

CCISD Priority Repairs - BAUE GILE WEBE

CLEAR CREEK ISD

CCISD PROJECT NO: 2025.401



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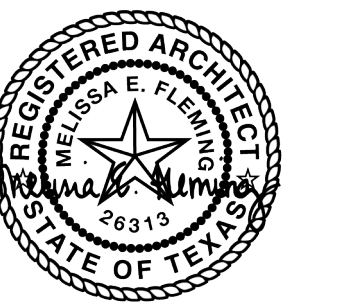
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11/14/2024

ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Proj. Arch.	
Checker	

PROJECT NO.

24-045.00

SHEET TITLE

COVER

SHEET NO.

COVER



BAUERSCHLAG ELEMENTARY SCHOOL



GILMORE ELEMENTARY SCHOOL



WEBER ELEMENTARY SCHOOL

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SHEET TITLE

INDEX TO DRAWINGS
GENERAL NOTES
ABBREVIATIONS

SHEET NO.

INDEX

ABBREVIATIONS

A	A.F.F. ABOVE FINISH FLOOR	M (CONT.)	MOD BIT MODIFIED BITUMEN
A.C.T.	ACOUSTICAL CEILING TILE	MULL.	MULLION
ADDL.	ADDITIONAL	M.E.P.	MECHANICAL-ELECTRICAL-PLUMBING
A.B.	AIR BARRIER	M.C.M.	METAL COMPOSITE MATERIAL
A.C.M.	ALUMINUM COMPOSITE PANEL	MIN.	MINIMUM
A.D.A.	AMERICANS WITH DISABILITIES ACT	MISC.	MISCELLANEOUS
AL/ALUM.	ALUMINUM		
APPROX.	APPROXIMATE OR APPROXIMATELY	N	NOM.
ARCH.	ARCHITECT OR ARCHITECTURAL	NOM.	NOMINAL
		N/A	NOT APPLICABLE
		N.I.C.	NOT IN CONTRACT
		N.T.S.	NOT TO SCALE
		NO./#	NUMBER
B		O	
BD.	BOARD	O.C.	ON CENTER
B.O.W.	BOTTOM OF WALL	O.D.	OUTSIDE DIAMETER
B.U.R.	BUILT-UP ROOFING	O.H.	OPPOSITE HAND
BLDG.	BUILDING	OHD.	OVERHEAD
		O.F.C.I.	OWNER-FURNISHED, CONTRACTOR-INSTALLED
		O.F.O.I.	OWNER-FURNISHED, OWNER INSTALLED
C		P / Q	
CL.	CENTER LINE	PR.	PAIR
C.R.	CLASSROOM	P.LAM.	PLASTIC LAMINATE
C.F.S.	COLD-FORMED STEEL	PL.	PLATE
CONC.	CONCRETE	PLUMB.	PLUMBING
CMU	CONCRETE MASONRY UNIT	P.T.	POINT
C.M.	CONSTRUCTION MANAGER	P.C.F.	POUNDS PER CUBIC FOOT
CONT.	CONTINUOUS	P.S.F.	POUNDS PER SQUARE FOOT
C.I.	CONTINUOUS INSULATION	P.S.I.	POUNDS PER SQUARE INCH
C.J.	CONTROL JOINT	PREFAB.	PREFABRICATED
COORD.	COORDINATE	PROJ.	PROJECTOR or PROJECTION
CORR.	CORRIDOR	Q.T.	QUARRY TILE
		R	
D		R.	RADIUS
DIA.	DIAMETER	REBAR.	REINFORCING BAR
D.O.	DOOR OPENING	REF.	REFERENCE or REFER TO
DN.	DOWN	R.C.P.	REFLECTED CEILING PLAN
DS.	DOWNSPOUT	RE.	REGARDING
		REFG.	REFRIGERATOR
		REINF.	REINFORCE or REINFORCING
		REQD.	REQUIRED
		R.	RISER (STAIR)
		R.D.	ROOF DRAIN
		R.O.	ROUGH OPENING
E		S	
EA.	EACH	SIM.	SIMILAR
E.W.	EACH WAY	S.C.	SOLID CORE
ELEC.	ELECTRICAL	S.A.B.	SOUND ATTENUATION BLANKET
E.W.C.	ELECTRIC WATER COOLER	S.A.F.B.	SOUND ATTENUATION FIRE BLANKET
ELEV.	ELEVATION	S.T.C.	SOUND TRANSMISSION CLASS
EQ.	EQUAL	SPEC.	SPECIFICATION
EQIP.	EQUIPMENT	SQ.	SQUARE
EXIST.	EXISTING	S.F.	SQUARE FOOT
E.J.	EXPANSION JOINT	S.S.	STAINLESS STEEL
EXT.	EXTERIOR	STRUC.	STRUCTURAL
EFPS	EXTERIOR INSULATION & FINISH SYSTEM	SUSP.	SUSPENDED
		T	
F		T.B.	TACKBOARD
FT.	FEET or FOOT	T.W.	TACK WALL
F.R.P.	FIBERGLASS REINFORCED PLASTIC	T.C.	TEACHER'S CABINET
F.V.	FIELD-VERIFY	T.A.S.	TEXAS ACCESSIBILITY STANDARDS
FIN.	FINISH	T.	TREAD (STAIR)
F.F.	FINISH FLOOR	T&B	TOP & BOTTOM
F.E.	FIRE EXTINGUISHER	T.O.	TOP OF
F.E.C.	FIRE EXTINGUISHER & CABINET	T.C.	TOP OF CURB
F.H.C.	FIRE HOSE CABINET	T.O.D.	TOP OF DECK
F.H.C.S.	FLAT-HEAD COUNTERSUNK	T.O.J.	TOP OF JOIST
FLR.	FLOOR	T.O.S.	TOP OF STEEL
F.D.	FLOOR DRAIN	T.O.W.	TOP OF WALL
FLOR.	FLUORESCENT	TYP.	TYPICAL
		U / V	
G / H		U/C	UNDER COUNTER
GALV.	GALVANIZED	U.L.	UNDERWRITERS LABORATORY
GA.	GAGE	U.N.O.	UNLESS NOTED OTHERWISE
G.C.	GENERAL CONTRACTOR	V.I.F.	VERIFY IN FIELD
G.O.	GLAZED OPENING	VERT.	VERTICAL
GYP	GYPSONUM	V.C.T.	VINYL COMPOSITION TILE
HT.	HEIGHT	V.W.C.	VINYL WALL COVERING
H.P.	HIGH POINT		
H.M.	HOLLOW METAL	W / X / Y / Z	
HORIZ.	HORIZONTAL	W.C.	WATER CLOSET
H.B.	HORIZONTAL BLINDS	W.R.B.	WATER-RESISTIVE BARRIER
H.D.G.	HOT-DIP GALVANIZED	WT.	WEIGHT
HR.	HOUR	W.	WIDE
		W/	WITH
		W/O	WITHOUT
		W.P.	WORKING POINT
		W.W.F.	WELDED WIRE FABRIC
I / J / K			
I.D.	INSIDE DIAMETER		
INSUL.	INSULATION		
INT.	INTERIOR		
I.B.C.	INTERNATIONAL BUILDING CODE		
L			
LAV.	LAVATORY		
L.L.H.	LONG LEG HORIZONTAL		
L.L.V.	LONG LEG VERTICAL		
L.P.	LOW POINT		
L.V.T.	LUXURY VINYL TILE		
M			
MFR.	MANUFACTURER		
MFG.	MANUFACTURING		
M.B.	MARKER BOARD		
M.O.	MASONRY OPENING		
MAX.	MAXIMUM		
MECH.	MECHANICAL		

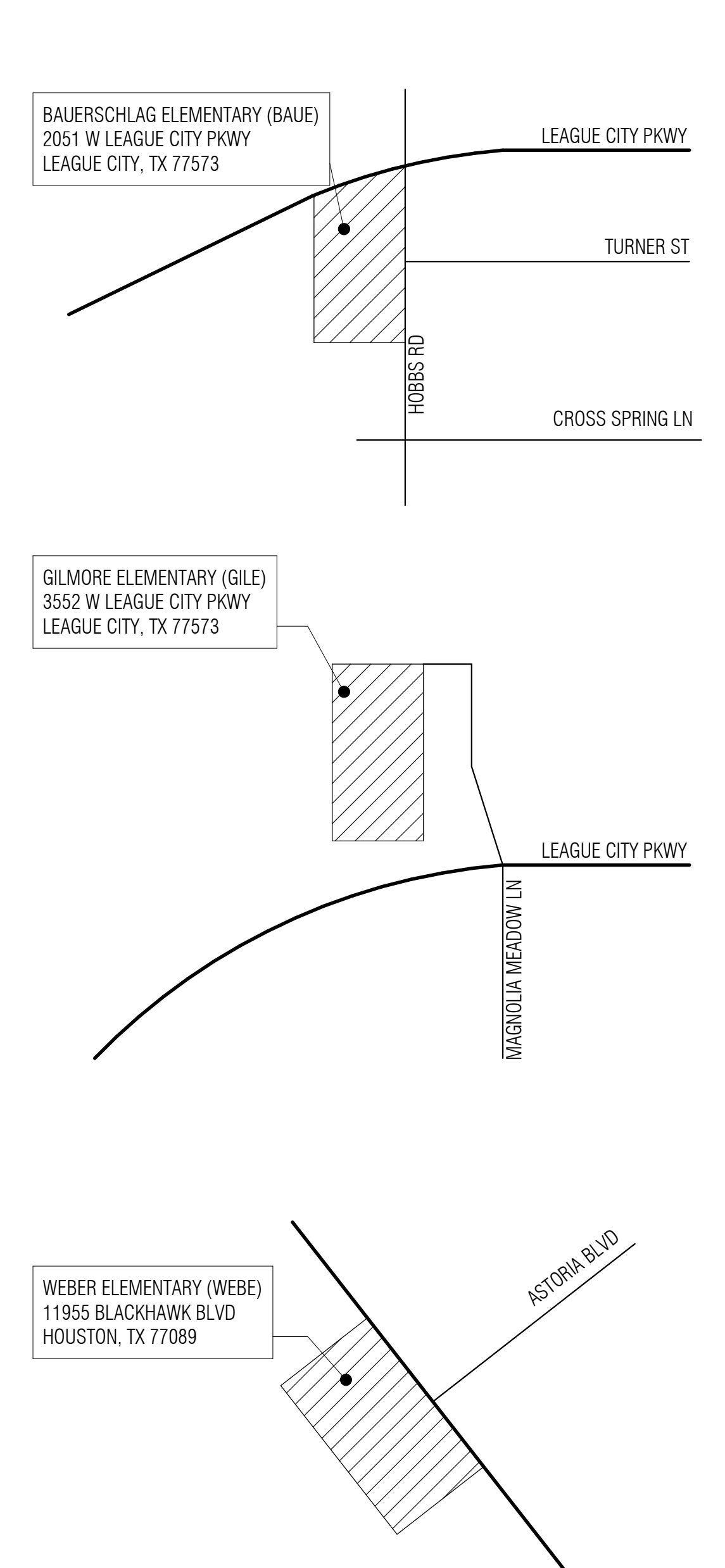
MATERIAL INDICATIONS

	EARTH		CERAMIC TILE
	POROUS FILL		GLASS (LARGE SCALE)
	CONCRETE/ GROUT		INSULATION (RIGID FOAM BOARD)
	BRICK		INSULATION (EPS FOAM BOARD)
	CMU (LARGE SCALE)		INSULATION (BATT/BLANKET)
	MARBLE		INSULATION (SEMI-RIGID BOARD)
	METAL (LARGE SCALE)		WOOD, ROUGH (CONTINUOUS)
	METAL (SMALL SCALE)		WOOD, ROUGH (BLOCKING)
	RESILIENT FLOORING		WOOD, FINISH
	ACOUSTICAL TILE		PLYWOOD (LARGE SCALE)
	TERRAZZO		FIBER CEMENT PANEL
	PLASTER, SAND, GROUT		METAL LATH
			GYPSONUM BOARD

PROJECT INFORMATION

PROJECT IDENTIFICATION
PROJECT NAME - CCISD PRIORITY REPAIRS - BAUE GILE WEBE
OWNER - CLEAR CREEK I.S.D.
PROJECT LOCATION:
BAUERSCHLAG ELEMENTARY SCHOOL - 2051 W LEAGUE CITY PKWY, LEAGUE CITY, TX 77573
GILMORE ELEMENTARY SCHOOL - 3552 W LEAGUE CITY PKWAY, LEAGUE CITY, TX 77573
WEBER ELEMENTARY SCHOOL - 11955 BLACKHAWK BLVD, HOUSTON, TX 77089
TDLR PROJECT REGISTRATION NUMBER - TABS20240000X

SITE LOCATION MAP



SYMBOLS LEGEND

	CLASSROOM		LOUVER
	ROOM NAME & NUMBER		KEYED NOTE
	DOOR NUMBER		NORTH ARROW
	ALUMINUM-FRAMED GLAZED OPENING SYSTEM		HORIZONTAL BLINDS
	HOLLOW METAL-FRAMED GLAZED OPENING SYSTEM		INTERIOR ELEVATION
	PARTITION TYPE		SECTION DETAIL
	BUILDING ASSEMBLY TYPE		ACCESS CONTROL
	BUILDING ELEVATION		DATUM ELEVATION
	BUILDING SECTION		
	WALL SECTION		

GENERAL NOTES

- Refer to the CODE-series sheets for Code Information, Design Criteria and Fire Protection Requirements.
- Verify and document existing dimensions and conditions at the site before beginning construction. Notify the Architect of conflicts or variations prior to commencement of construction.
- Based on the applicable design criteria, submit Shop Drawings of the proposed pattern of control joints in masonry veneer, CMU, gypsum board, plaster and stucco to the Architect for review and approval prior to construction.
- In case of discrepancies in or between the Contract Documents, the greater quantity or better quality shall be bid. Clarifications regarding the discrepancies shall be requested from the Architect prior to construction, and the resulting interpretations implemented in accordance with the Contract Documents.

INDEX TO DRAWINGS

FRONT END COVER	COVER	GILMORE ES A22.01A	GILE - DEMO PLAN - UNIT A	WEBER ES C31.00	WEBE - OVERALL SITE PLAN
INDEX	INDEX TO DRAWINGS GENERAL NOTES ABBREVIATIONS	A22.01B	GILE - DEMO PLAN - UNIT B	A32.01A	WEBE - DEMO PLAN - UNIT A
G0.31	TEXAS ACCESSIBILITY STANDARDS REQUIREMENTS	A22.01C	GILE - DEMO PLAN - UNIT C	A32.01B	WEBE - DEMO PLAN - UNIT B
BAUERSCHLAG ES		A22.01D	GILE - DEMO PLAN - UNIT D	A32.01C	WEBE - DEMO PLAN - UNIT C
C11.00	BAUE - OVERALL SITE PLAN	A22.01E	GILE - DEMO PLAN - UNIT E	A32.01D	WEBE - DEMO PLAN - UNIT D
A11.01	BAUE - DEMO SITE PLAN	A22.01F	GILE - DEMO PLAN - UNIT F	A32.01E	WEBE - DEMO PLAN - UNIT E
A12.01A	BAUE - DEMO PLAN - UNIT A	A22.03A	GILE - ALTERNATE PLAN - UNIT A	A32.01F	WEBE - DEMO PLAN - UNIT F
A12.01B	BAUE - DEMO PLAN - UNIT B	A22.03B	GILE - ALTERNATE PLAN - UNIT B	A32.03A	WEBE - ALTERNATE PLAN - UNIT A
A12.01C	BAUE - DEMO PLAN - UNIT C	A22.03C	GILE - ALTERNATE PLAN - UNIT C	A32.03B	WEBE - ALTERNATE PLAN - UNIT B
A12.01D	BAUE - DEMO PLAN - UNIT D	A22.03D	GILE - ALTERNATE PLAN - UNIT D	A32.03C	WEBE - ALTERNATE PLAN - UNIT C
A12.01E	BAUE - DEMO PLAN - UNIT E	A22.03E	GILE - ALTERNATE PLAN - UNIT E	A32.03D	WEBE - ALTERNATE PLAN - UNIT D
A12.01F	BAUE - DEMO PLAN - UNIT F	A22.03F	GILE - ALTERNATE PLAN - UNIT F	A32.03E	WEBE - ALTERNATE PLAN - UNIT E
A12.03A	BAUE - ALTERNATE PLAN - UNIT A	A22.11A	GILE - FLOOR PLAN - UNIT A	A32.03F	WEBE - ALTERNATE PLAN - UNIT F
A12.03B	BAUE - ALTERNATE PLAN - UNIT B	A22.11B	GILE - FLOOR PLAN - UNIT B	A32.11A	WEBE - FLOOR PLAN - UNIT A
A12.03C	BAUE - ALTERNATE PLAN - UNIT C	A22.11C	GILE - FLOOR PLAN - UNIT C	A32.11B	WEBE - FLOOR PLAN - UNIT B
A12.03D	BAUE - ALTERNATE PLAN - UNIT D	A22.11D	GILE - FLOOR PLAN - UNIT D	A32.11C	WEBE - FLOOR PLAN - UNIT C
A12.03E	BAUE - ALTERNATE PLAN - UNIT E	A22.11E	GILE - FLOOR PLAN - UNIT E	A32.11D	WEBE - FLOOR PLAN - UNIT D
A12.03F	BAUE - ALTERNATE PLAN - UNIT F	A22.11F	GILE - FLOOR PLAN - UNIT F	A32.11E	WEBE - FLOOR PLAN - UNIT E
A12.11A	BAUE - FLOOR PLAN - UNIT A	A26.01	GILE - OVERALL REFLECTED CEILING PLAN - DEMO	A32.11F	WEBE - FLOOR PLAN - UNIT F
A12.11B	BAUE - FLOOR PLAN - UNIT B	A29.01	GILE - MATERIAL FINISH AND DOOR SCHEDULES	A32.61	WEBE - SIGNAGE TYPES & SCHEDULES
A12.11C	BAUE - FLOOR PLAN - UNIT C	M20.00	GILE - MECHANICAL SYMBOL LEGEND	A32.62	WEBE - SIGNAGE TYPES
A12.11D	BAUE - FLOOR PLAN - UNIT D	M22.01	GILE - DEMO COMPOSITE MECHANICAL PLAN	A32.63	WEBE - SIGNAGE & WAYFINDING PLAN
A12.11E	BAUE - FLOOR PLAN - UNIT E	M22.01A	GILE - DEMO PLAN - UNIT A	A36.01	WEBE - OVERALL REFLECTED CEILING PLAN - DEMO
A12.11F	BAUE - FLOOR PLAN - UNIT F	M22.01B	GILE - DEMO PLAN - UNIT B	A39.01	WEBE - MATERIAL FINISH AND DOOR SCHEDULES
A16.01	BAUE - DEMO OVERALL REFLECTED CEILING PLAN	M22.01C	GILE - DEMO PLAN - UNIT C	M30.00	WEBE - MECHANICAL SYMBOL LEGEND
A16.11	BAUE - OVERALL REFLECTED CEILING PLAN	M22.01D	GILE - DEMO PLAN - UNIT D	M32.01	WEBE - DEMO COMPOSITE MECHANICAL PLAN
A19.01	BAUE - MATERIAL AND DOOR FINISH SCHEDULES	M22.01E	GILE - DEMO PLAN - UNIT E	M32.01A	WEBE - DEMO MECHANICAL PLAN - UNIT A
M10.00	BAUE - MECHANICAL SYMBOL LEGEND	M22.11	GILE - COMPOSITE MECHANICAL PLAN - LEVEL ONE	M32.01B	WEBE - DEMO MECHANICAL PLAN - UNIT B
M12.01	BAUE - DEMO COMPOSITE MECHANICAL PLAN	M22.11A	GILE - FLOOR PLAN - UNIT A	M32.01C	WEBE - DEMO MECHANICAL PLAN - UNIT C
M12.01A	BAUE - DEMO PLAN - UNIT A	M22.11B	GILE - FLOOR PLAN - UNIT B	M32.01D	WEBE - DEMO MECHANICAL PLAN - UNIT D
M12.01B	BAUE - DEMO PLAN - UNIT B	M22.11C	GILE - FLOOR PLAN - UNIT C	M32.01E	WEBE - DEMO MECHANICAL PLAN - UNIT E
M12.01C	BAUE - DEMO PLAN - UNIT C	M22.11D	GILE - FLOOR PLAN - UNIT D	M32.11	WEBE - COMPOSITE MECHANICAL PLAN
M12.01D	BAUE - DEMO PLAN - UNIT D	M22.11E	GILE - FLOOR PLAN - UNIT E	M32.11A	WEBE - MECHANICAL PLAN - UNIT A
M12.01E	BAUE - DEMO PLAN - UNIT E	M24.01	GILE - MECHANICAL CONTROLS	M32.11B	WEBE - MECHANICAL PLAN - UNIT B
M12.11	BAUE - COMPOSITE MECHANICAL PLAN	M25.00	GILE - MECHANICAL ROOF PLAN	M32.11C	WEBE - MECHANICAL ROOF PLAN
M12.11A	BAUE - FLOOR PLAN - UNIT A	M25.01	GILE - MECHANICAL SCHEDULES	M32.11D	WEBE - MECHANICAL PLAN - UNIT D
M12.11B	BAUE - FLOOR PLAN - UNIT B	M26.01	GILE - MECHANICAL DETAILS	M32.11E	WEBE - MECHANICAL PLAN - UNIT E
M12.11C	BAUE - FLOOR PLAN - UNIT C	E20.00	GILE - ELECTRICAL SYMBOL LEGEND	M34.01	WEBE - MECHANICAL CONTROL DIAGRAMS
M12.11D	BAUE - FLOOR PLAN - UNIT D	E20.01	GILE - ELECTRICAL GENERAL NOTES	M35.00	WEBE - MECHANICAL ROOF PLAN
M12.11E	BAUE - FLOOR PLAN - UNIT E	E22.11	GILE - COMPOSITE POWER PLAN	M35.01	WEBE - MECHANICAL SCHEDULES
M14.01	BAUE - MECHANICAL CONTROLS	E22.12	GILE - COMPOSITE LIGHTING PLAN	M36.00	WEBE - MECHANICAL DETAILS
M15.00	BAUE - MECHANICAL ROOF PLAN	E25.11	GILE - ELECTRICAL ROOF PLAN	E30.00	WEBE - ELECTRICAL SYMBOL LEGEND
M15.01	BAUE - MECHANICAL SCHEDULES	E27.11	GILE - ELECTRICAL SCHEDULES	E30.01	WEBE - ELECTRICAL GENERAL NOTES
M16.00	BAUE - MECHANICAL DETAILS	E27.12	GILE - ELECTRICAL SCHEDULES	E31.11	WEBE - ELECTRICAL SITE PLAN
E10.00	BAUE - ELECTRICAL SYMBOL LEGEND	E27.13	GILE - ELECTRICAL DETAILS	E32.11	WEBE - COMPOSITE POWER PLAN
E10.01	BAUE - ELECTRICAL GENERAL NOTES	P20.00	GILE - PLUMBING SYMBOL LEGEND	E32.12	WEBE - COMPOSITE LIGHTING PLAN
E12.11	BAUE - COMPOSITE POWER PLAN	P22.00	GILE - DEMO COMPOSITE PLUMBING PLAN	E35.11	WEBE - ELECTRICAL ROOF PLAN
E12.12	BAUE - COMPOSITE LIGHTING PLAN	P22.01	GILE - DEMO COMPOSITE PLUMBING PLAN - MEZZANINE	E37.11	WEBE - ELECTRICAL SCHEDULES
E15.11	BAUE - ELECTRICAL ROOF PLAN	P22.10	GILE - COMPOSITE PLUMBING PLAN	E37.12	WEBE - ELECTRICAL SCHEDULES
E17.11	BAUE - ELECTRICAL SCHEDULES	P22.50	GILE - PLUMBING SCHEDULES AND DETAILS	E37.13	WEBE - ELECTRICAL DETAILS
E17.12	BAUE - ELECTRICAL SCHEDULES	P22.60	GILE - FIRE SPRINKLER AS BUILTS	P30.00	WEBE - PLUMBING SYMBOL LEGEND
E17.13	BAUE - ELECTRICAL DETAILS	P22.61	GILE - FIRE SPRINKLER AS BUILTS	P32.00	WEBE - DEMO COMPOSITE PLUMBING PLAN
P10.00	BAUE - PLUMBING SYMBOL LEGEND	P22.62	GILE - FIRE SPRINKLER AS BUILTS	P32.01	WEBE - DEMO COMPOSITE PLUMBING PLAN - MEZZANINE
P12.00	BAUE - DEMO COMPOSITE PLUMBING PLAN	P22.63	GILE - FIRE SPRINKLER AS BUILTS	P32.10	WEBE - COMPOSITE PLUMBING PLAN
P12.01	BAUE - DEMO				

TEXAS ACCESSIBILITY STANDARDS		
PROVISIONS FOR ADULTS AND CHILDREN	ADULTS AGES 13 & ABOVE	CHILDREN AGES 12 & UNDER
REACH RANGES		
UNOBSTRUCTED FRONTAL AND SIDE APPROACH	15" MIN. - 48" MAX.	16" MIN. - 44" MAX.
OBSTRUCTED FRONT APPROACH ≤ 20" D. (OPEN UNDER)	48" MAX.	44" MAX.
OBSTRUCTED FRONT APPROACH > 20" D. - 25" D. MAX. (OPEN UNDER)	44" MAX.	44" MAX.
OBSTRUCTED SIDE APPROACH ≤ 10" D. - 34" H. MAX.	48" MAX.	44" MAX.
OBSTRUCTED SIDE APPROACH > 10" D. - 24" D. MAX & 34" H. MAX.	46" MAX.	44" MAX.
RAMPS AND STAIRS		
TOP OF HANDRAIL GRIPPING SURFACE	34" - 38"	34" - 38"
DRINKING FOUNTAINS AND WATER COOLERS		
FRONTAL APPROACH		
SPOUT HEIGHT (TO OUTLET)	36" MAX.	36" MAX. ³
KNEE CLEARANCE	27" MIN.	27" MIN. ³
SIDE APPROACH		
SPOUT HEIGHT (TO OUTLET)	USE FRONT APPROACH	USE FRONT APPROACH ³
KNEE CLEARANCE		
STANDING		
SPOUT HEIGHT (TO OUTLET)	38" MIN. - 43" MAX.	38" MIN. - 43" MAX. ¹
WATER CLOSETS		
CENTERLINE TO WALL OR PARTITION	16" - 18"	12" - 18"
CENTERLINE TO WALL OR PARTITION AT AMBULATORY STALL	17" - 19"	17" - 19"
TOP OF SEAT	17" - 19"	11" - 17"
GRAB BARS (TO TOP OF GRIPPING SURFACE)	33" - 36"	18" - 27"
TOILET TISSUE DISPENSER HEIGHT	15" - 48"	14" - 19"
HAND-OPERATED FLUSH CONTROLS	44" MAX.	36" MAX.
URINALS		
RIM OF BASIN	17" MAX.	17" MAX. ¹
HAND-OPERATED FLUSH CONTROLS	48" MAX.	44" MAX.
LAVATORIES AND SINKS		
RIM OR COUNTER SURFACE	34" MAX.	31" MAX.
KNEE CLEARANCE (LAVATORIES)	27" MIN.	24" MIN.
KNEE CLEARANCE (SINKS)	27" MIN.	24" MIN.
TO FAUCET HANDLES FROM FRONT EDGE	25" MAX. ²	25" MAX. ^{1,2}
MIRRORS		
TO TOP OF REFLECTING SURFACE	74" MIN.	74" MIN.
TO BOTTOM OF REFLECTING SURFACE AT LAVS & COUNTERS	40" MAX.	40" MAX. ¹
TO BOTTOM OF REFLECTING SURFACE	35" MAX.	35" MAX. ¹
CONTROLS AND OPERATING MECHANISMS		
HIGHEST OPERABLE PART		
UNOBSTRUCTED FRONTAL AND SIDE APPROACH	48" MAX.	44" MAX.
OBSTRUCTED FRONT APPROACH ≤ 20" D. (OPEN UNDER)	48" MAX.	44" MAX.
OBSTRUCTED FRONT APPROACH > 20" D. - 25" D. MAX. (OPEN UNDER)	44" MAX.	44" MAX.
OBSTRUCTED SIDE APPROACH ≤ 10" D. - 34" D. MAX. & 34" H. MAX.	48" MAX.	44" MAX.
OBSTRUCTED SIDE APPROACH > 10" D. - 24" D. MAX. & 34" H. MAX.	46" MAX.	44" MAX.
FIXED OR BUILT-IN SEATING, TABLES, & WORK STATIONS		
HEIGHT OF TABLES OR COUNTERS	28" - 34"	26" - 30"
KNEE CLEARANCES	27" MIN.	24" MIN.
DRESSING, FITTING & LOCKER ROOMS		
TOP OF BENCH		
BACK SUPPORT 18" H. MIN. OR AFFIX BENCH TO WALL	17" - 19"	17" - 19" ¹
FOOD SERVICE LINES		
TOP OF TRAY SLIDE	28" - 34"	28" - 34" ¹

¹ NOTE: Dimension for Children is not specifically addressed in 2012 T.A.S.
² NOTE: Faucet handle location cannot be past the back of the allowable toe space, and only 6" deep toe space from the bottom portion of the provided knee space is allowable for consideration.
³ NOTE: Where required knee clearance is not provided, spout shall be 30" maximum a.f.f. and no greater than 3 1/2" from front edge/bumper.



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Quality Control
Designer

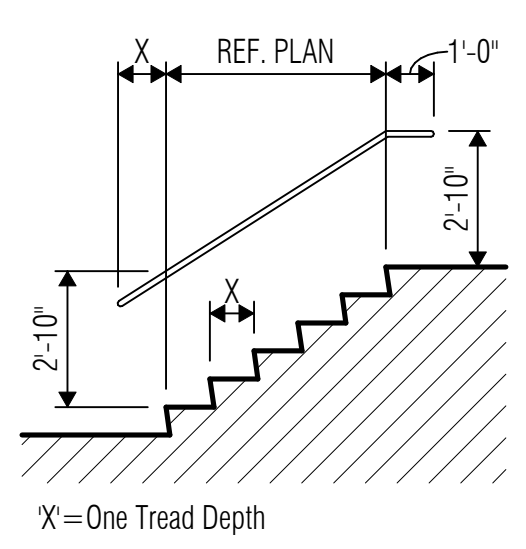
PROJECT NO.
24-045.00

SHEET TITLE

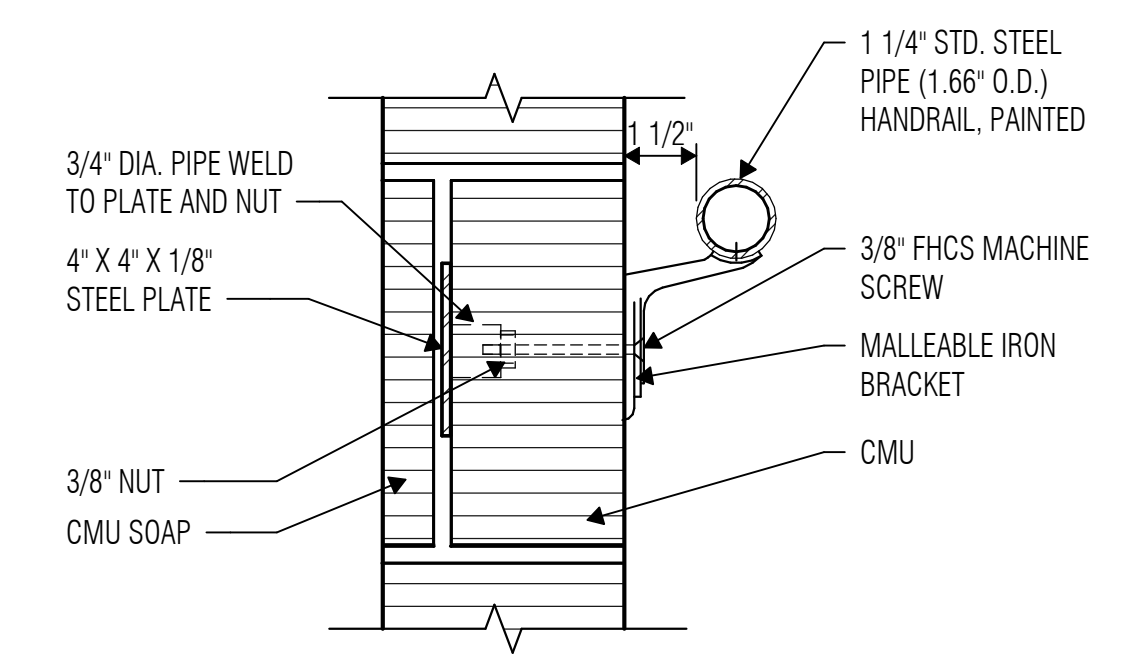
TEXAS ACCESSIBILITY STANDARDS REQUIREMENTS

SHEET NO.

G0.31

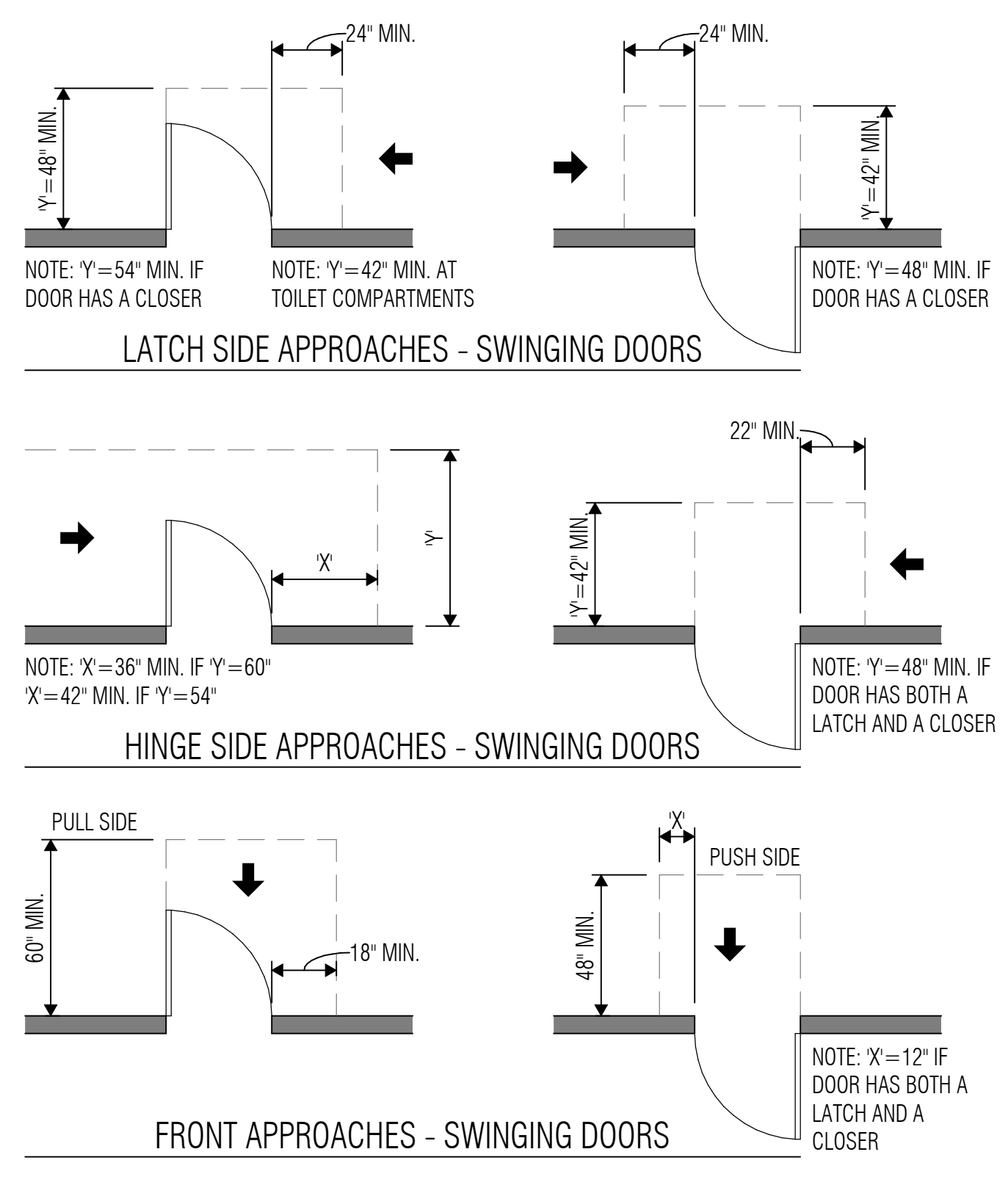


- NOTES:**
- Handrails shall be continuous along both sides of stairs. The inside handrail of switchback or dogleg stairs shall always be continuous.
 - If handrails are not continuous, they shall extend at least 12" beyond the top riser and one tread depth beyond the bottom riser. At the top, extension shall be parallel with the floor or ground surface. At the bottom, the handrail shall continue to slope.
 - The clear space between the handrail and the wall shall be 1 1/2".
 - Gripping surfaces shall be continuous.
 - Ends of handrails shall be returned smoothly to floor, wall or post.
 - Handrails shall not rotate in their fittings.

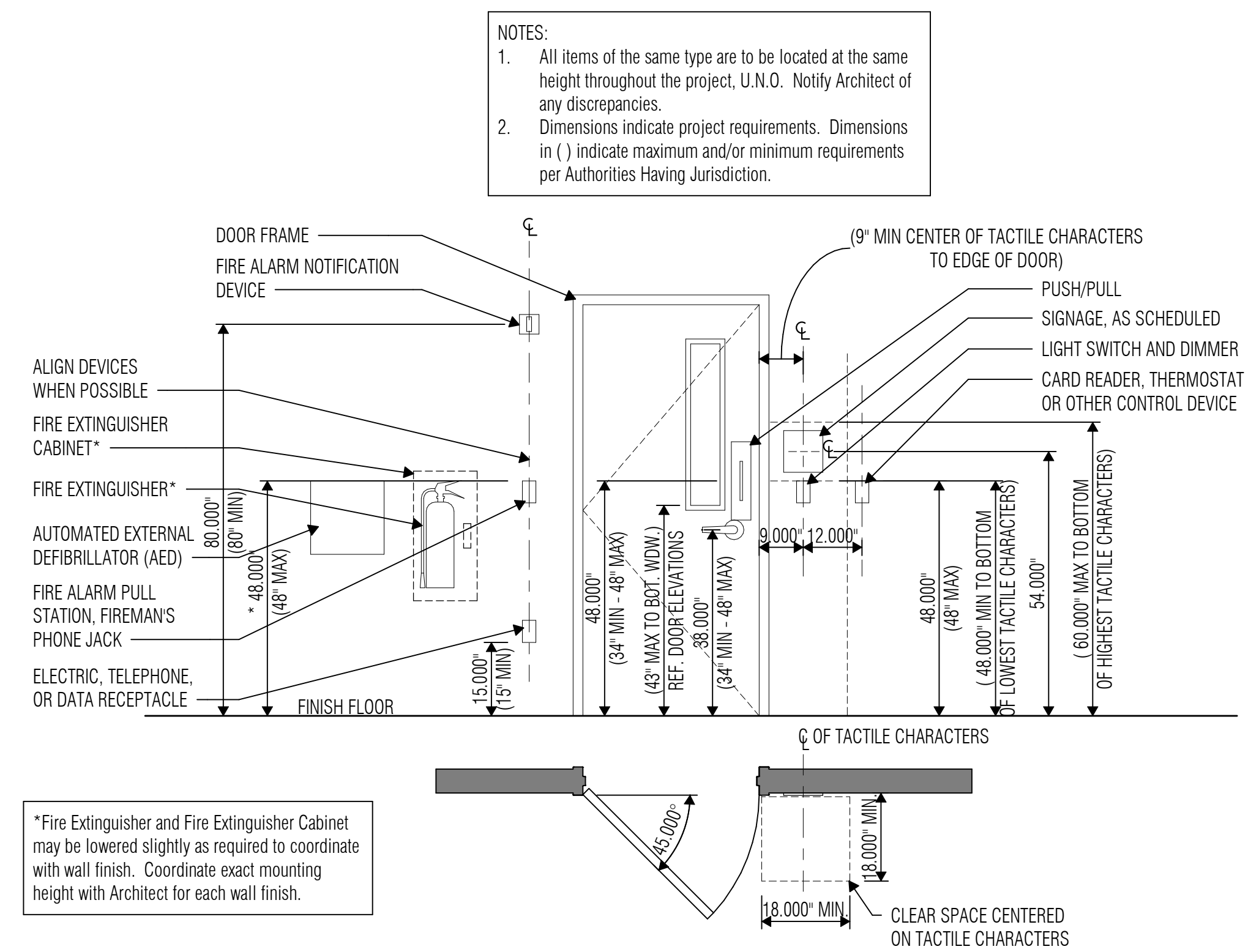


1 TYPICAL STAIR HANDRAIL ELEVATION
SCALE: 1/4" = 1'-0"

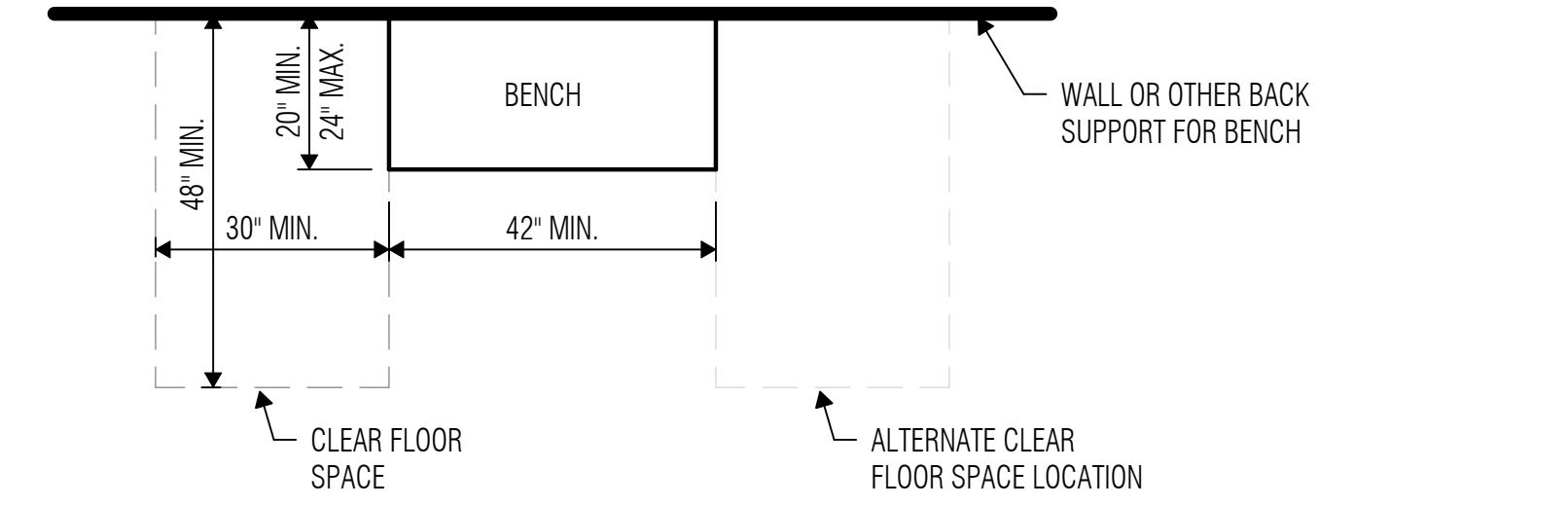
2 MC121 - HANDRAIL DETAIL
SCALE: 3" = 1'-0"



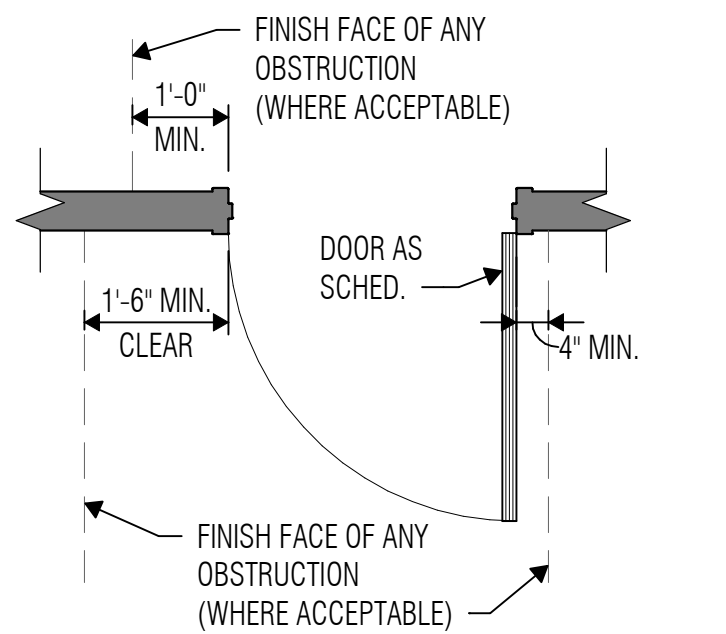
3 MINIMUM MANEUVERING CLEARANCES AT DOORS
SCALE: 1/4" = 1'-0"



4 MISC ACCESSIBLE MOUNTING CRITERIA
SCALE: 1/2" = 1'-0"



5 TYPICAL BENCH SIZE & CLEAR FLOOR SPACE
SCALE: 1/2" = 1'-0"



6 TYPICAL DOOR CLEARANCES AT HINGE & STRIKE SIDE
SCALE: 1/2" = 1'-0"

TEXAS ACCESSIBILITY STANDARDS NOTES

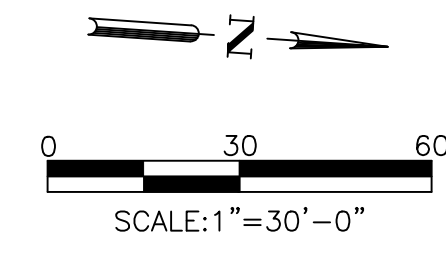
- The dimensional ranges included for items on this sheet are the maximum and minimum dimensions allowed by the Texas Accessibility Standards (TAS). There are no tolerances allowed for these dimensions.

- NOTES:**
- Confirm compliance of each door clearance prior to the layout or installation of any wall, door, casework or other item which may encroach into the required clearances.
 - Refer to Floor Plans for partition types. This detail applies to all new doors and all existing doors to remain within the areas containing work as defined by the construction documents.

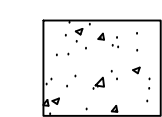


BAUERSCHLAG ELEMENTARY SCHOOL
 2051 W LEAGUE CITY PKWY
 LEAGUE CITY, TX 77573

DEMO EXISTING PLANTER BOXES
 AND REPLACE WITH CONCRETE
 INFILL



LEGEND

 PROPOSED 4 1/2"-INCH THICK
 CONCRETE PAVING W/ #3 REBAR
 @ 18" OC EA WAY



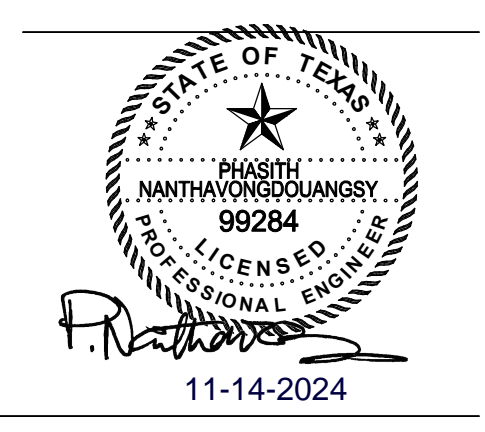
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CLEAR CREEK I.S.D.
 LEAGUE CITY, TEXAS

CCISD PROJECT
 NO. 2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: NOVEMBER 14, 2024

REVISIONS

Revision No.

Director Drawn By
 DIR
 Designer Quality Control
 DSN QC
 Proj. Arch.
 PA

PROJECT NO.
 24-045.00

SHEET TITLE
 BAUE - OVERALL
 SITE PLAN

SHEET NO.
 C11.00



WARNING:
 CONTRACTOR SHALL VERIFY LOCATION OF
 UNDERGROUND UTILITY LINES BY CONTACTING
 "TEXAS 811" AT 811 OR 713-223-4567 AT
 LEAST 48 HOURS BEFORE YOU DIG, DRILL OR
 BLAST.
 EXISTING, WATER, SANITARY, GAS, ELECTRICAL,
 TELECOMMUNICATIONS AND ALL OTHER UTILITY
 LINES ARE SHOWN PER RECORD DRAWINGS.
 CONTRACTOR SHALL VERIFY LOCATION AT THE
 SITE PRIOR TO CONSTRUCTION.

DEMO SITE PLAN LEGEND

 REMOVE IN ITS ENTIRETY. PREPARE AREA TO RECEIVE NEW SOD

DEMOLITION KEYED NOTES

SD1 REMOVE PORTABLE ALUMINUM CANOPY AND RAMP IN ITS ENTIRETY. PREPARE GROUND FOR NEW SOD AT PORTABLE EXTENTS. DISCONNECT FIRE ALARM AND INTERCOM BACK TO SOURCE.
SD2 REMOVE AND REPLANT EXISTING TREES TO BE COORDINATED WITH OWNER/ARCHITECT. REMOVE BRICK PLANTERS IN ITS ENTIRETY. CLEAN AND PREP AREA FOR CONCRETE INFILL.

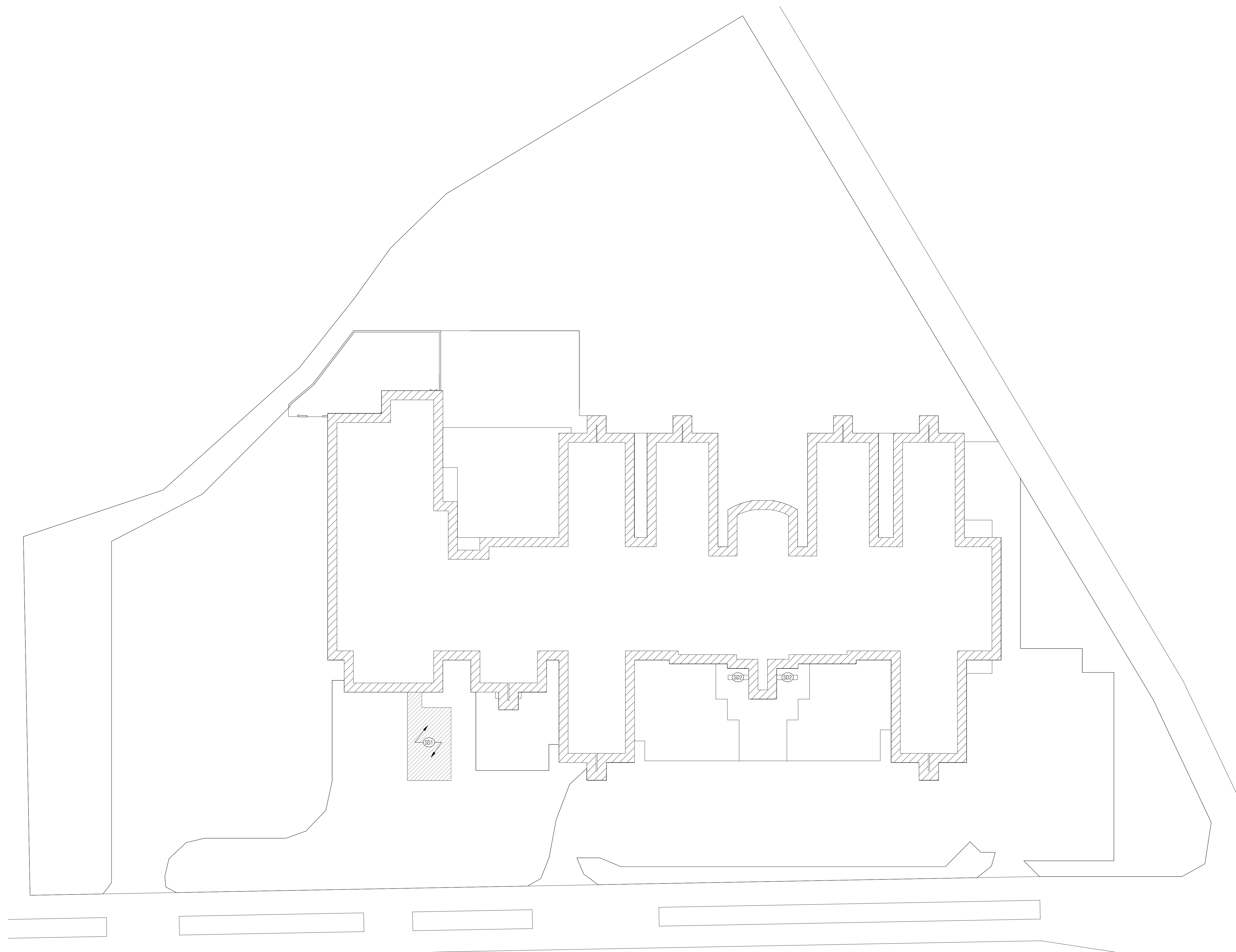


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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



11/14/2024
ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - DEMO SITE PLAN

SHEET NO.

A11.01

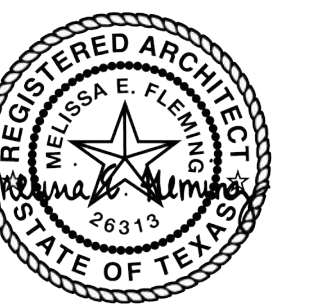
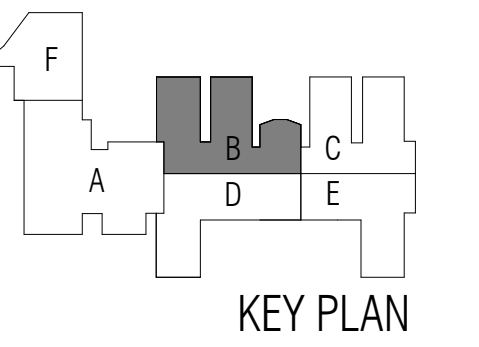
PLAN NORTH TRUE NORTH 1 SITE PLAN SCALE: 1" = 40'-0"

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CCISD PROJECT NO: 2025.401

CLEAR CREEK ISD LEAGUE CITY, TEXAS



11/14/2024

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REVISIONS

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Director
 Approver
 Designer
 Designer
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 Checker

Drawn By
 Author
 Designer
 Quality Control
 Designer
 Checker

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - DEMO PLAN - UNIT B

SHEET NO.

A12.01B

DEMOLITION NOTES

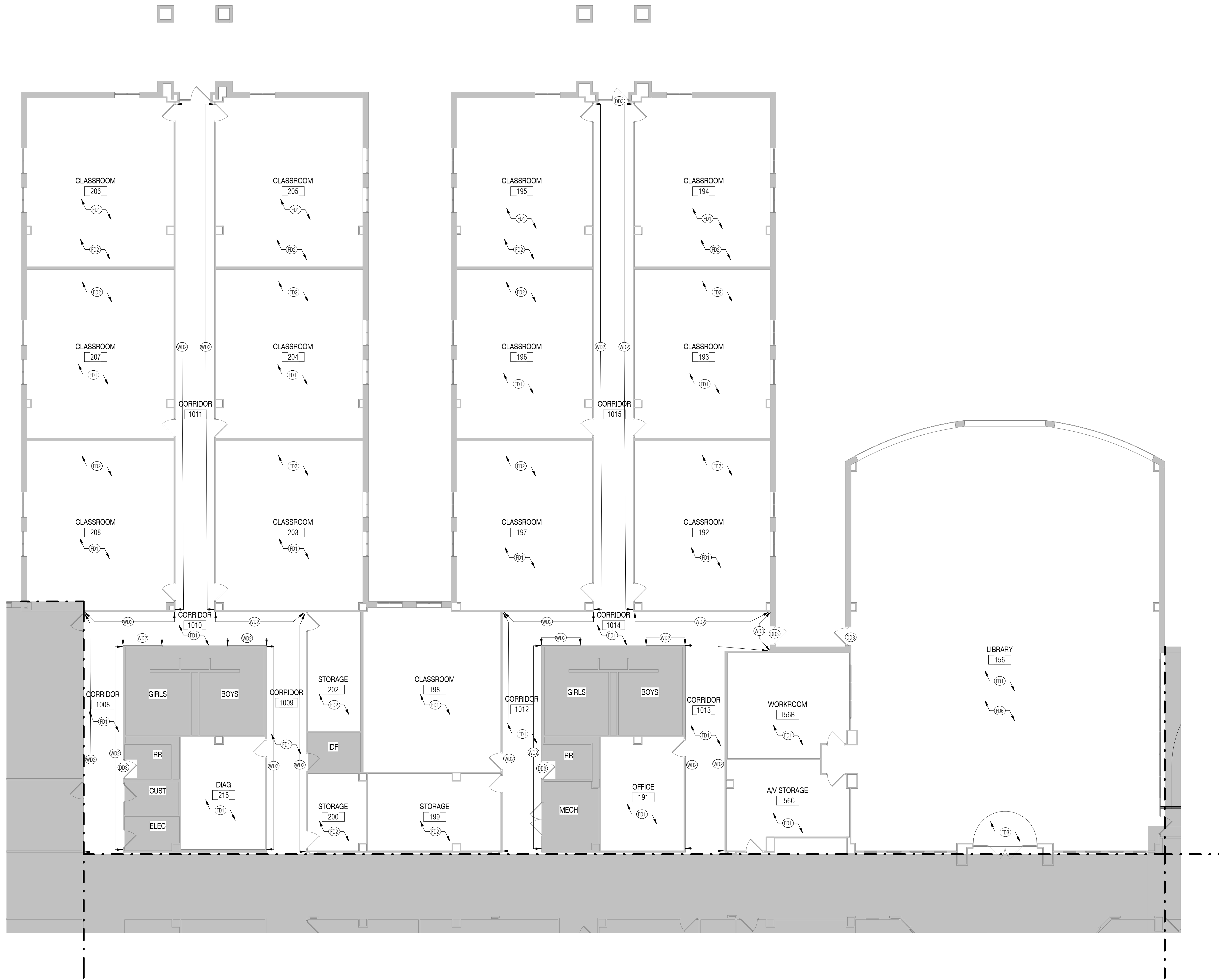
1. Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction, unless noted otherwise.
2. Existing materials containing asbestos to be removed under separate contract prior to construction by Owner's asbestos abatement contractor.
3. Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
4. Protect items to remain from damage during demolition.
5. Repair or replace at no cost to the Owner any damages to the existing building and site as a result of construction activities.
6. Refer to electrical and mechanical demolition plan for additional information.
7. Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
8. GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
9. Floor finish to not impede existing drain cleanout.
10. Remove and reinstall metal shelving at same location prior to floor removal/installation.
11. Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.
12. Remove and reinstall all room signage if vinyl wallcovering is being installed.
13. GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND

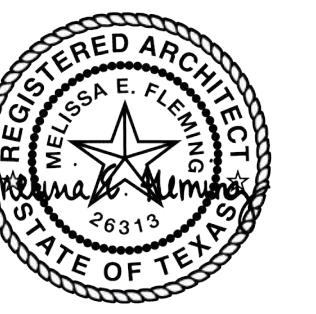
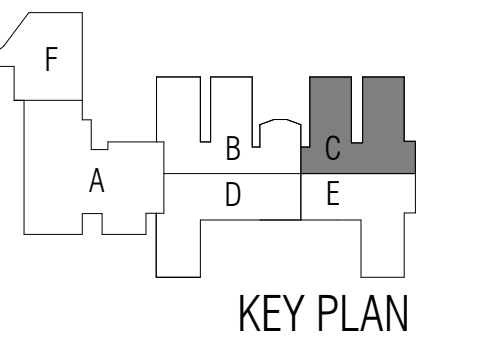


DEMOLITION KEYED NOTES

DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE. REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD3	PREP EXISTING HARDWOOD FLOORING FOR RESTAIN AND RESEAL.
FD6	REMOVE AND REPLACE INTERIOR SHELVING FOR INSTALLATION OF SCHEDULED FLOOR FINISHES. SCHEDULED FLOORING TO NOT COVER EXISTING ELECTRICAL FLOOR OUTLETS.
WD2	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. PREP FOR VINYL WALL COVERING FINISH. REMOVE AND REINSTALL ALL ROOM SIGNAGE.
WD3	PREP GYP BD WALL AND/OR CEILING FURR DOWN TO RECEIVE NEW PAINT FINISH. PAINT AREAS AT HOLE PATCHES.



1 FLOOR PLAN - DEMO - UNIT B
 SCALE: 1/8" = 1'-0"



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Revision No. Revision Date

Director
 Approver
 Designer
 Designer
 Proj. Arch.
 Checker

Drawn By
 Author
 Designer
 Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - DEMO PLAN - UNIT C

SHEET NO.

A12.01C

DEMOLITION NOTES

1. Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction, unless noted otherwise.
2. Existing materials containing asbestos to be removed under separate contract prior to construction by Owner's asbestos abatement contractor.
3. Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
4. Protect items to remain from damage during demolition.
5. Repair or replace at no cost to the Owner any damages to the existing building and site as a result of construction activities.
6. Refer to electrical and mechanical demolition plan for additional information.
7. Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
8. GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
9. Floor finish to not impede existing drain cleanout.
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11. Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.
12. Remove and reinstall all room signage if vinyl wallcovering is being installed.
13. GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND



DEMOLITION KEYED NOTES

DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE, REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
MD8	PREP EXISTING HANDRAIL FOR PAINTING
WD2	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. PREP FOR VINYL WALL COVERING FINISH. REMOVE AND REINSTALL ALL ROOM SIGNAGE.
WD3	PREP GYP BD WALL AND/OR CEILING FURR DOWN TO RECEIVE NEW PAINT FINISH. PAINT AREAS AT HOLE PATCHES.



1 FLOOR PLAN - DEMO - UNIT C
 SCALE: 1/8" = 1'-0"

DEMOLITION NOTES

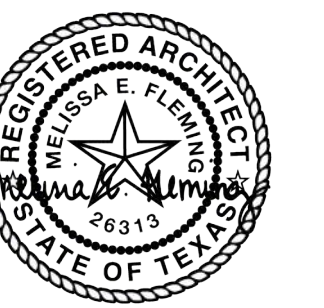
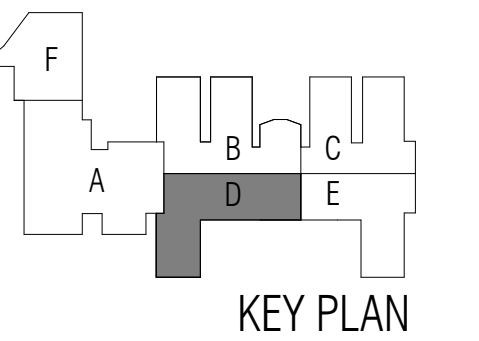
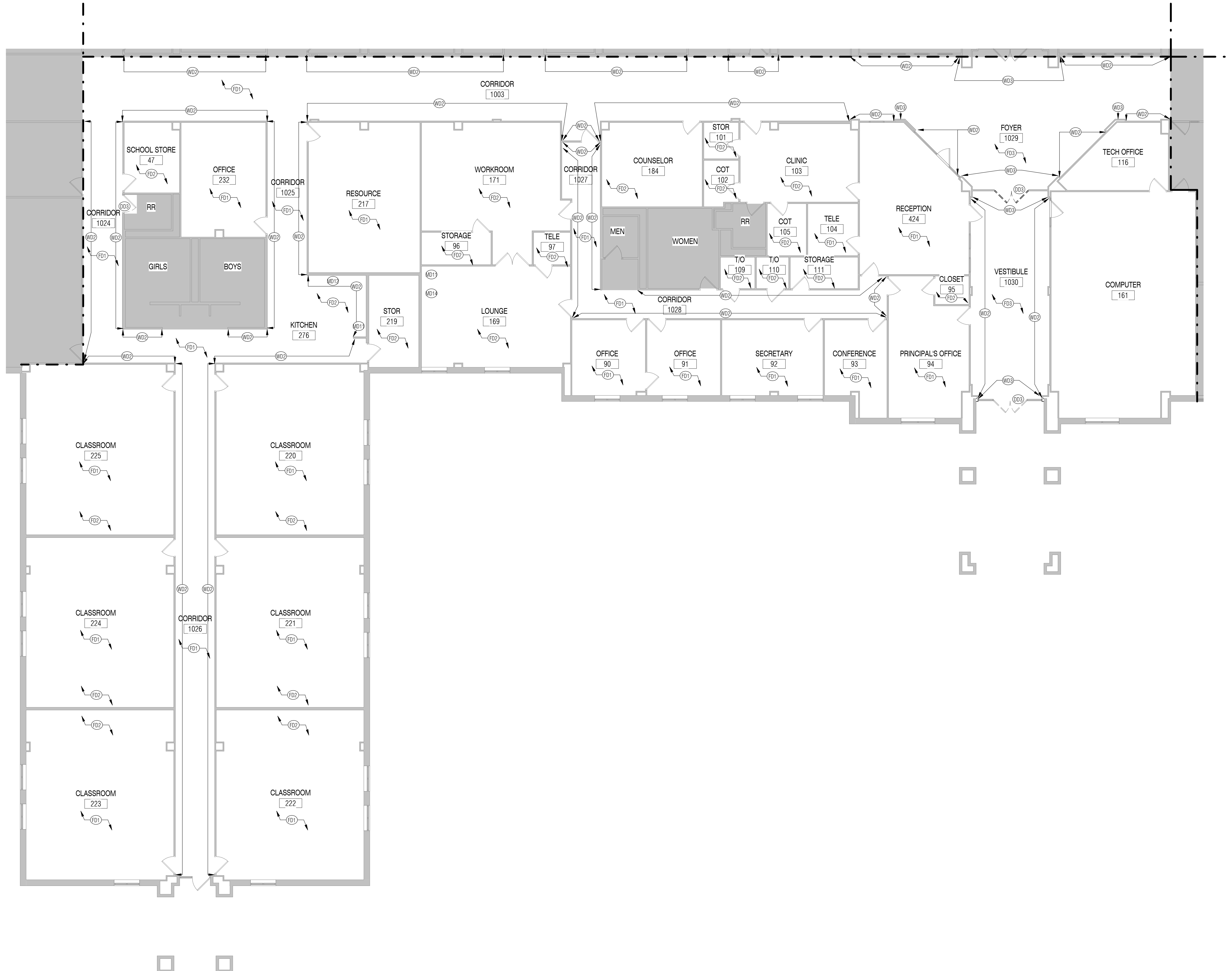
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13. GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND

NOT IN SCOPE

DEMOLITION KEYED NOTES

DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE. REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD3	PREP EXISTING HARDWOOD FLOORING FOR RESTAIN AND RESEAL.
MD11	REMOVE REFRIGERATOR AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
MD12	REMOVE RANGE AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
MD14	REMOVE UNDERCOUNTER DISHWASHER AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
WD2	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. PREP FOR VINYL WALL COVERING FINISH. REMOVE AND REINSTALL ALL ROOM SIGNAGE.
WD3	PREP GYP BD WALL AND/OR CEILING FURR DOWN TO RECEIVE NEW PAINT FINISH. PAINT AREAS AT HOLE PATCHES.



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Revision No. Revision Date

Director Drawn By
 Approver Author
 Designer Quality Control
 Designer
 Proj. Arch.
 Checker

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SHEET TITLE

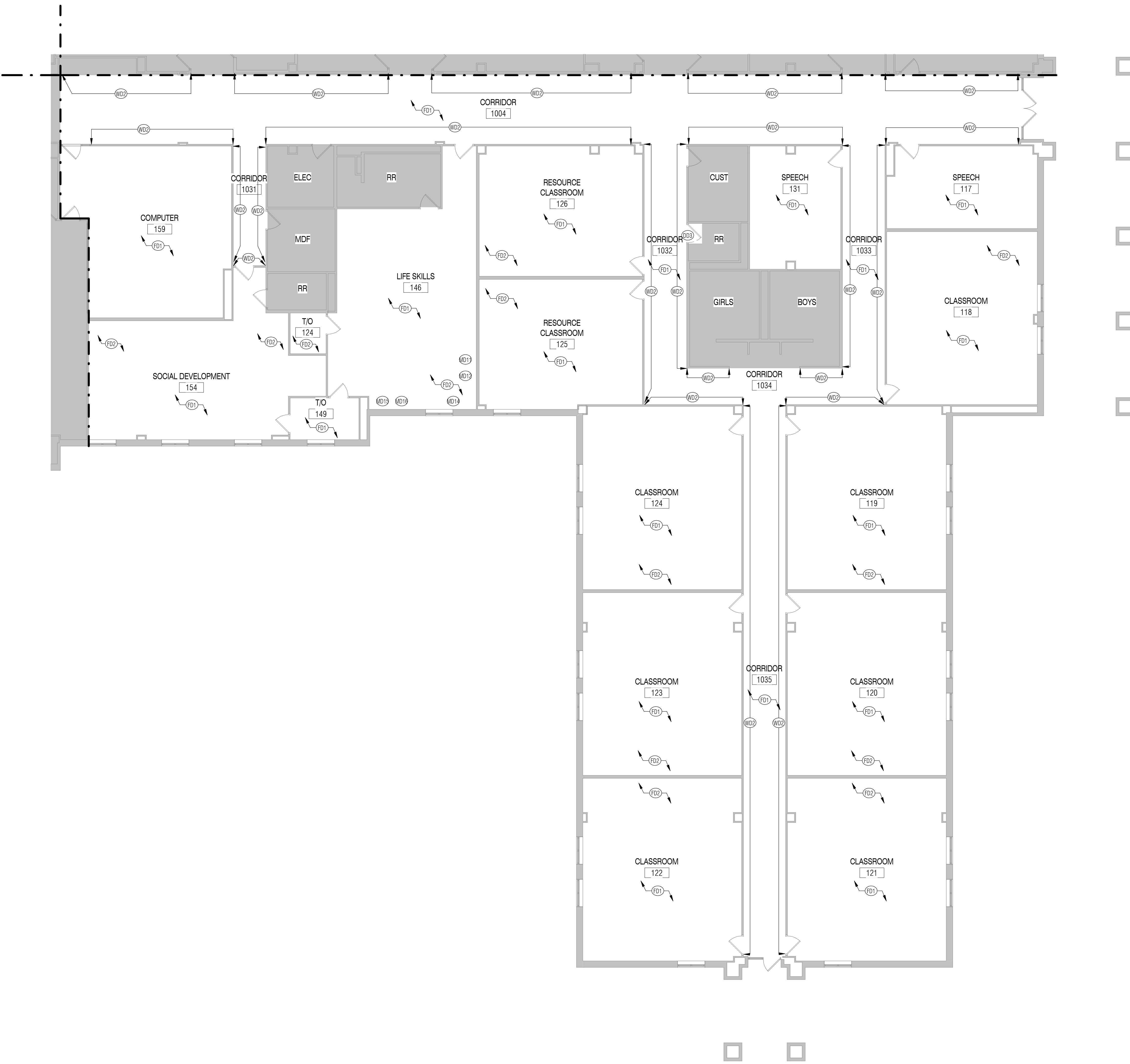
BAUE - DEMO PLAN - UNIT D

SHEET NO.

A12.01D



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



DEMOLITION NOTES

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DEMOLITION LEGEND



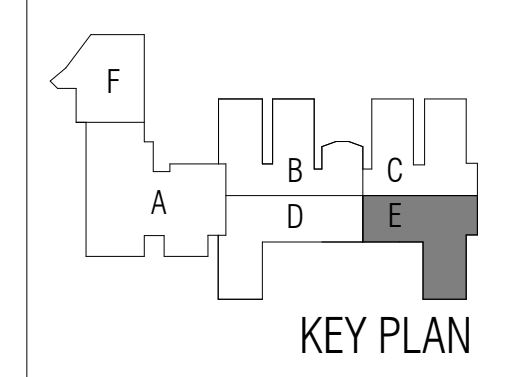
DEMOLITION KEYED NOTES

DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE. REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
MD11	REMOVE REFRIGERATOR AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
MD12	REMOVE RANGE AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
MD14	REMOVE UNDERCOUNTER DISHWASHER AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
MD15	REMOVE WASHER AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
MD16	REMOVE DRYER AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
WD2	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. PREP FOR VINYL WALL COVERING FINISH. REMOVE AND REINSTALL ALL ROOM SIGNAGE.



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CLEAR CREEK ISD
 LEAGUE CITY, TEXAS



11/14/2024

ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director
 Approver
 Designer
 Designer
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 Checker

Drawn By
 Author
 Quality Control
 Designer

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - DEMO PLAN - UNIT E

SHEET NO.

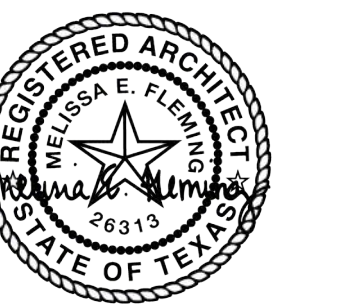
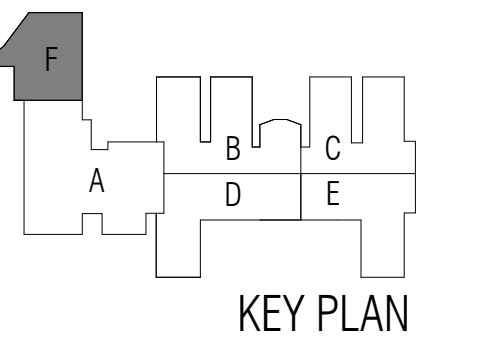
A12.01E

CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs - BAUE GILE WEBE



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



11/14/2024

ISSUED: 11/14/2024

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Revision No.	Revision Date

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Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - DEMO PLAN - UNIT F

SHEET NO.

A12.01F

DEMOLITION NOTES

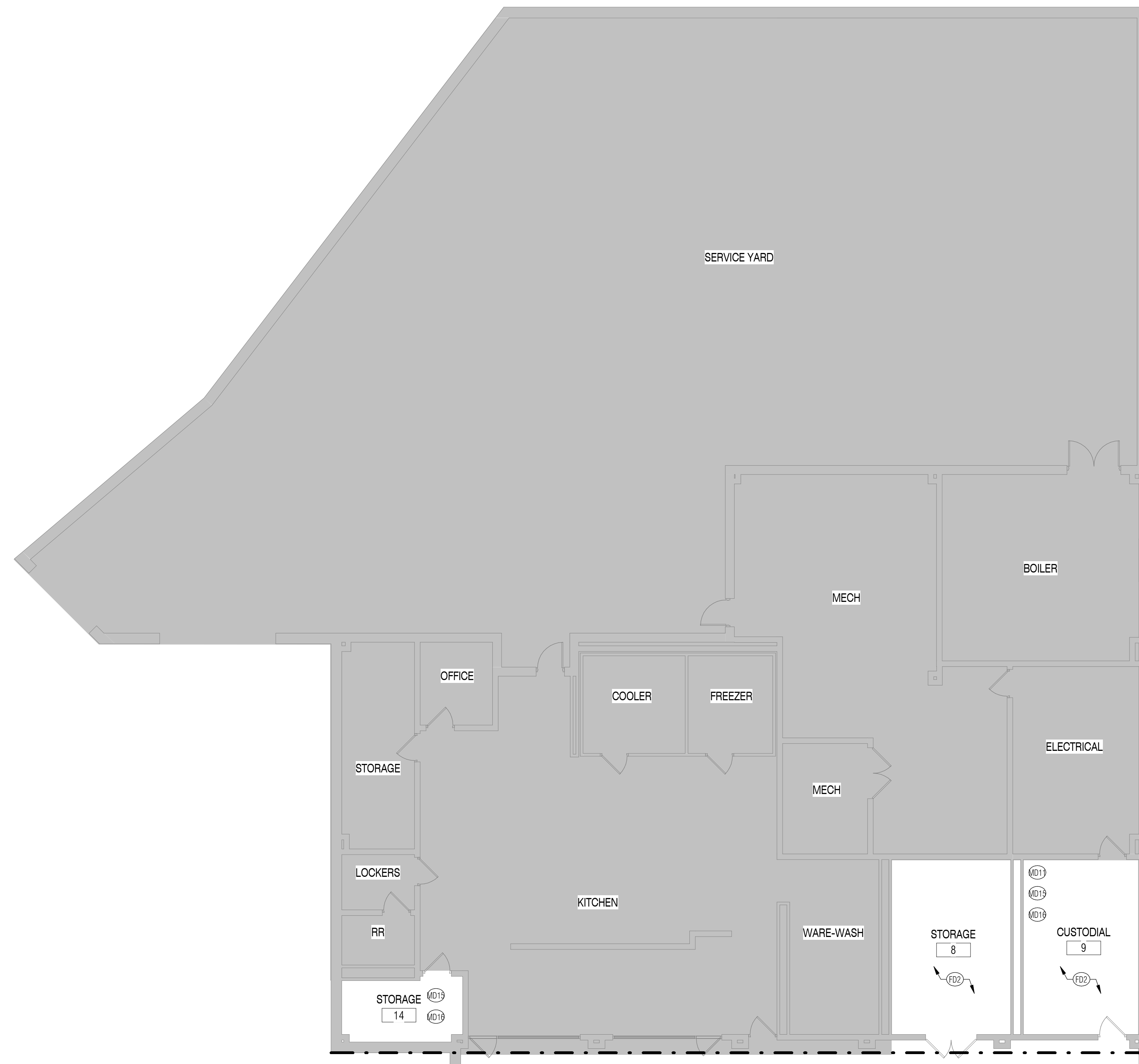
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- Remove and reinstall all room signage if vinyl wallcovering is being installed.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND

 NOT IN SCOPE

DEMOLITION KEYED NOTES

FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
MD11	REMOVE REFRIGERATOR AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
MD15	REMOVE WASHER AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.
MD16	REMOVE DRYER AND RETURN TO DISTRICT. PREP AREA FOR NEW APPLIANCES IN EXACT LOCATION.



1 FLOOR PLAN - DEMO - UNIT F
SCALE: 1/8" = 1'-0"

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A4	TILE WAINSCOT AT FRONT AND LIBRARY ENTRY. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. REMOVE WOOD CHAIR RAILING EDGING. REMOVE AND REINSTALL SHELVING IF NEEDED. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A8	REPLACE EXISTING PARTITION WITH MANUAL FOLDING PARTITION.

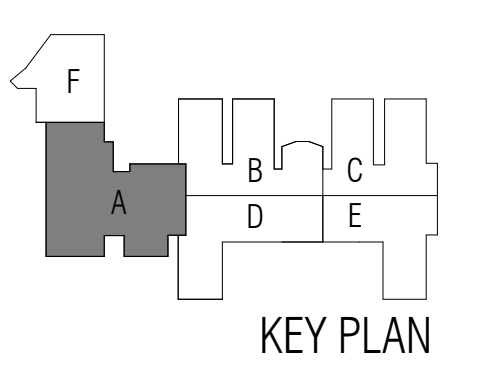


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CCISD PROJECT NO:
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2025.401

CCISD Priority Repairs - BAUE GILE WEBE



11/14/2024

ISSUED: 11/14/2024

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Revision No. Revision Date

Director
Approver
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control
Designer

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - ALTERNATE PLAN - UNIT A

SHEET NO.

A12.03A

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1 FLOOR PLAN - ALTERNATE - UNIT A
 SCALE: 1/8" = 1'-0"

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A4	TILE WAINSCOT AT FRONT AND LIBRARY ENTRY. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. REMOVE WOOD CHAIR RAILING EDGING. REMOVE AND REINSTALL SHELVING IF NEEDED. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.

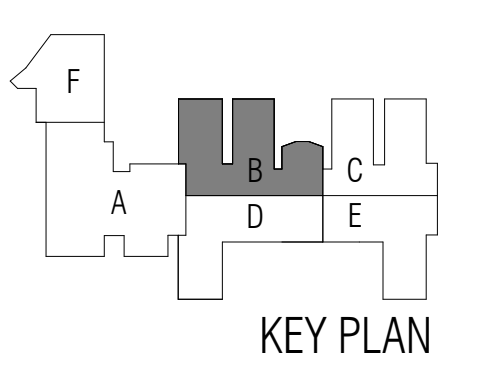


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2025.401

CCISD Priority Repairs - BAUE GILE WEBE



11/14/2024

ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control

PROJECT NO.

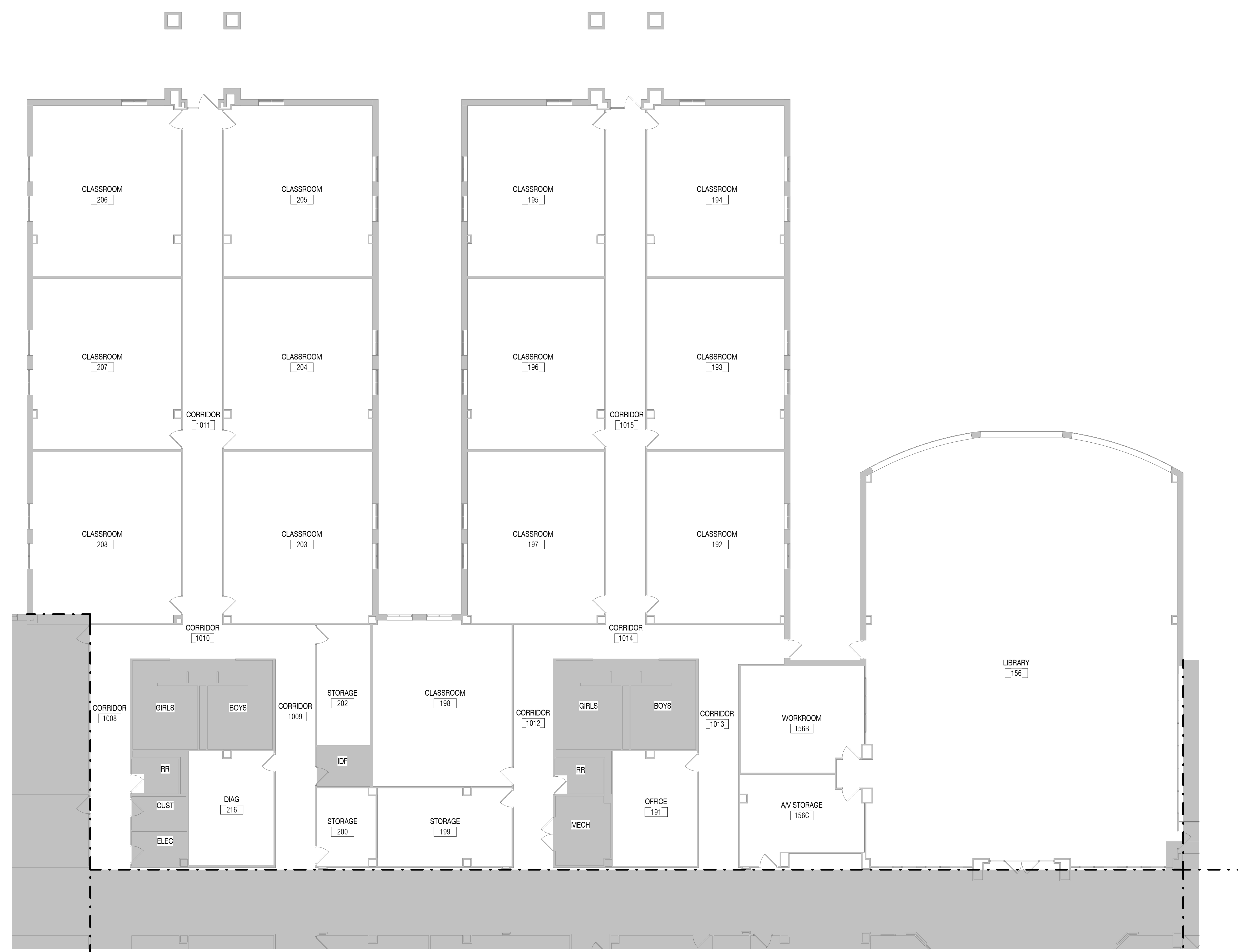
24-045.00

SHEET TITLE

BAUE - ALTERNATE PLAN - UNIT B

SHEET NO.

A12.03B



1 FLOOR PLAN - ALTERNATE - UNIT B
 SCALE: 1/8" = 1'-0"

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A4	TILE WAINSCOT AT FRONT AND LIBRARY ENTRY. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. REMOVE WOOD CHAIR RAILING EDGING. REMOVE AND REINSTALL SHELVING IF NEEDED. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.

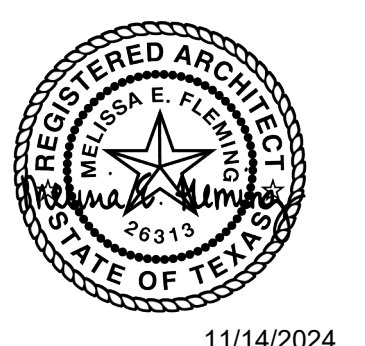
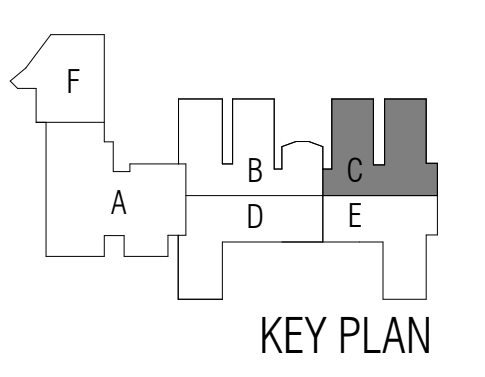
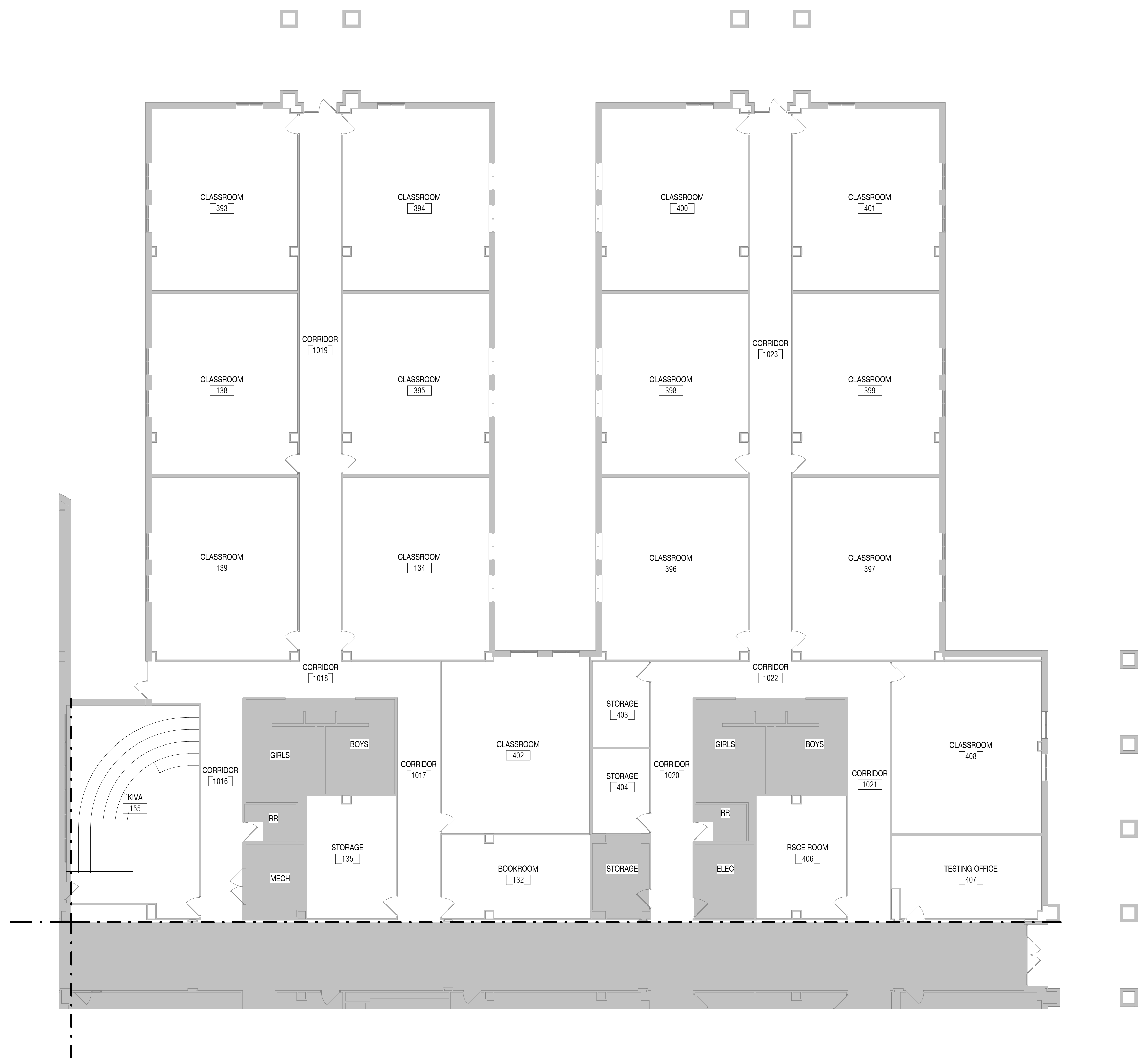


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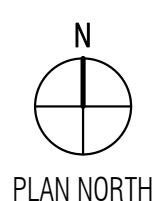
PROJECT NO.

24-045.00

SHEET TITLE

BAUE - ALTERNATE PLAN - UNIT C

SHEET NO.



1 FLOOR PLAN - ALTERNATE - UNIT C
 SCALE: 1/8" = 1'-0"

A12.03C

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A4	TILE WAINSCOT AT FRONT AND LIBRARY ENTRY. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. REMOVE WOOD CHAIR RAILING EDGING. REMOVE AND REINSTALL SHELVING IF NEEDED. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.

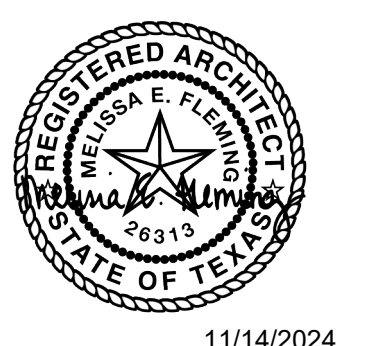
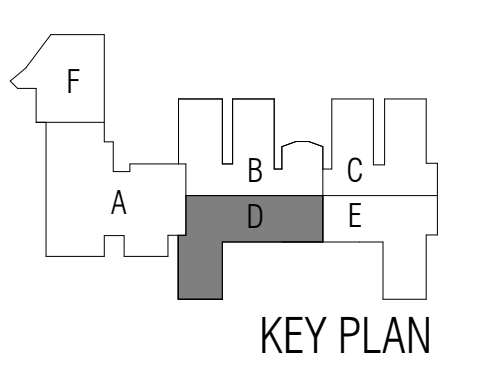


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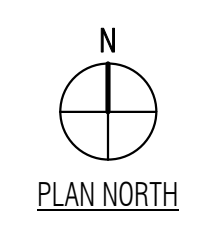
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SHEET TITLE
 BAUE - ALTERNATE PLAN -
 UNIT D

SHEET NO.

A12.03D



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

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A4	TILE WAINSCOT AT FRONT AND LIBRARY ENTRY. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. REMOVE WOOD CHAIR RAILING EDGING. REMOVE AND REINSTALL SHELVING IF NEEDED. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.

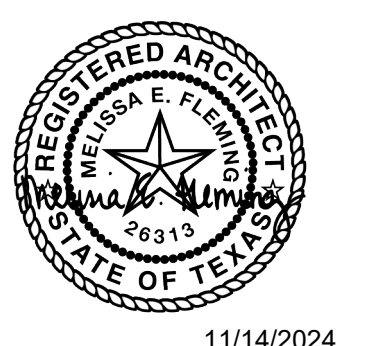
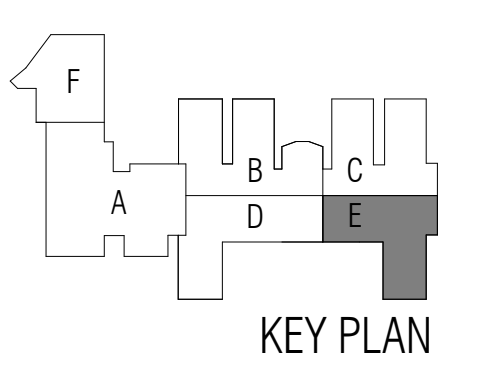


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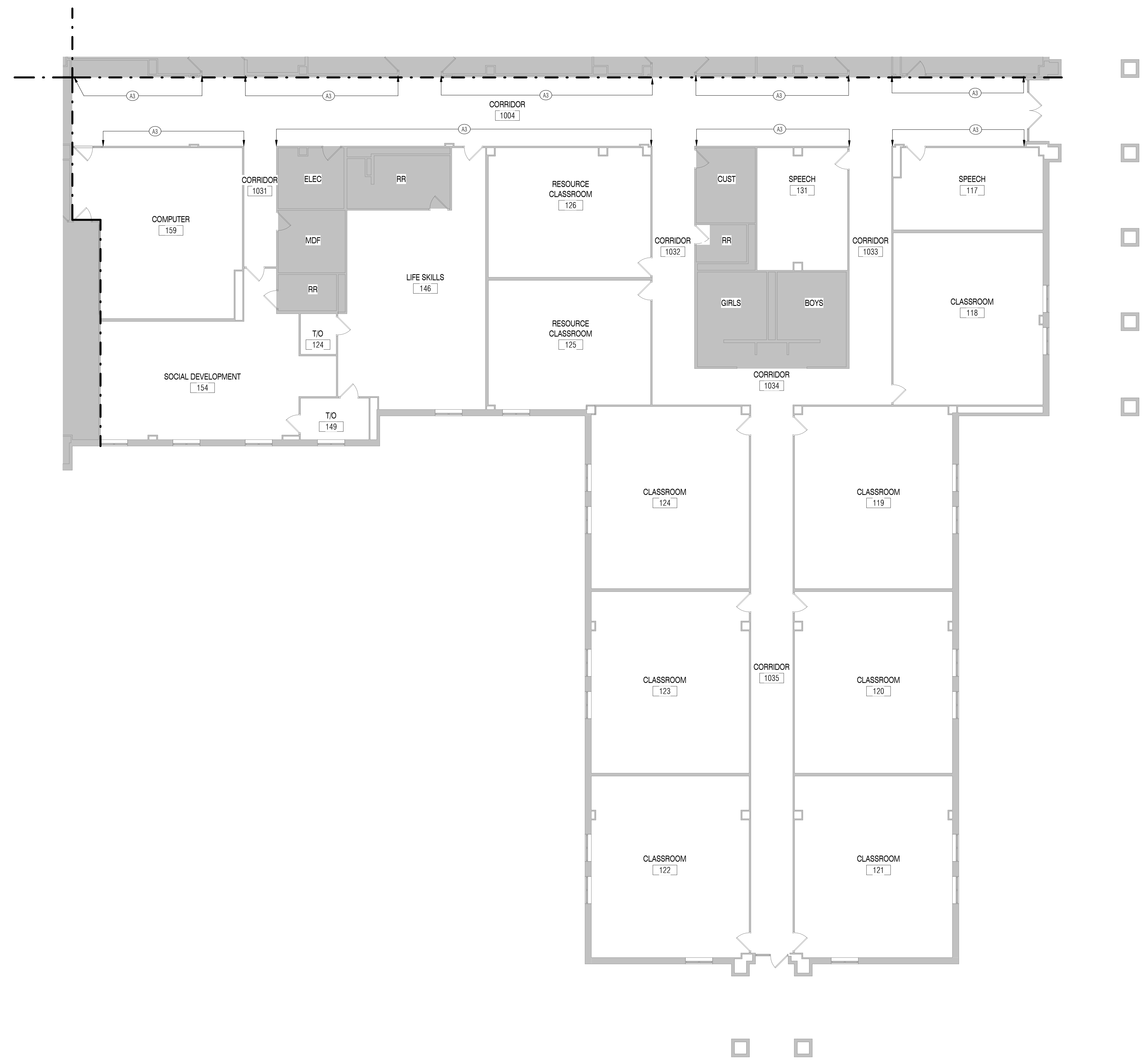
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SHEET TITLE

BAUE - ALTERNATE PLAN - UNIT E

SHEET NO.

A12.03E



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

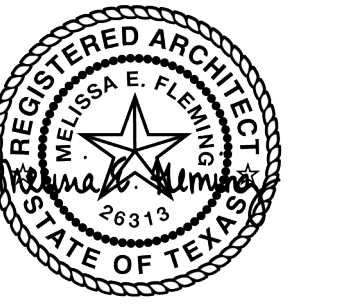
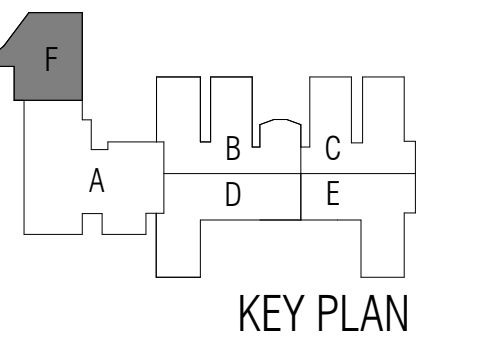
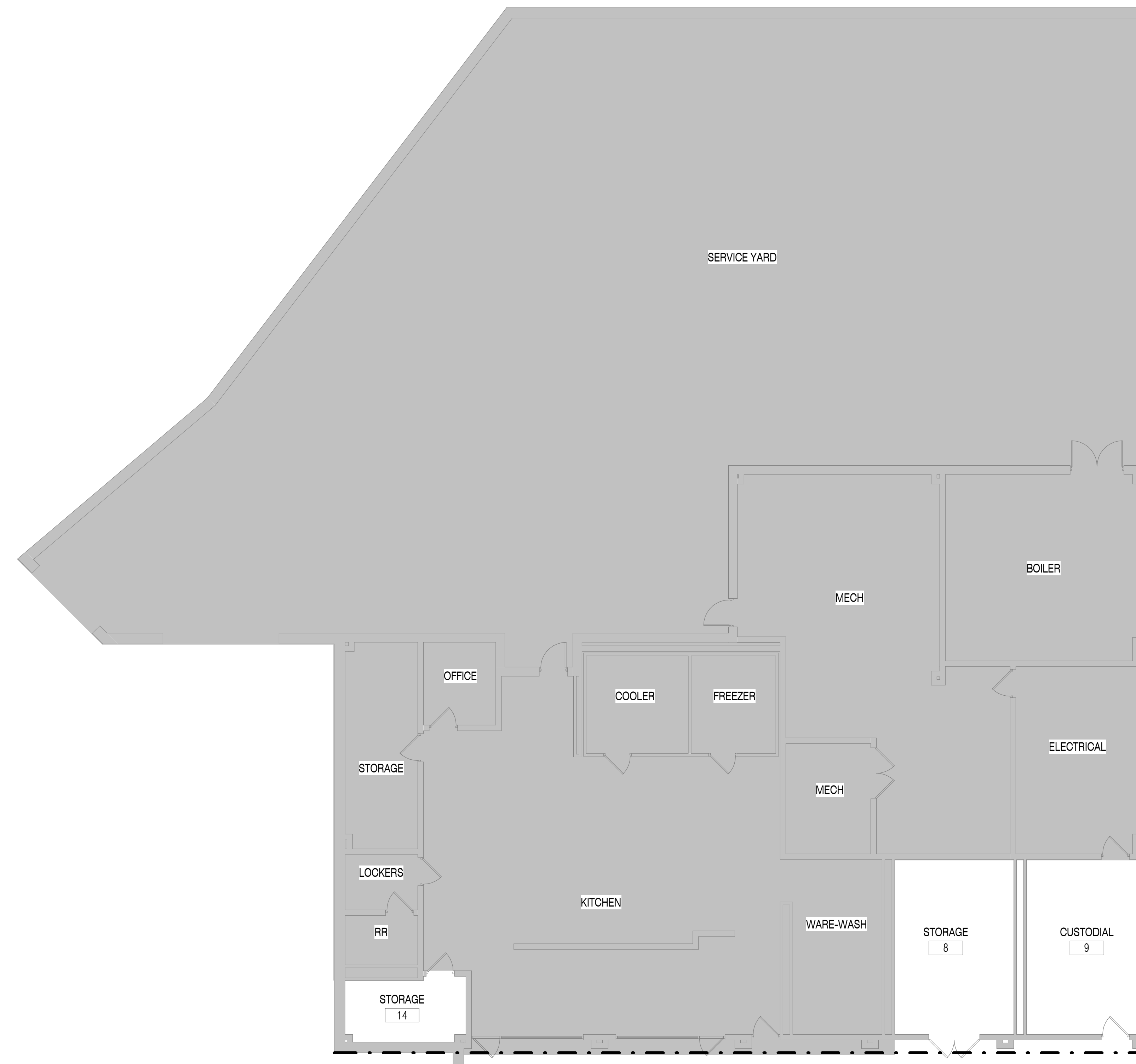
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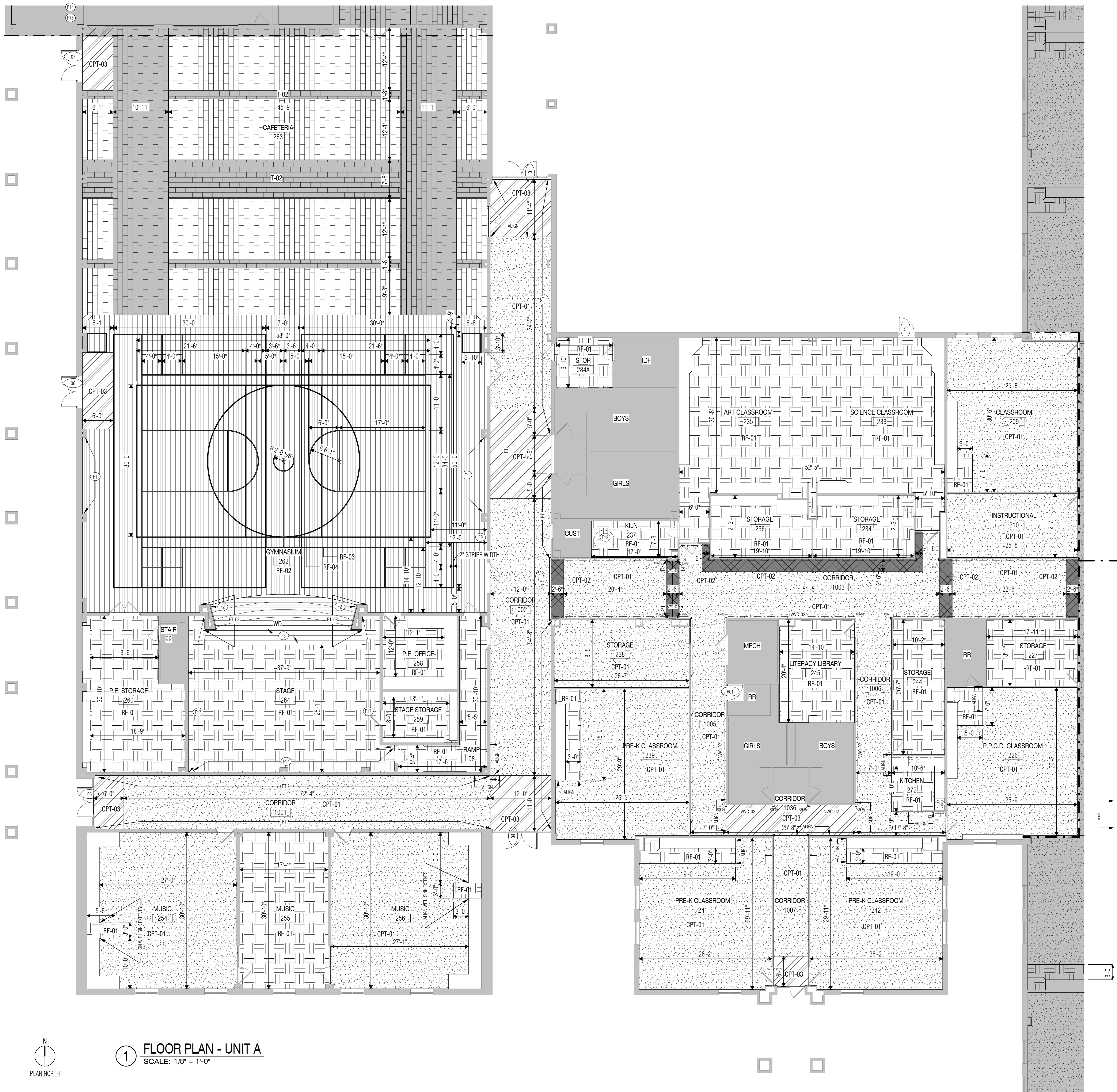
BAUE - ALTERNATE PLAN - UNIT F

SHEET NO.

A12.03F



1 FLOOR PLAN - ALTERNATE - UNIT F
 SCALE: 1/8" = 1'-0"



FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- Building to receive repair throughout, including handrails and exposed structure.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	CO-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

T	TILE - WAINSCOT (TILE SIZE)
CG	CORNER GUARD
PT	PAINT
---	TAPE AND FLOAT VWC-01 U.N.O.

FLOOR PLAN LEGEND

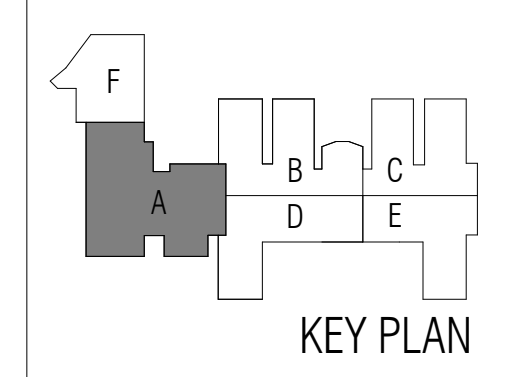
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FLOOR PLAN KEYED NOTES

F1	WALL PADS
F2	STAINLESS STEEL HANDRAIL
F8	WOOD TO BE REFINISHED, STAINED, AND SEALED
F9	EXISTING MARKERBOARD
F10	REFRIGERATOR
F11	RANGE
F12	EXISTING KILN
F14	RESIDENTIAL WASHER
F15	RESIDENTIAL DRYER
F17	BC-02 AT STAGE EXTENTS.



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PROJECT NO.
24-045.00

SHEET TITLE
BAUE - FLOOR PLAN - UNIT A

SHEET NO.

A12.11A

CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs - BAUE GILE WEBE

1 FLOOR PLAN - UNIT A
 SCALE: 1/8" = 1'-0"



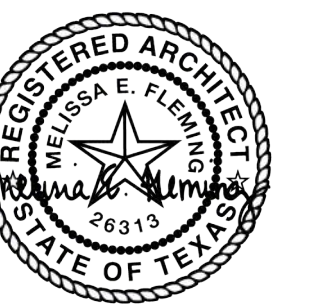
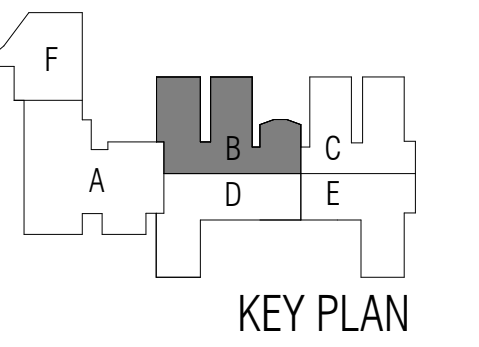
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CCISD Priority Repairs - BAUE GILE WEBE



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SHEET TITLE

BAUE - FLOOR PLAN - UNIT B

SHEET NO.

A12.11B

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- Building to receive repair throughout, including handrails and exposed structure.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

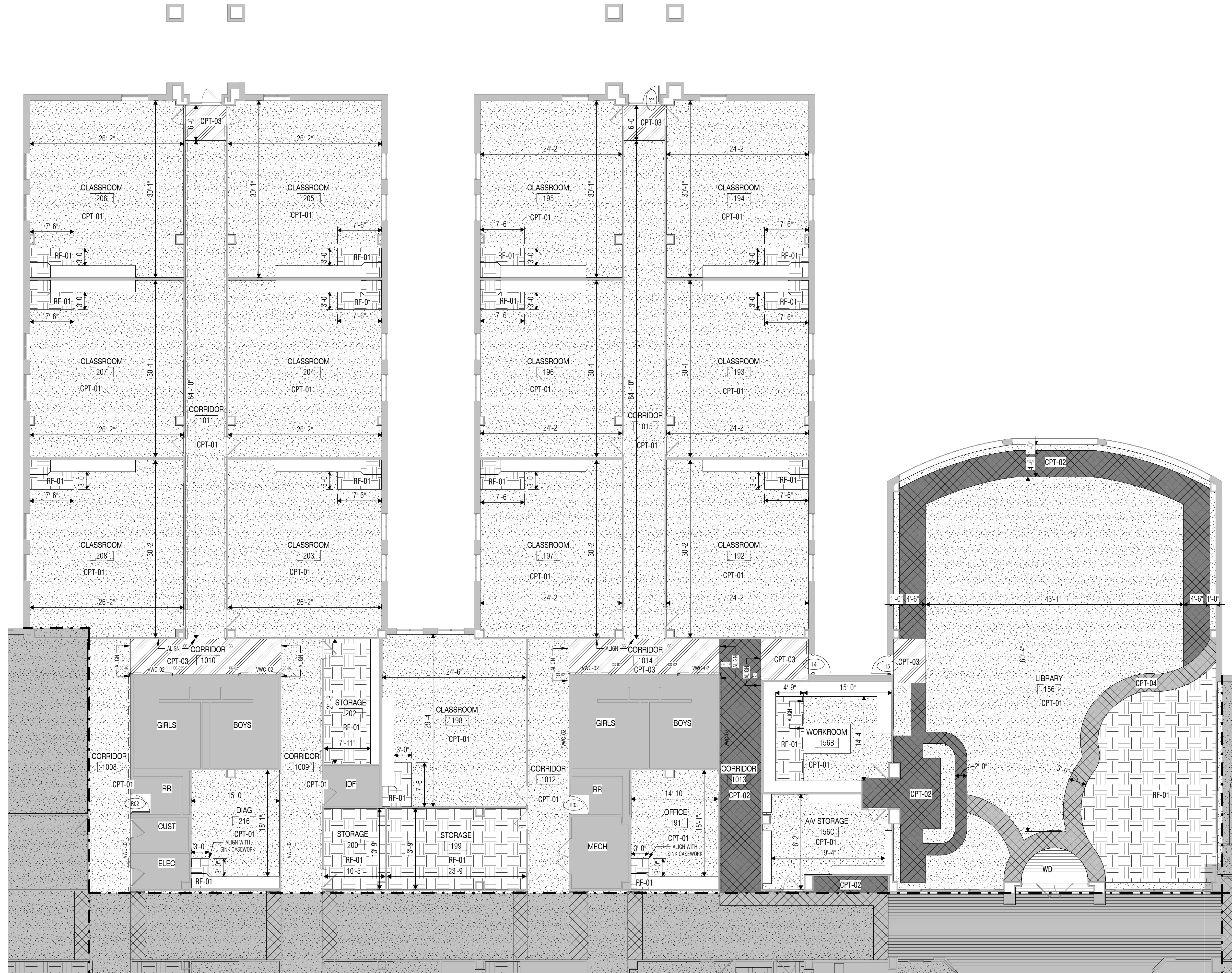
	CO-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

T	TILE - WAINSCOT (TILE SIZE)
CG	CORNER GUARD
PT	PAINT
---	TAPE AND FLOAT VWC-01 U.N.O.

FLOOR PLAN LEGEND

	NOT IN SCOPE
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1 FLOOR PLAN - UNIT B
SCALE: 1/8" = 1'-0"

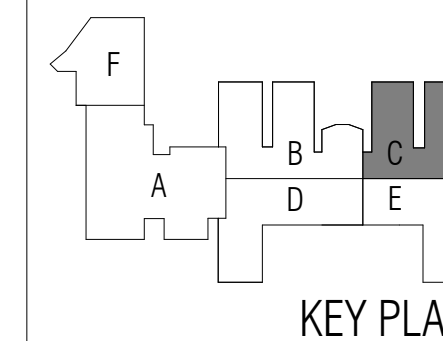
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SHEET TITLE

BAUE - FLOOR PLAN - UNIT C

SHEET NO.

A12.11C

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- Building to receive repair throughout, including handrails and exposed structure.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

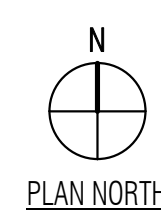
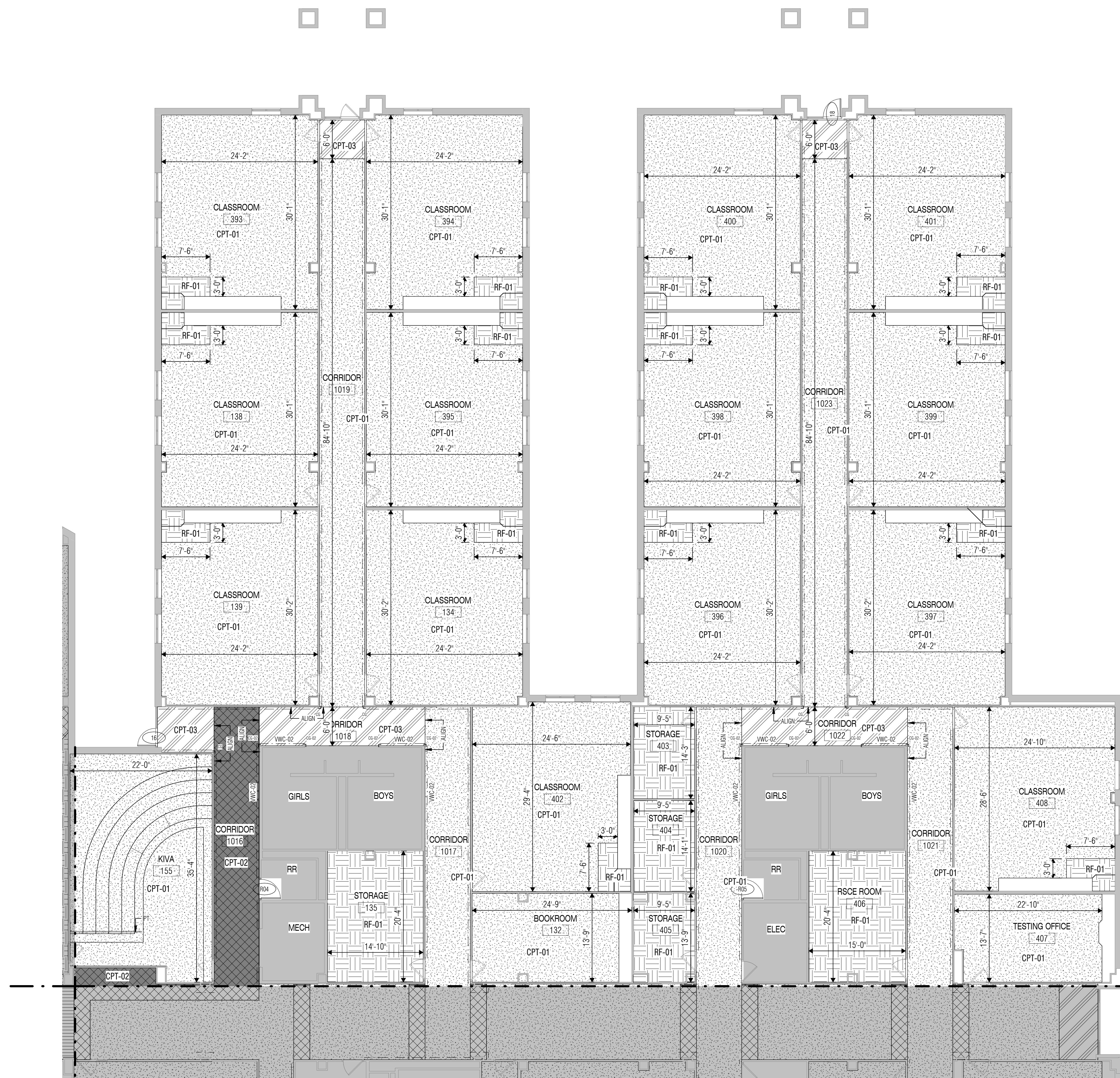
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	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

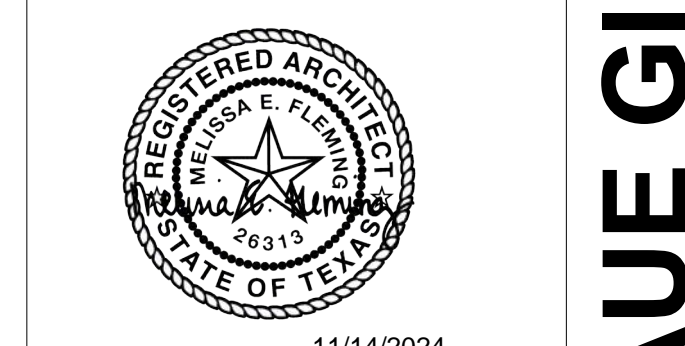
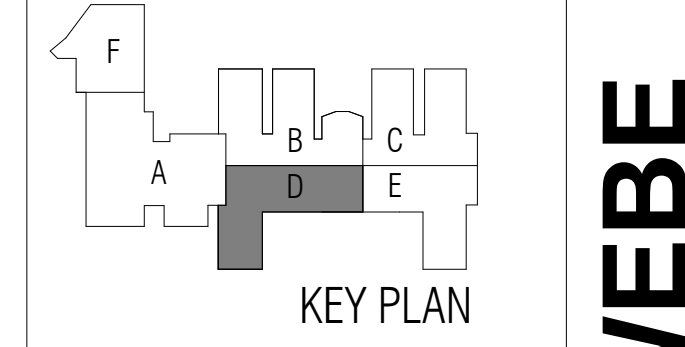
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	CG	CORNER GUARD
	PT	PAINT
		TAPE AND FLOAT VWC-01 U.N.O.

FLOOR PLAN LEGEND

	NOT IN SCOPE
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1 FLOOR PLAN - UNIT C
 SCALE: 1/8" = 1'-0"



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 SHEET TITLE
BAUE - FLOOR PLAN - UNIT D
 SHEET NO.

A12.11D

CLEAR CREEK ISD
 LEAGUE CITY, TEXAS

CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs - BAUE GILE WEBE

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- Building to receive repair throughout, including handrails and exposed structure.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	CO-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

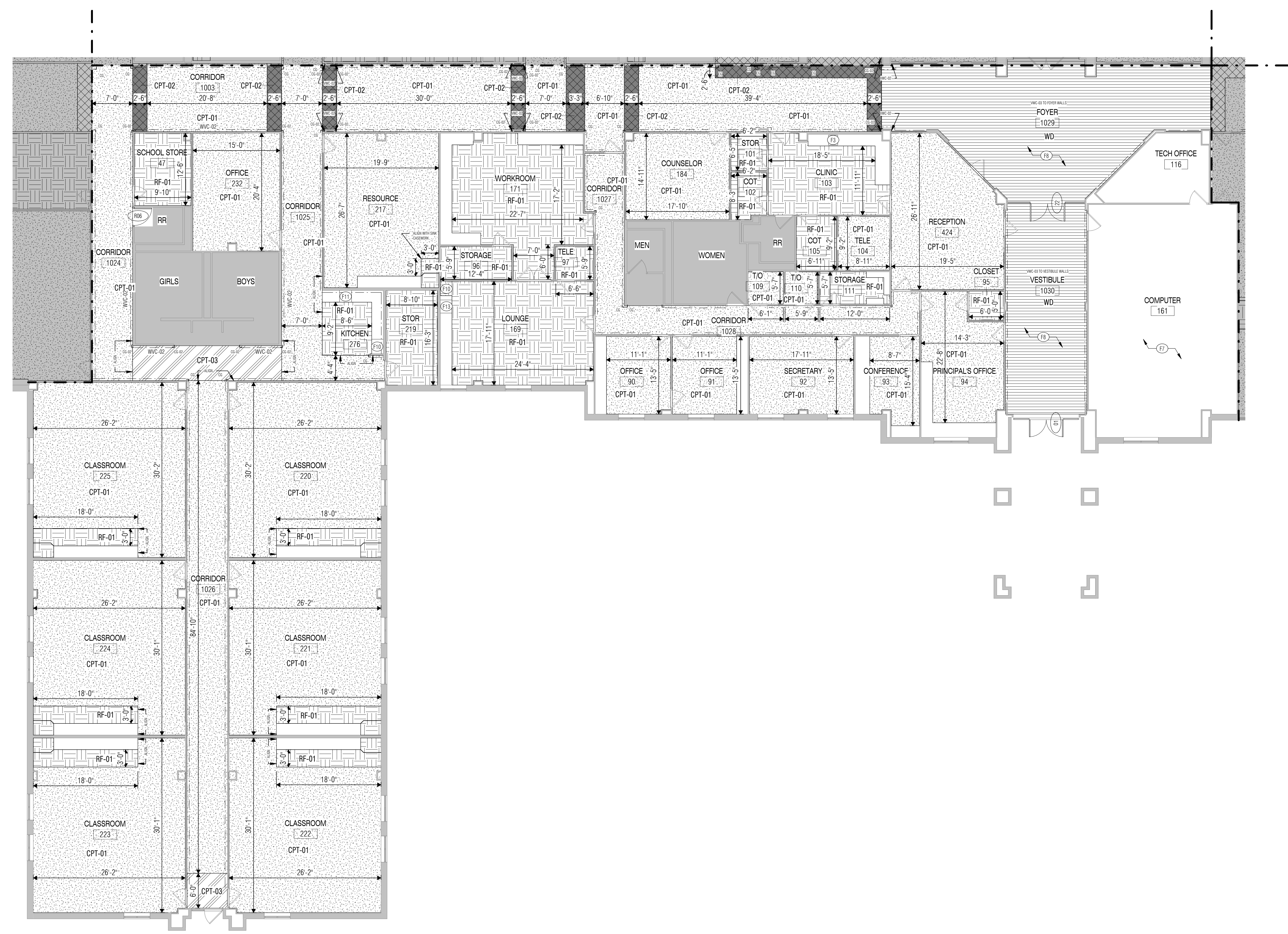
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CG	CORNER GUARD
PT	PAINT
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FLOOR PLAN LEGEND

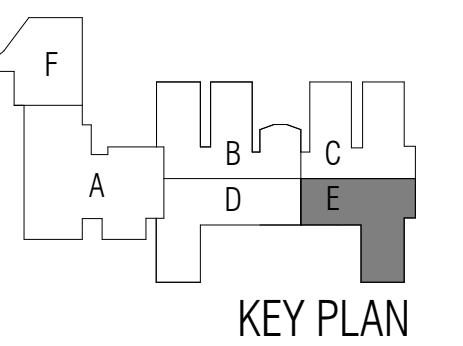
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FLOOR PLAN KEYED NOTES

F3	UNDERCOUNTER REFRIGERATOR
F7	(1) UNINSTANTIATED ROLLED CARPET BE PROVIDED TO CCISD FOR INSTALLATION AT A LATER TIME
F8	WOOD TO BE REFINISHED, STAINED, AND SEALED
F10	REFRIGERATOR
F11	RANGE
F13	UNDERCOUNTER DISHWASHER



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



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SHEET TITLE

BAUE - FLOOR PLAN - UNIT E

SHEET NO.

A12.11E

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- Building to receive repair throughout, including handrails and exposed structure.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	CO-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

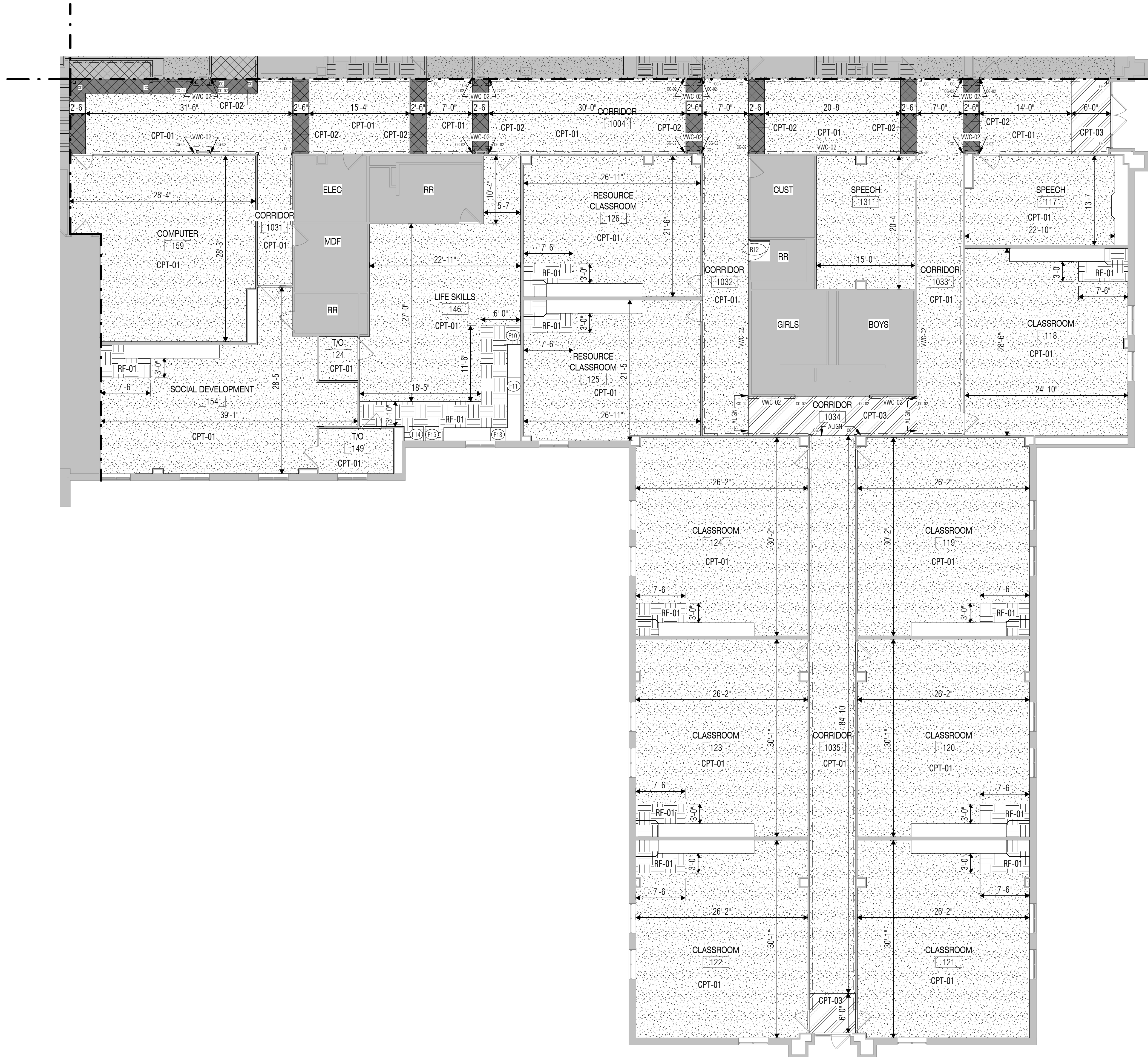
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	CG	CORNER GUARD
	PT	PAINT
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FLOOR PLAN LEGEND

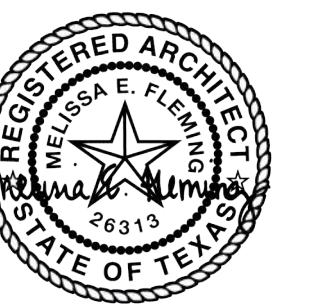
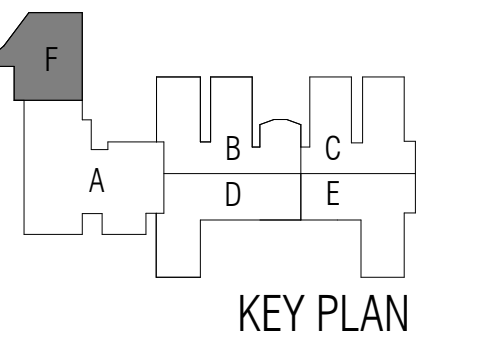
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FLOOR PLAN KEYED NOTES

F10	REFRIGERATOR
F11	RANGE
F13	UNDERCOUNTER DISHWASHER
F14	RESIDENTIAL WASHER
F15	RESIDENTIAL DRYER



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



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SHEET TITLE
BAUE - FLOOR PLAN - UNIT F
SHEET NO.

A12.11F

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- Building to receive repair throughout, including handrails and exposed structure.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	CO-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

	T	TILE - WAINSCOT [TILE SIZE]
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	PT	PAINT
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FLOOR PLAN LEGEND

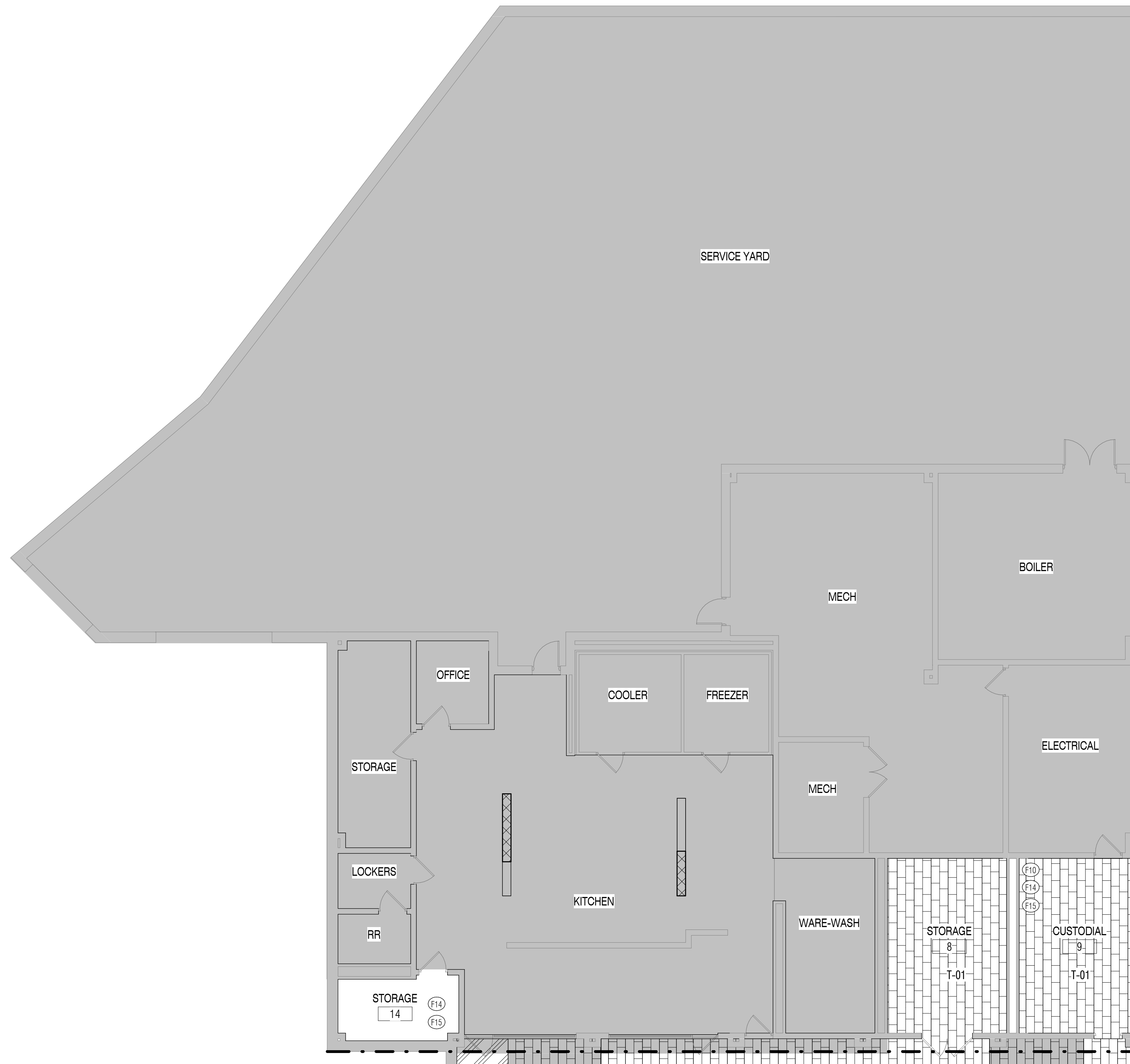
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FLOOR PLAN KEYED NOTES

F10	REFRIGERATOR
F14	RESIDENTIAL WASHER
F15	RESIDENTIAL DRYER

FLOOR PLAN LEGEND

	METAL STUD PARTITION. Extend 4" above highest ceiling plane and brace to structure above as noted in Floor Plan Notes. Refer to Reflected Ceiling Plan for fire, smoke and sound-conditioned partitions that extend to deck above.
	CMU PARTITION. Extend 4" above highest ceiling plane and brace to structure above as detailed. Refer to Reflected Ceiling Plan for fire, smoke and sound-conditioned partitions that extend to deck above.
	LOCKER TYPE For locker types, ref. _/A_
	LOCKER QUANTITY
	FURNITURE, FIXTURE OR EQUIPMENT BY OWNER. Coordinate with adjacent electrical devices, casework, etc.
	MB MARKERBOARD. Preceding number is length, in feet.
	TB TACKBOARD. Preceding number is length, in feet.
	TS TACK STRIP. Preceding number is length, in feet.
	IMI INTERACTIVE MARKERBOARD
	IFP INTERACTIVE FLAT PANEL
	FEC FIRE EXTINGUISHER WITH CABINET AND BRACKET
	FE FIRE EXTINGUISHER WITH BRACKET
	FHC FIRE HOSE CABINET
	HB HORIZONTAL BLINDS
	RS ROLLING WINDOW SHADES
	DS DOWNSPOUT



1 FLOOR PLAN - UNIT F
 SCALE: 1/8" = 1'-0"

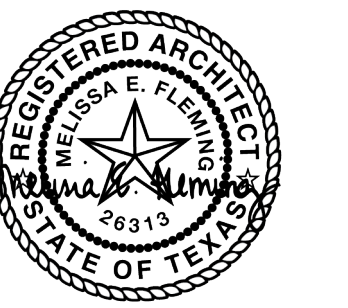
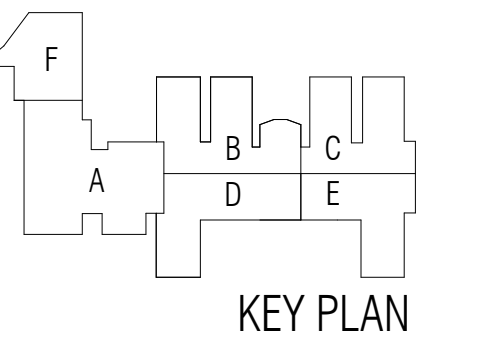
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 2025.401

CCISD PROJECT NO:
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CCISD Priority Repairs - BAUE GILE WEBE



11/14/2024

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 Proj. Arch. Proj. Arch.
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 Quality Control

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SHEET TITLE

BAUE - DEMO OVERALL
 REFLECTED CEILING PLAN

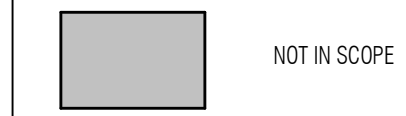
SHEET NO.

A16.01

DEMOLITION NOTES

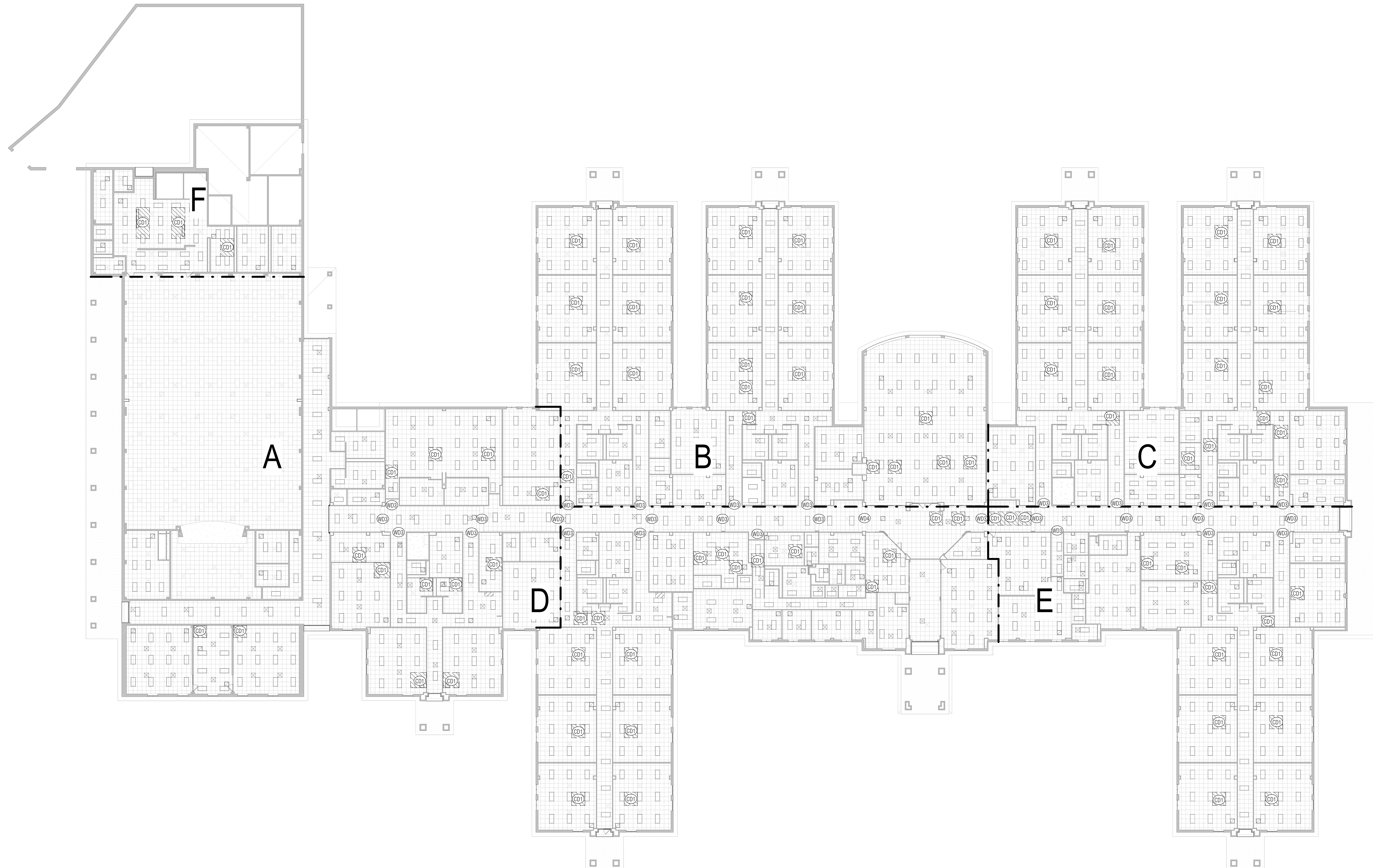
1. Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction, unless noted otherwise.
2. Existing materials containing asbestos to be removed under separate contract prior to construction by Owner's asbestos abatement contractor.
3. Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
4. Protect items to remain from damage during demolition.
5. Repair or replace at no cost to the Owner any damages to the existing building and site as a result of construction activities.
6. Refer to electrical and mechanical demolition plan for additional information.
7. Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
8. GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
9. Floor finish to not impede existing drain cleanout.
10. Remove and reinstall metal shelving at same location prior to floor removal/installation.
11. Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.
12. Remove and reinstall all room signage if vinyl wallcovering is being installed.

DEMOLITION LEGEND



DEMOLITION KEYED NOTES

CD1	REMOVE AND REPLACE CEILING TILES AND GRID AS INDICATED ON DEMO RCPS FOR MEP REPLACEMENT. REF. MEP FOR LOCATION OF MEP EQUIPMENT REPLACEMENT.
WD3	PREP GYP BD WALL AND/OR CEILING FURR DOWN TO RECEIVE NEW PAINT FINISH. PAINT AREAS AT HOLE PATCHES.
WD4	PRESERVE AND PROTECT EXISTING WALL AND ARTWORK



1 BAUE - OVERALL REFLECTED CEILING PLAN - DEMO
 SCALE: 3/64" = 1'-0"

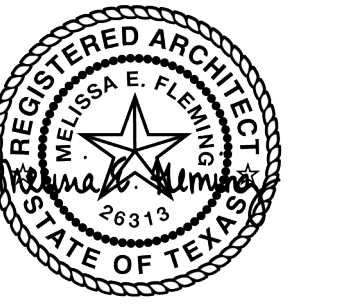
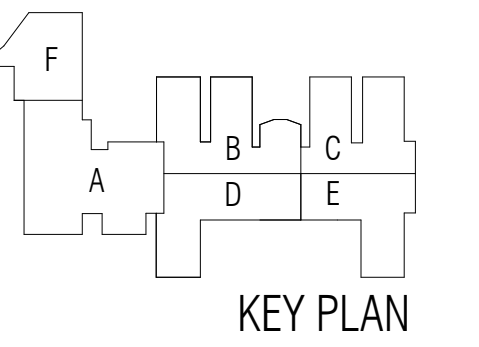
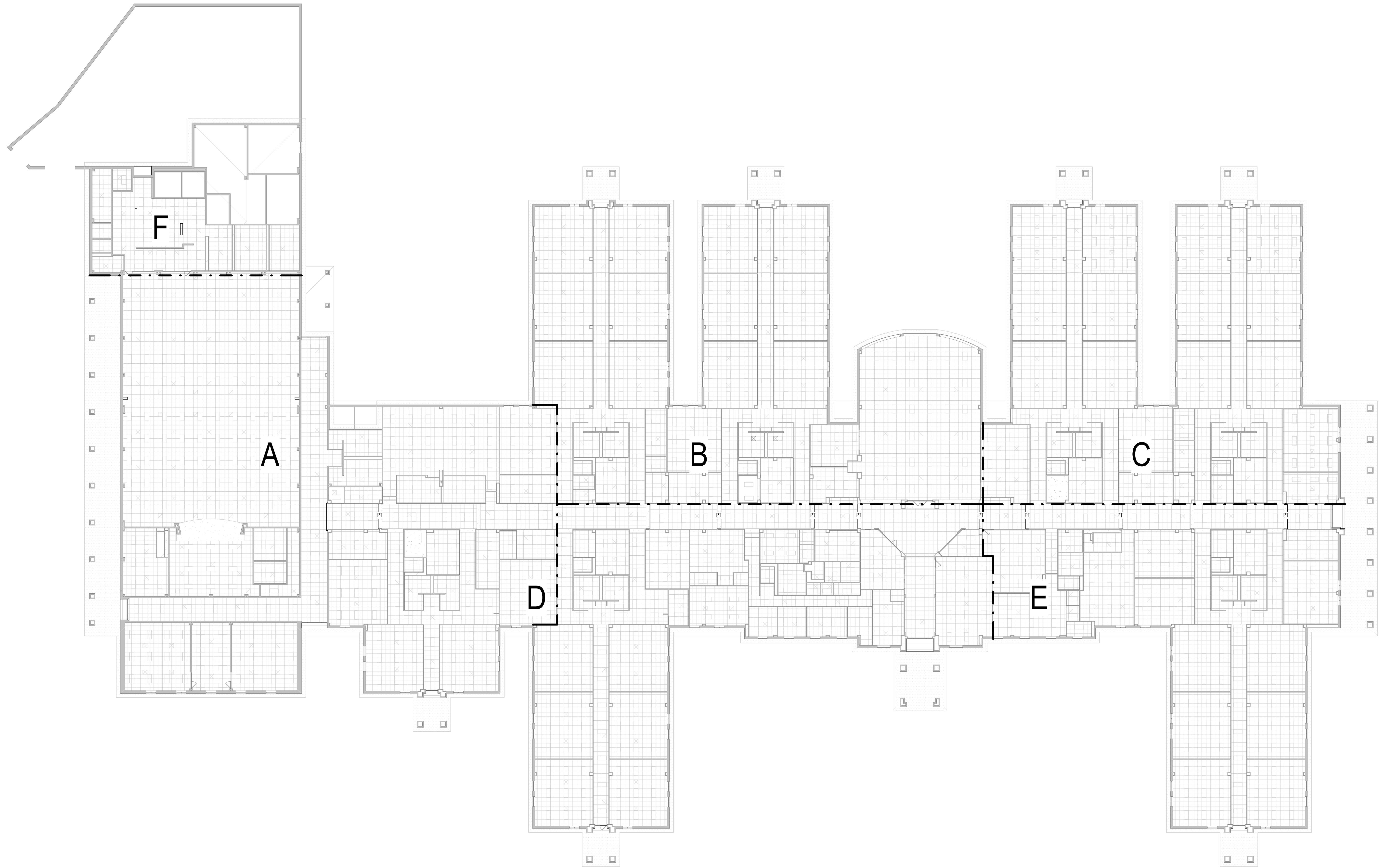
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SHEET TITLE

BAUE - OVERALL
 REFLECTED CEILING PLAN

SHEET NO.

A16.11



1 REFLECTED CEILING PLAN
 SCALE: 3/64" = 1'-0"

FINISH ACCESSORY, FURNITURE AND EQUIPMENT SCHEDULE

NOTE: ALL MATERIALS, PRODUCTS, SIZES, COLORS AND PATTERNS ARE THE BASIS OF DESIGN. REFERENCE PROJECT MANUAL FOR ADDITIONAL APPROVED MANUFACTURERS MEETING THE DESIGN INTENT. SUBSTITUTIONS WILL BE CONSIDERED WHEN SUBMITTED IN COMPLIANCE WITH SECTION 01 62 00 – PRODUCT OPTIONS.

MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER INFO			SIZE	COMMENTS
			MANUFACTURER	SERIES/STYLE	COLOR/FINISH		
FLOOR FINISH ACCESSORY							
FFA-01	FLOOR TRANSITION	09 68 00	Johnsonite	Slimline Transition	Charcoal		CPT TO RF
FFA-02	FLOOR TRANSITION	09 68 00	Johnsonite	Slimline Transition	Charcoal		CPT TO CPT
FFA-03	FLOOR TRANSITION	09 68 00	Schluter	Reno-U	Satin Nickel Anodized Aluminum		CPT TO T
FFA-04	FLOOR TRANSITION	09 68 00	PEMCO	2727 Series	Aluminum		T TO RF
G-01	GROUT - COLOR A	09 30 13	Mapei	--	Pearl Gray 5019		PORCELAIN FLOOR

SPECIALTY EQUIPMENT							
MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER	SERIES/STYLE	COLOR/FINISH	SIZE	COMMENTS
ATH	Wall Pads	11 66 00	ACI	-	Navy	4'-0" x 8'-0"	Gym Wall Pads

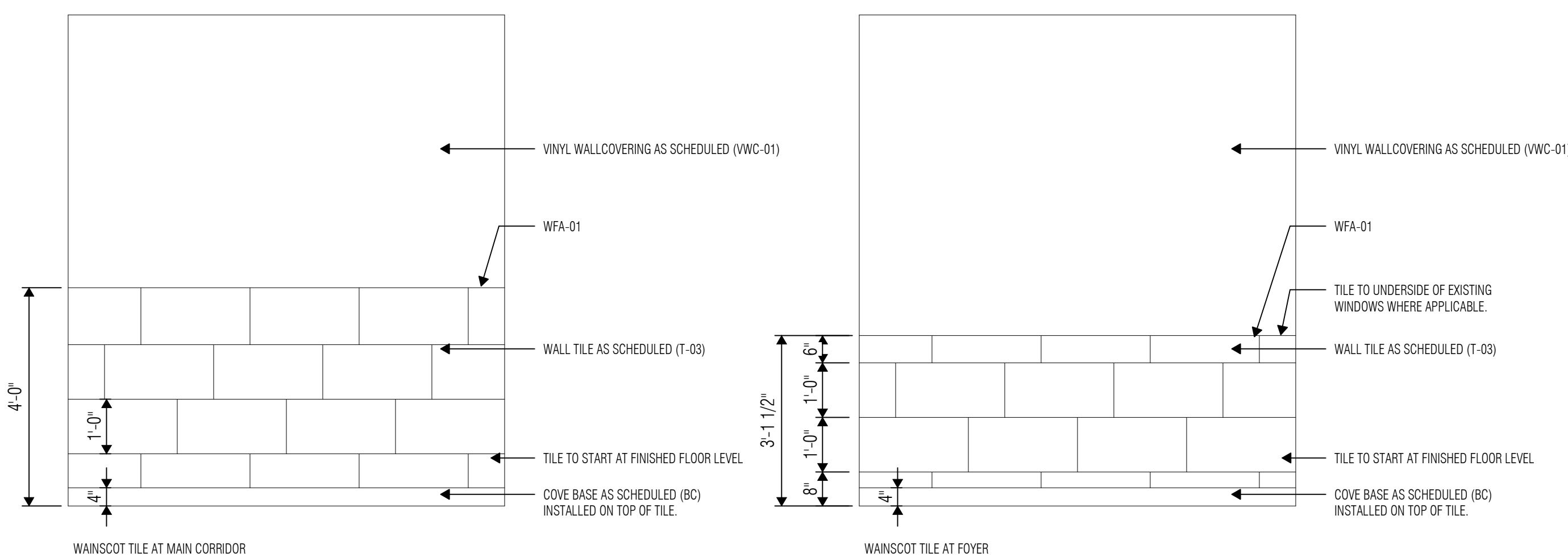
WALL FINISH ACCESSORY							
MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER	SERIES/STYLE	COLOR/FINISH	SIZE	COMMENTS
CG-01	CORNER GUARD	10 26 13	CSI	SM20	Fog		
CG-02	CORNER GUARD	10 26 13	CSI	SM20	Color to be selected by architect.		
G-02	GROUT - COLOR B	09 30 13	Mapei	--	Pearl Gray 5019		WALL TILE
WFA-01	Tile Edge/Corner Trim - Metal	09 30 00	Schluter	Quadec	Satin Nickel Anodized Aluminum	-	TOP & CORNER TRIM

DOOR HARDWARE SCHEDULE

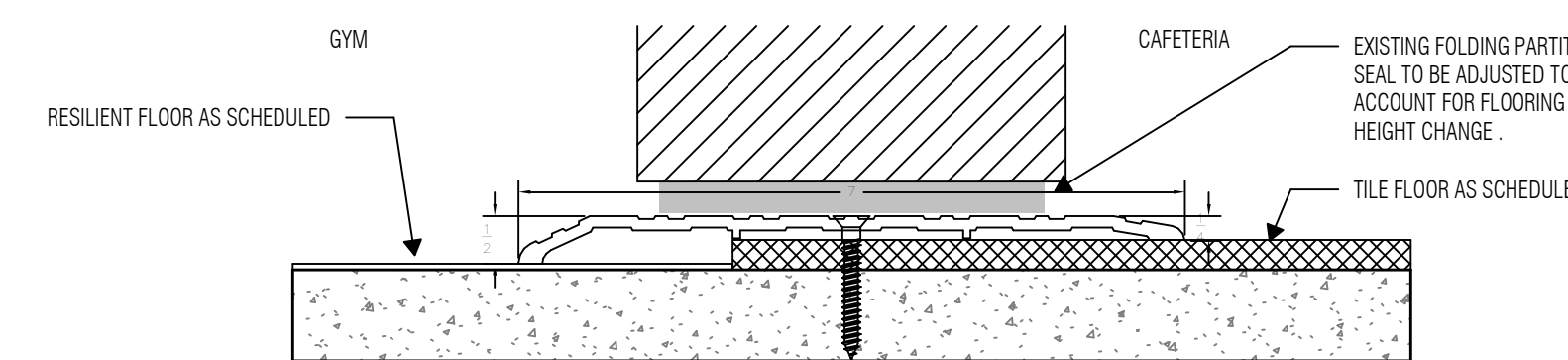
DOOR NUMBER	DOOR TYPE	FRAME TYPE	HDWR SET	REMARKS
UNIT A				
04	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
05	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
06	EX-HM	EX-HM		TWO DOG DOWN CYLINDER REPLACEMENTS + MULLION CYLINDER REPLACEMENT
07	EX-HM	EX-HM		TWO DOG DOWN CYLINDER REPLACEMENTS + MULLION CYLINDER REPLACEMENT
10	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
11	EX-HM	EX-HM		ONE DOG DOWN CYLINDER REPLACEMENT
21	EX	EX		TWO CYLINDER REPLACEMENT IN TWO SWITCHES @ OH COILING DOOR - MATCH DISTRICT MASTER SYSTEM
R01	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT B				
13	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
14	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
15	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
R02	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
R03	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT C				
16	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
18	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
R04	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
R05	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT D				
01	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
22	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT + MULLION CYLINDER REPLACEMENT
R06	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT E				
R12	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)

DOOR SCHEDULE NOTES

- At Doors with a Door Type or Frame Type designation "EX", the door or door frame is existing to remain.
- Refer to Hardware Schedule for additional information regarding hardware.



1 WAINSCOT TILE ALTERNATE
SCALE: 1/2" = 1'-0"



2 TRANSITION DETAIL AT GYM & CAFETERIA
SCALE: 6" = 1'-0"

MATERIAL FINISH SCHEDULE

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MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER INFO				COMMENTS
			MANUFACTURER	SERIES/STYLE	COLOR/FINISH	SIZE	
BASE FINISH							
BC-01	Base, Rubber Cove	09 65 00	Johnsonite	4" Cove	Charcoal	4"	
BC-02	Base, Rubber Cove Black	09 65 00	Johnsonite	4" Cove	Black	4"	
BT	Base, Tile	09 30 00	Daltile	Portfolio	White	6" x 24"	

CEILING FINISH							
MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER	SERIES/STYLE	COLOR/FINISH	SIZE	COMMENTS
ACT-01	Acoustic Ceiling Tile (24X24)	09 51 00	Armstrong	Fine Fissured Humiguard	White	24" x 24"	

FLOOR FINISH							
MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER	SERIES/STYLE	COLOR/FINISH	SIZE	COMMENTS
CPT-01	Carpet - Broadloom Field	09 68 00	Tarkett	Paradigm	Dapple	Roll	
CPT-02	Carpet - Broadloom Accent	09 68 00	Tarkett	Paradigm	Arabian	Roll	
CPT-03	Carpet - Broadloom Walk-Off	09 68 00	Tarkett	Assertive Action	Steelwork	Roll	
CPT-04	Carpet - Broadloom Blue Accent	09 68 00	Tarkett	Plexus Color IV	Ocean Storm	Roll	
RF-01	Resilient Floor - Field	09 65 44	Forbo	Marmoleum Modular	Pluto	20" x 20"	
RF-02	Resilient Floor - Gym	09 65 44	Forbo	Marmoleum MCT	Eiger	13" x 13"	
RF-03	Resilient Floor - Red Striping	09 65 44	Forbo	Marmoleum MCT	Red	--	
RF-04	Resilient Floor - Blue Striping	09 65 44	Forbo	Marmoleum MCT	Blue	--	
T-01	Tile - Porcelain (T-01)	09 30 00	Daltile	Portfolio	White PF02	12" x 24"	
T-02	Tile - Porcelain (T-02)	09 30 00	Daltile	Portfolio	Ash Grey PF05	12" x 24"	
WD	Existing Wood Flooring	09 64 29	TBD	TBD	TBD	--	REFINISH EXISTING WOOD FLOORING.

WALL FINISH							
MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER	SERIES/STYLE	COLOR/FINISH	SIZE	COMMENTS
PT-01	Paint - Field	09 91 00	Sherwin Williams	--	TBD	--	To match WVC-01
PT-02	Paint - Accent 01	09 91 00	Sherwin Williams	--	TBD	--	To match WVC-02
PT-03	Paint - Accent 02	09 91 00	Sherwin Williams	--	TBD	--	Contractor to verify, match existing color.
PT-04	Paint - Accent 03	09 91 00	Sherwin Williams	--	TBD	--	Hollow Metal Door Frames
T-03	Tile - Porcelain	09 30 00	Crossville	Shades 2.0	Frost UPS SHD41	12" x 24"	
WVC-01	Vinyl Wallcovering - Field	09 72 16	Koroseal	Linsey	Linum SE21-09	--	
WVC-02	Vinyl Wallcovering - Accent 01	09 72 16	Koroseal	Desert Sand	Newburyport Blue 5921-73	--	
WVC-03	Vinyl Wallcovering - Accent 02	09 72 16	Koroseal	Linsey	Angora SE21-17	--	



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2025.401

CCISD Priority Repairs - BAUE GILE WEBE



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BAUE - MATERIAL AND DOOR FINISH SCHEDULES

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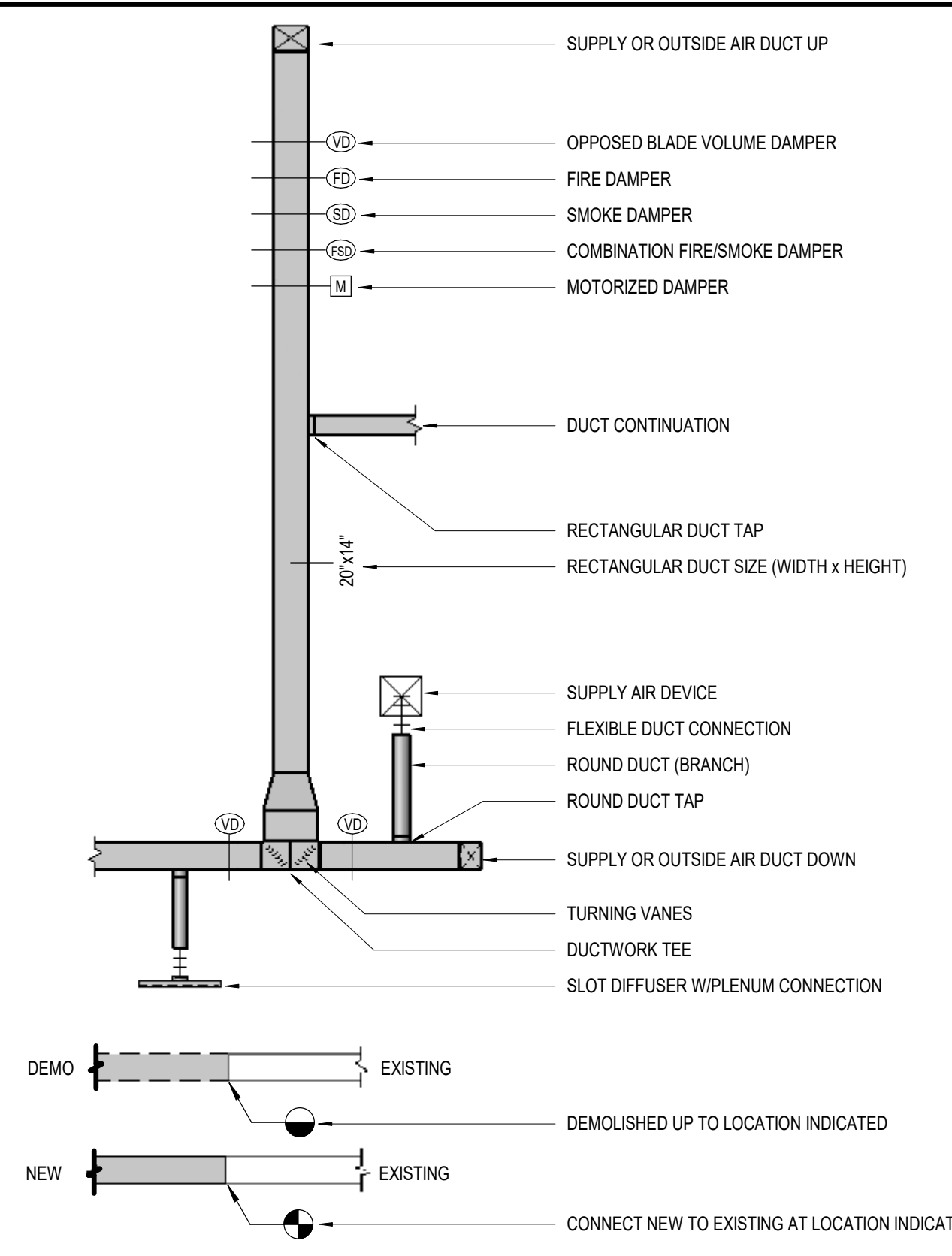
BAUE - MECHANICAL
SYMBOL LEGEND

SHEET NO.

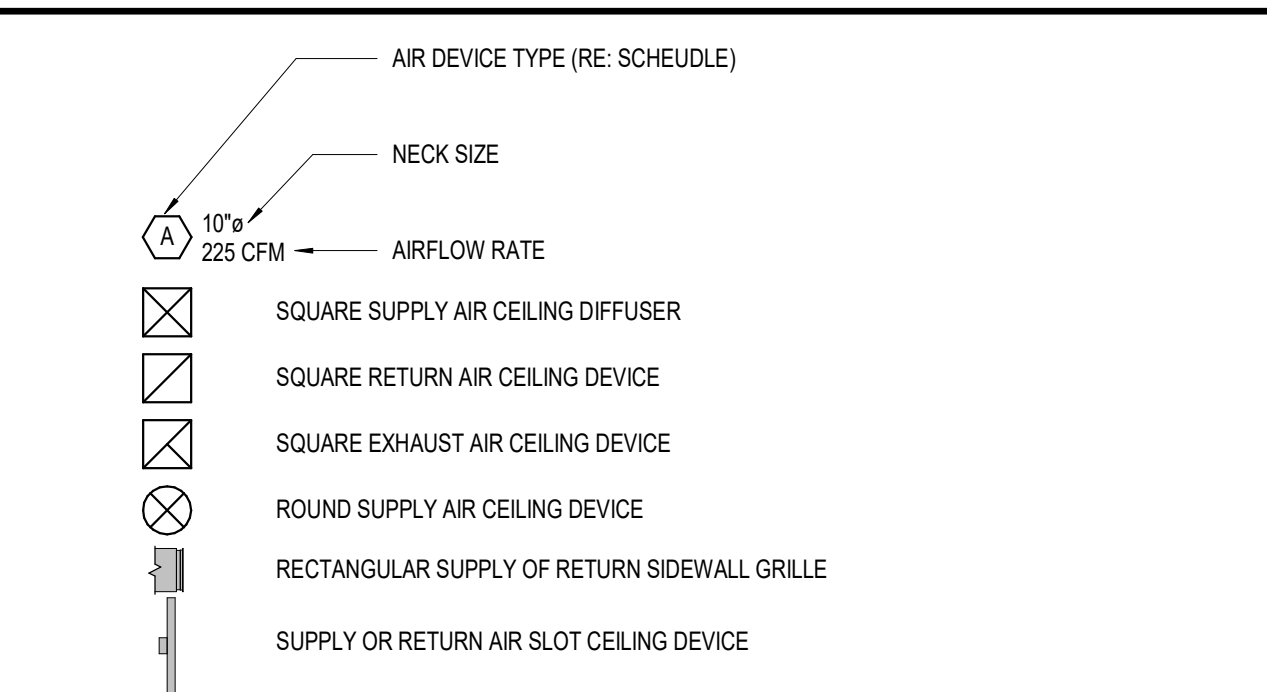
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ABBREVIATIONS	
A	F
ABV AIR (COMPRESSED)	FBO FAHRENHEIT, FIRE FURNISHED BY OTHERS
AC AIR CONDITIONING	FCO FLOOR CLEAN OUT
ACC AIR COOLED CHILLER	FCU FLOOR CONTROL STATION
ACCU AIR COOLED CONDENSING UNIT	FD FLOOR DRAIN, FIRE DAMPER
AD ACCESS DOOR, AREA DRAIN	FDG FIRE DEPARTMENT SIAEMSE CONNECTION
ADJ ADJUSTABLE	FDV FIRE DEPARTMENT VALVE
AF AIR FILTER	FH FIRE HYDRANT
AFC ABOVE FINISHED CEILING	FHC FIRE HOSE CABINET
AFF ABOVE FINISHED FLOOR	FHR FIRE HOSE RACK
AFG ABOVE FINISHED GRADE	FLA FULL LOAD AMPS
AHRI AIR-CONDITIONING, HEATING, AND REFRIGERATION INSTITUTE	FLX FLEXIBLE
AHU AIR HANDLING UNIT	FLR FLOOR
AL ALUMINUM	FPTU FAN POWERED TERMINAL UNIT
AMB AMBIENT	FT FOOT, FEET
AP ACCESS PANEL	FUT FUTURE
APD AIR PRESSURE DROP	
ARCH ARCHITECT, ARCHITECTURAL	G
AS AIR SEPARATOR	G GAS
ASHRAE AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS	GAL GALLON
ASME AMERICAN SOCIETY OF MECHANICAL ENGINEERS	GALV GALVANIZED
ASTM AMERICAN SOCIETY OF TESTING AND MATERIALS	GC GENERAL CONTRACTOR
AV ACID VENT, AIR VENT	GLV GLOBE VALVE
AVG AVERAGE	GRND GROUND
AW ACID WASTE	GPM GALLONS PER MINUTE
AWS AMERICAN WELDING SOCIETY	GV GATE VALVE
AUX AUXILIARY	
	H
	HORIZ HORIZONTAL
	HP HORSEPOWER
	HT HORIZONTAL
	HT HTAT HEIGHT
	HTG HEATING
	HTR HEATER
	HW HOT WATER
	HWP HEATING WATER PUMP
	HWR HOT WATER RETURN
	HWS HOT WATER SUPPLY
	HX HEAT EXCHANGER
	HZ HERTZ
	I
	ID INSIDE DIAMETER
	IE INVERT ELEVATION
	IH INFRARED HEATER
	IN INCH
	INSUL INSULATION
	INT INTERNAL, INTERIOR
	INV INVERT
	INW INDIRECT WASTE
	J
	JB JUNCTION BOX
	JP JOCKET PUMP
	K
	KEC KITCHEN EQUIPMENT CONTRACTOR
	KD KIDDOUIT
	KVA KILOVOLT-AMPS
	KW KILOWATT
	L
	L LENGTH
	LAT LEAVING AIR TEMPERATURE
	LAV LAVATORY
	LF LINEAR FEET
	LP LOW PRESSURE
	LRA LOCKED ROTOR AMPS
	LVL LEVEL
	LWB LEAVING WET BULB
	LWCO LOW WATER CUT OFF
	LWT LEAVING WATER TEMPERATURE
	M
	MAT MIXED AIR TEMPERATURE
	MAX MAXIMUM
	MBTUH THOUSAND OF BTUS
	MCC MECHANICAL CONTRACTOR
	MECH MECHANICAL
	MFR MANUFACTURER
	MH MANKLE
	MIN MINIMUM
	MP MEDIUM PRESSURE
	MS MOP SINK
	MTD MOUNTED
	MU MAKEUP
	MVD MANUAL VOLUME DAMPER
	MSAH MINI-SPLIT AIR HANDLER
	MSCU MINI-SPLIT CONDENSING UNIT
	N
	N.C. NORMALLY CLOSED
	NFPA NATIONAL FIRE PROTECTION ASSOCIATION
	NIC NOT IN CONTRACT
	N.O. NORMALLY OPEN
	NO. NUMBER
	NTS NOT TO SCALE
	O
	OA OUTSIDE AIR
	OAF OUTSIDE AIR FAN
	OAHU OUTSIDE AIR HANDLING UNIT
	OBD OPPOSED BLADE DAMPER
	OC ON CENTER
	OD OUTSIDE DIAMETER, OVERFLOW DRAIN
	OFU OUTSIDE AIR FAN COIL UNIT
	OPD OPENING
	OSAY OPEN STEM AND YOLK
	P
	PG PRESSURE GAUGE
	PP POLYPROPYLENE
	PPM PART PER MILLION
	PRI PRIMARY
	PRS PRESSURE REDUCING STATION
	PRV PRESSURE REDUCING VALVE
	PSF POUNDS PER SQUARE FOOT
	PSI POUNDS PER SQUARE INCH
	PSIG POUNDS PER SQUARE INCH GAUGE
	PV PLUG VALVE
	PVC POLYVINYL CHLORIDE
	Q
	QTY QUANTITY
	R
	RA RETURN AIR
	RAD REFRIGERATED AIR DRYER
	RAF RETURN AIR FAN
	RAG RETURN AIR GRILLE
	RAT RETURN AIR TEMPERATURE
	RCP REFLECTED CEILING PLAN
	RD ROOF DRAIN
	RE REFERENCE, REFER
	RED REDUCER
	REFR REFRIGERATOR
	REG REGISTER
	RENF REINFORCING
	RFOD REVISION, REVISE
	RH RELATIVE HUMIDITY
	RHG REFRIGERANT HOT GAS
	RL REFRIGERANT LIQUID
	RLA RUNNING LOAD AMPS
	RM ROOM
	RPM REVOLUTIONS PER MINUTE
	RS REFRIGERANT SUCTION
	RTU ROOFTOP UNIT
	RV RELIEF VALVE
	S
	SA SUPPLY AIR
	SAF SUPPLY AIR FAN
	SAG SUPPLY AIR GRILLE
	SAN SANITARY SEWER
	SAR SUPPLY AIR REGISTER
	SC STEAM CONDENSATE
	SCHED SCHEDULE
	SD STORM DRAIN
	SEC SECONDARY
	SECT SECTION
	SENS SENSIBLE
	SF SQUARE FEET
	SFCS SPRINKLER FLOOR CONTROL STATION
	SH SHEET
	SHT SIMILAR
	SK SINK
	SM SHEETMETAL
	SP STATIC PRESSURE, SLUMP PUMP
	SPEC SPECIFICATION
	SPR SPRINKLER
	SQ SQUARE
	SS SERVICE SINK
	SSSC SOLID STATE SPEED CONTROL STANDARD
	STD STEEL
	STM STEAM
	STR STRAINER
	SURF SURFACE
	SUSP SUSPEND
	SVP SANITARY VENT
	SW SOFT WATER
	T
	TC TEMPERATURE CONTROL
	TCC TEMPERATURE CORNEAL COMPRESSOR
	TD TRENCH DRAIN
	TDH TOTAL DYNAMIC HEAD
	TF TRANSFER FAN
	TH BLK THRUST BLOCK
	THERM THERMIST
	TMV THERMOSTATIC MIXING VALVE
	TP TRAP PRIMER
	TRD TRAP PRIMER DEVICE
	TSP TOTAL STATIC PRESSURE
	TSTAT THERMOSTAT
	TW TEMPERED HOT WATER
	TYP TYPICAL
	U
	U URINAL
	UCD UNDER CUT DOOR
	UG UNDERGROUND
	UH UNIT HEATER
	UL UNDERWRITERS LABORATORIES, INC
	UNO UNLESS NOTED OTHERWISE
	UF UNDERFLOOR
	US UNDERSLAB
	V
	V VOLT
	VA VOLT-AMPERE
	VAC VACUUM
	VAV VARIABLE AIR VOLUME
	VB VALVE BOX, VACUUM BREAKER
	VD VOLUME DAMPER
	VEL VELOCITY
	VERT VERTICAL
	VFD VARIABLE FREQUENCY DRIVE
	VB VALVE IN BOX
	VOV VALVE ON VERTICAL
	VP VACUUM PUMP
	VR VARIABLE AIR VOLUME REHEAT
	VTR VENT THRU ROOF
	W
	W WATT, WIDTH
	WI WITH
	WO WITHOUT
	WB WET BULB
	WC WATER CLOSET
	WCO WALL CLEAN OUT
	WH WALL HYDRANT
	WM WATER METER
	WP WEATHERPROOF
	WPD WATER PRESSURE DROP
	WWF WELDED WIRE FABRIC
	Y
	Y YARD HYDRANT
	Z
	Z ZONE

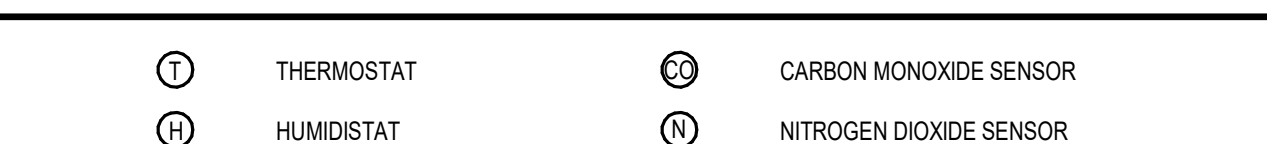
DUCTWORK



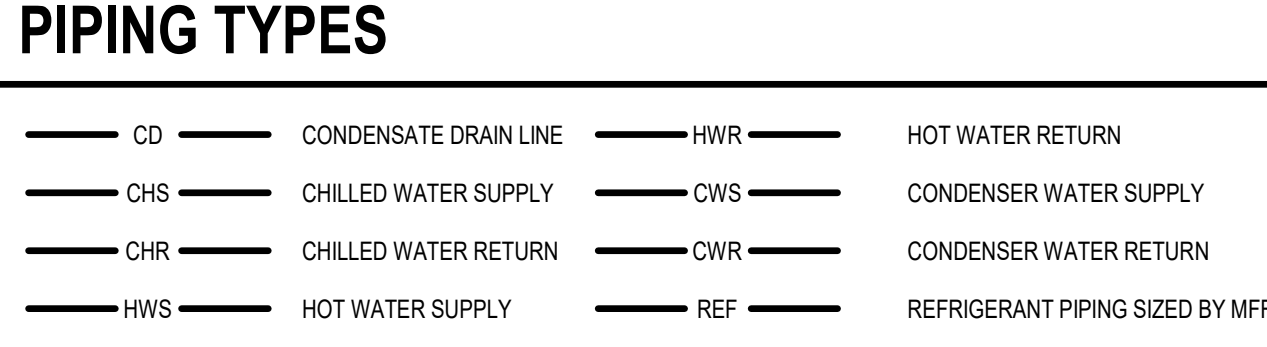
AIR DEVICE TYPES



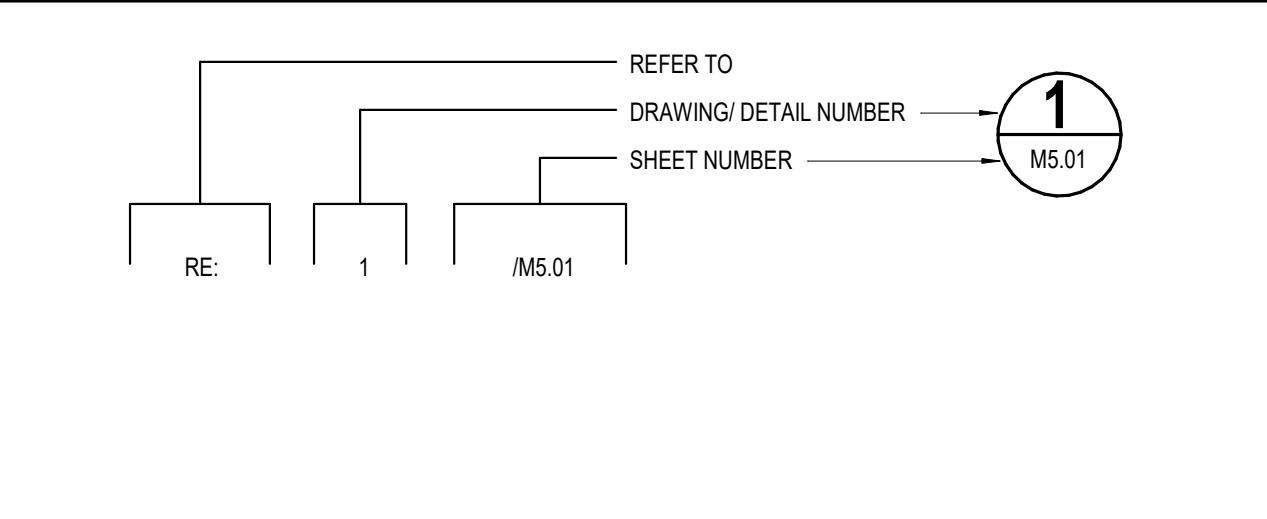
WALL MOUNTED SENSOR TYPES



PIPING TYPES



DRAWING/DETAIL REFERENCE KEY



MECHANICAL GENERAL NOTES

- PIPING AND DUCTWORK SHOWN ON PLANS ARE SCHEMATIC ONLY. COORDINATE WITH OTHER TRADES FOR PIPING AND DUCTWORK ROUTING, OFFSET AND RUN PIPING DUCTWORK INSIDE THE STRUCTURE IF REQUIRED. PROVIDE ALL NECESSARY PIPING, DUCTWORK, FITTINGS, INSULATION, AND OTHER ACCESSORIES IN ORDER TO COMPLETE THE INSTALLATIONS.
- EXACT LOCATIONS OF EQUIPMENT, GRILLES, AND DAMPERS SHALL BE FIELD COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS AND ALLOW ADEQUATE CLEARANCES.
- EQUIPMENT SIZES, DIMENSIONS, AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE MANUFACTURER DRAWINGS AND CUTSHEETS BEFORE FABRICATING OF DUCTWORK, PIPING, OR POURING OF CONCRETE HOUSEKEEPING PADS.
- SHEET METAL INLET DUCTS TO VAV TERMINAL UNITS SHALL BE SAME SIZE AS THE BOX INLET SIZE. PROVIDE RIGID ROUND DUCT THAT IS ONE SIZE LARGER THAN THE INLET BOX SIZE IF THE DISTANCE BETWEEN THE MAIN DUCT AND THE VAV BOX IS MORE THAN 6'-0".
- PROVIDE CONICAL SPIN-IN CONNECTOR FOR ALL ROUND DUCT CONNECTIONS TO VAV TERMINAL UNITS.
- INSTALL EQUIPMENT TO ENSURE ACCESS PANELS ARE NOT BLOCKED. ACCESS FOR SERVICE MUST BE PROVIDED.
- MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
- PROVIDE RECTANGULAR BRANCH DUCT TAP FOR ALL RECTANGULAR DUCT CONNECTIONS TO RECTANGULAR DUCT TRUNKS.
- ALL DUCTWORK AND ASSOCIATED ACCESSORIES SHALL BE CONSTRUCTED TO MEET THE LATEST SMACNA STANDARDS FOR HVAC DUCT CONSTRUCTION.
- ALL OUTSIDE AIR, SUPPLY AIR, AND RETURN AIR DUCTWORK AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION WHERE LOCATED IN UNCONDITIONED SPACES AND SHALL BE INSULATED WITH A MINIMUM OF R-8 INSULATION WHERE LOCATED OUTSIDE THE BUILDING. REFER TO SPECIFICATION 23 07 13 DUCT INSULATION FOR FURTHER INFORMATION AND ADDITIONAL REQUIREMENTS.
- ALL DUCTWORK SHALL BE CONSTRUCTED TO SEAL CLASS 'A' AS REFERENCED IN SMACNA STANDARDS. ALL NON-WELDED JOINTS AND SEAMS SHALL BE SEALED. THIS INCLUDES BUT IS NOT LIMITED TO TRANSVERSE JOINTS, LONGITUDINAL SEAMS, DUCT WALL PENETRATIONS, SPIN-IN TAPS, AND OTHER BRANCH CONNECTIONS. ACCESS DOORS, ACCESS PANELS AND DUCT CONNECTIONS TO EQUIPMENT. OPENINGS FOR ROTATING SHAFTS SHALL ALSO BE SEALED WITH BUSHINGS. REFER TO SPECIFICATION 23 31 13 METAL DUCTWORK FOR FURTHER INFORMATION.
- MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ACTUAL INSTALLATION OF TEMPERATURE SENSORS AND HUMIDITY SENSORS.
- PROVIDE REMOTE SPIN-IN DAMPER OPERATOR FOR SPIN-IN CONNECTIONS AND VOLUME DAMPERS LOCATED OVER GYPSUM CEILINGS.
- PROVIDE AIRFLOW TYPE TURNING VANES IN ALL 90 DEGREE ELBOWS.
- PROVIDE INSULATED ACCESS DOORS FOR DUCTWORK DOWNSTREAM OF AIR HANDLING UNITS AT EVERY 20'-0" TO FACILITATE DUCT CLEANING. PROVIDE ACCESS DOORS WITHIN 5'-0" OF EACH ELBOW.
- COORDINATE LOCATIONS OF FLOOR AND WALL OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.
- ALL CEILING MOUNTED AND WALL MOUNTED AIR DEVICE FINISHES SHALL MATCH ADJACENT ARCHITECTURAL SURFACE. CONTRACTOR SHALL COORDINATE COLOR WITH ARCHITECT.
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL OUTSIDE AIR INTAKES TO MAINTAIN 15 FEET DISTANCE BETWEEN OUTSIDE AIR INTAKES AND ANY EXHAUST AIR OUTLET, FLUES OR PLUMBING VENTS.
- ALL KITCHEN GREASE EXHAUST DUCTWORK SHALL BE CONTINUOUSLY WELDED 16 GA CARBON STEEL. ALL GREASE EXHAUST DUCTS SHALL BE WRAPPED WITH 3M 2 HR. FIRE RATED WRAP OR INSTALLED WITHIN A FIRE RATED ENCLOSURE.

