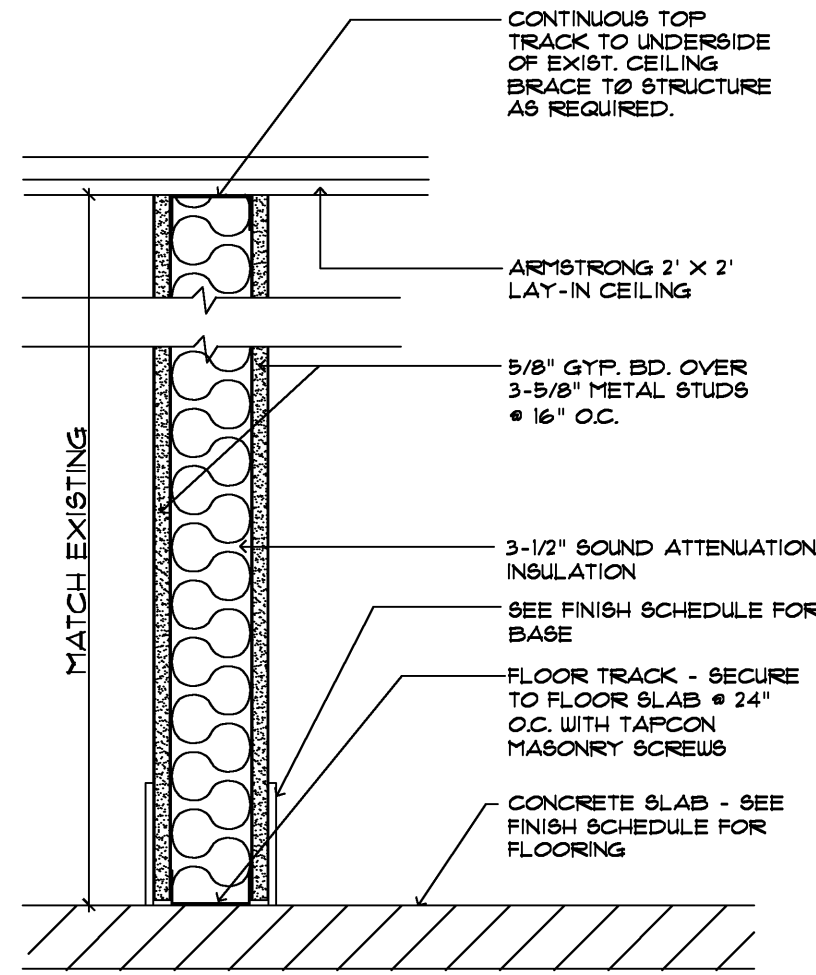
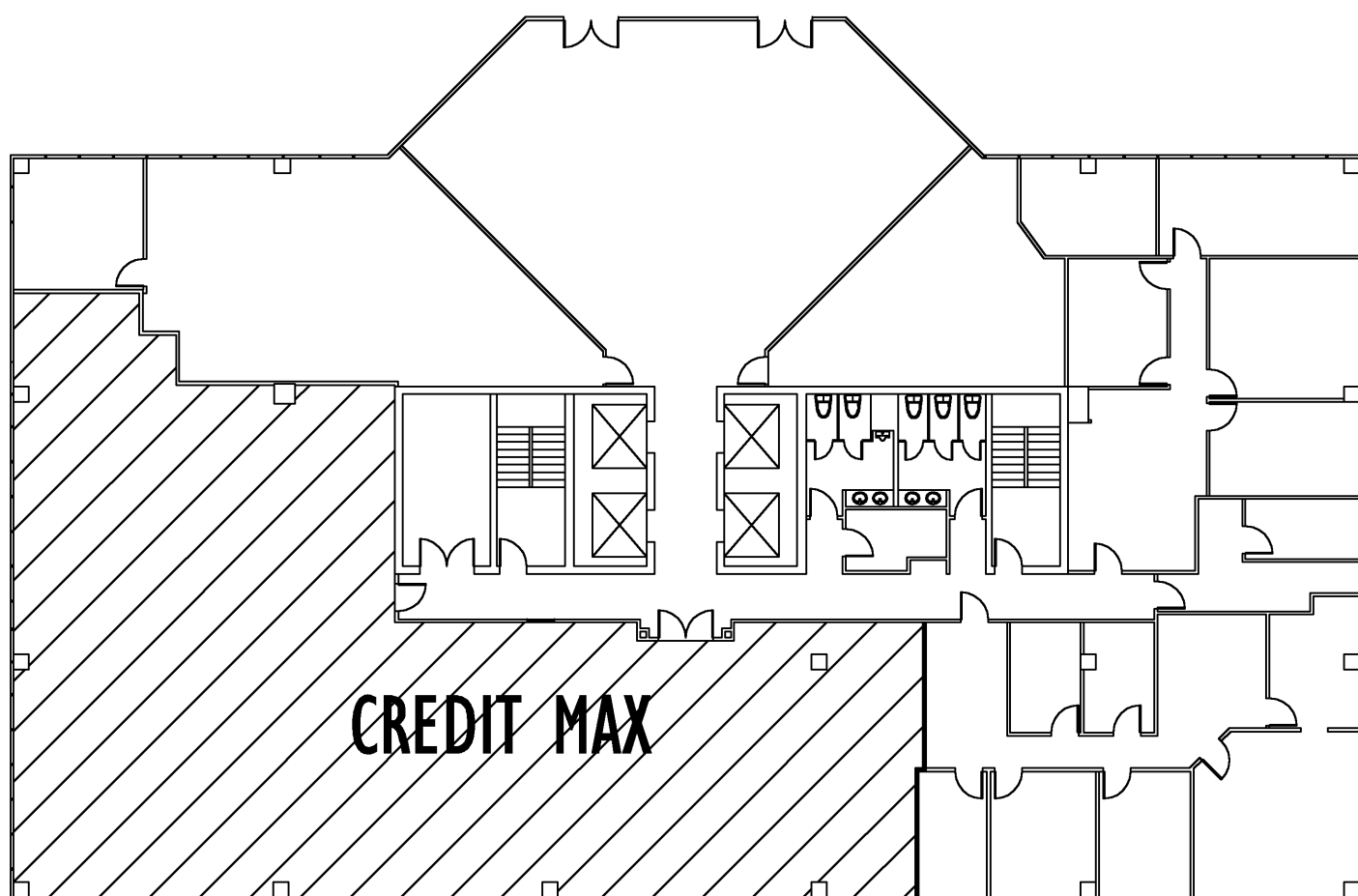


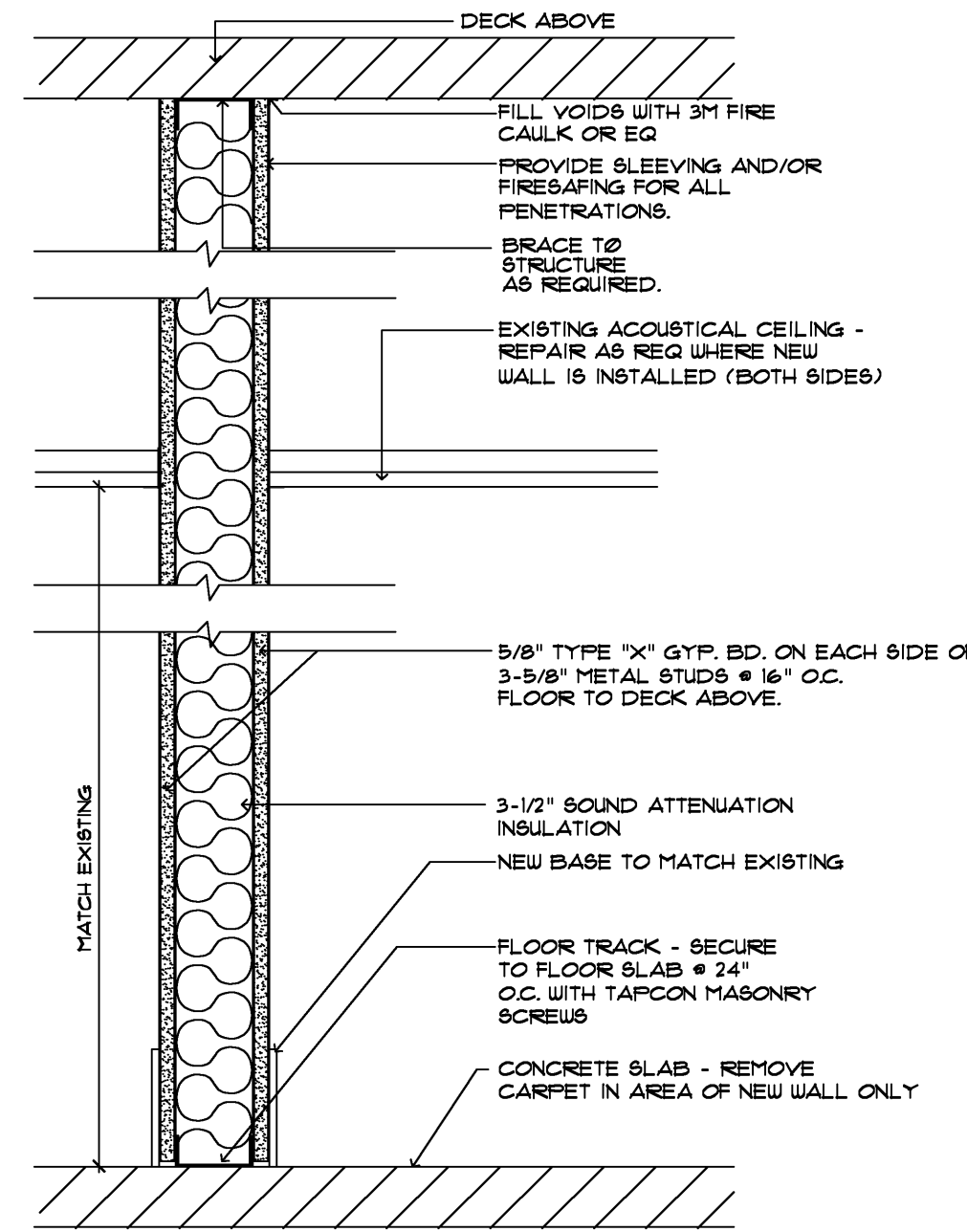
GENERAL NOTES AND CONDITIONS (MB DESIGN 11-5-2009)
 CONTRACTOR ALSO REFERS TO ALL SUBCONTRACTORS WHERE APPLICABLE

- PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS, INCLUDING INCIDENTAL ITEMS REQUIRED TO COMPLETE THE PROJECT.
- ALL WORK TO COMPLY IN ALL RESPECTS WITH APPLICABLE CODES LISTED AND ANY OTHER STATUTES, ORDINANCES, REGULATIONS, LAWS AND CODES ADOPTED BY ANY AGENCY HAVING JURISDICTION OVER THE PROJECT.
- CONTRACTOR MUST BE LICENSED IN THE STATE OF FLORIDA AND SHALL OBTAIN AN OCCUPATIONAL LICENSE AS REQUIRED BY LOCAL AGENCIES.
- THE CONTRACTOR SHALL DO ALL CUTTINGS AND PATCHINGS REQUIRED TO MAKE THE PROPOSED WORK AND ITS SEVERAL PARTS COME TOGETHER PROPERLY. NO CUTTING SHALL BE DONE TO ANY STRUCTURAL MEMBERS EXCEPT WHEN SHOWN ON THESE DRAWINGS.
- CONTRACTOR SHALL CONTACT ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY UNFORESEEN EXISTING CONDITION OR CONFLICT BETWEEN DRAWINGS AND ACTUAL CONDITIONS.
- WORK SHALL BE DONE IN A WORKMANLIKE MANNER BY EXPERIENCED CRAFTSMAN (LICENSED WHERE REQUIRED) IN ACCORD WITH THE DRAWINGS AND INSTRUCTIONS TO THE APPROVAL OF THE ARCHITECT/ INTERIOR DESIGNER UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.
- CONTRACTORS SHALL VERIFY ALL DIMENSIONS AT THE JOB SITE PRIOR TO BIDDING AND/OR ORDERING MATERIALS AND EQUIPMENT AND NOTIFY THE ARCHITECT OF DISCREPANCIES BETWEEN CONDITIONS AND DRAWING. ANY CHANGE IN DIMENSIONS MUST BE APPROVED BY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL TRADES. A PRECONSTRUCTION MEETING IS SUGGESTED TO COORDINATE LOCATION AND ROUTING OF ALL PIPING, DUCTWORK, ETC.
- IT IS THE GENERAL CONTRACTOR'S SOLE RESPONSIBILITY TO KEEP THE MUNICIPALITY UPDATED ON ANY ADDENDUM, CHANGE ORDER, OR PLAN CHANGES THAT WILL AFFECT THE PERMIT APPROVED SET OF PLANS. NO CHANGES WILL BE MADE WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT / INTERIOR DESIGNER.
- ALL MATERIALS USED IN THE PERMANENT CONSTRUCTION OF THIS WORK SHALL BE NEW, EXCEPT AS NOTED, FIRST QUALITY, FREE FROM DEFECTS AND INSTALLED AS PER MANUFACTURER'S RECOMMENDED PROCEDURES FOR THE APPLICATION IN WHICH THE ITEM IS TO BE USED.
- THE CONTRACTOR SHALL MAINTAIN A FULL SET OF COMPLETE AND CURRENT DRAWINGS AVAILABLE FOR REVIEW AT THE JOB SITE AT ALL TIMES. THE CONTRACTOR SHALL KEEP UP TO DATE "AS-BUILT" DRAWINGS AND SAME SHALL BE DELIVERED TO THE ARCHITECT UPON COMPLETION OF THE PROJECT PRIOR TO FINAL PAYMENT. DRAWING SHALL INCLUDE LOCATIONS OF MAJOR UTILITY PIPING.
- VERIFY ANY SPECIALS, TEMPORARY FACILITIES, BUILDING STANDARDS, INSURANCE REQUIREMENTS, ETC. WITH THE BUILDING OWNERS REPRESENTATIVE PRIOR TO BIDDING AND INCLUDE COSTS OF SAME.
- CONTRACT SHALL BE EXECUTED ON AIA-A-101 (LATEST EDITION) COMPLETE WITH GENERAL CONDITIONS OR OTHER FORM ACCEPTABLE TO ALL PARTIES. THESE GENERAL NOTES AND CONDITIONS WILL GOVERN IF THE GENERAL CONDITIONS CONFLICT.
- PROVIDE 15 ABC FIRE EXTINGUISHER @ MAXIMUM 15' O.C. FINAL LOCATION TO BE GIVEN BY FIRE MARSHALL. UNLESS NOTED EXTINGUISHERS SHALL BE SURFACE MOUNTED ON APPROVED HANGERS WITH TOP @ 48" AFF @
- SUBMIT SHOP DRAWINGS WITH MATERIAL SAMPLES WHERE NECESSARY FOR ALL CABINETRY AND MANUFACTURED ITEMS. ARCHITECT WILL RETAIN ONE COPY.
- SUBMIT NOTICE OF ACCEPTANCE (NOA) FOR EXTERIOR EQUIPMENT, DOORS, WINDOWS AND OTHER IMPROVEMENTS.
- CORRIDOR PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES, AND FIRE RATED WALLS REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUCH IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING IN CONCEALED SPACES. SUGGESTED WORDING "FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS". SPACED PER CODE (MAXIMUM 12' O.C.)
- CONTRACTOR TO INSTALL PROPER BACKING IN ALL WALLS FOR BUILT-IN CABINETRY, TV'S, TOILET ACCESSORIES, ETC. ALL BACKING IN RATED WALLS AND OTHERS DETERMINED BY THE BUILDING OFFICIAL SHALL BE FIRE TREATED ATTACHED WITH APPROVED FASTENERS.
- ANY MATERIAL USED AS A FINISH SURFACE SHALL BE PROPERLY PROTECTED AFTER INSTALLATION.
- SURFACES TO RECEIVE FINISHES SHALL BE INSPECTED BY THE INSTALLER OF THE FINISH WHO WILL INFORM THE CONTRACTOR OF ANY REPAIR REQUIRED. ONCE THE FINISH INSTALLER HAS ACCEPTED THE SURFACE HE WILL BE RESPONSIBLE FOR THE FINAL PRODUCT.
- SELECT PAINT TYPE AS RECOMMENDED BY MANUFACTURER FOR PARTICULAR APPLICATION. USE ONLY FIRST-LINE QUALITY PRODUCTS. APPLY PAINT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS USING APPLICATORS AND TECHNIQUES BEST SUITED FOR SUBSTRATE AND TYPE OF MATERIAL BEING APPLIED. COMPLY WITH MANUFACTURER'S PUBLISHED RECOMMENDATIONS WITH RESPECT TO SURFACE PREPARATION, MIXING AND TINTING, APPLICATION, PROTECTION, AND CLEAN-UP. COMPLETELY COVER SURFACES TO PROVIDE AN OPAQUE, SMOOTH SURFACE OF UNIFORM FINISH, COLOR, AND APPEARANCE.
- CONTRACTOR TO PROVIDE ENGINEERED FIRE SPRINKLER DRAWINGS TO FIRE MARSHAL FOR APPROVAL IF APPLICABLE. WHEN APPLICABLE SYSTEM TO BE COMPATIBLE WITH EXISTING FIRE SPRINKLER SYSTEM. DRAWINGS SHALL BE SIGNED AND SEALED BY A P.E. REGISTERED TO PRACTICE IN FLORIDA WHERE REQUIRED.
- CONTRACTOR TO PROVIDE ENGINEERED FIRE ALARM DRAWINGS TO FIRE MARSHAL FOR APPROVAL IF APPLICABLE. WHEN APPLICABLE SYSTEM TO BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. DRAWINGS SHALL BE SIGNED AND SEALED BY A P.E. REGISTERED TO PRACTICE IN FLORIDA WHERE REQUIRED.
- AN ADA APPROVED DRINKING FOUNTAIN AND UTILITY SINK EXISTS IN THE COMMON AREA.
- ALTERATION WORK COMPLIES WITH LEVEL 2 ALTERATIONS, PER FBC EXISTING BUILDING CODE, CHAPTER 4.
- ALL CONSTRUCTION, ALTERATION AND DEMOLITION TO COMPLY WITH NFPA 241.
- DEBRIS TO BE REMOVED FROM SITE DAILY.
- PAINT ENTIRE SUITE WITH 2 COATS OF FLAT LATEX PAINT BY "BENJAMIN MOORE" OR EQUAL.

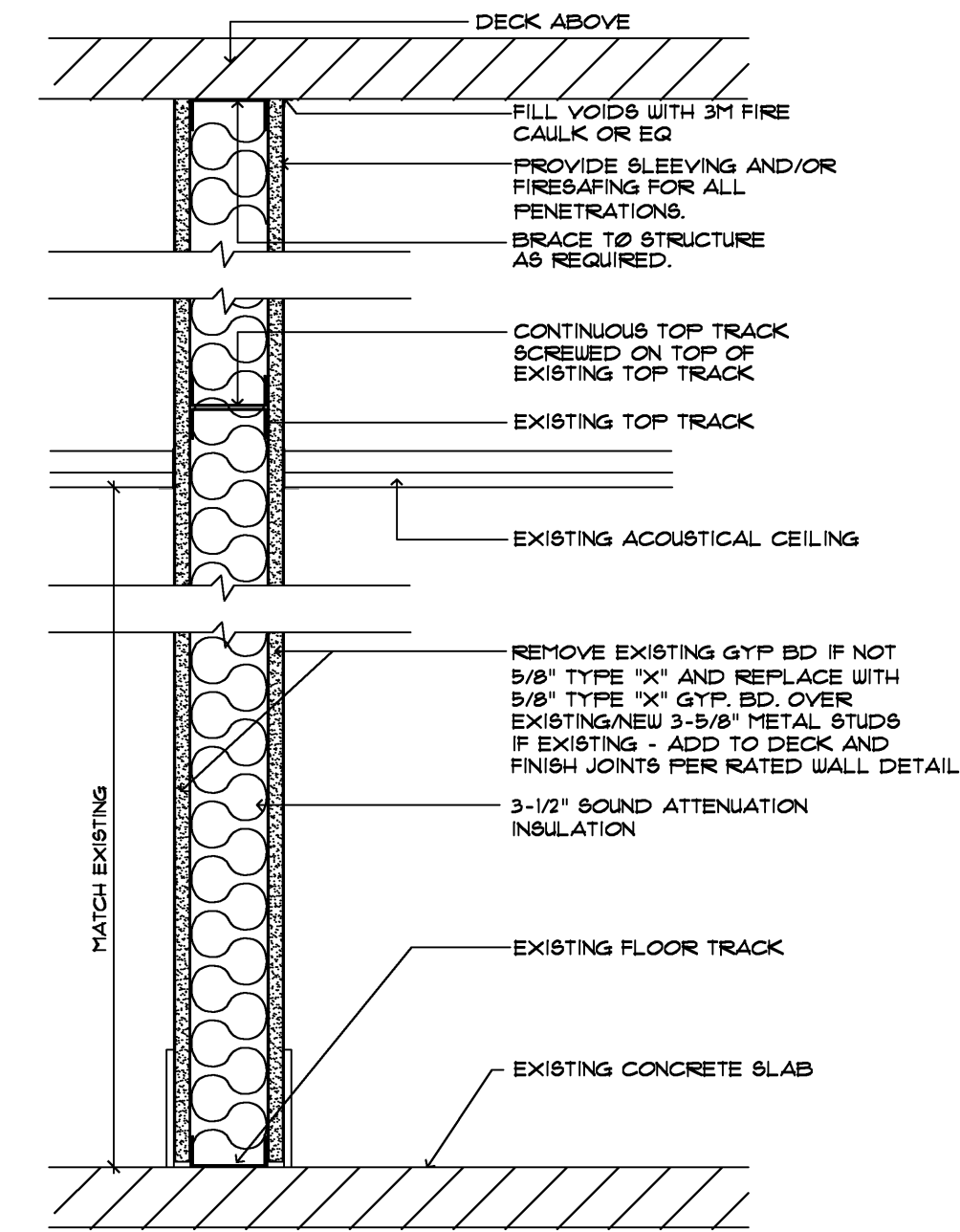
BUILDING DATA:
 OCCUPANCY TYPE: GROUP B - BUSINESS
 4304 SF DIVIDED BY 100 SF/PERSON = 43 PERSONS
 TYPE OF CONSTRUCTION - TYPE III PROTECTED - FULLY SPRINKLERED
 NUMBER OF FLOORS: 15



1 WALL SECTION
 A-1 SCALE: 1-1/2" = 1'-0"



2 1 HR RATED WALL SECTION
 A-1 SCALE: 1-1/2" = 1'-0"



3 MODIFIED 1 HR RATED WALL SECTION
 A-1 SCALE: 1-1/2" = 1'-0"

ROOM	FLOOR	BASE	WALLS	CEILING	SPECIAL REQUIREMENTS
200	EXIST TO REMAIN	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
201	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
202	VCT A	VINYL	PAINT	EXISTING	
203	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
204	CARPET	EXISTING	PAINT	EXISTING	
205	CARPET	EXISTING	PAINT	EXISTING	
206	CARPET	WOOD - NEW WALLS ONLY	PAINT	2"x2" ACOUSTICAL	
207	CARPET	WOOD - NEW WALLS ONLY	PAINT	2"x2" ACOUSTICAL	
208	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
209	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
210	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
211	CARPET	EXISTING	PAINT	EXISTING	
212	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
213	CARPET	WOOD - NEW WALLS ONLY	PAINT	2"x2" ACOUSTICAL	
214	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
215	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
216	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
217	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
218	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	
219	CARPET	EXISTING	PAINT	EXISTING	
220	VCT B	VINYL	PAINT	EXISTING	
221	CARPET	WOOD - NEW WALLS ONLY	PAINT	EXISTING	

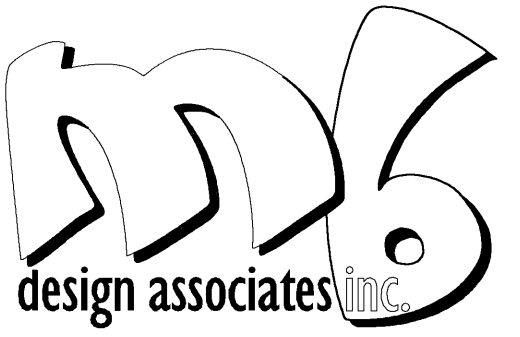
FINISH SPECIFICATIONS:
 CARPET - PROVIDE A 15/20/7D ALLOWANCE - (INCLUDING GLUE DOWN INSTALLATION)
 VCT A - "ARMSTRONG" STANDARD EXCELON SERIES - 12" X 12" (OR EQUAL)
 VCT B - "ARMSTRONG" STATIC DISSIPATIVE TILE - 12" X 12" (OR EQUAL)
 WOOD BASE - MATCH EXISTING FOR NEW/ INCLUDING FINISH
 VINYL BASE: 4" HIGH BY JOHNSONITE OR EQUAL
 WOOD DOOR CASING - MATCH EXISTING FOR NEW/INCLUDING FINISH
 PAINT - COLOR TO BE DETERMINED
 2"x2" ACOUSTICAL - MATCH EXISTING FOR NEW

FINISH SELECTIONS MUST COMPLY WITH THE FOLLOWING:
 PER FBC 803.1 AND 804 - 2007
 INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84, SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE DEVELOPED INDEX:
 CLASS C - FLAME SPREAD INDEX 16-200; SMOKE-DEVELOPED INDEX 0-450.
 THE SURFACES LISTED BELOW SHALL RECEIVE THE SURFACE AS DESCRIBED BELOW:
 A. NEW GYPSUM DRYWALL SYSTEMS: ONE PRIMER COAT AND 2 FINISH COATS LATEX PAINT W/ FLAT FINISH BY "BENJAMIN MOORE" OR EQUAL.
 B. EXISTING GYPSUM DRYWALL SYSTEMS: 2 FINISH COATS LATEX PAINT W/ FLAT FINISH BY "BENJAMIN MOORE" OR EQUAL.
 C. NEW WOOD DOORS: FINISH TO MATCH EXISTING.
 D. NEW WOOD BASE AND CASINGS: FINISH TO MATCH EXISTING.

