



DEPARTMENT OF FACILITIES MANAGEMENT

1907 SOUTH MONROE STREET
TALLAHASSEE, FLORIDA 32301
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TENANT IMPROVEMENTS SUITE 105 & 200

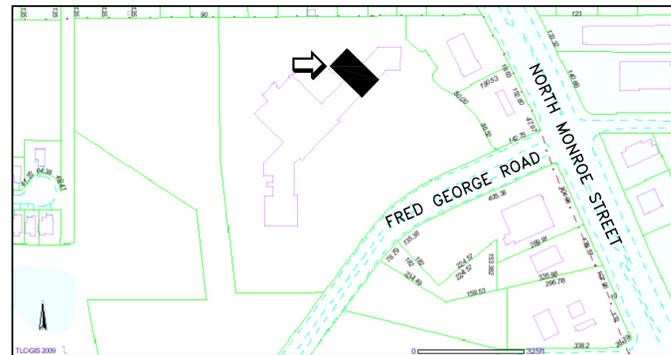
LAKE JACKSON TOWN CENTER AT HUNTINGTON
3840 N. MONROE ST.
TALLAHASSEE, FL
083001.06
03/19/2013

INDEX OF DRAWINGS

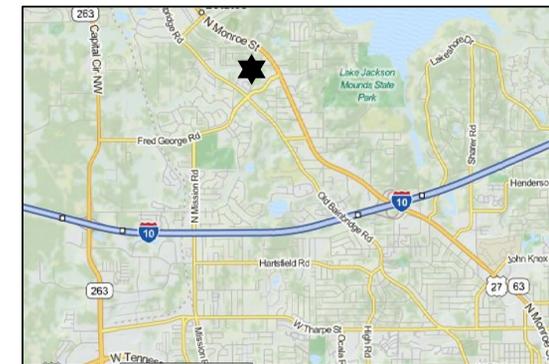
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Lake Jackson Town Center at Huntington Tenant Fit-Out - Suite 200 & 105

TALLAHASSEE, FLORIDA



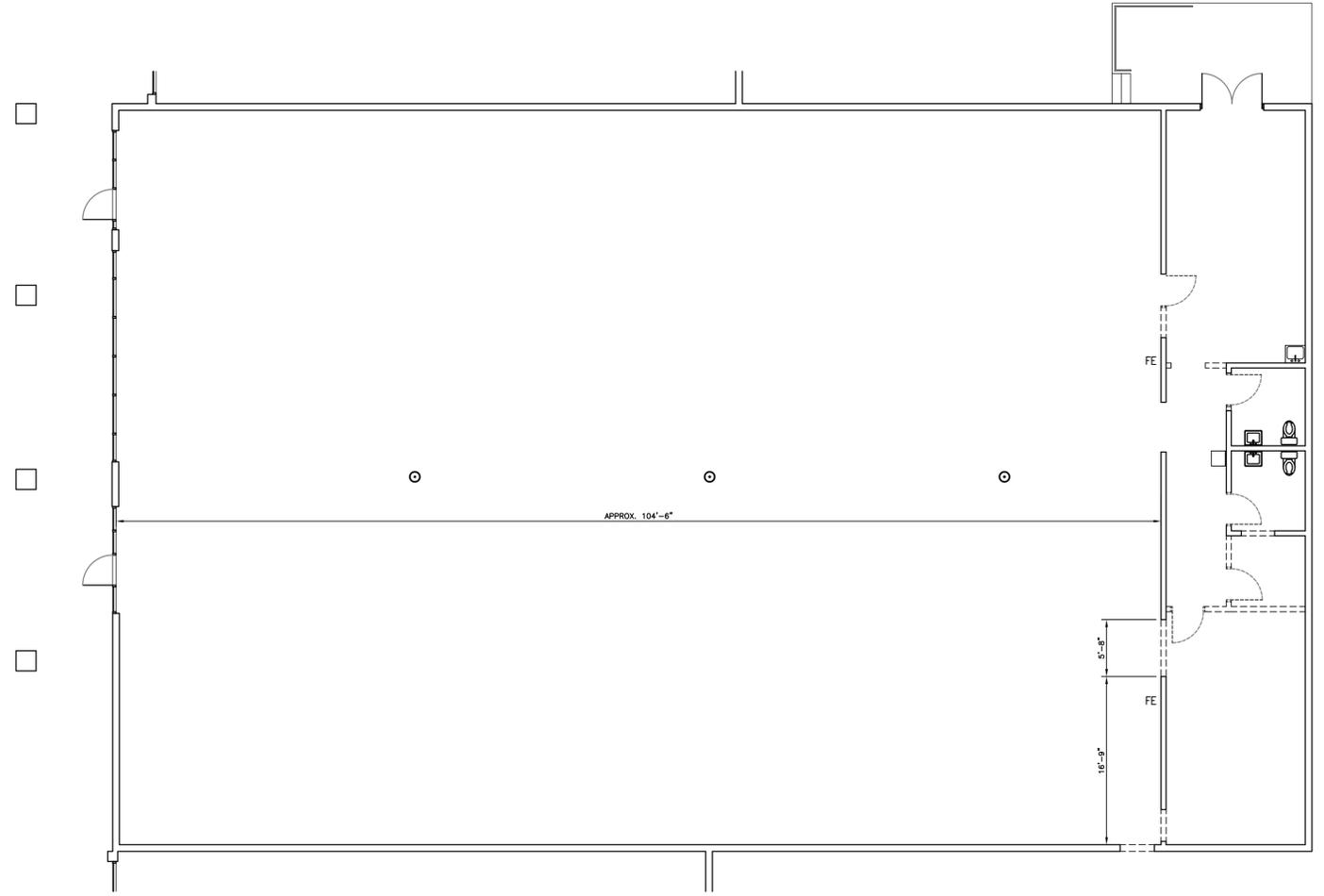
 KEY PLAN



 LOCATION MAP
3840 N. Monroe St., Tallahassee, FL

100% Construction Documents

March 19, 2013
PROJECT NO: 083001.06

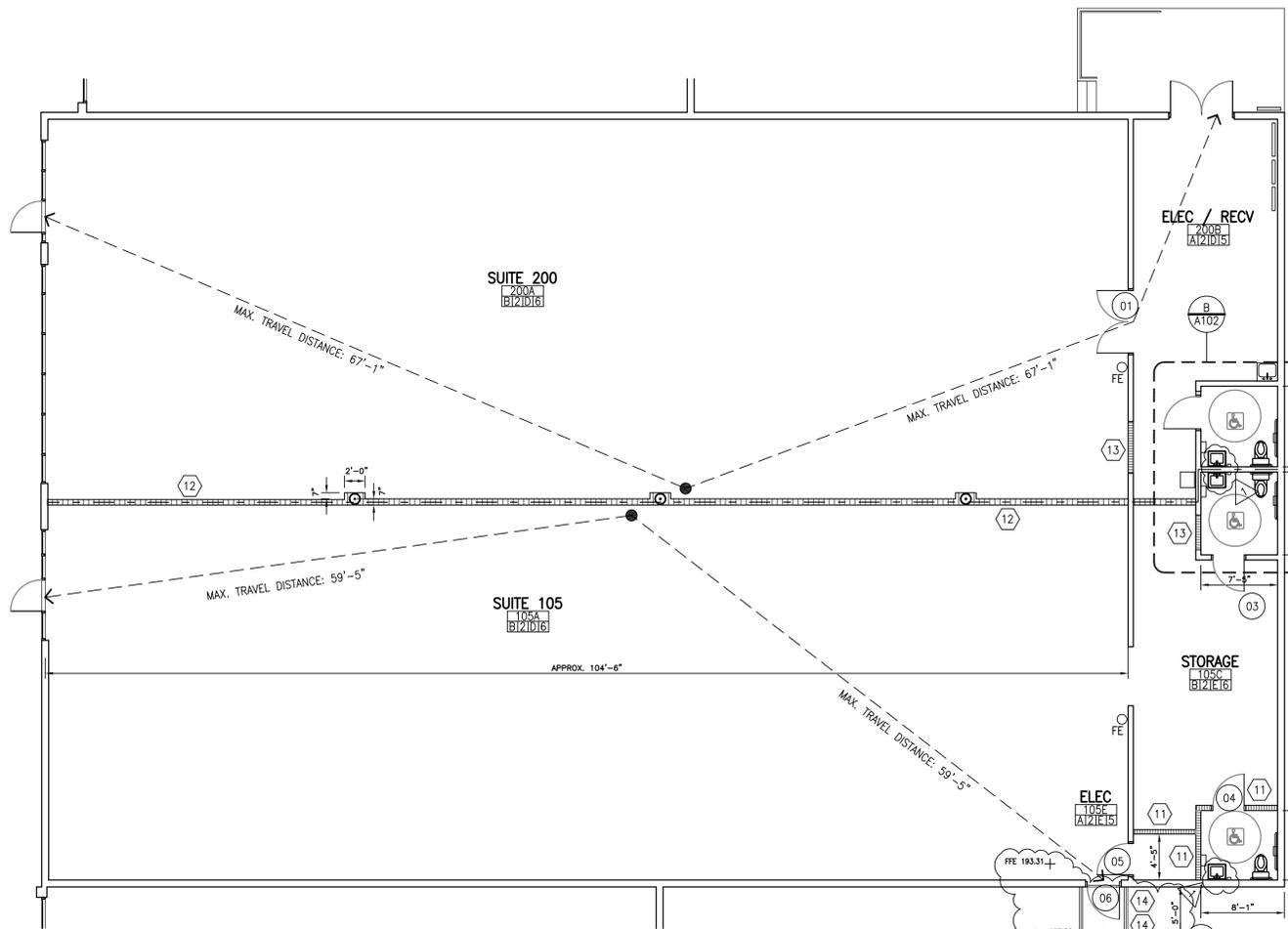


A DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

No.	Revisions:	Date:	No.	Revisions:	Date:
1		00/00/00	4		
2			5		
3			6		

Leon County Facilities Management
1907 South Monroe Street, Tallahassee, Florida 32301 (850)606-5000 Fax (850)606-5001

Lake Jackson Town Center at Huntington TENANT IMPROVEMENTS - SUITE 200 & 105 DEMOLITION PLAN	
Plot Date	03/19/2013
Project No.	083001.06
Drawn by	JMW
Checked by	JMW
Drawing Number: A101	

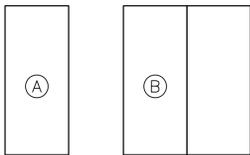


A FLOOR PLAN
SCALE: 1/8" = 1'-0"

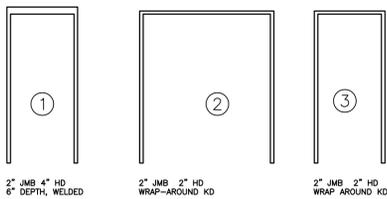
DOOR SCHEDULE

#	TYPE	SIZE	FR LABEL	HW	REMARKS
01	B	6'-0"x7'-0"x1-3/4"	HM na	03	HM interior door
02	A	3'-0"x7'-0"x1-3/4"	HM na	02	HM interior door
03	A	3'-0"x7'-0"x1-3/4"	HM na	02	HM interior door
04	A	3'-0"x7'-0"x1-3/4"	HM na	02	HM interior door
05	A	3'-0"x7'-0"x1-3/4"	HM na	01	Galv HM ext door, see E/A102
06	A	3'-0"x7'-0"x1-3/4"	HM na	02	HM interior door

DOOR TYPES



FRAME TYPES



FINISH SCHEDULE

MK	FINISH	COLOR	REMARKS
A	Painted Concrete	*	Epoxy paint
B	Existing	*	*
C	Sheet Vinyl	*	*
D	Painted CMU	*	Epoxy paint
E	Painted GPDW	*	Paint, Eggshell Latex

1	None	*	*
2	4" Rubber Base	*	*
3	*	*	*
4	Type MR GPDW	*	*
5	No ceiling	*	*
6	2x4 Lay-In Suspended	*	*

HARDWARE SETS

HW SET	QTY	DESCRIPTION	HW SET	QTY	DESCRIPTION
HW SET 01	1 Ea	Corbin-Russwin No. M2251 Newport Hager No. BB1279	HW SET 03	1 Ea	Corbin-Russwin No. M2251 Newport Hager No. BB1279
Hinges	3/Leaf	Rockwood	Hinges	3/Leaf	Rockwood
Stop	1/Leaf	Rockwood	Stop	1/Leaf	Rockwood
Seal	1/Leaf	Rockwood	Seal	1/Leaf	Rockwood
Closur	1/Leaf	Russwin 2000 Series	Flush Bolt	2/Leaf	inactive leaf only
Kick Plate	2/Leaf	18" H SS	Kick Plate	2/Leaf	18" H SS
Threshold	1 Ea	SS Saddle			
HW SET 02	1 Ea	Corbin-Russwin No. M2251 Newport Hager No. BB1279			
Hinges	3/Leaf	Rockwood			
Stop	1/Leaf	Rockwood			
Kick Plate	2/Leaf	18" H SS			

TOILET ACCESSORIES

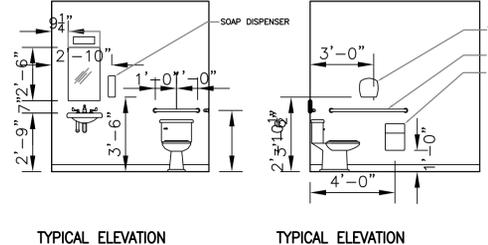
MK	ACCESSORY	MODEL	MT HGT
1	Paper Towel Disp	Kimberly Clark Lev-R-Matic	4'-0"
2	Toilet Tissue Disp	Kimberly Clark JRT Escort 09554	3'-6"
3	24" SS Handrail	Bradley 812-2	2'-10"
4	Soap Disp	Gojo 9034-12	3'-6"
5	Mirror	18x30 SS Frame, Tempered Glass	3'-4"
6	Feminine Nap Disp	Bobrick B-354	1'-0"
7	24" SS Handrail	Bradley 812-2	2'-10"

KEYED NOTES

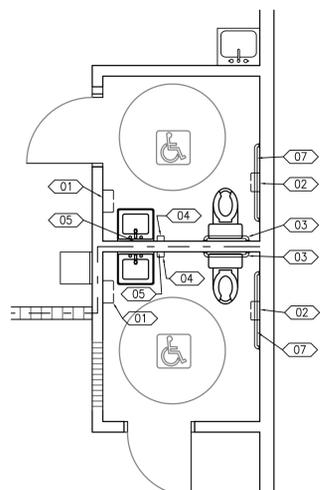
- 01 Cut new opening in exterior CMU wall.
- 02 Cut new opening in existing GPDW partition.
- 03 Remove existing door.
- 04 Remove existing wall.
- 05 Existing exterior CMU wall to remain.
- 06 Existing GPDW partition to remain.
- 07 Existing storefront system.
- 08 Existing loading dock.
- 09 Remove existing plumbing fixtures.
- 10 Existing 6" dia. steel column.
- 11 New GPDW partition, 3'-5 1/2" metal studs @ 2'-0" o.c.
- 12 New 1-hour rated GPDW wall assembly constructed in accordance with UL Design No. U419, continuous to underside of steel roof deck above.
- 13 Fill existing opening with new GPDW metal framing, finish flush with adjacent wall surfaces.
- 14 New CP concrete landing and steps poured flush with FFE at new door threshold. Slope outward at 1" per ft. Remove existing asphalt and construct steps on compacted sub-grade. Reinforce with #4 @ 1'-4" each way to resist 100 psf uniform and a minimum concentrated load of 300 lbs in an area of 4 square inches per FBC-B Table 1607.1, Broom finish.
- 15 Painted galv. steel handrail, Type I in accordance with FBC-B Section 1012. See F/A102. Provide handrails in compliance with FBC-B 1607.7. Contractor shall provide submittals to the Architect demonstrating structural capacity of the handrails.

LIFE SAFETY DATA

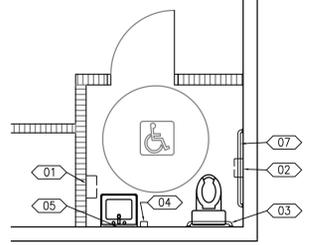
Gross Floor Areas (in Square Feet)
 Suite 105: 4466
 Suite 200: 4473
 Total: 8939
 Occupancy: Group B - Business
 Construction: Type IIB (unsprinklered)
 Distance to Exits:
 Max. per Code: 200' allowable
 Max Travel Distance (Suite 200): 67'-1"
 Max. Travel Distance (Suite 105): 59'-5"
 Fire Extinguishers: Larsen Model MP10 (ABC) with standard wall bracket
 Emergency Exits: Existing
 Emergency Lighting: relocated/replaced as needed see E-sheets
 NOTE: These plans describe improvements to be made by Owner to ready the spaces for their tenants. They show existing conditions as they are currently found on site. The Owner will be submitting tenant improvement plans as a separate plan review application. These tenant improvement plans will show the improvements made here as the existing condition.



