PROJECT

for

GEORGIA PERIMETER COLLEGE

PROJECT NO. GPC 10-21

PROPOSED RENOVATIONS
ART LAB - FIRST FLOOR - BUILDING N/A
DUNWOODY CAMPUS

OCTOBER 31, 2009

DRAWING INDEX

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 ARCHI
4. ALL MATERIALS AND INSTALLATIONS SHALL BE ORDING TO ALL APPLICABLE CODES.
5. THE CONTRACTOR SHALL VERIFY EXISTING CO TIONS A DIMENSIONS AND BRING DISCREPANCIES TO TH ON OF THE ARCHITECT.
6. ALL DIMENSIONS ARE TAKEN FROM CENTERLINES OF COLUMNS, FA OF MASONRY, FACE OF STUDS OR A SPECIFICALLY N ED OTHERWISE.
7. ALL DIMENSIONS NOTED AS "CLEA SHALL BE TAKEN FINISHED FACES.
8. ALL WALLS SHALL BE BRA AND ANCHORED TO E STRUCTURE ABOVE AS NECE RY.
9. DO NOT SCA DRA INGS USE DI SIONS ONLY
10. PATCH ALL AREAS WHE REMOVAL OF CONSTRUCTION EQUIPMENT OR MA ALS LEAVES SURFA FINISH OF EXPOSED CONSTRUCTION OTHER THAN SMOOTH AND FLUSH WITH ADJACENT CONSTRUCTION
11. PROVIDE F SHIELD WALL BEHIND ALL EQUIPMENT, MILLWORK AND CASEWORK.
12. OUTLETS SHALL NOT BE BACK TO BACK ELECTRICAL, TELEPHONE OR DATA OUTLETS. OUTLET HOLES SHALL BE PACKED WITH ACOUSTICAL INSULATION. WHEN OUTLETS ARE LOCATED AT OCCURRING BACK TO BACK, THEY SHALL BE SEPARATED BY ACOUSTICAL PANTS.
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

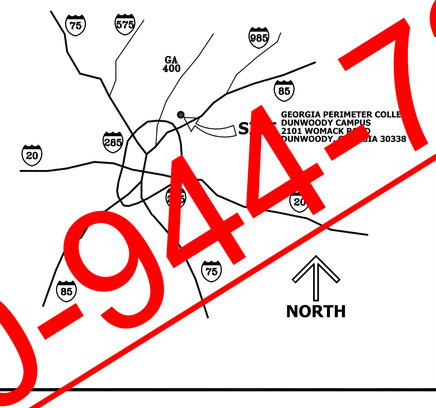
Anchor Bolt	Anchor Bolt	Ht.	Height
ACT	Acoustical Ceiling Tile	In.	Inch
A.F.F.	Above Finish Floor	L.	Long
A.I.S.C.	American Institute of Steel Construction	Lt.Wt.	Light Weight
@	At	Lum.	Luminous
A.S.T.M.	American Society for Testing and Materials	Mfr.	Manufacturer
Bd	Board	Max.	Maximum
Bldg	Building	Mech.	Mechanical
B.U.R.	Built Up Roofing	Met./Mtl.	Metal
Cer.	Ceramic	M.H.	Mount
C.J.	Control Joint	M.T.	Mar
℄	Centerline	Min	Mi
Clg.	Ceiling	Mas	Y Openi
C.H.	Ceiling Height	N.I.	No
C.M.U.	Concrete Masonry Unit	#/No	Nu
Col.	Column	O.C.	On
Conc.	Concrete	Opn	Openi
Cont.	Continuous	Opp	Opposi
Dn	Down	Pl	Plate
D.O.	Door Opening	Pol	Pol
D.S.	Downspout	PSI	Per Square Inch
D.F.	Drinking Fountain	PSF	Per Square Foot
Ea	Each	R.D.	Roof Drain
Elec./Elect.	Electrical	Recept.	Receptacle
El./Elev.	Elevation	Reinf.	Reinforcing
E.W.	Each Way	Resist.	Resistant
Exp.	Expansion	Resil	Resilient
Exist.	Existing	Rm.	Room
Ext.	Exterior	R.O.W.	Right of Way
F.E.	Fire Extinguisher	S.C.Wood	Solid Core Wood
F.E.C.	Fire Extinguisher Cabinet	Sim.	Similar
Fin.	Finish	Spec.	Specification
Fin.Flr.	Finish Floor	Std.	Standard
F.D.	Floor Drain	Stl.	Steel
F.	Floor	Struct.	Structural
Fr.	Fire Rated	Trtd.	Treated
Ft.	Foot	Typ.	Typical
Ftg	Footing	VCT	Vinyl Composition Tile
Galv.	Galvanized	Vert.	Vertical
Gyp.	Gypsum	VWC	Vinyl Wall Covering
Gyp.B.	Gypsum Wall Board	W.	Wide
H.	High	W.H.	Water Heater
Hdw.	Hardware	WP	Weatherproof
H.M.	Hollow Metal	Wd.	Wood
Horiz.	Horizontal	WWF	Welded Wire Fabric

FIRE STOPPING

METAL PIPE THROUGH A 1 HOUR GYPSUM WALL	UL SYSTEM WL1
PLASTIC PIPE THROUGH A SLEEVE IN A 1 HOUR GYPSUM WALL	UL SYSTEM WL205 052
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

VICINITY MAP

OVERALL VICINITY MAP



PROJECT SUMMARY

THIS PROJECT WILL PROVIDE MODIFICATIONS AND ALTERATIONS TO EXISTING INTERIOR SPACES TO PROVIDE AN ART LAB AND A DATA ROOM. WORK INCLUDES SELECTIVE DEMOLITION, DRYWALL WORK, DOORS, FRAMES, HARDWARE, INTERIOR FINISHES, MECHANICAL WORK AND ELECTRICAL WORK.

OWNER

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ARCHITECT

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TODD ALLEN COOK
CERTIFICATE NO 21787
REGISTERED ARCHITECT

MECHANICAL & ELECTRICAL ENGINEER

SPENCER BRISTOL ENGINEERING, INC.
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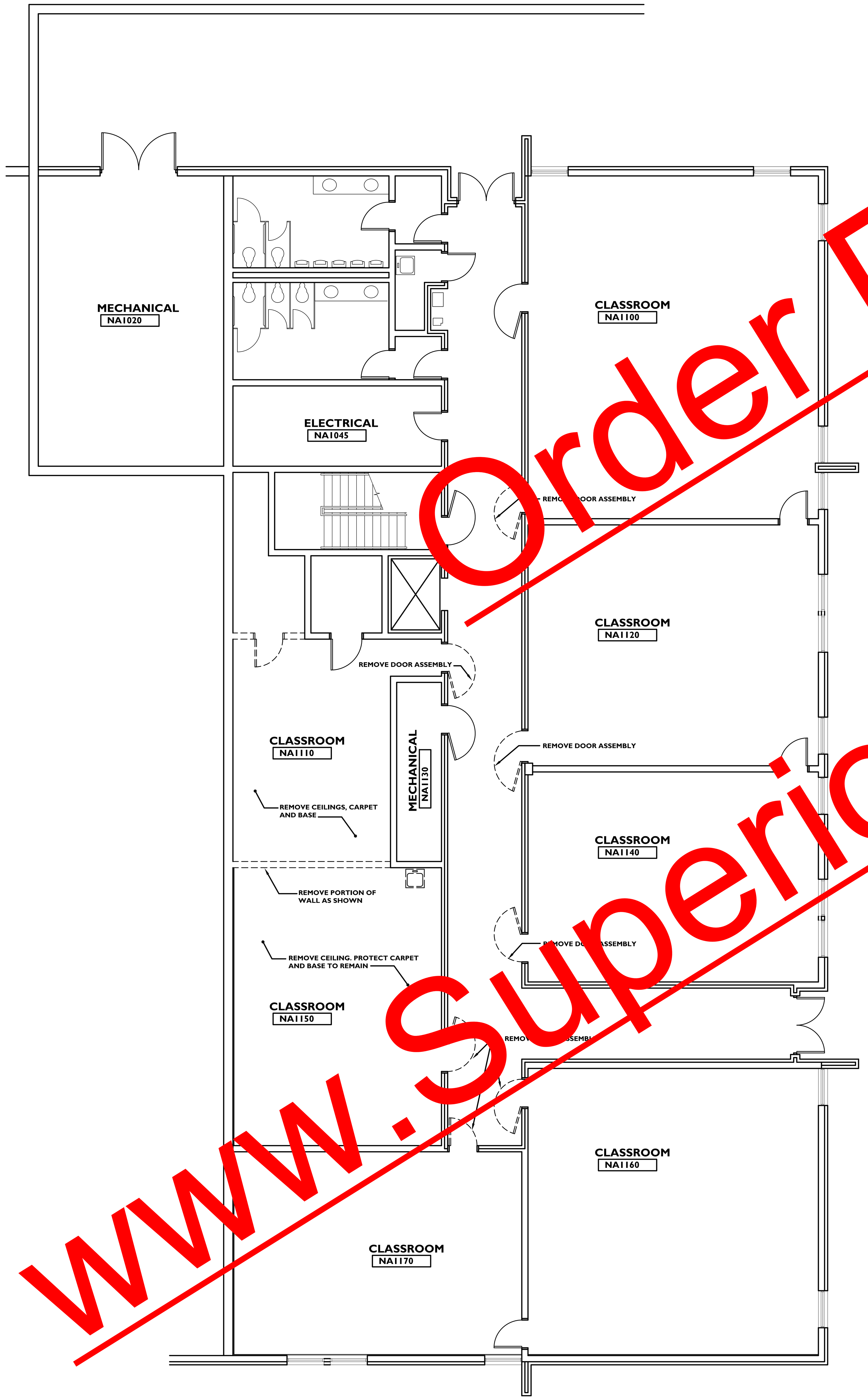
NORCROSS, GEORGIA 30093
tel: (770) 414-1628
fax: (770) 414-6024



2 A1.1 DEMOLITION PLAN

1/8" = 1'-0"

DEMOLITION NOTES

1. THE CONTRACTOR MUST V... ITE AND SURVEY ALL ...NDITIONS THAT EXIST TO REALIZE THE EX...ENT OF ... WORK INVOLVED.
2. ALL PRECAUTIONARY ...SURES SHA... E TA... EVENT ANY ACCIDENT FROM OCCURRING DU... DEMOLITIO...
3. DEMO...ON ... L BE A...MPLISHED IN ...RICT ACCORDANCE WITH ALL CODES AN... SHA REG...TIONS.
4. RE...VE DE... REFUSE ... WORK P...GRESSES TO PREVENT ACCUMULATION OF DEBRI... T NO... S THAN DAILY.
5. DO NO... PERATE ...CHANICA... VENTILATION EQUIPMENT DURING DEMOLITION WORK ... MAN... WHICH WOULD INTRODUCE DUST INTO THE SYSTEM. ...VER ... UCH ...QUIPMENT WITH CLOGGED FILTERS OR WITH NO FILTERS.
6. P...H EXISTING CONSTRUCTION TO REMAIN TO WHATEVER EXTENT NECESSARY AN... ETURN ...XPOSED CONSTRUCTION TO NEW APPEARANCE.
7. TURN ...VER ALL SALVAGEABLE EQUIPMENT, FIXTURES, ETC., NOT SCHEDULED FO... REUSE, TO THE OWNER'S REPRESENTATIVE UNLESS SPECIFICALLY NOTED ...THERWISE.
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.

DEMOLITION PLAN LEGEND

- EXISTING WALLS TO BE REMOVED
- EXISTING WALLS TO REMAIN
- EXISTING DOOR... BE ...OVED
- ...NG DOO... O REMAIN

...ENE...AL N...ES

1. TH... ONTRACTOR SHALL BE RE...ONSIBLE FOR INITIATING ALL SAFETY PRECAUTIONS NEC... ARY TO PREVENT AN... ACCIDENT FROM OCCURRING DURING THE COURSE OF THE ...RK. THE CONTR...CTOR SHALL COMPLY WITH ALL APPLICABLE OSHA REGULATIONS.
2. THE CA...US GRO...NDS SHALL BE PROTECTED FROM DAMAGE DURING THE COURSE OF THE WORK. ALL DA...AGE SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS BY THE CONTRACT...R.
3. THE ...ONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND NEAT APPEARANCE. D...OLISHED MATERIALS SHALL BE REMOVED DAILY.
4. 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.
5. ALL COLOR SELECTION SHALL BE MADE BY THE ARCHITECT.
6. THE CONTRACTOR SHALL BE PERMITTED TO UTILIZE THE EXISTING POWER AND WATER SERVICE AT THE INSTITUTION FOR CONSTRUCTION OPERATIONS.
7. THE CONTRACTOR SHALL PROTECT EXISTING WALKS FROM DAMAGE DURING THE C...URSE OF THE WORK. ALL DAMAGE RESULTING FROM CONSTRUCTION OPERATIONS SHA... E RESTORED TO PRE-CONSTRUCTION CONDITIONS.
8. ALL WORK SHALL BE DONE SATISFACTORILY IN A WORKMANLIKE MANNER SUBJECT ... INSPECTION DURING CONSTRUCTION AND FINAL APPROVAL OF THE ARCHITECT.
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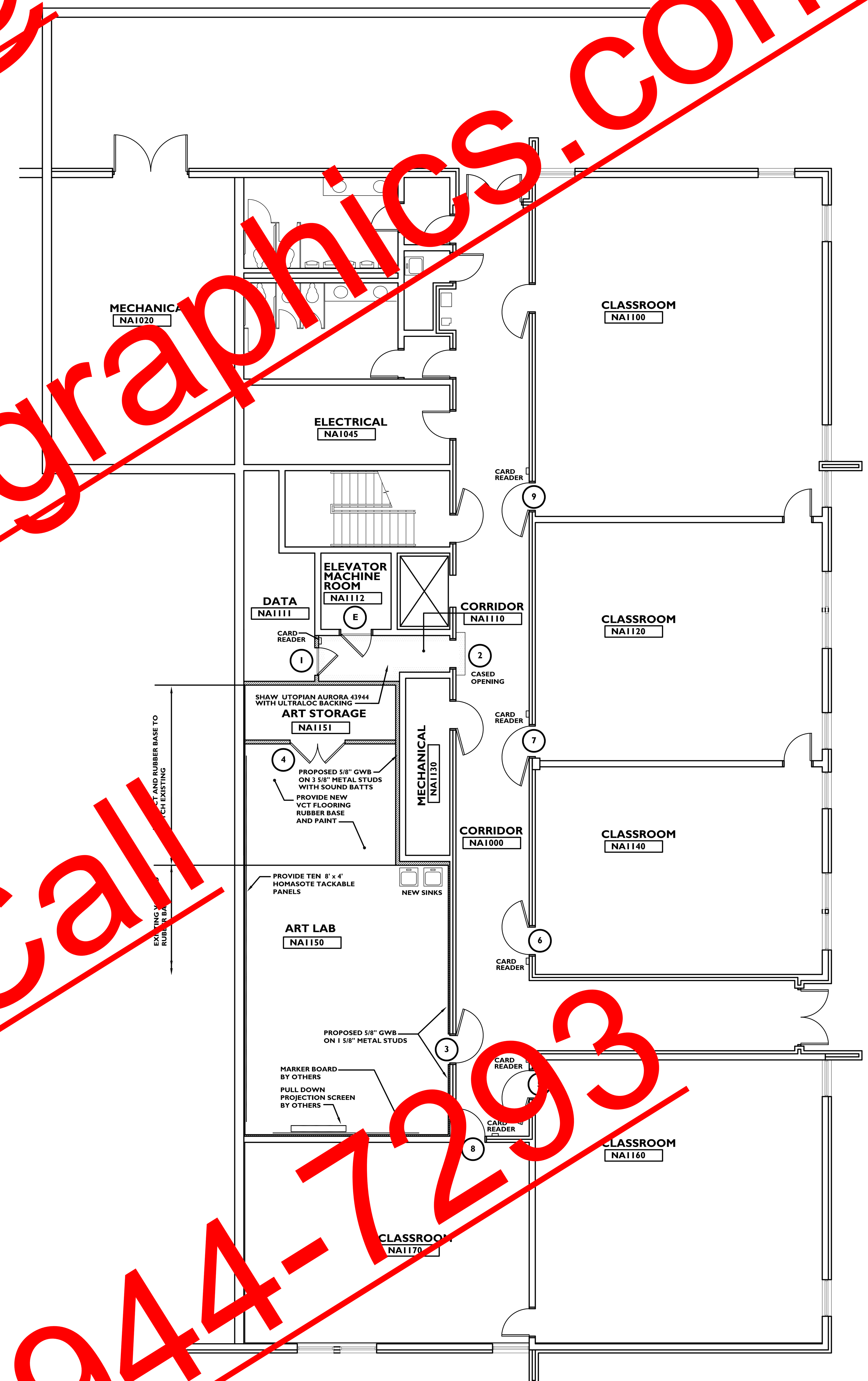
13. ALL DIMENSIONS NOTED AS "CLEAR" SHALL BE ...KEN FROM ...ISHED F...ES.