DOOR MARK	OPENING SIZE	THICKNESS	CONSTRUCTION	FINISH	FIRE RATING (LABEL)	GLASS	FRAME	REMARKS
1	3'-0" x 1'-0"	1-3/4"	S.C. WOOD	STAIN			WOOD	SEE NOTES 1 AND 3
2	3'-0" x 1'-0"	1-3/4"	SGL. LITE FRENCH	STAIN			WOOD	SEE NOTES 1 AND 3
3	3'-0" x 1'-0"	1-3/4"	SGL. LITE FRENCH	STAIN			WOOD	SEE NOTES 1 AND 3
4	3'-0" x 1'-0"	1-3/4"	SGL. LITE FRENCH	STAIN			WOOD	SEE NOTES 1 AND 3
5	3'-0" x 1'-0"	1-3/4"	SGL. LITE FRENCH	STAIN			WOOD	SEE NOTES 1 AND 3
6	3'-0" x 1'-0"	1-3/4"	SGL. LITE FRENCH	STAIN			WOOD	SEE NOTES 1 AND 3
7	3'-0" x 1'-0"	1-3/4"	SGL. LITE FRENCH	STAIN			WOOD	SEE NOTES 1 AND 3
8	EXIST. TO BE RELOCATED TO THIS LOCATION						WOOD	
9	EXIST. TO BE RELOCATED TO THIS LOCATION						WOOD	
10	EXIST. TO BE RELOCATED TO THIS LOCATION						WOOD	
11	EXIST. TO BE RELOCATED TO THIS LOCATION						WOOD	
12	3'-0" x 1'-0"	1-3/4"	S.C. WOOD	STAIN			WOOD	SEE NOTES 1 AND 3
13	REPLACE LOCKSET DUE TO WORN FINISH							

- NOTES:**
- NEW DOORS TO MATCH EXISTING HEIGHT (ASSUMED 1') CONTRACTOR TO VERIFY PRIOR TO ORDERING.
 - ALL DOORS WITHOUT A DOOR MARK ARE EXISTING TO REMAIN.
 - NEW DOOR HARDWARE TO MATCH EXISTING. VERIFY LOCKSETS REQUIRED WITH TENANT (ADA APPROVED).

CODE REQUIREMENTS FOR INTERIOR FINISHES/DOOR HARDWARE AND THRESHOLDS
 INTERIOR FLOOR FINISHES (EXCEPT OF A TRADITIONAL TYPE, SUCH AS WOOD, VINYL, LINOLEUM OR TERRAZZO, AND RESILIENT FLOOR COVERING MATERIALS WHICH ARE NOT COVERED BY FIBERS) SHALL COMPLY WITH THE FOLLOWING: CLASS I OR II MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH NFPA 253 AND IDENTIFIED BY A HANG TAG OR OTHER SUITABLE METHOD SO AS TO IDENTIFY THE MANUFACTURER OR SUPPLIER AND STYLE AND SHALL INDICATE THE INTERIOR FLOOR FINISH OR FLOOR COVERING CLASSIFICATION. CARPET - TYPE FLOOR COVERINGS SHALL BE TESTED AS PROPOSED FOR USE, INCLUDING UNDERLAYMENT. TEST REPORTS CONFIRMING THE INFORMATION PROVIDED IN THE MANUFACTURER'S PRODUCT IDENTIFICATIONS SHALL BE FURNISHED TO THE BUILDING OFFICIAL UPON REQUEST. COMBUSTIBLE MATERIALS INSTALLED IN OR ON FLOORS OF BUILDINGS OF TYPE I OR II CONSTRUCTION SHALL CONFORM WITH FBC 804.4 - 2007 ALL SECTIONS.
 THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.



design associates inc.

MB DESIGN ASSOCIATES, INC.
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 email: tjmarist@aol.com

D. WILLIAM BEEBE, #AR0004073
 QUALIFIER FOR MB DESIGN ASSOCIATES, INC.

DATE: _____

THE FOLLOWING CODES WERE USED IN THE DESIGN OF THIS PROJECT:
 (INCLUDING 2009 AMENDMENTS)
 2007 FLORIDA BUILDING CODE
 EXISTING BUILDING, BUILDING, PLUMBING, FUEL GAS, MECHANICAL AND TEST PROTOCOLS FOR HIGH VELOCITY HURRICANE ZONES
 2008 NATIONAL ELECTRICAL CODE NFPA 70
 2007 FLORIDA FIRE PREVENTION CODE (INCLUDING NFPA 2008 EDITIONS)

PROJECT NAME/LOCATION:

CREDIT MAX
 1555 Palm Beach Lakes Blvd.
 SUITE 200
 West Palm Beach, FL

I (WE) HAVE REVIEWED THESE DRAWINGS, UNDERSTAND THE WORK OUTLINED THEREON, AND HEREBY APPROVE SAME FOR CONSTRUCTION.

BY: _____

DATE: _____

THESE DRAWINGS ARE BASED ON EXISTING DRAWINGS WHEN AVAILABLE. FIELD INSPECTION OF AS BUILT CONDITIONS AND OTHER INFORMATION FROM THE BUILDING OWNER, MAINTENANCE DEPARTMENT AND AS NOTED. INFORMATION WAS GATHERED WITHOUT "DESTRUCTIVE INVESTIGATION" (CUTTING INTO EXISTING SURFACES TO REVEAL STRUCTURE, PIPING, DUCTWORK, ETC). CONTRACTORS AND SUBCONTRACTORS ARE TO BASE BIDS ON INFORMATION SHOWN. SHOULD CONSTRUCTION REVEAL THAT EXISTING CONDITIONS ARE NOT AS ANTICIPATED OR AS SHOWN ON THESE DRAWINGS THE CONTRACTOR AND/OR SUBCONTRACTORS WILL NOTIFY THE OWNER/OWNER'S REPRESENTATIVE OF THE DIFFERENCE AND THE PRICE WILL BE ADJUSTED UP OR DOWN TO REFLECT THE DISCREPANCY.

JOB #: CREDIT MAX

DATE: 11-8-2010

SCALE: VARIES

DRAWN BY: MB

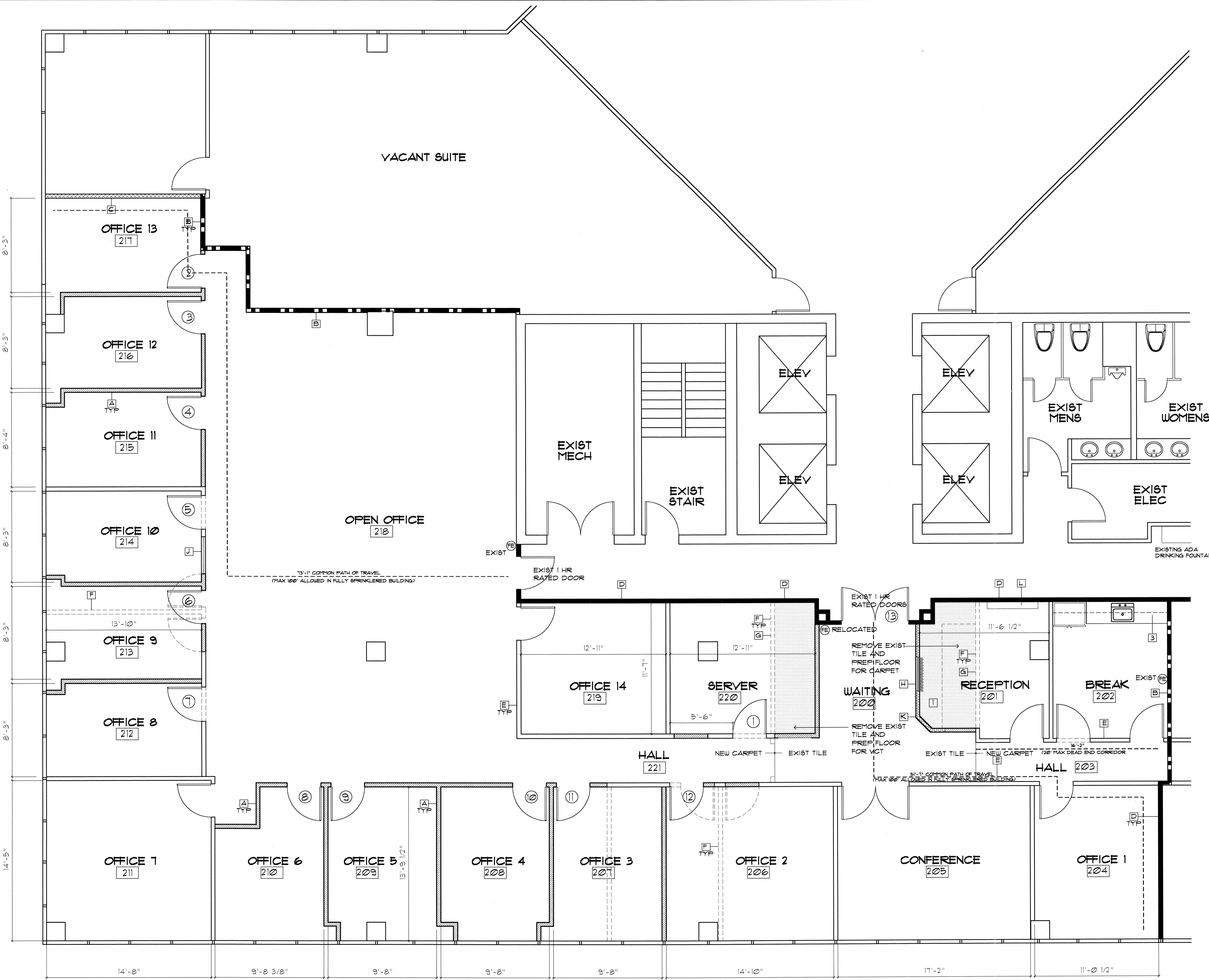
ISSUED: _____

REVISIONS: _____

SHEET NO:

A = 1

OF 2



WALL LEGEND:

- [A] NEW WALL - SEE SECTION 1/A-1
- [B] NEW 1 HR RATED WALL - SEE SECTION 2/A-1
- [C] NEW MODIFIED 1 HR RATED WALL SECTION 3/A-1
- [D] EXISTING 1 HR RATED WALL - REMOVE GYP BD AS REQ FOR NEW ELEC, ETC AND REPLACE AS REQ TO MAINTAIN RATING
- [E] EXISTING WALL TO REMAIN
- [F] EXISTING WALLS/DOORS TO BE REMOVED. PROTECT ALL SURFACES THAT ARE TO REMAIN. REMOVE ALL ELECTRICAL IN WALLS THAT ARE TO BE REMOVED AND "SAFE OFF" AS REQUIRED. RE-FEED REMAINING AS REQUIRED. REMOVE ALL UNUSED WIRE AND CONDUITS ABOVE CEILING. PATCH ALL REMAINING SURFACES READY FOR FINISH.
- [G] LEAVE HEADER AT 2" BELOW CEILING.
- [H] OPENING TO BE 36" WIDE WITH 1/4" FIXED TEMP GLASS WINDOW. BOTTOM @ 3" AFF - TOP @ 1" AFF - ADD WOOD CASING BOTH SIDES
- [J] NEW 42" WIDE WINDOW IN WOOD CASING FRAME WITH 1/2" TEMPERED GLASS. WINDOW TO BE 36" AFF - TOP TO MATCH DOOR HEIGHT.
- [K] EXISTING LOW WALL BELOW TRANSACTION TOP TO BE EXTENDED TO UNDERSIDE OF EXISTING CEILING. REMOVE TRANSACTION TOP (SEE J ABOVE FOR WINDOW)
- [L] REMOVE ALL EXISTING PHONE EQUIP/PHONE BOARD - PATCH WALL READY FOR PAINT.