TYPICAL ELEVATION TYPICAL ELEVATION

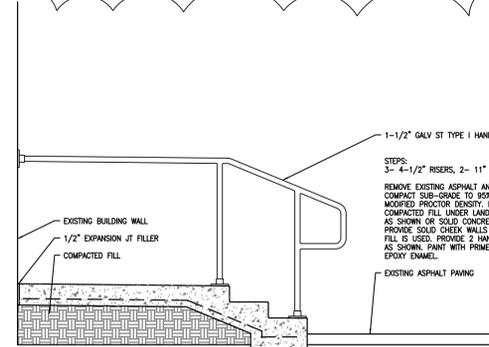


PLAN - 105B AND 200C

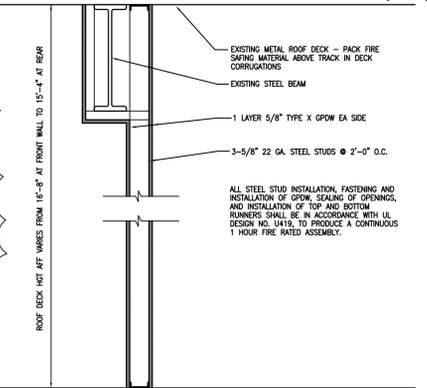


PLAN - 105D

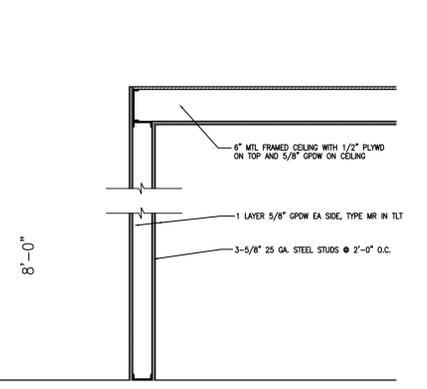
B ENLARGED TLT PLANS/ELEV.
SCALE: 1/4" = 1'-0"



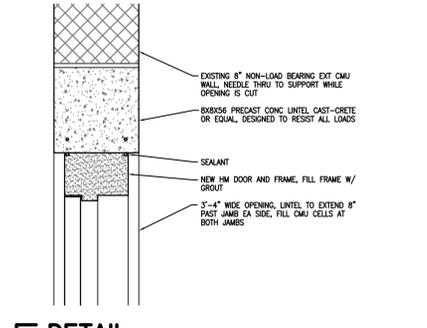
F DETAIL
SCALE: 1/2" = 1'-0"



C WALL SECTION @ 1 HR WALL
SCALE: 3/4" = 1'-0"



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



E DETAIL
SCALE: 1-1/2" = 1'-0"

No.	Revisions:	Date:	No.	Revisions:	Date:
1	reg rev response 1	05/03/13	4		
2			5		
3			6		

Leon County Facilities Management
 1907 South Monroe Street, Tallahassee, Florida 32301 (850)606-5000 Fax (850)606-5001
Lake Jackson Town Center at Huntington
TENANT FIT-OUT - SUITE 200 & 105
FLOOR PLAN
 Plot Date: 03/19/2013 Drawing Number: A102
 Project No.: 083001.06
 Drawn by: JMW
 Checked by: JMW

PACKAGED ROOF TOP UNIT EQUIPMENT SCHEDULE

INDOOR UNIT DESIGNATION		RTU-A	RTU-B
AIR QUANTITIES			
TOTAL SUPPLY AIR	CFM	4,800	4,800
MINIMUM SUPPLY AIR	CFM	1,400	1,400
OUTSIDE AIR (DESIGN / BALANCE)	CFM / CFM	600 / 300	600 / 300
FILTERS		2" THROWAWAY	2" THROWAWAY
A.R.I. PERFORMANCE			
TOTAL GROSS COOLING CAPACITY - RATED @ 95°F AMBIENT, 80°Fdb/67°Fwb ENTERING AIR TEMPERATURES	MBTUH	149	149
NET SENSIBLE COOLING CAPACITY	MBTUH	119	119
HEAT PUMP HEATING CAPACITY - RATED @ 47°F AMBIENT, 68°F ENTERING AIR TEMPERATURES	MBTUH	136	136
EER - RATED @ AHRI 340 STANDARD CONDITIONS		11.7	11.7
IEER - RATED @ AHRI 340 STANDARD CONDITIONS		17.0	17.0
COP - RATED @ AHRI 340 STANDARD CONDITIONS		3.33	3.33
UNIT DATA			
NOMINAL CAPACITY	TONS	12	12
NUMBER OF COMPRESSORS & NUMBER OF STAGES	# - #	2 - MOD	2 - MOD
CONDENSATE DRAIN SIZE	IN.	1	1
EXTERNAL STATIC PRESSURE (INCLUDING FILTER)	IN. H2O	1.0	1.0
INDOOR FAN MOTOR POWER	HP - (BHP)	4 - (2.0)	4 - (2.0)
AUXILIARY HEATING CAPACITY & NUMBER OF STAGES - RATED @ 208 VOLTS	KW - #	18 - 4	18 - 4
ELECTRICAL CHARACTERISTICS	V/PH	208/3	208/3
MINIMUM CIRCUIT AMPACITY	AMPS	112.2	112.2
MAXIMUM OVERLOAD PROTECTION	AMPS	125	125
UNIT WEIGHT	LBS.	2,350	2,350
REFRIGERANT TYPE			
		R-410A	R-410A
MANUFACTURER (BASIS OF DESIGN)			
		DAIKIN-MCQUAY	DAIKIN-MCQUAY
MODEL NUMBER (BASIS OF DESIGN)			
		DPS012A	DPS012A
DETAIL REFERENCE			
		A,B/M201	A,B/M201
NOTES:			
1. PROVIDE THROUGH THE BASE ELECTRICAL CONNECTION WITH NON-FUSED DISCONNECT.			
2. PROVIDE SINGLE POINT ELECTRICAL POWER SUPPLY FOR ROOF TOP UNIT.			
3. PROVIDE CONDENSER HALL GUARD.			
4. PROVIDE MOTORIZED OUTSIDE AIR DAMPER - 0-30%.			
5. PROVIDE HIGH EFFICIENCY MOTORS.			
6. PROVIDE MULTI-SPEED INDOOR FAN.			
7. PROVIDE HINGED ACCESS PANELS.			
8. PROVIDE 120 VOLT / 15 AMP POWERED GFI CONVENIENCE OUTLET.			
9. PROVIDE CLOGGED FILTER/FAN FAILURE SWITCH.			
10. PROVIDE INVERTER COMPRESSOR ON ONE CIRCUIT.			
GENERAL NOTES:			
1. PROVIDE A NEW 14" ROOF CURB FOR NEW RTU INSTALLATION. MODIFY AND REPAIR ROOF OPENINGS AS REQUIRED.			
2. PROVIDE PVC CONDENSATE DRAIN SAME SIZE AS DRAIN OPENING ON UNIT. ROUTE TO DISCHARGE ON ROOF AT NEAREST ROOF DRAIN OR GUTTER.			

FAN SCHEDULE

DESIGNATION		EF-104B	EF-104D	EF-200C
TYPE		CEILING	CEILING	CEILING
SERVICE		TOILET EXHAUST	TOILET EXHAUST	TOILET EXHAUST
AIR QUANTITY	CFM	120	120	120
STATIC PRESSURE	IN. H2O	0.3	0.3	0.3
FAN SPEED	RPM	1042	1042	1042
FAN MOTOR	HP	80 W	80 W	80 W
FAN DRIVE		DIRECT	DIRECT	DIRECT
MOTOR SPEED	RPM	1500	1500	1500
ELECTRICAL CHARACTERISTICS	V/PH	115/1	115/1	115/1
BIRDSCREEN	NOTE 1	PROVIDE	PROVIDE	PROVIDE
BACKDRAFT DAMPER		PROVIDE	PROVIDE	PROVIDE
DISCONNECT SWITCH-PREWIRED		PROVIDE	PROVIDE	PROVIDE
SOLID STATE SPEED CONTROLLER		PROVIDE	PROVIDE	PROVIDE
NOISE LEVEL	SONES	2.6	2.6	2.6
SPECIAL FEATURES	NOTES	2,3,4	2,3,4	2,3,4
MANUFACTURER		COOK	COOK	COOK
MODEL NUMBER		GC-162	GC-162	GC-162
DETAIL REFERENCE		A/M101	A/M101	A/M101

NOTES:

- PROVIDE BIRDSCREEN AT PENETRATION OF EXTERIOR WALL OR ROOF.
- ON/OFF CONTROL SHALL BE CONTROLLED BY ROOM MOTION SENSOR, SENSOR TO BE PROVIDED AND INSTALLED BY DIVISION 26 CONTRACTOR.
- PROVIDE WHITE ALUMINUM INLET GRILLE.
- PROVIDE RUBBER IN SHEAR ISOLATOR.

AIR DISTRIBUTION

	RECTANGULAR SHEET METAL DUCT
	ROUND SHEET METAL DUCT
	FLEXIBLE RUNOUT DUCT - FLEXMASTER USA TYPE 5M
	ROUND OR RECTANGULAR TAKE-OFF FITTING WITH BALANCING DAMPER - SEE DETAIL C/M201.
	SUPPLY AIR DUCTWORK SECTION
	RETURN OR OUTSIDE AIR DUCTWORK SECTION
	EXHAUST AIR DUCTWORK SECTION
	AIR BALANCING DAMPER (MANUAL) - RUSKIN MD-35 OR EQUAL.
	FIRE DAMPER IN DUCT - SEE DETAIL D/M201; RUSKIN IBD OR EQUAL.
	DUCTWORK FLEXIBLE CONNECTION
	DUCT ELBOW WITH SINGLE THICKNESS TURNING VANES
	SIDEWALL REGISTER AND AIR FLOW (CFM) - PRICE MODEL 610DAL/FL OR EQUAL.
	ROUND CEILING SA DIFFUSER
	SQUARE CEILING SA DIFFUSER AND AIR FLOW (CFM) (SEE SCHEDULE FOR SIZES UNLESS NOTED OTHERWISE)
	RECTANGULAR CEILING RA REGISTER AND AIR FLOW (CFM) (SEE SCHEDULE FOR SIZES UNLESS NOTED OTHERWISE) WHERE CFM IS NOT INDICATED, PROVIDE STANDARD SIZE FOR CEILING TYPE INDICATED IN SCHEDULE. SEE DETAIL E/M201.
	DUCT ACCESS PANEL
	EXISTING MATERIALS TO BE REMOVED
	DUCT MOUNTED SMOKE DETECTOR (PROVIDED BY ELECTRICAL, INSTALLED BY MECHANICAL CONTRACTOR)
	DOOR UNDERCUT (3/4", UNO)
	FIBROUS-GLASS DUCT LINER

MEASUREMENTS AND CONTROLS

	ROOM THERMOSTAT/TEMPERATURE SENSOR
--	------------------------------------

MISCELLANEOUS

	1 HOUR FIRE RATED WALL
	POINT OF CONNECTION, NEW TO EXISTING
	POINT INDICATES LIMIT OF DEMOLITION

CEILING SUPPLY DIFFUSERS

SYMBOL	CFM	NECK SIZE	MINIMUM - MAXIMUM 1/2 SPACING	FACE DIMENSION	
				HARD CEILING	LAY-IN CEILING
	50 - 80	6"	4' - 5'	12x12	24x24
	85 - 180	8"	4' - 8'	12x12	24x24
	185 - 340	10"	8' - 10'	24x24	24x24
	345 - 500	12"	9' - 10'	24x24	24x24
	505 - 600	14"	10' - 12'	24x24	24x24

NOTE:

- RUNOUT DUCTS TO DIFFUSERS SHALL BE THE SAME SIZE AS THE INDICATED NECK SIZE.
- BASIS OF DESIGN: PRICE MODEL ASED OR APPROVED EQUAL.

DESIGN CONDITIONS

OUTDOORS	
SUMMER TEMPERATURES	Tdb-Twb 95-77
DEHUMIDIFICATION TEMPERATURES	Tdb-Twb 88-79
WINTER TEMPERATURE	Tdb 25
INDOORS	
OCCUPANCY USAGE	ALL
SUMMER TEMPERATURES	Tdb-Twb 75-63
WINTER TEMPERATURE	Tdb 70

VENTILATION RATE

1. VENTILATION RATES CALCULATED PER REQUIREMENTS OF ASHRAE STANDARD 62.1-2007. VENTILATION CALCULATION FOR EACH SUITE - 45 PERSONS @ 7.5 CFM PER PERSON AND 0.06 CFM/SQ.FT.

HVAC NOTES

- INSTALL DUCTWORK, PIPING, ETC. AS HIGH AS POSSIBLE ABOVE CEILING.
- COORDINATE LOCATION OF ALL EQUIPMENT, DUCTWORK AND PIPING INSTALLATIONS WITH ELECTRICAL TO PROVIDE THE REQUIRED CLEARANCES AROUND ALL ELECTRICAL PANELS, SWITCHGEAR, ETC.
- INSTALLATION OF EQUIPMENT, DUCTWORK AND PIPING SHALL PROVIDE CONVENIENT ACCESS FOR REMOVAL OF FILTERS AND FOR MAINTENANCE.
- DUCT SIZES GIVEN ARE SHEET METAL SIZES.
- COORDINATE EXACT LOCATIONS OF AIR DISTRIBUTION EQUIPMENT WITH THE CEILING AND THE LIGHTING LAYOUT.
- THE CEILING DIFFUSERS SHALL BE 4-WAY THROW UNLESS OTHERWISE NOTED.
- PROVIDE NEW AIR FILTERS IN EACH UNIT REQUIRING FILTERS WHEN THE PROJECT IS READY FOR TEST AND BALANCE. DO NOT OPERATE UNITS WITHOUT FILTERS DURING CONSTRUCTION. REPLACE FILTERS DURING CONSTRUCTION ACCORDING TO FILTER MANUFACTURER'S RECOMMENDATIONS. SEAL ALL OPEN ENDS OF DUCT WORK DURING CONSTRUCTION.
- WHEREVER THE DEPTH OF THE TRUNK DUCT IS LESS THAN THE ROUND RUNOUT DUCT DIAMETER, PROVIDE TRANSITION FITTING OF EQUIVALENT AREA TO THE RUNOUT DUCT.
- PROVIDE FLEXIBLE DUCT CONNECTIONS AT EACH EQUIPMENT CONNECTION.
- OUTSIDE AIR INTAKES SHALL NOT BE LOCATED ANY CLOSER THAN 15 FEET FROM ANY CHIMNEY OR EXHAUST OUTLET OR PLUMBING VENT TERMINAL.
- PROVIDE FIRE DAMPER AT EVERY DUCT PENETRATION OF 1 HOUR OR MORE FIRE RATED CONSTRUCTION.
- INSTALL DUCT MOUNTED SMOKE DETECTOR (FURNISHED BY DIV. 26) IN SUPPLY AIR TRUNK DUCT BEFORE ANY TAKE-OFFS FOR AIR HANDLING UNITS WITH SUPPLY AIR CAPACITY GREATER THAN 2000 CFM AND WHERE INDICATED ON PLANS.
- WHERE FIRE DAMPERS ARE REQUIRED, PROVIDE DUCT ACCESS DOORS TO ALLOW RE-LINKING OF DAMPER FUSIBLE LINKS. PROVIDE CEILING/WALL ACCESS PANELS WHERE INSTALLED IN INACCESSIBLE LOCATIONS; ACCESS PANELS IN RATED CONSTRUCTION SHALL BEAR UL LABEL.
- WHERE DUCT MOUNTED SMOKE DETECTORS ARE REQUIRED, PROVIDE DUCT ACCESS DOORS TO ALLOW VIEWING AND SERVICING. PROVIDE CEILING/WALL ACCESS PANELS WHERE INSTALLED IN INACCESSIBLE LOCATIONS; ACCESS PANELS IN RATED CONSTRUCTION SHALL BEAR UL LABEL.
- IT IS RECOMMENDED THAT DUCTWORK BE FABRICATED FROM FIELD MEASUREMENTS TAKEN AS THE BUILDING STRUCTURE AND SPACE COMPETING SYSTEMS ARE PROGRESSIVELY INSTALLED. THE DUCTWORK AS SHOWN ON THE CONSTRUCTION DOCUMENTS IS DIAGRAMMATIC AND DOES NOT NECESSARILY INCLUDE ALL MODIFICATIONS REQUIRED TO AVOID THESE INTERFERENCES. BEFORE FABRICATING ANY DUCTWORK, CHECK THE PHYSICAL CONDITIONS AT THE JOB SITE AND MAKE CHANGES IN CROSS SECTIONS, ROUTING, OFFSETS AND SIMILAR ITEMS WHETHER SPECIFICALLY INDICATED OR NOT. VERIFY THAT SUFFICIENT CLEARANCES ARE AVAILABLE FOR INSTALLING DUCTWORK, PIPING, LIGHT FIXTURES, CEILING SYSTEMS AND TO PROVIDE EQUIPMENT SERVICE COSTS REQUIRED TO CHANGE DUCTWORK TO FIT THE SPACE AVAILABLE AND AVOID INTERFERENCES CAUSED BY SPACE COMPETING SYSTEMS SHALL BE BORNE BY THE CONTRACTOR. NO ADDITIONAL REMUNERATION WILL BE PAID BY THE OWNER.
- APPLY EXTERNAL INSULATION TO SINGLE WALL SUPPLY DUCTS AND RETURN DUCTS.
- PROVIDE VOLUME CONTROL DAMPERS IN SIDE TAKE-OFF FITTINGS TO SUPPLY AIR DIFFUSERS AND EXHAUST AIR AND RETURN AIR GRILLES AND AT EACH DUCT BRANCH SERVING TWO OR MORE AIR TERMINALS, WHETHER SHOWN ON THE DRAWINGS OR NOT.
- CONTRACTOR SHALL ADHERE TO ALL REGULATORY GUIDELINES WHEN REMOVING ANY EQUIPMENT CONTAINING REFRIGERANTS.
- COORDINATE ALL DUCT TEST WITNESSING WITH LOCAL MECHANICAL INSPECTOR.
- PRIOR TO FINAL INSPECTION, PROVIDE CERTIFIED TEST & BALANCE REPORT AND OPERATIONS & MAINTENANCE MANUALS TO THE OWNER.
- PROVIDE DUCT ACCESS DOOR AT EACH FLOW MEASURING STATION.
- DUCT CONSTRUCTION, INCLUDING SHEET METAL THICKNESSES, SEAM AND JOINT CONSTRUCTION, REINFORCEMENTS, AND HANGERS AND SUPPORTS, SHALL COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE DUCT."
- INSULATE DUCT WITH 2" THICK, 1.5 LB./CU.FT. MINERAL FIBER BLANKET INSULATION ASTM C553 TYPE III WITH FACTORY-APPLIED FSK JACKET. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- INTERNALLY LINE INDICATED DUCT SECTIONS WITH 2" THICK, TYPE I, FLEXIBLE, FIBROUS-GLASS DUCT LINER COMPLYING WITH ASTM C 1071; MAXIMUM THERMAL CONDUCTIVITY 0.27 BTU*in/(h*ft²*F); WITH ANTIMICROBIAL EROSION-RESISTANT COATING. INSTALL PER MANUFACTURER'S INSTRUCTIONS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE CERTAINTED, TOUGHGUARD, OR EQUAL.

