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GSA RENOVATION OF OFFICES AT BELLE HALL

161 BELLEVILLE AVENUE, SUITE 200
OTTAWA, ONTARIO K1A 0E6

1157 DEBRECEN ROAD, SUITE 103, OTTAWA, ONTARIO K2B 5S3

RENOVATION CONTRACTOR: GSA RENOVATION INC.

GENERAL CONTRACTOR: GSA RENOVATION INC.

ARCHITECT: GSA RENOVATION INC.

INTERIOR DESIGNER: GSA RENOVATION INC.

STRUCTURAL ENGINEER: GSA RENOVATION INC.

MECHANICAL CONTRACTOR: GSA RENOVATION INC.

ELECTRICAL CONTRACTOR: GSA RENOVATION INC.

PLUMBING CONTRACTOR: GSA RENOVATION INC.

FIRE ALARM CONTRACTOR: GSA RENOVATION INC.

CARPENTRY CONTRACTOR: GSA RENOVATION INC.

PAINTING CONTRACTOR: GSA RENOVATION INC.

GROUTING CONTRACTOR: GSA RENOVATION INC.

WATERPROOFING CONTRACTOR: GSA RENOVATION INC.

ROOFING CONTRACTOR: GSA RENOVATION INC.

GLAZING CONTRACTOR: GSA RENOVATION INC.

INSULATION CONTRACTOR: GSA RENOVATION INC.

STAINLESS STEEL CONTRACTOR: GSA RENOVATION INC.

METAL CONTRACTOR: GSA RENOVATION INC.

STRUCTURAL CONTRACTOR: GSA RENOVATION INC.

GENERAL CONTRACTOR: GSA RENOVATION INC.

INTERIOR DESIGNER: GSA RENOVATION INC.

STRUCTURAL ENGINEER: GSA RENOVATION INC.

MECHANICAL CONTRACTOR: GSA RENOVATION INC.

ELECTRICAL CONTRACTOR: GSA RENOVATION INC.

PLUMBING CONTRACTOR: GSA RENOVATION INC.

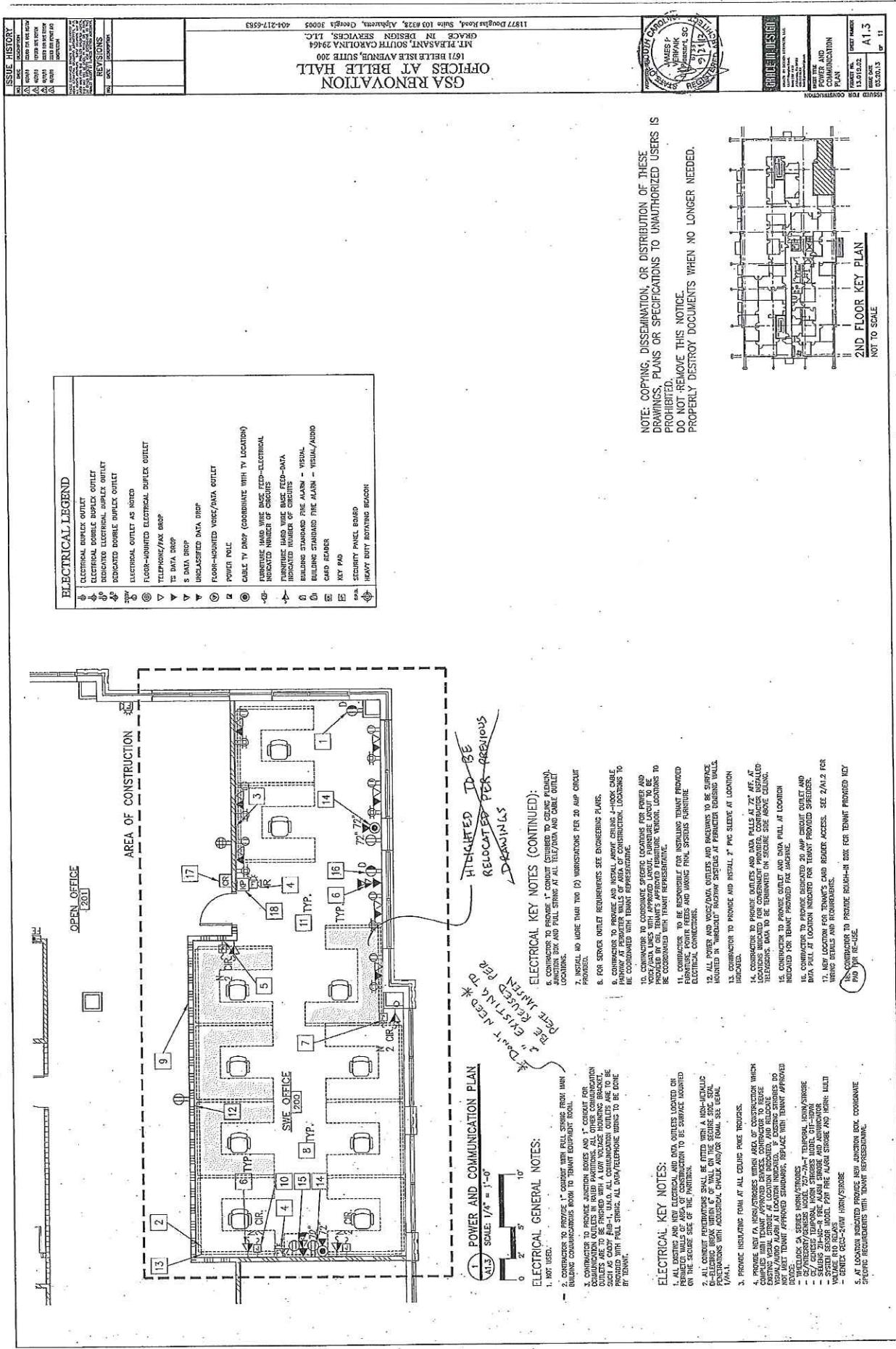
FIRE ALARM CONTRACTOR: GSA RENOVATION INC.

CARPENTRY CONTRACTOR: GSA RENOVATION INC.

