AIA® Document G710™ – 2017

Architect's Supplemental Instructions

PROJECT: *(name and address)*	**CONTRACT INFORMATION:**	**ASI INFORMATION:**
Jefferson Elementary School Addition and Remodel 600 N. Fillmore Street Jerome, Idaho 83338	Contract For: General Construction Date: July 2023	ASI Number: 001 Date: July 31, 2023
OWNER: *(name and address)* Jerome School District No. 261 125 4th Avenue W. Jerome, Idaho 83338	**ARCHITECT:** *(name and address)* LKV Architects 2400 E. Riverwalk Drive Boise Idaho 83706	**CONTRACTOR:** *(name and address)* Starr Corporation 299 E. 3600 N. Twin Falls, ID 83301

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.
(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)

Change concrete masonry walls from 12" Hi-RH block to 8" standard block with interior rigid insulation wall panels, along with other related changes per revised sheets listed below dated 07/28/2023.

A-1.1, A-1.2, A-1.3, A-3.1, A-3.3, A-3.4, A-3.10, A-4.1, A-5.1, A-6.1, A-6.4, A-7.2, A-7.4, A-7.5, A-7.6, A-7.7, A-7.8, A-7.9, A-7.10, A-7.11, A-7.14, A-7.15, A-8.1, A-8.3, A-8.6, A-8.7, A-8.10, A-9.1, A-11.1, and A-11.4.

S-0.01, S1.13, S1.23, S4.02, S5.11, S 6.01, S6.02, S6.04, S8.01, S8.02, and S8.03.

Revised Specification Section 072100 - Thermal Insulation

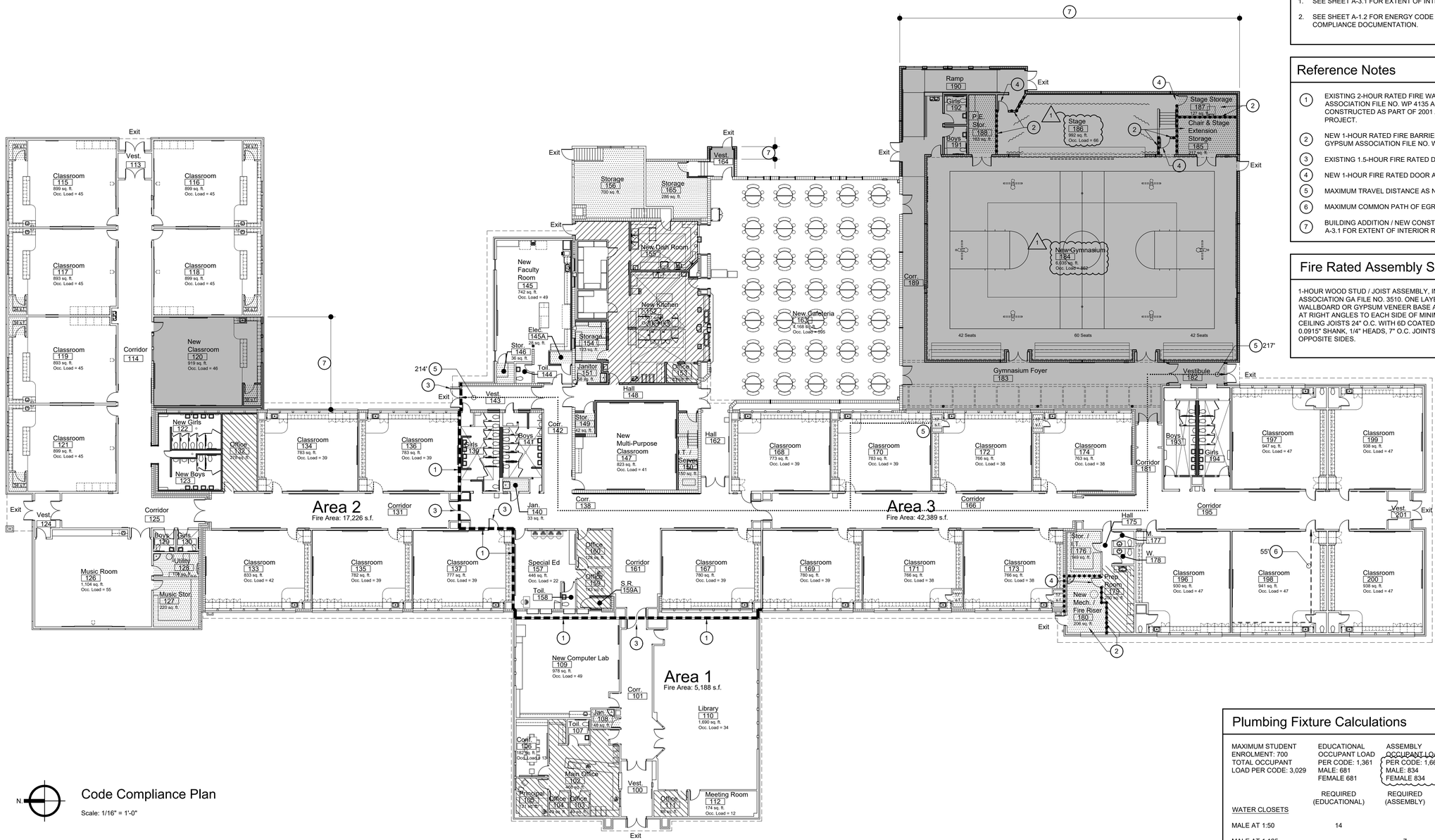
ISSUED BY THE ARCHITECT:

LKV Architects
ARCHITECT *(Firm name)*

Mitchell Stallup for Wayne Thowless
SIGNATURE

Wayne Thowless, Architect
PRINTED NAME AND TITLE

July 28, 2023
DATE



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Code Compliance Plan

Scale: 1/16" = 1'-0"

Building Code Compliance Summary

Building Codes

2018 International Building Code
2018 International Existing Building Code
2018 International Mechanical Code
2018 International Fuel Gas Code
2017 Idaho State Plumbing Code
2017 National Electric Code
2018 International Fire Code
2018 International Energy Conservation Code

Occupancy Group	Group E, Educational (S-1 Accessory)
Construction Type	V-B, Non-Rated Combustible and Non-Combustible Building Elements.
Mixed Occupancy	Separation Not Required per Section 508.2.4

Building Area	Actual	Allowed
Area 1 Gross Floor Area	5,011 s.f.	38,000 s.f. per Table 506.2
Area 1 Exterior Roofed Area	179 s.f.	
Area 1 Fire Area	5,190 s.f.	
Area 2 Gross Floor Area	16,757 s.f.	38,000 s.f. per Table 506.2
Area 2 Exterior Roofed Area	475 s.f.	
Area 2 Fire Area	17,232 s.f.	
Area 3 Gross Floor Area	41,546 s.f.	38,000 s.f. per Table 506.2 plus 5,510 s.f. Frontage Increase = 43,510 s.f. See calcs.
Area 3 Exterior Roofed Area	966 s.f.	
Area 3 Fire Area	42,512 s.f.	

Area 3 Frontage Increase

$$I_f = \left[\frac{F}{P} - 0.25\right]\left[\frac{W}{30}\right]$$

38,000 / 9,500 S.F. per Table 506.2
F = Building Frontage
P = Building Perimeter
W = Frontage Width, 30' Max

$$I_f = \left[\frac{849}{1,022} - 0.25\right]\left[\frac{30}{30}\right] = 0.58$$

9,500 x 0.58 = 5,510

A_a = 38,000 + 5,510 = 43,510 S.F.

Occupant Load Per Code

Space	S.F. / Occ.	Occupants
Cafeteria	7 Net	595★
Gymnasium / Bleachers	7 Net	1,006★
Stage	15 Net	66★
Conference / Faculty / Meeting	15 Net	74
Classrooms	20 Net	1,224
Library	50 Net	34
Office / Support	150 Gross	11
Kitchen / Dish	200 Gross	8
Storage / Accessory	300 Gross	10
Total	----	3,028

★Assembly Occupant Load for Plumbing Fixture Calculations.

Building Addition / New Construction.	
Building Stories	One
Building Height	Highest Point of New Roof: 28'-0" Highest Point of New Parapet: 30'-4"
Exterior Wall Rating (New Walls)	Not Required (Fire Separation Distance > 10')
Fire Walls	2-Hour, Where Shown
Fire Partitions	1-Hour, Where Shown
Draftstopping	Not Required with Automatic Fire Sprinkler System Throughout

Fire Protection Systems	Automatic Wet Pipe Fire Sprinkler System and Voice Annunciation Fire Alarm System Provided Throughout
Exits (E)	(13) Total, (8) From Corridors, (5) from Rooms
Egress Width (Minimum)	0.15 x Occupant Load of Room or Portion of Building
Common Path of Egress Travel (Maximum) — — —	55' < 75 ft. Maximum to Two Paths of Egress (with Automatic Sprinkler System Throughout)
Travel Distance (Maximum) - - - - - -	217' < 250 ft. Maximum to Exit (with Automatic Sprinkler System Throughout)
Corridor Construction	Fire Rated Construction Not Required (with Automatic Sprinkler System Throughout)

Doors	36" Leafs with Swing as Shown (Outswing Required Where Occupant Load Exceeds 49)
Door Hardware	ADA Compliant. (Panic Hardware Required Where Occupant Load Exceeds 49)
Accessibility	Accessible Route consisting of ADA Compliant Corridors, Doorways, Ramp, Stairs, Shelving, Hardware, Fixtures, Electrical Devices, and Signage.
Rated Construction	One and Two Hour Fire-Rated Assemblies. See Plan and Schedule.
Fire Extinguisher in Cabinet (F.E.C.)	Where Shown

General Notes

1. SEE SHEET A-3.1 FOR EXTENT OF INTERIOR REMODELING.
2. SEE SHEET A-1.2 FOR ENERGY CODE ANALYSIS AND COMPLIANCE DOCUMENTATION.

Reference Notes

1. EXISTING 2-HOUR RATED FIRE WALL. GYPSUM ASSOCIATION FILE NO. WP 4135 AND WP 4135 (SIM.) CONSTRUCTED AS PART OF 2001 ADDITION AND REMODEL PROJECT.
2. NEW 1-HOUR RATED FIRE BARRIER (WALLS AND CEILING). GYPSUM ASSOCIATION FILE NO. WP 3510. SEE SCHEDULE.
3. EXISTING 1.5-HOUR FIRE RATED DOOR ASSEMBLY.
4. NEW 1-HOUR FIRE RATED DOOR ASSEMBLY.
5. MAXIMUM TRAVEL DISTANCE AS NOTED.
6. MAXIMUM COMMON PATH OF EGRESS TRAVEL AS NOTED.
7. BUILDING ADDITION / NEW CONSTRUCTION (SEE SHEET A-3.1 FOR EXTENT OF INTERIOR REMODELING).

Fire Rated Assembly Schedule

1-HOUR WOOD STUD / JOIST ASSEMBLY, INTERIOR: GYPSUM ASSOCIATION GA FILE NO. 3510. ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF MINIMUM 2X4 WOOD STUDS / CEILING JOISTS 24" O.C. WITH 6D COATED NAILS, 1 7/8" LONG, 0.0915" SHANK, 1/4" HEADS, 7" O.C. JOINTS STAGGERED 24" O.C. ON OPPOSITE SIDES.

Plumbing Fixture Calculations

MAXIMUM STUDENT ENROLMENT: 700
TOTAL OCCUPANT LOAD PER CODE: 3,029

EDUCATIONAL OCCUPANT LOAD PER CODE: 1,361
MALE: 681
FEMALE 681

ASSEMBLY OCCUPANT LOAD PER CODE: 1,667 (1)
MALE: 834
FEMALE 834

	REQUIRED (EDUCATIONAL)	REQUIRED (ASSEMBLY)	REQUIRED (TOTAL)	PROVIDED★
WATER CLOSETS				
MALE AT 1:50	14			
MALE AT 1:125		7	21	24 (INCL. 8 URINALS)
FEMALE AT 1:50	14			
FEMALE AT 1:65		13	27	23
LAVATORIES				
MALE AT 1:50	14			
MALE AT 1:200		5	19	28.5★★
FEMALE AT 1:50	14			
FEMALE AT 1:200		5	19	28.5★★
DRINKING FOUNTAINS				
1:100	14			
1:500		4	18	34★★
MOP SINKS				
1 PER BUILDING	1			
1 PER BUILDING		1	1	5

★TOILETS IN UNISEX TOILET ROOMS AND TOILET COMPARTMENTS AND CLASSROOM HANDWASH SINKS ARE CALCULATED AS A 0.5 MALE AND 0.5 FEMALE FIXTURE.

★★INCLUDES (26) ADA COMPLIANT CLASSROOM HANDWASH SINKS WITH DRINKING FOUNTAIN BUBBLERS.

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LICENSED ARCHITECT
MARK VINCENT ALLEN
AR-2356
7/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

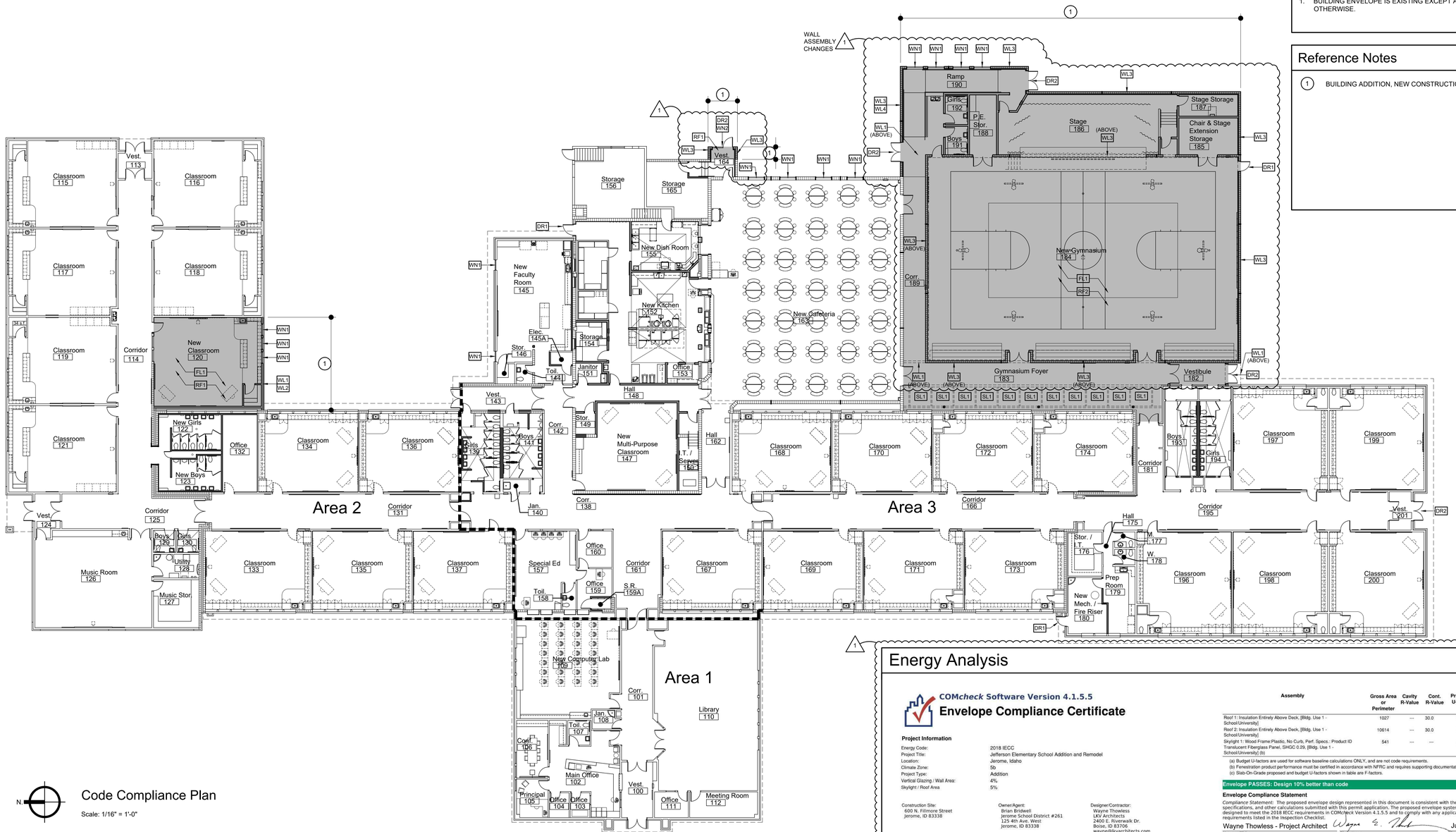
DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

Agency Review

DRAWING NO.

