



PROJECT
for
GEORGIA PERIMETER COLLEGE

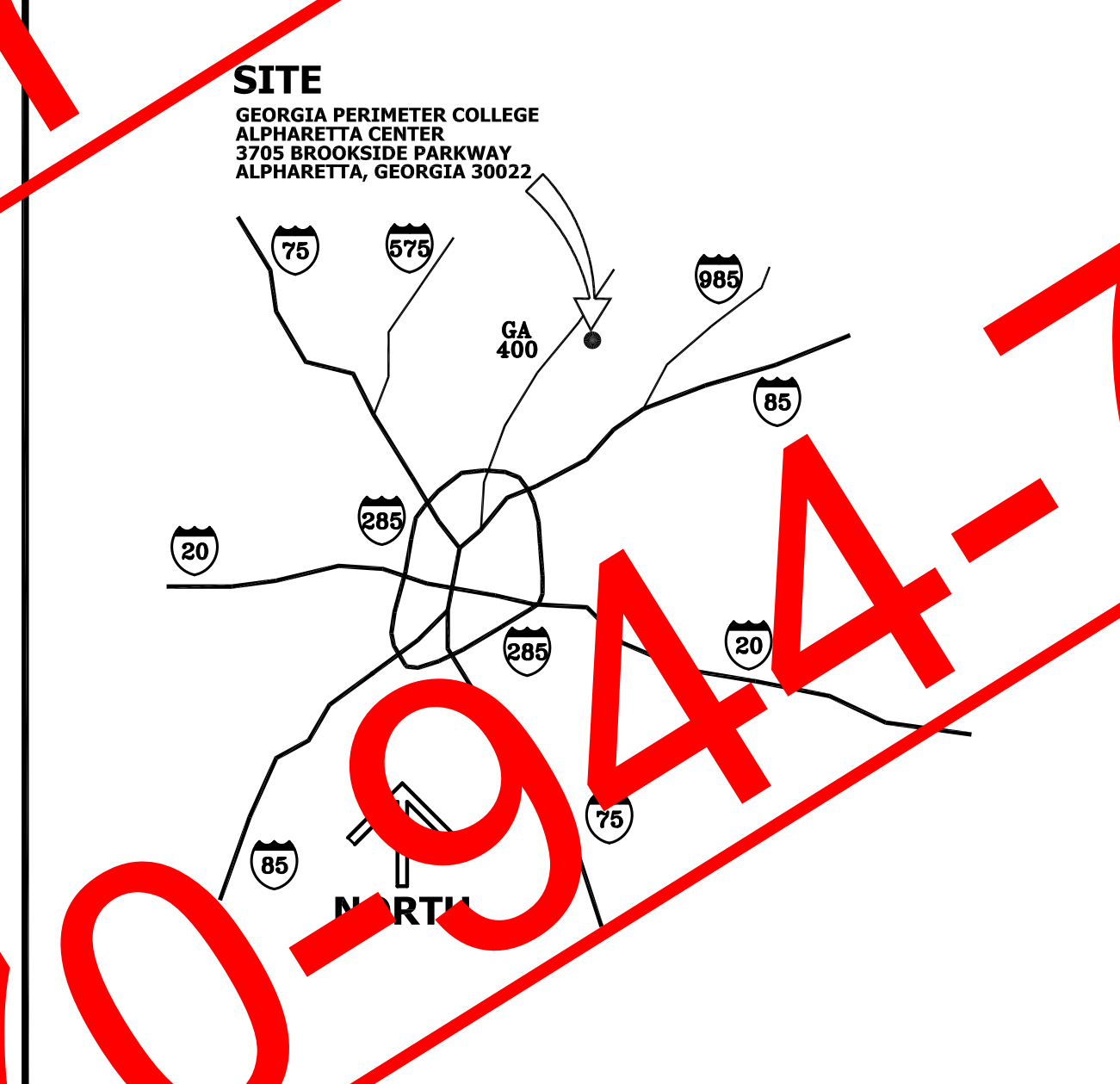
PROJECT NO. GPC 12-01
PROPOSED RENOVATIONS
ALPHARETTA CENTER

APRIL 14, 2011

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GENERAL NOTES	
1.	ALL WORK SHALL BE DONE SATISFACTORILY IN A WORKMANLIKE MANNER SUBJECT TO INSPECTION DURING CONSTRUCTION AND FINAL APPROVAL OF THE ARCHITECT.
2.	ANY SUBSTITUTION OF MATERIALS OR EQUIPMENT OR ANY ALTERATIONS FROM THE PLANS AND/OR SPECIFICATIONS SHALL BE APPROVED BY THE ARCHITECT.
3.	ALL COLOR SELECTION SHALL BE DONE BY THE ARCHITECT.
4.	ALL MATERIALS AND INSTALLATIONS SHALL BE ACCORDING TO ALL APPLICABLE CODES.
5.	THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS OF THE ARCHITECT.
6.	ALL DIMENSIONS ARE TAKEN FROM CENTERLINES OF COLUMNS, FACE OF MASONRY, FACE OF WALLS OR AS SPECIFICALLY NOTED OTHERWISE.
7.	ALL DIMENSIONS SHALL BE TAKEN FROM FINISH SURFACES UNLESS NOTED OTHERWISE.
8.	ALL WALLS SHALL BE BRACED OR ANCHORED TO THE STRUCTURE AS NECESSARY.
9.	DO NOT SCALE DRAWINGS - USE DIMENSIONS ONLY.
10.	IN ALL AREAS WHERE REMOVAL OF CONSTRUCTION EQUIPMENT OR MATERIALS LEAVES SURFACE FINISH OF EXPOSED CONSTRUCTION OTHER THAN SMOOTH AND FLUSH WITH ADJACENT CONSTRUCTION.
11.	PROVIDE FINISHED WALL BEHIND ALL EQUIPMENT, MILLWORK AND CASEWORK.
12.	THERE SHALL BE NO BACK TO BACK ELECTRICAL, TELEPHONE OR DATA OUTLETS. OUTLET HOLES SHALL BE PACKED WITH ACOUSTICAL INSULATION. WHEN OUTLETS ARE INDICATED AS OCCURRING BACK TO BACK, THEY SHALL BE SEPARATED BY ACOUSTICAL BATTS.
13.	ALL VERTICAL CONDUITS, PIPING, AND COLUMNS EXPOSED IN ROOMS SHALL BE FURRED WITH GYPSUM BOARD AND FINISHED TO MATCH ADJACENT WALLS UNLESS NOTED OTHERWISE.
14.	INSTALL ACOUSTICAL SEALANT AROUND DUCTS, PIPE AND ELECTRICAL CONDUIT PENETRATIONS THROUGH ALL INTERIOR PARTITIONS. INSTALL FIRE STOPPING AT RATED PARTITIONS.
15.	INSTALL ACOUSTICAL SEALANT AROUND DUCTS, PIPE AND ELECTRICAL CONDUIT PENETRATIONS THROUGH THE FLOOR SLAB. INSTALL FIRE STOPPING AT RATED ASSEMBLIES.

ABBREVIATIONS			
Anchor Bolt	Anchor Bolt	Ht.	Height
ACT	Acoustical Ceiling Tile	In.	Inch
A.F.F.	Above Finish Floor	L.	Long
A.I.S.C.	American Institute of Steel Construction	Lt.Wt.	Light Weight
@	At	Lum.	Luminaire
A.S.T.M.	American Society for Testing and Materials	Mfr.	Manufacturer
Bl.	Board	Max.	Maximum
Bldg.	Building	Mech.	Mechanical
B.U.R.	Built Up Roofing	Mez.Md.	Mezzanine
Cor.	Ceramic	M.H.	Mounting Height
C.J.	Control Joint	M.T.	Marble Threshold
Cont.	Continuous	Min.	Minimum
Ctg.	Ceiling	Mn.	Manhole
C.H.	Calling Height	M.O.P.	Manhole Opening
C.M.U.	Concrete Masonry Unit	Min. Contr.	Minimum Contractor
Col.	Column	O.C.	Over Center
Conc.	Concrete	Ong.	Opening
Cont.	Continuous	Opp.	Opposite
Down	Down	P.	Point
D.O.	Door Opening	P.P.	Pounds Per Foot
D.S.	Downspout	R.	Receptacle
D.F.	Drinking Fountain	R.D.	Reinforcing
Each	Each	Res.	Resistant
Elec./Elect.	Electrical	R/W or ROW	Right of Way
El.Elev.	Elevation	S.C.Wood	Solid Core Wood
E.W.	Each Way	Sim.	Similar
Exp.	Expansion	Sp.	Specification
Ext.	External	Std.	Standard
Ext.	External	St.	Steel
F.E.	Fire Extinguisher	Struct.	Structural
F.E.C.	Fire Extinguisher Cabinet	Trd.	Treated
Fin.	Finish	Typ.	Typical
Fin.Fr.	Finish Frame	VCT	Vinyl Composition Tile
F.J.	Finish Joint	Vert.	Vertical
F.R.	Finish Recess	VWC	Vinyl Wall Covering
Fr.	Frame	W.	Walls
G.W.B.	Gypsum Wall Board	W.H.	Water Heater
H.	High	WP	Weatherproof
H.W.	Hardwood	Wd.	Wood
Horiz.	Horizontal	WWF	Welded Wire Fabric

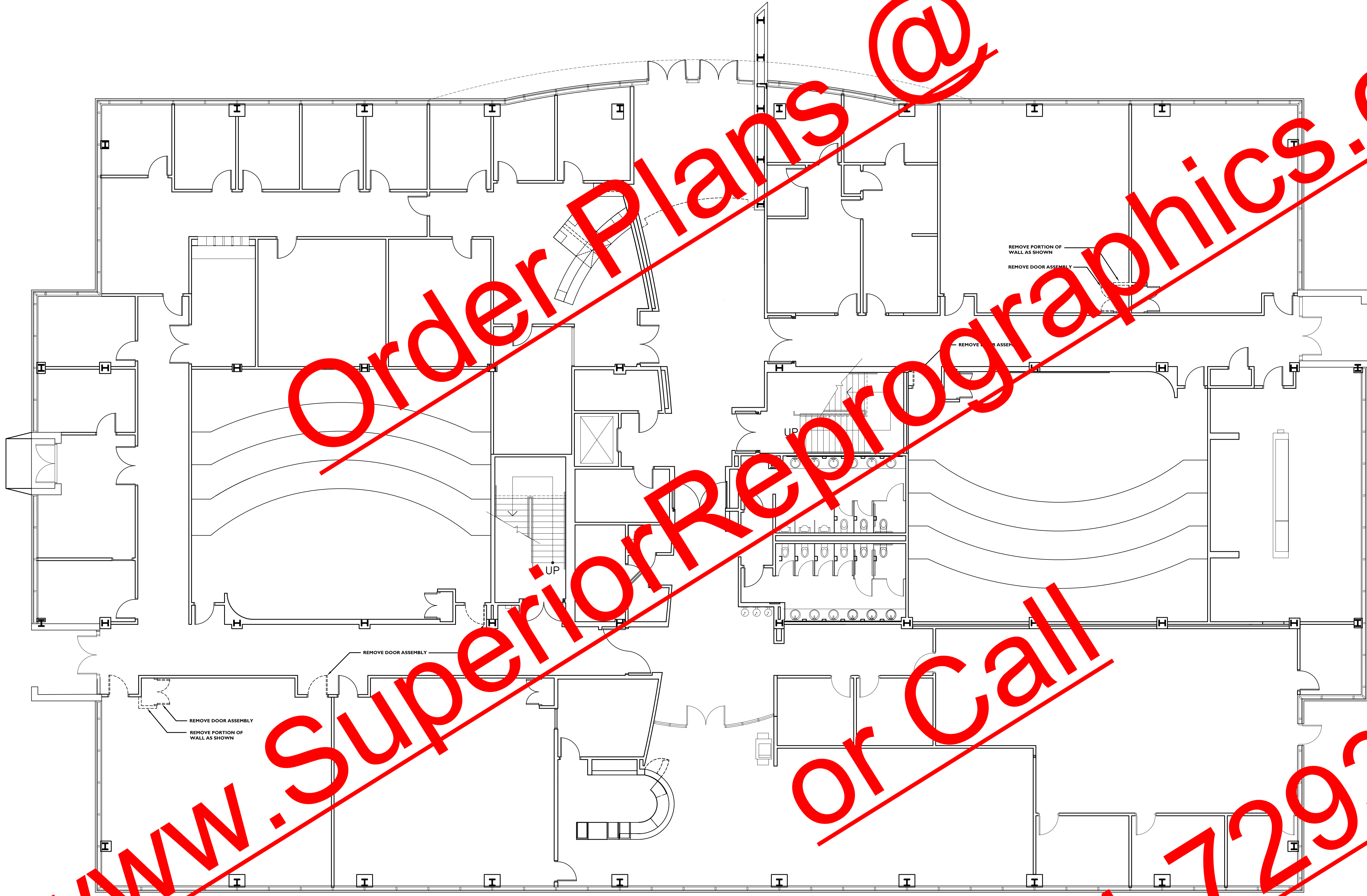
FIRE STOPPING		
METAL PIPE THROUGH A 1 HOUR GYPSUM WALL	UL SYSTEM WL1052	
PLASTIC PIPE THROUGH A SLEEVE IN A 1 HOUR GYPSUM WALL	UL SYSTEM WL2051/2052	
INSULATED METAL PIPE THROUGH A 1 HOUR GYPSUM WALL	UL SYSTEM WL5017	
CABLE OR CABLE BUNDLE THROUGH A SLEEVE IN A 1 HOUR GYPSUM WALL	UL SYSTEM WL3056	
METAL PIPE/CONDUIT THROUGH CONCRETE FLOOR OR WALL	UL SYSTEM CAJ1150	
INSULATED STEEL PIPE THROUGH CONCRETE FLOOR OR WALL	UL SYSTEM CAJ5046	
METAL PIPE THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL	UL SYSTEM CAJ1149	



PROJECT SUMMARY	
THIS PROJECT WILL PROVIDE MODIFICATIONS AND ALTERATIONS TO AN EXISTING BUILDING. WORK INCLUDES SELECTIVE DEMOLITION, DRYWALL WORK, DOORS, FRAMES, HARDWARE MILLWORK, INTERIOR FINISHES, MECHANICAL WORK, FIRE PROTECTION WORK, PLUMBING WORK AND ELECTRICAL WORK.	
OWNER	
BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA 270 WASHINGTON STREET ATLANTA, GEORGIA 30334-1450 tel: (404) 657-7405 fax: (404) 657-7433	
INSTITUTION	
GEORGIA PERIMETER COLLEGE CLARKSTON CAMPUS 555 N. INDIAN CREEK DRIVE CLARKSTON, GEORGIA 30021 tel: (678) 891-3960 fax: (678) 891-3905	
ARCHITECT	
GEORGIA PERIMETER COLLEGE PLANNING & ADMINISTRATION CLARKSTON CAMPUS 555 N. INDIAN CREEK DRIVE CLARKSTON, GEORGIA 30021 tel: (678) 891-3960 fax: (678) 891-3905	
MECHANICAL & ELECTRICAL ENGINEER	
SPENCER BRISTOL ENGINEERING, INC. 5880 LIVE OAK PARKWAY NW SUITE 140 NORCROSS, GEORGIA 30093 tel: (770) 414-1628 fax: (770) 414-6024	

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FIRST FLOOR DEMOLITION PLAN
 A1.1 1/8" = 1'-0"

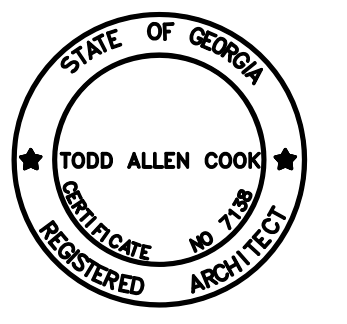
DEMOLITION PLAN LEGEND

- EXISTING WALLS TO BE REMOVED
- EXISTING WALLS TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN

DEMOLITION NOTES

1. THE CONTRACTOR MUST VISIT THE SITE AND SURVEY ALL CONDITIONS THAT EXIST TO REALIZE THE EXTENT OF THE WORK INVOLVED.
2. ALL PRECAUTIONARY MEASURES SHALL BE TAKEN TO PREVENT ANY ACCIDENT FROM OCCURRING DURING DEMOLITION.
3. DEMOLITION SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH ALL CODES AND OSHA REGULATIONS.
4. REMOVE DEMOLITION REFUSE AS WORK PROGRESSES TO PREVENT ACCUMULATION OF DEBRIS, BUT NOT LESS THAN DAILY.
5. DO NOT OPERATE MECHANICAL VENTILATION EQUIPMENT DURING DEMOLITION WORK IN A MANNER WHICH WOULD INTRODUCE DUST INTO THE SYSTEM. NEVER OPERATE SUCH EQUIPMENT WITH CLOGGED FILTERS OR WITH NO FILTERS.
6. PATCH EXISTING CONSTRUCTION TO REMAIN TO WHATEVER EXTENT NECESSARY AND RETURN EXPOSED CONSTRUCTION TO NEW APPEARANCE.
7. TURN OVER ALL SALVAGEABLE EQUIPMENT, FIXTURES, ETC., NOT SCHEDULED FOR REUSE, TO THE OWNER'S REPRESENTATIVE UNLESS SPECIFICALLY NOTED OTHERWISE.
8. DO NOT DISRUPT UTILITIES TO OTHER AREAS EXCEPT WITH THE FULL KNOWLEDGE AND CONSENT OF THE OWNER AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
9. DO NOT DISRUPT UTILITIES WHICH WOULD AFFECT THE FIRE ALARM OR FIRE PROTECTION SYSTEM, EXCEPT WITH THE KNOWLEDGE OF AND AS DIRECTED BY THE APPROPRIATE LOCAL GOVERNING AUTHORITIES.

REVISIONS

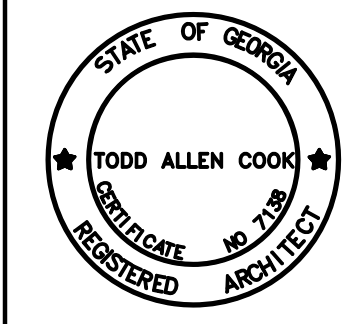


Georgia Perimeter College Plant Administration
 Clarkston, Georgia 30021
 555 North Indian Creek Drive
 Phone (770) 891-3960 Fax (770) 891-3905

PROPOSED RENOVATIONS
 ALPHARETTA CENTER
 GEORGIA PERIMETER COLLEGE

APRIL 14, 2011
 DRAWN BY: TAC
 APPROVED BY: LCG

A1.1



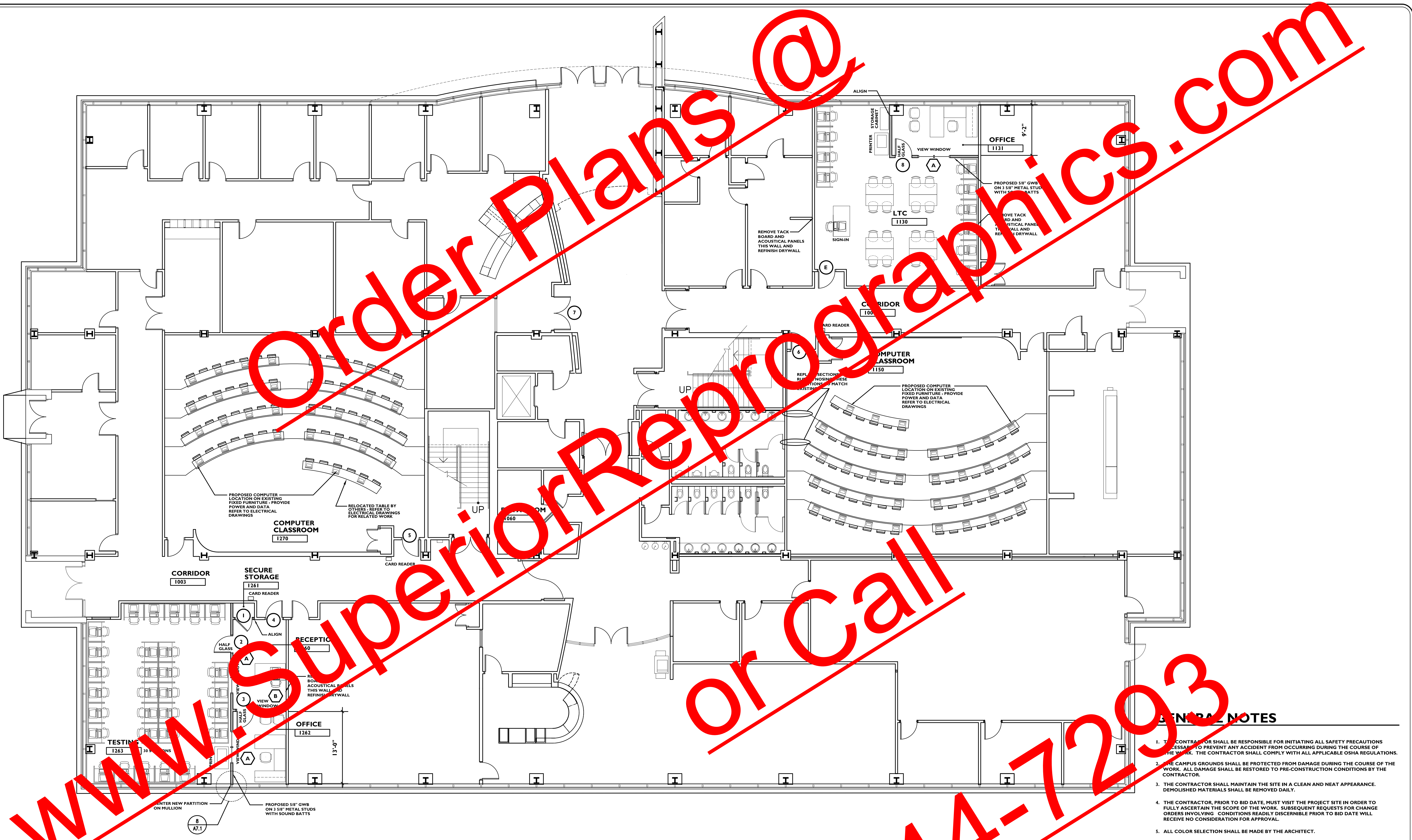
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PROPOSED RENOVATIONS
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A1.2



PROPOSED FIRST FLOOR PLAN
A1.2 1/8" = 1'-0"

FLOOR PLAN LEGEND

- EXISTING WALL
- 5/8" GWB ON EACH SIDE OF 3 5/8" METAL STUDS WITH SOUND ATTENUATION BATTIS - EXTEND PARTITION TO STRUCTURAL DECK AND SEAL TIGHT TO DECK