GENERAL NOTES

- DRAWINGS ARE DIAGRAMMATIC, INDICATIVE OF WORK TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DIMENSIONS.
- FIELD VERIFY DIMENSIONS AND CONDITIONS. IF THE CONTRACTOR IS UNABLE TO INTERPRET THE CONTRACT DOCUMENTS, HE IS RESPONSIBLE TO REQUEST CLARIFICATION IN WRITING TO THE ARCHITECT. IF HE PROCEEDS WITH ANY WORK BEFORE OBTAINING CLARIFICATION, HE SHALL BE HELD RESPONSIBLE FOR DEFICIENCIES ASSOCIATED THEREWITH.
- BEFORE SUBMITTING FOR THE WORK, EACH BIDDER WILL BE RESPONSIBLE TO EXAMINE THE PREMISES AND SATISFY HIMSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGATED TO OPERATE AND COMPLETE THE WORK UNDER THIS CONTRACT. NO ALLOWANCE WILL SUBSEQUENTLY BE MADE IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OR OMISSION ON HIS PART.
- THE CONTRACTOR SHALL PAY FOR INSPECTION PERMITS, CERTIFICATES, CONNECTION FEES, SYSTEM DEMAND CHARGES AND LICENSE FEES IN CONNECTION WITH HIS WORK.
- CONSTRUCTION MANAGER/GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK OF SUBCONTRACTORS TO AVOID INTERFERENCES.
- WORK SHALL COMPLY WITH APPLICABLE O.S.H.A. AND E.P.A. REGULATIONS AND GUIDELINES.
- COORDINATE AND SEQUENCE DEMOLITION, CLEANING AND CONSTRUCTION WORK. SUBMIT A COMPLETELY DETAILED CONSTRUCTION SCHEDULE PRIOR TO PRE-CONSTRUCTION CONFERENCE.
- THE CONTRACTOR SHALL STRICTLY BE HELD TO THE PROJECT SCHEDULE. HE SHALL PROVIDE SUFFICIENT MANPOWER AND EQUIPMENT TO FULLY MOBILIZE, PROCEED WITH AND COMPLETE THE WORK.
- THE CONTRACTOR SHALL BE RESTRICTED TO AREAS SPECIFIED BY THE OWNER FOR ON-SITE STORAGE OF CONSTRUCTION MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND SECURITY OF EQUIPMENT AND MATERIALS.
- THE CONTRACTOR SHALL MAINTAIN A CLEAN WORK ENVIRONMENT AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF DEBRIS AT COMPLETION OF THE JOB AND BEFORE FINAL PAYMENT IS MADE.
- THE CONTRACTOR SHALL FURNISH "AS-BUILT" DRAWINGS TO THE ARCHITECT AT COMPLETION OF CONSTRUCTION.
- CONTRACTOR'S USE OF AN APPROVAL STAMP ON DOCUMENTS SUBMITTED AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS CERTIFIES THAT THE CONTRACTOR HAS COMPLIED WITH THE CONTRACT DOCUMENT REQUIREMENTS RELATED TO "SHOP DRAWINGS, PRODUCT DATA AND SAMPLES".
- THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT/ENGINEER'S APPROVAL THEREOF.
- NOTE ANY SPECIAL REQUIREMENTS INVOLVED IN INSTALLING THE EQUIPMENT IN THE BUILDING. DISASSEMBLING AND REASSEMBLING OF ANY EQUIPMENT SHALL BE DONE AS REQUIRED FOR ENTRY INTO THE BUILDING AND EQUIPMENT ROOMS.
- PROTECT THE ROOF FROM DAMAGE WHENEVER ANY WORK ON THE ROOF IS REQUIRED.
- SUPPORTS AND HANGERS SHALL PRESENT A NEAT, ORDERLY APPEARANCE.
- ROOF MOUNTED EQUIPMENT SHALL BE SECURED TO STRUCTURE TO RESIST A 130 MPH WIND LOAD.
- CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL FIRE, SMOKE, AND ACOUSTICAL WALL ASSEMBLIES.
- CONTRACTOR SHALL FURNISH U.L. APPROVED DRAWINGS FOR EACH TYPE OF FIRE RATED ASSEMBLY PENETRATION BY DUCTS, PIPES OR CONDUITS. THESE DRAWINGS SHALL BE DISPLAYED ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION. SEE SPECIFICATIONS.
- CONTRACTOR SHALL QUARANTEE THE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. THIS GUARANTEE SHALL BE IN ADDITION TO THE WARRANTIES PROVIDED BY MATERIAL SUPPLIERS AND MANUFACTURERS.
- REMOVE AND RE-INSTALL EXISTING CEILING TILE AS REQUIRED. REPLACE ANY TILE DAMAGED OR SOILED DURING CONSTRUCTION.
- PROVIDE PROPER PROTECTIVE MEASURES TO PROTECT EXISTING FURNITURE, CARPET AND FINISHES DURING THE COURSE OF CONSTRUCTION. TAKE CARE NOT TO DAMAGE EXISTING SURFACES. REPAIR TO MATCH EXISTING CONDITIONS AS REQUIRED.
- SEAL HOLES IN WALLS, CEILINGS, FLOORS, ETC. TO MATCH EXISTING ADJACENT SURFACES WHERE EQUIPMENT, CONDUIT AND/OR PIPING ARE REMOVED.
- ITEMS REMOVED AND SAVED FOR REUSE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL IDENTIFY ANY DEFECTIVE MATERIALS PRIOR TO DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO MATERIALS AT PROJECT COMPLETION NOT IDENTIFIED PRIOR TO DEMOLITION.
- RELOCATE, AS REQUIRED, ANY EXISTING WIRE AND CONDUIT WHICH INTERFERES WITH INSTALLATION OF THE NEW WORK.
- REMOVE ELECTRICAL EQUIPMENT (CONDUIT, POWER & CONTROL WIRING, DISCONNECT SWITCHES, STARTERS, ETC.) RELATED TO EQUIPMENT BEING REMOVED OR REPLACED.



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SEAL

LEON COUNTY FACILITIES MANAGEMENT

LOCATION: Tallahassee, Florida

LAKE JACKSON TOWN CENTER AT HUNTINGTON TENANT FIT-OUT SUITE 200 & 105

BHP	BRAKE HORSEPOWER	MOD	MODULATING
BTUH	BRITISH THERMAL UNITS PER HOUR	OA	OUTSIDE AIR
CFM	CUBIC FEET PER MINUTE	RA	RETURN AIR
EF	EXHAUST FAN	RAG	RETURN AIR GRILLE
EX	EXISTING	RAR	RETURN AIR REGISTER
Tdb	DEGREES FAHRENHEIT DRY BULB	RPM	REVOLUTIONS PER MINUTE
Twb	DEGREES FAHRENHEIT WET BULB	RTU	ROOF TOP UNIT
FD	FIRE DAMPER	SA	SUPPLY AIR
FEET	FEET	SAR	SUPPLY AIR REGISTER
HP	HEAT PUMP UNIT OR HORSEPOWER	TYP	TYPICAL
IN	INCHES	UC	DOOR UNDERCUT (3/4", UNO)
MCA	MINIMUM CIRCUIT AMPACITY	UH	UNIT HEATER
MOCOP	MAXIMUM OVERLOAD PROTECTION	UNO	UNLESS NOTED OTHERWISE

LOCATION: Tallahassee, Florida

SUBMITTAL			
PHASE	DATE	DRAWN	CHECK
SCHEMATIC DESIGN	11/8/2012	DRH	RLC
100% CONSTRUCTION DOCUMENTS	3/18/2013	REM	RLC

M001	GENERAL NOTES, LEGEND AND SCHEDULES - HVAC
M101	FLOOR PLAN - HVAC DEMOLITION
M101	FLOOR PLAN - MECHANICAL
M201	DETAILS - HVAC

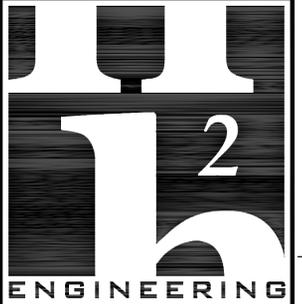
REVISIONS		
REV	DATE	DESCRIPTION

SHEET TITLE
GENERAL NOTES LEGEND & SCHEDULES - HVAC

DRAWING NO.
M001

DEMOLITION KEYNOTES - HVAC

- ① REMOVE EXISTING ROOF TOP UNIT.
- ② REMOVE EXISTING CEILING DIFFUSER AND ASSOCIATED RUNOUT DUCT.
- ③ REMOVE EXISTING DUCT SYSTEMS, INCLUDING HANGERS AND SUPPORTS.
- ④ REMOVE EXISTING CEILING EXHAUST FAN AND ASSOCIATED DUCTWORK.
- ⑤ REMOVE EXISTING THERMOSTAT.
- ⑥ REMOVE EXISTING ELECTRIC UNIT HEATER AND ASSOCIATED POWER AND CONTROLS.



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**LEON COUNTY
FACILITIES
MANAGEMENT**

**LAKE JACKSON
TOWN CENTER AT
HUNTINGTON
TENANT FIT-OUT
SUITE 200 & 105**

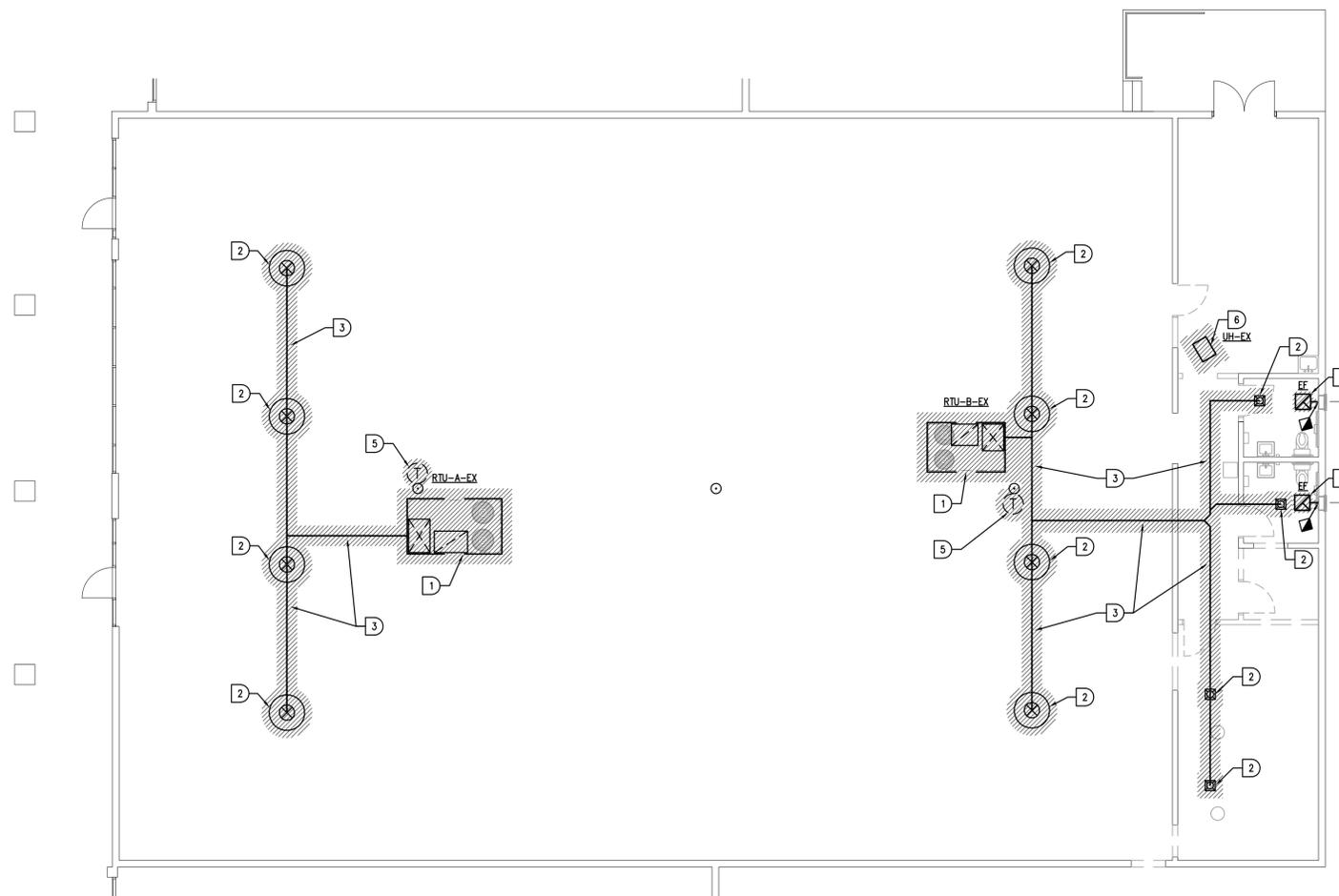
LOCATION: Tallahassee, Florida

SUBMITTAL			
PHASE	DATE	DRAWN	CHECK
SCHEMATIC DESIGN	11/8/2012	DRH	RLC
100% CONSTRUCTION DOCUMENTS	3/18/2013	DRH	RLC

REVISIONS		
REV	DATE	DESCRIPTION
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△		
△		
△		
△		

SHEET TITLE
**FLOOR PLAN - HVAC
DEMOLITION**

DRAWING NO.
MD101



 **FLOOR PLAN - HVAC DEMOLITION**
1/8" = 1'-0"
NORTH

SEAL

LEON COUNTY FACILITIES MANAGEMENT

LAKE JACKSON TOWN CENTER AT HUNTINGTON TENANT FIT-OUT SUITE 200 & 105

LOCATION: Tallahassee, Florida

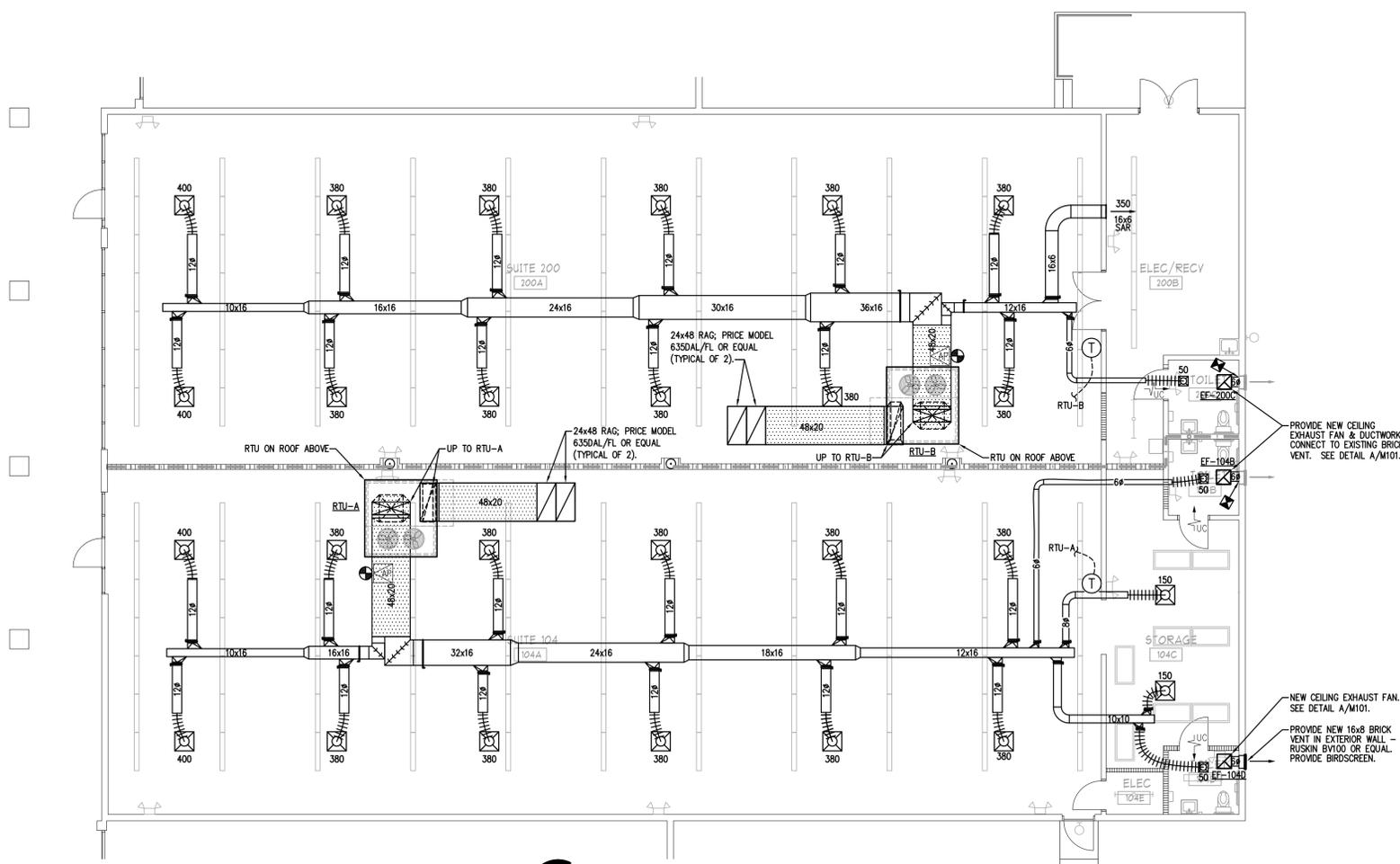
SUBMITTAL			
PHASE	DATE	DRAWN	CHECK
SCHEMATIC DESIGN	11/8/2012	DRH	RLC
100% CONSTRUCTION DOCUMENTS	3/18/2013	REM/CJB	RLC

