

DEARINGTON ELEMENTARY SCHOOL RENOVATIONS

LYNCHBURG, VIRGINIA

PROJECT NO. 3517

CITY PROJECT NO. YS-536

OCTOBER 14, 2015



SITE:
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DEARINGTON
ELEMENTARY
SCHOOL
RENOVATIONS

LYNCHBURG,
VIRGINIA

CITY PROJECT NO:
YS-536

ABBREVIATIONS

ABV above	FCU fan coil unit	PR pair
AFF above finish floor	FEC fire extinguisher cabinet	PERM perimeter
ACT acoustical tile	FA fire alarm	PLAS plaster
ACC acoustic (al)	FLASH flashing	PLAM plastic laminate
ADJ adjacent	FLR floor (ing)	PL plate
AHU air handling unit	FD floor drain	PLYWD plywood
ALUM aluminum	FLUOR fluorescent	PVC polyvinyl chloride
AB anchor, bolt	FT foot or feet	PCF pounds per cubic foot
APPROX approximate	FTG footing	PFL pounds per lineal foot
AD area drain	GA gauge	PSF pounds per square foot
BRG bearing	GALV galvanized	PSI pounds per square inch
SEL below	GC general contract (contractor)	PC precast
BLDG building	GL glass/glozing	QT quarry tile
BLK block	GLB glass block	R riser
BLKG blocking	GCMU glazed concrete masonry unit	RA return air
BD board	GR grade	RAD radius
BM beam	GFCMU ground face CMU	RD roof drain
BOTT bottom	GPDW gypsum drywall	RCP reinforced concrete pipe
BRK brick	HDW hardware	REF reference (refer)
B/T between	HTG heating	RECEP receptacle
BUR built up roofing	HVAC heating ventilating air conditioning	RFL reflect (ed)
BW bottom of wall	HGT height	REFR refrigerator
CPT carpet	HM hollow metal	REINF reinforced
CI cast iron	HORZ horizontal	REQ required
CB cement board	HT hose bib	RESIL resilient
CLG ceiling	HR hour	RH right hand
CTR center	IFRC intumescent fire resistant coating	RND round
CT ceramic tile	INCL include	RM room
C circle	IND inside diameter	RL rain leader
CIR clear (once)	INSUL insulation	RO rough opening
CLR closet	INT interior	SACT suspended acoustical ceiling tile
CLOS clean out	JAN janitor closet	SCHED schedule
COL column	JT joint	SFCMU split face CMU
COMP composition	J joist	SLNT sealant
CONC concrete	KIT kitchen	SECT section
CMU concrete masonry unit	LBL label	SHT sheet
CONST construction	LAM laminate	SGFT structural glazed facing tile
CONT continuous or continue	LAV lavatory	SIM similar
CLL contract limit line	LH left hand	SC solid core
CJ control joint	L length	S south
CG corner guard	LT light	SPEC specification
CORR corridor	LT WT light weight	SQ square
CRS course (s)	LF linear foot	SSC synthetic stone column
CF cubic feet	LL live load	STD standard
CWL composite wood lumber	MH manhole	STC sound transmission class
CY cubic yard	MFR manufacturer	STL steel
DEPT department	MAS masonry	STOR storage
DTL detail	MO masonry opening	STRUCT structure
DIAM diameter	MTL metal	SYM symmetry (ical)
DIM dimension	MAX maximum	SUSP suspended
DISP dispenser	MECH mechanical	SYS system
DIV division	MED medium	TEL telephone
DR door	MBR member	TV television
DBL double	MATL material	TEMP tempered
DH double hung	M meter	TER terrazzo
DN down	MM millimeter	THK thick
DS downspout	MIN minimum	THR threshold
DWG drawing	MIR mirror	T&G tongue and groove
DF drinking fountain	MISC miscellaneous	TC top of curb
E each	MOD modular	TP top of pavement
E east	MTD mounted	T tread
EJ expansion joint	NAT natural	TOW top of wall
ELEC electric (al)	NRC noise reduction coefficient	TWF through wall flashing
EW electric water cooler	NOM nominal	TYP typical
ELEV elevation	N north	UC undercut
EMER emergency	NIC not in contract	UNF unfurnished
ENCL enclosure	NTS not to scale	UNO unless noted otherwise
EQUIP equipment	NO number	UR urinal
EST estimate	OZ over	VB vapor barrier
EXH exhaust	OC on center	VERT vertical
EXIST existing	OFF office	VEST vestibule
(E) existing dimension	OF RD overflow roof drain	VCT vinyl composite tile
EXP exposed	OF RL overflow roof leader	VVC vinyl wall covering
EXT exterior	OPNG opening	WH wall hydrant
EIFS exterior insulation finish system	OPP opposite	WP waterproofing
FOC face of concrete	OWSJ open web steel joist	WWF welded wire fabric
FOM face of masonry	OPPH opposite hand	W west
FOS face of studs	OD outside diameter	WT weight
FF finish floor	OA overall	WN window
FIN finish (ed)	OH overhead	W with
FIXT fixture	PT pressure treated	W/O without
	PTD painted	WD wood
	PVMT pavement	

SYMBOLS

DRAWING TITLE		DRAWING NUMBER	A2.1
		DRAWING SCALE	1/8" = 1'-0"
		SHEET NUMBER	A1
BUILDING ELEVATION		DRAWING NUMBER	A1
		SHEET NUMBER	A1
BUILDING/WALL SECTION			
DETAIL			
ELEVATION DATUM			
MATCHLINE			

MATERIALS

	EXISTING CONSTRUCTION
	CONCRETE
	SAND/MORTAR/GROUT/PLASTER
	BRICK (COMMON OR FACE)
	CMU
	WOOD BLOCKING
	PLYWOOD
	BATT INSULATION
	RIGID INSULATION
	GYPSUM DRYWALL

DRAWING INDEX

CS1.1	Cover Sheet
D1.1	Lower Floor Reflected Ceiling Demolition Plan
D1.2	Upper Floor Reflected Ceiling Demolition Plan
A10.1	Lower Floor Reflected Ceiling Plan
A10.2	Upper Floor Reflected Ceiling Plan
H1.1	Main Floor + Lower Floor Plan
E1.0	Electrical Legend, Notes and Details
ED1.1	Lower Floor Demolition Plan
ED1.2	Main Floor Demolition Plan
E2.1	Lower Floor Plan - Lighting
E2.2	Main Floor Plan - Lighting

APPLICABLE CODES

- 2012 EDITION OF THE "IBC" THE INTERNATIONAL BUILDING CODE AS ADOPTED AND MODIFIED BY THE COMMONWEALTH OF VIRGINIA JULY 14, 2014.
- ACCESSIBILITY: VCC 2012.

CODE STATEMENT

THE EXTENT OF THE WORK IS LIMITED TO CEILING AND LIGHTING REPLACEMENTS AND UPGRADES. NO EGRESS PATHS ARE BEING ALTERED IN ANY WAY AS A RESULT OF THIS WORK. THEREFORE NO LIFE SAFETY PLANS ARE BEING INCLUDED AS THERE ARE NO CHANGES TO THESE PLANS. LOCATIONS OF EXIT SIGNS AND EGRESS LIGHTING ARE SHOWN ON THE PLANS INCLUDED IN THIS SET OF DRAWINGS.

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PROJECT NUMBER:
3517
ISSUE DATE:
OCTOBER 14, 2015

REVISIONS:

M/E/P
CONSULTANT:
SIMMONS, ROCKECHARLIE
& PRINCE, INC.
8416 GLAZEBROOK AVENUE
RICHMOND, VA 23228
(804) 262-7323



SHEET TITLE:
COVER SHEET

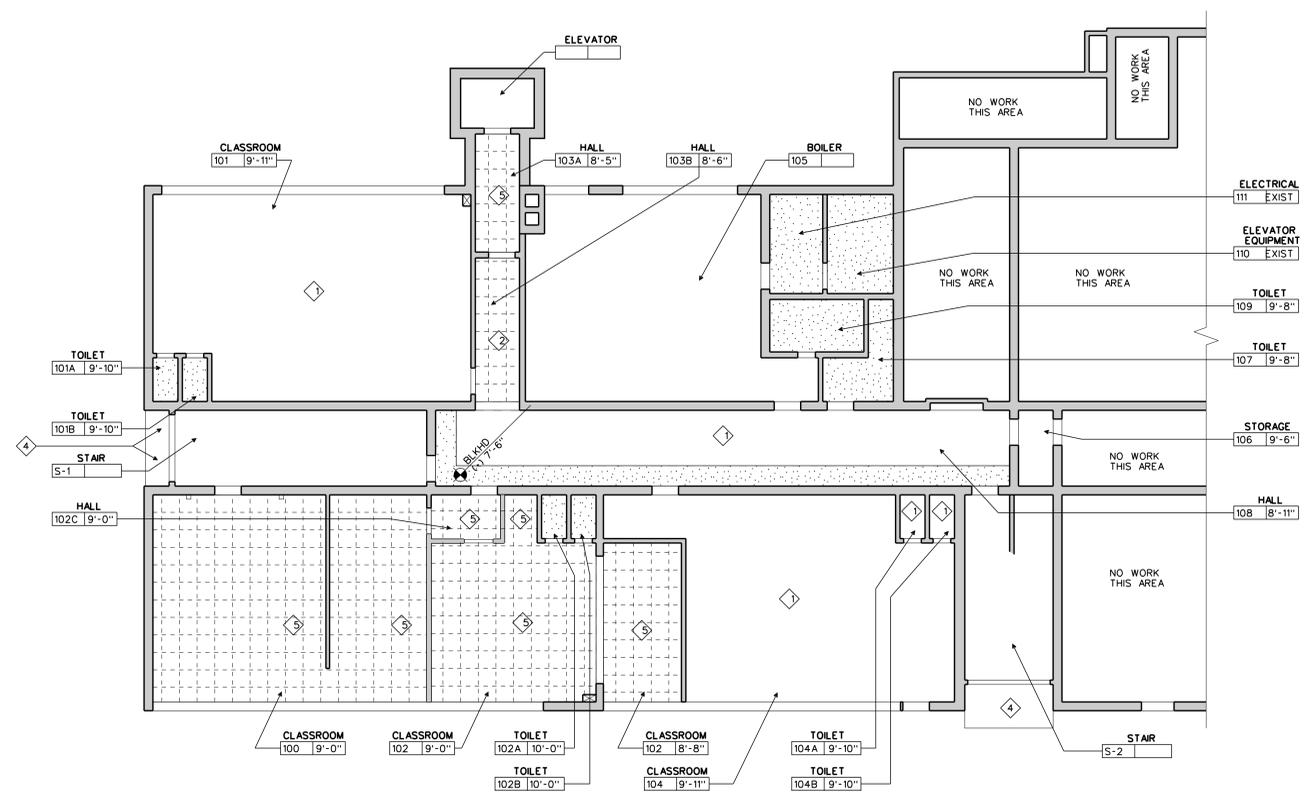
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CS1.1

