LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK METROPOLITIAN SCHOOL DISTRICT OF LAWRENCE TOWNSHIP INDIANAPOLIS, INDIANA



LAWRENCE CENTRAL HIGH SCHOOL

MSD OF LAWRENCE TOWNSHIP

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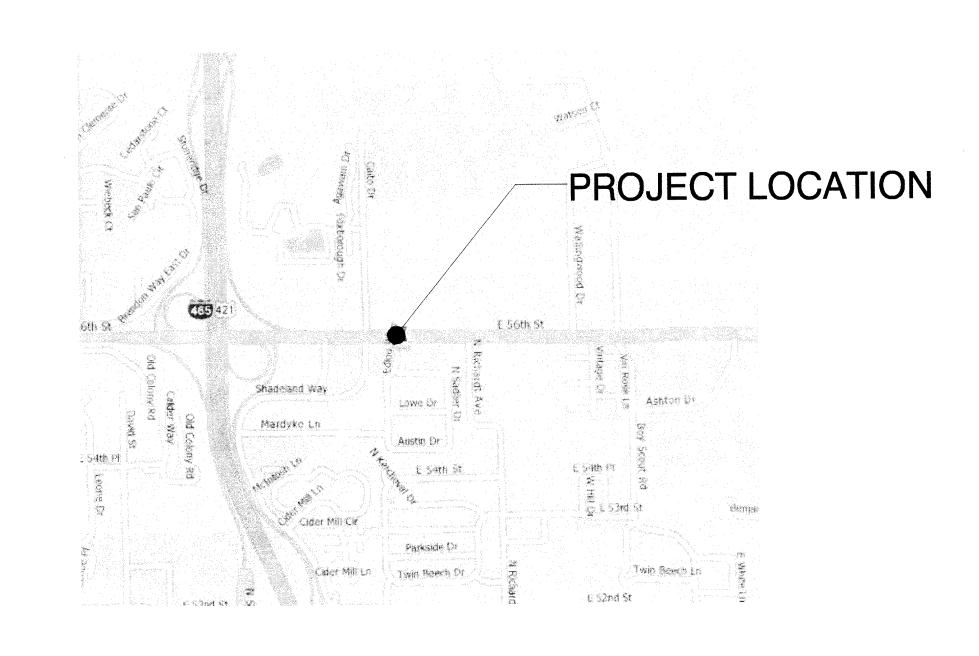
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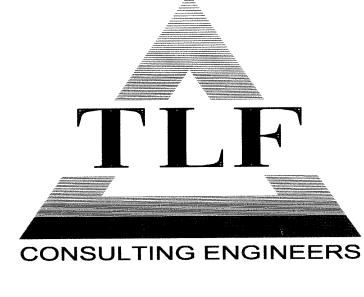




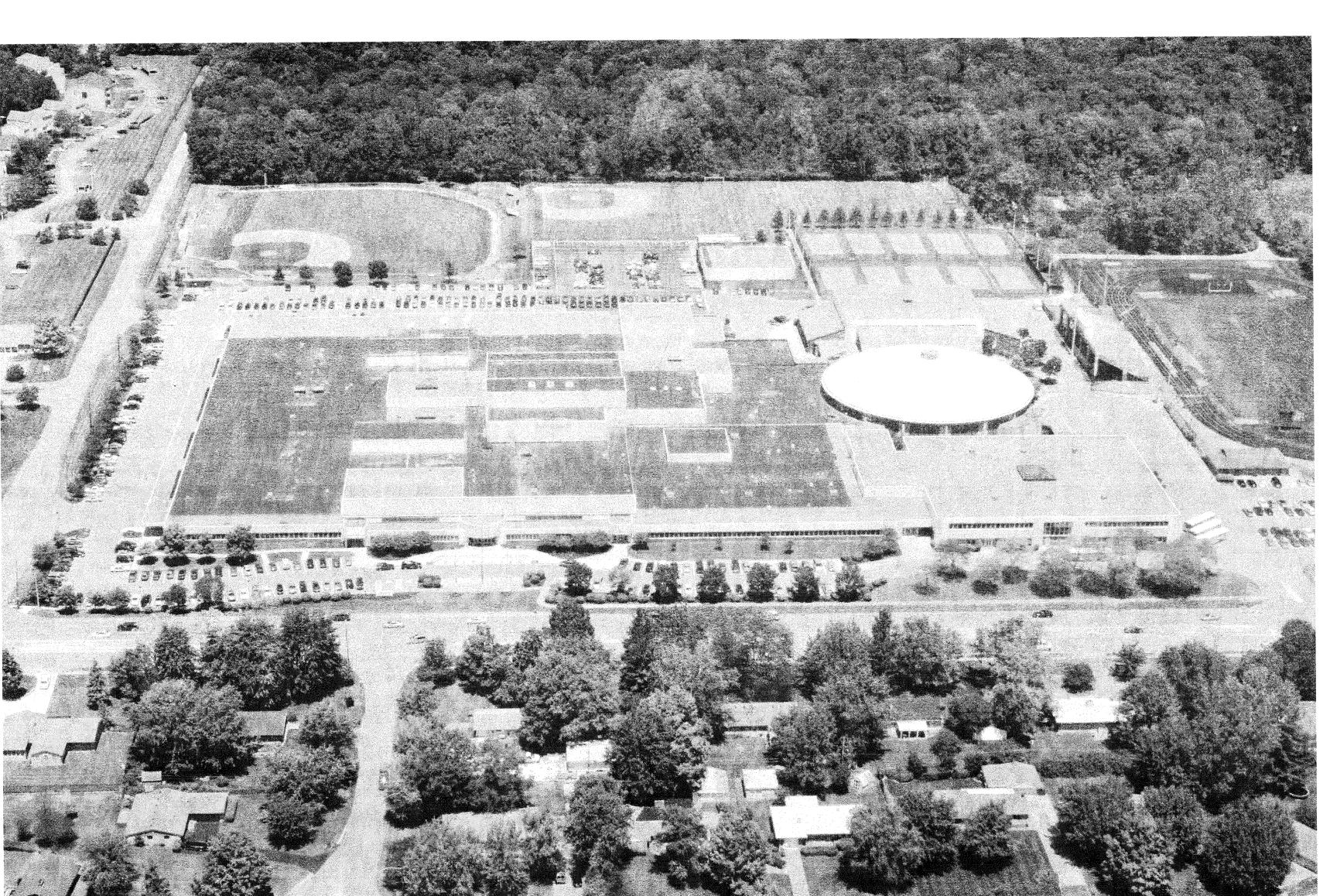
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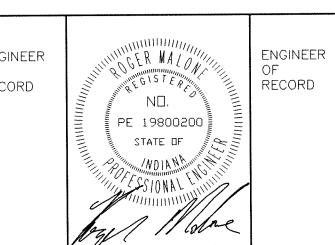
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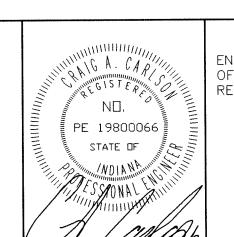


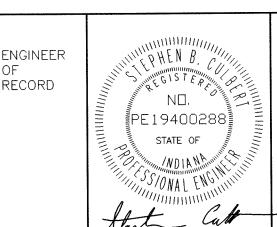
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	LAWRENCE D. HOVEE	







STEPHEN CULBERT

LAWRENCE CENTRAL HIGH SCHOOL

MARK OBERGFELL REGISTERED ENGINEER NO.

GI001

DRAWING COVER SHEET

Al402 INTERIOR FLOOR PATTERNS

AI701 INTERIOR WALL PATTERNS

AI802 MILLWORK

Al801 PLASTIC LAMINATE CASEWORK ELEVATIONS AND SCHEDULE

VOLUME TWO

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RENOVATIONS, ADDITIONS AND RELATED WORK MSD OF LAWRENCE TOWNSHIP

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SHEET INDEX

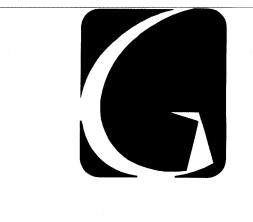
LAWRENCE CENTRAL HIGH SCHOOL

GIBRALTAR DESIGN SHEET

(NOT ALL SYMBOLS AND ABBREVIATIONS MAY APPLY FOR THIS PROJECT)

GENERAL MECHANICAL NOTES (APPLY TO ALL MECHANICAL SHEETS)

- 1. THIS CONTRACTOR IS RESPONSIBLE FOR ALL NEW WORK SHOWN ON THESE SHEETS UNLESS OTHERWISE NOTED.
- 2. REFER TO ARCHITECTURAL, STRUCTURAL AND ELECTRICAL SHEETS AND COORDINATE ALL WORK.
- 3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF CEILING DIFFUSERS, RETURN GRILLES, EXHAUST GRILLES, ETC. WITH RESPECT TO CEILING TYPE, CEILING GRID AND LIGHTING FIXTURES.
- 4. ALL PIPING IN PIPE SPACES SHALL BE PLACED AS CLOSE TO WALLS AS POSSIBLE TO ALLOW MAXIMUM ACCESS.
- 5. ALL DUCTWORK AND PIPING ABOVE CEILING SHALL BE PLACED TO AVOID LIGHTING FIXTURES, JOISTS, BEAMS, ETC.
- 6. PROVIDE CEILING ACCESS PANELS FOR ACCESS TO VOLUME DAMPERS, FIRE DAMPERS, SHUT-OFF VALVES, CONTROL VALVES, DRAIN VALVES, EQUIPMENT, ETC. LOCATED ABOVE NON-ACCESSIBLE CEILINGS. COORDINATE ALL ACCESS PANELS
- 7. CONTRACTOR SHALL CORE DRILL HOLES THROUGH FLOORS, WALLS, DECKS, ETC. WHERE PASSAGE IS NOT AVAILABLE TO INSTALL NEW PIPING. PROVIDE PIPE SLEEVES AND PROPERLY SEAL ALL PIPE PENETRATIONS AS REQUIRED. REFER TO
- 8. ALL HEATING AND CHILLED WATER BRANCH PIPING SHOWN WITHOUT SIZE INDICATED, SHALL BE A MINIMUM OF 3/4".
- 9. ARROWS ON ALL HEATING AND CHILLED WATER PIPING MAINS INDICATE DIRECTION OF FLOW. PITCH PIPING MAINS UP A MINIMUM OF 1" PER 50'-0" IN DIRECTION OF SUPPLY WATER FLOW.
- 10. ALL FAN COIL UNIT CONDENSATE DRAINS ABOVE GRADE SHALL BE TYPE "L" HARD COPPER TUBING AND SHALL BE SIZED AS FOLLOWS: 1" DRAIN FOR ONE COIL, 1 1/4" DRAIN FOR TWO COILS, 1 1/2" DRAIN FOR THREE COILS, 2" DRAIN FOR FOUR OR MORE COILS. ALL BELOW GRADE DRAINS SHALL BE 2" EXTRA HEAVY CAST IRON SOIL PIPE AND SHALL SLOPE 1/8" PER 1"-0" UNLESS OTHERWISE
- 11. ALL AUTOMATIC TEMPERATURE REGULATING VALVES SHALL BE SIZED FOR 5 PSI MAXIMUM WATER PRESSURE DROP.
- 12. VALVE ALL HEATING AND CHILLED WATER BRANCHES IN FAN AND MECHANICAL ROOMS. CONTRACTOR SHALL ALSO PROVIDE AND INSTALL VALVES IN ALL PIPING AS REQUIRED TO FACILITATE OPERATION OF VARIOUS SYSTEMS DURING
- 13. HEATING AND CHILLED WATER BRANCHES TO CONVECTORS, VAV RE-HEAT COILS AND FAN COIL UNITS SHALL BE 3/4" FOR UNITS UNDER 3 GPM AND 1" FOR UNITS OVER 3 GPM UNLESS OTHERWISE NOTED. 1" SIZE TO ALL CABINET HEATERS AND UNIT HEATERS UNLESS OTHERWISE NOTED.
- 14. ALL THERMOSTATS SHALL BE APPROXIMATELY 4'-6" ABOVE FINISHED FLOOR AND LINED UP VERTICALLY WITH LIGHT SWITCHES UNLESS OTHERWISE NOTED OR DIRECTED BY ARCHITECT.
- 15. ALL THERMOSTATS IN BOILER AND MECHANICAL ROOMS SHALL BE SET AT 60 DEGREES FAHRENHEIT.
- 16. PAINT ALL AREAS ABOVE CEILING THAT ARE VISIBLE THROUGH CEILING RETURN AIR GRILLES A FLAT BLACK.
- 17. INSTALL ALL FPB & VAV BOXES WITH BOTTOM OF BOXES A MAXIMUM OF 24" ABOVE CEILING. ALL FPB & VAV BOXES SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS ABOVE LAY-IN CEILINGS, IN SUCH A MANNER THAT ALL ITEMS (FILTERS, CONTROLS, ELECTRICAL DEVICES, ETC.) REQUIRING SERVICING ARE
- 18. DUCTWORK SIZES INDICATED ON DRAWINGS ARE TO BE FREE AREA DIMENSION AND SHALL BE INCREASED TO ACCOMODATE ACOUSTICAL LINER WHERE REQUIRED.



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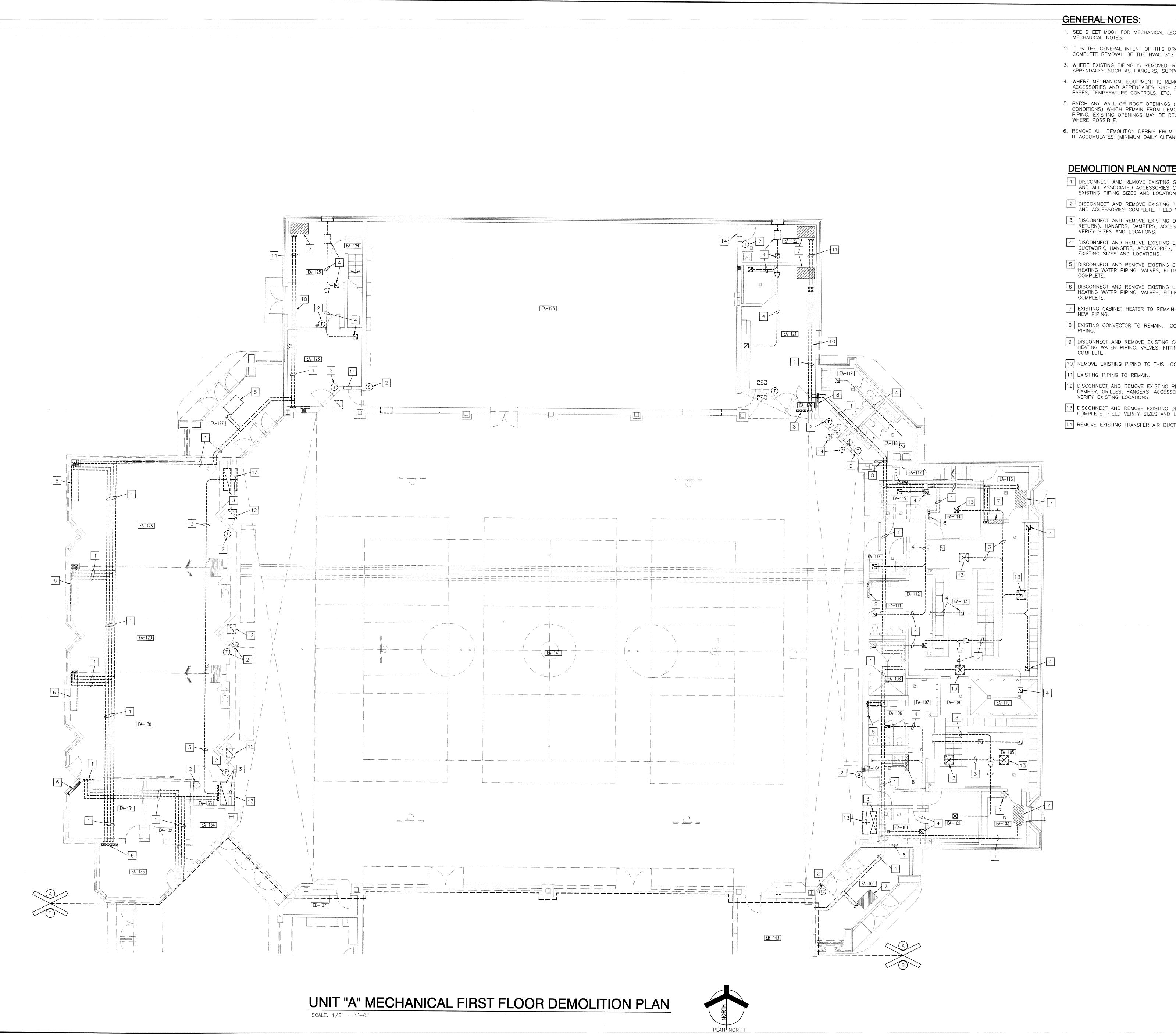
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MECHANICAL LEGEND AND GENERAL NOTES

LAWRENCE CENTRAL HIGH SCHOOL

GIBRALTAR DESIGN SHEET



SEE SHEET MOO1 FOR MECHANICAL LEGEND AND GENERAL MECHANICAL NOTES.

- IT IS THE GENERAL INTENT OF THIS DRAWING TO REQUIRE COMPLETE REMOVAL OF THE HVAC SYSTEM AS NOTED.
- 3. WHERE EXISTING PIPING IS REMOVED. REMOVE ALL ASSOCIATED APPENDAGES SUCH AS HANGERS, SUPPORTS, ETC.
- 4. WHERE MECHANICAL EQUIPMENT IS REMOVED. REMOVE ALL ACCESSORIES AND APPENDAGES SUCH AS SUPPORTS, CONCRETE
- 5. PATCH ANY WALL OR ROOF OPENINGS (TO MATCH EXISTING CONDITIONS) WHICH REMAIN FROM DEMOLITION OF EQUIPMENT OR PIPING. EXISTING OPENINGS MAY BE REUSED FOR NEW PIPING
- 6. REMOVE ALL DEMOLITION DEBRIS FROM THE PREMISES AS FAST AS IT ACCUMULATES (MINIMUM DAILY CLEAN—UP).

DEMOLITION PLAN NOTES:

- DISCONNECT AND REMOVE EXISTING SUPPLY AND RETURN PIPING AND ALL ASSOCIATED ACCESSORIES COMPLETE. FIELD VERIFY EXISTING PIPING SIZES AND LOCATIONS.
- 2 DISCONNECT AND REMOVE EXISTING THERMOSTAT, PNEUMATIC TUBING AND ACCESSORIES COMPLETE. FIELD VERIFY EXISTING LOCATION. 3 DISCONNECT AND REMOVE EXISTING DUCTWORK (SUPPLY AND RETURN), HANGERS, DAMPERS, ACCESSORIES, ETC. COMPLETE. FIELD VERIFY SIZES AND LOCATIONS.
- DISCONNECT AND REMOVE EXISTING EXHAUST FAN, GRILLE, EXHAUST DUCTWORK, HANGERS, ACCESSORIES, ETC. COMPLETE. FIELD VERIFY EXISTING SIZES AND LOCATIONS.
- 5 DISCONNECT AND REMOVE EXISTING CABINET HEATER, ASSOCIATED HEATING WATER PIPING, VALVES, FITTINGS, CONTROLS, ETC.
- 6 DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, ASSOCIATED HEATING WATER PIPING, VALVES, FITTINGS, CONTROLS, ETC.
- 7 EXISTING CABINET HEATER TO REMAIN. CABINET HEATER TO RECEIVE NEW PIPING.
- 8 EXISTING CONVECTOR TO REMAIN. CONVECTOR TO RECEIVE NEW PIPING.
- 9 DISCONNECT AND REMOVE EXISTING CONVECTOR, ASSOCIATED HEATING WATER PIPING, VALVES, FITTINGS, CONTROLS, ETC.
- 10 REMOVE EXISTING PIPING TO THIS LOCATION.
- DISCONNECT AND REMOVE EXISTING RELIEF VENT, DUCTWORK, DAMPER, GRILLES, HANGERS, ACCESSORIES, ETC. COMPLETE. FIELD VERIFY EXISTING LOCATIONS.
- DISCONNECT AND REMOVE EXISTING DIFFUSER, GRILLE/REGISTER COMPLETE. FIELD VERIFY SIZES AND LOCATIONS.
- 14 REMOVE EXISTING TRANSFER AIR DUCT AND GRILLES COMPLETE.



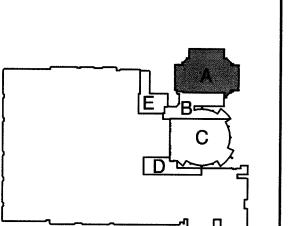
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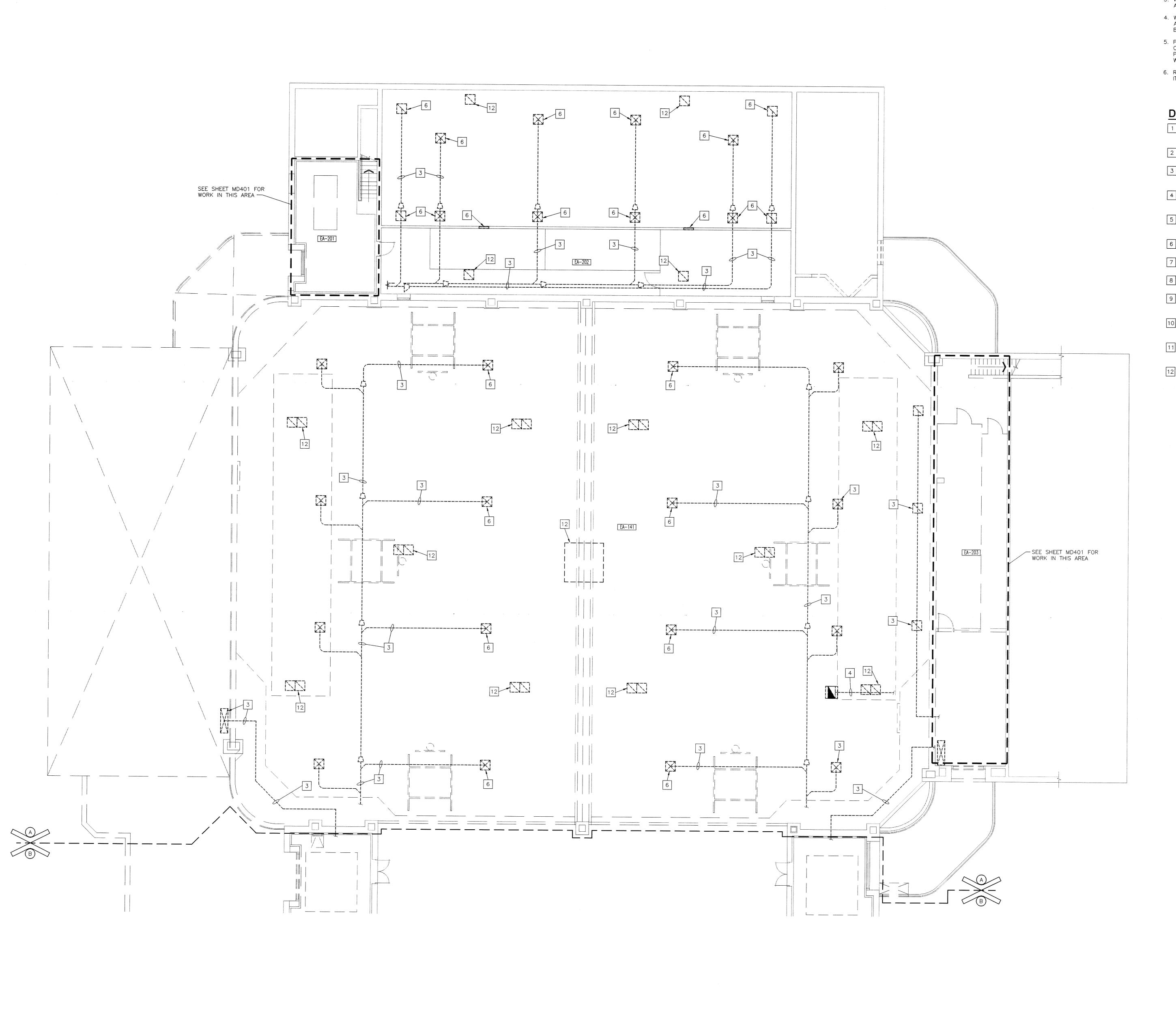
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DRAWING UNIT "A" MECHANICAL FIRST FLOOR
DEMOLITION PLAN

LAWRENCE CENTRAL HIGH SCHOOL



GENERAL NOTES:

- SEE SHEET MOO1 FOR MECHANICAL LEGEND AND GENERAL MECHANICAL NOTES.
- 2. IT IS THE GENERAL INTENT OF THIS DRAWING TO REQUIRE COMPLETE REMOVAL OF THE HVAC SYSTEM AS NOTED.
- WHERE EXISTING PIPING IS REMOVED. REMOVE ALL ASSOCIATED APPENDAGES SUCH AS HANGERS, SUPPORTS, ETC.
- 4. WHERE MECHANICAL EQUIPMENT IS REMOVED. REMOVE ALL ACCESSORIES AND APPENDAGES SUCH AS SUPPORTS, CONCRETE BASES, TEMPERATURE CONTROLS, ETC.
- 5. PATCH ANY WALL OR ROOF OPENINGS (TO MATCH EXISTING CONDITIONS) WHICH REMAIN FROM DEMOLITION OF EQUIPMENT OR PIPING. EXISTING OPENINGS MAY BE REUSED FOR NEW PIPING WHERE POSSIBLE.
- 6. REMOVE ALL DEMOLITION DEBRIS FROM THE PREMISES AS FAST AS IT ACCUMULATES (MINIMUM DAILY CLEAN-UP).

DEMOLITION PLAN NOTES:

- DISCONNECT AND REMOVE EXISTING SUPPLY AND RETURN PIPING AND ALL ASSOCIATED ACCESSORIES COMPLETE. FIELD VERIFY EXISTING PIPING SIZES AND LOCATIONS.
- 2 DISCONNECT AND REMOVE EXISTING THERMOSTAT, PNEUMATIC TUBING AND ACCESSORIES COMPLETE. FIELD VERIFY EXISTING LOCATION. 3 DISCONNECT AND REMOVE EXISTING DUCTWORK (SUPPLY AND RETURN), HANGERS, DAMPERS, ACCESSORIES, ETC. COMPLETE. FIELD
- VERIFY SIZES AND LOCATIONS. DISCONNECT AND REMOVE EXISTING EXHAUST FAN, GRILLE, EXHAUST DUCTWORK, HANGERS, ACCESSORIES, ETC. COMPLETE. FIELD VERIFY EXISTING SIZES AND LOCATIONS.
- 5 DISCONNECT AND REMOVE EXISTING CABINET HEATER, ASSOCIATED HEATING WATER PIPING, VALVES, FITTINGS, CONTROLS, ETC.
- 6 DISCONNECT AND REMOVE EXISTING DIFFUSER, GRILLE/REGISTER COMPLETE. FIELD VERIFY SIZES AND LOCATIONS.
- 7 DISCONNECT AND REMOVE EXISTING OUTDOOR AIR DUCT, HANGERS, DAMPERS, ETC. COMPLETE. FIELD VERIFY SIZE AND LOCATION. 8 EXISTING WALL LOUVER, FIELD VERIFY SIZE AND LOCATION. SEE "A" SERIES DRAWINGS.
- 9 DISCONNECT AND REMOVE EXISTING UNIT HEATER, ASSOCIATED HEATING WATER PIPING, VALVES, FITTINGS, CONTROLS, ETC.
- DISCONNECT AND REMOVE EXISTING CONVECTOR, ASSOCIATED HEATING WATER PIPING, VALVES, FITTINGS, CONTROLS, ETC.
- DISCONNECT AND REMOVE EXISTING AIR HANDLING UNIT, ASSOCIATED HEATING WATER PIPING, VALVES, FITTINGS, CONTROLS, ETC. COMPLETE. FIELD VERIFY SIZE AND LOCATION. EXISTING RELIEF AIR PENTHOUSE ON ROOF TO REMAIN. DISCONNECT EXISTING DUCTWORK, DAMPERS, HANGERS, ACCESSORIES, ETC. FROM PENTHOUSE COMPLETE. FIELD VERIFY EXISTING LOCATION.

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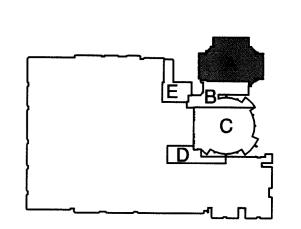
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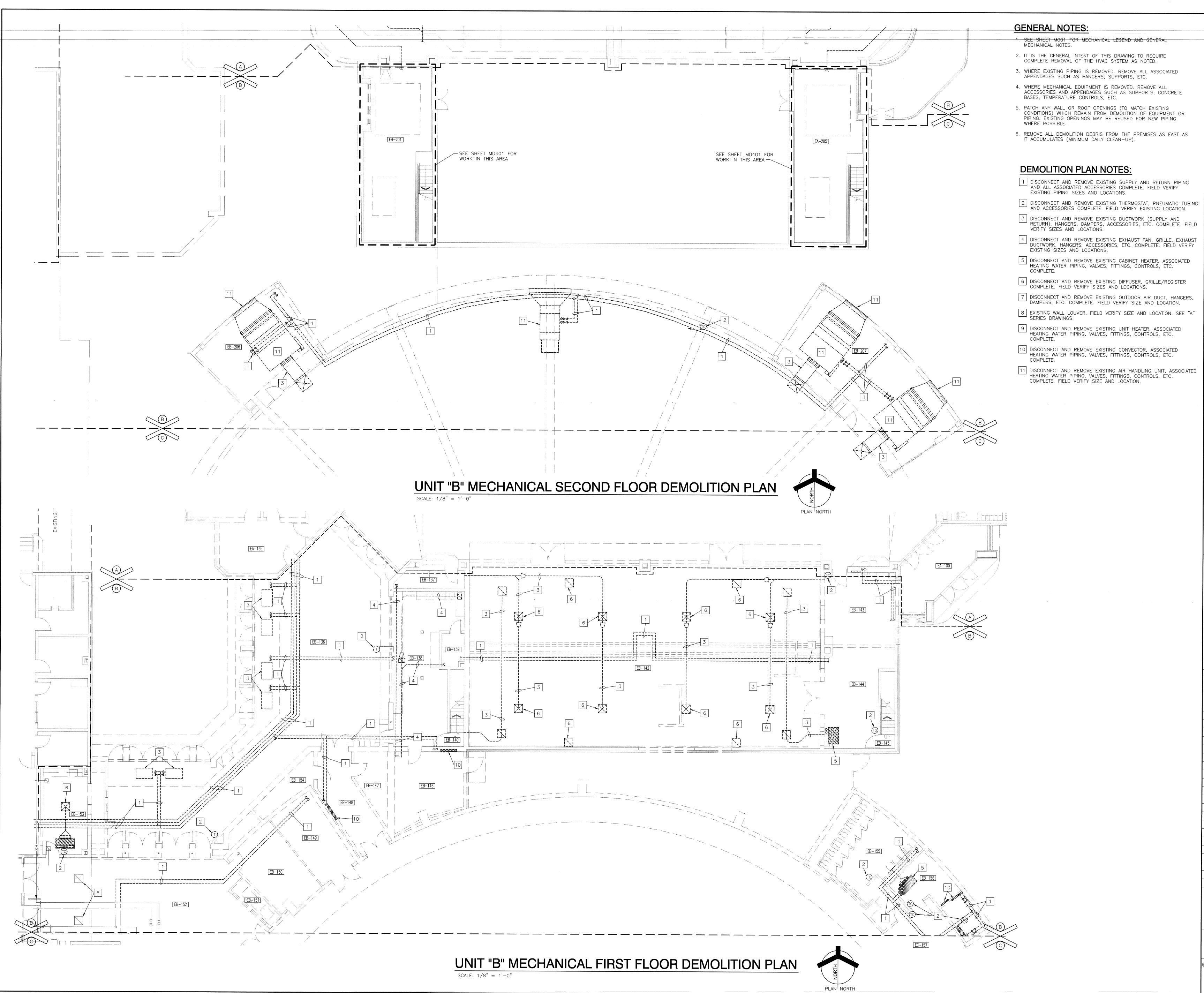
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LAWRENCE CENTRAL HIGH SCHOOL

MD102

UNIT "A" MECHANICAL SECOND FLOOR DEMOLITION PLAN

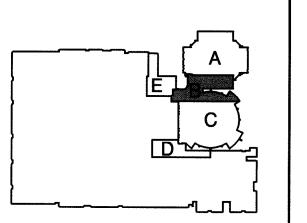




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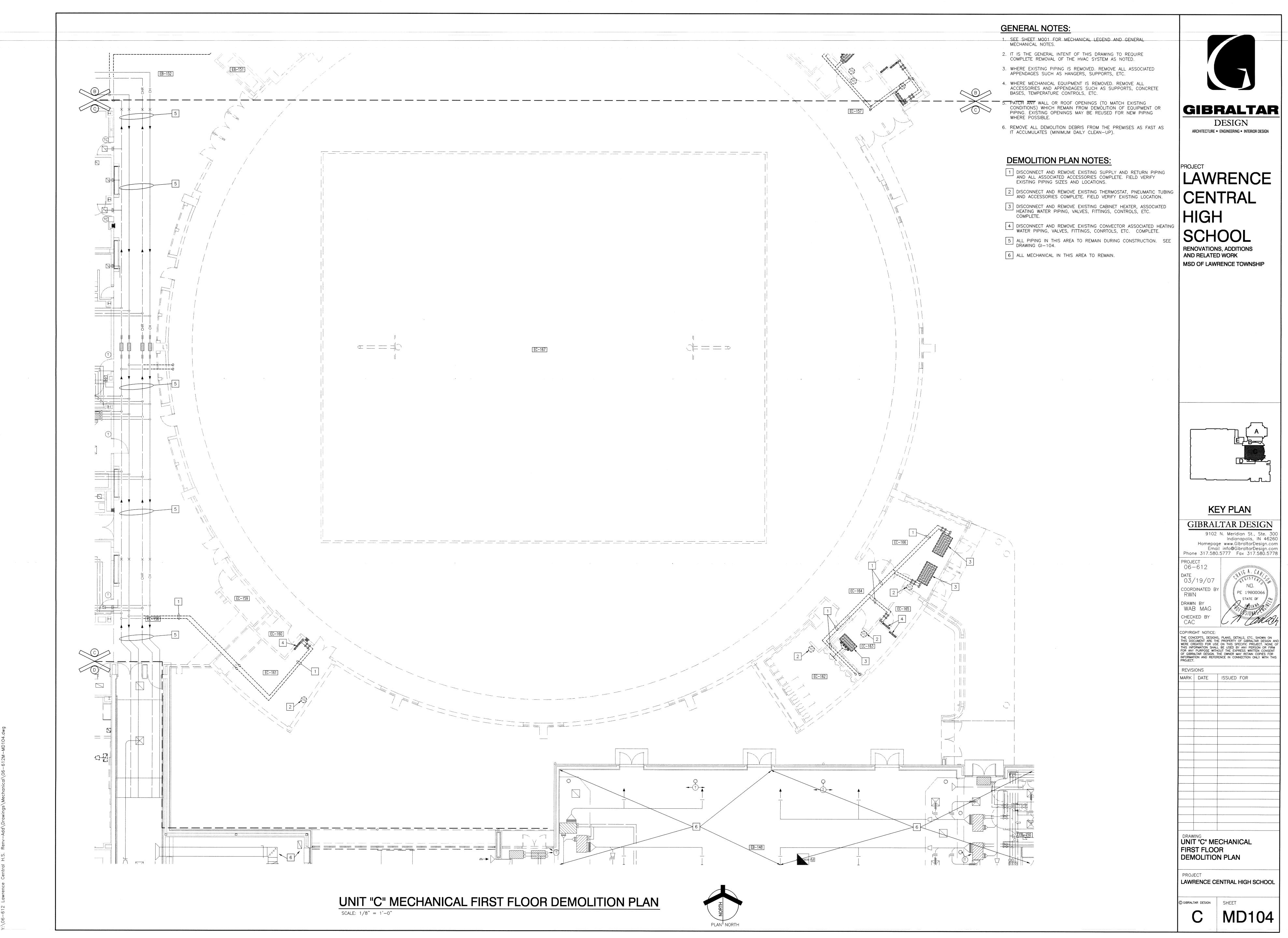
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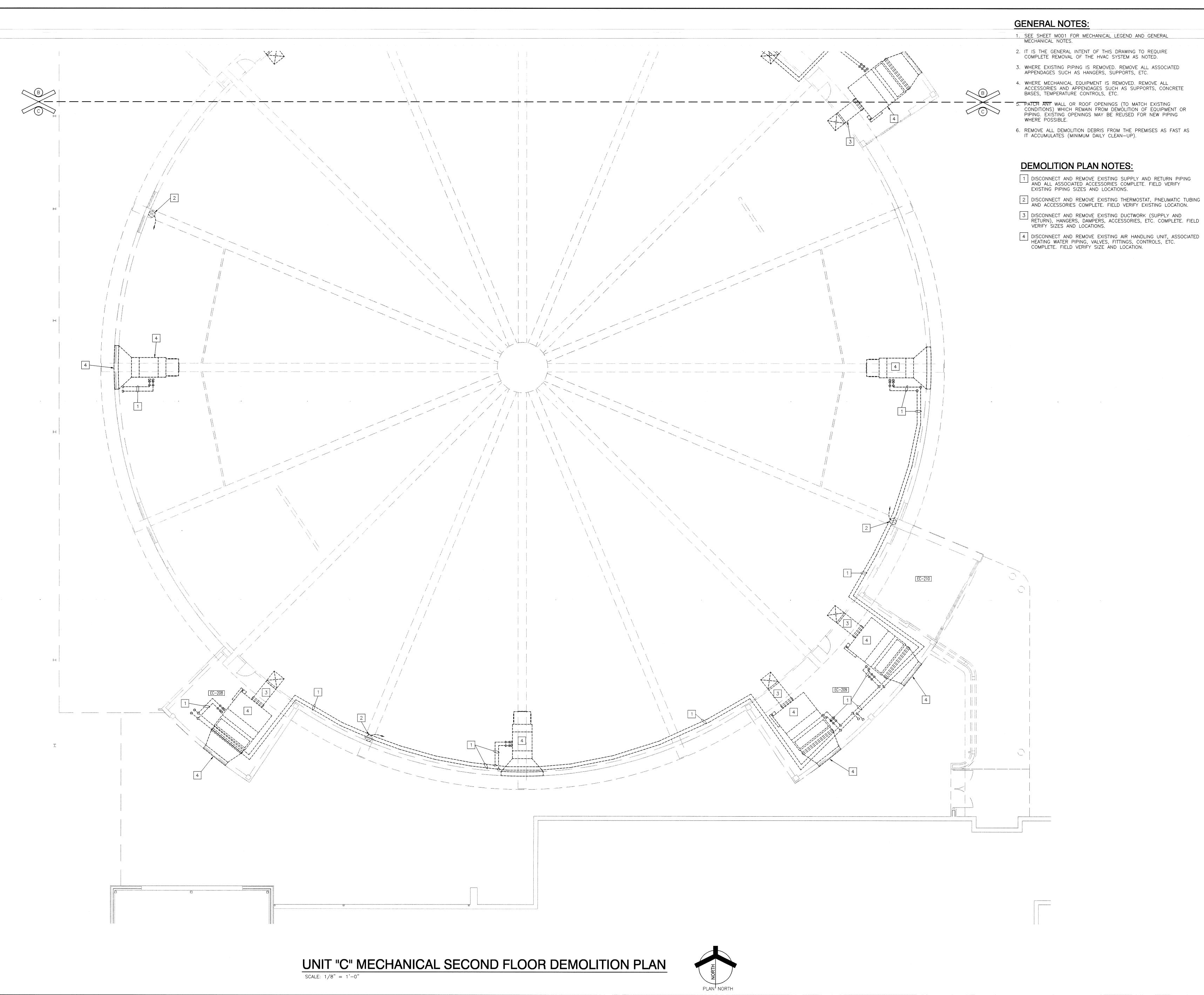
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DRAWING UNIT "B" MECHANICAL FIRST FLOOR AND SECOND FLOOR DEMOLITION PLANS

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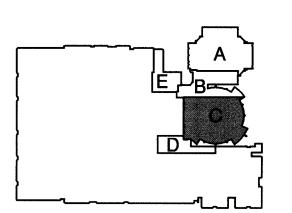


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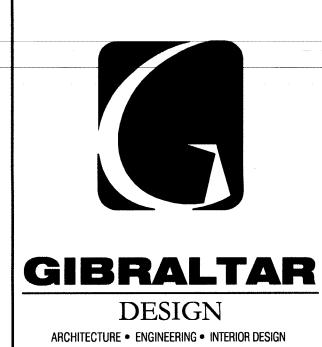
DRAWING
UNIT "C" MECHANICAL
SECOND FLOOR
DEMOLITION PLAN

LAWRENCE CENTRAL HIGH SCHOOL

- 1. SEE SHEET MOO1 FOR MECHANICAL LEGEND AND GENERAL
- 2. IT IS THE GENERAL INTENT OF THIS DRAWING TO REQUIRE COMPLETE REMOVAL OF THE HVAC SYSTEM AS NOTED.
- 3. WHERE EXISTING PIPING IS REMOVED. REMOVE ALL ASSOCIATED APPENDAGES SUCH AS HANGERS, SUPPORTS, ETC.
- 4. WHERE MECHANICAL EQUIPMENT IS REMOVED. REMOVE ALL ACCESSORIES AND APPENDAGES SUCH AS SUPPORTS, CONCRETE BASES, TEMPERATURE CONTROLS, ETC.
- 5. PATCH ANY WALL OR ROOF OPENINGS (TO MATCH EXISTING CONDITIONS) WHICH REMAIN FROM DEMOLITION OF EQUIPMENT OR PIPING. EXISTING OPENINGS MAY BE REUSED FOR NEW PIPING WHERE POSSIBLE.
- 6. REMOVE ALL DEMOLITION DEBRIS FROM THE PREMISES AS FAST AS IT ACCUMULATES (MINIMUM DAILY CLEAN-UP).

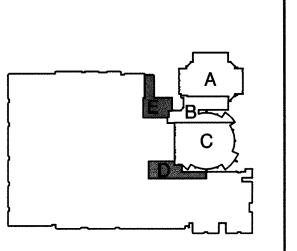
DEMOLITION PLAN NOTES:

- 1 DISCONNECT AND REMOVE EXISTING DUCTWORK (SUPPLY AND RETURN), HANGERS, DAMPERS, ACCESSORIES, ETC. COMPLETE. FIELD VERIFY SIZES AND LOCATIONS.
- DISCONNECT AND REMOVE EXISTING EXHAUST FAN, GRILLE, EXHAUST DUCTWORK, HANGERS, ACCESSORIES, ETC. COMPLETE. FIELD VERIFY EXISTING SIZES AND LOCATIONS.
- J DISCONNECT AND REMOVE EXISTING DIFFUSER, GRILLE/REGISTER. COMPLETE. FIELD VERIFY SIZES AND LOCATIONS.
- 4 EXISTING FAN POWERED BOX TO BE REMOVED AND RELOCATED.
- 5 EXISTING FAN POWERED BOX TO REMAIN.
- 6 EXISTING DUCTWORK TO REMAIN.
- 7 ALL MECHANICAL IN UNIT "E" TO REMAIN AS-IS.
- 8 DISCONNECT AND REMOVE EXISTING OUTDOOR AIR INTAKE LOUVER.