SYMBOLS LEGEND

1	NEW DOOR NUMBER	1 / A1	ELEVATION
E	EXISTING DOOR	1 / A1.1	DETAIL
A	NEW WINDOW/STOREFRONT		
ROOM NAME / ROOM NO.			

FLOOR PLAN LEGEND

- EXISTING WALL
- 5/8" GWB ON EACH SIDE OF 3 5/8" METAL ...TUDS W...H SOUND ATTENUATION BATTS



1 A1.1 FLOOR PLAN

1/8" = 1'-0"

REVISIONS

REVISION 26 MAY 2011

STATE OF GEORGIA
TODD ALLEN COOK
REGISTERED CERTIFICATE NO 7138 ARCHITECT

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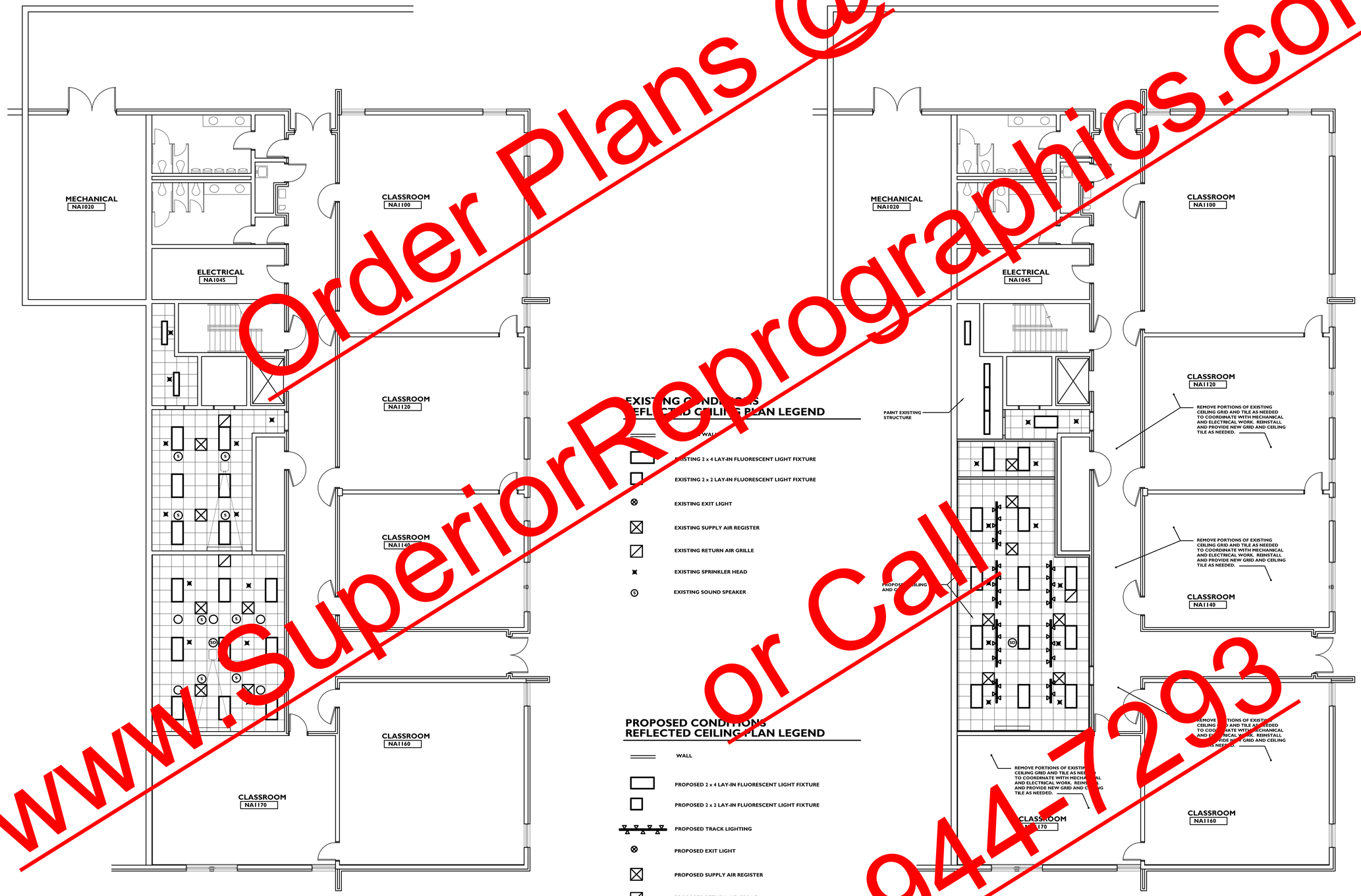
PROPOSED RENOVATIONS
ART LAB
FIRST FLOOR - BUILDING NA
DUNWOODY CAMPUS

OCTOBER 31, 2009
DRAWN BY: TAC
APPROVED BY: LCG

A1.1



EXISTING CONDITIONS REFLECTED CEILING PLAN

2 / A2.1 — 1/8" = 1'-0"

PROPOSED CONDITIONS REFLECTED CEILING PLAN

1 / A2.1 — 1/8" = 1'-0"

REVISIONS

REVISION 26 MAY 2011

STATE OF GEORGIA
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A2.1

DOOR SCHEDULE

DOOR NUMBER	DOOR SIZE	MATERIAL	TYPE	FINISH	FRAME MATERIAL	FRAME SIZE	FRAME TYPE	FRAME FINISH	ASSEMBLY RATING	HARDWARE SET	CLOSER	SIGNAGE	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	REMARKS
1	3'-0"x7'-0"x1 3/4"	SC WOOD	A	STAIN	HM	*	1	PAINT	-	LOCKSET	YES	TYPE A	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
2	3'-0"x7'-0" CASED OPENING	NONE	NONE	NONE	HM	*	1	PAINT	-	NONE	NO	NONE	3/A7.1	4/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
3	3'-0"x7'-0"x1 3/4"	SC WOOD	A	STAIN	HM	*	1	PAINT	-	LOCKSET	YES	NO	10/A7.1	11/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
4	PAIR 3'-0"x7'-0"x1 3/4"	SC WOOD	A	STAIN	HM	*	1	PAINT	-	LOCKSET	NO	NO	1/A7.1	2/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
5	3'-0"x7'-0"x1 3/4"	SC WOOD	B	STAIN	HM	*	1	PAINT	-	LOCKSET	YES	NO	5/A7.1	6/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
6	3'-0"x7'-0"x1 3/4"	SC WOOD	B	STAIN	HM	*	1	PAINT	-	LOCKSET	YES	NO	5/A7.1	6/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
7	3'-0"x7'-0"x1 3/4"	SC WOOD	B	STAIN	HM	*	1	PAINT	-	LOCKSET	YES	NO	5/A7.1	6/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
8	3'-0"x7'-0"x1 3/4"	SC WOOD	B	STAIN	HM	*	1	PAINT	-	LOCKSET	YES	NO	5/A7.1	6/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION
9	3'-0"x7'-0"x1 3/4"	SC WOOD	B	STAIN	HM	*	1	PAINT	-	LOCKSET	YES	NO	5/A7.1	6/A7.1	-	* FRAME MUST WRAP WALL CONSTRUCTION

CONTRACTOR NOTE: FIELD VERIFY EXISTING DOOR OPENING SIZES PRIOR TO SHOP DRAWING SUBMITTAL

FINISH SCHEDULE NOTES

NOTE 1: REMOVE ALL EXISTING FINISHES AT LOCATIONS WHERE NEW FINISHES ARE INDICATED.

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

NOTE 3: ABBREVIATIONS:
RESIL = RESILIENT
ACT = ACOUSTICAL TILE

NOTE 4: PAINT WALLS WITH NEW WORK FROM BREAK POINT TO BREAK POINT

NOTE 5: PROVIDE NEW CARPET:
SHAW UTOPIAN AURORA 43944 WITH ULTRALOC BACKING

NOTE 6: REPLACE RESILIENT BASE FROM JOINT TO JOINT

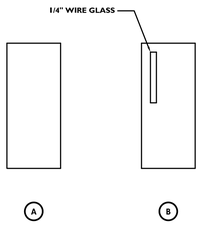
NOTE 7: REWORK EXISTING CEILING AS REQUIRED FOR NEW WORK

NOTE 8: PAINT EXISTING EXPOSED STRUCTURE

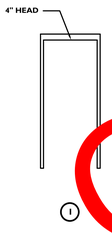
NOTE 9: PROVIDE NEW VCT AND RUBBER BASE TO MATCH EXISTING AS SHOWN ON THE FLOOR PLAN

FINISH SCHEDULE

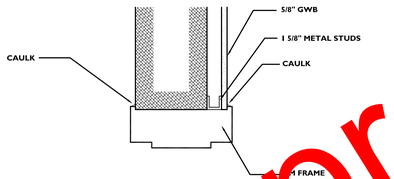
ROOM NO	ROOM NAME	WALLS	TRIM	FLOORING	BASE	CEILING	PAINT	REMARKS
NA1000	CORRIDOR	NOTE 4	PAINT	EXIST	NOTE 6	NOTE 7	EXIST	
NA1110	CORRIDOR	PAINT	PAINT	NOTE 4	RESIL	ACT	EXIST	
NA1111	DATA	PAINT	PAINT	VCT	RESIL	NOTE 7	EXIST	
NA1150	ART LAB	PAINT	PAINT	NOTE 9	RESIL	ACT	EXIST	
NA1151	ART STORAGE	PAINT	PAINT	VCT	RESIL	ACT	EXIST	



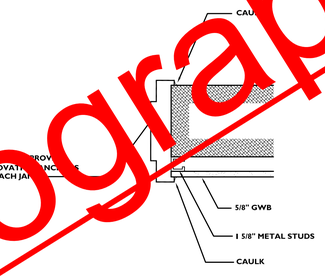
DOOR TYPES
1/4" = 1'-0"



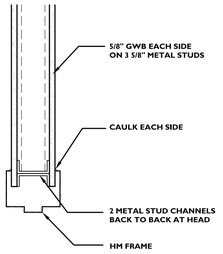
DOOR FRAME TYPES
1/4" = 1'-0"



10 A7.1 **HEAD**
1 1/2"=1'-0"



11 A7.1 **JAMB**
1 1/2"=1'-0"



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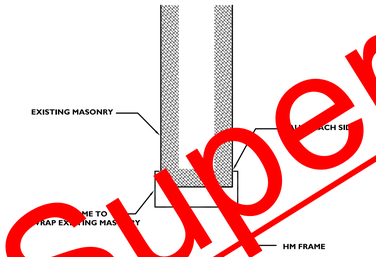

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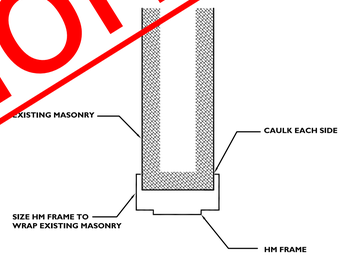

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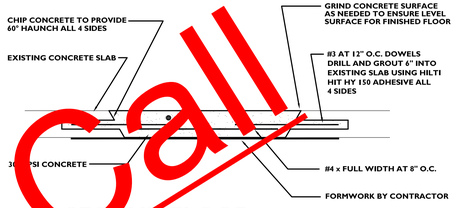
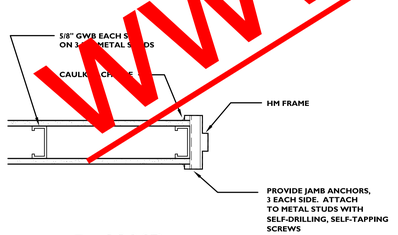
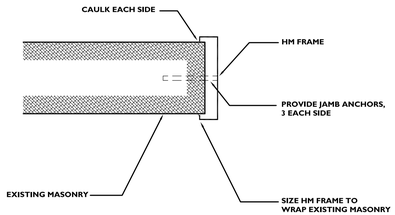


8 A7.1 **SECOND FLOOR OR ROOF SLAB PATCHING DETAIL**
1 1/2" = 1'-0"



2 A7.1 **JAMB**
1 1/2" = 1'-0"



4 A7.1 **JAMB**
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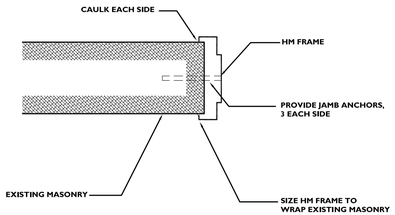

6 A7.1 **JAMB**
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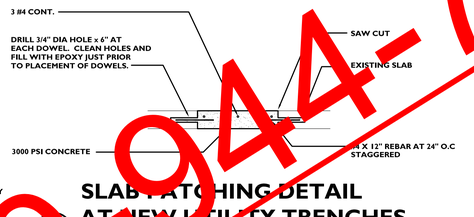
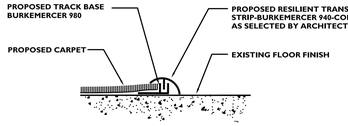


A7.1 **SLAB PATCHING DETAIL AT NEW UTILITY TRENCHES**
3/4" = 1'-0"



9 A7.1 **CARPET TRANSITION DETAIL**
3" = 1'-0"

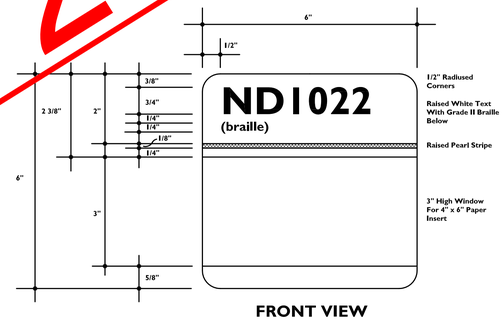
NOTE: CONTRACTOR SHALL PROVIDE TRANSITION STRIPS AT ALL LOCATIONS WHERE PROPOSED CARPET ABUTS EXISTING HARD SURFACED FLOORING.

Sign Type A

Description:
Window sign with ADA compliant Header and matching footer. Insert shall be laser printed paper. Header shall have raised graphics and Grade II Braille.

Color:
Copy: White SC-901
Perimeter Stripe: Pearl SC-912
Background: Dark Grey SC-904
Faceplate: Black Acrylic
Copy Style: Times New Roman

Mounting: Vinyl tape and silicone adhesive as required.



FRONT VIEW

REVISIONS
REVISION 26 MAY 2011

STATE OF GEORGIA
TODD ALLEN COOK
CERTIFICATE NO. 21518
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Georgia Perimeter College Plant Administration
555 North Indian Creek Drive Clarkston, Georgia 30021
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PROPOSED RENOVATIONS
ART LAB
FIRST FLOOR - BUILDING NA
DUNWOODY CAMPUS

OCTOBER 31, 2009
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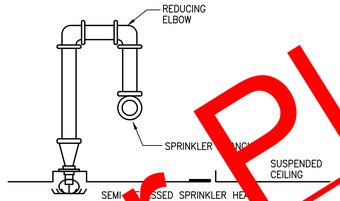
A7.1



SPRINKLER HEAD CONN. DETAIL

2 FP1.0 N.T.S.

FIRE PROTECTION LEGEND

SYMBOL	
◉	NEW PENDENT SPRINKLER HEAD
⊗	DEMO EXISTING PENDENT SPRINKLER HEAD

FIRE PROTECTION GENERAL NOTES

1. BIDDING CONTRACTORS SHALL REVIEW ALL DRAWINGS, CONSTRUCTION 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
   - (B) NATIONAL FIRE PROTECTION ASSOCIATION
   - (C) OWNER'S INSURANCE CARRIER
   - (D) LOCAL AND STATE REGULATIONS
   - (E) INTERNATIONAL BUILDING CODE

2. CONTRACTOR SHALL ADJUST, EXTEND AND/OR MODIFY THE EXISTING SPRINKLER SYSTEM AS 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.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK, MATERIALS, AND LABOR REQUIRED TO SATISFY A COMPLETE WORKING SYSTEM.

4. THE WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH NFPA 13 (LATEST EDITION), ALL LOCAL CODES AND OTHER NFPA REGULATIONS GOVERNING WORK OF THIS NATURE.

5. THE CONTRACTOR SHALL BEFORE SUBMITTING ANY PROPOSAL EXAMINE THE PROPOSED SITE AND SHALL DETERMINE FOR HIMSELF THE CONDITIONS THAT MAY EFFECT THE WORK. NO ALLOWANCE SHALL BE MADE IF THE CONTRACTOR FAILS TO MAKE SUCH EXAMINATIONS.

6. ALL EQUIPMENT AND MATERIALS SHALL BE SPECIFIED OR "APPROVED EQUAL" BY THE ENGINEER OR ARCHITECT.

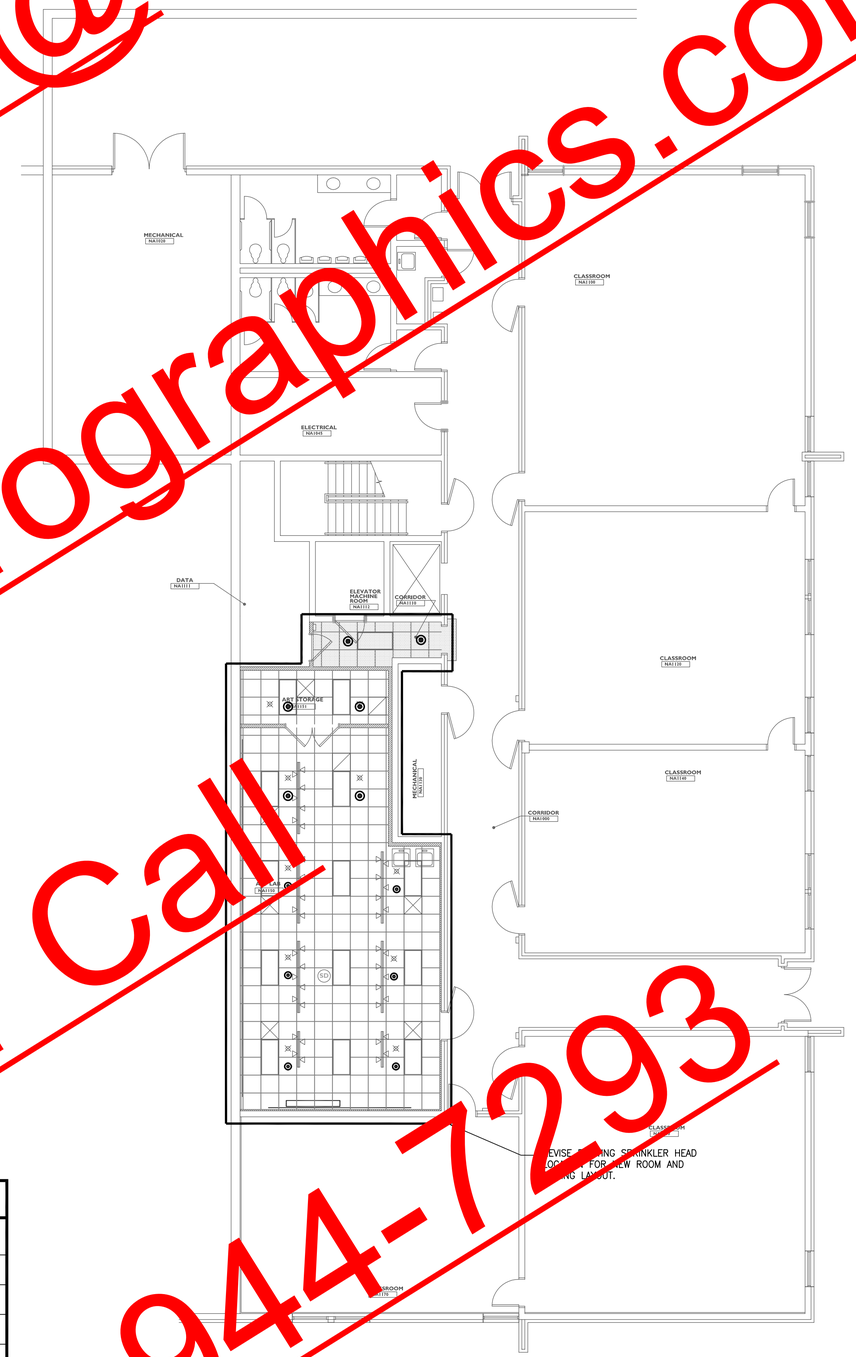
7. THE FIRE SPRINKLER CONTRACTOR SHALL PREPARE FIRE SPRINKLER SHOP DRAWINGS AND HYDRAULIC CALCULATIONS IN ACCORDANCE WITH NFPA 13, AND FIRE SPRINKLER SPECIFICATIONS. DRAWINGS, CALCULATIONS AND ALL DATA CUT SHEETS FOR ALL COMPONENTS SHALL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION, THE ARCHITECT 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.

8. THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL FEES, OBTAINING ALL PERMITS AND OTHERWISE COMPLYING WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.