ROOF MOUNTED EQUIPMENT ANCHORAGE REQUIREMENTS

- ALL ROOF MOUNTED EQUIPMENT CURBS, ROOF MOUNTED EQUIPMENT TIE DOWNS, AND CONNECTIONS OF ALL EQUIPMENT TO BUILDING STRUCTURE FOR WIND LOADING ARE TO BE DESIGNED AND ENGINEERED BY A REGISTERED SPECIALTY ENGINEER RETAINED BY THE CONTRACTOR. DESIGN CRITERIA FOR WIND LOADING SHALL BE AS INDICATED IN THE CONSTRUCTION DOCUMENTS AND PER LOCAL CODES FOR THE PROJECT LOCATION AND BUILDING CATEGORY. SIGNED AND SEALED DRAWINGS AND CALCULATIONS ARE TO BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL. THE SUBMITTAL SHALL INCLUDE ATTACHMENT DETAILS OF THE EQUIPMENT TO THE STRUCTURE WITH DESIGN LOADS, LOCATIONS, AND METHODS OF ATTACHMENT. THE CONTRACTOR SHALL ALSO SUBMIT THE INFORMATION TO THE STRUCTURAL ENGINEER TO COORDINATE THE DESIGN OF THE PRIMARY STRUCTURAL FRAME WITH THE FINAL LOADS AND ATTACHMENTS SUBMITTED.

CONTROLS SCHEMATIC SYMBOLS LEGEND

AI ANALOG INPUT	FS FLOW SWITCH
AO ANALOG OUTPUT	DAT DISCHARGE AIR TEMPERATURE SENSOR
DBI DIGITAL/BINARY INPUT	S WALL SENSOR
DOB DIGITAL/BINARY OUTPUT	T THERMOSTAT
MD ON-OFF MOTORIZED DAMPER	CO2 CARBON DIOXIDE SENSOR
MMD MODULATING TYPE MOTORIZED DAMPER	SP SET POINT
AFMS AIR FLOW MEASURING STATION	SIA SUPPLY AIR
MCV CONTROL VALVE MODULATING TYPE	RIA RETURN AIR
VFD VARIABLE FREQUENCY DRIVE	OIA OUTSIDE AIR
CSR CURRENT SENSING RELAY	HC HEATING COIL
FRZ FREEZESTAT	CC COOLING COIL
HSL HIGH STATIC LIMIT	DX DIRECT EXPANSION COOLING COIL
SPT STATIC PRESSURE TRANSMITTER	PICCV PRESSURE INDEPENDENT CHARACTERIZED CONTROL VALVE
DPT DIFFERENTIAL PRESSURE TRANSDUCER	AFC AIRFLOW CROSS
FM FLOW METER	DPS DIFFERENTIAL PRESSURE SWITCH



MECHANICAL KEYED NOTES

M0.8 REMOVE EXISTING "VENT-A-KIN" EXHAUST HOOD AND FAN ASSEMBLY.



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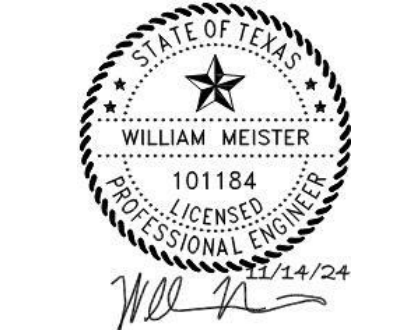
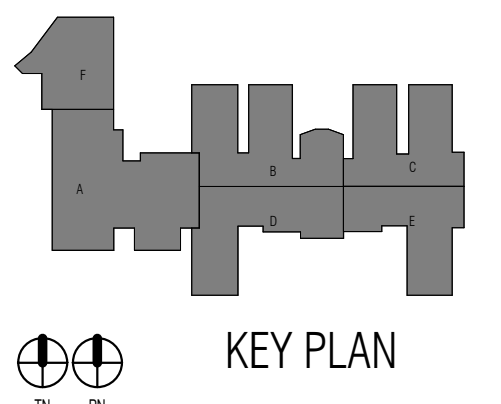
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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - DEMO COMPOSITE MECHANICAL PLAN

SHEET NO.

M12.01

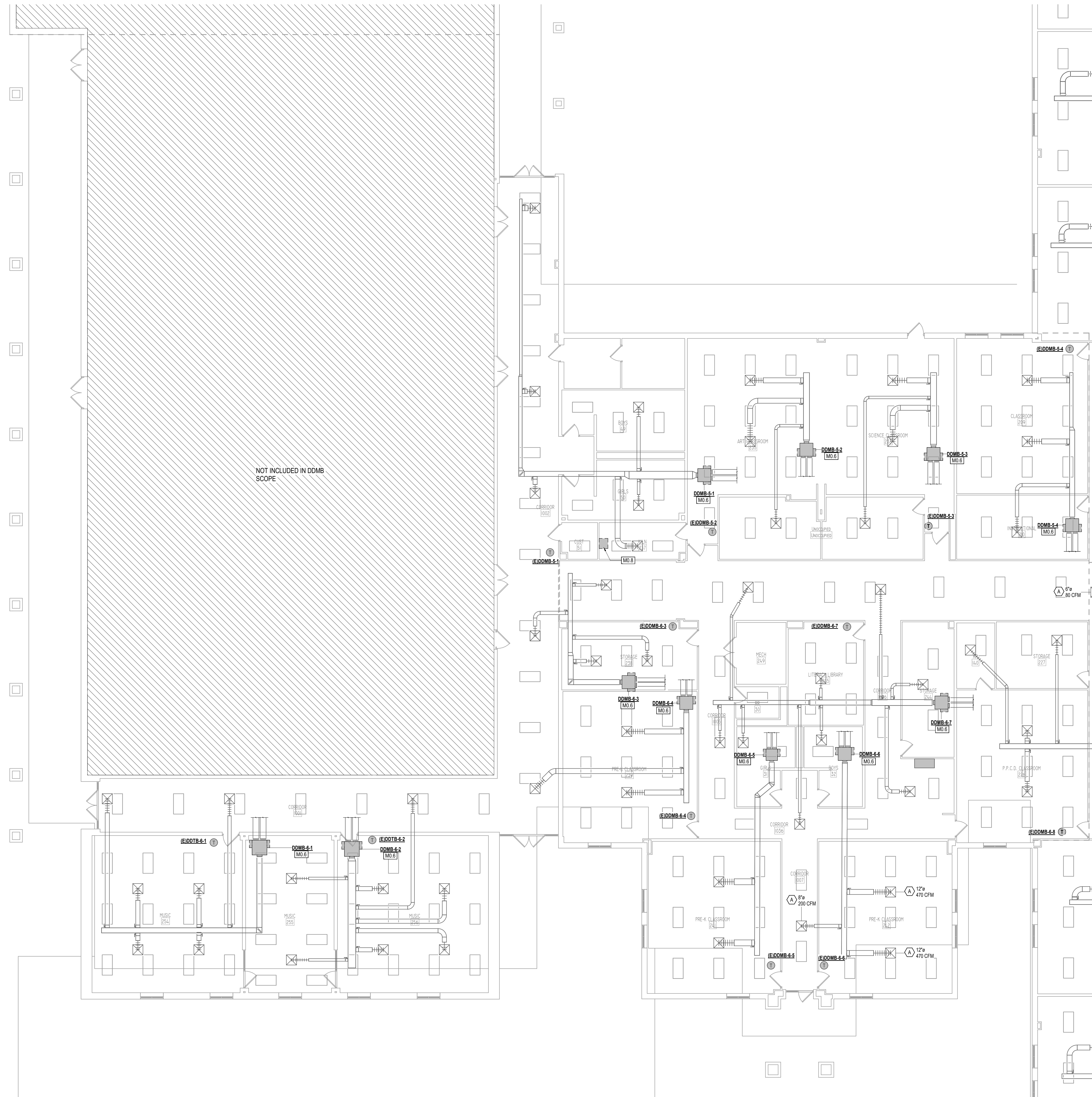
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NOT INCLUDED IN DMB SCOPE

1 DEMO COMPOSITE MECHANICAL PLAN - LEVEL ONE
M12.01 1" = 20'-0"





MECHANICAL KEYED NOTES

- MO.6 REMOVE EXISTING DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. ALL ASSOCIATED DUCT CONNECTIONS AND ELECTRICAL COMPONENTS THAT WILL NOT BE REUSED SHALL BE REMOVED. COORDINATE DEMOLITION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF DEMOLITION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.
- MO.8 REMOVE EXISTING "VENT-A-KIN" EXHAUST HOOD AND FAN ASSEMBLY.

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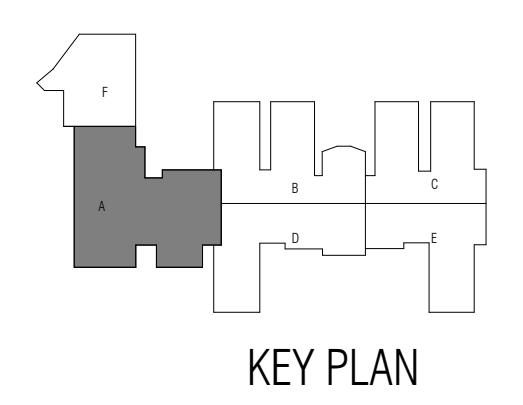


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 Designer: DBR
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24-045.00

SHEET TITLE

BAUE - DEMO PLAN - UNIT A

SHEET NO.

M12.01A



1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT A
 1/8" = 1'-0"

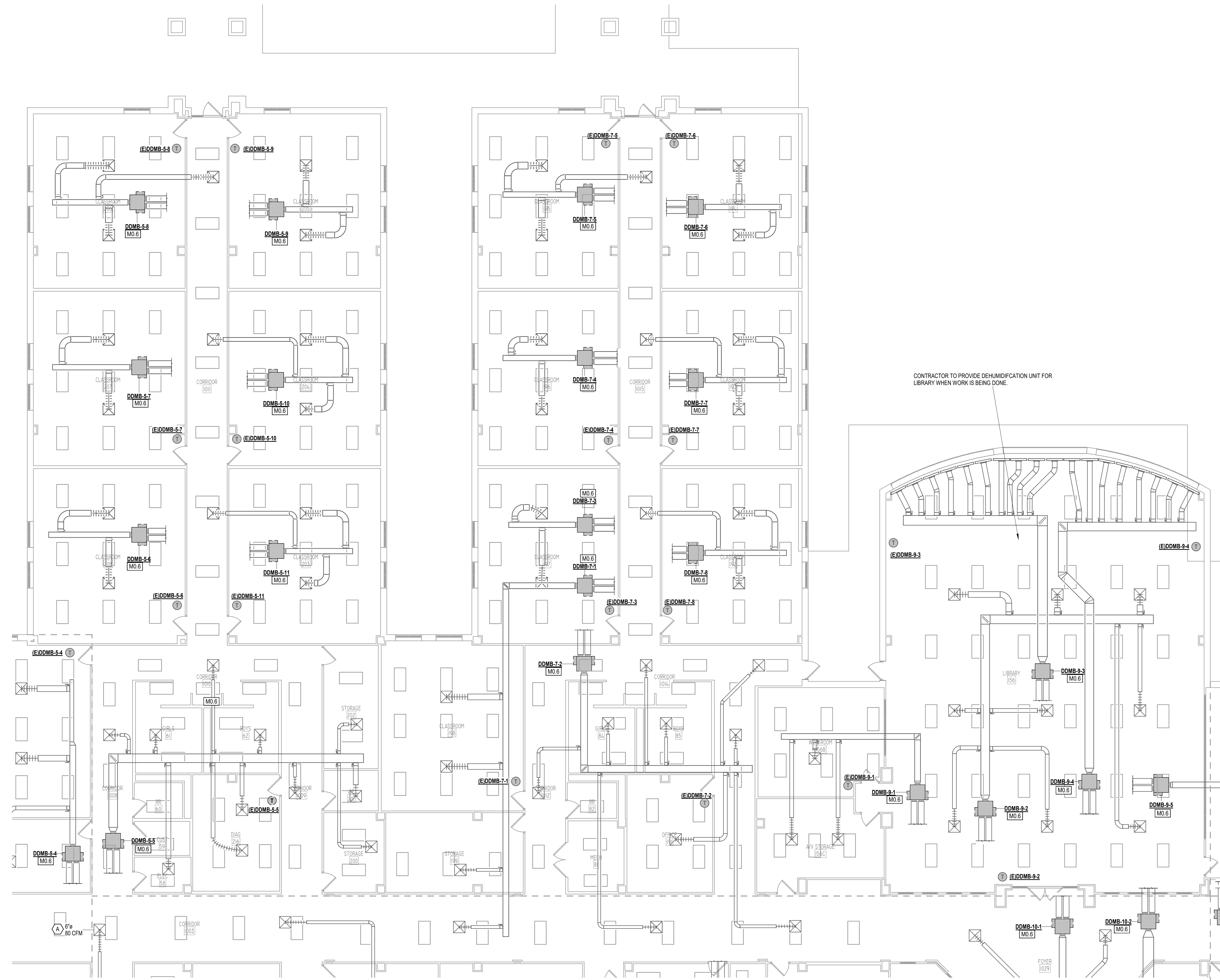
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MECHANICAL KEYED NOTES

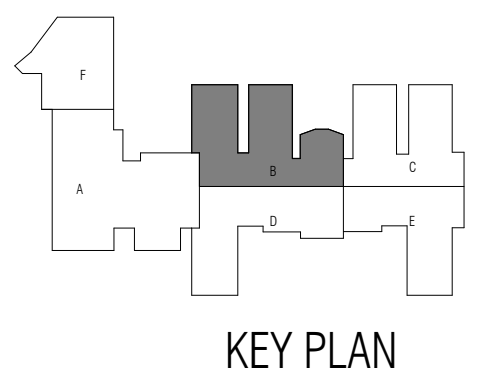
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CONTRACTOR TO PROVIDE DEHUMIDIFICATION UNIT FOR LIBRARY WHEN WORK IS BEING DONE.



1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT B
M12.01B 1/8" = 1'-0"



ISSUED: 11/14/2024

REVISIONS

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Director
Approver
Designer
Proj. Arch.
DBR

Drawn By
DBR
Quality Control
Designer

PROJECT NO.
24-045.00

SHEET TITLE

BAUE - DEMO PLAN - UNIT B

SHEET NO.

M12.01B

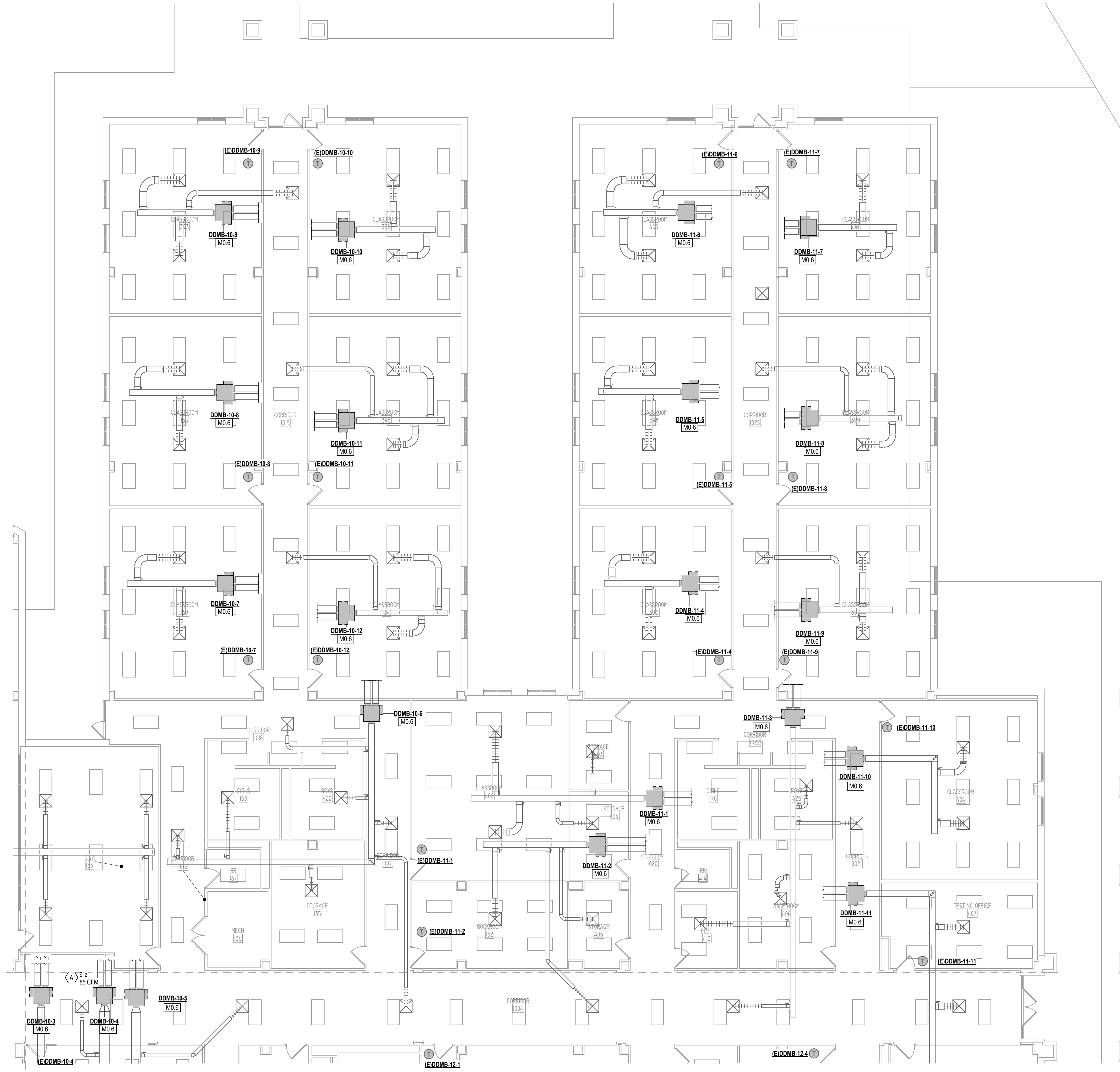


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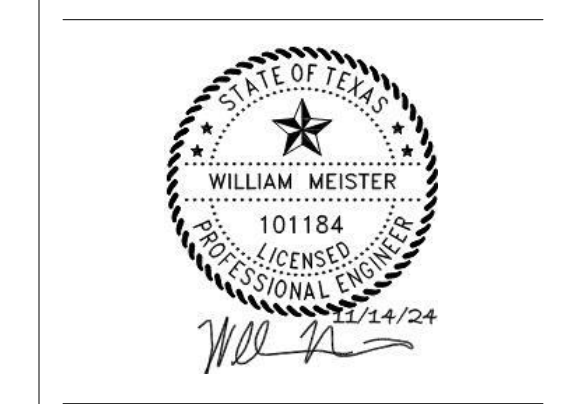
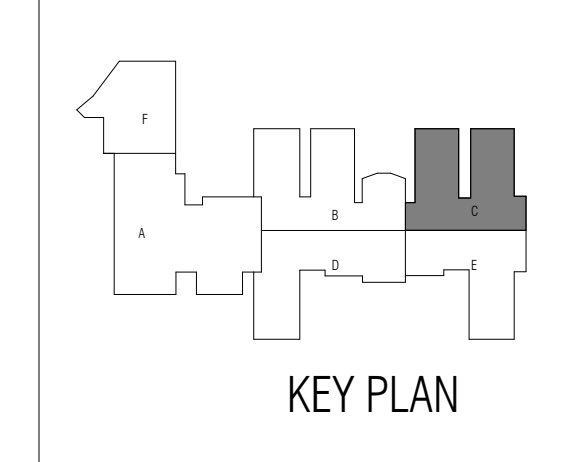
1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT C
M12.01C 1/8" = 1'-0"



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Designer Quality Control
Designer
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DBR

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SHEET TITLE

BAUE - DEMO PLAN - UNIT C

SHEET NO.

M12.01C



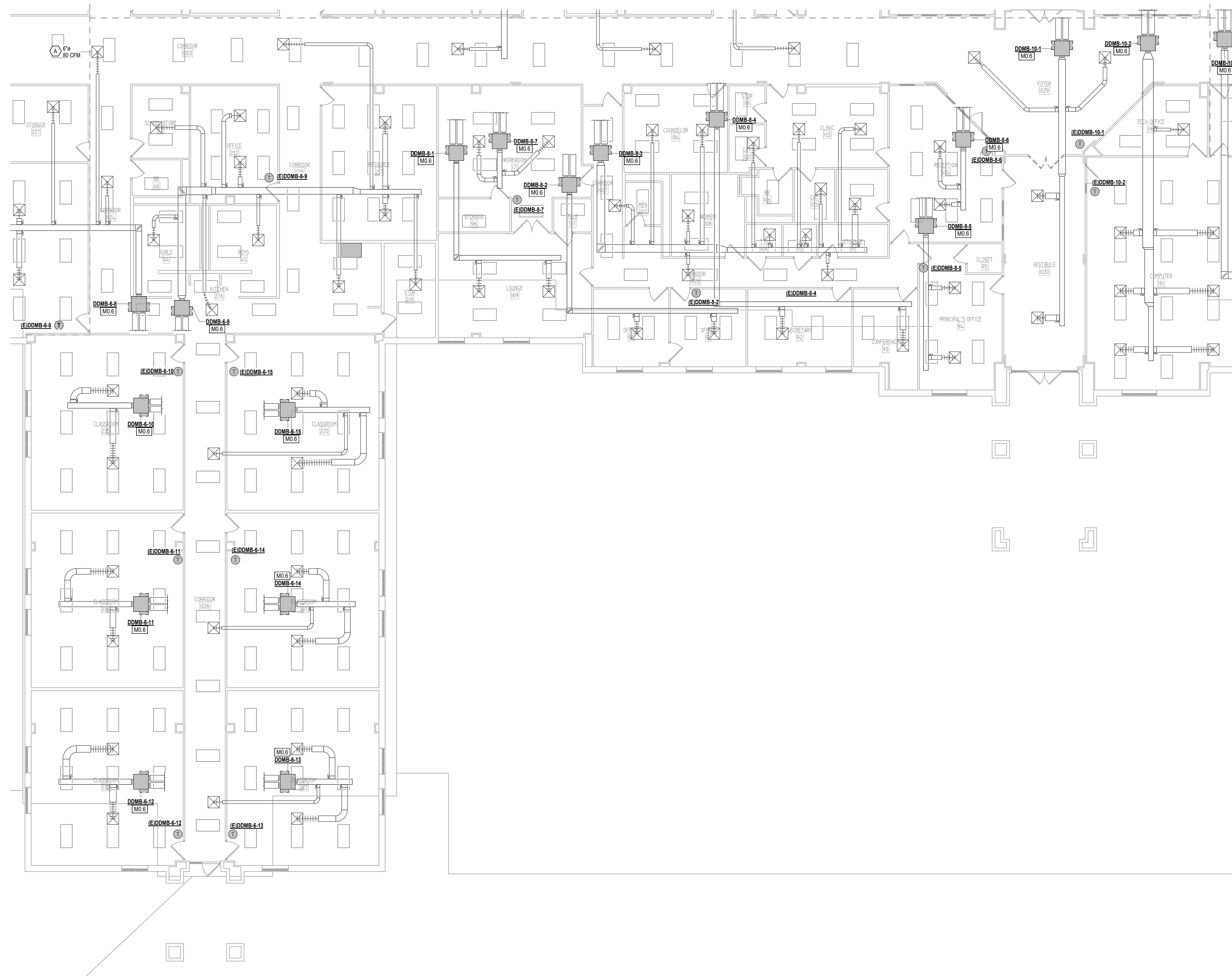
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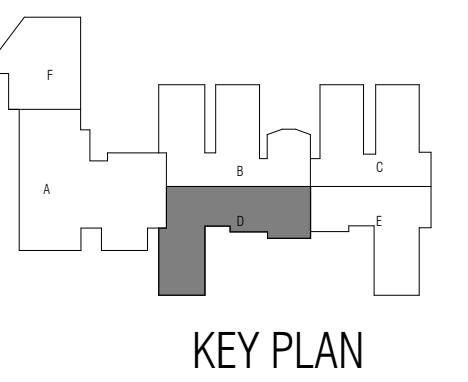


1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT D
1/8" = 1'-0"

CCISD PROJECT NO:
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2025.401

CCISD Priority Repairs - BAUE GILE WEBE



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SHEET TITLE

BAUE - DEMO PLAN - UNIT D

SHEET NO.

M12.01D



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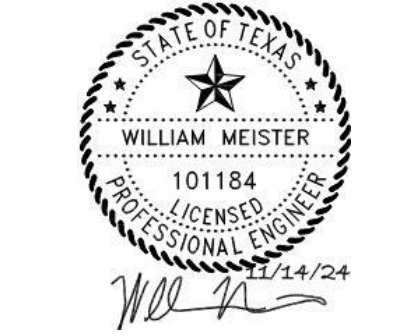
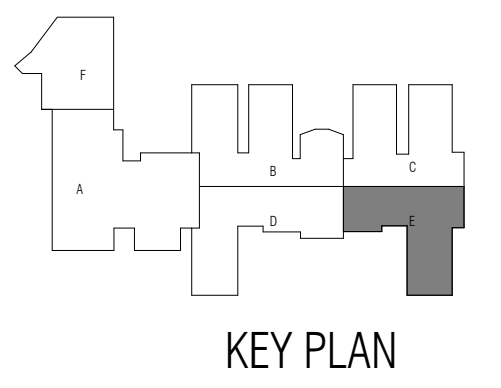
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CCISD PROJECT NO:
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SHEET TITLE

BAUE - DEMO PLAN - UNIT E

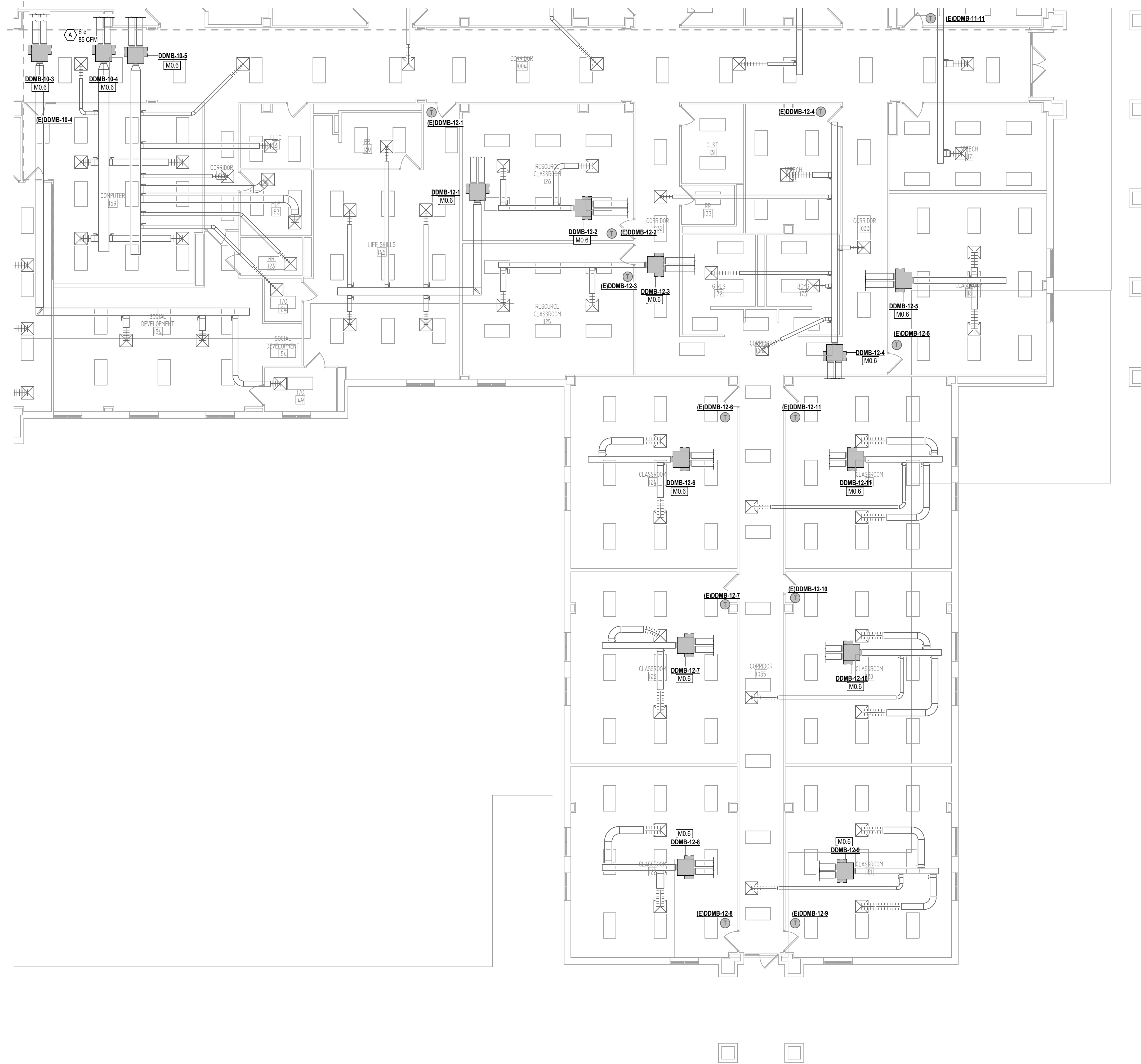
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M12.01E

MECHANICAL KEYED NOTES

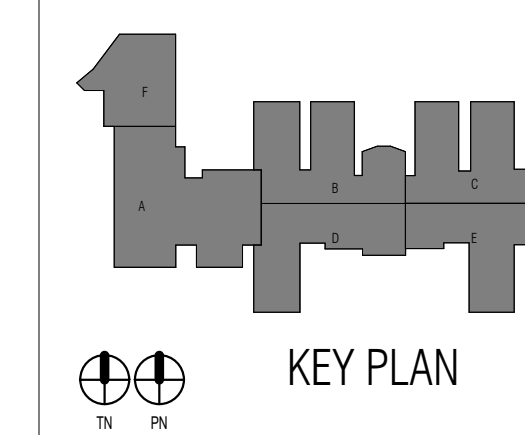
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1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT E
 M12.01E 1/8" = 1'-0"





ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
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 Designer Quality Control
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PROJECT NO.
24-045.00

SHEET TITLE

BAUE - COMPOSITE
MECHANICAL PLAN

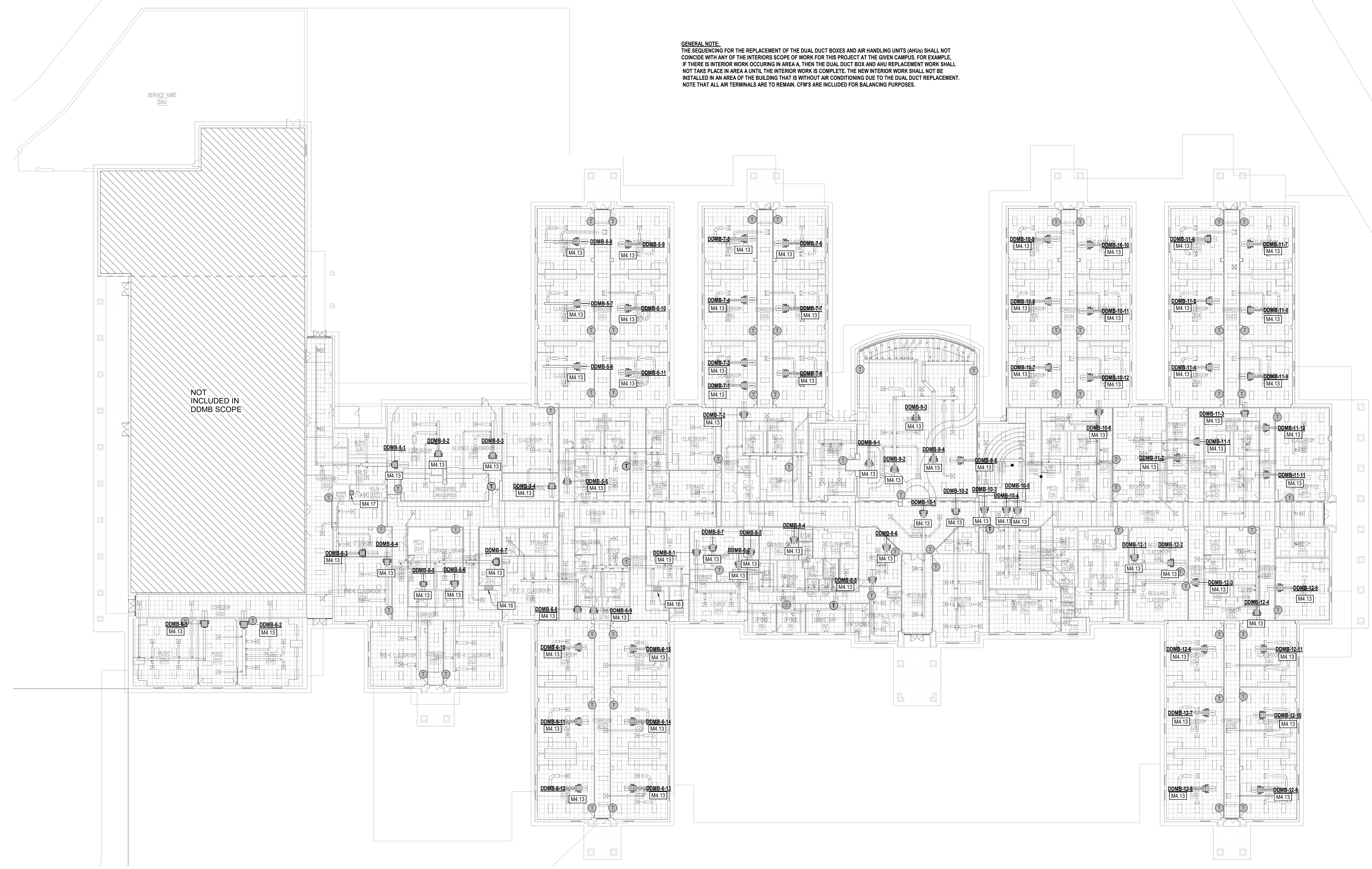
SHEET NO.

M12.11

MECHANICAL KEYED NOTES

- M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATION SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 01M16.00.
- M4.16 INSTALL NEW GUARDIAN III ANSUL SYSTEM WITHIN EXISTING HOOD SYSTEM AT THE APPROXIMATE LOCATION SHOWN. INSTALL HANGERS, SUPPORTS AND CONDUIT AS NECESSARY. COORDINATE INSTALLATION WITH ELECTRICAL AND INTERIOR FINISHES AS SHOWN ON PLANS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.
- M4.17 PROVIDE AND INSTALL "VENT-A-KIN" EXHAUST HOOD AND FAN ASSEMBLY. LOCATE ROUTE IF FLEXIBLE DUCT FROM OUTLET OF HOOD UP TO CEILING. ROUTE PER RIGO JUST BELOW CEILING UP THROUGH ROOF. TERMINATE DUCT ABOVE ROOF MODEL RFC-7. ROOF CAP SHALL BE CONSTRUCTED OF ALUMINUM AND SHALL DUCT SHALL BE ROUTED WITHIN FIRE-RATED ENCLOSURE FROM CEILING PENETRATION TO ROOF PENETRATION. RE: DETAIL 6M16.00

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1 COMPOSITE MECHANICAL PLAN - LEVEL ONE
 M12.11 1" = 20'-0"



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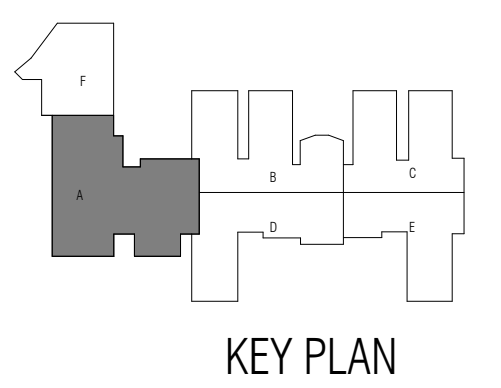
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CCISD PROJECT NO:
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Director Drawn By
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 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

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SHEET TITLE

BAUE - FLOOR PLAN - UNIT A

SHEET NO.

M12.11A

11/14/2024

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TBPE Firm Registration No. 2234

DBR Project # 240244

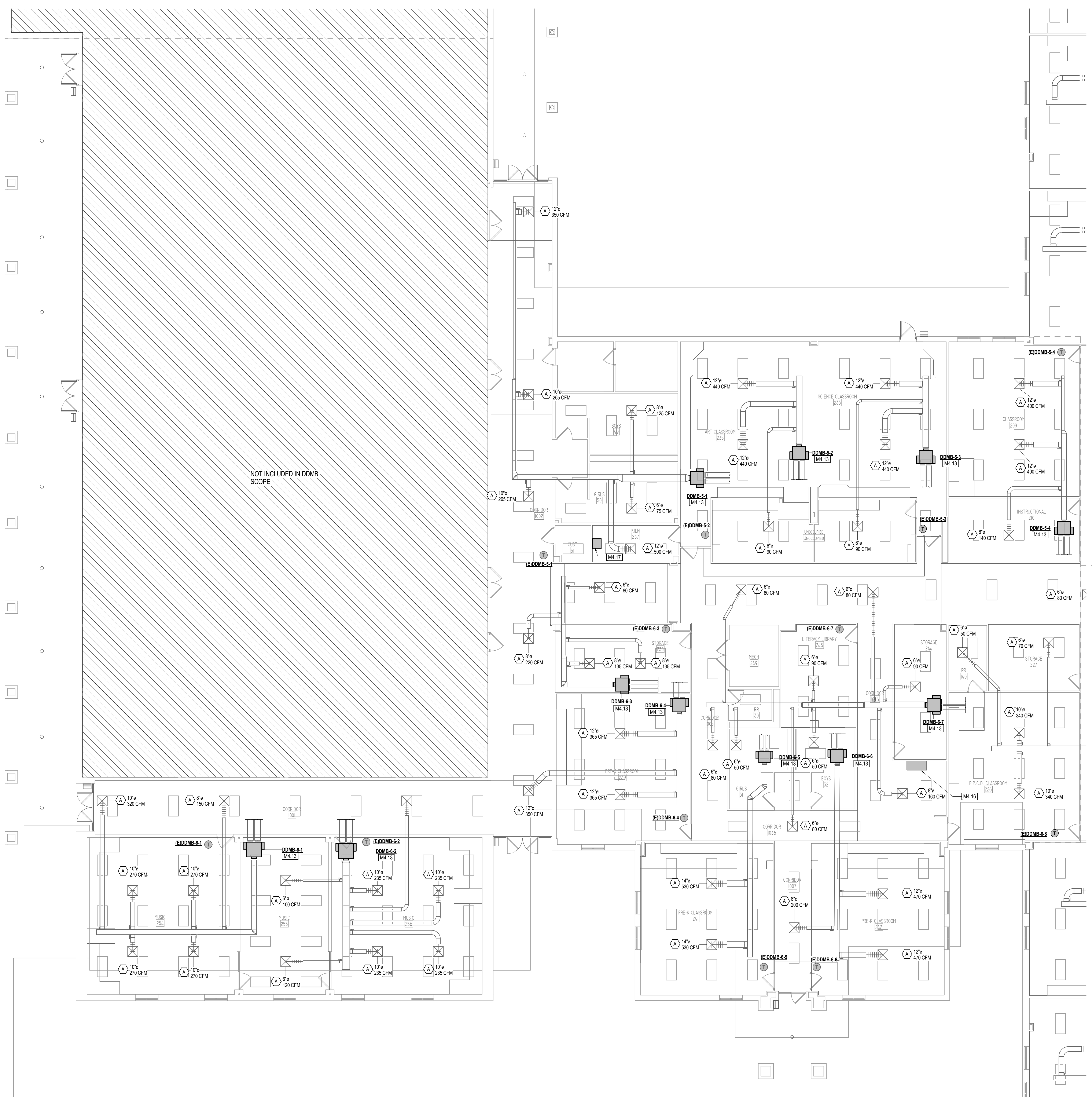
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MECHANICAL KEYED NOTES

- M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATION SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 01/16/10.0.
- M4.16 INSTALL NEW GUARDIAN III ANSUL SYSTEM WITHIN EXISTING HOOD SYSTEM AT THE APPROXIMATE LOCATION SHOWN. INSTALL HANGERS, SUPPORTS AND CONDUIT AS NECESSARY. COORDINATE INSTALLATION WITH ELECTRICAL AND INTERIOR FINISHES AS SHOWN ON PLANS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.
- M4.17 PROVIDE AND INSTALL "VENT-A-KIN" EXHAUST HOOD AND FAN ASSEMBLY. LOCATE ROUTE # FLEXIBLE DUCT FROM OUTLET OF HOOD UP TO CEILING. ROUTE #1 RIGID JUST BELOW CEILING UP THROUGH ROOF. TERMINATE DUCT ABOVE ROOF MODEL RFC-7. ROOF CAP SHALL BE CONSTRUCTED OF ALUMINUM AND SHALL DUCT SHALL BE ROUTED WITHIN FIRE-RATED ENCLOSURE FROM CEILING PENETRATION TO ROOF PENETRATION. RE: DETAIL 6M16/00.

GENERAL NOTE:
 THE SEQUENCING FOR THE REPLACEMENT OF THE DUAL DUCT BOXES AND AIR HANDLING UNITS (AHU) SHALL NOT CONFLICT WITH ANY OF THE INTERIORS SCOPE OF WORK FOR THIS PROJECT AT THE GIVEN CAMPUS. FOR EXAMPLE, IF THERE IS INTERIOR WORK OCCURRING IN AREA A THEN THE DUAL DUCT BOX AND AHU REPLACEMENT WORK SHALL NOT TAKE PLACE IN AREA A UNTIL THE INTERIOR WORK IS COMPLETE. THE NEW INTERIOR WORK SHALL NOT BE INSTALLED IN AN AREA OF THE BUILDING THAT IS WITHOUT AIR CONDITIONING DUE TO THE DUAL DUCT REPLACEMENT. NOTE THAT ALL AIR TERMINALS ARE TO REMAIN. CFM'S ARE INCLUDED FOR BALANCING PURPOSES.



NOT INCLUDED IN DDMB SCOPE

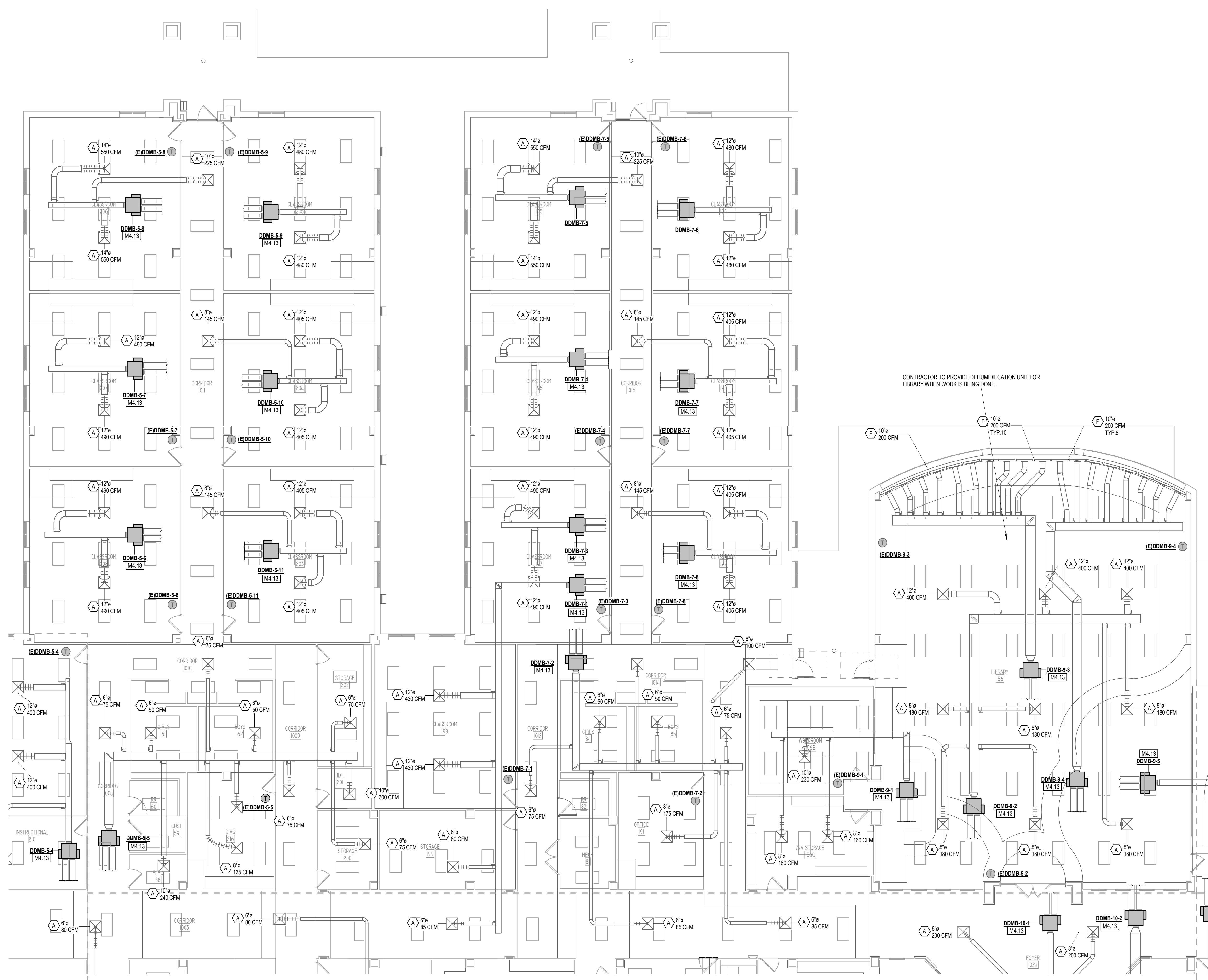
1 MECHANICAL PLAN - LEVEL ONE - UNIT A
 1/8" = 1'-0"



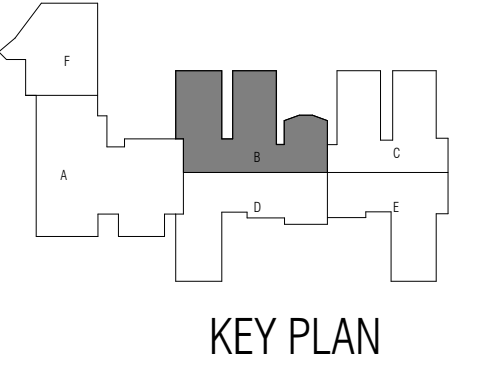
MECHANICAL KEYED NOTES

M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATION SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 01/16/10.

GENERAL NOTE:
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CONTRACTOR TO PROVIDE DEHUMIDIFICATION UNIT FOR LIBRARY WHEN WORK IS BEING DONE.



1 MECHANICAL PLAN - LEVEL ONE - UNIT B
M12.11B 1/8" = 1'-0"



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
DBR

Drawn By
DBR
Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - FLOOR PLAN - UNIT B

SHEET NO.



M12.11B

MECHANICAL KEYED NOTES

M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATION SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 01MM16.00.

GENERAL NOTE:
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M12.11C MECHANICAL PLAN - LEVEL ONE - UNIT C
1/8" = 1'-0"

ARCHITECT

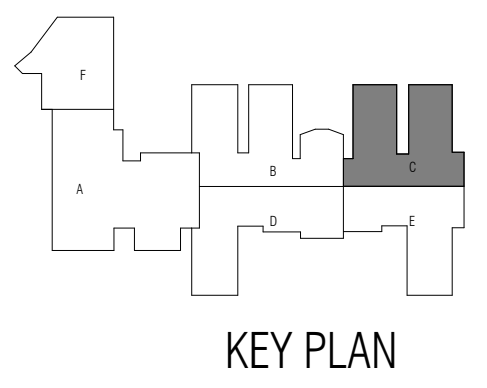
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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
2025.401



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
Approver DBR
Designer Quality Control
Designer
Proj. Arch.
DBR

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - FLOOR PLAN - UNIT C

SHEET NO.

M12.11C



CCISD Priority Repairs - BAUE GILE WEBE

ARCHITECT

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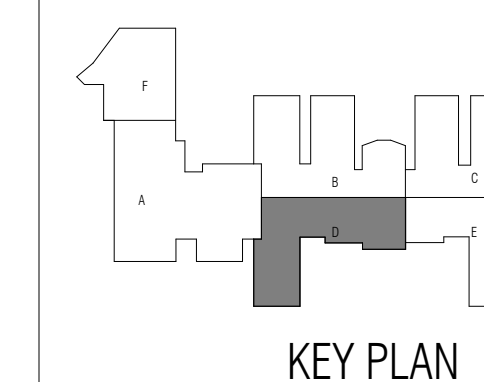
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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Proj. Arch.	DBR

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - FLOOR PLAN - UNIT D

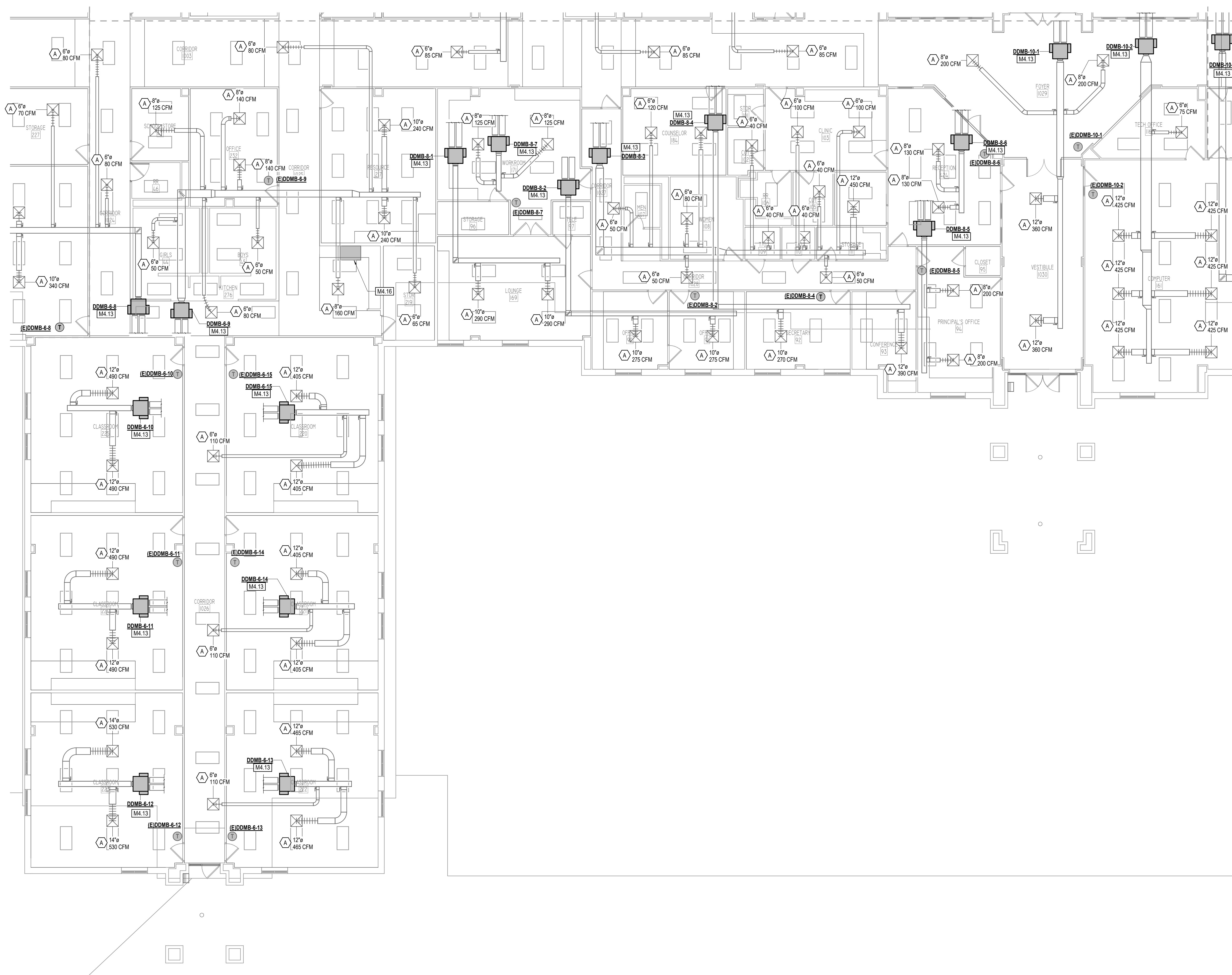
SHEET NO.

M12.11D

MECHANICAL KEYED NOTES

- M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATION SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 01/16/20.
- M4.16 INSTALL NEW GUARDIAN III ANSLU SYSTEM WITHIN EXISTING HOOD SYSTEM AT THE APPROXIMATE LOCATION SHOWN. INSTALL HANGERS, SUPPORTS AND CONDUIT AS NECESSARY. COORDINATE INSTALLATION WITH ELECTRICAL AND INTERIOR FINISHES AS SHOWN ON PLANS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.

GENERAL NOTE:
THE SEQUENCING FOR THE REPLACEMENT OF THE DUAL DUCT BOXES AND AIR HANDLING UNITS (AHU) SHALL NOT COINCIDE WITH ANY OF THE INTERIORS SCOPE OF WORK FOR THIS PROJECT AT THE GIVEN CAMPUS. FOR EXAMPLE, IF THERE IS INTERIOR WORK OCCURRING IN AREA A, THEN THE DUAL DUCT BOX AND AHU REPLACEMENT WORK SHALL NOT TAKE PLACE IN AREA A UNTIL THE INTERIOR WORK IS COMPLETE. THE NEW INTERIOR WORK SHALL NOT BE INSTALLED IN AN AREA OF THE BUILDING THAT IS WITHOUT AIR CONDITIONING DUE TO THE DUAL DUCT REPLACEMENT. NOTE THAT ALL AIR TERMINALS ARE TO REMAIN. CFMS ARE INCLUDED FOR BALANCING PURPOSES.



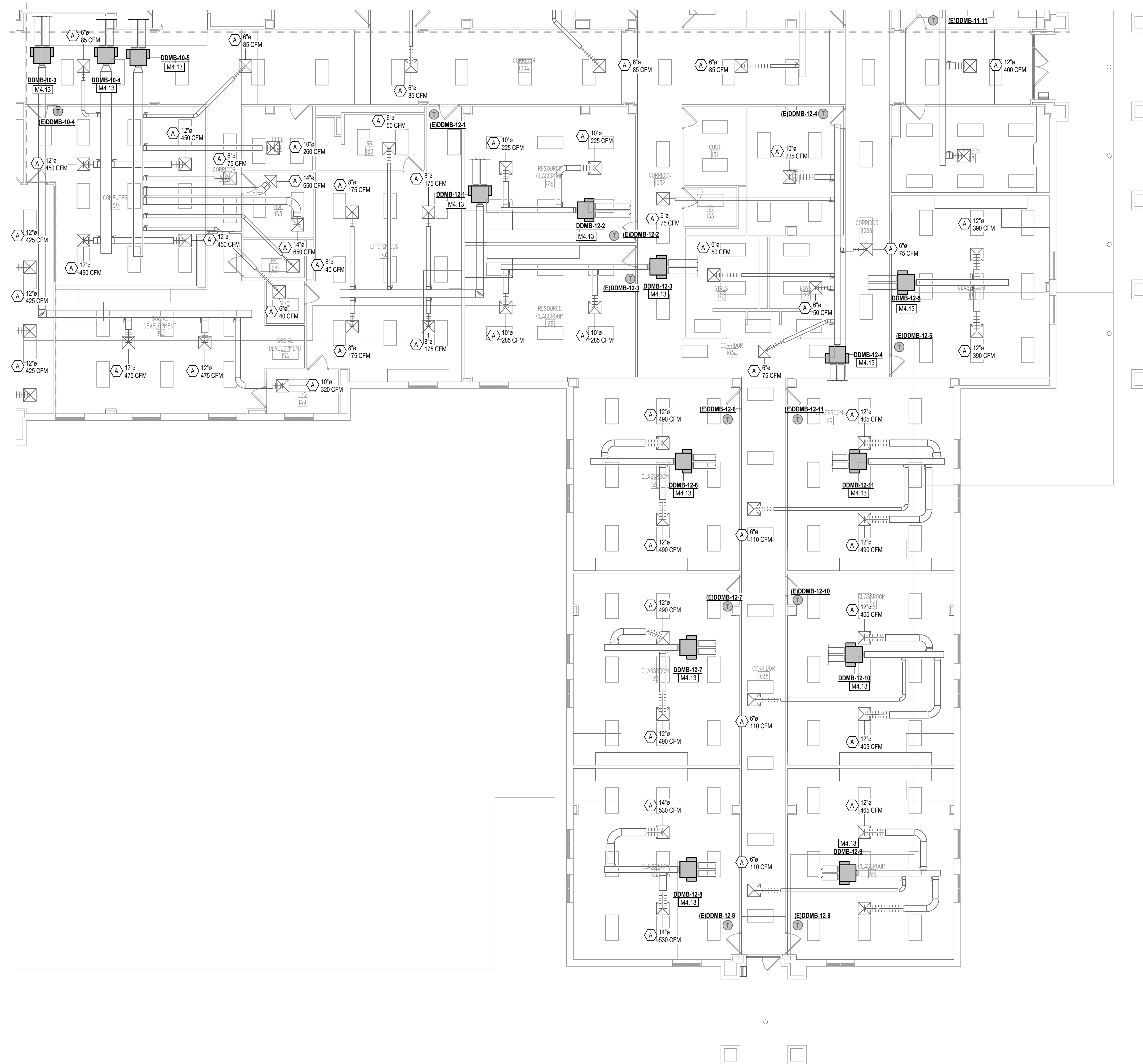
1 MECHANICAL PLAN - LEVEL ONE - UNIT D
M12.11D 1/8" = 1'-0"



MECHANICAL KEYED NOTES

M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATION SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 01/16/20.

GENERAL NOTE:
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1 MECHANICAL PLAN - LEVEL ONE - UNIT E
M12.11E 1/8" = 1'-0"

ARCHITECT

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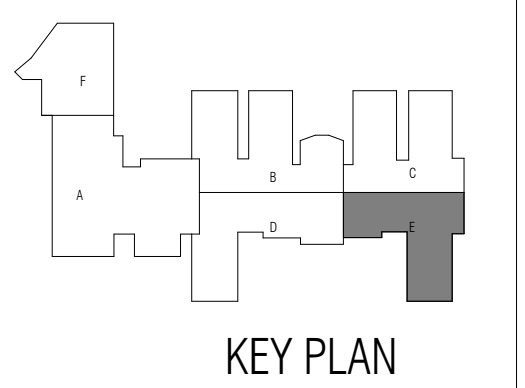
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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
2025.401



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - FLOOR PLAN - UNIT E

SHEET NO.

M12.11E



CCISD Priority Repairs - BAUE GILE WEBE

ARCHITECT

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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
Approver DBR
Designer Quality Control
Designer
Proj. Arch.
DBR

PROJECT NO.

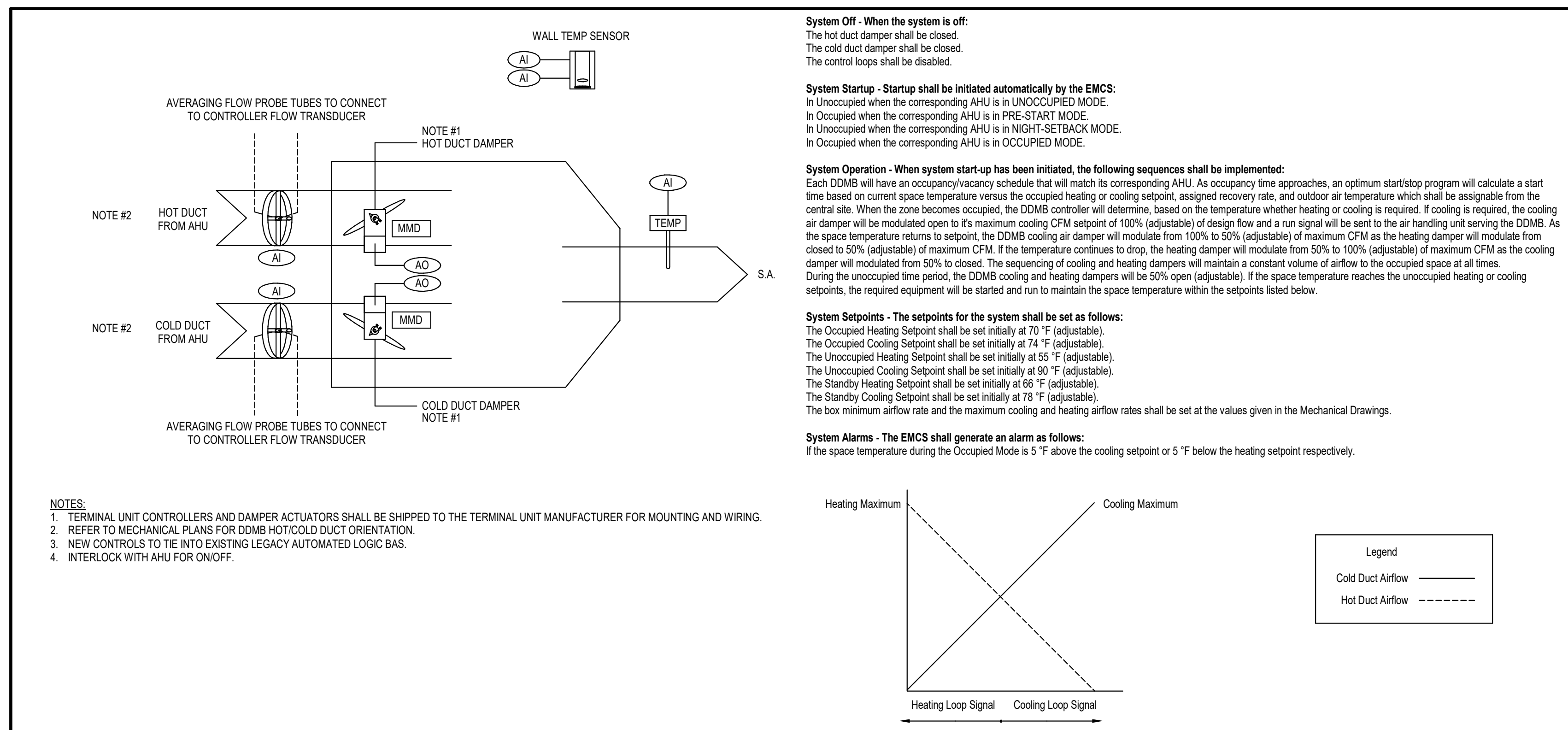
24-045.00

SHEET TITLE

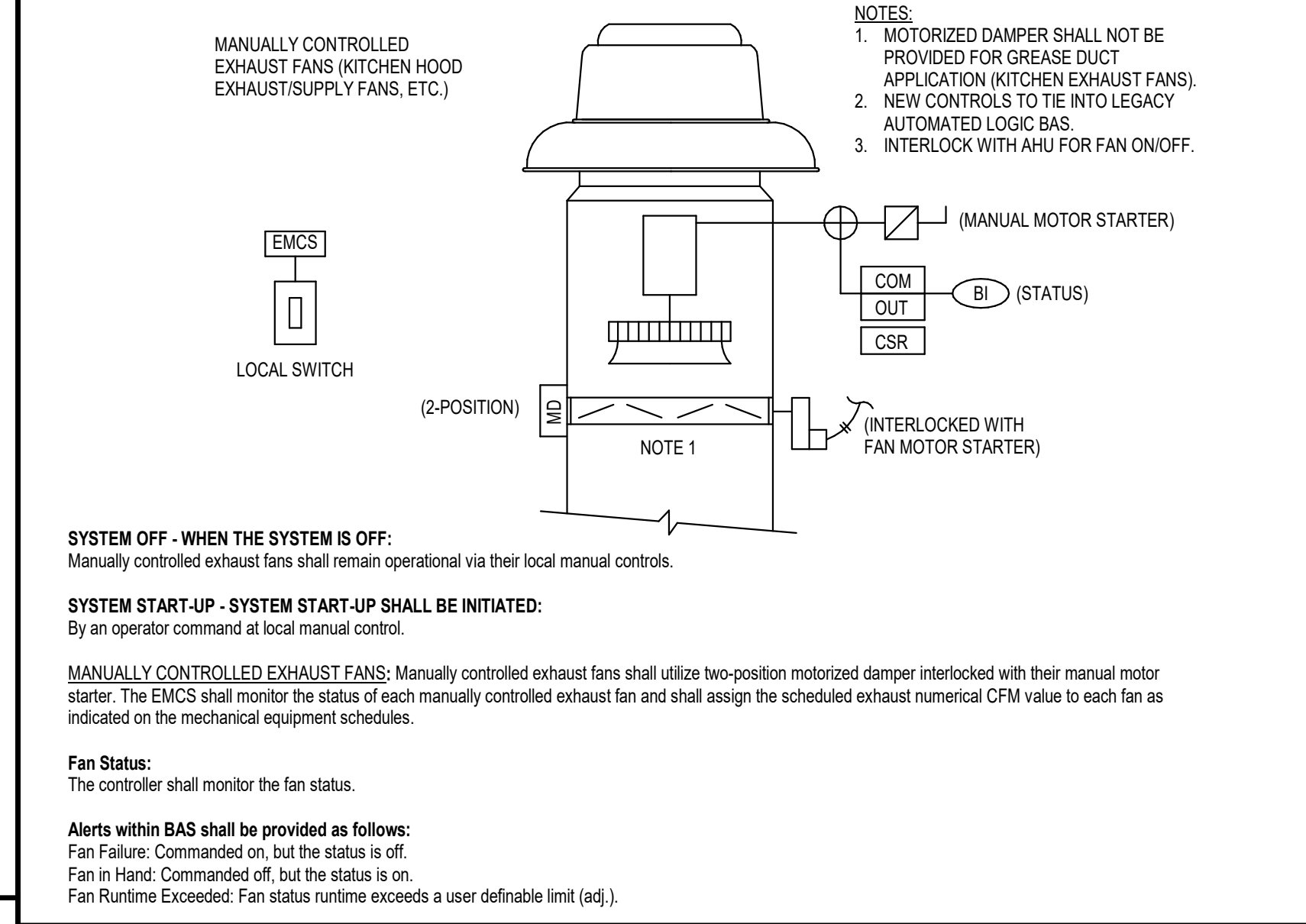
BAUE - MECHANICAL
CONTROLS

SHEET NO.

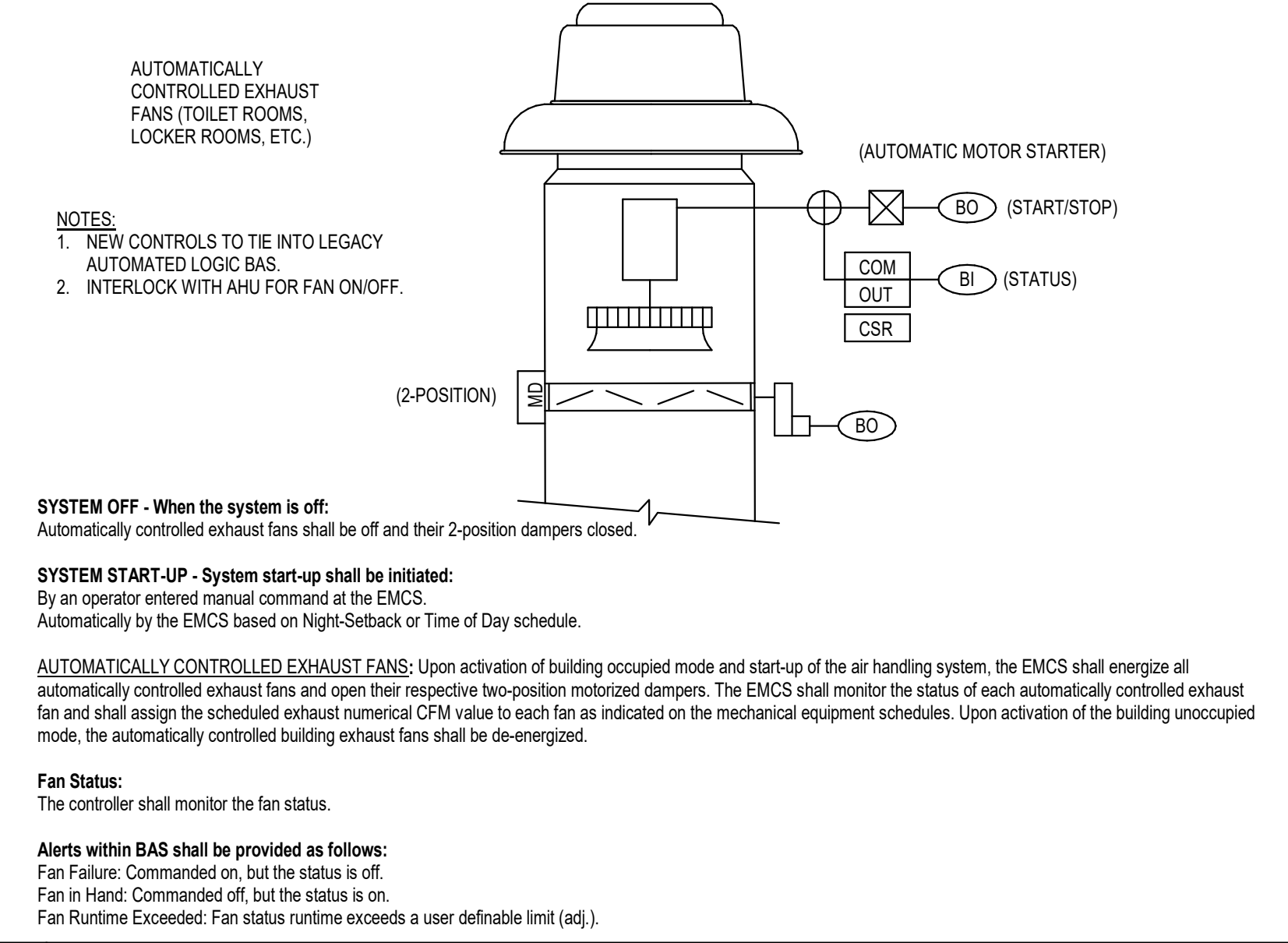
M14.01



5 Dual Duct Mixing Box - Control Schematic and Sequence of Operations
NOT TO SCALE



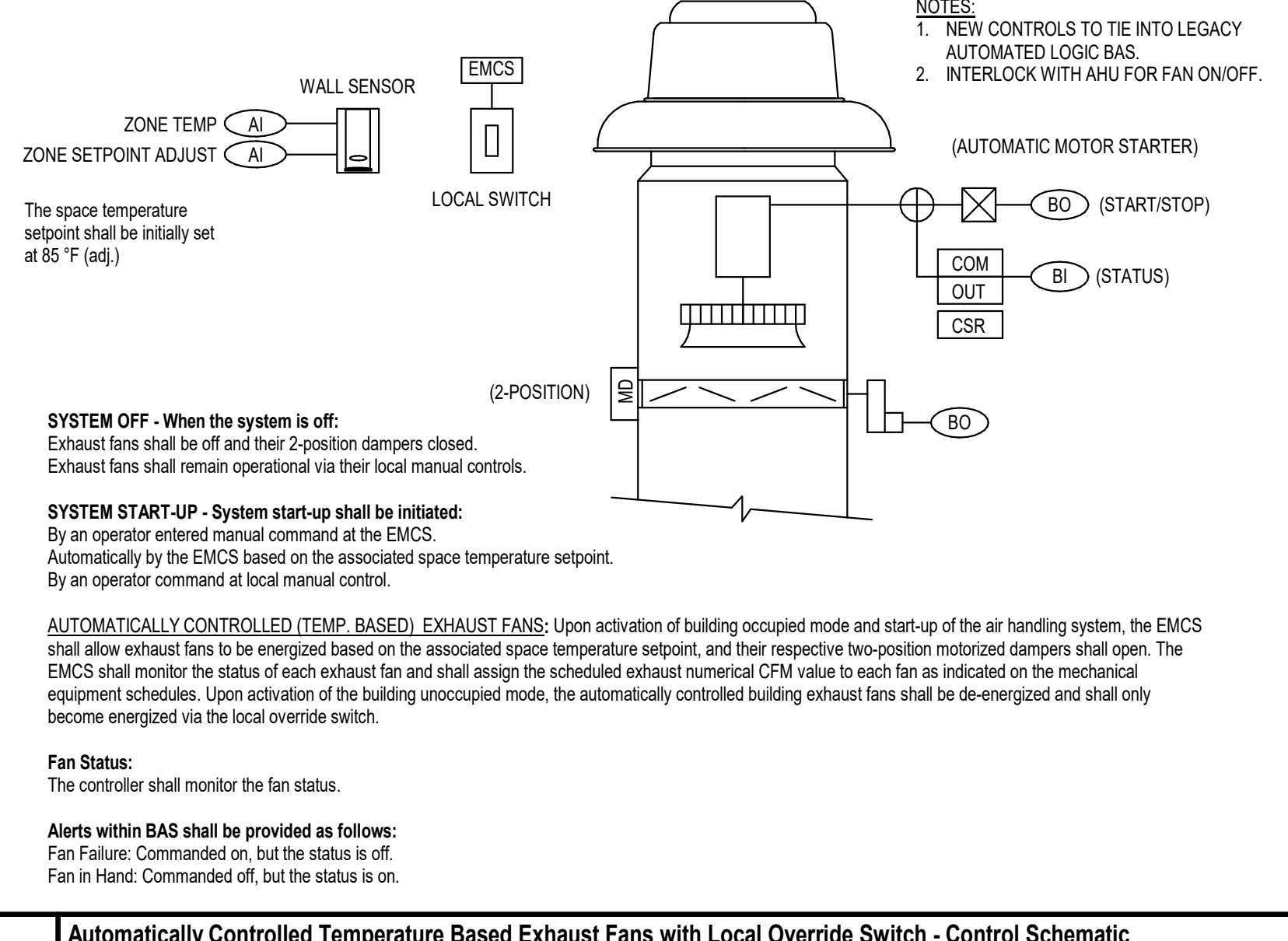
2 Manually Controlled Exhaust/Supply Fans - Control Schematic and Sequence of Operations
NOT TO SCALE



1 Automatically Controlled Exhaust/Supply Fans - Control Schematic and Sequence of Operations
NOT TO SCALE

AI	ANALOG INPUT	W	WALL SENSOR
AO	ANALOG OUTPUT	T	THERMOSTAT
DIBI	DIGITAL BINARY INPUT	CO2	CARBON DIOXIDE SENSOR
DOB	DIGITAL BINARY OUTPUT	SP	SET POINT
MD	ON-OFF MOTORIZED DAMPER	S/A	SUPPLY AIR
MMD	MODULATING TYPE MOTORIZED DAMPER	R/A	RETURN AIR
AFMS	AIR FLOW MEASURING STATION	O/A	OUTSIDE AIR
MCV	CONTROL VALVE MODULATING TYPE	HC	HEATING COIL
VFD	VARIABLE FREQUENCY DRIVE	CC	COOLING COIL
CSR	CURRENT SENSING RELAY	DX	DIRECT EXPANSION COOLING COIL
FRZ	FREEZE STAT	PICCV	PRESSURE INDEPENDENT CHARACTERIZED CONTROL VALVE
HSL	HIGH STATIC LIMIT	AFC	AIRFLOW CROSS
SPT	STATIC PRESSURE TRANSMITTER	DPS	DIFFERENTIAL PRESSURE SWITCH
DPT	DIFFERENTIAL PRESSURE TRANSDUCER		
FM	FLOW METER		
FS	FLOW SWITCH		
DAT	DISCHARGE AIR TEMPERATURE SENSOR		

4 CONTROL SCHEMATIC LEGEND
NOT TO SCALE



3 Automatically Controlled Temperature Based Exhaust Fans with Local Override Switch - Control Schematic and Sequence of Operations
NOT TO SCALE



GENERAL NOTE:
 EXISTING ROOF IS UNDER WARRANTY, MECHANICAL SUB CONTRACTOR TO TAKE LIABILITY FOR ANY AND ALL DAMAGE TO ROOF WHILE FANS ARE BEING REPLACED. ANY AND ALL WORK ON AND AROUND THE ROOF SHALL BE DONE SUCH THAT THE MANUFACTURERS ROOFING WARRANTY IS MAINTAINED.

MECHANICAL KEYED NOTES

M4.14 PROVIDE ROOF MOUNTED FAN AT APPROXIMATE LOCATION SHOWN. FAN TO BE INSTALLED IN SAME PLACE AS EXISTING. PROVIDE FAN WITH ROOF CURB, ACCESSORIES, ETC. AS NECESSARY FOR REWORKING. RE: 03/M16.00.



ARCHITECT

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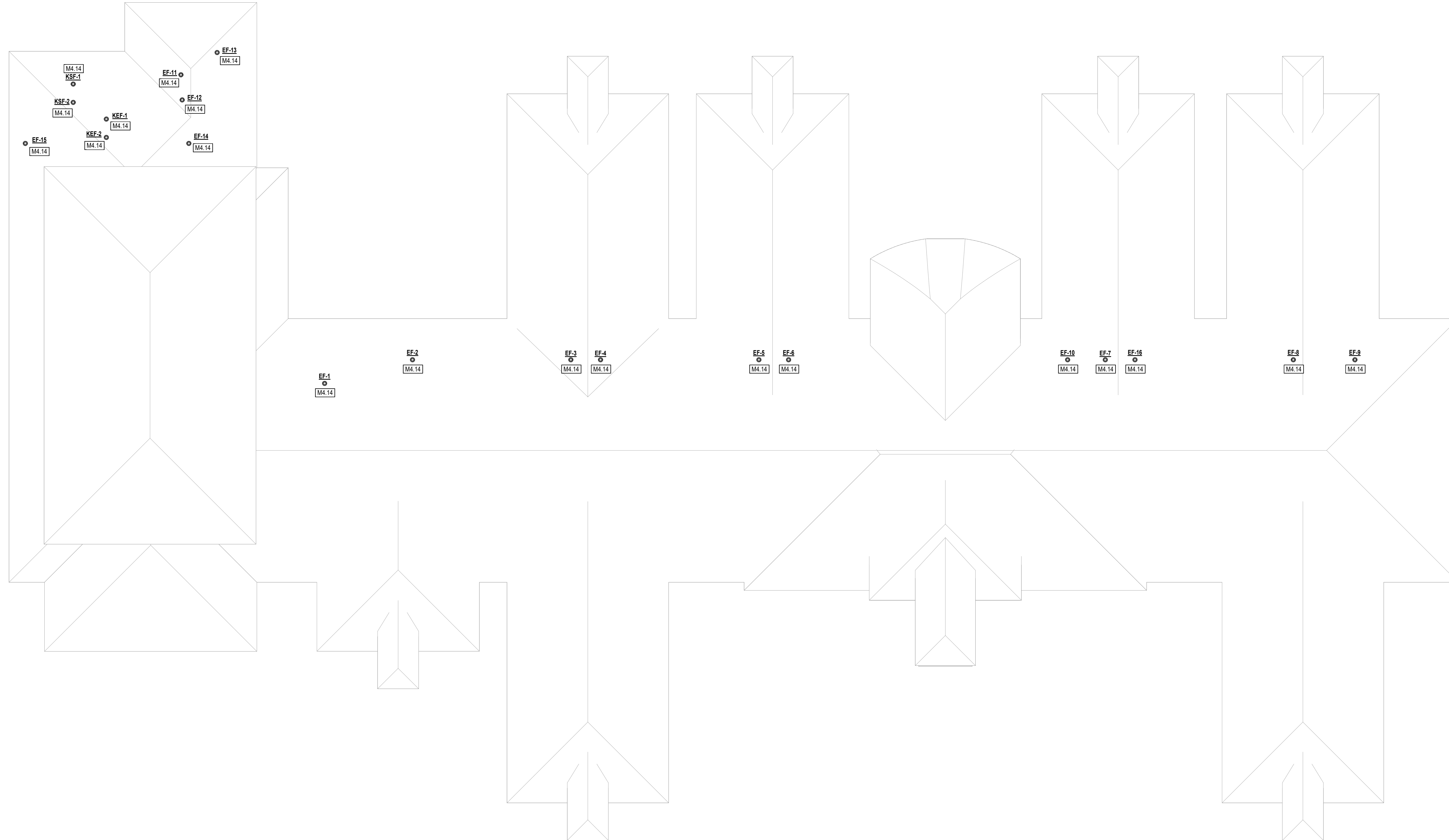
M.E.P. ENGINEER

DBR Engineering Consultants

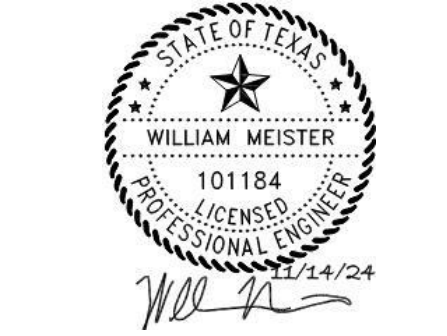
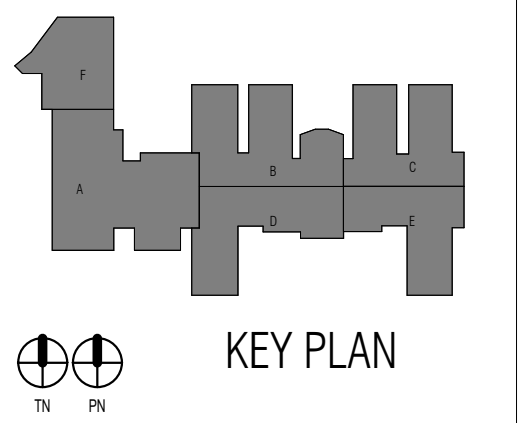
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 LEAGUE CITY, TEXAS

CCISD PROJECT NO:
 2025.401



1 MECHANICAL ROOF PLAN
 M15.00 1" = 20'-0"



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - MECHANICAL ROOF PLAN

SHEET NO.

M15.00



M15.00

CCISD Priority Repairs - BAUE GILE WEBE

DUAL DUCT MIXING BOX SCHEDULE

MARK	MAX. COOLING CFM	MAX. HEATING CFM	MIN. CFM	INLET SIZE (IN.)		OUTLET (IN.)	MFR	MODEL NO.
				COLD	HOT			
DDMB-5-1	1,580	1,580	475	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-5-2	970	970	285	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-5-3	970	970	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-5-4	940	940	285	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-5-5	1,285	1,285	390	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-5-6	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-5-7	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-5-8	1,325	1,325	400	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-5-9	960	960	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-5-10	955	955	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-5-11	955	955	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-6-1	1,550	1,550	465	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-6-2	1,310	1,310	395	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-6-3	570	570	175	9"Ø	9"Ø	10"X11"	TITUS	DMDV
DDMB-6-4	1,080	1,080	325	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-6-5	1,060	1,060	320	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-6-6	1,140	1,140	345	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-6-7	760	760	230	10"Ø	10"Ø	10"X11"	TITUS	DMDV
DDMB-6-8	960	960	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-6-9	1,370	1,370	415	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-6-10	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-6-11	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-6-12	1,060	1,060	320	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-6-13	1,040	1,040	315	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-6-14	920	920	280	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-6-15	920	920	280	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-7-1	1,025	1,025	310	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-7-2	770	770	235	10"Ø	10"Ø	10"X11"	TITUS	DMDV
DDMB-7-3	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-7-4	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-7-5	1,325	1,325	400	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-7-6	960	960	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-7-7	955	955	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-7-8	955	955	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-8-1	580	580	175	9"Ø	9"Ø	10"X11"	TITUS	DMDV
DDMB-8-2	550	550	165	9"Ø	9"Ø	10"X11"	TITUS	DMDV
DDMB-8-3	1,160	1,160	350	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-8-4	660	660	200	10"Ø	10"Ø	10"X11"	TITUS	DMDV
DDMB-8-5	400	400	120	8"Ø	8"Ø	7"X8"	TITUS	DMDV
DDMB-8-6	260	260	80	6"Ø	6"Ø	6"X6"	TITUS	DMDV
DDMB-8-7	250	250	75	6"Ø	6"Ø	6"X6"	TITUS	DMDV
DDMB-8-1	550	550	165	9"Ø	9"Ø	10"X11"	TITUS	DMDV
DDMB-8-2	2,280	2,280	685	16"Ø	16"Ø	15" x 16"	TITUS	DMDV
DDMB-8-3	2,025	2,025	610	16"Ø	16"Ø	12" x 16"	TITUS	DMDV
DDMB-8-4	1,620	1,620	490	16"Ø	16"Ø	15" x 16"	TITUS	DMDV
DDMB-8-5	600	600	180	9"Ø	9"Ø	10"X11"	TITUS	DMDV
DDMB-10-1	1,120	1,120	340	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-10-2	2,625	2,625	790	16"Ø	16"Ø	15" x 16"	TITUS	DMDV
DDMB-10-3	1,270	1,270	385	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-10-4	1,885	1,885	570	16"Ø	16"Ø	15" x 16"	TITUS	DMDV
DDMB-10-5	1,800	1,800	540	16"Ø	16"Ø	15" x 16"	TITUS	DMDV
DDMB-10-6	710	710	215	10"Ø	10"Ø	10"X11"	TITUS	DMDV
DDMB-10-7	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-10-8	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-10-9	1,325	1,325	400	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-10-10	960	960	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-10-11	955	955	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-10-12	955	955	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-11-1	1,040	1,040	315	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-11-2	450	450	135	8"Ø	8"Ø	7"X8"	TITUS	DMDV
DDMB-11-3	800	800	240	10"Ø	10"Ø	10"X11"	TITUS	DMDV
DDMB-11-4	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-11-5	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-11-6	1,325	1,325	400	14"Ø	14"Ø	12" x 16"	TITUS	DMDV
DDMB-11-7	960	960	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-11-8	955	955	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-11-9	955	955	290	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-11-10	780	780	235	10"Ø	10"Ø	10"X11"	TITUS	DMDV
DDMB-11-11	850	850	255	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-12-1	750	750	225	10"Ø	10"Ø	10"X11"	TITUS	DMDV
DDMB-12-2	450	450	135	8"Ø	8"Ø	7"X8"	TITUS	DMDV
DDMB-12-3	570	570	175	9"Ø	9"Ø	10"X11"	TITUS	DMDV
DDMB-12-4	550	550	165	9"Ø	9"Ø	10"X11"	TITUS	DMDV
DDMB-12-5	780	780	235	10"Ø	10"Ø	10"X11"	TITUS	DMDV
DDMB-12-6	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-12-7	980	980	295	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-12-8	1,060	1,060	320	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-12-9	1,040	1,040	315	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-12-10	920	920	280	12"Ø	12"Ø	11"X13"	TITUS	DMDV
DDMB-12-11	920	920	280	12"Ø	12"Ø	11"X13"	TITUS	DMDV

- NOTES:
1. PROVIDE AEROCROSS MULTI-POINT CENTER AVERAGING VELOCITY SENSORS IN EACH PRIMARY AIR INLET.
 2. PROVIDE MIXING BOX WITH INTEGRAL MIXER / SOUND ATTENUATOR.
 3. PROVIDE TERMINAL UNIT CASING WITH 1" INTERNALLY LINED FIBERGLASS FREE INSULATION.
 4. EMCS CONTRACTOR SHALL PROVIDE 24VAC TO EACH PRIMARY AIR INLET DAMPER ACTUATOR.

FAN SCHEDULE

MARK	EF-1	EF-2	EF-3	EF-4	EF-5	EF-6	EF-7	EF-8	EF-9	EF-10
SERVES	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	MDF
TYPE/DRIVE	CENTBELT	CENTBELT	CENTBELT	CENTBELT	CENTBELT	CENTBELT	CENTBELT	CENTBELT	CENTBELT	CENTBELT
INTERLOCK	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS
CFM (MIN./MAX.)	1,100	700	800	700	700	500	700	700	995	2,000
EXT. S.P. (IN. W.G.)	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
HORSEPOWER	1/3	1/4	1/4	1/4	1/4	1/6	1/4	1/4	1/4	3/4
FAN SPEED (RPM)	1,513	1,250	1,353	1,250	1,250	1,295	1,250	1,250	1,406	1,236
SONES (MAX.)	9.2	8.2	9.2	8.2	8.2	7.2	8.2	8.2	8.3	11.5
VOLTS/PHASE/HERTZ	115/160	115/160	115/160	115/160	115/160	115/160	115/160	115/160	115/160	115/160
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL NUMBER	GB-100-3	GB-099-4	GB-099-4	GB-099-4	GB-099-4	GB-099-6	GB-099-4	GB-099-4	GB-100-4	GB-140-7
NOTES	1,7.8.9	1,7.8.9	1,7.8.9	1,7.8.9	1,7.8.9	1,7.8.9	1,7.8.9	1,7.8.9	1,7.8.9	2,7.9
MARK	EF-11	EF-12	EF-13	EF-14	EF-15	EF-16	KEF-1	KEF-2	KSF-1	KSF-2
SERVES	CENTRAL PLANT	CENTRAL PLANT	ELECTRICAL	DISHWASHER	KIT. TOILET	RESTROOMS	KITCHEN HOOD	KITCHEN HOOD	KITCHEN HOOD	KITCHEN HOOD
TYPE/DRIVE	CENTBELT	CENTBELT	CENTBELT	CENTBELT	CENT/DIRECT	CENTBELT	CENTBELT	CENTBELT	CENTBELT	CENTBELT
INTERLOCK	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS
CFM (MIN./MAX.)	1000/2000	5,000	2,500	600	150	420	3,450	3,600	2,070	2,160
EXT. S.P. (IN. W.G.)	0.500	0.250	0.250	0.625	0.375	0.375	1.625	1.625	0.750	0.750
HORSEPOWER	34	1 1/2	3/4	1/4	1/6	1/6	2	3	1	1
FAN SPEED (RPM)	1,586	977	1,438	1,366	1,134	1,173	1,382	1,404	1,337	1,365
SONES (MAX.)	15.3	15.7	15.7	7.2	4.9	6.0	18.7	19.4	13.7	14.1
VOLTS/PHASE/HERTZ	115/160	460/360	115/160	115/160	115/160	115/160	460/360	460/360	115/160	115/160
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL NUMBER	G-130-VG	GB-200-15	GB-140-7	CUBE-099-4	GB-097-6	GB-098-6	CUBE-180-20	CUBE-180-30	KSQ-15-M2-VG	KSQ-15-M2-VG
NOTES	5,7.9	2,7.9	2,7.9	4,7.9	6,8.9	1,7.8.9	3,7.9	3,7.9	3,7.9	3,7.9

- NOTES:
1. FAN SHALL BE INTERLOCKED WITH AIR HANDLING UNIT SERVING THIS AREA FOR SIMULTANEOUS OPERATION.
 2. FAN SHALL BE CONTROLLED BY BAS BASED ON SIGNAL FROM TEMPERATURE SENSOR. FAN SHALL BE ENERGIZED WHEN ROOM TEMPERATURE RISES ABOVE SETPOINT.
 3. FAN SHALL BE STARTED AND STOPPED BY A SWITCH ON OR NEAR KITCHEN HOOD. EXHAUST FAN AND SUPPLY FAN SERVING THE SAME HOOD SHALL BE INTERLOCKED FOR SIMULTANEOUS OPERATION.
 4. FAN SHALL BE INTERLOCKED WITH DISHWASHER HOOD AND SHALL HAVE A TIMED RELAY. FAN SHALL BE ENERGIZED WHEN DISHWASHER IS ACTIVATED AND SHALL RUN FOR A MINIMUM OF 10 MINUTES.
 5. REFRIGERATION MACHINERY ROOM VENTILATION FAN SHALL OPERATE CONTINUOUSLY AT LOW SPEED TO EXHAUST AIR FROM ROOM AT A RATE OF 1000 CFM. WHEN THE REFRIGERANT MONITORING AND ALARM DETECTS A REFRIGERANT LEAK, THE FAN SHALL BE SWITCHED TO HIGH SPEED TO EXHAUST AIR FROM THE ROOM AT A RATE OF 2000 CFM.
 6. TOILET ROOM EXHAUST FAN SHALL BE SWITCHED WITH LIGHTS.
 7. PROVIDE PRE-FABRICATED ROOF CURB WITH EACH ROOF MOUNTED FAN. ROOF CURB SHALL BE DESIGNED FOR INSTALLATION ON SLOPED ROOF. COLOR OF ROOF CURB TO MATCH ROOF SHINGLE EARTH TONE. REFER TO ARCHITECTURAL DRAWINGS FOR ROOF PITCH AND SHINGLE COLOR.
 8. FAN SHALL BE INTERLOCKED WITH LOCAL AHU.
 9. MATCH WITH EXISTING ROOF PAINT.



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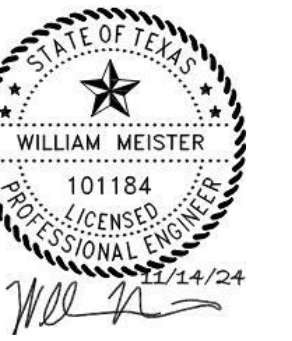
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CCISD PROJECT NO:
 2025.401

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CCISD Priority Repairs - BAUE GILE WEBE



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 Designer Quality Control
 Designer
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 DBR

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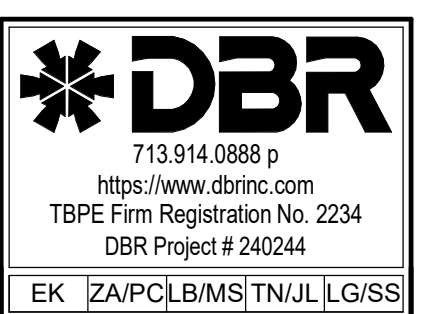
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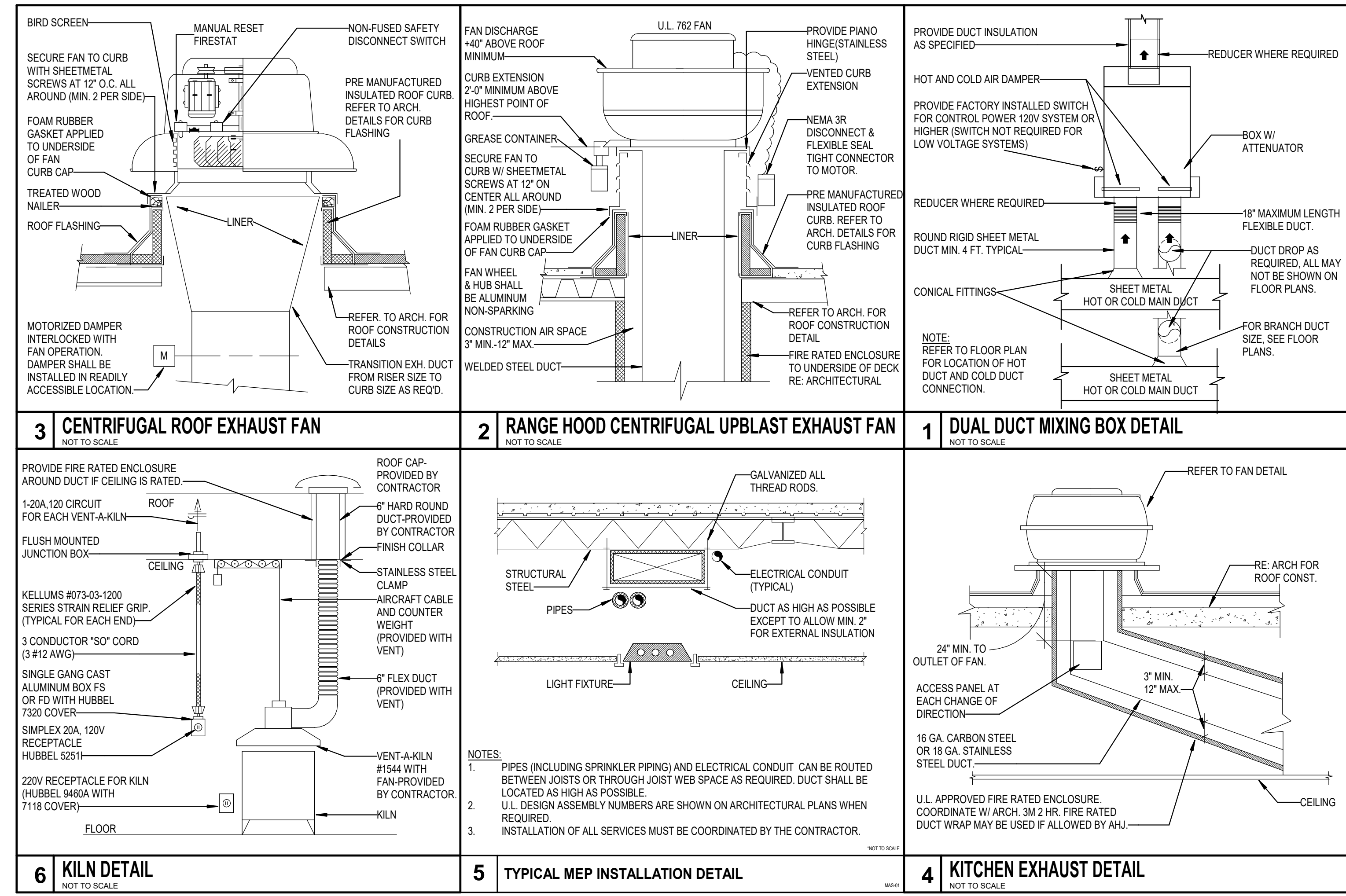
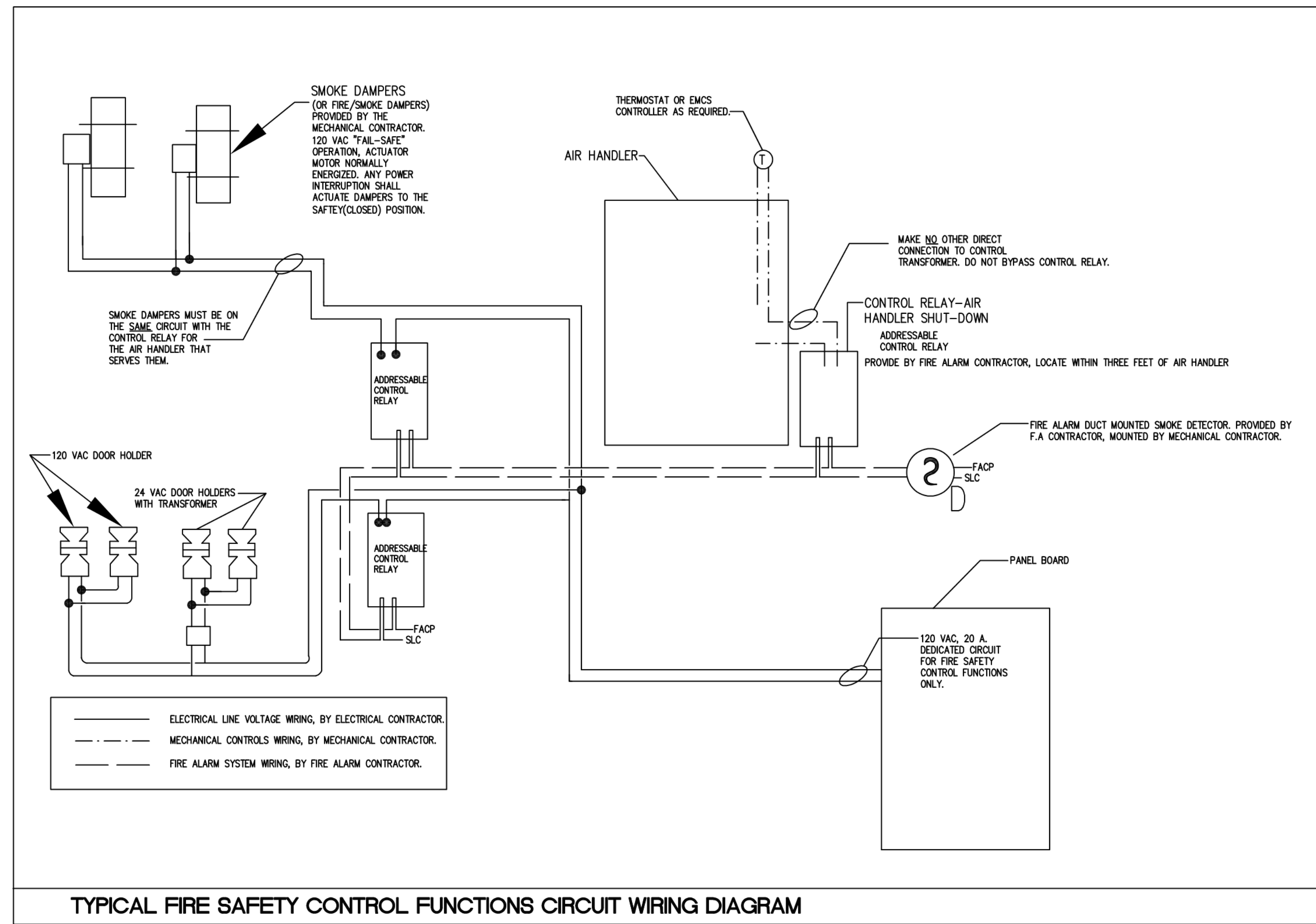
SHEET TITLE

BAUE - MECHANICAL SCHEDULES

SHEET NO.

M15.01





GENERAL NOTE: CONTRACTOR TO UPGRADE MAIN GATEWAY FOR BUILDING ON EACH CAMPUS.



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SHEET TITLE

BAUE - MECHANICAL
DETAILS

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SHEET TITLE

BAUE - ELECTRICAL
 SYMBOL LEGEND

SHEET NO.

E10.00



ABBREVIATIONS		ELECTRICAL SYMBOLS		GENERAL NOTES: A. NOT ALL SYMBOLS SHOWN ON THIS SYMBOL LIST ARE USED IN THE CONTRACT DOCUMENTS.	
AC AF AFF AFG AIC AL AM AMP ANN ASC AT ATS AUX BKR BLDG. C CKT CLD CONT. CONTR CT CU DAS DC DISC DP DPDT DPST DWG ELEV. EPO ERRC FA FF FLA FTL GA GEN GND GTD IG LF LITG LV LVL MAX MCA MCB MCCB MCR MDP MFR MIC MIN. MLO MOP MSB NBR NAX N.C. NEC NF NFS NIC NL N.O. NO. NTS PH POS QTY RCP RCP RE SF SMA SPD SPDT SPST SPEC SQFT ST SWB TL TOC TOS TR TV TYP UG UNO UPS VFD WP WT WSP XMR	ALTERNATING CURRENT AMPERE FUSE, AMPERE FRAME ABOVE FINISHED CEILING ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AMPERE INTERRUPT CAPACITY ALUMINUM AMMETER AMPLIFIER ANNUNCIATOR AMPERES SHORT CIRCUIT AMPERE TRIP RATING AUTOMATIC TRANSFER SWITCH AUXILIARY BREAKER BUILDING CONDUIT, CELSIUS CIRCUIT CEILING CONTINUOUS CONTINUATION CONTROLLER, CONTRACTOR CURRENT TRANSFORMER/COOLING TOWER COPPER DISTRIBUTED ANTENNA SYSTEM DIRECT CURRENT DISCONNECT DISTRIBUTION PANEL DOUBLE-POLE, DOUBLE-THROW DOUBLE-POLE, SINGLE-THROW DRAWING ELEVATOR EMERGENCY POWER OFF EMERGENCY RESPONDER RADIO COVERAGE SYSTEM FIRE ALARM FURNITURE FEED FULL LOAD AMPS FEED-THRU/LUGS GAUGE GENERATOR GROUND GENERATOR TRANSFER DEVICE ISOLATED GROUND LINEAR FEET LIGHTING LOW VOLTAGE LEVEL MAXIMUM METAL CLAD CABLE MINIMUM CIRCUIT AMPS MAIN CIRCUIT BREAKER MOLDED CASE CIRCUIT BREAKER MOTORIZED DAMPER MAIN DISTRIBUTION PANEL MANUFACTURER MICROPHONE MINIMUM MAIN LUGS ONLY MAXIMUM OVERCURRENT PROTECTION MAIN SWITCHBOARD NEMA 3R NEMA 4X NORMALLY CLOSED NATIONAL ELECTRICAL CODE NON-FUSED NON-FUSED SWITCH NOT IN CONTRACT NIGHT LIGHT NORMALLY OPEN NUMBER NOT TO SCALE PHASE POINT OF SALE QUANTITY REFLECTED CEILING PLAN RECEPTACLE REFERENCE, REFER SQUARE FOOT SMALLER STARTING KILOVOLT-AMPS SURGE PROTECTION DEVICE SINGLE-POLE, DOUBLE-THROW SINGLE-POLE, SINGLE-THROW SPECIFICATION SQUARE FOOT SHUNT TRIP SWITCHBOARD TWIST-LOCK TOP OF CURB TOP OF STEEL TIMPER RESISTANT RECEPTACLE TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE UNINTERRUPTIBLE POWER SYSTEM VARIABLE FREQUENCY DRIVE WEATHERPROOF WATERTIGHT, WEIGHT WATTS PER SQUARE FOOT TRANSFORMER	MOTOR RATED SWITCH WITH THERMAL OVERLOADS SINGLE OR THREE PHASE MOTOR NUMBER INDICATES HORSE POWER ELECTRIC DUCT HEATER DISCONNECT (SAFETY) SWITCH "2000/150" DENOTES AMPERES/POLES/USE. "NF" DENOTES NON-FUSED. "N3R" DENOTES NEMA 3R ENCLOSED CIRCUIT BREAKER- "2000/150" DENOTES AMPERES/POLES/TRIP MOTOR STARTER FURNISHED BY DIVISION 28 AND INSTALLED BY DIVISION 28 COMBINATION DISCONNECT (SAFETY) SWITCH AND MOTOR STARTER, "300/150K" DENOTES AMPERES/POLES/FUSE/STARTER SIZE. "NF" DENOTES NON-FUSED. FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 28 VARIABLE FREQUENCY DRIVE PROVIDED BY DIVISION 23 AND INSTALLED BY DIVISION 28 EMERGENCY POWER OFF BUTTON.	RECEPTACLES SHALL BE MOUNTED 18" ABOVE FINISHED FLOOR TO CENTER OF DEVICE UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL REQUIREMENTS. ABBREVIATIONS APPLICABLE TO RECEPTACLES: "GFCI" GROUND FAULT INTERRUPTER "WIP" WEATHERPROOF "IG" ISOLATED GROUND "TR" TAMPER RESISTANT "USB" RECEPTACLE WITH USB CHARGING PORTS "AC" ABOVE COUNTER MOUNTING "UC" UNDER COUNTER MOUNTING "H" HORIZONTALLY ORIENTED RECEPTACLE SIMPLEX WALL RECEPTACLE, NEMA 5-20R, 20A, 125V. DUPLEX WALL RECEPTACLE, NEMA 5-20R, 20A, 125V. SHADED INDICATES SPLIT-WIRED FOURPLEX (QUADRUPEX) RECEPTACLE DUPLEX RECEPTACLE (PEDESTAL MOUNTED) CONTROLLED WALL RECEPTACLE DUPLEX, SPLIT-WIRED QUAD, SEPARATELY WIRED UNDER A COMMON COVERPLATE POWER DEVICE RED IN COLOR, ON EMERGENCY POWER CIRCUIT CEILING RECEPTACLE/QUAD, EMERGENCY POWER SYMBOL MAY APPLY SPECIAL RECEPTACLE, NEMA CONFIGURATION PER PLAN OR EQUIPMENT TV ROUGH-IN, 3-GANG RECESSED TV BOX, CONTAINING 1 DUPLEX RECEPTACLE, 1 GANG FOR AV, 1 GANG FOR DATA FLOOR BOX OR POKE THRU, POKE-THRU'S WHERE IN SUSPENDED SLABS, RECESSED IN FOUNDATION WHERE SLAB ON GRADE FLUSH ELECTRICAL FLOOR OUTLET, REFER TO FLOOR BOX SCHEDULE, FIRE RATED POKE-THROUGH SCHEDULE AND KEYED NOTES. DROP CORD WITH SIMPLEX RECEPTACLE UNLESS OTHERWISE NOTED CORD REEL WITH DUPLEX RECEPTACLE UNLESS OTHERWISE NOTED JUNCTION BOX "MP" INDICATES POWER CONNECTION TO SERVE MOTOR DAMPER "MD" INDICATES POWER CONNECTION TO SERVE HAND DRYER "FV" INDICATES POWER CONNECTION TO SERVE FLUSH VALVES PULL BOX (OVER 4" SQUARE) BELLBUZZER/CHIME PUSH BUTTON/DOOR BELL/START-STOP POWER POLE POINT OF DIRECT CONNECTION TO EQUIPMENT CLOCK RECEPTACLE SHALL BE MOUNTED 12" BELOW FINISHED CEILING. (2) DENOTES DOUBLE SIDED CLOCK	RECEPTACLES SHALL BE MOUNTED 18" ABOVE FINISHED FLOOR TO CENTER OF DEVICE UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL REQUIREMENTS. ABBREVIATIONS APPLICABLE TO RECEPTACLES: "GFCI" GROUND FAULT INTERRUPTER "WIP" WEATHERPROOF "IG" ISOLATED GROUND "TR" TAMPER RESISTANT "USB" RECEPTACLE WITH USB CHARGING PORTS "AC" ABOVE COUNTER MOUNTING "UC" UNDER COUNTER MOUNTING "H" HORIZONTALLY ORIENTED RECEPTACLE SIMPLEX WALL RECEPTACLE, NEMA 5-20R, 20A, 125V. 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MOTORS AND CONTROLS		RACEWAYS AND WIRING		MISCELLANEOUS	
RECEPTACLES AND OUTLETS		ELECTRICAL EQUIPMENT		FIRE ALARM	
LIGHTING		COMMUNICATIONS		SECURITY	
PHASING		ONE-LINE DIAGRAM		SWITCHES AND LIGHTING CONTROL DEVICES	
		DAYLIGHT ZONES		DRAWING/DETAIL REFERENCE KEY	
		PANELBOARD NOMENCLATURE			

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SHEET TITLE

BAUE - ELECTRICAL
GENERAL NOTES

SHEET NO.

E10.01

GENERAL LIGHTING DEMOLITION NOTES

- A. ALL FIXTURES REMOVED AND REINSTALL SHALL BE CLEANED PRIOR TO REINSTALLATION.
- B. ALL EXISTING SWITCHING ZONES SHALL REMAIN UNCHANGED UNLESS DIRECTED OTHER ON PLANS.
- C. ALL LIGHT CIRCUIT SHALL BE DEMOLISHED AS REQUIRED BY THE DEMOLITION SCOPE ON THE DOCUMENTS. REPAIR ANY CIRCUITS THAT ARE PARTIALLY DEMOLISHED AND CONTAIN OUTLETS THAT ARE NOT IN SCOPE OR OUTSIDE OF THE LIMITS OF CONSTRUCTION TO WORKING CONDITION. PROVIDE CONDUIT AND BOXES AS NEEDED.
- D. MODIFIED LIGHTING CIRCUITS SHALL NOT EXCEED 80% CIRCUIT LOAD BASED ON CIRCUIT AMPACITY.
- E. ALL REMOVED AND REINSTALLED LIGHT FIXTURES MUST BE CLEANED, RELAMPED AS REQUIRED AND TOUCHED UP WITH PAINT. ALL DAMAGED PARTS MUST BE REPLACED. THE FIXTURES SHALL THEN BE REINSTALLED AS REQUIRED. PROVIDE NEW DRIVERS AS REQUIRED.
- F. ALL EXISTING INTERCOM/SPEAKERS SHALL BE REMOVED AND REINSTALLED AS REQUIRED TO FACILITATE RENOVATION. SUBJECT TO EXISTING EQUIPMENT OPERATION CONDITION VERIFICATION.

GENERAL DEMOLITION SCOPE NOTES:

- A. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRESENT ON SITE PRIOR TO BIDDING, AND SHALL BE EXPECTED TO PERFORM DEMOLITION AND INSTALL NEW AS SHOWN ON THE DOCUMENTS, INCLUDING SCOPE THAT MAY NOT FEASIBLY BE INDICATED ON PLAN.
- B. CONTRACTOR SHALL VERIFY AND DOCUMENT EXISTING CONDITIONS OF ALL OUTLETS (AS DEFINED BY NEC) THAT ARE INDICATED OR REQUIRED TO BE REMOVED AND REINSTALLED TO FACILITATE THE WORK REQUIRED BY ALL TRADES. WHERE OUTLETS ARE REINSTALLED IN NON-OPERABLE CONDITION, THE CONTRACTOR SHALL REPLACE AT NO COST TO THE OWNER. DOCUMENT OUTLETS IN NON-WORKING CONDITION PRIOR TO REMOVE AND NOTIFY THE OWNER.
- C. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL TO ALL REMOVED MATERIALS. CONTRACTOR SHALL COORDINATE WITH OWNER FOR LOCATION TO RETURN ANY AND ALL MATERIAL FOR OWNER STORAGE. FAILURE TO TURN OVER REMOVED MATERIAL TO OWNER MAY REQUIRE CONTRACTOR TO REPLACE EQUIPMENT REMOVED WITH NEW.
- D. REMOVE ALL ELECTRICAL DEVICES WITHIN DEMOLISHED WALLS INCLUDING RECEPTACLES, SWITCHES, DATA/TELEPHONE DROPS, FIRE ALARM DEVICES, PA DEVICES, CONDUIT, AND WIRING. REMOVE CONDUIT AND WIRING BACK TO PANEL OR LAST ACTIVE JUNCTION BOX. REFER TO ARCHITECTURAL DEMO PLAN. THIS SCOPE MAY NOT BE DIRECTLY IMPLIED BY NOTES ON DEMO PLANS AS IT IS ASSUMED THIS SCOPE EXISTS BASED ON ARCHITECTURAL DEMOLITION PLANS.
- E. REFERENCE FIRE ALARM GENERAL NOTES FOR ASSOCIATED FIRE ALARM SCOPE OF WORK.
- F. ALL ABANDONED CONDUIT AND BOXES FOUND IN CRANL SPACES, CEILING SPACES, CHASES, OR UTILITY SPACES SHALL BE REMOVED. ANY EXISTING CONDUIT THAT IS UNDERGROUND MAY BE ABANDONED.
- G. CONTRACTOR SHALL REVIEW DEMO AND NEW WORK PLANS SIMULTANEOUSLY TO IDENTIFY SCOPE THAT IS TO BE MODIFIED FOR REUSE WITH NEW SCOPE.

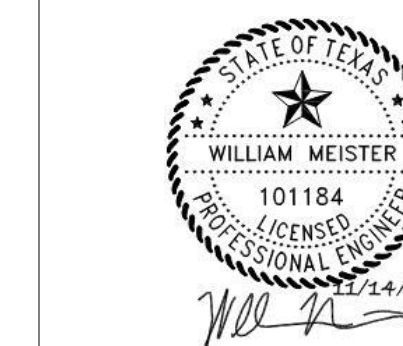
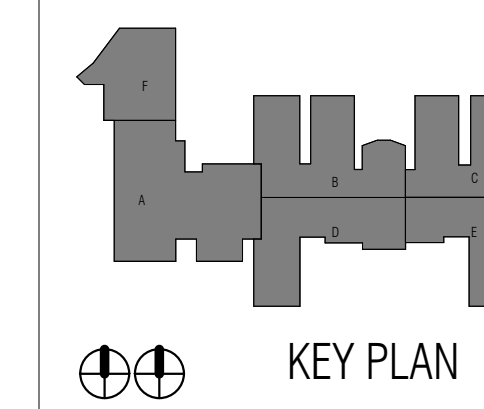
GENERAL POWER DEMOLITION NOTES:

- A. GENERAL DEMOLITION NOTES APPLY TO ALL DEMOREMODELING SCOPE.
- B. WHEN OUTLETS ARE ABANDONED, WIRE MUST BE PULLED OUT OF THE CONDUIT BACK TO THE NEAREST REMAINING BOX OR CABINET. EXPOSED CONDUIT THAT HAS BEEN ABANDONED MUST BE REMOVED.
- C. RE-ESTABLISH SERVICE TO ALL OUTLETS THAT MAY BE INTERRUPTED DUE TO REMODELING WORK.
- D. PROVIDE ALL APPURTENANCES REQUIRED TO REROUTE, RELOCATE, REMOVE OR REINSTALL ALL ITEMS DESCRIBED IN THESE NOTES.
- E. EXISTING CIRCUITS MODIFIED IN FIELD SHALL NOT EXCEED 80% CAPACITY BASED ON AMP-RATING OF CIRCUIT.
- F. DO NOT LEAVE ABANDONED CONDUIT, BOXES, EQUIPMENT, OR ENCLOSURES AFTER DEMOLITION. ALL ABANDONED MATERIAL MUST BE REMOVED.
- G. IDENTIFICATION AND LABELING SHALL BE PROVIDED IN ACCORDANCE WITH SPECIFICATIONS AND/OR NEW-WORK GENERAL ELECTRICAL NOTES.
- H. CIRCUIT NUMBERS ARE FOR PLAN REFERENCE ONLY. CONTRACTOR SHALL RELABEL ALL CIRCUIT DIRECTORIES WITH LOAD NAMES FOR ALL EXISTING AND NEW PANELS THAT WERE MODIFIED WITHIN THIS PROJECT.
- I. EXISTING CIRCUIT BREAKERS VACATED DUE TO REMODELING WORK SHALL REMAIN AS SPARE BREAKERS AND TURNED TO THE 'OFF' POSITION.
- J. WHERE INDICATED OR REQUIRED BY OTHER TRADES, CONTRACTOR SHALL REMOVE ALL ELECTRICAL CONNECTIONS TO EXISTING PREWIRED FURNITURE. REMOVE CONDUIT AND WIRING BACK TO LAST ACTIVE JUNCTION. ALL DATA CABLING SHALL BE REMOVED BACK TO LAST ACTIVE JUNCTION AND SALVAGED FOR REINSTALLATION.

GENERAL ELECTRICAL NOTES:

- A. ELECTRICAL DEVICES SHOWN ARE NOT EXACT. ALL DEVICE LOCATIONS SHALL BE VERIFIED WITH ARCHITECTURAL MILLWORK, CASEWORK, AND GENERAL ELEVATION VIEWS.
- B. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, OUTLET BOXES, JUNCTION BOXES FOR ALL TECHNOLOGY, LOW VOLTAGE, ACCESS CONTROL, SECURITY, SURVEILLANCE, AND OTHER DIVISION 2728 SCOPE. REFER TO DIVISION 2728 DRAWINGS AND SPECIFICATIONS FOR ALL WORK REQUIRED. OMISSION OF THIS SCOPE FROM DIV 28 SCOPE OF WORK IS PROHIBITED.
- C. HVAC AND PLUMBING EQUIPMENT LOCATIONS ARE NOT EXACT, AND THE EXACT POINT OF CONNECTION TO EQUIPMENT MAY VARY. COORDINATE EXACT ROUGH-IN REQUIREMENTS IN FIELD AND WITH FINAL SUBMITTALS FOR ALL DIV. 21/22/23 EQUIPMENT.
- D. PROVIDE LABELING OF ALL DEVICES, CONDUIT, PANELS, AND JUNCTION BOXES IN ACCORDANCE WITH ELECTRICAL SPECIFICATIONS.
- E. MINIMIZE ROOF PENETRATIONS. WHERE ABLE, ROUTE ALL CONDUIT FOR ROOF MOUNTED EQUIPMENT THROUGH ROOF CURB. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING NECESSARY WATER PROOFING AROUND ROOF PENETRATIONS WITH ROOFING INSTALLER.
- F. ALL RECEPTACLES LOCATED IN RESTROOMS, JANITOR CLOSETS, MECHANICAL ROOMS, ELEVATOR PITTS OR SHAFTS, ELEVATOR EQUIPMENT ROOMS, SERVING ELECTRIC DRINKING FOUNTAINS OR VENDING MACHINES, LOCATED WITHIN 6" OF A SINK, LOCATED ABOVE A WET COUNTERTOP OR IN A KITCHEN OR COFFEE BAR SHALL BE GFCI. FEED-THRU GFCI'S IS PROHIBITED. ALL GFCI'S/DEVICES SHALL BE PROVIDED WITH INDIVIDUAL TEST/RESET FEATURES.
- G. MULTI-WIRE HOME RUNS SHALL NOT BE ALLOWED. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. SHARING CONDUIT IS PERMISSIBLE WHERE TOTAL CONDUCTOR AMPACITY DERATING HAS BEEN PERFORMED BY ELECTRICAL CONTRACTOR. THE NEUTRAL IS CONSIDERED CURRENT-CARRYING.
- H. ALL RECEPTACLES SHALL BE TAMPER RESISTANT TYPE. CONTRACTOR MAY PROVIDE NON-TAMPER-RESISTANT RECEPTACLES WHERE NOT REQUIRED PER CURRENT NEC ARTICLE 406.
- I. LABEL ALL CIRCUITS AT ALL JUNCTION BOXES AND OUTLETS (AS DEFINED BY NEC) WITH TYPE-WRITTEN LABEL IDENTIFYING CIRCUIT ON THE BACK OF DEVICE COVER PLATES OR ON COVER OF JUNCTION BOX. IF A BOX HAS MULTIPLE CIRCUITS WITHIN, LABEL ALL CIRCUITS.





ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
 Approver
 Designer
 Designer
 Proj. Arch.
 DBR

Drawn By
 DBR
 Quality Control
 Designer

PROJECT NO.

24-045.00

SHEET TITLE

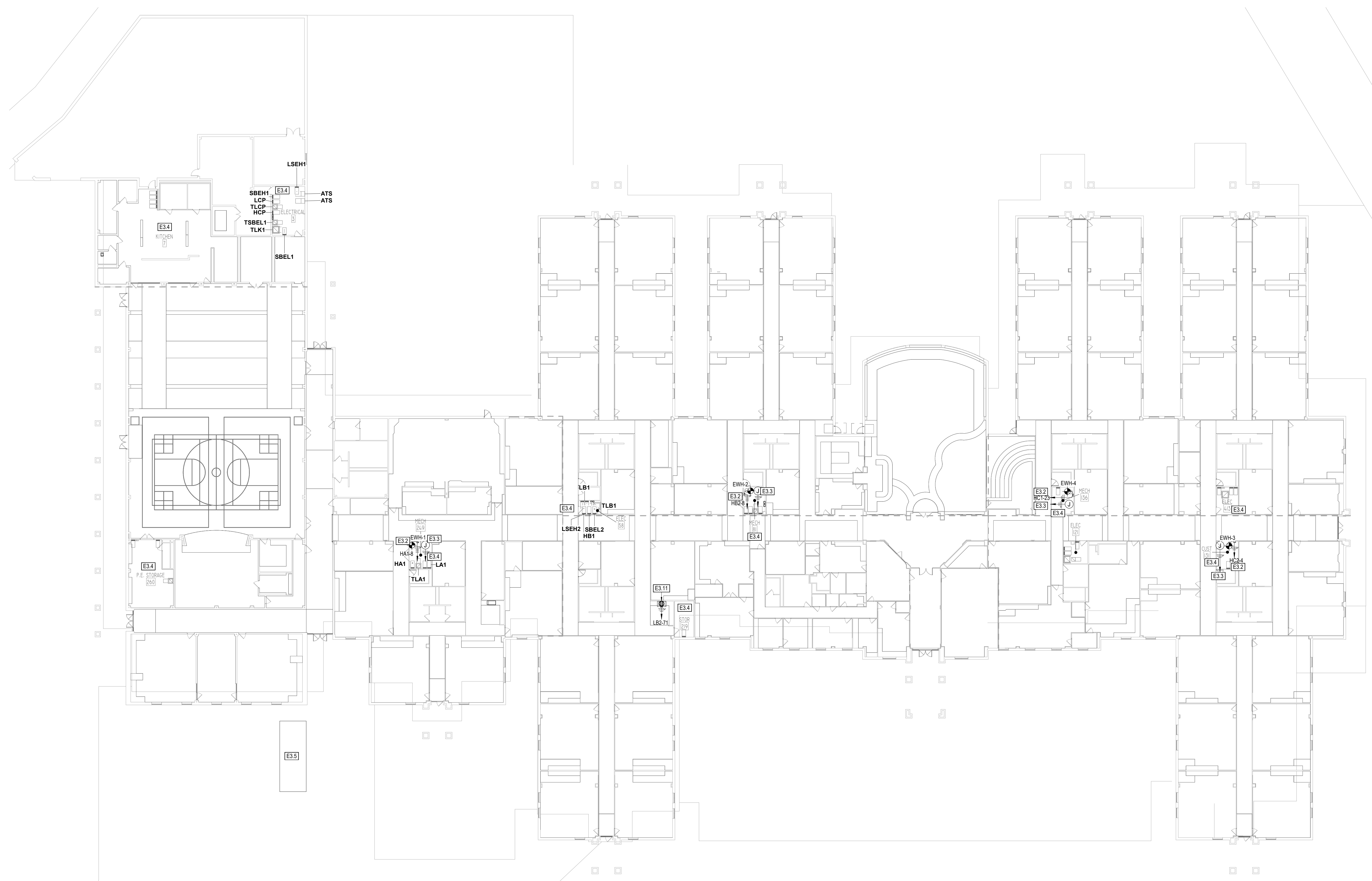
BAUE - COMPOSITE
 POWER PLAN

SHEET NO.

E12.11

ELECTRICAL KEYED NOTES

- E3.2 REPLACE ELECTRIC WATER HEATER. TRACE CIRCUIT AND FIELD VERIFY EXACT CIRCUIT NUMBER. WIRE AND CONNECT TO NEW DISCONNECT SWITCH. COORDINATE WITH DIVISION 21 PRIOR TO WORK.
- E3.3 UTILIZE EXISTING CIRCUIT SERVING CIRCULATION PUMP. REMOVE ALL WIRE BACK TO PANEL. PROVIDE NEW CONDUIT AND NEW #10 WIRE AND RECONNECT TO EXISTING CIRCUIT.
- E3.4 ELECTRICAL EQUIPMENT IN THIS ROOM SHALL BE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT.
- E3.5 ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE FEEDER AND ALL ELECTRICAL CONNECTIONS SERVING PORTABLE BUILDING. PULL WIRE AND REMOVE CONDUIT BACK TO SOURCE.
- E3.11 PROVIDE 120V POWER FOR KITCHEN FIRE SUPPRESSION SYSTEM. FIELD COORDINATE EXACT LOCATION AND ADDITIONAL REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE MOTOR RATED SWITCH. RANGE CORD AND PLUG SHALL BE CONNECTED VIA FIRE SUPPRESSION SYSTEM ELECTRIC SHUT OFF. TIE SYSTEM WITH BUILDING'S EXISTING FIRE ALARM SYSTEM. COORDINATE EXACT ELECTRICAL REQUIREMENTS.



1 COMPOSITE POWER PLAN - LEVEL ONE
 E12.11 1" = 20'-0"



LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER	MODEL	MOUNTING	LAMPS	VOLTAGE	WATTAGE	DESCRIPTION
D	KIRLIN	LKS-08074-650L-277-V-80CR-D1-	RECESSED	LED	277 V	74 VA	6" SQUARE UPGRADE KIT EXTERIOR DOWNLIGHT
W	GARDCO	101L-32L-530-NW-G1-2-UV-C850-FIN-18H	SURFACE	LED	277 V	24 VA	EXTERIOR WALL PACK

ELECTRICAL KEYED NOTES

- E9.1 EXISTING LIGHT FIXTURES SHALL BE REMOVED AND REPLACED WITH NEW. ALL ELECTRICAL CONNECTIONS SHALL BE DISCONNECTED. PROVIDE NEW WIRE. RE-USE EXISTING CONDUIT WHERE POSSIBLE. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF LIGHT FIXTURES.
- E9.2 ROUTE CIRCUIT VIA 800NE UL 1008 GTD 20A GENERATOR TRANSFER DEVICE. LOCATE STD ADJACENT TO EMERGENCY PANELS SERVING EMERGENCY LIGHTING CIRCUIT. CONNECT NORMAL AND EMERGENCY CIRCUIT POWER TO CIRCUITS INDICATED ON PLANS. ROUTE NORMAL CIRCUIT THROUGH LIGHTING CONTACTOR. TYPICAL FOR ALL EXTERIOR LIGHTING CIRCUITS.

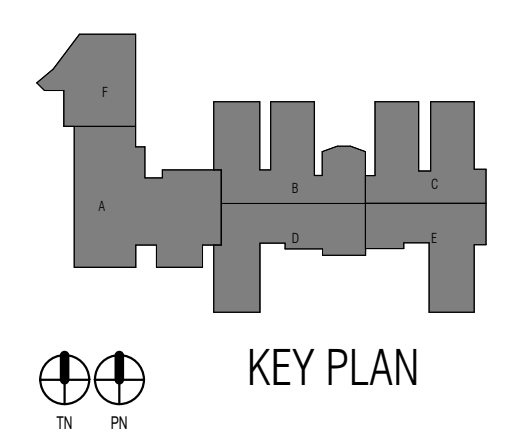


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CLEAR CREEK ISD
 LEAGUE CITY, TEXAS

CCISD PROJECT NO:
 2025.401



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

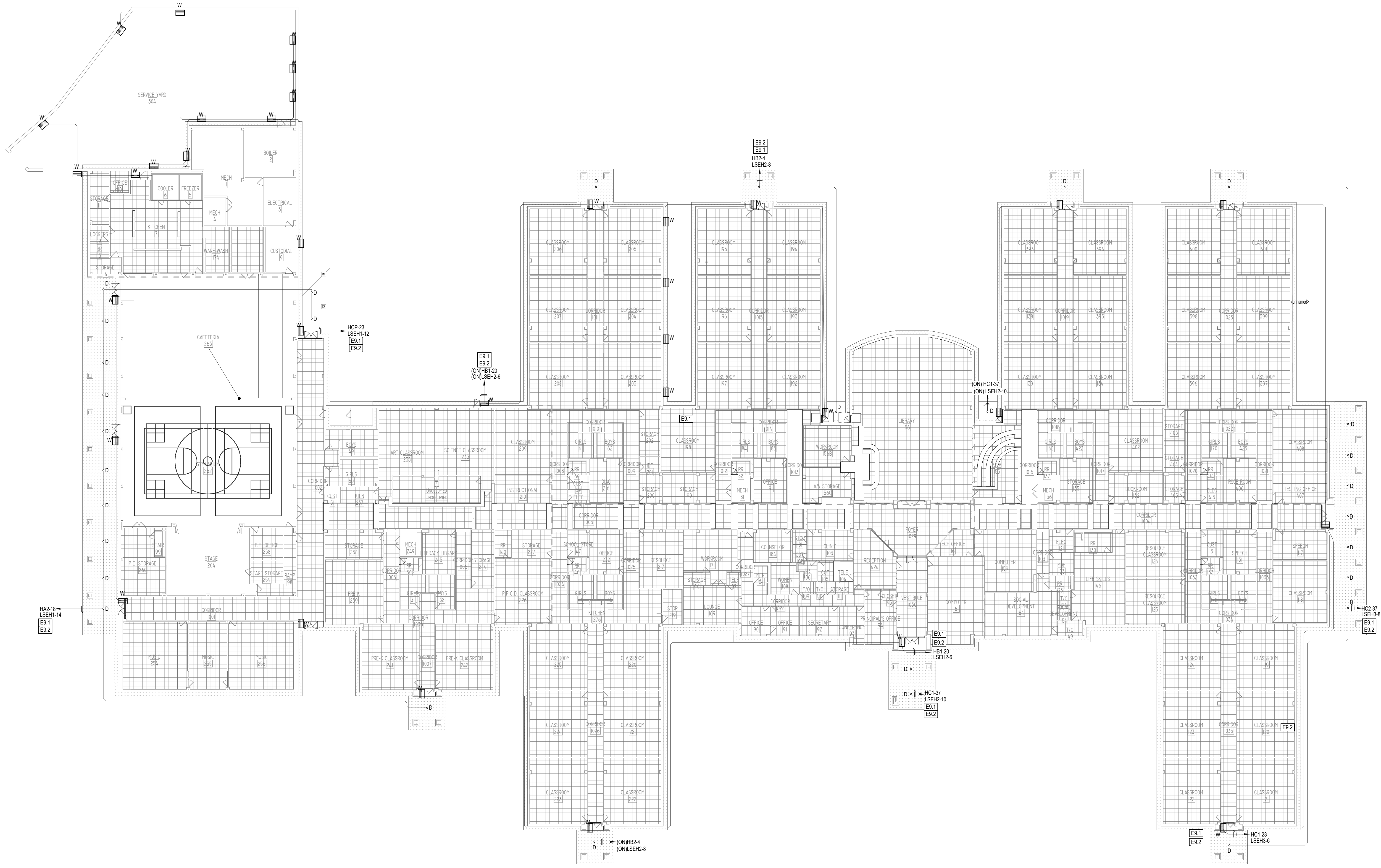
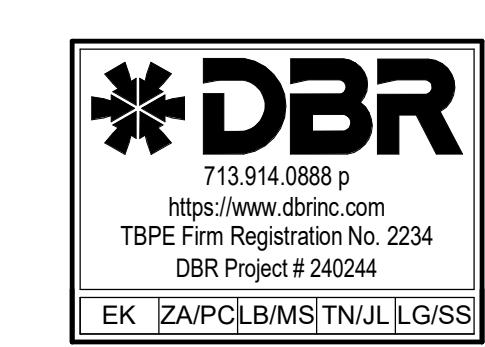
PROJECT NO.
 24-045.00

SHEET TITLE

BAUE - COMPOSITE
 LIGHTING PLAN

SHEET NO.

E12.12

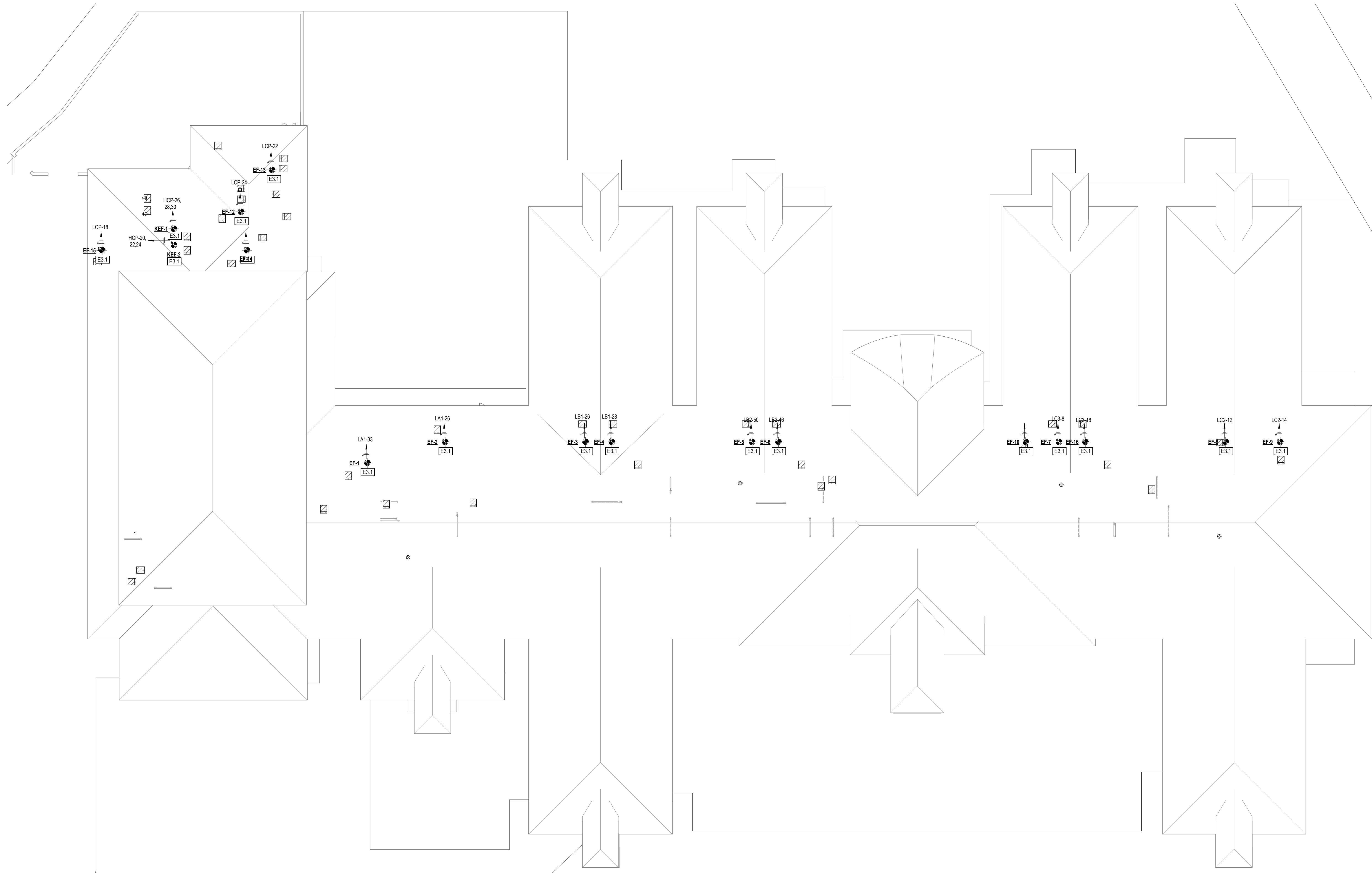


1 COMPOSITE ELECTRICAL LIGHTING PLAN - LEVEL ONE
 1" = 20'-0"

CCISD Priority Repairs - BAUE GILE WEBE

ELECTRICAL KEYED NOTES

E3.1 REPLACE EXHAUST FAN. ALL ELECTRICAL CONNECTIONS SHALL BE DISCONNECTED. REMOVE ALL WIRE BACK TO PANEL. PROVIDE NEW CONDUIT AND NEW #10 WIRE AND RECONNECT TO EXISTING CIRCUIT. WHERE SHOWN ON PLAN, CIRCUIT NUMBER IS FOR REFERENCE ONLY. TRACE CIRCUIT AND FIELD VERIFY EXACT CIRCUIT NUMBER, WIRE, AND CONNECT TO NEW DISCONNECT PROVIDED BY DIVISION 22 AND INSTALLED BY DIVISION 26. COORDINATE WITH DIVISION 23 PRIOR TO WORK.



1 ELECTRICAL ROOF PLAN
E15.11 1" = 20'-0"



ARCHITECT

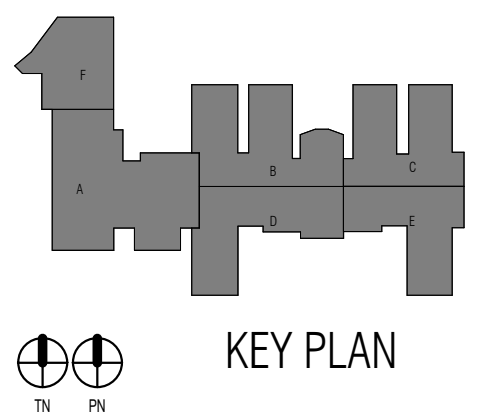
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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
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REVISIONS

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Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

BAUE - ELECTRICAL ROOF PLAN

SHEET NO.

E15.11



CCISD Priority Repairs - BAUE GILE WEBE

Panelboard LA1												10,000 AIC Rating X Existing New		
120/208 Volt, 3-Phase, 4-Wire 2 Section 1 - Nema Rating		X MCB MLO	XXX 225 AMP BUS (Copper)	X Single Double Feed - Thru	X Mounting Surface Flush	Description						Load (VA)	Notes	
Notes	Load (VA)	Type	Wire	CB	PKT #	PKT #	CB	Wire	Type	Description	Load (VA)	Notes		
1	720	EXISTING LOAD	R	12	201	1	A	2	201	12	R	EXISTING LOAD	1440	1
1	1080	EXISTING LOAD	R	12	201	3	B	4	201	12	R	EXISTING LOAD	1080	1
1	1080	EXISTING LOAD	R	12	201	5	C	6	201	12	R	EXISTING LOAD	126	1
1	720	EXISTING LOAD	R	12	201	7	A	8	201	12	R	EXISTING LOAD	1080	1
1	1080	EXISTING LOAD	R	12	201	9	B	10	201	12	R	EXISTING LOAD	1080	1
1	1080	EXISTING LOAD	R	12	201	11	C	12	201	12	R	EXISTING LOAD	1080	1
1	720	EXISTING LOAD	R	12	201	13	A	14	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	15	B	16	201	12	R	EXISTING LOAD	720	1
1	1080	EXISTING LOAD	R	12	201	17	C	18	201	12	R	EXISTING LOAD	1080	1
1	720	EXISTING LOAD	R	12	201	19	A	20	201	12	R	EXISTING LOAD	3600	1
1	1080	EXISTING LOAD	R	12	201	21	B	22	-	8	K	-	3600	1
1	1080	EXISTING LOAD	R	12	201	23	C	24	201	12	R	EXISTING LOAD	900	1
2	700	EF-2	F	12	201	25	A	26	403	8	M	EXISTING LOAD	3667	1
1	1000	EXISTING LOAD	R	12	201	27	B	28	-	-	M	-	3667	1
1	150	EXISTING LOAD	F	12	201	29	C	30	-	-	M	-	3667	1
1	320	EXISTING LOAD	M	12	201	31	A	32	201	12	R	EXISTING LOAD	1080	1
4	700	EF-1	F	10	251	33	B	34	201	12	R	EXISTING LOAD	1080	1
1	800	EXISTING LOAD	F	12	201	35	C	36	201	12	R	EXISTING LOAD	720	1
1	800	EXISTING LOAD	F	12	201	37	A	38	201	12	R	EXISTING LOAD	900	1
1	360	EXISTING LOAD	R	12	201	39	B	40	201	12	M	EXISTING LOAD	300	1
1	360	EXISTING LOAD	R	12	201	41	C	42	201	12	R	EXISTING LOAD	540	1
1	360	EXISTING LOAD	R	12	201	43	A	44	151	12	M	EXISTING LOAD	325	1
1	1500	EXISTING LOAD	R	12	201	45	B	46	201	12	R	EXISTING LOAD	540	1
1	300	EXISTING LOAD	M	12	201	47	C	48	201	12	R	EXISTING LOAD	360	1
1	300	EXISTING LOAD	M	12	201	49	A	50	201	12	R	EXISTING LOAD	600	1
1	300	EXISTING LOAD	M	12	201	51	B	52	201	12	R	EXISTING LOAD	900	1
1	300	EXISTING LOAD	M	12	201	53	C	54	201	12	R	EXISTING LOAD	900	1
1	900	EXISTING LOAD	R	12	201	55	A	56	303	10	M	TYSS	0	1
1	900	EXISTING LOAD	R	12	201	57	B	58	-	10	M	-	0	1
1	900	EXISTING LOAD	R	12	201	59	C	60	-	10	M	-	0	1
1	900	EXISTING LOAD	R	12	201	61	A	62	201	12	R	EXISTING LOAD	900	1
1	900	EXISTING LOAD	R	12	201	63	B	64	201	12	R	EXISTING LOAD	900	1
1	900	EXISTING LOAD	R	12	201	65	C	66	201	12	R	EXISTING LOAD	900	1
1	900	EXISTING LOAD	R	12	201	67	A	68	201	12	R	EXISTING LOAD	900	1
		SPACE		12	201	69	B	70			SPACE			
		SPACE		12	201	71	C	72			SPACE			
		SPACE		12	201	73	A	74			SPACE			
		SPACE		12	201	75	B	76			SPACE			
		SPACE		12	201	77	C	78			SPACE			
		SPACE		12	201	79	A	80			SPACE			
		SPACE		12	201	81	B	82			SPACE			
		SPACE		12	201	83	C	84			SPACE			
	25,670	Subtotal											35,532	
		N.E.C.												
	220.44	(R) Recept.	40,746	100%	25,373	210.20(a)	(L) Lighting	0	125%	0				
	220.56	(K) Kitchen	7,200	100%	7,200		(EL) Ext. Ltg.	0	100%	0				
	220.60	(C) Cooling	0	0%	0	620.14	(E) Elevators	0	100%	0				
	220.60	(H) Heating	0	0%	0		(WH) Water Ht.	0	100%	0				
	220.60	(F) Fans	4,110	100%	4,110	220.50	(MT) Lrg. Mot.	0	125%	0				
		(M) Misc.	13,146	100%	13,146		(SP) Sub Panel	0	100%	0				
		Total Connected Load =	65,202	VA =	181.1	AMPS	Location of Panel:							
		Total Load (Diversified) =	48,826	VA =	138.4	AMPS								

Panelboard LB1												10,000 AIC Rating X Existing New		
120/208 Volt, 3-Phase, 4-Wire 2 Section 1 - Nema Rating		X MCB MLO	225 225 AMP BUS (Copper)	X Single Double Feed - Thru	X Mounting Surface Flush	Description						Load (VA)	Notes	
Notes	Load (VA)	Type	Wire	CB	PKT #	PKT #	CB	Wire	Type	Description	Load (VA)	Notes		
1	720	EXISTING LOAD	R	12	201	1	A	2	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	3	B	4	201	12	M	EXISTING LOAD	325	1
1	1080	EXISTING LOAD	R	12	201	5	C	6	201	12	R	EXISTING LOAD	360	1
1	720	EXISTING LOAD	R	12	201	7	A	8	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	9	B	10	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	11	C	12	201	12	R	EXISTING LOAD	720	1
1	720	EXISTING LOAD	R	12	201	13	A	14	201	12	R	EXISTING LOAD	200	1
1	1080	EXISTING LOAD	R	12	201	15	B	16	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	17	C	18	201	12	R	EXISTING LOAD	900	1
1	720	EXISTING LOAD	R	12	201	19	A	20	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	21	B	22	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	23	C	24	201	12	R	EXISTING LOAD	900	1
1	720	EXISTING LOAD	R	12	201	25	A	26	201	12	F	EF-3 (14 HP)	700	2
1	1080	EXISTING LOAD	R	12	201	27	B	28	201	12	F	EF-4 (14 HP)	700	2
1	1080	EXISTING LOAD	R	12	201	29	C	30	201	12	R	EXISTING LOAD	380	1
1	720	EXISTING LOAD	R	12	201	31	A	32	201	12	R	EXISTING LOAD	500	1
1	1080	EXISTING LOAD	R	12	201	33	B	34	201	12	R	EXISTING LOAD	500	1
1	1080	EXISTING LOAD	R	12	201	35	C	36	201	12	R	EXISTING LOAD	900	1
1	720	EXISTING LOAD	R	12	201	37	A	38	1003	3	SP	EXISTING LOAD	8470	1
1	1080	EXISTING LOAD	R	12	201	39	B	40	1003	3	SP	EXISTING LOAD	14020	1
1	1080	EXISTING LOAD	R	12	201	41	C	42	1003	3	SP	EXISTING LOAD	12215	1
1	1080	EXISTING LOAD	R	12	201	43	A	44	303	10	EXISTING LOAD	0		
1	500	EXISTING LOAD	M	12	201	45	B	46	303	10	EXISTING LOAD	0		
1	720	EXISTING LOAD	R	12	201	47	C	48	303	10	EXISTING LOAD	0		
1	1080	EXISTING LOAD	R	12	201	49	A	50	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	51	B	52	201	12	R	EXISTING LOAD	900	1
1	720	EXISTING LOAD	R	12	201	53	C	54	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	55	A	56	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	57	B	58	201	12	R	EXISTING LOAD	900	1
1	900	EXISTING LOAD	R	12	201	59	C	60	201	12	R	EXISTING LOAD	900	1
1	900	EXISTING LOAD	R	12	201	61	A	62	201	12	R	EXISTING LOAD	900	1
		SPACE		12	201	63	B	64	201	12	R	EXISTING LOAD	900	1
		SPACE		12	201	65	C	66	201	12	R	EXISTING LOAD	900	1
		SPACE		12	201	67	A	68			SPACE			
		SPACE		12	201	69	B	70			SPACE			
		SPACE		12	201	71	C	72			SPACE			
		SPACE		12	201	73	A	74			SPACE			
		SPACE		12	201	75	B	76			SPACE			
		SPACE		12	201	77	C	78			SPACE			
		SPACE		12	201	79	A	80			SPACE			
		SPACE		12	201	81	B	82			SPACE			
		SPACE		12	201	83	C	84			SPACE			
	29,300	Subtotal											54,730	
		N.E.C.												
	220.44	(R) Recept.	45,300	100%	27,650	210.20(a)	(L) Lighting	0	125%	0				
	220.56	(K) Kitchen	0	0%	0	620.14	(E) Elevators	0	100%	0				
	220.60	(C) Cooling	0	0%	0		(WH) Water Ht.	0	100%	0				
	220.60	(H) Heating	0	0%	0		(MT) Lrg. Mot.	0	125%	0				
	220.60	(F) Fans	1,400	100%	1,400	220.50	(SP) Sub Panel	34,705	100%	34,705				
		(M) Misc.	625	100%	625									
		Total Connected Load =	62,200	VA =	228.4	AMPS	Location of Panel:							
		Total Load (Diversified) =	44,900	VA =	179.4	AMPS								

Panelboard LB2												10,000 AIC Rating X Existing New		
120/208 Volt, 3-Phase, 4-Wire 2 Section 1 - Nema Rating		X MCB MLO	225 225 AMP BUS (Copper)	X Single Double Feed - Thru	X Mounting Surface Flush	Description						Load (VA)	Notes	
Notes	Load (VA)	Type	Wire	CB	PKT #	PKT #	CB	Wire	Type	Description	Load (VA)	Notes		
1	720	EXISTING LOAD	R	12	201	1	A	2	201	12	R	EXISTING LOAD	1500	1
1	1080	EXISTING LOAD	R	12	201	3	B	4	201	12	R	EXISTING LOAD	900	1
1	1080	EXISTING LOAD	R	12	201	5	C	6	201	12	R	EXISTING LOAD	360	1
1	720	EXISTING LOAD	R	12	201	7	A	8	201	12	R	EXISTING LOAD	1440	1
1	1080	EXISTING LOAD	R	12	201	9	B	10	201	12	R	EXISTING LOAD	500	1
1	1080	EXISTING LOAD	R	12	201	11	C	12	201	12	R	EXISTING LOAD	1080	1
1	720	EXISTING LOAD	R	12	201	13	A	14	201	12	R	EXISTING LOAD	1080	1
1	1080	EXISTING LOAD	R	12	201	15	B	16	201	12	R	EXISTING LOAD	1080	1
1														



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

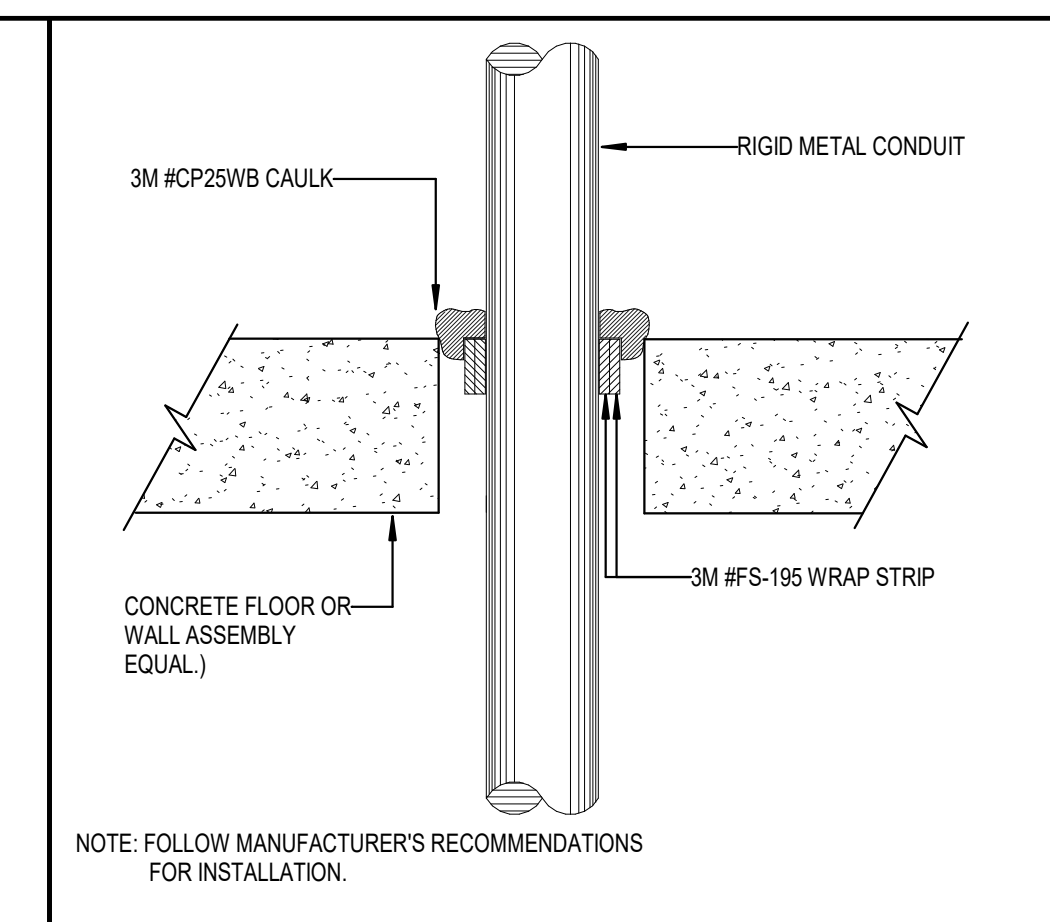
Director: Drawn By
 Approver: Author
 Designer: Quality Control
 Designer: Designer
 Proj. Arch.: Proj. Arch.
 Checker: Checker

PROJECT NO.
24-045.00

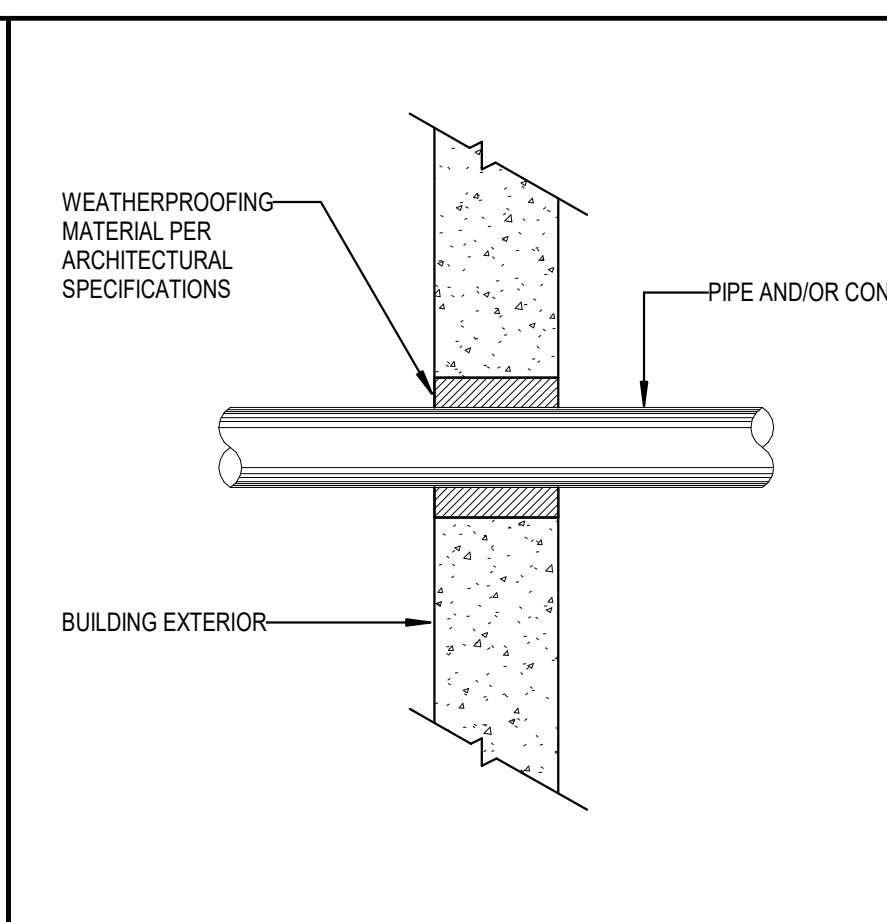
SHEET TITLE
**BAUE - ELECTRICAL
 DETAILS**

SHEET NO.