LAWRENCE **CENTRAL** HIGH RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP



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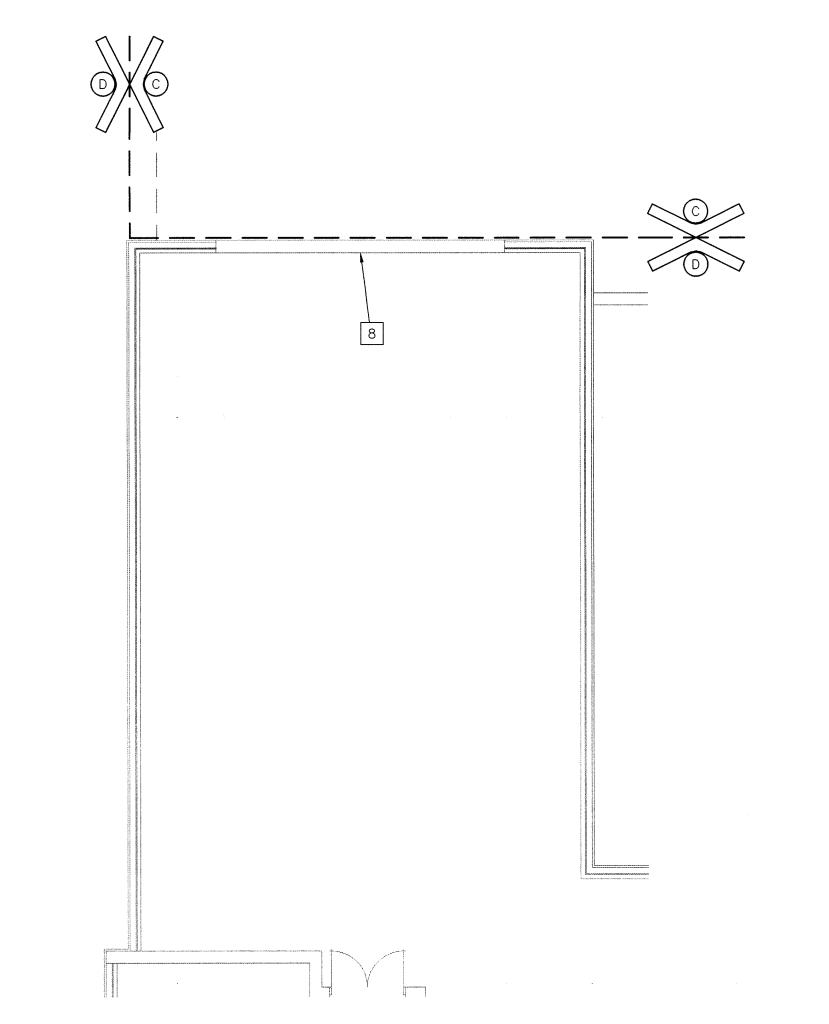
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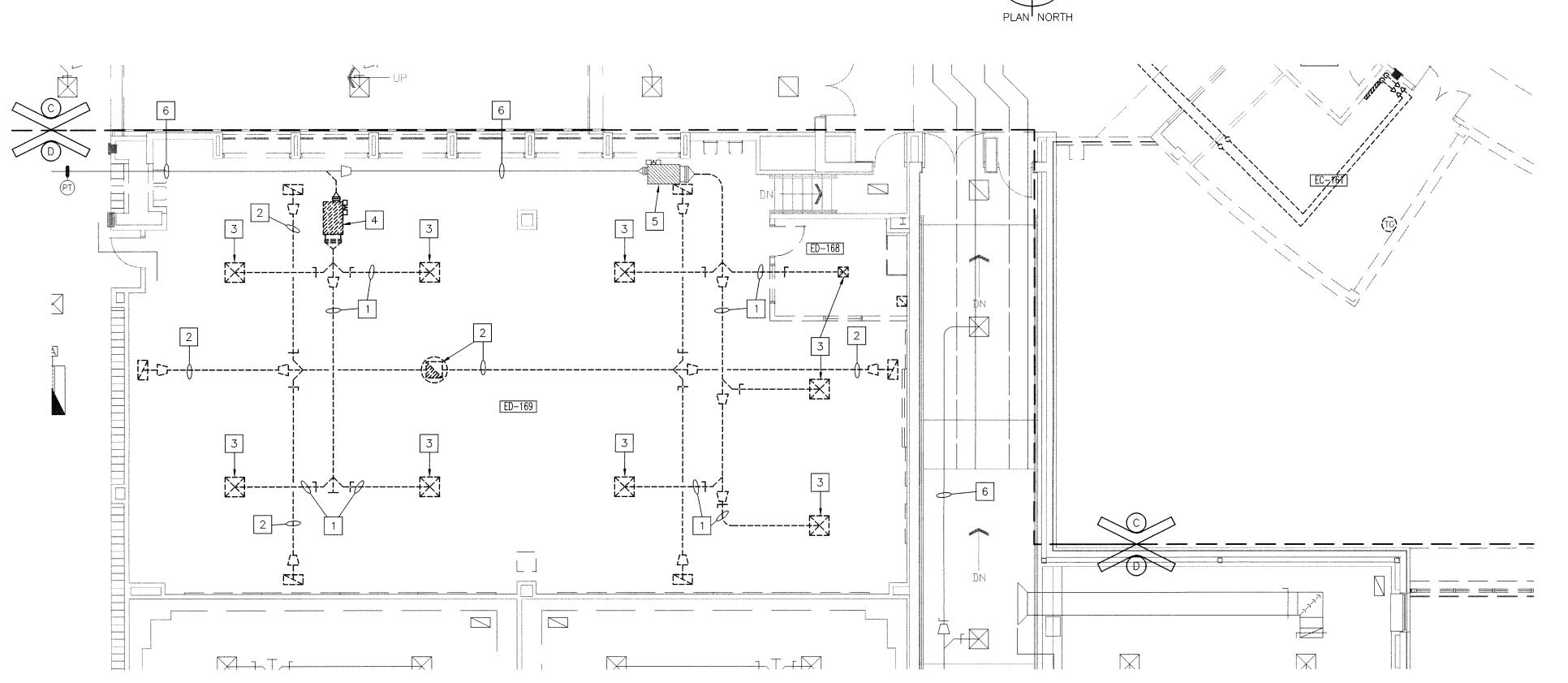
DRAWING UNIT "D, E" MECHANICAL FIRST FLOOR
DEMOLITION PLAN

LAWRENCE CENTRAL HIGH SCHOOL

GIBRALTAR DESIGN SHEET D, E MD106



UNIT "D" MECHANICAL SECOND FLOOR DEMOLITION PLAN

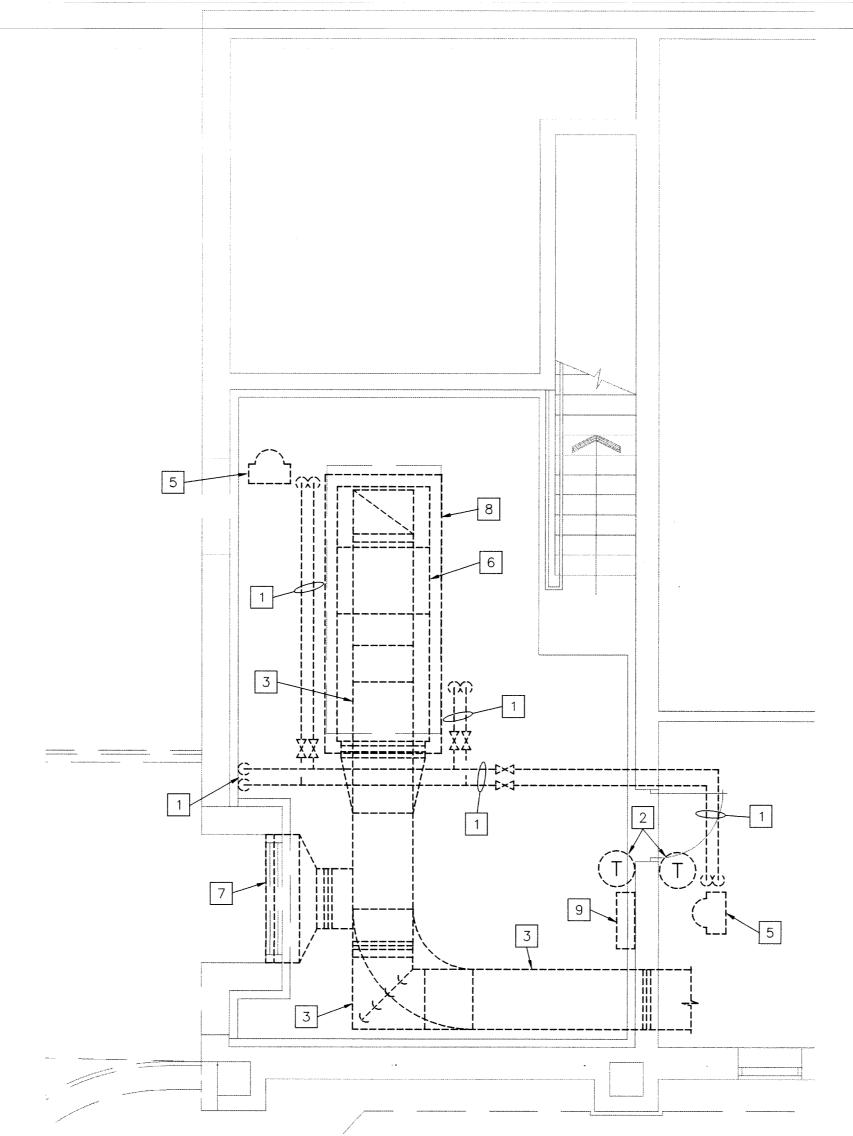


UNIT "D" MECHANICAL FIRST FLOOR DEMOLITION PLAN



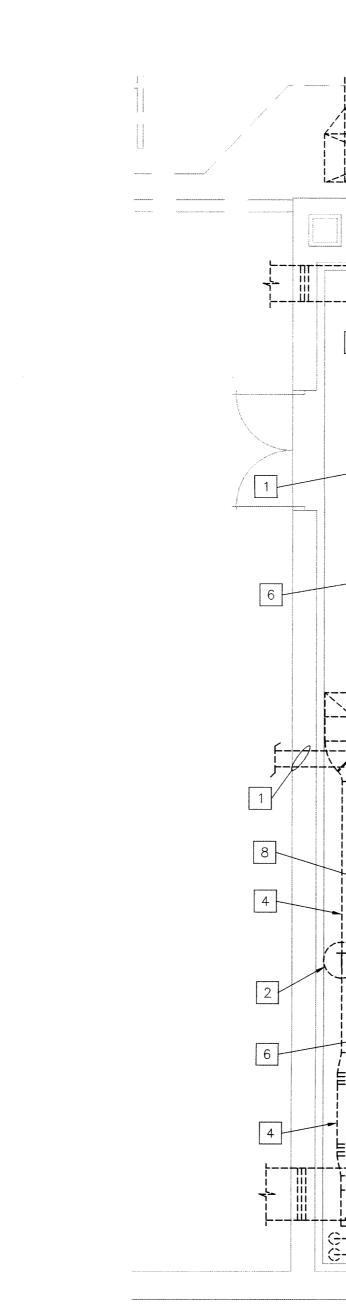
UNIT "E" MECHANICAL FIRST FLOOR DEMOLITION PLAN SCALE: 1/8" = 1'-0"

E



MECHANICAL ROOM EA-201 ENLARGED PLAN SCALE: 1/4" = 1'-0"





MECHANICAL ROOM EB-204 ENLARGED PLAN SCALE: 1/4" = 1'-0"









GENERAL NOTES:

- SEE SHEET MOO1 FOR MECHANICAL LEGEND AND GENERAL MECHANICAL NOTES.
- 2. IT IS THE GENERAL INTENT OF THIS DRAWING TO REQUIRE
- COMPLETE REMOVAL OF THE HVAC SYSTEM AS NOTED. WHERE EXISTING PIPING IS REMOVED. REMOVE ALL ASSOCIATED APPENDAGES SUCH AS HANGERS, SUPPORTS, ETC.
- WHERE MECHANICAL EQUIPMENT IS REMOVED. REMOVE ALL ACCESSORIES AND APPENDAGES SUCH AS SUPPORTS, CONCRETE BASES, TEMPERATURE CONTROLS, ETC.
- 5. PATCH ANY WALL OR ROOF OPENINGS (TO MATCH EXISTING CONDITIONS) WHICH REMAIN FROM DEMOLITION OF EQUIPMENT OR PIPING. EXISTING OPENINGS MAY BE REUSED FOR NEW PIPING WHERE POSSIBLE.
- 6. REMOVE ALL DEMOLITION DEBRIS FROM THE PREMISES AS FAST AS IT ACCUMULATES (MINIMUM DAILY CLEAN—UP).

DEMOLITION PLAN NOTES:

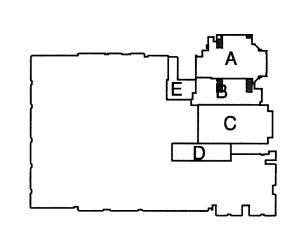
- DISCONNECT AND REMOVE EXISTING SUPPLY AND RETURN PIPING AND ALL ASSOCIATED ACCESSORIES COMPLETE. FIELD VERIFY EXISTING PIPING SIZES AND LOCATIONS.
- DISCONNECT AND REMOVE EXISTING THERMOSTAT, PNEUMATIC TUBING AND ACCESSORIES COMPLETE. FIELD VERIFY EXISTING LOCATION.
- J DISCONNECT AND REMOVE EXISTING DUCTWORK (SUPPLY AND RETURN), HANGERS, DAMPERS, ACCESSORIES, ETC. COMPLETE. FIELD VERIFY SIZES AND LOCATIONS.
- DISCONNECT AND REMOVE EXISTING EXHAUST FAN, GRILLE, EXHAUST DUCTWORK, HANGERS, ACCESSORIES, ETC. COMPLETE. FIELD VERIFY EXISTING SIZES AND LOCATIONS.
- 5 DISCONNECT AND REMOVE EXISTING UNIT HEATER, ASSOCIATED HEATING WATER PIPING, VALVES, FITTINGS, CONTROLS, ETC.
- REMOVE EXISTING AIR HANDLING UNIT COMPLETE WITH ALL PIPING, DUCTWORK, SUPPORTS, CONTROLS, ELECTRICAL, ETC.
- 7 REMOVE EXISTING OUTDOOR AIR INTAKE LOUVER, PLENUM, DUCTWORK, ETC.
- 8 EXISTING CONCRETE PAD TO BE REMOVED BY THE G.C. 9 EXISTING TEMPERATURE CONTROLS TO BE REMOVED COMPLETELY.
- 10 EXISTING OUTDOOR AIR INTAKE LOUVER TO REMAIN. DISCONNECT AND REMOVE PLENUM, DUCTWORK, ETC.



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MSD OF LAWRENCE TOWNSHIP



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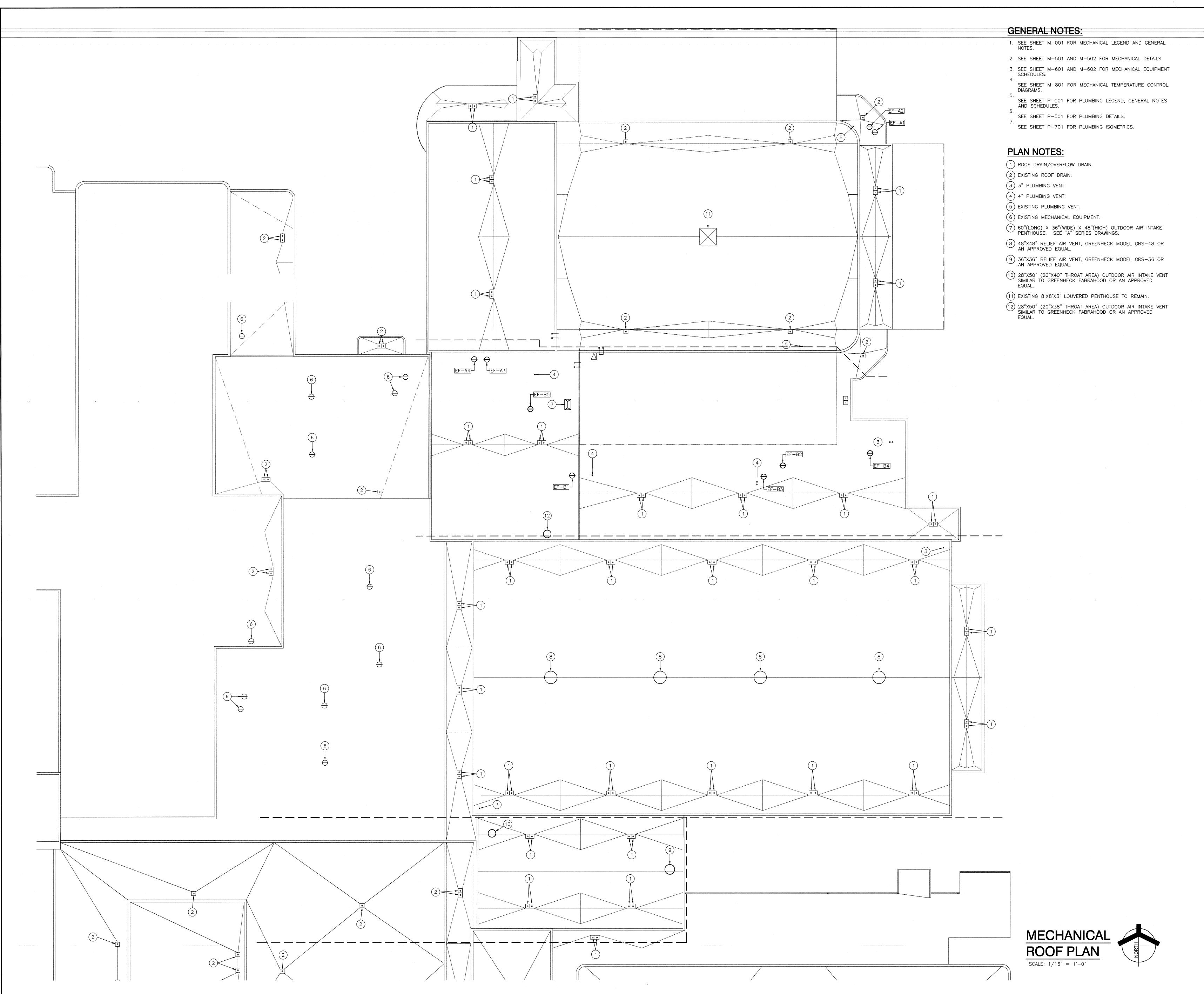
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MECHANICAL ROOMS 333, 397, 399 & 401 ENLARGED DEMOLITION PLANS

LAWRENCE CENTRAL HIGH SCHOOL

MD401





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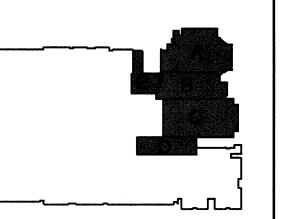
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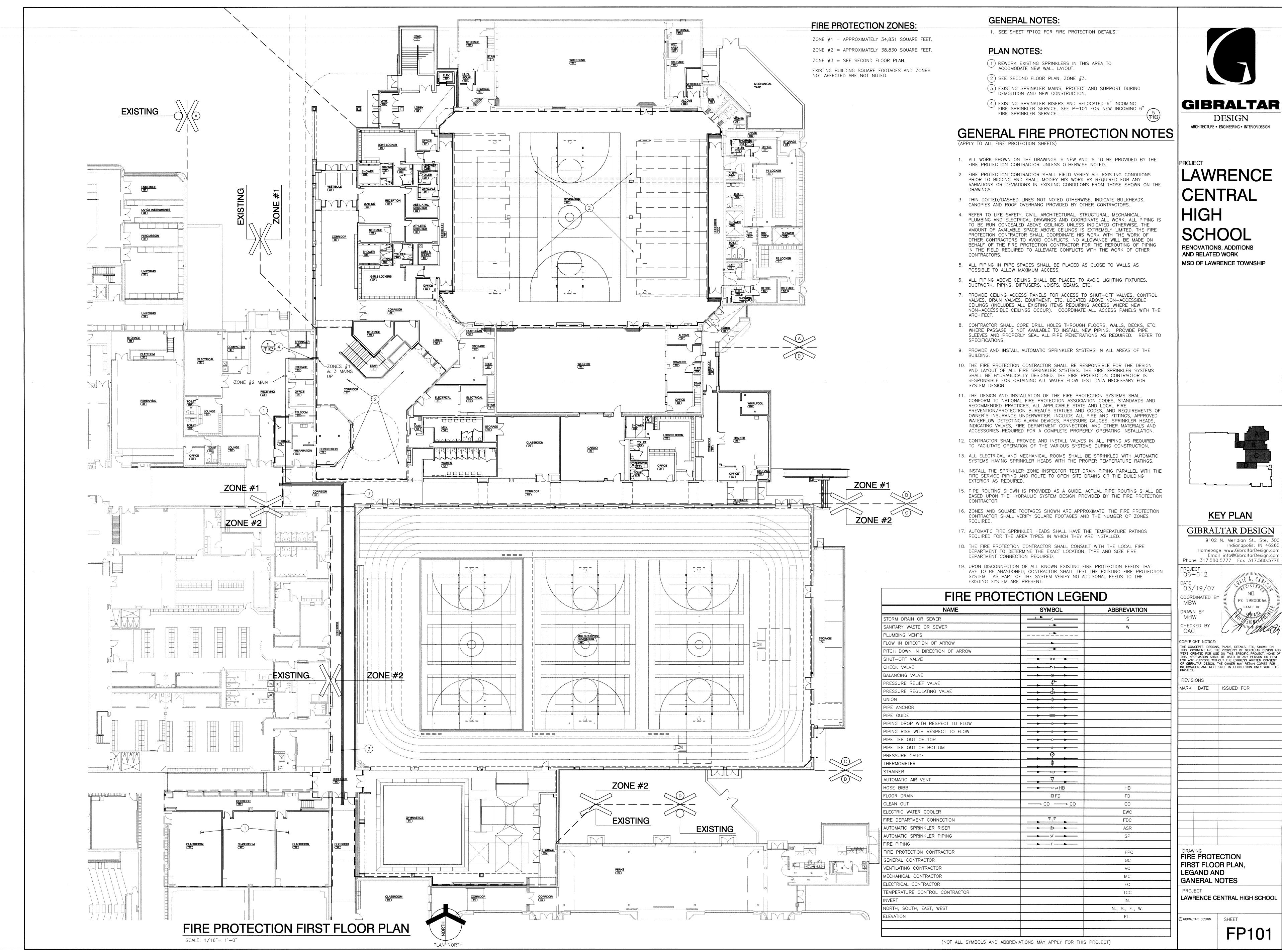
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MECHANICAL ROOF PLAN

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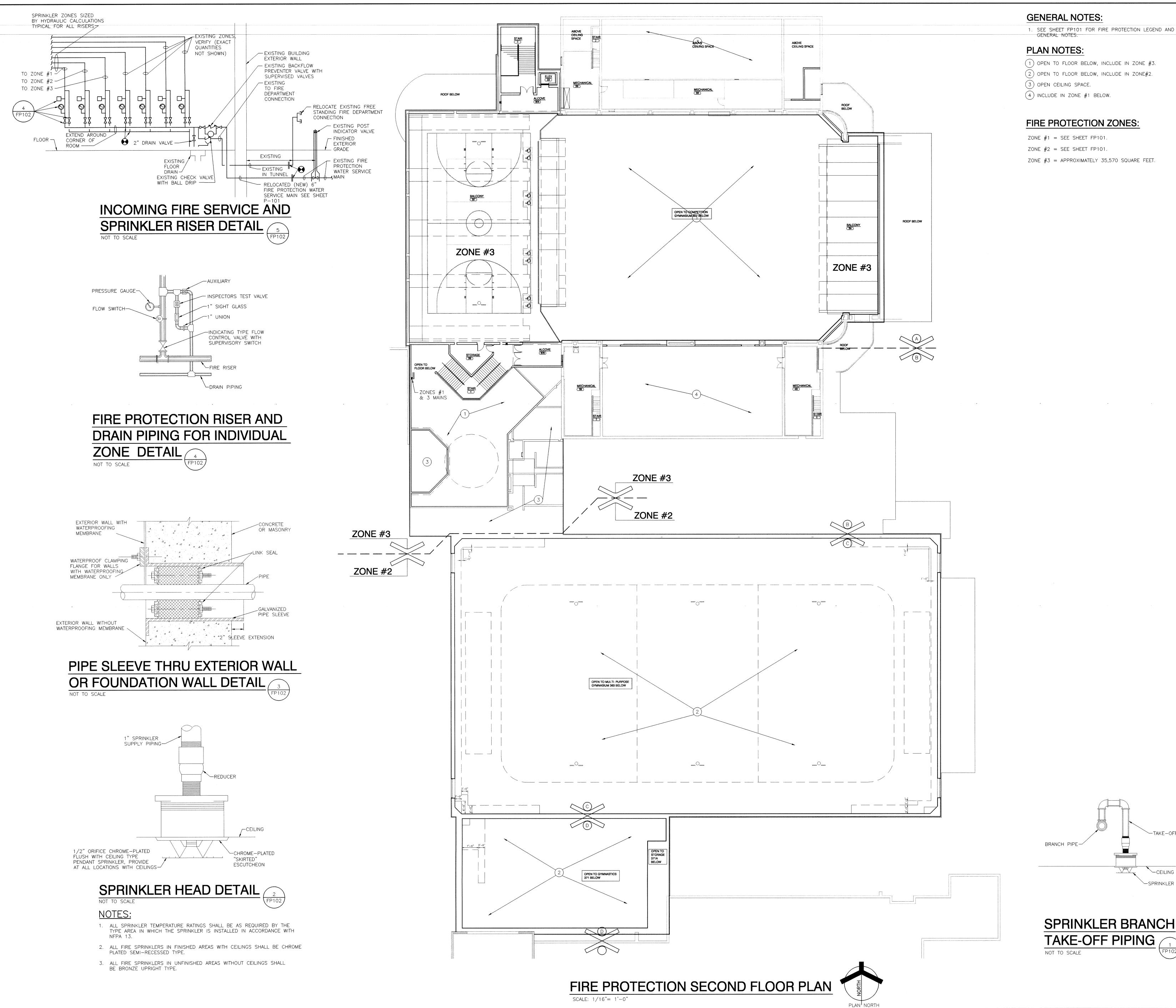
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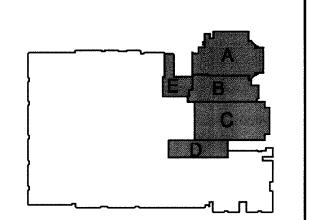
1. SEE SHEET FP101 FOR FIRE PROTECTION LEGEND AND GENERAL NOTES.

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FIRE PROTECTION

PROJECT LAWRENCE CENTRAL HIGH SCHOOL

SECOND FLOOR PLAN

AND DETAILS

GIBRALTAR DESIGN SHEET

NAME	ING LEGEND SYMBOL	ABBREVIATION
	STMBOL	
CONDENSATE DRAIN COLD WATER		D CW
SOFT COLD WATER	SCW———	SCW
120° HOT WATER		HM 2CM
	(450)	, , , , ,
150° HOT WATER	(150*)	150°HW
TEMPERED WATER		TW
HOT WATER RETURN		HWR
GAS PIPING		G
COMPRESSED AIR		CA
VACUUM	VA	
ACID RESISTANT VENT	ARV	ARV
ACID RESISTANT WASTE	———ARW———	ARW
FUEL OIL SUPPLY	FOS FOS	FOS
FUEL OIL RETURN	—— → FOR——	FOR
FUEL OIL TANK VENT	——F0V——	FOV
FUEL OIL GAUGE	F0G	FOG
STORM DRAIN OR SEWER	s	S
SANITARY WASTE OR SEWER		W
PLUMBING VENTS PITCH UP IN DIRECTION OF ARROW		
FLOW IN DIRECTION OF ARROW		
PITCH DOWN IN DIRECTION OF ARROW		
SHUT-OFF VALVE		
CHECK VALVE		
BALANCING VALVE		
PRESSURE RELIEF VALVE	₹ -	
PRESSURE REGULATING VALVE	P	
JNION	——————————————————————————————————————	
PIPE ANCHOR		
PIPE GUIDE		
PIPING DROP WITH RESPECT TO FLOW		
PIPING RISE WITH RESPECT TO FLOW		
PIPE TEE OUT OF TOP		
PIPE TEE OUT OF BOTTOM		
PRESSURE GAUGE	9	
THERMOMETER		
STRAINER		
AUTOMATIC AIR VENT	<u> </u>	
SILL COCK	<u></u> → → → <u>SC</u>	SC
HOSE BIBB	— ▶ —⇒∀ <u>HB</u>	НВ
NSIDE ROOF CONDUCTOR	∘ <u>RC</u>	RC
ROOF DRAIN	⊠RD	RD
OVERFLOW ROOF DRAIN	ØOFD	OFD
ROOF PLUMBING VENT	•	
FLOOR DRAIN	⊠FD	FD
SHOWER DRAIN	© <u>SD</u>	SD
OPEN SITE DRAIN	<u> </u>	OSD
CLEAN OUT		CO
	<u> </u>	VTR
PLUMBING VENT THRU ROOF	<u> </u>	VIK
SHOWER HEAD AND MIXING VALVE		W.C
WATER CLOSET		WC
URINAL		UR
LAVATORY		LAV
SERVICE SINK		SS
MOP SINK		MS
DRINKING FOUNTAIN		DF
ELECTRIC WATER COOLER		EWC
CABINET SINK		CS
FIRE DEPARTMENT CONNECTION	<u> </u>	FDC
AUTOMATIC SPRINKLER RISER		ASR
AUTOMATIC SPRINKLER PIPING		SP
FIRE PIPING	F	
NVERT	- - - - - - - - - - 	IN.
NORTH, SOUTH, EAST, WEST	1	N., S., E., W.

(NOT ALL SYMBOLS AND ABBREVIATIONS MAY APPLY FOR THIS PROJECT)

GENERAL PLUMBING NOTES (APPLY TO ALL PLUMBING SHEETS)

- 1. THIS CONTRACTOR IS RESPONSIBLE FOR ALL NEW WORK SHOWN ON THESE SHEETS UNLESS OTHERWISE NOTED.
- 2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID AND MODIFY WORK AS REQUIRED FOR ANY VARIATIONS OR DEVIATIONS FROM THOSE SHOWN ON THESE SHEETS.
- 3. ALL WALLS, LIGHTS, EQUIPMENT, DUCTWORK, PIPING, ETC. SHOWN WITH LITE THIN LINES ARE EXISTING TO REMAIN CONDITIONS AND SHOULD BE USED FOR
- REFERENCE ONLY, AND MAY INDICATE INACCURATE OR NONEXISTENT CONDITIONS. 4. ALL EQUIPMENT AND PIPING SHOWN WITH THICK DASHED LINES ARE EXISTING TO BE REMOVED OR RELOCATED.
- 5. ALL EQUIPMENT AND PIPING SHOWN WITH THICK SOLID LINES IS NEW WORK.
- 6. ALL BULKHEADS, CANOPIES AND ROOF OVERHANGS SHOWN WITH THIN DOTTED/DASHED LINES AND IS NOT OTHERWISE NOTED, INDICATE ITEMS PROVIDED
- 7. REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL SHEETS
- 8. ALL PIPING IN PIPE SPACES SHALL BE PLACED AS CLOSE TO WALLS AS POSSIBLE TO ALLOW MAXIMUM ACCESS.

BY OTHER CONTRACTORS.

AND COORDINATE ALL WORK.

- 9. ALL PIPING ABOVE CEILING SHALL BE PLACED TO AVOID LIGHTING FIXTURES,
- 10. PROVIDE CEILING ACCESS PANELS FOR ACCESS TO SHUT-OFF VALVES, CONTROL VALVES, DRAIN VALVES, EQUIPMENT, ETC. LOCATED ABOVE NON-ACCESSIBLE CEILINGS (INCLUDES ALL EXISTING ITEMS REQUIRING ACCESS WHERE NEW NON-ACCÈSSIBLE CEILINGS OCCUR). COORDINATE ALL ACCESS PANELS WITH THE
- 11. CORE DRILL HOLES THROUGH FLOORS, WALLS, DECKS, ETC. WHERE PASSAGE IS NOT AVAILABLE TO INSTALL NEW PIPING. PROVIDE PIPE SLEEVES AND PROPERLY SEAL ALL PIPE PENETRATIONS AS REQUIRED. REFER TO SPECIFICATIONS.
- 12. ALL DOMESTIC WATER PIPING HEADERS LOCATED IN PIPE CHASE SHALL BE SAME SIZE AS PIPING MAIN DROPS INDICATED ON THESE SHEETS.
- 13. ALL DOMESTIC, GAS, COMPRESSED AIR, ETC. BRANCH PIPING SHOWN WITHOUT SIZE INDICATED, SHALL BE A MINIMUM OF 3/4".
- 14. ALL HORIZONTAL SANITARY AND STORM PIPING INSIDE OF BUILDING SHALL SLOPE A MINIMUM OF 1/4" PER 1"-0" UNLESS OTHERWISE NOTED.
- 15. EXACT LOCATION OF ALL FLOOR DRAINS IN BOILER AND MECHANICAL ROOMS SHALL BE VERIFIED BY ARCHITECT. IN GENERAL; FLOOR DRAINS SHALL BE LOCATED WITHIN 6" OF CONCRETE PADS SUPPORTING EQUIPMENT AND SHALL BE CENTERED WHERE DRAINING IS REQUIRED, ADDITIONALLY FLOOR DRAIN STRAINERS SHALL BE DEPRESSED APPROXIMATELY 1" BELOW BOILER AND MECHANICAL ROOMS, ETC. FLOOR ELEVATION.
- 16. ALL WATER AND WASTE PIPING UNDER FLOOR SLAB SHALL CONTINUE FULL SIZE OF HORIZONTAL BRANCH. VERTICAL SUPPLY RISER TO FIXTURES SHALL BE REDUCED TO SIZE REQUIRED BY THE FIXTURE, FLUSH AT FLOOR OR WALL
- 17. WATER HAMMER ARRESTORS SHALL BE SIZED AND INSTALLED PER PLUMBING AND DRAINAGE INSTITUTE (STANDARD PDI-WH 20) REQUIREMENTS IN ACCESSIBLE LOCATIONS ON THE HOT AND COLD WATER PIPING AND WHERE FLUSH VALVES AND ANY OTHER QUICK CLOSING VALVES ARE USED.
- 18. PROVIDE AND INSTALL VALVES IN ALL PIPING AS REQUIRED TO FACILITATE OPERATION OF VARIOUS SYSTEMS DURING CONSTRUCTION.

PLUMBING FIXTURE SCHEDULE							
ITEM	FIXTURE	WASTE	VENT	CW	HW	FIXTURE MOUNTING HEIGHT	SEE NOTE
P-1	WATER CLOSET	4"	2"	1"	_	SEE SPECIFICATIONS	1,2,3,4
P-2	WATER CLOSET — ADA	4"	2"	1"	_	SEE SPECIFICATIONS	1,2,3,4
P-3	URINAL	2"	1 1/2"	3/4"	_	SEE SPECIFICATIONS	2,3,4
P-4	URINAL — ADA	2"	1 1/2"	3/4"	_	SEE SPECIFICATIONS	2,3,4
P-5	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	SEE SPECIFICATIONS	2,4,5
P-6	LAVATORY — ADA	1 1/2"	1 1/2"	1/2"	1/2"	SEE SPECIFICATIONS	2,4,5
P-7	ELECTRIC WATER COOLER	1 1/2"	1 1/2"	1/2"		SEE SPECIFICATIONS	2,4
P-8	ELECTRIC WATER COOLER - ADA	1 1/2"	1 1/2"	1/2"	***	SEE SPECIFICATIONS	2,4
P-9	MOP SINK	3"	1 1/2"	1/2"	1/2"	FLOOR MOUNTED	2,4
P-10	SHOWER		alakhan	1/2"	1/2"	SEE SPECIFICATIONS	7
P-11	SHOWER — ADA			1/2"	1/2"	SEE SPECIFICATIONS	7
P-12	WALL FAUCET			1/2"	1/2"	WALL MOUNT	7
P-13	CABINET SINK	1 1/2"	1 1/2"	1/2"	1/2"	CABINET MOUNTED	2,4,6
P-14	WATER CLOSET FLUSH VALVE	_			_	EXISTING FIXTURE	8
P-15	URINAL FLUSH VALVE	_	_	_	_	EXISTING FIXTURE	8
P-16	LAVATORY FAUCET	_	_	_	_	EXISTING FIXTURE	8
P-17	DF & CUSPIDOR	1 1/2"	1 1/2"	1/2"	_	SEE SPECIFICATIONS	2,4

- 1. THE MECHANICAL CONTRACTOR SHALL CONSULT WITH THE ARCHITECT'S FIELD REPRESENTATIVE BEFORE ROUGHING-IN ANY WATER CLOSETS.
- 2. ALL SIZES SHOWN ARE INDIVIDUAL BRANCH SIZES TO FLUSH VALVES, FAUCETS, BUBBLERS, ETC.
- 3. ALL WATER CLOSETS AND URINALS SHALL BE FLUSH VALVE OPERATED.
- 4. ALL FIXTURES, INCLUDING WATER COOLERS, SHALL BE PROVIDED WITH A CHROME-PLATED, KEY OPERATED VALVE EXPOSED AT THE FIXTURE. 5. PROVIDE 3/4" CHROME-PLATED HOSE BIBB UNDER EACH BATTERY OF LAVATORIES.
- 6. CABINET SINKS WILL BE FURNISHED COMPLETE WITH TRIM UNDER A DIFFERENT CONTRACT AND TURNED OVER TO THE MECHANICAL CONTRACTOR AT THE JOB SITE. THE MECHANICAL CONTRACTOR SHALL SET SINK, INSTALL TRIM AND PROVIDE ALL LABOR AND MATERIAL NECESSARY TO ROUGH-IN AND HOOK-UP SINK COMPLETE.
- 7. REMOVE EXISTING FLUSH VALVE, FAUCET, TRIM, ETC. AND CLEAN FIXTURE, INSTALL NEW ITEMS COMPLETE.
- 8. REMOVE EXISTING AS LISTED IN SPECIFICATIONS AND REPLACE WITH NEW.

TYPE _	JAY R. SMITH		GENERAL LOCATION	SEE NOTE
1116	FLOOR DRAIN	TRAP	GENETIAL LOCATION	SEL NOTE
FD-A	2041(-ANB-SC)	INTEGRAL	FINISHED AREAS WHERE FLOORS ARE ON GRADE	2
FD-B	2005(-ANB)	7219 WITH BRONZE PLUG	ALL SHOWER DRAINS AND FLOOR DRAINS IN FINISHED FLOOR WHERE FLOORS ARE NOT ON GRADE	2
FD-C	2632(-ABB-B)	7219 WITH BRONZE PLUG	MECHANICAL EQUIPMENT ROOMS WHERE FLOORS ARE NOT ON GRADE	3
FD-D	2041(-F37-ANB)	INTEGRAL	WHERE SHOWN	2
		Mid-Mark Mark Mark Mark Mark Mark Mark Mark		

- . ALL FLOOR AND SHOWER DRAINS SHALL BE FULL SIZE OF THE CONNECTING WASTE LINE SHOWN ON THE DRAWINGS. UNLESS OTHERWISE
- 2. ALL FLOOR DRAINS SHALL HAVE NICKEL BRONZE RIMS AND STRAINERS. THE STRAINERS SHALL HAVE A 5" MINIMUM DIAMETER OR TWICE THAT OF THE CONNECTING WASTE LINE, UNLESS OTHERWISE NOTED.
- 3. FLOOR DRAIN SHALL HAVE A SHALLOW PERFORATED SEDIMENT BUCKET AND 3/4 GRATE.

TYPE	I.P.S.	FIXTURE UNIT RATING	J.R.SMITH NO.	SEE NOTE
A	3/4"	1-11	5005	1
B	1"	12-32	5010	1
C	1"	33-60	5020	1
D	1"	61-113	5030	1
E	1"	114154	5040	1
F	1"	155-330	5050	1

WATER HAMMER ARRESTERS SHALL BE SIZED AND INSTALLED PER PLUMBING AND DRAINAGE INSTITUTE (STANDARD PDI-WH 201) REQUIREMENTS IN ACCESSIBLE LOCATIONS ON THE COLD WATER AND HOT WATER PIPING AND WHERE FLUSH VALVES AND ANY OTHER QUICK CLOSING VALVES ARE USED.



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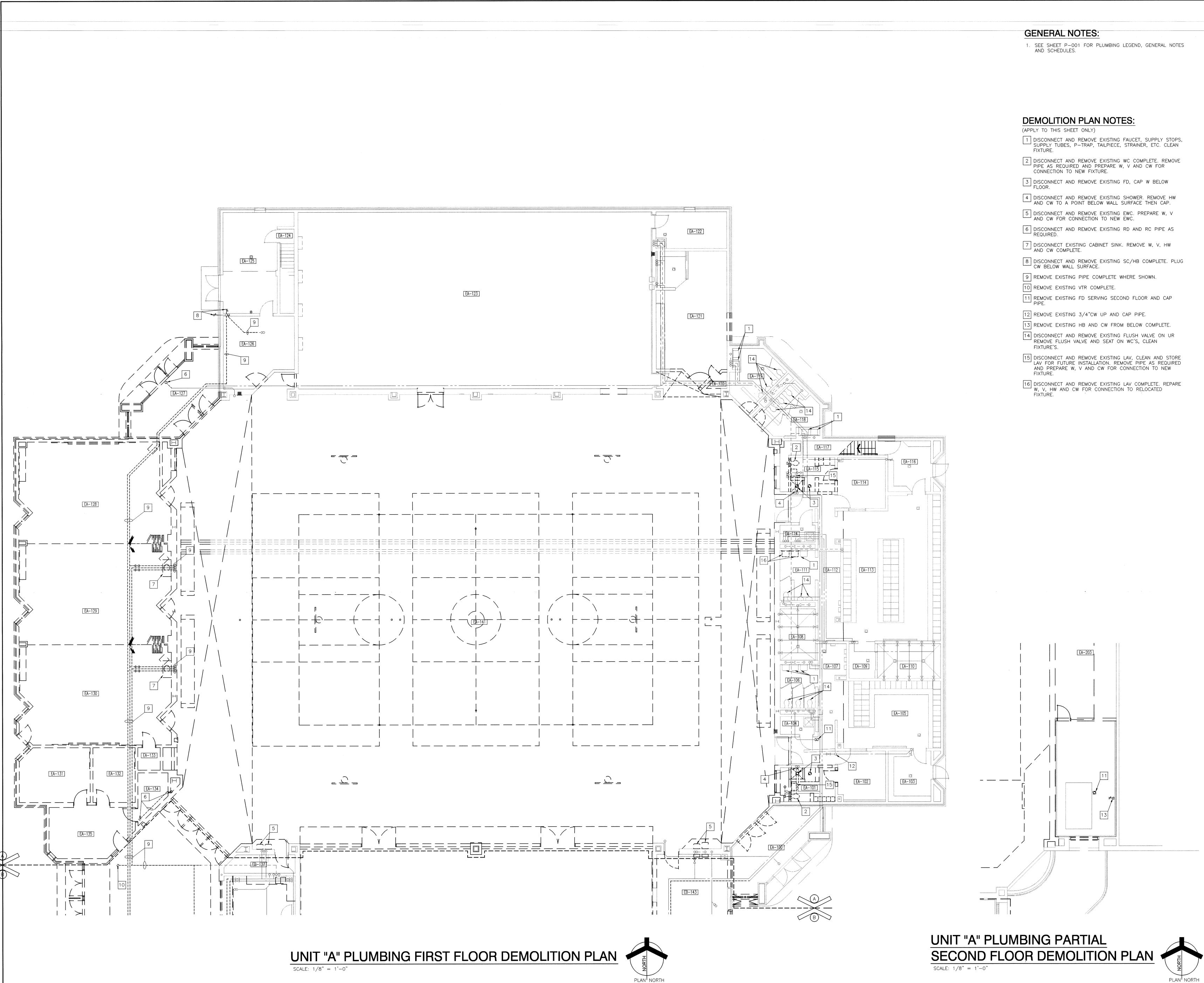
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PLUMBING LEGEND, GENERAL PLUMBING NOTES AND PLUMBING SCHEDULES

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GIBRALTAR DESIGN SHEET



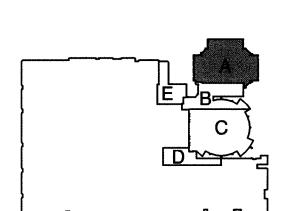
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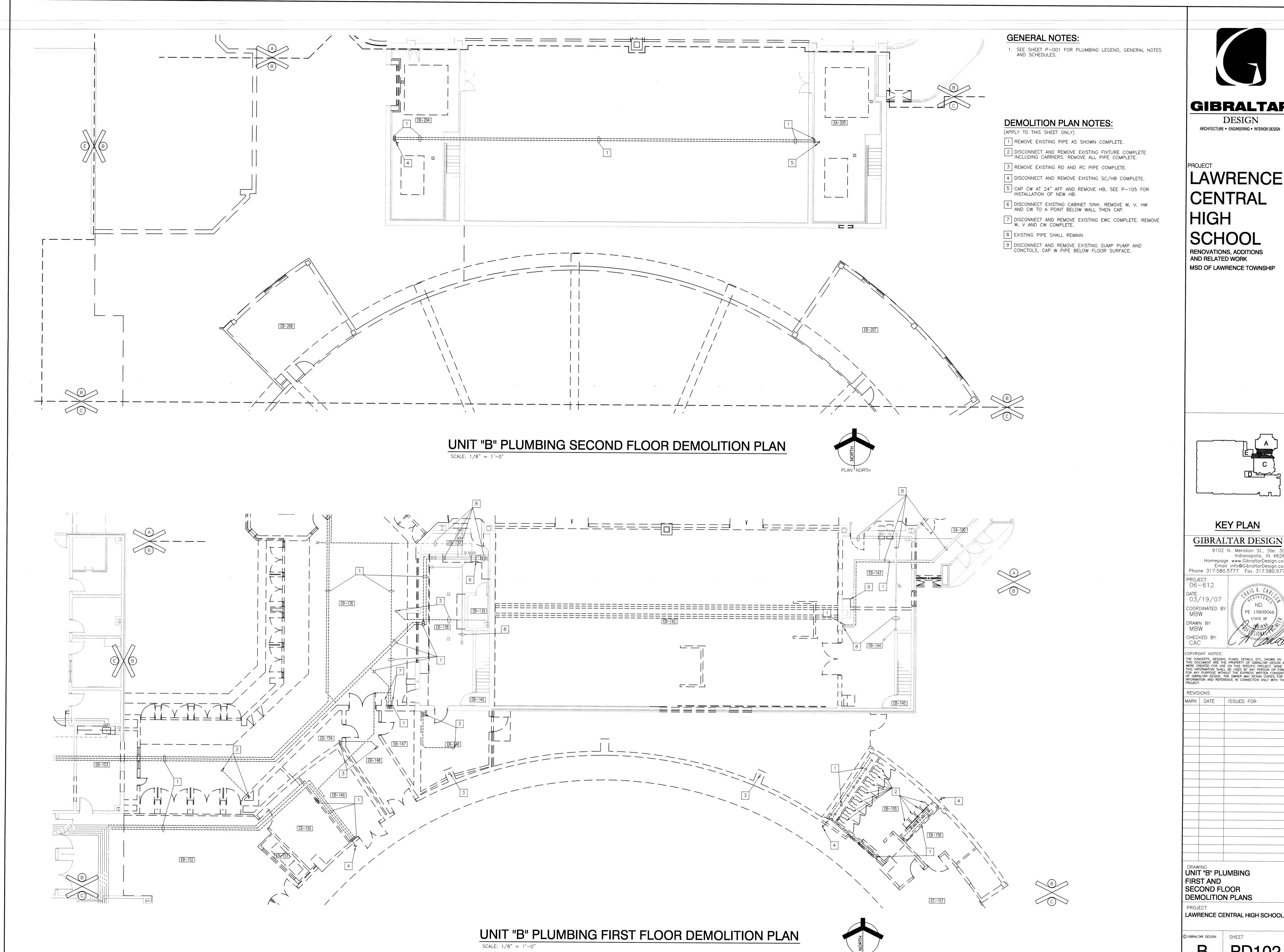
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DRAWING UNIT "A" PLUMBING FIRST AND
PARTIAL SECOND FLOOR
DEMOLITION PLANS

LAWRENCE CENTRAL HIGH SCHOOL

PD101 A



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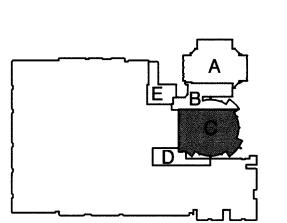
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EVISIONS

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DRAWING JNIT "C"

DRAWING
UNIT "C"
PLUMBING
FIRST FLOOR
DEMOLITION PLAN

LAWRENCE CENTRAL HIGH SCHOOL

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PD10

lue, 3/20/2007 — 6:33 am Y:\06—612 Lawrence Central H.S. Renv—Add\Drawing

SEE SHEET P-001 FOR PLUMBING LEGEND, GENERAL NOTES AND SCHEDULES.