PAINTING CONTRACTOR: GSA RENOVATION INC.

GROUTING CONTRACTOR: GSA RENOVATION INC.

ISSUE HISTORY	
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ISSUE HISTORY	
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✓	REVIEW
✓	REVISIONS
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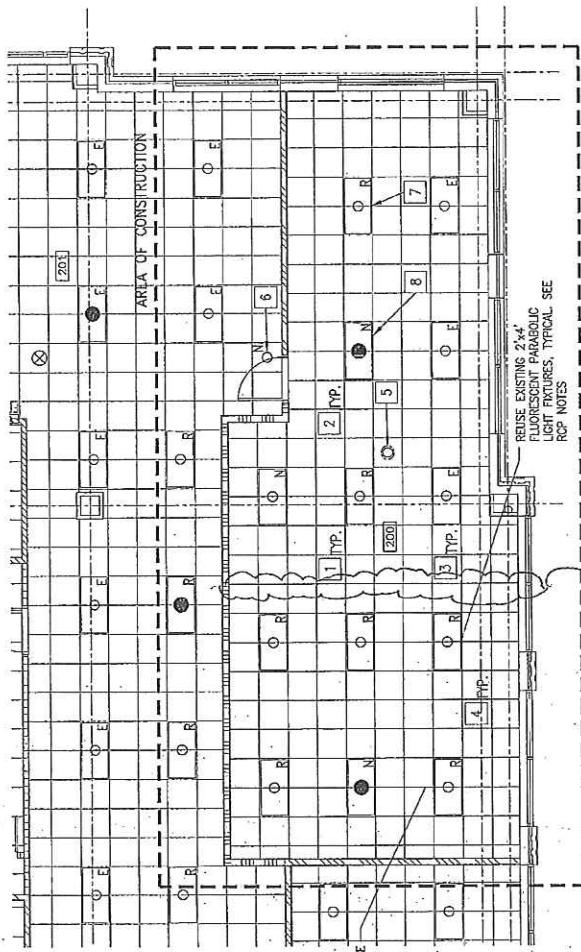
GSA RENOVATION
OFFICES AT BELLIE HALL

11577 Dalgas Road, Suite 101 6028, Atlanta, Georgia 30003 404-217-4553



ISSUE DATE	12/20/2012
EXPIRATION DATE	12/20/2013
ISSUE NUMBER	A1-4
EXPIRATION NUMBER	03/30/13

PER QUALS OF 12/20/2012 PROPOSAL
NEW ACT & GRID WILL BE INSTALLED



REFLECTED CEILING PLAN
N.I.A. SCALE: 1/4" = 1'-0"

RCP KEY NOTES:
1. PRODUCTIVE TO LOCATED ACOUSTIC CEILING TILE IN AREA OF NEW ACT & GRID. SEE EXISTING GRID AND RECOMMENDED TO NEW ACT & GRID.

2. ALL CEILING GRID, HAD, AND ONE PERIODIC, CEILING, GUIDANCE, AND SPANNED, SHALL BE FITTED WITH A NON-METALLIC DELICATE BREAK VERTICALLY ON THE SECURE, SIZE, SEAL GENERATORS WITHIN 6" OF WALL, OR FLOOR, SEE, DETAILS, 2A, AND 2A/M.

3. PRODUCE AND INSTALL 2" DUCTS ON ALL ROOF RETURN AIR GRILLS FOR APPROVED ROOM SPECIFICATIONS.

4. PRODUCE INSULATING FOAM AT ALL CEILING PORE TRIMCS.

5. PRODUCE INSULATING FOAM, IN CLASS 6, 10A, IF NOT AVAILABLE, IN CLASS 6, 10B, IN THE PORE TRIMCS, IN THE CEILING, HEIGHT ACCORDING MANUFACTURER'S SPECIFICATIONS, INSTALL ACTIVATOR SWITCH, AT BERTHING TO AREA OF CONSTRUCTION, SEE ENGINEERING PLANS FOR APPROVED ROOM SPECIFICATIONS.

6. CONTRACTOR TO PRODUCE AND INSTALL NEW DOWN LIGHT WITHIN ADJUSTABLE, LENS, OR NON-ADJUSTABLE, LENS, OR, BENT, DOWN, LIGHT, SEE, DETAIL, 5A/D, AND 2A/C.

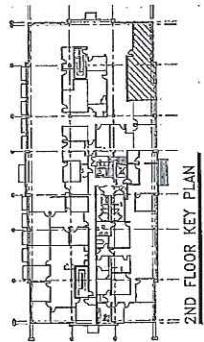
7. CONTRACTOR TO PRODUCE, EXISTING 2X4, LIGHT FIXTURE, THROUGHOUT AREA OF CONSTRUCTION, PRODUCE, NEW, AS NEEDED, WHICH ESTIMATES, ARE, INDICATED, ON THE DRAWINGS.

8. CONTRACTOR TO PRODUCE AND INSTALL TWO (2) NEW 2X4, EMERGENCY LIGHT FIXTURES, AS INDICATED IN THE AREA OF CONSTRUCTION, WHICH EXISTING EMERGENCY FIXTURES.

SELECTED CEILING PLAN LEGEND

WALL TO CEILING	WALL TO CEILING
2 X 2' LOUVER LUMINAIRE	2 X 4' LOUVER LUMINAIRE
LOUVER LUMINAIRE	RECESSED DOWNLIGHT
RECESSED DOWNLIGHT	EXIT LIGHT
EXIT LIGHT	EMERGENCY LIGHT
EMERGENCY LIGHT	ROTATING BEACON

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BWA
B&G

Barrett, Woodward & Associates, Inc.