KEY NOTES

- 1 EXISTING COUNTERTOP TO BE REMOVED
- 2 1 1/2" WIDE BOX/BOXFILE FED WOOD CONSTRUCTION - PLASTIC LAMINATE ON ALL EXPOSED EXPOSED SURFACES
- 3 MODIFY (CUT DOWN) EXISTING BASE/UPPER CABINETRY AND COUNTERTOP WHERE NEW WALL IS INSTALLED

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

NORTH

4304 U.S.F.



space planning and architecture

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D. WILLIAM BEEBE, #AR0004073
 QUALIFIER FOR MB DESIGN ASSOCIATES, INC.

DATE: _____

THE FOLLOWING CODES WERE USED IN THE DESIGN OF THIS PROJECT:
 2007 FLORIDA BUILDING CODE (INCLUDING 2009 AMENDMENTS)
 EXISTING BUILDING, BUILDING, PLUMBING, FUEL GAS, MECHANICAL AND TEST PROTOCOLS FOR HIGH VELOCITY HURRICANE ZONES
 2008 NATIONAL ELECTRICAL CODE NFPA 70
 2007 FLORIDA FIRE PREVENTION CODE (INCLUDING NFPA 2006 EDITIONS)

PROJECT NAME/LOCATION:

CREDIT MAX
 1555 Palm Beach Lakes Blvd.
 SUITE 200
 West Palm Beach, FL

I (WE) HAVE REVIEWED THESE DRAWINGS, UNDERSTAND THE WORK OUTLINED THEREON, AND HEREBY APPROVE SAME FOR CONSTRUCTION.

BY: _____

DATE: _____

THESE DRAWINGS ARE BASED ON EXISTING DRAWINGS WHEN AVAILABLE, FIELD INSPECTION OF AS BUILT CONDITIONS AND OTHER INFORMATION FROM THE BUILDING OWNER, MAINTENANCE DEPARTMENT AND AS NOTED. INFORMATION WAS GATHERED WITHOUT "DESTRUCTIVE INVESTIGATION" (CUTTING INTO EXISTING SURFACES TO REVEAL STRUCTURE, PIPING, DUCTWORK, ETC). CONTRACTORS AND SUBCONTRACTORS ARE TO BASE BIDS ON INFORMATION SHOWN. SHOULD CONSTRUCTION REVEAL THAT EXISTING CONDITIONS ARE NOT AS ANTICIPATED OR AS SHOWN ON THESE DRAWINGS THE CONTRACTOR AND/OR SUBCONTRACTORS WILL NOTIFY THE OWNER/TENANT OF THE DIFFERENCE AND THE PRICE WILL BE ADJUSTED UP OR DOWN TO REFLECT THE DISCREPANCY.

JOB #: CREDIT MAX

DATE: 11-8-2010

SCALE: VARIES

DRAWN BY: MB

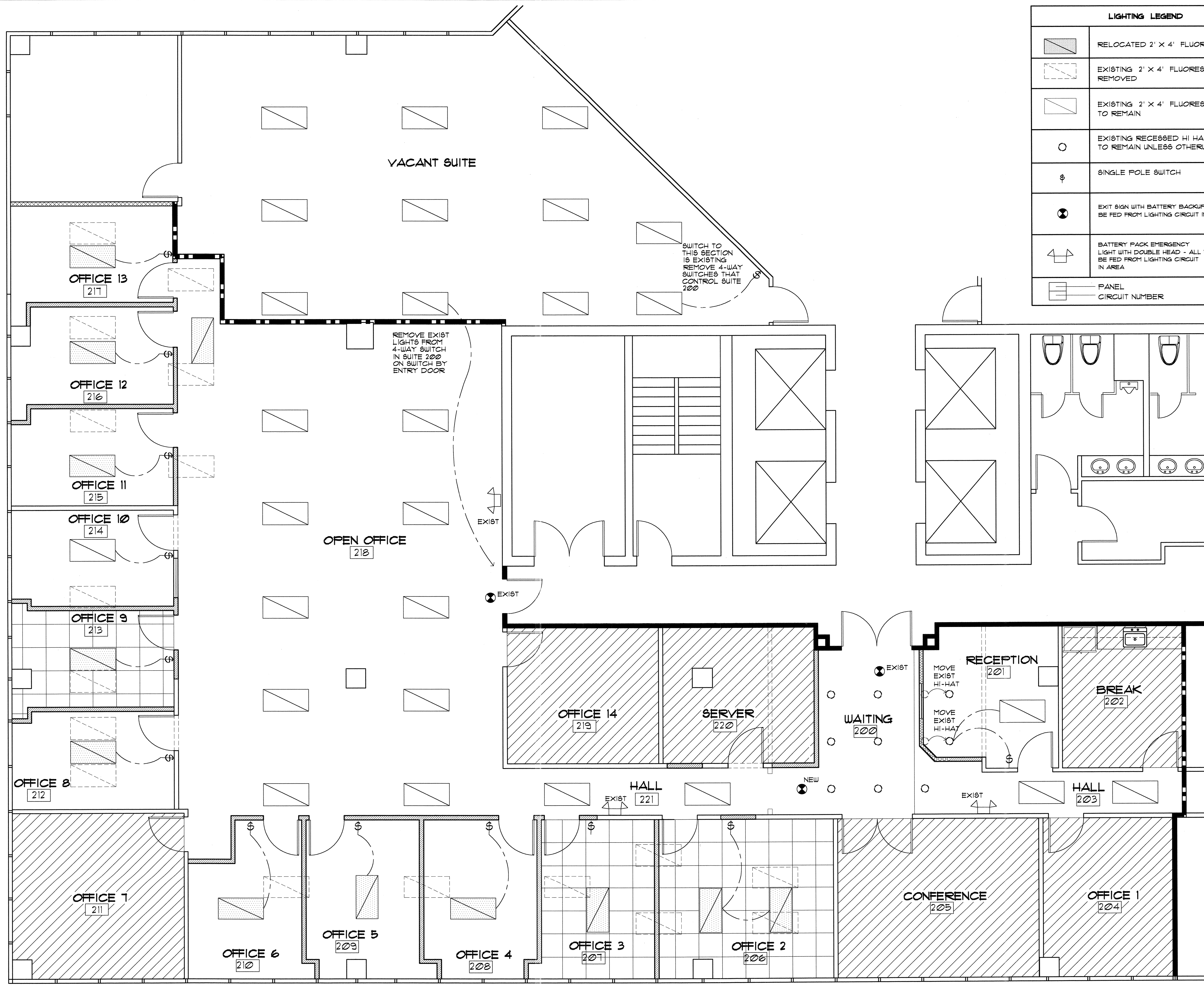
ISSUED: _____

REVISIONS: _____

SHEET NO:

1
 OF 1

LIGHTING LEGEND	
	RELOCATED 2' X 4' FLUORESCENT FIXTURE
	EXISTING 2' X 4' FLUORESCENT FIXTURE REMOVED
	EXISTING 2' X 4' FLUORESCENT FIXTURE TO REMAIN
	EXISTING RECESSED HI HATS TO REMAIN UNLESS OTHERWISE NOTED
	SINGLE POLE SWITCH
	EXIT SIGN WITH BATTERY BACKUP - ALL MUST BE FED FROM LIGHTING CIRCUIT IN AREA
	BATTERY PACK EMERGENCY LIGHT WITH DOUBLE HEAD - ALL MUST BE FED FROM LIGHTING CIRCUIT IN AREA
	PANEL
	CIRCUIT NUMBER



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

NORTH

4304 U.S.F.

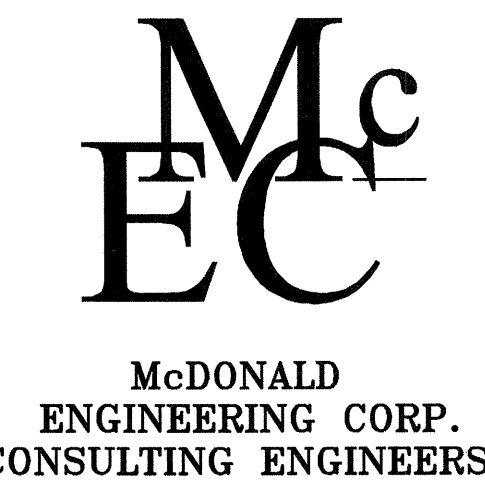
PANEL SCHEDULE "LC"																						
WIRE SIZE	NON-CONT.	CONT.	PH. A.	PH. B.	PH. C.	DESCRIPTION	CBL. NO.	PHASE	AMP.	A	B	C	AMP.	PHASE	CBL. NO.	DESCRIPTION	PH. A.	PH. B.	PH. C.	CONT.	NON-CONT.	WIRE SIZE
#10	X		4.5			OFFICE DUP. RECEPTS - ROOM 201	1	1	20	X			20	1	2	OFFICE DUP. RECEPTS - ROOM 218	4.5				X	#10
#10	X		12.0			MICROWAVE OUTLET RM. 202	3	1	20	X			20	1	4	OFFICE DUP. RECEPTS - ROOM 216 & 217	4.5	4.5			X	#10
#10	X			7.5		OFFICE DUP. RECEPTS - ROOM 206	5	1	20	X	X		20	1	6	OFFICE DUP. RECEPTS - ROOM 214 & 215			6.0		X	#10
#10	X		7.5			OFFICE DUP. RECEPTS - ROOM 207 & 208	7	1	20	X			20	1	8	OFFICE DUP. RECEPTS - ROOM 213 & 212	4.5				X	#10
#10	X			7.5		OFFICE DUP. RECEPTS - RMS 206, 209 & 210	9	1	20	X			20	2	10	SPECIAL PURPOSE OUTLET RM. 220			10		X	#10
						SPARE	11	1	20						12						X	#10
						SPARE	13	1	20	X			20	1	14	SPARE						
						SPARE	15	1	20	X			20	1	16	SPARE						
						SPARE	17	1	20	X			20	1	18	SPARE						
			12	20	8														9	15	16	
120	/	208	SYSTEM VOLTAGE			THREE PHASE	4	-WIRE	100% NEUTRAL													
100	AMP.		100 AMPERE MAIN CIRCUIT BREAKER			COPPER BUSES			10,000 A.I.C. RATED PANEL													
			LOAD SUMMARY PHASE "A"			21	AMP		2520	VOLT-AMP												
			LOAD SUMMARY PHASE "B"			34.0	AMP		4080	VOLT-AMP												
			LOAD SUMMARY PHASE "C"			23.5	AMP		2820	VOLT-AMP												
								9420	VOLT-AMP													
									AVERAGE CONNECTED PER PHASE			28	Amps.									