REVISIONS	
REV	DESCRIPTION
2/14/2013	ASI No. 01
05/03/2013	REG. REV. RESPONSE 1

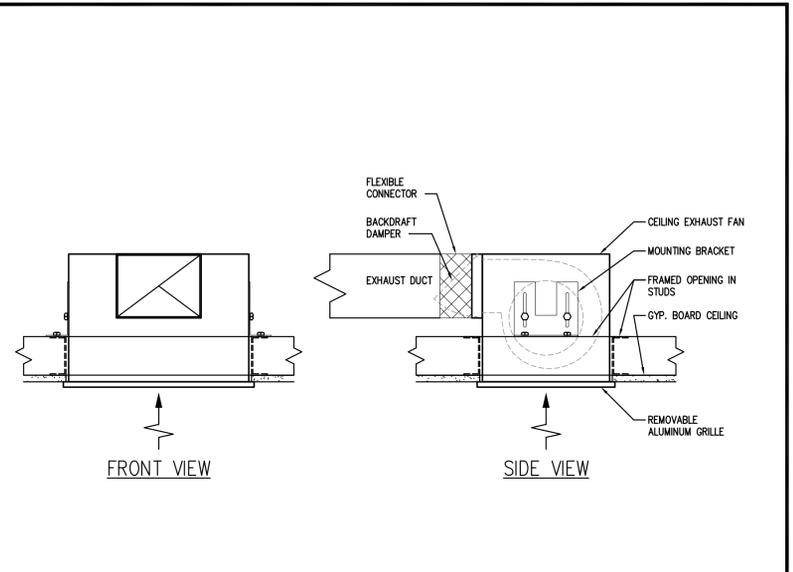
FLOOR PLAN - MECHANICAL

DRAWING NO.

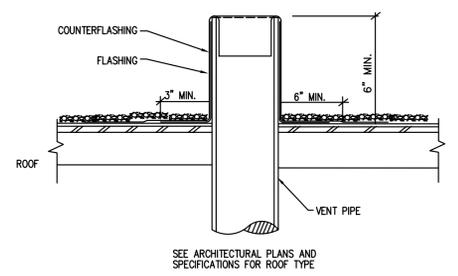
M101



FLOOR PLAN - HVAC
1/8" = 1'-0"
NORTH



A CEILING EXHAUST FAN



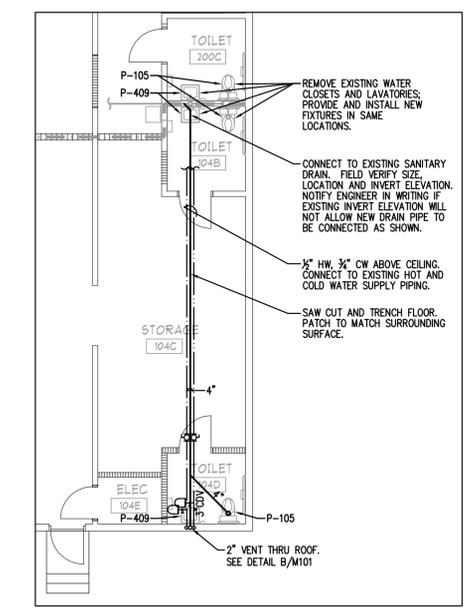
- NOTES:**
- FLASHING AND COUNTERFLASHING FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ROOFING CONTRACTOR.
 - PAINT VENT TO MATCH ROOF.

B VENT THRU ROOF

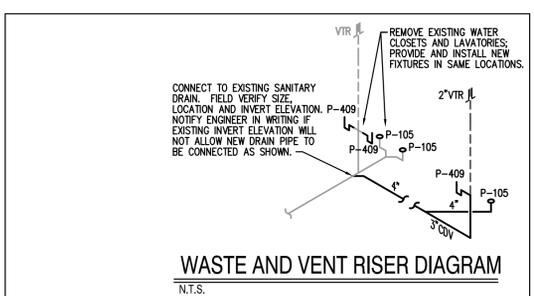
PIPING SCHEDULE					
PIPING SYSTEM	SIZE RANGE	MATERIAL	FITTINGS	FLANGES	INSULATION
SANITARY & VENT (BELOW SLAB)	1/2" AND SMALLER	PVC ASTM D1785 SCHEDULE 40	PVC ASTM D2672 SCH. 40 SOCKET WITH PRIMER & SOLVENT	N/A	N/A
DOMESTIC WATER (ABOVE SLAB)	3" AND SMALLER	DRAWN COPPER ASTM B88 TYPE 'L'	WROUGHT COPPER ASTM B16.22 95/5 SILVER SOLDER	N/A	HW: 1" FIBERGLASS WITH AS/SSL ASTM C547, TYPE I, GRADE A

PLUMBING FIXTURE SCHEDULE										
FIXTURE NUMBER	FIXTURE DESCRIPTION	A.D.A. COMPLIANT	MOUNTING METHOD	HEIGHT (A.F.F.)	ROUGH-IN PIPE SIZES				MANUFACTURER AND MODEL NUMBER	ACCESSORIES: D = DRAIN/STRAINER F = FAUCET V = FLUSH VALVE M = MISCELLANEOUS
					COLD WATER SUPPLY	HOT WATER SUPPLY	FIXTURE TRAP	FIXTURE DRAIN		
P-105	1.6 GPF TANK TYPE WATER CLOSET, VITREOUS CHINA, SIPHON JET FLUSHING ACTION, ELONGATED RIM, MIN. 2" BALLPASS TRAPWAY. COLOR: WHITE. PROVIDE CHINA BOLT CAPS AND BEESWAX GASKET.	YES	FLOOR	RIM: 17.5"	1/2"	---	4"	4"	AMERICAN STANDARD: TOTO; KOHLER: 2168.100 CS1744SL K-5427	M-101
P-409	LAVATORY, 20"x18", VITREOUS CHINA, FAUCET HOLES ON 4" CENTERS, ANTI-SPLASH RIM AND HIGH BACK. COLOR: WHITE.	YES	WALL	RIM: 34"	1/2"	1/2"	1 1/2"	2"	AMERICAN STANDARD: ZURN TOTO: 0355.012 25364 LT307.4	D-401 F-403 M-201

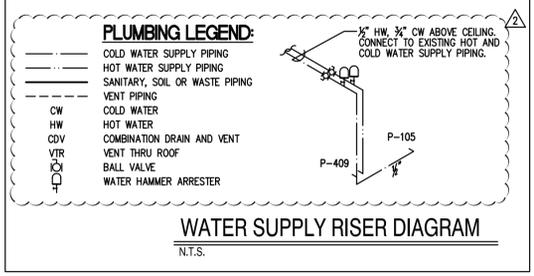
PLUMBING FIXTURE ACCESSORY SCHEDULE		
ACCESSORY NUMBER	ACCESSORY DESCRIPTION	MANUFACTURER AND MODEL NUMBER
F-403	SINGLE CONTROL DECK MOUNTED FAUCET, A.D.A. COMPLIANT, 4" CENTERS, POLISHED CHROME PLATED BRASS, 0.5 GPM AERATOR SPRAY HEAD, 4" COVER PLATE.	CHICAGO FAUCET: T&S BRASS: B-2711 ZURN: Z82200-3M-CP4
D-401	1 1/2" CHROME PLATED BRASS OFFSET DRAIN WITH TAIL PIECE. PROVIDE A PERFORATED FLAT CHROME PLATED BRASS STRAINER, SUPPLY LINES PROTECTED WITH "TRAP WRAP" OR APPROVED EQUAL.	CHICAGO FAUCET KOHLER: 337 K-7131-A
M-101	EXTRA HEAVY DUTY, OPEN FRONT, ELONGATED SEAT, WITHOUT COVER, SOLID PLASTIC, SELF SUSTAINING CHECK TYPE HINGE. HINGES SHALL MATCH SEAT COLOR, S.S. POSTS FITTED WITH S.S. WASHERS AND NUTS.	BEIMS: BEMISE: 1655SSC 527SS 1500SSCCSS
M-201	LAVATORY P-TRAP: CAST BRASS ADJUSTABLE P-TRAP, TUBING OUTLET, 1 1/2" x 1 1/2", CLEANOUT PLUG, POLISHED CHROME PLATED FINISH.	KOHLER ZURN: K-8999-CP Z8701



INSET PARTIAL FLOOR PLAN - PLUMBING
1/8" = 1'-0"
NORTH

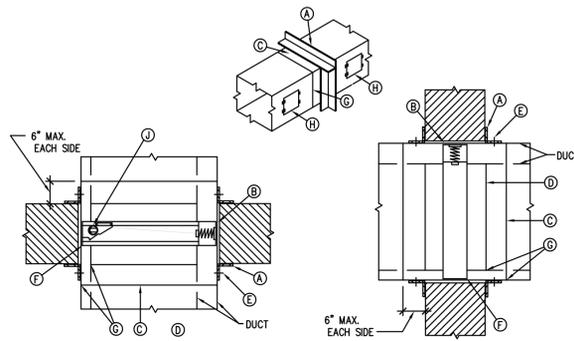


WASTE AND VENT RISER DIAGRAM
N.T.S.



WATER SUPPLY RISER DIAGRAM
N.T.S.

- PLUMBING LEGEND:**
- CW: COLD WATER SUPPLY PIPING
 - HW: HOT WATER SUPPLY PIPING
 - SDV: SANITARY, SOIL OR WASTE PIPING
 - VTR: VENT PIPING
 - CW: COLD WATER
 - HW: HOT WATER
 - CDV: COMBINATION DRAIN AND VENT
 - VTR: VENT THRU ROOF
 - BV: BALL VALVE
 - WA: WATER HAMMER ARRESTER



- (A) **RETAINING ANGLES:** MINIMUM 1 1/2" x 1 1/2" x 0.054 (16 GAUGE). RETAINING ANGLES MUST LAP STRUCTURAL OPENING 1" MINIMUM AND COVER OPENINGS OF CORNERS. CAULK THE EXTERIOR PERIMETER OF FIRE DAMPER RETAINING ANGLES WITH A THIN FILLET OF AN APPROVED CAULKING MATERIAL TO PREVENT THE PASSAGE OF SMOKE AND ALLOW MOVEMENT OF THE ANGLE.
- (B) **CLEARANCE:** 1/8" PER LINEAR FOOT IN BOTH DIMENSIONS (SEE NOTE 1 BELOW).
- (C) **STEEL SLEEVE:** 14 GAUGE, OR AS ALLOWED BY U.L. STANDARD 555.
- (D) **APPROVED FIRE DAMPER:** CURTAIN OR BLADE TYPE.
- (E) **SECURE RETAINING ANGLES TO SLEEVE:** ON 8" CENTERS WITH 1/2" LONG WELDS, OR 1/4" BOLTS AND NUTS, OR #10 STEEL SCREWS, OR MINIMUM 3/16" STEEL RIVETS.
- (F) **SECURE FIRE DAMPER TO SLEEVE:** ON 8" CENTERS WITH 1/2" LONG WELDS, OR 1/4" BOLTS AND NUTS, OR #10 STEEL SCREWS, OR MINIMUM 3/16" STEEL RIVETS.
- (G) **CONNECT DUCT TO SLEEVE OR FIRE DAMPER:** WITH BREAKAWAY CONNECTION.
- (H) **INSTALL HINGED ACCESS DOOR.**
- (I) **NEGATOR CLOSURE SPRING.**

NOTES:

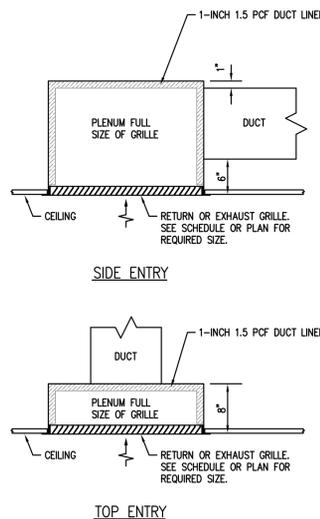
1. CLEARANCE REQUIREMENTS FOR FIRE DAMPER SLEEVES WITHIN OPENING IS BASED ON 1/8" PER FOOT OF WIDTH (OR HEIGHT) UNLESS OTHERWISE STATED IN THE LISTING OF THE ASSEMBLY. THE SLEEVE MAY REST ON THE BOTTOM OF THE OPENING, AND NEED NOT BE CENTERED. (FRACTIONAL DIMENSIONS SHALL BE TAKEN AS THE NEXT LARGER WHOLE FOOT). EXAMPLE: A 30" x 24" FIRE DAMPER SLEEVE IS INSTALLED IN A WALL/FLOOR OPENING. THE OPENING SHALL BE 30 3/8" WIDE (1/8" x 3") BY 24 1/4" HIGH (1/8" x 2").

THE SLEEVE IS RETAINED IN THE WALL/FLOOR BY THE USE OF STEEL RETAINING ANGLES (A). THESE MUST OVERLAP THE EDGE OF THE FRAMING BY A MINIMUM OF ONE (1) INCH OVER AND BEYOND ALL MATERIAL IN THE OPENING. THIS MEANS THAT THE MINIMUM WIDTH OF THE RETAINING ANGLE WOULD BE 1 3/8". (GOOD PRACTICE CALLS FOR AN ADDITIONAL SAFETY FACTOR BY MAKING THE ANGLE IN THIS CASE 1 1/2" WIDE).

THE DIMENSIONS REQUIRED FOR THE OPENING SHALL BE THOSE REMAINING AFTER THE OPENING HAS BEEN FRAMED AND THE FIRE RESISTIVE MATERIALS PROVIDED WHERE REQUIRED. THE FIRE RESISTIVE MATERIALS SHALL BE EQUAL TO THE REQUIREMENTS FOR FIRE RESISTIVE MATERIALS USED IN THE CONSTRUCTED WALL SO THAT A CONTINUOUS RATING EXISTS AT THE WALL/FLOOR PENETRATION. THE CONTRACTOR ERECTING THE WALL/FLOOR IS RESPONSIBLE FOR PROVIDING THE FIRE RESISTIVE MATERIAL AND CORRECT SIZE OPENINGS TO ACHIEVE THE REQUIRED CLEARANCE.

2. THE FIRE DAMPER MANUFACTURER'S INSTALLATION DETAILS AND INSTRUCTIONS AS TESTED AND APPROVED BY U.L. MUST BE USED IN LIEU OF THE ABOVE DETAILS WHERE APPLICABLE.

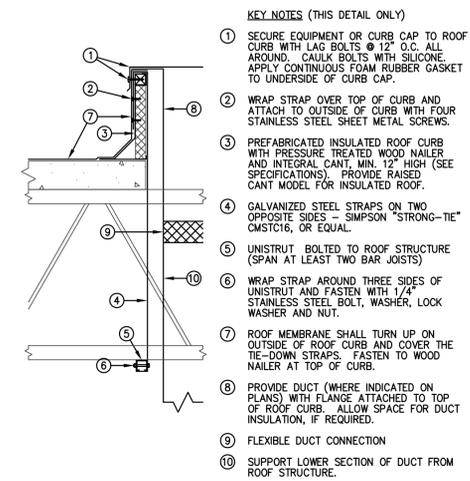
D FIRE DAMPER INSTALLATION



NOTES:

1. INSTALL BLADES OF GRILLE SO SIGHT LINE INTO PLENUM IS OBLSCURED FROM ROOM.
2. PROVIDE APPROPRIATE MOUNTING HARDWARE FOR GRILLE TO ACCOMMODATE CEILING TYPE.
3. BASES OF DESIGN: PRICE 6350AL.