495 Holcomb Bridge Road
Norcross, GA 30092
Phone (770) 810-8800
Fax (770) 810-8808

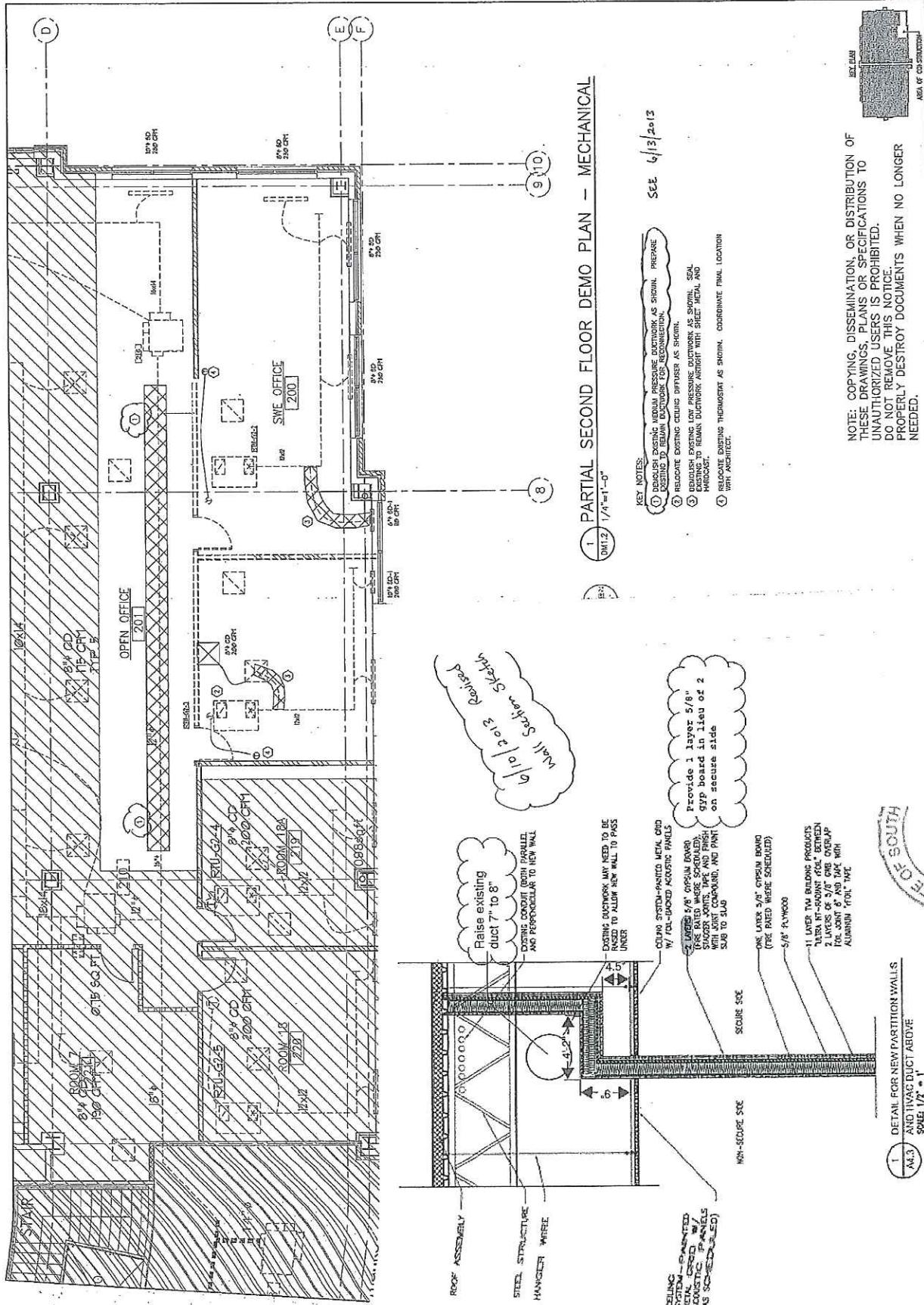
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GSA RENOVATION
OFFICES AT BELLE HALL
1671 BELLE ISLE AVENUE
SUITE 200
MT. PLEASANT, SC 29464

PARTIAL SECOND
FLOOR DEMO PLAN -
MECHANICAL

ISSUED FOR CONSTRUCTION





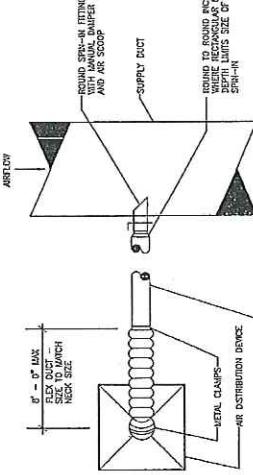
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NOTES

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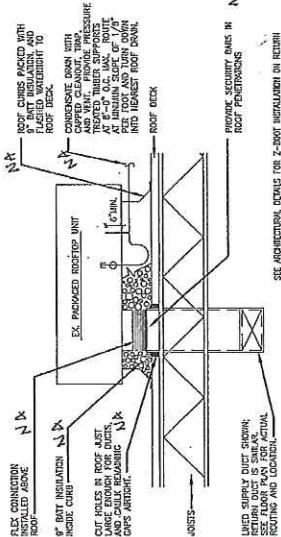


BOOTTOP INIT DETAIL



102

BOOTTOP INIT DETAIL



SEE ARCHITECTURAL DETAILS FOR Z-BOOFS INSTALLATION ON RETURN

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10

OFFICES AT BELLE HALL
1671 BELLE ISLE AVENUE
SUITE 200
MT. PLEASANT, SC 29464

**DETAILS -
MECHANICAL**

M.O. 1	
SEARCHED	SERIALIZED
INDEXED	FILED
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MO.1 NO SCALE

BW
SA

Barrett, Woodyard & Associates, Inc.