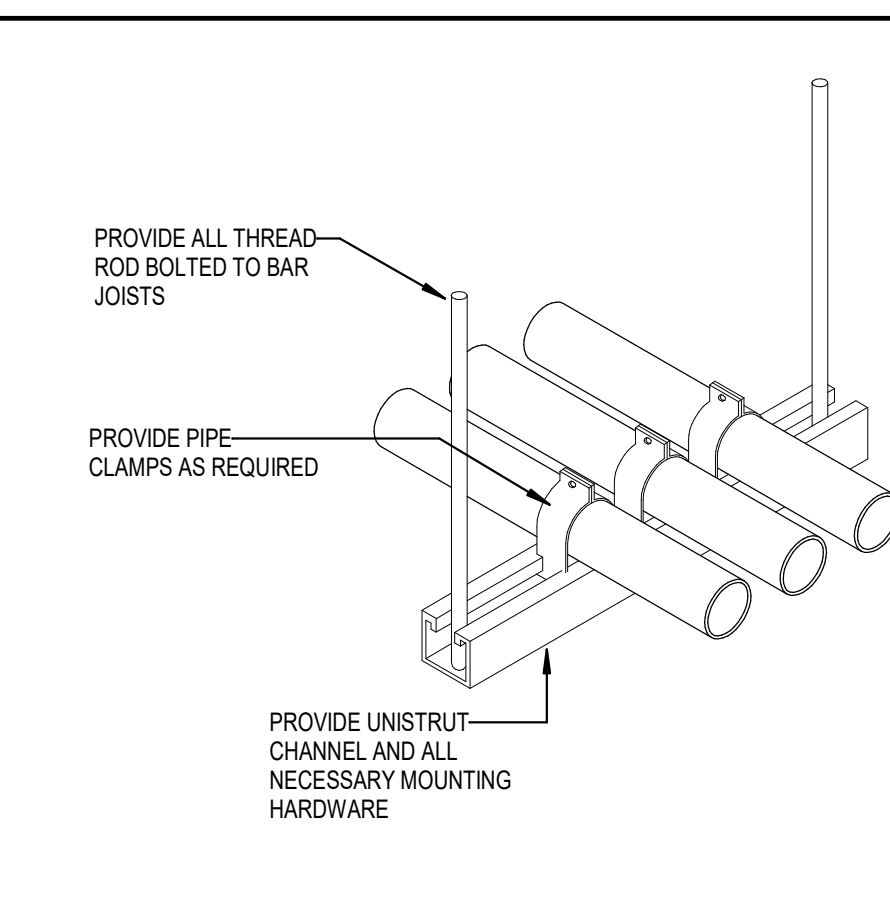
E17.13



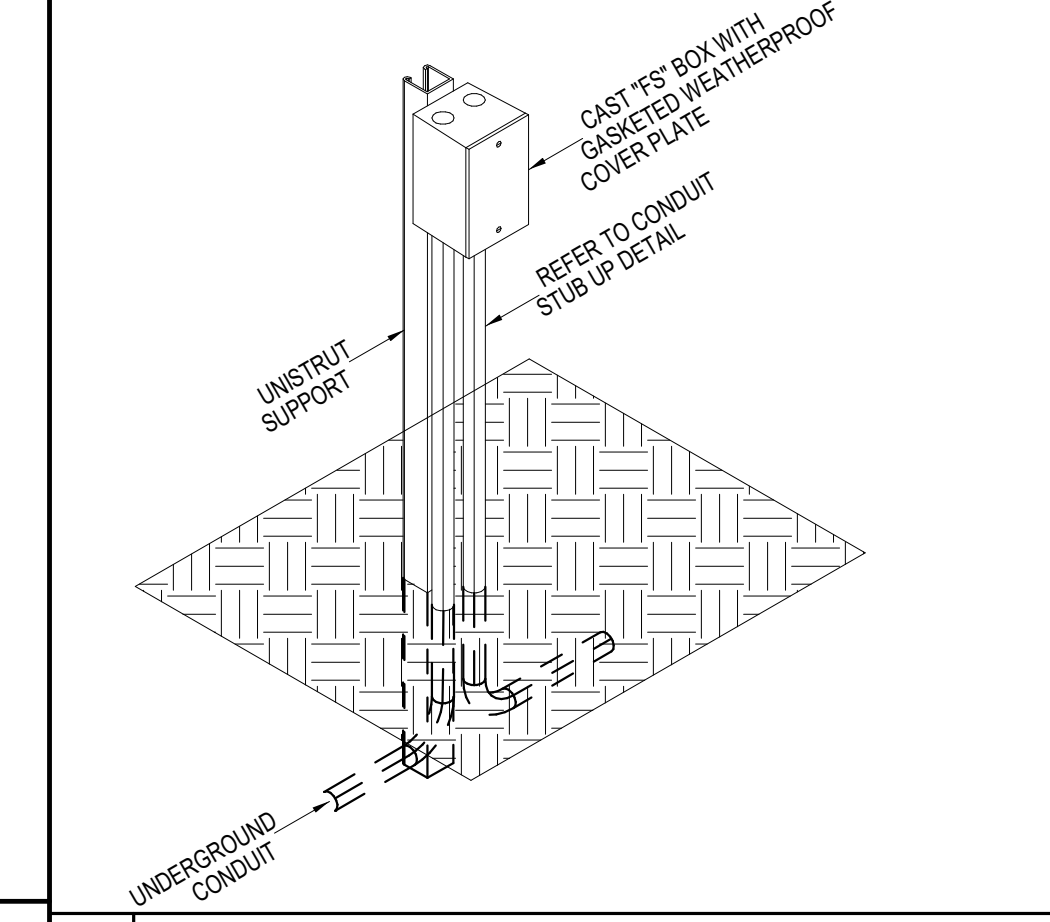
3 2, 3 AND 4 HR. PENETRATIONS FOR CONCRETE
 NOT TO SCALE



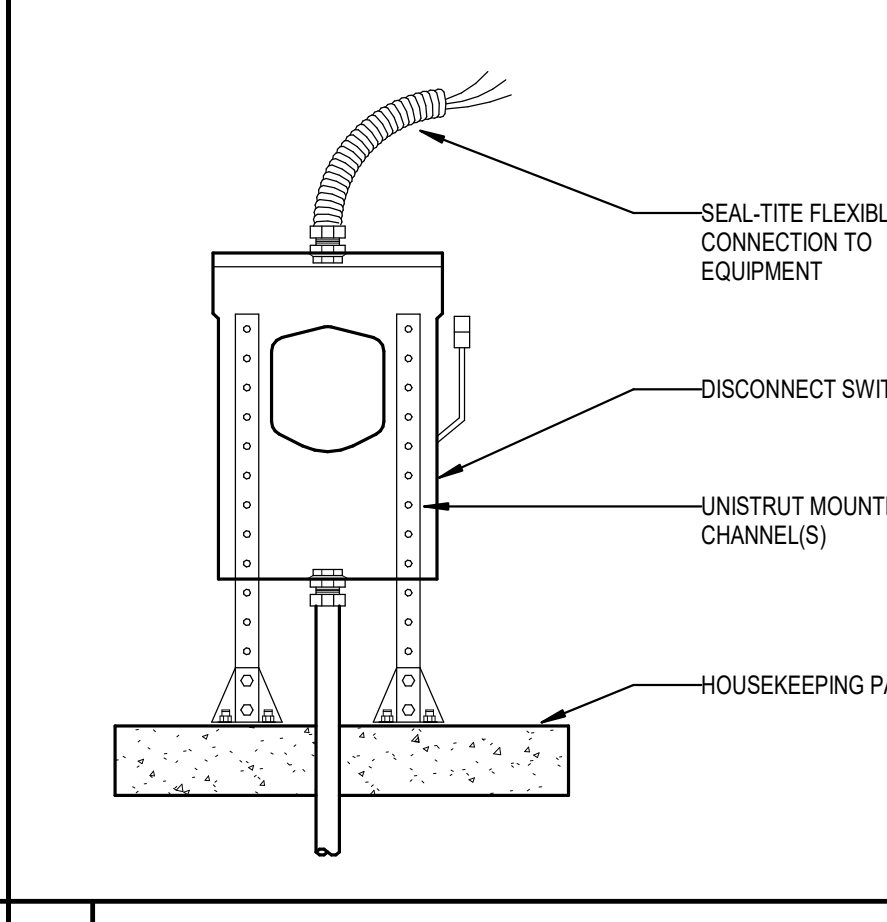
2 PIPE AND/OR CONDUIT PENETRATION
 NOT TO SCALE



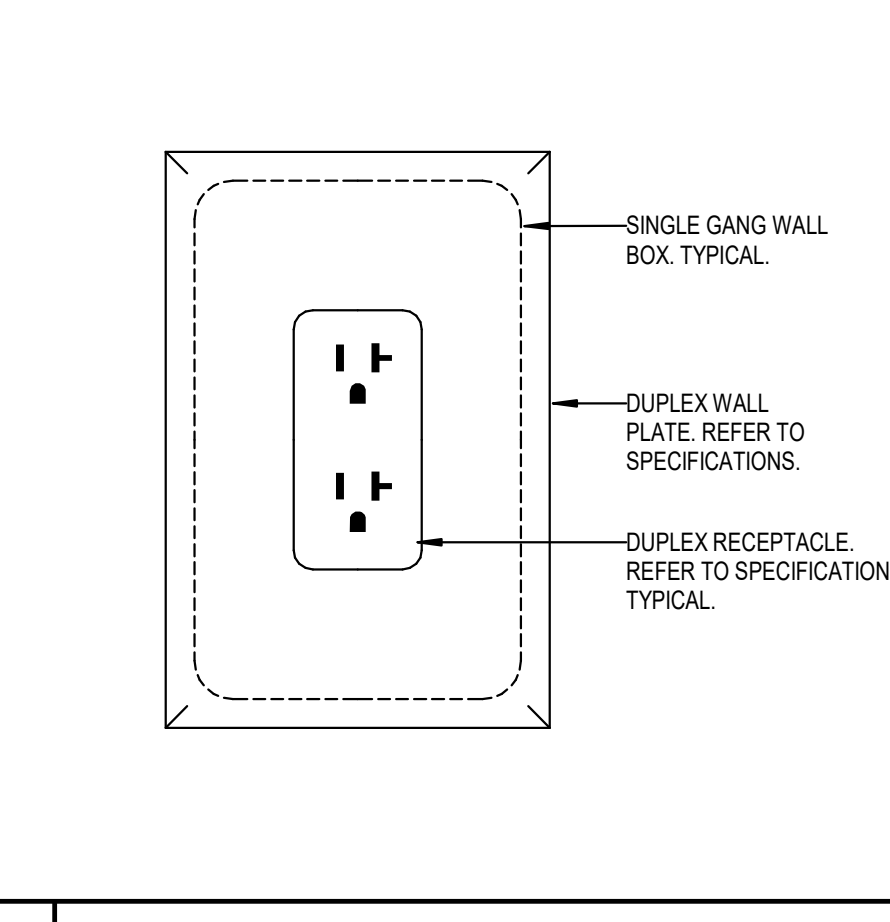
1 UNISTRUT CONDUIT DETAIL
 NOT TO SCALE



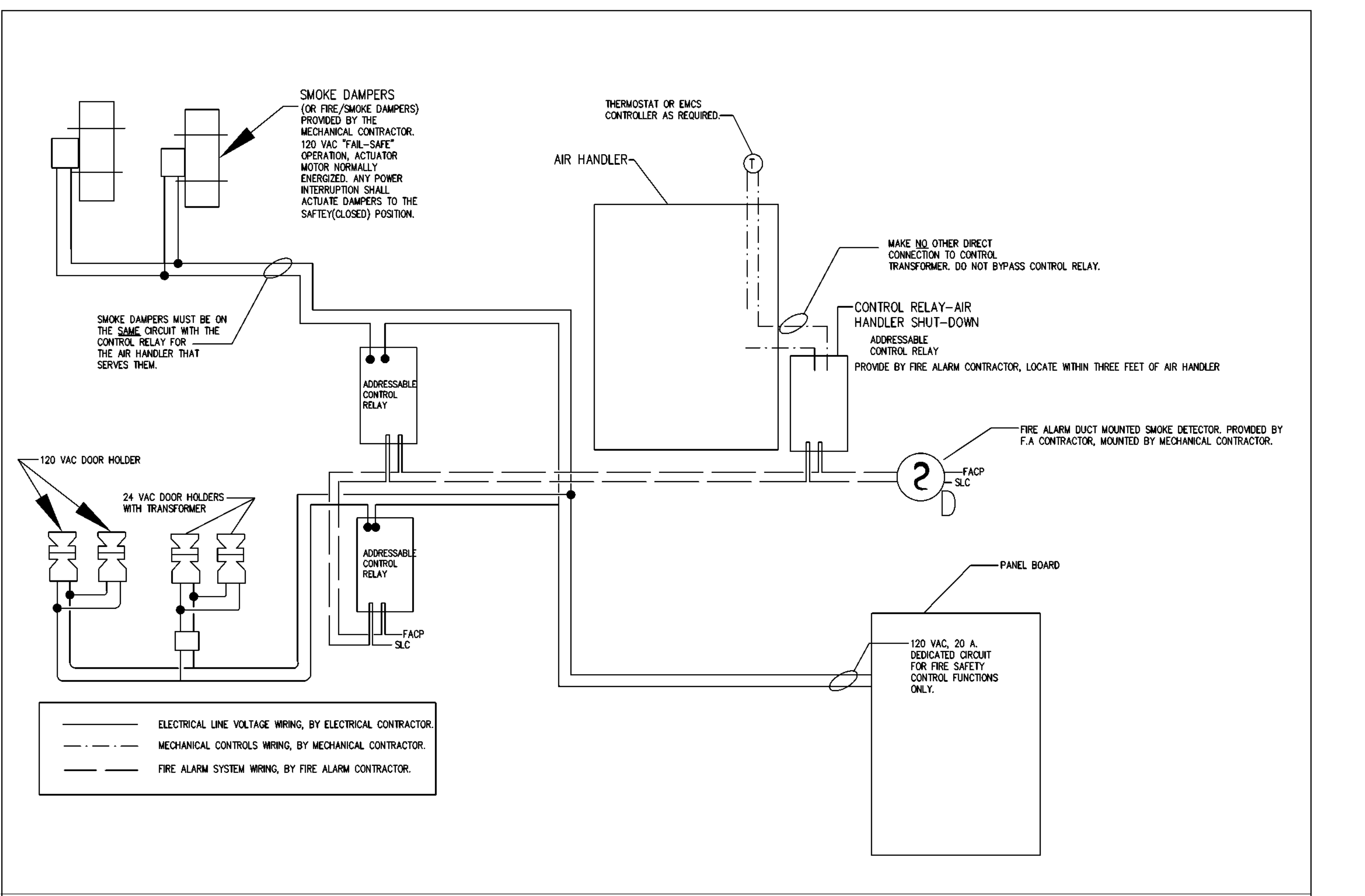
6 JUNCTION BOX MOUNTING
 NOT TO SCALE



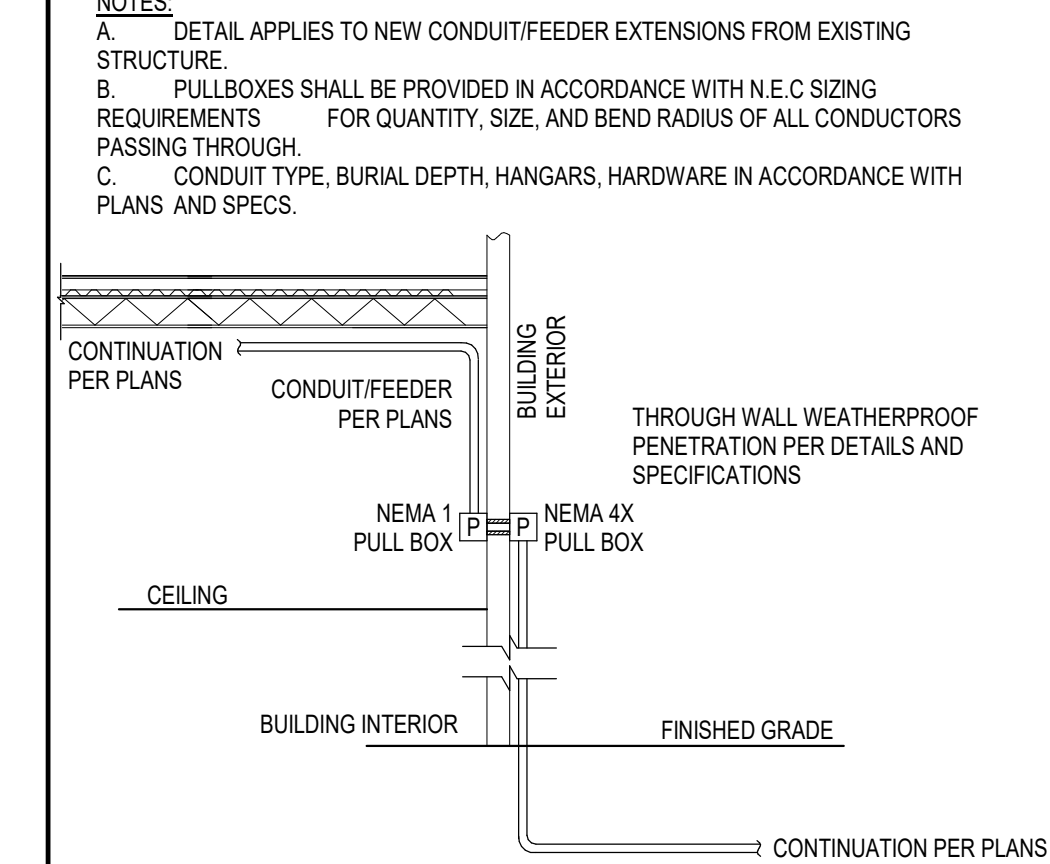
5 DISCONNECT SWITCH MOUNTING AT CONCRETE PAD
 NOT TO SCALE



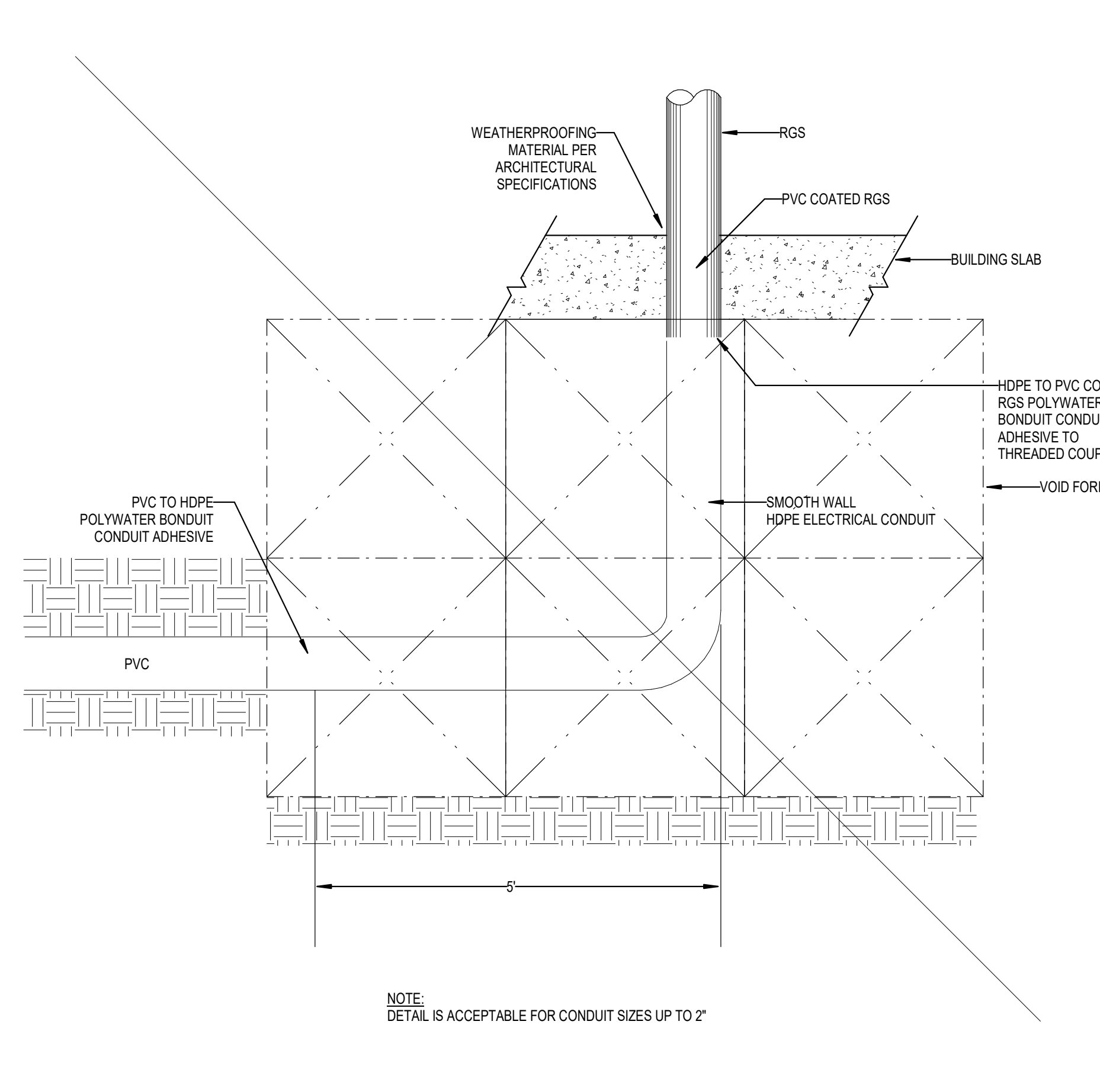
4 TYPICAL RECEPTACLE MOUNTING DETAIL
 NOT TO SCALE



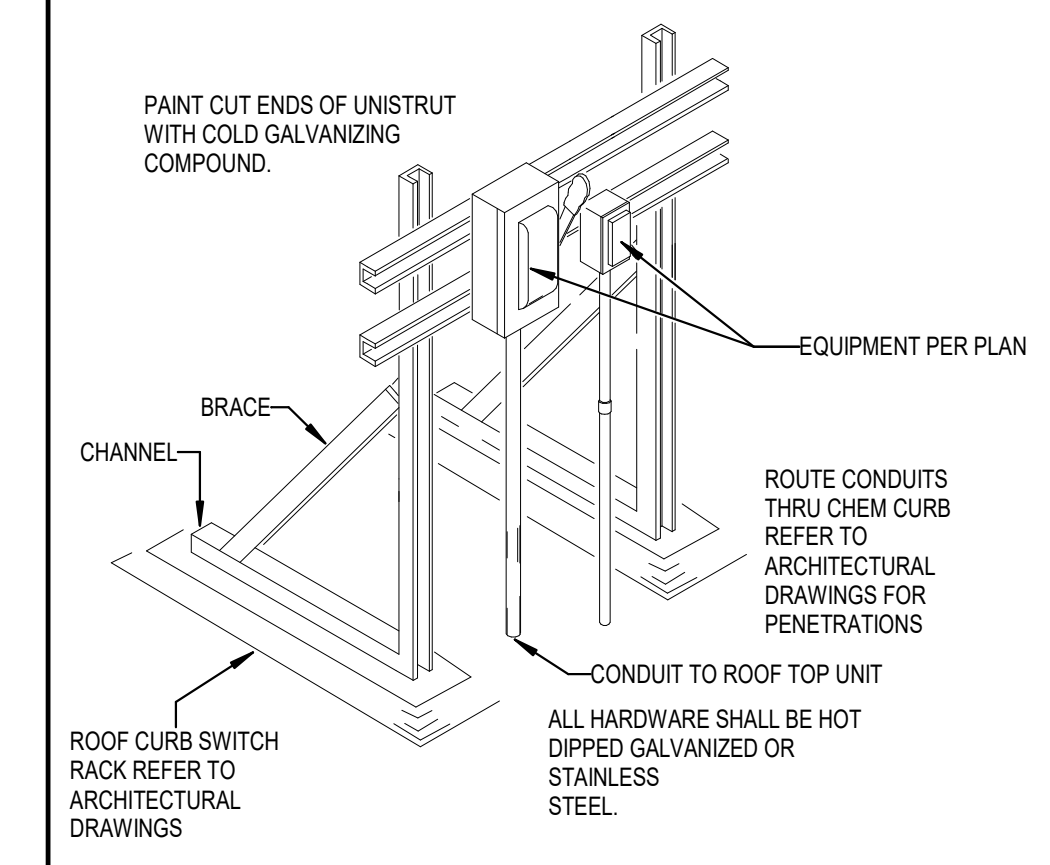
TYPICAL FIRE SAFETY CONTROL FUNCTIONS CIRCUIT WIRING DIAGRAM



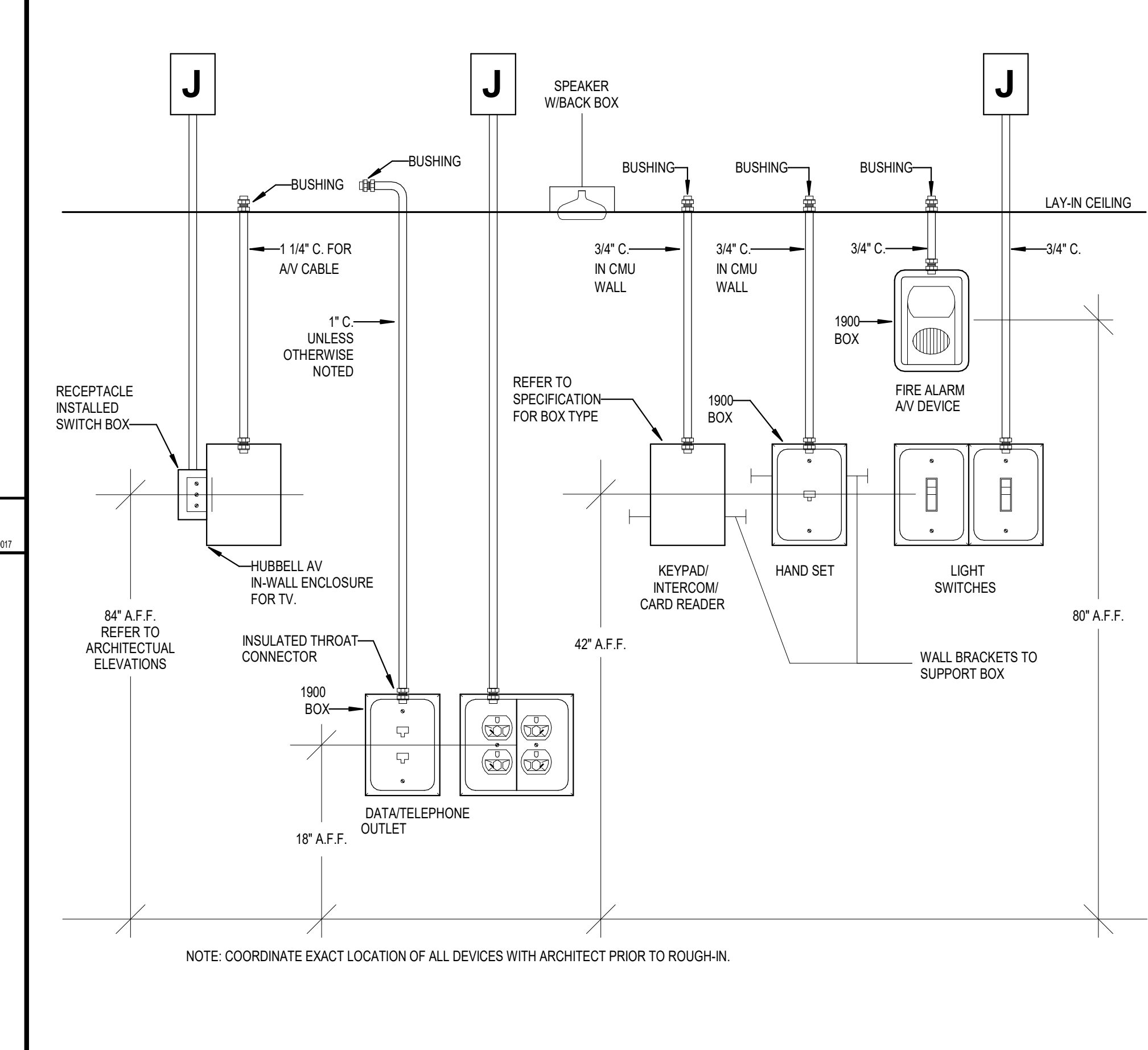
11 EXISTING BLDG PENETRATION DETAIL
 NOT TO SCALE



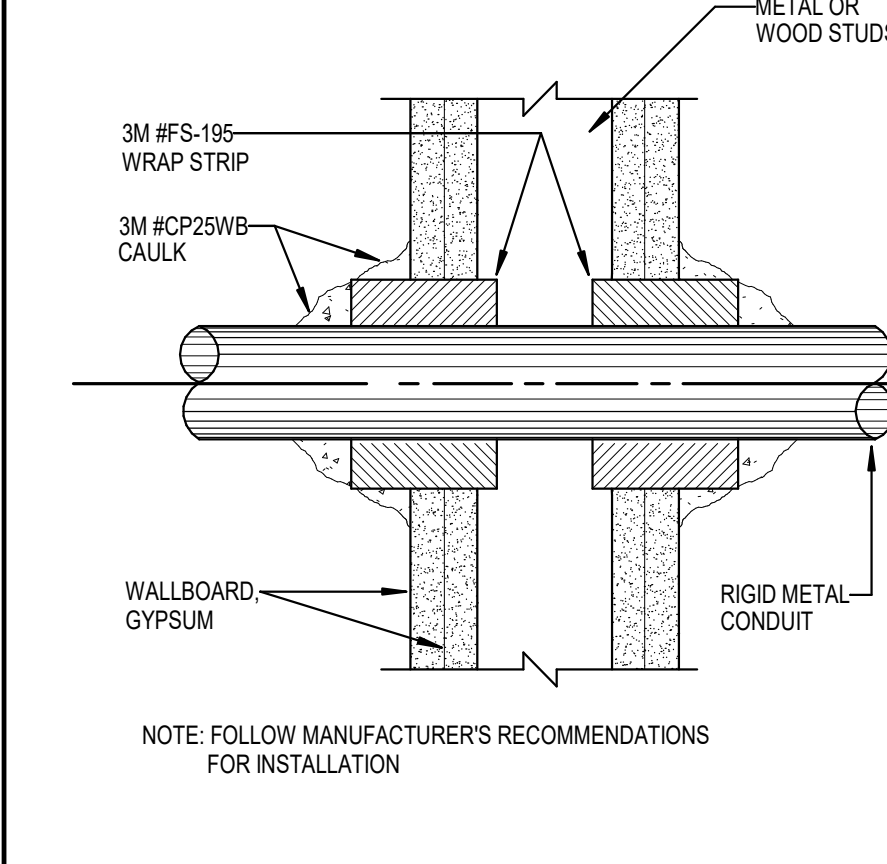
10 CONDUIT STUB-UP DETAIL
 NOT TO SCALE



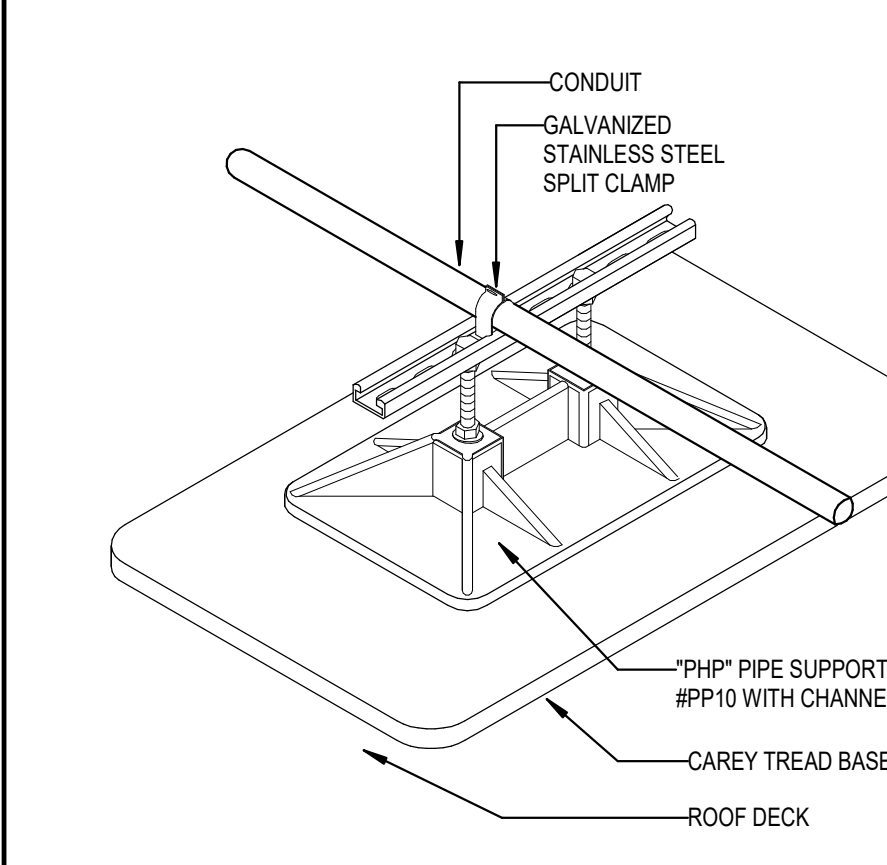
12 ROOF UNISTRUT RACK DETAIL
 NOT TO SCALE



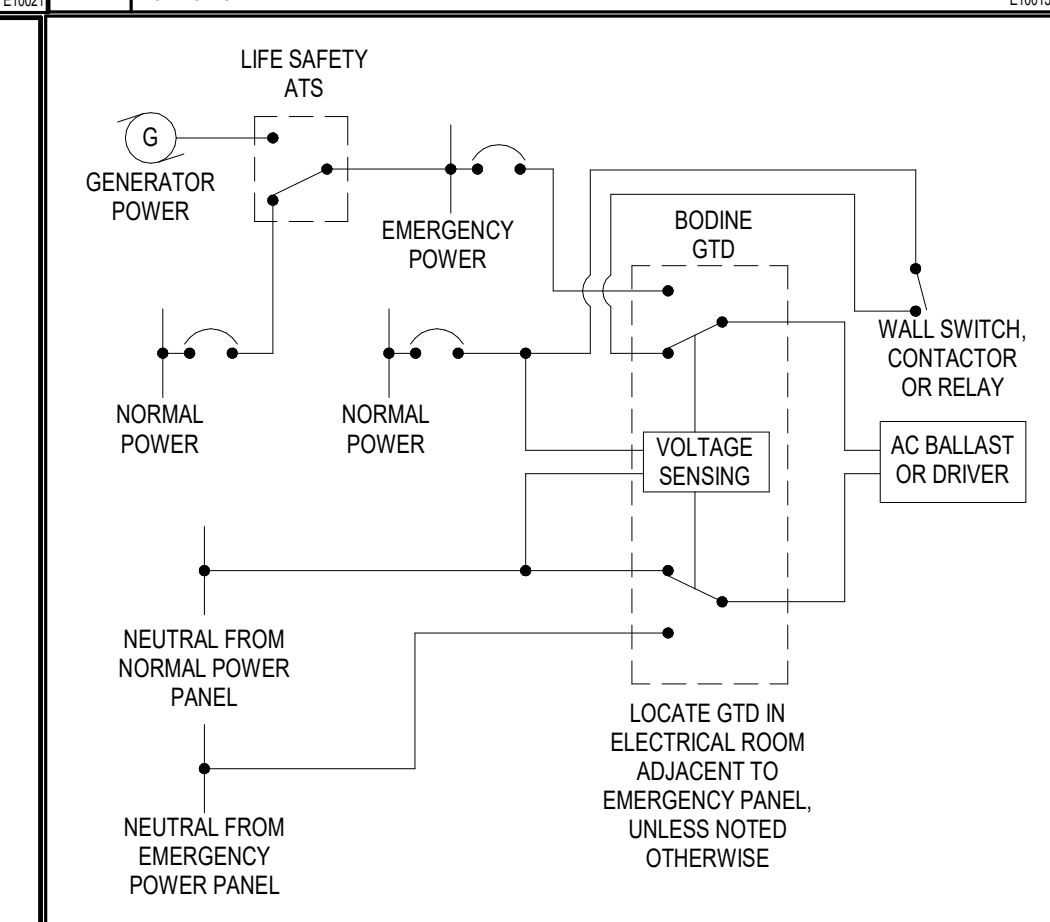
9 TYPICAL DEVICE ELEVATIONS
 NOT TO SCALE



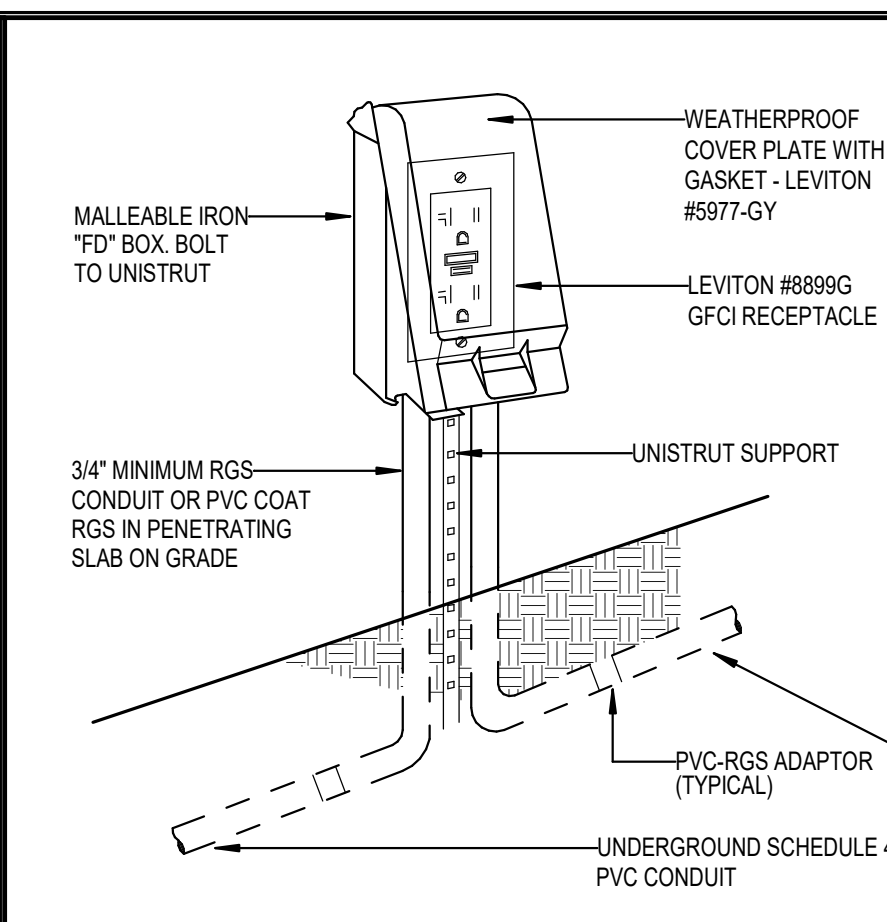
7 2 HR. GYPSUM WALLBOARD PIPE PENETRATION
 NOT TO SCALE



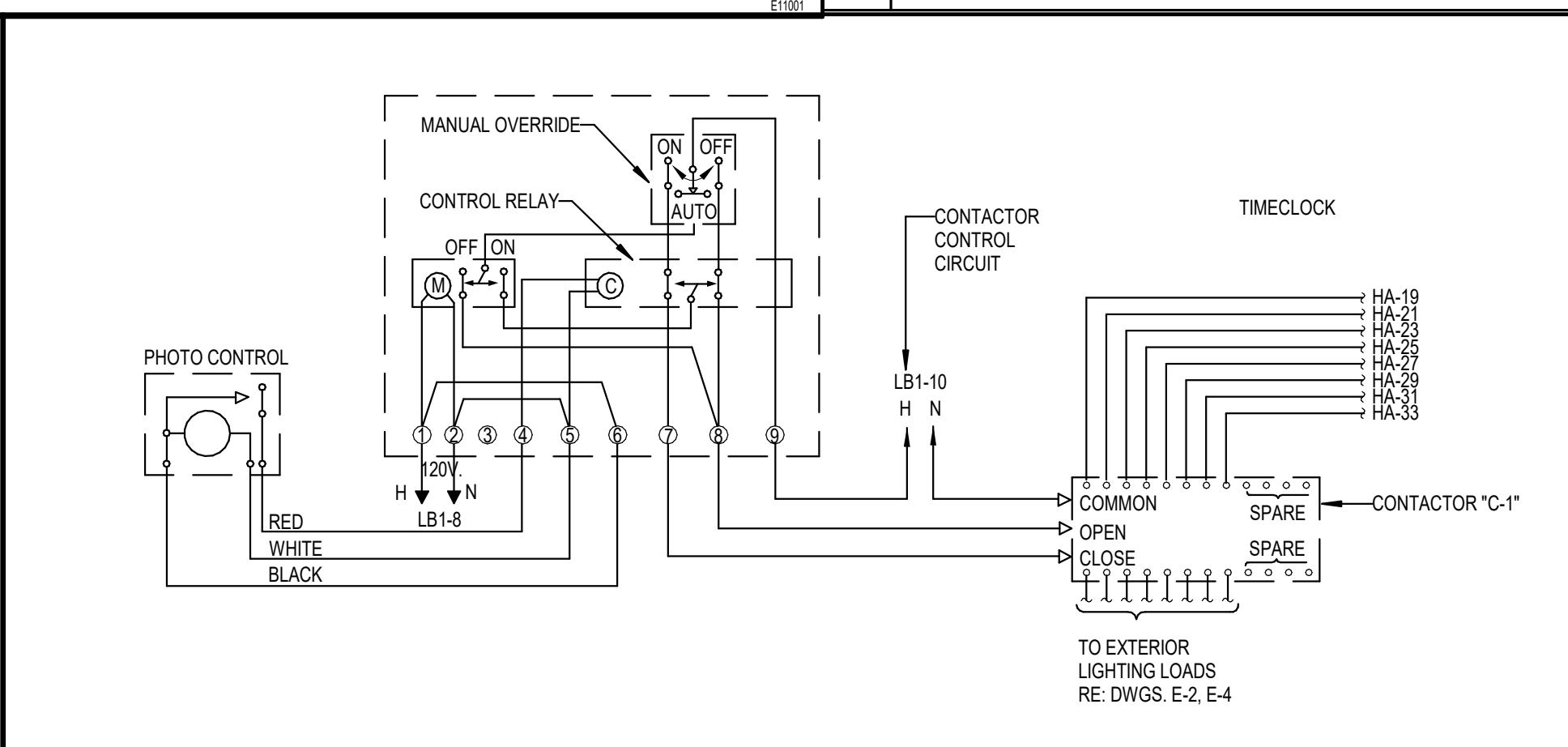
8 ROOF CONDUIT SUPPORT DETAIL
 NOT TO SCALE



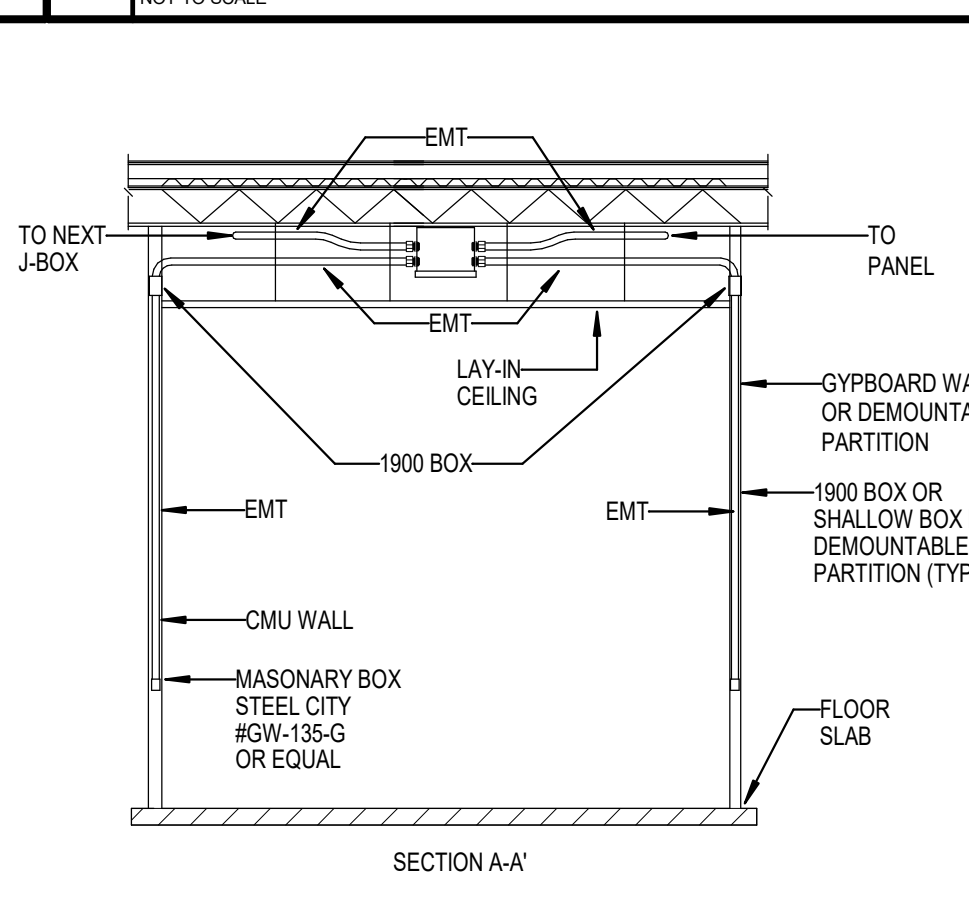
16 BODINE 20 AMP GTD DEVICE - UL 1008
 NOT TO SCALE



15 RECEPTACLE MOUNTING DETAIL
 NOT TO SCALE



14 EXTERIOR LIGHTING CONTROL
 NOT TO SCALE



13 TYPICAL RACEWAY CONFIGURATION
 NOT TO SCALE

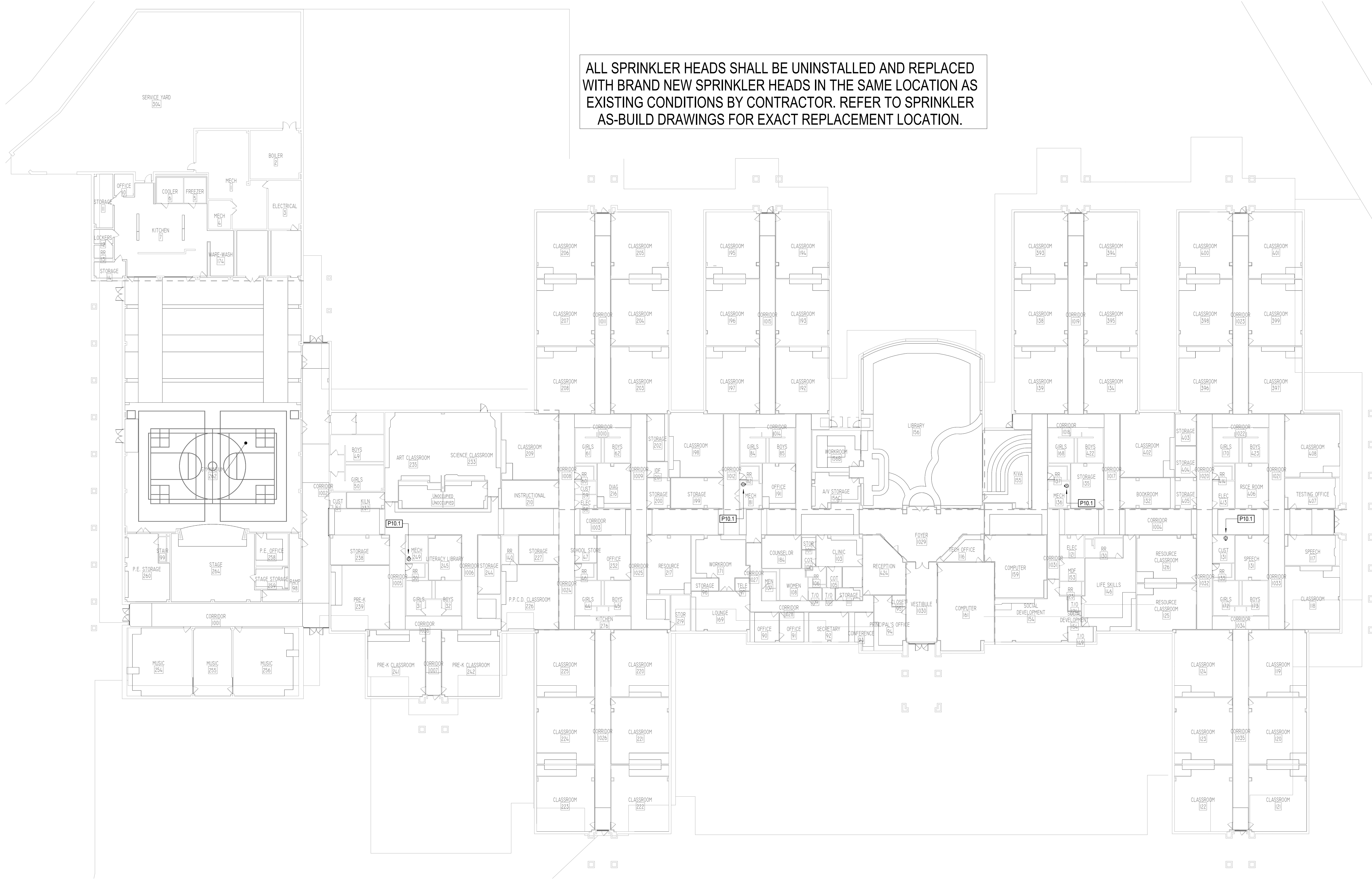


- THE SCOPE OF THE FIRE PROTECTION WORK SHALL INCLUDE:**
1. ONE FOR ONE REPLACEMENT OF ALL THE EXISTING FIRE SPRINKLER HEADS WITHIN THE BUILDING.
 2. PROVIDE NEW SPRINKLER GUARDS WHERE HEADS BEING REPLACED HAVE SUCH GUARDS AND WHERE NEW HEADS WILL BE SUBJECT TO DAMAGE AND REASONABLY REQUIRE SUCH PROTECTION.
 3. MAKE PIPING ADJUSTMENTS IF AND AS NECESSARY TO ACCOMMODATE SPRINKLER HEAD REPLACEMENT, CEILING REPLACEMENT, AND TO CORRECT ANY DEFICIENCIES IN SPRINKLER COVERAGE.
 4. ALL NEW SPRINKLER HEADS PROVIDED SHALL BE BY JOHNSON CONTROLS INTERNATIONAL PLC, TYCO GROUP. TYPICAL HEADS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO: SERIES TY-8, TY-FR8, EC-8, AND DS-1.
 5. ALL SPRINKLERS MUST BE PROVIDED IN ACCORDANCE WITH THEIR LISTING AT WITH TEMPERATURE RATINGS APPROPRIATE FOR THE AMBIENT TEMPERATURE.
 6. THE FINAL INSTALLATION SHALL BE COMPLIANT WITH ALL NFPA 13 AND LOCAL AHJ REQUIREMENTS.
 7. PROVIDE A HYDROSTATIC TEST OF THE SYSTEM IN ACCORDANCE WITH NFPA 13, CHAPTER 25 AFTER ALL NEW HEADS HAVE BEEN INSTALLED.
 8. SHOP DRAWINGS FROM THE ORIGINAL SYSTEM INSTALLATION ARE PROVIDED FOR REFERENCE AND AS AN AID IN BIDDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING CONDITIONS INCLUDING CURRENT SPACE LAYOUT AND SPRINKLER TYPES, LOCATIONS, AND QUANTITIES.
 9. IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL ASSIST THE OWNER BY IDENTIFYING ANY SPRINKLER SYSTEM ITEMS BEYOND THE INTENDED SCOPE WHICH ARE DEFICIENT, UNFIT FOR SERVICE, OR IN NEED OF REPAIR. THIS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE FOLLOWING: LEAKING OR DETERIORATED PIPING AND VALVES, IMPROPERLY SUPPORTED OR SAGGING PIPE, AND SYSTEM APPURTENANCES NOT FUNCTIONING AS INTENDED.
 10. ENSURE TO PROVIDE A MINIMUM OF SIX (6) SPARE SPRINKLER HEADS OF EACH TYPE AND TEMPERATURE RATING IN AN APPROPRIATELY SIZES SPARE SPRINKLER CABINET.

PLUMBING KEYED NOTES

P10.1 CONTRACTOR SHALL DISCONNECT ALL EXISTING PIPING CONNECTIONS AT EXISTING ELECTRIC WATER HEATER AND PREPARE FOR NEW ELECTRIC WATER HEATER IN SAME PLACE. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS BACK TO THE MAIN. RE: NEW PLANS.

ALL SPRINKLER HEADS SHALL BE UNINSTALLED AND REPLACED WITH BRAND NEW SPRINKLER HEADS IN THE SAME LOCATION AS EXISTING CONDITIONS BY CONTRACTOR. REFER TO SPRINKLER AS-BUILD DRAWINGS FOR EXACT REPLACEMENT LOCATION.



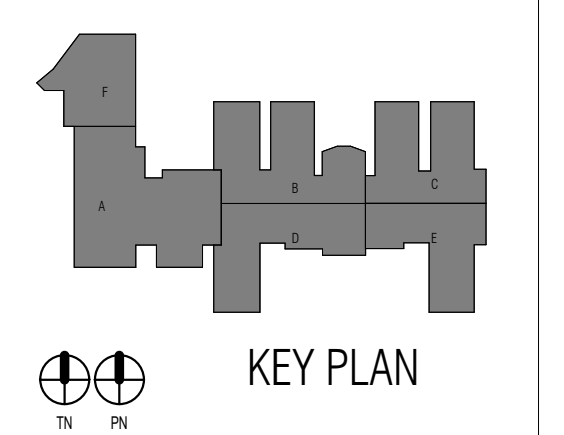
1 DEMO COMPOSITE PLUMBING PLAN - LEVEL ONE
 P12.00 1" = 20'-0"



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CCISD PROJECT NO:
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Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.
 24-045.00
 SHEET TITLE
 BAUE - DEMO COMPOSITE
 PLUMBING PLAN
 SHEET NO.

P12.00

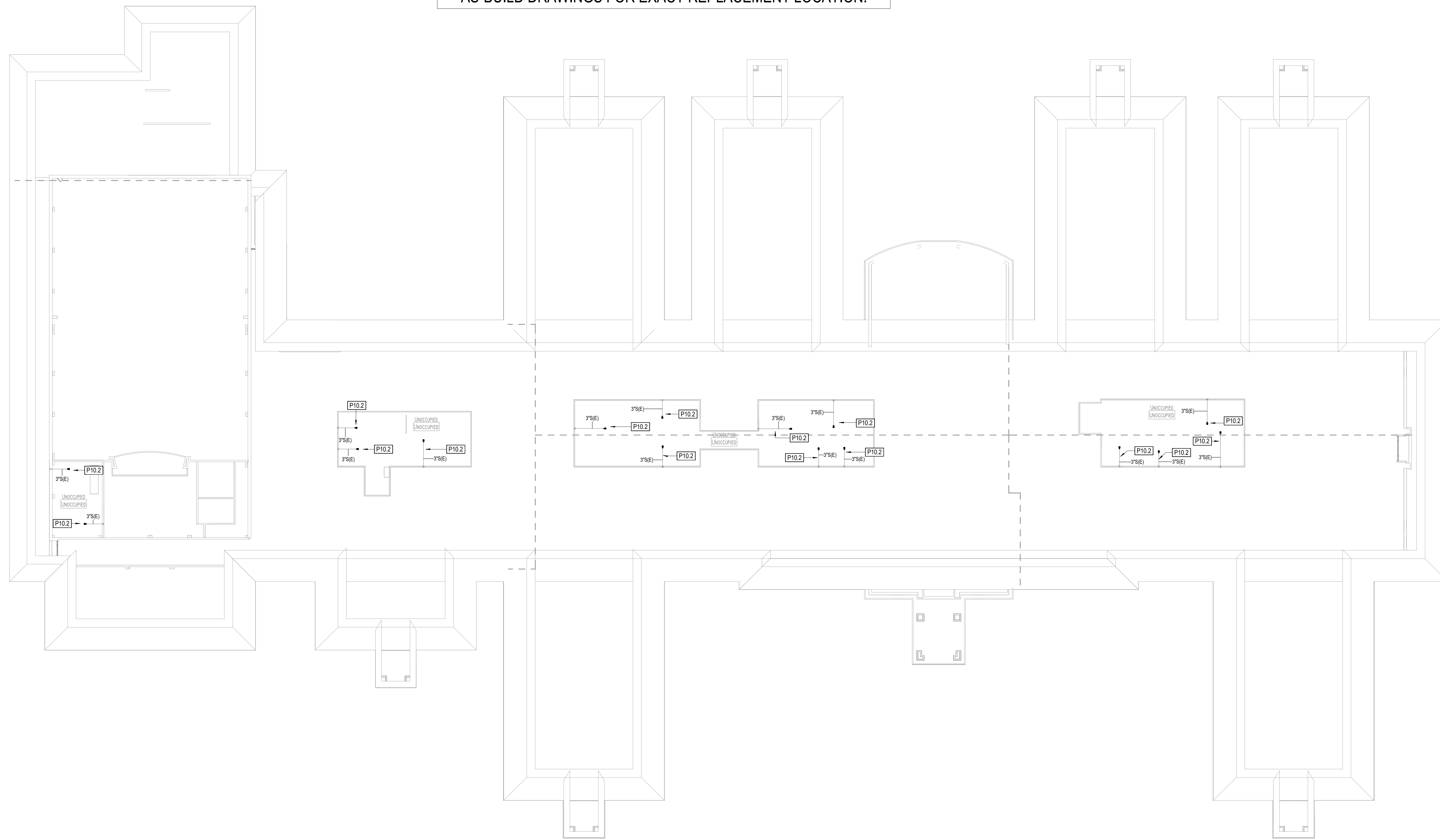


CCISD Priority Repairs - BAUE GILE WEBE

- THE SCOPE OF THE FIRE PROTECTION WORK SHALL INCLUDE:**
- ONE FOR ONE REPLACEMENT OF ALL THE EXISTING FIRE SPRINKLER HEADS WITHIN THE BUILDING.
 - PROVIDE NEW SPRINKLER GUARDS WHERE HEADS BEING REPLACED HAVE SUCH GUARDS AND WHERE NEW HEADS WILL BE SUBJECT TO DAMAGE AND REASONABLY REQUIRE SUCH PROTECTION.
 - MAKE PIPING ADJUSTMENTS IF AND AS NECESSARY TO ACCOMMODATE SPRINKLER HEAD REPLACEMENT, CEILING REPLACEMENT, AND TO CORRECT ANY DEFICIENCIES IN SPRINKLER COVERAGE.
 - ALL NEW SPRINKLER HEADS PROVIDED SHALL BE BY JOHNSON CONTROLS INTERNATIONAL PLC, TYCO GROUP. TYPICAL HEADS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO SERIES TY-8, TY-FRS, EC-8, AND DS-1.
 - ALL SPRINKLERS MUST BE PROVIDED IN ACCORDANCE WITH THEIR LISTING AT WITH TEMPERATURE RATINGS APPROPRIATE FOR THE AMBIENT TEMPERATURE.
 - THE FINAL INSTALLATION SHALL BE COMPLIANT WITH ALL NFPA 13 AND LOCAL AHJ REQUIREMENTS.
 - PROVIDE A HYDROSTATIC TEST OF THE SYSTEM IN ACCORDANCE WITH NFPA 13, CHAPTER 20 AFTER ALL NEW HEADS HAVE BEEN INSTALLED.
 - SHOP DRAWINGS FROM THE ORIGINAL SYSTEM INSTALLATION ARE PROVIDED FOR REFERENCE AND AS AN AID IN BIDDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING CONDITIONS INCLUDING CURRENT SPACE LAYOUT AND SPRINKLER TYPES, LOCATIONS, AND QUANTITIES.
 - IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL ASSIST THE OWNER BY IDENTIFYING ANY SPRINKLER SYSTEM ITEMS BEYOND THE INTENDED SCOPE WHICH ARE DEFICIENT, UNFIT FOR SERVICE, OR IN NEED OF REPAIR. THIS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE FOLLOWING: LEAKING OR DETERIORATED PIPING AND VALVES, IMPROPERLY SUPPORTED OR SAGGING PIPE, AND SYSTEM APPURTENANCES NOT FUNCTIONING AS INTENDED.
 - ENSURE TO PROVIDE A MINIMUM OF SIX (6) SPARE SPRINKLER HEADS OF EACH TYPE AND TEMPERATURE RATING IN AN APPROPRIATELY SIZED SPARE SPRINKLER CABINET.

PLUMBING KEYED NOTES
P10.2 DEMOLISH ENTIRE EXISTING FLOOR DRAIN ASSEMBLY AND DRAIN LINE BACK TO WALL. RE-NEW PLANS.

ALL SPRINKLER HEADS SHALL BE UNINSTALLED AND REPLACED WITH BRAND NEW SPRINKLER HEADS IN THE SAME LOCATION AS EXISTING CONDITIONS BY CONTRACTOR. REFER TO SPRINKLER AS-BUILD DRAWINGS FOR EXACT REPLACEMENT LOCATION.



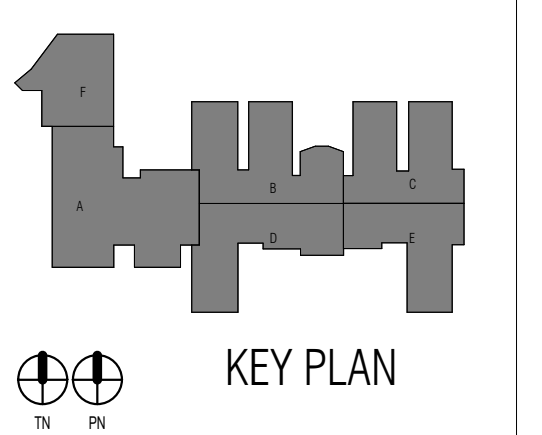
1 DEMO COMPOSITE PLUMBING PLAN - LEVEL TWO
P12.01 1" = 20'-0"

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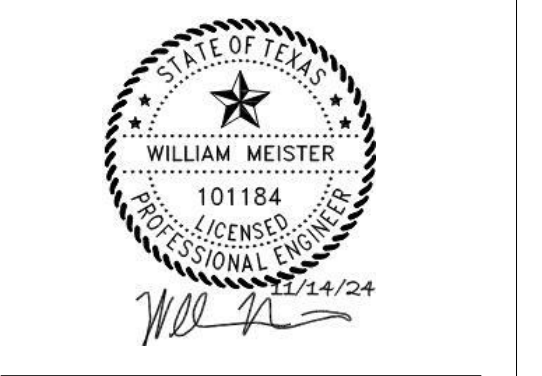
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CCISD PROJECT NO:
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CCISD Priority Repairs - BAUE GILE WEBE



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Approver
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Designer
Proj. Arch.
DBR

Drawn By
DBR
Quality Control

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SHEET TITLE
BAUE - DEMO COMPOSITE PLUMBING PLAN - MEZZANINE

SHEET NO.



P12.01

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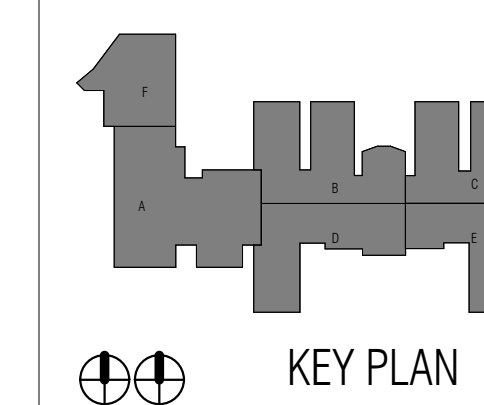
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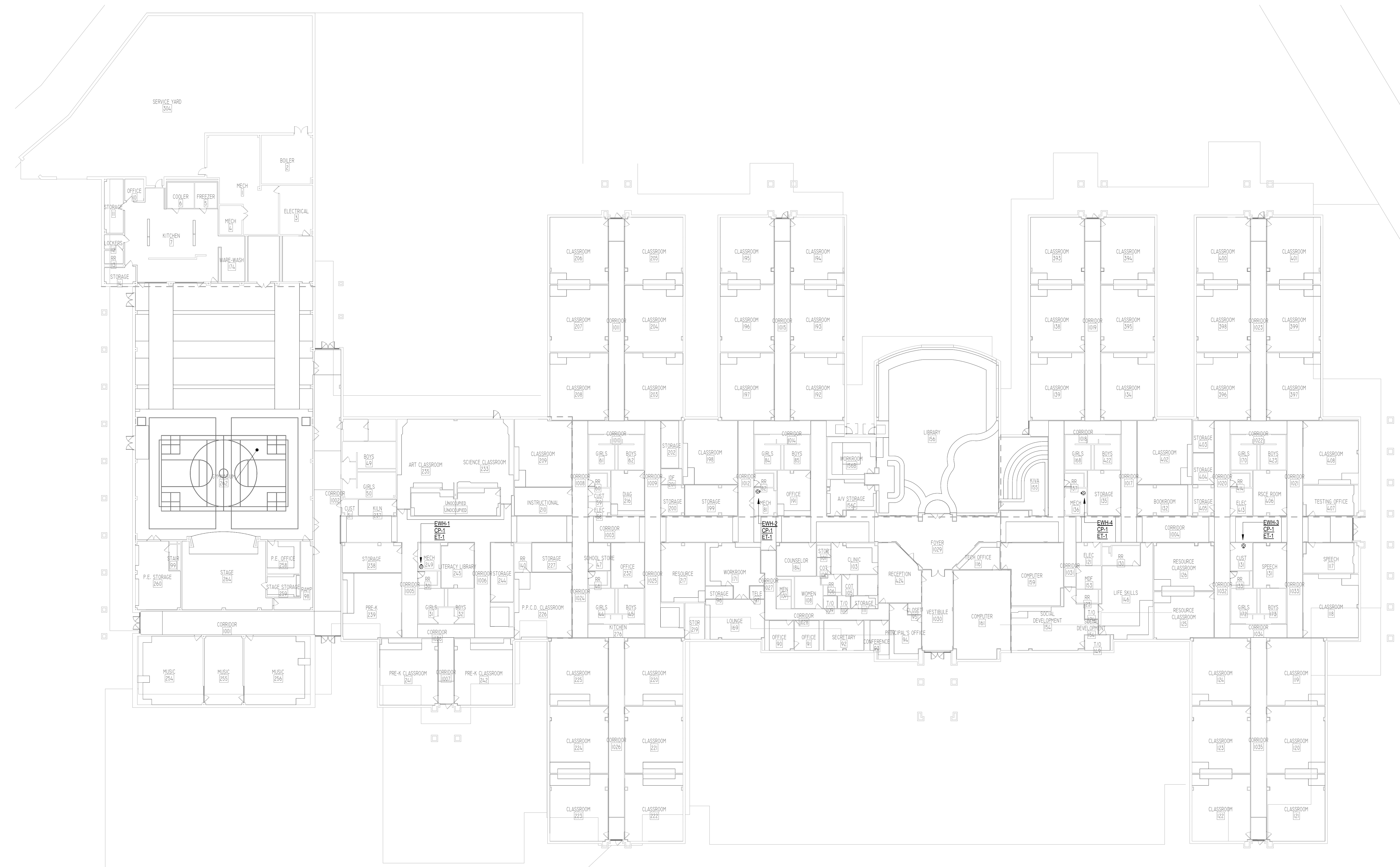
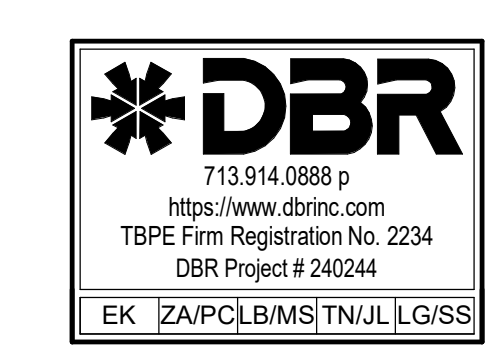
24-045.00

SHEET TITLE

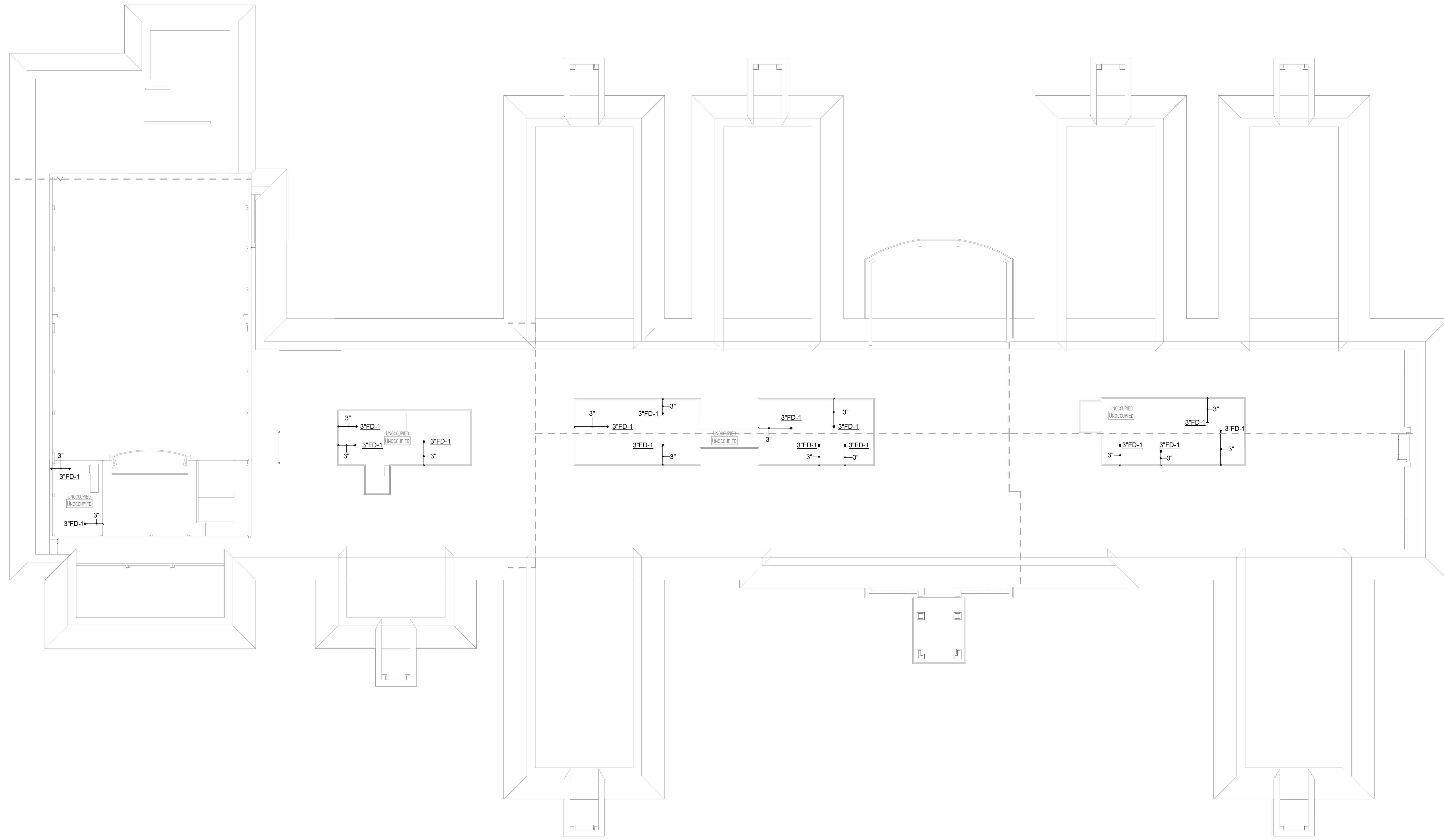
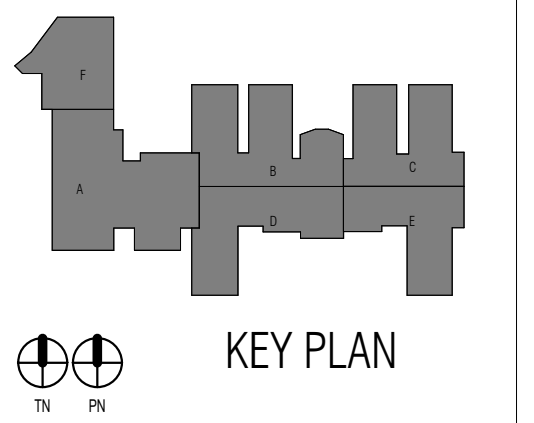
BAUE - COMPOSITE PLUMBING PLAN

SHEET NO.

P12.10



1 COMPOSITE PLUMBING PLAN - LEVEL ONE
 P12.10 1" = 20'-0"



1 COMPOSITE PLUMBING PLAN - LEVEL TWO
 P12.11 1" = 20'-0"



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SHEET TITLE
 BAUE - COMPOSITE
 PLUMBING PLAN -
 MEZZANINE

SHEET NO.

P12.11



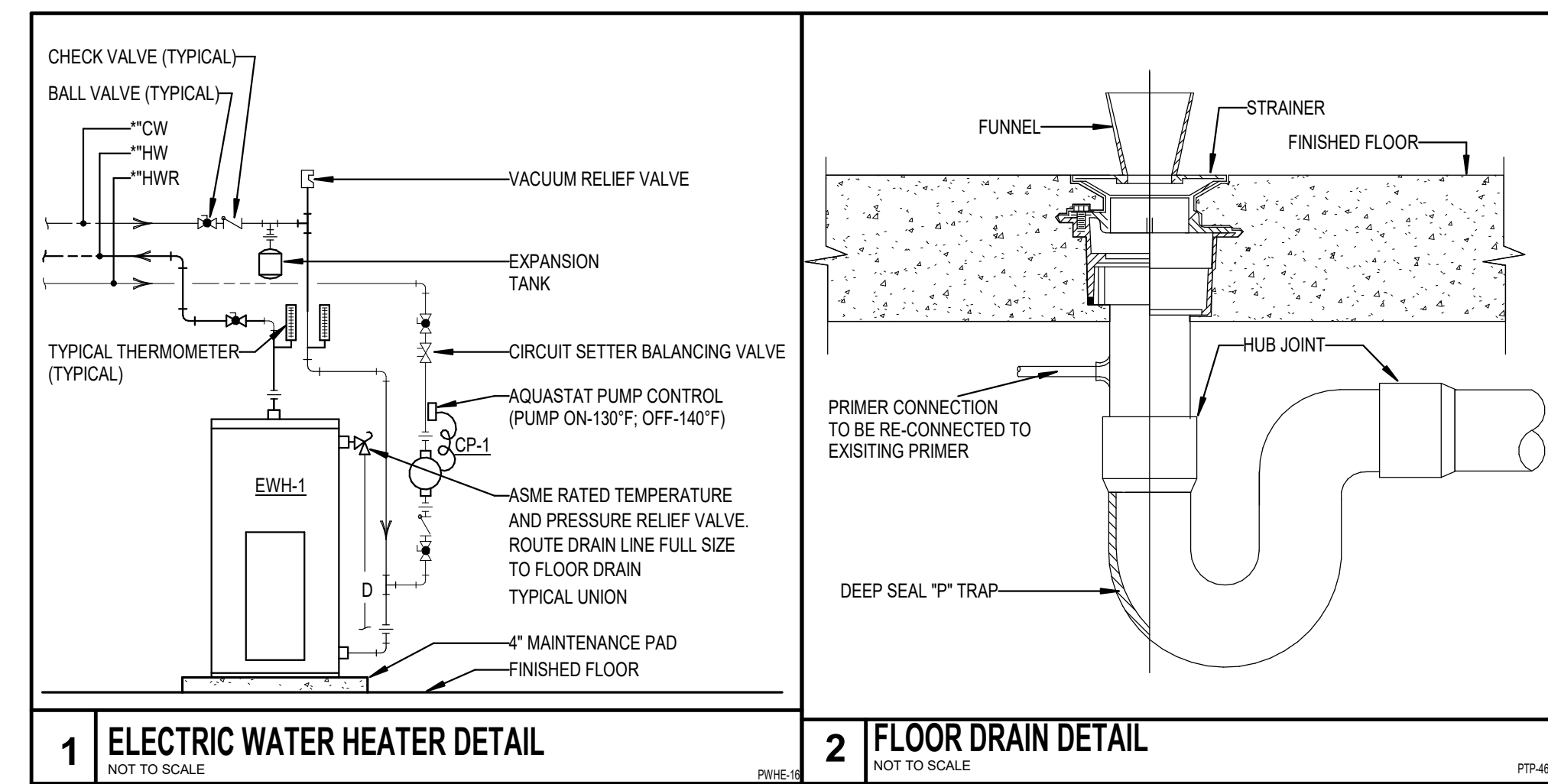
ELECTRIC WATER HEATER SCHEDULE													
PLAN MARK	MANUFACTURER	MODEL #	TYPE	FUEL	GALLONS	CW INLET	HW OUTLET	GPH RECOVERY @ 80° TEMP RISE	STANDBY LOSS (%/hour)	ELECTRICAL REQUIREMENTS			
										VOLTS (V)	PHASE	KW	AMPS
ELECTRIC WATER HEATER EWH-1	STATE	PCE 40 20LSA	STORAGE TANK	ELECTRIC	40	3/4"	3/4"	31	0.87	480	3	8.0	9.6
ELECTRIC WATER HEATER EWH-2	STATE	PCE 40 20LSA	STORAGE TANK	ELECTRIC	40	3/4"	3/4"	31	0.87	480	3	8.0	9.6
ELECTRIC WATER HEATER EWH-3	STATE	PCE 20 10MSA	STORAGE TANK	ELECTRIC	20	3/4"	3/4"	31	0.87	277	1	4.0	14.4
ELECTRIC WATER HEATER EWH-4	STATE	PCE 20 10MSA	STORAGE TANK	ELECTRIC	20	3/4"	3/4"	31	0.87	277	1	4.0	14.4

NOTES:
1. PROVIDE WITH WALL MOUNTED WATER HEATER PLATFORM.
2. PROVIDE ASME TEMPERATURE AND PRESSURE RELIEF VALVE, AND DUAL THERMOMETER IN HW OUTLET PIPING
3. FOR POWER AS SCHEDULED ON ELECTRICAL DRAWINGS, VERIFY WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.

PLAN MARK	MANUFACTURER	MODEL #	DESCRIPTION	ELECTRICAL REQUIREMENTS			
				VOLTS (V)	PHASE	KW	HP
CIRCULATION PUMP CP-1 (EWH-1)	GRUNDFOS	UP26-96SF	ALL STAINLESS STEEL FLANGED PUMP, 1/25 HP WIRED FOR POWER AS SCHEDULED ON ELECTRICAL DRAWINGS AND FITTED WITH REMOTE HEAT SENSING AQUASTAT CONTROLLER, CONTROLLED BY ELECTRICAL CONTRACTOR, DESIGNED AT 15 FT HEAD LOSS.	115	1	85 W	0.04
THERMAL EXPANSION TANK ET-1	AMTROL	THERM-X-TROL MODEL ST-5-C	ASME THERMAL EXPANSION ABSORBERS, SAFETY RELIEF VALVE, MAXIMUM WORKING PRESSURE 150 PSIG, TOTAL VOLUME 2.0 GALLONS.	--	--	--	--

PLUMBING FIXTURE SCHEDULE					
PLAN MARK	MINIMUM ROUGH-IN SIZES				DESCRIPTION
	WASTE & VENT	CW	HW		
FLOOR DRAIN FD-1	3"	2"	--	--	ZURN No. ZN-415 CAST IRON DRAIN WITH 2" DIAMETER TYPE 'E' STRAINER, TRAP PRIMER CONNECTION AND 4" DIAMETER FUNNEL GRATE. FOR FLOOR DRAIN BODY POURED IN CONCRETE SLAB PROVIDE ZURN Z1023 TRAP PRIMER EXTENSION.

* - REFER TO DRAWINGS FOR SIZING.
GENERAL NOTES:
1. FOR ALL SUPPLY STOPS AND TRIM REFER TO THE PLUMBING FIXTURE SUPPLIES AND TRIM SCHEDULE.
2. FOR MOUNTING HEIGHTS OF INDIVIDUAL FIXTURES, REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
3. CONTRACTOR TO COORDINATE LOCATION OF DRAINS AND FLOOR SINKS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.



GENERAL PLUMBING NOTES: (RENOVATION FIRE SPRINKLER SYSTEM GENERAL NOTES)

- THE PROJECT IS A RENOVATION TO AN EXISTING BUILDING. THE SCOPE OF WORK INCLUDES MODIFICATION OF THE EXISTING AND/OR PROVISION OF A NEW AUTOMATIC FIRE SPRINKLER SYSTEM AS INDICATED IN GENERAL ON THE DRAWINGS.
- ALL FIRE SPRINKLER SYSTEM WORK SHALL BE COORDINATED WITH BOTH THE NEW AND EXISTING CONDITIONS AND PROVIDED ACCORDINGLY.
- THE SIZES, ROUTING/RE-ROUTING, REMOVAL AND INSTALLATION OF FIRE SPRINKLER MAINS, RISERS, BRANCH LINES, SPRINKLER HEADS, AND DRAIN LINES SHALL BE PROVIDED AS NECESSARY PER THE OVERALL PROJECT SCOPE OF WORK AND THE ABOVE-CEILING CONDITIONS.
- ANY SPECIFIC AREAS AND/OR CONDITIONS WHICH MAY BE NOTED ON THE DRAWINGS ARE INTENDED ONLY AS AN AID TO THE FIRE PROTECTION CONTRACTOR. ALL INFORMATION MUST BE VERIFIED IN THE FIELD. ALL NECESSARY LOCATIONS FOR SPRINKLER WORK AND ALL PERTINENT CONDITIONS MAY NOT BE NOTED ON THE DRAWINGS.
- NEW AND EXISTING STRUCTURAL MEMBERS, DUCTWORK AND AIR DEVICES, SUSPENDED HVAC EQUIPMENT, HYDRONIC PIPING, CONDUIT, LIGHT FIXTURES, SUSPENDED ELECTRICAL EQUIPMENT, PLUMBING PIPING, SUSPENDED PLUMBING EQUIPMENT, AND LOW VOLTAGE DEVICES AND SUSPENDED EQUIPMENT ABOVE CEILING SHALL BE ACCOUNTED FOR.
- NEW AND EXISTING CEILING HEIGHTS, TYPES, AND ASSEMBLIES SHALL BE ACCOUNTED FOR.
- OTHERWISE FUNCTIONAL AND COMPLIANT EXISTING FIRE SPRINKLER SYSTEM PIPING, SPRINKLER HEADS, HANGERS AND SUPPORTS MAY NEED TO BE REMOVED TO ACCOMMODATE OTHER WORK BEING PROVIDED IN THE AVAILABLE ABOVE-CEILING SPACE. IN SUCH CASES, NEW AND ADDITIONAL SPRINKLER SYSTEM MATERIAL SHALL BE PROVIDED IN ALTERNATIVE LOCATIONS AS NECESSARY. ENSURE THAT PROPER SPRINKLER SPACING, COVERAGE AND PROTECTION IS MAINTAINED/PROVIDED.
- THE FIRE SPRINKLER SYSTEM PIPE SIZING, ROUTING, AND HYDRAULIC CALCULATIONS SHALL TAKE INTO ACCOUNT THE AVAILABLE ABOVE-CEILING SPACE AND SYSTEM WATER SUPPLY.
- THE FIRE SPRINKLER SYSTEM WATER SUPPLY SHALL BE VERIFIED AS NECESSARY AND IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
- FOR ANY SPRINKLERS INTENDED FOR REMOVAL, RELOCATION, AND RE-USE, THIS SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND LATEST NFPA 13 REQUIREMENTS. SPRINKLERS SHALL NOT BE RE-USED IF TORQUE HAS BEEN APPLIED DIRECTLY TO THE WRENCH BOSS OF THE SPRINKLER DURING ITS REMOVAL. IF REMOVAL OF A SPRINKLER REQUIRES APPLYING TORQUE TO THE SPRINKLER ITSELF, THEN IT SHALL BE CONSIDERED DAMAGED AND A NEW, LIKE SPRINKLER SHALL BE PROVIDED.



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Approver DBR
Designer Quality Control
Designer
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SHEET TITLE

BAUE - PLUMBING SCHEDULES AND DETAILS

SHEET NO.

P12.50



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CCISD PROJECT NO:
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CCISD Priority Repairs - BAUE GILE WEBE



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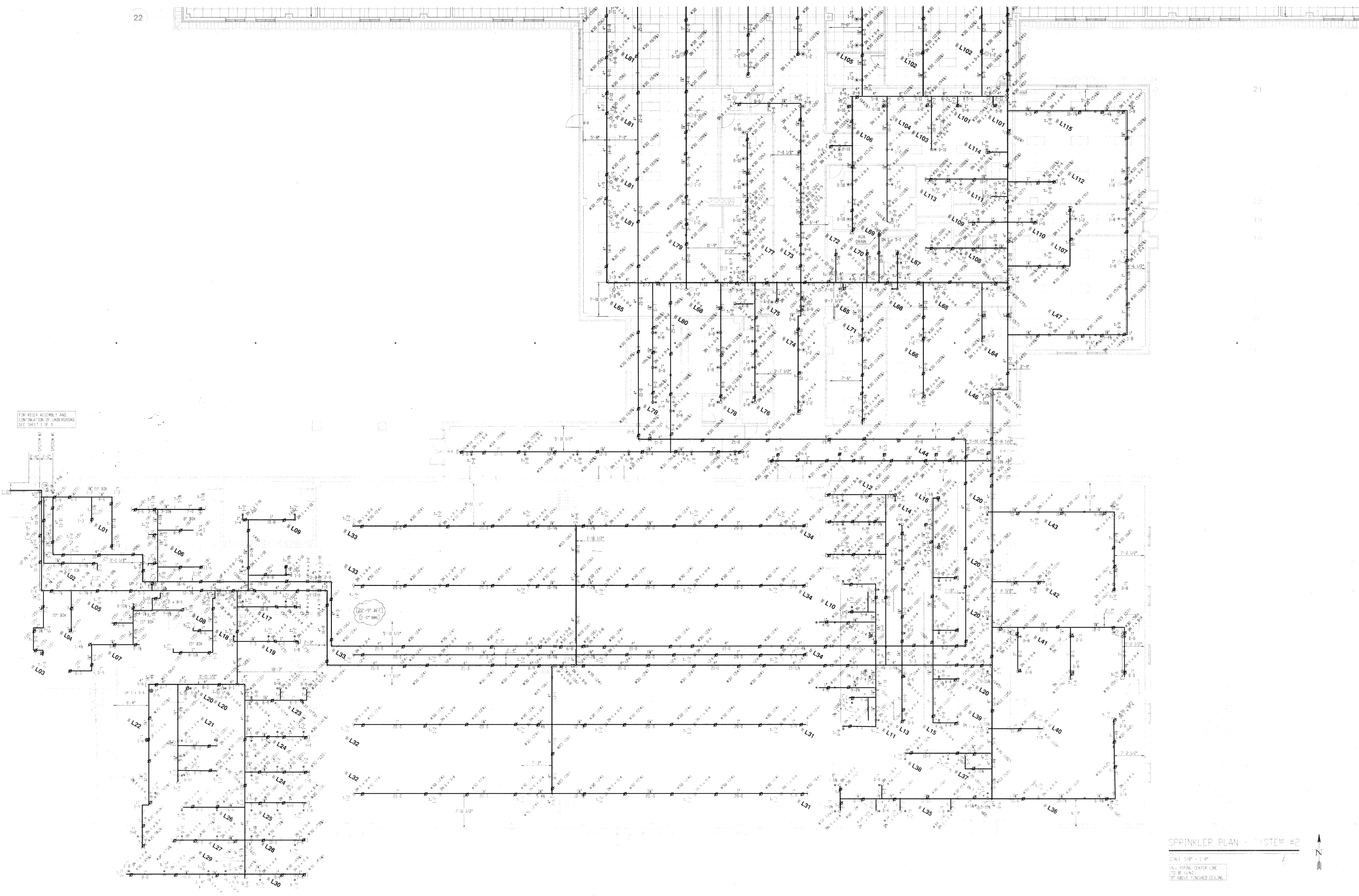
24-045.00

SHEET TITLE

BAUE - FIRE SPRINKLER AS BUILTS

SHEET NO.

P12.60



SPRINKLER PLAN - SYSTEM #2
SCALE: 1/8" = 1'-0"
ALL PIPING CENTER LINE
12" OR LARGER
12" OR LARGER CEILING



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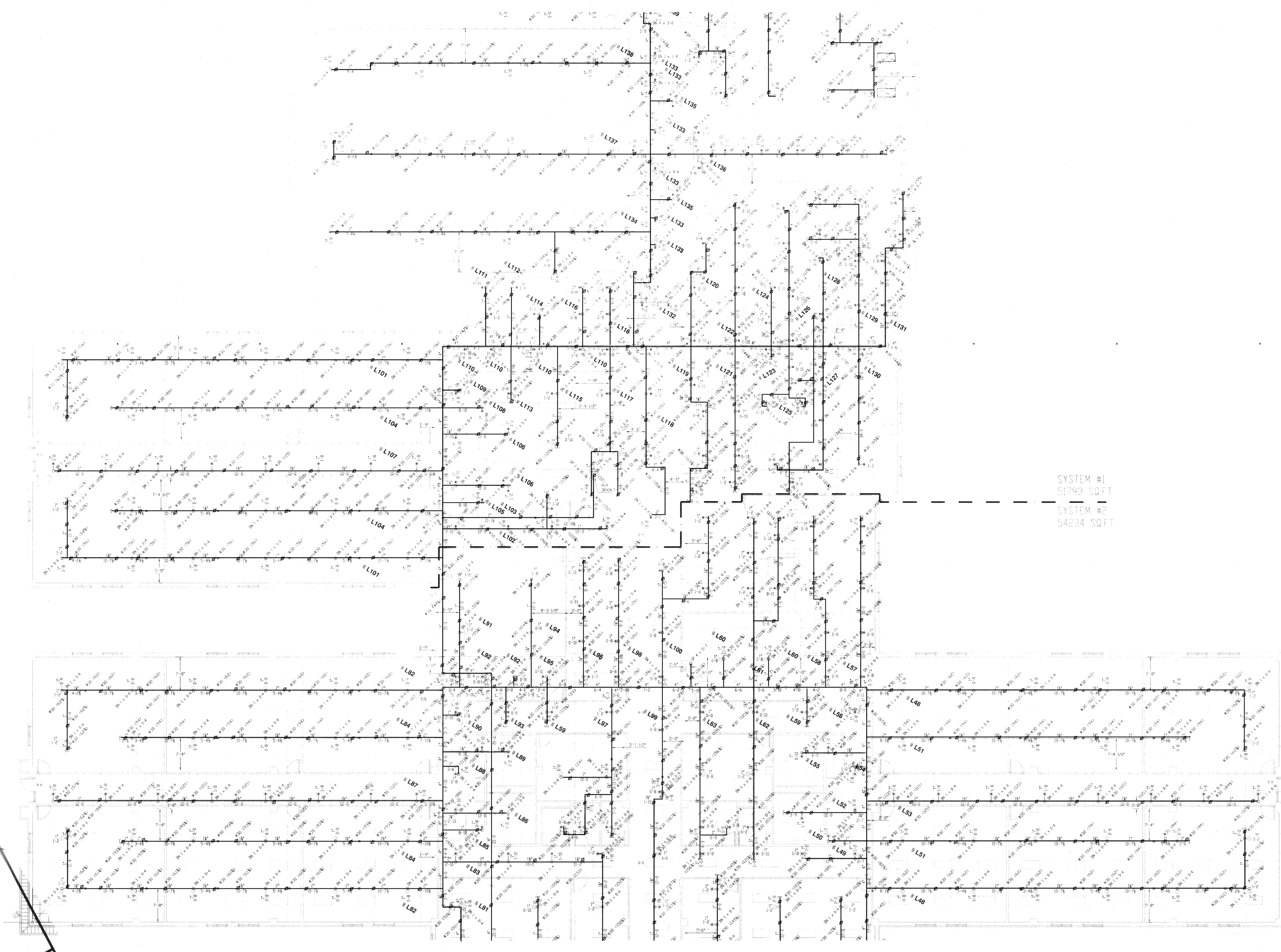
24-045.00

SHEET TITLE

BAUE - FIRE SPRINKLER AS BUILTS

SHEET NO.

P12.61



SPRINKLER PLAN
SYSTEM #2 & SYSTEM #1
SCALE: 1/8" = 1'-0"



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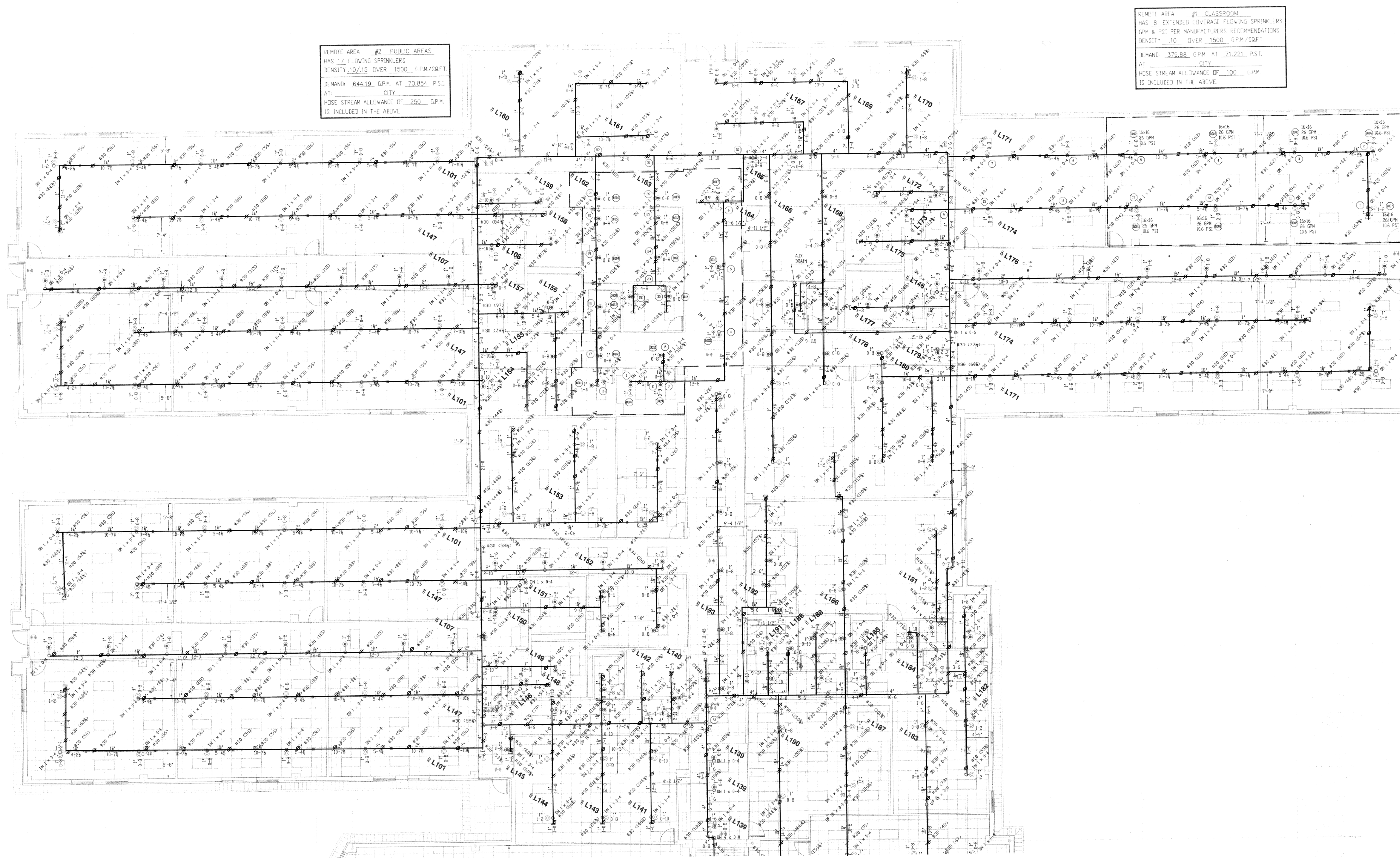
24-045.00

SHEET TITLE

BAUE - FIRE SPRINKLER AS BUILTS

SHEET NO.

P12.62



REMOTE AREA #2 PUBLIC AREAS
 HAS 17 FLOWING SPRINKLERS
 DENSITY 10/15 OVER 1500 GPM/59FT
 DEMAND 644.19 GPM AT 70.854 PSI
 AT CITY
 HOSE STREAM ALLOWANCE OF 250 GPM
 IS INCLUDED IN THE ABOVE

REMOTE AREA #1 CLASSROOM
 HAS 8 EXTENDED COVERAGE FLOWING SPRINKLERS
 GPM & PSI PER MANUFACTURERS RECOMMENDATIONS
 DENSITY 10 OVER 1500 GPM/59FT
 DEMAND 379.88 GPM AT 71.221 PSI
 AT CITY
 HOSE STREAM ALLOWANCE OF 100 GPM
 IS INCLUDED IN THE ABOVE

SPRINKLER PLAN - SYSTEM #1

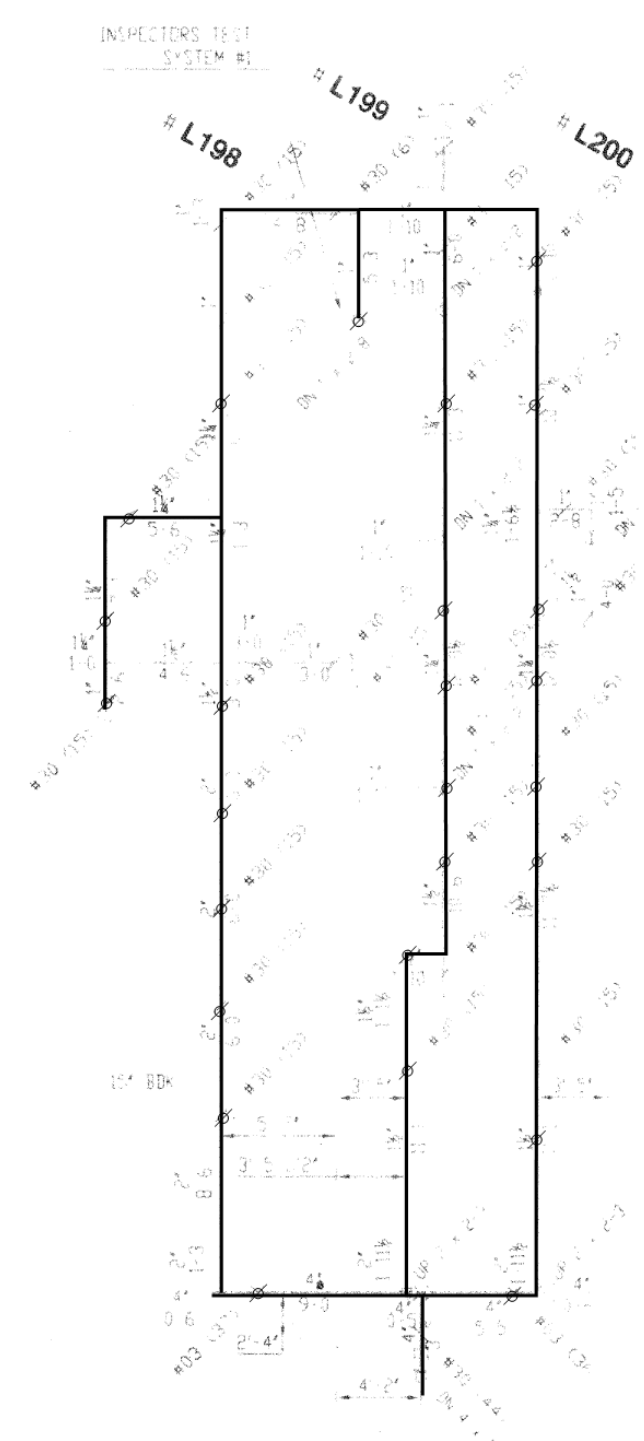
SCALE 1/8" = 1'-0"



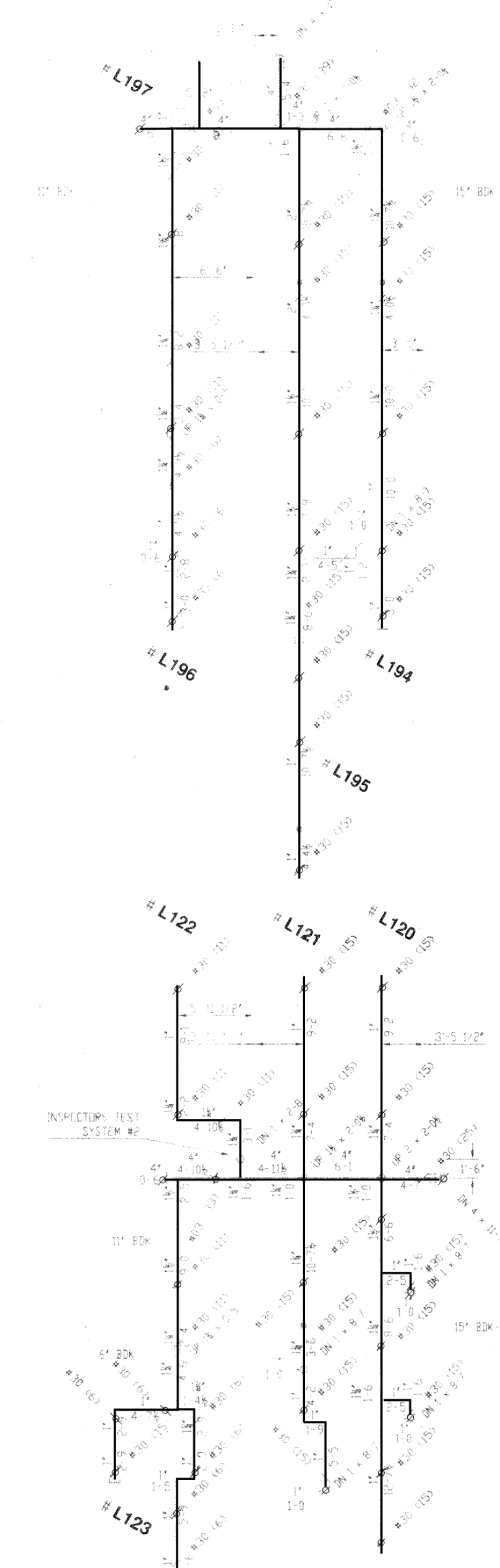
Area 'C' & 'D'

ALL PIPING CENTER LINE
 TO BE 6" (MIN)
 5" ABOVE FINISHED CEILING

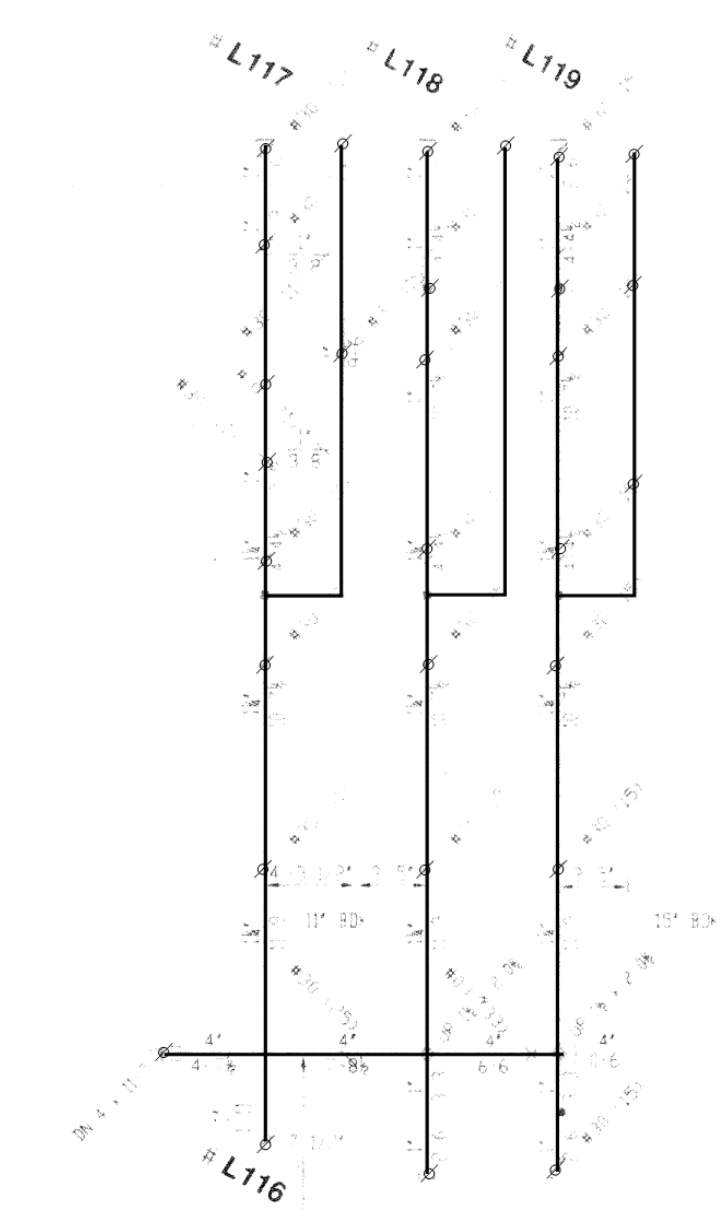




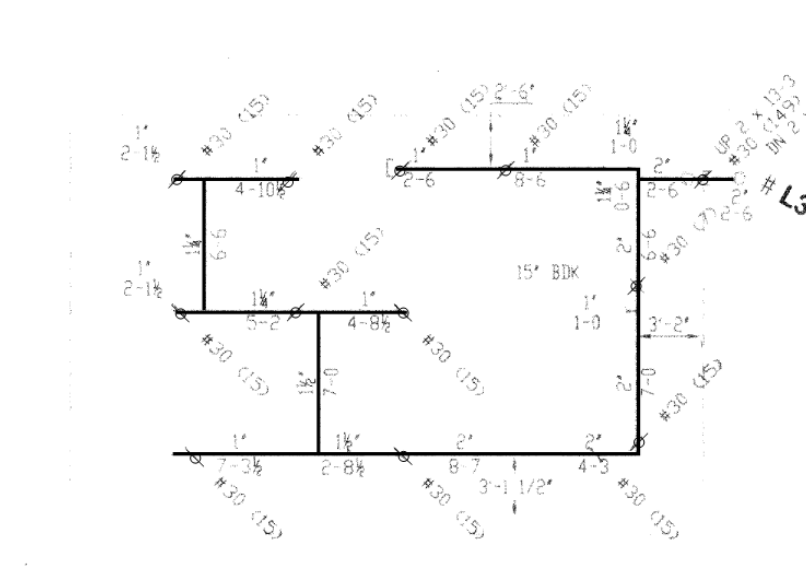
MEZZANINE - AREA 'C'



MEZZANINE - AREA 'B'



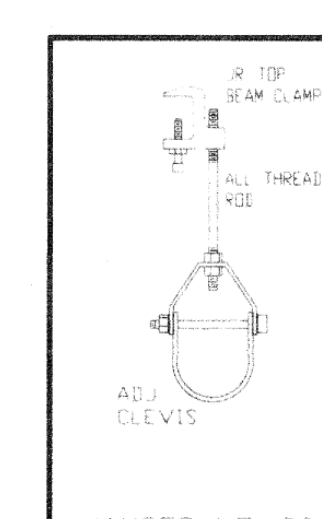
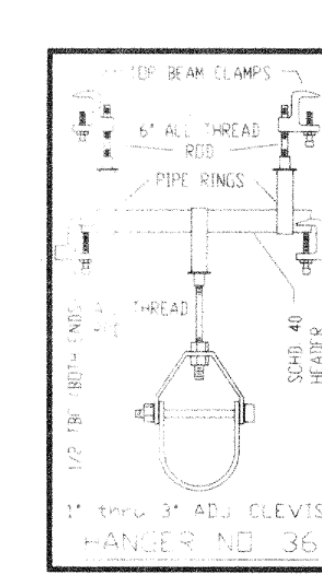
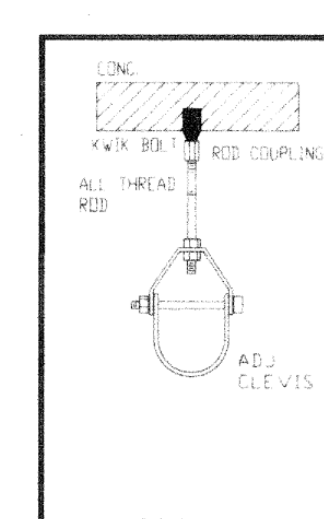
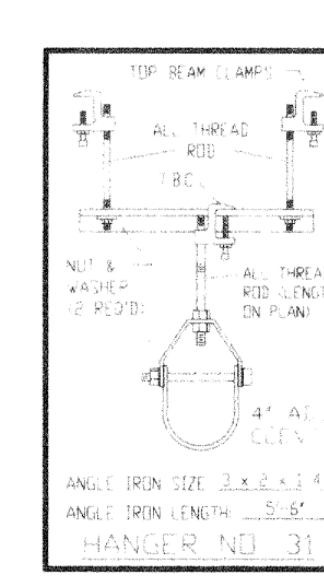
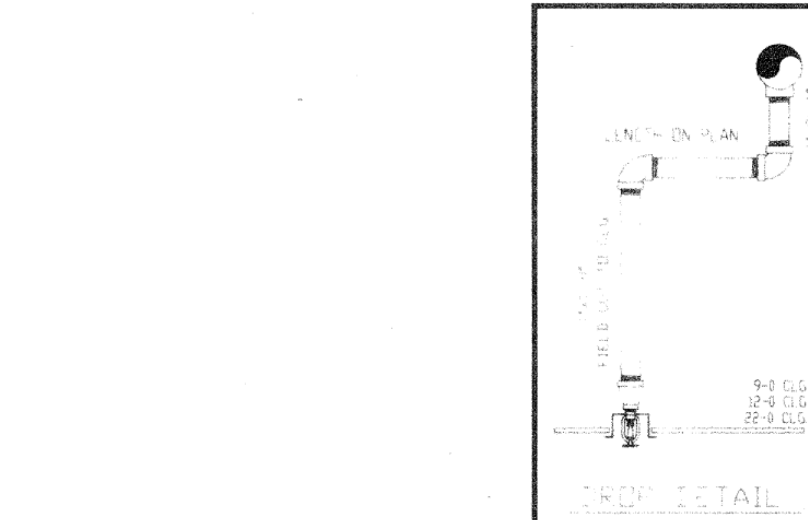
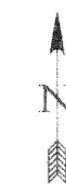
MEZZANINE - AREA 'A'



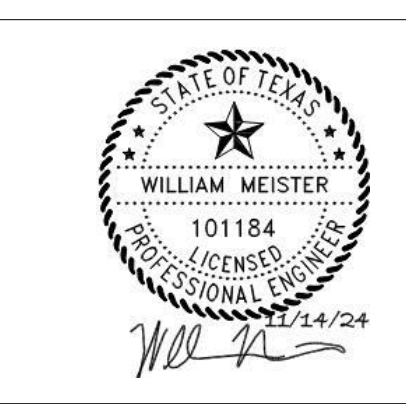
MEZZANINE - AREA 'A' AT GYM

SPRINKLER PLAN

SCALE: 1/8" = 1'-0"
 ALL SPRING CENTER LINE
 TO BE HAND
 BY ABLE FINISHED CEILING



- NOTES**
- UNIVERSAL SPRINKLER CORP CONTRACT TO BEGIN WITH 4" DUCTILE IRON AT 5'-0" LEAD-IN. ALL OTHER UNDERGROUND TO BE BY OTHERS.
 - ALL FIRE PROTECTION EQUIPMENT TO BE LISTED AND/OR FACTORY MUTUAL APPROVED.
 - THERMOSTATICALLY CONTROLLED HEAT (40° MIN) TO BE PROVIDED BY OWNER TO PREVENT WET SYSTEM COMPONENTS FROM FREEZING.
 - ALL ELECTRICAL CONNECTIONS TO BE PROVIDED BY OTHERS.
 - ALL REQUIRED PAINTING TO BE BY OTHERS.
 - ALL OUTLETS IN 4" AND LARGER MAINS TO BE SHOP WELDED IN ACCORDANCE WITH NFPA 13, 1996, USING 90° ELBOW WELD FITTINGS.
 - ALL APPROVED FITTINGS TO BE VENTURINE FIRE CORP. W/DR. COUPLINGS.
 - ALL THREADED FITTINGS TO BE BLACK CAST IRON CLASS 150.
 - ALL LINE PIPE 2" AND SMALLER TO BE BLACK SCH 40 ASTM-A105.
 - ALL MAIN PIPE 4" AND LARGER TO BE BLACK SCH 10 ASTM-A105.
 - 4" AND LARGER BLACK PIPE TO BE VDO. COULDES (EMPTY SPEED).
 - ALL PENDANT SPRINKLERS SHALL BE ALIGNED WITH NORMAL FABRICATION AND INSTALLATION TOLERANCES AND WILL BE CENTERED IN THE CEILING TILE MODULES OR ALIGNED WITH OTHER FIXTURES, I.E. BUILDING GRID LINES, LIGHT FIXTURES, AIR CONDITIONING GRILLES, ETC.
 - SYSTEM TO BE HYDRAULICALLY CALCULATED PER NFPA 13, 1996. CLASSROOMS AND ASSOCIATED TEACHING AREAS TO HAVE EXTENDED COVERAGE HEADS WITH REQUIRED STARTING PSI AND GPM PER MANUFACTURER'S RECOMMENDATIONS.
 - PUBLIC AREAS TO BE DESIGNED FOR MOST REMOTE 1500 SQFT AREA WITH DENSITY OF 10 FOR LIGHT HAZARD OCCUPANCIES WITH MAX HEAD SPACING OF 225 SQFT AND DENSITY OF 15 FOR ORDINARY HAZARD OCCUPANCIES WITH MAX HEAD SPACING OF 130 SQFT.
 - ALL PIPE PENETRATIONS TO BE SEALED WITH 3M FIRE BARRIER CAULK CP-25W.
 - ALL PIPE SLEEVES TO BE GALV. SCH 40 ASTM-A105.
 - ALL HANGERS IN ACCORDANCE WITH NFPA 13, 1996.



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 DBR

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 DBR
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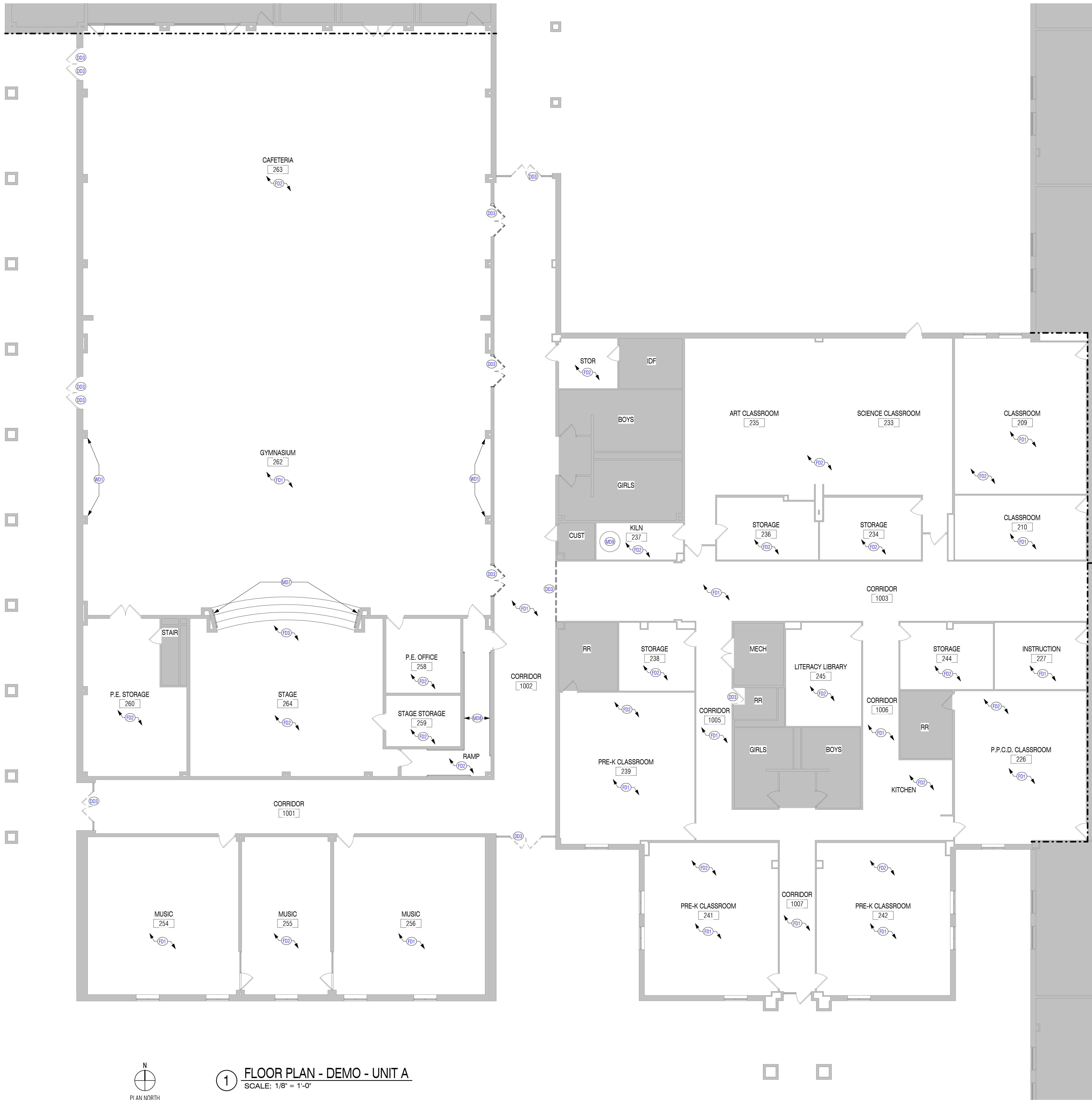
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BAUE - FIRE SPRINKLER AS BUILTS

SHEET NO.

P12.63



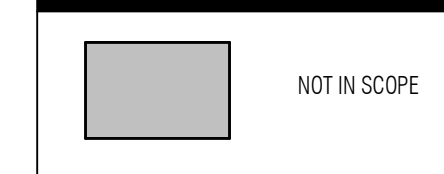


1 FLOOR PLAN - DEMO - UNIT A
SCALE: 1/8" = 1'-0"

DEMOLITION NOTES

1. Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction, unless noted otherwise.
2. Existing materials containing asbestos to be removed under separate contract prior to construction by Owner's asbestos abatement contractor.
3. Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
4. Protect items to remain from damage during demolition.
5. Repair or replace at no cost to the Owner any damages to the existing building and site as a result of construction activities.
6. Refer to electrical and mechanical demolition plan for additional information.
7. Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
8. GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
9. Floor finish to not impede existing drain cleanout.
10. Remove and reinstall metal shelving at same location prior to floor removal/installation.
11. Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.
12. GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND



DEMOLITION KEYED NOTES

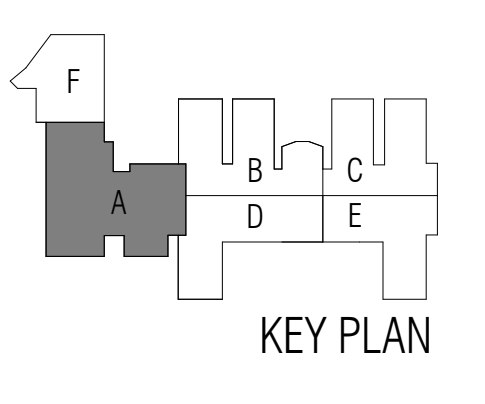
DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE. REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD3	PREP EXISTING HARDWOOD FLOORING FOR RESTAIN AND RESEAL.
MD7	REMOVE EXISTING HANDRAIL. PREPARE WALL AND PLUG EXISTING HOLES AS NEEDED TO RECEIVE NEW HANDRAIL. REPAINT PATCHES.
MD8	PREP EXISTING HANDRAIL FOR PAINTING.
MD9	REMOVE EXISTING KILN FOR PREPARATION OF NEW FLOORING. GC TO INSTALL IN EXACT LOCATION.
WD1	REMOVE EXISTING WALL PADS IN ITS ENTIRETY.



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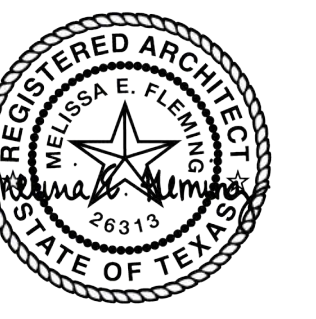
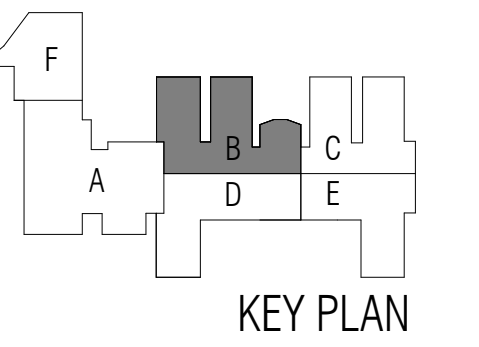
SHEET TITLE

GILE - DEMO PLAN - UNIT A

SHEET NO.

A22.01A

CCISD Priority Repairs - BAUE GILE WEBE



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SHEET TITLE

GILE - DEMO PLAN - UNIT B

SHEET NO.

A22.01B

DEMOLITION NOTES

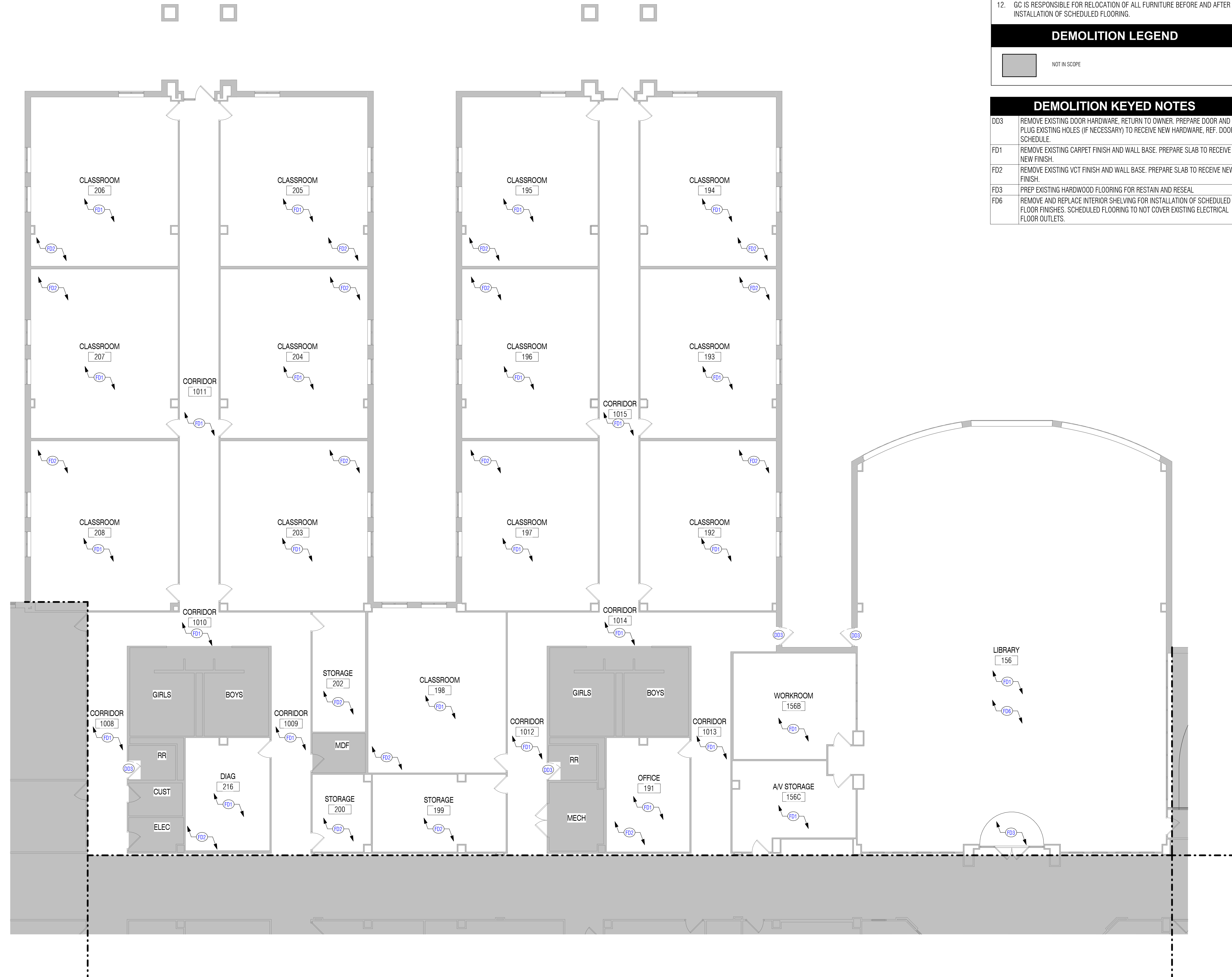
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DEMOLITION LEGEND



DEMOLITION KEYED NOTES

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FD3	PREP EXISTING HARDWOOD FLOORING FOR RESTAIN AND RESEAL
FD6	REMOVE AND REPLACE INTERIOR SHELVING FOR INSTALLATION OF SCHEDULED FLOOR FINISHES. SCHEDULED FLOORING TO NOT COVER EXISTING ELECTRICAL FLOOR OUTLETS.



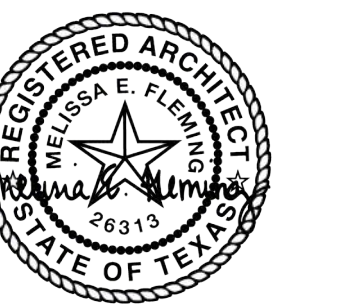
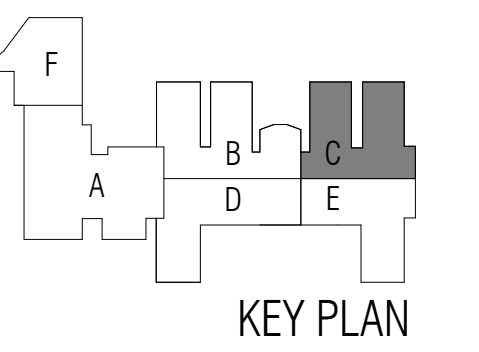
1 FLOOR PLAN - DEMO - UNIT B
SCALE: 1/8" = 1'-0"

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CCISD Priority Repairs - BAUE GILE WEBE



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 Designer
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SHEET TITLE

GILE - DEMO PLAN - UNIT C

SHEET NO.

A22.01C

DEMOLITION NOTES

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DEMOLITION LEGEND



DEMOLITION KEYED NOTES

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1 FLOOR PLAN - DEMO - UNIT C
 SCALE: 1/8" = 1'-0"

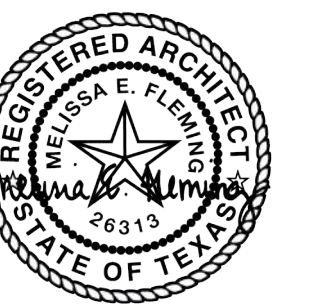
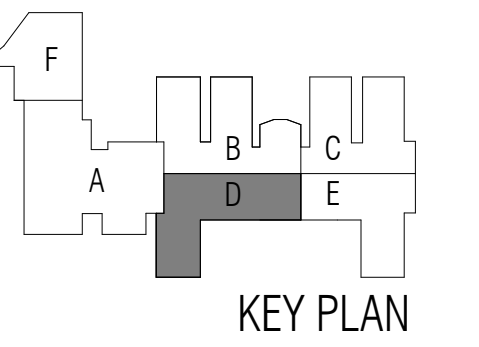
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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

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SHEET TITLE

GILE - DEMO PLAN - UNIT D

SHEET NO.

A22.01D

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DEMOLITION LEGEND



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FD3	PREP EXISTING HARDWOOD FLOORING FOR RESTAIN AND RESEAL.



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

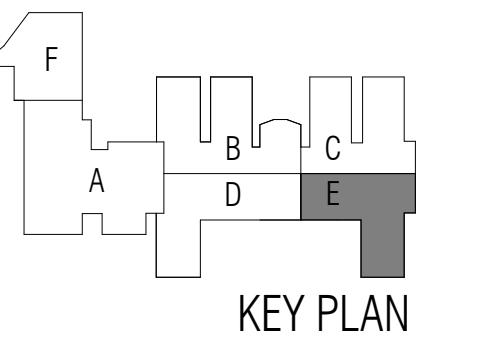
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SHEET TITLE

GILE - DEMO PLAN - UNIT E

SHEET NO.

A22.01E

DEMOLITION NOTES

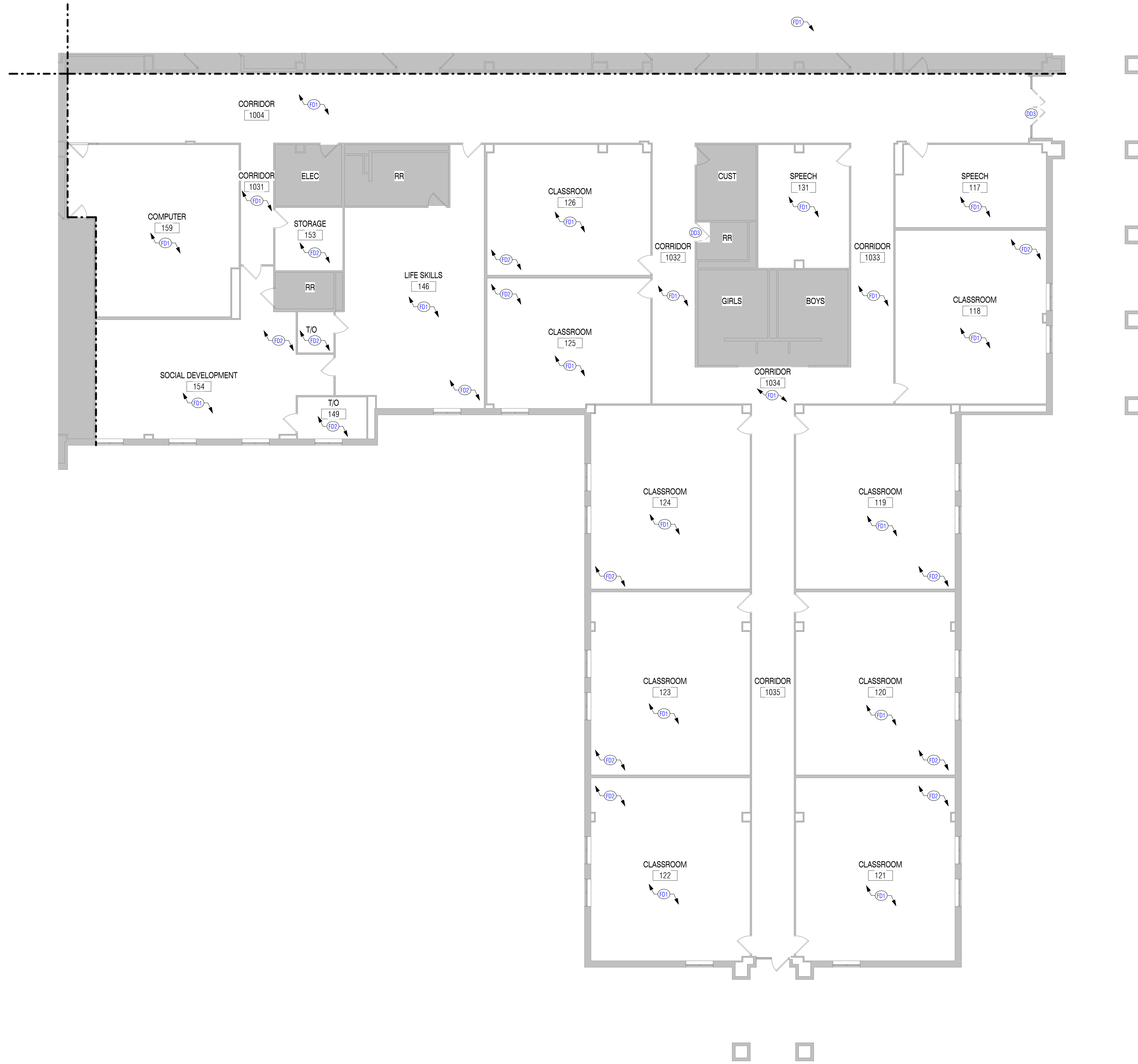
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DEMOLITION LEGEND



DEMOLITION KEYED NOTES

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

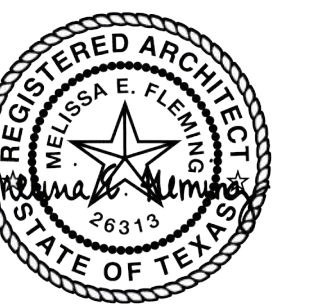
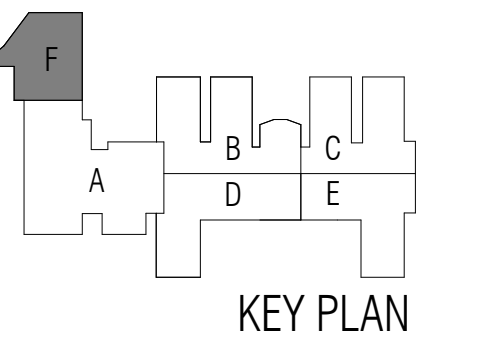
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GILE - DEMO PLAN - UNIT F

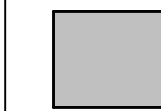
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A22.01F

DEMOLITION NOTES

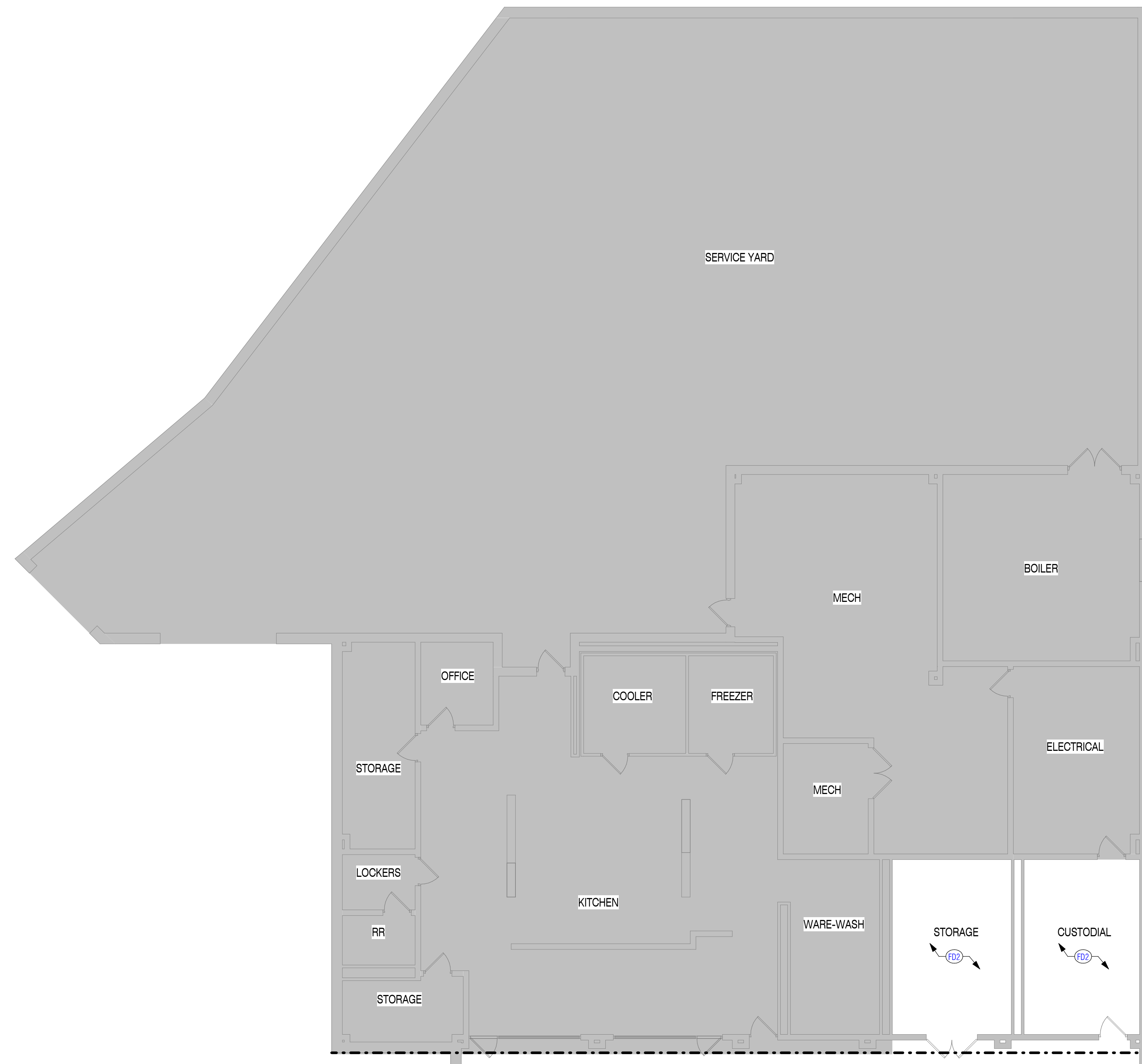
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DEMOLITION LEGEND

 NOT IN SCOPE

DEMOLITION KEYED NOTES

FD2 REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.



1 FLOOR PLAN - DEMO - UNIT F
SCALE: 1/8" = 1'-0"

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A5	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. INSTALL VINYL WALL COVERING THROUGHOUT. REMOVE AND REINSTALL ALL ROOM SIGNAGE IF VINYL WALLCOVERING IS BEING INSTALLED.
A7	REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.

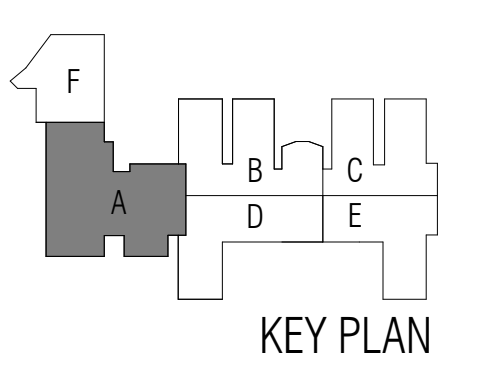


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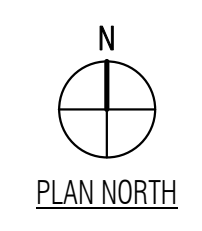
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SHEET TITLE
 GILE - ALTERNATE PLAN - UNIT A

SHEET NO.

A22.03A



1 FLOOR PLAN - ALTERNATE - UNIT A
 SCALE: 1/8" = 1'-0"

ALTERNATE KEYNOTES	
A5	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. INSTALL VINYL WALL COVERING THROUGHOUT. REMOVE AND REINSTALL ALL ROOM SIGNAGE IF VINYL WALLCOVERING IS BEING INSTALLED.
A7	REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.

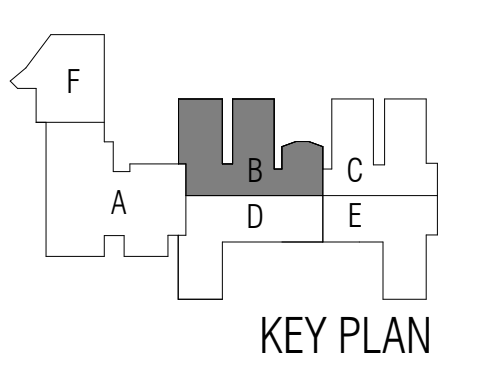
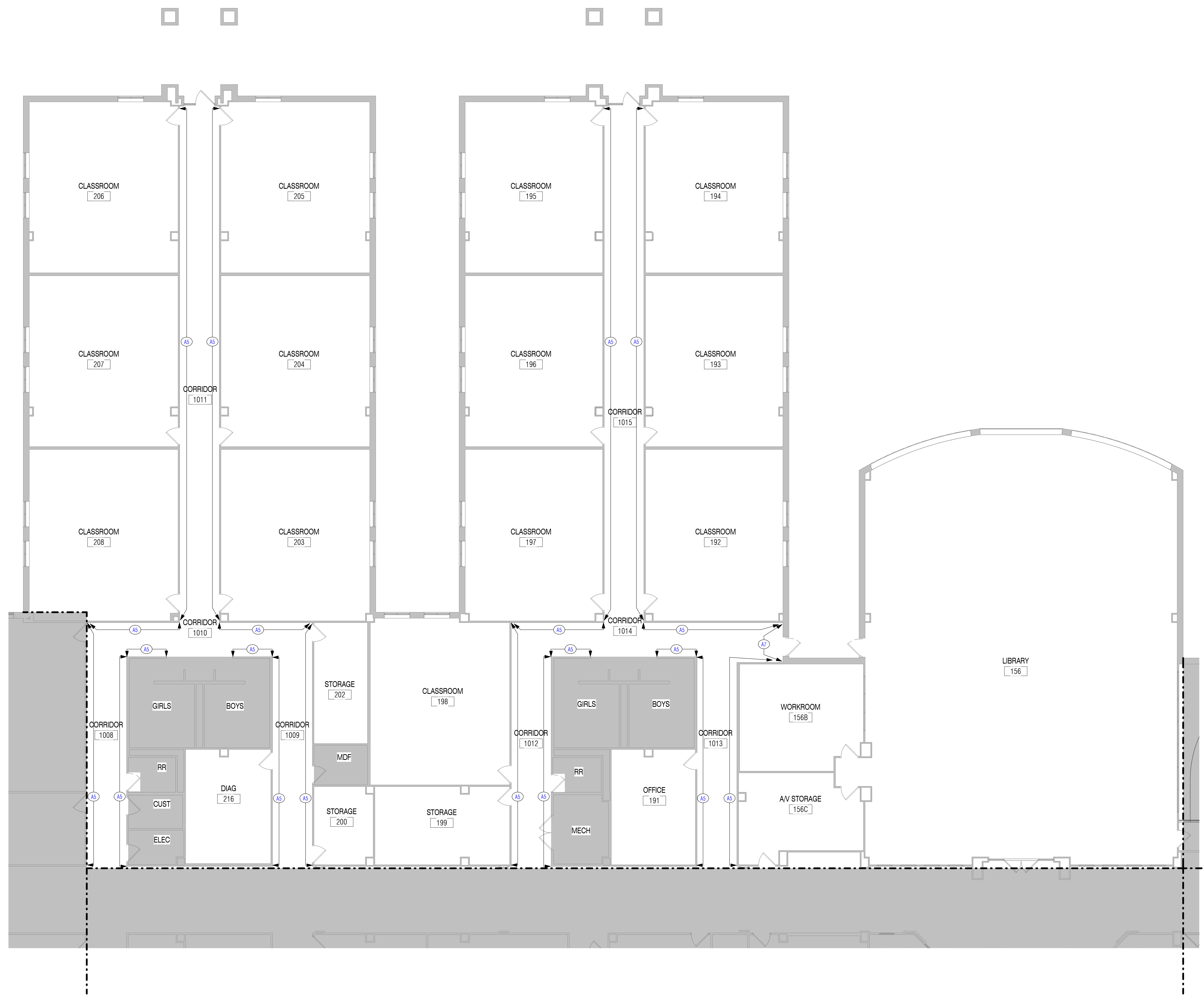


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SHEET TITLE

GILE - ALTERNATE PLAN - UNIT B

SHEET NO.

A22.03B



1 FLOOR PLAN - ALTERNATE - UNIT B
 SCALE: 1/8" = 1'-0"

ALTERNATE KEYNOTES	
A5	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. INSTALL VINYL WALL COVERING THROUGHOUT. REMOVE AND REINSTALL ALL ROOM SIGNAGE IF VINYL WALLCOVERING IS BEING INSTALLED.
A7	REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.

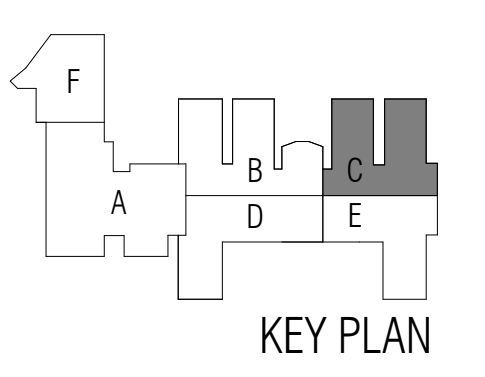


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2025.401

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2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

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Approver
Designer
Designer
Proj. Arch.
Checker

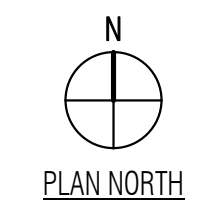
Drawn By
Author
Quality Control

PROJECT NO.
24-045.00

SHEET TITLE

GILE - ALTERNATE PLAN - UNIT C

SHEET NO.



1 FLOOR PLAN - ALTERNATE - UNIT C
SCALE: 1/8" = 1'-0"

A22.03C

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A4	TILE WAINSCOT AT FRONT AND LIBRARY ENTRY. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. REMOVE WOOD CHAIR RAILING EDGING. REMOVE AND REINSTALL SHELVEING IF NEEDED. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A5	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. INSTALL VINYL WALL COVERING THROUGHOUT. REMOVE AND REINSTALL ALL ROOM SIGNAGE IF VINYL WALLCOVERING IS BEING INSTALLED.
A7	REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.

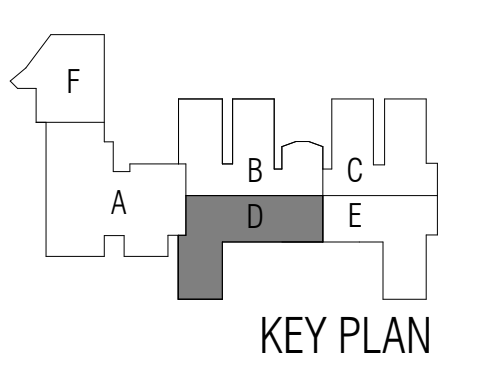
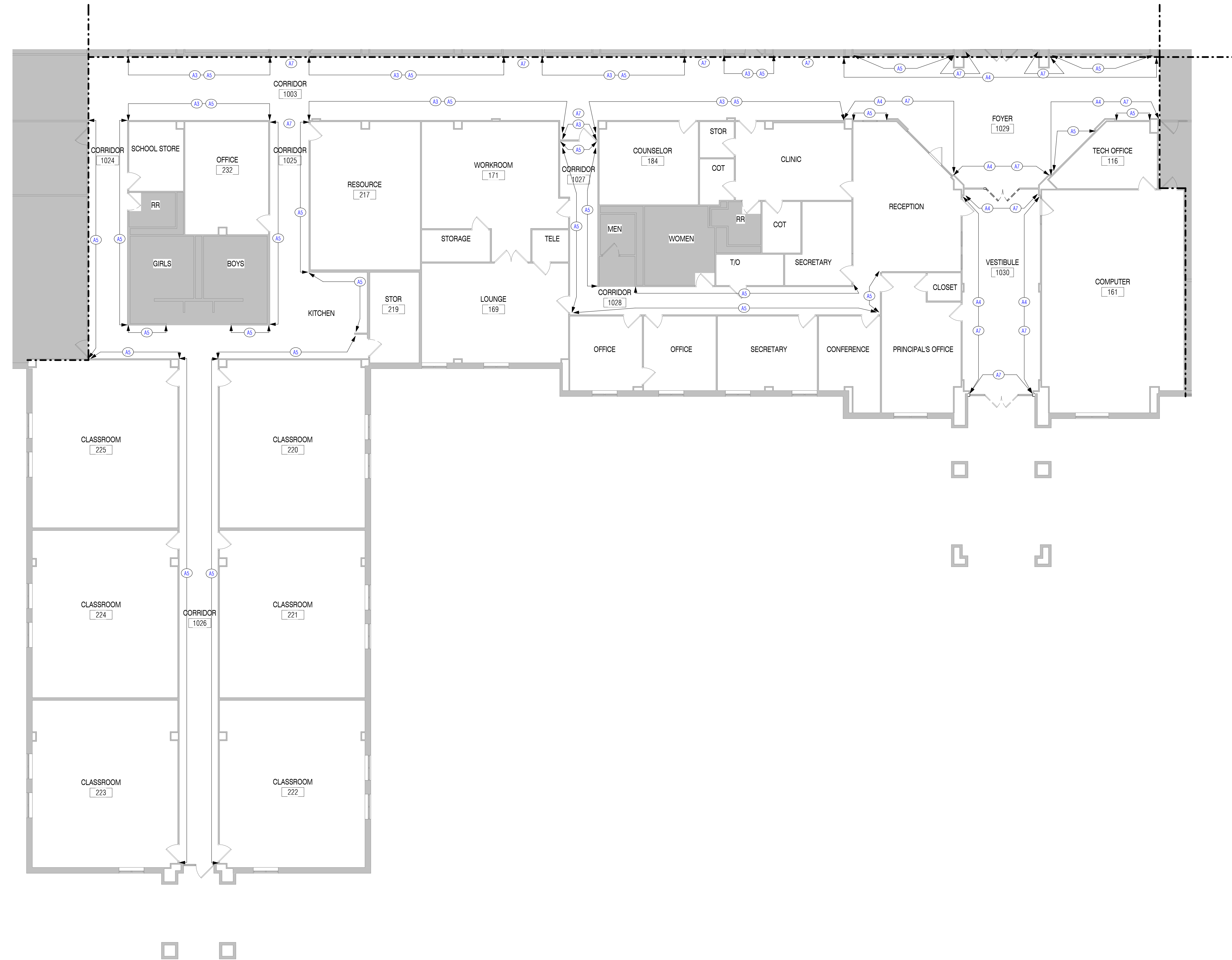


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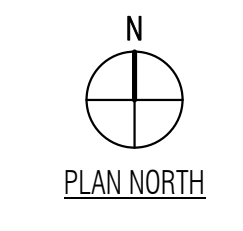
24-045.00

SHEET TITLE

GILE - ALTERNATE PLAN - UNIT D

SHEET NO.

A22.03D



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

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A5	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. INSTALL VINYL WALL COVERING THROUGHOUT. REMOVE AND REINSTALL ALL ROOM SIGNAGE IF VINYL WALLCOVERING IS BEING INSTALLED.
A7	REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.

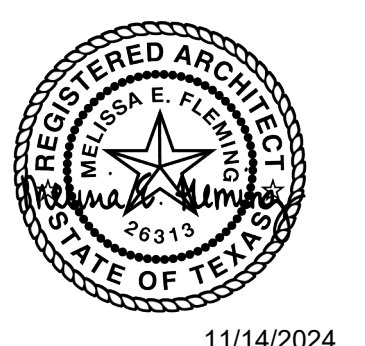
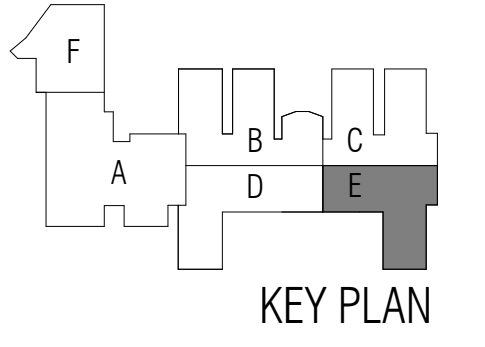
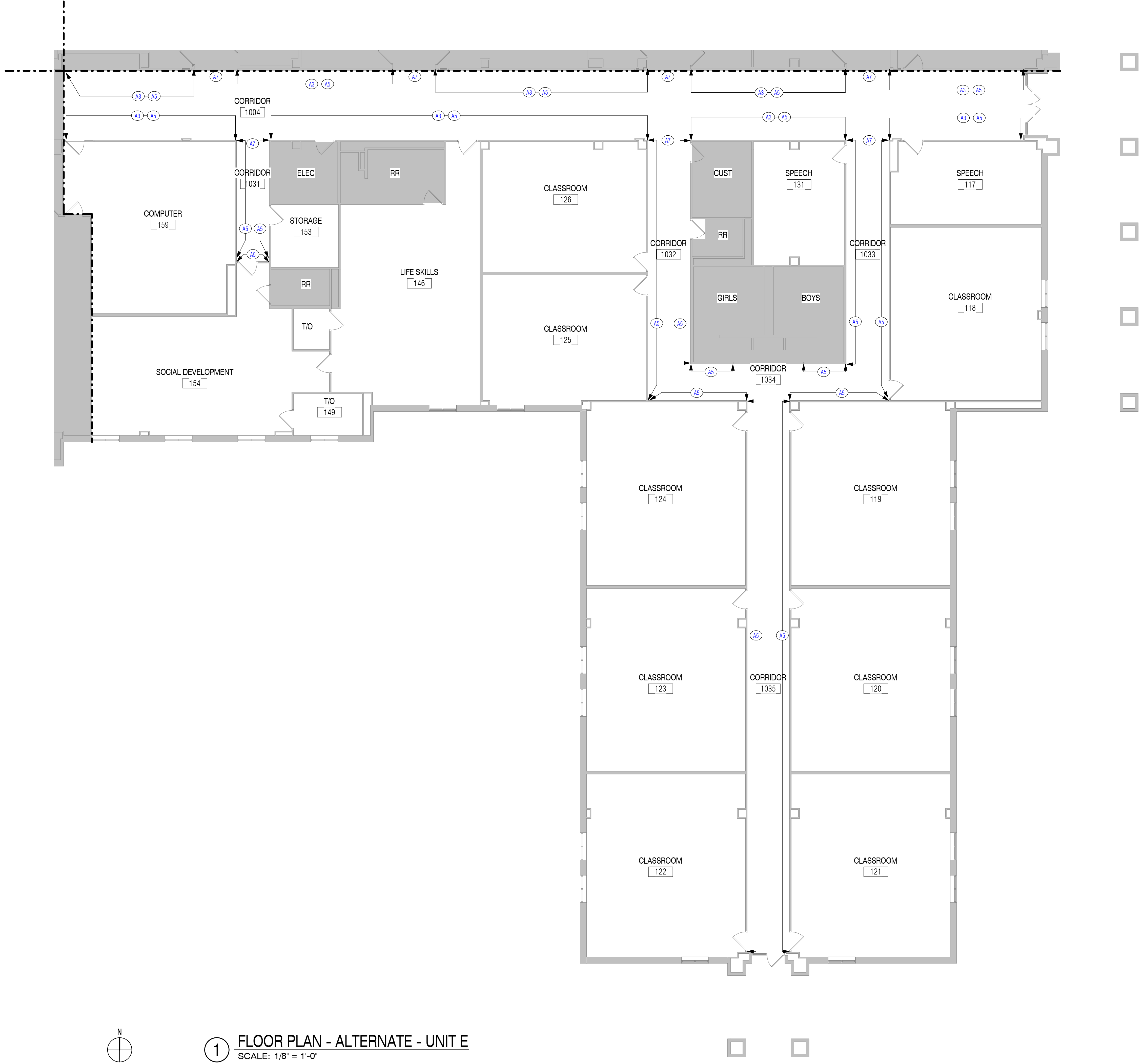


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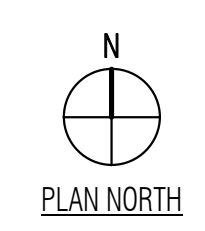
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24-045.00

SHEET TITLE

GILE - ALTERNATE PLAN - UNIT E

SHEET NO.



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

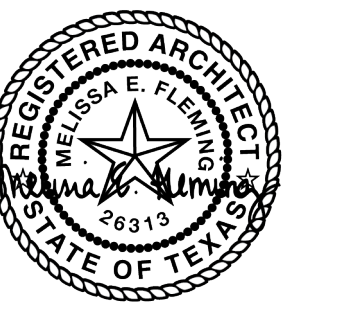
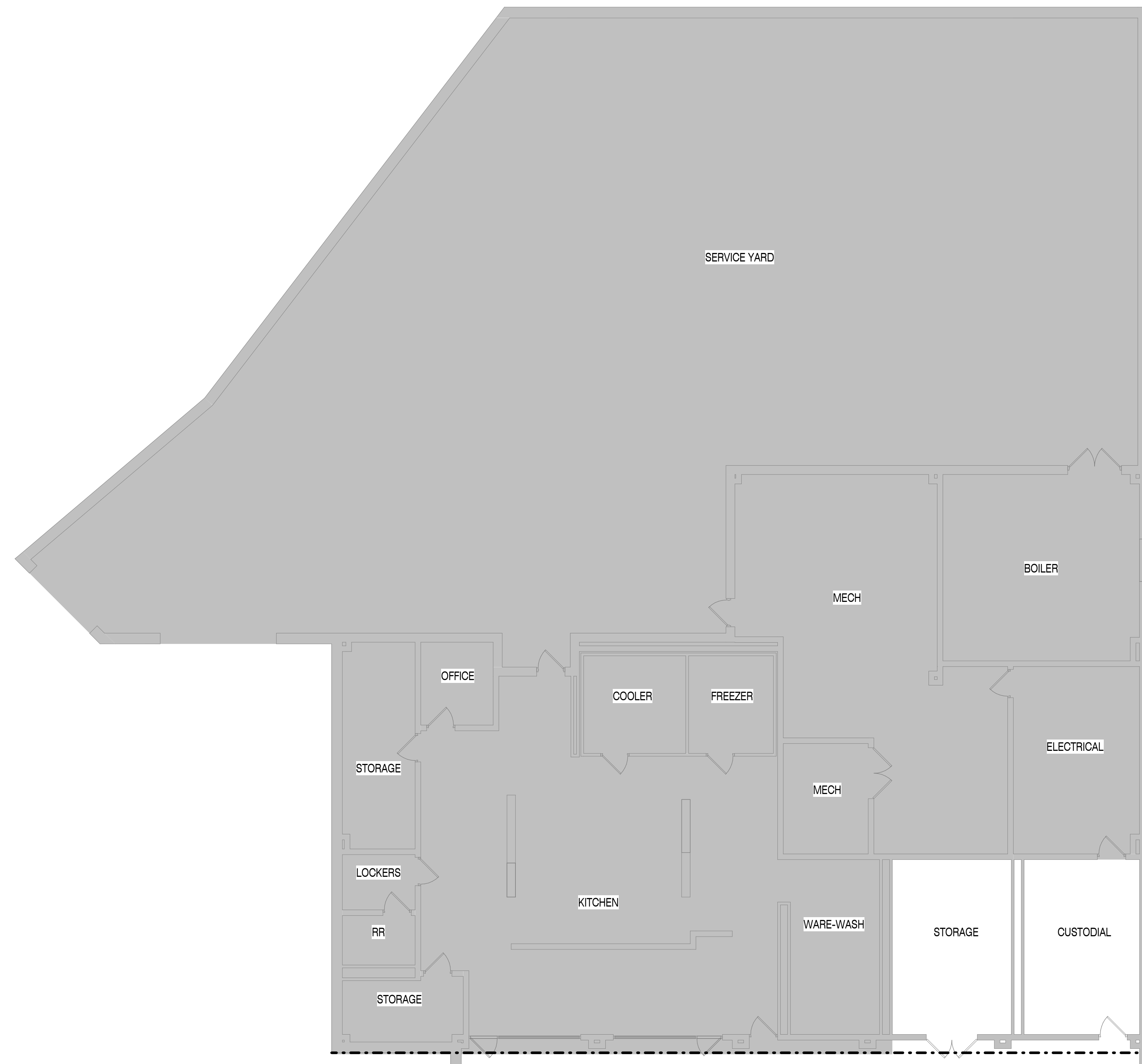
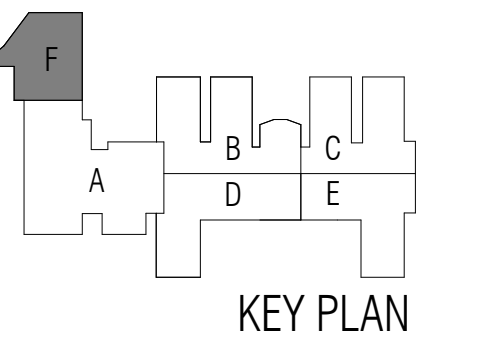
A22.03E

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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
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Designer Designer
Proj. Arch. Checker

Drawn By Author
Quality Control

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SHEET TITLE

GILE - ALTERNATE PLAN - UNIT F

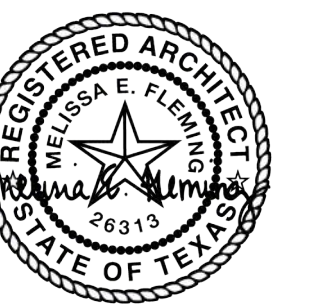
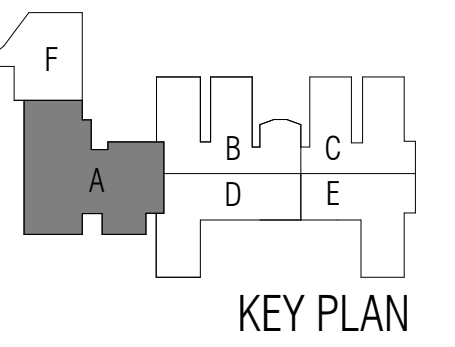
SHEET NO.

A22.03F



1 FLOOR PLAN - ALTERNATE - UNIT F
SCALE: 1/8" = 1'-0"

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Checker

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Author
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Designer

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SHEET TITLE

GILE - FLOOR PLAN - UNIT
A

SHEET NO.

A22.11A

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

- CPT-01 CARPET - PRIMARY
- CPT-02 CARPET - ACCENT
- CPT-03 CARPET - WALK-OFF
- RF-01 RESILIENT FLOOR - FIELD
- RF-02 RESILIENT FLOOR - GYMNASIUM
- RF-03 RESILIENT FLOOR - RED STRIPING
- RF-04 RESILIENT FLOOR - BLUE STRIPING
- T-01 CERAMIC TILE - CAFETERIA
- T-02 CERAMIC TILE - CAFETERIA ACCENT
- WD WOOD STRIP FLOORING

WALL FINISH LEGEND

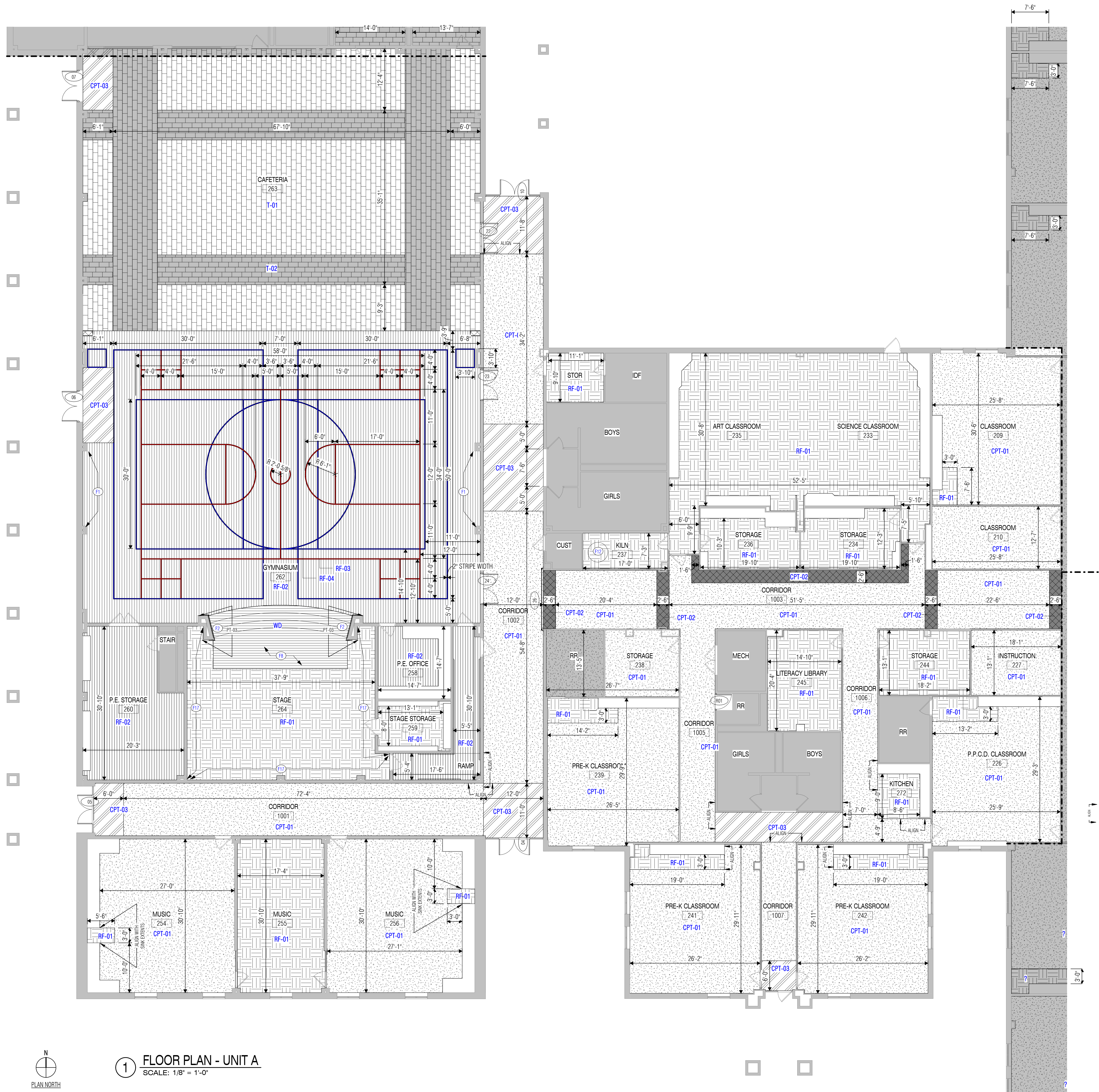
- T TILE - WAINSCOT (TILE SIZE)
- CG CORNER GUARD
- PT PAINT
- TAPE AND FLOAT VVC-01 U.N.O.

FLOOR PLAN LEGEND

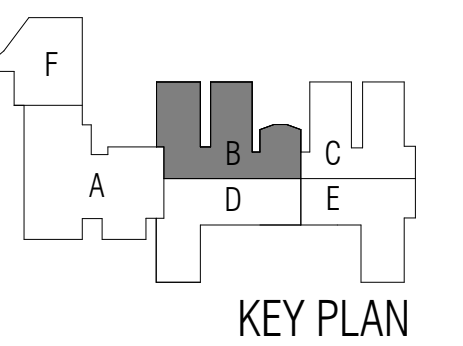
- NOT IN SCOPE

FLOOR PLAN KEYED NOTES

- F1 WALL PADS
- F2 STAINLESS STEEL HANDRAIL
- F8 WOOD TO BE REFINISHED, STAINED, AND SEALED
- F12 EXISTING KILN
- F17 BC-02 AT STAGE EXTENTS.



1 FLOOR PLAN - UNIT A
SCALE: 1/8" = 1'-0"



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 Proj. Arch.
 Checker

PROJECT NO.

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SHEET TITLE

GILE - FLOOR PLAN - UNIT B

SHEET NO.

A22.11B

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

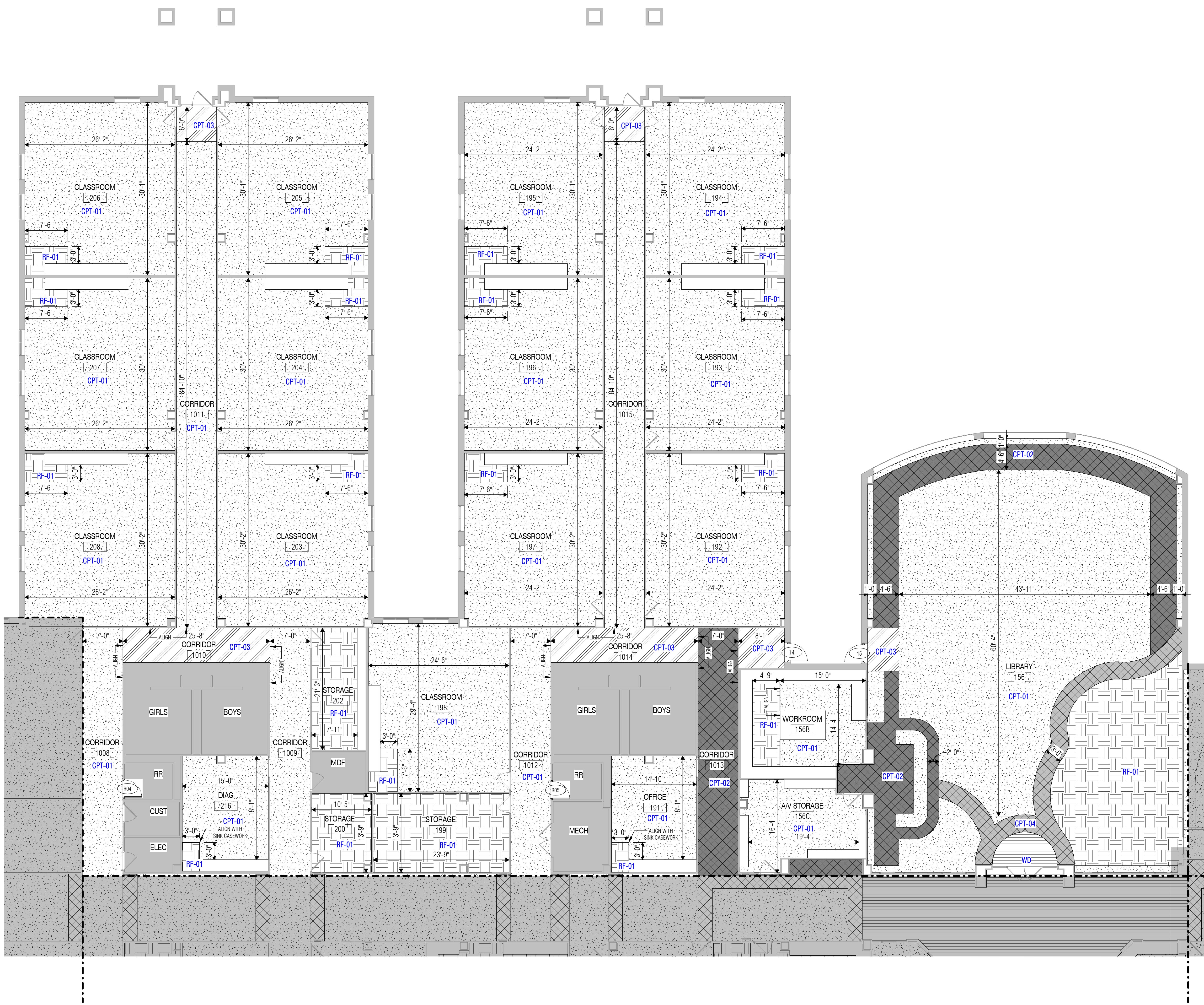
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	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

	T	TILE - WAINSCOT [TILE SIZE]
	CG	CORNER GUARD
	PT	PAINT
	---	TAPE AND FLOAT VWC-01 U.N.O.

FLOOR PLAN LEGEND

	NOT IN SCOPE
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1 FLOOR PLAN - UNIT B
 SCALE: 1/8" = 1'-0"



1 FLOOR PLAN - UNIT C
SCALE: 1/8" = 1'-0"

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	C0-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

	T	TILE - WAINSCOT [TILE SIZE]
	CG	CORNER GUARD
	PT	PAINT
	---	TAPE AND FLOAT WVC-01 U.N.O.

FLOOR PLAN LEGEND

	NOT IN SCOPE
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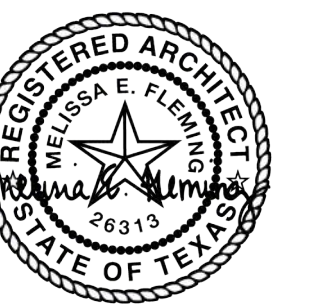
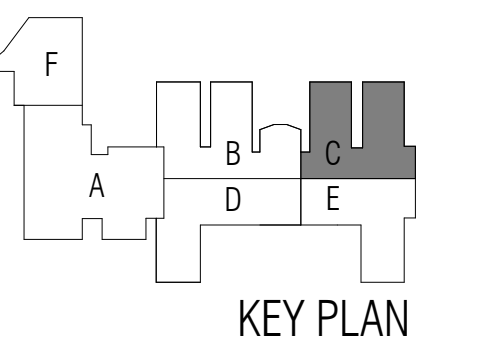
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Author
Quality Control

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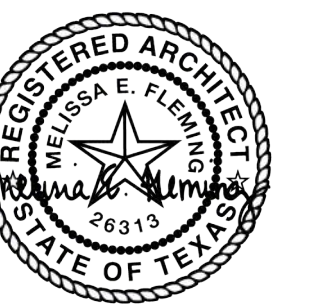
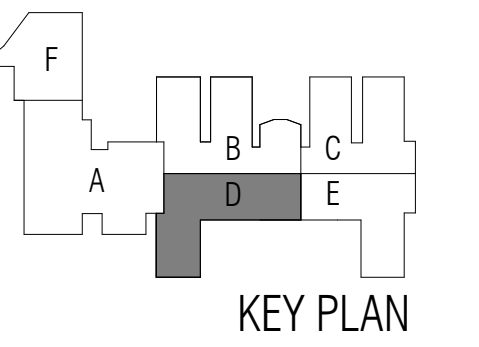
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SHEET TITLE

GILE - FLOOR PLAN - UNIT C

SHEET NO.

A22.11C



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Quality Control
Designer

PROJECT NO.

24-045.00

SHEET TITLE

GILE - FLOOR PLAN - UNIT D

SHEET NO.

A22.11D

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	C0-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

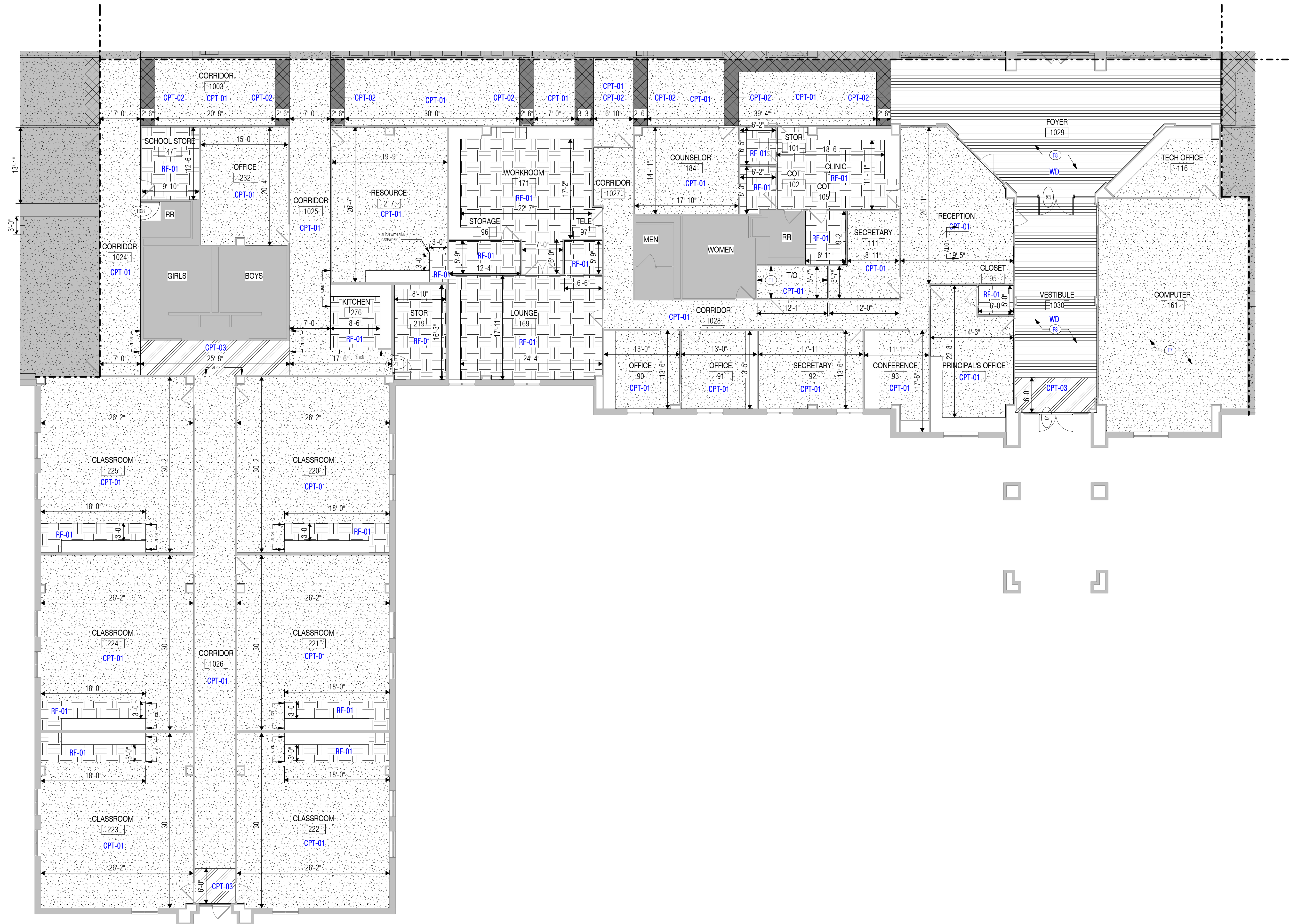
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	CG	CORNER GUARD
	PT	PAINT
		TAPE AND FLOAT WVC-01 U.N.O.

FLOOR PLAN LEGEND

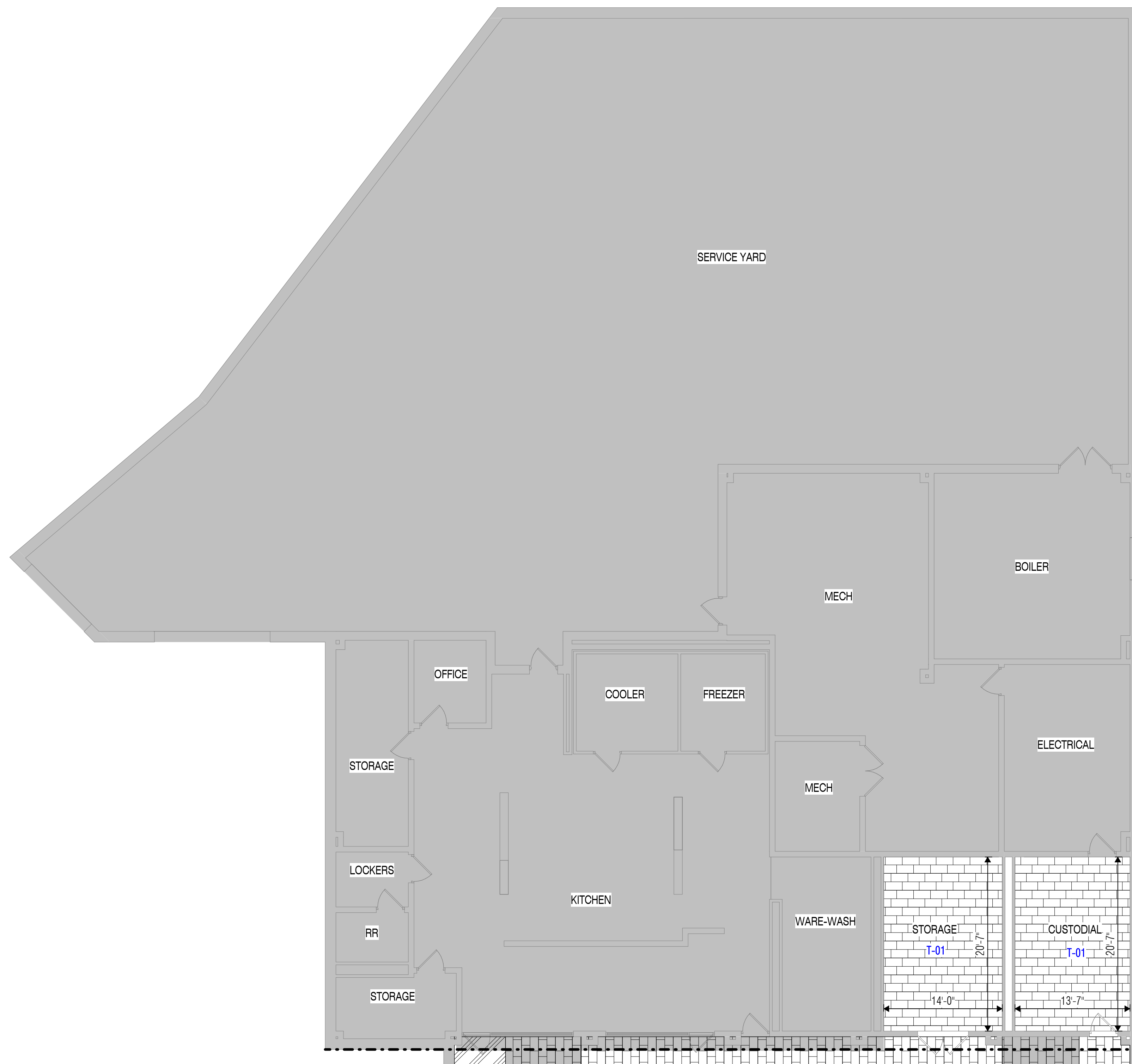
	NOT IN SCOPE
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FLOOR PLAN KEYED NOTES

- F1 WALL PADS
- F7 (1) UNINSTANTIATED ROLLED CARPET BE PROVIDED TO CCISD FOR INSTALLATION AT A LATER TIME
- F8 WOOD TO BE REFINISHED, STAINED, AND SEALED



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


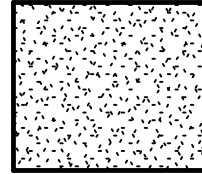
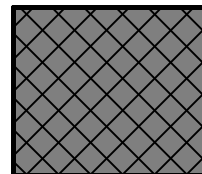
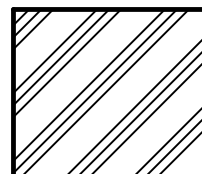
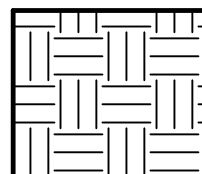
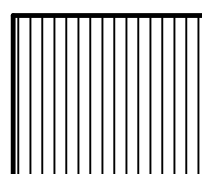
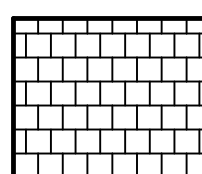
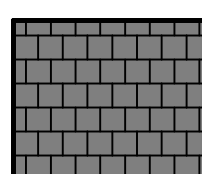
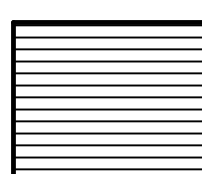




1 FLOOR PLAN - UNIT F
SCALE: 1/8" = 1'-0"

FLOOR PLAN NOTES

1. GC to field verify floor finish dimensions with existing casework extents.
2. GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.