DEMOLITION PLAN NOTES:

(APPLY TO THIS SHEET ONLY)

- DISCONNECT EXISTING CABINET SINK, PREPARE W, V, HW AND CW PIPE FOR CONNECTION TO NEW SINK, REMOVE 1 1/2"W TO CONNECTION TO 2".
- 2 REMOVE EXISTING PIPE AS SHOWN.
- 3 DISCONNECT AND REMOVE EXISTING EWC/DF COMPLETE, REMOVE W, V AND CW PIPE TO A POINT BELOW FLOOR, WALL AND CEILING SURFACES OUT OF WAY OF NEW CONSTRUCTION. PLUG, CAP AND ABANDON IN PLACE.
- DISCONNECT AND REMOVE EXISTING EWC/DF COMPLETE, PREPARE W, V AND CW PIPE FOR CONNECTION TO NEW

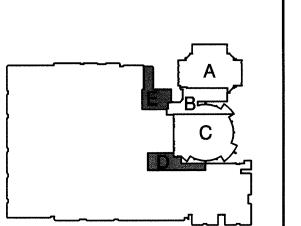
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PROJECT LAWRENCE CENTRAL HIGH RENOVATIONS, ADDITIONS

AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP



KEY PLAN

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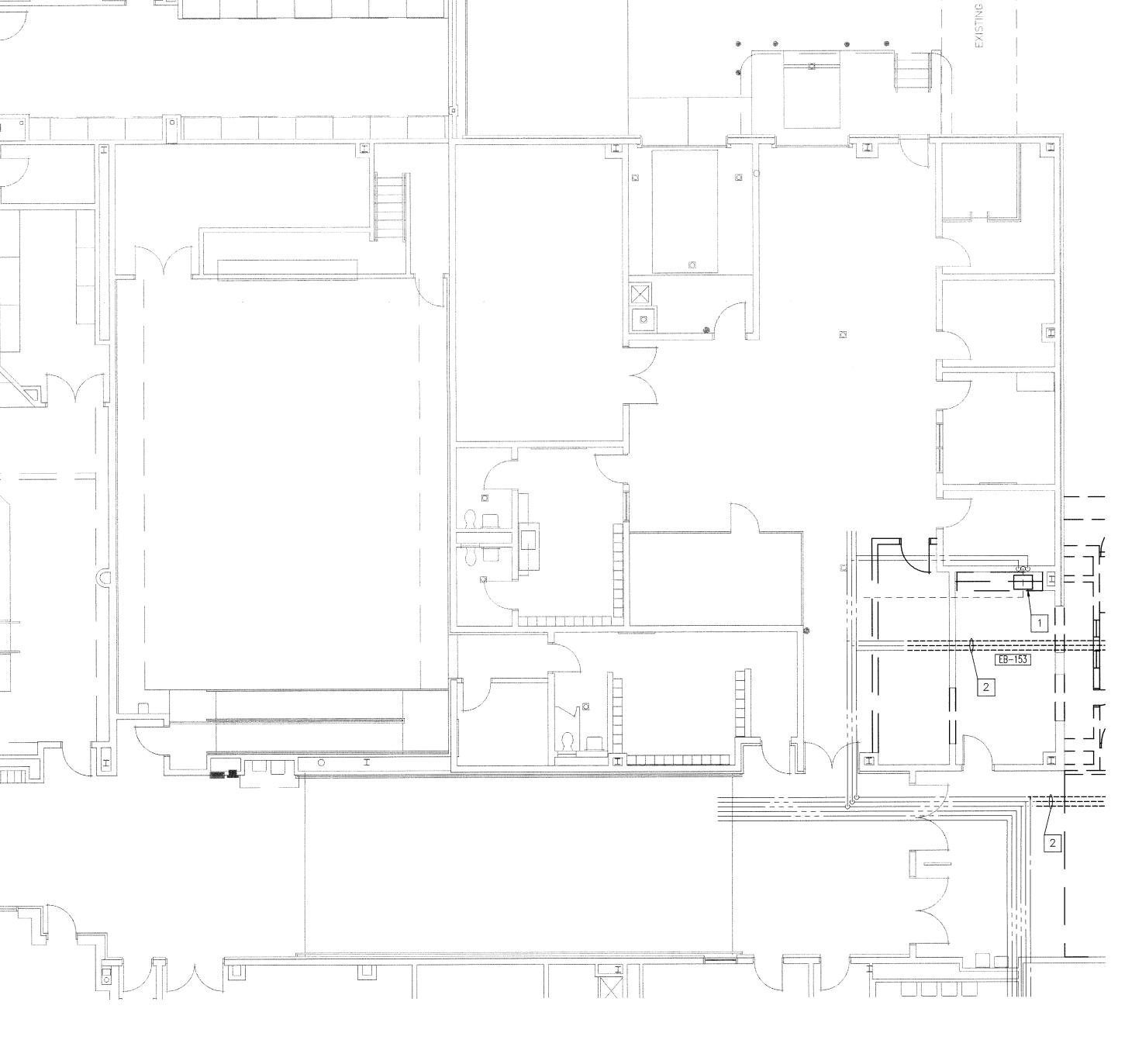
9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 PROJECT 06-612 coordinated e MBW DRAWN BY MBW

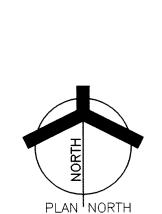
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DRAWING UNITS "D" AND "E" PLUMBING FIRST FLOOR DEMOLITION PLANS

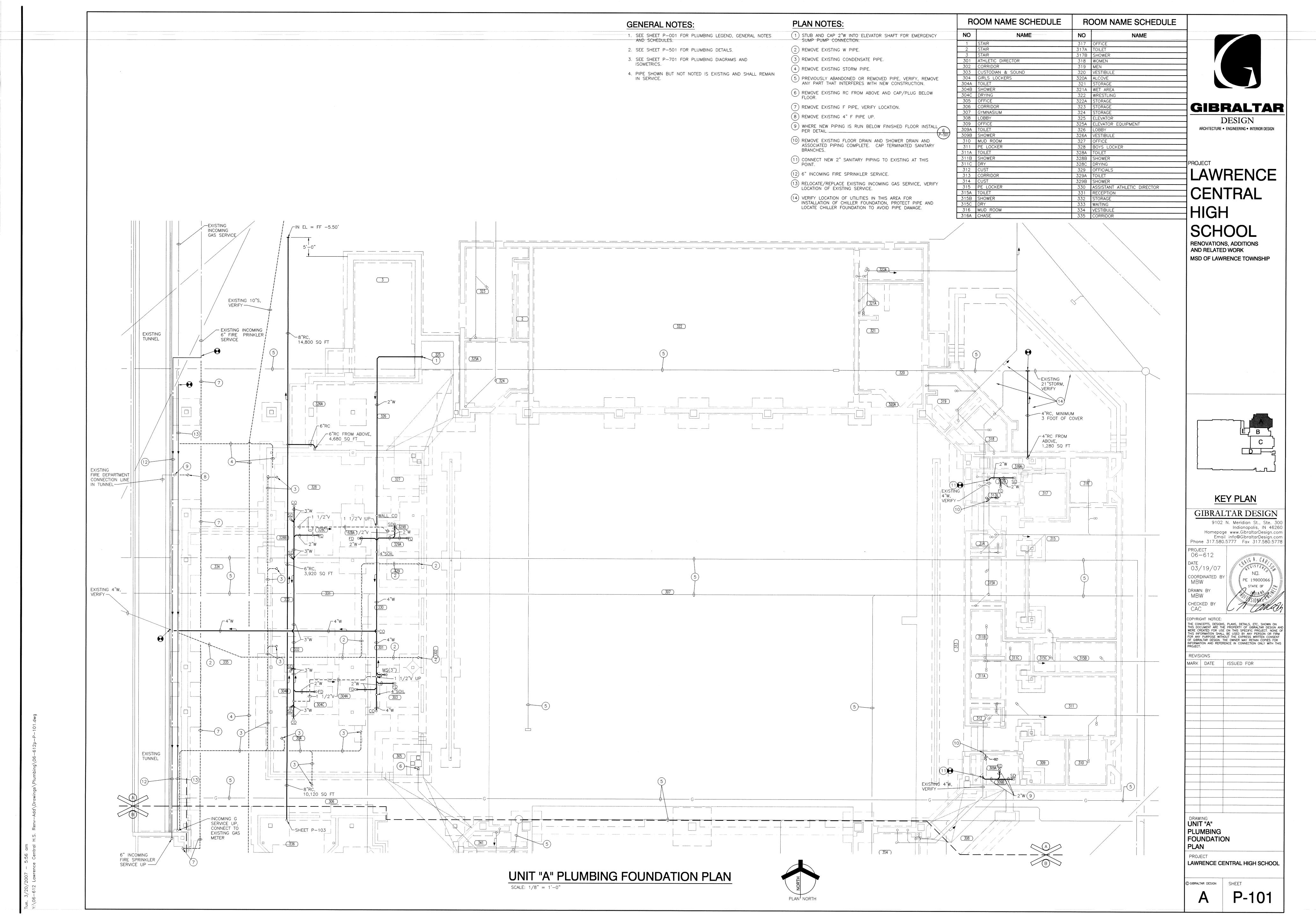
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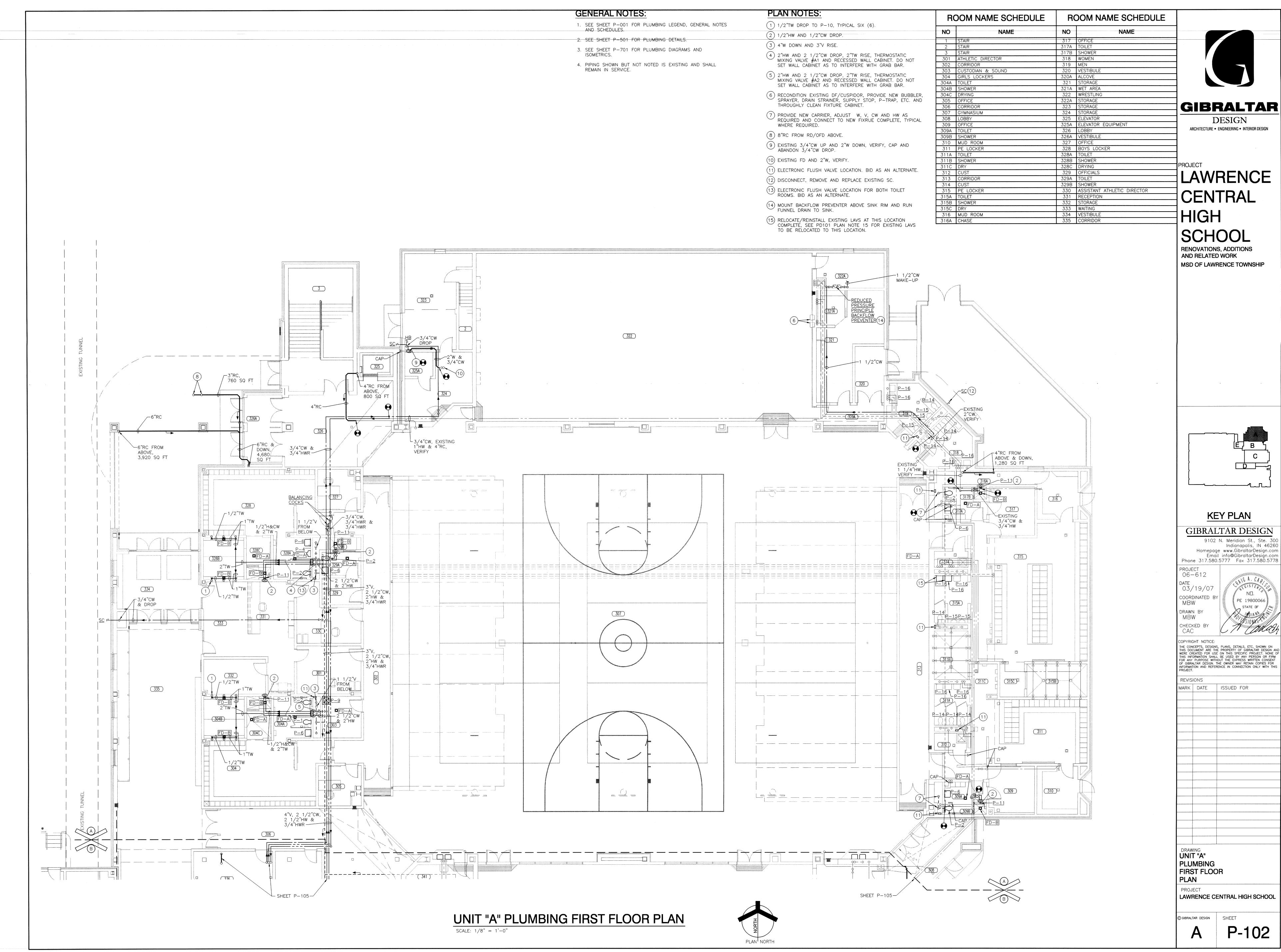


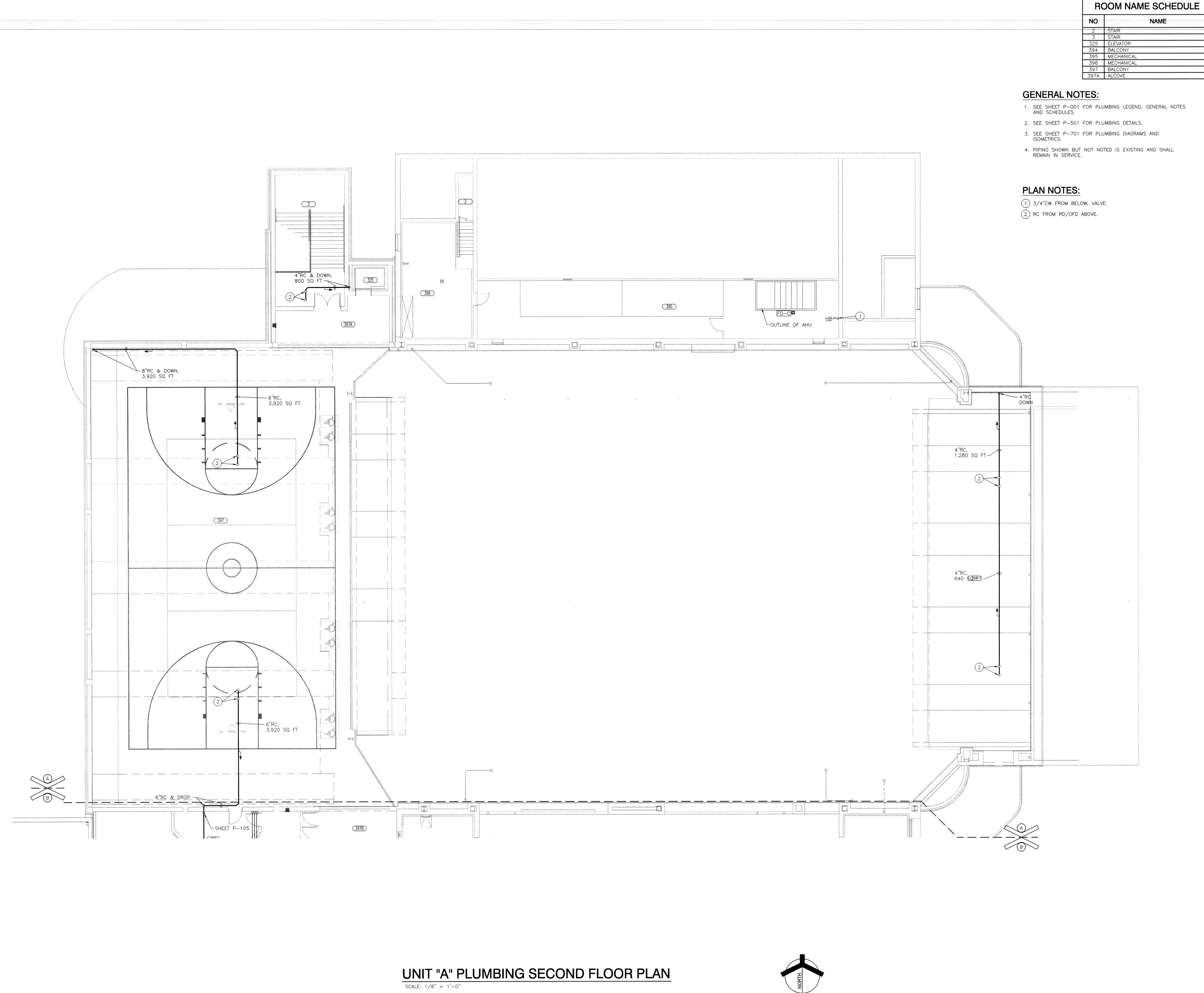


UNIT "D" PLUMBING FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



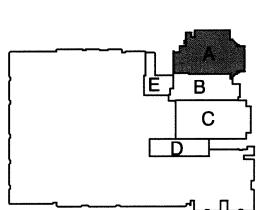




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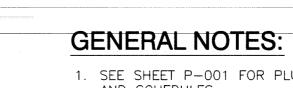
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DRAWING
UNIT "A"
PLUMBING
SECOND FLOOR
PLAN

PROJECT

LAWRENCE CENTRAL HIGH SCHOOL



- SEE SHEET P-001 FOR PLUMBING LEGEND, GENERAL NOTES AND SCHEDULES.
- 2. SEE SHEET P-501 FOR PLUMBING DETAILS.
- SEE SHEET P-701 FOR PLUMBING DIAGRAMS AND ISOMETRICS.
- PIPING SHOWN BUT NOT NOTED ARE EXISTING AND SHOULD REMAIN IN SERVICE.

PLAN NOTES:

354

- (1) REMOVE EXISTING PIPE, RISER, CB, ETC. WHERE SHOWN.
- 2 PREVIOUSLY ABANDONED OR REMOVED PIPE, VERIFY, REMOVE ANY PORTION THAT INTERFERES WITH NEW CONSTRUCTION.

NO	NAME
4	STAIR
5	STAIR
6	STAIR
336	STORAGE
337	CORRIDOR
338	CONCESSION
338A	PREPERATION
339	CORRIDOR
340	LOBBY
341	CUSTODIAN
342	STORAGE
343	STORAGE
344	ELECTRICAL
344A	ELECTRICAL
345	CUST
346	MEN
347	WOMEN
348	CORRIDOR
349	CLASSROOM
349A	STORAGE
350	CARDIO
351	OFFICE
351A	TOILET
351B	SHOWER
352	LOCKER ROOM
352A	TOILET
352B	SHOWER
353	WEIGHTS
354	ALCOVE
355	COACHES
355A	ELECTRICAL
356	OFFICE
357	CORRIDOR
358	CORRIDOR
359	TRAINER
359A	WHIRLPOOL
359B	STORAGE
360	OFFICE
361	VESTIBULE
376	STORAGE

EXISTING 6"SAN,

∕-6"W

∕-6"W

-IN EL = FF-6.50'

SHEET P-106-

EXTERIOR CLEANOUT

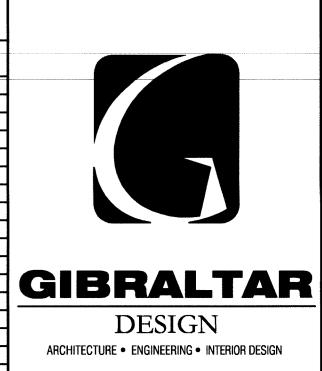
359

6"RC FROM ABOVE, 3,705 SQ FT

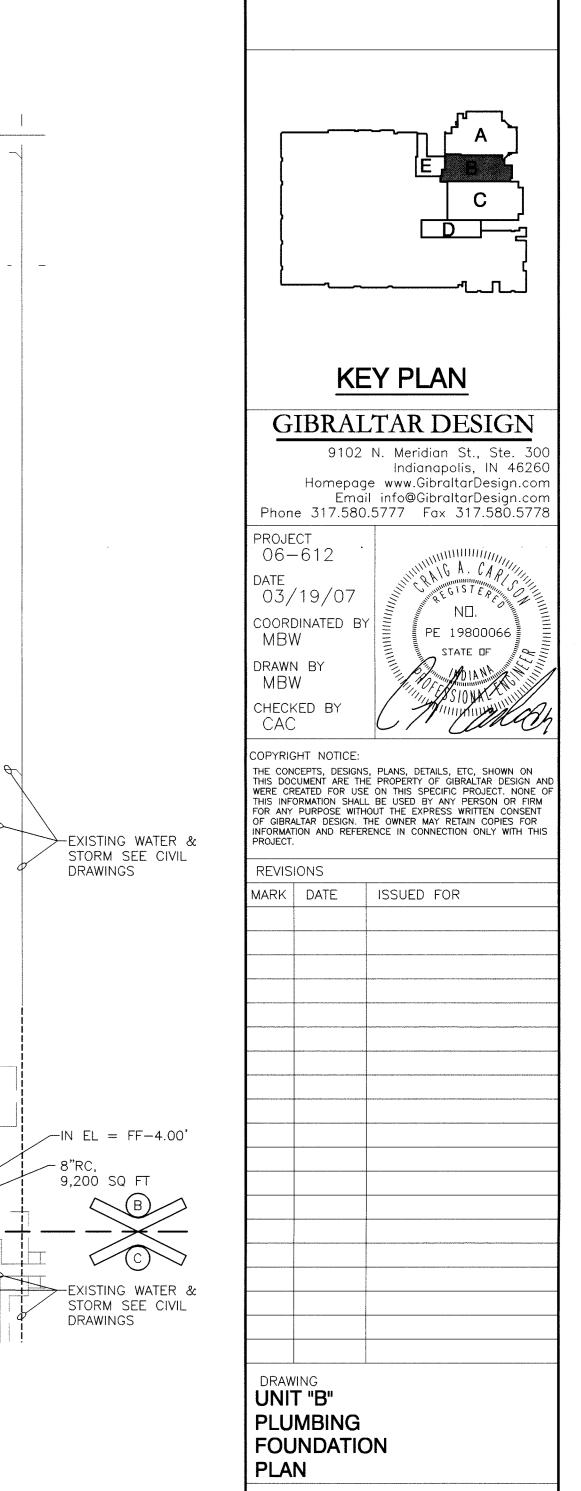
360

6"W¬

10"RC, 22,770 SQ FT 7



LAWRENCE CENTRAL HIGH RENOVATIONS, ADDITIONS AND RELATED WORK MSD OF LAWRENCE TOWNSHIP





353

350

6"RC FROM ABOVE, 4,255 SQ FT

6" RC FROM AROVE

19,065 SQ FT 2"W 2"W

8"RC, 14,810 SQ FT √

/ 8"RC FROM ABOVE, 10,120 SQ FT

4

6,850 SQ FT

340

EXISTING

VERIFY -

3"W,

EXISTING 6" RC, VERIFY

3,240 SQ FT

3,240 SQ FT

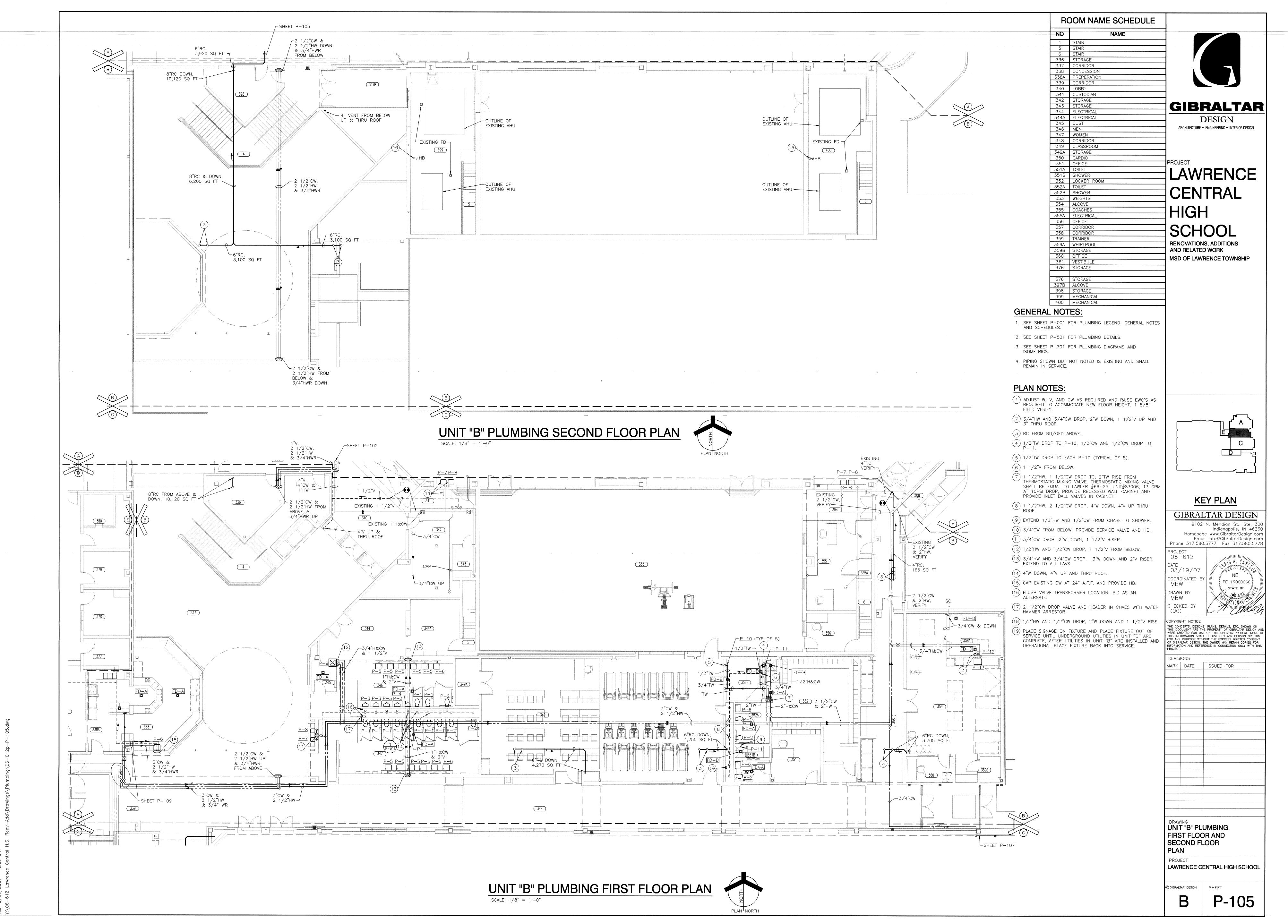
8"RC, 10,090 SQ FT \

6"RC FROM ABOVE, 4,720 SQ FT

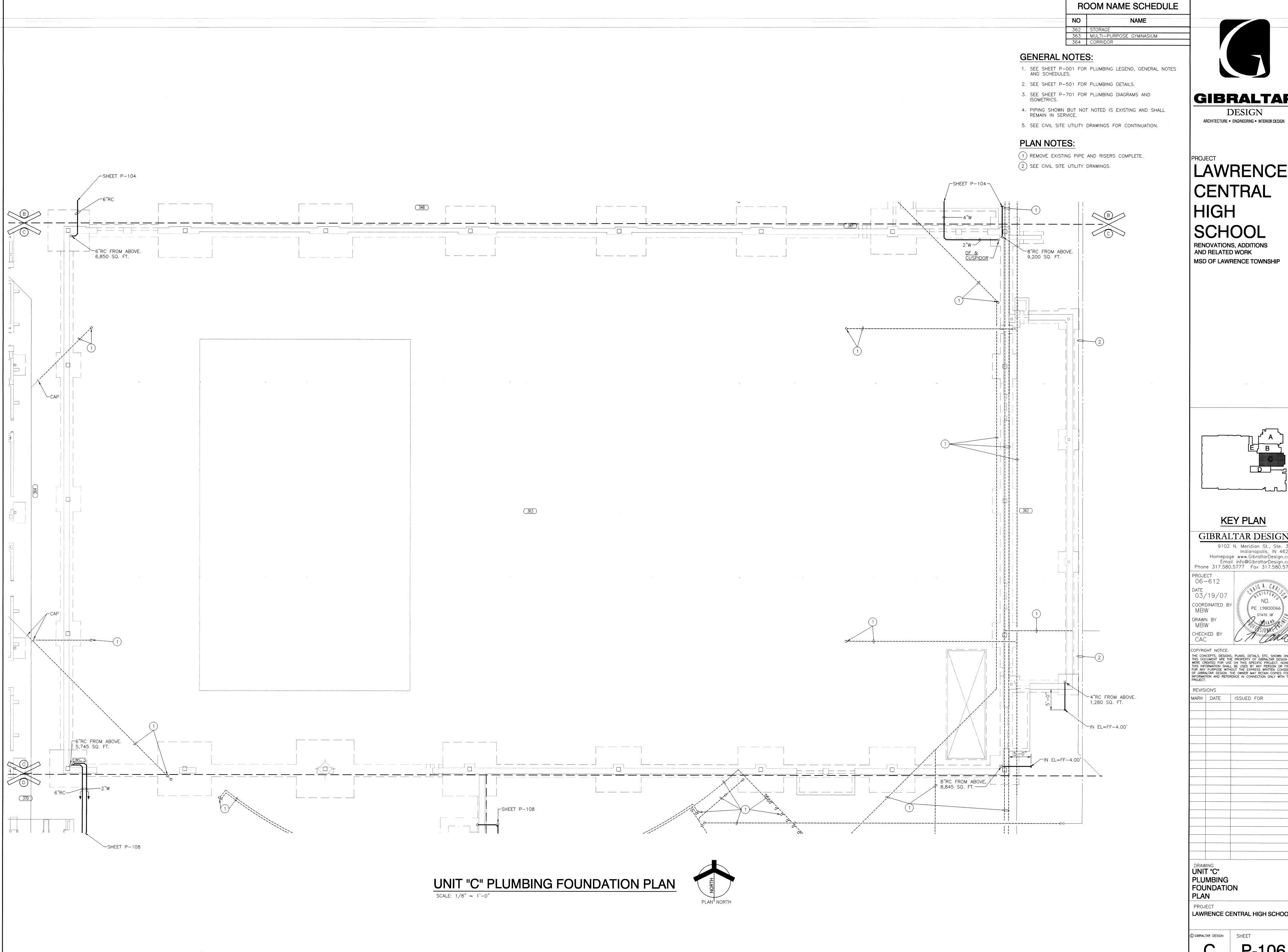
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GIBRALTAR DESIGN SHEET

LAWRENCE CENTRAL HIGH SCHOOL



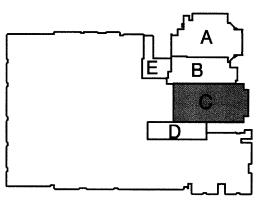
Tile 3/20/2007 - 6:09 am



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RENOVATIONS, ADDITIONS AND RELATED WORK MSD OF LAWRENCE TOWNSHIP



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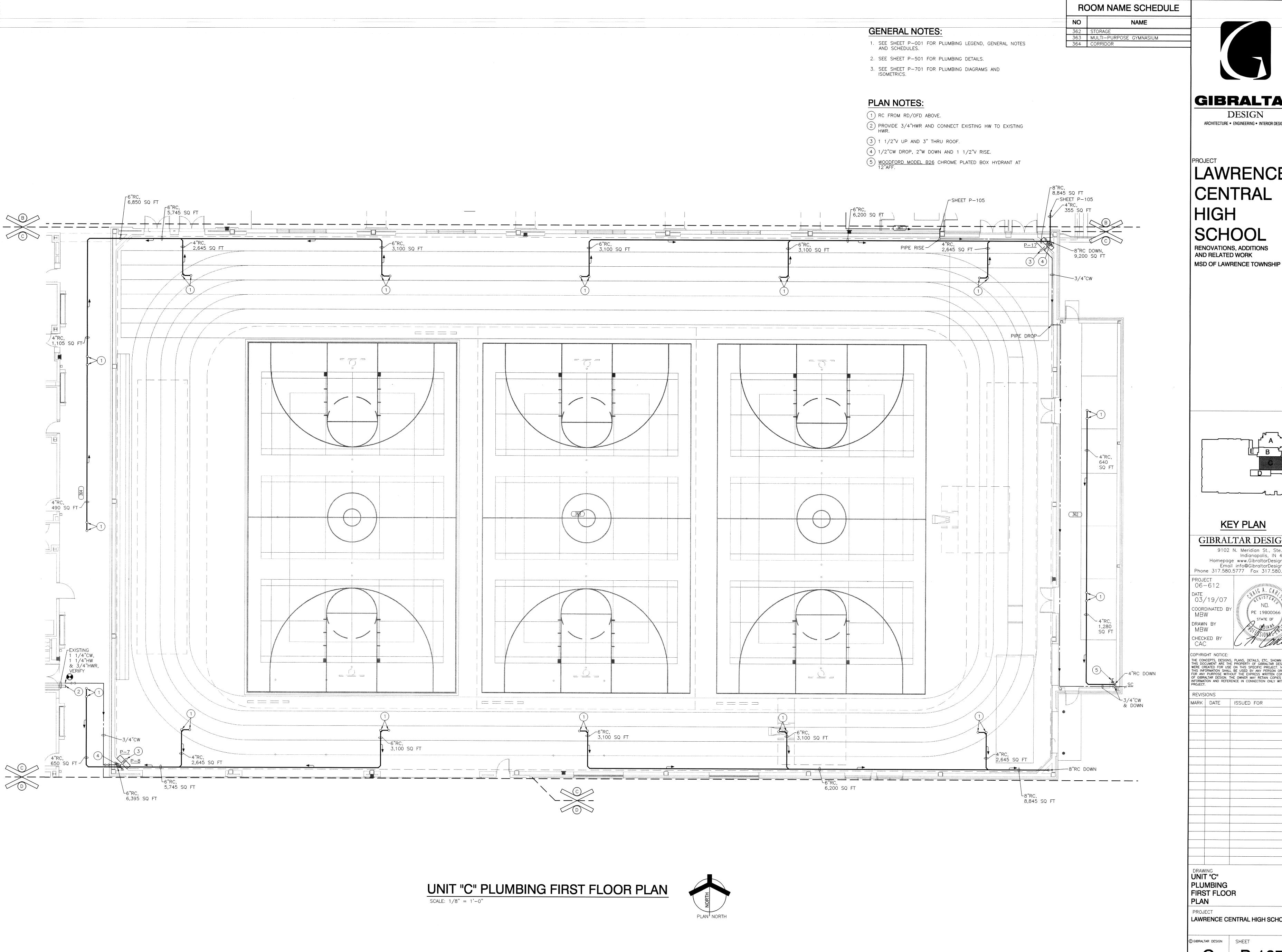
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DRAWING
UNIT "C"
PLUMBING
FOUNDATION

LAWRENCE CENTRAL HIGH SCHOOL

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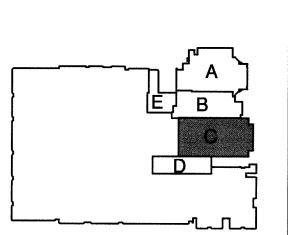
P-106



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LAWRENCE CENTRAL HIGH

RENOVATIONS, ADDITIONS AND RELATED WORK



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PLUMBING FIRST FLOOR

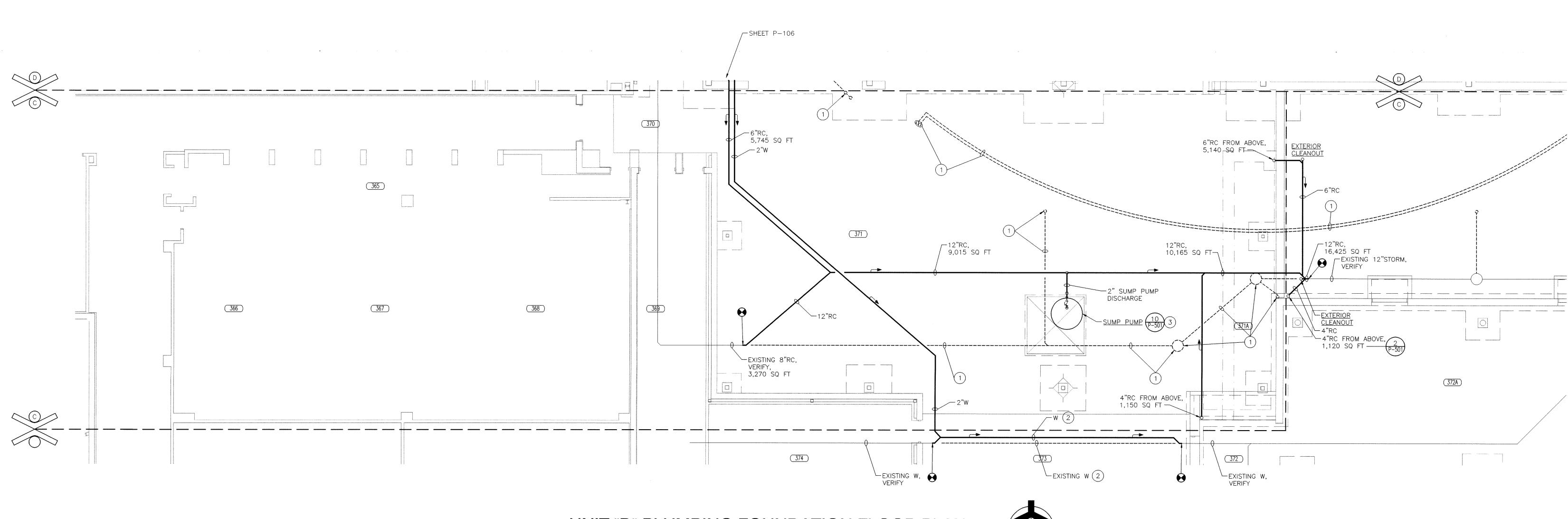
LAWRENCE CENTRAL HIGH SCHOOL

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PLAN NOTES: 1) REMOVE EXISTING PIPE, RISER, CATCH BASIN/MAN HOLE COMPLETE. **GENERAL NOTES:** SEE SHEET P-001 FOR PLUMBING LEGEND, GENERAL NOTES AND SCHEDULES. 2) REMOVE AND REPLACE EXISTING SANITARY W WITH CAST IRON W, REPLACE WITH SAME SIZE AS EXISTING. MATCH SLOPE AND ELEVATION. 2. SEE SHEET P-501 FOR PLUMBING DETAILS. (3) 2" PUMP DISCHARGE WITH GATE VALVE AND CHECK VALVE. 371 GYMNASTICS 3. SEE SHEET P-701 FOR PLUMBING DIAGRAMS AND 371A STORAGE (4) RC FROM RD/OFD ABOVE. (5) CONNECT 4"RC TO DOWN SPOUT, SEE DETAIL. (2)6) INSTALL EWC'S CONNECT TO EXISTING CW, W AND V ADJUSTING SERVICES AS REQUIRED. SHEET P-107 <u>370</u> 2,570 SQ FT _____ 1,285 SQ FT 6"RC & DOWN, 5,140 SQ FT SUMP PUMP CONTROL PANEL <u>371</u> 1,285 SQ FT 4"RC DOWN

> UNIT "D" PLUMBING FIRST FLOOR PLAN SCALE: 1/8" = 1'-0"





ROOM NAME SCHEDULE

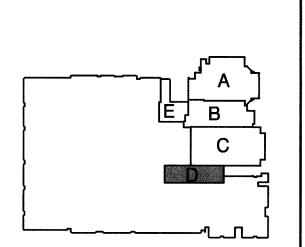
366 CLASSROOM 367 CLASSROOM 368 CLASSROOM
369 CORRIDOR
370 CORRIDOR

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LAWRENCE CENTRAL HIGH SCHOOL RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP



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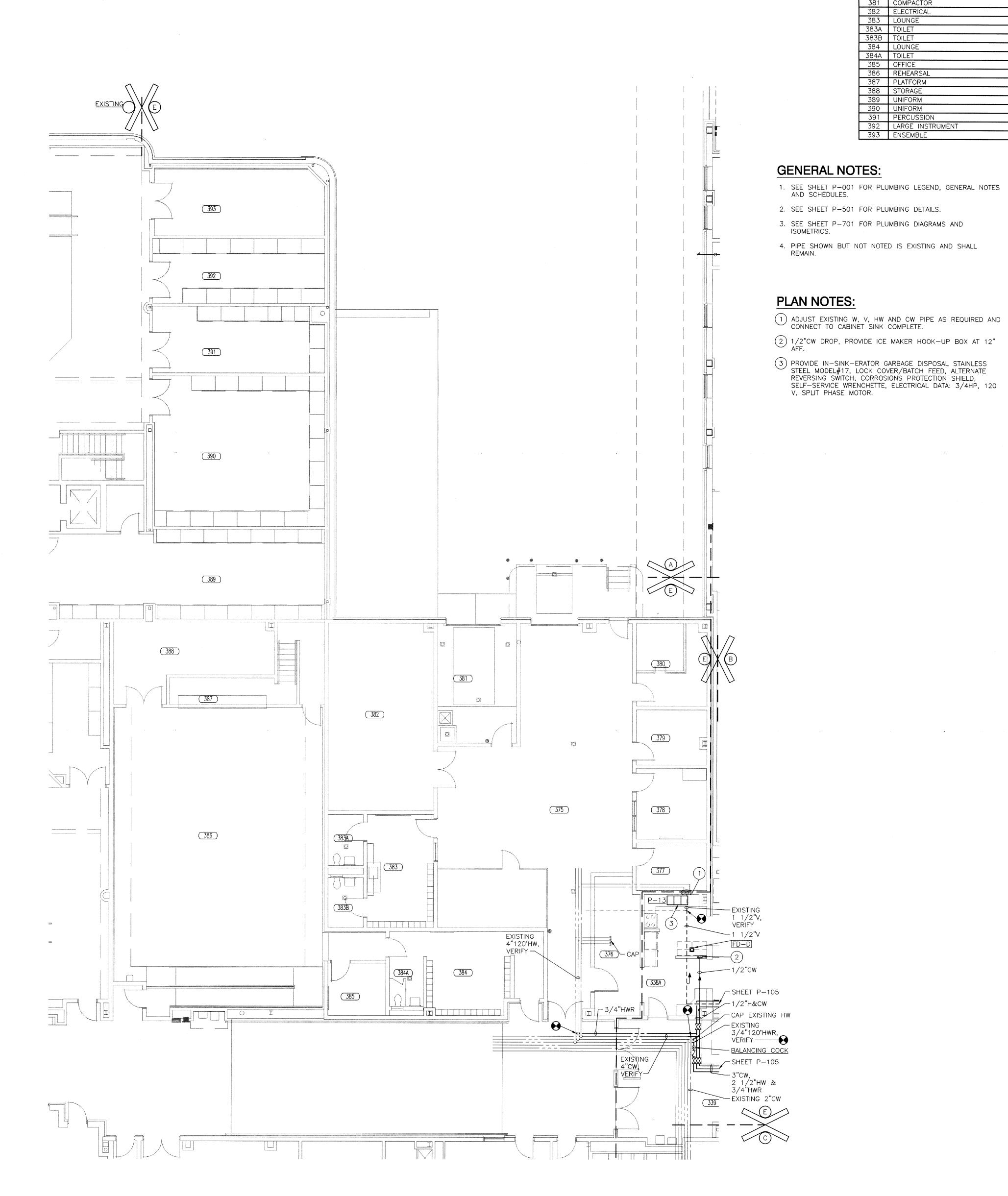
DRAWING
UNIT "D"
PLUMBING
FOUNDATION & FIRST FLOOR

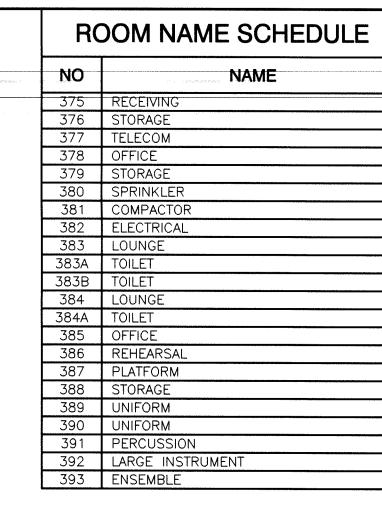
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P-108

UNIT "D" PLUMBING FOUNDATION FLOOR PLAN SCALE: 1/8" = 1'-0"





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SCHOOL RENOVATIONS, ADDITIONS AND RELATED WORK

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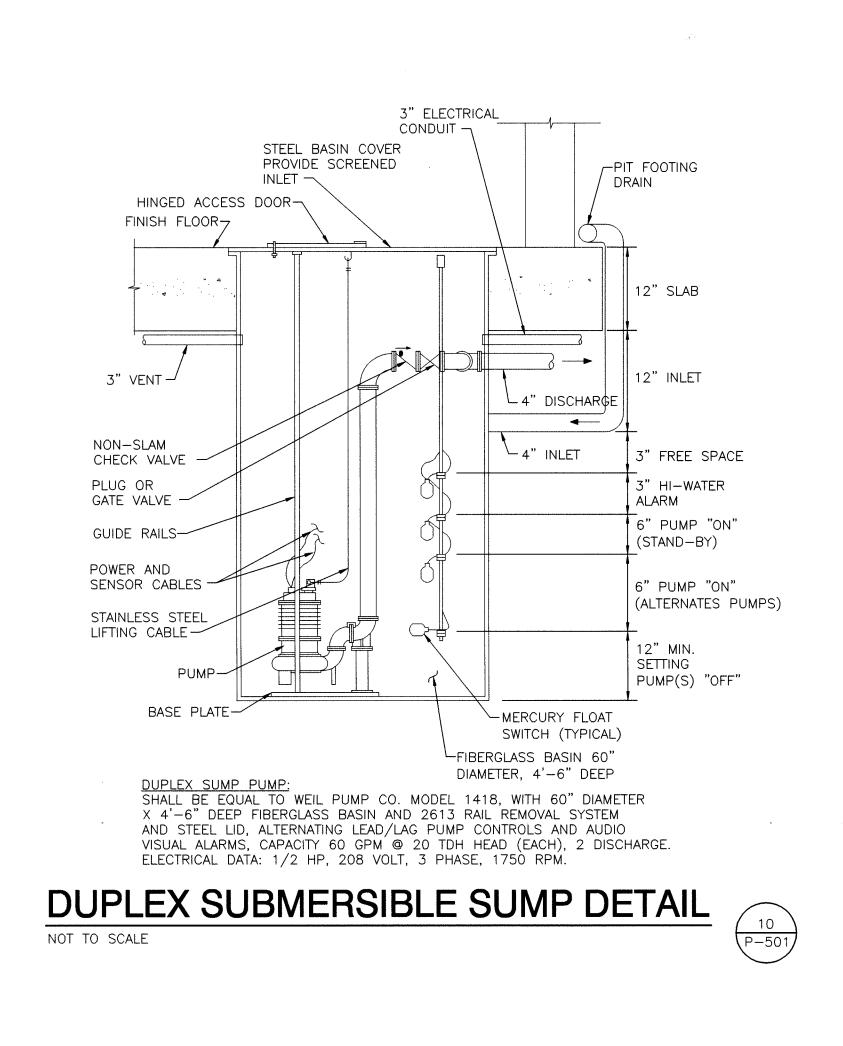
DRAWING
UNIT "E"
PLUMBING
FIRST FLOOR

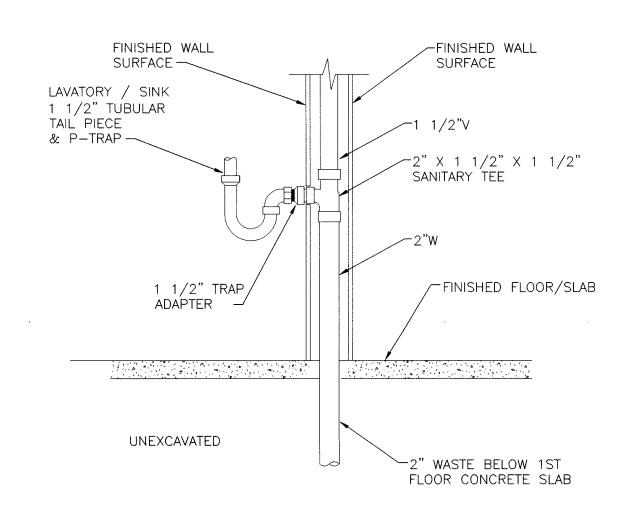
LAWRENCE CENTRAL HIGH SCHOOL

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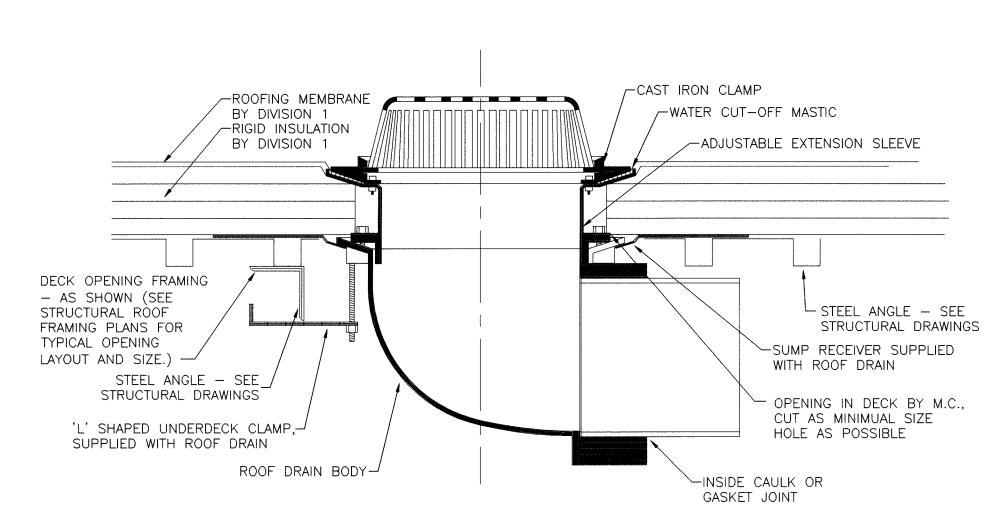
P-109

UNIT "E" PLUMBING FIRST FLOOR PLAN SCALE: 1/8" = 1'-0"

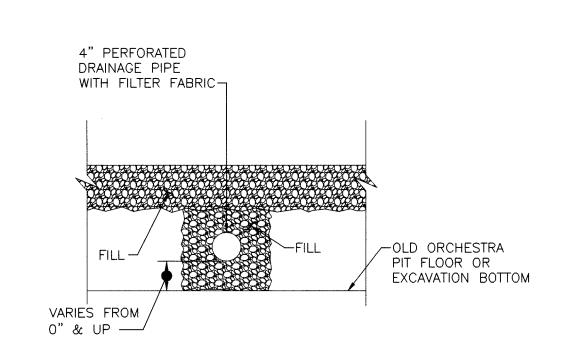




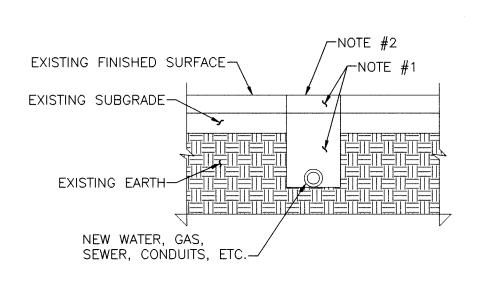








UNDERDRAIN FILL DETAIL

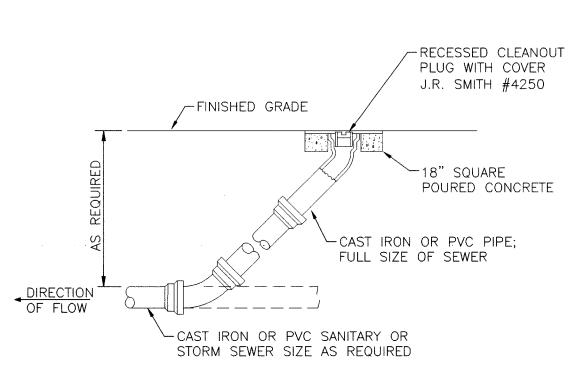


NOTES:

1. SAW CUT EXISTING SURFACE WHERE NOTED ON THE DRAWINGS.
EXCAVATE, INSTALL NEW SERVICE, INSTALL AN APPROVED BANK RUN
GRAVEL BACKFILL TO TOP OF SUBGRADE AND HAUL AWAY EXCESS
MATERIAL.