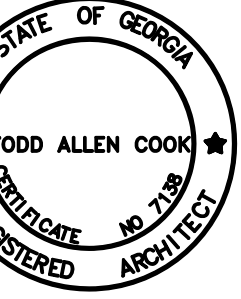
SYMBOLS LEGEND

- NEW DOOR NUMBER
- EXISTING DOOR
- NEW WINDOW/STOREFRONT
- ROOM NAME
ROOM NO.
- ELEVATION
- DETAIL

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING ALL SAFETY PRECAUTIONS NECESSARY TO PREVENT ANY ACCIDENT FROM OCCURRING DURING THE COURSE OF THE WORK. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OSHA REGULATIONS.
- THE CAMPUS GROUNDS SHALL BE PROTECTED FROM DAMAGE DURING THE COURSE OF THE WORK. ALL DAMAGE SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS BY THE CONTRACTOR.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND NEAT APPEARANCE. DEMOLISHED MATERIALS SHALL BE REMOVED DAILY.
- THE CONTRACTOR, PRIOR TO BID DATE, MUST VISIT THE PROJECT SITE IN ORDER TO FULLY ASCERTAIN THE SCOPE OF THE WORK. SUBSEQUENT REQUESTS FOR CHANGE ORDERS INVOLVING CONDITIONS READILY DISCERNIBLE PRIOR TO BID DATE WILL RECEIVE NO CONSIDERATION FOR APPROVAL.
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- THE CONTRACTOR SHALL BE PERMITTED TO UTILIZE THE EXISTING POWER AND WATER SERVICE AT THE INSTITUTION FOR CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL PROTECT EXISTING WALKS FROM DAMAGE DURING THE COURSE OF THE WORK. ALL DAMAGE RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS.
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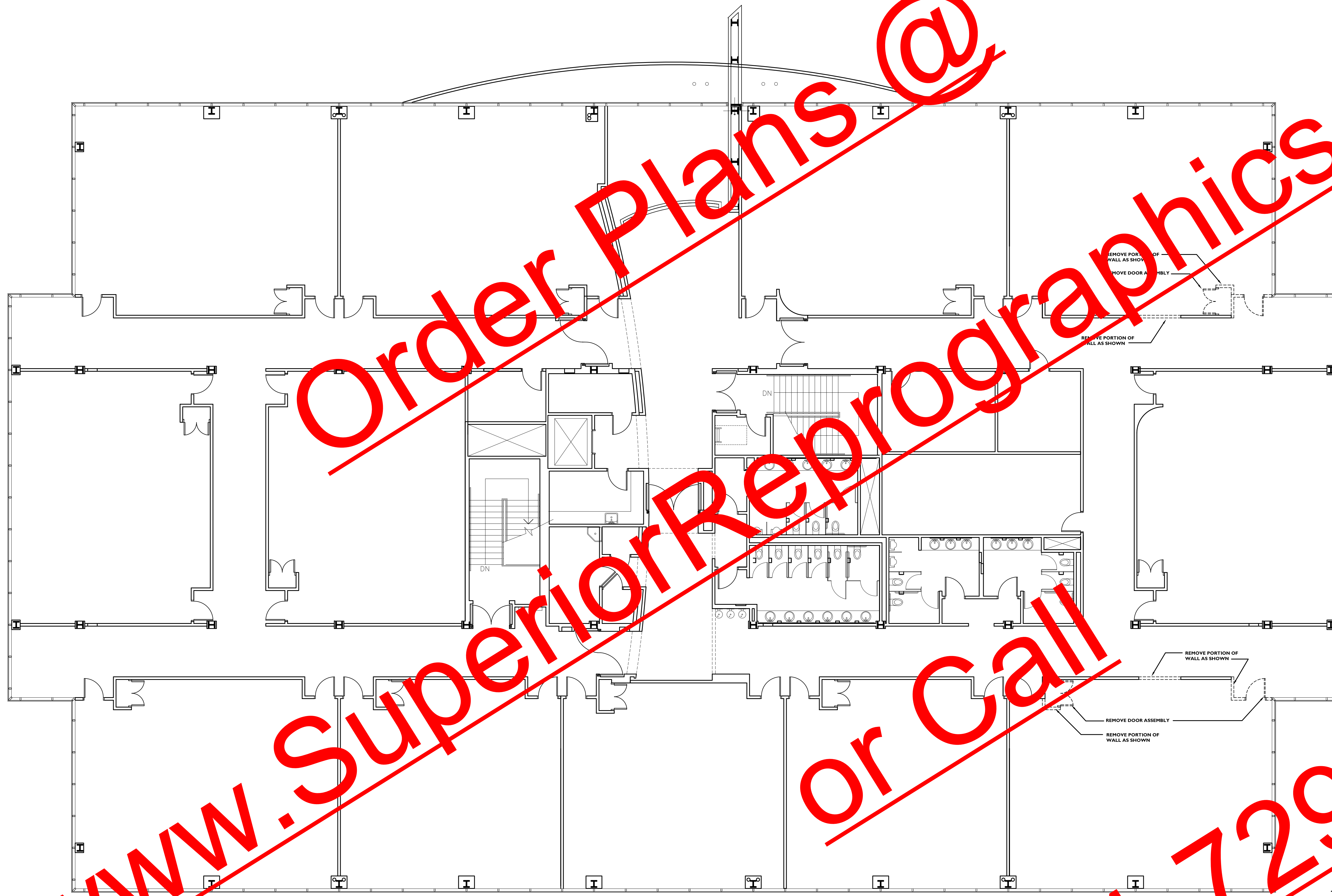
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PROPOSED RENOVATIONS
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GEORGIA PERIMETER COLLEGE

APRIL 14, 2011
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A2.1



A2.1 SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

DEMOLITION PLAN LEGEND

- EXISTING WALLS TO BE REMOVED
- EXISTING WALLS TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN

DEMOLITION NOTES

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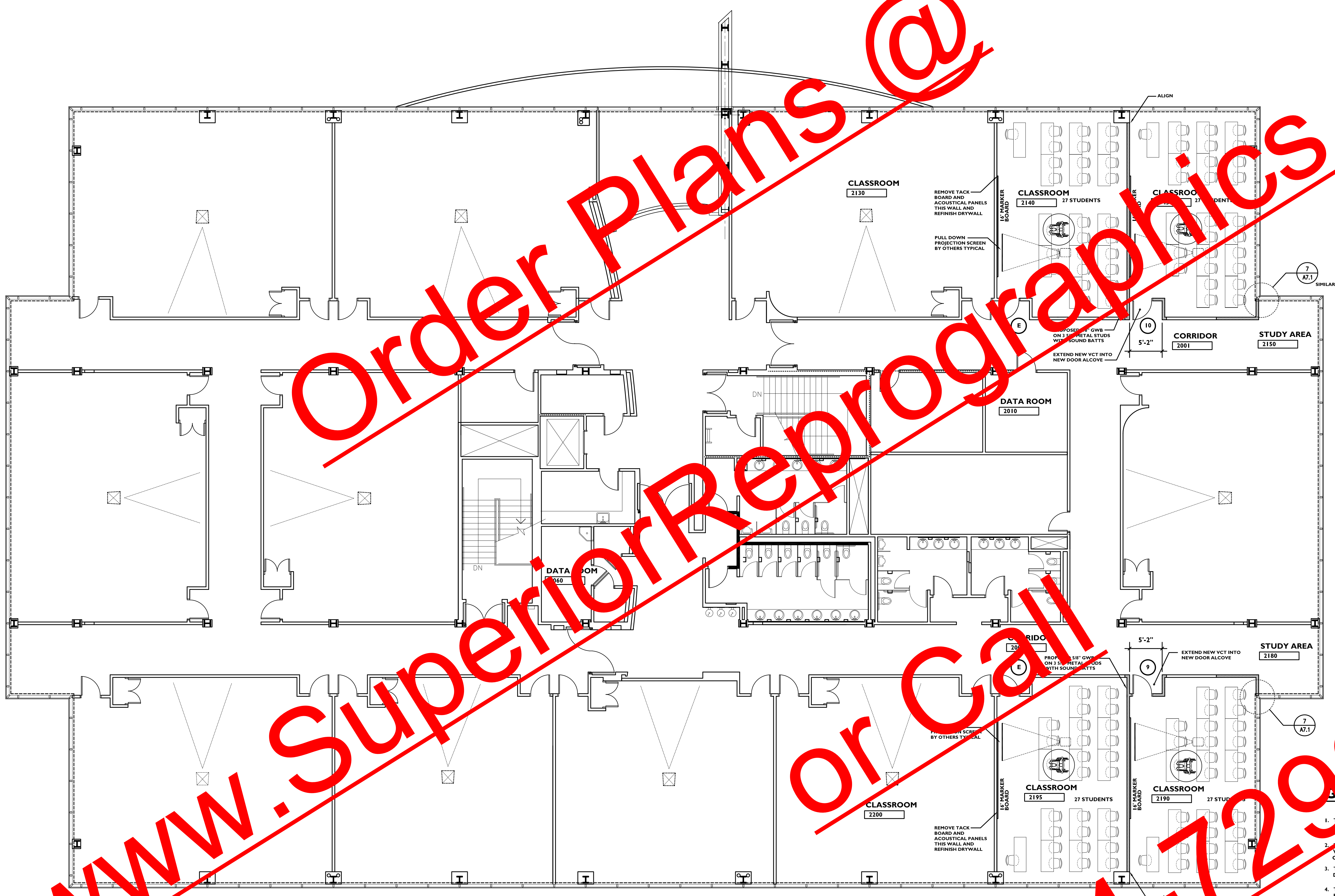
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PROPOSED SECOND FLOOR PLAN
A2.2 1/8" = 1'-0"

FLOOR PLAN LEGEND

- == EXISTING WALL
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SYMBOLS LEGEND

- (1) NEW DOOR NUMBER
- (A) EXISTING DOOR
- (A) NEW WINDOW/STOREFRONT
- ROOM NAME ROOM NO.
- (1) ELEVATION
- (1) DETAIL

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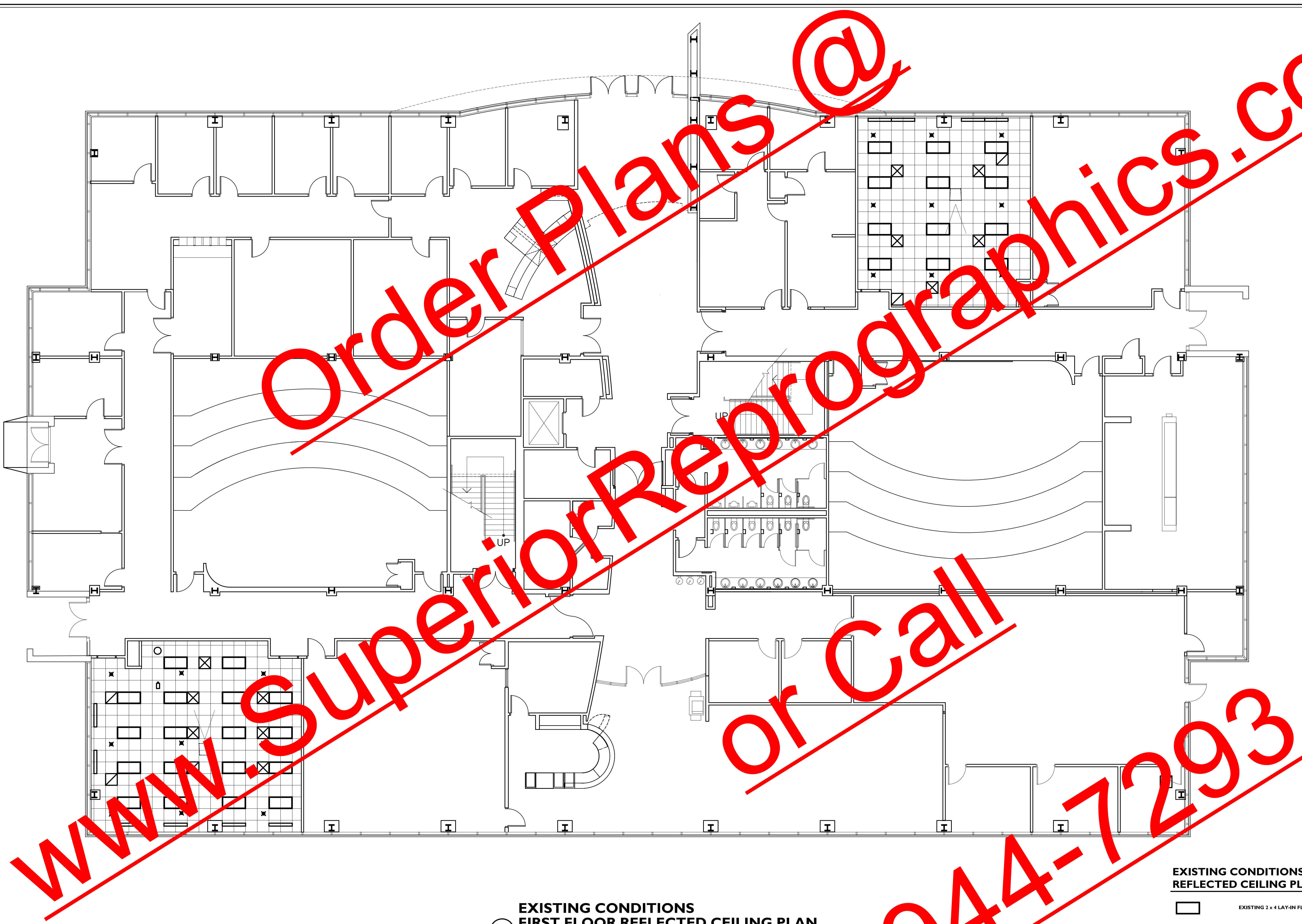
STATE OF GEORGIA
TODD ALLEN COOK
REGISTERED ARCHITECT
REG. NO. 7388

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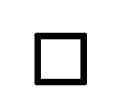





A2.2



**EXISTING CONDITIONS
FIRST FLOOR REFLECTED CEILING PLAN**

A3.1 1/8" = 1'-0"

**EXISTING CONDITIONS
REFLECTED CEILING PLAN LEGEND**

-  EXISTING 2 x 4 LAY-IN FLUORESCENT LIGHT FIXTURE
-  EXISTING 2 x 2 LAY-IN FLUORESCENT LIGHT FIXTURE
-  EXISTING DOWN LIGHT
-  EXISTING EXIT LIGHT
-  EXISTING SUPPLY AIR REGISTER
-  EXISTING RETURN AIR GRILLE
-  EXISTING SPRINKLER HEAD

REVISIONS

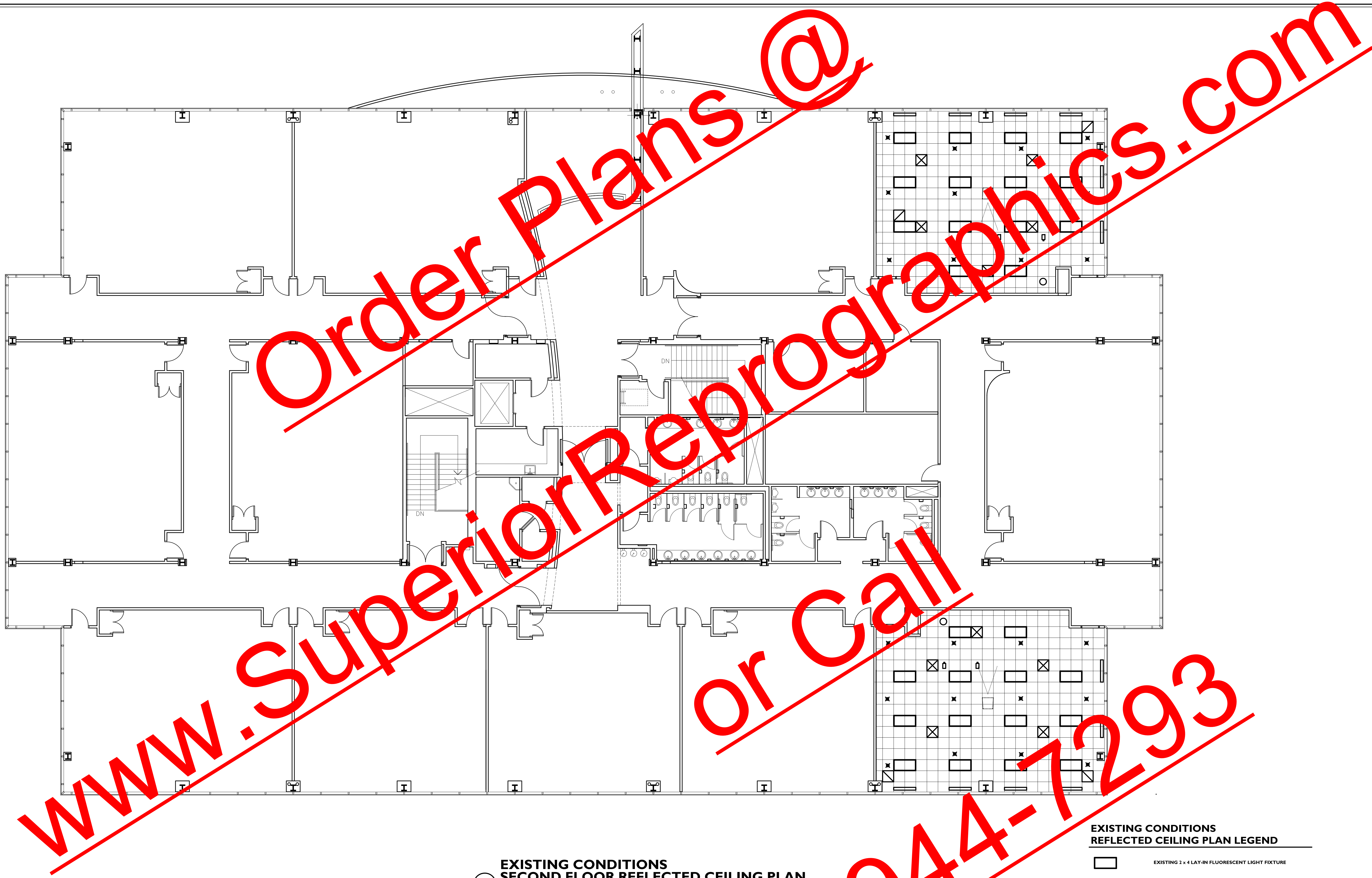


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A3.1



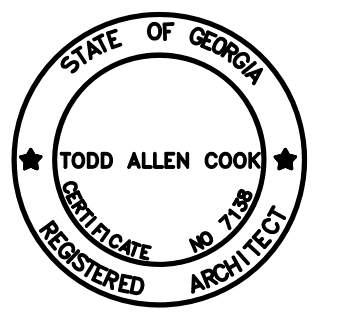
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**EXISTING CONDITIONS
SECOND FLOOR REFLECTED CEILING PLAN**
 A3.2 1/8" = 1'-0"

**EXISTING CONDITIONS
REFLECTED CEILING PLAN LEGEND**

□	EXISTING 2 x 4 LAY-IN FLUORESCENT LIGHT FIXTURE
□	EXISTING 2 x 2 LAY-IN FLUORESCENT LIGHT FIXTURE
○	EXISTING DOWN LIGHT
⊗	EXISTING EXIT LIGHT
⊠	EXISTING SUPPLY AIR REGISTER
⊡	EXISTING RETURN AIR GRILLE
×	EXISTING SPRINKLER HEAD

REVISIONS

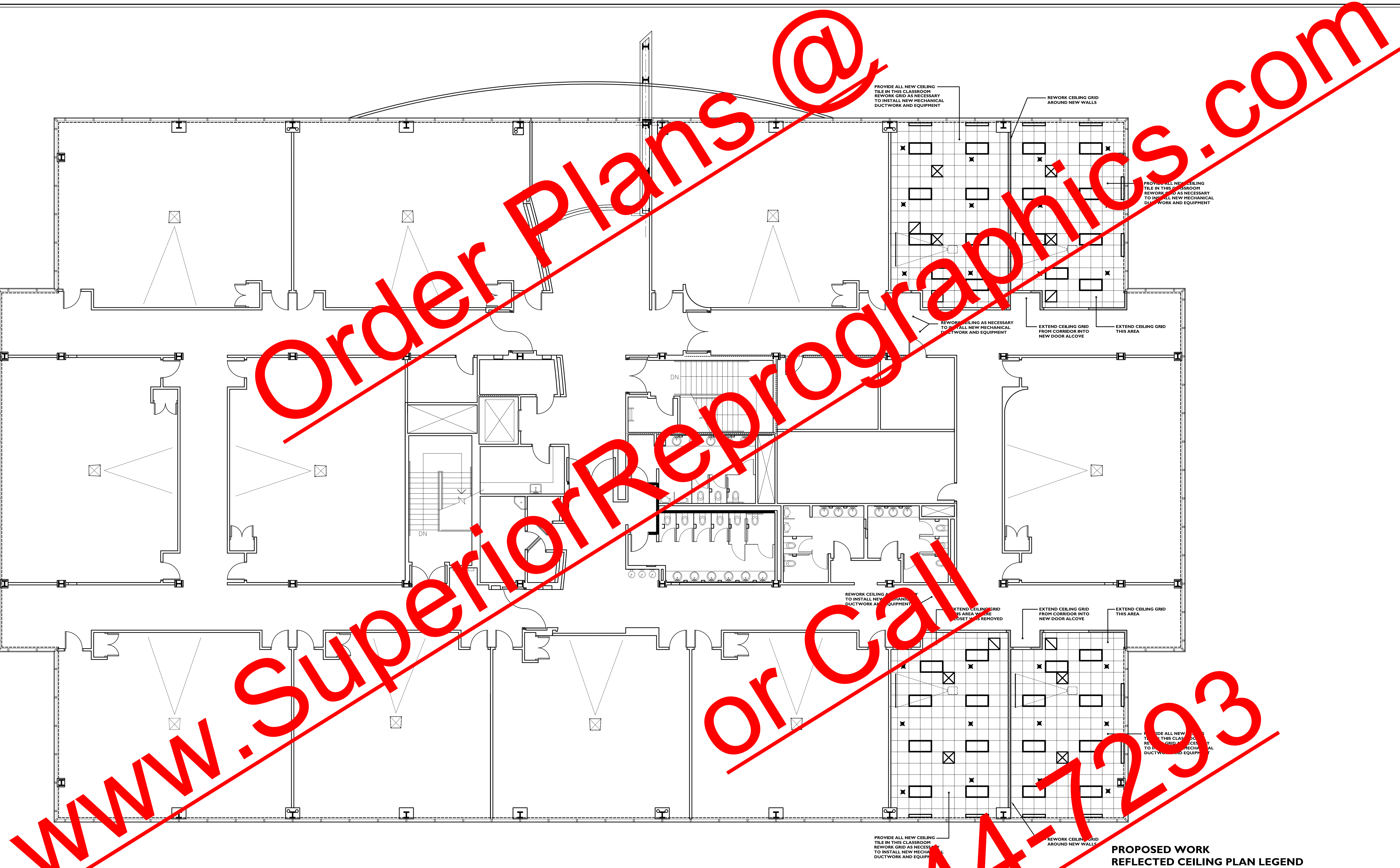


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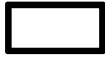






A3.2



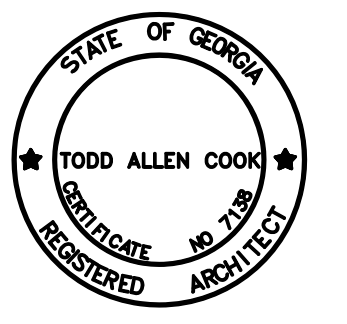
**PROPOSED WORK
SECOND FLOOR REFLECTED CEILING PLAN**

A3.4 1/8" = 1'-0"

**PROPOSED WORK
REFLECTED CEILING PLAN LEGEND**

-  PROPOSED 2 x 4 LAY-IN FLUORESCENT LIGHT FIXTURE
-  PROPOSED 2 x 2 LAY-IN FLUORESCENT LIGHT FIXTURE
-  PROPOSED DOWN LIGHT
-  PROPOSED EXIT LIGHT
-  PROPOSED SUPPLY AIR REGISTER
-  PROPOSED RETURN AIR GRILLE
-  PROPOSED SPRINKLER HEAD

REVISIONS



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**PROPOSED RENOVATIONS
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A3.4

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DOOR SCHEDULE

DOOR NUMBER	DOOR SIZE	MATERIAL			FINISH			ASSEMBLY RATING	HARDWARE FUNCTION	CLOSER	SIGNAGE	DETAILS			REMARKS	
		MATERIAL	TYPE	FINISH	MATERIAL	SIZE	TYPE					FINISH	HEAD	JAMB		SILL
1	3'-0" x 7'-0" x 1 3/4"	SC WOOD	D	STAIN	HM	*	I	PAINT	-	LOCKSET	-	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
2	3'-0" x 7'-0" x 1 3/4"	SC WOOD	A	STAIN	HM	*	I	PAINT	-	LOCKSET	YES	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
3	3'-0" x 7'-0" x 1 3/4"	SC WOOD	A	STAIN	HM	*	I	PAINT	-	LOCKSET	NO	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
4	3'-0" x 7'-0" x 1 3/4"	SC WOOD	B	STAIN	HM	*	I	PAINT	C 3/4 HR	LOCKSET	YES	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
5	3'-0" x 7'-0" x 1 3/4"	SC WOOD	B	STAIN	HM	*	I	PAINT	C 3/4 HR	LOCKSET	YES	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
6	3'-0" x 7'-0" x 1 3/4"	SC WOOD	B	STAIN	HM	*	I	PAINT	C 3/4 HR	LOCKSET	YES	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
7	PAIR 3'-0" x 7'-0" x 1 3/4"	SC WOOD	C	STAIN	EXISTING	EXISTING	-	PAINT	C 3/4 HR	NOTE 1	NOTE 1	-	-	-	-	-
8	3'-0" x 7'-0" x 1 3/4"	SC WOOD	A	STAIN	HM	*	I	PAINT	-	LOCKSET	NO	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
9	3'-0" x 7'-0" x 1 3/4"	SC WOOD	B	STAIN	HM	*	I	PAINT	C 3/4 HR	LOCKSET	YES	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
10	3'-0" x 7'-0" x 1 3/4"	SC WOOD	B	STAIN	HM	*	I	PAINT	C 3/4 HR	LOCKSET	YES	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION

FINISH SCHEDULE

ROOM NO.	ROOM NAME	WALLS	TRIM	FLOORING	BASE	CEILING	CEILING HT.	REMARKS
1001	CORRIDOR	EXISTING PAINT	EXISTING PAINT	EXISTING	EXISTING	EXISTING		
1002	CORRIDOR	NOTE 5 PAINT	EXISTING	NOTE 5	EXISTING	EXISTING		
1131	LTC	PAINT	PAINT	CARPET 4" RESIL	ACT	NOTE 4		
1132	COMPUTER CLASSROOM	EXISTING	EXIST	EXISTING	EXISTING	EXISTING		
1241	RECEPTION	PAINT	PAINT	CARPET 4" RESIL	ACT	NOTE 4		
1242	OFFICE	PAINT	PAINT	CARPET 4" RESIL	ACT	NOTE 4		
1243	TESTING	PAINT	PAINT	CARPET 4" RESIL	ACT	NOTE 4		
1270	COMPUTER CLASSROOM	EXISTING	EXIST	EXISTING	EXISTING	EXISTING		
2001	CORRIDOR	NOTE 5 PAINT	NOTE 5	NOTE 5	NOTE 5	NOTE 4		
2003	CORRIDOR	NOTE 5 PAINT	NOTE 5	NOTE 5	NOTE 5	NOTE 4		
2140	CLASSROOM	PAINT	PAINT	CARPET 4" RESIL	ACT	NOTE 4		
2145	CLASSROOM	PAINT	PAINT	CARPET 4" RESIL	ACT	NOTE 4		
2150	STUDY AREA	NOTE 5 PAINT	NOTE 5	NOTE 5	NOTE 5	NOTE 4		
2189	STUDY AREA	NOTE 5 PAINT	NOTE 5	NOTE 5	NOTE 5	NOTE 4		
2190	CLASSROOM	PAINT	PAINT	CARPET 4" RESIL	ACT	NOTE 4		
2195	CLASSROOM	PAINT	PAINT	CARPET 4" RESIL	ACT	NOTE 4		

FINISH SCHEDULE NOTES

NOTE 1: REMOVE EXISTING FINISHES AT LOCATION WHERE NEW FINISH IS INDICATED.