INTERIOR FINISH LEGEND

	C0-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

T	TILE - WAINSCOT (TILE SIZE)
CG	CORNER GUARD
PT	PAINT
---	TAPE AND FLOAT VWC-01 U.N.O.

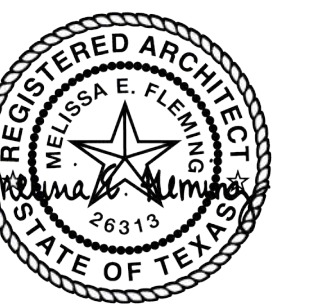
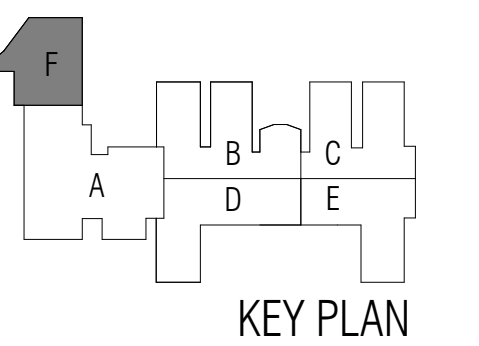
FLOOR PLAN LEGEND

	NOT IN SCOPE
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SHEET TITLE

GILE - FLOOR PLAN - UNIT F

SHEET NO.

A22.11F

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LEAGUE CITY, TEXAS

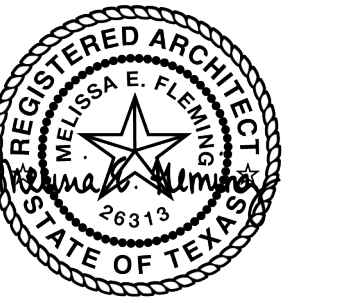
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SHEET TITLE

GILE - OVERALL
 REFLECTED CEILING PLAN
 - DEMO

SHEET NO.

A26.01

DEMOLITION NOTES

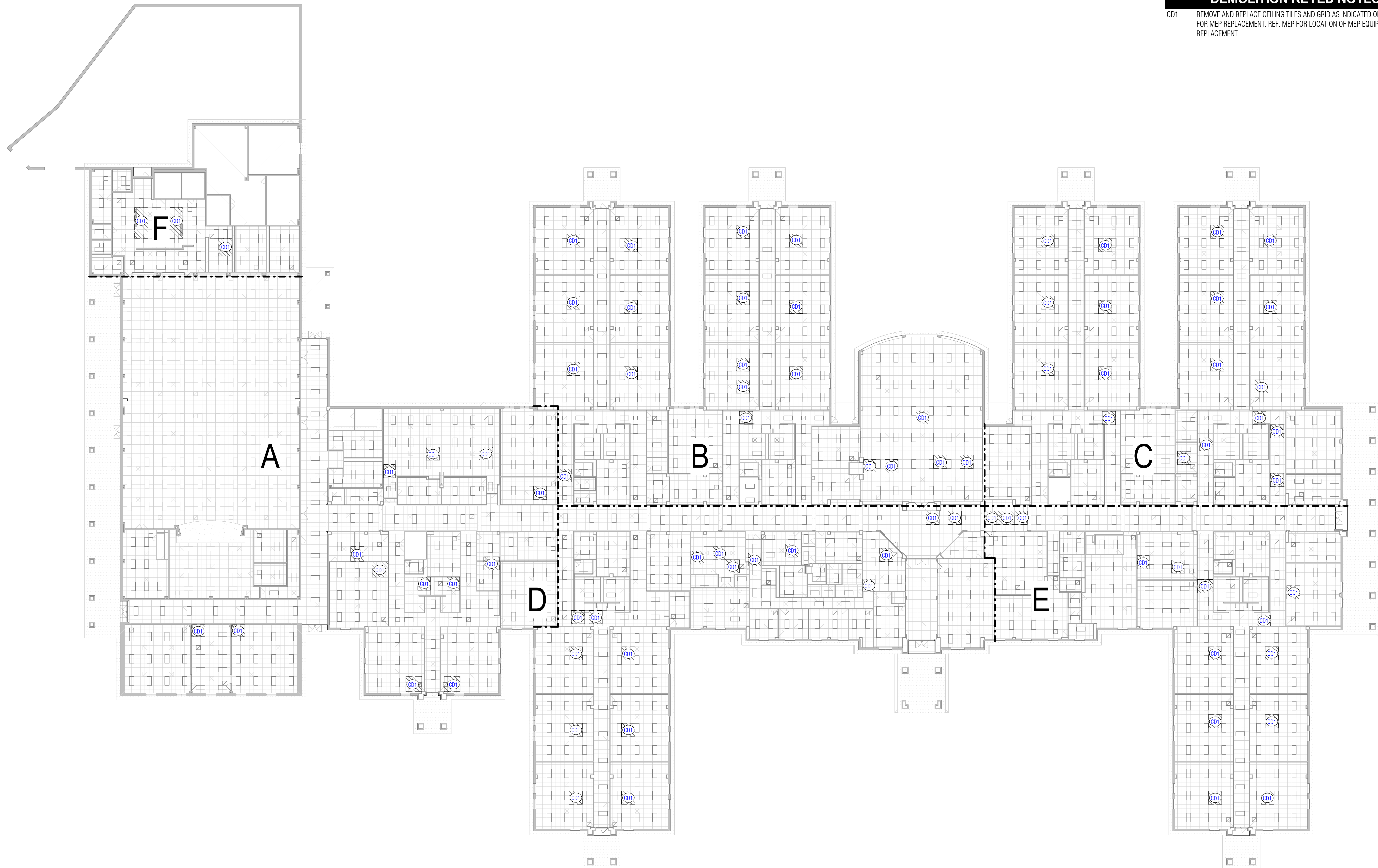
- Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction, unless noted otherwise.
- Existing materials containing asbestos to be removed under separate contract prior to construction by Owner's asbestos abatement contractor.
- Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
- Protect items to remain from damage during demolition.
- Repair or replace at no cost to the Owner any damages to the existing building and site as a result of construction activities.
- Refer to electrical and mechanical demolition plan for additional information.
- Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
- GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
- Floor finish to not impede existing drain cleanout.
- Remove and reinstall metal shelving at same location prior to floor removal/installation.
- Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.

DEMOLITION LEGEND



DEMOLITION KEYED NOTES

CD1 REMOVE AND REPLACE CEILING TILES AND GRID AS INDICATED ON DEMO RCPS FOR MEP REPLACEMENT. REF. MEP FOR LOCATION OF MEP EQUIPMENT REPLACEMENT.



1 OVERALL DEMO REFLECTED CEILING PLAN
 SCALE: 3/64" = 1'-0"

FINISH ACCESSORY, FURNITURE AND EQUIPMENT SCHEDULE

NOTE: ALL MATERIALS, PRODUCTS, SIZES, COLORS AND PATTERNS ARE THE BASIS OF DESIGN. REFERENCE PROJECT MANUAL FOR ADDITIONAL APPROVED MANUFACTURERS MEETING THE DESIGN INTENT. SUBSTITUTIONS WILL BE CONSIDERED WHEN SUBMITTED IN COMPLIANCE WITH SECTION 01 62 00 – PRODUCT OPTIONS.

MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER INFO			SIZE	COMMENTS
			MANUFACTURER	SERIES/STYLE	COLOR/FINISH		
FLOOR FINISH ACCESSORY							
FFA-01	FLOOR TRANSITION	09 68 00	Johnsonite	Slimline Transition	Charcoal		CPT TO RF
FFA-02	FLOOR TRANSITION	09 68 00	Johnsonite	Slimline Transition	Charcoal		CPT TO CPT
FFA-03	FLOOR TRANSITION	09 68 00	Schluter	Reno-U	Satin Nickel Anodized Aluminum		CPT TO T
FFA-04	FLOOR TRANSITION	09 68 00	PEMCO	2727 Series	Aluminum		T TO RF
G-01	GROUT - COLOR A	09 30 13	Mapel	--	Pearl Gray 5019		PORCELAIN FLOOR
SPECIALTY EQUIPMENT							
ATH-01	Wall Pads	11 66 00	ACI	-	Navy	4'-0" x 8'-0"	Gym Wall Pads
ATH-02	Wall Pads	11 66 00	ACI	-	Galaxy Grey	TBD	Regroup Room Wall Pads
WALL FINISH ACCESSORY							
CG-01	CORNER GUARD	10 26 13	CSI	SM20	Fog		
CG-02	CORNER GUARD	10 26 13	CSI	SM20			
G-02	GROUT - COLOR B	09 30 13	Mapel	--	Pearl Gray 5019		WALL TILE
WFA-01	Tile Edge/Corner Trim - Metal	09 30 00	Schluter	Quadec	Satin Nickel Anodized Aluminum	-	TOP & CORNER TRIM

MATERIAL FINISH SCHEDULE

NOTE: ALL MATERIALS, PRODUCTS, SIZES, COLORS AND PATTERNS ARE THE BASIS OF DESIGN. REFERENCE PROJECT MANUAL FOR ADDITIONAL APPROVED MANUFACTURERS MEETING THE DESIGN INTENT. SUBSTITUTIONS WILL BE CONSIDERED WHEN SUBMITTED IN COMPLIANCE WITH SECTION 01 62 00 – PRODUCT OPTIONS.

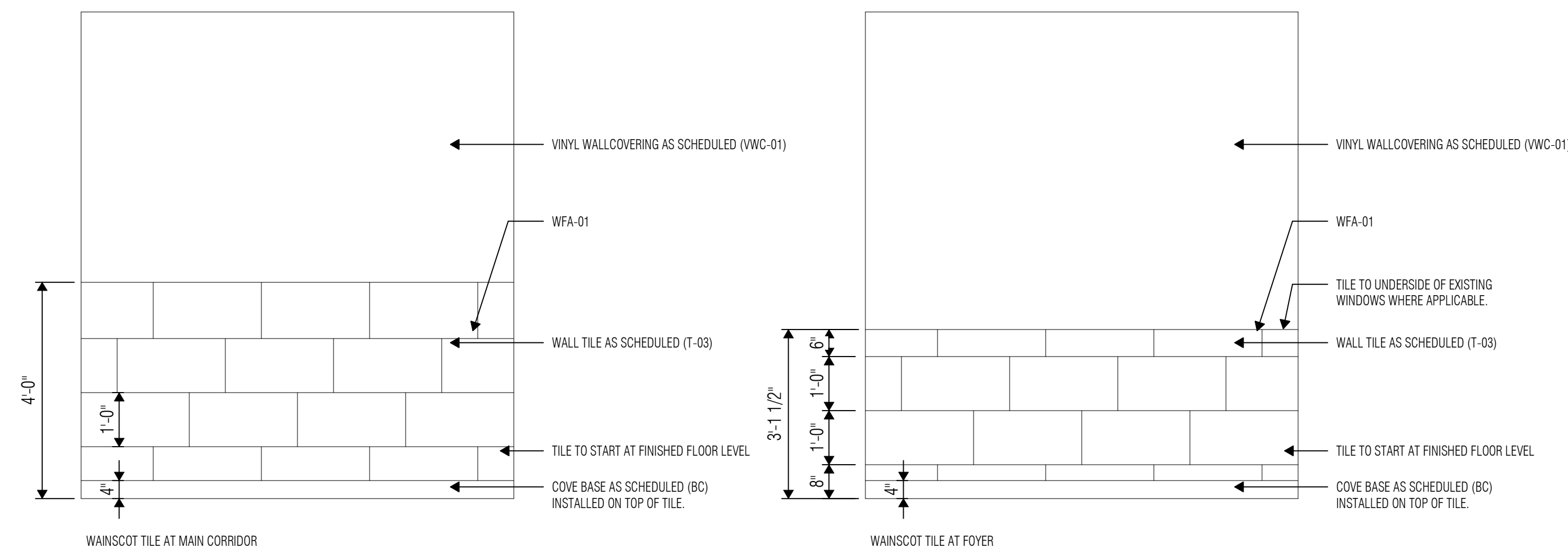
MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER INFO				COMMENTS
			MANUFACTURER	SERIES/STYLE	COLOR/FINISH	SIZE	
BASE FINISH							
BC-01	Base, Rubber Cove	09 65 00	Johnsonite	4" Cove	Charcoal	4'	
BC-02	Base, Rubber Cove Black	09 65 00	Johnsonite	4" Cove	Black	4'	
BT	Base, Tile	09 30 00	Daltile	Portfolio	White PF02	6' x 24"	
CEILING FINISH							
ACT-01	Acoustic Ceiling Tile (24X24)	09 51 00	Armstrong	Fine Fissured Humiguard	White	24" x 24"	
FLOOR FINISH							
CPT-01	Carpet - Broadloom Field	09 68 00	Tarkett	Paradigm	Dapple	Roll	
CPT-02	Carpet - Broadloom Accent	09 68 00	Tarkett	Gaberline	Bedstone	Roll	
CPT-03	Carpet - Walk-Off	09 68 00	Tarkett	Assertive Action	Steelwork	Roll	
CPT-04	Carpet - Broadloom Blue Accent	09 68 00	Tarkett	TBD	TBD	Roll	
RF-01	Resilient Floor - Field	09 65 44	Forbo	Marmoleum Modular	Pluto	20' x 20'	
RF-02	Resilient Floor - Gym	09 65 44	Forbo	Marmoleum MCT	Eiger	13' x 13'	
RF-03	Resilient Floor - Red Striping	09 65 44	Forbo	Marmoleum MCT	Red	--	
RF-04	Resilient Floor - Blue Striping	09 65 44	Forbo	Marmoleum MCT	Blue	--	
T-01	Tile - Porcelain (T-01)	09 30 00	Daltile	Portfolio	White PF02	12" x 24"	
T-02	Tile - Porcelain (T-02)	09 30 00	Daltile	Portfolio	Ash Grey PF05	12" x 24"	
WD	Existing Wood Floor	09 64 29	TBD	TBD	TBD	--	Refinish Existing Floor.
WALL FINISH							
PT-01	Paint - Field	09 91 00	Sherwin Williams	--	TBD	--	To match WVC-01
PT-02	Paint - Accent	09 91 00	Sherwin Williams	--	Naval SW6244	--	
PT-03	Paint - Accent 02	09 91 00	Sherwin Williams	--	TBD	--	Contractor to verify; match existing color.
PT-04	Paint - Accent 03	09 91 00	Sherwin Williams	--	TBD	--	Hollow Metal Door Frames
T-03	Tile - Porcelain	09 30 00	Crossville	Shades 2.0	Frost UPS SHD41	12" x 24"	
WVC-01	Vinyl Wallcovering - Field	09 72 16	Korosal	Linsey	Linum SE21-09	--	
WVC-02	Vinyl Wallcovering - Accent 01	09 72 16	Korosal	Desert Sand	Newburyport Blue 5921-23	--	CONFIRM WITH CLIENT.
WVC-03	Vinyl Wallcovering - Accent 02	09 72 16	Korosal	Flexiweave	Trek FXW1-06	--	

DOOR HARDWARE SCHEDULE

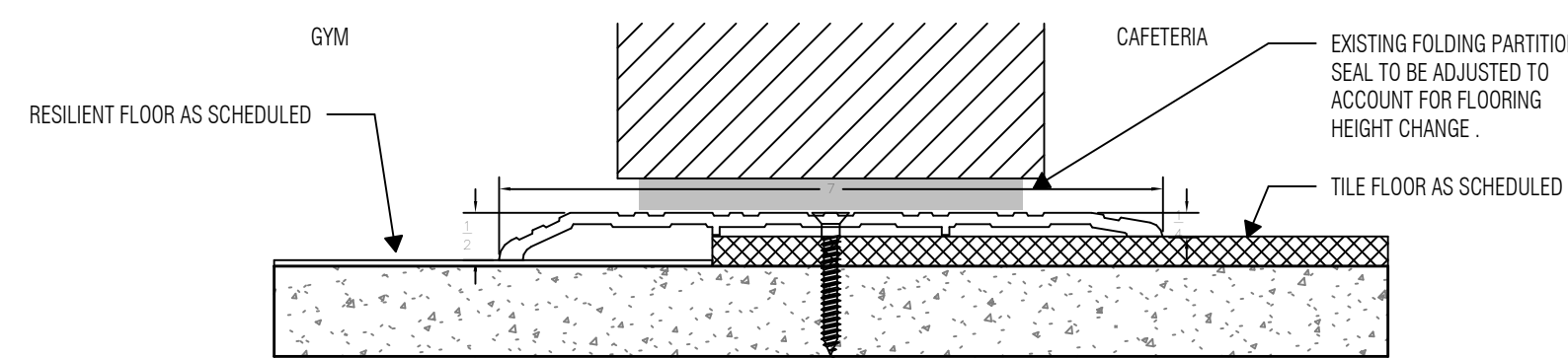
DOOR NUMBER	DOOR TYPE	FRAME TYPE	HDWR SET	REMARKS
UNIT A				
04	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
05	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
06	EX-HM	EX-HM		TWO DOG DOWN CYLINDER REPLACEMENTS + MULLION CYLINDER REPLACEMENT
07	EX-HM	EX-HM		TWO DOG DOWN CYLINDER REPLACEMENTS + MULLION CYLINDER REPLACEMENT
10	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT + MULLION CYLINDER REPLACEMENT
22	EX-HM	EX-HM		MULLION CYLINDER REPLACEMENT
23	EX-HM	EX-HM		MULLION CYLINDER REPLACEMENT
24	EX-HM	EX-HM		MULLION CYLINDER REPLACEMENT
26	EX	EX		TWO CYLINDER REPLACEMENT IN TWO SWITCHES @ OH COILING DOOR - MATCH DISTRICT MASTER SYSTEM
R01	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT B				
14	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
15	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
R04	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
R05	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT C				
16	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
R06	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
R07	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT D				
01	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT + MULLION CYLINDER REPLACEMENT
21	EX-PL	EX-AL		ONE CYLINDER REPLACEMENT
25	EX-HM	EX-HM		MULLION CYLINDER REPLACEMENT
R08	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT E				
19	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT + MULLION CYLINDER REPLACEMENT
R14	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)

DOOR SCHEDULE NOTES

- At Doors with a Door Type or Frame Type designation "EX", the door or door frame is existing to remain.
- Refer to Hardware Schedule for additional information regarding hardware.



1 WAINSCOT TILE ALTERNATE
SCALE: 1/2" = 1'-0"



2 TRANSITION DETAIL AT GYM & CAFETERIA
SCALE: 6" = 1'-0"



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ISSUED: 11/14/2024
REVISIONS
Revision No. Revision Date

Director: Drawn By:
Approver: Author
Designer: Quality Control
Designer: Proj. Arch.
Checker: Checker

PROJECT NO.
24-045.00
SHEET TITLE
GILE - MATERIAL FINISH AND DOOR SCHEDULES

SHEET NO.

A29.01

CCISD PROJECT NO: 2025.401
CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.
24-045.00

SHEET TITLE
GILE - MECHANICAL SYMBOL LEGEND

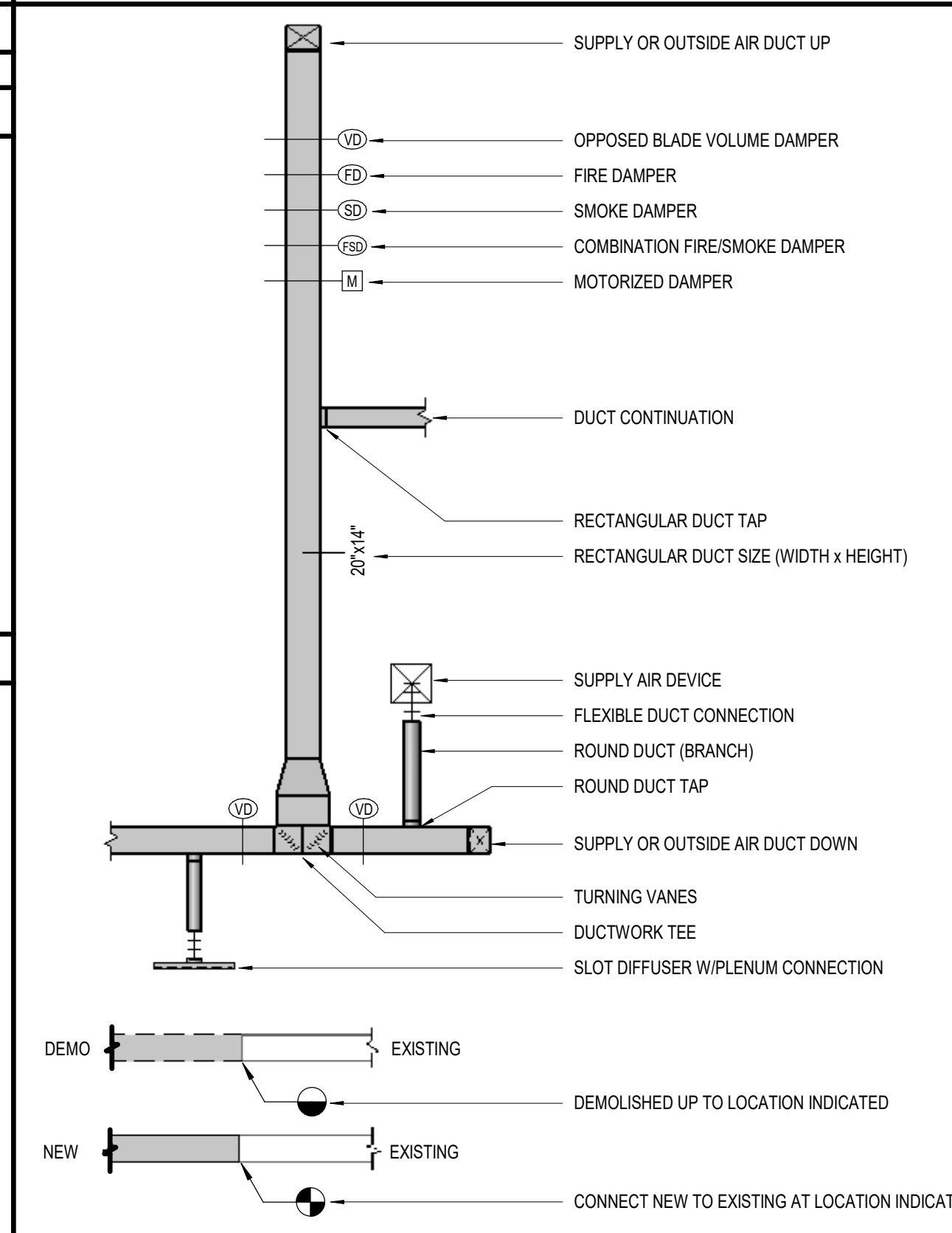
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 DBR Project # 240244
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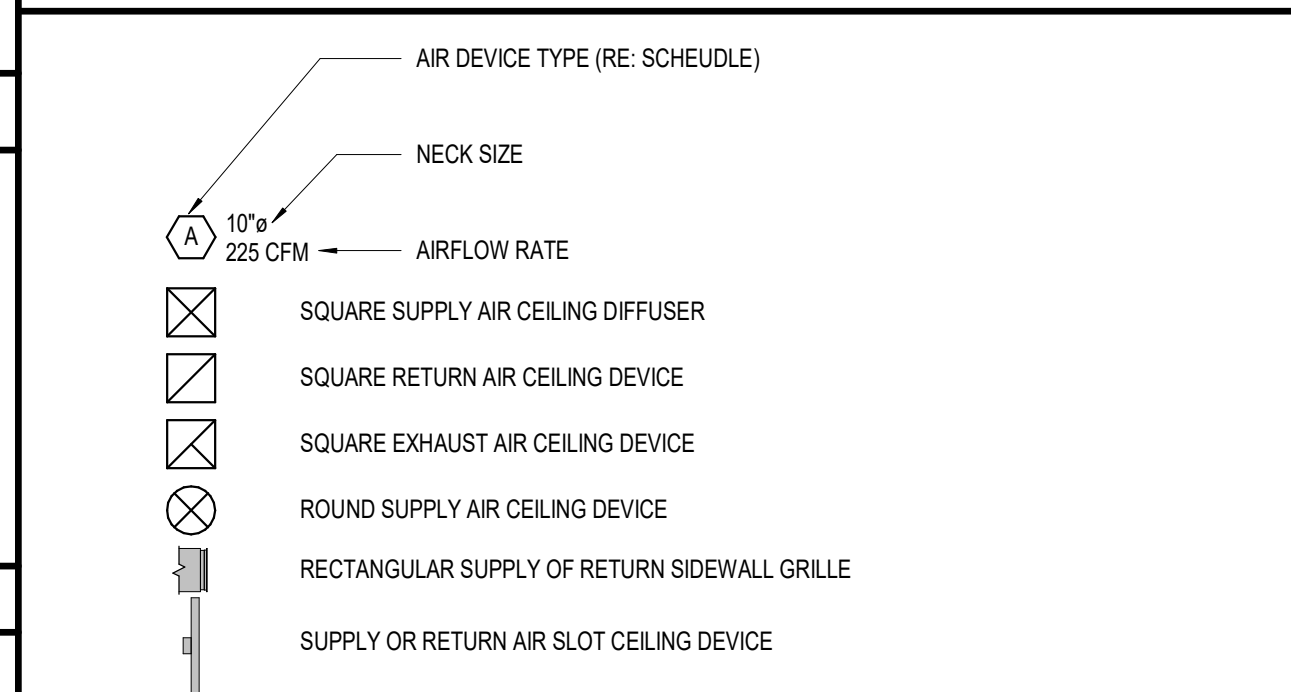
ABBREVIATIONS

A		F		Q	
A	AIR (COMPRESSED)	F	FAHRENHEIT, FIRE FURNISHED BY OTHERS	QTY	QUANTITY
ABV	AIR CONDITIONING	FBO	FLOOR CLEAN OUT	R	
AC	AIR COOLED CHILLER	FCO	FLOOR CONTROL STATION		
ACCH	AIR COOLED CONDENSING UNIT	FCU	FAN COIL UNIT		
AD	ACCESS DOOR, AREA DRAIN	FD	FLOOR DRAIN, FIRE DAMPER		
ADJ	ADJUSTABLE	FDG	FIRE DEPARTMENT SIAWEESE CONNECTION		
AF	AIR FILTER	FDV	FIRE DEPARTMENT VALVE		
AFC	ABOVE FINISHED CEILING	FH	FIRE HYDRANT		
AFF	ABOVE FINISHED FLOOR	FHC	FIRE HOSE CABINET		
AFG	ABOVE FINISHED GRADE	FHR	FIRE HOSE RACK		
AHRI	AIR-CONDITIONING, HEATING, AND REFRIGERATION INSTITUTE	FLA	FULL LOAD AMPS		
AHU	AIR HANDLING UNIT	FLX	FLEXIBLE FLOOR	S	
AL	ALUMINUM	FLR	FLOOR		
AMB	AMBIENT	FPTU	FAN POWERED TERMINAL UNIT		
AP	ACCESS PANEL	FT	FOOT, FEET		
APD	AIR PRESSURE DROP	FUT	FUTURE		
ARCH	ARCHITECT, ARCHITECTURAL	G			
AS	AIR SEPARATOR	G	GAS		
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS	GA	GAUGE		
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	GAL	GALLON		
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS	GALV	GALVANIZED		
AV	ACID VENT, AIR VENT	GC	GENERAL CONTRACTOR		
AVG	AVERAGE	GLV	GLOBE VALVE		
AW	ACID WASTE	GND	GROUND		
AWS	AMERICAN WELDING SOCIETY	GPM	GALLONS PER MINUTE		
AUX	AUXILIARY	GV	GATE VALVE		
B		H		T	
B	BOILER	HORIZ	HORIZONTAL	TC	TEMPERATURE CONTROL
BC	BELOW COUNTER	HP	HORSEPOWER	TCC	TEMPERATURE CORNEAL COMPRESSOR
B/C	BACK OF CURB	HT	HEIGHT	TD	TRENCH DRAIN
BFF	BELOW FINISHED FLOOR	HTG	HEATING	TDH	TOTAL DYNAMIC HEAD
BV	BUTTERFLY VALVE	HTR	HEATER	TF	TRANSFER FAN
BH	BOX HYDRANT	HW	HOT WATER	TH BLK	THRUST BLOCK
BLDG	BUILDING	HWP	HEATING WATER PUMP	THERM	THERMIST
BH	BENCHMARK	HWR	HOT WATER RETURN	TMV	THERMOSTATIC MIXING VALVE
BOF	BOTTOM OF FOOTING	HWS	HOT WATER SUPPLY	TP	TRAP PRIMER
BOS	BOTTOM OF STRUCTURE	HX	HEAT EXCHANGER	TRD	TRAP PRIMER DEVICE
BP	BACKFLOW PREVENTER	HC	HERTZ	TSP	TOTAL STATIC PRESSURE
BTU	BRITISH THERMAL UNIT	ID	INSIDE DIAMETER	TSTAT	THERMOSTAT
BV	BALL VALVE	IE	INVERT ELEVATION	TW	TEMPERED HOT WATER
BWV	BACK WATER VALVE	IR	INFRARED HEATER	TYP	TYPICAL
C		I		U	
C	CELSIUS	IB	INSIDE DIAMETER	U	URINAL
CAB	CABINET	IP	INVERT ELEVATION	UCD	UNDER CUT DOOR
CB	CATCH BASIN	IS	INSULATION	UG	UNDERGROUND
CD	CONDENSATE DRAIN LINE	IN	INCH	UH	UNIT HEATER
CFM	CUBIC FEET PER MINUTE	INT	INTERNAL, INTERIOR	UL	UNDERWRITERS LABORATORIES, INC
CFS	CUBIC FEET PER SECOND	INV	INVERT	UNO	UNLESS NOTED OTHERWISE
CH	CHILLER	ISUL	INSULATION	UF	UNDERFLOOR
CHR	CHILLED WATER RETURN	INT	INTERNAL, INTERIOR	US	UNDERSLAB
CHS	CHILLED WATER SUPPLY	INVT	INVERT	V	
CHW	CHILLED WATER	JW	JUNCTION BOX	V	VOLT
CHWP	CHILLED WATER PUMP	JP	JOCKEY PUMP	VA	VOLT-AMPERE
CI	CAST IRON	KEC	KITCHEN EQUIPMENT CONTRACTOR	VAC	VACUUM
CIRC	CIRCULATING	KD	KIDDOQUIT	VAV	VARIABLE AIR VOLUME
CL	CENTERLINE	KVA	KILOVOLT-AMPS	VB	VALVE BOX, VACUUM BREAKER
CLG	CEILING	KW	KILOWATT	VD	VOLUME DAMPER
CLR	CONCRETE MASONRY UNIT	L	LENGTH	VEL	VELOCITY
COL	COLUMN	LAT	LEAVING AIR TEMPERATURE	VERT	VERTICAL
COMB	COMBINATION	LAV	LAVATORY	VFD	VARIABLE FREQUENCY DRIVE
COMP	COMPRESSOR	LF	LINEAR FEET	VB	VALVE IN BOX
CONC	CONCRETE, CONCENTRIC	LP	LOW PRESSURE	VOV	VALVE ON VERTICAL
COND	CONDENSER, CONDENSATE	LRA	LOCKED ROTOR AMPS	VP	VACUUM PUMP
CONN	CONNECTION	LVL	LEVEL	VR	VARIABLE AIR VOLUME REHEAT
CONT	CONTINUOUS, CONTINUATION	LWB	LEAVING WET BULB	VTR	VENT THRU ROOF
CTR	CENTER	LWCO	LOW WATER CUT OFF	W	
CJ	COPPER	LWT	LEAVING WATER TEMPERATURE	W	WATT, WIDTH
D		M		Y	
D	DEPTH, DRAIN, DRYER	MAT	MIXED AIR TEMPERATURE	Y	YARD HYDRANT
DB	DRY BULB	MAX	MAXIMUM	Z	
DC	DIRECT CURRENT	MBTUH	THOUSANDS OF BTUS	Z	ZONE
DDC	DIRECT DIGITAL CONTROL	MECH	MECHANICAL CONTRACTOR	Z	
DDMB	DUAL DUCT MIXING BOX	MFR	MANUFACTURER	Z	
DESIG	DESIGNATION	MH	MANKOLE	Z	
DTL	DETAIL	MI	MALLEABLE IRON	Z	
DIA	DIAMETER	MIN	MINIMUM	Z	
DIFF	DIFFUSER	MP	MEDIUM PRESSURE	Z	
DIM	DISCONNECT	MS	MOP SINK	Z	
DN	DOWN	MTD	MOUNTED	Z	
DPR	DAMPER	MU	MAKEUP	Z	
DW	DISHWASHER	MVD	MANUAL VOLUME DAMPER	Z	
DWG	DRAWING	MSAH	MINI-SPLIT AIR HANDLER	Z	
DWH	DOMESTIC WATER HEATER	MSCU	MINI-SPLIT CONDENSING UNIT	Z	
DWP	DOMESTIC WATER PUMP	N		Z	
DX	DIRECT EXPANSION	N.C.	NORMALLY CLOSED	Z	
E		NFA	NATIONAL FIRE PROTECTION ASSOCIATION	Z	
EA	EACH	NIC	NOT IN CONTRACT	Z	
EAT	ENTERING AIR TEMPERATURE	N.O.	NORMALLY OPEN	Z	
EC	ELECTRICAL CONTRACTOR	NO.	NUMBER	Z	
ECC	ECCENTRIC	NTS	NOT TO SCALE	Z	
EDB	ENTERING DRY BULB	O		Z	
EDH	ELECTRIC DUCT HEATER	OA	OUTSIDE AIR	Z	
EF	EXHAUST FAN	OAF	OUTSIDE AIR FAN	Z	
EFF	EFFICIENCY	OAHU	OUTSIDE AIR HANDLING UNIT	Z	
EJ	EXPANSION JOINT	OBD	OPPOSED BLADE DAMPER	Z	
EL	ELEVATION	OC	ON CENTER	Z	
ELEC	ELECTRICAL	OD	OUTSIDE DIAMETER, OVERFLOW DRAIN	Z	
EMERG	EMERGENCY	OFCU	OUTSIDE AIR FAN COIL UNIT	Z	
ENCL	ENCLOSURE	OSY	OPEN STEM AND YOLK	Z	
ENGR	ENGINEER	P		Z	
EQ	EQUAL EQUIPMENT	PG	PRESSURE GAUGE	Z	
EQU	EQUIPMENT	PP	POLYPROPYLENE	Z	
ESP	EXTERNAL STATIC PRESSURE	PPM	PARTS PER MILLION	Z	
ET	EXPANSION TANK	PRI	PRIMARY	Z	
ETR	EXISTING TO REMAIN	PRS	PRESSURE REDUCING STATION	Z	
EVAP	EVAPORATOR	PRV	PRESSURE REDUCING VALVE	Z	
ENB	ENTERING WET BULB	PSF	POUNDS PER SQUARE FOOT	Z	
EWT	ENTERING WATER TEMPERATURE	PSI	POUNDS PER SQUARE INCH	Z	
EX	EXTERNAL	PSIG	POUNDS PER SQUARE INCH GAUGE	Z	
EXTG	EXISTING	PV	PLUG VALVE	Z	
		PVC	POLYVINYL CHLORIDE	Z	

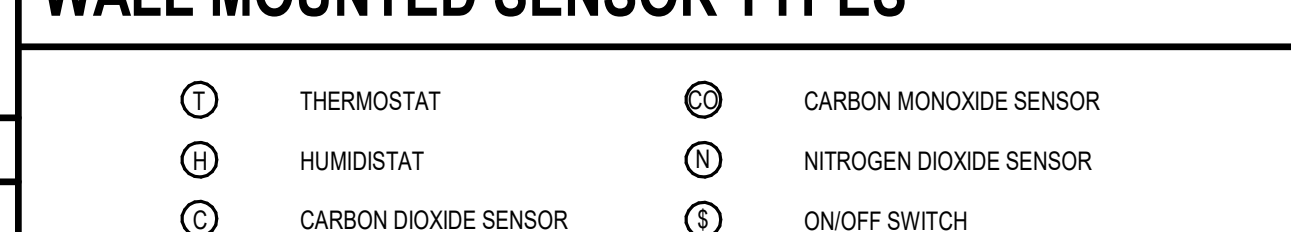
DUCTWORK



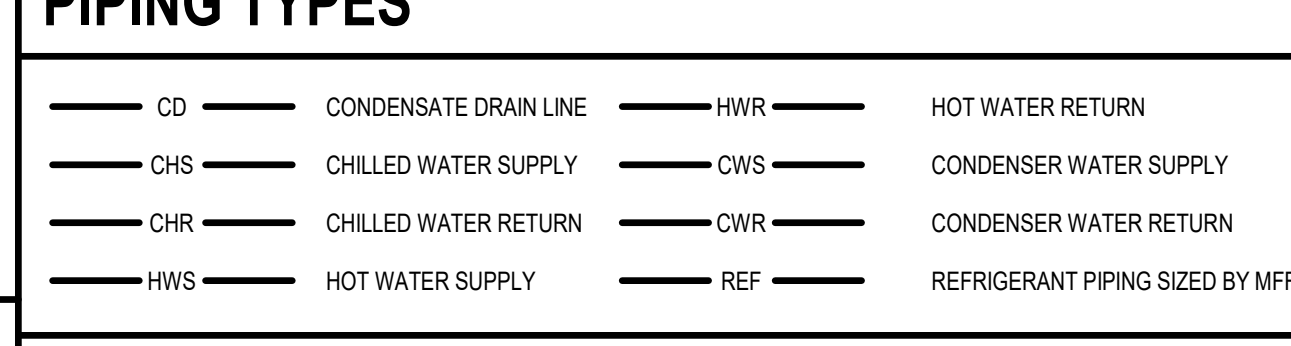
AIR DEVICE TYPES



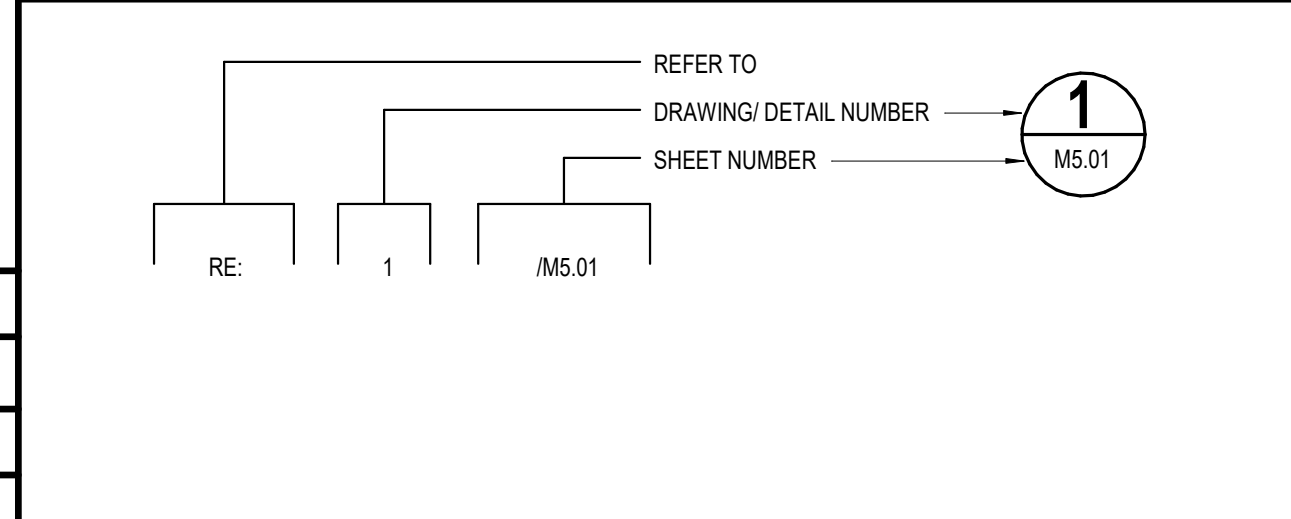
WALL MOUNTED SENSOR TYPES



PIPING TYPES



DRAWING/DETAIL REFERENCE KEY



MECHANICAL GENERAL NOTES

- PIPING AND DUCTWORK SHOWN ON PLANS ARE SCHEMATIC ONLY. COORDINATE WITH OTHER TRADES FOR PIPING AND DUCTWORK. ROUTING, OFFSET AND RUN PIPING DUCTWORK INSIDE THE STRUCTURE IF REQUIRED. PROVIDE ALL NECESSARY PIPING, DUCTWORK, FITTINGS, INSULATION, AND OTHER ACCESSORIES IN ORDER TO COMPLETE THE INSTALLATIONS.
- EXACT LOCATIONS OF EQUIPMENT, GRILLES, AND DAMPERS SHALL BE FIELD COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS AND ALLOW ADEQUATE CLEARANCES.
- EQUIPMENT SIZES, DIMENSIONS, AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE MANUFACTURER DRAWINGS AND CUTSHEETS BEFORE FABRICATING OF DUCTWORK, PIPING, OR POURING OF CONCRETE HOUSEKEEPING PADS.
- SHEET METAL INLET DUCTS TO VAV TERMINAL UNITS SHALL BE SAME SIZE AS THE BOX INLET SIZE. PROVIDE RIGID ROUND DUCT THAT IS ONE SIZE LARGER THAN THE INLET BOX SIZE IF THE DISTANCE BETWEEN THE MAIN DUCT AND THE VAV BOX IS MORE THAN 6'-0".
- PROVIDE CONICAL SPIN-IN CONNECTOR FOR ALL ROUND DUCT CONNECTIONS TO VAV TERMINAL UNITS.
- INSTALL EQUIPMENT TO ENSURE ACCESS PANELS ARE NOT BLOCKED. ACCESS FOR SERVICE MUST BE PROVIDED.
- MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
- DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS.
- PROVIDE RECTANGULAR BRANCH DUCT TAP FOR ALL RECTANGULAR DUCT CONNECTIONS TO RECTANGULAR DUCT TRUNKS.
- ALL DUCTWORK AND ASSOCIATED ACCESSORIES SHALL BE CONSTRUCTED TO MEET THE LATEST SMACNA STANDARDS FOR HVAC DUCT CONSTRUCTION.
- ALL OUTSIDE AIR, SUPPLY AIR, AND RETURN AIR DUCTWORK AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION WHERE LOCATED IN UNCONDITIONED SPACES AND SHALL BE INSULATED WITH A MINIMUM OF R-8 INSULATION WHERE LOCATED OUTSIDE THE BUILDING. REFER TO SPECIFICATION 23 07 13 DUCT INSULATION FOR FURTHER INFORMATION AND ADDITIONAL REQUIREMENTS.
- ALL DUCTWORK SHALL BE CONSTRUCTED TO SEAL CLASS 'A' AS REFERENCED IN SMACNA STANDARDS. ALL NON WELDED JOINTS AND SEAMS SHALL BE SEALED. THIS INCLUDES BUT IS NOT LIMITED TO TRANSVERSE JOINTS, LONGITUDINAL SEAMS, DUCT WALL PENETRATIONS, SPANNS, TAPS, AND OTHER BRANCH CONNECTIONS. ACCESS DOORS, ACCESS PANELS, AND DUCT CONNECTIONS TO EQUIPMENT OPENINGS FOR ROTATING SHAFTS SHALL ALSO BE SEALED WITH BUSHINGS. REFER TO SPECIFICATION 23 31 13 METAL DUCTWORK FOR FURTHER INFORMATION.
- MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ACTUAL INSTALLATION OF TEMPERATURE SENSORS AND HUMIDITY SENSORS.
- PROVIDE REMOTE SPIN-IN DAMPER OPERATOR FOR SPIN-IN CONNECTIONS AND VOLUME DAMPERS LOCATED OVER GYPSUM CEILINGS.
- PROVIDE AIRFLOW TYPE TURNING VANES IN ALL 90 DEGREE ELBOWS.
- PROVIDE INSULATED ACCESS DOORS FOR DUCTWORK DOWNSTREAM OF AIR HANDLING UNITS AT EVERY 20'-0" TO FACILITATE DUCT CLEANING. PROVIDE ACCESS DOORS WITHIN 5'-0" OF EACH ELBOW.
- COORDINATE LOCATIONS OF FLOOR AND WALL OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.
- ALL CEILING MOUNTED AND WALL MOUNTED AIR DEVICE FINISHES SHALL MATCH ADJACENT ARCHITECTURAL SURFACE. CONTRACTOR SHALL COORDINATE COLOR WITH ARCHITECT.
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL OUTSIDE AIR INTAKES TO MAINTAIN 15 FEET DISTANCE BETWEEN OUTSIDE AIR INTAKES AND ANY EXHAUST AIR OUTLET, FLUES OR PLUMBING VENTS.
- ALL KITCHEN GREASE EXHAUST DUCTWORK SHALL BE CONTINUOUSLY WELDED 16 GA CARBON STEEL. ALL GREASE EXHAUST DUCTS SHALL BE WRAPPED WITH 3M 2 HR. FIRE RATED WRAP OR INSTALLED WITHIN A FIRE RATED ENCLOSURE.

ROOF MOUNTED EQUIPMENT ANCHORAGE REQUIREMENTS

- ALL ROOF MOUNTED EQUIPMENT CURBS, ROOF MOUNTED EQUIPMENT TIE DOWNS, AND CONNECTIONS OF ALL EQUIPMENT TO BUILDING STRUCTURE FOR WIND LOADING ARE TO BE DESIGNED AND ENGINEERED BY A REGISTERED SPECIALTY ENGINEER. RETAINED BY THE CONTRACTOR. DESIGN CRITERIA FOR WIND LOADING SHALL BE AS INDICATED IN THE CONSTRUCTION DOCUMENTS AND PER LOCAL CODES FOR THE PROJECT LOCATION AND BUILDING CATEGORY. SIGNED AND SEALED DRAWINGS AND CALCULATIONS ARE TO BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL. THE SUBMITTAL SHALL INCLUDE ATTACHMENT DETAILS OF THE EQUIPMENT TO THE STRUCTURE WITH DESIGN LOADS, LOCATIONS, AND METHODS OF ATTACHMENT. THE CONTRACTOR SHALL ALSO SUBMIT THE INFORMATION TO THE STRUCTURAL ENGINEER TO COORDINATE THE DESIGN OF THE PRIMARY STRUCTURAL FRAME WITH THE FINAL LOADS AND ATTACHMENTS SUBMITTED.

CONTROLS SCHEMATIC SYMBOLS LEGEND

AI	ANALOG INPUT	FS	FLOW SWITCH
AO	ANALOG OUTPUT	DAT	DISCHARGE AIR TEMPERATURE SENSOR
DBI	DIGITAL/BINARY INPUT	S	WALL SENSOR
DOB	DIGITAL/BINARY OUTPUT	T	THERMOSTAT
MD	ON-OFF MOTORIZED DAMPER	CO2	CARBON DIOXIDE SENSOR
MMD	MODULATING TYPE MOTORIZED DAMPER	SP	SET POINT
AFMS	AIR FLOW MEASURING STATION	SIA	SUPPLY AIR
MCV	CONTROL VALVE MODULATING TYPE	RIA	RETURN AIR
VFD	VARIABLE FREQUENCY DRIVE	OIA	OUTSIDE AIR
CSR	CURRENT SENSING RELAY	HC	HEATING COIL
FRZ	FREEZESTAT	CC	COOLING COIL
HSL	HIGH STATIC LIMIT	DX	DIRECT EXPANSION COOLING COIL
SPT	STATIC PRESSURE TRANSMITTER	PICCV	PRESSURE INDEPENDENT CHARACTERIZED CONTROL VALVE
DPT	DIFFERENTIAL PRESSURE TRANSDUCER	AFC	AIRFLOW CROSS
FM	FLOW METER	DPS	DIFFERENTIAL PRESSURE SWITCH

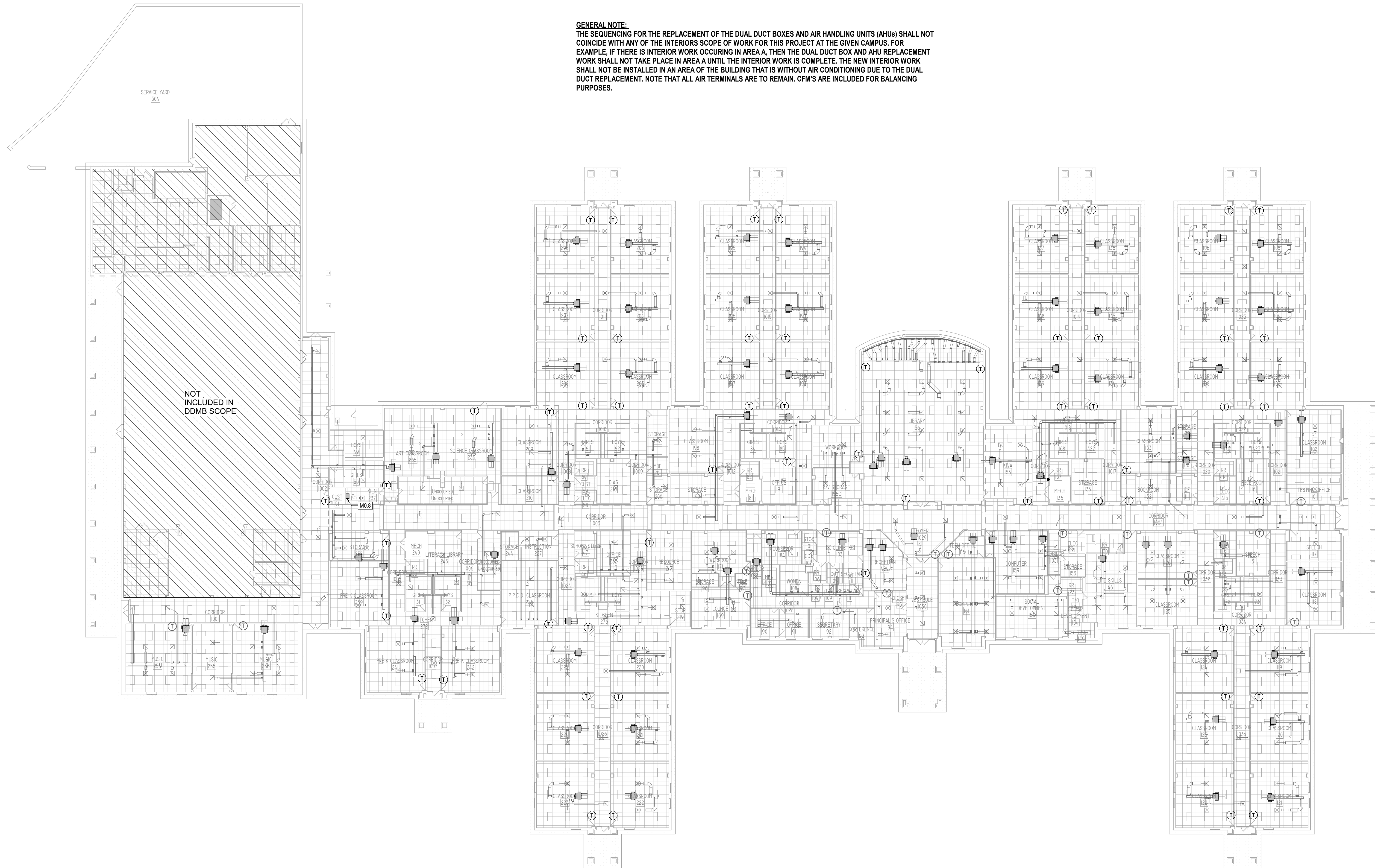


M20.00

MECHANICAL KEYED NOTES

M0.8 REMOVE EXISTING 'VENT-A-KIN' EXHAUST HOOD AND FAN ASSEMBLY.

GENERAL NOTE:
 THE SEQUENCING FOR THE REPLACEMENT OF THE DUAL DUCT BOXES AND AIR HANDLING UNITS (AHUs) SHALL NOT COINCIDE WITH ANY OF THE INTERIORS SCOPE OF WORK FOR THIS PROJECT AT THE GIVEN CAMPUS. FOR EXAMPLE, IF THERE IS INTERIOR WORK OCCURRING IN AREA A, THEN THE DUAL DUCT BOX AND AHU REPLACEMENT WORK SHALL NOT TAKE PLACE IN AREA A UNTIL THE INTERIOR WORK IS COMPLETE. THE NEW INTERIOR WORK SHALL NOT BE INSTALLED IN AN AREA OF THE BUILDING THAT IS WITHOUT AIR CONDITIONING DUE TO THE DUAL DUCT REPLACEMENT. NOTE THAT ALL AIR TERMINALS ARE TO REMAIN. CFM'S ARE INCLUDED FOR BALANCING PURPOSES.

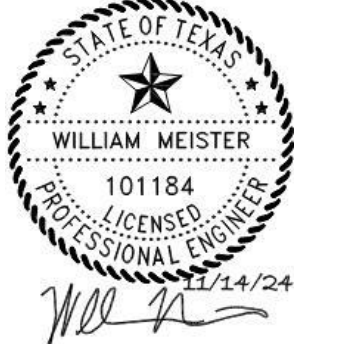
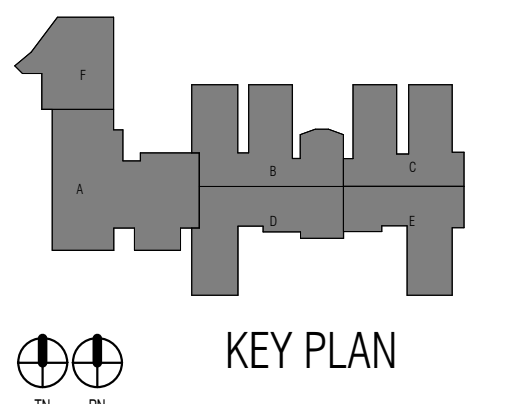


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 2025.401



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

GILE - DEMO COMPOSITE MECHANICAL PLAN

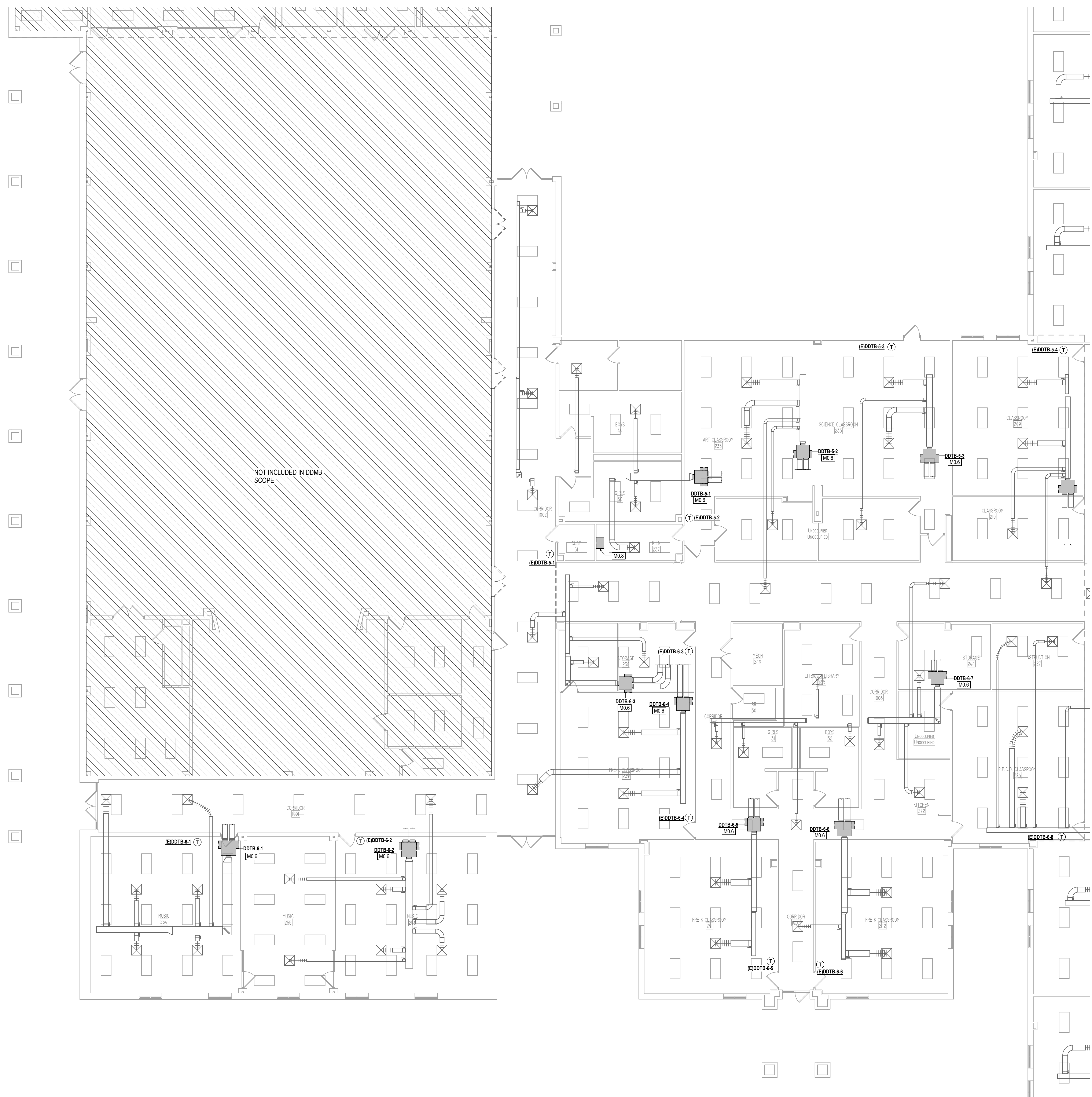
SHEET NO.

M22.01

1 DEMO COMPOSITE MECHANICAL PLAN - LEVEL ONE
 M22.01 1" = 20'-0"



CCISD Priority Repairs - BAUE GILE WEBE



MECHANICAL KEYED NOTES

- MO.6 REMOVE EXISTING DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. ALL ASSOCIATED DUCT CONNECTIONS AND ELECTRICAL COMPONENTS THAT WILL NOT BE REUSED SHALL BE REMOVED. COORDINATE DEMOLITION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF DEMOLITION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.
- MO.8 REMOVE EXISTING "VENT-A-KIN" EXHAUST HOOD AND FAN ASSEMBLY.

GENERAL NOTE:
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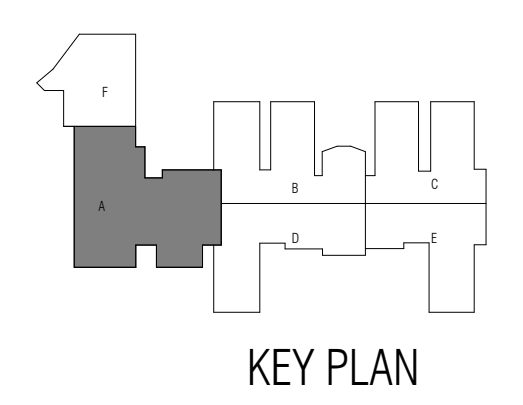


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CLEAR CREEK ISD
 LEAGUE CITY, TEXAS

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SHEET TITLE

GILE - DEMO PLAN - UNIT A

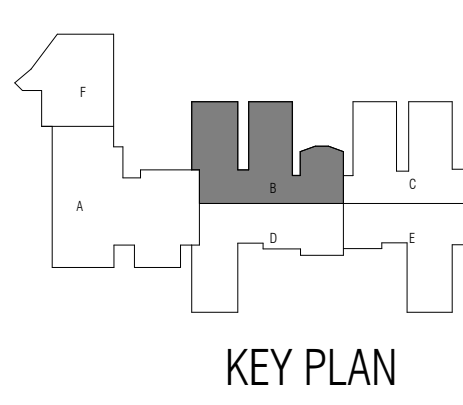
SHEET NO.

M22.01A

MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT A
 1/8" = 1'-0"



CCISD Priority Repairs - BAUE GILE WEBE



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 Designer
 Designer
 Proj. Arch.
 DBR

Drawn By
 DBR
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PROJECT NO.
 24-045.00

SHEET TITLE

GILE - DEMO PLAN - UNIT B

SHEET NO.

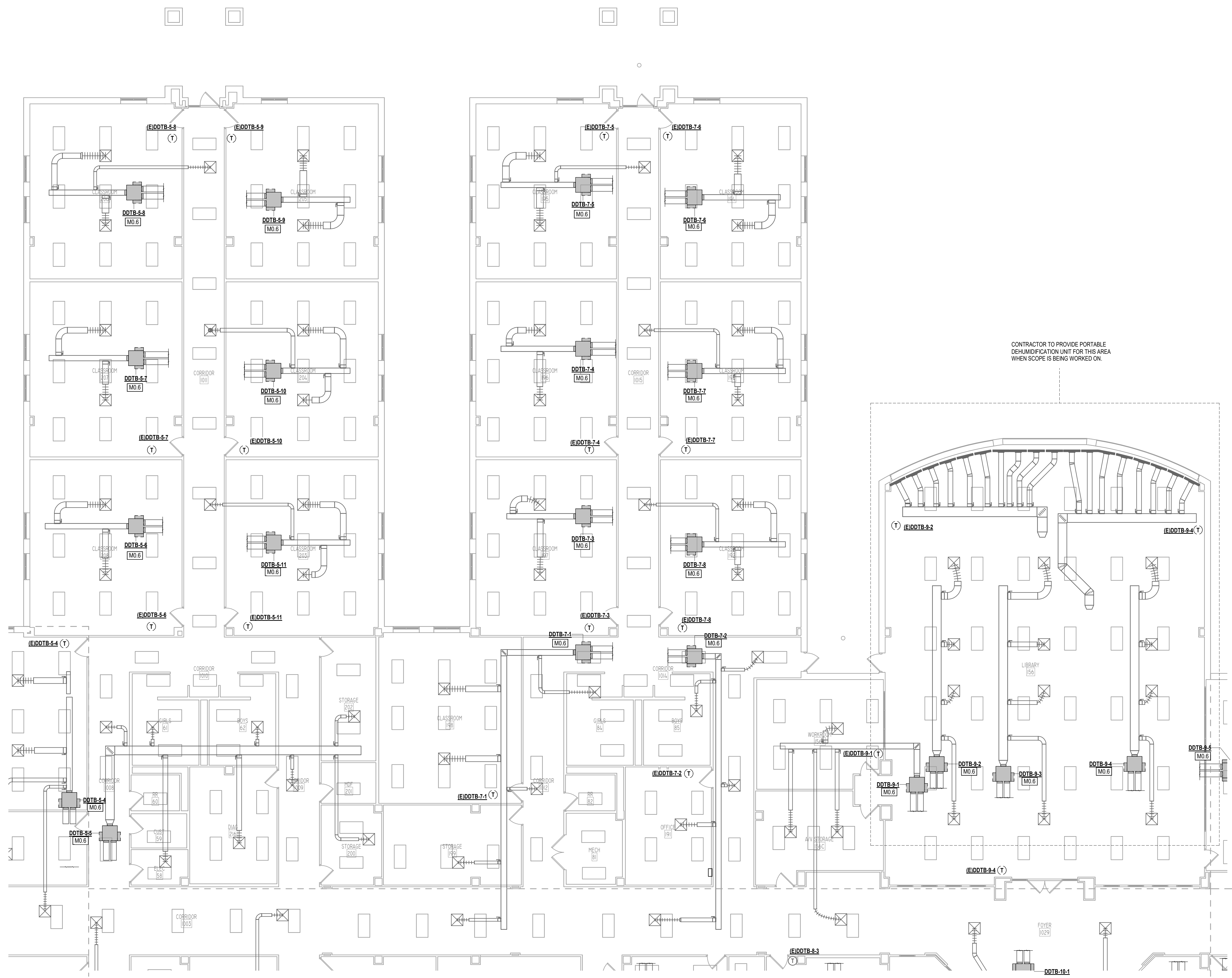
M22.01B

MECHANICAL KEYED NOTES

M0.6 REMOVE EXISTING DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. ALL ASSOCIATED DUCT CONNECTIONS AND ELECTRICAL COMPONENTS THAT WILL NOT BE REUSED SHALL BE REMOVED. COORDINATE DEMOLITION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF DEMOLITION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.

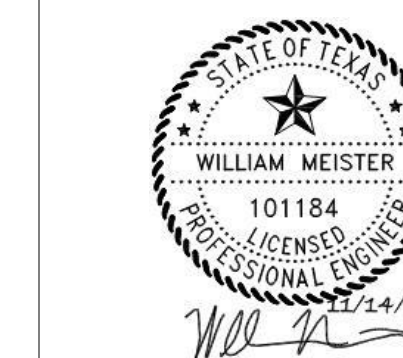
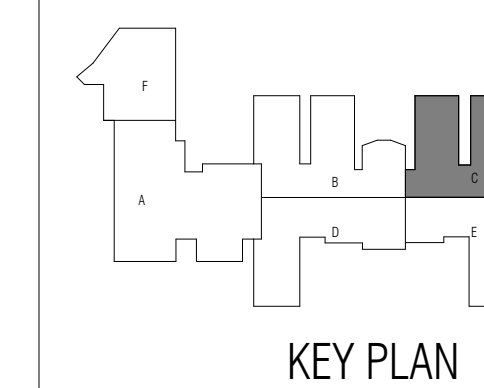
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CONTRACTOR TO PROVIDE PORTABLE DEHUMIDIFICATION UNIT FOR THIS AREA WHEN SCOPE IS BEING WORKED ON.



M22.01B MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT B
 1/8" = 1'-0"





ISSUED: 11/14/2024

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Proj. Arch.	DBR

PROJECT NO.

24-045.00

SHEET TITLE

GILE - DEMO PLAN - UNIT C

SHEET NO.

M22.01C

MECHANICAL KEYED NOTES

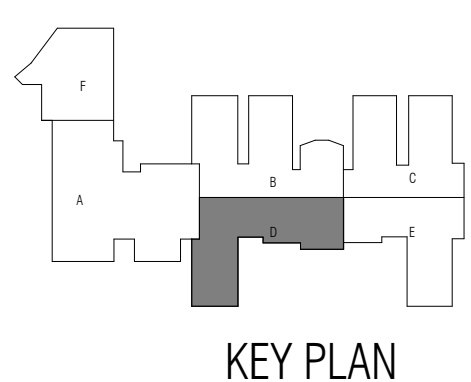
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M22.01C
MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT C
 1/8" = 1'-0"





ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.

24-045.00

SHEET TITLE

GILE - DEMO PLAN - UNIT D

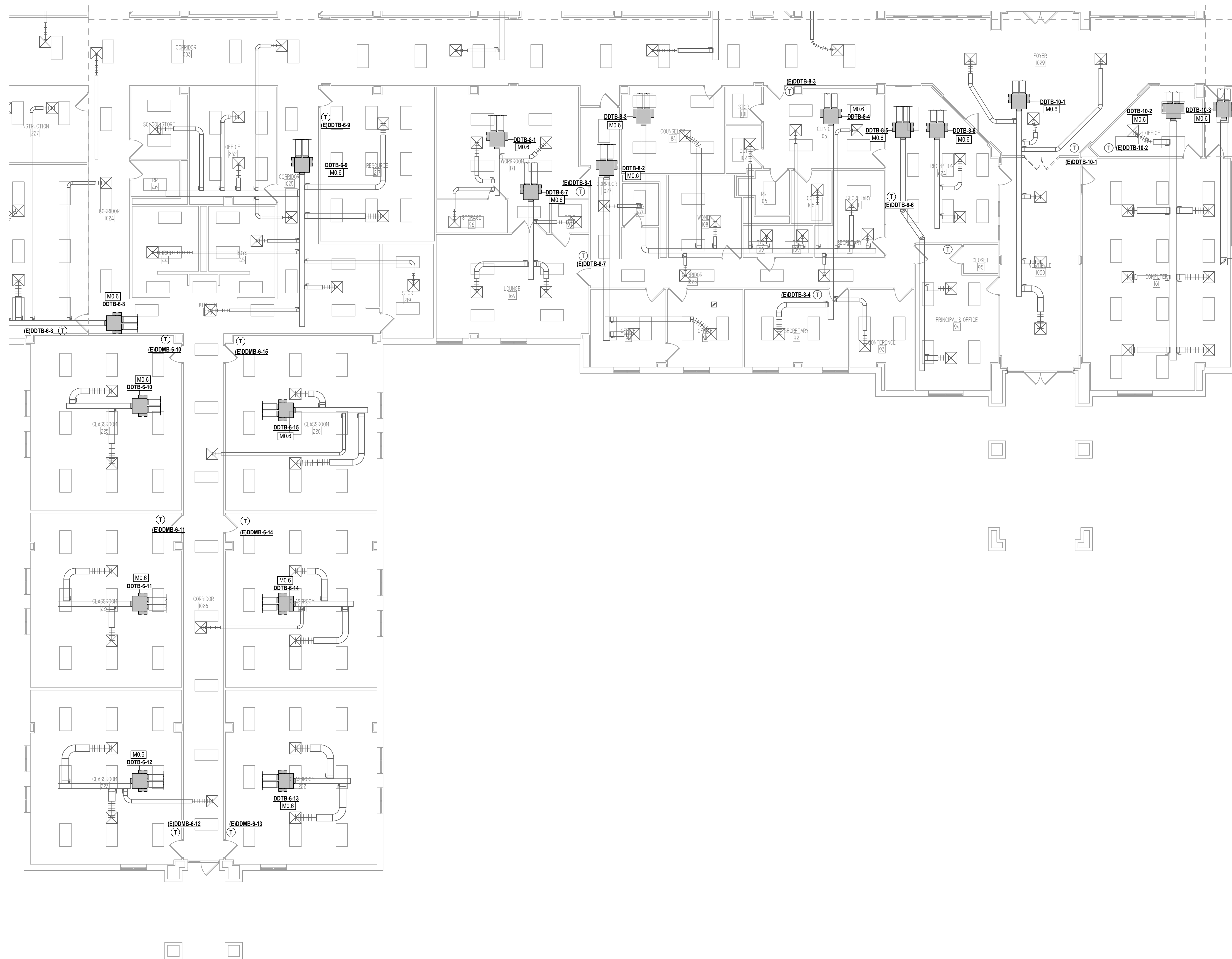
SHEET NO.

M22.01D

MECHANICAL KEYED NOTES

M0.6 REMOVE EXISTING DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. ALL ASSOCIATED DUCT CONNECTIONS AND ELECTRICAL COMPONENTS THAT WILL NOT BE REUSED SHALL BE REMOVED. COORDINATE DEMOLITION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF DEMOLITION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.

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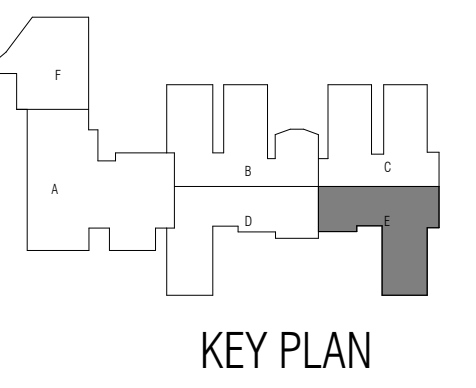
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CLEAR CREEK ISD
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CCISD PROJECT NO:
 2025.401



CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

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Director
 Approver
 Designer
 Designer
 Proj. Arch.
 DBR

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 Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

GILE - DEMO PLAN - UNIT E

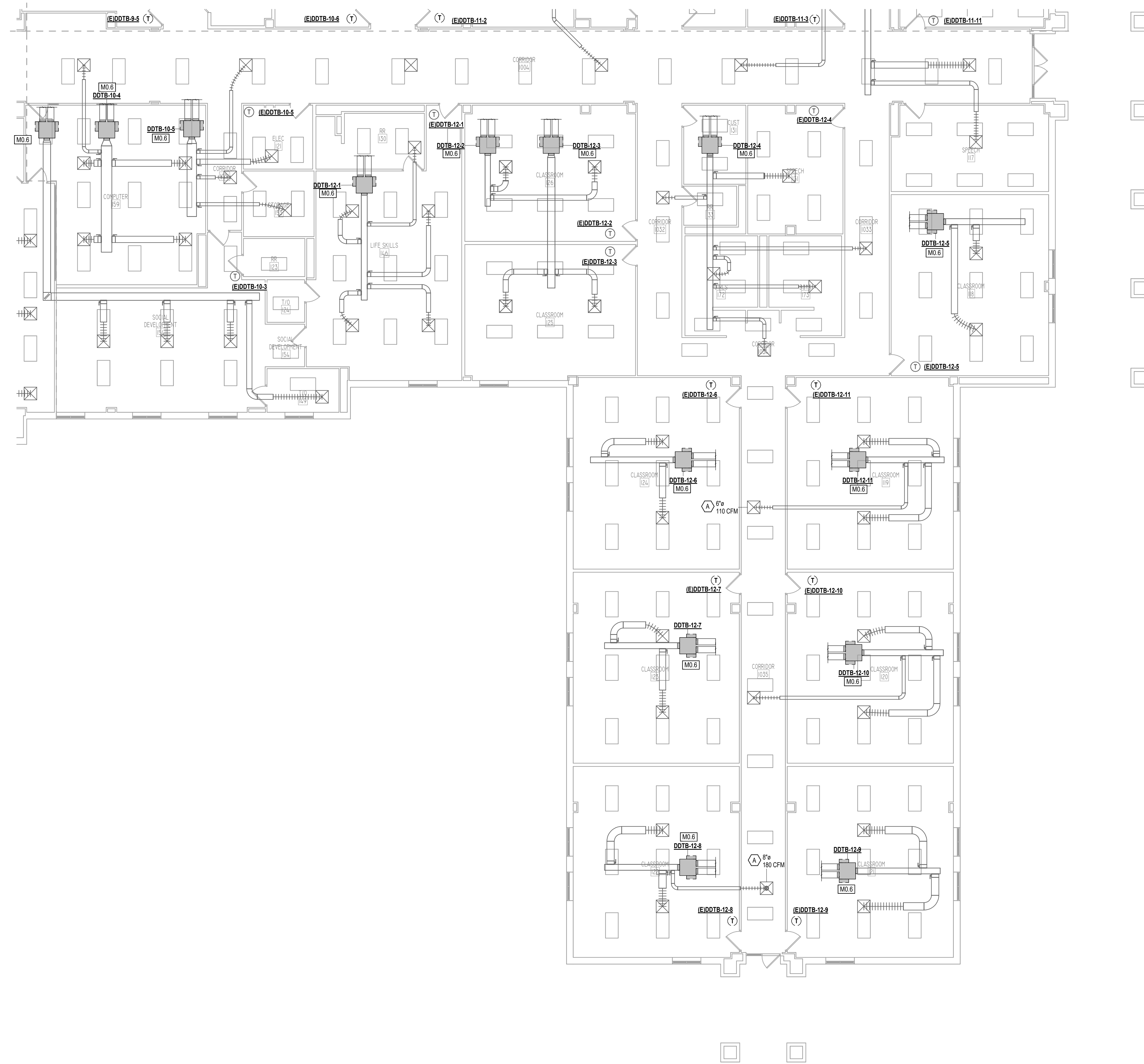
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M22.01E

MECHANICAL KEYED NOTES

M0.6 REMOVE EXISTING DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. ALL ASSOCIATED DUCT CONNECTIONS AND ELECTRICAL COMPONENTS THAT WILL NOT BE REUSED SHALL BE REMOVED. COORDINATE DEMOLITION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF DEMOLITION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.

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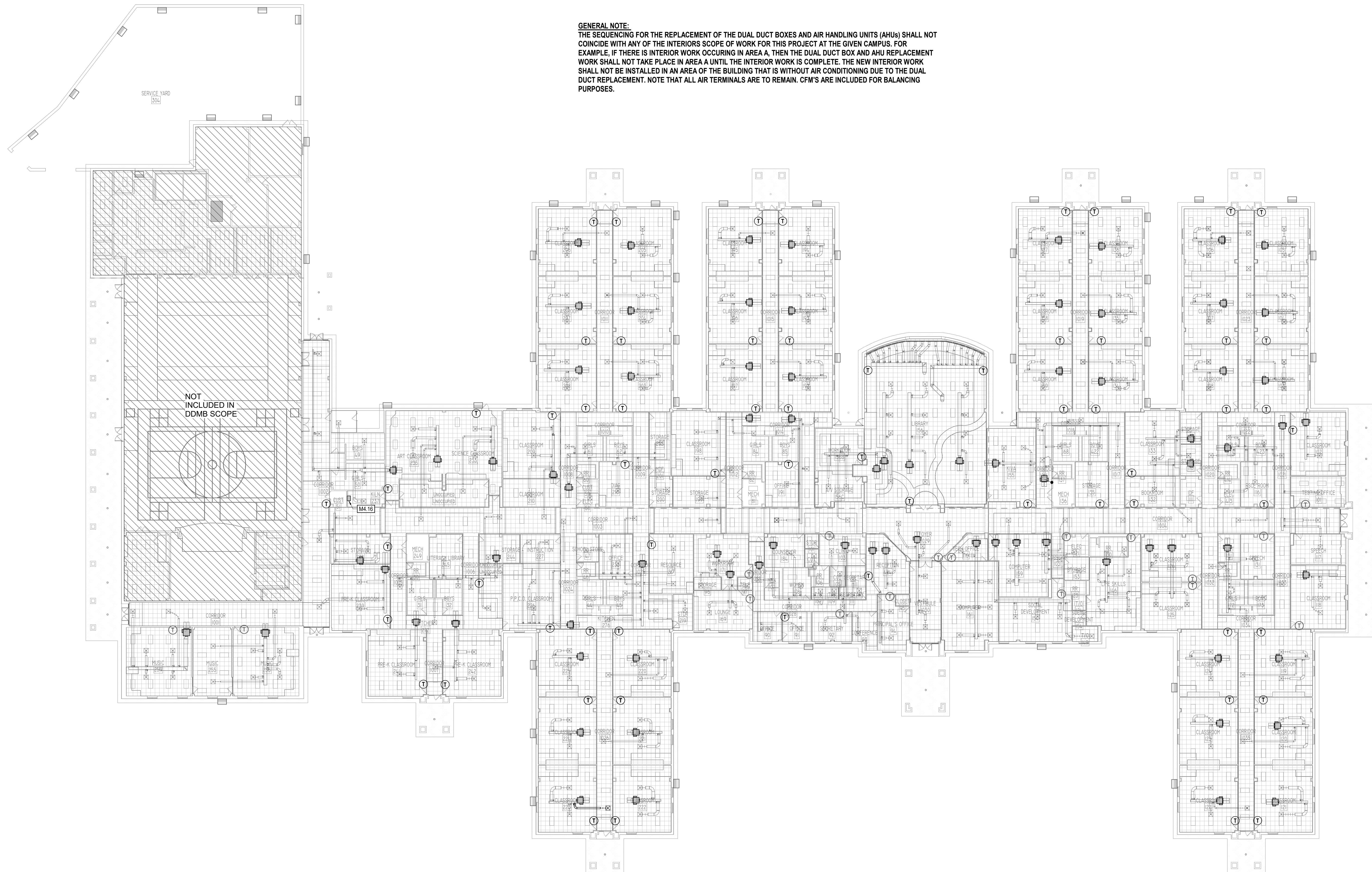
1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT E
 M22.01E 1/8" = 1'-0"



MECHANICAL KEYED NOTES

M4.16 PROVIDE AND INSTALL "VENT-A-KIM" EXHAUST HOOD AND FAN ASSEMBLY. LOCATE ROUTE OF FLEXIBLE DUCT FROM OUTLET OF HOOD UP TO CEILING. ROUTE 6" RIGID JUST BELOW CEILING UP THROUGH ROOF. TERMINATE DUCT ABOVE ROOF MODEL RFC-7. ROOF CAP SHALL BE CONSTRUCTED OF ALUMINUM AND SHALL DUCT SHALL BE ROUTED WITHIN FIRE-RATED ENCLOSURE FROM CEILING PENETRATION TO ROOF PENETRATION. RE: DETAIL 6M26.01

GENERAL NOTE:
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1 COMPOSITE MECHANICAL PLAN - LEVEL ONE
M22.11 1" = 20'-0"

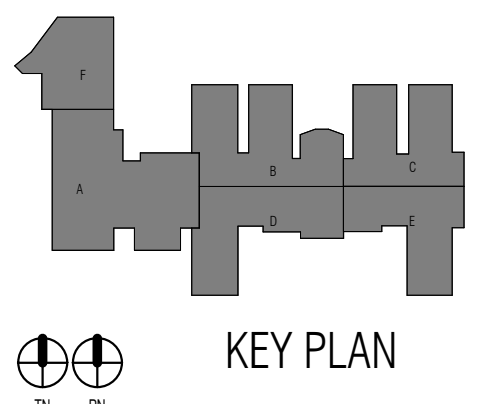


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LEAGUE CITY, TEXAS

CCISD PROJECT NO:
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ISSUED: 11/14/2024

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Approver	DBR
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Proj. Arch.	
DBR	

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SHEET TITLE

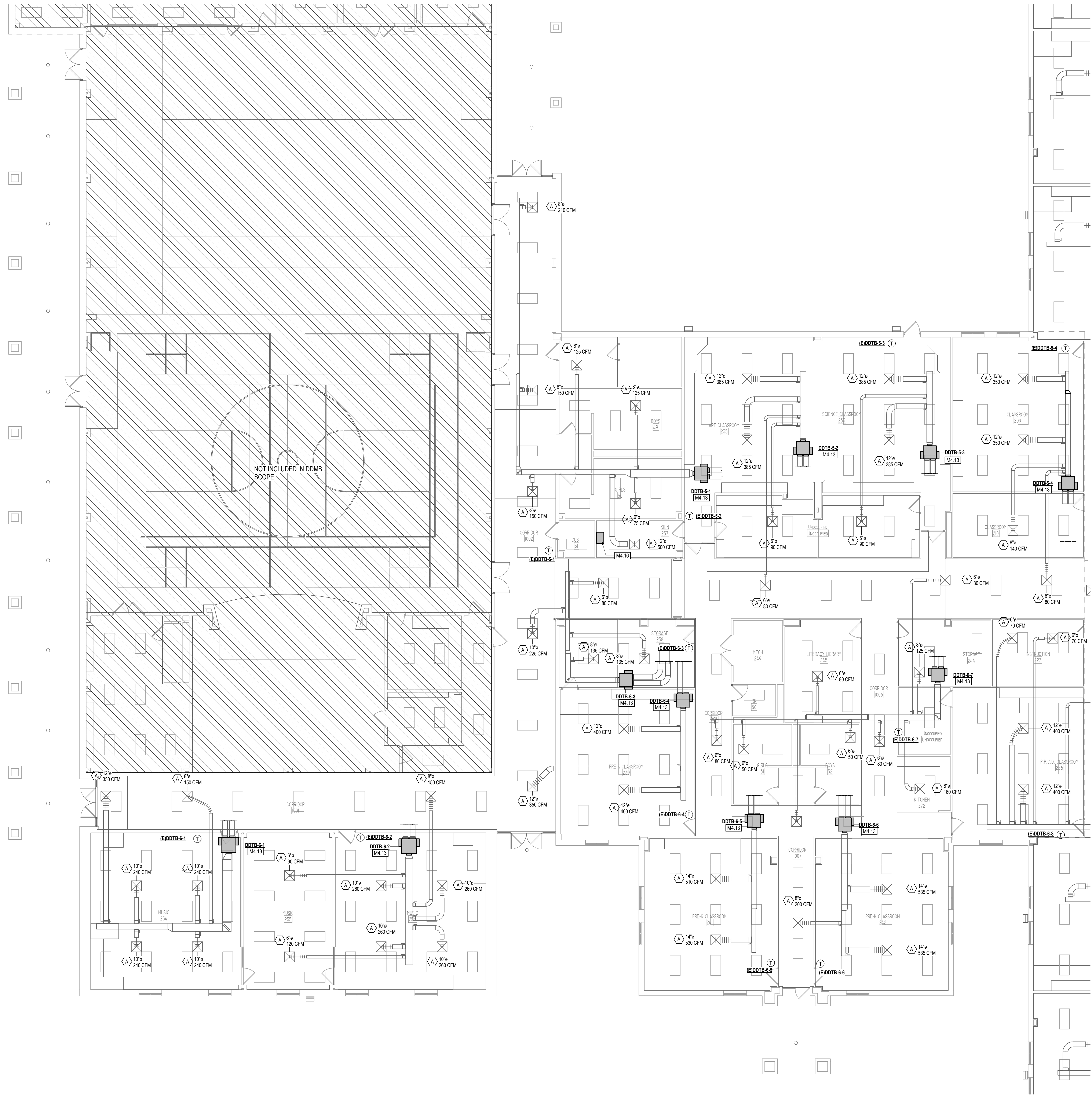
GILE - COMPOSITE MECHANICAL PLAN - LEVEL ONE

SHEET NO.

M22.11



CCISD Priority Repairs - BAUE GILE WEBE



MECHANICAL KEYED NOTES

M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 03M26.01.

M4.16 PROVIDE AND INSTALL "VENT-A-KIN" EXHAUST HOOD AND FAN ASSEMBLY. LOCATE ROUTE OF FLEXIBLE DUCT FROM OUTLET OF HOOD UP TO CEILING. ROUTE 6\"/>

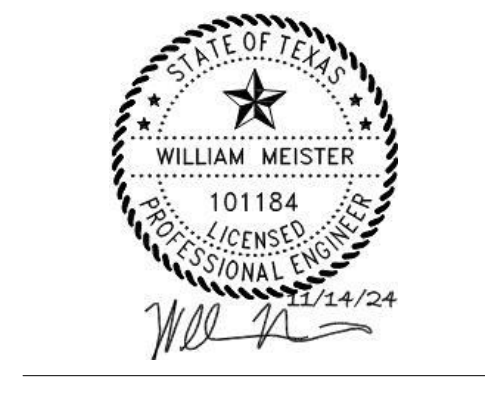
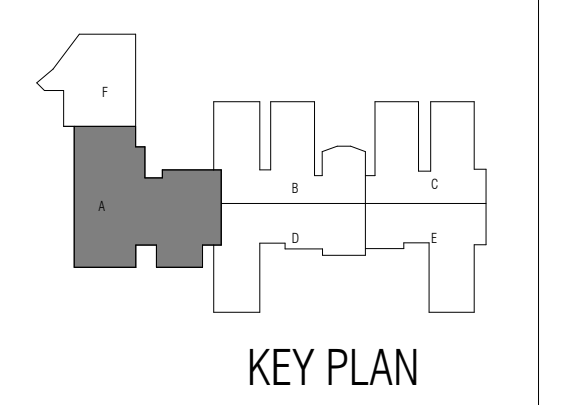
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NOT INCLUDED IN DDMB SCOPE



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Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.
 24-045.00
 SHEET TITLE
 GILE - FLOOR PLAN - UNIT
 A
 SHEET NO.

M22.11A

MECHANICAL PLAN - LEVEL ONE - UNIT A
 1/8" = 1'-0"



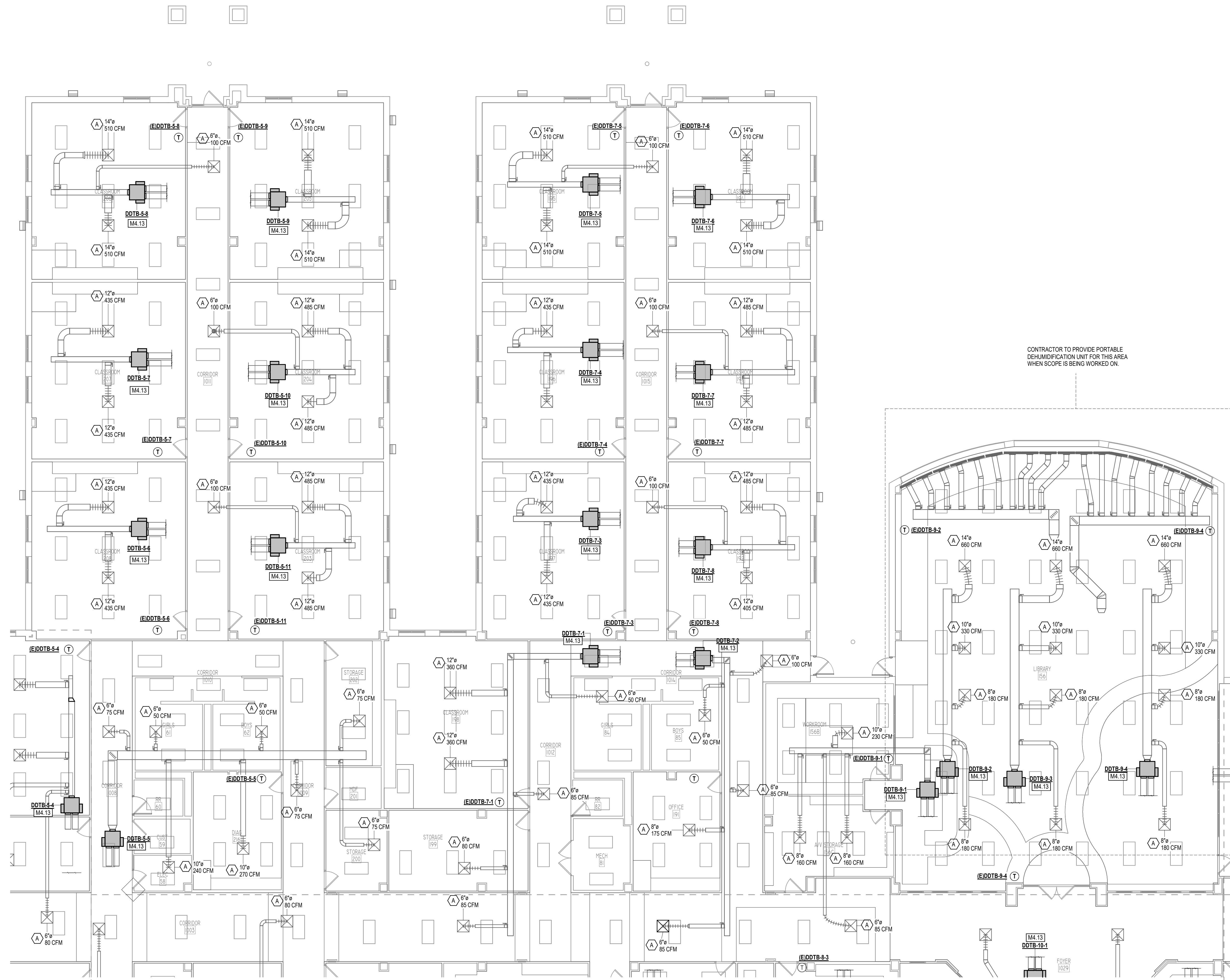
CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs - BAUE GILE WEBE

MECHANICAL KEYED NOTES

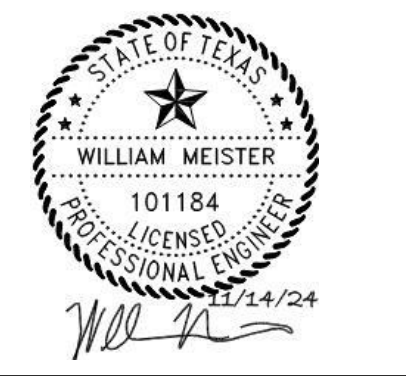
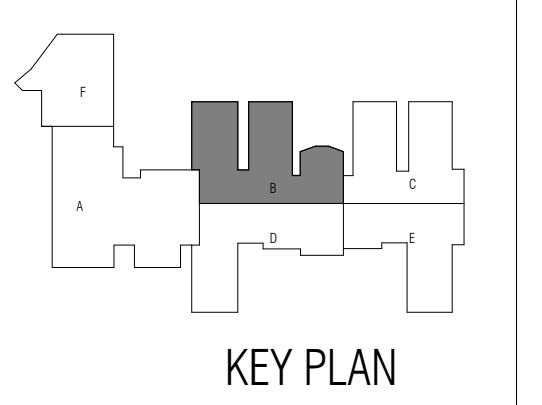
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CONTRACTOR TO PROVIDE PORTABLE DEHUMIDIFICATION UNIT FOR THIS AREA WHEN SCOPE IS BEING WORKED ON.

MECHANICAL PLAN - LEVEL ONE - UNIT B
1/8" = 1'-0"



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
DBR

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Quality Control

PROJECT NO.
24-045.00

SHEET TITLE

GILE - FLOOR PLAN - UNIT B

SHEET NO.

M22.11B



MECHANICAL KEYED NOTES

M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 03M26.01.

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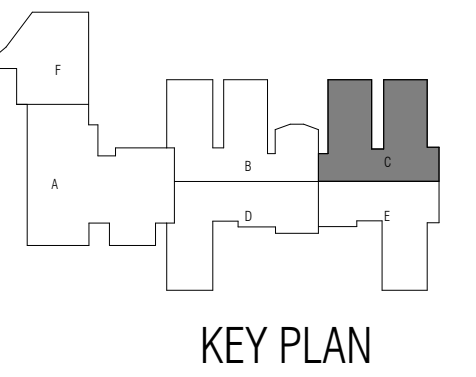
CCISD PROJECT NO:
2025.401

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



1 MECHANICAL PLAN - LEVEL ONE - UNIT C
M22.11C 1/8" = 1'-0"



ISSUED: 11/14/2024

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Revision No. Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
DBR

Drawn By
DBR
Quality Control

PROJECT NO.

24-045.00

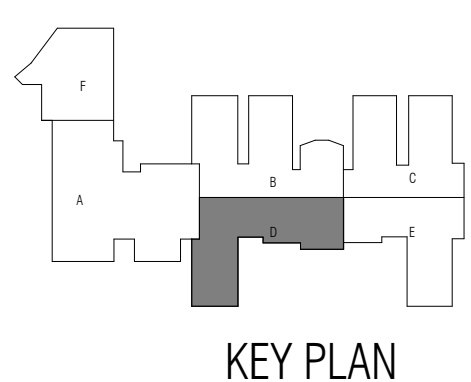
SHEET TITLE

GILE - FLOOR PLAN - UNIT C

SHEET NO.

M22.11C





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DBR
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PROJECT NO.
24-045.00

SHEET TITLE
GILE - FLOOR PLAN - UNIT D

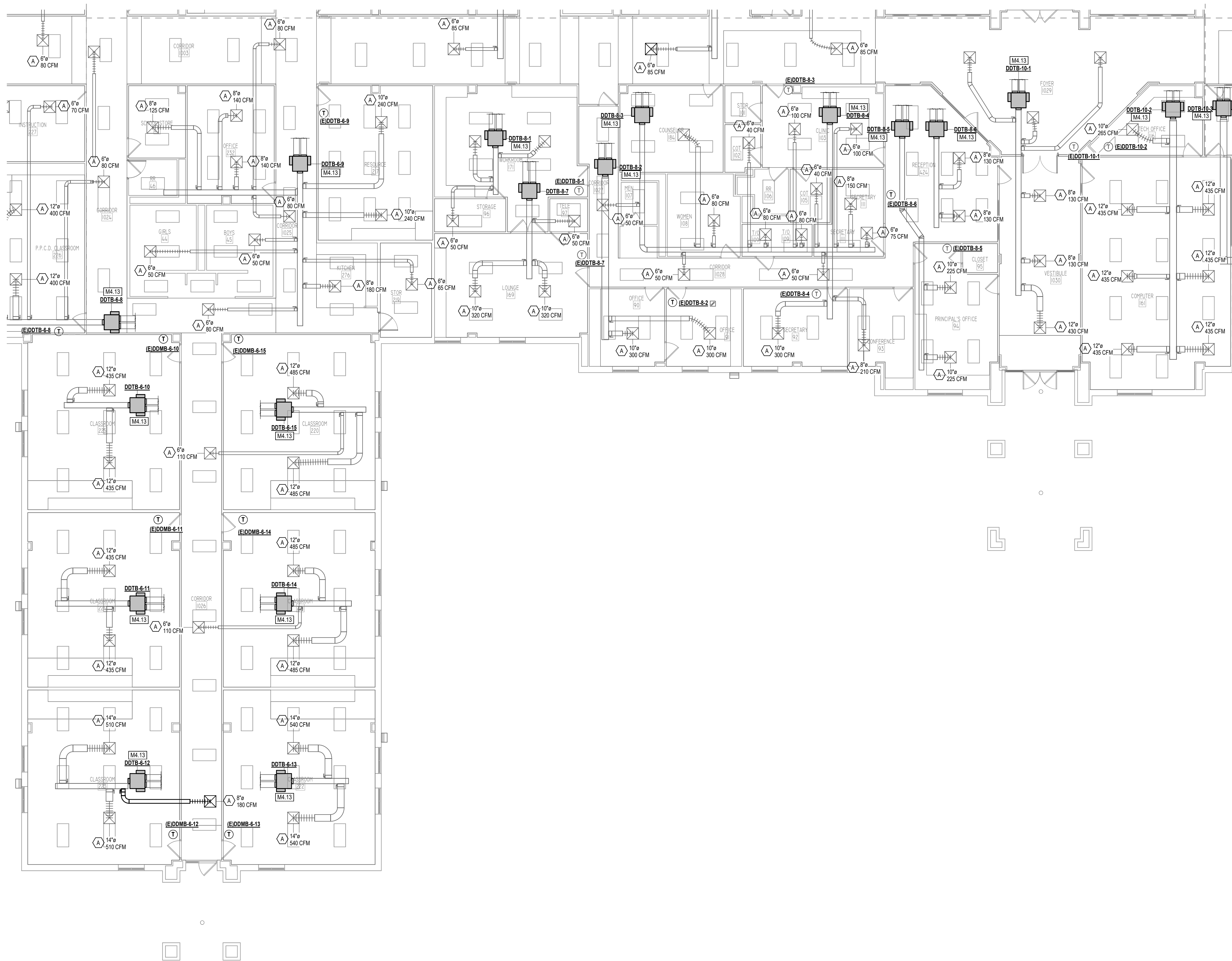
SHEET NO.

M22.11D

MECHANICAL KEYED NOTES

M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 03M26.01.

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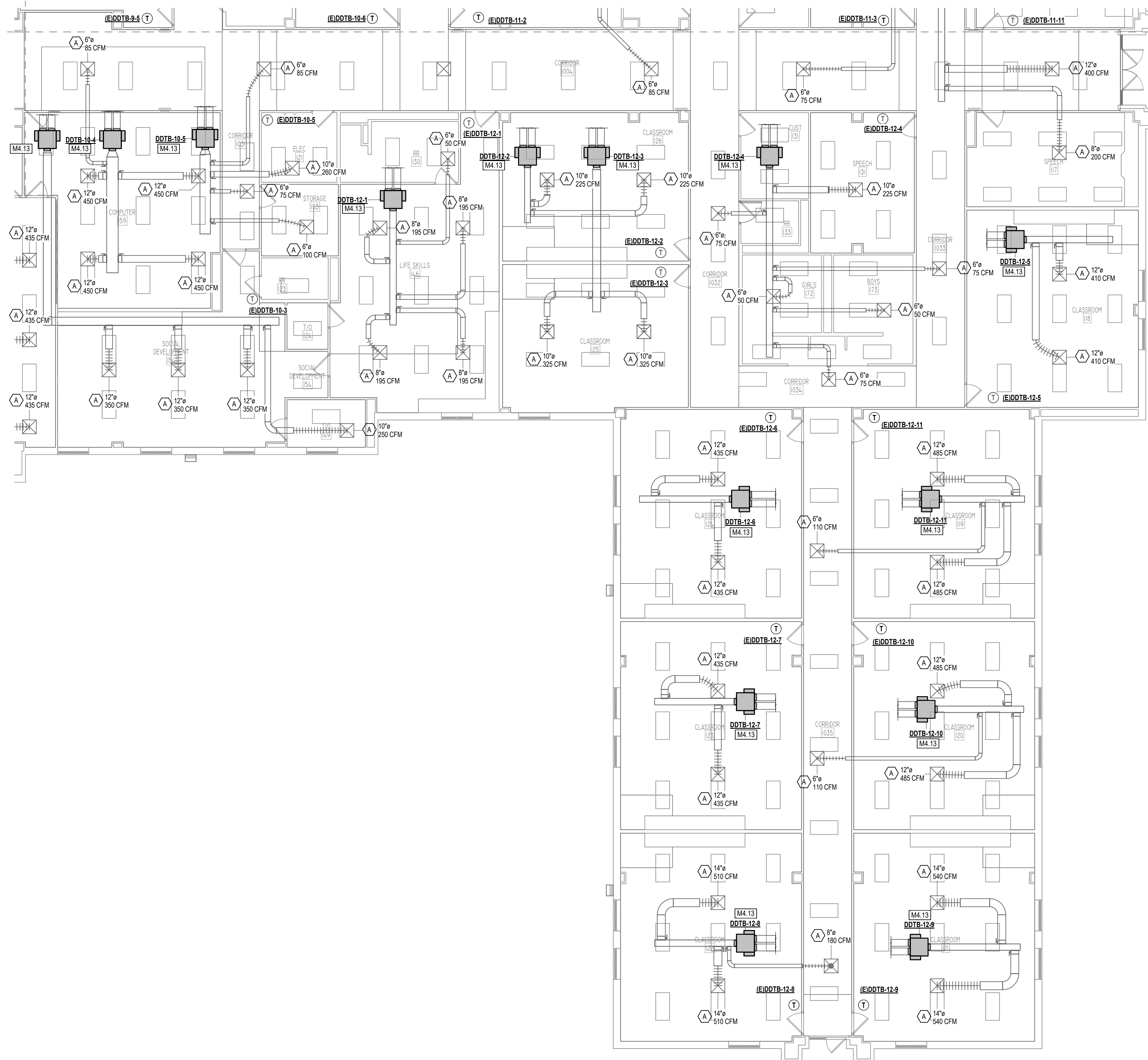
1 MECHANICAL PLAN - LEVEL ONE - UNIT D
 M22.11D 1/8" = 1'-0"



MECHANICAL KEYED NOTES

M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 03/M2.01.

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MECHANICAL PLAN - LEVEL ONE - UNIT E
1/8" = 1'-0"

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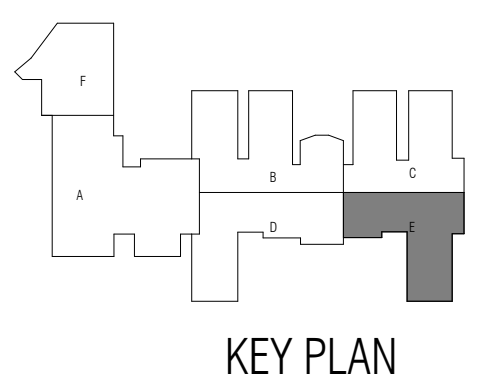
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CCISD Priority Repairs - BAUE GILE WEBE



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REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

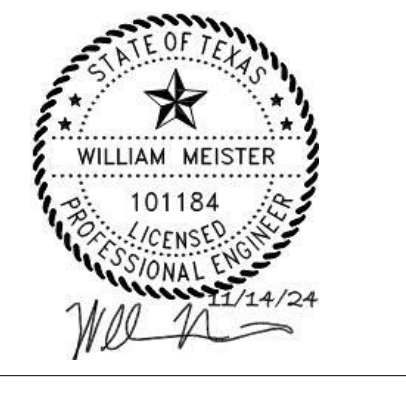
SHEET TITLE

GILE - FLOOR PLAN - UNIT E

SHEET NO.

M22.11E





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 Designer Quality Control
 Designer
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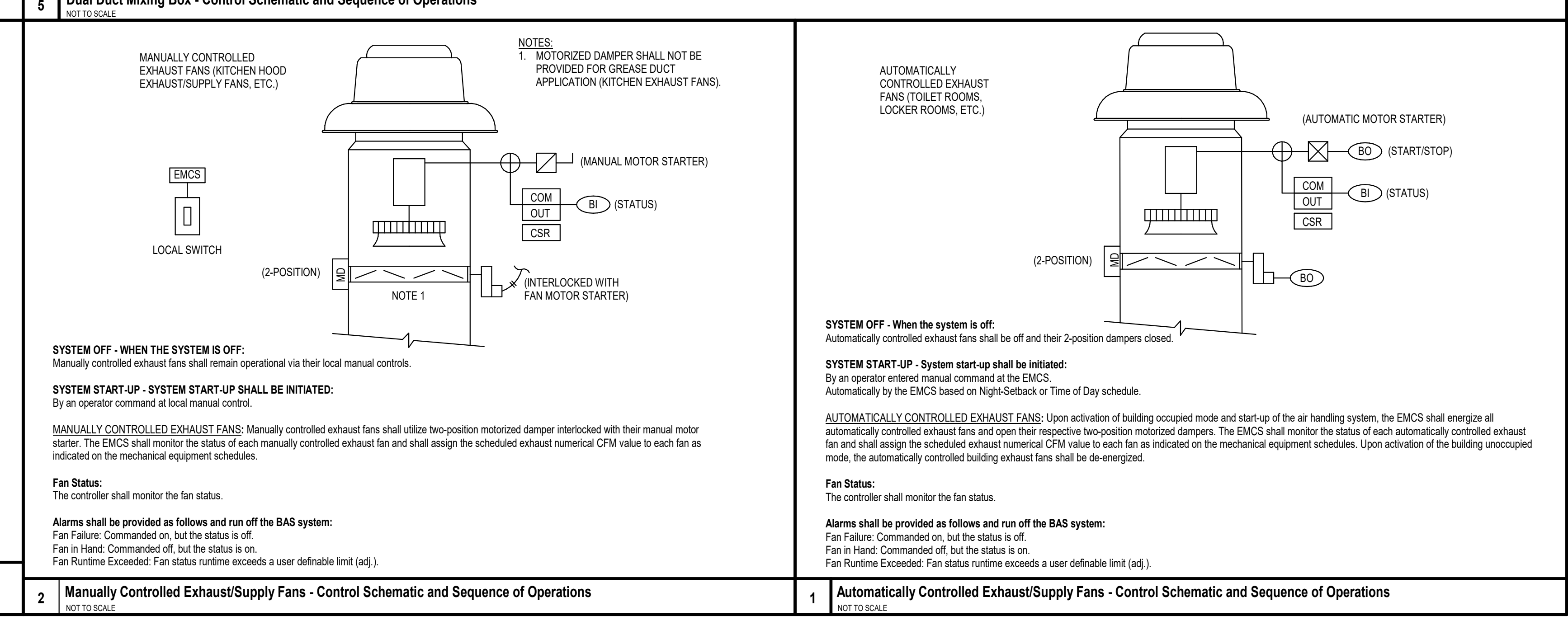
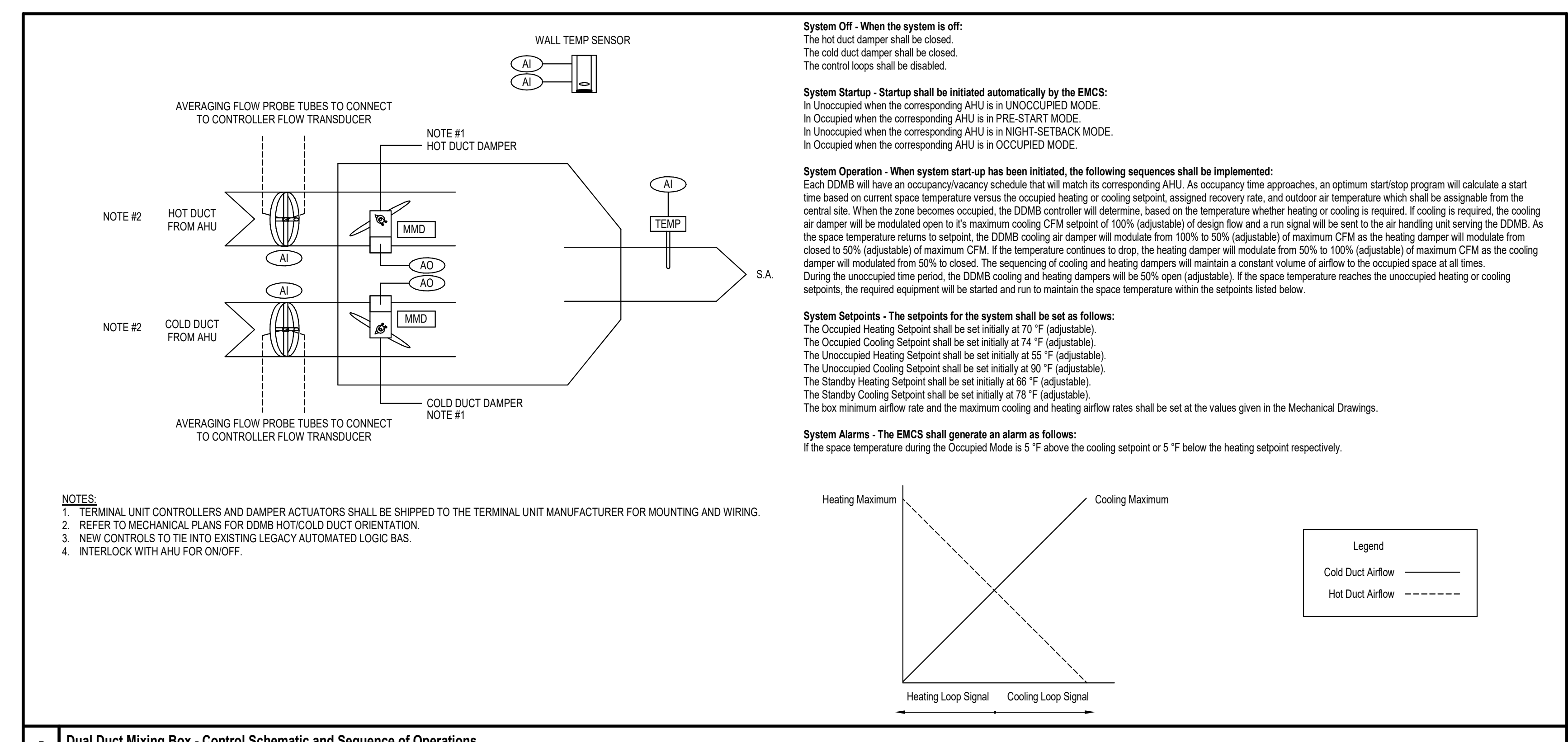
PROJECT NO.
24-045.00

SHEET TITLE
GILE - MECHANICAL CONTROLS

SHEET NO.

M24.01

GENERAL NOTE: TIE ALL EQUIPMENT AND CONTROLS INTO LEGACY EXISTING ALC BAS SYSTEM.



GENERAL NOTE:
 EXISTING ROOF IS UNDER WARRANTY, MECHANICAL SUB CONTRACTOR TO TAKE LIABILITY FOR ANY AND ALL DAMAGE TO ROOF WHILE FANS ARE BEING REPLACED. ANY AND ALL WORK ON AND AROUND THE ROOF SHALL BE DONE SUCH THAT THE MANUFACTURERS ROOFING WARRANTY IS MAINTAINED.

MECHANICAL KEYED NOTES

M4.14 PROVIDE ROOF MOUNTED FAN AT APPROXIMATE LOCATION SHOWN. FAN TO BE INSTALLED IN SAME PLACE THAT EXISTING FAN WAS. PROVIDE FAN WITH ROOF CURB, ACCESSORIES, ETC. AS NECESSARY FOR REWORKING. RE: 05M02.01.



ARCHITECT

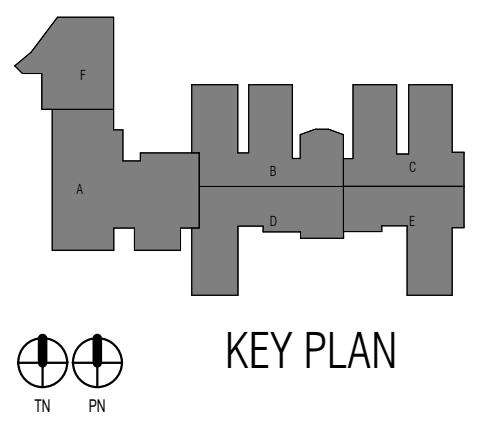
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CCISD PROJECT NO:
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CCISD Priority Repairs - BAUE GILE WEBE



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DBR	

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24-045.00

SHEET TITLE

GILE - MECHANICAL ROOF PLAN

SHEET NO.

M25.00



1 MECHANICAL ROOF PLAN
 M25.00 1" = 20'-0"

DUAL DUCT MIXING BOX SCHEDULE

MARK	MAX COOLING CFM	MAX HEATING CFM	MIN CFM	INLET SIZE (IN.)		OUTLET (IN.)	MFR	MODEL NO.
				COLD	HOT			
DDTB-5-1	1,210	730	365	12"0	10"0	11"X13"	TITUS	DMDV
DDTB-5-2	860	520	260	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-5-3	860	520	260	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-5-4	840	505	255	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-5-5	985	495	300	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-5-6	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-5-7	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-5-8	1,120	675	340	12"0	8"0	11"X13"	TITUS	DMDV
DDTB-5-9	1,020	615	310	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-5-10	1,070	645	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-5-11	1,070	645	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-6-1	1,460	880	440	12"0	10"0	11"X13"	TITUS	DMDV
DDTB-6-2	1,400	840	420	12"0	10"0	11"X13"	TITUS	DMDV
DDTB-6-3	800	480	240	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-6-4	1,150	690	345	12"0	8"0	11"X13"	TITUS	DMDV
DDTB-6-5	1,020	615	310	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-6-6	1,370	825	415	12"0	10"0	11"X13"	TITUS	DMDV
DDTB-6-7	685	415	210	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-6-8	1,150	690	345	12"0	8"0	11"X13"	TITUS	DMDV
DDTB-6-9	1,370	825	415	12"0	10"0	11"X13"	TITUS	DMDV
DDTB-6-10	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-6-11	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-6-12	1,200	720	360	12"0	10"0	11"X13"	TITUS	DMDV
DDTB-6-13	1,080	650	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-6-14	1,080	650	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-6-15	1,080	650	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-7-1	1,020	615	310	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-7-2	495	300	150	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-7-3	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-7-4	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-7-5	1,120	675	340	12"0	8"0	11"X13"	TITUS	DMDV
DDTB-7-6	1,020	615	310	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-7-7	1,070	645	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-7-8	1,070	645	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-8-1	300	180	90	6"0	6"0	6"X6"	TITUS	DMDV
DDTB-8-2	600	360	180	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-8-3	1,065	640	320	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-8-4	510	310	155	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-8-5	450	270	135	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-8-6	260	160	80	6"0	6"0	6"X6"	TITUS	DMDV
DDTB-8-7	690	210	210	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-9-1	635	385	195	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-9-2	1,320	660	400	12"0	8"0	11"X13"	TITUS	DMDV
DDTB-9-3	1,320	660	400	12"0	8"0	11"X13"	TITUS	DMDV
DDTB-9-4	1,320	660	400	12"0	8"0	11"X13"	TITUS	DMDV
DDTB-9-5	600	360	180	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-10-1	1,750	1,050	525	14"0	10"0	13" x 16"	TITUS	DMDV
DDTB-10-2	2,675	1,605	805	16"0	14"0	15" x 16"	TITUS	DMDV
DDTB-10-3	1,300	780	390	12"0	10"0	11"X13"	TITUS	DMDV
DDTB-10-4	1,885	1,131	570	14"0	12"0	13" x 16"	TITUS	DMDV
DDTB-10-5	420	255	130	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-10-6	760	460	230	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-10-7	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-10-8	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-10-9	1,120	675	340	12"0	8"0	11"X13"	TITUS	DMDV
DDTB-10-10	1,020	615	310	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-10-11	1,070	645	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-10-12	1,070	645	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-11-1	860	520	260	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-11-2	285	145	90	6"0	6"0	6"X6"	TITUS	DMDV
DDTB-11-3	750	450	225	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-11-4	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-11-5	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-11-6	1,120	675	340	12"0	8"0	11"X13"	TITUS	DMDV
DDTB-11-7	1,020	615	310	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-11-8	1,070	645	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-11-9	1,070	645	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-11-10	820	495	250	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-11-11	830	500	250	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-12-1	830	500	250	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-12-2	450	270	135	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-12-3	650	390	195	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-12-4	550	330	165	8"0	8"0	7"X8"	TITUS	DMDV
DDTB-12-5	820	495	250	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-12-6	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-12-7	870	525	265	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-12-8	1,200	720	360	12"0	10"0	11"X13"	TITUS	DMDV
DDTB-12-9	1,080	650	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-12-10	1,080	650	325	10"0	8"0	10"X11"	TITUS	DMDV
DDTB-12-11	1,080	650	325	10"0	8"0	10"X11"	TITUS	DMDV

- NOTES:
1. PROVIDE AEROCROSS MULTI-POINT CENTER AVERAGING VELOCITY SENSORS IN EACH PRIMARY AIR INLET.
 2. PROVIDE MIXING BOX WITH INTEGRAL MIXER / SOUND ATTENUATOR.
 3. PROVIDE TERMINAL UNIT CASING WITH 1" INTERNALLY LINED FIBERGLASS FREE INSULATION.
 4. EMCS CONTRACTOR SHALL PROVIDE 24VAC TO EACH PRIMARY AIR INLET DAMPER ACTUATOR.

FAN SCHEDULE

MARK	EF-1	EF-2	EF-3	EF-4	EF-5	EF-6	EF-7	EF-8	EF-9	EF-10
	LOCATION	AREA "A"	AREA "A"	AREA "B"	AREA "B"	AREA "B"	AREA "B"	AREA "C"	AREA "C"	AREA "C"
SERVICE	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS
TYPE/DRIVE	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/DIRECT
INTERLOCK	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS
CFM (MIN./MAX.)	1,100	800	800	700	700	600	700	700	1,295	300
EXT. S.P. (IN. W.G.)	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.125
HORSEPOWER	.13	.14	.14	.14	.14	.14	.14	.14	.13	.16
FAN SPEED (RPM)	1,513	1,353	1,353	1,250	1,250	1,151	1,250	1,250	1,263	1,473
SONES (MAX.)	9.2	8.2	8.2	8.2	8.2	7.3	8.2	8.2	10.0	8.4
VOLTS/PHASE/HERTZ	115/160	115/160	115/160	115/160	115/160	115/160	115/160	115/160	115/160	115/160
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL NUMBER	GB-100-3	GB-099-4	GB-099-4	GB-099-4	GB-099-4	GB-099-4	GB-099-4	GB-099-4	GB-120-3	GB-097-6
NOTES	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11
MARK	EF-11	EF-12	EF-14	EF-15	KEF-1	KEF-2	KSF-1	KSF-2	SF-1	SF-2
LOCATION	AREA "A"	AREA "C"	AREA "A"	KITCHEN	AREA "A"	AREA "A"	Area "A"	AREA "A"	CENTRAL PLANT	BOILER ROOM
SERVICE	CENTRAL PLANT	RESTROOM	DISHWASHER	OFFICE	KITCHEN HOOD	KITCHEN HOOD	KITCHEN HOOD	KITCHEN HOOD	EM. PURGE SUP.	VENTILATION
TYPE/DRIVE	2 SPEED/BELT	CENT/BELT	CENT/BELT	CENT/DIRECT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT
INTERLOCK	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS
CFM (MIN./MAX.)	1050 / 2100	400	800	260	3,450	3,600	2,070	2,160	1,575	1,015
EXT. S.P. (IN. W.G.)	0.500	0.375	0.625	0.250	1.625	1.625	0.750	0.750	0.250	0.250
HORSEPOWER	1	.16	.14	.16	2	3	1	1	.12	.14
FAN SPEED (RPM)	1,331	1,146	1,366	1,417	1,725	1,404	978	993	798	638
SONES (MAX.)	12.7	5.7	7.2	7.7	18.7	19.4	12.1	12.5	10.0	8.5
VOLTS/PHASE/HERTZ	115/160	115/160	115/160	115/160	115/160	115/160	115/160	115/160	115/160	115/160
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL NUMBER	G-140-VG	GB-098-6	CUBE-099-4	GB-097-6	CUBE-180-20	CUBE-180-30	RSF-100-10	RSF-100-10	RSF-90-6	RSF-90-4
NOTES	2,7,8,9,10, 11	1,7,8,9,10,11	4,7,8,9,10, 11	4,7,8,9,10,11	4,7,8,9,10, 11	3,7,8,9,10, 11	3,7,8,9,10, 11	3,7,8,9,10, 11	5,7,8,9,10, 11	7,8,9,10

- NOTES:
1. FAN SHALL BE INTERLOCKED WITH BAS SYSTEM AND AIR HANDLING UNIT SERVING THIS AREA FOR SIMULTANEOUS OPERATION.
 2. FAN SHALL BE CONTROLLED BY BAS SYSTEM BASED ON SIGNAL FROM TEMPERATURE SENSOR. FAN SHALL BE ENERGIZED WHEN ROOM TEMPERATURE RISES ABOVE SETPOINT.
 3. FAN SHALL BE STARTED AND STOPPED BY SWITCH ON OR NEAR KITCHEN HOOD. EXHAUST FAN AND SUPPLY FAN SERVING THE SAME HOOD SHALL BE INTERLOCKED WITH BAS SYSTEM FOR SIMULTANEOUS OPERATION.
 4. FAN SHALL BE INTERLOCKED WITH BAS SYSTEM AND DISHWASHER HOOD AND SHALL HAVE A TIMED RELAY. FAN SHALL BE ENERGIZED WHEN DISHWASHER IS ACTIVATED AND SHALL RUN FOR A MINIMUM OF 10 MINUTES.
 5. REFRIGERATION MACHINERY ROOM VENTILATION FAN SHALL OPERATE CONTINUOUSLY AT LOW SPEED TO EXHAUST AIR FROM ROOM AT A RATE OF 1000 CFM. WHEN THE REFRIGERANT MONITORING AND BAS SYSTEM ALARM DETECTS A REFRIGERANT LEAK, THE FAN SHALL BE SWITCHED TO HIGH SPEED TO EXHAUST AIR FROM THE ROOM AT A RATE OF 2000 CFM.
 6. TOILET ROOM EXHAUST FAN SHALL BE INTERLOCKED WITH LIGHTS.
 7. EXTERNAL STATIC PRESSURE DOES NOT ACCOUNT FOR LOSSES DUE TO FILTERS, HOUSING, NOR ACCESSORIES.
 8. PROVIDE WITH 12" PREFABRICATED ROOF CURB, WEATHERPROOF DISCONNECT SWITCH, AND ALUMINUM BIRD SCREEN.
 9. PROVIDE WITH MOTORIZED DAMPER INTERLOCKED WITH FAN OPERATION SUCH THAT DAMPER SHALL OPEN WHEN FAN IS ENERGIZED AND SHUT WHEN FAN IS DE-ENERGIZED. DAMPER SHALL BE INSTALLED IN ACCESSIBLE LOCATION.
 10. PROVIDE WITH DIRECT DRIVE, ELECTRONICALLY COMMUTATED FAN MOTOR (ECM).



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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
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CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

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 Proj. Arch.
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Drawn By
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PROJECT NO.

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SHEET TITLE

GILE - MECHANICAL SCHEDULES

SHEET NO.

M25.01



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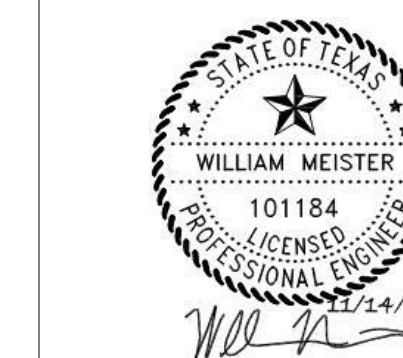
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LEAGUE CITY, TEXAS

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DBR
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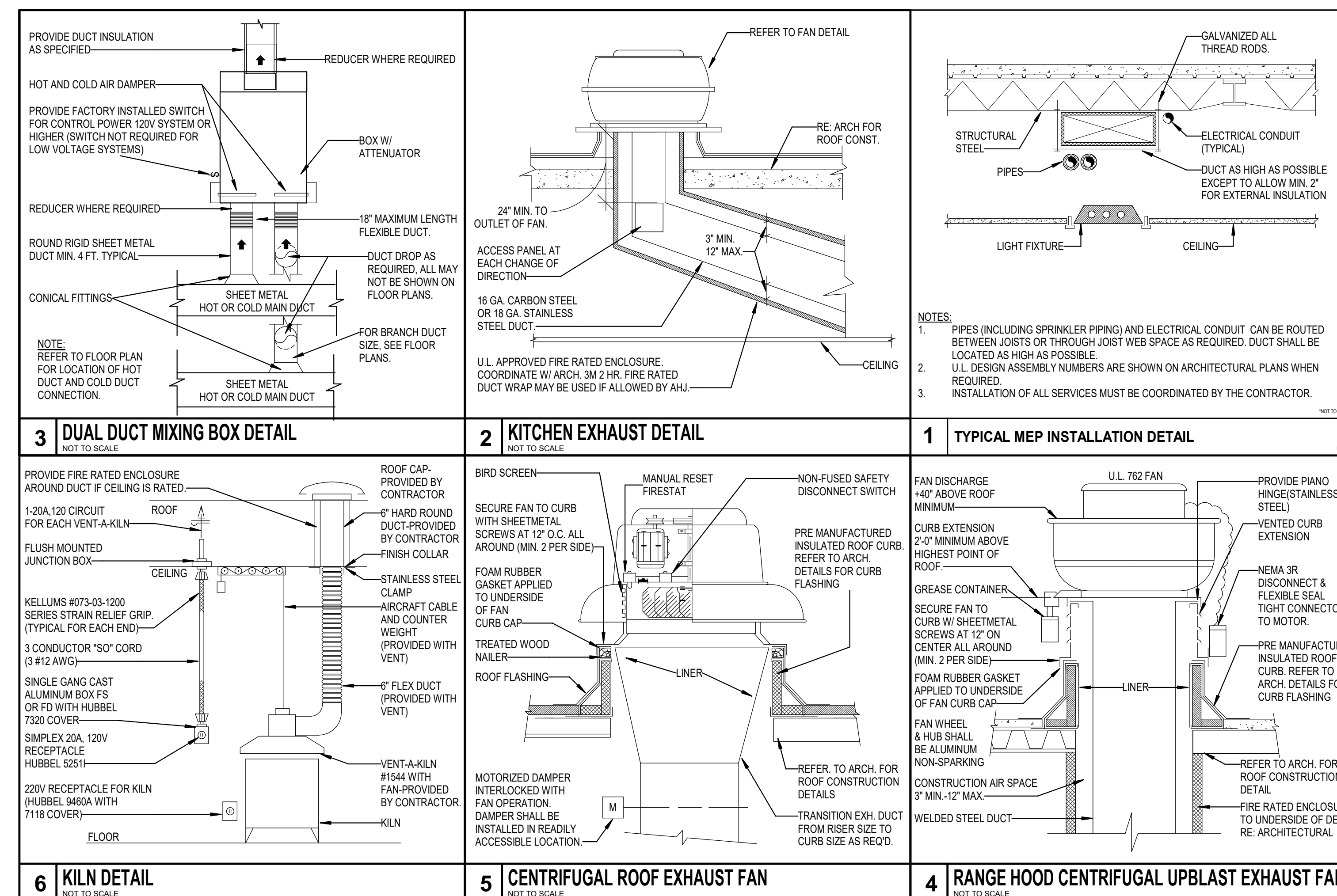
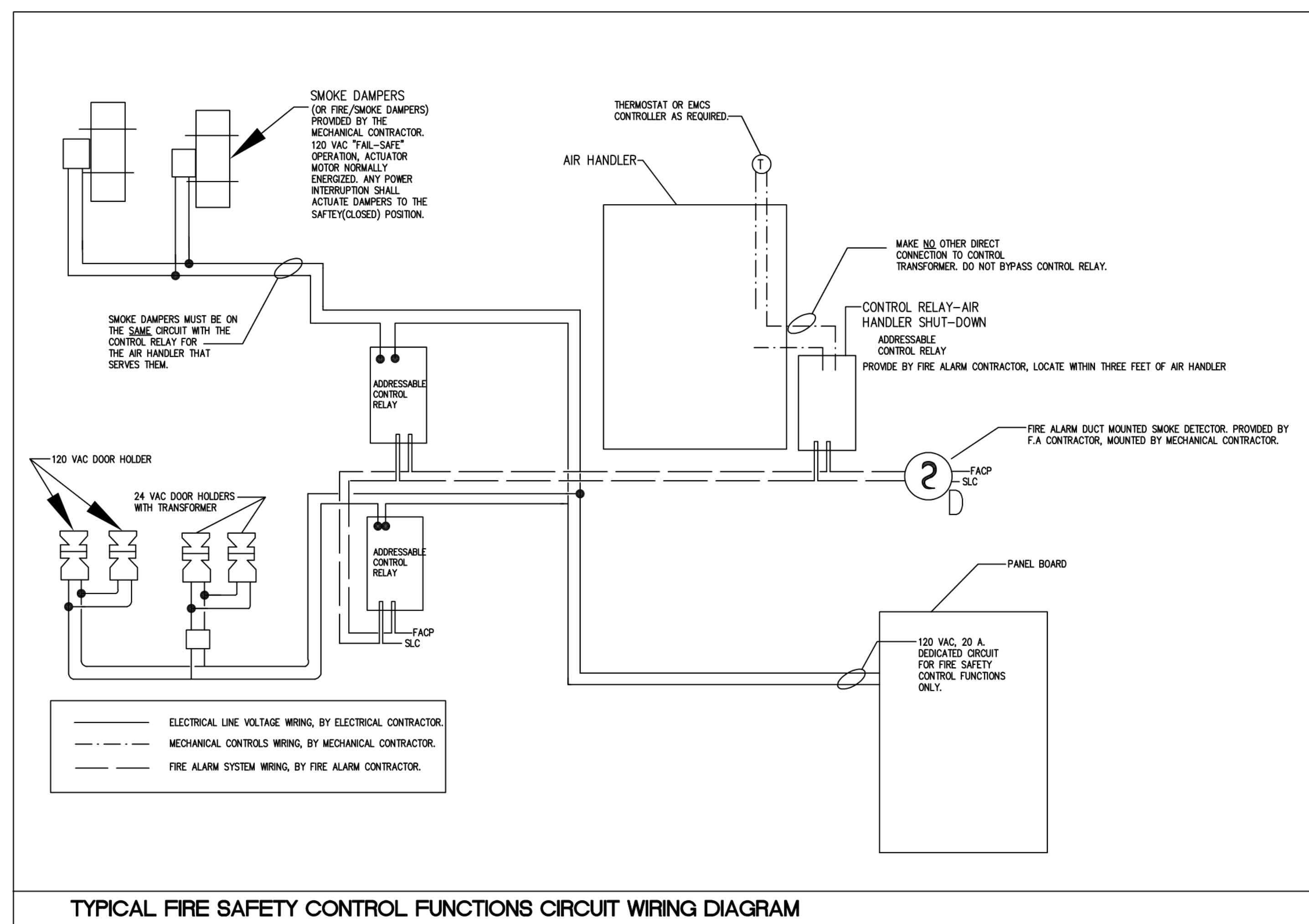
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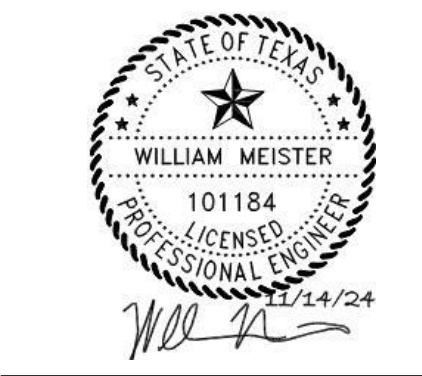
SHEET TITLE

GILE - MECHANICAL
DETAILS

SHEET NO.

M26.01





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SHEET TITLE

GILE - ELECTRICAL
 SYMBOL LEGEND

SHEET NO.

E20.00

ABBREVIATIONS		ELECTRICAL SYMBOLS		GENERAL NOTES: A. NOT ALL SYMBOLS SHOWN ON THIS SYMBOL LIST ARE USED IN THE CONTRACT DOCUMENTS.	
AC AF AFF AFG AIC AL AM AMP ANN ASC AT ATS AUX BKR BLDG. C CKT CLD. CONT. CONTR CT CU DAS DC DISC DP DPDT DPST DWG ELEV. EPO ERRC FA FF FLA FTL GA GEN GND GTD IG L.F. LITG LV LVL MAX. MCA MCB MCCB MCR MDP MFR MIC MIN. MLO MOP MSB NBR NAX N.C. NEC NF NFS NIC NL N.O. NO. NTS PH POS QTY RCPT REF SF SMA SPD SPDT SPST SPEC SQFT ST SWB TL TOC TOS TR TV TYP UG UNO UPS VFD WP WT WSP XMR	ALTERNATING CURRENT AMPERE FUSE, AMPERE FRAME ABOVE FINISHED CEILING ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AMPERE INTERRUPT CAPACITY ALUMINUM AMMETER AMPLIFIER ANNUNCIATOR AMPERES SHORT CIRCUIT AMPERE TRIP RATING AUTOMATIC TRANSFER SWITCH AUXILIARY BREAKER BUILDING CONDUIT, CELSIUS CIRCUIT CEILING CONTINUOUS CONTINUATION CONTROLLER, CONTRACTOR CURRENT TRANSFORMER/COOLING TOWER COPPER DISTRIBUTED ANTENNA SYSTEM DIRECT CURRENT DISCONNECT DISTRIBUTION PANEL DOUBLE-POLE, DOUBLE-THROW DOUBLE-POLE, SINGLE-THROW DRAWING ELEVATOR EMERGENCY POWER OFF EMERGENCY RESPONDER RADIO COVERAGE SYSTEM FIRE ALARM FURNITURE FEED FULL LOAD AMPS FEED-THRU/LOSS GAUGE GENERATOR GROUND GENERATOR TRANSFER DEVICE ISOLATED GROUND LINEAR FEET LIGHTING LOW VOLTAGE LEVEL MAXIMUM METAL CLAD CABLE MINIMUM CIRCUIT AMPS MAIN CIRCUIT BREAKER MOLDED CASE CIRCUIT BREAKER MOTORIZED DAMPER MAIN DISTRIBUTION PANEL MANUFACTURER MICROPHONE MINIMUM MAIN LUGS ONLY MAXIMUM OVERCURRENT PROTECTION MAIN SWITCHBOARD NEMA 3R NEMA 4X NORMALLY CLOSED NATIONAL ELECTRICAL CODE NON-FUSED NON-FUSED SWITCH NOT IN CONTRACT NIGHT LIGHT NORMALLY OPEN NUMBER NOT TO SCALE PHASE POINT OF SALE QUANTITY REFLECTED CEILING PLAN RECEPTACLE REFERENCE, REFER SQUARE FOOT SMALLER STARTING KILOVOLT-AMPS SURGE PROTECTION DEVICE SINGLE-POLE, DOUBLE-THROW SINGLE-POLE, SINGLE-THROW SPECIFICATION SQUARE FOOT SHUNT TRIP SWITCHBOARD TWIST-LOCK TOP OF CURB TOP OF STEEL TIMPER RESISTANT RECEPTACLE TELEVISION TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE UNINTERRUPTIBLE POWER SYSTEM VARIABLE FREQUENCY DRIVE WEATHERPROOF WATERTIGHT, WEIGHT WATTS PER SQUARE FOOT TRANSFORMER	MOTOR RATED SWITCH WITH THERMAL OVERLOADS SINGLE OR THREE PHASE MOTOR NUMBER INDICATES HORSE POWER ELECTRIC DUCT HEATER DISCONNECT (SAFETY) SWITCH "200/3/150" DENOTES AMPERES/POLES/USE. "NF" DENOTES NON-FUSED. "N3R" DENOTES NEMA 3R ENCLOSED CIRCUIT BREAKER- "200/3/150" DENOTES AMPERES/POLES/TRIP MOTOR STARTER FURNISHED BY DIVISION 28 AND INSTALLED BY DIVISION 26 COMBINATION DISCONNECT (SAFETY) SWITCH AND MOTOR STARTER "300/3/50K" DENOTES AMPERES/POLES/FUSE/STARTER SIZE. "NF" DENOTES NON-FUSED. FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26 VARIABLE FREQUENCY DRIVE PROVIDED BY DIVISION 23 AND INSTALLED BY DIVISION 26 EMERGENCY POWER OFF BUTTON.	RECEPTACLES SHALL BE MOUNTED 18" ABOVE FINISHED FLOOR TO CENTER OF DEVICE UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL REQUIREMENTS. ABBREVIATIONS APPLICABLE TO RECEPTACLES: "GFCI" GROUND FAULT INTERRUPTER "WIP" WEATHERPROOF "IG" ISOLATED GROUND "TR" TAMPER RESISTANT "USB" RECEPTACLE WITH USB CHARGING PORTS "AC" ABOVE COUNTER MOUNTING "UC" UNDER COUNTER MOUNTING "H" HORIZONTALLY ORIENTED RECEPTACLE SIMPLEX WALL RECEPTACLE, NEMA 5-20R, 20A, 125V. DUPLX WALL RECEPTACLE, NEMA 5-20R, 20A, 125V. SHADED INDICATES SPLIT-WIRED FOURPLEX (QUADRUPLX) RECEPTACLE DUPLX RECEPTACLE (PEDESTAL MOUNTED) CONTROLLED WALL RECEPTACLE DUPLX, SPLIT-WIRED QUAD, SEPARATELY WIRED UNDER A COMMON COVERPLATE POWER DEVICE RED IN COLOR, ON EMERGENCY POWER CIRCUIT CEILING RECEPTACLE/QUAD, EMERGENCY POWER SYMBOL MAY APPLY SPECIAL RECEPTACLE, NEMA CONFIGURATION PER PLAN OR EQUIPMENT TV ROUGH-IN, 3-GANG RECESSED TV BOX, CONTAINING 1 DUPLX RECEPTACLE, 1 GANG FOR AV, 1 GANG FOR DATA FLOOR BOX OR POKE THRU, POKE-THRU'S WHERE IN SUSPENDED SLABS, RECESSED IN FOUNDATION WHERE SLAB ON GRADE FLUSH ELECTRICAL FLOOR OUTLET. REFER TO FLOOR BOX SCHEDULE, FIRE RATED POKE-THROUGH SCHEDULE AND KEYED NOTES. DROP CORD WITH SIMPLEX RECEPTACLE UNLESS OTHERWISE NOTED CORD REEL WITH DUPLX RECEPTACLE UNLESS OTHERWISE NOTED JUNCTION BOX "MD" INDICATES POWER CONNECTION TO SERVE MOTOR DAMPER "HD" INDICATES POWER CONNECTION TO SERVE HAND DRYER "FV" INDICATES POWER CONNECTION TO SERVE FLUSH VALVES PULL BOX (OVER 4" SQUARE) BELLBUZZER/CHIME PUSH BUTTON/DOOR BELL/START-STOP POWER POLE POINT OF DIRECT CONNECTION TO EQUIPMENT CLOCK RECEPTACLE SHALL BE MOUNTED 12" BELOW FINISHED CEILING. (2) DENOTES DOUBLE SIDED CLOCK	RECEPTACLES SHALL BE MOUNTED 18" ABOVE FINISHED FLOOR TO CENTER OF DEVICE UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL REQUIREMENTS. ABBREVIATIONS APPLICABLE TO RECEPTACLES: "GFCI" GROUND FAULT INTERRUPTER "WIP" WEATHERPROOF "IG" ISOLATED GROUND "TR" TAMPER RESISTANT "USB" RECEPTACLE WITH USB CHARGING PORTS "AC" ABOVE COUNTER MOUNTING "UC" UNDER COUNTER MOUNTING "H" HORIZONTALLY ORIENTED RECEPTACLE SIMPLEX WALL RECEPTACLE, NEMA 5-20R, 20A, 125V. 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MOTORS AND CONTROLS		RACEWAYS AND WIRING		MISCELLANEOUS	
RECEPTACLES AND OUTLETS		ELECTRICAL EQUIPMENT		FIRE ALARM	
LIGHTING		COMMUNICATIONS		SECURITY	
PHASING		ONE-LINE DIAGRAM		SWITCHES AND LIGHTING CONTROL DEVICES	
		DAYLIGHT ZONES		DRAWING/DETAIL REFERENCE KEY	
		PANELBOARD NOMENCLATURE			



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REVISIONS

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Director	Drawn By
Approver	Author
Designer	Quality Control
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Proj. Arch.	
Checker	

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24-045.00

SHEET TITLE

GILE - ELECTRICAL
GENERAL NOTES

SHEET NO.

E20.01

GENERAL LIGHTING DEMOLITION NOTES:

- A. ALL FIXTURES REMOVED AND REINSTALL SHALL BE CLEANED PRIOR TO REINSTALLATION.
- B. ALL EXISTING SWITCHING ZONES SHALL REMAIN UNCHANGED UNLESS DIRECTED OTHER ON PLANS.
- C. ALL LIGHT CIRCUIT SHALL BE DEMOLISHED AS REQUIRED BY THE DEMOLITION SCOPE ON THE DOCUMENTS. REPAIR ANY CIRCUITS THAT ARE PARTIALLY DEMOLISHED AND CONTAIN OUTLETS THAT ARE NOT IN SCOPE OR OUTSIDE OF THE LIMITS OF CONSTRUCTION TO WORKING CONDITION. PROVIDE CONDUIT AND BOXES AS NEEDED.
- D. MODIFIED LIGHTING CIRCUITS SHALL NOT EXCEED 80% CIRCUIT LOAD BASED ON CIRCUIT AMPACITY.
- E. ALL REMOVED AND REINSTALLED LIGHT FIXTURES MUST BE CLEANED, RELAMPED AS REQUIRED AND TOUCHED UP WITH PAINT. ALL DAMAGED PARTS MUST BE REPLACED. THE FIXTURES SHALL THEN BE REINSTALLED AS REQUIRED. PROVIDE NEW DRIVERS AS REQUIRED.
- F. ALL EXISTING INTERCOM/SPEAKERS SHALL BE REMOVED AND REINSTALLED AS REQUIRED TO FACILITATE RENOVATION. SUBJECT TO EXISTING EQUIPMENT OPERATION CONDITION VERIFICATION.

GENERAL DEMOLITION SCOPE NOTES:

- A. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRESENT ON SITE PRIOR TO BIDDING, AND SHALL BE EXPECTED TO PERFORM DEMOLITION AND REINSTALL NEW AS SHOWN ON THE DOCUMENTS, INCLUDING SCOPE THAT MAY NOT FEASIBLY BE INDICATED ON PLAN.
- B. CONTRACTOR SHALL VERIFY AND DOCUMENT EXISTING CONDITIONS OF ALL OUTLETS (AS DEFINED BY NEC) THAT ARE INDICATED OR REQUIRED TO BE REMOVED AND REINSTALLED TO FACILITATE THE WORK REQUIRED BY ALL TRADES. WHERE OUTLETS ARE REINSTALLED IN NON-OPERABLE CONDITION, THE CONTRACTOR SHALL REPLACE AT NO COST TO THE OWNER. DOCUMENT OUTLETS IN NON-WORKING CONDITION PRIOR TO REMOVE AND NOTIFY THE OWNER.
- C. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL TO ALL REMOVED MATERIALS. CONTRACTOR SHALL COORDINATE WITH OWNER FOR LOCATION TO RETURN ANY AND ALL MATERIAL FOR OWNER STORAGE. FAILURE TO TURN OVER REMOVED MATERIAL TO OWNER MAY REQUIRE CONTRACTOR TO REPLACE EQUIPMENT REMOVED WITH NEW.
- D. REMOVE ALL ELECTRICAL DEVICES WITHIN DEMOLISHED WALLS INCLUDING RECEPTACLES, SWITCHES, DATA/TELEPHONE DROPS, FIRE ALARM DEVICES, PIA DEVICES, CONDUIT, AND WIRING. REMOVE CONDUIT AND WIRING BACK TO PANEL OR LAST ACTIVE JUNCTION BOX. REFER TO ARCHITECTURAL DEMO PLAN. THIS SCOPE MAY NOT BE DIRECTLY IMPLIED BY NOTES ON DEMO PLANS AS IT IS ASSUMED THIS SCOPE EXISTS BASED ON ARCHITECTURAL DEMOLITION PLANS.
- E. REFERENCE FIRE ALARM GENERAL NOTES FOR ASSOCIATED FIRE ALARM SCOPE OF WORK.
- F. ALL ABANDONED CONDUIT AND BOXES FOUND IN CRAIN SPACES, CEILINGS SPACES, CHASES, OR UTILITY SPACES SHALL BE REMOVED. ANY EXISTING CONDUIT THAT IS UNDERGROUND MAY BE ABANDONED.
- G. CONTRACTOR SHALL REVIEW DEMO AND NEW WORK PLANS SIMULTANEOUSLY TO IDENTIFY SCOPE THAT IS TO BE MODIFIED FOR REUSE WITH NEW SCOPE.

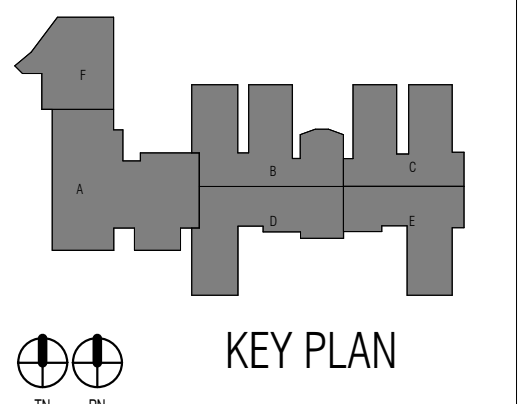
GENERAL POWER DEMOLITION NOTES:

- A. GENERAL DEMOLITION NOTES APPLY TO ALL DEMO/REMODELING SCOPE.
- B. WHEN OUTLETS ARE ABANDONED, WIRE MUST BE PULLED OUT OF THE CONDUIT BACK TO THE NEAREST REMAINING BOX OR CABINET. EXPOSED CONDUIT THAT HAS BEEN ABANDONED MUST BE REMOVED.
- C. RE-ESTABLISH SERVICE TO ALL OUTLETS THAT MAY BE INTERRUPTED DUE TO REMODELING WORK.
- D. PROVIDE ALL APPURTENANCES REQUIRED TO REROUTE, RELOCATE, REMOVE OR REINSTALL ALL ITEMS DESCRIBED IN THESE NOTES.
- E. EXISTING CIRCUITS MODIFIED IN FIELD SHALL NOT EXCEED 80% CAPACITY BASED ON AMP-RATING OF CIRCUIT.
- F. DO NOT LEAVE ABANDONED CONDUIT, BOXES, EQUIPMENT, OR ENCLOSURES AFTER DEMOLITION. ALL ABANDONED MATERIAL MUST BE REMOVED.
- G. IDENTIFICATION AND LABELING SHALL BE PROVIDED IN ACCORDANCE WITH SPECIFICATIONS AND/OR NEW-WORK GENERAL ELECTRICAL NOTES.
- H. CIRCUIT NUMBERS ARE FOR PLAN REFERENCE ONLY. CONTRACTOR SHALL RELABEL ALL CIRCUIT DIRECTORIES WITH LOAD NAMES FOR ALL EXISTING AND NEW PANELS THAT WERE MODIFIED WITHIN THIS PROJECT.
- I. EXISTING CIRCUIT BREAKERS VACATED DUE TO REMODELING WORK SHALL REMAIN AS SPARE BREAKERS AND TURNED TO THE OFF POSITION.
- J. WHERE INDICATED OR REQUIRED BY OTHER TRADES, CONTRACTOR SHALL REMOVE ALL ELECTRICAL CONNECTIONS TO EXISTING PREWIRED FURNITURE. REMOVE CONDUIT AND WIRING BACK TO LAST ACTIVE JUNCTION. ALL DATA CABLING SHALL BE REMOVED BACK TO LAST ACTIVE JUNCTION AND SALVAGED FOR REINSTALLATION.

GENERAL ELECTRICAL NOTES:

- A. ELECTRICAL DEVICES SHOWN ARE NOT EXACT. ALL DEVICE LOCATIONS SHALL BE VERIFIED WITH ARCHITECTURAL MILLWORK, CASEWORK, AND GENERAL ELEVATION VIEWS.
- B. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, OUTLET BOXES, JUNCTION BOXES FOR ALL TECHNOLOGY, LOW VOLTAGE, ACCESS CONTROL, SECURITY, SURVEILLANCE, AND OTHER DIVISION 27/28 SCOPE. REFER TO DIVISION 27/28 DRAWINGS AND SPECIFICATIONS FOR ALL WORK REQUIRED. OMISSION OF THIS SCOPE FROM DIV 28 SCOPE OF WORK IS PROHIBITED.
- C. HVAC AND PLUMBING EQUIPMENT LOCATIONS ARE NOT EXACT, AND THE EXACT POINT OF CONNECTION TO EQUIPMENT MAY VARY. COORDINATE EXACT ROUGH-IN REQUIREMENTS IN FIELD AND WITH FINAL SUBMITTALS FOR ALL DIV. 21/22/23 EQUIPMENT.
- D. PROVIDE LABELING OF ALL DEVICES, CONDUIT, PANELS, AND JUNCTION BOXES IN ACCORDANCE WITH ELECTRICAL SPECIFICATIONS.
- E. MINIMIZE ROOF PENETRATIONS. WHERE ABLE, ROUTE ALL CONDUIT FOR ROOF MOUNTED EQUIPMENT THROUGH ROOF CURS. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING NECESSARY WATER PROOFING AROUND ROOF PENETRATIONS WITH ROOFING INSTALLER.
- F. ALL RECEPTACLES LOCATED IN RESTROOMS, JANITOR CLOSETS, MECHANICAL ROOMS, ELEVATOR PITS OR SHAFTS, ELEVATOR EQUIPMENT ROOMS, SERVING ELECTRIC DRINKING FOUNTAINS OR VENDING MACHINES, LOCATED WITHIN 6" OF A SINK. LOCATED ABOVE A WET COUNTERTOP OR IN A KITCHEN OR COFFEE BAR SHALL BE GFCI. FEED-THRU GFCI/SPFI IS PROHIBITED. ALL GFCI/SPFI DEVICES SHALL BE PROVIDED WITH INDIVIDUAL TEST/RESET FEATURES.
- G. MULTI-WIRE HOME RUNS SHALL NOT BE ALLOWED. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. SHARING CONDUIT IS PERMISSIBLE WHERE TOTAL CONDUCTOR AMPACITY DERATING HAS BEEN PERFORMED BY ELECTRICAL CONTRACTOR. THE NEUTRAL IS CONSIDERED CURRENT-CARRYING.
- H. ALL RECEPTACLES SHALL BE TAMPER RESISTANT TYPE. CONTRACTOR MAY PROVIDE NON-TAMPER-RESISTANT RECEPTACLES WHERE NOT REQUIRED PER CURRENT NEC ARTICLE 406.
- I. LABEL ALL CIRCUITS AT ALL JUNCTION BOXES AND OUTLETS (AS DEFINED BY NEC) WITH TYPE-WRITTEN LABEL IDENTIFYING CIRCUIT ON THE BACK OF DEVICE COVER PLATES OR ON COVER OF JUNCTION BOX. IF A BOX HAS MULTIPLE CIRCUITS WITHIN, LABEL ALL CIRCUITS.





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Director
 Approver
 Designer
 Designer
 Proj. Arch.
 DBR

Drawn By
 DBR
 Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

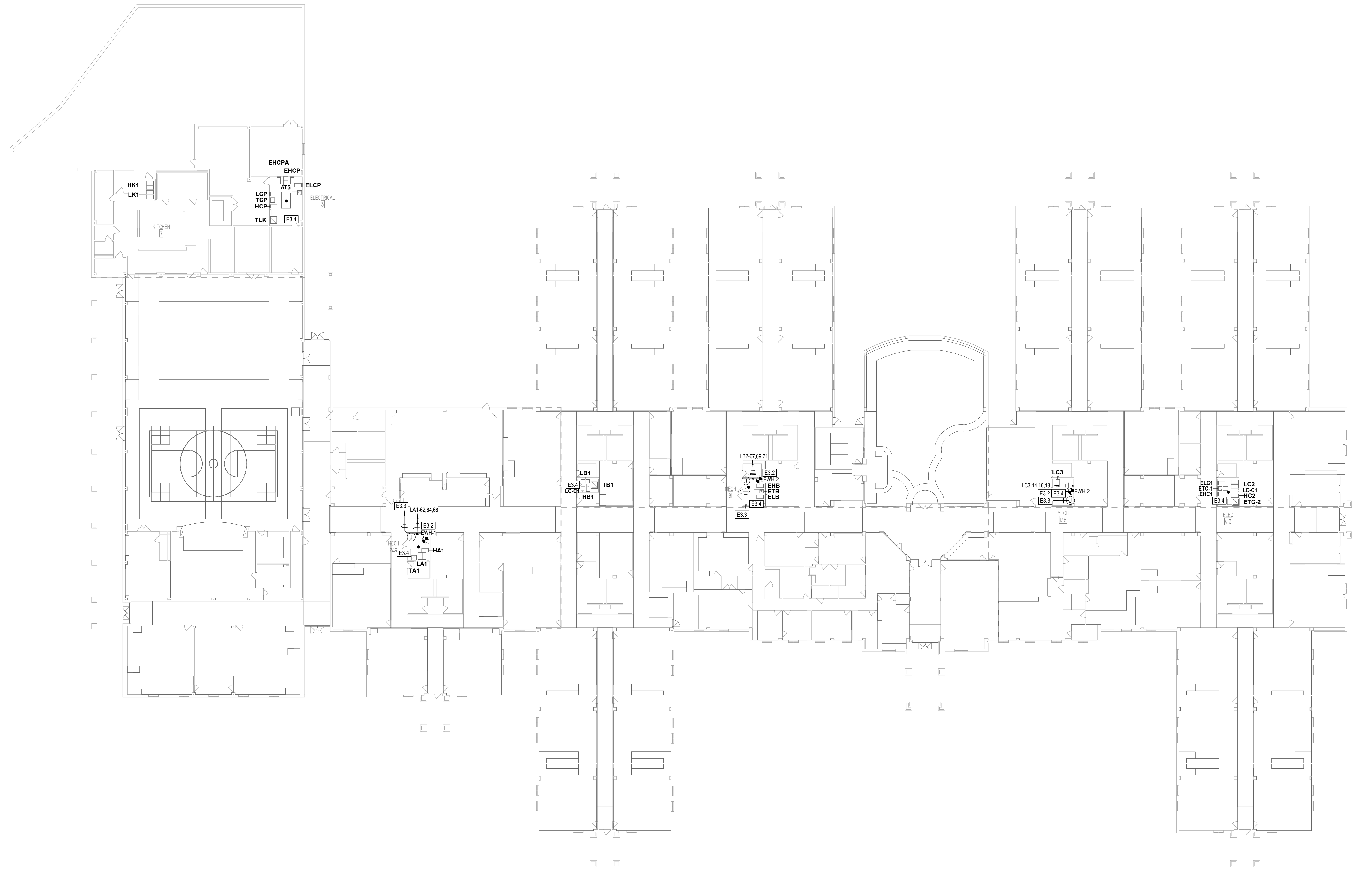
GILE - COMPOSITE POWER PLAN

SHEET NO.

E22.11

ELECTRICAL KEYED NOTES

- E3.2 REPLACE ELECTRIC WATER HEATER. TRACE CIRCUIT AND FIELD VERIFY EXACT CIRCUIT NUMBER, WIRE AND CONNECT TO NEW DISCONNECT SWITCH. COORDINATE WITH DIVISION 21 PRIOR TO WORK.
- E3.3 UTILIZE EXISTING CIRCUIT SERVING CIRCULATION PUMP. REMOVE ALL WIRE BACK TO PANEL. PROVIDE NEW CONDUIT AND NEW #10 WIRE AND RECONNECT TO EXISTING CIRCUIT.
- E3.4 ELECTRICAL EQUIPMENT IN THIS ROOM SHALL BE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT.



1 COMPOSITE POWER PLAN - LEVEL ONE
 E22.11 1" = 20'-0"



LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER	MODEL	MOUNTING	LAMPS	VOLTAGE	WATTAGE	DESCRIPTION
D	KRLW	LKS-08074-6500L-277-V-BICR1-D1	RECESSED	LED	277 V	74 VA	8' SQUARE UPGRADE KIT EXTERIOR DOWNLIGHT
W	GARCOO	101L-32L-530-NV-G1-2-UNV-CS93-FIN ISH	SURFACE	LED	277 V	24 VA	8' SQUARE UPGRADE KIT EXTERIOR WALL PACK

ELECTRICAL KEYED NOTES

- E9.1 EXISTING LIGHT FIXTURES SHALL BE REMOVED AND REPLACED WITH NEW. ALL ELECTRICAL CONNECTIONS SHALL BE DISCONNECTED. PROVIDE NEW WIRE. RE-USE EXISTING CONDUIT WHERE POSSIBLE. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF LIGHT FIXTURES.
- E9.2 ROUTE CIRCUIT VIA BODINE UL 1008 GTD 20A GENERATOR TRANSFER DEVICE. LOCATE GTD ADJACENT TO EMERGENCY PANEL SERVING EMERGENCY LIGHTING CIRCUIT. CONNECT NORMAL AND EMERGENCY CIRCUIT POWER TO CIRCUITS INDICATED ON PLANS. ROUTE NORMAL CIRCUIT THROUGH LIGHTING CONTRACTOR. TYPICAL FOR ALL EXTERIOR LIGHTING CIRCUITS.

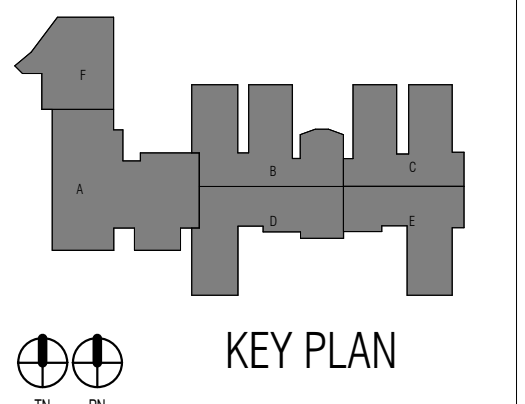


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CLEAR CREEK ISD
 LEAGUE CITY, TEXAS

CCISD PROJECT NO:
 2025.401



CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

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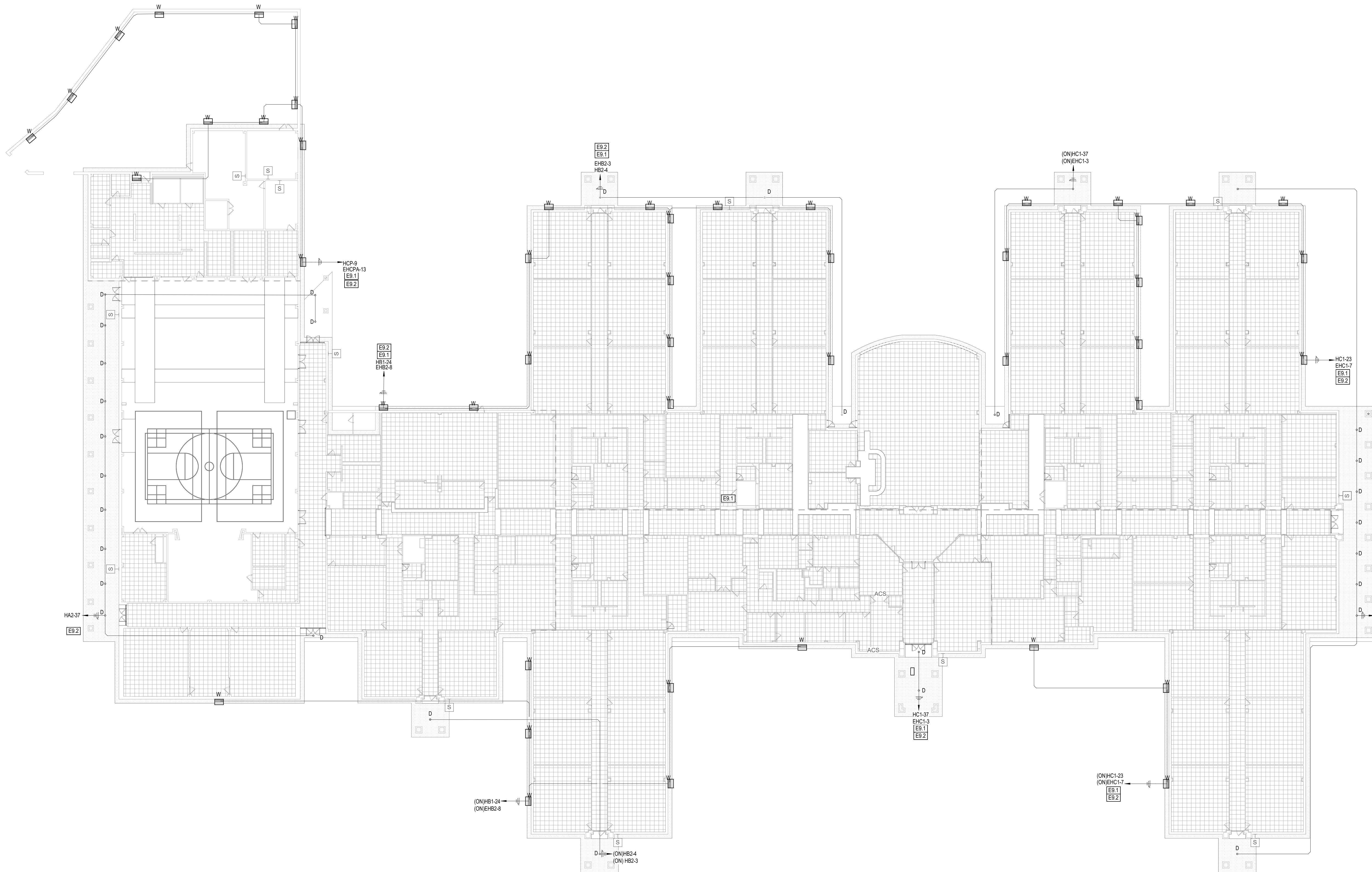
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SHEET TITLE

GILE - COMPOSITE
 LIGHTING PLAN

SHEET NO.

E22.12



1 COMPOSITE ELECTRICAL LIGHTING PLAN - LEVEL ONE
 E22.12 1" = 20'-0"

ELECTRICAL KEYED NOTES

E3.1 REPLACE EXHAUST FAN. ALL ELECTRICAL CONNECTIONS SHALL BE DISCONNECTED. REMOVE ALL WIRE BACK TO PANEL. PROVIDE NEW CONDUIT AND NEW #10 WIRE AND RECONNECT TO EXISTING CIRCUIT. WHERE SHOWN ON PLAN, CIRCUIT NUMBER IS FOR REFERENCE ONLY. TRACE CIRCUIT AND FIELD VERIFY EXACT CIRCUIT NUMBER. WIRE AND CONNECT TO NEW DISCONNECT PROVIDED BY DIVISION 23 AND INSTALLED BY DIVISION 26. COORDINATE WITH DIVISION 23 PRIOR TO WORK.



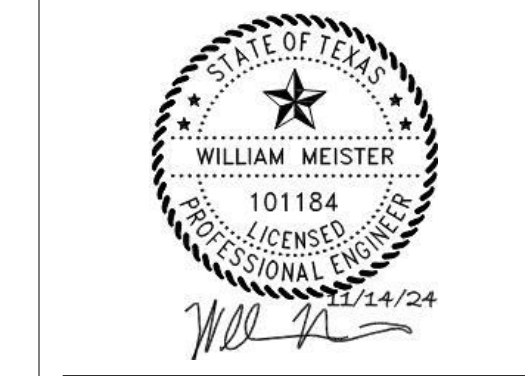
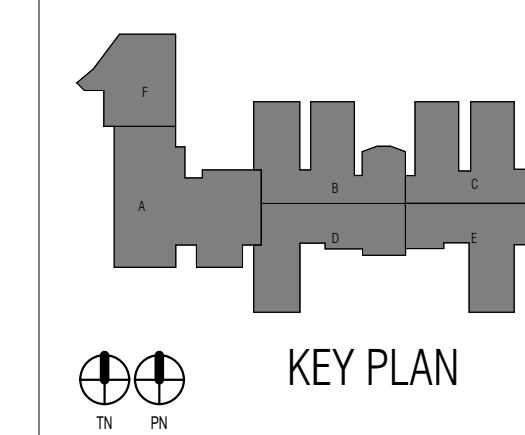
1 ELECTRICAL ROOF PLAN
E25.11 1" = 20'-0"

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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

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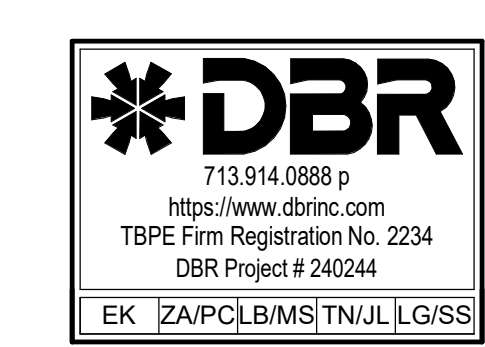
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SHEET TITLE

GILE - ELECTRICAL ROOF PLAN

SHEET NO.