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
OFFICE /VESTIBULES / LOBBY	WET PIPE AUTOMATIC	LIGHT HAZARD	0.10	1500	PENDENT	CHROME	155	225	1
STORAGE ROOMS	WET PIPE AUTOMATIC	ORDINARY GROUP 1	0.15	1500	PENDENT	CHROME	155	130	1

1. SPRINKLER HEAD SHALL BE LOCATED IN CENTER OF TILE.



1 FP1.0 FIRE PROTECTION DEMOLITION PLAN
1/4" = 1'-0"
BUILDING NA

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PROPOSED RENOVATIONS
ART LAB
FIRST FLOOR - BUILDING NA
DUNWOODY CAMPUS

OCTOBER 31, 2009
DRAWN BY: TDH
APPROVED BY: FJL

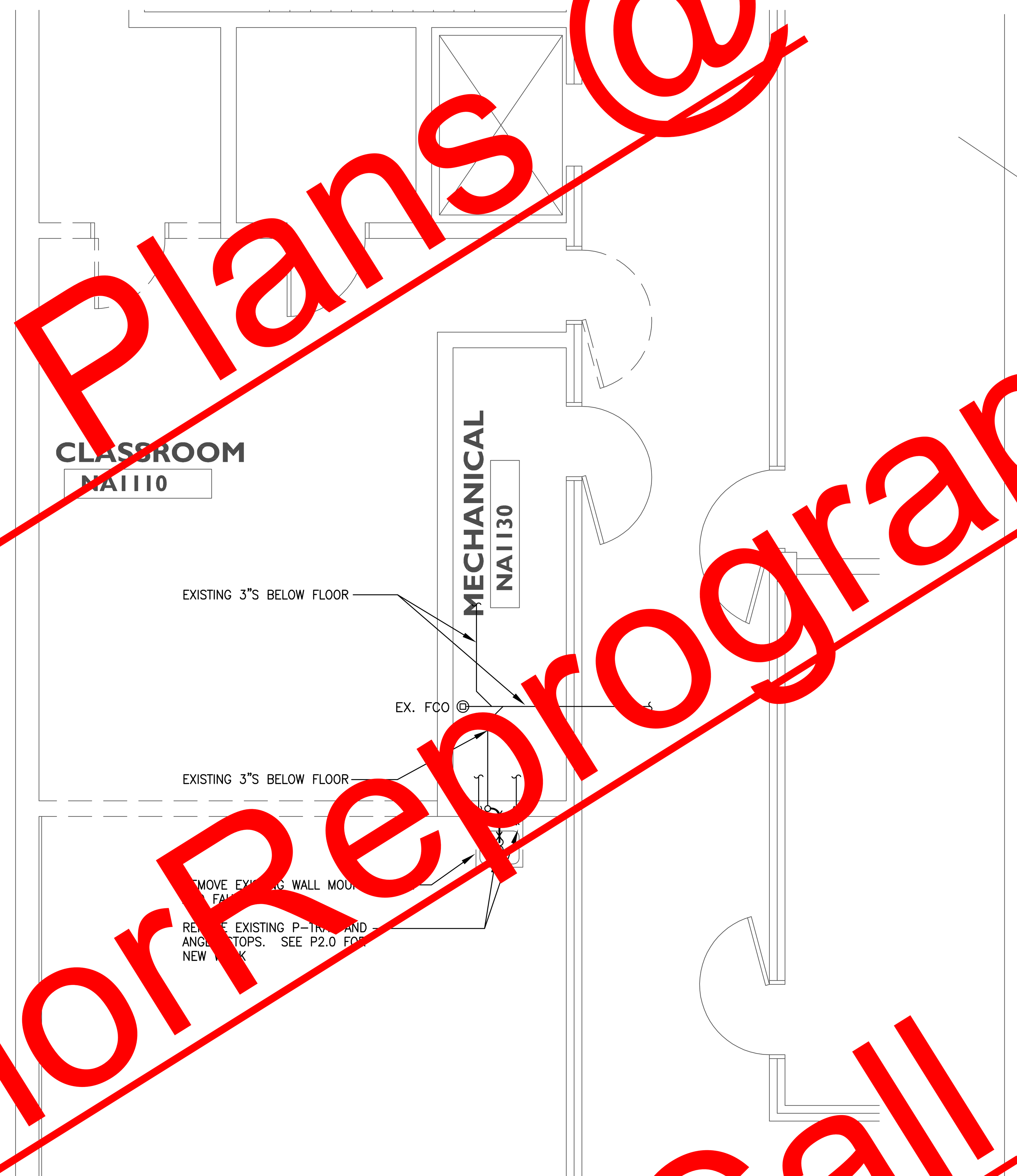
FP1.0

PLUMBING GENERAL NOTES

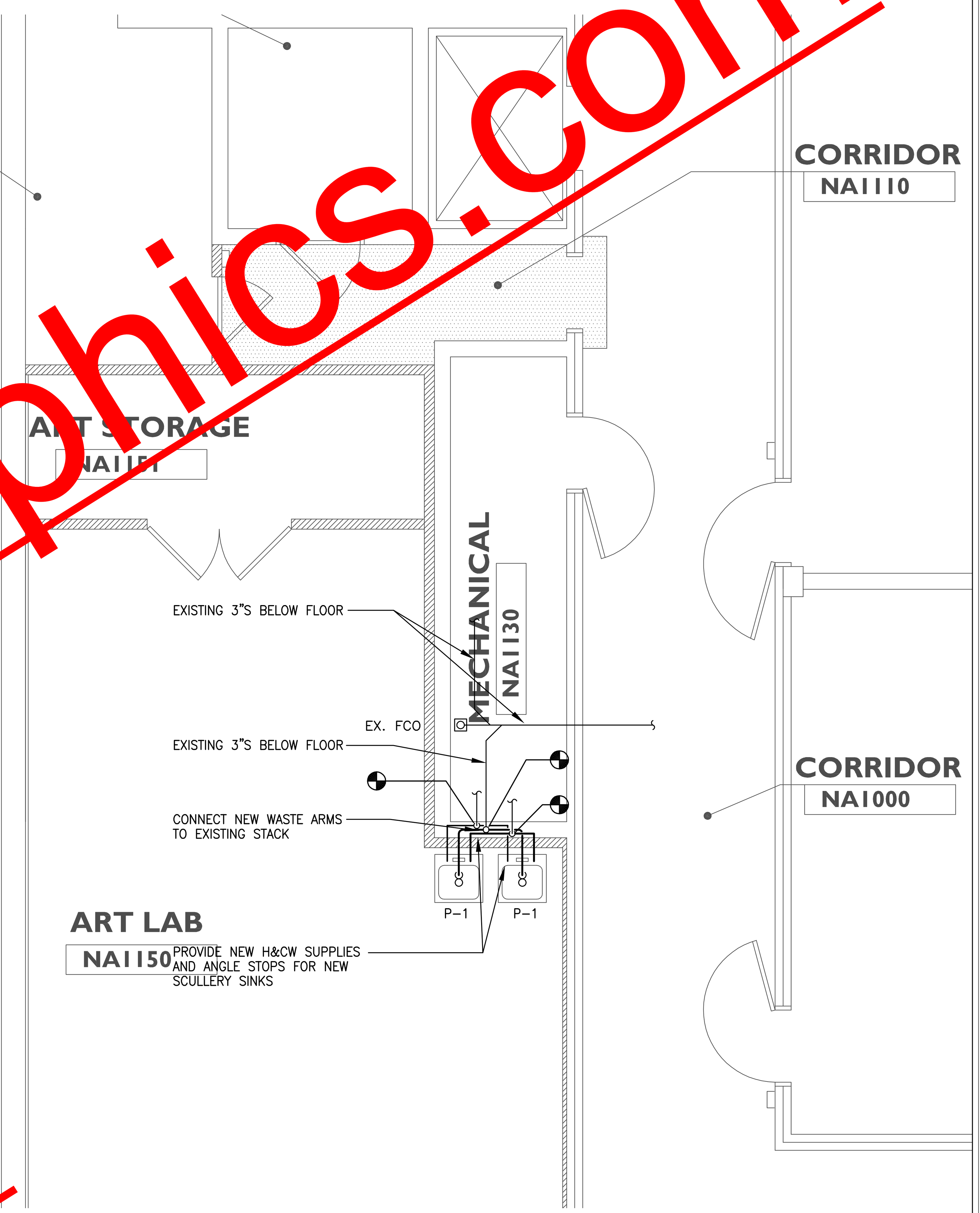
1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL PARAMETERS GIVEN IN THESE DOCUMENTS SHALL BE STRICTLY CONFORMED TO. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE PLUMBING SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, LOCAL AUTHORITIES AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE OWNER. THE WORD "PROVIDE" SHALL MEAN FURNISH AND INSTALL. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
2. ANY CONFLICTS OF WORK SHALL BE BROUGHT TO THE ENGINEERS ATTENTION BY THE CONTRACTOR PRIOR TO PURCHASE OF EQUIPMENT OR COMMENCEMENT OF WORK.
3. COORDINATE ALL WORK WITH EXISTING CONDITIONS, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC. TO AVOID INTERFERENCE'S WITH EQUIPMENT, PIPING, DUCT WORK, LIGHTS, CONDUIT, STRUCTURAL MEMBERS, ETC. ALL INVERTS SHALL BE VERIFIED IMMEDIATELY FOLLOWING AWARD OF CONTRACT.
4. PROVIDE ACCESS PANELS FOR SHOCK ABSORBERS, TRAP PRIMERS AND ALL VALVES LOCATED ABOVE NON-ACCESSIBLE CEILINGS AND INSIDE PIPE CHASES. EXACT LOCATION MUST BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND APPROVED BY ENGINEER PRIOR TO INSTALLATION.
5. ALL DRAINAGE PIPING AND POTABLE WATER PIPING SHALL BE CONCEALED INSIDE WALLS AND PIPE CHASES OR ABOVE CEILINGS AS HIGH AS POSSIBLE.
6. ALL SANITARY WASTE PIPING SHALL SLOPE AT 1/8 INCH PER FOOT UNLESS OTHERWISE NOTED.
7. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION OF ALL PLUMBING FIXTURES. EXACT LOCATION OF ALL PLUMBING FIXTURES MUST BE VERIFIED IN FIELD PRIOR TO INSTALLATION. FINAL LOCATION SHALL BE AS DIRECTED BY ARCHITECT.
8. MAKE FINAL CONNECTION TO ALL EQUIPMENT INDICATED ON DRAWINGS. FINAL CONNECTION SHALL INCLUDE ANY ADAPTERS, NIPPLES SHUTOFF VALVES, PRESSURE REGULATING VALVES, SHOCK ABSORBERS, BACKFLOW PREVENTION DEVICES, ETC.
9. DO NOT RUN PLUMBING PIPING THROUGH TRANSFORMER VAULTS, ELECTRICAL CLOSETS, ELECTRICAL SWITCHGEAR ROOMS, ELEVATOR EQUIPMENT ROOMS, COMPUTER ROOMS OR TELEPHONE ROOMS.
10. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
11. ALL STRUCTURAL PENETRATIONS (SLEEVES, BLOCKOUTS, ETC.) ARE TO BE LOCATED AND COORDINATED IN THE FIELD BY THE CONTRACTOR IN RELATION TO THE REQUIREMENTS OF FINAL EQUIPMENT AND FIXTURES SELECTED.
12. THE USE OF RISER CLAMPS TO SUPPORT VERTICAL PIPE ALONG WALLS, OR COLUMNS IS PROHIBITED. PROVIDE B-LINE 22 STRUT & B-2000 PIPE CLAMPS ON 8'-0" CENTERS & SUPPORT ALL PIPE RISES AT BASE OF RISER.
13. CARRIERS FOR THE WATER CLOSETS SHALL BE PROVIDED WITH THE NECESSARY ACCESSORIES TO ACCOMMODATE DIFFERENT WALL THICKNESSES. SEE ARCHITECTURAL DRAWINGS.
14. PLUMBING CONTRACTOR SHALL VERIFY VOLTAGE, PHASE AND WIRE SIZE OF PLUMBING EQUIPMENT REQUIRING ELECTRICAL CONNECTION WITH ELECTRICAL CONTRACTOR PRIOR TO PURCHASE OF EQUIPMENT

PLUMBING LEGEND

Symbol	Description
———	SANITARY, WASTE – S, W, SAN
— — —	VENT PIPING – V
—— – ——	COLD WATER PIPING – CW
— – – —	HOT WATER PIPING – HW
———	HOT WATER CIRCULATING PIPING – HWC
—— – ——	EXISTING CW (LINE WEIGHT LIGHTER THAN NEW PIPING)
— – – —	EXISTING HW (LINE WEIGHT LIGHTER THAN NEW PIPING)
———	EXISTING HWR (LINE WEIGHT LIGHTER THAN NEW PIPING)
———	EXISTING SANITARY (LINE WEIGHT LIGHTER THAN NEW PIPING)
———✕	PIPING TO BE DEMOLISHED
	CLEANOUTS – CO, WCO, FCO, GCO
	GATE VALVE – GV
	BALL VALVE – BV
	FLOOR DRAIN – FD, FD-*
CD	CONDENSATE DRAIN
CW	COLD WATER
FD	FLOOR DRAIN
HB	HOSE BIBB
HW	HOT WATER
HWC	HOT WATER CIRCULATING
S	SANITARY SEWER
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE
WCO	WALL CLEANOUT
P-*	PLUMBING FIXTURE
	CONNECT TO EXISTING / LIMIT OF WORK



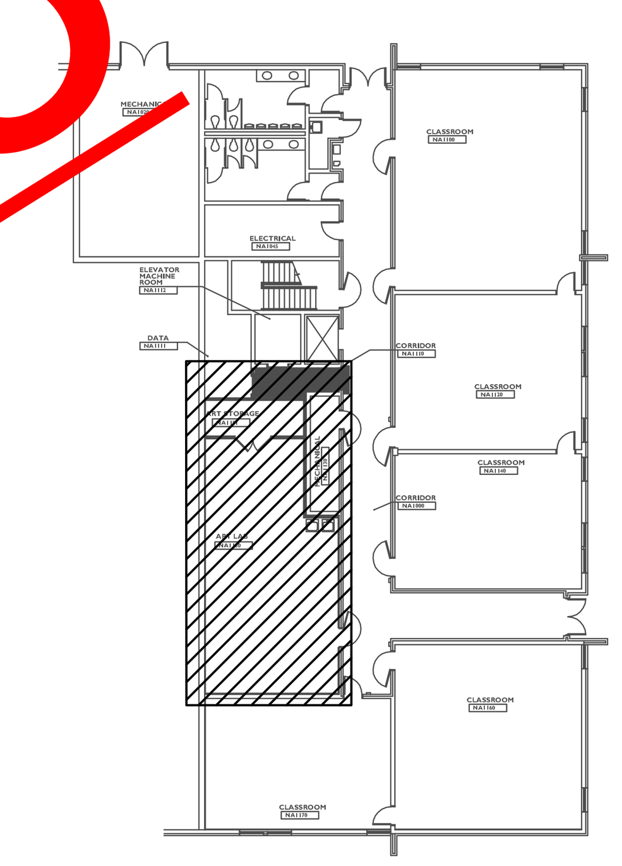
1 P1.0 PLUMBING DEMOLITION PLAN
1/4" = 1'-0"



2 P1.0 PLUMBING NEW WORK PLAN
1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER, MODEL NUMBER	FITTINGS/ACCESSORIES	REMARKS	MINIMUM FIXTURE CONNECTIONS CW	HW	WASTE	VENT
P-1	SINGLE COMPARTMENT SCULLERY SINK STAINLESS STEEL	ELKAY WNSF8124 WELDBILT	FAUCET: DELTA 3C4243, PROVIDE WITH WALL BRACKETS SINK STRAINER WITH TAIL PIECE AND J. SMITH 87[illegible] SOLIDS INTERCEPTOR	PROVIDE WITH STAINLESS STEEL BACK SPLASH	1/2"	1/2"	2"	2"



KEY MAP

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ART LAB
FIRST FLOOR - BUILDING NA
DUNWOODY CAMPUS

OCTOBER 31, 2009
DRAWN BY: TDH
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P1.0

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MECHANICAL LEGEND

LINE WEIGHTS	
	EXISTING TO REMAIN
	TO BE DEMOLISHED OR NEW WORK
SYMBOLS	
D	CONDENSATE DRAIN PIPING
R	REFRIGERANT PIPING
LR	LOOP WATER RETURN PIPING
LS	LOOP WATER SUPPLY PIPING
	DROPPING OR RISING PIPE
	PIPE TO OR FROM ABOVE
	ISOLATING GATE OR BALL VALVE
	PIPE UNION
	PIPE BRANCH OUT TOP OF MAIN
	PIPE BRANCH OUT BOTTOM OF MAIN
	CONCENTRIC PIPE REDUCER
AAV	AUTOMATIC AIR VENT
	PRESSURE/TEMPERATURE TEST PLUG
	FLEXIBLE PIPE CONNECTOR
	PIPE SLEEVE THROUGH WALL
24x12	RECTANGULAR DUCT SIZE: FIRST DIMENSION IS SIDE DRAWN
	ROUND DUCTWORK
	FLEXIBLE ROUND DUCT
	FLEXIBLE DUCT CONNECTION
	ADJUSTABLE DEFLECTOR VANES AT BRANCH DUCT
	SQUARE DUCT ELBOW WITH TURNING VANES
	ONE INCH THICK DUCT LINER
30/12	SPLITTER DAMPER WITH SPLIT DIMENSIONS SHOWN
T	WALL MOUNTED TEMPERATURE SENSOR
	CONCRETE PAD
	POINT OF CONNECTION OR LIMIT OF SCOPE OF WORK
	CUBIC FEET PER MINUTE AIRFLOW
ABBREVIATIONS	
ABSORB	ABSORPTION
APPROX	APPROXIMATE
BAS	BUILDING AUTOMATION SYSTEM
COND	CONDENSER
CFM	CUBIC FEET PER MINUTE
EER	ENERGY EFFICIENCY RATING
ESP	EXTERNAL STATIC PRESSURE
EVAP	EVAPORATOR
FLA	FULL LOAD AMPERAGE
GPM	GALLONS PER MINUTE
HP	HORSE POWER
IN. WG	INCHES WATER GAUGE
MBH	THOUSAND BTU PER HOUR
MIN	MINIMUM
REJECT	REJECTION
°F	DEGREES FAHRENHEIT

WATER SOURCE HEAT PUMP SCHEDULE

MARK	TRANE MODEL No.	TOTAL COOLING MBH	SENSIBLE COOLING MBH	HEAT OF REJECT. MBH	HEAT OUTPUT MBH	HEAT OF ABSORB. MBH	TOTAL SUPPLY CFM	APPROX. ESP IN WG	SUPPLY FAN HP	[illegible]	EER	NOTES
WSHP-1	–	51.0	–	–	47.3	–	[illegible]	–	–	[illegible]	–	6:7:8:
WSHP-2	GEVB 060	57.9	46.1	74.7	56.9	41.1	[illegible]	0.50"	1	[illegible]	[illegible]	1:2:3:4:5:7:9:10:
WSHP-3	GEVB 060	57.9	46.1	74.7	56.9	41.1	[illegible]	[illegible]	1	[illegible]	11.8	1:2:3:4:5:7:9:10:
WSHP-4	GEVB 060	57.9	46.1	74.7	56.9	[illegible]	1950	0.50"	1	14.5	11.8	1:2:3:4:5:7:9:10:
WSHP-5	–	35.0	–	–	[illegible]	–	1000	[illegible]		8.3	–	6:7:8:
WSHP-6	GEVB 048	47.3	36.4	61.9	43.8	31.1	[illegible]	[illegible]	1/2	11.0	11.1	1:2:3:4:5:7:9:10:

