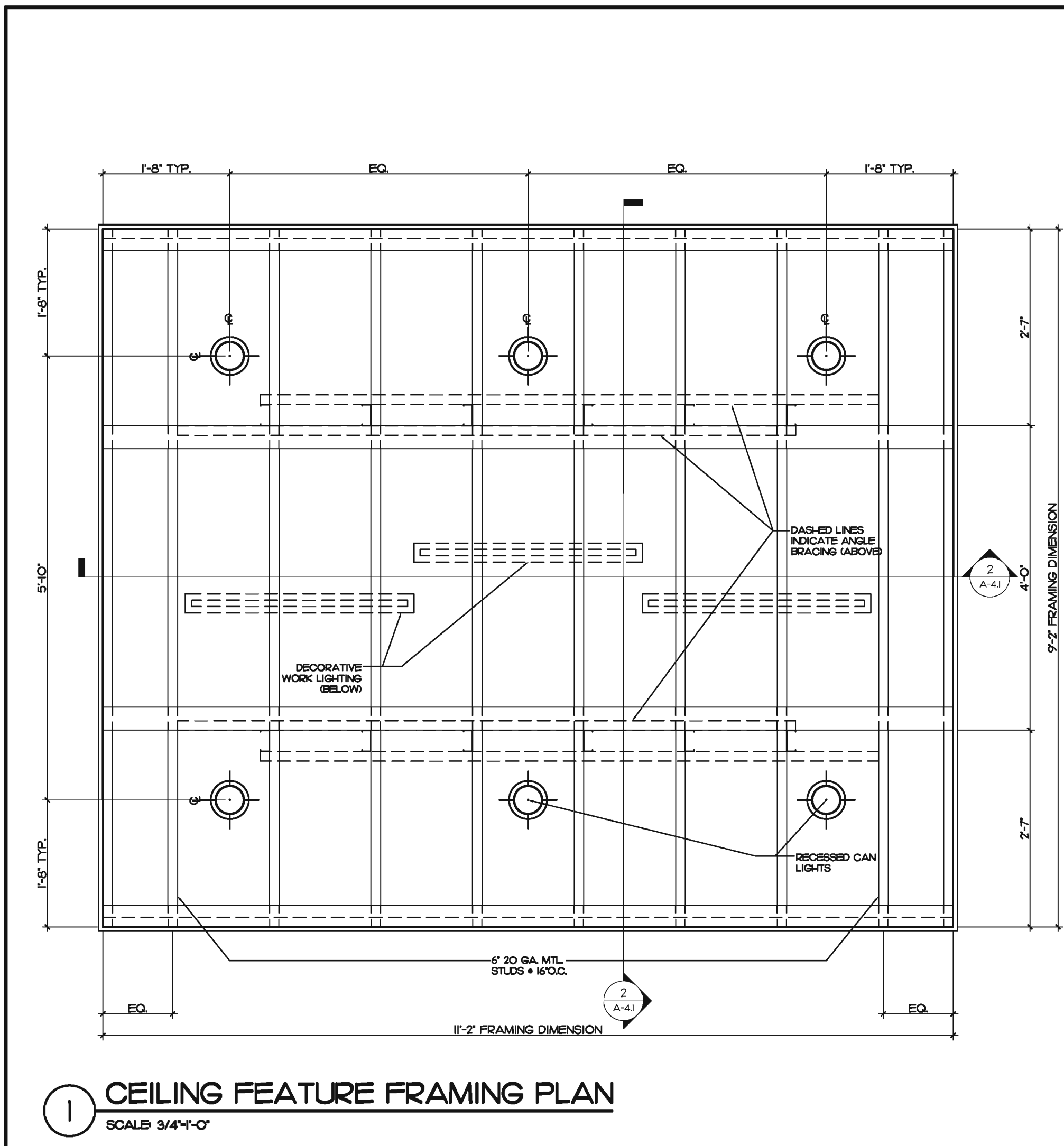
14 SECTION / ELEVATION FIRE EXTINGUISHER MOUNTING
SCALE: 3/4"-4"-0"



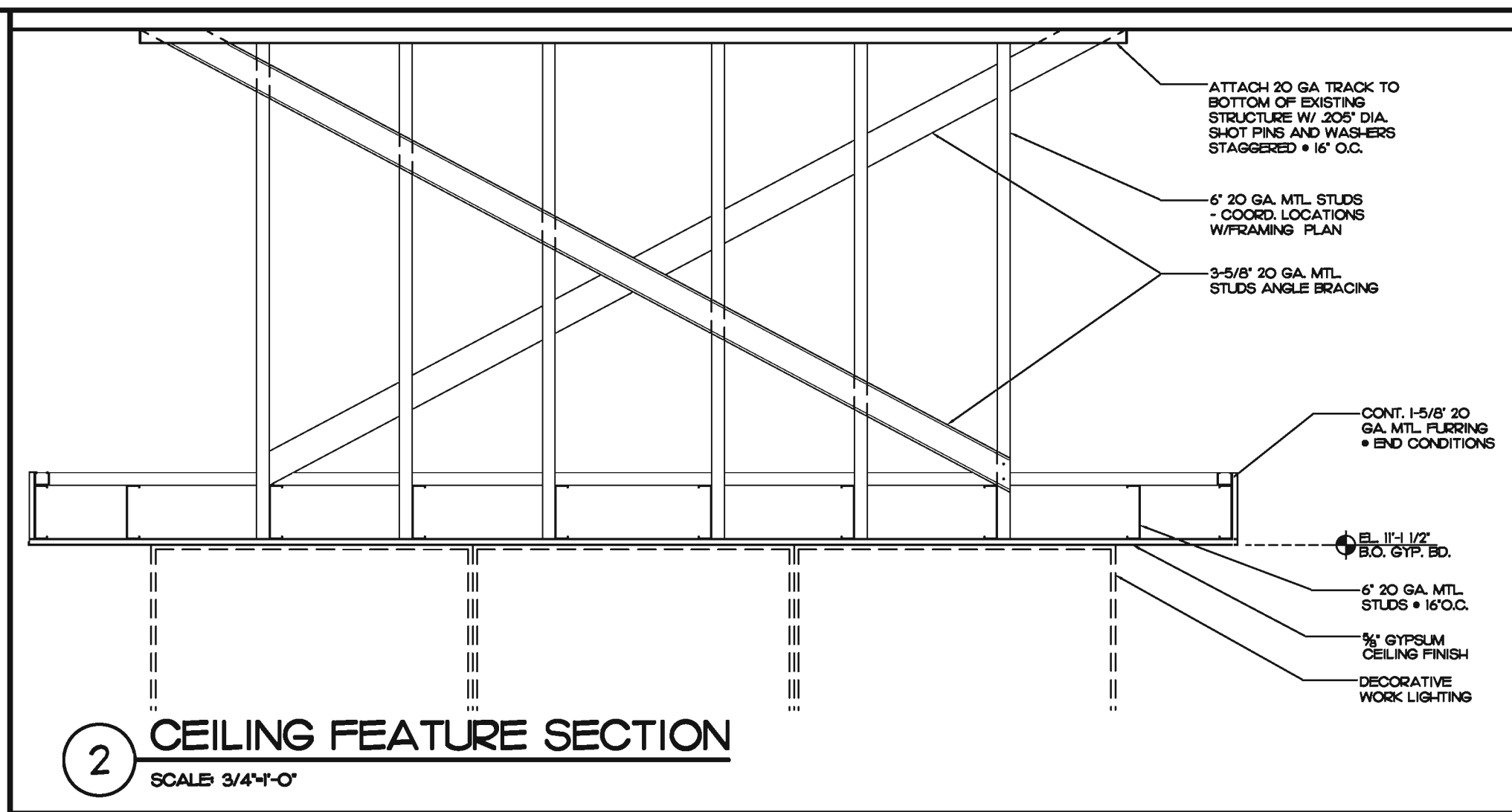
15 PLAN SECTION AT PENETRATION AT I-HR WALL
SCALE: 3'-4"-0"

DETAILS

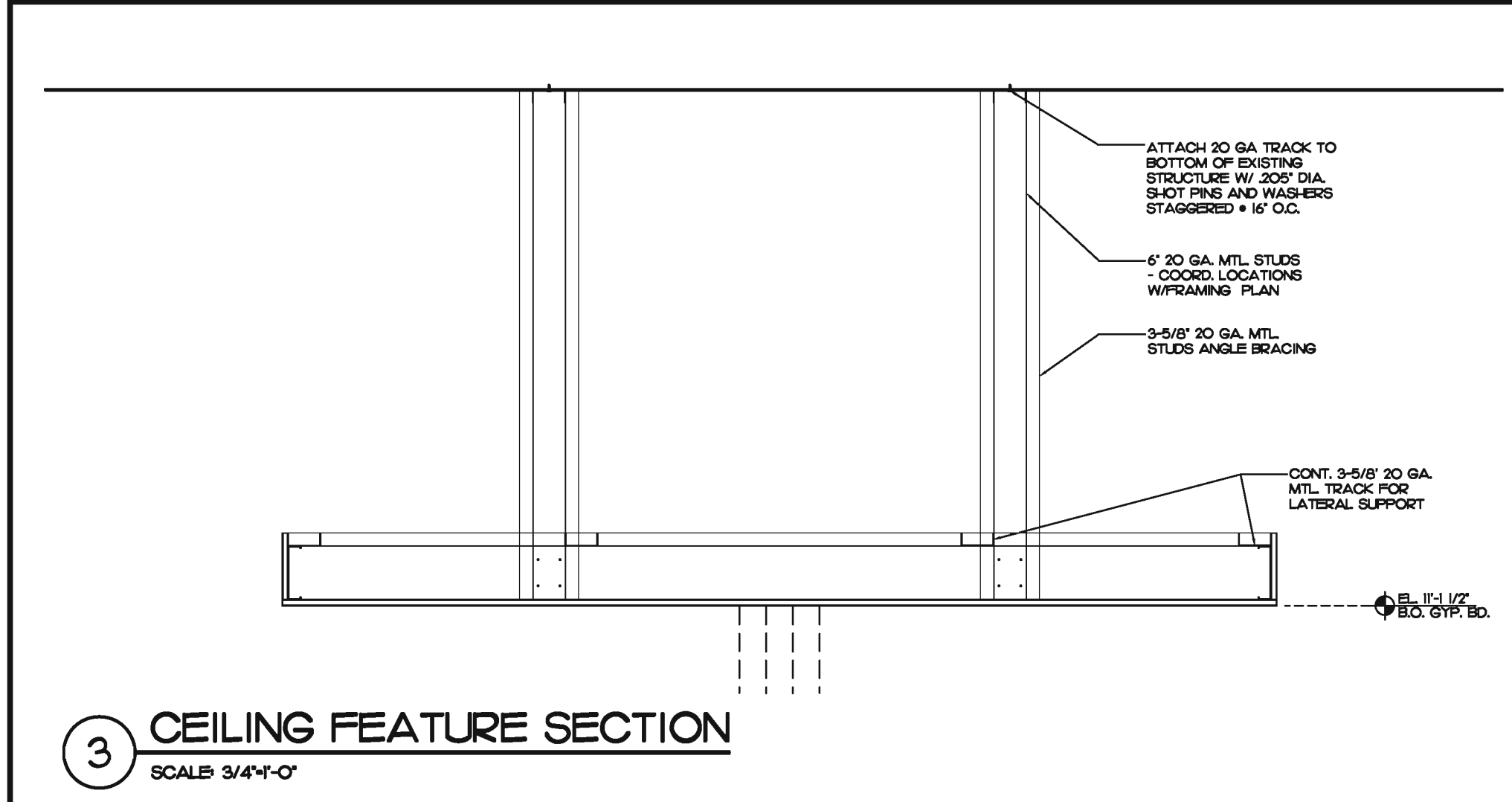
SCALE: AS NOTED



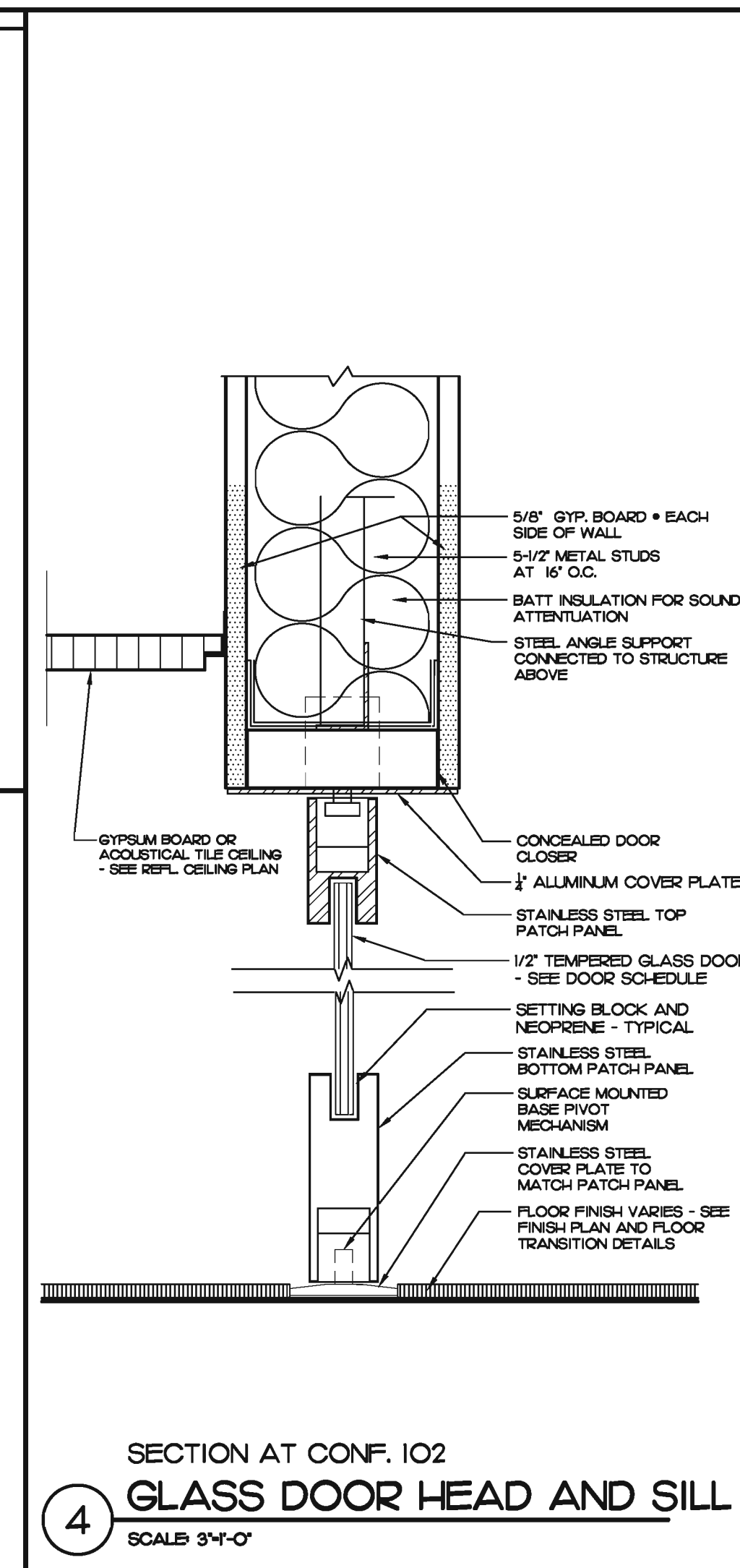
1 CEILING FEATURE FRAMING PLAN
SCALE: 3/4"=1'-0"