A-1.1



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Code Compliance Plan

Scale: 1/16" = 1'-0"

General Notes

1. BUILDING ENVELOPE IS EXISTING EXCEPT AS INDICATED OTHERWISE.

Reference Notes

1 BUILDING ADDITION, NEW CONSTRUCTION.

Energy Analysis Reference Notes

SEE THERMAL ENVELOPE ASSEMBLIES BELOW. SEE WALL SECTIONS FOR CONSTRUCTION DETAILS.

- FL1 4" CONCRETE SLAB ON GRADE.
- WL1 2x6 WOOD STUDS WITH R-21 FIBERGLASS INSULATION, 1/2" O.S.B. SHEATHING, AND THREE COAT PORTLAND CEMENT STUCCO.
- WL2 2x6 WOOD STUDS WITH R=21 FIBERGLASS INSULATION, 1/2" O.S.B. SHEATHING, 1" AIR SPACE, AND 4" BRICK VENEER.
- WL3 8" WIDE SOLID GROUTED CONCRETE MASONRY UNITS WITH CONTINUOUS 2 1/2" RIGID WALL INSULATION PANELS
- WL4 8" WIDE CONCRETE WALL WITH CONTINUOUS 2 1/2" RIGID WALL INSULATION PANELS.
- DR1 INSULATED STEEL DOOR AND FRAME.
- DR2 FULL GLASS STEEL DOOR AND FRAME WITH 1" TINTED LOW-E INSULATING GLASS.

Energy Analysis Reference Notes

SEE THERMAL ENVELOPE ASSEMBLIES BELOW. SEE WALL SECTIONS FOR CONSTRUCTION DETAILS.

- WN1 FIXED ALUMINUM WINDOW WITH THERMAL BREAK AND1" TINTED LOW-E INSULATING GLASS.
- WN2 FIXED STEEL WINDOW WITH 1" TINTED LOW-E INSULATING GLASS.
- RF1 WOOD TRUSSES, 19/32" WOOD SHEATHING , MIN. 5" POLYISOCYANURATE RIGID INSULATION, MEMBRANE ROOFING.
- RF2 STEEL JOISTS, 1 1/2" STEEL DECK, MIN. 5" POLYISOCYANURATE RIGID INSULATION, MEMBRANE ROOFING.
- SK1 TRANSLUCENT SKYLIGHT PANEL SYSTEM

Energy Analysis

COMcheck Software Version 4.1.5.5

Envelope Compliance Certificate

Project Information

Energy Code:	2018 IECC
Project Title:	Jefferson Elementary School Addition and Remodel
Location:	Jerome, Idaho
Climate Zone:	5b
Project Type:	Addition
Vertical Glazing / Wall Area:	4%
Skylight / Roof Area	5%

Construction Site:
600 N. Fillmore Street
Jerome, ID 83338

Owner/Agent:
Brian Bridwell
Jerome School District #261
125 4th Ave. West
Jerome, ID 83338

Designer/Contractor:
Wayne Thowless
LKV Architects
2400 E. Riverwalk Dr.
Boise, ID 83706
wayne@lkvarchitects.com

Building Area	Floor Area
1-School/University : Nonresidential	12008

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Floor 1: Slab-On-Grade:Unheated, Vertical 2 ft., [Bldg. Use 1 - School/University] (c)	295	---	10.0	0.540	0.540
Exterior Wall 1: Wood-Framed, 16" o.c., [Bldg. Use 1 - School/University]	415	21.0	0.0	0.062	0.064
Window 1: Metal Frame with Thermal Break:Fixed, Perf. Specs.: Product ID Low-E Solarban 60, SHGC 0.35, [Bldg. Use 1 - School/University] (b)	40	---	---	0.290	0.380
Exterior Wall 2: Wood-Framed, 16" o.c., [Bldg. Use 1 - School/University]	82	21.0	0.0	0.062	0.064
Exterior Wall 3: Concrete Block:8", Solid Grouted, Medium Density, Furring: None, [Bldg. Use 1 - School/University]	7777	---	9.6	0.085	0.090
Window 1: Metal Frame with Thermal Break:Fixed, Perf. Specs.: Product ID Low-E Solarban 60, SHGC 0.35, [Bldg. Use 1 - School/University] (b)	114	---	---	0.290	0.380
Window 2: Metal Frame:Fixed, Perf. Specs.: Product ID Low-W Solarban 60, SHGC 0.35, [Bldg. Use 1 - School/University] (b)	25	---	---	0.290	0.380
Door 1: Insulated Metal, Swinging, [Bldg. Use 1 - School/University]	24	---	---	0.157	0.370
Door 2: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID Low-E Solarban 60, SHGC 0.35, [Bldg. Use 1 - School/University] (b)	141	---	---	0.290	0.770
Exterior Wall 4: Solid Concrete:8" Thickness, Medium Density, Furring: None, [Bldg. Use 1 - School/University]	151	---	9.6	0.084	0.090
Door 2: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID Low-E Solarban 60, SHGC 0.35, [Bldg. Use 1 - School/University] (b)	21	---	---	0.290	0.770

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof 1: Insulation Entirely Above Deck, [Bldg. Use 1 - School/University]	1027	---	30.0	0.032	0.032
Roof 2: Insulation Entirely Above Deck, [Bldg. Use 1 - School/University]	10614	---	30.0	0.032	0.032
Skylight 1: Wood Frame:Plastic, No Curb, Perf. Specs.: Product ID Translucent Fiberglass Panel, SHGC 0.29, [Bldg. Use 1 - School/University] (b)	541	---	---	0.290	0.500

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 10% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Wayne Thowless - Project Architect — July 19, 2023
Name - Title — Signature — Date

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LICENSED ARCHITECT — WAYNE THOWLESS — AR-2356 — 7/24/23 — STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

Agency Review

DRAWING NO.

A-1.2

Master Keyed Note List *

DIVISION 2 - EXISTING CONDITIONS

24119.A1 EXISTING FOOTING(S) TO BE REMOVED
24119.B1 EXISTING FOUNDATION WALL(S) TO BE REMOVED
24119.C1 EXISTING SLAB(S) TO BE REMOVED
24119.C2 EXISTING CONCRETE STEPS TO BE REMOVED
24119.D1 EXISTING MASONRY / CONCRETE WALL(S) TO BE REMOVED
24119.D2 EXISTING WOOD STUD WALL(S) / FRAMING TO BE REMOVED
24119.D3 EXISTING WOOD FRAMED FLOOR STRUCTURE TO BE REMOVED
24119.E1 EXISTING STRUCTURAL STEEL TO BE REMOVED
24119.F1 EXISTING DOOR(S) TO BE REMOVED
24119.F2 EXISTING WINDOW(S) TO BE REMOVED
24119.F3 EXISTING DOOR AND FRAME / JAMB / CASING TO BE REMOVED
24119.G1 EXISTING ROOF STRUCTURE TO BE REMOVED
24119.G2 EXISTING ROOFING TO BE REMOVED
24119.H1 EXISTING MILLWORK / CABINETRY TO BE REMOVED
24119.H2 EXISTING SPECIALTY ITEMS(S) TO BE REMOVED
24119.H3 EXISTING FURNISHING / EQUIPMENT ITEM TO BE REMOVED
24119.I1 EXISTING FINISH(ES) TO BE REMOVED
24119.I2 EXISTING MASONRY VENEER TO BE REMOVED
24119.I3 EXISTING STUCCO SYSTEM TO BE REMOVED
24119.I4 EXISTING CARPET / RESILIENT FLOORING TO BE REMOVED
24119.I5 EXISTING CERAMIC TILE FLOORING TO BE REMOVED
24119.I6 EXISTING HARDWOOD FLOORING SYSTEM TO BE REMOVED
24119.J1 EXISTING MECHANICAL WORK TO BE REMOVED
24119.K1 EXISTING PLUMBING WORK TO BE REMOVED
24119.L1 EXISTING ELECTRICAL WORK TO BE REMOVED
24119.M1 EXISTING SITE CONSTRUCTION TO BE REMOVED
24119.N1 EXISTING SUSPENDED ACOUSTIC CEILING TO BE REMOVED
24119.N2 EXISTING SUSPENDED PLASTER CEILING TO BE REMOVED
24119.N3 EXISTING GYPSUM BOARD CEILING TO BE REMOVED

DIVISION 3 - CONCRETE

33000.A1 CONCRETE FOOTING
33000.B1 CONCRETE FOUNDATION WALL
33000.C1 CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.C2 CONCRETE SLAB ON GRADE (EXTERIOR), 4" U.N.O.
33000.C3 CONCRETE SLAB ON DECK, 4" U.N.O.
33000.D1 CONCRETE WALL
33000.E1 CONCRETE COLUMN
33000.F1 CONCRETE BEAM / LINTEL
33000.G1 CONCRETE CURB
33000.G2 CONCRETE CURB AND GUTTER PLATE
33000.H1 DEFORMED STEEL REINFORCING BAR(S)
33000.H2 SMOOTH STEEL REINFORCING BAR(S)
33000.I1 ANCHOR BOLT(S)
33000.I2 HOLD DOWN
33000.J1 WELDED WIRE MESH REINFORCING
33000.K1 CONSTRUCTION JOINT
33000.K2 CONTROL JOINT
33000.K3 EXPANSION JOINT, 1/2" FIBER BOARD
33000.L1 CONCRETE SEALER
33000.M1 VAPOR RETARDER
33000.N1 GEO-FOAM BLOCKS

35416.A1 HYDRAULIC CEMENT UNDERLAYMENT

DIVISION 4 - MASONRY

42000.A1 CONCRETE MASONRY UNIT(S) SMOOTH FACE, 8x8x16
42000.A2 CONCRETE MASONRY UNIT(S) SMOOTH FACE, 8x4x16
42000.A3 CONCRETE MASONRY UNIT(S) SMOOTH FACE, 4x8x16
42000.A4 CONCRETE MASONRY UNIT(S) SMOOTH FACE, 12x8x16
42000.B1 CONCRETE MASONRY UNIT(S) SPLIT FACE, 8x8x16
42000.B2 CONCRETE MASONRY UNIT(S) SPLIT FACE, 8x4x16
42000.B3 CONCRETE MASONRY UNIT(S) SPLIT FACE, 4x8x16
42000.B4 CONCRETE MASONRY UNIT(S), SPLIT FACE, 12x8x16
42000.B5 CONCRETE MASONRY UNIT(S), SPLIT FACE, HI-RH, 12x8x16
42000.C1 CLAY STRUCTURAL BRICK, 4x8x16
42000.D1 CLAY FACE BRICK, MODULAR
42000.D2 CLAY FACE BRICK, 4x4x16
42000.E1 DEFORMED STEEL REINFORCING BAR(S)
42000.E2 SMOOTH STEEL REINFORCING BAR(S)
42000.F1 ANCHOR BOLT(S)
42000.G1 LOOSE GRANULAR FILL INSULATION, AT ALL EXTERIOR WALL UNGROUTED MASONRY CORES
42000.H1 SOLID GROUT BOND BEAM
42000.H2 SOLID GROUT
42000.I1 LINTEL UNIT(S)
42000.J1 VENEER TIE(S)
42000.K1 CONTROL JOINT WITH PREFORMED GASKETING
42000.L1 RIGID MASONRY CELL INSULATION
42000.M1 HORIZONTAL JOINT REINFORCING

DIVISION 5 - METALS

51200.A1 STEEL BEAM
51200.B1 STEEL COLUMN
51200.C1 STEEL LEDGER ANGLE
51200.D1 STEEL BEARING PLATE
51200.D2 STEEL WELD PLATE
51200.E1 STEEL ANGLE
51200.F1 STEEL CHANNEL
51200.G1 STEEL PLATE
51200.H1 STEEL PIPE
51200.I1 STEEL TUBE
51200.J1 BOLT(S)
51200.J2 ANCHOR BOLT(S)
51200.K1 THREADED ROD
51200.L1 WELD
51200.M1 NON-SHRINK GROUT

52100.A1 OPEN WEB STEEL ROOF JOIST(S)
52100.B1 OPEN WEB STEEL FLOOR JOIST(S)
52100.C1 STEEL JOIST GIRDER
52100.D1 STEEL BRIDGING
52100.E1 WELD

53100.A1 STEEL ROOF DECK, 1 1/2", 20 GAUGE, TYPE B U.N.O.
53100.A2 STEEL ROOF DECK, 3", 20 GAUGE, TYPE N
53100.B1 STEEL FLOOR DECK, 2", 20 GAUGE, W2 FORMLOK
53100.C1 SHEET METAL CLOSURE
53100.D1 FASTENER
53100.E1 WELD

54000.A1 STEEL STUD(S) 3 5/8", 20 GA. @ 16" O.C., U.N.O.
54000.A2 STEEL STUD(S) 6", 18 GA. @ 16" O.C., U.N.O.
54000.A3 STEEL STUD(S) 8", 16 GA. @ 16" O.C., U.N.O.
54000.B1 STEEL CEE JOIST(S) 6", 18 GA. @ 16" O.C., U.N.O.
54000.B2 STEEL CEE JOIST(S) 6", 16 GA. @ 24" O.C., U.N.O.
54000.B3 STEEL CEE JOIST(S) 8", 16 GA. @ 16" O.C., U.N.O.
54000.B4 STEEL CEE JOIST(S) 8", 18 GA. @ 24" O.C., U.N.O.
54000.C1 STEEL STUD TRACK, SAME WIDTH AND GAUGE AS STUDS U.N.O.
54000.D1 STEEL CEE CHANNEL
54000.E1 SHEET METAL ANGLE BRACKET(S)
54000.E2 CONT. SHEET METAL BREAK SHAPE, SIZE & GAUGE AS NOTED
54000.F1 STEEL CEE BLOCKING
54000.G1 SCREW(S)
54000.H1 WELD(S)
54000.I1 SILL SEAL GASKET

55000.A1 ROUGH HARDWARE
55000.B1 STEEL LADDER
55000.C1 PIPE BOLLARD
55000.C2 PIPE BOLLARD SLEEVE
55000.D1 BOLT(S)

DIVISION 5 - METALS, CONT.

