

CONSTRUCTION DOCUMENTS

ARLINGTON PRESCHOOL CLASSROOMS BG# 25-321

122 ARCEME AVE. LEXINGTON KY

APRIL 15, 2025

DRAWING SHEET INDEX														
SHEET IDENTIFICATION			QUALITY ASSURANCE / QUALITY CONTROL				REVISION		SHEET REVISIONS				PAGE INFORMATION	
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY	CURRENT REVISION	CURRENT REVISION ISSUED	CURRENT REVISION DESCRIPTION	CURRENT REVISION ISSUED BY	CURRENT REVISION ISSUED TO	CURRENT REVISION DATE	NCS SUBSET NO.	COUNT
G001	COVER SHEET	APRIL 15, 2025	DRV	DRV	DRV	DRV		No					1	1
G002	PROJECT DATA	APRIL 15, 2025	DRV	DRV	DRV	DRV		No					1	1
AD101	FIRST LEVEL - DEMOLITION	APRIL 15, 2025	DRV	DRV	DRV	DRV		No					8	1
AD401	ENLARGED PLAN - DEMOLITION	APRIL 15, 2025	DRV	DRV	DRV	DRV		No					8	1
AE101	FIRST LEVEL - FLOOR PLAN	APRIL 15, 2025	DRV	DRV	DRV	DRV		No					8	1
AE401	ENLARGED PLANS AND ELEVATIONS	APRIL 15, 2025	DRV	DRV	DRV	DRV		No					8	1
AE601	SCHEDULES / DOOR TYPES AND DETAILS	APRIL 15, 2025	DRV	DRV	DRV	DRV		No					8	1
AF401	ENLARGED REFLECTED CEILING PLAN - DEMO - NEW CONSTRUCTION	APRIL 15, 2025	DRV	DRV	DRV	DRV		No					8	1
P-401	FIRST LEVEL - ENLARGED PLUMBING PLAN - NEW WORK	APRIL 15, 2025	STAFF	STAFF	CVS	CVS		No					12	1
M-001	MECHANICAL LEGEND AND GENERAL NOTES	APRIL 15, 2025	SPB	CVS	CVS	CVS		No					14	1
M-401	FIRST LEVEL - ENLARGED HVAC PLAN - NEW WORK	APRIL 15, 2025	SPB	CVS	CVS	CVS		No					14	1
E-401	FIRST LEVEL - ENLARGED ELECTRICAL PLAN - NEW WORK	APRIL 15, 2025	STAFF	STAFF	CVS	CVS		No					15	1
Grand total: 12														12

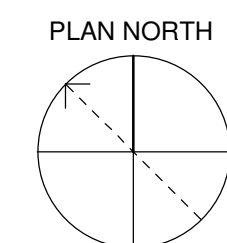


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GRW PROJECT NO. 4973-07

SCALE: 3/32" = 1'-0"



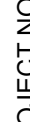
1	EXISTING CRAW SPACE ACCESS DOOR.
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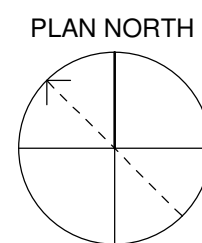
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REVIEWED:	DRV
APPROVED:	DRV

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SCALE: $3/32" = 1'-0"$

AD101

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CLIENT PROJECT NO. FCPS	GRW PROJECT NO. 4973-07



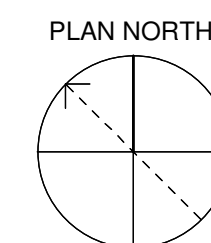
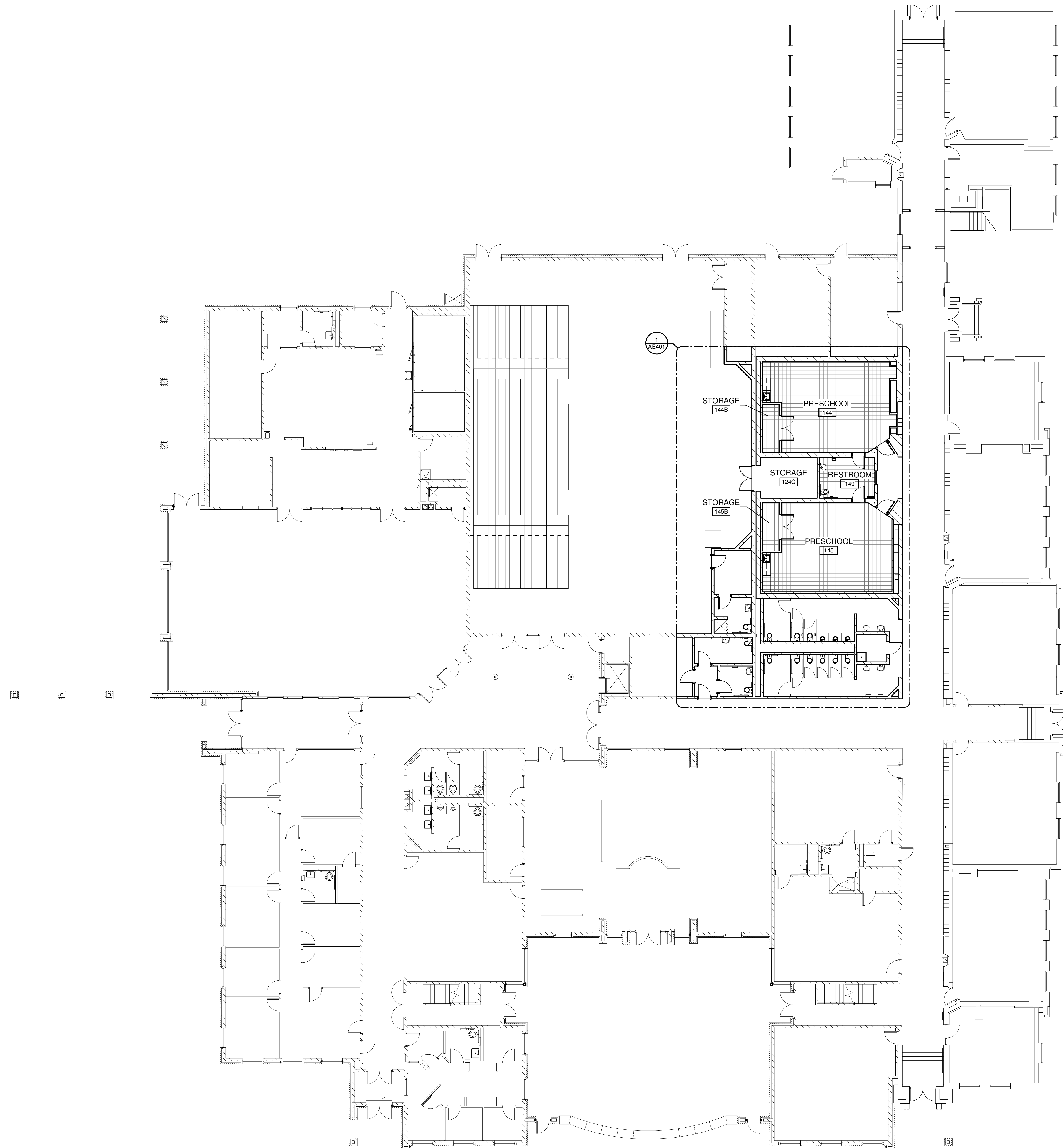
8 SOUTH ELEVATION - CLASSROOM 144
SCALE: 1/4" = 1'-0"



CONSTRUCTION DOCUMENTS

FIRST LEVEL


SCALE: 3/32" = 1'-0"



PLAN NORTH

GENERAL NOTES:

SHEET KEYNOTES:



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CLIENT PROJECT NO. FCPS

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CONSTRUCTION DOCUMENTS

FIRST LEVEL - FLOOR PLAN

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AE101

1 FIRST LEVEL - ENLARGED PLAN - NEW CONSTRUCTION
SCALE: 1/4" = 1'-0"



SHEET KEYNOTES:

- | | |
|----|--|
| 1 | ADA COMPLIANT WALL HUNG LAVATORY. |
| 2 | 6" NON STRUCTURAL PANEL CEILING |
| 3 | FLOORING. |
| 4 | ADA COMPLIANT FLOOR MOUNTED WATER |
| 5 | 5/8" TYPE X MOISTURE RESISTANT GYPSUM |
| 6 | BOARD CEILING WITH FINISHED FINISH. |
| 7 | EXISTING ACoustICAL PANEL CEILING TO |
| 8 | REMAIN. |
| 9 | EXISTING WALL CABINETS TO REMAIN. |
| 10 | EXISTING TALL STORAGE CASEWORK TO |
| 11 | REMAIN. |
| 12 | EXISTING BASE CABINETS TO REMAIN. |
| 13 | 5/8" TYPE X HIGH IMPACT RESISTANT GYPSUM |
| 14 | BOARD ON PAINT FINISH TO REMAIN. |
| 15 | EXISTING DOOR AND FRAME TO REMAIN. |
| 16 | 13 5/8" NON STRUCTURAL GALVANIZED METAL |
| 17 | WALL FRAMING 20 GAUGE AT 16" O.C. |
| 18 | EXISTING 2X4 EXPOSED LIGHT FIXTURE. |
| 19 | SEE ELECTRICAL PLANS. |
| 20 | ACoustICAL PANEL CEILING - PROVIDE 2X2 |
| 21 | 1/2" FIBERED TYPED MINIMUM 1713 AS |
| 22 | MANUFACTURED BY ARMSTRONG OR |
| 23 | APPROVED EQUAL. |
| 24 | RESILIENT COVE BASE |
| 25 | EXISTING ELECTRICAL PANEL TO REMAIN. |
| 26 | EXISTING VOT FLOORING TO REMAIN. |
| 27 | HEAD, NEW FULLY RECESSED SPRINKLER |
| 28 | PIPE, THE INTO EXISTING FIRE SUPPRESSION |
| 29 | SYSTEM, THE INTO EXISTING PROTECTION PLAN. |
| 30 | PROVIDE NEW CERAMIC TILE FLOORING. |
| 31 | EXISTING VANITY / SINK TO REMAIN. |

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CONSTRUCTION DOCUMENTS

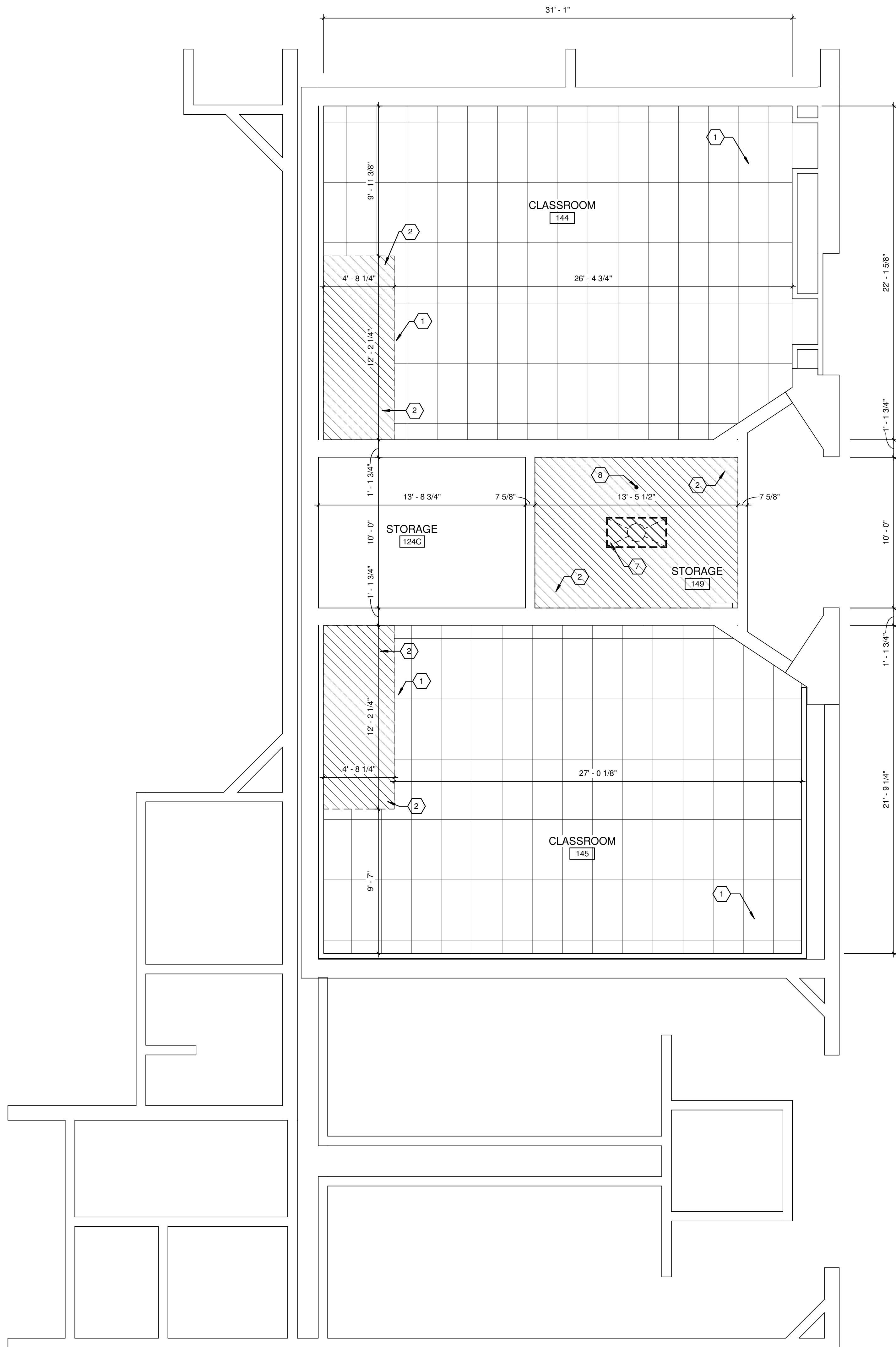
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DOOR AND FRAME SCHEDULE															COMMENTS		
DOOR IDENTIFICATION			DOOR					FRAME						FIRE RATING		HARDWARE	
DOOR MARK	FROM ROOM	TO ROOM	WIDTH	SIZE HEIGHT	THICKNESS	DOOR MATERIAL	TYPE	DOOR GLAZING	FRAME MATERIAL	FRAME TYPE	FRAME GLAZING	DETAIL				SET NUMBER	KEYSIDE ROOM NUMBER
												HEAD DETAIL	JAMB DETAIL	SILL DETAIL	LABE		
144B	STOREROOM	PRESCHOOL	6' - 0"	7' - 0"	1 3/4"	WOOD - SOLID CORE	B	N/A	HOLLOW METAL	2	N/A	2/AE601	3/AE601	4/AE601	N/A	144B	
145B	STOREROOM	STORAGE	6' - 0"	7' - 0"	1 3/4"	WOOD - SOLID CORE	B	N/A	HOLLOW METAL	2	N/A	1/AE601	2/AE601	3/AE601	0HR	2	145B
149A	RESTROOM	RESTROOM	3' - 0"	7' - 0"	1 3/4"	WOOD - SOLID CORE	A	N/A	HOLLOW METAL	1	N/A	1/AE601	5/AE601	6/AE601	0HR	1	144A
149B	RESTROOM	PRESCHOOL	3' - 0"	7' - 0"	1 3/4"	WOOD - SOLID CORE	A	N/A	HOLLOW METAL	1	N/A	4/AE601	5/AE601	6/AE601	0HR	1	149B