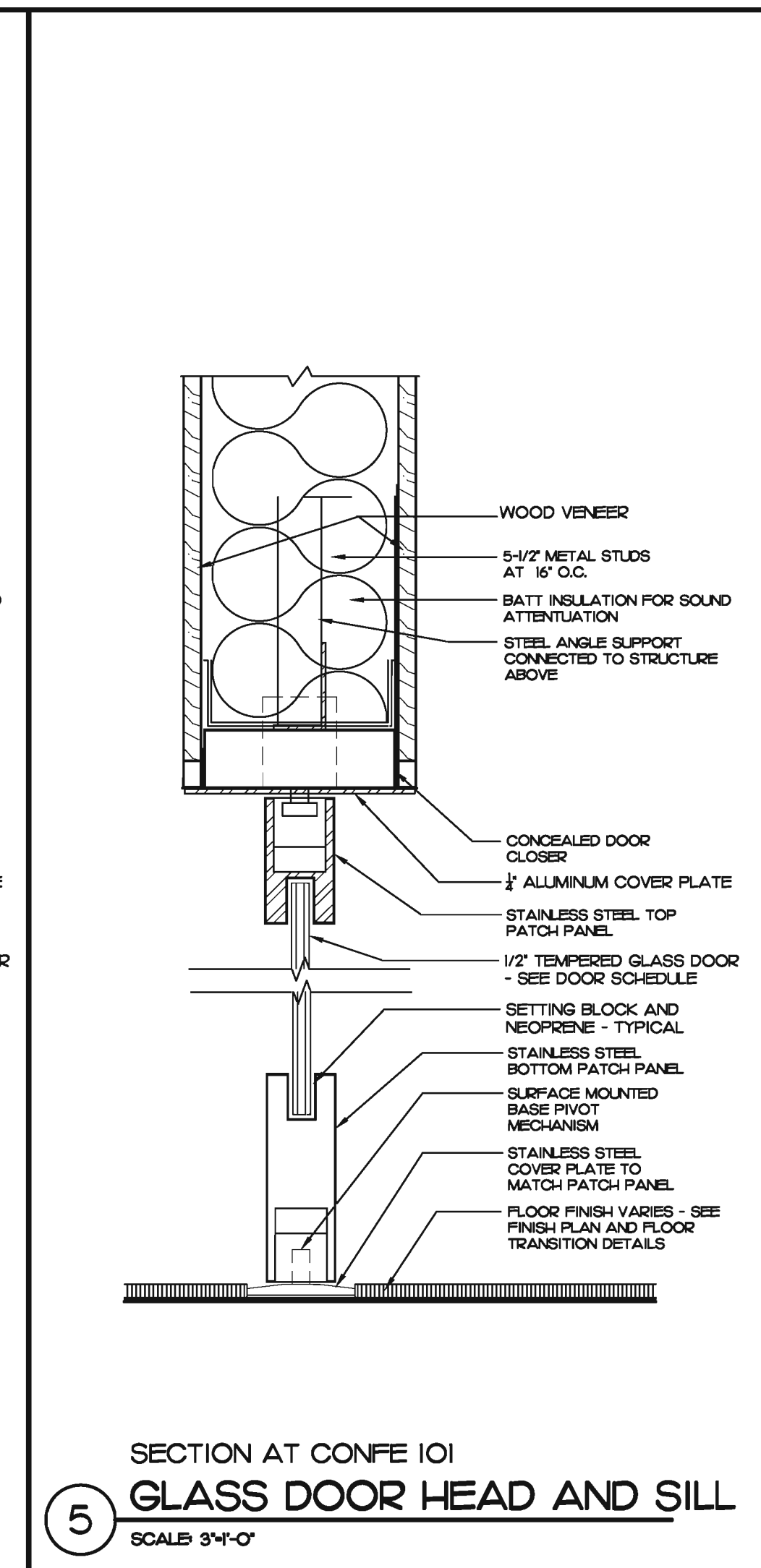
2 CEILING FEATURE SECTION
SCALE: 3/4"=1'-0"



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



4 SECTION AT CONF. 102
GLASS DOOR HEAD AND SILL
SCALE: 3/4"=1'-0"



5 SECTION AT CONF. 101
GLASS DOOR HEAD AND SILL
SCALE: 3/4"=1'-0"

GLIDDEN • SPINA & PARTNERS
ARCHITECTURE • INTERIOR DESIGN, INC.
PHONE: 561.684.5594 • FAX: 561.684.6844 • E-MAIL: info@gs&p-architects.com
1401 FORUM WAY, SUITE 100 • WEST PALM BEACH, FLORIDA 33401
FL License #A236001602
Benjamin John Glidden, III #AR6536
Keith M. Spina #AR13419

Tenant Improvements For:
North American Development Group
Suite 201
400 Clematis Street
West Palm Beach, Florida 33401

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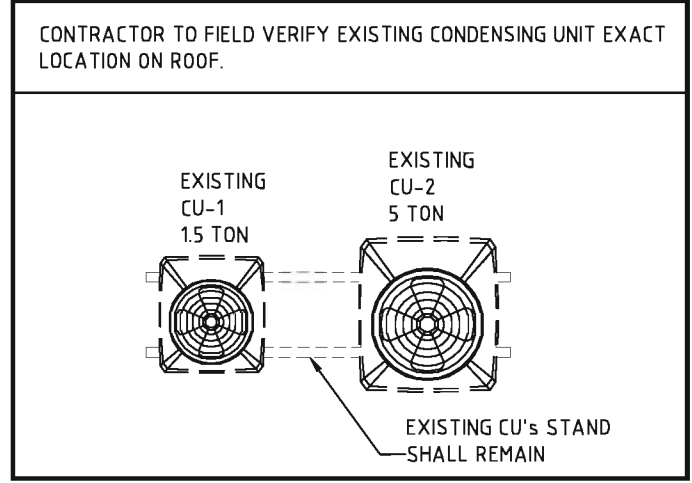
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project no: 10167	drawn by: PK/LA
date: 12/21/10	checked by: JG

A-4.1

DETAILS
SCALE: AS NOTED

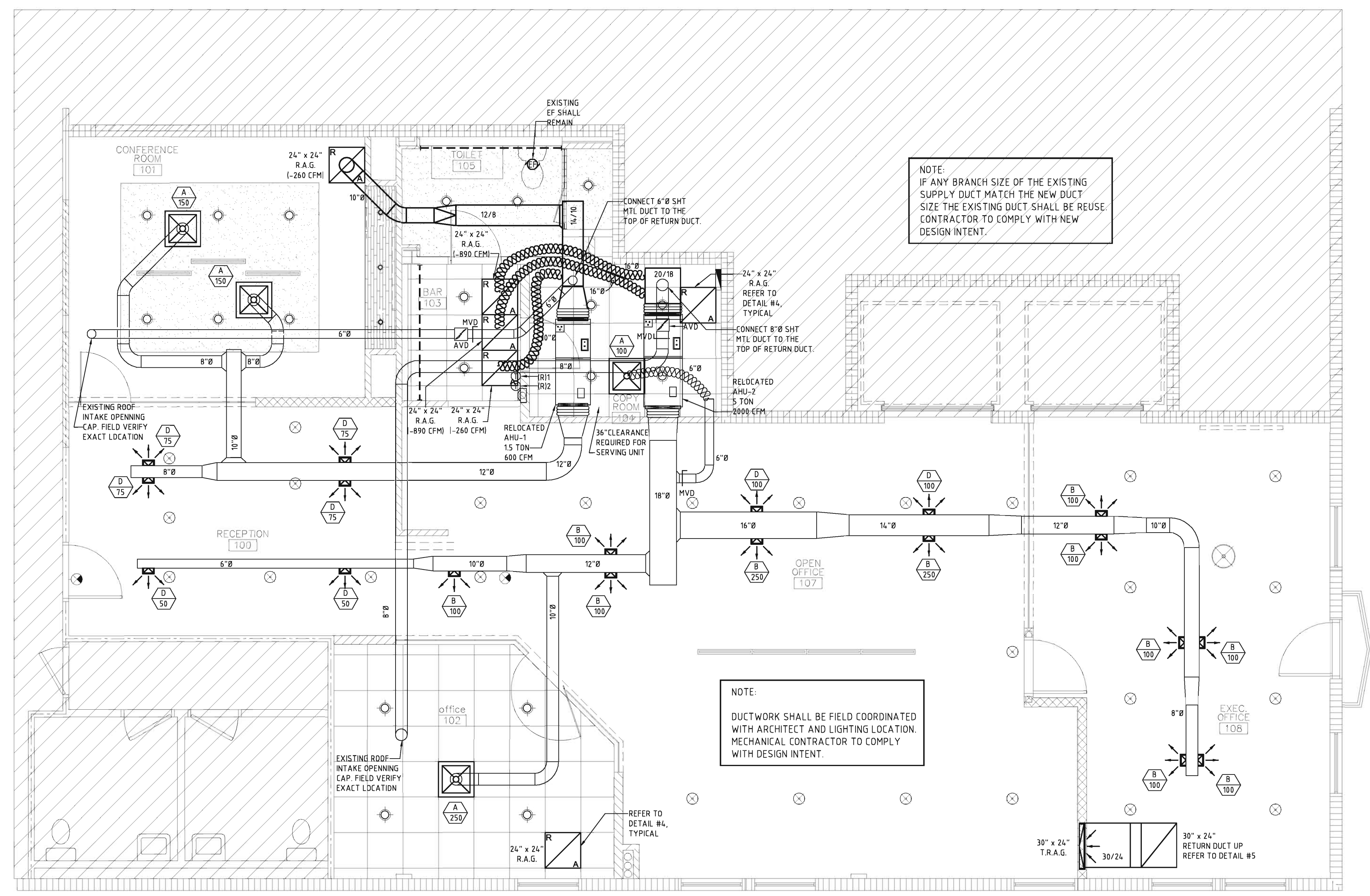
EXISTING AIR CONDITIONED BUILDING.
 NO CHANGE OF OCCUPANCY TYPE
 ENERGY CALCULATIONS NOT REQUIRED
 PER FLA. ENERGY CODE 13-1015.1

A/C LEGEND	
	4W - DIFFUSER
	2W - DIFFUSER
	TRANSITION
	MANUAL VOLUME DAMPER (M.V.D.)
	FIRE DAMPER (F.D.)
	THERMOSTAT
	TEMPERATURE & HUMIDITY CONTROL SENSOR
	LIQUID/SUCTION LINE
	DIFFUSER TYPE CFM
	AUTOMATED VOLUME DAMPER
	RETURN AIR GRILLE
	SIDEWALL DIFFUSER/GRILLE
	EXHAUST FAN
	REMOTE ALARM TEST STATION
	SMOKE DUCT DETECTOR
	CONDENSING UNIT
	AIR HANDLER UNIT
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
INI	NEW
(E)	EXISTING TO REMAIN
(D)	EXISTING TO BE DEMOLISHED
(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 D/A DUCT (UP & DOWN)
	NEW DUCT - WIDTH x DEPTH
	NEW FLEX DUCT - DIAMETER



ROOF PLAN
 SCALE: N.T.S.

- DEMOLITION NOTES:**
- 1) ALL EXISTING DUCTWORK AND DIFFUSERS SHALL BE REMOVED.
 - 2) ALL MATERIALS TO BE REMOVED AND DISCARDED ARE TO BE DISPOSED OF PER BUILDING OWNER'S AUTHORIZED REPRESENTATIVE'S DIRECTIVE.
 - 3) ALL MATERIALS ARE TO BE REMOVED AND DISCARDED SUCH THAT DAMAGE IS NOT INCURRED BY NEIGHBORING MATERIALS, DUCTWORK AND/OR DIFFUSERS.
 - 4) THERMOSTATS ARE EXISTING AND SHALL BE RELOCATED
 - 5) FOR ALL EXISTING ROOF PENETRATION PROVIDE NEW GALVANIZED METAL CAPS WHERE EXISTING EQUIPMENT HAS BEEN REMOVED EITHER PREVIOUSLY OR IN THIS CONTRACT.
 - 6) UPRIGHT ALL SPRINKLER HEADS.



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

- SCOPE OF WORK:**
- 1 AIR CONDITIONING SYSTEM IS EXISTING AND TO REMAIN WITH EXCEPTION OF PROVIDING NEW ITEMS SHOWN ON PLANS.
 - 2 PRIOR TO CONSTRUCTION MECHANICAL CONTRACTOR SHOULD VISIT SITE TO VERIFY SCOPE OF WORK.
 - 3 T-STAT TO BE LOCATED AS PER PLANS.
 - 4 THIS RENOVATION SHALL INCLUDE, BUT IS NOT LIMITED TO THIS SCOPE OF WORK. NOTIFY ARCHITECT/ENGINEER OF ANY CONDITIONS THAT WILL PREVENT COMPLETION OF THE WORK DESCRIBED.

Tenant Improvements For:
North American Development Group
 Suite 201
 400 Clematis Street
 West Palm Beach, Florida 33401

sheet title: 1ST FLOOR MECHANICAL PLAN
 file name: 10402_M1.01(2)DWG
 project no: 10167
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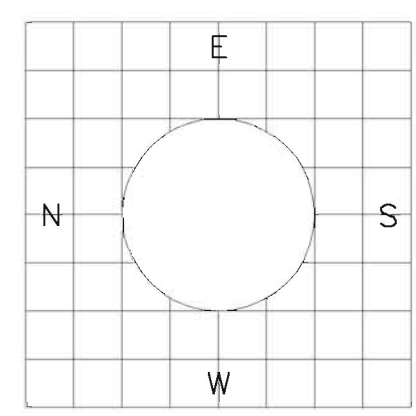
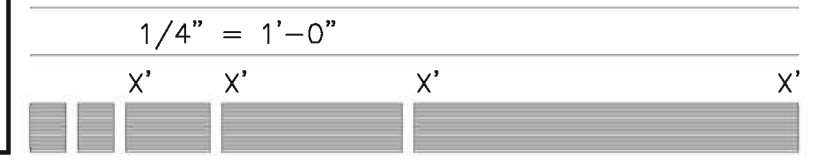
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PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME 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.