55000.E1 WELD
55000.F1 STEEL AWNING
55000.G1 STEEL TUBE DOWNSPOUT
55000.H1 STEEL GATE ASSEMBLY
55000.I1 STEEL GRATING
55000.J1 STEEL PLATE
55000.K1 STEEL ANGLE
55000.L1 STEEL TUBE
55000.M1 STEEL PIPE GRID SYSTEM
55000.N1 STEEL TUBE DOOR STOP RAIL
55000.O1 WELDED WIRE MESH

55213.A1 STEEL PIPE / TUBE GUARDRAIL
55213.A2 STEEL PIPE POST / RAIL
55213.A3 STEEL TUBE POST / RAIL
55213.A4 STEEL TUBE BALLUSTERS, 3/4" U.N.O.
55213.A5 STEEL PLATE POST
55213.B1 STEEL PIPE HANDRAIL, MIN. OUTSIDE DIA. 1 3/4"
55213.B2 STEEL HANDRAIL WALL BRACKET

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A1 DIMENSION LUMBER
61000.A2 WOOD STUD(S) 2x6 AT 16" O.C., U.N.O.
61000.A3 WOOD STUD(S) 2x4 AT 16" O.C. U.N.O.
61000.A4 WOOD STUD(S) 2x8 AT 16" O.C. U.N.O.
61000.A5 2x P.T. WOOD SILL PLATE TO MATCH STUD WIDTH, U.N.O.
61000.A6 2x WOOD SOLE PLATE TO MATCH STUD WIDTH, U.N.O.
61000.A7 DBL. 2x WOOD TOP PLATE TO MATCH STUD WIDTH, U.N.O.
61000.A8 SOLID BLOCKING / BOLD
61000.A9 DIMENSION LUMBER BEAM / HEADER / LEDGER
61000.A10 DIMENSION LUMBER JOIST
61000.B1 WOOD JOIST(S) 2x6 AT 16" O.C., U.N.O.
61000.B2 WOOD JOIST(S) 2x6 AT 16" O.C., U.N.O.
61000.C1 FRAMING HARDWARE
61000.C2 INSECT SCREEN
61000.D1 FASTENER(S)
61000.E1 ENGINEERED WOOD / METAL OPEN WEB ROOF JOIST(S)
61000.E2 ENGINEERED WOOD I JOIST(S) AT 24" O.C., U.N.O.
61000.F1 SILL SEALER GASKET

61600.A1 SHEATHING, MISC. (TYPE AND THICKNESS INDICATED)
61600.A2 ROOF SHEATHING, 19/32" O.S.B., U.N.O.
61600.A3 FLOOR SHEATHING, 23/32" O.S.B. (T&G)
61600.A4 WALL SHEATHING, 7/16" O.S.B.
61600.A5 WALL SHEATHING, 5/8" GYPSUM SHEATHING, TYPE "X" U.N.O.
61600.B1 FIBER CEMENT STUCCO BOARD, 7/16"
61600.C1 TECTUM ROOF DECK PANEL(S), 6"

61753.A1 PRE-ENGINEERED WOOD ROOF TRUSS(ES) - GABLE - AT 24" O.C. U.N.O.
61753.A2 PRE-ENGINEERED WOOD ROOF TRUSS(ES) - SHED (TRAPEZOIDAL) - AT 24" O.C. U.N.O.
61753.A3 PRE-ENGINEERED WOOD ROOF TRUSS(ES) - PARALLEL CHORD - AT 24" O.C. U.N.O.
61753.A4 PRE-ENGINEERED WOOD ROOF TRUSS(ES) - SCISSOR - AT 24" O.C. U.N.O.
61753.B1 PRE-ENGINEERED WOOD FLOOR TRUSS(ES) - PARALLEL CHORD - AT 24" O.C. U.N.O.
61753.C1 PRE-ENGINEERED WOOD GIRDER TRUSS(ES)
61753.D1 TRUSS / JOIST BLOCKING

64116.A1 3/4" MELAMINE COATED PARTICLE BOARD
64116.A2 1/2" MELAMINE COATED PARTICLE BOARD
64116.B1 3/4" PLYWOOD, EXTERIOR GRADE
64116.B2 1/2" PLYWOOD
64116.C1 3/4" PARTICLE BOARD
64116.C2 1/2" PARTICLE BOARD
64116.D1 H.P. DECORATIVE LAMINATE- EXPOSED EXTERIOR SURFACES
64116.D2 H.P. DECORATIVE LAMINATE -TOPS, EDGES, AND BACKSPLASHES
64116.D3 H.P. HEAT AND ACID RESISTANT DECORATIVE LAMINATE - TOPS, EDGES, AND BACKSPLASHES
64116.E1 ADJUSTABLE SHELVES ON 32 mm SYSTEM SHELF SUPPORTS - 3/4" MELAMINE COATED PARTICLE BOARD
64116.E2 ADJUSTABLE SHELVES ON 32 mm SYSTEM SHELF SUPPORTS - 1" PARTICLE BOARD W/ H.P. DECORATIVE LAMINATE
64116.F1 DRAWER(S) ON SLIDES W/ PULL(S)
64116.F2 HANGING FILE TRACK
64116.G1 DOOR(S) ON HINGES W/ PULL(S)
64116.H1 COAT HOOK
64116.H2 DOUBLE PRONK COAT HOOK
64116.I1 CYLINDER LOCK
64116.J1 HANGER ROD
64116.K1 3mm PVC EDGE BANDING
64116.L1 1/4" TEMPERED SAFETY GLASS SHELVES
64116.L2 1/4" TEMPERED SAFETY GLASS DOOR OR DOOR LITE
64116.M1 RUBBER GROMMET, 3" DIA.
64116.N1 1/4" x 2" PLEXIGLASS SHELF EDGE
64116.N2 1/4" PLEXIGLASS SHELVES
64116.O1 4" DIA. PIVOTING CASTER(S)

66400.A1 FIBERGLASS REINFORCED PLASTIC PANELS
66400.A2 FIBERGLASS REINFORCED PLASTIC PANELS (DECORATIVE)

DIVISION 7 - THERMAL & MOISTURE PROTECTION

71113.A1 BITUMINOUS DAMPROOFING

71900.A1 WATER REPELLENT

72100.A1 RIGID FOUNDATION WALL INSULATION - 2" EXTRUDED POLYSTYRENE, U.N.O.
72100.A2 RIGID WALL INSULATION PANELS - EXPANDED POLYSTYRENE, 2 1/2" U.N.O. INTEGRALLY FURRED
72100.B1 BATT INSULATION, GLASS FIBER, UNFACED 5 1/2"
72100.B2 BATT INSULATION, GLASS FIBER, UNFACED 3 1/2"
72100.C1 BLOWN INSULATION, GLASS FIBER
72100.D1 SAFING INSULATION, MINERAL FIBER, SEMI-RIGID FLUTE FILLER
72100.E1 COMPRESSIBLE FILLER INSULATION, GLASSFIBER
72100.F1 VAPOR RETARDER WITH TAPED SEAMS
72100.G1 EXPANDABLE FOAM INSULATION

72700.A1 INFILTRATION / AIR BARRIER, SHEET MEMBRANE
72700.B1 FLASHING / TRANSITION MEMBRANE
72700.C1 JOINT REINFORCEMENT STRIP / TAPE

75423.A1 SINGLE-PLY ROOFING MEMBRANE - MECH. FASTENED TPO
75423.A2 SINGLE-PLY ROOFING MEMBRANE - BALLASTED TPO
75423.B1 SINGLE-PLY MEMBRANE FLASHING, FULLY ADHERED
75423.C1 MANUFACTURER'S POLYPROPYLENE ROD
75423.D1 RIGID ROOF INSULATION - POLYISOCYANURATE, (2) LAYERS, 2 1/2"
75423.D2 FACTORY TAPERED ROOF INSULATION - EPS BOARD
75423.E1 VAPOR RETARDER
75423.F1 ROOF DECK SUBSTRATE BOARD, 1/4"
75423.F2 MEMBRANE FLASHING SUBSTRATE BOARD, PRIMED, 1/2"
75423.G1 ROCK BALLAST
75423.H1 CONCRETE PAVERS
75423.I1 RUBBER WALK STRIPS, 30" WIDE
75423.J1 FASTENER(S)
75423.K1 TERMINATION BAR, CONTINUOUS
75423.L1 TPO COATED METAL, 24 GAUGE
75423.M1 MEMBRANE STRIPPING, HEAT WELDED MEMBRANE

DIVISION 7 - THERMAL & MOISTURE PROTECTION, CONT.

76200.A1 FLASHING & SHEET METAL
76200.B1 SURFACE MOUNTED CLEAT(S), 20 GA. GAVL.
76200.B2 SURFACE MOUNTED TERMINATION FLASHING, 20 GA. GALV.
76200.C1 PRE-FINISHED METAL COPING, 24 GA.
76200.C2 PRE-FINISHED METAL FLASHING, 24 GA.
76200.C3 PRE-FINISHED METAL SURFACE MOUNTED TERMINATION FLASHING, 24 GA.
76200.C4 PRE-FINISHED METAL FASCIA, 24 GA.
76200.C5 24 GA. GALV. SURFACE MOUNTED REGLET W/ SNAP-IN COUNTER FLASHING
76200.D1 PRE-FINISHED METAL GUTTER, 24 GA.
76200.D2 PRE-FINISHED METAL DOWNSPOUT, 24 GA.
76200.D3 PRE-FINISHED METAL SCUPPER
76200.E1 EXTERIOR VENT, 4" CONTINUOUS SOFFIT TYPE
76200.F1 FASTENER
76200.G1 BASE FLASHING, 26 GA. GALV.

77200.A1 PRE-FABRICATED ROOF HATCH AND CURB
77200.B1 ROOF LADDER SAFETY POST

78413.A1 PENETRATION FIRESTOPPING
78413.B1 FIRE CAULK

79200.A1 ONE PART SILICON SEALANT
79200.A2 ONE PART MILDEW RESISTANT SILICON SEALANT
79200.B1 ONE PART URETHANE SEALANT
79200.C1 LATEX JOINT SEALANT
79200.D1 BUTYL SEALANT
79200.E1 FOAM BACKER ROD
79200.F1 FLOOR SLAB JOINT SEALANT

DIVISION 8 - OPENINGS

81113.A1 HOLLOW METAL DOOR
81113.B1 HOLLOW METAL DOOR FRAME
81113.B2 HOLLOW METAL DOOR / GLAZING FRAME
81113.C1 WOLLOW METAL GLAZING FRAME
81113.D1 GLAZING STOP
81113.E1 FRAME ANCHOR(S) FOR MASONRY WALLS
81113.E2 FRAME ANCHOR(S) FOR STEEL STUD WALLS
81113.E3 FRAME ANCHOR(S) FOR WOOD STUD WALLS

81416.A1 FLUSH WOOD DOOR
81416.A2 RAISED PANEL WOOD DOOR
81416.B1 GLASS LITE WITH WOOD BEAD TRIM
81416.B2 GLASS LITE WITH METAL TRIM

83113.A1 ACCESS DOOR
83113.A2 FIRE RATED ACCESS DOOR

83323.A1 OVERHEAD COILING COUNTER DOOR
83323.A2 OVERHEAD COILING COUNTER DOOR TRACK
83323.A3 OVERHEAD COILING COUNTER DOOR SILL
83323.B1 OVERHEAD COILING DOOR

84113.A1 ALUMINUM STOREFRONT WINDOW FRAMING
84113.B1 ALUMINUM ENTRANCE DOOR
84113.C1 SHIM
84113.D1 ALUMINUM STOREFRONT SILL FLASHING
84113.E1 GALVANIZED ANGLE PERIMETER INTERIOR FLASHING

84523.A1 TRANSLUCENT FIBERGLASS SANDWICH PANEL ASSEMBLY
84523.B1 PANEL ASSEMBLY FLASHING

87100.A1 DOOR HARDWARE
87100.B1 ALUMINUM THRESHOLD
87100.C1 MISCELLANEOUS HARDWARE AS NOTED
87100.D1 FIRE DEPARTMENT LOCK BOX

88000.A1 1/4" FLOAT GLASS ("A1")
88000.B1 1/4" TEMPERED SAFETY GLASS ("B1")
88000.B2 1/4" TINTED TEMPERED SAFETY GLASS ("B2")
88000.B3 3/4" TEMPERED SAFETY GLASS
88000.C1 1/4" FIRE RATED TEMPERED SAFETY GLASS ("C1")
88000.D1 1" TINTED INSULATING GLASS, NON-TEMPERED ("D1")
88000.D2 NEOPRENE GLAZING GASKET
88000.E1 MIRROR, SIZE AS NOTED
88000.F1 1" TINTED INSULATING GLASS, BOTH LITES TEMPERED ("D2")

DIVISION 9 - FINISHES

92400.A1 EXTERIOR PORTLAND CEMENT STUCCO SYSTEM, 7/8"
92400.A2 INTERIOR PORTLAND CEMENT PLASTER SYSTEM, 7/8"
92400.B1 GALVANIZED STEEL LATH
92400.C1 BUILDING PAPER
92400.D1 GALVANIZED STEEL CORNER BEAD
92400.D2 GALVANIZED STEEL CASING BEAD
92400.D3 GALVANIZED STEEL CONTROL JOINT
92400.D4 GALVANIZED STEEL BASE TERMINATION STRIP
92400.D5 GALVANIZED CHANNEL SCREED, WIDTH AS NOTED

92900.A1 SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.A2 DOUBLE LAYER GYPSUM BOARD, 1/2" TYPE "X" U.N.O.
92900.A3 TRIPLE LAYER GYPSUM BOARD, 1/2" TYPE "X" U.N.O.
92900.A4 ABUSE RESISTANT GYPSUM BOARD 5/8" TYPE "X" U.N.O.
92900.B1 SINGLE LAYER GYPSUM SHEATHING, 1/2" TYPE "X" U.N.O.
92900.C1 CONTROL JOINT
92900.D1 METAL CORNER BEAD
92900.D2 METAL TRIM, LC
92900.D3 METAL TRIM, L
92900.D4 METAL CHANNEL TRIM
92900.E1 SOUND ATTENUATION BLANKET(S) 3 1/2"
92900.E2 SOUND ATTENUATION BLANKET(S) 5 1/2"
92900.F1 CONTINUOUS SHEET METAL BREAK SHAPE. SIZE AND GAUGE AS NOTED
92900.G1 FASTENER. SCREW TYPE AS REQUIRED

93013.A1 CERAMIC WALL TILE SYSTEM
93013.B1 CERAMIC FLOOR TILE SYSTEM
93013.B2 QUARRY TILE SYSTEM
93013.C1 CEMENTITIOUS BACKER UNITS, 5/8"

95113.A1 SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS
95113.A2 SUSPENDED ACOUSTICAL PANEL CEILING, WASHABLE VINYL FACED PANELS
95113.A3 SUSPENDED ACOUSTICAL PANEL CEILING, 12"x12" SCORED PANELS
95113.A4 SUSPENDED ACOUSTICAL PANEL CEILING, IMPACT RESISTANT PANELS
95113.A5 SUSPENDED ACOUSTICAL PANEL CEILING, METAL PAN PANELS W/ CLIPS
95113.B1 SUSPENSION SYSTEM, INTERMEDIATE DUTY
95113.C1 WALL ANGLE TRIM

96466.A1 HARDWOOD FLOORING, 3/4"
96466.B1 PLYWOOD FLOORING 3/4"
96466.C1 1/2" PLYWOOD (T&G)
96466.D1 RESILIENT PAD
96466.E1 VAPOR BARRIER
96466.F1 VENTED BASE
96466.G1 HARDWOOD TRIM AS NOTED

96513.A1 4" RUBBER COVE BASE
96513.B1 RUBBER STAIR SKIRTING
96513.C1 RUBBER STAIR TREAD(S)
96513.C2 RUBBER STAIR RISER(S)

DIVISION 9 - FINISHES, CONT.