3495 Holcomb Bridge Road
Norcross, GA 30092
Phone (770) 810-8800
Fax (770) 810-8808

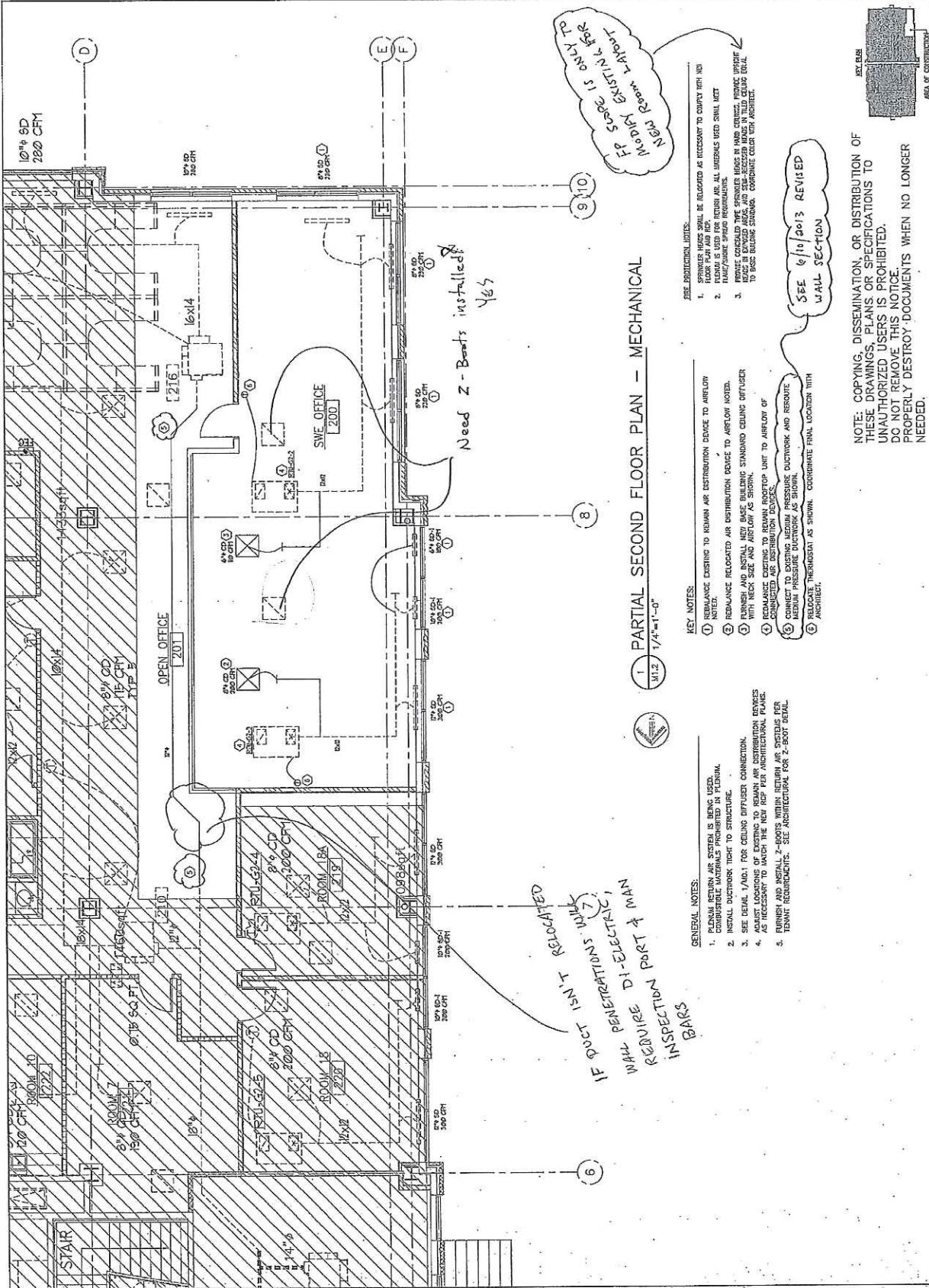


GSA RENOVATION
OFFICES AT BELLE ISLE
1671 BELLE ISLE AVENUE,
SUITE 200
MT. PLEASANT, SC 29464

PARTIAL SECOND
FLOOR PLAN -
MECHANICAL

R. ROSENTHAL	1305	PACIFIC NW.
RECEIVED APRIL 16, 1945	AS NOTED	RECORDED
T. H. BESSET	MAY 1	MAY 1
SEARCHED, SERIALIZED	03/20/15	03/20/15
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APR 20 1945		

