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NOTICE TO ALL CONTRACTORS AND SUB-CONTRACTORS

August 15, 2025

USD 321 Rossville High School Addition and CTE Renovation – JGR Proj #22-3269

ADDENDUM NO. 1

YOU ARE INSTRUCTED TO READ AND TO NOTE THE FOLLOWING DESCRIBED CHANGES, CORRECTIONS, CLARIFICATIONS, OMISSIONS, DELETIONS, ADDITIONS, APPROVALS, AND STATEMENTS PERTINENT TO THE CONTRACT AND CONSTRUCTION DOCUMENTS. THIS ADDENDUM IS A PART OF THE CONTRACT AND CONSTRUCTION DOCUMENTS AND SHALL GOVERN IN THE PERFORMANCE OF THE WORK.

Bid Date: Thursday, August 28, 2025 to the USD 321 District Office, 411 W. Lasley St, St. Marys, KS by 2:00 pm

GENERAL

1. The Bid date has changed to Thursday, August 28, 2025 at 2:00 pm.
2. The Pre-Bid Sign In sheet is attached.
3. The USD 321 District Calendar is included with this addendum.
4. A second pre-bid meeting will be held on Thursday August 21, at 3:30 to allow contractors the opportunity to see the building an additional time to review any conditions. Meeting will be at the Special Services Meeting Room in the CTE building. This is not mandatory.

CIVIL – Drawings

1. Sheet 03 and 04 Site Plan and Site Plan Alternate 1: The existing concrete paving, sidewalk and drive, at the east side of the CTE building, adjacent to the wood shop and metals shop, shall be removed and replaced per the Architectural Site Plans on sheets A1.0 and A1.1.

ARCHITECTURAL – Specifications

1. Table of Contents – The following sections are to be deleted from the Table of Contents:

Section 08581 Custom Storm Windows	Section 09239 PB21 Plaster Wall Covering
Section 092400 Cement Plastering	Section 09241 Gypsum Veneer Plastering
2. E A305 Contractors Qualification Statement – Use the attached 2020 version of the A305 Contractor's Qualification Statement with Exhibit A, B, C, and D.
3. Section 01019 Special Provisions – Paragraph 3, Schedule Clarification. Substantial Completion schedule is stated as August 1, 2026. It is stated to bid the calendar days on the Bid Form. If work cannot be completed by August 1, 2026, identify calendar days/proposed completion date on the bid form. It is critical that school classes remain in session and the building is operational for the start of the 2026 school year. If portions of the work are required to extend later into the school year, or the summer of 27. It shall be noted on the bid form. Prior to occupancy of the 2026-27 school year, all work shall be approved for occupancy by the State Fire Marshal.
4. Section 01019 Special Provisions: Paragraph 5.f.5 Carpet Allowance. Delete the reference to Carpet Allowance. The carpet material shall be bid.
5. Section 07272 – Fluid Applied Vapor Permeable Membrane Air Barriers – Include TK Products as an approved manufacturer for bidding purposes. All products must meet specifications.
6. Section 08211 – Flush Wood Doors: Include Manhattan Door Company as an approved manufacturer for bidding purposes. All products to meet specifications including but not limited to warranty requirements in paragraph 1.9.
7. Section 08410 – Aluminum Entrances and Storefronts – Paragraph 2.06 Hardware – For bidding purposes include the following hardware in the base bid:
Hinges – Manufacturer standard continuous hinge.
Closures – HD Closers – Coordinate with auto operator locations.
Panic Device – Von Duprin 99 Rim Panic / Interior vestibule doors to have MFG standard push pull hardware.
Mullions – Von Duprin KR4954 keyed removable mullion
8. Sections 09688 Carpet – Glue Down: Paragraph 2.02 Carpet Products. Delete reference to Carpet Allowance. Carpet material shall be as follows:
 - A. Walk-off Carpet Tile (type 1) – J&J Industries, Incognito (ashlar pattern) color to be selected.
 - B. Standard Carpet Tile (type 2) – J&J Industries, Fractured Plaid (ashlar pattern) color to be selected

9. Sections 10800 Toilet and Bath Accessories: Include ASI Group as an approved manufacturer for bidding purposes. All products to meet specifications
10. Section 10850 Building Specialties: Sections 1.10 Lockers: Include the Following as an approved manufacturer for bidding purposes. All products to meet specifications.
 - a. ASI Group
 - b. Lyon Manufacturing
11. Section 10850 Building Specialties: Sections 1.06 Markerboard and Tackboard: Include ASI Group as an approved manufacturer for bidding purposes. All products to meet specifications.

ARCHITECTURAL – Drawings

1. Sheet A1.0 Site Plan: At the south outdoor storage fence area. The gate access shall consist of a 10' sliding gate at the west leaf, and a 10' swing gate at the east leaf. Both gates shall include wheel/casters to support for smooth operation of the gate. Provide vertical post latch and concrete sleeve at gate ends for securing gate in close position.
2. Sheet A1.0 and D1.0 Site Plan and Demolition Site Plan: Reference the attached sheets A1.0 and D1.0 for clarification regarding the extent of site paving demolition and installation of new paving at the east side of the CTE building.
3. Sheet A1.0 and A2.0 Site and Floor Plans: A revised handicap sidewalk curb ramp, and handicap sidewalk to the center entrance is added. Reference the attached sheets A1.0 and A2.0.
4. Sheet A1.1 Site Plan: At the south outdoor storage fence area. Fence is to be Type 2, 8' tall.
5. Sheet A1.3 Detail L Chain Link Fence Details: Fence Type 1, located at the Art Patio Base Bid, is to be Black Polyolefin Coated type per spec section 02831 Plastic Coated Chain Link Fence.
6. Sheet A3.2 and A3.3 Elevations: Clarification – At the existing CTE building, all eave and gable trim, and gutter and downspout shall be new and integrated with the new roofing. Disregard note identifying building trim as being per alternate 2.
7. Sheet A3.3 Elevations A and C: Alternate 2 Clarification – All new wall panel per Alternate 2 will be the same horizontal wall panel as the remainder of the CTE building. Note, 3 colors will be provided.
8. Sheet A4.3 Detail A and B: Underside of entry canopy shall be 1" prefinished metal soffit panel, in lieu of EIFS.
9. Sheet A5.1 Roof Plan and Legend: The New roof membrane is to be Fully Adhered TPO. Delete reference to mechanically attached PVC.
10. Sheet A7.1 Reflected Ceiling Plan: The entry canopy soffits outside Entry 101, Hall 102, and Vestibule 104 shall be prefinished metal soffit panel, in lieu of EIFS.
11. Sheet A9.4 Details D and E: Art classroom sinks shall be integral/welded with the stainless steel countertop. Sinks to be 18x24x12"d. Stainless steel counter requirements are stated in Sections 06410 Custom Casework, Paragraph 2.6.
12. Sheet A10.1 Interior Finish Schedule: Note the following revisions:
 Rooms 107, 111, 132, 133, and 142 to be LVT.
 Room 151 to be LVP

MECHANICAL – Drawings

1. Sheet ME1.6: Added receptacles and circuitry to HVAC equipment.
2. Sheet ME1.7: Added receptacles and circuitry to HVAC equipment.
3. Sheet M1.1: Clarified notes for fixtures to be replaced.
4. Sheet M6.1: Updated schedule notes for roof top units.
5. Sheet M6.2: Added EW and WF to plumbing fixture schedule. Modified BS-B to trim only for integral bowl. Modified KS and BS-A to undermount sinks.

ELECTRICAL – Drawings

1. E1.3: Added notes to electrical items in Kiln Room.
2. E1.3: Added circuitry for roof mounted receptacle.
3. E1.4: Added circuitry for roof mounted receptacle.
4. E1.5: Added water flow and tamper switch monitoring at new fire sprinkler system riser.
5. E1.5: Added horn/strobe at exterior for new fire sprinkler system water flow alarm.
6. E1.6: Added horn/strobe at exterior for existing fire sprinkler system water flow alarm.
7. E1.8: Added horn/strobe at exterior for existing fire sprinkler system water flow alarm.
8. E6.2: Changed specification for light fixture types "G" and "H" in Light Fixture Schedule.

Receipt of this Addendum shall be noted on the Bid Form.

END OF ADDENDUM NO. 1

Attachments

Pre-Bid Sign-in Sheet

USD 321 2025/2026 School Calendar

A305-2020 Contractor's Qualification Statement with Exhibits A, B, C, D

Sheets D1.0, D1.1, A1.0, A1.1, A1.3, A2.0, A2.2, A3.2, A3.3, A4.3, A7.1, A9.4, A10.1,
 ME1.6, ME1.7, M1.1, M6.1, M6.2, E1.3, E1.4, E1.5, E1.6, E1.8, E6.2



USD 321 Rossville High School Addition and CTE Renovation
Rossville, KS
Pre-Bid Conference – Thursday, August 7, 2025
JGR Project No. 22-3269

[illegible]

Name	Company	General Contractor (X)	Sub-Contractor Trade	Phone Number	Email Address	Email Address where Bid Information is to be sent
Charles Renz	JGR Architects			785-827-0386	crenz@jgrarchitects.com	
Joe Radzewick	SANDS Construction	X		913-702-5086	JOE@SANDS.US	
Chad Badura	Torgeson Electric		Electrical	785 478 6144	Chad.b@torgesonelectric.com	
Dillon Byrne	McElroy's Inc		Mechanical/Plumbing	785 267 9065	Dillon.Byrne@mcElroys.com	
Brian O'Neill	JB Turner Roofing		Roofing	785-233-9603	boneill@jbturndesigns.com	
Eric Nilges	Crossland	X		620-429-1414	bide@crossland.com	
Paige Melaven	Crossland	X		"	pmelaven@crossland.com	
Taylor Megghar	Riley Construction	X		785-539-6022	taylor@rileybuilds.com	brent@rileybuilds.com
Brian Yoakum	Luna Assoc.		Rep/Roofing	785-633-5158	Byakum@Lunaassoc.com	Jevans@Lunaassoc.com
Adam Schraad	Kruse Corporation		MEP	785 320 2990	estimating@krusecorp.com	estimating@krusecorp.com
Jason Roenne	HME Inc		Steel	785 235 1524	jroenne@hmeinc.net	
Justin Malloy	HME Inc		Steel	785-806-9909	justin.Malloy@hmeinc.net	justin.malloy@hmeinc.net
MIKE ROBINSON	MIDWEST COATING		Roof	785 221 8405	MIKE@MIDWESTCOATING.US	
MATT SEBA	REMCO DEMOLITION		DEMO	913-909-2470	MATT@REMCODEMOCOM	
Breck Simonsson	Diamond Roofing		Roofing	785-537-8028	breck@diamond-roofing.com	

Kaw Valley USD #321 Calendar 2025-2026

August

SU	M	T	W	TH	F	SA
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Student Days

12

Prof Development

3

Work Days

1

P/T Conference

0

September

SU	M	T	W	TH	F	SA
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Student Days

20.5

Prof Development

0.5

Work Days

0

P/T Conference

0

October

SU	M	T	W	TH	F	SA
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Student Days

21

Prof Development

0.5

Work Days

0.5

P/T Conference

1

November

SU	M	T	W	TH	F	SA
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Student Days

16

Prof Development

1

Work Days

0

P/T Conference

0

December

SU	M	T	W	TH	F	SA
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Student Days

13.5

Prof Development

1

Work Days

0.5

P/T Conference

0

January

SU	M	T	W	TH	F	SA
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Student Days

18

Prof Development

2

Work Days

0

P/T Conference

0

February

SU	M	T	W	TH	F	SA
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

Student Days

18

Prof Development

0

Work Days

0

P/T Conference

1

March

SU	M	T	W	TH	F	SA
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Student Days

16

Prof Development

0.5

Work Days

0.5

P/T Conference

0

April

SU	M	T	W	TH	F	SA
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Student Days

20

Prof Development

0

Work Days

0

P/T Conference

0

May

SU	M	T	W	TH	F	SA
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Student Days

13

Prof Development

1.5

Work Days

0.5

P/T Conference

0

June

SU	M	T	W	TH	F	SA
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Year Totals

	Q1	Q2	Q3	Q4	All
Attendance Days	38.5	44.5	45	40	168
Prof Development	4	2	2.5	1.5	10
Work Days	1.5	0.5	0.5	0.5	3
P/T Conference	1	0	1	0	2
Floating PD Days	0	0	0	2	2

Teacher Contract Days

45 47 49 44 185

Late Starts

0 0 0 0 0

Student Contact Days-State

41.5 45.5 47.25 41.75 176

*this counts parent teacher conferences as student contact days and PD as .5

AUGUST
 1,4,5,6 Administrative days
 7 Mentor Mentee Day
 8,11 Professional Development
 12 Teacher Work Day
 13 (LETRS) Professional Development
 14 First Day for Students

SEPTEMBER
 1 Labor Day
 26 1/2 Student Day 1/2 Prof Development
 29,30 P/T Conference 4-8 PM

OCTOBER
 1,2 P/T Conference 4-8 PM
 3 No School-PTC
 9 End of quarter 1
 1/2 Professional Development/ 1/2 Teacher work day
 10 Teacher work day

NOVEMBER
 10 (LETRS) Prof Development

26,27,28 Thanksgiving Break

DECEMBER
 18 1/2 Student Day 1/2 Prof Development/ Last day of Semester
 21 1/2 Professional Development/ 1/2 Teacher work day
 19 Teacher work day
 20-31 Christmas Break-No School

First day for students
 No School
 Enrollment
 Mentor Day
 Professional Development
 Teacher Work Days
 P/T Conference
 1/2 Student Day 1/2 Teacher Workday
 1/2 Professional Development/ 1/2 Teacher work day
 1/2 Student Day 1/2 Prof Development
 Late Start
 Floating Days
 End of Quarter

JANUARY
 1-4 Christmas Break-No school
 5 (LETRS) Professional Development

19 Professional Development

FEBRUARY
 9,10, 11, 12 P/T Conference 4-8 PM
 13 No School-PTC
 16 No school-Presidents Day
 12 End of 3rd Quarter
 1/2 Professional Development/ 1/2 Teacher work day
 14-22 Spring Break

APRIL
 3 No School- Good Friday
 6 No School- Easter Monday

MAY
 19 Last day of School
 20 1/2 Professional Development/ 1/2 Teacher work day

21 (LETRS) Professional Development
 22, 26 Professional Development-Floating

AIA® Document A305® – 2020

Contractor's Qualification Statement

THE PARTIES SHOULD EXECUTE A SEPARATE CONFIDENTIALITY AGREEMENT IF THEY INTEND FOR ANY OF THE INFORMATION IN THIS A305-2020 TO BE HELD CONFIDENTIAL.

SUBMITTED BY:

(Organization name and address.)

SUBMITTED TO:

(Organization name and address.)

TYPE OF WORK TYPICALLY PERFORMED

(Indicate the type of work your organization typically performs, such as general contracting, construction manager as constructor services, HVAC contracting, electrical contracting, plumbing contracting, or other.)

THIS CONTRACTOR'S QUALIFICATION STATEMENT INCLUDES THE FOLLOWING:

(Check all that apply.)

- ☐ Exhibit A – General Information
- ☐ Exhibit B – Financial and Performance Information
- ☐ Exhibit C – Project-Specific Information
- ☐ Exhibit D – Past Project Experience
- ☐ Exhibit E – Past Project Experience (Continued)

CONTRACTOR CERTIFICATION

The undersigned certifies under oath that the information provided in this Contractor's Qualification Statement is true and sufficiently complete so as not to be misleading.

{{@signerTag}}

CONTRACTOR'S Authorized Representative (Signature)

(Printed name and title)

Date

NOTARY

State of:

County of:

Signed and sworn to before me this day of

Notary Signature

My commission expires:

ADDITIONS AND DELETIONS:

The author of this document may have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added to or deleted from the original AIA text.

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AIA® Document A305® – 2020 Exhibit A

General Information

This Exhibit is part of the Contractor's Qualification Statement, submitted by and dated the day of in the year
(In words, indicate day, month and year.)

§ A.1 ORGANIZATION

§ A.1.1 Name and Location

§ A.1.1.1 Identify the full legal name of your organization.

§ A.1.1.2 List all other names under which your organization currently does business and, for each name, identify jurisdictions in which it is registered to do business under that trade name.

§ A.1.1.3 List all prior names under which your organization has operated and, for each name, indicate the date range and jurisdiction in which it was used.

§ A.1.1.4 Identify the address of your organization's principal place of business and list all office locations out of which your organization conducts business. If your organization has multiple offices, you may attach an exhibit or refer to a website.

§ A.1.2 Legal Status

§ A.1.2.1 Identify the legal status under which your organization does business, such as sole proprietorship, partnership, corporation, limited liability corporation, joint venture, or other.

- .1 If your organization is a corporation, identify the state in which it is incorporated, the date of incorporation, and its four highest-ranking corporate officers and their titles, as applicable.

- .2 If your organization is a partnership, identify its partners and its date of organization.

- .3 If your organization is individually owned, identify its owner and date of

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organization.

- .4 If the form of your organization is other than those listed above, describe it and identify its individual leaders:

§ A.1.2.2 Does your organization own, in whole or in part, any other construction-related businesses? If so, identify and describe those businesses and specify percentage of ownership.

§ A.1.3 Other Information

§ A.1.3.1 How many years has your organization been in business?

§ A.1.3.2 How many full-time employees work for your organization?

§ A.1.3.3 List your North American Industry Classification System (NAICS) codes and titles. Specify which is your primary NAICS code.

§ A.1.3.4 Indicate whether your organization is certified as a governmentally recognized special business class, such as a minority business enterprise, woman business enterprise, service disabled veteran owned small business, woman owned small business, small business in a HUBZone, or a small disadvantaged business in the 8(a) Business Development Program. For each, identify the certifying authority and indicate jurisdictions to which such certification applies.

§ A.2 EXPERIENCE

§ A.2.1 Complete Exhibit D to describe up to four projects, either completed or in progress, that are representative of your organization's experience and capabilities.

§ A.2.2 State your organization's total dollar value of work currently under contract.

§ A.2.3 Of the amount stated in Section A.2.2, state the dollar value of work that remains to be completed:

§ A.2.4 State your organization's average annual dollar value of construction work performed during the last five years.

§ A.3 CAPABILITIES

§ A.3.1 List the categories of work that your organization typically self-performs.

§ A.3.2 Identify qualities, accreditations, services, skills, or personnel that you believe differentiate your organization from others.

§ A.3.3 Does your organization provide design collaboration or pre-construction services? If so, describe those services.

§ A.3.4 Does your organization use building information modeling (BIM)? If so, describe how your organization uses BIM and identify BIM software that your organization regularly uses.

§ A.3.5 Does your organization use a project management information system? If so, identify that system.

§ A.4 REFERENCES

§ A.4.1 Identify three client references:

(Insert name, organization, and contact information)

§ A.4.2 Identify three architect references:

(Insert name, organization, and contact information)

§ A.4.3 Identify one bank reference:

(Insert name, organization, and contact information)

§ A.4.4 Identify three subcontractor or other trade references:

(Insert name, organization, and contact information)

AIA® Document A305® – 2020 Exhibit B

Financial and Performance Information

This Exhibit is part of the Contractor's Qualification Statement, submitted by and dated the day of in the year .
(In words, indicate day, month and year.)

§ B.1 FINANCIAL

§ B.1.1 Federal tax identification number:

§ B.1.2 Attach financial statements for the last three years prepared in accordance with Generally Accepted Accounting Principles, including your organization's latest balance sheet and income statement. Also, indicate the name and contact information of the firm that prepared each financial statement.

§ B.1.3 Has your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management, been the subject of any bankruptcy proceeding within the last ten years?

§ B.1.4 Identify your organization's preferred credit rating agency and identification information.

(Identify rating agency, such as Dun and Bradstreet or Equifax, and insert your organization's identification number or other method of searching your organization's credit rating with such agency.)

§ B.2 DISPUTES AND DISCIPLINARY ACTIONS

§ B.2.1 Are there any pending or outstanding judgments, arbitration proceedings, bond claims, or lawsuits against your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management, or any of the individuals listed in Exhibit A, Section 1.2, in which the amount in dispute is more than \$75,000?

(If the answer is yes, provide an explanation.)

§ B.2.2 In the last five years has your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management:

(If the answer to any of the questions below is yes, provide an explanation.)

.1 failed to complete work awarded to it?

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- .2 been terminated for any reason except for an owners' convenience?

- .3 had any judgments, settlements, or awards pertaining to a construction project in which your organization was responsible for more than \$75,000?

- .4 filed any lawsuits or requested arbitration regarding a construction project?

§ B.2.3 In the last five years, has your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management; or any of the individuals listed in Exhibit A Section 1.2:
(If the answer to any of the questions below is yes, provide an explanation.)

- .1 been convicted of, or indicted for, a business-related crime?

- .2 had any business or professional license subjected to disciplinary action?

- .3 been penalized or fined by a state or federal environmental agency?

AIA® Document A305® – 2020 Exhibit C

Project Specific Information

This Exhibit is part of the Contractor's Qualification Statement, submitted by and dated the day of in the year
(In words, indicate day, month and year.)

PROJECT:

(Name and location or address.)

CONTRACTOR'S PROJECT OFFICE:

(Identify the office out of which the contractor proposes to perform the work for the Project.)

TYPE OF WORK SOUGHT

(Indicate the type of work you are seeking for this Project, such as general contracting, construction manager as constructor, design-build, HVAC subcontracting, electrical subcontracting, plumbing subcontracting, etc.)

CONFLICT OF INTEREST

Describe any conflict of interest your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management, or any of the individuals listed in Exhibit A Section 1.2, may have regarding this Project.

§ C.1 PERFORMANCE OF THE WORK

§ C.1.1 When was the Contractor's Project Office established?

§ C.1.2 How many full-time field and office staff are respectively employed at the Contractor's Project Office?

§ C.1.3 List the business license and contractor license or registration numbers for the Contractor's Project Office that pertain to the Project.

§ C.1.4 Identify key personnel from your organization who will be meaningfully involved

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with work on this Project and indicate (1) their position on the Project team, (2) their office location, (3) their expertise and experience, and (4) projects similar to the Project on which they have worked.

§ C.1.5 Identify portions of work that you intend to self-perform on this Project.

§ C.1.6 To the extent known, list the subcontractors you intend to use for major portions of work on the Project.

§ C.2 EXPERIENCE RELATED TO THE PROJECT

§ C.2.1 Complete Exhibit D to describe up to four projects performed by the Contractor's Project Office, either completed or in progress, that are relevant to this Project, such as projects in a similar geographic area or of similar project type. If you have already completed Exhibit D, but want to provide further examples of projects that are relevant to this Project, you may complete Exhibit E.

§ C.2.2 State the total dollar value of work currently under contract at the Contractor's Project Office:

§ C.2.3 Of the amount stated in Section C.2.2, state the dollar value of work that remains to be completed:

§ C.2.4 State the average annual dollar value of construction work performed by the Contractor's Project Office during the last five years.

§ C.2.5 List the total number of projects the Contractor's Project Office has completed in the last five years and state the dollar value of the largest contract the Contractor's Project Office has completed during that time.

§ C.3 SAFETY PROGRAM AND RECORD

§ C.3.1 Does the Contractor's Project Office have a written safety program?

§ C.3.2 List all safety-related citations and penalties the Contractor's Project Office has received in the last three years.

§ C.3.3 Attach the Contractor's Project Office's OSHA 300a Summary of Work-Related Injuries and Illnesses form for the last three years.

§ C.3.4 Attach a copy of your insurance agent's verification letter for your organization's current workers' compensation experience modification rate and rates for the last three years.

§ C.4 INSURANCE

§ C.4.1 Attach current certificates of insurance for your commercial general liability policy, umbrella insurance policy, and professional liability insurance policy, if any. Identify deductibles or self-insured retentions for your commercial general liability policy.

§ C.4.2 If requested, will your organization be able to provide property insurance for the Project written on a builder's risk "all-risks" completed value or equivalent policy form and sufficient to cover the total value of the entire Project on a replacement cost basis?

☐

§ C.4.3 Does your commercial general liability policy contain any exclusions or restrictions of coverage that are prohibited in AIA Document A101-2017, Exhibit A, Insurance A.3.2.2.2? If so, identify.

☐

§ C.5 SURETY

§ C.5.1 If requested, will your organization be able to provide a performance and payment bond for this Project?

☐

§ C.5.2 Surety company name:

§ C.5.3 Surety agent name and contact information:

§ C.5.4 Total bonding capacity:

§ C.5.5 Available bonding capacity as of the date of this qualification statement:



AIA[®] Document A305[™] – 2020 Exhibit D

Contractor's Past Project Experience

	1	2	3	4
PROJECT NAME				
PROJECT LOCATION				
PROJECT TYPE				
OWNER				
ARCHITECT				
CONTRACTOR'S PROJECT EXECUTIVE				
KEY PERSONNEL (include titles)				
PROJECT DETAILS	Contract Amount Completion Date % Self-Performed Work	Contract Amount Completion Date % Self-Performed Work	Contract Amount Completion Date % Self-Performed Work	Contract Amount Completion Date % Self-Performed Work
PROJECT DELIVERY METHOD	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:
SUSTAINABILITY CERTIFICATIONS				

SITE DEMOLITION NOTES

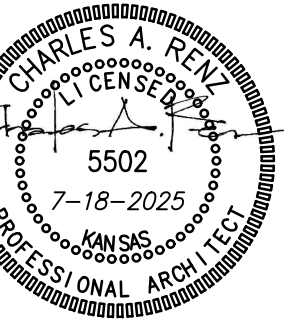
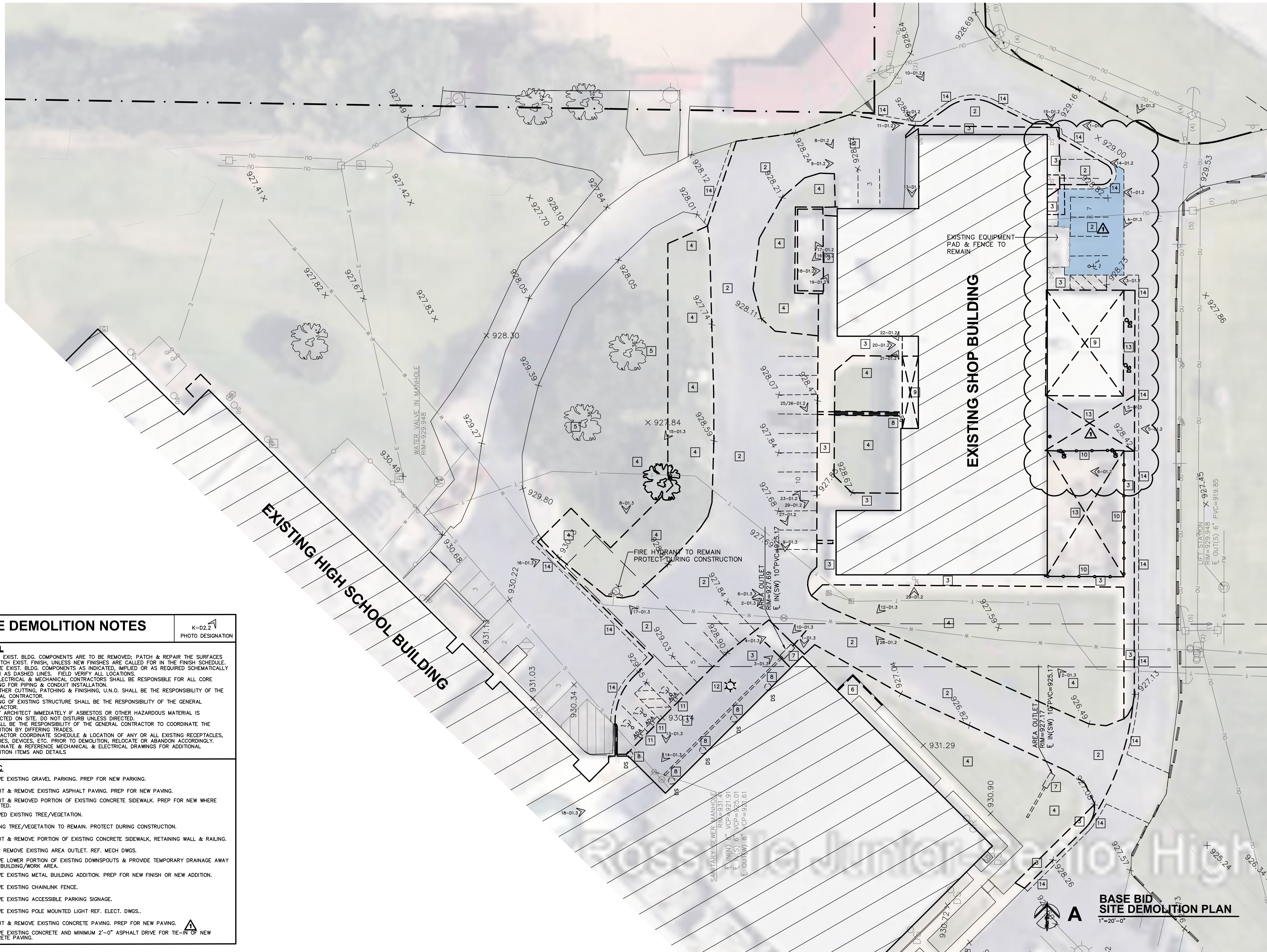
GENERAL

- WHERE EXIST. BLDG. COMPONENTS ARE TO BE REMOVED; PATCH & REPAIR THE SURFACES TO MATCH EXIST. FINISH, UNLESS NEW FINISHES ARE CALLED FOR IN THE FINISH SCHEDULE.
- REMOVE EXIST. BLDG. COMPONENTS AS INDICATED, IMPLIED OR AS REQUIRED SCHEMATICALLY SHOWN AS DASHED LINES. FIELD VERIFY ALL LOCATIONS.
- THE ELECTRICAL & MECHANICAL CONTRACTORS SHALL BE RESPONSIBLE FOR ALL CORE DRILLING FOR PIPING & CONDUIT INSTALLATION.
- ALL OTHER CUTTING, PATCHING & FINISHING, U.N.O. SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- SHORING OF EXISTING STRUCTURE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- NOTIFY ARCHITECT IMMEDIATELY IF ASBESTOS OR OTHER HAZARDOUS MATERIAL IS SUSPECTED ON SITE. DO NOT DISTURB UNLESS DIRECTED.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE THE DEMOLITION BY DIFFERING TRADES.
- CONTRACTOR COORDINATE SCHEDULE & LOCATION OF ANY OR ALL EXISTING RECEPTACLES, SWITCHES, DEVICES, ETC. PRIOR TO DEMOLITION, RELOCATE OR ABANDON ACCORDINGLY.
- COORDINATE & REFERENCE MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION ITEMS AND DETAILS.

SPECIFIC

- REMOVE EXISTING GRAVEL PARKING. PREP FOR NEW PARKING.
- SAWCUT & REMOVE EXISTING ASPHALT PAVING. PREP FOR NEW PAVING.
- SAWCUT & REMOVED PORTION OF EXISTING CONCRETE SIDEWALK. PREP FOR NEW WHERE INDICATED.
- REMOVED EXISTING TREE/VEGETATION.
- EXISTING TREE/VEGETATION TO REMAIN. PROTECT DURING CONSTRUCTION.
- SAWCUT & REMOVE PORTION OF EXISTING CONCRETE SIDEWALK, RETAINING WALL & RAILING.
- F.V. & REMOVE EXISTING AREA OUTLET. REF. MECH DWGS.
- REMOVE LOWER PORTION OF EXISTING DOWNSPOUTS & PROVIDE TEMPORARY DRAINAGE AWAY FROM BUILDING/WORK AREA.
- REMOVE EXISTING METAL BUILDING ADDITION. PREP FOR NEW FINISH OR NEW ADDITION.
- REMOVE EXISTING CHAINLINK FENCE.
- REMOVE EXISTING ACCESSIBLE PARKING SIGNAGE.
- REMOVE EXISTING POLE MOUNTED LIGHT REF. ELECT. DWGS..
- SAWCUT & REMOVE EXISTING CONCRETE PAVING. PREP FOR NEW PAVING.
- REMOVE EXISTING CONCRETE AND MINIMUM 2'-0" ASPHALT DRIVE FOR TIE-IN OF NEW CONCRETE PAVING.