96516.A1 RESILIENT SHEET FLOORING
96516.A2 RESILIENT SHEET KITCHEN FLOORING
96516.B1 SHEET VINYL FLOORING

96519.A1 RESILIENT TILE FLOORING

96816.A1 CARPET, BROADLOOM
96816.B1 CARPET TILE
96816.C1 WALK-OFF ENTRY CARPET
96816.D1 CARPET ADHESIVE

97200.A1 DIGITALLY PRINTED WALL MURAL
97200.B1 TRIM / EDGE PROTECTOR

98413.A1 TECTUM SOUND ABSORBING ACOUSTICAL PANEL(S)

98433.A1 FABRIC WRAPPED ACCOUSTICAL PANEL(S)
98433.B1 FASTENING SYSTEM

99113.A1 PAINT-EXTERIOR
99113.A2 PAINT-TEXTURED

99123.A1 PAINT-INTERIOR
99123.A2 PAINT-INTERIOR EPOXY
99123.B1 CONCRETE SEALER

DIVISION 10 - SPECIALTIES

101100.A1 PORCELAIN ENAMEL MARKERBOARD
101100.B1 VINYL FABRIC FACED CORK TACKBOARD
101100.C1 ELECTRONIC MARKERBOARD
101100.D1 DISPLAY RAIL TACK STRIP, LENGTH PER PLAN

101416.A1 INTERIOR PLASTIC PANEL SIGN(S)
101416.B1 EXTERIOR CAST METAL SIGNAGE
101416.B2 INTERIOR CAST METAL SIGNAGE
101416.C1 EXTERIOR TRAFFIC SIGN(S)
101416.C2 GALVANIZED STEEL POST

102113.A1 TOILET COMPARTMENT PARTITION(S)
102113.B1 URINAL SCREEN(S)

102600.A1 CORNER GUARD, 90°, 4'-0" U.N.O.
102600.A2 CORNER GUARD, 135°, 6'-8"

102800.A1 GRAB BAR, 36" LONG
102800.A2 GRAB BAR, 42" LONG
102800.A3 GRAB BAR, 18" x 33"
102800.A4 GRAB BAR, 18" LONG
102800.B1 MIRROR, 18" W. x 36" H. U.N.O., FRAMED
102800.B2 MIRROR, WIDTH PER PLAN x 42" H., UNFRAMED
102800.C1 FOLDING SHOWER SEAT
102800.D1 TOILET PAPER DISPENSER
102800.E1 TOILET SEAT COVER DISPENSER
102800.F1 PAPER TOWEL DISPENSER WITH WASTE, RECESSED
102800.F2 PAPER TOWEL DISPENSER, RECESSED
102800.G1 SOAP DISPENSER, DECK MOUNTED
102800.G2 SOAP DISPENSER, WALL MOUNTED
102800.H1 COAT / TOWEL HOOK
102800.I1 SHOWER CURTAIN ROD
102800.J1 COLLAPSIBLE WATER RETAINING THRESHOLD
102800.K1 SHELF / MOP HOLDER

104413.A1 FIRE EXTINGUISHER CABINET, SEMI-RECESSED
104413.A2 FIRE EXTINGUISHER CABINET, SURFACE MOUNTED
104416.A1 FIRE EXTINGUISHER

DIVISION 11 - EQUIPMENT

113013.A1 REFRIGERATOR
113013.A2 FREEZER
113013.A3 UNDER COUNTER REFRIGERATOR
113013.B1 DISHWASHER
113013.C1 RANGE AND OVEN
113013.D1 WASHER
113013.E1 DRYER

114000.A1 14 GA. STAINLESS STEEL TABLE
114000.A2 1 5/8" DIA. 16 GA. GALVANIZED TUBULAR LEGS
114000.A3 14 GA. STAINLESS STEEL COUNTERTOP W/ SPLASH
114000.A4 14 GA. STAINLESS STEEL UNDERSHELF
114000.A5 14 GA. STAINLESS STEEL WALL SHELF
114000.A6 STAINLESS STEEL SNEEZE GUARD
114000.A7 14 GA. STAINLESS STEEL PASS THROUGH COUNTER
114000.A8 16 GA. STAINLESS STEEL CLADDING
114000.A9 STAINLESS STEEL DRAWER(S)
114000.B1 COMMERCIAL RANGE AND OVEN
114000.B2 CONVECTION OVEN
114000.C1 HOT FOOD WARMER / PROOFER
114000.D1 SINGLE DROP-IN UNIT
114000.D2 DOUBLE DROP-IN UNIT
114000.D3 STEAMTABLE
114000.E1 REFRIGERATOR (REACH-IN)
114000.E2 REFRIGERATOR (WALK-IN)
114000.F1 FREEZER (REACH-IN)
114000.F2 FREEZER (WALK-IN)
114000.G1 DISHWASHER (UNDER COUNTER)
114000.G2 DISHWASHER
114000.H1 DISPOSER
114000.I1 PRE-RINSE UNIT
114000.J1 ICE MAKER / DISPENSER
114000.J2 COUNTER TOP ICE MAKER / DISPENSER
114000.K1 MIXER
114000.L1 CONVECTION STEAMER
114000.M1 STEAM JACKETED KETTLE
114000.N1 WIRE SHELVING UNIT(S)
114000.O1 CAN RACK
114000.P1 MOBILE DRY RACK
114000.Q1 SLICER
114000.R1 TRIPLE SINK MIXING FAUCET
114000.S1 DOUBLE SINK MIXING FAUCET
114000.T1 MILK COOLER

115213.A1 PROJECTION SCREEN, 5'-10"H.x5'-10"W., MANUAL (NOM.)
115213.A2 PROJECTION SCREEN, ELECTRIC, SIZE AS NOTED

116143.A1 PROSCENIUM CURTAIN
116143.A2 VALANCE CURTAIN
116143.A3 REAR CURTAIN
116143.A4 LEG CURTAIN
116143.B1 PROSCENIUM CURTAIN TRACK
116143.B2 CURTAIN HANGING SYSTEM

116600.A1 GYMNASIUM WALL PADS (2'X6')
116600.A2 SENSORY ROOM WALL / FLOOR PADS (SIZES VARY)

116623.A1 BASKETBALL BACKSTOP - GLASS
116623.A2 BASKETBALL BACKSTOP - FIBERGLASS
116623.B1 BASKETBALL BACKSTOP SUPPORT - FIXED
116623.B2 BASKETBALL BACKSTOP SUPPORT - FORWARD FOLDING
116623.B3 BASKETBALL BACKSTOP SUPPORT - SIDE FOLDING
116623.C1 VOLLEYBALL POST FLOOR SLEEVE AND COVER
116623.C2 VOLLEYBALL POST
116623.C3 VOLLEYBALL NET

DIVISION 12 - FURNISHINGS

122113.A1 WINDOW BLIND(S)

126600.A1 TELESCOPING BLEACHERS, WALL ATTACHED, FORWARD FOLD
126600.A2 TELESCOPING BLEACHERS, WALL ATTACHED, FIXED
126600.B1 TELESCOPING BLEACHERS, FLOOR ATTACHED, REVERSE FOLD
126600.C1 TELESCOPING BLEACHERS, FLOOR ATTACHED, FIXED

DIVISION 13 - SPECIAL CONSTRUCTION

NOT USED

DIVISION 14 - CONVEYING SYSTEMS

NOT USED

DIVISION 22 - PLUMBING

220100.A1 FLOOR DRAIN
220100.A2 TRENCH DRAIN
220100.A3 FLOOR SINK
220100.B1 DUAL-HEIGHT WATER COOLER
220100.C1 SINGLE-HEIGHT DRINKING FOUNTAIN
220100.C2 DUAL-HEIGHT DRINKING FOUNTAIN
220100.D1 WATER HEATER
220100.E1 ROOF DRAIN
220100.E2 ROOF DRAIN LEADER
220100.E3 OVERFLOW NOZZLE
220100.F1 SUMP PUMP
220100.G1 HOSE BIB
220100.H1 EYEWASH STATION
220100.H2 OVERHEAD EYEWASH SHOWER
220100.I1 DRAINPIPE INSULATION WRAP
220100.J1 SHOWER HEAD
220100.J2 COLUMN SHOWER
220100.K1 LAVATORY
220100.K2 HAND WASH FOUNTAIN
220100.L1 SINK
220100.M1 MOP SINK
220100.N1 WATER CLOSET
220100.N2 URINAL

DIVISION 23 - MECHANICAL

230100.A1 MECHANICAL ROOFTOP EQUIPMENT
230100.B1 AIR DUCT
230100.B2 STACK VENT
230100.C1 WALL DIFFUSER / GRILLE
230100.C2 CEILING DIFFUSER / GRILLE
230100.C3 EXTERIOR WALL LOUVER

DIVISION 26 - ELECTRICAL

260100.A1 SURFACE MOUNTED LIGHT FIXTURE (CEILING)
260100.A2 SURFACE MOUNTED LIGHT FIXTURE (WALL)
260100.B1 RECESSED LIGHT FIXTURE (CANS)
260100.B2 RECESSED LIGHT FIXTURE (TROUGHER)
260100.C1 PENDANT MOUNTED / SUSPENDED LIGHT FIXTURE

DIVISION 31 - EARTHWORK

311000.A1 SITE CLEARING

312300.A1 COMPACTED IMPORTED STRUCTURAL FILL
312300.B1 DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS
312300.B2 PAVING BASE COURSE, 3/4" MINUS
312300.C1 COMPACTED EXISTING ON-SITE SOILS MATERIAL
312300.D1 TOPSOIL, 9" MINIMUM
312300.E1 DRAIN ROCK, 2" WASHED
312300.F1 VAPOR RETARDER
312300.G1 FILTER FABRIC
312300.H1 FILTER SAND
312300.I1 DRAIN PIPE, SOLID WALL
312300.I2 DRAIN PIPE, PERFORATED

DIVISION 32 - EXTERIOR IMPROVEMENTS

321216.A1 ASPHALT PAVING
321216.B1 PAINTED STRIPING, 4" WHITE
321216.B2 PAINTED STRIPING, 6" RED
321216.B3 PAINTED STRIPING, AS NOTED
321216.C1 CONCRETE TIRE STOP(S)

321313.A1 EXTERIOR CONCRETE SLAB ON GRADE
321313.B1 EXTERIOR CONCRETE WALL
321313.C1 EXTERIOR CONCRETE STAIR / STEPS
321313.D1 EXTERIOR CONCRETE CURB
321313.D2 EXTERIOR CONCRETE CURB AND GUTTER PLATE
321313.E1 DEFORMED STEEL REINFORCING BAR(S)
321313.F1 WELDED WIRE MESH REINFORCING
321313.G1 CONSTRUCTION JOINT
321313.G2 CONTROL JOINT
321313.G3 EXPANSION JOINT, 1/2" FIBER BOARD

323113.A1 GALVANIZED STEEL FENCE POST(S)
323113.B1 GALVANIZED STEEL FENCE RAIL(S)
323113.C1 CHAIN LINK FENCE FABRIC
323113.D1 CHAIN LINK GATE WITH HARDWARE
323113.E1 STRETCHER BAR
323113.F1 TENSION WIRE

324000.A1 BIKE RACK
324000.B1 BASKETBALL STANDARD AND BACKBOARD
324000.C1 TETHERBALL POST

* 10000.A1 KEYED NOTE USED IN THESE DOCUMENTS
10000.B1 KEYED NOTE NOT USED IN THESE DOCUMENTS

LKV ARCHITECTS
2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
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208.336.3443

LICENSED ARCHITECT
TIMBER
AR-2356
3/24/23
STATE OF IDAHO

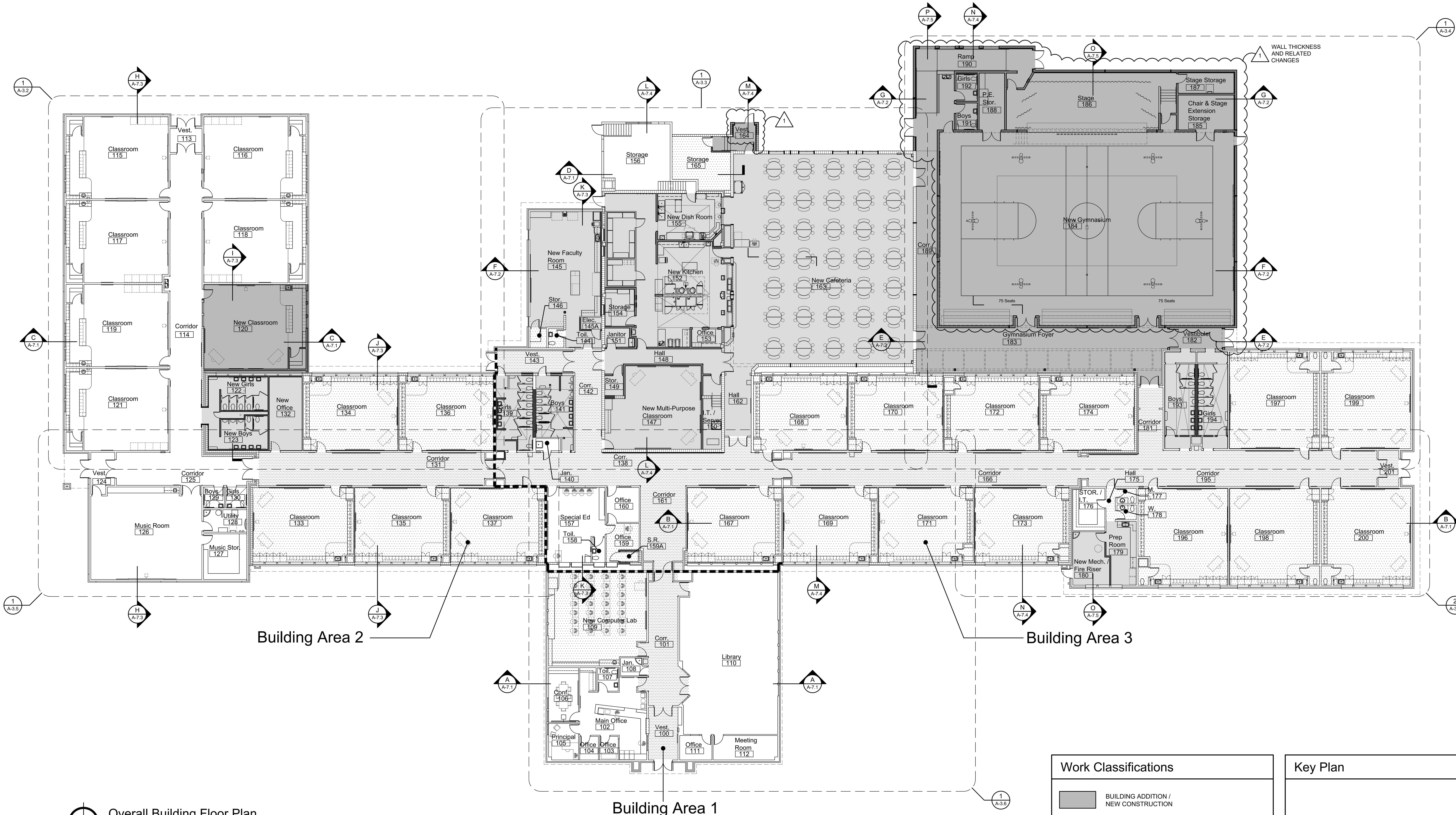
Jefferson Elementary School Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

Agency Review

DRAWING NO.
A-1.3



Overall Building Floor Plan

Scale: 1/16" = 1'-0"

Bid Alternates

BID ALTERNATE NO.1 NEW CORRIDOR FLOOR AND WALL FINISHES AND NEW CORRIDOR DOORS, FRAMES, AND HARDWARE. SEE PROJECT MANUAL FOR COMPLETE SCOPE.

BID ALTERNATE NO. 2 REPLACEMENT ROOF-TOP HVAC UNITS. SEE MECHANICAL FOR QUANTITY AND LOCATIONS.

BID ALTERNATE NO. 3 NEW CAFETERIA WINDOWS IN EXISTING CONCRETE MASONRY WALL. SEE SHEET A-8.1 FOR DETAILS.