E25.11



CCISD Priority Repairs - BAUE GILE WEBE

Panelboard HK1												0 AIC Rating															
												Existing															
												X New															
480/277 Volt, 3-Phase, 4-Wire												X															
2 Section												X															
1 -Nema Rating												X															
Notes	Load (VA)	Description	Type	Wire	CB	CKT #	PH	CKT #	CB	Wire	Type	Description	Load (VA)	Notes													
1	3878	EXISTING LOAD	K	10	3003	1	A	2	3003	10	K	EXISTING LOAD	3817	1													
1	3878	EXISTING LOAD	K	10	3003	3	B	4	3003	10	K	EXISTING LOAD	3817	1													
1	3878	EXISTING LOAD	K	10	3003	5	C	6	3003	10	K	EXISTING LOAD	3817	1													
1	4017	EXISTING LOAD	K	12	2003	7	A	8	3003	10	K	EXISTING LOAD	3817	1													
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1	6994	EXISTING LOAD	K	10	3003	51	B	52	3003	10	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	53	A	54	3003	10	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	55	A	56	3003	10	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	57	B	58	3003	10	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	59	C	60	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	61	A	62	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	63	B	64	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	65	C	66	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	67	A	68	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	69	B	70	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	71	C	72	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	73	A	74	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	75	B	76	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	77	C	78	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	79	A	80	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	81	B	82	2013	12	K	EXISTING LOAD	900	1													
1	6994	EXISTING LOAD	K	10	3003	83	C	84	2013	12	K	EXISTING LOAD	900	1													
96.813	Subtotal											134,229															
N.E.C.												Load Type		Conn.		Fct.		Diversity		N.E.C.		Conn.		Fct.		Diversity	
220.44	(R) Recept	0	0	100%	0	210.20(A)	(L) Lighting	0	30,950	125%	38,688																
220.56	(K) Kitchen	0	100%	0	210.20(A)	(EL) Ext. Ltg.	0	125%	0	125%	0																
220.60	(C) Cooling	0	0%	0	620.14	(E) Elevators	0	100%	0	100%	0																
220.60	(H) Heating	0	0%	0	220.50	(WH) Water Ht.	0	100%	0	100%	0																
220.60	(F) Fans	0	100%	0	220.50	(MT) Lrg. Mot.	0	100%	0	125%	0																
220.60	(M) Misc.	0	100%	0	220.50	(SP) Sub Panel	0	100%	0	100%	0																
Total Connected Load =												132,500 VA =		#DIV/0! AMPS		Location of Panel:											
Total Load (Diversified)=												140,238 VA =		168.8 AMPS													

Panelboard HC1												65,000 AIC Rating															
												X Existing															
												New															
277/480 Volt, 3-Phase, 4-Wire												X															
1 Section												X															
1 -Nema Rating												X															
Notes	Load (VA)	Description	Type	Wire	CB	CKT #	PH	CKT #	CB	Wire	Type	Description	Load (VA)	Notes													
1	1990	EXISTING CIRCUIT	L	12	2011	1	A	2	2003	12	C	EXISTING CIRCUIT	3950	1													
1	1990	EXISTING CIRCUIT	L	12	2011	3	B	4	2003	12	C	EXISTING CIRCUIT	3950	1													
1	1990	EXISTING CIRCUIT	L	12	2011	5	C	6	2003	12	C	EXISTING CIRCUIT	3950	1													
1	1990	EXISTING CIRCUIT	L	12	2011	7	A	8	5003	8	C	EXISTING CIRCUIT	5800	1													
1	2195	EXISTING CIRCUIT	L	12	2011	9	B	10	5003	8	C	EXISTING CIRCUIT	5800	1													
1	1880	EXISTING CIRCUIT	L	12	2011	11	C	12	5003	8	C	EXISTING CIRCUIT	5800	1													
1	1880	EXISTING CIRCUIT	L	12	2011	13	A	14	2003	12	C	EXISTING CIRCUIT	3950	1													
1	2210	EXISTING CIRCUIT	L	12	2011	15	B	16	2003	12	C	EXISTING CIRCUIT	3950	1													
1	1325	EXISTING CIRCUIT	L	12	2011	17	C	18	2003	12	C	EXISTING CIRCUIT	3950	1													
1	1900	EXISTING CIRCUIT	L	12	2011	19	A	20	2011	12	L	SPACE															
1	3800	EXISTING CIRCUIT	L	12	2011	21	B	22	2011	12	L	EXISTING CIRCUIT	1760	1													
1	3500	EXISTING CIRCUIT	L	12	2011	23	C	24	2011	12	L	EXISTING CIRCUIT	1090	1													
1	3500	EXISTING CIRCUIT	L	12	2011	25	A	26	2011	12	L	EXISTING CIRCUIT	2500	1													
1	3500	EXISTING CIRCUIT	L	12	2011	27	B	28	2011	12	L	EXISTING CIRCUIT	2500	1													
1	3500	EXISTING CIRCUIT	L	12	2011	29	C	30	2011	12	L	EXISTING CIRCUIT	2500	1													
1	3500	EXISTING CIRCUIT	L	12	2011	31	A	32	2011	12	L	EXISTING CIRCUIT	2500	1													
1	3500	EXISTING CIRCUIT	L	12	2011	33	B	34	2011	12	L	EXISTING CIRCUIT	2500	1													
1	3500	EXISTING CIRCUIT	L	12	2011	35	C	36	2011	12	L	EXISTING CIRCUIT	2500	1													
1	1000	DOWNLIGHTS	L	12	2011	37	A	38	125/3	1	SP	EXISTING CIRCUIT	25000	1													
1	3910	EXISTING CIRCUIT	L	10	3002	39	B	40	125/3	1	SP	EXISTING CIRCUIT	25000	1													
1	3910	EXISTING CIRCUIT	L	10	3002	41	C	42	125/3	1	SP	EXISTING CIRCUIT	25000	1													
33,420	Subtotal											108,900															
N.E.C.												Load Type		Conn.		Fct.		Diversity		N.E.C.		Conn.		Fct.		Diversity	
220.44	(R) Recept	0	0	100%	0	210.20(A)	(L) Lighting	0	30,950	125%	38,688																
220.56	(K) Kitchen	0	100%	0	210.20(A)	(EL) Ext. Ltg.	0	125%	0	125%	0																
220.60	(C) Cooling	26,550	100%	0	620.14	(E) Elevators	0	100%	0	100%	0																
220.60	(H) Heating	0	0%	0	220.50	(WH) Water Ht.	0	100%	0	100%	0																
220.60	(F) Fans	0	100%	0	220.50	(MT) Lrg. Mot.	0	100%	0	125%	0																
220.60	(M) Misc.	0	100%	0	220.50	(SP) Sub Panel	0	100%	0	100%	0																
Total Connected Load =												132,500 VA =		159.4 AMPS		Location of Panel:											
Total Load (Diversified)=												140,238 VA =		168.8 AMPS													

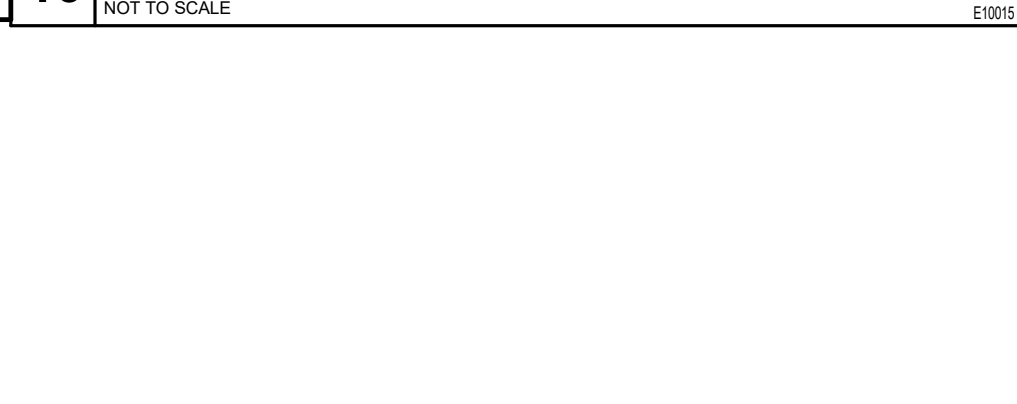
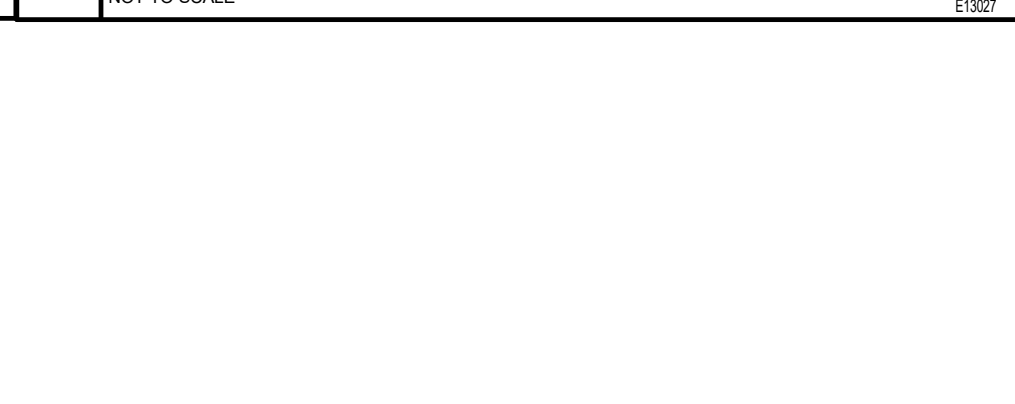
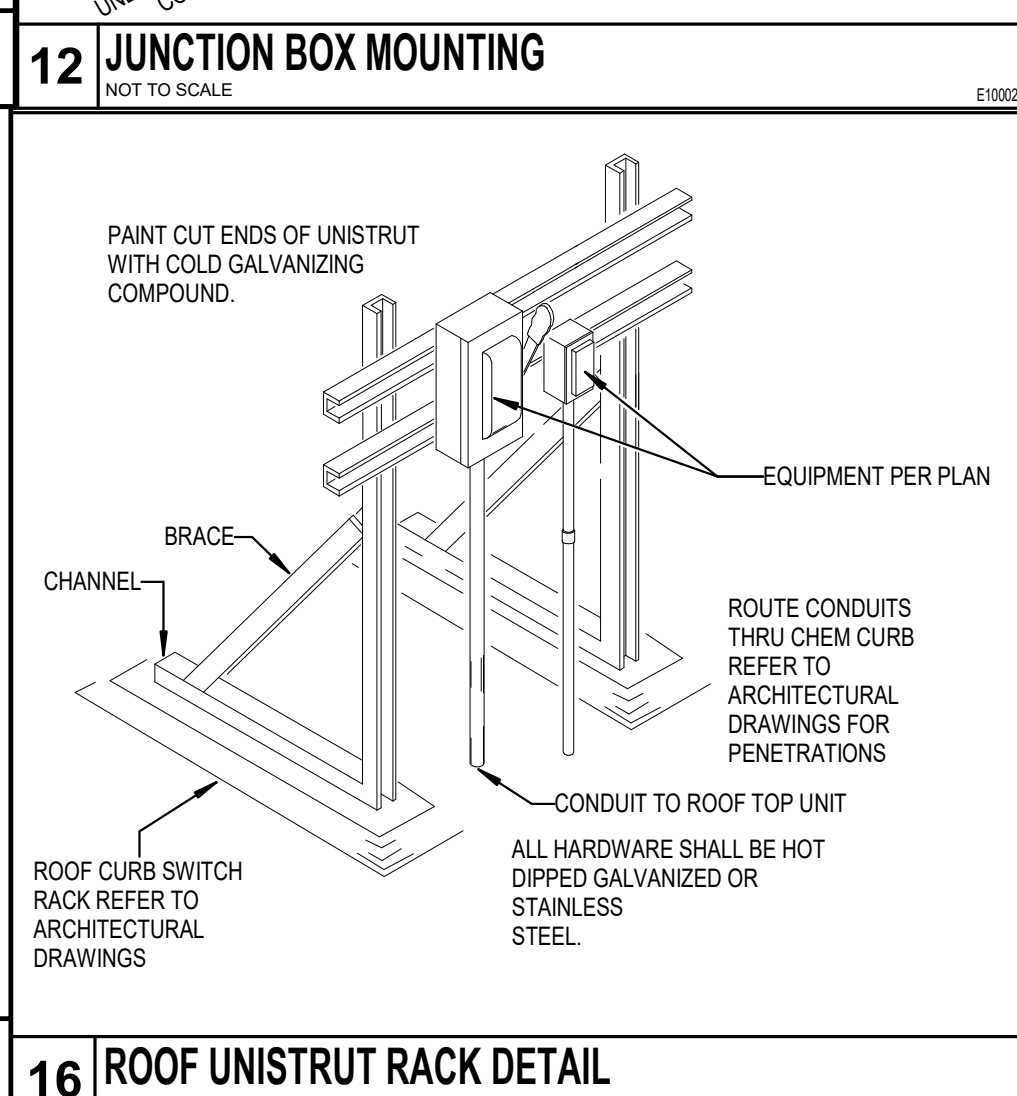
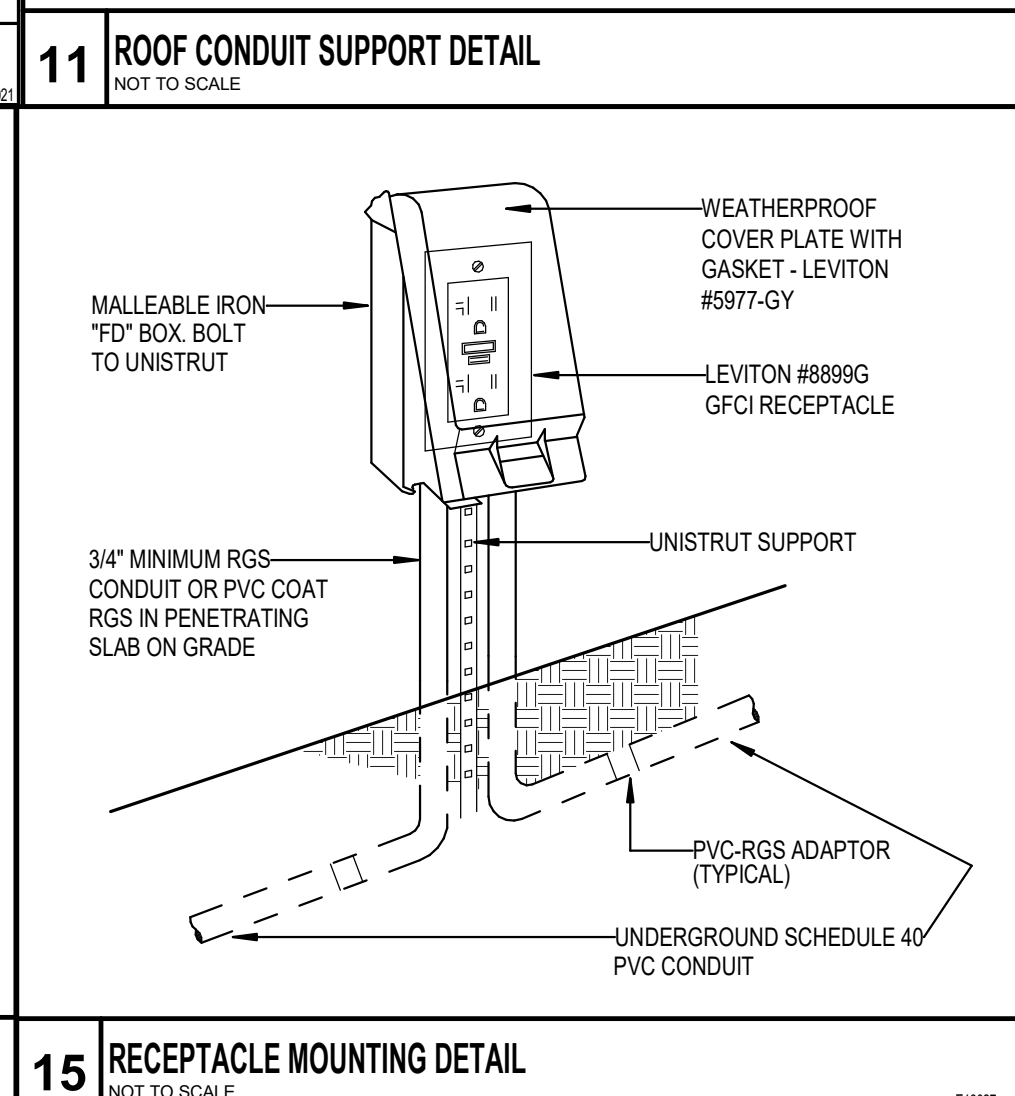
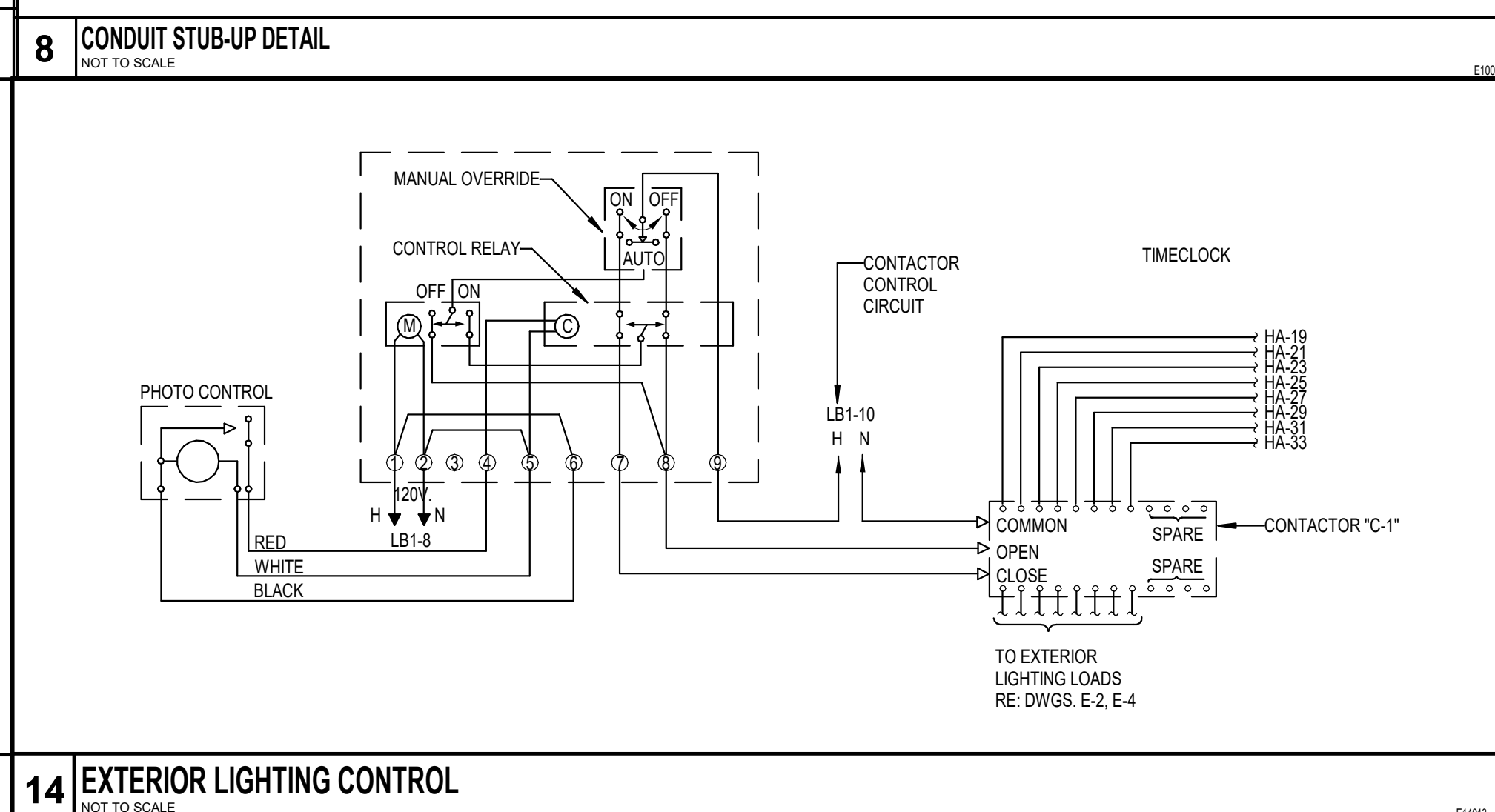
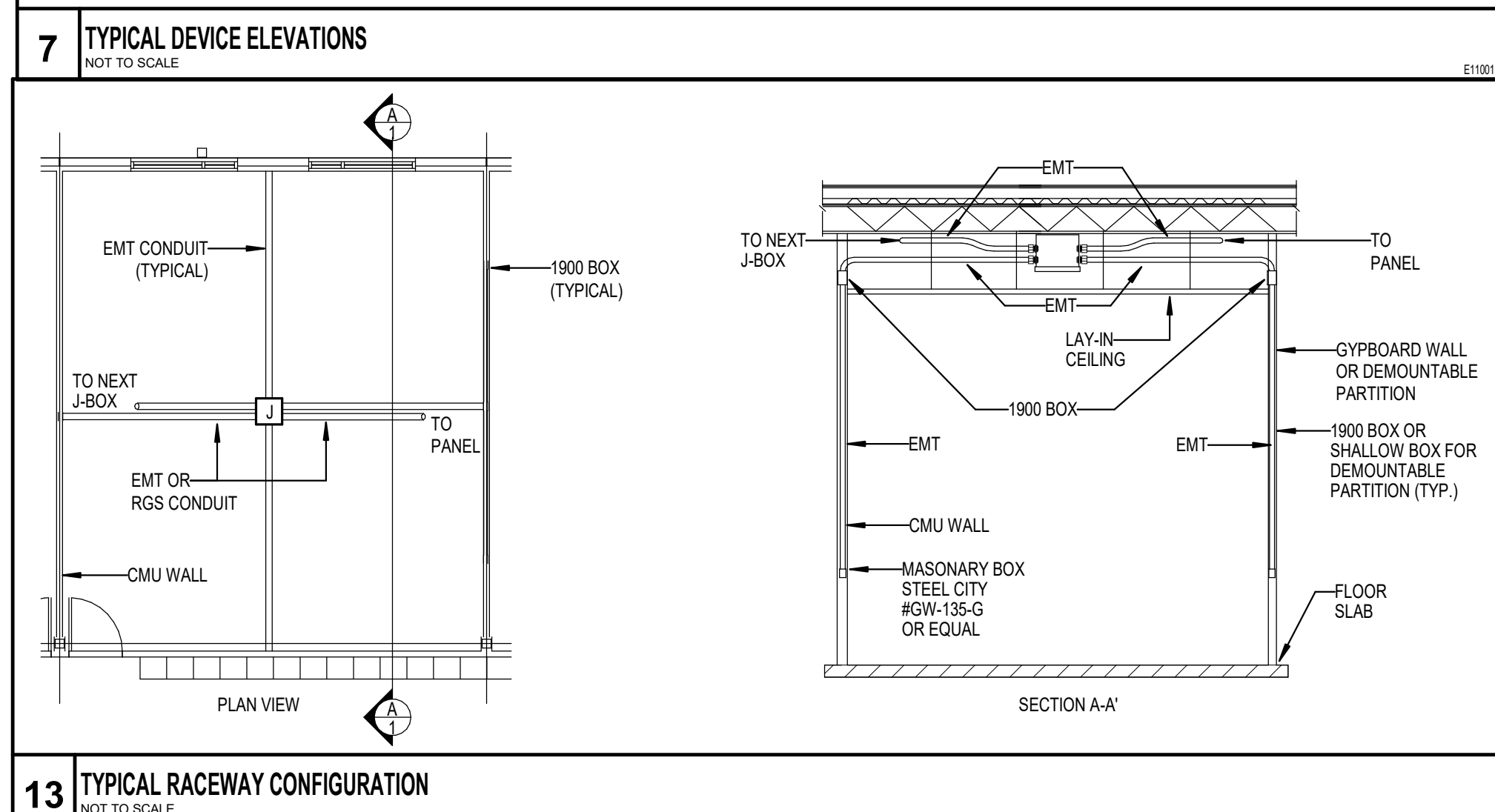
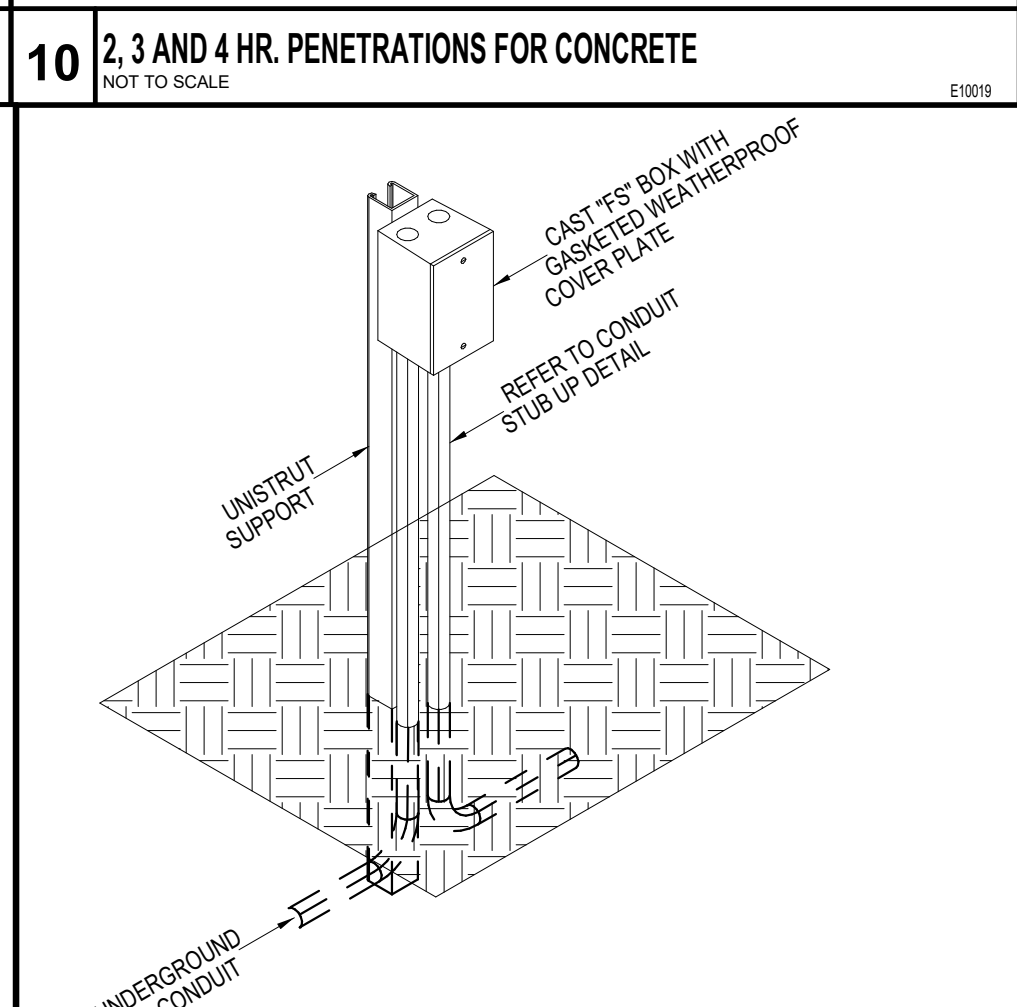
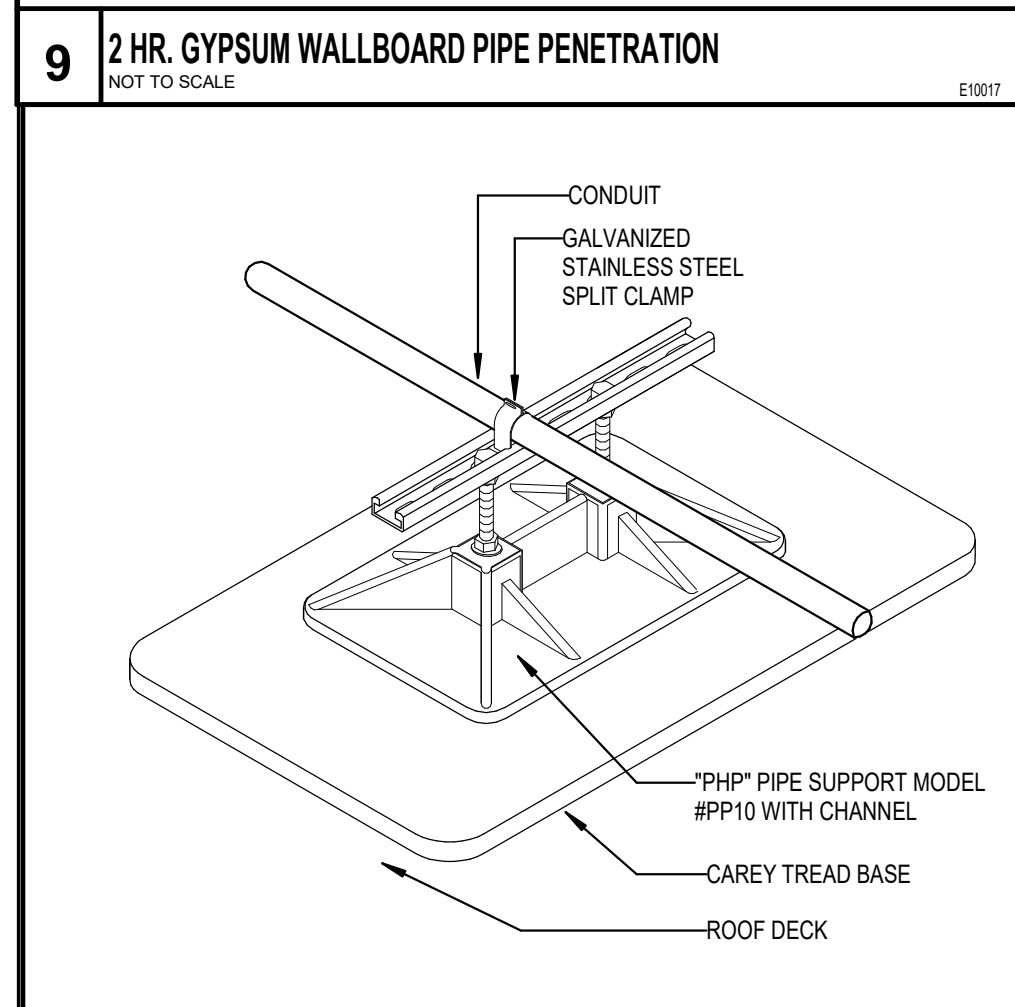
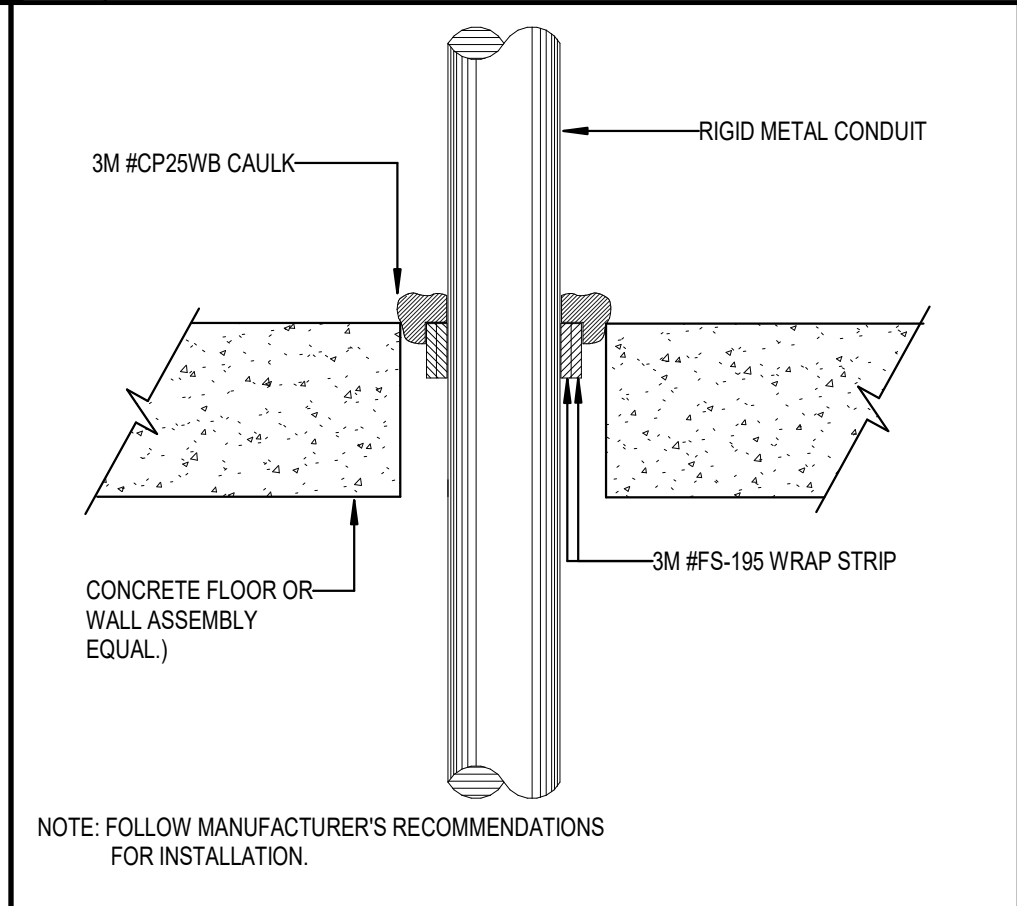
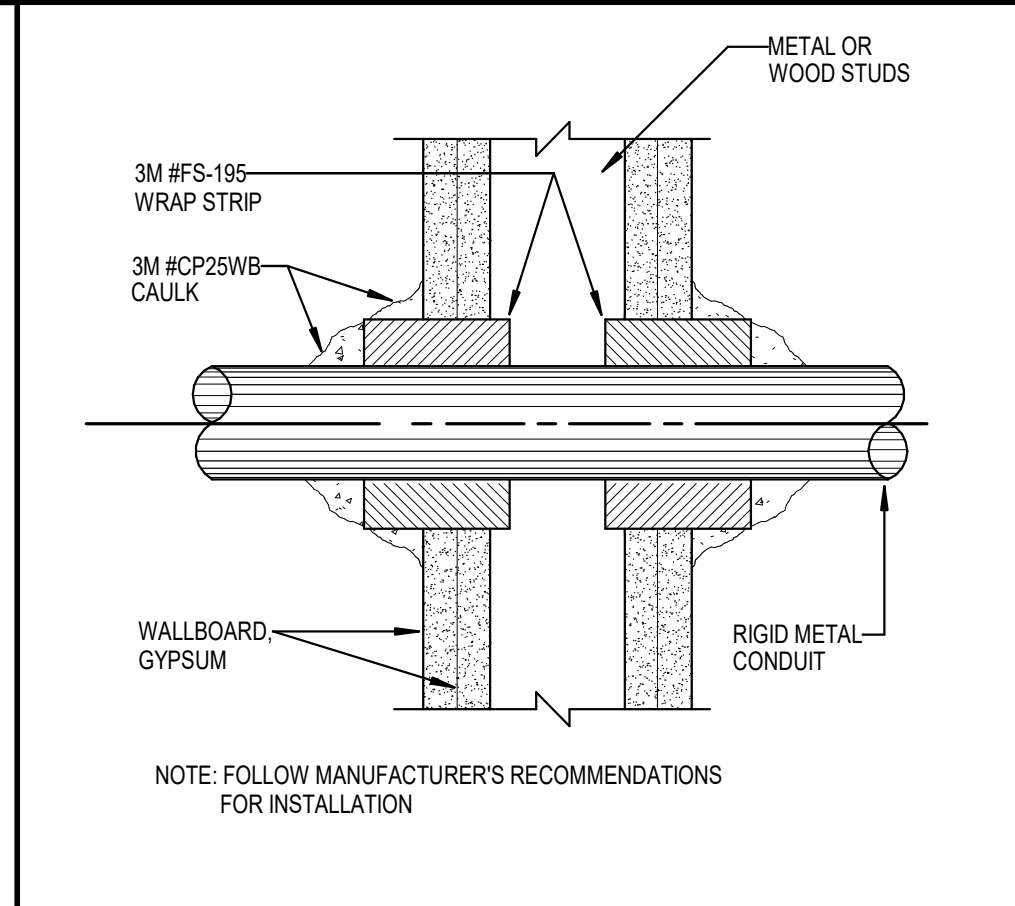
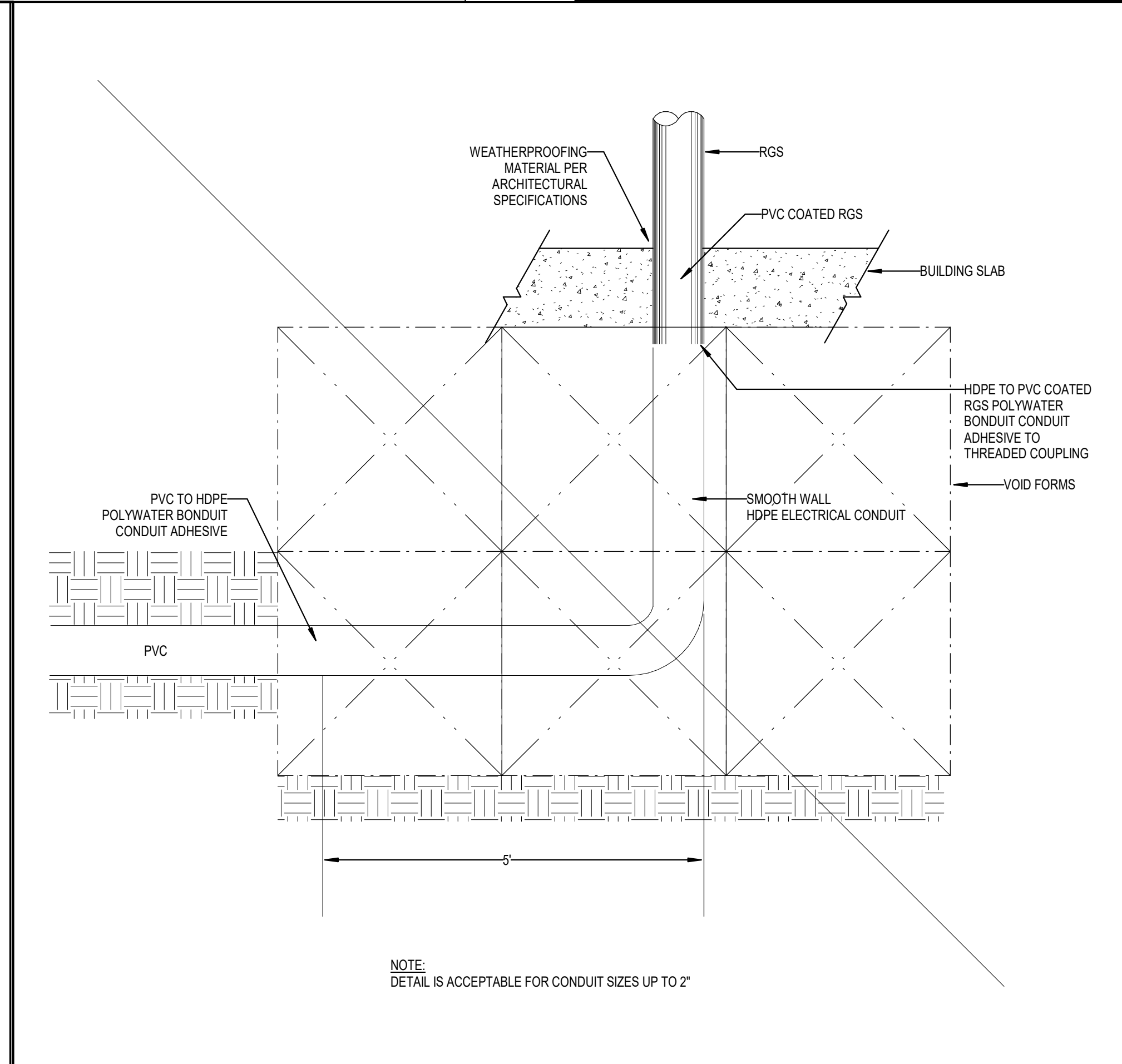
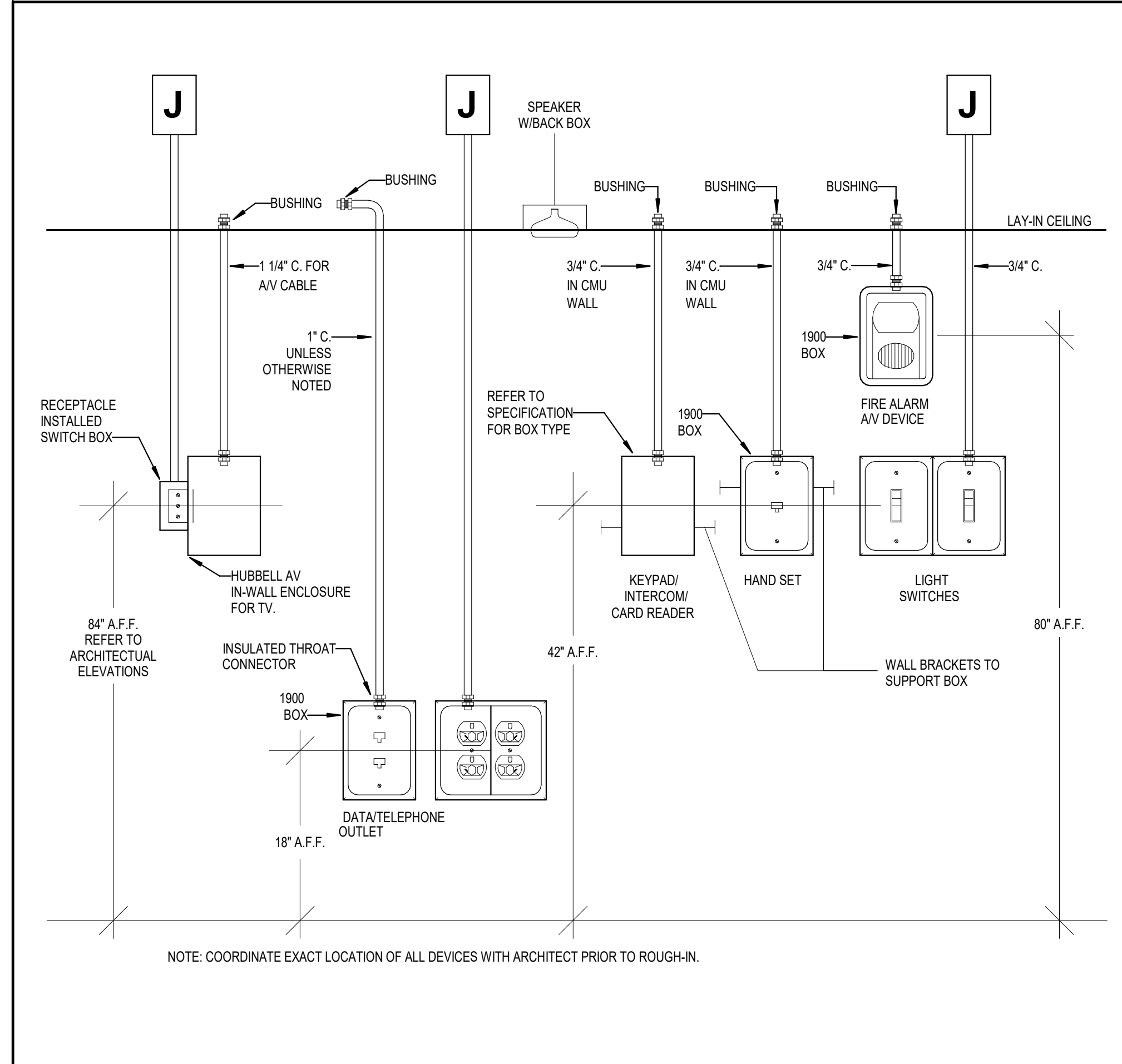
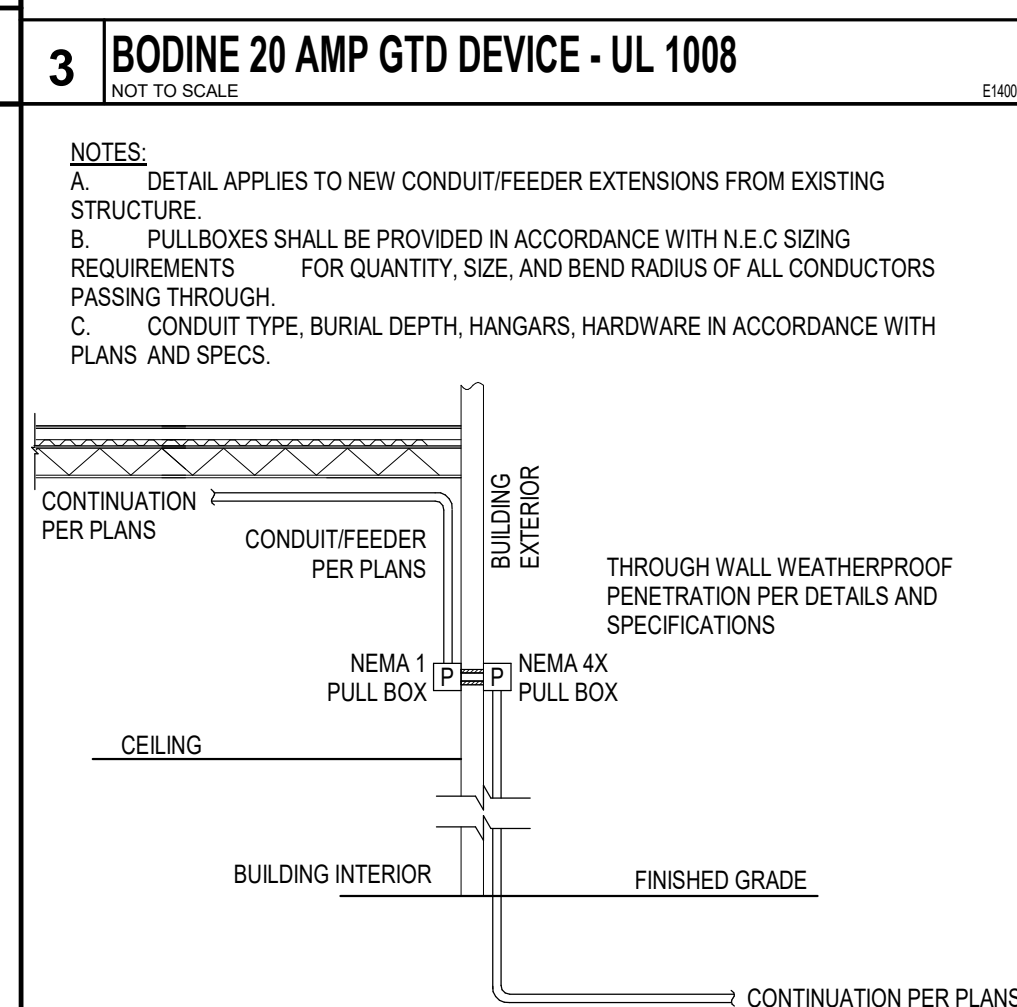
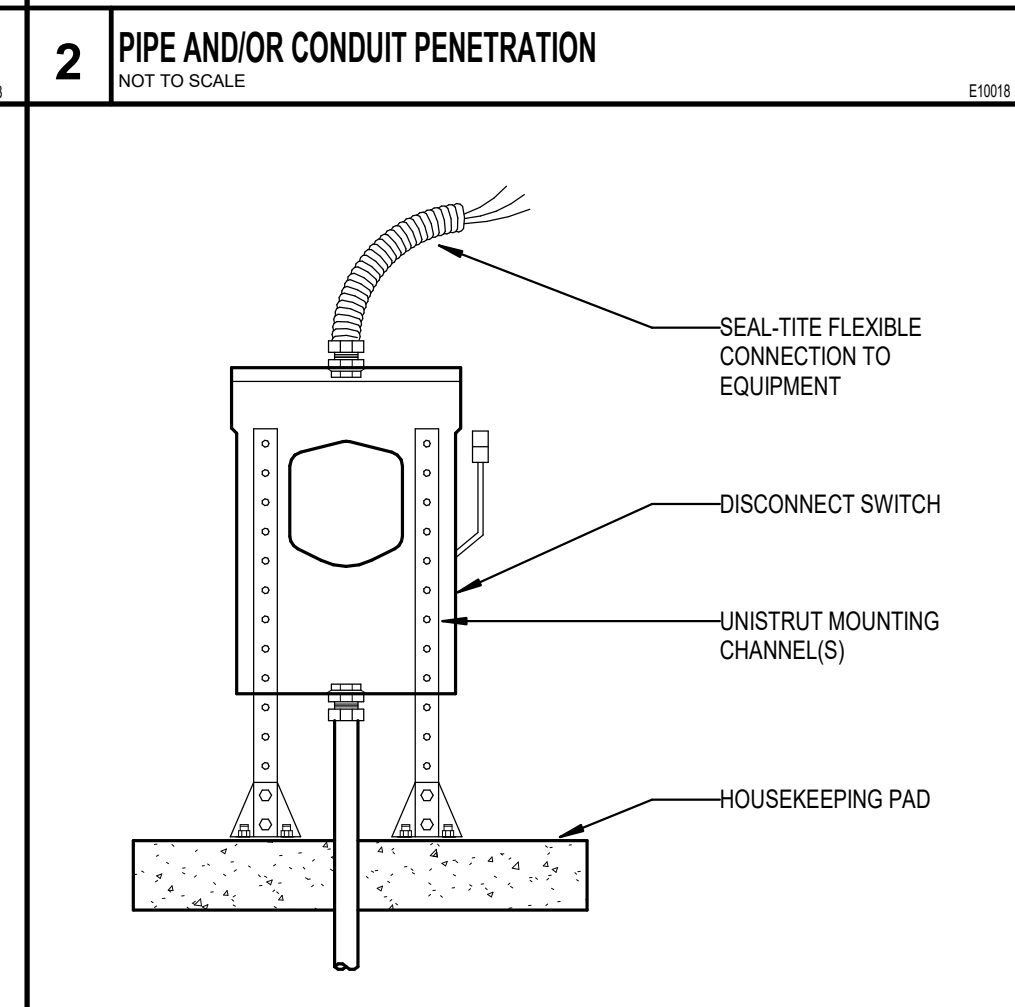
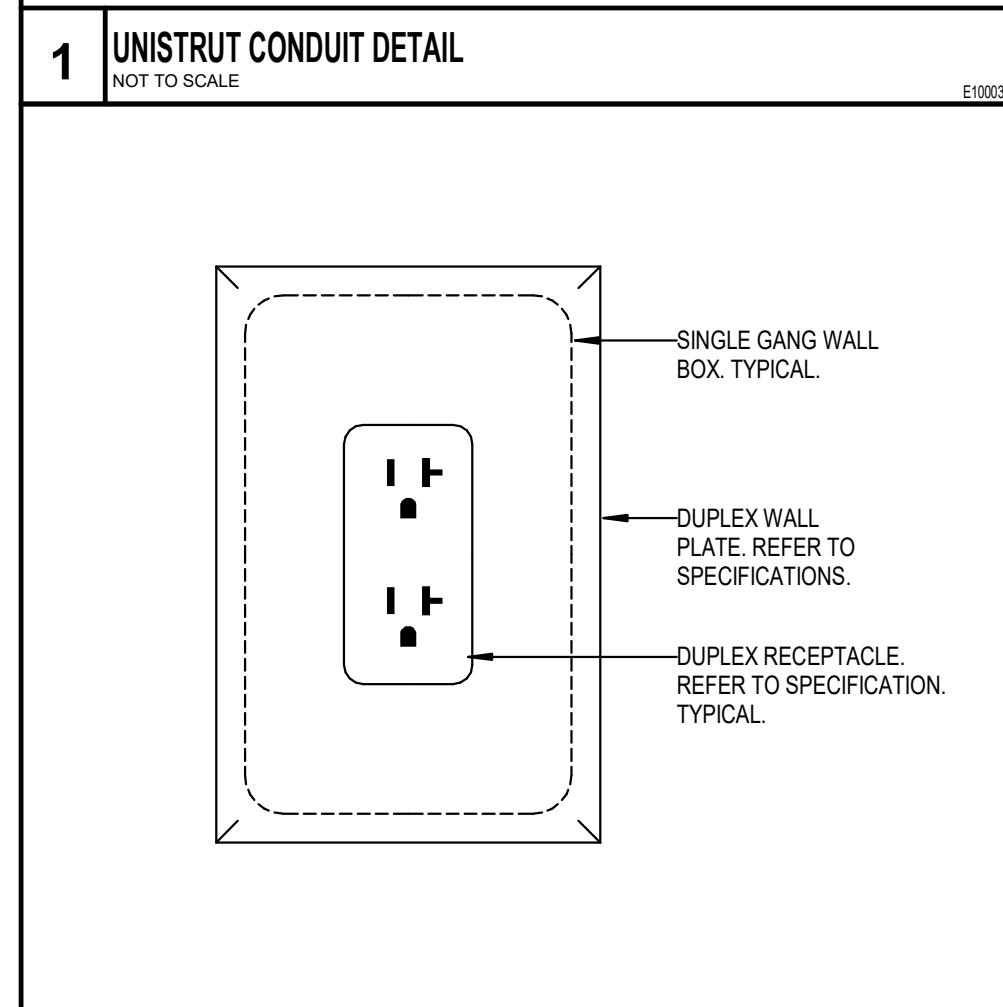
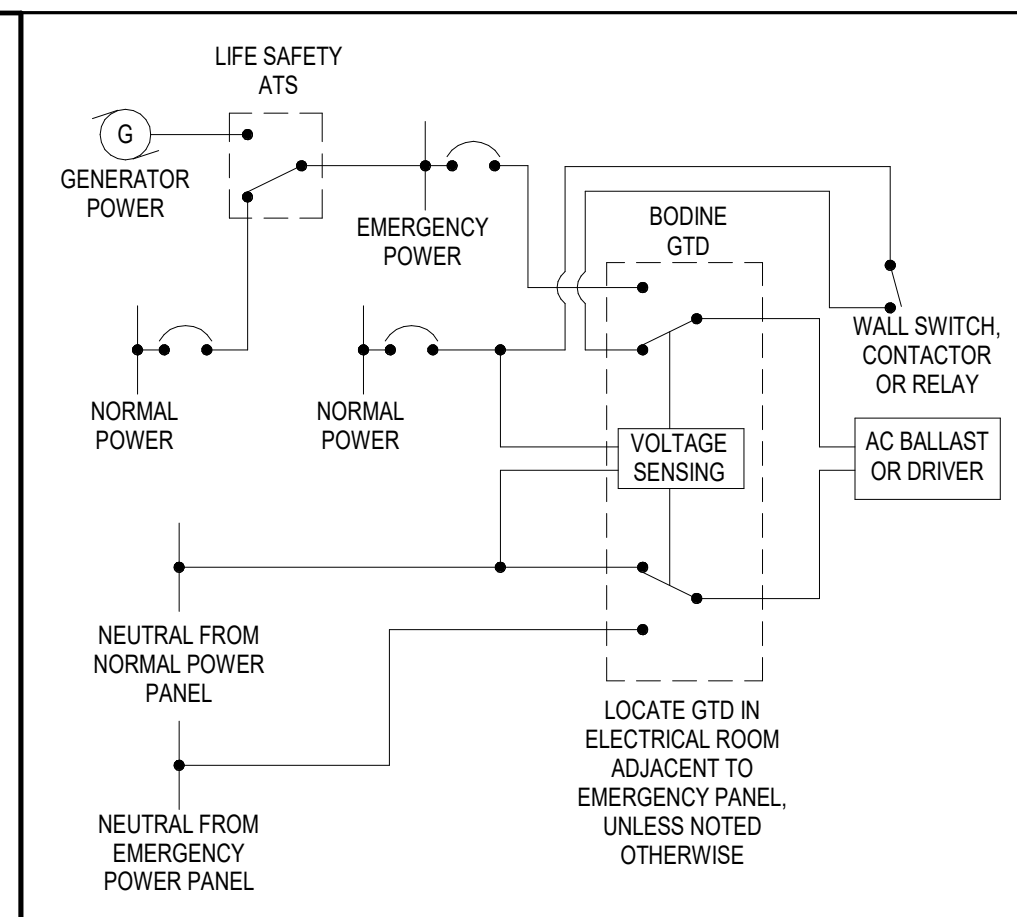
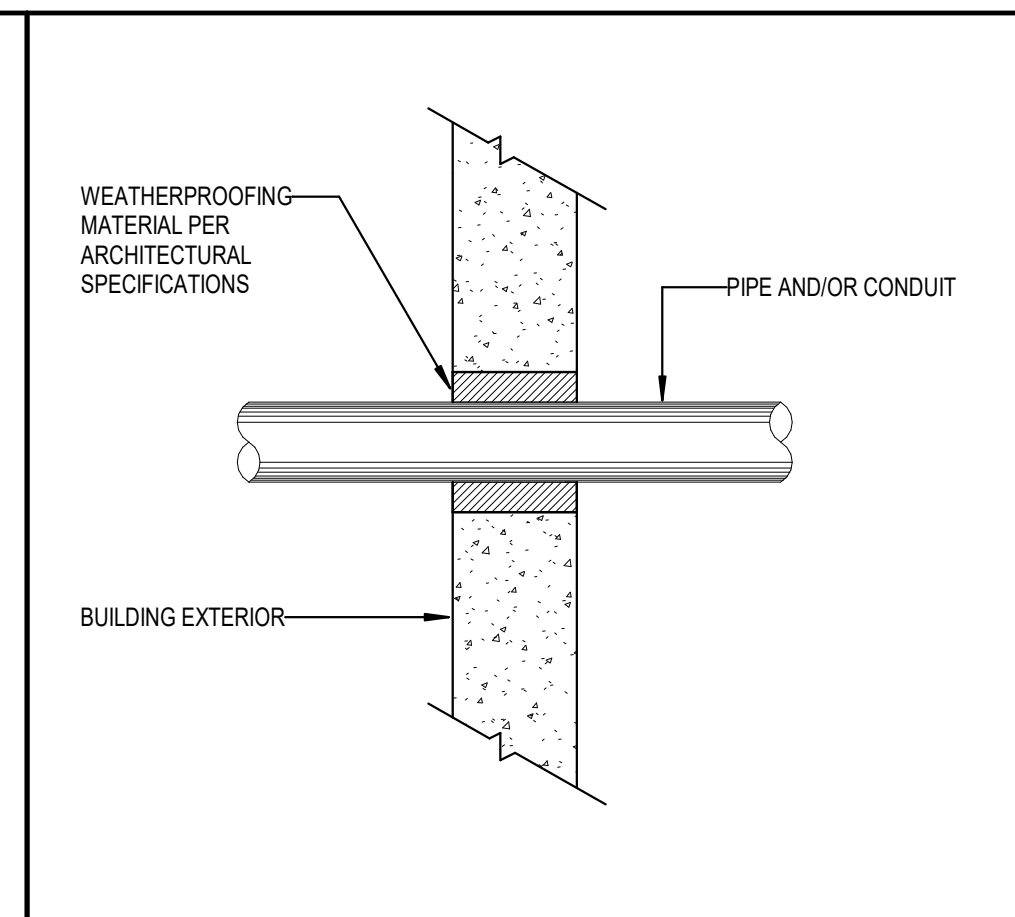
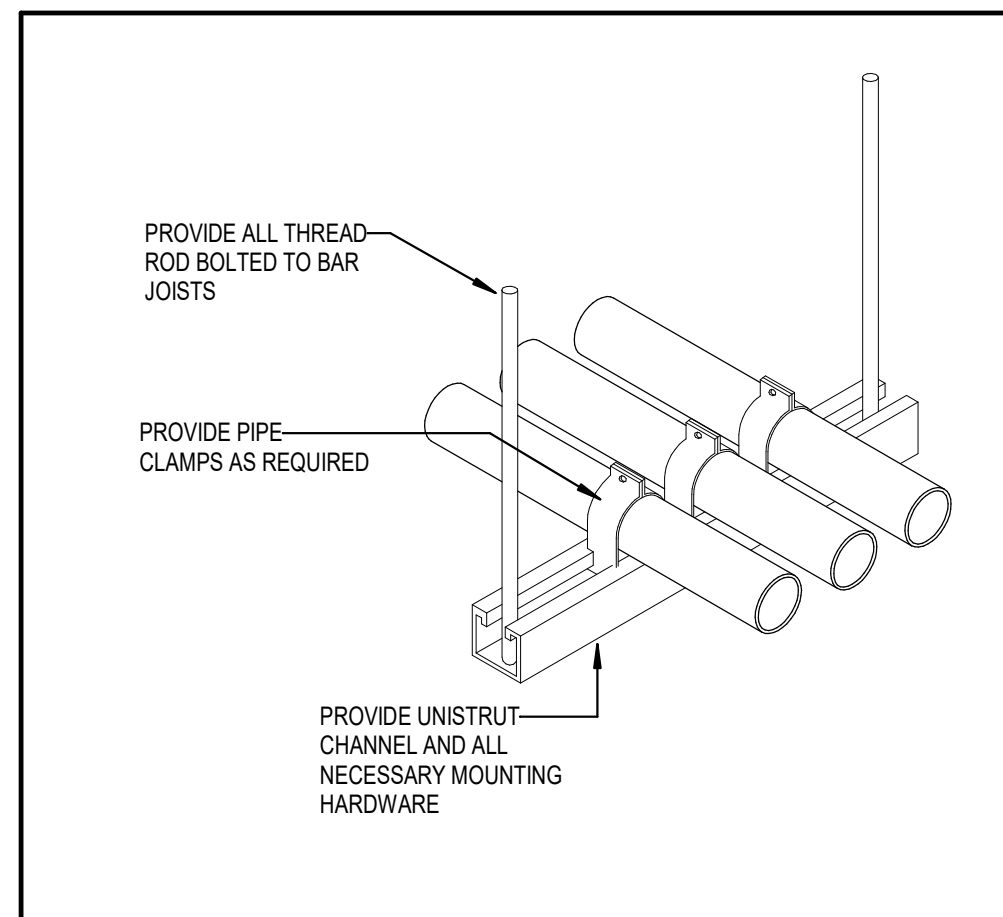
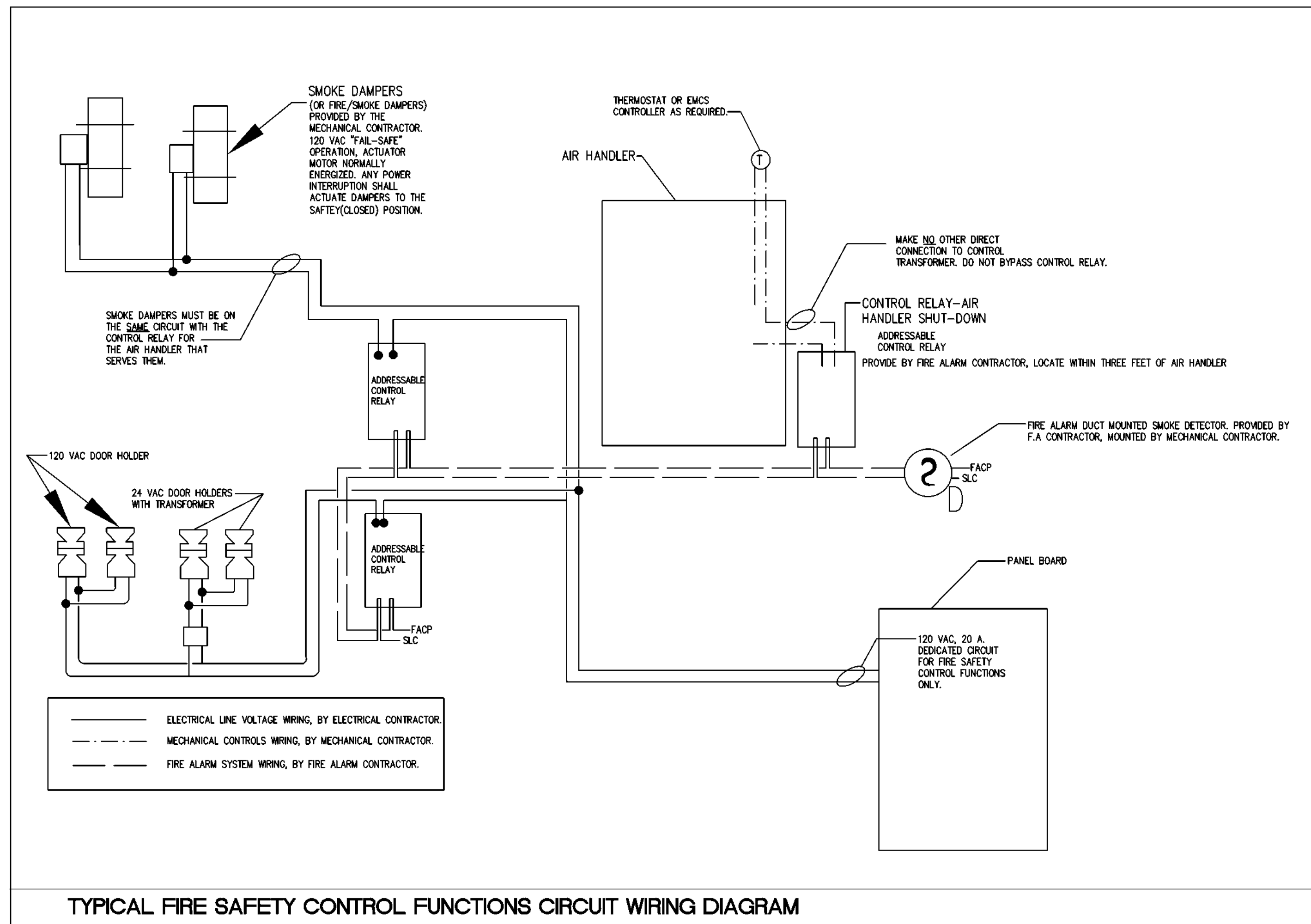
Panelboard HC2												0 AIC Rating		
												X Existing		
												New		
480/277 Volt, 3-Phase, 4-Wire												X		
1 Section												X		
1 -Nema Rating												X		
Notes	Load (VA)	Description	Type	Wire	CB	CKT #	PH	CKT #	CB	Wire	Type	Description	Load (VA)	Notes
1	900	EXISTING LOAD	L	12	2011	1	A	2	2011	12	L	EXISTING LOAD	2100	1
1	1987	EXISTING LOAD	L	12	2011	3	B	4	2011	12	WH	BWH-3	3000	2
1	1987	EXISTING LOAD	L	12	2011	5	C	6	2011	12	L	SPACE		
1	1987	EXISTING LOAD	L	12	2011	7	A	8	2011	12	L	EXISTING LOAD	3875	1
1	900	EXISTING LOAD	L	12	2011	9	B	10	2011	12	L	EXISTING LOAD	3875	1
1	1987	EXISTING LOAD	L	12	2011	11	C	12	2011	12	L	EXISTING LOAD	3875	1
1	1325	EXISTING LOAD	L	12	2011	13	A	14	2011	12	L	EXISTING LOAD	3875	1
1	1987	EXISTING LOAD	L	12	2011	15	B	16	2011	12	L	EXISTING LOAD	3875	1
1	1987	EXISTING LOAD	L	12	2011	17	C	18	2011	12	L	EXISTING LOAD	3875	1
1	1987	EXISTING LOAD	L	12	2011	1								

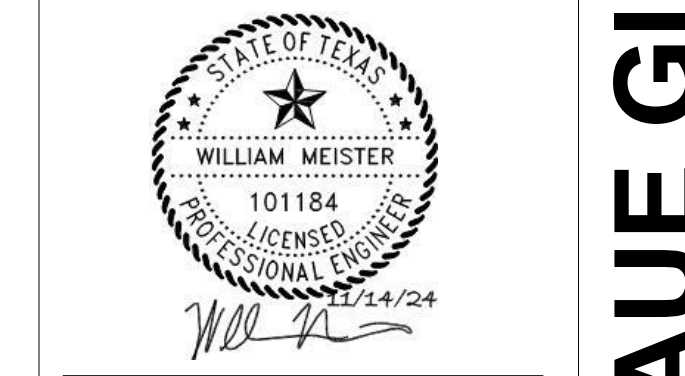
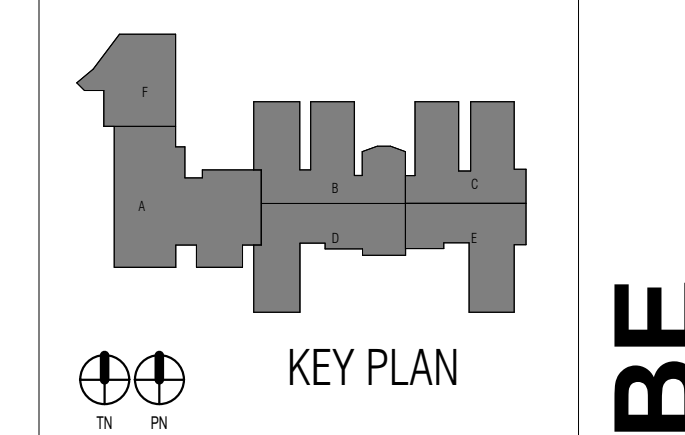
Panelboard LC3												10,000 AIC Rating X Existing New								
120/208 Volt, 3-Phase, 4-Wire 1 -Nema Rating												X MCB MLO 100 AMP MCB 100 AMP BUS (Copper)			X Single Double Feed - Thru			X Mounting Surface Flush		
Notes	Load (VA)	Description	Type	Wire	CB	CKT #	PH	CKT #	CB	Wire	Type	Description	Load (VA)	Notes						
1	750	EXISTING LOAD	R	12	2011	1	A	2	2011	12	R	EXISTING LOAD	900	1						
1	1080	EXISTING LOAD	R	12	2011	3	B	4	2011	12	R	EXISTING LOAD	900	1						
1	540	EXISTING LOAD	R	12	2011	5	C	6	2011	12	R	EXISTING LOAD	900	1						
1	750	EXISTING LOAD	R	12	2011	7	A	8	2011	12	F	EF-7	506	2						
1	1080	EXISTING LOAD	R	12	2011	9	B	10	2011	12	R	EXISTING LOAD	900	1						
1	540	EXISTING LOAD	R	12	2011	11	C	12	2011	12	R	EXISTING LOAD	900	1						
1	750	EXISTING LOAD	R	12	2011	13	A	14	303	10	WH	EW-1	2700	2						
1	1080	EXISTING LOAD	R	12	2011	15	B	16	303	10	WH	EW-1	2700	2						
1	540	EXISTING LOAD	R	12	2011	17	C	18	303	10	WH	EW-1	2700	2						
1	750	EXISTING LOAD	R	12	2011	19	A	20	2011	12	R	EXISTING LOAD	900	1						
1	1080	EXISTING LOAD	R	12	2011	21	B	22	2011	12	R	EXISTING LOAD	900	1						
1	540	EXISTING LOAD	R	12	2011	23	C	24	2011	12	R	EXISTING LOAD	900	1						
1	750	EXISTING LOAD	R	12	2011	25	A	26	2011	12	R	EXISTING LOAD	900	1						
1	1080	EXISTING LOAD	R	12	2011	27	B	28	2011	12	R	EXISTING LOAD	900	1						
1	540	EXISTING LOAD	R	12	2011	29	C	30	2011	12	R	EXISTING LOAD	900	1						
1	750	EXISTING LOAD	R	12	2011	31	A	32	2011	12	R	EXISTING LOAD	900	1						
1	1080	EXISTING LOAD	R	12	2011	33	B	34	2011	12	R	EXISTING LOAD	900	1						
1	540	EXISTING LOAD	R	12	2011	35	C	36	2011	12	R	EXISTING LOAD	900	1						
1	750	EXISTING LOAD	R	12	2011	37	A	38	2011	12	R	EXISTING LOAD	900	1						
1	1080	EXISTING LOAD	R	12	2011	39	B	40	2011	12	R	EXISTING LOAD	900	1						
1	540	EXISTING LOAD	R	12	2011	41	C	42	2011	12	R	EXISTING LOAD	900	1						
Subtotal												23,906								
N.E.C.												Subtotal								
220.44	(R) Recept.	27,390																		
220.56	(K) Kitchen	0	100%	0	18,695															
220.60	(C) Cooling	0	0%	0	620.14															
220.60	(H) Heating	0	0%	0	220.50															
220.60	(F) Fans	506	100%	506	220.50															
220.60	(M) Misc.	0	100%	0	0															
Total Connected Load =												35,996 VA = 100.0 AMPS								
Total Load (Diversified)=												27,301 VA = 75.8 AMPS								
Location of Panel:																				

Panelboard LCP												0 AIC Rating X Existing New								
208/120 Volt, 3-Phase, 4-Wire 1 -Nema Rating												X MCB MLO 100 AMP MCB 100 AMP BUS (Copper)			X Single Double Feed - Thru			X Mounting Surface Flush		
Notes	Load (VA)	Description	Type	Wire	CB	CKT #	PH	CKT #	CB	Wire	Type	Description	Load (VA)	Notes						
1	720	EXISTING LOAD	R	12	2011	1	A	2	2011	12	R	EXISTING LOAD	2400	1						
1	900	EXISTING LOAD	R	12	2011	3	B	4	2011	12	R	EXISTING LOAD	2400	1						
1	900	EXISTING LOAD	R	12	2011	5	C	6	2011	12	R	EXISTING LOAD	1500	1						
1	120	EXISTING LOAD	R	12	2011	7	A	8	2011	12	R	EXISTING LOAD	400	1						
1	720	EXISTING LOAD	R	12	2011	11	C	12	2011	12	R	EXISTING LOAD	600	1						
1	200	EXISTING LOAD	R	12	2011	13	A	14	2011	12	R	EXISTING LOAD	180	1						
1	200	EXISTING LOAD	R	12	2011	15	B	16	2011	12	R	EXISTING LOAD	250	1						
1	200	EXISTING LOAD	R	12	2011	17	C	18	2011	12	R	EXISTING LOAD	300	1						
1	900	EXISTING LOAD	R	12	2011	19	A	20	2011	12	F	EF-14 (116 HP)	506	2						
1	1080	EXISTING LOAD	R	12	2011	21	B	22	2011	12	F	EF-13 (114 HP)	66	2						
1	900	EXISTING LOAD	R	12	2011	23	C	24	2011	12	R	EXISTING LOAD	506	1						
1	900	EXISTING LOAD	R	12	2011	25	A	26	301	12	F	EF-11 (1 HP)	1127	4						
1	200	EXISTING LOAD	R	12	2011	27	B	28	402	8	R	EXISTING LOAD	300	1						
1	200	EXISTING LOAD	R	12	2011	29	C	30	402	8	R	EXISTING LOAD	300	1						
	SPARE					31	A	32	2011	12	R	EXISTING LOAD	720	1						
	SPARE					33	B	34	2011	12	F	EF-10 (116 HP)	253	2						
	SPARE					35	C	36	2011	12	R	EXISTING LOAD	500	1						
	SPARE					37	A	38	2011	12	R	EXISTING LOAD	500	1						
1	900	EXISTING LOAD	R	12	2011	39	B	40	2011	12	R	EXISTING LOAD	900	1						
	SPARE					41	C	42	2011	12	R	EXISTING LOAD	900	1						
Subtotal												14,561								
N.E.C.												Subtotal								
220.44	(R) Recept.	22,716																		
220.56	(K) Kitchen	0	100%	0	16,358															
220.60	(C) Cooling	0	0%	0	620.14															
220.60	(H) Heating	0	0%	0	220.50															
220.60	(F) Fans	2,205	100%	2,205	220.50															
220.60	(M) Misc.	0	100%	0	0															
Total Connected Load =												24,921 VA = #DIV/0! AMPS								
Total Load (Diversified)=												18,563 VA = #DIV/0! AMPS								
Location of Panel:																				

Panelboard LB2												10,000 AIC Rating X Existing New								
120/208 Volt, 3-Phase, 4-Wire 2 Section 1 -Nema Rating												X MCB MLO 150 AMP MCB 225 AMP BUS (Copper)			X Single Double Feed - Thru			X Mounting Surface Flush		
Notes	Load (VA)	Description	Type	Wire	CB	CKT #	PH	CKT #	CB	Wire	Type	Description	Load (VA)	Notes						
1	760	EXISTING CIRCUIT	R	12	2011	1	A	2	2011	12	R	EXISTING CIRCUIT	1500	1						
1	1080	EXISTING CIRCUIT	R	12	2011	3	B	4	2011	12	R	EXISTING CIRCUIT	1080	1						
1	540	EXISTING CIRCUIT	R	12	2011	5	C	6	2011	12	R	EXISTING CIRCUIT	1080	1						
1	750	EXISTING CIRCUIT	R	12	2011	7	A	8	2011	12	R	EXISTING CIRCUIT	1440	1						
1	1080	EXISTING CIRCUIT	R	12	2011	9	B	10	2011	12	R	EXISTING CIRCUIT	500	1						
1	540	EXISTING CIRCUIT	R	12	2011	11	C	12	2011	12	R	EXISTING CIRCUIT	900	1						
1	750	EXISTING CIRCUIT	R	12	2011	13	A	14	2011	12	R	EXISTING CIRCUIT	1080	1						
1	1080	EXISTING CIRCUIT	R	12	2011	15	B	16	2011	12	R	EXISTING CIRCUIT	1080	1						
1	650	EXISTING CIRCUIT	R	12	2011	17	C	18	2011	12	R	EXISTING CIRCUIT	1900	1						
1	750	EXISTING CIRCUIT	R	12	2011	19	A	20	2011	12	R	EXISTING CIRCUIT	1440	1						
1	1080	EXISTING CIRCUIT	R	12	2011	21	B	22	2011	12	R	EXISTING CIRCUIT	1620	1						
1	540	EXISTING CIRCUIT	R	12	2011	23	C	24	2011	12	R	EXISTING CIRCUIT	1080	1						
1	750	EXISTING CIRCUIT	R	12	2011	25	A	26	2011	12	R	EXISTING CIRCUIT	1080	1						
1	1080	EXISTING CIRCUIT	R	12	2011	27	B	28	2011	12	R	EXISTING CIRCUIT	1440	1						
1	540	EXISTING CIRCUIT	R	12	2011	29	C	30	2011	12	R	EXISTING CIRCUIT	1440	1						
1	750	EXISTING CIRCUIT	R	12	2011	31	A	32	2011	12	R	EXISTING CIRCUIT	1080	1						
1	1080	EXISTING CIRCUIT	R	12	2011	33	B	34	2011	12	R	EXISTING CIRCUIT	540	1						
1	540	EXISTING CIRCUIT	R	12	2011	35	C	36	2011	12	R	EXISTING CIRCUIT	720	1						
1	750	EXISTING CIRCUIT	R	12	2011	37	A	38	2011	12	R	EXISTING CIRCUIT	900	1						
1	1080	EXISTING CIRCUIT	R	12	2011	39	B	40	2011	12	R	EXISTING CIRCUIT	1080	1						
1	1080	EXISTING CIRCUIT	R	12	2011	41	C	42	2011	12	R	EXISTING CIRCUIT	1080	1						
1	500	EXISTING CIRCUIT	R	12	2011	43	A	44	2011	12	R	EXISTING CIRCUIT	1440	1						
1	360	EXISTING CIRCUIT	R	12	2011	45	B	46	2011	12	F	EF-4 (116 HP)	500	2						
1	900	EXISTING CIRCUIT	R	12	2011	47	C	48	2011	12	M	EXISTING CIRCUIT	325	1						
1	1080	EXISTING CIRCUIT	R	12	2011	49	A	50	2011	12	F	EF-5 (116 HP)	500	2						
1	900	EXISTING CIRCUIT	R	12	2011	51	B	52	3002	10	M	EXISTING CIRCUIT	2400	1						
1	720	EXISTING CIRCUIT	R	12	2011	53	C	54	3002	10	M	EXISTING CIRCUIT	2400	1						
1	720	EXISTING CIRCUIT	R	12	2011	55	A	56	2011	12	M	EXISTING CIRCUIT	1500	1						
1	1440	EXISTING CIRCUIT	R	12	2011	57	B	58	2011	10	M	EXISTING CIRCUIT	900	1						
1	900	SPACE				59	C	60	2011	12	R	EXISTING CIRCUIT	900	1						
1	720	EXISTING CIRCUIT	R	12	2011	61	A	62	3003	10	WH	EXISTING CIRCUIT	0	1						
1	900	EXISTING CIRCUIT	R	12	2011	63	B	64	3003	10	WH	EXISTING CIRCUIT	0	1						
	SPACE					65	C	66	3003	10	WH	EXISTING CIRCUIT	0	1						
2	2700	EW-2	WH	10	301	67	A	68	2011	12	M	EXISTING CIRCUIT	325	1						
2	2700	EW-1	WH	10	301	69	B	70	2011	12	M	EXISTING CIRCUIT	900	1						
2	2700	EW-1	WH	10	301	71	C	72	2011	12	M	EXISTING CIRCUIT	900	1						
	SPACE					73	A	74	2011	12	R	EXISTING CIRCUIT	900	1						
	SPACE					75	B	76	2011	12	R	EXISTING CIRCUIT	750	1						
	SPACE					77	C	78	2011	12	R	EXISTING CIRCUIT	1080	1						
	SPACE					79	A	80	2011	12	R	EXISTING CIRCUIT	540	1						
	SPACE					81	B	82	2011	12	R	EXISTING CIRCUIT	540	1						
	SPACE					83	C	84	2011	12	R	EXISTING CIRCUIT	540	1						
Subtotal												53,220								
N.E.C.												Subtotal								
220.44	(R) Recept.	61,620																		
220.56	(K) Kitchen	0	100%	0	35,810															
220.60	(C) Cooling	0	0%	0	620.14															
220.60	(H) Heating	0	0%	0	220.50															
220.60	(F) Fans	1,000	100%	1,000	220.50															
220.60	(M) Misc.	7,850	100%	7,850	220.50															
Total Connected Load =												78,570 VA = 218.3 AMPS								
Total Load (Diversified)=												52,760 VA = 146.6 AMPS								
Location of Panel:																				

Panelboard LC2												0 AIC Rating X Existing New					
208/120 Volt, 3-Phase, 4-Wire 2 Section 1 -Nema Rating												X MCB MLO 225 AMP MCB 225 AMP BUS (Copper)			X Single Double		





ISSUED: 11/14/2024
REVISIONS
 Revision No. Revision Date

Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

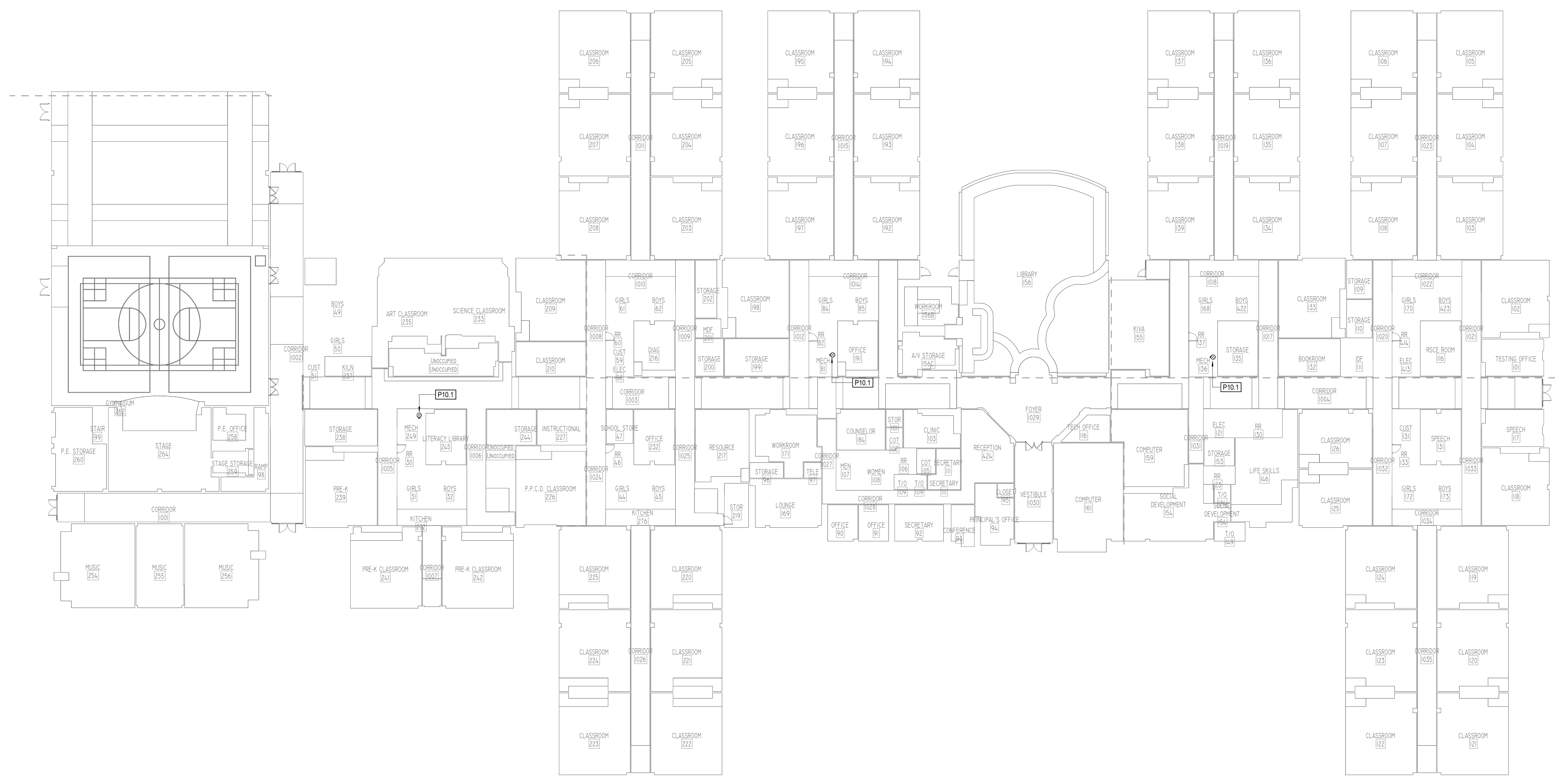
PROJECT NO.
24-045.00
 SHEET TITLE
 GILE - DEMO COMPOSITE
 PLUMBING PLAN
 SHEET NO.

P22.00

- THE SCOPE OF THE FIRE PROTECTION WORK SHALL INCLUDE:**
- ONE FOR ONE REPLACEMENT OF ALL THE EXISTING FIRE SPRINKLER HEADS WITHIN THE BUILDING.
 - PROVIDE NEW SPRINKLER GUARDS WHERE HEADS BEING REPLACED HAVE SUCH GUARDS AND WHERE NEW HEADS WILL BE SUBJECT TO DAMAGE AND REASONABLY REQUIRE SUCH PROTECTION.
 - MAKE PIPING ADJUSTMENTS IF AND AS NECESSARY TO ACCOMMODATE SPRINKLER HEAD REPLACEMENT, CEILING REPLACEMENT, AND TO CORRECT ANY DEFICIENCIES IN SPRINKLER COVERAGE.
 - ALL NEW SPRINKLER HEADS PROVIDED SHALL BE BY JOHNSON CONTROLS INTERNATIONAL PLC TYCO GROUP. TYPICAL HEADS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO: SERIES TY-9, TY-FR-8, EC-8, AND DS-1.
 - ALL SPRINKLERS MUST BE PROVIDED IN ACCORDANCE WITH THEIR LISTING AT WITH TEMPERATURE RATINGS APPROPRIATE FOR THE AMBIENT TEMPERATURE.
 - THE FINAL INSTALLATION SHALL BE COMPLIANT WITH ALL NFPA 13 AND LOCAL AHJ REQUIREMENTS.
 - PROVIDE A HYDROSTATIC TEST OF THE SYSTEM IN ACCORDANCE WITH NFPA 13, CHAPTER 25 AFTER ALL NEW HEADS HAVE BEEN INSTALLED.
 - SHOP DRAWINGS FROM THE ORIGINAL SYSTEM INSTALLATION ARE PROVIDED FOR REFERENCE AND AS AN AID IN BIDDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING CONDITIONS INCLUDING CURRENT SPACE LAYOUT AND SPRINKLER TYPES, LOCATIONS, AND QUANTITIES.
 - IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL ASSIST THE OWNER BY IDENTIFYING ANY SPRINKLER SYSTEM ITEMS BEYOND THE INTENDED SCOPE WHICH ARE DEFICIENT, UNFIT FOR SERVICE, OR IN NEED OF REPAIR. THIS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE FOLLOWING: LEAKING OR DETERIORATED PIPING AND VALVES, IMPROPERLY SUPPORTED OR SAGGING PIPE, AND SYSTEM APPURTENANCES NOT FUNCTIONING AS INTENDED.
 - ENSURE TO PROVIDE A MINIMUM OF SIX (6) SPARE SPRINKLER HEADS OF EACH TYPE AND TEMPERATURE RATING IN AN APPROPRIATELY SIZED SPARE SPRINKLER CABINET.

PLUMBING KEYED NOTES
 P10.1 CONTRACTOR SHALL DISCONNECT ALL EXISTING PIPING CONNECTIONS AT EXISTING ELECTRIC WATER HEATER AND PREPARE FOR NEW ELECTRIC WATER HEATER IN SAME PLACE. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS BACK TO THE MAN.

ALL SPRINKLER HEADS SHALL BE UNINSTALLED AND REPLACED WITH BRAND NEW SPRINKLER HEADS IN THE SAME LOCATION AS EXISTING CONDITIONS BY CONTRACTOR. REFER TO SPRINKLER AS-BUILD DRAWINGS FOR EXACT REPLACEMENT LOCATION.



1 DEMO COMPOSITE PLUMBING PLAN - LEVEL ONE
 P22.00 1" = 20'-0"



ARCHITECT

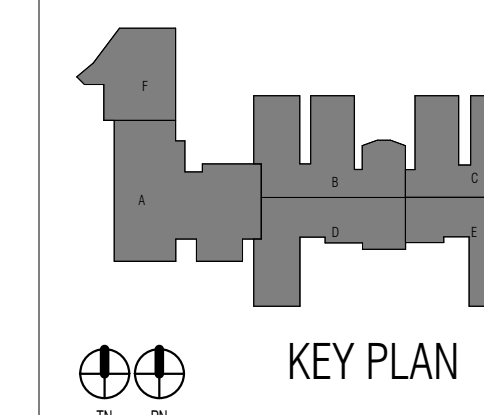
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 20445 State Hwy 249, Suite 350
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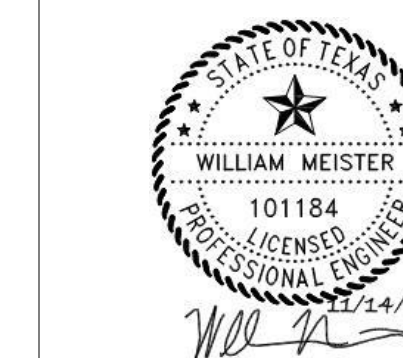
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CCISD PROJECT NO:
2025.401

LEAGUE CITY, TEXAS



KEY PLAN



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

GILE - DEMO COMPOSITE
 PLUMBING PLAN -
 MEZZANINE

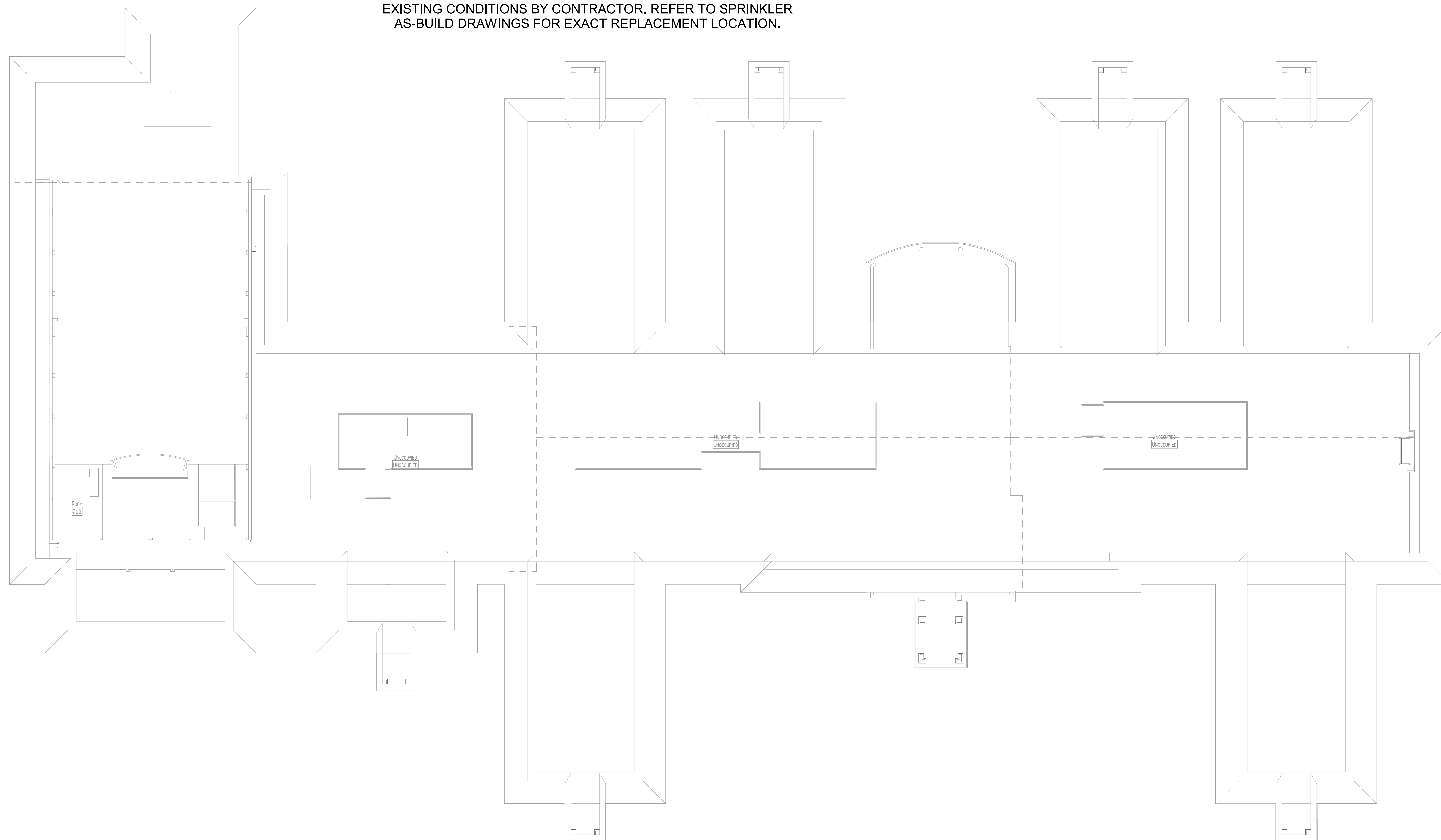
SHEET NO.

P22.01

THE SCOPE OF THE FIRE PROTECTION WORK SHALL INCLUDE:

- ONE FOR ONE REPLACEMENT OF ALL THE EXISTING FIRE SPRINKLER HEADS WITHIN THE BUILDING.
- PROVIDE NEW SPRINKLER GUARDS WHERE HEADS BEING REPLACED HAVE SUCH GUARDS AND WHERE NEW HEADS WILL BE SUBJECT TO DAMAGE AND REASONABLY REQUIRE SUCH PROTECTION.
- MAKE PIPING ADJUSTMENTS IF AND AS NECESSARY TO ACCOMMODATE SPRINKLER HEAD REPLACEMENT, CEILING REPLACEMENT, AND TO CORRECT ANY DEFICIENCIES IN SPRINKLER COVERAGE.
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- ENSURE TO PROVIDE A MINIMUM OF SIX (6) SPARE SPRINKLER HEADS OF EACH TYPE AND TEMPERATURE RATING IN AN APPROPRIATELY SIZED SPARE SPRINKLER CABINET.

ALL SPRINKLER HEADS SHALL BE UNINSTALLED AND REPLACED WITH BRAND NEW SPRINKLER HEADS IN THE SAME LOCATION AS EXISTING CONDITIONS BY CONTRACTOR. REFER TO SPRINKLER AS-BUILT DRAWINGS FOR EXACT REPLACEMENT LOCATION.



1 DEMO COMPOSITE PLUMBING PLAN - LEVEL TWO
 P22.01 1" = 20'-0"



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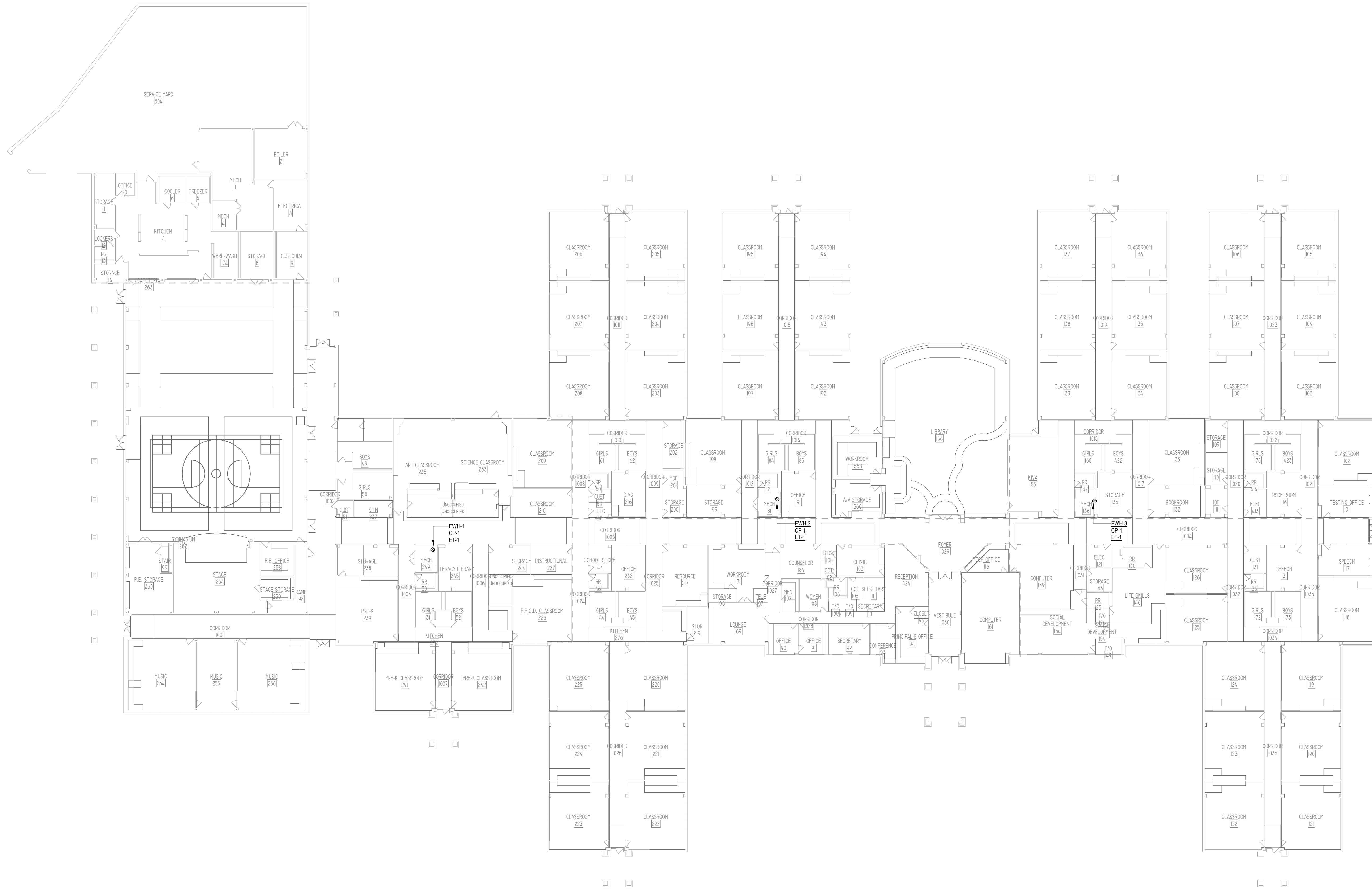
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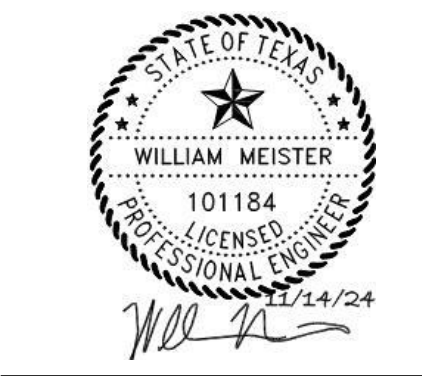
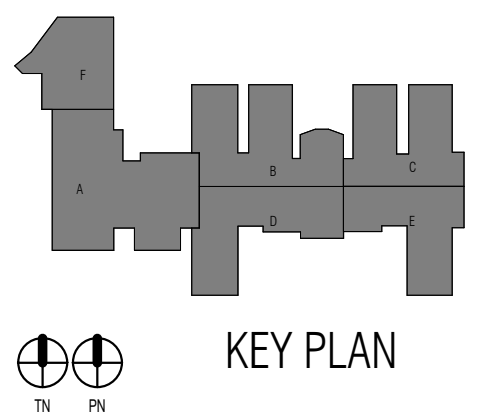
CCISD PROJECT NO:
2025.401

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2025.401

CCISD Priority Repairs - BAUE GILE WEBE



1 COMPOSITE PLUMBING PLAN - LEVEL ONE
P22.10 1" = 20'-0"



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

GILE - COMPOSITE PLUMBING PLAN

SHEET NO.

P22.10





ISSUED: 11/14/2024

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Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.
 24-045.00

SHEET TITLE

GILE - PLUMBING
 SCHEDULES AND DETAILS

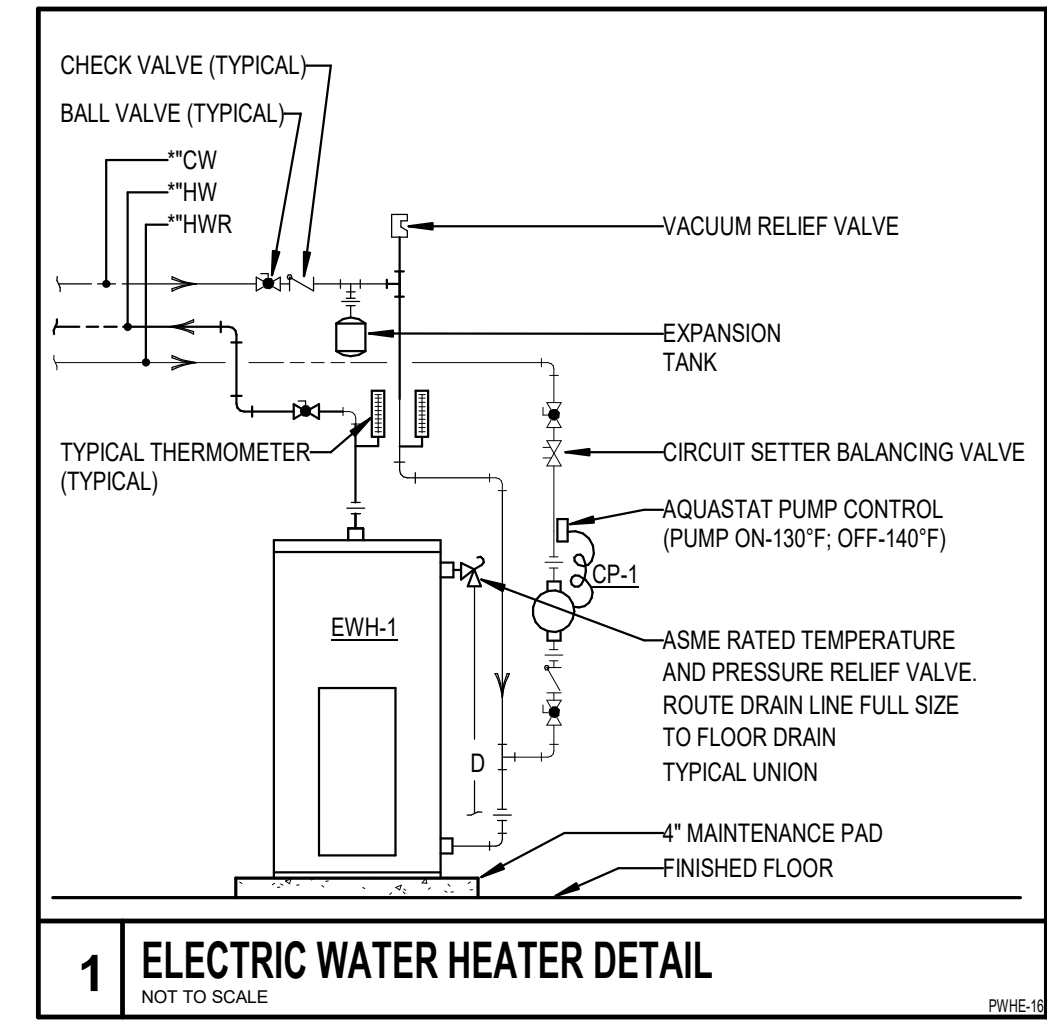
SHEET NO.

P22.50

ELECTRIC WATER HEATER SCHEDULE													
PLAN MARK	MANUFACTURER	MODEL #	TYPE	FUEL	GALLONS	CW INLET	HW OUTLET	GPH RECOVERY @ 80° TEMP RISE	STANDBY LOSS (%/hour)	ELECTRICAL REQUIREMENTS			
										VOLTS (V)	PHASE	KW	AMPS
ELECTRIC WATER HEATER EWH-1	STATE	PCE 40 20LSA	STORAGE TANK	ELECTRIC	40	3/4"	3/4"	31	0.87	208	3	8.0	22.2
ELECTRIC WATER HEATER EWH-2	STATE	PCE 40 20LSA	STORAGE TANK	ELECTRIC	40	3/4"	3/4"	31	0.87	208	3	8.0	22.2
ELECTRIC WATER HEATER EWH-3	STATE	PCE 40 20LSA	STORAGE TANK	ELECTRIC	40	3/4"	3/4"	31	0.87	208	3	8.0	22.2

NOTES:
 1. PROVIDE WITH WALL MOUNTED WATER HEATER PLATFORM.
 2. PROVIDE ASME TEMPERATURE AND PRESSURE RELIEF VALVE AND DIAL THERMOMETER IN HW OUTLET PIPING.
 3. FOR POWER AS SCHEDULED ON ELECTRICAL DRAWINGS, VERIFY WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.

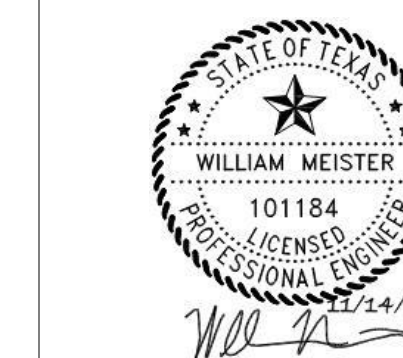
PLAN MARK	MANUFACTURER	MODEL #	DESCRIPTION	ELECTRICAL REQUIREMENTS			
				VOLTS (V)	PHASE	KW	HP
CIRCULATION PUMP CP-1 (EWH-1)	GRUNDFOS	UP26-96SF	ALL STAINLESS STEEL FLANGED PUMP, 1/25 HP WIRED FOR POWER AS SCHEDULED ON ELECTRICAL DRAWINGS AND FITTED WITH REMOTE HEAT SENSING AQUASTAT CONTROLLER. CONTROLLED BY ELECTRICAL CONTRACTOR, DESIGNED AT 15 FT HEAD LOSS.	115	1	85 W	0.04
THERMAL EXPANSION TANK ET-1	AMTROL	THERM-X-TROL MODEL ST-5-C	ASME THERMAL EXPANSION ABSORBERS, SAFETY RELIEF VALVE, MAXIMUM WORKING PRESSURE 150 PSIG, TOTAL VOLUME 2.0 GALLONS.	--	--	--	--



GENERAL PLUMBING NOTES: (RENOVATION FIRE SPRINKLER SYSTEM GENERAL NOTES)

- THE PROJECT IS A RENOVATION AND/OR ADDITION TO AN EXISTING BUILDING. THE SCOPE OF WORK INCLUDES MODIFICATION OF THE EXISTING AND/OR PROVISION OF A NEW AUTOMATIC FIRE SPRINKLER SYSTEM AS INDICATED IN GENERAL ON THE DRAWINGS.
- ALL FIRE SPRINKLER SYSTEM WORK SHALL BE COORDINATED WITH BOTH THE NEW AND EXISTING CONDITIONS AND PROVIDED ACCORDINGLY.
- THE SIZES, ROUTING/RE-ROUTING, REMOVAL AND INSTALLATION OF FIRE SPRINKLER MAINS, RISERS, BRANCH LINES, SPRINKLER HEADS, AND DRAIN LINES SHALL BE PROVIDED AS NECESSARY PER THE OVERALL PROJECT SCOPE OF WORK AND THE ABOVE-CEILING CONDITIONS.
- ANY SPECIFIC AREAS AND/OR CONDITIONS WHICH MAY BE NOTED ON THE DRAWINGS ARE INTENDED ONLY AS AN AID TO THE FIRE PROTECTION CONTRACTOR. ALL INFORMATION MUST BE VERIFIED IN THE FIELD. ALL NECESSARY LOCATIONS FOR SPRINKLER WORK AND ALL PERTINENT CONDITIONS MAY NOT BE NOTED ON THE DRAWINGS.
- NEW AND EXISTING STRUCTURAL MEMBERS, DUCTWORK AND AIR DEVICES, SUSPENDED HVAC EQUIPMENT, HYDRONIC PIPING, CONDUIT, LIGHT FIXTURES, SUSPENDED ELECTRICAL EQUIPMENT, PLUMBING PIPING, SUSPENDED PLUMBING EQUIPMENT, AND LOW VOLTAGE DEVICES AND SUSPENDED EQUIPMENT ABOVE CEILING SHALL BE ACCOUNTED FOR.
- NEW AND EXISTING CEILING HEIGHTS, TYPES, AND ASSEMBLIES SHALL BE ACCOUNTED FOR.
- OTHERWISE FUNCTIONAL AND COMPLIANT EXISTING FIRE SPRINKLER SYSTEM PIPING, SPRINKLER HEADS, HANGERS AND SUPPORTS MAY NEED TO BE REMOVED TO ACCOMMODATE OTHER WORK BEING PROVIDED IN THE AVAILABLE ABOVE-CEILING SPACE. IN SUCH CASES, NEW AND ADDITIONAL SPRINKLER SYSTEM MATERIAL SHALL BE PROVIDED IN ALTERNATIVE LOCATIONS AS NECESSARY. ENSURE THAT PROPER SPRINKLER SPACING, COVERAGE AND PROTECTION IS MAINTAINED/PROVIDED.
- THE FIRE SPRINKLER SYSTEM PIPE SIZING, ROUTING, AND HYDRAULIC CALCULATIONS SHALL TAKE INTO ACCOUNT THE AVAILABLE ABOVE-CEILING SPACE AND SYSTEM WATER SUPPLY.
- THE FIRE SPRINKLER SYSTEM WATER SUPPLY SHALL BE VERIFIED AS NECESSARY AND IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
- FOR ANY SPRINKLERS INTENDED FOR REMOVAL, RELOCATION, AND RE-USE, THIS SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND LATEST NFPA 13 REQUIREMENTS. SPRINKLERS SHALL NOT BE RE-USED IF TORQUE HAS BEEN APPLIED DIRECTLY TO THE WRENCH BOSS OF THE SPRINKLER DURING ITS REMOVAL. IF REMOVAL OF A SPRINKLER REQUIRES APPLYING TORQUE TO THE SPRINKLER ITSELF, THEN IT SHALL BE CONSIDERED DAMAGED AND A NEW, LIKE SPRINKLER SHALL BE PROVIDED.





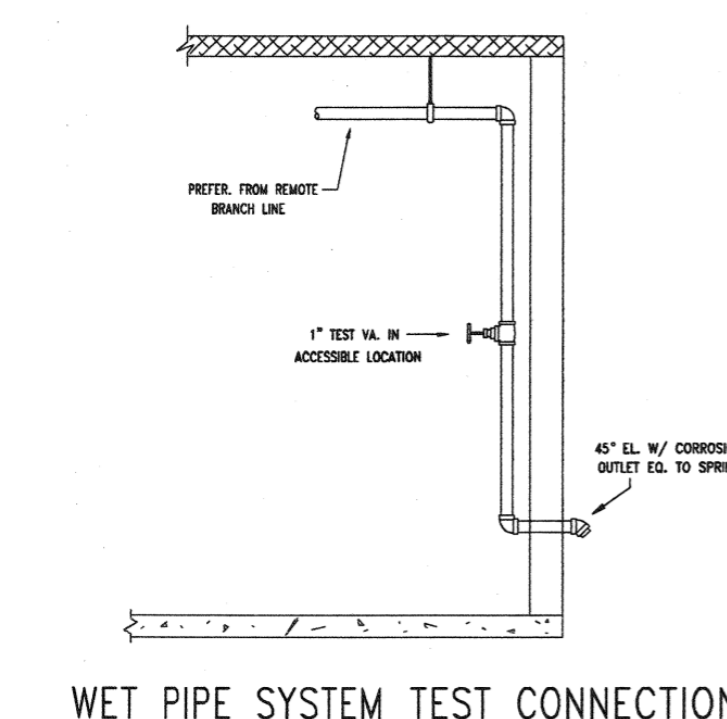
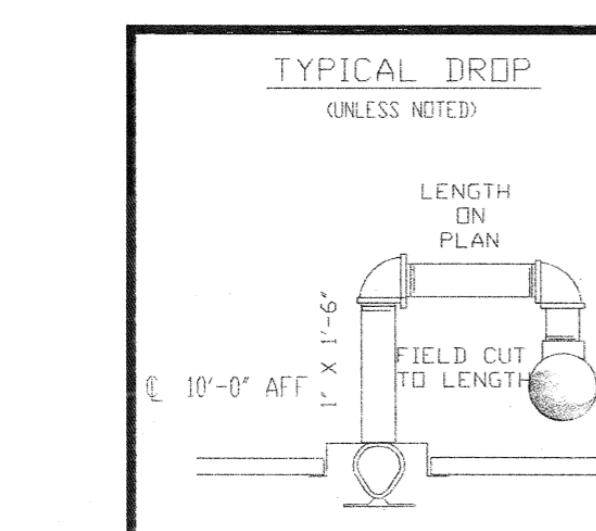
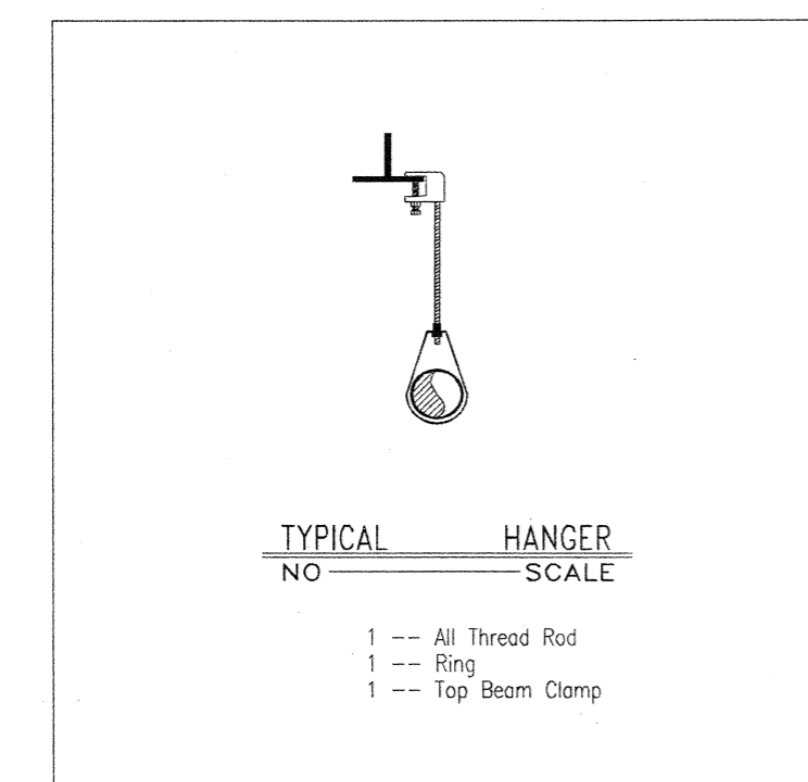
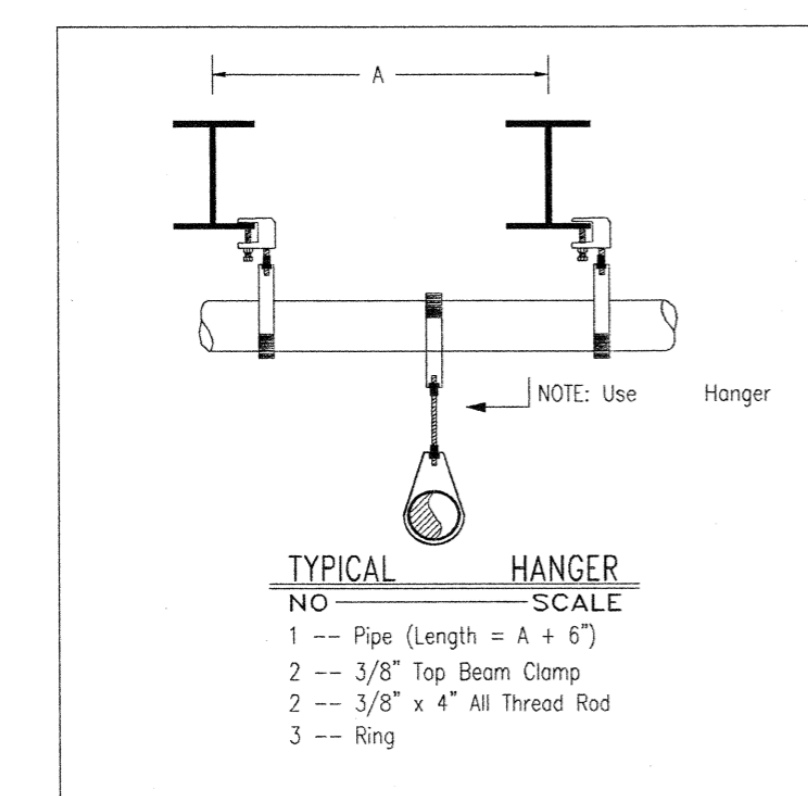
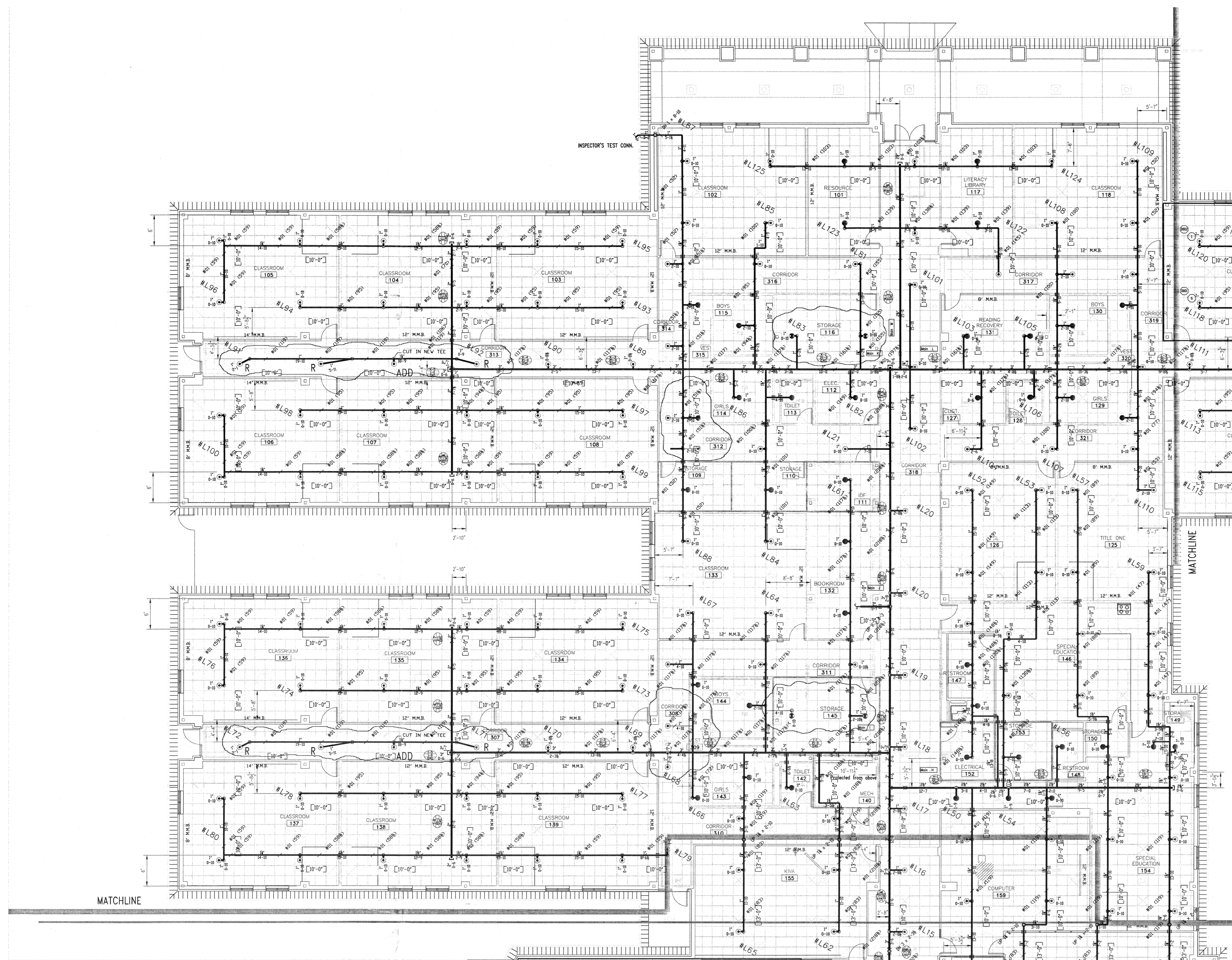
ISSUED: 11/14/2024
 REVISIONS
 Revision No. Revision Date

Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.
 24-045.00
 SHEET TITLE
 GILE - FIRE SPRINKLER AS
 BUILTS

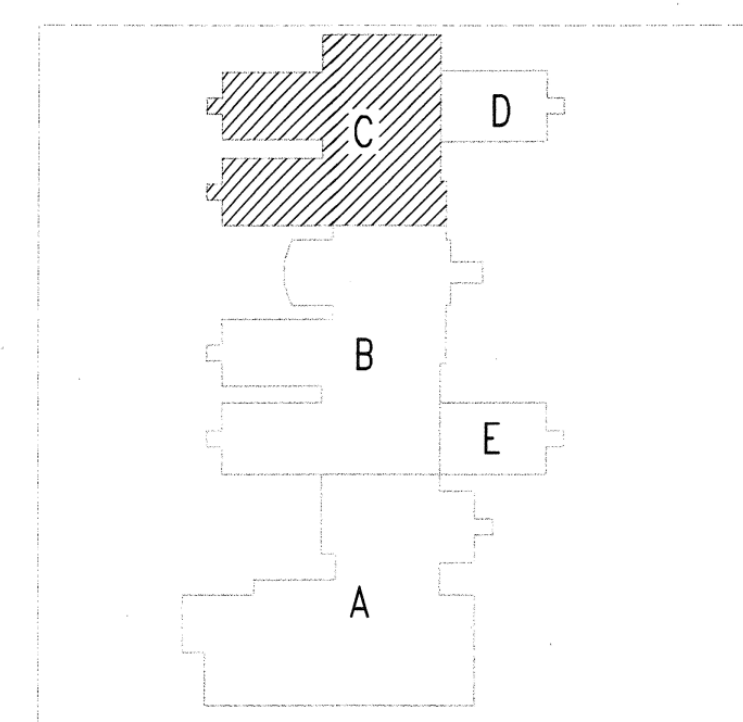
SHEET NO.

P22.60



GENERAL NOTES

1. ALLIED FIRE PROTECTION TO BEGIN WORK AT UNDERGROUND WATER SUPPLY.
2. THE SPRINKLER SYSTEM IS TO BE DESIGNED AND INSTALLED PER NFPA #13, THE CONTRACT DRAWINGS AND SPECIFICATIONS AND 2002 STANDARD FIRE CODE. GEN 1/2-36 K-FACTOR SPRINKLERS ARE UTILIZED, DESIGNED PER THEIR UL LISTING CRITERIA.
3. ALL PIPING TO BE AS FOLLOWS:
 1\"/>
4. UPRIGHT SPRINKLER DEFLECTORS TO BE MAX 1'-0\"/>
5. HANGERS TO BE INSTALLED PER NFPA #13 AND SPECS.
6. ALL PAINTING, PAINTING PREPARATIONS, PATCHING AND ELECTRICAL CONNECTIONS BY OTHERS.
7. ALL SPRINKLERS TO BE CENTERED IN THE CEILING TILES.



AS BUILT DRAWINGS
 DATE: 06-14-05
 SIGNATURE: *M. Ripey*

FIRE SPRINKLER PLAN AREA C

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



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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

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Revision No. Revision Date

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Designer Quality Control
Designer
Proj. Arch.
DBR

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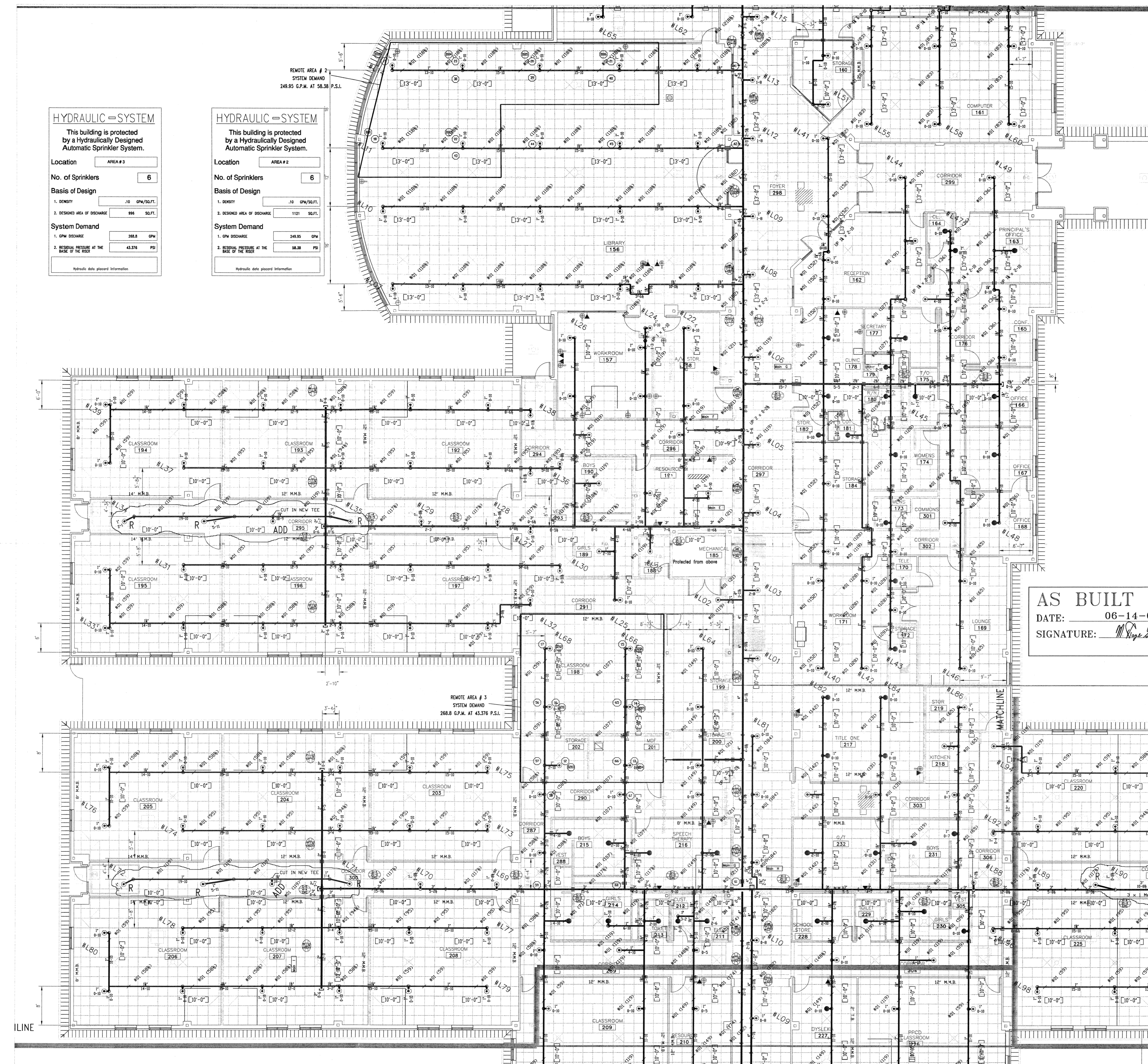
24-045.00

SHEET TITLE

GILE - FIRE SPRINKLER AS BUILTS

SHEET NO.

P22.61



HYDRAULIC SYSTEM
This building is protected by a Hydraulically Designed Automatic Sprinkler System.

Location AREA #3

No. of Sprinklers 6

Basis of Design

1. DENSITY .10 GPM/SQ.FT.
2. DESIGN AREA OF DISCHARGE 996 SQ.FT.

System Demand

1. GPM DISCHARGE 288.8 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER 43.376 PSI

Hydraulic data placed information

HYDRAULIC SYSTEM
This building is protected by a Hydraulically Designed Automatic Sprinkler System.

Location AREA #2

No. of Sprinklers 6

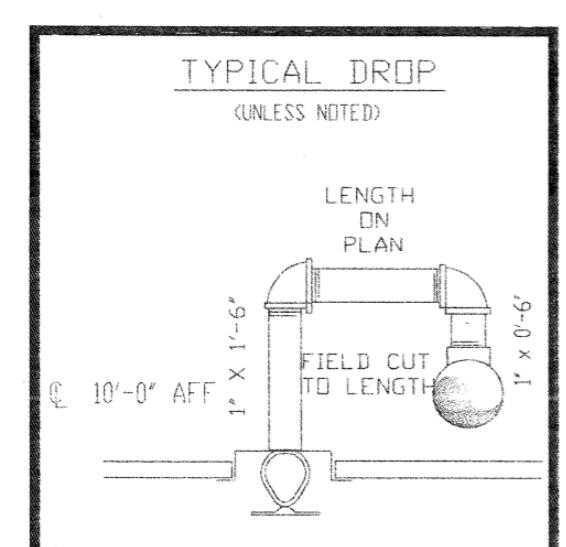
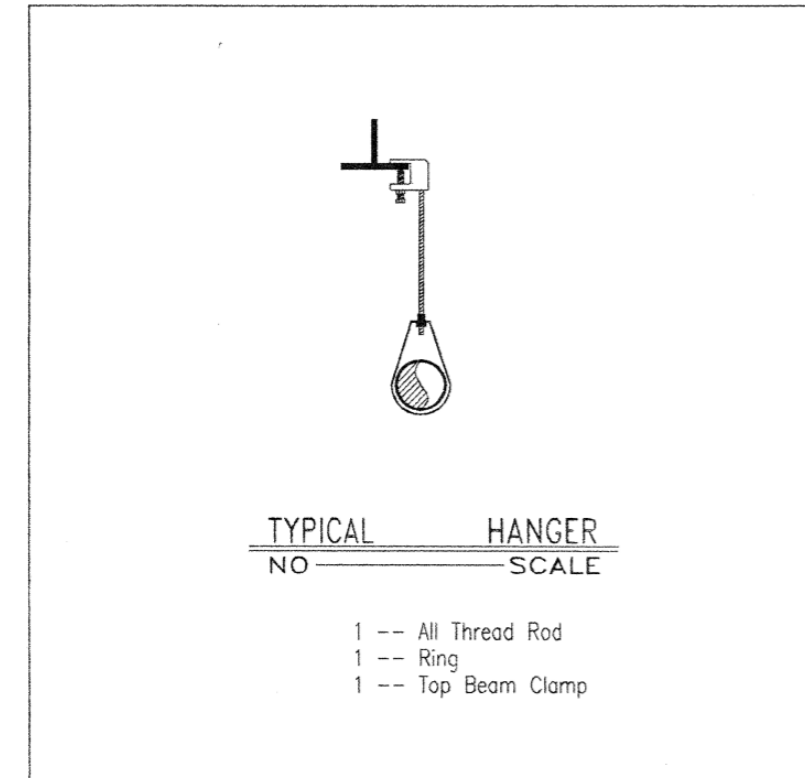
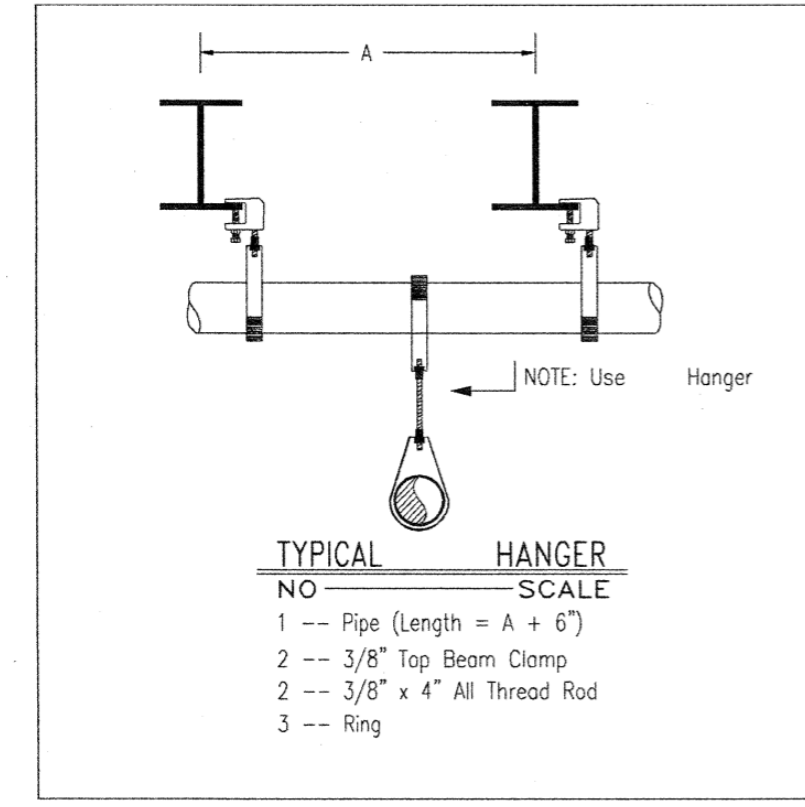
Basis of Design

1. DENSITY .10 GPM/SQ.FT.
2. DESIGN AREA OF DISCHARGE 1121 SQ.FT.

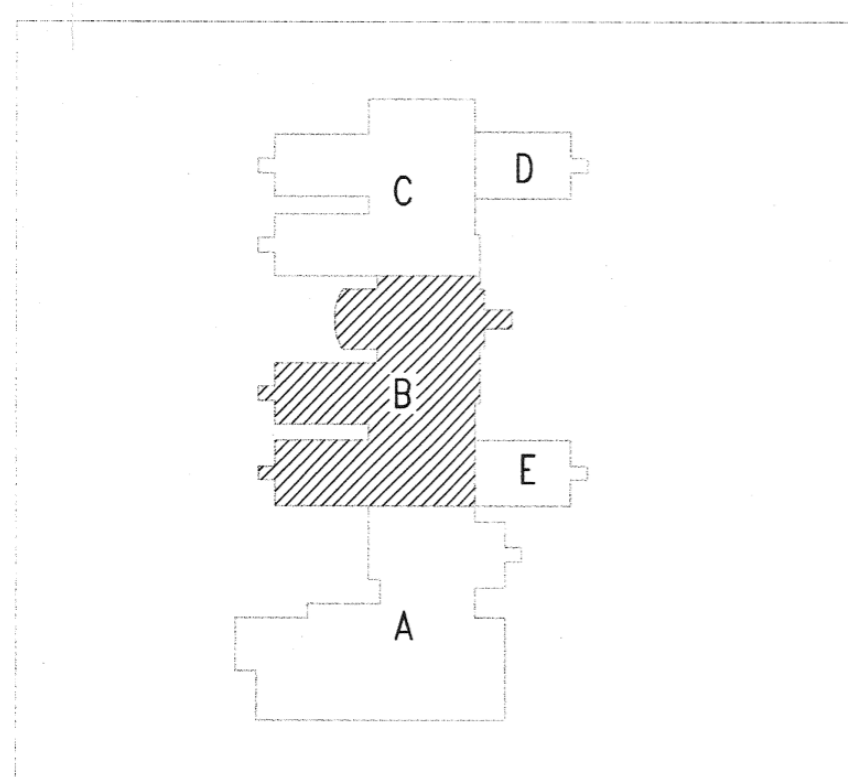
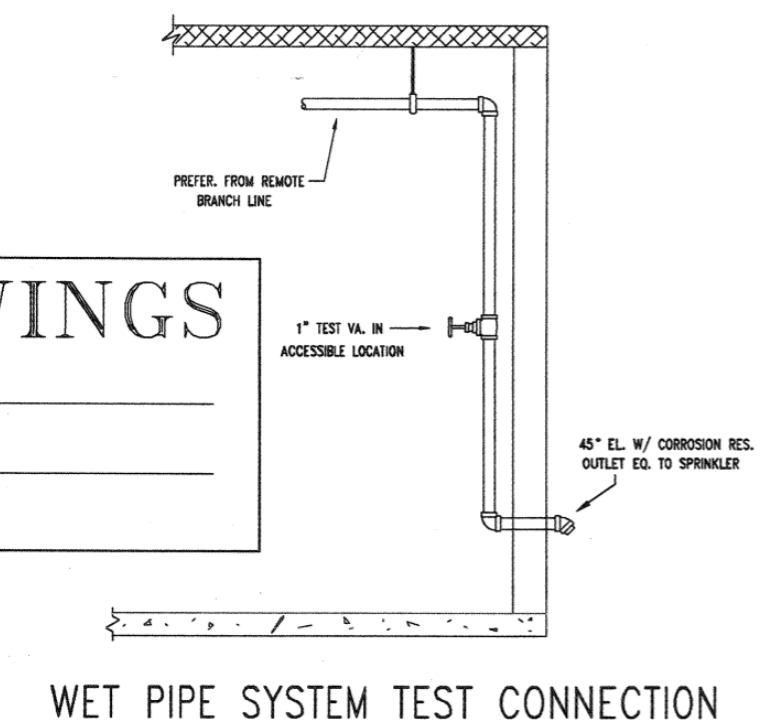
System Demand

1. GPM DISCHARGE 249.93 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER 36.28 PSI

Hydraulic data placed information



AS BUILT DRAWINGS
DATE: 06-14-05
SIGNATURE: *M. Gile*



- GENERAL NOTES
1. ALLIED FIRE PROTECTION TO BEGIN WORK AT UNDERGROUND WATER SUPPLY.
 2. THE SPRINKLER SYSTEM IS TO BE DESIGNED AND INSTALLED PER NFPA #13, THE CONTRACT DRAWINGS AND SPECIFICATIONS, AND 2002 STANDARD FIRE CODE. GEM 1/2" x 1/2" FACTOR SPRINKLERS ARE UTILIZED, DESIGNED PER THEIR UL LISTING CRITERIA.
 3. ALL PIPING TO BE AS FOLLOWS:
1" SPRINGS AND ARM OVERS TO BE SCH. 40 BLACK PIPE W/BLACK C.I. SCREWED FITTINGS.
1" & 2" BRANCHLINES TO BE SCH. 40 BLACK PIPE W/ BLACK CAST IRON SCREWED FITTINGS.
2 1/2" - 6" TO BE SCH. 10 NON-DUCTILE IRON PIPE ROLL (DNV) BLACK STEEL PIPE WITH VICTAULIC FIRELOCK FITTINGS AND MDG 005 FIRELOCK COUPLINGS.
 4. UPRIGHT SPRINKLER REFLECTORS TO BE MAX 1'-0" BELOW BOTTOM OF ROOF DECK.
 5. HANGERS TO BE INSTALLED PER NFPA #13 AND SPEC.
 6. ALL PAINTING, PAINTING PREPARATIONS, PATCHING AND ELECTRICAL CONNECTIONS BY OTHERS.
 7. ALL SPRINKLERS TO BE CENTERED IN THE CEILING TILES.

FIRE SPRINKLER PLAN AREA B
SCALE: 1/8" = 1'-0"



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CCISD PROJECT NO:
2025.401

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
DBR

Drawn By
DBR
Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

GILE - FIRE SPRINKLER AS BUILTS

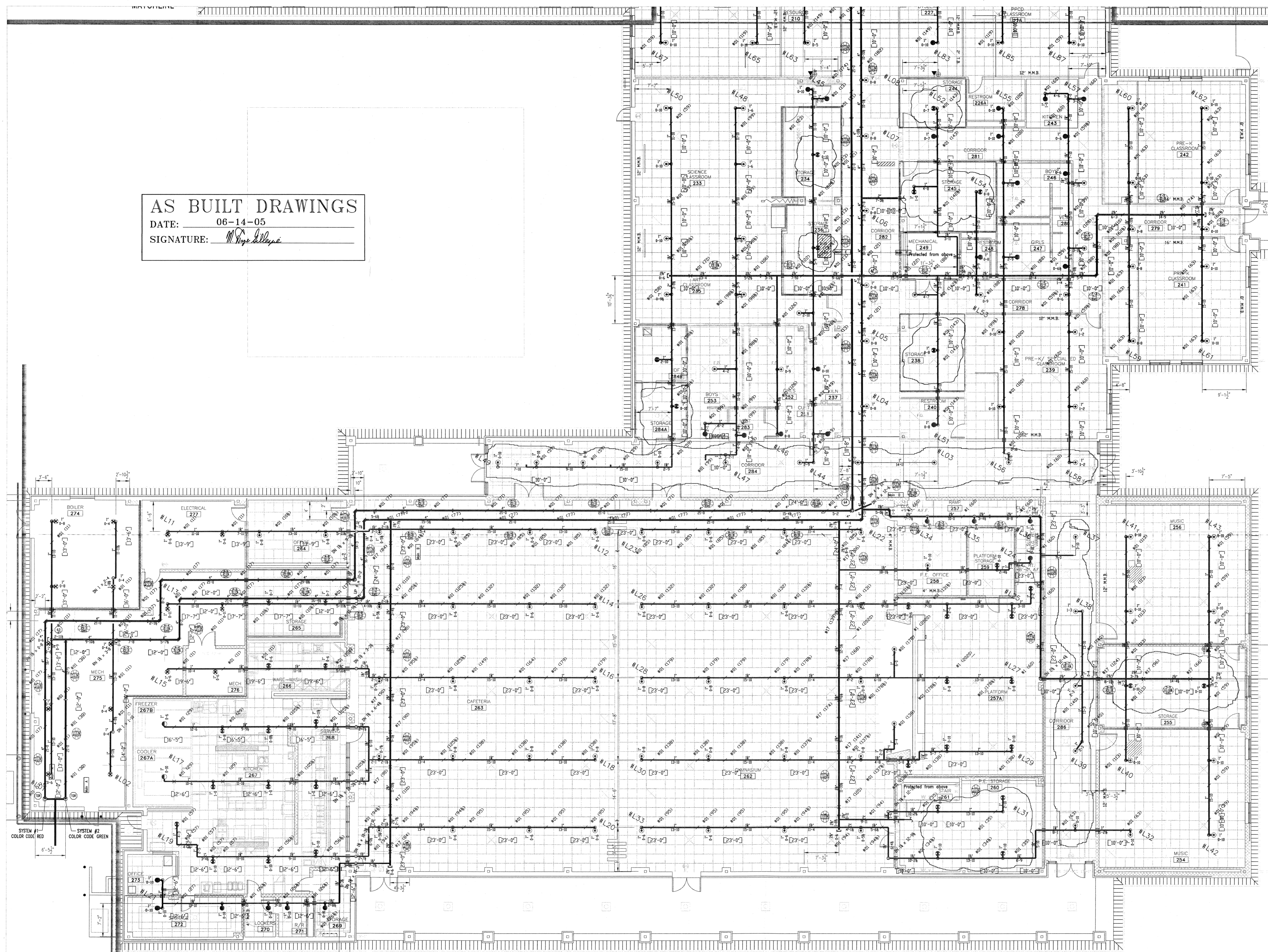
SHEET NO.

P22.62

AS BUILT DRAWINGS

DATE: 06-14-05

SIGNATURE: *W. Meister*



FIRE SPRINKLER PLAN AREA A

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

GENERAL NOTES

1. ALLIED FIRE PROTECTION TO BEGIN WORK AT UNDERGROUND WATER SUPPLY.
2. THE SPRINKLER SYSTEM IS TO BE DESIGNED AND INSTALLED PER NFPA #13, THE CONTRACT DRAWINGS AND SPECIFICATIONS, AND 2002 STANDARD FIRE CODE. GEM 1/2" 150 K-FACTOR SPRINKLERS ARE UTILIZED, DESIGNED PER THEIR UL LISTING CRITERIA.
3. ALL PIPING TO BE AS FOLLOWS:
1" SPRIGS AND ARM OVERS TO BE SCH40 BLACK PIPE W/BLACK C.I. SCREWED FITTINGS.
1" & 2" BRANCHLINES TO BE SCH40 BLACK PIPE W/ BLACK CAST IRON SCREWED FITTINGS.
2 1/2" & 4" TO BE SCH10 NON-DOMESTIC THRUWALL PIPE ROLL (GRV) BLACK STEEL PIPE WITH VICTAULIC FIRELOCK FITTINGS AND MOD. QOS FIRELOCK COUPLINGS.
4. UPRIGHT SPRINKLER REFLECTORS TO BE MAX. 1'-0" BELOW BOTTOM OF ROOF DECK.
5. HANGERS TO BE INSTALLED PER NFPA #13 AND SPECS.
6. ALL PAINTING, PAINTING REPERATIONS, PATCHING AND ELECTRICAL CONNECTIONS BY OTHERS.
7. ALL SPRINKLERS TO BE CENTERED IN THE CEILING TILES.



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DBR Project # 240244
EK ZAPCLBMSJTNJLLG/ISS

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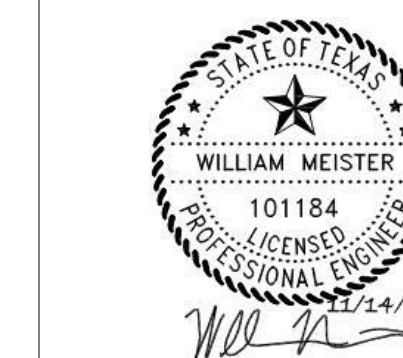
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CCISD PROJECT NO:
2025.401

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
Approver DBR
Designer Quality Control
Designer
Proj. Arch.
DBR

PROJECT NO.

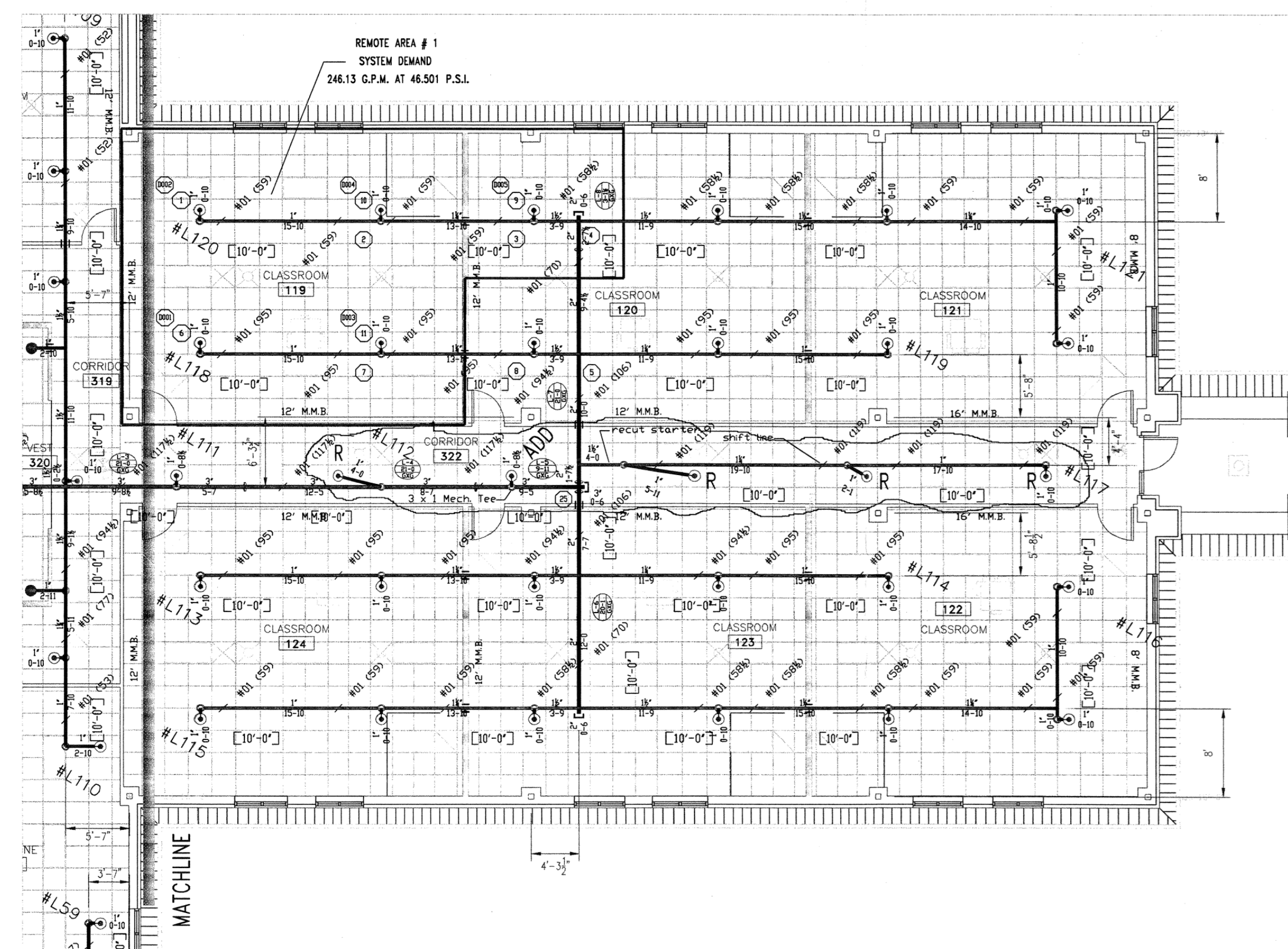
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SHEET TITLE

GILE - FIRE SPRINKLER AS BUILTS

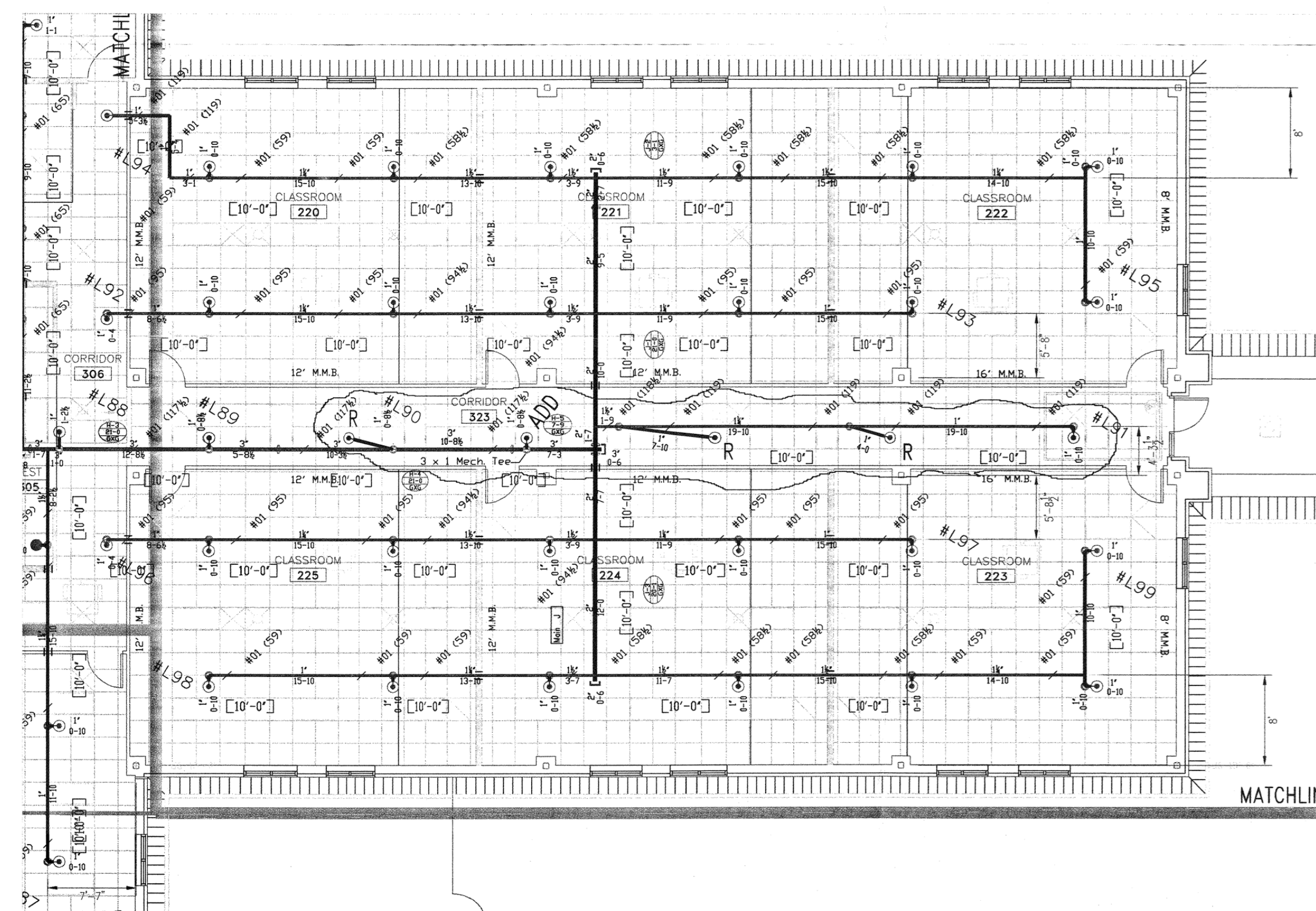
SHEET NO.

P22.63



FIRE SPRINKLER PLAN AREA D

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



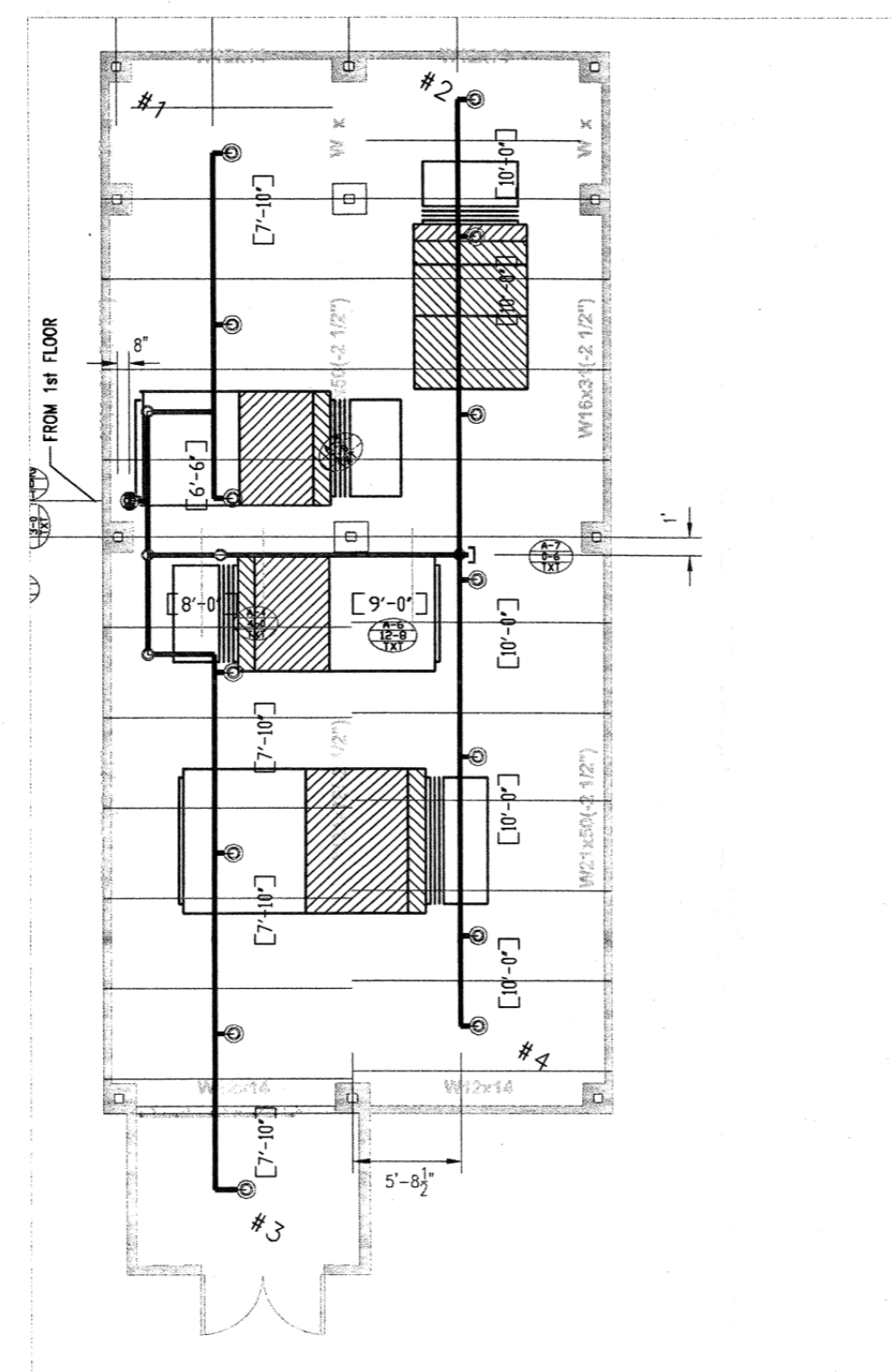
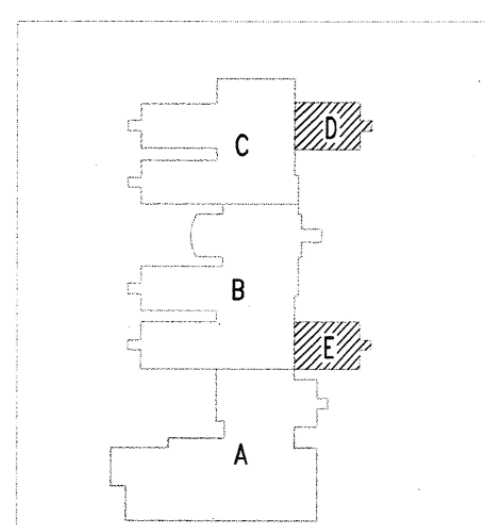
FIRE SPRINKLER PLAN AREA E

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

AS BUILT DRAWINGS

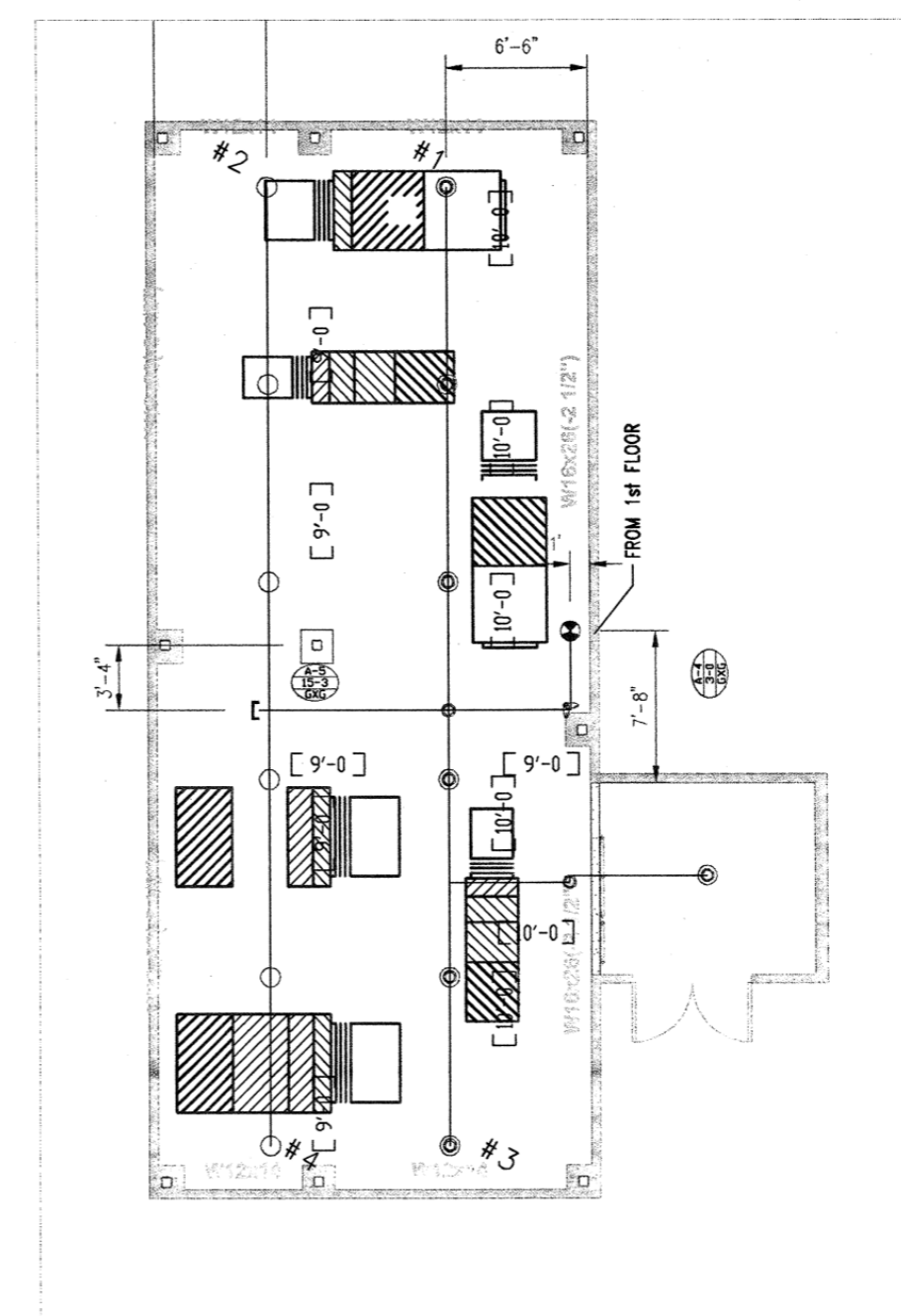
DATE: 08-14-05

SIGNATURE: *W. Baue*



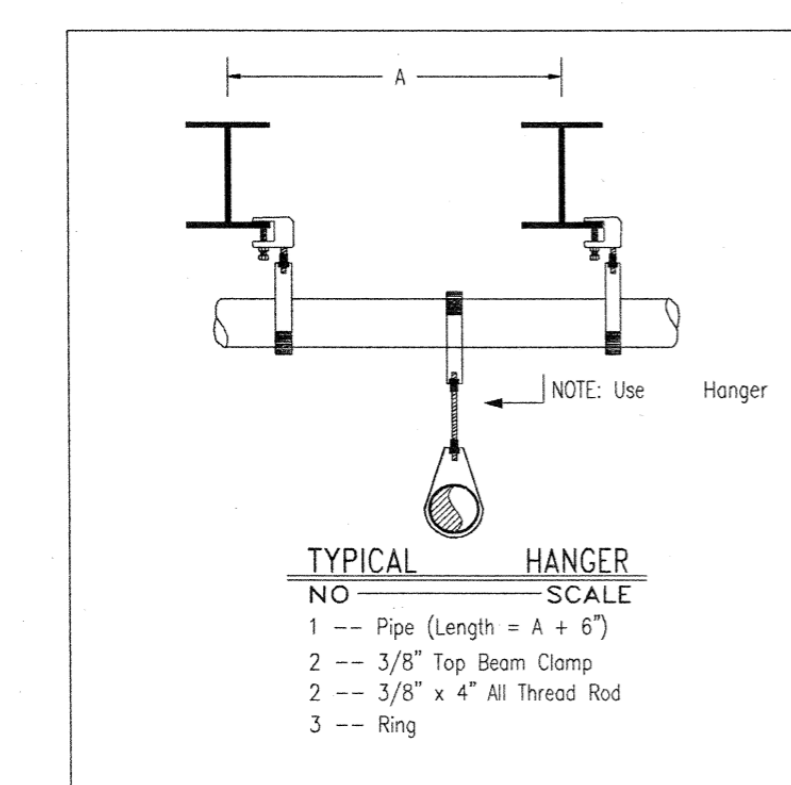
MECHANICAL MEZZ. AREA C

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



MECHANICAL MEZZ. AREA A

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



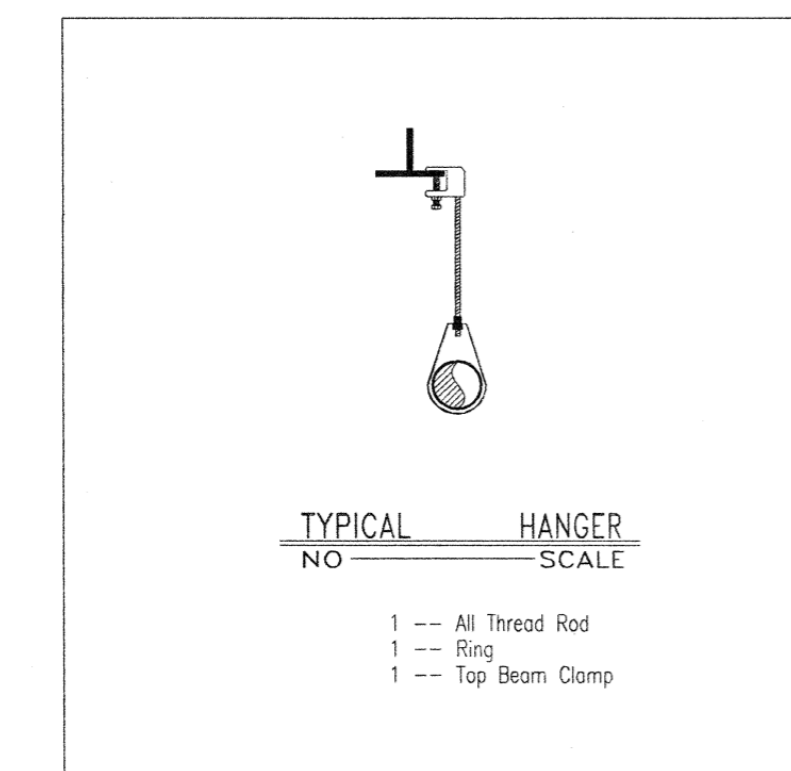
TYPICAL HANGER SCALE

NO

1 - Pipe (Length = A + 6")

2 - 3/8" Top Beam Clamp

3 - Ring



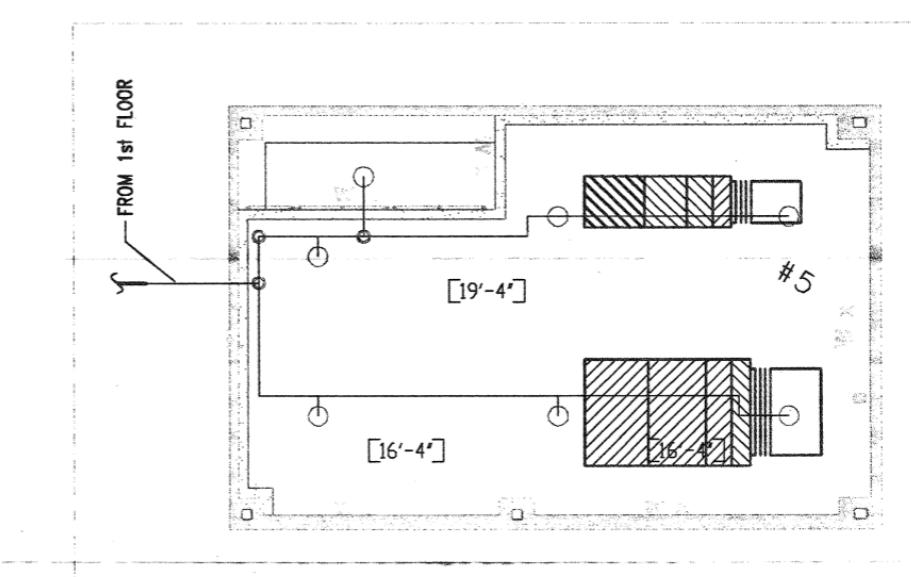
TYPICAL HANGER SCALE

NO

1 - All Thread Rod

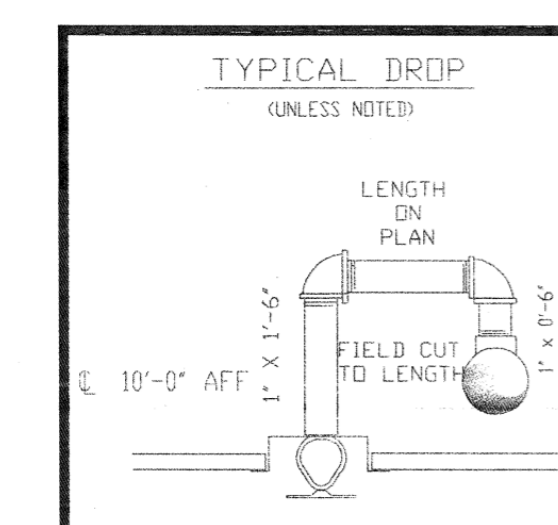
1 - Ring

1 - Top Beam Clamp



MECHANICAL MEZZ. AREA A

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



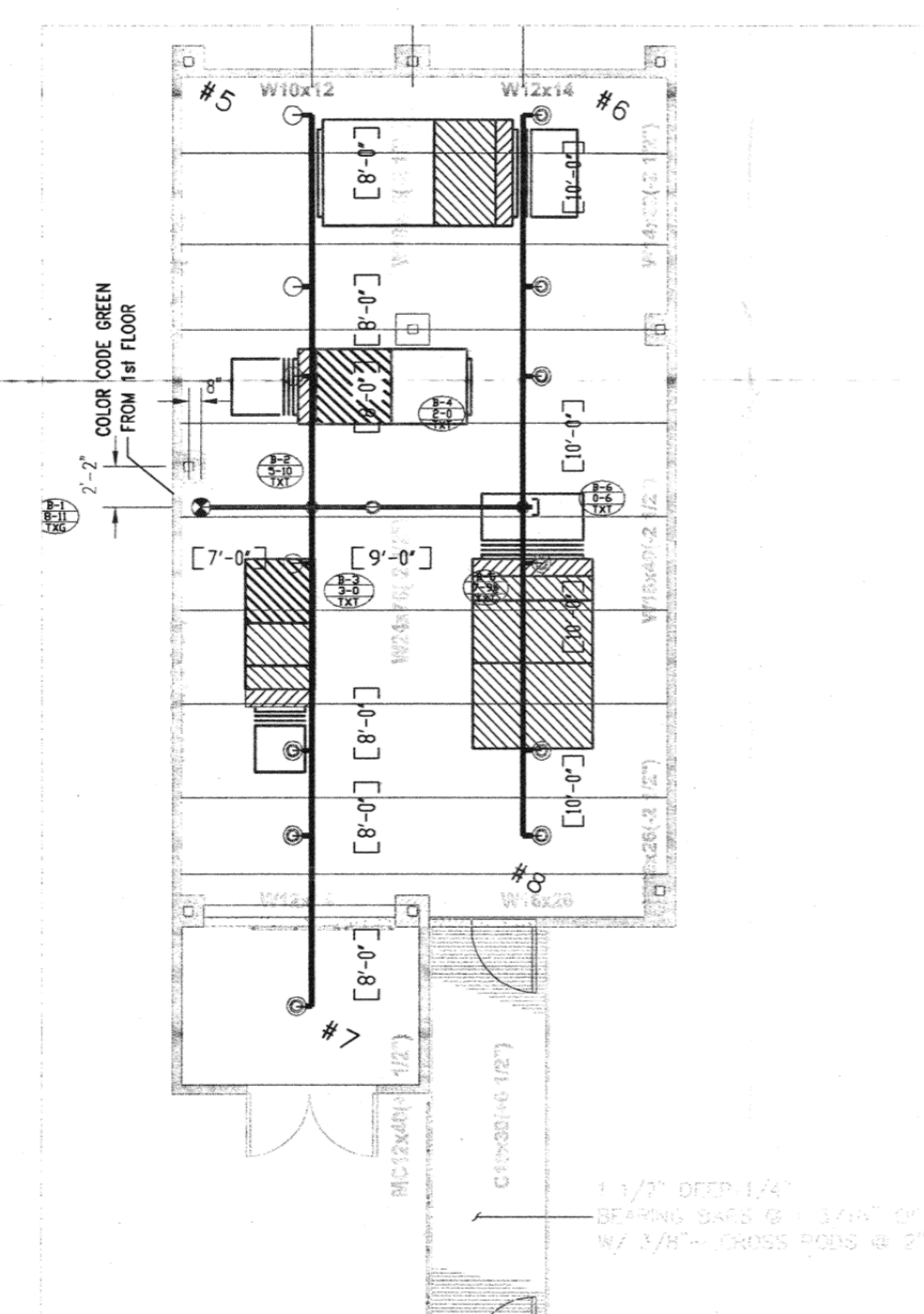
TYPICAL DROP

(UNLESS NOTED)

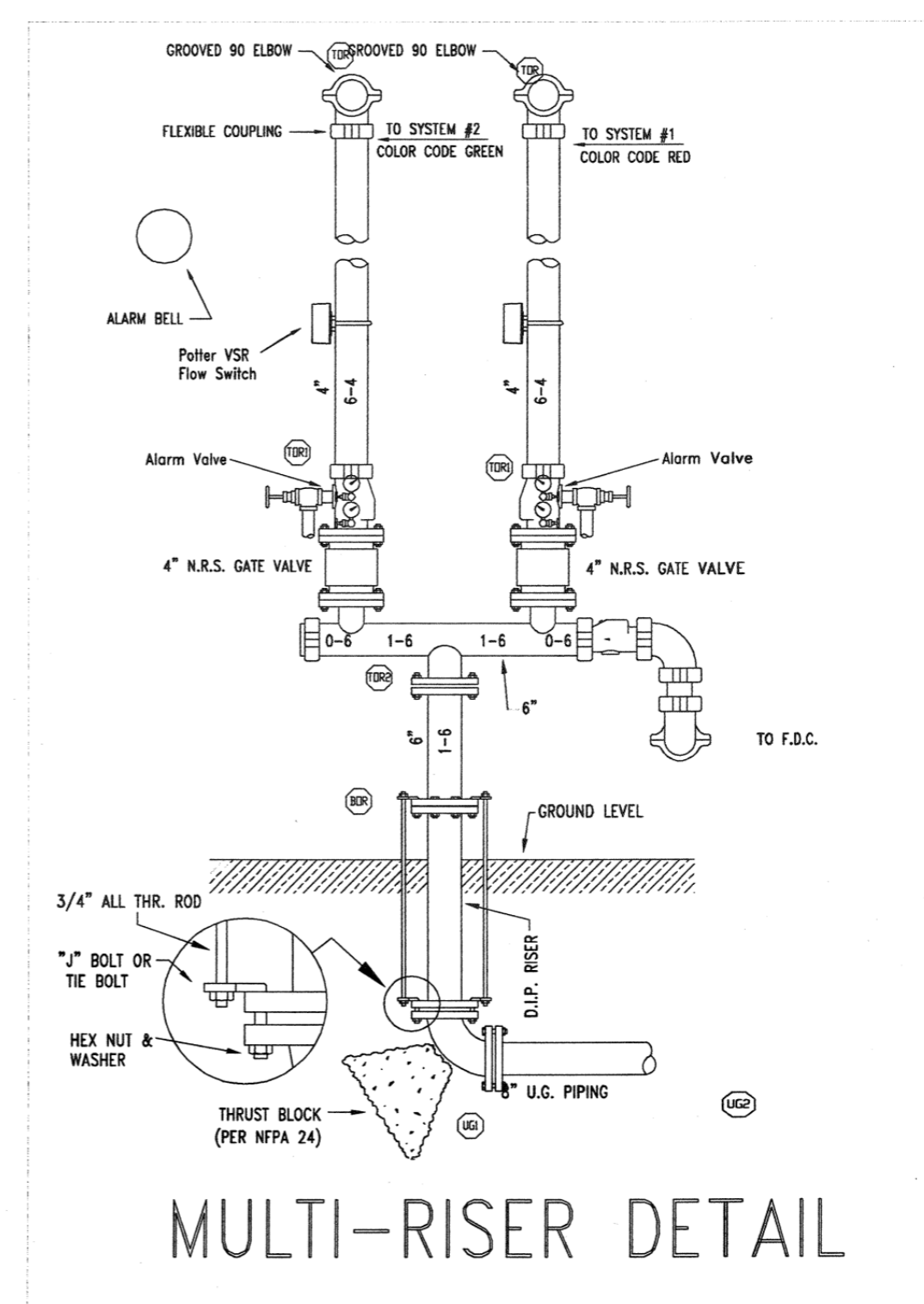
LENGTH ON PLAN

FIELD CUT TO LENGTH

10'-0" AFT



MECHANICAL MEZZ. AREA B



MULTI-RISER DETAIL

HYDRAULIC SYSTEM

This building is protected by a Hydraulically Designed Automatic Sprinkler System.

Location AREA #1

No. of Sprinklers 5

Basis of Design

1. DENSITY .10 GPM/50 FT.

2. DESIGNED AREA OF DISCHARGE 1007 SQ. FT.

System Demand

1. GPM DISCHARGE 246.13 GPM

2. DESIGN PRESSURE AT THE BASE OF THE RISER 48.501 PSI

Hydraulic data placed information

GENERAL NOTES

- ALLIED FIRE PROTECTION TO BEGIN WORK AT UNDERGROUND WATER SUPPLY.
- THE SPRINKLER SYSTEM IS TO BE DESIGNED AND INSTALLED PER NFPA 13, THE CONTRACT DRAWINGS AND SPECIFICATIONS AND 2002 STANDARD FIRE CODE. GEN 1/2" 5.6 K-FACTOR SPRINKLERS ARE UTILIZED, DESIGNED PER THEIR UL LISTING CRITERIA.
- ALL PIPING TO BE AS FOLLOWS:
1" SPRING AND HANG OVERS TO BE SCHD. 40 BLACK PIPE W/BLACK C.I. SCREWED FITTINGS.
1" & 2" BRANCHLINES TO BE SCHD. 40 BLACK PIPE W/BLACK CAST IRON SCREWED FITTINGS.
2 1/2" & 4" TO BE SCH. 10 NON-DOMESTIC THINWALL PIPE ROLL GRVD BLK. STL. PIPE WITH VITALLIC FIBREX FITTINGS AND HDG. DIS. FIBREX COUPLINGS.
- UPRIGHT SPRINKLER DEFLECTORS TO BE MAX. 1'-0" BELOW BOTTOM OF ROOF DECK.
- HANGERS TO BE INSTALLED PER NFPA 13 AND SPECS.
- ALL PAINTING, PAINTING PREPARATIONS, PATCHING AND ELECTRICAL CONNECTIONS BY OTHERS.
- ALL SPRINKLERS TO BE CENTERED IN THE CEILING TILES.