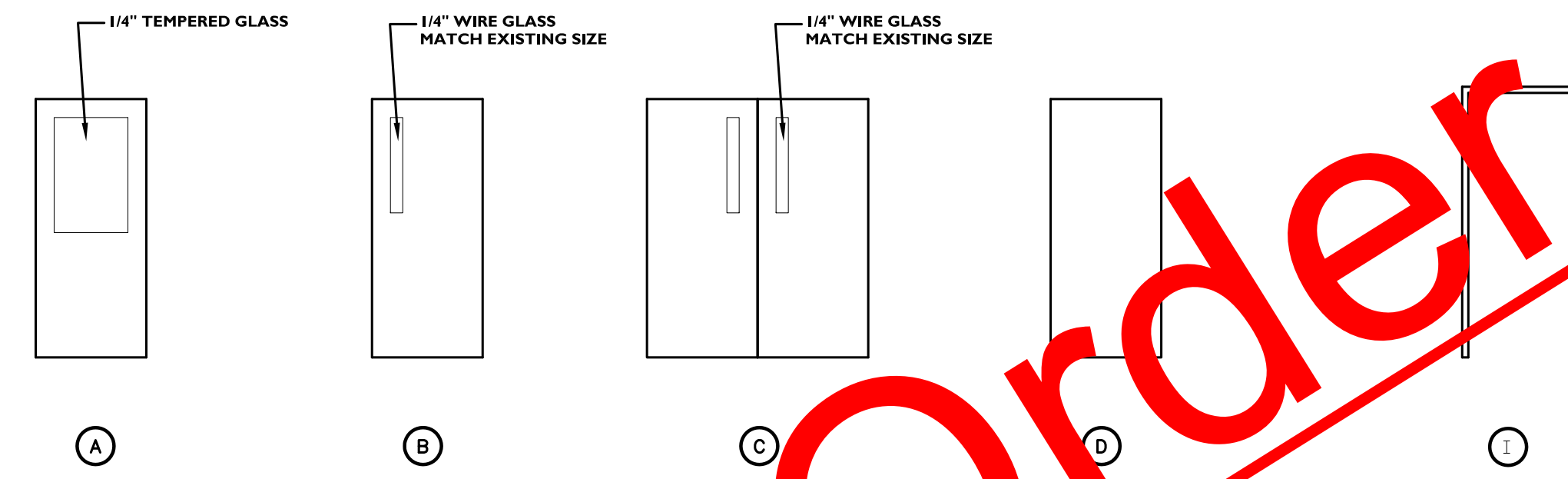
NOTE 2: PAINT ALL TRIM EXISTING SPACES THAT ARE INDICATED TO RECEIVE NEW PAINT.

NOTE 3: WHERE DUCTWORK, PIPE, OR CONDUIT ARE EXPOSED, PAINT THE SAME AS WALLS OR CEILING UNLESS OTHERWISE NOTED. REFER TO THE PAINTING SPECIFICATION.

NOTE 4: MATCH EXISTING CEILING HEIGHT.

NOTE 5: REWORK EXISTING CEILING SYSTEM AS REQUIRED DUE TO NEW WORK. REFER TO REFLECTED CEILING PLAN. PAINT WALLS WHERE NEW WORK IS INDICATED FROM CORNER TO CORNER. PROVIDE NEW BASE TO MATCH EXISTING. FLOORING IS EXISTING EXCEPT WHERE NOTED OTHERWISE.

NOTE 6: ABBREVIATIONS:
 RESIL - RESILIENT
 ACT - ACTUAL
 VCT - VINYL COMPOSITION TILE

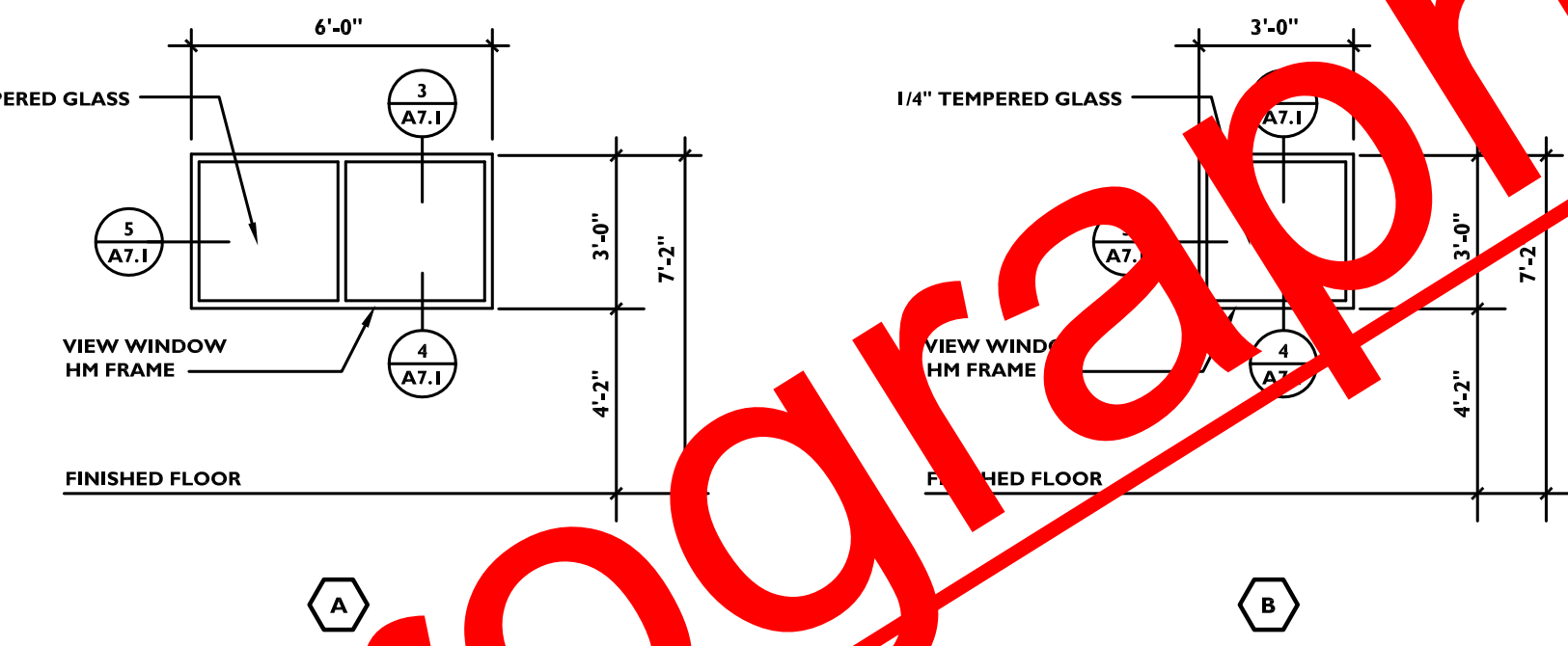


DOOR TYPES

1/4" = 1'-0"

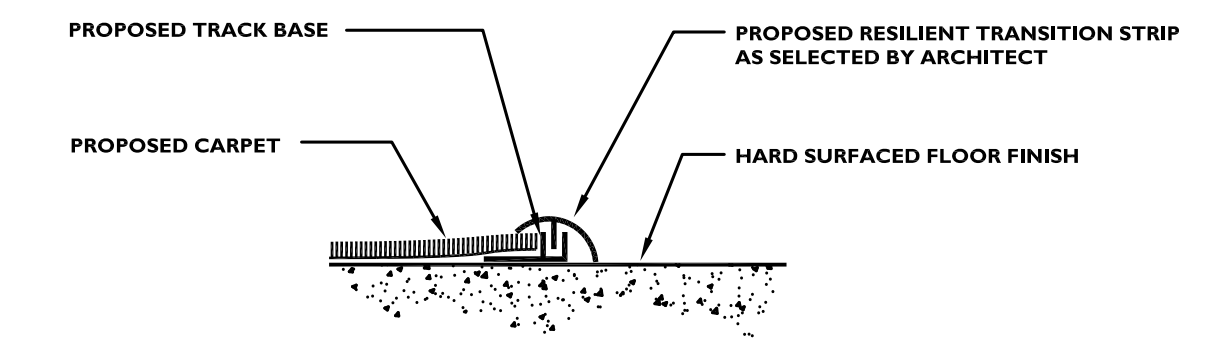
DOOR FRAME TYPES

1/4" = 1'-0"



WINDOW TYPES

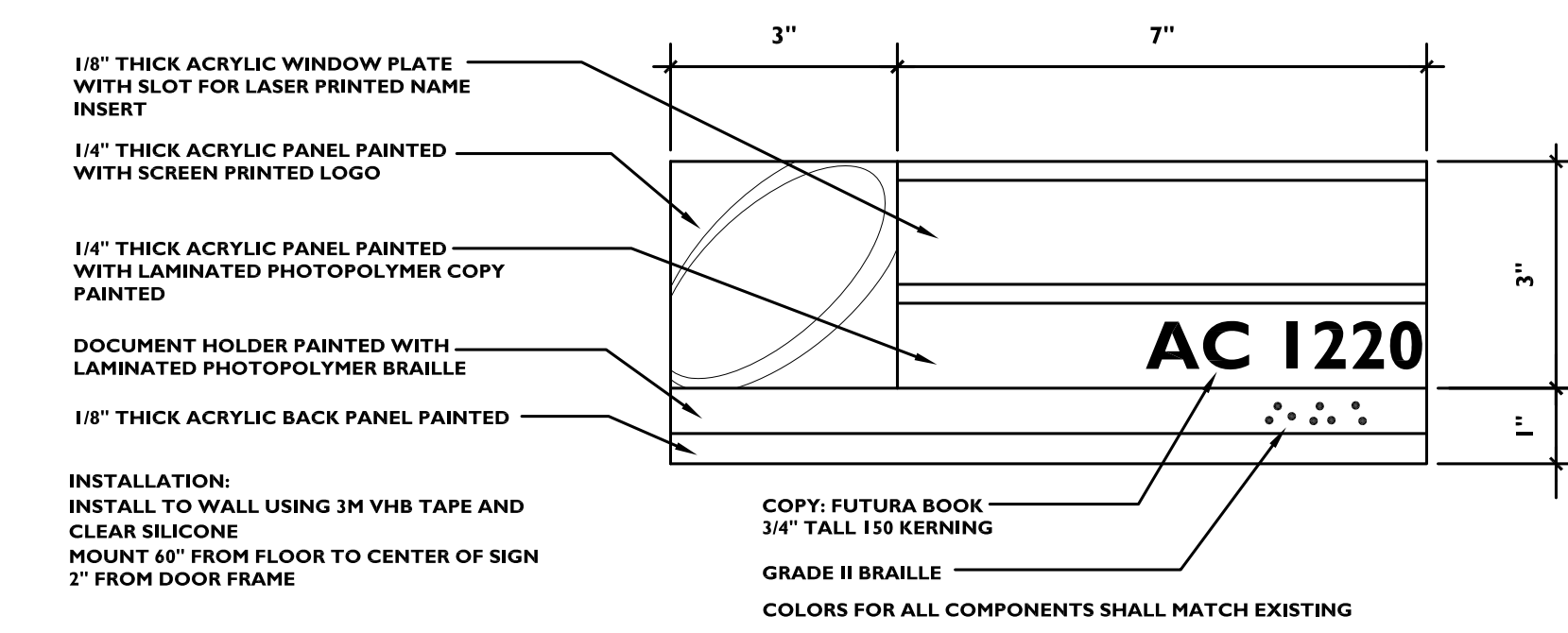
1/4" = 1'-0"



CARPET TRANSITION DETAIL

3" = 1'-0"

NOTE: CONTRACTOR SHALL PROVIDE TRANSITION STRIPS AT ALL LOCATIONS WHERE PROPOSED CARPET ABUTS HARD SURFACED FLOORING.

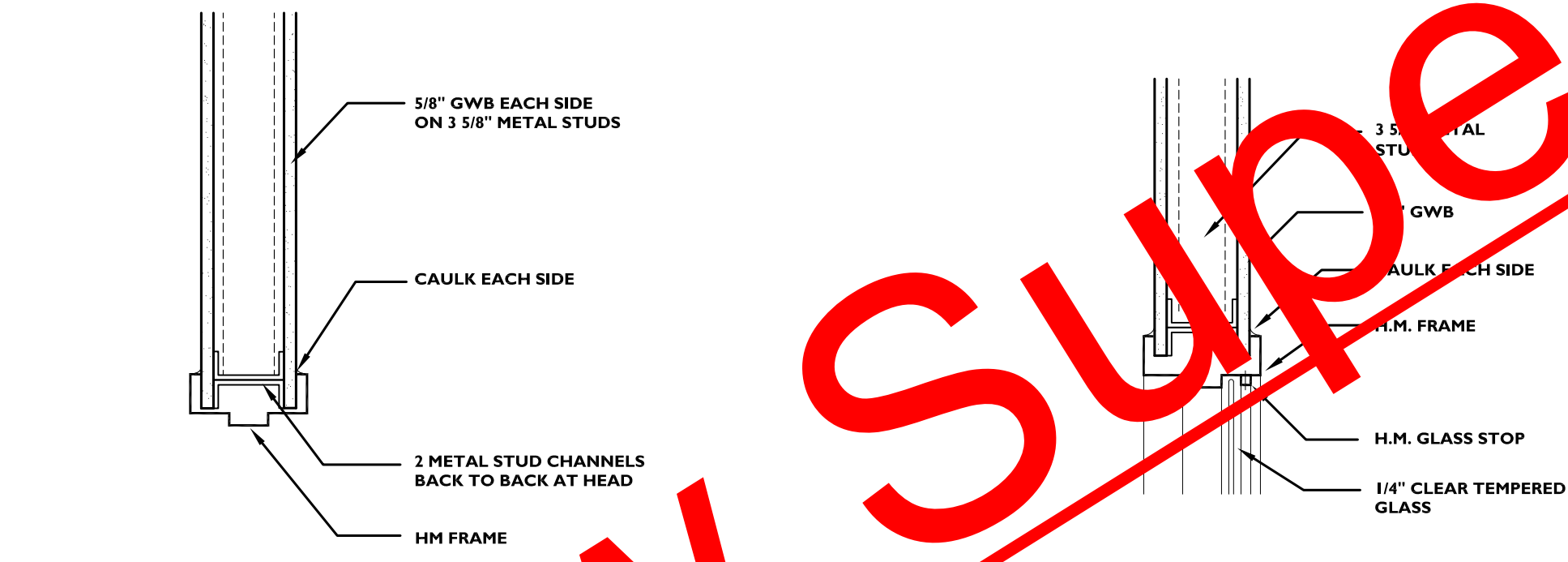


SIGNAGE TYPE A

NO SCALE

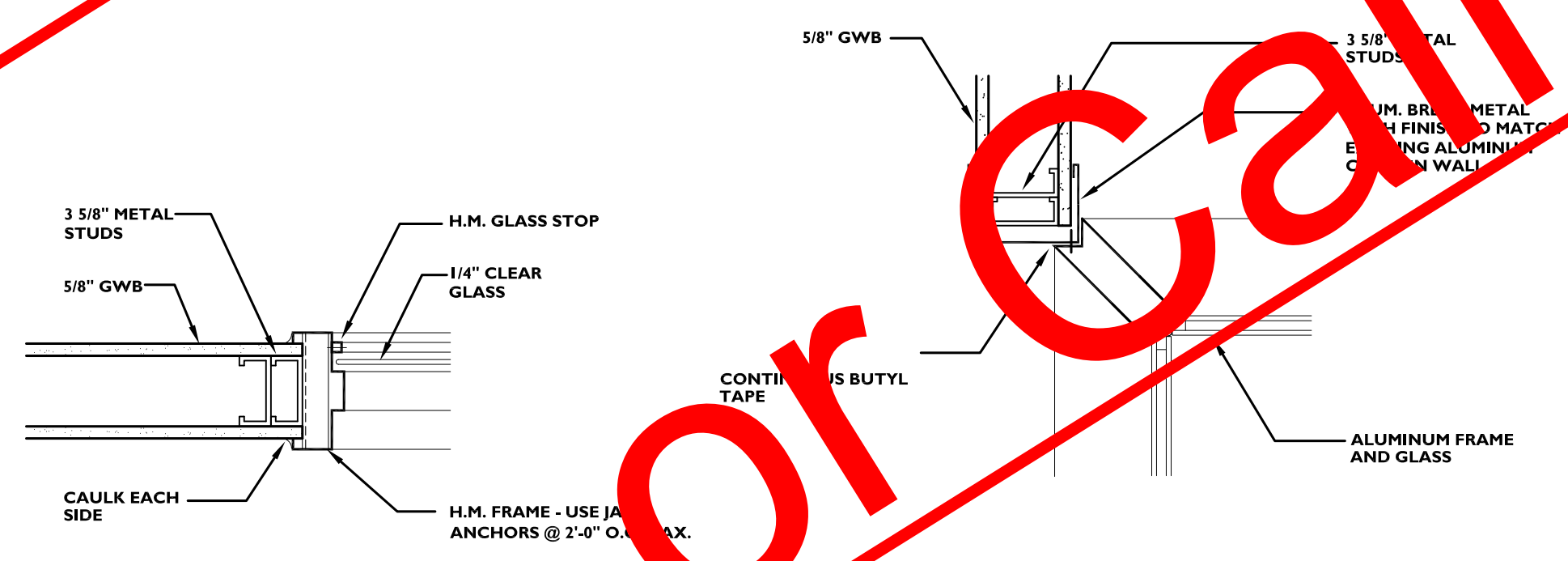
INSTALLATION: INSTALL TO WALL USING 3M VHB TAPE AND CLEAR SILICONE. MOUNT 48" FROM FLOOR TO CENTER OF SIGN. 2" FROM DOOR FRAME.

COLORS FOR ALL COMPONENTS SHALL MATCH EXISTING.



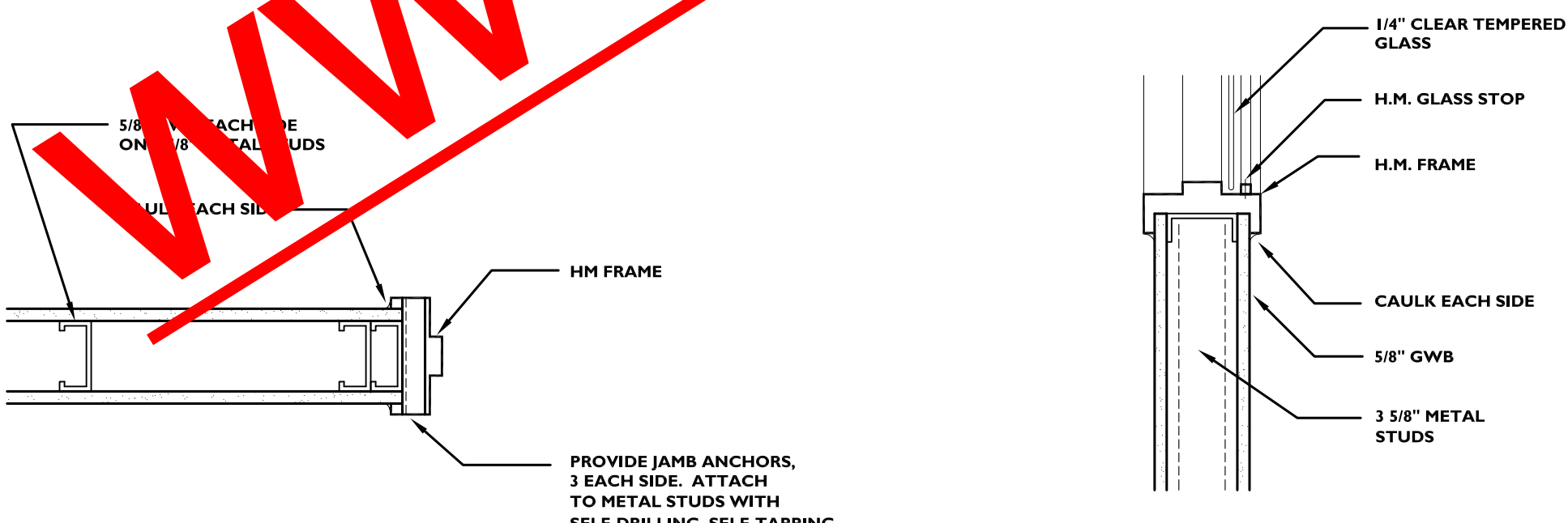
HEAD

1 1/2" = 1'-0"



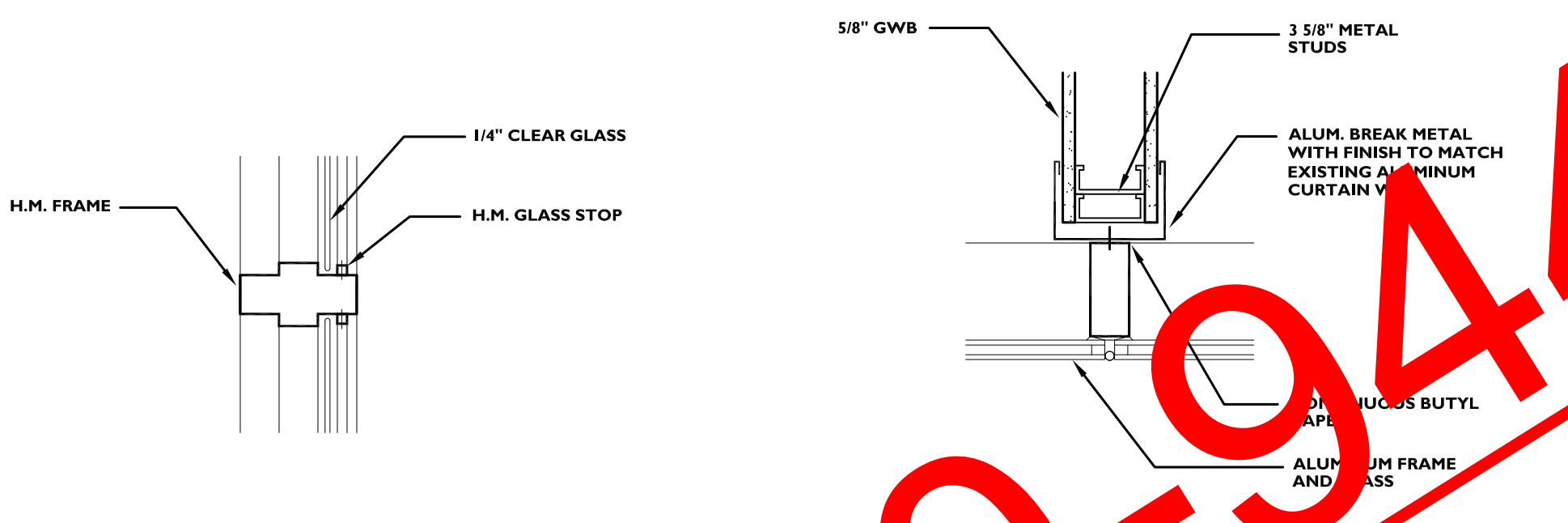
JAMB

1 1/2" = 1'-0"