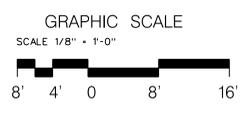


- DEMOLITION NOTES**
- DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE REMOVED, UNLESS OTHERWISE NOTED. REMOVAL OF EXISTING WALLS INCLUDES REMOVAL OF ITEMS AFFIXED TO WALLS (DOORS, WINDOWS, CASEWORK, ELECTRICAL/PLUMBING FIXTURES, TRIM, ETC.). EXTENT OF SELECTIVE DEMOLITION SHALL BE AS REQUIRED FOR INSTALLATION OF NEW WORK.
 - PROTECT FROM DAMAGE EXISTING ITEMS, MATERIALS AND / OR FINISHES THAT ARE TO REMAIN. EXISTING WORK TO REMAIN THAT IS DAMAGED BY DEMOLITION OPERATIONS SHALL BE REPAIRED TO MATCH ORIGINAL ADJACENT CONSTRUCTION.
 - PRIOR TO THE REMOVAL OR MODIFICATION OF WALLS OR OTHER POTENTIALLY LOAD BEARING ELEMENTS, THE ACTUAL SIZE OF AND LOCATION OF THE STRUCTURAL COMPONENT AND LOAD BEARING CONDITION SHALL BE VERIFIED BY THE CONTRACTOR BY MEANS OF SELECTIVE DEMOLITION. THE CONTRACTOR SHALL NOTIFY THE A/E OF ANY UNUSUAL OR HAZARDOUS CONCEALED CONDITION.
 - PROVIDE ALL TEMPORARY BRACING AND SHORING NECESSARY TO SAFELY SUPPORT ALL LOADS, INCLUDING ROOF LOADS, AND TO MAINTAIN EXISTING FRAMING TO REMAIN IN ITS EXISTING LOCATION WHILE MAKING MODIFICATIONS REQUIRED UNDER THIS CONTRACT.
 - REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR SELECTIVE DEMOLITION OF ABOVE CEILING DUCTWORK, PIPING CONDUIT AND OTHER ITEMS.
 - ALL ABANDONED PIPING AND CONDUIT SHALL BE CAPPED IN CONCEALED LOCATIONS. PATCH OPENINGS TO MATCH ADJACENT SURFACES. ABANDONED ELECTRICAL BOXES SHALL BE PROVIDED WITH NEW BLANK COVER PLATES.
 - PROVIDE TEMPORARY DUST BARRIERS TO ISOLATE DEMOLITION WORK FROM UNAFFECTED AREAS.
 - ALL PLASTER / GPWV CEILINGS TO REMAIN.
 - REFER TO ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE DEMOLITION, ETC.
 - ALL EXISTING PLASTER/GPWV CEILINGS TO REMAIN.

- DEMOLITION KEYNOTES**
- DEMOLISH EXISTING METAL SPLINE TYPE CEILING AND BATT INSULATION ABOVE, WHERE OCCURRING.
 - DEMOLISH SUSPENDED ACOUSTICAL CEILING TILE ONLY; GRID TO REMAIN IN PLACE AND BE REUSED.
 - EXISTING DECORATIVE METAL CEILING AND CROWN MOLDING TO REMAIN.
 - ENLARGE EXISTING OPENING FOR NEW RECESSED LIGHT FIXTURE AS REQ'D.
 - DEMOLISH SUSPENDED ACOUSTICAL CEILING TILE AND GRID.



1
D1.1
 1/8" = 1'-0"



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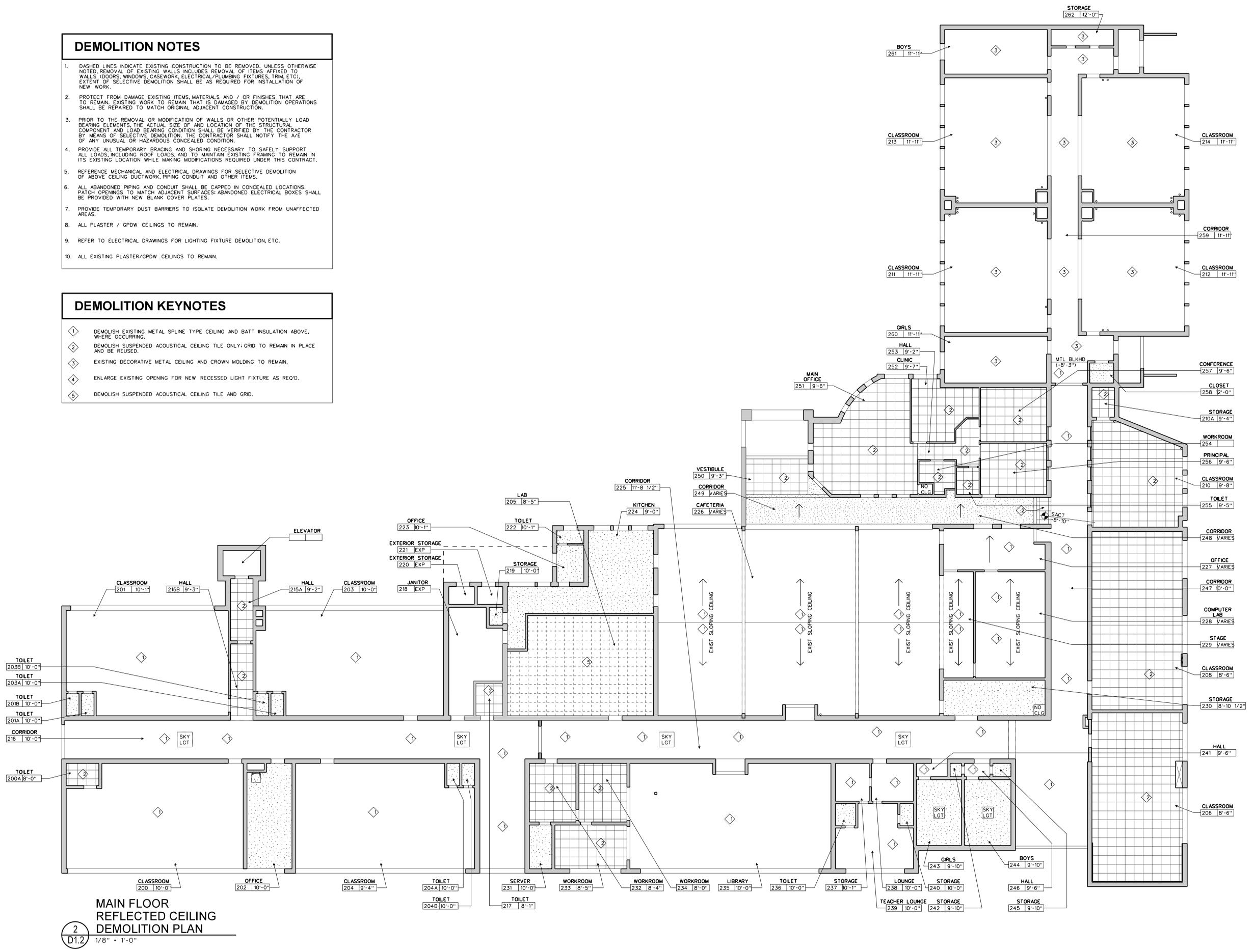


DEMOLITION NOTES

- DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE REMOVED, UNLESS OTHERWISE NOTED. REMOVAL OF EXISTING WALLS INCLUDES REMOVAL OF ITEMS AFFIXED TO WALLS (DOORS, WINDOWS, CASEWORK, ELECTRICAL/PLUMBING FIXTURES, TRIM, ETC.). EXTENT OF SELECTIVE DEMOLITION SHALL BE AS REQUIRED FOR INSTALLATION OF NEW WORK.
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- REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR SELECTIVE DEMOLITION OF ABOVE CEILING DUCTWORK, PIPING CONDUIT AND OTHER ITEMS.
- ALL ABANDONED PIPING AND CONDUIT SHALL BE CAPPED IN CONCEALED LOCATIONS. PATCH OPENINGS TO MATCH ADJACENT SURFACES; ABANDONED ELECTRICAL BOXES SHALL BE PROVIDED WITH NEW BLANK COVER PLATES.
- PROVIDE TEMPORARY DUST BARRIERS TO ISOLATE DEMOLITION WORK FROM UNAFFECTED AREAS.
- ALL PLASTER / GPDW CEILINGS TO REMAIN.
- REFER TO ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE DEMOLITION, ETC.
- ALL EXISTING PLASTER/GPDW CEILINGS TO REMAIN.

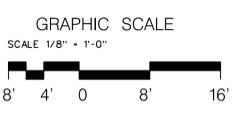
DEMOLITION KEYNOTES

- DEMOLISH EXISTING METAL SPLINE TYPE CEILING AND BATT INSULATION ABOVE, WHERE OCCURRING.
- DEMOLISH SUSPENDED ACOUSTICAL CEILING TILE ONLY; GRID TO REMAIN IN PLACE AND BE REUSED.
- EXISTING DECORATIVE METAL CEILING AND CROWN MOLDING TO REMAIN.
- ENLARGE EXISTING OPENING FOR NEW RECESSED LIGHT FIXTURE AS REQ'D.
- DEMOLISH SUSPENDED ACOUSTICAL CEILING TILE AND GRID.