1. COOLING CAPACITIES BASED ON 85°F ENTERING WA[illegible] TEMPER[illegible]URE
2. HEATING CAPACITIES BASED ON 45°F ENTERING WATE[illegible] TEMPER[illegible]URE
3. VERTICAL UNIT WITH TOP DISCHARGE [illegible]D FR[illegible] OR SIDE [illegible]URN A[illegible]LET
4. SEE DETAIL 2/M0.1
5. PROVIDE HIGH STATIC MOTOR
6. EXISTING UNIT TO REMAIN
7. TEST AND BALANCE UNIT TO PR[illegible]CE THE S[illegible]DULED VAL[illegible]
8. REPORT ANY OPERATIONAL PROBL[illegible] TO T[illegible] OWNER
9. ROUTE CONDENSATE DRAIN TO FLO[illegible] IN MECHANICAL ROOM
10. SEE DEDUCTIVE ALTERNATE No.1

DUCTLESS SPLIT SYSTEM SCHEDULE

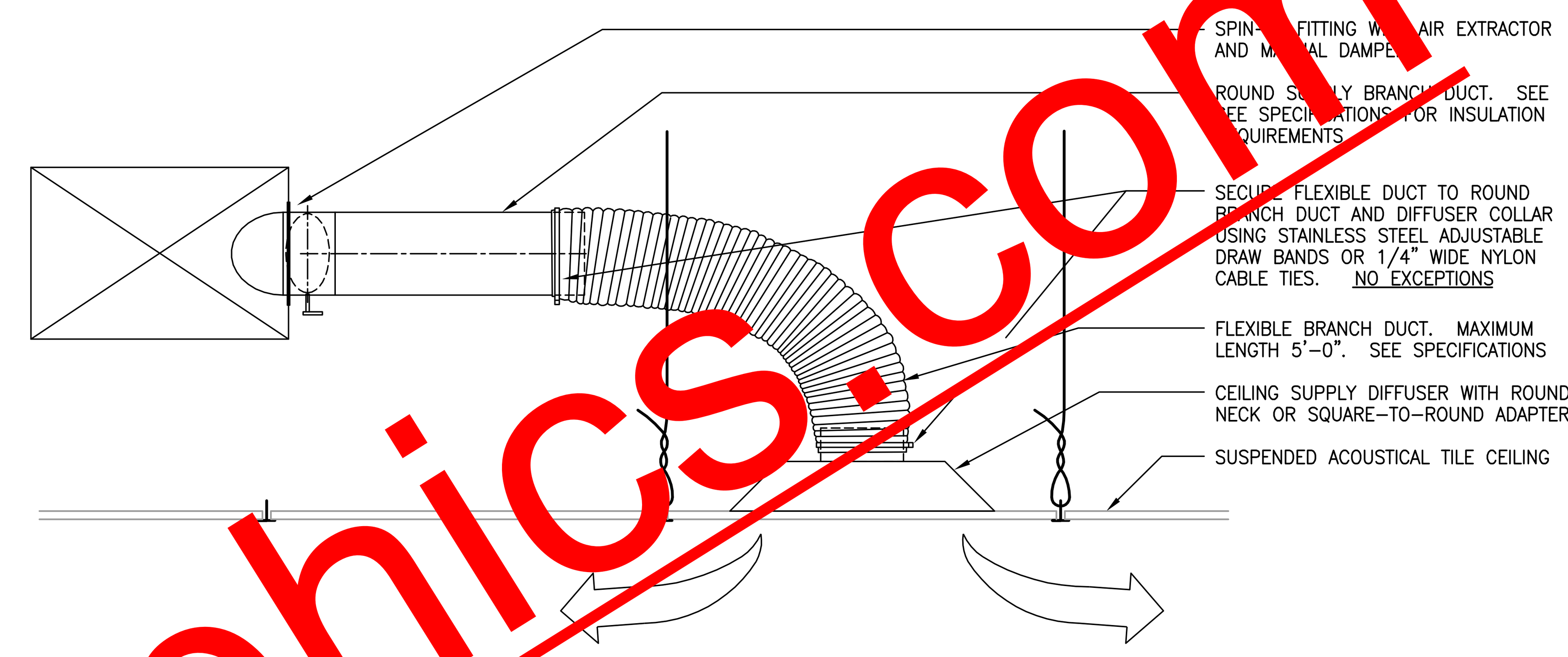
MARK	INDOOR UNIT EMI MODEL No.	OUTDOOR UNIT EMI MODEL No.	TOTAL COOLING MBH	HEAT OUTPUT MBH	EVAP AIR CFM	EVAP FLA	COND FLA	NOTES
[illegible]-1	KWHA [illegible]9A	KIHA 9000A	9.0	9.0	340	0.40	8.3	1:2:3:4:5:

1. [illegible]PACITIES BASED ON STANDARD ARI CONDITIONS
2. HIGH WALL EVAPORATOR
3. HEAT PUMP SYSTEM. PROVIDE FOR LOW AMBIENT COOLING TO 0°F
4. PROVIDE HARD WIRED REMOTE CONTROLLER
5. PROVIDE CONDENSATE PUMP

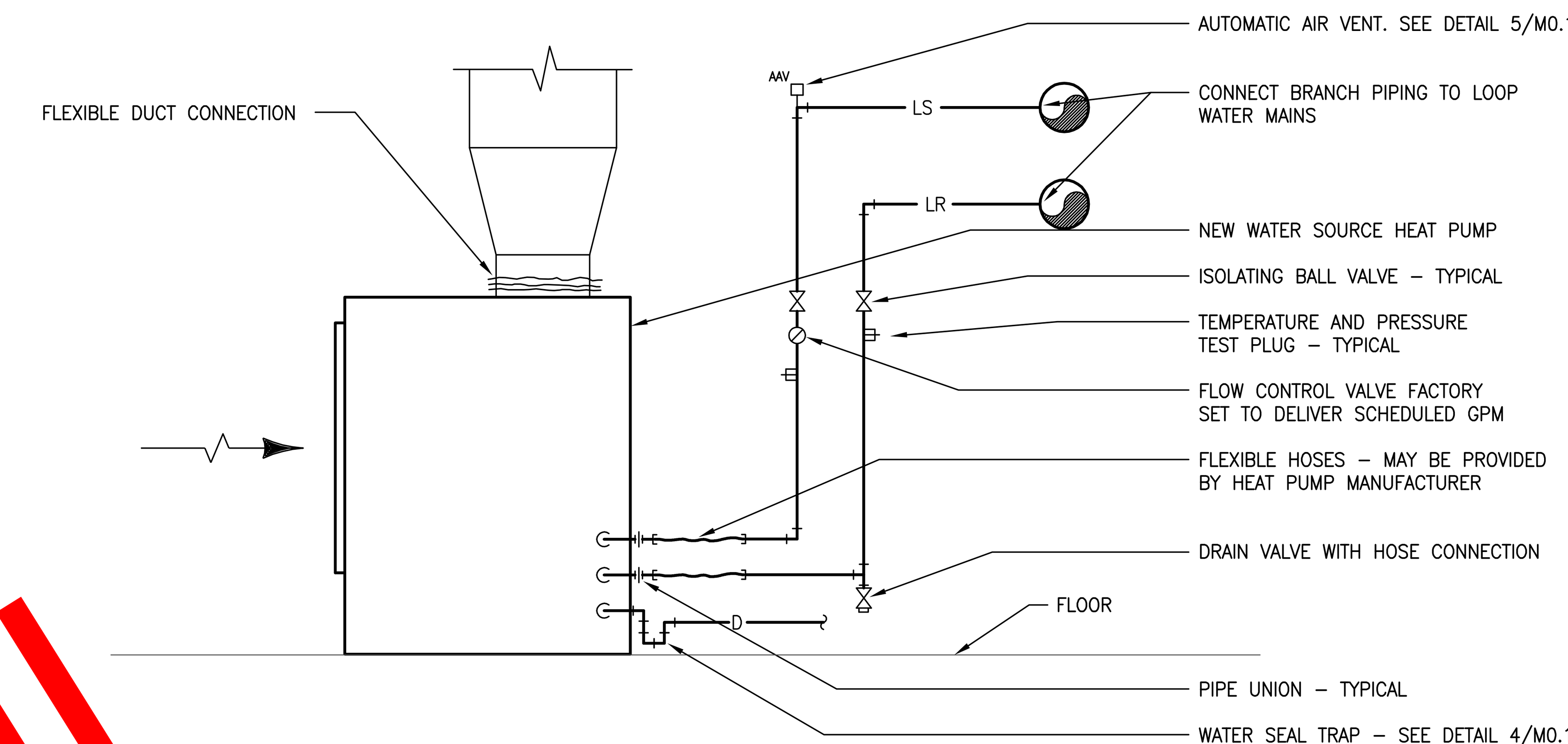
GRILLE SCHEDULE

MARK	CARNES MODEL No.	SIZE	THROW	FINISH	NOTES
A	SATA-40	9x9	4-WAY	WHITE	[illegible]2:3:5:
B	SATA-40	12x12	4-WAY	WHITE	[illegible]
C	SATA-20	9x9	2-WAY	[illegible]	1:2[illegible]:10:
D	RAPAH	24x24	–	W[illegible]	6:7:
E	SPJB-22	16x16	[illegible]	WHI[illegible]	2:4:8:9:
F	SATA-40	[illegible]6x6	[illegible]WAY	[illegible]HITE	1:2:3:5:
X	–	–	–	[illegible]	11:

1. SQUARE ALU[illegible] LOUVER [illegible]CE CE[illegible]LY DI[illegible]USER
2. IN 24x24 PAN[illegible] FOR LAY-IN [illegible]ILING
3. RO[illegible] NECK O[illegible] PROVIDE SQ[illegible] TO ROUN[illegible] ADAPTER
4. [illegible]CK
5. [illegible]ROVIDE [illegible] OP[illegible]ED BLADE VOL[illegible]E DAMPER
6. [illegible]1/2"x1[illegible]1/2" AL[illegible]UM EGG-[illegible]ATE CEILING RETURN GRILLE
7. PAN[illegible] ONLY. [illegible]OVIDE [illegible]-CHA[illegible]NEL FRAME FOR LAY-IN CEILING
8. [illegible]L PERFO[illegible]ED FACE [illegible]ILING RETURN REGISTER
9. [illegible]TORY PA[illegible]ED FLAT BLACK INTERIOR
10. T[illegible]OW IS TWO WAY OPPOSITE
11. EXISTING CEILING SUPPLY DIFFUSER TO REMAIN



1 / M0.1 FLEXIBLE SUPPLY BRANCH DUCT DETAIL
NO SCALE



2 / M0.1 WATER SOURCE HEAT PUMP DETAIL
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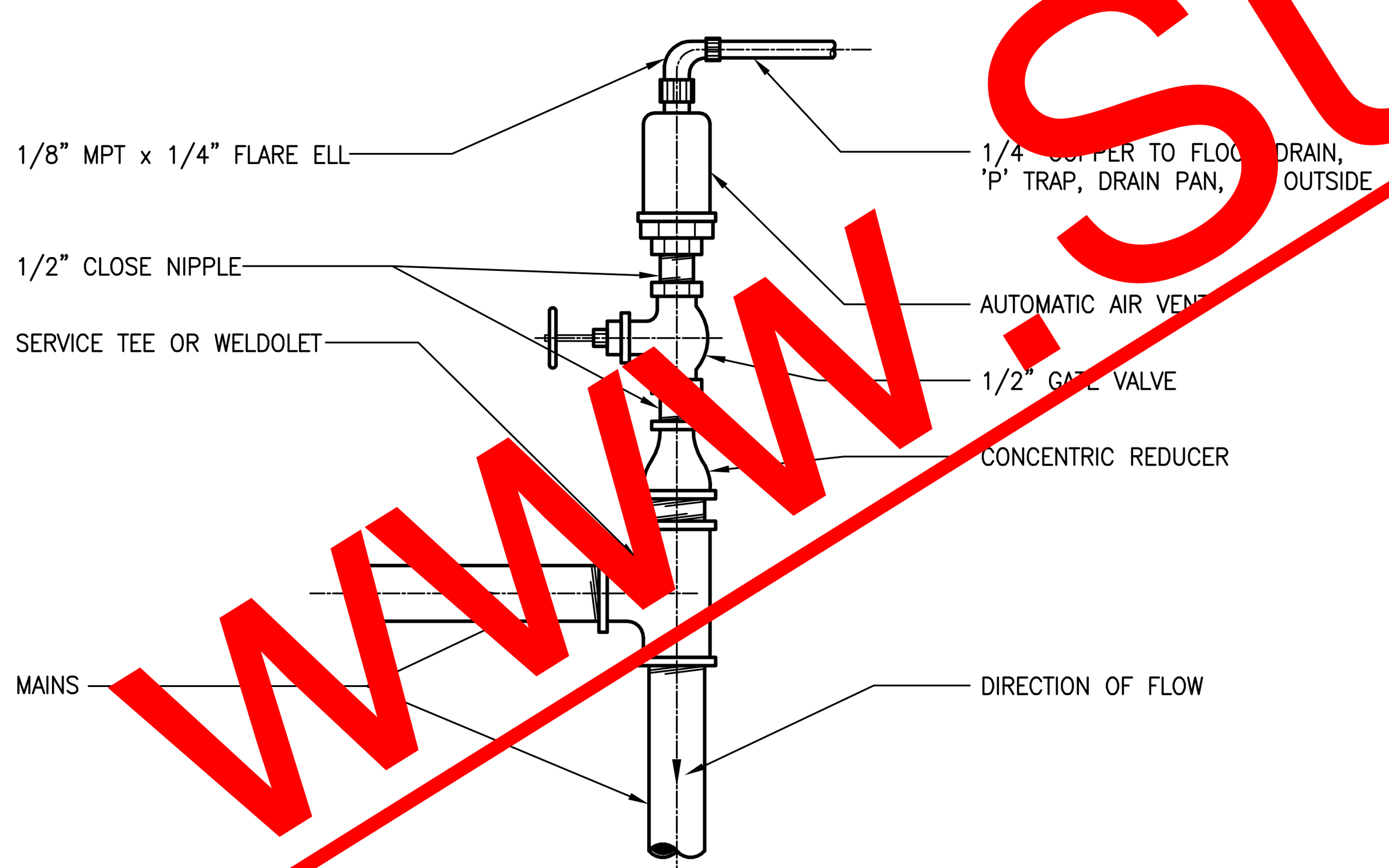
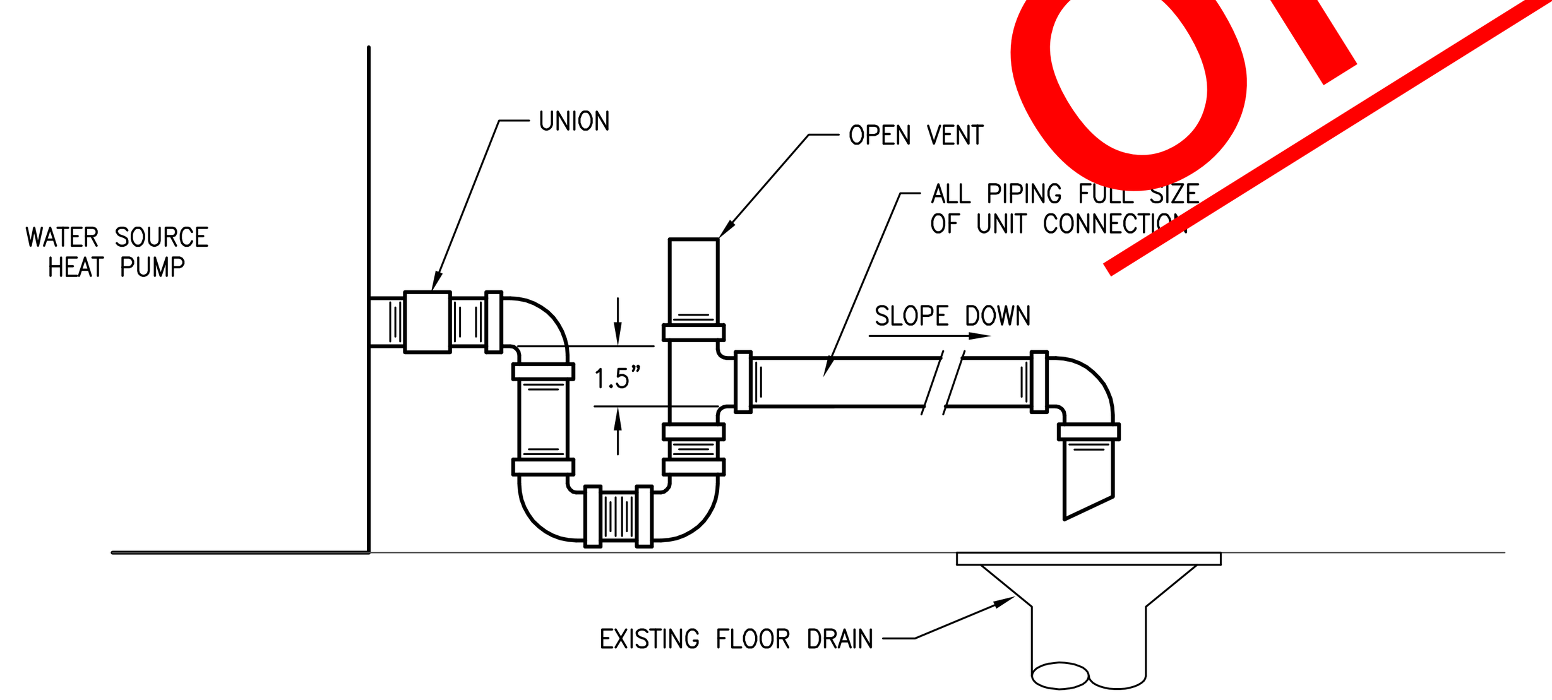
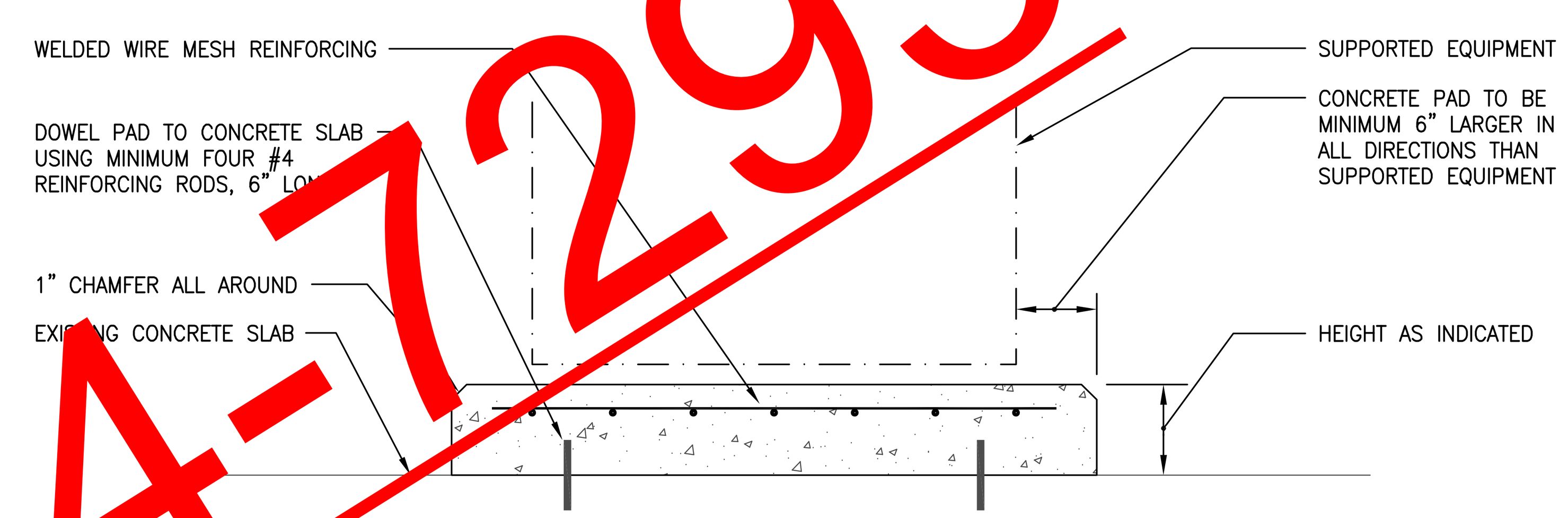