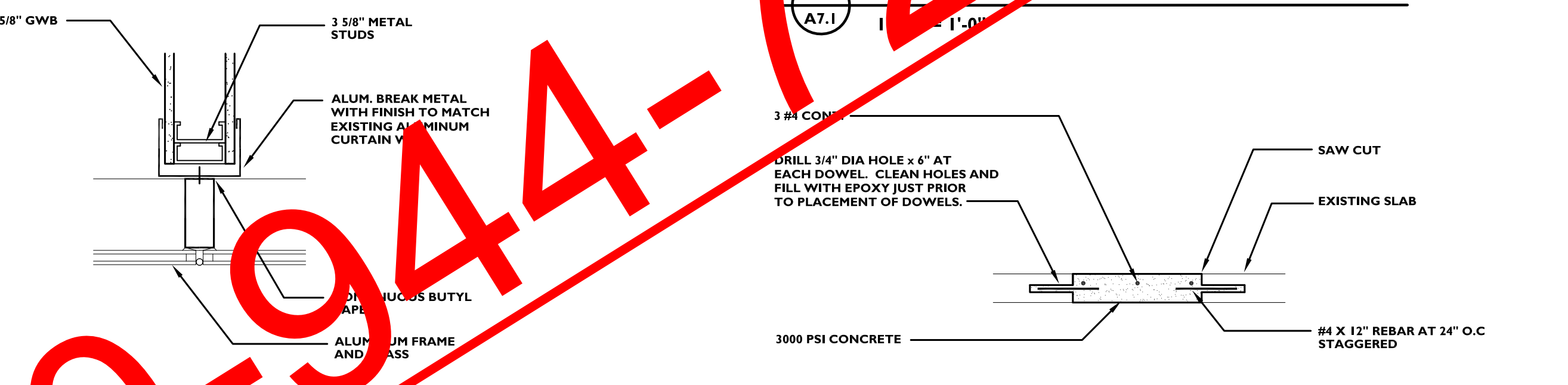
JAMB

1 1/2" = 1'-0"



MULLION

1 1/2" = 1'-0"



SLAB ON GRADE PATCHING DETAIL

3/4" = 1'-0"

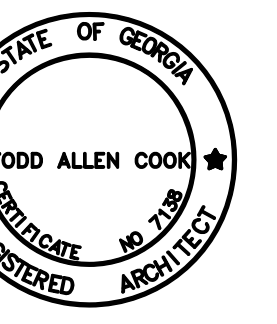


SECOND FLOOR OR ROOF SLAB PATCHING DETAIL

1 1/2" = 1'-0"

REVISIONS

NO.	DESCRIPTION



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 ALPHARETTA CENTER
 GEORGIA PERIMETER COLLEGE

APRIL 14, 2011
 DRAWN BY: TAC
 APPROVED BY: LCG

A7.1

MECHANICAL LEGEND

LINE WEIGHTS	
	EXISTING TO REMAIN
	TO BE DEMOLISHED OR NEW WORK
SYMBOLS	
	RECTANGULAR DUCT SIZE: FIRST DIMENSION IS SIDE DRAWN
	FLAT OVAL DUCT SIZE: FIRST DIMENSION IS SIDE DRAWN
	ROUND DUCTWORK
	RECTANGULAR TO ROUND DUCT TRANSITION
	FLEXIBLE ROUND DUCT
	FLEXIBLE DUCT CONNECTION
	ADJUSTABLE DEFLECTOR VANES AT BRANCH DUCT
	SQUARE DUCT ELBOW WITH TURNING VANES
	FIRE DAMPER IN DUCT THROUGH WALL
	ONE INCH THICK DUCT LINER
	SPLITTER DAMPER WITH SPLIT DIMENSIONS SHOWN
	WALL MOUNTED TEMPERATURE SENSOR
	POINT OF CONNECTION OR LIMIT OF SCOPE OF WORK
	CUBIC FEET PER MINUTE AIRFLOW
ABBREVIATIONS	
APPROX	APPROXIMATE
BAS	BUILDING AUTOMATION SYSTEM
CFM	CUBIC FEET PER MINUTE
KW	KILOWATTS
MAX	MAXIMUM
MIN	MINIMUM
TEMP	TEMPERATURE
TYP	TYPICAL

GRILLE SCHEDULE

MARK	CARNES MODEL No.	SIZE	THROW	FINISH	NOTES
(A)	SATM-40	6x6	4-WAY	WHITE	1:2:3:4:
(B)	SATM-40	9x9	4-WAY	WHITE	1:2:3:4:
(C)	SATM-40	15x15	4-WAY	WHITE	1:2:3:4:
(D)	RAPAH	24x24	-	WHITE	2:5:6:
(E)	-	-	-	-	7:

- SQUARE, LOUVER FACE ALUMINUM CEILING SUPPLY DIFFUSER
- IN 24x24 PANEL FOR LAY-IN CEILING
- PROVIDE STEEL OPPOSED BLADE VOLUME DAMPER
- ROUND NECK OR PROVIDE SQUARE TO ROUND ADAPTER
- 1/2"x1/2"x1/2" EGG-CRATE ALUMINUM FINISHING GRILL
- PANEL ONLY, PROVIDE U-CHESS FRAME TO BE LOCATED
- EXISTING GRILLE OR DIFFUSER TO REMAIN TO BE RELOCATED

POWERED INDUCTION UNIT SCHEDULE

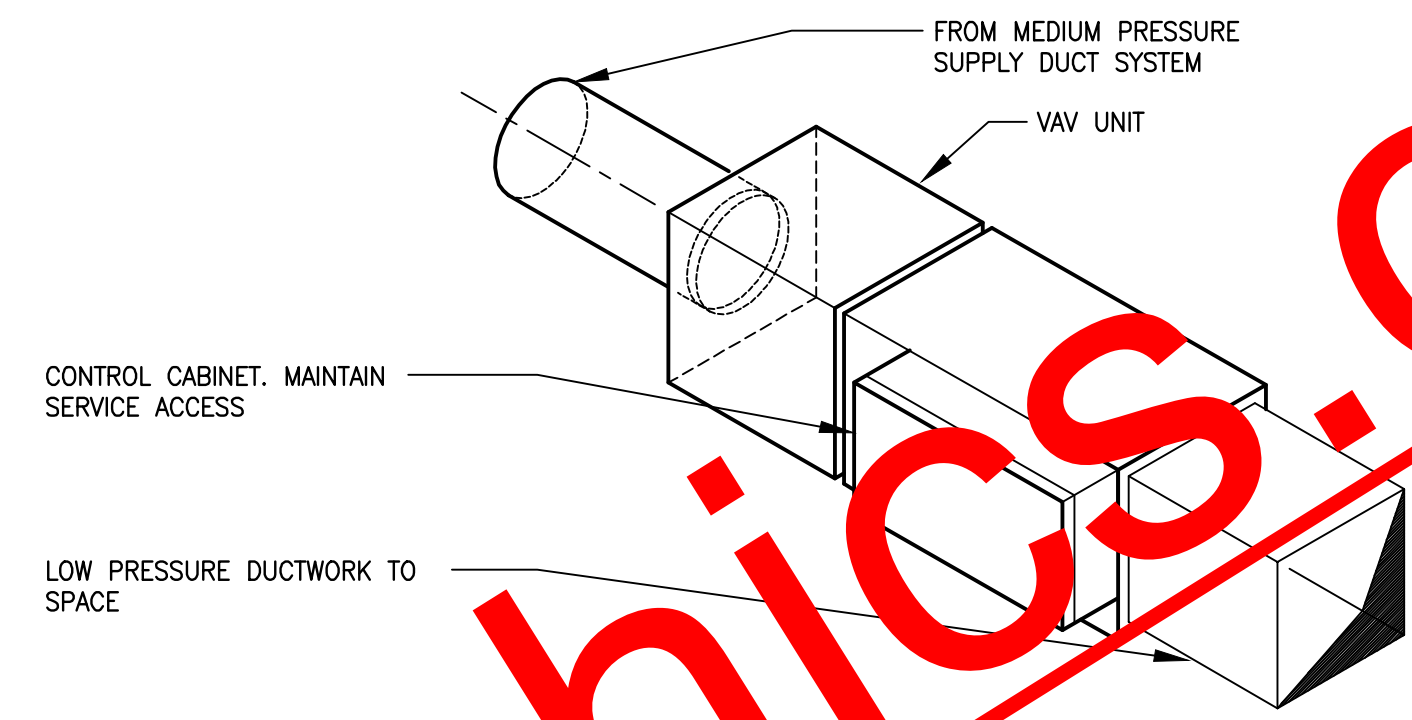
MARK	PRIMARY CFM	MIN PRIMARY CFM	MAX BLOWER CFM	HEAT KW	NOTES
PIU 1-1	1200	300	1080	9	1:2:3:4:
PIU 1-11	1000	100	540	4	1:2:3:4:
PIU 2-6	1000	350	1260	10	1:2:3:4:
PIU 2-7	1400	350	1260	10	1:2:3:4:

- EXISTING POWERED INDUCTION UNIT TO REMAIN
- RE-USE EXISTING ROOM TEMPERATURE SENSOR
- BALANCE THE POWERED INDUCTION UNIT TO PRODUCE THE SCHEDULED VALUES
- REPORT ANY OPERATIONAL PROBLEMS TO THE OWNER

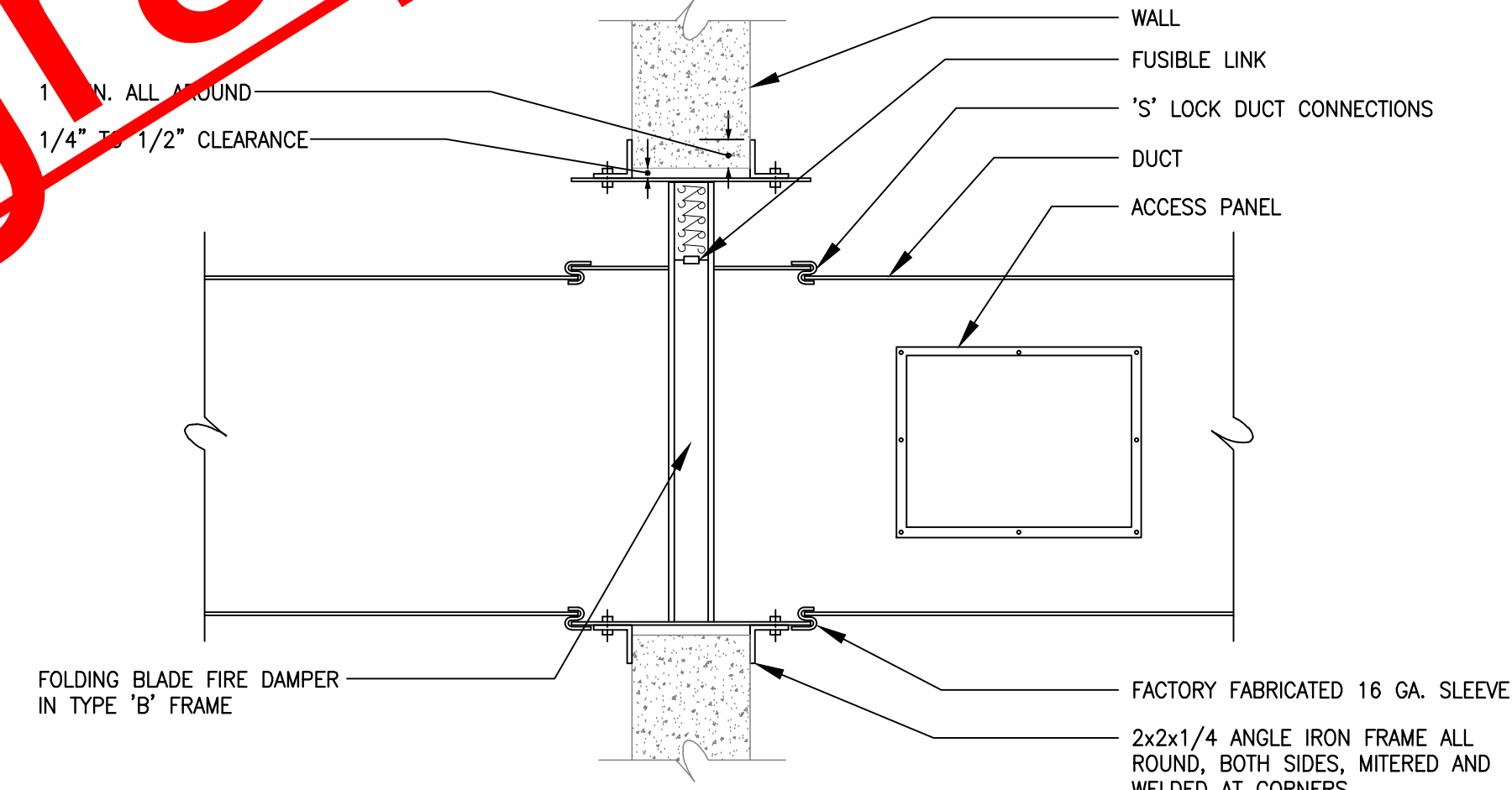
VARIABLE AIR VOLUME UNIT SCHEDULE

MARK	TRANE MODEL No.	MAX PRIMARY CFM	MIN PRIMARY CFM	NOTES
VAV 1-1	VCCF-14	2650	665	1:2:3:4:5:8:
VAV 1-7	-	900	225	5:7:8:
VAV 2-5A	VCCF-06	500	125	2:3:4:5:7:8:
VAV 2-5B	VCCF-08	550	140	1:2:3:4:5:7:8:
VAV 2-7A	VCCF-06	500	125	1:2:3:4:5:7:8:
VAV 2-7B	VCCF-08	550	140	1:2:3:4:6:8:

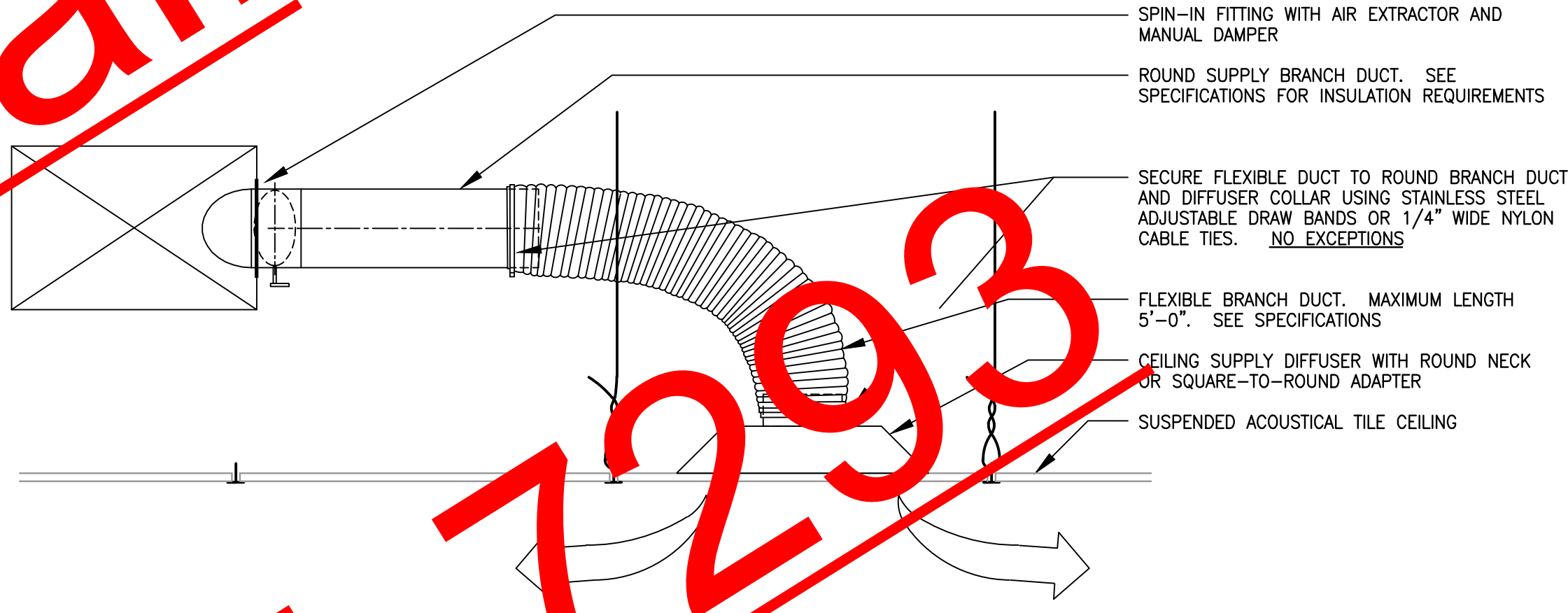
- NEW VAV TERMINAL SERVICE VAV TO BE COMPATIBLE WITH BAS
- PROVIDE INTERFERE FREE TO BE COMPATIBLE WITH BAS
- PROVIDE PRIMARY AIR DAMPER WITH ELECTRIC ACTUATOR
- PRESSURE INDEPENDENT TYPE
- USE EXISTING ROOM TEMPERATURE SENSOR
- PROVIDE NEW ROOM TEMPERATURE SENSOR
- EXISTING VAV TERMINAL TO REMAIN
- BALANCE NEW AND EXISTING VAV TERMINALS TO PRODUCE THE SCHEDULED VALUES
- REPORT ANY OPERATIONAL PROBLEMS TO THE OWNER



VAV TERMINAL - NO HEAT



DUCT THRU WALL W/ FIRE DAMPER



BRANCH SUPPLY DUCT

REVISIONS



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PROPOSED RENOVATIONS
 ALPHARETTA CENTER
 GEORGIA PERIMETER COLLEGE

MAY 24, 2011
 DRAWN BY: TDH
 APPROVED BY: MVS

M.O.I

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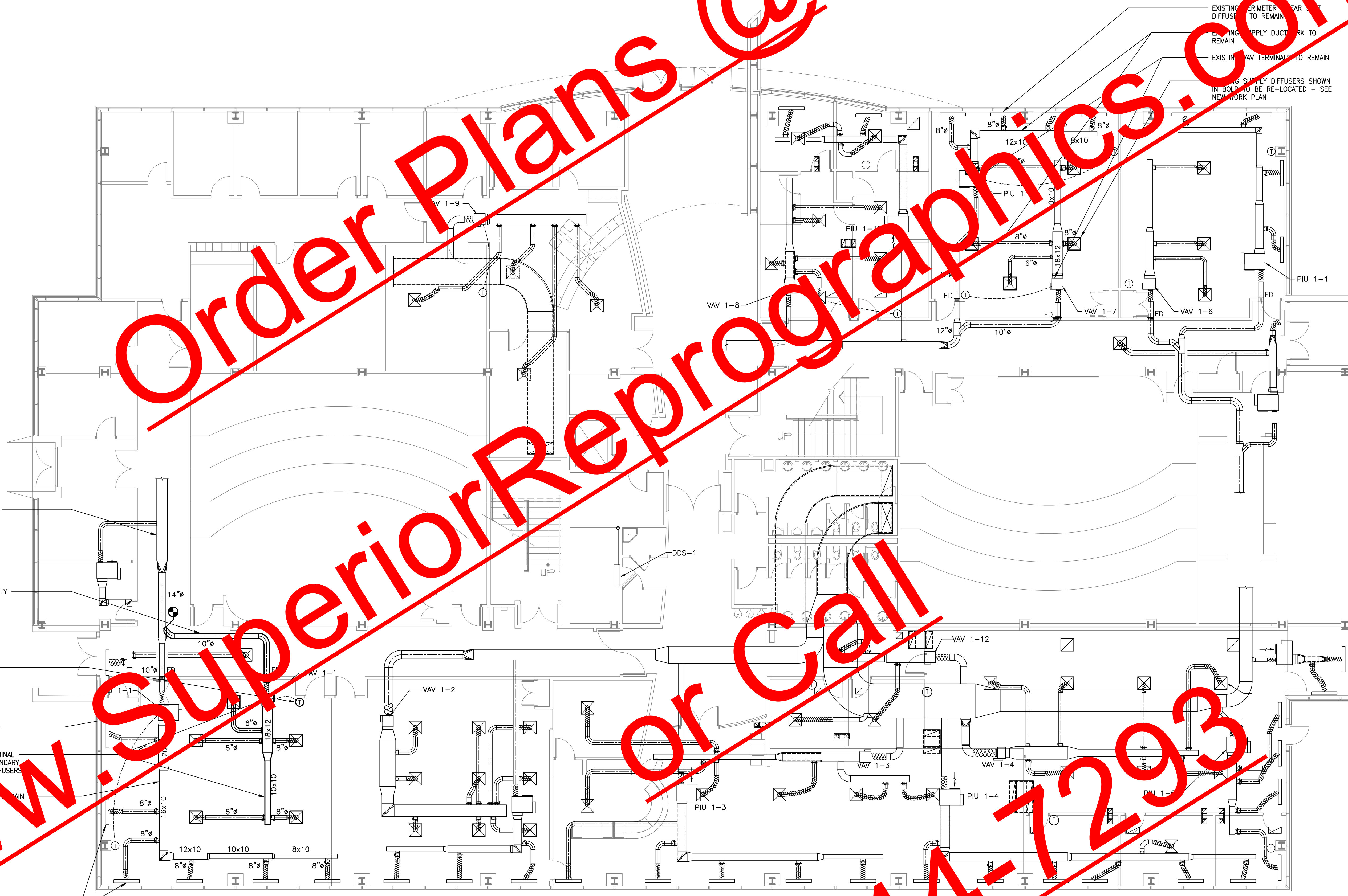


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M.I.

EXISTING PERIMETER LINEAR SLOT DIFFUSERS TO REMAIN
EXISTING SUPPLY DUCTWORK TO REMAIN
EXISTING VAV TERMINALS TO REMAIN
EXISTING SUPPLY DIFFUSERS SHOWN IN BOLD TO BE RE-LOCATED - SEE NEW WORK PLAN



EXISTING PRIMARY SUPPLY DUCT TO REMAIN

REMOVE EXISTING PRIMARY SUPPLY DUCT DOWNSTREAM OF LIMIT OF SCOPE OF WORK SYMBOL

REMOVE EXISTING SPACE TEMPERATURE SENSOR AND SAVE FOR RELOCATION

EXISTING VAV TERMINAL UNIT TO REMAIN

REMOVE THIS EXISTING VAV TERMINAL UNIT AND ALL ASSOCIATED SECONDARY SUPPLY DUCTWORK, CEILING DIFFUSERS AND ACCESSORIES

EXISTING SUPPLY DUCTWORK TO REMAIN

EXISTING PERIMETER LINEAR SLOT DIFFUSERS TO REMAIN

FIRST FLOOR MECHANICAL DEMOLITION PLAN

M.I. 1/8" = 1'-0"

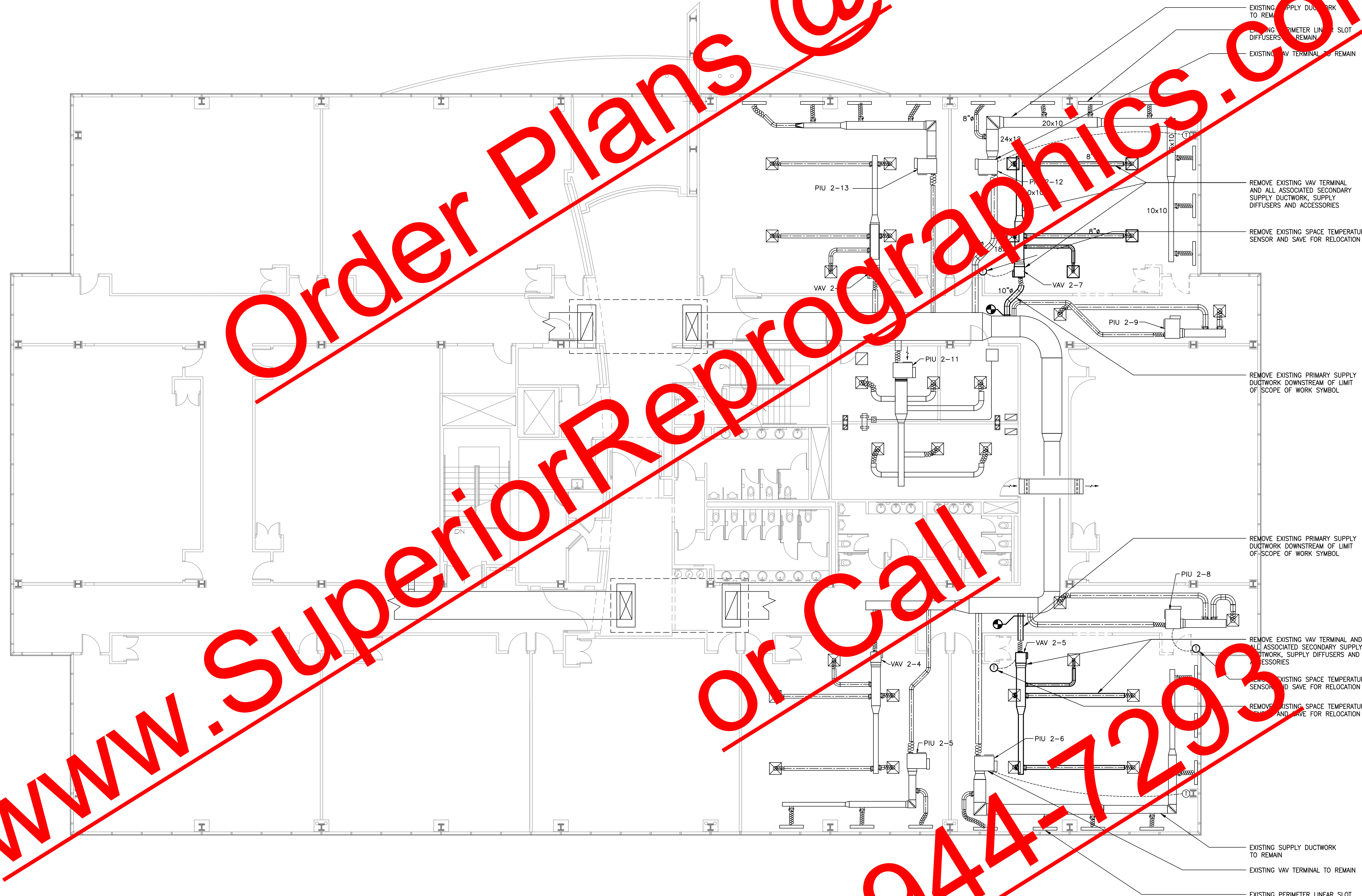


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1 SECOND FLOOR MECHANICAL DEMOLITION PLAN
M1.2 1/8" = 1'-0"

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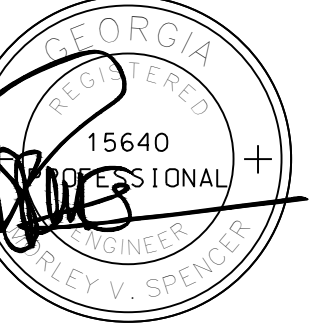
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M1.2

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PROPOSED RENOVATIONS
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M2.I

RELOCATE EXISTING SUPPLY DIFFUSERS SHOWN IN BOLD TO NEW CEILING GRID.