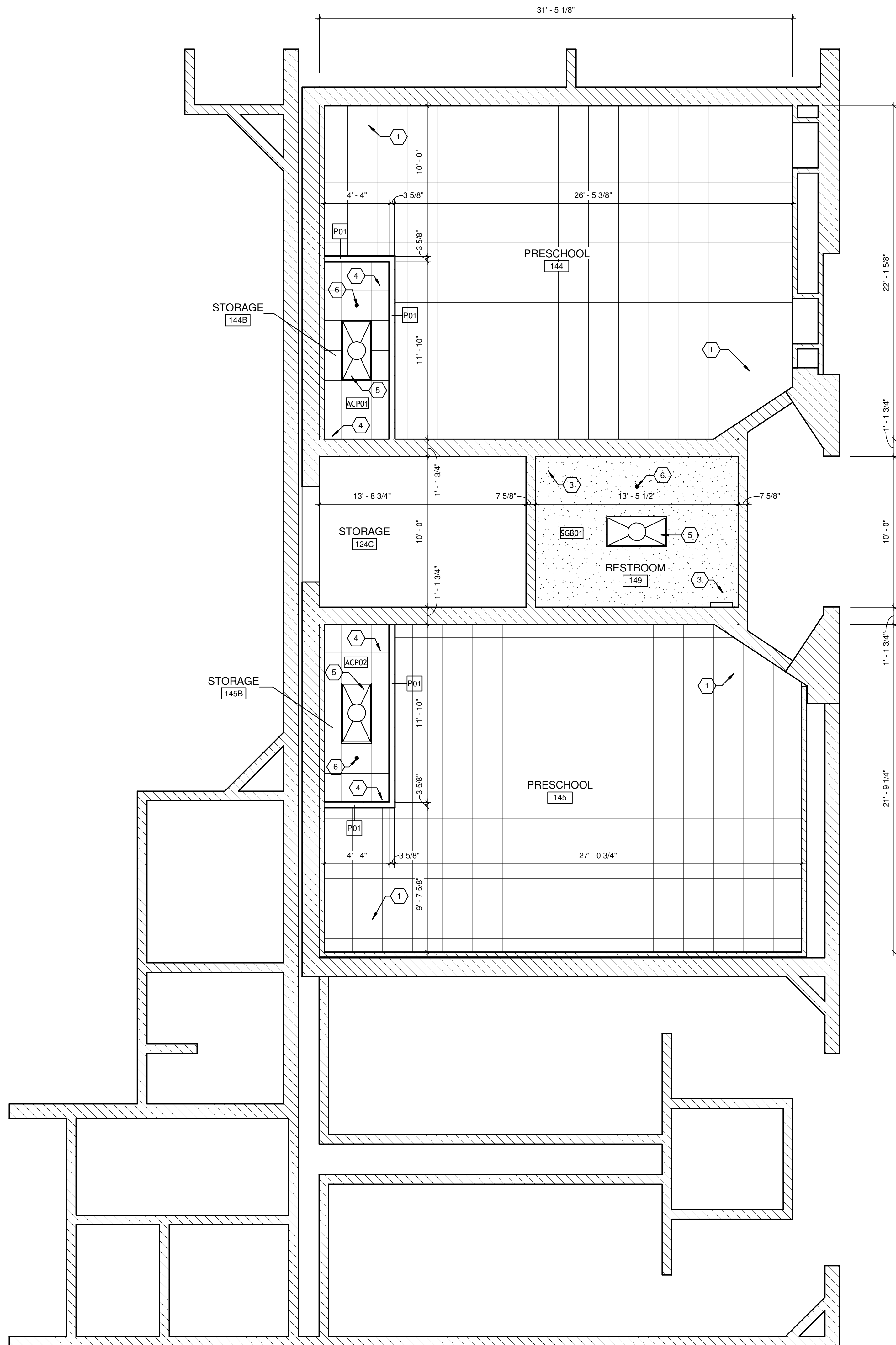
CEILING SCHEDULE					
MARK	TYPE MARK	CEILING TYPE	DESCRIPTION	AREA	COMMENTS
ACP01	ACP1	Compound Ceiling: 2' x 2' ACT System		42 SF	
ACP02	ACP1	Compound Ceiling: 2' x 2' ACT System		42 SF	
ACP1: 2				85 SF	
SGB01	SGB1	Compound Ceiling: GWB on Mt. Stud		134 SF	
SGB1: 1				134 SF	

WALL SCHEDULE				
Mark	Type Mark	Family and Type	Description	Comments
P1	P01	Basic Wall: INTERIOR - GYPSUM BOARD FRAMING GYPSUM BOARD	52 SF	
P2	P01	Basic Wall: INTERIOR - GYPSUM BOARD FRAMING GYPSUM BOARD	85 SF	
P3	P01	Basic Wall: INTERIOR - GYPSUM BOARD FRAMING GYPSUM BOARD	52 SF	
P4	P01	Basic Wall: INTERIOR - GYPSUM BOARD FRAMING GYPSUM BOARD	85 SF	
P01: 4			274 SF	
P5	P02	Basic Wall: Generic - 13" Masonry	12 SF	
P6	P02	Basic Wall: Generic - 13" Masonry	12 SF	
P02: 2			23 SF	

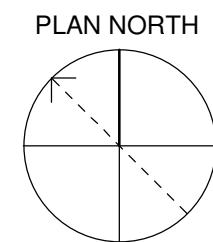




1 FIRST LEVEL - ENLARGED REFLECTED CEILING PLAN - DEMOLITION
SCALE: 1/4" = 1'-0"



2 FIRST LEVEL - ENLARGED REFLECTED PLAN - NEW CONSTRUCTION
SCALE: 1/4" = 1'-0"



GENERAL NOTES:

- EXISTING LIGHT FIXTURES TO REMAIN UNLESS NOTED OTHERWISE. EXISTING LIGHT FIXTURES ARE NOT SHOWN FOR CLARITY.

SHEET KEYNOTES:

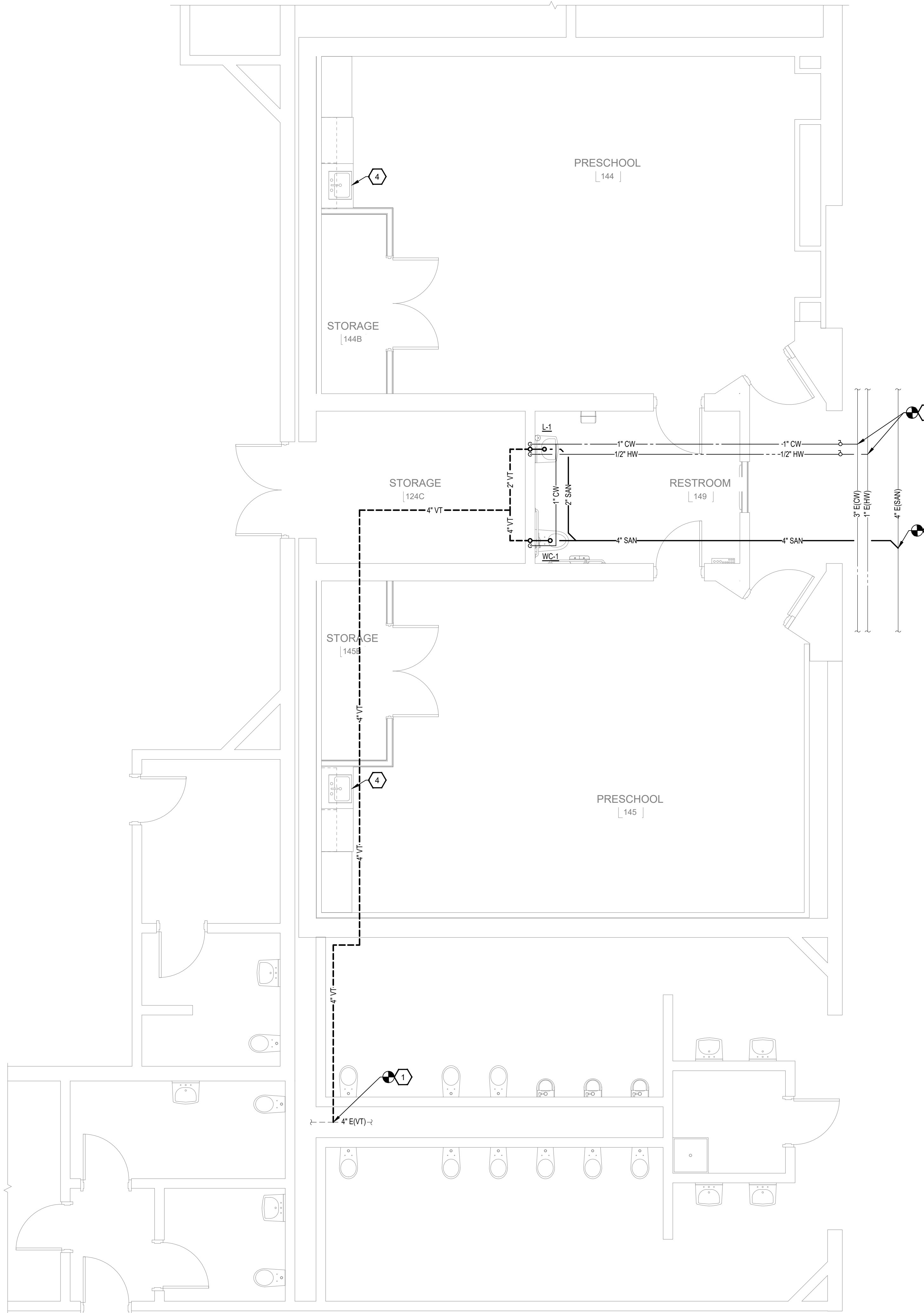
- EXISTING ACOUSTICAL PANEL CEILING TO REMAIN.
- SELECTIVE DEMOLITION, REMOVE EXISTING ACOUSTICAL PANEL CEILING. PREPARE FOR NEW SUSPENDED GYPSUM BOARD CEILING.
- 5/8" TYPE X MOISTURE RESISTANT GYPSUM BOARD CEILING WITH PAINT FINISH.
- ACOUSTICAL PANEL CEILING - PROVIDE 2X2 FINE FISSED ITEM NUMBER 1713 AS MANUFACTURED BY ARMSTRONG OR APPROVED EQUAL.
- PROVIDE NEW 2X4 RECESSED LIGHT FIXTURE. SEE ELECTRICAL PLANS.
- PROVIDE NEW FULLY RECESSED SPRINKLER HEAD. TIE INTO EXISTING FIRE SUPPRESSION SYSTEM. SEE FIRE PROTECTION PLANS.
- EXISTING LIGHT FIXTURE TO BE REMOVED.
- EXISTING FIRE SUPPRESSION HEAD TO BE RELOCATED.

AREA KEY PLAN

AF401		SHEET NO.		SCALE: 1/4" = 1'-0"		DATE: APRIL 15, 2025		REVISIONS		DESIGNED: DRV		DRAWN: DRV		REVIEWED: DRV		APPROVED: DRV		ENLARGED REFLECTED CEILING PLAN - DEMO NEW CONSTRUCTION ARLINGTON PRESCHOOL CLASSROOMS BG# 25-321 122 ARCEME AVE. LEXINGTON KY				GRW PROJECT NO. 4879.07			
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PLUMBING FIXTURES AND SPECIALTIES SCHEDULE										
MARK	FIXTURE	MANUFACTURER	MODEL	TYPE / TRIM	PIPE SIZES				MOUNTING	REMARKS
					WASTE	VENT	CW SUPPLY	HW SUPPLY		
WC-1	WATER CLOSET	AMERICAN STANDARD	MODEL NO. 2282.001 - BABY DEVORO FLOWWISE FLUSHOMETER TOILET SLOAN, MODEL NO. ROYAL 111-1.28, FLUSH VALVE	VITREOUS CHINA, HIGH EFFICIENCY, SIPHON JET, 1 1/2" TOP SPUD 10 1/4" RIM HEIGHT, 1.28 GPF FLUSH VALVE BEMS, MODEL NO. BB955C, SEAT WITH EXTERNAL CHECK HINGES CHROME PLATED ANGLE STOP AND SUPPLY	4"	2"	1"	-	FLOOR MOUNT	PROVIDE WITH FLANGE AND WAX RING
L-1	LAVATORY	AMERICAN STANDARD	MODEL NO. 0355.012 - LUCERNE LAVATORY DELTA, MODEL NO. 22C551 FAUCET	VITREOUS CHINA, WALL-HUNG, FRONT OVERFLOW, GRID DRAIN 0.5 GPM FAUCET CHROME PLATED OFFSET TAILPIECE AND TRAP CHROME PLATED WATER STOPS AND SUPPLIES	2"	2"	1/2"	1/2"	SEE ARCHITECT DWGS	PROVIDE ON THE EXPOSED WASTE PIPE AND WATER SUPPLY LINES A TRAP-WRAP INSULATION KIT WITH A VINYL AND PLASTIC COVERING.

NOTE: SEE SPECIFICATIONS FOR FIXTURE AND SPECIALTY STANDARDS AND ADDITIONAL MANUFACTURERS.