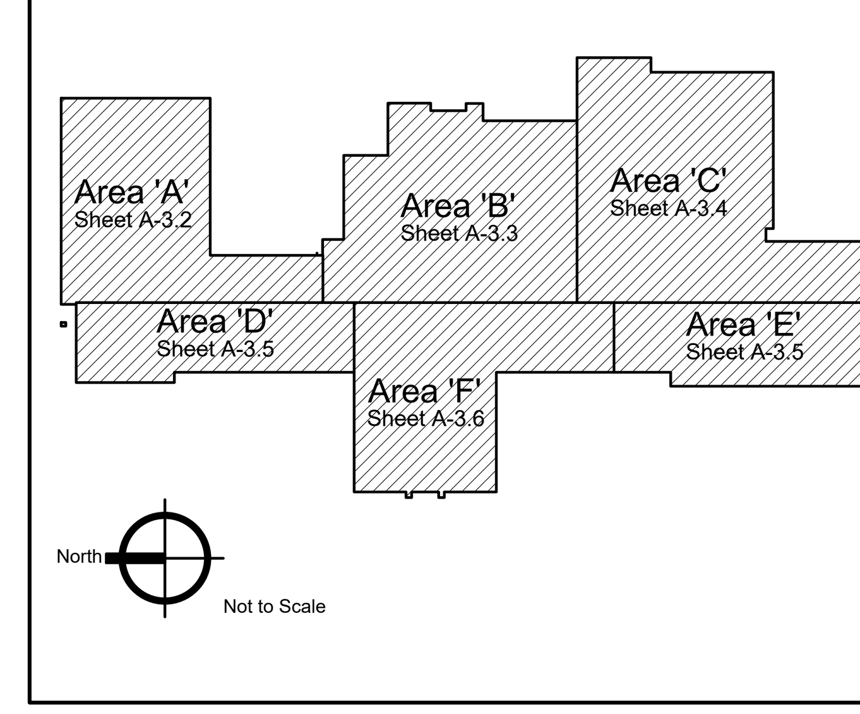
Work Classifications

- BUILDING ADDITION / NEW CONSTRUCTION
- EXTENSIVE INTERIOR REMODELING / RE-CONSTRUCTION
- MODERATE INTERIOR REMODELING / NEW FINISHES AND APPOINTMENTS
- BID ALTERNATE NO. 1 INTERIOR REMODELING / NEW FLOOR AND BASE FINISHES, DOORS, HARDWARE, VISUAL DISPLAY, AND WALL MURAL

NEW FIRE SPRINKLER SYSTEM AND VOICE ANNUNCIATION FIRE ALARM SYSTEM THROUGHOUT

- EXISTING 2-HOUR FIRE WALL

Key Plan



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Agency Review

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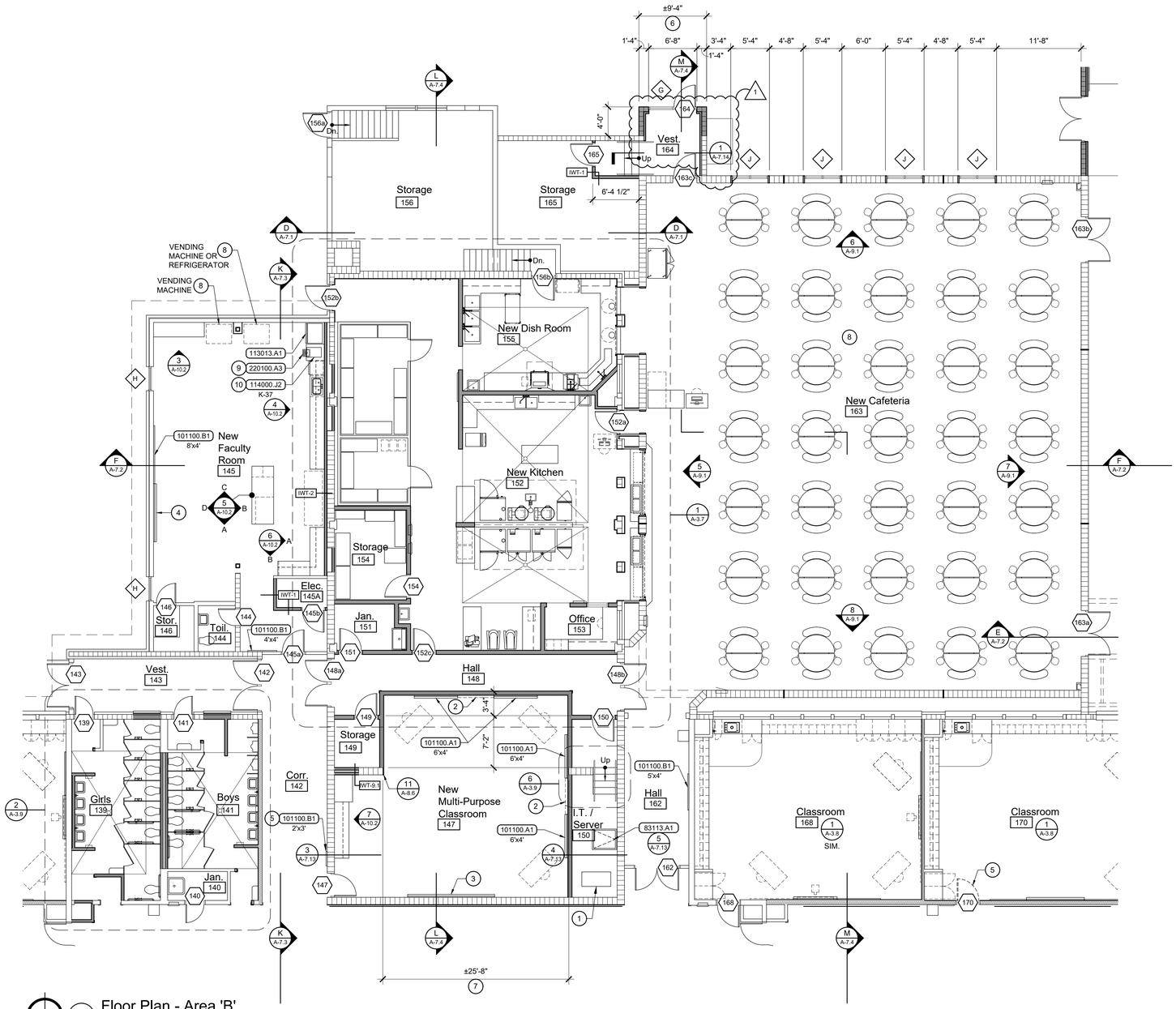
A-3.1



N. 1 Floor Plan - Area 'B'

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

General Notes

1. EXTERIOR DIMENSIONS ARE TO OUTSIDE FACE OF CONCRETE FOUNDATION WALL / CMU / BRICK VENEER UNLESS NOTED OTHERWISE OR UNLESS CENTERLINE DESIGNATION (– – – – –) IS INDICATED.
2. INTERIOR DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE OR UNLESS CENTERLINE (– – – – –) DESIGNATION IS INDICATED.
3. SEE SHEET A-1.1 FOR CODE COMPLIANCE FLOOR PLAN AND BUILDING CODE COMPLIANCE SUMMARY.
4. SEE SHEET A-4.1 FOR ROOM FINISH SCHEDULE.
5. SEE SHEETS A-4.2 AND A-4.3 FOR DOOR SCHEDULE AND DOOR AND WINDOW TYPES.
6. FURNISH AND INSTALL INTERIOR SIGNS AT ALL INTERIOR DOORS, BOTH NEW AND EXISTING, AND AT OTHER LOCATIONS AS SPECIFIED. SEE SPECIFICATIONS AND DETAIL 9, A-9.3.
7. FURNISH AND INSTALL WINDOW BLINDS. SEE SHEETS A-4.2 AND A-4.3.
8. SEE SHEET A-9.1 FOR SPECIALTY ITEM MOUNTING HEIGHTS.
9. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-7), (IWT-7).

Reference Notes

1. EXISTING I.T. RACK.
2. OWNER FURNISHED AND INSTALLED FLAT SCREEN TV.
3. RELOCATE EXISTING MARKER BOARD FROM EAST WALL OF COMPUTER LAB 109.
4. RELOCATE EXISTING MARKER BOARD FROM SOUTH WALL OF COMPUTER LAB 109.
5. BID ALTERNATE NO. 1 WORK ITEM.
6. MATCH EXISTING DIMENSION.
7. FIELD VERIFY EXISTING OPENING WIDTH.
8. OWNER FURNISHED AND INSTALLED FURNITURE / EQUIPMENT (N.I.C.).
9. INSTALL FLUSH TO FLOOR TYPE WITH HALF GRATE COVER. UNCOVERED PORTION BENEATH CABINET.
10. SEE KITCHEN EQUIPMENT SCHEDULE SHEET A-3.7.

Keyed Notes

DIVISION 8 - OPENINGS

83113.A1 ACCESS DOOR

DIVISION 10 - SPECIALTIES

101100.A1 PORCELAIN ENAMEL MARKERBOARD
101100.B1 VINYL FABRIC FACED CORK TACKBOARD

DIVISION 11 - EQUIPMENT

113013.A1 REFRIGERATOR
113013.B1 DISHWASHER

114000.J2 COUNTER TOP ICE MAKER / DISPENSER

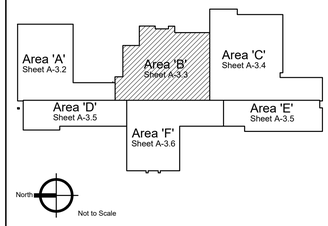
DIVISION 22 - PLUMBING

220100.A3 FLOOR SINK

Legend

- EXISTING WOOD FRAME CONSTRUCTION. NEW SOUND ATTENUATION BATTS WHERE SHOWN.
- NEW WOOD FRAME CONSTRUCTION. NEW SOUND ATTENUATION BATTS WHERE SHOWN.
- EXISTING CONCRETE MASONRY UNIT CONSTRUCTION.
- NEW CONCRETE MASONRY UNIT CONSTRUCTION.

Key Plan



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LICENSED ARCHITECT
MARK VOGEL
NUMBER AR-2356
2/24/23
STATE OF IDAHO

Jefferson Elementary School
Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

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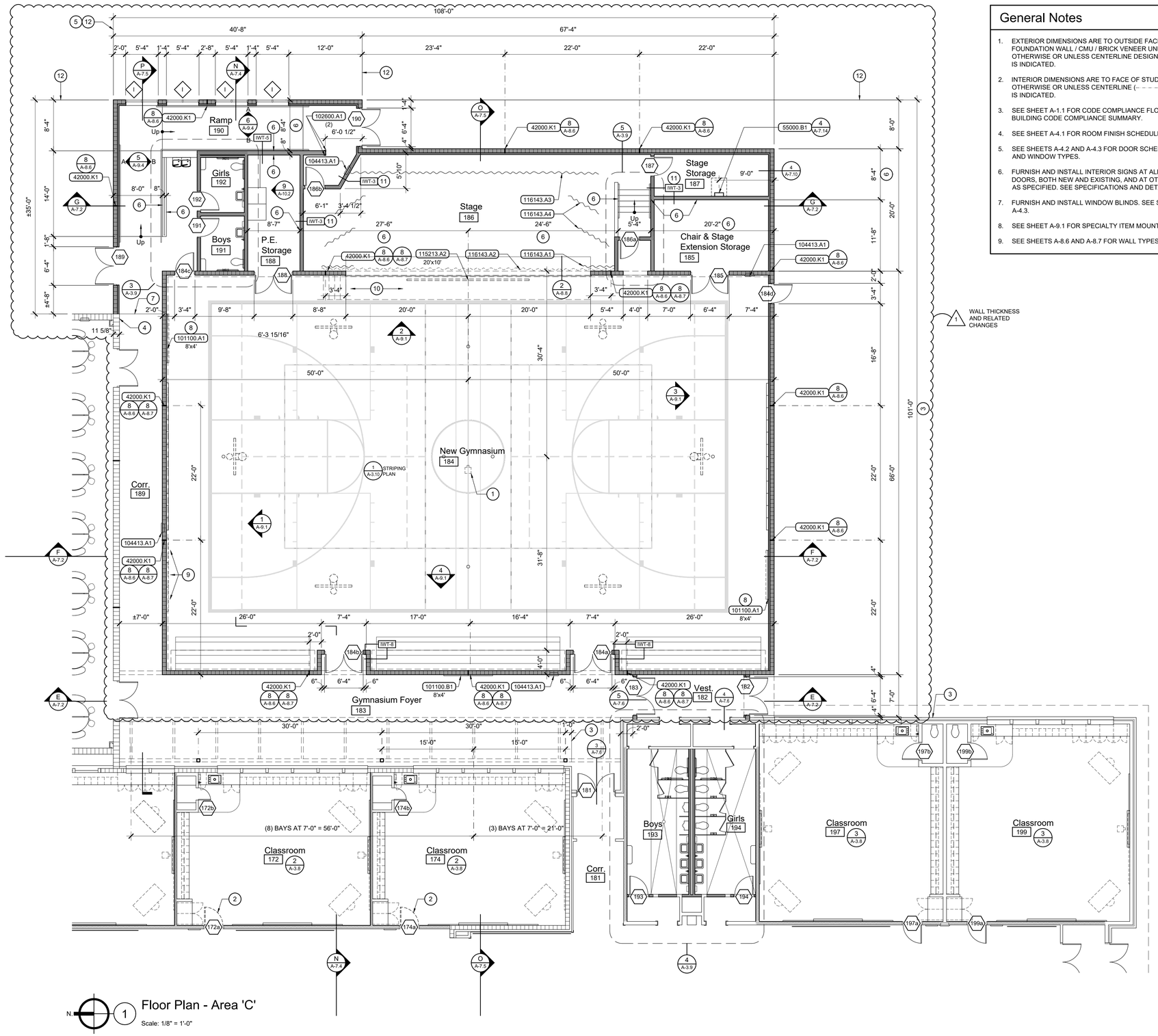
A-3.3



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7. FURNISH AND INSTALL WINDOW BLINDS. SEE SHEETS A-4.2 AND A-4.3.
8. SEE SHEET A-9.1 FOR SPECIALTY ITEM MOUNTING HEIGHTS.
9. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-7) (IWT-7).

Reference Notes

1. PROJECTOR FURNISHED AND INSTALLED BY OWNER.
2. BID ALTERNATE NO. 1 WORK ITEM.
3. BASIS OF NEW CONSTRICTION LAYOUT.: FACE OF EXISTING FOUNDATION WALL / BRICK VENEER.
4. BASIS OF NEW CONSTRICTION LAYOUT: FACE OF EXISTING FOUNDATION WALL / EXTERIOR FACE OF SMOOTH FACE CMU.
5. FACE OF NEW WALL 11 5/8" NORTH OF SOUTH FACE OF EXISTING WALL.
6. DIMENSION TO FACE OF CONCRETE FOUNDATION / RETAINING WALL.
7. FLOORING CHANGE, VCT TO ENTRY CARPET TILE.
8. SUPPLY WITHOUT MARKERBOARD TRAY.
9. RELOCATED CLIMBING WALL PANELS BY OWNER.
10. TEMPORARY, REMOVABLE STAGE THRUST AND STEPS BY OWNER.
11. 1-HOUR RATED FIRE BARRIER. SEE SHEET A-1.1 FOR ASSEMBLY REQUIREMENTS AND DETAIL 5, SHEET A-7.8 FOR TERMINATION AT ROOF DECK.

1 — 12. DIMENSION IS TO OUTSIDE FACE OF CONCRETE FOUNDATION WALL. SET INSIDE FACE OF CMU WALL FLUSH WITH INSIDE FACE OF CONCRETE WALL.