KEYNOTES - ELECTRICAL

- EXISTING PANEL "H" 480V 3 PHASE 4 WIRE 225 AMPERE PANEL; FED FROM A 200 AMPERE DISCONNECT SWITCH. DOCUMENTS PROVIDED BY CLIENT INDICATE A CURRENT CONNECTED LOAD OF 128.0KVA (155 AMPS). FURNISH AND INSTALL A THREE POLE 45 AMP. BRANCH CIRCUIT BREAKER IN EXISTING BLANK/SPARE SPACE; TO FEED THE ADDED STEP-DOWN TRANSFORMER. (ADDED CONNECTED LOAD 9 KVA).
- FURNISH AND INSTALL A FEEDER CIRCUIT 1" C 3#6, 1#10G FROM THE PANEL "H" TO THE LOCAL DISCONNECT SWITCH ADJACENT TO THE ADDED TRANSFORMER. THE CONDUIT RUN SHALL BE CONCEALED AND THE ROUTE APPROVED, BY THE CLIENT, PRIOR TO ROUGHING IN.
- FURNISH AND INSTALL A THREE POLE 60 AMPERE FUSIBLE DISCONNECT SWITCH WITH 45 AMPERE FUSES TO FEED THE PRIMARY OF THE ADDED PAD MOUNTED STEP-DOWN TRANSFORMER.
- FURNISH AND INSTALL A 30 KVA DRY TYPE PAD MOUNTED TRANSFORMER (480 3 PH. DELTA PRIMARY AND 208/120 3 PH. 4 W. WYE SECONDARY) AS INDICATED. THE CONTRACTOR SHALL GROUND THE SECONDARY OF THE TRANSFORMER TO THE BUILDING STEEL AND IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLE 250.
- FURNISH AND INSTALL A FEEDER CIRCUIT 1-1/4" C 3#3, 1#8G FROM THE TRANSFORMER TO THE ADDED PANEL "LC". THE LENGTH OF THE FEEDER FROM THE TRANSFORMER TO THE PANEL SHALL NOT EXCEED 10 FEET IN CABLE LENGTH.
- FURNISH AND INSTALL NEW PANEL "LC"; SEE PANEL SCHEDULE THIS SHEET FOR ADDITIONAL DETAILS.

GENERAL ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2008 NATIONAL ELECTRICAL CODE, FLORIDA BUILDING CODE 2007 (WITH 2009 ADDENDUM), THE NATIONAL FIRE CODES, AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
- THE CONTRACTOR SHALL THOROUGHLY REVIEW THE PROJECT TO ENSURE THAT ALL WORKS SHALL MEET OR EXCEED THE ABOVE REQUIREMENTS. ANY ALLEGED DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO BID.
- THE CONTRACTOR SHALL THOROUGHLY REVIEW THE ARCHITECTURAL AND MECHANICAL PLANS TO ASSURE THAT ELECTRICAL SERVICE FOR ALL ITEMS AND/OR EQUIPMENT REQUIRING ELECTRICAL SERVICE IS INCLUDED IN BID. ANY ITEM AND/OR EQUIPMENT NOT PROVIDED WITH ELECTRICAL SERVICE, REQUIRING ELECTRICAL SERVICE, SHALL BE BROUGHT TO THE OWNER'S ATTENTION PRIOR TO BID.
- THE CONTRACTOR IS DIRECTED TO OBTAIN COPIES OF ALL RELATED PLANS, SPECIFICATIONS, SHOP DRAWINGS AND ADDENDUM TO COORDINATE THE RELATED WORK AND SCHEDULING.
- THE DRAWINGS ARE INTENDED TO BE DRAWN TO SCALE BUT ARE NOT INTENDED TO BE SCALED. ALL ELECTRICAL OUTLETS SHALL BE LOCATED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE; ESPECIALLY ARTICLE 210.
- THE CONTRACTOR IS REMINDED THAT ELECTRICAL SERVICE TO AND FOR MECHANICAL AND OTHER EQUIPMENT ARE BASED ON EQUIPMENT DESIGN DATA. THE VALUES MAY DIFFER DEPENDING UPON THE ACTUAL EQUIPMENT TO BE FURNISHED; ANY MODIFICATION TO THE ELECTRICAL BASED UPON ACTUAL EQUIPMENT SELECTION, SHALL RESULT IN NO ADDITIONAL COST TO THE OWNER.
- MECHANICAL AND ELECTRICAL EQUIPMENT HAVE BEEN LOCATED AND ARRANGED TO MINIMIZE THE INTERFERENCE OF EQUIPMENT AND STRUCTURE. THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE WORK TO BE PERFORMED BY OTHER TRADES AND THE PHYSICAL CHARACTERISTICS OF THE STRUCTURE; IN ORDER TO SCHEDULE AND INSTALL EQUIPMENT TO MINIMIZE ANY POSSIBLE INTERFERENCE. FAILURE TO PROPERLY COMMUNICATE AND SCHEDULE WORK WITH OTHER TRADES RESULTING IN ADDITIONAL WORK AND MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL SPECIFICALLY VERIFY THE OPERATING VOLTAGES OF ALL ELECTRICAL EQUIPMENT MATCHES SYSTEM BRANCH CIRCUIT OPERATING VOLTAGE PRIOR TO INSTALLATION.
- ALL CONDUCTOR METAL SHALL BE COPPER WITH 600 VOLT INSULATION; TYPE THW, THHN/THWN, OR THW/THHN/THWN. (MINIMUM SIZE SHALL BE #12 AWG.)
- ELECTRICAL OUTLETS AND RECEPTACLES SHALL BE CIRCUITED IN FULL COMPLIANCE WITH THE LOCAL AUTHORITY HAVING JURISDICTION; ALL LOCAL CODES AND ORDINANCES, AND THE NATIONAL ELECTRICAL CODE. CIRCUITS SHALL NOT BE FULLY LOADED TO QUANTITY AND/OR CAPACITY PERMITTED BY THE ABOVE NAMED AUTHORITIES BUT PROVIDE FOR A MINIMUM OF 20% SPARE IN EACH PANEL.
- ALL PANELS, PANELBOARDS, SWITCHBOARDS, ETC. BUSS BAR METAL SHALL BE COPPER.
- ALL CONDUITS/RACEWAYS RUNS SHALL BE CONCEALED UNLESS SPECIFICALLY NOTED OTHERWISE.
- MINIMUM TRADE SIZE CONDUIT PERMITTED SHALL BE 1/2 INCH UNLESS OTHERWISE NOTED.
- THE PLANS INDICATE THE DESIRED ARRANGEMENT AND GENERAL LOCATIONS OF THE LIGHT FIXTURES. THE ARCHITECTURAL PLANS INDICATE ADDITIONAL DATA AS TO THE FINAL FIXTURE PLACEMENT.
- ALL LIGHT SWITCHES AND DUPLEX RECEPTACLES SHALL BE DECORA TYPE RATED FOR 20 AMPERE, WITH LIGHT SWITCHES RATED AT 277 VOLTS AC, DUPLEX RECEPTACLES RATED AT 120 VOLTS AC.
- ALL ELECTRICAL WIRING SHALL BE INSTALLED IN CONDUIT. LOW VOLTAGE COMMUNICATION CABLES FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER THIS SCOPE OF WORK SHALL BE INSTALLED IN CONDUIT. (ARMORED CABLE MAY BE CONSIDERED, IF ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION, THE OWNER AND ITS INSTALLATION IS IN FULL COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE, ALL ORDINANCES, ETC.)
- ALL SPECIAL PURPOSE OUTLETS SHALL BE PROVIDED TO MATCH EQUIPMENT TO BE SUPPLIED.
- ALL CONDUITS SHALL HAVE A SEPARATE GREEN GROUND CONDUCTOR INSTALLED FOR GROUNDING.
- ELECTRICAL OUTLETS WITH GROUND-FAULT CIRCUIT-INTERRUPTION SHALL BE PROVIDED IN ALL LOCATIONS REQUIRED BY THE NATIONAL ELECTRICAL CODE, WHETHER SHOWN OR NOT; IF NOT SHOWN, INCLUDE IN BID.
- "ARC FLASH WARNING LABELS": ANY EQUIPMENT INSTALLED AFTER UNDER THIS CONTRACT SHALL BE LABELLED. FOR EQUIPMENT INSTALLED PRIOR TO THIS CONTRACT, LABELING MUST BE APPLIED IF ANY MODIFICATIONS OR UPGRADES TAKE PLACE.
- WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED TO THE BUILDING OWNER, INCLUDING A SINGLE-LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM INCLUDING FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION. DRAWINGS OF THE ELECTRICAL DISTRIBUTION SYSTEM SHALL INCLUDE AN OPERATING MANUAL AND MAINTENANCE MANUAL WITH SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED. PROVIDE THE NAME AND ADDRESS OF AT LEAST ONE QUALIFIED SERVICE AGENCY AND PROVIDE A BLANK FOR NUMBERING CONSISTENCY OF PERFORMANCE CALCULATION PROCEDURES.



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Palm Beach Gardens, Florida 33410
(561) 625-6640

AARON McDONALD, P.E.
FLORIDA P.E. NO. 25198
ELECTRICAL ENGINEER CERT.
OF AUTHORIZATION 8522

THE FOLLOWING CODES WERE USED IN THE DESIGN OF THIS PROJECT:

- 2004 FLORIDA BUILDING CODE - BUILDING, PLUMBING, FUEL GAS, MECHANICAL AND TEST PROTOCOLS FOR ZONES HIGH VELOCITY HURRICANE
- 2002 NATIONAL ELECTRICAL CODE NFPA 70
- 2004 FLORIDA FIRE PREVENTION CODE (INCLUDING NFPA 1 AND 101 2003 EDITIONS)

PROJECT NAME/LOCATION:

CREDIT MAX
1555 Palm Beach Lakes Blvd.
SUITE 200
West Palm Beach, FL

I (WE) HAVE REVIEWED THESE DRAWINGS, UNDERSTAND THE WORK OUTLINED THEREON, AND HEREBY APPROVE SAME FOR CONSTRUCTION.

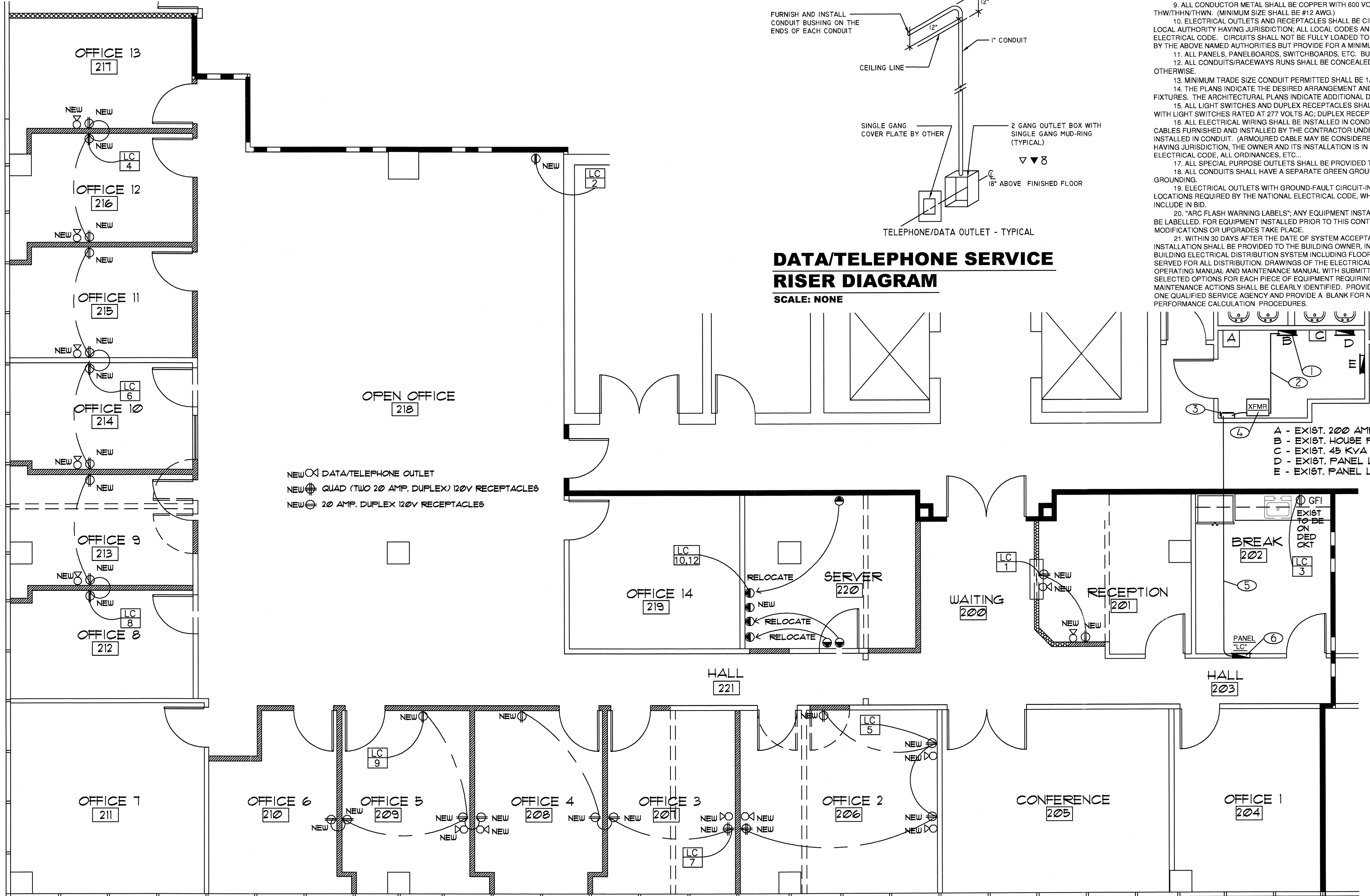
BY: _____
DATE: _____

JOB #: CREDIT MAX 2010.22
DATE: 11/15/2010
SCALE: VARIES
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1 OF 1