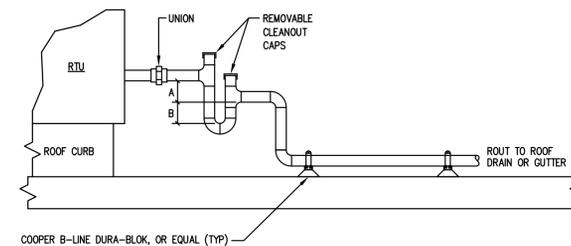
E RETURN OR EXHAUST CEILING GRILLE



KEY NOTES (THIS DETAIL ONLY)

- ① SECURE EQUIPMENT OR CURB CAP TO ROOF CURB WITH LAG BOLTS @ 12" O.C. ALL AROUND. CAULK BOLTS WITH SILICONE. APPLY CONTINUOUS FOAM RUBBER GASKET TO UNDERSIDE OF CURB CAP.
- ② WRAP STRAP OVER TOP OF CURB AND ATTACH TO OUTSIDE OF CURB WITH FOUR STAINLESS STEEL SHEET METAL SCREWS.
- ③ PREFABRICATED INSULATED ROOF CURB WITH PRESSURE TREATED WOOD NAILER AND INTEGRAL CANT, MIN. 12" HIGH (SEE SPECIFICATIONS). PROVIDE RAISED CANT MODEL FOR INSULATED ROOF.
- ④ GALVANIZED STEEL STRAPS ON TWO OPPOSITE SIDES - SIMPSON "STRONG-TIE" CMSTC16, OR EQUAL.
- ⑤ UNISTRUT BOLTED TO ROOF STRUCTURE (SPAN AT LEAST TWO BAR JOISTS)
- ⑥ WRAP STRAP AROUND THREE SIDES OF UNISTRUT AND FASTEN WITH 1/4" STAINLESS STEEL BOLT, WASHER, LOCK WASHER AND NUT.
- ⑦ ROOF MEMBRANE SHALL TURN UP ON OUTSIDE OF ROOF CURB AND COVER THE TIE-DOWN STRAPS. FASTEN TO WOOD NAILER AT TOP OF CURB.
- ⑧ PROVIDE DUCT (WHERE INDICATED ON PLANS) WITH FLANGE ATTACHED TO TOP OF ROOF CURB. ALLOW SPACE FOR DUCT INSULATION, IF REQUIRED.
- ⑨ FLEXIBLE DUCT CONNECTION
- ⑩ SUPPORT LOWER SECTION OF DUCT FROM ROOF STRUCTURE.

A ROOF CURB AND TIE-DOWN



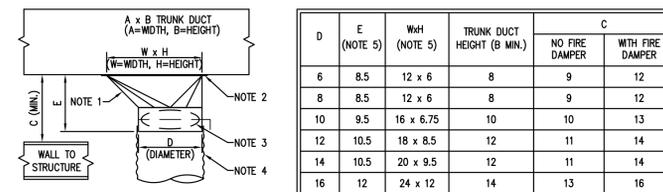
NOTES:

1. DRAIN LINE SHALL BE AT LEAST THE SAME SIZE AS THE CONNECTION ON THE DRAIN PAN (1" MIN.).
2. DRAIN LINE SHALL SLOPE 1/8" PER FOOT (MIN.).
3. SEE SPECIFICATIONS FOR PIPE AND INSULATION MATERIALS.

UNIT TYPE	A	B
DRAW-THRU	X PLUS 2"	X
BLOW-THRU	1" MIN.	2X

WHERE X=STATIC PRESSURE IN PAN

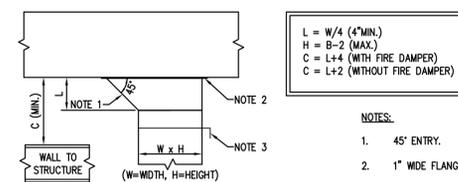
B CONDENSATE DRAIN



D	E (NOTE 5)	WxH (NOTE 5)	TRUNK DUCT HEIGHT (B MIN.)	C	
				NO FIRE DAMPER	WITH FIRE DAMPER
6	8.5	12 x 6	8	9	12
8	8.5	12 x 6	8	9	12
10	9.5	16 x 6.75	10	10	13
12	10.5	18 x 8.5	12	11	14
14	10.5	20 x 9.5	12	11	14
16	12	24 x 12	14	13	16

BASIS OF DESIGN - CROWN PRODUCTS CO., INC.

ROUND DUCT

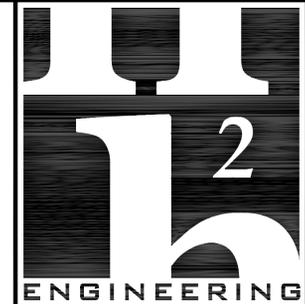


L = W/4 (4" MIN.)
H = B-2 (MAX.)
C = L+4 (WITH FIRE DAMPER)
C = L+2 (WITHOUT FIRE DAMPER)

NOTES:

1. 45° ENTRY.
2. 1" WIDE FLANGE WITH GASKET SEAL AROUND ENTIRE PERIMETER.
3. PROVIDE MANUAL BALANCING DAMPER. OPERATOR SHALL PENETRATE INSULATION.
4. USE ROUND TYPE TAKE-OFF FOR SUPPLY AIR TO NOT MORE THAN ONE TERMINAL.
5. WHEREVER THE DEPTH OF THE TRUNK DUCT IS LESS THAN THE ROUND RUNOUT DUCT DIAMETER, PROVIDE TRANSITION FITTING OF EQUIVALENT AREA TO THE RUNOUT DUCT.

C TYPICAL DUCT TAKE-OFF FITTINGS



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SEAL

LEON COUNTY FACILITIES MANAGEMENT

LAKE JACKSON TOWN CENTER AT HUNTINGTON TENANT FIT-OUT SUITE 200 & 105

LOCATION: Tallahassee, Florida

SUBMITTAL			
PHASE	DATE	DRAWN	CHECK
SCHEMATIC DESIGN	11/8/2012	-	-
100% CONSTRUCTION DOCUMENTS	3/18/2013	REM	RLC

REVISIONS		
REV	DATE	DESCRIPTION

SHEET TITLE

DETAILS - HVAC

DRAWING NO.

M201

GENERAL NOTES	
1.	DRAWINGS ARE DIAGRAMMATIC, INDICATIVE OF WORK TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL DIMENSIONS.
2.	FIELD VERIFY ALL DIMENSIONS AND ALL CONDITIONS. IF THE CONTRACTOR IS UNABLE TO INTERPRET THE CONTRACT DOCUMENTS, HE IS RESPONSIBLE TO REQUEST CLARIFICATION IN WRITING TO THE ARCHITECT. IF HE PROCEEDS WITH ANY WORK BEFORE OBTAINING CLARIFICATION, HE SHALL BE HELD RESPONSIBLE FOR ALL DEFICIENCIES ASSOCIATED THEREWITH.
3.	BEFORE SUBMITTING FOR THE WORK, EACH BIDDER WILL BE RESPONSIBLE TO EXAMINE THE PREMISES AND SATISFY HIMSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO OPERATE AND COMPLETE THE WORK UNDER THIS CONTRACT. NO ALLOWANCE WILL SUBSEQUENTLY BE MADE IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OR OMISSION ON HIS PART.
4.	THE CONTRACTOR SHALL PAY FOR ALL INSPECTION PERMITS, CERTIFICATES, CONNECTION FEES, SYSTEM DEMAND CHARGES AND LICENSE FEES IN CONNECTION WITH HIS WORK.
5.	CONSTRUCTION MANAGER/GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK OF ALL SUBCONTRACTORS TO AVOID INTERFERENCES.
6.	ALL WORK SHALL COMPLY WITH APPLICABLE O.S.H.A. AND E.P.A. REGULATIONS AND GUIDELINES.
7.	ERECT AND MAINTAIN ALL REASONABLE PRECAUTIONS FOR SAFETY AND HEALTH INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS INCLUDING PROMULGATING SAFETY REGULATIONS. PROVIDE SAFETY PRECAUTIONS AND BARRICADES FOR PEDESTRIANS AT CONSTRUCTION VEHICLE ACCESS AND EGRESS LOCATIONS.
8.	COORDINATE AND SEQUENCE ALL DEMOLITION, CLEANING AND CONSTRUCTION WORK. SUBMIT A COMPLETELY DETAILED CONSTRUCTION SCHEDULE PRIOR TO PRE-CONSTRUCTION CONFERENCE.
9.	THE CONTRACTOR SHALL STRICTLY BE HELD TO THE PROJECT SCHEDULE. HE SHALL PROVIDE SUFFICIENT MANPOWER AND EQUIPMENT TO FULLY MOBILIZE, PROCEED WITH AND COMPLETE THE WORK.
10.	THE CONTRACTOR SHALL BE RESTRICTED TO AREAS SPECIFIED BY THE OWNER FOR ON-SITE STORAGE OF CONSTRUCTION MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND SECURITY OF ALL EQUIPMENT AND MATERIALS.
11.	THE CONTRACTOR SHALL MAINTAIN A CLEAN WORK ENVIRONMENT AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF ALL DEBRIS AT COMPLETION OF THE JOB AND BEFORE FINAL PAYMENT IS MADE.
12.	THE CONTRACTOR SHALL FURNISH "AS-BUILT" DRAWINGS TO THE OWNER AT COMPLETION OF CONSTRUCTION.
13.	CONTRACTOR'S USE OF AN APPROVAL STAMP ON DOCUMENTS SUBMITTED AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS CERTIFIES THAT THE CONTRACTOR HAS COMPLIED WITH THE CONTRACT DOCUMENT REQUIREMENTS RELATED TO "SHOP DRAWINGS, PRODUCT DATA AND SAMPLES".
14.	THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT/ENGINEER'S APPROVAL THEREOF.
15.	PRIOR TO INSTALLATION, COORDINATE AND ADJUST THE FINAL LOCATION OF ALL WALL MOUNTED DEVICES AND EQUIPMENT WITH ALL CASEWORK, SHELVING, BLACKBOARDS, BULLETIN BOARDS OR OTHER WALL MOUNTED FURNISHINGS.
16.	SUPPORTS AND HANGERS SHALL PRESENT A NEAT, ORDERLY APPEARANCE.
17.	CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL FIRE AND SMOKE WALL ASSEMBLIES AND ACOUSTICAL WALLS.
18.	BEAM AND FLOOR PENETRATIONS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. BEAM SLEEVES AND BEAM REINFORCING APPROVED BY STRUCTURAL ENGINEER SHALL BE FURNISHED AND INSTALLED BY THIS CONTRACTOR.
19.	CONTRACTOR SHALL FURNISH U.L. APPROVED DRAWINGS FOR EACH TYPE OF FIRE RATED ASSEMBLY PENETRATION BY DUCTS, PIPES OR CONDUITS. THESE DRAWINGS SHALL BE DISPLAYED ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION. SEE SPECIFICATIONS.
20.	CONTRACTOR SHALL GUARANTEE THE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. THIS GUARANTEE SHALL BE IN ADDITION TO THE WARRANTIES PROVIDED BY MATERIAL SUPPLIERS AND MANUFACTURERS.
21.	EXIT WAYS SHALL BE KEPT CLEAR. IF AN EXIT MUST BE TEMPORARILY BLOCKED, PROVIDE THE REQUIRED BARRICADE AND DIRECTIONAL SIGNS FOR TEMPORARY EXITING AND SAFETY.
22.	REMOVE AND RE-INSTALL EXISTING CEILING TILE AS REQUIRED. REPLACE ANY TILE DAMAGED OR SOILED DURING CONSTRUCTION.
23.	PROVIDE PROPER PROTECTIVE MEASURES TO PROTECT EXISTING FURNITURE, CARPET AND FINISHES DURING THE COURSE OF CONSTRUCTION. TAKE CARE NOT TO DAMAGE EXISTING SURFACES. REPAIR TO MATCH EXISTING CONDITIONS AS REQUIRED.
24.	SEAL ALL HOLES IN WALLS, CEILINGS, FLOORS, ETC. TO MATCH EXISTING ADJACENT SURFACES WHERE EQUIPMENT, CONDUIT AND/OR PIPING ARE REMOVED.
25.	ALL EXISTING EQUIPMENT IS THE PROPERTY OF THE OWNER AND SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER. DISPOSE OF ALL MATERIALS AND EQUIPMENT SHOWN TO BE REMOVED IN ACCORDANCE WITH LOCAL REGULATIONS.
26.	ITEMS REMOVED AND SAVED FOR REUSE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL IDENTIFY ANY DEFECTIVE MATERIALS PRIOR TO DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO MATERIALS AT PROJECT COMPLETION NOT IDENTIFIED PRIOR TO DEMOLITION.
27.	RELOCATE, AS REQUIRED, ANY EXISTING WIRE AND CONDUIT WHICH INTERFERES WITH INSTALLATION OF THE NEW WORK.
28.	REMOVE ALL ELECTRICAL EQUIPMENT (CONDUIT, POWER & CONTROL WIRING, DISCONNECT SWITCHES, STARTERS, ETC.) RELATED TO EQUIPMENT BEING REMOVED OR REPLACED.
29.	ALL EXTERIOR DEVICES SHALL BE WEATHER PROOF ENCLOSURES AND GFI RATED IN ACCORDANCE WITH N.E.C. INSTALLER REQUIRED TO VERIFY PRIOR TO ORDERING MATERIALS.
30.	ALL DEVICE MOUNTING HEIGHTS INDICATED SHALL BE TO OUTLET BOX CENTER LINE.
31.	SEE ARCHITECTURAL DRAWINGS FOR EQUIPMENT, FIXTURES AND APPLIANCES TO BE SALVAGED.

ELECTRICAL DEMOLITION NOTES	
1.	UNLESS OTHERWISE NOTED, REMOVE ALL ELECTRICAL MATERIALS AND EQUIPMENT FROM AREAS INDICATED FOR DEMOLITION.
2.	REMOVE UNUSED CONDUIT TO THE EXTENT NECESSARY TO ACCOMMODATE NEW WORK AND WHERE CONDUIT IS VISIBLE ABOVE THE FLOOR LINE. EXISTING UNUSED CONDUIT WHICH IS CONCEALED, AND WHICH DOES NOT INTERFERE WITH THE WORK, MAY REMAIN IN PLACE. SEAL ABANDONED LINES THAT REMAIN IN PLACE BEHIND WALLS OR FLOOR SURFACES. REMOVE EXISTING UNUSED WIRES.
3.	WIRING AND CONDUIT TO ELECTRICAL DEVICES BEING REMOVED SHALL BE REMOVED BACK TO NEAREST JUNCTION BOX. ANY DEVICES DOWNSTREAM FROM THESE POINTS SHALL REMAIN OPERABLE.
4.	CONTRACTOR SHALL REMOVE ALL ELECTRICAL WORK FROM PARTITIONS AND WALLS BEING REMOVED. CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL LIGHTING FIXTURES SHOWN REQUIRING WORK. WORK INCLUDES REWIRING TO THE FIXTURES, SWITCHES AND RECEPTACLES. CONNECTION TO EXISTING CIRCUITS SHALL BE MADE EXCEPT WHERE OVERLOADING OCCURS; IN WHICH CASE, CONTRACTOR SHALL PROVIDE A NEW HOMERUN TO CLOSEST AVAILABLE PANEL AND PROVIDE A NEW CIRCUIT BREAKER EQUAL TO EXISTING. THE CIRCUITS TO NEW EQUIPMENT BY OTHER SHALL BE NEW HOMERUNS AND NEW CIRCUIT BREAKERS ADEQUATE FOR THE LOAD CONNECTED.
5.	CONTRACTOR SHALL, UPON COMPLETION OF WORK, ENSURE ALL EXISTING CIRCUITS ADJACENT THE REMODELED AREA(S) ARE IN PROPER WORKING CONDITION.
6.	CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS TO ELECTRICAL DEVICES REQUIRED TO ACCOMMODATE NEW WALLS AND CEILINGS. BECAUSE OF THE NATURE OF THE JOB, UNFORESSEEN INTERFERENCES MAY OCCUR. CLOSE COORDINATION BETWEEN TRADES IS REQUIRED. VERIFY ALL CONNECTION REQUIREMENTS BEFORE ROUGH-IN.
7.	ALL EXISTING LIGHT FIXTURES BEING REMOVED & REINSTALLED SHALL BE CLEANED AND RELAMPED. PROVIDE NEW BALLASTS AND LAMPS AS NEEDED FOR ALL EXISTING FIXTURES.