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<p>B. Provide insulation materials for each piece of equipment. Submit in separate bound volumes after review of insulations.</p> <p>C. Provide supplementary sheet framing and welded steel equipment support stands as required for power hoisting and support of the mechanical systems. Steel stands, shoring and lifting equipment shall be selected for a maximum deflection of 1/30th of the span.</p>		<p>B. The General Contractor shall start-up and maintain the HVAC systems and continue the operation of the HVAC systems during each day of testing and balancing. Start-up and operation shall include, as a minimum, the following:</p> <ol style="list-style-type: none"> 1. All equipment operate and in safe condition. 2. Temperature control system complete. 3. Proper thermal overload protection in place for selected equipment. 4. Ductwork leakage rates not exceeding those specified and all duct systems shown or detailed. 5. Air transfer systems shall have: <ul style="list-style-type: none"> a. Correct fan rotation and RPM. b. Collar flange end connected. c. Filter clean and in place. d. Access doors closed. e. All dampers in place and open. f. All grilles, registers and diffusers installed. g. Proper sufficient time before final completion date so that testing and balancing can be accommodated. Coordinate the schedule. h. Provide immediate labor and tools to make required corrections and replace without undue delay. <p>E. The General Contractor and his subcontractors shall cooperate fully with the Agency to provide the following:</p> <ol style="list-style-type: none"> 1. Access to HVAC system components. 2. The right to inspect the systems. 3. Any condition which served a purpose that Test and Balance shall be discontinued by the Agency to the General Contractor and Architect within 7 days of their discovery. 4. If it is determined by the Agency and confirmed by the Architect that there changes or additions are required, the Contractor shall obtain and shall all necessary permissions. 5. The Agency shall cooperate with the Architect and the Contractor and all his subcontractors to perform the work in such a manner as to meet the job schedule. 6. The Agency shall verify that all system components are in place and in proper working order prior to testing the project. 7. All reported, recorded data shall represent true measured conditions.
<p>D. All control equipment shall be adjusted to the settings required for the performance specified.</p>		<p>E. Upon the completion of the Test and Balance work, the Owner shall submit four (4) copies of the complete HVAC test and balance Report directly to the Architect.</p> <p>F. The Agency, as a part of its contract with the General Contractor shall act on behalf of the testing agency, responsible to the General Contractor and the Architect and shall, during the test, and between, list those items which require correction or be sent back to the Contractor for rework.</p> <p>G. The Agency shall verify that all parts of all valves, dampers and other adjustable devices, if any, functioning device is provided with a memory chip, it shall be not locked and masked.</p> <p>H. The Agency shall record all of the final test points on all variable speed drives.</p>
<p>3.04 PAINTING</p> <p>A. All unpolished and unpainted steel surfaces exposed to sight inside the building, such as piping, equipment, hangers and supports which are not provided with features to resist oxidation, shall be cleaned and painted with two coats of rust inhibiting primer. In addition, all surfaces in finished spaces shall also be painted with two coats in a finish selected by the Architect.</p> <p>B. All ductwork surfaces, visible through grilles, registers and diffusers in finished areas shall be painted flat black.</p> <p>C. Sheet items exposed outside the building, such as equipment supports, un-insulated piping and hangers, which are not factory painted or galvanized, shall be cleaned and painted with two coats of paint. The paint shall be cleaned and painted with two coats of rust inhibiting primer before masking, priming and painting.</p> <p>D. Factory painted equipment that has been scrubbed or masked shall be repainted with the original factory color.</p>		<p>B. Ductwork, concealed and insulated ductwork and piping shall be tested for holes in place before backfilling, coating or covering. Tests shall be conducted in the presence of the Architect or his designated representative.</p> <p>E. All low pressure airwork (using operating pressures of 10" W.C. E.S.P. or less) shall be checked by the operator of the system to which it is connected.</p> <p>F. All visible and inside or ends from the ductwork systems shall be repainted.</p>
<p>3.05 DUCTWORK AND SPRING LEAK TESTING</p> <p>A. Underground, concealed and insulated ductwork and piping shall be tested for holes in place before backfilling, coating or covering. Tests shall be conducted in the presence of the Architect or his designated representative.</p> <p>B. Prior to pressure airwork (using operating pressures of 10" W.C. E.S.P. or less) shall be checked by the operator of the system to which it is connected.</p> <p>C. All visible and inside or ends from the ductwork systems shall be repainted.</p>		<p>A. Durable operating and maintenance manual shall be provided to the Owner. Fair copies and their provided. Each copy shall be bound in a separate 3-ring binder.</p> <p>B. Prior to final acceptance by the identified occupants, provide the services of a competent technician for one (1) day to inspect the Owner's operation of the mechanical systems.</p>
<p>3.06 TESTING AND BALANCING</p> <p>A. Testing and balancing of the HVAC systems shall be performed as specified in Section 15. No test or check work is to be performed under a separate contract directly under the General Contractor. Submit four (4) copies of the test and balance directly to the General Contractor.</p> <p>B. All work provided under this Section 15 shall be subject to a minimum one year warranty. The warranty period shall begin on the date of completion of the system. System warranties are not subject to the same terms as the general contract. Extended warranties shall be provided on all other equipment as specified in other Sections.</p>		<p>A. Ductwork shall be subject to a minimum one year warranty. The warranty period shall begin on the date of completion of the system. System warranties are not subject to the same terms as the general contract. Extended warranties shall be provided on all other equipment as specified in other Sections.</p>
<p>3.07 RECORDS (AS-BUILT) DRAWINGS</p> <p>A. All records of the project, provide a set of reproducible copies to the architect, which contains all contract documents and records made to the original design documents. Labels of all underground piping and utilities shall be clearly shown and dimensioned from permanent reference points such as building column lines.</p>		<p>A. The name and certification of the Agency, along with the name and address of the Contracting Engineer, shall be submitted to the Architect for review within 30 days after the owner of the project certifies.</p> <p>B. The selected Agency shall submit to the Owner:</p> <ol style="list-style-type: none"> 1. Procedural Manual 2. Report Form 3. AMCA or NEBB Performance Guarantee 4. Instrument List and Calibration Dates 5. Schedule <p>C. A reduced copy of each of the above shall be returned to the Agency before the HVAC Test and Balance begins.</p> <p>D. If a complete schematic in accordance with these requirements is not received within 30 days from award of the general contract, then the Architect reserves the right to select the Agency.</p>
<p>3.08 OPERATING AND MAINTENANCE MANUALS AND INSTRUCTIONS</p> <p>A. Operable operating and maintenance manual and a durable operating and maintenance manual shall be provided to the Owner. Fair copies and their provided. Each copy shall be bound in a separate 3-ring binder.</p> <p>B. Prior to final acceptance by the identified occupants, provide the services of a competent technician for one (1) day to inspect the Owner's operation of the mechanical systems.</p>		<p>A. Durable operating and maintenance manual and a durable operating and maintenance manual shall be provided to the Owner. Fair copies and their provided. Each copy shall be bound in a separate 3-ring binder.</p> <p>B. Prior to final acceptance by the identified occupants, provide the services of a competent technician for one (1) day to inspect the Owner's operation of the mechanical systems.</p>
<p>3.09 TESTIMONY AND BIDDING</p> <p>A. Testing and balancing of the HVAC systems shall be performed as specified in Section 15. No test or check work is to be performed under a separate contract directly under the General Contractor. Submit four (4) copies of the test and balance directly to the General Contractor.</p>		<p>A. Ductwork shall be provided to the Owner. Fair copies and their provided. Each copy shall be bound in a separate 3-ring binder.</p> <p>B. Prior to final acceptance by the identified occupants, provide the services of a competent technician for one (1) day to inspect the Owner's operation of the mechanical systems.</p>
<p>3.10 WARRANTY</p> <p>A. All work provided under this Section 15 shall be subject to a minimum one year warranty. The warranty period shall begin on the date of completion of the system. System warranties are not subject to the same terms as the general contract. Extended warranties shall be provided on all other equipment as specified in other Sections.</p>		<p>A. Ductwork shall be provided to the Owner. Fair copies and their provided. Each copy shall be bound in a separate 3-ring binder.</p> <p>B. Prior to final acceptance by the identified occupants, provide the services of a competent technician for one (1) day to inspect the Owner's operation of the mechanical systems.</p>
<p>END OF SECTION</p>		<p>END OF SECTION</p>
<p>SECTION 15043</p> <p>HAZ TEST & BALANCE</p> <p>1.0 GENERAL</p> <p>1.01 DESCRIPTION</p>		<p>SECTION 15040</p> <p>HAZ TEST & BALANCE</p> <p>1.0 GENERAL</p> <p>1.01 DESCRIPTION</p>
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		<p>M9.2</p>

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Barrett, Woodward & Associates, Inc.