**MAIN FLOOR
REFLECTED CEILING
DEMOLITION PLAN**

2
D1.2 1/8" = 1'-0"



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HVAC NOTES

GENERAL

THIS WORK INCLUDES ALL LABOR, MATERIALS, EQUIPMENT, DEVICES AND SERVICES FOR THE MECHANICAL WORK AS REQUIRED FOR COMPLETE AND OPERATIONAL SYSTEMS.

SUBMIT SHOP DRAWINGS FOR EQUIPMENT SUPPLIED BY THIS CONTRACTOR.

MAINTAIN "AS-BUILT" DRAWINGS AND TURN OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT.

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE AND ALL LOCAL RULES, REGULATIONS, LAWS, AND ORDINANCES.

RULES, PERMITS AND FEES:

CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY ALL GOVERNMENTAL TAXES AND FEES, FILE ALL NECESSARY DRAWINGS, PREPARE ALL DOCUMENTS AND OBTAIN ALL NECESSARY APPROVALS OF ALL GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION; OBTAIN ALL REQUIRED CERTIFICATES OF INSPECTION FOR HIS WORK AND DELIVER SAME TO OWNER BEFORE REQUEST FOR ACCEPTANCE AND FINAL PAYMENT FOR THE WORK.

METAL DUCTWORK:

NOT ALL NECESSARY OFFSETS ARE INDICATED ON THE DRAWING. STUDY THE VARIOUS DUCTS TO BE INSTALLED AND MAKE SUCH NECESSARY ADJUSTMENTS IN EXACT ROUTINGS AS MAY BE REQUIRED FOR PROPER INSTALLATION TO ACHIEVE INTENT OF DRAWINGS.

VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF DISCREPANCIES BEFORE STARTING WORK.

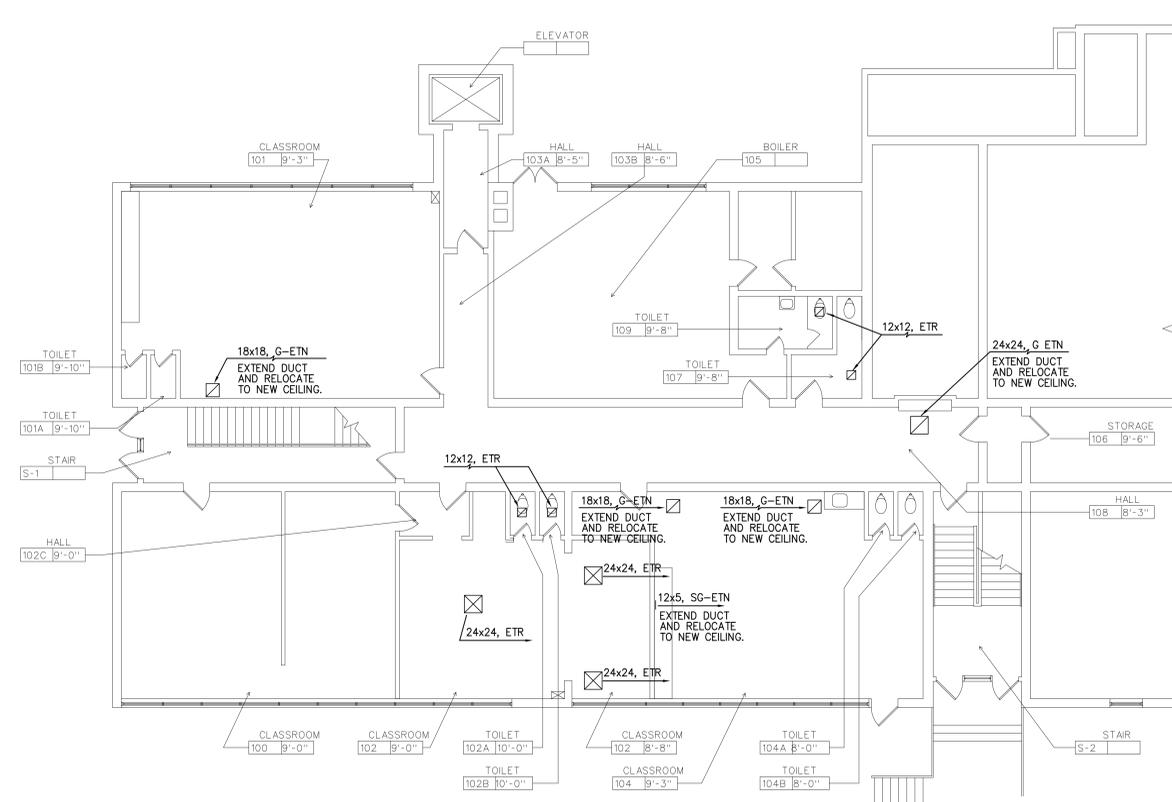
AIR DEVICES

COORDINATE INSTALLATION OF ALL CEILING AIR DEVICES WITH OTHER TRADES. THE DRAWINGS INDICATE APPROXIMATE LOCATIONS.

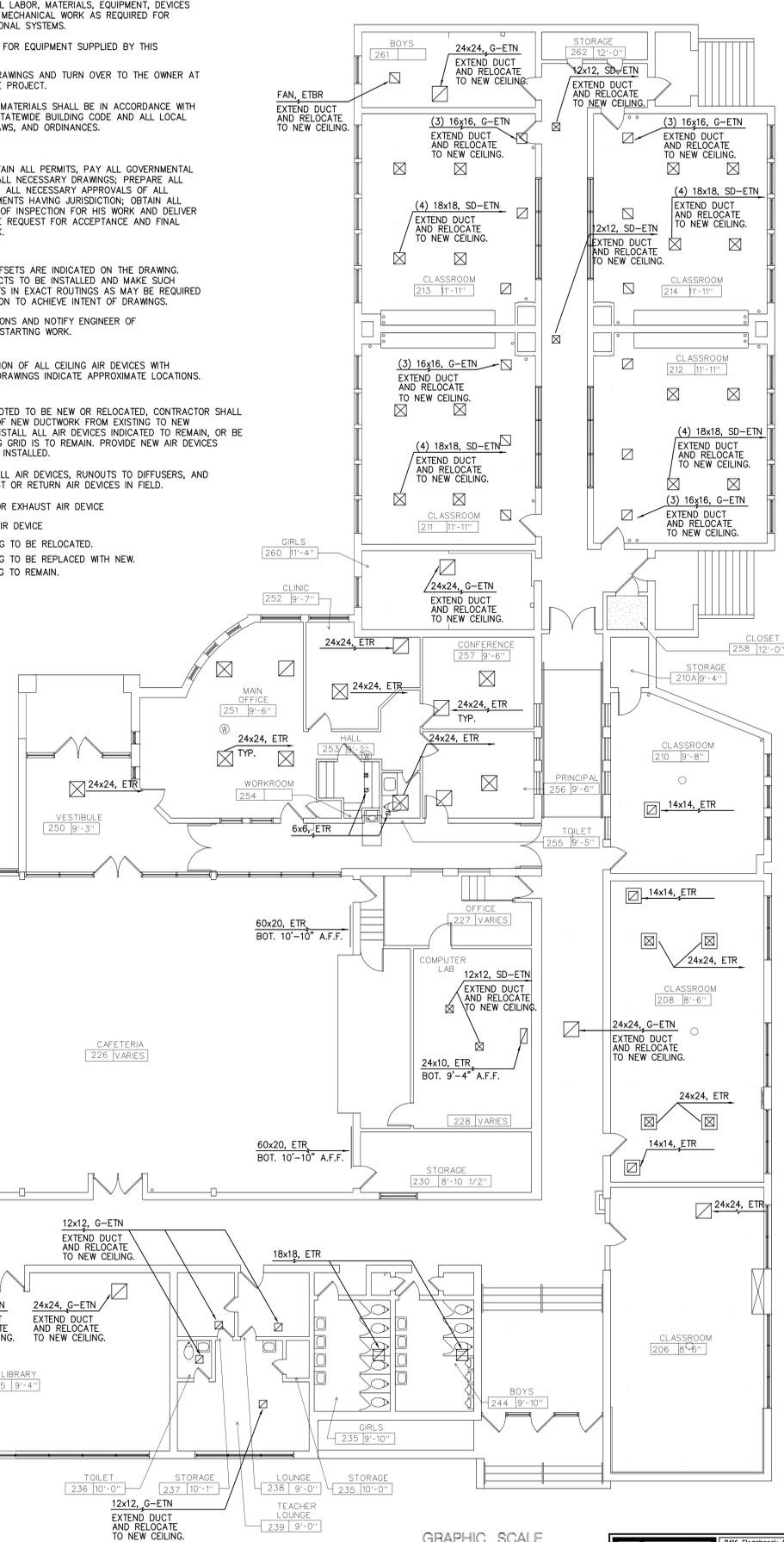
WHERE AIR DEVICES ARE NOTED TO BE NEW OR RELOCATED, CONTRACTOR SHALL INCLUDE MINIMUM OF 36" OF NEW DUCTWORK FROM EXISTING TO NEW LOCATION. CLEAN AND REINSTALL ALL AIR DEVICES INDICATED TO REMAIN, OR BE RELOCATED WHERE EXISTING GRID IS TO REMAIN. PROVIDE NEW AIR DEVICES WHERE NEW GRID IS TO BE INSTALLED.

VERIFY ACTUAL SIZES OF ALL AIR DEVICES, RUNOUTS TO DIFFUSERS, AND BRANCH DUCTS TO EXHAUST OR RETURN AIR DEVICES IN FIELD.