5 / M0.1 AUTOMATIC AIR VENT DETAIL
NO SCALE

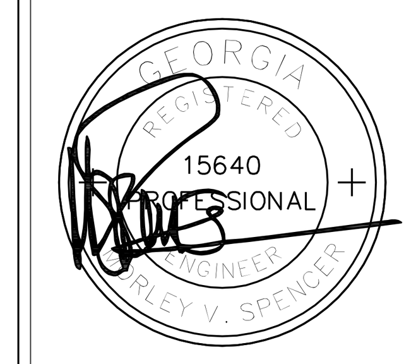


4 / M0.1 CONDENSATE DRAIN CONNECTION
NO SCALE



3 / M0.1 CONCRETE PAD DETAIL
NO SCALE

REVISIONS



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PROPOSED RENOVATIONS
ART LAB
FIRST FLOOR - BUILDING NA
DUNWOODY CAMPUS

OCTOBER 31, 2009
DRAWN BY: SPJ
APPROVED BY: MVS

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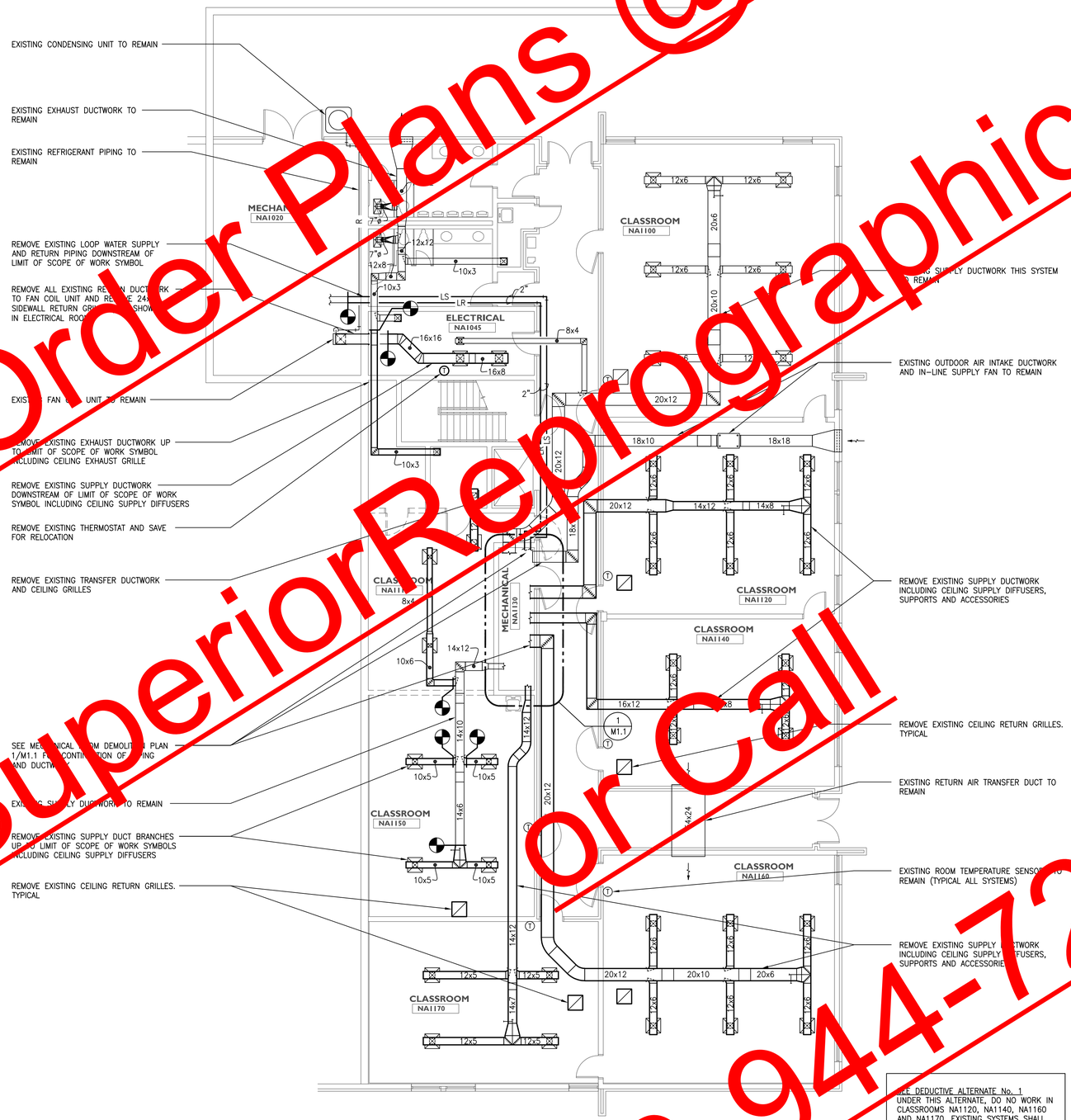

1 M1.0 MECHANICAL FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

ALT DEDUCTIVE ALTERNATE No. 1
UNDER THIS ALTERNATE, DO NO WORK IN CLASSROOMS NA1120, NA1140, NA1160 AND NA1170. EXISTING SYSTEMS SHALL REMAIN AS-IS.

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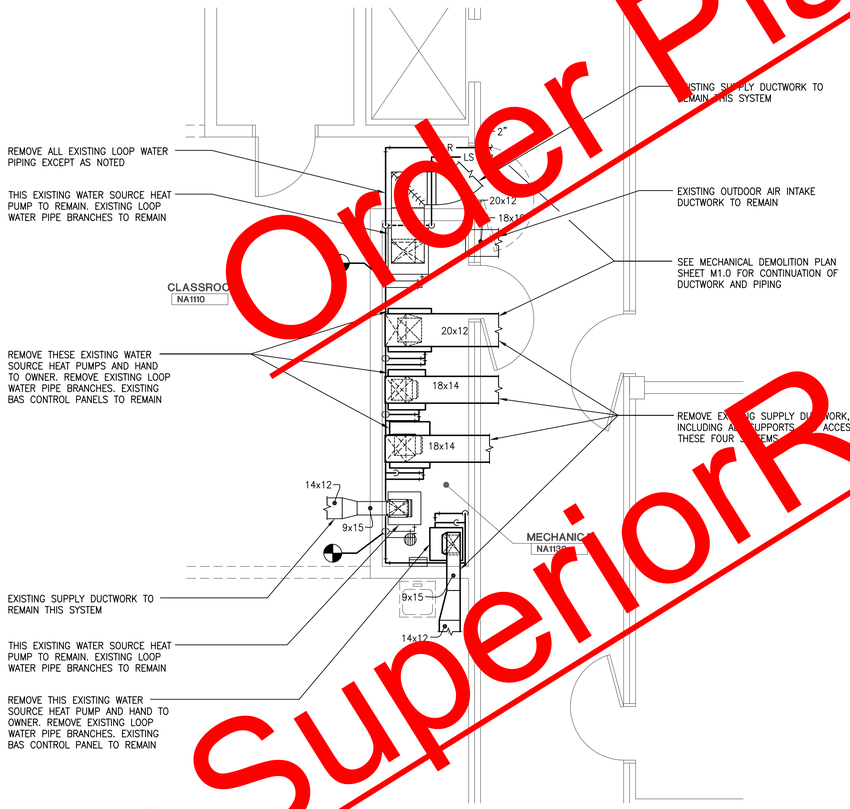
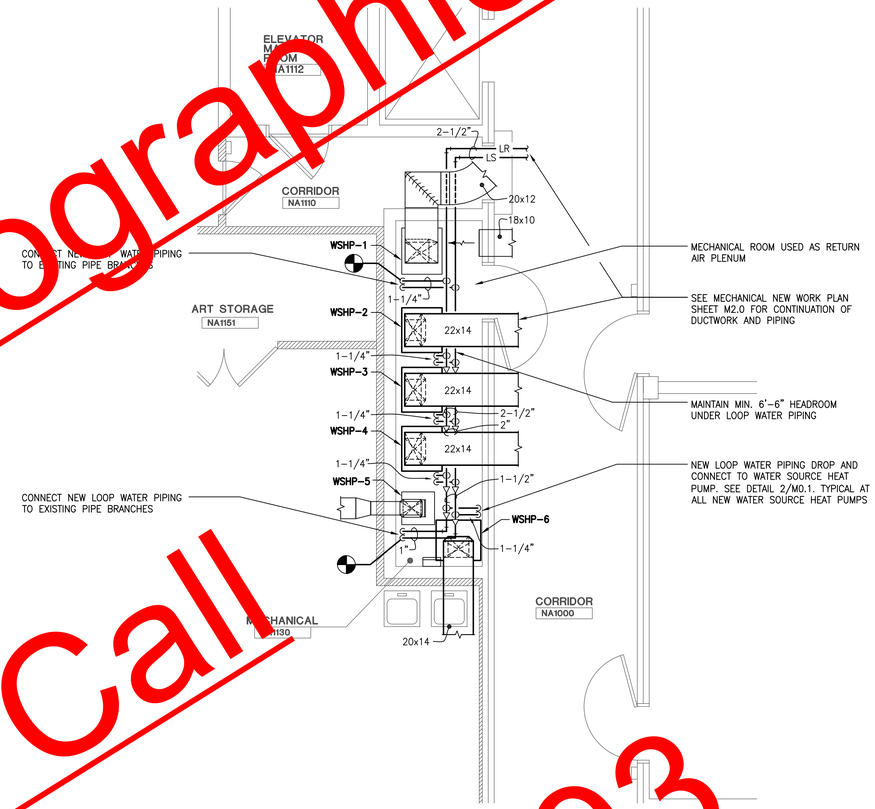


1 M1.1 MECHANICAL ROOM DEMOLITION PLAN
1/4" = 1'-0"



SEE DEDUCTIVE ALTERNATE No. 1 UNDER THIS ALTERNATE ALL EXISTING WATER SOURCE HEAT PUMPS, ALL EXISTING LOOP WATER PIPING AND ALL EXISTING DUCTWORK IN MECHANICAL ROOM SHALL REMAIN AS-IS.

2 M2.0 MECHANICAL ROOM NEW WORK PLAN
1/4" = 1'-0"

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PROPOSED RENOVATIONS
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OCTOBER 31, 2009
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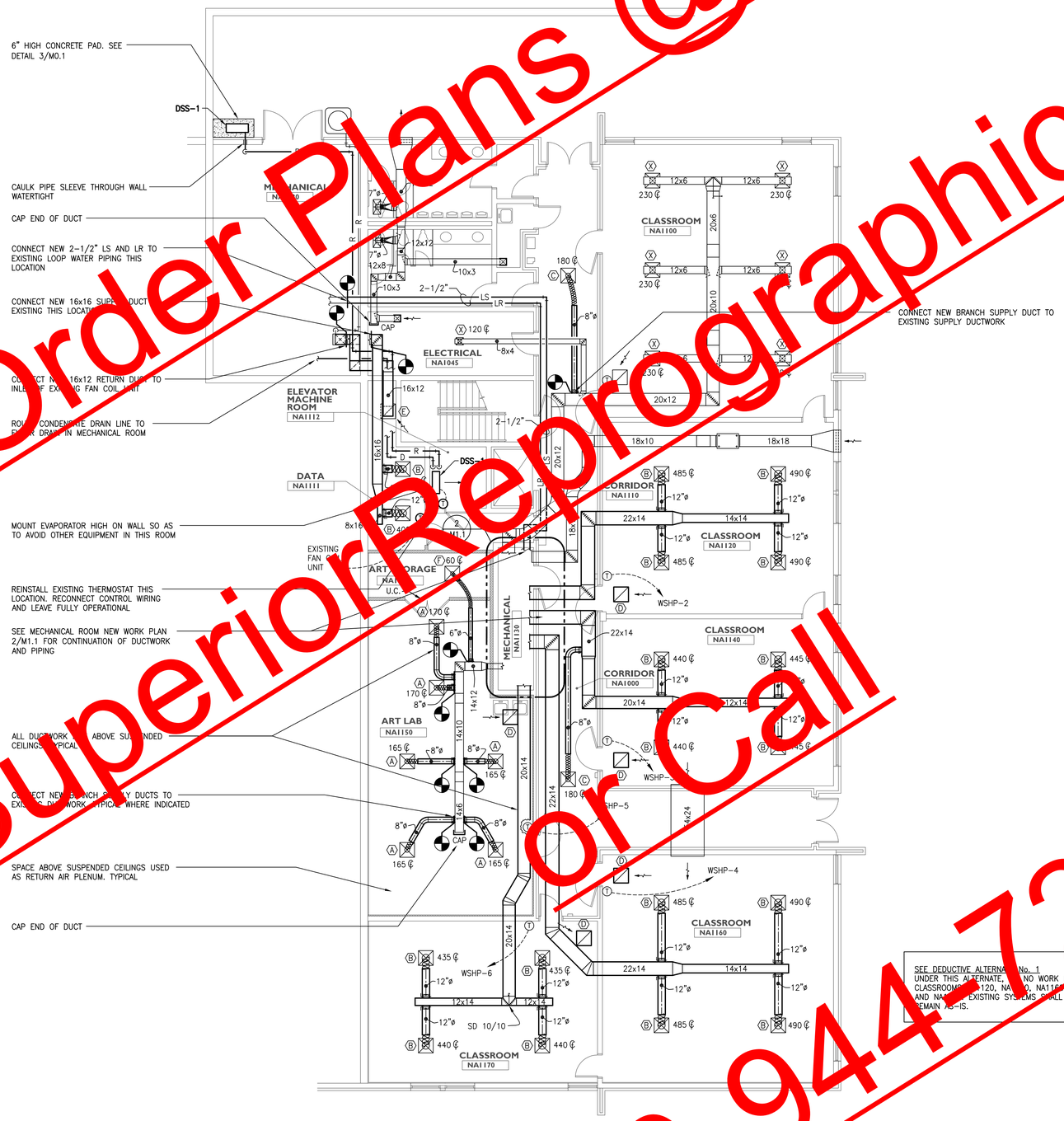
M1.1



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

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PROPOSED RENOVATIONS
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M2.0

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RENOVATION NOTES

WORK INVOLVES NECESSARY INTERFACE WITH AND ALTERATIONS OF, THE EXISTING INSTALLATION, AND THE INSTALLATION OF NEW MATERIALS TO PROVIDE FINISHED WORK AS SHOWN BY THE PLANS. WHETHER OR NOT SHOWN BY THE PLANS, EXISTING MATERIALS SERVING RENOVATION SPACES OR ROUTED THROUGH THE RENOVATION SPACES, BUT NOT INVOLVED IN THE RENOVATION/ ADDITION WORK AND NOT OTHERWISE SPECIFIED OR INDICATED BY THE PLANS FOR REMOVAL, SHALL BE RETAINED WITHOUT CHANGE.

THE EXISTING INSTALLATION IS TO REMAIN IN PLACE AND IN OPERATION, EXCEPT AS OTHERWISE INDICATED OR SPECIFIED. WORK SHALL BE PROVIDED AS 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, BUT ARE TEMPORARILY DISCONNECTED, SHALL BE RECONNECTED AND RESTORED TO THEIR ORIGINAL OPERATING CONDITION.

THE RATINGS, LOCATION AND USAGE OF ANY EXISTING MATERIAL (ELECTRICAL CIRCUIT, ETC.) SHOWN BY THE PLANS OR INVOLVED IN 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 ANY EXISTING CIRCUIT. BEFORE REMOVING ANY EXISTING CIRCUIT, CHECK ALL CONNECTED LOADS TO ASSURE 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.

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 OF 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 WHERE THE BUILDING CONDITIONS PRACTICAL. MATERIALS TO REMAIN IN PLACE WHILE WORK IS IN PROGRESS SHALL BE RECONNECTED 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 CABLES AND 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.

ELECTRICAL LEGEND

Symbol	Description
A–1.3.5	A–1,3,5, ADJACENT TO ARROW INDICATES HOMERUN OF CIRCUITS 1,3,5 TO PANEL A. MARKS ACROSS RACEWAY RUNS INDICATE THE NUMBER OF #12 AWG CONDUCTORS. UNLESS NOTED NO MARKS INDICATE TWO #12 AWG CONDUCTORS. MULTI–WIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH DEDICATED NEUTRALS PER PHASE; DO NOT SHARE NEUTRAL CONDUCTORS. NUMERAL AND LOWER CASE LETTER INDICATES CIRCUIT CONNECTION AND SWITCH LEG DESIGNATION RESPECTIVELY. UPPER CASE LETTER INDICATES FIXTURE TYPE.

NOTES:

1. ALL 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).
3. FINISH COLOR/TYPE OF DEVICES AND DEVICE PLATES; GRAY DEVICES WITH JUMBO STAINLESS STEEL COVER PLATES.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHTING FIXTURES.