K-D2.2
PHOTO DESIGNATION



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DATE: 7-18-2025
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SHEET NO.:

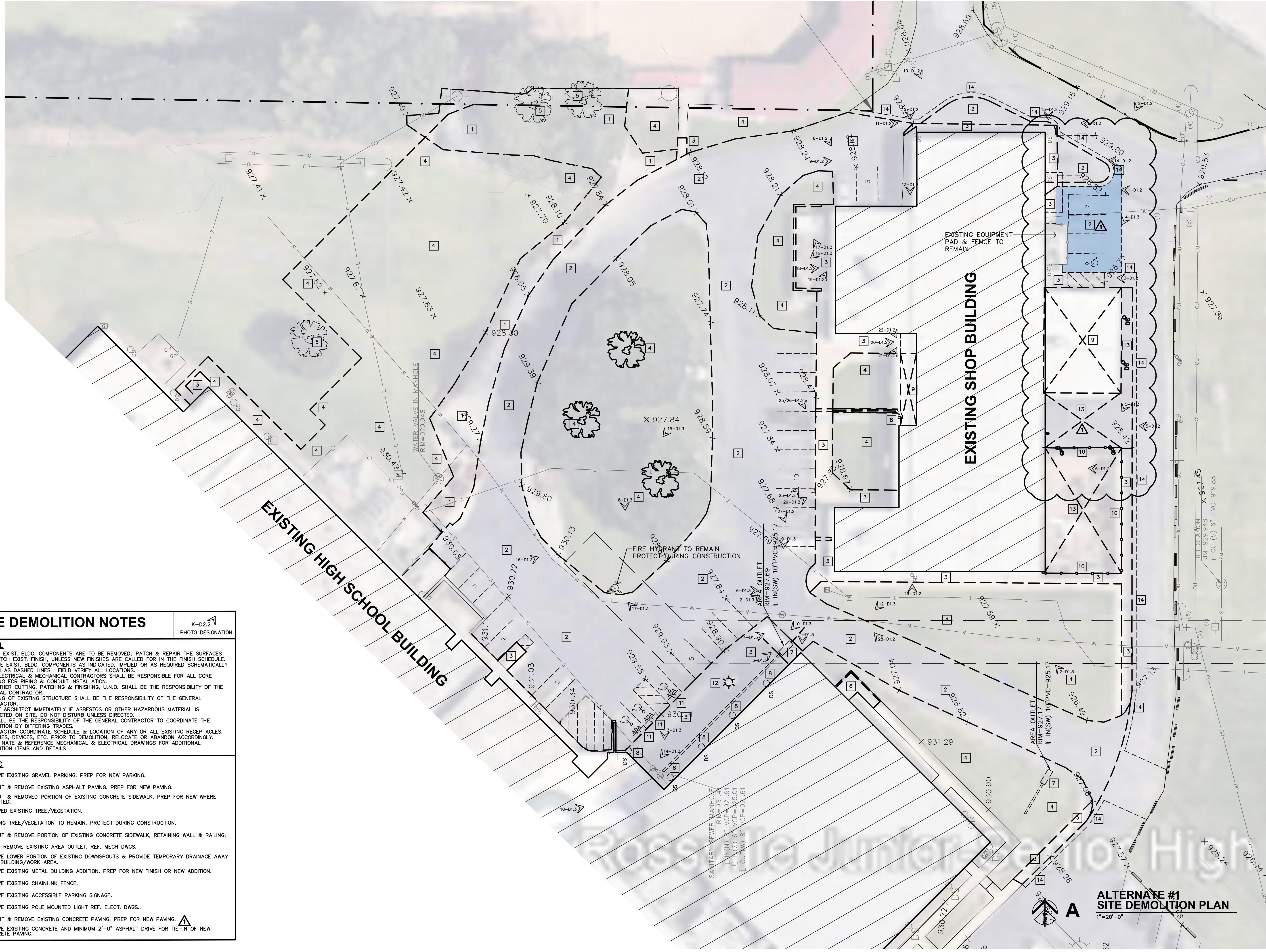
D1.0

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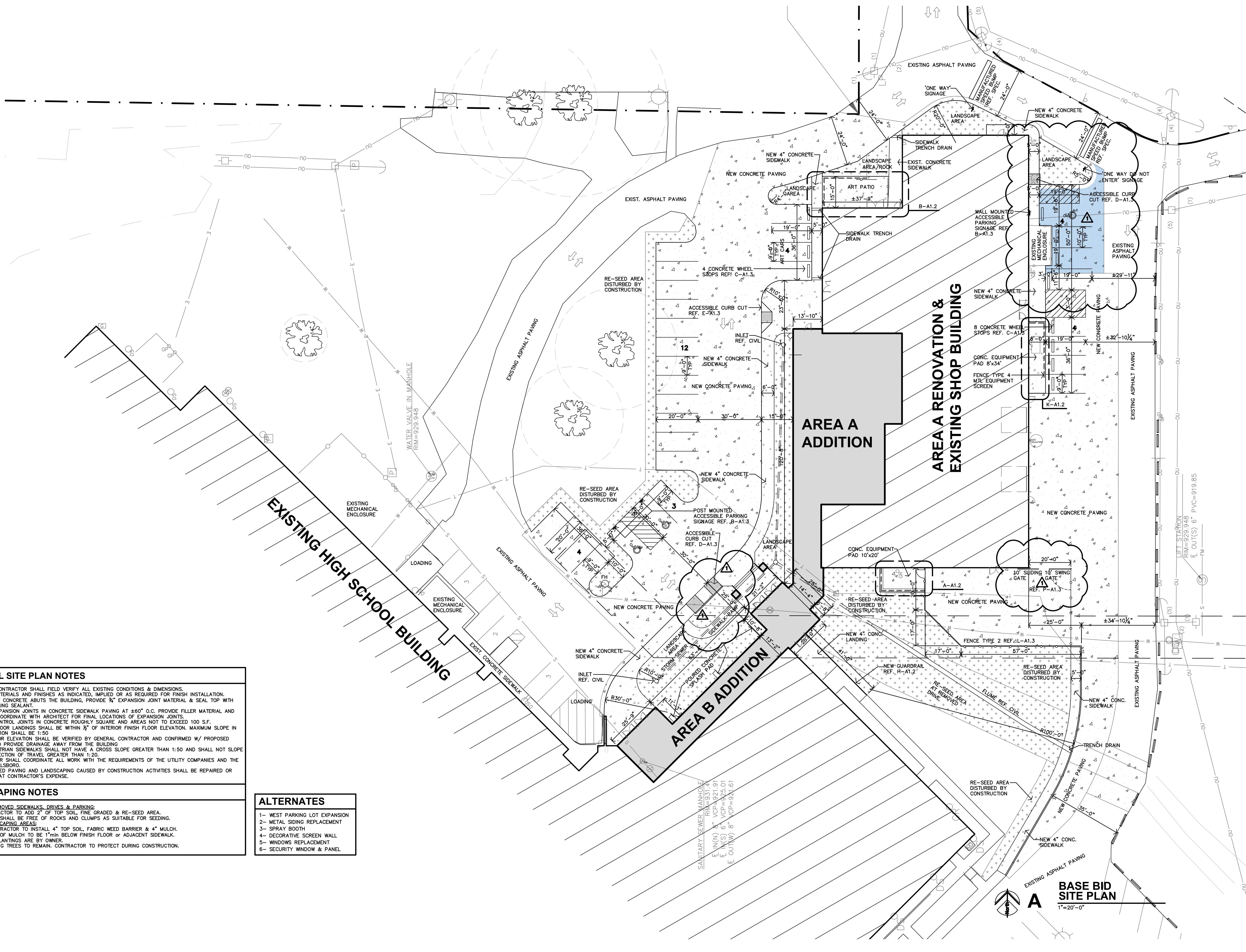
USD 321 - ROSSVILLE HIGH SCHOOL
ADDITION & CTE RENOVATION
ROSSVILLE, KANSAS

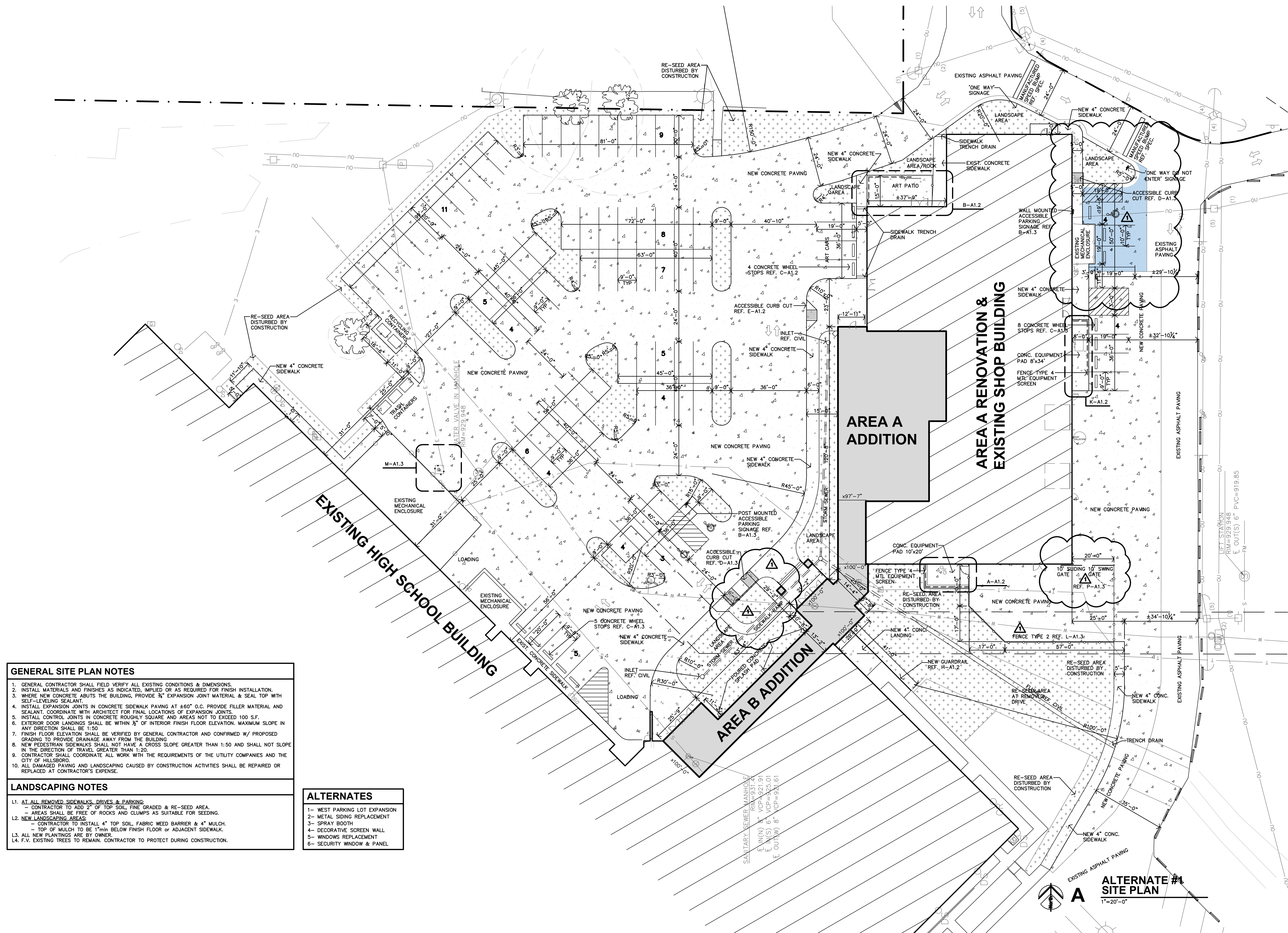
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GENERAL SITE PLAN NOTES
1. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS.
2. INSTALL MATERIALS AND FINISHES AS INDICATED, IMPLIED OR AS REQUIRED FOR FINISH INSTALLATION.
3. WHERE NEW CONCRETE ABUTS THE BUILDING, PROVIDE 3/4" EXPANSION JOINT MATERIAL & SEAL TOP WITH SELF-LEVELING SEALANT.
4. INSTALL EXPANSION JOINTS IN CONCRETE SIDEWALK PAVING AT ±60" O.C. PROVIDE FILLER MATERIAL AND SEALANT. COORDINATE WITH ARCHITECT FOR FINAL LOCATIONS OF EXPANSION JOINTS.
5. INSTALL CONTROL JOINTS IN CONCRETE ROUGHLY SQUARE AND AREAS NOT TO EXCEED 100 S.F.
6. EXTERIOR DOOR LANDINGS SHALL BE WITHIN 1/2" OF INTERIOR FINISH FLOOR ELEVATION. MAXIMUM SLOPE IN ANY DIRECTION SHALL BE 1:50
7. FINISH FLOOR ELEVATION SHALL BE VERIFIED BY GENERAL CONTRACTOR AND CONFIRMED W/ PROPOSED GRADING TO PROVIDE DRAINAGE AWAY FROM THE BUILDING
8. NEW PEDESTRIAN SIDEWALKS SHALL NOT HAVE A CROSS SLOPE GREATER THAN 1:50 AND SHALL NOT SLOPE IN THE DIRECTION OF TRAVEL GREATER THAN 1:20.
9. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE REQUIREMENTS OF THE UTILITY COMPANIES AND THE CITY OF HILLSBORO.
10. ALL DAMAGED PAVING AND LANDSCAPING CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
LANDSCAPING NOTES
L1. AT ALL REMOVED SIDEWALKS, DRIVES & PARKING: - CONTRACTOR TO ADD 2" OF TOP SOIL, FINE GRADED & RE-SEED AREA. - AREAS SHALL BE FREE OF ROCKS AND CLUMPS AS SUITABLE FOR SEEDING.
L2. NEW LANDSCAPING AREAS: - CONTRACTOR TO INSTALL 4" TOP SOIL, FABRIC WEED BARRIER & 4" MULCH. - TOP OF MULCH TO BE 1" MIN BELOW FINISH FLOOR OR ADJACENT SIDEWALK.
L3. ALL NEW PLANTINGS ARE BY OWNER.
L4. F.V. EXISTING TREES TO REMAIN. CONTRACTOR TO PROTECT DURING CONSTRUCTION.

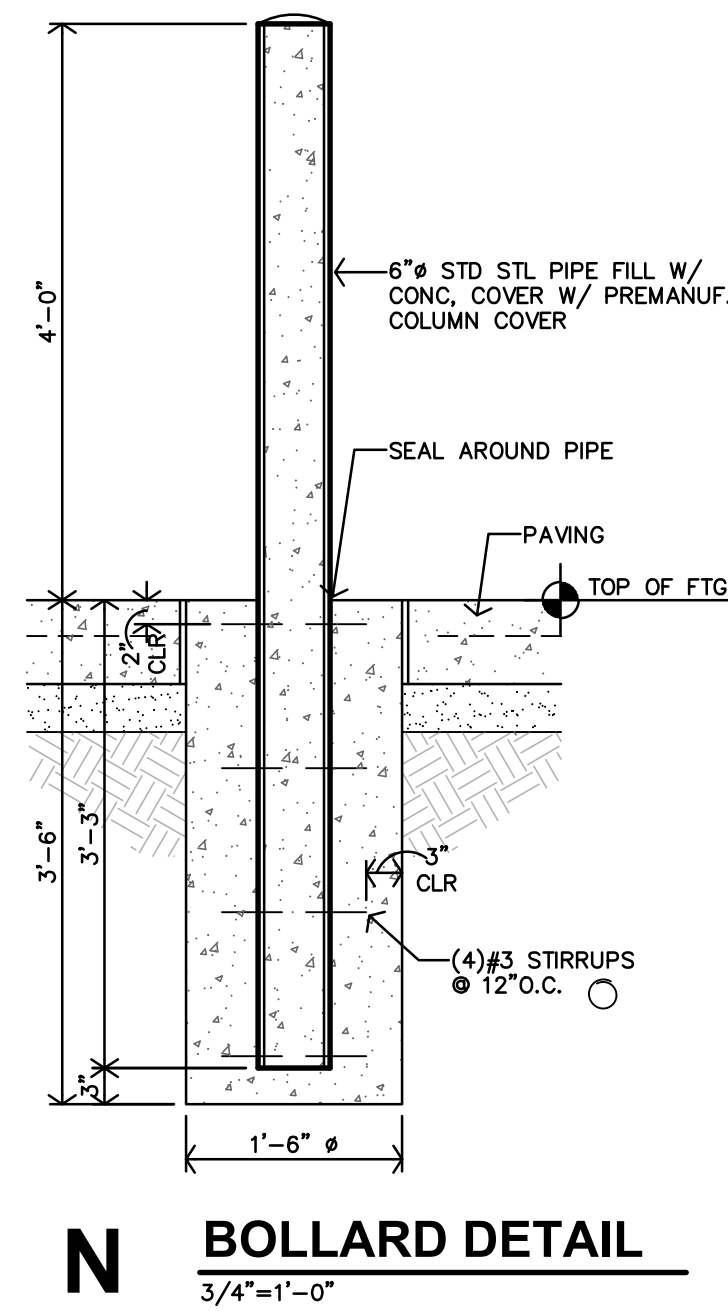
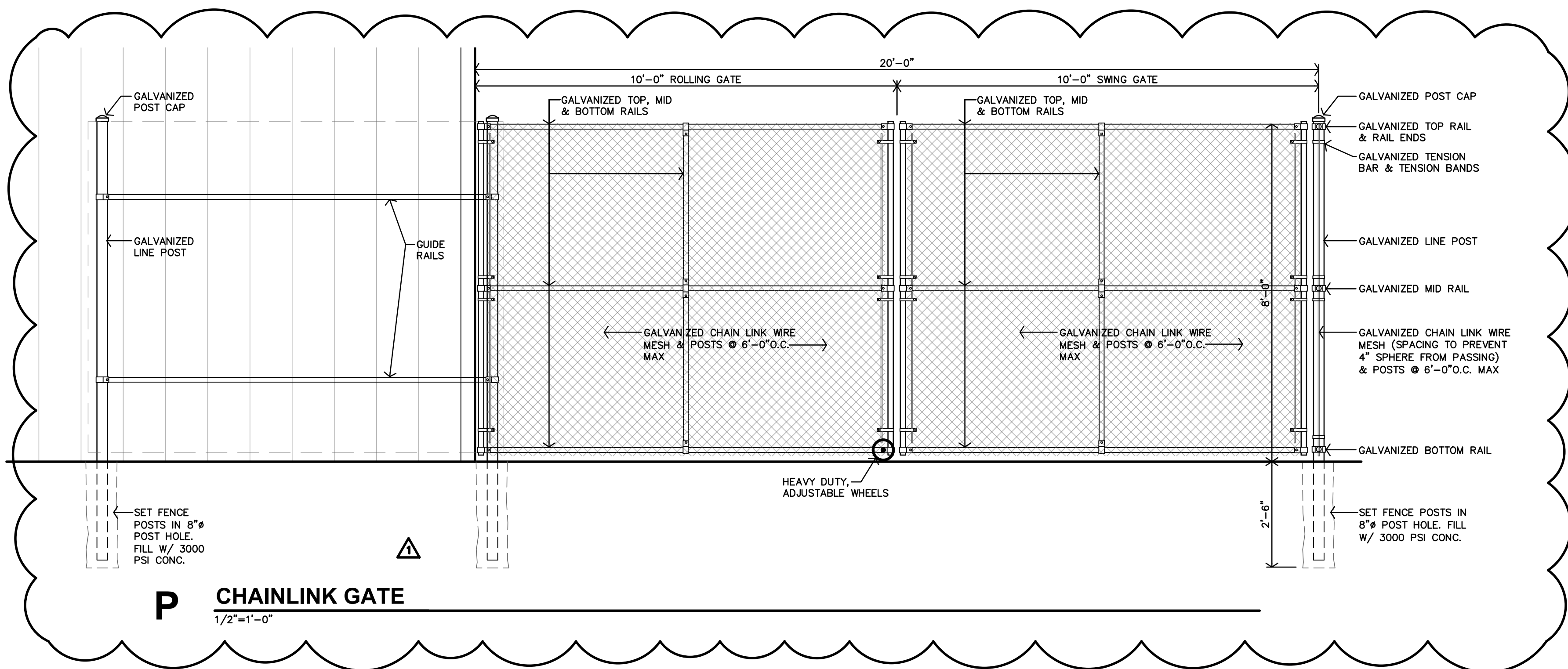
ALTERNATES
1- WEST PARKING LOT EXPANSION
2- METAL SIDING REPLACEMENT
3- SPRAY BOOTH
4- DECORATIVE SCREEN WALL
5- WINDOWS REPLACEMENT
6- SECURITY WINDOW & PANEL



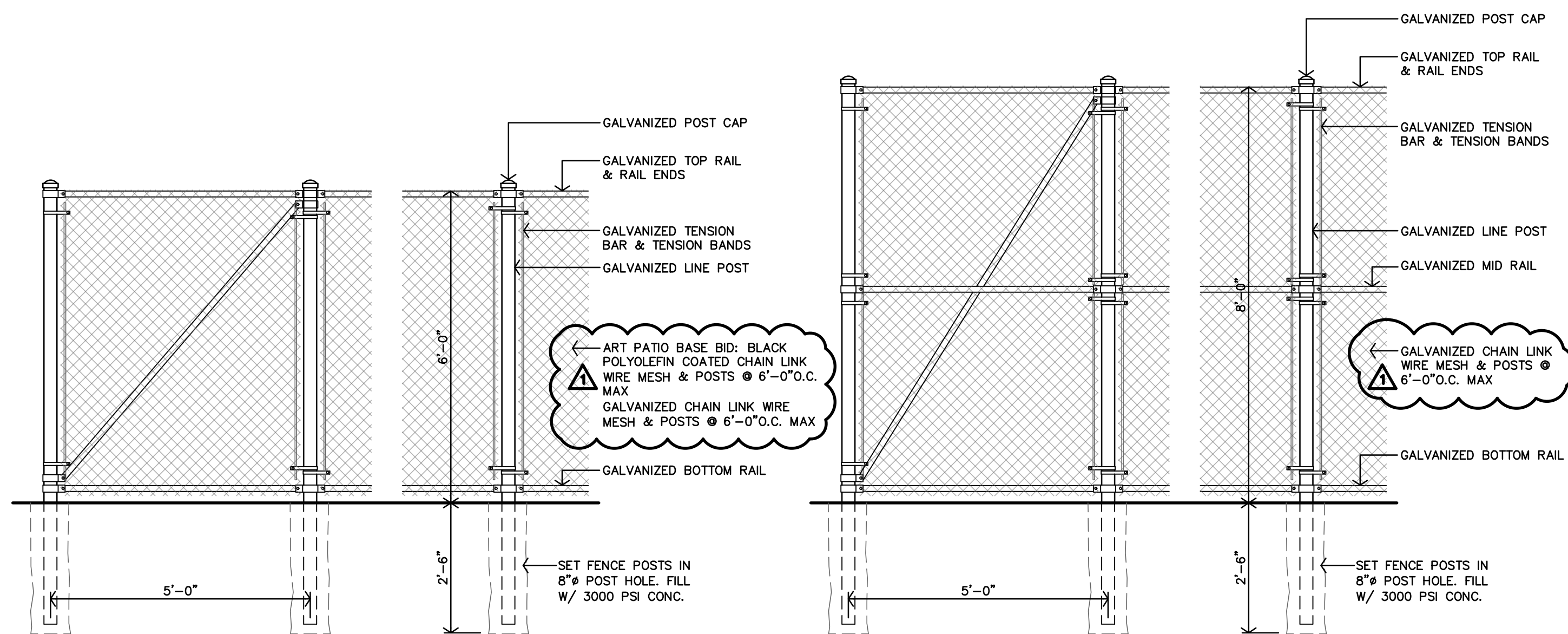
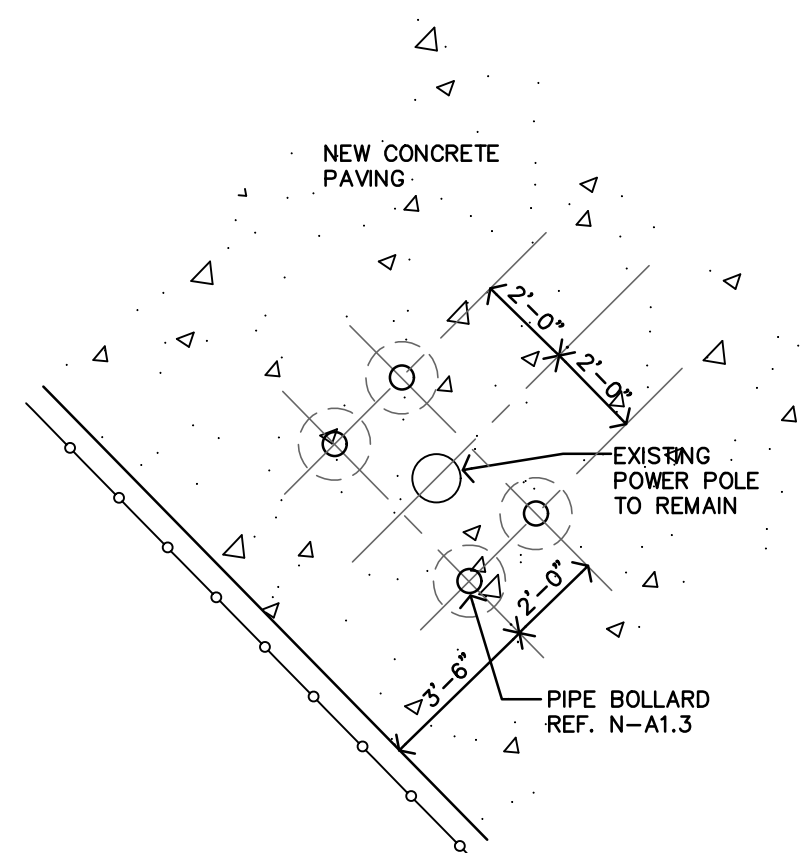


ALTERNATES
1- WEST PARKING LOT EXPANSION
2- METAL SIDING REPLACEMENT
3- SPRAY BOOTH
4- DECORATIVE SCREEN WALL
5- WINDOWS REPLACEMENT
6- SECURITY WINDOW & PANEL

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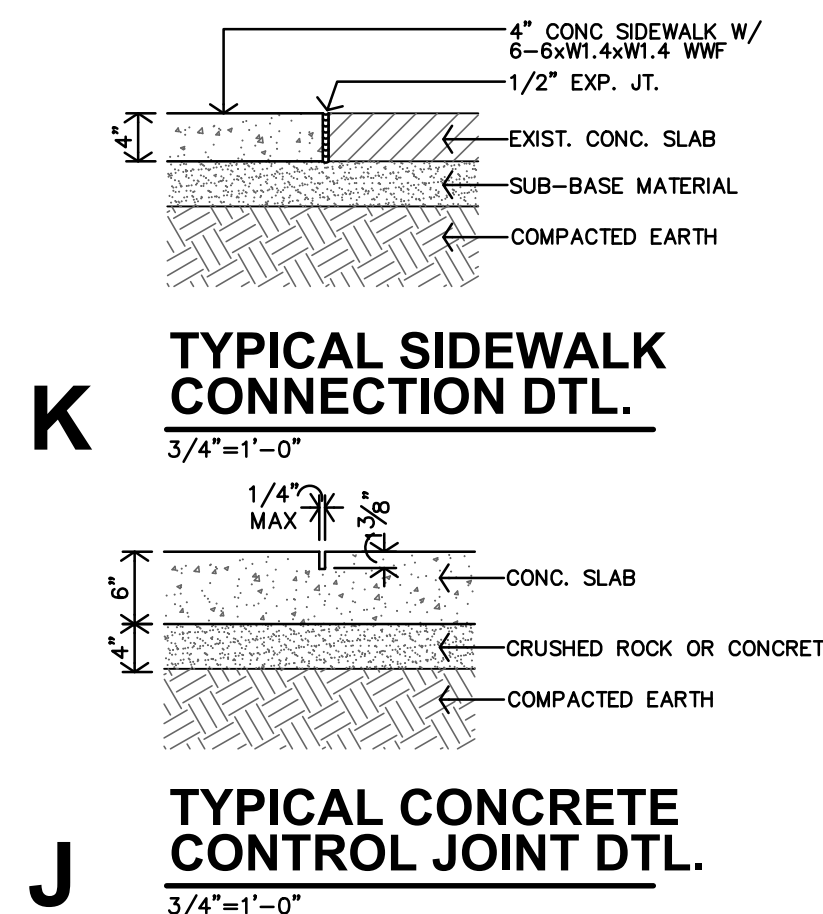


ALT #1 ENLARGED PLAN @ POWER POLE
1/4"=1'-0"

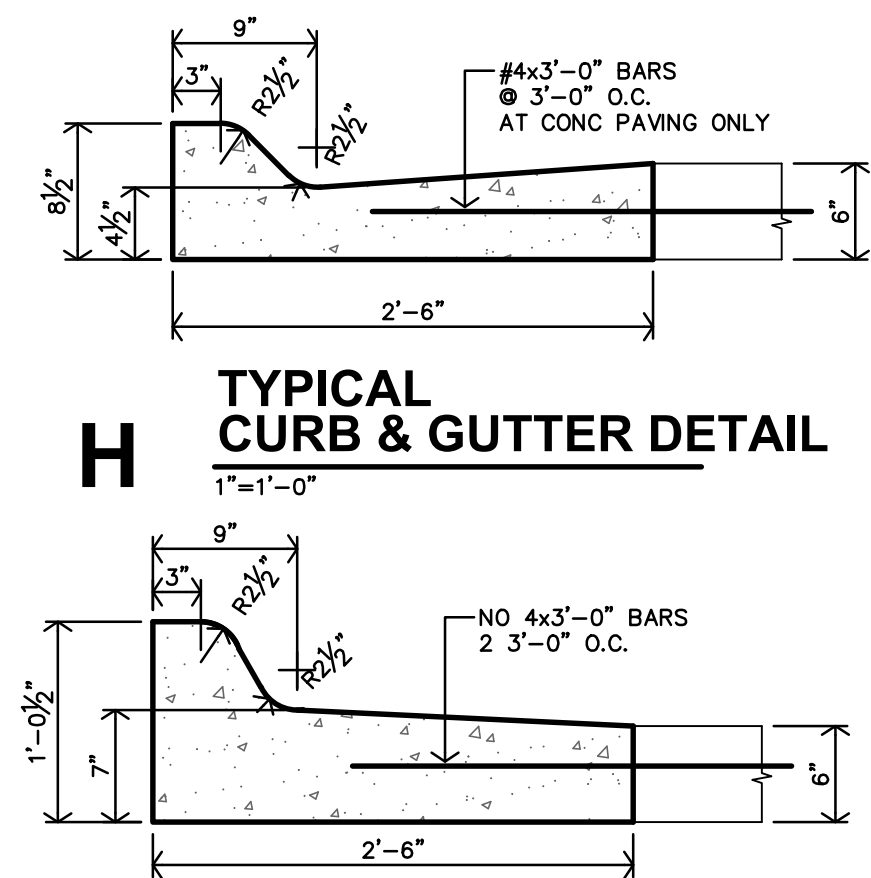


FENCE TYPE 1
CHAINLINK FENCE ELEVATION
1/2"=1'-0"

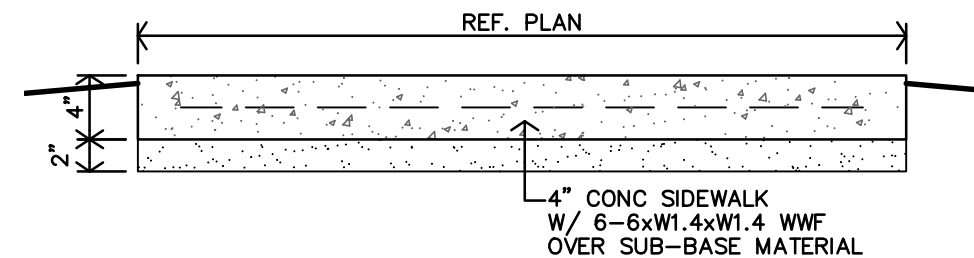
FENCE TYPE 2



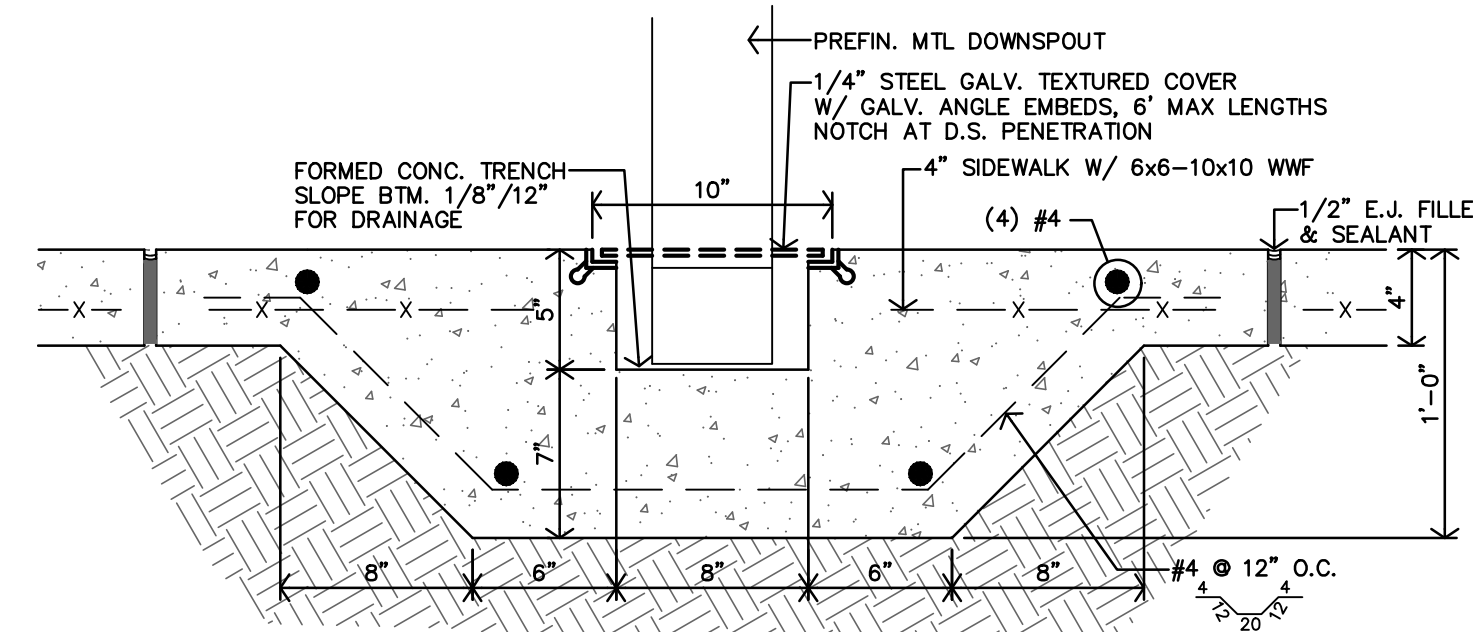
J TYPICAL CONCRETE CONTROL JOINT DTL.
3/4"=1'-0"



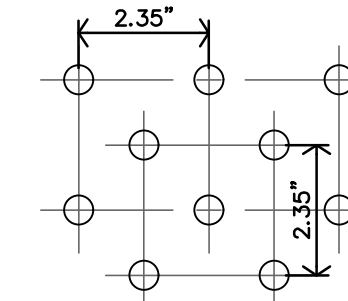
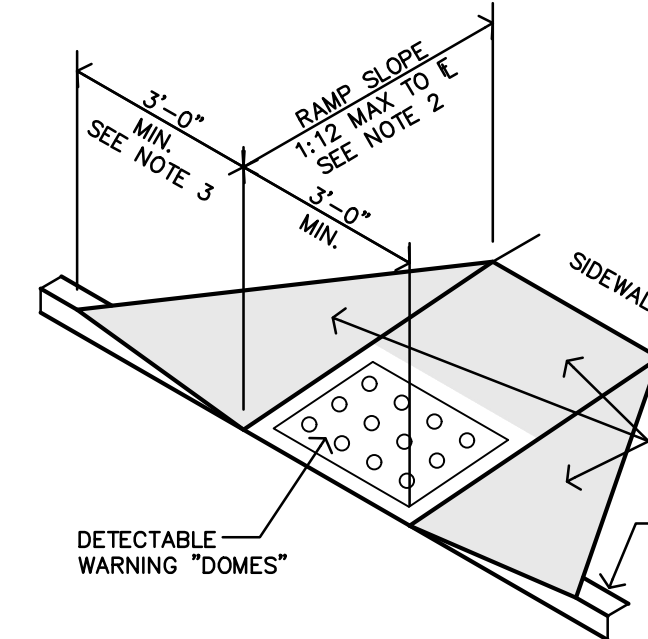
G TYPICAL DUMP CURB DETAIL
1"=1'-0"



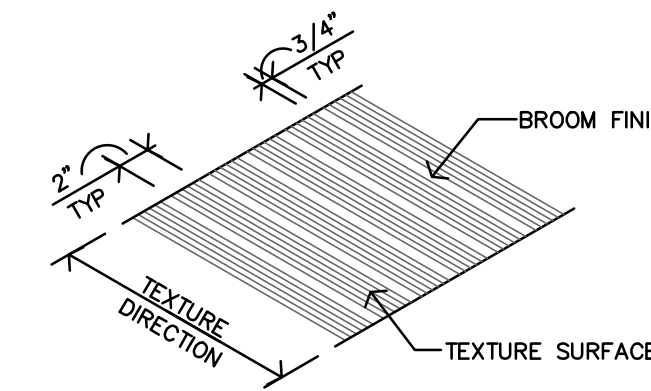
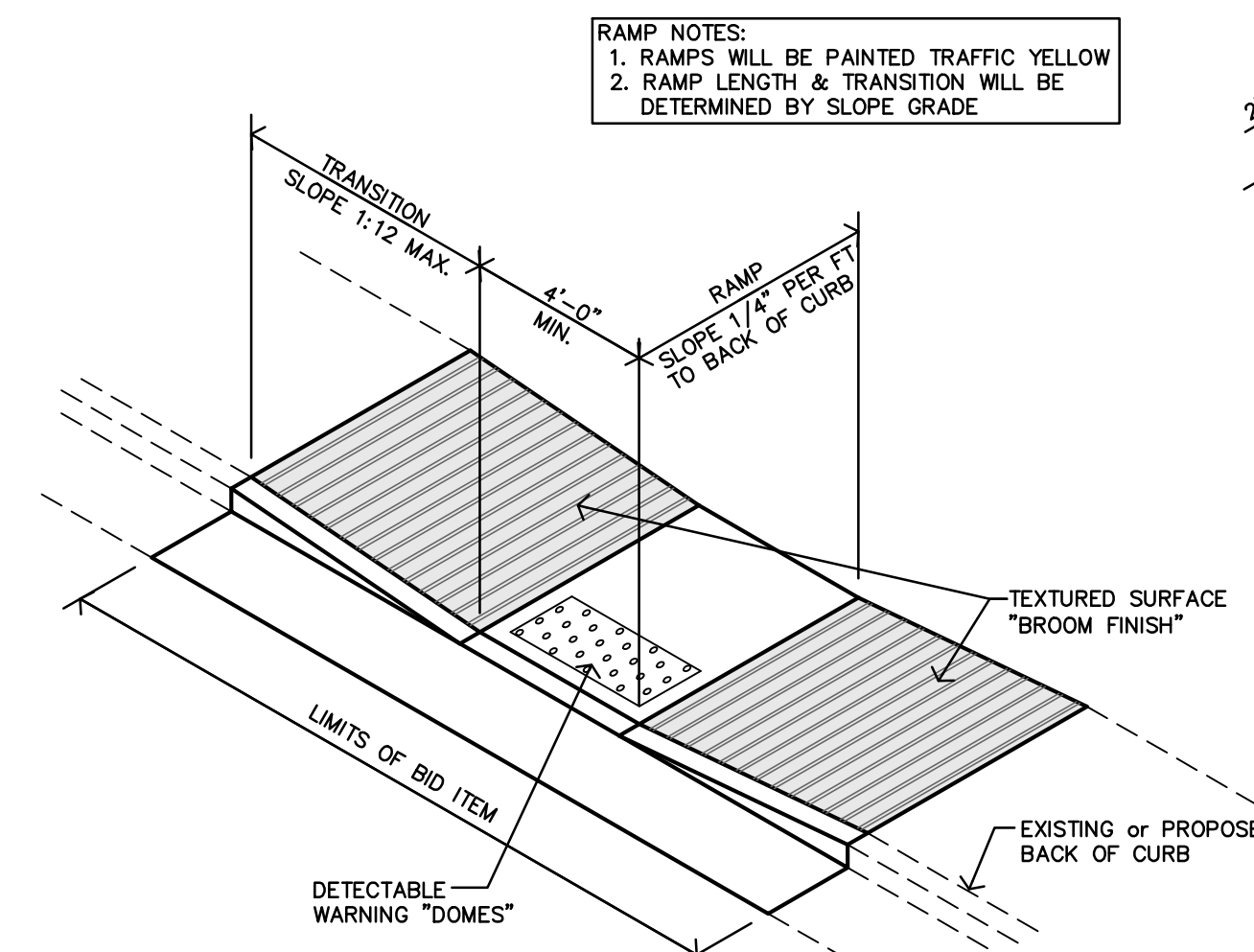
TYPICAL SIDEWALK DETAIL
1"=1'-0"



