

**SYMBOL KEY**  
 EXISTING WALL TO REMAIN  
 NEW WALL  
 EXISTING WALL TO BE REMOVED

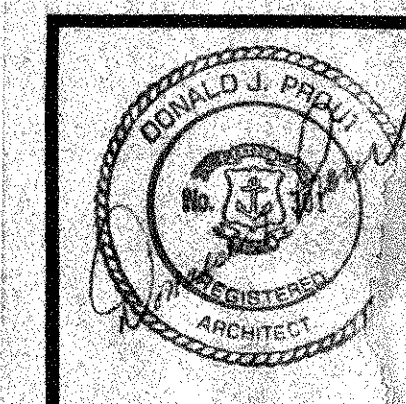
**PARTIAL 2ND FLOOR PLAN**  
 1/4" = 1'-0"

**NOTES:**  
 1. DUCT TRIM EXIST. CEILING. COORDINATE PLACEMENT OF DUCT AND ROOF EXHAUST VENT(S) WITH CEILING & ROOF CONSTRUCTION. SEE ALSO MECH. DWGS. FOR FROTH EXHAUST SYSTEMS.

- GENERAL NOTES**
- G.C. SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND SHALL REPORT TO ARCHITECT ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
  - IN THE EVENT THAT EXISTING UNFORSEEN ASBESTOS OR ASBESTOS RELATED ITEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE G.C. SHALL IMMEDIATELY HALT THE WORK AND NOTIFY THE OWNER AND ARCHITECT.
  - G.C. SHALL PROVIDE ALL REQUIRED SHORING/BRACING IN NEW OPENINGS AND ENLARGEMENTS OF EXISTING OPENINGS IN EXISTING WALLS.
  - EXISTING CEILINGS TO REMAIN UNLESS NOTED OTHERWISE. REMOVE EXISTING CEILINGS AS REQUIRED AT AREAS AFFECTED BY NEW WORK. COORDINATE CUTTING AND PATCHING/REPAIR OF EXISTING CEILINGS AND WALLS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
  - ALL DIMENSIONS TO FACE OF EXISTING WALLS UNLESS NOTED OTHERWISE.
- GENERAL REMOVAL NOTES**
- PATCH/REPAIR/REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK TO MATCH AND ALIGN WITH EXISTING ADJACENT SURFACES SCHEDULED TO REMAIN, AND PREPARE TO RECEIVE NEW FINISHES SPECIFIED. SURFACES REQUIRED TO REMOVE SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
  - COORDINATE ALL DEMOLITION WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS.
- SPECIFIC REMOVAL NOTES**
- REMOVE EXISTING CMU WALL CONSTRUCTION TO EXTENT SHOWN FROM FLOOR TO UNDERSIDE OF CEILING. COORDINATE REMOVAL OF EXISTING STRUCTURAL STEEL LINTEL WITH STRUCTURAL NOTES. SEE ALTERNATE NO. 6.
  - REMOVE PORTION OF EXISTING MASONRY DUCT FROM EXISTING FLOOR TO LINE OF EXISTING CEILING. REMOVE EXISTING WALL MOUNTED GRILLE. FILL IN EXISTING OPENING WITH CMU TO MATCH EXISTING AND FINISH CLASSROOM SIDE TO MATCH ADJACENT WALL FINISH. SEE DETAIL A/A-1. SEE ALTERNATE NO. 6.
  - REMOVE EXISTING WOOD SHELVING. TURN OVER TO OWNER.
  - REMOVE EXISTING WOOD STUD PARTITION IN ITS ENTIRETY.
  - REMOVE EXISTING WOOD DOOR AND FRAME.
  - REMOVE EXISTING TACKBOARD AND WOOD FRAME IN ITS ENTIRETY.
  - REMOVE EXISTING WOOD TRIM AND WOOD BASE FOR LENGTH OF NEW CABINETS. SEE ALTERNATE NO. 7 AND 8.
  - REMOVE EXISTING CLOSET DOORS AND HARDWARE AND WOOD TRIM WITHIN EXISTING WOOD CASED OPENING. EXISTING WOOD CASING TO REMAIN. SEE ALTERNATE NO. 5.
  - REMOVE EXISTING WOOD SHELVES, COAT HOOKS. SEE ALTERNATE NO. 5.
  - REMOVE AND RELOCATE EXISTING SAFETY GOGGLE CABINET. SEE ALTERNATE NO. 5.
  - REMOVE EXISTING POWER POLES. SIX TOTAL. COORDINATE REMOVALS WITH ELECTRICAL DRAWINGS. PROVIDE COVERPLATES AT CEILINGS AS REQUIRED.
  - REMOVE EXISTING EYEWASH AND SHOWER FIXTURES AND RELATED FITTING. COORDINATE WITH PLUMBING DRAWINGS. SEE ALTERNATE NO. 9.
  - REMOVE EXISTING DEMONSTRATION TABLES. COORDINATE WITH PLUMBING AND ELECTRICAL DRAWINGS. SEE ALTERNATE NO. 3.
  - REMOVE EXISTING CHALKBOARD AND WOOD TRIM/CHALKRAIL IN ITS ENTIRETY.
  - REMOVE EXISTING HOMAROT PANEL ON EXISTING WALL.
  - REMOVE PORTION OF EXISTING WALL CONSTRUCTION INCLUDING WOOD TRIM AND BASE TO EXTENT SHOWN TO ACCEPT NEW CASING (AND DOOR AS OCCURS). SEE ALTERNATE NO. 4.
  - REMOVE EXISTING CMU WALL CONSTRUCTION.
  - REMOVE EXISTING WOOD SHELVING TO EXTENT SHOWN AND TURN OVER TO OWNER.
  - REMOVE EXISTING WOOD SHELVING AND TURN OVER TO OWNER. DISASSEMBLE COMPONENT PARTS AS REQUIRED TO ALLOW OWNER TO RE-ASSEMBLE IN THE FUTURE.
  - REMOVE EXISTING TACKBOARD AND WOOD TRIM IN ITS ENTIRETY. SEE ALTERNATE NO. 4.
  - REMOVE EXISTING WOOD SHELVING TO EXTENT SHOWN. SHELF REMOVAL LIMITED TO AREA BETWEEN EXISTING VERTICAL SUPPORTS. PATCH/REPAIR AREA DAMAGED BY REMOVAL AND FINISH TO MATCH EXISTING. SEE ALTERNATE NO. 1.
  - REMOVE PORTION OF EXISTING CMU WALL CONSTRUCTION AS REQUIRED TO ALLOW FOR INSTALLATION OF NEW DOOR AND FRAME. COORDINATE WITH STRUCTURAL NOTES FOR NEW LINTEL AT HEAD. SEE ALTERNATE NO. 1.
  - REMOVE EXISTING PROJECT SCREEN - TURN OVER TO OWNER.

SHEET TITLE  
 PARTIAL FLOOR  
 PLAN, INTERIOR  
 ELEVATIONS & DETAILS

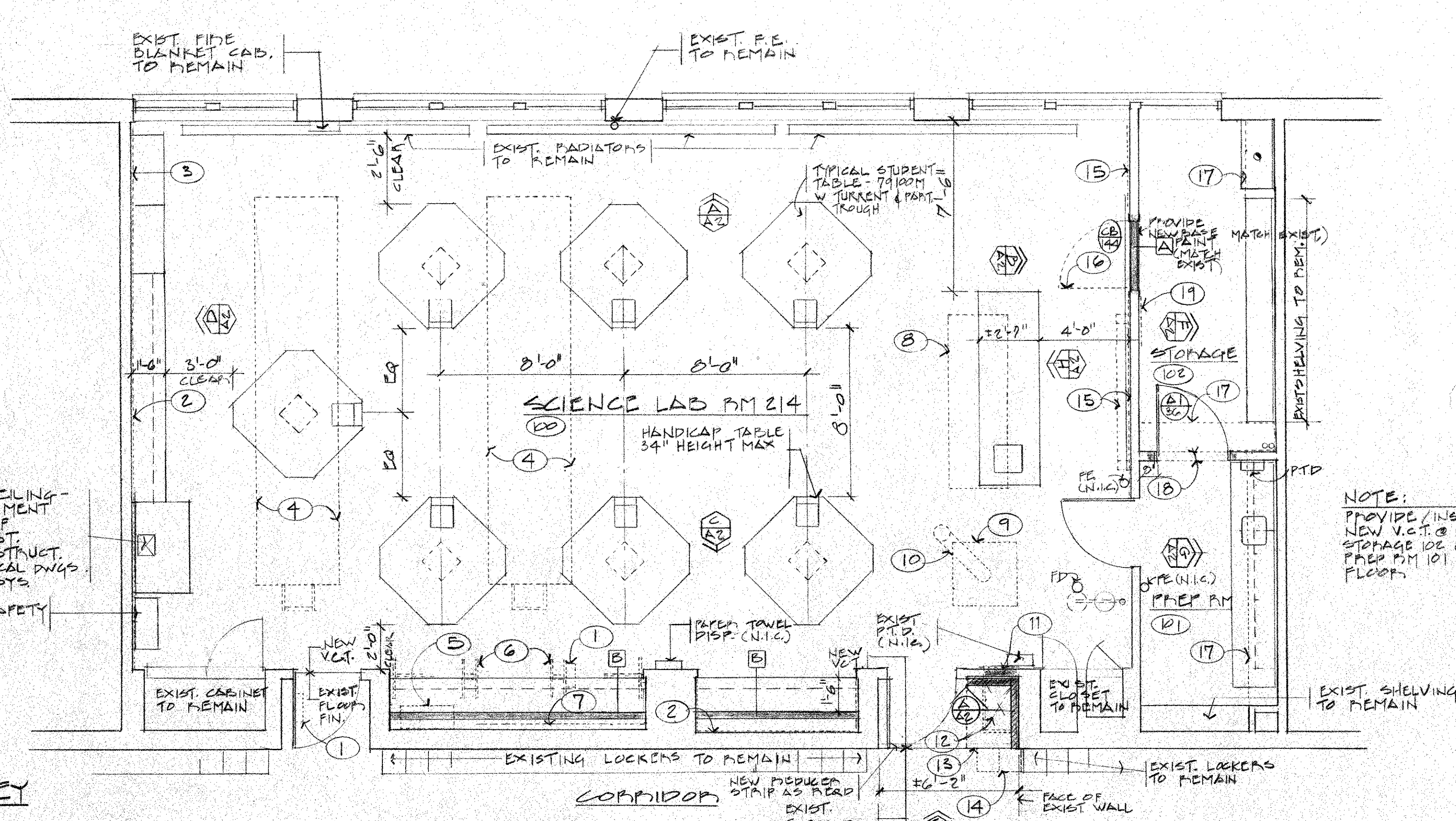
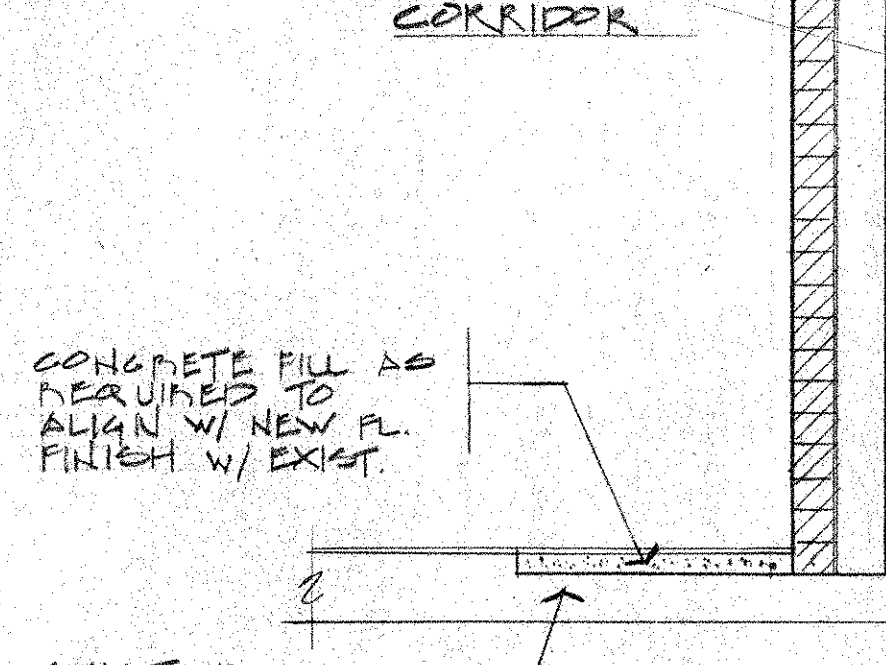
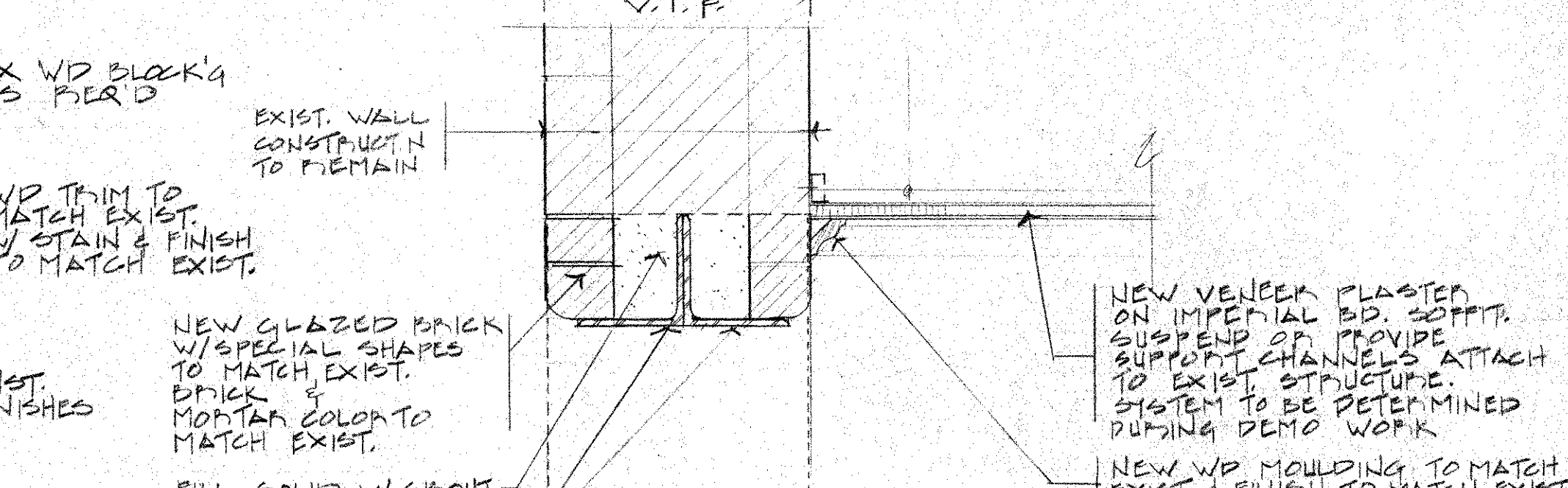
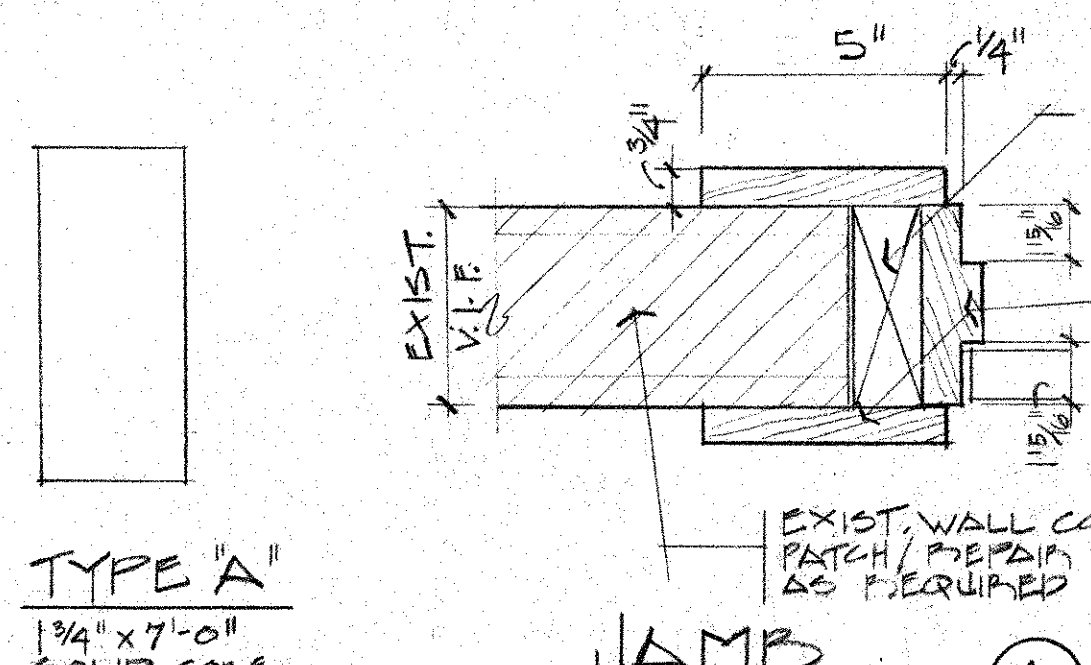
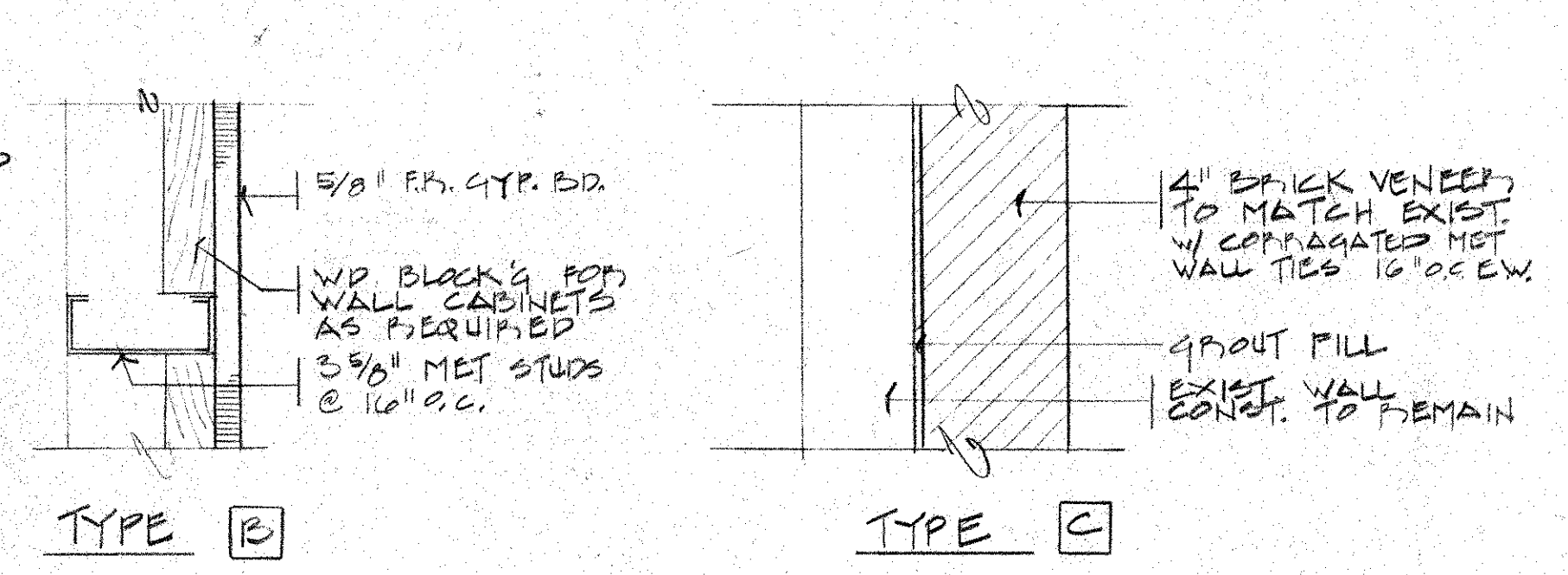
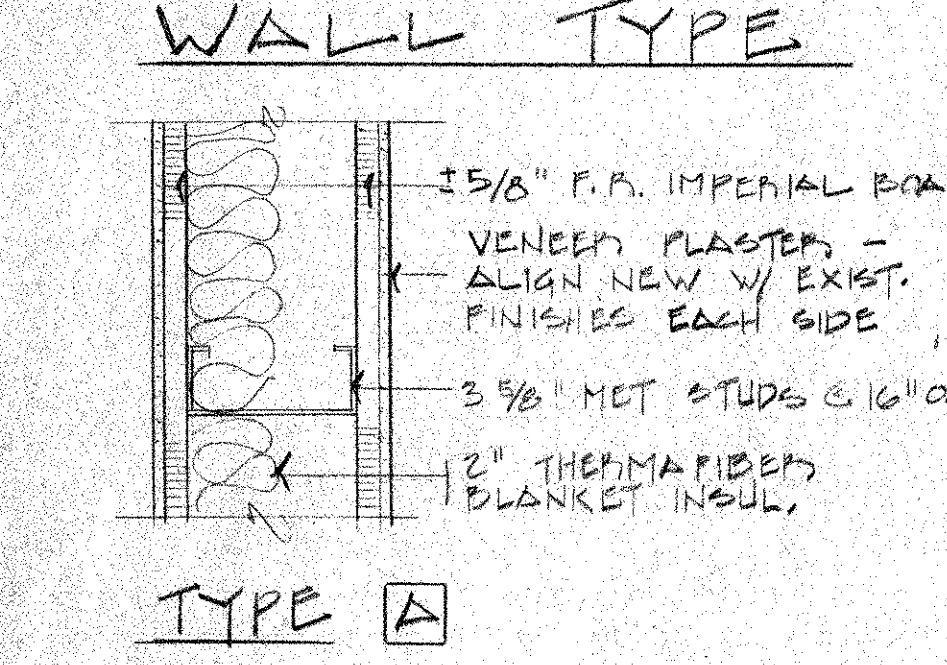
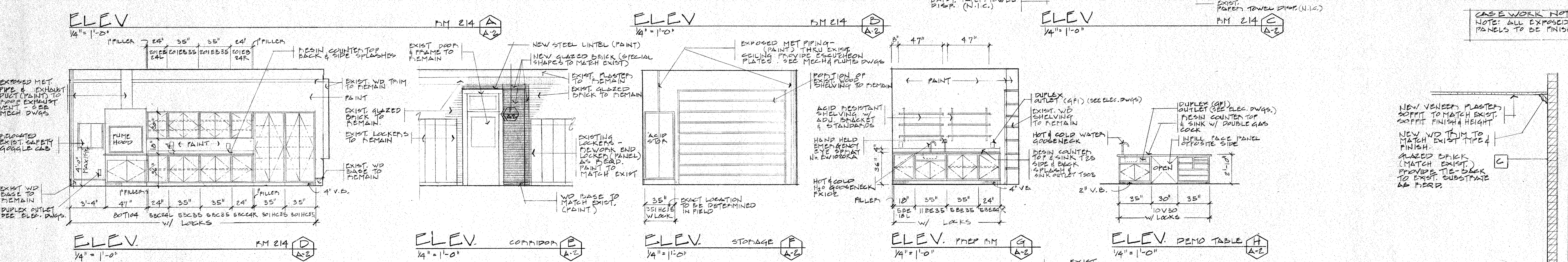
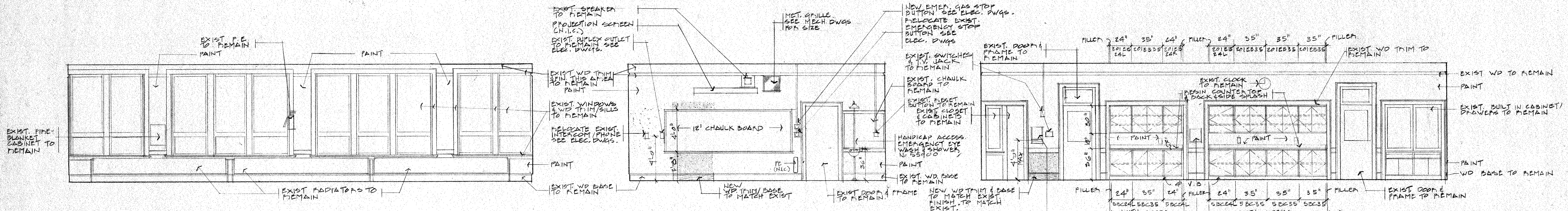
DONALD PROUT ASSOCIATES  
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 ARCHITECTS  
 PLANNERS  
 GRANSTON  
 RHODE ISLAND