ELECTRICAL SYMBOL LEGEND

SECURITY & FIRE ALARM SYMBOL LEGEND				ELECTRICAL SYMBOL LEGEND			
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION	
		NOTES		ON CENTER MTC. HT. (AFT)		NOTES	
-[S]		ACCESS CONTROL, KEYPAD, PHOTOCOUPLED JUNCTION BOX WITH 3/4" ID. PORT, SECURE SITE OF TOTAL CONDUIT INSTALLATION AND TERMINATION POINT WITH SECURITY KEYPAD/CONTRACTOR.	45"	[S]		CONCEALED CIRCUIT IN CEILING OR WALL	①
-[S]		CORE READER FOR ACCESS CONTROL, PHOTOCOUPLED JUNCTION BOX WITH 3/4" ID. PORT TO SECURE SITE OF DOOR, CONDUIT INSTALLATION AND TERMINATION POINT IN SECURE SITE WITH SECURITY KEYPAD/CONTRACTOR.	45"	[S]		CONCEALED CIRCUIT IN OR UNDERGROUND FLUID	②
-[A]		ALARMS CONTROL, KEYPAD, PHOTOCOUPLED JUNCTION BOX WITH 3/4" ID. PORT TO SECURE SITE OF DOOR, CONDUIT INSTALLATION AND TERMINATION POINT IN SECURE SITE WITH SECURITY KEYPAD/CONTRACTOR.	45"	[S]		OPEN CIRCUIT TO PANEL, EACH WORKSHEET = 1 CIRCUIT NO. OF CONDUITS IN CONDUIT, EACH TUBEWORK = 1 TIME FLEXIBLE CONDUIT OR S.O. CABLE	③
[D]		WALL-MOUNTED FIRE ALARM, APPROVED HYDROLYSIS, ALARM - SECURE TO ITSELF BLACK.	80"	[S]		COMBINE CONTRACTORS IN PARALLEL	④
[F]		WALL-MOUNTED FIRE ALARM, APPROVED VISUAL, ALARM - FIRE ALARM SIGHT INDICATOR - CEILING / WALL MOUNT	80"	[S]		COMBINE BY SPlicing	⑤
[F]@H		FIRE ALARM, APPROVED, SIGHT INDICATOR, COORDINATE WITH DESIGNER TO PROVIDE INSTALLATION OF CEILING AIR DUCTS WITH 12" DIAMETER, APPROVED SIGHT INDICATOR IN CEILING AIR PATH FOR REPAIR, COORDINATE WITH DESIGNER TO PROVIDE INSTALLATION TO COUPLE WITH NFPA 22.	80"	[S]		INDIVIDUAL CIRCUITS AS INDICATED ON DRAWING	⑥
[D]		DUCTED/EXTENDED SIGHT INDICATOR IN CEILING AIR PATH FOR REPAIR, COORDINATE WITH DESIGNER TO PROVIDE INSTALLATION TO COUPLE WITH NFPA 22.	80"	[S]		CONNECTED BACK TO BACK AS SHOWN	⑦
[F]				[S]		INDIVIDUAL CIRCUITS AS INDICATED ON DRAWING	⑧
				[S]		PARALLEL-CONNECTED BACK TO BACK AS SHOWN	⑨
				[S]		WALL-MOUNTED DUCTLESS AIR SOURCE, GUIDE, 5' - 10' DIA.	⑩

CLINICAL GYNECOLOGY NOTES

- ALL WORK THIS DRAZON STAIN COMPANY WILL DO, IN OUR BUSES, COSES, LADS,
ELECTRICAL, CLOSES, ETC., AND THE REPAIRS THEREOF IN OR CONNCT
WITH THE SAME, SHALL BE PERFORMED BY THE EXPERTS ENOUGH IN EACH
SUCH BUSES, AS TO THE OWNER, ACCORDING TO THE COLLECTIVE OF EXPERT
OPINIONS, AS IS GENERALLY PRACTICABLE AND DO NOT REQUIRE ANY SUCH DURTY
WORKING AND DRILLING, AS IS OFTEN REQUIRED IN THE REPAIRS OF AUTOMOBILES.
THESE REPAIRS, WHICH ARE OFTEN REQUIRED, INVOLVE THE
REMOVING OF THE EXISTING PAINT, AND THE REPAINTING OF THE SAME.
THE DRAZON STAIN COMPANY, AS A RULE, CHARGES FOR THE WORK,
AS WELL AS THE MATERIAL, AT THE SAME RATE AS THE AUTOMOBILE PAINTERS,
WHICH IS \$1.00 PER HOUR, OR \$10.00 PER DAY, OR \$100.00 PER WEEK,
FOR THE TIME SPENT IN THE REPAIRS, AND THE EXPENSES OF MATERIAL,
NECESSARY CUTTING PAINTERS, REPAIRING, ETC., TO MAKE THE WORK COMPLETE
AND NEAT.

NEUTRAL COMPENSATION FOR COMMUNICATIONS TO ALL PERSONS, SISTALS TO BE PAID ANNUAL.

ALL CONTRACTORS, SHALL BEPAID ON THE BASIS OF "COST OF THE MATERIAL AND
LABOR, PLUS 15% PROFIT", AS IS USED WITH THE DRAZON STAIN COMPANY.

ALL COST, MUST BE PREPARED IN A HIGH AND REASONABLE MANNER, ACCORDING TO
RECEIPT, AS WELL AS THE APPROVALS OF FIRST CLASS PURCHASER.

RECEIPT, ALL AVAILABLE AND UNBILLED QUOTATIONS AND BIDGERS IN ESTIMATING
PAINTS.

STAIN, UP TO ONE AND ONE-HALF MILL, AT EACH TELEPHONE
SQUARE, AND QUADRANT OUTLINE.