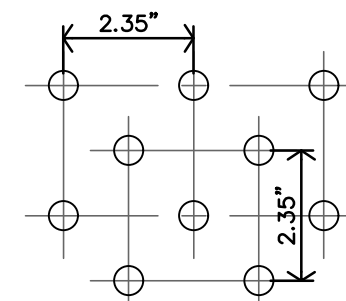
RAMP NOTES:
1. RAMP LENGTH WILL BE DETERMINED BY SLOPE GRADE
2. RAMP LENGTH WILL BE DETERMINED BY SLOPE GRADE
3. FLARE SIDES MAX. SLOPE 1:12



DOME SURFACE DETAIL
DOME DIMENSIONS



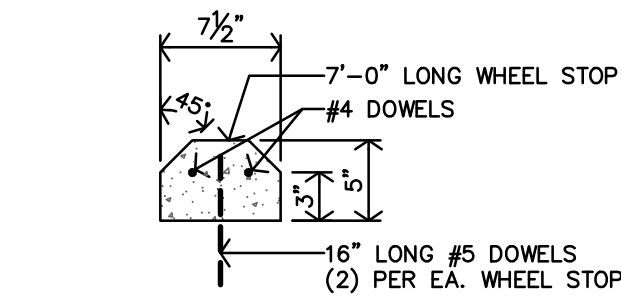
TEXTURED SURFACE DETAIL



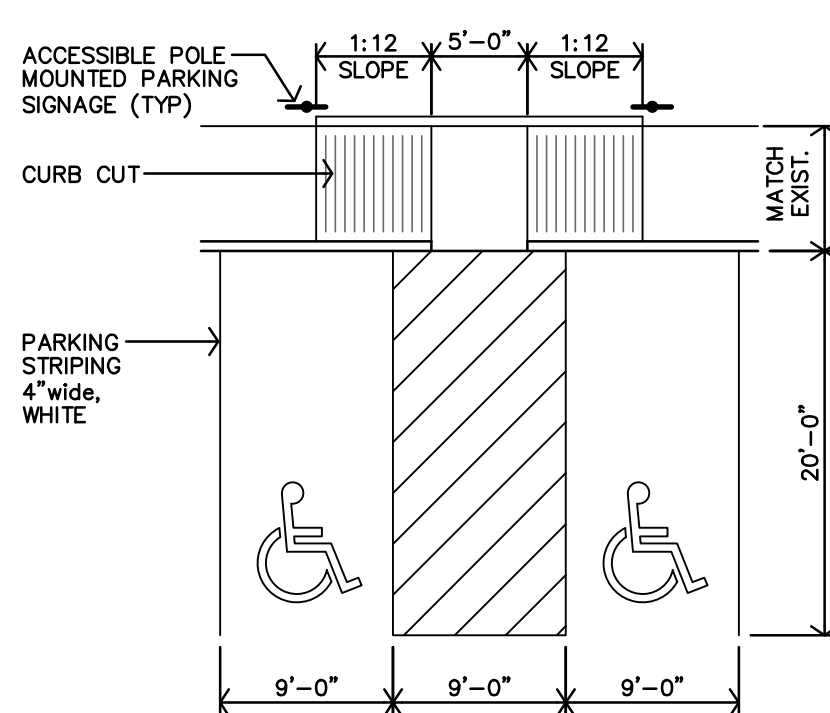
DOME SURFACE DETAIL

DOME DIMENSIONS

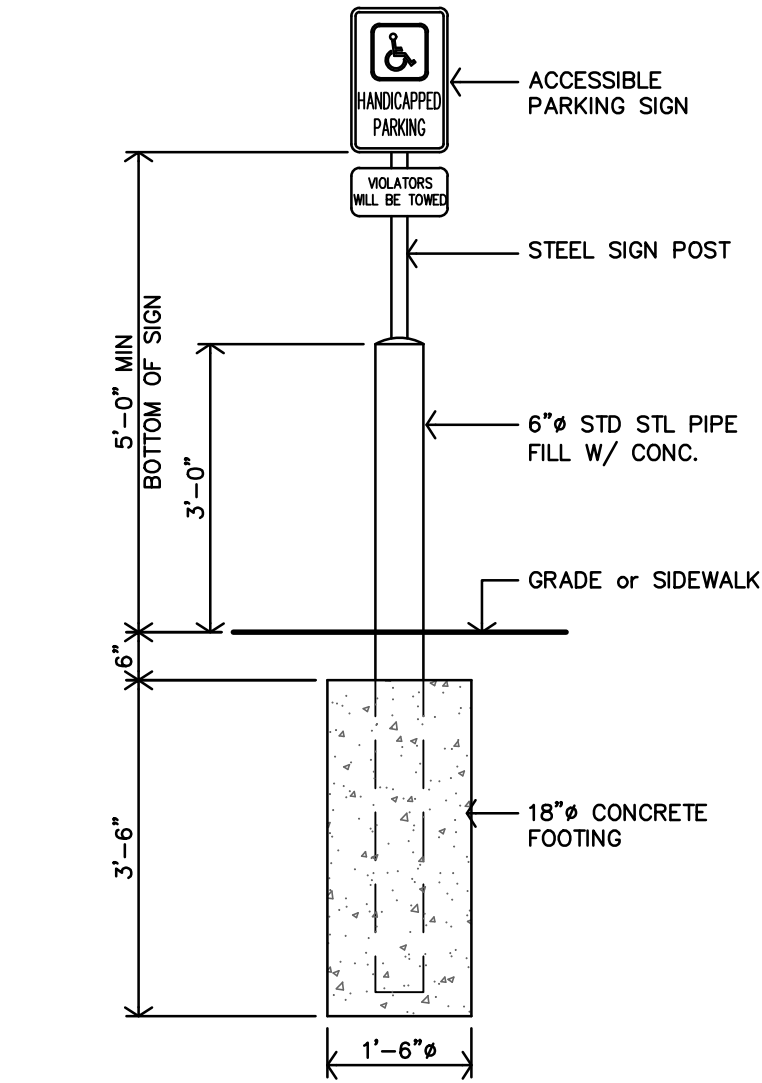
D HANDICAP RAMP DETAIL
1"=1'-0"



WHEEL STOP DETAIL
1"=1'-0"



TYPICAL ACCESSIBLE PARKING DETAIL
1"=1'-0"

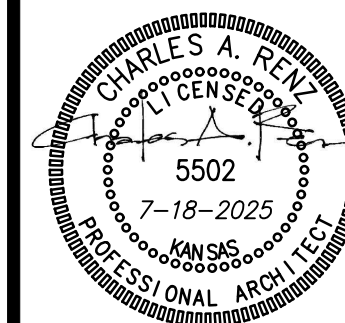


ACCESSIBLE PARKING BALLARD/SIGNAGE
1"=1'-0"

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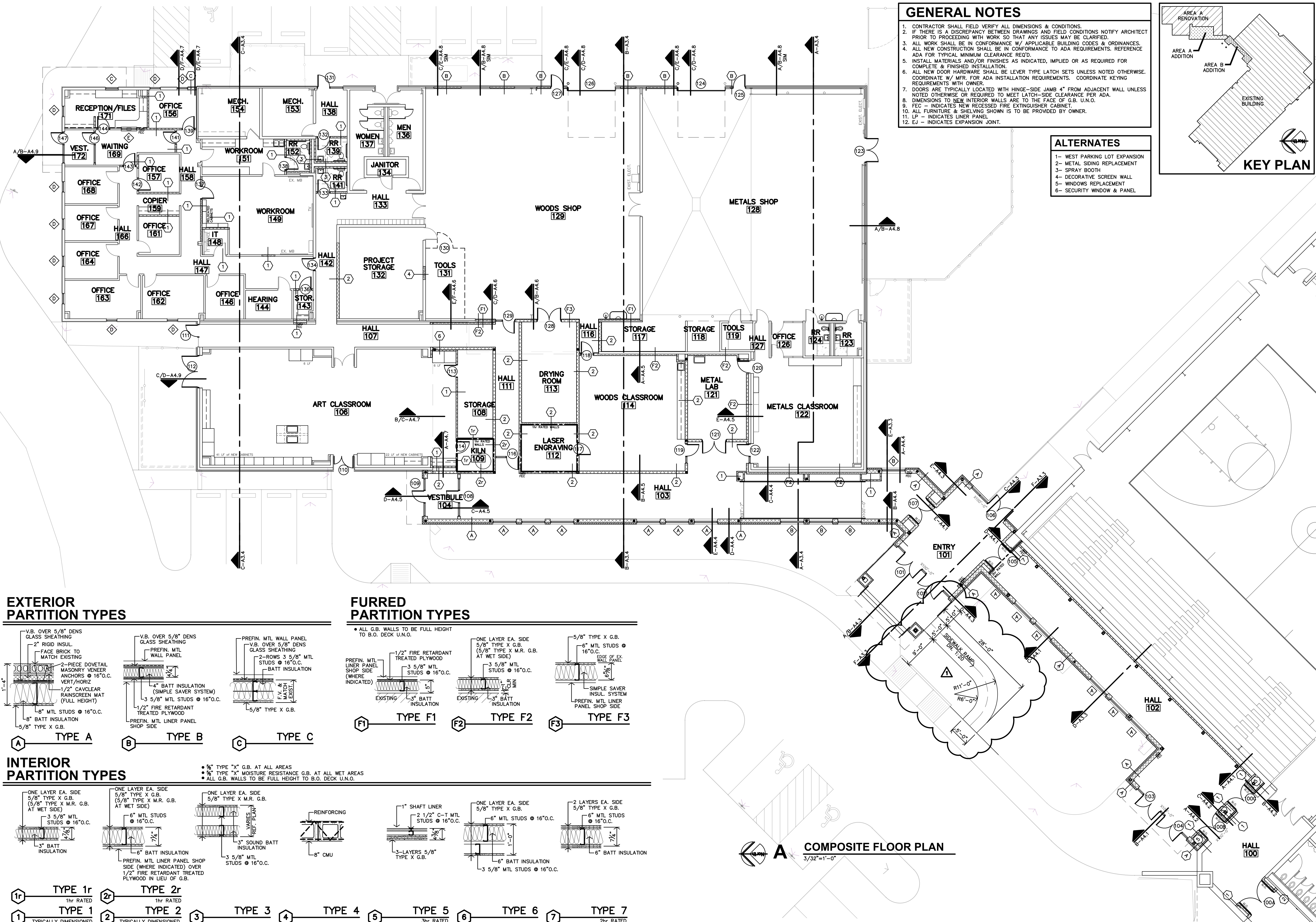
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ROSSVILLE, KANSAS



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A1.3

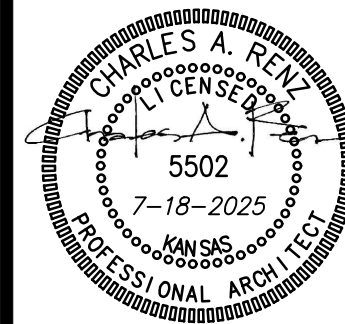
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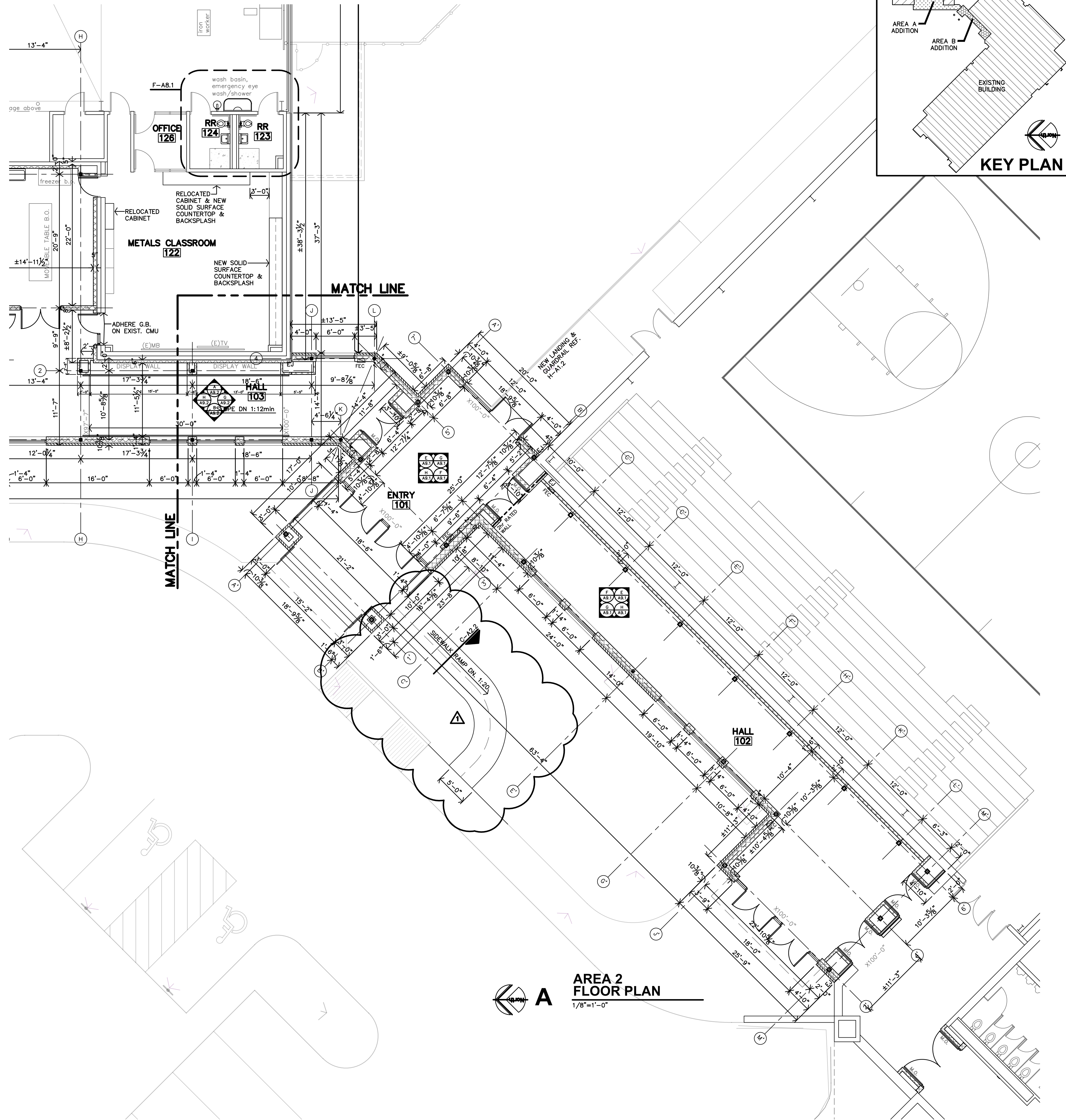
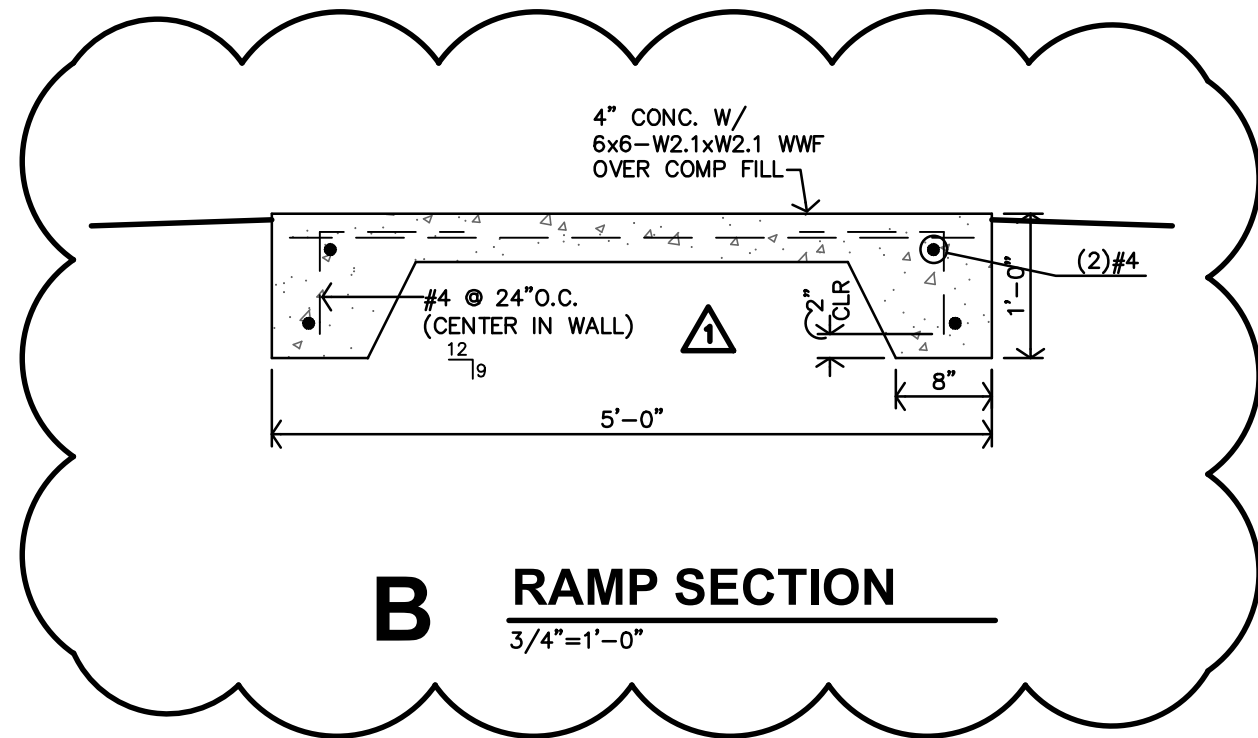
USD 321 - ROSSVILLE HIGH SCHOOL
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A2.0

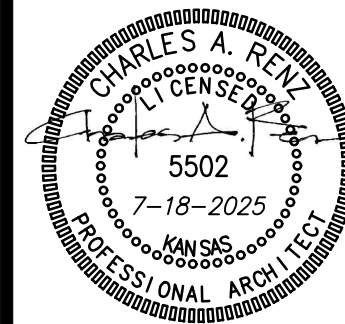
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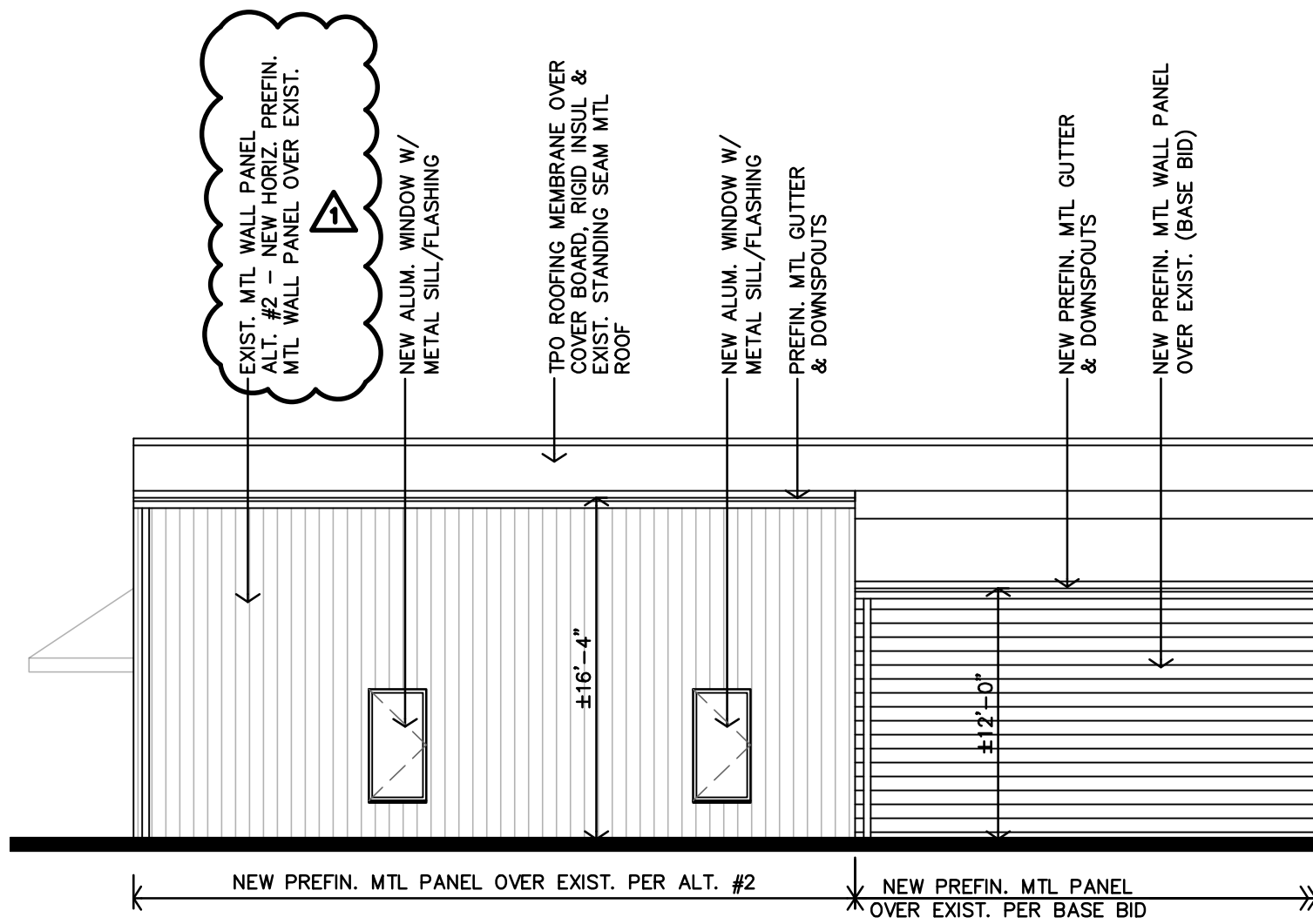


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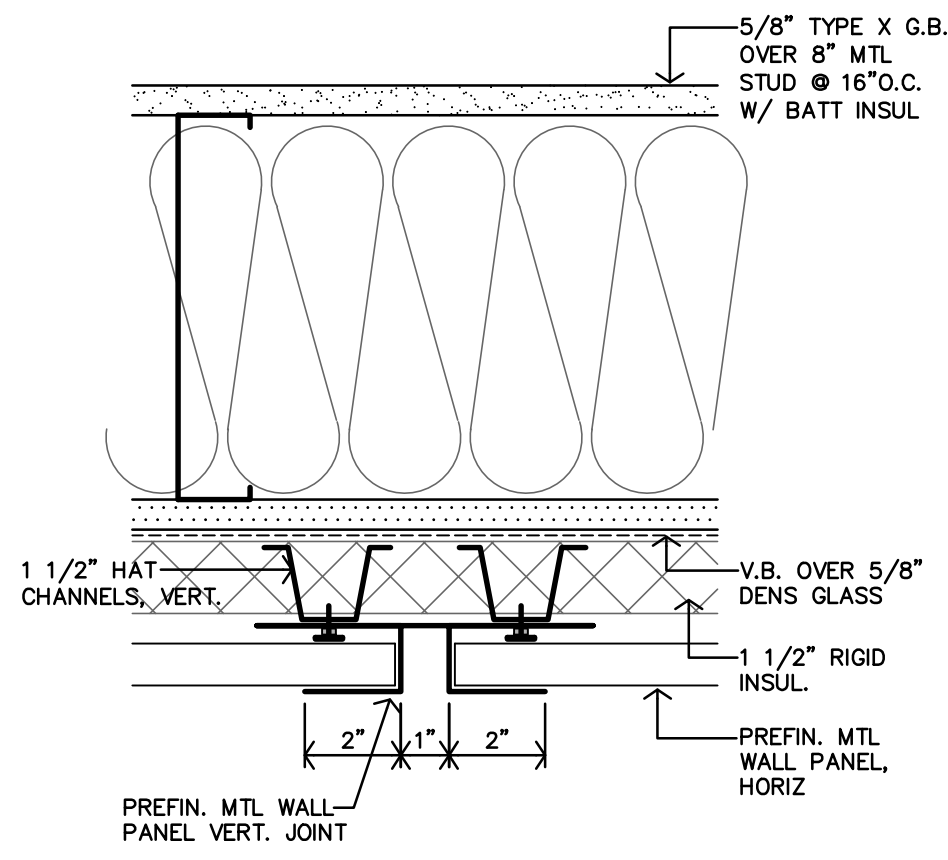
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SHEET NO.:

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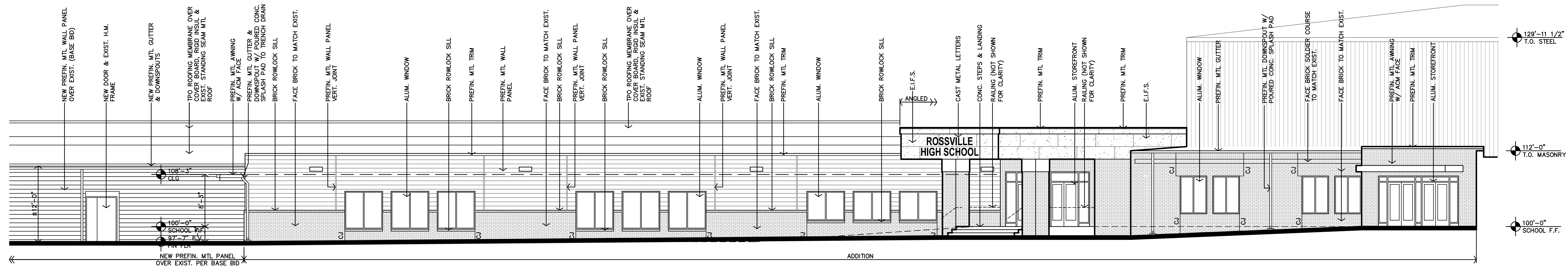
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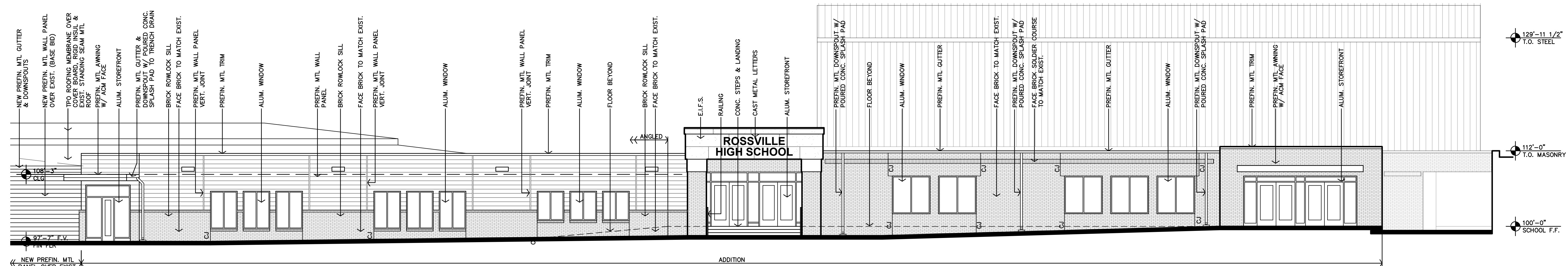
C ENLARGED PARTIAL WEST ELEVATION
1/8"=1'-0"



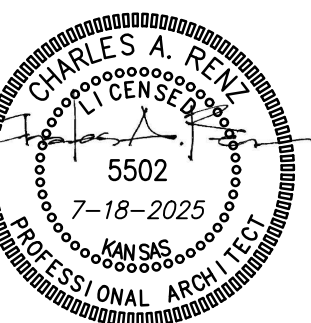
D WALL PANEL VERT. REVEAL JOINT
3"=1'-0"



B ENLARGED PARTIAL WEST ELEVATION
1/8"=1'-0"



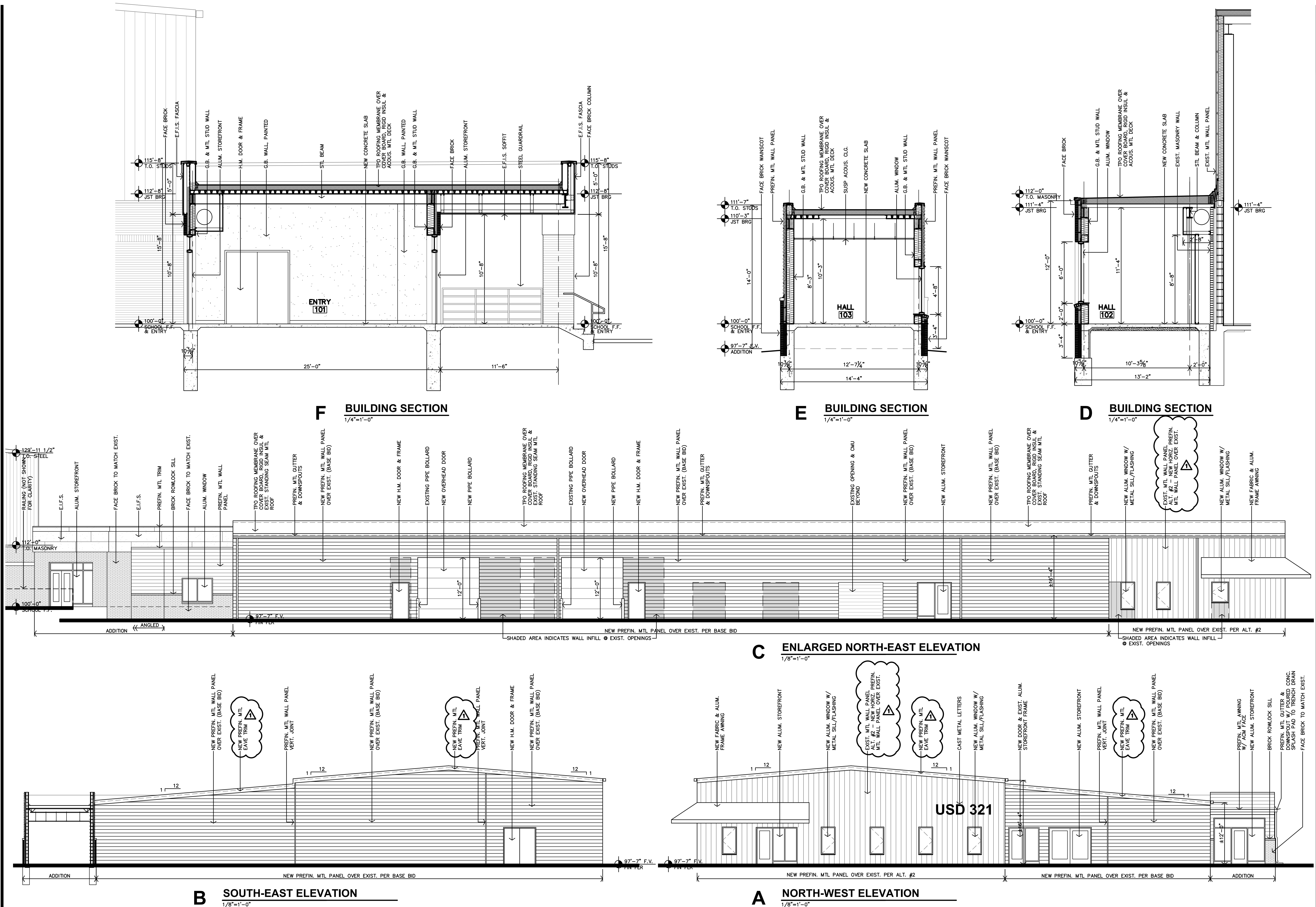
A ENLARGED WEST ELEVATION
1/8"=1'-0"



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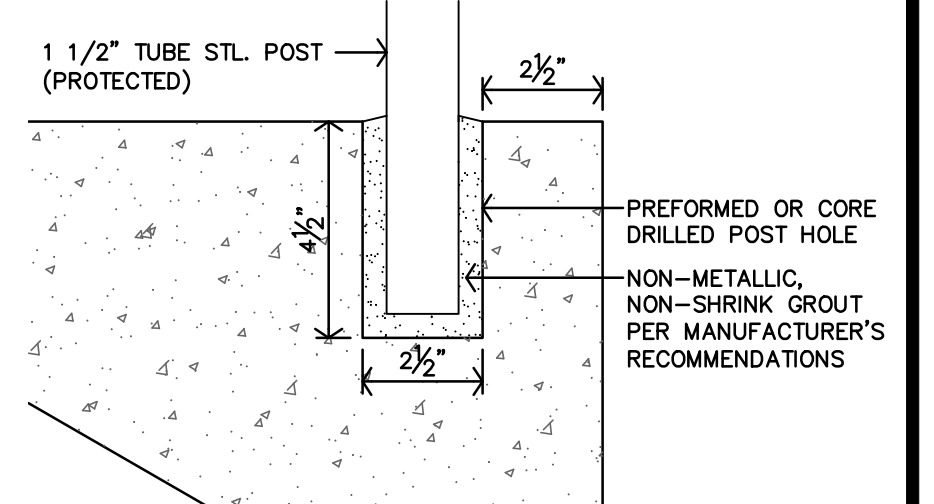


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6-A4.1
SIM

PREFIN. MTL CAP FLASHING

TREATED BLKG

115'-8" T.O. MASONRY

115'-8" T.O. MASONRY

TPO ROOFING MEMBRANE (UP WALL & UNDER CAP) 5/8" DENS GLASS SHEATHING OVER 6" MTL STUDS @ 16" O.C.

E.I.F.S. OVER 5/8" DENS GLASS & 3 5/8" MTL STUD @ 16" O.C. W/ BATT INSUL

112'-8" DK BRG

V.B. OVER 5/8" DENS GLASS

1 1/2" RIGID INSUL. & AIR GAP

110'-8" T.O. BRICK

FACE BRICK TO MATCH EXIST.