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DBR Project # 240244
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CLEAR CREEK ISD
 LEAGUE CITY, TEXAS

CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

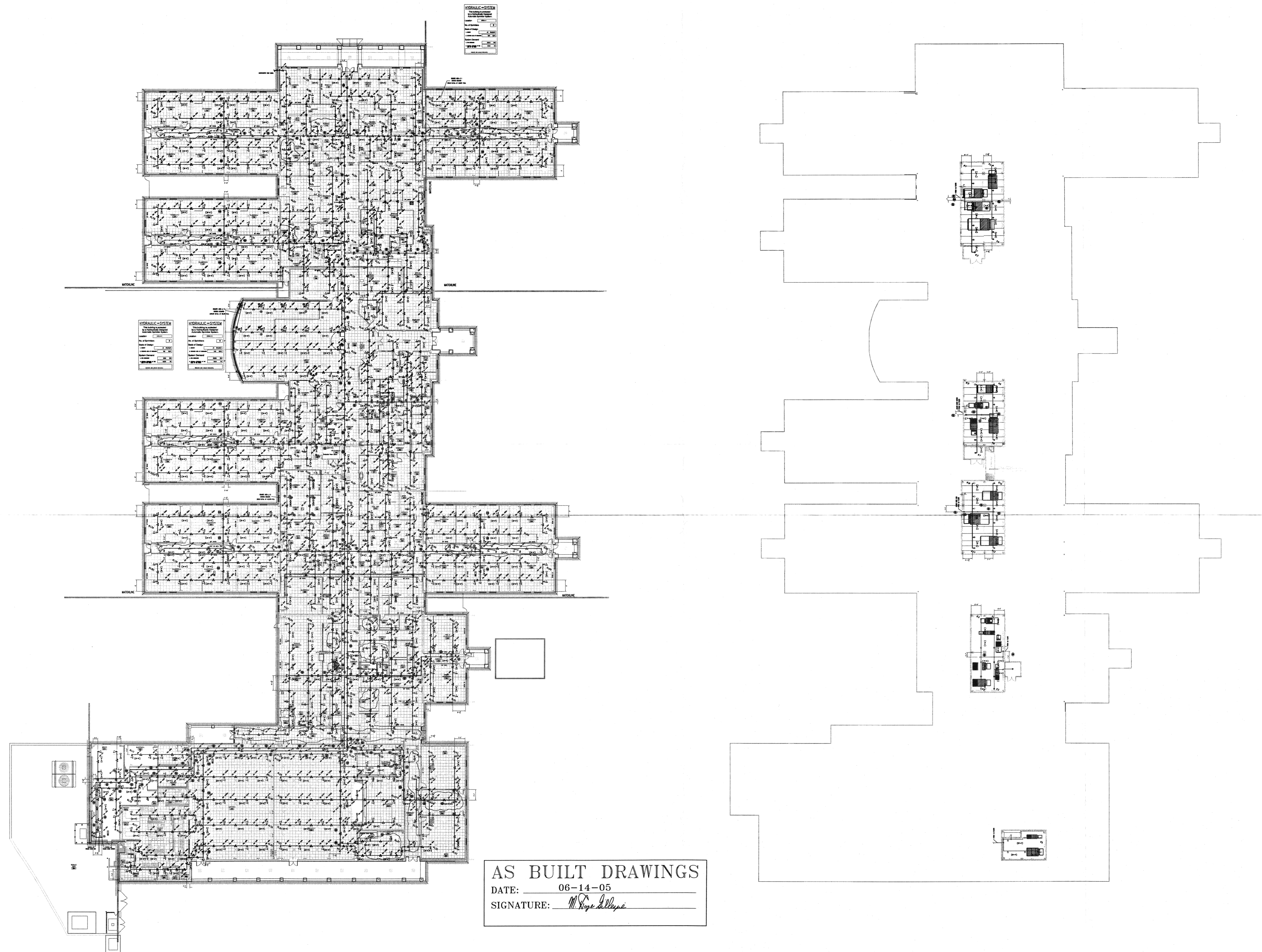
24-045.00

SHEET TITLE

GILE - FIRE SPRINKLER AS BUILTS

SHEET NO.

P22.64



SYMBOLS

[Symbol]	
[Symbol]	
[Symbol]	

SYMBOLS

[Symbol]	
[Symbol]	
[Symbol]	

AS BUILT DRAWINGS
 DATE: 06-14-05
 SIGNATURE: *M. Baue*

FIRE SPRINKLER PLAN AREA E
 SCALE: 1/8" = 1'-0"



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.
24-045.00

SHEET TITLE
GILE - TECHNOLOGY SYMBOL LEGEND

SHEET NO.

RESPONSIBILITY MATRIX			
SCOPE OF WORK	RESPONSIBILITY		
TECHNOLOGY SCOPE	DFCI	DFCI	CFCI
STRUCTURED CABLING			X
CABLE TRAY IN MDF/IDF (EXISTING)			
CABLE TRAY OUTSIDE MDF/IDF (EXISTING)			
TELECOM GROUNDING SYSTEM (EXISTING)			
BACK BOXES, CONDUITS/SLEEVES			X
EQUIPMENT RACKS/CABINETS (EXISTING)			
WIRELESS ACCESS POINTS (EXISTING)			
NETWORK SWITCHES			X
UPS AND PDU (EXISTING)			
TELEPHONES (EXISTING)			X
WORKSTATION PC	X		
SCHOOL COMMUNICATION SPEAKERS (PA)			X
CABLING TO PA SPEAKERS			X
PA SYSTEM HEADEND EQUIP.			X
AUDIO-VIDEO SYSTEM	NOT IN SCOPE		
DIV 28 - SECURITY SYSTEMS	NOT IN SCOPE		

COMMUNICATIONS	
[HS] [DS]	SCHOOL INTERCOMMUNICATION SYSTEM HANDBET.
DEFAULT ELEVATION (UNLESS INDICATED OTHERWISE) TO CENTER OF ROUGH-IN: 42" AFF	
[VC]	VOLUME CONTROL - WALL MOUNTED
[CB]	INTERCOMMPA SYSTEM CALL-IN OR CALL-BACK DEVICE
DEFAULT ELEVATION (UNLESS INDICATED OTHERWISE) TO CENTER OF ROUGH-IN: 120" AFF OR 12" BELOW CEILING, WHICHEVER IS LOWER	
[S]	INTERCOMMPA SPEAKER. "L" LOCAL SOUND REINFORCEMENT
CEILING MOUNTED DEVICES:	
[SVC]	INTERCOMMPA SPEAKER "VC" INDICATES VOLUME CONTROL ON SPEAKER.

TECHNOLOGY GENERAL NOTES	
1.	CONTRACTOR SHALL COORDINATE WITH DBR ENGINEERING PRIOR TO THE INSTALLATION OF RACKS AND RACK EQUIPMENT. NO RACKS SHALL BE PERMANENTLY INSTALLED WITHOUT WRITTEN APPROVAL OF THE PROPOSED LOCATIONS.
2.	THE SELECTED INSTALLING CONTRACTOR MUST BE A CERTIFIED INTEGRATOR/INSTALLER AUTHORIZED BY THE SPECIFIED SYSTEM MANUFACTURER TO INSTALL THE CABLE PLANT AND CONNECTIVITY PRODUCTS. REFER TO SPECIFICATIONS FOR PRODUCT TYPE AND DESCRIPTION.
3.	SYSTEM WIRING AND EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES AS ESTABLISHED BY ANSIEWATA, BICSI, AND THE NEC.
4.	ALL WIRING SHALL MEET ALL STATE AND LOCAL ELECTRICAL CODES.
5.	ALL TELECOMMUNICATIONS SYSTEMS EQUIPMENT AND MOUNTING LOCATIONS SHALL BE IN COMPLIANCE WITH ADA ACCESSIBILITY STANDARDS.
6.	ALL INDUSTRY STANDARD CATEGORY 6 CABLING PRACTICES MUST BE FOLLOWED FOR ALL DATA CABLING.
7.	ALL DATA CABLES ARE TO BE INSTALLED WITH A MINIMUM OF 12 INCHES OF SEPARATION FROM AC POWER CABLES, INTERCOM, FIRE ALARM, SECURITY CABLES IN ANY PARALLEL OPEN WIRE RUN.
8.	ALWAYS CROSS OTHER SYSTEM CABLES AT A 90 DEGREE ANGLE.
9.	ALL CABLES AND TERMINATION COMPONENTS SHALL BE MACHINE LABELED AT BOTH ENDS. LABEL ALL CABLES PER THE DRAWINGS AND/OR SPECIFICATIONS. FINAL CABLE/OUTLET IDENTIFICATION LABELS SHALL BE COORDINATED WITH THE OWNER AND DBR.
10.	CONTRACTOR TO PROVIDE LIGHTNING PROTECTION ON ALL COMMUNICATION CABLE BETWEEN BUILDINGS.
11.	ALL EXPOSED CABLING ROUTED IN PLENUM SHALL BE PLENUM-RATED. ALL NON PLENUM-RATED CABLING INSTALLED IN PLENUM SPACES SHALL BE INSTALLED IN CONDUIT.
12.	NO TERMINATION OR SPLICES SHALL BE INSTALLED IN OR ABOVE CEILINGS UNLESS NOTED OTHERWISE.
13.	CONTRACTOR SHALL MAINTAIN WALL RATING WITH PROPER FIRE BLOCKING.
14.	ALL CABLE INSTALLED SHALL ROUTE TO THE CENTER OF THE ROOM IN WHICH IT SERVES AND THEN TO THE OUTLET LOCATION IT IS INTENDED FOR. EACH CABLE SHALL HAVE A 1" SERVICE LOOP AT THE CENTER OF EACH ROOM AND A 3" SERVICE LOOP ABOVE EACH OUTLET LOCATION.
15.	THE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLING FROM A PANDUIT J-MOOD CABLE SUPPORT SYSTEMS AS DETAILED IN SPECIFICATIONS. NO CABLING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. PANDUIT J-MOOD SUPPORT SYSTEM SHALL BE DIRECTLY CONNECTED TO THE BUILDING'S STEEL JOIST AT LOCATION WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5 ABOVE THE CEILING. THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED MATERIALS TO CONNECT THE THREADED ROD TO THE BUILDING STEEL AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 9" ABOVE THE CEILING AT ANY LOCATIONS.
16.	CONTRACTOR TO PROVIDE AND INSTALL ALL REQUIRED CABLING AND COMPONENTS TO FURNISH TWO (2) ANALOG TELEPHONE CABLES TO THE FIRE ALARM SYSTEM. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
17.	CONTRACTOR TO PROVIDE AND INSTALL (1) CATEGORY 6 CABLE TO THE BUILDING'S ACCESS CONTROL HEAD END PANEL. TERMINATION OF THIS CABLE SHALL BE COORDINATED WITH THE SYSTEM INSTALLER.
18.	CONTRACTOR TO PROVIDE AND INSTALL (1) CATEGORY 6 CABLE TO THE BUILDING'S INTRUSION DETECTION PANEL. TERMINATION OF THIS CABLE SHALL BE COORDINATED WITH THE SYSTEM INSTALLER.
19.	PROVIDE AND INSTALL ONE (1) CATEGORY 6 CABLE TO EACH LIGHTING CONTROL HUB ON THE ENTIRE PROJECT. COORDINATE EXACT QUANTITY AND LOCATIONS WITH THE LIGHTING CONTROL SYSTEM INSTALLER. CONTRACTOR TO ASSUME A MINIMUM OF FIVE (5) PER PROJECT.
20.	CONTRACTOR TO PROVIDE AND INSTALL ONE (1) CATEGORY 6 DATA CIRCUITS TO EACH PROJECTOR AND LCD ON THE ENTIRE PROJECT.
21.	PROVIDE AND INSTALL ONE (1) CATEGORY 6 DATA CIRCUIT TO THE LOCAL AIR UNIT. CONTROLER IN EACH MDF AND IDF.
22.	PROVIDE AND INSTALL ONE (1) CATEGORY 6 DATA CIRCUIT TO EACH ACCESS CONTROL VIDEO DOOR STATION ON THE ENTIRE PROJECT. COORDINATE EXACT LOCATION AND TERMINATION REQUIREMENTS WITH THE DOOR STATION INSTALLER. PRIOR TO INSTALLATION.

SECURITY GENERAL NOTES	
1.	THE SECURITY SYSTEM INSTALLERS SHALL BE RESPONSIBLE FOR CONNECTING ALL APPLICABLE SYSTEM EQUIPMENT TO THE OWNERS NETWORK.
2.	THE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLING FROM AN APPROVED CABLE SUPPORT SYSTEM AS DETAILED IN SPECIFICATIONS. NO CABLING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. THE CABLE SUPPORT SYSTEM SHALL BE DIRECTLY CONNECTED TO THE BUILDING'S STEEL JOIST AT LOCATIONS WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5 ABOVE THE CEILING. THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED MATERIALS TO CONNECT THE THREADED ROD TO THE BUILDING STEEL AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 9" ABOVE THE CEILING AT ANY LOCATIONS.
3.	SECURITY CAMERA SYSTEM INSTALLER SHALL PROVIDE A CEILING MOUNTED INSTALLATION KIT RECOMMENDED BY THE MANUFACTURER OF THE CAMERA. EACH CEILING MOUNTED CAMERA KIT SHALL HAVE A SUPPORT WIRE ATTACHED TO THE BUILDING'S STRUCTURE TO PREVENT THE CAMERA FROM DROPPING TO THE FLOOR AT ANY TIME. AT NO POINT SHALL THE WEIGHT OF THE CEILING MOUNTED SECURITY CAMERA BE SUPPORTED BY THE CEILING GRID SYSTEM OR CEILING TILES. ALL CEILING MOUNTED CAMERAS SHALL BE FLUSH MOUNTED.
4.	ALL EXTERIOR AND WALL MOUNTED CAMERA LOCATIONS AND MOUNTING HEIGHTS MUST BE COORDINATED WITH THE OWNER PRIOR TO ROUGH-IN. COORDINATION MEETINGS SHALL BE SCHEDULED THROUGH THE ARCHITECT'S PROJECT MANAGER.
5.	PROVIDE AND INSTALL MAGNETIC DOOR CONTACT AT ALL ROOF HATCHES ON THE ENTIRE PROJECT. CONTACTS TO BE CONNECTED TO THE BUILDINGS INTRUSION DETECTION SYSTEM.
6.	CONTRACTOR TO PROVIDE AND INSTALL A MONITOR RELAY AND ALL REQUIRED MATERIALS TO CONNECT THE RELAY TO THE FREEZER/COOLER TEMPERATURE GAUGE AND BACK TO THE INTRUSION DETECTION SYSTEM. THE INTRUSION DETECTION SYSTEM SHALL BE PROGRAMMED TO NOTIFY THE OWNERS DESIGNATED PERSONNEL IN THE EVENT OF EXTENSIVE CHANGE IN TEMPERATURE.

NOTES TO CONTRACTOR	
1.	EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS. REFER TO GENERAL ELECTRICAL NOTES FOR WALL-MOUNTED DEVICE MOUNTING HEIGHTS.
2.	REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS.
3.	COMPLETE INSTALLATION OF ALL PRODUCTS SHALL BE IN COMPLIANCE WITH ALL CODES, INDUSTRY STANDARDS, COMMON PRACTICES AND MANUFACTURER'S INSTRUCTIONS.
4.	ALL EXTERIOR AND WALL MOUNTED CAMERA LOCATIONS AND MOUNTING HEIGHTS MUST BE COORDINATED WITH THE OWNER PRIOR TO ROUGH-IN. COORDINATION MEETINGS SHALL BE SCHEDULED THROUGH THE ARCHITECT'S PROJECT MANAGER.

TYPICAL SUBSCRIPTS LEGEND	
TEXT	DESCRIPTION
'WM'	INDICATES THAT THE DESIGNATED DEVICE IS TO BE WALL MOUNTED AT SPECIFIED HEIGHT OR IN COMPLIANCE WITH CODE REQUIREMENTS. ALL WALL MOUNTED HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN.
'WP'	INDICATES THAT THE DESIGNATED DEVICE SHALL BE WEATHER PROOF AND RATED FOR EXTERIOR CONDITIONS INSTALLATION.
'AC'	INDICATES THAT THE DESIGNATED DEVICE IS TO BE INSTALLED ABOVE THE COUNTERTOP. A NUMERIC VALUE SHALL REPLACE THE '#' SYMBOL AND SHALL DESIGNATE THE SPECIFIC HEIGHT ABOVE COUNTER. ALL HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN.
'AFF'	INDICATES THAT THE DESIGNATED DEVICE IS TO BE INSTALLED ABOVE THE FINISHED FLOOR. A NUMERIC VALUE SHALL REPLACE THE '#' SYMBOL AND SHALL DESIGNATE THE SPECIFIC HEIGHT ABOVE FINISHED FLOOR. ALL HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN.
'AG'	INDICATES THAT THE DESIGNATED DEVICE IS TO BE INSTALLED ABOVE THE GRADE LEVEL. A NUMERIC VALUE SHALL REPLACE THE '#' SYMBOL AND SHALL DESIGNATE THE SPECIFIC HEIGHT ABOVE GRADE. ALL HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN.
'SM'	INDICATES THAT THE DESIGNATED DEVICE IS TO BE SURFACE MOUNTED. CONTRACTOR TO PROVIDE ALL MATERIALS REQUIRED FOR A COMPLETE, SURFACE MOUNTED SOLUTION. ALL SURFACE MOUNTED PRODUCTS SHALL BE APPROVED BY THE PROJECT'S ARCHITECT PRIOR TO PROCUREMENT AND/OR INSTALLATION.
'UC'	INDICATES THAT THE DESIGNATED DEVICE IS TO BE MOUNTED ON THE UNDERSIDE OF THE ELEVATED CANOPY.
'UF'	INDICATES THAT THE DESIGNATED DEVICE IS TO BE INSTALLED UNDER A RAISED FLOOR SYSTEM.
'CM'	INDICATES THAT THE DESIGNATED DEVICE IS TO BE CORNER MOUNTED AT SPECIFIED HEIGHT. ALL WALL MOUNTED HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN.

GENERAL NOTES	
1.	ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF EACH SYSTEM SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY POWER WHEN AVAILABLE. PROJECTS ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POWER TO MAIN CONTROL PANELS, REMOTE POWER SUPPLIES AND ALL HEAD END EQUIPMENT. SYSTEM INSTALLERS SHALL COORDINATE LOCATIONS AND CONNECTIONS WITH THE PROJECT'S ELECTRICAL CONTRACTOR.
2.	THE PROJECT'S ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL IN CONDUITS, BACK BOXES, JUNCTION BOXES, RACEWAYS, AND SLEEVES REQUIRED TO ESTABLISH CLEAR PATHWAYS FOR ALL SYSTEMS. ALL CONDUITS, SLEEVES, BOXES, AND RACEWAYS SHALL BE PROPERLY SIZED TO MAINTAIN A 40% MAXIMUM FILL RATIO.
3.	ALL EXPOSED SYSTEMS WIRING OR WIRING ROUTING ACROSS NON ACCESSIBLE CEILINGS SHALL BE ROUTED IN CONDUIT. PROVIDED AND INSTALLED BY THE PROJECT'S ELECTRICAL CONTRACTOR. SIZE CONDUIT AS REQUIRED TO ROUTE SYSTEMS WITH 40% CABLE FILL RATIO. MINIMUM CONDUIT SIZE SHALL BE 3/4".
4.	EACH SYSTEM INSTALLER SHALL BE RESPONSIBLE FOR ENSURING ALL EXTERIOR WALL PENETRATIONS ARE PROPERLY SEALED TO PREVENT ANY MOISTURE FROM ENTERING BUILDING.
5.	NO CONDUITS SHALL BE INSTALLED ON THE EXTERIOR OF THE BUILDING. IF EXTERIOR CONDUITS ARE REQUIRED FOR A COMPLETE INSTALLATION, EACH SYSTEM CONTRACTOR SHALL COORDINATE WITH THE PROJECTS CONSULTANT PRIOR TO ANY ROUGH-IN.
6.	EACH SYSTEM INSTALLER SHALL PROVIDE AND INSTALL PROTECTIVE BUSHINGS ON ALL CONDUIT STUB OUTS AND SLUTS TO PREVENT CABLE DAMAGE. BUSHING TO BE INSTALLED PRIOR TO CABLE INSTALLATION. CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE ACCEPTED.
7.	ALL CABLE SHALL BE ROUTED DOWN CORRIDORS, PARALLEL AND PERPENDICULAR TO THE BUILDING WALLS AND STRUCTURE CABLE TO EACH DEVICE SHALL BRANCH OFF OF A MAIN CORRIDOR TRUNK. ROUTING CABLES THROUGH CLASSROOMS, OFFICES, STORAGE ROOMS, RESTROOMS OR ANY TYPE OF ROOM OTHER THAN A CORRIDOR WILL NOT BE ACCEPTED. ENTER ALL ROOMS ABOVE THE ASSOCIATED ROOM DOORWAY.

LOCAL SOUND SYSTEM LEGEND		
GROUP	SYMBOL	DESCRIPTION
DEVICES	[S] #	VENUE SPECIFIC LOCAL SOUND SYSTEM SPEAKER. # TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND SPEAKER NUMBER.
	[ES] #	VENUE SPECIFIC LOCAL SOUND SYSTEM CONTROL PLATE. # TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND CONTROL PLATE NUMBER.
	[MI] #	VENUE SPECIFIC LOCAL SOUND SYSTEM MICROPHONE INPUT. # TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND MIC INPUT NUMBER.
	[H] #	VENUE SPECIFIC LOCAL SOUND SYSTEM HANGING MICROPHONE. # TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND MIC NUMBER.
	[ABM] #	VENUE SPECIFIC LOCAL SOUND SYSTEM 5MM AUXILIARY INPUT AND BLUETOOTH MIXER. # TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND MIXER NUMBER. CONTRACTOR TO PROVIDE AND INSTALL A RECESSED ENCLOSURE WITH FLUSH MOUNTED LOCKABLE DOOR. DEVICE TO BE MOUNTED AT 42" AFF.
	[RACK]	INDICATED THE LOCATION OF THE VENUE SPECIFIC LOCAL SOUND SYSTEM HEAD END RACK, AMPLIFIERS, DSPS, AND ALL OTHER HEAD END EQUIPMENT SHALL BE INSTALLED IN THIS RACK/CABINET.
	[WA]	WIRELESS MICROPHONE ANTENNA. REFERENCE SPECIFICATIONS FOR MORE INFORMATION.
	[ALA]	ASSISTED LISTENING ANTENNA. REFERENCE SPECIFICATIONS FOR MORE INFORMATION.
	NOTES:	
	1.	REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

SUBSCRIPTS LEGEND - EXISTING DEVICES	
TEXT	DESCRIPTION
'E'	INDICATES THAT THE DEVICE IS EXISTING TO REMAIN. CONTRACTOR TO REMOVE DEVICE AND PLACE IN THE SAME LOCATION AS NEEDED.
'D'	INDICATES THAT THE DEVICE IS EXISTING AND IS TO BE REMOVED. CONTRACTOR TO REMOVE THE DEVICE AND RETURN TO OWNER.
'R'	INDICATES THAT THE DEVICE IS EXISTING AND SHALL BE REPLACED. REFERENCE NEW SYSTEM LAYOUT FOR EXACT LOCATIONS.
'RR'	INDICATES THAT THE DEVICE IS EXISTING AND SHALL BE REMOVED AND RELOCATED TO A LOCATION INDICATED ON THE DRAWINGS. REFERENCE NEW SYSTEM LAYOUT FOR EXACT LOCATIONS.

ACCESS CONTROL LEGEND		
GROUP	SYMBOL	DESCRIPTION
DEVICES	[CR]	WALL OR MULLION MOUNTED ACCESS CONTROL, PROXIMITY CARD READER.
	[CR]	ACCESS CONTROL PROXIMITY CARD READER THAT IS INTEGRATED INTO THE DOOR HARDWARE.
	[DR]	DOOR RELEASE BUTTON
	[PIR]	MOTION REQUEST TO EXIT DEVICE
	[ACP]	DESIGNATES THE LOCATION OF THE ACCESS CONTROL SYSTEM, CONTROL PANEL. ELECTRICAL CONTRACTOR TO PROVIDE 120V, POWER TO PANEL. PROVIDE NETWORK CABLE TO PANEL, AND COORDINATE WITH THE OWNERS' TECHNOLOGY DEPARTMENT ON ACQUIRING AN IP ADDRESS.
	[IS]	WALL OR MULLION MOUNTED, 2-WAY AUDIO/VIDEO INTERCOM DOOR STATION.
	[DS]	DOOR MOUNTED, 2-WAY AUDIO/VIDEO INTERCOM DOOR STATION.
	[MS]	2-WAY AUDIO/VIDEO INTERCOM MASTER STATION
	[PB]	ADA AUTO DOOR OPEN BUTTON. SHOWN FOR REFERENCE ONLY. BUTTON AND AUTO DOOR OPERATOR PROVIDED AND INSTALLED BY THE DOOR SYSTEM INSTALLER.
	[DO]	AUTO DOOR OPERATOR. OPERATOR TO BE PROVIDED AND INSTALLED BY THE DOOR SYSTEM INSTALLER.
[LA]	WALL MOUNTED, LOCAL ALARM SOUNDER.	
[DC]	DPDT MAGNETIC DOOR CONTACT/DOOR POSITION SENSOR. FLUSH MOUNTED IN DOOR FRAME, UNLESS NOTED OTHERWISE.	
NOTES:		
1.	REFERENCE ACCESS CONTROL, SCHEDULE, DETAILS, AND DIVISION 28 SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS	

AUDIO/VIDEO LEGEND		
GROUP	SYMBOL	DESCRIPTION
DEVICES	[MMP]	INDICATES THE LOCATION OF A VIDEO PROJECTOR # TO BE REPLACED WITH "C" OR "W". "C" INDICATES THAT THE DEVICE IS A CEILING MOUNTED DEVICE AND "W" INDICATES IT IS TO BE WALL MOUNTED. CONTRACTOR TO PROVIDE AND INSTALL A PROJECTOR, CEILING OR WALL MOUNTING KIT, AND PATCH CABLES AS REQUIRED TO CONNECT AT BOTH ENDS.
	[AV-W]	INDICATES THAT THE DESIGNATED TECHNOLOGY OUTLET IS INTENDED FOR AN AUDIO/VIDEO (AV) INPUT. CONTRACTOR TO PROVIDE AND INSTALL A FLOOR MOUNTED OR WALL MOUNTED BOX AS INDICATED. (2) 1/2" CONDUITS FROM THE BOX TO THE NEAREST, PLENUM ACCESSIBLE CEILING WITHIN THE SAME ROOM. ALL FLOOR AND WALL MOUNTED BOXES SHALL BE A MINIMUM OF 2-GANGS. # - WHEN REPLACED WITH A '1' (AV-1) ONLY, THE OUTLET SHALL BE A STANDALONE, LOCAL INPUT TIED TO A LOCAL VIDEO DISPLAY (FSD, CMP, WMP, AV-2, ETC.). THIS OUTLET WILL NOT BE ASSOCIATED WITH ANY SYSTEM FOR ROUTING TO DISPLAYS LOCATED IN ANY OTHER PORTION OF THE PROJECT. IF NOT REPLACED WITH A '1' SEE THE NOTES AT THE BOTTOM OF THE LEGEND FOR ADDITIONAL INSTRUCTIONS.
	[FSD-W]	INDICATES THE LOCATION OF A FLAT PANEL VIDEO DISPLAY. CONTRACTOR TO PROVIDE AND INSTALL TWO (2) CATEGORY 6 UTP NETWORK CABLE TO ALL LOCATIONS SHOWN ON THE ENTIRE PROJECT. # - WHEN REPLACED WITH A '1' (FSD-1) ONLY, THE OUTLET SHALL BE A STANDALONE AND ONLY HAVE THE CATEGORY 6 CABLE ROUTED TO IT, FROM THE MDF/IDF SERVING THE DEVICES AREA ROOM. # - WHEN REPLACED WITH A '2' (FSD-2) ONLY, THE OUTLET SHALL HAVE THE CATEGORY 6 CABLE ROUTED TO IT, FROM THE MDF/IDF SERVING THE DEVICES AREA, AND THE CABLING FROM THE ASSOCIATED AV-1.
	EACH FSD OUTLET SHALL BE A 2-GANG BOX AND TWO (2) 1/2" CONDUITS STUBBING INTO THE ROOMS ACCESSIBLE CEILING. PROVIDE ONE DOUBLE-GANG FACEPLATE WITH TWO (2) DECORA PORTS. PROVIDE A DECORA STYLE INSERT THAT ACCEPTS THE STYLE OF DATA JACK BEING USED FOR STRUCTURED CABLING. WHEN THERE IS A LOCAL AV INPUT ASSOCIATED WITH THE DISPLAY, PROVIDE A DECORA INSERT THAT CONFORMS WITH THE SYSTEMS SPECIFIED. OTHERWISE PROVIDE A BLANK INSERT IN THE SECOND PORT.	
	[VD]	INDICATES THE LOCATION OF A WALL MOUNTED, INTERACTIVE VIDEO DISPLAY. PROVIDE AND INSTALL AV CABLE FROM THE ASSOCIATED AV-1 AS PER SYSTEM SPECIFICATIONS. RACEWAY SHALL CONSIST OF A 2-GANG BOX AND TWO (2) 1/2" CONDUITS STUBBING INTO THE ROOMS ACCESSIBLE CEILING. PROVIDE ONE DOUBLE-GANG FACEPLATE WITH TWO (2) DECORA PORTS. PROVIDE A DECORA STYLE INSERT THAT ACCEPTS THE STYLE OF DATA JACK BEING USED FOR STRUCTURED CABLING. WHEN THERE IS A LOCAL AV INPUT ASSOCIATED WITH THE DISPLAY, PROVIDE A DECORA INSERT THAT CONFORMS WITH THE SYSTEMS SPECIFIED. OTHERWISE PROVIDE A BLANK INSERT IN THE SECOND PORT.
	[USB-I]	INDICATES THE LOCATION OF A USB INPUT PLATE THAT SHALL TRANSMIT USB SIGNAL TO THE ASSOCIATED USB OUTPUT PLATE. RACEWAY SHALL CONSIST OF ONE (1) 1" CONDUIT AND A SINGLE GANG BACK BOX.
	[USB-R]	INDICATES THE LOCATION OF A USB OUTPUT PLATE THAT SHALL RECEIVE USB SIGNAL FROM THE USB ASSOCIATED INPUT PLATE. RACEWAY SHALL CONSIST OF ONE (1) 1" CONDUIT AND A SINGLE GANG BACK BOX.
	[S] #	INDICATES THE LOCATION OF A SCHOOL COMMUNICATION SYSTEM SPEAKER. # - WHEN REPLACED WITH 'IP' THE SPEAKER SHALL BE AN IP SCHOOL COMMUNICATION SYSTEM SPEAKER. PROVIDE (1) CAT 6 CABLE TO EACH LOCATION.
	[AVC] #	INDICATES THE LOCATION OF AN AUDIO/VIDEO CONTROL PLATE. RACEWAY SHALL CONSIST OF ONE (1) A BACK BOX WITH A 1" CONDUIT ROUTING INTO THE ACCESSIBLE CEILING SPACE WITHIN THE SAME ROOM. AV SYSTEM INSTALLER TO COORDINATE THE CONTROL BACK BOX SIZE REQUIREMENT WITH THE PROJECT'S ELECTRICAL CONTRACTOR.
	NOTES:	
A.	IN THE EVENT THAT "W" IS NOT DEFINED IN THE OUTLET DESCRIPTION, THE DEVICE SHALL BE CONSIDERED A STANDALONE DEVICE, SERVING THE SYSTEM WITHIN THE SAME SPACE OR THE FOLLOWING SHALL APPLY: # - UNLESS SPECIFICALLY NOTED OTHERWISE, THE FOLLOWING SHALL APPLY TO EACH DEVICE SHOWN ON THE ENTIRE PROJECT. # SHALL BE REPLACED WITH ALPHABETICAL CHARACTERS THAT SHALL INDICATE THE SPECIFIC VENUE THAT THE DEVICE IS ASSOCIATED WITH. # SHALL BE REPLACED WITH A NUMERIC VALUE THAT SHALL IDENTIFY THE SPECIFIC DEVICE WITHIN THE SPECIFIC VENUE.	
B.	THE AUDIO/VIDEO SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECTS ELECTRICAL CONTRACTOR.	
C.	REFERENCE SCOPE MATRIX AND PROJECT SPECIFICATIONS FOR INSTRUCTIONS REGARDING THE PROVIDING AND INSTALLATION OF VIDEO DISPLAYS, PROJECTORS, SCREENS, MOUNTS, AND LIFTS.	

TECHNOLOGY LEGEND		
GROUP	SYMBOL	DESCRIPTION
DEVICES	[▽]	INDICATES THE LOCATION OF A NEW TECHNOLOGY OUTLET. CONTRACTOR TO PROVIDE FACEPLATE WITH A MINIMUM OF 4 PORTS AT EACH LOCATION UNLESS OTHERWISE NOTED. ELECTRICAL CONTRACTOR TO PROVIDE A DOUBLE GANG BACK BOX WITH A SINGLE GANG REDUCER RING AND A 1" EMT CONDUIT FROM THE BOX TO THE NEAREST ACCESSIBLE CEILING. SOME EXISTING BUILDINGS MAY REQUIRE SURFACE MOUNTED RACEWAY. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RACEWAY AS SPECIFIED AND DESIGNATE IN THE ELECTRICAL CONTRACT DOCUMENTS. SYSTEM INSTALLER TO PROVIDE AND INSTALL A PLASTIC PROTECTIVE BUSHING, ON EACH CONDUIT STUB-OUT, TO PREVENT CABLE DAMAGE.
	[▽]	INDICATES THE LOCATION OF A FLOOR MOUNTED TECHNOLOGY OUTLET. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL A FLOOR BOX WITH (1) 1" CONDUIT PER EVERY (6) CABLES INSTALLED. ALL CONDUITS SHALL ROUT FROM THE FLOOR BOX DIRECTLY TO THE WALL INDICATED AND STUB-UP INTO THE NEAREST ACCESSIBLE PLENUM CEILING.
	[⊕]	INDICATES THE LOCATION OF A CEILING MOUNTED OUTLET. CONTRACTOR SHALL MOUNT THIS OUTLET AT +12" ABOVE THE CEILING AND COORDINATE ALL FINAL LOCATIONS WITH OTHER TRADES ON THE PROJECT TO VERIFY THAT THE LOCATION OF THE OUTLET MAINTAINS 12" OF CLEARANCE FROM THE FRONT OF THE FACERATE FOR OWNER ACCESS. ELECTRICAL CONTRACTOR SHALL ROUTE (1) 1" CONDUIT FROM THE BUILDING STRUCTURE TO A SINGLE GANG BACK BOX MOUNTED AT 5 OR LESS ABOVE THE FINISHED CEILING. SECURE CONDUIT AND BACK BOX TO INSURE MINIMAL SWAY MOVEMENT.
	[WF]	DESIGNATES THAT THE ASSOCIATED TECHNOLOGY OUTLET IS INTENDED FOR THE USE OF A NETWORK CONNECTION. THE # SHALL BE REPLACED WITH NUMERIC TEXT THAT IDENTIFIES THE TOTAL NUMBER OF CATEGORY 6 NETWORK CABLES THAT ARE TO BE INSTALLED AT THE TECHNOLOGY OUTLET LOCATION. CONTRACTOR TO PROVIDE AND INSTALL CATEGORY 6 NETWORK CABLES, CATEGORY 6 CONNECTORS, STAINLESS STEEL FACEPLATES WITH IDENTIFICATION WINDOWS, LABELS, BLANK INSERTS, AND ANY OTHER MATERIALS REQUIRED TO FURNISH A COMPLETE FUNCTIONAL AND TESTED OUTLET LOCATION. ALL FACEPLATES PROVIDED SHALL CONTAIN A MINIMUM 4 PORTS AND SHALL BE APPROPRIATELY SIZED TO ACCOMMODATE THE NUMBER OF CIRCUITS BEING INSTALLED AT THIS TECHNOLOGY OUTLET LOCATION. MAXIMUM OF SIX(6) DATA CABLES PER OUTLET.
	[W]	DESIGNATES THAT THE ASSOCIATED TECHNOLOGY OUTLET IS INTENDED FOR THE USE OF A WALL MOUNTED TELEPHONE CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL (1) CATEGORY 6 NETWORK CABLE, (1) CATEGORY 6 CONNECTOR, STAINLESS STEEL WALL TELEPHONE FACEPLATE, LABELS, AND ANY OTHER MATERIALS REQUIRED TO FURNISH A COMPLETE FUNCTIONAL AND TESTED CIRCUIT AT EACH LOCATION SHOWN. REFERENCE SPECIFICATIONS FOR PATCH CABLE REQUIREMENTS.
	[WF]	DESIGNATES THAT THE ASSOCIATED TECHNOLOGY OUTLET IS INTENDED FOR THE USE OF A WIRELESS ACCESS POINT CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL (1) CATEGORY 6 NETWORK CABLE, (1) CATEGORY 6 CONNECTOR, STAINLESS STEEL FACEPLATE WITH IDENTIFICATION WINDOWS, LABELS, AND ANY OTHER MATERIALS REQUIRED TO FURNISH A COMPLETE FUNCTIONAL AND TESTED CIRCUIT AT EACH LOCATION SHOWN. REFERENCE SPECIFICATIONS FOR PATCH CABLE REQUIREMENTS.
	[•]	INDICATES THE LOCATION OF AN IP VIDEO SURVEILLANCE CAMERA. CONTRACTOR TO PROVIDE AND INSTALL CATEGORY 6 NETWORK CABLES, CATEGORY 6 CONNECTORS, STAINLESS STEEL FACEPLATES WITH IDENTIFICATION WINDOWS, LABELS, BLANK INSERTS, AND ANY OTHER MATERIALS REQUIRED TO FURNISH A COMPLETE FUNCTIONAL AND TESTED OUTLET LOCATION. ALL FACEPLATES PROVIDED SHALL BE APPROPRIATELY SIZED TO ACCOMMODATE THE NUMBER OF CIRCUITS BEING INSTALLED AT THIS OUTLET LOCATION. REFERENCE SPECIFICATIONS FOR PATCH CABLE REQUIREMENTS.
	[•]	INDICATES THAT THE ASSOCIATED TECHNOLOGY OUTLET IS INTENDED FOR FUTURE USE. CONTRACTOR TO PROVIDE STAINLESS STEEL SINGLE-GANG WALL PLATE AT ALL LOCATIONS.
	NOTES:	
	1.	REFERENCE TECHNOLOGY GENERAL NOTES, PLAN KEYED NOTES, AND ALL OTHER SYSTEM LEGENDS/NOTES. THE STRUCTURED CABLING SYSTEM CONTRACTOR SHALL PROVIDE AND INSTALL CATEGORY 6 CABLE TO ALL SYSTEMS' EQUIPMENT REQUIRING NETWORK CONNECTIVITY.

VIDEO SURVEILLANCE LEGEND		
GROUP	SYMBOL	DESCRIPTION
DEVICES	[•]	INTERIOR VIDEO SURVEILLANCE CAMERA.
	[•]	VANDAL RESISTANT, WEATHER PROOF, EXTERIOR SECURITY CAMERA.
	[VRS]	VIDEO RECORDING SERVER. REFERENCE SPECIFICATIONS FOR INFORMATION CONCERNING ANALOG OR IP BASED TYPE SYSTEM.
	[HM]	INDICATES THE LOCATION OF A VIDEO SURVEILLANCE MAN
	NOTES:	
1.	REFERENCE VIDEO SURVEILLANCE SCHEDULE AND DIVISION 28 SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS	

INTRUSION DETECTION LEGEND		
GROUP	SYMBOL	DESCRIPTION
DEVICES	[IDP]	DESIGNATES THE LOCATION OF THE INTRUSION DETECTION SYSTEM, CONTROL PANEL. ELECTRICAL CONTRACTOR TO PROVIDE 120V POWER TO PANEL.
	[DC]	FLUSH MOUNTED MAGNETIC DOOR CONTACT.
	[SDC]	SURFACE MOUNTED MAGNETIC DOOR CONTACT.
	[DDC]	OVERHEAD DOOR, SURFACE MOUNTED DOOR CONTACT.
	[R]	INTRUSION DETECTION SYSTEM ARMDISARM KEYPAD.
	[M]	STANDARD RANGE WALL MOUNTED MOTION DETECTOR.
	[M]	MEDIUM RANGE WALL MOUNTED MOTION DETECTOR.
	[M]	LONG RANGE WALL MOUNTED MOTION DETECTOR.
	[M]	CEILING MOUNTED, 360° MOTION DETECTOR.
	[R]	RELAY/MONITOR MODULE
	[DB]	DURESS BUTTON
	[WSR]	WIRELESS SECURITY RECEIVER. ELECTRICAL CONTRACTOR TO PROVIDE ONE (1) SINGLE GANG BACK BOX WITH A 1" CONDUIT ROUTING TO THE NEAREST ACCESSIBLE CEILING. MOUNT AT 12" BELOW THE FINISHED CEILING, BUT DO NOT EXCEED 12" AFF.
	[•]	CEILING MOUNTED GLASS BREAK DETECTOR
	NOTES:	
	1.	REFERENCE ACCESS CONTROL, SCHEDULE, DIVISION 8 AND DIVISION 28 SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS



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 DBR Project # 240244
 EK ZAPCLBMSJTNJLJLGGSS



GENERAL DEMO SHEET NOTES:

1. IN AREAS WHERE CEILING IS BEING REMOVED, ALL EXISTING CEILING MOUNTED DEVICES NOT SCHEDULED FOR DEMOLITION OR REPLACEMENT SHALL BE REMOVED TO ALLOW FOR COMPLETE REMOVAL OF THE EXISTING CEILING. CONTRACTOR SHALL DOCUMENT DEVICE'S ORIGINAL LOCATION, LABEL AND PROPERLY PROTECT THE DEVICE FROM DAMAGE DURING CONSTRUCTION, AND RE-INSTALL AND RE-CONNECT IT AT THE SAME LOCATION AS IT WAS REMOVED FROM AFTER CEILING IS REPLACED.
2. COORDINATE ALL DEMOLITION ACTIVITIES WITH OWNER, ARCHITECT, AND ENGINEER. PROVIDE NO LESS THAN 10 WORKING DAYS NOTICE PRIOR TO ANY SCHEDULED OUTAGES FOR ANY COMMUNICATION (DIV 27) AND LIFE SAFETY AND SECURITY (DIV 28) OUTAGES.
3. CONTRACTOR SHALL FULLY TEST ALL EXISTING TO REMAIN LOW VOLTAGE SYSTEM (INCLUDING BUT NOT LIMITED TO VOICE AND DATA CABLING SYSTEM, AV SYSTEM, PA, CAMERA SYSTEM, ACCESS CONTROL, INTRUSION ALARM) IN THE RENOVATION SCOPE OF WORK AREA, AND REPORT ANY TEST FAILURE OR MALFUNCTION OF ANY EXISTING DEVICE OR CABLE TO THE OWNER. ARCHITECT AND ENGINEER PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORK. ANY EXISTING TO-REMAIN DEVICE OR CABLE FOUND DAMAGED OR MALFUNCTIONING AT THE TIME OF SUBSTANTIAL COMPLETION, BUT NOT REPORTED PRIOR TO STARTING WORK, SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE OWNER.
4. ALL CABLING SCHEDULED TO BE DEMOLISHED SHALL BE REMOVED IN ITS ENTIRETY FROM END TO END. NO ABANDONED CABLES SHALL BE LEFT IN THE CEILING PLENUM. ABANDONED CABLE IS DEFINED AS CABLE NOT TERMINATED AT BOTH ENDS AND NOT IDENTIFIED FOR FUTURE USE WITH A TAG.
5. VERIFY WITH OWNER PRIOR TO CONSTRUCTION IF ANY OF THE EQUIPMENT SCHEDULED TO BE DEMOLISHED SHOULD BE RETURNED TO OWNER. ALL EXISTING TO REMAIN EQUIPMENT AND CABLING SHALL BE PROPERLY PROTECTED FROM DAMAGE DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL REFERENCE ALL OTHER TRADES' CONSTRUCTION DOCUMENTS FOR FULL EXTENT OF THE DEMOTION TO BE PERFORMED, AND FIELD VERIFY THE EXISTING JOB-SITE CONDITIONS BEFORE BIDDING. NO CHANGE ORDER WILL BE ALLOWED FOR INCREASED COST ASSOCIATED WITH CONDITIONS WHICH COULD HAVE BEEN DETERMINED BY EXAMINING THE SITE AND WHOLE PROJECT DOCUMENTS BEFORE SUBMISSION OF PROPOSALS AND/OR BEFORE A CONTRACT IS AWARDED.
7. DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION OR OUTDATED RECORD DOCUMENTS. CONTRACTOR SHALL REPORT ANY DISCREPANCY TO ARCHITECT AND ENGINEER BEFORE COMMENCEMENT OF THE CONSTRUCTION.

TECHNOLOGY KEYED NOTES

TS.19 REPLACE EXISTING EXTERIOR SPEAKER. REUSE EXISTING PATHWAY AND BACKBOX.

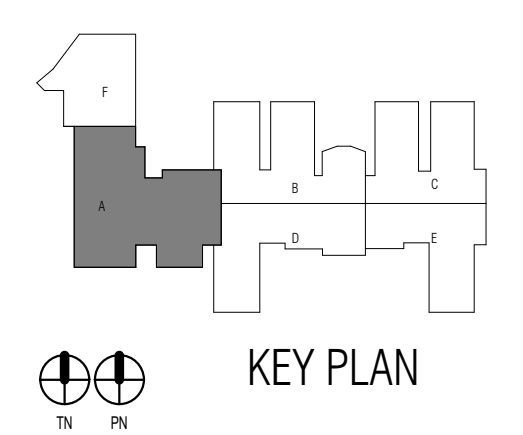


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CLEAR CREEK ISD
LEAGUE CITY, TEXAS

CCISD PROJECT NO:
2025.401



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Proj. Arch.	
DBR	

PROJECT NO.
24-045.00

SHEET TITLE

GILE - DEMO TECHNOLOGY
PLAN - UNIT A

SHEET NO.

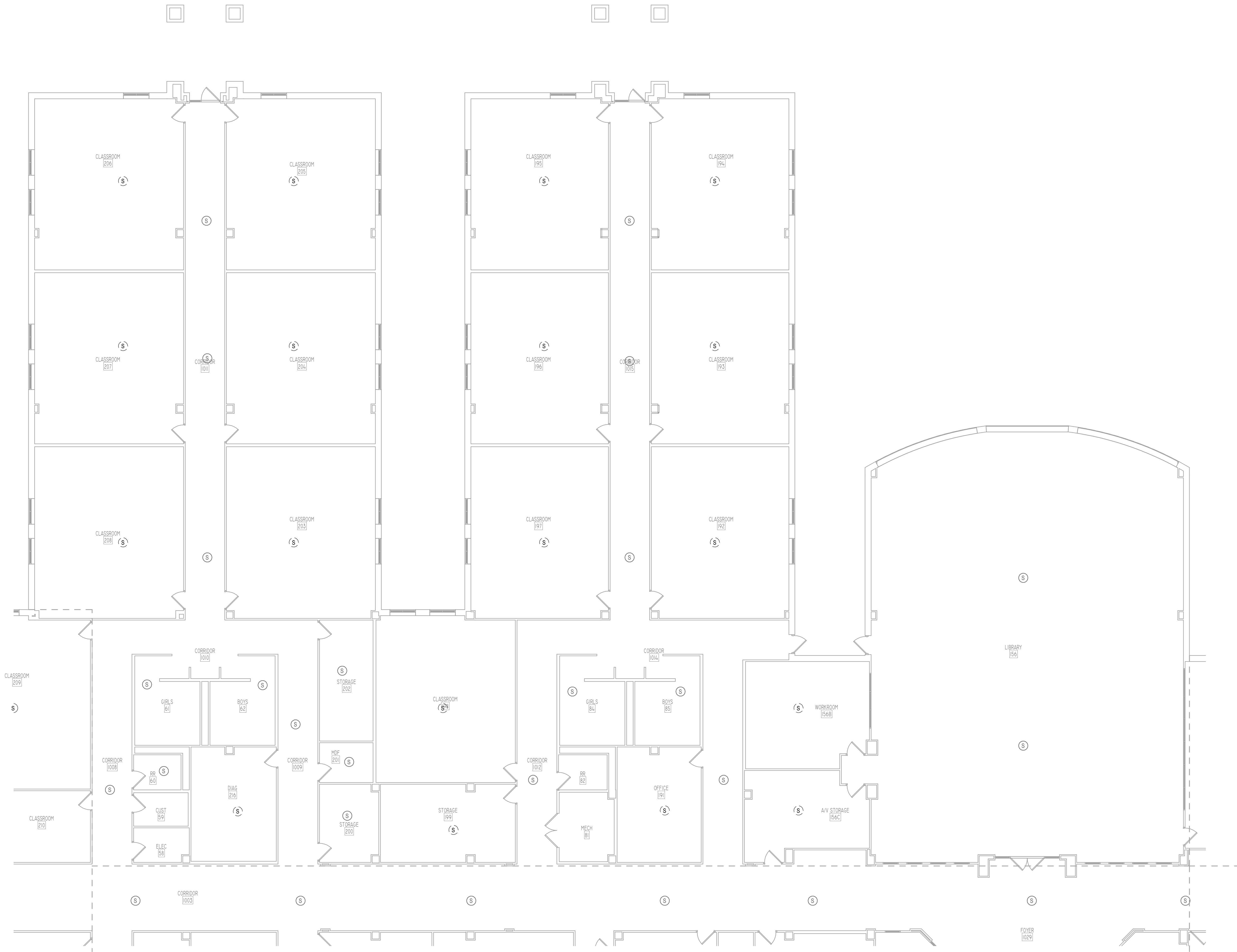
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1 TECHNOLOGY PLAN - LEVEL ONE - DEMO - UNIT A
 T22.01A 1/8" = 1'-0"



CCISD Priority Repairs - BAUE GILE WEBE



1 TECHNOLOGY PLAN - LEVEL ONE - DEMO - UNIT B
 T22.01B 1/8" = 1'-0"

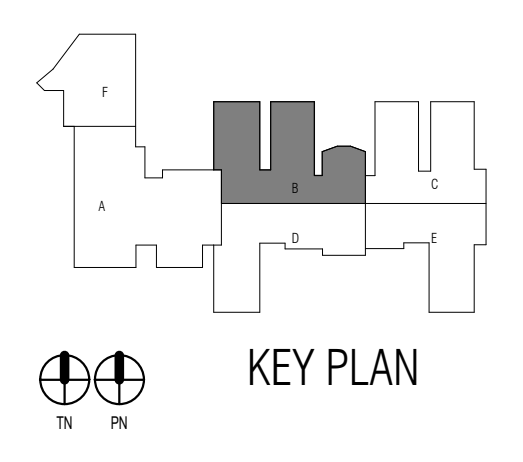
GENERAL DEMO SHEET NOTES:

1. IN AREAS WHERE CEILING IS BEING REMOVED, ALL EXISTING CEILING MOUNTED DEVICES NOT SCHEDULED FOR DEMOLITION OR REPLACEMENT SHALL BE REMOVED TO ALLOW FOR COMPLETE REMOVAL OF THE EXISTING CEILING. CONTRACTOR SHALL DOCUMENT DEVICE'S ORIGINAL LOCATION, LABEL, AND PROPERLY PROTECT THE DEVICE FROM DAMAGE DURING CONSTRUCTION, AND RE-INSTALL, AND RE-CONNECT IT AT THE SAME LOCATION AS IT WAS REMOVED FROM AFTER CEILING IS REPLACED.
2. COORDINATE ALL DEMOLITION ACTIVITIES WITH OWNER, ARCHITECT, AND ENGINEER. PROVIDE NO LESS THAN 10 WORKING DAYS NOTICE PRIOR TO ANY SCHEDULED OUTAGES FOR ANY COMMUNICATION (DIV 27) AND LIFE SAFETY AND SECURITY (DIV 28) OUTAGES.
3. CONTRACTOR SHALL FULLY TEST ALL EXISTING TO REMAIN LOW VOLTAGE SYSTEM (INCLUDING BUT NOT LIMITED TO VOICE AND DATA CABLING SYSTEM, AV SYSTEM, PA, CAMERA SYSTEM, ACCESS CONTROL, INTRUSION ALARM) IN THE RENOVATION SCOPE OF WORK AREA, AND REPORT ANY TEST FAILURE OR MALFUNCTION OF ANY EXISTING DEVICE OR CABLE TO THE OWNER. ARCHITECT AND ENGINEER PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORK. ANY EXISTING TO REMAIN DEVICE OR CABLE FOUND DAMAGED OR MALFUNCTIONING AT THE TIME OF SUBSTANTIAL COMPLETION, BUT NOT REPORTED PRIOR TO STARTING WORK, SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE OWNER.
4. ALL CABLING SCHEDULED TO BE DEMOLISHED SHALL BE REMOVED IN ITS ENTIRETY FROM END TO END. NO ABANDONED CABLES SHALL BE LEFT IN THE CEILING PLENUM. ABANDONED CABLE IS DEFINED AS CABLE NOT TERMINATED AT BOTH ENDS AND NOT IDENTIFIED FOR FUTURE USE WITH A TAG.
5. VERIFY WITH OWNER PRIOR TO CONSTRUCTION IF ANY OF THE EQUIPMENT SCHEDULED TO BE DEMOLISHED SHOULD BE RETURNED TO OWNER. ALL EXISTING TO REMAIN EQUIPMENT AND CABLING SHALL BE PROPERLY PROTECTED FROM DAMAGE DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL REFERENCE ALL OTHER TRADES' CONSTRUCTION DOCUMENTS FOR FULL EXTENT OF THE DEMOTION TO BE PERFORMED, AND FIELD VERIFY THE EXISTING JOB-SITE CONDITIONS BEFORE BIDDING. NO CHANGE ORDER WILL BE ALLOWED FOR INCREASED COST ASSOCIATED WITH CONDITIONS WHICH COULD HAVE BEEN DETERMINED BY EXAMINING THE SITE AND WHOLE PROJECT DOCUMENTS BEFORE SUBMISSION OF PROPOSALS AND/OR BEFORE A CONTRACT IS AWARDED.
7. DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION OR OUTDATED RECORD DOCUMENTS. CONTRACTOR SHALL REPORT ANY DISCREPANCY TO ARCHITECT AND ENGINEER BEFORE COMMENCEMENT OF THE CONSTRUCTION.



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Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

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24-045.00

SHEET TITLE
GILE - DEMO TECHNOLOGY PLAN - UNIT B

SHEET NO.

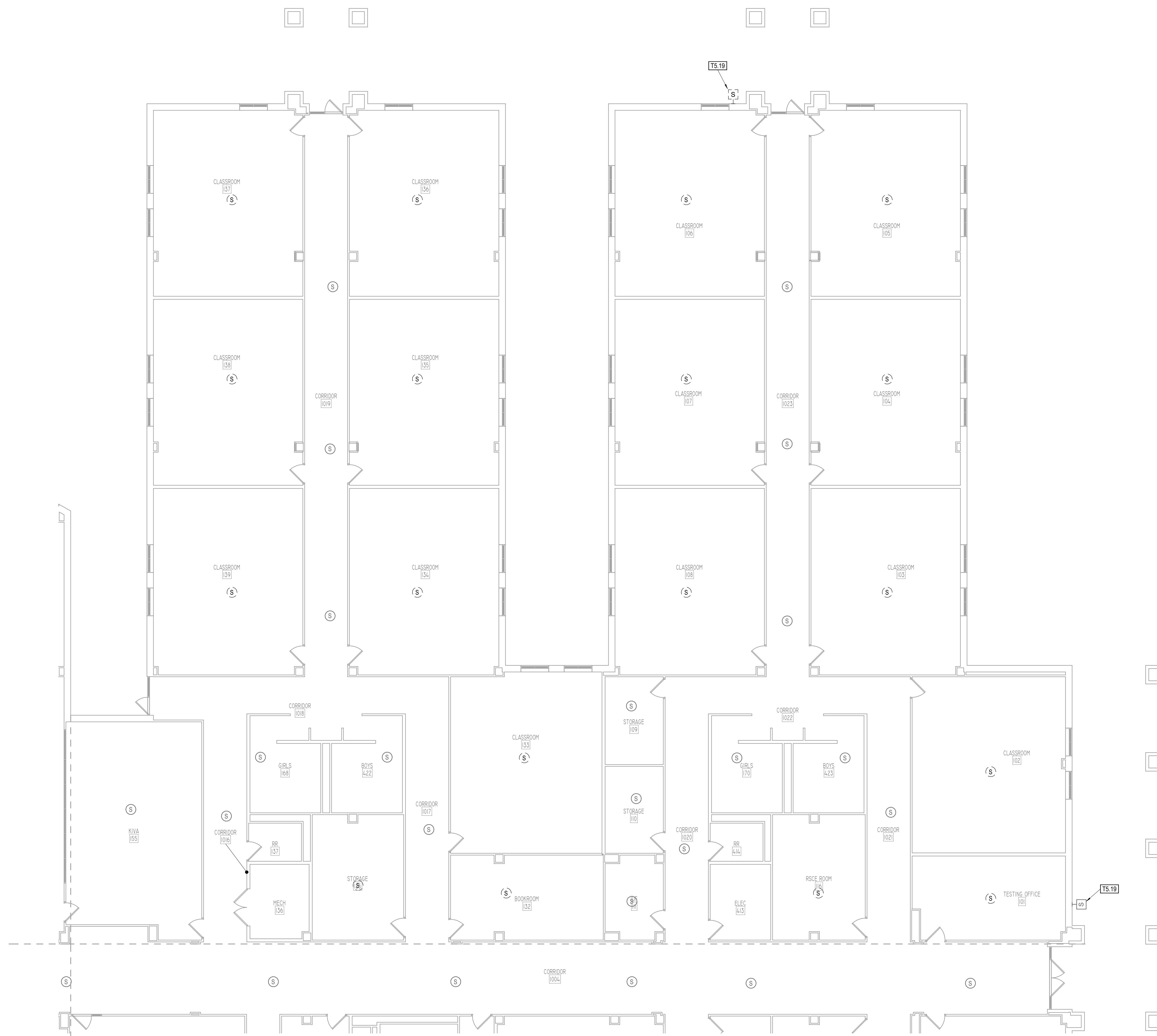
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 2025.401

CCISD Priority Repairs - BAUE GILE WEBE



1 TECHNOLOGY PLAN - LEVEL ONE - DEMO - UNIT C
 T22.01C
 1/8" = 1'-0"

GENERAL DEMO SHEET NOTES:

1. IN AREAS WHERE CEILING IS BEING REMOVED, ALL EXISTING CEILING MOUNTED DEVICES NOT SCHEDULED FOR DEMOLITION OR REPLACEMENT SHALL BE REMOVED TO ALLOW FOR COMPLETE REMOVAL OF THE EXISTING CEILING. CONTRACTOR SHALL DOCUMENT DEVICE'S ORIGINAL LOCATION, LABEL, AND PROPERLY PROTECT THE DEVICE FROM DAMAGE DURING CONSTRUCTION, AND RE-INSTALL AND RE-CONNECT IT AT THE SAME LOCATION AS IT WAS REMOVED FROM AFTER CEILING IS REPLACED.
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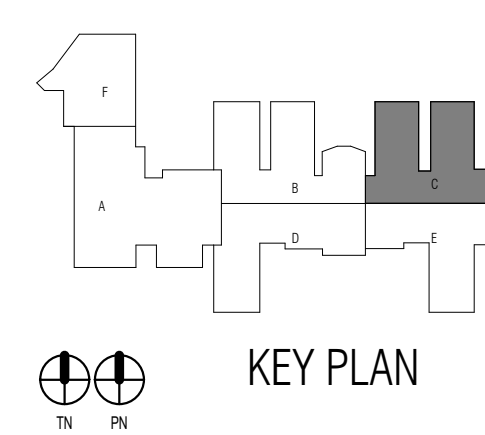
TECHNOLOGY KEYED NOTES

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ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director
 Approver
 Designer
 Designer
 Proj. Arch.
 DBR

Drawn By
 DBR
 Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

GILE - DEMO TECHNOLOGY PLAN - UNIT C

SHEET NO.

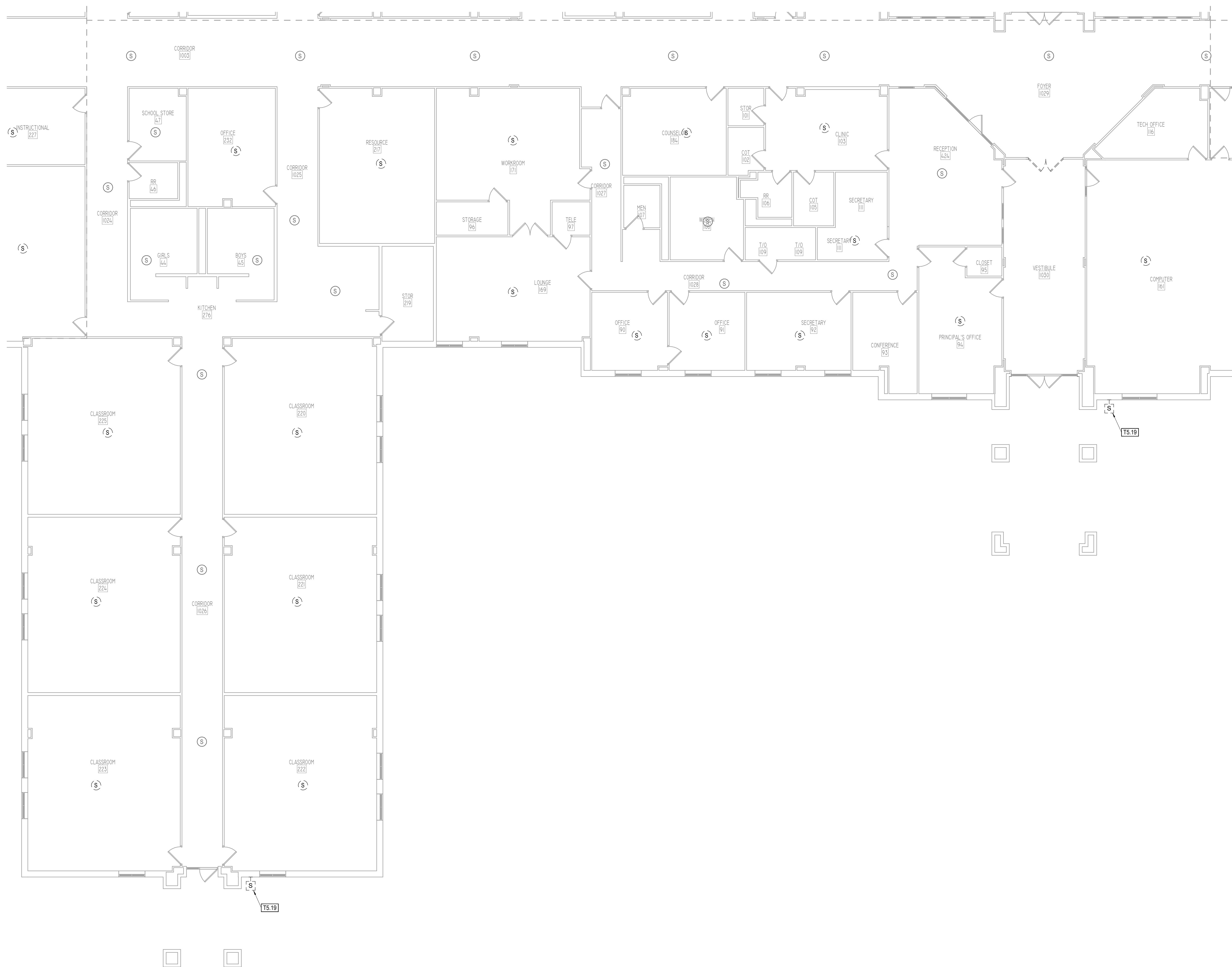
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2025.401

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CCISD Priority Repairs - BAUE GILE WEBE



1 TECHNOLOGY PLAN - LEVEL ONE - DEMO - UNIT D
 T22.01D 1/8" = 1'-0"

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1. IN AREAS WHERE CEILING IS BEING REMOVED, ALL EXISTING CEILING MOUNTED DEVICES NOT SCHEDULED FOR DEMOLITION OR REPLACEMENT SHALL BE REMOVED TO ALLOW FOR COMPLETE REMOVAL OF THE EXISTING CEILING. CONTRACTOR SHALL DOCUMENT DEVICE'S ORIGINAL LOCATION, LABEL, AND PROPERLY PROTECT THE DEVICE FROM DAMAGE DURING CONSTRUCTION, AND RE-INSTALL AND RE-CONNECT IT AT THE SAME LOCATION AS IT WAS REMOVED FROM AFTER CEILING IS REPLACED.
2. COORDINATE ALL DEMOLITION ACTIVITIES WITH OWNER, ARCHITECT, AND ENGINEER. PROVIDE NO LESS THAN 10 WORKING DAYS NOTICE PRIOR TO ANY SCHEDULED OUTAGES FOR ANY COMMUNICATION (DIV 27) AND LIFE SAFETY AND SECURITY (DIV 28) OUTAGES.
3. CONTRACTOR SHALL FULLY TEST ALL EXISTING TO REMAIN LOW VOLTAGE SYSTEM (INCLUDING BUT NOT LIMITED TO VOICE AND DATA CABLING SYSTEM, AV SYSTEM, PA, CAMERA SYSTEM, ACCESS CONTROL, INTRUSION ALARM) IN THE RENOVATION SCOPE OF WORK AREA, AND REPORT ANY TEST FAILURE OR MALFUNCTION OF ANY EXISTING DEVICE OR CABLE TO THE OWNER. ARCHITECT AND ENGINEER PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORK. ANY EXISTING TO REMAIN DEVICE OR CABLE FOUND DAMAGED OR MALFUNCTIONING AT THE TIME OF SUBSTANTIAL COMPLETION, BUT NOT REPORTED PRIOR TO STARTING WORK, SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT OR THE OWNER.
4. ALL CABLING SCHEDULED TO BE DEMOLISHED SHALL BE REMOVED IN ITS ENTIRETY FROM END TO END. NO ABANDONED CABLES SHALL BE LEFT IN THE CEILING PLENUM. ABANDONED CABLE IS DEFINED AS CABLE NOT TERMINATED AT BOTH ENDS AND NOT IDENTIFIED FOR FUTURE USE WITH A TAG.
5. VERIFY WITH OWNER PRIOR TO CONSTRUCTION IF ANY OF THE EQUIPMENT SCHEDULED TO BE DEMOLISHED SHOULD BE RETURNED TO OWNER. ALL EXISTING TO REMAIN EQUIPMENT AND CABLING SHALL BE PROPERLY PROTECTED FROM DAMAGE DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL REFERENCE ALL OTHER TRADES' CONSTRUCTION DOCUMENTS FOR FULL EXTENT OF THE DEMOLITION TO BE PERFORMED, AND FIELD VERIFY THE EXISTING JOB-SITE CONDITIONS BEFORE BIDDING. NO CHANGE ORDER WILL BE ALLOWED FOR INCREASED COST ASSOCIATED WITH CONDITIONS WHICH COULD HAVE BEEN DETERMINED BY EXAMINING THE SITE AND WHOLE PROJECT DOCUMENTS BEFORE SUBMISSION OF PROPOSALS AND/OR BEFORE A CONTRACT IS AWARDED.
7. DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION OR OUTDATED RECORD DOCUMENTS. CONTRACTOR SHALL REPORT ANY DISCREPANCY TO ARCHITECT AND ENGINEER BEFORE COMMENCEMENT OF THE CONSTRUCTION.

TECHNOLOGY KEYED NOTES

- T5.19 REPLACE EXISTING EXTERIOR SPEAKER. REUSE EXISTING PATHWAY AND BACKBOX.



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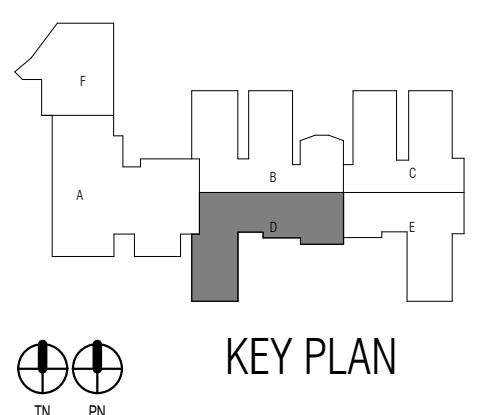
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CLEAR CREEK ISD
 LEAGUE CITY, TEXAS

CCISD PROJECT NO:
 2025.401



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

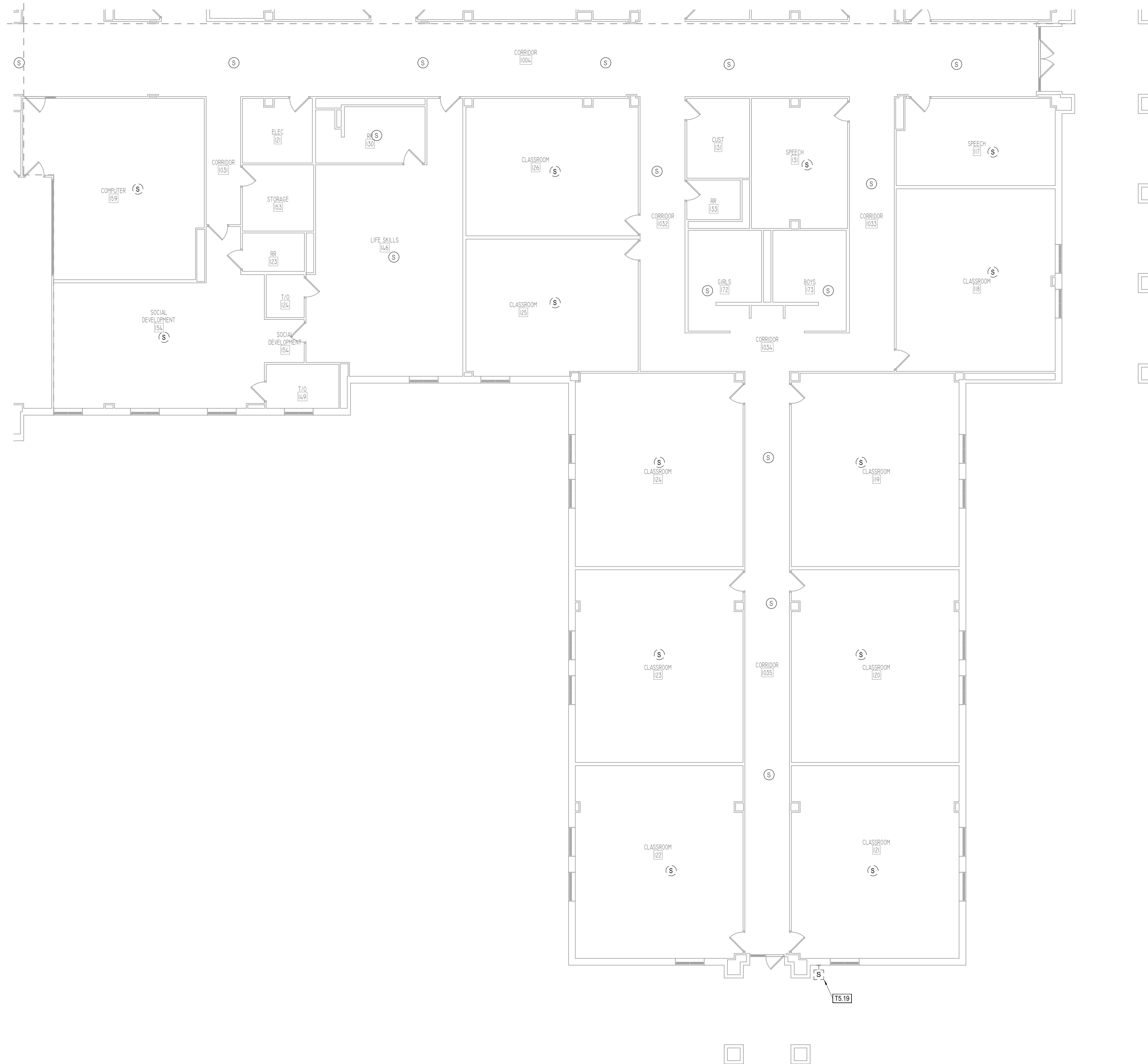
GILE - DEMO TECHNOLOGY
 PLAN - UNIT D

SHEET NO.

T22.01D



CCISD Priority Repairs - BAUE GILE WEBE



1 TECHNOLOGY PLAN - LEVEL ONE - DEMO - UNIT E
 T22.01E 1/8" = 1'-0"

GENERAL DEMO SHEET NOTES:

- IN AREAS WHERE CEILING IS BEING REMOVED, ALL EXISTING CEILING MOUNTED DEVICES NOT SCHEDULED FOR DEMOLITION OR REPLACEMENT SHALL BE REMOVED TO ALLOW FOR COMPLETE REMOVAL OF THE EXISTING CEILING. CONTRACTOR SHALL DOCUMENT DEVICE'S ORIGINAL LOCATION, LABEL, AND PROPERLY PROTECT THE DEVICE FROM DAMAGE DURING CONSTRUCTION, AND RE-INSTALL AND RE-CONNECT IT AT THE SAME LOCATION AS IT WAS REMOVED FROM AFTER CEILING IS REPLACED.
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- VERIFY WITH OWNER PRIOR TO CONSTRUCTION IF ANY OF THE EQUIPMENT SCHEDULED TO BE DEMOLISHED SHOULD BE RETURNED TO OWNER. ALL EXISTING TO REMAIN EQUIPMENT AND CABLING SHALL BE PROPERLY PROTECTED FROM DAMAGE DURING CONSTRUCTION.
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TECHNOLOGY KEYED NOTES

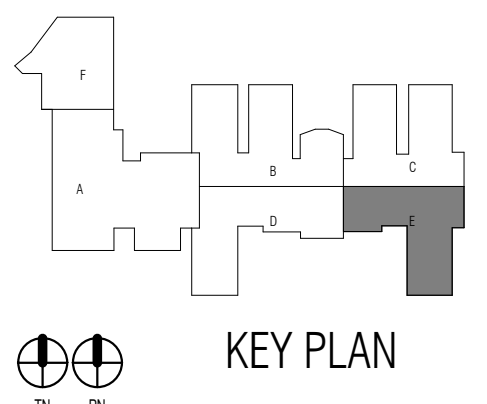
- T5.19 REPLACE EXISTING EXTERIOR SPEAKER. REUSE EXISTING PATHWAY AND BACKBOX.



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CCISD PROJECT NO:
 2025.401



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REVISIONS

Revision No.	Revision Date

Director
 Approver
 Designer
 Designer
 Proj. Arch.
 DBR

Drawn By
 DBR
 Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

GILE - DEMO TECHNOLOGY
 PLAN - UNIT E

SHEET NO.

T22.01E



CCISD Priority Repairs - BAUE GILE WEBE

GENERAL DEMO SHEET NOTES:

1. IN AREAS WHERE CEILING IS BEING REMOVED, ALL EXISTING CEILING MOUNTED DEVICES NOT SCHEDULED FOR DEMOLITION OR REPLACEMENT SHALL BE REMOVED TO ALLOW FOR COMPLETE REMOVAL OF THE EXISTING CEILING. CONTRACTOR SHALL DOCUMENT DEVICE'S ORIGINAL LOCATION, LABEL, AND PROPERLY PROTECT THE DEVICE FROM DAMAGE DURING CONSTRUCTION, AND RE-INSTALL AND RE-CONNECT IT AT THE SAME LOCATION AS IT WAS REMOVED FROM AFTER CEILING IS REPLACED.
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1 TECHNOLOGY PLAN - LEVEL ONE - DEMO - UNIT F
 T22.01F 1/8" = 1'-0"



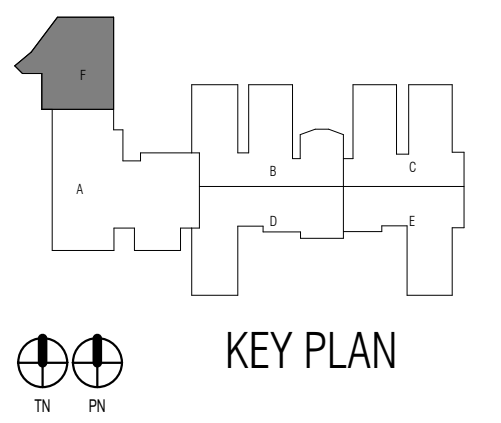
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SHEET TITLE

GILE - DEMO TECHNOLOGY
 PLAN - UNIT F

SHEET NO.

T22.01F



CCISD Priority Repairs - BAUE GILE WEBE

ARCHITECT

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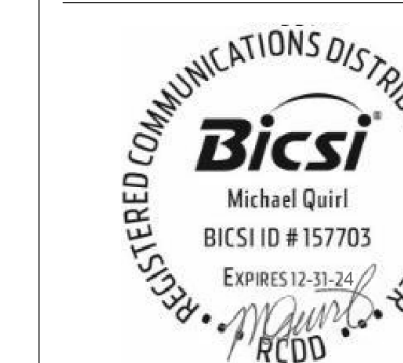
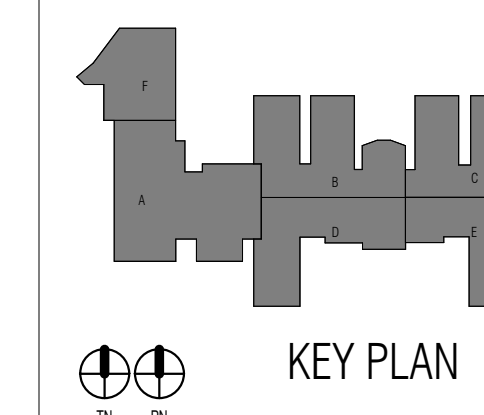
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Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

GILE - EXISTING
 TECHNOLOGY PLAN -
 MEZZANINE

SHEET NO.

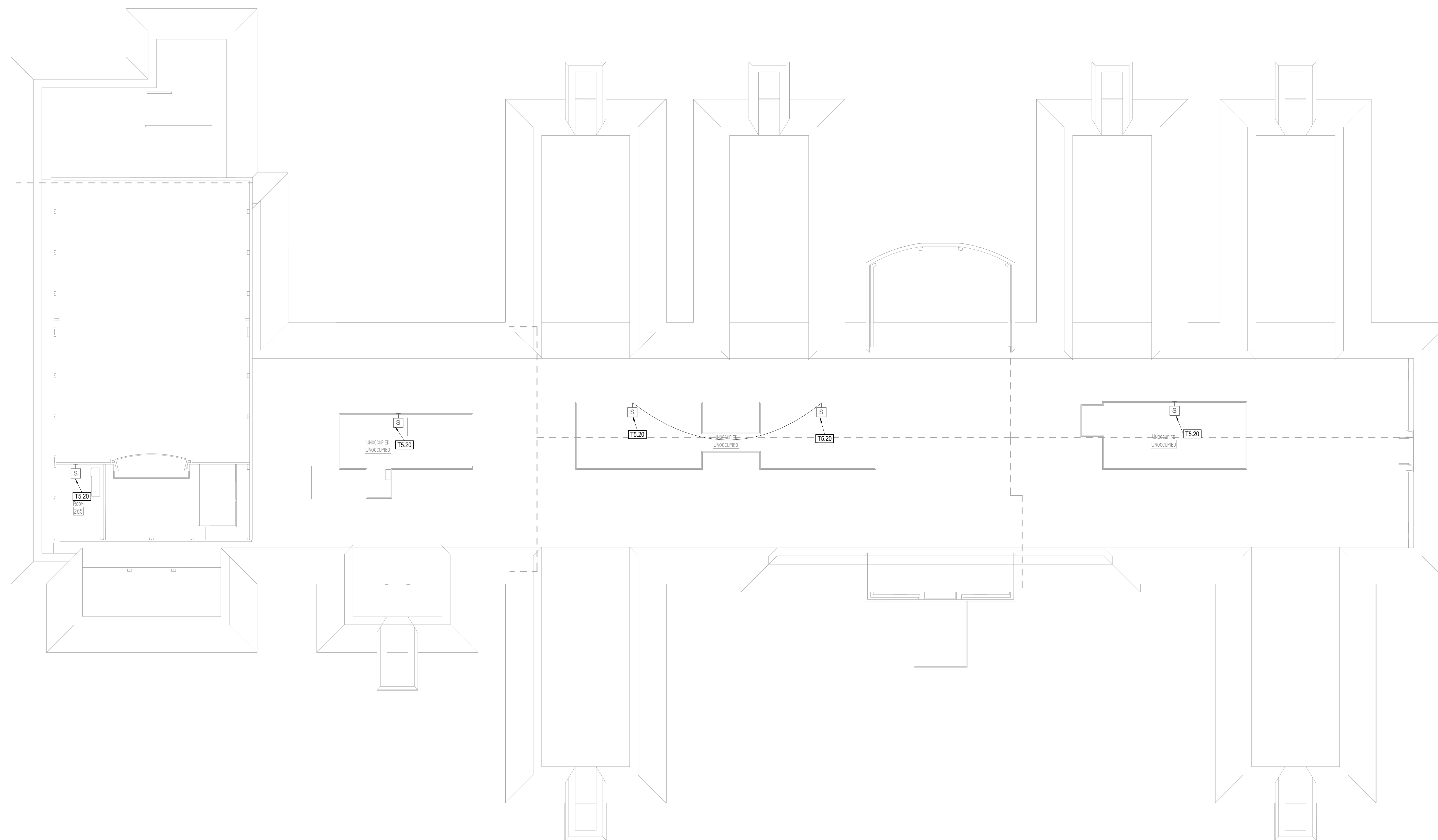
T22.02

GENERAL FLOOR PLAN NOTES:

- ALL TECHNOLOGY DEVICES, OUTLETS AND CABLE/CONDUIT PATHWAYS SHOWN ARE DIAGNOSTIC ONLY AND ARE NOT MEANT TO SHOW THE EXACT LOCATION OR ROUTE. CONTRACTOR SHALL VERIFY WITH ARCHITECT AND OWNER FOR EXACT ROUTE, MOUNTING HEIGHT, AND LOCATION BEFORE INSTALLATION. AND SHALL COORDINATE WITH OTHER TRADES TO MAKE ANY FIELD ADJUSTMENTS AS NECESSARY TO AVOID COLLISIONS AND MEET THE PROJECT REQUIREMENTS.
- CONDUITS AND BACKBOXES, SIZED PER DIV 27/28 SPECIFICATIONS. SHALL BE PROVIDED (BY DIV 26) FOR ALL TECHNOLOGY SYSTEM DEVICES MOUNTED ON WALL, FLOOR, AND OPEN OR SOLID FINISH CEILING. CONDUITS/SLEEVES SHALL BE PROVIDED FOR ALL CABLES ROUTED IN WALLS, OR THROUGH FULL HEIGHT PARTITIONS, OR THROUGH INACCESSIBLE CEILING PLENUM, OR THROUGH SPACES WITH EXPOSED CEILING DECK.
- UTP CABLES OF DIFFERENT RATING (CAT 6, CAT 6A, CLASS 4 POWER) OR JACKETING (SHIELDED OR COLORED SHEATH) OR DIFFERENT MEDIA TYPE CABLES (UTP, FIBER, COAX, ETC.) SHALL BE ROUTED IN SEPARATE JHOOKS, CONDUITS, SLEEVES, CORES, DUCTS, ETC. THROUGHOUT THE ENTIRE PATHWAY. INSTRUMENTATION, SIGNAL, AND TELECOMMUNICATIONS CABLING (INCLUDING CLASS 4 POWER), SHALL BE SEPARATED FROM POWER CABLING WITH A SEPARATE CABLE TRAY OR BY A DIVIDER WITHIN A CABLE TRAY.
- BUSHINGS SHALL BE INSTALLED AT EACH END OF THE CONDUITS BEFORE CABLES BEING PULLED THROUGH. PROVIDE PULL STRING IN EACH CONDUIT INSTALLED AND LEAVE ONE FOR FUTURE PULLING AFTER CABLE INSTALLATION IS COMPLETE.
- NO NETWORK DATA CABLE RUN SHALL EXCEED 295 FEET IN TOTAL LENGTH INCLUDING UP/DOWN AND SERVICE LOOPS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT AND ENGINEER. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR PROPER PATHWAY PLANNING.

TECHNOLOGY KEYED NOTES

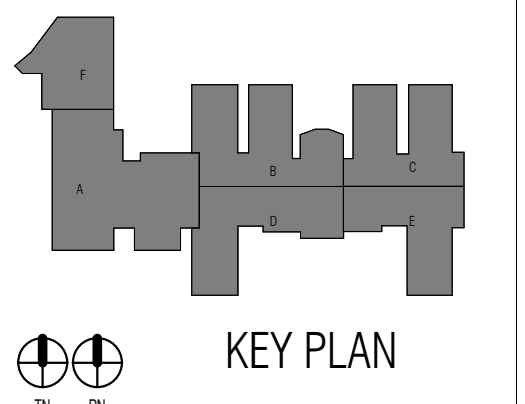
- T5.20 PROVIDE WALL MOUNTED SPEAKER IN MECHANICAL MEZZANINE. COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS. CIRCUIT TO THE NEAREST CORRIDOR ZONE ON LEVEL 1. COORDINATE REQUIRED PENETRATIONS WITH ALL APPLICABLE TRADES.



1 EXISTING TECHNOLOGY PLAN - MEZZANINE
 T22.02 1" = 20'-0"



CCISD Priority Repairs - BAUE GILE WEBE



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Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

GILE - COMPOSITE
 TECHNOLOGY PLAN

SHEET NO.

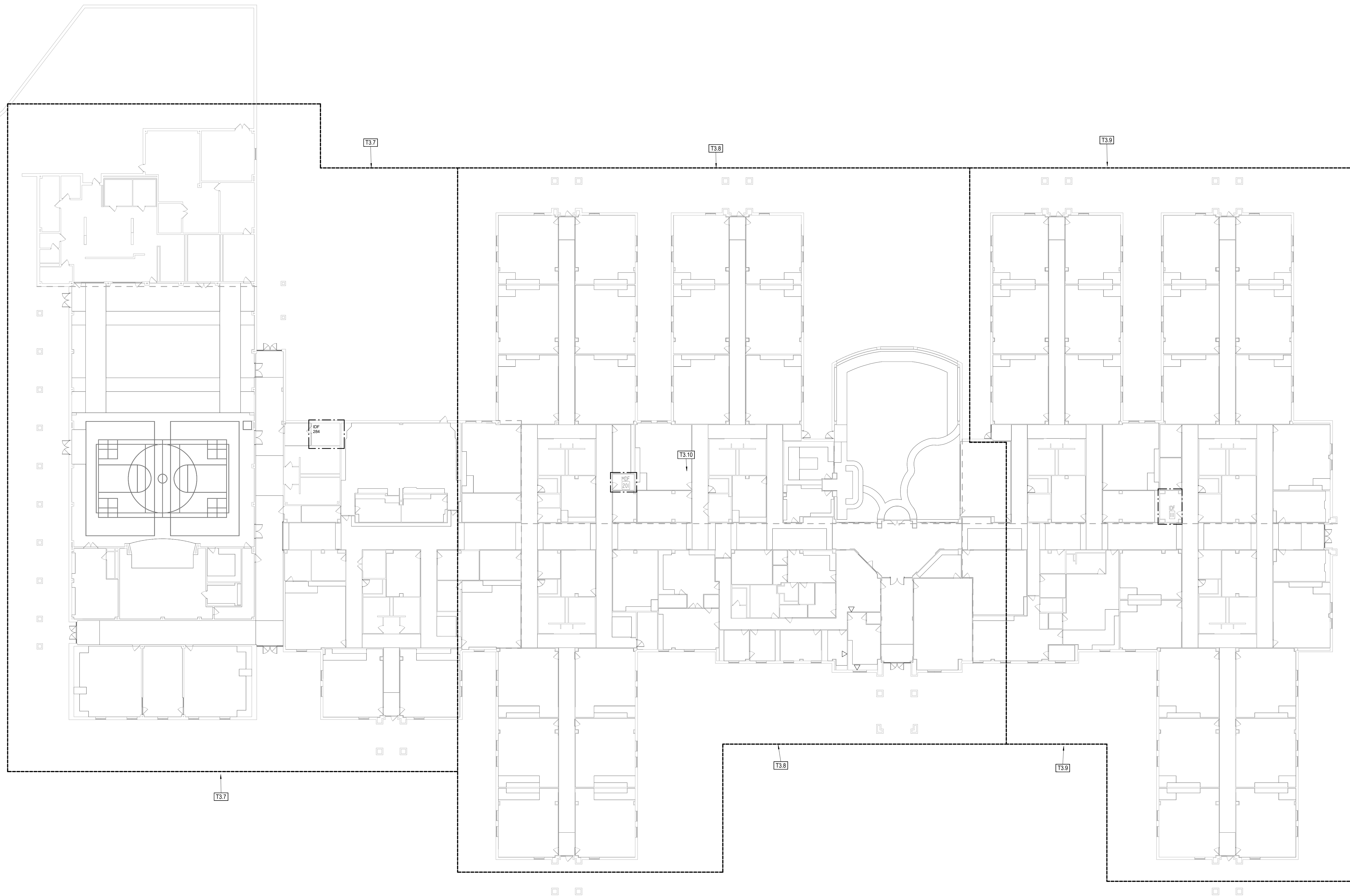
T22.11

GENERAL TECHNOLOGY PLAN NOTES:

- CONTRACTOR SHALL PROVIDE (1) NEW CAT 6 CABLE TO ALL 'IP' SPEAKER LOCATIONS SHOWN.
- ROUTING PLANS ARE DIAGRAMMATIC AND SHOWN FOR DESIGN INTENT ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES (ELEC, ARCH, ETC.) AND MAKE ANY ADJUSTMENT IF NECESSARY TO THE CABLE ROUTING PLAN TO MEET THE DISTANCE LIMIT REQUIREMENT.
- CONTRACTOR SHALL PROVIDE A PROPOSED ROUTING PLAN SHOWING THE TOTAL LENGTH OF THE LONGEST CABLE RUN FOR EACH TELECOM ROOM AS PART OF THE SHOP DRAWING SUBMITTAL FOR REVIEW AND APPROVAL.
- ALL CABLE PATHWAYS SHOWN ARE FOR DESIGN INTENT ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES (MEP, ARCH, ETC.) BEFORE COMMENCEMENT OF THE CONSTRUCTION FOR COLLISION DETECTION AND MAKE ANY ADJUSTMENT NECESSARY TO THE EXACT ROUTE TO PROVIDE SUFFICIENT CLEARANCE FOR ALL BUILDING SYSTEM INVOLVED.

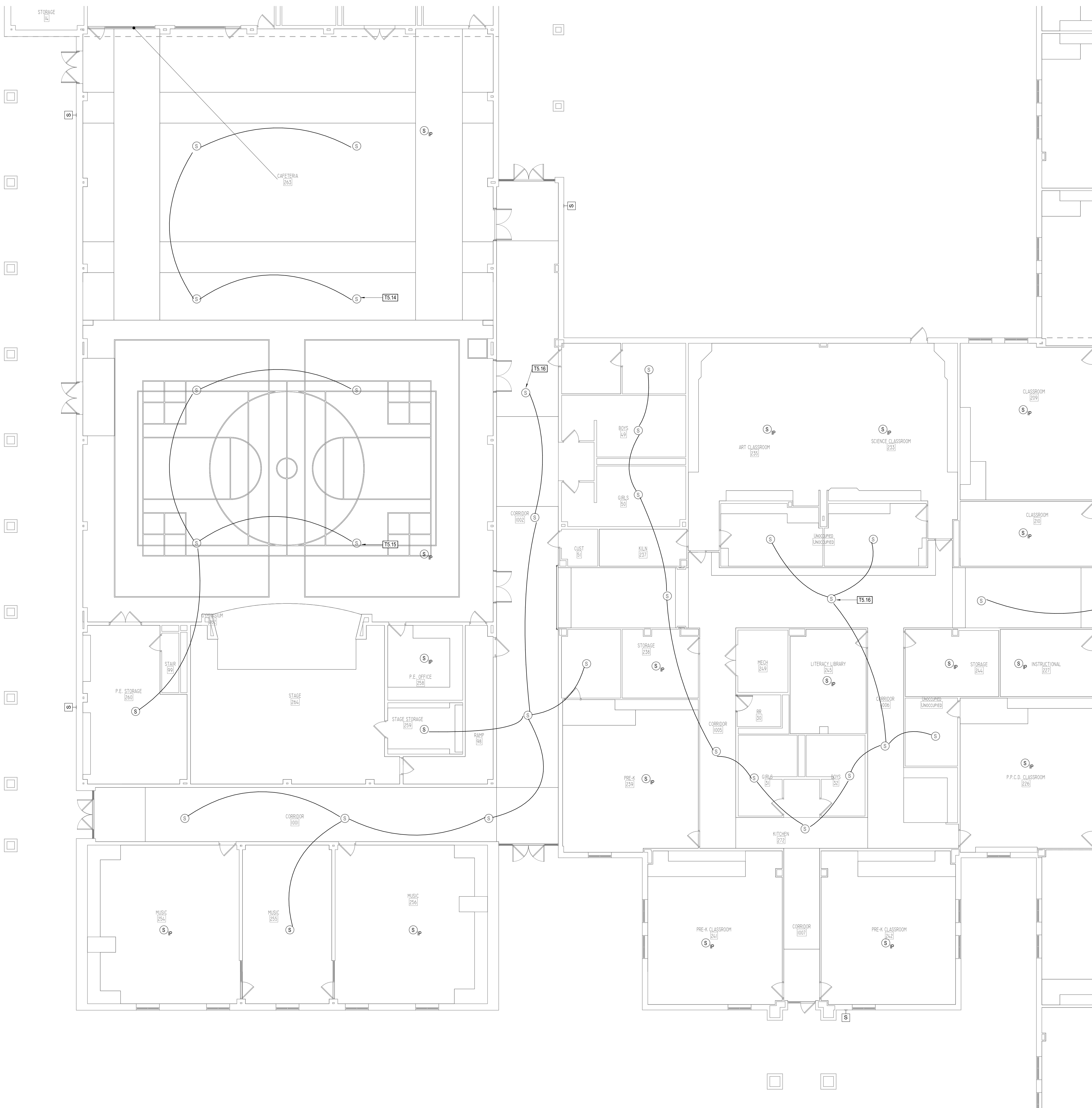
TECHNOLOGY KEYED NOTES

- T3.7 ALL NEW CAT 6 CABLING IN THIS AREA IS TO ORIGINATE FROM EXISTING IDF ROOM 204
- T3.8 ALL NEW CAT 6 CABLING IN THIS AREA IS TO ORIGINATE FROM EXISTING IDF 201
- T3.9 ALL NEW CAT 6 CABLING IN THIS AREA IS TO ORIGINATE FROM EXISTING IDF 111
- T3.10 ALL NEW INTERCOM HEADEND EQUIPMENT IS TO BE INSTALLED IN BUILDINGS EXISTING MDF ROOM.



1 COMPOSITE TECHNOLOGY PLAN - LEVEL ONE
 T22.11 1" = 20'-0"





GENERAL FLOOR PLAN NOTES:

- ALL TECHNOLOGY DEVICES, OUTLETS AND CABLE/CONDUIT PATHWAYS SHOWN ARE DIAGNOSTIC ONLY AND ARE NOT MEANT TO SHOW THE EXACT LOCATION OR ROUTE. CONTRACTOR SHALL VERIFY WITH ARCHITECT AND OWNER FOR EXACT ROUTE, MOUNTING HEIGHT, AND LOCATION BEFORE INSTALLATION. AND SHALL COORDINATE WITH OTHER TRADES TO MAKE ANY FIELD ADJUSTMENTS AS NECESSARY TO AVOID COLLISIONS AND MEET THE PROJECT REQUIREMENTS.
- CONDUITS AND BACKBOXES, SIZED PER DIV 2728 SPECIFICATIONS, SHALL BE PROVIDED (BY DIV 26) FOR ALL TECHNOLOGY SYSTEM DEVICES MOUNTED ON WALL, FLOOR, AND OPEN OR SOLID FINISH CEILING. CONDUITS/SLEEVES SHALL BE PROVIDED FOR ALL CABLES ROUTED IN WALLS, OR THROUGH FULL HEIGHT PARTITIONS, OR THROUGH INACCESSIBLE CEILING FLENUM, OR THROUGH SPACES WITH EXPOSED CEILING DECK.
- UTP CABLES OF DIFFERENT RATING (CAT 6, CAT 6A, CLASS 4 POWER) OR JACKETING (SHIELDED OR COLORED SHEATH) OR DIFFERENT MEDIA TYPE CABLES (UTP, FIBER, COAX, ETC.) SHALL BE ROUTED IN SEPARATE JHOOKS, CONDUITS, SLEEVES, CORES, DUCTS, ETC. THROUGHOUT THE ENTIRE PATHWAY. INSTRUMENTATION, SIGNAL, AND TELECOMMUNICATIONS CABLEING (INCLUDING CLASS 4 POWER), SHALL BE SEPARATED FROM POWER CABLEING WITH A SEPARATE CABLE TRAY OR BY A DIVIDER WITHIN A CABLE TRAY.
- BUSHINGS SHALL BE INSTALLED AT EACH END OF THE CONDUITS BEFORE CABLES BEING PULLED THROUGH. PROVIDE PULL STRING IN EACH CONDUIT INSTALLED AND LEAVE ONE FOR FUTURE PULLING AFTER CABLE INSTALLATION IS COMPLETE.
- NO NETWORK DATA CABLE RUN SHALL EXCEED 295 FEET IN TOTAL LENGTH INCLUDING UP/DOWN AND SERVICE LOOPS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT AND ENGINEER. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR PROPER PATHWAY PLANNING.

TECHNOLOGY KEYED NOTES

- TS.14 CAFE ZONE
- TS.15 GYM ZONE
- TS.16 CORRIDOR ZONE



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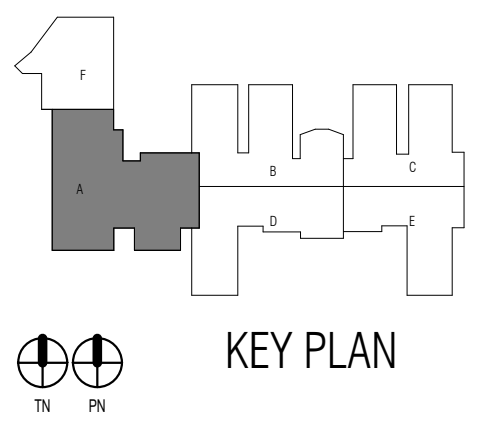
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Approver	DBR
Designer	Quality Control
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DBR	

PROJECT NO.

24-045.00

SHEET TITLE

GILE - TECHNOLOGY PLAN
- UNIT A

SHEET NO.

T22.11A

1 TECHNOLOGY PLAN - LEVEL ONE - UNIT A
 T22.11A 1/8" = 1'-0"



CCISD Priority Repairs - BAUE GILE WEBE

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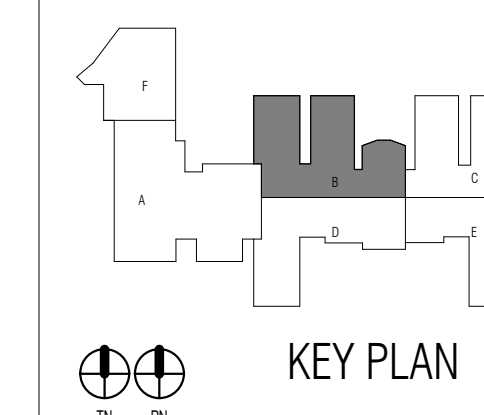
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CLEAR CREEK ISD
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CCISD Priority Repairs - BAUE GILE WEBE



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PROJECT NO.

24-045.00

SHEET TITLE

GILE - TECHNOLOGY PLAN
 - UNIT B

SHEET NO.

T22.11B

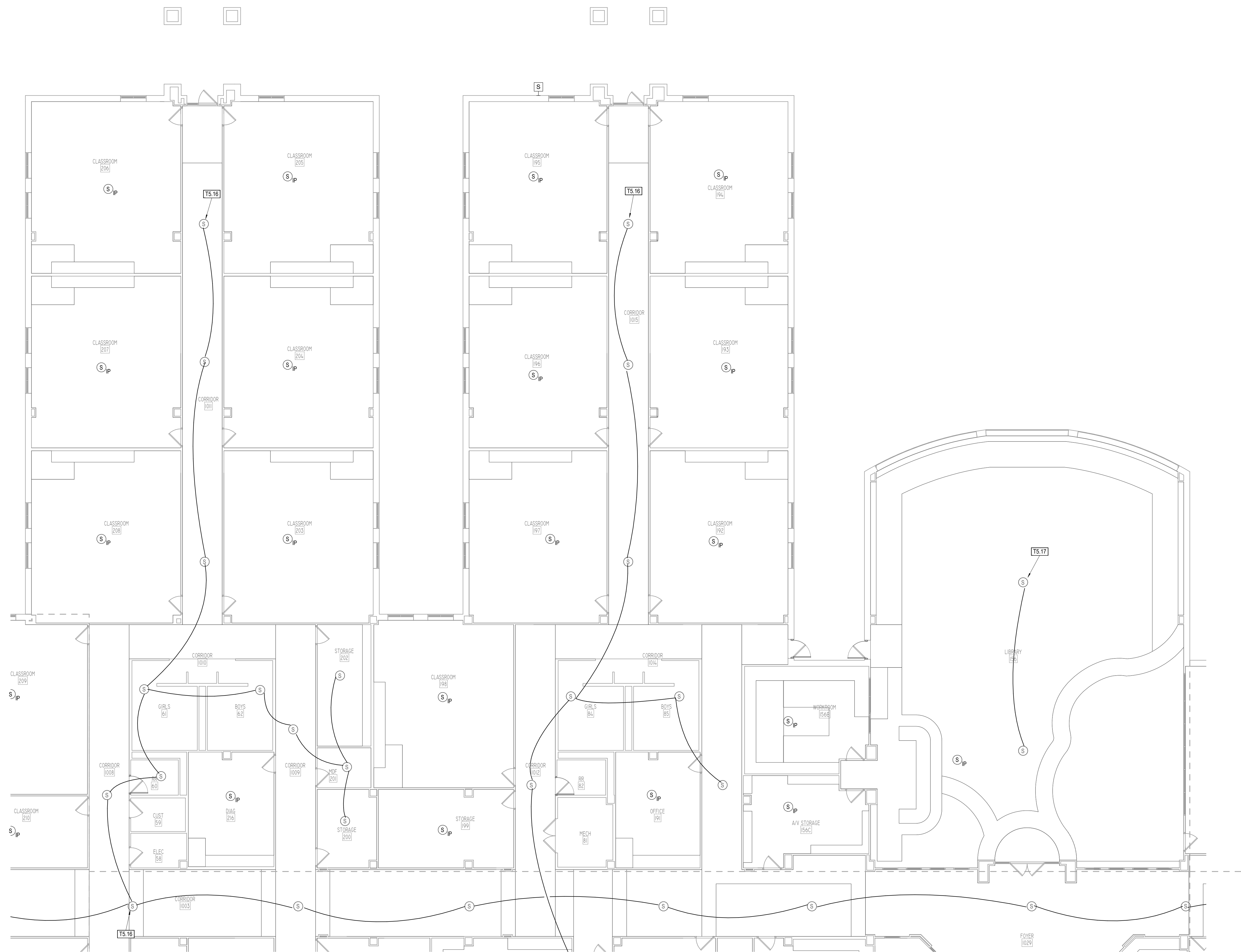
GENERAL FLOOR PLAN NOTES:

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- BUSHINGS SHALL BE INSTALLED AT EACH END OF THE CONDUITS BEFORE CABLES BEING PULLED THROUGH. PROVIDE PULL STRING IN EACH CONDUIT INSTALLED AND LEAVE ONE FOR FUTURE PULLING AFTER CABLE INSTALLATION IS COMPLETE.
- NO NETWORK DATA CABLE RUN SHALL EXCEED 295 FEET IN TOTAL LENGTH INCLUDING UP/DOWN AND SERVICE LOOPS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT AND ENGINEER. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR PROPER PATHWAY PLANNING.

TECHNOLOGY KEYED NOTES

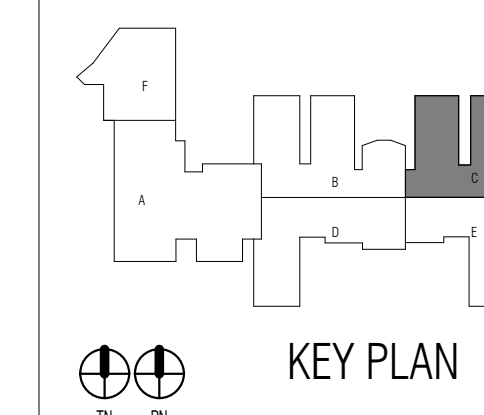
T5.16 CORRIDOR ZONE.

T5.17 LIBRARY ZONE.



1 TECHNOLOGY PLAN - LEVEL ONE - UNIT B
 T22.11B 1/8" = 1'-0"





ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director
 Approver
 Designer
 Designer
 Proj. Arch.
 DBR

Drawn By
 DBR
 Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

GILE - TECHNOLOGY PLAN
 - UNIT C

SHEET NO.

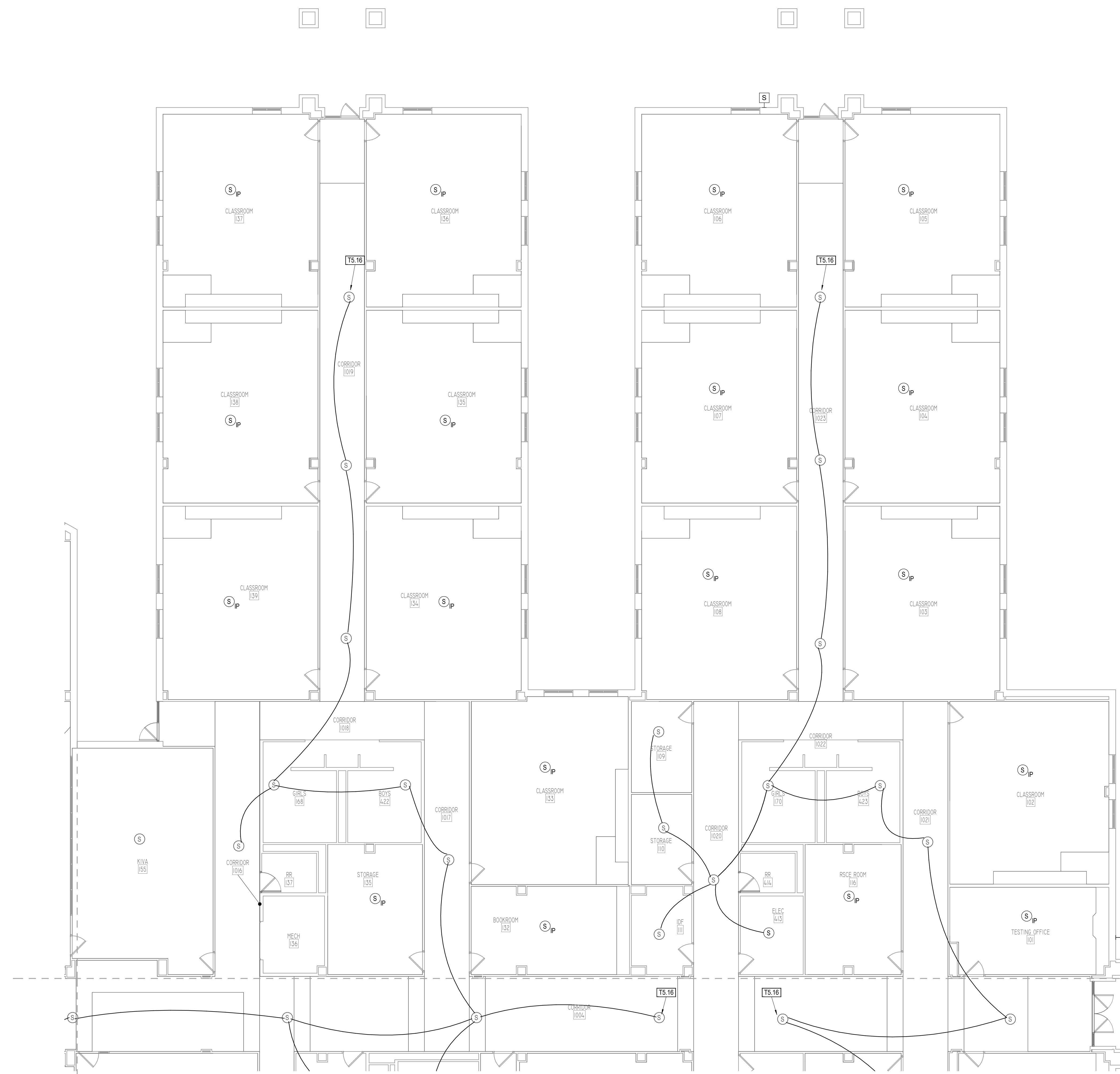
T22.11C

GENERAL FLOOR PLAN NOTES:

- ALL TECHNOLOGY DEVICES, OUTLETS AND CABLE/CONDUIT PATHWAYS SHOWN ARE DIAGNOSTIC ONLY AND ARE NOT MEANT TO SHOW THE EXACT LOCATION OR ROUTE. CONTRACTOR SHALL VERIFY WITH ARCHITECT AND OWNER FOR EXACT ROUTE, MOUNTING HEIGHT, AND LOCATION BEFORE INSTALLATION. AND SHALL COORDINATE WITH OTHER TRADES TO MAKE ANY FIELD ADJUSTMENTS AS NECESSARY TO AVOID COLLISIONS AND MEET THE PROJECT REQUIREMENTS.
- CONDUITS AND BACKBOXES, SIZED PER DIV 27/28 SPECIFICATIONS, SHALL BE PROVIDED (BY DIV 26) FOR ALL TECHNOLOGY SYSTEM DEVICES MOUNTED ON WALL, FLOOR, AND OPEN OR SOLID FINISH CEILING. CONDUITS/SLEEVES SHALL BE PROVIDED FOR ALL CABLES ROUTED IN WALLS, OR THROUGH FULL HEIGHT PARTITIONS, OR THROUGH INACCESSIBLE CEILING PLENUM, OR THROUGH SPACES WITH EXPOSED CEILING DECK.
- UTP CABLES OF DIFFERENT RATING (CAT 6, CAT 6A, CLASS 4 POWER) OR JACKETING (SHIELDED OR COLORED SHEATH) OR DIFFERENT MEDIA TYPE CABLES (UTP, FIBER, COAX, ETC.) SHALL BE ROUTED IN SEPARATE JHOOKS, CONDUITS, SLEEVES, CORES, DUCTS, ETC. THROUGHOUT THE ENTIRE PATHWAY. INSTRUMENTATION, SIGNAL, AND TELECOMMUNICATIONS CABLING (INCLUDING CLASS 4 POWER), SHALL BE SEPARATED FROM POWER CABLING WITH A SEPARATE CABLE TRAY OR BY A DIVIDER WITHIN A CABLE TRAY.
- BUSHINGS SHALL BE INSTALLED AT EACH END OF THE CONDUITS BEFORE CABLES BEING PULLED THROUGH. PROVIDE PULL STRING IN EACH CONDUIT INSTALLED AND LEAVE ONE FOR FUTURE PULLING AFTER CABLE INSTALLATION IS COMPLETE.
- NO NETWORK DATA CABLE RUN SHALL EXCEED 295 FEET IN TOTAL LENGTH INCLUDING UP/DOWN AND SERVICE LOOPS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT AND ENGINEER. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR PROPER PATHWAY PLANNING.

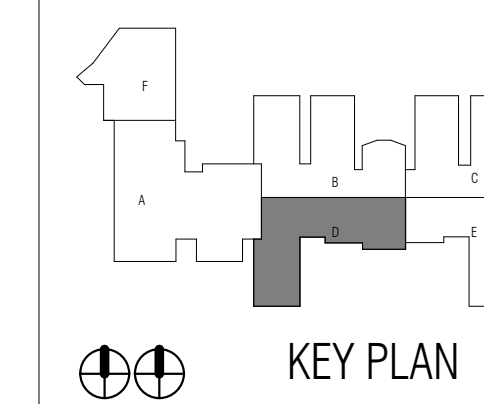
TECHNOLOGY KEYED NOTES

T5.16 CORRIDOR ZONE.



1 TECHNOLOGY PLAN - LEVEL ONE - UNIT C
 T22.11C 1/8" = 1'-0"





ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

GILE - TECHNOLOGY PLAN
 - UNIT D

SHEET NO.

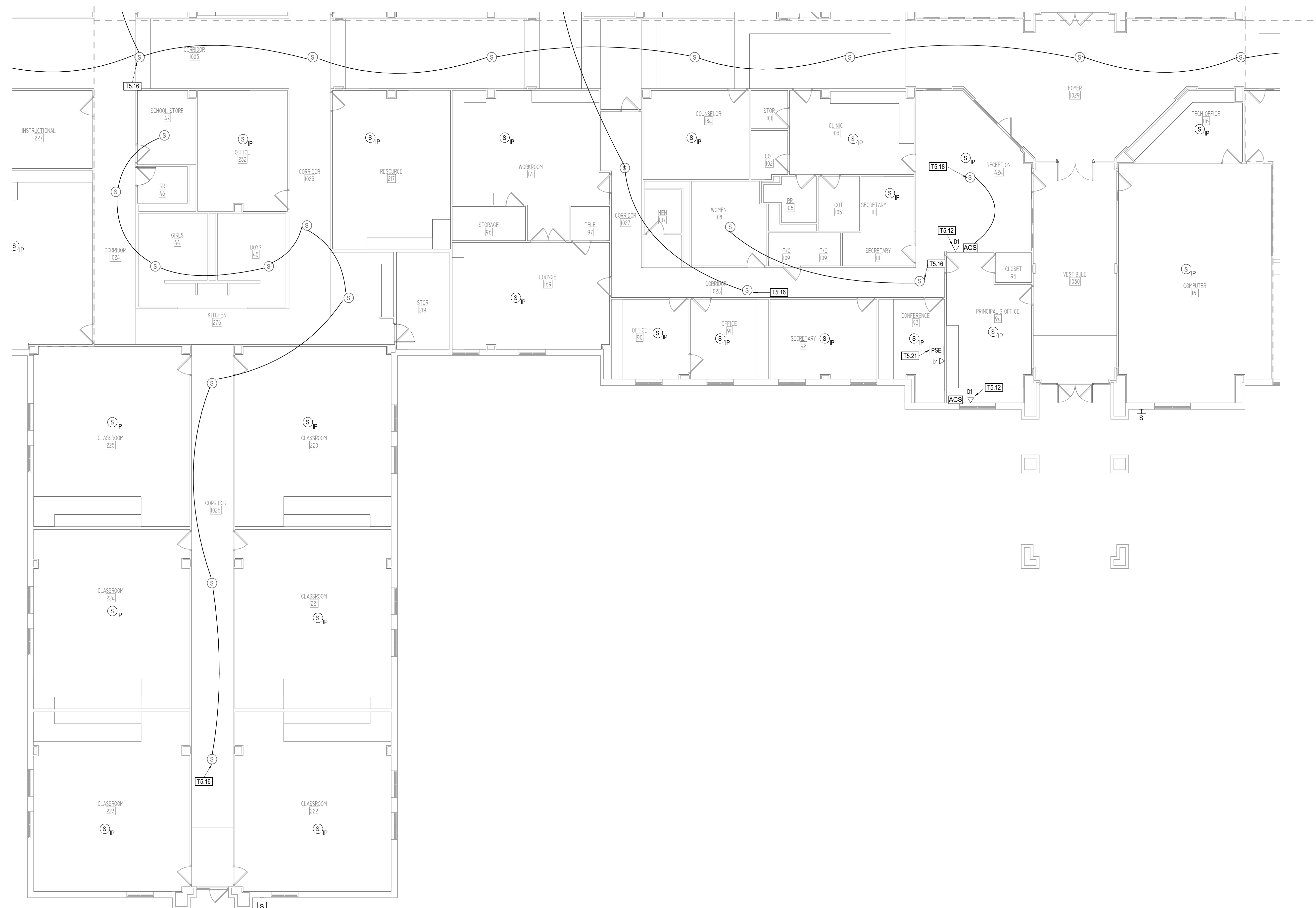
T22.11D

GENERAL FLOOR PLAN NOTES:

- ALL TECHNOLOGY DEVICES, OUTLETS AND CABLE/CONDUIT PATHWAYS SHOWN ARE DIAGNOSTIC ONLY AND ARE NOT MEANT TO SHOW THE EXACT LOCATION OR ROUTE. CONTRACTOR SHALL VERIFY WITH ARCHITECT AND OWNER FOR EXACT ROUTE, MOUNTING HEIGHT, AND LOCATION BEFORE INSTALLATION, AND SHALL COORDINATE WITH OTHER TRADES TO MAKE ANY FIELD ADJUSTMENTS AS NECESSARY TO AVOID COLLISIONS AND MEET THE PROJECT REQUIREMENTS.
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- BUSHINGS SHALL BE INSTALLED AT EACH END OF THE CONDUITS BEFORE CABLES BEING PULLED THROUGH. PROVIDE PULL STRING IN EACH CONDUIT INSTALLED AND LEAVE ONE FOR FUTURE PULLING AFTER CABLE INSTALLATION IS COMPLETE.
- NO NETWORK DATA CABLE RUN SHALL EXCEED 295 FEET IN TOTAL LENGTH INCLUDING UP/DOWN AND SERVICE LOOPS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT AND ENGINEER. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR PROPER PATHWAY PLANNING.

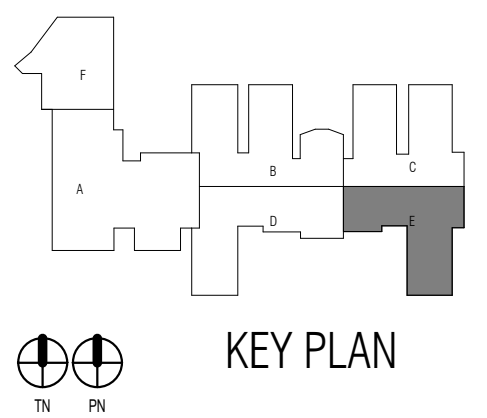
TECHNOLOGY KEYED NOTES

- T5.12 PROVIDE 1 NEW CAT 6 CABLE DEDICATED TO THE ADMIN CONTROL STATION. COORDINATE EXACT LOCATION.
- T5.16 CORRIDOR ZONE.
- T5.18 RECEPTION ZONE.
- T5.21 PROPOSED LOCATION OF PROGRAM SOURCE EQUIPMENT (PSE), VERIFY LOCATION WITH OWNER PRIOR TO INSTALL.



1 TECHNOLOGY PLAN - LEVEL ONE - UNIT D
 T22.11D 1/8" = 1'-0"





ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
DBR

Drawn By
DBR
Quality Control
Designer

PROJECT NO.
24-045.00

SHEET TITLE

GILE - TECHNOLOGY PLAN
- UNIT E

SHEET NO.

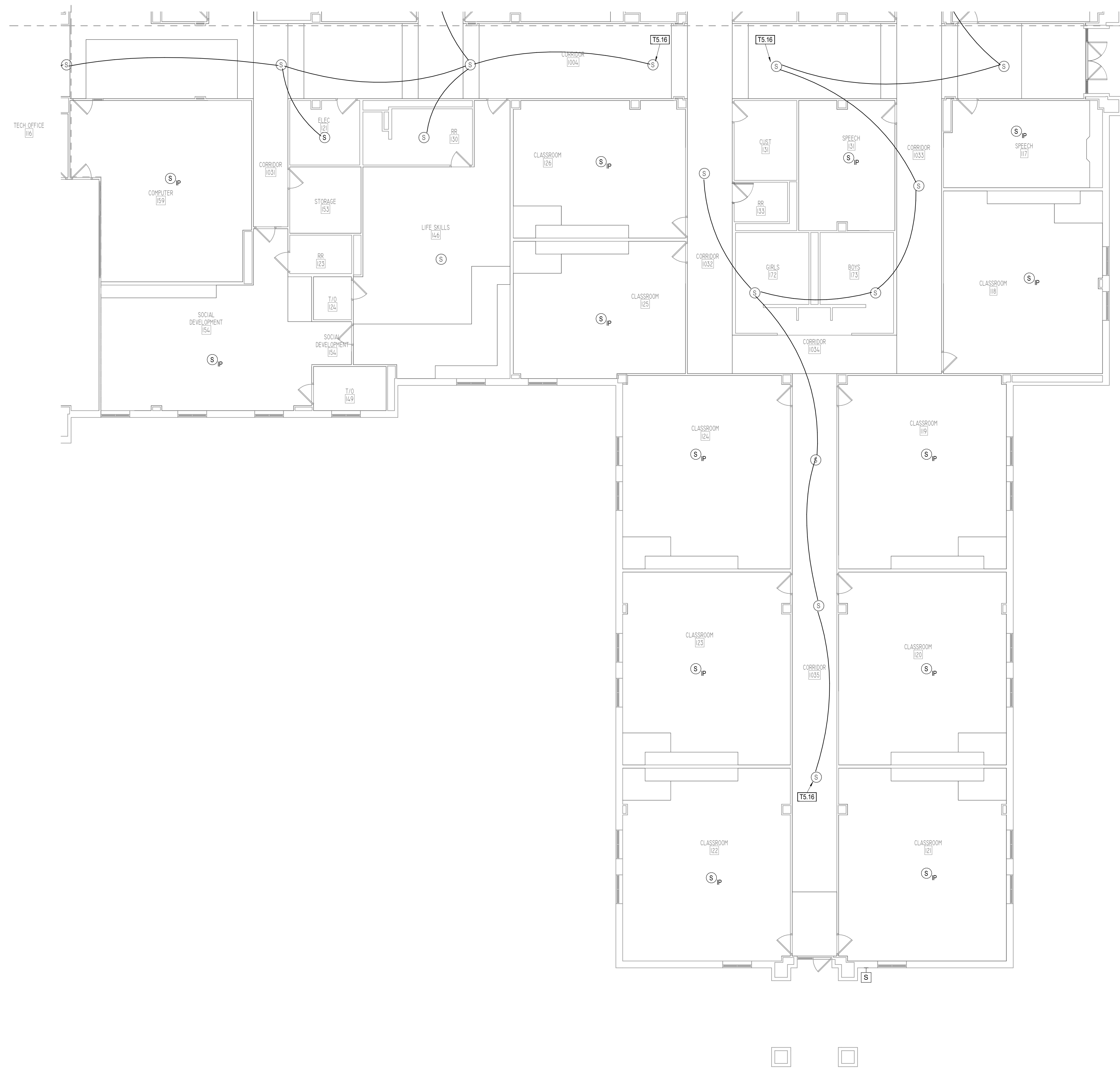
T22.11E

GENERAL FLOOR PLAN NOTES:

- ALL TECHNOLOGY DEVICES, OUTLETS AND CABLE/CONDUIT PATHWAYS SHOWN ARE DIAGNOSTIC ONLY AND ARE NOT MEANT TO SHOW THE EXACT LOCATION OR ROUTE. CONTRACTOR SHALL VERIFY WITH ARCHITECT AND OWNER FOR EXACT ROUTE, MOUNTING HEIGHT, AND LOCATION BEFORE INSTALLATION. AND SHALL COORDINATE WITH OTHER TRADES TO MAKE ANY FIELD ADJUSTMENTS AS NECESSARY TO AVOID COLLISIONS AND MEET THE PROJECT REQUIREMENTS.
- CONDUITS AND BACKBOXES, SIZED PER DIV 27/28 SPECIFICATIONS. SHALL BE PROVIDED (BY DIV 26) FOR ALL TECHNOLOGY SYSTEM DEVICES MOUNTED ON WALL, FLOOR, AND OPEN OR SOLID FINISH CEILING. CONDUITS/SLEEVES SHALL BE PROVIDED FOR ALL CABLES ROUTED IN WALLS, OR THROUGH FULL HEIGHT PARTITIONS, OR THROUGH INACCESSIBLE CEILING PLENUM, OR THROUGH SPACES WITH EXPOSED CEILING DECK.
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TECHNOLOGY KEYED NOTES

T5.16 CORRIDOR ZONE.



1 TECHNOLOGY PLAN - LEVEL ONE - UNIT E
 T22.11E 1/8" = 1'-0"



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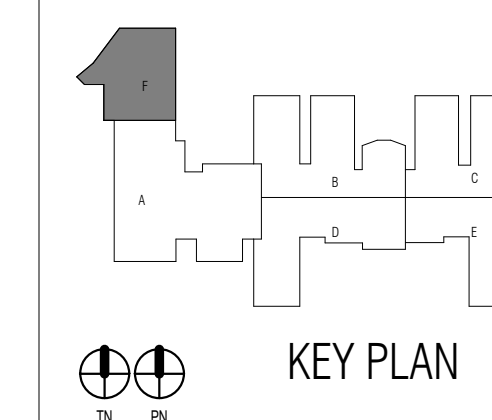
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CCISD PROJECT NO:
 2025.401

CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs - BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

GILE - TECHNOLOGY PLAN
 - UNIT F

SHEET NO.

T22.11F

GENERAL FLOOR PLAN NOTES:

- ALL TECHNOLOGY DEVICES, OUTLETS AND CABLE/CONDUIT PATHWAYS SHOWN ARE DIAGNOSTIC ONLY AND ARE NOT MEANT TO SHOW THE EXACT LOCATION OR ROUTE. CONTRACTOR SHALL VERIFY WITH ARCHITECT AND OWNER FOR EXACT ROUTE, MOUNTING HEIGHT, AND LOCATION BEFORE INSTALLATION, AND SHALL COORDINATE WITH OTHER TRADES TO MAKE ANY FIELD ADJUSTMENTS AS NECESSARY TO AVOID COLLISIONS AND MEET THE PROJECT REQUIREMENTS.
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- BUSHINGS SHALL BE INSTALLED AT EACH END OF THE CONDUITS BEFORE CABLES BEING PULLED THROUGH. PROVIDE PULL STRING IN EACH CONDUIT INSTALLED AND LEAVE ONE FOR FUTURE PULLING AFTER CABLE INSTALLATION IS COMPLETE.
- NO NETWORK DATA CABLE RUN SHALL EXCEED 295 FEET IN TOTAL LENGTH INCLUDING UP/DOWN AND SERVICE LOOPS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT AND ENGINEER. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR PROPER PATHWAY PLANNING.

TECHNOLOGY KEYED NOTES

T5.13 KITCHEN ZONE.



1 TECHNOLOGY PLAN - LEVEL ONE - UNIT F

1/8" = 1'-0"





ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
 Approver Author
 Designer Quality Control
 Designer
 Proj. Arch.
 Checker

PROJECT NO.

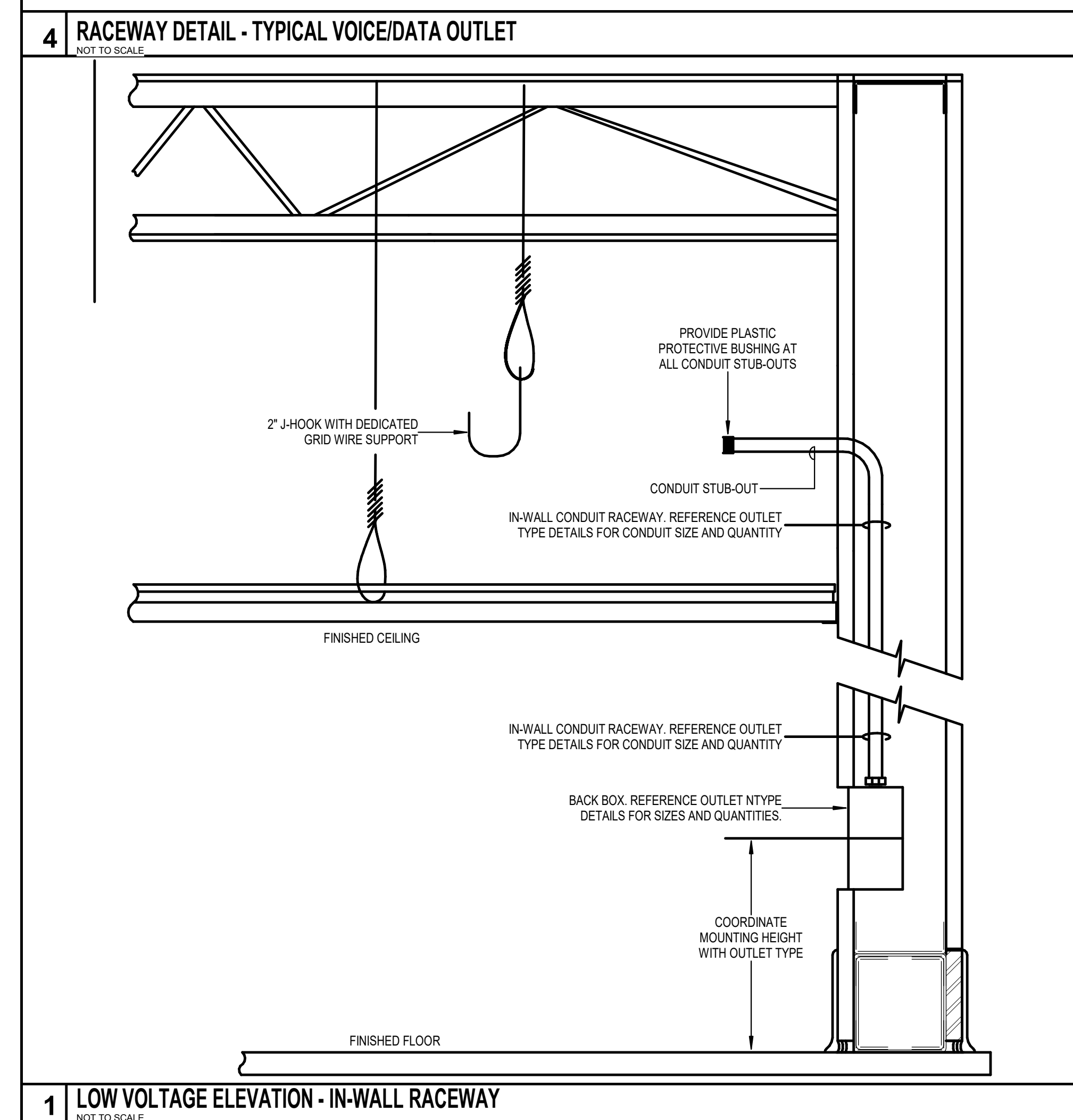
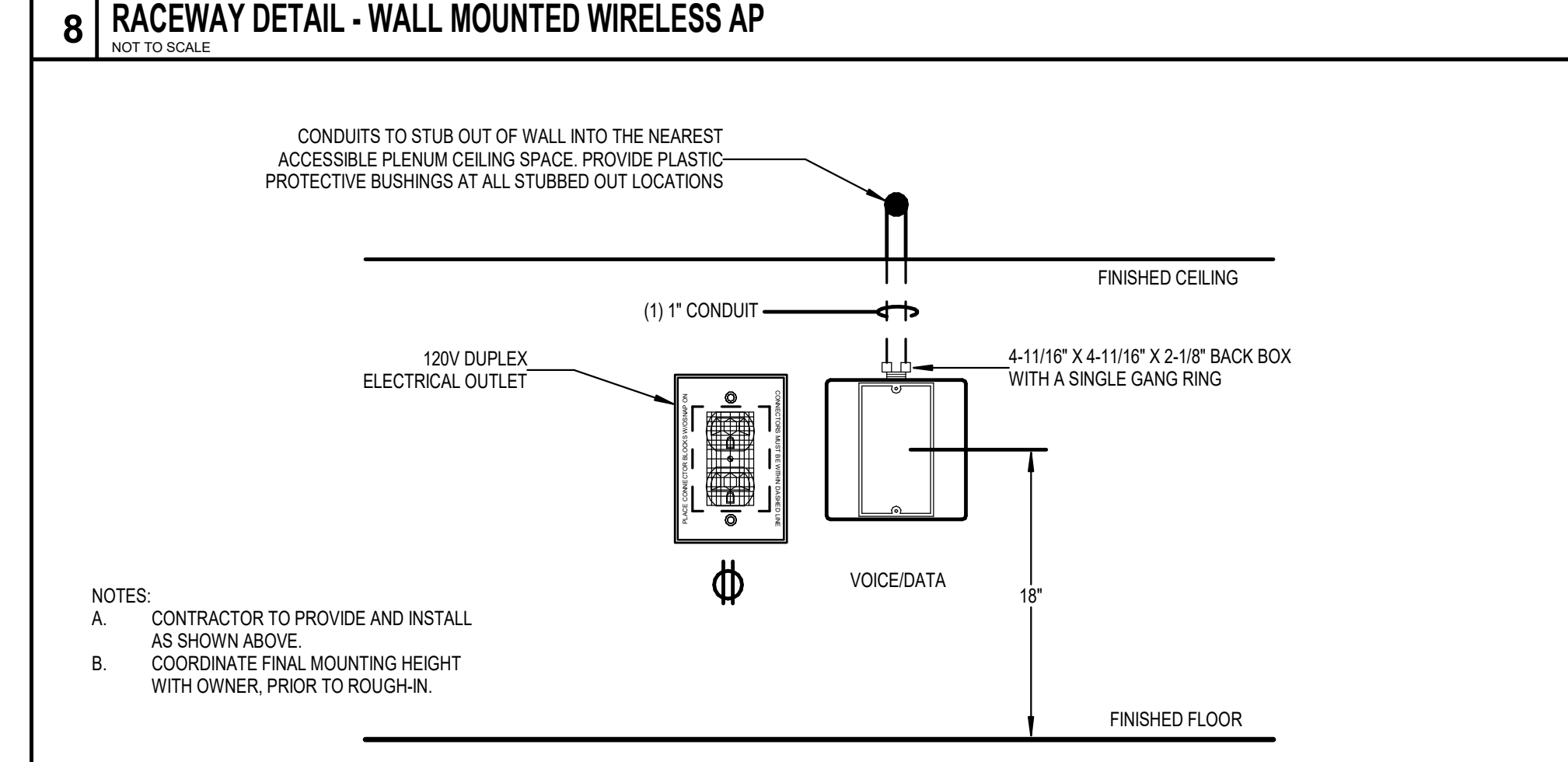
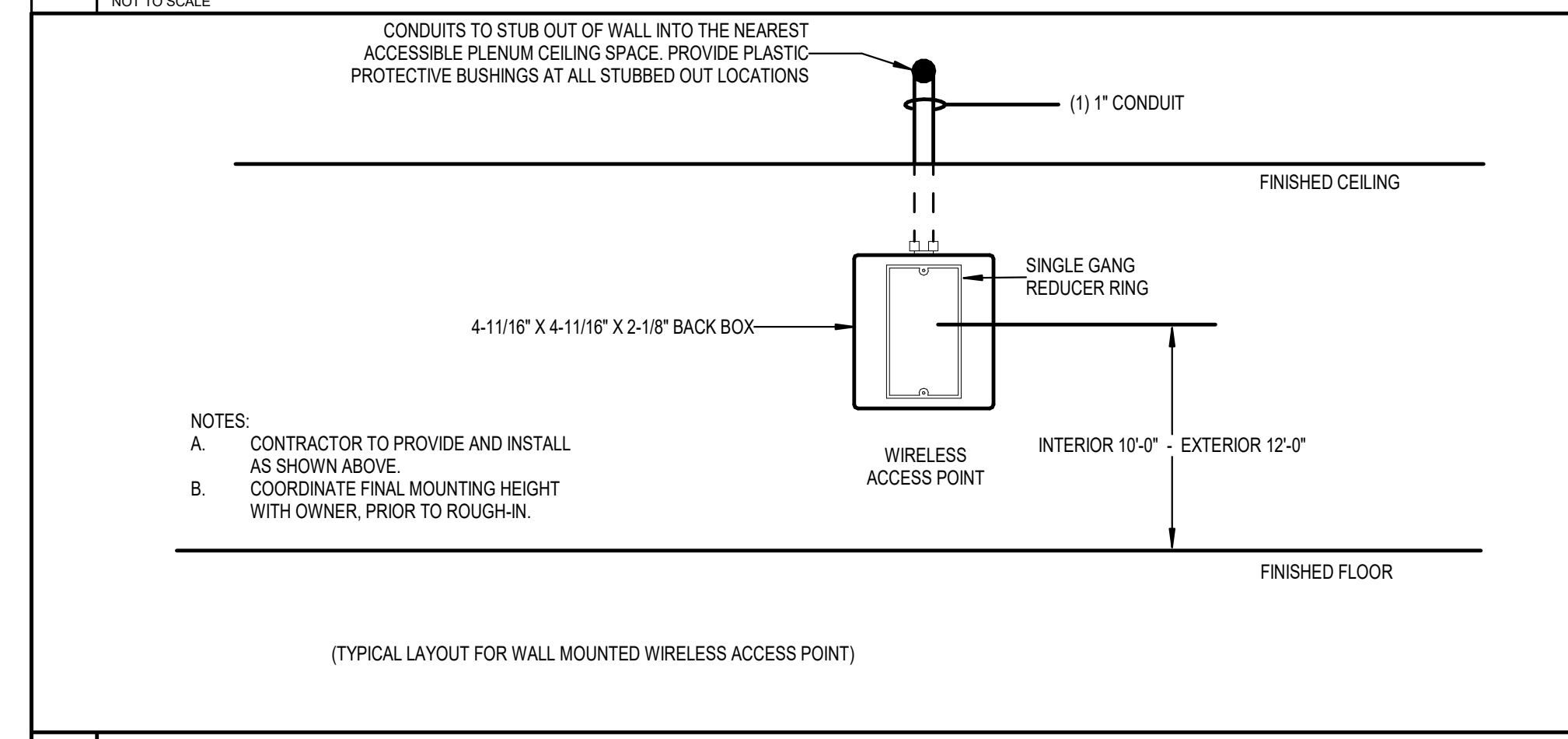
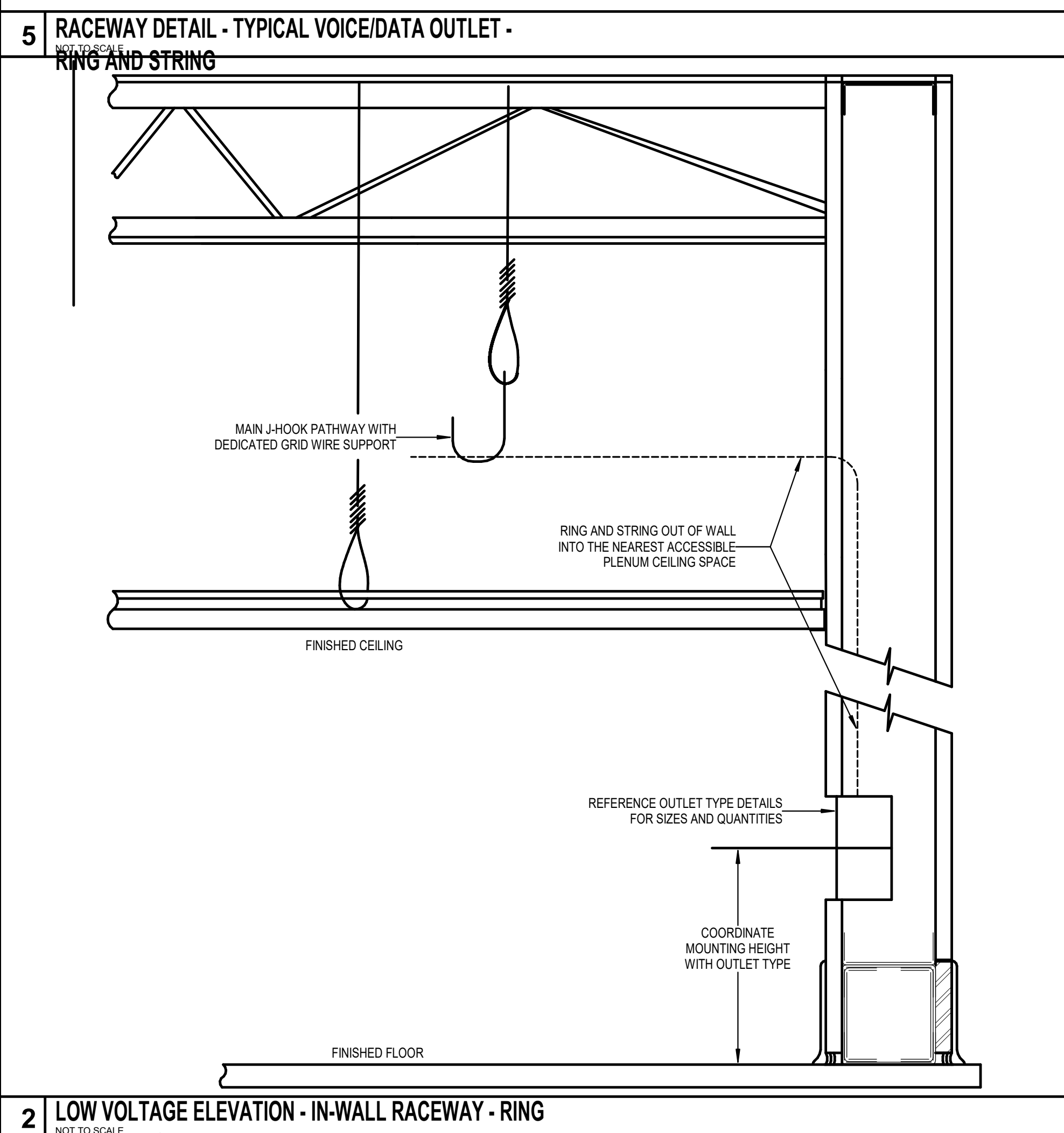
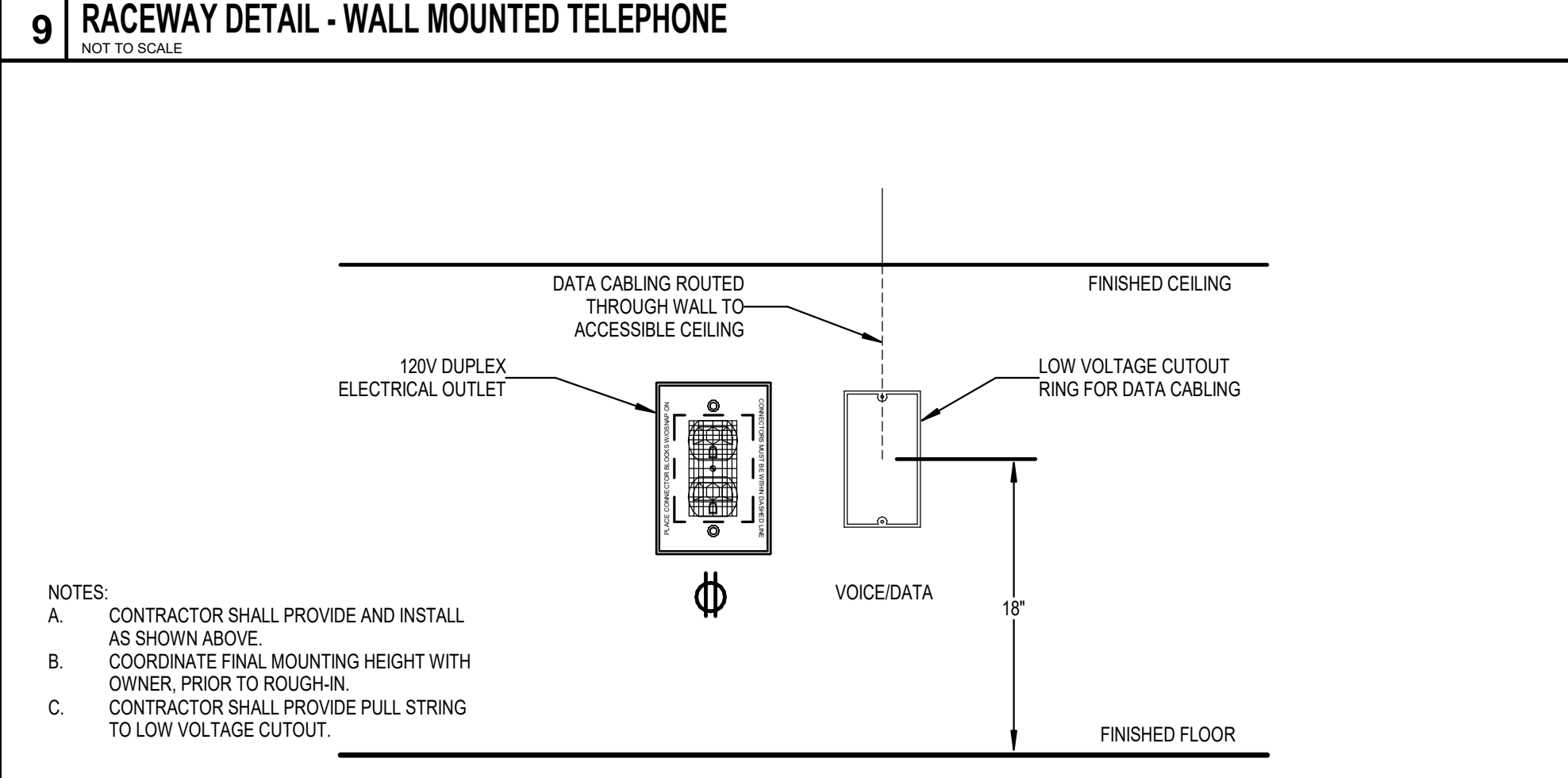
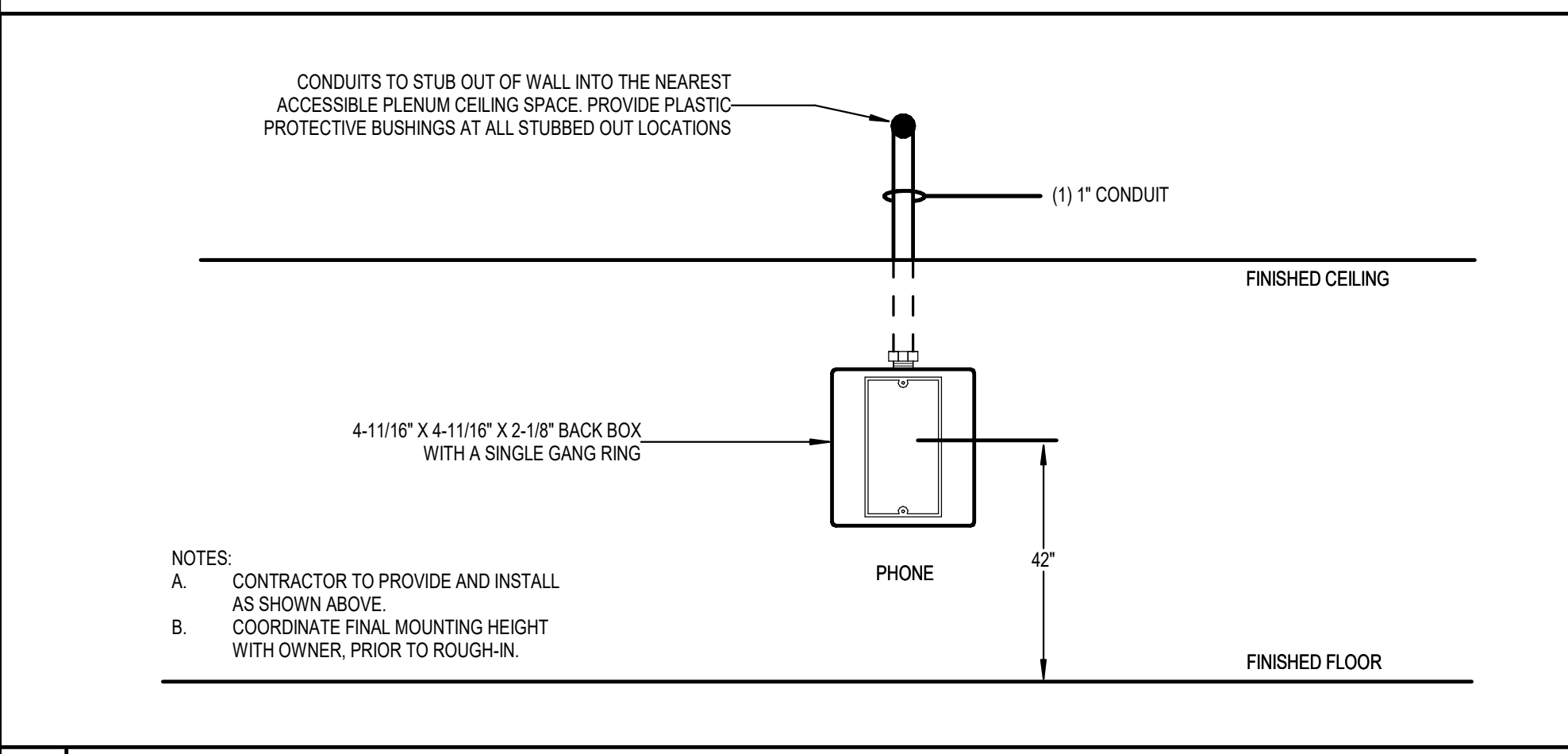
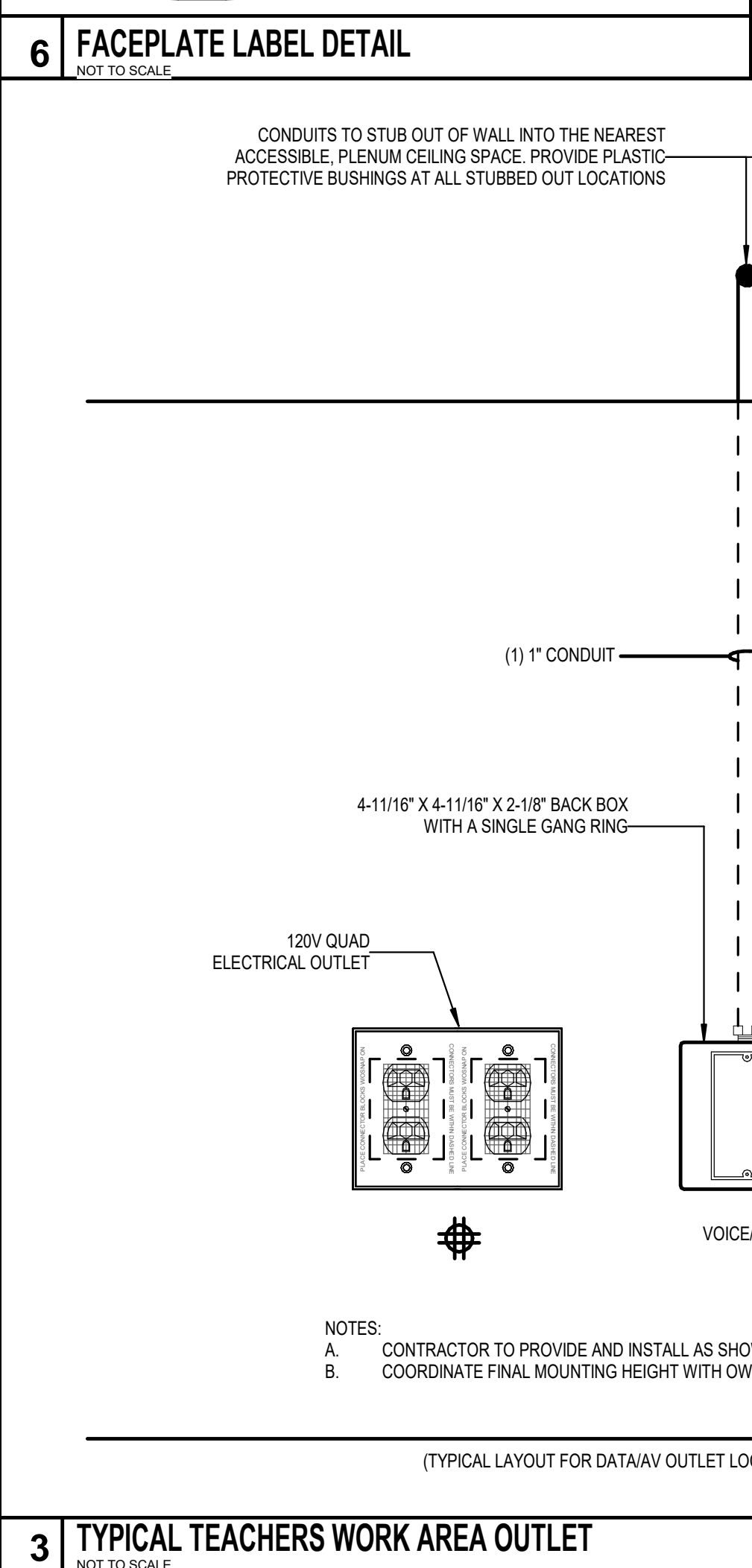
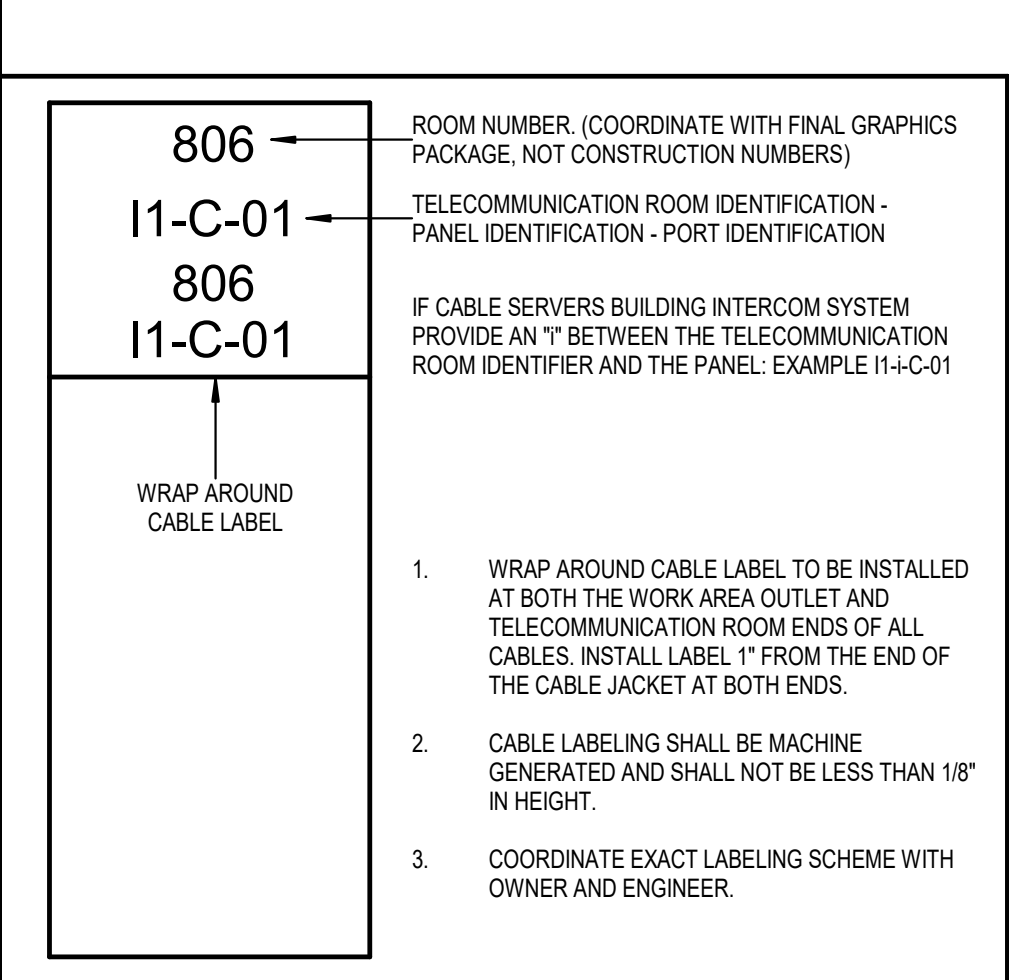
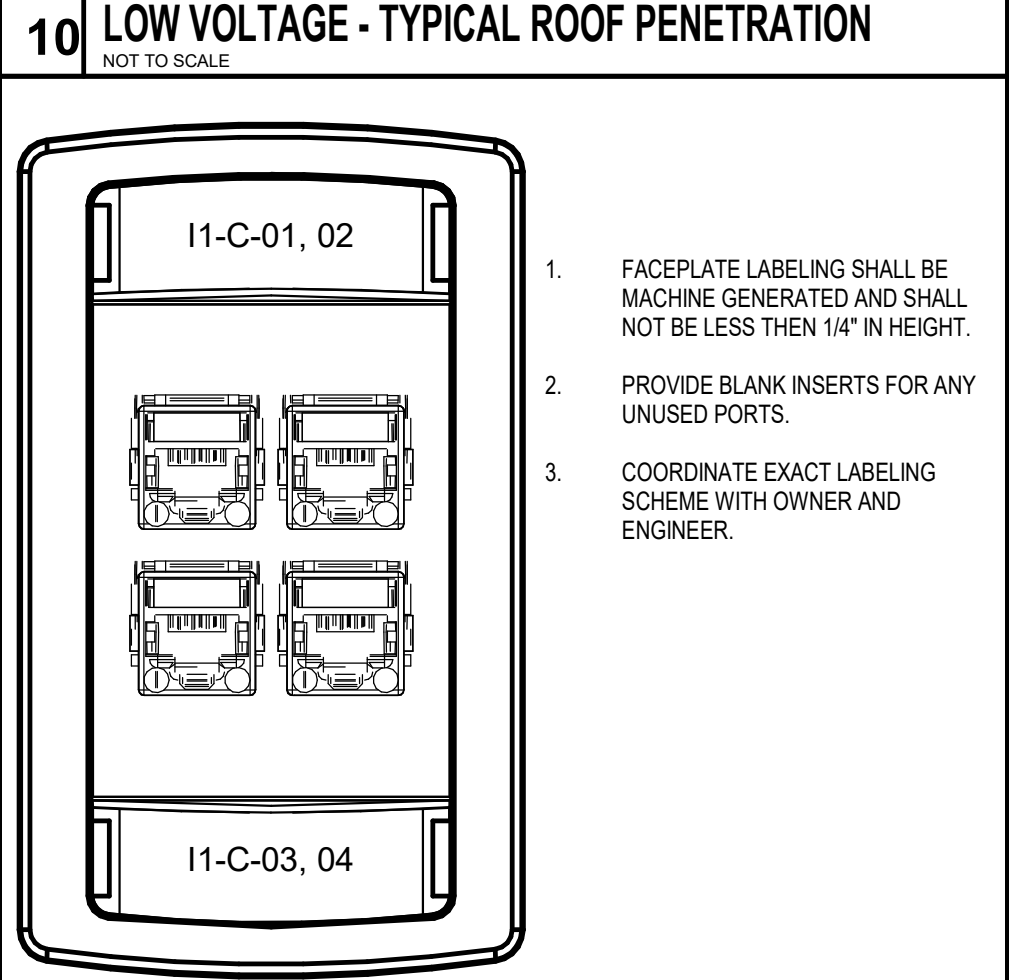
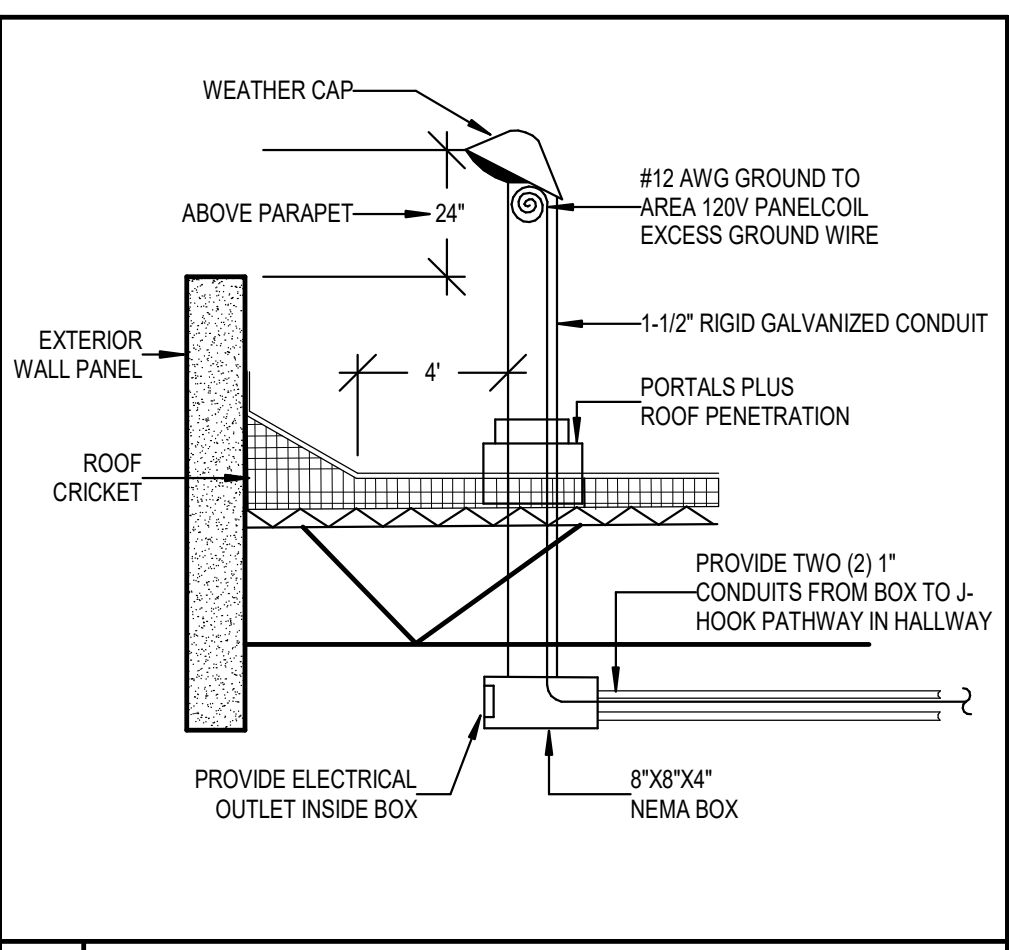
24-045.00

SHEET TITLE

GILE - TECHNOLOGY
 DETAILS

SHEET NO.

T26.01



1 LOW VOLTAGE ELEVATION - IN-WALL RACEWAY
 NOT TO SCALE

2 LOW VOLTAGE ELEVATION - IN-WALL RACEWAY - RING AND STRING
 NOT TO SCALE

3 TYPICAL TEACHERS WORK AREA OUTLET
 NOT TO SCALE

4 RACEWAY DETAIL - TYPICAL VOICE/DATA OUTLET
 NOT TO SCALE

5 RACEWAY DETAIL - TYPICAL VOICE/DATA OUTLET - RING AND STRING
 NOT TO SCALE

6 FACEPLATE LABEL DETAIL
 NOT TO SCALE

7 CABLE LABEL DETAIL
 NOT TO SCALE

8 RACEWAY DETAIL - WALL MOUNTED WIRELESS AP
 NOT TO SCALE

9 RACEWAY DETAIL - WALL MOUNTED TELEPHONE
 NOT TO SCALE

10 LOW VOLTAGE - TYPICAL ROOF PENETRATION
 NOT TO SCALE

11 AV WALLPLATE DETAIL
 NOT TO SCALE



WARNING:
 CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITY LINES BY CONTACTING "TEXAS 811" AT 811 OR 713-223-4567 AT LEAST 48 HOURS BEFORE YOU DIG, DRILL OR BLAST.
 EXISTING, WATER, SANITARY, GAS, ELECTRICAL, TELECOMMUNICATIONS AND ALL OTHER UTILITY LINES ARE SHOWN PER RECORD DRAWINGS. CONTRACTOR SHALL VERIFY LOCATION AT THE SITE PRIOR TO CONSTRUCTION.



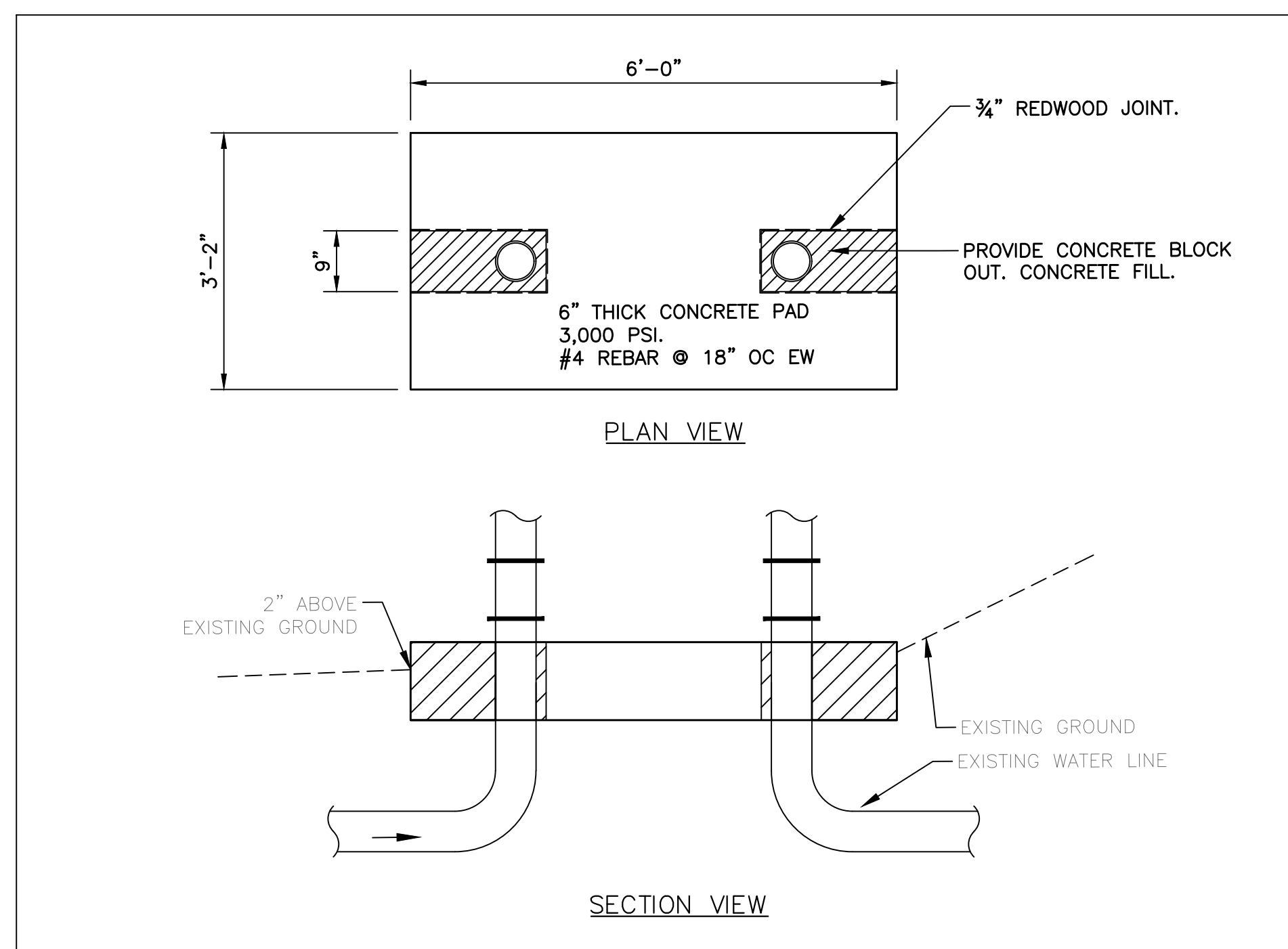
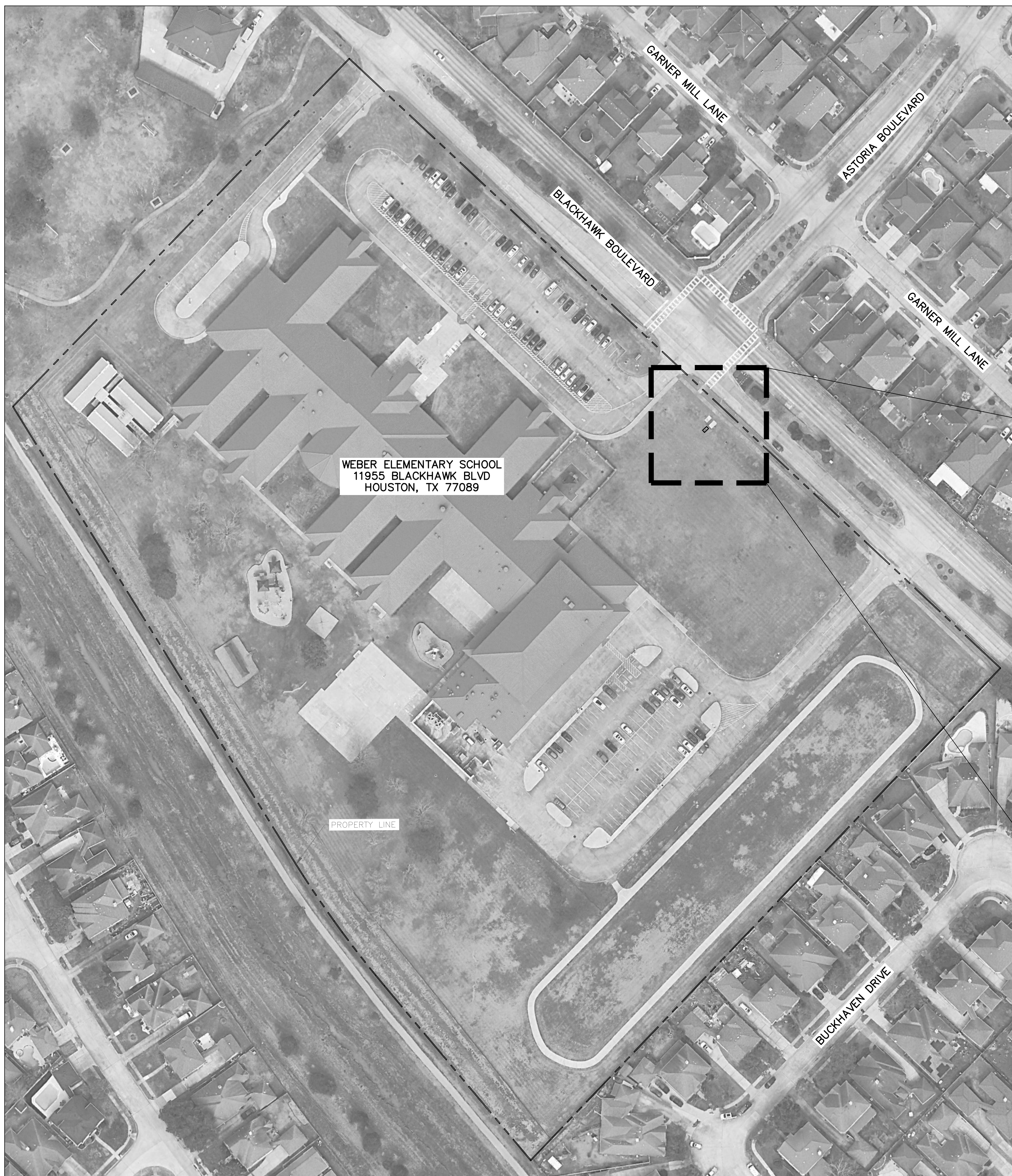
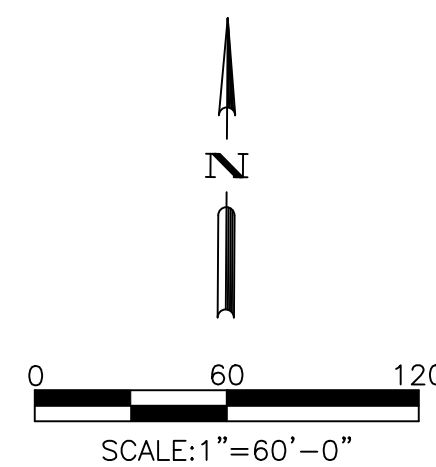
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CIVIL ENGINEER
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CLEAR CREEK I.S.D.
 HOUSTON, TEXAS

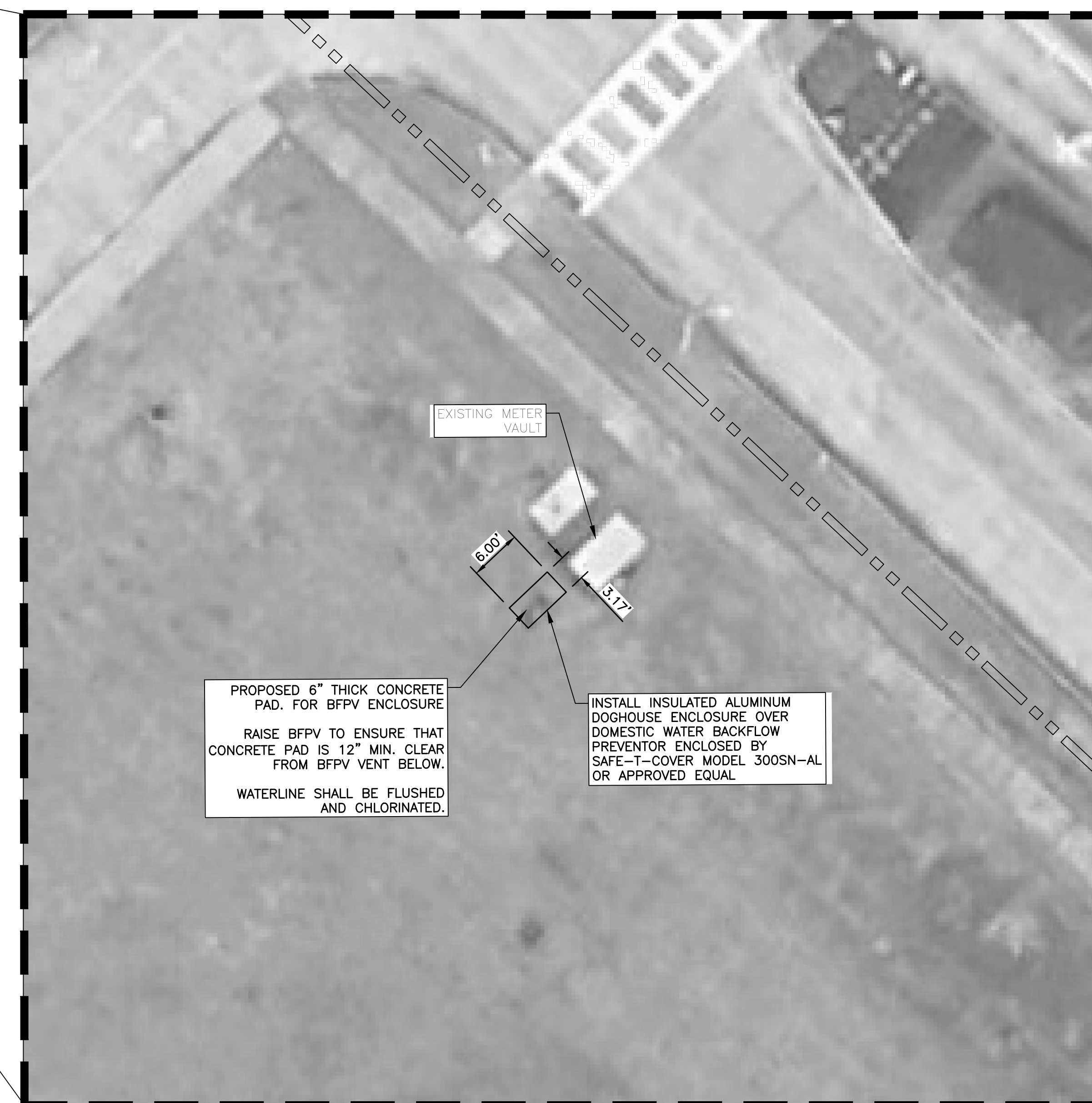
CCISD PROJECT
 NO. 2025.401

CCISD Priority Repairs - BAUE GILE WEBE



CONCRETE PAD FOR BACKFLOW PREVENTER

SCALE: NTS

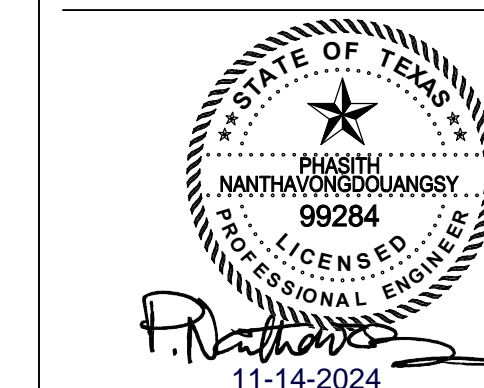


PROPOSED 6" THICK CONCRETE PAD, FOR BFPV ENCLOSURE
 RAISE BFPV TO ENSURE THAT CONCRETE PAD IS 12" MIN. CLEAR FROM BFPV VENT BELOW.
 WATERLINE SHALL BE FLUSHED AND CHLORINATED.