McDONALD ENGINEERING CORP.
2010.22
DATE: Nov. 15, 2010

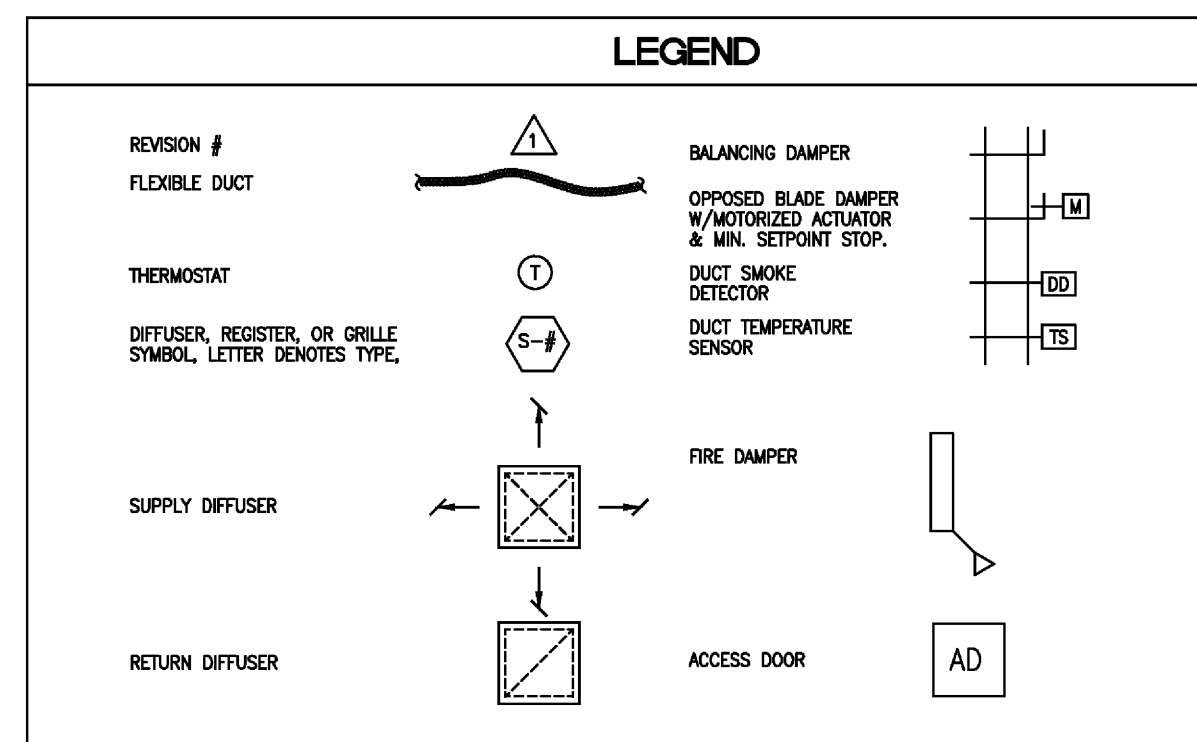
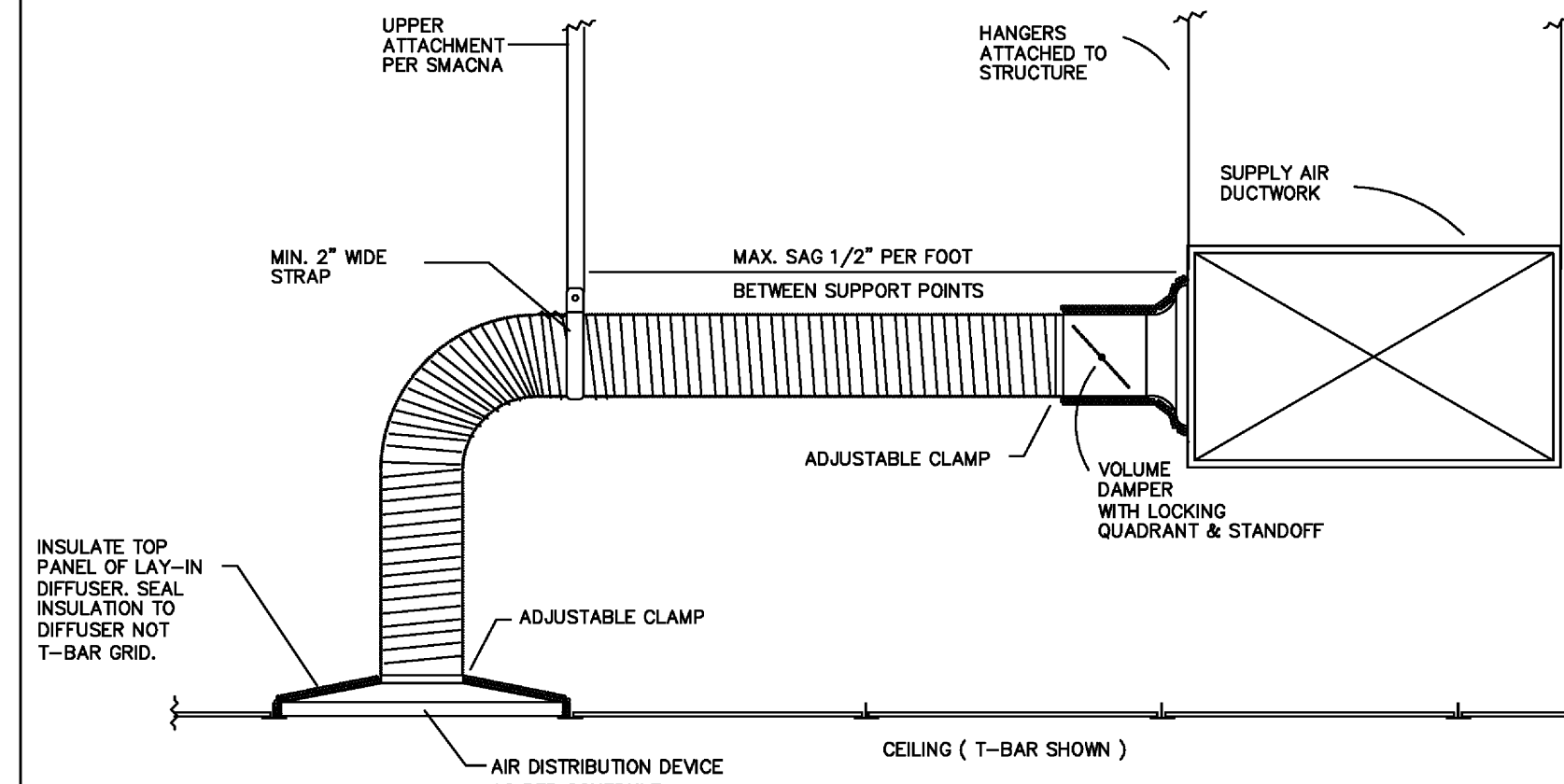


ELECTRICAL POWER AND COMMUNICATION PLAN
SCALE: 1/4" = 1' 0"

NOTES AND SPECIFICATIONS

1. THE MECHANICAL CONTRACTOR SHALL COMPLY WITH THE 2004 FLORIDA BUILDING CODE, THE STATE OF FLORIDA ENERGY CODE, AND ALL LOCAL CODES AS MAY BE APPLICABLE. SIX SHOP DRAWING SUBMITTALS OF ALL MAJOR EQUIPMENT SHALL BE REQUIRED FOR APPROVAL PRIOR TO ORDERING AND PROCUREMENT OF SAME.
2. MECHANICAL PLANS ARE DIAGRAMMATIC ONLY. THEY ARE INTENDED TO INDICATE CAPACITY, SIZE, LOCATION, DIRECTION, AND GENERAL ARRANGEMENT, BUT NOT EXACT DETAILS OF CONSTRUCTION. THE FACT THAT ONLY CERTAIN FEATURES OF THE INSTALLATION ARE INDICATED MUST NOT BE TAKEN TO MEAN THAT OTHER SIMILAR OR DIFFERENT FEATURES WILL NOT BE REQUIRED. ALL RISES AND DROPS IN PIPING AND DUCTWORK NOT NECESSARILY SHOWN.
3. WORK SHALL INCLUDE ALL LABOR, MATERIALS, PERMITS AND OTHER COSTS AS ARE NECESSARY FOR THE INSTALLATION OF A COMPLETE AND SATISFACTORY OPERATIONAL AIR CONDITIONING SYSTEM.
4. THIS CONTRACTOR SHALL COORDINATE WITH THE OTHER CONTRACTORS TO INSURE THAT EACH TRADE SHALL HAVE SUFFICIENT SPACE TO INSTALL THEIR EQUIPMENT (DUCTWORK, PIPING, ELECTRICAL, ETC.).
5. FIELD VERIFY ALL CRITICAL DIMENSIONS.
6. UNLESS NOTED, ALL MATERIALS SHALL BE NEW, COMPLETE, SHALL INCLUDE MANUFACTURER'S WARRANTY, AND BE U.L. APPROVED IF APPLICABLE. ALL WORK SHALL PRESENT A NEAT MECHANICAL APPEARANCE WHEN COMPLETED.
7. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL STRUCTURAL STEEL FOR CURBS AND BASES FOR ALL EQUIPMENT AS SHOWN ON PLAN. THIS CONTRACTOR SHALL CONFIRM ALL CURB REQUIREMENTS AND THEIR SIZES.
8. EQUIPMENT AS PER SCHEDULED LIST OF ACCEPTABLE MANUFACTURERS:
A/C EQUIPMENT: TRANE, OR APPROVED EQUAL
A/C GRILLES: AIR GUIDE, MAMI TECH, METALAIR, TITUS, KRUEGER.
9. ALL EQUIPMENT SHALL BE STARTED, TESTED, ADJUSTED AND BALANCED FOR AIR DELIVERY AS INDICATED ON THE PLANS, AND PLACED IN SATISFACTORY OPERATIONAL CONDITION BY THE MECHANICAL CONTRACTOR. THIS CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP, MATERIALS AND EQUIPMENT TO BE FREE OF DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF CERTIFICATE OF OCCUPANCY. THIS IS IN ADDITION TO ANY WARRANTY OR GUARANTEE FROM THE EQUIPMENT MANUFACTURER. FURNISH THE OWNER WITH THE MANUFACTURER'S WRITTEN WARRANTY CERTIFICATES.
10. ALL EQUIPMENT SHALL BE PROPERLY SUPPORTED AND ISOLATED TO PREVENT NOISE AND VIBRATION TRANSMISSION.
11. ALL EQUIPMENT SHALL BE INSTALLED WITH ADEQUATE CLEARANCES FOR FILTER REMOVAL, REPAIR, AND MAINTENANCE. ALL PIPING AND DUCTWORK SHALL BE INSTALLED TO PROVIDE ADEQUATE CLEARANCE FOR ACCESS TO ALL EQUIPMENT.
12. ELECTRICAL CONTRACTOR TO PROVIDE ALL SWITCHGEAR, CONDUITS, WIRE, ETC FOR POWER, CONDUITS AND CONTROL WIRING. HVAC CONTRACTOR TO FURNISH CONTROLS AND DO ALL CONTROL WIRING TERMINATIONS.
13. DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS. IN GENERAL, ALL PIPING AND DUCTWORK SHALL BE RUN CONCEALED IN CEILING AND PIPE SPACES PROVIDED UNLESS NOTED OR INDICATED OTHERWISE. ROUTING SHALL BE COORDINATED WITH OTHER TRADES. DO NOT INSTALL ANY DUCTWORK OR PIPING OF ANY KIND ABOVE ELECTRICAL PANEL.
14. ALL DUCTWORK, INSTALLATION AND EQUIPMENT SHALL MEET STATE OF FLORIDA ENERGY CODE REQUIREMENTS FOR LATEST CODES.
15. RIGID FIBERGLASS DUCTWORK SHALL BE EQUAL TO OWENS CORNING, MANVILLE OR KNAUFF. DUCT SHALL BE REINFORCED AND FABRICATED PER LATEST EDITION SMACNA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS. ALL JOINTS SHALL BE ASSEMBLED SHIP-LAPPED USING STAPLES AND SEALED WITH TAPE OR GLASS FABRIC AND MASTIC TO PROVIDE A LEAK-PROOF JOINTURE. FIBERGLASS DUCT IS FOR USE DOWNSTREAM OF VAV BOX ONLY. ALL HIGH PRESSURE DUCTWORK SHALL BE SHEET METAL, SEALED WITH APPROVED MASTIC, AND WITH R-6 DUCT WRAP INSULATION.
16. FLEXIBLE DUCTWORK, WHERE SHOWN ON THE DRAWINGS, SHALL BE EQUAL TO FLEXAIRE WITH WIRE HELIX FRAME, POLYESTER LINER, HIGH DENSITY FIBERGLASS INSULATION AND METALIZED REINFORCED VAPOR BARRIER EXTERIOR COVERS. PROVIDE SPIN-IN FITTINGS WITH SCOOP OR BELL MOUTH TYPE FITTINGS WITH ADJUSTABLE DAMPERS FOR ALL BRANCH TAKEOFFS. FLEXIBLE DUCTWORK SHALL BE PROPERLY SUPPORTED WITH STRAPS 1-1/2" WIDE (MIN) AND SHALL BE RUN AS STRAIGHT AS POSSIBLE WITH NO KINKS OR BENDS TO RESTRICT AIRFLOW.
17. OUTSIDE AIR AND TOILET EXHAUST DUCTWORK SHALL BE METAL FABRICATED AND INSTALLED PER SMACNA LATEST EDITION.
18. HVAC SUPPLY DIFFUSERS AND RETURN GRILLES SHALL BE WHITE FINISH, ALUMINUM CONSTRUCTION. SEE PLANS FOR THROAT CONNECTION SIZES.
19. WALL MOUNTED THERMOSTAT(S) SHALL BE INSTALLED 54" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED. THERMOSTATS TO MATCH EXISTING BUILDING STANDARD.