JOINT REINF. 16" O.C. VERT./HORIZ.

5/8" TYPE X G.B. OVER 8" MTL STUDS @ 16" O.C. W/ BATT INSUL

12'-8"

JOINT REINF. 16" O.C. VERT./HORIZ.

V.B. OVER 5/8" DENS GLASS

FACE BRICK TO MATCH EXIST.

1 1/2" RIGID INSUL. & AIR GAP

MORTAR NET & WEEP VENT

WEEP & FLASHING

100'-0" SCHOOL F.F. & ENTRY

FILL SOLID W/ CROUT BELOW FLOOR

97'-7" F.V. ADDITION

CONC. FOOTING REF. STRUCT.

CONC. SLAB REF. STRUCT.

GRANULAR BASE REF. STRUCT DWGS

15 MIL VAPOR BARRIER, TAPE & SEAL ALL JOINTS, NO GAPS OR BULGES

2" RIGID INSUL (24min)

J-A4.4

H-A4.3

SUSP ACOUS. CLG.

STL BEAM REF. STRUCT.

FILL VOIDS W/ BATT INSUL

CONT. CANT.

TPO ROOFING MEMBRANE OVER COVER BOARD, 6" MIN RIGID INSUL, 1/2" DECKING, MTL DECK & BAR JOISTS REF. STRUCT.

min
NG
CT.

TPO ROOFING MEMBRANE
OVER COVER BOARD, 6" min
RIGID INSUL., 1/2" DECKING
& MTL DECK REF. STRUCT.

FILL VOIDS W/
BATT INSUL.

STL. BEAM
REF. STRUCT.

SUSP. ACOUS.
CLG.

5/8" TYPE X G.B.
OVER 8" MTL STUDS
@ 16" O.C. W/ BATT
INSUL.

1/2" RIGID
INSUL.

Y.B. OVER 5/8"
DENS GLASS

PREFIN. MTL
5/8" DENS
& 3 5/8"

FACE BRICK TO
MATCH EXIST.

JOINT REINF. 16" O.C.
VERT./HORIZ.

PREFIN. MTL
THRU-WALL
FLASHING

STEEL LUNTEL
REF. STRUCT.
F-A10.2

ALUM. STOREFRONT
FRAME & DOOR W/
INSUL. GLASS
F-A10.2

10 3/8"

10"

PREFIN. MTL
RAIL, PAINTED
F-A10.2

3'-0"

CONC. SLAB
REF. STRUCT.

CONC. SLAB
REF. STRUCT.
SLOPE
1:50

1/2" EXP. JT.

2" VOID FOAM

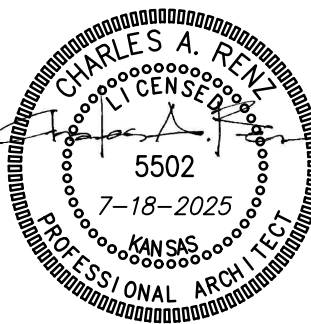
GRANULAR BASE
REF. STRUCT DWGS

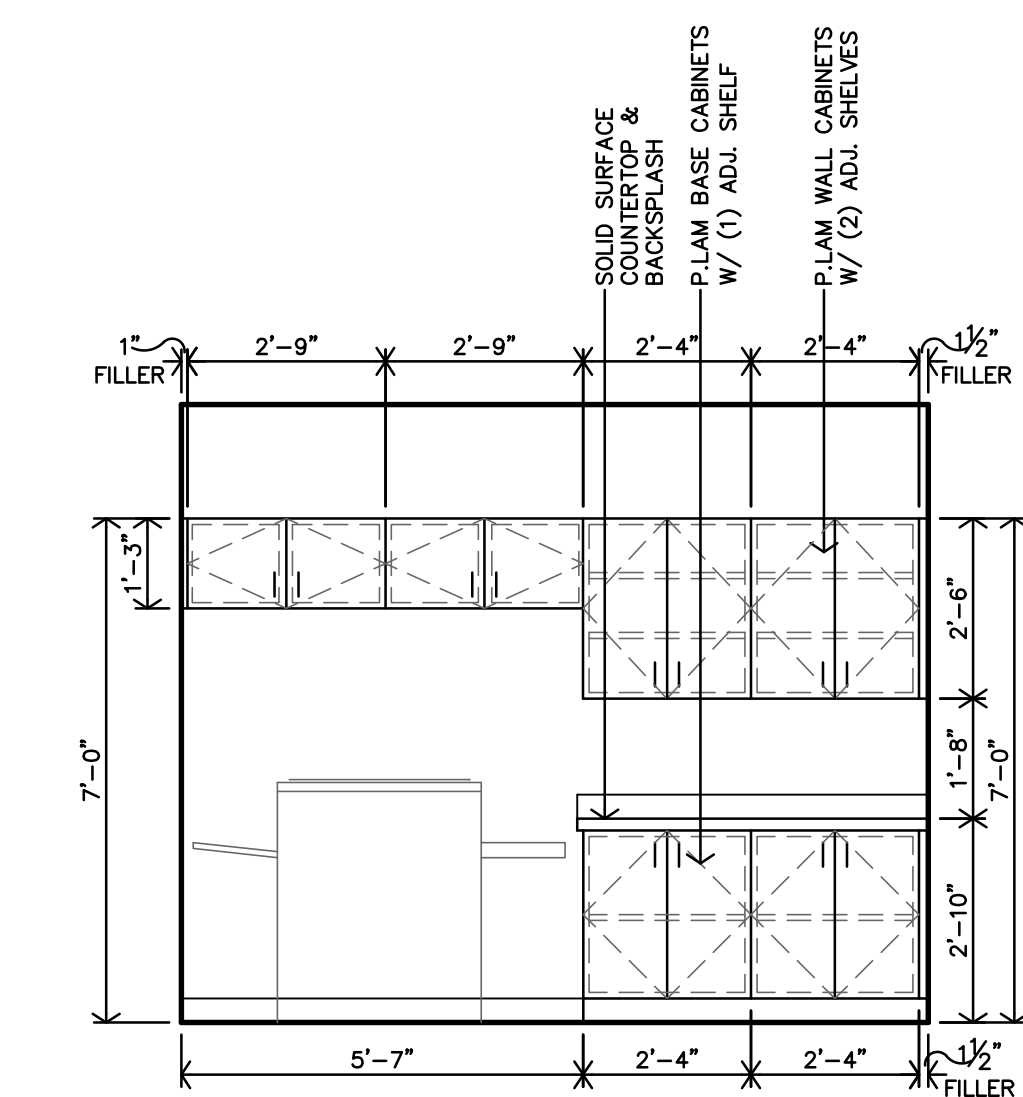
15 MIL VAPOR BARRIER
TAPE & SEAL ALL JOINTS,
NO GAPS OR BULGES

2" RIGID INSUL (24min)

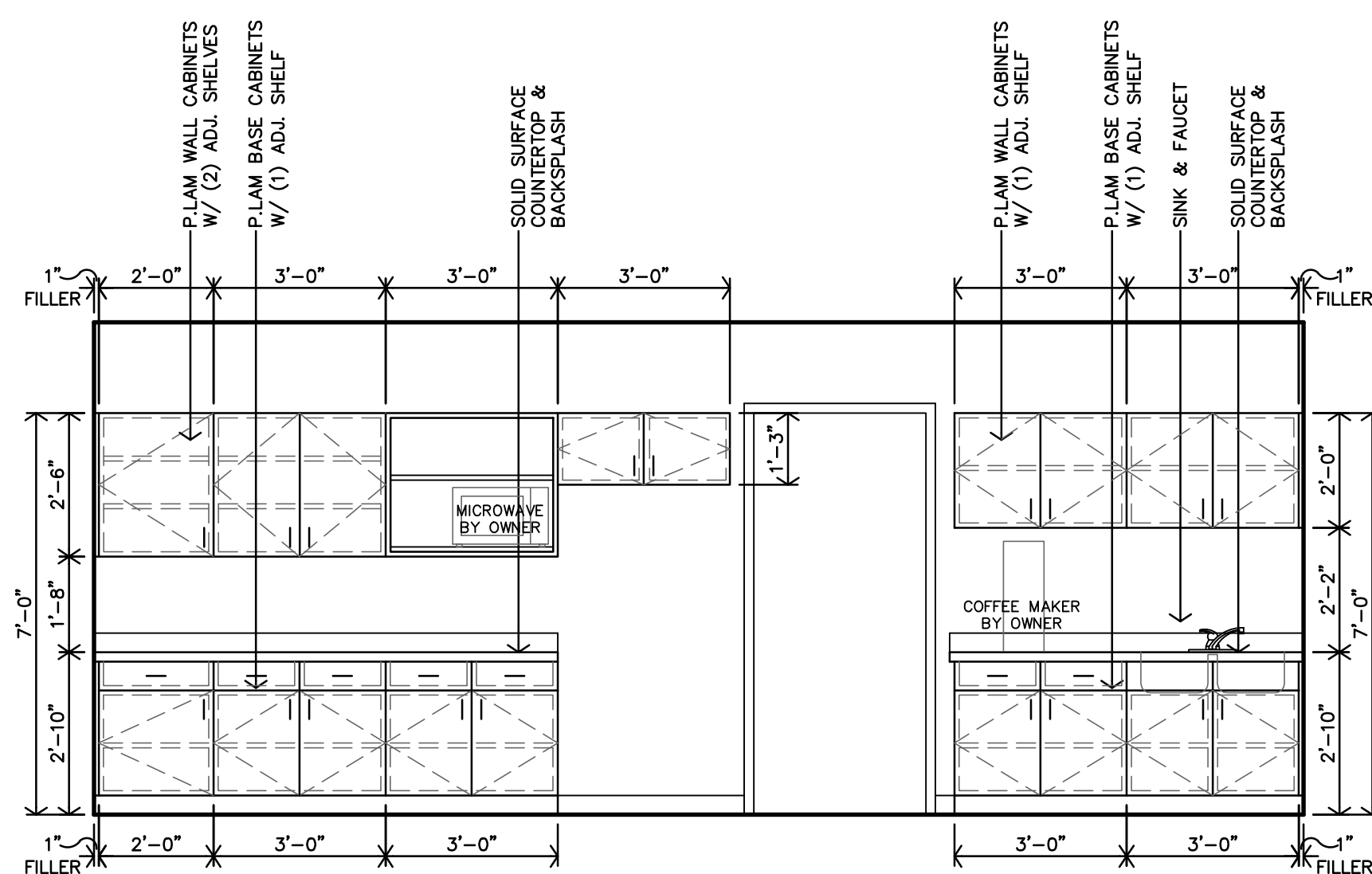
CONC. FOOTING
REF. STRUCT.

A **ENTRY #101**
WALL SECTION
3/4"=1'-0"

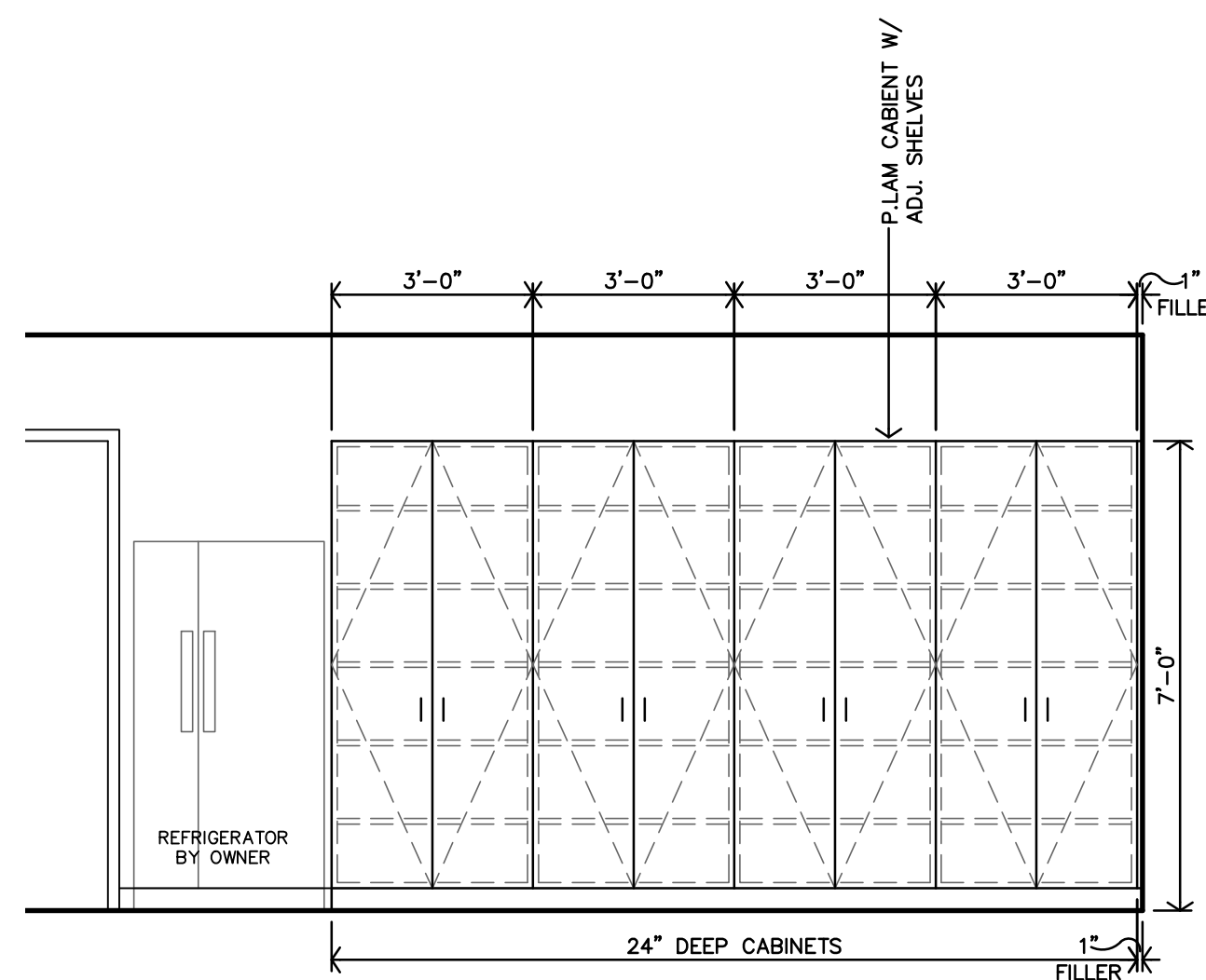




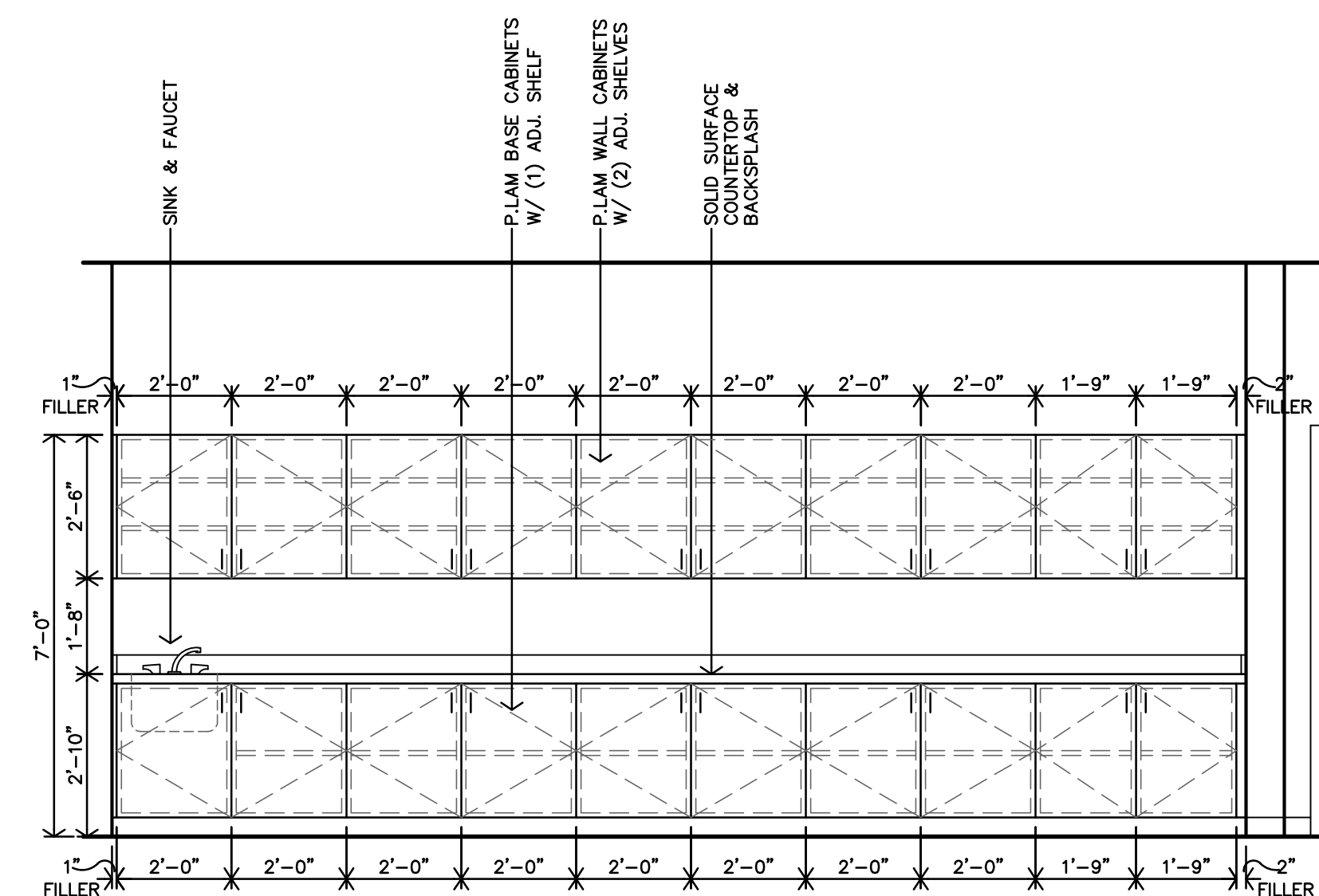
M **COPIER #159**
INTERIOR ELEVATION
3/8"=1'-0"



L **WORKROOM #151**
INTERIOR ELEVATION
3/8"=1'-0"

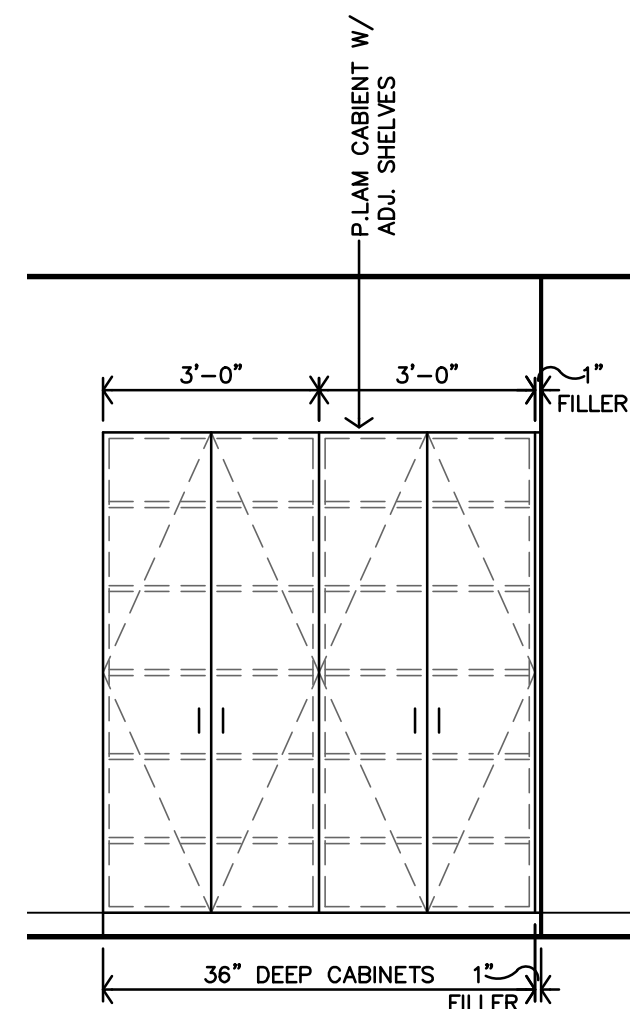


K **WORKROOM #151**
INTERIOR ELEVATION
3/8"=1'-0"

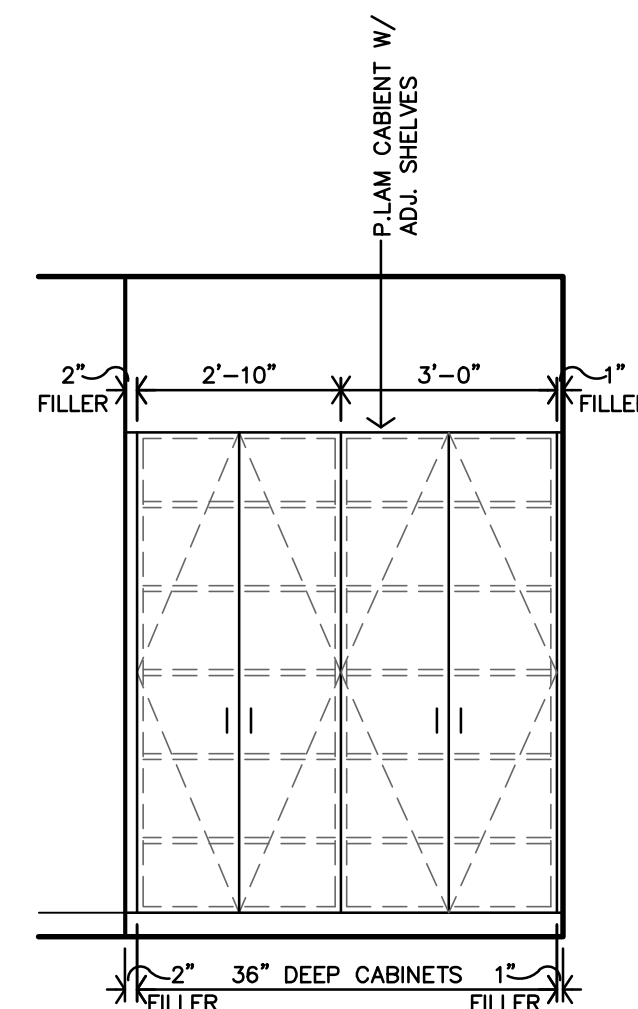


H **WOODS CLASSROOM #114**
INTERIOR ELEVATION
3/8"=1'-0"

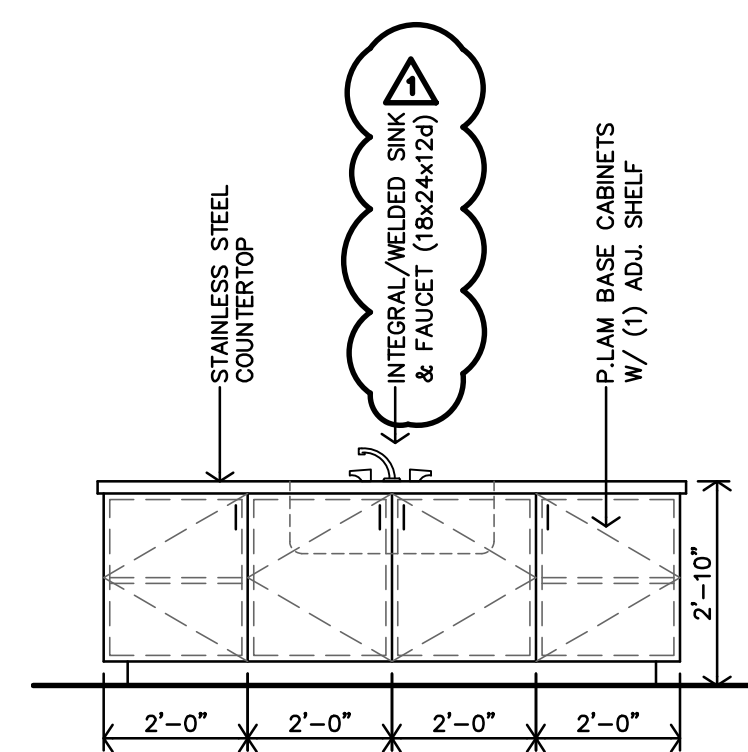
J **NOTE USED**



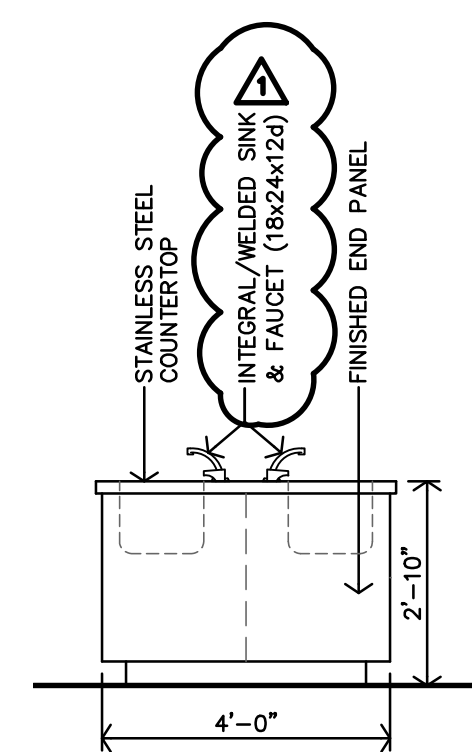
G **ART CLASSROOM #106**
CASEWORK ELEVATION
3/8"=1'-0"



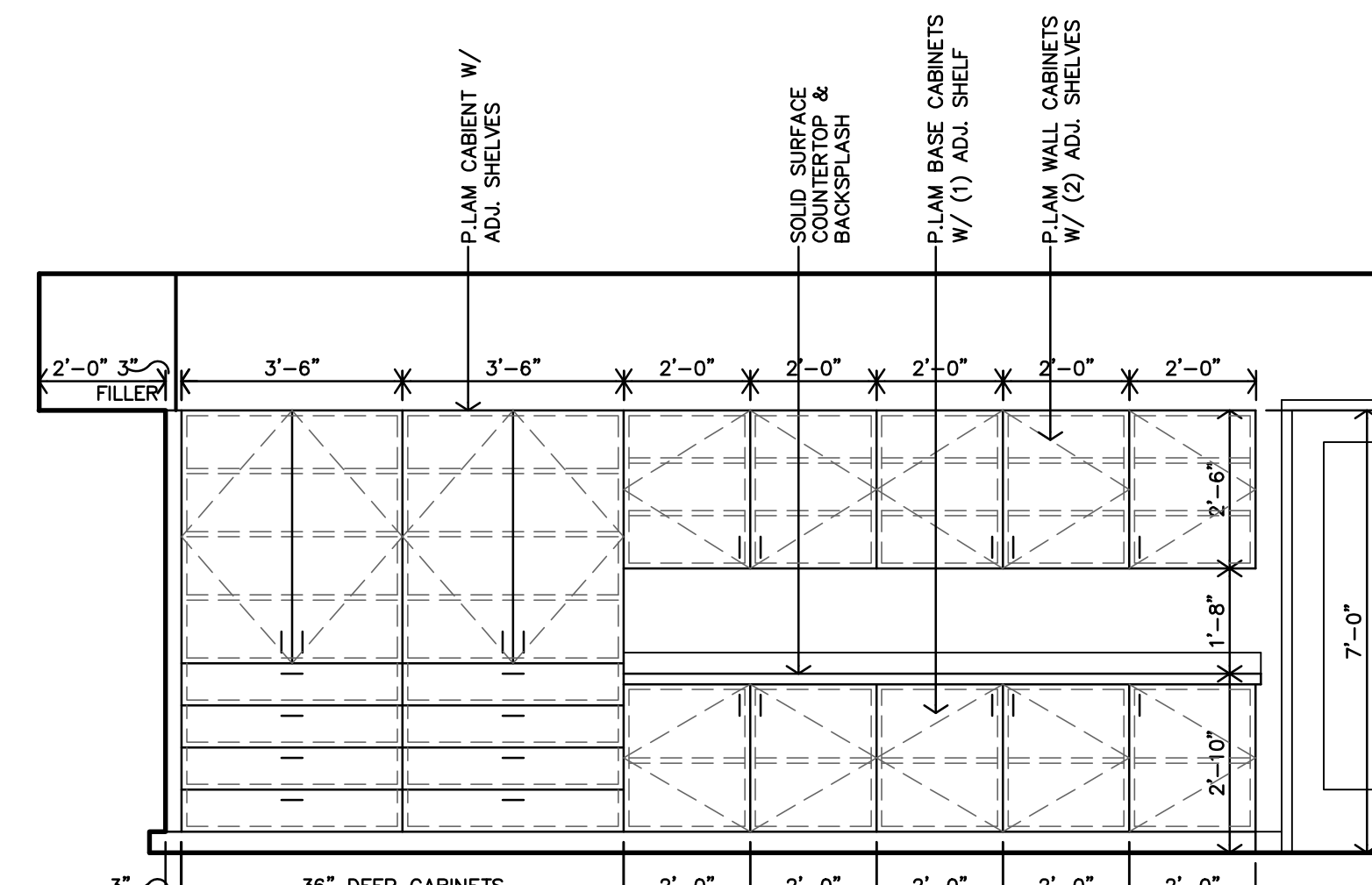
F **ART CLASSROOM #106**
CASEWORK ELEVATION
3/8"=1'-0"



E **ART CLASSROOM #106**
CASEWORK ELEVATION
3/8"=1'-0"



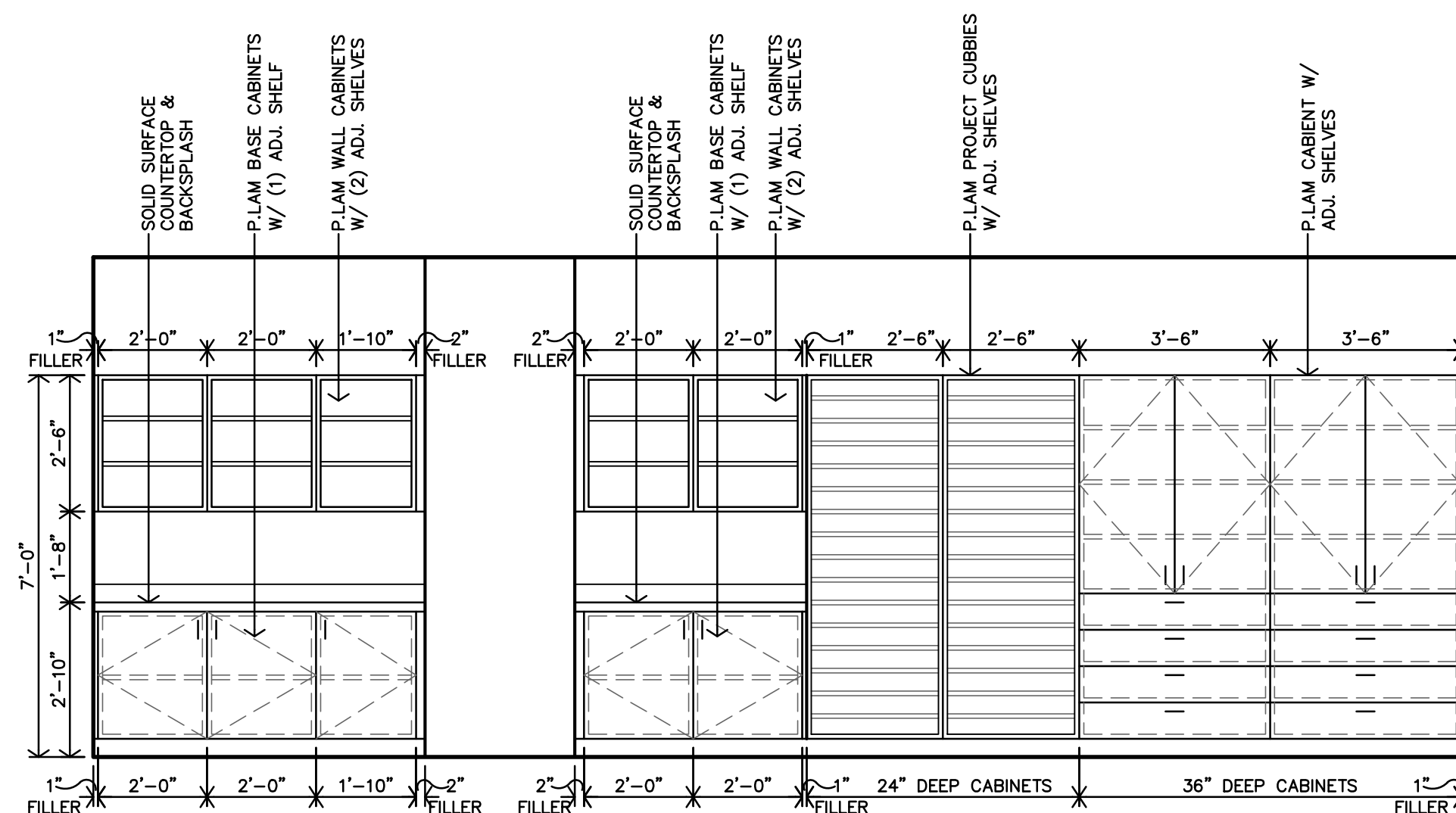
D **ART CLASSROOM #106**
CASEWORK ELEVATION
3/8"=1'-0"



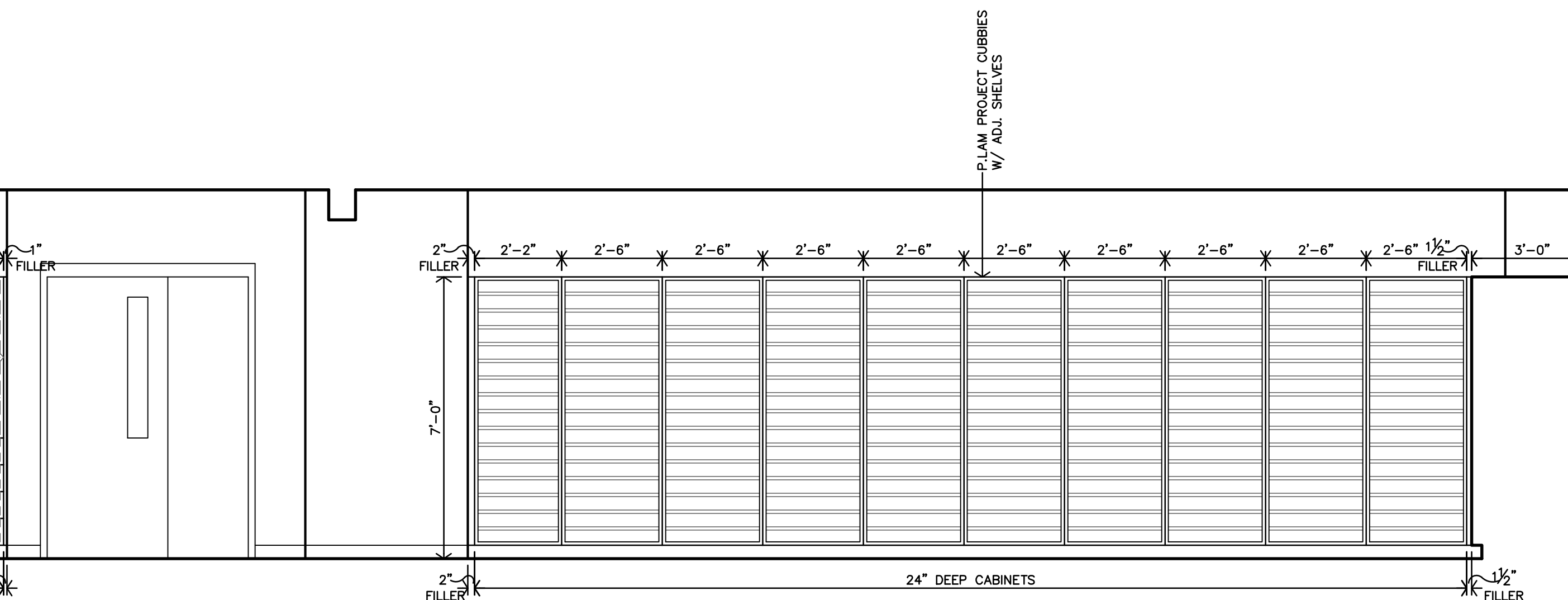
C **ART CLASSROOM #106**
CASEWORK ELEVATION
3/8"=1'-0"

CASEWORK NOTES

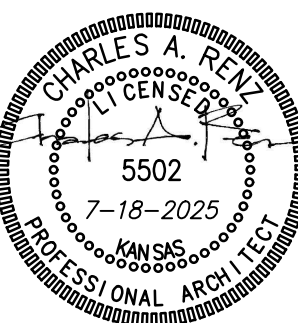
1. SOLID SURFACE COUNTERTOPS & BACKSPLASHES W/ EASED EDGES, U.N.O.
2. 3MM PVC EDGE BAND AT ALL EXPOSED EDGES OF DOORS & DRAWERS.
3. ENTIRE CABINET DOOR (INTERIOR & EXTERIOR) TO BE PLASTIC LAMINATE.
4. COUNTERTOPS & BACKSPLASHES TO BE P-LAM W/ EASED EDGES.
5. PROVIDE ALL NECESSARY FILLERS OF MATCHING MATERIALS. INSTALL CONTINUOUS FINISH FLOORING BASE @ CASEWORK TOE/KICK.
6. ALL ADJUSTABLE SHELVING SHALL BE 3/4" THICK MATERIAL.
7. EXPOSED ADJUSTABLE SHELVING SHALL HAVE FULL THICKNESS PLASTIC LAMINATE AT ALL FOUR EDGES. TAPE IS NOT ACCEPTABLE.
8. ALL UPPER CABINETS SHALL HAVE (2) ADJUSTABLE SHELVES PER EACH CABINET, U.N.O.
9. ALL BASE CABINETS SHALL HAVE (1) ADJUSTABLE SHELF PER EACH CABINET, U.N.O.
10. REFERENCE ELEVATIONS FOR NUMBER OF ADJUSTABLE SHELVES AT LOWER CABINET UNITS.
11. MULTIPLE LAMINATES (PREMIUM FINISHES) WILL BE SELECTED BY ARCHITECT.
12. CABINETS TO BE FLUSH OVERLAY, U.N.O.
13. PROVIDE BLOCKING BEHIND WALL FOR SUPPORT OF CABINETRY.
14. PROVIDE & INSTALL ANGLE SUPPORT BRACKETS WHERE COUNTERTOP SPAN EXCEEDS 36"inch WIDTH.