Keyed Notes

DIVISION 5 - METALS

55000.B1 STEEL LADDER

DIVISION 4 - MASONRY

42000.K1 CONTROL JOINT WITH PREFORMED GASKETING

DIVISION 10 - SPECIALTIES

101100.A1 PORCELAIN ENAMEL MARKERBOARD
101100.B1 VINYL FABRIC FACED CORK TACKBOARD

102600.A1 CORNER GUARD, 90°, 4'-0" U.N.O.

104413.A1 FIRE EXTINGUISHER CABINET, SEMI-RECESSED

DIVISION 11 - EQUIPMENT

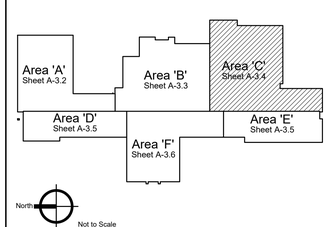
115213.A2 PROJECTION SCREEN, ELECTRIC, SIZE AS NOTED

116143.A1 PROSCENIUM CURTAIN
116143.A2 VALANCE CURTAIN
116143.A3 REAR CURTAIN
116143.A4 LEG CURTAIN

Legend

- EXISTING WOOD FRAME CONSTRUCTION. NEW SOUND ATTENUATION BATTS WHERE SHOWN.
- NEW WOOD FRAME CONSTRUCTION. NEW SOUND ATTENUATION BATTS WHERE SHOWN.
- EXISTING CONCRETE MASONRY UNIT CONSTRUCTION.
- NEW CONCRETE MASONRY UNIT CONSTRUCTION.

Key Plan



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LICENSED ARCHITECT
WENDY TAYLOR
AR-2356
3/24/23
STATE OF IDAHO

Jefferson Elementary School
Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

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CHECKED BY: WT

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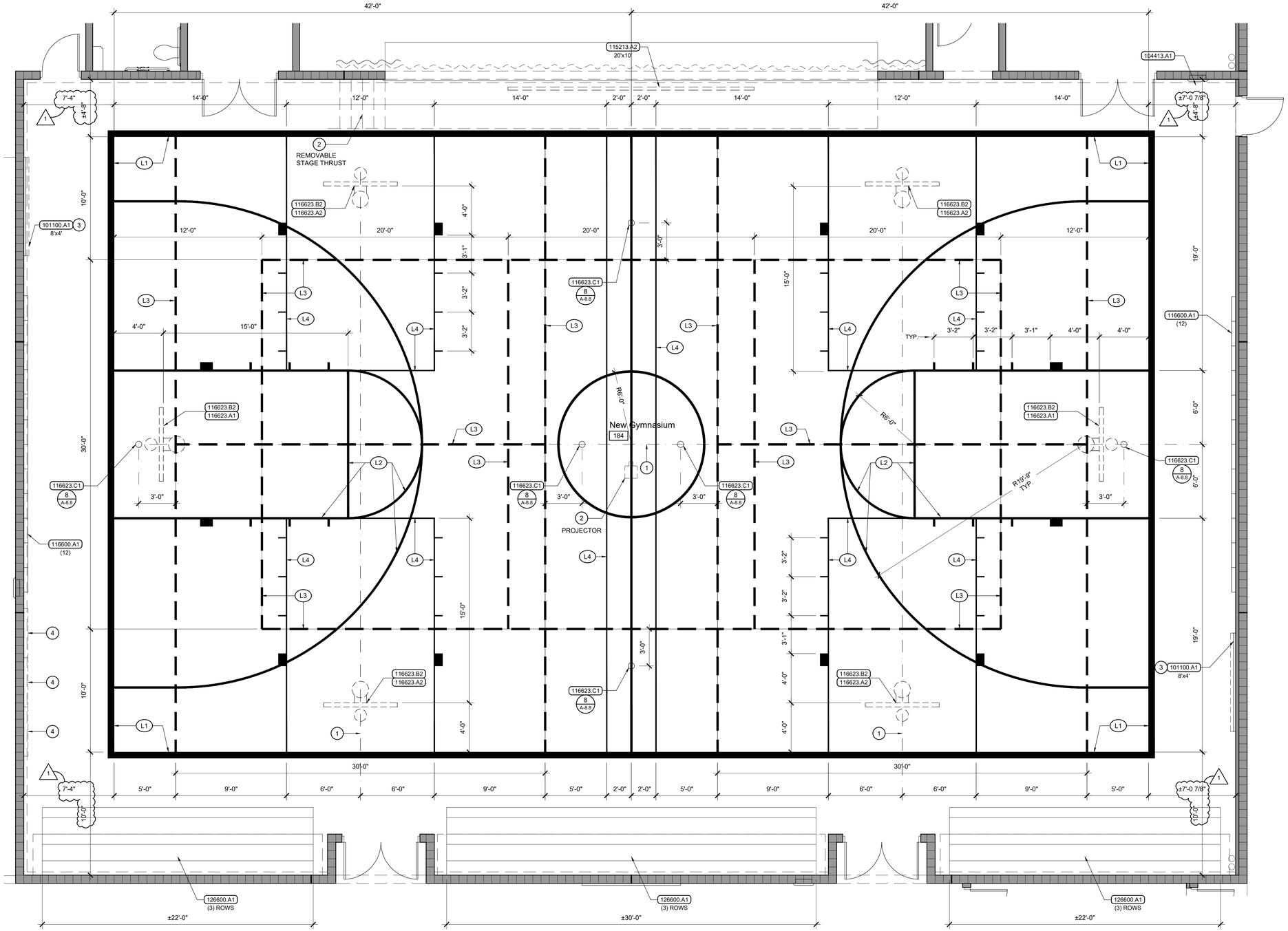
A-3.4



N

1 New Gymnasium 184 Floor Striping Plan

Scale: 1/4" = 1'-0"

General Notes

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8. SEE SHEET A-9.1 FOR SPECIALTY ITEM MOUNTING HEIGHTS.
9. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-?) (IWT-?).

Reference Notes

1. VERIFY THAT COURT AND KEYS MATCH BACKSTOP CENTERLINES.
2. OWNER FURNISHED AND INSTALLED FURNITURE / EQUIPMENT. N.I.C.
3. FURNISH WITHOUT MARKERBOARD TRAY.
4. RELOCATED CLIMBING WALL PANELS BY OWNER.

Keyed Notes

DIVISION 10 - SPECIALTIES

101100.A1	PORCELAIN ENAMEL MARKERBOARD
104413.A1	FIRE EXTINGUISHER CABINET, SEMI-RECESSED

DIVISION 11 - EQUIPMENT

115213.A2	PROJECTION SCREEN, ELECTRIC, SIZE AS NOTED
116600.A1	GYMNASIUM WALL PADS (2'X6')
116623.A1	BASKETBALL BACKSTOP - GLASS
116623.A2	BASKETBALL BACKSTOP - FIBERGLASS
116623.B2	BASKETBALL BACKSTOP SUPPORT - FORWARD FOLDING
116623.C1	VOLLEYBALL POST FLOOR SLEEVE AND COVER

DIVISION 12 - FURNISHINGS

126600.A1	TELESCOPING BLEACHERS, WALL ATTACHED, FORWARD FOLD

Striping Legend

L1	BASKETBALL COURT 6" SOLID PAINT STRIPE, COLOR 'A'.
L2	BASKETBALL KEYS 2" SOLID PAINT STRIPE, COLOR 'A'.
L3	VOLLEYBALL COURT 2" SOLID PAINT STRIPE, COLOR 'B'.
L4	BASKETBALL CROSS COURT 1" SOLID PAINT STRIPE, COLOR 'C'.

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Room Finish Schedule - Building Area 1

Room No.	Room Name	Floor		North		East		South		West		Ceiling			Remarks
		Mat.	Base	Mat.	Finish	Mat.	Finish	Mat.	Finish	Mat.	Finish	Mat.	Finish	Height	
100	VESTIBULE	ETR	ETR	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	ETR	ETR	
101	CORRIDOR	VCT	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	ETR	ETR	
109	NEW COMPUTER LAB	CT	RB	ETR	PNT	ETR	ETR	ETR	ETR	ETR	PNT	SAP	FACT	20	

Room Finish Schedule - Building Area 2

Room No.	Room Name	Floor		North		East		South		West		Ceiling			Remarks
		Mat.	Base	Mat.	Finish	Mat.	Finish	Mat.	Finish	Mat.	Finish	Mat.	Finish	Height	
113	VESTIBULE	ETR	ETR	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	ETR	ETR	
114	CORRIDOR	ETR	ETR	ETR	PNT	ETR	PNT	ETR	PNT	-	-	ETR	ETR	ETR	6 21 22
120	NEW CLASSROOM	CT	RB	GB	PNT	GB	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	30
122	NEW GIRLS	PFT	CWT	GB	PNT	17	17	17	17	17	17	GB	PNT	8'-0"	
123	NEW BOYS	PFT	CWT	GB	PNT	17	17	17	17	17	17	GB	PNT	8'-0"	
124	VESTIBULE	ETR	ETR	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	ETR	ETR	
125	CORRIDOR	ETR	ETR	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	ETR	ETR	6
131	CORRIDOR	VCT	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	SAP	FACT	8'-6"	
132	NEW OFFICE	CT	RB	GB	PNT	GB	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	
133	CLASSROOM	CT	RB	GB	PNT	GB	PNT	ETR	PNT	ETR	PNT	SAP	FACT	9'-0"	6 30
134	CLASSROOM	CT	RB	ETR	PNT	ETR	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	6 30
135	CLASSROOM	CT	RB	GB	PNT	GB	PNT	ETR	PNT	ETR	PNT	SAP	FACT	9'-0"	6 30
136	CLASSROOM	CT	RB	ETR	PNT	ETR	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	6 30
137	CLASSROOM	CT	RB	GB	PNT	GB	PNT	ETR	PNT	ETR	PNT	SAP	FACT	9'-0"	6 30

Room Finish Schedule - Building Area 3

Room No.	Room Name	Floor		North		East		South		West		Ceiling			Remarks
		Mat.	Base	Mat.	Finish	Mat.	Finish	Mat.	Finish	Mat.	Finish	Mat.	Finish	Height	
138	CORRIDOR	VCT	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	SAP	FACT	8'-6"	12 23
139	GIRLS	PFT	CWT	17	17	17	17	17	17	17	17	GB	PNT	20	6
140	JANITOR	ETR	ETR	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	4
141	BOYS	PFT	CWT	17	17	17	17	17	17	17	17	GB	PNT	20	6
142	CORRIDOR	VCT	RB	ETR	PNT	ETR	PNT	ETR	PNT	-	-	SAP	FACT	8'-6"	23
143	VESTIBULE	ECT	RB	ETR	PNT	ETR	7	ETR	PNT	ETR	7	SAP	FACT	8'-6"	24
144	TOILET	SV	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	
145	NEW FACULTY ROOM	VCT	RB	GB	PNT	GB	PNT	GB	PNT	GB	PNT	GB	PNT	VARIES	6
145A	ELECTRICAL	SC	RB	GB	PNT	ETR	PNT	ETR	PNT	GB	PNT	GB	PNT	VARIES	
146	STORAGE	ETR	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	
147	NEW MULTI-PURPOSE CLASSROOM	CT	RB	ETR/GB	PNT	GB	PNT	GB	PNT	ETR	PNT	SAP	FACT	9'-0"	
148	HALL	VCT	RB	ETR	PNT	GB	PNT	ETR	PNT	GB	PNT	SAP	FACT	9'-0"	
149	STORAGE	VCT	RB	ETR	PNT	GB	PNT	GB	PNT	ETR/GB	PNT	GB	PNT	9'-0"	
150	I.T. / SERVER	ETR	RB	GB	PNT	GB	PNT	ETR	PNT	ETR	PNT	ETR	ETR	ETR	6 11 15
151	JANITOR	SC	RB	ETR	PNT	GB	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	4
152	NEW KITCHEN	RSKF	29	GB	FRP	GB	FRP	GB	FRP	GB	FRP	SAP	1 2	9'-0"	6 19 31
153	OFFICE	RSKF	29	GB	FRP	GB	FRP	GB	FRP	GB	FRP	SAP	FACT	9'-0"	19 31
154	STORAGE	RSKF	29	GB	FRP	GB	FRP	GB	FRP	GB	FRP	SAP	1	9'-0"	19 31
155	NEW DISH ROOM	RSKF	29	GB	FRP	GB	FRP	GB	FRP	GB	FRP	SAP	1	9'-0"	19 31
159	OFFICE	CT	RB	ETR	PNT	ETR	PNT	ETR/GB	PNT	ETR/GB	PNT	ETR	ETR	ETR	
159A	SENSORY ROOM	28	-	ARGB	28	ARGB	28	ETR	28	ETR/GB	28	ARGB	PNT	8'-0"	
161	CORRIDOR	VCT	RB	ETR	PNT	-	-	ETR	PNT	ETR	PNT	SAP	FACT	8'-6"	
162	HALL	VCT	RB	ETR	PNT	-	-	ETR	PNT	ETR	PNT	SAP	FACT	8'-6"	
163	NEW CAFETERIA	VCT	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ES	PNT	VARIES	3 5 6 8 27 19
164	VESTIBULE	VCT	RB	ARGB	PNT	ARGB	PNT	ARGB	PNT	GB/ETR	PNT	SAP	FACT	10'-0"	
165	STORAGE	ETR	RB	ETR	PNT	ETR/GB	PNT	ETR/GB	PNT	ETR	PNT	ETR	ETR	ETR	
166	CORRIDOR	VCT	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	SAP	FACT	8'-6"	6 23
167	CLASSROOM	CT	RB	GB	PNT	GB	PNT	ETR	PNT	ETR	PNT	SAP	FACT	9'-0"	6 30
168	CLASSROOM	CT	RB	ETR	PNT	ETR	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	6 30
169	CLASSROOM	CT	RB	GB	PNT	GB	PNT	ETR	PNT	ETR	PNT	SAP	FACT	9'-0"	6 30
170	CLASSROOM	CT	RB	ETR	PNT	ETR	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	6 30
171	CLASSROOM	CT	RB	GB	PNT	GB	PNT	ETR	PNT	ETR	PNT	SAP	FACT	9'-0"	6 30
172	CLASSROOM	CT	RB	ETR	PNT	ETR	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	6 30
173	CLASSROOM	CT	RB	GB	PNT	GB	PNT	ETR	PNT	ETR	PNT	SAP	FACT	9'-0"	6 30
174	CLASSROOM	CT	RB	ETR	PNT	ETR	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	6 30
175	HALL	SV	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	ETR	ETR	
176	STORAGE / I.T.	ETR	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	ETR	ETR	
177	MEN	SV	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	
178	WOMEN	SV	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	ETR	
179	PREP ROOM	SV	RB	ETR	PNT	ETR	PNT	ETR	PNT	GB	PNT	SAP	FACT	20	
180	NEW MECHANICAL / FIRE RISER	SC	RB	ETR	PNT	ETR	PNT	GB	PNT	ETR	PNT	GB	PNT	8'-0"	
181	CORRIDOR	VCT	RB	ETR	PNT	ETR	PNT	ETR	PNT	-	-	SAP	FACT	8'-6"	6 23
182	VESTIBULE	ECT	RB	CMU	PNT	CMU	PNT	ARGB	PNT	ETR	7	SAP	FACT	8'-6"	6
183	GYMNASIUM FOYER	VCT	RB	ETR	7	CMU	PNT	ETR	7	ETR	7	ES	PNT	VARIES	6 8 18
184	NEW GYMNASIUM	HRDW	VB	16	PNT	16	PNT	ARBG	PNT	16	PNT	ES	PNT	VARIES	6 8 10 18
185	CHAIR & STAGE EXTENSION STORAGE	SC	RB	GB	PNT	GB	PNT	GB	PNT	CMU	PNT	SAP	FACT	10'-0"	
186	STAGE	PWD	VB	GB	PNT	GB	PNT	GB	PNT	CMU	PNT	ES	PNT	VARIES	11 32
187	STAGE STORAGE	SC	RB	GB	PNT	GB	PNT	GB	PNT	GB	PNT	SAP	FACT	10'-0"	6
188	P.E. STORAGE	SC	RB	GB	PNT	GB	PNT	GB	PNT	CMU	PNT	SAP	FACT	10'-0"	
189	CORRIDOR	VCT	RB	ETR	7	-	-	CMU	PNT	-	-	SAP	FACT	9'-0"	6
190	RAMP	ECT	RB	ARGB	PNT	ARGB	PNT	ARGB	PNT	ARGB/ CMU	PNT	SAP	FACT	9'-0"	6 9 13
191	BOYS	PFT	CWT	17	17	17	17	17	17	17	17	GB	PNT	8'-0"	
192	GIRLS	PFT	CWT	17	17	17	17	17	17	17	17	GB	PNT	8'-0"	
193	BOYS	PFT	CWT	17	17	17	17	17	17	17	17	GB	PNT	20	
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196	CLASSROOM	CT	RB	ETR	PNT	GB	PNT	GB	PNT	ETR	PNT	SAP	FACT	9'-0"	6 26 30
197	CLASSROOM	CT	RB	GB	PNT	ETR	PNT	ETR	PNT	GB	PNT	SAP	FACT	9'-0"	6 30
198	CLASSROOM	CT	RB	GB	PNT	GB	PNT	ETR	PNT	ETR	PNT	SAP	FACT	9'-0"	6 30
199	CLASSROOM	CT	RB	ETR	PNT	ETR	PNT	GB	PNT	GB	PNT	SAP	FACT	9'-0"	6 30
200	CLASSROOM	CT	RB	ETR	PNT	GB	PNT	GB	PNT	ETR	PNT	SAP	FACT	9'-0"	6 30
201	VESTIBULE	ECT	RB	ETR	PNT	ETR	PNT	ETR	PNT	ETR	PNT	SAP	FACT	8'-6"	