1 FIRST LEVEL - ENLARGED PLUMBING PLAN - NEW WORK
SCALE: 1/4"=1'-0"

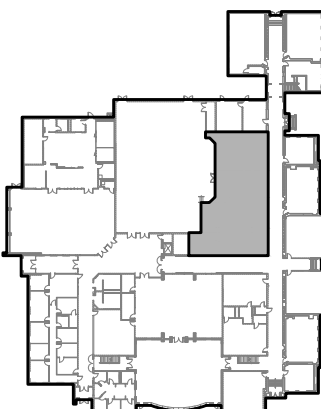
GENERAL NOTES:

- SEE SHEET M-001 FOR PLUMBING LEGEND AND GENERAL NOTES.

SHEET KEYNOTES:

- TIE INTO EXISTING VENT PIPING IN PLUMBING CHASE. FIELD VERIFY EXACT LOCATION.
- TIE INTO EXISTING HOT AND COLD PIPING IN CORRIDOR. FIELD VERIFY EXACT LOCATION.
- TIE INTO EXISTING SANITARY PIPING UNDER CORRIDOR SLAB. FIELD VERIFY EXACT LOCATION.
- EXISTING CASEWORK SINK TO REMAIN.

AREA KEY PLAN



FIRST LEVEL - ENLARGED PLUMBING PLAN - NEW WORK
FCPS - ARLINGTON ELEMENTARY - RENOVATION
122 ARCEME AVE. LEXINGTON KY

REVISIONS		DESIGNED	
NO.	DESCRIPTION	DATE	BY
			JAC
			JAC
			CVS
			CVS

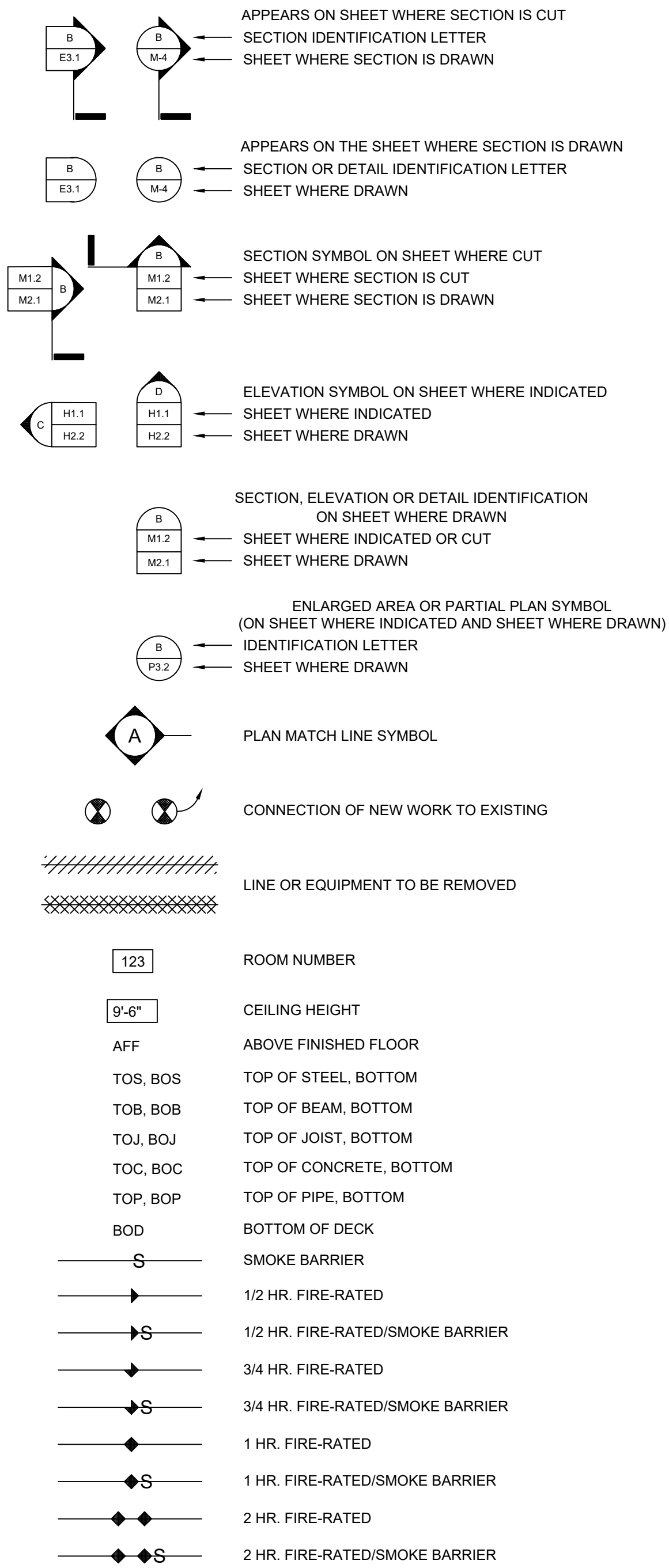
DATE: APRIL 15, 2025
SCALE: 1/4" = 1'-0"
SHEET NO: P-401

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CLIENT PROJECT NO. 25-321

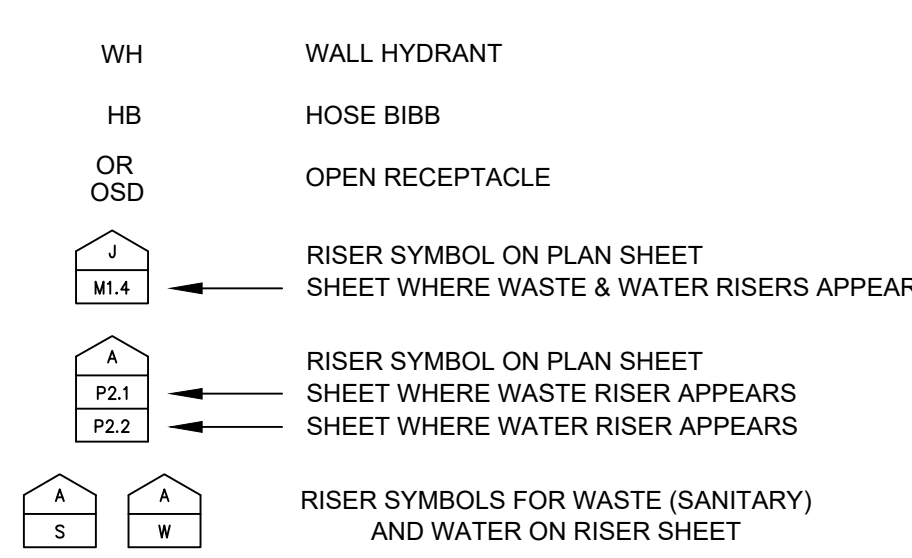
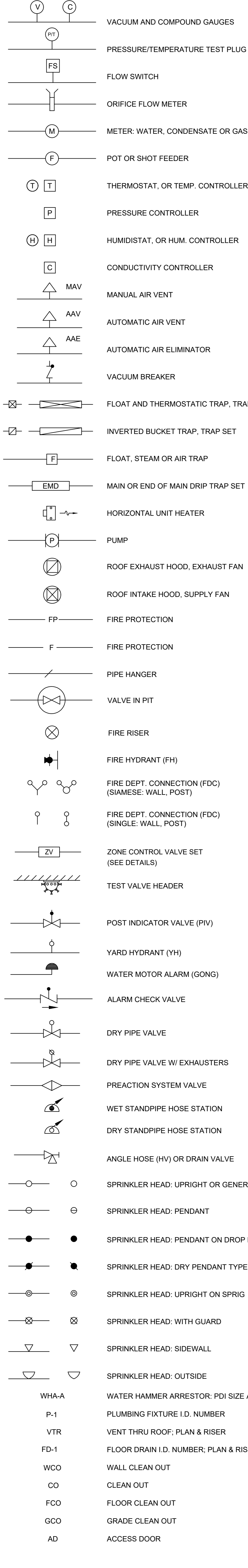
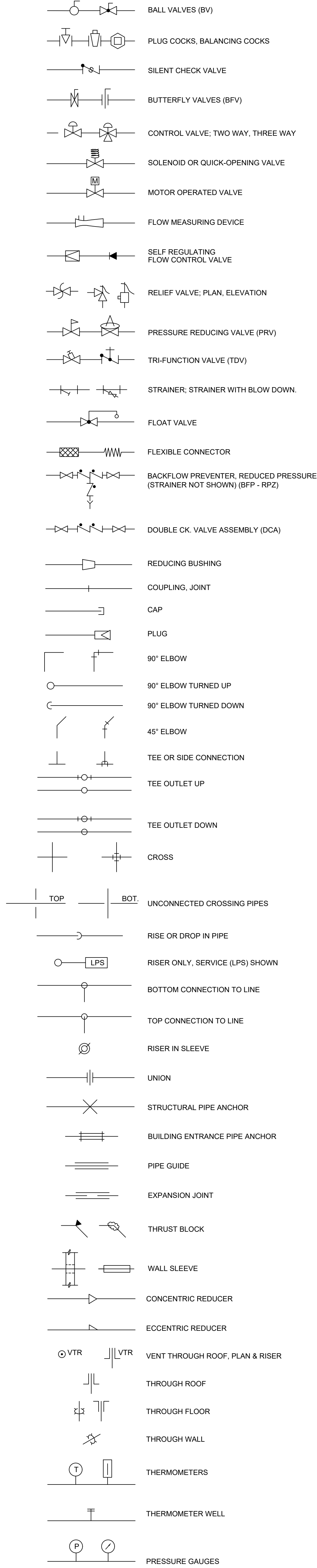
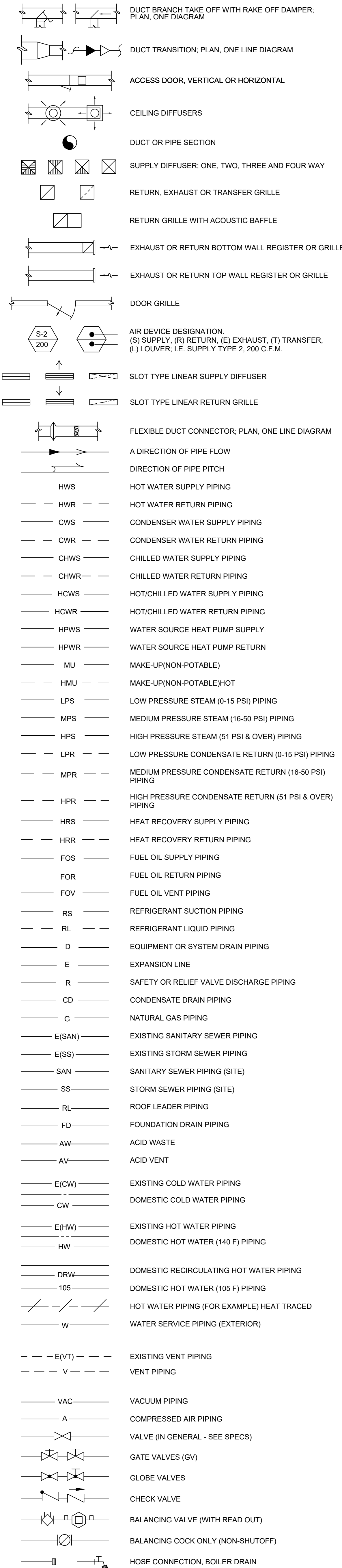
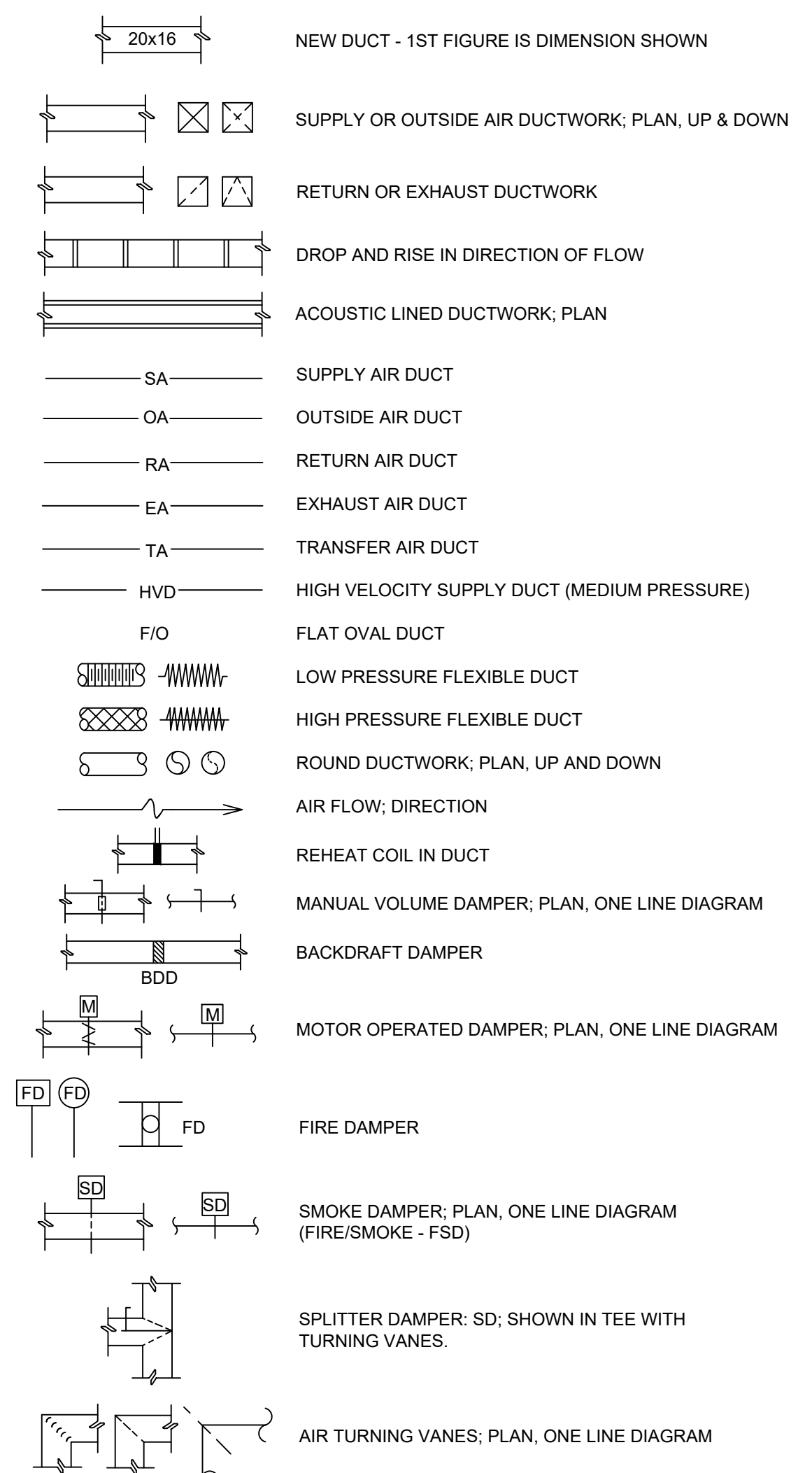
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GENERAL LEGEND



NOTE: LEGENDS ALSO APPEAR ON INDIVIDUAL PLANS, SCHEDULES AND DETAILS.