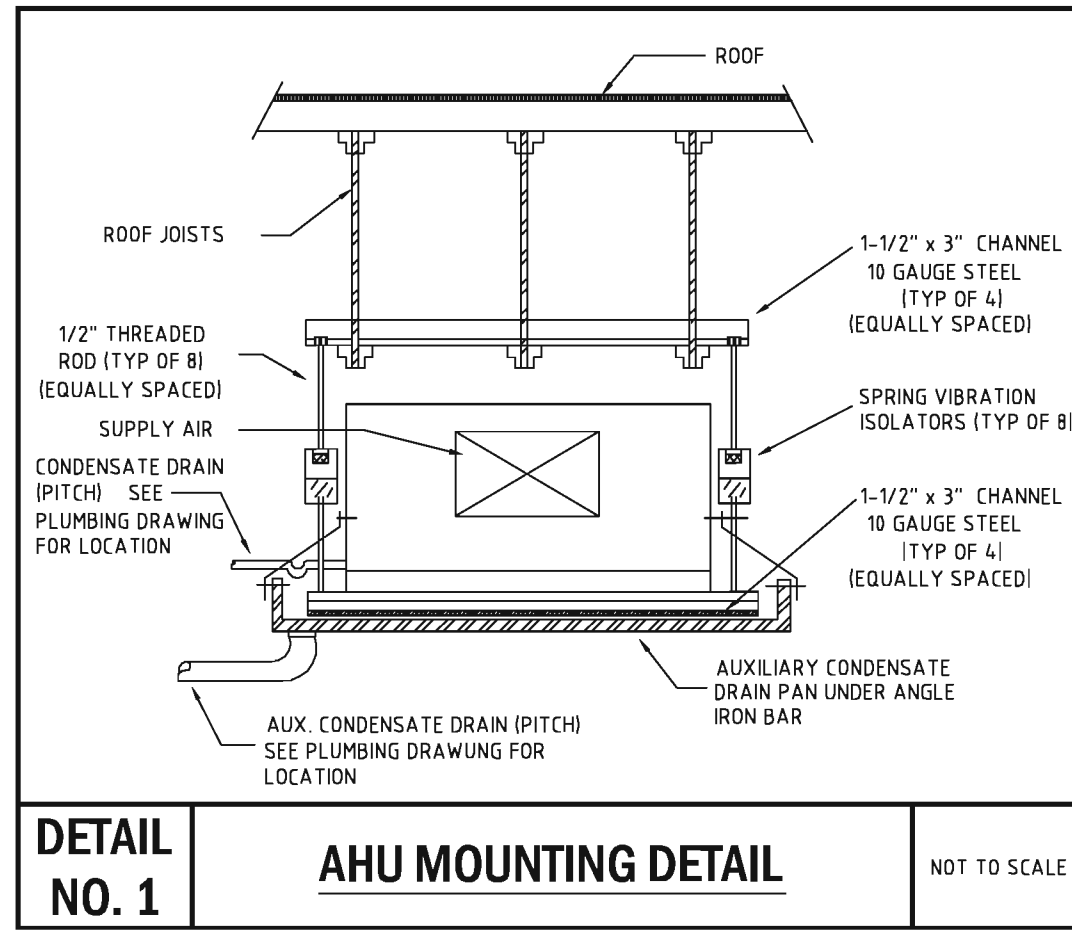
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1640 N.W. BOCA RATON BLVD.
 BOCA RATON, FL 33432
 TEL: (561) 391-9292 FAX: (561) 391-9898
 CERTIFICATE OF AUTHORIZATION NO. 28107
 HAROLD R. TUBBLES, P.E. LICENSE #19215
 MARTIN WHITLOCKE, P.E. LICENSE #53899
 E-MAIL: INFO@FAECONSULTING.COM

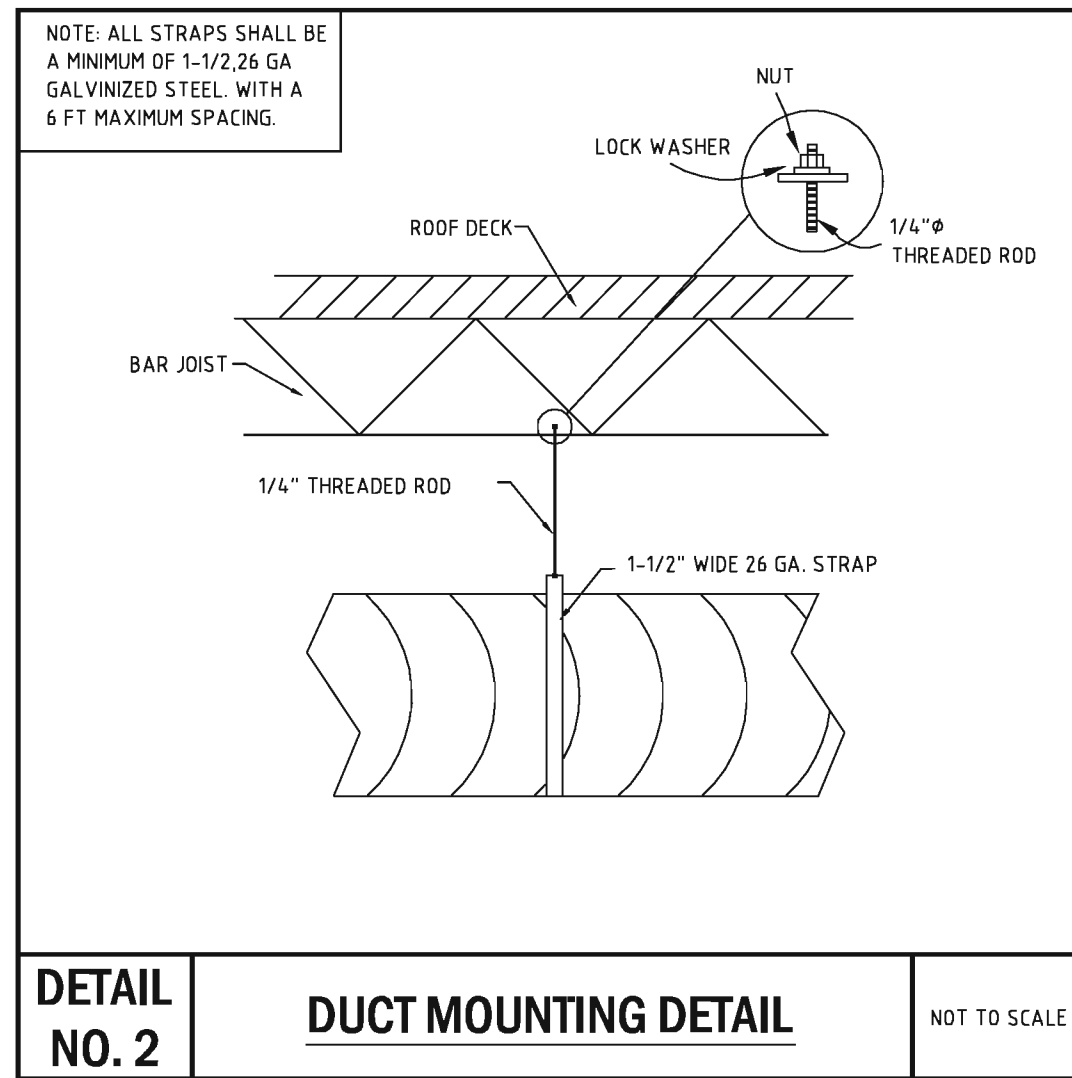
1ST FLOOR
 MECHANICAL PLAN



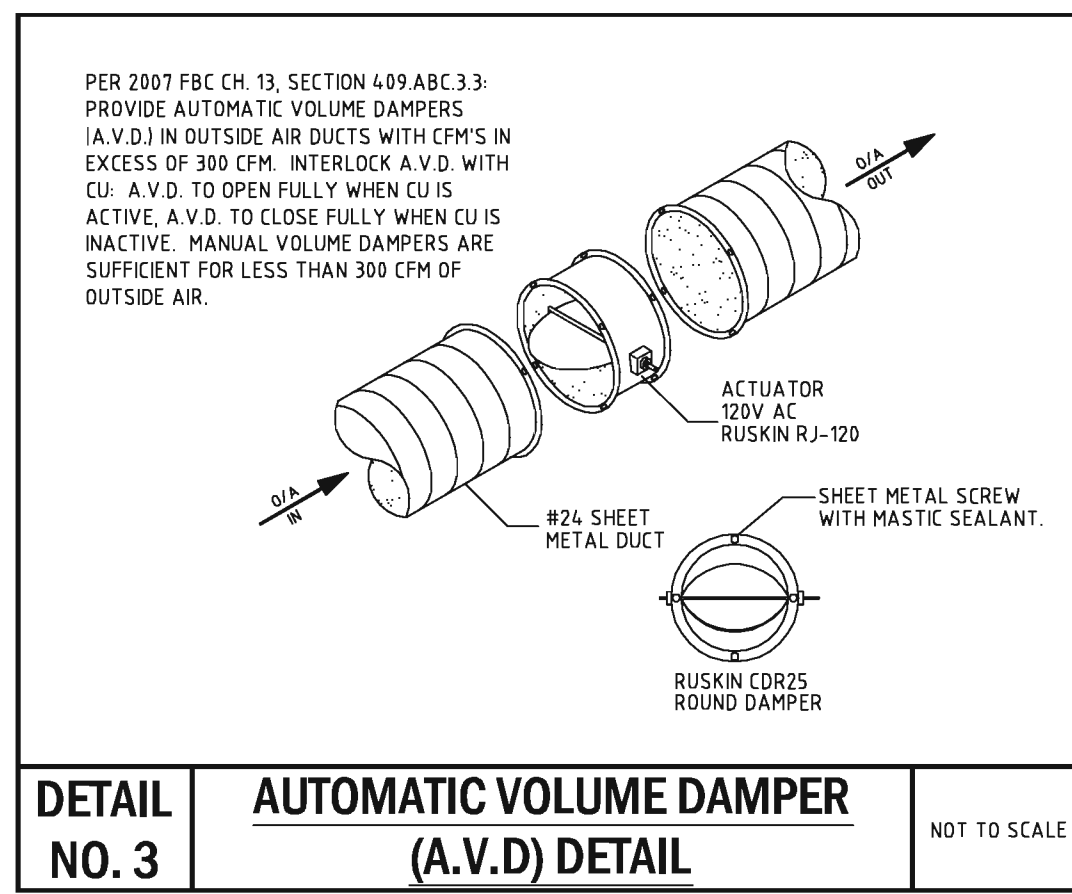
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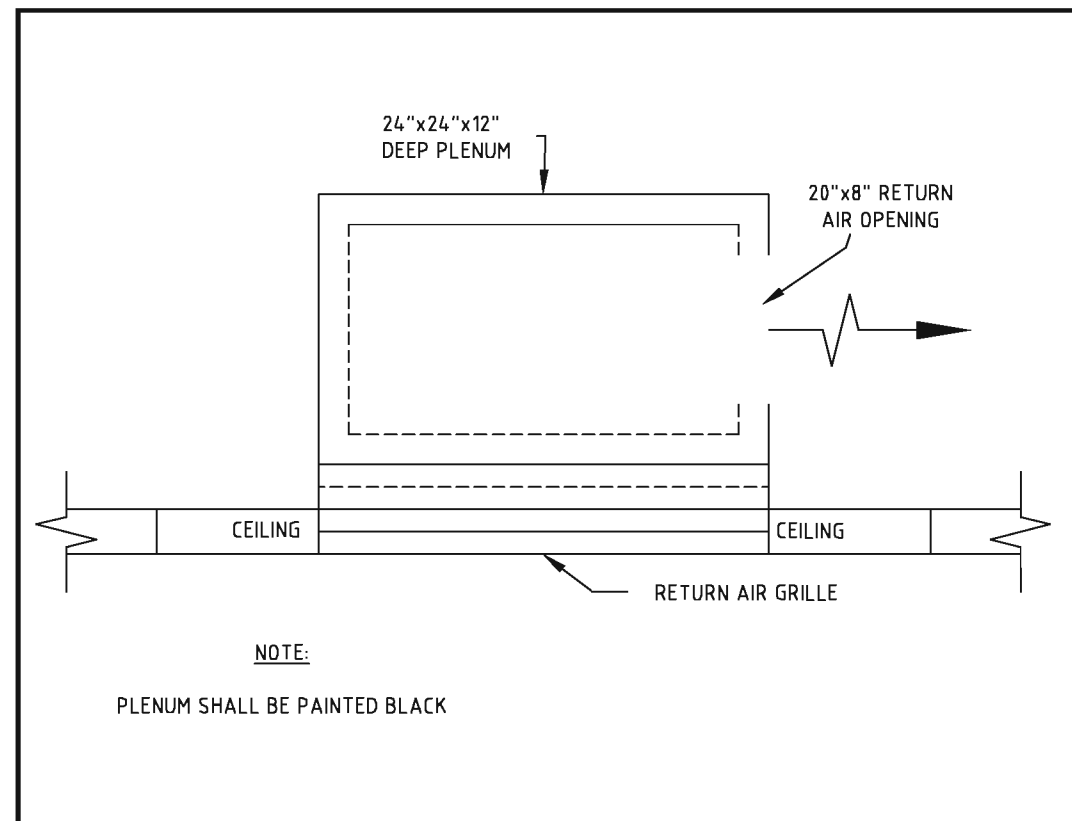
DETAIL NO. 1 AHU MOUNTING DETAIL NOT TO SCALE



DETAIL NO. 2 DUCT MOUNTING DETAIL NOT TO SCALE



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



DETAIL NO. 4 RETURN AIR PLENUM DETAIL NOT TO SCALE

AIR CONDITIONING DATA												
QTY.	UNIT NO.	MFG.	CONDENSING UNIT MODEL NO.	AIR HANDLER UNIT MODEL NO.	TOTAL	SENSIBLE	SEER	TOTAL	D/A	FAN E.S.P. - IN WATER	ELECTRIC HEAT	SUCTION & LIQUID LINES
1	AHU-1 CU-1	EXISTING TRANE	EXISTING	TWH08B1	EXISTING	EXISTING	14	600	80	0.40	EXISTING	EXISTING
1	AHU-2 CU-2	EXISTING TRANE	EXISTING	TWE60P1	EXISTING	EXISTING	14	2,000	220	0.40	EXISTING	EXISTING

A/C EQUIPMENT NOTES:
1) VERIFY ALL A/C ELECTRICAL CONNECTION.