B **ART CLASSROOM #106**
CASEWORK ELEVATION
3/8"=1'-0"



A **ART CLASSROOM #106**
CASEWORK ELEVATION
3/8"=1'-0"



REVISION:
ADD# 8-15-2025

DATE: 7-18-2025
JOB: 22-3269
SHEET NO.:

A9.4

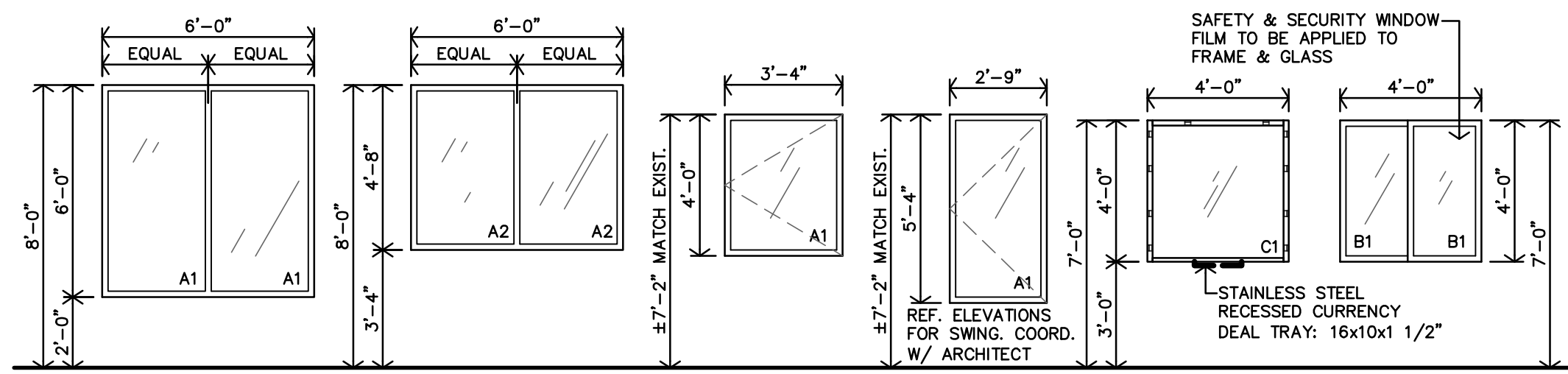
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USD 321 - ROSSVILLE HIGH SCHOOL
ADDITION & CTE RENOVATION
ROSSVILLE, KANSAS

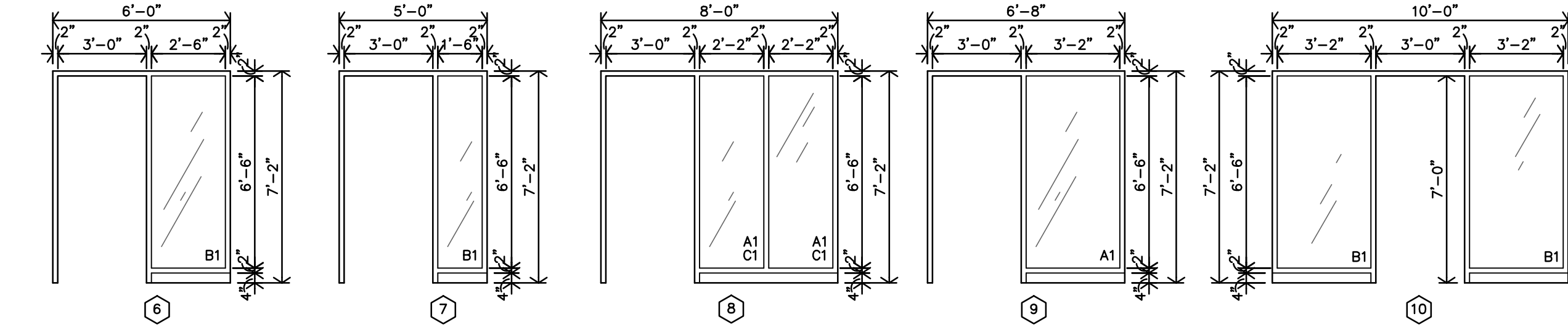
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GLAZING SCHEDULE											
MARK	INTERIOR	EXTERIOR	THICKNESS				TYPE				
			1" INSULATED	1/4"	5/16"	1 3/4"	TINTED	TEMPERED	FIRE RATED (90MIN)	BALLISTIC RESISTANT	ACRYLIC
A1	●	●					●	●			
A2	●	●									
B1	●			●				●			
B2	●				●				●		
C1	●					●				●	



C WINDOW TYPES



B DOOR FRAME TYPES

PUBLIC DOOR SCHEDULE																
MARK	DOOR										FRAME			RATING	DETAILS	REMARKS
	SIZE			MATERIAL	TYPE	FINISH	MATERIAL	TYPE	FINISH							
	W	H	T	ALUMINUM HOLLOW METAL	C S. WOOD	TYPE OVERHEAD DOOR	REFINISHED PAINT	STAINED	ALUMINUM HOLLOW METAL	WOOD	TYPE	REFINISHED PAINT	STAINED			
100A	PR4'-0"	8'-0"	1 3/4"	●	C	●	●	●	●	1	●	●	60MIN	B-A10.2	SPRING HOLD OPEN	
100B	PR3'-0"	7'-0"	1 3/4"	●	C	●	●	●	●	1	●	●	90MIN	C-A10.2	MAGNETIC HOLD OPEN	
100C	PR3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●	90MIN	C-A10.2	MAGNETIC HOLD OPEN	
101	PR3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	3	●	●		E/F-A10.2		
102	PR3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	3	●	●		E/F-A10.2	D.	
103	PR3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	5	●	●		E/F-A10.2	D.	
104	PR3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	5	●	●		E/F-A10.2		
105	PR3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●	90MIN	F/G-A10.2	MAGNETIC HOLD OPEN	
106	PR3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	4	●	●		E/F-A10.2		
107	PR3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		B-A10.2	SPRING HOLD OPEN	
108	3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	10	●	●		F/G-A10.2		
109	3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	10	●	●		F/P-A10.2	D.	
110	3'-0" & 2'-0"	7'-0"	1 3/4"	●	B	●	●	●	EXISTING FRAME							
111	3'-0"	7'-0"	1 3/4"	●	A	●	●	●	EXISTING FRAME							
112	PR4'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		H-A10.2		
113	3'-0"	7'-0"	1 3/4"	●	C	●	●	●	●	1	●	●		A-A10.2		
114	3'-0"	7'-0"	1 3/4"	●	C	●	●	●	●	1	●	●	60MIN	A-A10.2		
116	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	6	●	●		F/O-A10.2		
117	3'-0"	7'-0"	1 3/4"	●	C	●	●	●	●	1	●	●	60MIN	B-A10.2		
118	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		B-A10.2		
119	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	7	●	●		B/J-A10.2		
120	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	EXISTING FRAME							
121	PR3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		B-A10.2		
122	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	7	●	●		J/K-A10.2		
123	PR3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		L-A10.2		
124	12'-0"	12'-0"			D									D-A4.8	C.	
125	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		L-A10.2 sim		
126	12'-0"	12'-0"			D									D-A4.8	C.	
127	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		L-A10.2 sim		
128	PR3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		B-A10.2		
129	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	7	●	●		B-A10.2		
130	4'-0"	7'-0"						CHAINLINK GATE								
131	3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	9	●	●		M-A10.2		
132	3'-0"	7'-0"	1 3/4"	●	C	●	●	●	●	1	●	●		A-A10.2		
133	3'-0"	7'-0"	1 3/4"	●	C	●	●	●	●	1	●	●		A-A10.2		
134	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		D-A10.2		
136	3'-0"	7'-0"	1 3/4"	●	C	●	●	●	●	1	●	●		A-A10.2		
137	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		A-A10.2		
138	3'-0"	7'-0"	1 3/4"	●	C	●	●	●	●	1	●	●		A-A10.2		
139	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		A-A10.2		
141	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		A-A10.2	B.	
142	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		A-A10.2		
143	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		A-A10.2	B.	
144	3'-0"	7'-0"	1 3/4"	●	B	●	●	●	●	1	●	●		D-A10.2		
146	3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	8	●	●		F/O-A10.2	A., B., D.	
147	3'-0"	7'-0"	1 3/4"	●	A	●	●	●	●	8	●	●		F/N-A10.2	A., D.	
GENERAL NOTES:																
1. ALL EXPOSED UNITS TO BE PAINTED AT INTERIOR AND EXTERIOR.																
2. CONTRACTOR MUST INSTALL MIL FLASHINGS & CONT. CAULK FOR A WEATHERIGHT SEAL AT ALL EXTERIOR DOORS & FRAMES.																
3. H.M. DOOR & FRAME TO BE PAINTED W/ INDUSTRIAL ENAMEL UNLESS NOTED OTHERWISE. SAND SMOOTH PRIOR TO PAINTING.																
SPRAY FINISH ONLY. NO BRUSH FINISH.																
SPECIFIC NOTES:																
A. 3M S80 SAFETY & SECURITY WINDOW FILM TO BE APPLIED TO FRAME & GLASS																
B. BALLISTIC RESISTANT POLYIC																
C. (Q) EXHAUST CONNECTIONS THRU DOOR.																
D. INSTALL AUTO OPERATOR.																

FIRST FLOOR FINISH SCHEDULE

FINISHES & INSTRUCTIONS

VCT VINYL COMPOSITION TILE	C1 WALK-OFF CARPET	SC SEALED CONCRETE	P1 LATEX PAINT	ER EPOXY RESIN
CT CERAMIC TILE	C2 CARPET	RB RUBBER	P2 EPOXY PAINT	E EXISTING
	LVT LUXURY VINYL TILE	LVP LUXURY VINYL PLANK		

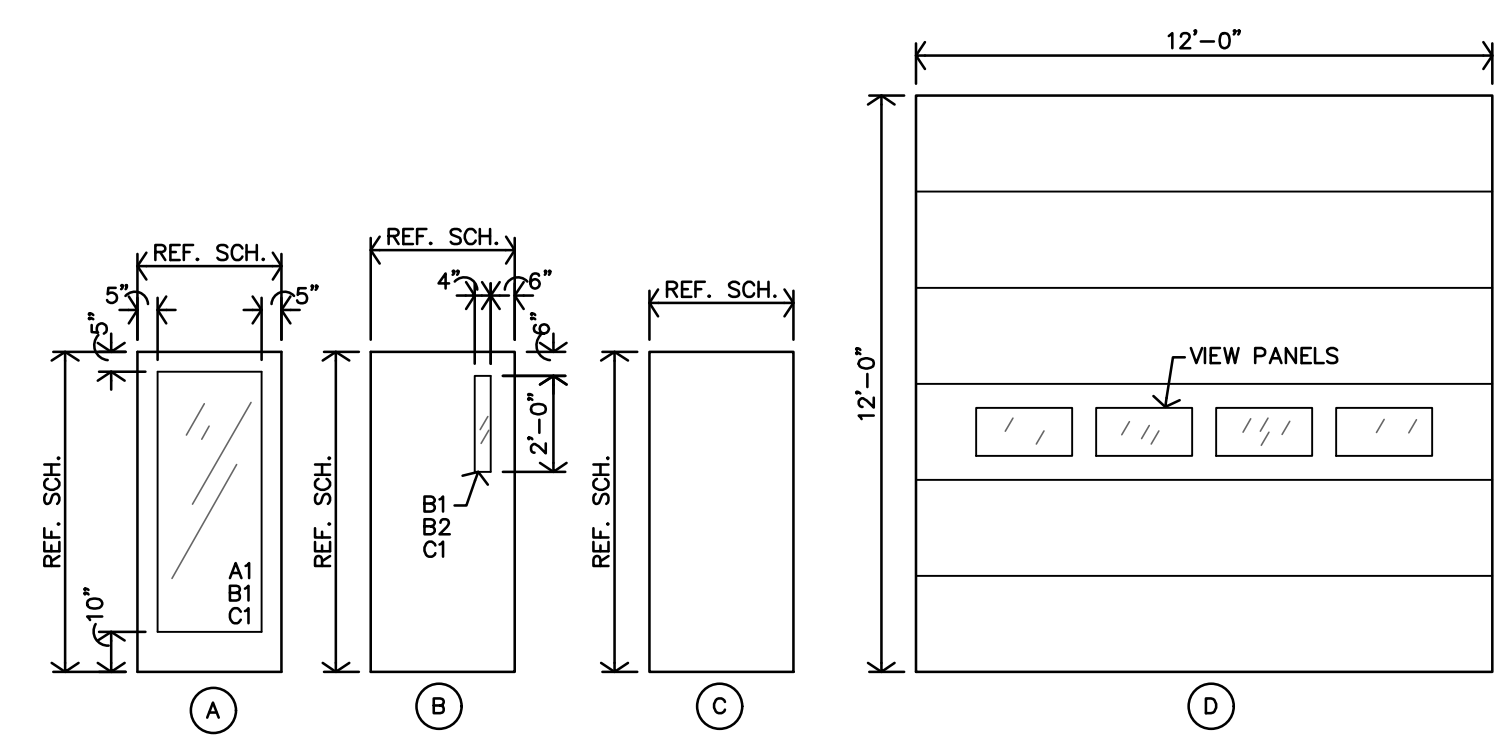
NO.	DESCRIPTION	FLOOR				BASE		N.WALL		E.WALL		S.WALL		W.WALL		CEILING		REMARKS				
		LVT	CT	C1	C2	EXISTING	5/8" FIRE RATED G.B.	CERAMIC TILE	MTL LINER PANEL	5/8" FIRE RATED G.B.	CERAMIC TILE	MTL LINER PANEL	5/8" FIRE RATED G.B.	CERAMIC TILE	MTL LINER PANEL	5/8" FIRE RATED G.B.	CERAMIC TILE		MTL LINER PANEL	5/8" FIRE RATED G.B.	SUSP. ACQUIS. TILE	EXPOSED STRUCT.
100	HALL																					
101	ENTRY																					
102	HALL																					
103	HALL																					
104	VESTIBULE																					
106	ART CLASSROOM																					
107	HALL																					
108	STORAGE																					
109	KILN																					
111	HALL																					
112	LAZER ENGRAVING																					
113	DRYING ROOM																					
114	WOODS CLASSROOM																					
116	HALL																					
117	STORAGE																					
118	STORAGE																					
119	TOOLS																					
121	METALS LAB																					
122	METALS CLASSROOM																					
123	RR																					
124	RR																					
126	OFFICE																					
127	HALL																					
128	METALS SHOP																					
129	WOODS SHOP																					
131	TOOLS																					
132	PROJECT STORAGE																					
133	HALL																					
134	JANITOR																					
136	MEN																					
137	WOMEN																					
138	HALL																					
139	RR																					
141	RR																					
142	HALL																					
143	STORAGE																					
144	HEARING																					
146	OFFICE																					
147	HALL																					
148	IT																					
149	WORKROOM																					
151	WORKROOM																					
152	RR																					
153	MECHANICAL																					
154	MECHANICAL																					
157	OFFICE																					
158	HALL																					
159	COPIER																					
161	OFFICE																					
162	OFFICE																					
163	OFFICE																					
164	OFFICE																					
166	HALL																					
167	OFFICE																					
168	OFFICE																					
169	WAITING																					
171	RECEPTION/FILES																					
172	VESTIBULE																					

GENERAL NOTES:

- INSTALL VINYL, RUBBER, OR ALUMINUM TRANSITION STRIP BETWEEN FLOOR MATERIAL OF DIFFERING HEIGHTS, INCLUDING BUT NOT LIMITED TO CONCRETE/VCT TRANSITIONS.
- ALL CRYSUM BOARD AREAS WHICH ARE ACCESSORIES TO THE ROOM INCLUDING BUT NOT LIMITED TO SOFFITS, BULKHEADS, TRIM, ETC. SHALL BE PAINTED REGARDLESS OF WHETHER IT IS SPECIFICALLY INDICATED PER SCHEDULE.
- ALL G.B. WALLS & PERMANENT PARTITIONS SHALL RECEIVE RUBBER BASE UNLESS NOTED OTHERWISE.
- WALL TYPE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL COORDINATE WALL MATERIAL W/ DRAWINGS AND FIELD CONDITIONS. ALL AREAS INDICATED TO RECEIVE NEW FINISH SHALL RECEIVE COMPLETE FINISH AS SCHEDULED AT ENTIRE ROOM. CONTRACTOR SHALL COORDINATE FINISHES WITH DETAILS AND INTERIOR ELEVATIONS.
- FLOORING CONTRACTOR SHALL VERIFY THAT SUBFLOOR IS LEVEL AND PROPERLY PREPPED PRIOR TO INSTALLATION OF ANY FINISH MATERIALS.
- CONTRACTOR SHALL VERIFY THAT FLOORS ARE PREPPED/"FLOORSTONED" FOR LEVEL TRANSITION BETWEEN DIFFERING MATERIALS.
- ALL CONTROL JOINTS AT EXPOSED CONCRETE FLOORS SHALL RECEIVE SEALANT COMPATIBLE W/ FLOOR SEALER. CONTRACTOR SHALL COORDINATE W/ INTERIOR ELEVATIONS, FLOOR PLANS AND MISCELLANEOUS DETAILS TO VERIFY ALL AESTHETIC ACCENTS AND DETAILS.
- INSTALL MOISTURE RESISTANT G.B. AT ALL WET WALLS & IN TOILETS SCHEDULED FOR G.B.
- ALL AREAS WITH NEW WALL TILE INSTALLATION SHALL USE A FACTORY EDGE FOR ALL EXPOSED EDGES. FIELD CUT EDGES ARE NOT ACCEPTABLE.

SPECIFIC NOTES:

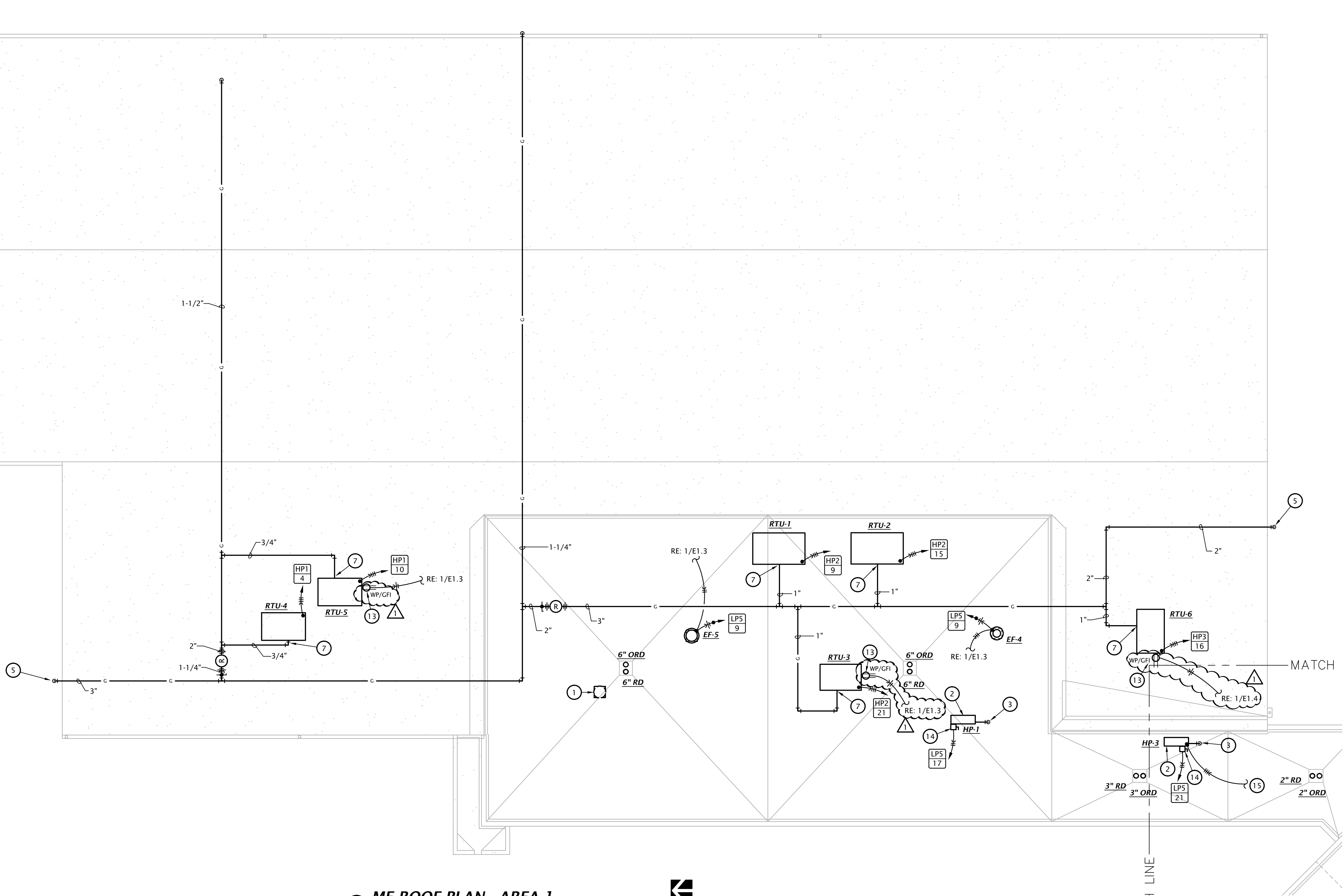
- RUBBER BASE AT G.B. WALLS
- EXISTING BRICK TO BE SEALED
- VCT TO MATCH EXISTING
- RUBBER BASE AT CMU WALLS
- NEW SIMPLE SAVER BATT INSUL
- RUBBER BASE AT NEW G.B. WALLS
- STAINLESS STEEL WALL PANEL WAINSCOT, 4"-0"high.
- REPLACE 2x4 CEILING TILE. GRID TO REMAIN.



A DOOR TYPES



2 KEY PLAN
NO SCALE

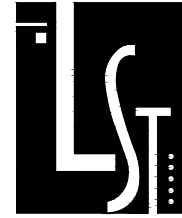


1 ME ROOF PLAN - AREA 1
1/8" = 1'-0"



ME ROOF PLAN NOTES BY SYMBOL

1. PROVIDE GRAVITY RELIEF HOOD EQUAL TO GREENHECK MODEL GRSH-10, 0.57 SF THROAT AREA, WITH BACKDRAFT DAMPER AND BIRD SCREEN.
2. MOUNT HEAT PUMP UNITS ON ROOF CURBS, PATE OR EQUIVALENT.
3. ROUTE REFRIGERANT PIPING FROM HEAT PUMP TO INDOOR UNITS. PROVIDE PIPING PENETRATION ASSEMBLY EQUAL TO RPH AW SERIES ROOF VAULT WITH EXIT SEALS FOR REFRIGERANT PIPING AND ELECTRICAL CONDUIT AND TWO ADDITIONAL SPARE EXIT SEALS.
4. ROUTE GAS PIPING ACROSS ROOF OF NEW HALLWAY AND CONNECT TO EXISTING PIPING UP TO ROOF. FIELD VERIFY SIZE AND LOCATION OF EXISTING PIPING. NEW PIPING SHALL MATCH SIZE OF EXISTING.
5. ROUTE GAS PIPING DOWN ALONG EXTERIOR WALL. SEE DOMESTIC WATER AND GAS PLANS FOR CONTINUATION.
6. PROVIDE REGULATOR FOR 1 PSI INLET AND 7" W.C. OUTLET. FIELD COORDINATE EXACT INLET PRESSURE ON EXISTING GAS SERVICE WITH KANSAS GAS SERVICE.
7. CONNECT GAS TO ROOF TOP UNIT. PROVIDE GAS COCK, UNION, AND DIRT LEG.
8. SUPPORT GAS PIPING ON ROOF WITH PREFABRICATED ROOF TOP SUPPORT EQUAL TO ERICO PYRAMID. SEE DETAIL 1-M6.2.
9. 6" HUB DRAIN TERMINATED WITH 6" TO 8" TRANSITION FOR DISCHARGE OF EXISTING GYM DOWN SPOUTS. FIELD COORDINATE EXACT LOCATIONS WITH EXISTING CONDITIONS. COORDINATE ROOF PENETRATION REQUIREMENTS WITH ARCHITECT AND G.C.
10. LOCATE ROOF TOP UNIT AT EXISTING ROOF TOP UNIT LOCATION. MODIFY EXISTING ROOF OPENING AS REQUIRED FOR NEW UNIT. COORDINATE REQUIREMENTS WITH EXISTING CONDITIONS AND G.C.
11. PROVIDE PIPE CURB AND ROUTE GAS PIPING DOWN THROUGH ROOF. COORDINATE EXACT REQUIREMENTS WITH G.C.
12. ROUTE 1 PSI GAS PIPING DOWN ALONG EXTERIOR WALL AND CONNECT TO SPRAY BOOTH MAKE-UP AIR UNIT INCLUDED AS PART OF ALTERNATE #4. PROVIDE GAS COCK, UNION, AND DIRT LEG. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY OTHERS. WORK ASSOCIATED WITH ALTERNATE #4 SHALL BE PRICED SEPARATELY.
13. MOUNT RECEPTACLE TO NON-REMOVABLE PANEL OF ROOFTOP UNIT. DO NOT COVER EQUIPMENT NAMEPLATE.
14. 60A/2P NON-FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. MOUNT TO UNISTRUT FRAME SUPPORTED FROM EQUIPMENT CURB. MAKE FINAL CONNECTION TO EQUIPMENT IN 'LFMC' RACEWAY.
15. (3) #12, #12G, 1/2"C BETWEEN HEAT PUMP UNIT AND ASSOCIATED INDOOR UNIT 'IU-3-1'. SEE SHEET E1.4 FOR INDOOR UNIT LOCATION.



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July 2025

USD 321 - KAW VALLEY SCHOOLS

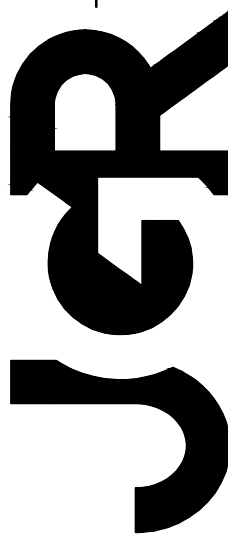
CTE RENOVATION

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REVISION:
ADDENDUM 1 8/6/2025

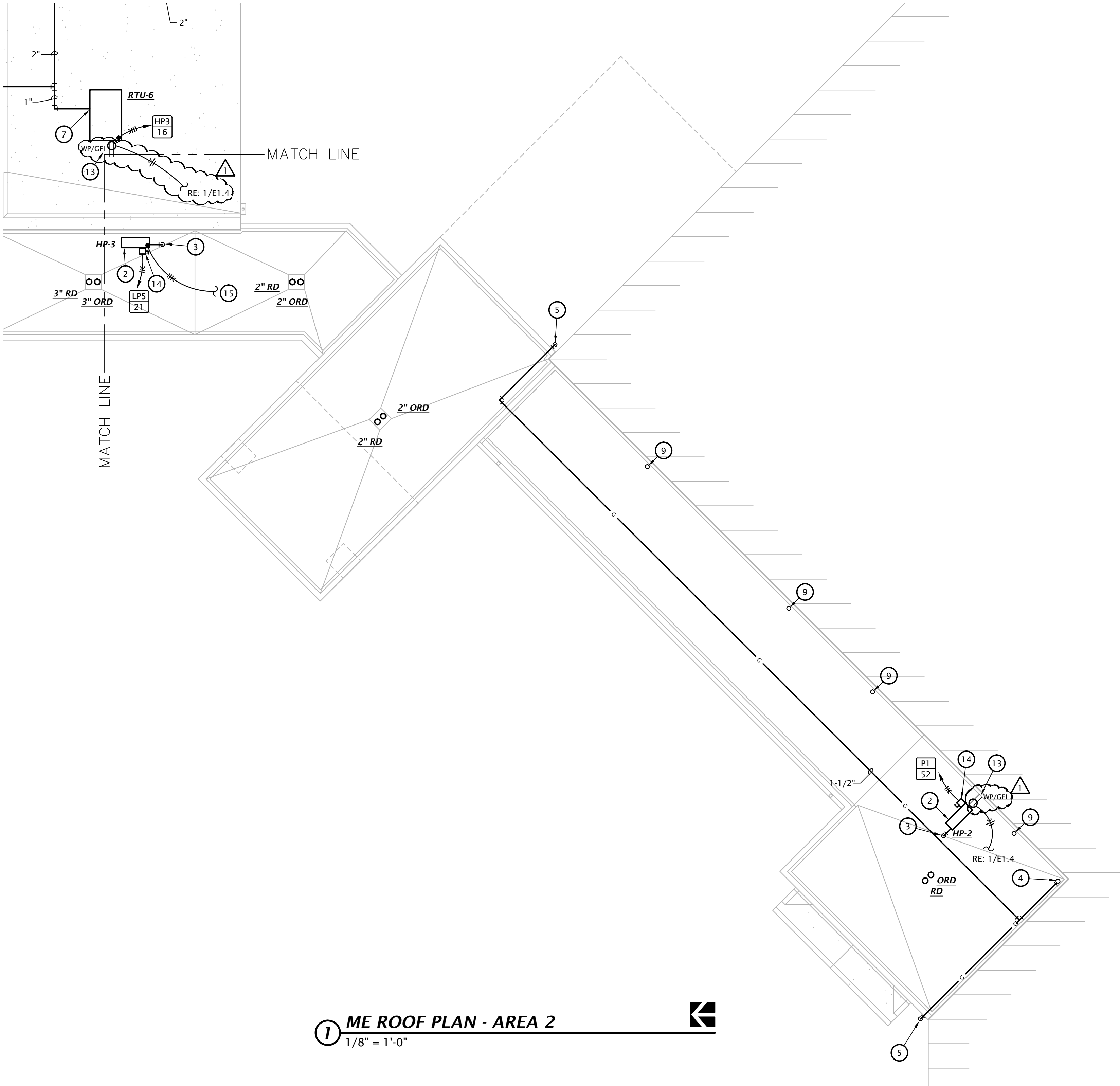
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JOB: 22-3269
SHEET NO.:

ME1.6

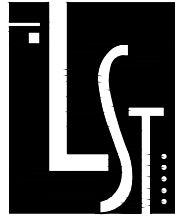
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2 KEY PLAN
NO SCALE



1 ME ROOF PLAN - AREA 2
1/8" = 1'-0"



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WICHITA 1225 S. Washington, Suite 301, Wichita, Kansas 67202
Project 23089 July 2025

ME ROOF PLAN NOTES BY SYMBOL

1. PROVIDE GRAVITY RELIEF HOOD EQUAL TO GREENHECK MODEL GRSH-10, 0.57 SF THROAT AREA, WITH BACKDRAFT DAMPER AND BIRD SCREEN.
2. MOUNT HEAT PUMP UNITS ON ROOF CURBS, PATE OR EQUIVALENT.
3. ROUTE REFRIGERANT PIPING FROM HEAT PUMP TO INDOOR UNITS. PROVIDE PIPING PENETRATION ASSEMBLY EQUAL TO RPH AW SERIES ROOF VAULT WITH EXIT SEALS FOR REFRIGERANT PIPING AND ELECTRICAL CONDUIT AND TWO ADDITIONAL SPARE EXIT SEALS.
4. ROUTE GAS PIPING ACROSS ROOF OF NEW HALLWAY AND CONNECT TO EXISTING PIPING UP TO ROOF. FIELD VERIFY SIZE AND LOCATION OF EXISTING PIPING. NEW PIPING SHALL MATCH SIZE OF EXISTING.
5. ROUTE GAS PIPING DOWN ALONG EXTERIOR WALL. SEE DOMESTIC WATER AND GAS PLANS FOR CONTINUATION.
6. PROVIDE REGULATOR FOR 1 PSI INLET AND 7" W.C. OUTLET. FIELD COORDINATE EXACT INLET PRESSURE ON EXISTING GAS SERVICE WITH KANSAS GAS SERVICE.
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9. 6" HUB DRAIN TERMINATED WITH 6" TO 8" TRANSITION FOR DISCHARGE OF EXISTING CYM DOWN SPOUTS. FIELD COORDINATE EXACT LOCATIONS WITH EXISTING CONDITIONS. COORDINATE ROOF PENETRATION REQUIREMENTS WITH ARCHITECT AND G.C.
10. LOCATE ROOF TOP UNIT AT EXISTING ROOF TOP UNIT LOCATION. MODIFY EXISTING ROOF OPENING AS REQUIRED FOR NEW UNIT. COORDINATE REQUIREMENTS WITH EXISTING CONDITIONS AND G.C.
11. PROVIDE PIPE CURB AND ROUTE GAS PIPING DOWN THROUGH ROOF. COORDINATE EXACT REQUIREMENTS WITH G.C.
12. ROUTE 1 PSI GAS PIPING DOWN ALONG EXTERIOR WALL AND CONNECT TO SPRAY BOOTH MAKE-UP AIR UNIT INCLUDED AS PART OF ALTERNATE #4. PROVIDE GAS COCK, UNION, AND DIRT LEG. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY OTHERS. WORK ASSOCIATED WITH ALTERNATE #4 SHALL BE PRICED SEPARATELY.
13. MOUNT RECEPTACLE TO NON-REMOVABLE PANEL OF ROOFTOP UNIT. DO NOT COVER EQUIPMENT NAMEPLATE.
14. 60A/2P NON-FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. MOUNT TO UNISTRUT FRAME SUPPORTED FROM EQUIPMENT CURB. MAKE FINAL CONNECTION TO EQUIPMENT IN 'LFMC' RACEWAY.
15. (3) #12, #12G, 1/2" C BETWEEN HEAT PUMP UNIT AND ASSOCIATED INDOOR UNIT 'IU-3-1'. SEE SHEET E1.4 FOR INDOOR UNIT LOCATION.