PROJECT  
 RENOVATION  
 TO  
 WARWICK  
 SCHOOL  
 SCIENCE  
 LABS

GORTON  
 JR. HIGH

NO.	DATE	REVISION
1	9/6/01	A-1



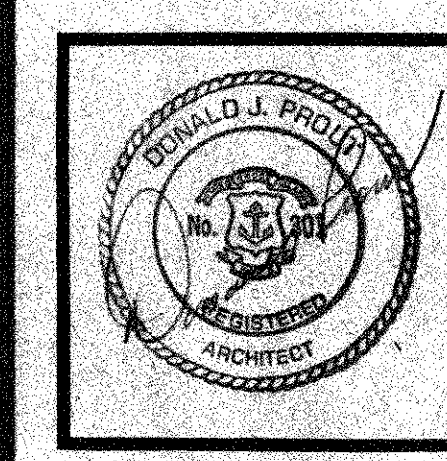
**SYMBOL KEY**  
 EXISTING WALL TO REMAIN  
 NEW WALL  
 EXISTING WALL TO BE REMOVED

**PARTIAL SECOND PLAN**  
 1/4" = 1'-0"

- GENERAL REMOVAL NOTES**
- G.C. SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND SHALL REPORT TO ARCHITECT ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
  - IN THE EVENT THAT EXISTING UNIFORMED ASBESTOS OR ASBESTOS RELATED ITEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE G.C. SHALL IMMEDIATELY HALT THE WORK AND NOTIFY THE OWNER AND ARCHITECT.
  - G.C. SHALL PROVIDE ALL REQUIRED SHORING/BRACING AT NEW OPENINGS AND ENLARGEMENTS OF EXISTING OPENINGS IN EXISTING WALLS.
  - EXISTING CEILING TO REMAIN UNLESS NOTED OTHERWISE. REMOVE EXISTING CEILING AS REQUIRED BY AREAS AFFECTED BY NEW WORK. COORDINATE CUTTING AND PATCHING/REPAIR OF EXISTING CEILING AND WALLS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
  - ALL DIMENSIONS TO FACE OF EXISTING WALLS UNLESS NOTED OTHERWISE.
- SPECIFIC REMOVAL NOTES**
- REMOVE EXISTING DOOR MOUNTED PAPER TOWEL HOLDER AND TURN OVER TO OWNER.
  - REMOVE EXISTING WOOD TRIM AND WOOD BASE FOR LENGTH OF NEW CABINETS. SEE ALTERNATE NO. 14 AND 15.
  - REMOVE EXISTING TACKBOARD AND WOOD TRIM IN ITS ENTIRETY. SEE ALTERNATE NO. 14 AND 15.
  - REMOVE EXISTING LABORATORY TABLE AND SINK IN ITS ENTIRETY. COORDINATE WITH PLUMBING AND ELECTRICAL DRAWINGS.
  - REMOVE AND RELOCATE EXISTING SAFETY GOOGLE CABINET. SEE ALTERNATE NO. 15.
  - REMOVE EXISTING CLOSET DOORS, RELATED HARDWARE, AND WOOD TRIM WITH IN EXISTING WOOD CASING OPENING. EXISTING WOOD CASING TO REMAIN. SEE ALTERNATE NO. 15.
  - REMOVE EXISTING WOOD SHELVING AND COAT HOOKS. SEE ALTERNATE NO. 15.
  - REMOVE EXISTING DEMONSTRATION TABLES. COORDINATE WITH PLUMBING AND ELECTRICAL DRAWINGS. SEE ALTERNATE NO. 15.
  - REMOVE EXISTING FINE HOOD AND TABLE.
  - REMOVE EXISTING EXHAUST DUCT UP TO UNDERSIDE OF EXISTING ROOF STRUCTURE.
  - REMOVE EXISTING WALL MOUNTED GRILL. FILL IN EXISTING OPENING WITH CMU TO MATCH EXISTING AND FINISH CLASSROOM SIDE TO MATCH EXISTING. SEE ALTERNATE NO. 15.
  - REMOVE EXISTING DUCT WORK FROM BELOW EXISTING FLOOR TO LINE OF EXISTING CEILING. SEE DETAIL A/A-2. SEE ALTERNATE NO. 12.
  - REMOVE EXISTING CMU WALL CONSTRUCTION TO EXTENT SHOWN FROM FLOOR TO UNDERSIDE OF CEILING. COORDINATE REMOVAL OF EXISTING STRUCTURAL STEEL LINTEL WITH STRUCTURAL NOTES. SEE ALTERNATE NO. 12.
  - REMOVE EXISTING LOCKERS (TWO) AND TURN OVER TO OWNER. PATCH/REPAIR ADJACENT LOCKER TO REMAIN AS REQUIRED. SEE ALTERNATE NO. 12.
  - REMOVE EXISTING CHALKBOARD AND WOOD TRIM/CHALKRAIL IN ITS ENTIRETY.
  - REMOVE EXISTING DOOR AND FRAME.
  - REMOVE EXISTING WOOD SHELVING TO EXTENT SHOWN AND TURN OVER TO OWNER.
  - REMOVE EXISTING WALL CONSTRUCTION TO ALLOW FOR NEW DOOR AS SHOWN.

SHEET TITLE  
 PARTIAL FLOOR PLAN, INTERIOR ELEV. & DETAILS

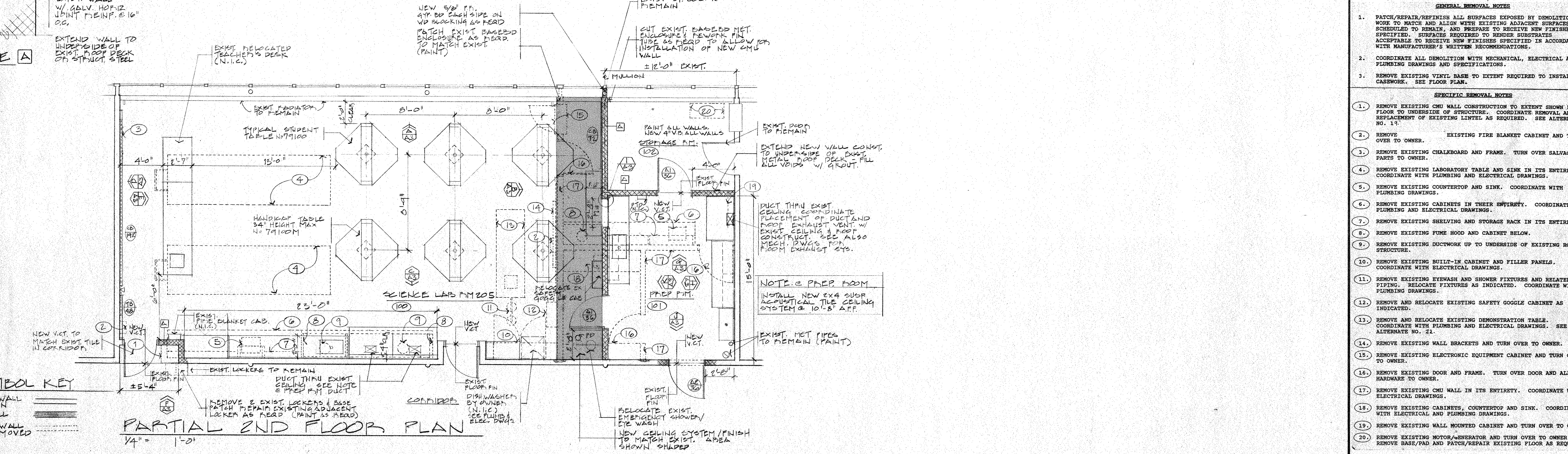
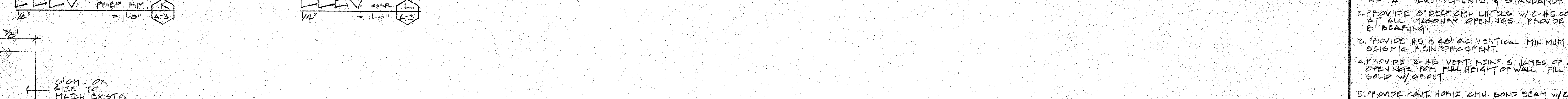
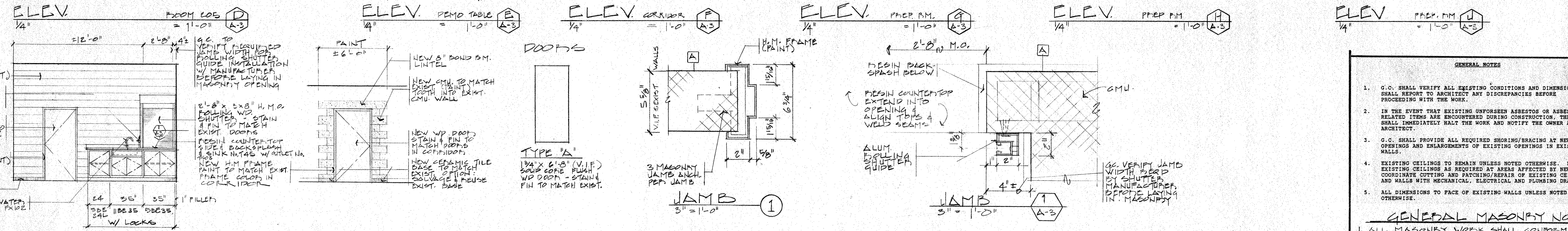
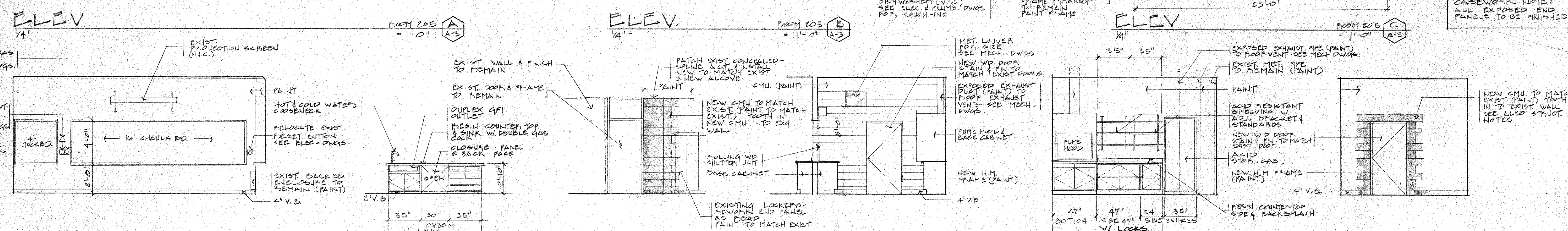
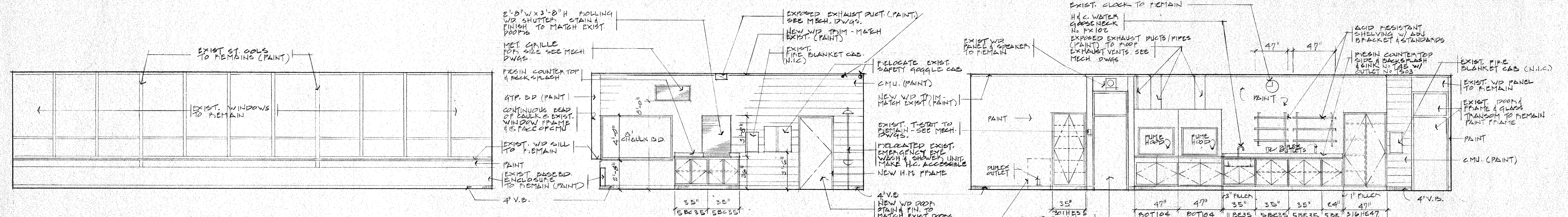
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 CRANSTON  
 RHODE ISLAND



PROJECT  
 RENOVATION  
 TO  
 WARWICK  
 SCHOOL  
 SCIENCE  
 LABS

ALDRICH  
 JR. HIGH

DATE	REVISION
7/16/11	A2



CASEWORK NOTE: ALL EXPOSED END PANELS TO BE FINISHED

- GENERAL NOTES**
- G.C. SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND SHALL REPORT TO ARCHITECT ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
  - IN THE EVENT THAT EXISTING UNFORSEEN ASBESTOS OR ASBESTOS RELATED ITEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE G.C. SHALL IMMEDIATELY HALT THE WORK AND NOTIFY THE OWNER AND ARCHITECT.
  - G.C. SHALL PROVIDE ALL REQUIRED SHORING/BRACING AT NEW OPENINGS AND ENLARGEMENTS OF EXISTING OPENINGS IN EXISTING WALLS.
  - EXISTING CEILING TO REMAIN UNLESS NOTED OTHERWISE. REWORK EXISTING CEILING AS REQUIRED AT AREAS AFFECTED BY NEW WORK. COORDINATE CUTTING AND PATCHING/REPAIR OF EXISTING CEILING AND WALLS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
  - ALL DIMENSIONS TO FACE OF EXISTING WALLS UNLESS NOTED OTHERWISE.

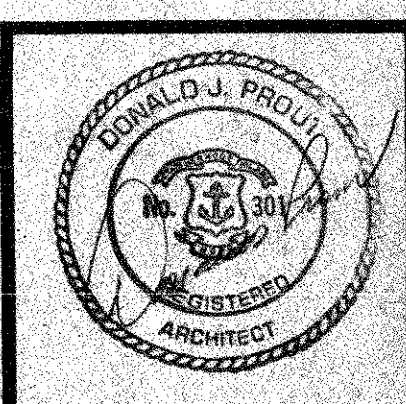
- GENERAL MASONRY NOTES**
- ALL MASONRY WORK SHALL CONFORM TO N.C.M.A. REQUIREMENTS & STANDARDS.
  - PROVIDE 8" DEEP CMU LINTELS W/ 6-#5 CONT. AT ALL MASONRY OPENINGS. PROVIDE MIN. 8" BEARING.
  - PROVIDE #5 @ 48" O.C. VERTICAL MINIMUM SEISMIC REINFORCEMENT.
  - PROVIDE 2-#5 VERT. REINF. & JAMBS OF ALL OPENINGS FOR FULL HEIGHT OF WALL. FILL CORES SOLID W/ GROUT.
  - PROVIDE CONT. HORIZ. CMU BOND BEAM W/ 6-#5 CONT. @ TOP OF ALL CMU WALLS.

- SPECIFIC REMOVAL NOTES**
- PATCH/REPAIR/REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK TO MATCH AND ALIGN WITH EXISTING ADJACENT SURFACES. SURFACES REQUIRED TO RENDER SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
  - COORDINATE ALL DEMOLITION WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS.
  - REMOVE EXISTING VINYL BASE TO EXTENT REQUIRED TO INSTALL NEW CASEWORK. SEE FLOOR PLAN.

- GENERAL REMOVAL NOTES**
- REMOVE EXISTING CMU WALL CONSTRUCTION TO EXTENT SHOWN FROM FLOOR TO UNDERSIDE OF STRUCTURE. COORDINATE REMOVAL AND REPLACEMENT OF EXISTING LINTEL AS REQUIRED. SEE ALTERNATE NO. 14.
  - REMOVE OVER TO OWNER. EXISTING FIRE BLANKET CABINET AND TURN OVER TO OWNER.
  - REMOVE EXISTING CHALKBOARD AND FRAME. TURN OVER SALVAGEABLE PARTS TO OWNER.
  - REMOVE EXISTING LABORATORY TABLE AND SINK IN ITS ENTIRETY. COORDINATE WITH PLUMBING AND ELECTRICAL DRAWINGS.
  - REMOVE EXISTING COUNTERTOP AND SINK. COORDINATE WITH PLUMBING DRAWINGS.
  - REMOVE EXISTING CABINETS IN THEIR ENTIRETY. COORDINATE WITH PLUMBING AND ELECTRICAL DRAWINGS.
  - REMOVE EXISTING SHELVING AND STORAGE RACK IN ITS ENTIRETY. REMOVE EXISTING FUME HOOD AND CABINET BELOW.
  - REMOVE EXISTING DUCTWORK UP TO UNDERSIDE OF EXISTING ROOF STRUCTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
  - REMOVE EXISTING EYEWASH AND SHOWER FIXTURES AND RELATED PIPING. RELOCATE FIXTURES AS INDICATED. COORDINATE WITH PLUMBING DRAWINGS.
  - REMOVE AND RELOCATE EXISTING DEMONSTRATION TABLE. COORDINATE WITH PLUMBING AND ELECTRICAL DRAWINGS. SEE ALTERNATE NO. 21.
  - REMOVE EXISTING WALL BRACKETS AND TURN OVER TO OWNER.
  - REMOVE EXISTING ELECTRONIC EQUIPMENT CABINET AND TURN OVER TO OWNER.
  - REMOVE EXISTING DOOR AND FRAME. TURN OVER DOOR AND ALL HARDWARE TO OWNER.
  - REMOVE EXISTING CMU WALL IN ITS ENTIRETY. COORDINATE WITH ELECTRICAL DRAWINGS.
  - REMOVE EXISTING CABINETS, COUNTERTOP AND SINK. COORDINATE WITH ELECTRICAL AND PLUMBING DRAWINGS.
  - REMOVE EXISTING WALL MOUNTED CABINET AND TURN OVER TO OWNER.
  - REMOVE EXISTING MOTOR/GENERATOR AND TURN OVER TO OWNER. REMOVE BASE/PAD AND PATCH/REPAIR EXISTING FLOOR AS REQUIRED.

SHEET TITLE  
FLOOR PLAN  
ELEVATIONS &  
DETAILS

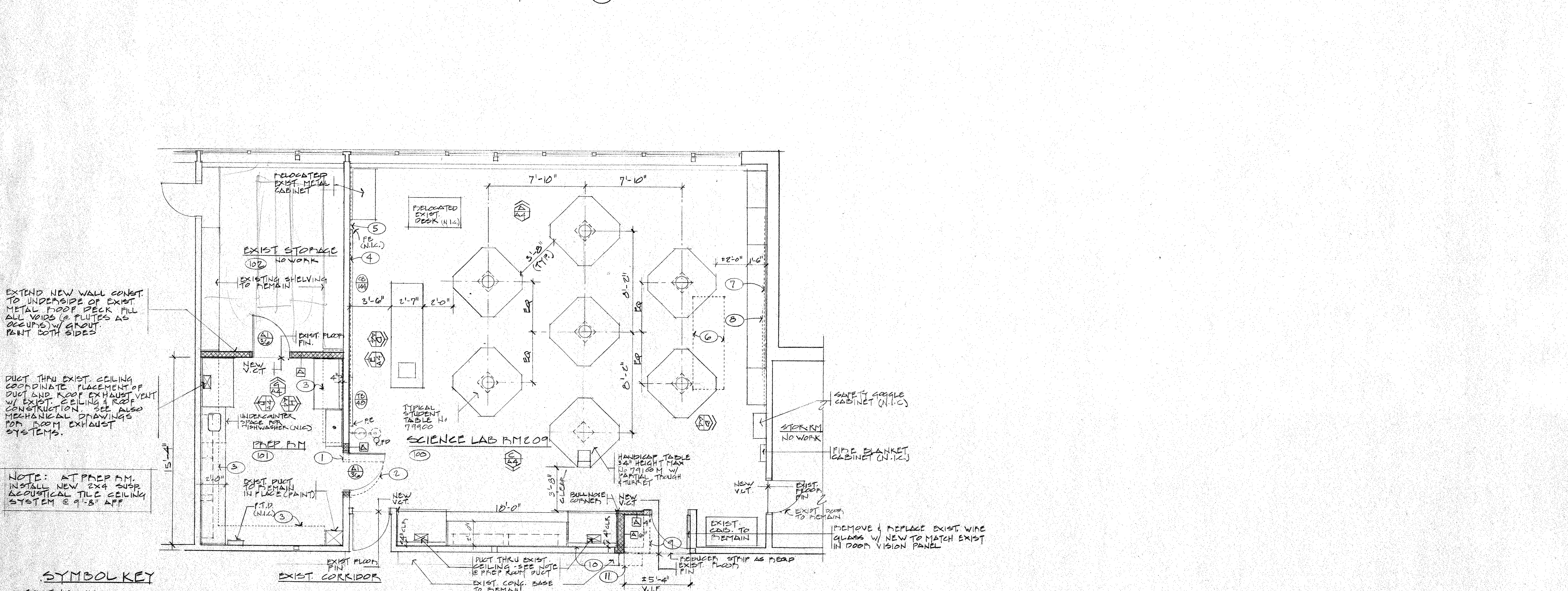
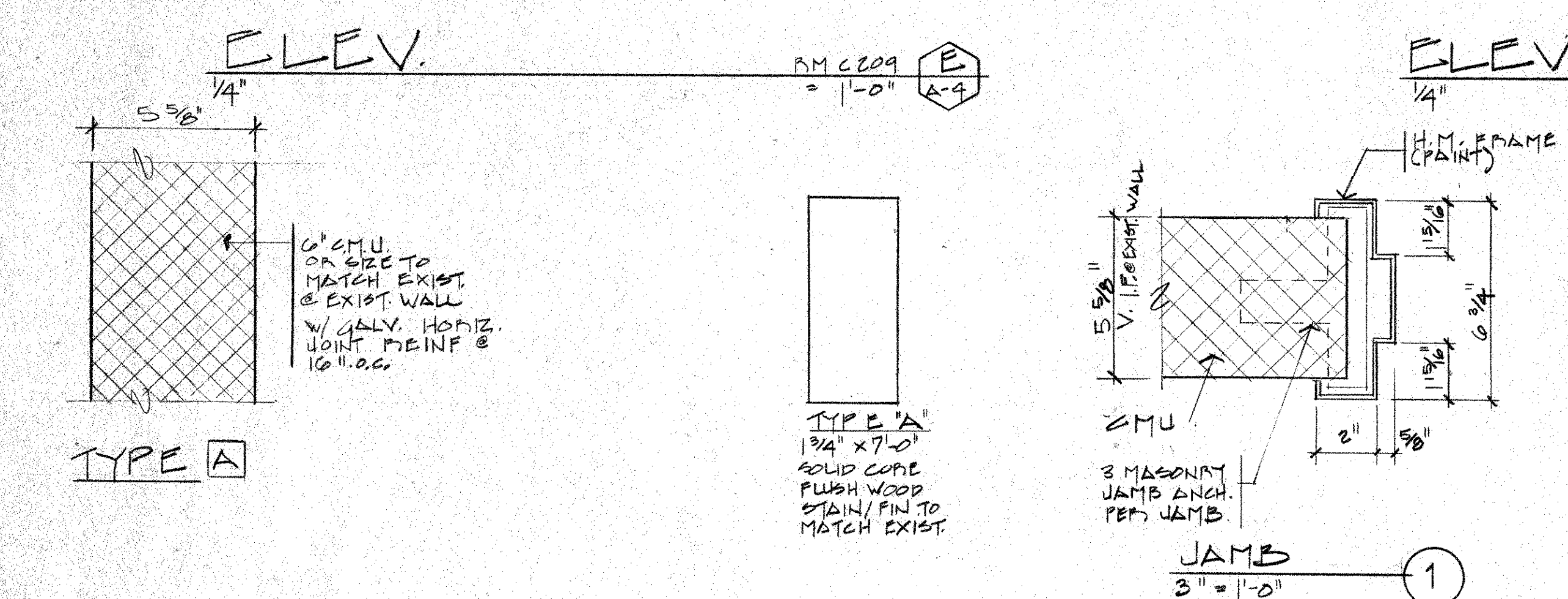
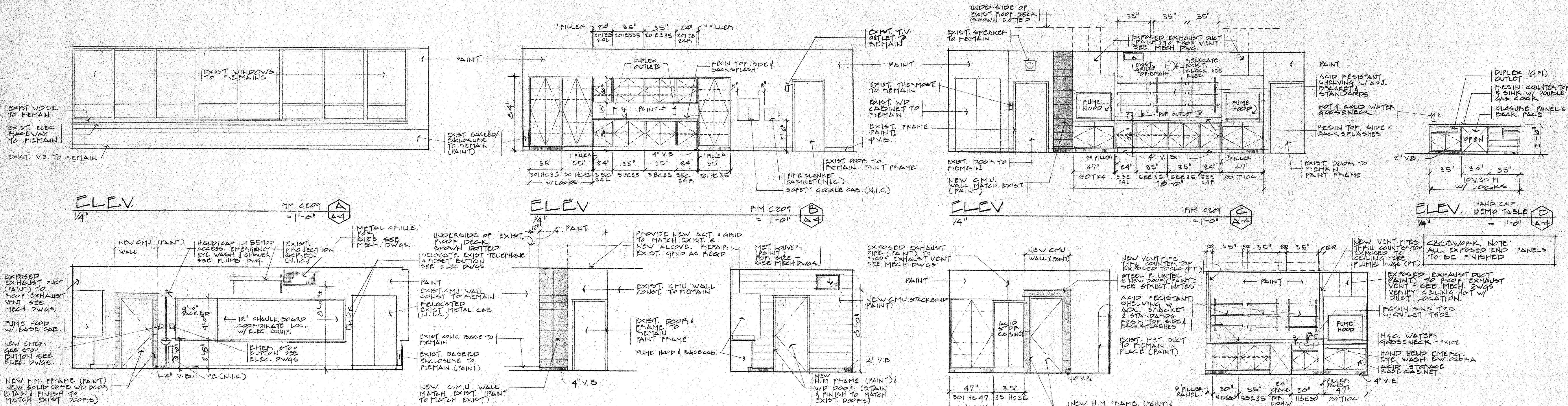
DONALD PROUT ASSOCIATES  
dp  
ARCHITECTS  
PLANNERS  
CRANSTON  
RHODE ISLAND



PROJECT  
RENOVATION  
TO  
WARWICK  
SCHOOL  
SCIENCE  
LABS

VETERANS  
HIGH SCHOOL

NO.	DATE	REVISION
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**GENERAL NOTES**

- G.C. SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND SHALL REPORT TO ARCHITECT ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
- IN THE EVENT THAT EXISTING UNFOUNDED ASBESTOS OR ASBESTOS RELATED ITEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE G.C. SHALL IMMEDIATELY HALT THE WORK AND NOTIFY THE OWNER AND ARCHITECT.
- G.C. SHALL PROVIDE ALL REQUIRED SHORING/BRACING AT NEW OPENINGS AND ENLARGEMENTS OF EXISTING OPENINGS IN EXISTING WALLS.
- EXISTING CEILING TO REMAIN UNLESS NOTED OTHERWISE. REMOVE EXISTING CEILING AS REQUIRED AT AREAS AFFECTED BY NEW WORK. COORDINATE CUTTING AND PATCHING/REPAIR OF EXISTING CEILING AND WALLS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- ALL DIMENSIONS TO FACE OF EXISTING WALLS UNLESS NOTED OTHERWISE.