ELECTRICAL DATA														
UNIT NO.	V/PHz	COMPRESSOR			O/FM			ELECTRIC HEAT			CONDENSING UNIT		AIR HANDLER UNIT	
		QTY	FLA	LRA	QTY	FLA	HP	FLA	HEAT	MIN. CAPACITY	MAX FUSE	MIN. CAPACITY	MAX FUSE	
AHU-1 CU-1	208/1/60	1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
AHU-2 CU-2	208/1/60	1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	

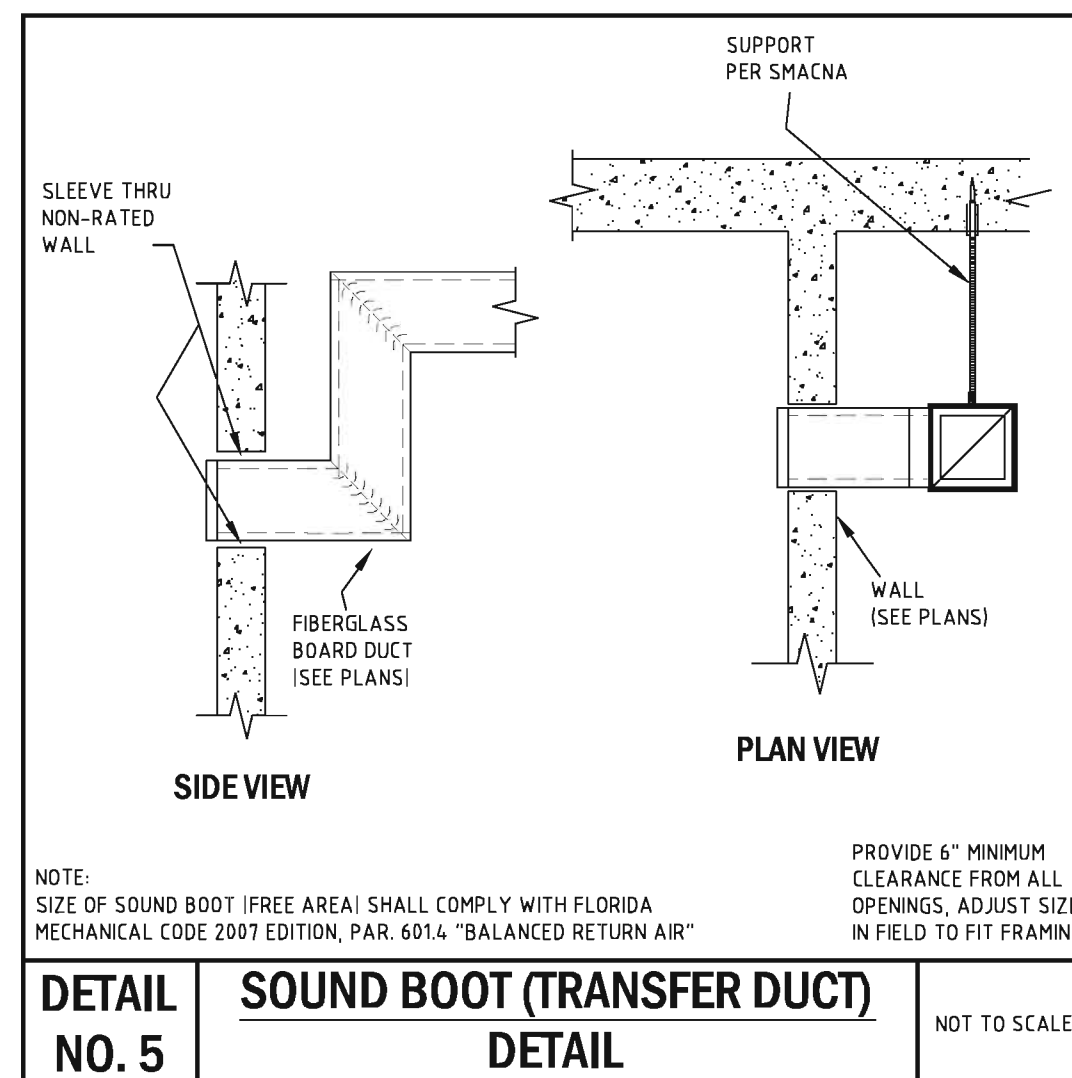
AIR TERMINAL SCHEDULE (TITUS)						
SERVICE	SYSTEM	LOCATION	ACCESSORIES	MANUFACTURE	MODEL	DESCRIPTION
A	SUPPLY	CEILING	O.B.D.	TITUS	MODEL NO: TMS-AA	12" x 12" 4-WAY - 8" Ø NECK
B	SUPPLY	SIDEWALL	O.B.D.	TITUS	MODEL NO: 300FL	8" x 8" 22-1/2" DEFLECTION
C	SUPPLY	SIDEWALL	O.B.D.	TITUS	MODEL NO: 300FL	8" x 6" 22-1/2" DEFLECTION
D	SUPPLY	SIDEWALL	O.B.D.	TITUS	MODEL NO: 300FL	8" x 6" 22-1/2" DEFLECTION
RA	RETURN	CEILING	O.B.D.	TITUS	MODEL NO: 350FL	SEE PLANS FOR SIZE

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

OUTSIDE AIR CALCULATIONS (ASHRAE 62.1 2004 TABLE 6-1)									
MARK	AREA SERVED	NET OCCUPIABLE AREA	TOTAL NUMBER OF PEOPLE	VENTILATION RATE/PERSON	VENTILATION RATE CFM/SQF	EXHAUST RATE REQUIRED	EXHAUST RATE PROVIDED	OA RATE REQUIRED	OA RATE PROVIDED
AHU-1, 2	OFFICES	2066	15	5.00	0.06	50	50	199.0	300
		2066				50	50	199.0	300.0

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.

TOTAL EXHAUST RATE REQUIRED	50
TOTAL EXHAUST RATE PROVIDED	50
TOTAL OUTSIDE AIR RATE REQUIRED	199.0
TOTAL OUTSIDE AIR RATE PROVIDED	300
TOTAL AIR SUPPLIED	2,600
% OUTSIDE AIR TO SUPPLY AIR	11.5
BUILDING PRESSURIZATION (with all exhaust systems on)	0.10



DETAIL NO. 5 SOUND BOOT (TRANSFER DUCT) DETAIL NOT TO SCALE

AIR CONDITIONING SPECIFICATION

A. GENERAL

- AIR CONDITIONING CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BID AND VERIFY ALL CONDITIONS, LOCATIONS, DIMENSIONS, MATERIALS, ELEVATIONS AND CONDITIONS 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 SHALL PROVIDE PROVISIONS 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 FOR 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, BENDS, AND TRANSITIONS AS REQUIRED TO PROVIDE A COMPLETE AND FULLY OPERATIVE SYSTEM. ALL DUCT SIZES ARE CLEAR INSIDE 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 16 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 PROVIDE 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.
- THE AIR CONDITIONING CONTRACTOR SHALL RUN ALL CONDENSATE DRAINS PER PLUMBING SPECIFICATIONS. (SEE PLUMBING SCHEDULES)
- INTERIOR CONDENSATE DRAIN PIPING AND REFRIGERANT SLEEVES LINES SHALL BE INSULATED WITH 5/8" THICK INDOOR 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, VOLUME 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, SMACNA, AND LOCAL CODES. ALL OUTSIDE AIR DUCTS SHALL HAVE "I" 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, METAL AIRE OR NAILOR-HART OR EQUAL AS SCHEDULED. ALL VOLUME DAMPERS SHALL BE OPPOSED BLADE TYPE WITH SCREWDRIVER ADJUSTMENT.
- ALL SUPPLY AND RETURN FIBERGLASS AIR DUCTWORK SHALL BE JOHNS MANVILLE FIBERGLASS (15" THICK). TYPE 475 OR 800 OR SHEET METAL WITH MINIMUM R-5 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, SMACNA, AND LOCAL CODES. FLEXIBLE DUCTS SHALL BE UL-98 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 603.5.11
- 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 "I" 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, 410.1ABD-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 TEMPERATURE FROM SUPPLY GRILLES AND EXHAUSTORS. 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 PLAN.
- THE AIR CONDITIONING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP TO BE FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN 10 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 HIS 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 CONDUIT AND WIRING AS REQUIRED. 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 WISH 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 SUCH 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 & GENERAL CONTRACTOR.

PERMIT SET: 12/21/10

FAE CONSULTING

1640 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33432
TEL: (561) 391-9292 FAX: (561) 391-9898
CERTIFICATE OF AUTHORIZATION NO. 28107
HAROLD R. TUBBLEN, P.E. LICENSE # 9115
MARTIN WHITLOCKE, P.E. LICENSE # 53899
E-MAIL: INFO@FAECONSULTING.COM

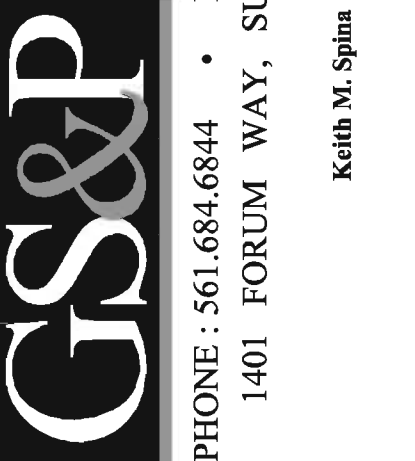
SPECS, DETAILS AND DATA

N.T.S.

X' X' X' X'

GLIDDEN • SPINA & PARTNERS
ARCHITECTURE • INTERIOR DESIGN, INC.

PHONE: 561.684.6844 • FAX: 561.684.5594 • E-MAIL: info@gsp-architects.com
1401 FORUM WAY, SUITE 100 • WEST PALM BEACH, FLORIDA 33401
FL License: #A326001602
Benjamin John Glidden, III #AR13419
Keith M. Spina #AR13419