USD 321 - KAW VALLEY SCHOOLS

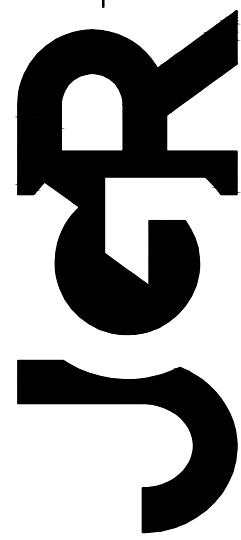
CTE RENOVATION

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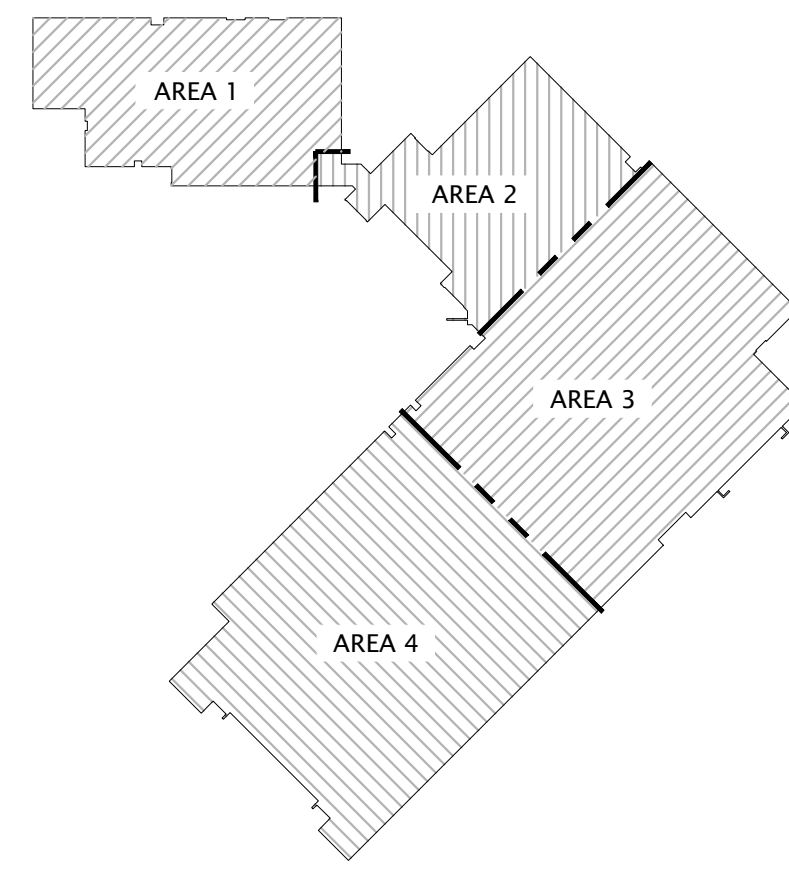


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ADDENDUM 1 8/6/2025

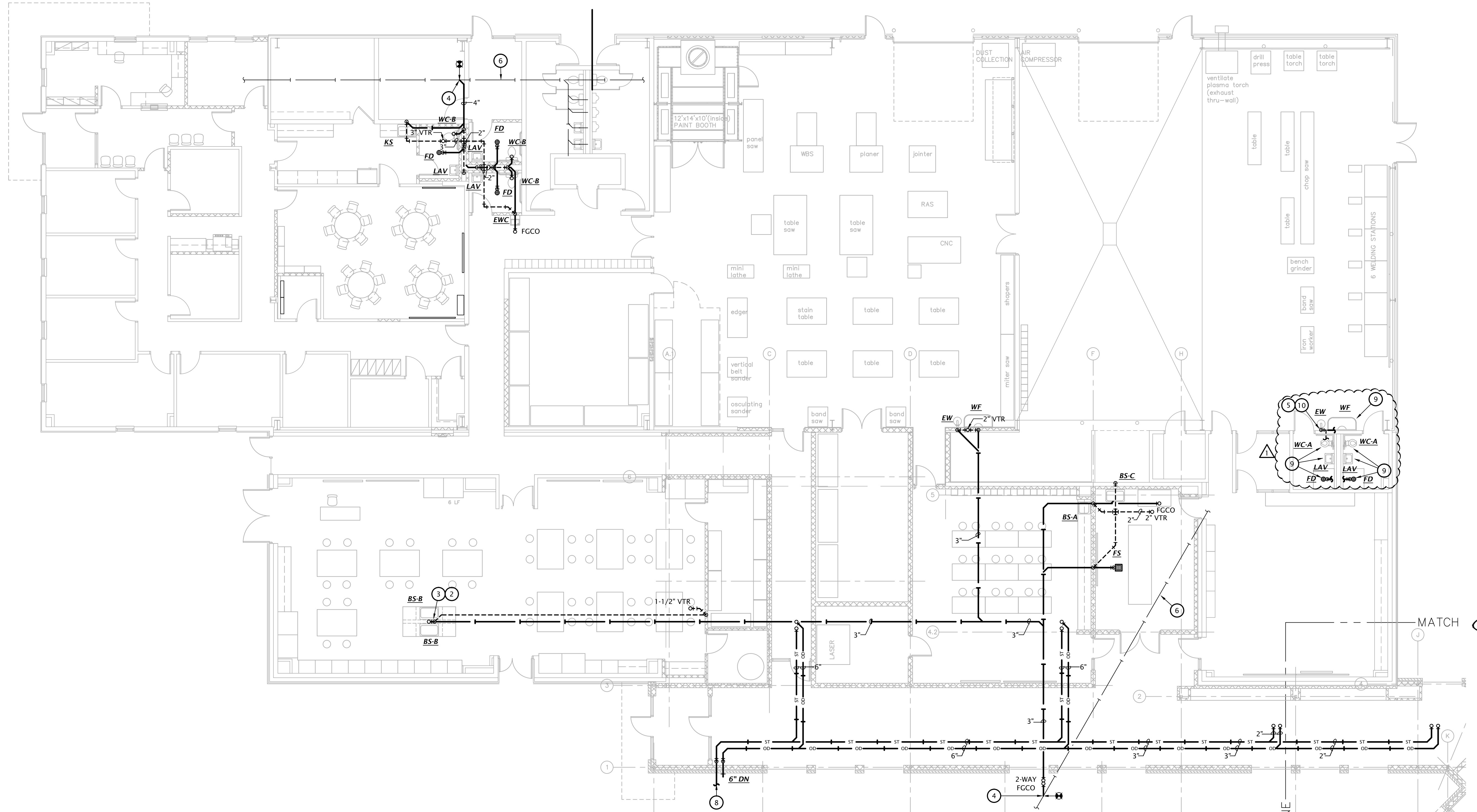
DATE: 7-18-2025
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ME1.7

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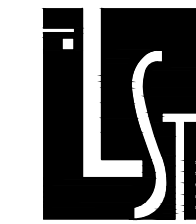
2 KEY PLAN
NO SCALE



1 PLUMBING PLAN - AREA 1
1/8" = 1'-0"

⑧ PIPING PLAN NOTES BY SYMBOL

1. CONNECT TO EXISTING 4" OR LARGER DRAIN. FIELD VERIFY EXACT SIZE AND LOCATION.
2. PROVIDE ISLAND VENT FOR SINKS.
3. PROVIDE SINKS IN ART ROOM WITH SOLIDS INTERCEPTOR EQUAL TO GLECO TRAP GT32. PROVIDE WITH ALL COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION AND ONE EXTRA BOTTLE WITH LID. FIELD COORDINATE ROUGH-IN HEIGHT TO ENSURE RECOMMENDED CLEARANCE IS MAINTAINED.
4. CONNECT TO EXISTING 4" OR LARGER BUILDING DRAIN. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING.
5. CONNECT TO EXISTING 2" OR LARGER VENT PIPING. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING.
6. EXISTING PIPING TO REMAIN.
7. ROUTE 6" ROUND STORM DRAIN UP THROUGH ROOF AND TERMINATE WITH 6" TO 8" TRANSITION FOR DISCHARGE OF EXISTING CYM DOWNSPOUTS. COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS. COORDINATE ROOF PENETRATION REQUIREMENTS WITH ARCHITECT AND G.C.
8. SEE CIVIL PLAN FOR CONTINUATION.
9. CONNECT NEW FIXTURES TO EXISTING ROUGH-INS. MODIFY EXISTING PIPING AS REQUIRED. FIELD VERIFY EXACT REQUIREMENTS.
10. CONNECT DRAIN FROM EYE WASH TO NEAREST EXISTING 2" OR LARGER DRAIN PIPING. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING.



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Project 23089 **July 2025**

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USD 321 - KAW VALLEY SCHOOLS	CTE RENOVATION	KANSAS
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REVISION: _____

ADDENDUM #1 8-14-2025

DATE:	7-18-2025
DOB:	22-3269
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GAS FIRED ROOFTOP UNIT SCHEDULE

TAG	MANUF.	MODEL NUMBER	O.A. CFM	SUPPLY FAN			NET COOLING				NAT. GAS MBH INPUT/OUTPUT	WEIGHT (LBS.)	VOLTS / PHASE	MCA	MOCP	NOTES
				CFM	ESP	HP	TOT MBH	SENS MBH	EAT DB/WB	O.A. DB						
RTU-1	TRANE	YSK102A4SOM	835	2975	1"	3	103.29	71.2	80/67	100	150/121.5	1247	480/3	26	35	1,2,3,4,5,6,7,8,9,10
RTU-2	TRANE	YSK102A4SOM	825	2975	1"	3	103.29	71.2	80/67	100	150/121.5	1247	480/3	26	35	1,2,3,4,5,6,7,8,9,10
RTU-3,4,5,6	TRANE	YSK036A4	325	1200	1"	3/4	35.23	25.7	80/67	100	80/64.8	750	480/3	10	15	1,3,4,5,6,7,8,9

- NOTES:
- Provide with hail guards.
 - Provide with single zone vav controls.
 - Provide with factory installed and wired circuit breaker.
 - Provide with dry bulb economizer with barometric relief.
 - Provide with CO2 sensor and controls for demand controlled ventilation.
 - Provide with manufacturer's unit controller and all required controls components and wiring.
 - Provide with hinged service access panels.
 - Provide unit with roof curb compatible with roof type and slope. Coordinate with G.C.
 - Provide 2" MERV 8 pleated filters.
 - Provide with dehumidification controls with hot gas reheat and duct mounted humidity sensor.

GRAVITY HOOD SCHEDULE

MARK	MANUFACTURER	MODEL	SIZE	FREE AREA (SF)	FINISH	SCREEN	DAMPER	SERVICE	DESCRIPTION	NOTES
GH-1	GREENHECK	GRSR	10	0.57	ALUMINUM	BIRD	GRAVITY	RELIEF	ROUND ALUMINUM GRAVITY RELIEF HOOD	1

- NOTES:
- Provide with roof curb compatible with roof construction, coordinate with G.C.

EXHAUST FAN SCHEDULE

MARK	MFG.	MODEL	TYPE	FAN PERFORMANCE		MOTOR HP	VOLTAGE	WEIGHT (LBS)	NOTES
				AIRFLOW (CFM)	E.S.P. (W.C.)				
EF-1,2,3	GREENHECK	SP-A50-090-VG	CENTRIFUGAL CEILING CABINET FAN	70	0.25		120/1	12	1,2
EF-4	GREENHECK	G-080-VG	DIRECT DRIVE CENTRIFUGAL ROOF	340	0.30	1/10	120/1	30	1,2,3,4
EF-5	GREENHECK	CUE-099-B	DIRECT DRIVE CENTRIFUGAL UPBLAST ROOF	400	0.30	1/6	120/1	30	1,3,4,5

- NOTES:
- Provide integral disconnect switch.
 - Provide with integral backdraft damper.
 - Provide with speed controller mounted to motor.
 - Provide with insulated roof curb compatible with roof construction. Coordinate with Arch. and G.C.
 - Provide with spark B construction and explosion proof motor.

ELECTRIC HEATER SCHEDULE

MARK	MANUF.	MODEL	MOUNTING	WATTS	VOLTAGE/PHASE	DESCRIPTION	NOTES
EWH-1,2,3,4,5	TRANE	UHAA	WALL	1,500	120/1	Architectural fan forced wall heater	1,2,3

- NOTES:
- Provide with high temp. thermal cutout and fan delay.
 - Provide with integral thermostat and unit mounted disconnect switch.
 - Provide with recessed mounting frame.

MINI-SPLIT OUTDOOR UNIT SCHEDULE

System Tag	Tag Reference	M-NET Address	Model Number	Nominal Cooling Capacity (BTU/h)	Nominal Heating Capacity (BTU/h)	EER2 [SEER2]	Heating COP @ 47°F [HSPF]	Nom System Connected Capacity (% of NOM)	Design Cooling Outdoor Temp DB (°F)	Design Heating Outdoor Temp WB (°F)	Corrected Cooling Total Capacity (BTU/h)	Corrected Heating Capacity (BTU/h)	Electrical-Per Module 208/230 or [460V]			Notes / Options
													Voltage / Phase	MCA 208/230	RFS	
													208/230V / 1- phase	45	40	
HP-1	HP-1	51	MXZ-SM48NLHZ	48,000	54,000	19.5 [11.8]	3.600	100.0 %	101.0	-4.6	41,154.3	49,981.0	208/230V / 1- phase	45	40	1, 2, 3
HP-2	HP-1	54	MXZ-SM42NLHZ	42,000	48,000	19.75 [12]	3.700	100.0 %	101.0	-4.6	37,690.4	44,787.8	208/230V / 1- phase	45	40	1, 2, 3
HP-3	HP-3	N/A	MUZ-GX18NLHZ	18,000	19,000	14.05 [22.5]	4.16 [10]	100.0 %	101.0	-4.6	17,495.7	15,143.0	208/230V / 1- phase	23	25	1, 2, 3

- Notes & Options:
- Nominal cooling capacities are based on indoor coil EAT of 80/67°F (DB/WB), outdoor of 95°F (DB)
 - Nominal heating capacities are based on indoor coil EAT of 70°F (DB), outdoor of 43°F (WB)
 - Provide with hail guards.

MITSUBISHI ELECTRIC TRANE HVAC US: CITY MULTI VRF INDOOR UNIT SCHEDULE

System Tag	Tag Reference	Model	Type	Nominal Cooling Capacity (BTU/h)	Nominal Heating Capacity (BTU/h)	Cooling Design Entering Temp DB/WB (°F) /	Heating Design Entering Temp DB/WB (°F) /	Corrected Capacity			Estimated Cooling Coil LAT (°F)	Estimated Heating Coil LAT (°F)	Refrig Pipe Dim Liquid/Suction (inch)	Fan Speed Setting	Peak Fan Airflow (cfm)	Voltage / Phase	Electrical MCA/MFS	Notes / Options
								Cooling Total Capacity (BTU/h)	Cooling Sensible Capacity (BTU/h)	Heating Capacity (BTU/h)								
HP-1	IU-1-1	PKFY-L18NLMU-A	Wall -Mounted	18,000	20,000	80.0/67.0	70	15,432.9	11,044.4	18,684.5	56.2	109.5	1/4 / 1/2	HIGH	438	208/230V/1- phase	0.24/0.24/15	1, 2
HP-1	IU-1-2	PKFY-L12NLMU-A	Wall -Mounted	12,000	13,500	80.0/67.0	70	10,288.6	7,379.6	12,612.0	56.5	109.4	1/4 / 1/2	HIGH	297	208/230V/1- phase	0.24/0.24/15	1, 2
HP-1	IU-1-3	PKFY-L18NLMU-A	Wall -Mounted	18,000	20,000	80.0/67.0	70	15,432.9	11,044.4	18,684.5	56.2	109.5	1/4 / 1/2	HIGH	438	208/230V/1- phase	0.24/0.24/15	1, 2
HP-2	IU-2-1	PKFY-L24NKMU-A	Wall -Mounted	24,000	27,000	80.0/67.0	70	21,537.4	18,699.5	25,729.2	60.8	95.9	3/8 / 5/8	HIGH	920	208/230V/1- phase	0.34/0.34/15	1, 2
HP-2	IU-2-2	PKFY-L18NLMU-A	Wall -Mounted	18,000	20,000	80.0/67.0	70	16,153.0	11,339.7	19,058.7	55.5	110.3	1/4 / 1/2	HIGH	438	208/230V/1- phase	0.24/0.24/15	1, 2
HP-3	HP-3-1	MSZ-GX18NL	Wall -Mounted	18,000	21,600	80.0/67.0	70	17,495.7	14,025.3	15,143.0	59.6	91.6	1/2 / 1/4	HIGH	650	208/230V/1- phase	Powered by Outdoor	1, 2

- Notes & Options:
- Nominal cooling capacities are based on indoor coil EAT of 80/67°F (DB/WB), outdoor of 95°F (DB)
 - Nominal heating capacities are based on indoor coil EAT of 70°F (DB), outdoor of 43°F (WB)

AIR DEVICE SCHEDULE

MARK	MANUFATURER	MODEL	APPLICATION				FINISH	MOUNTING	DAMPER	DESCRIPTION
			SUPPLY	RETURN	EXHAUST	TRANSFER				
SD-A	PRICE	SCD	•				WHITE	LAY-IN	NO	24x24" steel square louvered diffuser, neck size as indicated on drawings.
SD-B	PRICE	SCD	•				WHITE	SURFACE	NO	12"x12" steel square louvered diffuser, neck size as indicated on drawings
SD-C	PRICE	520	•				WHITE	SURFACE/ WALL	NO	Steel double deflection louvered diffuser, neck size as indicated on drawings
RG-A	PRICE	PDDR	•				WHITE	LAY-IN	NO	24"x24" Perforated face return grille, neck size as indicated on drawings
RG-B	PRICE	530	•				WHITE	SURFACE/ WALL	NO	Steel single deflection return grille, neck size as indicated on drawings
EG-A	PRICE	PDDR		•			WHITE	LAY-IN	NO	24"x24" Perforated face return grille, neck size as indicated on drawings
EG-B	PRICE	530	•		•		WHITE	SURFACE/ WALL	NO	Steel single deflection return grille, neck size as indicated on drawings
EG-C	PRICE	630	•		•		WHITE	SURFACE/ WALL	NO	Aluminum single deflection return grille, neck size as indicated on drawings

- GENERAL NOTES:
- Provide mounting frame as required for ceiling type.
 - Maximum NC shall be 30.
 - Runouts to diffusers shall be same size as neck, U.N.O.
 - Ceiling devices shall have adjustable blow pattern, 4-way U.N.O.
 - Coordinate locations of all wall devices with Architect.

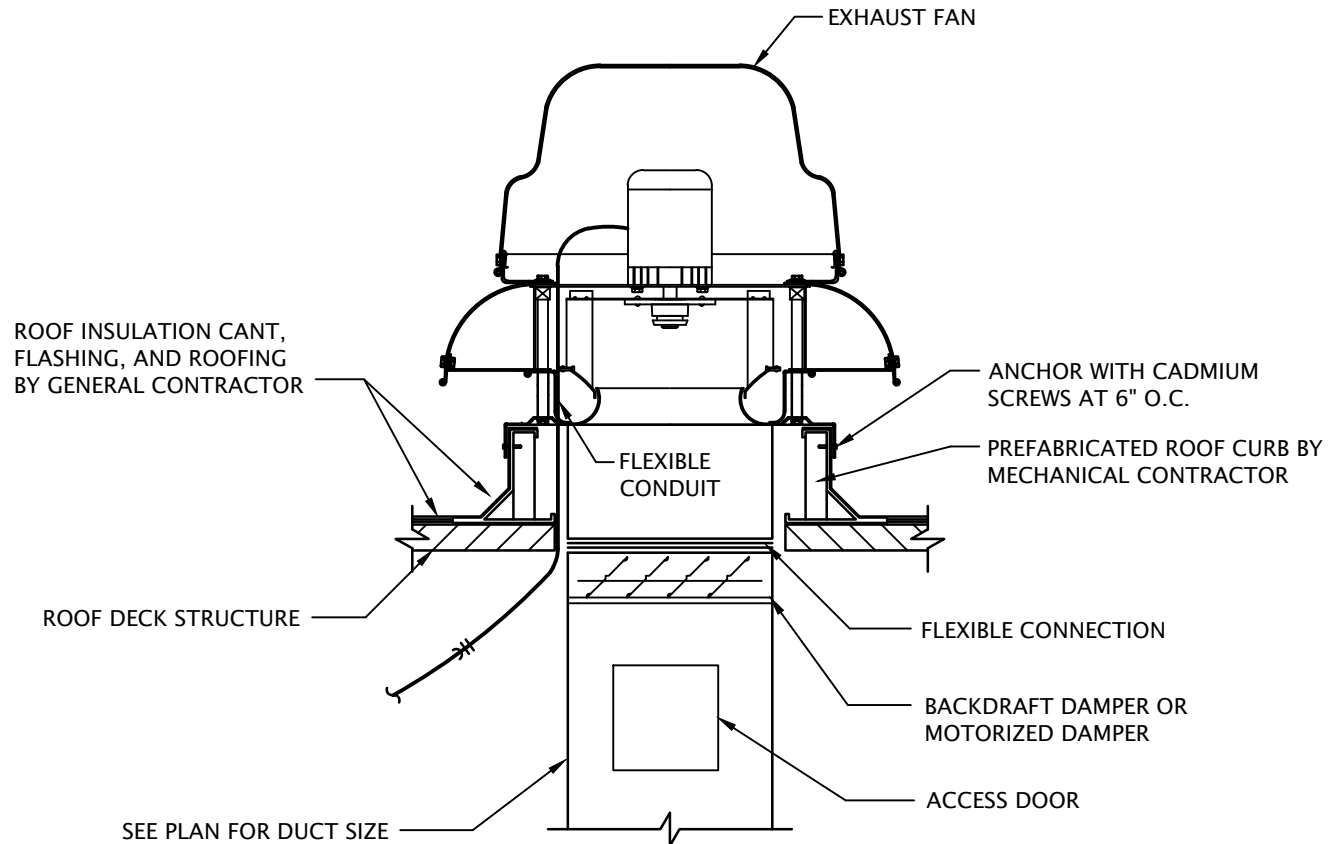
SPLIT SYSTEM SCHEDULE

FURNACE		
MARK	F-1	F-2
MANUFACTURER	TRANE	TRANE
MODEL	S9X2D120U5PSB	S9X2D120U5PSB
AFUE (MIN)	96%	96%
SUPPLY AIRFLOW (CFM)	1940	1940
O.A. AIRFLOW (CFM)	250	250
ESP ("WG)	0.6	0.6
SPEED	MED	MED
MOTOR HP	1	1
NAT. GAS INPUT (MBH)	120	120
NAT. GAS OUTPUT (MBH)	116.4	116.4
FLA	10.6	10.6
MOCP	15	15
VOLTAGE	120	120

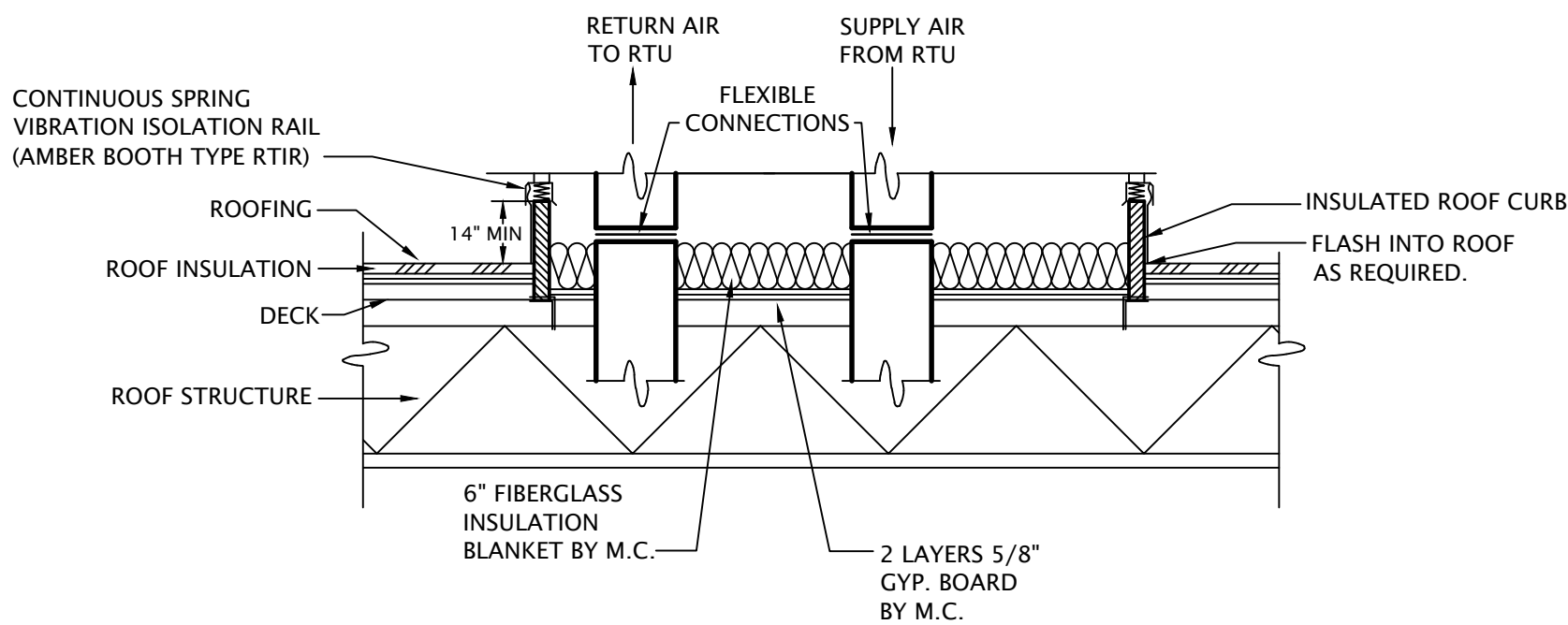
EVAPORATOR		
REFRIGERANT LIQ---GAS	3/8" / 7/8"	3/8" / 7/8"
ENT. AIR DB	80	80
ENT. AIR WB	67	67
SENSIBLE CAPACITY (MBH)	41.5	41.5
TOTAL CAPACITY (MBH)	55.2	55.2

CONDENSING UNIT		
MARK	CU-1	CU-2
NOMINAL TONS	5	5
MANUFACTURER	TRANE	TRANE
MODEL	4TTR6060	4TTR6060
O.A. DB	95°F	95°F
VOLTAGE/PHASE	208/1	208/1
MCA	28	28
MOCP	50	50

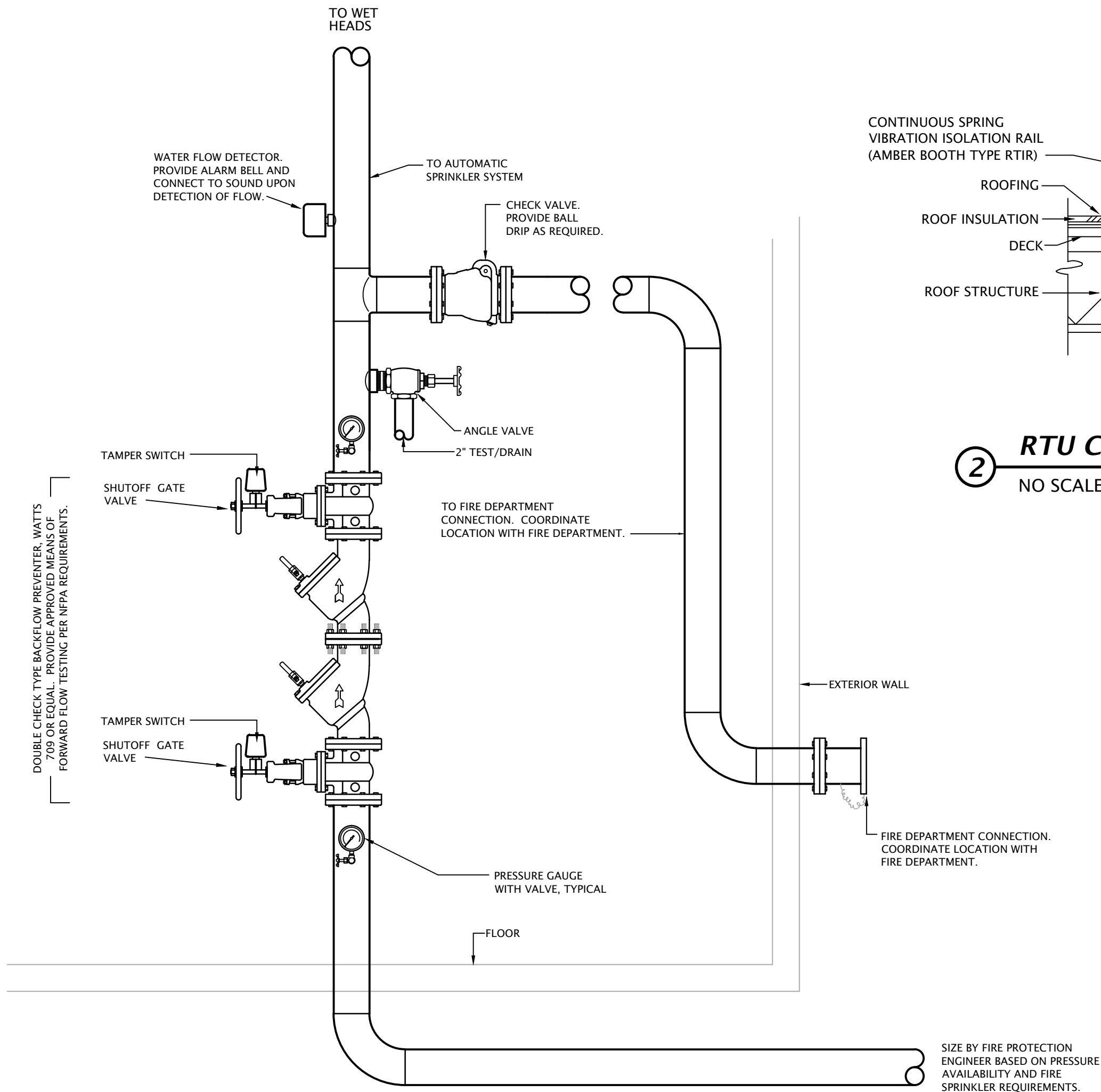
- NOTES:
- Provide refrigerant piping sized in accordance with manufacturer's recommendations for actual field installed length and routing.
 - Provide PVC intake and exhaust piping sized and installed in accordance with manufacturer's written installation instructions.
 - Provide 24hr/7 day programmable thermostat
 - Direct vent concentric termination kit