**GENERAL MASONRY NOTES**

- ALL MASONRY WORK SHALL CONFORM TO N.C.M.A. REQUIREMENTS & STANDARDS.
- PROVIDE 6" DEEP CMU LINTELS W/ 2-#6 CONT. AT ALL MASONRY OPENINGS. PROVIDE MIN. 6" BEARING.
- PROVIDE #5 @ 48" O.C. VERTICAL MINIMUM SEISMIC REINFORCEMENT.
- PROVIDE 2-#5 VERT. MEINF. & JAMBS OF ALL OPENINGS FOR FULL HEIGHT OF WALL. FILL CORNER SOLID W/ GROUT.
- PROVIDE CONT. HORIZ. CMU BOND BEAM W/ 2-#5 CONT. @ TOP OF ALL CMU WALLS.

**SPECIFIC REMOVAL NOTES**

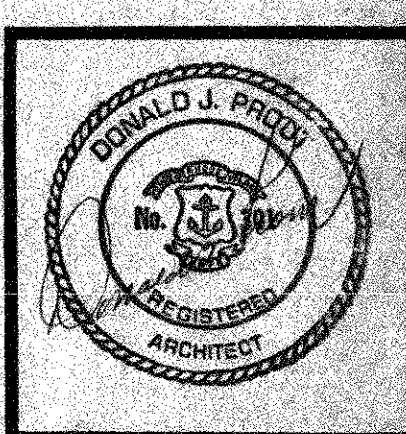
- REMOVE EXISTING CMU WALL CONSTRUCTION TO EXTENT SHOWN TO ACCEPT NEW DOOR AND FRAME SHOWN. SEE ALTERNATE NO. 31.
- REMOVE EXISTING WOOD DOOR AND HOLLOW METAL FRAME. TURN DOOR OVER TO OWNER.
- REMOVE EXISTING WOOD SHELVING TO EXTEND SHOWN AND TURN OVER TO OWNER. DISASSEMBLE COMPONENT PARTS AS REQUIRED TO ALLOW OWNER TO REASSEMBLE IN THE FUTURE.
- REMOVE EXISTING TRACKBOARD IN ITS ENTIRETY. TURN OVER SALVAGEABLE PARTS TO OWNER.
- REMOVE EXISTING FIBERGLASS SACHMAN IN ITS ENTIRETY. COORDINATE WITH ELECTRICAL DRAWINGS.
- REMOVE EXISTING DEMONSTRATION TABLE. COORDINATE WITH PLUMBING AND ELECTRICAL DRAWINGS. SEE ALTERNATE NO. 22.
- REMOVE EXISTING CHALKBOARD AND FRAME. TURN OVER SALVAGEABLE PARTS TO OWNER.
- REMOVE EXISTING WALL MOUNTED PROTECTION SCREEN AND TURN OVER TO OWNER.
- REMOVE EXISTING CMU WALL CONSTRUCTION TO EXTENT SHOWN FROM FLOOR TO UNDERSIDE OF STRUCTURE. SEE ALTERNATE NO. 24.
- REMOVE AND RELOCATE EXISTING CLOCK AS INDICATED ON DRAWINGS. COORDINATE WITH ELECTRICAL DRAWINGS.
- REMOVE PORTION OF EXISTING CONCRETE BASE TO LEVEL OF EXISTING FLOOR SUBGRADE. PREPARE AS REQUIRED TO RECEIVE NEW V.C.T. TO MATCH EXISTING FLOOR FINISH. SEE ALTERNATE NO. 24.

**GENERAL REMOVAL NOTES**

- PATCH/REPAIR/REFINISH ALL SURFACES EXPOSED BY DEMOLITION WORK TO MATCH AND ALIGN WITH EXISTING ADJACENT SURFACES SCHEDULED TO REMAIN, AND PREPARE TO RECEIVE NEW FINISHES SPECIFIED. SURFACES REQUIRED TO RECEIVE SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- COORDINATE ALL DEMOLITION WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS.
- REMOVE EXISTING VINYL BASE TO EXTENT REQUIRED TO INSTALL NEW CASEWORK. SEE FLOOR PLAN.

SHEET TITLE  
 PARTIAL FLOOR  
 PLAN - INTERIOR  
 ELEV. & DETAILS

DONALD PROUT ASSOCIATES  
 dp  
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 RHODE ISLAND

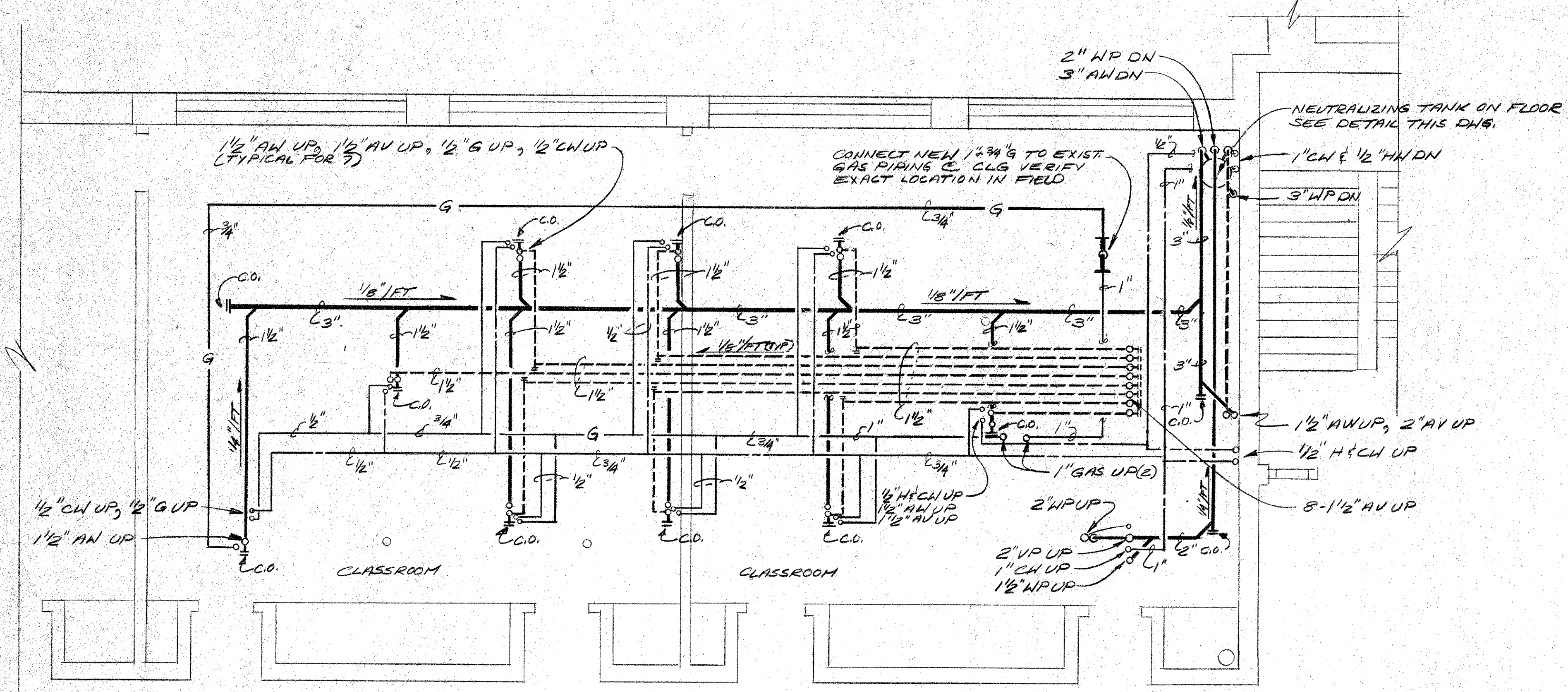


PROJECT  
 RENOVATIONS  
 TO  
 WARWICK  
 SCHOOL  
 SCIENCE  
 LABS

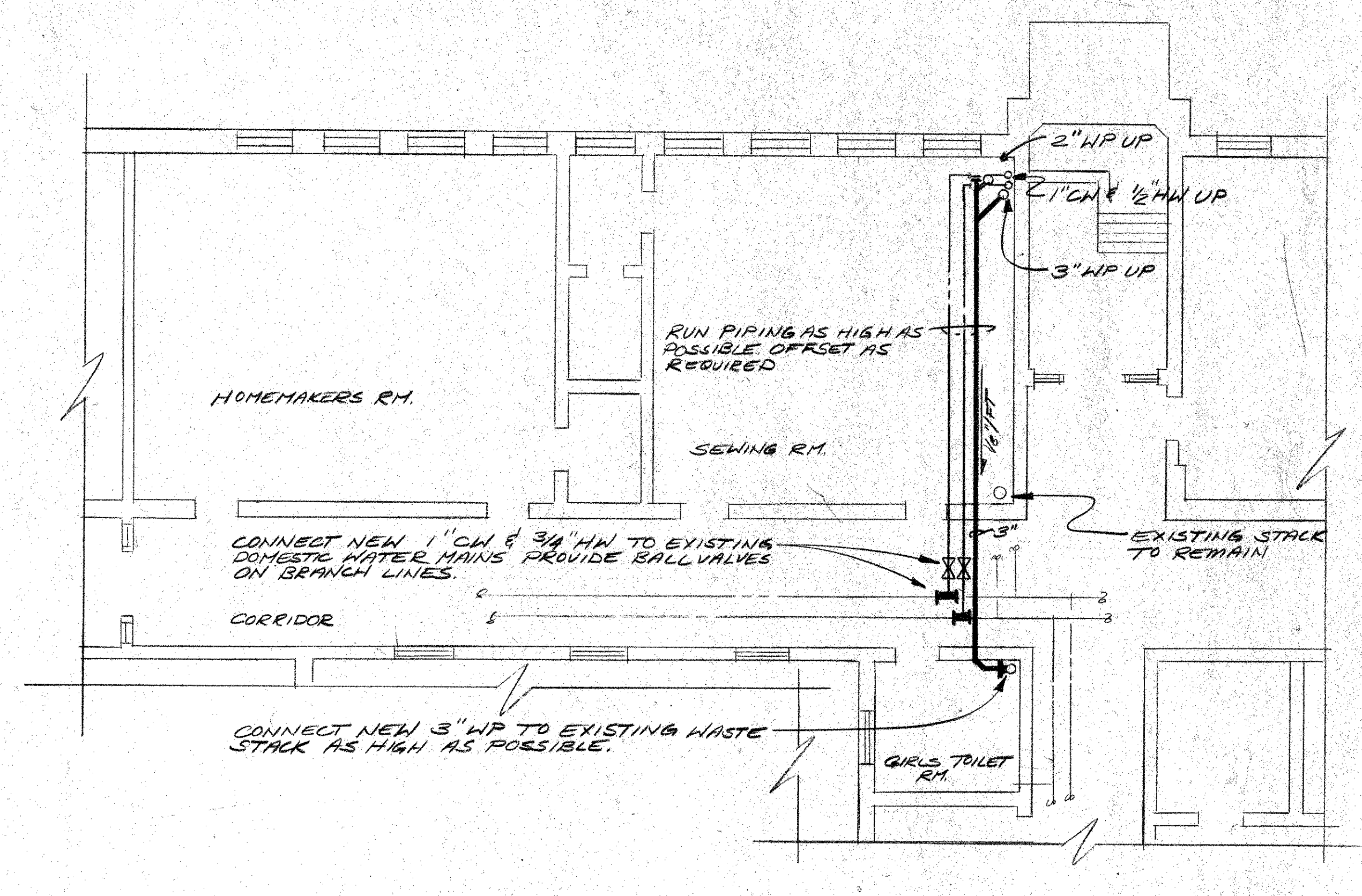
VETERANS  
 HIGH SCHOOL

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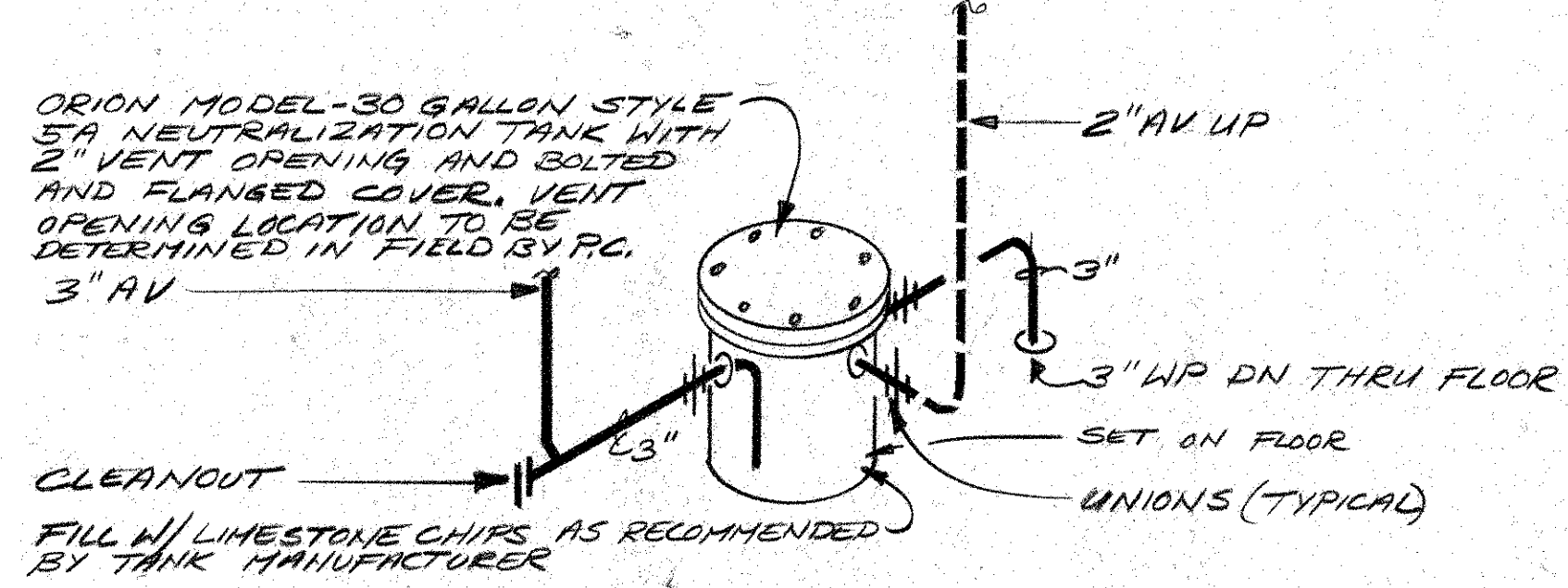




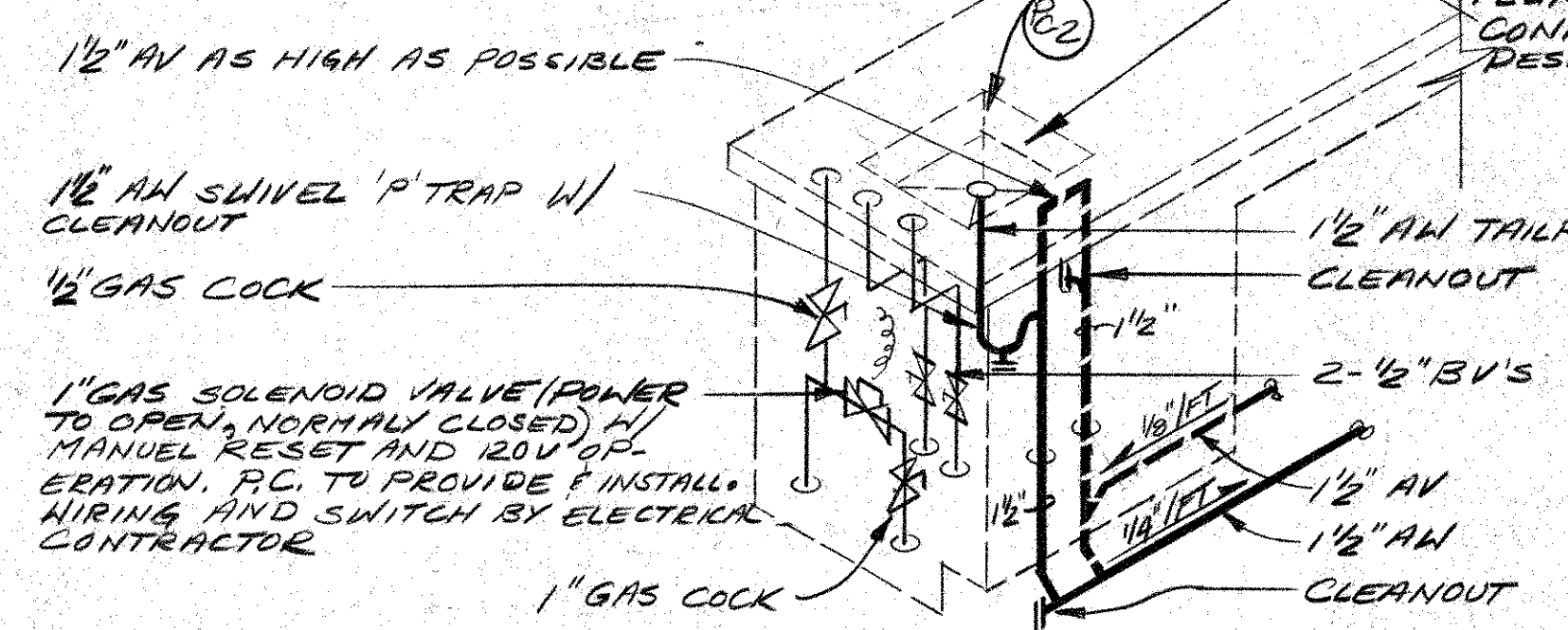
**PARTIAL FIRST FLOOR PLAN**  
SCALE: 1/4"=1'-0"



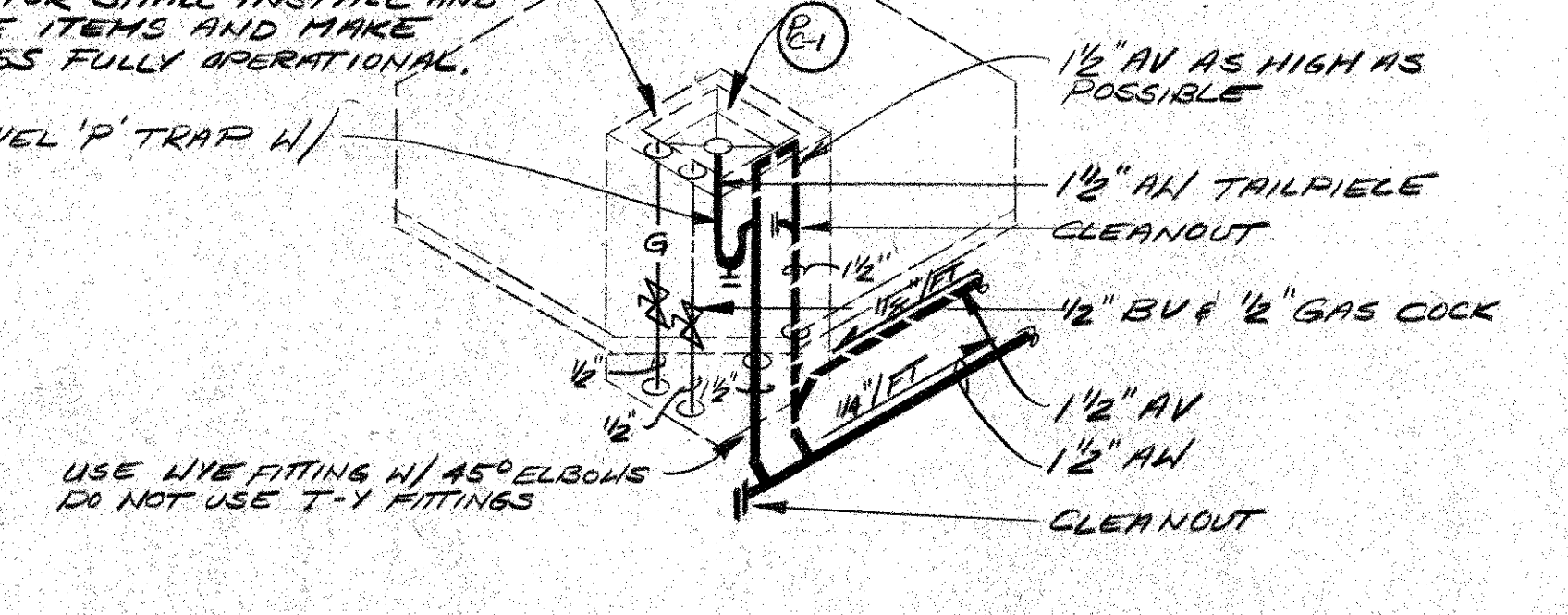
**PARTIAL GROUND FLOOR PLAN**  
SCALE: 1/8"=1'-0"



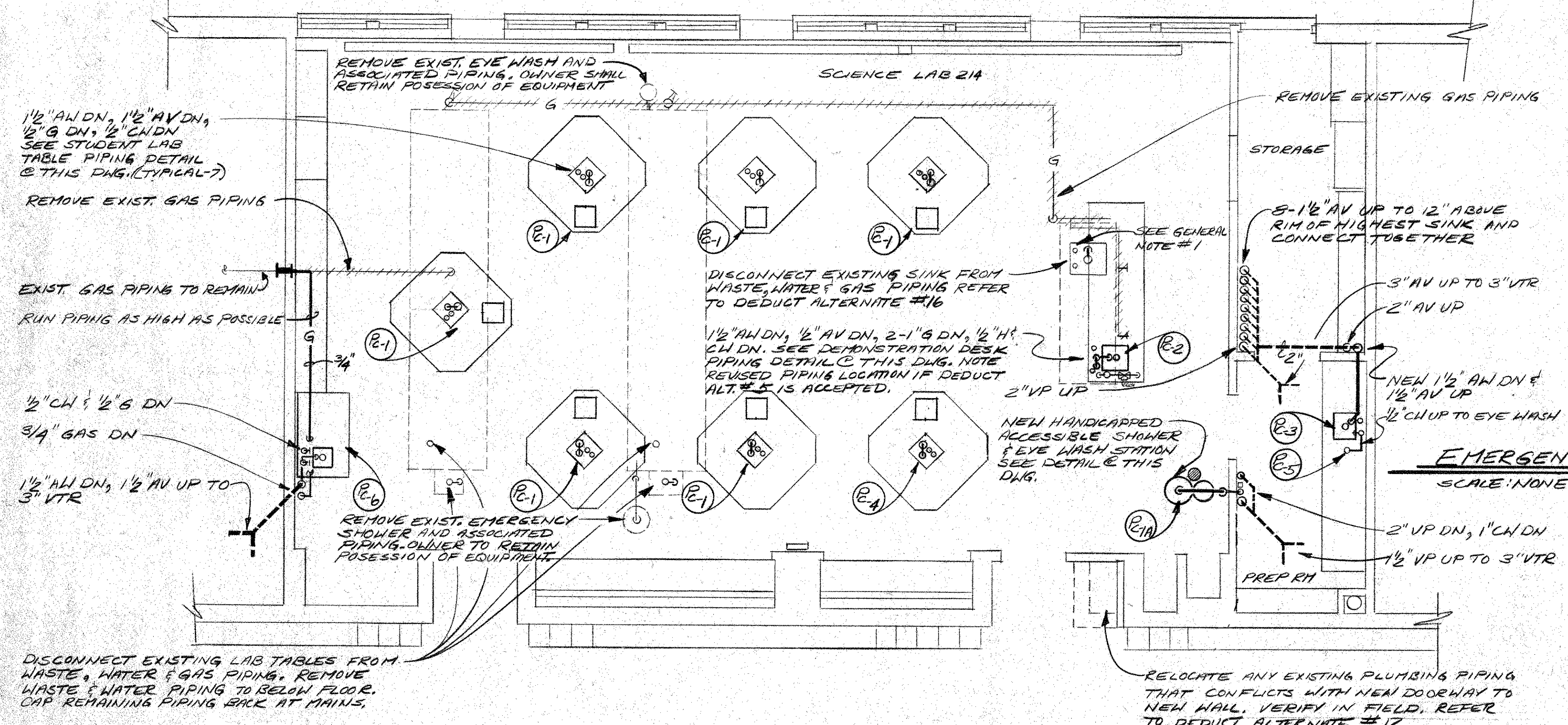
**NEUTRALIZATION TANK DETAIL**  
SCALE: NONE