ELECTRICAL GENERAL NOTES	
1.	INSTALL ALL WORK IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2010 EDITION, THE FLORIDA FIRE PREVENTION CODE, THE NATIONAL ELECTRICAL CODE 2008 EDITION, AND ALL CODES, ORDINANCES, RULES AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION AT THIS SITE. WHERE CONFLICTS OCCUR BETWEEN CODES AND THE CONSTRUCTION DOCUMENTS, THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN.
2.	CONTRACTOR SHALL GUARANTEE THE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. THIS GUARANTEE SHALL BE IN ADDITION TO THE WARRANTIES PROVIDED BY MATERIAL SUPPLIERS AND MANUFACTURERS.
3.	ENTRY AND REMOVAL OF EQUIPMENT FROM THE BUILDING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR ANY DAMAGED MATERIALS TO THEIR ORIGINAL CONDITION. SURFACES SHALL BE REPAIRED TO MATCH THE EXISTING ADJACENT UNDEGRADED SURFACES.
4.	ALL WIRING SYSTEMS SHALL BE COPPER CONDUCTORS IN METALLIC CONDUIT, UNLESS NOTED OTHERWISE. WIRE AND CONDUIT SIZES SHOWN ARE BASED ON THW COPPER, UNLESS NOTED OTHERWISE. HEAVY WALL RIGID PVC CONDUIT SHALL BE USED IN SLABS AND BELOW GRADE AND WHERE INDICATED AND INTERMEDIATE GRADE CONDUIT AND ENT CONDUIT MAY BE USED ELSEWHERE WHERE APPROVED BY N.E.C. AND LOCAL CODES. FLEXIBLE METAL CONDUIT SHALL BE STEEL AND USED TO CONNECT EQUIPMENT WHERE INDICATED AND WHERE REQUIRED DUE TO VIBRATION AND CONNECTION ACCESSIBILITY.
5.	ALL CONDUIT SHALL BE STRAPPED IN ACCORDANCE WITH REQUIREMENTS OF N.E.C.
6.	CONTRACTOR SHALL BOND AND GROUND SYSTEMS AND EQUIPMENT PER ARTICLE 250 OF N.E.C. PROVIDE A GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH ARTICLE 250-122 N.E.C. ON ALL RECEPTACLES AND POWER BRANCH CIRCUITS.
7.	LIGHTING FIXTURES SHALL BE SECURELY FASTENED AND SUPPORTED PER N.E.C.
8.	THE CONTRACTOR SHALL COORDINATE THE CIRCUIT REQUIREMENTS WITH THE MANUFACTURER OF THE ACTUAL EQUIPMENT FURNISHED UNDER OTHER DIVISIONS OF WORK. THE CIRCUIT BREAKER, WIRE AND CONDUIT SHALL BE SIZED AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.
9.	ALL FLUORESCENT FIXTURES SHALL BE EQUIPPED WITH T8 LAMPS AND ELECTRONIC BALLASTS.
10.	ALL CIRCUIT BREAKERS SHALL BE BOLT-IN TYPE. USE PANELBOARDS WITH COPPER BUS IN LEIU OF LOAD CENTERS.
11.	PROVIDE A LAMINATED PLASTIC NAMEPLATE IDENTIFYING EACH NEW PANELBOARD, MOTOR STARTER AND DISCONNECT SWITCH. LETTERING SHALL BE 1/2" MINIMUM AND SHALL IDENTIFY EQUIPMENT SERVED, FEEDER ORIGIN AND CIRCUIT NUMBER. SECURE NAMEPLATE WITH SCREWS TO EQUIPMENT TO BE IDENTIFIED. PLASTIC TAPE IS NOT APPROVED.
12.	ALL MISCELLANEOUS EQUIPMENT TO BE FURNISHED UNDER OTHER SECTIONS OF THE SPECIFICATIONS THAT REQUIRE ELECTRICAL CONNECTIONS SHALL BE RECEIVED AND SET WITH ROUGH-IN AND FINAL CONNECTIONS MADE UNDER THESE SECTIONS.
13.	DUCT SMOKE DETECTORS SHALL BE FURNISHED AND WIRED UNDER DIVISION 26. COORDINATE INSTALLATION WITH DIVISION 23. INSTALL DUCT SMOKE DETECTORS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. SEE HVAC DRAWINGS FOR LOCATIONS OR INSTALL WHERE DIRECTED BY THE ENGINEER.
14.	IN ATTICS AND UNDERFLOOR SPACES CONTAINING EQUIPMENT REQUIRING SERVICING SUCH AS HEATING, AIR-CONDITIONING, AND REFRIGERATION EQUIPMENT, PROVIDE AT LEAST ONE LIGHTING OUTLET (FIXTURE) CONTAINING A SWITCH OR CONTROLLED BY A WALL SWITCH. AT LEAST ONE POINT OF CONTROL SHALL BE LOCATED AT THE USUAL POINT OF ENTRY TO THESE SPACES. ALSO PROVIDE RECEPTACLE OUTLET(S) AT READILY ACCESSIBLE LOCATION(S) FOR SERVICING THE EQUIPMENT.
15.	A 120V/20A GFI RECEPTACLE SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION FOR THE SERVICING OF HEATING, AIR-CONDITIONING, AND REFRIGERATION EQUIPMENT ON ROOFTOPS AND IN ATTICS AND CRAWL SPACES. THE RECEPTACLE SHALL BE LOCATED ON THE SAME LEVEL AND WITHIN 25 FT OF THE HEATING, AIR-CONDITIONING, AND REFRIGERATION EQUIPMENT. THE OUTLET SHALL NOT BE CONNECTED TO THE LOAD SIDE OF THE EQUIPMENT DISCONNECTING MEANS.
16.	PROVIDE CONDUIT AND BOX COLOR CODE PER FSJ CONSTRUCTION REQUIREMENTS.
17.	SECURITY, TELECOMMUNICATIONS & AUDIO/VISUAL CONDUITS 1-1/4" AND SMALLER INSTALLED IN INACCESSIBLE LOCATIONS SHALL BE FLEXIBLE METAL CONDUIT.
18.	COORDINATE ALL FLOOR BOX LOCATIONS WITH FLOOR JOISTS, LIGHT FIXTURES, OTHER TRADES, ETC. INDICATE PROPOSED LOCATION ON FLOOR WITH NON-PERMANENT MARK. THEN REQUEST APPROVAL OF THE ARCHITECT/ENGINEER BEFORE CUTTING FLOOR OR POURING SLAB.

ABBREVIATIONS	
ACT	ABOVE COUNTERTOP
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
CEB	MAIN COMMUNICATION EQUIPMENT RACK
CC	COMMUNICATION CABINET (OR RACK WHERE NOTED)
DN	DOWN
EM	FIXTURE PROVIDED W/ EMERGENCY BATTERY BALLAST (SEE SPECIFICATIONS)
ER	EXISTING ELECTRICAL DEVICE SHOWN AT RELOCATED POSITION
RE	REPLACE EXISTING ELECTRICAL DEVICE (AND COVER PLATE) AT THIS LOCATION
ENC	ELECTRIC WATER COOLER (ANY ENC RECEPT. THAT IS NOT HIDDEN BY THE ENC MUST BE A GFI TYPE)
EX	EXISTING ELECTRICAL DEVICES TO REMAIN
GFI	GROUND FAULT INTERRUPTER
G	GROUND
GRC	GALVANIZED RIGID CONDUIT
HID	HIGH INTENSITY DISCHARGE
NL	NIGHT LIGHT (FIXTURE CONNECTED UNSWITCHED)
UNO	UNLESS NOTED OTHERWISE
WP	WEATHERPROOF
W	SURFACE WIREMOLD DEVICE BOX

LIGHTING FIXTURE SCHEDULE					
CONTRACTOR SHALL COORDINATE FIXTURE TYPE WITH ARCHITECTURAL FINISH SCHEDULE(S) VOLTAGE 120V UNLESS NOTED OTHERWISE					
TYPE	MANUFACTURER	CATALOG NUMBER	LAMPS (1)		REMARKS (2)
			NO.	TYPE	
C11	DAYBRITE LITHONIA METALUX	DW232UNV1/2EB10 EQUAL EQUAL	2	F32/T8	4' FLUORESCENT ARCHITECTURAL WRAPAROUND W/ HIGH IMPACT ACRYLIC PRISMATIC DIFFUSER AND <10% THD ELECTRONIC MULTI-VOLT BALLAST
F11	DAYBRITE LITHONIA METALUX	T232UNV1/2EB10/CG4 EQUAL EQUAL	2	F32/T8	4' FLUORESCENT GENERAL PURPOSE STRIP - STEEL HOUSING, SURFACE OR CHAIN MOUNTED WITH WIRE GUARD & <10% THD ELECTRONIC MULTI-VOLT BALLAST
E12	BEGHELLI LITHONIA METALUX	VA4RSA EQUAL EQUAL	INC.	LED	EXIT LIGHT - STENCIL FACE W/ RED LED LETTERING IN ENGINEERING GRADE WHITE POLYCARBONATE HOUSING WITH UNIVERSAL MOUNTINGS & NICKEL-CADMIUM EMERGENCY BATTERY
E02	MCPHILBEN LITHONIA METALUX	CAX6 EQUAL EQUAL	INC.	IT	EMERGENCY LIGHTING UNIT - IVORY-WHITE POLYCARBONATE HOUSING W/ HIGH-TEMPERATURE ACRYLIC LENSES & 16 WATT SEALED, MAINTENANCE-FREE LEAD-CALCIUM BATTERY
R12	NITE BRITES LUMINAIRE XX	NWP070S12-LP EQUAL EQUAL	1	70W HPS	HIGH PRESSURE SODIUM MINI WALL PACK W/ DIE-CAST ALUMINUM HOUSING, UV STABILIZED POLYCARBONATE LENS, BRONZE FINISH AND INTRAGAL PHOTOCCELL.
Z01	NITE BRITES LUMINAIRE XX	WLP-150-S-LP-PEC-MT EQUAL EQUAL	1	150W HPS	WALL MOUNTED EXTERIOR HIGH PRESSURE SODIUM WALL PACK WITH INTRAGAL PHOTOCCELL, DIE CAST ALUMINUM HOUSING AND CLEAR PRISMATIC BOROSILICATE GLASS LENS.
LIGHT FIXTURES DEEMED EQUAL TO THOSE SPECIFIED SHALL BE SUBMITTED FOR PRIOR APPROVAL.					
1. ALL 4' FLUORESCENT LAMPS SHALL BE 4100K UNLESS NOTED OTHERWISE.					
2. PROVIDE FIXTURE WITH EMERGENCY BALLAST (PER SPECIFICATIONS) WHERE SHOWN ON DRAWINGS (SEE LEGEND FOR EMERGENCY FIXTURE IDENTIFICATION).					
3. ALL EXTERIOR LIGHTS FIXTURES, POLES AND FOUNDATIONS SHALL BE DESIGNED TO WITHSTAND A SUSTAINED WINDLOAD OF 110 MPH.					

FIRE ALARM	
	DUCT MOUNTED SMOKE DETECTOR [SELF-CONTAINED, 120V OPERATION. PROVIDE 120-24 VOLT TRANSFORMER AND AUXILIARY CONTACTS TO SHUT DOWN AHU. ALSO PROVIDE REMOTE LED & AUDIBLE ALARM DEVICE TO MEET REQ. OF NFPA 90A 6.4.4.3. LOCATE AS SHOWN.]
	REMOTE INDICATOR FOR DUCT MOUNTED SMOKE DETECTORS WITH VISUAL AND AUDIBLE ALARM & TROUBLE INDICATION.
TELECOMMUNICATIONS	
	COMMUNICATIONS BACKBOARD - EXTERIOR GRADE PLYWOOD, 8" HIGH X 3/4" THICK X WIDTH SHOWN ON PLANS. [PROVIDE #6 GRD. WIRE WITH 8FT. OF COILED SLACK. ROUTE #6 IN 1/2" C. TO MAIN BLDG. GRD.]
	COMMUNICATIONS TERMINAL OUTLET - 4" SQUARE OUTLET BOX, 2 1/8" DEEP WITH 1-GANG PLASTER RING. MOUNT AT 18" AFF. ROUTE 1" CONDUIT.
TELEVISION	
	TELEVISION OUTLET - MOUNT 60" AFF UNLESS OTHERWISE NOTED. PROVIDE 3/4" CONDUIT WITH PULL STRING TO BLDG. TV BACKBOARD (TVBB), INCLUDE TV CONNECTOR AND PLATE.
	TELEVISION BACKBOARD - INDICATES LOCATION ON CBB FOR TV TERMINATION EQUIPMENT.

ELECTRICAL SYMBOLS LEGEND CONT	
POWER	
	DUPLEX RECEPTACLE - 120 VOLT, 20 AMP, 3 POLE GROUNDING TYPE, MOUNT 18" AFF UNLESS NOTED OTHERWISE
	DUPLEX RECEPTACLE - 120 VOLT, 20 AMP, 3 POLE GROUNDING TYPE, MOUNT ABOVE COUNTERTOP
	DUPLEX RECEPTACLE SERVICING TV - 120 VOLT, 20 AMP, 3 POLE GROUNDING TYPE, MOUNT 78" AFF (U.N.O.)
	CONDUIT STUB-UP TO CAST STEEL BOX WITH DUPLEX RECEPTABLES - 4" AFF.
	QUADRUPLEX RECEPTACLE - 120 VOLT, 20 AMP, 3 POLE GROUNDING TYPE, MOUNT 18" AFF UNLESS NOTED OTHERWISE
	SPECIAL PURPOSE RECEPTACLE - PROVIDE RECEPTACLE TO MATCH EQUIPMENT TO BE RECEIVED, MOUNT 18" AFF UNLESS NOTED OTHERWISE
	12"x12"x4" DEEP PULL/JUNCTION BOX W/SCREW COVER (UNO)
	JUNCTION BOX - 4" SQUARE UNLESS NOTED OTHERWISE
	WIRE IN CONDUIT - CONCEALED IN WALL OR CEILING
	WIRE IN CONDUIT - CONCEALED IN FLOOR OR UNDERGROUND
	WIRE IN CONDUIT - INSTALLED EXPOSED. CONDUIT PATH TO BE GENERALLY AS DRAWN.
	LOW VOLTAGE WIRING FOR LIGHTING CONTROL
	HOMERUN TO PANEL - ARROWS INDICATE NUMBER OF CIRCUITS, SLASH MARKS INDICATE NUMBER OF PHASE CONDUCTORS, NO SLASH MARKS INDICATE 2 CURRENT CARRYING CONDUCTORS, LONG SLASH MARK(S) INDICATE NEUTRAL CONDUCTOR(S). (NOTE THAT THE GREEN GROUND WIRE IS NOT SHOWN BUT IS REQUIRED IN EACH FEEDER, LIGHTING, RECEPTACLE, AND POWER BRANCH CIRCUIT.
	PUSH BUTTON CONTROLLER
	ELECTRIC PANEL - 120/208 VOLT
	MOTOR - NUMBER INDICATES HORSEPOWER
	DISCONNECT SWITCH - SEE DRAWING FOR SIZE *
	MAGNETIC MOTOR STARTER - SEE DRAWING FOR SIZE *
	COMBINATION DISCONNECT SWITCH & MAGNETIC MOTOR STARTER - WHEN SERVICING MOTOR 15 HP OR LARGER, REDUCED VOLTAGE STARTER IS REQUIRED. (SEPARATE ITEMS ACCEPTABLE IN PLACE OF COMBINATION) - SEE DRAWING FOR SIZE *
	ELECTRICAL DEVICES TO BE REMOVED
	2 CIRCUIT PLUG MOLD 8FT LONG W/ OUTLETS ON 6" CENTERS & W/ SURGE SUPPRESSION
	RELOCATE EXISTING DEVICE TO POSITION SHOWN



ELECTRICAL SYMBOLS LEGEND	
NOTE: AN ELECTRICAL SYMBOL SHOWN IN THIS LEGEND IS NOT MEANT TO INDICATE THAT THE SPECIFIC EQUIPMENT IS REQUIRED FOR THIS PROJECT. (SEE THE FOLLOWING SHEETS FOR EQUIPMENT REQUIRED ON THIS PROJECT.)	
LIGHTING AND LIGHTING CONTROLS	
	FLUORESCENT LIGHT FIXTURE - CAPITAL LETTER INDICATES FIXTURE TYPE
	FLUORESCENT STRIP FIXTURE
	INCANDESCENT, HID, OR COMPACT FLUORESCENT FIXTURE
	SUSPENDED INCANDESCENT, HID, OR COMPACT FLUORESCENT FIXTURE
	EXIT LIGHT FIXTURE - PROVIDE ARROWS WHERE SHOWN. SUB-NUMBER "2" INDICATES DOUBLE-FACE EXIT LIGHT (POWERED EXIT SIGNS SHALL BE WIRED "UNSWITCHED")
	EMERGENCY LIGHTING UNIT (BATTERY POWERED)
	DIRECTIONAL FLOOD LIGHT
	PHOTOELECTRIC CELL - MOUNT NEAR TOP OF EXTERIOR WALL WHERE IT IS IN DIRECT SUNLIGHT
	DENOTES WALL MOUNTED DEVICE
	LIGHTING CONTACTOR
	TIME CLOCK - [INTERMATIC ET70415CR-120V - OR APPROVED EQUAL.] [PHOTO-INITIATED 7 DAY TIME CLOCK 3PST W/SPRING WOUND CARRY OVER]
	SINGLE-POLE TOGGLE SWITCH - 120/277 VOLT, 20 AMP, MOUNT 48" AFF
	THREE-WAY SWITCH - 120/277 VOLT, 20 AMP, MOUNT 48" AFF
	MOTOR RATED TOGGLE SWITCH (20A/1P U.N.O.)
	EXISTING SWITCH TO BE REMOVED
	OCCUPANCY SENSOR - LINE VOLTAGE, WALL MOUNTED, DUAL TECHNOLOGY - MOUNT 48" AFF
	OCCUPANCY SENSOR - LINE VOLTAGE, CEILING MOUNTED, DUAL TECHNOLOGY - MOUNT 48" AFF
	OCCUPANCY SENSOR - LINE VOLTAGE, CEILING MOUNTED, PASSIVE INFRARED
	OCCUPANCY SENSOR - LOW VOLTAGE, CEILING MOUNTED, DUAL TECHNOLOGY
	OCCUPANCY SENSOR - LOW VOLTAGE, CEILING MOUNTED, PASSIVE INFRARED
	OCCUPANCY SENSOR - LOW VOLTAGE, CEILING CORNER MOUNTED, DUAL TECHNOLOGY
	OCCUPANCY SENSOR - LOW VOLTAGE, CEILING MOUNTED, ULTRASONIC - COVERAGE FOR LONG NARROW APPLICATIONS (CORRIDORS, ETC.)
	OCCUPANCY SENSOR POWER PACK FOR LOW VOLTAGE SENSORS - MATCH TO VOLTAGE OF LIGHTS (120/277) - LOCATE ABOVE CEILING WHERE POSSIBLE
	OCCUPANCY SENSOR AUXILIARY RELAY PACK WITH SENSOR FOR USE WITH POWER PACK - LOCATE ABOVE CEILING WHERE POSSIBLE
	DIGITAL TIME SWITCH W/ AUDIBLE OR VISUAL ALERT BEFORE LIGHTS TURN OFF - MOUNT 48" AFF

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DRAWING INDEX	
E001	GENERAL NOTES, LEGEND & SCHEDULE - ELECTRICAL
ED001	FLOOR PLAN - LIGHTING DEMOLITION
E201	FLOOR PLAN - POWER DEMOLITION
E101	FLOOR PLAN - LIGHTING
E201	FLOOR PLAN - POWER
E301	PANEL SCHEDULES AND POWER RISER - ELECTRICAL

H2 ENGINEERING

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H2E PROJECT No. 1264

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SEAL

LEON COUNTY FACILITIES MANAGEMENT

LAKE JACKSON TOWN CENTER AT HUNTINGTON TENANT FIT-OUT SUITE 200 & 105

LOCATION: Tallahassee, Florida

SUBMITTAL			
PHASE	DATE	DRAWN	CHECK
SCHEMATIC DESIGN	11/8/2012	RCT	MJO
100% CONSTRUCTION DOCUMENTS	3/18/2013	MJO	PCL

REVISIONS

REV	DATE	DESCRIPTION

SHEET TITLE

GENERAL NOTES LEGEND & SCHEDULE - ELECTRICAL

DRAWING NO.