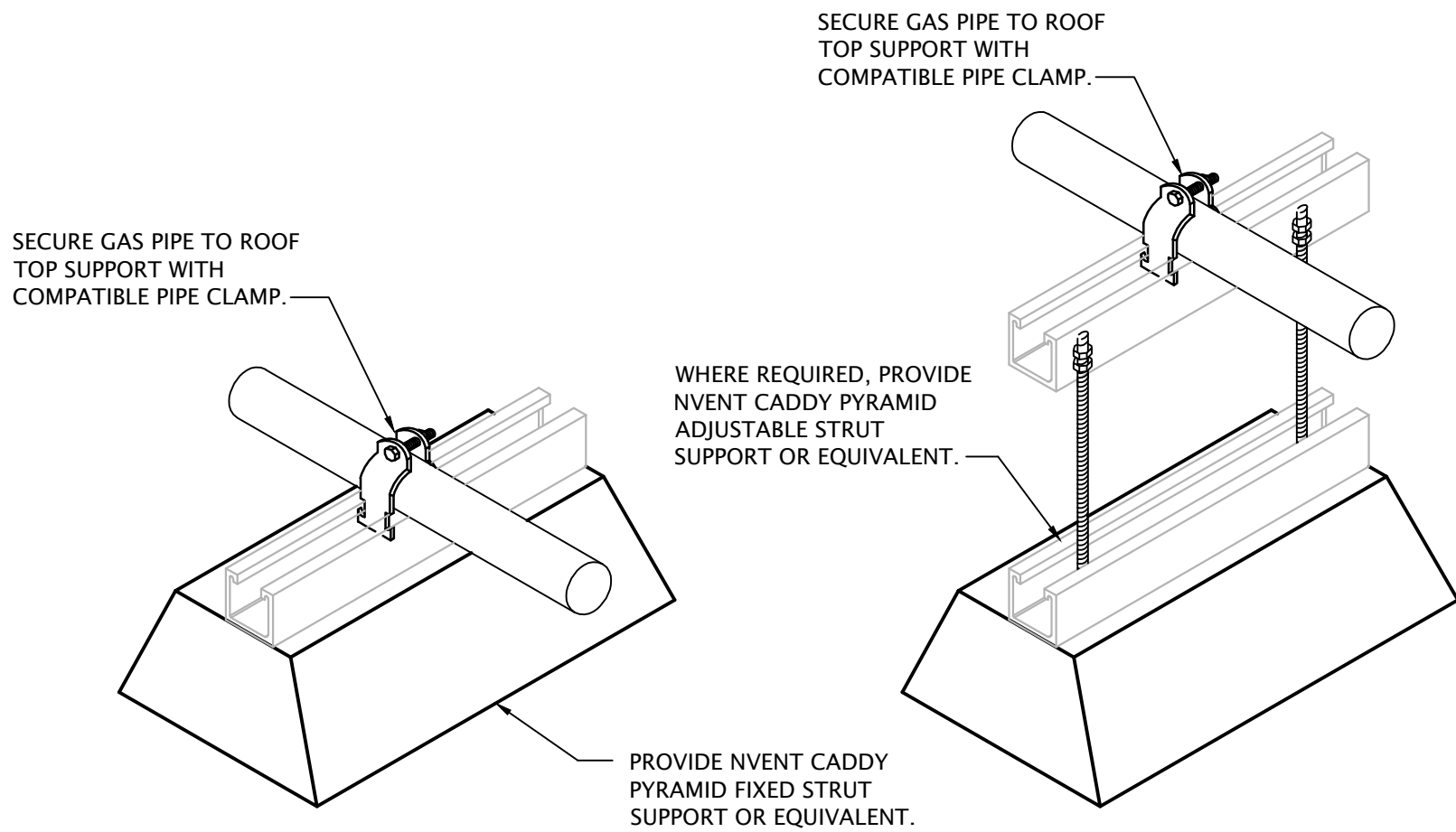
3 EXHAUST FAN DETAIL
NO SCALE



2 RTU CURB DETAIL
NO SCALE



4 FIRE PROTECTION RISER DIAGRAM
Not to Scale



1 GAS PIPE ROOF SUPPORT DETAIL
NO SCALE

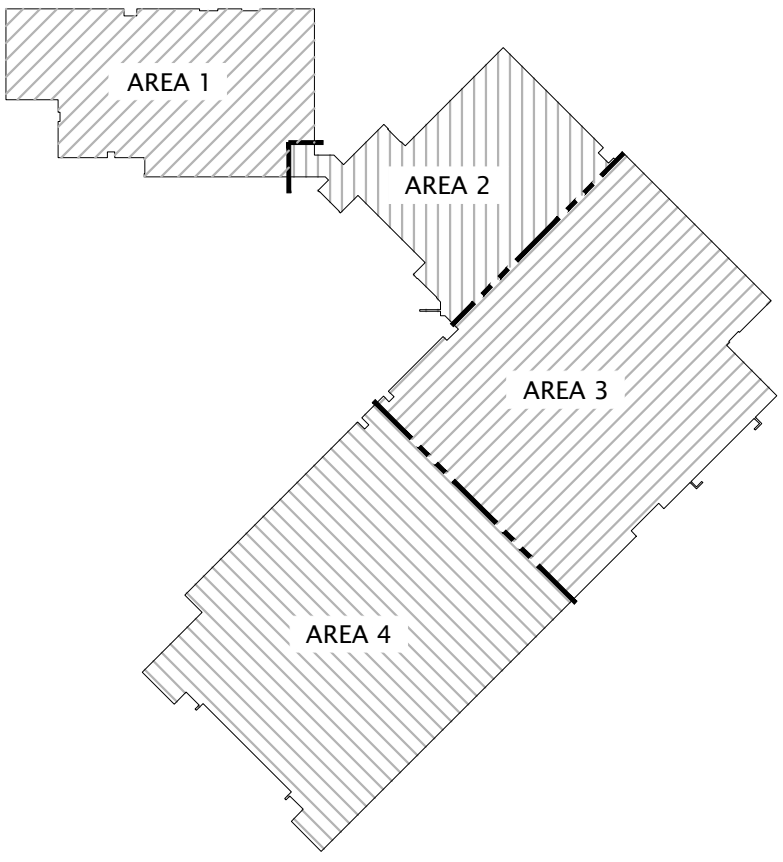
MARK	MANUFACTURER	DESCRIPTION	TRIM		ROUGH-IN SIZES				NOTES
			MANUFACTURER	DESCRIPTION	WASTE	VENT	CW	HW	
WC-A	KOHLER	Model 96057-0 "Highcliff" floor mounted flush valve water closet, white vitreous china, top spud 1.28 GPF, 12" rough-in, elongated 17-1/2" high bowl.	KOHLER	Model K-13517 piston type manual chrome plated flush valve, 1.28 GPF. Model 4731-C-0 white open front plastic seat.	4"	2"	1"	---	1,4
WC-B	KOHLER	Model 3999-0 "Highline" ADA compliant flush tank water closet, white vitreous china, two piece, 12" rough-in, elongated 16-1/2" high bowl, siphon jet flushing action, 1.28 GPF, polished chrome actuator.	KOHLER	#4650-0 Lustra white, open front, plastic seat and cover	4"	2"	1/2"	---	1
LAV	KOHLER	Model 2005-0 wall hung lavatory, white vitreous china, 18-1/4"W x 17-1/4", faucet holes on 4" centers.	KOHLER	Model 15198-4RA single handle faucet. Provide grid drain. Provide point of use tempering valve.	2"	1-1/2"	1/2"	1/2"	1,2,3,4
KS	JUST	Model UD1832A-J two compartment 18 GA stainless steel sink, self rimming, 13-1/2"x16"x7-5/8"D inside, fully undercoated, faucet holes as req.	DELTA	Model 400-HDF single handle kitchen sink faucet with hose spray attachment. Chrome finish. Provide basket strainer.	2"	1-1/2"	1/2"	1/2"	2,4
BS-A	JUST	Model US1818AA-J single compartment 18 GA. Stainless steel sink, self rimming, 16"x16"x7-7/8"D inside, fully undercoated, faucet holes as required.	DELTA	Model 27C4944 two handle bar sink faucet, 6" gooseneck spout, 1.5 GPM aerator, 4" blade handles, chrome finish. Provide basket strainer.	2"	1-1/2"	1/2"	1/2"	2,4
BS-B	N/A	Trim only for sink integral to counter top. Coordinate faucet hole requirements with G.C.	DELTA	Model 27C4944 two handle bar sink faucet, 6" gooseneck spout, 1.5 GPM aerator, 4" blade handles, chrome finish. Provide basket strainer.	2"	1-1/2"	1/2"	1/2"	2,4
BS-C	JUST	Model SB130-2-J single compartment 14 GA. Stainless steel scullery sink, floor mounted, 24W"x33L"x14"D inside, faucet holes as required	DELTA	Model 28CC923-AC two handle wall mount bar sink faucet, 6" gooseneck spout, 1.5 GPM aerator, 4" blade handles, with integral check stops. Provide basket strainer.	2"	1-1/2"	1/2"	1/2"	2,4
WF	BRADLEY CORP	Model SN2023 with air hand activated metering faucet and thermostatic mixing valve			2"	1-1/2"	1/2"	1/2"	1,2
EW	BRADLEY CORP	Model S19214SS emergency eye/face wash, barrier free, with stainless steel bowl, hand activated eyewash paddle with foot pedal, 1/2" stay open ball valve. field coordinate exact location with owner prior to rough-in.			1-1/2"	1-1/4"	1/2"	---	1
EWC	ELKAY	Model LZS8WSLK ADA compliant single height, self-contained water cooler with stainless steel basin, front push bar actuator, bottle filler, lead-free cooling system capable of cooling 8.0 GPH, 120 volts.			2"	1-1/2"	1/2"	---	
FD	WADE	1100 series floor drain with 6" satin nickel bronze strainer. Provide trap protection device equal to ProSet Trapguard.			2"	1-1/2"	---	---	
FS	WADE	Model 9140 floor sink with 8" deep body, enameled interior, lift out sediment bucket, nickel bronze trim and grate with openings as required.			3"	1-1/2"	---	---	
RD	WADE	Model 3000 cast iron side outlet body roof drain with flange, flashing ring with gravel stop, underdeck clamp and cast iron dome strainer.							
ORD	WADE	Model 3000 cast iron side outlet body overflow roof drain with 2" cast iron dam/ flashing ring, flange, underdeck clamp and cast iron dome strainer.							
DN	WADE	Model 3940 nickel bronze downspout nozzle with threaded outlet and flange to secure nozzle to wall.							

GENERAL:

- Provide fixtures with all trim necessary for complete installation

NOTES:

- Fixture and installation to meet requirements of Americans with Disabilities Act.
- Provide 1/4 turn angle stops with escutcheon plates, and chrome plated or braided stainless steel supplies, and 1-1/4" cast brass p-trap.
- Insulate water and waste piping below lavatory. Utilize insulation kit equivalent to LavGuard by Truebro.
- Trim shall be provided with polished chrome finish.



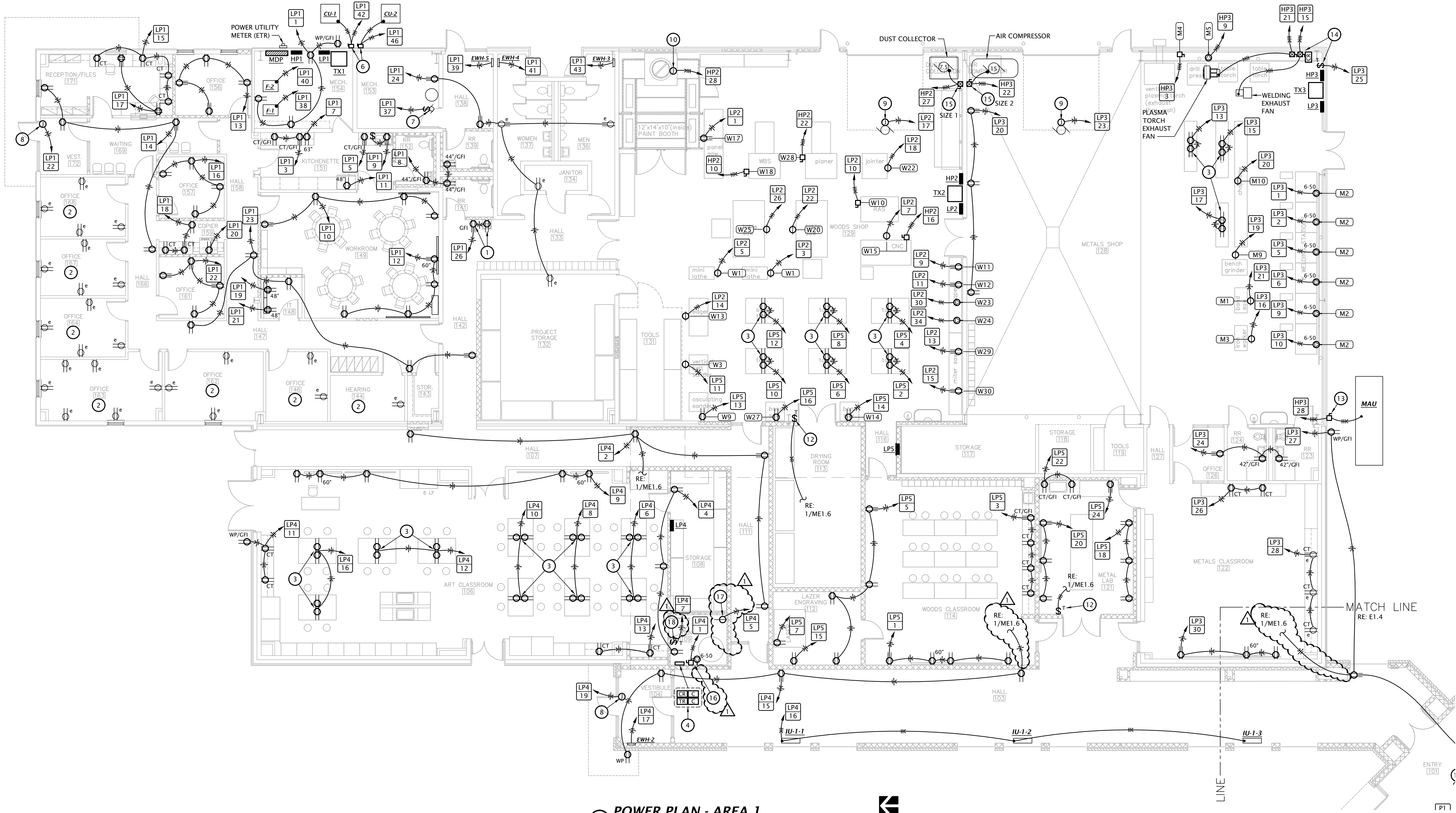
2 KEY PLAN
NO SCALE

GENERAL POWER NOTES

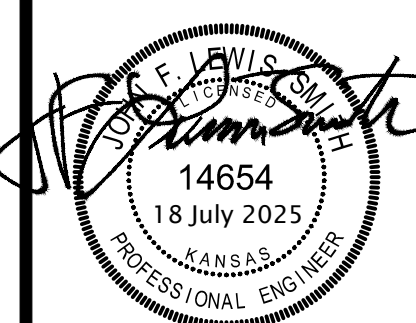
- A. THE CIRCUITING OF ALL DEVICES HAS BEEN SHOWN ON THE PLANS, AND THE CONTRACTOR SHALL FOLLOW THIS CIRCUITING LAYOUT.
- B. VERIFY EXACT LOCATIONS OF HVAC AND PLUMBING EQUIPMENT WITH THE GENERAL CONTRACTOR AND ASSOCIATED SUB CONTRACTORS. COORDINATE CONDUIT SUB-UP AND POWER CONNECTIONS PRIOR TO COMMENCING ROUGH-IN WORK. ELECTRICAL DEVICES (DISCONNECTS, RECEPTACLES, ETC.) INSTALLED ON EQUIPMENT SHALL BE MOUNTED ON A NON-REMOVABLE PANEL OF THE EQUIPMENT. FIELD COORDINATE EXACT DEVICE MOUNTING LOCATIONS PRIOR TO INSTALLATION.
- C. WALL MOUNTED HVAC CONTROL DEVICES (THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, CO₂ SENSORS, ETC) SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. UNLESS NOTED OTHERWISE, ELECTRICAL CONTRACTOR SHALL PROVIDE SINGLE GANG WALL BOX AT 46" AFF AND 1/2" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING WITH NYLON BUSHINGS AND PULLSTRING IN RACEWAY. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF DEVICES.

POWER PLAN NOTES BY SYMBOL

1. COORDINATE EXACT MOUNTING LOCATION OF DRINKING FOUNTAIN RECEPTACLE WITH PLUMBING CONTRACTOR. WIRE FROM LOAD SIDE OF ADJACENT GFI RECEPTACLE TO PROVIDE GFI PROTECTION FOR DRINKING FOUNTAIN RECEPTACLE.
2. RECONNECT EXISTING CIRCUIT(S) SERVICE RECEPTACLES IN THIS ROOM TO NEW PANEL 'LP1'.
3. PROVIDE CORD DROP PER DETAIL 5, SHEET E6.1.
4. RELAYS AND CONTACTORS FOR CONTROL OF KILN AND ASSOCIATED EXHAUST. SEE DETAIL 2, SHEET E6.1.
5. EXISTING ELECTRICAL PANELS TO BE USED FOR NEW CIRCUITS IN ENTRY 101 AND HALL 102.
6. 60A/2P NON-FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. ROUTE CIRCUITRY FROM SWITCH TO EQUIPMENT IN GALVANIZED 'RMC' RACEWAY SUPPORTED ABOVE GRADE TO EDGE OF UNIT, THEN TRANSITION TO 'LFMC' RACEWAY FOR FINAL CONNECTION.
7. ROUTE 120V CIRCUIT FOR HOT WATER RECIRCULATION PUMP (HWP) THROUGH ADJACENT AQUASTAT. PROVIDE 20A/1P SNAP SWITCH ADJACENT TO PUMP AND MAKE FINAL FLEXIBLE CONNECTION. COORDINATE WITH PLUMBING CONTRACTOR.
8. 120V POWER AT DOOR FOR ADA POWER DOOR ASSIST OPERATOR. COORDINATE REQUIREMENTS WITH EQUIPMENT INSTALLER.
9. PROVIDE 120V POWER TO OVERHEAD DOOR OPERATOR. ROUTE 1/2" CONDUIT FROM OPERATOR TO DOOR CONTROLS FOR CONTROL WIRING. COORDINATE REQUIREMENTS WITH EQUIPMENT INSTALLER.
10. PROVIDE HARDWIRED CONNECTION TO PAINT BOOTH EXHAUST FAN. COORDINATE WITH EQUIPMENT INSTALLER. WORK SHALL BE PRICED SEPARATELY AS PART OF ALTERNATE #4.
11. (3) #12, #12G, 1/2" C BETWEEN INDOOR UNIT AND OUTDOOR HEAT PUMP UNIT 'HP-3'. SEE ME1.6 FOR HEAT PUMP LOCATION ON ROOF.
12. SPRING-WOUND DIAL-TIMER WITH 2-HOUR MAX TIME SETTING FOR CONTROL OF EXHAUST FAN ON ROOF. INTERMATIC #FF2H OR EQUAL.
13. 30A/3P NON-FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. MAKE FINAL CONNECTION TO EQUIPMENT IN 'LFMC' RACEWAY.
14. COMBINATION STARTERS, DIAL TIMER SWITCH, AND CONTROL RELAY FOR CONTROL OF WELDING EXHAUST FAN, PLASMA TORCH EXHAUST FAN, AND MAKE-UP AIR UNIT. SEE DETAIL 7, SHEET E6.1.
15. PROVIDE 480V/3PH COMBINATION MOTOR STARTER/NON-FUSED DISCONNECT SWITCH (NEMA SIZE AS INDICATED) FOR CONTROL OF EQUIPMENT. PROVIDE COMPLETE WITH 120V CONTROL TRANSFORMER, START/STOP PUSHBUTTONS, GREEN "RUN" PILOT LIGHT, AND SOLID STATE OVERLOADS, NEMA 1 ENCLOSURE. MAKE FINAL FLEXIBLE CONNECTION TO EQUIPMENT.
16. DISCONNECT SWITCH AND RECEPTACLE FOR KILN POWER. SEE DETAIL 2, SHEET E6.1.
17. RECEPTACLE FOR KILN EXHAUST FAN. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH KILN HOOD/EXHAUST SYSTEM INSTALLER. SEE DETAIL 2, SHEET E6.1 FOR MORE INFORMATION.
18. COUNTDOWN WALL TIMER FOR CONTROL OF KILN AND KILN EXHAUST FAN. SEE DETAIL 2, SHEET E6.1.



1 POWER PLAN - AREA 1
1/8" = 1'-0"



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SEE SHEET E1.3 FOR GENERAL POWER NOTES



1. COORDINATE EXACT MOUNTING LOCATION OF DRINKING FOUNTAIN RECEPTACLE WITH PLUMBING CONTRACTOR. WIRE FROM LOAD SIDE OF ADJACENT GFI RECEPTACLE TO PROVIDE GFI PROTECTION FOR DRINKING FOUNTAIN RECEPTACLE.
 2. RECONNECT EXISTING CIRCUIT(S) SERVICE RECEPTACLES IN THIS ROOM TO NEW PANEL 'LP1'.
 3. PROVIDE CORD DROP PER DETAIL 5, SHEET E6.1.
 4. RELAYS AND CONTACTORS FOR CONTROL OF KILN AND ASSOCIATED EXHAUST. SEE DETAIL 2, SHEET E6.1.
 5. EXISTING ELECTRICAL PANELS TO BE USED FOR NEW CIRCUITS IN ENTRY 101 AND HALL 102.
 6. 60A/2P NON-FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. ROUTE CIRCUIT FROM SWITCH TO EQUIPMENT IN GALVANIZED 'RMC' RACEWAY SUPPORTED ABOVE GRADE TO EDGE OF UNIT, THEN TRANSITION TO 'LFMC' RACEWAY FOR FINAL CONNECTION.
 7. ROUTE 120V CIRCUIT FOR HOT WATER RECIRCULATION PUMP (HWP) THROUGH ADJACENT AQUASTAT. PROVIDE 20A/1P SNAP SWITCH ADJACENT TO PUMP AND MAKE FINAL FLEXIBLE CONNECTION. COORDINATE WITH PLUMBING CONTRACTOR.
 8. 120V POWER AT DOOR FOR ADA POWER DOOR ASSIST OPERATOR. COORDINATE REQUIREMENTS WITH EQUIPMENT INSTALLER.
 9. PROVIDE 120V POWER TO OVERHEAD DOOR OPERATOR. ROUTE 1/2" CONDUIT FROM OPERATOR TO DOOR CONTROLS FOR CONTROL WIRING. COORDINATE REQUIREMENTS WITH EQUIPMENT INSTALLER.
 10. PROVIDE HARDWIRED CONNECTION TO PAINT BOOTH EXHAUST FAN. COORDINATE WITH EQUIPMENT INSTALLER. WORK SHALL BE PRICED SEPARATELY AS PART OF ALTERNATE A4.
 11. (3) #12, #12G, 1/2" C BETWEEN INDOOR UNIT AND OUTDOOR HEAT PUMP UNIT 'HP-3' SEE ME1.6 FOR HEAT PUMP LOCATION ON ROOF.
 12. SPRING-WOUND DIAL-TIMER WITH 2-HOUR MAX TIME SETTING FOR CONTROL OF EXHAUST FAN ON ROOF. INTERMATIC #FF2H OR EQUAL.
 13. 30A/3P NON-FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. MAKE FINAL CONNECTION TO EQUIPMENT IN 'LFMC' RACEWAY.
 14. COMBINATION STARTERS, DIAL TIMER SWITCH, AND CONTROL RELAY FOR CONTROL OF WELDING EXHAUST FAN, PLASMA TORCH EXHAUST FAN, AND MAKE-UP AIR UNIT. SEE DETAIL 7, SHEET E6.1.
 15. PROVIDE 480V/3PH COMBINATION MOTOR STARTER/NON-FUSED DISCONNECT SWITCH (NEMA SIZE AS INDICATED) FOR CONTROL OF EQUIPMENT. PROVIDE COMPLETE WITH 120V CONTROL TRANSFORMER, START/STOP PUSHBUTTONS, GREEN RUN PILOT LIGHT, AND SOLID STATE OVERLOADS, NEMA 1 ENCLOSURE. MAKE FINAL FLEXIBLE CONNECTION TO EQUIPMENT.
 16. DISCONNECT SWITCH AND RECEPTACLE FOR KILN POWER. SEE DETAIL 2, SHEET E6.1.
 17. RECEPTACLE FOR KILN EXHAUST FAN. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH KILN HOOD/EXHAUST SYSTEM INSTALLER. SEE DETAIL 2, SHEET E6.1. FOR MORE INFORMATION.
 18. COUNTDOWN WALL TIMER FOR CONTROL OF KILN AND KILN EXHAUST FAN. SEE DETAIL 2, SHEET E6.1.

USD 321 - KAW VALLEY SCHOOLS	CTE RENOVATION	KANSAS
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REVISION:
1 ADDENDUM 1 8/14/2025

DATE: 7-18-2025

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GENERAL TELECOMMUNICATIONS NOTES

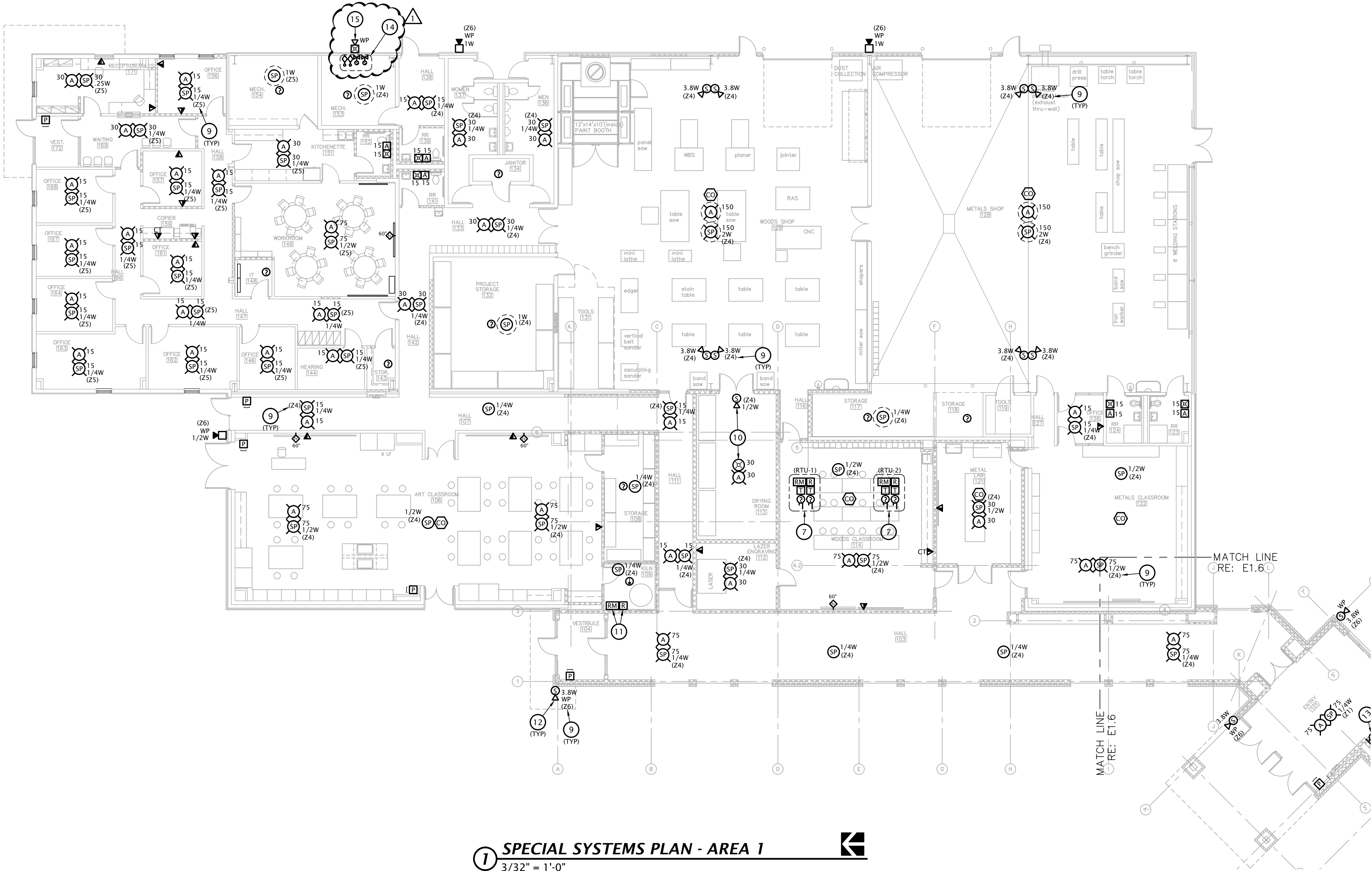
- A. PROVIDE THE FOLLOWING FOR TELECOMMUNICATIONS OUTLET TYPES INDICATED:
- VOICE/DATA OUTLET: 4" SQUARE x 2-1/8" DEEP BOX WITH 1-GANG DEVICE RING AND 1" CONDUIT TO ABOVE ACCESSIBLE CEILING.
 - ◆ TV OUTLET: 4-11/16" SQUARE x 3-1/4" DEEP BOX (RACO #260 OR EQUAL) WITH 2-GANG DEVICE RING AND (1) 1-1/2" CONDUIT TO ABOVE ACCESSIBLE CEILING.
- B. PROVIDE NYLON BUSHINGS FOR ALL CONDUIT ENDS NOT CONNECTED TO A BOX OR FITTING TO PROTECT CABLING FROM DAMAGE.
- C. CONDUITS FROM EACH OUTLET SHALL BE STUBBED 2" ABOVE THE FINISHED CEILINGS IN AREAS WITH ACCESSIBLE TILES. IN AREAS WITH OPEN CEILINGS, STUB CONDUIT INTO STRUCTURAL JOIST SPACE.
- D. MOUNT OUTLETS AT 18" AFF, UNLESS NOTED OTHERWISE.
- E. PROVIDE BLANK, STAINLESS STEEL COVER PLATES FOR ALL OUTLETS NOT ACTIVATED BY OWNER.
- F. PROVIDE SUITABLE PULL STRING IN ALL CONDUITS.
- G. ALL TELECOMMUNICATIONS AND A/V CABLING, JACKS, CONNECTORS, TERMINATIONS, EQUIPMENT AND TESTING SHALL BE PROVIDED BY OWNER.

GENERAL FIRE ALARM/MNS NOTES

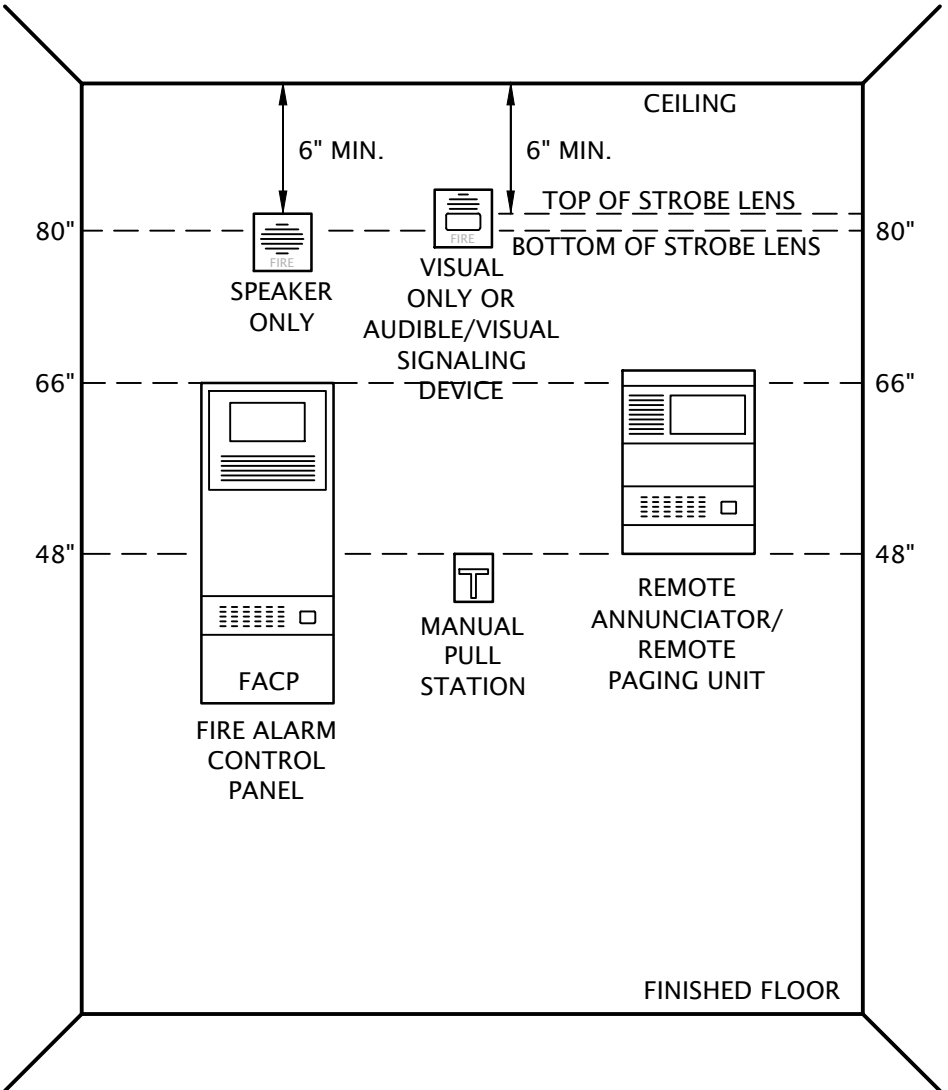
- A. THIS FACILITY SHALL BE PROVIDED WITH A NEW ADDRESSABLE FIRE ALARM/MASS NOTIFICATION SYSTEM TO REPLACE THE EXISTING FIRE ALARM SYSTEM. EXISTING SYSTEM SHALL REMAIN IN SERVICE UNTIL NEW SYSTEM IS INSTALLED AND OPERATIONAL.
- B. ALL FIRE ALARM DEVICES AND EQUIPMENT SHALL BE NEW. REUSE OF EXISTING SYSTEM DEVICES AND EQUIPMENT IS PROHIBITED.
- C. ALL FIRE ALARM CABLING SHALL BE INSTALLED IN CONDUIT. CABLING MAY BE INSTALLED WITHOUT CONDUIT ONLY ABOVE ACCESSIBLE CEILINGS IF CABLE IS PLENUM RATED AND SECURELY SUPPORTED FROM STRUCTURE, AND WHERE FISHED THROUGH EXISTING WALLS.
- D. CONDUIT INSTALLED OVERHEAD IN OCCUPIED/FINISHED SPACES WITH EXPOSED/OPEN CEILINGS SHALL BE PAINTED TO MATCH ADJACENT SURFACE.
- E. EXISTING FIRE ALARM AND INTERCOM SYSTEMS SHALL REMAIN OPERATIONAL UNTIL NEW FIRE ALARM/MNS SYSTEM INSTALLATION IS COMPLETE. ONCE NEW FIRE ALARM/MNS SYSTEM IS FULLY OPERATIONAL, EXISTING FIRE ALARM AND INTERCOM SYSTEMS SHALL BE REMOVED IN THEIR ENTIRETY.
- F. WHERE EXISTING FIRE ALARM AND INTERCOM DEVICES ARE REMOVED AND ASSOCIATED JUNCTION BOXES ARE RECESSED FLUSH IN EXISTING WALLS, PROVIDE BLANK STAINLESS STEEL COVER PLATES OVER RECESSED BOXES AND PAINT TO MATCH ADJACENT SURFACE.
- G. REMOVE ALL SURFACE MOUNTED RACEWAY AND BOXES FOR ALL FIRE ALARM AND INTERCOM DEVICES THAT ARE REMOVED. PATCH WALLS IN FINISHED/OCCUPIED SPACES AND PAINT SURFACES TO MATCH ADJACENT SURFACE.
- H. WHERE FIRE ALARM AND INTERCOM DEVICES ARE REMOVED FROM SUSPENDED ACOUSTICAL CEILINGS, REPLACE CEILING TILE WITH NEW TO MATCH.
- I. REPLACE ALL CEILING TILES THAT ARE BROKEN OR DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.
- J. PROVIDE FIRE WATCH AS REQUIRED PER NFPA FOR AFFECTED AREAS OF BUILDING DURING TIMES WHEN PORTIONS OF THE EXISTING FIRE ALARM SYSTEM MUST BE TAKEN OUT OF SERVICE FOR SWITCHOVER, ETC., AND NEW SYSTEM IS NOT YET OPERATIONAL.
- K. PROVIDE WIRE GUARDS FOR ALL SPEAKER/STROBES, MNS AMBER STROBES, AND REENTRANT HORN SPEAKERS IN GYMNASIUM.
- L. COORDINATE LOCATIONS OF AUDIO CIRCUIT AMPLIFIER CABINETS AND NOTIFICATION APPLICANCE CIRCUIT (NAC) EXTENDER CABINETS WITH FIRE ALARM SHOP DRAWINGS AND OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. PROVIDE DEDICATED 120V CIRCUIT(S) AS REQUIRED FOR EACH CABINET. 120V POWER CIRCUITS TO FIRE ALARM CONTROL PANEL, NAC CABINETS, AUDIO AMPLIFIER CABINETS, ETC, SHALL BE UNSWITCHED AND SHALL CONSIST OF (2)#12, #12G, 1/2"C.
- M. SURFACE RACEWAY SHALL ONLY BE INSTALLED ON EXISTING WALLS AND HARD CEILINGS WHERE WIRING CANNOT BE INSTALLED CONCEALED (I.E. CONCRETE, BRICK, CMU, ETC). OBTAIN APPROVAL FROM OWNER PRIOR TO EACH OCCURRENCE WHERE SURFACE RACEWAY IS INSTALLED. SURFACE RACEWAY SHALL BE STEEL, SINGLE CHANNEL TYPE, IVORY COLORED, COMPLETE WITH ALL ELBOWS, BOXES, SUPPORTS, COVERS, ETC. AS REQUIRED. WIREMOLD #500 SERIES OR EQUAL. PAINT ALL SURFACE RACEWAY AFTER INSTALLATION TO MATCH ADJACENT SURFACE.
- N. PROVIDE VOIP TELEPHONE INTERFACE DEVICE TO ALLOW FOR ONE-WAY PAGING FROM EXISTING BUILDING VOIP TELEPHONES OVER FA/MNS SPEAKER SYSTEM. PROVIDE COMPLETE WITH ALL REQUIRED SIGNAL STABILIZATION DEVICES AND ACCESSORIES AS REQUIRED.
- O. PROVIDE "BELLCOMMANDER" SYSTEM BY ACROVISTA OR EQUAL FOR PROGRAMMING OF CLASS CHANGE BELLS/TONES TO SOUND THROUGH FA/MNS SYSTEM SPEAKERS. PROVIDE CORRESPONDING SOFTWARE FOR PROGRAMMING OF CLASS CHANGE BELLS/TONES ALONG WITH ALL REQUIRED RELAY CONTROLLERS, CONTACT CLOSURE DEVICES, ETC., AS REQUIRED FOR COMPLETE INSTALLATION.