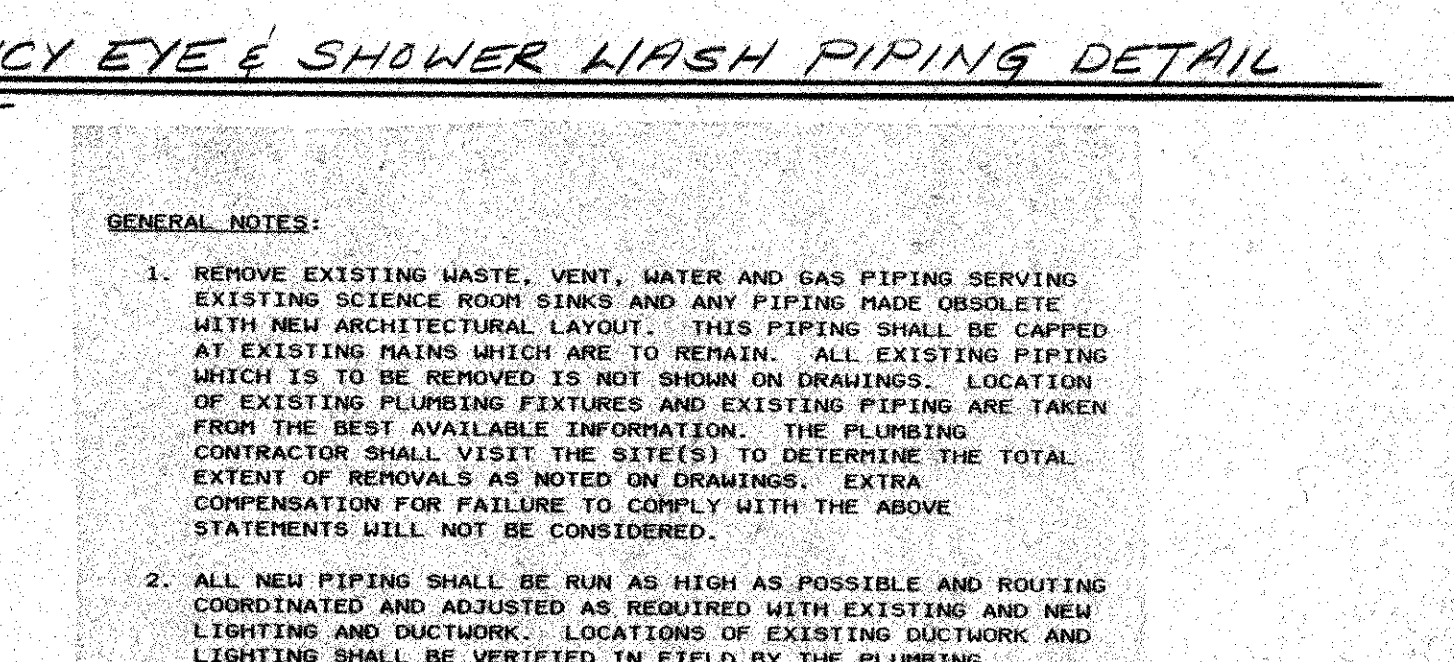
**DEMONSTRATION DESK PIPING DETAIL**  
SCALE: NONE



**STUDENT LAB TABLE PIPING DETAIL**  
SCALE: NONE



**PARTIAL SECOND FLOOR PLAN**  
SCALE: 1/4"=1'-0"



**EMERGENCY EYE & SHOWER WASH PIPING DETAIL**  
SCALE: NONE

**PLUMBING SYMBOL LEGEND**

SYMBOL	ABBREV	DESCRIPTION
	WP	WASTE PIPING ABOVE/BELOW FLOOR
	VP	VENT PIPING ABOVE/BELOW FLOOR
	AW	ACID WASTE PIPING ABOVE/BELOW FLOOR
	AV	ACID VENT PIPING ABOVE/BELOW FLOOR
	HW/CW	DOMESTIC HOT/COLD WATER PIPING
	G	GAS PIPING
	FCO/WCO	FLOOR CLEANOUT/WALL CLEANOUT
	CTE	CONNECT TO EXISTING PIPING
	GV/BV	GATE/BALL VALVE
	GC	GAS COCK
	FD	FLOOR DRAIN
	AR/AF	ABOVE FINISH CEILING/FLOOR
		EXISTING PIPING TO BE REMOVED

**FIXTURE & EQUIPMENT SCHEDULE**

ITEM#	DESCRIPTION	CH	HH	HW	HW	VP	VP	GAS	REMARKS
PC-1A	EMERGENCY EYE & SHOWER WASH	1"		1/2"	1/2"				PROVIDE ALL FINAL CONNECTIONS
PC-1	STUDENT LAB TABLE W/SINK	1/2"		1/2"	1/2"				PROVIDE ALL FINAL CONNECTIONS
PC-2	DEMONSTRATION TABLE W/SINK	1/2"	1/2"	1/2"	1/2"				PROVIDE ALL FINAL CONNECTIONS
PC-3	PREP TABLE W/SINK	1/2"	1/2"	1/2"	1/2"				PROVIDE ALL FINAL CONNECTIONS
PC-4	HANDICAPPED STUDENT LAB TABLE W/SINK	1/2"		1/2"	1/2"				PROVIDE ALL FINAL CONNECTIONS
PC-5	HAND HELD EYE AND FACE SPRAY	1/2"							PROVIDE ALL FINAL CONNECTIONS
PC-6	FUME HOOD	1/2"		1/2"	1/2"				PROVIDE ALL FINAL CONNECTIONS

- GENERAL NOTES:**
- REMOVE EXISTING WASTE, VENT, WATER AND GAS PIPING SERVING EXISTING SCIENCE ROOM SINKS AND ANY PIPING MADE OBSOLETE WITH NEW ARCHITECTURAL LAYOUT. THIS PIPING SHALL BE CAPPED AT EXISTING MAINS WHICH ARE TO REMAIN. ALL EXISTING PIPING WHICH IS TO BE REMOVED IS NOT SHOWN ON DRAWINGS. LOCATION OF EXISTING PLUMBING FIXTURES AND EXISTING PIPING ARE TAKEN FROM THE BEST AVAILABLE INFORMATION. THE PLUMBING CONTRACTOR SHALL VISIT THE SITES TO DETERMINE THE TOTAL EXTENT OF REMOVALS AS NOTED ON DRAWINGS. EXTRA COMPENSATION FOR FAILURE TO COMPLY WITH THE ABOVE STATEMENTS WILL NOT BE CONSIDERED.
  - ALL NEW PIPING SHALL BE RUN AS HIGH AS POSSIBLE AND ROUTING COORDINATED AND ADJUSTED AS REQUIRED WITH EXISTING AND NEW LIGHTING AND DUCTWORK. LOCATIONS OF EXISTING DUCTWORK AND LIGHTING SHALL BE VERIFIED IN FIELD BY THE PLUMBING CONTRACTOR.
  - ALL ACID WASTE AND VENT PIPING SHALL BE FITTED IN THE DIRECTION INDICATED ON DRAWINGS. CLEANOUTS SHALL BE REQUIRED ON ACID WASTE AND VENT PIPING AT ALL CHANGES IN DIRECTION (BELOW SCIENCE ROOMS) AND AT ALL LOCATIONS REQUIRED BY STATE AND LOCAL CODES WHETHER INDICATED ON DRAWINGS OR NOT. CHANGES IN DIRECTION OF ACID WASTE AND VENT PIPING SHALL BE MADE WITH WYE FITTINGS WITH 45° ELBOWS AND NOT TEE-WYE FITTINGS.
  - THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR CORE DRILLING, CUTTING AND PATCHING. EXACT CUTTING AND CORE DRILLING LOCATIONS SHALL BE COORDINATED BY THE PLUMBING CONTRACTOR WITH EXISTING FIELD CONDITIONS. PATCHING SHALL MATCH EXISTING WALL, FLOOR OR CEILING TYPE, FINISH AND COLOR.
  - ASBESTOS CUTTING, REMOVAL, CAPSULIZING OR DISPOSAL IS NOT INCLUDED WITHIN THE SCOPE OF THIS PROJECT OR PROJECT DOCUMENTS. ALL ASBESTOS CONSIDERATIONS AND INVOLVEMENT IS THE SOLE RESPONSIBILITY OF THE OWNER OUTSIDE THE SCOPE OF THIS PROJECT. THE PRESENCE OF ASBESTOS MATERIAL WITHIN THE WORKING AREAS OF THIS PROJECT HAVE NOT BEEN INVESTIGATED OR DETERMINED WITHIN THE SCOPE OF THIS PROJECT. REFER TO OWNER FOR ANY CLARIFICATIONS REGARDING PRESENCE OF ASBESTOS MATERIALS. HOWEVER, THE PLUMBING CONTRACTOR SHALL REGULATORY ANY EXISTING DOMESTIC WATER PIPING AT "HOT TAPS" WHERE EXISTING INSULATION WAS REMOVED.
  - ANY ELECTRICAL, MECHANICAL OR STRUCTURAL REVISIONS TO ORIGINAL DESIGN DUE TO THE SUBSTITUTION OF SPECIFIED PLUMBING PRODUCTS SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR.

PC-NO INDICATES PLUMBING FIXTURES OR EQUIPMENT PROVIDED UNDER OTHER SECTIONS OF THIS CONTRACT OR BY OWNER. THIS CONTRACTOR SHALL PROVIDE ALL NECESSARY TRIM ITEMS INCLUDING, BUT NOT LIMITED TO: 10 TRAPS, TRAP PIGS, VALVES, STOPS, REPAIRS, ELBOWS, TRAP PRIMERS, ETC. AND MAKE ALL FINAL CONNECTIONS AS REQUIRED TO PLACE FIXTURES AND EQUIPMENT IN FULL OPERATIONAL CONDITION.

SHEET TITLE  
PARTIAL SECOND  
FLOOR PLAN  
PLUMBING

DONALD PROUT ASSOCIATES  
dp  
ARCHITECTS  
PLANNERS  
GRANSTON  
RHODE ISLAND

FRANK V. ZAPKO  
REGISTERED  
PROFESSIONAL ENGINEER  
NO. 2847

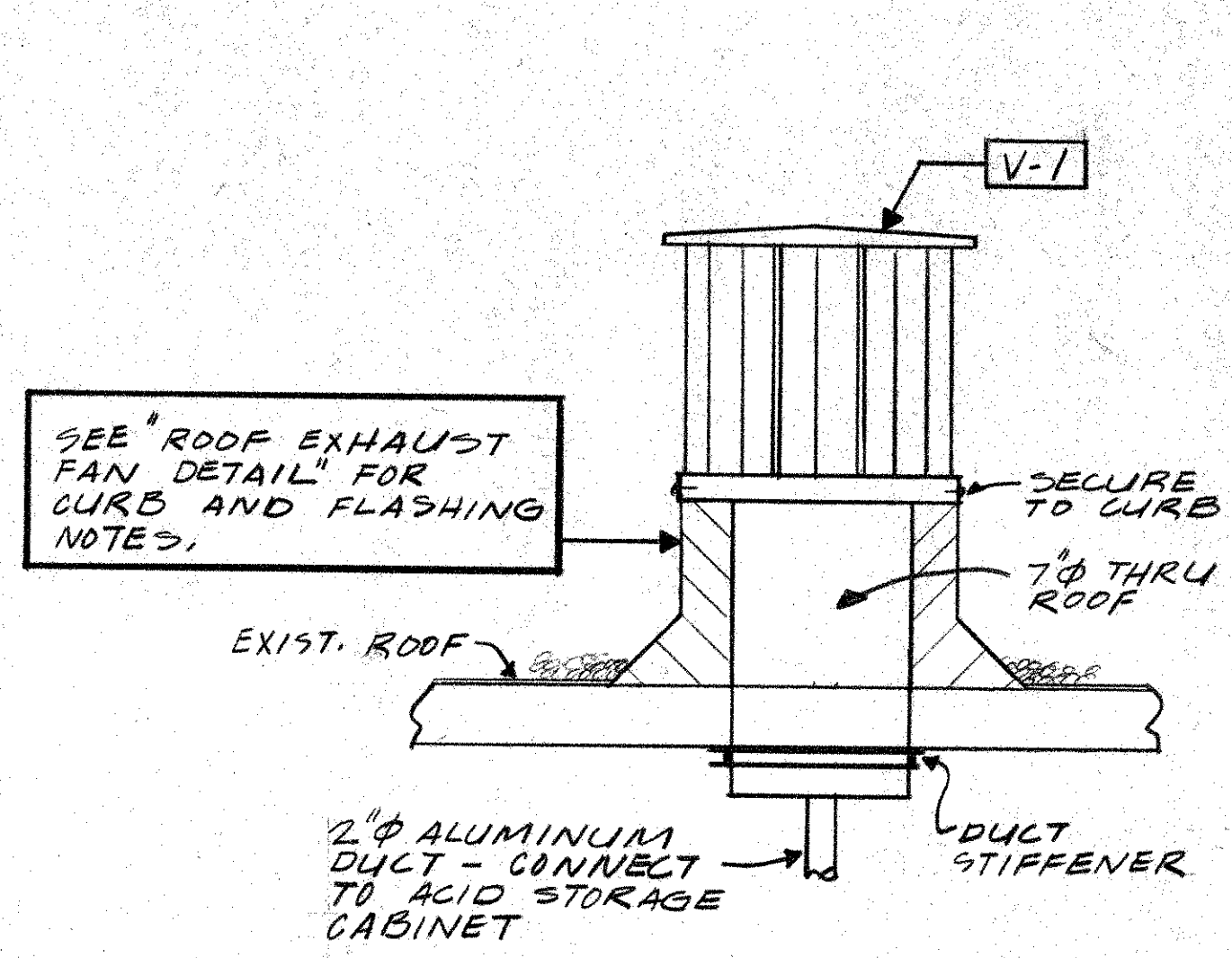
PROJECT  
RENOVATION  
TO  
WARWICK  
SCHOOL  
SCIENCE  
LABS

ALDRICH  
JR. HIGH

DRAWN DATE REVISION  
EHS 9-6-91 P-2



ASBESTOS CUTTING, REMOVAL, CAPSULIZING OR DISPOSAL IS NOT INCLUDED WITHIN THE SCOPE OF THIS PROJECT OR PROJECT DOCUMENTS. ALL ASBESTOS CONSIDERATIONS AND INVOLVEMENT IS THE SOLE RESPONSIBILITY OF THE OWNER OUTSIDE THE SCOPE OF THIS PROJECT. THE PRESENCE OF ASBESTOS MATERIAL WITHIN THE WORKING AREAS OF THIS PROJECT HAVE NOT BEEN INVESTIGATED OR DETERMINED WITHIN THE SCOPE OF THIS PROJECT. REFER TO OWNER FOR ANY CLARIFICATIONS REGARDING PRESENCE OF ASBESTOS MATERIALS.



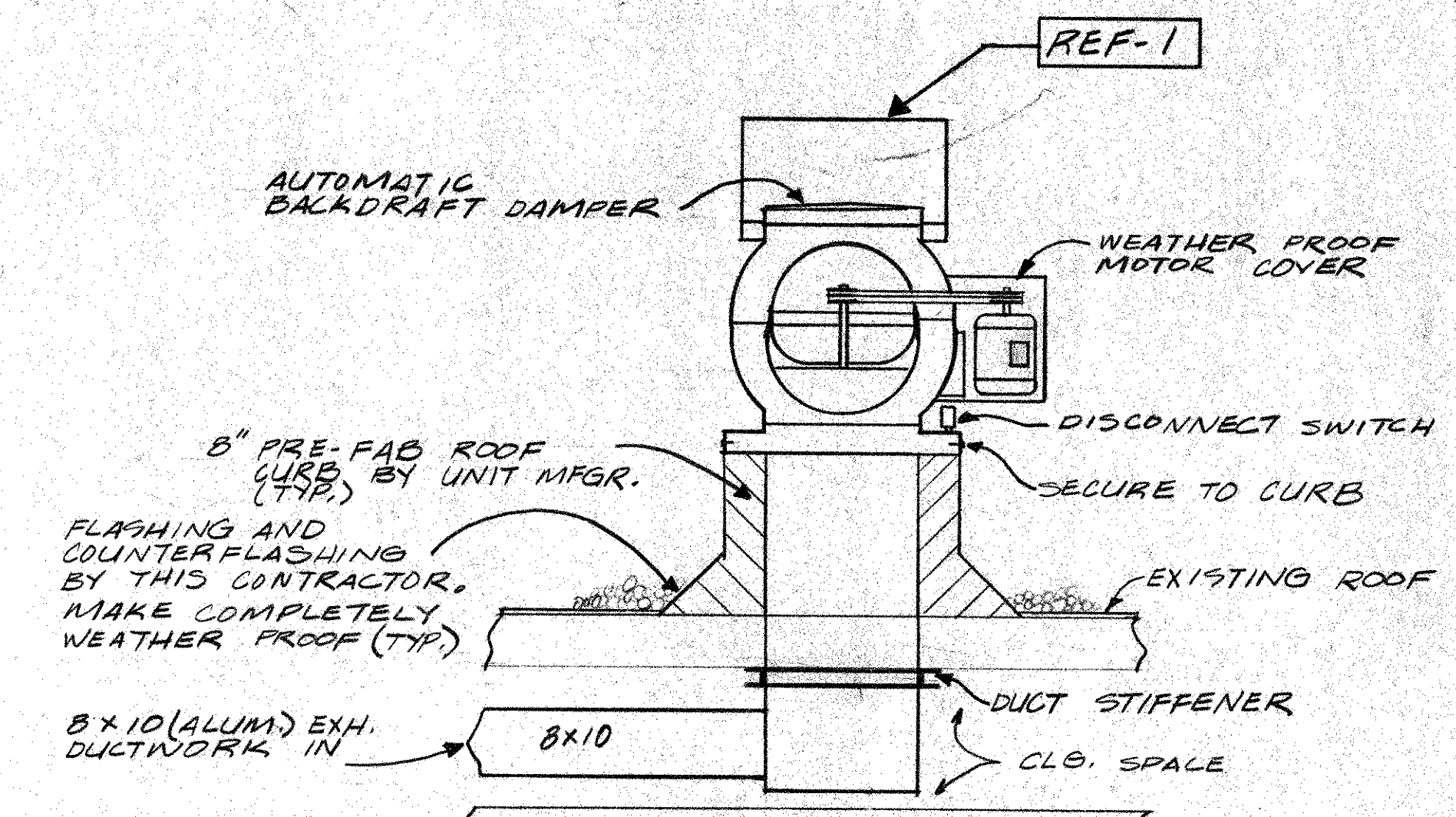
**VENTILATOR DETAIL**

NO SCALE  
 VENTILATOR SHALL BE 85 CFM @ 5 MPH WIND VELOCITY @ 25°F.  
 22 GA. ALUMINUM, 24\"/>

**EXHAUST FAN SCHEDULE**

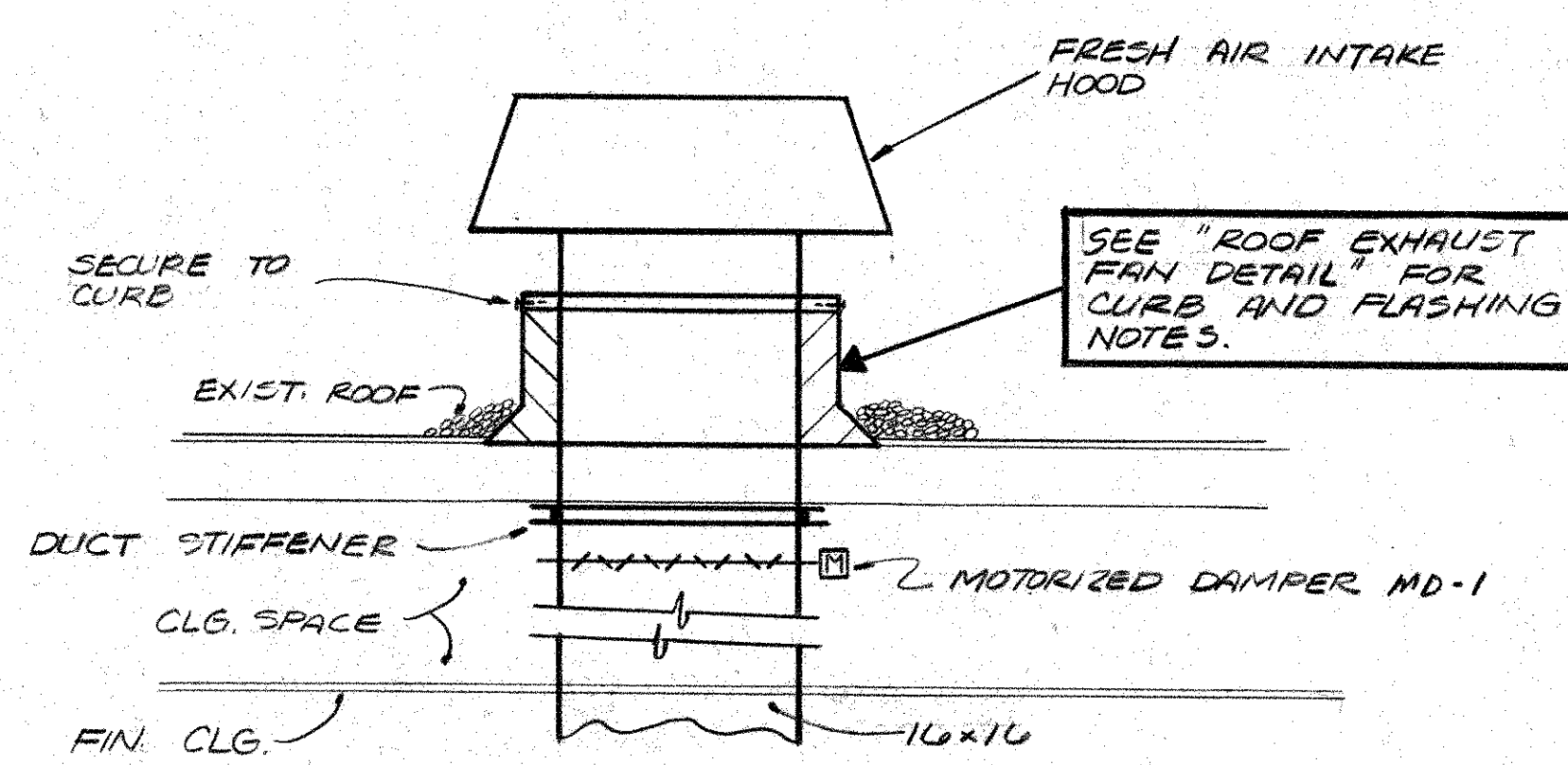
MARK	CFM	ESP	HP	RPM	VOLTS	ROOF OPENING	DESCRIPTION
REF-1	920	.50"	1/3	1400	120/1Ø	13 X 13	COOK UCV-12
REF-2	290	.25"	1/10	985	120/1Ø	8 X 8	COOK ACE-B100C2B