PROVIDE NEW CEILING RETURN GRILLES SHOWN IN BOLD

PROVIDE 12x12 RETURN AIR OPENING ABOVE CEILING

PIU 1-1

COMPUTER CLASSROOM
1150

PROPOSED COMPUTER LOCATION ON EXISTING FIXED FURNITURE - PROVIDE POWER AND DATA

DATA ROOM
1060

DDS-1

COMPUTER CLASSROOM
1270

PROPOSED COMPUTER LOCATION ON EXISTING FIXED FURNITURE - PROVIDE POWER AND DATA

SECURITY STORAGE
126

RECEPTION
1260

OFFICE
1262

TESTING
1263

12x10

10x10

8x10

8x10

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FIRST FLOOR MECHANICAL NEW WORK PLAN

M2.I 1/8" = 1'-0"

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CONNECT NEW PRIMARY SUPPLY DUCT TO EXISTING THIS LOCATION

CAP DUCT AT REMOVED BRANCH

PROVIDE NEW VAV TERMINAL VAV 1-1

RE-INSTALL EXISTING SPACE TEMPERATURE SENSOR IN THIS LOCATION

ALL NEW DUCTWORK RUN ABOVE SUSPENDED CEILING

PROVIDE 24x16 RETURN AIR OPENING ABOVE CEILING WITH FIRE DAMPER, TYPICAL FOR TWO

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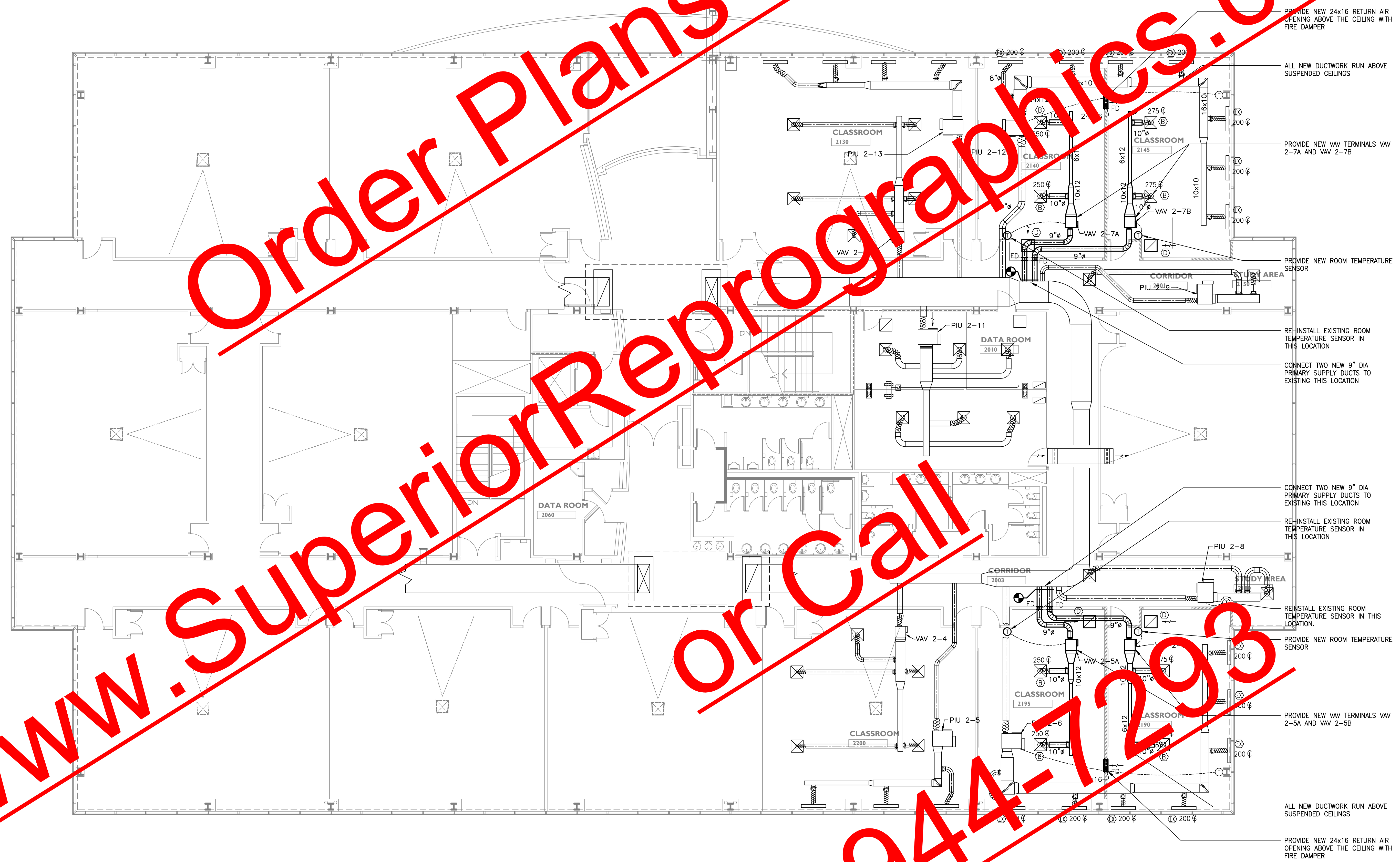
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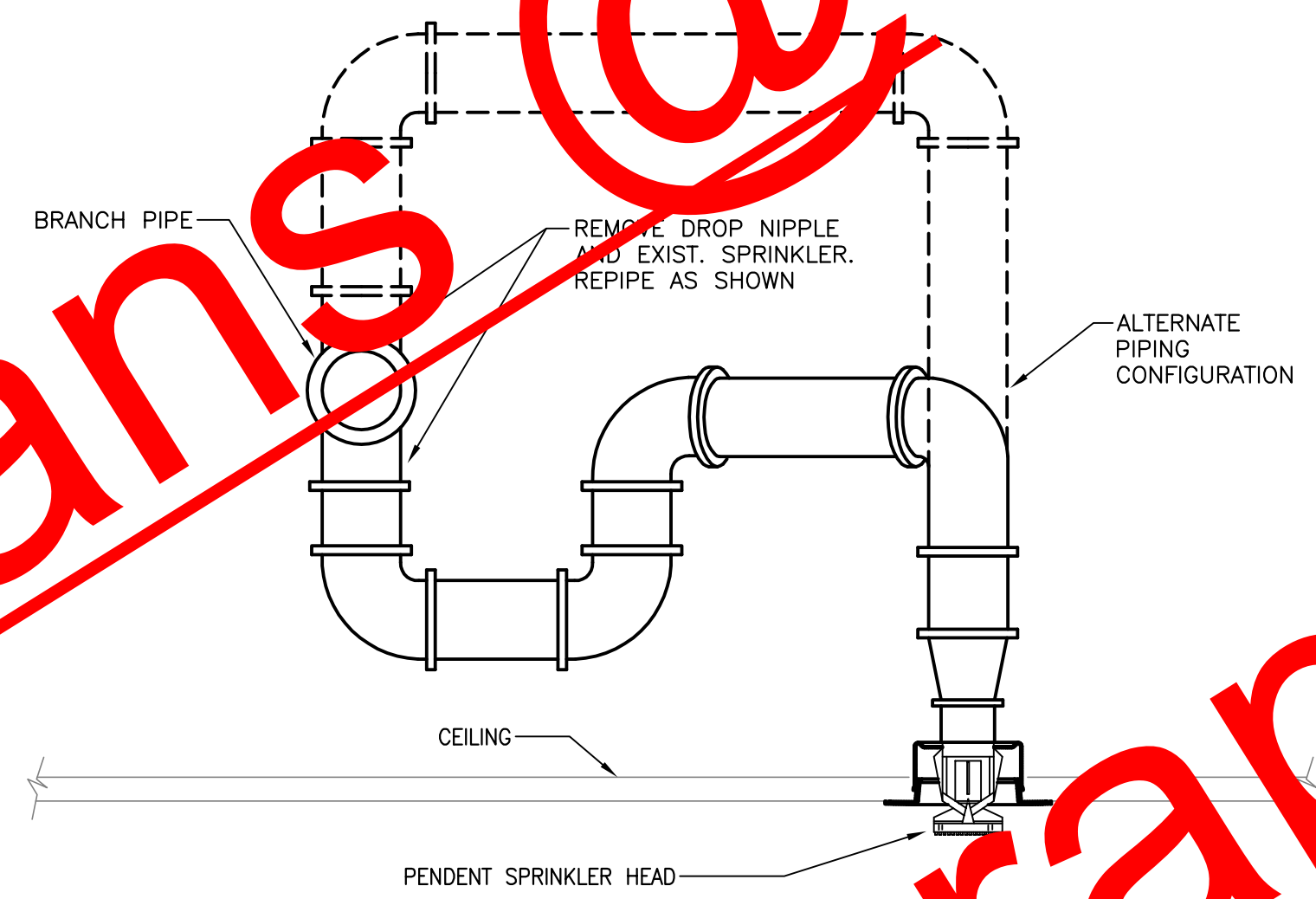
M2.2



SECOND FLOOR MECHANICAL NEW WORK PLAN
M2.2 1/8" = 1'-0"

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1
FP0.1 N.T.S.
TYPICAL SPRINKLER HEAD RELOCATION

FIRE PROTECTION GENERAL NOTES

- BIDDING CONTRACTORS MUST REVIEW ALL DRAWINGS, CONDITIONS, DOCUMENTS AND SPECIFICATION PRIOR TO BID.
EQUIPMENT AND MATERIALS USED AND WORK PERFORMED SHALL BE IN ACCORDANCE WITH RULES AND REGULATIONS OF THE FOLLOWING:
(A) FACTORY MUTUAL INSURANCE COMPANY
(B) NATIONAL FIRE PROTECTION ASSOCIATION
(C) OWNER'S INSURANCE CARRIERS
(D) LOCAL AND STATE REGULATIONS
(E) INTERNATIONAL BUILDING CODES
- CONTRACTOR SHALL NOT ALTER, EXTEND AND/OR MODIFY THE EXISTING SPRINKLER SYSTEMS INDICATED ON THE DRAWINGS OR AS REQUIRED TO SUIT THE CONFIGURATION OF THE NEW CEILING APPURTENANCES. COORDINATE SPRINKLER PIPING AND HEAD LOCATIONS WITH DUCTWORK AND LIGHTING FIXTURES.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIALS, AND LABOR REQUIRED TO SATISFY A COMPLETE WORKING SYSTEM.
- THE WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH NFPA 13 (LATEST EDITION), ALL LOCAL CODES AND OTHER NFPA REGULATIONS GOVERNING WORK OF THIS NATURE.
- THE CONTRACTOR SHALL BEFORE SUBMITTING ANY PROPOSAL, EXAMINE THE PROPOSED SITE AND SHALL DETERMINE FOR HIMSELF THE CONDITIONS THAT MAY AFFECT THE WORK. NO ALLOWANCE SHALL BE MADE IF THE CONTRACTOR FAILS TO MAKE SUCH EXAMINATIONS.
- ALL EQUIPMENT AND MATERIALS SHALL BE SPECIFIED OR "APPROVED EQUAL" BY THE ENGINEER, OR ARCHITECT.
- THE FIRE SPRINKLER CONTRACTOR SHALL PREPARE FIRE SPRINKLER SHOP DRAWINGS AND HYDRAULIC CALCULATION IN ACCORDANCE WITH NFPA 13, AND FIRE SPRINKLER SPECIFICATION. DRAWINGS, CALCULATIONS AND ALL DATA CUT SHEETS FOR ALL COMPONENTS SHALL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION, THE ARCHITECT AND THE OWNER'S FIRE PROTECTION CONSULTANT FOR REVIEW AND APPROVAL. FABRICATION AND INSTALLATION SHALL NOT COMMENCE WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER PRIOR TO OBTAINING APPROVED SHOP DRAWINGS.
- THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL FEES, OBTAINING ALL PERMITS AND OTHERWISE COMPLYING WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.

CONTRACTOR NOTE:
CONTRACTOR TO VERIFY ADEQUACY OF EXISTING RISER AND SUBMIT FLOW CALCULATIONS FOR NEW SYSTEM AS A DEFERRED SUBMITTAL.

FIRE PROTECTION DESIGN CRITERIA									
OCCUPANCY DESCRIPTION	TYPE OF SPRINKLER SYSTEM	OCCUPANCY CLASSIFICATION	DENSITY (GPM/SF)	REMOTE AREA (SF)	HEAD TYPE	FINISH	TEMP. RATING (F)	MAX. SPACING (SF)	NOTES
OFFICES, CLASSROOMS	WET PRELUBRICATED	LIGHT HAZARD	0.10	1500	SEMI-RECESSED	CHROME	155	225	1
1. SPRINKLER HEAD SHALL BE LOCATED IN CENTER OF TILE									

FIRE PROTECTION LEGEND	
SYMBOL	
●	EXISTING PENDENT SPRINKLER HEAD
⊙	NEW PENDENT SPRINKLER HEAD

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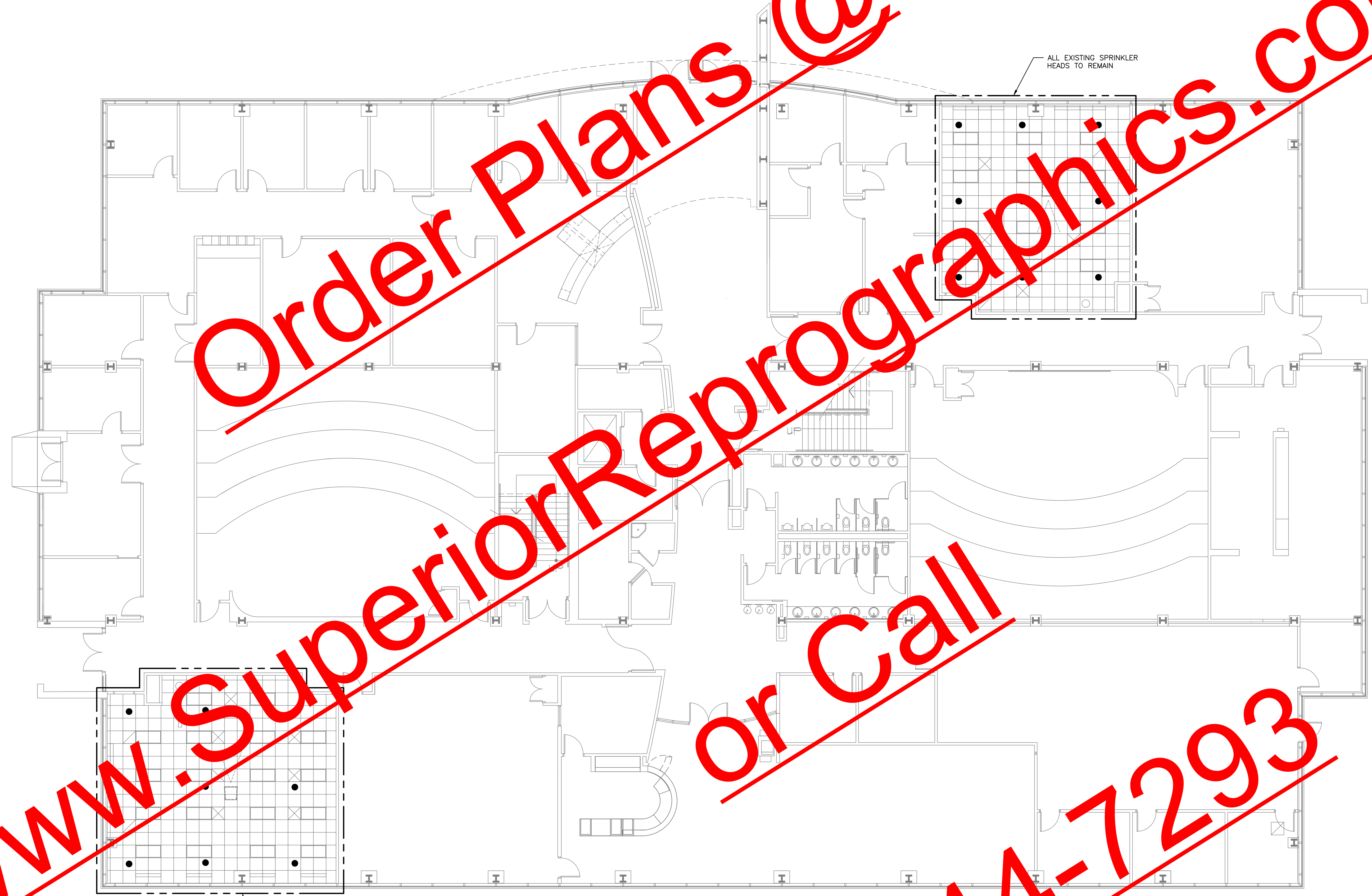
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FIRST FLOOR FIRE PROTECTION DEMOLITION PLAN
1/8" = 1'-0"

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Georgia Perimeter College Plant Administration
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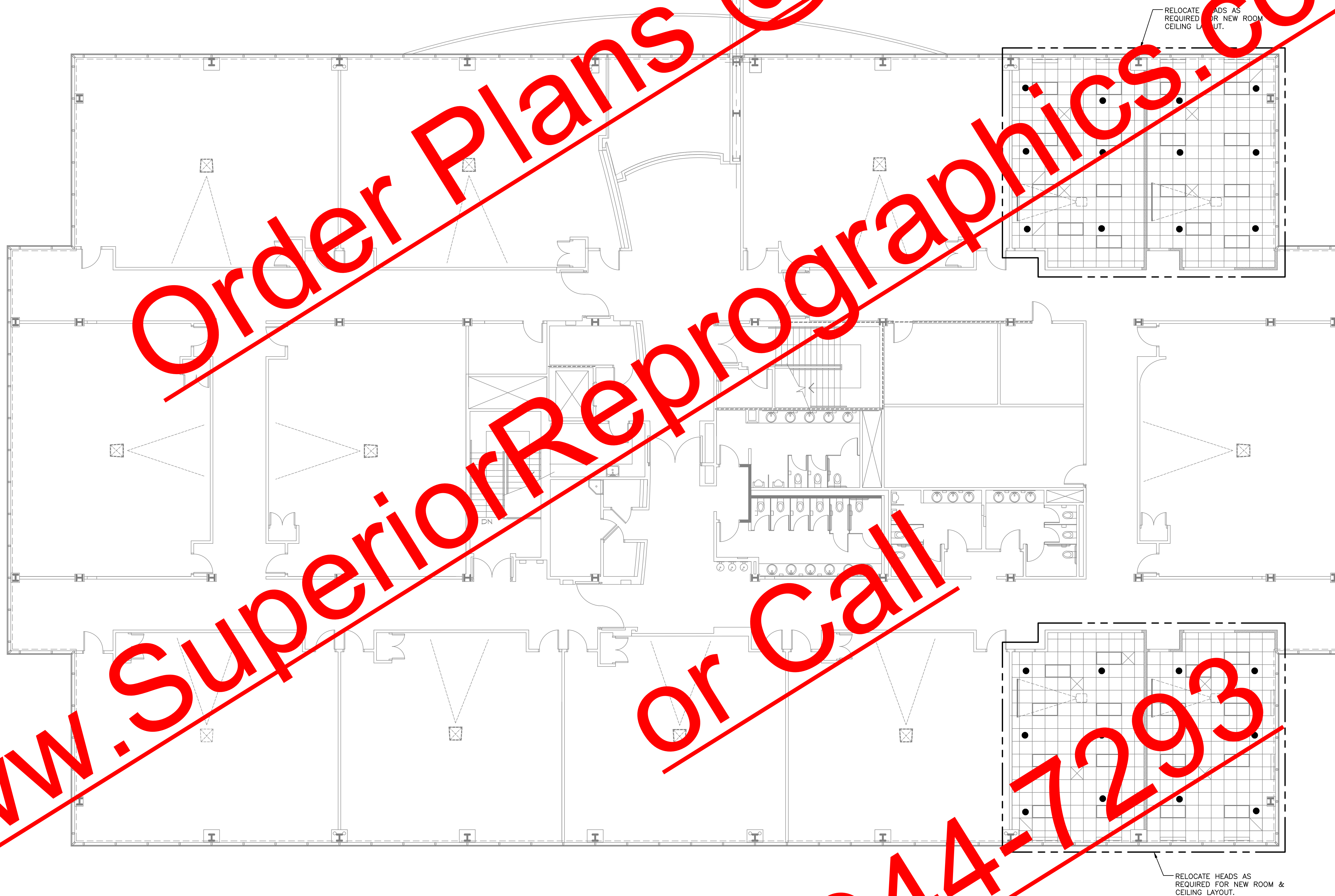
PROPOSED RENOVATIONS
ALPHARETTA CENTER
GEORGIA PERIMETER COLLEGE

MAY 24, 2011
DRAWN BY: FJL
APPROVED BY: MVS

 **Spencer Bristol Engineering, Inc.**
5880 Live Oak Parkway NW, Suite 110
Norcross, Georgia 30093
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SBE Project No. 11056

FPI.1

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SECOND FLOOR FIRE PROTECTION PLAN
 1/8" = 1'-0"

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**PROPOSED RENOVATIONS
 ALPHARETTA CENTER
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MAY 24, 2011
 DRAWN BY: FJL
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FP2.2

PANEL: L1D (EXISTING)
ROOM/LOCATION: FIRST FLOOR ELECTRICAL ROOM
FED FROM: PANEL "L1C"
VOLTAGE & PHASE: 120/208Y-3Ø
MOUNTING: SURFACE