E001



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FACILITIES
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**LAKE JACKSON
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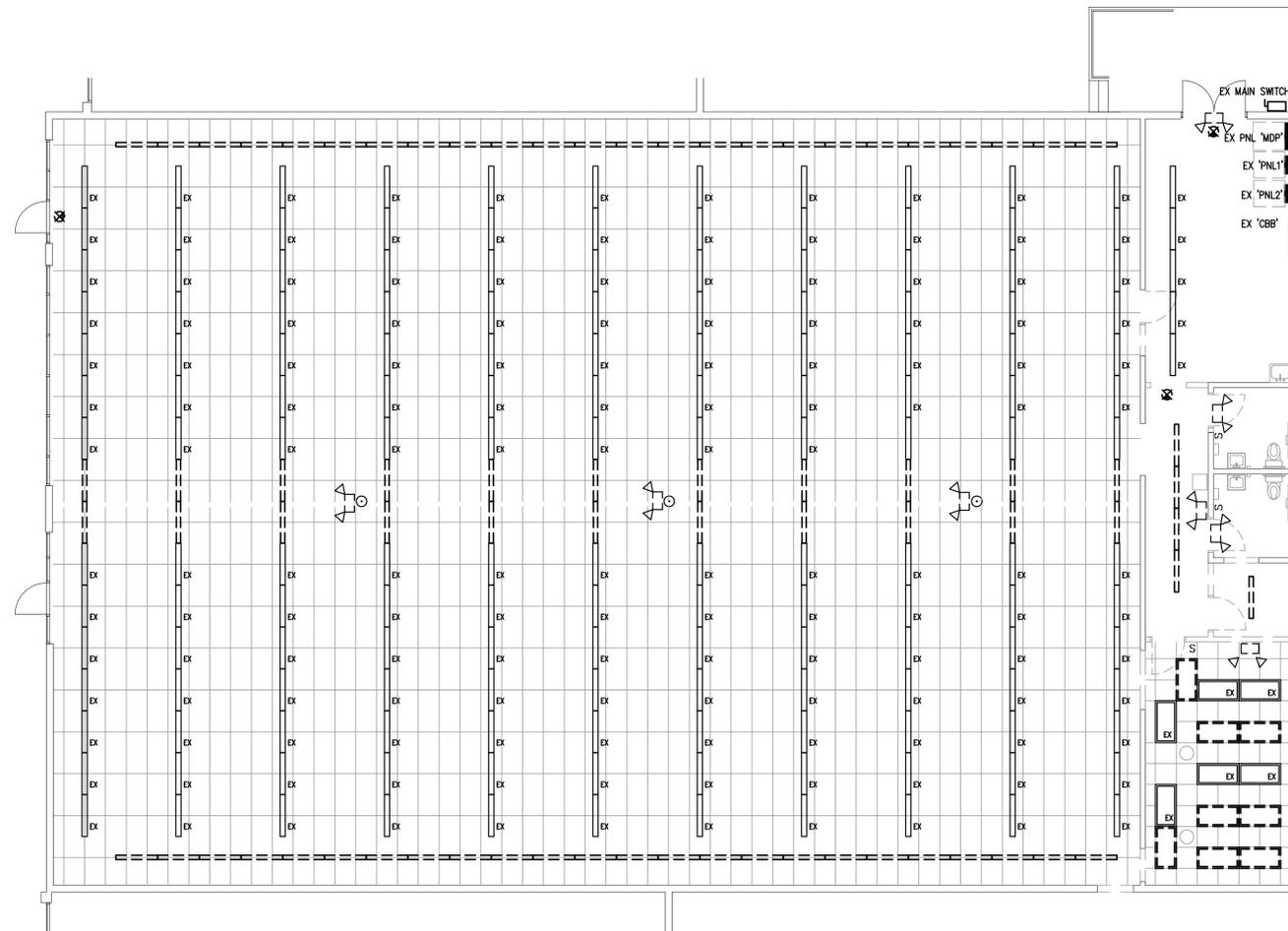
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SCHEMATIC DESIGN	11/8/2012	MJO	MJO
100% CONSTRUCTION DOCUMENTS	3/18/2013	MJO	PCL

REVISIONS		
REV	DATE	DESCRIPTION
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SHEET TITLE
**FLOOR PLAN -
LIGHTING DEMOLITION**

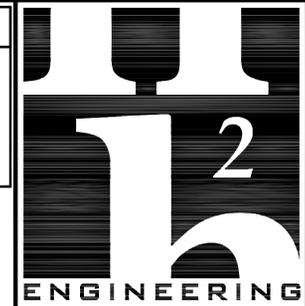
DRAWING NO.
ED101



 **FLOOR PLAN - LIGHTING DEMOLITION**
1/8" = 1'-0"
NORTH

KEY NOTES

- ① EXISTING RECEPTACLES, COMMUNICATION OUTLETS, ETC. IN THIS ROOM SHALL REMAIN (UNO).
- ② REMOVE CIRCUIT BACK TO PANEL.



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Peter C. Lindstrom, P.E. #47096

SEAL

**LEON COUNTY
FACILITIES
MANAGEMENT**

**LAKE JACKSON
TOWN CENTER AT
HUNTINGTON
TENANT FIT-OUT
SUITE 200 & 105**

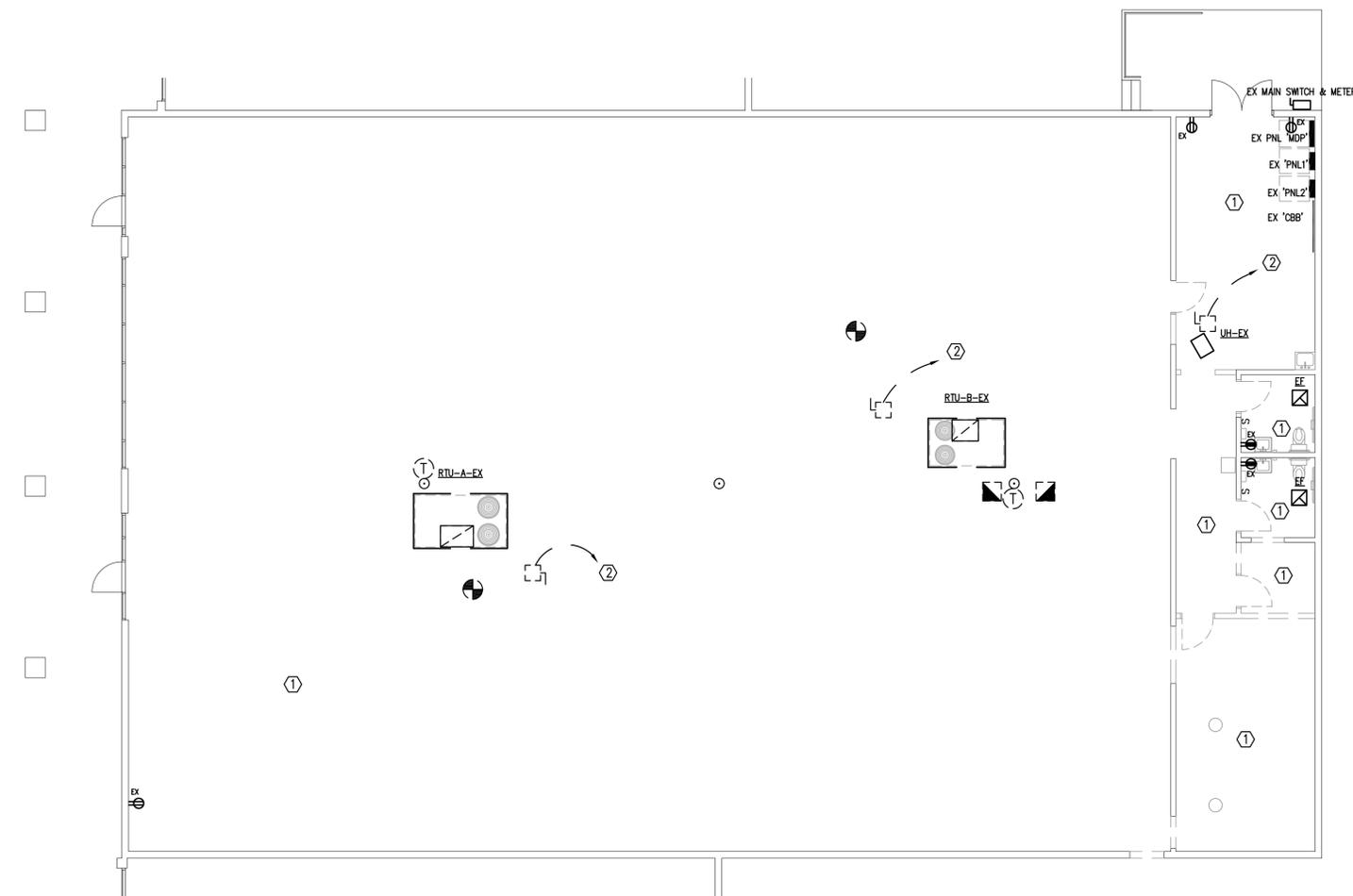
LOCATION: Tallahassee, Florida

SUBMITTAL			
PHASE	DATE	DRAWN	CHECK
SCHEMATIC DESIGN	11/8/2012	MO	RLC
100% CONSTRUCTION DOCUMENTS	3/18/2013	MO	RLC

REVISIONS		
REV	DATE	DESCRIPTION
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SHEET TITLE
**FLOOR PLAN -
POWER DEMOLITION**

DRAWING NO.
ED201



 **FLOOR PLAN - POWER DEMOLITION**
1/8" = 1'-0"
NORTH

KEY NOTES APPLY TO THIS SHEET ONLY

- ① 2#12, #2G, 1/2" C. CONNECT TO UNSWITCHED SIDE OF ROOM LIGHTING CIRCUIT.
- ② INTERCEPT EXISTING ROOM LIGHTING CIRCUIT AHEAD OF ROOM SWITCH AND INSTALL LINE VOLTAGE OCCUPANCY SENSOR, RE-CIRCUIT TO NEW PANEL 'PNL3'.
- ③ EXISTING ROOM LIGHTING TO REMAIN, RE-CIRCUIT TO NEW PANEL 'PNL3'. REPLACE ROOM LIGHT SWITCH WITH OCCUPANCY SENSOR WHERE SHOWN.
- ④ CONNECT EXISTING ROOM LIGHTING TO NEW LIGHTING CIRCUIT.
- ⑤ CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT. VERIFY CIRCUIT CAPACITY.
- ⑥ RE-WORK EXISTING LIGHTING AS REQUIRED TO INSTALL POWER PACK WITH LOW-VOLTAGE OCCUPANCY SENSORS. WIRE AND CONDUIT MAY BE REUSED. REUSE EXISTING LIGHTING BREAKERS.
- ⑦ INSTALL POWER PACK WITH LOW-VOLTAGE OCCUPANCY SENSORS AND PROVIDE NEW HOMERUN AS SHOWN TO NEW PANEL 'PNL3'.
- ⑧ TO EXHAUST FAN - CIRCUITED AND CONTROLLED WITH LIGHT FIXTURE.



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LEON COUNTY FACILITIES MANAGEMENT

LAKE JACKSON TOWN CENTER AT HUNTINGTON TENANT FIT-OUT SUITE 200 & 105

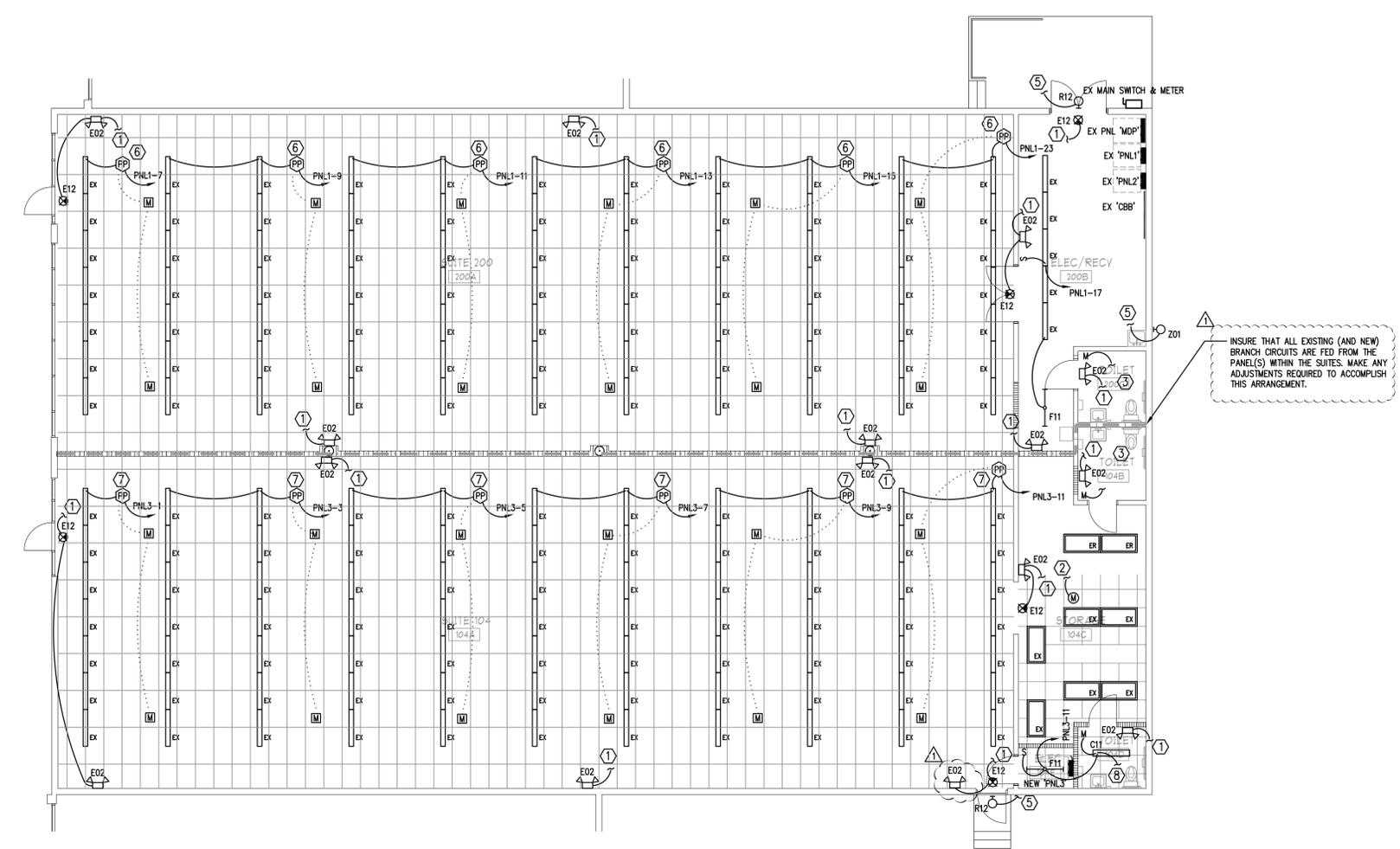
LOCATION: Tallahassee, Florida

SUBMITTAL			
PHASE	DATE	DRAWN	CHECK
SCHEMATIC DESIGN	11/8/2012	MJO	MJO
100% CONSTRUCTION DOCUMENTS	3/18/2013	MJO	PCL

REVISIONS		
REV	DATE	DESCRIPTION
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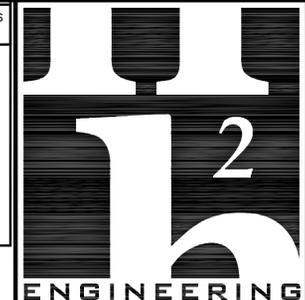
SHEET TITLE
FLOOR PLAN - LIGHTING

DRAWING NO.
E101



FLOOR PLAN - LIGHTING
1/8" = 1'-0"
NORTH

- KEY NOTES** APPLY TO THIS SHEET ONLY
- ① THE MEANS OF DISCONNECT IS PROVIDED WITH THE UNIT (BY DIV. 23).
 - ② GFI RECEPTACLE IS PROVIDED WITH THE UNIT (BY DIV. 23). PROVIDE CIRCUITING AS SHOWN.
 - ③ RE-CIRCUIT RECEPTACLE CIRCUIT HOMERUN(S) IN THIS ROOM TO NEW PANEL 'PNL3'.