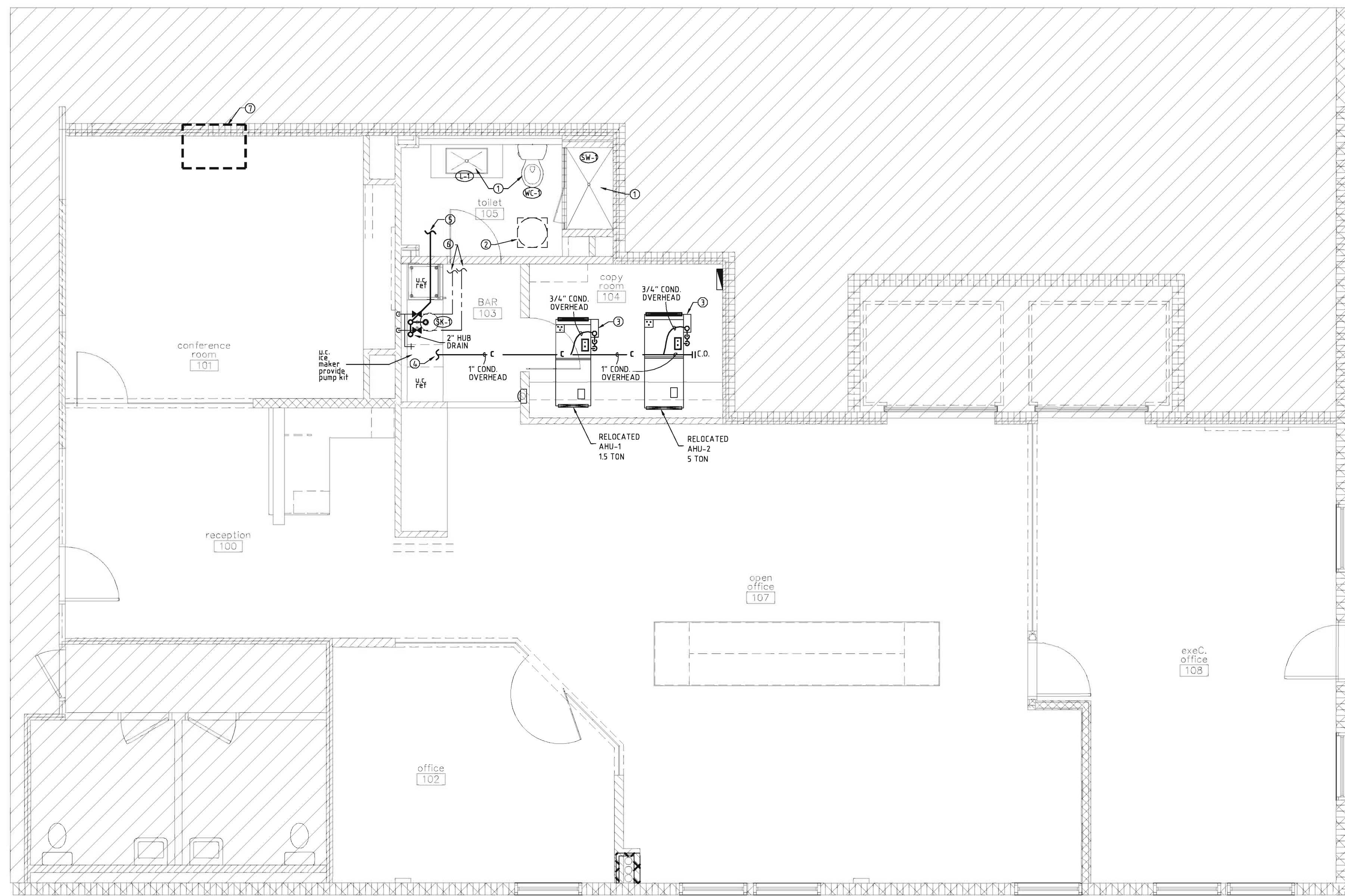
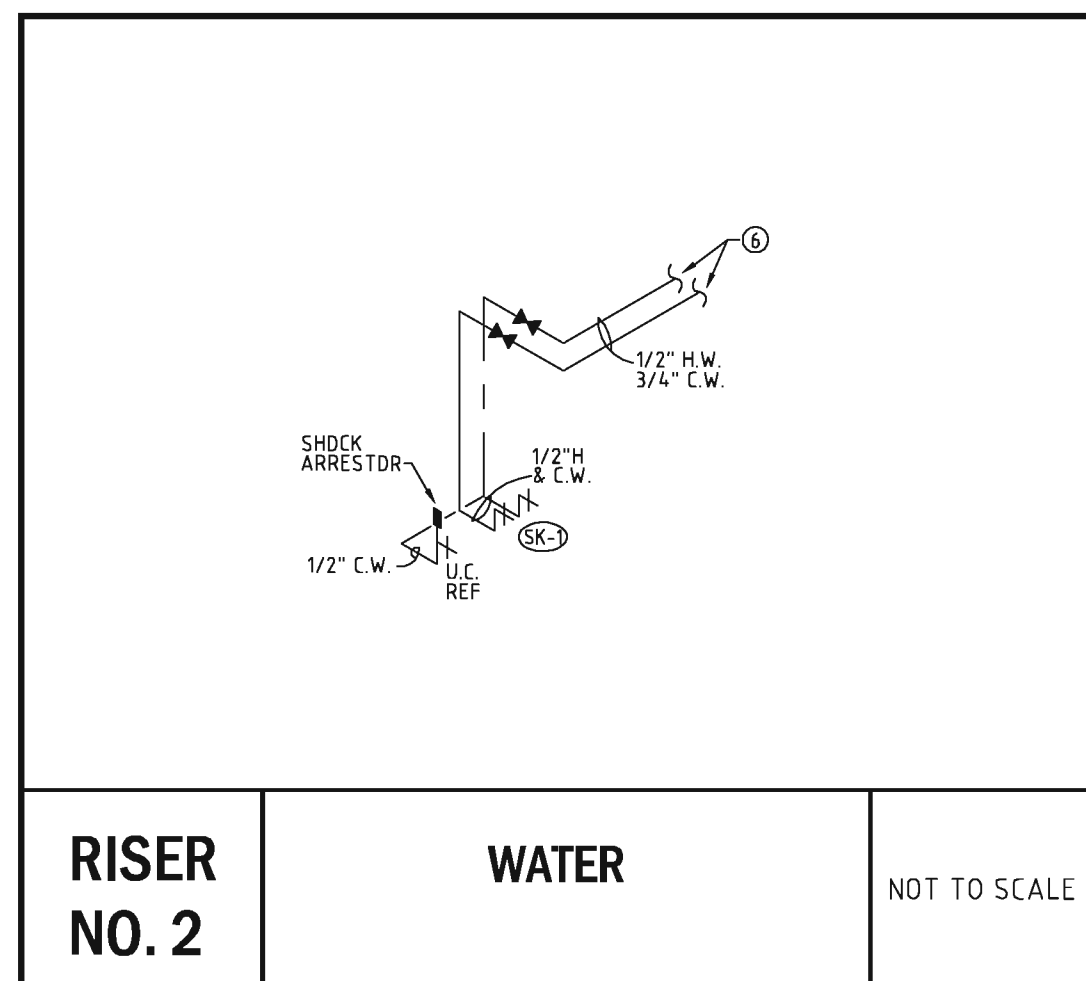
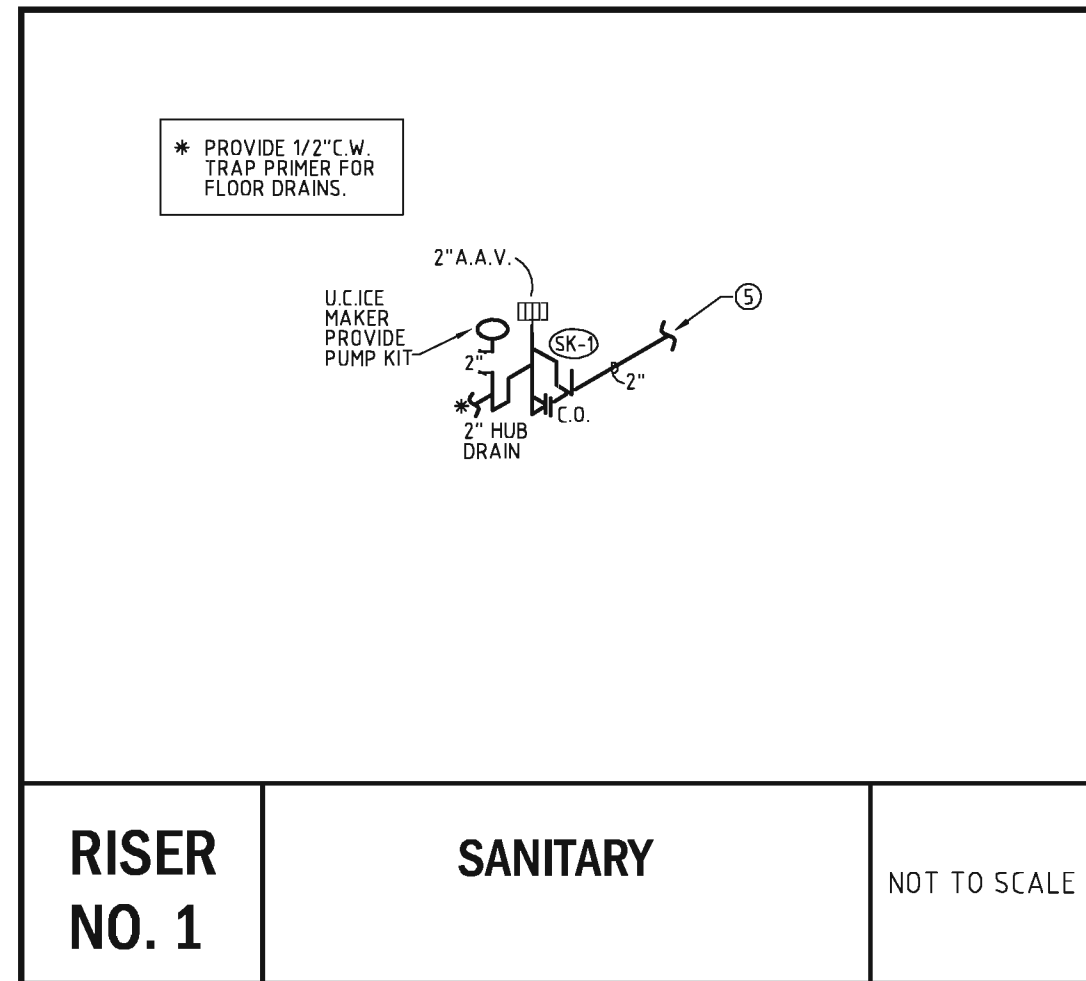
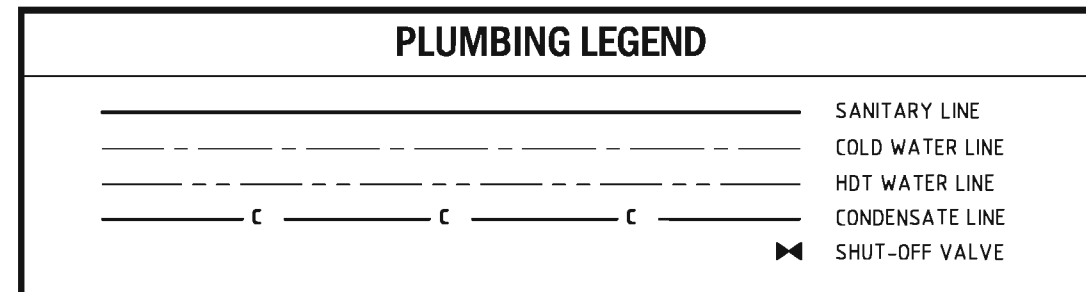
Tenant Improvements For:
North American Development Group
Suite 201
400 Clematis Street
West Palm Beach, Florida 33401

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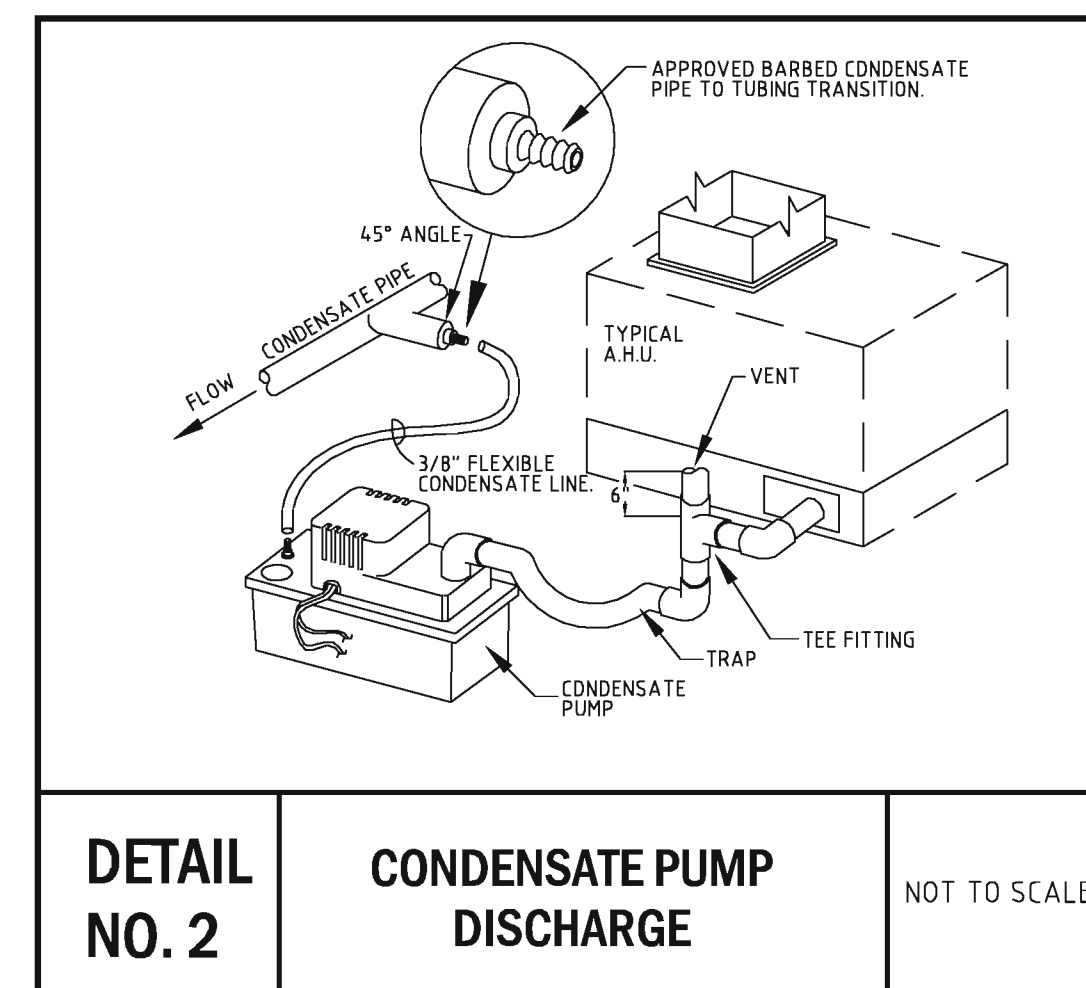
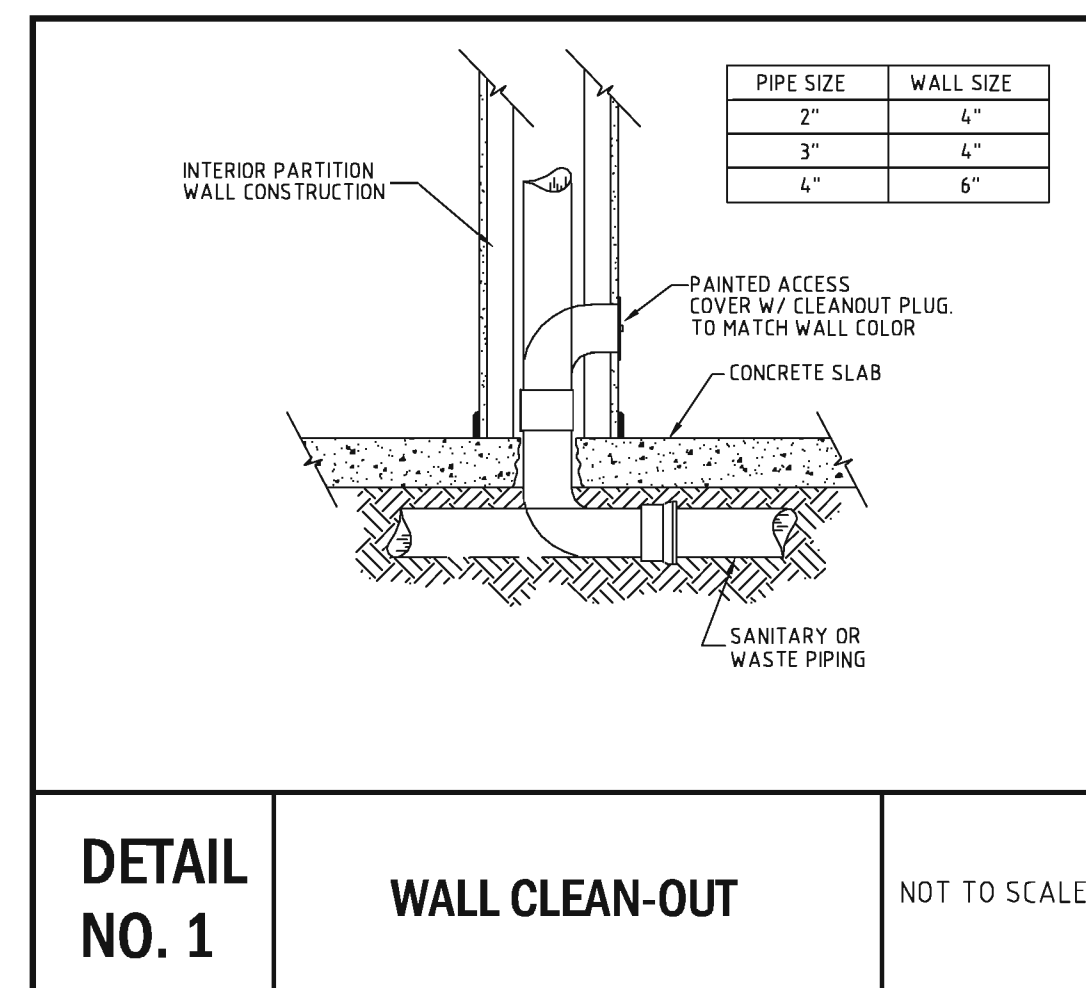
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PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME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



(WC)	WATER CLOSET	KOHLER "SAILE" 15" H. FLOOR MOUNTED MODEL # K-3564, COLOR WHITE, 14 GPF SEAT INCLUDED MODEL # K-4748.
(L)	LAVATORY	KOHLER "ANTILIA WADING POOL" MODEL # K-2269 KOHLER "OBLO" FAUCET WALL MOUNT MODEL # K-10087.
(SK)	BAR SINK	ELKAY "MYSTIC LUSTERTONE" MODEL #ELM1202FB STAINLESS STEEL BOWL DIAMETER 12" BOWL DEPTH 6" KOHLER FAUCET MODEL #K-6227-E11 ARTICULATING FAUCET WITH SILVER TUBE FINISH.
(SW)	SHOWER SET	KOHLER "OBLO" SHOWER SET MODEL # K-10065-9 WITH RITE-TEMP VALVE.
NOTES:		
1. MOUNTING HEIGHT PER ADA STANDARD. INSULATE WATER AND DRAIN LINE.		
2. PROVIDE CUT SHEETS FOR REVIEW PRIOR TO PURCHASE.		
3. PLUMBING FIXTURES TO COMPLY WITH TABLE 604.4 F.B.C.		
4. ALL WALL HUNG PLUMBING FIXTURES SHALL COMPLY WITH F.B.C. 2517.5.11, 2517.5.12 AND 2517.5.13		
5. ALL EXPOSED PIPING AND SURFACES UNDER LAVATORIES SHALL COMPLY WITH FBC 404.4.6.		
PLUMBING FIXTURES		