AIC RATING: 10kAIC
AMPERAGE: 100A
MAIN: MLO

DESCRIPTION	KVA	BKR	PHASE	BKR	KVA	DESCRIPTION
FURNITURE RECEPTACLES	0.8	20/1	1 A	2	20/1	RELOCATED CIRCUIT
FURNITURE RECEPTACLES	0.8	20/1	3 B	4	20/1	RELOCATED CIRCUIT
FURNITURE RECEPTACLES	0.8	20/1	5 C	6	20/1	RELOCATED CIRCUIT
RECEPTACLES	0.8	20/1	7 A	8	20/1	RECEPTACLE - CLASSROOM *
RECEPTACLES	0.8	20/1	9 B	10	20/1	RECEPTACLE - CLASSROOM *
RECEPTACLES	0.8	20/1	11 C	12	20/1	RECEPTACLE - TESTING *
RECEPTACLES	0.8	20/1	13 A	14	20/1	RECEPTACLE - TESTING *
RECEPTACLES	0.8	20/1	15 B	16	20/1	RECEPTACLE - TESTING *
RECEPTACLES	0.8	20/1	17 C	18	20/1	RECEPTACLE - TESTING *
FURNITURE RECEPTACLES	0.8	20/1	19 A	20	20/1	RECEPTACLE - TESTING *
FURNITURE RECEPTACLES	0.8	20/1	21 B	22	20/1	RECEPTACLE - TESTING *
FURNITURE RECEPTACLES	0.8	20/1	23 C	24	20/1	RECEPTACLE - TESTING *
RECEPTACLES	0.8	20/1	25 A	26	20/1	RECEPTACLE - TESTING *
RECEPTACLES	0.8	20/1	27 B	28	20/1	SPARE *
RECEPTACLES	0.8	20/1	29 C	30	20/1	SPARE *

CONNECTED	D.F.	LOAD	KVA LOAD PER PHASE:
EXISTING LOAD	0.0	x 0.00	
COOLING:	0.0	x 0.00	
HEATING:	0.0	x 0.00	
KITCHEN:	0.0	x 0.00	
LIGHTING:	0.0	x 1.20	PHASE A: 107.1%
MOTORS:	0.0	x 1.00	PHASE B: 96.4%
LARGEST MOTOR	0.0	PER 220.18(A)	PHASE C: 96.4%
OTHER:	0.0	x 0.00	
RECEPTACLES	2.0	x 22.44	HIGHEST PHASE LOAD
RECEPTACLES	22.4	x 22.44	48.2 AMPERES
AVERAGE CONNECTED	62.2	x 62.2	
DEMAND KVA:			
DEMAND AMPS:			48.2

* - INDICATED NEW CIRCUIT BREAKER IN EXISTING PANEL

ELECTRICAL LEGEND

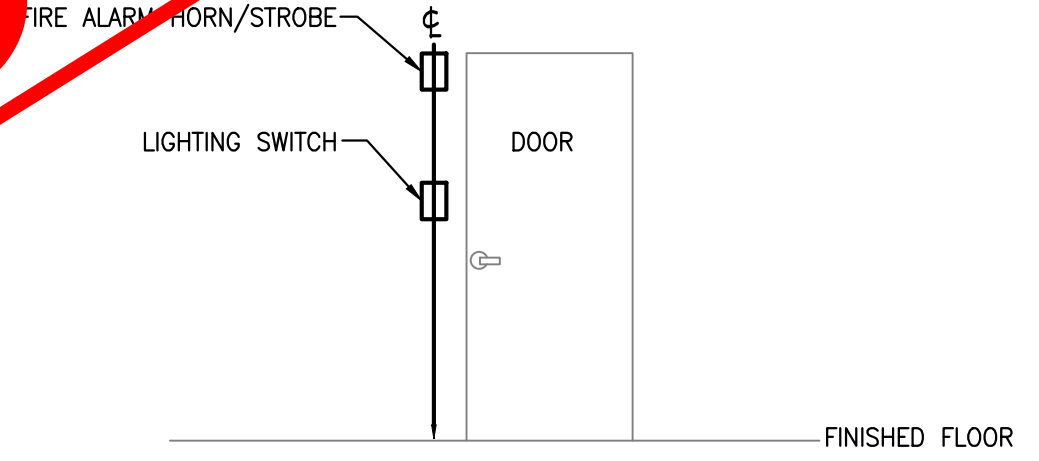
A-1,3,5 ADJACENT TO BROW INDICATES HOW MANY CIRCLES 1,3,5 TO PANEL A. MARKS ACROSS RACEWAY RUNS INDICATE THE NUMBER OF #12 AWG CONDUCTORS. MULTI-WIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH DEDICATED NEUTRALS PER PHASE; DO NOT SHARE NEUTRAL CONDUCTORS.

UPPER AND LOWER CASE LETTERS INDICATE CIRCUIT CONNECTION AND SWITCH LEG DESIGNATION RESPECTIVELY. UPPER CASE LETTERS INDICATE FIXTURE TYPE.

NOTES:
1. SYMBOLS INDICATED IN THIS LEGEND MAY NOT BE USED ON THE PLANS.
2. DIMENSIONS INDICATED IN LEGEND ARE TO BOTTOM OF OUTLET OR EQUIPMENT, UNLESS OTHERWISE INDICATED. DIMENSIONS INDICATED ARE TO COMPLY WITH ACCESSIBILITY CODE(S).
REFER TO SPECIFICATIONS FOR FINISH COLOR/TYPE OF DEVICES AND DEVICE PLATES; WHERE NOT INDICATED IN SPECIFICATIONS, CONFIRM FINISH REQUIREMENTS WITH ARCHITECT.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHTING FIXTURES.

	RACEWAY INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING.
	RACEWAY INSTALLED CONCEALED BELOW FLOOR, SLAB, OR GRADE.
	PANELBOARD - FLUSH OR SURFACE MOUNTED - HATCHED 480/277V, SOLID 208/120V.
	CEILING OUTLET AND FLUORESCENT 2x4 FIXTURE (SHADED DOT INDICATES EMERGENCY FIXTURE LIGHTING FIXTURE SCHEDULE FOR EMERGENCY BACK-UP)
	DUPLEX RECEPTACLE - 18" A.F.F. OR AT HEIGHT INDICATED. NEMA-5-20R
	QUAD RECEPTACLE - 18" A.F.F. OR AT HEIGHT INDICATED
	DUPLEX 20A CEILING MOUNTED RECEPTACLE
	QUAD 20A CEILING MOUNTED RECEPTACLE
	JUNCTION BOX - FLOOR/CEILING/WALL MOUNTED.
	GRAPHIC SYMBOL FOR WALL TO REMAIN, UNLESS OTHERWISE NOTED.
	GRAPHIC SYMBOL FOR WALL TO BE DEMOLISHED, UNLESS OTHERWISE NOTED.
	INDICATES DEVICE, FIXTURE, OR EQUIPMENT TO REMAIN; MAINTAIN EXISTING CIRCUIT CONNECTION(S).
	INDICATES DEVICE, FIXTURE, OR EQUIPMENT TO BE RELOCATED; EXTEND EXISTING CIRCUIT CONNECTION(S) TO NEW LOCATION AS INDICATED.

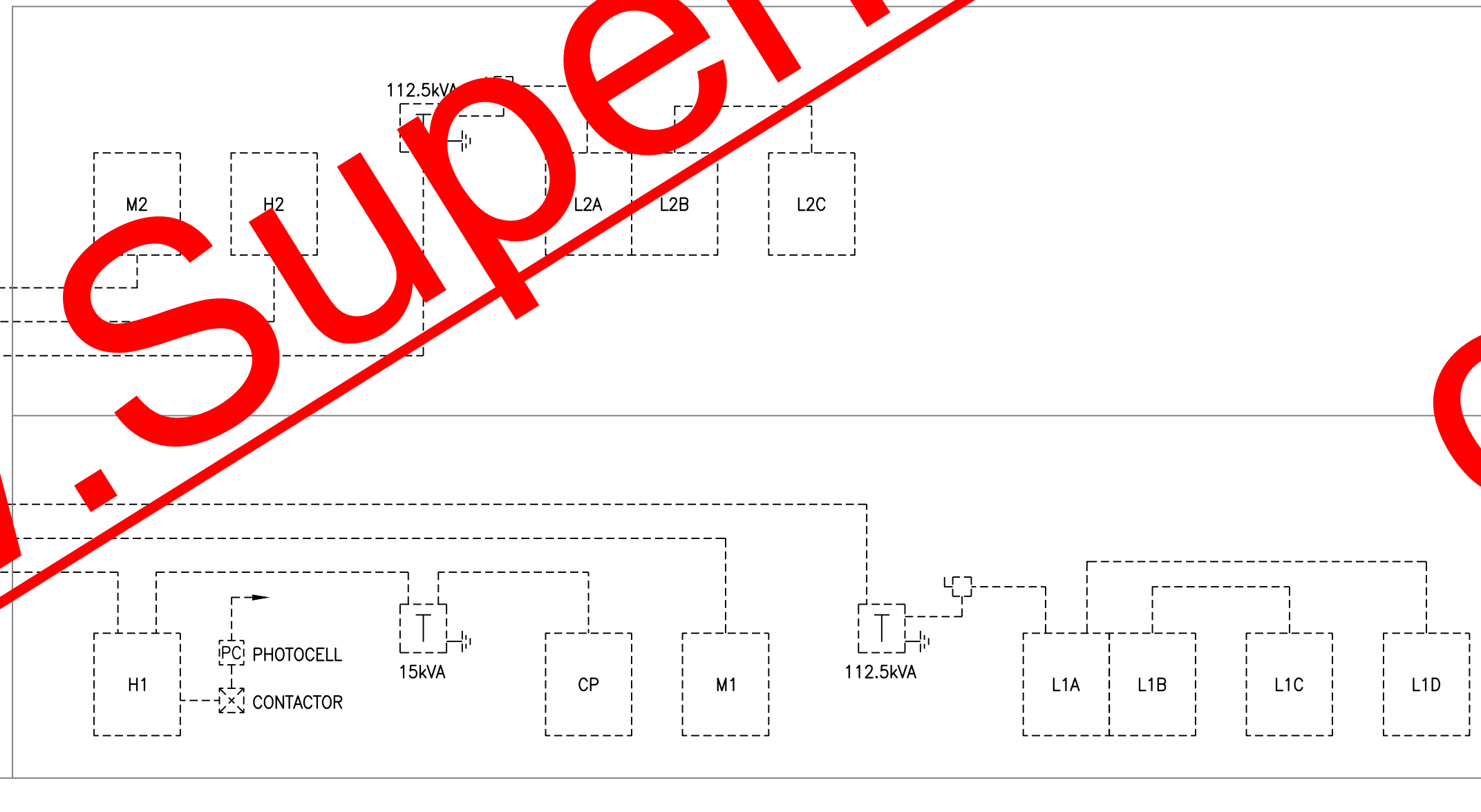
- ### RENOVATION NOTES
- WORK INVOLVES NECESSARY INTERFACE WITH, AND REFIT OF THE EXISTING INSTALLATION, AND THE INSTALLATION OF NEW MATERIALS TO PROVIDE FINISHED WORK AS SHOWN ON THE PLANS. WHETHER OR NOT SHOWN BY THE PLANS, EXISTING MATERIALS SHALL REMAIN UNLESS OTHERWISE SPECIFIED THROUGH THE RENOVATION SPACES, BUT NOT INVOLVED IN THE RENOVATION. ADDITION, AND OTHERWISE SPECIFIED OR INDICATED BY THE PLANS. REMOVAL, SHALL BE PERFORMED WITHOUT CHANGE.
 - THE EXISTING INSTALLATION IS TO REMAIN IN PLACE AND OPERATION, EXCEPT AS OTHERWISE INDICATED OR SPECIFIED. WORK SHALL BE PROVIDED NECESSARY TO TIE-IN THE NEW INSTALLATION WITH THE EXISTING INSTALLATION AND TO ADAPT THE EXISTING INSTALLATION TO CHANGES IN SYSTEMS OR BUILDING.
 - ANY NECESSARY TEMPORARY CONNECTION OR SERVICE SHALL BE PROVIDED AND PERFORMED IN SUCH MANNER AS TO MAINTAIN OPERATION IN ALL BUILDING AREAS. SYSTEMS OR MATERIALS WHICH ARE TO REMAIN IN SERVICE SHALL BE DISCONNECTED, SHALL BE RECONNECTED AND RESTORED TO ORIGINAL OPERATING CONDITION.
 - THE RATINGS, LOCATION AND RANGE OF ANY EXISTING MATERIAL (ELECTRICAL CIRCUIT, ETC.) SHOWN BY THE PLANS OR VOUCHERS FOR THE WORK SHALL BE VERIFIED AT THE SITE.
BEFORE USING OR ADDING TO ANY EXISTING ELECTRICAL CIRCUIT, CHECK THE RELATED EXISTING CIRCUIT CAPACITY AND DO NOT MAKE ANY CONNECTION THAT WOULD OVERLOAD ANY CIRCUIT OR IMPROPERLY USE AN EXISTING CIRCUIT. BEFORE REMOVING ANY EXISTING CIRCUIT, CHECK ALL CONNECTED LOADS TO ENSURE THAT THERE ARE NO UNKNOWN EXISTING LOADS THAT SHOULD REMAIN CONNECTED - DO NOT REMOVE ANY EXISTING CIRCUIT WHERE EXISTING LOADS TO REMAIN WOULD BE PERMANENTLY DISCONNECTED. MAKE A FIELD SURVEY OF ANY SUCH INADEQUATE CONDITION, AND PROVIDE INFORMATION TO THE ENGINEER IN DETAIL AND IN A TIMELY MANNER SO THAT NECESSARY REDESIGN MAY BE ACCOMPLISHED BY THE ENGINEER.
FOR NEW CIRCUITS ADDED TO EXISTING PANELS TO REMAIN, USE EXISTING CIRCUIT BREAKERS WHERE AVAILABLE. ADD OR REARRANGE CIRCUIT BREAKERS WITHIN PANELBOARDS AS REQUIRED TO MATCH NEW CIRCUIT DESIGNATIONS SHOWN ON DRAWINGS. DO NOT RE-USE 30 AMP SINGLE POLE CIRCUIT BREAKERS TO FEED GENERAL POWER CIRCUITS OR FLUORESCENT LIGHTING CIRCUITS. OVERCURRENT PROTECTION MUST COMPLY WITH NEC 210.20. REPLACE DAMAGED OR BROKEN CIRCUIT BREAKERS- NEW CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC TYPE UNLESS NOTED OTHERWISE. FAULT CURRENT AND SERIES RATING MUST BE MAINTAINED WITH MODIFICATIONS. PLUG UNUSED OPENINGS WITH BLANK FILLERS. REPAIR OR REPLACE BROKEN DOOR HINGES AND DOOR LATCHES.
 - FOR ALL DISTRIBUTION EQUIPMENT MODIFICATIONS TO EXISTING SWITCHBOARDS AND PANELBOARDS, NEW SWITCHES AND CIRCUIT BREAKERS TO BE INSTALLED SHALL BE OF THE SAME MANUFACTURER, STYLE AND TYPE AS THE EXISTING EQUIPMENT, WITH RATINGS AS SHOWN. FURNISH AND INSTALL ORIGINAL MANUFACTURER MOUNTING AND INSTALLATION HARDWARE, CLOSURE PLATES, AND TRIM PIECES AS REQUIRED TO COMPLETE THE INSTALLATION. FIELD FABRICATED HARDWARE SHALL NOT BE ACCEPTABLE. ALL EXISTING DISTRIBUTION EQUIPMENT BEING MODIFIED SHALL BE RETURNED TO ORIGINAL, FULLY ENCLOSED CONDITION. FAULT CURRENT AND SERIES RATING MUST BE MAINTAINED WITH MODIFICATIONS.
 - EXPOSED WIRING RENDERED USELESS DUE TO CHANGES IN THE BUILDING SHALL BE REMOVED. CONCEALED WIRING AND CONTROLS EXPOSED BY THE REMOVAL OF WALLS, PARTITIONS, ETC., SHALL BE REMOVED OR RELOCATED AND RECONNECTED AS NECESSARY. OTHER MATERIALS SHALL BE REMOVED AS NECESSARY OR INDICATED.
 - EXISTING MATERIALS THAT ARE NOT REUSED SHALL BE ABANDONED AND REMOVED WHERE POSSIBLE WITHOUT INTERFERING WITH OTHER MATERIAL, UNLESS OTHERWISE SPECIFIED OR INDICATED TO BE ABANDONED IN PLACE. WHERE ABANDONED IN PLACE, WIRING, OR OTHER MATERIAL SHALL BE DISCONNECTED AND SECURED SO AS NOT TO BE MISTAKEN FOR ACTIVE MATERIAL OR TO CONTRIBUTE TO A POTENTIALLY UNSAFE CONDITION. MATERIAL ABANDONED IN PLACE SHALL HAVE ANY OPEN END OR OUTLET IN CONDUIT PLUGGED OR BLANKED OFF.
 - MATERIALS TO BE RELOCATED OR SALVAGED SHALL BE DISCONNECTED AND DEMOUNTED WITHOUT DAMAGE. DEMOUNTED MATERIALS SHALL BE STORED AT THE JOB SITE UNDER THE BEST CONDITIONS PRACTICAL. MATERIALS TO REMAIN IN PLACE WHILE WORK IS IN PROGRESS SHALL BE DISCONNECTED IF NECESSARY TO FUNCTION OR SAFETY, AND PROTECTED BY SUITABLE MEANS.
 - EXISTING MATERIALS, TO INCLUDE EQUIPMENT, MAY NOT BE REUSED UNLESS OTHERWISE STATED OR SPECIFIED. WHERE REUSED, MATERIALS SHALL BE REFURBISHED AND PUT IN SATISFACTORY CONDITION BEFORE REUSE.
 - EXISTING MATERIAL THAT IS REMOVED AND NOT IDENTIFIED FOR SALVAGE OR REUSED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES.
 - WHERE SYSTEMS ARE ADDED TO, NEW MATERIAL SHALL BE OF THE SAME TYPE, STYLE AND MANUFACTURE AS THE EXISTING SYSTEM MATERIAL, WHERE AVAILABLE.
 - ELECTRICAL CABLE OR CONDUCTORS DAMAGED OR REMOVED FROM RACEWAYS SHALL NOT BE REUSED.
 - ELECTRICAL CONDUCTORS SHALL BE COLOR CODED AS REQUIRED BY CODE AND CONSISTENT WITH COLOR CODING FOR EXISTING FACILITY SYSTEMS.
 - WORK SHALL BE PERFORMED ON A SCHEDULE AND IN A MANNER AS DESCRIBED HEREIN OR BY OTHER DIVISIONS OR SECTIONS OF THE SPECIFICATIONS, OR AS CALLED FOR BY INSTRUCTIONS TO BIDDERS OR BY OWNER'S CRITERIA. WHERE INTERRUPTION OF ELECTRICAL POWER TO EXISTING FACILITIES WOULD ADVERSELY AFFECT THE NORMAL OPERATION OF OTHER PORTIONS OF THE OWNER'S PROPERTY, THIS WORK SHALL BE DONE AT A TIME OTHER THAN THE OWNER'S NORMAL WORKING HOURS. SCHEDULE SHALL BE SUBMITTED IN WRITING FOR THE OWNER'S APPROVAL AT LEAST TWO WEEKS IN ADVANCE OF THE PROPOSED POWER INTERRUPTION.
 - WORK SHALL BE PERFORMED WITHIN THE ACCESS, PROPRIETARY, SECURITY, AND HOUSEKEEPING CONDITIONS SPECIFIED HEREIN OR BY OTHER DIVISIONS OR SECTIONS OF THE SPECIFICATIONS, OR AS CALLED FOR BY INSTRUCTIONS TO BIDDERS OR BY OWNER'S CRITERIA.
 - NOTIFY THE OWNER'S REPRESENTATIVE OF ANY NONFUNCTIONING MATERIAL OR POTENTIALLY UNSAFE CONDITION WITHIN THE EXISTING AND INVOLVED SYSTEMS THAT IS OBSERVED DURING THE CONDUCT OF THE WORK. PROPOSALS FOR THIS WORK SHALL BE BASED UPON EXAMINATION OF THE SITE AND CONDITIONS THEREON AND/OR THEREIN. PROPOSALS SHALL TAKE INTO CONSIDERATION SAID CONDITIONS WHICH MAY AFFECT WORK COVERED BY THIS SPECIFICATION.
 - COORDINATE WITH THE OWNER OR DESIGNATED OWNER'S REPRESENTATIVE TO LEARN OF ANY HAZARDOUS CONDITION OR MATERIAL THAT MAY EXIST AT THE SITE.



GENERAL NOTES

A. COORDINATE ALL SMOKE DETECTOR REQUIREMENTS FOR HVAC EQUIPMENT WITH ACTUAL EQUIPMENT. COORDINATE WITH DIVISION 15 FOR ALL UNIT MOUNTED SMOKE DETECTOR DEVICES INTEGRAL TO HVAC EQUIPMENT. WHERE SMOKE DETECTORS ARE NOT PROVIDED INTEGRAL TO HVAC EQUIPMENT, PROVIDE SMOKE DETECTOR(S) AT LOCATIONS REQUIRED BY NFPA 90A PART 9.6.2 AND AS DIRECTED BY DIVISION 15.

2
E0.1



E0.1 SCHEMATIC

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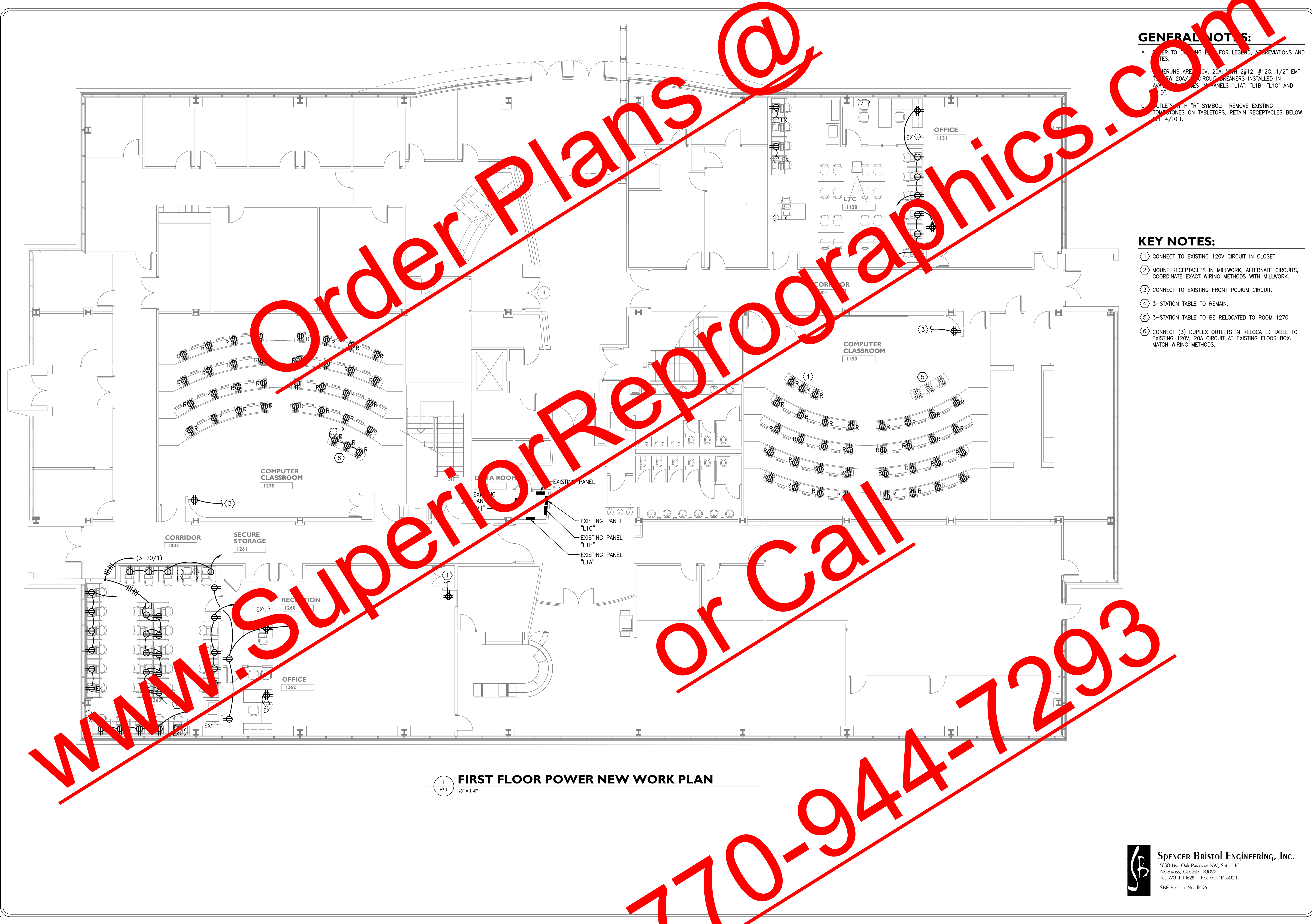
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PROPOSED RENOVATIONS
ALPHARETTA CENTER
GEORGIA PERIMETER COLLEGE

MAY 24, 2011
DRAWN BY: SBE
APPROVED BY: DAB

E0.1

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SBE Project No. 10056



1 FIRST FLOOR POWER NEW WORK PLAN
E2.1 1/8" = 1'-0"

GENERAL NOTES:

- A. REFER TO DRAWING E FOR LEGEND, ABBREVIATIONS AND NOTES.
- B. CIRCUITS ARE 120V, 20A WITH 2#12, #12G, 1/2" EMT. NEW 20A/1P CIRCUIT BREAKERS INSTALLED IN AVAILABLE SPACES IN PANELS "L1A", "L1B" "L1C" AND "L1D".
- C. OUTLETS WITH "R" SYMBOL: REMOVE EXISTING TOMTIONS ON TABLETOPS, RETAIN RECEPTACLES BELOW. SEE 4/TO.1.