1 — 183 GYMNASIUM FOYER; 184 NEW GYMNASIUM

General Notes

1. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR INCIDENTAL PATCHING, PAINTING, AND CEILING PANEL REPLACEMENT THROUGHOUT THE BUILDING WHERE BUILDING FEATURES AND OR SYSTEMS (I.E. MECHANICAL, PLUMBING, ELECTRICAL, DATA, COMMUNICATIONS, AND FIRE PROTECTION) ARE BEING EITHER MODIFIED OR ADDED. SEE DEMOLITION, FLOOR PLAN, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SHEETS.
3. SEE SPECIFICATIONS FOR ALLOWABLE NUMBER OF COLORS AND / OR PATTERNS PER ROOM OR MATERIAL.
4. SHADED CELLS IDENTIFY BID ALTERNATE NO. 1 WORK ITEMS.
5. IN BASE BID SCOPE OF WORK, COVER AND PROTECT ALL FLOORING AND BASE NOT BEING REMOVED AND REPLACED IN BASE BID.
6. SEE DOOR SCHEDULE FOR DOOR AND FRAME PAINTING REQUIREMENTS.
7. PAINTING CONTRACTOR SHALL PRIME AND PAINT ALL EXPOSED TO VIEW FIRE SPRINKLE PIPING, WHETHER OR NOT LOCATED IN A SPACE WITH EXPOSED OVERHEAD STRUCTURE.

Legend

ARGB	ABUSE RESISTANT GYPSUM BOARD
A.F.F.	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
C	CARPET
CMU	CONCRETE MASONRY UNITS
CT	CARPET TILE
CWT	CERAMIC WALL TILE
ECT	ENTRY CARPET TILE
ETR	EXISTING TO REMAIN
ES	EXPOSED STRUCTURE
FACT	FACTORY FINISH
FIB	FIBERGLASS
FRP	FIBERGLASS REINFORCED PLASTIC PANEL
FW	FLUSH WOOD
GB	GYPSUM BOARD
GPC	GROUND AND POLISHED CONCRETE
HM	HOLLOW METAL
HRWD	HARDWOOD
KDF	KNOCK DOWN FRAME
PNT	PAINT
PFT	PORCELAIN FLOOR TILE
PWD	PLYWOOD
QT	QUARRY TILE
RB	COVED RUBBER BASE
RPW	RAISED PANEL WOOD
RSF	RESILIENT SHEET FLOORING
RSKF	RESILIENT SHEET KITCHEN FLOORING
S	SEALER
SAP	SUSPENDED ACOUSTIC PANEL
SC	SEALED CONCRETE
SPC	STAINED AND POLISHED CONCRETE
SSC	STAINED AND SEALED CONCRETE
STL	STEEL
STN	STAIN
SV	SHEET VINYL
VB	VENTED BASE
VCT	VINYL COMPOSITION TILE
WB	WOOD BASE

Finish Schedule Notes

1. WASHABLE, VINYL FACED, CEILING PANELS. SEE SPECS.
2. NON-COMBUSTIBLE CEILING PANELS AROUND HOOD. SEE SPECS.
3. FABRIC COVERED SOUND PANELS WHERE SHOWN ON INTERIOR ELEVATIONS.
4. 4'-0"x4'-0" FRP PANEL BEHIND MOP SINK, (2) OR (3) ADJACENT WALLS.
5. CERAMIC TILE AT WINDOW SILLS. SEE DETAILS.
6. SEE REFLECTED CEILING PLANS AND INTERIOR ELEVATIONS FOR GYPSUM BOARD / CMU SOFFIT AND BULKHEAD LOCATIONS AND HEIGHTS. PAINT.
7. PRIME AND PAINT EXISTING UNPAINTED BRICK OR CMU.
8. PAINT EXPOSED ROOF JOISTS, ROOF DECK, DUCTWORK, AND INCIDENTAL PIPING AND CONDUIT. ROOF DECK AND ROOF JOISTS SHALL BE PAINTED THE SAME COLOR. DUCTWORK SHALL BE PAINTED A DIFFERENT COLOR. INCIDENTAL PIPING AND CONDUIT SHALL BE PAINTED TO MATCH ADJACENT SURFACE. SEE INTERIOR ELEVATIONS FOR WALL PAINTING. FIELD PAINT DIFFUSERS AND GRILLES ATTACHED TO DUCTWORK TO MATCH DUCTWORK.
9. CERAMIC TILE TO TOP OF WALL BEHIND DRINKING FOUNTAIN.
10. TECTUM SOUND PANELS WHERE SHOWN ON INTERIOR ELEVATIONS.
11. RUBBER TREAD, RISER, AND SKIRTING MATERIAL AT STEPS.
12. BID ALTERNATE NO. 1 GRAPHIC WALL COVERING. SEE FLOOR PLANS FOR LOCATIONS AND EXTENT.
13. MEASURED FROM FLOOR LEVEL AT TOP OF RAMP.
14. GYMNASIUM WALL PADS FROM +4" A.F.F. TO +7'-4" A.F.F. SEE INTERIOR ELEVATIONS.
15. PLYWOOD WALL COVERING OVER GYPSUM BOARD WHERE REQUIRED FOR MOUNTING OF ELECTRICAL COMPONENTS.
16. CMU / ABUSE RESISTANT GYPSUM BOARD. SEE WALL SECTIONS AND INTERIOR ELEVATIONS.
17. CERAMIC WALL TILE WAINSCOT TO 6'-0" A.F.F. OVER CEMENTITIOUS BACKER UNITS PER INTERIOR ELEVATIONS. PAINTED GYPSUM BOARD ABOVE TILE . ABUSE-RESISTANT GYPSUM BOARD ON ALL FULL HEIGHT, NON-TILED WALL SURFACES.
18. SEE REFLECTED CEILING PLAN FOR IMPACT RESISTANT ACOUSTICAL PANEL SOUND TREATMENT.
19. REMOVE BOTTOM OF FRP SEAM COVERS EQUAL TO HEIGHT OF BASE MATERIAL TO ALLOW FLUSH, UNIFORM INSTALLATION OF COVE BASE.
20. MATCH EXISTING.
21. PATCH BACK VCT FLOORING AS REQUIRED AT NEW RESTROOM WALL OPENING.
22. AT SOUTH WALL, REPAIR FINISHES AT NEW OPENINGS AND, IN BASE BID, REPAINT WALL SURFACE ADJACENT TO ROOM 120 AND NEW RESTROOMS.
23. NEW GYPSUM BOARD AND PAINT AT NEW / MODIFIED DOORS, DOOR AND FRAME REMOVALS, AND DOOR SWING FURR-OUT.
24. NEW GYPSUM BOARD AND PAINT AT WINDOW INFILL. SEE DETAILS.
25. GYPSUM BOARD AND PAINT AT RESTROOM DOOR ALCOVE WALLS AND CEILINGS.
26. NEW GYPSUM BOARD AND PAINT AT FOLDING DOOR POCKET INFILL AT NORTH WALL.
27. DECORATIVE FRP AT KITCHEN SERVING COUNTER AND DOOR ALCOVES. PAINTED GYPSUM BOARD ALCOVE CEILINGS.
28. SAFETY FLOOR AND WALL PADS. SEE SPECIFICATIONS.
29. INTEGRAL COVE BASE.
30. VCT AT SINK AREA. SEE FLOOR PLANS.
31. MASTIC GYPSUM BOARD TO CMU AS SUBSTRATE FOR FRP.
32. HARDWOOD FLOORING AT STAGE FRONT PER DETAILS ON DRAWINGS.

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LICENSED ARCHITECT — NUMBER AR-2396 — 2/24/23 — STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

Agency Review

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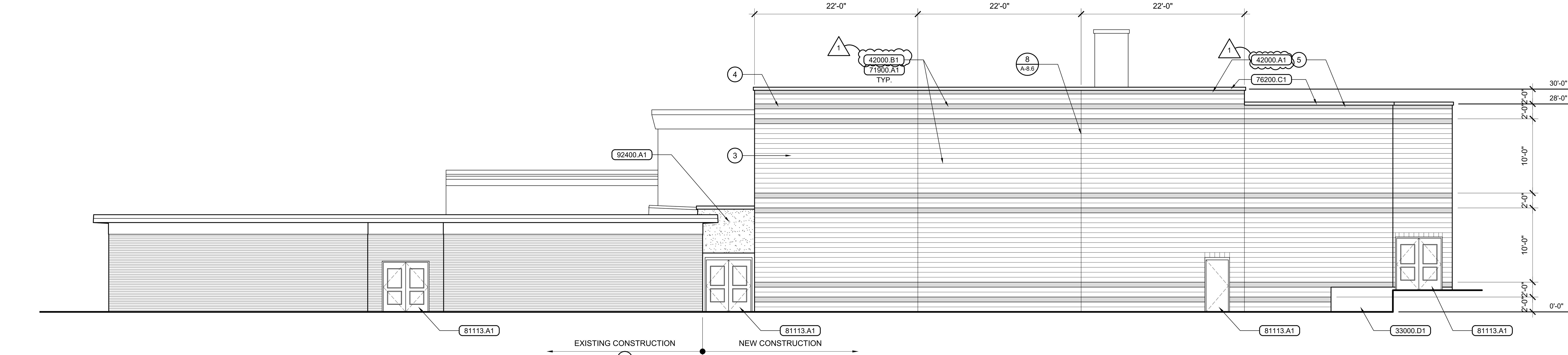
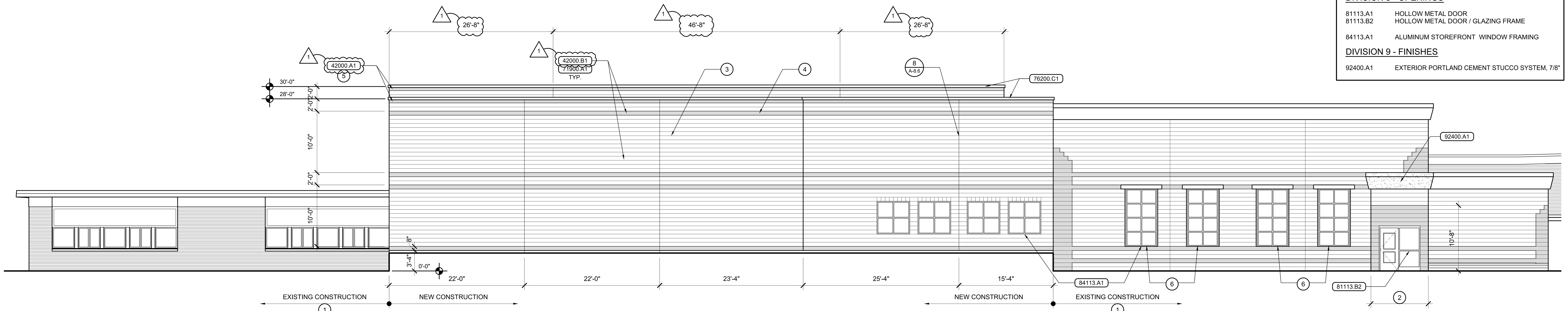
A-4.1