REF-1 SHALL BE COMPLETE W/ WEATHER COVER, 8\"/>



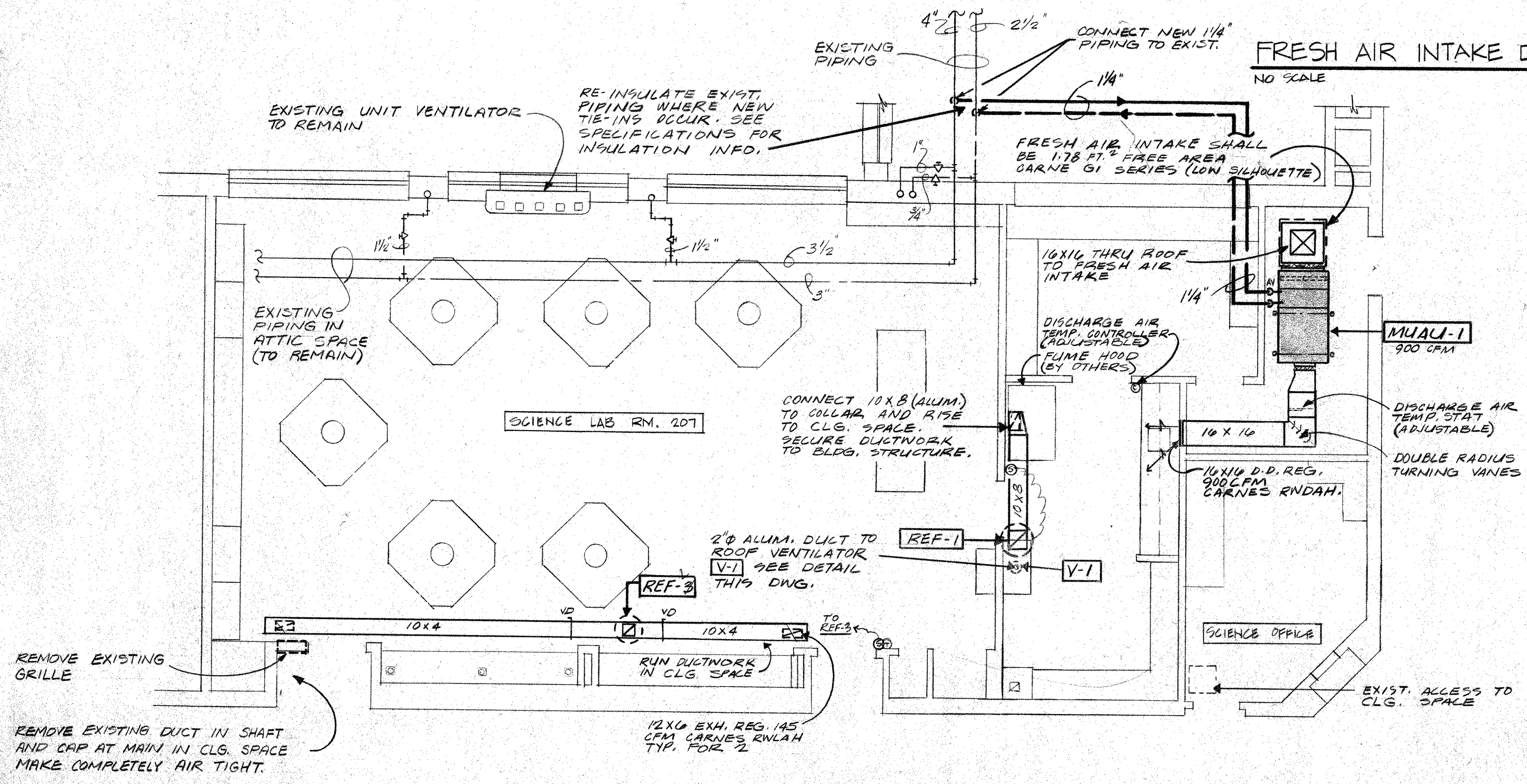
**ROOF EXHAUST FAN DETAIL**

NO SCALE



**FRESH AIR INTAKE DETAIL**

NO SCALE



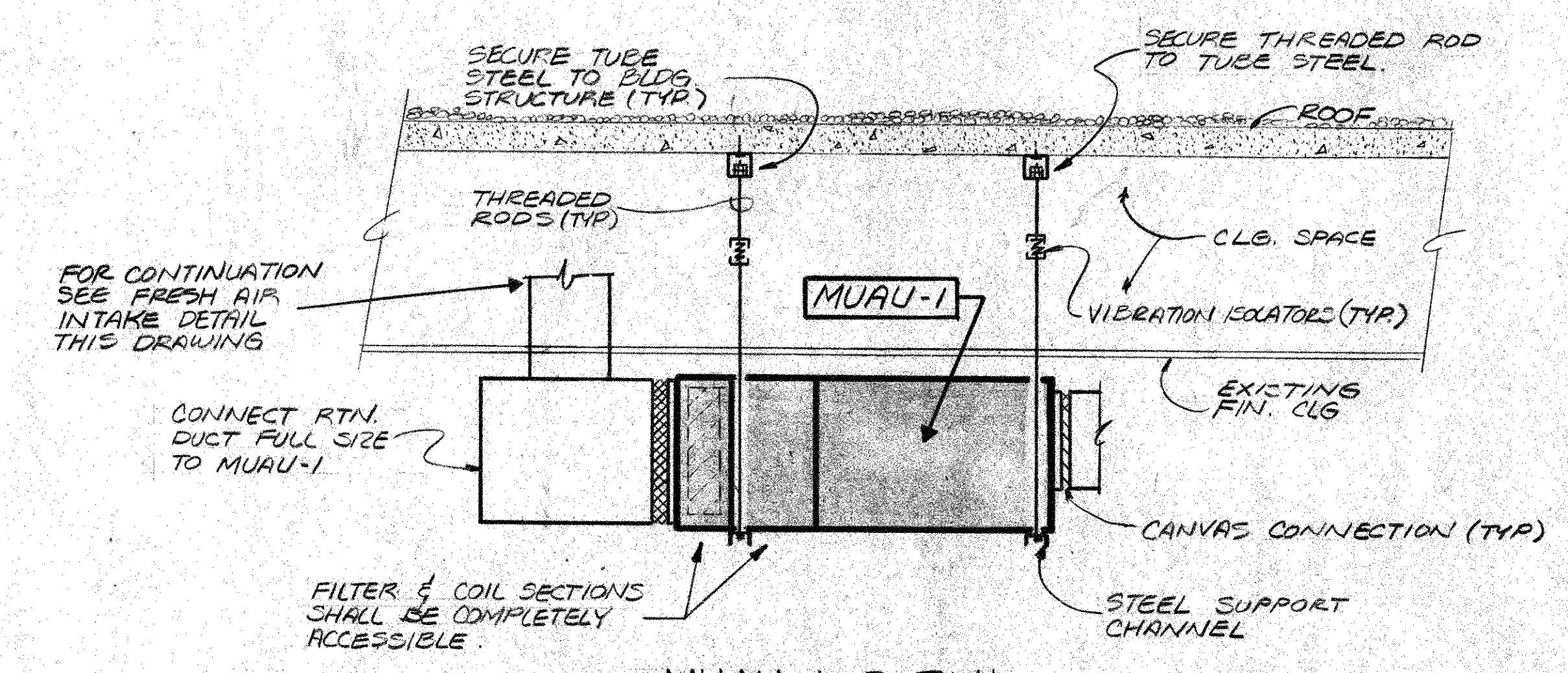
**PARTIAL SECOND FLOOR PLAN - MECHANICAL**

SCALE 1/4" = 1'-0"

**MAKE-UP AIR UNIT SCHEDULE**

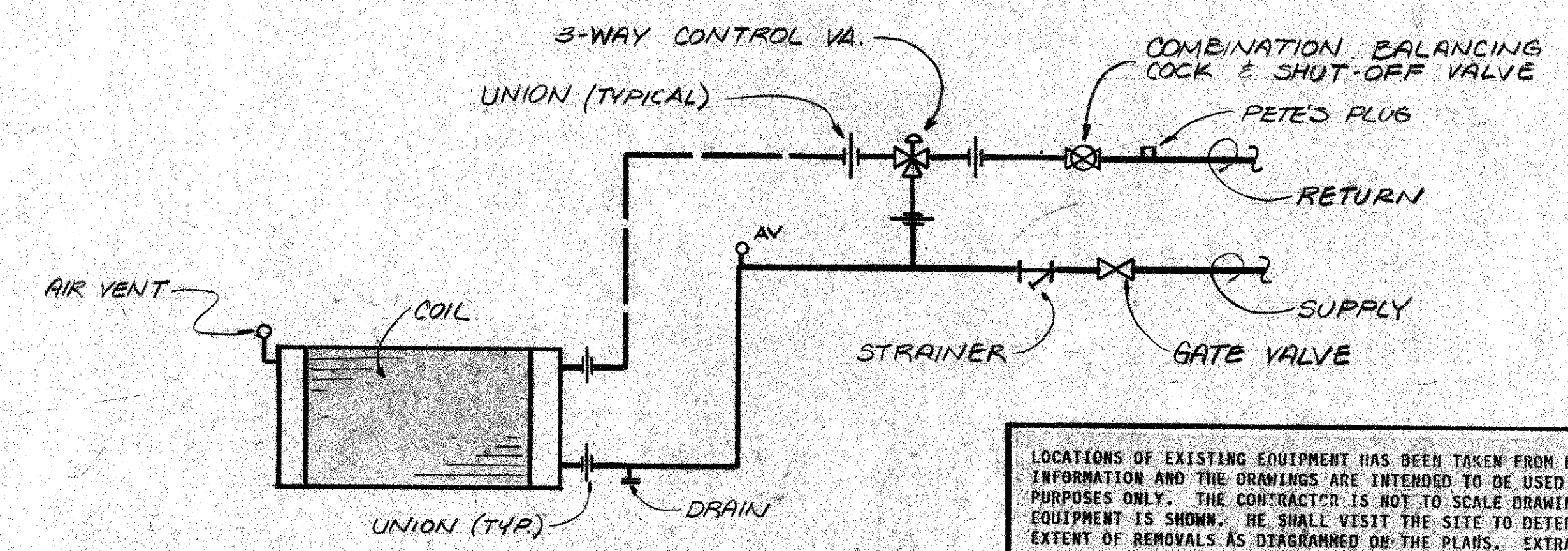
MARK	SUPPLY CFM	O.A. CFM	ESP	HP	VOLTAGE	HEATING				STARTER	WEIGHT	DESCRIPTION
						BTUH	EAT	LAT	WPD			
MUAU-1	900	900	.38"	1/3	120/1Ø	107,300	D.P.	110.0	.13	.11	830 LB.	TRANE CC3A - PROVIDE FREEZE STAT

PROVIDE 2-SETS OF THROWAWAY FILTERS.



**MUAU-1 DETAIL**

NO SCALE



**HOT WATER COIL PIPING DETAIL**

NO SCALE

LOCATIONS OF EXISTING EQUIPMENT HAS BEEN TAKEN FROM BEST AVAILABLE INFORMATION AND THE DRAWINGS ARE INTENDED TO BE USED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS NOT TO SCALE DRAWINGS OR ASSUME THAT ALL EQUIPMENT IS SHOWN. HE SHALL VISIT THE SITE TO DETERMINE THE TOTAL EXTENT OF RENOVALS AS DIAGRAMMED ON THE PLANS. EXTRA COMPENSATION FOR FAILURE TO COMPLY WITH THE ABOVE STATEMENTS WILL NOT BE CONSIDERED.

NOTE: ANY ELECTRICAL, MECHANICAL OR STRUCTURAL REVISIONS TO ORIGINAL DESIGN DUE TO THE SUBSTITUTION OF EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.

SHEET TITLE  
 PARTIAL SECOND FLOOR PLAN - MECHANICAL

DONALD PROUT ASSOCIATES  
 dp  
 ARCHITECTS  
 PLANNERS  
 CRANSTON  
 RHODE ISLAND

FRANK N. ZAINO  
 REGISTERED PROFESSIONAL ENGINEER

PROJECT  
 RENOVATIONS TO  
 WARWICK SCHOOL  
 SCIENCE LABS

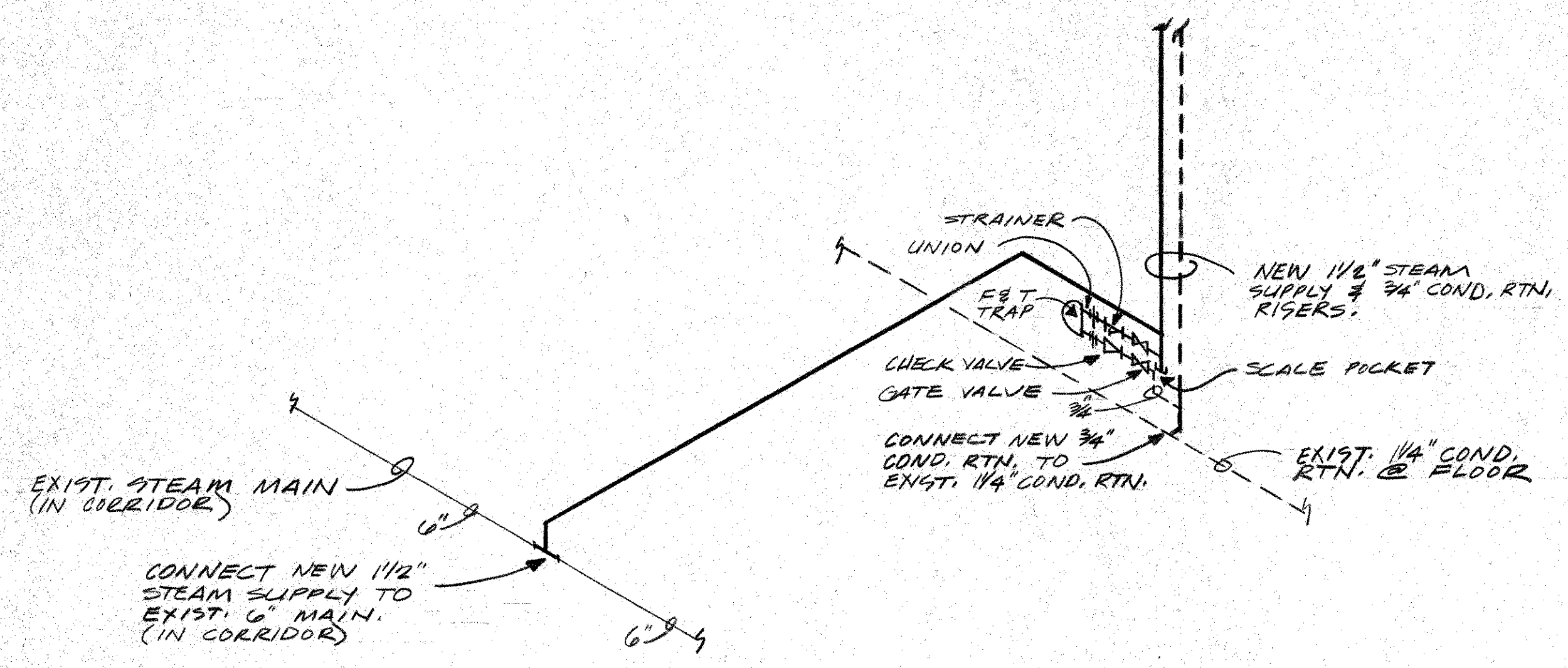
GORTON JR. HIGH

DATE 9 6 91  
 SHEET M-1

REVISIONS

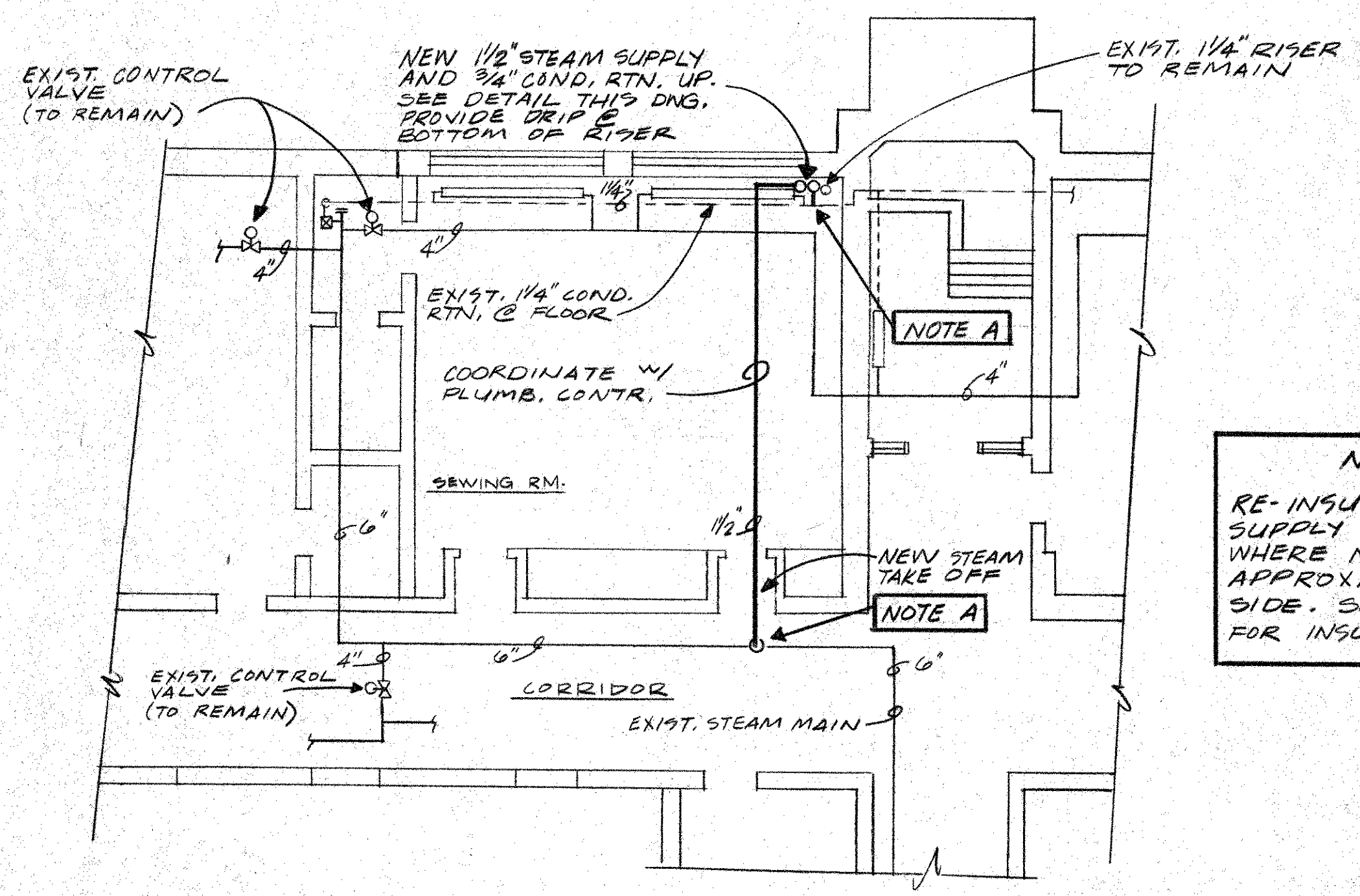


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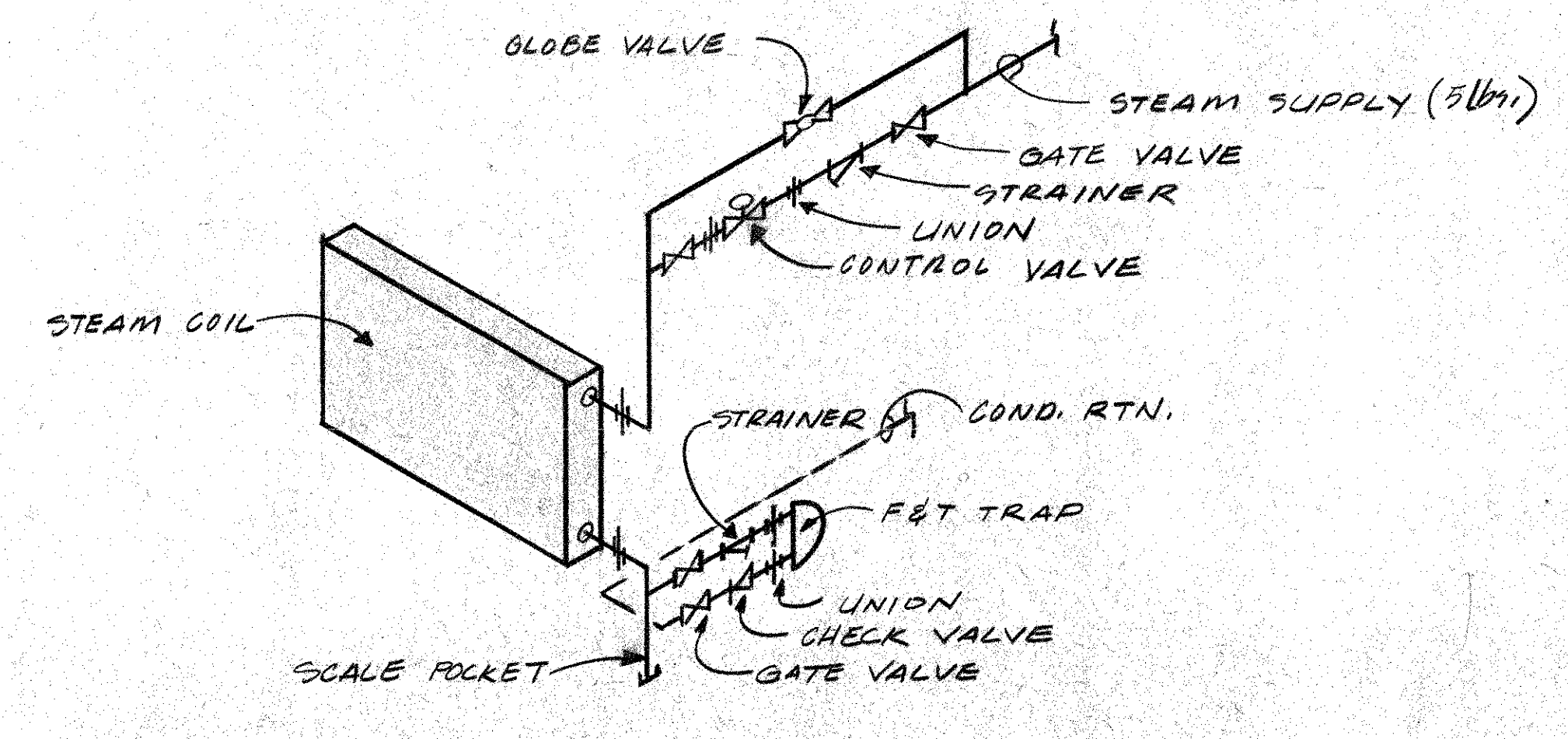
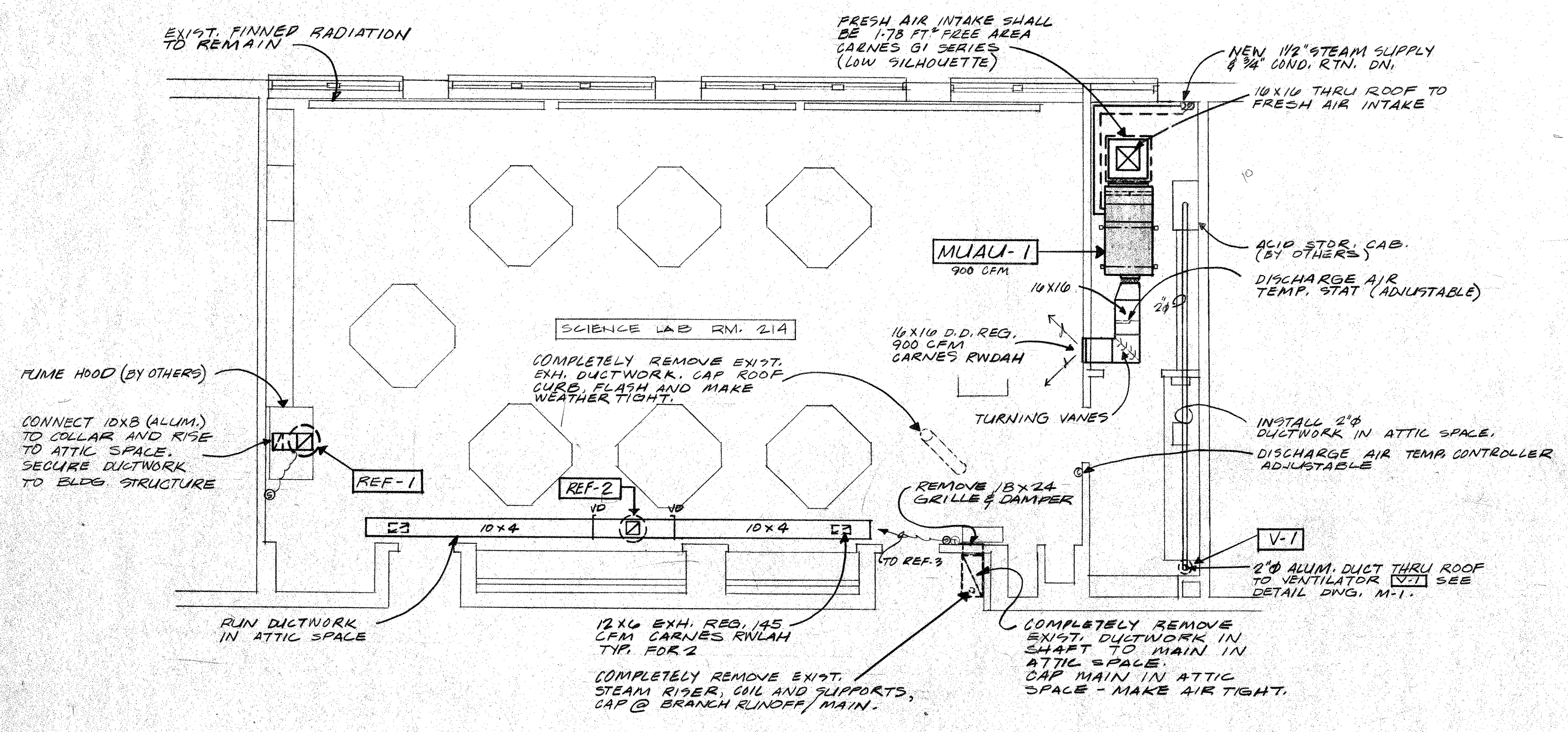
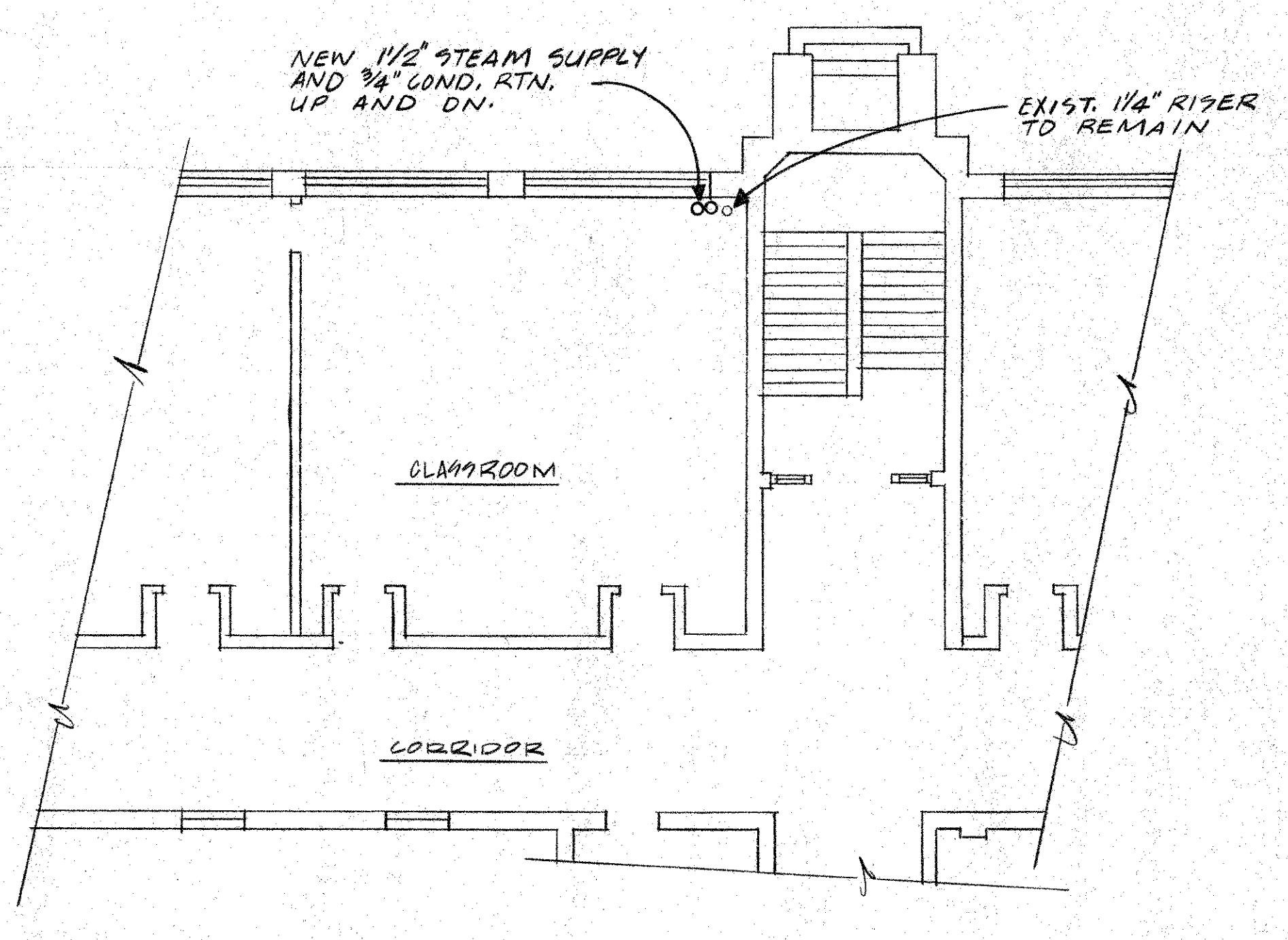


MARK	SUPPLY CFM	D.A. CFM	ESP	HP	VOLTAGE	STEAM HEATING SIB.				STARTER	WEIGHT	DESCRIPTION
						169./HR. EAT	LAT	FIN./FT. AFD.	108			
MUAU-1	900	900	.38"	1/3	120/110	129	0.F.	107.F.	108	.08	850 Pds.	TRANE UC3A SIGMA-FLO PROVIDE FREEZE STAT

PROVIDE 2 SETS OF THROWAWAY FILTERS.



NOTE A  
RE-INSULATE EXIST. STEAM SUPPLY & COND. RTN. PIPING WHERE NEW TIE-INS OCCUR, APPROXIMATELY 10'-0" EACH SIDE. SEE SPECIFICATIONS FOR INSULATION INFO.



LOCATIONS OF EXISTING EQUIPMENT HAS BEEN TAKEN FROM BEST AVAILABLE INFORMATION AND THE DRAWINGS ARE INTENDED TO BE USED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS NOT TO SCALE DRAWINGS OR ASSURE THAT ALL EQUIPMENT IS SHOWN. HE SHALL VISIT THE SITE TO DETERMINE THE TOTAL EXTENT OF REMOVALS AS DIAGRAMMED ON THE PLANS. EXTRA COMPENSATION FOR FAILURE TO COMPLY WITH THE ABOVE STATEMENTS WILL NOT BE CONSIDERED.

NOTE:  
ANY ELECTRICAL, MECHANICAL OR STRUCTURAL REVISIONS TO ORIGINAL DESIGN DUE TO THE SUBSTITUTION OF EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.

SHEET TITLE  
PARTIAL SECOND FLOOR PLAN - MECHANICAL

DONALD PROUT ASSOCIATES  
dp  
ARCHITECTS PLANNERS  
CRANSTON RHODE ISLAND

FRANK N. MADDO  
2847  
REGISTERED PROFESSIONAL ENGINEER

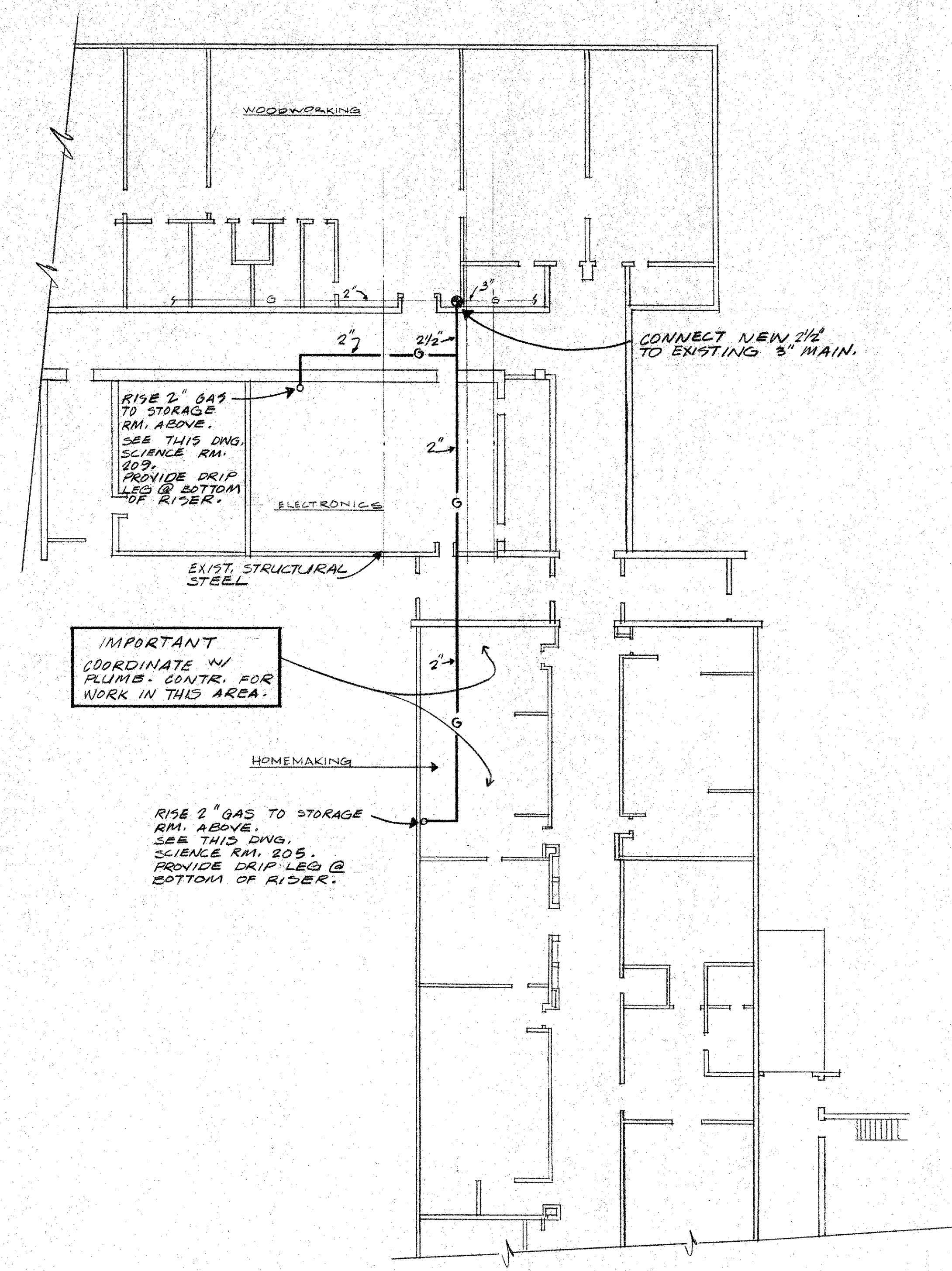
PROJECT  
RENOVATIONS TO WARWICK SCHOOL SCIENCE LABS

ALDRICH JR. HIGH

DATE	REVISED
9-6-91	M-2

2485

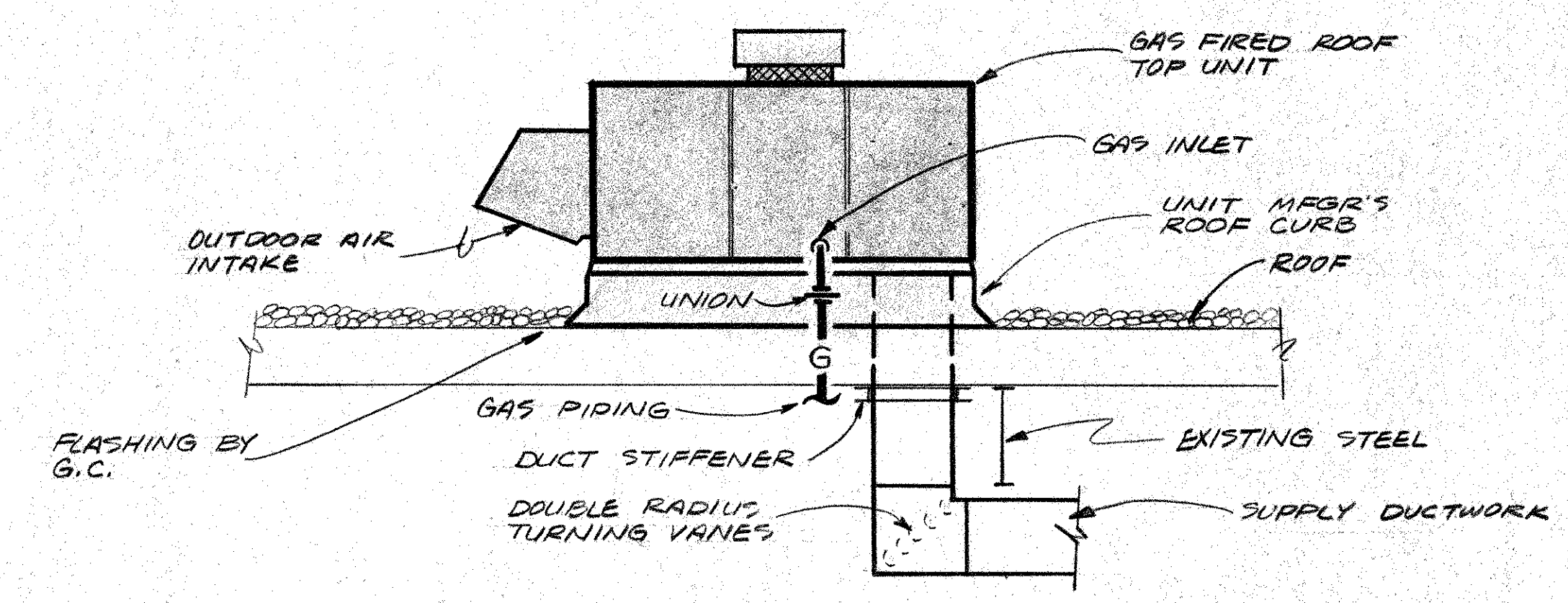
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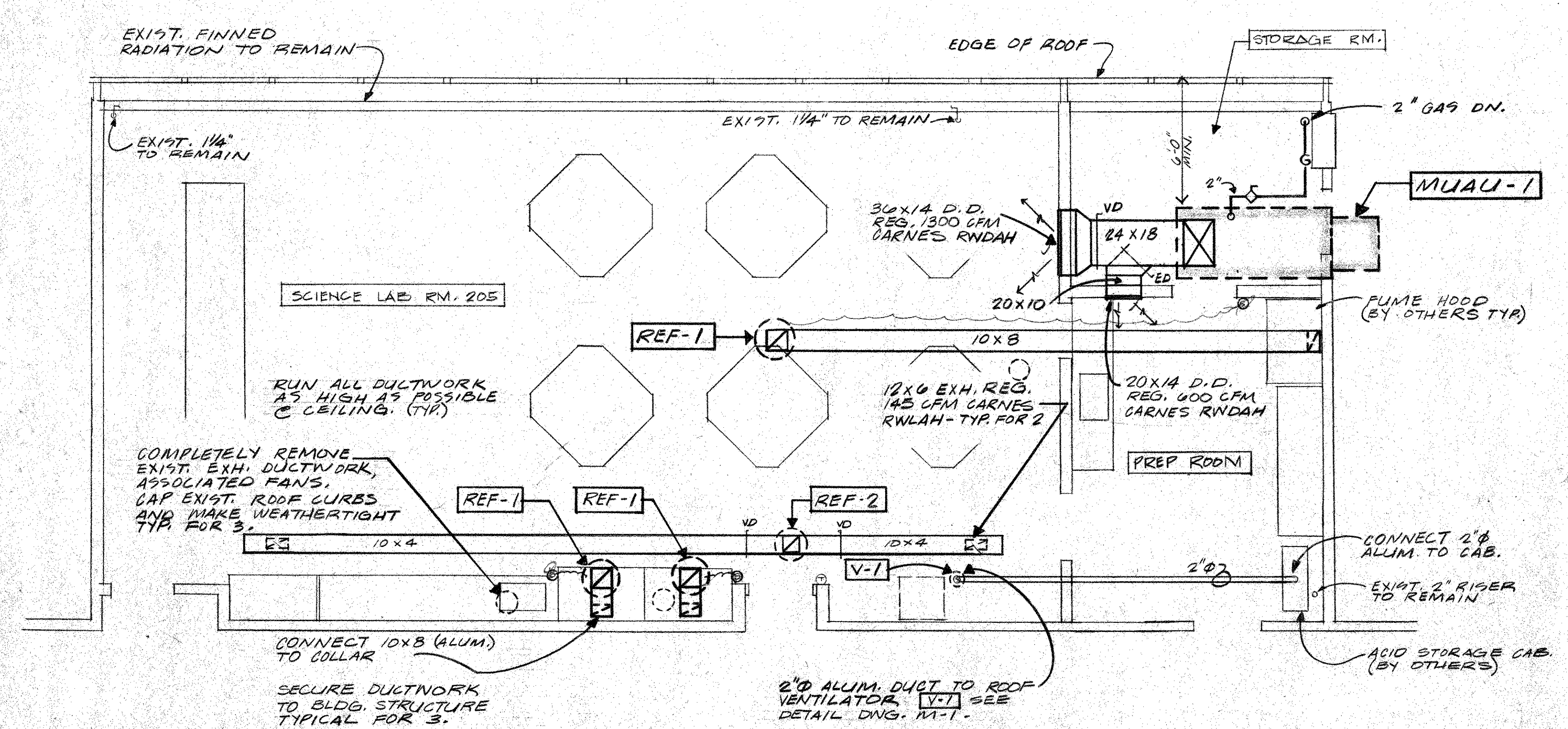
PARTIAL FIRST FLOOR PLAN - GAS PIPING  
SCALE 1/16" = 1'-0"

GAS FIRED MAKE UP AIR UNIT SCHEDULE											
MARK	SUPPLY CFM	O.A. CFM	ESP	INPUT BTUH	OUTPUT BTUH	CFM	TEMP. RISE	HP	VOLTS	WEIGHT	DESCRIPTION
MUAU-1	1900	1900	.51"	200,000	154,000	200	71 F.	1	208/3φ	500 lbs.	TRANE GRNCO2D W/ ROOF CURB

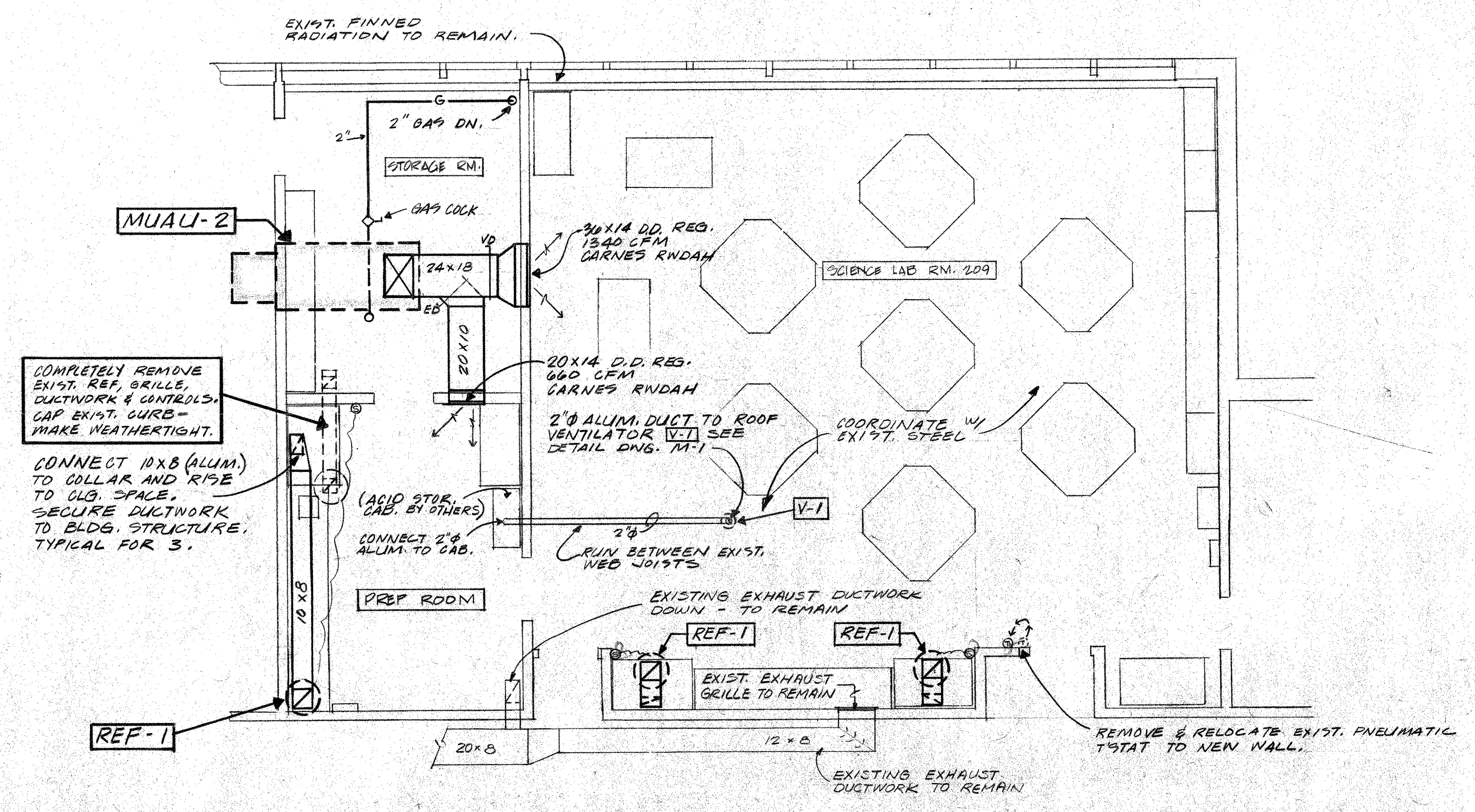
PROVIDE PRESSURE REGULATOR & FILTERS  
10% - 100% MODULATING



GAS FIRED ROOF TOP UNIT DETAIL MUAU  
NO SCALE



PARTIAL SECOND FLOOR PLAN - MECHANICAL  
SCALE 1/4" = 1'-0"



PARTIAL SECOND FLOOR PLAN - MECHANICAL  
SCALE 1/4" = 1'-0"

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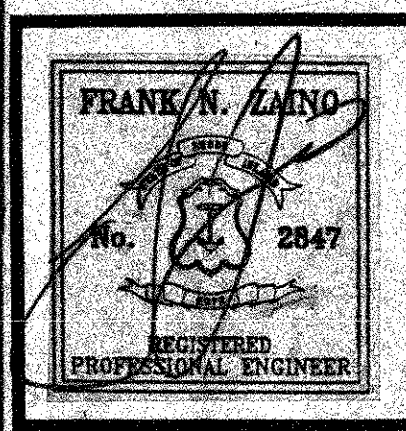
SHEET TITLE  
PARTIAL SECOND FLOOR PLAN - MECHANICAL

ASSOCIATES

dp

ARCHITECTS  
PLANNERS

CRANSTON  
RHODE ISLAND

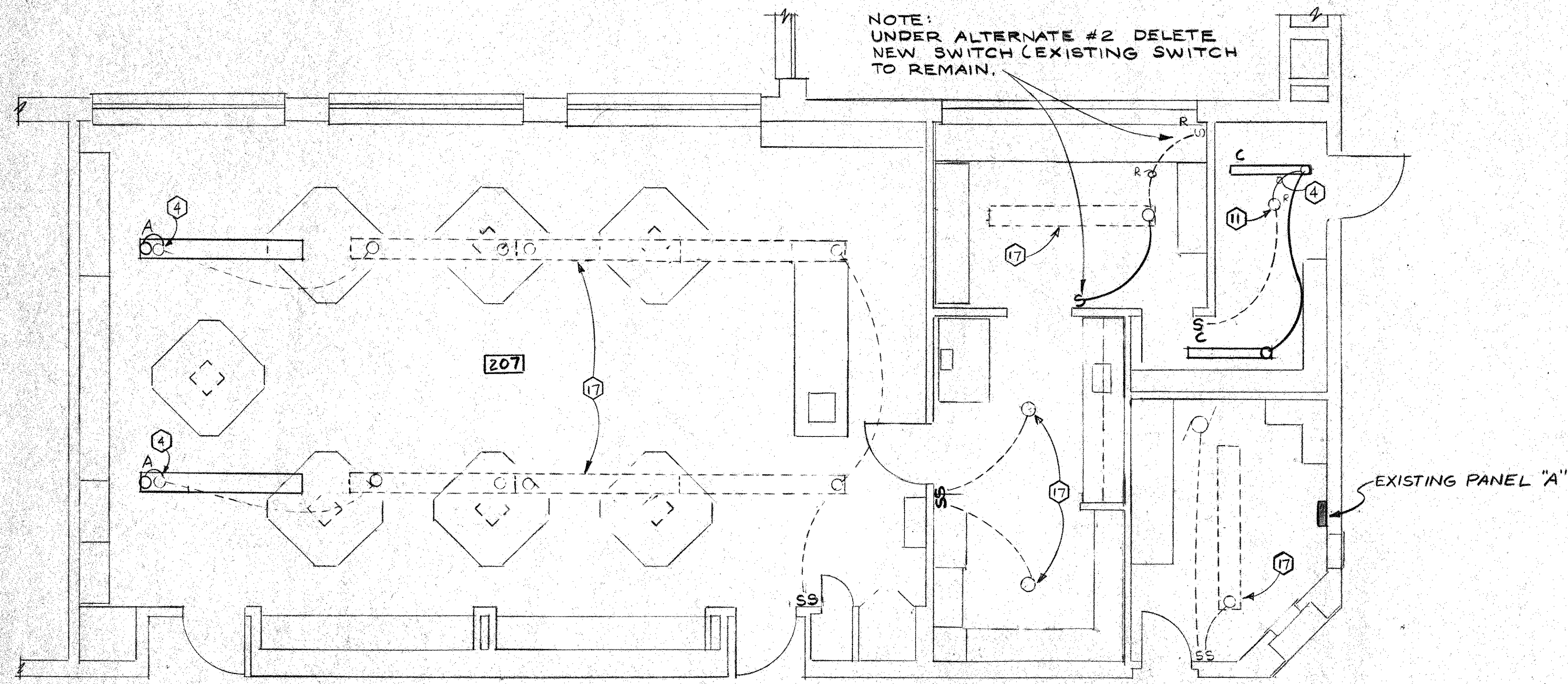


PROJECT  
RENOVATIONS  
TO WARWICK  
SCHOOL  
SCIENCE  
LABS

VETERANS  
HIGH SCHOOL

DATE 9-6-91  
M-3

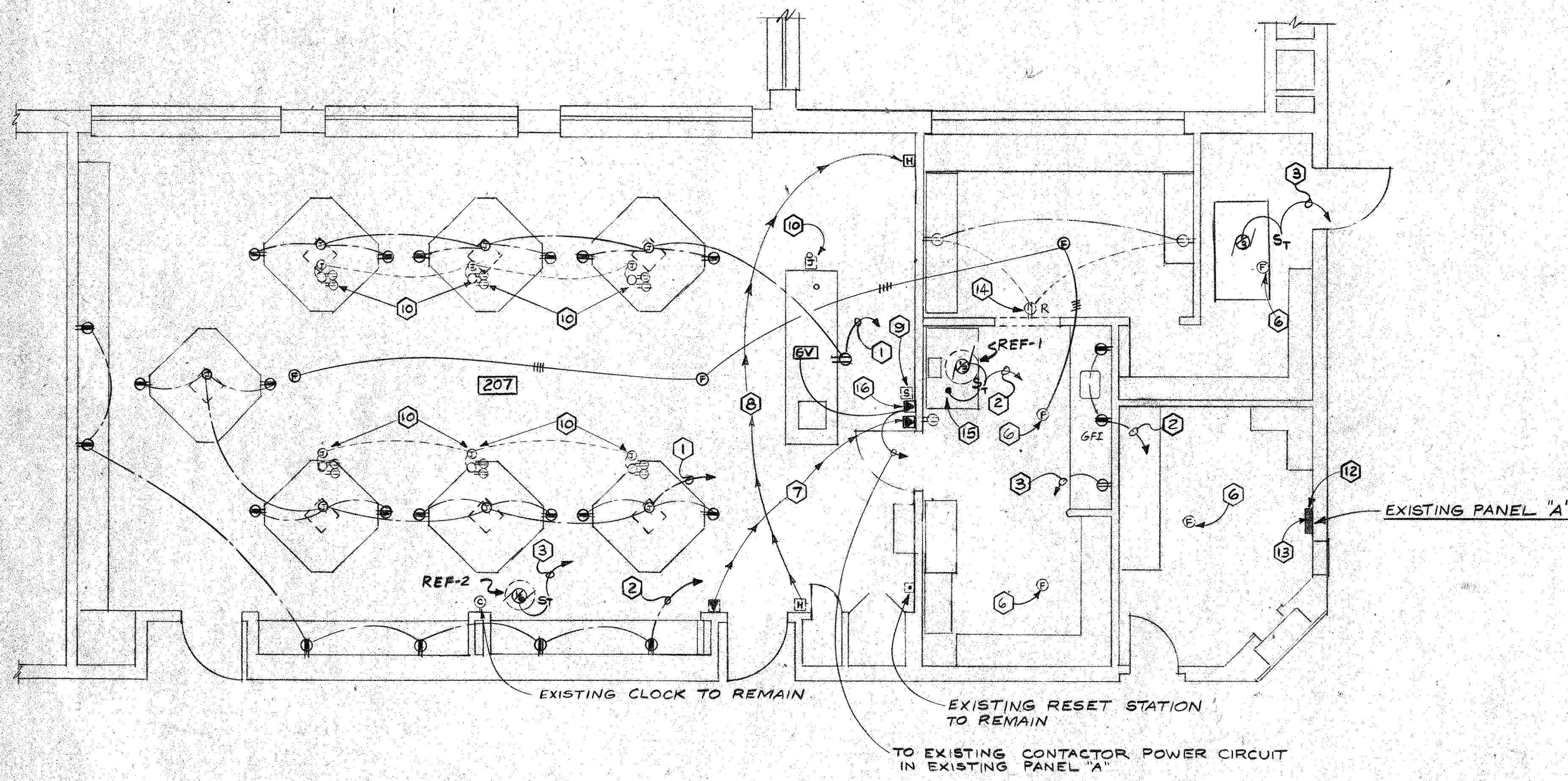
NO.	DATE	BY	REVISION



FIXTURE SCHEDULE					
TYPE	MANUFACTURER	CATALOG NO.	LAMPS	MOUNTING	COMMENTS
A	DAY-O-LITE	ART-7440	4-F40SPEC35/RS/EW-II	SUSP. TO MATCH EXIST.	
B	DAY-O-LITE	SL4-140	1-F40SPEC35/RS/EW-II	SURFACE / CEILING	
C	DAY-O-LITE	SL4-T240	2-F40SPEC35/RS/EW-II	SURFACE / CEILING	
D	DAY-O-LITE	ART-240	2-F40SPEC35/RS/EW-II	SUSP. 1'-0" STEMS	

**PARTIAL SECOND FLOOR PLAN - LIGHTING**  
SCALE: 1/4" = 1'-0"

NOTE: INCLUDE IN BID PRICE THE COST OF REMOVING FIXTURES FROM 1ST FLOOR CEILING TO FACILITATE INSTALLATION OF UTILITIES TO LAB BENCHES AND REINSTALLING SAME INCLUDING INSTALLING LONGER STEMS TO CLEAR PIPING.



**PARTIAL SECOND FLOOR PLAN - POWER & SIGNAL**  
SCALE: 1/4" = 1'-0"

- NOTES**
- TO NEW 20A IP G.F.I. CIRCUIT BKR. IN PANEL "A" VIA EXISTING RELAY.
  - TO NEW 20A IP G.F.I. CIRCUIT BKR. IN PANEL "A" VIA NEW RELAY.
  - TO NEW 20A IP CIRCUIT BKR. IN PANEL "A".
  - TIE INTO EXISTING LIGHTING CIRCUIT
  - ALL WIRING TO LAB TABLES SHALL BE FROM BELOW
  - EXISTING F.A. THERMOTECTOR TO REMAIN
  - RELOCATE EXISTING EMERGENCY STOP STATION AS INDICATED. PROVIDE NEW WIRING FROM NEW LOCATION TO EXISTING RELAY.
  - RELOCATE EXISTING CLASSROOM SOUND SYSTEM HAND-SET STATION AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION
  - EXISTING CLASSROOM SOUND SYSTEM SPEAKER TO REMAIN.
  - REMOVE EXISTING STANCHION AND QUADRAPLEX RECEPTACLES ALONG W/ RELATED WIRING.
  - REMOVE EXISTING LIGHTING IN THIS ROOM AND REPLACE WITH NEW FIXTURES AS INDICATED. REVISE SWITCHING AS INDICATED
  - PROVIDE IN EXISTING PANEL "A" 5-20A IP G.F.I. AND 3-20A IP CIRCUIT BREAKERS. CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH EXISTING CROUSE-HINDS TYPE CTL LOAD CENTER.
  - PROVIDE ONE 20AMP 3 POLE RELAY TO MATCH EXISTING RELAYS. INSTALL IN NEMA I ENCLOSURE AND WIRE TO EXISTING EMERGENCY STOP CONTROL CIRCUIT.
  - EXISTING RECEPTACLE TO BE REMOVED. MAINTAIN INTEGRITY OF EXISTING RECEPTACLES TO REMAIN.
  - TIE INTO HOOD LT AND RECEPTACLE. SW. FAN WITH HOOD FAN SWITCH
  - PROVIDE NEW YELLOW MUSHROOM HEAD MAINT. CONTACT IP N.C. CONTROL STATION. LABEL "GAS VALVE CONTROL" WIRE TO NORMALLY CLOSED MANUAL RESET GAS VALVE UNDER DEMO TABLE.
  - EXISTING LIGHTING FIXTURES TO REMAIN
- LEGEND**
- FLUORESCENT FIXTURE - LETTER INDICATES FIXTURE TYPE
  - S SINGLE POLE SWITCH - MTD. 48" A.F.F. TO  $\phi$ .
  - ⊕ DUPLEX CONVENIENCE OUTLET-MTD. 18" A.F.F. TO  $\phi$ .
  - ⊕ DUPLEX CONVENIENCE OUTLET-MTD. 46" A.F.F. TO  $\phi$  UNLESS OTHERWISE NOTED
  - ⊕ G.F.I. GROUND FAULT INTERRUPTING RECEPTACLE
  - BRANCH CIRCUIT WIRING CONCEALED IN CEILING OR WALL
  - BRANCH CIRCUIT WIRING CONCEALED IN FLOOR OR WALL
  - /— CROSSHATCHING INDICATES NUMBER OF CONDUCTORS REQUIRED IF MORE THAN TWO.
  - A 1,3 HOME RUN TO PANEL - LETTER INDICATES PANEL - NUMERALS INDICATE CIRCUITS.
  - ⊕ JUNCTION BOX - SIZE AS REQUIRED BY N.E.C. OR AS NOTED
  - ⊕ FIRE ALARM THERMOTECTOR - 135°F FIXED TEMP. AND RATE OF RISE. (MATCH EXISTING). TIE INTO EXISTING DETECTOR CIRCUIT AS REQUIRED

- GENERAL NOTES**
- THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND COMPLETELY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS BEFORE SUBMITTING HIS BID.
  - ALL EXISTING ELECTRICAL EQUIPMENT MADE OBSOLETE BY NEW CONSTRUCTION SHALL BE COMPLETELY REMOVED AND DISPOSED OF IN A LEGAL MANNER
  - MAINTAIN INTEGRITY OF ALL EXISTING CIRCUITRY TO REMAIN.

SHEET TITLE  
PARTIAL SECOND  
FLOOR PLAN -  
ELECTRICAL

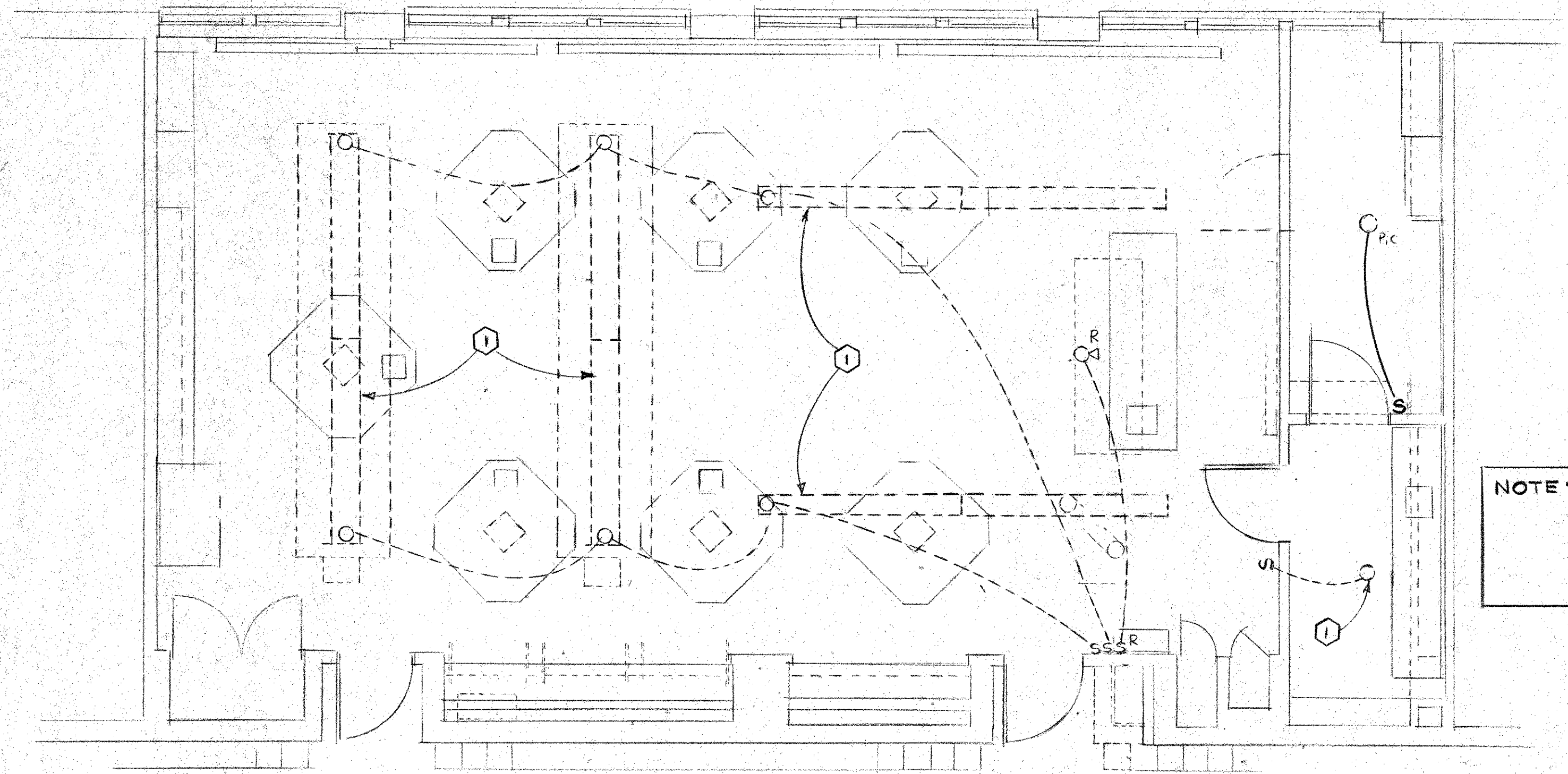
DONALD PROUT ASSOCIATES  
dp  
ARCHITECTS  
PLANNERS  
CRANSTON  
RHODE ISLAND

FRANK N. ZALING  
No. 2847  
PROFESSIONAL ENGINEER

PROJECT  
RENOVATION  
TO  
WARWICK  
SCHOOL  
SCIENCE  
LABS

GORTON  
JR. HIGH

DATE	BY	REVISION
7-6-91	JAH	E-1

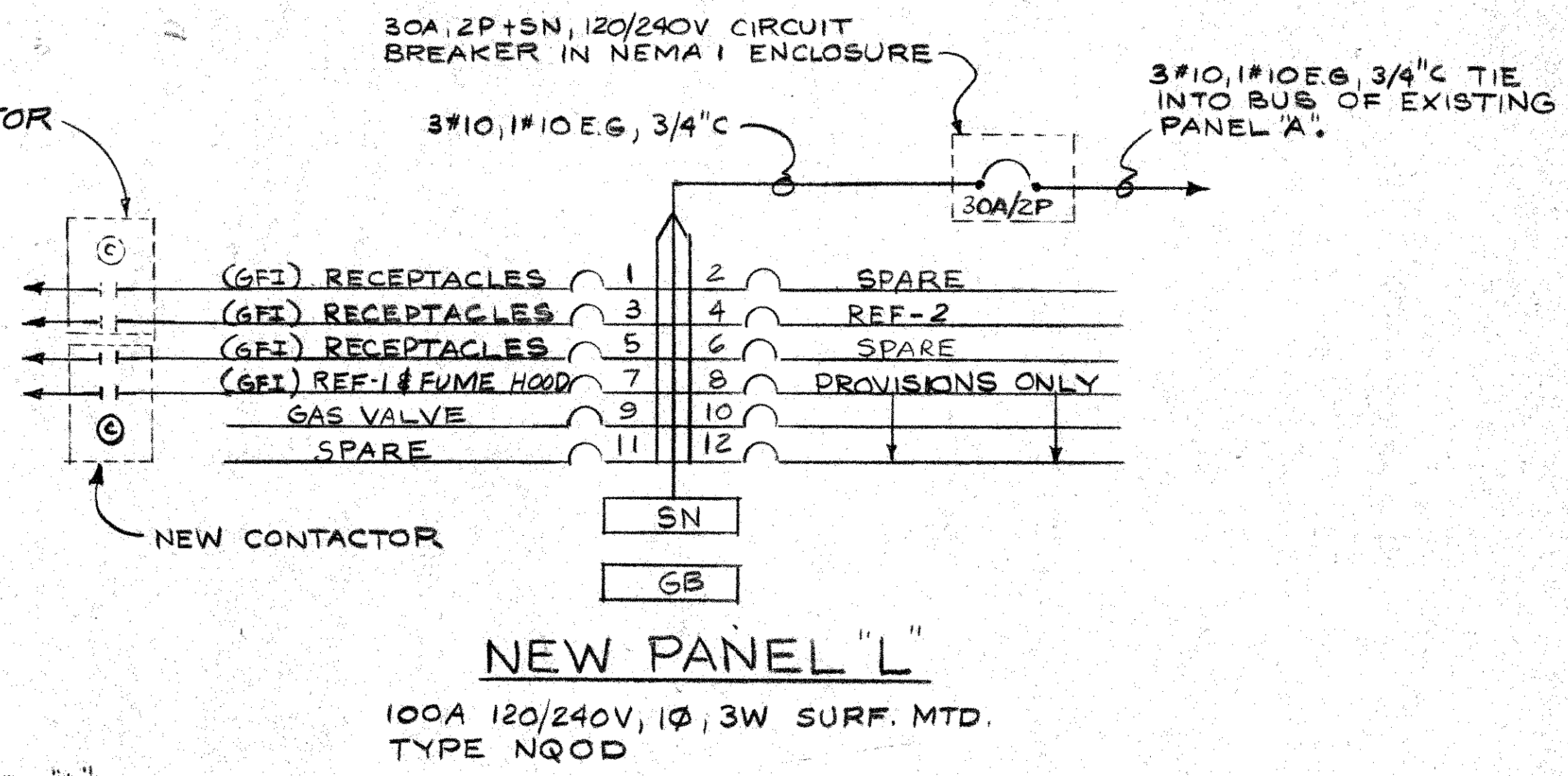
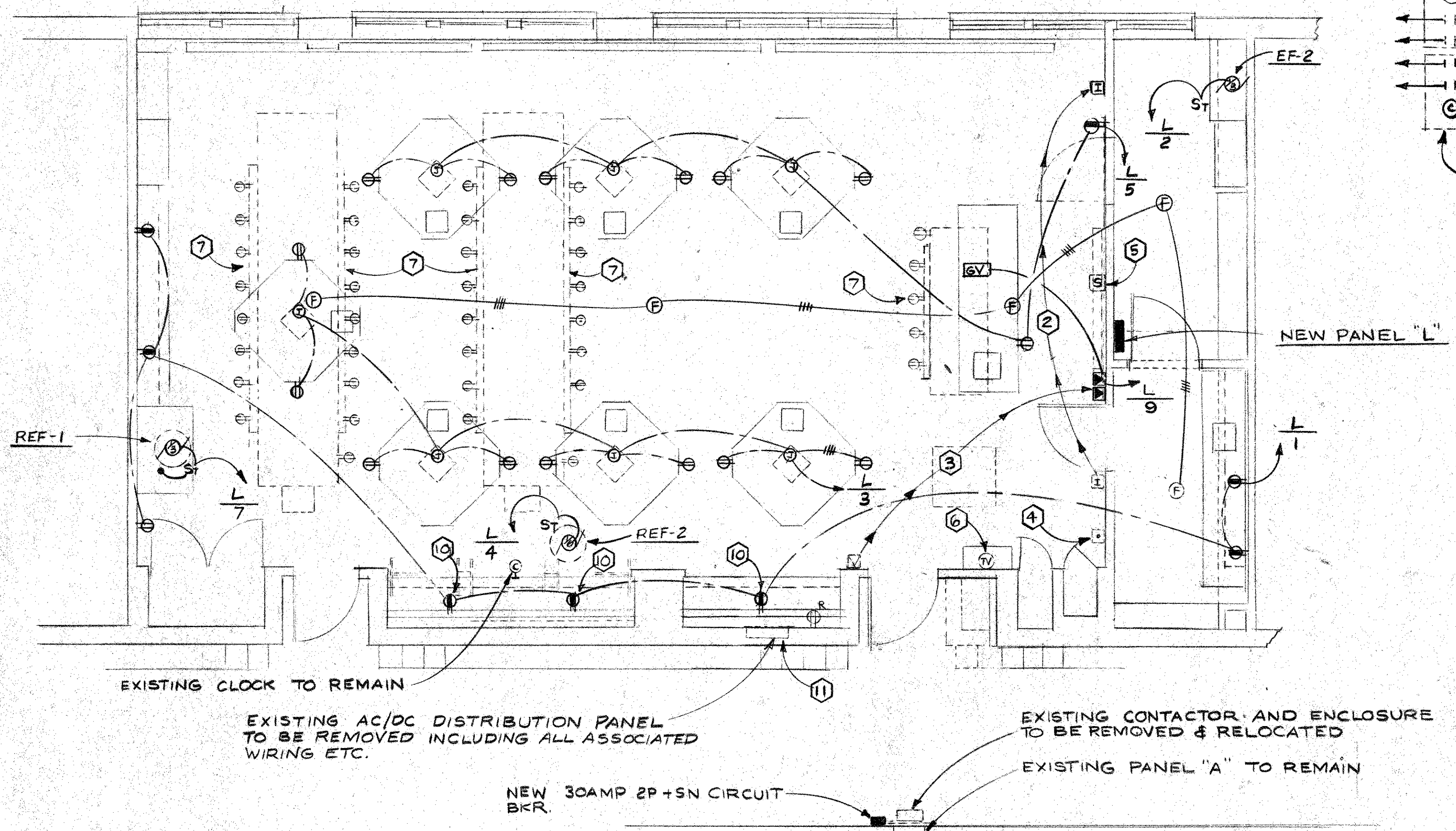


NOTE: INCLUDE IN BID PRICE THE COST OF REMOVING FIXTURES FROM 1ST FLOOR CEILING TO FACILITATE INSTALLATION OF UTILITIES TO LAB BENCHES AND RE-INSTALLING SAME INCLUDING INSTALLING LONGER STEMS TO CLEAR PIPING.

PARTIAL SECOND FLOOR PLAN - LIGHTING  
SCALE: 1/4" = 1'-0"

NOTES

- ① EXISTING LIGHTING FIXTURES TO REMAIN
- ② REMOVE EXISTING CLASSROOM SOUND SYSTEM HANDSET AND RELOCATE AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION.
- ③ REMOVE EXISTING EMERGENCY POWER DISC. PUSH BUTTON AND RELOCATE AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION
- ④ EXISTING EMERGENCY POWER DISC. SYSTEM RESET TO REMAIN.
- ⑤ EXISTING CLASSROOM SPEAKER TO REMAIN
- ⑥ EXISTING T.V. OUTLET TO REMAIN
- ⑦ REMOVE EXISTING WIRING TO ALL BENCHES
- ⑧ REMOVE EXISTING 2 POLE CONTACTOR AND RELOCATE TO ABOVE NEW PANEL "L". PROVIDE NEW 2 POLE CONTACTOR TO MATCH EXISTING CONTACTOR AND MOUNT ADJACENT TO EXISTING. WIRE BOTH CONTACTORS TO BE CONTROLLED AS PER EXISTING SYSTEM.
- ⑨ PROVIDE NEW YELLOW MUSHROOM HEAD MAINTAINED CONTACT IP N.C. CONTROL STATION, LABEL "GAS VALVE CONTROL". WIRE TO NORMALLY CLOSED MANUAL RESET GAS VALVE UNDER DEMO. TABLE.
- ⑩ UNDER ALTERNATE #13 NEW RECEPTACLE TO BE DELETED
- ⑪ UNDER ALTERNATE #13 EXISTING DISTRIBUTION PANEL TO REMAIN



PARTIAL SECOND FLOOR PLAN - POWER AND SIGNAL  
SCALE: 1/4" = 1'-0"

SHEET TITLE  
PARTIAL SECOND  
FLOOR PLAN -  
ELECTRICAL

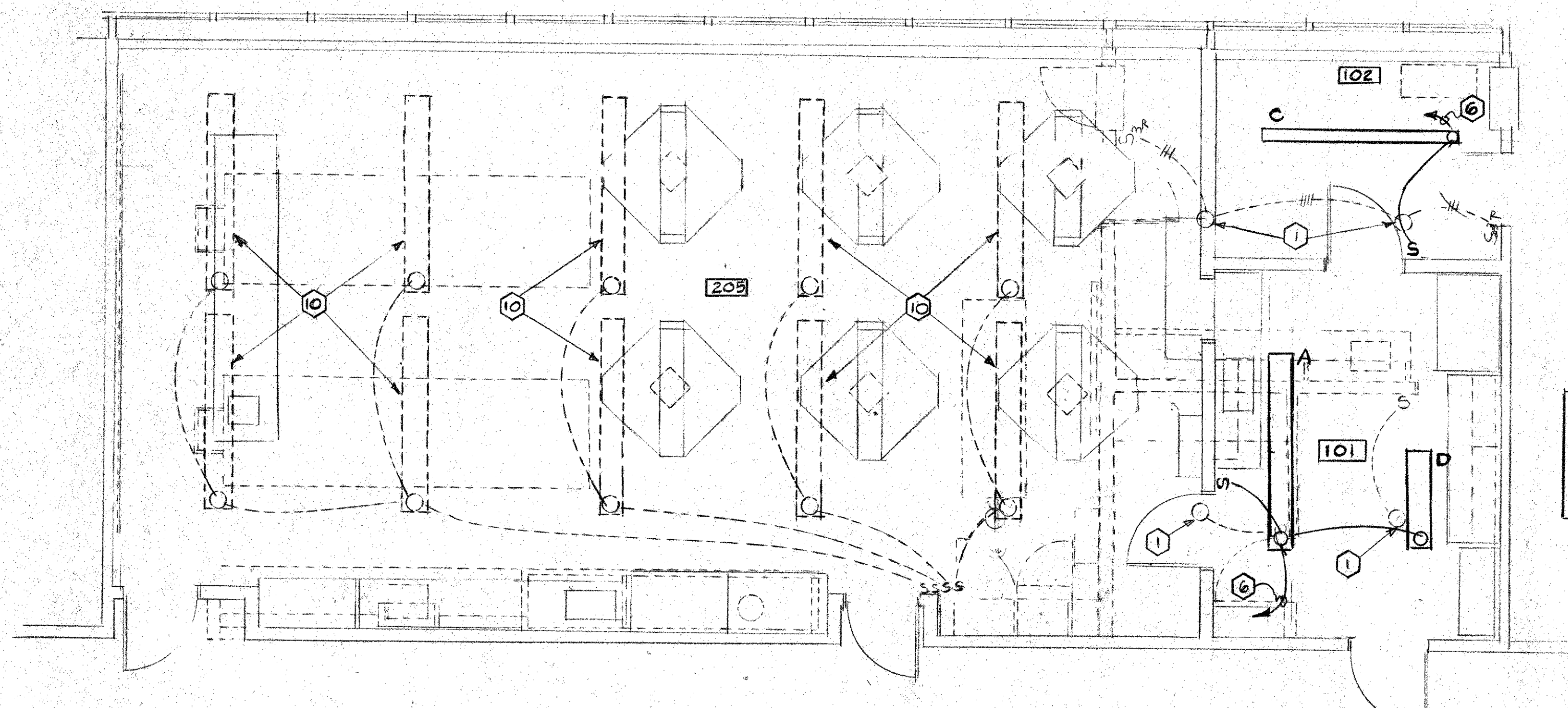
DONALD PROUT ASSOCIATES  
dp  
ARCHITECTS  
PLANNERS  
CRANSTON  
RHODE ISLAND

FRANK N. ZAND  
No. 2947  
REGISTERED  
PROFESSIONAL ENGINEER

PROJECT  
RENOVATIONS  
TO  
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SCHOOL  
SCIENCE  
LABS

ALDRICH  
JR. HIGH

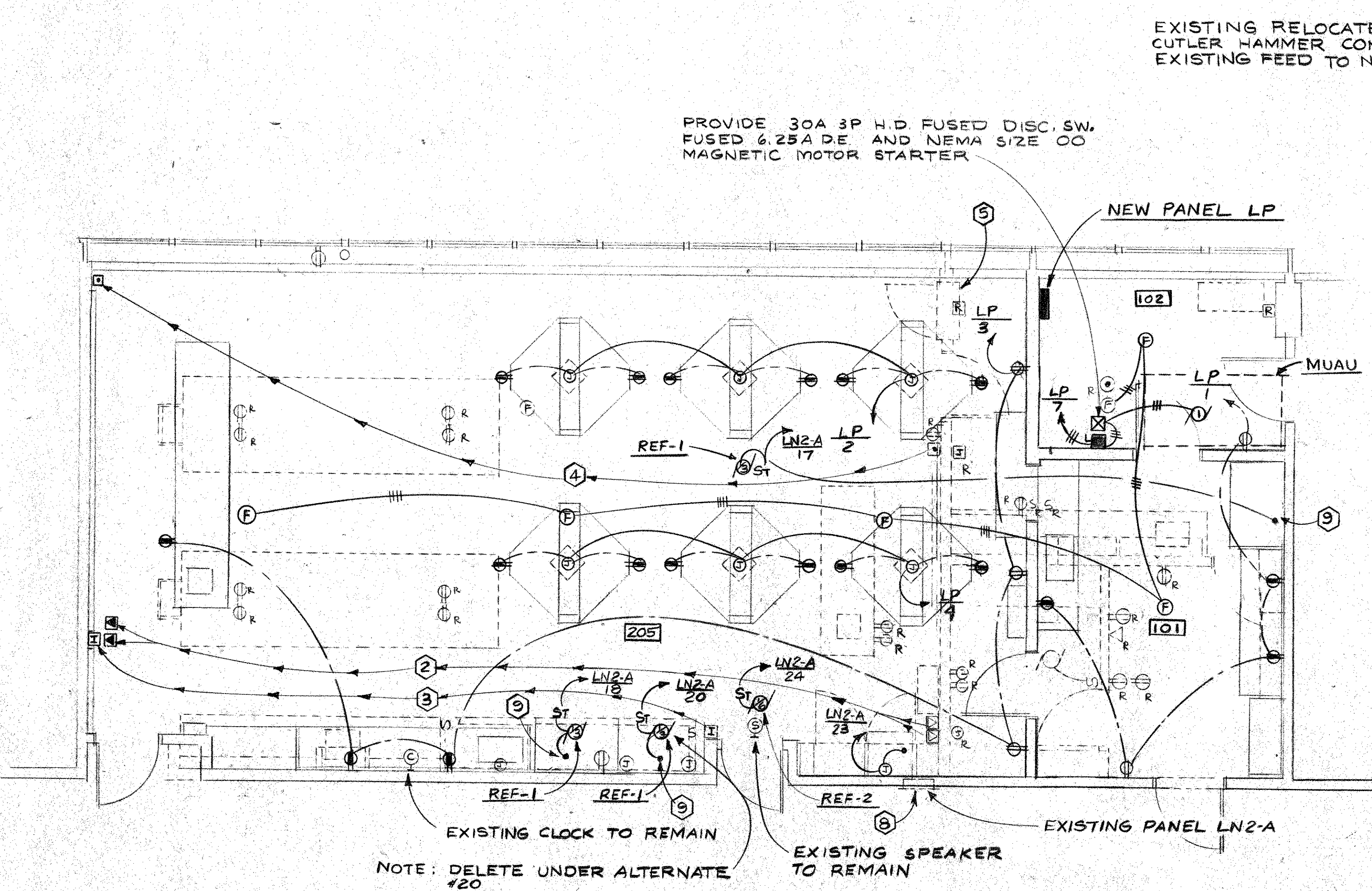
DESIGNED BY	DATE	SHEET NO.
JAH	9-6-91	E-2
REVISIONS		



NOTE: INCLUDE IN BID PRICE THE COST OF REMOVING FIXTURES FROM 1ST FLOOR CEILING TO FACILITATE INSTALLATION OF UTILITIES TO LAB BENCHES AND RE-INSTALLING SAME INCLUDING INSTALLING LONGER STEMS TO CLEAR PIPING

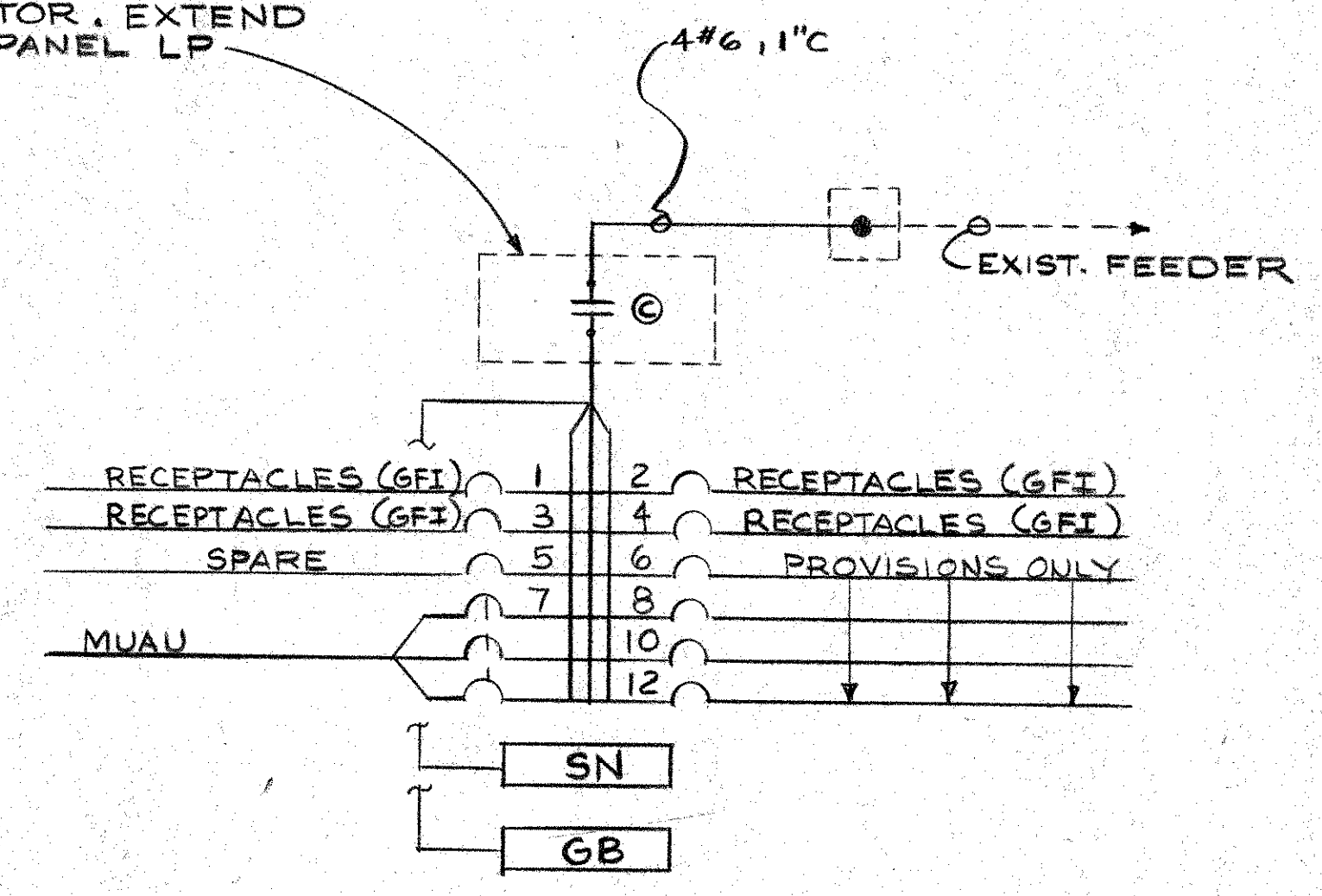
- NOTES**
- ① REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM AND REPLACE WITH NEW FIXTURES AS INDICATED.
  - ② RELOCATE EXISTING EMERGENCY STOP STATIONS AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION.
  - ③ RELOCATE EXISTING CLASSROOM SOUND SYSTEM HANDSET AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION
  - ④ RELOCATE EXISTING EMERGENCY STOP SYSTEM RESET BUTTON AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION
  - ⑤ EXISTING LAB ELECTRICAL DISTRIBUTION PANEL TO BE REMOVED
  - ⑥ TIE INTO EXISTING LIGHTING CIRCUIT
  - ⑦ TIE INTO EXISTING FIRE ALARM DETECTOR CIRCUIT
  - ⑧ REPLACE EXISTING CIRCUIT BREAKERS #18, #20, #17 AND #23 IN EXISTING PANEL LN2-A WITH NEW 20AMP GROUND FAULT INTERRUPTION SINGLE POLE CIRCUIT BREAKERS.
  - ⑨ TIE INTO HOOD LT. & RECEPTACLES.
  - ⑩ EXISTING LIGHT FIXTURE TO REMAIN

**PARTIAL SECOND FLOOR PLAN - LIGHTING**  
SCALE: 1/4" = 1'-0"



EXISTING RELOCATED 50AMP, 3 POLE CUTLER HAMMER CONTACTOR. EXTEND EXISTING FEED TO NEW PANEL LP

PROVIDE 30A 3P H.D FUSED DISC. SW. FUSED 6.25A DE AND NEMA SIZE 00 MAGNETIC MOTOR STARTER

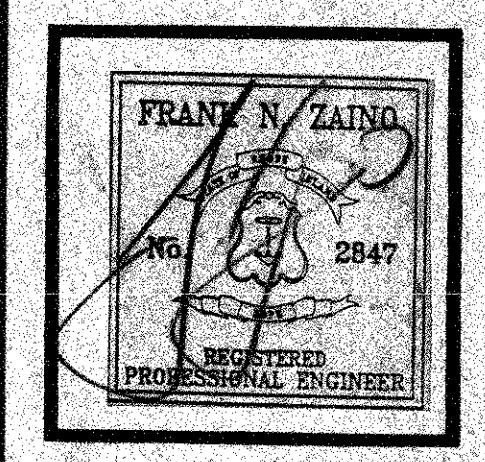


**NEW PANEL LP**  
100 AMP M.L.O. 120/208V, 3Ø, 1.4W  
SURF. MTD SQ.D TYPE NQ0D

**PARTIAL SECOND FLOOR PLAN - POWER & SIGNAL**  
SCALE: 1/4" = 1'-0"

SHEET TITLE  
PARTIAL SECOND  
FLOOR PLAN -  
ELECTRICAL

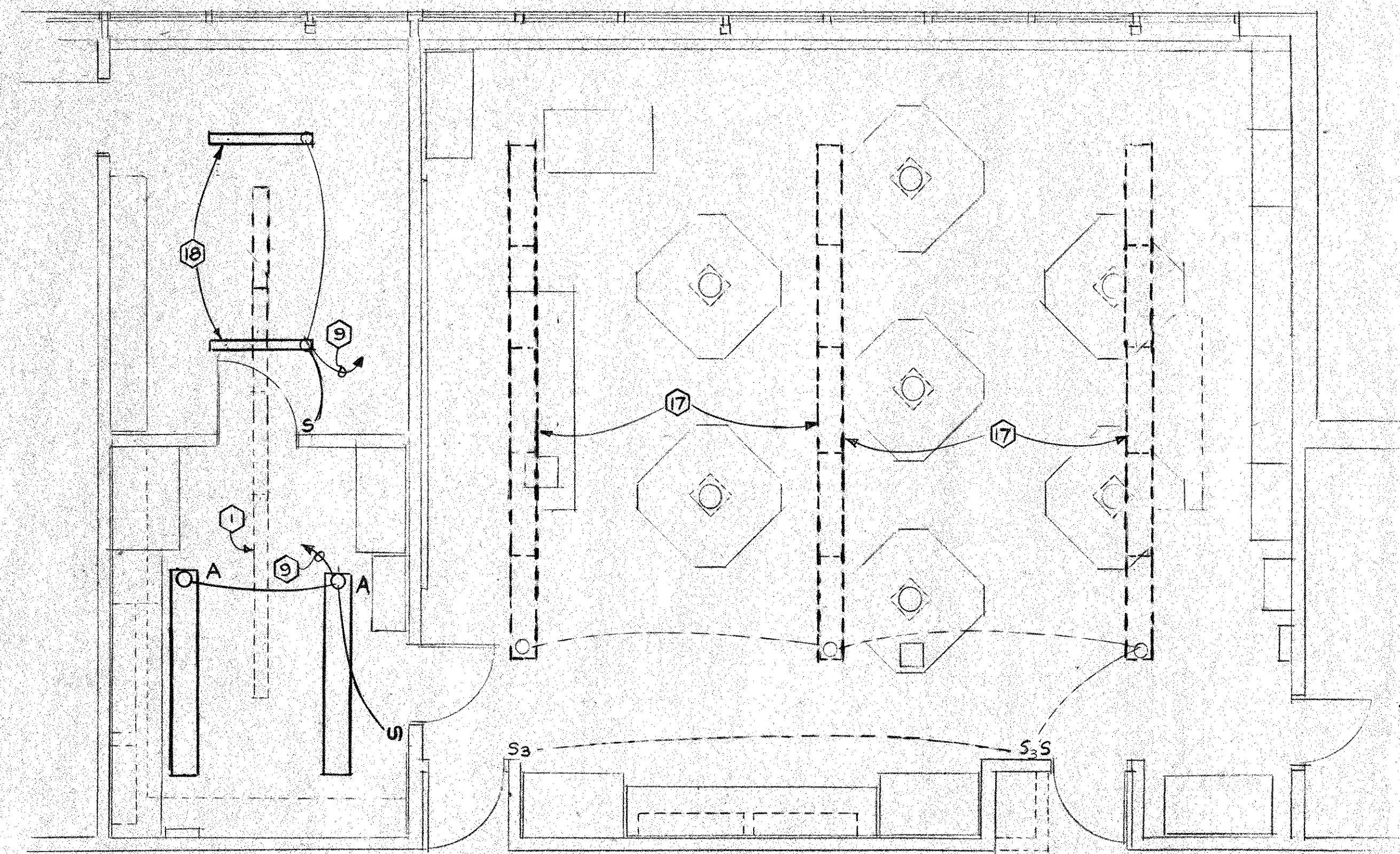
DONALD PROUT ASSOCIATES  
**dp**  
ARCHITECTS  
PLANNERS  
CRANSTON  
RHODE ISLAND



PROJECT  
RENOVATIONS  
TO  
WARWICK  
SCHOOL  
SCIENCE  
LABS

VETERANS  
HIGH SCHOOL

DRAWN BY	DATE	SHEET NO.
JAH	9-6-91	E-3
REVISIONS		

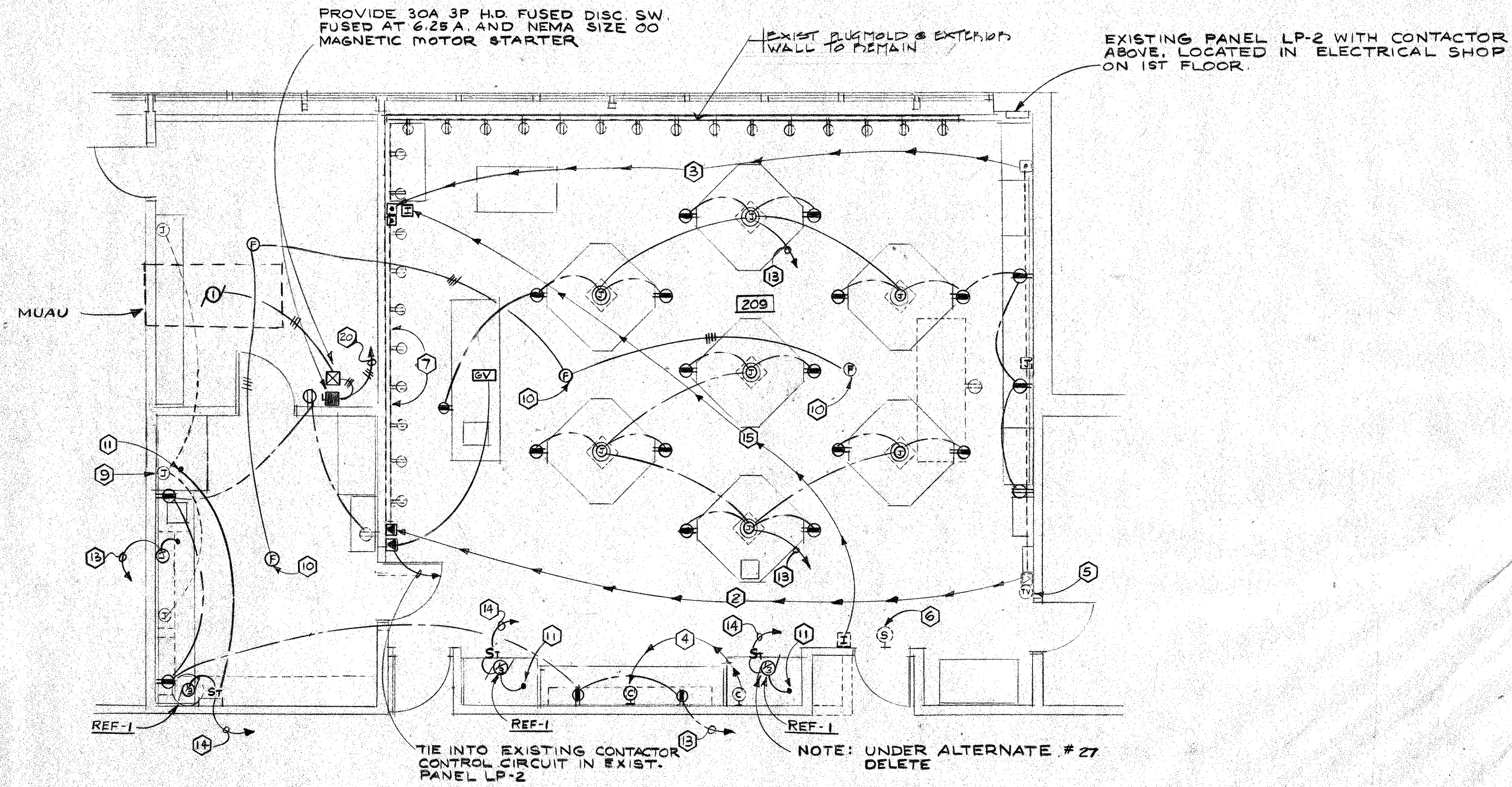


NOTE: INCLUDE IN BID PRICE THE COST OF REMOVING FIXTURES FROM 1ST FLOOR CEILING TO FACILITATE INSTALLATION OF UTILITIES TO LAB BENCHES AND RE-INSTALLING SAME INCLUDING INSTALLING LONGER STEMS TO CLEAR PIPING

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

NOTES

- 1 REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM AND REPLACE WITH NEW FIXTURES AS INDICATED. REVISE SWITCHING AS INDICATED.
- 2 REMOVE EXISTING EMERGENCY POWER DISC. PUSH BUTTON AND RELOCATE AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION.
- 3 REMOVE EXISTING EMERGENCY POWER DISC. SYSTEM RESET BUTTON AND RELOCATE AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION.
- 4 REMOVE EXISTING CLOCK AND RELOCATE AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION.
- 5 EXISTING TV. OUTLET TO REMAIN.
- 6 EXISTING SOUND SYSTEM SPEAKER TO REMAIN.
- 7 REMOVE EXISTING PLUGMOLD.
- 8 RELOCATE EXISTING JUNCTION BOX TO CLEAR NEW FUME HOOD. EXTEND EXISTING CONDUIT AND WIRE AS REQUIRED.
- 9 TIE INTO EXISTING LIGHTING CIRCUIT.
- 10 PROVIDE NEW F.A. THERMODETECTOR TO MATCH EXISTING THERMODETECTOR AND TIE INTO EXIST. DETECTOR CIRCUIT.
- 11 TIE INTO HOOD LIGHT AND RECEPTACLES.
- 12 PROVIDE IN EXISTING PANEL LP-2 SEVEN (7) NEW 20A, 1P G.F.I. CIRCUIT BREAKERS TO REPLACE EXISTING SPARE CIRCUIT BREAKERS.
- 13 TO NEW 20A, 1P G.F.I. CIRC. BKR. IN EXISTING PANEL LP-2 VIA EXISTING RELAY CONTACT.
- 14 TO NEW 20A, 1P G.F.I. CIRC. BKR. IN EXISTING PANEL LP-2.
- 15 RELOCATE EXISTING CLASSROOM SOUND SYSTEM HANDSET AS INDICATED. EXTEND EXISTING WIRING TO NEW LOCATION.
- 16 PROVIDE NEW YELLOW MUSHROOM HEAD MAINT. CONTACT, 1P N.C. CONTROL STATION, LABEL "GAS VALVE CONTROL" AND WIRE TO NORMALLY CLOSED MANUAL RESET GAS VALVE UNDER DEMO TABLE.
- 17 EXISTING LIGHTING FIXTURES TO REMAIN.
- 18 RELOCATE 2-4' 2LAMP STRIP LITES AS INDICATED.
- 19 PROVIDE IN EXISTING PANEL LP-2 ONE 20A 3POLE CIRCUIT BREAKER.
- 20 TO NEW 20A 3POLE CIRCUIT BREAKER IN EXISTING PANEL LP-2.
- 21 EXISTING PLUGMOLD TO REMAIN ALONG THIS WALL. RECONNECT TO EXISTING CIRCUIT.



PROVIDE 30A 3P H.D. FUSED DISC. SW. FUSED AT 6.25 A. AND NEMA SIZE 00 MAGNETIC MOTOR STARTER.

EXIST. PLUGMOLD & EXTENSION WALL TO REMAIN

EXISTING PANEL LP-2 WITH CONTACTOR ABOVE, LOCATED IN ELECTRICAL SHOP ON 1ST FLOOR.

TIE INTO EXISTING CONTACTOR CONTROL CIRCUIT IN EXIST. PANEL LP-2

NOTE: UNDER ALTERNATE # 27 DELETE

PARTIAL SECOND FLOOR PLAN-POWER & SIGNAL  
SCALE: 1/8" = 1'-0"

SHEET TITLE  
PARTIAL SECOND FLOOR PLAN - ELECTRICAL

DONALD PROUT ASSOCIATES  
dp  
ARCHITECTS  
PLANNERS  
CRANSTON  
RHODE ISLAND

FRANK N. ZAINO  
No. 2847  
REGISTERED PROFESSIONAL ENGINEER

PROJECT  
RENOVATIONS  
TO  
WARWICK  
SCHOOL  
SCIENCE  
LABS

VETERANS  
HIGH SCHOOL

DATE	REVISION
JAH 9/6/91	E-4