- ☑ RETURN OR EXHAUST AIR DEVICE
- ☑ SUPPLY AIR DEVICE
- ETR=EXISTING TO BE RELOCATED.
- ETN =EXISTING TO BE REPLACED WITH NEW.
- ETR=EXISTING TO REMAIN.



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



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

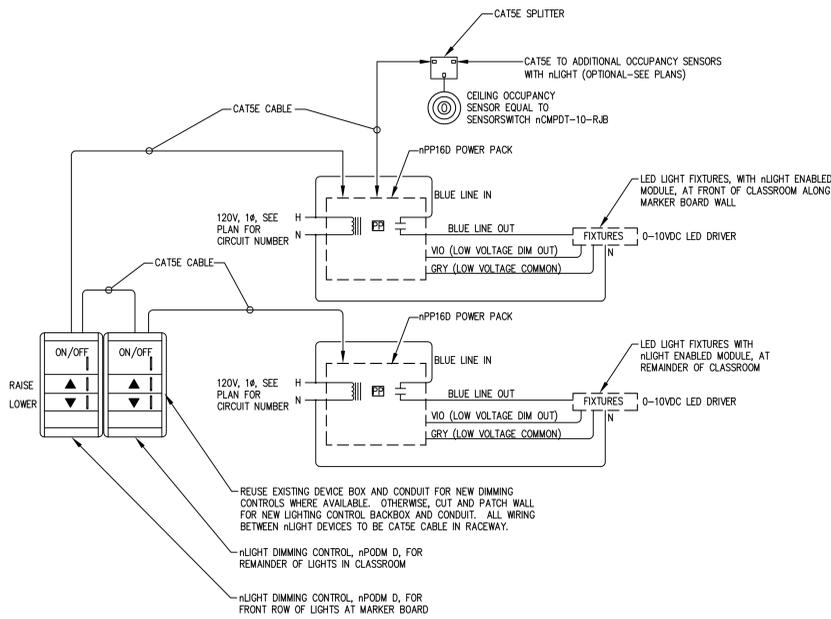
GRAPHIC SCALE



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Richmond, VA 23228
phone: (804)562-7223
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web site: www.srpeng.com
SIMMONS, ROCHECHARLIE & PRINCE INC.
Mechanical and Electrical Engineers
PROJECT NUMBER: 15058

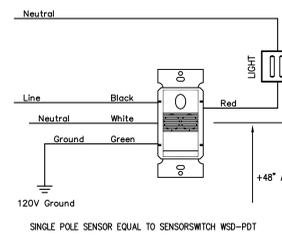
TYPE	DESCRIPTION	VOLTS	LAMPS			MOUNTING	OPTIONS	MFR. / SERIES
			NO.	UNITS	TYPE			
AE	2' x 4' LED TROFFER 4800 LUMENS nLIGHT ENABLED	MVOLT	LED	48.58	LED LP835	RECESSED GRID CEILING		LITHONIA 2RTL4-48L-EZ1-LP835-N100
AE	2' x 4' LED TROFFER 4800 LUMENS nLIGHT ENABLED	MVOLT	LED	48.58	LED LP835	RECESSED GRID CEILING	WITH EMERG. BATTERY 1400 LUMENS	LITHONIA 2RTL4-48L-EZ1-LP835-N100-EL14L
A1	2' x 4' LED TROFFER 4800 LUMENS nLIGHT ENABLED	MVOLT	LED	47.0	LED LP835	SURFACE CEILING		LITHONIA 2RTL4-48L-EZ1-LP835-N100
B	2' x 4' LED TROFFER 3000 LUMENS	MVOLT	LED	30.45	LED LP835	RECESSED CEILING		LITHONIA 2RTL4-30L-EZ1-LP835
BE	2' x 4' LED TROFFER 3000 LUMENS	MVOLT	LED	30.45	LED LP835	RECESSED CEILING	WITH EMERG. BATTERY 1400 LUMENS	LITHONIA 2RTL4-30L-EZ1-LP835-EL14L
B1	2' x 4' LED TROFFER 3000 LUMENS	MVOLT	LED	30.45	LED LP835	SURFACE CEILING		LITHONIA 2RTL4-30L-EZ1-LP835
BE	2' x 4' LED TROFFER 3000 LUMENS	MVOLT	LED	30.45	LED LP835	SURFACE CEILING	WITH EMERG. BATTERY 1400 LUMENS	LITHONIA 2RTL4-30L-EZ1-LP835-EL14L
R	2' x 4' LED TROFFER 6000 LUMENS	MVOLT	LED	54.8	LED LP835	RECESSED CEILING		LITHONIA 2RTL4-60L-EZ1-LP835
BE	2' x 4' LED TROFFER 6000 LUMENS	MVOLT	LED	54.8	LED LP835	RECESSED CEILING	WITH EMERG. BATTERY 1400 LUMENS	LITHONIA 2RTL4-60L-EZ1-LP835-EL14L
D	6" LED DOWNLIGHT 1500 LUMENS	MVOLT	LED	18.5	LED 3500K	RECESSED CEILING	MEDIUM DISTRIBUTION WHITE PAINTED FLANGE	GOTHAM EVO-35/15-BAR-MD-LS-MVOLT-EZ1-TRW
D1	6" LED DOWNLIGHT 1500 LUMENS RETROFIT KIT	MVOLT	LED	18.5	LED 3500K	RECESSED CEILING	MEDIUM WIDE DIST. WHITE PAINTED FLANGE	GOTHAM EVO-R-35/15-6AR-MD-LS-MVOLT-EZ1-TRW
D1E	6" LED DOWNLIGHT 1500 LUMENS nLIGHT RETROFIT KIT	MVOLT	LED	18.5	LED 3500K	RECESSED CEILING	WITH EMERG. BATTERY PACK 1000 LUMENS OUTPUT	GOTHAM EVO-R-35/15-6AR-MD-LS-MVOLT-EZ1-TRW-ELR
D2	6" LED DOWNLIGHT 2500 LUMENS EXTERIOR CANOPY	MVOLT	LED	29.5	LED LP835	RECESSED CEILING	MEDIUM WIDE DIST. WHITE PAINTED FLANGE WET LOCATION	GOTHAM EVO-R-35/25-6AR-MD-LS-MVOLT-EZ1-TRW
EE	CAST ALUMINUM LED CANOPY LIGHT WET LOCATION	MVOLT	LED	56.0	LED 5700K	SURFACE CEILING	GYP. BOARD CANOPY	LITHONIA OLWCM-36
F	4'-0" SURFACE LED 4000 LUMENS	MVOLT	LED	39.5	LED LP835	SURFACE CEILING		LITHONIA WL4-40L-EZ1-LP835
FE	4'-0" SURFACE LED 4000 LUMENS	MVOLT	LED	39.5	LED LP835	SURFACE CEILING	EMERGENCY BATTERY PACK 1400 LUMENS	LITHONIA WL4-40L-EZ1-LP835-EL14L
FEM	4'-0" SURFACE LED 4000 LUMENS nLIGHT INTEGRAL MOTION SENSOR	MVOLT	LED	39.5	LED LP835	SURFACE CEILING	EMERGENCY BATTERY PACK 1000 LUMENS INTEGRAL MOTION SENSOR	LITHONIA WL4-40L-EZ1-LP835-N100-NESP07-EL14L
H	1' x 4' SURFACE LED 4000 LUMENS WITH	MVOLT	LED	41.0	LED LP835	SURFACE CEILING		LITHONIA RTL4-40L-EZ1-LP835
HE	1' x 4' SURFACE LED 4000 LUMENS WITH	MVOLT	LED	41.0	LED LP835	SURFACE CEILING	WITH EMERGENCY BATTERY PACK 1400 LUMENS	LITHONIA RTL4-40L-EZ1-LP835-EL14L
H2	1' x 4' SURFACE LED 3000 LUMENS WITH	MVOLT	LED	29.0	LED LP835	SURFACE CEILING		LITHONIA RTL4-30L-EZ1-LP835
HZE	1' x 4' SURFACE LED 3000 LUMENS WITH	MVOLT	LED	29.0	LED LP835	SURFACE CEILING	WITH EMERGENCY BATTERY PACK 1400 LUMENS	LITHONIA RTL4-30L-EZ1-LP835-EL14L
J	13" x 13" LOW PROFILE LED FLUSH MOUNT WHITE ACRYLIC DIFFUSER	MVOLT	LED	16.0	LED 3500K	SURFACE CEILING		LITHONIA FMSATL 13-148-35-BN-DSSAIL 13
X	LED EXIT LIGHT WITH WHITE HOUSING	MVOLT	LED	1.00	LED UNIVERSAL	UNIVERSAL	PROVIDE EMERGENCY BATTERY PACK NICKEL CADMIUM	LITHONIA LOM-S-W-3-R-MVOLT-ELN-SD

- NOTES:
- CONTRACTOR SHALL VERIFY CEILING TYPES AND PROVIDE APPROPRIATE LIGHT FIXTURE WITH ALL ACCESSORIES AND MOUNTING HARDWARE AS NEEDED FOR A COMPLETE INSTALLATION.
 - VERIFY EXISTING LIGHTING CIRCUIT VOLTAGE PRIOR TO SUBMISSION OF SHOP DRAWINGS. INDICATE PROPER VOLTAGE ON SUBMITTALS FOR EACH FIXTURE TYPE.



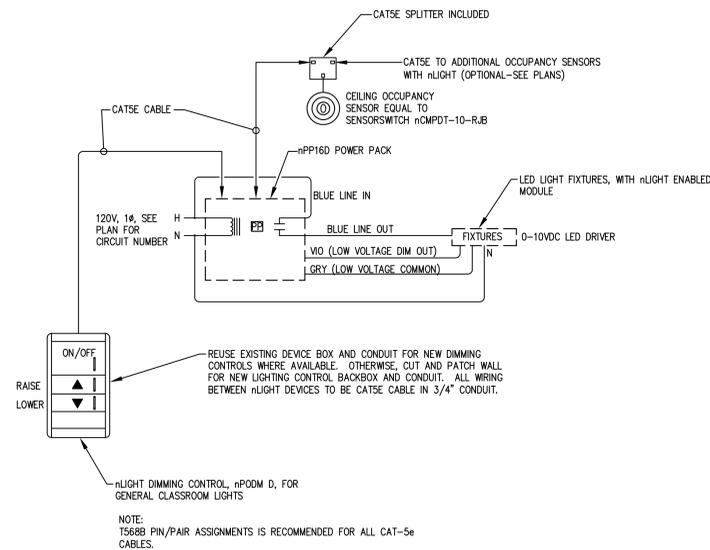
**TYPICAL CEILING MOUNTED OCCUPANCY SENSOR WIRING
DETAIL #1 FOR CLASSROOM LIGHTING WITH DUAL nLIGHT CONTROLS**

NOT TO SCALE
NOTE: REFER TO SHEET E2.2 FOR TYPICAL CLASSROOM LIGHTING CONNECTION DETAIL.



**TYPICAL WALL MOUNTED LINE VOLTAGE OCCUPANCY
SENSOR WIRING DIAGRAM #2**

NOT TO SCALE



**TYPICAL CEILING MOUNTED OCCUPANCY SENSOR WIRING
DETAIL #3 FOR CLASSROOM LIGHTING WITH SINGLE nLIGHT CONTROLS**

NOT TO SCALE
NOTE: REFER TO SHEET E2.2 FOR TYPICAL CLASSROOM LIGHTING CONNECTION DETAIL.

FIRE ALARM LEGEND

- SYMBOL DESCRIPTION**
- EXISTING FIRE ALARM MANUAL PULL STATION
 - EXISTING FIRE ALARM SMOKE DETECTOR
 - EXISTING FIRE ALARM WALL MOUNTED HORN/STROBE ALARM
 - EXISTING FIRE ALARM CONTROL PANEL

AUX SYMBOLS

- EXISTING CCTV SECURITY CAMERA
- EXISTING SECURITY SYSTEM MOTION DETECTOR
- EXISTING CEILING MOUNTED INTERCOM SPEAKER
- EXISTING WALL MOUNTED INTERCOM SPEAKER
- EXISTING CEILING MOUNTED WIRELESS ACCESS POINT (WAP)
- EXISTING WALL MOUNTED SINGLE FACE CLOCK
- EXISTING WALL MOUNTED DOUBLE FACE CLOCK

LEGEND

- SYMBOL DESCRIPTION**
- 2' x 4' LED FIXTURE - REFER TO LIGHTING FIXTURE SCHEDULE
 - 2' x 4' LED FIXTURE, SOLID CENTER INDICATES FIXTURE IS EQUIPPED WITH EMERGENCY BATTERY PACK. RUN AN UNSWITCHED PHASE CONDUCTOR TO BATTERY PACK. REFER TO LIGHTING FIXTURE SCHEDULE
 - 2' x 2' LED FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE
 - 13" x 13" LED FIXTURE - REFER TO LIGHTING FIXTURE SCHEDULE
 - 4'-0" LED STRIP FIXTURE - REFER TO LIGHTING FIXTURE SCHEDULE
 - LED CANOPY LIGHT FIXTURE, REFER TO LIGHTING FIXTURE SCHEDULE
 - LED DOWNLIGHT FIXTURE, CEILING MOUNTED - REFER TO LIGHTING FIXTURE SCHEDULE
 - COMPACT FLUORESCENT OR LED DOWNLIGHT FIXTURE, WALL MOUNTED - REFER TO LIGHTING FIXTURE SCHEDULE
 - EXIT LIGHT, UNIVERSAL MOUNTING, WITH INTEGRAL BATTERY PACK, WITH NUMBER OF FACES AND CHEVRON ARROWS AS INDICATED. RUN AN UNSWITCHED PHASE CONDUCTOR TO BATTERY PACK. REFER TO LIGHTING FIXTURE SCHEDULE
 - EXIT LIGHT, UNIVERSAL MOUNTING, WITH INTEGRAL BATTERY PACK, WITH CHEVRON ARROWS AS INDICATED, WITH INTEGRAL EMERGENCY LIGHTS. RUN AN UNSWITCHED PHASE CONDUCTOR TO BATTERY PACK. REFER TO LIGHTING FIXTURE SCHEDULE
 - KEY OPERATED SWITCH, SINGLE POLE, SINGLE THROW, SIDE WIRED, TOGGLE, 120-277V, 20A, 48" AFF
 - SWITCH, SINGLE POLE, SINGLE THROW, SIDE WIRED, TOGGLE, 120-277V, 20A, 48" AFF
 - SWITCH, 3-WAY, SIDE-WIRED, TOGGLE, 120-277 VOLT, 20A, 48" AFF
 - SWITCH, 4-WAY, SIDE WIRED, TOGGLE, 120-277 VOLT, 20A, 48" AFF
 - LOW VOLTAGE DIMMING POD, 48" AFF, COMPATIBLE WITH LED 0-10 VOLT DIMMING DRIVER PROVIDED WITH FIXTURE, WITH "ON-OFF" AND DIMMING CAPABILITY
 - INFRARED/ULTRASONIC DUAL SENSING WALL/CEILING MOUNTED OCCUPANCY SENSOR-PROVIDE POWER CONTROL PACK AS REQUIRED. WALL MOUNTED SHALL BE MOUNTED AT 48" AFF. AVOID CONFLICTS WITH OTHER DEVICES
 - POWER RELAY PACK CONTROLLED BY OCCUPANCY SENSOR. REFER TO OCCUPANCY SENSOR DETAILS ON THIS SHEET.
 - PHOTOCELL
 - WIRING CONCEALED ABOVE CEILING OR IN WALLS
 - EXISTING WIRING CONCEALED ABOVE CEILING OR IN WALLS
 - EXISTING PANELBOARD - SURFACE MOUNTED
 - EXISTING PANELBOARD - RECESS MOUNTED WITH FLUSH TRIM
 - PLAN KEYED NOTE
 - DEMOLITION PLAN KEYED NOTE
 - CLASSROOM 104 9'-11"
 - ROOM NAME/# WITH CEILING HEIGHT

GENERAL WIRING METHOD NOTES:

- RACEWAY INSTALLATION IN INTERIOR FINISHED SPACES WITH CONCRETE/MASONRY WALLS: PROVIDE SURFACE METAL RACEWAY, MATCHING BOXES AND FITTINGS AS REQUIRED, WITH FINISH TO MATCH ARCHITECT'S INTERIOR COLOR.
- RACEWAY INSTALLATION IN INTERIOR FINISHED SPACES WITH EXISTING OR NEW DROPPED CEILING GRID: PROVIDE EXIT CONDUIT, BOXES AND FITTINGS AS REQUIRED, RUN CONCEALED ABOVE ACCESSIBLE CEILING.
- RACEWAY INSTALLATION IN INTERIOR FINISHED SPACES WITH EXISTING GYPBOARD WALLS: CUT AND PATCH WALL OR FISH CONDUIT THRU.

- NOTES:
NEW WORK SHOWN DARK.
EXISTING TO REMAIN SHOWN LIGHT.
DEMOLITION WORK SHOWN DASHED.

ABBREVIATIONS

- A AMPS, AMPERES
- ACT ABOVE COUNTER TOP
- A.F.F. ABOVE FINISHED FLOOR
- A.F.G. ABOVE FINISHED GRADE
- B.O.F. BOTTOM OF FIXTURE
- C/T CURRENT TRANSFORMER
- EC EMPTY CONDUIT, SIZE AS NOTED. PROVIDE NYLON PULL STRING
- ER EXISTING TO REMAIN
- EX EXISTING
- FPEM FUSED PER EQUIPMENT MANUFACTURER
- FTL FEED-THRU LUGS
- HOA/P HAND-OFF-AUTO SELECTOR SWITCH WITH PILOT LIGHT
- NAC NOTIFICATION APPLIANCE CIRCUIT
- NF NON-FUSIBLE
- PNL PANEL
- S.A.C.T. SUSPENDED ACOUSTICAL CEILING TILE
- S.C.C. SHORT CIRCUIT CURRENT
- SPD SURGE PROTECTION DEVICE
- TYP. TYPICAL
- U.O.N. UNLESS OTHERWISE NOTED
- WP WEATHERPROOF

GRAPHIC SCALE



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Mechanical and Electrical Engineers

PROJECT NUMBER: 15058

GENERAL NOTES

1. ALL EXISTING CEILING MOUNTED LIGHTING FIXTURES, FIRE ALARM SYSTEM SMOKE DETECTORS, SECURITY SYSTEM DEVICES, PA SYSTEM SPEAKERS AND WIRELESS ACCESS POINTS, LOCATED IN SPACES TO BE RENOVATED WITH A NEW S.A.C.T. CEILING, WHETHER SHOWN OR NOT SHOWN, SHALL BE DISCONNECTED AND REMOVED. ALL EXISTING SYSTEM DEVICES REMOVED, EXCEPT FOR LIGHTING FIXTURES, SHALL BE STORED IN A SECURE DRY LOCATION, FOR REINSTALLATION IN THE NEW S.A.C.T. CEILING.