KEY NOTES:	
①	ALL PLUMBING FIXTURE ARE TO BE REPLACED WITH NEW IN SAME LOCATION. CONNECT NEW FIXTURES TO EXISTING DRAIN AND SUPPLY LINES IN WALL, ABOVE CEILING AND/OR IN SLAB. VERIFY EXACT LOCATIONS, SIZES, INVERT, DIRECTION OF FLOW & CONNECTION POINTS IN FIELD PRIOR TO CONSTRUCTION. NOTE: NEW CLEAN-OUT COVERS ARE TO BE PROVIDED AT THE BASE OF EACH EXISTING SANITARY AND VENT STACK.
②	EXISTING WATER HEATER ABOVE CEILING TO REMAIN AS IS. VERIFY EXACT LOCATION IN FIELD PRIOR TO CONSTRUCTION.
③	EXISTING CONDENSATE PUMP TO BE RELOCATED WITH EXISTING AIR HANDLER UNIT. CONNECT TO EXISTING A.H.U. DRAIN LINE ABOVE CEILING. VERIFY EXACT LOCATION, SIZE, INVERT, DIRECTION OF FLOW & CONNECTION POINT IN FIELD PRIOR TO CONSTRUCTION.
④	CONNECT NEW 1" CONDENSATE LINE TO EXISTING CONDENSATE LINE ABOVE CEILING. VERIFY EXACT LOCATION, SIZE, INVERT, DIRECTION OF FLOW & CONNECTION POINT IN FIELD PRIOR TO CONSTRUCTION.
⑤	CONNECT NEW 2" SANITARY LINE TO THE EXISTING SANITARY LINE BELOW SLAB. PLUMBING CONTRACTOR TO VERIFY EXACT LOCATION, SIZE, INVERT, DIRECTION OF FLOW & CONNECTION POINT IN FIELD PRIOR TO CONSTRUCTION. SINK TO BE CONNECTED UPSTREAM OF BATHROOM GROUP.
⑥	CONNECT NEW HOT & COLD WATER LINES TO EXISTING HOT & COLD WATER LINES OVERHEAD. PLUMBING CONTRACTOR TO VERIFY EXACT LOCATION, SIZE & CONNECTION POINT IN FIELD PRIOR TO CONSTRUCTION.
⑦	EXISTING PLUMBING FIXTURE IN THIS AREA TO BE REMOVED. UNUSED PLUMBING PIPES TO BE CAPPED BELOW SLAB, IN WALL AND/OR ABOVE CEILING. SANITARY, WATER & VENT LINES MUST BE CAPPED WITHIN 2 FEET OF AN ACTIVE LINE. NO DEAD ENDS PERMITTED.



PLUMBING SPECIFICATIONS

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2007 EDITION, PLUMBING SECTION, WITH 2009 AMENDMENTS, AND SHALL COMPLY WITH ALL LOCAL RULES AND ORDINANCES.

- ALL WORKMANSHIP & MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE NATIONAL, STATE, LOCAL CODES, RULES & ORDINANCES.
- CONTRACTOR SHALL VISIT THE JOB SITE & THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
- ALL MATERIALS SHALL BE NEW.
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST-CLASS WORKMANLIKE MANNER. THE COMPLETE SYSTEM SHALL BE FULLY OPERATIVE.
- ALL EXCAVATION & BACK FILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.
- REQUIRED INSURANCE SHALL BE PROVIDED BY THIS CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY & PROPERTY DAMAGE FOR THE DURATION OF WORK.
- CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS & TEST. SUBSTITUTIONS BY THE CONTRACTOR SHALL HAVE PRIOR APPROVAL. ANY CHANGES MADE WITHOUT APPROVAL WILL BE PAID BY THE CONTRACTOR TO RETURN TO THE ORIGINAL DESIGN.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROCESS OF CONSTRUCTION.
- THE CONTRACTORS AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REVIEW OF THE GENERAL NOTES, SPECIFICATIONS, AND ALL OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS.
- DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. FIELD VERIFY FINAL LOCATIONS FOR EQUIPMENT. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND EXACT LOCATION OF PLUMBING FIXTURES. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS.
- DRAWINGS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- VERIFY LOCATION, SIZE, TRAPS, INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES. ANY COST RESULTING FROM DISCREPANCIES NOT REPORTED AT THIS TIME SHALL BE PAID BY THE CONTRACTOR.
- INSTALL AIR CHAMBERS OR SHOCK ABSORBERS IN PIPING SYSTEM TO PREVENT NOISE AND DAMAGE DUE TO WATER HAMMER.
- PROVIDE SHUT-OFF VALVES IN THE SUPPLY PIPING TO EVERY FIXTURE.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS.
- IN AREAS WHERE AN EXISTING FIXTURE IS TO BE REMOVED AND THE SANITARY LINE IS TO BE CAPPED, THE LINE MUST BE CAPPED WITHIN 2 FEET OF AN ACTIVE SANITARY LINE. NO DEAD ENDS PERMITTED.
- CAP ALL PIPING OPENINGS DURING CONSTRUCTION UNTIL FINAL CONNECTIONS TO EQUIPMENT AND ACCESSORIES ARE MADE.
- SANITARY PIPE 3" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT. SANITARY PIPE 4" AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT. CONDENSATE PIPING SHALL BE SLOPED AT A MINIMUM OF 1/4" PER FOOT.
- ALL FLOOR PENETRATIONS MUST BE SLEEVED, FIRE STOPPED, GROUTED, SEALED AND MADE WATERPROOF IN ACCORDANCE WITH THE LANDLORDS REQUIREMENTS. SLEEVES MUST EXTEND A MINIMUM OF 4" A.F.F. COORDINATE ALL CONCRETE TRENCHING/CORING TO ENSURE THAT ANY UNDER SLAB UTILITIES, ETC. ARE NOT DAMAGED DURING FLOOR CUT. ANY DAMAGE TO BE REPAIRED AT CONTRACTOR EXPENSE. CUTTING AND PATCHING ACTIVITIES WHICH CREATE NOISE MUST BE PERFORMED AFTER-HOURS SO LONG AS ANY OTHER TENANTS ARE OCCUPYING THE BUILDING. PRIOR APPROVAL AND COORDINATION WITH PROPERTY MANAGEMENT IS REQUIRED FOR ALL CONCRETE CUTTING.
- DO NOT ROUTE ANY WET PIPING OVER ELECTRICAL EQUIPMENT.
- WATER PIPING TO BE TYPE "M" OR TYPE "L" COPPER ABOVE OR BELOW GRADE.
- SOIL, WASTE & VENT PIPING TO BE PVC #40 DWV.
- HOT WATER LINES SHALL BE INSULATED WITH 1/2" TO 1" THICK ARMAFLEX INSULATION FROM THE WATER HEATER TO THE FURTHEST FIXTURE PER FBC 2007 CHAPTER 13, (WITH 2009 SUPPLEMENTS) SECTION 13-412 AB.4.10) AND TABLE 13-411 AB.2.
- WHERE DISSIMILAR METALS ARE TO BE JOINED, APPROVED INSULATING UNIONS SHALL BE USED.
- CONDENSATE LINES TO BE COPPER/PVC DEPENDING ON PROJECT REQUIREMENTS. INSULATE WITH 1/2" THICK ARMAFLEX INSULATION.
- CONTRACTOR SHALL GUARANTEE ALL MATERIALS & WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) 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 THEREBY.
- CONTRACTOR TO 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 HAVE 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.
- CONTRACTOR SHALL KEEP AS-BUILTS AND SUBMIT TO THE ENGINEER OF RECORD FOR REVIEW. ALL CHANGES SHALL BE FORWARDED A MINIMUM OF 10 WORKDAYS 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.

GLIDDEN • SPINA & PARTNERS
ARCHITECTURE • INTERIOR DESIGN, INC.

GS&P

PHONE: 561.684.6844 • FAX: 561.684.6594 • E-MAIL: info@gsp-architects.com
1401 FORUM WAY, SUITE 100 • WEST PALM BEACH, FLORIDA 33401
FL License: #A326001602
Benjamin John Glidden, III #AR13419
Keith M. Spina #AR13419

Tenant Improvements For:
North American Development Group
Suite 201
400 Clematis Street
West Palm Beach, Florida 33401

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file name: 10402_P1.01(2)DWG

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date: 12/21/10
drawn by: DCJ/AN/AB
checked by: JHT/MW

P1.01

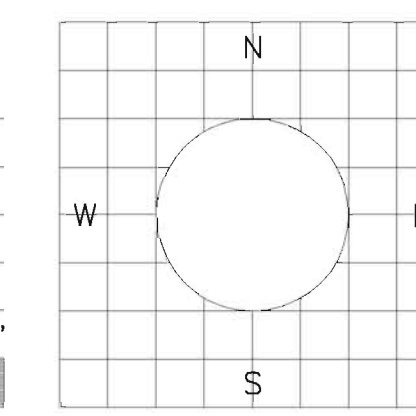
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PERMIT SET: 12/21/10

FAE CONSULTING
1640 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33432
TEL: (561) 391-9292 FAX: (561) 391-9898
CERTIFICATE OF AUTHORIZATION NO. 28107
HAROLD R. TUBBLEN, P.E. LICENSE #19215
MARTIN WHITLOCKE, P.E. LICENSE #53899
E-MAIL: INFO@FAECONSULTING.COM

1ST FLOOR PLUMBING PLAN

1/4" = 1'-0"



ELECTRICAL SYMBOL LEGEND	
	110V DUPLEX RECEPTACLE
	QUAD-PLEX RECEPTACLE
	WATER PROOF RECEPTACLE
	GROUND FAULT CIRCUIT INTERRUPTER
	220V RECEPTACLE
	FLOOR DUPLEX RECEPTACLE WITH BRASS COVER PLATE, FLUSH WITH FLOOR
	FLOOR QUAD-PLEX RECEPTACLE WITH BRASS COVER PLATE, FLUSH WITH FLOOR
	JUNCTION BOX
	TELE/FAX/DATA PORT
	FLOOR TELE/DATA JACK WITH BRASS COVER PLATE, FLUSH WITH FLOOR
	TELEPHONE BOARD
	TELEVISION JACK
	ELECTRICAL METER
	FUSE DISCONNECT
	ELECTRICAL CIRCUIT BREAKER
	ELECTRICAL PANEL
	MAIN DISTRIBUTION PANEL
	SWITCH
	THREE-WAY SWITCH
	MOTOR RATED SWITCH
	THERMOSTAT
	EXHAUST FAN
	U.C. UNDER COUNTER
	C.M. CEILING MOUNTED
	EXISTING TO REMAIN - PROVIDE NEW BRANCH CIRCUITS TO RECEPTACLES WHERE INDICATED

* NOTE: ALL SYMBOLS MAY NOT BE USED FOR THIS PROJECT
 ** PROVIDE 3/4" C WITH PULL WIRE, 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.

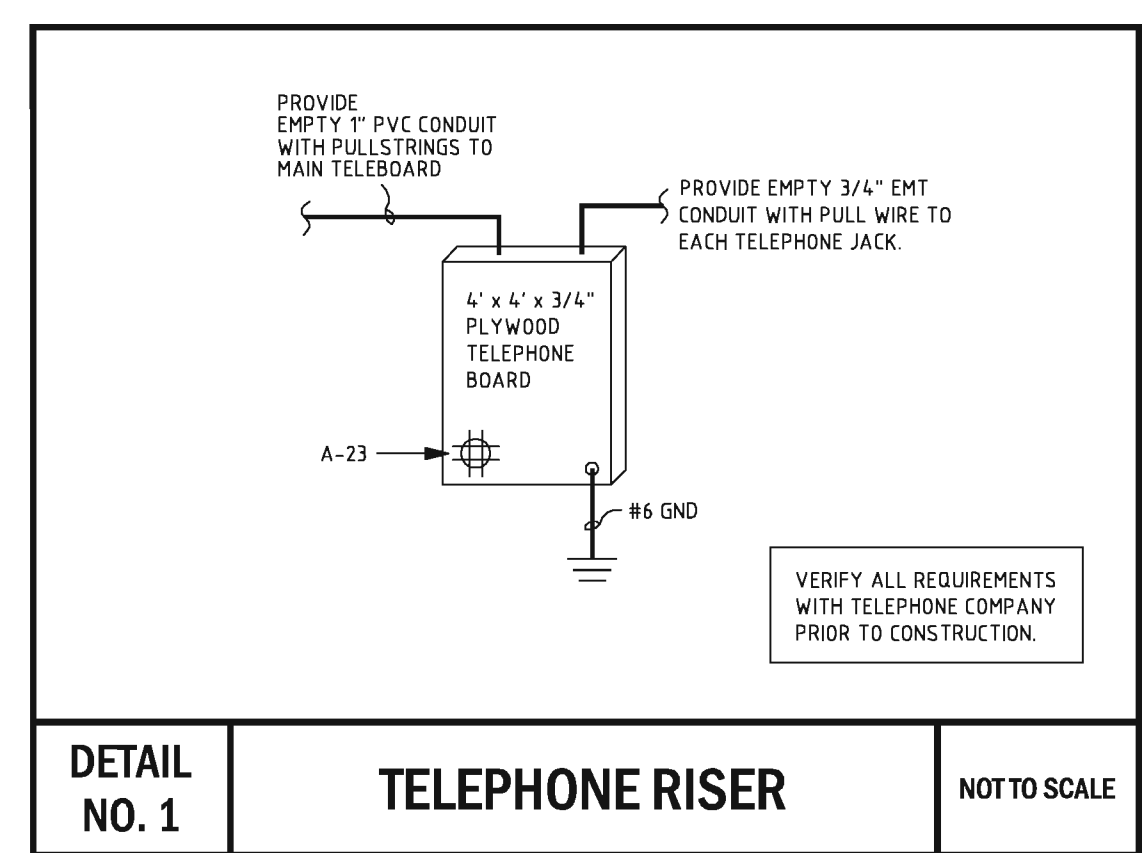
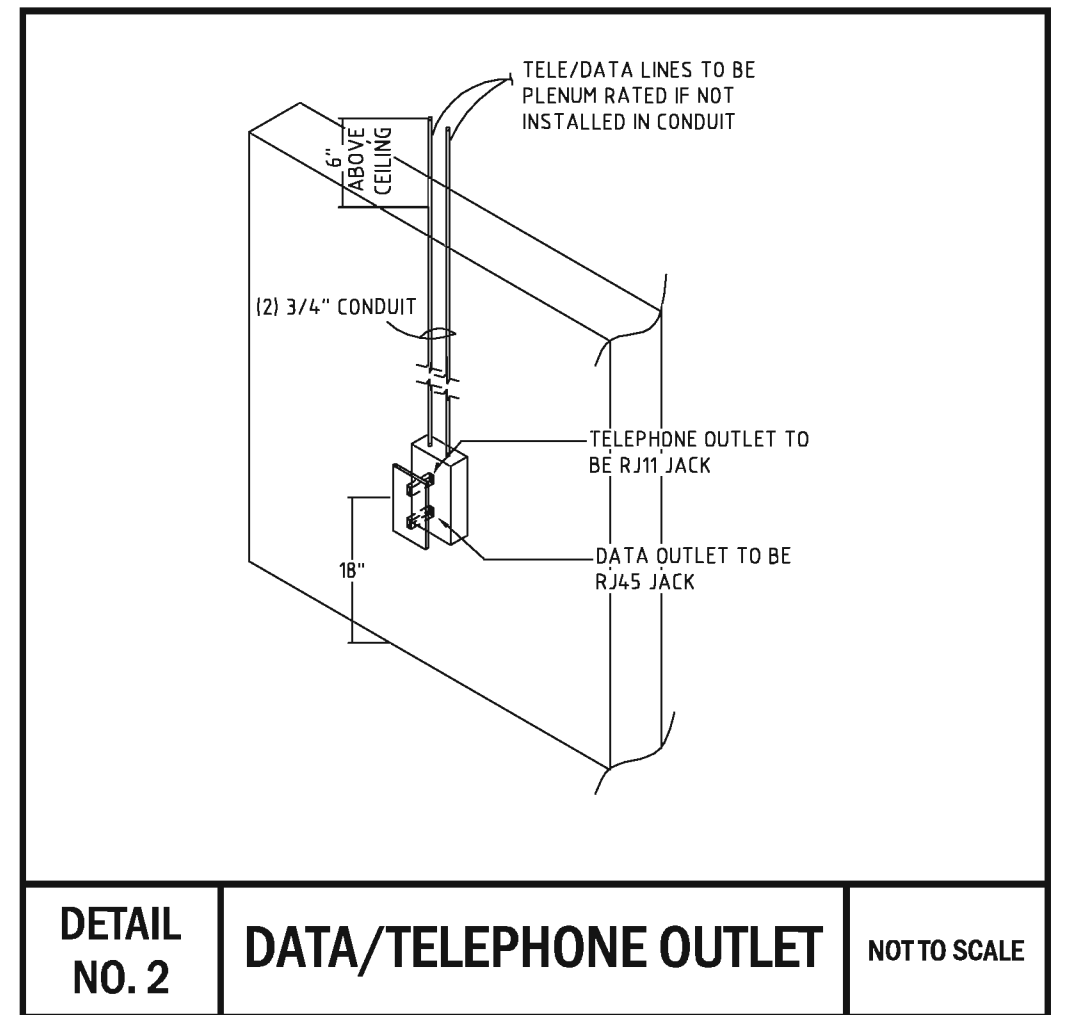
FIRE RATING NOTE
 ALL ELECTRICAL DEVICES PENETRATING FIRE RATED WALLS SHALL BE PROVIDED WITH U.L. APPROVED FIRE RATED ASSEMBLIES. (EQUAL TO WALL FIRE RATING - SEE ARCHITECTURAL DRAWINGS)