INSTALL INSULATED ALUMINUM DOGHOUSE ENCLOSURE OVER DOMESTIC WATER BACKFLOW PREVENTOR ENCLOSED BY SAFE-T-COVER MODEL 300SN-AL OR APPROVED EQUAL

PROPOSED ENCLOSURE FOR BACKFLOW PREVENTER

SCALE: 1"=10'-0"



ISSUED: NOVEMBER 14, 2024

REVISIONS

Revision No.

Director Drawn By
 DIR Designer Quality Control
 DSN QC
 Proj. Arch.
 PA

PROJECT NO.

24-045.00

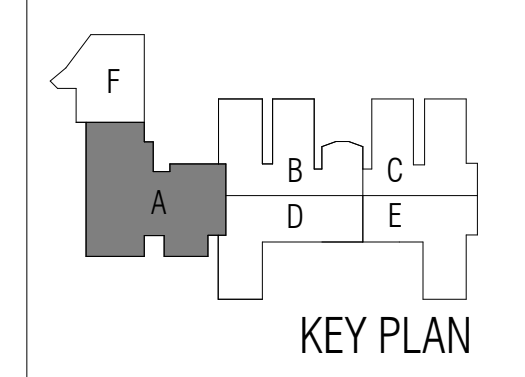
SHEET TITLE

WEBE - OVERALL SITE PLAN

SHEET NO.

C31.00

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11/14/2024

ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control
Designer
Checker

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - DEMO PLAN - UNIT A

SHEET NO.

A32.01A

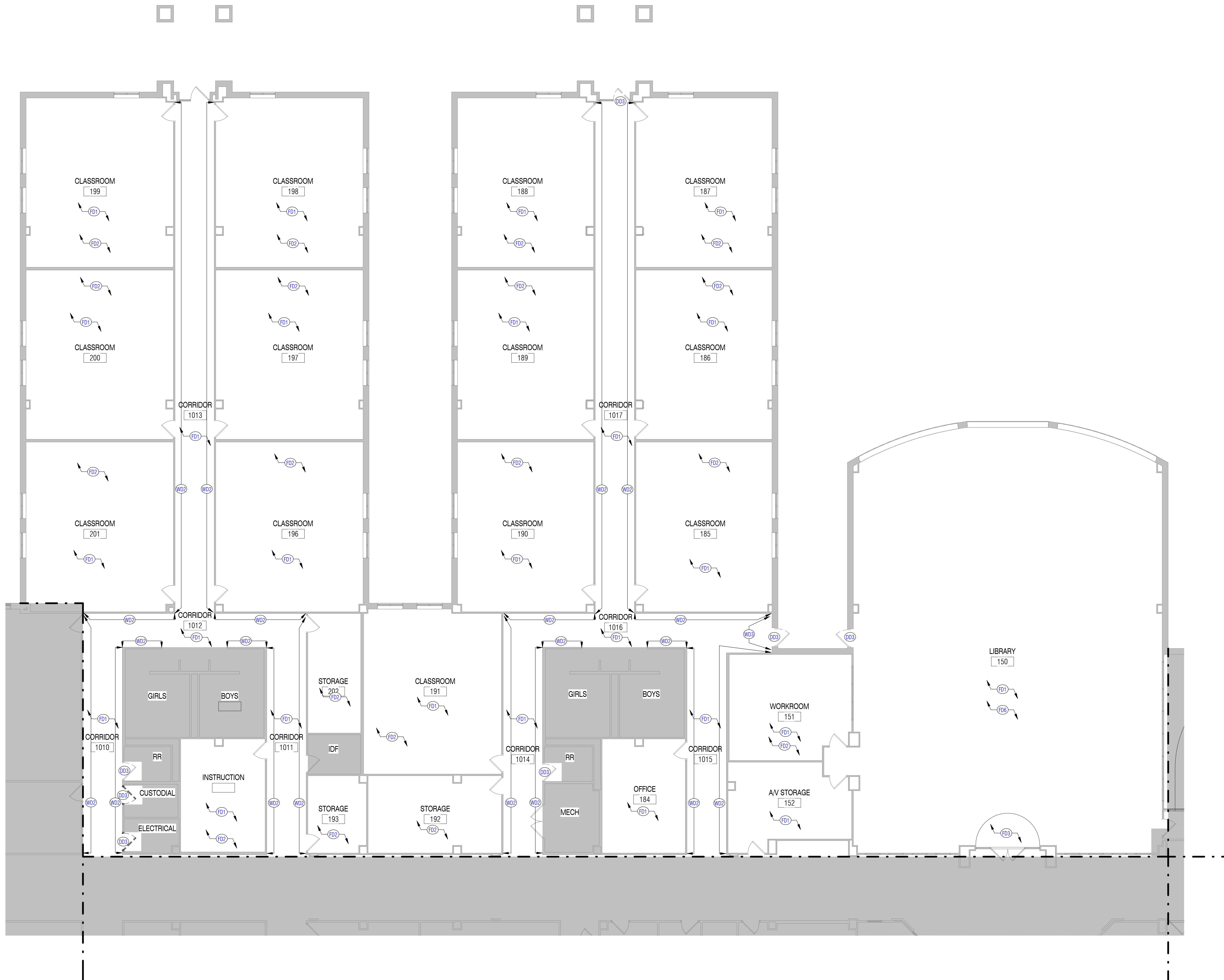
- DEMOLITION NOTES**
- Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction, unless noted otherwise.
 - Existing materials containing asbestos to be removed under separate contract prior to construction by Owner's asbestos abatement contractor.
 - Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
 - Protect items to remain from damage during demolition.
 - Repair or replace at no cost to the Owner any damages to the existing building and site as a result of construction activities.
 - Refer to electrical and mechanical demolition plan for additional information.
 - Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
 - GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
 - Floor finish to not impede existing drain cleanup.
 - Remove and reinstall metal shelving at same location prior to floor removal/installation.
 - Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.
 - Remove and reinstall all room signage if vinyl wallcovering is being installed.
 - GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.
- DEMOLITION LEGEND**
- NOT IN SCOPE

DEMOLITION KEYED NOTES

DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE. REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD3	PREP EXISTING HARDWOOD FLOORING FOR RESTAIN AND RESEAL.
MD1	REMOVE STAGE CURTAIN.
MD7	REMOVE EXISTING HANDRAIL. PREPARE WALL AND PLUG EXISTING HOLES AS NEEDED TO RECEIVE NEW HANDRAIL. REPAINT PATCHES.
MD9	REMOVE EXISTING KILN FOR PREPARATION OF NEW FLOORING. GC TO INSTALL IN EXACT LOCATION.
WD2	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. PREP FOR VINYL WALL COVERING FINISH. REMOVE AND REINSTALL ALL ROOM SIGNAGE.



1 FLOOR PLAN - DEMO - UNIT A
 SCALE: 1/8" = 1'-0"



1 FLOOR PLAN - DEMO - UNIT B
SCALE: 1/8" = 1'-0"

DEMOLITION NOTES

1. Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction, unless noted otherwise.
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6. Refer to electrical and mechanical demolition plan for additional information.
7. Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
8. GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
9. Floor finish to not impede existing drain cleanout.
10. Remove and reinstall metal shelving at same location prior to floor removal/installation.
11. Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.
12. Remove and reinstall all room signage if vinyl wallcovering is being installed.
13. GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND



DEMOLITION KEYED NOTES

DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE. REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD3	PREP EXISTING HARDWOOD FLOORING FOR RESTAIN AND RESEAL.
FD6	REMOVE AND REPLACE INTERIOR SHELVING FOR INSTALLATION OF SCHEDULED FLOOR FINISHES. SCHEDULED FLOORING TO NOT COVER EXISTING ELECTRICAL FLOOR OUTLETS.
WD2	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. PREP FOR VINYL WALL COVERING FINISH. REMOVE AND REINSTALL ALL ROOM SIGNAGE.
WD3	PREP GYP BD WALL AND/OR CEILING FURR DOWN TO RECEIVE NEW PAINT FINISH. PAINT AREAS AT HOLE PATCHES.

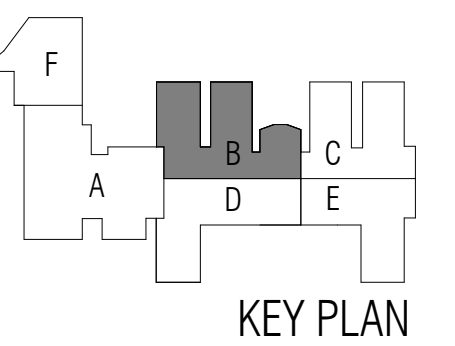


ARCHITECT

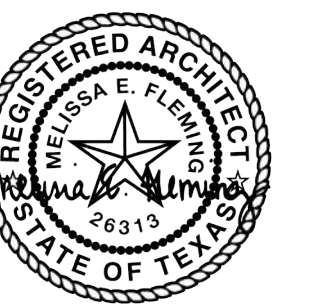
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CLEAR CREEK ISD
HOUSTON, TEXAS

CCISD PROJECT NO:
2025.401



CCISD Priority Repairs - BAUE GILE WEBE



11/14/2024

ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control
Checker

PROJECT NO.

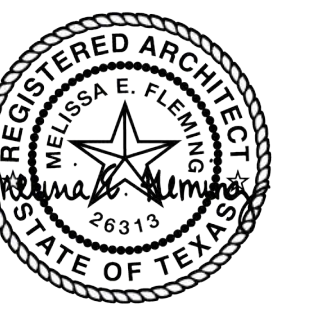
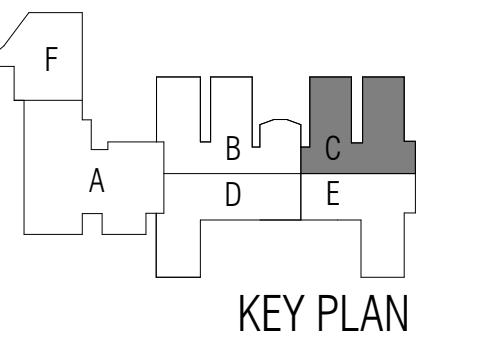
24-045.00

SHEET TITLE

WEBE - DEMO PLAN - UNIT B

SHEET NO.

A32.01B



11/14/2024

ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control
Checker

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - DEMO PLAN - UNIT C

SHEET NO.

A32.01C

DEMOLITION NOTES

1. Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction. Unless noted otherwise.
2. Existing materials containing asbestos to be removed under separate contract prior to construction by Owner's asbestos abatement contractor.
3. Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
4. Protect items to remain from damage during demolition.
5. Repair or replace at no cost to the Owner any damages to the existing building and site as a result of construction activities.
6. Refer to electrical and mechanical demolition plan for additional information.
7. Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
8. GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
9. Floor finish to not impede existing drain cleanout.
10. Remove and reinstall metal shelving at same location prior to floor removal/installation.
11. Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.
12. Remove and reinstall all room signage if vinyl wallcovering is being installed.
13. GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND



NOT IN SCOPE

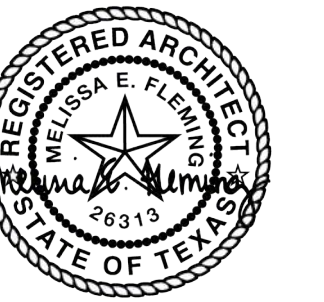
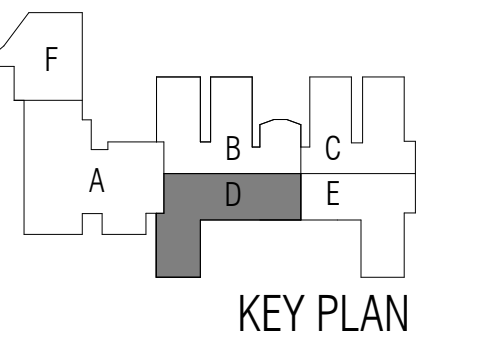
DEMOLITION KEYED NOTES

DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE. REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
WD2	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. PREP FOR VINYL WALL COVERING FINISH. REMOVE AND REINSTALL ALL ROOM SIGNAGE.



PLAN NORTH

1 FLOOR PLAN - DEMO - UNIT C
 SCALE: 1/8" = 1'-0"



11/14/2024

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REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control
Designer

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - DEMO PLAN - UNIT D

SHEET NO.

A32.01D

DEMOLITION NOTES

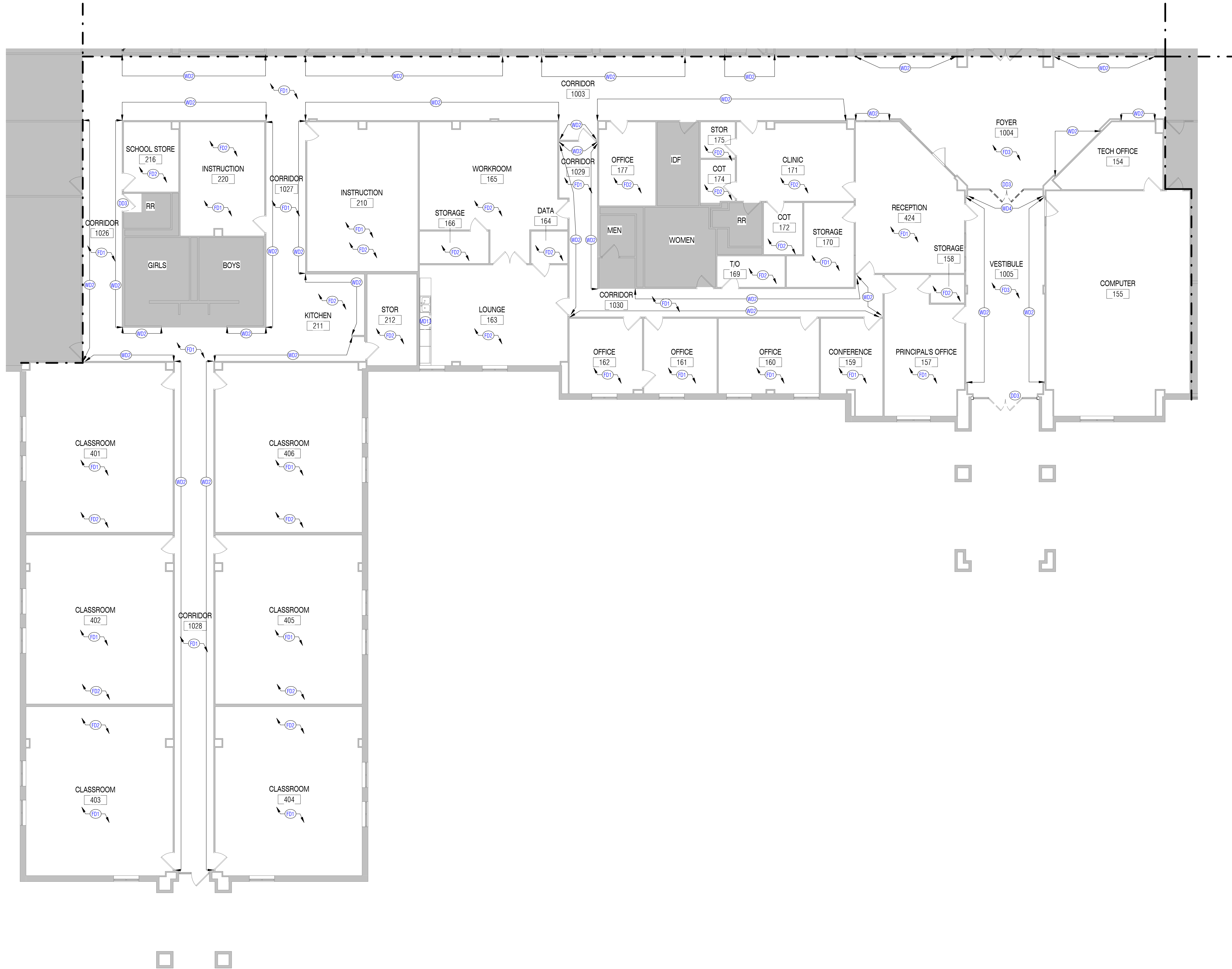
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- Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
- Protect items to remain from damage during demolition.
- Repair or replace at no cost to the Owner any damages to the existing building and site as a result of construction activities.
- Refer to electrical and mechanical demolition plan for additional information.
- Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
- GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
- Floor finish to not impede existing drain cleanout.
- Remove and reinstall metal shelving at same location prior to floor removal/installation.
- Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.
- Remove and reinstall all room signage if vinyl wallcovering is being installed.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND

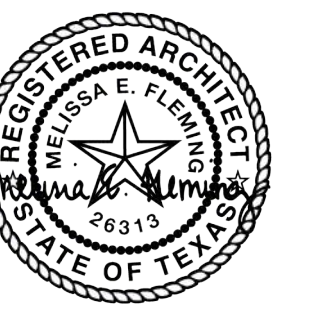
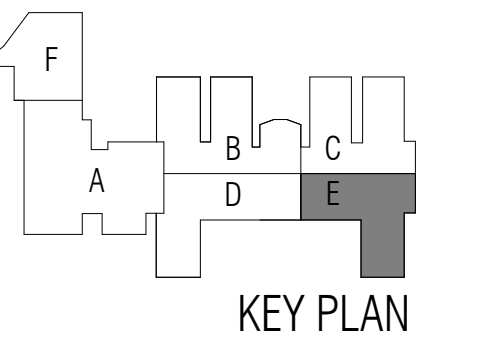


DEMOLITION KEYED NOTES

DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE. REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD3	PREP EXISTING HARDWOOD FLOORING FOR RESTAIN AND RESEAL.
MD13	REMOVE PORTION OF CASEWORK. PREP AREA FOR UNDERCOUNTER ICE MACHINE.
WD2	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. PREP FOR VINYL WALL COVERING FINISH. REMOVE AND REINSTALL ALL ROOM SIGNAGE.
WD4	PRESERVE AND PROTECT EXISTING WALL AND ARTWORK.



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



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Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

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24-045.00

SHEET TITLE

WEBE - DEMO PLAN - UNIT E

SHEET NO.

A32.01E

DEMOLITION NOTES

- Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction, unless noted otherwise.
- Existing materials containing asbestos to be removed under separate contract prior to construction by Owner's asbestos abatement contractor.
- Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
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- Remove and reinstall all room signage if vinyl wallcovering is being installed.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND



DEMOLITION KEYED NOTES

DD3	REMOVE EXISTING DOOR HARDWARE. RETURN TO OWNER. PREPARE DOOR AND PLUG EXISTING HOLES (IF NECESSARY) TO RECEIVE NEW HARDWARE. REF. DOOR SCHEDULE.
FD1	REMOVE EXISTING CARPET FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
WD2	TAPE AND FLOAT EXISTING DEMOUNTABLE PARTITION. PREP FOR VINYL WALL COVERING FINISH. REMOVE AND REINSTALL ALL ROOM SIGNAGE.



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

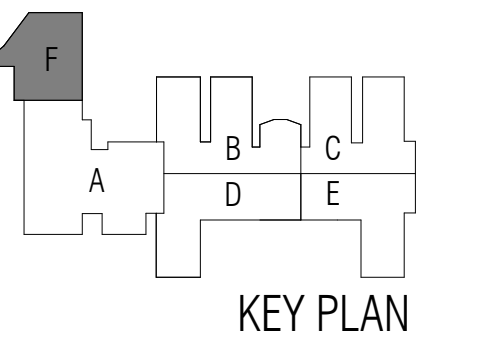
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CCISD PROJECT NO:
2025.401

CCISD PROJECT NO:
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CCISD Priority Repairs - BAUE GILE WEBE



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Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - DEMO PLAN - UNIT F

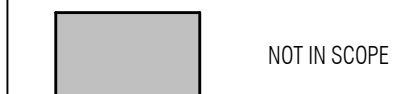
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A32.01F

DEMOLITION NOTES

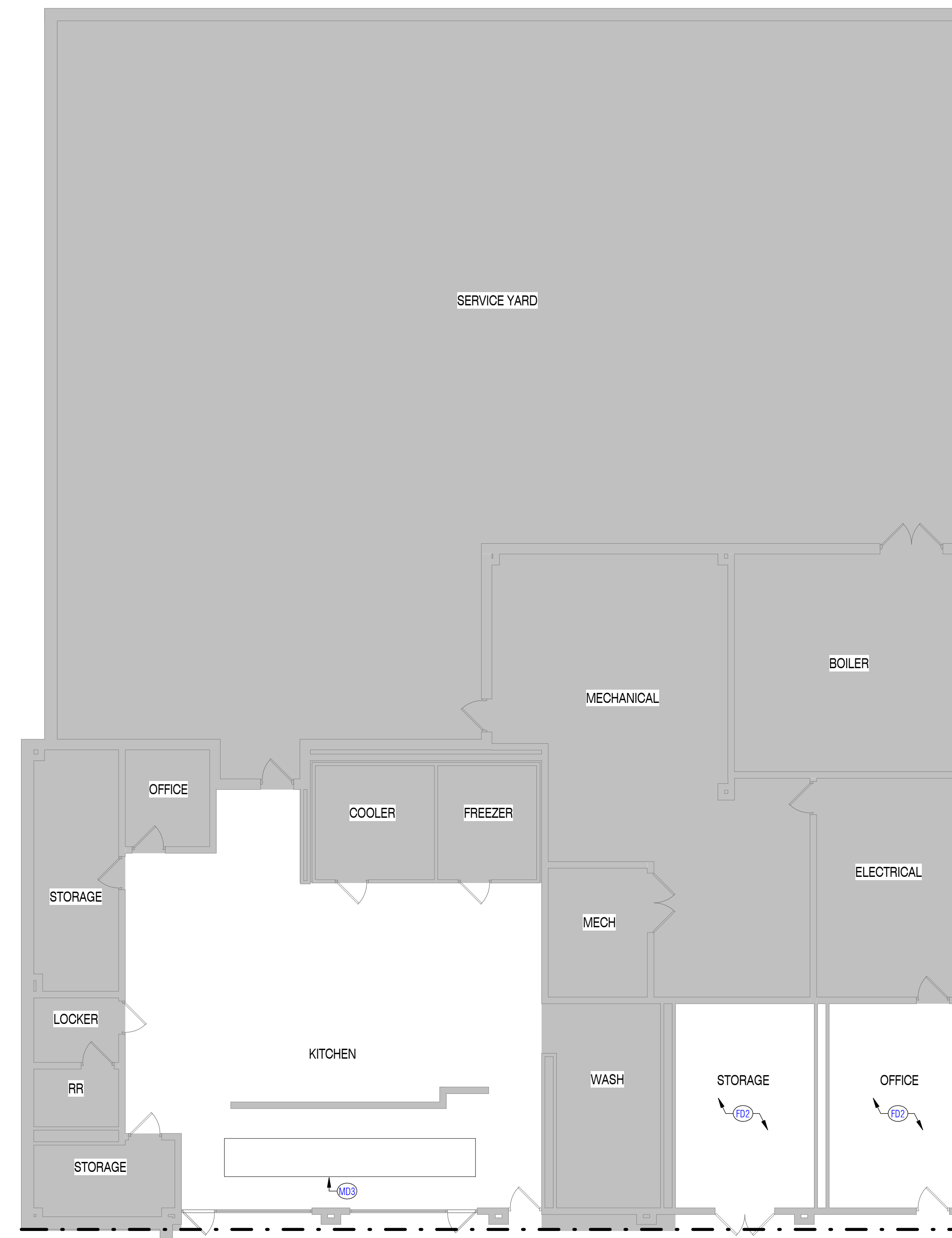
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13. GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

DEMOLITION LEGEND



DEMOLITION KEYED NOTES

FD2	REMOVE EXISTING VCT FINISH AND WALL BASE. PREPARE SLAB TO RECEIVE NEW FINISH.
MD3	REMOVE P-LAM FASCIA AND BACKERBOARD. PREP SERVING LINE TO RECEIVE NEW BACKERBOARD AND TILE FINISH.



1 FLOOR PLAN - DEMO - UNIT F
 SCALE: 1/8" = 1'-0"

ARCHITECT

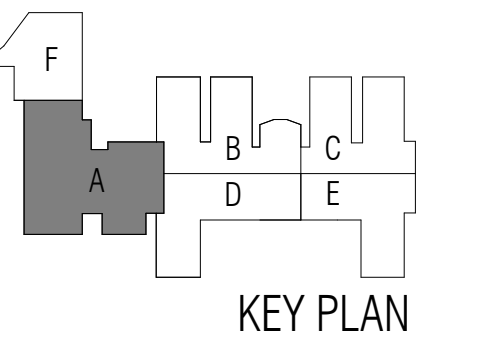
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CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A7	REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.



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Approver
Designer
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - ALTERNATE PLAN - UNIT A

SHEET NO.

A32.03A



1 FLOOR PLAN - ALTERNATE - UNIT A
 SCALE: 1/8" = 1'-0"

ALTERNATE KEYNOTES
 A7 REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.

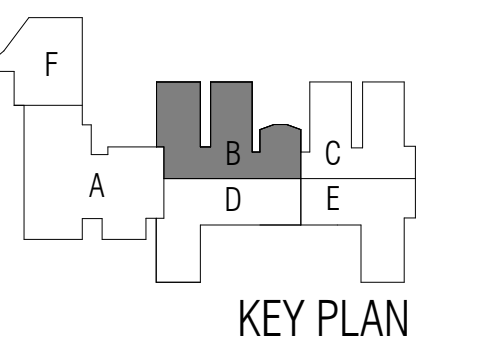


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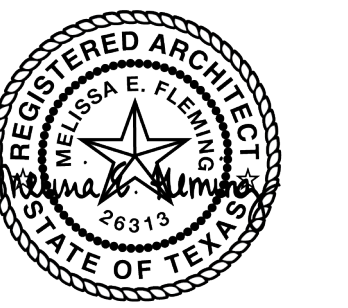
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CLEAR CREEK ISD
 HOUSTON, TEXAS

CCISD PROJECT NO:
 2025.401



CCISD Priority Repairs - BAUE GILE WEBE



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ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
 Approver
 Designer
 Designer
 Proj. Arch.
 Checker

Drawn By
 Author
 Quality Control

PROJECT NO.

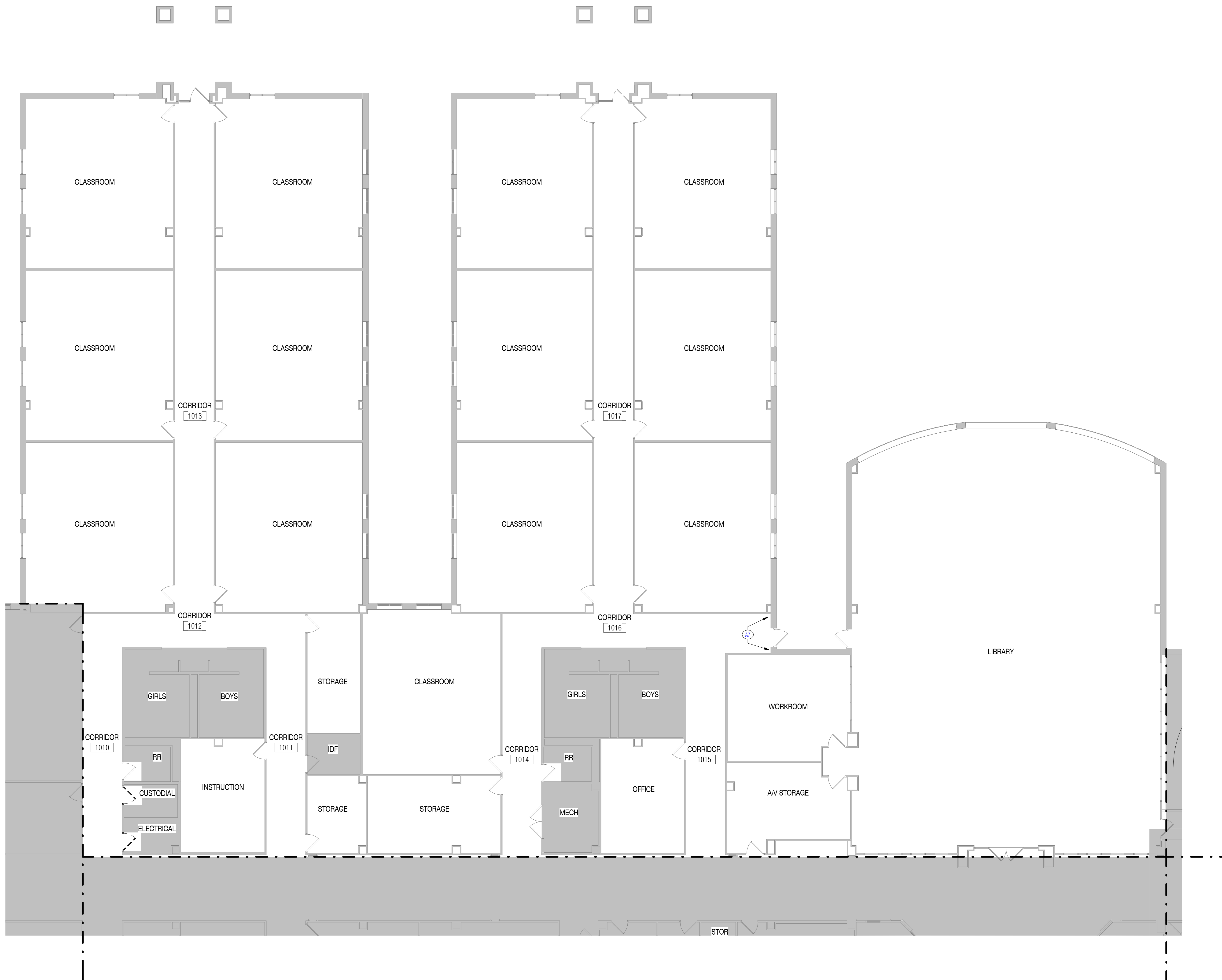
24-045.00

SHEET TITLE

WEBE - ALTERNATE PLAN -
 UNIT B

SHEET NO.

A32.03B



1 FLOOR PLAN - ALTERNATE - UNIT B
 SCALE: 1/8" = 1'-0"

ALTERNATE KEYNOTES
 A7 REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.



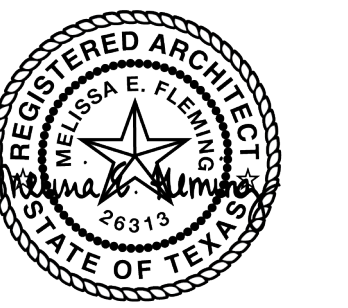
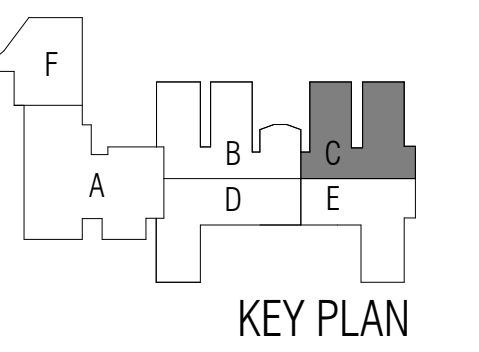
ARCHITECT

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CCISD Priority Repairs - BAUE GILE WEBE



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REVISIONS

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Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

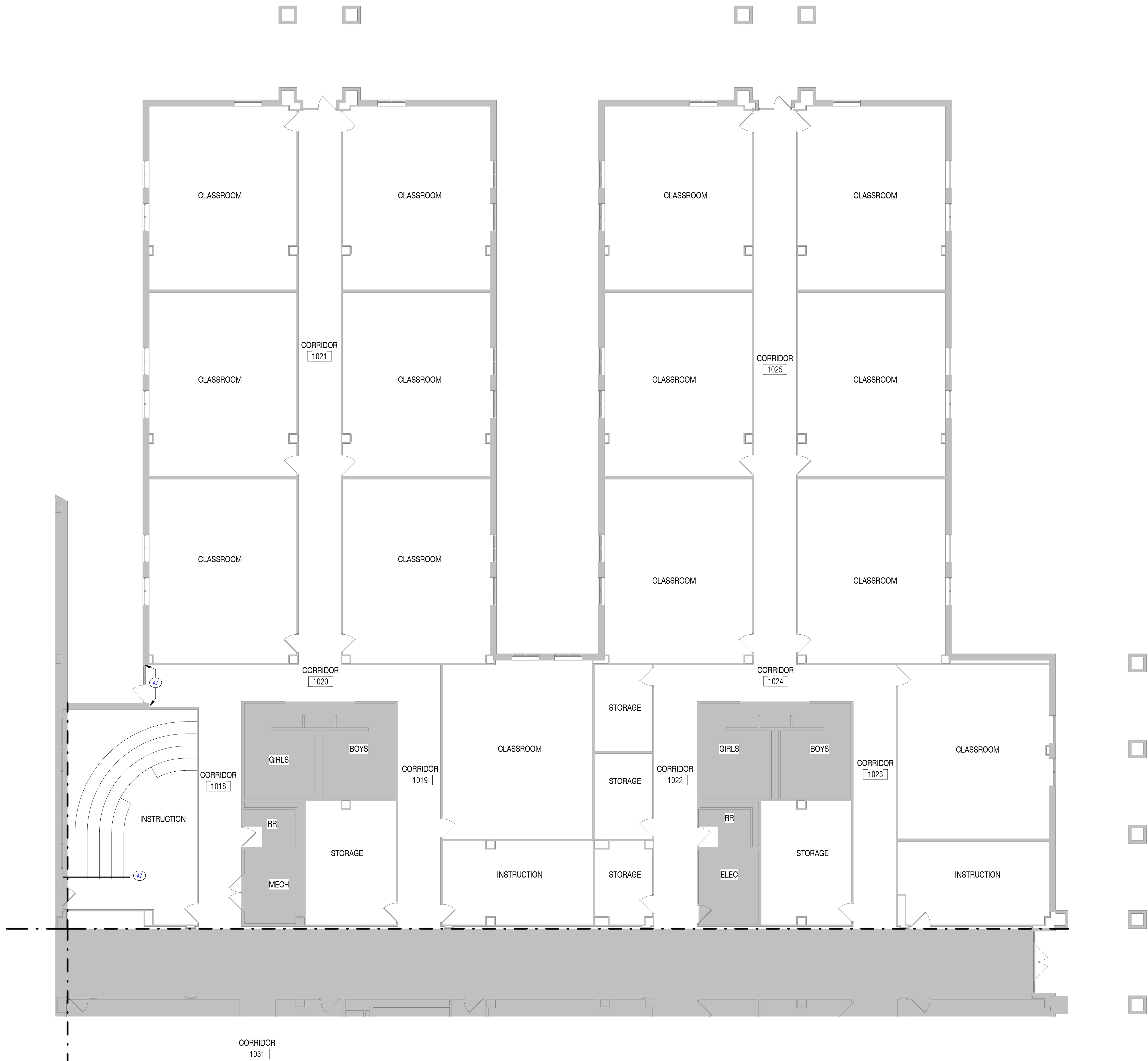
24-045.00

SHEET TITLE

WEBE - ALTERNATE PLAN - UNIT C

SHEET NO.

A32.03C



1 FLOOR PLAN - ALTERNATE - UNIT C
 SCALE: 1/8" = 1'-0"



PLAN NORTH

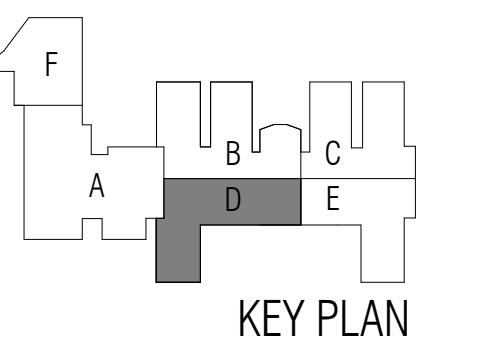
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CLEAR CREEK ISD
 HOUSTON, TEXAS

CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs - BAUE GILE WEBE



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REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - ALTERNATE PLAN - UNIT D

SHEET NO.

A32.03D

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A4	TILE WAINSCOT AT FRONT AND LIBRARY ENTRY. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. REMOVE WOOD CHAIR RAILING EDGING. REMOVE AND REINSTALL SHELVING IF NEEDED. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A7	REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.



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

ALTERNATE KEYNOTES	
A3	TILE WAINSCOT THROUGHOUT MAIN CORRIDOR. REMOVE AND REINSTALL ALL FIXED EQUIPMENT AND FURNITURE AT PARTITIONS SCHEDULED TO RECEIVE INSTALLATION OF WAINSCOT. IF WAINSCOT IS ACCEPTED THEN CORNER GUARDS ARE TO BE OMITTED FROM SCOPE OF WORK.
A7	REPAINT THROUGHOUT, INCLUDING HANDRAILS AND EXPOSED STRUCTURE.



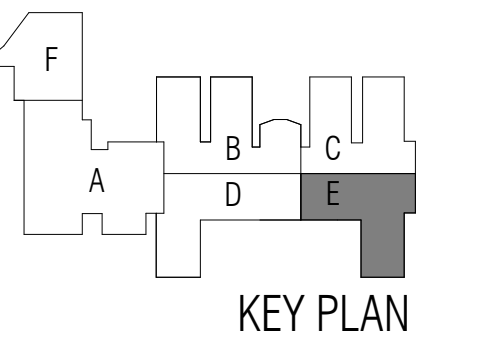
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CLEAR CREEK ISD
 HOUSTON, TEXAS

CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs - BAUE GILE WEBE



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REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - ALTERNATE PLAN - UNIT E

SHEET NO.

A32.03E



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

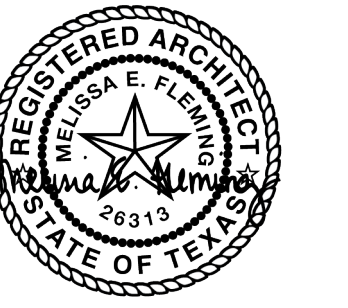
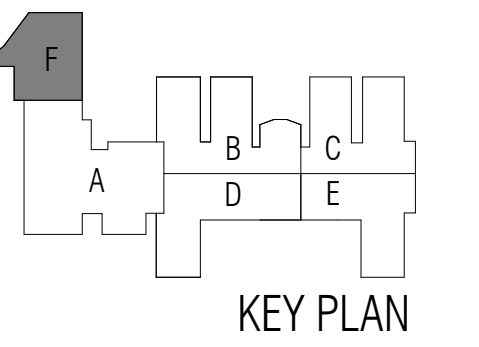
ARCHITECT

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HOUSTON, TEXAS

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



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ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Approver
Designer Designer
Proj. Arch. Proj. Arch.
Checker Checker

PROJECT NO.

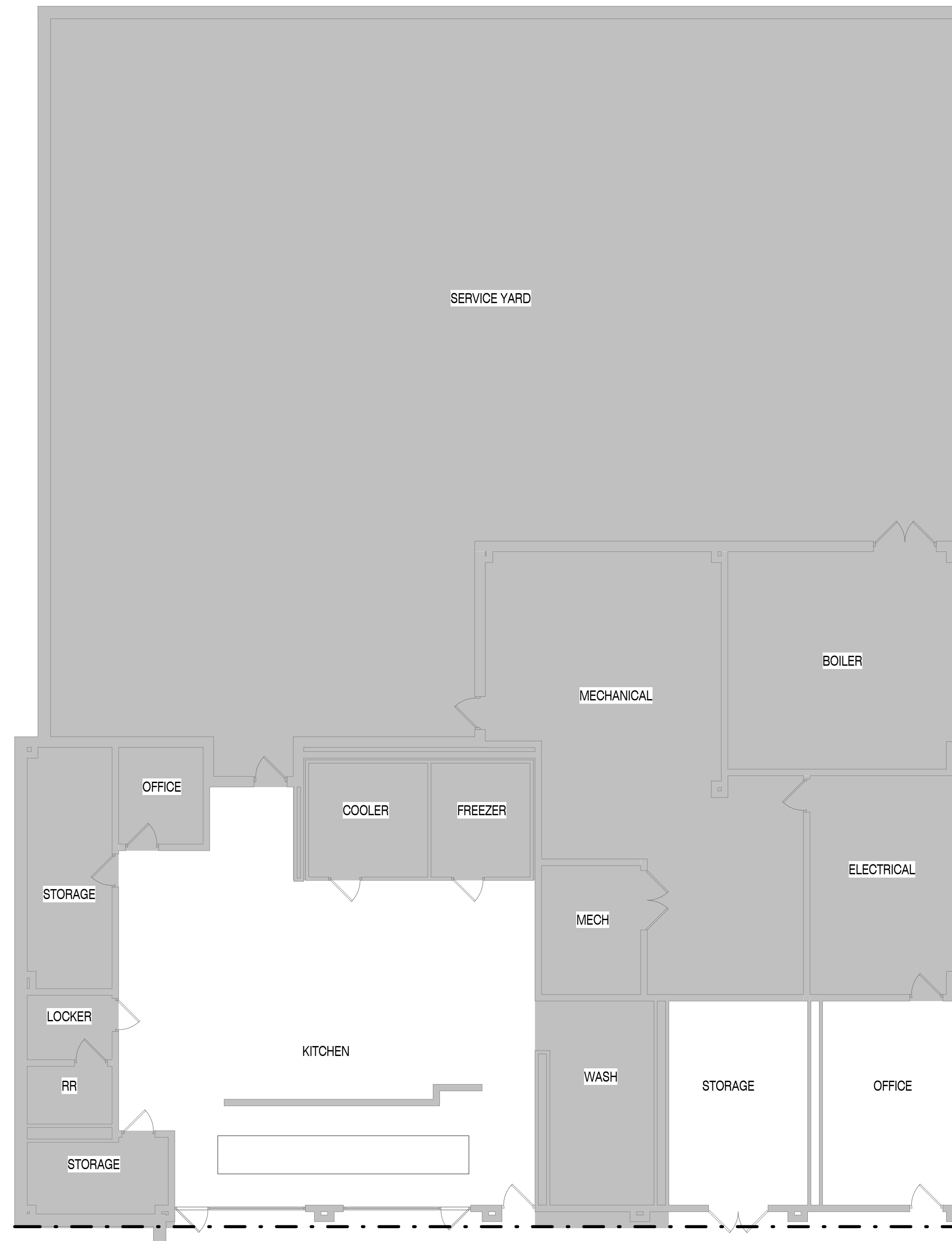
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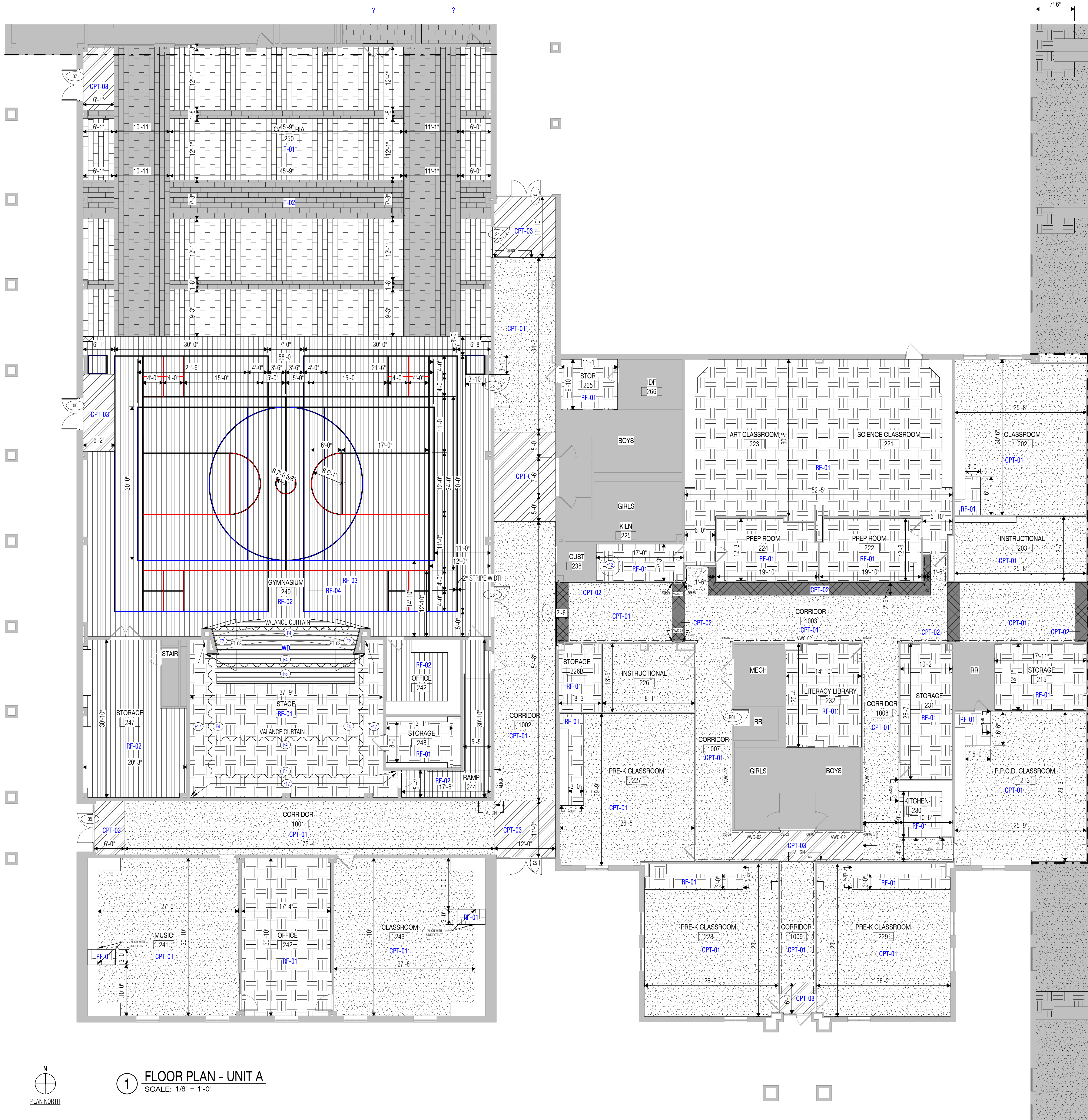
WEBE - ALTERNATE PLAN -
UNIT F

SHEET NO.

A32.03F



1 FLOOR PLAN - ALTERNATE - UNIT F
SCALE: 1/8" = 1'-0"



FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	C0-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

	T	TILE - WAINSCOT (TILE SIZE)
	CG	CORNER GUARD
	PT	PAINT
	---	TAPE AND FLOAT VWC-01 U.N.O.

FLOOR PLAN LEGEND

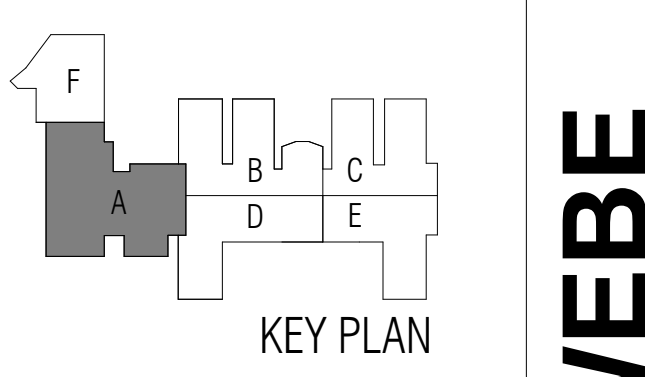
	NOT IN SCOPE
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FLOOR PLAN KEYED NOTES

F2	STAINLESS STEEL HANDRAIL
F4	STAGE CURTAINS
F8	WOOD TO BE REFINISHED, STAINED, AND SEALED
F12	EXISTING KILN
F17	BC-02 AT STAGE EXTENTS.



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REVISIONS

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Director Drawn By
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 Designer Quality Control
 Designer
 Proj. Arch.
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PROJECT NO.

24-045.00

SHEET TITLE

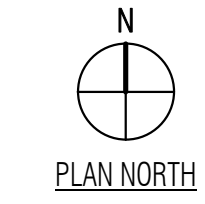
WEBE - FLOOR PLAN - UNIT A

SHEET NO.

A32.11A

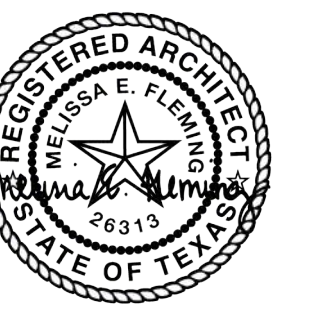
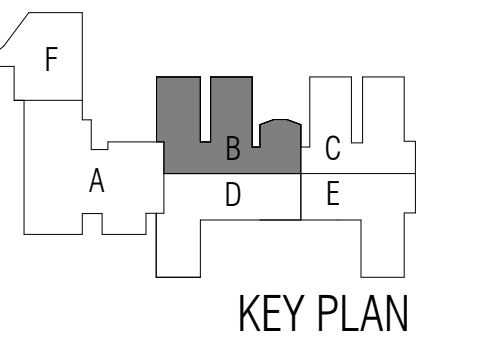
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1 FLOOR PLAN - UNIT A
 SCALE: 1/8" = 1'-0"



CCISD PROJECT NO: 2025.401

CCISD Priority Repairs - BAUE GILE WEBE



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 Designer Quality Control
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SHEET TITLE

WEBE - FLOOR PLAN - UNIT
 B

SHEET NO.

A32.11B

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

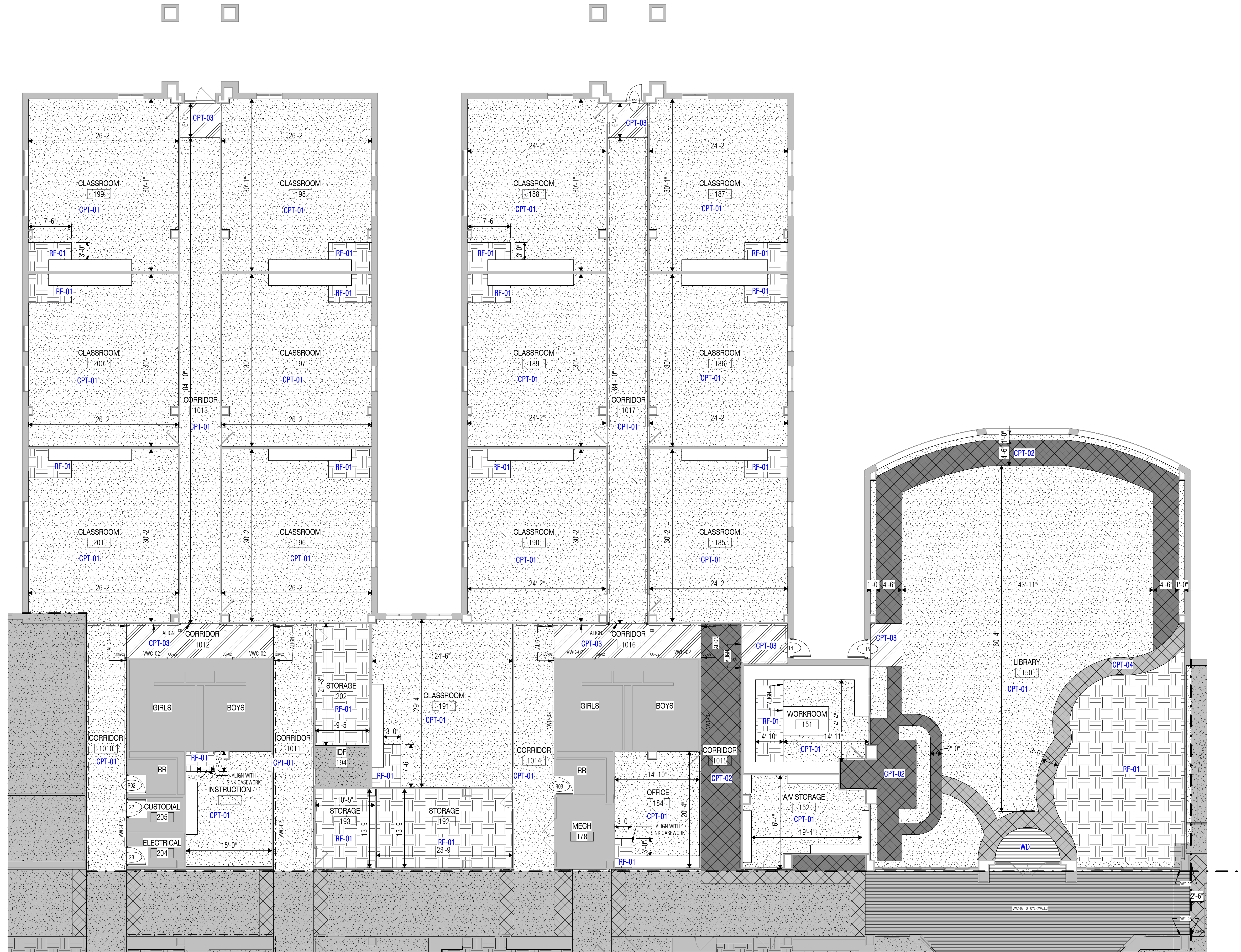
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	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

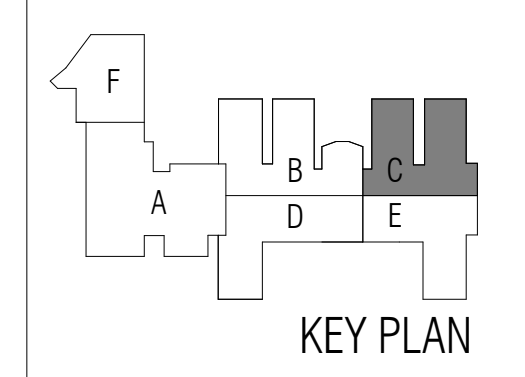
	T	TILE - WAINSCOT (TILE SIZE)
	CG	CORNER GUARD
	PT	PAINT
		TAPE AND FLOAT VWC-01 U.N.O.

FLOOR PLAN LEGEND

	NOT IN SCOPE
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1 FLOOR PLAN - UNIT B
 SCALE: 1/8" = 1'-0"



ISSUED: 11/14/2024

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 Designer
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Drawn By
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 Quality Control

PROJECT NO.

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SHEET TITLE

WEBE - FLOOR PLAN - UNIT C

SHEET NO.

A32.11C

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	CO-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

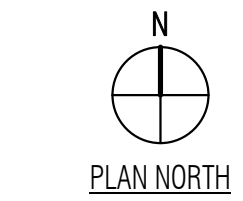
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CG	CORNER GUARD
PT	PAINT
---	TAPE AND FLOAT WVC-01 U.N.O.

FLOOR PLAN LEGEND

	NOT IN SCOPE
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1 FLOOR PLAN - UNIT C
 SCALE: 1/8" = 1'-0"



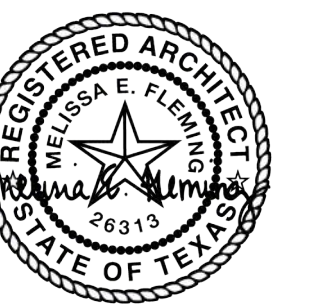
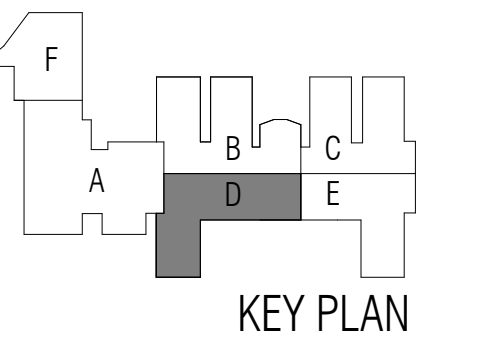
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HOUSTON, TEXAS

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs - BAUE GILE WEBE



11/14/2024

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REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control
Designer

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24-045.00

SHEET TITLE

WEBE - FLOOR PLAN - UNIT
D

SHEET NO.

A32.11D

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	C0-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

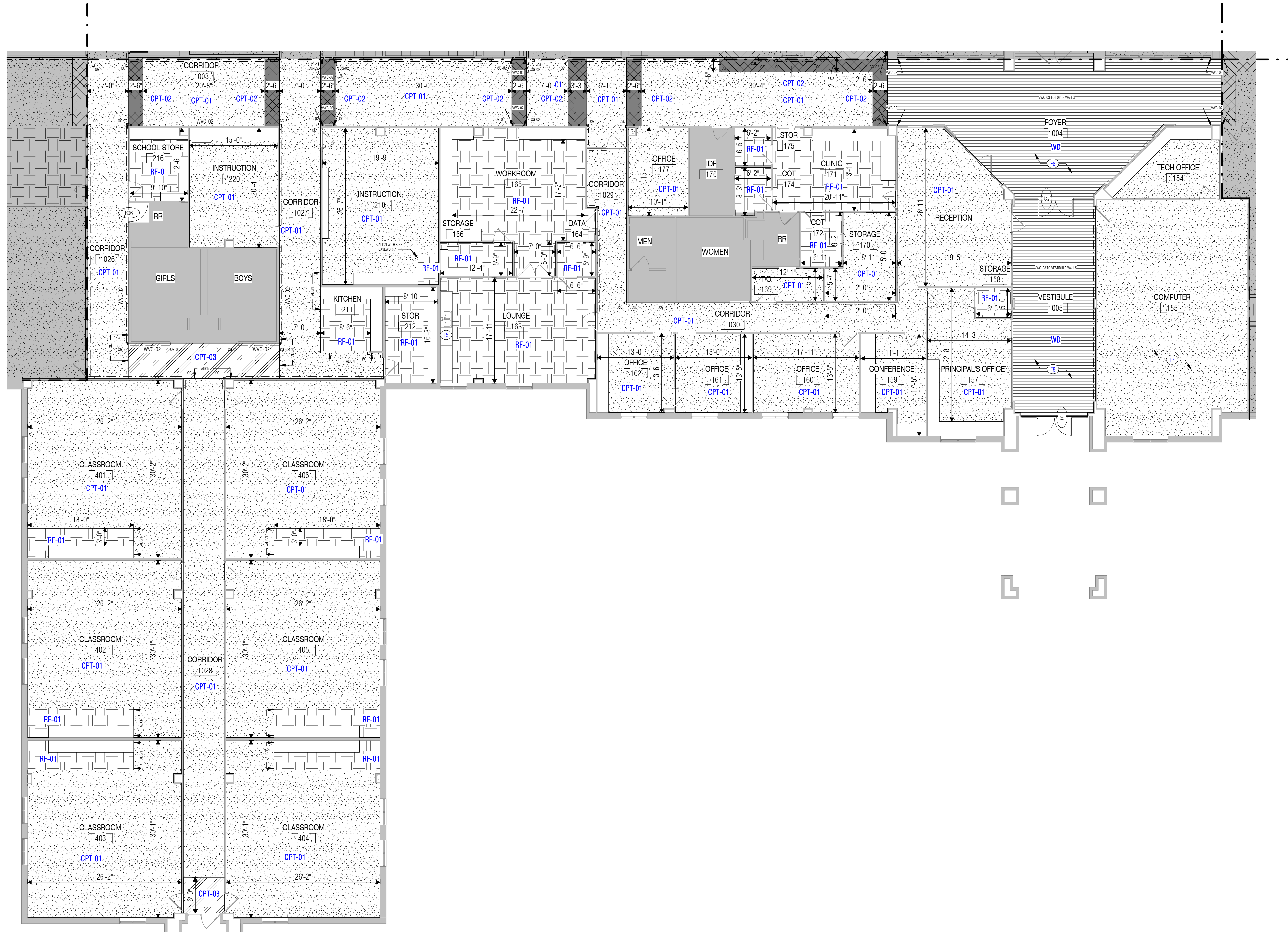
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FLOOR PLAN LEGEND

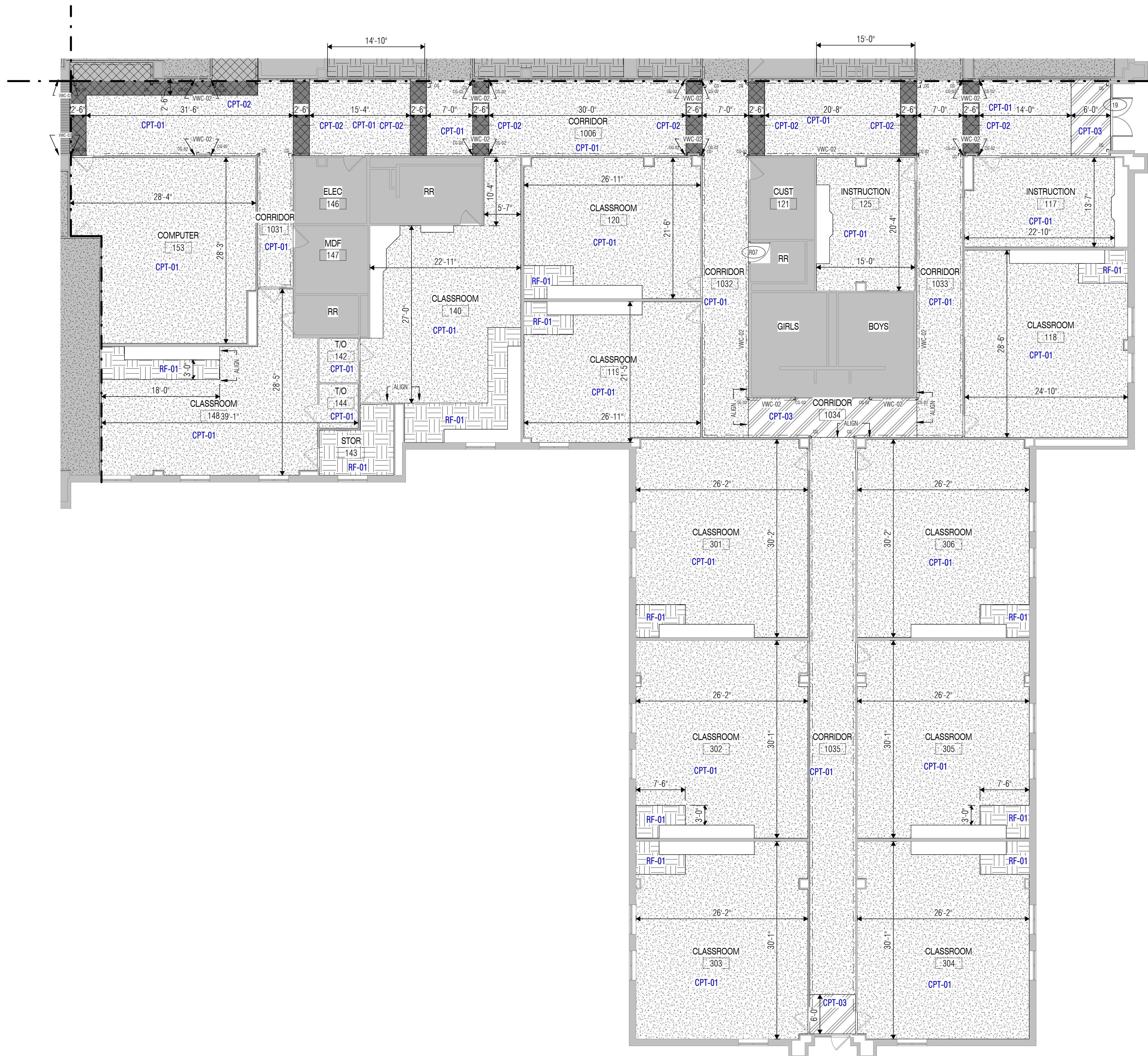
	NOT IN SCOPE
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FLOOR PLAN KEYED NOTES

- F5 UNDERCOUNTER ICE MACHINE
- F7 (1) UNINSTANTIATED ROLLED CARPET BE PROVIDED TO CCISD FOR INSTALLATION AT A LATER TIME
- F8 WOOD TO BE REFINISHED, STAINED, AND SEALED



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



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

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	CO-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

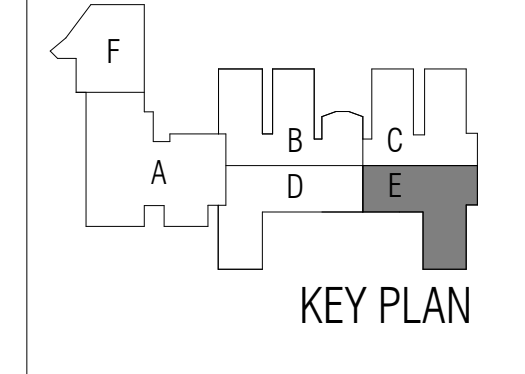
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CG	CORNER GUARD
PT	PAINT
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FLOOR PLAN LEGEND

	NOT IN SCOPE
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Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
24-045.00

SHEET TITLE
WEBE - FLOOR PLAN - UNIT E

SHEET NO.

A32.11E

CCISD PROJECT NO:
 2025.401

CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs - BAUE GILE WEBE

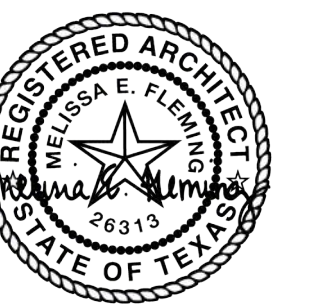
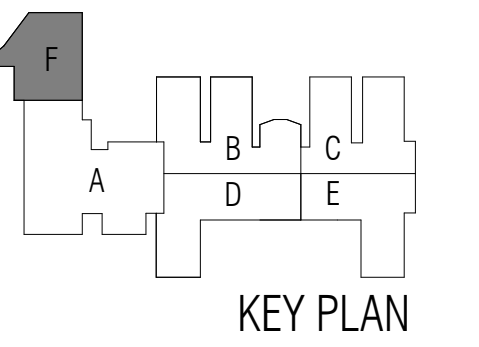
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SHEET TITLE

WEBE - FLOOR PLAN - UNIT F

SHEET NO.

A32.11F

FLOOR PLAN NOTES

- GC to field verify floor finish dimensions with existing casework extents.
- GC IS RESPONSIBLE FOR RELOCATION OF ALL FURNITURE BEFORE AND AFTER INSTALLATION OF SCHEDULED FLOORING.

INTERIOR FINISH LEGEND

	CO-01	CONCRETE, SEALED
	CPT-01	CARPET - PRIMARY
	CPT-02	CARPET - ACCENT
	CPT-03	CARPET - WALK-OFF
	RF-01	RESILIENT FLOOR - FIELD
	RF-02	RESILIENT FLOOR - GYMNASIUM
	RF-03	RESILIENT FLOOR - RED STRIPING
	RF-04	RESILIENT FLOOR - BLUE STRIPING
	T-01	CERAMIC TILE - CAFETERIA
	T-02	CERAMIC TILE - CAFETERIA ACCENT
	WD	WOOD STRIP FLOORING

WALL FINISH LEGEND

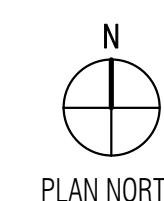
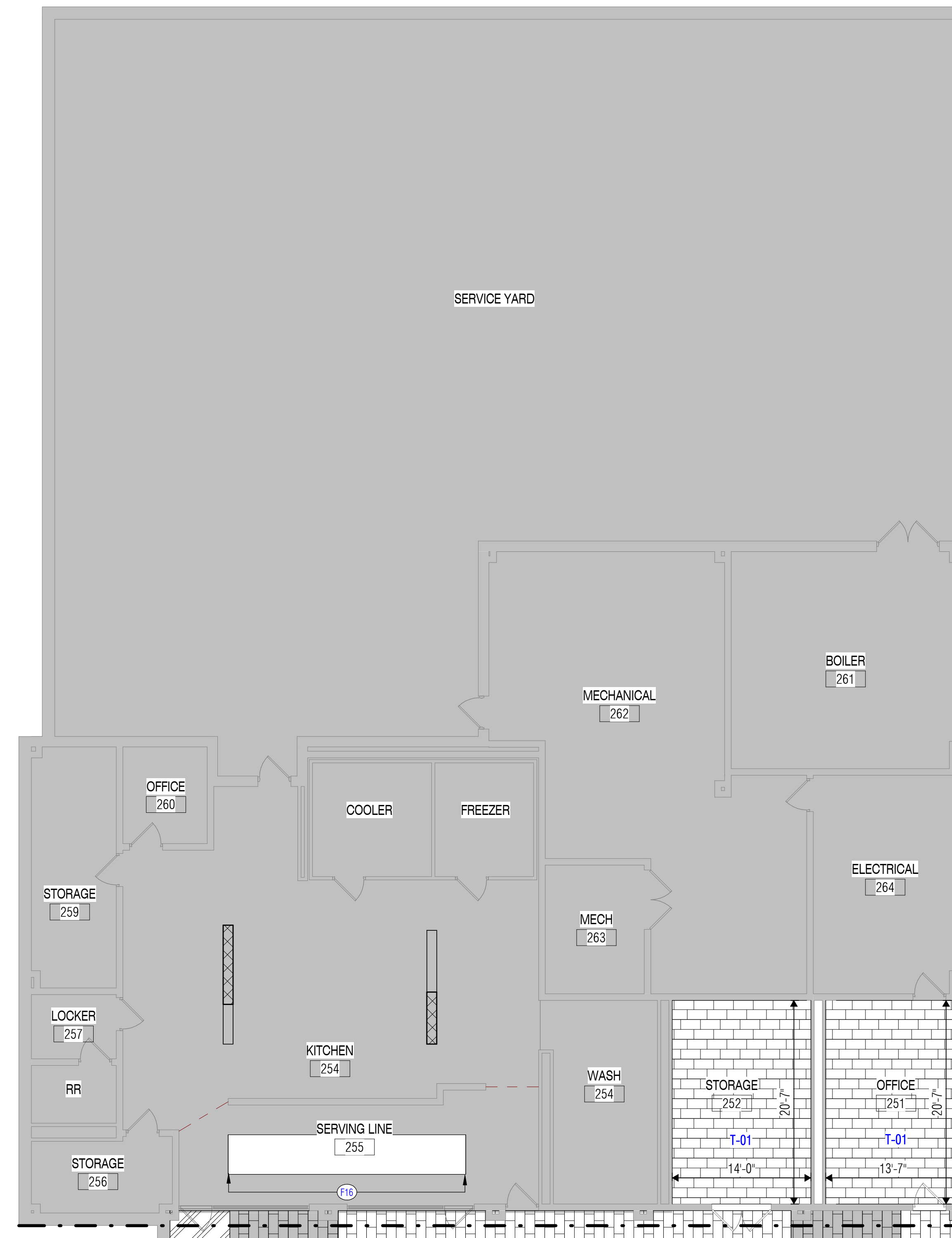
	T	TILE - WAINSCOT (TILE SIZE)
	CG	CORNER GUARD
	PT	PAINT
	---	TAPE AND FLOAT VWC-01 U.N.O.

FLOOR PLAN LEGEND

	NOT IN SCOPE
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FLOOR PLAN KEYED NOTES

F16 SERVING LINE TILE; REF: 2/A39.11



1 FLOOR PLAN - UNIT F
 SCALE: 1/8" = 1'-0"

GRAPHICS SCHEDULE

OWNER NUMBER	ROOM NAME	SIGNAGE TYPE	SIGNAGE TEXT
--------------	-----------	--------------	--------------

UNIT A			
	STAGE	A	STAGE
	RR	E	RESTROOM
	GIRLS	C	GIRLS
	BOYS	D	BOYS
	RR	E	RESTROOM
49	BOYS	D	BOYS
50	GIRLS	C	GIRLS
99	STAIR	A	STAIR
202	CLASSROOM	B	CLASSROOM
203	INSTRUCTIONAL	A	INSTRUCTIONAL
213	P.P.C.D. CLASSROOM	B	P.P.C.D. CLASSROOM
215	STORAGE	A	STORAGE
221	SCIENCE CLASSROOM	A	SCIENCE
222	PREP ROOM	A	PREP ROOM
223	ART CLASSROOM	A	ART
224	PREP ROOM	A	PREP ROOM
225	KILN	A	KILN
226	INSTRUCTIONAL	A	INSTRUCTIONAL
226B	STORAGE	A	STORAGE
227	PRE-K CLASSROOM	B	PRE-K CLASSROOM
228	PRE-K CLASSROOM	B	PRE-K CLASSROOM
229	PRE-K CLASSROOM	B	PRE-K CLASSROOM
231	STORAGE	A	STORAGE
232	LITERACY LIBRARY	A	LITERACY LIBRARY
238	CUST	A	CUSTODIAL
241	MUSIC	A	MUSIC
242	OFFICE	A	OFFICE
242	OFFICE	A	OFFICE
243	CLASSROOM	B	CLASSROOM
244	RAMP	A	RAMP
247	STORAGE	A	STORAGE
248	STORAGE	A	STORAGE
249	GYMNASIUM	A	GYMNASIUM
249	MECH	A	MECHANICAL
250	CAFETERIA	A	CAFETERIA
265	STOR	A	STORAGE
266	IDF	A	IDF

UNIT B			
	RR	E	RESTROOM
	GIRLS	C	GIRLS
	BOYS	D	BOYS
	INSTRUCTION	A	INSTRUCTION
	RR	E	RESTROOM
	GIRLS	C	GIRLS
	BOYS	D	BOYS
150	LIBRARY	A	LIBRARY
151	WORKROOM	A	WORKROOM
152	A/V STORAGE	A	A/V STORAGE
178	MECH	A	MECHANICAL
184	OFFICE	A	OFFICE
185	CLASSROOM	B	CLASSROOM
186	CLASSROOM	B	CLASSROOM
187	CLASSROOM	B	CLASSROOM
188	CLASSROOM	B	CLASSROOM
189	CLASSROOM	B	CLASSROOM
190	CLASSROOM	B	CLASSROOM
191	CLASSROOM	B	CLASSROOM
192	STORAGE	A	STORAGE
193	STORAGE	A	STORAGE
194	IDF	A	IDF
196	CLASSROOM	B	CLASSROOM
197	CLASSROOM	B	CLASSROOM
198	CLASSROOM	B	CLASSROOM
199	CLASSROOM	B	CLASSROOM
200	CLASSROOM	B	CLASSROOM
201	CLASSROOM	B	CLASSROOM
202	STORAGE	A	STORAGE
204	ELECTRICAL	A	ELECTRICAL
205	CUSTODIAL	A	CUSTODIAL

UNIT C			
	RR	E	RESTROOM
	RR	E	RESTROOM
	GIRLS	C	GIRLS
	BOYS	D	BOYS
	GIRLS	C	GIRLS
	BOYS	D	BOYS
101	INSTRUCTION	A	INSTRUCTION
102	CLASSROOM	B	CLASSROOM
103	CLASSROOM	B	CLASSROOM
104	CLASSROOM	B	CLASSROOM
105	CLASSROOM	B	CLASSROOM
106	CLASSROOM	B	CLASSROOM
107	CLASSROOM	B	CLASSROOM
108	CLASSROOM	B	CLASSROOM
109	STORAGE	A	STORAGE
110	STORAGE	A	STORAGE
111	STORAGE	A	STORAGE
112	ELEC	A	ELECTRICAL
116	STORAGE	A	STORAGE
127	CLASSROOM	B	CLASSROOM
128	CLASSROOM	B	CLASSROOM
129	CLASSROOM	B	CLASSROOM
130	CLASSROOM	B	CLASSROOM
131	CLASSROOM	B	CLASSROOM
132	CLASSROOM	B	CLASSROOM
132	INSTRUCTION	A	INSTRUCTION
133	CLASSROOM	B	CLASSROOM
134	MECH	A	MECHANICAL
135	STORAGE	A	STORAGE
149	INSTRUCTION	A	INSTRUCTION

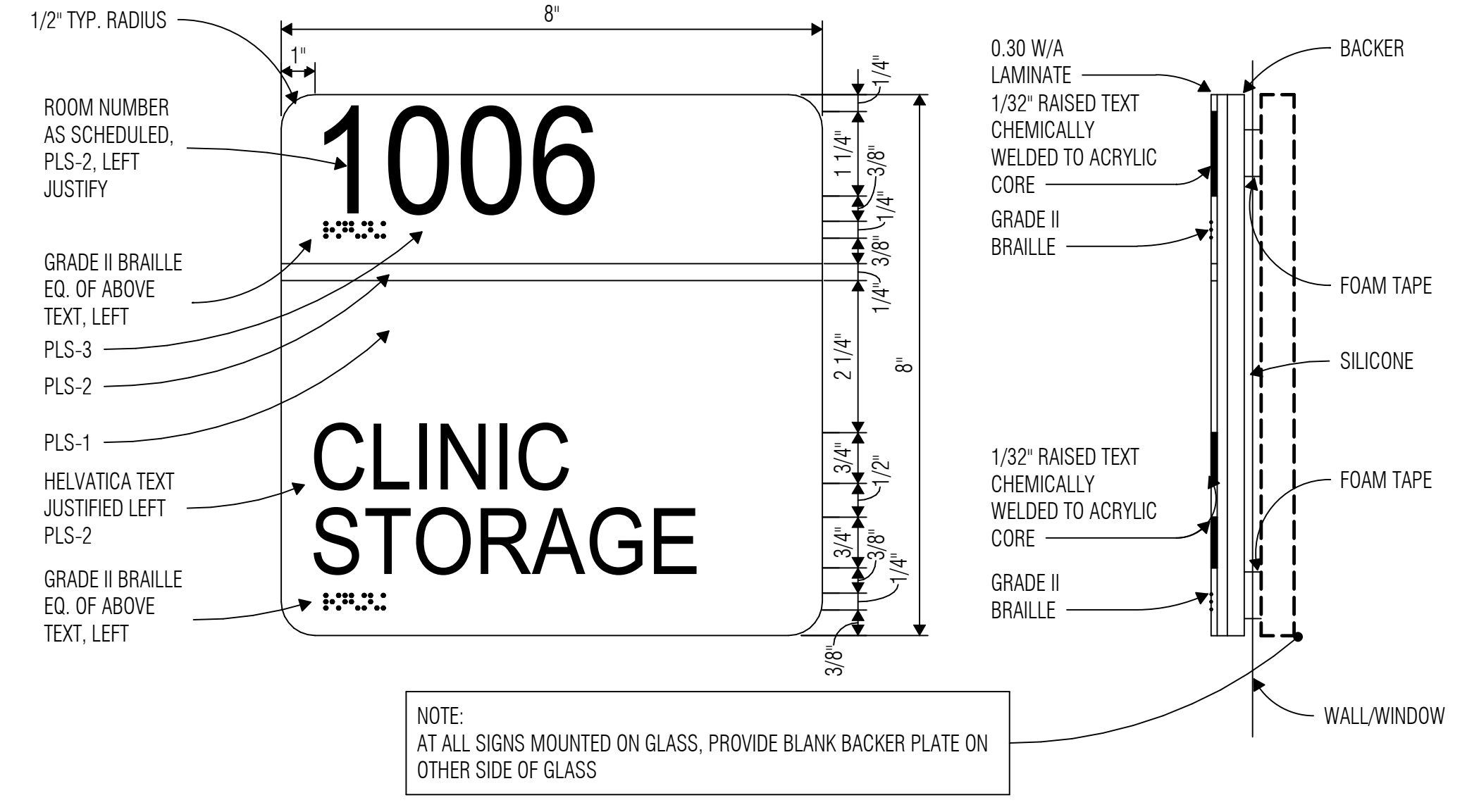
GRAPHICS SCHEDULE

OWNER NUMBER	ROOM NAME	SIGNAGE TYPE	SIGNAGE TEXT
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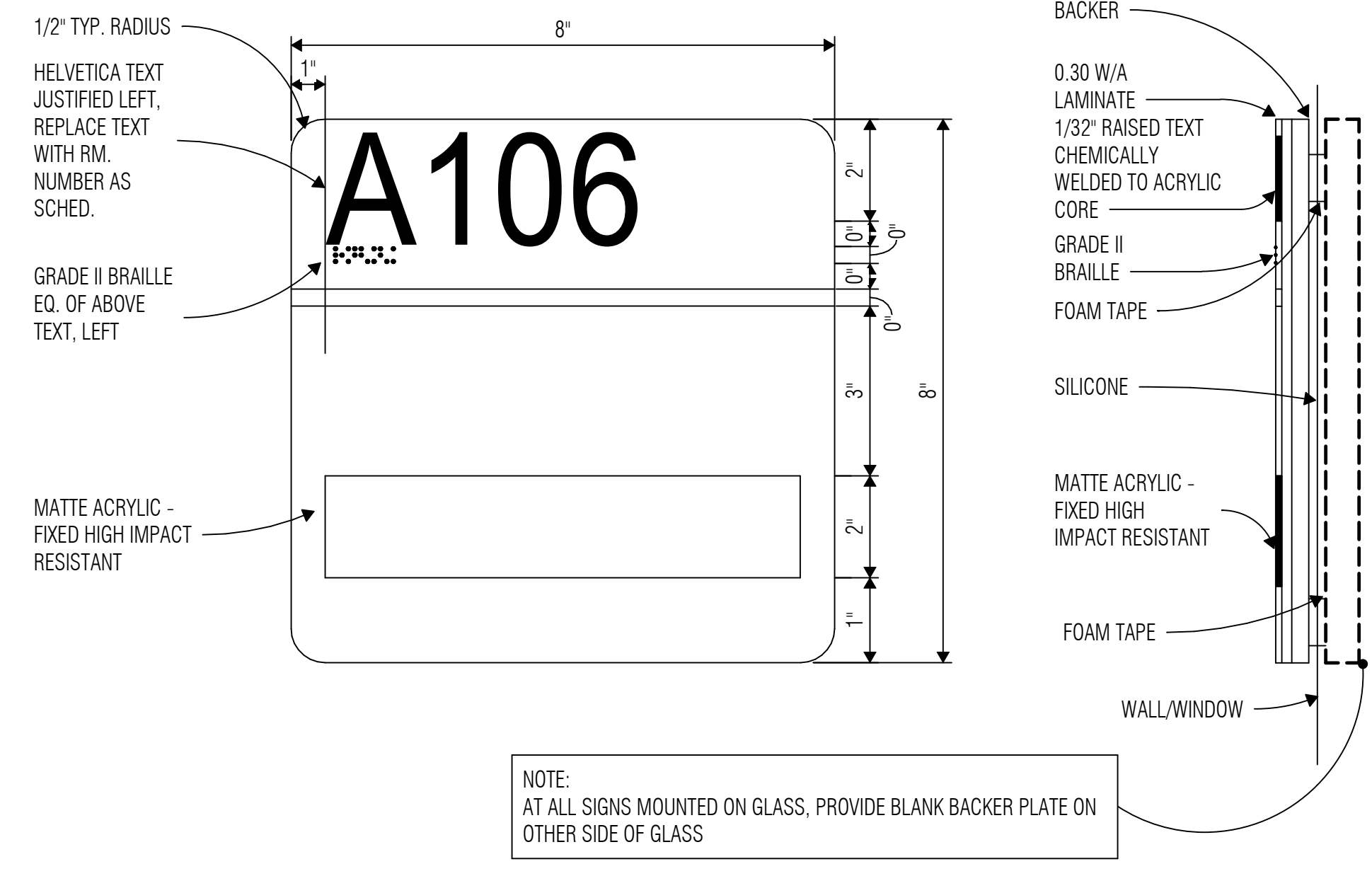
UNIT D			
	GIRLS	C	GIRLS
	BOYS	D	BOYS
	RR	E	RESTROOM
	RR	E	RESTROOM
	MEN	D	MEN
	WOMEN	C	WOMEN
154	TECH OFFICE	A	TECH OFFICE
155	COMPUTER	A	COMPUTER
157	PRINCIPAL'S OFFICE	A	PRINCIPAL'S OFFICE
158	STORAGE	A	STORAGE
159	CONFERENCE	A	CONFERENCE
160	OFFICE	A	OFFICE
161	OFFICE	A	OFFICE
162	OFFICE	A	OFFICE
163	LOUNGE	A	LOUNGE
164	DATA	A	DATA
165	WORKROOM	A	WORKROOM
166	STORAGE	A	STORAGE
170	STORAGE	A	STORAGE
171	CLINIC	A	CLINIC
172	COT	A	COT
174	COT	A	COT
175	STOR	A	STORAGE
176	IDF	A	IDF
177	OFFICE	A	OFFICE
210	INSTRUCTION	A	INSTRUCTIONAL
212	STOR	A	STORAGE
216	SCHOOL STORE	A	SCHOOL STORE
220	INSTRUCTION	A	INSTRUCTIONAL
401	CLASSROOM	B	CLASSROOM
402	CLASSROOM	B	CLASSROOM
403	CLASSROOM	B	CLASSROOM
404	CLASSROOM	B	CLASSROOM
405	CLASSROOM	B	CLASSROOM
406	CLASSROOM	B	CLASSROOM
424	RECEPTION	A	RECEPTION

UNIT E			
	RR	E	RESTROOM
	RR	A	RESTROOM
	RR	E	RESTROOM
	GIRLS	C	GIRLS
	BOYS	D	BOYS
117	INSTRUCTION	A	INSTRUCTIONAL
118	CLASSROOM	B	CLASSROOM
119	CLASSROOM	B	CLASSROOM
120	CLASSROOM	B	CLASSROOM
121	CUST	A	CUSTODIAL
125	INSTRUCTION	A	INSTRUCTIONAL
140	CLASSROOM	B	CLASSROOM
143	STOR	A	STORAGE
146	ELEC	A	ELECTRICAL
147	MDF	A	MDF
148	CLASSROOM	B	CLASSROOM
153	COMPUTER	A	COMPUTER
301	CLASSROOM	B	CLASSROOM
302	CLASSROOM	B	CLASSROOM
303	CLASSROOM	B	CLASSROOM
304	CLASSROOM	B	CLASSROOM
305	CLASSROOM	B	CLASSROOM
306	CLASSROOM	B	CLASSROOM

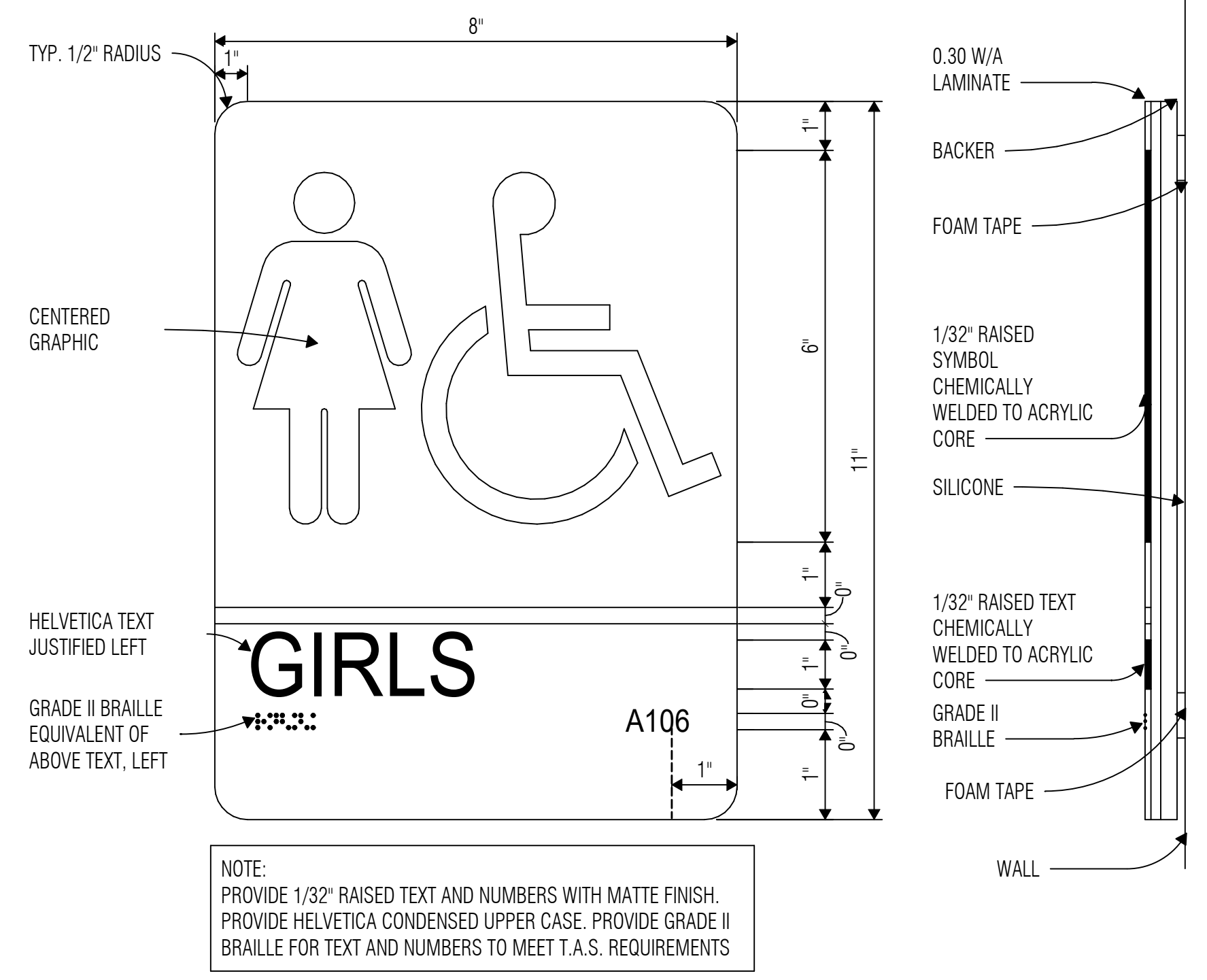
UNIT F			
	FREEZER	A	FREEZER
	COOLER	A	COOLER
	RR	E	RESTROOM
251	OFFICE	A	OFFICE
252	STORAGE	A	STORAGE
256	STORAGE	A	STORAGE
257	LOCKER	A	LOCKER
259	STORAGE	A	STORAGE
260	OFFICE	A	OFFICE
263	MECH	A	MECHANICAL
264	ELECTRICAL	A	ELECTRICAL



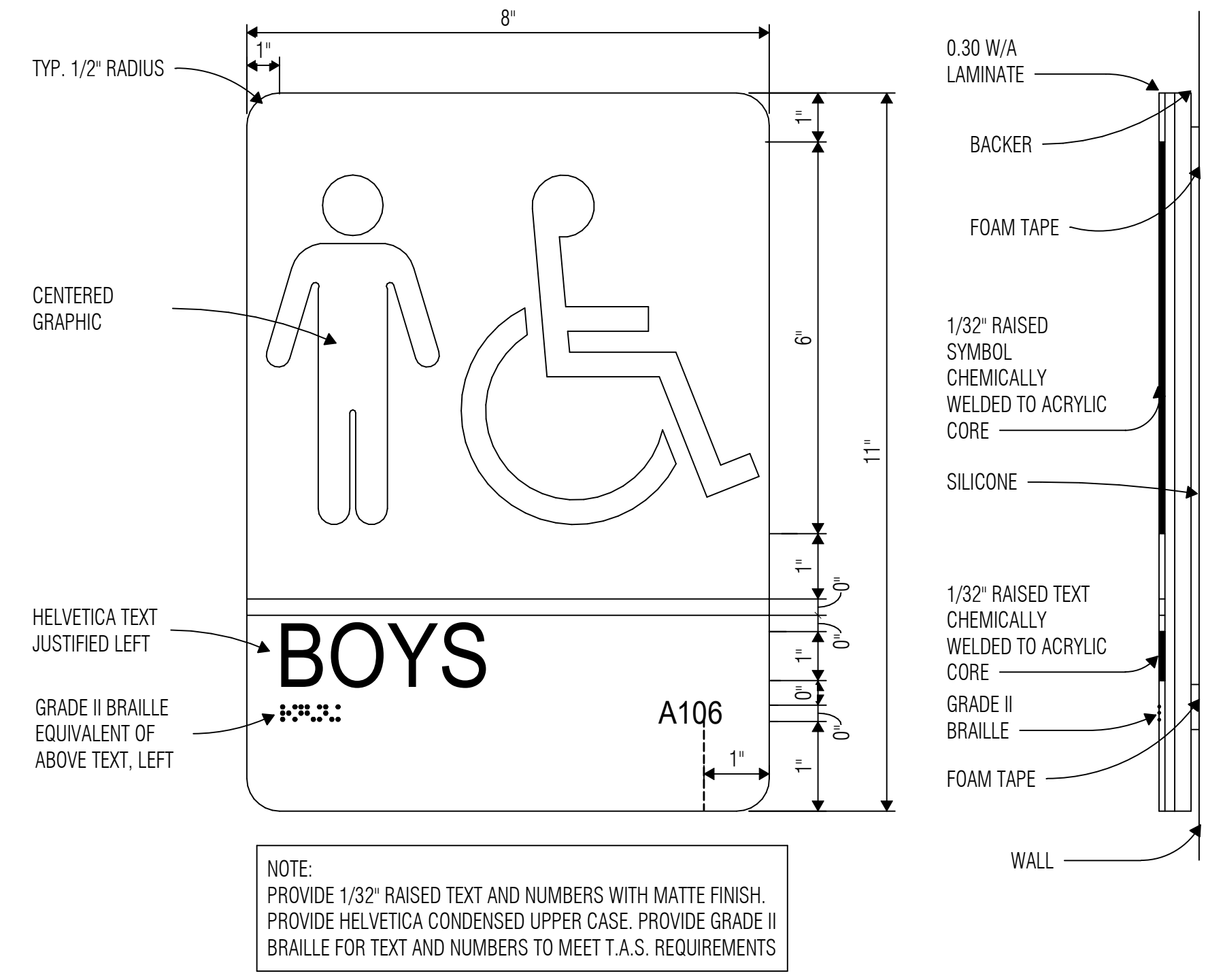
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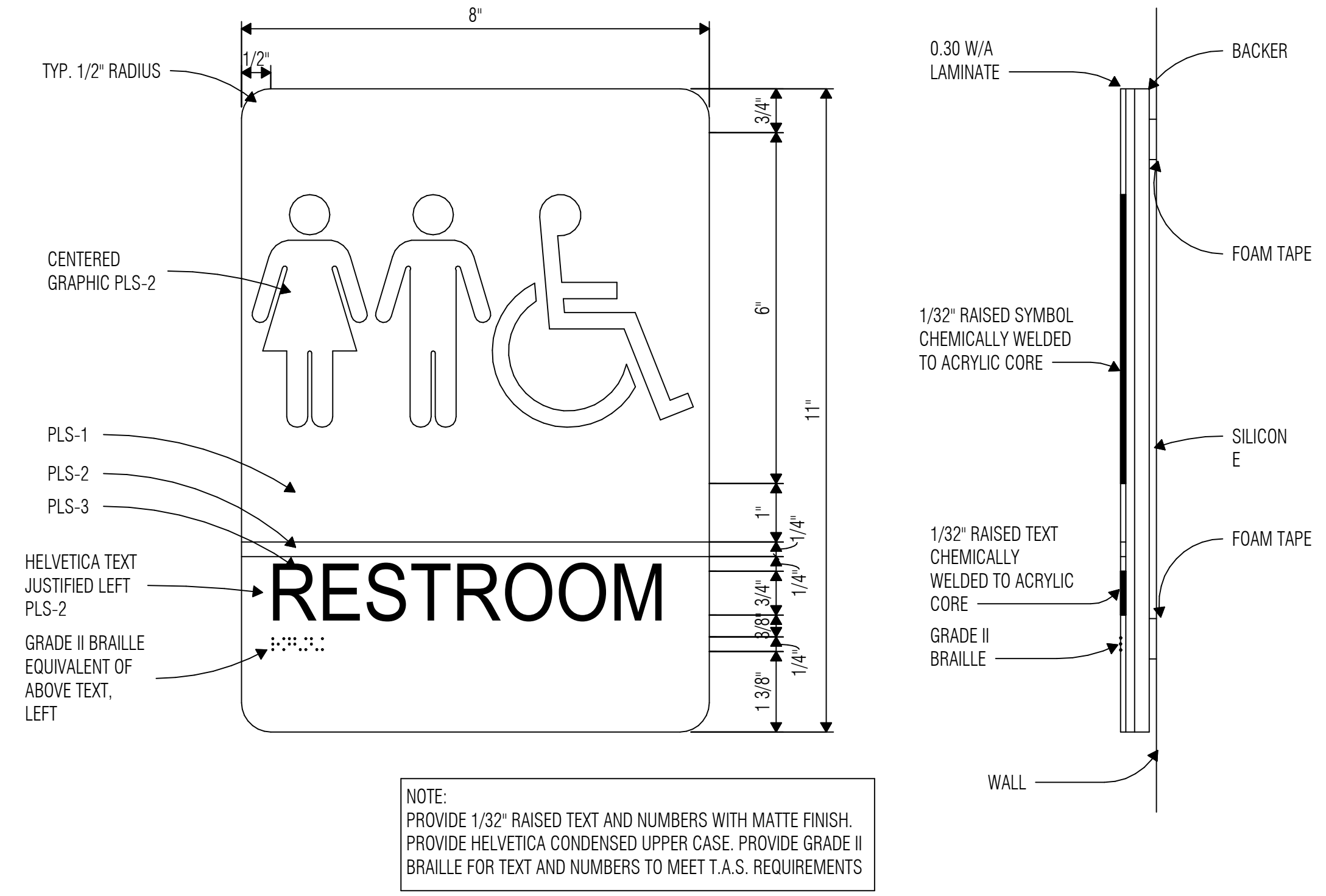
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SCALE: 6" = 1'-0"



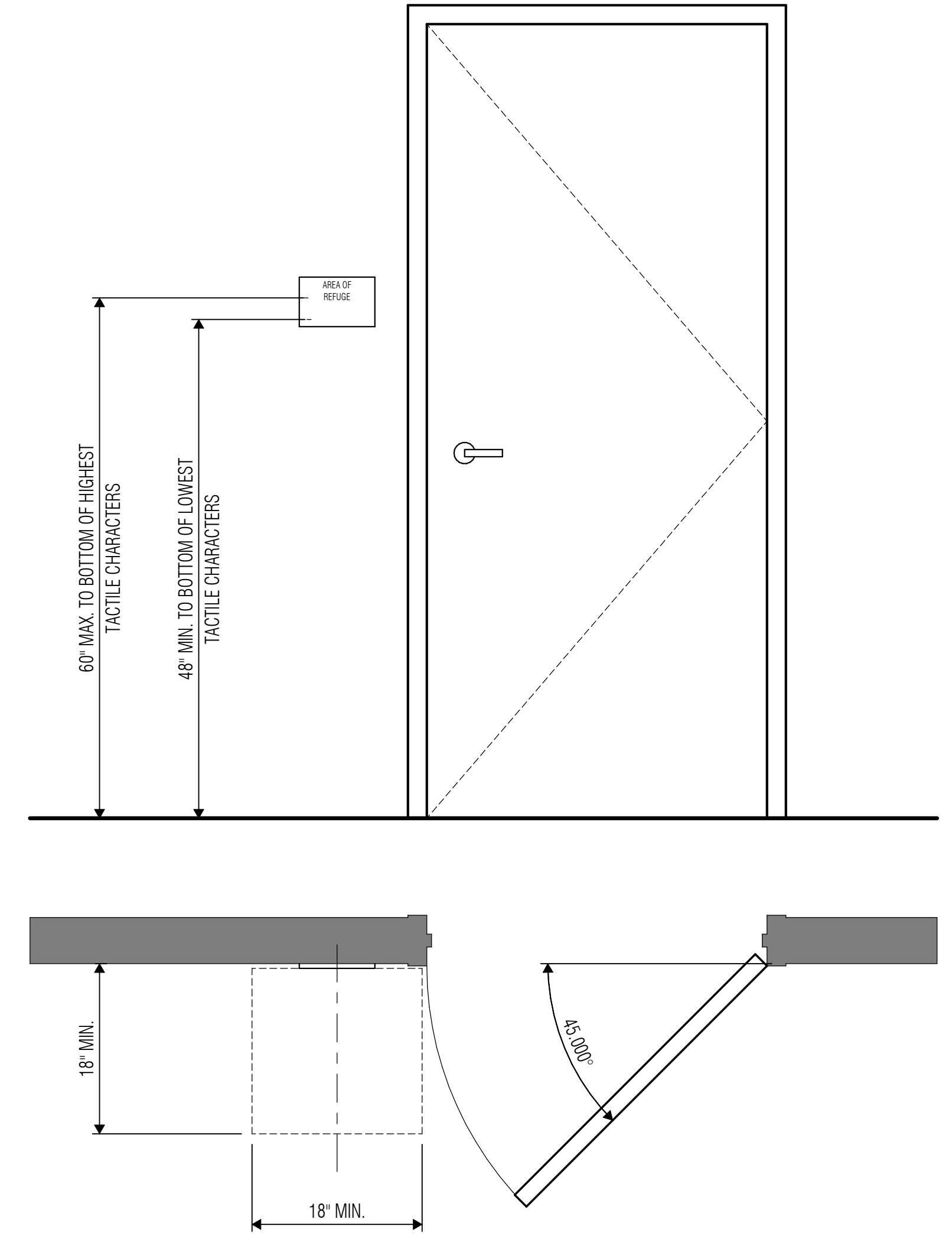
3 SIGNAGE TYPE "C"
SCALE: 6" = 1'-0"



4 SIGNAGE TYPE "D"
SCALE: 6" = 1'-0"



5 SIGNAGE TYPE "E"
SCALE: 6" = 1'-0"



6 DETAIL/ELEV. DOOR SIGN
SCALE: 1" = 1'-0"



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 Checker

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 Quality Control
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SHEET TITLE

WEBE - SIGNAGE TYPES & SCHEDULE

SHEET NO.

A32.61

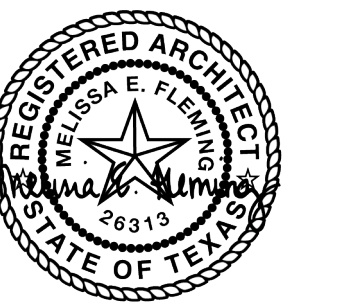
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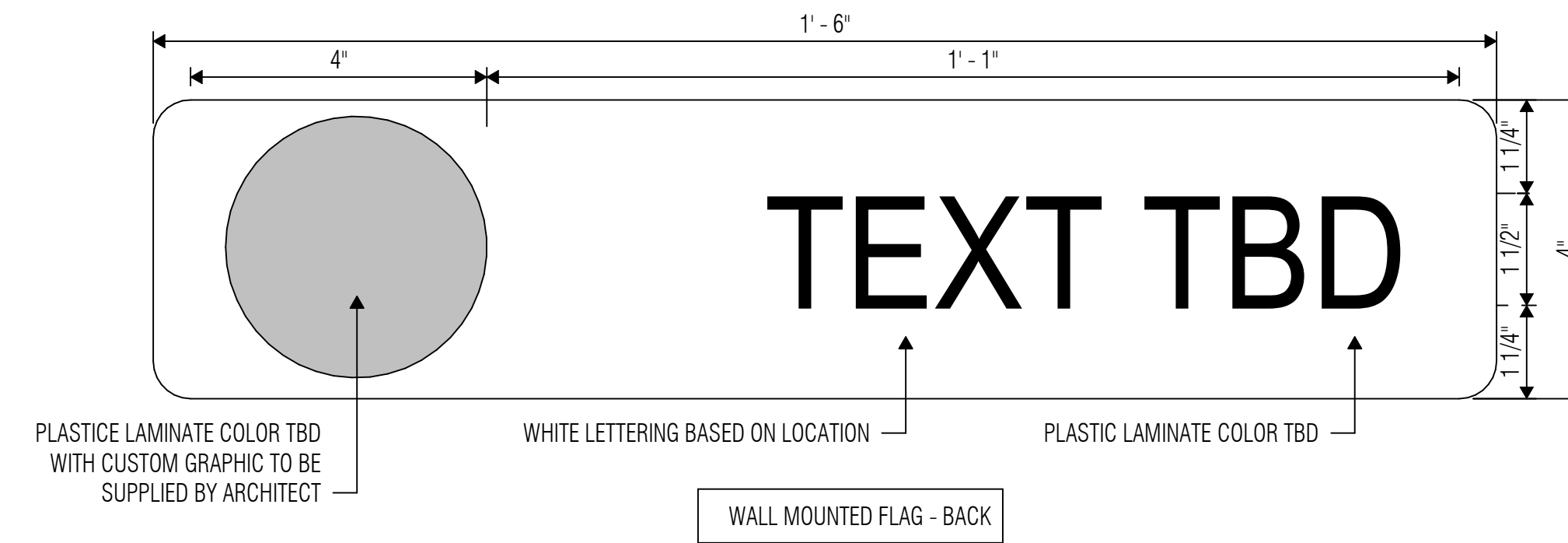
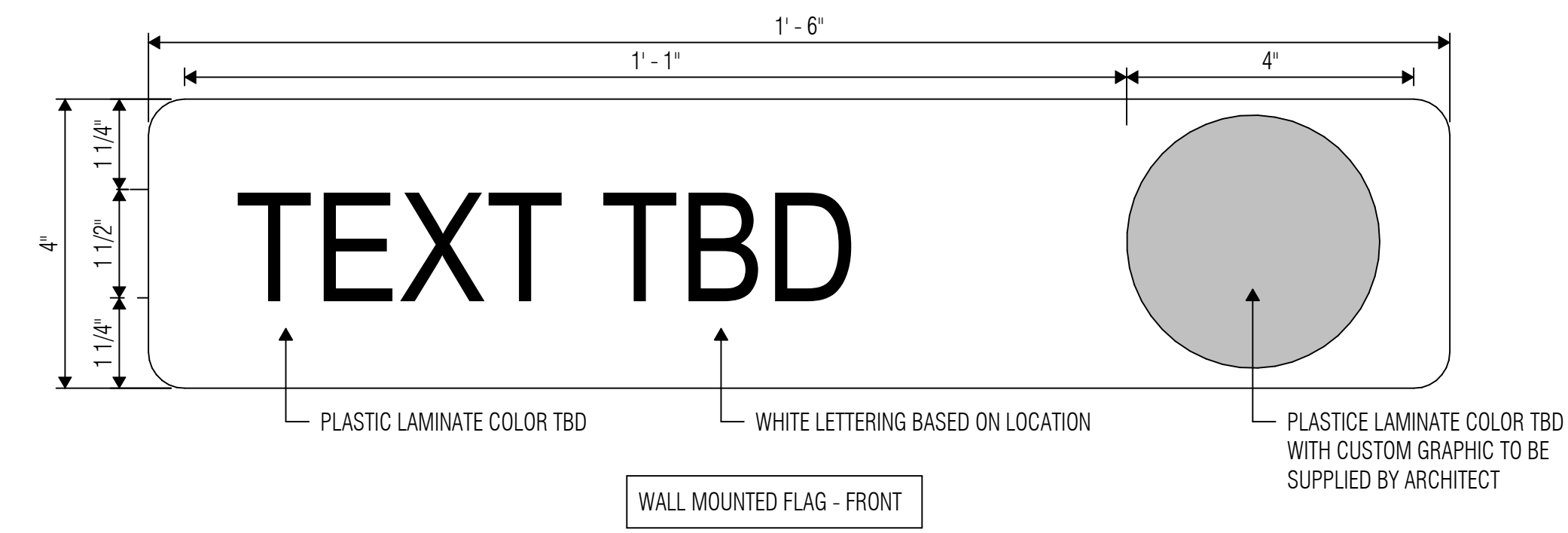
24-045.00

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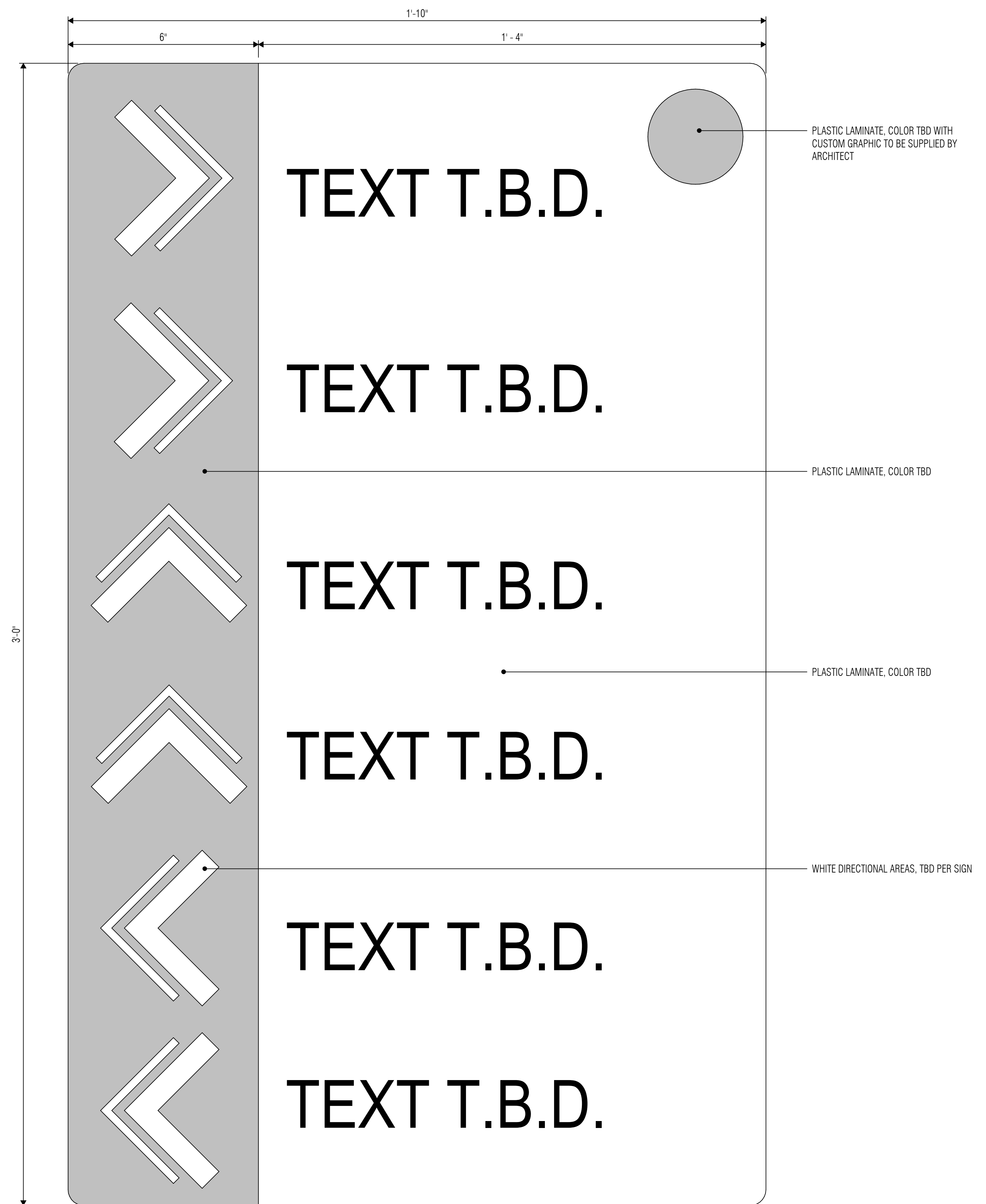
WEBE - SIGNAGE TYPES

SHEET NO.

A32.62



2 SIGNAGE TYPE "M"
 SCALE: 6" = 1'-0"



1 SIGNAGE TYPE "L"
 SCALE: 6" = 1'-0"

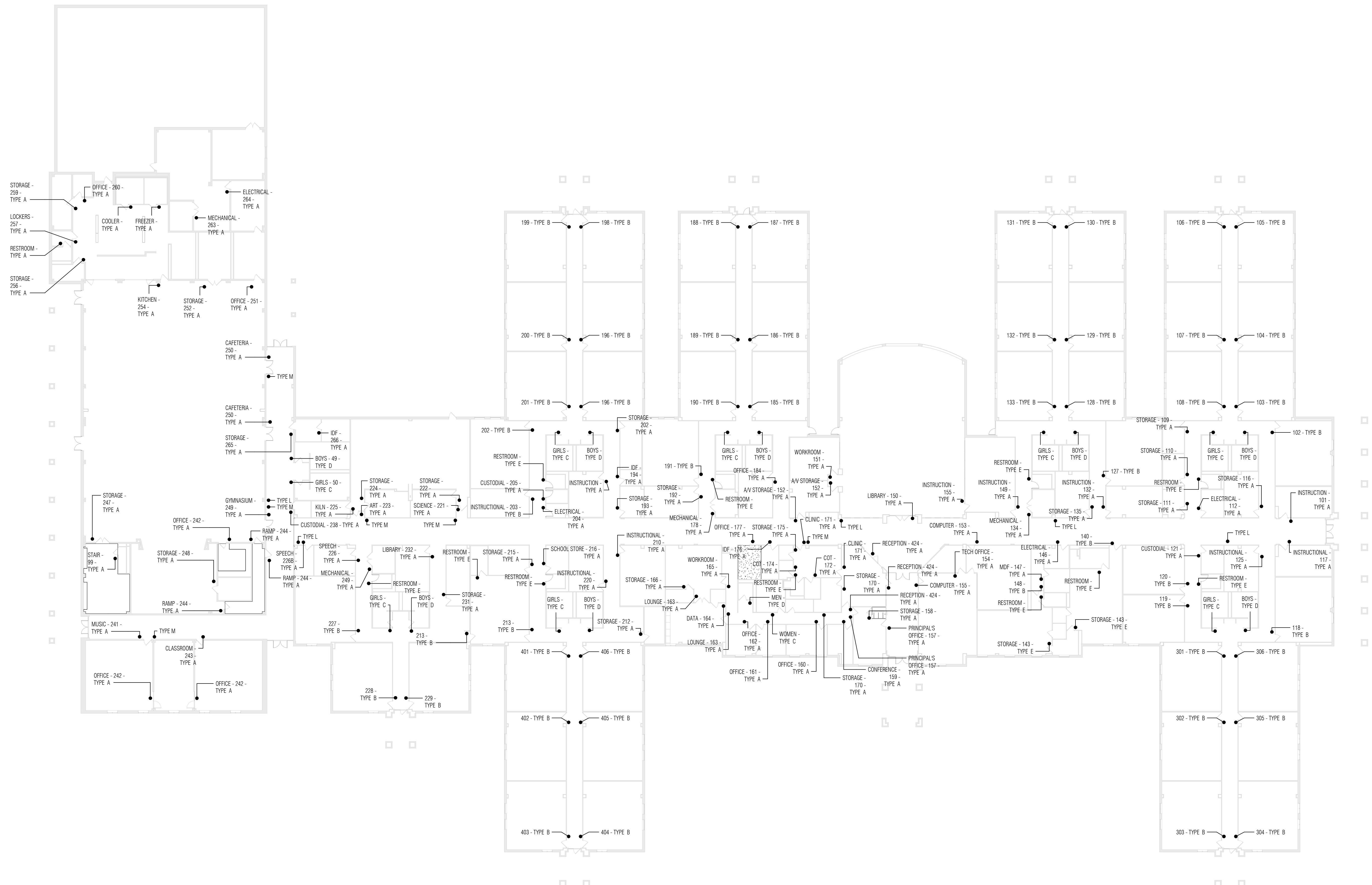
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1 SIGNAGE & WAYFINDING PLAN
 SCALE: 3/64" = 1'-0"



11/14/2024

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 Author
 Quality Control

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - SIGNAGE & WAYFINDING PLAN

SHEET NO.

A32.63

A32.63



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ISSUED: 11/14/2024

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SHEET TITLE

WEBE - OVERALL
REFLECTED CEILING PLAN
- DEMO

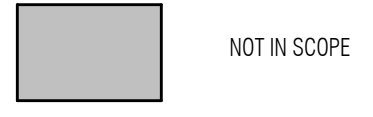
SHEET NO.

A36.01

DEMOLITION NOTES

1. Drawings show the general extent of demolition work, however it is impractical to indicate or note every item of demolition. Any items shown dashed are to be removed to make way for new construction, unless noted otherwise.
2. Existing materials containing asbestos to be removed under separate contract prior to construction by Owner's asbestos abatement contractor.
3. Contact the Owner prior to the start of demolition to determine items to be salvaged and returned to Owner.
4. Protect items to remain from damage during demolition.
5. Repair or replace at no cost to the Owner any damages to the existing building and site as a result of construction activities.
6. Refer to electrical and mechanical demolition plan for additional information.
7. Patch/repair flooring to match existing at all removed or demolished doors, windows, walls, millwork, lockers and similar items.
8. GC to remove and protect existing furniture and metal shelving during construction. GC to install in exact location of scope of work to be completed.
9. Floor finish to not impede existing drain cleanout.
10. Remove and reinstall metal shelving at same location prior to floor removal/installation.
11. Remove, store and reinstall wall mounted equipment and furnishings if vinyl wallcovering is being installed.
12. Remove and reinstall all room signage if vinyl wallcovering is being installed.

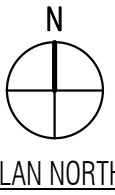
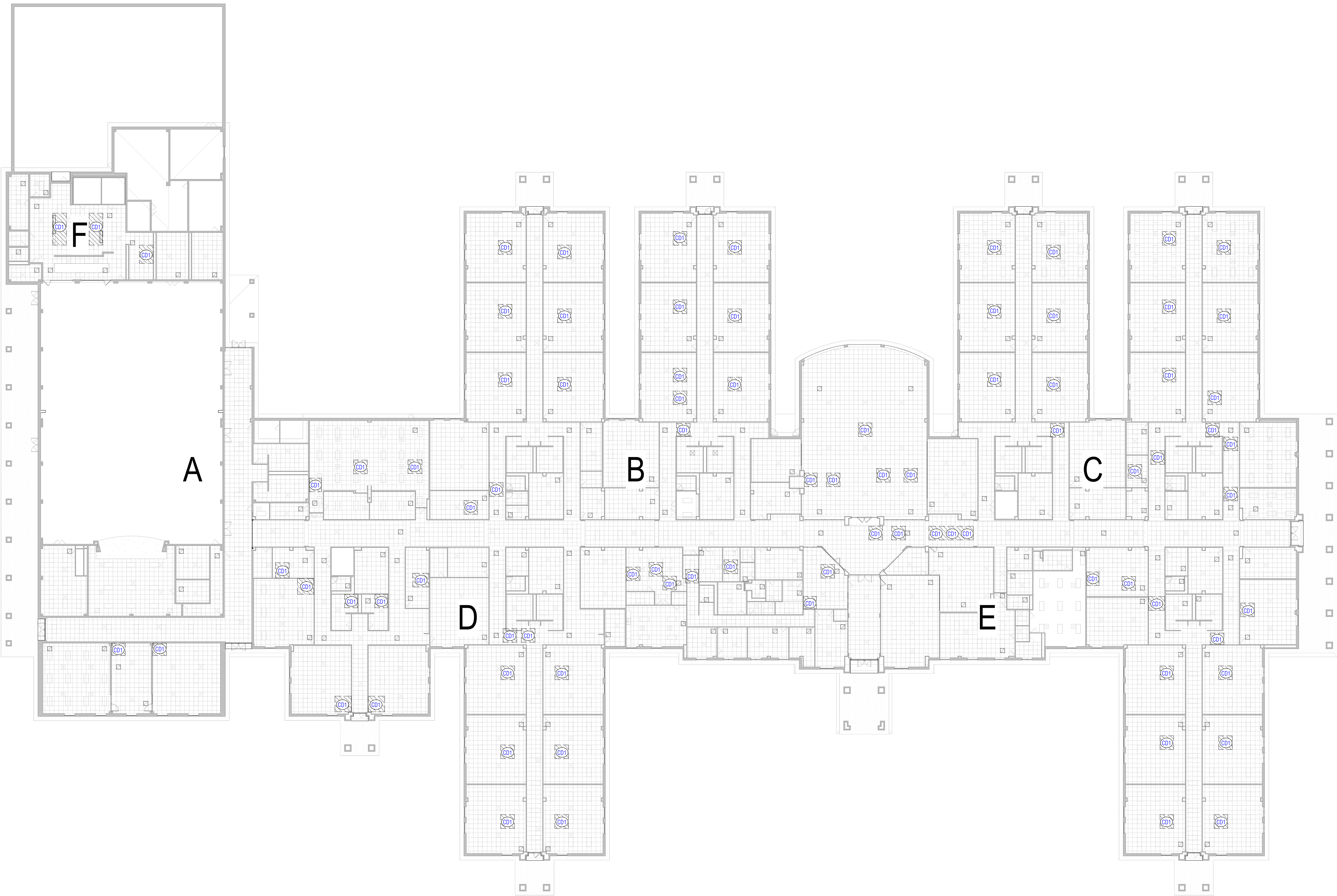
DEMOLITION LEGEND



NOT IN SCOPE

DEMOLITION KEYED NOTES2

- | | |
|-----|--|
| CD1 | REMOVE AND REPLACE CEILING TILES AND GRID AS INDICATED ON DEMO RCPS FOR MEP REPLACEMENT. REF. MEP FOR LOCATION OF MEP EQUIPMENT REPLACEMENT. |
|-----|--|



PLAN NORTH

1 Reflected Ceiling Plan - Level One - DEMO
SCALE: 3/64" = 1'-0"

FINISH ACCESSORY, FURNITURE AND EQUIPMENT SCHEDULE

NOTE: ALL MATERIALS, PRODUCTS, SIZES, COLORS AND PATTERNS ARE THE BASIS OF DESIGN. REFERENCE PROJECT MANUAL FOR ADDITIONAL APPROVED MANUFACTURERS MEETING THE DESIGN INTENT. SUBSTITUTIONS WILL BE CONSIDERED WHEN SUBMITTED IN COMPLIANCE WITH SECTION 01 62 00 - PRODUCT OPTIONS.

MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER INFO			SIZE	COMMENTS
			MANUFACTURER	SERIES/STYLE	COLOR/FINISH		
FLOOR FINISH ACCESSORY							
FFA-01	FLOOR TRANSITION	09 68 00	Johnsonite	Slim Line Transition	Charcoal		CPT TO RF
FFA-02	FLOOR TRANSITION	09 68 00	Johnsonite	Slim Line Transition	Charcoal		CPT TO CPT
FFA-03	FLOOR TRANSITION	09 68 00	Schluter	Reno-U	Satin Nickel Anodized Aluminum		CPT TO T
FFA-04	FLOOR TRANSITION	09 68 00	PEMCO	2727 Series	Aluminum		CPT TO RF
G-01	GROUT - COLOR A	09 30 13	Mapei	--	Pearl Gray 5019		PORCELAIN FLOOR

SPECIALTY EQUIPMENT							
PC-01	PLATFORM CURTAIN	10 21 23	KM Fabrics		Ink Blue 4164		Stage Curtains

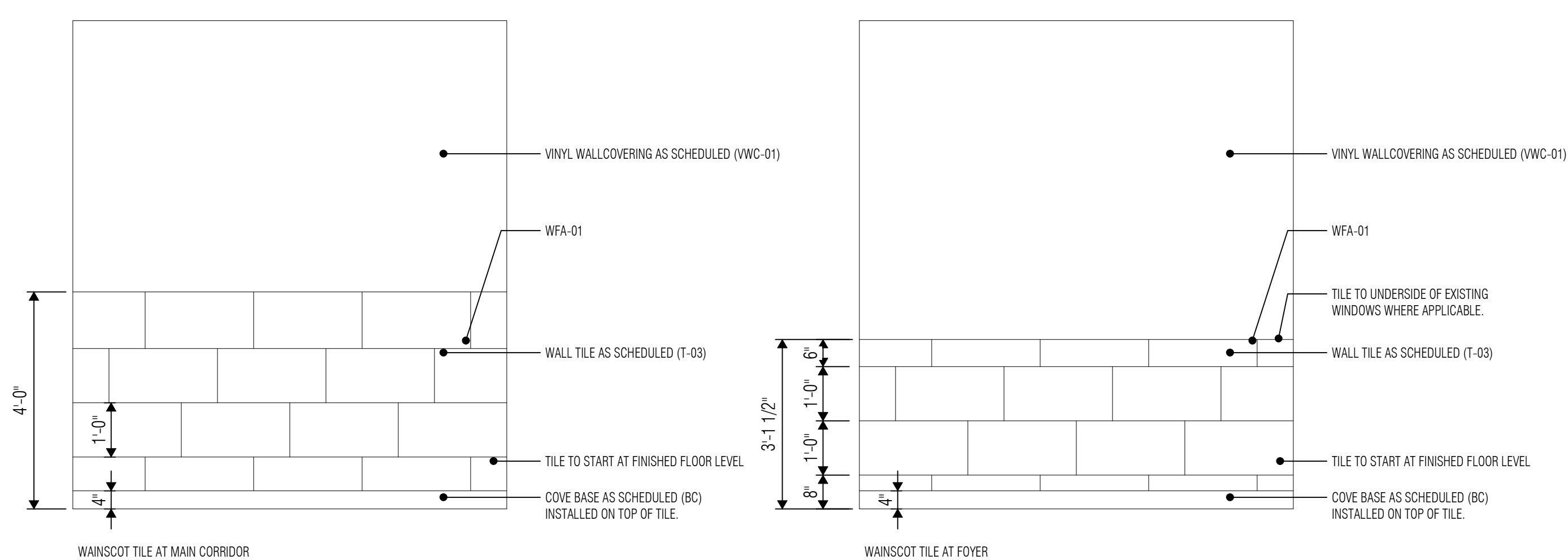
WALL FINISH ACCESSORY							
CG-01	CORNER GUARD	10 26 13	ASI	SM20	Fog		
CG-02	CORNER GUARD	10 26 13	ASI	SM20			
G-02	GROUT - COLOR B	09 30 13	Mapei	--	Pearl Gray 5019		WALL TILE
WFA-01	Tile Edge/Corner Trim - Metal	09 30 00	Schluter	Quadec	Satin Nickel Anodized Aluminum		TOP & CORNER TRIM

DOOR HARDWARE SCHEDULE

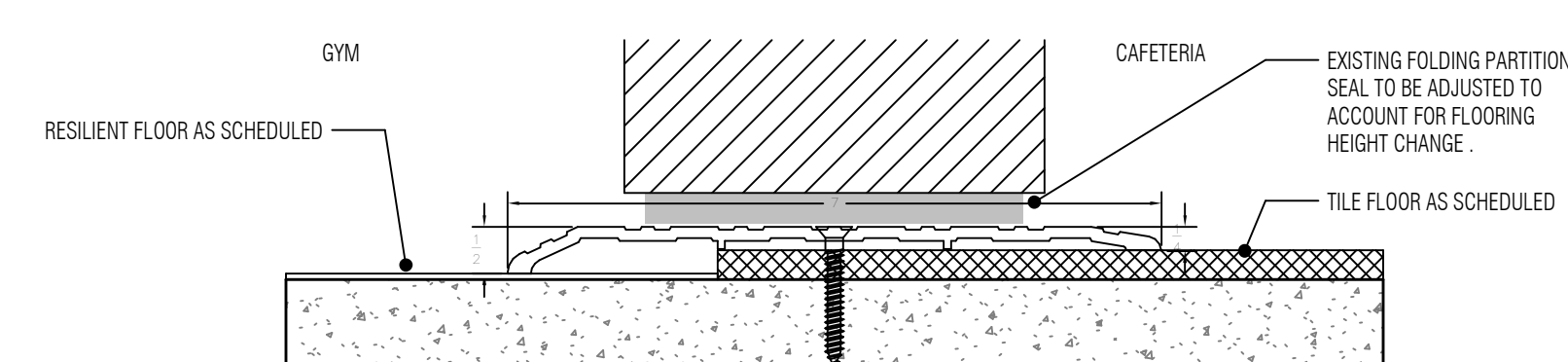
DOOR NUMBER	DOOR TYPE	FRAME TYPE	HDWR SET	REMARKS
UNIT A				
04	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT + MULLION CYLINDER REPLACEMENT
05	EX-AL	EX-AL		MULLION CYLINDER REPLACEMENT
06	EX-HM	EX-HM		TWO DOG DOWN CYLINDER REPLACEMENTS + MULLION CYLINDER REPLACEMENT
07	EX-HM	EX-HM		TWO DOG DOWN CYLINDER REPLACEMENTS + MULLION CYLINDER REPLACEMENT
10	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT + MULLION CYLINDER REPLACEMENT
21	EX	EX		TWO CYLINDER REPLACEMENT IN TWO SWITCHES @ OH COILING DOOR - MATCH DISTRICT MASTER SYSTEM
24	EX-HM	EX-HM		MULLION CYLINDER REPLACEMENT
25	EX-HM	EX-HM		MULLION CYLINDER REPLACEMENT
26	EX-HM	EX-HM		MULLION CYLINDER REPLACEMENT
R01	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT B				
13	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
14	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
15	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
22	EX-PL	EX-AL		ONE CYLINDER REPLACEMENT
23	EX-PL	EX-AL		ONE CYLINDER REPLACEMENT
R02	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
R03	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT C				
16	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT
R04	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
R05	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT D				
01	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT + MULLION CYLINDER REPLACEMENT
27	EX-HM	EX-HM		ONE DOG DOWN CYLINDER REPLACEMENT + MULLION CYLINDER REPLACEMENT
R06	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)
UNIT E				
19	EX-AL	EX-AL		ONE DOG DOWN CYLINDER REPLACEMENT + MULLION CYLINDER REPLACEMENT
R07	EX-PL	EX-AL		DOOR HW REPLACEMENT IN ITS ENTIRETY PER DISTRICT STANDARD @ INDIVID. RESTROOMS (OCCUPANCY/VACANCY - NO CYLINDER)

DOOR SCHEDULE NOTES

- At Doors with a Door Type or Frame Type designation "EX", the door or door frame is existing to remain.
- Refer to Hardware Schedule for additional information regarding hardware.



1 WAINSCOT TILE - ALTERNATE
SCALE: 1/2" = 1'-0"



3 TRANSITION DETAIL AT GYM & CAFETERIA
SCALE: 6" = 1'-0"

MATERIAL FINISH SCHEDULE

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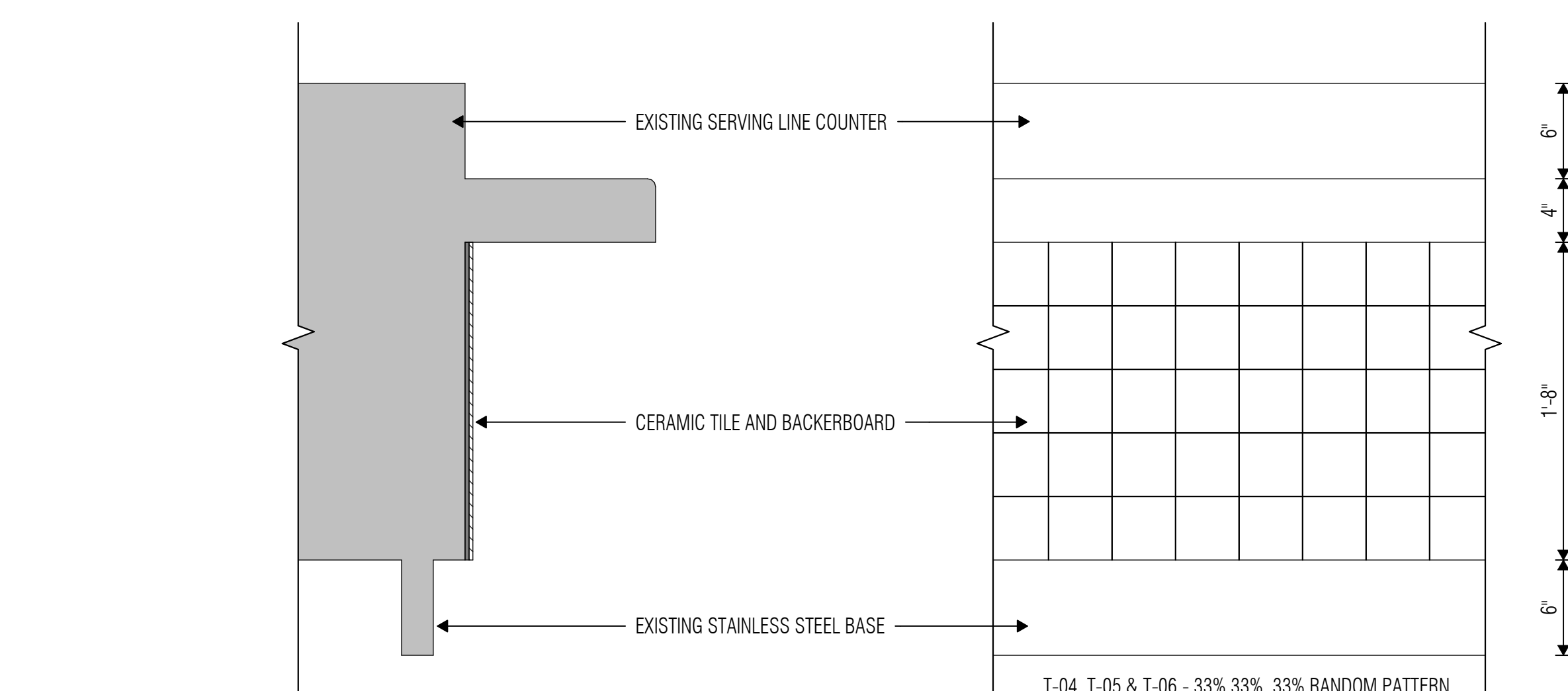
MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER INFO				SIZE	COMMENTS
			MANUFACTURER	SERIES/STYLE	COLOR/FINISH	SIZE		
BASE FINISH								
BC-01	Base, Rubber Cove	09 65 00	Johnsonite	4" Cove	Charcoal	4"		
BC-02	Base, Rubber Cove Black	09 65 00	Johnsonite	4" Cove	Black	4"		
BT	Base, Tile	09 30 00	Daltile	Portfolio	White	6" x 24"		

CEILING FINISH								
ACT-01	Acoustic Ceiling Tile (24X24)	09 51 00	Armstrong	Fine Fissured Humiguard	White	24" x 24"		

FLOOR FINISH								
CPT-01	Carpet - Broadloom Field	09 68 00	Tarkett	Paradigm	Arabian	Roll		
CPT-02	Carpet - Broadloom Accent	09 68 00	Tarkett	Gaberline	Bedstone	Roll		
CPT-03	Carpet - Broadloom Walk-Off	09 68 00	Tarkett	Assertive Action	Steelwork	Roll		
CPT-04	Carpet - Broadloom Blue Accent	09 68 00	Tarkett	Plexus Color IV	Ocean Storm	Roll		
RF-01	Resilient Floor - Field	09 65 44	Forbo	Marmoleum Modular	Pluto	20' x 20'		
RF-02	Resilient Floor - Gym	09 65 44	Forbo	Marmoleum MCT	Eiger	13' x 13'		
RF-03	Resilient Floor - Red Striping	09 65 44	Forbo	Marmoleum MCT	Red	--		
RF-04	Resilient Floor - Blue Striping	09 65 44	Forbo	Marmoleum MCT	Blue	--		
T-01	Tile - Porcelain (T-01)	09 30 00	Daltile	Portfolio	White PF02	12" x 24"		
T-02	Tile - Porcelain (T-02)	09 30 00	Daltile	Portfolio	Ash Grey PF05	12" x 24"		
WD	Existing Wood Floor	09 64 29	TBD	TBD	TBD	--		Refinish Existing Floor

MILLWORK & ARCHITECTURAL FINISHES								
PL-01	Plastic Laminate - Signage 01	12 32 16	Wilsonart	TBD	TBD	--		
PL-02	Plastic Laminate - Signage 02	12 32 16	Wilsonart	TBD	TBD	--		

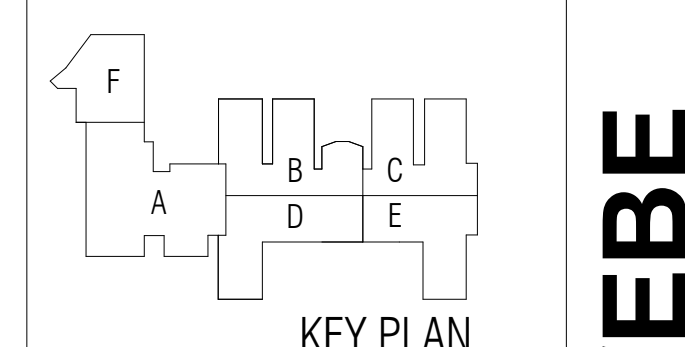
WALL FINISH								
PT-01	Paint - Field	09 91 00	Sherwin Williams	--	TBD	--		
PT-02	Paint - Accent 01	09 91 00	Sherwin Williams	--	TBD	--		
PT-03	Paint - Accent 02	09 91 00	Sherwin Williams	--	TBD	--		CONTRACTOR TO VERIFY AND MATCH EXISTING COLOR.
PT-04	Paint - Accent 03	09 91 00	Sherwin Williams	--	TBD	--		HOLLOW METAL DOOR FRAME.
T-03	Tile - Porcelain	09 30 00	Crossville	Shades 2.0	Frost UPS SHD41	12" x 24"		
T-04	Tile - Ceramic A	09 30 00	Daltile	Color Wheel Classic	Galaxy 1669 Glossy	4" x 4"		Serving Line Tile
T-05	Tile - Ceramic B	09 30 00	Daltile	Color Wheel Classic	Desert Grey X114 Glossy	4" x 4"		Serving Line Tile
T-06	Tile - Ceramic C	09 30 00	Daltile	Color Wheel Classic	Arctic White 0190 Glossy	4" x 4"		Serving Line Tile
VWC-01	Vinyl Wallcovering - Field	09 72 16	Koroseal	Linsey	Linum SE21-09	--		
VWC-02	Vinyl Wallcovering - Accent 01	09 72 16	Koroseal	Desert Sand	Newburyport Blue 5921-73	--		
VWC-03	Vinyl Wallcovering - Accent 02	09 72 16	Koroseal	Linsey	Angora SE21-17	--		



2 SERVING LINE DETAIL
SCALE: 1 1/2" = 1'-0"



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Director Approver
Drawn By Author
Designer Quality Control
Proj. Arch. Designer
Checker

PROJECT NO.
24-045.00
SHEET TITLE
WEBE - MATERIAL FINISH AND DOOR SCHEDULES

SHEET NO.
A39.01

CCISD PROJECT NO: 2025.401
CLEAR CREEK ISD HOUSTON, TEXAS

CCISD Priority Repairs - BAUE GILE WEBE

MECHANICAL KEYED NOTES

M0.8 REMOVE EXISTING "VENT-A-KIN" EXHAUST HOOD AND FAN ASSEMBLY.



ARCHITECT

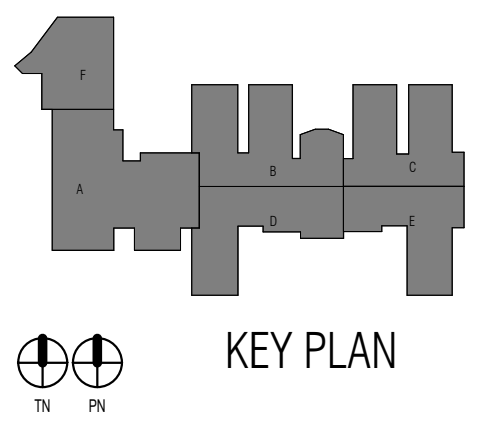
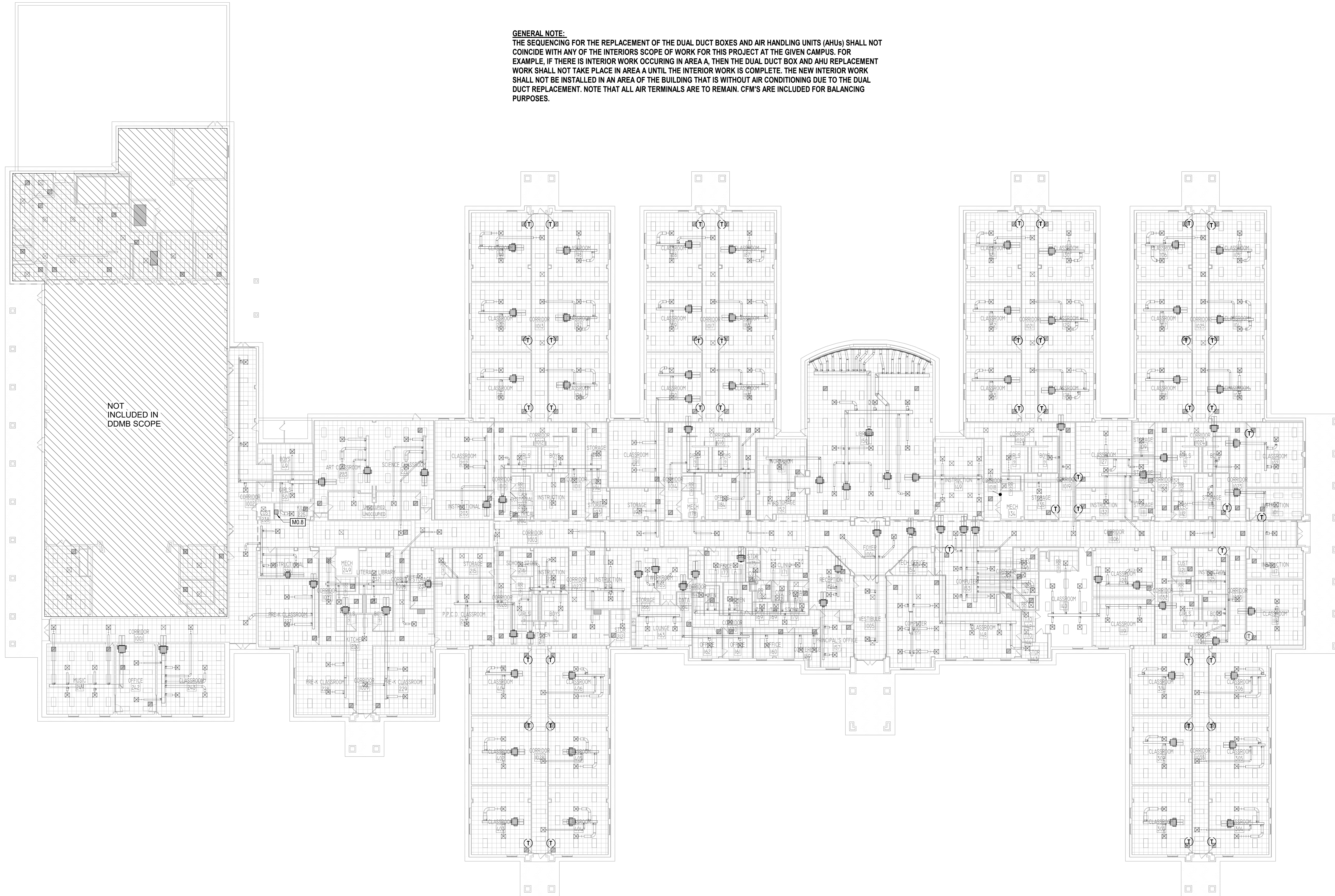
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GENERAL NOTE:
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CCISD PROJECT NO:
2025.401

CCISD Priority Repairs BAUE GILE WEBE



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Director	Drawn By
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Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - DEMO COMPOSITE MECHANICAL PLAN

SHEET NO.

M32.01

1 DEMO COMPOSITE MECHANICAL PLAN - LEVEL ONE
M32.01 1" = 20'-0"



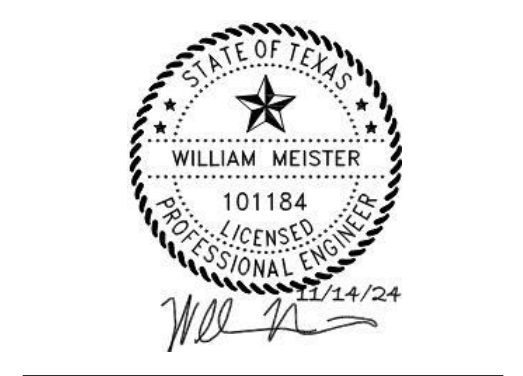
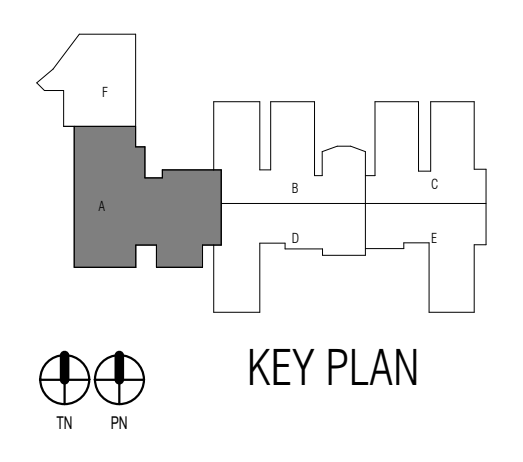


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SHEET TITLE
 WEBE - DEMO
 MECHANICAL PLAN - UNIT
 A

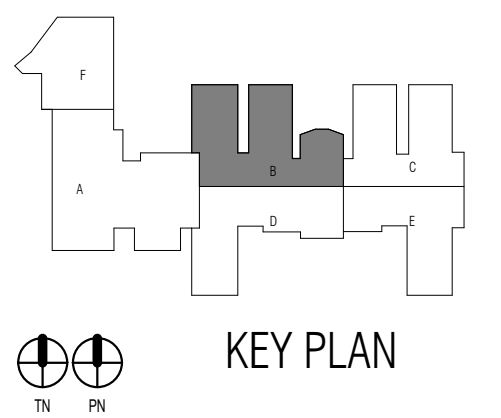
SHEET NO.

M32.01A



1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT A
 M32.01A 1/8" = 1'-0"

CCISD Priority Repairs BAUE GILE WEBE



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PROJECT NO.

24-045.00

SHEET TITLE

WEBE - DEMO
 MECHANICAL PLAN - UNIT
 B

SHEET NO.

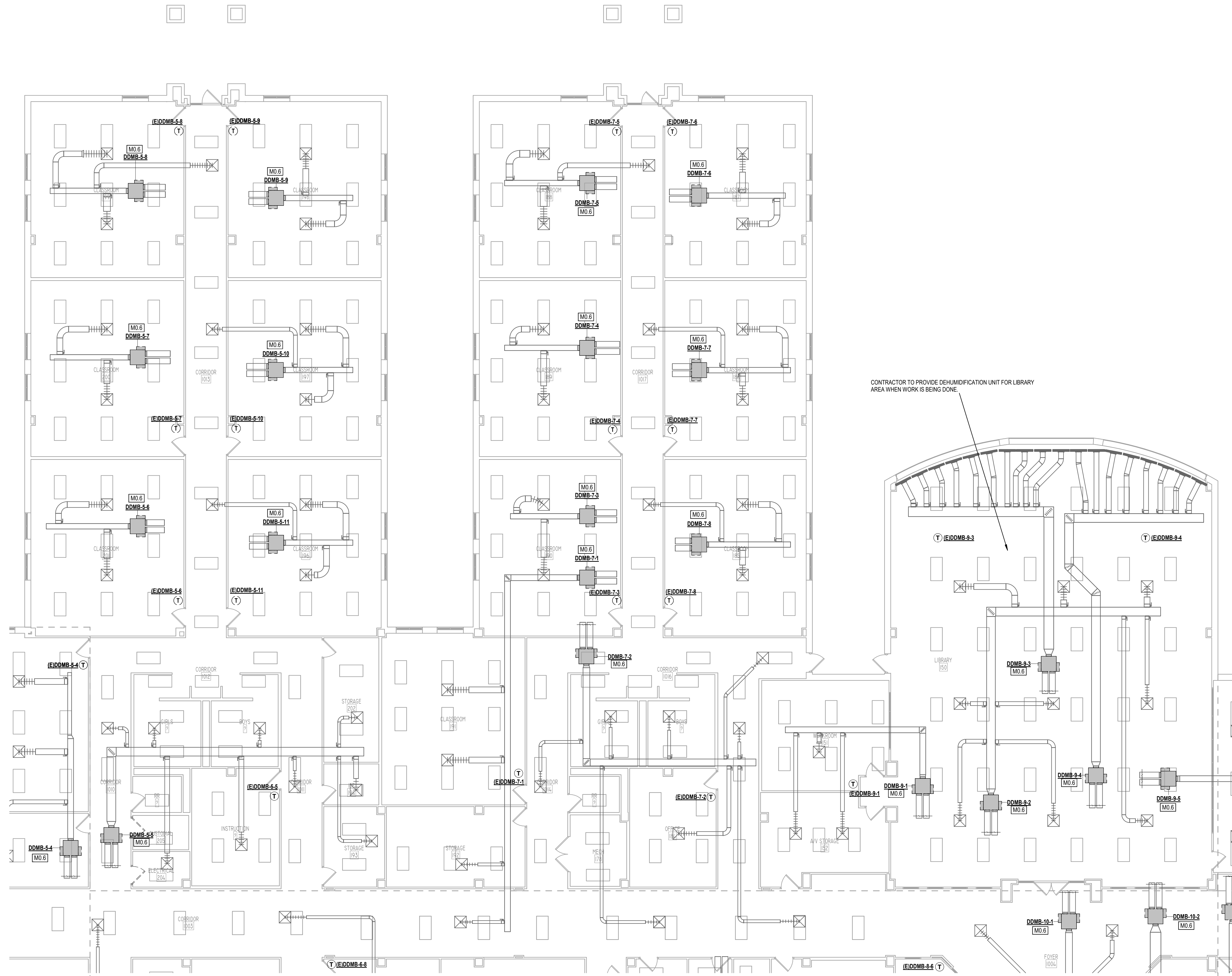
M32.01B

MECHANICAL KEYED NOTES

M0.6 REMOVE EXISTING DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. ALL ASSOCIATED DUCT CONNECTIONS AND ELECTRICAL COMPONENTS THAT WILL NOT BE REUSED SHALL BE REMOVED. COORDINATE DEMOLITION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF DEMOLITION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.

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CONTRACTOR TO PROVIDE DEHUMIDIFICATION UNIT FOR LIBRARY AREA WHEN WORK IS BEING DONE.



1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT B
 M32.01B 1/8" = 1'-0"

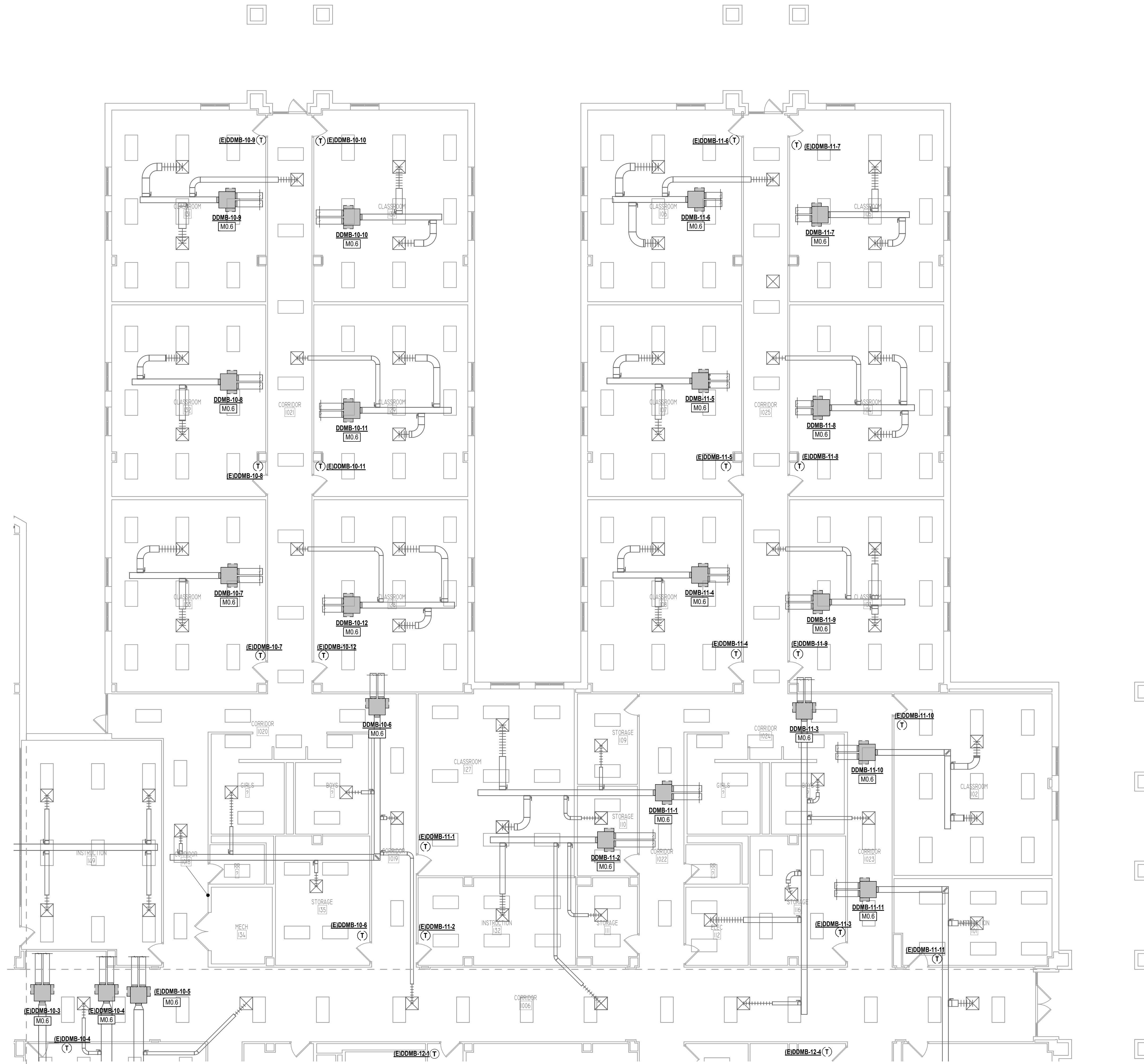


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 DBR Project # 240244
 EK RMT/DL/BMS/TN/JL/LG/SS

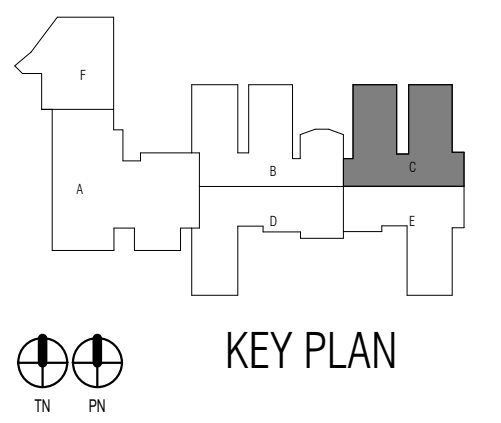
MECHANICAL KEYED NOTES

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M32.01C MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT C
1/8" = 1'-0"



KEY PLAN



ISSUED: 11/14/2024

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Designer Quality Control
Designer
Proj. Arch.
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PROJECT NO.

24-045.00

SHEET TITLE

WEBE - DEMO
MECHANICAL PLAN - UNIT
C

SHEET NO.

M32.01C



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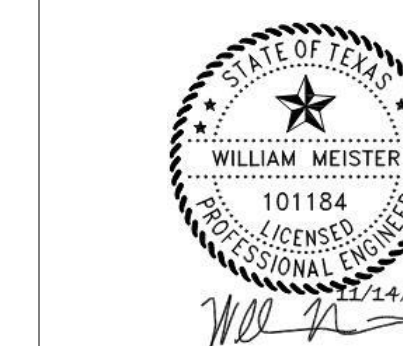
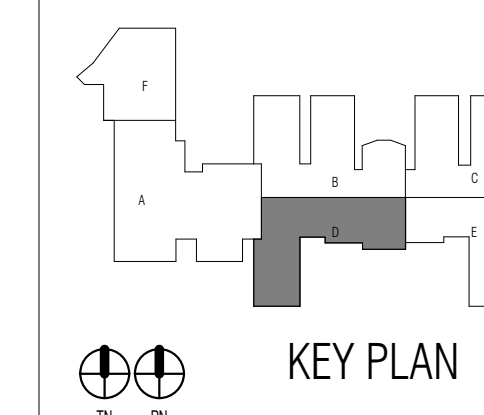
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CCISD PROJECT NO:
2025.401



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24-045.00

SHEET TITLE

WEBE - DEMO
MECHANICAL PLAN - UNIT
D

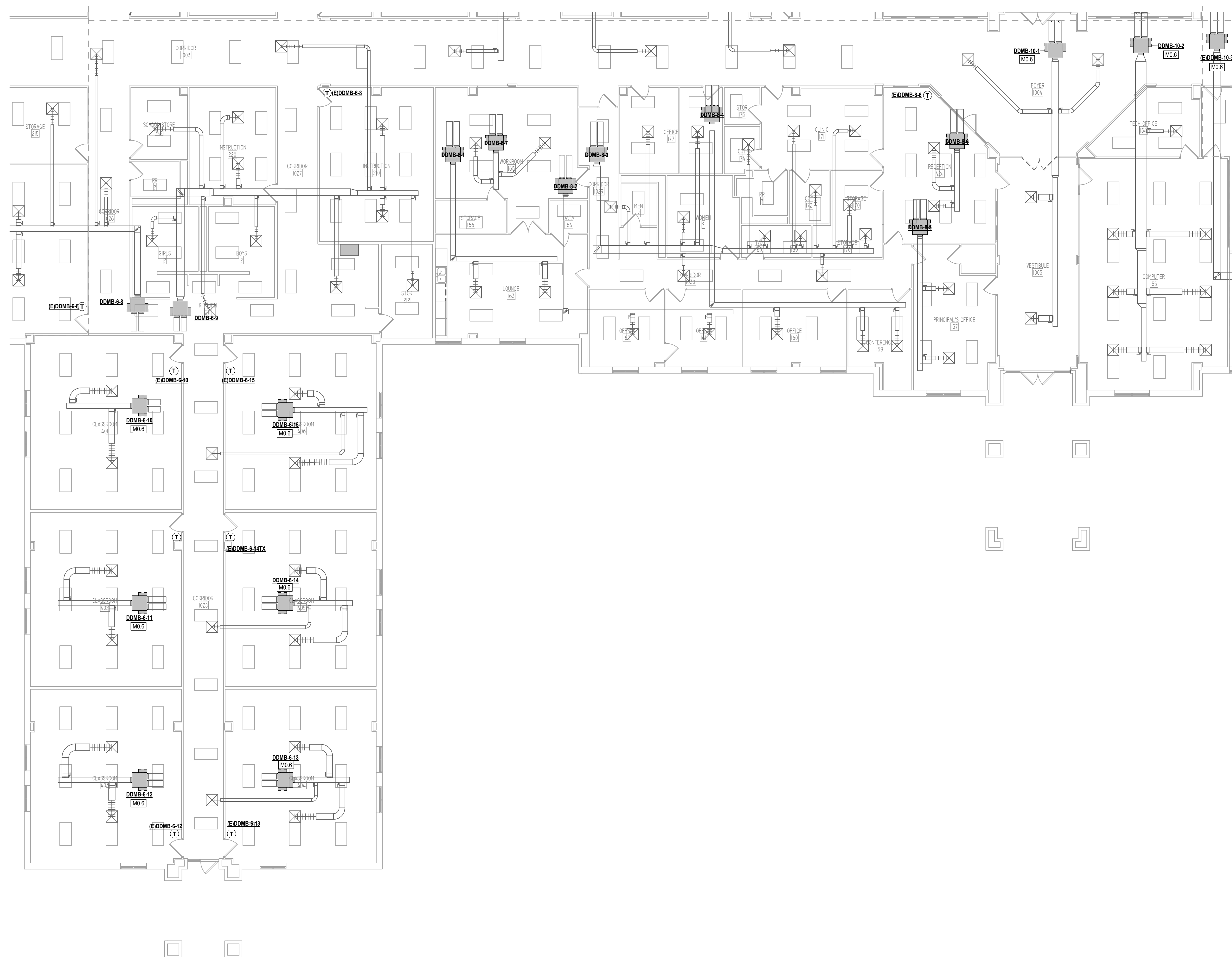
SHEET NO.

M32.01D

MECHANICAL KEYED NOTES

M0.6 REMOVE EXISTING DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. ALL ASSOCIATED DUCT CONNECTIONS AND ELECTRICAL COMPONENTS THAT WILL NOT BE REUSED SHALL BE REMOVED. COORDINATE DEMOLITION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF DEMOLITION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.

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1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT D
M32.01D 1/8" = 1'-0"



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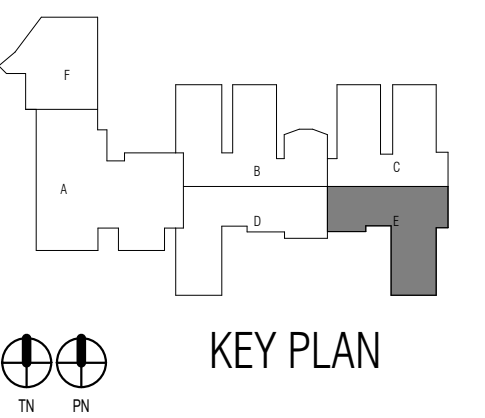
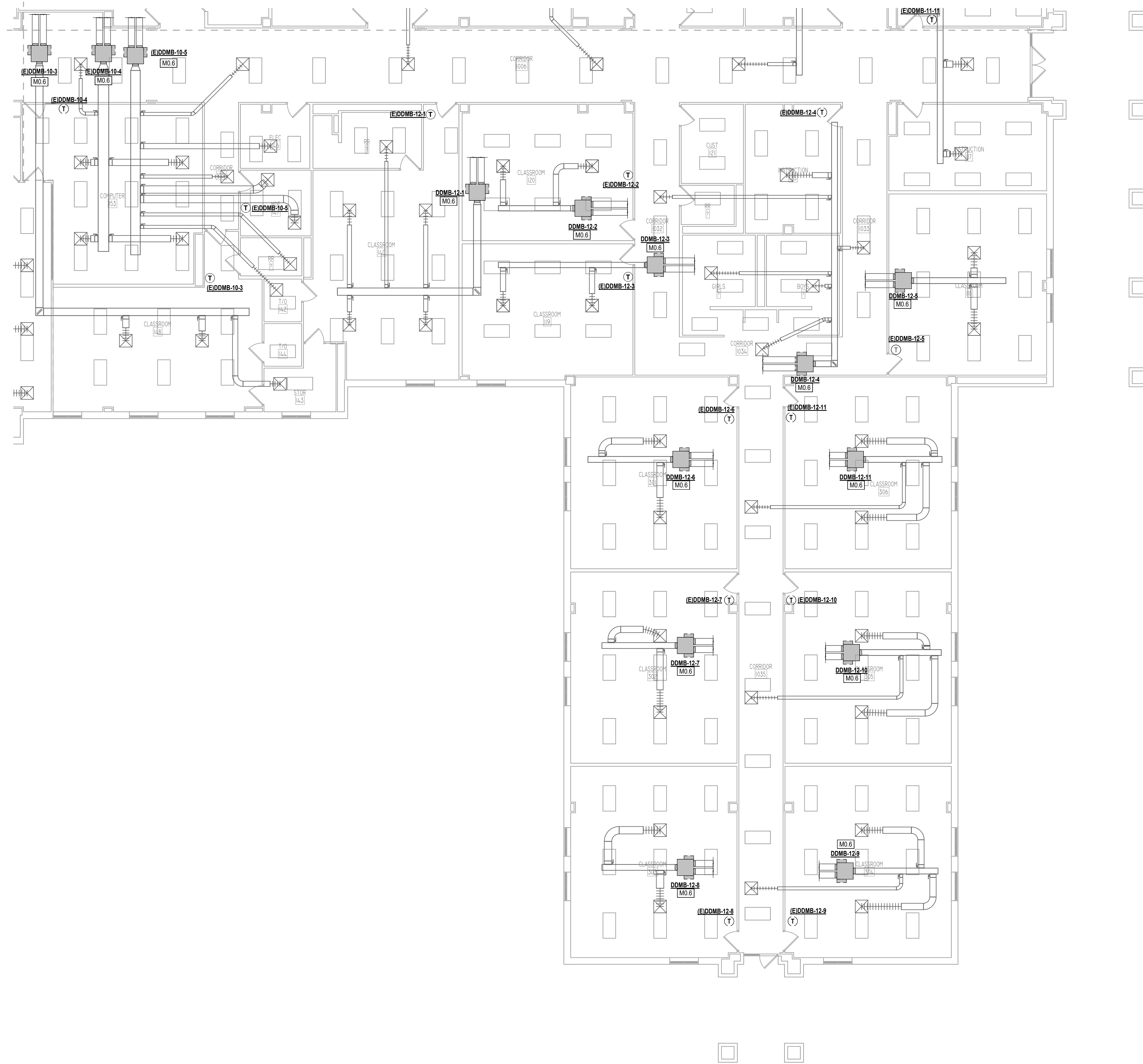
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MECHANICAL KEYED NOTES

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KEY PLAN



ISSUED: 11/14/2024

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PROJECT NO.

24-045.00

SHEET TITLE

WEBE - DEMO
 MECHANICAL PLAN - UNIT
 E

SHEET NO.

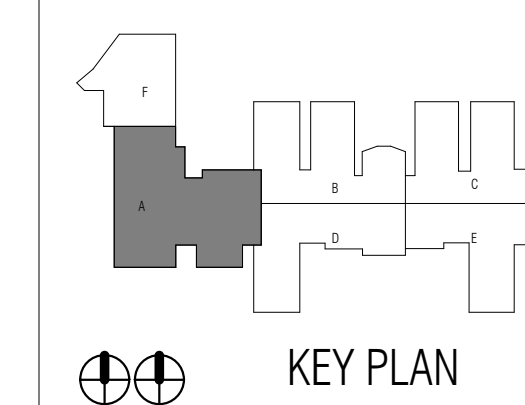
M32.01E

1 MECHANICAL PLAN - LEVEL ONE - DEMO - UNIT E
 M32.01E 1/8" = 1'-0"



CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs BAUE GILE WEBE



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 REVISIONS

Revision No. Revision Date

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 DBR

PROJECT NO.
 24-045.00

SHEET TITLE
 WEBE - MECHANICAL PLAN
 - UNIT A

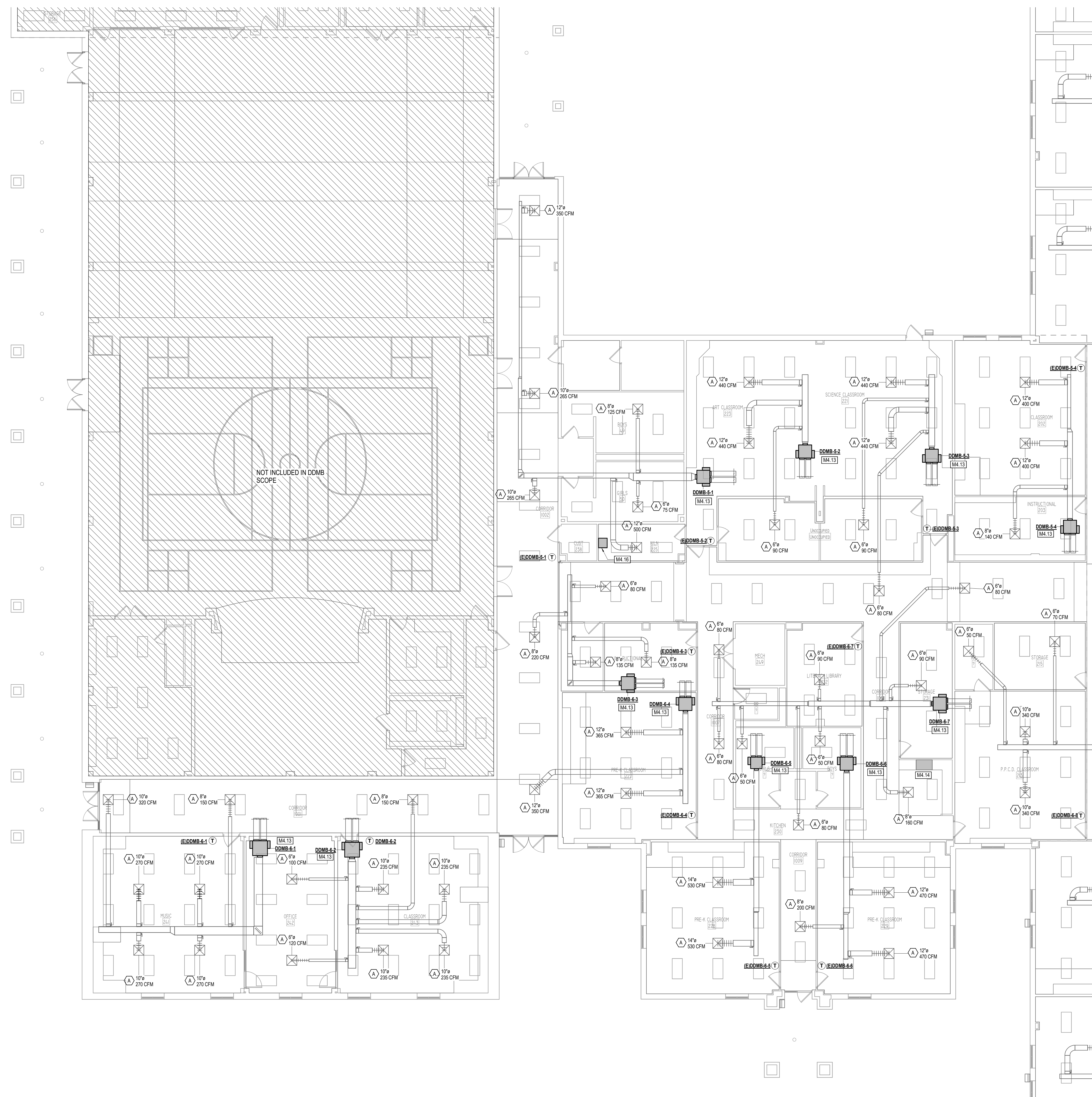
SHEET NO.