FLEXIBLE DUCT DETAIL NTS

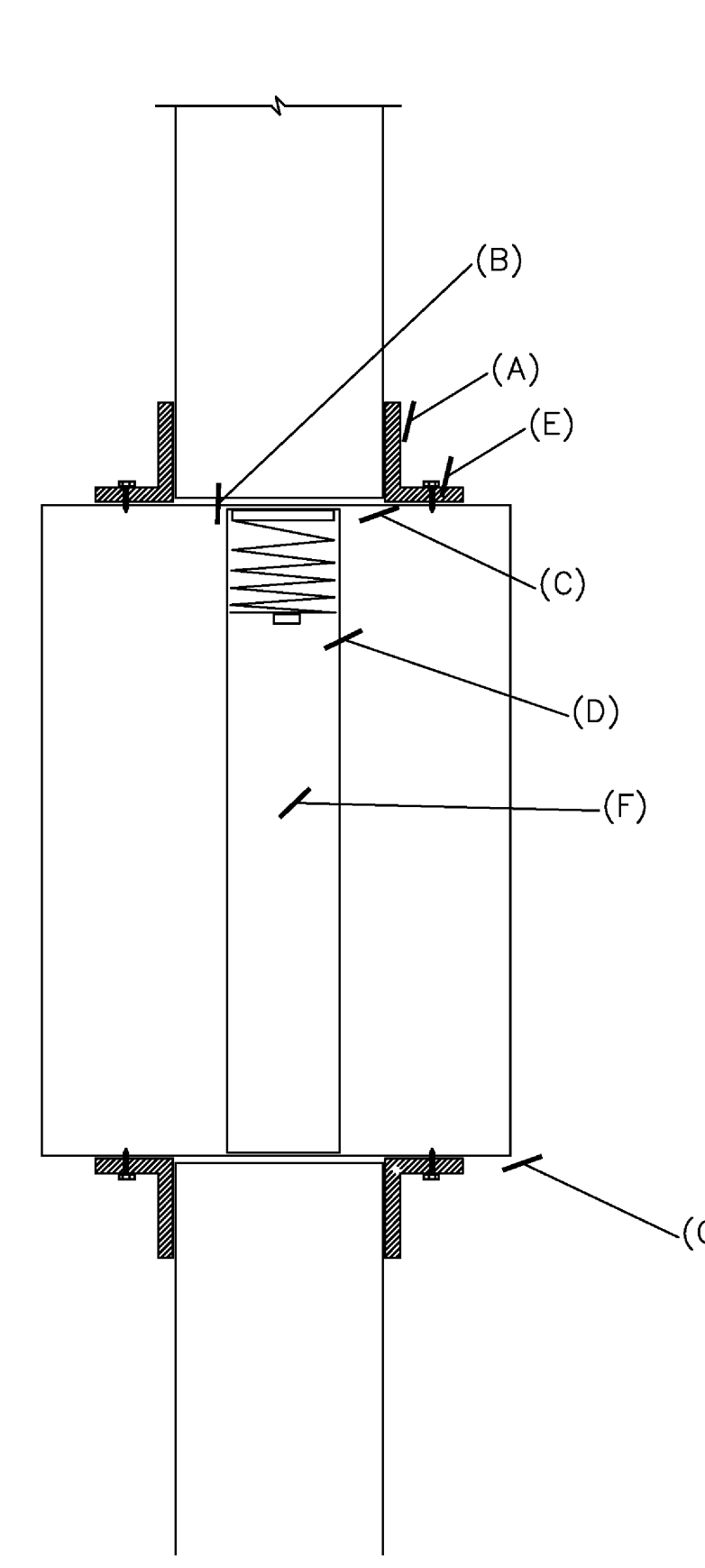


AIR DISTRIBUTION SCHEDULE

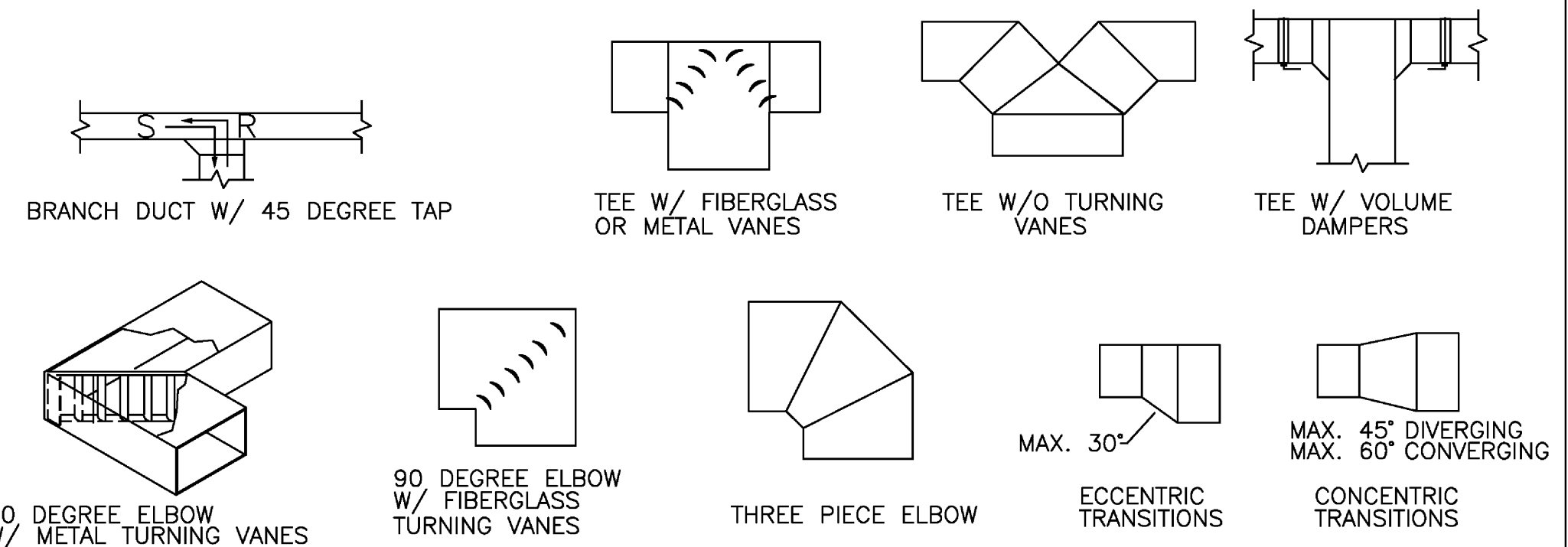
PLAN MARK	MFG.	MODEL NO.	SIZE	ACCESSORIES/NOTES
S-1	MATCH EXIST	-	24X24 4 WAY	1,3,5,6
R-1	TITUS	350FL	12X24	1,2,3 (BORDER TYPE 3)
R-2	TITUS	350FL	24X24	1,2,3 (BORDER TYPE 3)

- ACCESSORIES/NOTES
 1) T-BAR LAY-IN BORDER 3) WHITE FINISH 5) SEE PLAN FOR NECK SIZE DESIGN BASIS: TITUS OR APPROVED EQUAL
 2) OPPOSED BLADE DAMPER 4) SURFACE MOUNT 6) PROVIDE INSULATED BACKS