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

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

ELECTRICAL CONTRACTOR TO INCLUDE IN HIS BID LOW VOLTAGE WIRING, AND THE INSTALLATION OF ALL CABLING AND DEVICES, INCLUDING DATA/COMM (SPECS NOT BY FAE). ALL DEVICES ARE TO BE RUN OVERHEAD TO TELEPHONE BOARD LOCATION. COORDINATE ALL LOCATIONS WITH OWNER PRIOR TO BID/CONSTRUCTION.

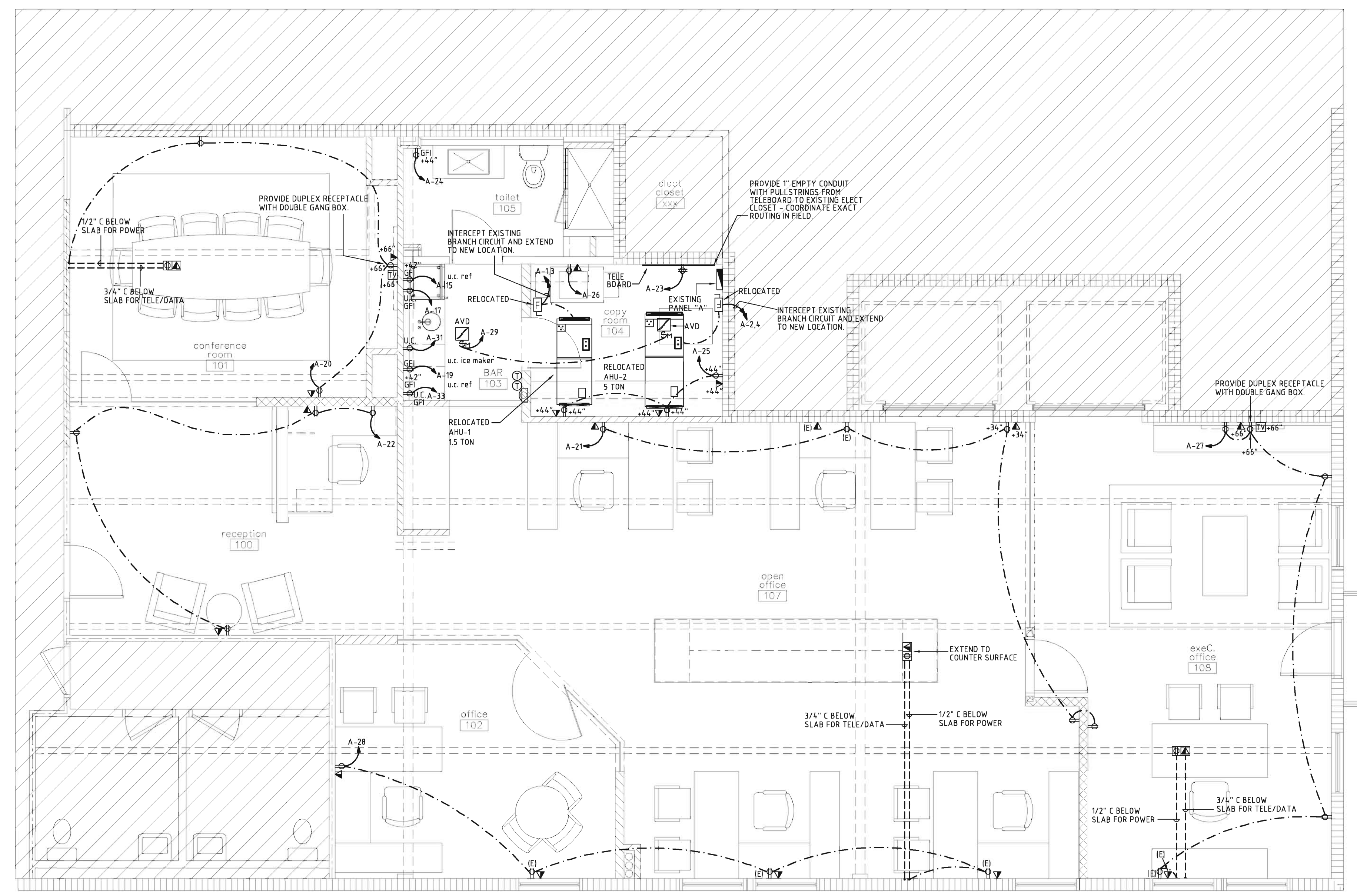
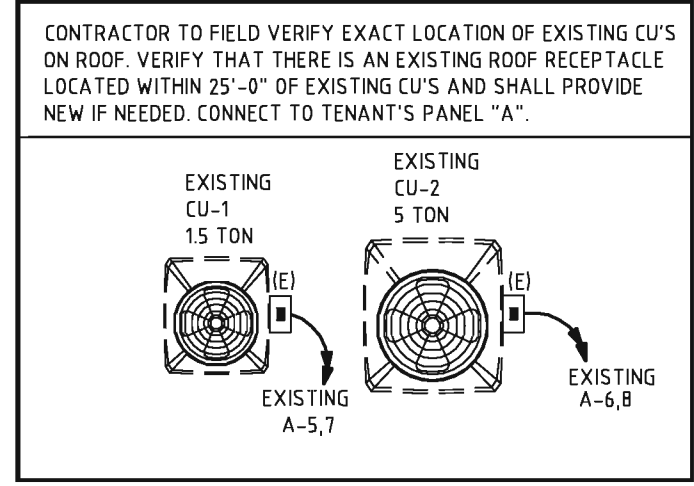
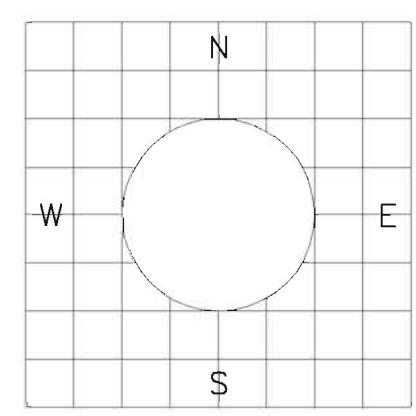
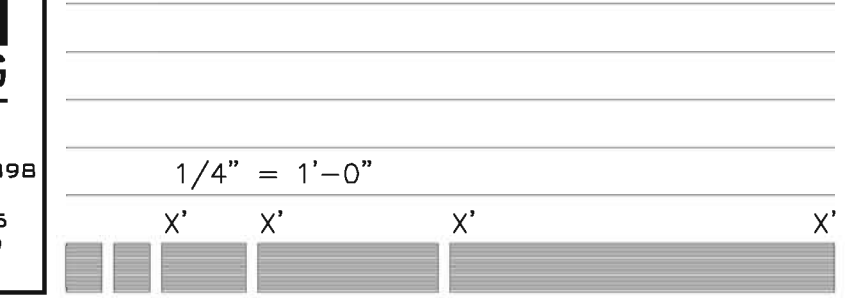
THE ELECTRICAL POWER RISER IS EXISTING TO REMAIN. NO MODIFICATIONS ARE TO BE MADE.



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FAE CONSULTING
 1640 N.W. BOCA RATON BLVD.
 BOCA RATON, FL 33432
 TEL: (561) 391-9292 FAX: (561) 391-9898
 CERTIFICATE OF AUTHORIZATION NO. 28107
 HAROLD R. TUBBLEN, P.E. LICENSE #19215
 MARTIN WHITLOCKE, P.E. LICENSE #53899
 E-MAIL: INFO@FAECONSULTING.COM

1ST FLOOR POWER PLAN



MFG. EXISTING		TYPE EXISTING		EXISTING PANEL & FEEDERS ARE TO REMAIN		PANEL RATING 225		AMPS				
VOLTS 120/208V 3Ø4W		PANEL "A"		POS 42		POS 42		AMPS				
BUS KVA		LOAD		COND. WIRE SIZE		COND. WIRE SIZE		LOAD				
A	B	C	AHU-1	(2) 3/4"	8	2	50	1	AHU-2	(2) 4.0	4.0	3.0
4.0	4.0	3.0	CU-1	(2) 3/4"	8	2	40	2	CU-2	(2) 13.0	13.0	3.0
13.0	0.4	1.5	COND PUMP/ROOF REC	(2) 1/2"	12	1	20	9	CONDENSATE PUMP	(2) 0.2	0.2	-
0.4	1.5	0.4	WATER HEATER	(2) 1/2"	12	2	20	11	SPARE	(2) -	-	-
1.5	0.4	0.5	BAR COUNTER RECEPT	(3) 1/2"	12	1	20	15	CONF/BAR/COPY/BATH LTS	(3) 0.9	0.9	0.5
0.4	0.5	1.0	U.C. REFRIGERATOR	(3) 1/2"	12	1	20	17	EXEC OFFICE LTS	(3) 0.8	0.8	0.2
1.0	0.4	0.8	BAR COUNTER RECEPT	(3) 1/2"	12	1	20	19	CONFERENCE RECEPT	(3) 0.8	0.8	0.2
0.4	0.8	1.2	OPEN OFFICE RECEPT	(3) 1/2"	12	1	20	21	RECEPTION RECEPT	(3) 0.8	0.8	0.2
0.8	1.2	0.5	TELE BOARD	(3) 1/2"	12	1	20	23	BATH RECEPT	(3) 0.8	0.8	1.0
1.2	0.5	0.5	COPY CENTER RECEPT	(3) 1/2"	12	1	20	25	COPY MACHINE	(3) 0.8	0.8	1.0
0.5	0.5	0.5	EXEC OFFICE RECEPT	(3) 1/2"	12	1	20	27	OPEN OFFICE RECEPT	(3) 0.8	0.8	0.4
0.5	0.5	-	AVD'S	(5) 1/2"	12	1	20	29	SPACE	(5) 0.3	0.3	-
-	-	-	U.C. ICE MAKER	(3) 1/2"	12	1	20	31	RECEPTION LTS	(3) 0.9	0.9	-
-	-	-	U.C. REFRIGERATOR	(3) 1/2"	12	1	20	33	OPEN OFFICE LTS	(3) 0.4	0.4	-
-	-	-	SPACE	-	-	-	-	35	LIGHTING TIME SWITCH	(3) -	-	-
-	-	-	-	-	-	-	-	37	SPACE	-	-	-
-	-	-	-	-	-	-	-	39	SPACE	-	-	-
-	-	-	-	-	-	-	-	41	SPACE	-	-	-
-	-	-	-	-	-	-	-	42	SPACE	-	-	-