KEY NOTES:

- 1 CONNECT TO EXISTING 120V CIRCUIT IN CLOSET.
- 2 MOUNT RECEPTACLES IN MILLWORK, ALTERNATE CIRCUITS. COORDINATE EXACT WIRING METHODS WITH MILLWORK.
- 3 CONNECT TO EXISTING FRONT PODIUM CIRCUIT.
- 4 3-STATION TABLE TO REMAIN.
- 5 3-STATION TABLE TO BE RELOCATED TO ROOM 1270.
- 6 CONNECT (3) DUPLEX OUTLETS IN RELOCATED TABLE TO EXISTING 120V, 20A CIRCUIT AT EXISTING FLOOR BOX. MATCH WIRING METHODS.

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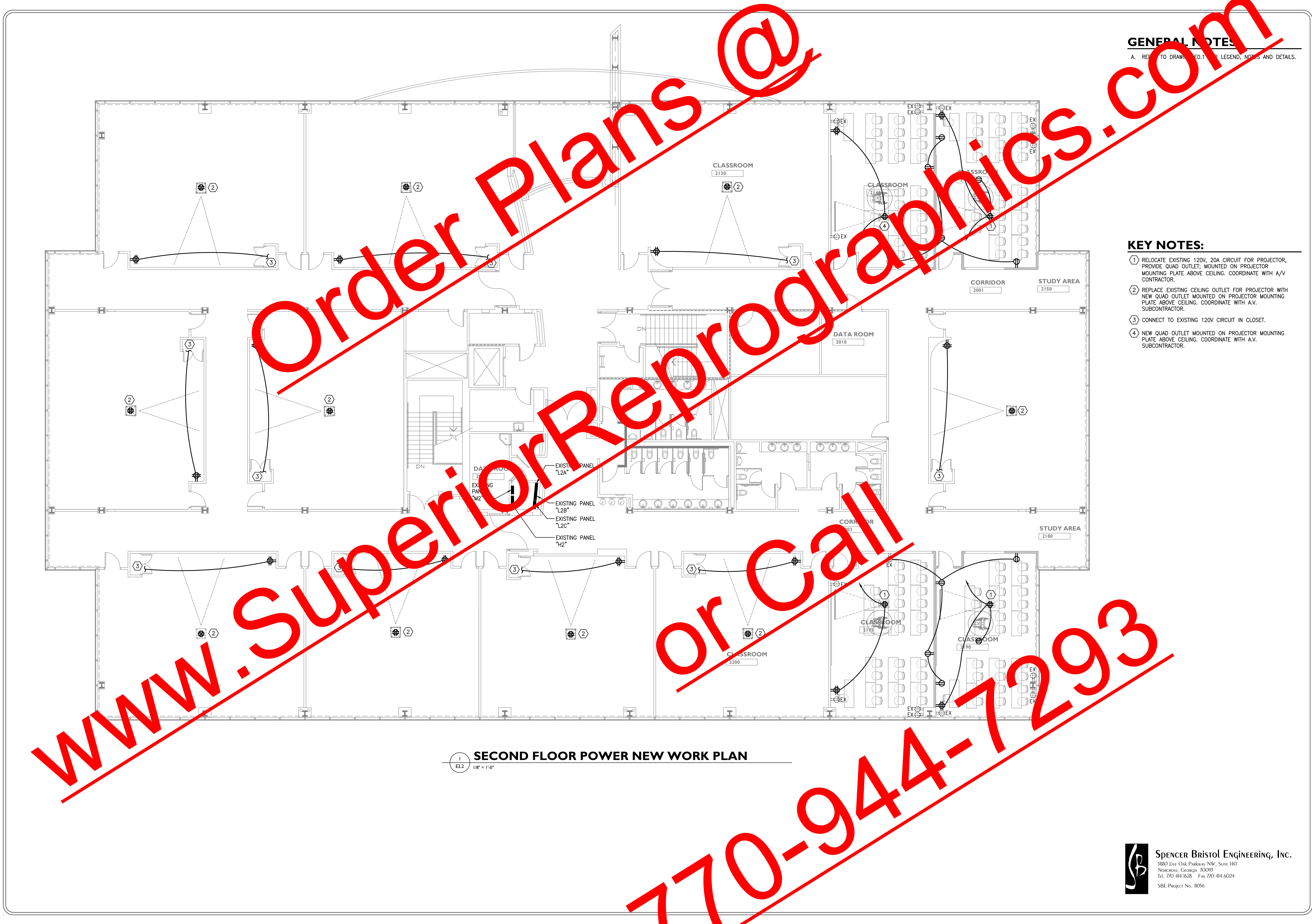


PROPOSED RENOVATIONS
ALPHA BETA CENTER
GEORGIA PERIMETER COLLEGE

MAY 24, 2011
DRAWN BY: SBE
APPROVED BY: DAB

E2.1

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GENERAL NOTES

A. REFER TO DRAWING NO. 1 FOR LEGEND, NOTES AND DETAILS.

KEY NOTES:

- 1 RELOCATE EXISTING 120V, 20A CIRCUIT FOR PROJECTOR, PROVIDE QUAD OUTLET; MOUNTED ON PROJECTOR MOUNTING PLATE ABOVE CEILING. COORDINATE WITH A/V CONTRACTOR.
- 2 REPLACE EXISTING CEILING OUTLET FOR PROJECTOR WITH NEW QUAD OUTLET MOUNTED ON PROJECTOR MOUNTING PLATE ABOVE CEILING. COORDINATE WITH A.V. SUBCONTRACTOR.
- 3 CONNECT TO EXISTING 120V CIRCUIT IN CLOSET.
- 4 NEW QUAD OUTLET MOUNTED ON PROJECTOR MOUNTING PLATE ABOVE CEILING. COORDINATE WITH A.V. SUBCONTRACTOR.

SECOND FLOOR POWER NEW WORK PLAN
E2.2 1/8" = 1'-0"

REVISIONS

NO.	DESCRIPTION	DATE



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**PROPOSED RENOVATIONS
ALPHARETTA CENTER
GEORGIA PERIMETER COLLEGE**

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E2.2



GENERAL NOTES:

A. REFER TO DRAWING E-1 FOR LEGEND, ABBREVIATIONS AND NOTES.

B. ##S INDICATE INBOARD/OUTBOARD SWITCHING OF DUAL BALLASTED FIXTURES.

C. "RE" INDICATES RELOCATED EXISTING FIXTURES.

D. "A2" INDICATES NEW DUAL BALLASTED FIXTURE TO MATCH EXISTING, LITHONIA 2PM3 SERIES, 18-CELL PARABOLIC, WITH (3) F32T8/4100K LAMPS, NBF/PS BALLAST.

KEY NOTES:

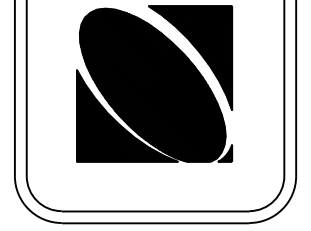
① RECONNECT TO EXISTING 277V LIGHTING CIRCUIT.

1 FIRST FLOOR LIGHTING NEW WORK PLAN
E3.1 1/8" = 1'-0"

REVISIONS



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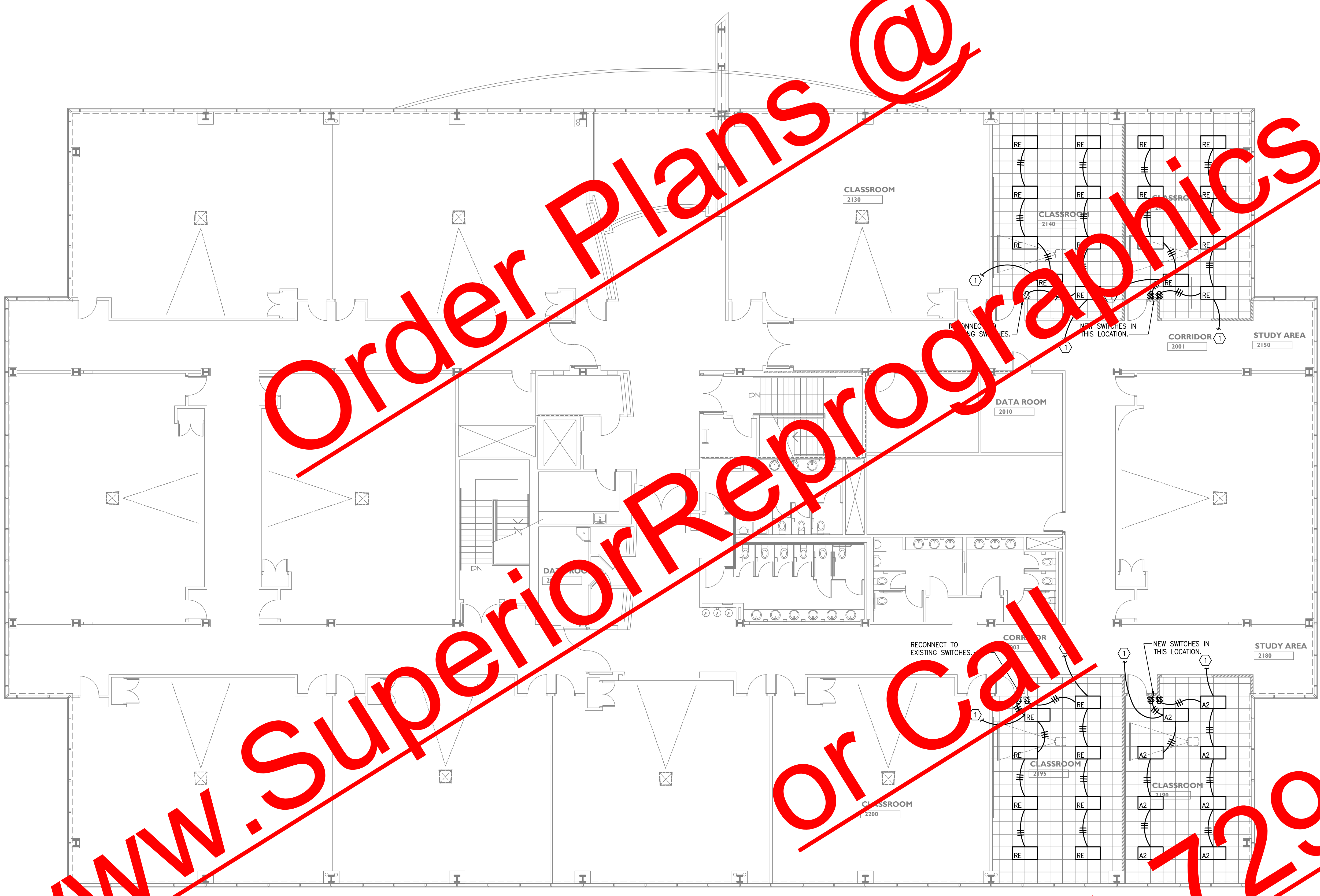
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E3.1

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GENERAL NOTES

A. REFER TO DRAWING E0.1 FOR LEGEND, ABBREVIATIONS AND NOTATION.

B. \$\$\$ INDICATES BOARD/OFF BOARD SWITCHING OF DUAL BALLASTED FIXTURES.

C. \$\$\$ INDICATES RELOCATED EXISTING FIXTURES.

D. \$\$\$ INDICATES NEW DUAL BALLASTED FIXTURE TO MATCH EXISTING, LITHONIA 2PM3 SERIES, 18-CELL PARABOLIC, WITH (3) F32T8/4100K LAMPS, NBF/PS BALLAST.

KEY NOTES:

① RECONNECT TO EXISTING 277V LIGHTING CIRCUIT.

SECOND FLOOR LIGHTING NEW WORK PLAN
E3.2 1/8" = 1'-0"

REVISIONS



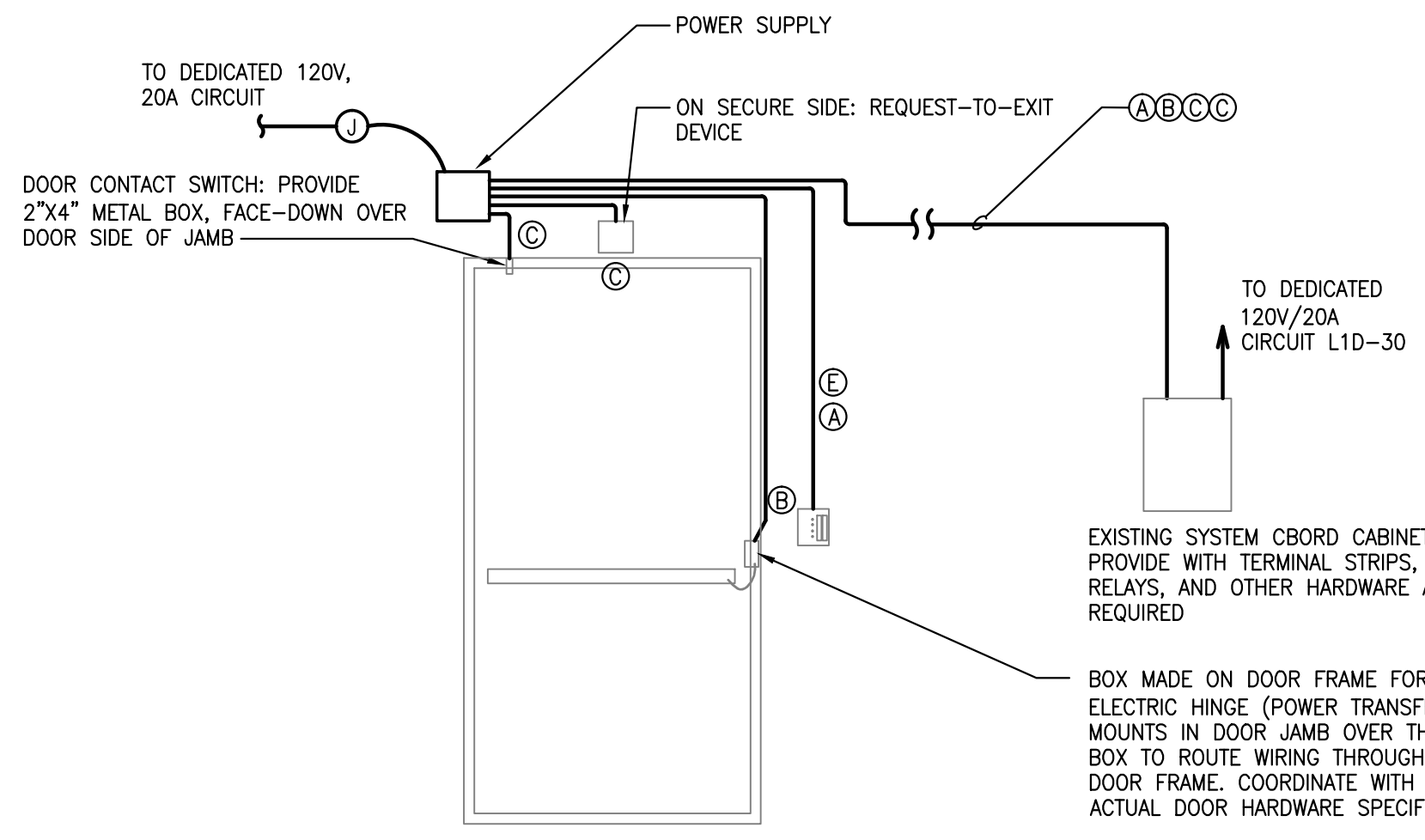
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E3.2

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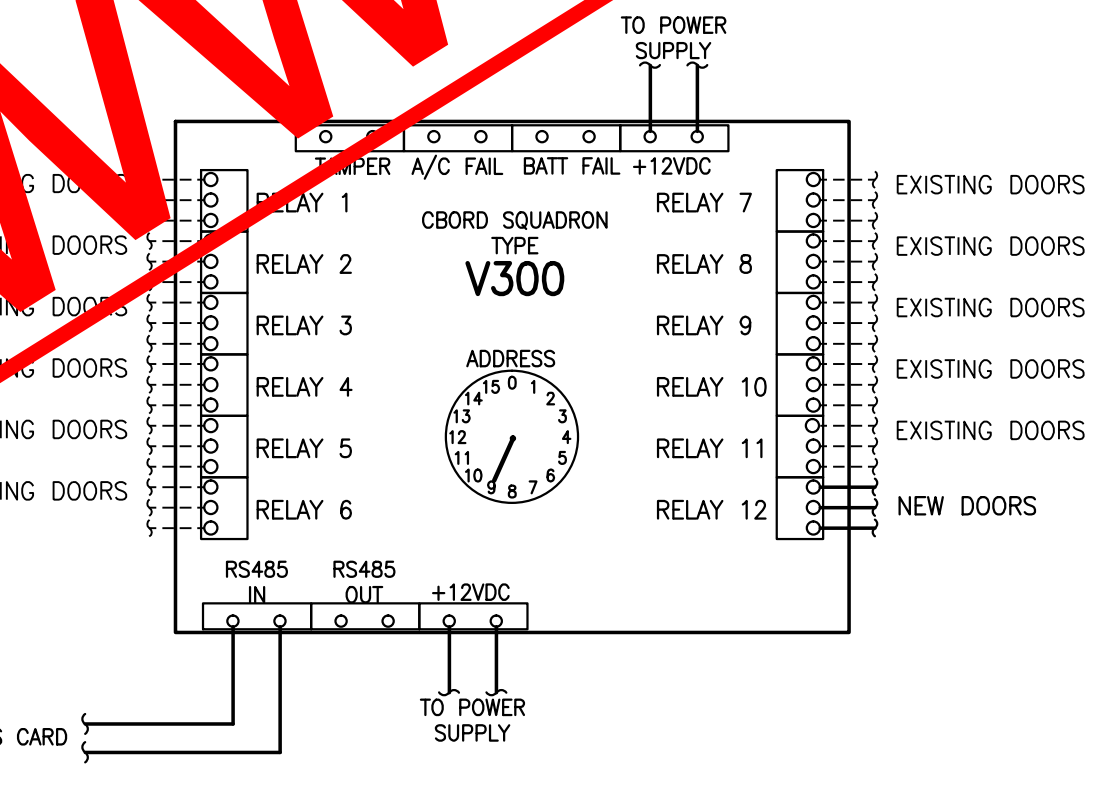
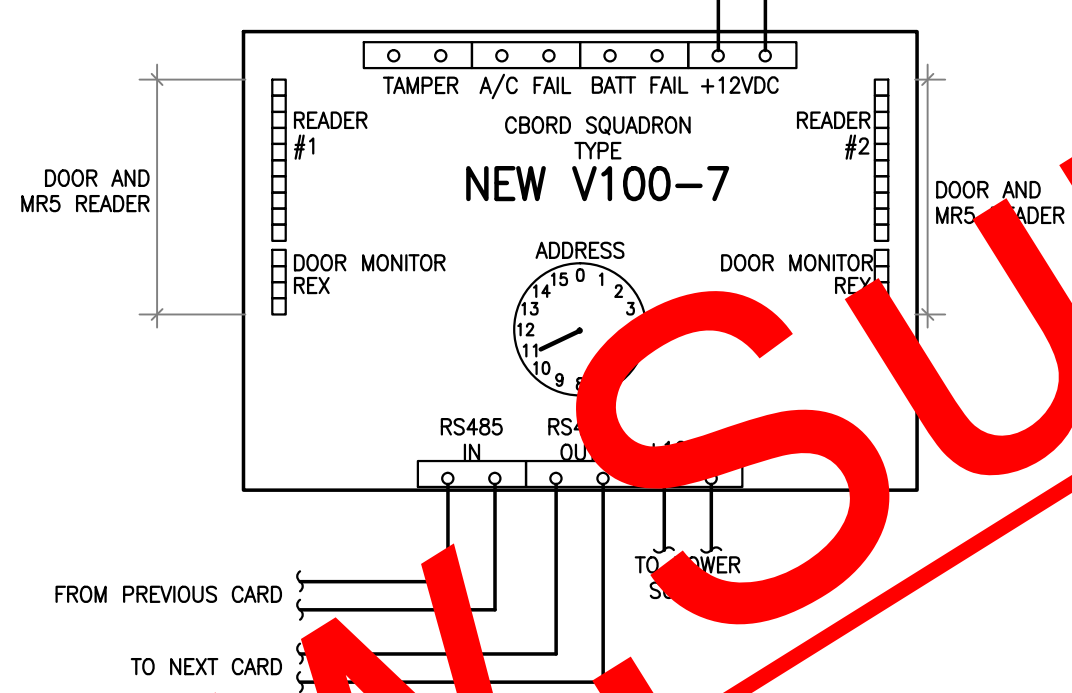
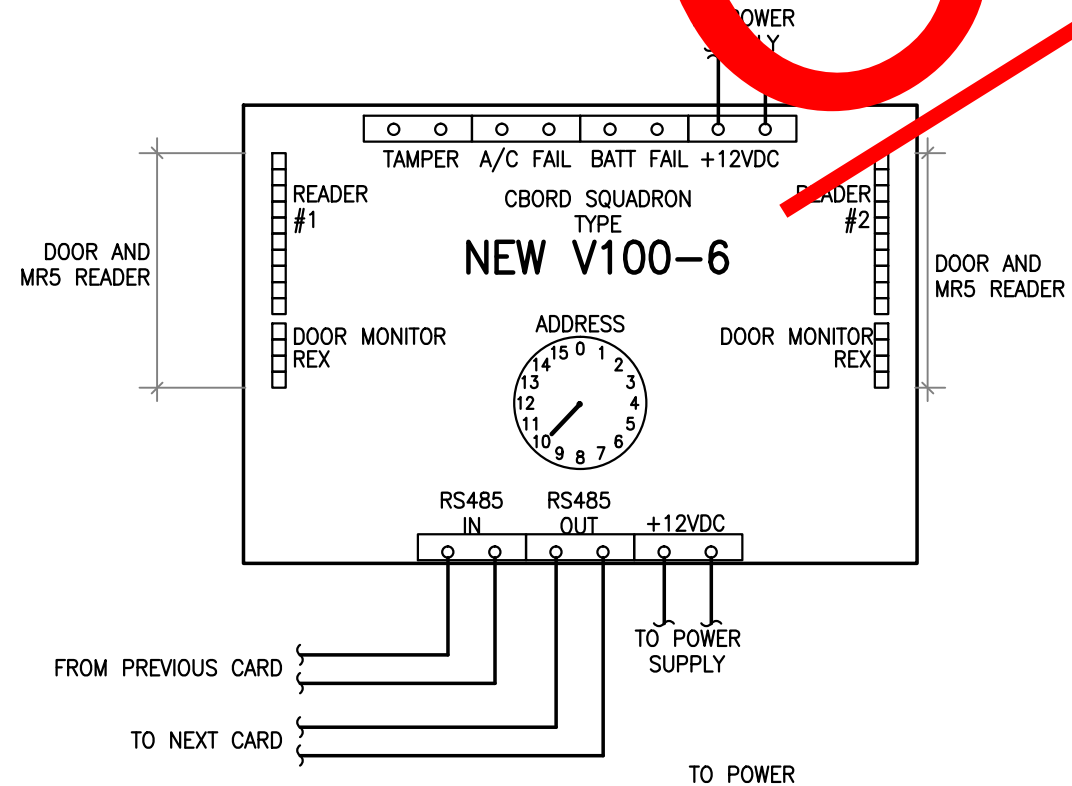
DOOR ACCESS SYSTEM CABLING SCHEDULE

(A) FOR TYPE MRS INTERIOR READER: 6/C #22AWG, SHIELDED, WITH DRAIN, BELDEN 82761, 6504FE. FOR TYPE A2005 EXTERIOR READER: 4 UTP, #22AWG, BELDEN 82761

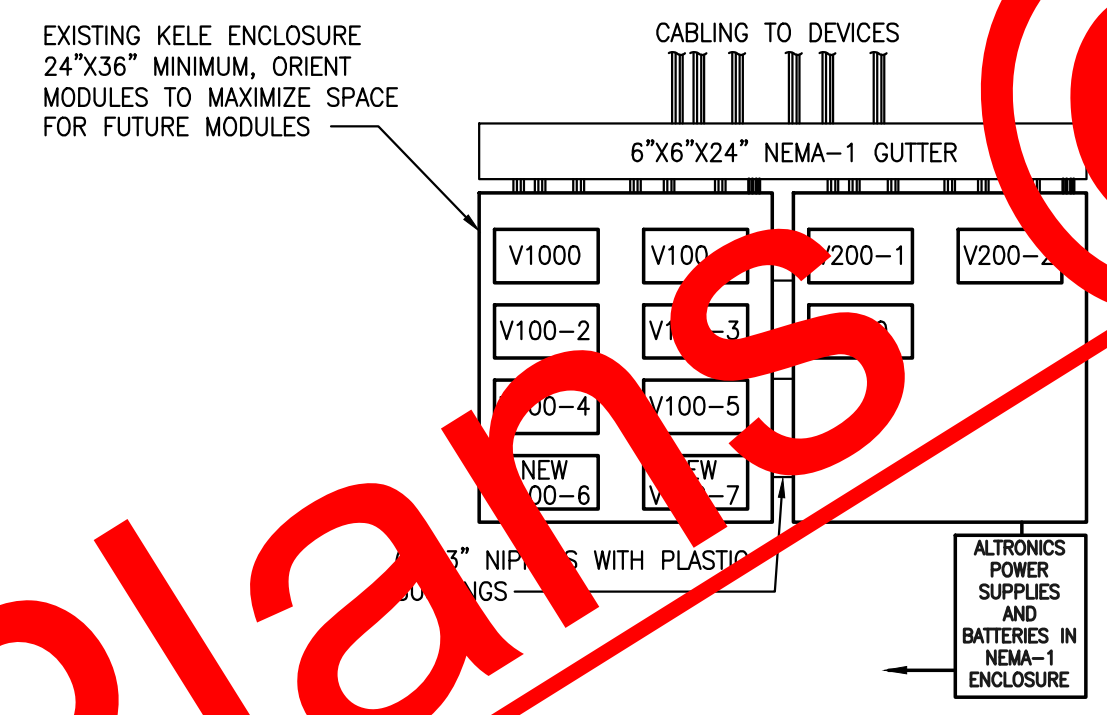
(B) 1 TWISTED PAIR, #22AWG, SHIELDED WITH DRAIN, BELDEN 82761

(C) 1 TWISTED PAIR, #22AWG, SHIELDED WITH DRAIN, BELDEN 82761

DETAIL - DOOR ACCESS



DETAIL - SECURITY MODULES



SECURITY SYSTEM:

IN GENERAL, SECURITY SYSTEM IS EXISTING; PROVIDE ALL COMPONENTS, LABOR, MATERIALS, EQUIPMENT, AND SERVICES REQUIRED TO COMPLETE ALL NEW WORK INDICATED. SYSTEM COMPONENTS INCLUDE EXISTING AND NEW PANELS, LOGIC MODULES, DOOR LOCKS, DOOR CONTROLS, ACCESS CONTROL, ADA ENTRY INTERFACE, PANEL BAR REQUEST-TO-EXIT (REX) DEVICES, INTRUSION DETECTION, MOTION SENSORS, DESK MOUNTED PANIC DEVICES, CARD READERS, DOOR MONITORING CONTACTS, WIRING, AND CONDUIT/BOX ROUGH-INS.