SPECIAL SYSTEMS PLAN NOTES BY SYMBOL

- ELECTROMAGNETIC DOOR HOLDERS MAY BE REUSED IF IN GOOD WORKING CONDITION. OTHERWISE, REPLACE WITH NEW. WIRE DOOR HOLDERS TO 24V-dc POWER, SUPPLIED AND CONTROLLED FROM FACP.
- PROVIDE SURFACE BACKBOX FOR MOUNTING ON OPEN CEILINGS FOR NOTIFICATION DEVICES SHOWN WITH A DASHED CIRCLE.
- COORDINATE EXACT LOCATION OF REMOTE ANNUNCIATOR/PAGING UNIT PANEL WITH OWNER AND AHJ PRIOR TO INSTALLATION.
- PROVIDE ADDRESSABLE RELAY MODULE AND RELAY FOR SHUT-DOWN OF AUDIO SYSTEM. INTERCEPT EXISTING 120V CIRCUIT POWERING AUDIO EQUIPMENT AND ROUTE THROUGH RELAY.
- PROVIDE (2) 4-PAIR, CATEGORY 6 UTP. PLENUM RATED, NEC TYPE "CMP" CABLES (SUPERIOR ESSEX "SERIES 77" OR EQUAL) IN 3/4" CONDUIT FROM FACP TO MDF ROOM FOR VOIP CONNECTION TO FA SYSTEM DACT FOR REMOTE MONITORING.
- REPLACE ALL ADDRESSABLE MONITORING MODULES FOR EXISTING FIRE SPRINKLER RISER TAMPER AND FLOW SWITCHES. VERIFY EXACT QUANTITY AND LOCATIONS.
- SUPPLY AND RETURN AIR DUCT SMOKE DETECTORS FOR ROOFTOP UNIT INDICATED ARE TO BE FURNISHED AND WIRED TO FACP BY FIRE ALARM CONTRACTOR. INSTALLED IN DUCT BY MECHANICAL CONTRACTOR. PROVIDE REMOTE TEST/INDICATOR LIGHTS FLUSH IN CEILING BELOW EQUIPMENT. PROVIDE FIRE ALARM RELAY FOR SHUT-DOWN OF HVAC UNIT UPON DETECTION OF SMOKE. LOCATE RELAY WITHIN 5' OF HVAC EQUIPMENT AND PROVIDE CONDUIT WITH PULL STRING FROM RELAY TO EQUIPMENT. UNIT SHUT DOWN CONTROL WIRING SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.
- PROVIDE DEDICATED 120V CIRCUIT FOR FIRE ALARM CONTROL PANEL FROM ADJACENT ELECTRICAL PANEL "EP2".
- ZONE NUMBER (Z#) INDICATED IS FOR ZONING OF SPEAKERS FOR PURPOSES OF SCHEDULED BELLS/TONES AND ONE-WAY GENERAL PAGING FROM RPS OR BUILDING TELEPHONES.
- SPEAKER AND STROBES IN DRYING ROOM SHALL BE LISTED FOR USE IN CLASS 1, DIVISION 2 HAZARDOUS LOCATION.
- FIRE ALARM RELAYS FOR KILN POWER SHUT-DOWN. SEE DETAIL 2, SHEET E6.1.
- MOUNT REENTRANT HORN LOUDSPEAKER ON WALL AT HEIGHT ABOVE SUSPENDED CEILING ON INTERIOR SIDE OF BUILDING. PENETRATE THROUGH EXTERIOR WALL TO WEATHERPROOF JUNCTION BOX. THEN MAKE FINAL WEATHERPROOF FLEXIBLE CONNECTION TO HORN SPEAKER.
- PROVIDE ELECTROMAGNETIC DOOR HOLDER WIRED TO 24V-dc POWER FROM FIRE ALARM CONTROL PANEL. DOORS SHALL RELEASE UPON DETECTION OF SMOKE.
- PROVIDE FIRE ALARM RELAYS AND MONITORING MODULES FOR ALL FIRE SPRINKLER FLOW SWITCHES AND TAMPER SWITCHES. COORDINATE QUANTITIES AND LOCATIONS WITH FIRE SPRINKLER CONTRACTOR.
- PROVIDE WEATHERPROOF HORN/STROBE ON EXTERIOR TO ACTIVATE UPON FIRE SPRINKLER WATER FLOW.



SPECIAL SYSTEMS PLAN - AREA 1
3/32" = 1'-0"



DEVICE MOUNTING HEIGHTS

No Scale

SYSTEM SPEAKER ZONING
ZONE 1: HIGH SCHOOL
ZONE 2: JR HIGH SCHOOL
ZONE 3: ATHLETICS
ZONE 4: CTE/ART
ZONE 5: SPECIAL SERVICES
ZONE 6: EXTERIOR/SITE

KEY PLAN

USD 321 - KAW VALLEY SCHOOLS

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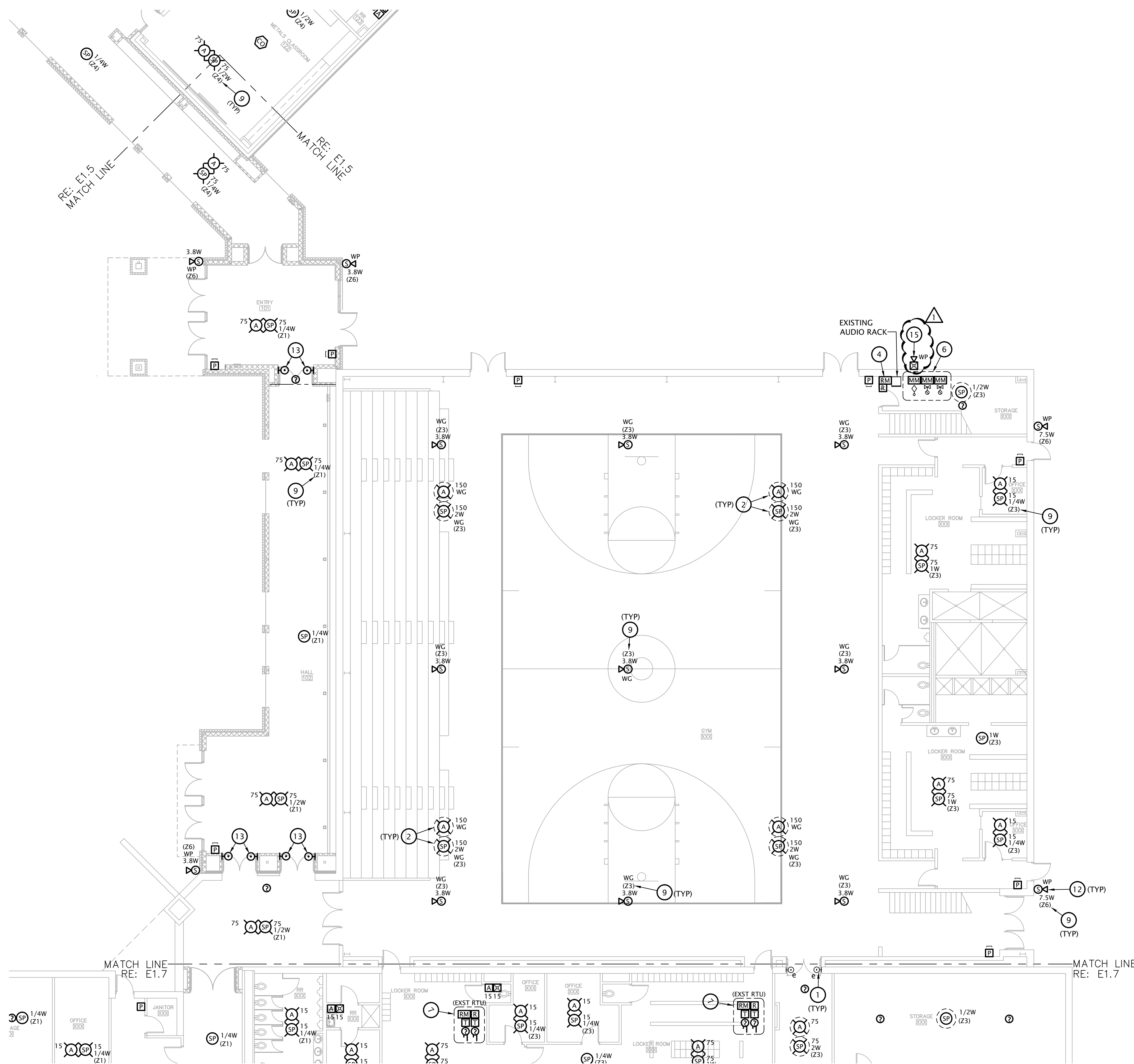
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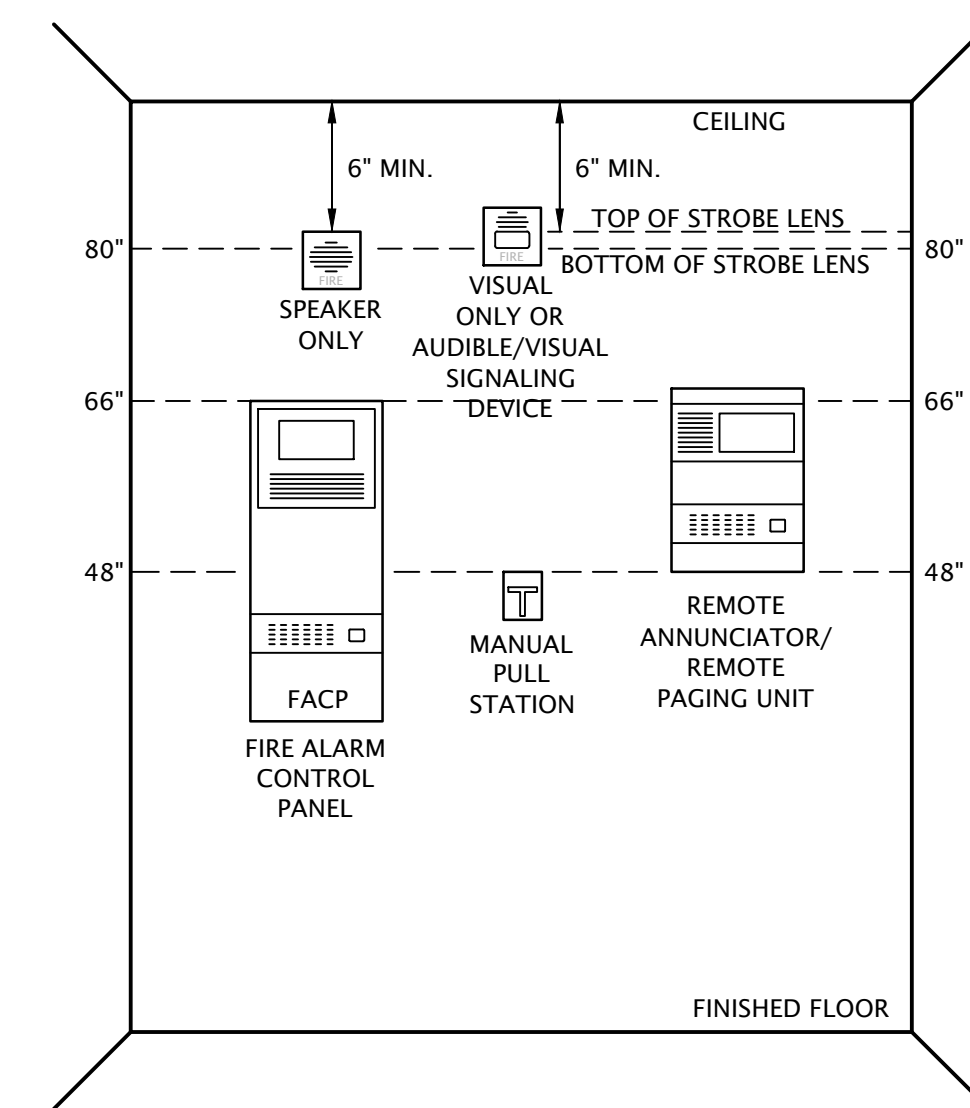


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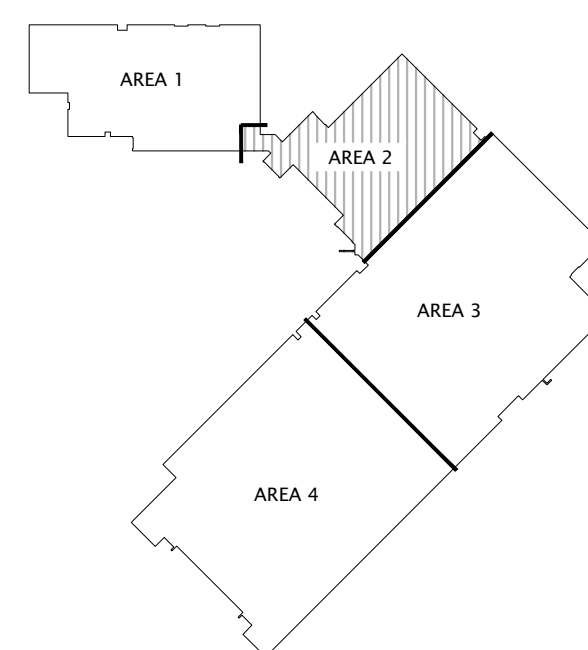
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1 SPECIAL SYSTEMS PLAN - AREA 2
3/32" = 1'-0"



② *DEVICE MOUNTING HEIGHTS*



KEY PLAN

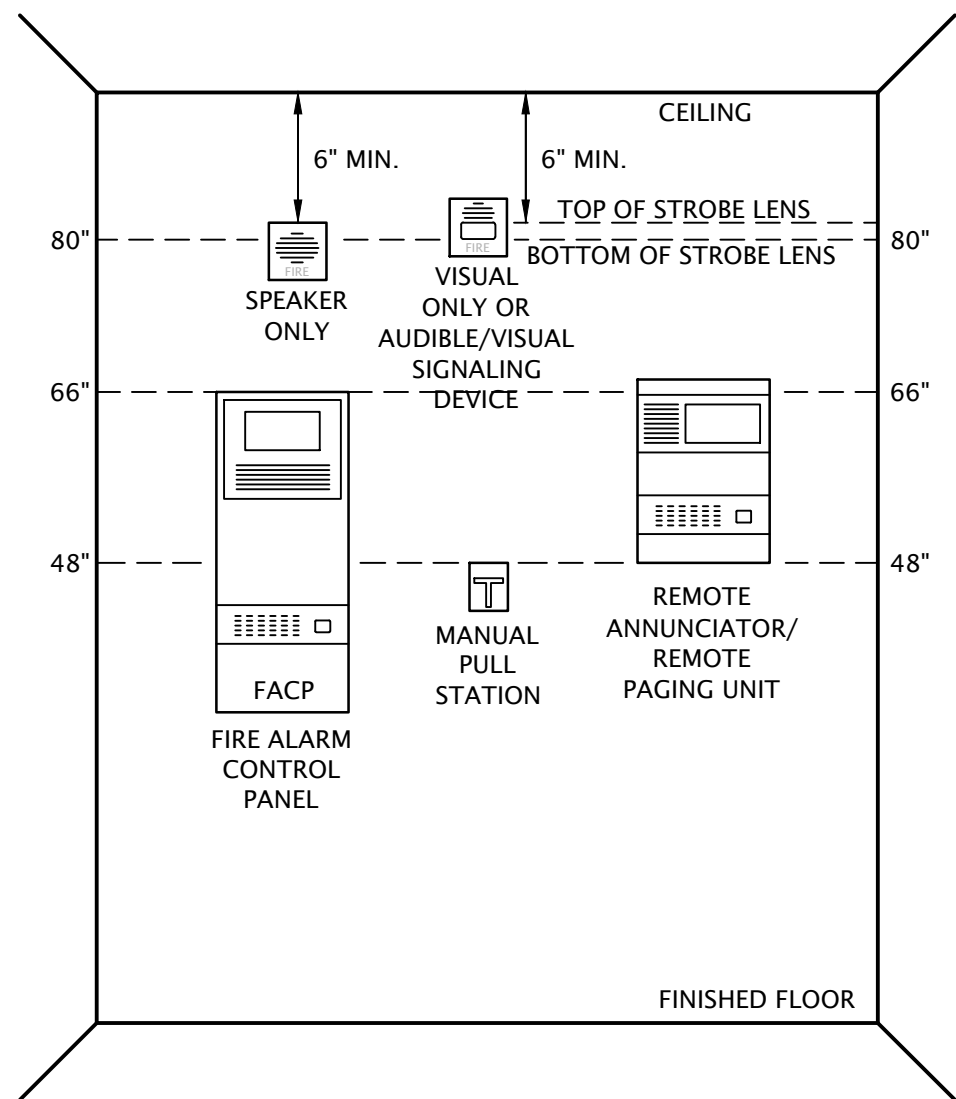


SYSTEM SPEAKER ZONING
ZONE 1: HIGH SCHOOL
ZONE 2: JR HIGH SCHOOL
ZONE 3: ATHLETICS
ZONE 4: CTE/ART
ZONE 5: SPECIAL SERVICES
ZONE 6: EXTERIOR/SITE

REFER TO SHEET E1.5 FOR
GENERAL TELECOMMUNICATIONS
AND FIRE ALARM NOTES.

SPECIAL SYSTEMS PLAN NOTES BY SYMBOL

- ELECTROMAGNETIC DOOR HOLDERS MAY BE REUSED IF IN GOOD WORKING CONDITION. OTHERWISE, REPLACE WITH NEW. WIRE DOOR HOLDERS TO 24V-dc POWER, SUPPLIED AND CONTROLLED FROM FACP.
- PROVIDE SURFACE BACKBOX FOR MOUNTING ON OPEN CEILINGS FOR NOTIFICATION DEVICES SHOWN WITH A DASHED CIRCLE.
- COORDINATE EXACT LOCATION OF REMOTE ANNUNCIATOR/PAGING UNIT PANEL WITH OWNER AND AHJ PRIOR TO INSTALLATION.
- PROVIDE ADDRESSABLE RELAY MODULE AND RELAY FOR SHUT-DOWN OF AUDIO SYSTEM. INTERCEPT EXISTING 120V CIRCUIT POWERING AUDIO EQUIPMENT AND ROUTE THROUGH RELAY.
- PROVIDE (2) 4-PAIR, CATEGORY 6 UTP, PLENUM RATED, NEC TYPE 'CMP' CABLES (SUPERIOR ESSEX 'SERIES 77' OR EQUAL) IN 3/4" CONDUIT FROM FACP TO MDF ROOM FOR VOIP CONNECTION TO FA SYSTEM DACT FOR REMOTE MONITORING.
- REPLACE ALL ADDRESSABLE MONITORING MODULES FOR EXISTING FIRE SPRINKLER RISER TAMPER AND FLOW SWITCHES. VERIFY EXACT QUANTITY AND LOCATIONS.
- SUPPLY AND RETURN AIR DUCT SMOKE DETECTORS FOR ROOFTOP UNIT INDICATED ARE TO BE FURNISHED AND WIRED TO FACP BY FIRE ALARM CONTRACTOR. INSTALLED IN DUCT BY MECHANICAL CONTRACTOR. PROVIDE REMOTE TEST/INDICATOR LIGHTS FLUSH IN CEILING BELOW EQUIPMENT. PROVIDE FIRE ALARM RELAY FOR SHUT-DOWN OF HVAC UNIT UPON DETECTION OF SMOKE. LOCATE RELAY WITHIN 5' OF HVAC EQUIPMENT AND PROVIDE CONDUIT WITH PULL STRING FROM RELAY TO EQUIPMENT. UNIT SHUT DOWN CONTROL WIRING SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.
- PROVIDE DEDICATED 120V CIRCUIT FOR FIRE ALARM CONTROL PANEL FROM ADJACENT ELECTRICAL PANEL 'EP2'.
- ZONE NUMBER (Z#) INDICATED IS FOR ZONING OF SPEAKERS FOR PURPOSES OF SCHEDULED BELLS/TONES AND ONE-WAY GENERAL PAGING FROM RPS OR BUILDING TELEPHONES.
- SPEAKER AND STROBES IN DRYING ROOM SHALL BE LISTED FOR USE IN CLASS 1, DIVISION 2 HAZARDOUS LOCATION.
- FIRE ALARM RELAYS FOR KILN POWER SHUT-DOWN. SEE DETAIL 2, SHEET E6.1.
- MOUNT REENTRANT HORN LOUDSPEAKER ON WALL AT HEIGHT ABOVE SUSPENDED CEILING ON INTERIOR SIDE OF BUILDING. PENETRATE THROUGH EXTERIOR WALL TO WEATHERPROOF JUNCTION BOX. THEN MAKE FINAL WEATHERPROOF FLEXIBLE CONNECTION TO HORN SPEAKER.
- PROVIDE ELECTROMAGNETIC DOOR HOLDER WIRED TO 24V-dc POWER FROM FIRE ALARM CONTROL PANEL. DOORS SHALL RELEASE UPON DETECTION OF SMOKE.
- PROVIDE FIRE ALARM RELAYS AND MONITORING MODULES FOR ALL FIRE SPRINKLER FLOW SWITCHES AND TAMPER SWITCHES. COORDINATE QUANTITIES AND LOCATIONS WITH FIRE SPRINKLER CONTRACTOR.
- PROVIDE WEATHERPROOF HORN/STROBE ON EXTERIOR TO ACTIVATE UPON FIRE SPRINKLER WATER FLOW.



2 DEVICE MOUNTING HEIGHTS

No Scale

SYSTEM SPEAKER ZONING
ZONE 1: HIGH SCHOOL
ZONE 2: JR HIGH SCHOOL
ZONE 3: ATHLETICS
ZONE 4: CTE/ART
ZONE 5: SPECIAL SERVICES
ZONE 6: EXTERIOR/SITE

KEY PLAN



USD 321 - KAW VALLEY SCHOOLS

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WOOD SHOP EQUIPMENT ELECTRICAL CONNECTION SCHEDULE

Tag #	Item Description	Manufacturer / Model Number	Voltage - Phase	Load (VA)	Type of Connection	Mounting Height (AFF)	Remarks
W1	MINI LATHE	PSI WOODWORKING	120V-1Ph	600	NEMA 5-20R	36"	(2)
W3	VERTICAL BELT SANDER	---	120V-1Ph	1680	NEMA 5-20R	36"	(2)
W9	OSCILLATING (SPINDLE) SANDER	GRIZZLY MODEL G1071	120V-1Ph	1440	NEMA 5-20R	36"	.
W10	RADIAL ARM SAW	B&D DEWALT MODEL 3526-80	208V-3Ph	6320	HARDWIRED	ON EQPM	(1)
W11	SHAPER	ROCKWELL DELTA	120V-1Ph	1440	NEMA 5-20R	36"	.
W12	SHAPER	POWERMATIC MODEL 23	120V-1Ph	1440	NEMA 5-20R	36"	.
W13	OSCILLATING EDGE SANDER	DELTA INDUSTRIAL MODEL 31-396	208V-1Ph	3672	NEMA 6-20R	36"	(2)
W14	14" BANDSAW	ROCKWELL MODEL 28-2CQ	120V-1Ph	1200	NEMA 5-20R	36"	.
W15	CNC MACHINE	--	480V-3Ph 120V-1Ph	6066 800	HARDWIRED NEMA 5-20R	48" 18"	(1) (2)
W17	VERTICAL PANEL SAW	SKIL CORP. MODEL 5860-T2-78	120V-1Ph	1560	NEMA 5-20R	48"	.
W18	37" WIDE-BELT SANDER	GRIZZLY MODEL G0446	480V-3Ph	16869	HARDWIRED	VERIFY	(1)
W20	10" CABINET SAW	SAWSTOP IC531230	208V-1Ph	2704	NEMA L6-20R	48"	(2)
W22	JOINTER	DELTA DJ-20 MODEL 37-680X	208V-1Ph	2080	NEMA 6-20R	48"	(2)
W23	SHAPER	DELTA	208V-1Ph	2080	NEMA 6-20R	36"	
W24	SHAPER	DELTA INDUSTRIAL	208V-1Ph		NEMA L6-30R	36"	
W25	10" CABINET SAW	SAWSTOP PCS31230	208V-1Ph	2704	NEMA 6-20R	48"	(2)
W27	14" BANDSAW	ROCKWELL MODEL 28-200	120V-1Ph	960	NEMA 5-20R	36"	.
W28	24" PLANER	DELTA MODEL 22-470	480V-3Ph	6316	HARDWIRED	60"	(1) (3)
W29	12" COMPOUND MITRE SAW	DEWALT MODEL DWS780	120V-1Ph	1000	NEMA 5-20R	36"	.
W30	MITRE SAW	MILWAUKEE	120V-1Ph	1000	NEMA 5-20R	36"	.

GENERAL NOTES:

- Hardwired connections shall be made with LFMC with insulated ground wire bonded at both ends.
- Verify all equipment requirements (including those scheduled) with equipment installer prior to rough-in.
- Mounting heights shown in this schedule are for bidding purposes only. Coordinate exact heights with installer.

REMARKS:

(1) Provide 30A/3P non-fused disconnect switch in NEMA 1 enclosure.

(2) Provide cord drop per detail 5, sheet E6.1.

(3) Mount disconnect switch to unistrut support frame extending from floor to roof structure.

METAL SHOP EQUIPMENT ELECTRICAL CONNECTION SCHEDULE

Tag #	Item Description	Manufacturer / Model Number	Voltage - Phase	Load (VA)	Type of Connection	Mounting Height (AFF)	Remarks
M1	MITRE BAND SAW	ELLIS MODEL 1600	120V-1Ph	1536	NEMA 5-20R	36"	
M2	WELDER	MILLER 251/252	208V-1Ph	9984	NEMA 6-50R	36"	
M3	IRONWORKER	SCOTCHMAN MODEL 314 H102279	208V-3Ph	3960	NEMA L15-20R	36"	
M4	CNC PLASMA CUTTER	PLASMA CAM INC. MODEL DHC ²	480V-3Ph	2080	HARDWIRED	48"	(1)
M5	DRILL PRESS	POWERMATIC	480V-3Ph	2330	NEMA L16-20R	48"	
M9	3/4 HP BENCH GRINDER	SEARS CRAFTSMAN	120V-1Ph	1000	NEMA 5-20R	36"	
M10	CHOP SAW	BRILLIANT	208V-1Ph	2080	NEMA L6-20	48"	

GENERAL NOTES:

- Hardwired connections shall be made with LFMC with insulated ground wire bonded at both ends.
- Verify all equipment requirements (including those scheduled) with equipment installer prior to rough-in.
- Mounting heights shown in this schedule are for bidding purposes only. Coordinate exact heights with installer.

REMARKS:

(1) Provide 30A/3P non-fused disconnect switch in NEMA 1 enclosure.

LIGHT FIXTURE SCHEDULE								
MARK	MANUF.	MODEL NUMBER	LAMP DATA	DRIVER	MOUNTING	FINISH	DESCRIPTION	NOTES
A1	DAY-BRITE CFI	2SBP3050L8DS-4-UNV-DIM	27W LED 3,448 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2x4 SELECTABLE BACK-LIT FLAT PANEL	.
A2	DAY-BRITE CFI	2SBP3050L8DS-4-UNV-DIM	39W LED 4,814 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2x4 SELECTABLE BACK-LIT FLAT PANEL	.
A3	DAY-BRITE CFI	2SBP3050L8DS-4-UNV-DIM	51W LED 6,073 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2x4 SELECTABLE BACK-LIT FLAT PANEL	.
B	DAY-BRITE CFI	LBX-55L-840-UNV-W LBX-HANGER BKT; LBX-LVR4	41W LED 5,700 LUMEN	0-10V DIMMING	SURFACE	WHITE	4' LINEAR INDUSTRIAL, WIDE DISTRIBUTION, LOUVER	.
D	LIGHTOUIER	CR6RLMCCT	7W LED 700 LUMEN	0-10V DIMMING	RECESSED IN CEILING	WHITE	6" ROUND DOWNLIGHT, ALUMINUM WHITE PAINTED FLANGE	.
E	LIFE SAFETY LIGHTING	LSLEDM7W	(2) 1.0W LED HEADS	N/A	FLUSH IN CEILING	WHITE	TWIN HEAD EMERGENCY LIGHT WITH INTEGRAL BATTERY BACKUP	2
E1	LIFE SAFETY LIGHTING	LSHPMWSDT	(2) 5W LED HEADS	N/A	SURFACE	WHITE	HIGH OUTPUT TWIN HEAD EMERGENCY LIGHT WITH INTEGRAL BATTERY BACKUP	2
F	DAY-BRITE CFI	SDS-4-2550L-CST-UNV-DIM	36W LED 5,000 LUMEN	0-10V DIMMING	SURFACE	WHITE	4' LENSED STRIP WITH SELECTABLE LUMEN OUTPUT	.
G	LIGHTWAY	VTEV-24-LED-O2B-4-W2-WSA	15W LED 2,000 LUMEN	STANDARD	WALL AT 7'-6" AFF	WHITE	2" WALL BRACKET WITH MATTE WHITE ACRYLIC DIFFUSER, STEEL BODY AND END CAPS	.
H	HIGH5LED	HSUN-4-G-5-A-I-R-ND-5Y	50W LED 6,400 LUMEN	STANDARD	SURFACE BRACKET	GRAY	4' LINEAR EXPLOSION PROOF HAZARDOUS LOCATION FIXTURE, FLAT TEMPERED GLASS LENS	.
K16	LEDALITE	7608LAGQN167DEW	88W LED 9,200 LUMEN	0-10V DIMMING	WALL AT 10'-0" AFF	WHITE	16' LINEAR DIRECT/INDIRECT (65% UP / 35% DOWN), 575 LUMENS/FT, GLARE-FREE ACRYLIC LENS, DIE-CAST ALUMINUM END CAPS	5
K20	LEDALITE	7608LAGQN207DEW	110W LED 11,500 LUMEN	0-10V DIMMING	WALL AT 9'-1" AFF	WHITE	20' LINEAR DIRECT/INDIRECT (65% UP / 35% DOWN), 575 LUMENS/FT, GLARE-FREE ACRYLIC LENS, DIE-CAST ALUMINUM END CAPS	5
K80	LEDALITE	7608LAGQN807DEW	440W LED 46,000 LUMEN	0-10V DIMMING	WALL AT 9'-1" AFF	WHITE	80' LINEAR DIRECT/INDIRECT (65% UP / 35% DOWN), 575 LUMENS/FT, GLARE-FREE ACRYLIC LENS, DIE-CAST ALUMINUM END CAPS	5
L	GARDCO	101L-16L-700-NW-G2-2-UNV-BK	38W LED 4,658 LUMEN	STANDARD	WALL, HEIGHT AS NOTED ON PLANS	BLACK	ARCHITECTURAL CAST ALUMINUM WALL PACK, IES TYPE 2 DISTRIBUTION, B1-U0-G1 BUG RATING	4,7
R1	GARDCO	OPF-M-A10-840-T2M-UNV	112W LED 20,357 LUMEN	\k0-10V DIMMING	POLE	BLACK	\kLED AREA LIGHT, SINGLE HEAD WITH IES TYPE II DISTRIBUTION	4,6
R2	GARDCO	OPF-M-A10-840-T3M-UNV	112W LED 20,195 LUMEN	\k0-10V DIMMING	POLE	BLACK	LED AREA LIGHT, SINGLE HEAD WITH IES TYPE III DISTRIBUTION	\k4,6
R3	GARDCO	OPF-M-A10-840-T5W-UNV	112W LED 20,169 LUMEN	\k0-10V DIMMING	POLE	BLACK	LED AREA LIGHT, SINGLE HEAD WITH IES TYPE IV DISTRIBUTION	\k4,6
X1/X2	LIFE SAFETY LIGHTING	LSXS-2-R-W-EM-SDT	RED LED	N/A	UNIVERSAL	WHITE	UNIVERSAL SINGLE/DOUBE FACE EXIT, THERMOPLASTIC HOUSING	1,2
XR	LIFE SAFETY LIGHTING	LSRHLED-2-SDT-WP-MV-B-HL	RED LED (2) 1.5W HEADS	N/A	UNIVERSAL	WHITE BLACK	SINGLE FACE EXIT WITH REMOTE BATTERY CAPACITY AND EXTERIOR WEATHERPROOF REMOTE DUAL HEADS	1,2,3
GENERAL: - All LED's shall be 4000 K correlated color temperature, minimum 80 CRI. - All light fixtures shall be provided with universal drivers capable of operating at 120V or 277V UNO. - Fixtures shown half-shaded or noted with 'EM' shall be provided with an emergency battery to operate fixtures for a minimum of 90 minutes upon loss of normal power								
NOTES: - Fixture shall be capable of wall or ceiling mount applications and shall have break-out directional chevrons. - Provide with emergency battery integral charger and self-diagnostic/self-testing electronics. - Install remote head on exterior wall above door and connect to unit per manufacturer's instructions. - U.L. listed for 'wet location' - Field connect 4" and 8" lengths as required to make continuous run. - Provide fixture/pole assembly with 25' round straight pole. Coordinate color with architect. - Provide with manufacturer's surface mounted backbox where mounting fixture on existing wall where junction box cannot be recessed flush.								

OCCUPANCY SENSOR AND DIMMER DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	SENSOR TYPE	COVERAGE	MOUNTING	DESCRIPTION	APPROVED EQUAL MANUFACTURERS	NOTES
\$ ^D	SENSORWORX	SWX-823	N/A	N/A	WALL AT 46" AFF	LINE VOLTAGE WALL SWITCH WITH 0-10V DIMMING, 800W @ 120V	LEGRAND; SENSORSWITCH; CURRENT HLI	1
\$ ^{OSD}	SENSORWORX	SWX-123-D	DUAL TECHNOLOGY (PIR + ACOUSTIC)	20' @ 180° 625 SF	WALL AT 46" AFF	LINE VOLTAGE WALL SWITCH VACANCY SENSOR WITH 0-10V DIMMING, 800W @ 120V	WATTSTOPPER; SENSORSWITCH; CURRENT HLI	1
\$ ^{OS}	SENSORWORX	SWX-103	PASSIVE INFRARED (PIR)	20' @ 180° 625 SF	WALL AT 46" AFF	LINE VOLTAGE WALL SWITCH VACANCY SENSOR, RATED 800W @ 120V, 1200W @ 277V	WATTSTOPPER; SENSORSWITCH; CURRENT HLI	1
CS _a	SENSORWORX	SWX-222-1	DUAL TECHNOLOGY (PIR + ACOUSTIC)	2000 SF	CEILING	LOW VOLTAGE 360° SENSOR, LARGE MOTION	WATTSTOPPER; SENSORSWITCH; CURRENT HLI	2
CS _b	SENSORWORX	SWX-221-2	DUAL TECHNOLOGY (PIR + ACOUSTIC)	500 SF	CEILING	LINE VOLTAGE 360° SENSOR, SMALL MOTION, RATED 800W @ 120V, 1200W @ 277V	WATTSTOPPER; SENSORSWITCH; CURRENT HLI	.

GENERAL:

- Install and aim ceiling mounted sensors as required to achieve optimum coverage.

NOTES:

1. Confirm color of wall mounted sensors with Architect.

2. Provide power packs and secondary packs as required in conjunction with low voltage sensors for control of lighting circuit.
Power Pack: Sensorworx #SWX-900; Secondary Pack: Sensorworx #SWX-910

DRY-TYPE TRANSFORMER SCHEDULE

Tag	KVA Size	Equipment Served	Primary Voltage	Secondary Voltage	Secondary Feeder Size	Grounding Electrode Conductor Size	Remarks
TX1	75	PANEL 'LP1'	480V-3φ,3W	208Y/120V-3φ,4W	4#250 kcmil, #2G, 2-1/2"C	#2	(1)
TX2	75	PANEL 'LP2'	480V-3φ,3W	208Y/120V-3φ,4W	4#250 kcmil, #2G, 2-1/2"C	#2	(1)
TX3	75	PANEL 'LP3'	480V-3φ,3W	208Y/120V-3φ,4W	4#250 kcmil, #2G, 2-1/2"C	#2	(1)

GENERAL NOTES:

- All conductor sizes based on copper
- Maximum length of secondary conductors shall not exceed 25'-0" per NEC 240.21(C)(6).
- Bond grounding electrode conductor to nearest available grounding electrode per NEC 250.30(A)(7).

REMARKS:

(1) MOUNT TRANSFORMER ON 3-1/2" HIGH CONCRETE HOUSEKEEPING PAD.



REVISION:
ADDENDUM 1 8/14/2025

DATE: 7-18-2025
JOB: 22-3269
SHEET NO.: