

- Avoid damage to historic finishes contiguous and adjacent to features to be
- etc.
  4. Remove abandoned fasteners, anchors, hardware, wires, staples, window

# shade hardware, etc. 5. Remove abandoned wires, pipes, fixtures, MEP devices, toilet fixtures & accessories, etc.

- frames & studs
- Remove infill wall within historic opening; salvage for possible reuse beaded board paneling, doors, door frames & studs
   Remove lower ceiting above; on walls & floors remove modern gypsum board,
- baseboard, toilet accessories, fixtures, pipes, wires, etc.

- baseboard, Italiet accessories, Intures, pipes, wires, etc.

  0. Remove CMU chinney

  E. Remove modern door & associated modern frame, threshold, etc.

  F. Remove all surminum siding & related hanging strips, foil barrier, fasteners, etc.

  G. Remove fire-damaged & detached beadboard celling & fasteners; salvage
- undamaged boodboard for reuse

  H. Remove temporary DSB floor sheathing & fasteners

# SELECT DEMOLITION FLOOR PLAN



Lead Reviewer: Mariah Gleason Date: 5/3/2021

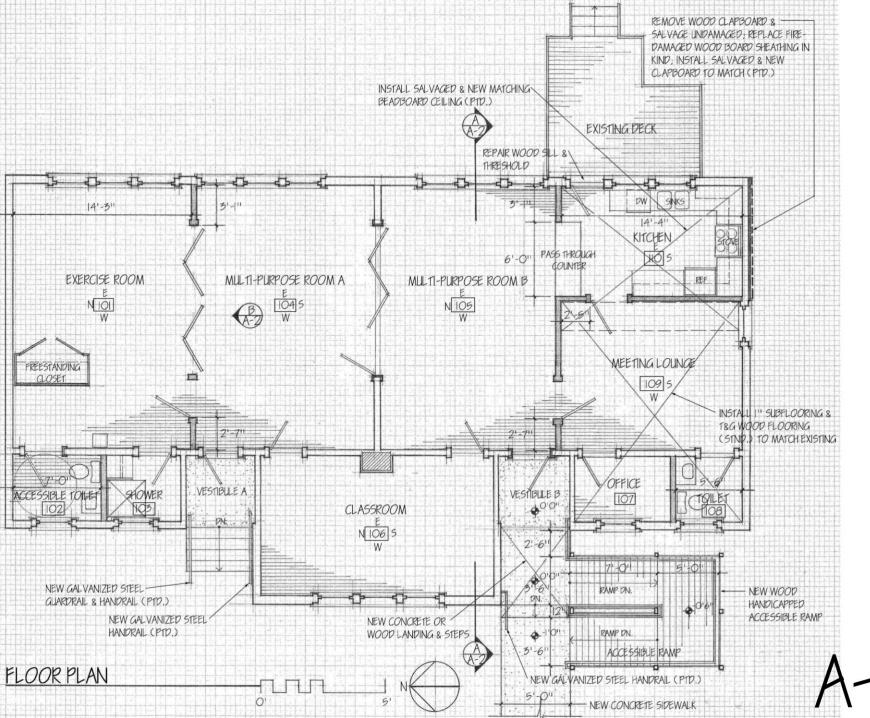
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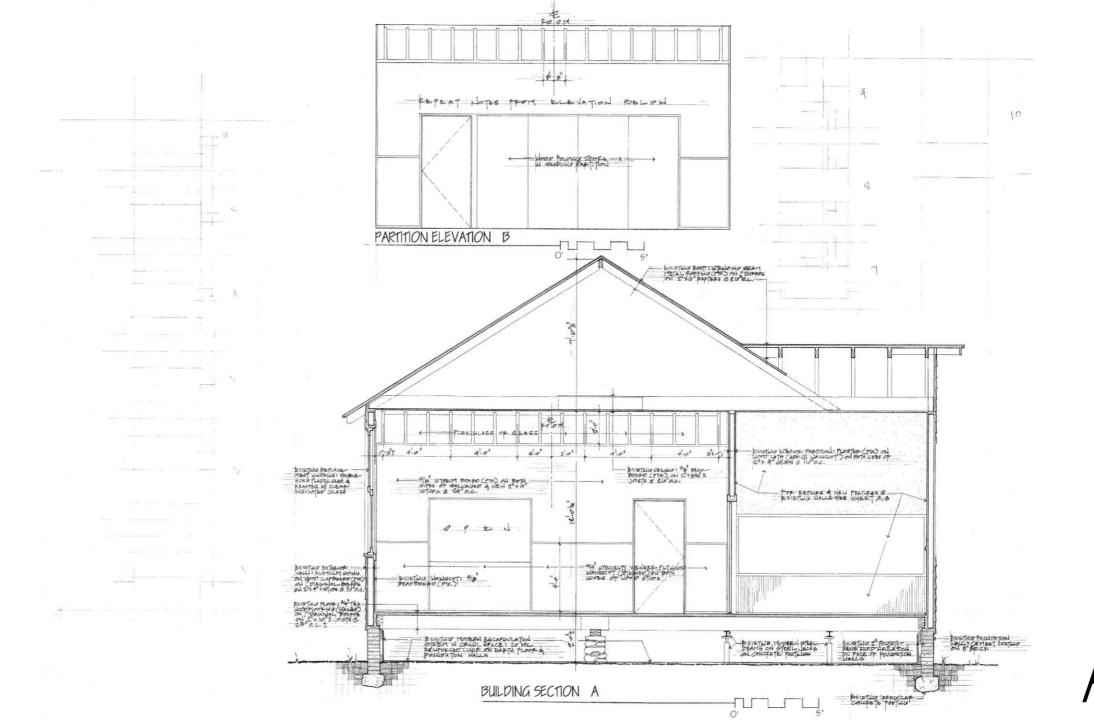


SOUTH & EAST ELEVATIONS

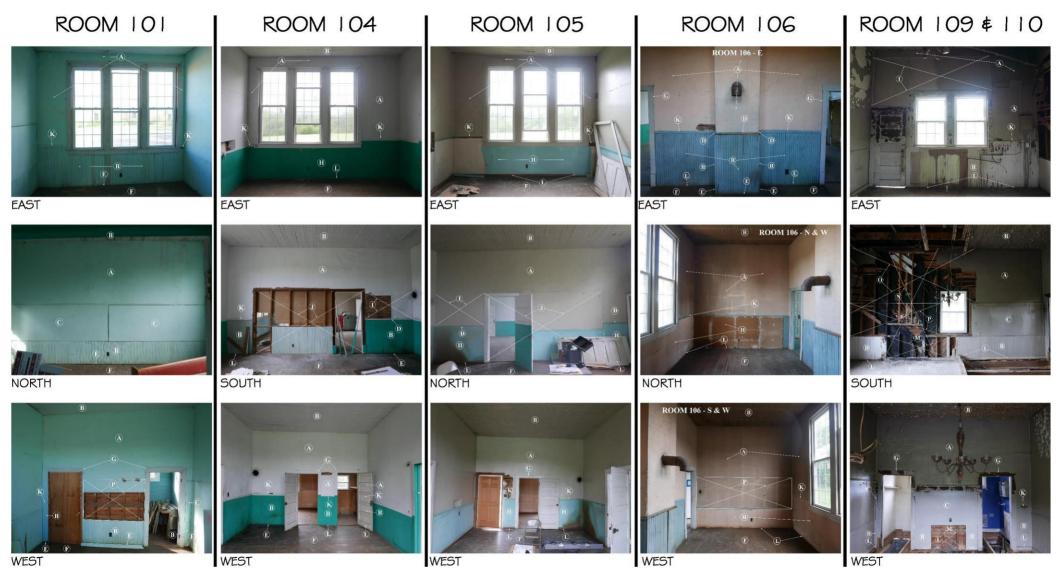


EAST & NORTH ELEVATIONS





4-2

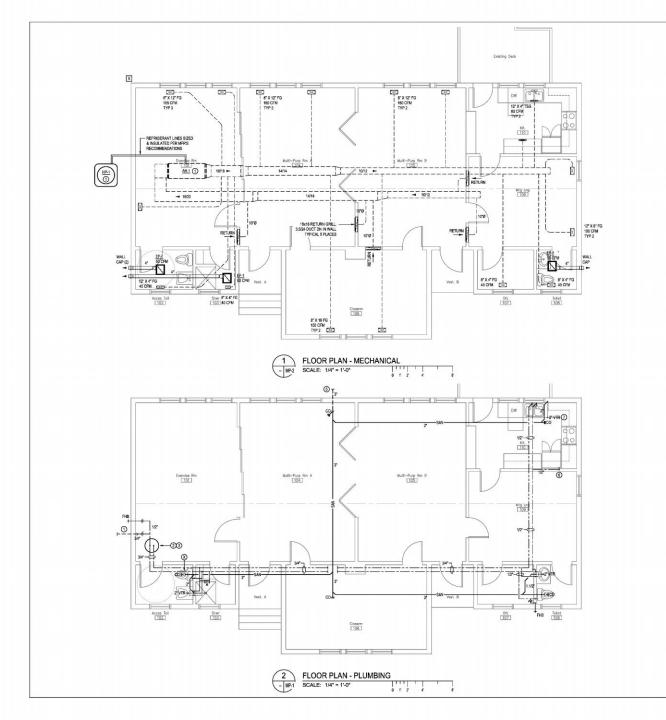


# REFERENCED WORK NOTES FOR ROOM PHOTOS

- A. Original painted plaster on wood lath
- B. Original painted beadboard
- C. Original compressed fiber blackboard & original painted wood frame
- D. Original painted wood wainscot cap
- E. Original stained wood shoe molding
- F. Original stained T&G wood flooring
- G. Original painted wood door casing with or without plinth blocks
- H. Remove later gypsum board from original beadboard wainscot below
- I. Remove later gypsum board; install plaster on metal or wood lath to match contiguous plaster

- . Remove later infill wall & door frame; salvage beadboard, studs & door frame
- . Replace later or missing wood wainscot cap with new to match original
- Replace later or missing wood base with wood shoe molding to match original
- M. Replace missing wood beadboard with new or salvaged to match original
- N. Replace and/or sister severely damaged or missing wood framing
- O. Remove severely damaged wood lath; install plaster on metal or wood lath to match contiguous plaster
- P. Install new compressed fiber blackboard & painted wood frame to match original





# MECHANICAL LEGEND

# DUCTWORK ROUTED IN ATTIC SPACE

DUCTWORK ROLLTED IN CRAWL SPACE FLOOR GRILLE (FG)

2<

CEILING EXHAUST FAN WITH BACKDRAFT DAMPER

## **GENERAL NOTES - MECH**

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH VIRGINIA STATE BUILDING CODES AND APPLICABLE INDUSTRY STANDARDS (EG, ASHRAE, ARI, SMACNA).
- ALL DUCTWORK SHALL BE GALVANIZED STEEL AND INSULATED IN ACCORDANCE WITH SWACAS STANDARDS, EXCEPTION: WITHIN SET OF SUPPLY GRILLS MAY BE PREFABRICATED / INSULATED FLEXIBLE DUCTS.
- Air Devices (GRILLES, REGISTERS) SHALL BE HART & COOLEY OR APPROVED EQUAL.
- PROVIDE SUBMITTALS FOR ALL PRODUCTS TO ARCHITECT / ENGINEER FOR REVIEW PRIOR TO INSTALLATION.
- COORDINATE ALL PENETRATIONS OF EXISTING BUILDING FABRIC AND STRUCTURE WITH ARCHITECT PRIOR TO MAKING ANY MODIFICATIONS.
- CONTRACTOR SHALL PREPARE AND SUBMIT TO OWNER HEATING & COOLING LOAD CALCULATIONS FOR THE BUILDING.

## KEY NOTES

- AIR HANDLER AND ALL ASSOCIATED HORIZONTAL DUCTS ARE TO BE LOCATED IN CRAWLSPACE, SUPPORT AIR HANDLER FROM GRADE, AND DUCTWORK FROM FLOOR STRUCTURE

# ST JOHN'S ROSENWALD SCHOOL RENOVATION ALBEMARLE COUNTY, VA

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# PLUMBING LEGEND

# SANITARY WASTE (BELOW FLOOR OR GRADE)

SANITARY WASTE (ABOVE FLOOR OR

CLEANOUT (CO) BALL VALVE

KEY NOTES

UNDERGROUND WATER LINE FROM EXISTING WELL SYSTEM. REFER TO CIVIL DRAWINGS.

SUPPLY RUNS ARE TO BE LOCATED IN CRAWLSPACE.
SUPPORT WATER HEATER FROM GRADE, AND PIPING FROM
FLOOR STRUCTURE ABOVE.

2. DOMESTIC WATER HEATER AND ALL ASSOCIATED WATER

3. SUPPORT WATER HEATER ON PRE-FAB CONCRETE PAD.

4. FREEZELESS HOSE BIBB. 24\* ABOVE FINISHED GRADE.

5. UNDERGROUND SANITARY, REFER TO CIVIL DRAWINGS.

6. ICE MAKER BOX. COORDINATE WITH REFRIGERATOR.

COORDINATE AND VERIFY ALL VTR'S WITH ARCHITECT PRIOR TO ROUGH IN.

# GENERAL NOTES - PLBG

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH CURRENTLY ADOPTED EDITIONS OF THE VIRGINIA STATE BUILDING CODES AND APPLICABLE INDUSTRY STANDARDS (I ASPE).
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL PLUMBING FIXTURES.
- COORDINATE ALL PIPE BOLITING WITH CELLING HEIGHTS. BEAMS, JOISTS, AND CONSTRUCTION ELEMENTS OF OTHER TRADES PRIOR TO INSTALLATION.
- PLUMBING CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION OF SYSTEMS AND COMMENCEMENT OF INSTALLATION, IT SHALL BE THE REPONSIBILITY OF EACH CONTRACTOR TO REVIEW THE WORK OF OTHER TRADES (INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, ELECTRICAL, HVAC) AS IT AFFECTS OTHER TRADES, TO ENSURE THAT THE CONSTRUCTION DOCUMENTS ARE CLOSELY FOLLOWED, WHERE DISCREPANCIES ARISE, THEY SHALL BE REFERRED TO THE AME FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK
- PENETRATIONS THRU CEILINGS, FLOORS OR WALLS SHALL BE SEALED WATER-TIGHT.
- 6. WASTE AND VENT PIPING SHALL BE DWV PVC.
- WATER SUPPLY PIPING SHALL BE TYPE L COPPER OR PEX. INSULATED IN ACCORDANCE WITH PLUMBING CODE.
- PROVIDE SUBMITTALS FOR ALL PRODUCTS TO ARCHITECT / ENGINEER FOR REVIEW PRIOR TO INSTALLATION.
- COORDINATE ALL PENETRATIONS OF EXISTING BUILDING FABRIC AND STRUCTURE WITH ARCHITECT PRIOR TO MAKING
- 10. WATER HEATER SHALL BE ELECTRIC 30 GALLON, LOW-BOY TYPE, STATE, AO SMITH, OR EQUAL.

ANY MODIFICATIONS.

- PLUMBING FIXTURES SHALL BE LOW CONSUMPTION TYPE.
- 12. UNLESS NOTED OTHERWISE, CWIHW MAINS ARE TO BE 3/4".
- HEAT TRACE DOMESTIC HOT WATER MAIN FROM WATER HEATER TO WITHIN 10-FT OF MOST REMOTE FIXTURE SERVED.

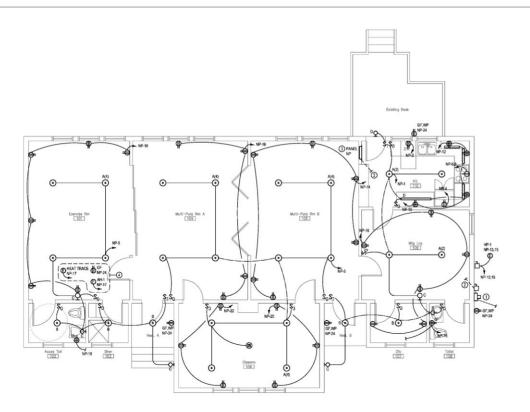
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PRELIMINARY

**NEW WORK FLOOR PLANS** 

DRAFTED BY: REC CHECKED BY: REC

MP-1





	PANEL NO.: PHASES: VOLTS		1 240V			BUS AMPS 225A MAIN CB AMPS 200A AIC RATING: <a href="mailto:ceelup"><a <="" href="m&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th colspan=4&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th rowspan=2 colspan=2&gt;&lt;/th&gt;&lt;th&gt;FLUS&lt;br&gt;LIGHT&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;ON:&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;E&lt;br&gt;HEN 11&lt;br&gt;NCH CI&lt;/th&gt;&lt;th&gt;Talanza.&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th colspan=3&gt;CIRCI&lt;/th&gt;&lt;th colspan=2&gt;&lt;/th&gt;&lt;th&gt;LOAD&lt;/th&gt;&lt;th&gt;DESCRIPTION&lt;/th&gt;&lt;th&gt;NOTES&lt;/th&gt;&lt;th colspan=2&gt;BREAKER&lt;/th&gt;&lt;th colspan=2&gt;CKT.&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;NOTES&lt;/th&gt;&lt;th&gt;DESCRIPTION&lt;/th&gt;&lt;th&gt;LOAD&lt;/th&gt;&lt;th colspan=4&gt;CIRCUIT&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;SETS&lt;/th&gt;&lt;th&gt;WIRE&lt;/th&gt;&lt;th&gt;NEUT.&lt;/th&gt;&lt;th&gt;GND.&lt;/th&gt;&lt;th&gt;CND.&lt;/th&gt;&lt;th&gt;AMPS.&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;POLE&lt;/th&gt;&lt;th&gt;AMP.&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;AMP.&lt;/th&gt;&lt;th&gt;POLE&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;AMPS.&lt;/th&gt;&lt;th&gt;SETS&lt;/th&gt;&lt;th&gt;WIRE&lt;/th&gt;&lt;th&gt;NEUT.&lt;/th&gt;&lt;th&gt;GND.&lt;/th&gt;&lt;th&gt;CND&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;1&lt;/td&gt;&lt;td&gt;#12&lt;/td&gt;&lt;td&gt;#12&lt;/td&gt;&lt;td&gt;#12&lt;/td&gt;&lt;td&gt;3/4*&lt;/td&gt;&lt;td&gt;7.5&lt;/td&gt;&lt;td&gt;LIGHTING - KITCHEN&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;1&lt;/td&gt;&lt;td&gt;20&lt;/td&gt;&lt;td&gt;1.&lt;/td&gt;&lt;td&gt;A&lt;/td&gt;&lt;td&gt;2&lt;/td&gt;&lt;td&gt;20&lt;/td&gt;&lt;td&gt;1&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;DISHWASHER&lt;/td&gt;&lt;td&gt;12.5&lt;/td&gt;&lt;td&gt;1&lt;/td&gt;&lt;td&gt;#12&lt;/td&gt;&lt;td&gt;#12&lt;/td&gt;&lt;td&gt;#12&lt;/td&gt;&lt;td&gt;3/4" td=""></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>																
1	#12	#12	#12	3/4"	10.0	LIGHTING - MULTI-PURP B		1	20	3	8	4	20	1		REFRIGERATOR	12.5	1	#12	#12	912	3/4"
1	#12	#12	#12	3/4"	7.5	LIGHTING - EXERCISE RM		- 1	20	5	A	- 6	.40	2		RANGE	31.3	1	#8	#8	#10	3/4"
					0.0	SPACE		1	1	7	В	8					31.3	1				
					0.0	SPACE		1.5		9	A	10	20	1		RECPT - 110 KITCHEN	0.0	1	#12	#12	212	3/4"
					0.0	SPACE		1		11	В	12	20	1		RECPT - 110 KITCHEN	0.0	-1	#12	#12	#12	3/4"
1	#10	#10	#10	3/4"	20.8	WATER HEATER		2	30	13	A	14	20	1		RECPT - 107 OFC, 109 MTG LNGE	0.1	1	#12	#12	#12	3/4"
					20.8	100000000000000000000000000000000000000		200	15	B	16	20	1		RECPT - 102 & 108 TOILET	0.1	1	#12	#12	#12	34"	
1	#4	#4	#8	1*	62.5	AIR HANDLER AH-1		2	80	17	A	18	20	1		RECPT - 107 OFC, 109 MTG LNGE	0.1	1	#12	#12	#12	34"
		1	100		62.5					19	В	20	20	1		RECPT - CLASSRM 106	0.0	1	#12	#12	912	3/4"
1	#12	#12	#12	3/4"	0.0	CONDENSING UNIT		2 2	20	21	A	22	20	1		RECPT - CLASSRM 106	0.0	1	#17	#12	#12	34"
					0.0					23	В	24	20	1		RECPT - CRAWLSPACE	0.0	1	#12	#12	812	34"
					0.0	SPACE		-3		25	A	26		1		SPACE	0.0				-	
					0.0	SPACE		1		27	В	28		1		SPACE	0.0					
					0.0	SPACE		-3		29	A	30		1		SPACE	0.0					

## **ABBREVIATIONS**

AIR CONDITIONER OR ALTERNATING CURRENT AR COMPIONES OR ALTERNATING CURRENT ADMITTERSHIPS AND ALTERNATION OF A STATE EXHAUST FAN EQUIPMENT GROUNDING CONDUCTOR

PC
PNL
REC
REFR
RM
SE
SPD
SURF
TEL
TELECOM
TTL
UG
UNO
UST
V

FEEDER FOOT, FEET FOOT, FEET GROUND FAULT GROUND FAULT CIRCUIT INTERRUPTER GROUND HORSEPOWER HEATING, VENTILATING & AIR CONDITIONING KILOVOLT AMPERE MAIN BREAKER MECHANICAL CONTRACTOR MECHANICAL MINIMUM MAIN LUGS ONLY MOUNTED NATIONAL ELECTRIC CODE POLE PLUMBING CONTRACTOR PLUMBING CONTRACTOR
PANEL
RECEPTACLE
REFRIGERATOR
ROOM
SERVICE ENTRANCE
SURGE PROTECTIVE DEVICE
SURGACE
TELEPHONE
TELECOMMUNICATIONS TOTAL TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE

# **ELECTRICAL LEGEND**

CIRCUIT HOMERUN UNSWITCHED CIRCUIT LEG (LIGHTING) ----- CONDUIT UNDERGROUND OR UNDERSLAB

III GROUNDING CONNECTION

WIRING DEVICES S<sub>X</sub> WALL SWITCH, AT 48"AFF UNO. SUBSCRIPTS INDICATE THE FOLLOWING: (NONE) SINGLE POLE THREE-WAY OCCUPANCY SENSOR TIMER, ELECTRONIC VACANCY SENSOR

DUPLEX RECEPTACLE AT 18" AFF OR GRADE, UNO. SUBSCRIPTS INDICATE THE FOLLOWING: GF GROUND FAULT CIRCUIT INTERRUPTER H MOUNTED HORIZONTALLY WEATHERPROOF AND GFCI TYPE

■ IMPLEX RECEPTACLE MOUNTED 2\* FROM TOP OF BACKSPLASH TO BOTTOM EDGE OF FACEPLATE. BOTTOM EDGE OF FACEPLATE.

QUAD RECEPTACLE AT 18" AFF, UNO

SINGLE RECEPTACLE AT 18" AFF, 120V, 20A, UNO

HANDICAP DOOR OPERATOR, MH AS INDICATED

EQUIPMENT CONNECTION

POWER DISTRIBUTION

PANELBOARD, FLUSH MOUNTED, 120/208V

DISCONNECT SWITCH NF NON FUSED F,# FUSED, # INDICATES FUSE SIZE

MOTOR CONNECTION, HP INDICATED.

A METER

LIGHT FIXTURES UNDERCABINET TYPE

HO WALL MOUNTED TYPE

CEILING MOUNTED TYPE

# **® KEY NOTES**

- 1. NEW UNDERGROUND ELECTRIC SERVICE AND METER BY POWER COMPANY - 120/240V, 1-PH
- (3)/3/0 AWG FEEDER AND GROUND IN NON-METALLIC CONDUIT ROUTED THROUGH CRAWL SPACE TO PANEL NP.

UNDERGROUND STORAGE TAN VOLT VOLT AMPERES

- NEW PANEL "NP" 120/240V, 1-PH, 3W, 200A, 42 POLE, WITH 200A MAIN BREAKER. SERVICE ENTRANCE RATED.

# **GENERAL NOTES**

- LOCATED IN CRAWL SPACE. REFER TO PLUMBING AND MECHANICAL PLANS.
- PLACE J-BOXES IN ACCESSIBLE CEILINGS OR LOCATIONS, ANY ACCESS PANELS REQUIRED SHALL BE COORDINATED WITH ARCHITECT.
- REFER TO ARCHITECTURAL LIGHTING PLANS FOR LIGHT FOXURE TYPES.
- REFER TO PLUMBING AND MECHANICAL AND PLANS FOR LOCATIONS OF ALL PLUMBING AND MECHANICAL EQUIPMENT.
- ELECTRICAL TRANSPORT AND MICHARITY EQUIPMENT.

  BERTHAL CONTRETOR SHALL CONCIDENTE THAN YORK
  WITH ALL OTHER TRACES PRORT TO TARRECATION OF SYSTEMS
  AND COMMENTEDER OF THE RESTRICAL CONTINUED TO EVERY
  RESPONSIBLITY OF THE BERTHALL CONTINUED TO THE WERE
  RESPONSIBLITY OF THE BERTHALL CONTINUED TO REVERT
  AS THE RESTRICT OF THE TRACES TO REQUEST THAT THE
  CONTRECTOR DOCUMENTS ARE CLOSILLY FOLLOWED WHERE
  DISCIPLINATED AND RESTRICTS TO THE STEMENT OF THE
  AND THE TO TRACES THE RESOLUTION REFORE PROCESSION
  WITH THE ROOM.
- THIS PROJECT REQUIRES SPECIAL CARE AND ATTENTION BY THE INSTALLING CONTRACTORS, ALL WORK SHALL BE CLOSELY COORDINATED WITH THE ARCHITECTEMBRISE DURING CONSTRUCTION WITH REGARDS TO THE ABSTHETICS OF THE BUILDING.



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SCHOOL RENOVATION

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SEAL

mm/dd/2020 mm/dd/2020

PRELIMINARY

**ELECTRICAL** FLOOR PLAN

DRAFTED BY: REC CHECKED BY: REC 12/03/2020

E-1

GENERAL decision on folding walts or fixed walts?

PLUMBING firture preferences

HVAC single-zone or need multiple zones

ELECTRIC preferred location for electric panel/service types of lighting what plug-in loads will there be