MECHANICAL LEGEND
HVAC, PLUMBING & FIRE PROTECTION



GENERAL NOTES:

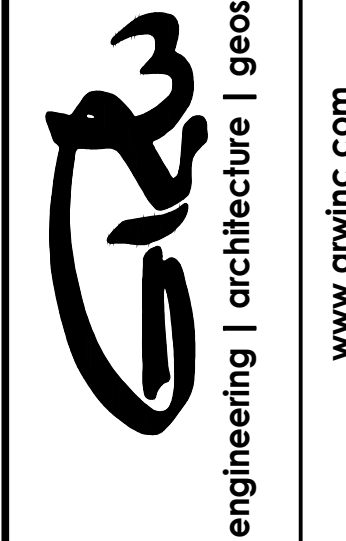
- GENERAL NOTES, WHEREVER THEY ARE FOUND, APPLY TO ALL WORK IN THE PROJECT, UNLESS OTHERWISE INDICATED. SHEET NOTES, UTILIZING NOTE SYMBOLS, APPLY ONLY TO THE SHEET ON WHICH THEY ARE FOUND, UNLESS OTHERWISE STATED. THE MEANING OF NOTE SYMBOLS AND NUMBERS VARIES FROM SHEET TO SHEET.
- CONTRACTOR SHALL UTILIZE ALL INFORMATION IN THE CONTRACT DOCUMENTS FOR PROVIDING THE WORK. CONTRACTOR SHALL UTILIZE DETAILS AND FLOW DIAGRAMS FOR THE WORK WHERE APPROPRIATE, WHETHER OR NOT THEY ARE SPECIFICALLY REFERENCED ON THE PLANS OR SUPPORTING DRAWINGS.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE ANY WORK RELATING TO THOSE CONDITIONS IS PERFORMED.
- LEGENDS OR LISTS OF SYMBOLS AND ABBREVIATIONS ARE GENERAL IN NATURE AND MAY CONTAIN ITEMS NOT USED IN THE CONTRACT DOCUMENTS. IF ANY SUCH ITEMS ARE FOUND WHICH ARE NOT DEFINED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER SHALL BE CONTACTED FOR CLARIFICATION BEFORE THE BID.
- CONTRACTOR SHALL MAINTAIN A SET OF PROJECT RECORD DRAWINGS AT THE JOB SITE AND SHALL BE RESPONSIBLE FOR MAKING CLEAR, NEAT CHANGES TO THE DRAWINGS, REFLECTING CHANGES TO THE WORK AND VARIANCE IN EXISTING CONDITIONS.
- PROVIDE ALL MISCELLANEOUS STEEL, AS REQUIRED, TO SUPPORT ALL MECHANICAL DUCT AND PIPING SYSTEMS AND EQUIPMENT. HANG ALL EQUIPMENT FROM STRUCTURE WITH MINIMUM OF TWO TRAPEZE ASSEMBLIES OR FOUR INTEGRAL MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL FOUR SUPPORTS. DO NOT HANG ANYTHING FROM STEEL, COMPOSITION OR WOODEN DECKS. NON-ROOF CONCRETE DECKS MAY BE USED ONLY WITH PERMISSION OF THE ENGINEER. DO NOT HANG ANYTHING FROM MECHANICAL OR ELECTRICAL ITEMS.
- NO STEEL STRUCTURAL MEMBERS SHALL BE CUT, BURNED, WELDED OR DRILLED WITHOUT SPECIFIC PERMISSION OF THE ENGINEER.
- NO WOODEN STRUCTURAL MEMBERS SHALL BE CUT OR DRILLED EXCEPT AS INDICATED IN THE CONTRACT DOCUMENTS OR AS APPROVED BY THE ENGINEER.
- ALL EQUIPMENT, ACCESSORIES, PIPING, WIRING, DUCT AND OTHER WORK, WHICH IS INSTALLED IN FINISHED SPACES SHALL BE CONCEALED IN WALLS, FLOORS, FURRED CHASES OR SUSPENDED CEILINGS, EXCEPT FOR INDICATED TERMINAL UNITS, CONTROLS, AIR INLETS AND OUTLETS, AS SHOWN.
- DUCT DAMPERS IN INACCESSIBLE CEILINGS MAY BE PROVIDED WITH APPROVED REMOTE OPERATORS INSTEAD OF ACCESS DOORS.
- DO NOT CHANGE PATH OF PIPING OR DUCT RUNS. ADD TURNS OR OFFSETS OR CHANGE DUCT DIMENSIONS OR PIPE SIZE WITHOUT FIRST CONSULTING THE ENGINEER. PIPE SIZES SHOWN ON DRAWINGS ARE NOMINAL UNLESS OTHERWISE INDICATED. ALL DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS FOR SHOP OR FIELD-FABRICATED DUCT AND NOMINAL SIZES FOR FACTORY FABRICATED DUCT.
- FOR TYPICAL STEAM, WATER, REFRIGERANT AND AIR CONNECTIONS TO EQUIPMENT, SEE STANDARD DETAILS.
- ALL COPPER PIPING SHALL BE ASSEMBLED WITH WROUGHT COPPER OR CAST COPPER ALLOY FITTINGS AND 95/5 TIN ANTIMONY SOLDER OR SILVER BRAZING. NO SOLDER CONTAINING LEAD SHALL BE USED.
- ALL CHECK VALVES IN PUMP DISCHARGES SHALL BE SPRING-LOADED OR SILENT TYPE OR FOR LARGE WASTE: LEVER-WEIGHTED TYPE.
- ALL EXISTING EQUIPMENT SHUTDOWNS OR INTERRUPTIONS OF UTILITY SERVICE REQUIRED FOR COMPLETION OF THE WORK SHALL BE SCHEDULED IN ADVANCE, AS REQUIRED BY THE OWNER.
- COORDINATE ALL PIPING AND DUCTWORK WITH BOTH NEW AND EXISTING MECHANICAL AND ELECTRICAL WORK, INCLUDING HVAC, PLUMBING, ELECTRICAL, FIRE ALARM, SPRINKLER AND COMMUNICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR MAKING ALL REQUIRED CONNECTIONS FOR A COMPLETE SYSTEM. CONNECTIONS OF NEW WORK TO EXISTING IS USUALLY INDICATED BY SPECIAL SYMBOL (SEE LEGEND). SYMBOLS MISSING FROM THE DRAWINGS DO NOT EXCLUDE THE CONTRACTOR FROM PROVIDING THE WORK.
- ANY AND ALL DAMAGE DUE TO DEMOLITION OR CONSTRUCTION IS TO BE REPAIRED OR REPLACED AS APPROPRIATE, SUBJECT TO ENGINEER'S APPROVAL, AND AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL NOT REMOVE OR DISTURB ANY SUSPECTED HAZARDOUS MATERIALS, INCLUDING ASBESTOS-CONTAINING MATERIALS (ACM), LEAD-BASED PAINTS, ELECTRICAL GEAR CONTAINING PCB'S OR ANY OTHER, EXCEPT AS INSTRUCTED IN THIS CONTRACT. IF ANY MATERIAL NOT COVERED BY THE CONTRACT IS ENCOUNTERED, NOTIFY THE ENGINEER AT ONCE.
- ALL DEMOLISHED OR REMOVED EQUIPMENT, PIPING, DUCTWORK, SUPPORTS, CONTROLS AND THE LIKE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED.
- REINSULATE ALL DUCTWORK AND PIPING WHERE EXISTING INSULATION HAS BEEN REMOVED OR DAMAGED DURING THE PROJECT.
- EXISTING OUTLETS (EXS) ARE SHOWN FOR BALANCING PURPOSES ONLY. NO MODIFICATIONS ARE REQUIRED.
- ALL DUCTWORK AND SHEET METAL SHALL BE PROVIDED AS INDICATED AND SHALL BE MANUFACTURED AND SHOP-OR FIELD-FABRICATED, AS A MINIMUM, IN ACCORDANCE WITH THE RECOMMENDATIONS AND DETAILS OF SMACNA, UNLESS SPECIFICALLY INDICATED OTHERWISE.
- FANS SHALL BE PROVIDED AS INDICATED BY GREENHECK, CARNES, COOK OR APPROVED EQUAL. GRILLES, REGISTERS AND DIFFUSERS SHALL BE PROVIDED AS INDICATED BY TITUS, TUTTLE AND BAILEY, PRICE, CARNES OR APPROVED EQUAL. LOUVERS, HOODS AND PENTHOUSES SHALL BE PROVIDED AS INDICATED BY GREENHECK, AIRSTREAM, LOUVERS AND DAMPERS, CARNES, RUSKIN OR APPROVED EQUAL. PROVIDE FIRE AND SMOKE DAMPERS IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA AND THE KY BUILDING CODE.
- ALL HVAC PIPING SHALL BE IN ACCORDANCE WITH ASME STANDARDS AND PRACTICES AND THE REQUIREMENTS OF THE KY BUILDING CODE. HVAC PIPING SHALL BE FLANGED AND WELDED STEEL 3" AND ABOVE, TYPE 1, COMPETE FOR 2" AND BELOW AND EITHER FOR 2" 1/2". ALL WELDING SHALL BE IN ACCORDANCE WITH AWS STANDARDS.
- PROVIDE ALL HVAC EQUIPMENT AND ACCESSORIES AS INDICATED. INSTALL IN COMPLIANCE WITH ALL REQUIREMENTS OF THE KY BUILDING CODE.
- MOUNT ALL ROOM THERMOSTATS OR ADJUSTABLE SENSORS AT HEIGHTS ABOVE FINISHED FLOOR, AS DIRECTED BY THE ENGINEER.
- ALL HYDRONIC PIPING SYSTEMS SHALL BE PITCHED UP 1" IN 40 FT. IN DIRECTION OF FLOW.
- ALL HIGH POINTS IN HYDRONIC PIPING SYSTEMS SHALL CONTAIN AIR CHAMBERS WITH AUTOMATIC AIR VENTS, PIPED PER DETAILS.
- ALL LOW POINTS IN HYDRONIC PIPING SYSTEMS SHALL CONTAIN A 3/4" DRAIN BALL VALVE WITH HOSE CONNECTION.
- PIPING TO HEATING AND COOLING WATER COILS SHALL BE MADE TO PROVIDE COUNTERFLOW BETWEEN WATER AND AIR.
- DO NOT USE BULL-HEADED TEE FITTINGS, EITHER ON PIPE OR ON DUCT, UNLESS SPECIFICALLY SHOWN, OR IN THE CASE OF DUCT, UNLESS INTERNAL TURNING VANES PER SMACNA ARE PROVIDED.
- CONSULT ARCHITECTURAL REFLECTED CEILING PLAN FOR PLACEMENT OF AIR TERMINALS. COORDINATE WITH MECHANICAL WORK AND WORK OF OTHER TRADES.
- SUPPLY AND RETURN DUCT RUNS SHOWN AS SINGLE-LINE DIAGRAM ON PLANS SHALL BE EXTERNALLY INSULATED GALVANIZED RECTANGULAR DUCT, CONSTRUCTED PER SMACNA STANDARDS, OR SINGLE WALL ROUND PIPE AS SPECIFIED. APPROPRIATELY RATED FLEX DUCT MAY BE SUBSTITUTED FOR A MAXIMUM OF FIVE FEET OF MORE OR LESS STRAIGHT (MAX 90 DEGREE BEND) RUN ON EITHER HIGH OR LOW VELOCITY DUCT.
- PROVIDE MANUAL DAMPERS IN ALL SUPPLY AND EXHAUST BRANCHES CONTAINING GRILLES, REGISTERS OR DIFFUSERS WHETHER SHOWN ON PLANS OR NOT AND PROVIDE DAMPERS IN RETURNS WHERE SHOWN. PROVIDE ADJUSTABLE TAKE-OFF FITTINGS WITH GRIDS IN LIEU OF MANUAL DAMPERS FOR ALL ROUND TAKE-OFFS FROM RECTANGULAR MAINS OR PLENUMS. DAMPERS IN DUCT DO NOT REPLACE DAMPERS SPECIFIED AS PART OF THE AIR TERMINAL ASSEMBLY OR VICE VERSA.
- USE TURNING VANES, PER SMACNA CONSTRUCTION GUIDELINES, FOR ALL MITERED RECTANGULAR TURNS OF 45 DEGREES OR MORE.
- CONTRACTOR SHALL MAKE MINOR OFFSETS AND LOCATION CHANGES IN PIPE AND DUCT AND IN DUCT ASPECT RATIO AS REQUIRED IN CONGESTED CEILING OR MECHANICAL SPACES. GENERALLY, THESE WILL BE AT NO COST TO THE OWNER AND APPROVED BY THE ENGINEER WITHOUT FORMAL DOCUMENTS. MAJOR REROUTING OF LINES OR MAJOR ADDITION OF FITTINGS WILL BE REVIEWED AND APPROVED AS A CHANGE ORDER OR A FORMAL DIRECTIVE. ENGINEER ALONE SHALL CLASSIFY CHANGES AS MAJOR OR MINOR.
- PROVIDE ALL CONTROLS NECESSARY TO OPERATE EQUIPMENT AS SHOWN OR DESCRIBED, INCLUDING VALVES, ACTUATORS, THERMOSTATS, DAMPERS, ALL ACCESSORY DEVICES, POWER AND/OR PNEUMATIC SERVICE.
- PROVIDE ADDITIONAL INPUT/OUTPUT POINTS REQUIRED TO IMPLEMENT CONTROL SEQUENCES SPECIFIED.
- PROVIDE ALL WORK NECESSARY FOR THE COMPLETE FIRE PROTECTION SYSTEM AS INDICATED AND NOTED, INCLUDING ALL CONNECTIONS TO EXISTING WORK, NEW PIPING AND ACCESSORIES AND FINAL FINISH MOUNTING OF SPRINKLERS IN LOCATIONS INDICATED AND TESTING, ALL AS REQUIRED TO MEET ALL PROVISIONS OF NFPA-13 AND THE KY BUILDING CODE. WORK SHALL BE PERFORMED BY A LICENSED SPRINKLER CONTRACTOR AND SHALL BE ACCOMPANIED BY CERTIFICATIONS OF INSPECTION AND APPROVAL BY THE DEPT. OF HOUSING, BUILDINGS AND CONSTRUCTION. ALL SCREWED PIPING SHALL BE MINIMUM SCH 40 STEEL. ALL VICTALIC TYPE PIPING SHALL BE MINIMUM SCH 10 STEEL.
- PROVIDE ALL WORK NECESSARY FOR THE COMPLETE FIRE PROTECTION SYSTEM AS INDICATED AND NOTED, INCLUDING ALL CONNECTIONS TO EXISTING WORK, NEW PIPING AND ACCESSORIES AND FINAL FINISH MOUNTING OF SPRINKLERS IN LOCATIONS INDICATED AND TESTING, ALL AS REQUIRED TO MEET ALL PROVISIONS OF NFPA-13, NFPA-14, NFPA-20 AND THE KY BUILDING CODE. WORK SHALL BE PERFORMED BY A LICENSED SPRINKLER CONTRACTOR.
- ALL FIRE PROTECTION COMPONENTS, INCLUDING BUT NOT LIMITED TO PUMPS, VALVES, PIPE & FITTINGS, CONTROL SYSTEMS AND TRIM SHALL BE UL AND/OR FM LISTED FOR FIRE SERVICE, WHERE SUCH LISTING EXISTS.
- PROVIDE LISTED AIR RELEASE FOR ALL TRAPPED RUNS OF FIRE PROTECTION PIPING.
- ALL FERROUS FIRE PROTECTION PIPING SHALL BE PAINTED RED WHERE EXPOSED TO VIEW; SHADE TO BE APPROVED BY ENGINEER.
- ALL FIRE PROTECTION SHUTOFF VALVES SHALL BE SUPERVISED BY THE ALARM SYSTEM EXCEPT ON JOCKEY PUMP AND BYPASS.
- FIRE PROTECTION PIPING CONNECTIONS MAY BE WELDED, FLANGED, SCREWED OR GROOVE-JOINT TYPE PER NFPA 13, 14, 20 AND THE SPECIFICATIONS FOR THIS PROJECT. NO SCREWED PIPING LARGER THAN 2 INCHES. PITCH ALL PIPING TO DRAIN.
- SPRINKLER HEADS SHOWN IN FIRE PROTECTION DRAWINGS ARE LOCATED APPROXIMATELY. CONSULT ARCHITECTURAL REFLECTED CEILING PLAN FOR PLACEMENT OF SPRINKLER HEADS IN FINISHED CEILINGS AND CEILING GRIDS. CONTRACTOR SHALL PROVIDE HYDRAULICALLY-DESIGNED PIPING SYSTEMS AND SHALL MODIFY LOCATION OF SPRINKLER HEADS ONLY AS REQUIRED TO CONFORM WITH CODE AND PREVENT BLOCKAGE OF PATTERN. [PROVIDE HEADS AS SHOWN UNLESS IN VIOLATION OF CODE]
- SPRINKLER HEADS SHALL BE CENTERED IN 2' x 2' SPACE IN EITHER 2' x 2' OR 2' x 4' GRID LAYOUT.
- COORDINATE ALL WORK. DO NOT MOUNT SPRINKLER HEADS OR HANG PIPING SUCH AS TO BLOCK ACCESS TO HVAC OR ELECTRICAL EQUIPMENT OR THE CHANGEOUT OF EQUIPMENT WHEN NECESSARY.
- PROVIDE SPECIAL HEADS AS REQUIRED FOR COMPLETE DESIGN. PROVIDE HIGH TEMPERATURE HEADS FOR AREAS NEAR SPACE HEATING OUTLETS AND EQUIPMENT.