Symbol	Description
	RACEWAY INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING.
	RACEWAY INSTALLED CONCEALED BELOW FLOOR, SLAB, OR GRADE.
	FLEXIBLE METALLIC RACEWAY 6' MAXIMUM LENGTH WHERE CONCEALED, 18" MAXIMUM LENGTH WHERE EXPOSED.
	PANELBOARD – FLUSH OR SURFACE MOUNTED, VOLTAGE AS INDICATED IN SCHEDULE.
F	NON–FUSED DISCONNECT SWITCH – RATING/POLES/ENCLOSURE AS INDICATED. (ie.: 30/3/3R).
	MOTOR – SIZE AS INDICATED
"WP"	INDICATES AN WEATHERPROOF ELECTRICAL DEVICE/COVER.
	CEILING OUTLET AND FLUORESCENT 2x4 FIXTURE
	CEILING OUTLET AND FLUORESCENT 2x2 FIXTURE
	CEILING OUTLET AND FLUORESCENT 4'–0" FIXTURE (SHADED INDICATES EMERGENCY FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE FOR EMERGENCY BACK–UP)
	EMERGENCY EGRESS FIXTURE, WITH BATTERY BACKUP. COORDINATE MOUNTING WITH STRUCTURE
$	SINGLE POLE TOGGLE SWITCH – 48" A.F.F.
$OS	OCCUPANCY SENSOR SWITCH – 48" A.F.F.
OS	OCCUPANCY SENSOR – CEILING MOUNTED
$3	THREE–WAY TOGGLE SWITCH – 48" A.F.F.
$$	INDICATES INBOARD/OUTBOARD SWITCHING, UNLESS OTHERWISE INDICATED
	DUPLEX RECEPTACLE – 18" A.F.F. OR AT HEIGHT INDICATED. NEMA–5–20R
	DOUBLE DUPLEX RECEPTACLE – 18" A.F.F. OR AT HEIGHT INDICATED
	DUPLEX 20A GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE – 18" A.F.F., OR AT HEIGHT INDICATED.
	DOUBLE DUPLEX 20A GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE – 18" A.F.F., OR AT HEIGHT INDICATED.
"XX"	DUPLEX 20A RECEPTACLE – XX" A.F.F. AS NOTED ON PLANS.
	SINGLE 20A RECEPTACLE – XX" A.F.F. AS NOTED ON PLANS.
J	JUNCTION BOX – CEILING/WALL/FLOOR MOUNTED.
	CENTER HATCHING INDICATES OUTLETS TO BE INSTALLED ABOVE COUNTER TOPS. INSTALL DEVICES HORIZONTALLY ABOVE COUNTER TOP AND/OR BACKSPLASH, OR AS INDICATED ON ARCHITECTURAL DRAWINGS. COORDINATE ALL LOCATIONS WITH ARCHITECTURAL DETAILS AND ELEVATIONS.
F	FIRE ALARM SYSTEM HORN/STROBE SIGNAL. 80" A.F.F., LOCATE WITHIN 6" OF DOOR FRAME, ALIGN WITH WALL SWITCH, WHERE APPLICABLE. CONNECT TO EXISTING FIRE ALARM SYSTEM
F	FIRE ALARM SYSTEM STROBE–ONLY SIGNAL. 80" A.F.F., LOCATE WITHIN 6" OF DOOR FRAME, ALIGN WITH WALL SWITCH, WHERE APPLICABLE. CONNECT TO EXISTING FIRE ALARM SYSTEM
	GRAPHIC SYMBOL FOR WALL TO REMAIN, UNLESS OTHERWISE NOTED.
	GRAPHIC SYMBOL FOR WALL TO BE DEMOLISHED, UNLESS OTHERWISE NOTED.
DEM	INDICATES DEVICE, FIXTURE, OR EQUIPMENT TO BE DEMOLISHED. REMOVE DEVICE, FIXTURE, OR EQUIPMENT AND ASSOCIATED CIRCUITING BACK TO THE POINT OF CONNECTION TO OTHER CIRCUITRY TO REMAIN.
ETR – OR – EX	INDICATES DEVICE, FIXTURE, OR EQUIPMENT TO REMAIN; MAINTAIN EXISTING CIRCUIT CONNECTION(S).
REL	INDICATES DEVICE, FIXTURE, OR EQUIPMENT TO BE RELOCATED; EXTEND EXISTING CIRCUIT CONNECTION(S) TO NEW LOCATION AS INDICATED.

NOTES: SEE T0.1 FOR ADDITIONAL SYMBOLS RELATED TO LOW–VOLTAGE SYSTEMS.

Lighting Fixture Schedule:

A1: 2X4 PARABOLIC TROFFER, 18–CELL, (3) F32T8/4100K LAMPS WITH DUAL BALLASTS FOR INBOARD/OUTBOARD SWITCHING. LITHONIA 2PM SERIES.

A2: 2X4 PARABOLIC TROFFER, 18–CELL, (3) F32T8/4100K LAMPS WITH SINGLE BALLASTS. LITHONIA 2PM SERIES.

F1: FLUORESCENT STRIP FIXTURE MOUNTED TO GEILING. SUPPORT FROM STRUTURE. (2) F32T8, LITHONIA C–SERIES.

EM: EMERGENCY LIGHTING FIXTURE WITH BATTERY BACKUP, LITHONIA AFFINITY SERIES OR ACCEPTED EQUAL.

T4: 4' 2–CIRCUIT LIGHTING TRACK WITH QUANTITY OF HEADS SHOWN, HEAD: LITHONIA #CFWW–1/26TRT–12–WHP–120, PROVIDE LAMPS CRI >85.

T8: 8' 2–CIRCUIT LIGHTING TRACK WITH QUANTITY OF HEADS SHOWN, HEAD: LITHONIA #CFWW–1/26TRT–12–WHP–120, PROVIDE LAMPS CRI >85.

NOTE: FIXTURES ARE LISTED BY GENERAL DESCRIPTION; MANUFACTURER LISTED IS BASIS OF DESIGN. IN GENERAL, EQUIVALENT FIXTURES OR ACCESSORIES AS MANUFACTURED BY LITHONIA, COOPER, USI, THOMAS, GENLYTE, OR HUBBELL MAY BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ARCHITECT. IN GENERAL, FLUORESCENT LAMPS SHALL BE F32T8/75CRI/4100K AND BALLASTS SHALL BE ADVANCE MARK V WITH A SOUND LEVEL RATING OF "A". UNLESS OTHERWISE SPECIFIED, ALL FINISHES ARE TO BE WHITE. REFER TO GENERAL NOTES ON LIGHTING DRAWINGS FOR ADDITIONAL INFORMATION.

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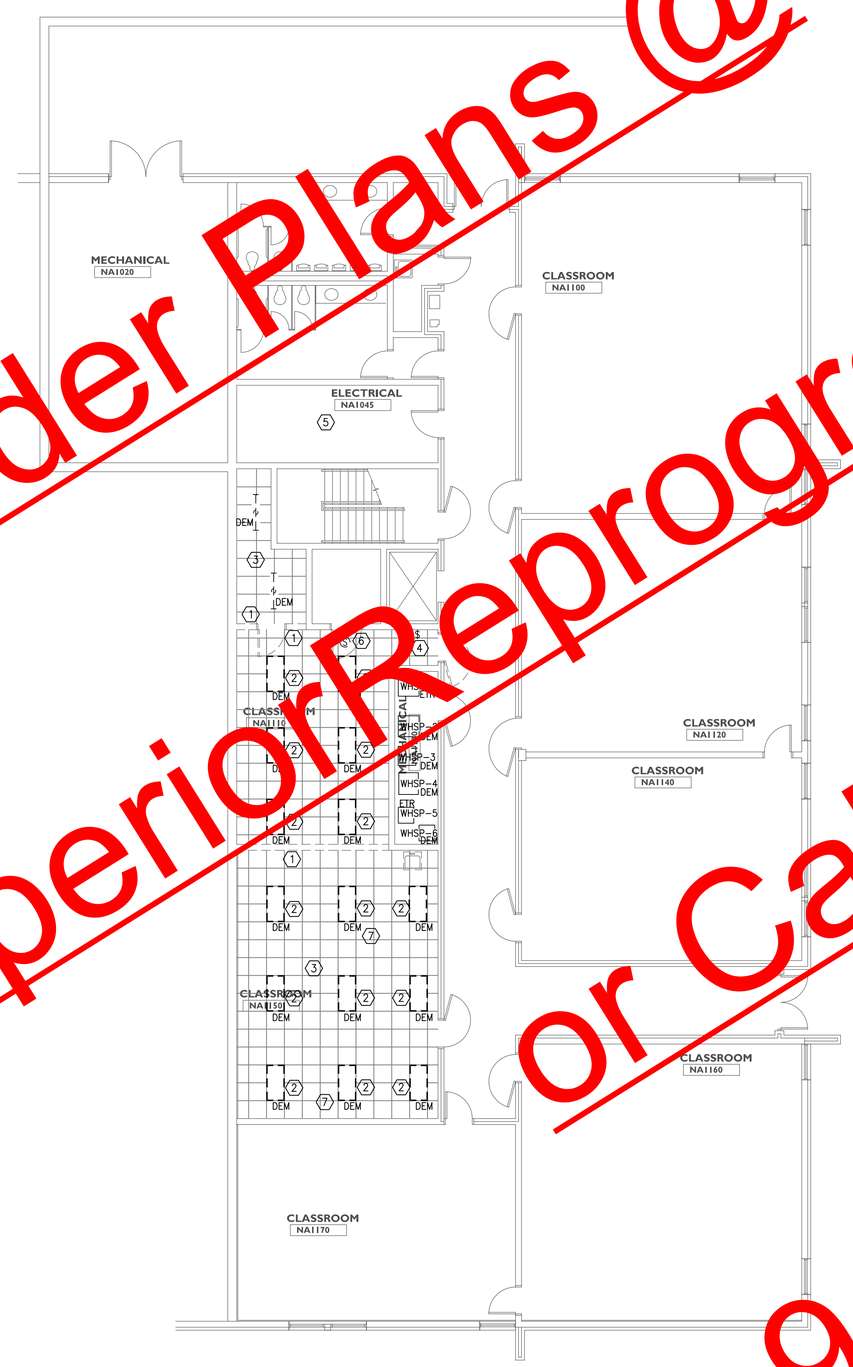
PROPOSED RENOVATIONS
ART LAB
FIRST FLOOR - BUILDING NA
DUNWOODY CAMPUS

OCTOBER 31, 2009
DRAWN BY: CAD
APPROVED BY: DAB

E0.1



1 E1.0 ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"

KEY NOTES:

1. DEMOLISH EXISTING ELECTRICAL AND SYSTEMS DEVICES IN WALL TO BE REMOVED (DASHED GRAPHICS). REFER TO RENOVATION NOTES.
2. DEMOLISH EXISTING FIXTURE RETAIN CIRCUIT FOR REUSE.
3. MAINTAIN EXISTING CIRCUITRY IN THIS ROOM FOR REUSE IN NEW LAYOUT AND SWITCHES.
4. REMOVE EXISTING SWITCH, OUTLET BOX AND WIRING TO ACCESSIBLE JUNCTION BOX.
5. RELOCATE I.T./SECURITY OUT OF EXISTING ELECTRICAL ROOM – SEE T1.0.
6. RELOCATE EXISTING SMOKE DETECTOR TO NEW/REWORKED CEILING.
7. EXISTING PROJECTOR AND SCREEN: EXISTING WIRING AND CONTROLS TO REMAIN.

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E1.0

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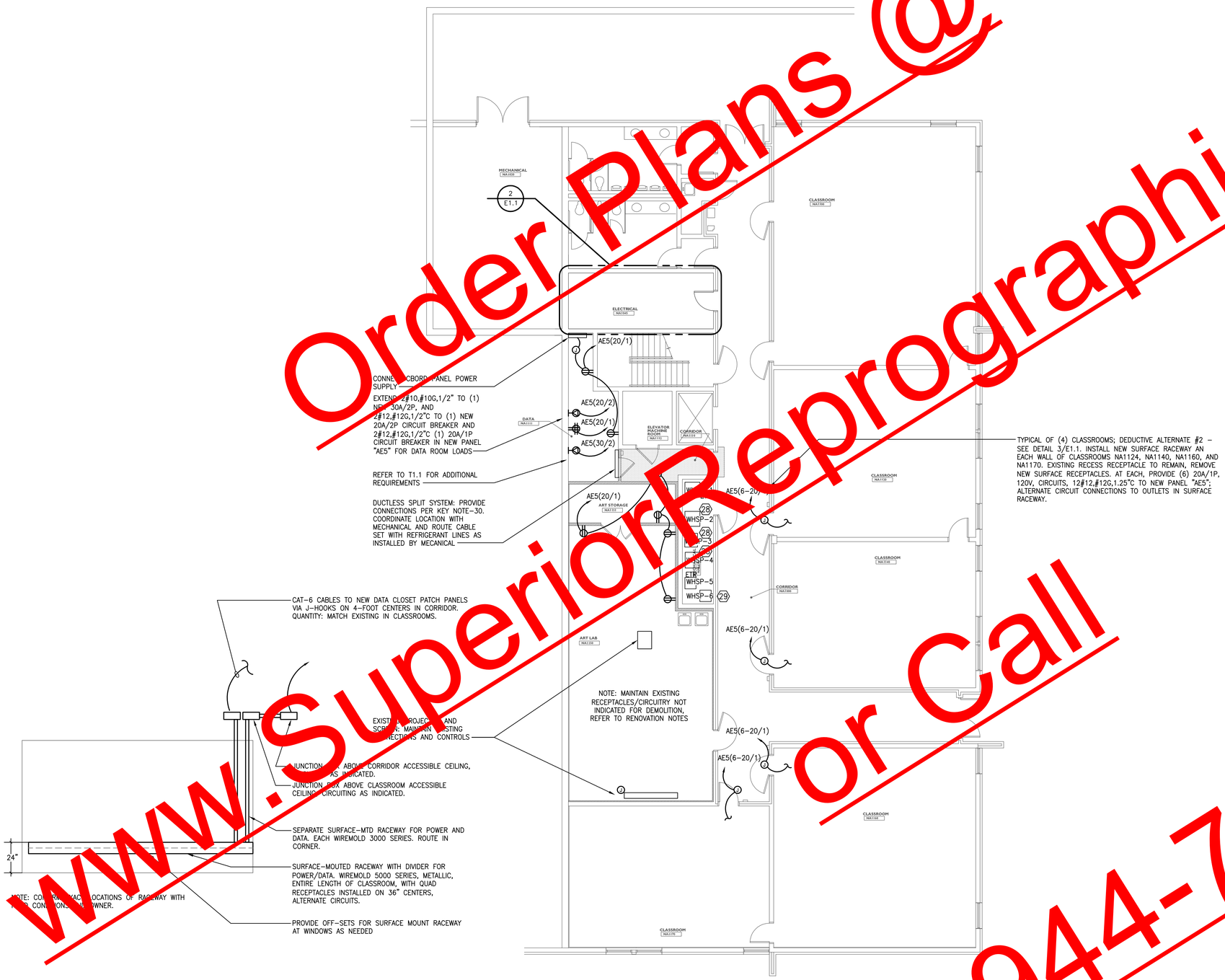
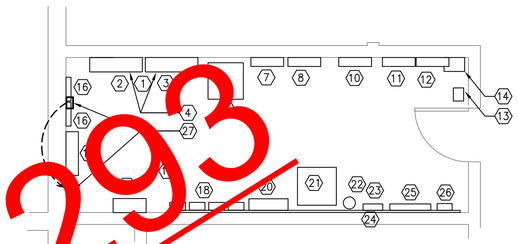


3 E1.1 ELEVATION - TYPICAL CLASSROOM
SCHEMATIC

1 E1.1 FLOOR PLAN - POWER
1/8" = 1'-0"

KEY NOTES:

1. MDPC - WESTINGHOUSE, 600A, 480/277V.
2. MDPC LEFT - 600A MCB: (2)100A/3P (TRANSFORMER HD), [illegible] (1)[illegible]3P, (1) 60A/2 (ELEVATOR), (1)250A/2P; (6) POLE SPACES.
3. MDPC RIGHT - 600A MCB: (3)30A/1P, (6)20A/[illegible]50A/2P; (6) POLE SPACES.
4. EXISTING UNDERGROUND CONDUITS.
5. 75KVA TRANSFORMER.
6. [illegible] SERVICE #2.
7. PANEL "AE3" - SQUARE-D, NQOD, 225A MCB, 208/120V: [illegible]P (W[illegible]1)70A/2P (SECURITY BUILDING), (1) 20A/2P (POND); (34)20A/1P; (1) 10[illegible]3P SUBFEED TO SECTION-B/AE4.
8. PANEL "AE4" - SQUARE-D, NQOD, 225A MLO, 208/120V: [illegible]20A/1P; (3) 30A/2P, (1) 100A/3P.
9. PARKING LOT LIGHTING CONTROLS.
10. PANEL "HC", WESTINGHOUSE 100A, 480/277V: (13)20A/1P, (1)20A/3P TRASH COMPACTOR, (3)20A/2P PARKING LOT LIGHTING, (1)30A/2P EXISTING BLUE PHONE TRANSFORMER - INSTALL CONDUIT SEAL-OFFS ON UNDERGROUND CONDUITS, ABOVE EXISTING TAPS.
11. OLD SIMPLEX PANEL - SEE T1.1.
12. FIRE ALARM PANEL: SILENT KNIGHT 5104 FA.
13. CONTROL COMMUNICATORS, NAPCO SECURITY SYSTEMS.
14. BOX WITH (2) CONDUITS LEAKING WATER - SEE T1.1.
15. FCI 7200 FACP
16. FCI 7200 SNAC-4 N.A.C. POWER MODULE.
17. BOX WITH BROADBAND/COAX CONNECTIONS - SEE T1.1.
18. CONTACTORS AND SHELF FOR BROADBAND, THERMOSTAT.
19. (2)4" ABOVE WITH INCOMING FIBER OPTIC CABLE, COPPER VOICE CABLE, ETC. FROM BUILDING N.E. - SEE T1.1
20. FROM TOP-TO-BOTTOM: (1)AMP FIBER OPTIC TERMINAL BOX; SMALL KELE BOX WITH A V-1000R AND A V200 (JUST ONE INPUT); PLUG STRIPS AND UPS OUTLETS. RELOCATE SECURITY ITEMS PER T1.1.
21. DATA RACK - SEE T1.1.
22. RAIN BUCKET WITH PIPE TO OUTSIDE.
23. (2)4"C FROM UNDERGROUND, CAPPED, PIPED TO BUCKET; ONE EMPTY; ONE WITH ORIGINAL SOUTHERN BELL CABLE - SEE T1.1.
24. CIRCA PRIMARY PROTECTION BOX - SEE T1.1.
25. (12) 110-BLOCKS - WESTERN ELECTRIC - SEE T1.1.
26. SOUTHERN BELL SIGNAL CIRCUIT PROTECTOR - SEE T1.1.
27. ADD SUB-PANEL "AE5", 208Y/120V, 3PH,4W, 10KAIC, 125A MCB, 42-POLE WITH THE FOLLOWING CIRCUIT BREAKERS: (1) 20A/2P, (1) 30A/2P, (38) 20A/1P. FEED FROM SECONDARY OF EXISTING TRANSFORMER, WITH 4#1,#6G,1.5"C.
28. AS PART OF DEDUCTIVE ALTERNATE #1: PROVIDE 60/3/N1/NF DISCONNECT AND CONNECTIONS TO UNIT PER SPECIFICATIONS, EXTEND 3#8,#8G,1" TO EXISTING PANEL AND REPLACE EXISTING CIRCUIT BREAKER WITH A 50A/3P TO MATCH EXISTING CIRCUIT BREAKERS.
29. AS PART OF DEDUCTIVE ALTERNATE #1: PROVIDE 60/3/N1/NF DISCONNECT AND CONNECTIONS TO UNIT PER SPECIFICATIONS, EXTEND 3#10,#10G,1/2" TO EXISTING PANEL AND REPLACE EXISTING CIRCUIT BREAKER WITH A 35A/3P TO MATCH EXISTING CIRCUIT BREAKERS.
30. PROVIDE 30/2/N3R/20AF DISCONNECT AND CONNECTIONS TO OUTDOOR UNIT PER SPECIFICATIONS, EXTEND 2#10,#10G,1/2" TO NEW PANEL "AE5", AND PROVIDE NEW CIRCUIT BREAKER WITH A 25A/2P TO MATCH EXISTING CIRCUIT BREAKERS. INSTALL CONNECTION CABLE PROVIDED AND INSTALL LOCAL DISCONNECT AT INDOOR UNIT PER N.E.C.