PROVIDE TESTING AS NEEDED TO DOCUMENT COMPLETE OPERATION OF MODIFIED SYSTEM. A REPRESENTATIVE OF THE MANUFACTURER SHALL BE PRESENT. PROVIDE COMPLETE O&M MANUALS FOR SYSTEM COMPONENTS. PROVIDE OWNER TRAINING, USE O & M MANUALS AS BASIS FOR TRAINING. PROVIDE SYSTEM WARRANTY (COMPONENTS AND LABOR) ONE YEAR STARTING AT DATE OF SUCCESSFUL SYSTEM COMMISSIONING, NOTE DATE OF PROJECT SUBSTANTIAL COMPLETION.

PROVIDE SUBMITTALS INCLUDING ROUGH-IN DETAILS, EQUIPMENT CATALOG INFORMATION, AND WIRING DIAGRAMS. EQUIPMENT SHALL BE PROVIDED AS MANUFACTURED BY THE CBORD GROUP, INC. IN ORDER TO MAINTAIN COMPATIBILITY WITH THE EXISTING CAMPUS SYSTEM, NO SUBSTITUTIONS WILL BE ACCEPTED.

PROVIDE ALL CONDUIT, WIRING, ROUGH-INS, OUTLET BOXES, ETC. FOR THE COMPLETE INSTALLATION. DO NOT PLACE WIRING BETWEEN DEVICES, CONTACTS, RELAYS, AND CONTROL PANELS EXCEPT AS INDICATED. WIRING SHALL BE CLASS-1, 2, OR 3, AS DEFINED BY ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE. WIRING SHALL BE INSTALLED IN A J-HOOK SYSTEM WHERE ABOVE ACCESSIBLE CEILING; OTHERWISE PROVIDE CONDUIT PATH 3/4" MINIMUM SIZE. COLOR CODE WIRING TO CBORD STANDARDS.

PART NUMBERS ARE LISTED AS FOLLOWS. REFER TO GEORGIA PERIMETER COLLEGE DOOR ACCESS INSTALLATIONGUIDE.pdf DOCUMENT FOR CABLING REQUIREMENTS, ADDITIONAL PART NUMBERS, CABINET MOUNTING GUIDES, AND OTHER INSTALLATION INFORMATION, UNLESS OTHERWISE NOTED, AND EXISTING CONTROL

DESCRIPTION OF NEW COMPONENTS	PART NUMBER
ENCLOSURE MANUFACTURER: KELE, DARK BLUE, BACK PLATE, FAN, PANDUIT, RET SERIES 38" E.H.P.	
SUPPLY POWER STRIKES	ALTRONIX 1224VDC, 2.5 AMP
POWER SUPPLY FOR PANELS/READERS	ALTRONIX 1224VDC, 4 AMP
BATTERY BACKUP	FLIRM OR EQUAL - PROVIDE 12V, 7 AMP-HOUR BATTERY PLANT.
SWIPE RELAY CONTACT GREASE, TOUGHENATOR, PART #GR7222	MR-5, TK2, 12V, GRAY, MOUNTING BRACKET, SECURITY SCREW, FLAIR SECURITY PRODUCTS DIVISION, VIP48 WITH RARE EARTH
REQUEST-TO-EXIT DEVICE	VISIONIC LTD, MODEL SPY RTE-A (USE WALL MOUNT TYPE D150 CEILING)
UNIT ROOMS WITH NO SUSPENDED POWER DISTRIBUTION BLOCK (SUPPLY MAIN)	ALTRONIX, FUSED DISTRIBUTION BLOCK, ONE PORT PER POWER
CBORD SQUADRON NETWORK MASTER	V1000 - 3ACSGR6730042000
CBORD SQUADRON DOOR EXPANSION	V100 - 3ACSGR6730029000
CBORD SQUADRON INPUT PANEL	V200 - 3ACSGR6730030000
CBORD SQUADRON OUTPUT PANEL	V300 - 3ACSGR6730031000

DETAIL - SECURITY SYSTEM

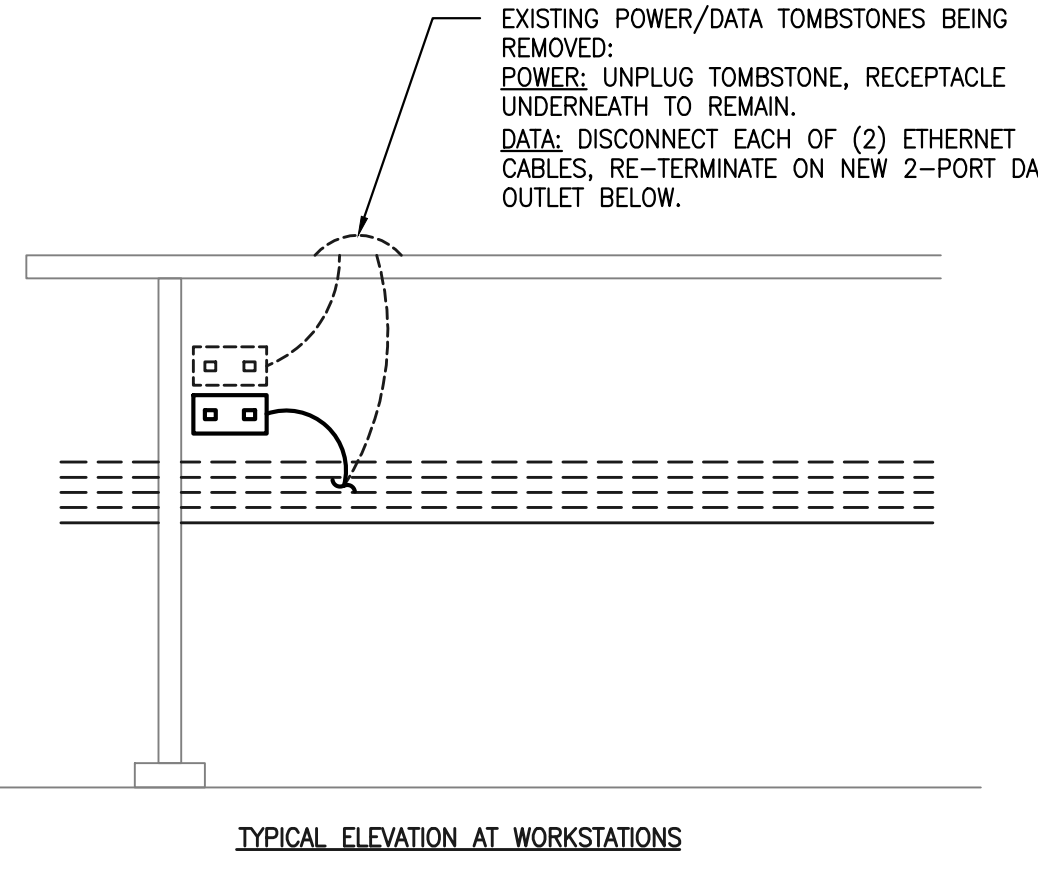
TELECOMMUNICATION / SECURITY LEGEND

NOTES:

- ALL SYMBOLS INDICATED IN THIS LEGEND MAY NOT BE USED ON THIS PLAN.
- DIMENSIONS INDICATED IN LEGEND ARE TO BOTTOM OF OUTLET OR EQUIPMENT, UNLESS OTHERWISE INDICATED. DIMENSIONS INDICATED ARE TO COMPLY WITH ACCESSIBILITY CODE(S).
- REFER TO SPECIFICATIONS FOR FINISH COLOR/TYPE OF DEVICE AND DEVICE MOUNTING; WHEN NOT INDICATED IN SPECIFICATIONS, CONFIRM FINISH REQUIREMENTS WITH ARCHITECT.
- REFER TO ARCHITECTURAL REFLECTANCE PLANS FOR EXACT LOCATION OF LIGHTING FIXTURES.

	VOICE/DATA OUTLET - 8" x 4" x 1/4" BOULDER PLASTER FINISH, AND 1" CONDUIT FROM OUTLET TO ACCESSIBLE CEILING. WORK SHALL BE SHIELDED OR AS INDICATED. "X" INDICATES QUANTITY OF CONNECTIONS/CABLES PER OUTLET. PROVIDE WITH (2) IF QUANTITY INDICATED.
	JUNCTION BOX - FOR/CEILING/WALL MOUNTED.
	FIRE ALARM SYSTEM STROBE - ONLY SIGNAL - 80" A.F.F. MEASURED TO HORIZONTAL CENTERLINE OF DEVICE. INDICATE MOUNTING OF DOOR FRAME, ALIGN WITH WALL SWITCH, WHERE APPLICABLE.
	ACCESS CONTROL SYSTEM CARD READER - 54" A.F.F.
	ACCESS CONTROL SYSTEM DOOR POSITION SWITCH - COORDINATE MOUNTING WITH DOOR.
	GRAPHIC SYMBOL FOR WALL TO REMAIN, UNLESS OTHERWISE NOTED.
	GRAPHIC SYMBOL FOR WALL TO BE DEMOLISHED, UNLESS OTHERWISE NOTED.
	INDICATES DEVICE, FIXTURE, OR EQUIPMENT TO REMAIN; MAINTAIN EXISTING CIRCUIT CONNECTION(S).
	INDICATES DEVICE, FIXTURE, OR EQUIPMENT TO BE RELOCATED; EXTEND EXISTING CIRCUIT CONNECTION(S) TO NEW LOCATION AS INDICATED.

FIRE ALARM NOTES:
FOR NEW FIRE ALARM DEVICES, MATCH EXISTING GENTEX SYSTEM UNITS. PROVIDE PANEL MODIFICATIONS AND RE-CERTIFY SYSTEM.



DETAIL - COMPUTER CLASSROOM TABLES

REVISIONS

NO.	DESCRIPTION



Georgia Perimeter College Plant Administration
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555 North Indian Creek Drive
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PROPOSED RENOVATIONS
ALPHARETTA CENTER
GEORGIA PERIMETER COLLEGE

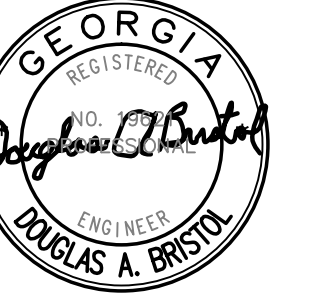
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PROPOSED RENOVATIONS
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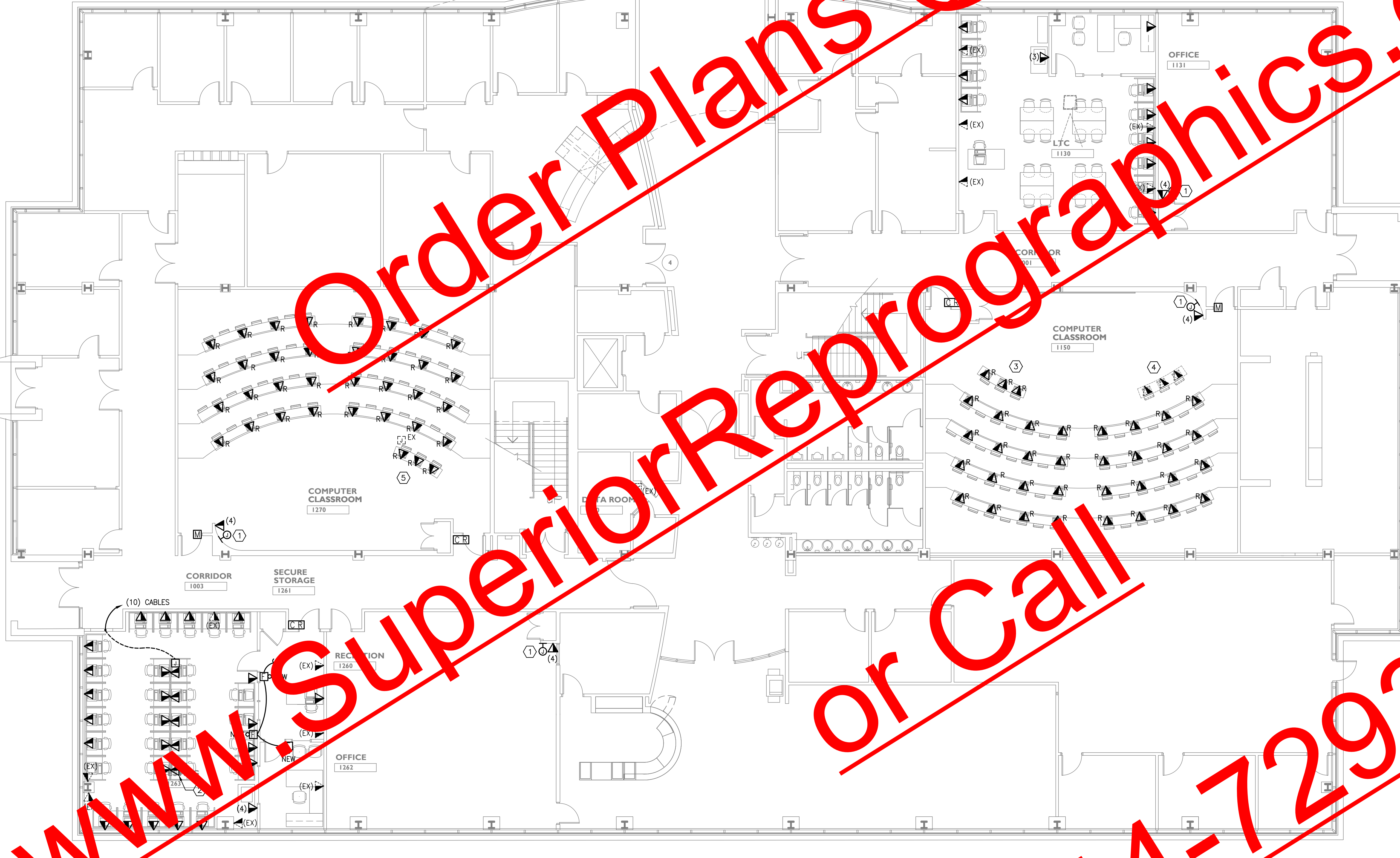
TI.1

GENERAL NOTES:

- A. REFER TO DRAWING T1.1 FOR LEGEND, AND DETAILS.
- B. SHOULD VERIFY LOCATIONS OF EXISTING MOTION SENSORS, SERVE, AND MAINTAIN CONNECTIONS.
- C. DATA OUTLETS WITH "EX" INDICATES THAT OUTLET/CABLING ARE EXISTING. REMOVE FROM EXISTING TOMBSTONE AND TERMINATE ON NEW OUTLET PER 4/TO.1. COORDINATE TABLE MANAGEMENT REQUIREMENTS WITH FURNITURE.
- D. ALL NEW DATA OUTLETS ARE 2-PORT TYPE, EXCEPT AT INSTRUCTORS STATION, WHICH ARE 4-PORT. HOMERUN CAT-6 CABLES (ONE PER PORT) TO A NEW PATCH PANEL INSTALLED IN AN EXISTING RACK IN DATA ROOM 1060.
- E. FIRE ALARM DEVICES ARE EXISTING TO REMAIN. WHERE NEW DEVICES ARE SHOWN, CONNECT TO EXISTING NOTIFICATION APPLIANCE CIRCUIT, MATCH EXISTING DEVICES AND WIRING METHODS.

KEY NOTES:

- 1 AT INSTRUCTORS STATION, PROVIDE A.V. CONNECTOR "MUD RING"; COORDINATE WITH A.V. SUBCONTRACTOR.
- 2 MOUNT DATA OUTLETS IN MILLWORK, ALTERNATE CIRCUITS, COORDINATE EXACT WIRING METHODS WITH MILLWORK.
- 3 3-STATION TABLE TO REMAIN, NO NEW WORK.
- 4 3-STATION TABLE TO BE RELOCATED TO ROOM 1270.
- 5 RELOCATED 3-STATION TABLE; PROVIDE TOTAL OF (6) NEW DATA CABLES (2 PER EACH OF 3), FROM DATA ROOM 1060, UTILIZE EXISTING FLOOR OUTLET LOCATION ADJACENT TO TABLE LOCATION, MATCH EXISTING WIRING METHODS AND WIRE MANAGEMENT.



1 FIRST FLOOR TELECOMMUNICATIONS AND SECURITY NEW WORK PLAN
TI.1 1/8" = 1'-0"

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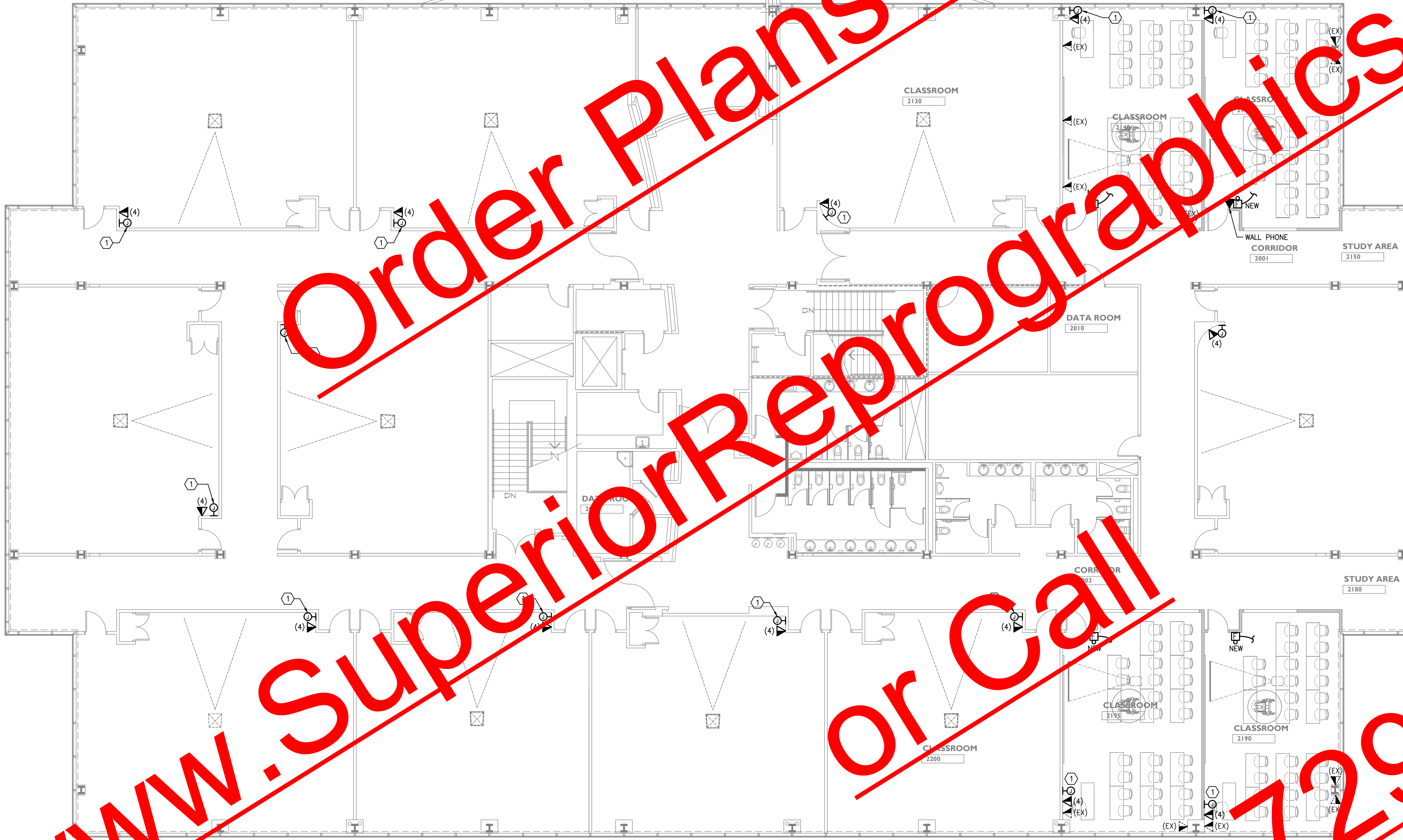
TI.2

GENERAL NOTES:

- A. REFER TO DRAWING TO FOR LEGEND, AND DETAILS.
- B. CHECK AND VERIFY LOCATIONS OF EXISTING MOTION SENSORS, PHOTO EYE, AND MANTAIN CONNECTIONS.
- C. DATA ROOMS WITH "EX" INDICATES THAT OUTLET/CABLING IS EXISTING. SUPPLY WITH NEW JACK AND PATCH CABLE TABLETOP LOCATIONS. COORDINATE CABLE MANAGEMENT REQUIREMENTS WITH FURNITURE.
- D. ALL NEW DATA OUTLETS ARE 2-PORT TYPE, EXCEPT AT INSTRUCTORS STATION, WHICH ARE 4-PORT. HOMERUN CAT-6 CABLES (ONE PER PORT) TO A NEW PATCH PANEL INSTALLED IN AN EXISTING RACK IN DATA ROOM 1060.
- E. FIRE ALARM DEVICES ARE EXISTING TO REMAIN. WHERE NEW DEVICES ARE SHOWN, CONNECT TO EXISTING NOTIFICATION APPLIANCE CIRCUIT, MATCH EXISTING DEVICES AND WIRING METHODS.

KEY NOTES:

- ① AT INSTRUCTORS STATION, PROVIDE A.V. CONNECTOR "MUD RING"; COORDINATE WITH A.V. SUBCONTRACTOR.



1 SECOND FLOOR TELECOMMUNICATIONS AND SECURITY NEW WORK PLAN
TI.2 1/8" = 1'-0"

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