KEYED DEMOLITION NOTES

1. REMOVE EXISTING LIGHTING FIXTURES, LIGHT SWITCH CONTROLS, RELATED CONDUCTORS AND CONDUIT BACK TO HOMERUN JUNCTION BOX. RETAIN HOMERUN FOR RE-CONNECTION TO NEW LIGHTING FIXTURES. REUSE EXISTING BOX AND CONDUIT FROM LIGHT SWITCH FOR NEW SWITCH-LEG CONTROL WIRING AND NEW LIGHTING CONTROL DEVICE INSTALLATION.
2. REMOVE EXISTING SWITCH THAT IS NOT IN USE, ALONG WITH RELATED CONDUCTORS BACK TO NEAREST JUNCTION BOX WHICH FEEDS THE SWITCH. RETAIN BOX AND CONDUIT.
3. EXISTING UTILITY C/T CABINET SHALL REMAIN IN SERVICE.
4. EXISTING 1200A MAIN SERVICE PANEL "MDP" SHALL REMAIN IN SERVICE.
5. EXISTING BRANCH PANEL "GC" SHALL REMAIN IN SERVICE.
6. EXISTING CEILING MOUNTED FIRE ALARM SMOKE DETECTORS SHALL BE DISCONNECTED AND REMOVED, STORED IN A SECURE DRY LOCATION, TO BE REINSTALLED IN NEW S.A.C.T. CEILING.
7. EXISTING CEILING MOUNTED WIRELESS ACCESS POINT (WAP) SHALL BE DISCONNECTED AND REMOVED, STORED IN A SECURE DRY LOCATION, TO BE REINSTALLED IN NEW S.A.C.T. CEILING.
8. EXISTING CEILING MOUNTED SECURITY CAMERA SHALL BE DISCONNECTED AND REMOVED, STORED IN A SECURE DRY LOCATION, TO BE REINSTALLED AFTER NEW S.A.C.T. CEILING IS INSTALLED.
9. EXISTING CORNER WALL MOUNTED SECURITY MOTION SENSOR SHALL BE DISCONNECTED AND REMOVED, STORED IN A SECURE DRY LOCATION, TO BE REINSTALLED AFTER NEW S.A.C.T. CEILING IS INSTALLED.
10. EXISTING PA SPEAKER SHALL BE DISCONNECTED AND REMOVED, STORED IN A SECURE DRY LOCATION, TO BE REINSTALLED AFTER NEW S.A.C.T. CEILING IS INSTALLED.
11. REMOVE EXISTING WALL MOUNTED STRIP LIGHTS LOCATED UNDER STAIR, ALONG WITH SURFACE MOUNTED SWITCH. RETAIN EXISTING LIGHTING CIRCUIT FOR CONNECTION TO NEW SWITCH AND LIGHTS.

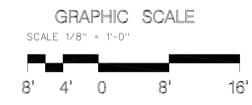
DEMOLITION LEGEND

SYMBOL	DESCRIPTION
[Symbol]	2' X 2' FLUORESCENT FIXTURE, RECESSED OR SURFACE MOUNTED AS NOTED - REFER TO DEMOLITION PLAN NOTES
[Symbol]	1' X 4' FLUORESCENT FIXTURE WITH WRAPAROUND LENS, PENDANT MOUNTED - REFER TO DEMOLITION PLAN NOTES
[Symbol]	2' X 4' FLUORESCENT FIXTURE WITH PRISMATIC LENS, RECESSED OR SURFACE MOUNTED - REFER TO DEMOLITION PLAN NOTES
[Symbol]	1' X 4' FLUORESCENT FIXTURE WITH PRISMATIC LENS, RECESSED OR SURFACE MOUNTED - REFER TO DEMOLITION PLAN NOTES
[Symbol]	1' X 4' FLUORESCENT STRIP FIXTURE WITH WRAPAROUND LENS, SURFACE MOUNTED - REFER TO DEMOLITION PLAN NOTES
[Symbol]	1' X 1' INCANDESCENT FIXTURE WITH LENS, RECESS MOUNTED IN EXTERIOR CANOPY- REFER TO DEMOLITION PLAN NOTES
[Symbol]	RECESSED DOWNLIGHT FIXTURE - REFER TO DEMOLITION PLAN NOTES
[Symbol]	TRACK LIGHTING FIXTURE - REFER TO DEMOLITION PLAN NOTES
[Symbol]	EXIT LIGHT FIXTURE, WALL OR CEILING MOUNTED - REFER TO DEMOLITION PLAN NOTES
[Symbol]	TOGGLE SWITCH FOR LIGHTING CONTROL, RECESSED IN WALL - REFER TO DEMOLITION PLAN NOTES
[Symbol]	CEILING MOUNTED FIRE ALARM SMOKE DETECTOR, REFER TO DEMOLITION PLAN NOTES
[Symbol]	WALL MOUNTED FIRE ALARM MANUAL PULL STATION, REFER TO DEMOLITION PLAN NOTES
[Symbol]	WALL MOUNTED FIRE ALARM HORN/STROBE DEVICE, REFER TO DEMOLITION PLAN NOTES
[Symbol]	WALL MOUNTED INTERCOM SPEAKER, REFER TO DEMOLITION PLAN NOTES
[Symbol]	CEILING MOUNTED INTERCOM SPEAKER, REFER TO DEMOLITION PLAN NOTES
[Symbol]	CEILING MOUNTED WIRELESS ACCESS POINT, REFER TO DEMOLITION PLAN NOTES
[Symbol]	CEILING OR WALL MOUNTED CCTV SECURITY CAMERA, REFER TO DEMOLITION PLAN NOTES

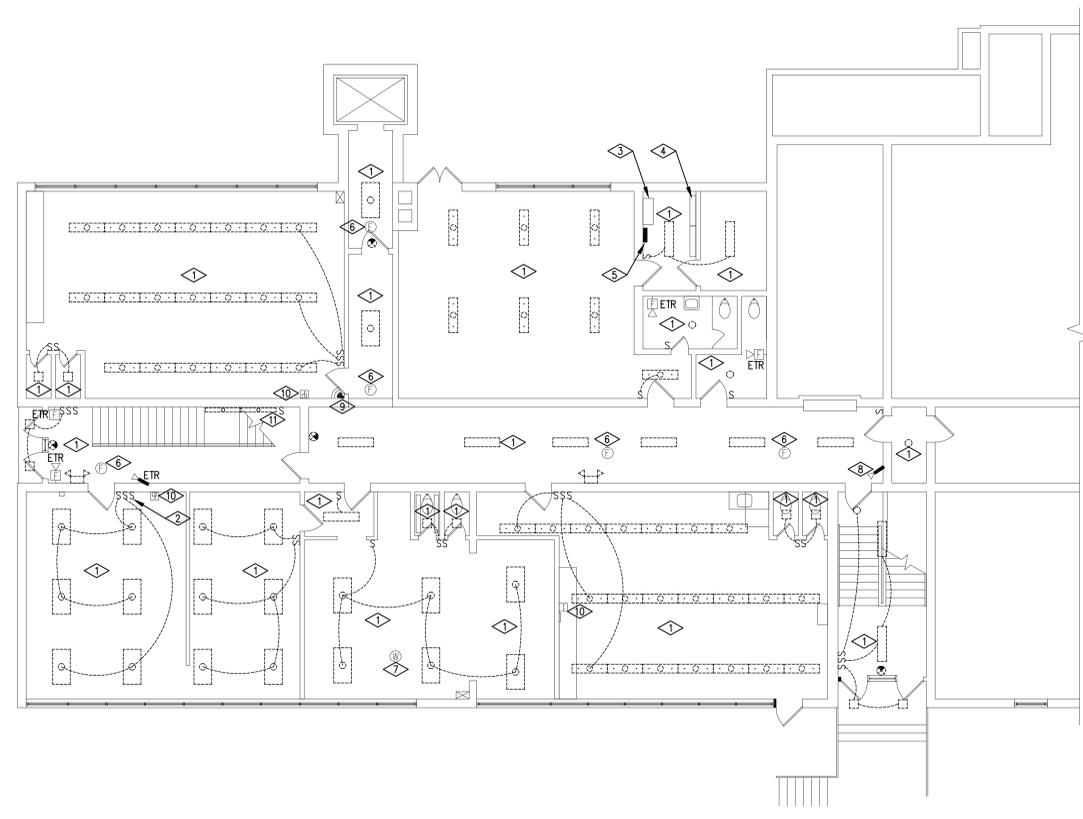
GENERAL DEMOLITION NOTES

- A. THE CONTRACTOR SHALL VISIT THE SITE AND INSPECT THE ELECTRICAL SYSTEMS TO DETERMINE THE EXTENT OF THE DEMOLITION WORK REQUIRED AND INCLUDE PRICE FOR SAME IN BID. ELECTRICAL DEMOLITION WORK SHALL FOLLOW THE ARCHITECTURAL WORK.
 1. REMOVE CONDUIT TO ABOVE CEILING AND BACK TO NEAREST JUNCTION BOX. ABANDON THE REST OF THE CONDUIT IN PLACE. REMOVE ALL WIRES BACK TO SOURCE, UNLESS OTHERWISE NOTED.
 2. CUT CONDUIT FLUSH WITH FLOOR AND SEAL WHERE CONDUIT IS STUBBED UP ABOVE FLOOR. ABANDON THE REST OF THE CONDUIT RUN IN PLACE. REMOVE ALL WIRE BACK TO SOURCE.
 3. REMOVE ALL SURFACE RACEWAY, PLUGMOLD AND WIRE BACK TO SOURCE.
 4. CONTRACTOR MAY REUSE ABANDONED CONDUIT AS HIS OPTION IF CONDUIT IS THE PROPER SIZE PER THE NEC.
- B. MAINTAIN ALL CIRCUITS TO ROOMS ADJACENT TO THE REMODELED AREA. REWIRE ALL CIRCUITS THAT PASS THROUGH OR FEED THE REMODELED AREAS AS WELL AS OTHER AREAS SUCH THAT THE CONTINUITY OF THE CIRCUITS ARE MAINTAINED.
- C. MAINTAIN ALL PRESENT EMERGENCY LIGHT CIRCUITING, WHERE FIXTURE IS CONNECTED IN NEW LOCATION. EXTEND CONDUIT AND WIRING AS REQUIRED.
- D. THE EXISTING CIRCUIT NUMBERS SHOWN ON THESE DRAWINGS WERE TAKEN FROM THE OLD DRAWINGS. THE CIRCUITS SHOWN MAY NOT BE CORRECT. EXCEPT FOR NEW CIRCUITS AS SHOWN, IT IS THE INTENT OF THIS JOB TO USE THE SAME CIRCUITS FOR NEW DEVICES AND FIXTURES AS WERE USED FOR THE EXISTING DEVICES AND FIXTURES REMOVED IN THE SAME GENERAL AREA. MAINTAIN PROPER CIRCUIT LOADING PER THE NEC. VERIFY VOLTAGE, RE-CIRCUIT AS REQUIRED WHERE CONFLICTS OCCUR.
- E. ALL ELECTRICAL ITEMS DESIGNATED (ETR) "EXISTING EQUIPMENT" SHALL REMAIN.
- F. ALL ELECTRICAL ITEMS DESIGNATED (ETL) "EXISTING RELOCATED" SHALL BE RELOCATED TO NEW LOCATION INDICATED. MATCH AND EXTEND EXISTING WIRE TO NEW LOCATION, PROVIDE NEW DEVICE IF EXISTING IS NOT WORKING.
- G. PROVIDE NEW PANEL DIRECTORIES FOR ALL PANELS ASSOCIATED WITH THIS WORK. SHOW ROOM NUMBERS AS ASSIGNED BY OWNER TO ROOMS AND NOT ARCHITECTURAL DRAWING ROOM NUMBERS. TRACE OUT ALL CIRCUITS ASSOCIATED WITH THE PANELS AND MARK. THE NEW DIRECTORIES CORRECTLY AND WITH THE NEW ROOM NUMBERS.
- H. DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES AND RECEPTACLES AND SWITCHES IN WALLS THAT ARE TO BE REMOVED.
- I. DISCONNECT ALL MECHANICAL AND KITCHEN EQUIPMENT TO BE REMOVED OR RELOCATED.
- J. THE TERM "WIRING" IS INTENDED TO INCLUDE CONDUCTORS, CONDUIT/RACEWAYS AND SUPPORTS SHALL BE MODIFIED AS INDICATED ON THE PLANS.
- K. PROVIDE BLANK COVERS FOR ALL UNUSED OUTLET BOXES. PROVIDE MULTI-GANG COVERS WITH OPENINGS AND BLANKS TO SUIT NEW DEVICE LAYOUT. REFER TO NEW WORK LIGHTING PLANS.