PROMISE TO PAY TO DRAZON STAIN COMPANY, TO SUCCEDE, 20 CENTS PER H.E.C. 410—
15.

LENS

LIGHTING CONTROL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
•-PDS	WALL-MOUNTED OCCUPANCY SENSOR SWITCH - REQUIRES 01-250 OR PRE-APPROVED EQUAL.
◎	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, 300' CUTOFF, DECORATOR WALL OR SECURE SWITCH - (01-250-9) OR APPROVED EQUAL.
○	POWER JACK FOR LOW-VOLTAGE OCCUPANCY SENSOR (DECORATOR SWITCH PP-20 OR PRE-APPROVED EQUAL).
LY -	ROUTED LOW-VOLTAGE CABLE FOR OCCUPANCY SENSOR, 24 VAC POWER AND CONTROLS, CONTRACTOR, 200' (DECORATOR CABLES SPECIFIED WITH OCCUPANCY SENSOR POWER JACK).

ELECTRICAL SYMBOL LEGEND

ELECTRICAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	CONCEALED CIRCUIT IN CEILING OR WALL.
	CONCEALED CIRCUIT IN OR UNDERNEATH FLOOR SLAB.
	DASHED CIRCUIT
	CIRCUIT RESISTANCE TO PANEL. EACH CONDUCTOR = 1 OHM.
	NO. OF CONDUCTORS IN CONDUIT. EACH THICKNESS = 1 MM.
	FLEXIBLE CONDUIT OR SO. CABLE
	CONDUIT CONNECTION
	CONDUIT STRAIGHT RUN
	CONDUIT STEPPED OR ANGLED RUN
	SURFACE-MOUNTED SERVICE (VERTICAL ABOVE GROUND LEVEL) REFER TO PANS FOR EXACT SPECIFICATION AND DETAILS.
	BURIED UNDERGROUND SERVICE, SEPARATE RISER. (VERTICAL A ABOVE GROUND LEVEL).
	BURIED UNDERGROUND SERVICE, SEPARATE RISER. (HORIZONTAL B ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. AS STATED TO BE ALONG PERIODIC LAYER LINE. FROM CIRCUIT BOARD BACK PLATE AS STATED TO BE ALONG PERIODIC LAYER LINE. CIRCUIT BOARD BACK PLATE AS STATED TO BE ALONG PERIODIC LAYER LINE.
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL B ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL C ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL D ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL E ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL F ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL G ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL H ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL I ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL J ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL K ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL L ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL M ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL N ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL O ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL P ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL Q ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL R ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL S ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL T ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL U ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL V ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL W ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL X ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (VERTICAL Y ABOVE GROUND LEVEL).
	BURIED UNDERGROUND DIRECT BURIED. (HORIZONTAL Z ABOVE GROUND LEVEL).

1

- 1

VAL-INCUBED DOUBLE-SIDED - (QUOT) RECEPTIVE QUILLET - HIGH - 5-16R. ULTRA.	15"
QUOT LICENSED DOUBLE-SIDED RECEPTIVE QUILLET - HIGH - 5-16R. ULTRA.	15"
VAL-INCUBED DOUBLE-SIDED - (QUOT) RECEPTIVE QUILLET - HIGH - 5-16R. ULTRA.	15"
ELECTRONIC QUILLET - HIGH - 5-16R. ULTRA.	15"
ACTION BUS - CIRCUIT / NULL-INDICATED - STAY AS REQUIRED	
VAL-INCUBED DOUBLE-SIDED DATA BUS REC. PROTECT. INDUCTOR BOX WITH 1C. STAY UP TO 5" AHEAD.	15"
ACCESSION CLIP FOR CIRCUIT	15"
VAL-INCUBED DOUBLE-SIDED DATA BUS REC. PROTECT. INDUCTOR BOX WITH 1C. STAY UP TO 5" AHEAD.	15"
ACCESSION CLIP FOR CIRCUIT	15"
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ACCESSION CLIP FOR CIRCUIT	15"
VAL-INCUBED DOUBLE-SIDED DATA BUS REC. PROTECT. INDUCTOR BOX WITH 1C. STAY UP TO 5" AHEAD.	
ACCESSION CLIP FOR CIRCUIT	15"
TWO (2) SURGE/TRANSITION BUSES FOR INCUBUS FIBROPTIC ETAL. ONE (1) FOR POWER CONNECTIONS AND ONE (1) FOR COMMUNICATIONS CONNECTION ALSO IF SENSORS ARE USED.	
VAL-INCUBED DOUBLE-SIDED DATA BUS REC. PROTECT. INDUCTOR BOX WITH 1C. STAY UP TO 5" AHEAD.	
ACCESSION CLIP FOR CIRCUIT	

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SUITE 200
MT. PLEASANT, SC 29464

ELECTRICAL LEGEND
SUBDITIE & NOTES

SCHEDULE & NOTES

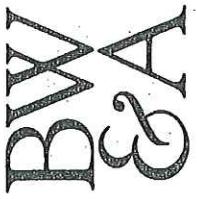
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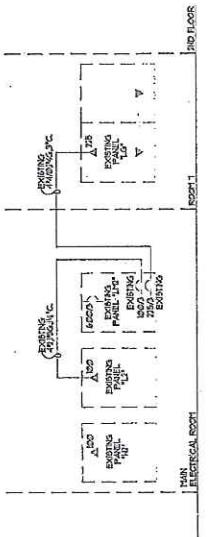
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104



1 PARTIAL ELECTRICAL RISER DIAGRAM
NOT TO SCALE
10.2



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ESCAPE RENOVATION
OFFICES AT BELLE ISLE
1671 BELLE ISLE AVENUE
SUITE 200
MT. PLEASANT, SC 29464

E. DEBTOR	12345	OWNER NO.	12345
ADDRESS	123 Main St.	AS NOTED	123 Main St.
S. NUMBER	12345	STATE	CA
ADDRESS NUMBER	123	POSTAL CODE	95013
S. ADDRESS	123 Main St.	CITY	San Jose
APPROV. BY		RECEIVED DATE	E0.2