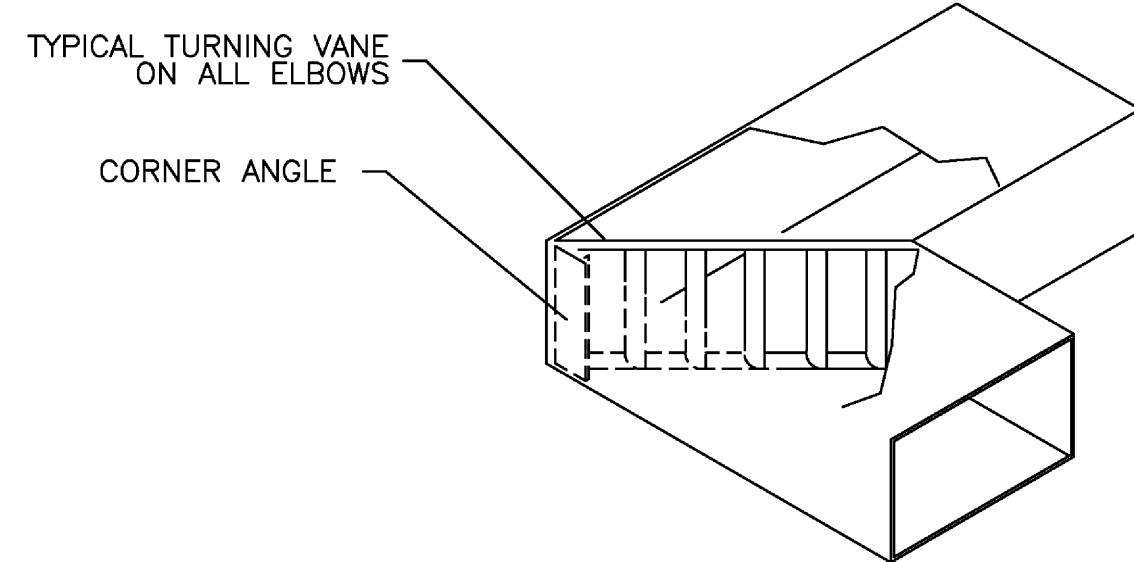
FIRE DAMPER MOUNTING DETAIL



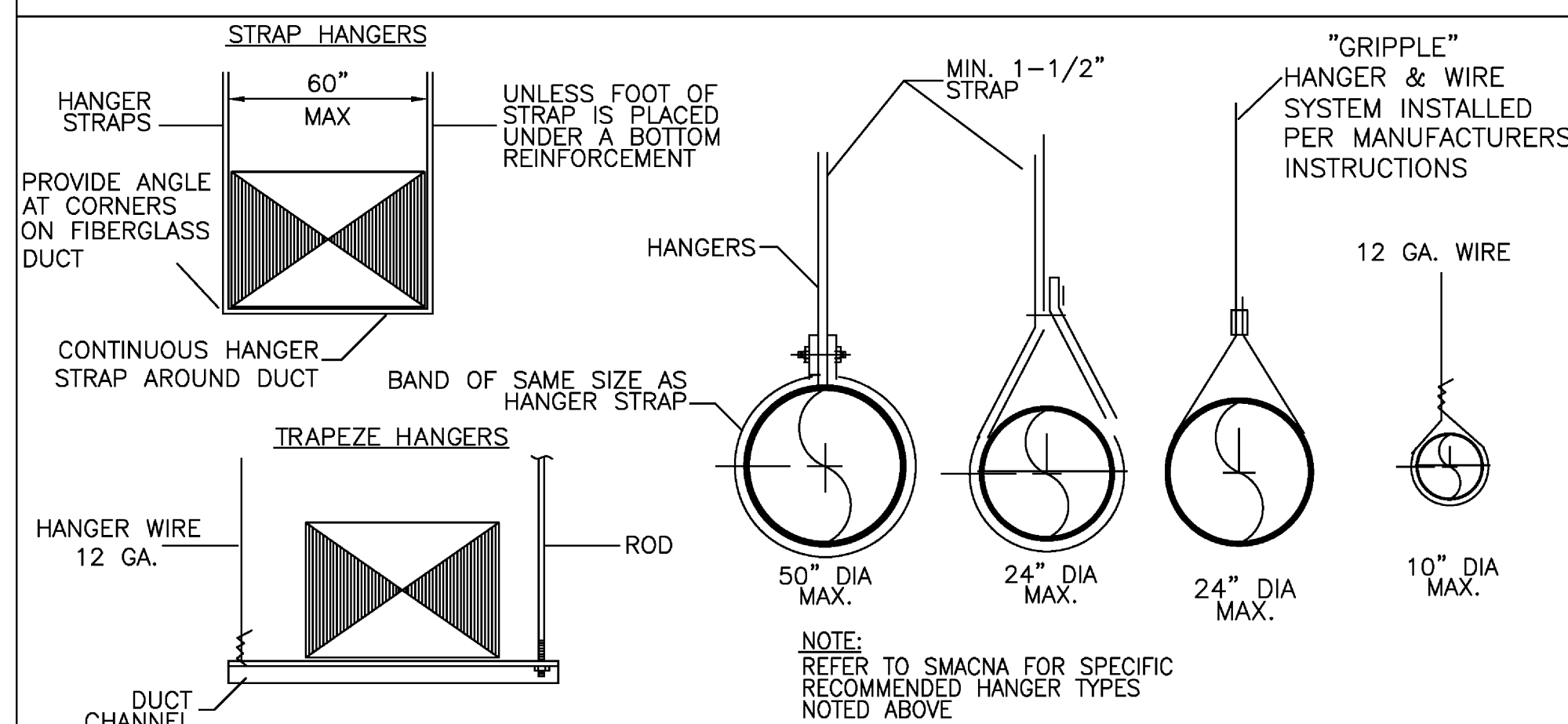
- (A) RETAINING ANGLES: MINIMUM 1-1/2" X 1-1/2" (16 GA.). RETAINING ANGLES MUST LAP STRUCTURAL OPENING 1" MINIMUM AND COVER CORNERS OF OPENINGS. FACTORY PROVIDED PICTURE FRAME ANGLES MAY BE PROVIDED IN LIEU OF THE ABOVE.
- (B) CLEARANCE : 1/8" PER LINEAR FOOT BOTH DIMENSIONS. THE SLEEVE MAY REST ON THE BOTTOM OF THE OPENING, AND NEED NOT BE CENTERED. (FRACTIONAL DIMENSIONS SHALL BE TAKEN AS THE NEXT LARGEST WHOLE FOOT.
- (C) STEEL SLEEVE: 24" MAXIMUM DIAMETER, 24" MAXIMUM HEIGHT AND 36" MAXIMUM WIDTH (16 GA.). ROUND OVER 24" DIAMETER, OVER 24" HEIGHT AND OVER 36" WIDTH (14 GA.).
- (D) APPROVED FIRE DAMPER
- (E) SECURE RETAINING ANGLES TO SLEEVE ONLY, ON 8" CENTERS WITH No. 10 STEEL SCREWS.
- (F) SECURE DAMPER TO SLEEVE ON 8" CENTERS WITH No. 10 STEEL SCREWS.
- (G) CONNECT DUCT TO SLEEVE USING APPROVED BREAKAWAY CONNECTION.
- (H) PROVIDE ACCESS DOOR IN DUCT ADJACENT TO FIRE DAMPER.



ELBOW TURNING VANE DETAIL



TYPICAL DUCT HANGER SUPPORT DETAIL



SHEET SPECIFIC MECHANICAL NOTES

- 1) EXISTING HIGH PRESSURE DUCT TO REAMIN
- 2) RELOCATE EXISTING VAV BOX AND SUPPLY DUCTS AS SHOWN.
- 3) EXISTING LOW PRESSURE SUPPLY DUCT TO REMAIN. FIELD VERIFY.
- 4) NEW SUPPLY DUCT AS SHOWN. FIELD VERIFY.
- 5) EXISTING WORK IN THIS AREA TO REMAIN EXCEPT AS OTHERWISE NOTED.
- 6) RELOCAT EXISTING GRILLE AND EXTEND/AND OR RUN NEW FLEX DUCT AS NEEDED
- 7) PROVIDE NEW SUPPLY AIR GRILLE TO MATCH BUILDING STANDARD PROVIDE NEW FLEX DUCT TO MATCH SIZE SHOWN
- 8) EXISTING VAV TO REMAIN
- 9) THERMOSTATS TO MATCH BUILDING STANDARD (TYP OF ALL)
- 10) PATCH AND SEAL ALL DUCT OPENINGS NO LONGER IN USE (TYP OF ALL)
- 11) NEW 10X10 LOW PRESSURE DUCT

Julio E. Gonzalez, PE
 P.E. Registration # 37275
 DATE

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 Consulting Engineers
 4079 NW 5TH DRIVE
 DEERFIELD BEACH, FL 33442
 Phone: (954) 851-5342
 Julio E. Gonzalez, PE
 P.E. Registration # 37275

THE FOLLOWING CODES WERE USED IN THE DESIGN OF THIS PROJECT:
 2007 FLORIDA BUILDING CODE (INCLUDING 2009 AMENDMENTS)
 EXISTING BUILDING, BUILDING, PLUMBING, FUEL GAS, MECHANICAL AND TEST PROTOCOLS FOR HIGH VELOCITY HURRICANE ZONES
 2008 NATIONAL ELECTRICAL CODE NFPA 70
 2007 FLORIDA FIRE PREVENTION CODE (INCLUDING NFPA 1 AND 101)

PROJECT NAME/LOCATION:

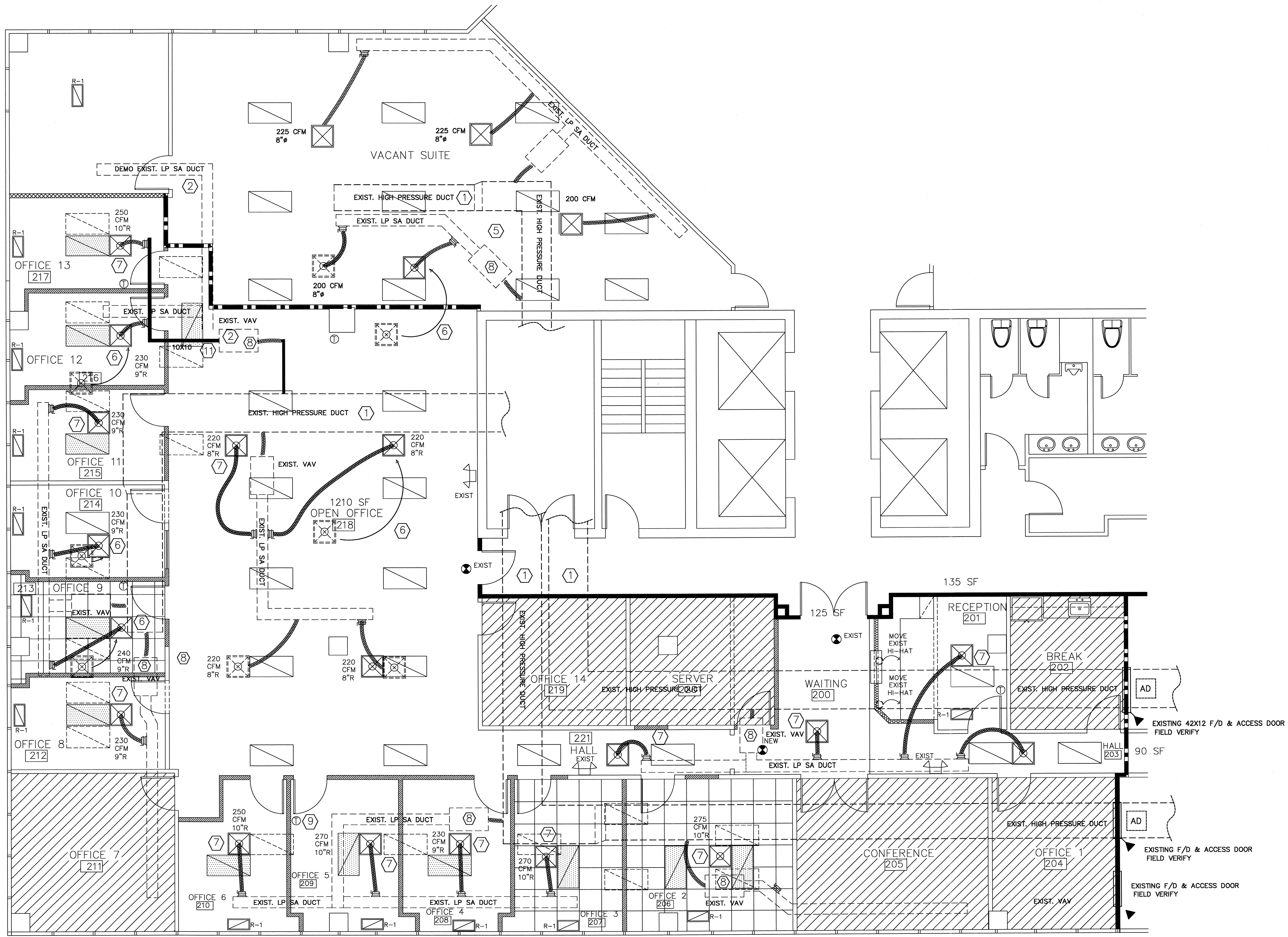
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M-1
 OF 2



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

NORTH

4304 U.S.F.

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EXISTING BUILDING, BUILDING PLUMBING, FUEL GAS, MECHANICAL AND TEST PROTOCOLS FOR HIGH VELOCITY HURRICANE ZONES
2008 NATIONAL ELECTRICAL CODE NFPA 70
2007 FLORIDA FIRE PREVENTION CODE (INCLUDING NFPA 1 AND 101 2006 EDITIONS)

PROJECT NAME/LOCATION:
CREDIT MAX
1555 Palm Beach Lakes Blvd.
SUITE 200
West Palm Beach, FL

I (WE) HAVE REVIEWED THESE DRAWINGS, UNDERSTAND THE WORK OUTLINED THEREON, AND HEREBY APPROVE SAME FOR CONSTRUCTION.

BY:
DATE:

THESE DRAWINGS ARE BASED ON EXISTING DRAWINGS WHEN AVAILABLE. FIELD INSPECTION OF AS BUILT CONDITIONS AND OTHER INFORMATION FROM THE BUILDING OWNER, MAINTENANCE DEPARTMENT AND AS NOTED. INFORMATION WAS GATHERED WITHOUT "DESTRUCTIVE INVESTIGATION" (CUTTING INTO EXISTING SURFACES TO REVEAL STRUCTURE, PIPING, DUCTWORK ETC). CONTRACTORS AND SUBCONTRACTORS ARE TO BASE BIDS ON INFORMATION SHOWN. SHOULD CONSTRUCTION REVEAL THAT EXISTING CONDITIONS ARE NOT AS ANTICIPATED OR AS SHOWN ON THESE DRAWINGS THE CONTRACTOR AND/OR SUBCONTRACTORS WILL NOTIFY THE OWNER/TENANT OF THE DIFFERENCE AND THE PRICE WILL BE ADJUSTED UP OR DOWN TO REFLECT THE DISCREPANCY.

JOB #: CREDIT MAX
DATE: 10-19-2010
SCALE: AS SHOWN
DRAWN BY: MB/BKA

ISSUED: REVISIONS:

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M-2
OF 2