NOTES:
 NEW WORK SHOWN DARK.
 EXISTING TO REMAIN SHOWN LIGHT.
 DEMOLITION WORK SHOWN DASHED.



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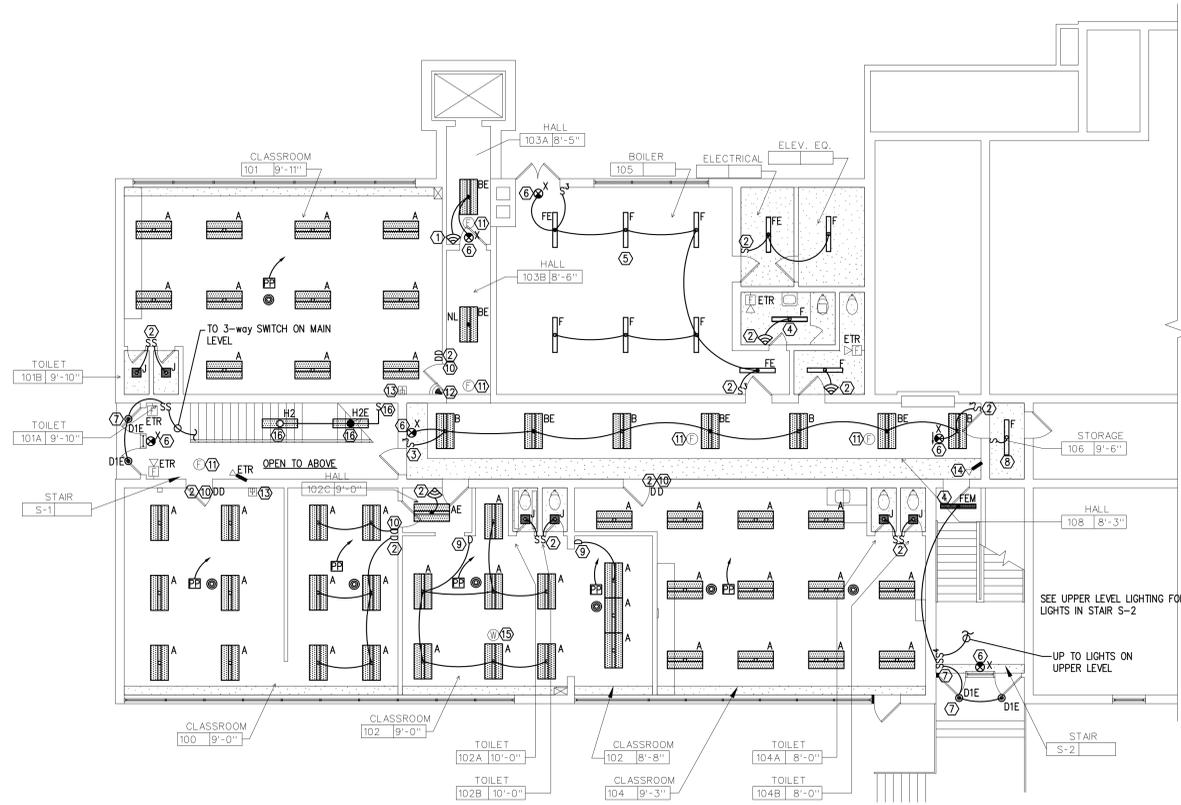
LOWER FLOOR DEMOLITION PLAN
 SCALE: 1/8"=1'-0"

GENERAL NOTES

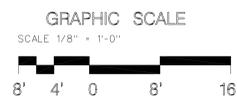
1. ALL NEW LIGHTING FIXTURES SHALL BE CONNECTED TO THE EXISTING BRANCH 120-VOLT LIGHTING CIRCUIT WHICH PREVIOUSLY SERVED THE SPACE BEING RENOVATED.
2. PROVIDE BLANK COVERPLATE OVER ALL UNUSED OUTLET BOXES.

LIGHTING PLAN KEYED NOTES

- ① PROVIDE NEW WALL MOUNTED OCCUPANCY SENSOR WITH SURFACE RACEWAY UP WALL THROUGH EXISTING GRID CEILING. REFER TO OCCUPANCY SENSOR WIRING DETAIL #2 ON SHEET E1.0. RE-CONNECT EXISTING BRANCH LIGHTING CIRCUIT TO NEW LIGHTING FIXTURE.
- ② REUSE EXISTING SWITCH BOX AND CONDUIT FOR NEW SWITCH-LEG CIRCUIT TO NEW LIGHT FIXTURE. RE-CONNECT TO EXISTING BRANCH LIGHTING CIRCUIT.
- ③ PROVIDE NEW 3-WAY SWITCH WITH SURFACE RACEWAY UP WALL THROUGH EXISTING GYP. BOARD SOFFIT TO NEW CORRIDOR LIGHTS.
- ④ PATCH CEILING OVER EXISTING OPENING FOR INSTALLATION OF NEW TYPE F LED SURFACE STRIP LIGHT.
- ⑤ COORDINATE THE EXACT LOCATION OF LIGHTS IN EXISTING MECHANICAL ROOM WITH EXISTING HVAC EQUIPMENT, DUCTWORK AND PIPING SYSTEMS.
- ⑥ RE-CONNECT NEW EXIT LIGHTS TO EXISTING BRANCH LIGHTING CIRCUIT.
- ⑦ CONNECT NEW TYPE "DIE" RECESS MOUNTED LED DOWNLIGHTS TO EXISTING CANOPY LIGHT CIRCUIT. NEW LIGHTS TO BE CONTROLLED BY SWITCH AT BOTTOM OF STAIR S-2.
- ⑧ REPLACE EXISTING INCANDESCENT LIGHT WITH NEW TYPE F LIGHT, CONNECT TO EXISTING CIRCUIT VIA NEW LIGHT SWITCH.
- ⑨ PROVIDE SURFACE MOUNTED WALL BOX FOR LIGHT DIMMING CONTROL, WITH SURFACE RACEWAY RUN UP WALL TO ACCESSIBLE CEILING. REFER TO OCCUPANCY SENSOR WIRING DETAIL #3 ON SHEET E1.0.
- ⑩ REFER TO OCCUPANCY SENSOR WIRING DETAIL #1 ON SHEET E2.2 FOR LIGHTING CONTROL SWITCHING USING LIGHT LIGHTING CONTROL SYSTEM.
- ⑪ REINSTALL EXISTING FIRE ALARM DEVICES IN CEILING BACK TO THE ORIGINAL LOCATION AS POSSIBLE. COORDINATE CEILING MOUNTED SMOKE DETECTORS WITH NEW REFLECTED CEILING PLAN.
- ⑫ REINSTALL EXISTING CORNER WALL MOUNTED SECURITY MOTION SENSOR AT 6" BELOW THE NEW S.A.C.T. CEILING SYSTEM.
- ⑬ REINSTALL EXISTING WALL MOUNTED PA SPEAKER AT 6" BELOW THE NEW S.A.C.T. CEILING SYSTEM.
- ⑭ REINSTALL EXISTING CEILING MOUNTED SECURITY CAMERA AFTER NEW S.A.C.T. CEILING SYSTEM IS INSTALLED.
- ⑮ REINSTALL EXISTING CEILING MOUNTED WIRELESS ACCESS POINT IN NEW S.A.C.T. CEILING SYSTEM.
- ⑯ INSTALL NEW LIGHTS ON UNDERSIDE OF SLOPED STAIR CEILING (GYP. BOARD). PROVIDE NEW SURFACE RACEWAY FOR NEW LIGHT SWITCH AND CONNECTION BETWEEN NEW SWITCH AND NEW LIGHTS.