M32.11A

MECHANICAL KEYED NOTES

- M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 03/05/21.
- M4.14 INSTALL NEW GUARDIAN III ANSLU SYSTEM WITHIN EXISTING HOOD SYSTEM AT THE APPROXIMATE LOCATION SHOWN. INSTALL HANGERS, SUPPORTS, CONDUIT AS NECESSARY. COORDINATE INSTALLATION WITH ELECTRICAL AND INTERIOR FINISHES AS SHOWN ON PLANS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.
- M4.16 PROVIDE AND INSTALL "VENT-A-KIN" EXHAUST HOOD AND FAN ASSEMBLY. LOCATE ROUTE IF FLEXIBLE DUCT FROM OUTLET OF HOOD UP TO CEILING. ROUTE 6" RIGO JUST BELOW CEILING UP THROUGH ROOF. TERMINATE DUCT ABOVE ROOF MODEL RFC-7. ROOF CAP SHALL BE CONSTRUCTED OF ALUMINUM AND SHALL DUCT SHALL BE ROUTED WITHIN FIRE-RATED ENCLOSURE FROM CEILING PENETRATION TO ROOF PENETRATION. RE: DETAIL 04/08/00

GENERAL NOTE:
 THE SEQUENCING FOR THE REPLACEMENT OF THE DUAL DUCT BOXES AND AIR HANDLING UNITS (AHUs) SHALL NOT CONFLICT WITH ANY OF THE INTERIORS SCOPE OF WORK FOR THIS PROJECT AT THE GIVEN CAMPUS. FOR EXAMPLE, IF THERE IS INTERIOR WORK OCCURRING IN AREA A, THEN THE DUAL DUCT BOX AND AHU REPLACEMENT WORK SHALL NOT TAKE PLACE IN AREA A UNTIL THE INTERIOR WORK IS COMPLETE. THE NEW INTERIOR WORK SHALL NOT BE INSTALLED IN AN AREA OF THE BUILDING THAT IS WITHOUT AIR CONDITIONING DUE TO THE DUAL DUCT REPLACEMENT, NOTE THAT ALL AIR TERMINALS ARE TO REMAIN. CFM'S ARE INCLUDED FOR BALANCING PURPOSES.



NOT INCLUDED IN DDMB SCOPE

1 MECHANICAL PLAN - LEVEL ONE - UNIT A
 M32.11A 1/8" = 1'-0"



CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs BAUE GILE WEBE

MECHANICAL KEYED NOTES

M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTAT, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 03/05/24.

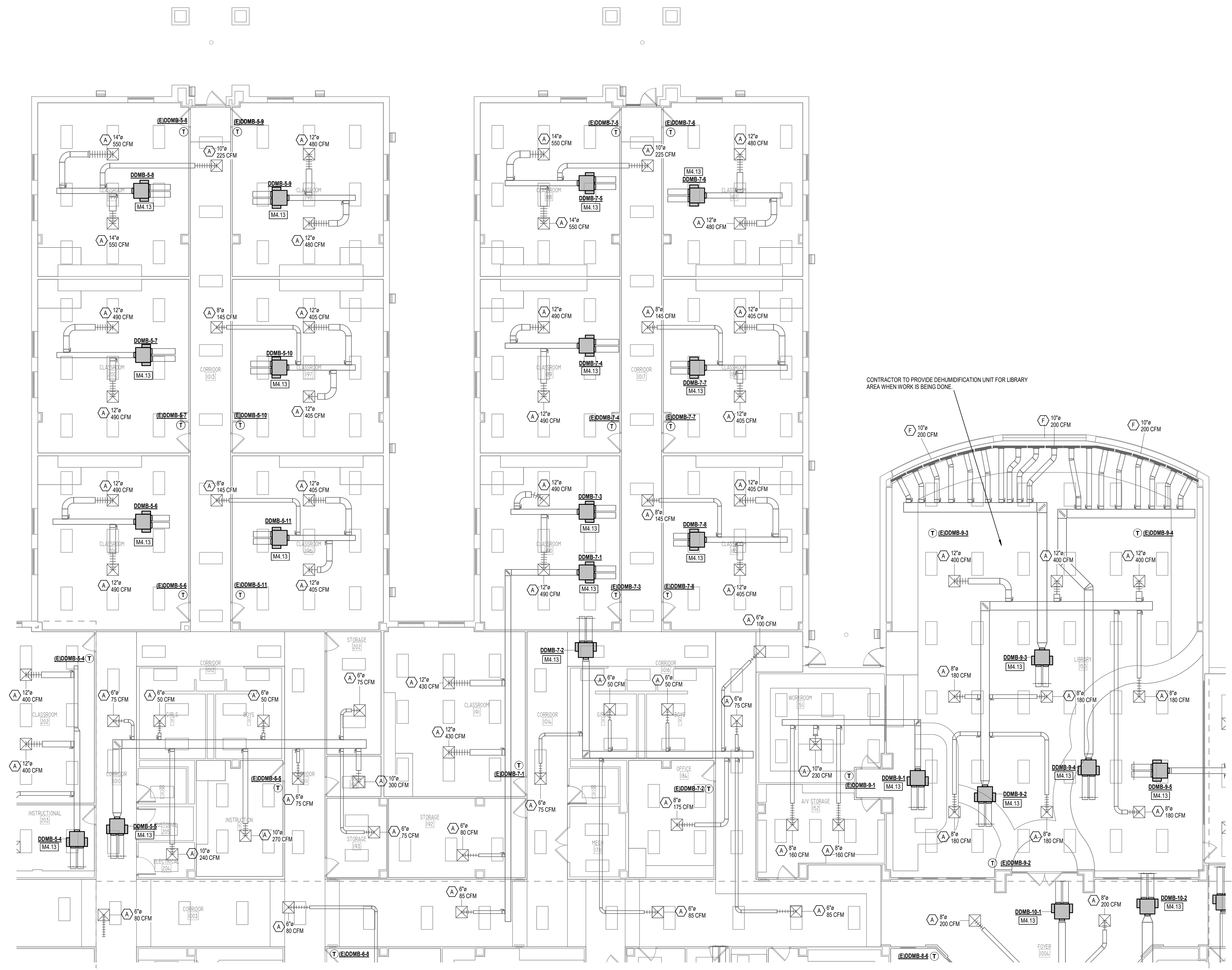
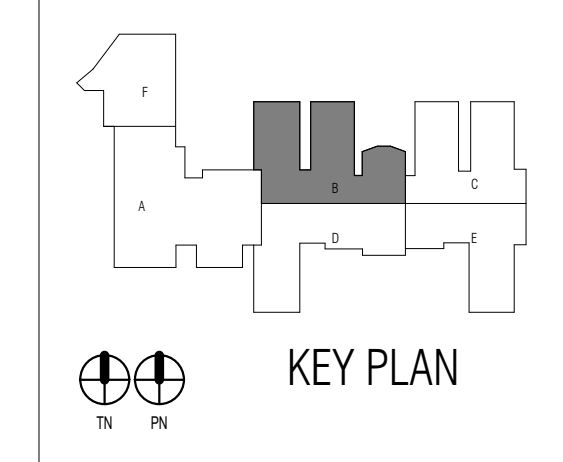
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1 MECHANICAL PLAN - LEVEL ONE - UNIT B
M32.11B 1/8" = 1'-0"

ISSUED: 11/14/2024
REVISIONS
Revision No. Revision Date

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Approver DBR
Designer Quality Control
Designer
Proj. Arch.
DBR

PROJECT NO.
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SHEET TITLE
WEBE - MECHANICAL PLAN
- UNIT B
SHEET NO.

M32.11B



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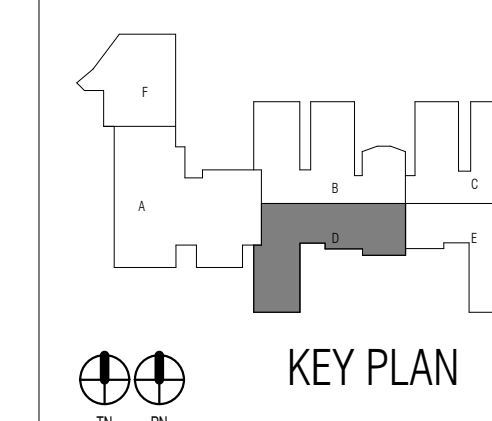
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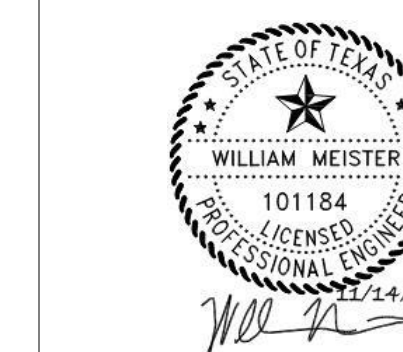
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SHEET TITLE

WEBE - MECHANICAL PLAN
- UNIT D

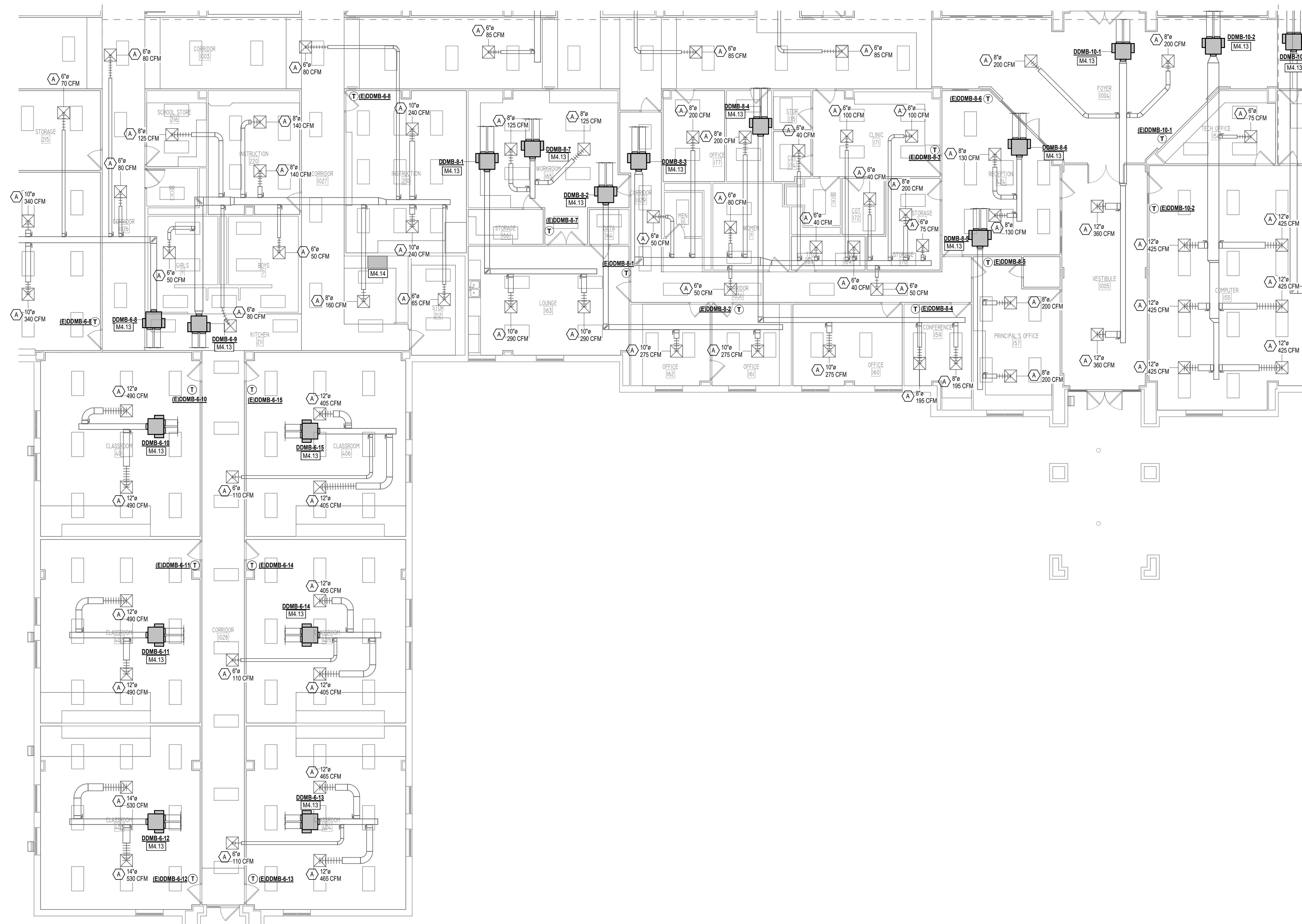
SHEET NO.

M32.11D

MECHANICAL KEYED NOTES

- M4.13 PROVIDE NEW DUAL DUCT MIXING BOXES BUILDING WIDE AT THE APPROXIMATE LOCATIONS SHOWN. CONNECT NEW DUAL DUCT MIXING BOX TO EXISTING DUCTWORK, THERMOSTATS, ETC. COORDINATE INSTALLATION OF DUAL DUCT MIXING BOXES WITH THE INTERIOR FINISHES AS SHOWN ON ARCHITECTURAL SHEETS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES. RE: 03M05.01.
- M4.14 INSTALL NEW GUARDIAN III ANSUL SYSTEM WITHIN EXISTING HOOD SYSTEM AT THE APPROXIMATE LOCATION SHOWN. INSTALL HANGERS, SUPPORTS, CONDUIT AS NECESSARY. COORDINATE INSTALLATION WITH ELECTRICAL AND INTERIOR FINISHES AS SHOWN ON PLANS. ENSURE TIMING OF INSTALLATION ALIGNS TO MINIMIZE IMPACT ON OTHER TRADES.

GENERAL NOTE:
THE SEQUENCING FOR THE REPLACEMENT OF THE DUAL DUCT BOXES AND AIR HANDLING UNITS (AHUs) SHALL NOT CONDUCE WITH ANY OF THE INTERIORS SCOPE OF WORK FOR THIS PROJECT AT THE GIVEN CAMPUS. FOR EXAMPLE IF THERE IS INTERIOR WORK OCCURRING IN AREA A, THEN THE DUAL DUCT BOX AND AHU REPLACEMENT WORK SHALL NOT TAKE PLACE IN AREA A UNTIL THE INTERIOR WORK IS COMPLETE. THE NEW INTERIOR WORK SHALL NOT BE INSTALLED IN AN AREA OF THE BUILDING THAT IS WITHOUT AIR CONDITIONING DUE TO THE DUAL DUCT REPLACEMENT. NOTE THAT ALL AIR TERMINALS ARE TO REMAIN. CFMS ARE INCLUDED FOR BALANCING PURPOSES.



1 MECHANICAL PLAN - LEVEL ONE - UNIT D
M32.11D 1/8" = 1'-0"

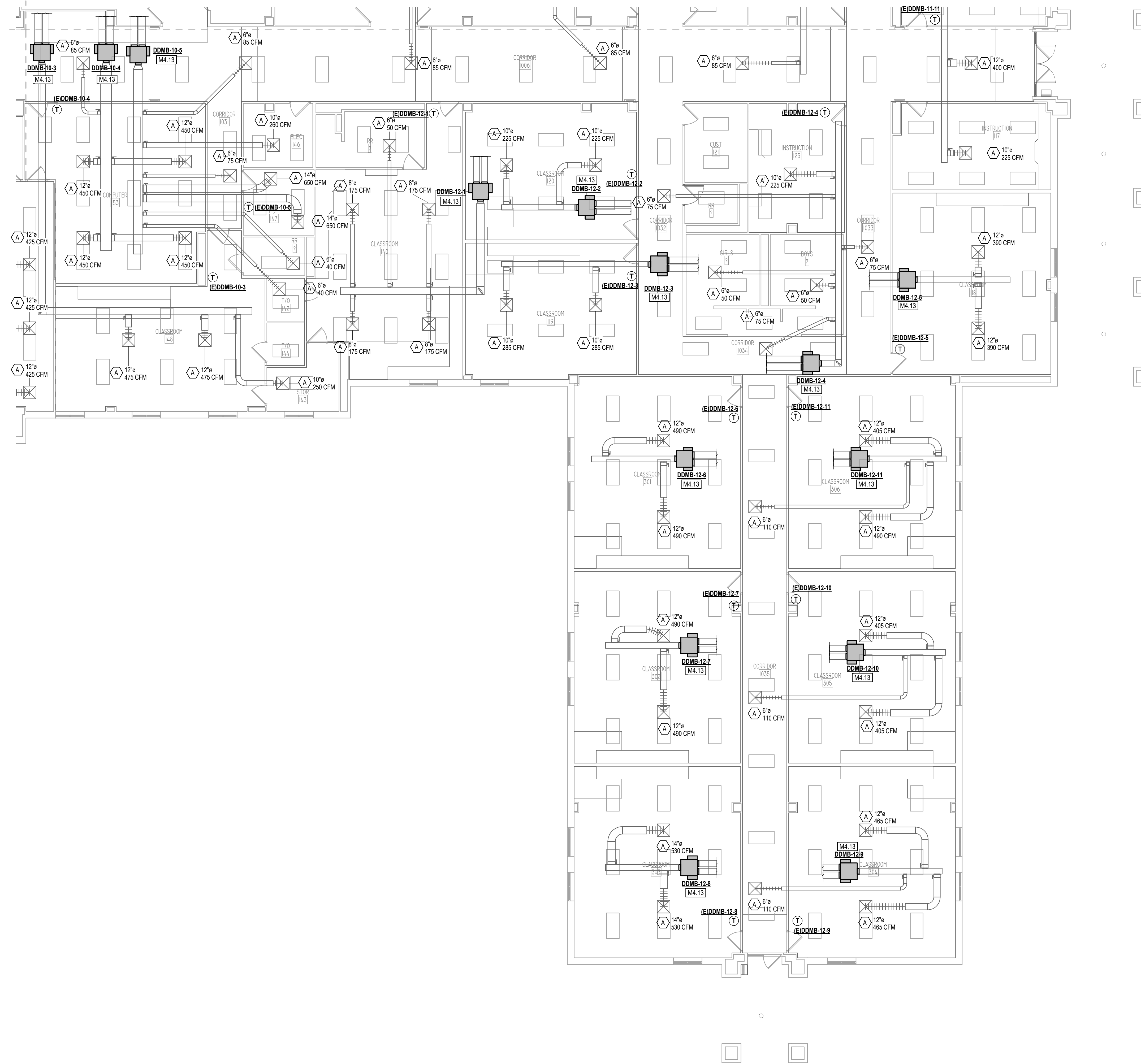


EK RM/TDL/BMS/TN/JUL/LG/SS

MECHANICAL KEYED NOTES

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GENERAL NOTE:
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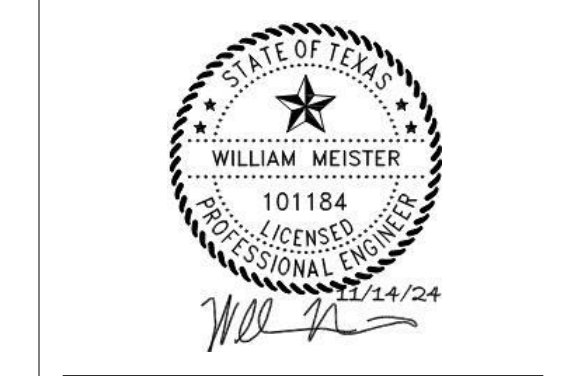
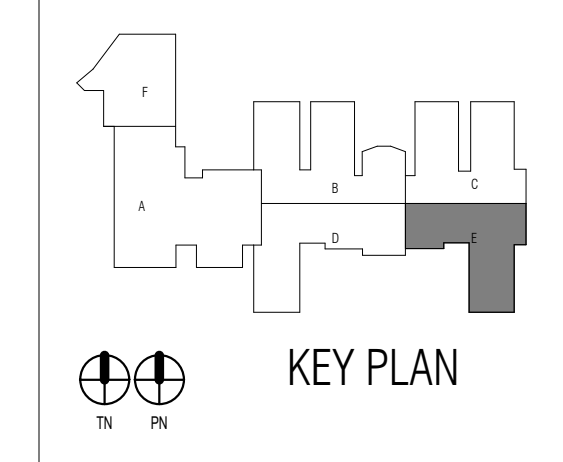


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DBR

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SHEET TITLE
WEBE - MECHANICAL PLAN
- UNIT E
SHEET NO.

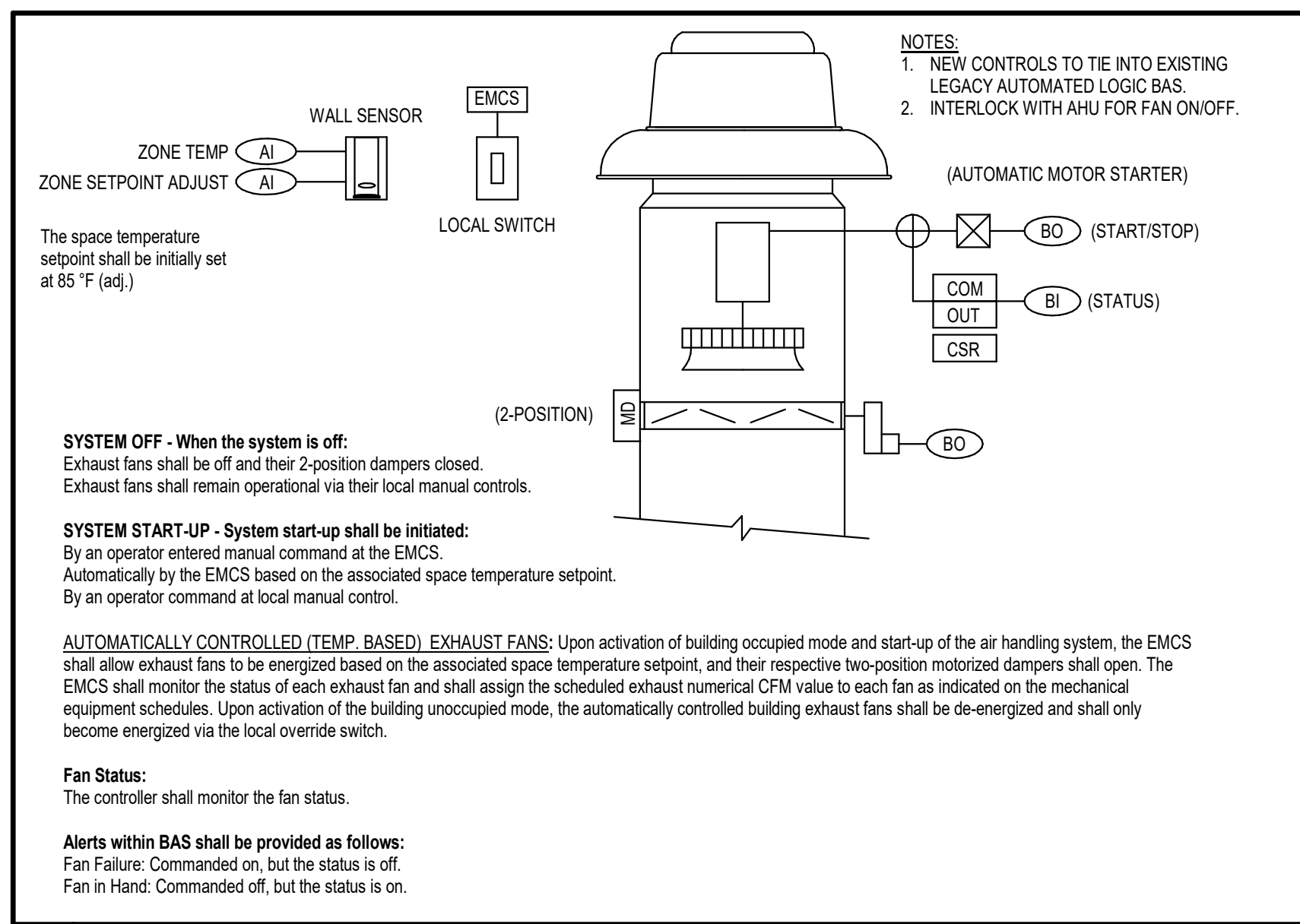
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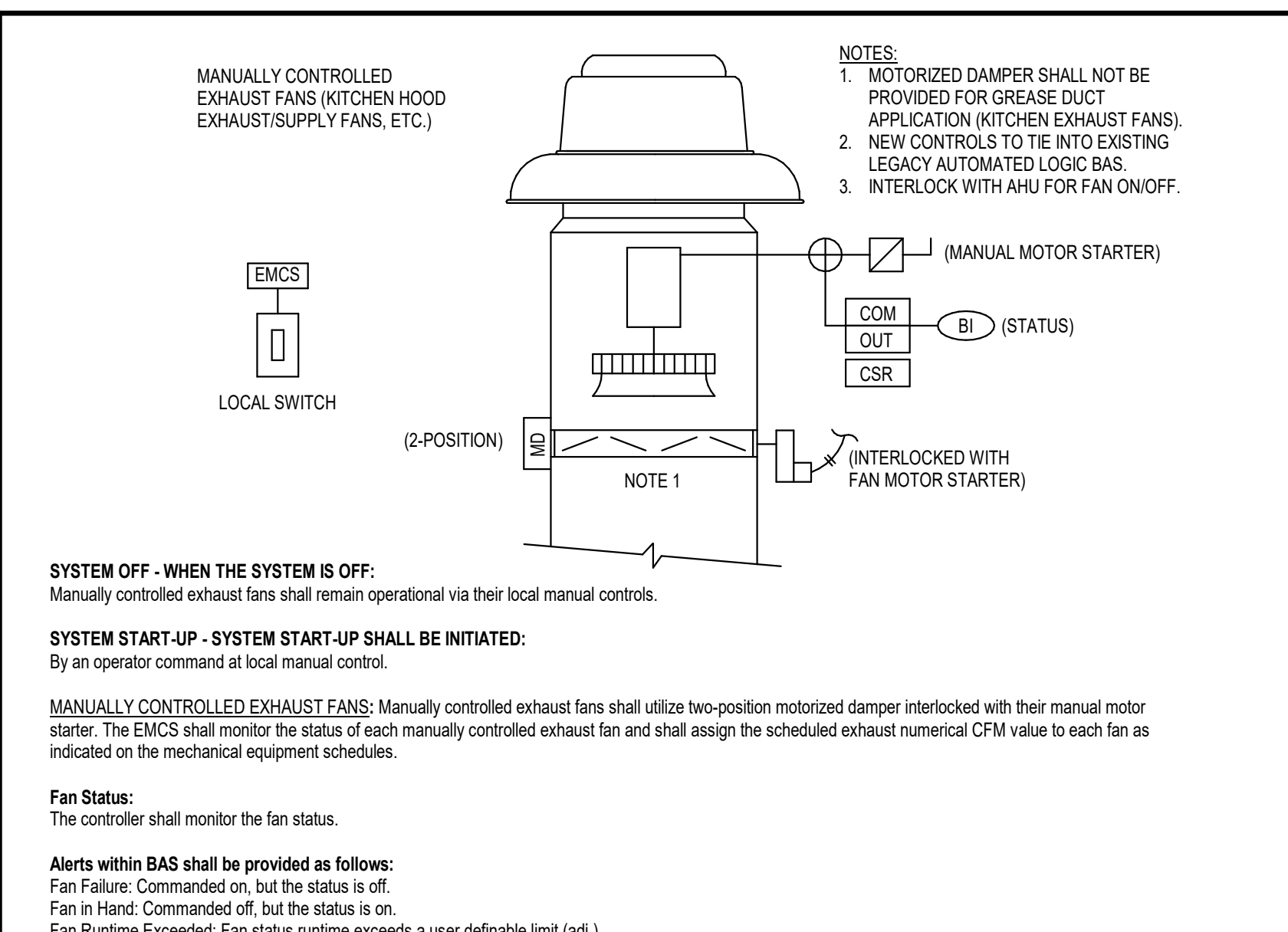
1 MECHANICAL PLAN - LEVEL ONE - UNIT E
M32.11E 1/8" = 1'-0"



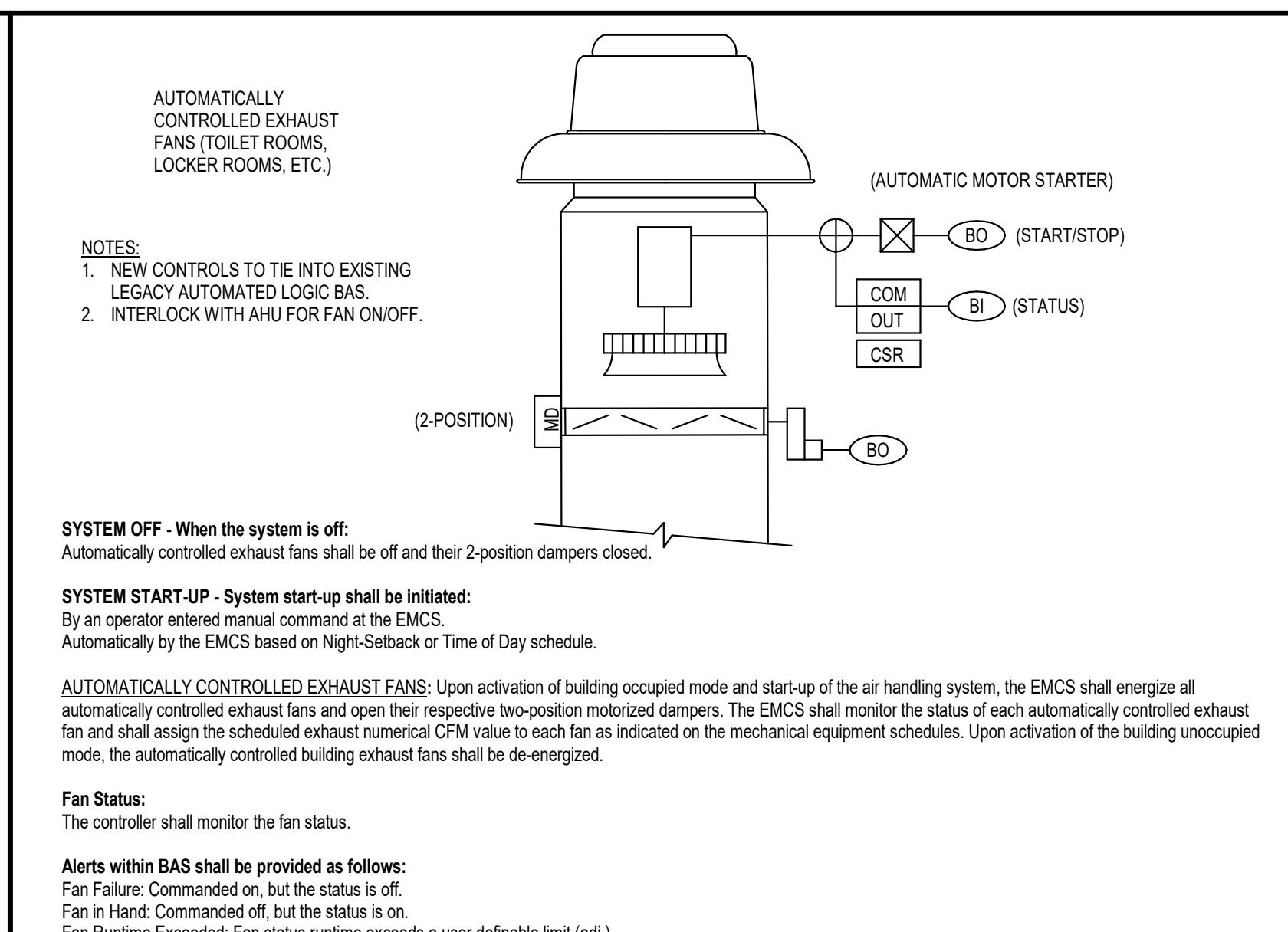
CCISD Priority Repairs BAUE GILE WEBE



4 Automatically Controlled Temperature Based Exhaust Fans with Local Override Switch - Control Schematic and Sequence of Operations
 NOT TO SCALE



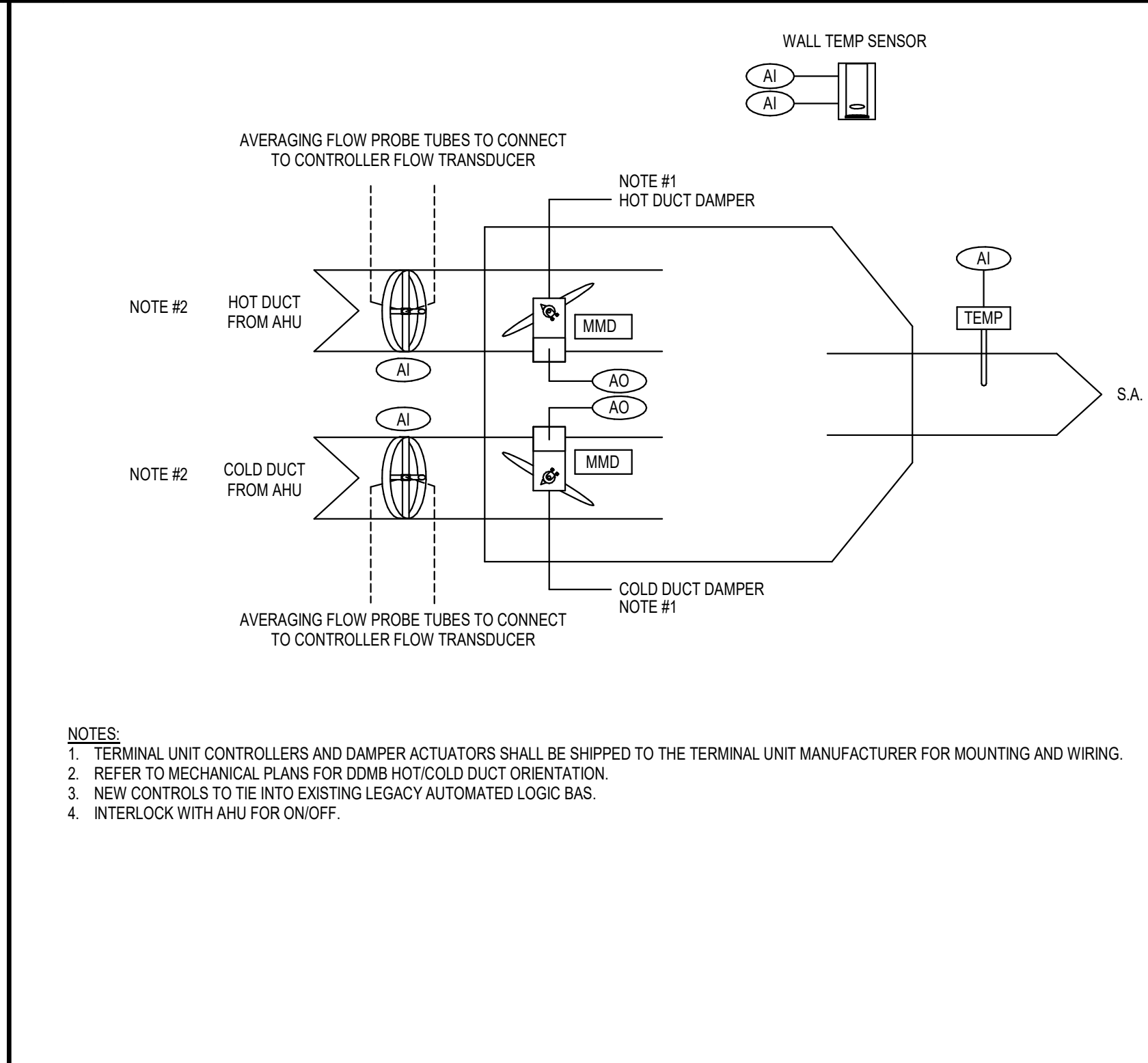
3 Manually Controlled Exhaust/Supply Fans - Control Schematic and Sequence of Operations
 NOT TO SCALE



2 Automatically Controlled Exhaust/Supply Fans - Control Schematic and Sequence of Operations
 NOT TO SCALE

CONTROL SCHEMATIC LEGEND
 NOT TO SCALE

AI	ANALOG INPUT	SI	WALL SENSOR
AO	ANALOG OUTPUT	T	THERMOSTAT
DIBI	DIGITALBINARY INPUT	CO2	CARBON DIOXIDE SENSOR
DOBDO	DIGITALBINARY OUTPUT	SP	SET POINT
MD	ON-OFF MOTORIZED DAMPER	SIA	SUPPLY AIR
MMD	MODULATING TYPE MOTORIZED DAMPER	RIA	RETURN AIR
AFMS	AIR FLOW MEASURING STATION	OIA	OUTSIDE AIR
MCV	CONTROL VALVE MODULATING TYPE	HC	HEATING COIL
VFD	VARIABLE FREQUENCY DRIVE	CC	COOLING COIL
CSR	CURRENT SENSING RELAY	DX	DIRECT EXPANSION COOLING COIL
FRZ	FREEZE/STAT	PICCV	PRESSURE INDEPENDENT CHARACTERIZED CONTROL VALVE
HSL	HIGH STATIC LIMIT	AFV	AIRFLOW CROSS
SPT	STATIC PRESSURE TRANSMITTER	DPS	DIFFERENTIAL PRESSURE SWITCH
DPT	DIFFERENTIAL PRESSURE TRANSDUCER		
FM	FLOW METER		
FS	FLOW SWITCH		
DAT	DISCHARGE AIR TEMPERATURE SENSOR		



5 Dual Duct Mixing Box - Control Schematic and Sequence of Operations
 NOT TO SCALE



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24-045.00

SHEET TITLE

WEBE - MECHANICAL CONTROL DIAGRAMS

SHEET NO.

M34.01

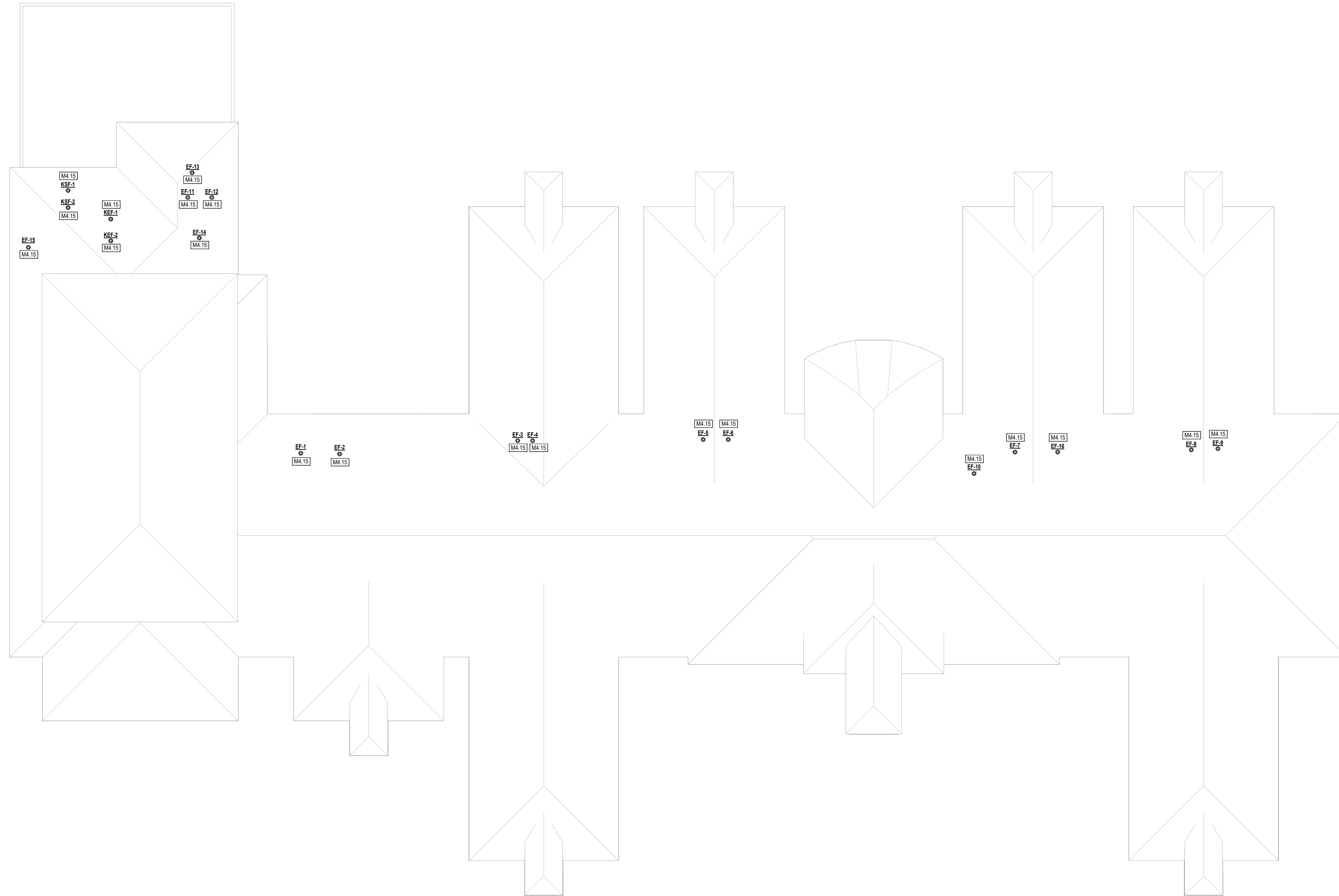
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GENERAL NOTE:
 EXISTING ROOF IS UNDER WARRANTY, MECHANICAL SUB CONTRACTOR TO TAKE LIABILITY FOR ANY AND ALL DAMAGE TO ROOF WHILE FANS ARE BEING REPLACED. ANY AND ALL WORK ON AND AROUND THE ROOF SHALL BE DONE SUCH THAT THE MANUFACTURERS ROOFING WARRANTY IS MAINTAINED.

MECHANICAL KEYED NOTES

M4.15 PROVIDE ROOF MOUNTED FAN AT APPROXIMATE LOCATION SHOWN. FAN TO BE INSTALLED IN SAME PLACE THAT EXISTING FAN WAS. PROVIDE FAN WITH ROOF CURB, ACCESSORIES, ETC. AS NECESSARY FOR REWORKING. RE: 05M35.01.



1 MECHANICAL ROOF PLAN
 M35.00 1" = 20'-0"

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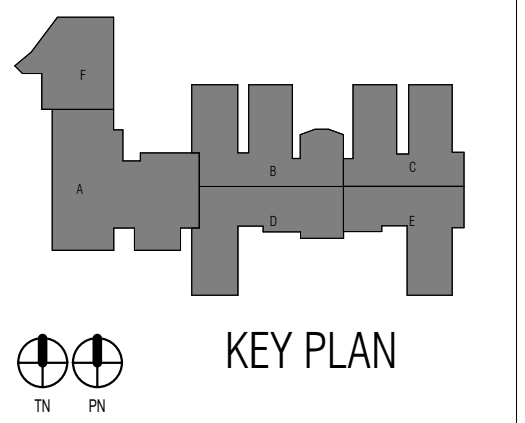
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SHEET TITLE

WEBE - MECHANICAL ROOF PLAN

SHEET NO.

M35.00



CCISD Priority Repairs BAUE GILE WEBE

FAN SCHEDULE										
MARK	EF-1	EF-2	EF-3	EF-4	EF-5	EF-6	EF-7	EF-8	EF-9	EF-10
SERVES	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	MDF
TYPE/DRIVE	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT
INTERLOCK	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS
CFM (MIN./MAX.)	1,100	700	800	700	700	750	700	700	995	2,000
EXT. S.P. (IN. W.G.)	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
HORSEPOWER	1/3	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3/4
FAN SPEED (RPM)	1,513	1,250	1,353	1,250	1,250	1,301	1,250	1,250	1,406	1,236
SONES (MAX.)	9.2	8.2	9.2	8.2	8.2	8.6	8.2	8.2	8.3	11.5
VOLTS/PHASE/HERTZ	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL NUMBER	GB-100-3	GB-099-4	GB-099-4	GB-099-4	GB-099-4	GB-099-4	GB-099-4	GB-100-4	GB-100-4	GB-140-7
NOTES	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	1,7,8,9,10,11	2,7,8,9,10,11

MARK	EF-11	EF-12	EF-13	EF-14	EF-15	EF-16	KEF-1	KEF-2	KSF-1	KSF-2
SERVES	CENTRAL PLANT	CENTRAL PLANT	ELECTRICAL	DISHWASHER	KIT. TOILET	RESTROOMS	KITCHEN HOOD	KITCHEN HOOD	KITCHEN HOOD	KITCHEN HOOD
TYPE/DRIVE	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/DIRECT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT	CENT/BELT
INTERLOCK	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS	EMCS
CFM (MIN./MAX.)	1000/2000	5,000	2,500	1,200	150	420	3,450	3,600	2,070	2,160
EXT. S.P. (IN. W.G.)	0.500	0.250	0.250	0.625	0.375	0.375	1.625	1.625	0.750	0.750
HORSEPOWER	3/4	1/2	3/4	1/3	1/6	1/6	2	3	1	1
FAN SPEED (RPM)	1,586	977	1,438	1,339	1,134	1,173	1,382	1,404	978	993
SONES (MAX.)	15.3	15.9	15.7	11.6	4.9	6.0	18.7	19.4	12.1	12.5
VOLTS/PHASE/HERTZ	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL NUMBER	G-130-VG	GB-200-15	GB-140-7	CUBE-120-3	GB-097-6	GB-098-6	CUBE-180-20	CUBE-180-30	RSF-100-10	RSF-100-10
NOTES	5,7,8,9,10,11	2,7,8,9,10,11	2,7,8,9,10,11	4,7,8,9,10,11	6,7,8,9,10,11	6,7,8,9,10,11	3,7,8,9,10,11	3,7,8,9,10,11	3,7,8,9,10,11	3,7,8,9,10,11

NOTES:

- FAN SHALL BE INTERLOCKED WITH AIR HANDLING UNIT SERVING THIS AREA FOR SIMULTANEOUS OPERATION.
- FAN SHALL BE CONTROLLED BY EMCS BASED ON SIGNAL FROM TEMPERATURE SENSOR. FAN SHALL BE ENERGIZED WHEN ROOM TEMPERATURE RISES ABOVE SETPOINT.
- FAN SHALL BE STARTED AND STOPPED BY SWITCH ON OR NEAR KITCHEN HOOD. EXHAUST FAN AND SUPPLY FAN SERVING THE SAME HOOD SHALL BE INTERLOCKED FOR SIMULTANEOUS OPERATION.
- FAN SHALL BE INTERLOCKED WITH DISHWASHER HOOD AND SHALL HAVE A TIMED RELAY. FAN SHALL BE ENERGIZED WHEN DISHWASHER IS ACTIVATED AND SHALL RUN FOR A MINIMUM OF 10 MINUTES.
- REFRIGERATION MACHINERY ROOM VENTILATION FAN SHALL OPERATE CONTINUOUSLY AT LOW SPEED TO EXHAUST AIR FROM ROOM AT A RATE OF 1000 CFM. WHEN THE REFRIGERANT MONITORING AND ALARM DETECTS A REFRIGERANT LEAK, THE FAN SHALL BE SWITCHED TO HIGH SPEED TO EXHAUST AIR FROM THE ROOM AT A RATE OF 2000 CFM.
- TOILET ROOM EXHAUST FAN SHALL BE SWITCHED WITH LIGHTS.
- EXTERNAL STATIC PRESSURE DOES NOT ACCOUNT FOR LOSSES DUE TO FILTERS, HOUSING, NOR ACCESSORIES.
- PROVIDE WITH 12" PREFABRICATED ROOF CURB, WEATHERPROOF DISCONNECT SWITCH, AND ALUMINUM BIRD SCREEN.
- PROVIDE WITH MOTORIZED DAMPER INTERLOCKED WITH FAN OPERATION SUCH THAT DAMPER SHALL OPEN WHEN FAN IS ENERGIZED AND SHUT WHEN FAN IS DE-ENERGIZED. DAMPER SHALL BE INSTALLED IN ACCESSIBLE LOCATION.
- PROVIDE WITH DIRECT DRIVE, ELECTRONICALLY COMMUTATED FAN MOTOR (ECM).
- PAINT TO MATCH EXISTING ROOF.

DUAL DUCT MIXING BOX SCHEDULE										
MARK	MAX COOLING CFM	MAX HEATING CFM	MIN CFM	INLET SIZE (IN.)		OUTLET (IN.)	MFR	MODEL NO.		
				COLD	HOT					
DDMB-5-1	1,880	1,580	475	14"0	14"0	12"x16"	TITUS	DMDV		
DDMB-5-2	970	970	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-5-3	1,050	1,050	315	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-5-4	940	940	285	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-5-5	1,285	1,285	390	14"0	14"0	12"x16"	TITUS	DMDV		
DDMB-5-6	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-5-7	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-5-8	1,325	1,325	400	14"0	14"0	12"x16"	TITUS	DMDV		
DDMB-5-9	960	960	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-5-10	955	955	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-5-11	955	955	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-6-1	1,550	1,550	465	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-6-2	1,310	1,310	395	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-6-3	570	570	175	9"0	9"0	10"x11"	TITUS	DMDV		
DDMB-6-4	1,080	1,080	325	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-6-5	1,060	1,060	320	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-6-6	1,140	1,140	345	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-6-7	840	840	255	10"0	10"0	10"x11"	TITUS	DMDV		
DDMB-6-8	960	960	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-6-9	1,370	1,370	415	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-6-10	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-6-11	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-6-12	1,060	1,060	320	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-6-13	1,040	1,040	315	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-6-14	920	920	280	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-6-15	920	920	280	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-7-1	1,025	1,025	310	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-7-2	770	770	235	10"0	10"0	10"x11"	TITUS	DMDV		
DDMB-7-3	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-7-4	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-7-5	1,325	1,325	400	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-7-6	960	960	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-7-7	955	955	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-7-8	955	955	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-8-1	580	580	175	9"0	9"0	10"x11"	TITUS	DMDV		
DDMB-8-2	550	550	165	9"0	9"0	10"x11"	TITUS	DMDV		
DDMB-8-3	1,315	1,315	395	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-8-4	665	665	200	10"0	10"0	10"x11"	TITUS	DMDV		
DDMB-8-5	400	400	120	8"0	8"0	7"x8"	TITUS	DMDV		
DDMB-8-6	260	260	80	6"0	6"0	6"x6"	TITUS	DMDV		
DDMB-8-7	250	250	75	6"0	6"0	6"x6"	TITUS	DMDV		
DDMB-9-1	550	550	165	9"0	9"0	10"x11"	TITUS	DMDV		
DDMB-9-2	2,280	2,280	685	16"0	16"0	15" x 16"	TITUS	DMDV		
DDMB-9-3	2,000	2,000	600	14"0	14"0	15" x 16"	TITUS	DMDV		
DDMB-9-4	1,600	1,600	480	16"0	16"0	12" x 16"	TITUS	DMDV		
DDMB-9-5	600	600	180	9"0	9"0	10"x11"	TITUS	DMDV		
DDMB-10-1	1,120	1,120	340	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-10-2	2,625	2,625	790	16"0	16"0	15" x 16"	TITUS	DMDV		
DDMB-10-3	1,200	1,200	360	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-10-4	1,885	1,885	570	16"0	16"0	15" x 16"	TITUS	DMDV		
DDMB-10-5	1,800	1,800	540	16"0	16"0	15" x 16"	TITUS	DMDV		
DDMB-10-6	710	710	215	10"0	10"0	10"x11"	TITUS	DMDV		
DDMB-10-7	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-10-8	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-10-9	1,325	1,325	400	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-10-10	960	960	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-10-11	955	955	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-10-12	955	955	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-11-1	1,040	1,040	315	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-11-2	450	450	135	8"0	8"0	7"x8"	TITUS	DMDV		
DDMB-11-3	800	800	240	10"0	10"0	10"x11"	TITUS	DMDV		
DDMB-11-4	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-11-5	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-11-6	1,325	1,325	400	14"0	14"0	12" x 16"	TITUS	DMDV		
DDMB-11-7	960	960	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-11-8	955	955	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-11-9	955	955	290	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-11-10	780	780	235	10"0	10"0	10"x11"	TITUS	DMDV		
DDMB-11-11	850	850	255	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-12-1	750	750	225	10"0	10"0	10"x11"	TITUS	DMDV		
DDMB-12-2	450	450	135	8"0	8"0	7"x8"	TITUS	DMDV		
DDMB-12-3	570	570	175	9"0	9"0	10"x11"	TITUS	DMDV		
DDMB-12-4	550	550	165	9"0	9"0	10"x11"	TITUS	DMDV		
DDMB-12-5	780	780	235	10"0	10"0	10"x11"	TITUS	DMDV		
DDMB-12-6	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-12-7	980	980	295	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-12-8	1,060	1,060	320	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-12-9	1,040	1,040	315	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-12-10	920	920	280	12"0	12"0	11"x13"	TITUS	DMDV		
DDMB-12-11	920	920	280	12"0	12"0	11"x13"	TITUS	DMDV		

NOTES:

- PROVIDE AEROCROSS MULTI-POINT CENTER AVERAGING VELOCITY SENSORS IN EACH PRIMARY AIR INLET.
- PROVIDE MIXING BOX WITH INTEGRAL MIXER / SOUND ATTENUATOR.
- PROVIDE TERMINAL UNIT CASING WITH 1" INTERNALLY LINED FIBERGLASS FREE INSULATION.
- EMCS CONTRACTOR SHALL PROVIDE 24VAC TO EACH PRIMARY AIR INLET DAMPER ACTUATOR.



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CLEAR CREEK ISD
 HOUSTON, TEXAS
 CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs BAUE GILE WEBE



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WEBE - MECHANICAL SCHEDULES

SHEET NO.

M35.01



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CCISD Priority Repairs BAUE GILE WEBE



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REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

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SHEET TITLE

WEBE - ELECTRICAL
 GENERAL NOTES

SHEET NO.

E30.01

GENERAL LIGHTING DEMOLITION NOTES:

- A. ALL FIXTURES REMOVED AND REINSTALL SHALL BE CLEANED PRIOR TO REINSTALLATION.
- B. ALL EXISTING SWITCHING ZONES SHALL REMAIN UNCHANGED UNLESS DIRECTED OTHER ON PLANS.
- C. ALL LIGHT CIRCUIT SHALL BE DEMOLISHED AS REQUIRED BY THE DEMOLITION SCOPE ON THE DOCUMENTS. REPAIR ANY CIRCUITS THAT ARE PARTIALLY DEMOLISHED AND CONTAIN OUTLETS THAT ARE NOT IN SCOPE OR OUTSIDE OF THE LIMITS OF CONSTRUCTION TO WORKING CONDITION. PROVIDE CONDUIT AND BOXES AS NEEDED.
- D. MODIFIED LIGHTING CIRCUITS SHALL NOT EXCEED 80% CIRCUIT LOAD BASED ON CIRCUIT AMPACITY.
- E. ALL REMOVED AND REINSTALLED LIGHT FIXTURES MUST BE CLEANED, RELAMPED AS REQUIRED AND TOUCHED UP WITH PAINT. ALL DAMAGED PARTS MUST BE REPLACED. THE FIXTURES SHALL THEN BE REINSTALLED AS REQUIRED. PROVIDE NEW DRIVERS AS REQUIRED.
- F. ALL EXISTING INTERCOM/SPEAKERS SHALL BE REMOVED AND REINSTALLED AS REQUIRED TO FACILITATE RENOVATION. SUBJECT TO EXISTING EQUIPMENT OPERATION CONDITION VERIFICATION.

GENERAL DEMOLITION SCOPE NOTES:

- A. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRESENT ON SITE PRIOR TO BIDDING, AND SHALL BE EXPECTED TO PERFORM DEMOLITION AND INSTALL NEW AS SHOWN ON THE DOCUMENTS, INCLUDING SCOPE THAT MAY NOT FEASIBLY BE INDICATED ON PLAN.
- B. CONTRACTOR SHALL VERIFY AND DOCUMENT EXISTING CONDITIONS OF ALL OUTLETS (AS DEFINED BY NEC) THAT ARE INDICATED OR REQUIRED TO BE REMOVED AND REINSTALLED TO FACILITATE THE WORK REQUIRED BY ALL TRADES. WHERE OUTLETS ARE REINSTALLED IN NON-OPERABLE CONDITION, THE CONTRACTOR SHALL REPLACE AT NO COST TO THE OWNER. DOCUMENT OUTLETS IN NON-WORKING CONDITION PRIOR TO REMOVE AND NOTIFY THE OWNER.
- C. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL TO ALL REMOVED MATERIALS. CONTRACTOR SHALL COORDINATE WITH OWNER FOR LOCATION TO RETURN ANY AND ALL MATERIAL FOR OWNER STORAGE. FAILURE TO TURN OVER REMOVED MATERIAL TO OWNER MAY REQUIRE CONTRACTOR TO REPLACE EQUIPMENT REMOVED WITH NEW.
- D. REMOVE ALL ELECTRICAL DEVICES WITHIN DEMOLISHED WALLS INCLUDING RECEPTACLES, SWITCHES, DATA/TELEPHONE DROPS, FIRE ALARM DEVICES, FA DEVICES, CONDUIT AND WIRING. REMOVE CONDUIT AND WIRING BACK TO PANEL OR LAST ACTIVE JUNCTION BOX. REFER TO ARCHITECTURAL DEMO PLAN. THIS SCOPE MAY NOT BE DIRECTLY IMPLIED BY NOTES ON DEMO PLANS AS IT IS ASSUMED THIS SCOPE EXISTS BASED ON ARCHITECTURAL DEMOLITION PLANS.
- E. REFERENCE FIRE ALARM GENERAL NOTES FOR ASSOCIATED FIRE ALARM SCOPE OF WORK.
- F. ALL ABANDONED CONDUIT AND BOXES FOUND IN CRAWL SPACES, CEILING SPACES, CHASES, OR UTILITY SPACES SHALL BE REMOVED. ANY EXISTING CONDUIT THAT IS UNDERGROUND MAY BE ABANDONED.
- G. CONTRACTOR SHALL REVIEW DEMO AND NEW WORK PLANS SIMULTANEOUSLY TO IDENTIFY SCOPE THAT IS TO BE MODIFIED FOR REUSE WITH NEW SCOPE.

GENERAL POWER DEMOLITION NOTES:

- A. GENERAL DEMOLITION NOTES APPLY TO ALL DEMOREMODELING SCOPE.
- B. WHEN OUTLETS ARE ABANDONED, WIRE MUST BE PULLED OUT OF THE CONDUIT BACK TO THE NEAREST REMAINING BOX OR CABINET. EXPOSED CONDUIT THAT HAS BEEN ABANDONED MUST BE REMOVED.
- C. RE-ESTABLISH SERVICE TO ALL OUTLETS THAT MAY BE INTERRUPTED DUE TO REMODELING WORK.
- D. PROVIDE ALL APPURTENANCES REQUIRED TO REROUTE, RELOCATE, REMOVE OR REINSTALL ALL ITEMS DESCRIBED IN THESE NOTES.
- E. EXISTING CIRCUITS MODIFIED IN FIELD SHALL NOT EXCEED 80% CAPACITY BASED ON AMP-RATING OF CIRCUIT.
- F. DO NOT LEAVE ABANDONED CONDUIT, BOXES, EQUIPMENT, OR ENCLOSURES AFTER DEMOLITION. ALL ABANDONED MATERIAL MUST BE REMOVED.
- G. IDENTIFICATION AND LABELING SHALL BE PROVIDED IN ACCORDANCE WITH SPECIFICATIONS AND/OR NEW-WORK GENERAL ELECTRICAL NOTES.
- H. CIRCUIT NUMBERS ARE FOR PLAN REFERENCE ONLY. CONTRACTOR SHALL RELABEL ALL CIRCUIT DIRECTORIES WITH LOAD NAMES FOR ALL EXISTING AND NEW PANELS THAT WERE MODIFIED WITHIN THIS PROJECT.
- I. EXISTING CIRCUIT BREAKERS VACATED DUE TO REMODELING WORK SHALL REMAIN AS SPARE BREAKERS AND TURNED TO THE 'OFF' POSITION.
- J. WHERE INDICATED OR REQUIRED BY OTHER TRADES, CONTRACTOR SHALL REMOVE ALL ELECTRICAL CONNECTIONS TO EXISTING PREWIRED FURNITURE. REMOVE CONDUIT AND WIRING BACK TO LAST ACTIVE JUNCTION. ALL DATA CABLING SHALL BE REMOVED BACK TO LAST ACTIVE JUNCTION AND SALVAGED FOR REINSTALLATION.

LIGHTING GENERAL NOTES:

- A. CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH PERFORMANCE DESCRIPTION INDICATED IN THE LIGHTING CONTROL DEVICE SCHEDULE FOUND ON SCHEDULE SHEETS.
- B. MULTIPLE SWITCHES SHOWN TOGETHER SHALL BE GANGED UNDER A COMMON COVER PLATE.
- C. PROVIDE LABELING OF ALL CONTROL DEVICES, SWITCH PACKS, LIGHT FIXTURES, JUNCTION BOXES, ETC IN ACCORDANCE WITH ELECTRICAL SPECIFICATIONS.
- D. LIGHTING FIXTURE LOCATIONS SHOWN TAKE PRECEDENT IN CEILING LOCATION TO ALL OTHER TRADES. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ENSURING OTHER TRADES DO NOT IMPACT SPACING AND/OR OVERLAPMENT OF OTHER DEVICES WHERE LIGHT FIXTURES MUST BE INSTALLED.
- E. REFERENCE SYMBOLS LEGEND FOR LIGHT SWITCH DEVICE NOMENCLATURE AND SWITCH-LEG ASSOCIATIONS.
- F. ALL 2X2, 2X4 FIXTURES INSTALLED IN SUSPENDED GRID CEILING SHALL BE PROVIDED WITH (2) SECONDARY SUPPORT WIRES ANCHORED DIRECTLY TO STRUCTURE.

GENERAL ELECTRICAL NOTES:

- A. ELECTRICAL DEVICES SHOWN ARE NOT EXACT. ALL DEVICE LOCATIONS SHALL BE VERIFIED WITH ARCHITECTURAL MILLWORK, CASEWORK, AND GENERAL ELEVATION VIEWS.
- B. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, OUTLET BOXES, JUNCTION BOXES FOR ALL TECHNOLOGY, LOW VOLTAGE, ACCESS CONTROL SECURITY, SURVEILLANCE, AND OTHER DIVISION 2728 SCOPE. REFER TO DIVISION 2728 DRAWINGS AND SPECIFICATIONS FOR ALL WORK REQUIRED. OMISSION OF THIS SCOPE FROM DIV 28 SCOPE OF WORK IS PROHIBITED.
- C. HVAC AND PLUMBING EQUIPMENT LOCATIONS ARE NOT EXACT, AND THE EXACT POINT OF CONNECTION TO EQUIPMENT MAY VARY. COORDINATE EXACT ROUGH-IN REQUIREMENTS IN FIELD AND WITH FINAL SUBMITTALS FOR ALL DIV. 21/22/23 EQUIPMENT.
- D. PROVIDE LABELING OF ALL DEVICES, CONDUIT, PANELS, AND JUNCTION BOXES IN ACCORDANCE WITH ELECTRICAL SPECIFICATIONS.
- E. MINIMIZE ROOF PENETRATIONS. WHERE ABLE, ROUTE ALL CONDUIT FOR ROOF MOUNTED EQUIPMENT THROUGH ROOF CURB. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING NECESSARY WATER PROOFING AROUND ROOF PENETRATIONS WITH ROOFING INSTALLER.
- F. ALL RECEPTACLES LOCATED IN RESTROOMS, JANITOR CLOSETS, MECHANICAL ROOMS, ELEVATOR PITS OR SHAFTS, ELEVATOR EQUIPMENT ROOMS, SERVING ELECTRIC DRINKING FOUNTAINS OR VENDING MACHINES, LOCATED WITHIN 6" OF A SINK, LOCATED ABOVE A WET COUNTERTOP OR IN A KITCHEN OR COFFEE BAR SHALL BE GFCI. FEED-THRU GFCI'S IS PROHIBITED. ALL GFCI'S DEVICES SHALL BE PROVIDED WITH INDIVIDUAL TEST/RESET FEATURES.
- G. MULTI-WIRE HOME RUNS SHALL NOT BE ALLOWED. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. SHARING CONDUIT IS PERMISSIBLE WHERE TOTAL CONDUCTOR AMPACITY DERATING HAS BEEN PERFORMED BY ELECTRICAL CONTRACTOR. THE NEUTRAL IS CONSIDERED CURRENT-CARRYING.
- H. ALL RECEPTACLES SHALL BE TAMPER RESISTANT TYPE. CONTRACTOR MAY PROVIDE NON-TAMPER-RESISTANT RECEPTACLES WHERE NOT REQUIRED PER CURRENT NEC ARTICLE 406.
- I. LABEL ALL CIRCUITS AT ALL JUNCTION BOXES AND OUTLETS (AS DEFINED BY NEC) WITH TYPE-WRITTEN LABEL IDENTIFYING CIRCUIT ON THE BACK OF DEVICE COVER PLATES OR ON COVER OF JUNCTION BOX. IF A BOX HAS MULTIPLE CIRCUITS WITHIN, LABEL ALL CIRCUITS.

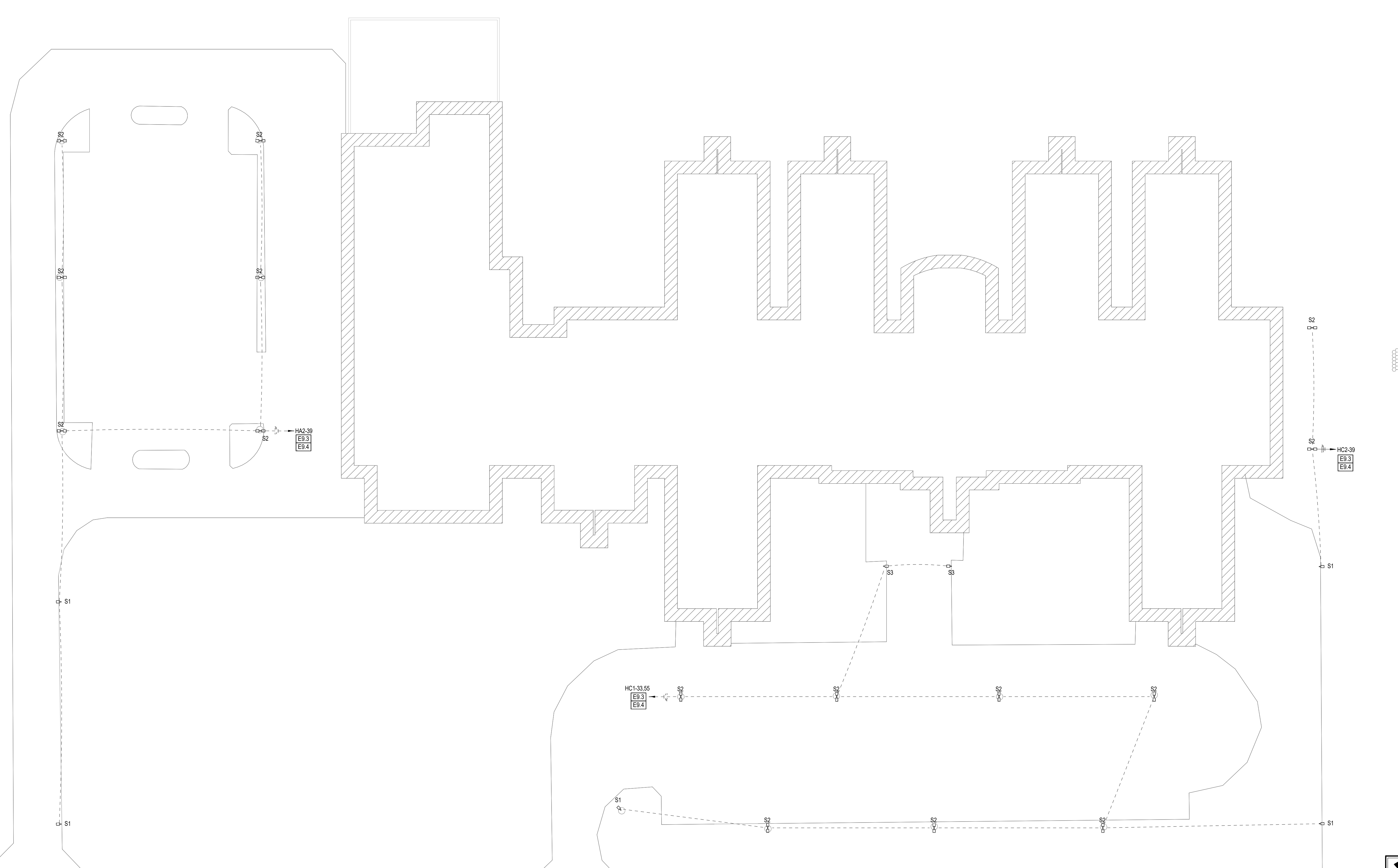


SITE LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER	MODEL	DBR MOUNTING	LAMPS	Voltage	WATTAGE	DESCRIPTION
S1	VISIONAIRE	VMX-B-T3L-30L-4K-UNV-8Z	POLE	LED	277 V	100 VA	SINGLE HEAD POLE LIGHT.
S2	VISIONAIRE	(2) VMX-A-T3L-30L-4K-UNV-8Z	POLE	LED	277 V	200 VA	DOUBLE HEAD POLE LIGHT.
S3	VISIONAIRE	PRE-24M	POLE	LED	277 V	150 VA	PEDESTRIAN LIGHT.

ELECTRICAL KEYED NOTES

E93 EXISTING POLE LIGHT SHALL BE REMOVED AND REPLACED WITH NEW. ALL ELECTRICAL CONNECTIONS SHALL BE DISCONNECTED. PROVIDE NEW WIRE. REUSE EXISTING CONDUIT WHERE POSSIBLE. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF LIGHT FIXTURES.

E94 ROUTE CIRCUIT VIA LIGHTING CONTACTOR.



ARCHITECT

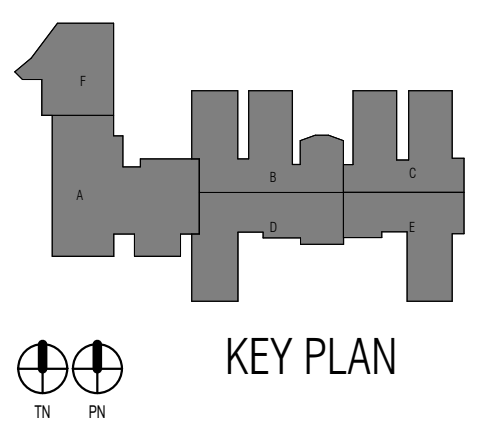
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CLEAR CREEK ISD
 HOUSTON, TEXAS

CCISD PROJECT NO:
 2025.401



CCISD Priority Repairs BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.

24-045.00

SHEET TITLE

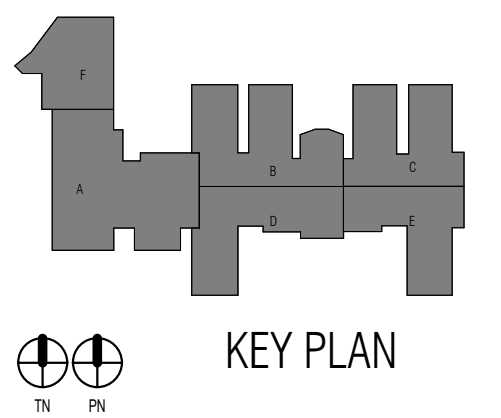
WEBE - ELECTRICAL SITE PLAN

SHEET NO.

E31.11



1 ELECTRICAL SITE PLAN
 E31.11 1" = 30'-0"



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REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

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SHEET TITLE

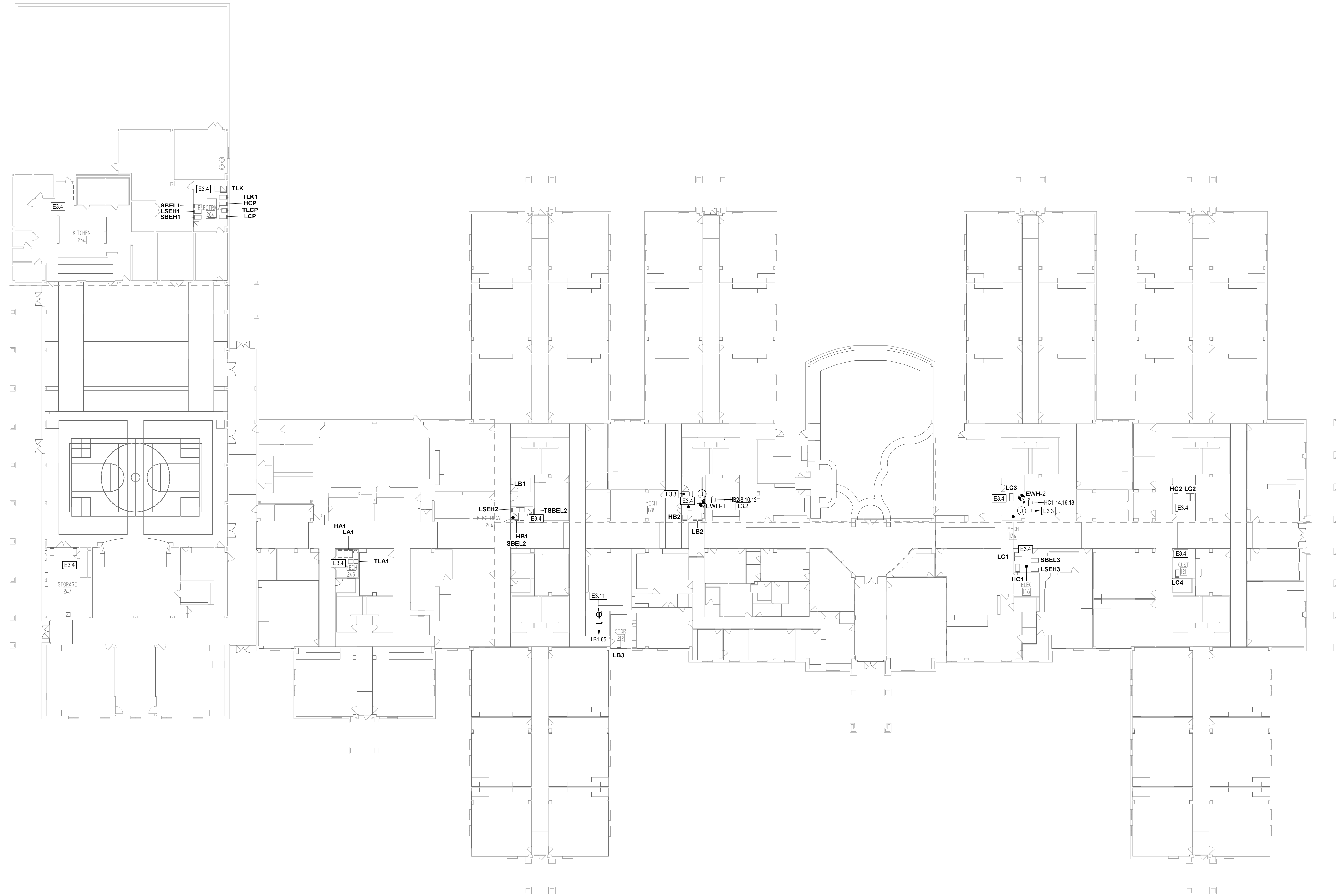
WEBE - COMPOSITE
POWER PLAN

SHEET NO.

E32.11

ELECTRICAL KEYED NOTES

- E3.2 REPLACE ELECTRIC WATER HEATER. TRACE CIRCUIT AND FIELD VERIFY EXACT CIRCUIT NUMBER, WIRE AND CONNECT TO NEW DISCONNECT SWITCH. COORDINATE WITH DIVISION 21 PRIOR TO WORK.
- E3.3 UTILIZE EXISTING CIRCUIT SERVING CIRCULATION PUMP. REMOVE ALL WIRE BACK TO PANEL. PROVIDE NEW CONDUITR AND NEW #10 WIRE AND RECONNECT TO EXISTING CIRCUIT.
- E3.4 ELECTRICAL EQUIPMENT IN THIS ROOM SHALL BE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT.
- E3.11 PROVIDE 120V POWER FOR KITCHEN FIRE SUPPRESSION SYSTEM. FIELD COORDINATE EXACT LOCATION AND ADDITIONAL REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE MOTOR RATED SWITCH. RANGE CORD AND PLUG SHALL BE CONNECTED VIA FIRE SUPPRESSION SYSTEM ELECTRIC SHUT OFF. THE SYSTEM WITH BUILDINGS EXISTING FIRE ALARM SYSTEM. COORDINATE EXACT ELECTRICAL REQUIREMENTS.



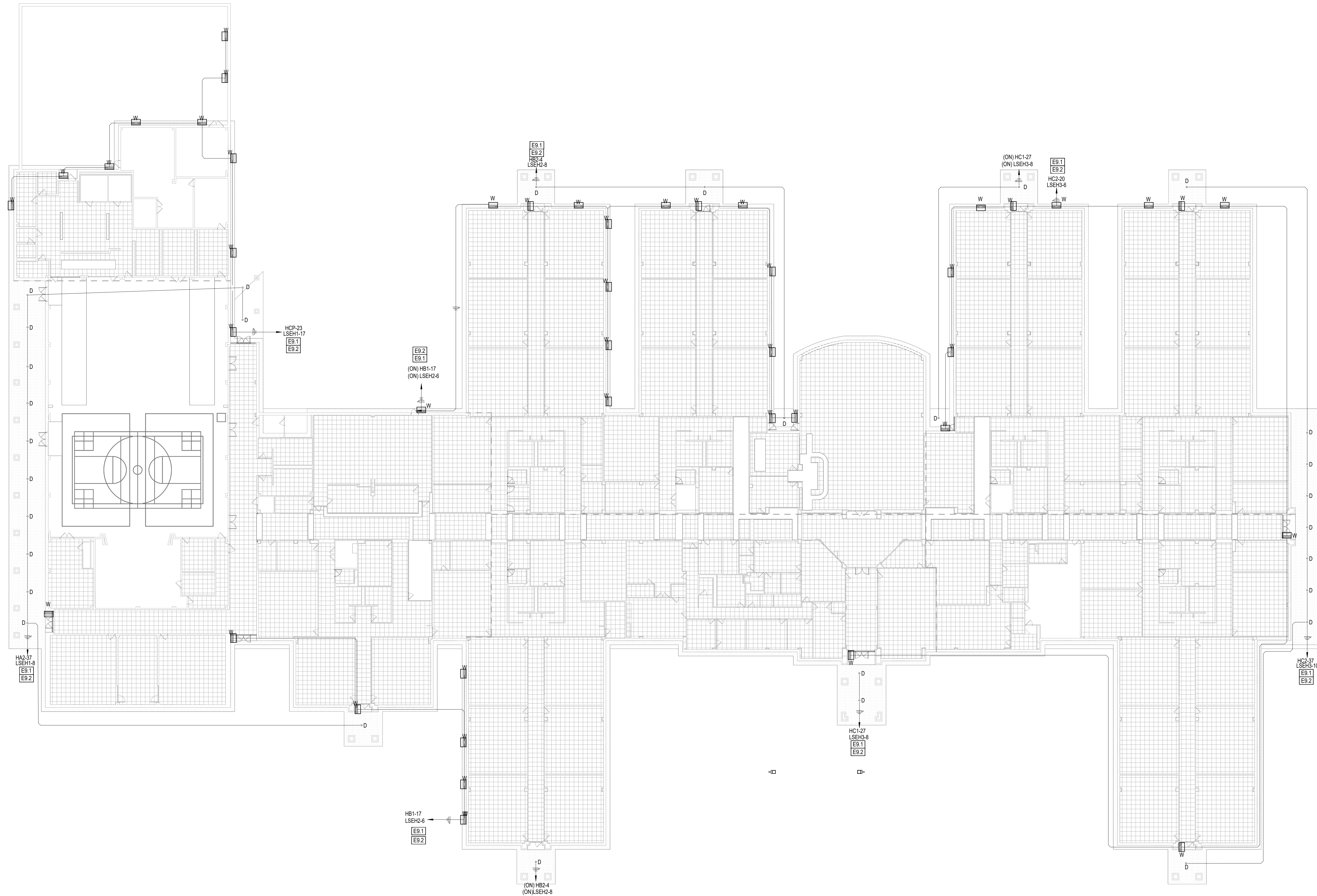
1 COMPOSITE POWER PLAN - LEVEL ONE
 E32.11 1" = 20'-0"



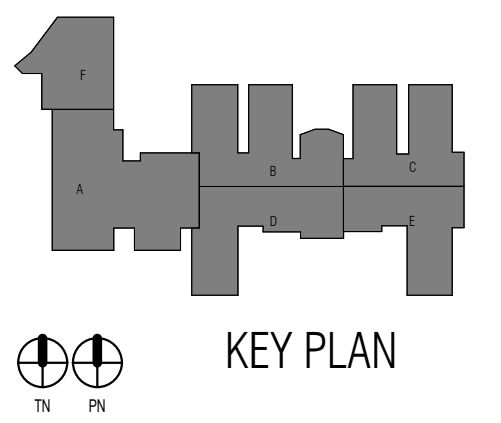
LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER	MODEL	DBR MOUNTING	LAMPS	Voltage	WATTAGE	DESCRIPTION
D	KIRLIN	LKS-08074-6550L-277-V-80CRI-01	RECESSED	LED	277 V	74 VA	8" SQUARE UPGRADE KIT EXTERIOR DOWNLIGHT
W	GARCOO	101L-32L-630NW-G1-2-UNV-CS50-FIN ISH	SURFACE	LED	V_{max}	24 VA	EXTERIOR WALL PACK

ELECTRICAL KEYED NOTES

- E9.1 EXISTING LIGHT FIXTURES SHALL BE REMOVED AND REPLACED WITH NEW. ALL ELECTRICAL CONNECTIONS SHALL BE DISCONNECTED. PROVIDE NEW WIRE. RE-USE EXISTING CONDUIT WHERE POSSIBLE. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF LIGHT FIXTURES.
- E9.2 ROUTE CIRCUIT VIA BODINE UL 1008 GTD 20A GENERATOR TRANSFER DEVICE. LOCATE GTD ADJACENT TO EMERGENCY PANEL SERVING EMERGENCY LIGHTING CIRCUIT. CONNECT NORMAL AND EMERGENCY CIRCUIT POWER TO CIRCUITS INDICATED ON PLANS. ROUTE NORMAL CIRCUIT THROUGH LIGHTING CONTACTOR. TYPICAL FOR ALL EXTERIOR LIGHTING CIRCUITS.



1 COMPOSITE ELECTRICAL LIGHTING PLAN - LEVEL ONE
E32.12 1" = 20'-0"



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Revision No. Revision Date

Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - COMPOSITE
LIGHTING PLAN

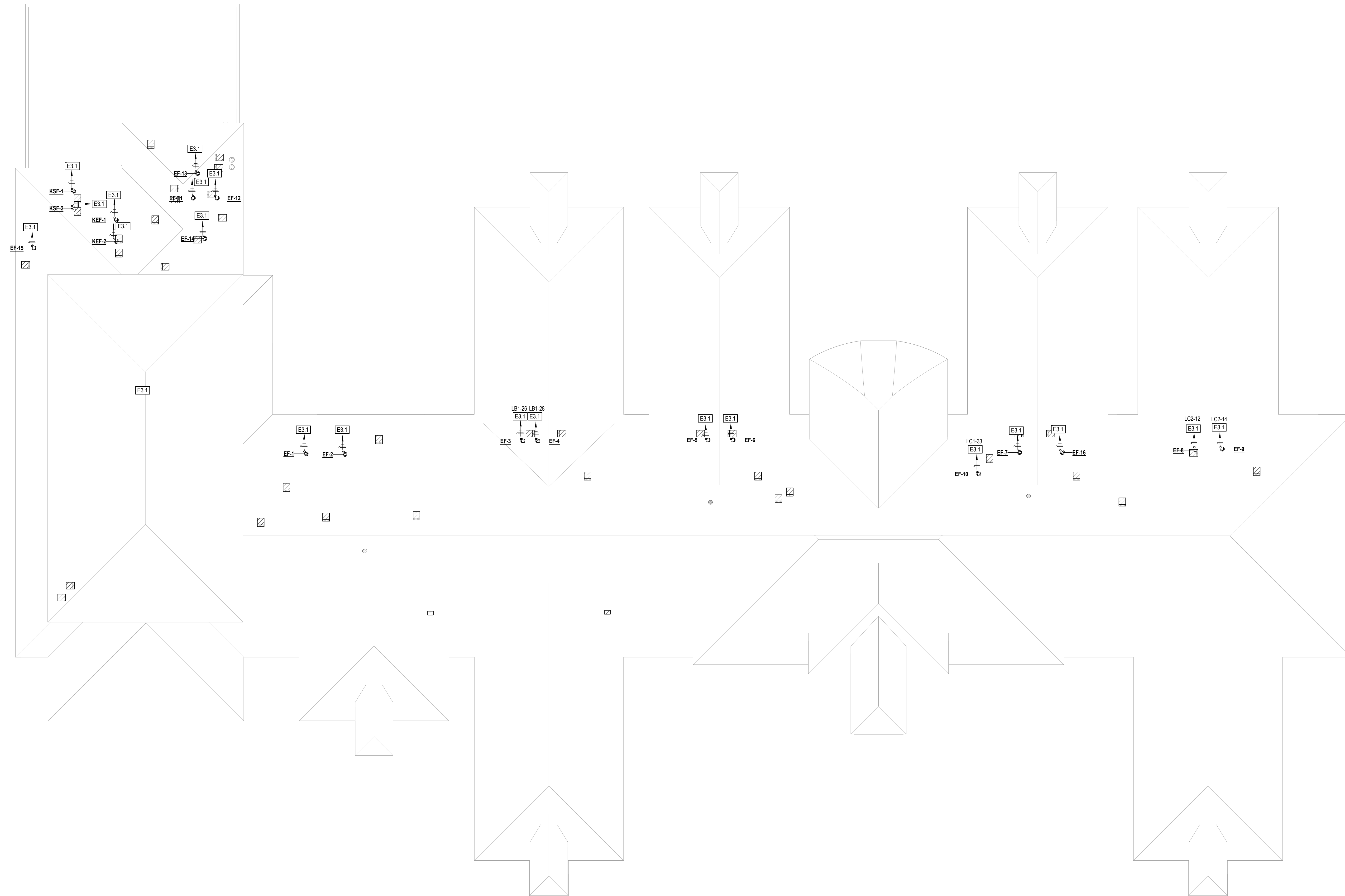
SHEET NO.

E32.12



ELECTRICAL KEYED NOTES

E3.1 REPLACE EXHAUST FAN. ALL ELECTRICAL CONNECTIONS SHALL BE DISCONNECTED. REMOVE ALL WIRE BACK TO PANEL. PROVIDE NEW CONDUIT AND NEW #10 WIRE AND RECONNECT TO EXISTING CIRCUIT. WHERE SHOWN ON PLAN, CIRCUIT NUMBER IS FOR REFERENCE ONLY. TRACE CIRCUIT AND FIELD VERIFY EXACT CIRCUIT NUMBERS. WIRE AND CONNECT TO NEW DISCONNECT PROVIDED BY DIVISION 23 AND INSTALLED BY DIVISION 26. COORDINATE WITH DIVISION 23 PRIOR TO WORK.



1 ELECTRICAL ROOF PLAN
E35.11 1" = 20'-0"

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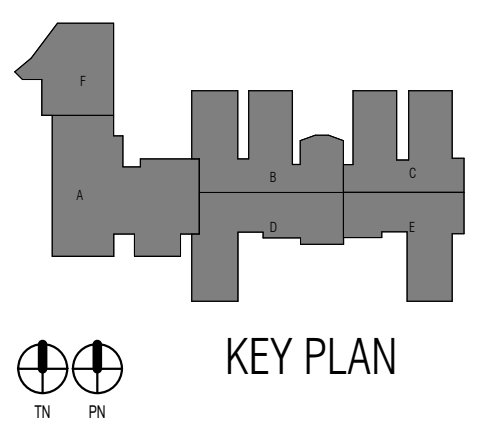
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HOUSTON, TEXAS

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KEY PLAN



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Approver	DBR
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Proj. Arch.	
DBR	

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SHEET TITLE

WEBE - ELECTRICAL ROOF PLAN

SHEET NO.

E35.11



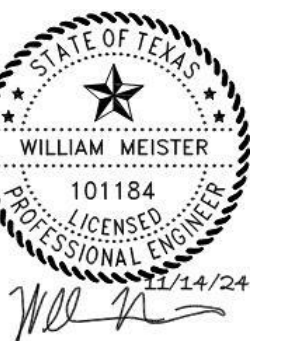
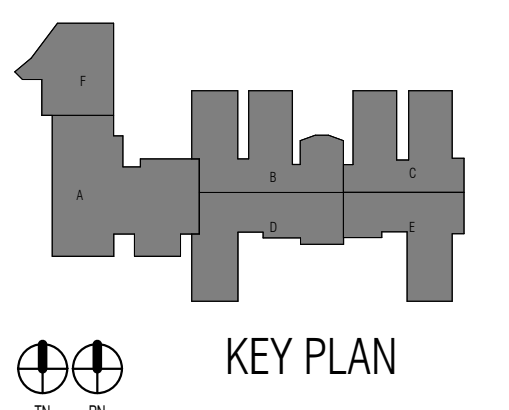
CCISD Priority Repairs BAUE GILE WEBE

3-PHASE, 4-WIRE FEEDER SCHEDULE							
COPPER				ALUMINUM			
RATING	SETS	CONDUCTOR SIZE	CONDUIT	RATING	SETS	CONDUCTOR SIZE	CONDUIT
30A	1	4#10, 1#10 G.	3/4"	30A	N/A	N/A	N/A
40A	1	4#8, 1#10 G.	1"	40A	N/A	N/A	N/A
50A	1	4#8, 1#10 G.	1"	50A	N/A	N/A	N/A
60A	1	4#8, 1#10 G.	1"	60A	N/A	N/A	N/A
70A	1	4#4, 1#8 G.	1 1/4"	70A	N/A	N/A	N/A
80A	1	4#4, 1#8 G.	1 1/4"	80A	N/A	N/A	N/A
90A	1	4#3, 1#8 G.	1 1/4"	90A	N/A	N/A	N/A
100A	1	4#3, 1#8 G.	1 1/4"	100A	N/A	N/A	N/A
125A	1	4#1, 1#8 G.	1 1/2"	125A	N/A	N/A	N/A
150A	1	4#10, 1#8 G.	1 1/2"	150A	N/A	N/A	N/A
175A	1	4#10, 1#8 G.	2"	175A	N/A	N/A	N/A
200A	1	4#10, 1#8 G.	2"	200A	1	4#250, 1#4 G.	2 1/2"
225A	1	4#10, 1#4 G.	2 1/2"	225A	1	4#300, 1#2 G.	3"
250A	1	4#10, 1#4 G.	2 1/2"	250A	1	4#350, 1#2 G.	3"
300A	1	4#10, 1#4 G.	3"	300A	1	4#500, 1#2 G.	4"
350A	1	4#10, 1#3 G.	3 1/2"	350A	2	4#440, 1#1 G.	2 1/2"
400A	1	4#10, 1#3 G.	4"	400A	2	4#250, 1#1 G.	2 1/2"
450A	2	4#10, 1#2 G.	2 1/2"	450A	2	4#300, 1#10 G.	3"
500A	2	4#10, 1#2 G.	2 1/2"	500A	2	4#350, 1#10 G.	3"
600A	2	4#10, 1#1 G.	3"	600A	2	4#350, 1#20 G.	3"
700A	2	4#10, 1#10 G.	4"	700A	3	4#350, 1#30 G.	3"
800A	2	4#10, 1#10 G.	4"	800A	3	4#400, 1#30 G.	3"
1000A	2	4#10, 1#20 G.	4"	1000A	4	4#350, 1#40 G.	4"
1200A	4	4#10, 1#30 G.	3"	1200A	4	4#500, 1#250 G.	4"
1600A	5	4#10, 1#40 G.	4"	1600A	5	4#750, 1#350 G.	4"
2000A	6	4#10, 1#250 G.	4"	2000A	6	4#750, 1#400 G.	4"
2500A	7	4#10, 1#350 G.	4"	2500A	7	4#750, 1#600 G.	4"
3000A	8	4#10, 1#400 G.	4"	3000A	8	4#750, 1#800 G.	4"
3500A	10	4#10, 1#500 G.	4"	3500A	10	4#750, 1#750 G.	4"
4000A	10	4#10, 1#600 G.	4"	4000A	11	4#750, 1#750 G.	4"
5000A	14	4#10, 1#750 G.	4"	5000A	13	4#750, 2#600 G.	5"

- ALUMINUM CONDUCTORS SHALL BE COMPRESSION TYPE CONDUCTORS AND SHALL USE PENETROX WITH COMPRESSION TERMINATION FITTINGS.
- ALUMINUM FEEDERS ARE NOT APPROVED FOR USE ON THE FOLLOWING:
 - ALL HVAC EQUIPMENT
 - TRANSFORMER SECONDARY
 - ELEVATORS
 - VARIABLE FREQUENCY DRIVE
- ELECTRICAL CONTRACTOR SHALL PROVIDE THE NUMBER OF LUGS AND PROPER LUG SIZES TO ACCEPT CONDUCTOR SIZES SHOWN.
- GROUND NOT REQUIRED AT SERVICE LATERAL.

Panelboard LC2												10,000 AIC Rating														
												X Existing														
												New														
120/208 Volt, 3-Phase, 4-Wire												X MCB			225 AMP MCB			AMP BUS (Copper)			Single Double Feed - Thru			Mounting X Surface Flush		
Notes	Load (VA)	Description	Type	Wire	CB	PKT #	PH	PKT #	CB	Wire	Type	Description	Load (VA)	Notes	Notes	Load (VA)	Notes									
1	720	EXISTING LOAD	R	12	201	1	A	2	201	12	R	EXISTING LOAD	1080	1												
1	1080	EXISTING LOAD	R	12	201	3	B	4	201	12	R	EXISTING LOAD	325	1												
1	1080	EXISTING LOAD	R	12	201	5	C	6	201	12	R	EXISTING LOAD	720	1												
1	720	EXISTING LOAD	R	12	201	7	A	8	201	12	R	EXISTING LOAD	720	1												
1	1080	EXISTING LOAD	R	12	201	9	B	10	201	12	R	EXISTING LOAD	1260	1												
1	1080	EXISTING LOAD	R	12	201	11	C	12	201	12	R	EXISTING LOAD	700	2												
1	720	EXISTING LOAD	R	12	201	13	A	14	201	12	F	EF-3 (14 HP)	700	2												
1	1080	EXISTING LOAD	R	12	201	15	B	16	201	12	R	EXISTING LOAD	900	1												
1	1080	EXISTING LOAD	R	12	201	17	C	18	201	12	R	EXISTING LOAD	900	1												
1	720	EXISTING LOAD	R	12	201	19	A	20	201	12	R	SPACE														
1	1080	EXISTING LOAD	R	12	201	21	B	22				SPACE														
1	1080	EXISTING LOAD	R	12	201	23	C	24				SPACE														
1	720	EXISTING LOAD	R	12	201	25	A	26				SPACE														
1	1080	EXISTING LOAD	R	12	201	27	B	28				SPACE														
1	1080	EXISTING LOAD	R	12	201	29	C	30				SPACE														
1	720	EXISTING LOAD	R	12	201	31	A	32	30/3	10	SP	EXISTING LOAD	0	1												
1	1080	EXISTING LOAD	R	12	201	33	B	34	30/3	10	SP	-	0													
1	1080	EXISTING LOAD	R	12	201	35	C	36	30/3	10	SP	-	0													
1	720	EXISTING LOAD	R	12	201	37	A	38	100/3	3	R	EXISTING LOAD	8480	1												
1	1080	EXISTING LOAD	R	12	201	39	B	40	100/3	3	R	EXISTING LOAD	9720	1												
1	1080	EXISTING LOAD	R	12	201	41	C	42	100/3	3	R	EXISTING LOAD	10260	1												
1	900	EXISTING LOAD	R	12	201	43	A	44	201	12	R	EXISTING LOAD	900	1												
1	900	EXISTING LOAD	R	12	201	45	B	46	201	12	R	EXISTING LOAD	900	1												
1	900	EXISTING LOAD	R	12	201	47	C	48	201	12	R	EXISTING LOAD	900	1												
1	900	EXISTING LOAD	R	12	201	49	A	50	201	12	R	EXISTING LOAD	900	1												
1	900	EXISTING LOAD	R	12	201	51	B	52	201	12	R	EXISTING LOAD	900	1												
1	900	EXISTING LOAD	R	12	201	53	C	54	201	12	R	EXISTING LOAD	900	1												
1	900	EXISTING LOAD	R	12	201	55	A	56	201	12	R	EXISTING LOAD	900	1												
		SPACE				57	B	58	201	12	R	EXISTING LOAD	900	1												
		SPACE				59	C	60	201	12	R	EXISTING LOAD	900	1												
		SPACE				61	A	62	201	12	R	EXISTING LOAD	900	1												
		SPACE				63	B	64	201	12	R	EXISTING LOAD	900	1												
		SPACE				65	C	66	201	12	R	EXISTING LOAD	900	1												
		SPACE				67	A	68	201	12	R	EXISTING LOAD	900	1												
		SPACE				69	B	70	201	12	R	EXISTING LOAD	900	1												
		SPACE				71	C	72	201	12	R	EXISTING LOAD	900	1												
		SPACE				73	A	74	201	12	R	EXISTING LOAD	900	1												
		SPACE				75	B	76	201	12	R	EXISTING LOAD	900	1												
		SPACE				77	C	78	201	12	R	EXISTING LOAD	900	1												
		SPACE				79	A	80	201	12	R	EXISTING LOAD	900	1												
		SPACE				81	B	82				SPACE														
		SPACE				83	C	84				SPACE														
	26,460	Subtotal										Subtotal	52,865													
N.E.C.	Load Type	Conn.	Fct.	Diversity	N.E.C.	Conn.	Fct.	Diversity	Location of Panel:																	
220.44	(R) Recept.	77,925		43,963	210.20(a)	(L) Lighting	0	125%	0																	
220.56	(K) Kitchen	0	100%	0		(EL) Exit Lgt.	0	125%	0																	
220.60	(C) Cooling	0	0%	0	620.14	(E) Elevators	0	100%	0																	
220.60	(H) Heating	0	0%	0		(WH) Water Ht.	0	100%	0																	
220.60	(F) Fans	1,400	100%	1,400	220.50	(MT) Lrg. Mot.	0	125%	0																	
	(M) Misc.	0	100%	0		(SP) Sub Panel	0	100%	0																	
	Total Connected Load =	79,325	VA =	220.3	AMPS																					
	Total Load (Diversified) =	45,363	VA =	126.0	AMPS																					

Panelboard LB1												10,000 AIC Rating														
												X Existing														
												New														
120/208 Volt, 3-Phase, 4-Wire												X MCB			225 AMP MCB			AMP BUS (Copper)			Single Double Feed - Thru			Mounting X Surface Flush		
Notes	Load (VA)	Description	Type	Wire	CB	PKT #	PH	PKT #	CB	Wire	Type	Description	Load (VA)	Notes	Notes	Load (VA)	Notes									
1	720	EXISTING LOAD	R	12	201	1	A	2	201	12	R	EXISTING LOAD	1080	1												
1	1080	EXISTING LOAD	R	12	201	3	B	4	201	12	R	EXISTING LOAD	325	1												
1	1080	EXISTING LOAD	R	12	201	5	C	6	201	12	R	EXISTING LOAD	720	1												
1	720	EXISTING LOAD	R	12	201	7	A	8	201	12	R	EXISTING LOAD	720	1												
1	1080	EXISTING LOAD	R	12	201	9	B	10	201	12	R	EXISTING LOAD	1260	1												
1	1080	EXISTING LOAD	R	12	201	11	C	12	201	12	R	EXISTING LOAD	700	2												
1	720	EXISTING LOAD	R	12	201	13	A	14	201	12	R	EXISTING LOAD	200	1												
1	1080	EXISTING LOAD	R	12	201	15	B	16	201	12	R	EXISTING LOAD	900	1												
1	1080	EXISTING LOAD	R	12	201	17	C	18	201	12	R	EXISTING LOAD	900	1												
1	720	EXISTING LOAD	R	12	201	19	A	20	201	12	R	EXISTING LOAD	900	1												
1	1080	EXISTING LOAD	R	12	201	21	B	22	201	12	R	EXISTING LOAD	900	1												
1	1080	EXISTING LOAD	R	12	201	23	C	24	201	12	R	EXISTING LOAD	900	1												
1	720	EXISTING LOAD	R	12	201	25	A	26	201	12	R	EXISTING LOAD	700	2												
1	1080	EXISTING LOAD	R	12	201	27	B	28	201	12	R	EXISTING LOAD	700	2												
1	1080	EXISTING LOAD	R	12	201	29	C	30	201	12	R	EXISTING LOAD	360	1												
1	720	EXISTING LOAD	R	12	201	31	A	32	201	12	R	EXISTING LOAD	900	1												
1	1080	EXISTING LOAD	R	12	201	33	B	34	201	12	R	EXISTING LOAD	900	1												
1	1080	EXISTING LOAD	R	12	201	35	C	36	201	12	R	EXISTING LOAD	900	1												
1	720	EXISTING LOAD	R	12	201	37	A	38	100/3	3	SP	EXISTING LOAD	9470	1												
1	1080	EXISTING LOAD	R	12	201	39	B	40	100/3	3	SP	EXISTING LOAD	14200	1												
1	1080	EXISTING LOAD	R	12	201	41	C	42	100/3	3	SP	EXISTING LOAD	12215	1												
1	720	EXISTING LOAD	R	12	201	43	A	44	201	12	R	EXISTING LOAD	0													
1	1080	EXISTING LOAD	R	12	201	45	B	46	201	12	R	EXISTING LOAD	0													
1	1080	EXISTING LOAD	R	12	201	47	C	48	2																	



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director Drawn By
 Approver DBR
 Designer Quality Control
 Designer
 Proj. Arch.
 DBR

PROJECT NO.

24-045.00

SHEET TITLE

WEBE - DEMO COMPOSITE
 PLUMBING PLAN

SHEET NO.

P32.00

PLUMBING KEYED NOTES

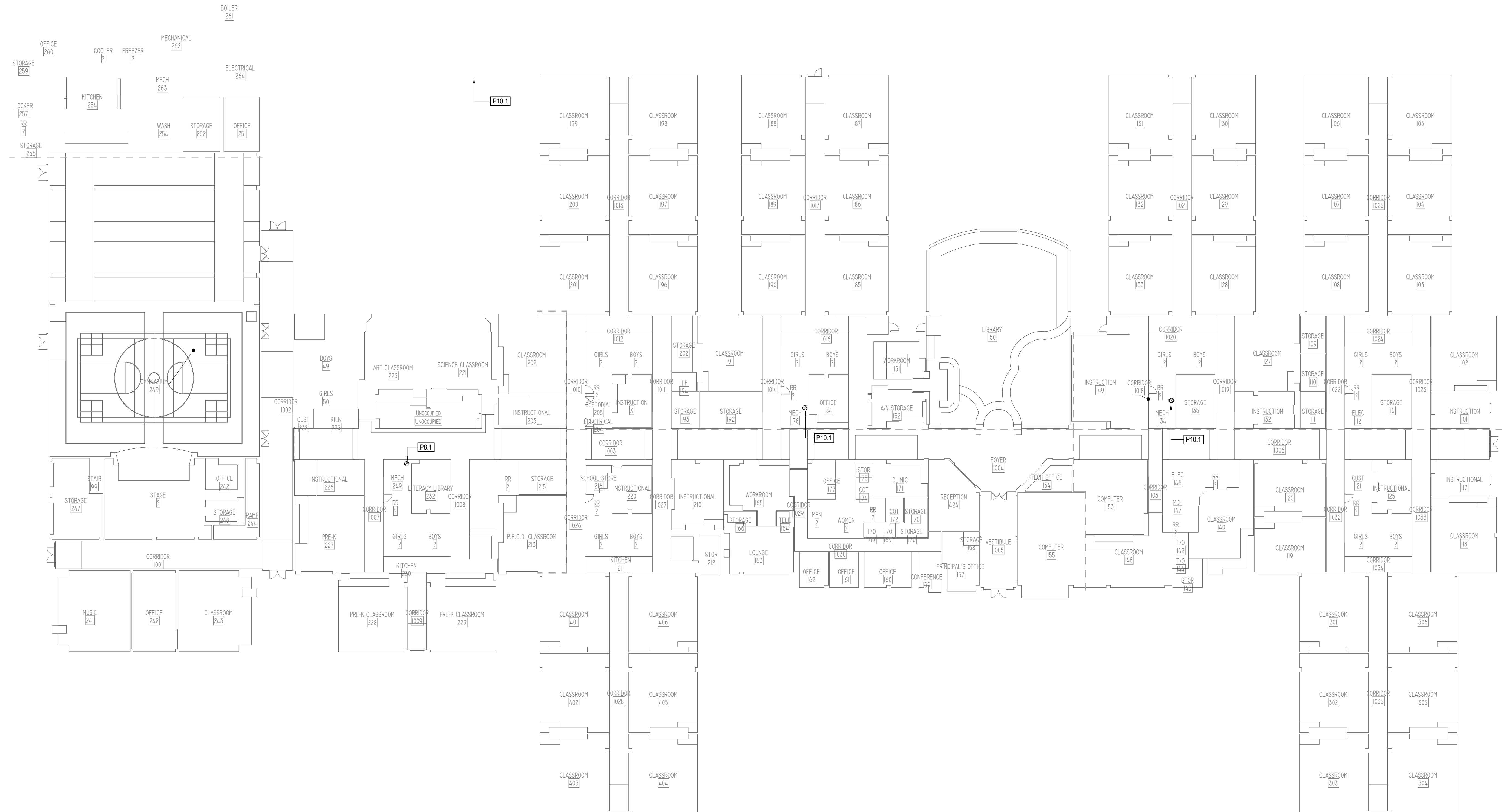
P8.1 EXISTING WATER HEATER TO REMAIN.

P10.1 CONTRACTOR SHALL DISCONNECT ALL EXISTING PIPING CONNECTIONS AT EXISTING ELECTRIC WATER HEATER AND PREPARE FOR NEW ELECTRIC WATER HEATER IN SAME PLACE. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS BACK TO THE MAIN. RE: NEW PLANS.

THE SCOPE OF THE FIRE PROTECTION WORK SHALL INCLUDE:

1. ONE FOR ONE REPLACEMENT OF ALL THE EXISTING FIRE SPRINKLER HEADS WITHIN THE BUILDING.
2. PROVIDE NEW SPRINKLER GUARDS WHERE HEADS BEING REPLACED HAVE SUCH GUARDS AND WHERE NEW HEADS WILL BE SUBJECT TO DAMAGE AND REASONABLY REQUIRE SUCH PROTECTION.
3. MAKE PIPING ADJUSTMENTS IF AND AS NECESSARY TO ACCOMMODATE SPRINKLER HEAD REPLACEMENT, CEILING REPLACEMENT, AND TO CORRECT ANY DEFICIENCIES IN SPRINKLER COVERAGE.
4. ALL NEW SPRINKLER HEADS PROVIDED SHALL BE BY JOHNSON CONTROLS INTERNATIONAL PLC, TYCO GROUP, TYPICAL HEADS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO: SERIES TYS, TY-FR, EC-S, AND DS-1.
5. ALL SPRINKLERS MUST BE PROVIDED IN ACCORDANCE WITH THEIR LISTING AT WITH TEMPERATURE RATINGS APPROPRIATE FOR THE AMBIENT TEMPERATURE.
6. THE FINAL INSTALLATION SHALL BE COMPLIANT WITH ALL NFPA 13 AND LOCAL AHJ REQUIREMENTS.
7. PROVIDE A HYDROSTATIC TEST OF THE SYSTEM IN ACCORDANCE WITH NFPA 13, CHAPTER 24 AFTER ALL NEW HEADS HAVE BEEN INSTALLED.
8. SHOP DRAWINGS FROM THE ORIGINAL SYSTEM INSTALLATION ARE PROVIDED FOR REFERENCE AND AS AN AID IN BIDDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING CONDITIONS INCLUDING CURRENT SPACE LAYOUT AND SPRINKLER TYPES, LOCATIONS, AND QUANTITIES.
9. IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL ASSIST THE OWNER BY IDENTIFYING ANY SPRINKLER SYSTEM ITEMS BEYOND THE INTENDED SCOPE WHICH ARE DEFICIENT, UNFIT FOR SERVICE, OR IN NEED OF REPAIR. THIS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE FOLLOWING: LEAKING OR DETERIORATED PIPING AND VALVES, IMPROPERLY SUPPORTED OR SAGGING PIPE, AND SYSTEM APPURTENANCES NOT FUNCTIONING AS INTENDED.
10. ENSURE TO PROVIDE A MINIMUM OF SIX (6) SPARE SPRINKLER HEADS OF EACH TYPE AND TEMPERATURE RATING IN AN APPROPRIATELY SIZED SPARE SPRINKLER CABINET.

ALL SPRINKLER HEADS SHALL BE UNINSTALLED AND REPLACED WITH BRAND NEW SPRINKLER HEADS IN THE SAME LOCATION AS EXISTING CONDITIONS BY CONTRACTOR. REFER TO SPRINKLER AS-BUILD DRAWINGS FOR EXACT REPLACEMENT LOCATION.



1 DEMO COMPOSITE PLUMBING PLAN - LEVEL ONE
 P32.00 1" = 20'-0"



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 https://www.dbrinc.com
 TBPFE Firm Registration No. 2234
 DBR Project # 240244
 EK RM/TDL/BMS/TN/JL/LG/SS

ARCHITECT

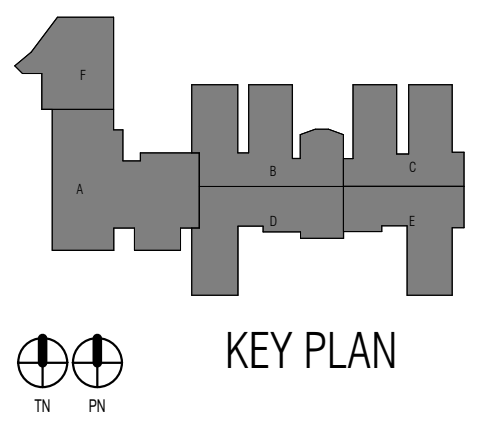
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CLEAR CREEK ISD
 HOUSTON, TEXAS

CCISD PROJECT NO:
 2025.401



KEY PLAN



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director: DBR
 Approver: DBR
 Designer: Quality Control
 Designer: DBR
 Proj. Arch: DBR

PROJECT NO.

24-045.00

SHEET TITLE

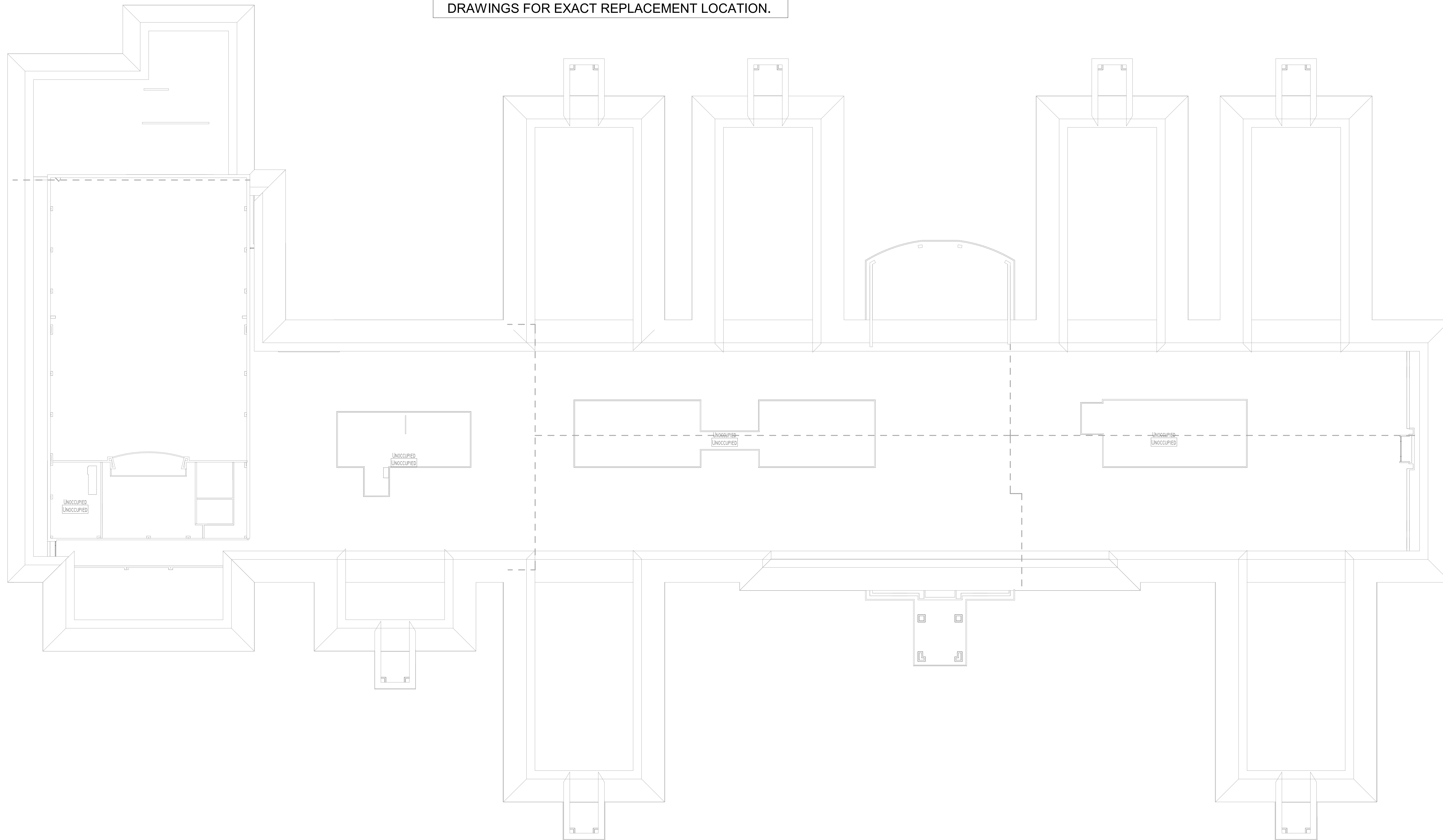
WEBE - DEMO COMPOSITE PLUMBING PLAN - MEZZANINE

SHEET NO.

P32.01

- THE SCOPE OF THE FIRE PROTECTION WORK SHALL INCLUDE:**
- ONE FOR ONE REPLACEMENT OF ALL THE EXISTING FIRE SPRINKLER HEADS WITHIN THE BUILDING.
 - PROVIDE NEW SPRINKLER GUARDS WHERE HEADS BEING REPLACED HAVE SUCH GUARDS AND WHERE NEW HEADS WILL BE SUBJECT TO DAMAGE AND REASONABLY REQUIRE SUCH PROTECTION.
 - MAKE PIPING ADJUSTMENTS IF AND AS NECESSARY TO ACCOMMODATE SPRINKLER HEAD REPLACEMENT, CEILING REPLACEMENT, AND TO CORRECT ANY DEFICIENCIES IN SPRINKLER COVERAGE.
 - ALL NEW SPRINKLER HEADS PROVIDED SHALL BE BY JOHNSON CONTROLS INTERNATIONAL PLC, TYCO GROUP, TYPICAL HEADS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO: SERIES TY-8, TY-FRB, EC-8, AND DS-1.
 - ALL SPRINKLERS MUST BE PROVIDED IN ACCORDANCE WITH THEIR LISTING AT WITH TEMPERATURE RATINGS APPROPRIATE FOR THE AMBIENT TEMPERATURE.
 - THE FINAL INSTALLATION SHALL BE COMPLIANT WITH ALL NFPA 13 AND LOCAL AHJ REQUIREMENTS.
 - PROVIDE A HYDROSTATIC TEST OF THE SYSTEM IN ACCORDANCE WITH NFPA 13, CHAPTER 20 AFTER ALL NEW HEADS HAVE BEEN INSTALLED.
 - SHOP DRAWINGS FROM THE ORIGINAL SYSTEM INSTALLATION ARE PROVIDED FOR REFERENCE AND AS AN AID IN BIDDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING CONDITIONS INCLUDING CURRENT SPACE LAYOUT AND SPRINKLER TYPES, LOCATIONS, AND QUANTITIES.
 - IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL ASSIST THE OWNER BY IDENTIFYING ANY SPRINKLER SYSTEM ITEMS BEYOND THE INTENDED SCOPE WHICH ARE DEFICIENT, UNFIT FOR SERVICE, OR IN NEED OF REPAIR. THIS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE FOLLOWING: LEAKING OR DETERIORATED PIPING AND VALVES, IMPROPERLY SUPPORTED OR SAGGING PIPE, AND SYSTEM APPURTENANCES NOT FUNCTIONING AS INTENDED.
 - ENSURE TO PROVIDE A MINIMUM OF SIX (6) SPARE SPRINKLER HEADS OF EACH TYPE AND TEMPERATURE RATING IN AN APPROPRIATELY SIZES SPARE SPRINKLER CABINET.

ALL SPRINKLER HEADS SHALL BE UNINSTALLED AND REPLACED WITH BRAND NEW SPRINKLER HEADS IN THE SAME LOCATION AS EXISTING CONDITIONS BY CONTRACTOR. REFER TO SPRINKLER AS-BUILD DRAWINGS FOR EXACT REPLACEMENT LOCATION.



1 DEMO COMPOSITE PLUMBING PLAN - LEVEL TWO
 P32.01 1" = 20'-0"



CCISD Priority Repairs BAUE GILE WEBE

ARCHITECT

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CLEAR CREEK ISD
 HOUSTON, TEXAS

CCISD PROJECT NO:
 2025.401

CCISD Priority Repairs BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

24-045.00

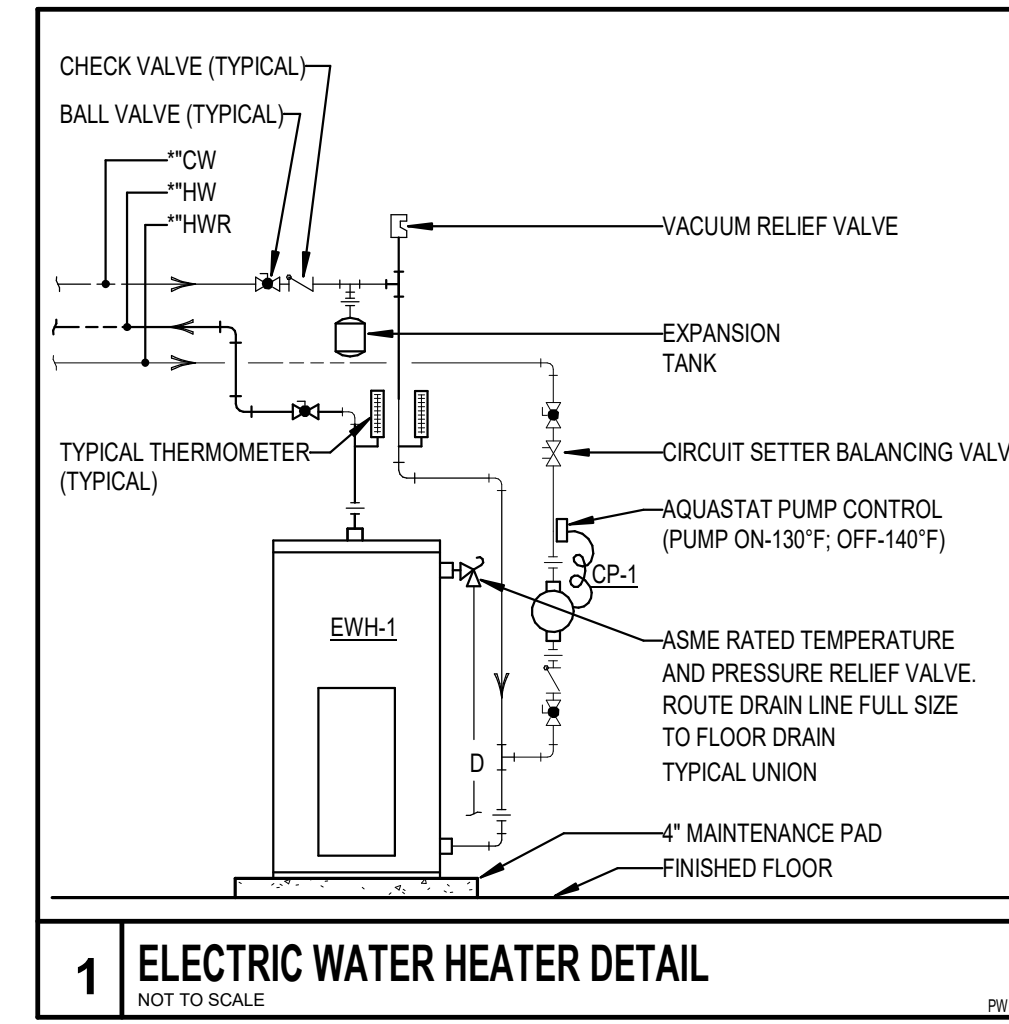
SHEET TITLE

WEBE - PLUMBING
 SCHEDULES AND DETAILS

SHEET NO.

P32.50

ELECTRIC WATER HEATER SCHEDULE													
PLAN MARK	MANUFACTURER	MODEL #	TYPE	FUEL	GALLONS	CW INLET	HW OUTLET	GPH RECOVERY @ 80° TEMP RISE	STANDBY LOSS (%/hour)	ELECTRICAL REQUIREMENTS			
										VOLTS [V]	PHASE	KW	AMPS
ELECTRIC WATER HEATER EWH-1	STATE	PCE 40 20LSA	STORAGE TANK	ELECTRIC	40	3/4"	3/4"	31	0.87	480	3	8.0	9.6
ELECTRIC WATER HEATER EWH-2	STATE	PCE 50 20LSA	STORAGE TANK	ELECTRIC	50	3/4"	3/4"	31	0.87	480	3	10.0	12.0
NOTES: 1. PROVIDE WITH WALL MOUNTED WATER HEATER PLATFORM. 2. PROVIDE ASME TEMPERATURE AND PRESSURE RELIEF VALVE, AND DIAL THERMOMETER IN HW OUTLET PIPING. 3. FOR POWER AS SCHEDULED ON ELECTRICAL DRAWINGS, VERIFY WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.													
PLAN MARK	MANUFACTURER	MODEL #	DESCRIPTION	ELECTRICAL REQUIREMENTS									
				VOLTS [V]	PHASE	KW	HP						
CIRCULATION PUMP CP-1 (EWH-1)	GRUNDFOS	UP26-96SF	ALL STAINLESS STEEL FLANGED PUMP, 1/25 HP WIRED FOR POWER AS SCHEDULED ON ELECTRICAL DRAWINGS AND FITTED WITH REMOTE HEAT SENSING AQUASTAT CONTROLLER. CONTROLLED BY ELECTRICAL CONTRACTOR, DESIGNED AT 15 FT HEAD LOSS.	115	1	85 W	0.04						
THERMAL EXPANSION TANK ET-1	AMTROL	THERM-X-TROL MODEL ST-5-C	ASME THERMAL EXPANSION ABSORBERS, SAFETY RELIEF VALVE, MAXIMUM WORKING PRESSURE 150 PSIG, TOTAL VOLUME 2.0 GALLONS.	--	--	--	--						



GENERAL PLUMBING NOTES: (RENOVATION FIRE SPRINKLER SYSTEM GENERAL NOTES)

- THE PROJECT IS A RENOVATION AND/OR ADDITION TO AN EXISTING BUILDING. THE SCOPE OF WORK INCLUDES MODIFICATION OF THE EXISTING AND/OR PROVISION OF A NEW AUTOMATIC FIRE SPRINKLER SYSTEM AS INDICATED IN GENERAL ON THE DRAWINGS.
- ALL FIRE SPRINKLER SYSTEM WORK SHALL BE COORDINATED WITH BOTH THE NEW AND EXISTING CONDITIONS AND PROVIDED ACCORDINGLY.
- THE SIZES, ROUTING/RE-ROUTING, REMOVAL AND INSTALLATION OF FIRE SPRINKLER MAINS, RISERS, BRANCH LINES, SPRINKLER HEADS, AND DRAIN LINES SHALL BE PROVIDED AS NECESSARY PER THE OVERALL PROJECT SCOPE OF WORK AND THE ABOVE-CEILING CONDITIONS.
- ANY SPECIFIC AREAS AND/OR CONDITIONS WHICH MAY BE NOTED ON THE DRAWINGS ARE INTENDED ONLY AS AN AID TO THE FIRE PROTECTION CONTRACTOR. ALL INFORMATION MUST BE VERIFIED IN THE FIELD. ALL NECESSARY LOCATIONS FOR SPRINKLER WORK AND ALL PERTINENT CONDITIONS MAY NOT BE NOTED ON THE DRAWINGS.
- NEW AND EXISTING STRUCTURAL MEMBERS, DUCTWORK AND AIR DEVICES, SUSPENDED HVAC EQUIPMENT, HYDRONIC PIPING, CONDUIT, LIGHT FIXTURES, SUSPENDED ELECTRICAL EQUIPMENT, PLUMBING PIPING, SUSPENDED PLUMBING EQUIPMENT, AND LOW VOLTAGE DEVICES AND SUSPENDED EQUIPMENT ABOVE CEILING SHALL BE ACCOUNTED FOR.
- NEW AND EXISTING CEILING HEIGHTS, TYPES, AND ASSEMBLIES SHALL BE ACCOUNTED FOR.
- OTHERWISE FUNCTIONAL AND COMPLIANT EXISTING FIRE SPRINKLER SYSTEM PIPING, SPRINKLER HEADS, HANGERS AND SUPPORTS MAY NEED TO BE REMOVED TO ACCOMMODATE OTHER WORK BEING PROVIDED IN THE AVAILABLE ABOVE-CEILING SPACE. IN SUCH CASES, NEW AND ADDITIONAL SPRINKLER SYSTEM MATERIAL SHALL BE PROVIDED IN ALTERNATIVE LOCATIONS AS NECESSARY. ENSURE THAT PROPER SPRINKLER SPACING, COVERAGE AND PROTECTION IS MAINTAINED/PROVIDED.
- THE FIRE SPRINKLER SYSTEM PIPE SIZING, ROUTING, AND HYDRAULIC CALCULATIONS SHALL TAKE INTO ACCOUNT THE AVAILABLE ABOVE-CEILING SPACE AND SYSTEM WATER SUPPLY.
- THE FIRE SPRINKLER SYSTEM WATER SUPPLY SHALL BE VERIFIED AS NECESSARY AND IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
- FOR ANY SPRINKLERS INTENDED FOR REMOVAL, RELOCATION, AND RE-USE, THIS SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND LATEST NFPA 13 REQUIREMENTS. SPRINKLERS SHALL NOT BE RE-USED IF TORQUE HAS BEEN APPLIED DIRECTLY TO THE WRENCH BOSS OF THE SPRINKLER DURING ITS REMOVAL. IF REMOVAL OF A SPRINKLER REQUIRES APPLYING TORQUE TO THE SPRINKLER ITSELF, THEN IT SHALL BE CONSIDERED DAMAGED AND A NEW, LIKE SPRINKLER SHALL BE PROVIDED.



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CLEAR CREEK ISD
HOUSTON, TEXAS

CCISD PROJECT NO:
2025.401

CCISD Priority Repairs BAUE GILE WEBE



ISSUED: 11/14/2024

REVISIONS

Revision No. Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
DBR

Drawn By
DBR
Quality Control

PROJECT NO.

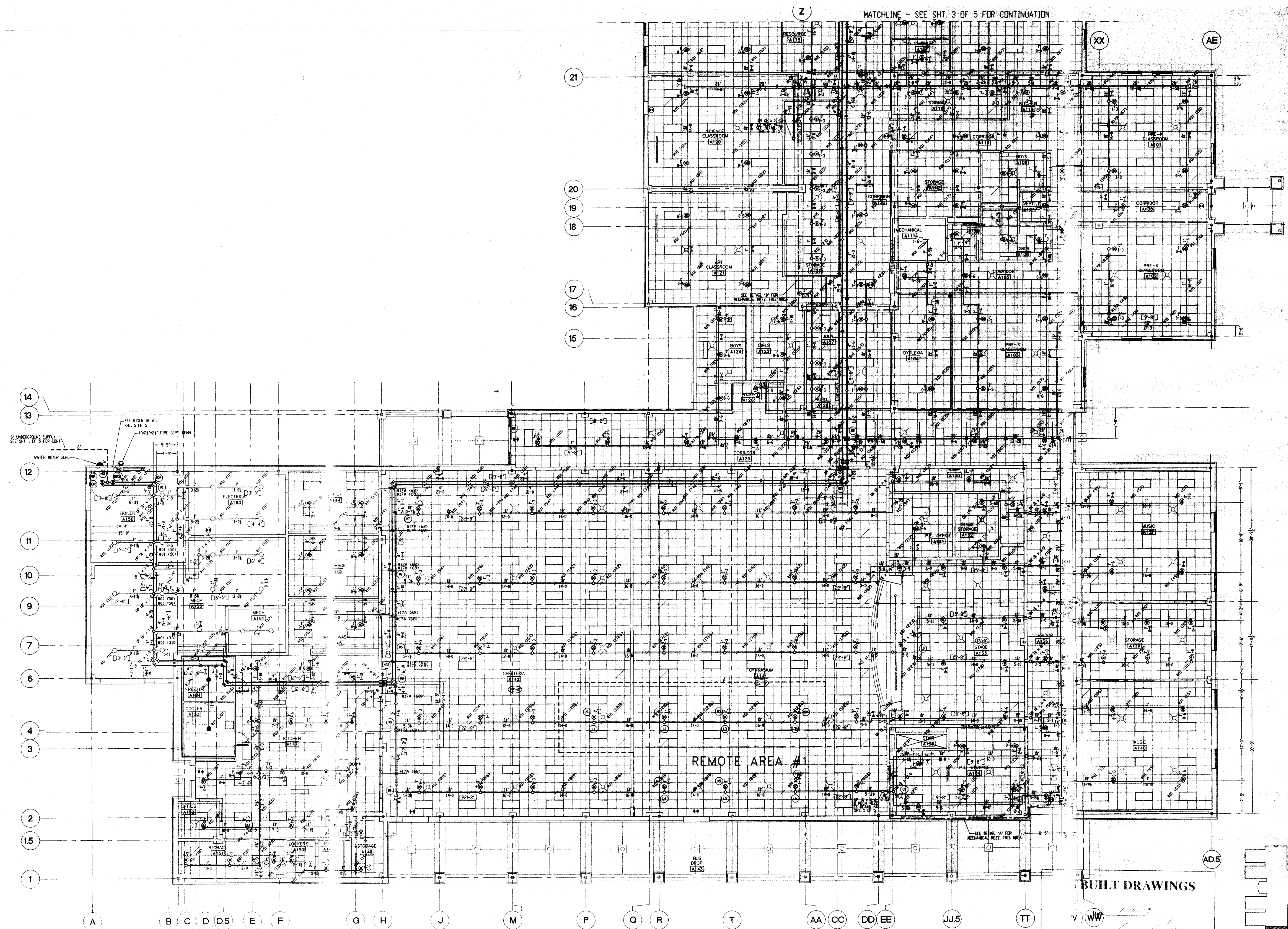
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SHEET TITLE

WEBE - FIRE SPRINKLER
AS BUILTS

SHEET NO.

P32.60



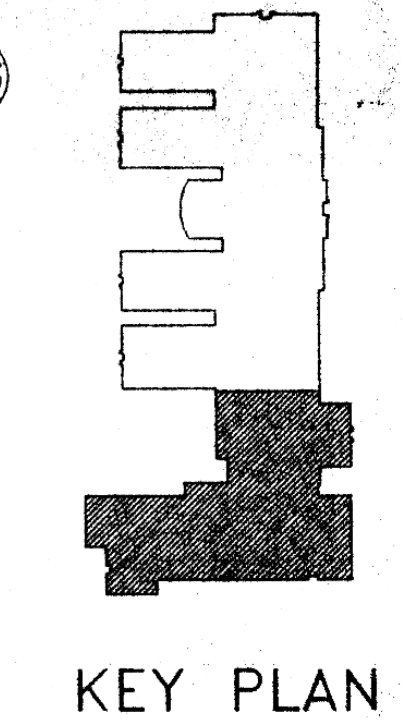
FIRE PROTECTION PLAN - AREA "A"

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

BUILT DRAWINGS

Signature: *W. Meister*

NOTE: SEE SHT. 5 OF 5 FOR
GENERAL NOTES AND DETAILS



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Revision No.	Revision Date

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Approver	DBR
Designer	Quality Control
Designer	
Proj. Arch.	
DBR	

PROJECT NO.

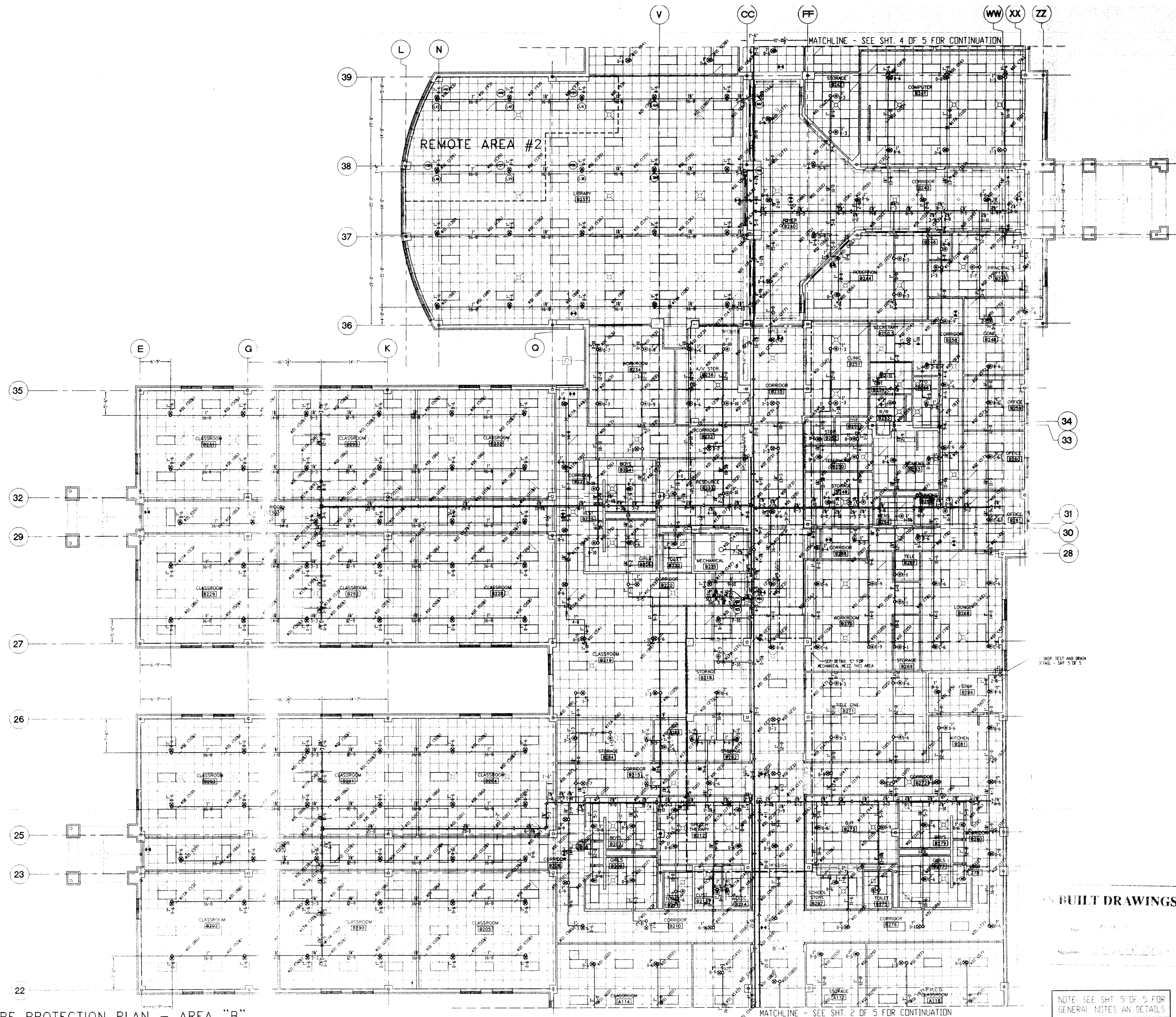
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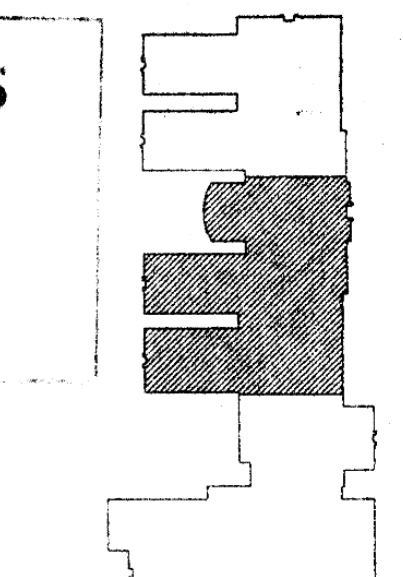
WEBE - FIRE SPRINKLER
AS BUILTS

SHEET NO.

P32.61

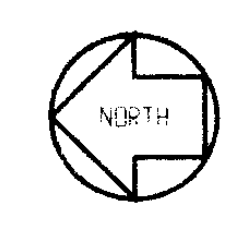


BUILT DRAWINGS



NOTE: SEE SHT 5 OF 5 FOR
GENERAL NOTES AND DETAILS

FIRE PROTECTION PLAN - AREA "B"



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Approver	DBR
Designer	Quality Control
Proj. Arch.	DBR

PROJECT NO.

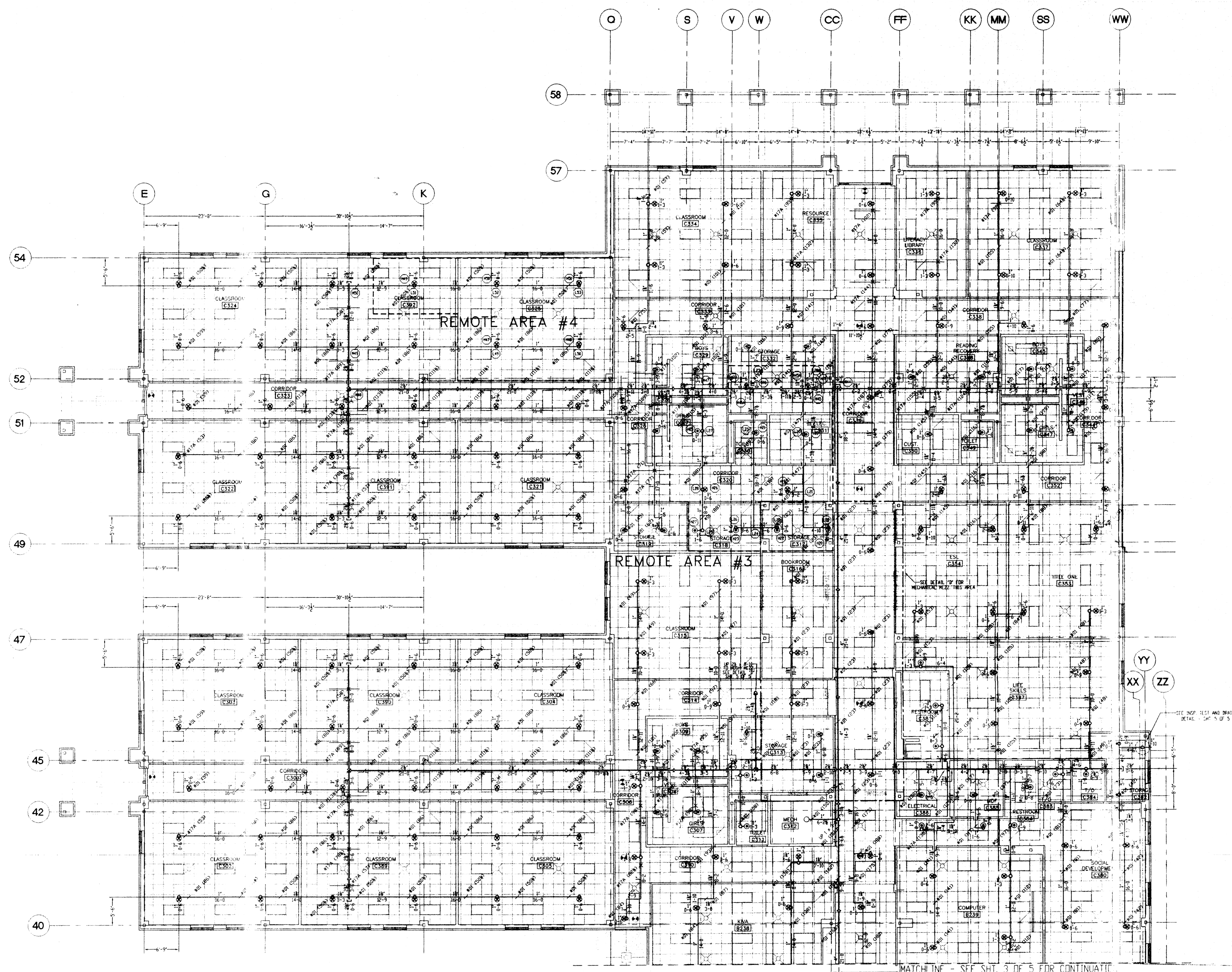
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WEBE - FIRE SPRINKLER
AS BUILTS

SHEET NO.

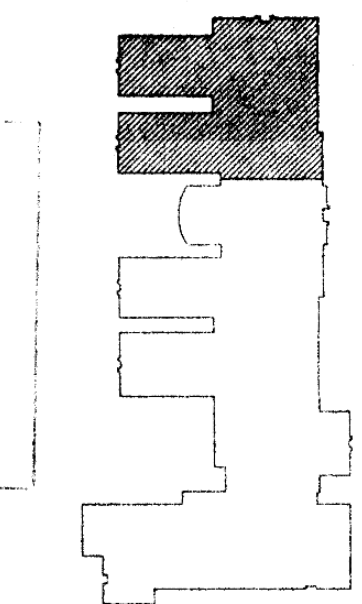
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BUILT DRAWINGS

Date: 11/14/2024
By: [Signature]

NOTE: SEE SHT. 5 OF 5 FOR
GENERAL NOTES AND DETAILS



KEY PLAN



FIRE PROTECTION PLAN - AREA "C"

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



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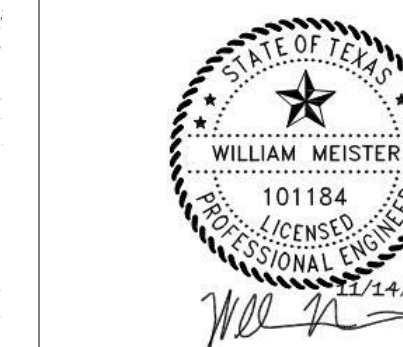
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REVISIONS

Revision No. Revision Date

Director Drawn By
Approver DBR
Designer Quality Control
Designer
Proj. Arch.
DBR

PROJECT NO.

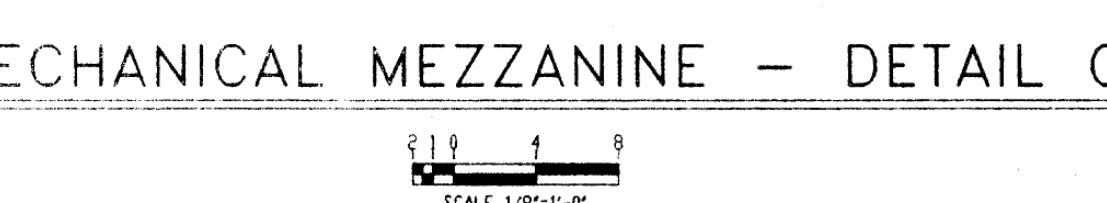
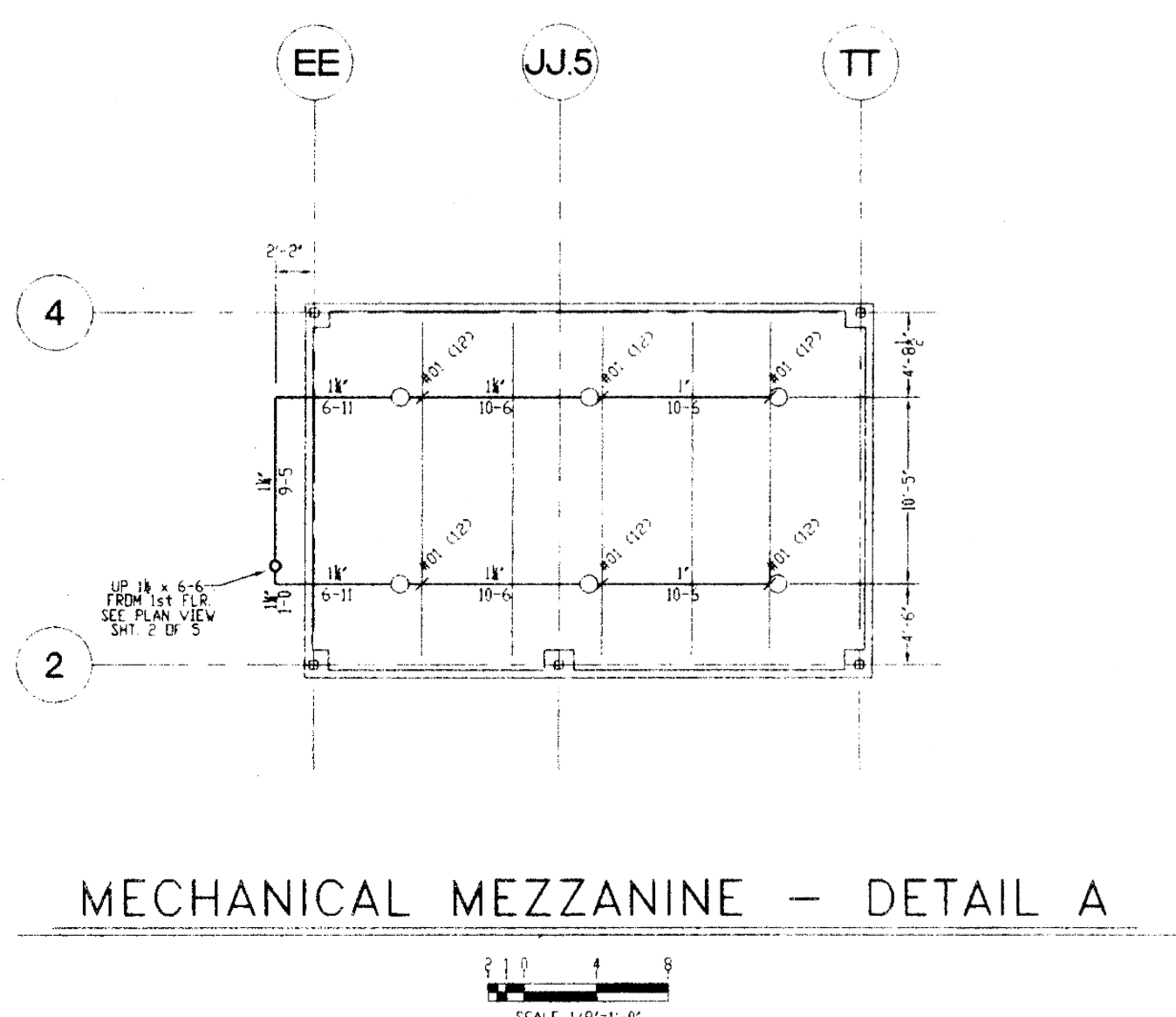
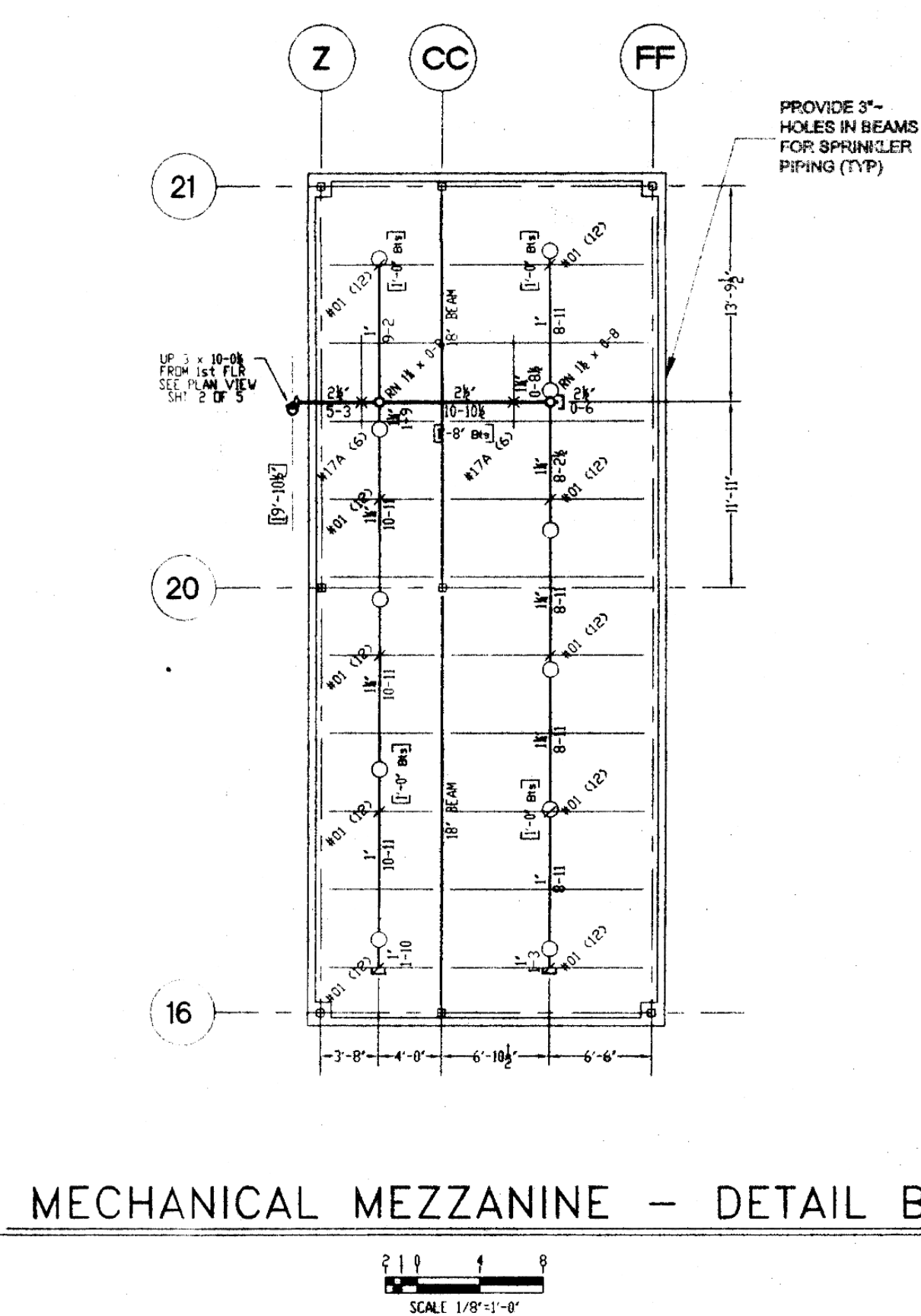
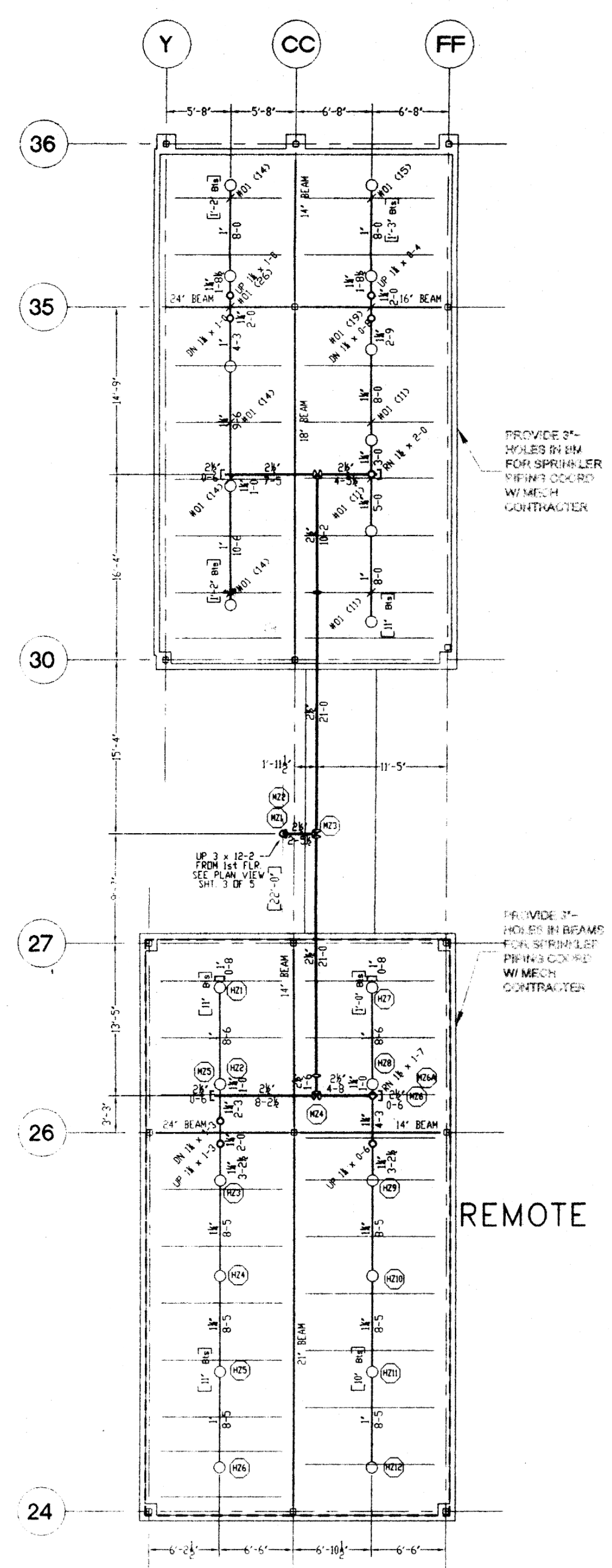
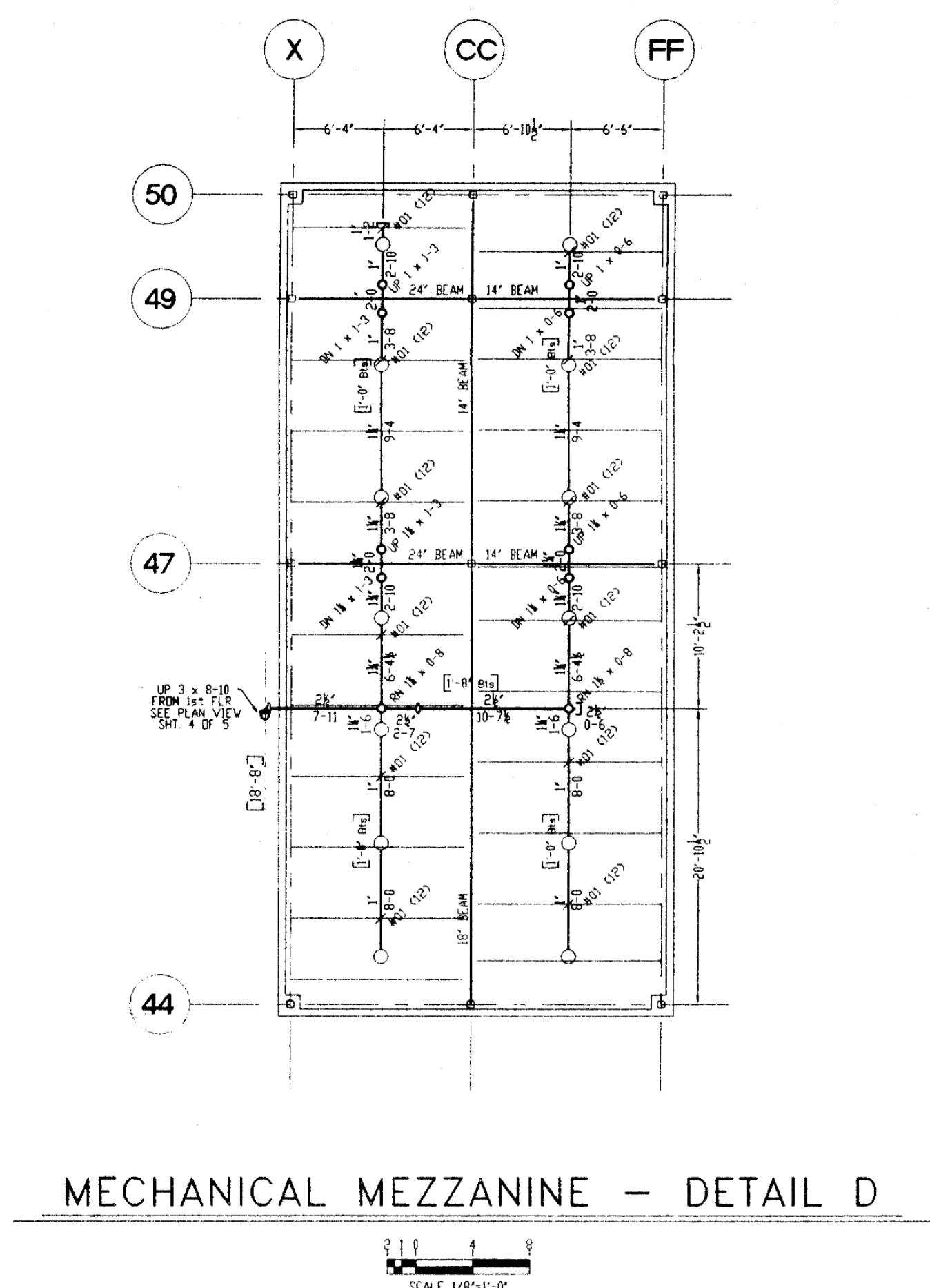
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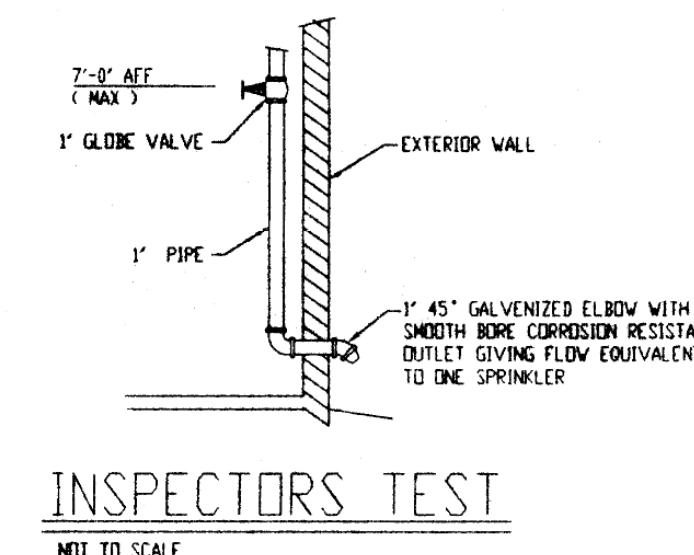
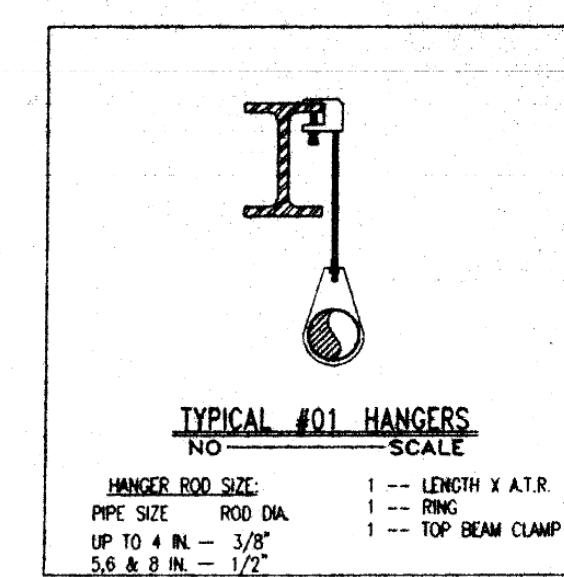
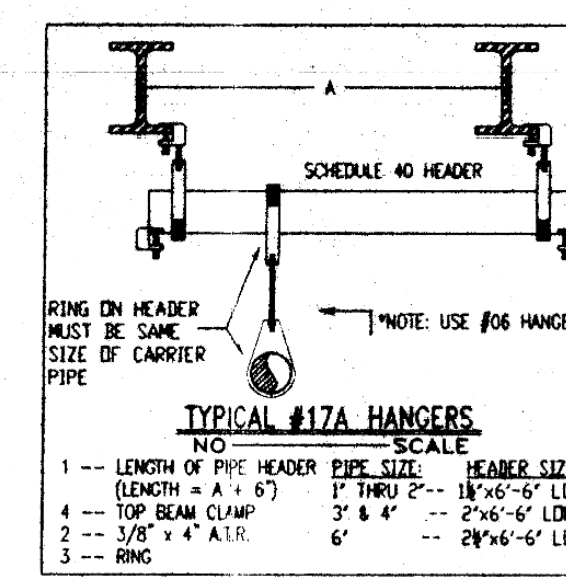
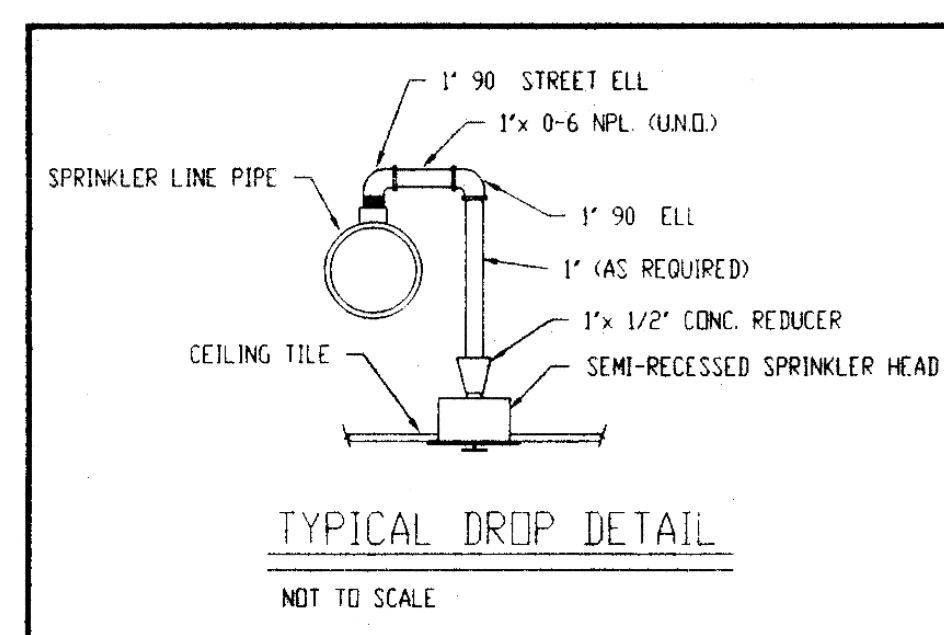
WEBE - FIRE SPRINKLER
AS BUILTS

SHEET NO.

P32.63



REMOTE AREA #5

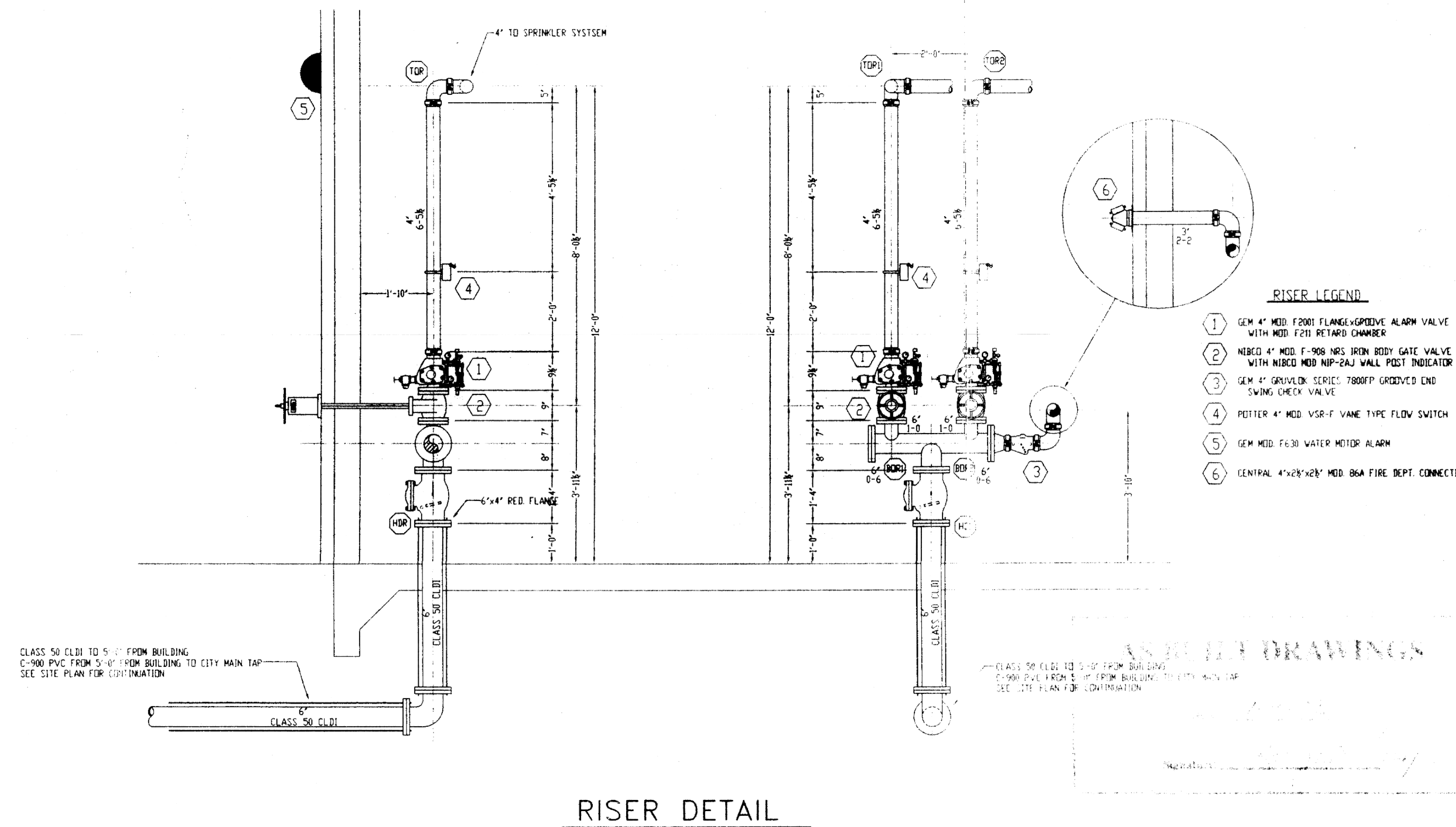


HYDRANOMIC	
This building is protected by a Hydranomic Fire Automatic Sprinkler System.	
Location:	REMOTE AREA #5
No. of Sprinklers:	7
Grade of Design:	15 GPM/50 FT.
1. DENSITY:	15 GPM/50 FT.
2. DESIGNED AREA OF DISCHARGE:	1,352 SQ. FT.
System Demand:	
1. GPM DISCHARGE:	336.33 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER:	50.80 PSI
Hydraulic data placed information	

HYDRANOMIC	
This building is protected by a Hydranomic Fire Automatic Sprinkler System.	
Location:	REMOTE AREA #5
No. of Sprinklers:	
Grade of Design:	15 GPM/50 FT.
1. DENSITY:	15 GPM/50 FT.
2. DESIGNED AREA OF DISCHARGE:	1,352 SQ. FT.
System Demand:	
1. GPM DISCHARGE:	503.12 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER:	57.21 PSI
Hydraulic data placed information	

- GENERAL NOTES
1. ALLIED FIRE PROTECTION TO PROVIDE AN AUTOMATIC FIRE SPRINKLER SYSTEM INSTALLED ACCORDING TO NFPA-13 AND THE CITY OF HOUSTON.
 2. ALL PIPING TO BE AS FOLLOWS:
2 1/2" AND LARGER TO BE SCH 40 FOREIGN OR DOMESTIC ROLL GROOVED BLACK STEEL PIPE WITH VICTAULIC FIRELOCK FITTINGS AND MOD. 005 FIRELOCK COUPLINGS.
2" AND SMALLER TO BE SCH 40 FOREIGN OR DOMESTIC THREADED BLACK STEEL PIPE WITH CLASS 125 CAST IRON THREADED FITTINGS.
 3. ALL SPRINKLER HEADS TO BE IN CENTER OF TILE.
 4. ALL HEADS AND HANGERS TO BE INSTALLED PER NFPA-13 WITH LOCATIONS SUBJECT TO CHANGE DUE TO FIELD CONDITIONS TO MEET NFPA-13.
 5. ALL HANGERS TO BE #1 WITH LENGTH AS NOTED ON THE PLANS (UND).
 6. ALL DROPS TO BE 1" x 1'-10" (UND).
 7. ALL UPRIGHT HEADS TO HAVE DEFLECTORS LOCATED NOT MORE THAN 1'-0" B.T.S.
 8. ALL PAINTING, PATCHING, AND ELECTRICAL WIRING CONNECTIONS TO BE DONE BY OTHERS.

SYSTEM PROTECTION AREA	
SYSTEM # 1	46,687 sq.ft.
SYSTEM # 2	48,042 sq.ft.



HYDRAULIC REMOTE AREA	
10 GPM/50 FT. OVER 1500 SQ. FT. 7 SPRINKLERS FLOWING	10 GPM/50 FT. OVER 1500 SQ. FT. 7 SPRINKLERS FLOWING
SYSTEM DEMAND OF 336.33 GPM AT 50.80 PSI AT THE CITY MAIN	SYSTEM DEMAND OF 336.33 GPM AT 50.80 PSI AT THE CITY MAIN
[DATA FILE: WEBELEM.WK1]	[DATA FILE: WEBELEM.WK2]
SYSTEM SAFETY FACTOR -- 15.5 PSI	SYSTEM SAFETY FACTOR -- 15.5 PSI

HYDRAULIC REMOTE AREA	
10 GPM/50 FT. OVER 1500 SQ. FT. 11 SPRINKLERS FLOWING	10 GPM/50 FT. OVER 1500 SQ. FT. 11 SPRINKLERS FLOWING
SYSTEM DEMAND OF 503.12 GPM AT 57.21 PSI AT THE CITY MAIN	SYSTEM DEMAND OF 503.12 GPM AT 57.21 PSI AT THE CITY MAIN
[DATA FILE: WEBELEM.WK3]	[DATA FILE: WEBELEM.WK4]
SYSTEM SAFETY FACTOR -- 20.4 PSI	SYSTEM SAFETY FACTOR -- 20.4 PSI

HYDRAULIC REMOTE AREA	
10 GPM/50 FT. OVER 1500 SQ. FT. 12 SPRINKLERS FLOWING	10 GPM/50 FT. OVER 1500 SQ. FT. 12 SPRINKLERS FLOWING
SYSTEM DEMAND OF 572.12 GPM AT 61.21 PSI AT THE CITY MAIN	SYSTEM DEMAND OF 572.12 GPM AT 61.21 PSI AT THE CITY MAIN
[DATA FILE: WEBELEM.WK5]	[DATA FILE: WEBELEM.WK6]
SYSTEM SAFETY FACTOR -- 8.3 PSI	SYSTEM SAFETY FACTOR -- 8.3 PSI