1 E1.1 PART PLAN - ELECTRICAL ROOM
1/4" = 1'-0"

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ART LAB
FIRST FLOOR - BUILDING NA
DUNWOODY CAMPUS

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DRAWN BY: CAD
APPROVED BY: DAB

E1.1

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1 E2.1 FLOOR PLAN - LIGHTING
1/8" = 1'-0"

KEY NOTES:

1. REWORK EXISTING CIRCUITRY IN THIS AREA AS REQUIRED TO PROVIDE CONNECTION TO EXISTING LIGHTING CIRCUIT VIA SWITCHING INDICATED.
2. PROVIDE CONNECTION TO EXISTING CORRIDOR LIGHTING CIRCUIT.
3. PROVIDE (2) 20A/1P CIRCUITS FROM EACH LIGHTING JUNCTION BOX, 2#12,#12G,1/2"C TO NEW 20A/1P CIRCUIT BREAKERS IN NEW PANEL "AE5", VIA (4) NEW WALL SWITCHES (a,b,c, AND d).
4. PROVIDE CONNECTION TO UNSWITCHED CONDUCTOR OF LIGHTING CIRCUIT SERVING THIS AREA.
5. PROVIDE CONNECTION TO EXISTING CLASSROOM LIGHTING CIRCUIT.

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E2.1

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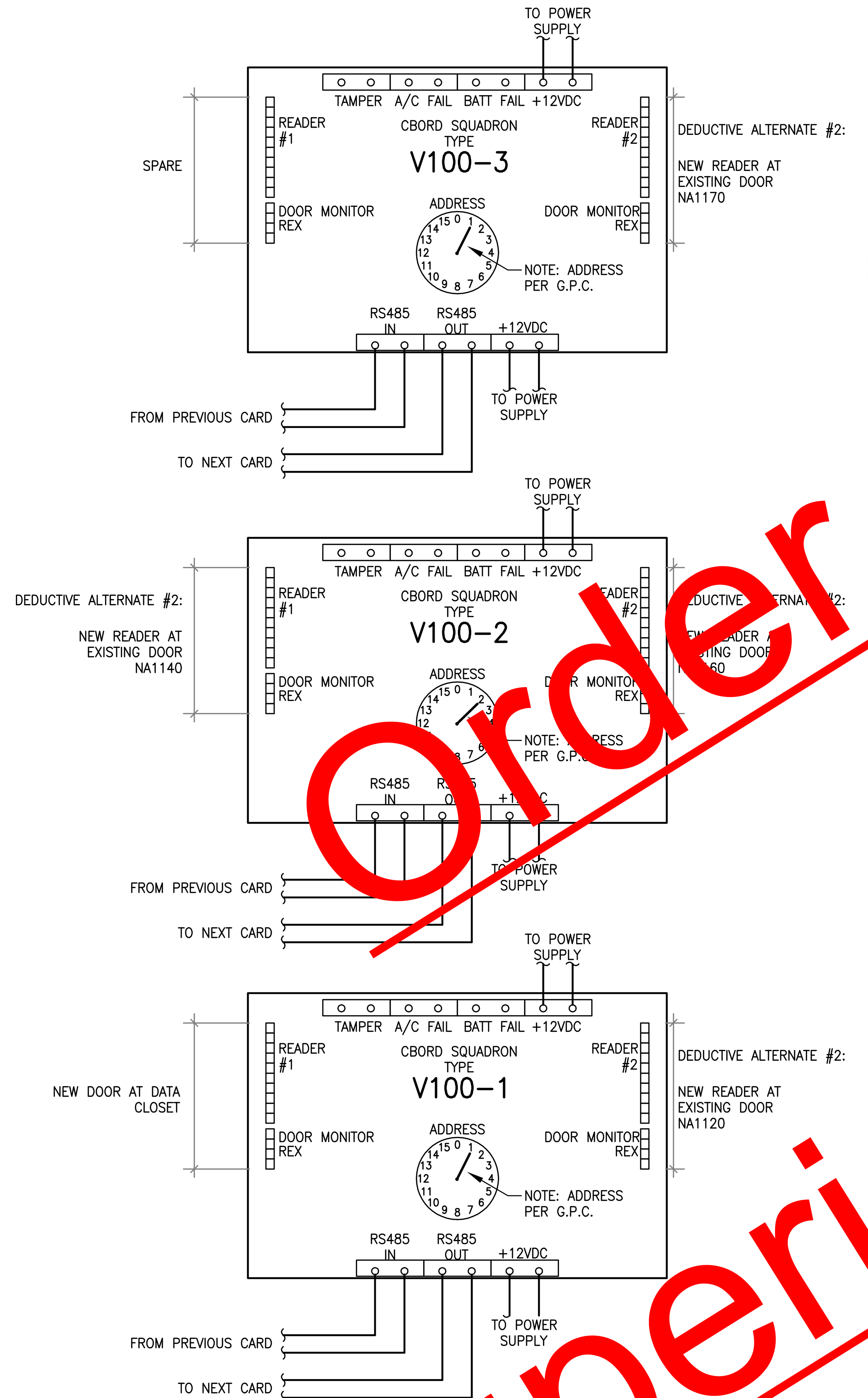
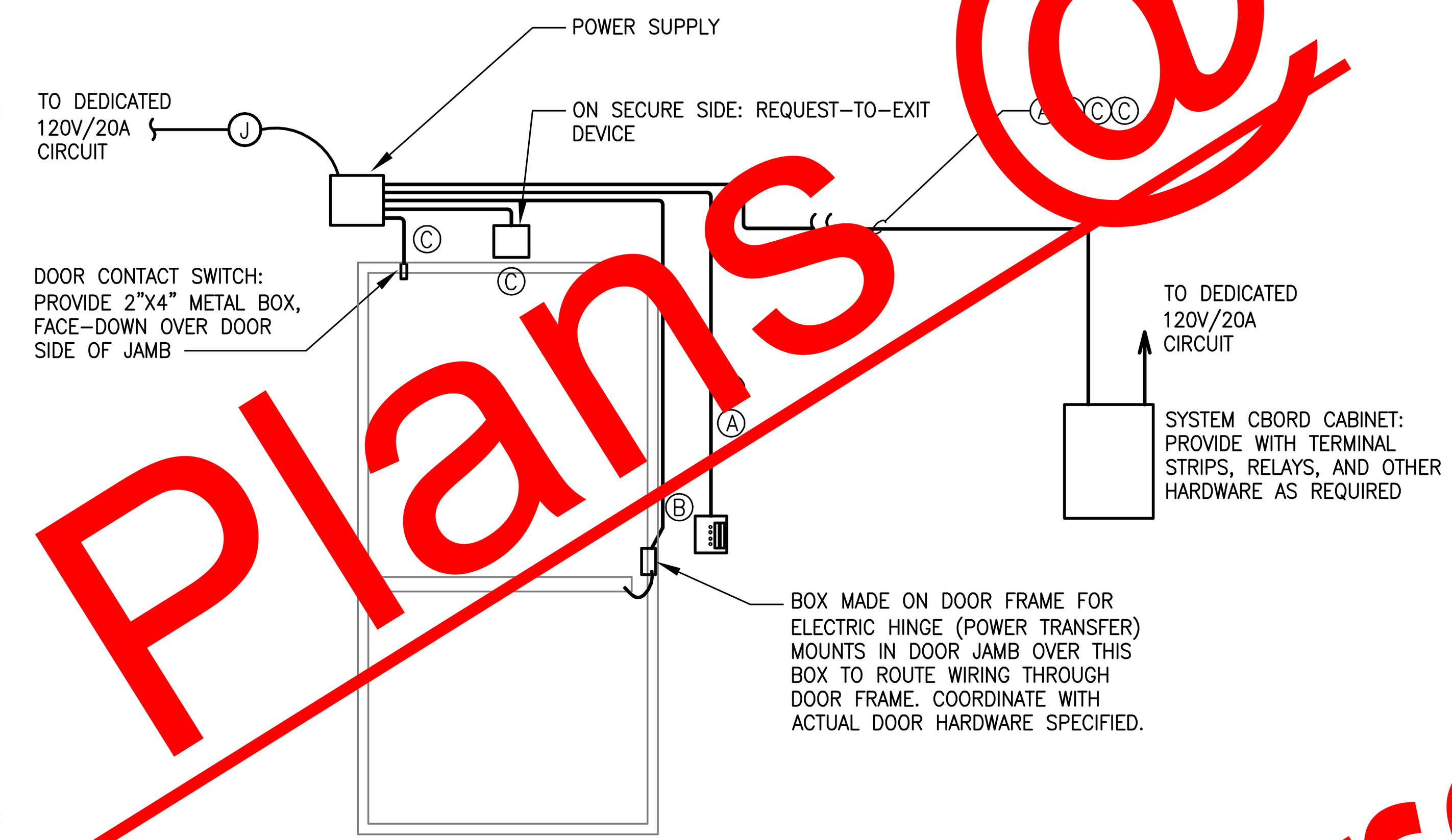




SYSTEMS LEGEND

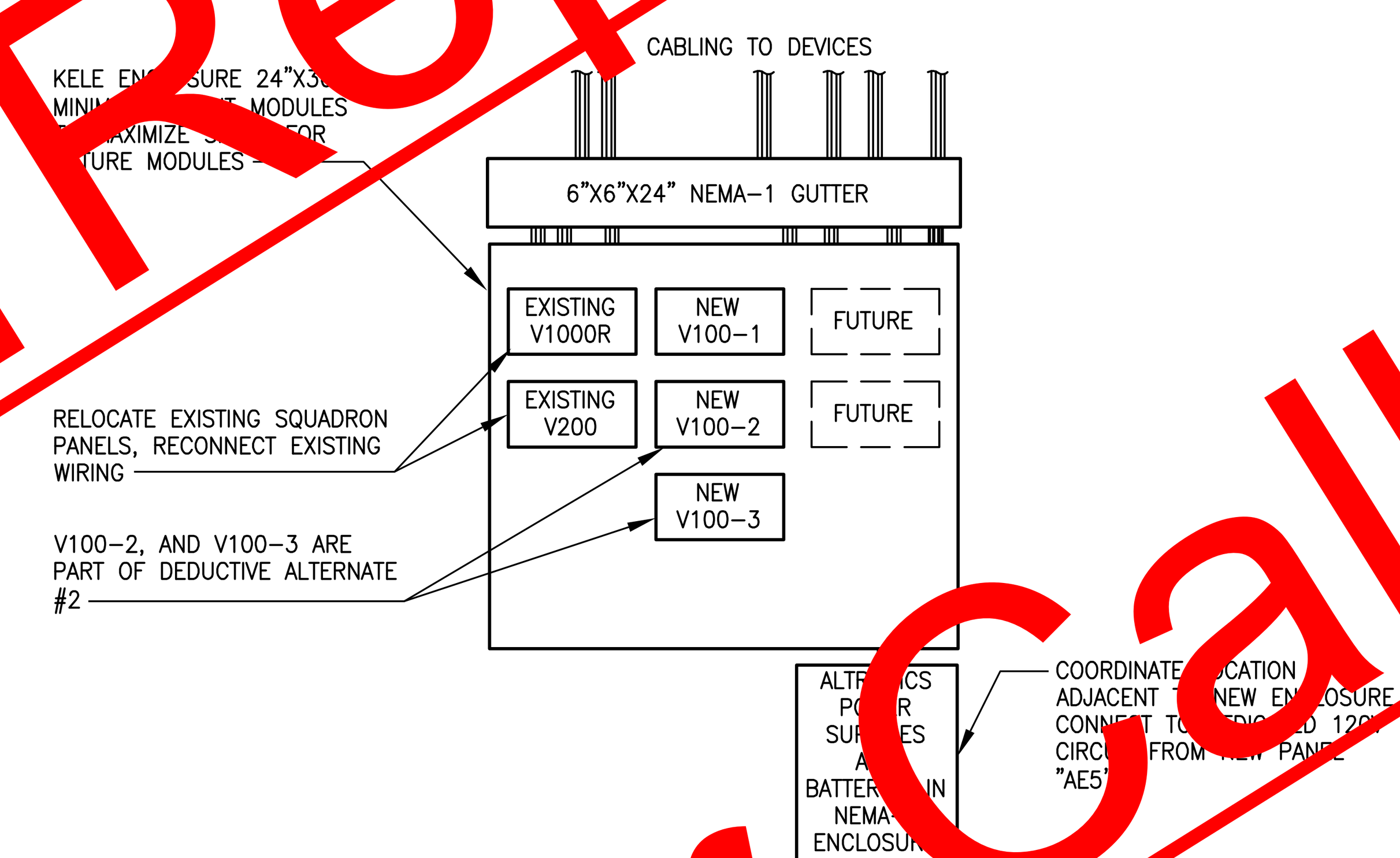
	RECESSED/FLUSH FLOOR BOX WITH UTILITIES INDICATED. FLUSH MOUNTED BOX, OR USE OF EXISTING FLOOR BOXES – REFER TO NOTES ON DRAWINGS OR SPECIFICATIONS.
	VOICE/DATA OUTLET 18" A.F.F. 4"x4" BOX, PLASTER RING, AND 1" CONDUIT FROM OUTLET TO ACCESSIBLE CEILING, HOMERUN CABLING TO NEAREST DATA CLOSET. "X" INDICATES QUANTITY OF CONNECTIONS/CABLES PER OUTLET.
	VOICE/DATA OUTLET CEILING MOUNTED – 4"x4" BOX, PLASTER RING, AND 1" CONDUIT FROM OUTLET TO ACCESSIBLE CEILING, HOMERUN CABLING TO NEAREST DATA CLOSET. "X" INDICATES QUANTITY OF CONNECTIONS/CABLES PER OUTLET.
	DATA OUTLET FOR AUDIO-VISUAL DEVICE, (1) GREEN CAT.5E CABLE TO DEDICATED PATCH PANEL, MOUNTING HEIGHT BASE ON L.C.D. SCREEN OR OTHER – CONFIRM PRIOR TO ROUGH-IN.
	BACKBOARD 3/4" X 8' X 8' FIRE-RETARDANT PLYWOOD, UNLESS NOTED.
FACP	EXISTING EST #LS4100 FIRE ALARM CONTROL PANEL.
	FIRE ALARM SYSTEM SMOKE DETECTOR
	FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR – REFER TO MECH FOR EXACT LOCATIONS.
	FIRE ALARM SYSTEM MANUAL PULL STATION.
	FIRE ALARM SYSTEM HORN/STROBE SIGNAL. 80" A.F.F., LOCATE WITHIN 6" OF DOOR FRAME, ALIGN WITH WALL SWITCH, WHERE APPLICABLE. ("SS" INDICATES SPEAKER/STROBE IN LIEU OF HORN/STROBE)
	FIRE ALARM CEILING MOUNTED SPEAKER/STROBE.
	FIRE ALARM SYSTEM STROBE-ONLY SIGNAL. 80" A.F.F., LOCATE WITHIN 6" OF DOOR FRAME, ALIGN WITH WALL SWITCH, WHERE APPLICABLE.
CR	ACCESS CONTROL SYSTEM INTERIOR CARD READER, BACKBOX, R.E.X. DEVICE, CONNECTION TO DOOR STRIKE, DOOR CONTACT, WIRING TO SECURITY PANEL.
CRX	ACCESS CONTROL SYSTEM EXTERIOR CARD READER, BACKBOX, RAIN SHIELD, R.E.X. DEVICE, CONNECTION TO DOOR STRIKE, DOOR CONTACT, WIRING TO SECURITY PANEL.
MS	INTRUSION DETECTION SYSTEM MOTION SENSOR – 360-DEGREE, CEILING MOUNTED.
MS	INTRUSION DETECTION SYSTEM MOTION SENSOR – LONG RANGE DIRECTIONAL, CEILING MOUNTED.

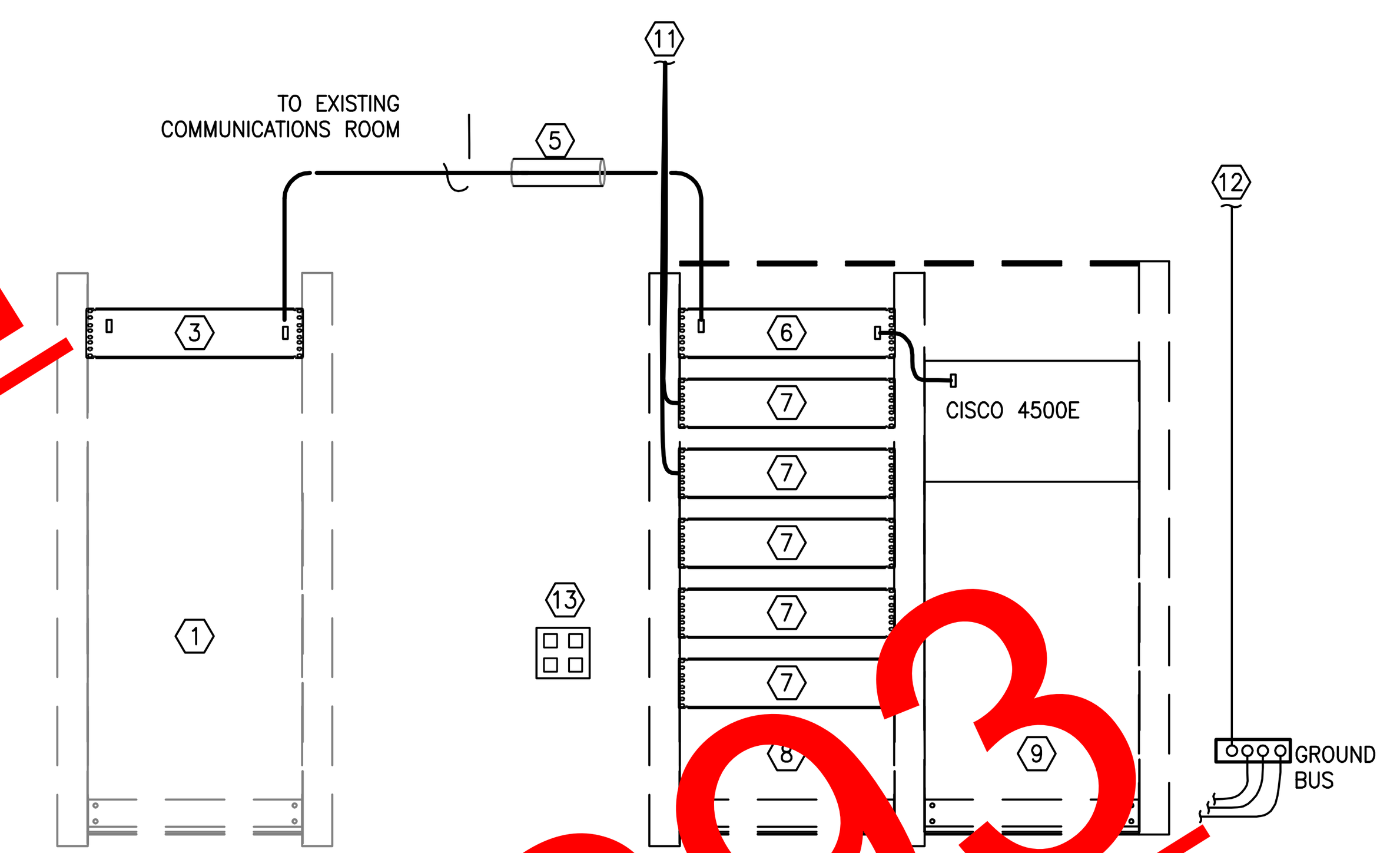
DOOR ACCESS SYSTEM CABLING SCHEDULE

(A) FOR TYPE MR5 INTERIOR READER: 6/C #22AWG, SHIELDED, WITH DRAIN, BELDEN 6504FE. FOR TYPE A2005 EXTERIOR READER: 4 UTP, #22AWG, BELDEN 82...