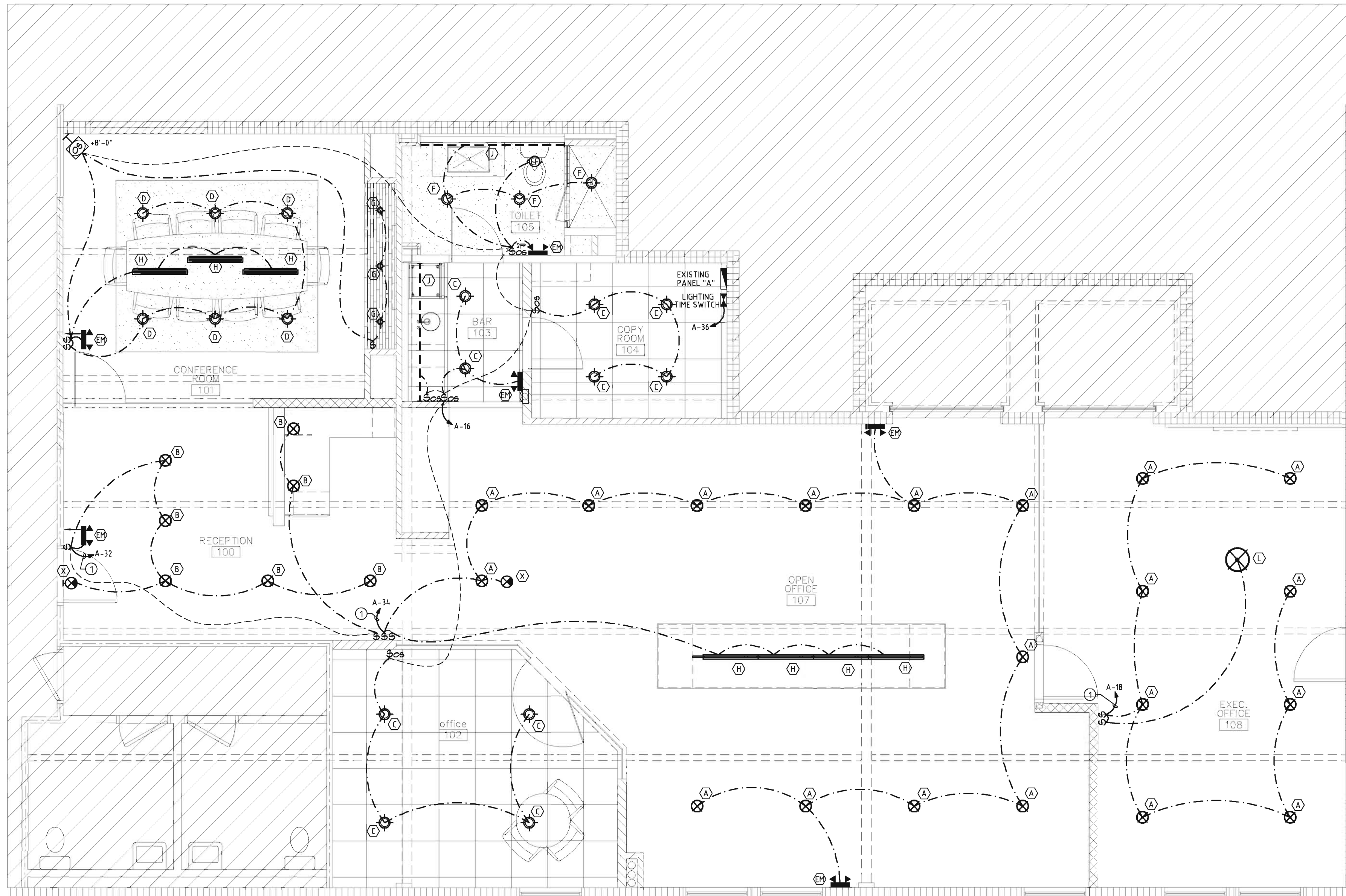
REMARKS & KEY NOTES:
 1 EXISTING MAIN LUGS ONLY.
 2 EXISTING BRANCH CIRCUIT AND BREAKER TO REMAIN.
 3 REMOVE EXISTING BRANCH CIRCUIT. RE-USE EXISTING BREAKER FOR NEW BRANCH CIRCUIT AS SCHEDULED. CONTRACTOR TO VERIFY EXISTING BRANCH CIRCUIT IS NO LONGER IN USE PRIOR TO REMOVAL.
 4 REMOVE EXISTING BRANCH CIRCUIT. LEAVE EXISTING BREAKER AS SPARE. CONTRACTOR TO VERIFY EXISTING BRANCH CIRCUIT IS NO LONGER IN USE PRIOR TO REMOVAL.
 5 PROVIDE NEW BRANCH CIRCUIT AND BREAKER IN EXISTING SPACE IN PANEL.
 6 NON-CONCURRENT LOAD.

LOAD CALCULATIONS PER NEC:
 CALCULATED LIGHTING = 2.6 KVA @ 125% = 3.3 KVA
 LARGEST MOTOR = 6.0 KVA @ 125% = 7.5 KVA
 REMAINING LOADS @ 100% = 4.05 KVA
 TOTAL DEMAND IL = 4.05 KVA / 208√3 V = 112.4 AMPS

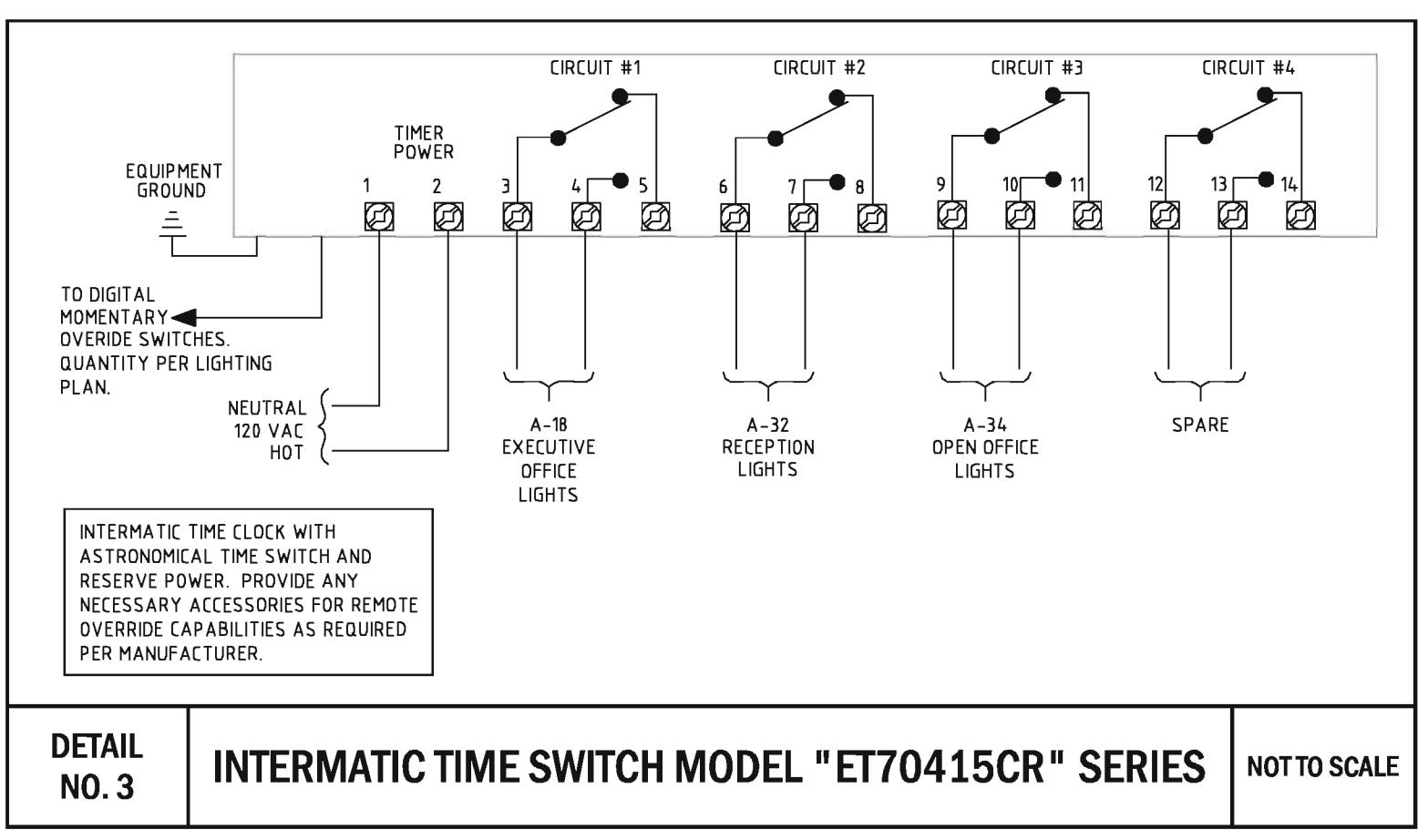
EXISTING FEEDER SIZE 4 # 3/0's THWN
 VERIFY IN FIELD 1 # 6 GND CU
 EXISTING CONDUIT SIZE VERIFY IN FIELD 2"

MOUNT SURFACE MIN. A.I.C. EXISTING

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KEY NOTES:
 ① WIRE CIRCUIT THRU LIGHTING TIMESWITCH FOR COMPLIANCE WITH CHAPTER 13 OF THE FLORIDA BUILDING CODE. SEE DETAIL ON THIS SHEET.



LIGHTING CONTROL SYMBOL LEGEND

- Line Voltage Wall Mounted Occupancy Sensor - Sensor Switch Model: WSD-PDT
- Line Voltage 2-Pole Wall Mounted Occupancy Sensor Switch Model: WSD-PDT-2P (Provide Power Packs PP-20, AS REQUIRED)
- SWITCH
- Low Voltage Wide View Corner Mounted Occupancy Sensor - Sensor Switch Model: WV-PDT (Provide Power Packs PP-20, AS REQUIRED)
- Intermatic Next Generation Time Switch 7-DAY FULL YEAR LIGHTING CONTROL WITH ASTRONOMICAL TIME CLOCK MODEL: ET70415CR, 120V
- Override Switch with Pilot Light, 4 HOUR MAX TIME DELAY. VERIFY SPECS WITH INTERMATIC.

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

LUMINAIRE SCHEDULE

Label	Catalog Number	Description	Lamp
A	GOTHAM CF11 2/32TRT 10AR MVOLT WLP DBK VERIFY MOUNTING HEIGHT	11" OPEN CYLINDER WITH 10" SPECULAR REFLECTOR BLACK EXTERIOR FINISH	TWO 32-WATT TRIPLE TUBE LAMPS.
B	GOTHAM CFV9 32TRT BAR MVOLT WLP DBK VERIFY MOUNTING HEIGHT	9" OPEN CYLINDER WITH 8" SPECULAR REFLECTOR, BLACK EXTERIOR FINISH	ONE 32-WATT TRIPLE TUBE LAMP.
C	GOTHAM AF 1/25TRT 6AR CGL MVOLT WLP	AF 6" APERTURE LENSED DOWNLIGHT WITH CLEAR GLASS LENS.	ONE 26-WATT TRIPLE TUBE LAMP.
D	GOTHAM AF 1/32TRT BAR CGL MVOLT WLP	AF 8" APERTURE LENSED DOWNLIGHT WITH CLEAR GLASS LENS.	ONE 32-WATT TRIPLE TUBE LAMP.
E	GOTHAM AF 1/25TRT 6AR T33 MVOLT WLP	AF 6" APERTURE LENSED DOWNLIGHT WITH PRISMATIC LENS.	ONE 26-WATT TRIPLE TUBE LAMP.
G	CON-TECH LED RECESSED PUCK	3 WATT LED RECESSED PUCK LIGHT	INTEGRAL LED
H	CADRE 900 KU963153	PENDANT LUMINAIRE COORDINATE FINISH & PENDING HEIGHT W/ ARCHITECT	39-WATT
L	MUNDO ILLUMINATION LNR SERIES -PROVIDE POWER SUPPLIES AS REQUIRED	LINEAR LED STRIP VERIFY LENGTH/COLOR TEMP. REQUIRED W/ ARCHITECT	6W/40" 15W/10"
M	SELECTED BY OWNER/ARCHITECT	PENDANT FIXTURE	50-WATT
EM	LITHONIA ELM2	MOUNT EMERGENCY LIGHTS IN AREAS WITHOUT CEILING AT 8'-0" A.F.F.	EMERGENCY LIGHT WITH MINIMUM 90 MINUTE BATTERY BACK UP
X	LITHONIA LIGHTING EDG SERIES	MOUNT 8'-0" A.F.F.	EXIT SIGN WITH MINIMUM 90 MINUTE BATTERY BACK UP. CONFIRM COLOR WITH ARCH/OWNER

NOTES:
 1. PROVIDE ELECTRONIC BALLAST FOR ALL FLUORESCENT LAMPED FIXTURES.
 2. MINIMUM FLUORESCENT LAMP COLOR TEMPERATURE SHALL BE 3500K.
 3. SEE LIGHTING PLAN FOR EXIT SIGN CHEVRON REQUIREMENTS.
 4. COORDINATE ALL LIGHTING FIXTURE TYPES WITH ARCHITECT PRIOR TO BID/PURCHASE.
 5. ALL EMERGENCY LIGHTING TEST BUTTONS TO BE MOUNTED INSIDE LIGHT FIXTURE.

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.
- 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 UL CERTIFICATION.
- ALL LUMINAIRES SHALL COMPLY WITH SECTION 410.330(I) DISCONNECTING MEANS OF THE NEC.

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 13-4.15(B.1)

	ALLOWED	USED	
CONFERENCE:	1.3 W/SQ FT x 280 SQ FT = 364 WATTS	318 WATTS	
RESTROOM:	0.9 W/SQ FT x 90 SQ FT = 81 WATTS	92 WATTS	
BAR:	1.2 W/SQ FT x 60 SQ FT = 72 WATTS	66 WATTS	
RECEPTION:	1.3 W/SQ FT x 260 SQ FT = 338 WATTS	224 WATTS	
OFFICE:	1.1 W/SQ FT x 1450 SQ FT = 1595 WATTS	1590 WATTS	
COPY:	1.5 W/SQ FT x 100 SQ FT = 150 WATTS	104 WATTS	
	TOTAL ALLOWED:	2600 WATTS	
		TOTAL USED:	2394 WATTS

ENERGY COMPLIANCE NOTE

- THE LIGHTING TIME SWITCH SHALL BE THE MEANS OF AUTOMATIC LIGHTING SHUTOFF PER FBC 13-4.15.1.ABC.1.1 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 13-4.13.1.ABC.2.

Tenant Improvements For:
 North American Development Group
 Suite 201
 400 Clematis Street
 West Palm Beach, Florida 33401

1ST FLOOR LIGHTING PLAN
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project no: 10167
 date: 12/21/10
 drawn by: DC/AN/AB
 checked by: JTM/W

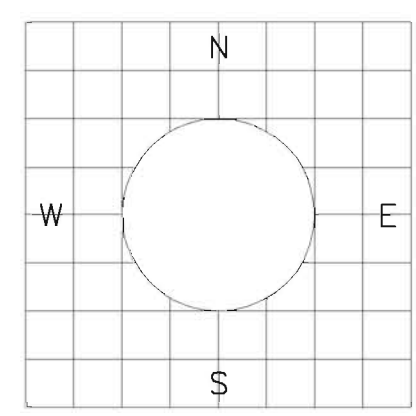
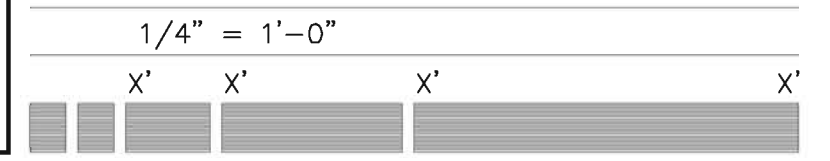
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FAE CONSULTING
 1640 N.W. 80th RAYON BLVD.
 BOCA RATON, FL 33432
 TEL: (561) 391-9292 FAX: (561) 391-9898
 CERTIFICATE OF AUTHORIZATION NO. 28107
 HAROLD R. TUBBLEN, P.E. LICENSE #19215
 MARTIN WHITLOCKE, P.E. LICENSE #53899
 E-MAIL: INFO@FAECONSULTING.COM

1ST FLOOR LIGHTING PLAN



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.