MECHANICAL LEGEND AND GENERAL NOTES

FCPS - ARLINGTON ELEMENTARY - RENOVATION

122 ARCEME AVE. LEXINGTON KY

DESIGNER: C/S		BY:		DATE:		DOWN:		SPB:		REVISED:		C/S:		APPROVED:	
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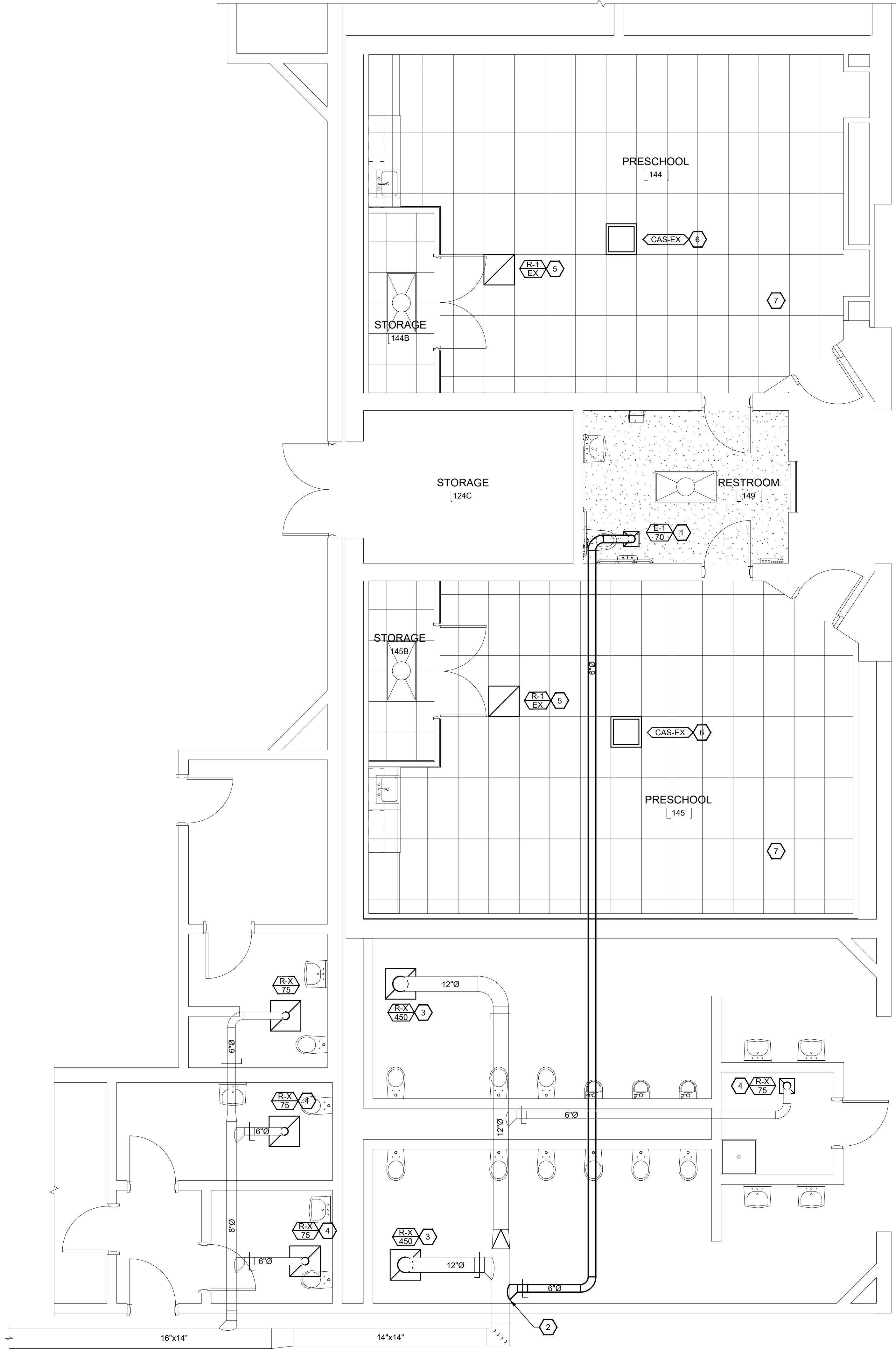


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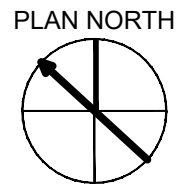
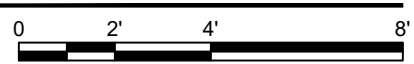
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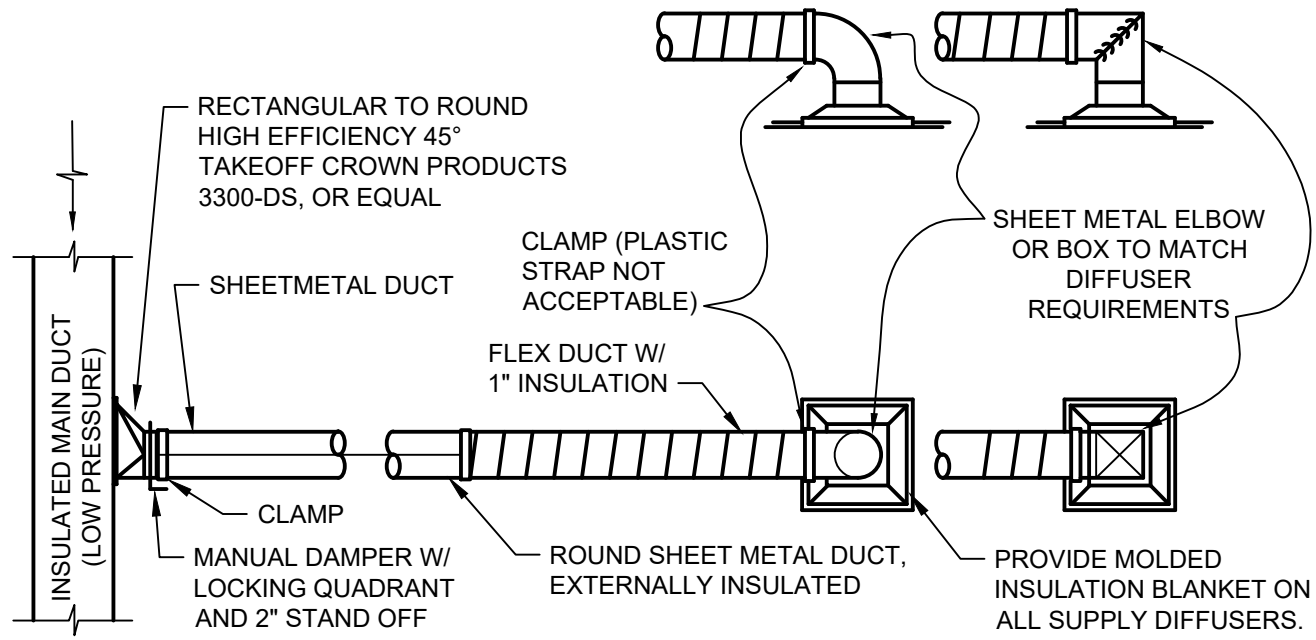
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1 FIRST LEVEL - ENLARGED HVAC PLAN - NEW WORK
SCALE: 1/4"=1'-0"



AIR DEVICE SCHEDULE								
MARK	MANUFACTURER	MODEL	MAX CFM	MODULE	AIR PATTERN	NECK	MAX NC	REMARKS
E-1	PRICE	80-EGG CRATE GRILLE	100	12X12	-	6	25	ALL
REMARKS: 1. LAY-IN TYPE 2. ALUMINUM CONSTRUCTION 3. COORDINATE AIR DEVICE LOCATIONS WITH REFLECTED CEILING PLANS PRIOR TO INSTALLATION. LIGHTING HAS PRIORITY OVER HVAC 4. COLOR BY ARCHITECT 75 PROVIDE WITH INLET TRANSITION BOX, ROUND TO RECTANGULAR OTHER ACCEPTABLE MANUFACTURERS INCLUDE: LAUREN COOK, TITUS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.								



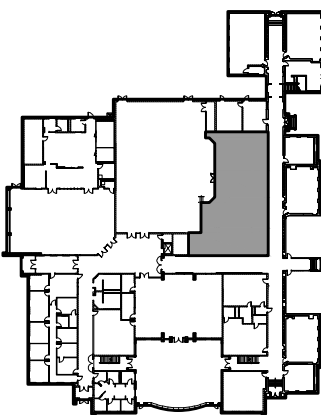
1 TYPICAL DIFFUSER & BRANCH TAKE-OFF DETAIL
NOT TO SCALE

GENERAL NOTES:

SHEET KEYNOTES:

1. NEW EXHAUST GRILLE AND DUCT TO BE ROUTED AS SHOWN AND CONNECTED TO EXISTING EXHAUST/MAU DUCTWORK.
2. CONNECT NEW 6" CIA. DUCT TO EXISTING EXHAUST/MAU DUCT AT THIS LOCATION.
3. REBALANCE EXISTING EXHAUST/RETURN GRILLE FROM 450 CFM TO 420 CFM.
4. REBALANCE EXISTING EXHAUST/RETURN GRILLE FROM 75 CFM TO 70 CFM.
5. EXISTING PLENUM RETURN GRILLE THAT WILL BE IN THE WAY OF NEW STORAGE CLOSET SHALL BE MOVED TO THIS LOCATION AS SHOWN.
6. EXISTING VRF CASSETTE SHALL REMAIN IN PLACE.
7. ALL OTHER EXISTING DIFFUSERS AND DUCTWORK SERVING THIS ROOM SHALL REMAIN IN PLACE.