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LEON COUNTY FACILITIES MANAGEMENT

LAKE JACKSON TOWN CENTER AT HUNTINGTON TENANT FIT-OUT SUITE 200 & 105

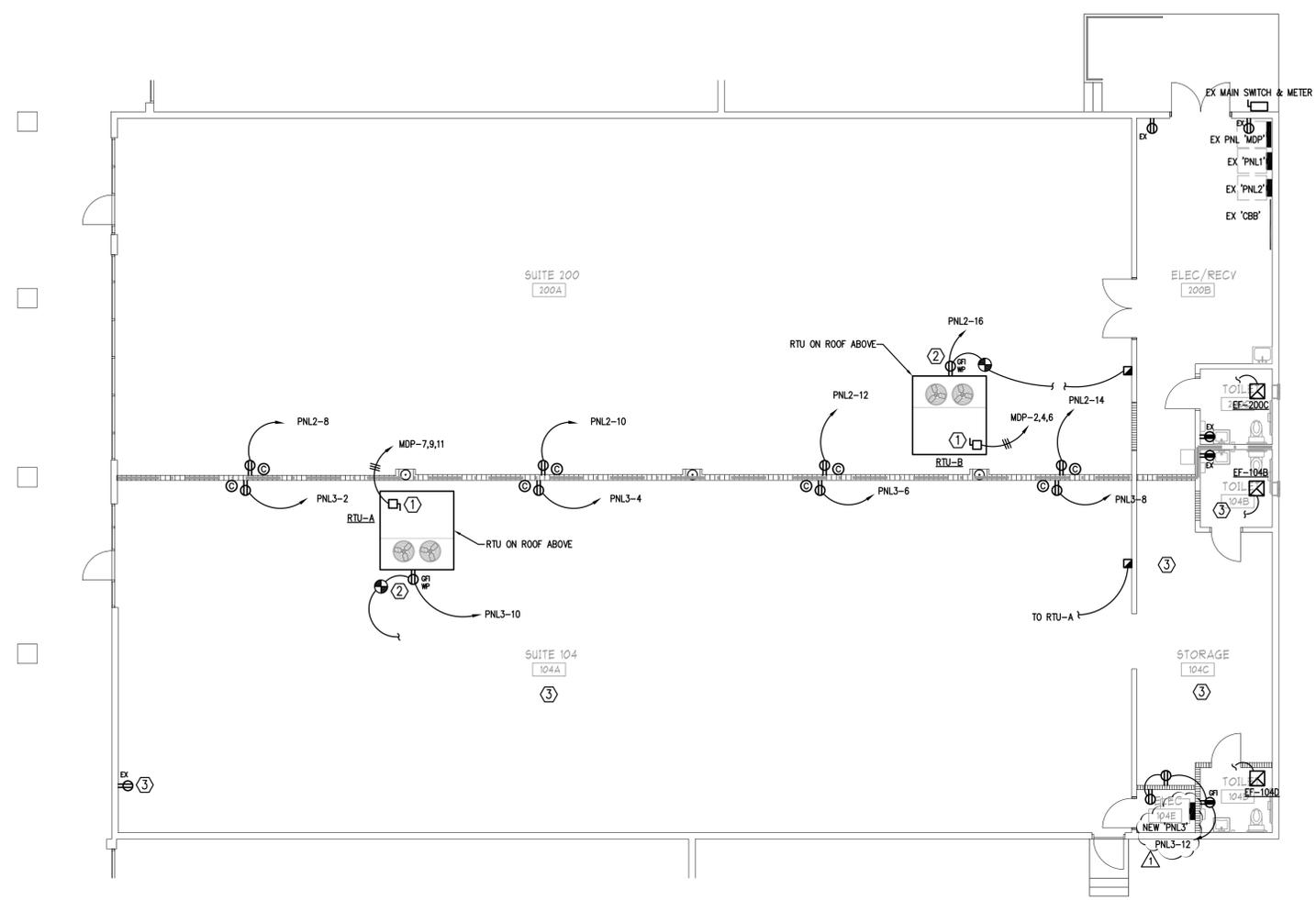
LOCATION: Tallahassee, Florida

SUBMITTAL			
PHASE	DATE	DRAWN	CHECK
SCHEMATIC DESIGN	11/8/2012	MJO	MJO
100% CONSTRUCTION DOCUMENTS	3/18/2013	MJO	PCL

REVISIONS		
REV	DATE	DESCRIPTION
Δ	5/03/13	REG REV RESPONSE 1
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SHEET TITLE
FLOOR PLAN - POWER

DRAWING NO.
E201



FLOOR PLAN - POWER
1/8" = 1'-0"
NORTH

GENERAL NOTES

LIGHT LINES INDICATE EXISTING EQUIPMENT, DARK LINES INDICATE NEW WORK/EQUIPMENT.

KEY NOTES APPLY TO THIS SHEET ONLY

- REUSE EXISTING 125A/3P BREAKER.
- REPLACE EXISTING 60A/3P WITH A 125A/3P BREAKER.
- PROVIDE NEW BREAKER IN EXISTING SPACE.
- REMOVE OLD EMERGENCY LIGHTS SWITCH.
- PROVIDE NEW 30A/3P SWITCH F. 000A. FEED NEW SURGE PROTECT 10N DEVICE (SSI SKLX 3Y1)
- VERIFY THAT THIS IS A SPARE BKR AND RELABEL PANEL DIRECTORY.

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600A, 120/208V, 3Ø, 4W
MLO
IER=10,000 AIC RMS SYM

EXISTING PANEL 'MDP' CIRCUIT SCHEDULE SURFACE

CIRCUIT	SERVING	CONN. LOAD	COND. SIZE	WIRE SIZE	CKT. BREAKER			PHASE	CKT. BREAKER	COND. SIZE	CONN. LOAD	SERVING	CIRCUIT	
					BKR	CLASS	POLE							
1	AC ROOFTOP	XX		X	80		3	3	125	2	1 1/2"	92	AC ROOFTOP RTU-B	2
3		XX										92		4
5		XX										92		6
7	AC ROOFTOP RTU-A	92	1 1/2"	2	125		3	3	200	3/0	2"	32	NEW PANEL 'PNL3'	8
9		92										32		10
11		92										32		12
13	EX PANEL 'PNL2'	90	2"	3/0	200		3	3	150	1/0	2"	86	EX PANEL 'PNL1'	14
15		90										86		16
17		90										86		18
19														20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42

CONNECTED LOAD: 392 AMPS

225A, 120/208V, 3Ø, 4W
MLO
IER=10,000 AIC RMS SYM

EXISTING PANEL 'PNL2' CIRCUIT SCHEDULE SURFACE

CIRCUIT	SERVING	CONN. LOAD	COND. SIZE	WIRE SIZE	CKT. BREAKER			PHASE	CKT. BREAKER	COND. SIZE	CONN. LOAD	SERVING	CIRCUIT				
					BKR	CLASS	POLE										
1	SPARE	-	-	-	-	-	3	3	20	12	1 1/2"	15	RECEPT. POWER POLE	2			
3		-	-	-	-	-						15		4			
5		-	-	-	-	-						15		6			
7	SPARE	-	-	-	-	-	1	1	12	3/4"	5	5	RECEPTS FRONT	8			
9		-	-	-	-	-						5		10			
11		-	-	-	-	-						5		12			
13		-	-	-	-	-						5		14			
15	REC. GF1 OUT FRONT	±6	1/2"	12								5	5	ROOF AND DET.	16		
17	SPARE	-	-	-	-	-						-	-	SPARE	18		
19		-	-	-	-	-						12	3/4"	±6	REC. OFFICE	20	
21		-	-	-	-	-						-	-	SPARE	22		
23		-	-	-	-	-						±6	±6	REC. RECEIVING	24		
25	REC. OFFICE	±6	1/2"	12								±6	±6	REC. PHONE	26		
27	REC. OFFICE	±6										±6	±6	REC. GF1 OUT FRONT	28		
29	REC. OFFICE	±6										±6	±6	REC. OFFICE	30		
31	REC.	±6										±6	±6	HOT WATER HTR.	32		
33	SPARE	-	-	-	-	-						24	24		34		
35		-	-	-	-	-						24	24		36		
37		-	-	-	-	-						1	20	12	1 1/2"	COOLER	38
39	REC. GF1 FRONT	±6	1/2"	12								20	12	3/4"	11	FREEZER	40
41	SPARE	-	-	-	-	-						-	-		11		42

CONNECTED LOAD: 90 AMPS

225, 120/208V, 3Ø, 4W
MLO
IER=10,000 AIC RMS SYM

EXISTING PANEL 'PNL1' CIRCUIT SCHEDULE SURFACE

CIRCUIT	SERVING	CONN. LOAD	COND. SIZE	WIRE SIZE	CKT. BREAKER			PHASE	CKT. BREAKER	COND. SIZE	CONN. LOAD	SERVING	CIRCUIT			
					BKR	CLASS	POLE									
1	SPARE	-	-	-	-	-	20	1	1			SPARE	2			
3		-	-	-	-	-							4			
5		-	-	-	-	-							6			
7	LGTS - FRONT	±6	1/2"	12								12	1 1/2"	±6	LGTS - FRONT	8
9	LGTS - FRONT	±6										±6	±6	LGTS - FRONT	10	
11	LGTS - FRONT	±6										±6	±6	LGTS - FRONT	12	
13	LGTS - FRONT	±6										±6	±6	LGTS - FRONT	14	
15	LGTS - FRONT	±6										±6	±6	LGTS - FRONT	16	
17	LGTS - HALL/RECEIVING	±6										±6	±6	LGTS - FRONT	18	
19	SPARE	-	-	-	-	-						±6	±6	LGTS - BACK OFFICE	20	
21	SPARE	-	-	-	-	-						±6	±6	? ?	22	
23	LGTS - FRONT	±6	1/2"	12								±6	±6	AC TIMECLOCK	24	
25	LGTS - FRONT	±6										±6	±6	REC - SECURITY	26	
27	LGTS - EMERGENCY	±6										±6	±6	LGTS - STORE SIGN	28	
29	LGTS - TIME CLOCK	±6										-	-	SPARE	30	
31	LGTS - TIME CLOCK	±6										12	1 1/2"	±6	TIME CLOCK	32
33	LGTS - TIME CLOCK	±6										-	-	SPARE	34	
35	LGTS - T.C. FRONT	±6										30	40	32	RECEIVING HEATER	36
37	SPARE	-	-	-	-	-						30	30	32		38
39	SPARE	-	-	-	-	-						30	30	32		40
41	SPARE	-	-	-	-	-						30	30	-	SPARE	42

CONNECTED LOAD: ±86 AMPS

225A, 120/208V, 3Ø, 4W
MLO
IER=10,000 AIC RMS SYM

NEW PANEL 'PNL3' CIRCUIT SCHEDULE SURFACE

CIRCUIT	SERVING	CONN. LOAD	COND. SIZE	WIRE SIZE	CKT. BREAKER			PHASE	CKT. BREAKER	COND. SIZE	CONN. LOAD	SERVING	CIRCUIT
					BKR	CLASS	POLE						
1	LGTS - FRONT	3	1 1/2"	12	20		1	1	1			REC. - FRONT	2
3		6											4
5		6											6
7		6											8
9		6											10
11		6											12
13	- BACK	13											14
15	- EXISTING	8											16
17	SPARE	-	-	-	-	-							18
19		-	-	-	-	-							20
21		-	-	-	-	-							22
23		-	-	-	-	-							24
25	SPACE	-	-	-	-	-							26
27		-	-	-	-	-							28
29		-	-	-	-	-							30
31		-	-	-	-	-							32
33		-	-	-	-	-							34
35		-	-	-	-	-							36
37		-	-	-	-	-							38
39		-	-	-	-	-							40
41		-	-	-	-	-							42

CONNECTED LOAD: 32 AMPS

CONDUCTOR SCHEDULE

MARK		CONDUIT
1	3#12, 1#12G.	1/2"
2	3#10, 1#10 G.	3/4"
3	3#8, 1#10 G.	3/4"
4	4#8, 1#10 G.	3/4"
5	4#8, 1#10 G.	2"
6	4#8, 1#10 G.	3/4"
7	4#6, 1#8 G.	1"
8	3#4, 1#8 G.	1"
9	4#4, 1#8 G.	1"
10	4#3, 1#8 G.	1 1/4"
11	4#3, 1#8 G.	2"
12	3#1, 1#6 G.	1 1/2"
13	4#1, 1#6 G.	1 1/2"
14	4#1, 1#6 G.	2"
15	4#1/0, 1#6 G.	2"
16	3#2/0, 1#4 G.	2"
17	4#2/0, 1#4 G.	2"
18	4#3/0, 1#4 G.	2"
19	3#4/0, 1#2 G.	2 1/2"
20	4#4/0, 1#2 G.	2 1/2"
21	4#4/0, 1#2 G.	4"
22	2-250MCM, 1#2 G.	2 1/2"
23	4-250MCM, 1#2 G.	3"
24	4-250MCM, 1#2 G.	4"
25	4-350MCM, 1#2 G.	3"
26	4-350MCM, 1#2 G.	4"
27	3-500MCM, 1#1/0 G.	3 1/2"
28	4-500MCM, 1#1/0 G.	3 1/2"
29	4-500MCM, 1#1/0 G.	4"
30	2 RUNS OF 4#3/0, 1#2 G.	2-2"
31	2 RUNS OF 4#3/0, 1#2 G.	2-4"
32	2 RUNS OF 4#4/0, 1#1/0 G.	2-4"
33	2 RUNS OF 4-250MCM, 1#1/0 G.	2-4"
34	2 RUNS OF 4-350MCM, 1#2/0 G.	2-4"
35	2 RUNS OF 4-500MCM, 1#2/0 G.	2-4"
36	3 RUNS OF 4-300MCM, 1#2/0 G.	3-4"
37	4 RUNS OF 4-250MCM, 1#2/0 G.	4-4"
38	4 RUNS OF 4-350MCM, 1#3/0 G.	4-4"
39	5 RUNS OF 4-400MCM, 1#4/0 G.	5-4"
40	6 RUNS OF 4-400MCM, 1-250MCM G.	6-4"
41	7 RUNS OF 4-500MCM, 1-350MCM G.	7-4"
42	8 RUNS OF 4-500MCM, 1-450MCM G.	8-4"
43	12 RUNS OF 4-400MCM, 1-500MCM G.	12-4"
44	#8 CU (B)	3/4"
45	#6 CU (B)	3/4"
46	#4 CU (B)	3/4"
47	#2 CU (B)	3/4"
48	#1/0 CU (A)	3/4"
49	#1/0 CU (B)	3/4"
50	#2/0 CU (A)	3/4"
51	#3/0 CU (A)	3/4"

LEON COUNTY FACILITIES MANAGEMENT

LAKE JACKSON TOWN CENTER AT HUNTINGTON TENANT FIT-OUT SUITE 200 & 105

LOCATION: Tallahassee, Florida

SUBMITTAL

PHASE	DATE	DRAWN	CHECK
SCHEMATIC DESIGN	11/8/2012	MJO	MJO
100% CONSTRUCTION DOCUMENTS	3/18/2013	MJO	PCL

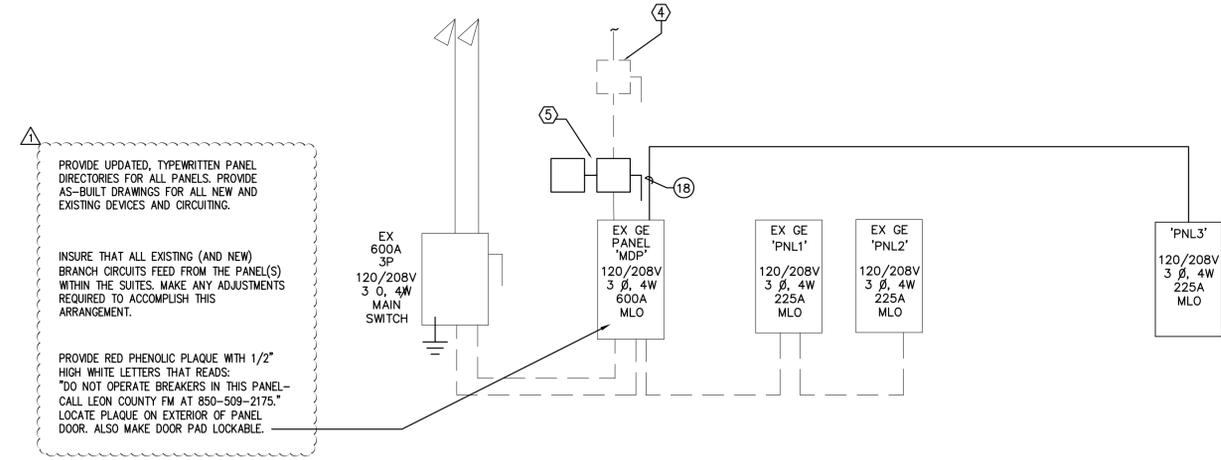
REVISIONS

REV	DATE	DESCRIPTION
Δ	5/03/13	REG REV RESPONSE 1
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PANEL SCHEDULES AND POWER RISER - ELECTRICAL

DRAWING NO.

E301



POWER RISER DIAGRAM

N.T.S.

PROVIDE UPDATED, TYPEWRITTEN PANEL DIRECTORIES FOR ALL PANELS. PROVIDE AS-BUILT DRAWINGS FOR ALL NEW AND EXISTING DEVICES AND CIRCUITING.

INSURE THAT ALL EXISTING (AND NEW) BRANCH CIRCUITS FEED FROM THE PANEL(S) WITHIN THE SUITES. MAKE ANY ADJUSTMENTS REQUIRED TO ACCOMPLISH THIS ARRANGEMENT.

PROVIDE RED PHENOLIC PLAQUE WITH 1/2" HIGH WHITE LETTERS THAT READS: "DO NOT OPERATE BREAKERS IN THIS PANEL- CALL LEON COUNTY FM AT 850-509-2175." LOCATE PLAQUE ON EXTERIOR OF PANEL DOOR. ALSO MAKE DOOR PAD LOCKABLE.

(A) CABLED CONDUCTOR TO DRIVEN GRD. RODS.
(B) CONNECT TO GROUND PER NEC 250-26