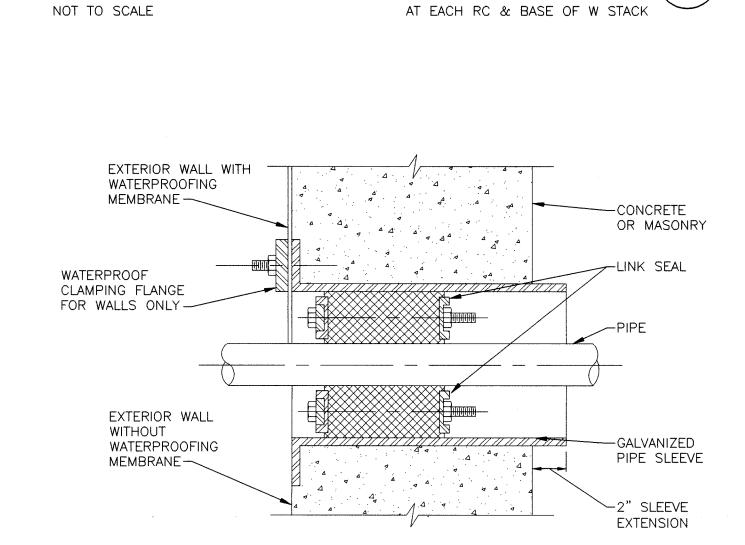
2. PROVIDE THE FINAL FINISHED SURFACE TO MATCH EXISTING ADJACENT





TYPICAL EXTERIOR
CLEANOUT DETAIL

NOT TO SCALE



TYPICAL WALL CLEANOUT DETAIL (4) P-501)

TEST TEE -

CLEAN

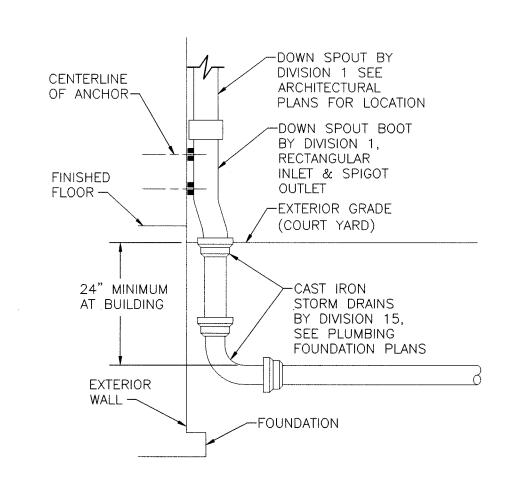
CLEAN

BUILDING DRAIN
SIZE ON PLAN

OUT COVER -

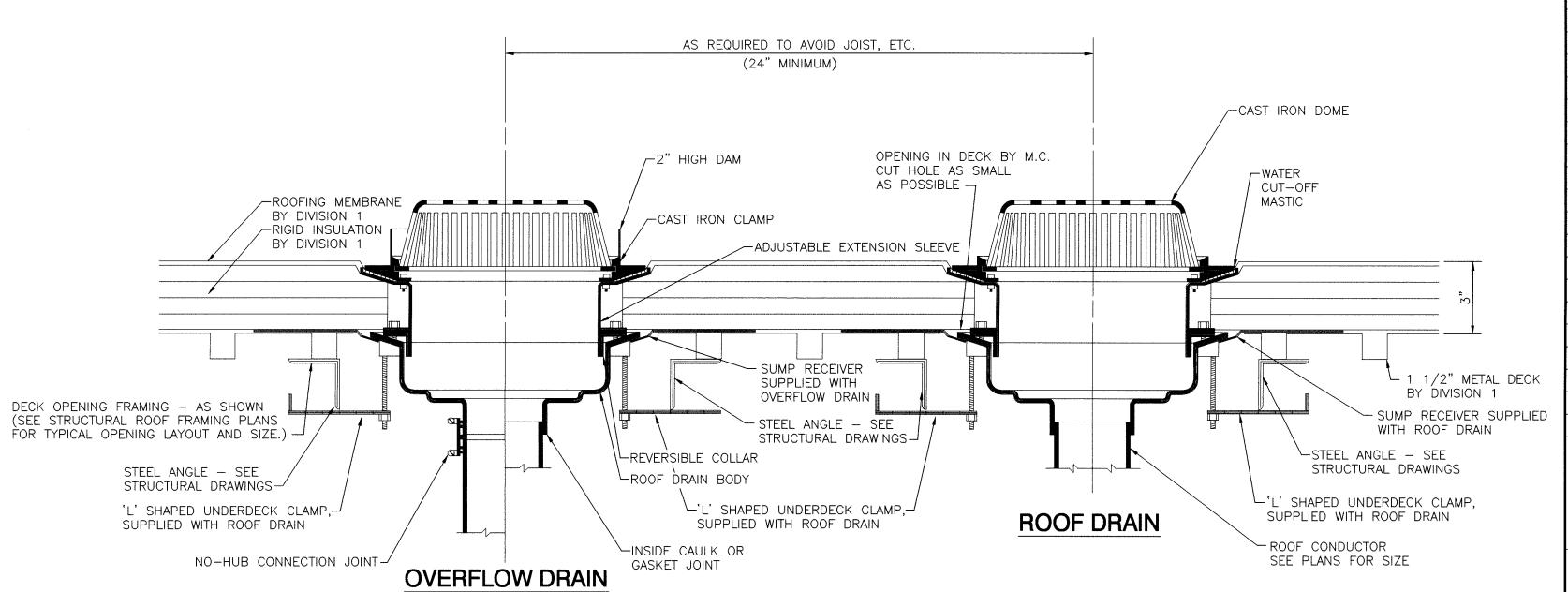
FINISHED FLOOR FOR INTERIOR

PIPE SLEEVE THRU EXTERIOR WALL
OR FOUNDATION WALL DETAIL
NOT TO SCALE
P-501



DOWNSPOUT BOOT DETAIL

NOT TO SCALE



ROOF & OVERFLOW DRAIN DETAIL

NOT TO SCALE

1
P-501



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DJECT

LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS
AND RELATED WORK
MSD OF LAWRENCE TOWNSHIF

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PROJECT
06-612

DATE
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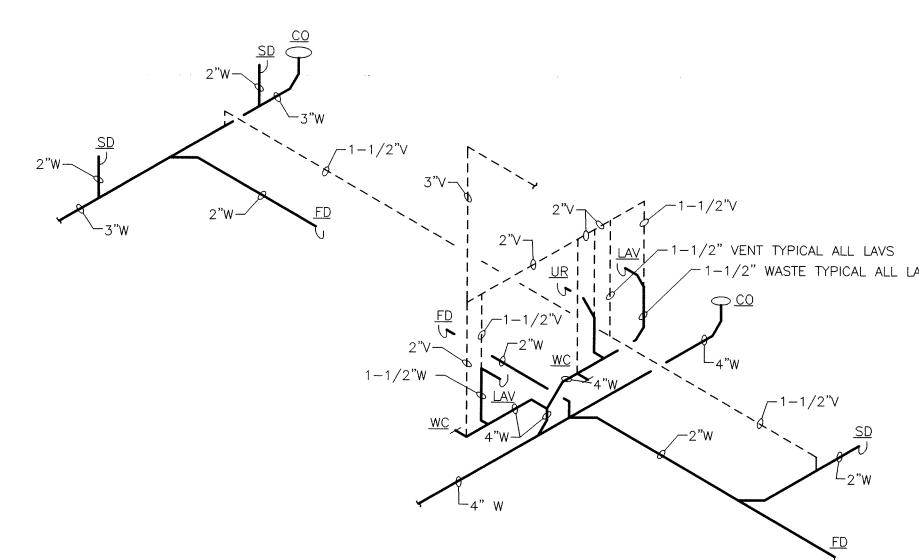
DRAWING PLUMBING DETAILS

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

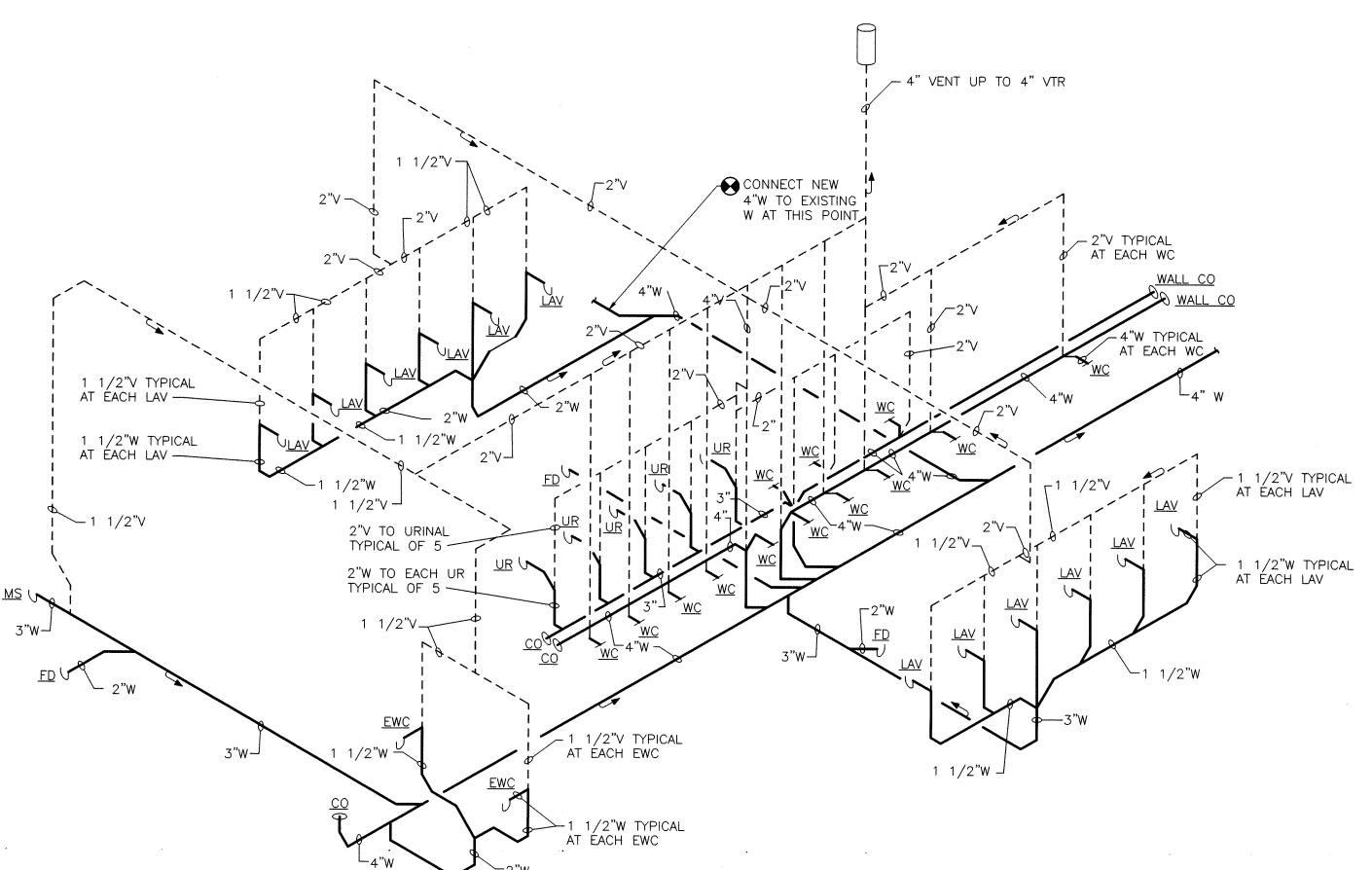
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P-501

WASTE AND VENT PIPING ISOMETRIC NOT TO SCALE



WASTE AND VENT PIPING ISOMETRIC



DRAWI MBV CHECK CAC	V KED BY	STATE OF STOWN
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WASTE AND VENT PIPING ISOMETRIC

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RENOVATIONS, ADDITIONS AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

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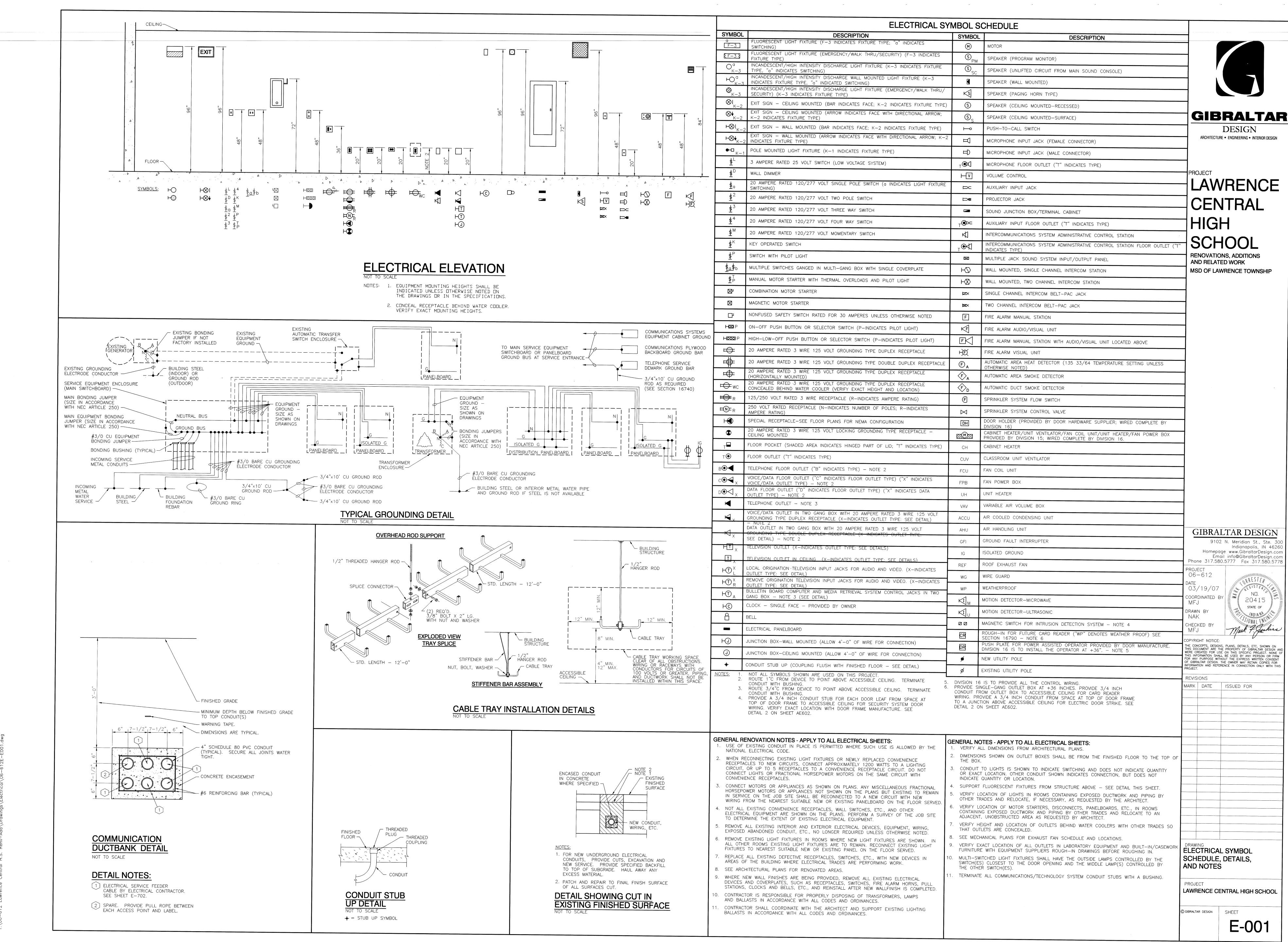
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P-701

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL -

DRAWING PLUMBING ISOMETRICS



Mon, 3/19/2007 — 5:33 pm

SCALE: 1" = 40'-0"

ELECTRICAL DEMOLITION PLAN NOTES: (THESE NOTES APPLY TO THIS SHEET ONLY) (NOT ALL NOTES LISTED MAY BE USED)

1 EXISTING UNDERGROUND PRIMARY ELECTRICAL SERVICE AND ALL ASSOCIATED CONDUIT AND WIRE TO BE REMOVED.

2 EXISTING PAD MOUNTED POWER COMPANY TRANSFORMER SHALL REMAIN.

3 EXISTING EXTERIOR EMERGENCY GENERATOR SHALL REMAIN.

4 EXISTING MAIN SWITCHBOARD "MDP1" SHALL REMAIN. 5 EXISTING MAIN SWITCHBOARD "MDP2" SHALL REMAIN.

6 EXISTING UNDERGROUND FIBER OPTIC AND COPPER VOICE/DATA SERVICE AND ALL ASSOCIATED CONDUIT AND WIRE TO REMAIN. PROTECT SERVICE DURING CONSTRUCTION.

7 REMOVE EXISTING SITE LIGHTING FIXTURE AND POLE, AND RELOCATE AS INDICATED ON SHEET ES102. REMOVE EXISTING CONCRETE POLE BASE.

8 EXISTING SITE LIGHTING FIXTURE(S), POLES, CONCRETE BASES AND ALL ASSOCIATED CONDUIT AND WIRE SHALL REMAIN UNLESS OTHERWISE NOTED.

9 REMOVE EXISTING OVERHEAD TELEPHONE AND CCTV CABLING BETWEEN THE HIGH SCHOOL BUILDING AND THE FOOTBALL STADIUM. SEE SHEET ES102 FOR REPLACEMENT CABLING.

REMOVE EXISTING ABANDONED UNDERGROUND FEEDER CONDUIT AND CONDUCTORS TO POINT BEYOND NEW CONSTRUCTION. ABANDON REMAINING CONDUIT AND CONDUCTORS IN PLACE. VERIFY FEEDER IS ABANDONED PRIOR TO REMOVAL.

11 EXISTING FOOTBALL FIELD LIGHTING POLE TO REMAIN.

2 EXISTING CONDUIT AND WIRE TO BE REMOVED.

13 EXISTING PANEL(S) TO REMAIN.

14 EXISTING TO REMAIN.

15 EXISTING UNDERGROUND CONDUIT AND CONDUCTORS TO REMAIN.



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LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK MSD OF LAWRENCE TOWNSHIP

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PARTIAL ELECTRICAL DEMOLITION SITE PLAN

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vitin Indiana
Call 1—800—382—5544

Duristle Indiana
Call 1—800—428—5200

2 Working Days
Before You Dig.
BUILDING SERVICE, INC.

"IT'S THE LAW"

PER INDIANA STATE LAW IS-69-1991, IT IS

AGAINST THE LAW TO EXCAVATE WITHOUT

NOTIFYING THE UNDERGROUND LOCATION SERVICE

TVO (2) VORKING DAYS BEFURE COMMENCING WORK.

LAWRENCE CENTRAL HIGH SCHOOL

ES101

ELECTRICAL DEMOLITION SITE PLAN



- 1 EXISTING INCOMING UNDERGROUND PRIMARY ELECTRICAL SERVICE SHALL
- 2) EXISTING PAD MOUNTED POWER COMPANY TRANSFORMER SHALL REMAIN.
- (3) EXISTING EXTERIOR EMERGENCY GENERATOR SHALL REMAIN.
- (4) EXISTING MAIN SWITCHBOARD "MDP1" SHALL REMAIN.
- (5) EXISTING MAIN SWITCHBOARD "MDP2" SHALL REMAIN.
- 6 EXISTING UNDERGROUND FIBER OPTIC AND COPPER VOICE/DATA SERVICE AND ALL ASSOCIATED CONDUIT AND WIRE TO REMAIN. PROTECT SERVICE DURING CONSTRUCTION.
- 7 EXISTING SITE LIGHTING FIXTURE AND POLE RELOCATED TO THIS POSITION. PROVIDE NEW CONCRETE BASE, CONDUIT AND CONDUCTORS.
- (8) EXISTING SITE LIGHTING FIXTURE, POLE AND BASE TO REMAIN.
- 9 NEW UNDERGROUND 1 1/2" C WITH NEW CCTV COAXIAL CABLE AND TELEPHONE STATION CABLE. PROVIDE PULLBOX AT BASE OF STADIUM, ROUTE UP REAR OF STADIUM TO EXISTING CCTV AND TELEPHONE CABLING, AND RECONNECT IN WEATHERPROOF JUNCTION BOX. CCTV CABLE SHALL BE WEST PENN WIRE #5990 RG-59. TELEPHONE CABLE SHALL BE OUTSIDE PLANT VOICE/DATA CABLE AS SPECIFIED IN SECTION 16742.
- ROUTE CONDUIT UP IN THIS ROOM. PROVIDE WALL ENCLOSURE FOR TRANSITION TO PLENUM RATED CABLES. PROVIDE LINE SURGE PROTECTORS ON BOTH CCTV AND TELEPHONE LINE CABLES IN THIS ENCLOSURE. PROVIDE #6 GROUNDING CONDUCTOR FROM SURGE PROTECTORS TO GROUNDING CONDUCTOR RING ON EXTERIOR OF BUILDING. PROVIDE PLENUM RATED CCTV COAXIAL CABLE FROM HERE AND CONNECT TO EXISTING CCTV RUN FOR STADIUM MOUNTED CCTV CAMERA. VERIFY LOCATION OF REMAINING CABLE RUN. PROVIDE PLENUM RATED VOICE/DATA CABLE FROM HERE TO NEW IDF—S IN STORAGE 343. CCTV CABLE SHALL BE WEST PENN WIRE #25815. VOICE/DATA CABLE SHALL BE AS SPECIFIED IN SECTION 16742.
- 11) EXISTING FOOTBALL FIELD LIGHTING POLE TO REMAIN.
- 12) PROVIDE NEW CONDUIT AND CONDUCTORS TO SERVE EXISTING SITE LIGHTING FIXTURE AND POLE. INTERCEPT EXISTING CONDUIT AT EXISTING POLE BASE.
- (13) EXISTING PANEL(S) TO REMAIN.
- (14) EXISTING TO REMAIN.
- (15) EXISTING UNDERGROUND CONDUIT AND CONDUCTORS TO REMAIN.
- (16) PROVIDE INGROUND JUNCTION BOX IN GRASSY AREA TO INTERCEPT, RECONNECT AND EXTEND EXISTING EXTERIOR LIGHTING CIRCUIT.
- 4" PVC FOR NEW UNDERGROUND PRIMARY ELECTRICAL SERVICE BY DIVISION 16. NEW PRIMARY ELECTRICAL SERVICE BY LOCAL UTILITY COMPANY. SEE SPECIFICATIONS.
- (18) NEW PAD MOUNTED TRANSFORMER AND TRANSFORMER CONCRETE PAD BY LOCAL UTILITY COMPANY. SEE DIVISION 16 SPECIFICATIONS.
- 19) NEW UNDERGROUND SECONDARY ELECTRICAL SERVICE TO NEW MAIN SWITCHBOARD "MDP3". SEE SHEET E-702.
- 20) NEW MAIN SWITCHBOARD "MDP3".

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AND RELATED WORK
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06-612

DATE
03/19/07

COORDINATED BY
MFJ

DRAWN BY

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Fax 317.580.577

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Call Monday through Friday—7 AM to 6 PM

Vitin Indiana

Call 1—800—382—5544

Ortalite Indiana

Call 1—800—428—5200

2 Working Days
Before You Dig.
DIGITAINA UNDERSHOUND PROTECTION SERVICE, DK.

"IT'S THE LAW"

PER INDIANA STATE LAW IS-69-1991, IT IS
AGAINST THE LAW TO EXCAVATE WITHOUT
NOTIFYING THE UNDERGROUND LOCATION SERVICE
TVO (2) VORKING DAYS BEFORE COMMENCING WORK.

PROJECT

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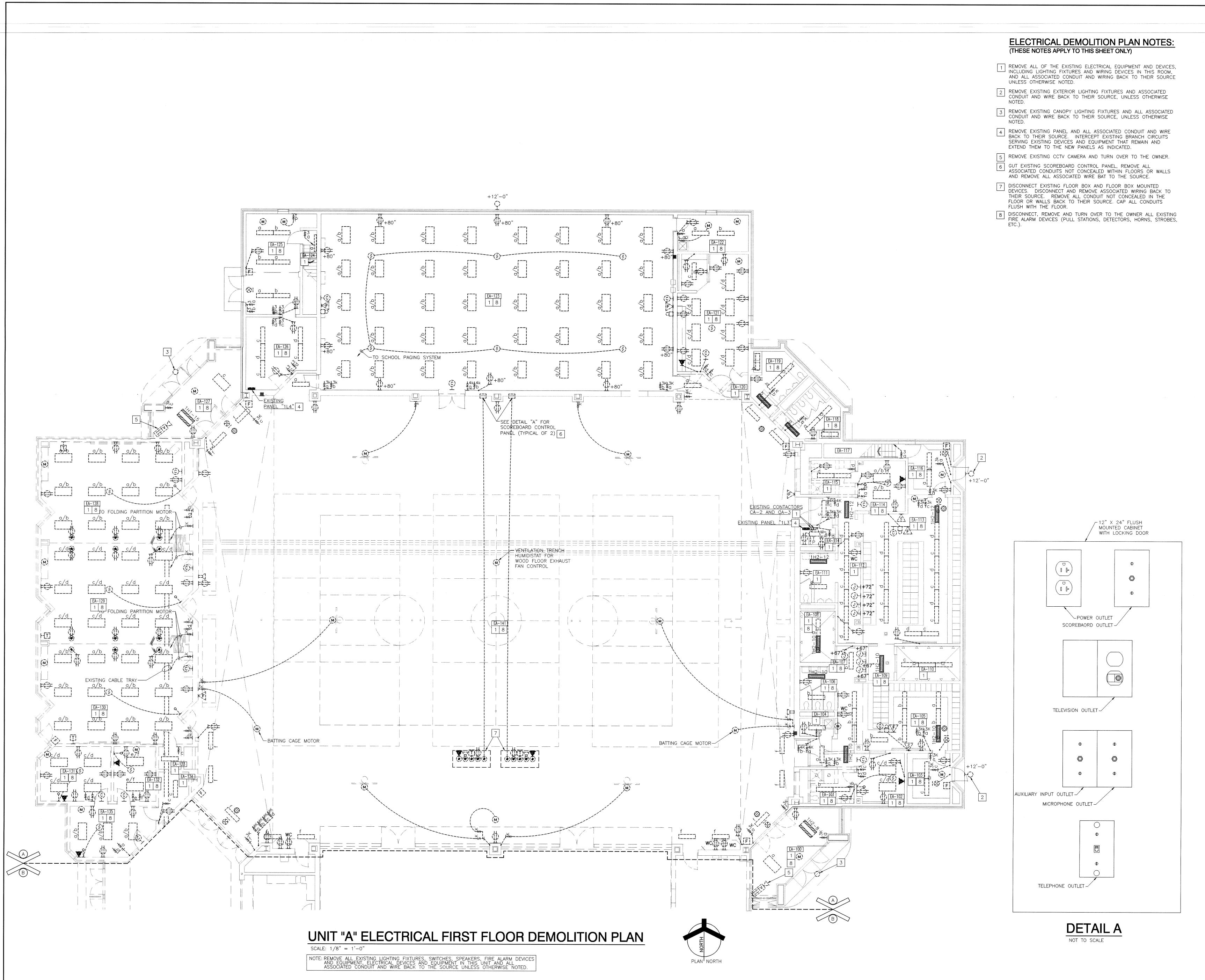
GIBRALTAR DESIGN SHEET

ES102

SITE PLAN NOTES - GENERAL

- 1. ALL WORK SHOWN ON THIS SHEET IS NEW AND BY THE ELECTRICAL TRADES, UNLESS OTHERWISE NOTED.
- 2. RELOCATE OR REMOVE ANY OR ALL EXISTING SERVICES, POLES, ETC., AS MAY BE REQUIRED TO ACCOMMODATE NEW CONSTRUCTION, UNLESS OTHERWISE NOTED.
- PAY ALL FEES AND OTHER COSTS NOT BORNE BY THE POWER COMPANY TO PROVIDE NEW ELECTRICAL SERVICE.
 PAY ALL FEES AND OTHER COSTS NOT BORNE BY THE TELEPHONE COMPANY TO PROVIDE NEW TELEPHONE SERVICE.
- 5. PAY ALL FEES AND OTHER COSTS NOT BORNE BY THE CATV COMPANY TO PROVIDE NEW CATV SERVICE.

 6. COORDINATE LOCATIONS OF UNDERGROUND CONDUITS HE
- COORDINATE LOCATIONS OF UNDERGROUND CONDUITS, HANDHOLES AND MANHOLES WITH OTHER SITE UTILITIES, UNDERGROUND DRAINS, SERVICES, STRUCTURES AND FINAL GRADING.



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DRAWING
UNIT "A" ELECTRICAL FIRST FLOOR **DEMOLITION PLAN**

LAWRENCE CENTRAL HIGH SCHOOL

C) GIBRALTAR DESIGN

ED101



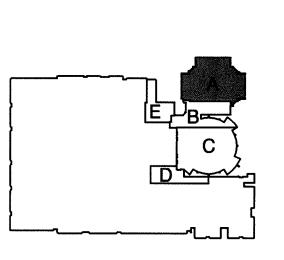
- 1 REMOVE ALL OF THE EXISTING ELECTRICAL EQUIPMENT AND DEVICES, INCLUDING LIGHTING FIXTURES AND WIRING DEVICES, AND ALL ASSOCIATED CONDUIT AND WIRING BACK TO THEIR SOURCE UNLESS OTHERWISE NOTED.
- 2 DISCONNECT, REMOVE AND TURN OVER EXISTING SCOREBOARD TO
- DISCONNECT, REMOVE AND TURN OVER TO THE OWNER ALL EXISTING FIRE ALARM DEVICES (PULL STATIONS, DETECTORS, HORNS, STROBES, ETC.).



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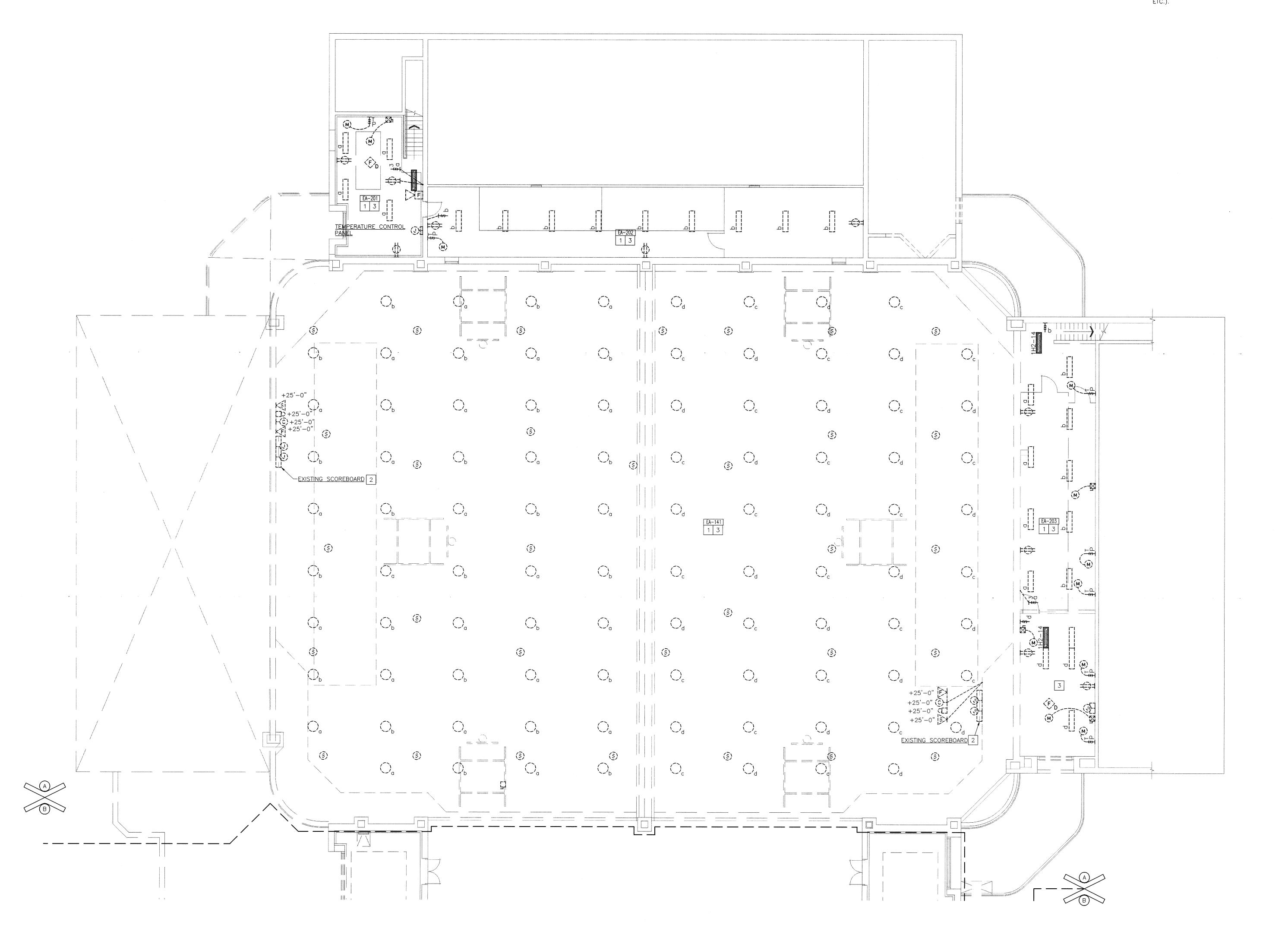
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DRAWING UNIT "A" ELECTRICAL SECOND FLOOR DEMOLITION PLAN

LAWRENCE CENTRAL HIGH SCHOOL

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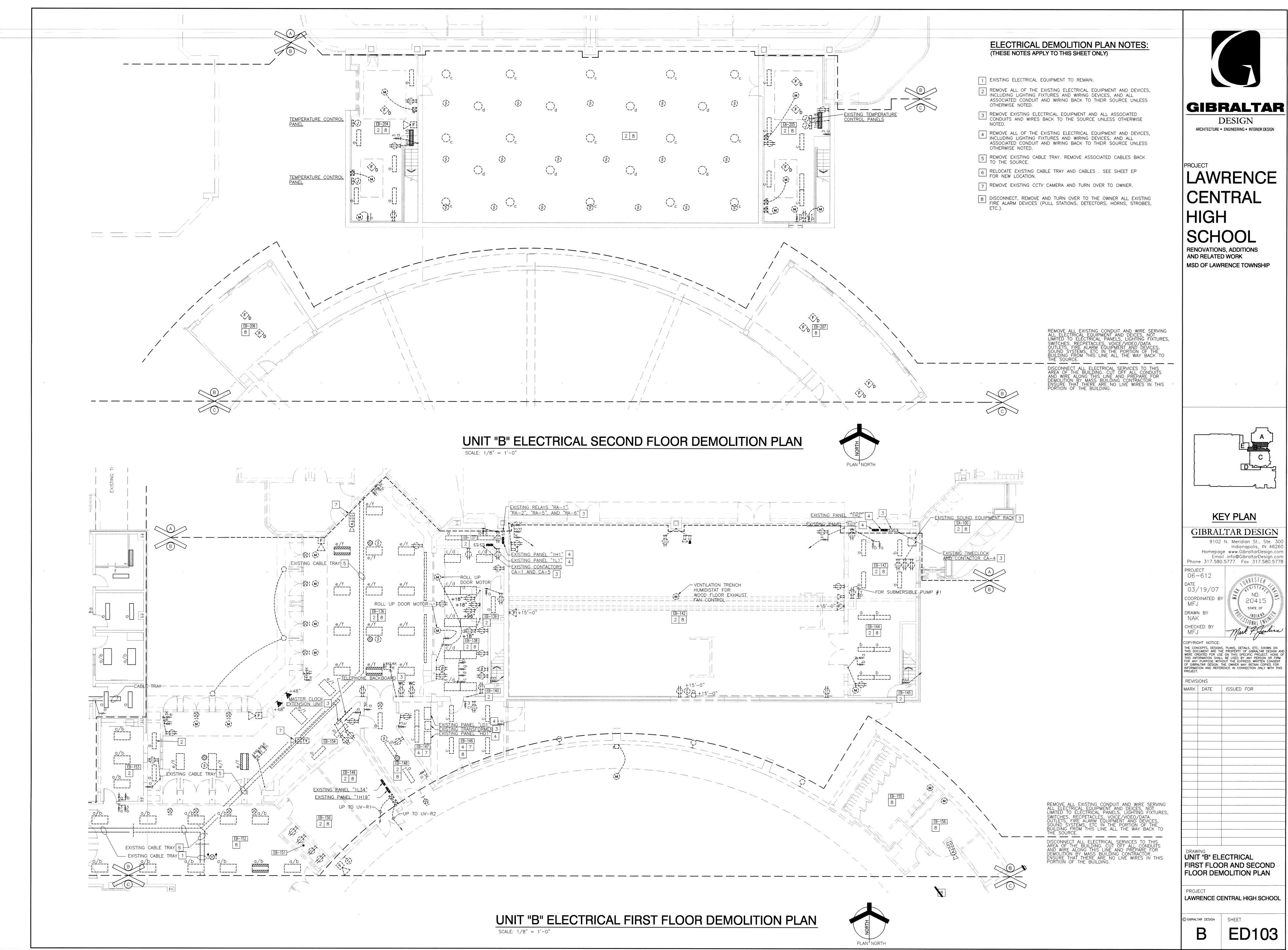
ED102

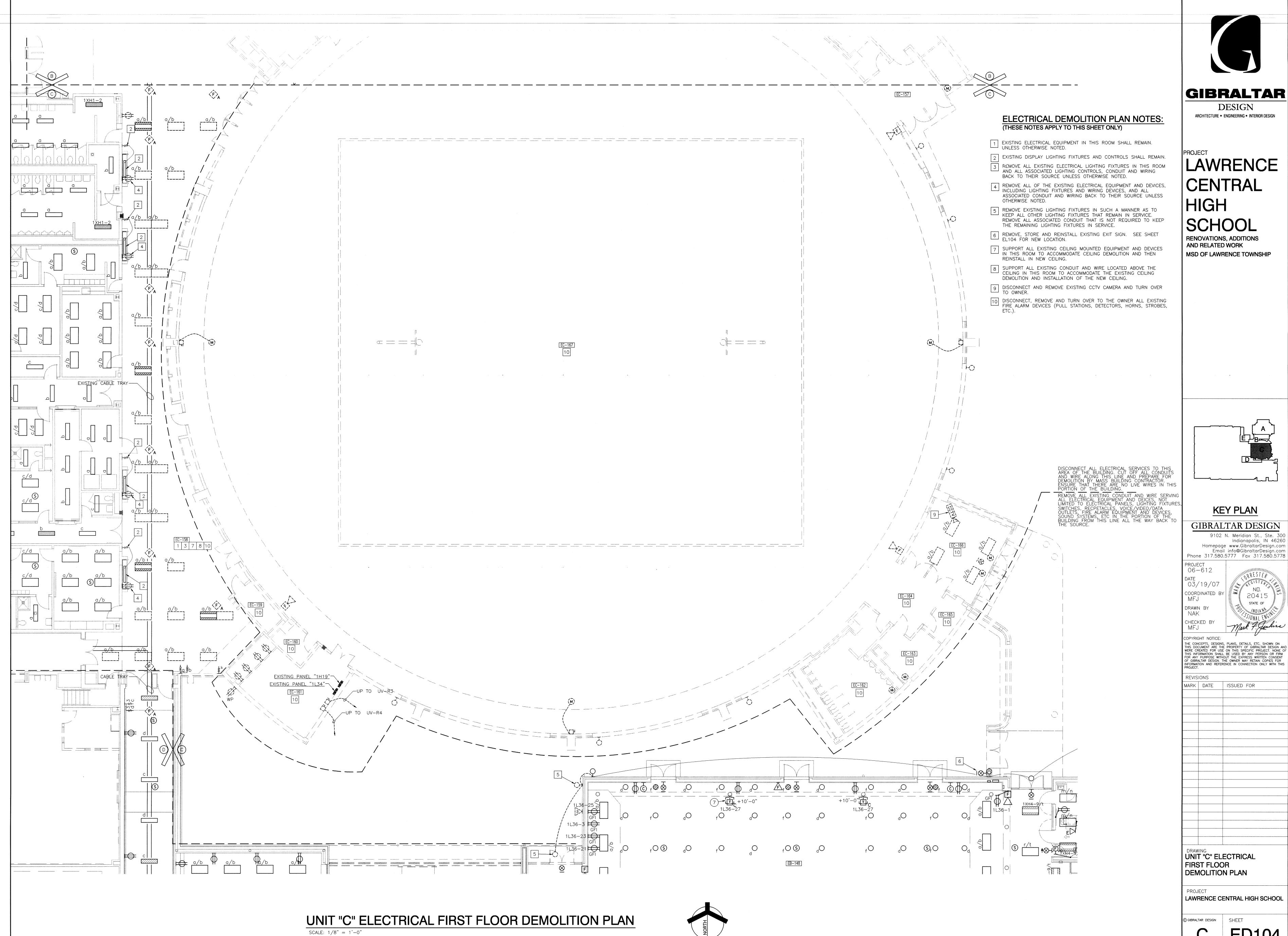


UNIT "A" ELECTRICAL SECOND FLOOR DEMOLITION PLAN

NOTE: REMOVE ALL EXISTING LIGHTING FIXTURES, SWITCHES, SPEAKERS, FIRE ALARM DEVICES AND EQUIPMENT, ELECTRICAL DEVICES AND EQUIPMENT IN THIS UNIT AND ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE UNLESS OTHERWISE NOTED.







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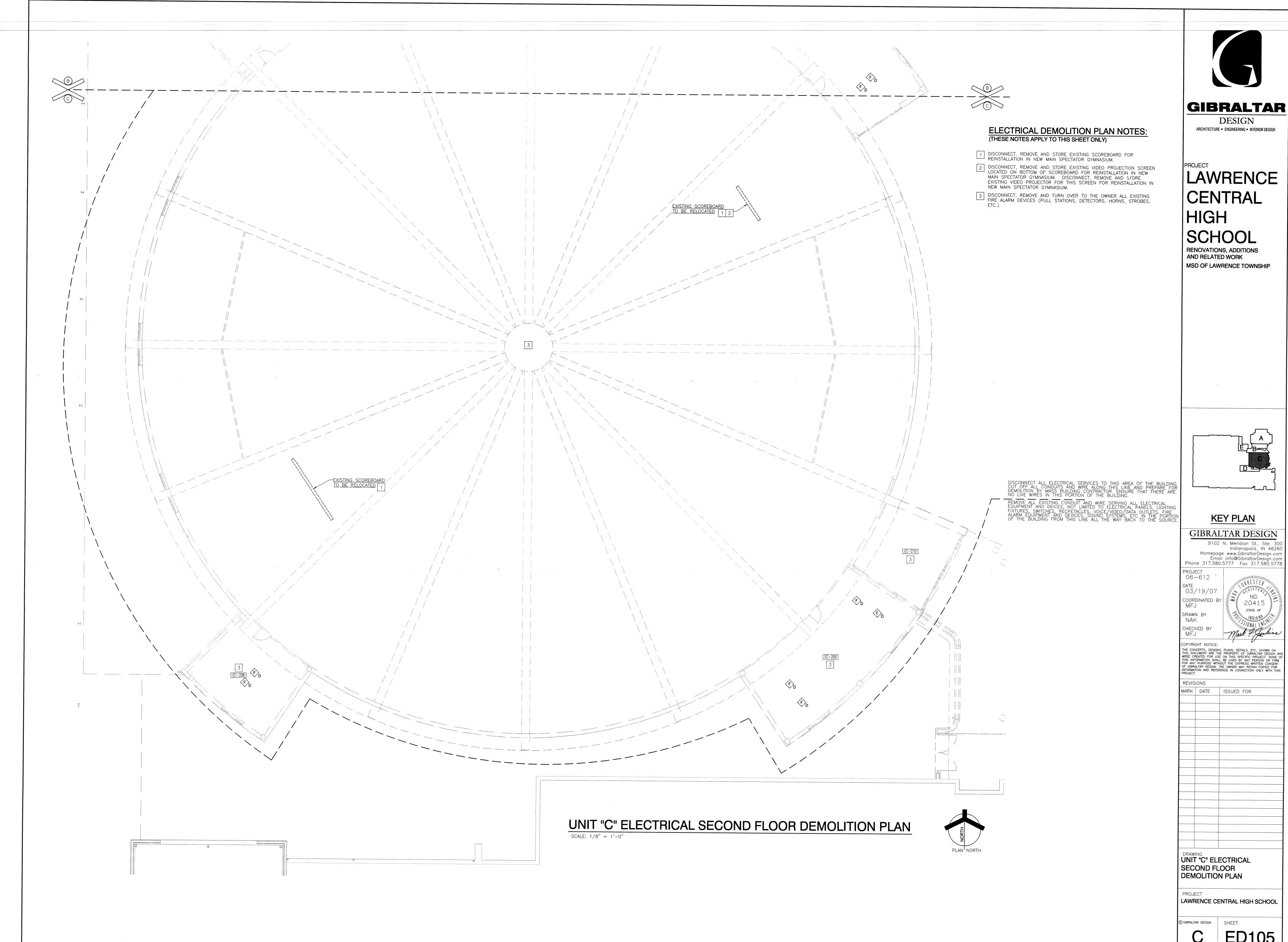
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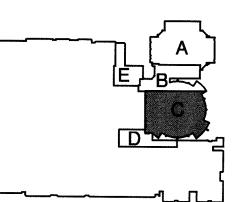
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LAWRENCE CENTRAL HIGH SCHOOL

ED104





ED105



ELECTRICAL DEMOLITION PLAN NOTES: (THESE NOTES APPLY TO THIS SHEET ONLY)

1 EXISTING ELECTRICAL EQUIPMENT TO REMAIN.

2 REMOVE ALL OF THE EXISTING ELECTRICAL EQUIPMENT AND DEVICES, INCLUDING LIGHTING FIXTURES AND WIRING DEVICES, AND ALL ASSOCIATED CONDUIT AND WIRING BACK TO THEIR SOURCE UNLESS OTHERWISE NOTED.

REMOVE EXISTING LIGHTING FIXTURES IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES THAT REMAIN IN SERVICE. REMOVE ALL ASSOCIATED CONDUIT THAT IS NOT REQUIRED TO KEEP THE REMAINING LIGHTING FIXTURES IN SERVICE.

DISCONNECT, REMOVE AND TURN OVER TO THE OWNER ALL EXISTING FIRE ALARM DEVICES (PULL STATIONS, DETECTORS, HORNS, STROBES,

GIBRALTAR

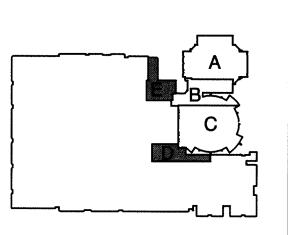
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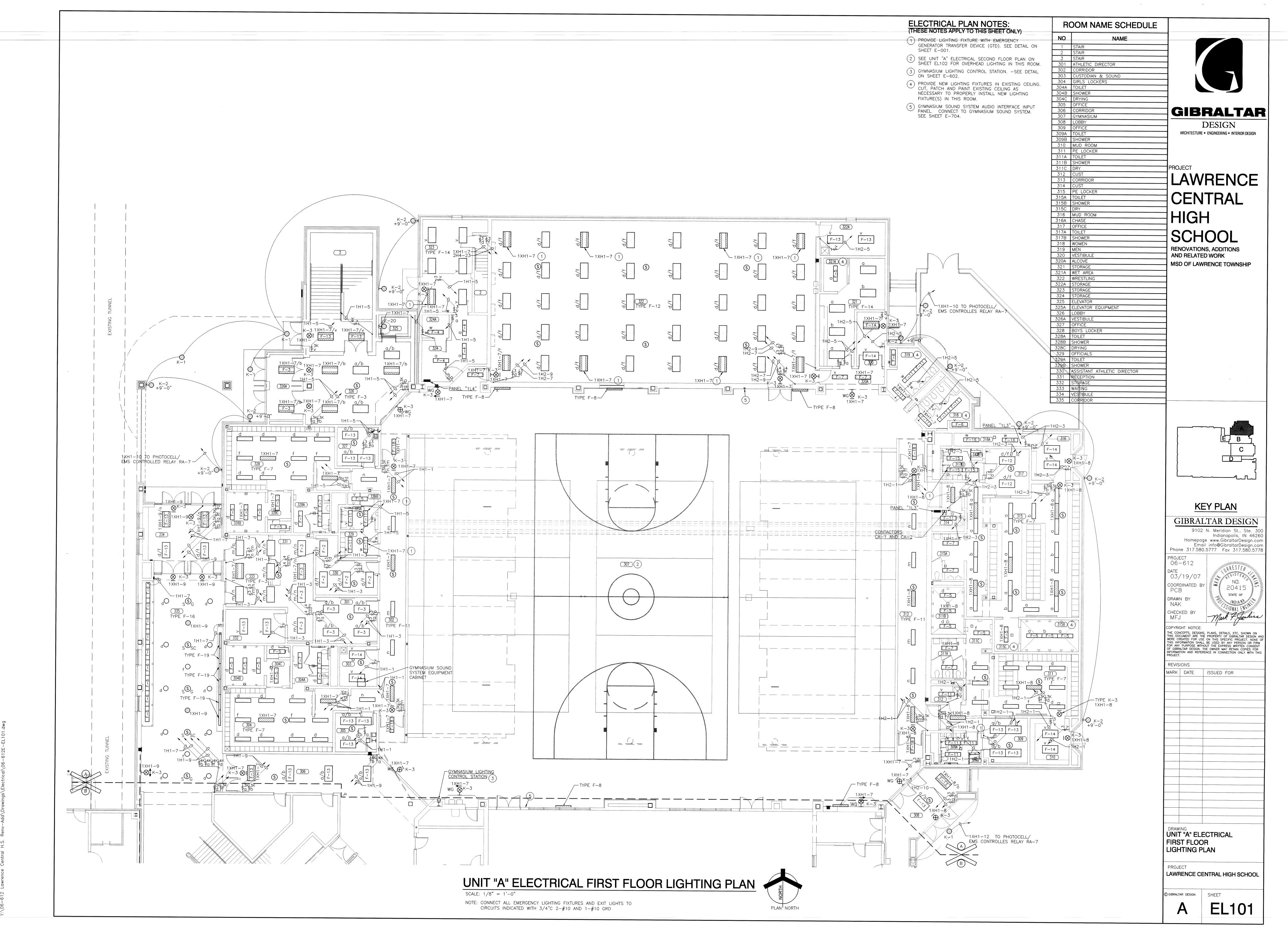
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DRAWING
UNITS "D" AND "E"
ELECTRICAL FIRST FLOOR
DEMOLITION PLAN

LAWRENCE CENTRAL HIGH SCHOOL

D,E ED106

UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION PLAN SCALE: 1/8" = 1'-0"



Mon, 3/19/2007 - 11:49 pm

PLAN NOTES: (THESE NOTES APPLY TO THIS SHEET ONLY)

1) LIGHTING FIXTURES IN THIS ROOM CONTROLLED BY GYMNASIUM LIGHTING CONTROLL STATION. SEE UNIT "a" FIRST FLOOR LIGHTING PLAN FOR LOCATIONS.

2) PROVIDE LIGHTING RELAYS RA-1 THRU RA-6 IN LIGHTING RELAY CABINET "LRCA1"

3 SCHOOL INTERCOMMUNICATION SYSTEM PAGING HORN INSTALLED ON BOTTOM CORD OF ROOF TRUSS. COORDINATE LOCATION WITH GYMNASIUM SOUND SYSTEM LOUDSPEAKER CLUSTER.

ROOM NAME SCHEDULE

2 STAIR
3 STAIR
325 ELEVATOR
394 BALCONY
395 MECHANICAL

396 MECHANICAL

397 BALCONY 397A ALCOVE

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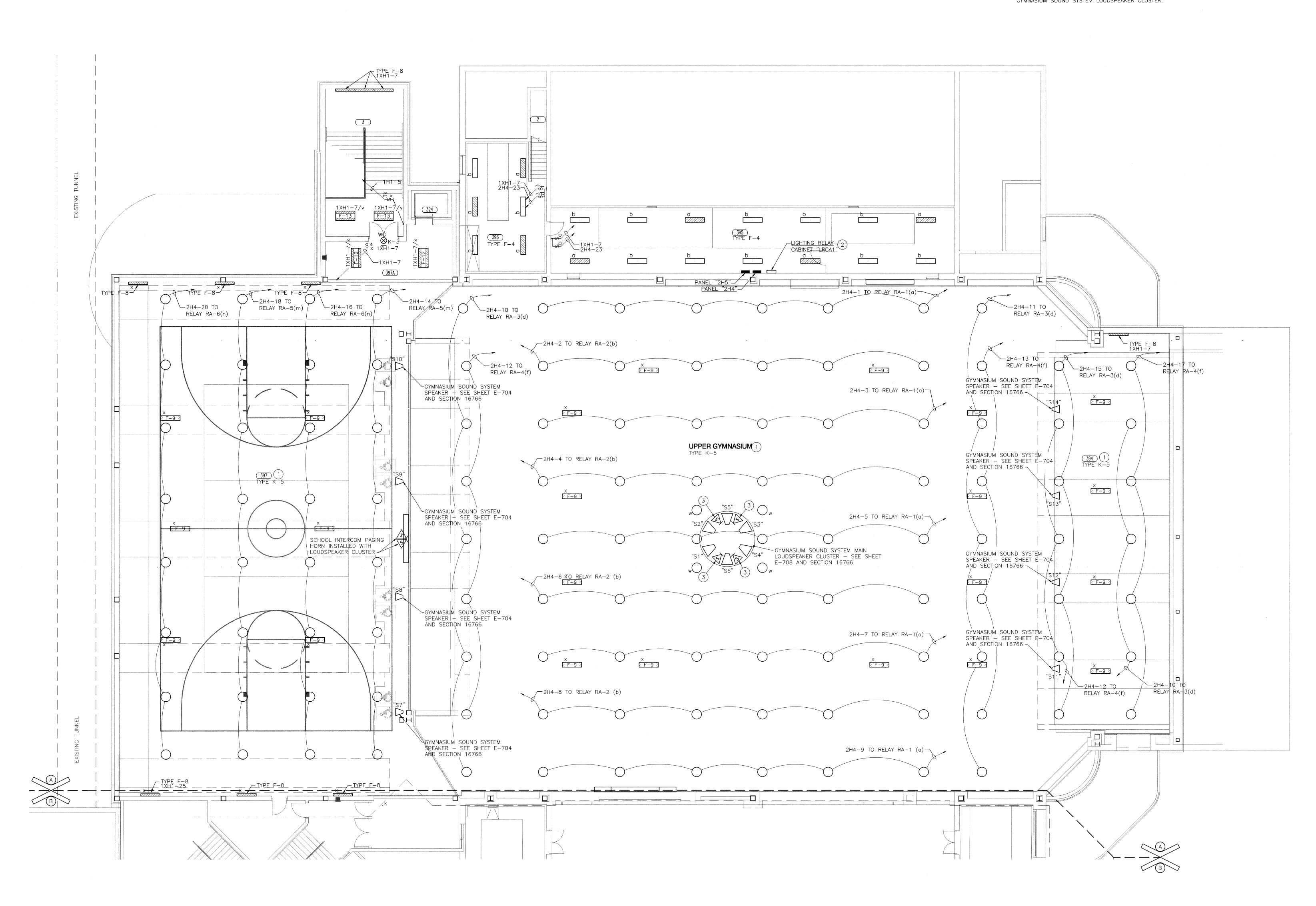
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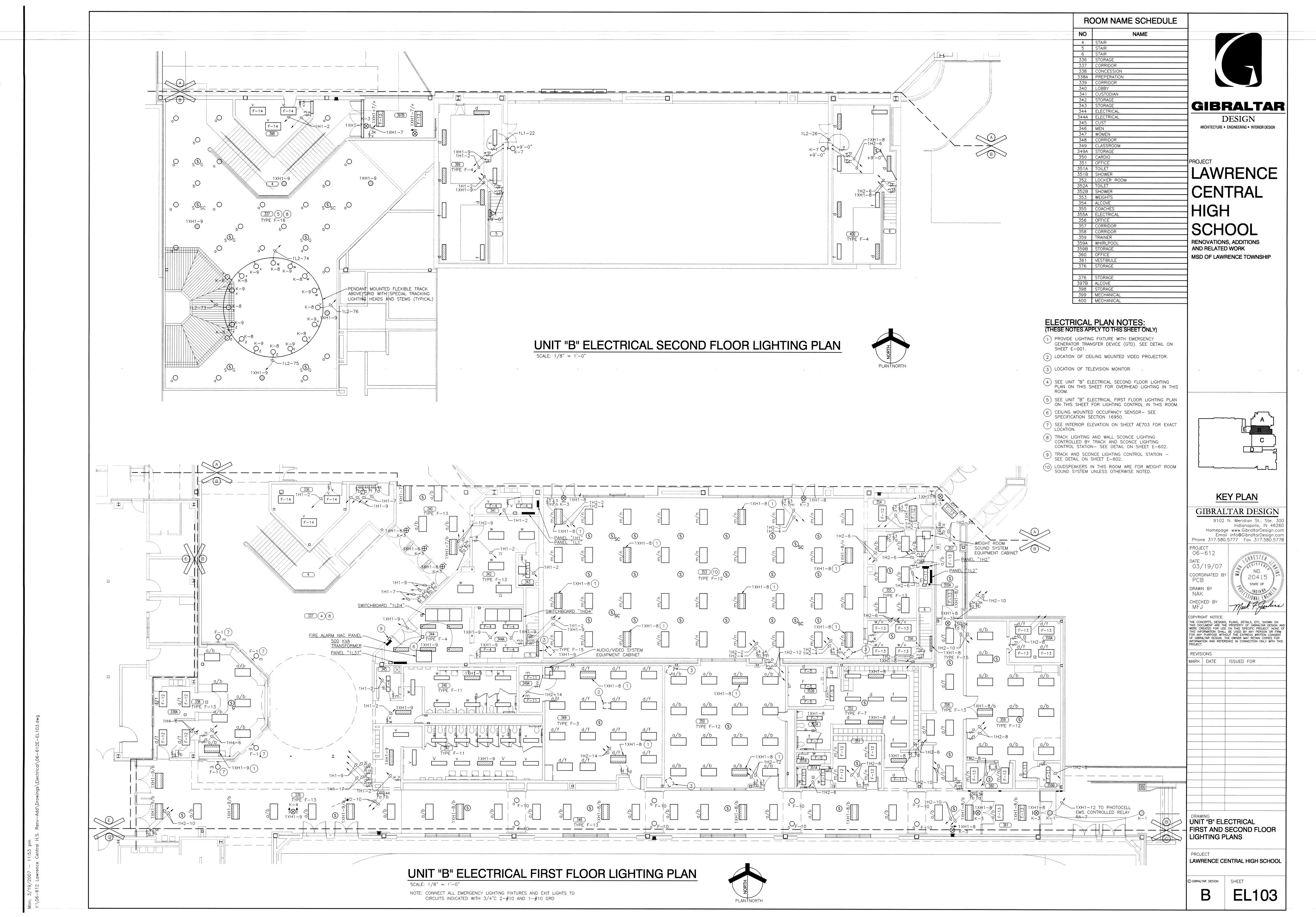
UNIT "A" ELECTRICAL SECOND FLOOR LIGHTING PLAN

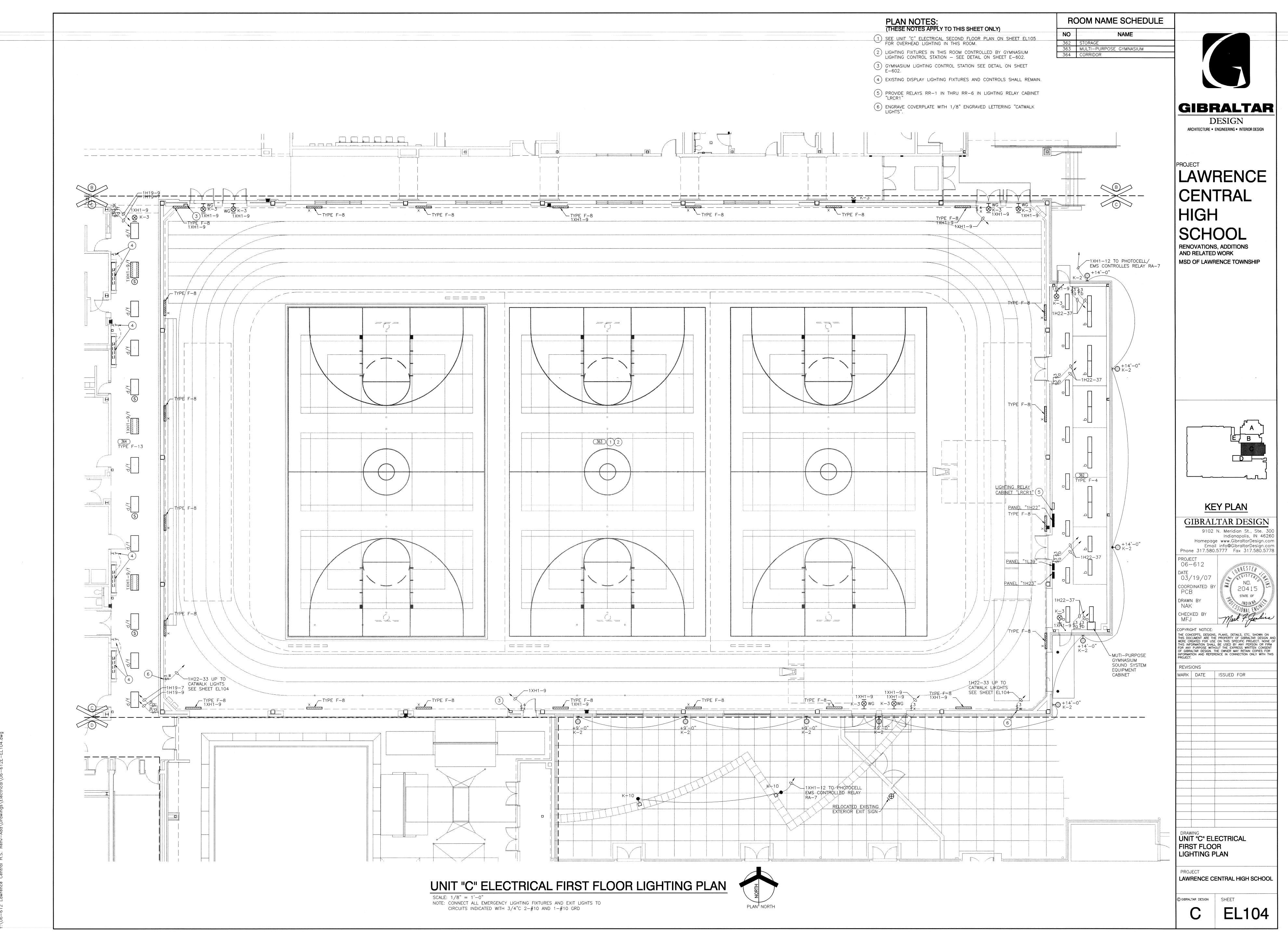
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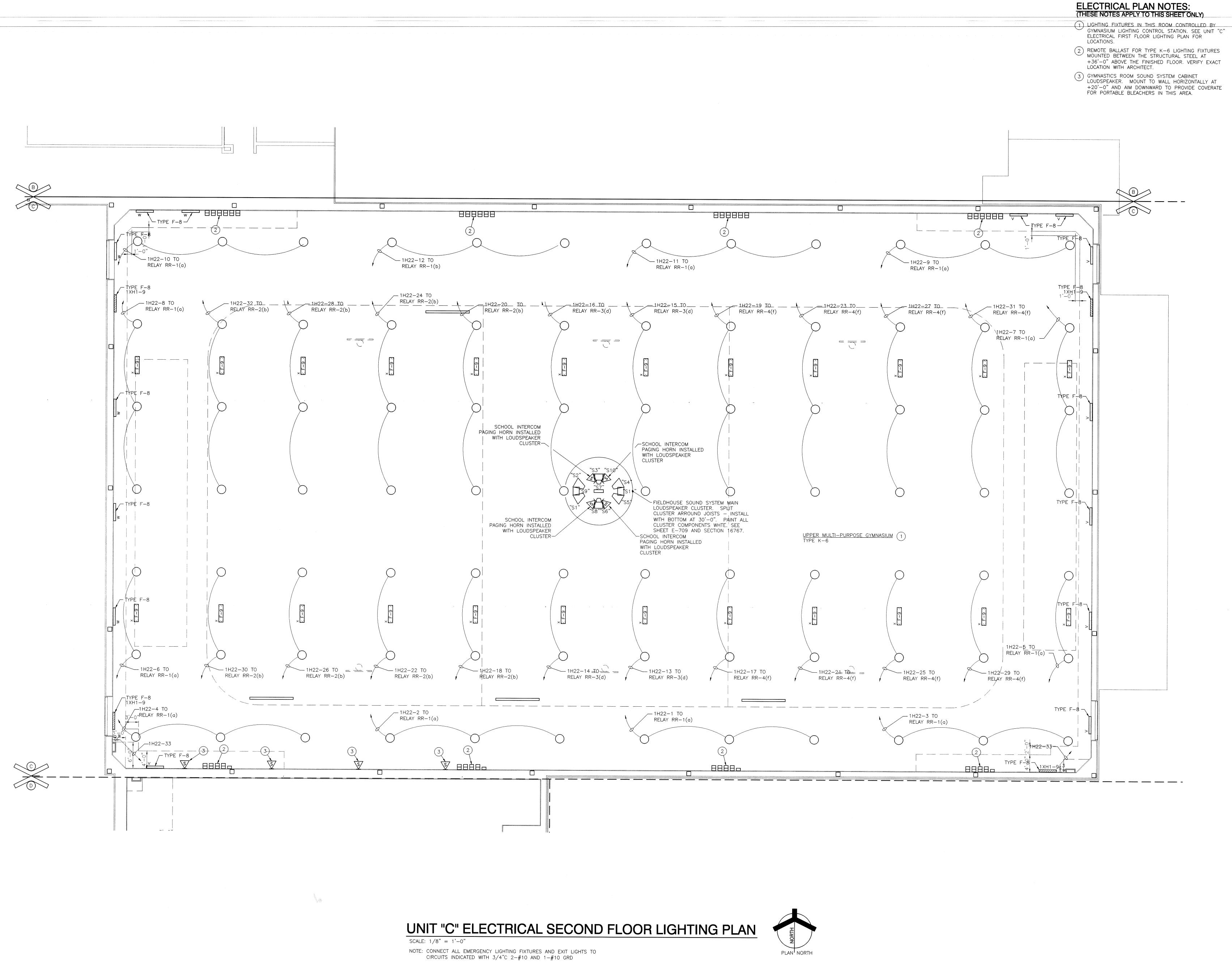


NOTE: CONNECT ALL EMERGENCY LIGHTING FIXTURES AND EXIT LIGHTS TO CIRCUITS INDICATED WITH 3/4"C 2-#10 AND 1-#10 GRD





Tue, 3/20/2007 — 12:22 am

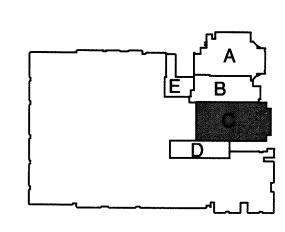


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UNIT "C" ELECTRICAL
SECOND FLOOR
LIGHTING PLAN

PROJECT
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EL105

ROOM NAME SCHEDULE NO CLASSROOM 368 CLASSROOM GYMNASTICS 371A STORAGE

w F-97

UPPER GYMNASTIC 3 4 7
TYPE K-6



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3 SEE UNIT "D" ELECTRICAL FIRST FLOOR PLAN ON THIS SHEET FOR CONTROL OF LIGHTS IN THIS ROOM. 4 INSTALL OVERHEAD LIGHTING FIXTURES IN THIS ROOM SO THAT THE BOTTOM OF THE LIGHTING FIXTURES ARE EVEN WITH THE BOTTOM OF THE JOIST.

SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK MSD OF LAWRENCE TOWNSHIP

(5) LOCATION OF CEILING MOUNTED VIDEO PROJECTOR. (6) LOCATION OF TELEVISION MONITOR. 7 LOUDSPEAKERS IN THIS ROOM ARE FOR GYMNASTICS ROOM SOUND SYSTEM UNLESS OTHERWISE NOTED. INSTALL LOUDSPEKAERS SO THAT THE BOTTOM OF THE LOUDSPEAKERS ARE EVEN WITH THE BOTTOM OF THE

SHEET E-001.

ELECTRICAL PLAN NOTES: (THESE NOTES APPLY TO THIS SHEET ONLY)

1 PROVIDE LIGHTING FIXTURE WITH EMERGENCY GENERATOR TRANSFER DEVICE (GTD). SEE DETAIL ON

2 SEE UNIT "D" ELECTRICAL SECOND FLOOR LIGHTING PLAN ON THIS SHEET FOR OVERHEAD LIGHTING IN THIS

-1H22-40 TO

1H22−41 TO

└1H22-44 TO RELAY RR-6(b)

RELAY RR-6(a)

RELAY RR-7(b)

UNIT "D" ELECTRICAL SECOND FLOOR LIGHTING PLAN

√sSC



└1H22-39 TO

└1H22-42 TO

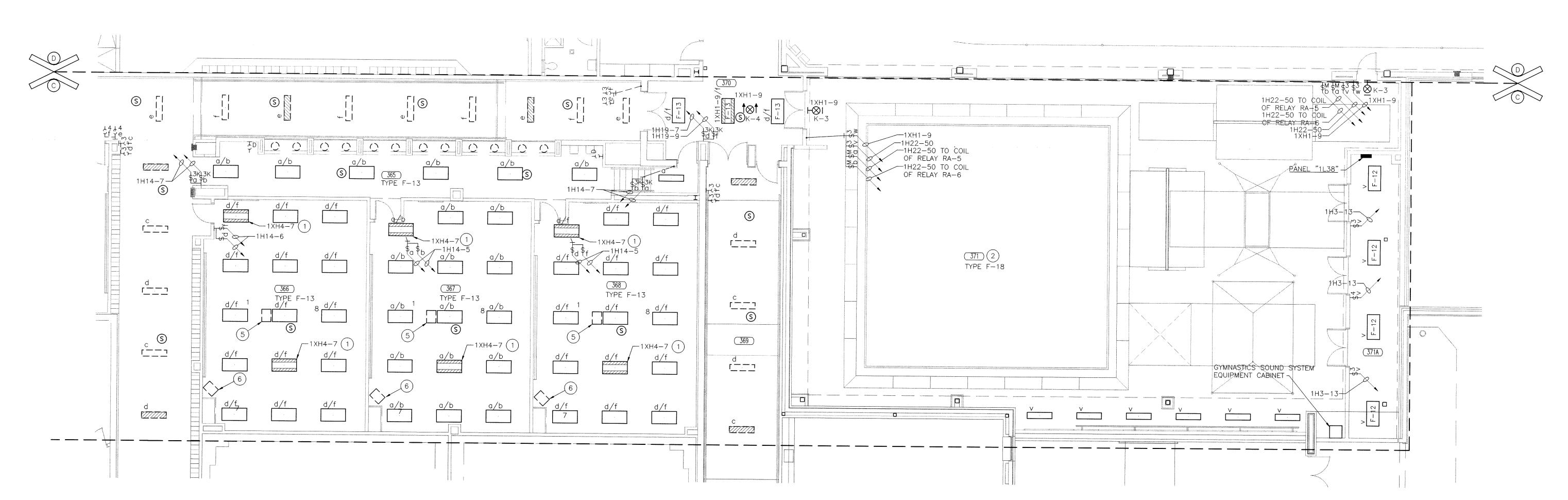
└─1H22─43 TO RELAY RR-5(a)

`-1H22-46 TO

RELAY RR-6(b)

RELAY RR-7(b)

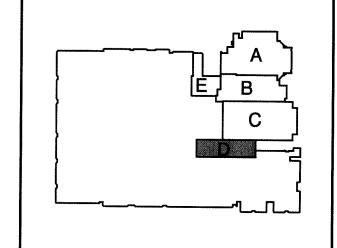
RELAY RR-6(a)



UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN SCALE: 1/8" = 1'-0"

NOTE: CONNECT ALL EMERGENCY LIGHTING FIXTURES AND EXIT LIGHTS TO CIRCUITS INDICATED WITH 3/4"C 2-#10 AND 1-#10 GRD





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UNIT "D" ELECTRICAL FIRST FLOOR AND SECOND FLOOR LIGHTING PLANS

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ELECTRICAL PLAN NOTES: (THESE NOTES APPLY TO THIS SHEET ONLY) 1 CONNECT NEW LIGHTING FIXTURES TO EXISTING CIRCUITS AND CONTROLS.

ROOM NAME SCHEDULE NAME 375 RECEIVING 376 STORAGE 377 TELECOM 378 OFFICE 379 STORAGE 380 SPRINKLER
381 COMPACTOR 382 ELECTRICAL 383 LOUNGE 384 LOUNGE 384A TOILET 385 OFFICE
386 REHEARSAL
387 PLATFORM 388 STORAGE 389 UNIFORM

390 UNIFORM
391 PERCUSSION

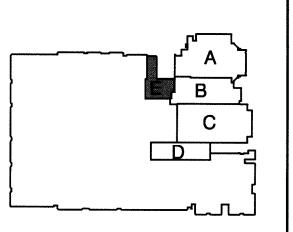
393 ENSEMBLE

392 LARGE INSTRUMENT

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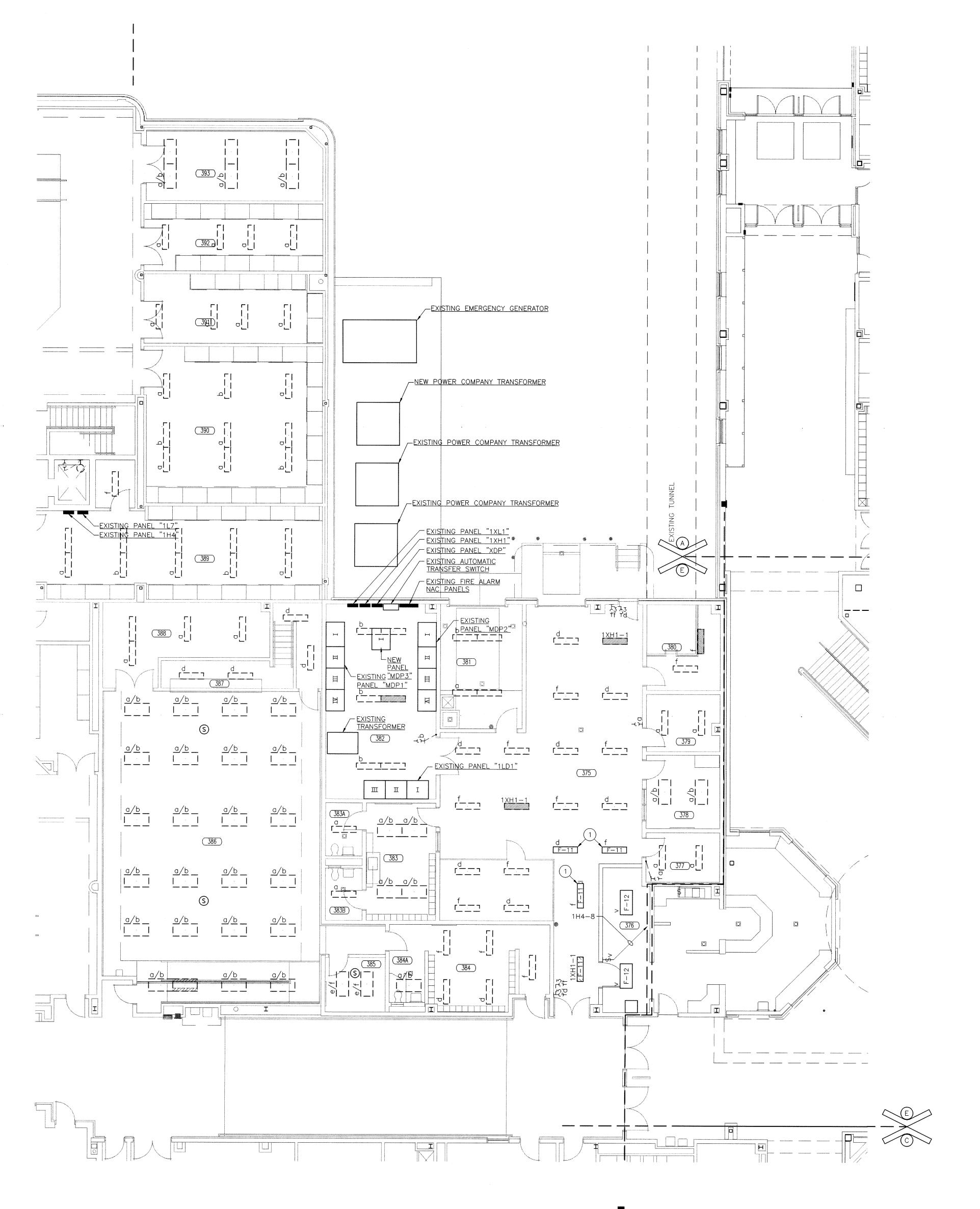
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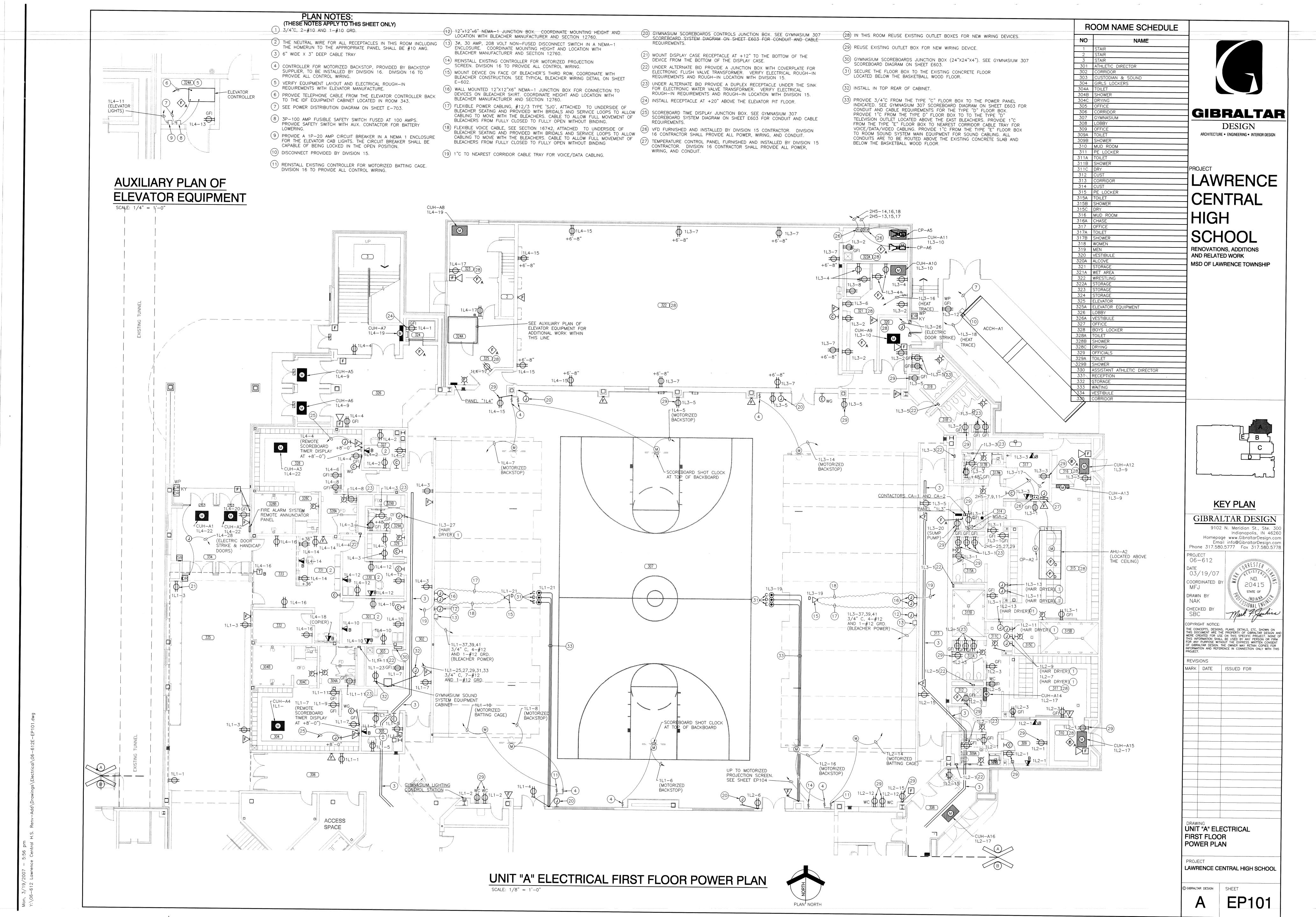
DRAWING UNIT "E" ELECTRICAL FIRST FLOOR LIGHTING PLAN

LAWRENCE CENTRAL HIGH SCHOOL

GIBRALTAR DESIGN







PLAN NOTES: (THESE NOTES APPLY TO THIS SHEET ONLY)

(1) IN THIS ROOM REUSE EXISTING OUTLET BOXES FOR NEW WIRING DEVICES.

2 CONTROLLER FOR MOTORIZED BACKSTOP, PROVIDED BY BACKSTOP SUPPLIER, TO BE INSTALLED BY DIVISION 16. DIVISION 16 TO PROVIDE ALL CONTROL WIRING.

1L4-25^{_]}

WIRING, AND CONDUIT.

373 (1)

EXISTING RELOCATED SCOREBOARD WITH

-1"C WITH SHOT CLOCK CONTROL CABLES TO SCOREBOARD JUNCTION

BOX LOCATED IN ROOM 303 - SEE

(SHOT CLOCK POWER)

"VENUS" MESSAGE CENTER ON TOP (+20'-0")

<u>PANEL "2H4"</u>—

1L4-21 F 2H5-20.

-1L4-30 (MOTORIZED

CURTAIN)

(+4'-6" ABOVE TOP

ROW OF BLEACHERS)

L1L1-38,40,42 3/4" C, 4-#12

AND 1-#12 GRD. (BLEACHER POWER) 1L4-24 (MOTORIZED BACKSTOP)

375

^L1L1-18

LOCATE ABOVE

(+4'-6" ABOVE TOP ROW OF BLEACHERS)

THE MEZZANINE -

2H5-8,10,12 3/4"C, 3-#10

(MOTORIZED

BACKSTOP)

1"C WITH SCOREBOARD

NEW AUXILIARY SCOREBOARD (+26'-6" ABOVE BALCONY

FLOOR TO TOP) —

(SCOREBOARD POWER)-

1L1-14

1"C WITH SCOREBOARD CONTROL CABLES TO

SCOREBOARD JUNCTION BOX LOCATED IN ROOM 303 - SEE SHEET EP101

CONTROL CABLES -

(6) UH-A2

3 12"x12"x6" NEMA-1 JUNCTION BOX. COORDINATE MOUNTING HEIGHT AND LOCATION WITH BLEACHER MANUFACTURER AND SECTION 12760. (4) 3ø, 30 AMP, 208 VOLT NON-FUSED DISCONNECT SWITCH IN A NEMA-1 ENCLOSURE. COORDINATE MOUNTING HEIGHT AND LOCATION WITH BLEACHER MANUFACTURER AND SECTION 12760.

5) VFD FURNISHED AND INSTALLED BY DIVISION 15 CONTRACTOR. DIVISION 16 CONTRACTOR SHALL PROVIDE ALL POWER, WIRING, AND CONDUIT. 6 TEMPERATURE CONTROL PANEL FURNISHED AND INSTALLED BY DIVISION 15 CONTRACTOR. DIVISION 16 CONTRACTOR SHALL PROVIDE ALL POWER,

> -1"C WITH SCOREBOARD CONTROL CABLES TO SCOREBOARD JUNCTION

SHEET EP101

(SCOREBOARD AND

MESSAGE CENTER)

~1L3-15

BOX LOCATED IN ROOM 303 - SEE

7) CONTROLLER FOR MOTORIZED CURTAIN, PROVIDED BY CURTAIN SUPPLIER, TO BE INSTALLED BY DIVISION 16. DIVISION 16 TO PROVIDE ALL CONTROL WIRING.

(8) FURNISHED AND INSTALL AS INDICATED IN SPECIFICATION SECTION 16734.

NO 3 STAIR 325 ELEVATOR 394 BALCONY 395 MECHANICAL
396 MECHANICAL
397 BALCONY
397A ALCOVE

_1L3-21 (+4'6" ABOVE TOP

ROW OF BLEACHERS)

ROOM NAME SCHEDULE

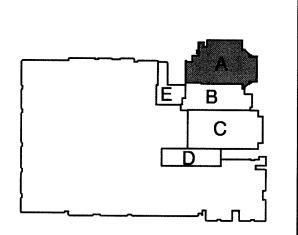


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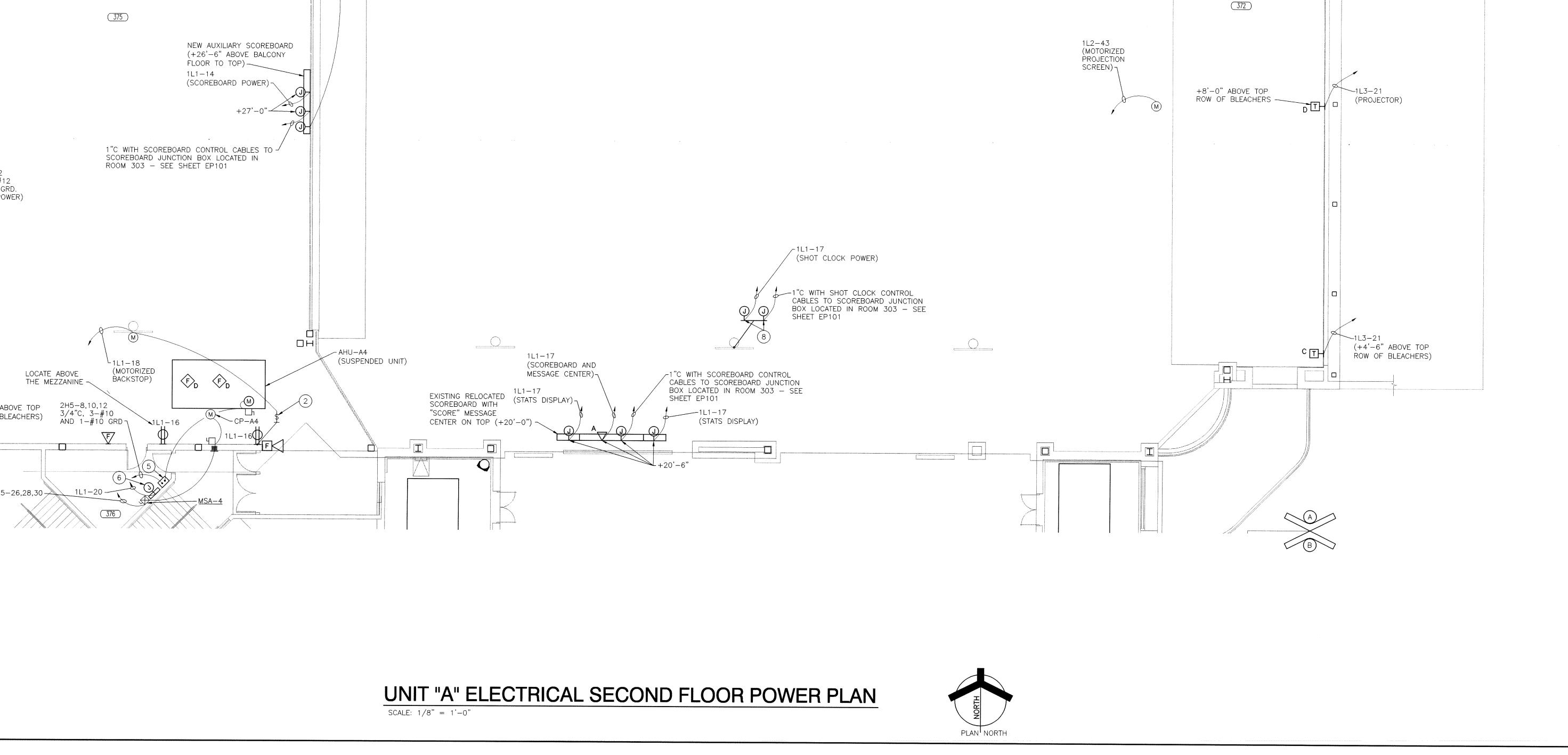
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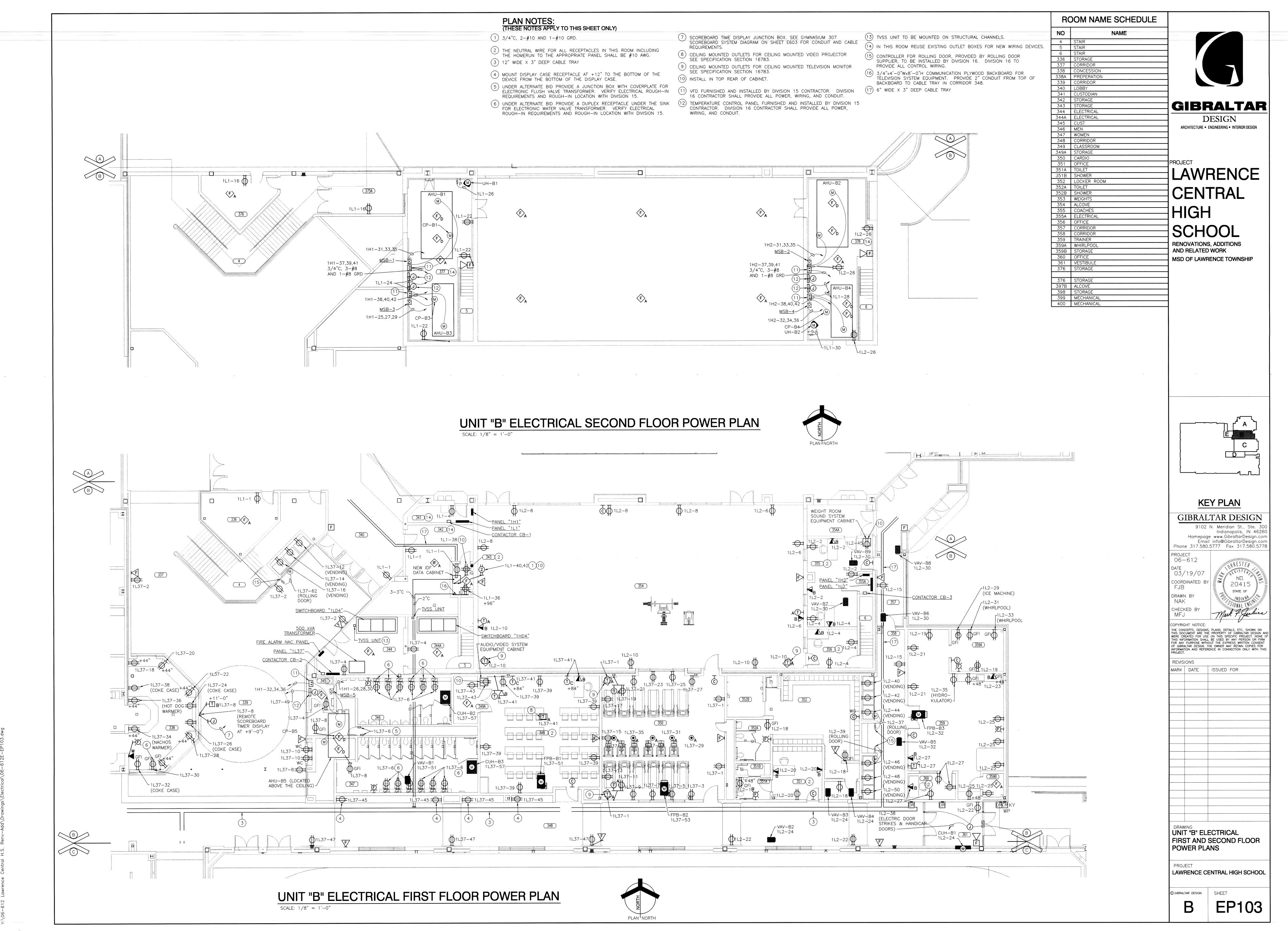
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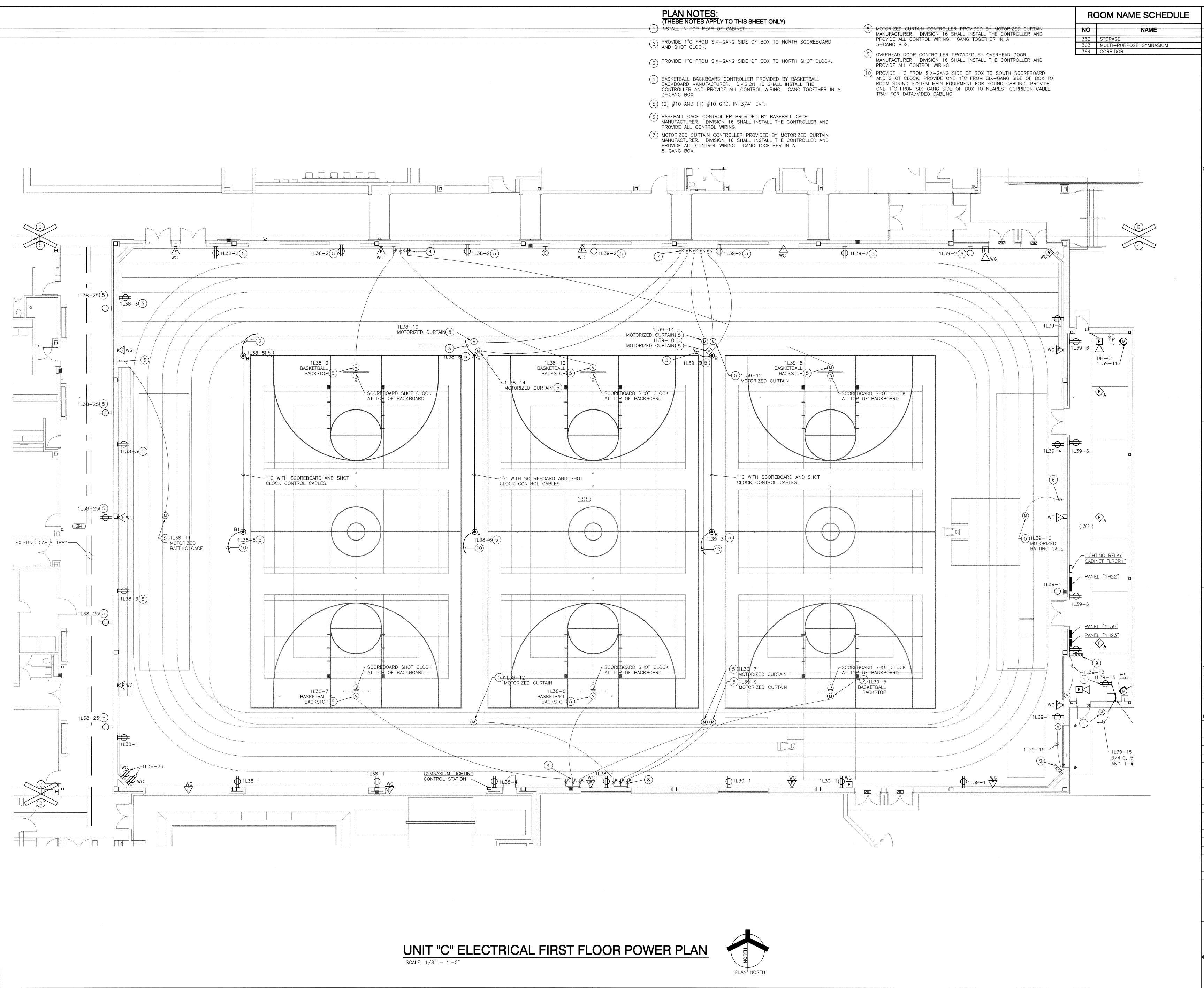
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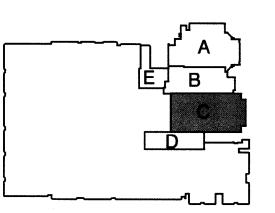
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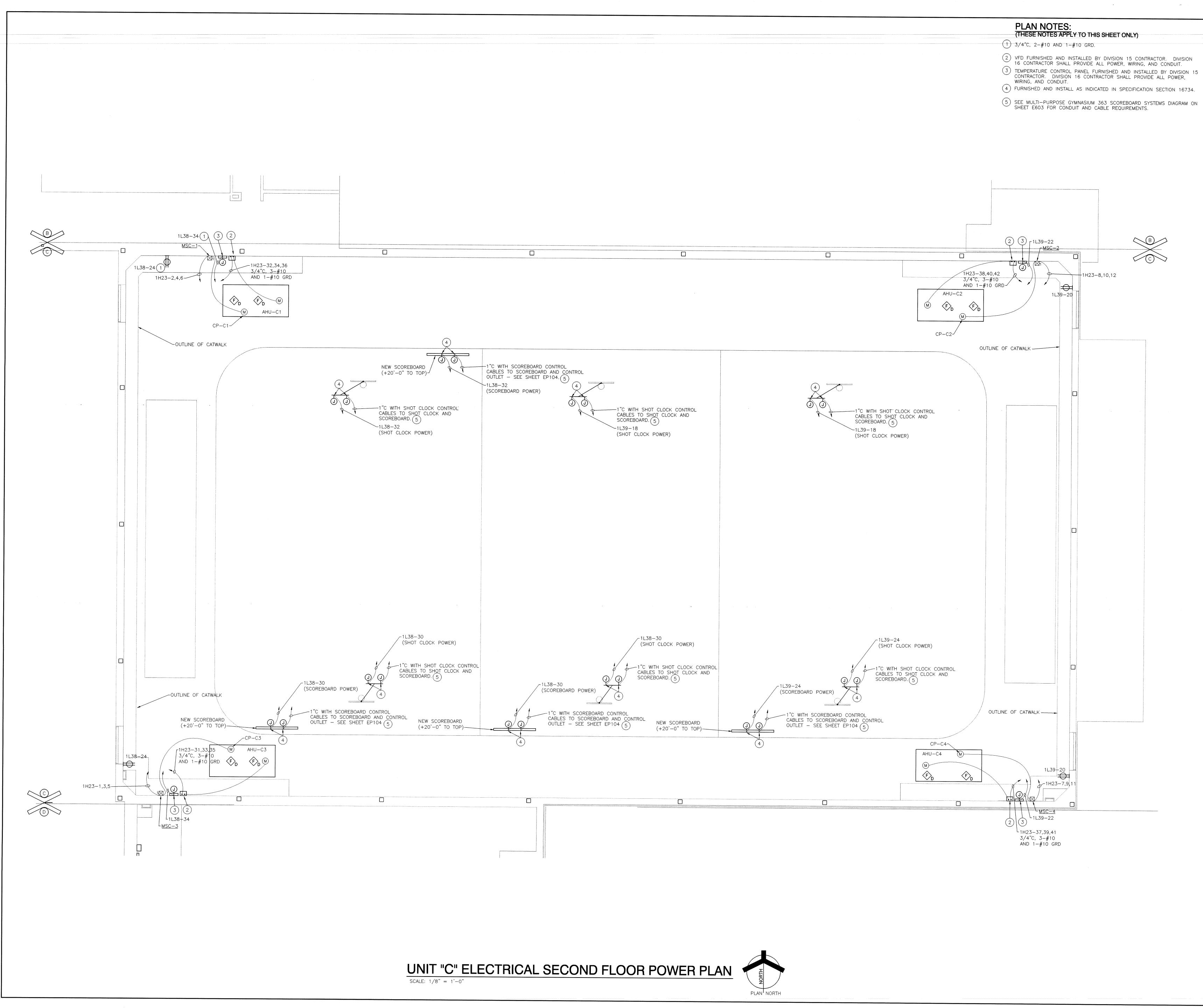
DRAWING
UNIT "C" ELECTRICAL
FIRST FLOOR
POWER PLAN

PROJECT

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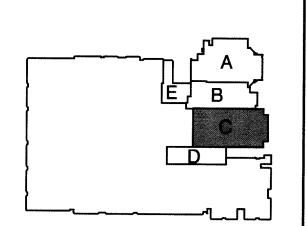


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EP105

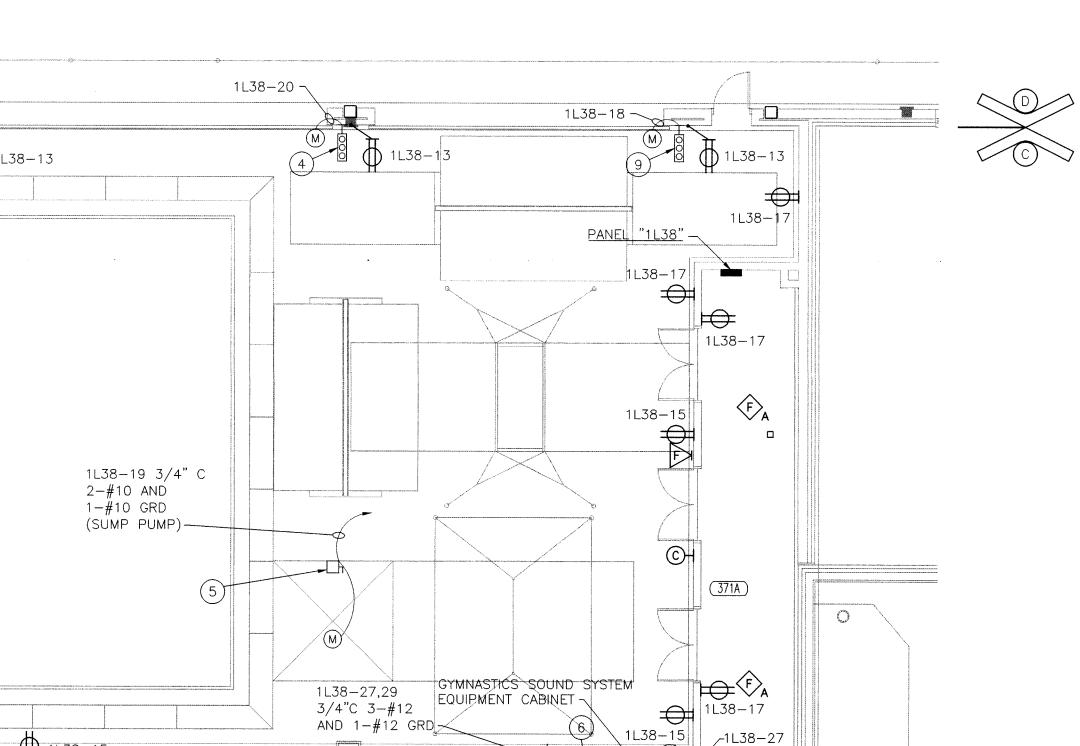
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SCALE: 1/8" = 1'-0"

1L38-13

⊢© 1L25−3 Ф

1L38−22 ¬



ROOM NAME SCHEDULE

NO	NAME
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366	CLASSROOM
367	CLASSROOM
368	CLASSROOM
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370	CORRIDOR

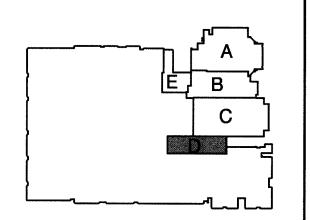


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ISSUED FOR

UNIT "D" ELECTRICAL FIRST FLOOR AND SECOND FLOOR POWER PLANS

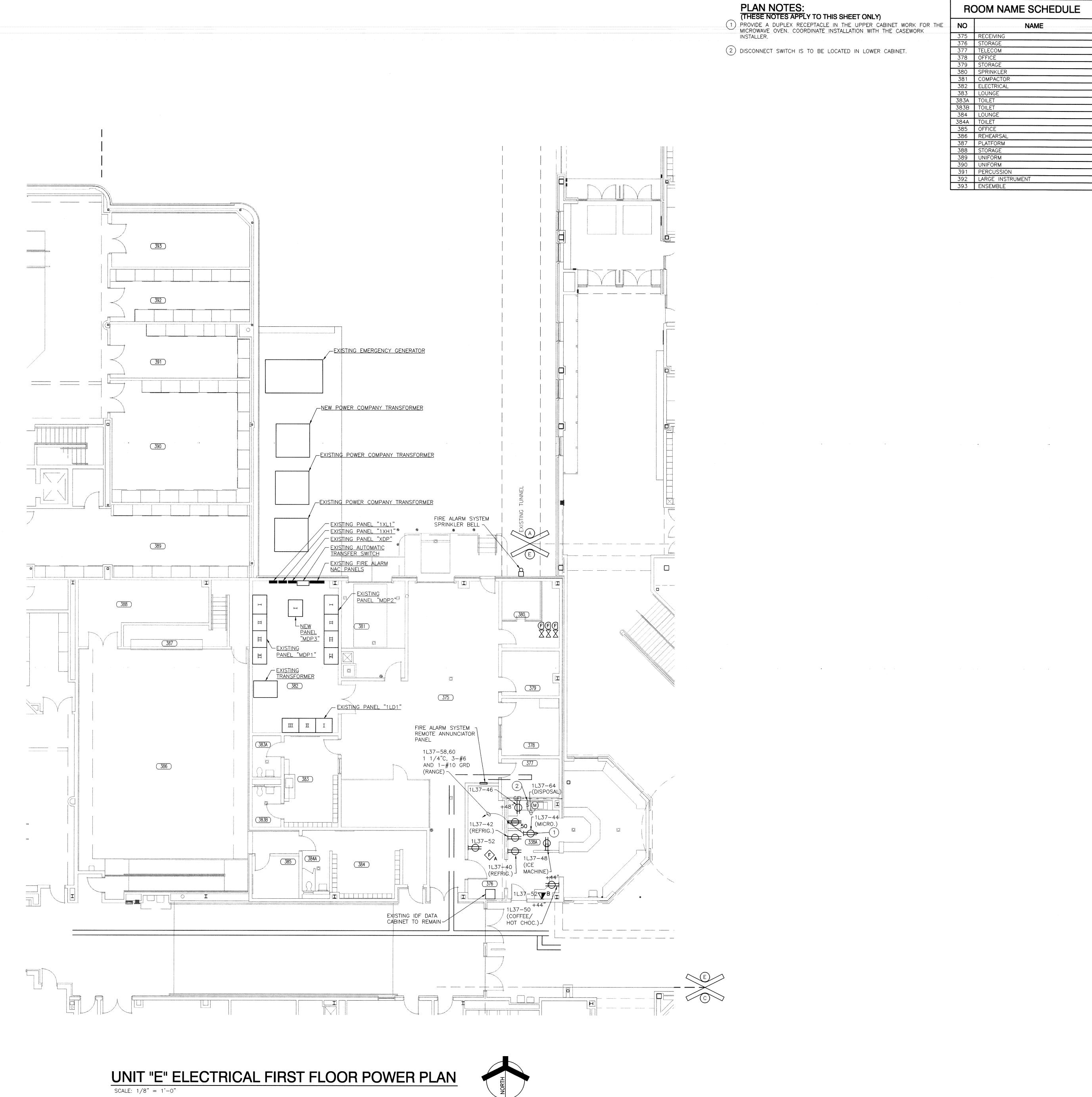
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UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN SCALE: 1/8" = 1'-0"

1L25-13





PLAN NORTH

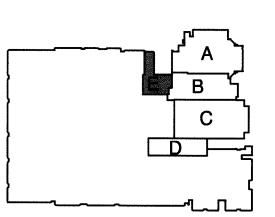
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POWER PLAN

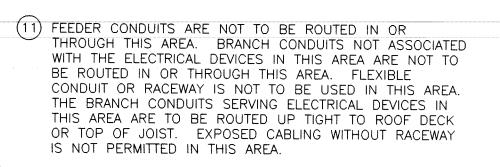
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EP107

- (1) NEW FIRE ALARM REMOTE ANNUNCIATOR PANEL.
- (2) EXISTING MAIN FIRE ALARM CONTROL PANEL. (3) EXISTING LAN DATA SYSTEM MDF EQUIPMENT CABINETS.
- 4 EXISTING SCHOOL PAGING SOUND SYSTEM MAIN EQUIPMENT CABINET.
- (5) EXISTING LAN DATA SYSTEM IDF-P EQUIPMENT CABINETS. (6) EXISTING LAN DATA SYSTEM IDF-N EQUIPMENT CABINET.
- 7) NEW LAN DATA SYSTEM IDF-S EQUIPMENT CABINET.

(8) EXISTING PANEL "1L25". 9 EXISTING CABLE TRAY ABOVE CEILING. (10) NEW CABLE TRAY ABOVE CEILING.

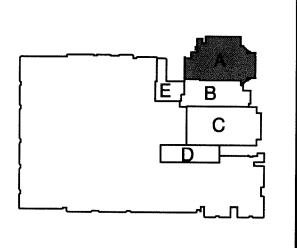




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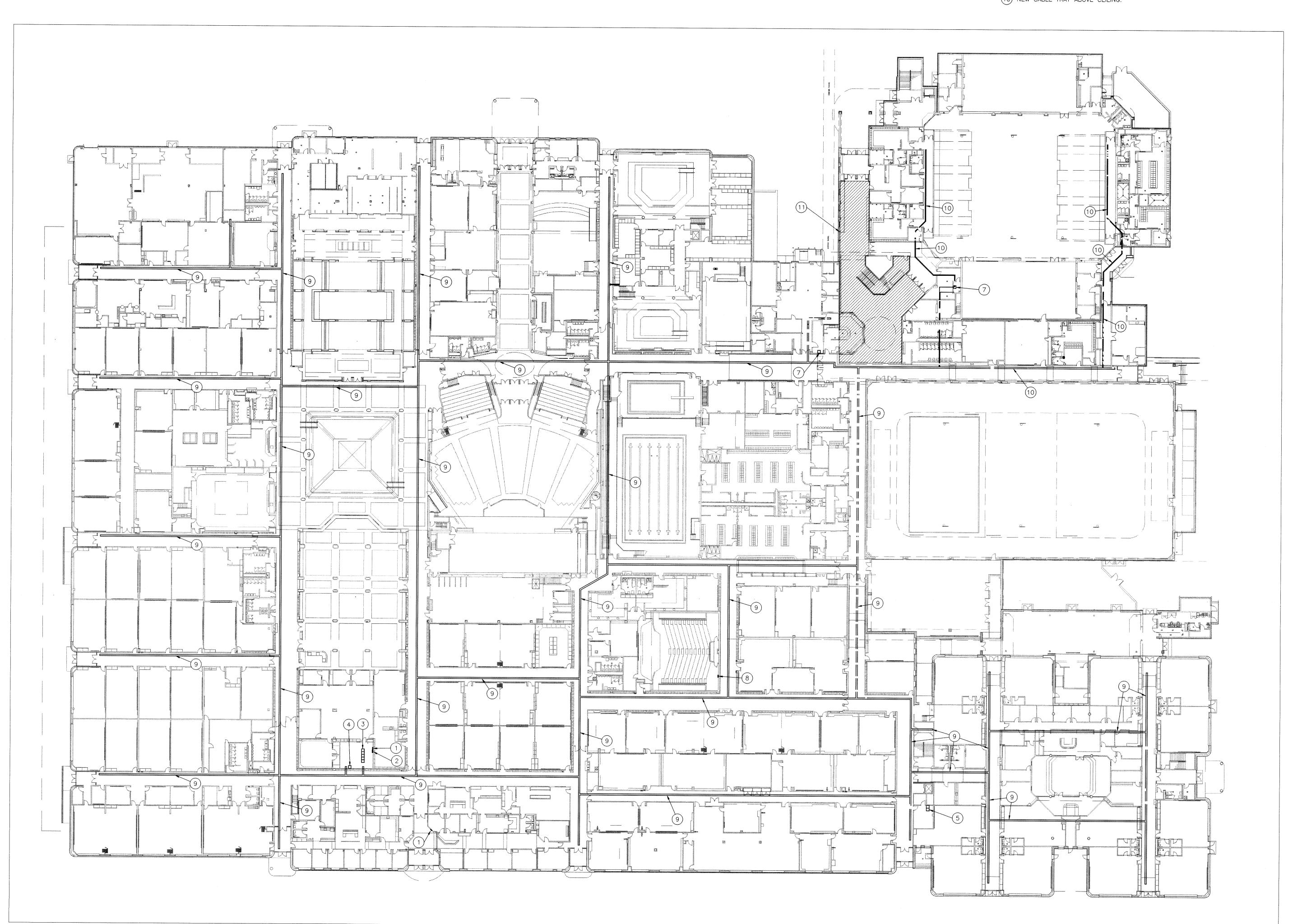
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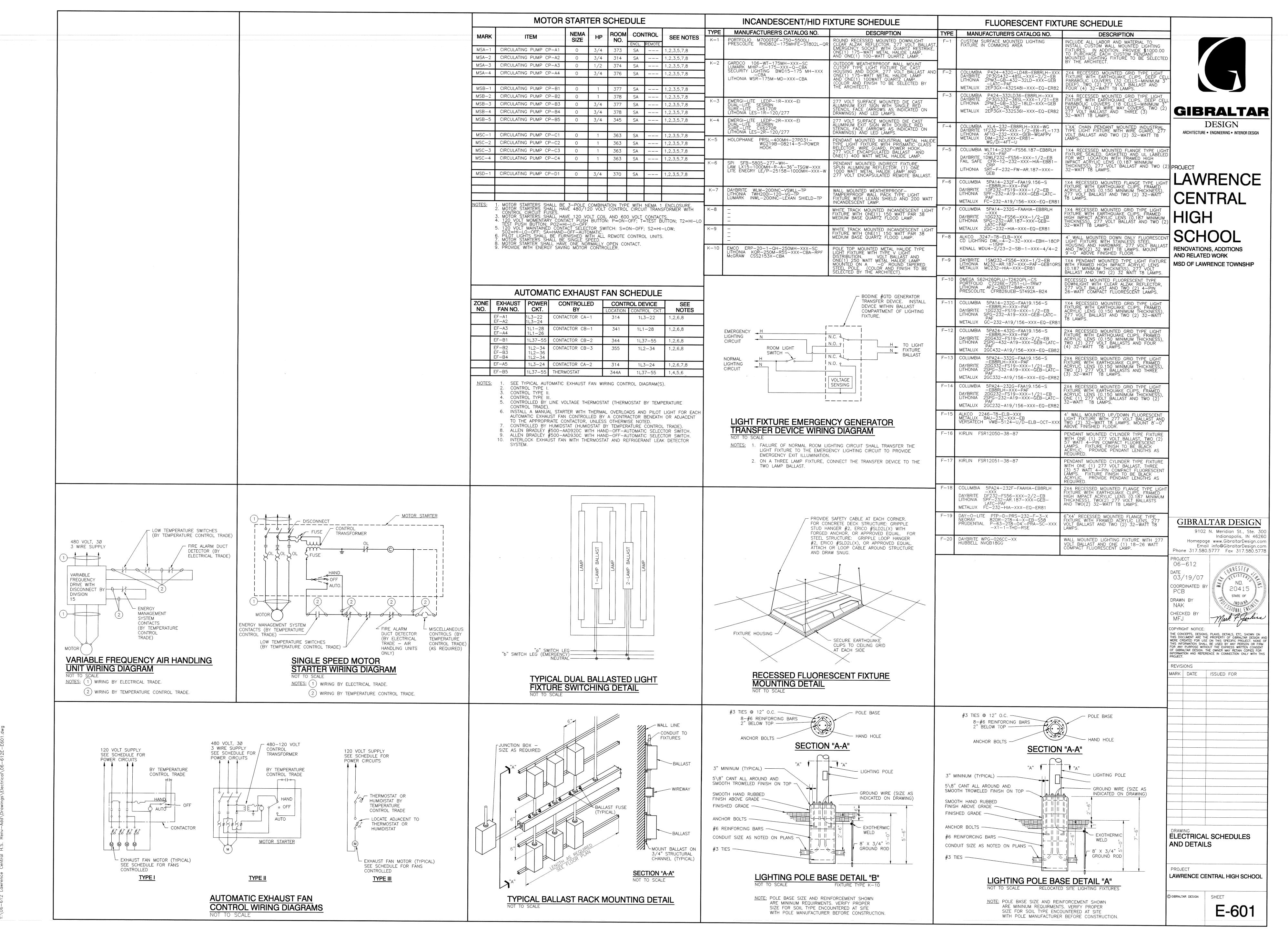
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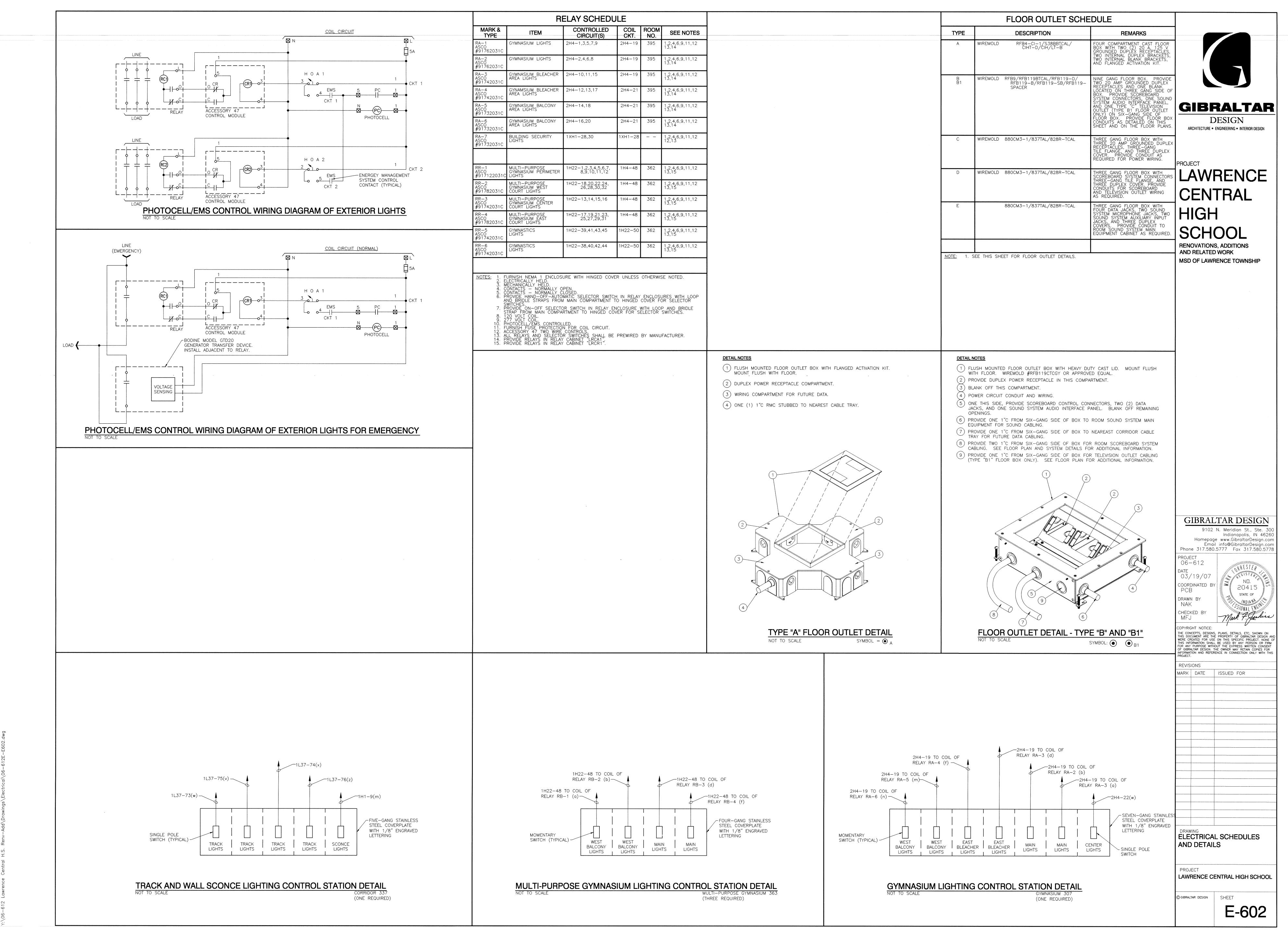
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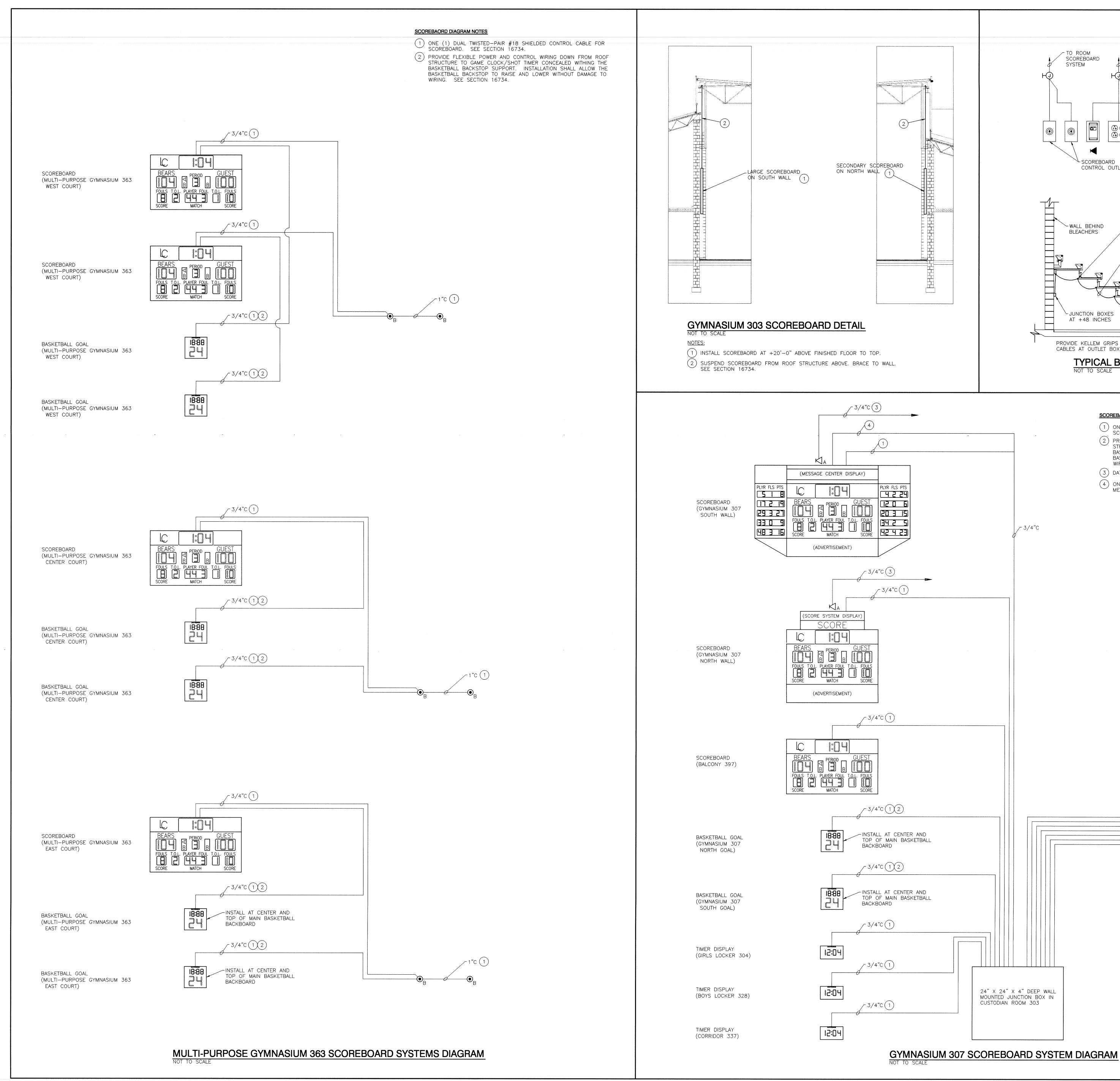


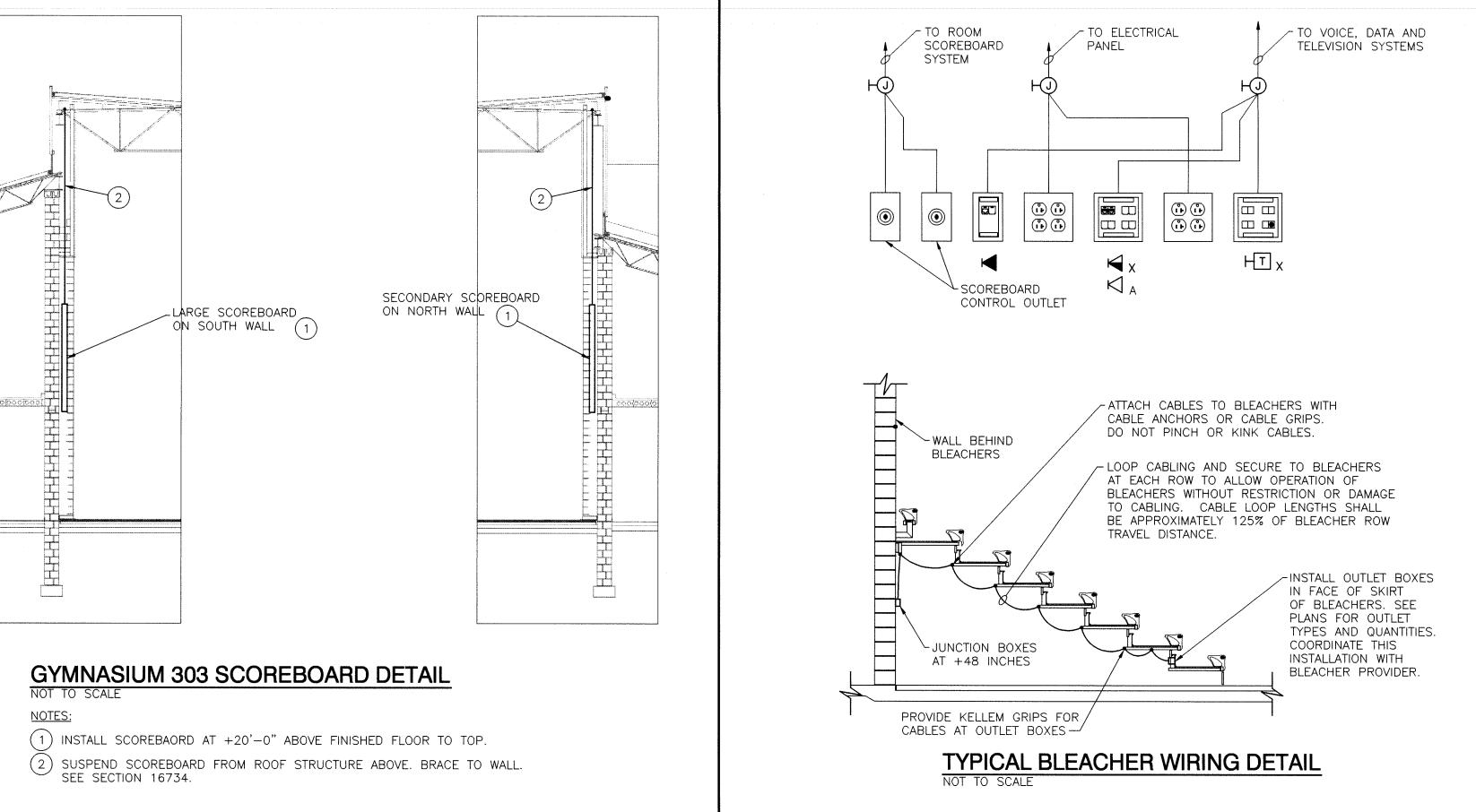


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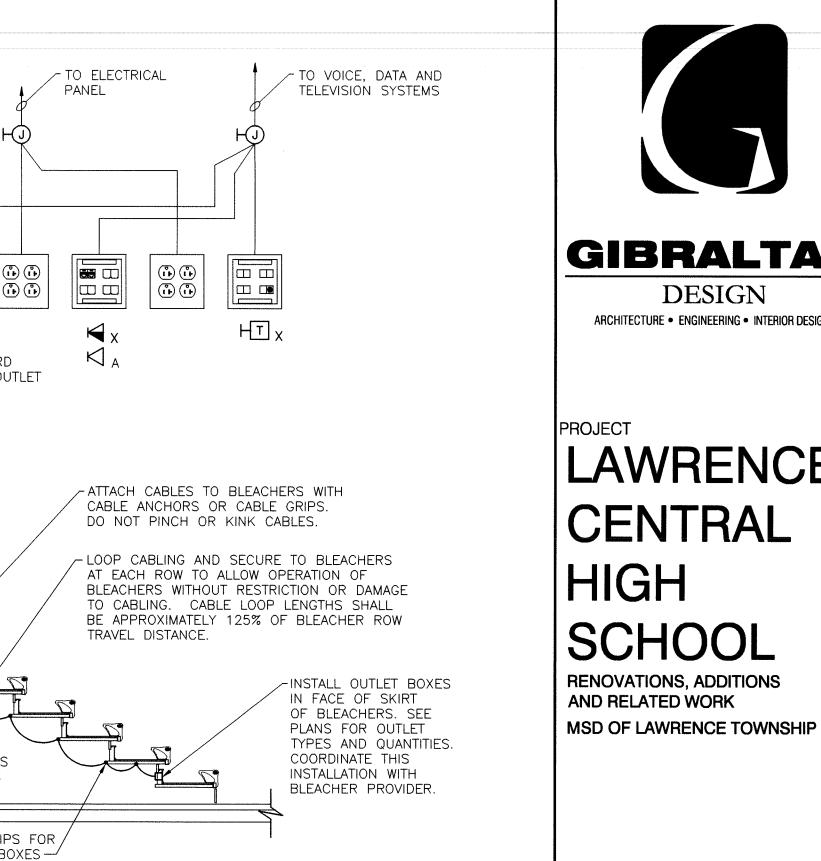
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_3/4°C

24" X 24" X 4" DEEP WALL MOUNTED JUNCTION BOX IN CUSTODIAN ROOM 303



SCOREBAORD DIAGRAM NOTES

WIRING. SEE SECTION 16734.

MESSÀGÉ CENTER. SEE SECTION 16734.

3/4°C (1)

_ 3/4"C(2)

ATHLETIC

GYMNASIUM 303

GYMNASIUM 303

GYMNASIUM 303

GYMNASIUM 303

-O_D GYMNASIUM 303

DIRECTOR 301

ONE (1) DUAL TWISTED-PAIR #18 SHIELDED CONTROL CABLE FOR SCOREBOARD. SEE SECTION 16734.

2 PROVIDE FLEXIBLE POWER AND CONTROL WIRING DOWN FROM ROOF STRUCTURE TO GAME CLOCK/SHOT TIMER CONCEALED WITHING THE

BASKETBALL BACKSTOP SUPPORT. INSTALLATION SHALL ALLOW THE BASKETBALL BACKSTOP TO RAISE AND LOWER WITHOUT DAMAGE TO

(3) DATA OUTLET WITH CABLE RUN TO NEW IDF-S IN STORAGE ROOM 343.

(4) ONE (1) TRIPLE TWISTED-PAIR #18 SHIELDED CONTROL CABLE FOR



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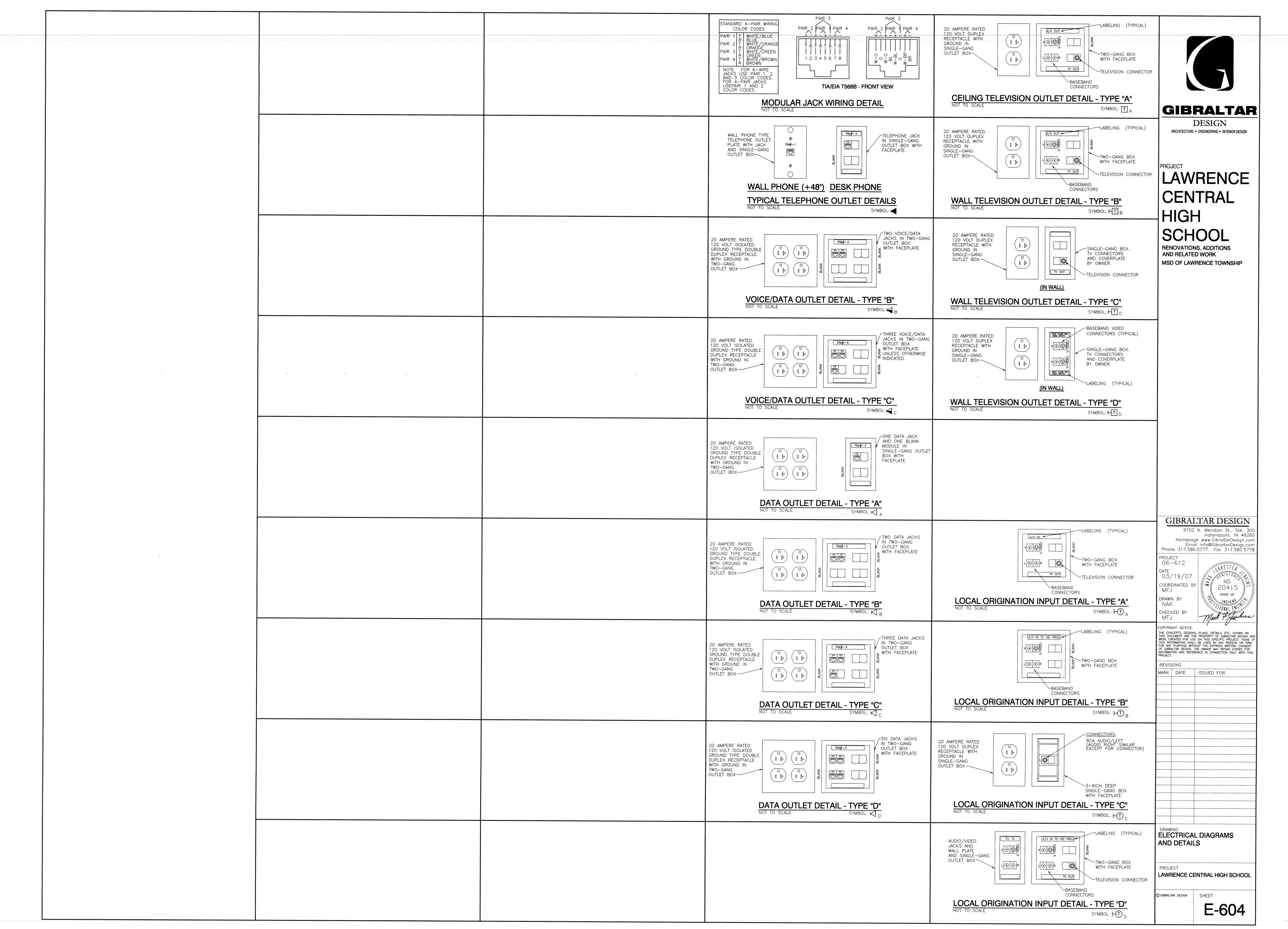
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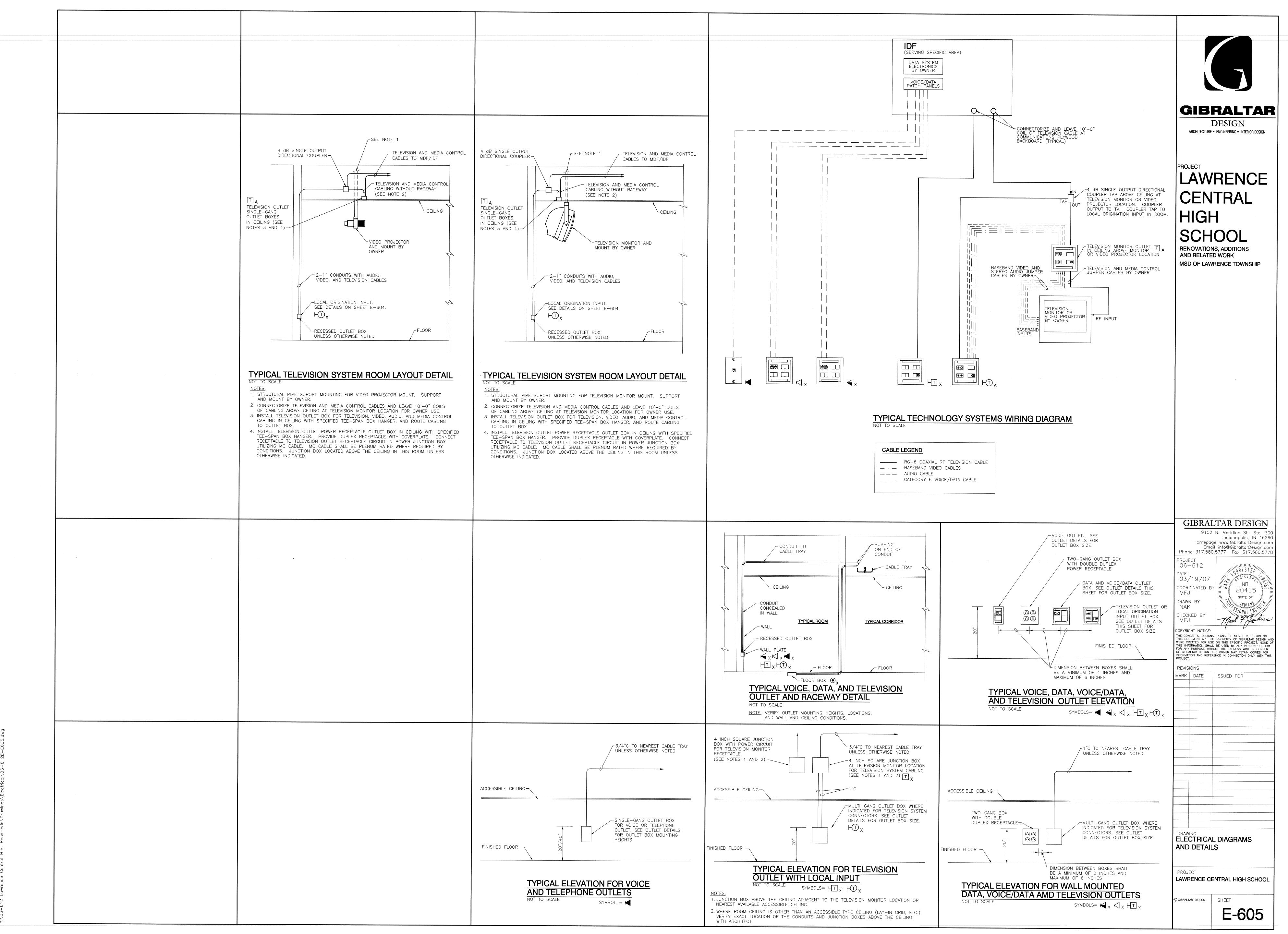
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Mon, 3/19/2007 - 6:47 pm

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TOTAL CONNE TOTAL DE						<u> </u>	24.86	24.55	20.42		42.99 42.99					

MARK & TYPE				REMA	RKS	·		-								
PANEL "1H22" - SECT	ION 1					UITS SH	ALL RF	CIRCUI	TBRFA	KERŚ		÷		-		
TYPE NF	. 1										MP INT	ERRUP'	TIMG C	APACI	TY - T	YPE EGB.
277/480V, 3 PH, 4W										ME HEIG						
225 AMP MAIN LUGS																
NEMA 1																
DESCRIPTION	CIR	POLE	TOID	LTS	per	EQUIP	r.	В	С	UEAT	A/C	IEI ITTO	POLE	TOUR	Cip	DECCRIPTION
JESCRIPTION 363 (RELAY RR-1)	۲۱۲	FULC	11737	113	REL	E WUIP	Д	Province:		HEAT	ب ريسم	FUIR	FULE	11415	باابد ا	DESCRIPTION
JGHTS	1	1	20	3,30			3,30									
, i	- Seriamentina e		Contraction of the Contraction o	germinent mass and consen	CACAMATRICA (SERVICE)		ALTON AND THE STREET	em vermenter		AMERICAN INTERNATIONAL	Maril Assument of the State of	Statistical consistency of the Statistics of the	alltruministellekostria	alterión meternin	s ermanum min	363 (RELAY RR-1)
				3.30			3.30						1	20	2	LIGHTS
863 (RELAY RR-1)	α,		46	~ ~~		un de la companya de		2.26								
JGHTS	3	1	20	3.30	Parmident, et ans assault			3.30			в,шарсци, подрытира	antichter 2005; North Colors (col	amii ominessadi	n bushusan mad	annsimilina	363 RELAY RR-1
				3.30				3.30					1	20	4	LIGHTS
863 (RELAY RR-1)			materia por 181	· · · · · · · · · · · · · · · · · · ·									a 1977 a 197			
IGHTS	5	1	20	2.20	***************************************		15:13:4		2.20			<u> </u>				
														-		363 (RELAY RR-1
363 (RELAY RR-1)		.50		2.20					2.20				1	20	6	LIGHTS
JIGHTS	7	1	20	3.30			3.30						Light VOC			
	2-32-W30	4			 	1										363 (RELAY RR-1
		10lp		3.30			3.30						1	20	8	LIGHTS
963 (RELAY RR-1)	_	- The state of the	cis air	No official												
IGHTS	9	1	20	3.30				3,30	1997		жшилонн			Good Comments		363 /DELAY CD 4
				3.30				3.30					1	20	10	363 (RELAY RR-1)
963 (RELAY RR-1)				4.44				Evidence:			Marriage sales in No. of State of the State					Hard Mark 1 1 1 mark
JGHTS	11	1	20	3.30					3.30			Larran				
									_					e de la constitutada	T. C.	363 (RELAY RR-1
	luncamire cons	in Stranga and a stand	umberkunistens vo	3.30	and the second second	and a medical distances of	Carriell Arcold in Final Column	Home	3 30		massemmi uncertau	anto a sustitui muurse.	1	20	12	LIGHTS
363 (RELAY RR-3) LIGHTS	13	1	20	2,20			2.20	kin bi								
urteer F. F. B. Pauli. L. Francia Control Control Landson Control Cont	7309	<u>'</u>		الماعدية			a.aV				Difference in the local		Euro Labro Labbónia	g seed no fill and a g	146 (5)	363 (RELAY RR-3
				2.20		III TORNOLOGI	2.20						1	20	14	LIGHTS
163 (RELAY RR-3)	Intro-Januari	pach to the term of the	ergennstation mariti		minimization continue			assecutation and His			iii Peidentaleuman 96	Selenterretten armite				The state of the s
JGHTS	15	1	20	3.30		-		3.30		 				101.0345		
	12094			3.30		O CONTRACTOR OF THE CONTRACTOR		3.30				-	1	20	16	363 (RELAY RR-3 LIGHTS
363 (RELAY RR-4)	00000000	243731		ليات. ك				3,30		 			TERRIE INS	20	10	LIOTIO
JGHTS	17	1	20	2.20					2.20							
														providentili etti	Para indi	383 (RELAY RR-2
	44-78-85 24-28-5	11.20 F.d.		2.20					2.20				1.1.	20	18	LIGHTS
XS (RELAY RR-4)	ا ميا	4	mun.	222									kää			
.IGHTS	19	1	20	3.30	THE THE WHITE		3.30	.				1	REPARTED A	70,000,000,000		363 (RELAY RR-2)
				3.30			3.30						1	20	20	LIGHTS
863 (RELAY RR-4)	- Taranta de la composito de l			framesmoresenesses	name of the summanion of	Programment name			Branjing an ta yangga	***************************************	MOTEO POR STATE OF THE PARTY OF	descar becomes some some some				
.IGHTS	21	1	20	2.20	innuntric statement in	amendessitet bioconstance		2.20	a di di water para para para para para para para pa		NOSETH I PERSONAL MODERNIS SENSON	and the constitution of th	i ja ja ja Jas antsinusa	and an inches		
				2.00				2 22								363 (RELAY RR-2
963 (RELAY RR-4)	ideald military	Andreas de la companya de la company		2.20	инимициалиния	DANGERH PATHURICANICA		2.20		!	ersa mucansansansansansa	- - - - - - - - - - - - - - - - - - -	1	20	22	LIGHTS
JGHTS	23	+	20	3.30					3.30	CWELLIAM		1		الحداث المتناث	LE.	
			(100 Section)	AUDICHERUS (MATERIA)	***************************************	TORON MEDICAL CURRENT					nevialiti tertenussustantici si	Process of sections in the section	perkera de			363 (RELAY RR-2
		AKIOSIA) ASI	Administration A	3.30	#19-00				3.30	Billicon			1	20	24	LIGHTS
963 (RELAY RR-4)		different in								COMPONE			1300000	iolio-rigini ki		
.IGHTS	25	t t	20	2.20			2.20			 			(1785) 149	idan sere		DELAY OF A
				2.20			2.20			n;nemman			1	20	26	363 (RELAY RR-2) LIGHTS
963 (RELAY RR-4)	proceeded Sud		natera (Lint)	44 - 44 full							recolo, interchineralia	 		r-andion	71594A	white arms is to are
.IGHTS	27	1	20	3.30				3.30					marg			
			ATA Institut ATA Institut								-					363 (RELAY RR-2
LEN PRO A S.F. PARS.			drace Adults	3.30	er-commat-reasean			3.30		 	Original and the second		1	20	28	LIGHTS
)63 (RELAY RR-4) LIGHTS	29	4	20	2.20					2.20			-				
.1%ET (Q	49	1	لاك	£.4U					2.£U							363 (RELAY RR-2
	n gill			2,20					2.20				1	20	30	LIGHTS
TOTAL CONNE	CIED	LOAD	(kVA)				35.20	37.40	33.00				Ī		-	
		-	ALLES	105.60	- merodusum marmus	T	- AND THE PROPERTY OF THE PARTY		: :	T	PORTURNING THE PROPERTY OF THE		1	ii.		