AREA KEY PLAN



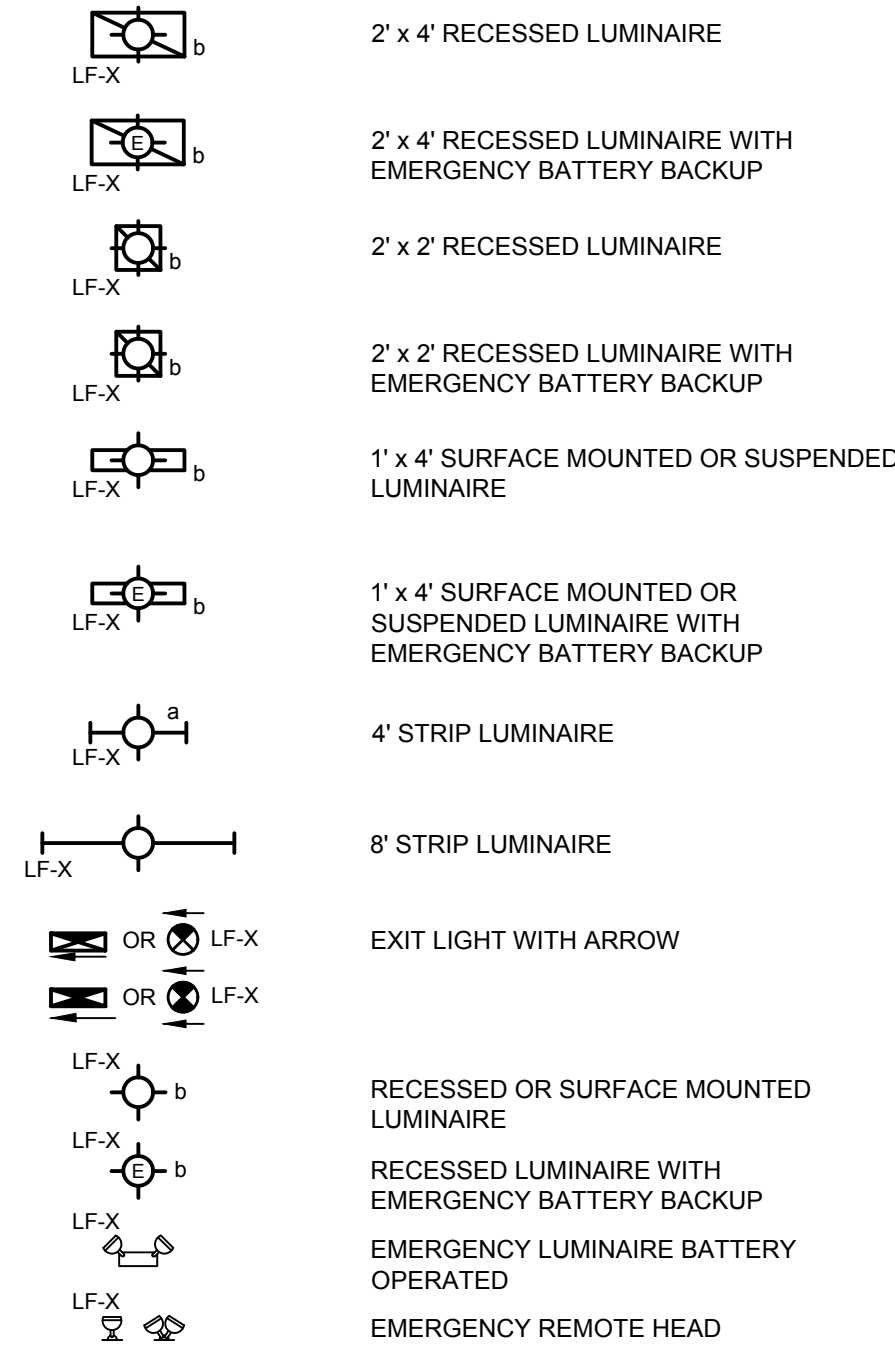
FIRST LEVEL - ENLARGED HVAC PLAN - NEW WORK
FCPS - ARLINGTON ELEMENTARY - RENOVATION
122 ARCEME AVE. LEXINGTON KY

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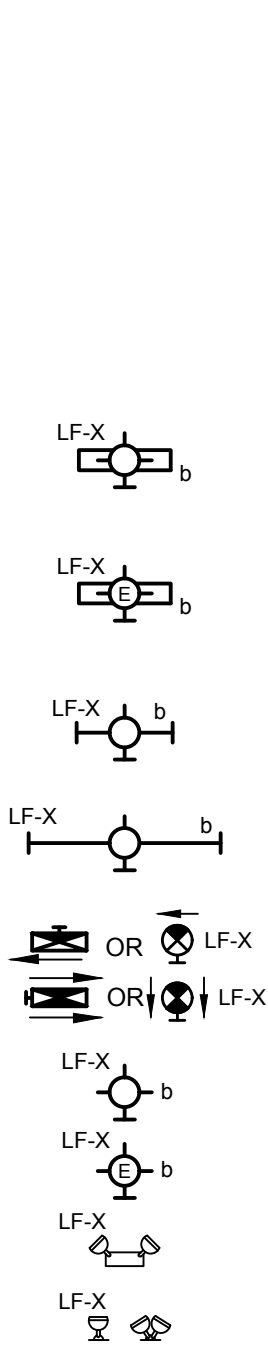
INTERIOR LIGHTING

SUBSCRIPTS INDICATE THE FOLLOWING:
LF-X = INDICATES FIXTURE TYPE
E = INDICATES EMERGENCY BATTERY BACKUP
a = DENOTES SINGLE SWITCH DESIGNATION
a/b = DENOTES DUAL SWITCH DESIGNATION

CEILING MTD

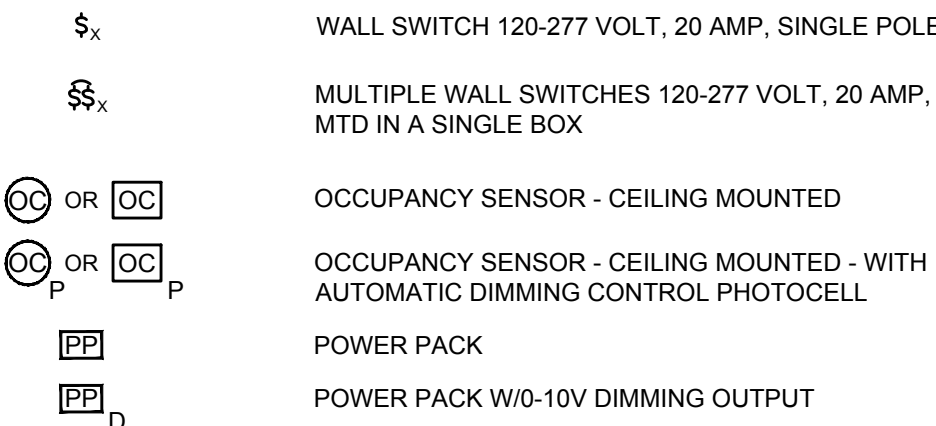


WALL MTD

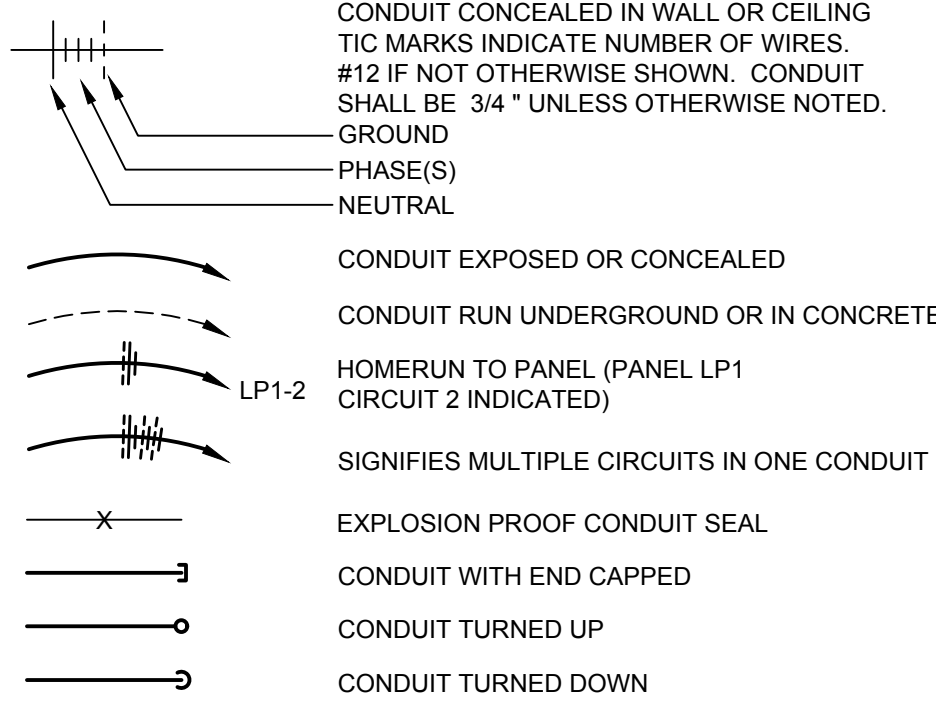


INTERIOR LIGHTING CONTROLS

SUBSCRIPTS INDICATE THE FOLLOWING:
a = SWITCH DESIGNATION
D = DIMMER
2 = DOUBLE-POLE
3 = THREE-WAY
4 = FOUR-WAY
K = KEY-OPERATED
P = PILOT LIGHT
T = TIMER
L = LOW-VOLTAGE
M = MOTOR RATED WITH OVERLOAD PROTECTION
IG = ISOLATED GROUND
EXP = EXPLOSION PROOF
WP = WEATHERPROOF
DR = DOOR SWITCH

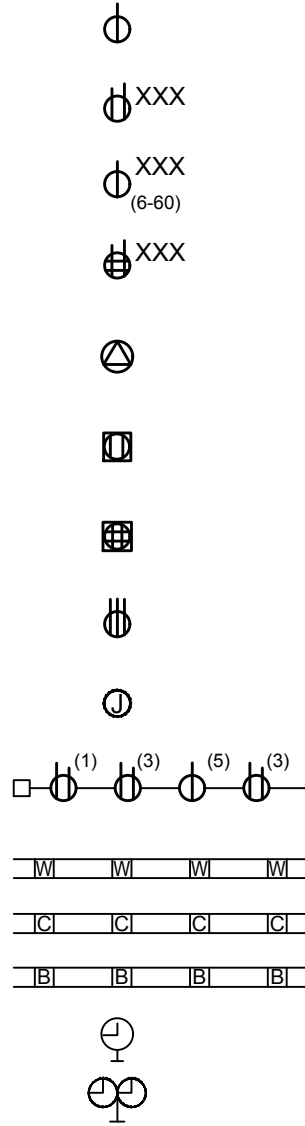


INTERIOR CONDUIT & WIRE



POWER WIRING DEVICES

SUBSCRIPTS INDICATE THE FOLLOWING:
WP = WEATHER PROOF, IN-USE COVER
WR = WEATHER RESISTANT WIRING DEVICE
GFCI = GROUND FAULT CIRCUIT INTERRUPTER
GF-BF = BLANK FACE GROUND FAULT INTERRUPT
IG = ISOLATED GROUND
EXP = EXPLOSION PROOF
ACT = ABOVE COUNTER TOP
TR = TAMPER RESISTANT
AFCI = ARC FAULT INTERRUPTER
TVSS = TRANSIENT VOLTAGE SURGE SUPPRESSOR



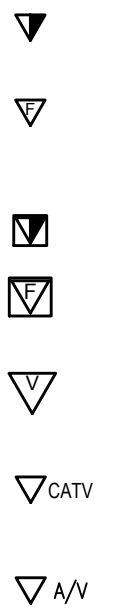
SINGLE RECEPTACLE, 125 VOLT, 2-POLE, 3-WIRE, NEMA 5-20R GROUNDING TYPE
DUPLX RECEPTACLE, 125 VOLT, 2-POLE, 3 WIRE, NEMA 5-20R GROUNDING TYPE
SPECIAL PURPOSE RECEPTACLE, NUMBER DENOTES NEMA CONFIGURATION
QUADRUPLEX RECEPTACLE, 125 VOLT, 2-POLE, 3 WIRE, NEMA 5-20R GROUNDING TYPE
SINGLE SPECIAL PURPOSE RECEPTACLE, NEMA CONFIGURATION NOTED
FLOOR MOUNTED DUPLX RECEPTACLE, 125-VOLT, 2-POLE, 3-WIRE, NEMA 5-20R GROUNDING TYPE
FLOOR MOUNTED QUADRUPLEX RECEPTACLE, 125-VOLT, 2-POLE, 3-WIRE, NEMA 5-20R GROUNDING TYPE
RANGE RECEPTACLE, 125/250 VOLT, 3-POLE, 4-WIRE, NEMA 14-50R GROUNDING TYPE
JUNCTION BOX WALL OR CLNG MOUNTED FLUSH OR SURFACE AS NOTED, 4"x4" SQUARE UNLESS OTHERWISE NOTED
MULTI-OUTLET SURFACE RACEWAY, SIZE AND NUMBER OF RECEPTACLE AS SCHEDULED. # INDICATES CIRCUIT NUMBER
WIREWAY
CABLE TRAY
PLUGIN OR FEEDER BUS
WALL MTD SINGLE FACE CLOCK
WALL MTD DOUBLE FACE CLOCK

POWER DEVICES

MOTOR CONNECTION (5 HP INDICATED)
DISCONNECT SWITCH (ENCLOSURE TYPE, SIZE, AND FUSING, IF REQUIRED, DESIGNATED ON DRAWINGS)
PANELBOARD, SURFACE MOUNTED
PANELBOARD, RECESSED
ENCLOSED CIRCUIT BREAKER (ENCLOSURE TYPE, SIZE DESIGNATED ON DRAWINGS)
MOTOR CONTROLLER (ENCLOSURE TYPE, SIZE DESIGNATED ON DRAWINGS)
COMBINATION STARTER/CIRCUIT BREAKER (ENCLOSURE TYPE, SIZE DESIGNATED ON DRAWINGS)
VARIABLE FREQUENCY DRIVE (ENCLOSURE TYPE, SIZE DESIGNATED ON DRAWINGS)
DRY TYPE TRANSFORMER - FLOOR MOUNTED ON 4" HIGH HOUSEKEEPING PAD
MAGNETIC CONTACT, DOOR MOUNTED
MAGNETIC CONTACT, WINDOW MOUNTED
PASSIVE INFRARED MOTION DETECTOR, ARROW DENOTES CURTAIN DIRECTION

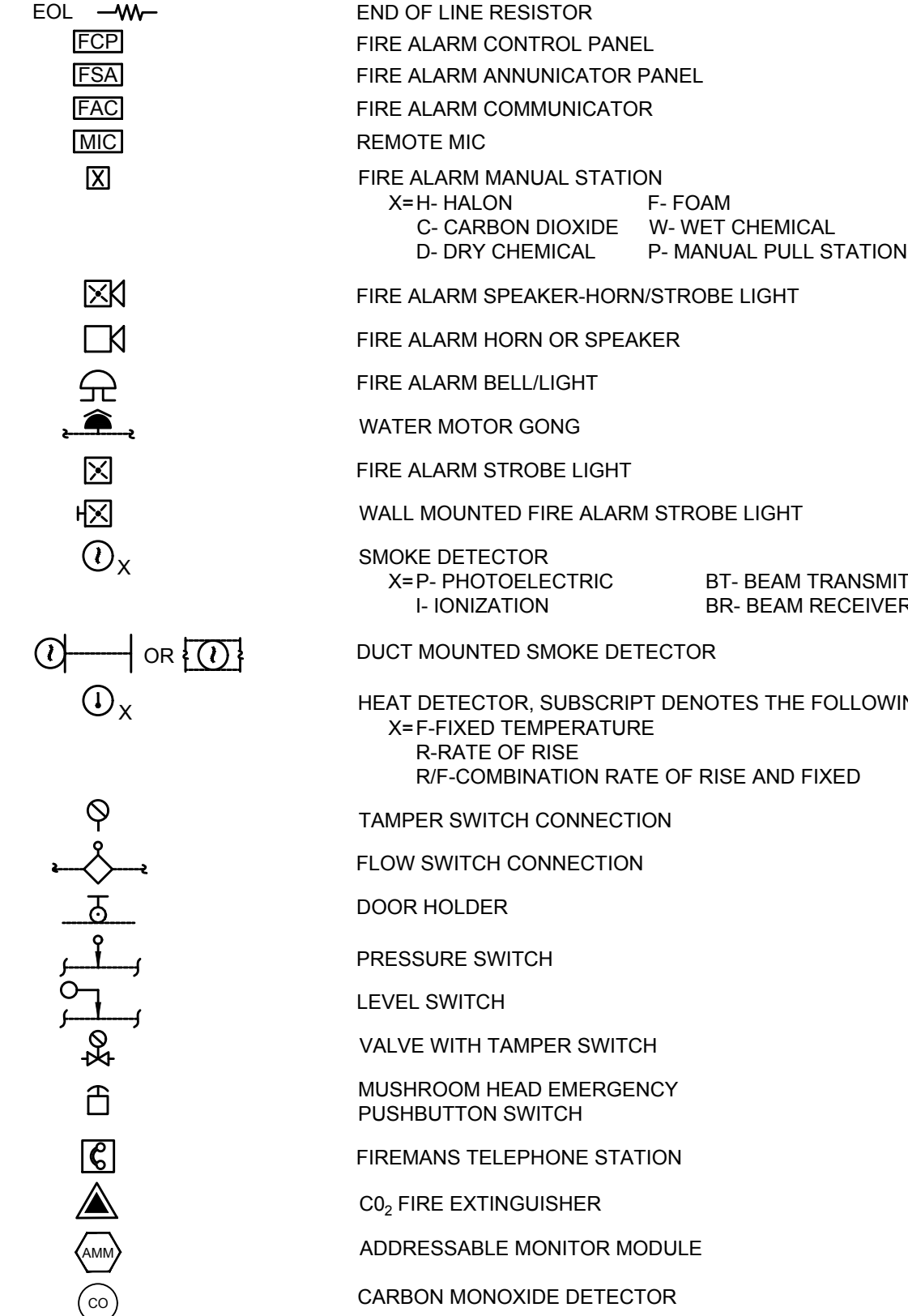
COMMUNICATION

SUBSCRIPTS INDICATE THE FOLLOWING:
V = VOICE OUTLET
D = DATA OUTLET
TYPE OF OUTLET
OF OUTLETS

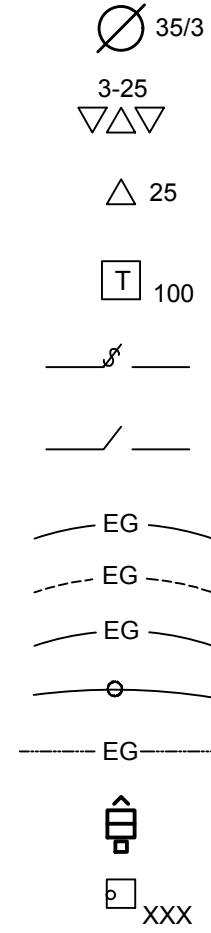


RJ-45 OUTLET - WALL-MOUNTED, MOUNT 18" AFF, UNLESS OTHERWISE NOTED
FIBER OUTLET, DUPLX LC CONNECTORS - WALL-MOUNTED, MOUNT 18" AFF, UNLESS OTHERWISE NOTED
RJ-45 OUTLET - FLOOR MOUNTED
FIBER OUTLET, DUPLX LC CONNECTORS - FLOOR MOUNTED
ONE POSITION VOICE OUTLET (RJ-45) - WHITE JACK - WALL-MOUNTED AT 48" AFF, UNLESS OTHERWISE NOTED
CABLE TV OUTLET, MOUNT AT HEIGHT INDICATED ON FLOOR PLANS - REQUIRES A TYPE F COMPRESSION CONNECTOR
AUDIO VISUAL OUTLET, MOUNT AT HEIGHT INDICATED ON FLOOR PLANS - REQUIRES TYPE F COMPRESSION CONNECTOR - EMPTY BOX FOR OWNER PROVIDED DATA CABLING

FIRE ALARM/SUPPRESSION SYSTEM DEVICES



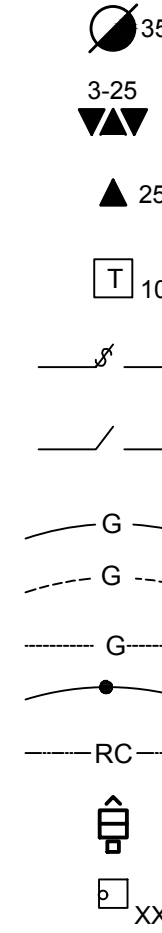
EXISTING



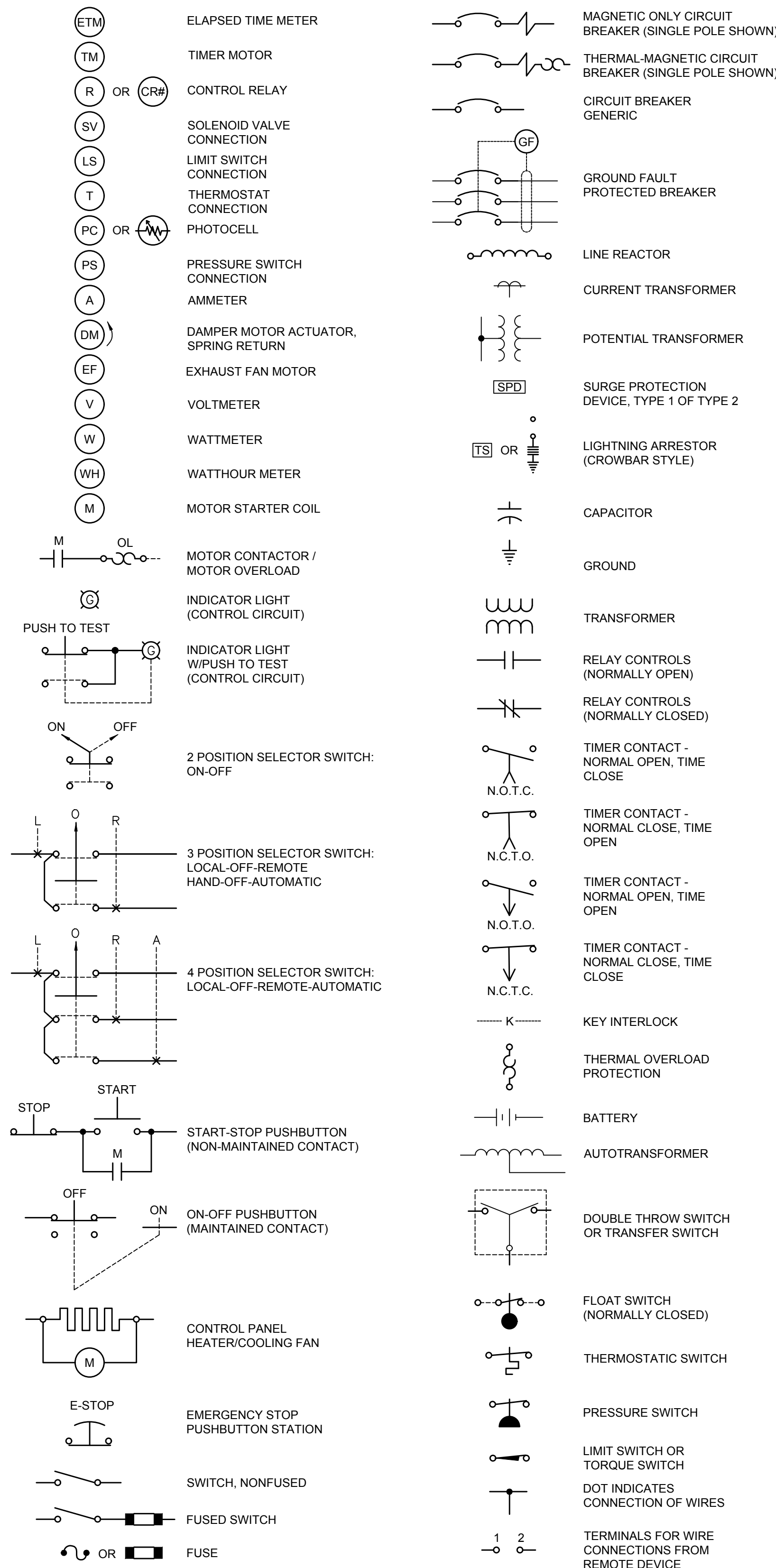
EXTERIOR

POLE, LENGTH AND CLASS AS INDICATED
TRANSFORMER BANK POLE MOUNTED, SHOWN AS THREE PHASE 25 KVA TRANSFORMERS
SINGLE PHASE TRANSFORMER, POLE MOUNTED 25 KVA NOTED
PAD MOUNTED TRANSFORMER, 100 KVA NOTED
FUSE COUTOUT WITH FUSE SIZE AND TYPE NOTED
DISCONNECT SWITCH OR SECTIONALIZING SWITCH
BURIED GROUND WIRE
GROUND WIRE IN OR UNDER FLOOR SLAB
GROUND WIRE EXPOSED
GROUND CONNECTION OR EQUIPMENT BOND
ROOF CONDUCTOR
POLE MOUNTED LUMINAIRE
MANHOLE, HANDHOLE, OR PULLBOX, SUBSCRIPT DENOTES THE FOLLOWING:
EMH ELECTRICAL MANHOLE
CMH COMMUNICATIONS MANHOLE
EHH ELECTRICAL HANDHOLE
CHH COMMUNICATIONS HANDHOLE
EPB ELECTRICAL PULLBOX
CPB COMMUNICATIONS PULLBOX

NEW



SINGLE LINE DIAGRAMS/CONTROLS




GENERAL NOTES:

- THE MINIMUM STANDARD FOR ALL WORK SHALL BE THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE WITH THE 2018 IN STATE AMENDMENTS AND THE NATIONAL ELECTRICAL CODE (NEC).
- ALL ELECTRICAL WORK SHALL BE PERFORMED BY AN IN-STATE LICENSED ELECTRICIAN.
- ALL PERMITS NEEDED TO LEGALLY PERFORM THE ELECTRICAL WORK SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO START OF WORK. COST OF PERMITTING IS BY THE CONTRACTOR.
- AT COMPLETION OF THE WORK, A CERTIFICATE OF COMPLIANCE FROM THE LOCAL AHJ OVER THE ELECTRICAL WORK SHALL BE PROVIDED TO THE ENGINEER AND OWNER. COST OF ELECTRICAL INSPECTION IS BY THE CONTRACTOR.
- ALL MATERIALS USED IN THE PROJECT GENERALLY SHALL BE NEW AND UNUSED, UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL NEW MATERIALS SHALL BE LISTED BY UL OR OTHER ACCEPTABLE LISTING AGENCY, WHERE A LISTING EXISTS.
- THE CONTRACTOR SHALL VISIT THE SITE(S) PRIOR TO BIDDING TO FAMILIARIZE THEMSELVES WITH PROJECT REQUIREMENTS AND EXISTING CONDITIONS.
- FIRESTOP ALL NEW CONDUIT INSTALLED THROUGH EXISTING OR NEW FIRE RATED ASSEMBLIES.
- SHOP DRAWINGS SHALL BE SUBMITTED ON ALL ELECTRICAL MATERIALS AND EQUIPMENT FOR ACCEPTANCE PRIOR TO PURCHASE BY THE CONTRACTOR.
- WHEN AN ITEM DEMOLISHED IS REMOVED, REMOVE ALL CONCRETE PADS, FASTENERS, CONDUIT AND WIRING. SCARIFY SURFACE AND RESTORE TO MATCH EXISTING SURROUNDING SURFACE, INCLUDING PAINTING TO MATCH.
- ALL NEW WIRING SHALL BE ENCLOSED IN AN APPROVED RACEWAY SYSTEM. OPEN WIRING IS PROHIBITED.
- CIRCUIT BREAKERS USED FOR HVAC EQUIPMENT LOADS SHALL BE HACR TYPE.
- ENSURE DEDICATED ELECTRICAL SPACE IS PROVIDED ABOVE AND BELOW ELECTRICAL PANELS IN ACCORDANCE WITH NEC ARTICLE 110.26.
- COORDINATE ALL MOTOR STARTERS, FEEDERS AND DISCONNECT SWITCHES FOR HVAC AND OTHER UTILIZATION EQUIPMENT ACTUALLY PROVIDED IN ACCEPTED SHOP DRAWINGS.
- IN ORDER TO COMPLY WITH OSHA REQUIREMENTS, NO OPERATOR DEVICE OF ANY PANEL OR DISCONNECT OR MOTOR CONTROL SHALL BE HIGHER THAN 6'-6" AFF.
- PROVIDE AN EXTERIOR RATED SERVICE RECEPTACLE WITHIN 25 FEET HORIZONTALLY OF ANY EXTERIOR OR ROOFTOP HVAC OUTDOOR UNITS (HEATING OR AIR CONDITIONING ONLY).

GRW PROJECT NO. 4973-07

CLIENT PROJECT NO. 25-321

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NO	DATE	BY	DESCRIPTION

DATE

APRIL 15, 2025

SCALE

NOT TO SCALE

SHEET NO.

E-001

DESIGNED: JPR

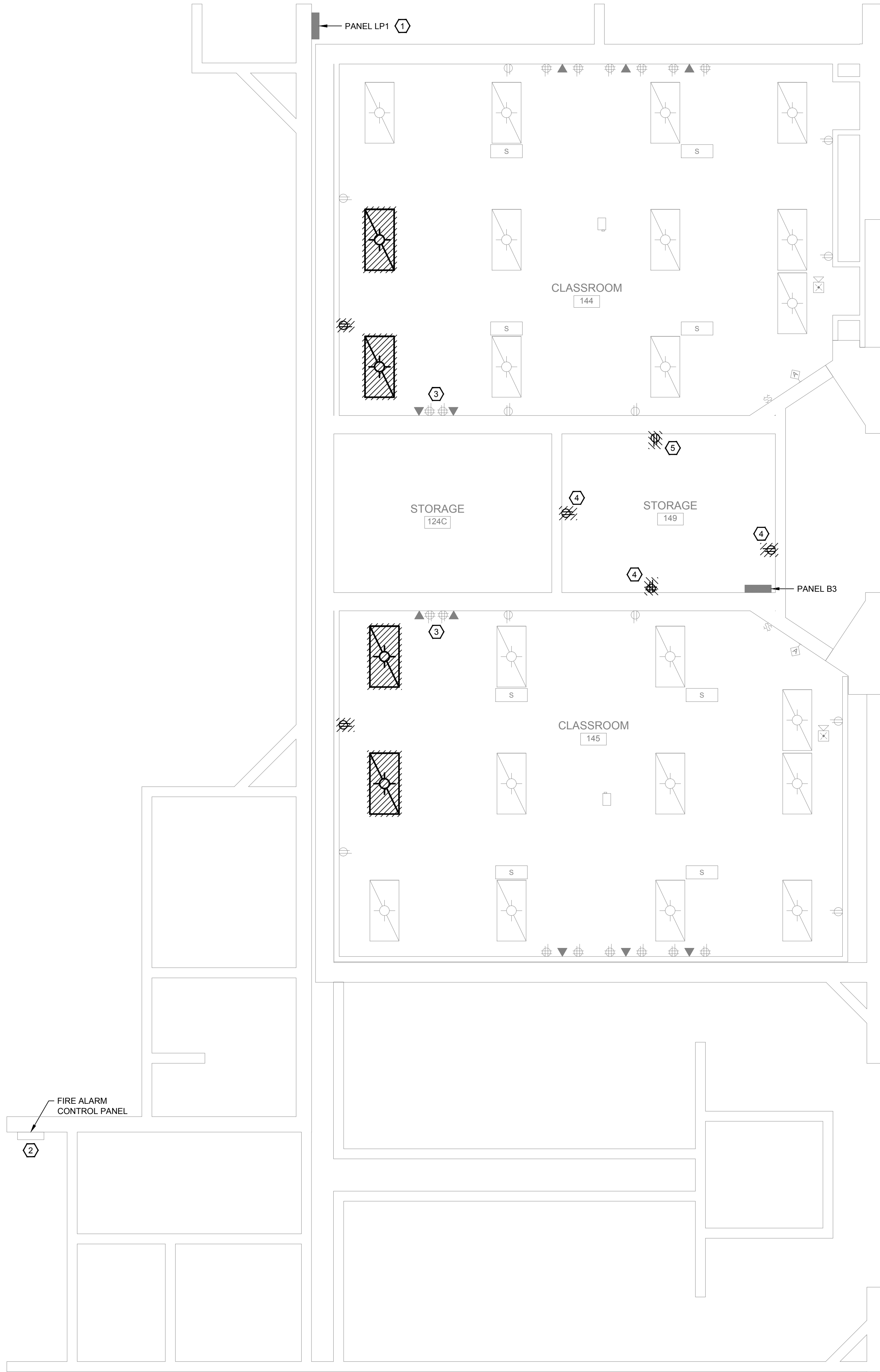
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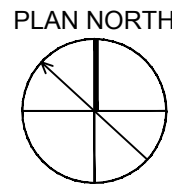
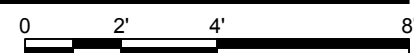
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FOOTNOTES: THIS DRAWING SHOULD BE USED EXACTLY AS WHEN DESIGNED

CONSTRUCTION DOCUMENTS



1 FIRST LEVEL - ENLARGED ELECTRICAL PLAN - DEMOLITION
SCALE: 1/4"=1'-0"



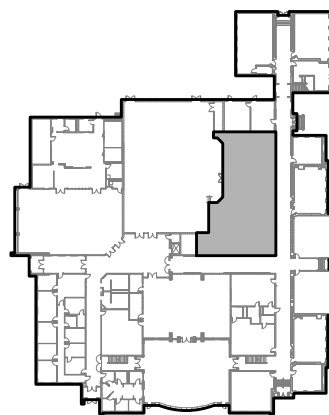
GENERAL NOTES:


- DEMOLITION PLANS HAVE BEEN DEVELOPED FROM SITE VISITS AND EXISTING BUILDING DRAWINGS. SOME DEVICES MAY NOT BE INDICATED.
- IT SHALL BE THE RESPONSIBILITY OF ALL CONTRACTORS WHO SUBMIT BIDS FOR THIS PROJECT TO VISIT THE JOB PREMISES PRIOR TO BIDDING IN ORDER THAT THEY MAY DETERMINE THE TYPE, QUANTITY, LOCATIONS AND ANY HARDSHIPS INVOLVED WITH THE REMOVAL OF EQUIPMENT.
- CONTRACTOR UNDER THIS DIVISION IS FINANCIALLY RESPONSIBLE TO REPAIR AND PATCH FLOORS, WALLS, AND CEILING TO MATCH EXISTING CONDITION WHERE DEMOLITION WORK HAS BEEN DONE. COORDINATE ALL WORK WITH OWNER/ENGINEER.
- REMOVE ALL WIRING AND EXPOSED CONDUIT ASSOCIATED WITH DEMOLISHED ELECTRICAL EQUIPMENT / DEVICES UNLESS CIRCUIT IS INDICATED TO BE REUSED. REMOVE BACK TO SOURCE. MAINTAIN ALL ELECTRICAL CONNECTIONS TO DEVICES AND EQUIPMENT THAT REMAIN.
- WHERE DRAWINGS REFERENCE REMOVING CONDUIT/WIRING BACK TO SOURCE, THIS MEANS BACK TO THE LAST REMAINING DEVICE OR PANELBOARD. MAINTAIN ALL CONNECTIONS TO "DEVICES TO REMAIN", WHERE LOCATED "DOWNSTREAM" FROM REMOVED DEVICES (THIS SHALL BE FIELD VERIFIED).
- CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING CIRCUITS. ASSOCIATED PANELBOARD CIRCUIT DIRECTORIES MAY NOT BE CORRECT.

SHEET KEYNOTES:

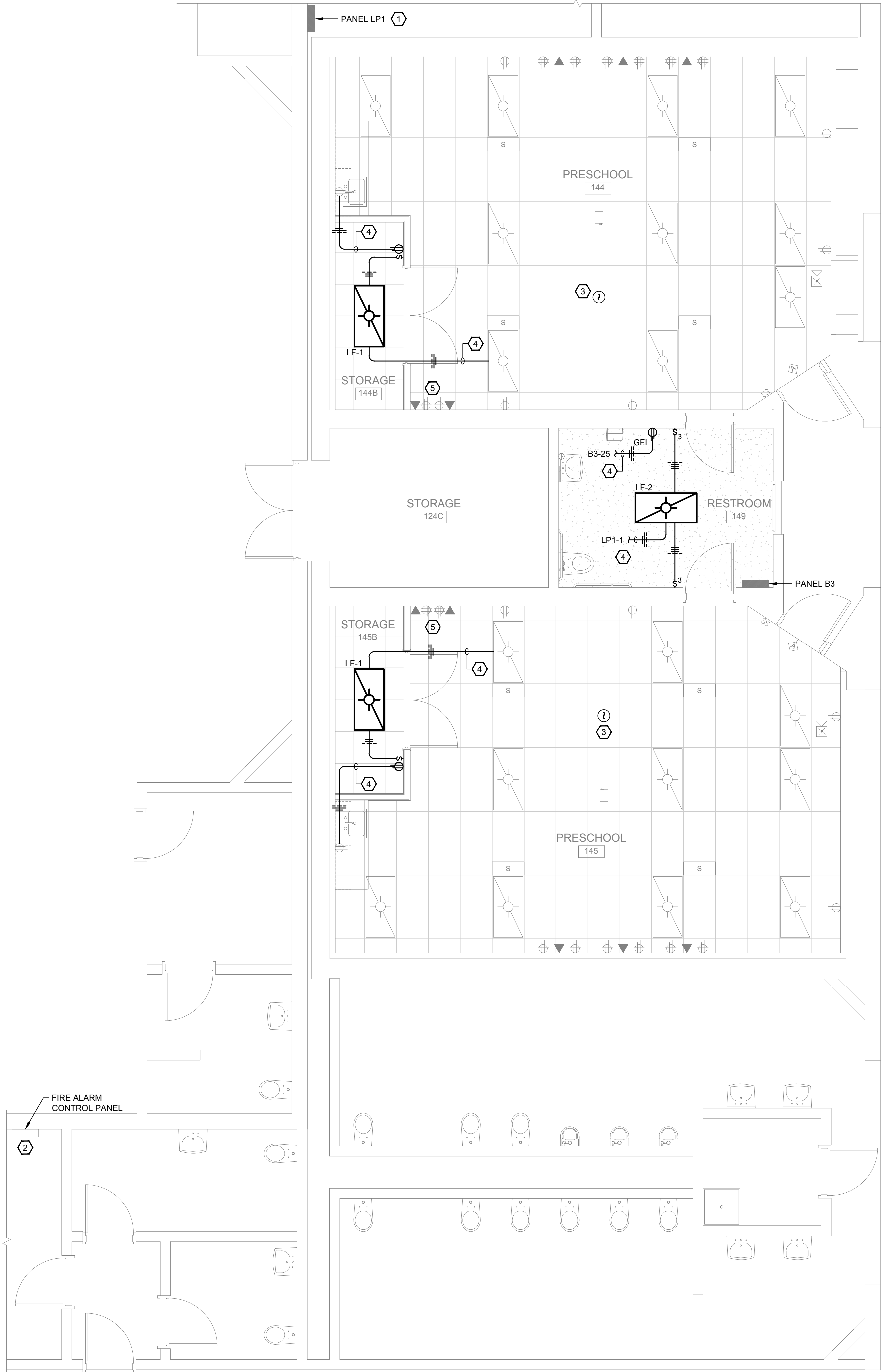
- LOCATION SHOWN IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF PANELBOARD.
- LOCATION SHOWN IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF FIRE ALARM CONTROL PANEL.
- CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING DEVICES. WHERE EXISTING DEVICES ARE IN CONFLICT WITH NEW WALL, CONTRACTOR SHALL REMOVE AND RE-INSTALL DEVICES TO AVOID CONFLICT. EXTEND EXISTING CIRCUITS AS REQUIRED.
- CONTRACTOR SHALL REMOVE EXISTING RECEPTACLE AND PROVIDE BLANK COVERPLATE. REMOVE EXISTING WIRING BACK TO SOURCE.
- CONTRACTOR SHALL REMOVE EXISTING RECEPTACLE AND REPLACE WITH A DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER DEVICE. CONNECT EXISTING WIRING TO NEW DEVICE.

AREA KEY PLAN

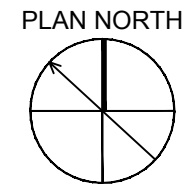
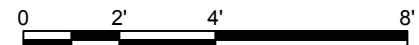


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	JPR	JPR	
	DRAWN		
	REVIEWED	CTC	
	APPROVED	CTC	
DATE: APRIL 15, 2025			
SCALE: 1/4" = 1'-0"			
SHEET NO. ED401			

LUMINAIRE SCHEDULE										
TAG	SHORT DESCRIPTION	LAMPS	LUMENS	COLOR TEMP	DIMMING	MFR	MODEL	MOUNTING	INPUT WATTAGE	EQUIVALENT MANUFACTURERS
LF-1	2' x 4' LED FLAT PANEL	LED	3,258	4000K	0-10V	LITHONIA	CPX-2X4-3000LM-80CRI-40K-A12-MVOLT	RECESSED	23 W	COLUMBIA, COOPER
LF-2	2' x 4' LED FLAT PANEL AND FLANGE KIT	LED	5,892	4000K	0-10V	LITHONIA	CPX-2X4-6000LM-80CRI-40K-A12-MVOLT-DGA24	RECESSED	39 W	COLUMBIA, COOPER



1 FIRST LEVEL - ENLARGED ELECTRICAL PLAN - NEW WORK
SCALE: 1/4"=1'-0"



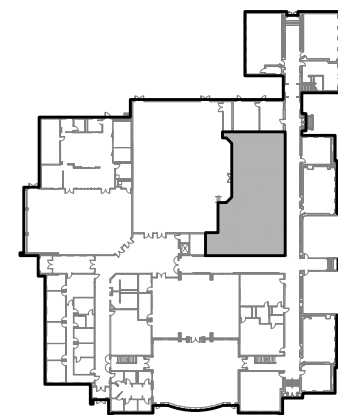
GENERAL NOTES:

- CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING CIRCUITS. ASSOCIATED PANELBOARD CIRCUIT DIRECTORIES MAY NOT BE CORRECT.

SHEET KEYNOTES:

- LOCATION SHOWN IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF PANELBOARD.
- LOCATION SHOWN IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF FIRE ALARM CONTROL PANEL.
- FIRE ALARM CONTRACTOR TO CONNECT TO EXISTING FIRE ALARM SIGNALING LINE CIRCUIT TO NEW SMOKE DETECTOR. AND INSTALL CONTROL/MONITORING MODULES AS REQUIRED FOR CORRECT OPERATION.
- CONNECT/EXTEND EXISTING CIRCUIT TO NEW DEVICE.
- CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING DEVICES. WHERE EXISTING DEVICES ARE IN CONFLICT WITH NEW WALL, CONTRACTOR SHALL REMOVE AND RE-INSTALL DEVICES TO AVOID CONFLICT. EXTEND EXISTING CIRCUITS AS REQUIRED.


AREA KEY PLAN



GRW PROJECT NO. 4973-07

CLIENT PROJECT NO. 25-321

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FIRST LEVEL - ENLARGED
ELECTRICAL PLAN - NEW WORK
FCPS - ARLINGTON ELEMENTARY - RENOVATION
122 ARCEME AVE. LEXINGTON KY

REVISIONS	DATE	BY	DESIGNED
NO			JPR
			JPR
			CTC
			CTC

DATE: APRIL 15, 2025
SCALE: 1/4" = 1'-0"
SHEET NO: E-401

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