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

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





EXISTING COMMUNICATIONS RACKS **NEW COMMUNICATIONS RACKS**

SECURITY SYSTEM:

COMPONENTS, PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES REQUIRED TO COMPLETE ALL WORK INDICATED. SYSTEM COMPONENTS INCLUDE CONTROL EXISTING AND NEW PANELS, LOGIC MODULES, DOOR LOCKS, DOOR CONTROLS, ACCESS CONTROL, ADA ENTRY INTERFACE, PANEL BAR REQ-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&MMANUALS AS BASIS FOR TRAINING. PROVIDE SYSTEM WARRANTY (COMPONENTS AND LABOR) OF 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 ACCEPTABLE.

PROVIDE ALL CONDUIT, WIRING, ROUGH-INS, OUTLET BOXES, ETC. FOR THE COMPLETE INSTALLATION. DO NOT SPLICE 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 MAY BE INSTALLED ON J-HOOK SYSTEM WHERE ABOVE ACCESSIBLE CEILINGS ONLY; OTHERWISE, PROVIDE CONDUIT PATHS, 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, EXPAND EXISTING CONTROL

DESCRIPTION OF NEW COMPONENTS	PART NUMBER
ENCLOSURE	MANUFACTURER: KELE, DARK BLUE, BACK PLATE, FAN, PANDUIT, RET SERIES 26" X 38" EACH.
SUPPLY FOR STRIKES	ALTRONIX 12/24VDC, 2.5 AMP
POWER SUPPLY FOR PANELS/READERS	ALTRONIX 12/24VDC, 4 AMP
BATTERY BACKUP	FIAMM OR EQUAL – PROVIDE 12V, 7 AMP-HOUR BATTERY PLANT.
SWIPE READER	MR-5, TK2, 12V, GRAY, MOUNTING BRACKET, SECURITY SCREW, PIGTAIL, ELECTRICAL GREASE, 10K RESISTOR, 3ACSGR6722205000
DOOR CONTACT SWITCH	FLAIR SECURITY PRODUCTS DIVISION, VIP48 WITH RARE EARTH MAGNET, 1" GAP, CC, 0.75" D X 0.90" LENGTH,
REQUEST-TO-EXIT DEVICE	VISIONIC LTD, MODEL SPY RTE-A (USE WALL MOUNT TYPE D150 UNIT AT ROOMS WITH NO SUSPENDED CEILINGS
POWER DISTRIBUTION BLOCK	ALTRONIX, FUSED DISTRIBUTION BLOCK, ONE PORT PER POWER SUPPLY (8MIN.)
CBORD SQUADRON NETWORK MASTER	V1000 – 3ACSGR6730042000
CBORD SQUADRON DOOR EXPANSION	V100 – 3ACSGR6730029000
CBORD SQUADRON INPUT PANEL	V200 – 3ACSGR6730030000
CBORD SQUADRON OUTPUT PANEL	V300 – 3ACSGR6730031000

COMMUNICATIONS SYSTEM KEY NOTES:

1. EXISTING RACK IN EXISTING ELECTRICAL ROOM TO REMAIN, CUT-OVER AS PART OF FUTURE PROJECT.
2. NOT USED
3. NEW FIBER PATCH PANEL IN EXISTING ROOM.
4. LABEL WALL JACKS TO MATCH PATCH PANEL PORT LABELING: 1A1, 1A2, ... 1A48, 1B1, 1B2, 1B48, ETC.
5. LADDER RACK AT NEW I.T. ROOM – SEE DRAWING PART PLAN.
6. NEW FIBER OPTIC PATCH PANEL, CORNING CABLE SYSTEMS, SUITABLE FOR TERMINATION OF 24-STRAND FIBER OPTIC CABLE, AND 24-STRAND, MULTI-MODE 62.5/125MICRON FIBER, SC CONNECTORS.
7. NEW 48-PORT STANDARD-DENSITY PATCH PANEL, HORIZONTAL WIRE MANAGEMENT ABOVE AND BELOW PATCH PANEL. PROVIDE QUANTITIES OF PANELS NEEDED TO SUPPORT NEW OUTLETS, MINIMUM ...
8. NEW RELAY RACK, 24WIDE, ... BOLT SECURED TO ... WIRE, MANAGEMENT BOTH SIDES.
9. NEW A.P.C. RACK WITH UPS AND CISCO CATALYST 4500E, FURNISHED AND INSTALLED BY OWNER.
10. FIBER OPTIC CONNECTION TO ... ELECTRONICS BY OWNER.
11. CATEGORY ... DATA CABLES TO WORKSTATIONS – REFER TO DRAWINGS FOR LOCATIONS. IN ADDITION TO OUTLETS SHOWN ON FLOOR PLANS, TERMINATE IN PATCH PANELS AT NEW AND EXISTING ROOMS.
12. GROUND BUS – SEE DETAIL 3/T1.1 – EXTEND #3/0 CU IN 1: PVC TO MAIN SERVICE EQUIPMENT GROUND; EXTEND #6 CU TO NEW RACKS, BOND ALL COMPONENTS OF LADDER RACK.

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PROPOSED RENOVATIONS
ART LAB
FIRST FLOOR - BUILDING NA
DUNWOODY CAMPUS

OCTOBER 31, 2009
DRAWN BY: CAD
APPROVED BY: DAB

T0.1

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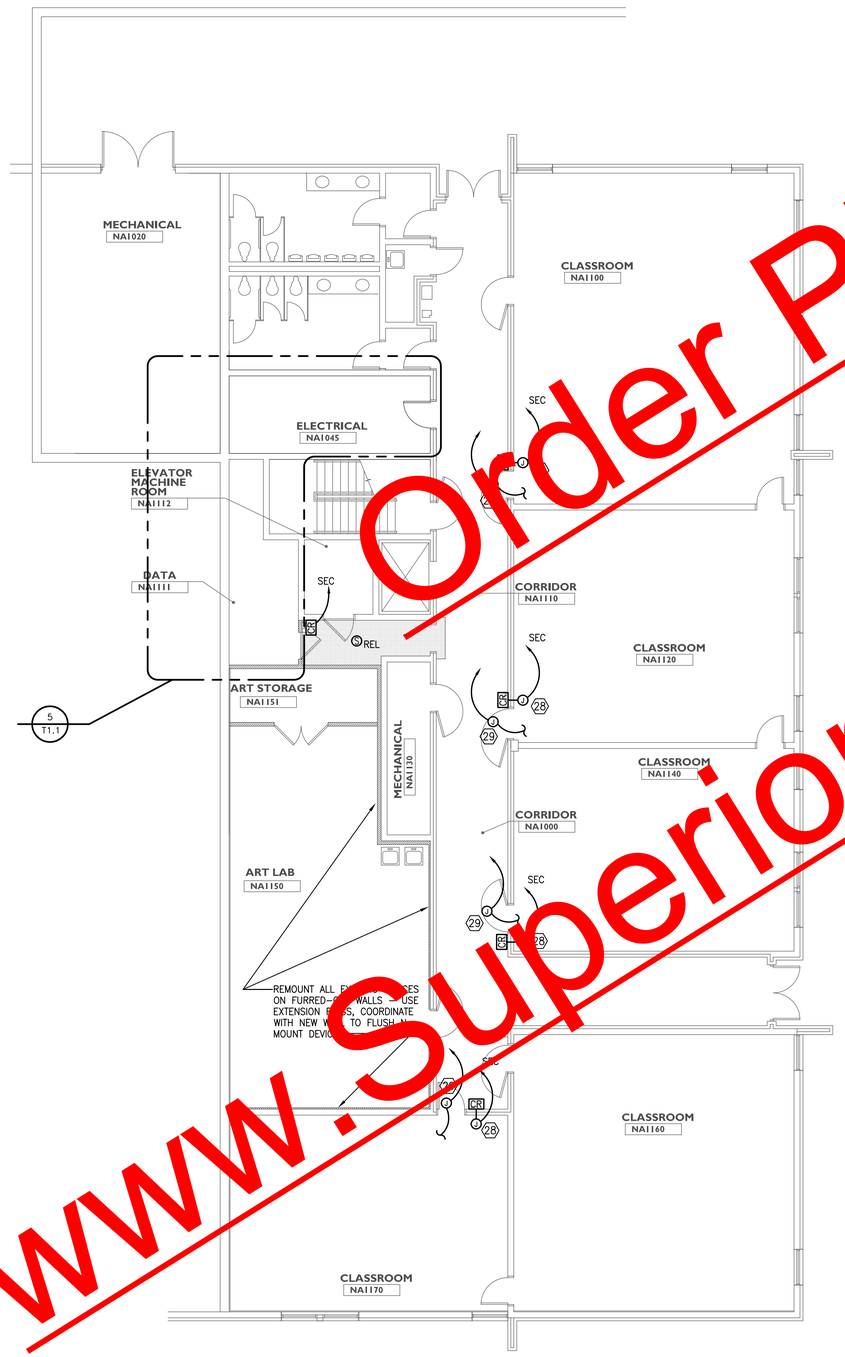
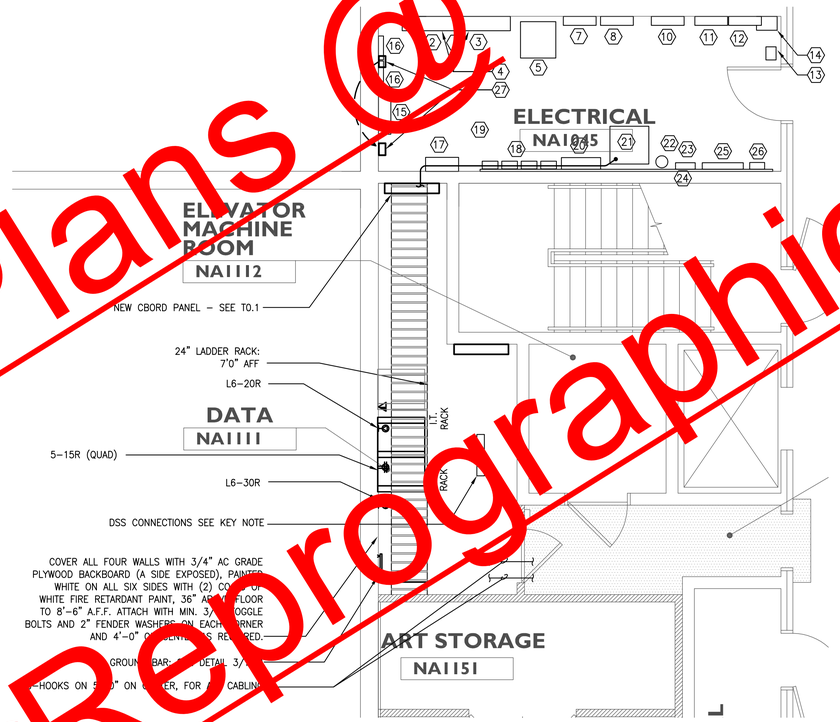


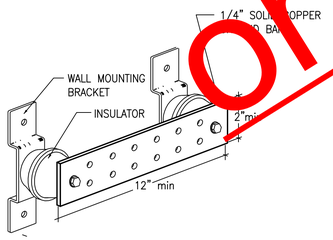
1 T1.1 FLOOR PLAN - SYSTEMS
1/8" = 1'-0"



5 T1.1 PART PLAN - DATA CLOSET
1/4" = 1'-0"

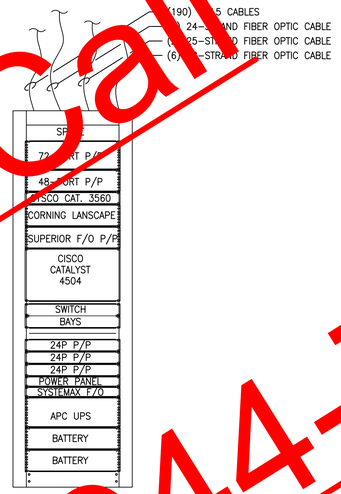
KEY NOTES

1. MDPC – WESTINGHOUSE, 600A, 480/277V.
2. MDPC LEFT – 600A MAIN BREAKER; (2)100A/3P (TRANSFER INTERLOCKED) (1) 50A/3P, (1)30A/3P, (1) 60A/2 (ELEVATOR), (1)250A/2P; (6) POLE SPACES.
3. MDPC RIGHT – 600A MCB; (3)30A/1P, (6)20A/1P, (1)250A/3P; (6) POLE SPACES.
4. [illegible] UNDERGROUND CONDUITS.
5. 75KVA TRANSFORMER.
6. [illegible]SW FOR SERVICE #2.
7. PANEL "AE3" – SEE E1.1
8. PANEL "AE4" – SEE E1.1
9. PARKING LOT LIGHTING CONTROLS.
10. PANEL "HC", WESTINGHOUSE 100A, 480/277V: SEE E1.1.
11. OLD SIMPLEX PANEL – NOW USED AS PULLBOX. (2) CONDUITS UNDERGROUND NOT IN USE, STANDING WATER – CUT OFF CONDUITS AT FLOOR, FILL WITH CONCRETE.
12. FIRE ALARM PANEL: SILENT KNIGHT 5104 FA.
13. CONTROL COMMUNICATORS, NAPCO SECURITY SYSTEMS.
14. BOX WITH (2) CONDUITS LEAKING WATER – ONE CONTAINS ACTIVE FIBER OPTIC CABLE TO REMAIN; UN-USED CONDUIT – CUT OFF AT FLOOR AND FILL WITH CONCRETE.
15. FCI 7200 FACP
16. FCI 7200 SNAC-4 N.A.C. POWER MODULE.
17. BOX WITH BROADBAND/COAX CONNECTIONS – ACTIVE CONDUITS AT TOP; (1) OF (2) ACTIVE CONDUITS AT BOTTOM. EXTENSION OF CABLES TO NEW DATA CLOSET BY FUTURE PROJECT.
18. CONTACTORS AND SHELF FOR BROADBAND, THERMOSTAT.
19. (2)4" ABOVE WITH INCOMING FIBER OPTIC CABLE, COPPER VOICE CABLE, ETC. FROM BUILDING N.E. – EXTENSION OF CABLES TO NEW DATA CLOSET BY FUTURE PROJECT.
20. FROM TOP-TO-BOTTOM: (1)AMP FIBER OPTIC TERMINAL BOX; SMALL KELE BOX WITH SQUADRON PANELS. V-1000R AND A V200 (ONE INPUT); PLUG STRIPS AND UPS OUTLETS. RELOCATE SECURITY ITEMS – SEE T0.1.
21. DATA RACK – SEE 4/T1.1. EXTEND NEW FIBER OPTIC CABLE TO NEW RACK TO.1.
22. RAIN BUCKET WITH PIPE TO OUTSIDE.
23. (2)4"C FROM UNDERGROUND, CAPPED, PIPED TO BUCKET; ONE EMPTY; ONE WITH ORIGINAL SOUTHERN BELL CABLE – SEE T1.1. UTILIZE TELEPHONY CONSULTANT IDENTIFIED BY G.P.C. (CHARLIE BROWN) TO DETERMINE ACTIVE LINES; REMOVE ALL INACTIVE LINES AND EQUIPMENT.
24. CIRCA PRIMARY PROTECTION BOX – WITH 25/24 CU TO BUILDING N.E. – EXTENSION OF CABLES TO NEW DATA CLOSET BY FUTURE PROJECT.
25. (12) 110-BLOCKS – WESTERN ELECTRIC – UTILIZE TELEPHONY CONSULTANT IDENTIFIED BY G.P.C. (CHARLIE BROWN) TO DETERMINE ACTIVE LINES; REMOVE ALL INACTIVE LINES AND EQUIPMENT.
26. SOUTHERN BELL SIGNAL CIRCUIT PROTECTOR – UTILIZE TELEPHONY CONSULTANT IDENTIFIED BY G.P.C. (CHARLIE BROWN) TO DETERMINE ACTIVE LINES; REMOVE ALL INACTIVE LINES AND EQUIPMENT.
27. RELOCATE POWER MODULES TO CREATE MOUNTING SPACE FOR NEW PANEL – SEE E1.1.
28. TYPICAL: DEDUCTIVE ALTERNATE #2, NEW CARD READER, WITH SURFACE MOUNTED RACEWAY ON CLASSROOM INTERIOR TO ABOVE ACCESSIBLE CEILING. NEW CABLING SEE T0.1
29. TYPICAL: DEDUCTIVE ALTERNATE #2, INSTALL NEW DATA CABLING TO REPLACE EXISTING. HOMERUN TO NEW DATA CLOSET; INSTALL IN NEW SURFACE RACEWAY, SEE DETAIL ON E1.1, LOCATIONS/QUANTITIES OF DATA CABLE TERMINATIONS/BOXES TO MATCH EXISTING. ROUTE VIA J-HOOKS ABOVE CORRIDOR ACCESSIBLE CEILING.



MANUFACTURERS: B-LINE, NEWTON, CHATSWORTH OR EQUIVALENT. MOUNT IN NEW NETWORK CLOSET.

3 T1.1 GROUND BUS DETAIL
SCHEMATIC



4 T1.1 EXISTING RACK LAYOUT
SCHEMATIC

2 T1.1 PART PLAN - EXISTING DATA CLOSET
1/4" = 1'-0"

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