MARK & TYPE				REMA	RKS											
PANEL "1H22" - SEC TYPE NF 277/480, 3 PH, 4W 225 AMP MAIN LUGS NEMA 1 SURFACE MOUNTED	i		gildin van direktorije (d. 1900.)	BRANC CIRCUI	H CIRC	KERS S		AVE MI	MUM						ГҮ - Т	YPE EGB.
DESCRIPTION		POLE	TRIP	LTS	REC	EQUIP	Д	В	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
363 (RELAY RR-4)	+						T	1152 - 1514	l i i e et ze.		,,,,				O.E.	0.000 111 11011
LIGHTS	31	1	20	3.30			3.30									į.
								Habit			***************************************				ļ	363 (RELAY RE
				3.30			3.30	1					1	20	32	LIGHTS
SPARE	33	1	20	-		1					Markon and a state of the state		dinte to minter			
	- Page 1				ļ	_		and the second second					2	20	34	SPARE
362 LIGHTS	35	1	20			ļ			ļ			-				
SPARE	37	1	20		Ni-yresse::::::::::::::::::::::::::::::::::			4444		MICHIGAN PROPERTY OF THE		 	1	20	36	SPARE
OFARE	31	1				 	}						1	20	28	SPARE
363 (RELAY RR-5)	and the second	CHICKLE COLUMN STR	elater Humothio			n noncommenters	Gelf Ed.	rodunista pad paritora	Antinospianis union	NICHTEN INCOMENSATION	(III) legical control is consistent	was was carried	ministration aconcario del	esqueenmonism	indeministration Fig.	
LIGHTS	39	1	20	3.30				3 30					in the di a foregoid			
The state of the s						1	and in the part of		k hatala ja saa ja	erimoun, mar-rannon, a	Lentedoniary,	 		dimensile	o amin inishi	363 (RELAY RE
				3.30		THE PERSON		3 30					1	20	40	LIGHTS
363 (RELAY RR-5)	The speciments	exitetini minglishari			Sectorities and sectorities		to dividi	HARAH	بلاخريتها الإدامانسان	essengsa alian Labo palkinnabasi	nacominiano massam			-		
LIGHTS	41	1	20	3.30					3.30				10 M	4.2		
	100m															363 (RELAY RE
July, 1995, Sri. 1994, pros				3.30		ļ			3.30			1	1	20	42	LIGHTS
SPARE	43	disentantantan	20	ļ		ļ		er terrigo de de desalest.				ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		alam dalah salam dan		m=: #Un mn .
			17860.25													RELAYS RR-1 RR-4 CONTROL
	84.5		eriu.										•	20	44	CIRCUIT
SPARE	45	1	20	1		†		eroguania				1		20		CIRCOII
	2.57.35			1							WK TOWN COLUMN TO THE		1	20	46	SPARE
SPARE	47	1	20				Siries angene amprehen.				***************************************					AND DESCRIPTION OF THE OWNER, WHEN THE PROPERTY OF THE OWNER,
	MARIES Green 1971	i jan	A COUNT			1							1	20	48	SPARE
SPARE	49	1	20	- The state of the										4		
	11256	22.5	7 (M. 197)										1	20	50	SPARE
SPARE	51	1	20												agana.	
етполька питати попата него компонительного поставание обеспата на при поставание обеспата на при поставание обеспата на постава	12120			<u> </u>	TO THE PERSON NAMED IN COLUMN	-	<u> </u>			UNU-MASSAMMASSAMMAS	NAME OF THE OWNER OF THE OWNER.		1	20	52	SPARE
SPARE	53	1	20	Î.		-	ATTURNATED IN COLUMN TO STREET									CO. C.
SPARE		ad talas a tumbantu	20	- Lancador De Caraciones de Ca			PERMITTE CHEMICAL STATE		CHARLES TO SERVICE ASSESSMENT TO THE	mateum material material and	кальникима стири		1	20)4	SPARE
JIANE	J.)		_ £V	1					ti aliai alia di maliati di a		minimo dolaren ila es		1	20	E.	SPARE
SPARE	57	1	20				Š (Viji)	17 14 2 11 3				The state of the s	. District	e.V	100	OF CINE
many of the Tenut			435885									1	1	20	58	SPARE
SPARE	59	1	20													
	ocampanica:		- The state of the	***************************************	Oradiation feed wheel controls	Nation for despisations					mine-onexa-o-e	**************************************	1	20	60	SPARE

MARK & TYPE				REMA	IRKS			: :								:
'1H23''	:	 			H CIRCL	лтэ эн	ALL BE	CIRCUI	TBREA	KERS		**************************************				
YPE NF		harry are a		CIRCUI	TBREAM	(ERS S	HALL H	AVE MI	VIMUM :	MA 000,81	PINTE	RRUPTING	CAP/	4CI1	Y - T	YPE EDB.
77/480V, 3 PH, 4W]							-
25 AMP MAIN LUGS							<u> </u>									
IEMA 1																
SURFACE MOUNTED	: •	: \$15,000		Marca Marca and Marc					* ***********************************	; филомителено и или нефина	imazimanini iliy				101-111-111-111-111-11	
DESCRIPTION	CIR	POLE	-	LTS	REC	EQUIP	A	8	С		A/C	FUTR POL	ELT	(P	CIR	DESCRIPTION
2P-C3 (1 HP)	1	3	15		- nomusaminamina		0.58			Lucian morromanico de la composición del composición de la composición dela composición del composición de la composició	0.58	AND THE PARTY OF T		1410	120 - 120 -	<u></u>
CONTRACTOR OF THE PROPERTY OF	authoración e		November Assumed				0.58		بالمتحدد المتحدد		0.58	3		15	2	CP-C1 (1 HP)
And the second s	3	l.	la constant					0.58		<u> </u>	0.58	\$5340E0		in the left		
	5	Court of miles		enis deplementario de la company de la co		·		0.58	0.58	Barrer Commence of the Commenc	0.58 0.58	# 10 m	rubius		4	
NOT THE AMERICAN	3	2,57,92,1744	1000000				ļ		0.58	L	0.58	- Hillian	المراور		6	***
2P-C4 (1 HP)	7	3	15		-		0.58		U.56		0.58	10-H2	100		9	
eni≫essa £tinali	7427675	er en fabricasi	19				0.58		Hirian -	L	0.58	13		15	8	CP-C2 (1 HP)
Manager to the transfer of the factor of the contract of the c	9	فإناه المنحاط						0.58	kima di arabi mani	MANAGEMENT OF THE PROPERTY OF	0.58				w)	per we (1997)
A CONTRACTOR OF THE CONTRACTOR								0.58	l e		0.58	Made da en la		أوسادات	10	The second secon
The same of the sa	11		li alamsaja	resentimentali masarin					0.58	and the second	0.58	encare constant de la companya	+	13.50		medilikani meningan perakanan atau meda
- 11 m 1960 m									0.58		0.58				12	and the second sections of
:P-D1 (3/4 HP)	13]	15				0.45	buomanies est		commission of the state of the	0.45	and the state of t	a medicana	A THE STATE OF	ennementenne Galler (1997)	
			Marie de la									1 3		5	14	SPARE
The same that th	15					ac.t		0.45	ga jajudi urumata sa sa	escured morestures	0.45	annan menerana di sebagai pada pada pada pada pada pada pada pa	COLUMN TO SERVE	HAMILIAN IN		REPART on tellibility' effected to leave the descendent accomplete to the filter of
		Julianis (*	200									Jane State S			16	
And the second s	17								0.45		0.45	Î c				
												i			18	
vHU-D1 (7.5 HP)	19	3	20	ALC MANUAL COLUMN AND A			3.05				3.05			or.		
				is a manufacture and a								-	1	20	20	SPARE
H. C. and Communication of the	21		p ingus amanang					3.05			3.05	Billion Control			STREET,	
															22	
and the T	23			com unancentaries col					3.05		3.05	ji jerse		aintelle	interaction in later	
L. The sh74 FT	0.0000								SAMERICA SAME COME			1	70		24	
IPACE	25	3	ļ.,,,,,,						.	 						
	27											3	Tiles	97657	20	SPACE
And the second s	27			мисьыч ания анапад	Maria de Maria de Constantino de Constantino de Constantino de Constantino de Constantino de Constantino de Co	LOUIS CAMBINE			.				4	, iday	28	
	29												15		20	And the second s
Make a self-result - make - 1 make - 1 make - 1	Marin namena			T destablish of the of decomp	to 1881 to Sandhalf Salatataine	la "Antonial Manageria	an and Alexander		to handing with the Vision	<u> </u>		Jan 1970			30	
VHU-C3 (20 HP)	31	3	60				7.48				7.48				653150	
Comment of the Commen	8.7.7.8				PARAMETER STREET, LAND	oortee ootsteedersteeds kriitseed in	7.48	-	************	ennes ennes en encomment	7.48	3	1 6	0	32	AHU-C1 (20 HP)
Married Married Company of the Compa	33	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Charles Constitution					7.48		LL	7.48	ASSAS		2000	0.301282	The same are a light part of the light
	i i i i i i i i i i i i i i i i i i i	and the	igu snifti					7.48	****		7.48			i Landaria.	34	
The second secon	35								7.48		7.48	<u> </u>				emSchiolica, crea en 1991 a nom man
									7.48		7.48		1		36	All the property of the second
MU-C4 (20 HP)	37	3	60				7.48				7.48	6.556				
							7.48			A LICENSE DE LA CONTRACTOR DE	7.48	3	Įť	Ю	38	AHU-C2 (20 HP)
The second secon	39							7.48		<u> </u>	7.48	37 a a a a a a a a a a a a a a a a a a a		1	E de la composition della comp	and the second s
								7.48		THE RESERVE OF THE PROPERTY OF	7.48				40	The females of the second seco
The second secon	41			ecunin-screen assumina					7.48		7.48	654093				
CANCON DESIGNATION OF THE PROPERTY OF THE PROP				MANUAL PROPERTY OF THE PARTY OF					7.48		7.48	46			42	
TOTAL CONNE							35.74	35.74	35.74		07.22					
TOTAL DE	MAND	LOAD	(kVA)						Also too to t	1 1	07.22					

		TABLE	- 1 A -		NTRAL HIG	21 I L		V./ ba 1	2 18 8 pm proper 127, 1		Desc. 2007 120	Sun Sun.	
MARK & TYPE				REMA			:	:					
21-14"					H CIRCUITS SHAI						2 PM A PM	rano, a m	ts, ar gross, gross print, gross, gross,
YPE NF 77/480V, 3 PH, 4W				CIRCUII	BREAKERS SHA	ALL M	AVE MII	VIIVUM "	IB UOU AMP IN	IERRUP IING C	APAGI	Y =	YPE EUS.
25 AMP MAIN LUGS													
IEMA 1	<u> </u>												ļ
SURFACE MOUNTED	T miles	lata also a suo.	COMMENTS IN NOTE.	i Jarottu	alls also and I all ask I I to the	<u></u>	E au.	: 			maranananananananananananananananananana	upwarenen	
ESCRIPTION 07 (RELAY RA-1)	CIK	POLE	TRIP	LIS	REC EQUIP	Д	В	C	HEAT AC	FUTR POLE	IRIP	CIR	DESCRIPTION
IGHTS	1	1	20	2.77		2.77		. (1 p. 1 p. 1 p. 1 p. 1					
	50025055	35 mga 14.								Sin Contraction			307 (RELAY RA-2)
phone company at the property of the		121.007.300		2.77		2.77	energia de la composición dela composición de la composición dela composición de la			1 1	20	2	LIGHTS
07 (RELAY RA-1) IGHTS	13	•	20	2.77			2.77						
										- F. S.		Print name	307 (RELAY RA-2)
				2.77			2.77			1	20	4	LIGHTS
07 (RELAY RA-1) IGHTS	5	1	20	2,77				2.77	4				
NOT I I G	5.0		- 20	2.11				2.11		1000			307 (RELAY RA-2)
				2.77			9.16	2.77		1	20	6	LIGHTS
07 (RELAY RA-1)	***	a	44	2.77		A 19.10				7.756	1 00000		
IGHTS	7	1	20	2.11	12.00	2.77							307 (RELAY RA-2)
	Lin			2.77		2.77				1	20	8	LIGHTS
07 (RELAY RA-1)				J						Constant of the constant of th			
IGHTS	9	1	20	2.77			2.77			0.00 (15.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	DESCRIPTION OF STREET		307 (RELAY RA-2)
				2.30			2.30			1	20	10	LIGHTS
O7 (RELAY RA-1)		-1 -11 -11 -11 -11	 		7		w					İ	
IGHTS	11	1	20	2.30				2.30			Lan		
				1.84				1.84		1	20	12	307 (RELAY RA-2) LIGHTS
07 (RELAY RA-1)				1.04		and demin	***********	1.04			20	1 4	Envolute:
IGHTS	13	1	20	1.84		1.84	r v Leingerich			1 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
									;				307 (RELAY RA-2)
07 (RELAY RA-1)	al (Eloc	Str. no. (A) (Apr	es i ce i tron	3.68		3.68	11/25/41/20		; 	1 1	20	14	LIGHTS
IGHTS	15	1	20	3.22			3.22		0	1,1000		1. 3	
					i i						-		307 (RELAY RA-2)
07 (RELAY RA-1)				3.68		1311	3.68			1	20	16	LIGHTS
IGHTS	17	1	20	3.22				3.22		1 7 FE			
					1					100000000			307 (RELAY RA-2)
				3.68				3.68		1	20	18	LIGHTS
RELAYS RA-1 THRU RA-3 CONTROL										1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
PRCUIT	19	1	20							erani "Right		i de la composición dela composición de la composición dela composición de la composición de la composición dela composición dela composición de la composic	
	2000 CONTRACTOR (0.00)		Transfer and		TOTAL TOTAL THE STATE OF THE ST	W. CONTHIUMS DIAH	ent matter train	44 W 44 W 4	en vidde Militaren Eusen ar en er ekkel i gjeden de forovetter regeteroksiv E		-		307 (RELAY RA-2)
насофиятом наиментом и поставления по поставления по поставления по поставления по поставления по поставления п	in islaati Sioonaaninei	Application of the state of the	o sylvianisi Maaksonomini	3.68	Martin III MARTIN LITARET, AND THE AND	3.68	entre tellem materials		ophiamissmunenhinginuninhinosses	1	20	20	LIGHTS
RELAYS RA-1 THRU RA-3 CONTROL									o ordina kura	na gas	devic-	4 11.57242	
ROUT	21	1	20						Company Con	para 950 aliant	de la de la		
				1.85			1.85				20	22	307 LIGHTS
, 395,396 LIGHTS	23	1	20	0.96				0.96		11.6.2 Separati	militar Ma		SPARE
PARE	25		20			Hulterbroken ma	Scalars III sys		филонизмины в адаго фил ом изменительных		20		
	i de la	Shora								1	20	26	SPARE
PARE	27	ar Coltanic Contain 1	20				- CONTRACTOR CONTRACTOR			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Javana Javana		
раке	29	6 (146) - (8) 4	20	ecument messerve		upadaşı və					20	28	SPARE
s m 1 hau	4.9		44							1 1	20	30	SPARE
PARE	31	1	20			CHIPCHERICA			automorphic conference and a conservation	# 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Englisher		
PADE		er menus en			I NUITTIIR NUUTAA AMALA SAATII VARTII KANTII TARKA AAAA	partura.	en a certan continues a fa	rgenium ayran set amani	Managamana malakan na masawa i		20	32	SPARE
PARE	33	1	20								20	34	SPARE
PARE	35	1	20			we waive			улгания життин артауы өң өң өң аң аң аң ақсынан		# W 917/00/24		Testy, E. P. T. J. Tybes Referented address of the solution described decision and below the de-
		TOTAL FILES TOTAL FILES TOTAL	ofication.				kro-rusiraka	erajovana sonoso	Executa Constante de Internet Seminario	1	20	36	SPARE
PARE	37	1	20		<u> </u>						THE STATE OF	LOGS.	SDADE
PARE	39	1	20		ency make by a resolution of the second control of the second cont				enstrumentarion design in Status anni Arcas anne Ara		20	38	SPARE
			/41/10/2012/A		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1	20	40	SPARE
PARE	41		20		0.00 2.00 2.00			on comments of the comments of					
THE PROPERTY OF STREET			1000000	27.45	<u> </u>	10 AA	46.00	4 on to 7		1	20	42	SPARE
TOTAL CONNE	- IEL			57.18 57.18		0.28	19.30	17.54	l	1		1	

MARK & TYPE				REM	ARKS					(1)		,	 		orali della come del transcrimi e resuma ti necessaria e mene e reconservamente.
"2H5"				BRANC	H CIRC	UITS SH	ALL BE	CIRCUIT	BREA	(ERS.				:	* · · · · · · · · · · · · · · · · · · ·
TYPE NF				CIRCUI	T BREA	KERS S	HALL HA	VE MI	IIMUM 1	18,000 A	MP INT	ERRUPTING C	APACI	TY - T	YPE EDB.
277/480V, 3 PH, 4W											: 	<u> </u>			
225 AMP MAIN LUGS													i Carrier and a	i .	
NEMA 1			e Land the second									<u> </u>		i Sometime	ego mane o e e e e e e e e e e e e e e e e e e
SURFACE MOUNTED	-	paneramental and			-	*	,		markan sumuk avus asa	******************	Çermentanan antroc a	-	Special control control	· p entonumuses	
DESCRIPTION	CIR	POLE	OPERATOR DESIGNATION OF THE PERSON NAMED IN COLUMN 1	LTS	REC	EQUIP	Jennstammententententententen	В	C	HEAT	A/C	FUTR POLE	TRIP	CIR	DESCRIPTION
AHU-A1 (7.5 HP)	1	3	20				3.05				3.05	133353		Property 2	
regression mention const. To construct an arrange construction construction and service (fill section).		district and in the same	annias exception d		potatos en la la companya de la comp	n illum shakesta a challing ma	2,10	and the same of th	ray Arma Malaysian w	MENTER LINES CONTRACTOR	2.10	3	15	2	AHU-A3 (5 HP)
The same of the sa	3	S irectory	Mineral Control	ļ		ļ		3.05			3.05			<u>Lucio</u>	and the second of the second o
est consist account to the left should be be seen to the constitution of the constitut	l-	e a secondar aloga	andria de la compansión d	con un marter man,	p orestorace acres	escura)economica sociono	************	2.10		прынинания предпект	2.10	anasannas manas afficianas suse		4	
the Park of the Control of the Contr	5	Beveuz 19	Brown Colors		+				3.05		3.05		ļ	سيبا	
AHU-A2 (5 HP)	-	3	15	ļ		ļ	3 +6		2.10	***************************************	2.10 2.10			6	Annald the Marketon and Annald Street
niema (PTP)	7						2.10 5.82				5.82	1 3	40	4	AHU-A4 (15 HP)
the date of the first boundary of the first	1 9		mun,	ļ			J.U.	2.10			2.10	l constant	1 7		MILITARIA (15 UL.)
Mary Harmonian All Mary Mary Mary Mary Mary Mary Mary Mary		STANS AND	i deservation of					5.82		Service - Ordenia - Constitute	5.82			10	the same manager and a subject of the same of
and the original control of the second secon	11			 		†		V.44	2.10		2.10	le le comme	1700.50	i di	100 m. a. A. A. A
Annual Control of the		Marken personal according	et cenucean	encura in place de l'interessi in la	м ерершиненер от догова,	Para servanicki servania			5.82		5.82		and Kinn wester	12	and the second s
CP-A5 (7.5 HP)	13	3	20				3.05		gener 116		3.05	6.99			AMERICAN CONTRACTOR
, , , , , , , , , , , , , , , , , , , ,	March (entropolitica territor		demonstrative community	3.05	a are applicable as an	3 4 4 A 4 1 A 4 5		3.05	1 3	20	14	CP-A6 (7.5 HP)
The second secon	15							3 05			3.05				
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						Manager Manager			3.05		3.05	Lawrence Control		18	The second secon
CP-A1 (3/4 HP)	19	3	15				0.45				0.45	07/01/29011	1111	gyrin)	And the state of t
<u> </u>							0.30	A. Marie Committee Co.		PHI NOTAL AND STORES AND	0.30	3	15	20	CP-A3 (1/2 HP)
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	22 257	Gal mickels					per a després source p	0.30		HE A: WRESTER PTITLES	0.30			22	The state of the s
the same works and the same to a second	23					ļ			0.45		0.45				
Management to the latest of the House		4			T			atorini di manimi manimi milij	0.30		0.30		kii maa	24	
CP-A2 (3/4 HP)	25	3	15	ļ			0.45				0.45		-	-	Parties of a constant time.
	27	William Institution	and Order Annual	CONCRETE CONTROL CONTR	Mary Company		0.45	0.45		and the constitution of th	0.45	3	15	40	CP-A4 (3/4 HP)
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SPACE	31	3		-	-	+	A STATE OF THE STA				140 . "H 140"	\$25,792.75			The second secon
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		al occasion in the	odes tecestines				ľ					3	I.	38	SPACE
many a many parameters and a many many many many many many many ma	39				Į.							22 - 25 66 27 - 4 - 17 64 2 - 17 - 17 50 5			
	and an out	ilan line man	g-12.0r						ur fandingss					40	
Marketine and the second secon	41		Mary y Name						minnija yiki sa sa Kacidi	er Parant gegrafen bebereit		1052 975			
			75.19											42	The state of the s
TOTAL CONNE	CTEC	LOAD	(kVA)		l	1	20.82	20.82	20.82		62.46				



LAWRENCE CENTRAL HIGH SCHOOL RENOVATIONS, ADDITIONS AND RELATED WORK MSD OF LAWRENCE TOWNSHIP

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 PROJECT 06-612

DATE 03/19/07 COORDINATED BY FJB drawn by NAK

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REVISI	IONS	
IARK	DATE	ISSUED FOR

DRAWING PANEL SCHEDULES

PROJECT
LAWRENCE CENTRAL HIGH SCHOOL

© GIBRALTAR DESIGN SHEET

MARK & TYPE				REMA						PANEL			***************************************	***************************************	(************************************	
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120/208V, 3 PH, 4W			1							30,000 AN ME HEIGI					Y - 1	YPE (X)B-VH.
400 AMP MAIN LUGS			1							GROUN			ے مصانف			
NEMA 1						***				gi' toget trop over	for some					
SURFACE MOUNTED		description and the same		<u> </u>												
DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	А	В	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
GYMNASIUM SOUND															1	
SYSTEM EQUIP.			1			!		HINI B	1,000					1		
CABINET	31	1	20	ļ		1 00	1 00						<u> </u>			
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SPARE	35	1	20	 	 	 		b 1150	<u> Prilid</u> i	 			 	20	-34	SPARE
	nation and and	TOTAL HAS SERVICED IN	Programmen		0.36	ļ			0.36	an company of year				20	1 36	343 RECEPTS (2)
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				<u> </u>	<u> </u>	1.00	1.00	<u>Allani</u>					1	20	38	IDF CABINET RECE
	39	mint remembers and	all Contributed above siles	THE THE WAY IN THE TAX A STREET	Democratical pages	1.12		1.12				***************************************	-		-	1967 Part Charle Star 1 Francisco
* ' I			1				Hit St				-		-		 	IDF CABINET 208V
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Note that the second se	41	T. C. W. C. P. C. W. C. W.	All the second programme open			1.12		61 35 D	1.12							
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SPARE	43	1	20													
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SPARE		1	20	 		ļI			 				لتيل	30	100	l
SPARE	49	1	20			-		بمنطبخ	Appropriate Control	e			1	20	46	SPARE
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SPARE	51	1	20	 	 			<u>Actionals</u>		 			1	20	DKI	SPARE
er Printer	operation consumer	internation granes	айларыныныны	***************************************	PHONON PRODUCTION OF SEP	Kimanis man mesenga		to an over our man	in manufacture (white)	<u> </u>	TOTAL COMMENSATIONS OF		-	25	27	SPARE
SPARE	53	1	20					ALISTELL		 				4.4	-34	STARL
	он чининимеры	ununesia artemata	жименти	KIIIIII II	er azenzeroren ili.	n. r.u. ortowek bistian.				······································		a	1	20	54	SPARE
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and the first had the growth or process of the control of the cont									ASSET LEG			1	1	20	58	SPARE
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MARSIA O TSANE		1881/	LIV			ion c	OUL	<u>VL r</u>	PANELBOARD	осп	ヒレ	JLC	
MARK & TYPE				REMARKS BRANCH CIR		JALI DE	CIDOLI	TODEA	WE Par				·
YPE NOOD	ļ.								NEINS 10,000 AMP INTERRUI	PTING C	APAC	TY -	TYPE OOR
20/208V, 3 PH, 4W				CIRCUIT BRE	AKERS	FOR CIR	CUITS #	16 AND	#18 ARE TO BE GFI T				
125 AMP MAIN LUGS JEMA 1				PROVIDE PA	NEL WIT	HSEPA	RATE IS	OLATE	O GROUND BUS.				
SURFACE MOUNTED													
ESCRIPTION	CIR	POLE	TRIP	LTS REC	EQUIP	A	В	TC	HEAT A/C FUTT	POLE	TRIP	CIR	DESCRIPTION
14,315,315A RECEPT										### 015 1 0 d	en e	liga .	
<u> </u>	1	1	20	0.90	Water Street,	0.90							
16.317.3178 RECEPT				0.72	. 	0.72		0 32 40		1	20	2	320,321 RECEPT (4)
7)	з	1	20	1.26		31.64	1.26						
*** The state of t			May Selly		MS The Market of the Control of the				The state of the s	1	20	4	321 RECEPT (5)
07,313,318,319			.00.00							# 20 Cale (1) # 20 Cale (1) # 45 Cale (1)			
ECEPT (5)	5	1	20	0.90	1.00	· Printer a red to param		0.90		H De Silver Silver H De Silver Silve	20		321 RECEPT (1)
22 RECEPT (6)	7	1	20	1.08		1.08				ESSAN		, o	Jazi REGEPT (I)
			16.51		1.00	1.00		A THE STREET,	and the second s	1	20	8	321 RECEPT (1)
UH-A12,A13	9	1	20		×	4					1.85.03		
15 HAIR DRYER	11	1	30		2.30			2.30		1	20	10	CUH-A9,A10,A11
		inga i si	The second			In consense	1				divindada	-	
of the A with these sections of the con-				0.18				0.18		1	20	12	EXTERIOR RECEPT
15 HAIR DRYER	13	1	30	emple control to the second	2.30	2.30	ļ.,			0.0 H0296	Addition of the second	under der der	
		14 53			1.92	1.92				1	30	14	307 MOTORIZED BACKSTOP (1 HP)
07 SCOREBOARD	15	1	20	Weite it that is it come of the control of the cont	II In Control of the	4000				1.11.7		l Manu	DAONO TOP (TTTP)
			5. U. E.						and the state of t		**** ********************************	-	ACCH-A1 PIPING
17 TO PANEL	17	1	20		0.50		1.00	0.50		1	20	16	HEAT TRACE
1 1 1 1 1 1 2 2 1 1 4 2 3 1 4 2 3 1 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			AL N.F		29 - 1979	1		13, 1343			0.056500	7.0	ACCH-A1 HEAT
venera samuelmung progress operati. So se residence considere progress considere samuel	ija Harmalah	minutika ing			1.00	100000		1.00		1	20	18	TRACE
907 RECEPT (5)	19	1	20	0.90		0.90		Day 1970		113414			TOTAL THE PROPERTY AND ASSESSMENT OF THE PROPERTY AND ASSESSMENT OF THE PROPERTY AND ASSESSMENT OF THE PROPERTY ASSESSMENT OF THE
					1.12	1.12				1	20	20	314 SUMP PUMP (1/2 HP)
	-				1	112-11-11	241123432	VIII ALD		2 (848)			1/45 mg
ECEPTS ABOVE	.					Maria H							THE STATE OF THE S
AST BLEACHERS (3)	21	1	20	0.54		L	0.54					~~	program to an expression to prove
PARE	23	1	20							1	20	24	EF-A1 (1/2 HP)
				W APPROXIMATE TO A CONTROL OF THE CO		100 339 13			The second secon				EF-A2, EF-A5 (1/4, 1/4
PARE	4,4		4.0		-					1	20	24	HP)
PARC	25	1	20		-			-		_		Harriston	ELECTRIC DOOR
		e ome detak Utana			0.50	0.50				1	20	26	ISTRIKE
PARE	27	4	20	MICCONTINUE DIVINITATION OF STREET			Anti-Anti-Anti-Anti-Anti-Anti-Anti-Anti-		Billiological classic construction and the second s		a collection (C.)		
PARE	29	60 (21 (1.5) Marking approx	ኋሲ							1	20	28	SPARE
of artist Taling.	4.0	1	20		+					1	20	30	SPARE
PARE	31	1	20								42.64	1,01,0	THE P. LETTER F. T. MEN. WHICH IN THE PROPERTY OF THE PROPERT
7 A D	let somer distinction for Magnetic	n italia ani	المناسب المالية مالوياس			-12.4 (2.5)				1	20	32	SPARE
PARE	33	1	20		-			et iai ist.			20	34	CONDC
PARE	35	mikimo emotere.	20	ottomore.com.com/prosept.ope, 90906		l	1,11,118	ared to a reduce and	Mary and the second	- 1	U 2. Valentario	, 34 	SPARE
									Annual Manual Annual	1	20	35	SPARE
AST BLEACHERS (3) 1/2 HP)	9.9	~3	rijeri.		4 40								All and the state of the state
s ma curi	37	3	20		1 12	1.12				1	20	70	SPARE
to the continuous of the conti	39	ns à s'estademinub	rum: outlich steh	e e remaissa a communication de la communicati	1.12		1.12				4.V	- 20	har a manus anns a ann ann ann ann ann ann ann ann
		pleter in the pe	earning and a second							1	20	40	SPARE
	41				1.12	Harris II		1.12					CDADE
TOTAL CONNE	CTEN	LOAD	(kVA	6.48	16,00	11.56	3.92	7.00		1	20	42	SPARE
TOTAL DEN				6.48	16.00	1	U-1946	1.44		-			

	_/	WR	ENC	ECE	NTR	AL H	IGH S	SCHO	OL F	ANE	_BOA	\RD (SCH	EDL	LE	
MARK & TYPE			miskiri mada asam	REMA	on the state of th					O CONTRACTOR OF THE PARTY OF TH	-			Simulation and the second	Lancing Lancourse	
1L38"		· · · · · · · · · ·							TBREA		A-m-com-revining-victor	· · · · · · · · · · · · · · · · · · ·	OTHER PROPERTY.		тинамочни	With the impression provides the control of the con
YPE NQOD													TING C	APACI	TY - 1	YPE QOB.
20/208V, 3 PH, 4W 25 AMP MAIN LUGS				LHKOVII	JE PAN	ELVIII	HSEPA	RATE	OLATE	GROU	WD BUS	-				
EMA 1				!		·										
URFACE MOUNTED																
ESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	Д	Б	16	HEAT	A/C	FUTR	POLE	TRIP	CIR	IDESCRIPTION
3 RECEPT (3)	1	# I I	20		0.54	American manufulnoss	0,54			THE THE PERSON NAMED IN COLUMN	twinomenrouse-enqu	 			i Norveille	
	49.41				0.54		0.54						1	20	2	363 RECEPT (3)
S RECEPT (3)	3	1	20	-	0.54 0.54	00.00.00.00.00.00.00.00.00.00.00.00.00.	.	0.54 0.54	ļ.					omovenou o en		
3 RECEPT (4)	5	1	30		0.72			0.34	0.72				1	20	4	363 RECEPT (3)
	Salata sina		250 00	de secuenciamentes.	0.72	BOTH ONE TO SEE THE	Spiritural and American		0.72	heli lotaa lotaaba.	CONTRACTOR AND ADDRESS OF THE ADDRES	Baenretananninnessissa I	1	20	6	363 RECEPT (4)
3 MOTORIZED				Marine and Alling and a 11 fe			T				i i i i i i i i i i i i i i i i i i i		la de la	25 25 25 25		
ACKSTOP (1 HP)	7	1	30			1.92	1.92							Linguista Mijo		
			riciae il			100	1		in the second							363 MOTORIZED
3 MOTORIZED						1.92	1.92		 				1	30	8	BACKSTOP (1 HP)
ACKSTOP (1 HP)	g	1	30			1.92		1.92								richi mining
	vesioni. Participa		e en												لاطمادنده	363 MOTORIZED
S & A COLUMN COL						1.92		1 92			-		1	30	10	BACKSTOP (1 HP)
3 MOTORIZED ATTING CAGE (1 HP)	11	4	30			1.92			1 000							
THE RESIDENCE (1 THE)	3925		ران آ			1.254			1.92				at wrk.726.75	18002154;	ASSAM.	363 MOTORIZED
		i grens				1.92		1 366	1.92				1	30	12	CURTAIN (1 HP)
1 RECEPT (4)	13	1	20		0.72		0.72						0.6870054			
																363 MOTORIZED
1 RECEPT (4)	15	dinterter tellenhente	20	nidekungeragasan	0.72	1.92	1.92	1 4 75	and discount - year.	CMI:HC366H:H000AAvvva	operatory and an extend	mistem enchantementaliste	1	30	14	CURTAIN (1 HP)
s extracts a feet					U. IZ			0.72						Addinough	a polyte	363 MOTORIZED
						1.92		1.92					1	30	16	CURTAIN (1 HP)
1A RECEPT (2)	17	1	20		0.36				0.36			***************************************	signature sid			
																371 ROLLING DOOR
1 GYMNASTIC PIT	Samuel Control	труксин пункти	descriptional	MMM12000041010000222201G	MCNIFFE THE THE THE THE THE THE THE THE THE TH	1.12			1.12		HERMITE DATE OF THE SECOND	SHIPPINISHINANIA	1	20	18	(1/2 HP)
MP PUMP																
2,1/2 HP)	19	÷eer.	30			2.24	2.24									
															de i consistin de la	371 ROLLING DOOR
35 OF	54	A	30			1.12	1.12						1	20	20	(1/2 HP)
ARE	21	enem oranionascalo All for the Contrals	20	menicanios venticanios	amineeste een min tota					www.introcentrocen		i		Special Part	54.190	774 MALLUM MAAR
	isa.					1.12		1.12				90	1	20		371 ROLLING DOOR (1/2 HP)
WC RECEPT (1)	23	1	20	PURUUMNUN NEMARKA	Microre Company	1.06			1.06	Control Contro		iromphrumessassassas			Arriba Selection (See	Fig. No. 1 11 V.
		i Vara									***************************************				ALICE ACCE	363,370 MEZZAMINE
RECEPT (5)	25		90 H		0.54				0.54				1	20	24	RECEPTACLE (3)
*never!(a)	40	1.05.70	20		0.90	0.50	0.90					in and a second	on the second second	OA.	~~	STATES ELECTR
MNASTIC SOUND	rat rajura ja					wilde							1	20	20	371 TC PANEL
STEM	27	+10	20			1.00		1.00			1	Constitution of the Consti				
	secon en m		Eminor reconnect	***************************************	SSECTION SECURITION OF	0.60	***********	0.60			SCHOOL STREET	unerrate de la company	1	20	28	371 SCOREBOARD
MNASTIC SOUND	20	4	20			400		192 36413					1554561			
No. 1 Acres 1973	29	1	# W		indutes and of the second	1.00			1.00	hlicanimadanasing	***************************************	rommonanos mana	e de distribuir de la compani	Edingor project	manimani Omonimani	363 SCOREBOARDS
						1.20			1.20	100		adama di sali	1	20	30	303 SCOREDUMNUS (2)
ARE	31	1	20							MANUAL SELECTION AND ADDRESS OF THE SELECTION ADDRESS OF THE SELECTI		ЖИММАРТ (110 САЗЗВ	160,524			And the second control of the second
Marian massara				Heriologica constitutiva constitu		0.60	0.60			IIII OO		diotemphical historican	1	20	32	363 SCOREBOARD
ARE	33	1	20			1.50		100								CHI STATE OF THE S
ARE	35	umativacaira	20			UC.	Anjekipijanji ku	1 50	Bisconstantes (HINNEY NAME OF THE PARTY.		IPRIMAPRAMAMINA ZA	1	20	J4	363 TC PANELS (2)
						***************************************							1	20	36	SPARE
4RE	37	1	20				yenerii iidd						en en			**************************************
ALEMAN MATERIAL PROPERTY OF CHARGE HIS ALEMAN CONTRACTOR OF CONTRACTOR O		1		more profession to the comment of th	CANDEN III SAMEDIONE				1	WHIRE SERVICE	mennium monthe contr	meruunumaanaana	1	20	38	SPARE
ARE	39	1	20										21/25/15			and the latest part
ARE	41	samata armi	20		***************************************		ne a reporte production	log island	w manness production.	HIME:IIIUWIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			1	20	40	SPARE
									\				1	20	42	SPARE
TOTAL CONNEC	CTED	LOAD	(kVA)		6.84	28.42	12.92	11.78	10.56			İ				VALUE OF THE OWNER OWNER O

3 5	POLE 1	20	CIRCUI	T BREA	EQUIP	TH SEPA	HAVE MI	NIMUM		MP INTERRUPT ID BUS.				TYPE QOB.
3	A control of the cont	20	LTS	0.18		0.18	8	C	HEAT	A/C FUTR	POLE	TRIP	C∉R	DESCRIPTION
3	A control of the cont	20		0.18		0.18				President to the same same	1 W mar.	165000 de		Selfan bethefter Freeze
3 12 5 6 15 1		20	and the salar an	0.90				THE RESERVE OF THE PARTY OF THE	權 .		 evanual matter 	 contendadă 	人名英格兰 医皮肤	1
5	And the base of the				And the same of th	0.90	Principle .	1	1					
5	And the base of the		And the second s	0.90							1	20	2	327 RECEPT (5)
5	And the base of the		The state of the s	for , conse	1		0.90						100	
a de la Pr	1				1								<u> Polyconne</u>	3, 326, RECEPT (3)
	1		70 .	4	THE PERSON NAMED IN					f				REMOTE
	1	74 75 NO.	4	N. 10 A			1							SCOREBOARD
	1	l	 	0.54	0.20	4	0.74		!		1	20	4	DISPLAY
7	1882 ASSET	30	hadaaaaaaa	1	1.92			1.92			lis possency lis posterio			
7	1		1		1.00		1	1.00			1	20	6	328 RECEPT (1)
7	1											nazi ini Kasa poga	don sign	
Labora acrossos	1	30			1.92	1.92		li ji					ħ,	1
	A CONTRACTOR OF THE PARTY OF TH	A CONTRACTOR OF THE PARTY OF TH	-	datamonamana wangay	1.00	1.00					1	20	8	328 RECEPT (1)
9	4	20					0.80			0.80				
				1.26			1.26		- to the state of	THE CASE OF SECTION AND ADDRESS OF SECTION ADDRESS OF SECTION AD	1	20	10	301 RECEPT (7)
11	1	20		an equenum asse	0.50	ar symptom and the	L	0.50	municipiii aleksiii jiro	skultonoter semanya eta kunususususususususususususususususususu	Caramat mycomec	617.13	1	
94949	LESSON.	0.000	1	1.26			1	1.26			1	20	12	330 RECEPT (7)
13	1	20	The state of the s	0.18		0.18		1 1						
		400 13.0	1	-		Wisa	1	†			1	20	14	331 RECEPT (5)
15		20		0.90	1		0.90	13.48 (2.1)						Telephor to the management in Time 2
	Į.			L		The Alexander					1	20	16	333,332 RECEPT (4)
1/	1	20	populari de la compania de la compania de la compania de la compania de la compania de la compania de la compa	0.54	4 KA		i in a super	SAFETH HERBERT HONDER		managappen membera	التيانا	Commissions	4.0	پیش اللو و پیش بیشن الله الله
		1	+	ļ —	1 inte		1	1.00	 			2U	10	331 COPIER
19	1	20				0.52				0.52				Printer and the second
a de manusarion	dilector (I) Kirulin	İ.	TOTAL MADE OF COMMUNICAL	0.18	***************************************	0.18	ligi de la			un un un un un un un un un un un un un u	1	20	20	334 RECEPT (1)
21	1	20		0.90		May	0.90				A Property of			Министипристи слуписы шилы холы дар дар жайы жазыны энги
		1000					ากล			* 60	4	20	77	CUHA1,A2,A3
المناطئية			1		-		1.v- 164(35)	Giston 1	ł –	F.L/C	00750			(1/8,1/8,1/16 HP)
23	1	20						1.06		1.06		Mil		
Hig					- 44,44					3 8 8 8 8 8 8 8	ata denik sa tatapan		<u> </u>	375 MOTORIZED
75		l nc			1.92	1100		1.92	_		1	30	24	BACKSTOP (1 HP)
		1-2	.	0.54	1 1414				!		*	20	76	375 RECEPT (3)
27	1	30		*** ·	ļ	B. Harri	i 196dsinc	Hara		PRODUCT A PRODUCT AND ADDRESS OF THE PRODUCT AND		AGE NOT	die her	OFT THE WALL TO SERV
						Baggag		1001150						ELECTRIC DOOR
				.										STRIKE AND
29	1	20	++		1 UU	1	1.00		 		1	20	28	HANDICAP DOOR
-	a populari estar la populari estar		1					-					21.50	375 MOTORIZED
	10.50	<u> </u>			1.92	141-142-147		1.92			1	30	30	CURTAIN (1 HP)
31	1	20	Approximation and the second		Section of the Control of the Contro	The state of the s				· ·	Arter deld form format	etan Afrikatuk, pang		
33	لتجتا	+	-			laces s		Hail	<u> </u>		1	20	32	SPARE
ا ت	erigi	65	<u> </u>			had	ļ		ļ		*	70	14	SPARE
35	1	20	- Antonio de la composição de la composi								<u> </u>		-	OT MILL
		ليا			remorestim ac.						1	20	36	SPARE
37	1	20	1											
39	notembarine 1	20	***************************************	-	<u> </u>	SUMA					1	20	38	SPARE
						i ii 20 Kup		i i			1	20	40	SPARE
41	A-Mindelectricus 1	20		Andrews to sales that I will still the		icalescoloristic contra		Aldini karang	Kalifa Shamadian Agaraga da ar ar	At all the Constitution of	-c <u>.</u>		12 A	Market No. 1991 Let 1997 Market 1997 Anna Language 1997 Anna Anna 1997 Anna Anna 1997 Anna Anna 1997 Anna Anna
800	Light Special Con-		1								1	20	42	SPARE
					13.88	6.42	7.56	11.62			1			
AMPALA	LUMU	(KAW)		8.25	13.55	1	· }	 	1	3.44]				
	- 2 A /)													
L.	<u>AW</u>	REN	CEU	<u>ENI-</u>	RALH	HIGH	SCH	<u> </u>	PANE	LBOARD	SCH	HED	ULE	
•••••••••••	· · · · · · · · · · · · · · · · · · ·			OPPOSITION OF THE PROPERTY OF	www.milenum.weanum.mo			-					int	
	11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 141	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11	11	11 1 20 1.26 11 1 20 0.18 15 1 20 0.54 19 1 20 0.54 19 1 20 0.90 23 1 20 0.54 27 1 30 0.54 27 1 30 0.54 29 1 20 0.54 31 1 20 0.54 31 1 20 0.54 27 1 30 0.54 28 1 20 0.54 29 1 20 0.54 CTED LOAD (kVA) 8.28 LAWRENCE CENTER REMARKS	11 1 20 0.50 1.26 11 1 20 0.18 15 1 20 0.90 17 1 20 0.54 1 50 19 1 20 0.90 23 1 20 0.90 23 1 20 100 29 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92 31 1 20 1.92	11	11	110 1 20	11	11 1 20	11 1 20 0.50 1 0.50 1 1.26 1 1.26 1 1 1.26 1 1 1.26 1 1 1.26 1 1 1.26 1 1 1.26 1 1 1.26 1 1 1.26 1 1 1.26 1 1 1.26 1 1 1 1.26 1 1 1 1.26 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 1 20	1 1 20 0.50 0.50 1 20 10 10 10 10 10 10 10 10 10 10 10 10 10

LAWRENCE CENTRAL HIGH SCHOOL PANELBOARD SCHEDULE

MARK & TYPE

MARK & TYPE	<u></u> /	19811	La IV	THE RESERVE OF THE PERSON NAMED IN	ARKS		IOII	JUIN	JUL FA	NYELDV	ARD SCH	CUL	<u>/LC</u>	
11.39"	***************************************	************		-	Administration of the last of	UITS SI	HALL BE	CIRCU	T BREAK	ERS.	AND THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRE		******	
TYPE NOOD 120/208V, 3 PH, 4W 225 AMP MAIN LUGS				CIRCU	IT BREA	KERS	SHALL	AVE M	INIMUM 10		TERRUPTING C	APACI	TY -	YPE COB.
NEMA 1 SURFACE MOUNTED														
XESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	, A	B	C	HEAT A/C	FUTR POLE	TRIP	CIR	IDESCRIPTION
963 RECEPT (4)	1	1	20		0.72		0.72		protesta			Barrer 1		
963 RECEP (4)	3	1	20		0.72		0.72	0.72				20	2	363 RECEPT (4)
	Startinger	h 155 19	10000000		0.54			0.54			1	20	4	363 RECEPT (3)
63 MOTORIZED BACKSTOP (1 HP)	5	4	30	or and the state of the state o		1.92			1.92					A CONTRACTOR OF THE CONTRACTOR
TOTAL CONTROL OF THE STREET	in const		1	į.	0.54		GC to Tail		0.54		1	20	6	362 RECEPT (3)
663 MOTORIZED CURTAIN (1 HP)		4	30			1.92	1.92							
arment of the same of		33-455BH	100			1.0%	1.32				\$2.745.5			363 MOTORIZED
Section 18 Section with the penal residence			1. 399			1.92	1.92				1 1	30	8	BACKSTOP (1 HP)
63 MOTORIZED JURTAIN (1 HP)	9	1	30			1.92		1.92						
and the second s		0.016											ar /56/2002	363 MOTORIZED
JH-C1,C2	11	51.0610	20		ļ	1.92		1.92			951.01.02.03	30	10	CURTAIN (1 HP)
THE RESERVE OF THE PROPERTY OF		gwydol.	1					His iii			D.C.1(08%)	1518,038,12		363 MOTORIZED
82 ROLLING DOOR	300					1.92			1.92		1	30	12	CURTAIN (1 HP)
1/2 HP)	13	1	20			1.12	1.12				100 ALAMA 100 ALAMA 100 ALAMA	Marie Die		
100 m m m m m m m m m m m m m m m m m m					**************************************									363 MOTORIZED
MULTI-PURPOSE	2610	la erahi				1.92	1,92		i		1	30	14	CURTAIN (1 HP)
YMNASIUM SOUND			and the second					The state of the s		***************************************	101111			
YSTEM	15	1	20	elitelisisseetska erroide saake		1.00	ļ	1.00			745 248		0.0001.00	
	0.0003,20					1.92		1.92			4	30	16	363 MOTORIZED BATTING CAGE (1 F
IULT-PURPOSE		a ili. Manustrockica I									125.28 Cm 50 9.569.50 E	9.444.00		
SYMNASIUM SOUND	17	1	20			1.00			1.00			attendal Santan		
														SHOT CLOCKS
IULTI-PURPOSE		50000				0.50	la distrib		0.50		1 1 1000-154-5	20	18	POWER
SYMNASIUM SOUND														
YSTEM	19	1	20	este comment con and	, c-condition consists a service supplementary of	1.00	1.00			innumery-control went-thickeystrong-			iğedî	
			31111		0.36		0.36				4	20	20	363 MEZZANINE RECEPT (2)
IULTI-PURPOSE		SANGHANITATININ (I.E. () A	A following in the state of the		MILITARIO CONTRACTO CINT	пистинский постав			Ye make ye	warming and season and	3. Junio 4			7 Spec Prof State 5 3 (2003)
YMNASIUM SOUND YSTEM	21	1	20			1.00		1.00			3 4. 3			
The state of the s			20	10 0116 F - 1011; II 41		1.00					[22,612,28]	20	22	TC PANELS (2)
PARE	23	1	20	A STREET					- Commonwealth Common C		1,200,000			не невоничности под под доста на под под под под под под под под под под
PARE	25	- 1	20		TOLINGUA COLORONO	MILLION CONTRACTOR OF THE STATE					1573.5536	20	24	SPARE
				IIIbbirineseaunas	no universal publications					ALCOHOLOGO DE LO CONTROL DE LA		20	26	SPARE
PARE	27	1	20	*****	1							20	ን ወ	SPARE
PARE	29	1	20	CASTROLECT FORMULT OF TAXABLE AND		THE RESERVE OF THE PERSON NAMED IN	emuleura († carji		130 Sept. 10475-10-10.	farmining and a second behavior	1	4 U	<u> </u>	то в то то подражения в подра
PARE	31	1	20		location seasons out - 12.	CTITION, TO BOOK ASSESSED.				Kommunio XIII SUA MANAGANI	1	20	30	SPARE
		AND AND AND AND AND AND AND AND AND AND	Minima nativida ka a	stotok mitokiek gwining	WEELSHIELD OF THE SHAPE	PROGRAMINA STREET				Wild thin before the surround	8800-3000 1	20	32	SPARE
PARE	33	1	20									7-30 (42-) 0-20 0-20	2.	C F A Chi
PARE	35	1	20	1-41-Glouderredosser i i i i i i i						COMPANIES CONTRACTOR OF THE PROPERTY OF THE PR		20	.34	SPARE
PARE	37		20	etter e Suite transmer sonn							1	20	36	SPARE
a r. t. Tibuc	<i>31</i>	ı	Va.								1	20	38	SPARE
PARE	39	1	20		THE PERSON NAMED IN	mccommothernico; so		enom as ann Shifting		Aprelia (1975) April 1980 April 1	The state of the s	um want et span		Martin Commission of the Commi
PARE	41	inatutaiscets 1	20		everes minericans	· · · · · · · · · · · · · · · · · · ·				vv.venerbei	1	20	40	SPARE
					11						[20	42	SPARE

		<u> </u>	<u>ENC</u>	E CE	NIK	AL H	IGH :	SCHU		AINE		ARD S	CH	EUL	ILE	
MARK & TYPE	,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	REMA						een maanaan kanaan ka					-	
1L2" - SECTION 1						UITS SI	IALL BE	CIRCU	TBREA	KERS						
TYPE NOOD				CIRCUI	TBREA	KERS :	SHALL H	AVE MI	NIMUM:	10,000 A	MP INT	ERRUPTIN	JG C	APACI	TY = 1	TYPE QOB VH.
20/208V, 3 PH. 4W												ECTION 1 1	OF 2			
25 AMP MAIN LUGS				PROVI	DE PAN	IEL WIT	H SEPA	RATE IS	OLATE	GROU	ND BUS	i.				
NEMA 1 SURFACE MOUNTED																
ESCRIPTION	CID	POLE	TRIP	LTS	REC	EQUIP	А	T 8	7	11000	T	and a company of the	-0.1	T annua	1	
09.308A,310 RECEPT	C)IT		17.37	L H-D	THE	EUUIT	+		C	HEAT	A/C	FUTR P		INP	CIR	DESCRIPTION
81	1	•	20			-										
	 			 	1.08		1.08		-				1	20	1 2	1 355 RECEPT (6)
11.311A,312 RECEPT			1W - 1/1 'U - 1/1 M - 1	1100		-				annok orozob ezze harea					1	The state of the s
5)	3	1	20		0.90			0.90				1.		100		
	ļ		e den i semanun al instituti a	1	1.26			1.26	hin P				1	20	4	355,356 RECEPT (7)
H1 WC RECEPT (1),	_								*			Ē.:				
LUSH VALVES	5	1	20		0.70	0.73	(Alberta)		0.73				and the state	عسمم		
11C HAIR DRYER	7	1	30		0.72	7 77	11 4404		0.72	entitions and a consumer	antras menonamen		1	20	6	307,354 RECEPT (4)
I IO FRANK DATER		-	. Ju		0.72	2.30	2.30 0.72		4-11		-		1	na na		
11C HAIR DRYER	9	1	3/0	-	9.14	2.30	THE DATE	2 30					manima sés I	20	8	354 RECEPT (4)
	r -	†			1.08	2.00		1.08					1	20	10	354 RECEPT (6)
11C HAIR DRYER	11	1	30	1	<u> </u>	2.30			2.30			 		1	1	The state of the s
						1.06			1.06				1	20	12	307 WC RECEPT (2)
11C HAIR DRYER	13	1	30			2,30	2.30						Shore of city			1
		1000							High Market							307 MOTORIZED
A7 200 242 257 250						1.92	1.92	ija lih					1	30	14	BATTING CAGE (1 HP
07,308,313,357,358 (ECEPT (5)	15		20		0.00			0.00					1135			
EVET (9)	12	100	20		0.90	-	 	0.90							i etan u	THE STREET, SHE AS A ST
						1.92		1.92					1	30	4.6	307 MOTORIZED
UH-A14,A15,A16,B1	o antentraliminto	dum untarial (H)	lor an industrial forms	Pendanoni tananahani	المحادث المختلفات المحادد	17) Wilder			anti-halisana akan		and a reconstitution of the factor of the same of the			1 30	10	BACKSTOP (1 HP)
/16,1/8 HP)	17	1	20						0.66		0.66					
oden en							1				13.00		nobalsodilo	Accordance to the second	distribution.	348,351A,352,352A
					0.72		a Patricia		0.72				1	20	18	RECEPT (4)
59.359A RECEPT (2)	19	1	20		0.36		0.36					\$.		-2550	elek i	
erijet i vili vili vili vender se vili të sanoki saro ndë të të kili jë të tornë i që të kili të sist a së pas Militari së kili vili vili ve së kili së kili së kili së kili së kili së kili së kili së kili së kili së kili	elabelen, dealer. I	inaciona interiore	мажжинацијум	araina during a stifemental (0.90		0.90						1	20	20	351 RECEPT (5)
59 RECEPT (2)	21	1	20		0.36			0.36								
59 RECEPT (2)	23	1	~~		0.54		salah malah keraja	0.54					1	20	22	348,361 RECEPT (3)
SO NEVER 1 (2)	43		20		0.36				0.36					-	- Bank Er Perimena	
													1	20	24	CUH-B1.VAV-B2,63,8
59.359B RECEPT (4)	25	1	20		0.72		0.72					617	**************************************		4.3	COMPDI. VAV-D2, D3, D1
Ne mano melo diserbas insched III mero astir a pisati mirapi se terbi pisat astirila (III disebuta da A	grico estado	Error of		Addictorias as microscopic colonial	0.54		0.54						1	20	26	378 RECEPT (3)
59,360 RECEPT (8)	27	1	20		1.44			1.44				850 950	74.18.37 144.831 246.631			
	der seit					1.00		1.00	professional state				1	20	28	378 TC PANELS (2)
99A ICE MACHINE	29	1	20			1.50		-	1.50		Berliniellener viluser	8637 0447	Anviolation de Stati			
										E-mail-						UH-B2,VAV-
59A WHIRLPOOL	31	*	20	No. 17.11.11	MANAGEMENT OF COLUMN STATES	1.50	1.50		1.06		1.06	205.55	1	20	30	B6,B7,B8,69 (1/20 HP)
CLOTE WHI IN THE THE WATER	1				avvvvvisnihima	المالية. ا	1,30					97878 0.545		0.0000000000000000000000000000000000000		EDD D21/AL/DE
													1	20	727	FPB-B3,VAV-B5 (1/3 HP)
9A WHIRLPOOL	33	1	20			1.50		1.50				615	100000			[truetur]
	40.04	4 × 7 6 20 20 1		фонентальний пом ь	SUITERATU I FRENCHISTATO CONTRACT		armitism appet spile	CONTROLLY SECTION (Action of substi-	**********	in oceaning the control of the contr	ATTACHER STREET	nouvementamentamentalis	wintenani	ercennimietamini	entirential subsessi	EF-B2.EF-B4 (1/6.1/4
				the control of the co	MARILLA DE MARILLO MINA					i de la companya de l			1	20	34	HP)
9 HYDRO-KULATOR	35	1	20			1.50			1.50			1000 1500				
	Sammolous	tinisy transing state	n te religioù ita Universitation	eren	entransero ceredo sando	northanden zonen	A	province province		namental and the second	mananaranananan karan	MINE OF BRIDE STREET	1	20	36	EF-B3 (1/3 HP)
8 ROLLING DOOR 2 HP)	20.77		70	1		4 45										A Ministration (0)
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"1L37" - SECTION 1 TYPE NGOD 120/208V, 3 PH, 4W 400 AMP MAIN LUGS NEMA 1				BRANC CIRCUI TWO S	H CIRC T BREA ECTION	KERS S	HALL H - BOTH	AVE MI	T BREA NIMUM : ONS SAI OLATE(30,000 A ME HEIC	HT - SE	CTON	TING C.	APAC	1 1 Y - 1	YPE QOB-VH.
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350 RECEPT (4)	1	1	20		0.72		0.72			-	ETHERANOPORTHUROUS COM					
350 RECEPT (1)	3	1	20		0.54		0.54						1	20	2	339 RECEPT (3)
and rever itis	و	a centa				1.00		1.00								344,344A,345 RECE
					0.54			0.54					1	20	4	(3)
350 RECEPT (1)	5	1	20	<u> </u>		1.00			1.00		-					
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50 RECEPT (1)	19	1	20			1.00	1.00		Transis				alen (CS) y l	2U	٥	338 RECEPT (1)
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350 RECEPT (11)		75.				1.50			1.50				1	20	24	339 COKE CASE
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350 RECEPT (1)	27	1	20			1.50	1.50	1.00					1	20	26	339 COKE CASE
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50 RECEPT (1)	29	1	20			1 00		GALLUL.	1 00				i Ngjargena	ZU	20	330 RECEPT(I)
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50 RECEPT (1)	33	1 Turning memorine	20		eart-waterstrake	1.00	Parties de la composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition dell	1.00						EX exemp	1	
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50 RECEPT (1)	35	1	20			1.00		1.00 1374 (17	1.00				* 1	20	34	WARMER
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150 RECEPT (1)	37	1	20			1.00	1.00						48.0			According to the control of the cont
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49 RECEPT (6)	39	1	20		1.08			1.08			30.7222			Sure	1 (3)	 колония попинальный попиний дартину чистов инопини
49 RECEPT (7)	Final Paris I and		Construction of		and the state of t	1.50		1.50		i i i i i i i i i i i i i i i i i i i	pandorii i niina		minimistration in	20	40	338 REFRIG
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8	retina	(T) (T) (S) (S) (S)		1		1.50			1.50	i	1	1	4	20	47	338 REFRIG

MARK & TYPE			······································	REMA	NTRA											
"1L2" - SECTION 2 TYPE NGOD 120/208V, 3 PH, 4W 225 AMP MAIN LUGS NEMA 1	***************************************	NIS ALL MANAGEMENT		BRANC CIRCUI TWO S	H CIRCU	ERS S	HALL H - BOTH	AVE MI	NIMUM :	10,000 A ME HEK	3HT - SI	ECTION			ן - אַד	TYPE QOB:VH.
SURFACE MOUNTED						0.0										
DESCRIPTION	CIR	POLE	TRIP	LTS	REC E	QUIP	A	В	С	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
307 MOTORIZED PROJECTION SCREEN	43	1	20			1.12	1.12	1,120	7.0	100100000000000000000000000000000000000				-		
WEIGHT ROOM				-		1.50	1.50						1	20	44	358 VENDING
SOUND SYSTEM	45	1	20		TTTTAKE TATTETO ATT PROPERLE RANGE	1.50 1.50	in (Manadis)	1.50		anultimos myn tisaminin	Ban Washington	***************************************	1	20	A &	358 VENDING
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	, Miles Anna i i i i i i	ina - Lapin-co											1	20	60	SPARE
SPACE	61	1											e di iligizii i mai me			
SPACE	63	1	meterinate communicati			- CONTRACTOR OF THE CONTRACTOR	11.446	tani tanti		жини	ин и и и и и и и и и и и и и и и и и и		1 (2000) -		62	SPACE
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"1L37" - SECTION 2 TYPE NGOD 120/208V, 3 PH, 4W 400 AMP MAIN LUGS NEMA 1			BRANC CIRCUI TWO S	H CIRC T BREA ECTION	KERS S	HALL H	SECTIO	NIMUM NS SAC		3HT - SE	CTION	TING C	APACI	TY - 1	ҮРЕ QOB-VH
SURFACE MOUNTED															
DESCRIPTION	CIR POLE	TRIP	LTS	REC	EQU₽	А	8	С	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
349 AUDIO/VIDEO EQUIPMENT	43 1	20		and the commence of the commen	1.50	1.50								- Other I	338 MICROWAVE
					1.50	1.50	l, di le					1	20	44	OVEN
348 DISPLAY CASE RECEPT (4)	45 1	20		0.72			0.72			THE STATE OF THE S	***************************************				
	E STEELENGERS	o consulation			1.00		1.00					1	20	46	338 RECEPT (1)
348 RECEPT (3)	47 1	20		0.54	1 ***			0.54							
TC PANEL	49 1	20	3		1.50 0.50	0.50		1.50			Wall trade to the state of the		20	48 1/4/07	338 ICE MACHINE
				130000 13000 10000	1.50	1.50						1	20	En	338 COFFEE/HOT CHOC.
FPB-62,VAV-81		-	THE OTHER PROPERTY.	nerosia di angli progra	a . yild Pit,			1		- Maria amino mandino di	Australia (Propinsia Applica)			- DU	Marie The Control of the Control of
(1/3 HP)	51 1	20		0.54			0.86 0.54			0.86		1	20	52	338 RECEPT (3)
FPB-B1 (1/3 HP)	53 1	20	4 S.A. Varies Incomplete Man					0.86		0.86		1	20		SPARE
EF-B1,85 (1/4,1/4 HP)	55 1	20	de la companyanta	Annih - Linkson Wanterson		1.40				1.40		jot u Heledrin sedlosk	20		SPARE
CUH-B2,B3 (1/16,1/16 HP)	57 1	20			1.00		0.52			0.52		\$ 1 6 h			
SPARE	59 1	20		TO STORY THE THE STREET HE AND ADDRESS OF THE STREET	4.00 4.00		4.00	4.00	2			2	50	58	338 RANGE/OVEN
SPARE	61 1	20			4.56	SAME NO		4.00					100000000000000000000000000000000000000	60	The state of the s
					12	1.12						1	20	67	339 ROLLING DOOR (1/2 HP)
SPARE	63 , 1	20													338 DISPOSAL
SPARE	65 1	20		entralliment in the serve	1.64		1.64					1	25	64	(3/4 HP)
SPARE	67 1	20										1	20 		SPARE
SPARE	69 1	20	jesenesesen et sa		Nada 28 de la Casta de La companya de la companya d				afrolosumanu umuu uu	en anen maria ana			20	onen ersennere Self-Cliffs of	SPARE
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337 TRACK LIGHTS	73 1	20 ****	1.50			1.50 1.50			The state of the state of			1.	alas.	la Maria	SPARE
337 TRACK LIGHTS	75 1	20	1.50 1.50			UC.1	1.50 1.50		***************************************			1	20 20		337 TRACK LIGHTS
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LAWRENCE
CENTRAL
HIGH
SCHOOL
RENOVATIONS, ADDITIONS
AND RELATED WORK

MSD OF LAWRENCE TOWNSHIP

GIBRALTAR DESIGN

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PROJECT
06-612

DATE
03/19/07

COORDINATED BY
FJB

DRAWN BY
NAK

CHECKED BY
ME I

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MARK DATE ISSUED FOR

DRAWING PANEL SCHEDULES

PROJECT

LAWRENCE CENTRAL HIGH SCHOOL

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TO FOOTBALL STADIUM 7

NOTES:

1 REMOVE EXISTING SWITCHBOARD COMPLETE. 2 REMOVE EXISTING PANELBOARD COMPLETE.

3 REMOVE EXISTING DRY TYPE TRANSFORMER COMPLETE.

4 REMOVE EXISTING FEEDER COMPLETE. 5 EXISTING SWITCHBOARD TO REMAIN.

6 RELABEL EXISTING SWITCH AS "SPARE" EXISTING UNDERGROUND FEEDER APPEARS TO BE ABANDONED — REMOVE TO POINT BELOW LEVEL OF NEW FOUNDATION AND ABANDON REMAINING WIRE AND CONDUIT IN PLACE. GIBRALTAR **DESIGN** ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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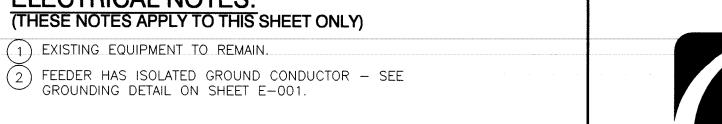
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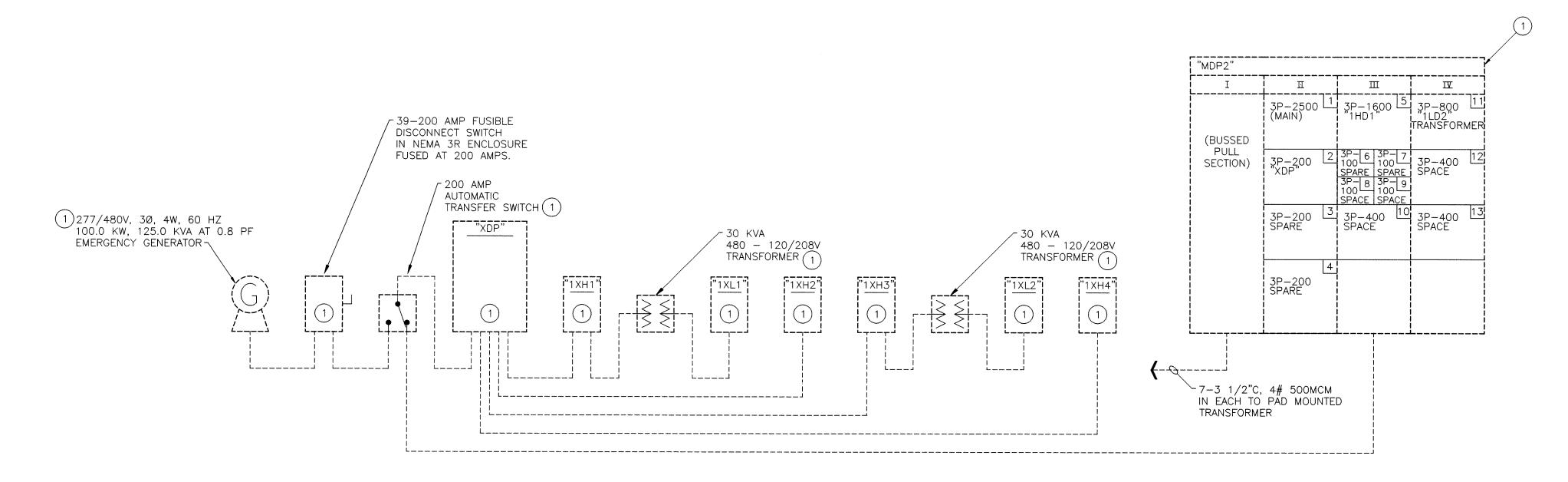
DRAWING DEMOLITION POWER DISTRIBUTION DIAGRAM

LAWRENCE CENTRAL HIGH SCHOOL

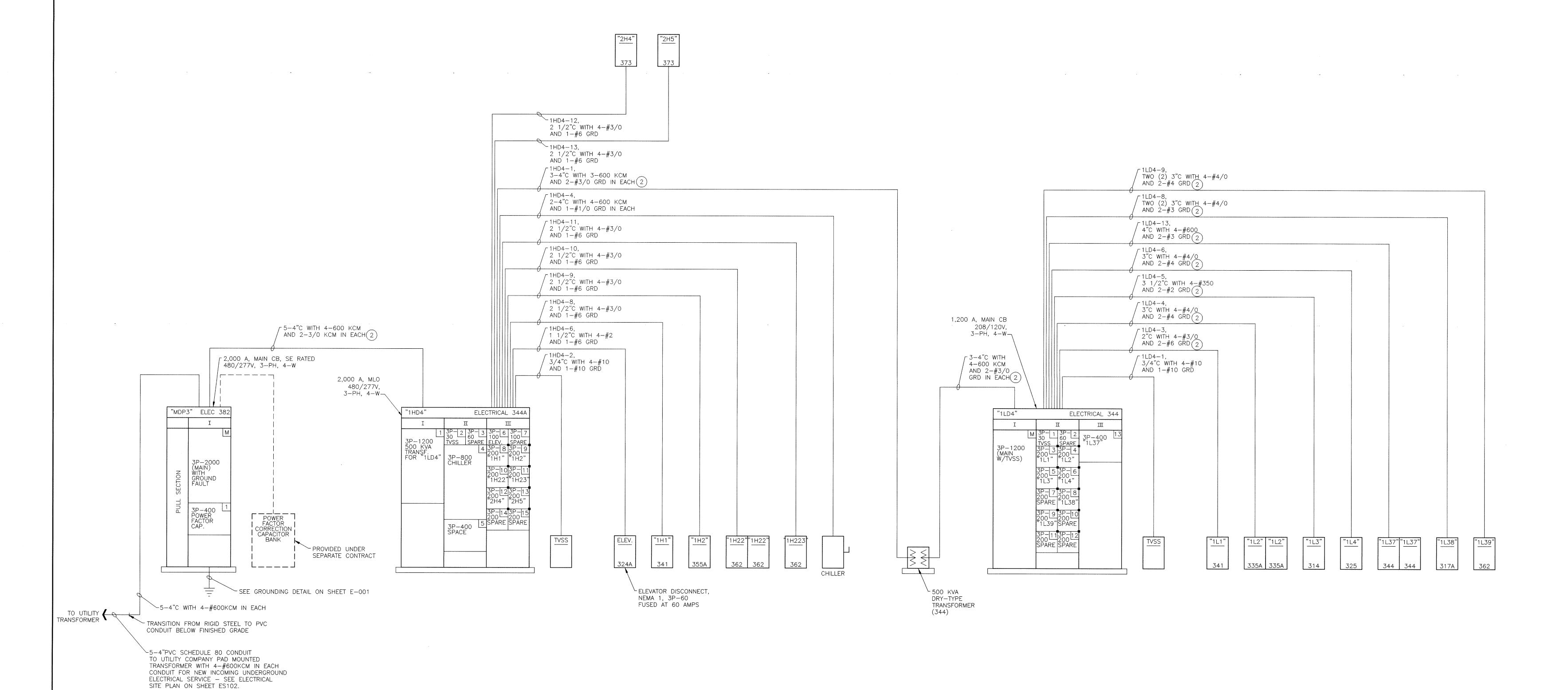
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DEMOLITION POWER DISTRIBUTION DIAGRAM





EXISTING EMERGENCY POWER DISTRIBUTION DIAGRAM



NEW PARTIAL POWER DISTRIBUTION DIAGRAM - BASE BID

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MSD OF LAWRENCE TOWNSHIP

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DIAGRAM - BASE BID COPPER CONDUCTORS

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ELECTRICAL NOTES: (THESE NOTES APPLY TO THIS SHEET ONLY)

- 1) FEEDER CONDUCTORS TO REMAIN COPPER AS INDICATED UNDER BASE BID SEE SHEET E-702.
- 2) FEEDER HAS ISOLATED GROUND CONDUCTOR SEE GROUNDING DETAIL ON SHEET E-001.
- 3 FEEDER CONDUCTORS TO BE ALUMINUM UNDER ALTERNATE BID.



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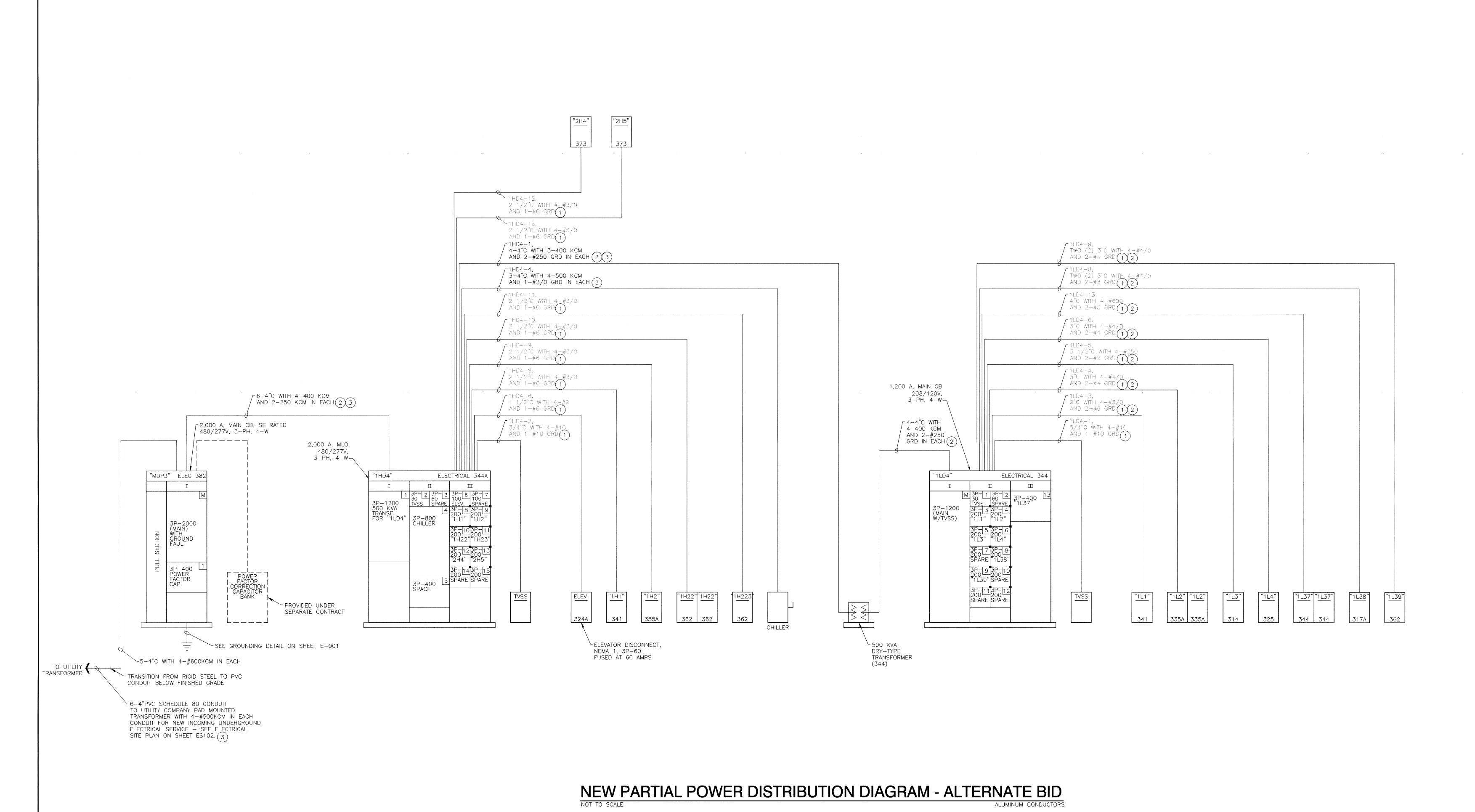
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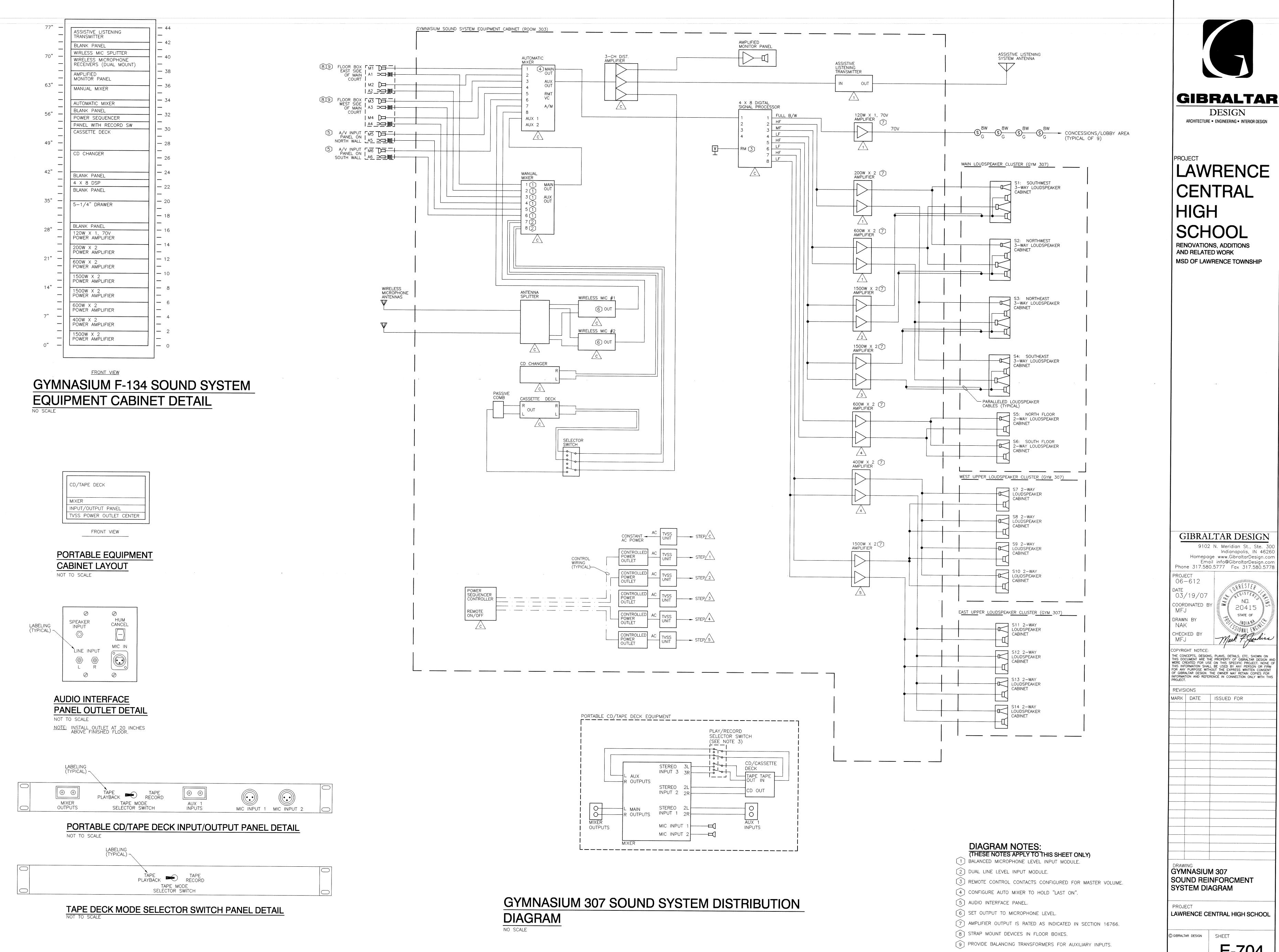
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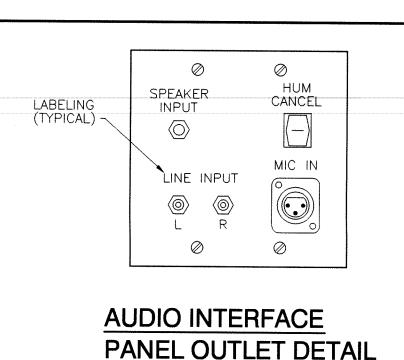
DRAWING NEW PARTIAL POWER DISTRIBUTION DIAGRAM - ALTERNATE BID ALUMINUM CONDUCTORS

LAWRENCE CENTRAL HIGH SCHOOL

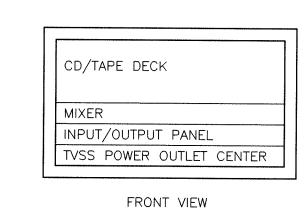
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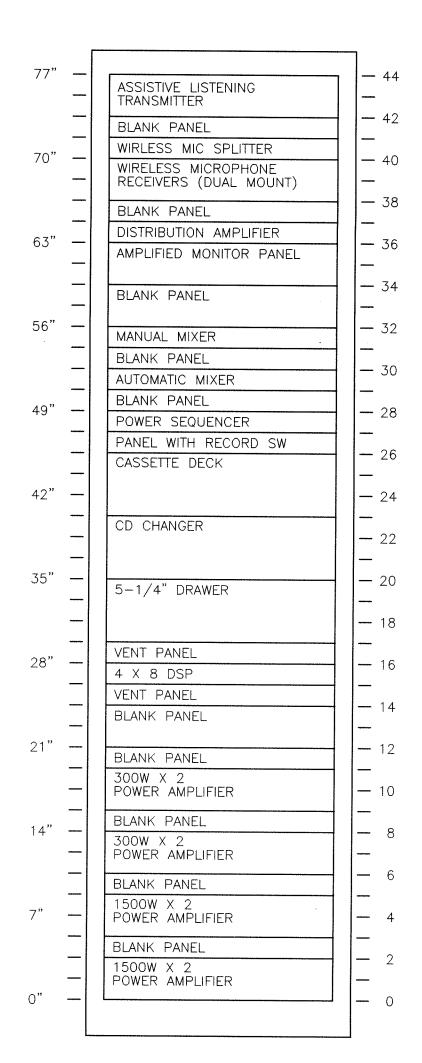




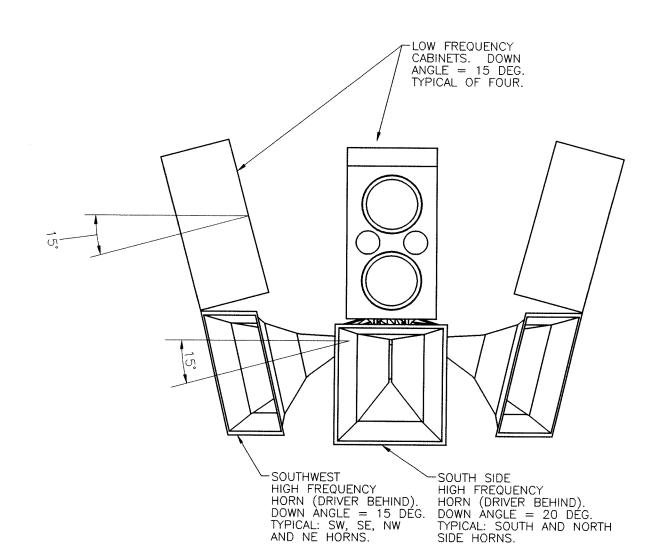
NOT TO SCALE NOTE: INSTALL OUTLET AT 20 INCHES ABOVE FINISHED FLOOR.



PORTABLE EQUIPMENT **CABINET LAYOUT** NOT TO SCALE



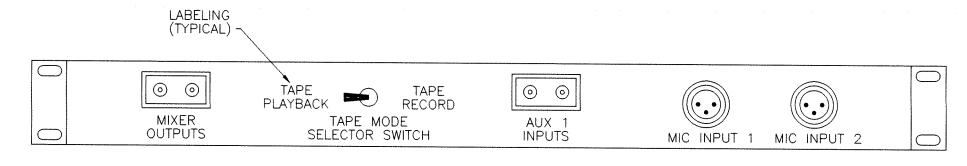
FRONT VIEW **FIELDHOUSE** SOUND SYSTEM EQUIPMENT **CABINET DETAIL**



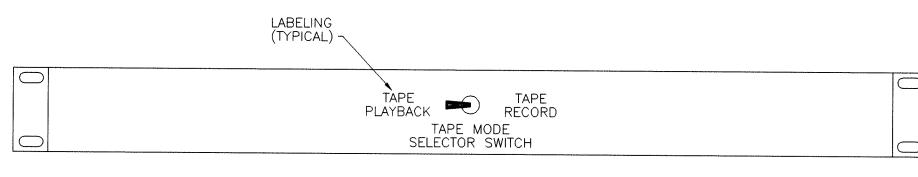
NO SCALE

MAIN LOUDSPEAKER CLUSTER SOUTH SIDE VIEW

NOTE: SCHOOL INTERCOM LOUDSPEAKERS NOT SHOWN.



PORTABLE CD/TAPE DECK INPUT/OUTPUT PANEL DETAIL



TAPE DECK MODE SELECTOR SWITCH PANEL DETAIL

618 CENTER FLOOR BOX

DOWN HIGH FREQUENCY
HORN WITH 90 DEG.
PATTERN ORIENTED
EAST—WEST

-HIGH FREQUENCY HORNS SPACED AROUND COMMON CIRCLE AT 60 DEG.

EAST END
LOW FREQUENCY
CABINET

-NORTHEAST HIGH FREQUENCY HORN (DRIVER BEHIND)

MAIN LOUDSPEAKER CLUSTER

MAIN LOUDSPEAKER CLUSTER

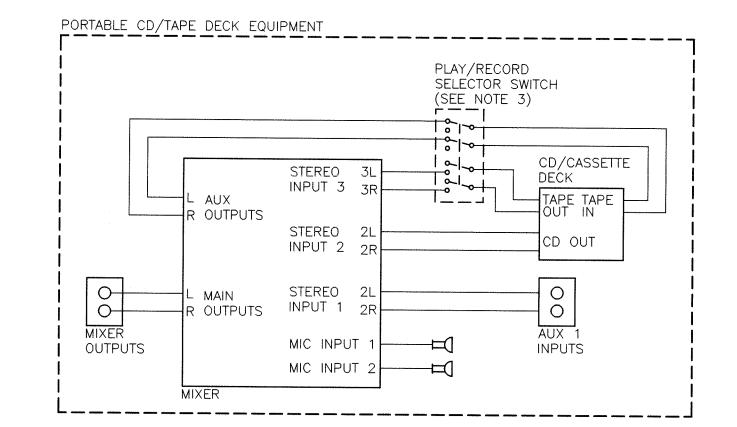
ORTHOGONAL VIEW

NO SCALE
NOTE: SCHOOL INTERCOM LOUDSPEAKERS NOT
SHOWN.

PLAN VIEW

NO SCALE
NOTE: SCHOOL INTERCOM LOUDSPEAKERS NOT SHOWN.

LOW FREQUECNY
CABINETS. ORIENTED
NORTH, SOUTH, EAST
AND WEST.



FIELDHOUSE SOUND SYSTEM EQUIPMENT CABINET (ROOM 362)

AUTOMATIC MIXER

DIAGRAM NOTES: (THESE NOTES APPLY TO THIS SHEET ONLY)

1) BALANCED MICROPHONE LEVEL INPUT MODULE. 2 DUAL LINE LEVEL INPUT MODULE.

3 LINK INPUT LEVEL CONTROLS AND INTERCONNECT WITH REMOTE VOLUME CONTROL.

(4) CONFIGURE AUTO MIXER TO HOLD "LAST ON".

(5) REMOTE CONTROL CONTACTS CONFIGURED FOR MASTER VOLUME.

6 AUDIO INTERFACE PANEL.

(7) AMPLIFIER OUTPUT IS RATED AS INDICATED IN SECTION 16766. (8) PROVIDE BALANCING TRANSFORMERS FOR AUXILIARY INPUTS.

9 CONNECT TO SCHOOL PAGING SOUND SYSTEM. SEE SECTION 16761. ROUTE CABLING THROUGH SYSTEM EQUIPMENT CABINET.

ASSISTIVE LISTENING SYSTEM ANTENNA



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LAWRENCE CENTRAL HIGH SCHOOL

RENOVATIONS, ADDITIONS AND RELATED WORK MSD OF LAWRENCE TOWNSHIP

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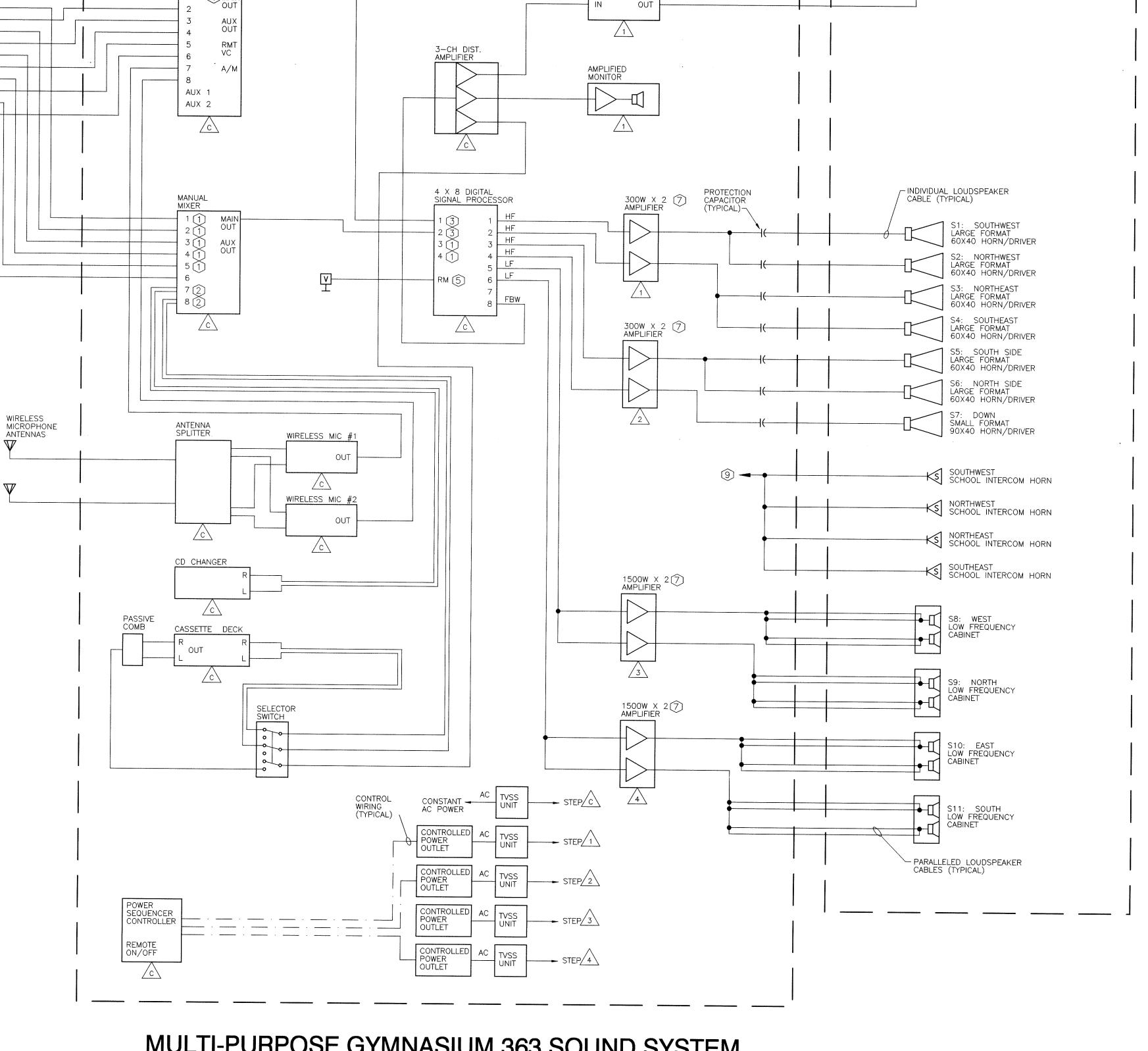
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Indianapolis, IN 4626



ASSISTIVE LISTENING TRANSMITTER

DISTRIBUTION DIAGRAM

MULTI-PURPOSE GYMNASIUM 363 SOUND SYSTEM

DRAWING MULTI-PURPOSE GYMNASIUM 363 SOUND REINFORCEMENT SYSTEM DIAGRAM LAWRENCE CENTRAL HIGH SCHOOL

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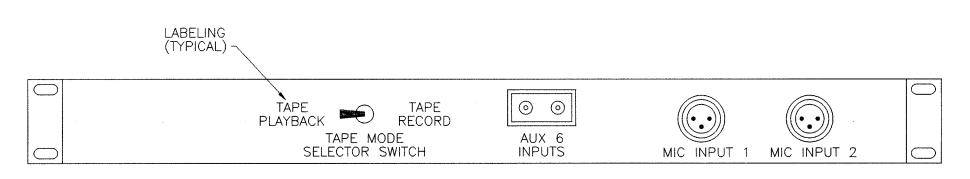
TEAM ROOM 349 AUDIO/VIDEO SYSTEM DISTRIBUTION DIAGRAM

NO SCALE

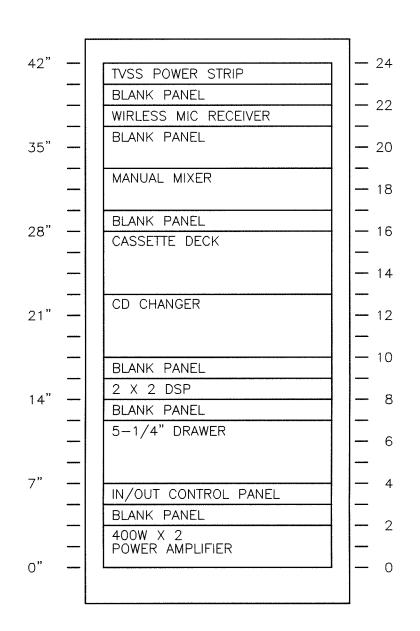
WEIGHT ROOM 353 SOUND PLAYBACK SYSTEM DISTRIBUTION DIAGRAM

DIAGRAM NOTES: (THESE NOTES APPLY TO THIS DIAGRAM ONLY)

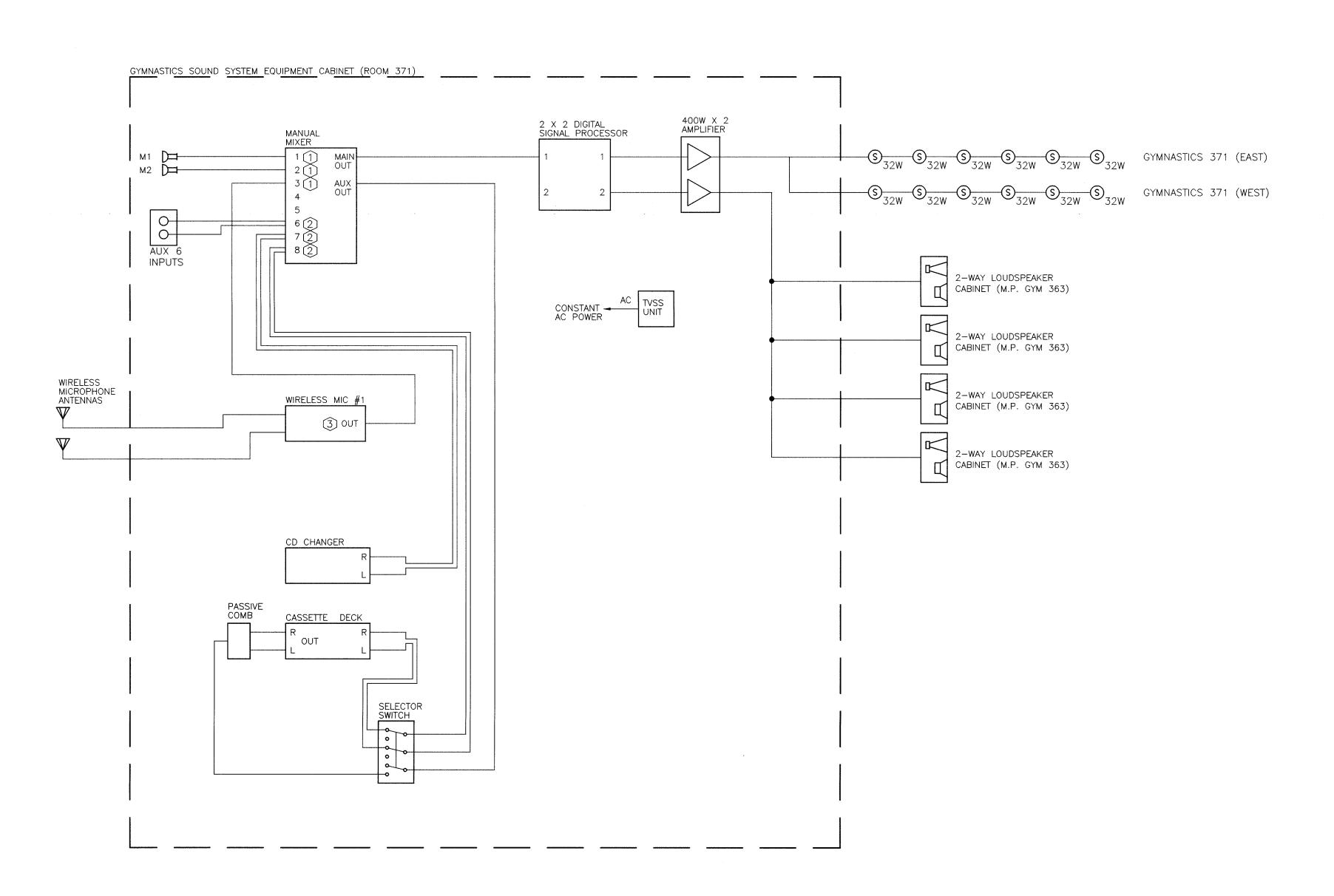
PROVIDE ANTENNA FEED FROM ROOF MOUNTED ANTENNA DISTRIBUTION SYSTEM. SEE SECTION 16766.



INPUT/OUTPUT CONTROL PANEL DETAIL NOT TO SCALE



FRONT VIEW GYMNASTICS 371 SOUND SYSTEM **EQUIPMENT CABINET DETAIL**



GYMNASTICS 371 SOUND SYSTEM DISTRIBUTION DIAGRAM

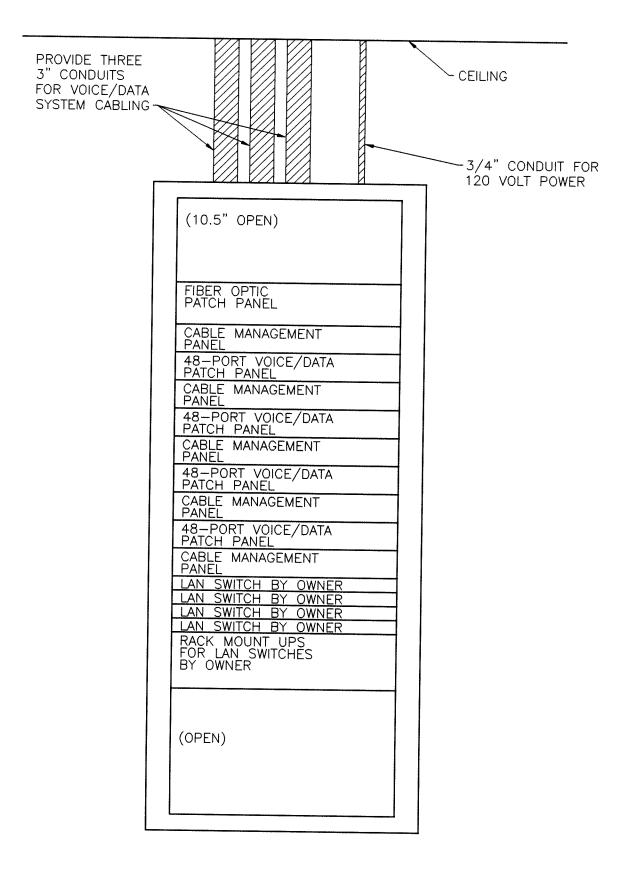
DIAGRAM NOTES:
(THESE NOTES APPLY TO THIS DIAGRAM ONLY)

1 BALANCED MICROPHONE LEVEL INPUT MODULE.

2 DUAL LINE LEVEL INPUT MODULE. 3 SET OUTPUT TO MICROPHONE LEVEL. LAWRENCE CENTRAL HIGH SCHOOL

SOUND SYSTEM
DIAGRAMS

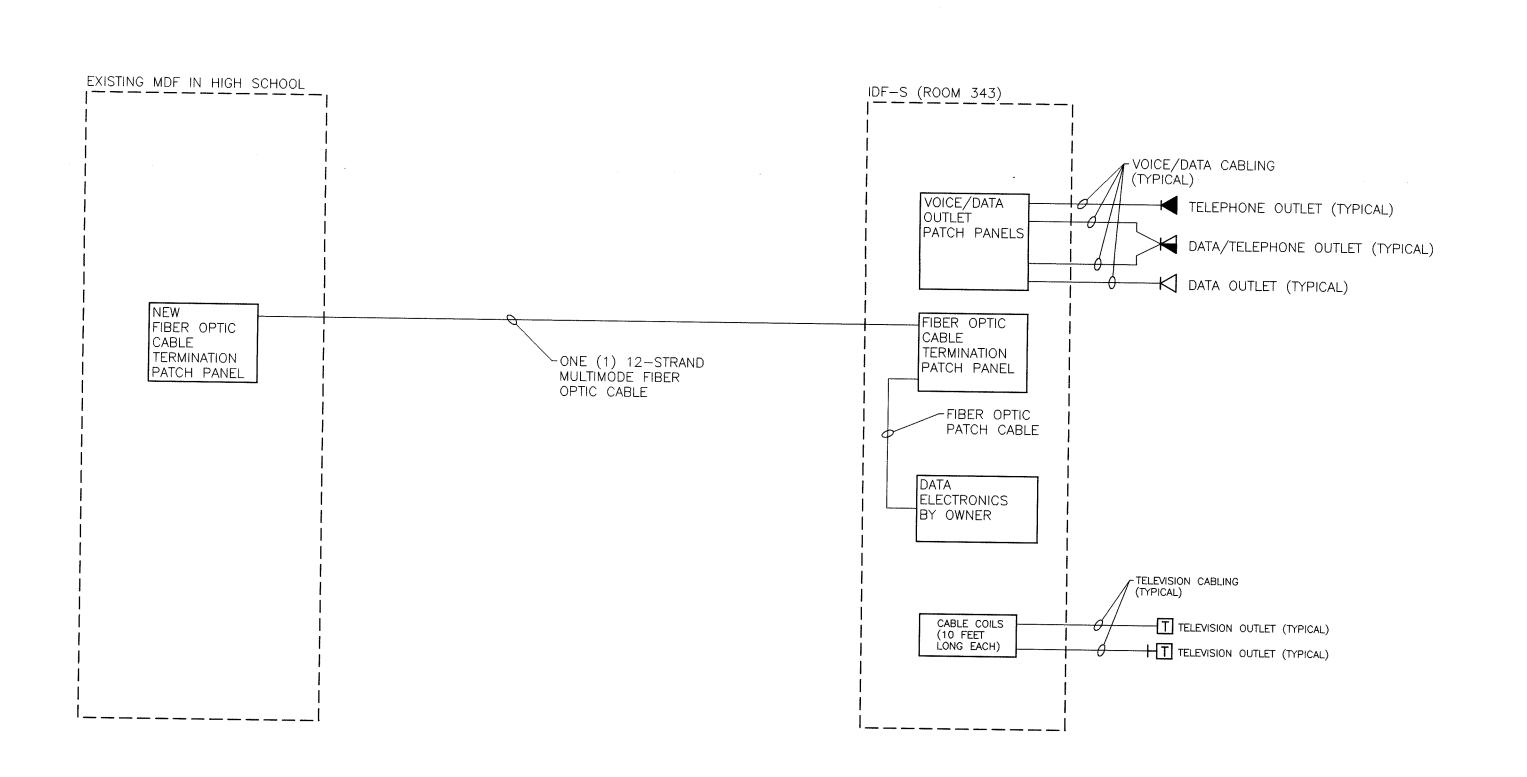
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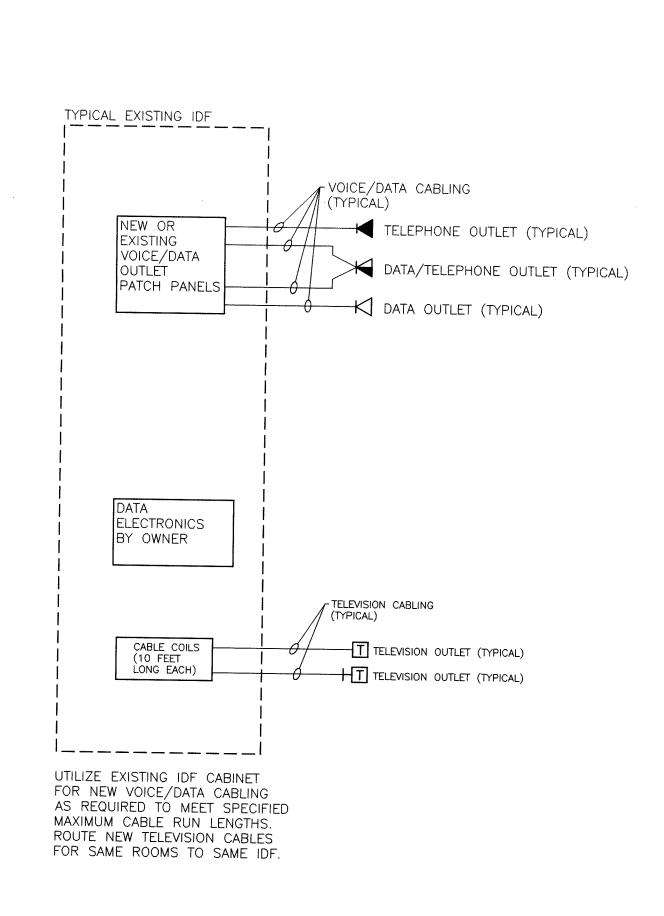


FRONT VIEW

IDF-S EQUIPMENT CABINET LAYOUT

NOTE: ADJUST THE POSITION OF THE FRONT MOUNTING
RAILS OF THE EQUIPMENT CABINET TO BE RECESSED
SIX (6) INCHES BEHIND THE FRONT DOOR OF THE
CABINET TO ALLOW SPACE FOR PATCH CORDS AND
CABLE MANAGEMENT PANELS.





VOICE, DATA AND TELEVISION SYSTEMS DISTRIBUTION DIAGRAM



LAWRENCE
CENTRAL
HIGH
SCHOOL
RENOVATIONS, ADDITIONS
AND RELATED WORK

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LAWRENCE CENTRAL HIGH SCHOOL

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