ISSUED FOR CONSTRUCTION

RECHARGEABLE HEATING AIR COND. LIGHTING MFG.
VUL. IN 200-3
TOTAL 11.0
CTOTAL 11.0
CONN. KW 56.40
CONN. AMPS 65.62

TOTAL BOUND LOAD = PILES, ¹²	12,200 KIP
INDIVIDUALS: HIGH 15' HIGH + 20% HEADINGS	0.00 KIP
LOW 10' HIGH + 20% HEADINGS	0.14 KIP
AC/ACTORS: HIGH 12'5" LARGEST + 100% READING	0.00 KIP
LOW 10' HIGH + 20% HEADINGS	0.00 KIP
WATER: HIGHER 12'5"	5.00 KIP
WATER: LOWER 10'5"	4.00 KIP
HYDRAULIC EQUIPMENT: PER HCC	0.00 KIP
TOTAL EXTERNAL LOAD: HCC	21.74
TOTAL EXTERNAL LOAD: JAPCO	66.23



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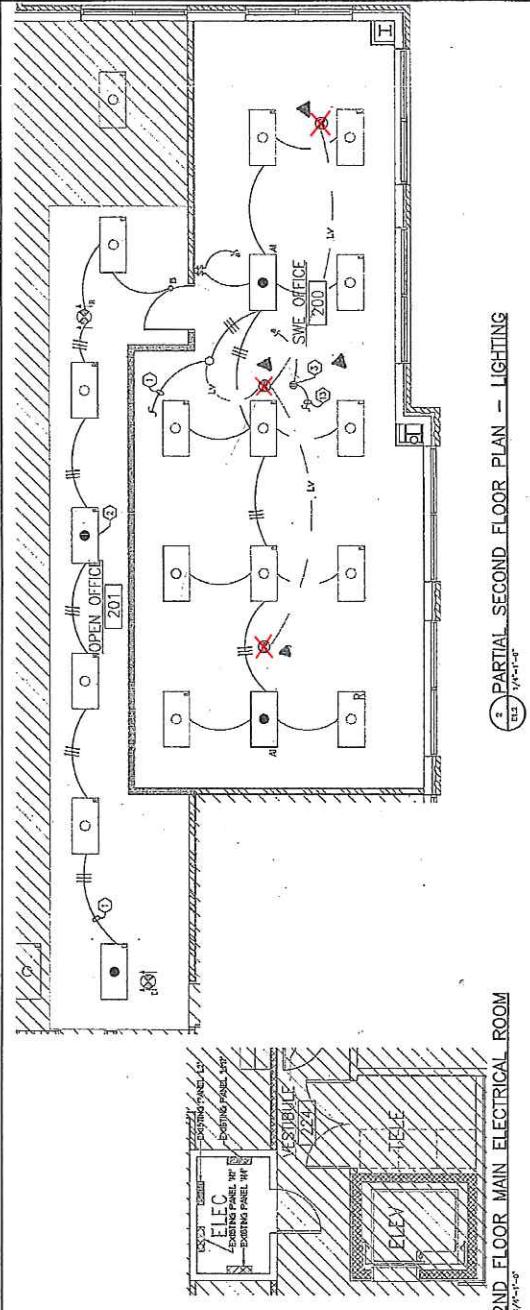
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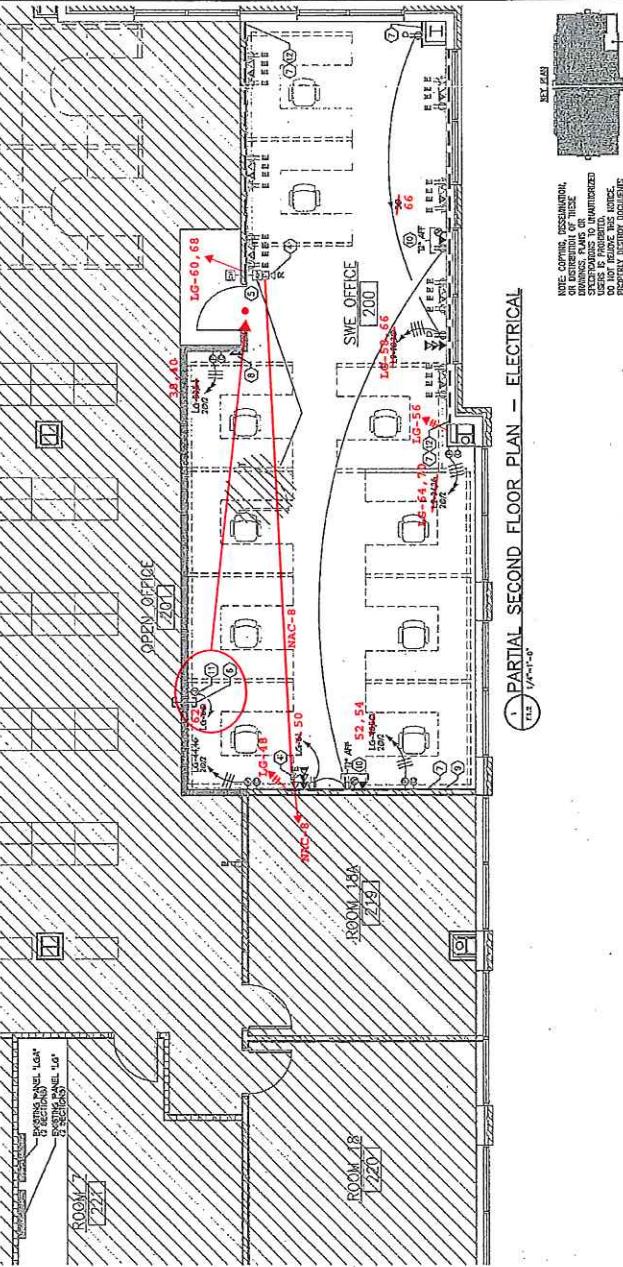
PARTIAL SECOND
FLOOR PLAN -
ELECTRICAL &
LIGHTING

E1.2	SEARCHED
SERIALIZED	INDEXED
FILED	FILED

ISSUED FOR CONSTRUCTION



3 2ND FLOOR MAIN ELECTRICAL ROOM
EN.2 1/4-1'-0"



8