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



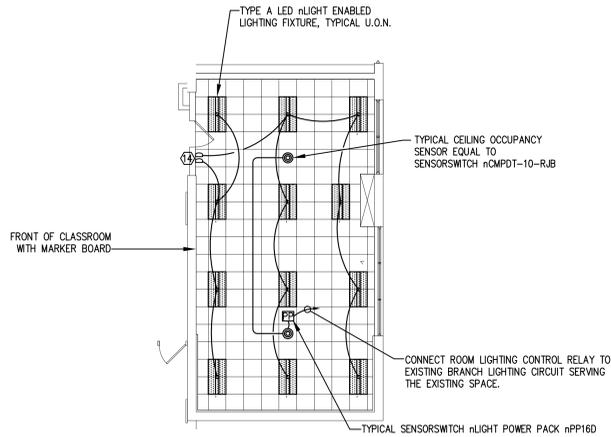
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GENERAL NOTES

1. ALL NEW LIGHTING FIXTURES SHALL BE CONNECTED TO THE EXISTING BRANCH 120-VOLT LIGHTING CIRCUIT WHICH PREVIOUSLY SERVED THE SPACE BEING RENOVATED.
2. PROVIDE BLANK COVERPLATE OVER ALL UNUSED OUTLET BOXES.

LIGHTING PLAN KEYED NOTES

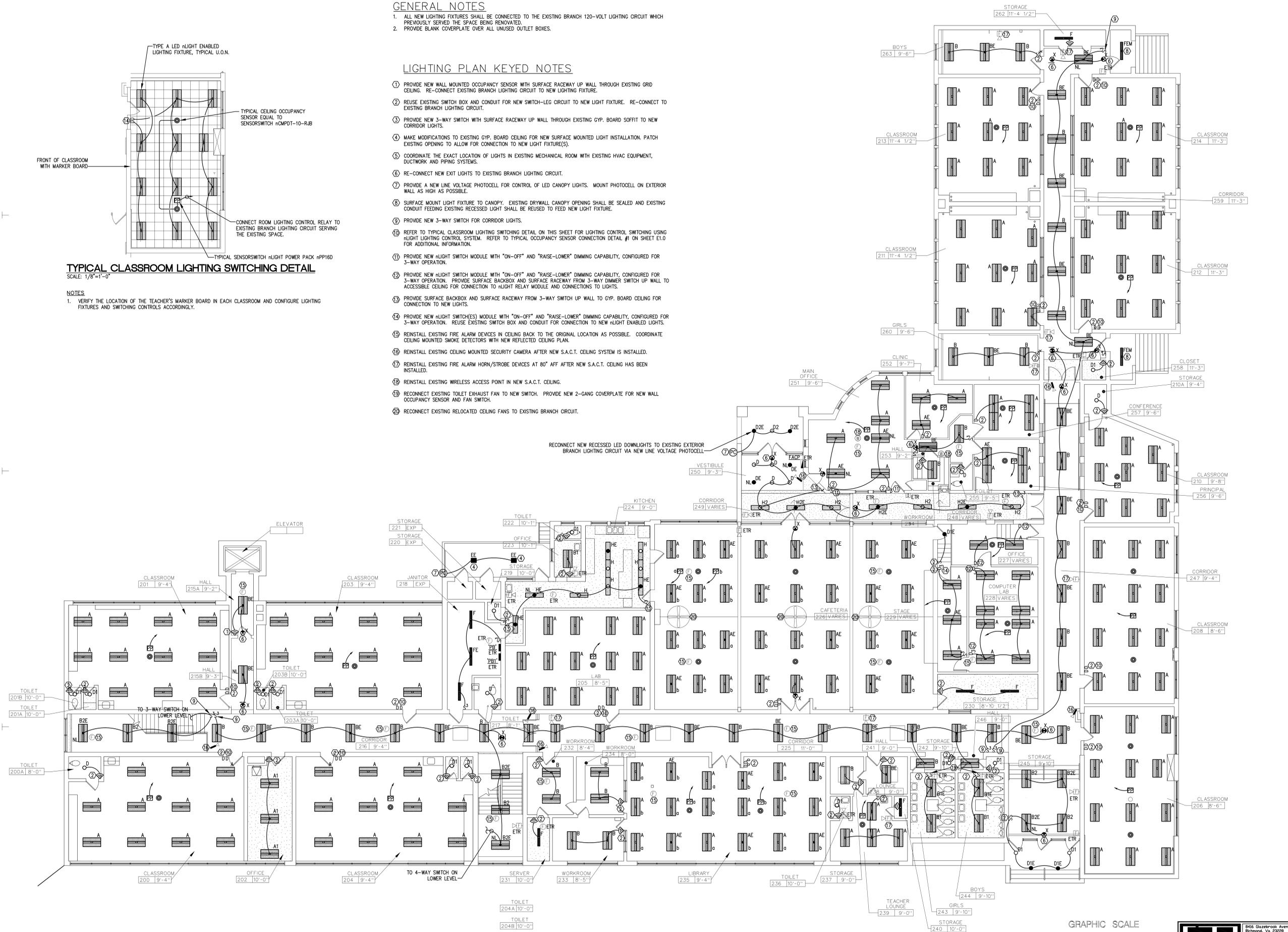
1. PROVIDE NEW WALL MOUNTED OCCUPANCY SENSOR WITH SURFACE RACEWAY UP WALL THROUGH EXISTING GRID CEILING. RE-CONNECT EXISTING BRANCH LIGHTING CIRCUIT TO NEW LIGHTING FIXTURE.
2. REUSE EXISTING SWITCH BOX AND CONDUIT FOR NEW SWITCH-LEG CIRCUIT TO NEW LIGHT FIXTURE. RE-CONNECT TO EXISTING BRANCH LIGHTING CIRCUIT.
3. PROVIDE NEW 3-WAY SWITCH WITH SURFACE RACEWAY UP WALL THROUGH EXISTING GYP. BOARD SOFFIT TO NEW CORRIDOR LIGHTS.
4. MAKE MODIFICATIONS TO EXISTING GYP. BOARD CEILING FOR NEW SURFACE MOUNTED LIGHT INSTALLATION. PATCH EXISTING OPENING TO ALLOW FOR CONNECTION TO NEW LIGHT FIXTURE(S).
5. COORDINATE THE EXACT LOCATION OF LIGHTS IN EXISTING MECHANICAL ROOM WITH EXISTING HVAC EQUIPMENT, DUCTWORK AND PIPING SYSTEMS.
6. RE-CONNECT NEW EXIT LIGHTS TO EXISTING BRANCH LIGHTING CIRCUIT.
7. PROVIDE A NEW LINE VOLTAGE PHOTOCELL FOR CONTROL OF LED CANOPY LIGHTS. MOUNT PHOTOCELL ON EXTERIOR WALL AS HIGH AS POSSIBLE.
8. SURFACE MOUNT LIGHT FIXTURE TO CANOPY. EXISTING DRYWALL CANOPY OPENING SHALL BE SEALED AND EXISTING CONDUIT FEEDING EXISTING RECESSED LIGHT SHALL BE REUSED TO FEED NEW LIGHT FIXTURE.
9. PROVIDE NEW 3-WAY SWITCH FOR CORRIDOR LIGHTS.
10. REFER TO TYPICAL CLASSROOM LIGHTING SWITCHING DETAIL ON THIS SHEET FOR LIGHTING CONTROL SWITCHING USING hLIGHT LIGHTING CONTROL SYSTEM. REFER TO TYPICAL OCCUPANCY SENSOR CONNECTION DETAIL #1 ON SHEET E1.0 FOR ADDITIONAL INFORMATION.
11. PROVIDE NEW hLIGHT SWITCH MODULE WITH "ON-OFF" AND "RAISE-LOWER" DIMMING CAPABILITY, CONFIGURED FOR 3-WAY OPERATION.
12. PROVIDE NEW hLIGHT SWITCH MODULE WITH "ON-OFF" AND "RAISE-LOWER" DIMMING CAPABILITY, CONFIGURED FOR 3-WAY OPERATION. PROVIDE SURFACE BACKBOX AND SURFACE RACEWAY FROM 3-WAY DIMMER SWITCH UP WALL TO ACCESSIBLE CEILING FOR CONNECTION TO hLIGHT RELAY MODULE AND CONNECTIONS TO LIGHTS.
13. PROVIDE SURFACE BACKBOX AND SURFACE RACEWAY FROM 3-WAY SWITCH UP WALL TO GYP. BOARD CEILING FOR CONNECTION TO NEW LIGHTS.
14. PROVIDE NEW hLIGHT SWITCH(ES) MODULE WITH "ON-OFF" AND "RAISE-LOWER" DIMMING CAPABILITY, CONFIGURED FOR 3-WAY OPERATION. REUSE EXISTING SWITCH BOX AND CONDUIT FOR CONNECTION TO NEW hLIGHT ENABLED LIGHTS.
15. REINSTALL EXISTING FIRE ALARM DEVICES IN CEILING BACK TO THE ORIGINAL LOCATION AS POSSIBLE. COORDINATE CEILING MOUNTED SMOKE DETECTORS WITH NEW REFLECTED CEILING PLAN.
16. REINSTALL EXISTING CEILING MOUNTED SECURITY CAMERA AFTER NEW S.A.C.T. CEILING SYSTEM IS INSTALLED.
17. REINSTALL EXISTING FIRE ALARM HORN/STROBE DEVICES AT 80" AFF AFTER NEW S.A.C.T. CEILING HAS BEEN INSTALLED.
18. REINSTALL EXISTING WIRELESS ACCESS POINT IN NEW S.A.C.T. CEILING.
19. RECONNECT EXISTING TOILET EXHAUST FAN TO NEW SWITCH. PROVIDE NEW 2-GANG COVERPLATE FOR NEW WALL OCCUPANCY SENSOR AND FAN SWITCH.
20. RECONNECT EXISTING RELOCATED CEILING FANS TO EXISTING BRANCH CIRCUIT.



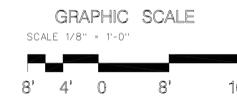
TYPICAL CLASSROOM LIGHTING SWITCHING DETAIL
SCALE: 1/8"=1'-0"

NOTES

1. VERIFY THE LOCATION OF THE TEACHER'S MARKER BOARD IN EACH CLASSROOM AND CONFIGURE LIGHTING FIXTURES AND SWITCHING CONTROLS ACCORDINGLY.



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



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