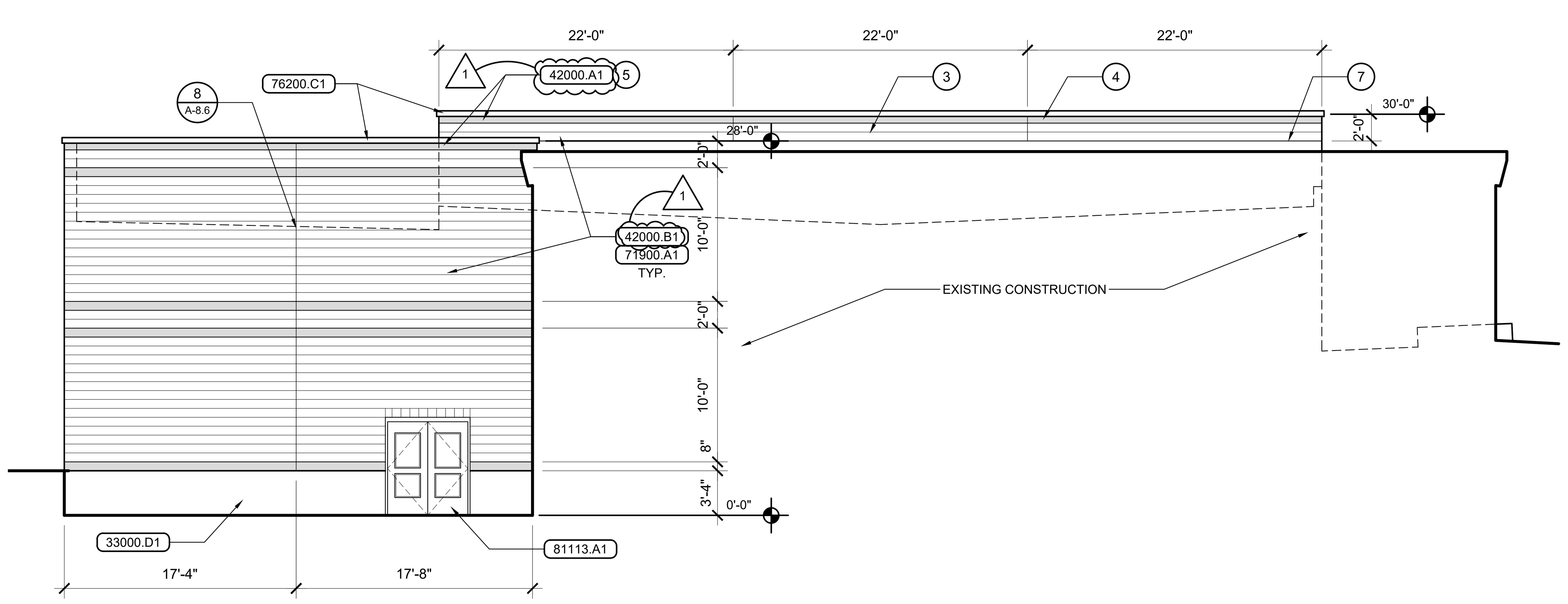
1 South Elevation

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



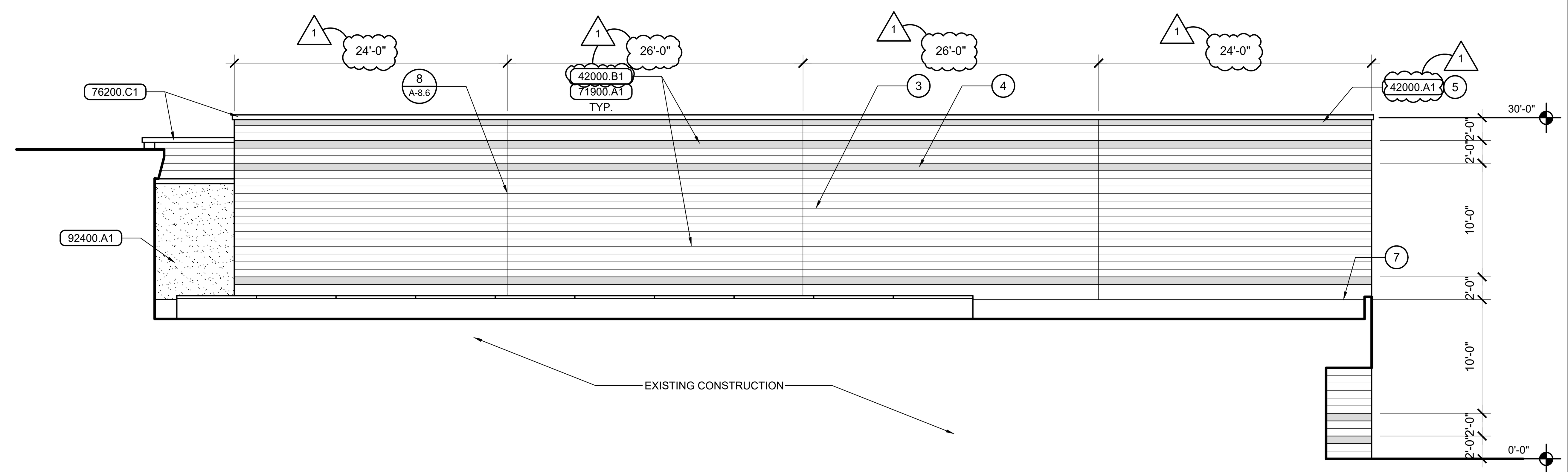
2 East Elevation

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



3 North Elevation

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



4 West Elevation

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

General Notes

1. SEE WALL SECTIONS AND DETAILS FOR EXTERIOR CONSTRUCTION.

Reference Notes

1. EXISTING CONSTRUCTION EXCEPT AS INDICATED OTHERWISE.
2. NEW VESTIBULE EXTENSION.
3. CMU COLOR A.
4. CMU COLOR B.
5. SMOOTH FACE CMU AT TOP COURSE ONLY.
6. NEW WINDOW AND STEEL LINTEL. BID ALTERNATE NO. 1 WORK ITEM.
7. TOP OF MEMBRANE ROOF FLASHING.

Keyed Notes

DIVISION 3 - CONCRETE

33000.D1	CONCRETE WALL

DIVISION 4 - MASONRY

42000.A1	CONCRETE MASONRY UNIT(S) SMOOTH FACE, 8x8x16
42000.B1	CONCRETE MASONRY UNIT(S) SPLIT FACE, 8x8x16

DIVISION 7 - THERMAL & MOISTURE PROTECTION

71900.A1	WATER REPELLENT
76200.C1	PRE-FINISHED METAL COPING, 24 GA.

DIVISION 8 - OPENINGS

81113.A1	HOLLOW METAL DOOR
81113.B2	HOLLOW METAL DOOR / GLAZING FRAME
84113.A1	ALUMINUM STOREFRONT WINDOW FRAMING

DIVISION 9 - FINISHES

92400.A1	EXTERIOR PORTLAND CEMENT STUCCO SYSTEM, 7/8"

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LICENSED ARCHITECT AMBER ... AR-2... STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
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REVISIONS:
1 7/28/23

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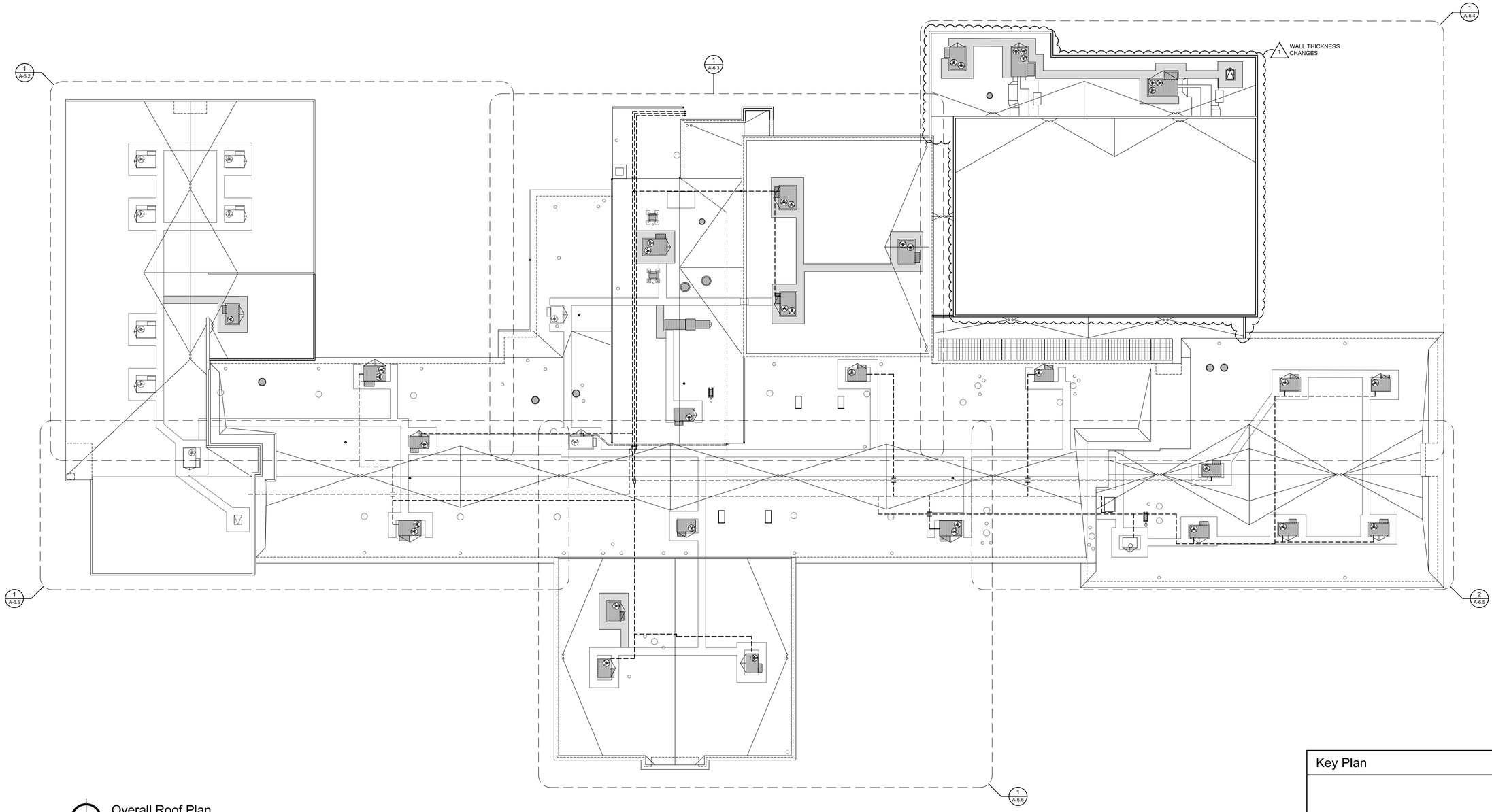

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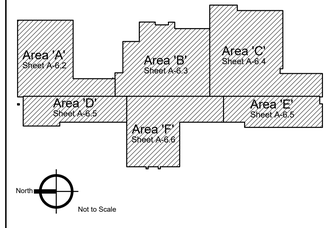
Overall Roof Plan

Scale: 1/16" = 1'-0"

Key Plan



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LICENSED ARCHITECT
TIMOTHY R. WOOD
NUMBER AR-2356
7/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
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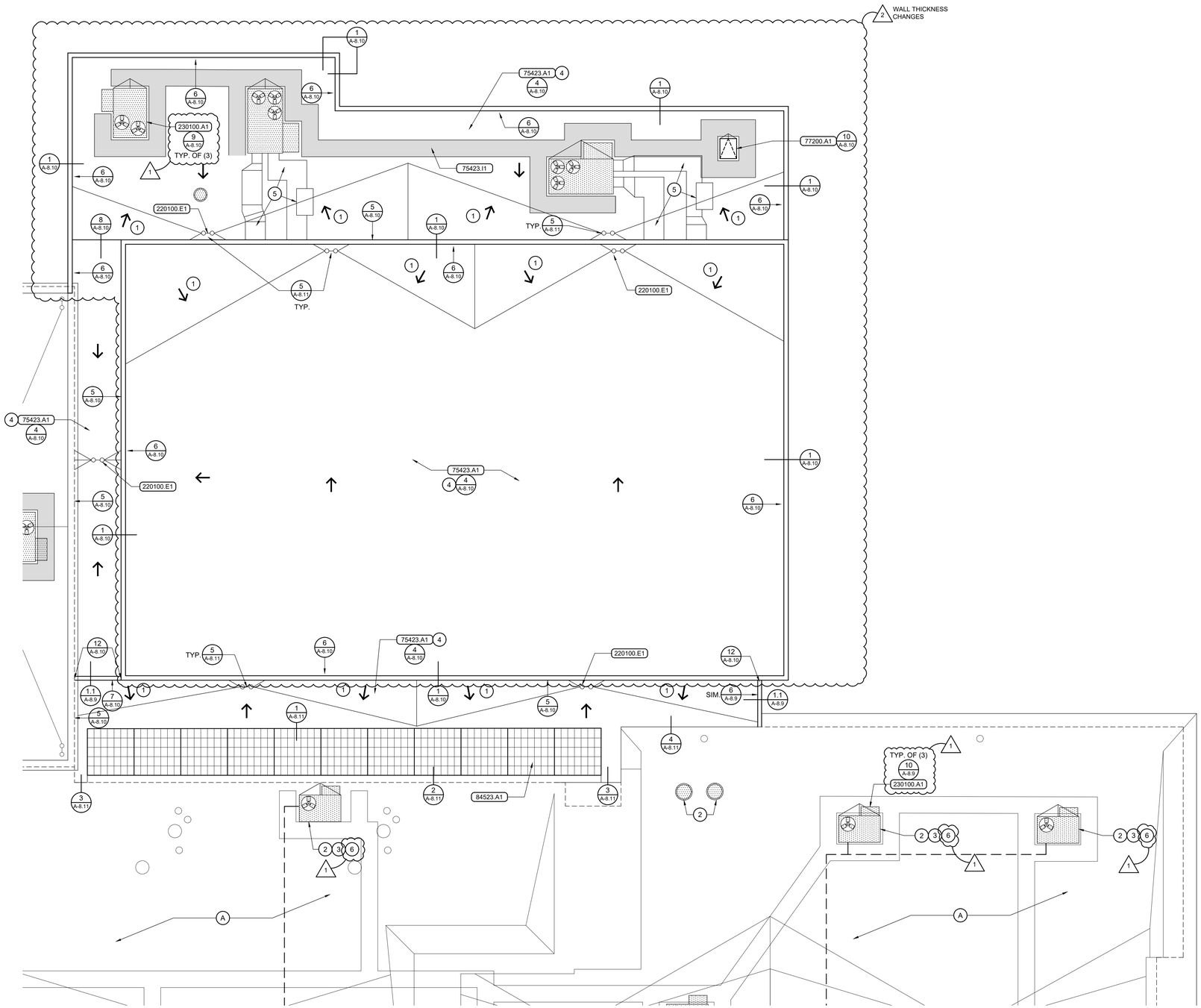

N

1 Roof Plan - Area 'C'

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

General Notes

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2. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.
3. TYPICAL ROOF SLOPE 1/4" PER FOOT EXCEPT AS NOTED OTHERWISE. SEE SECTIONS FOR EXACT ELEVATIONS.
4. ALL CRICKETS SHALL SLOPE 1/2" PER FOOT FROM HORIZONTAL PLANE.
5. POLYISOCYANURATE ROOF INSULATION SHALL BE INSTALLED IN (2) 2 1/2" LAYERS FOR A TOTAL THICKNESS OF 5".
6. VERIFY ROOF MOUNTED EQUIPMENT WEIGHTS WITH MANUFACTURER PRIOR TO DESIGNING TRUSSES.
7. SEE FLASHING DETAIL 11, SHEET A-8.9 FOR TYPICAL PIPE FLASHING.

Reference Notes

(A) EXISTING SINGLE-PLY MEMBRANE ROOF ASSEMBLY TO REMAIN.

(1) CRICKET / SADDLE. TYPICAL 1/2" PER FOOT SLOPE FROM HORIZONTAL PLANE.

(2) SEE MECHANICAL FOR NEW ROOF TOP UNIT CURB REQUIREMENTS.

(3) BID ALTERNATE NO. 2 WORK ITEM.

(4) TYPICAL 1/4" PER FOOT ROOF SLOPE.

(5) ELEVATED DUCTWORK. SEE MECHANICAL.

1 (6) FIELD VERIFY EXISTING MEMBRANE TYPE AND MAKE PATCHES / TRANSITION TO NEW FLASHING PER EXISTING MANUFACTURER'S REQUIREMENTS.

Keyed Notes

DIVISION 7 - THERMAL & MOISTURE PROTECTION

75423.A1 SINGLE-PLY ROOFING MEMBRANE - MECH. FASTENED TPO
75423.I1 RUBBER WALK STRIPS, 30" WIDE
77200.A1 PRE-FABRICATED ROOF HATCH AND CURB

DIVISION 8 - OPENINGS

84523.A1 TRANSLUCENT FIBERGLASS SANDWICH PANEL ASSEMBLY

DIVISION 22 - PLUMBING

220100.E1 ROOF DRAIN

DIVISION 23 - MECHANICAL

230100.A1 MECHANICAL ROOFTOP EQUIPMENT

Legend

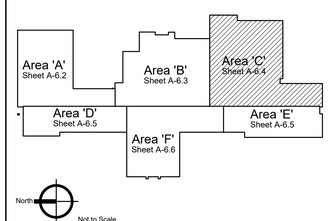
ROOF SLOPE (DOWN).

MECHANICAL EQUIPMENT / DUCT / FLUE. SEE MECHANICAL SHEETS AND FLASHING DETAILS 9 & 11, SHEET A-8.10. UNSHADED EQUIPMENT IS EXISTING.

RUBBER WALK STRIP (75423.I1).

ROOF / OVERFLOW DRAIN (220100.E1).

Key Plan



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LICENSED ARCHITECT
NUMBER AR-2356
2/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
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1 5/16/23
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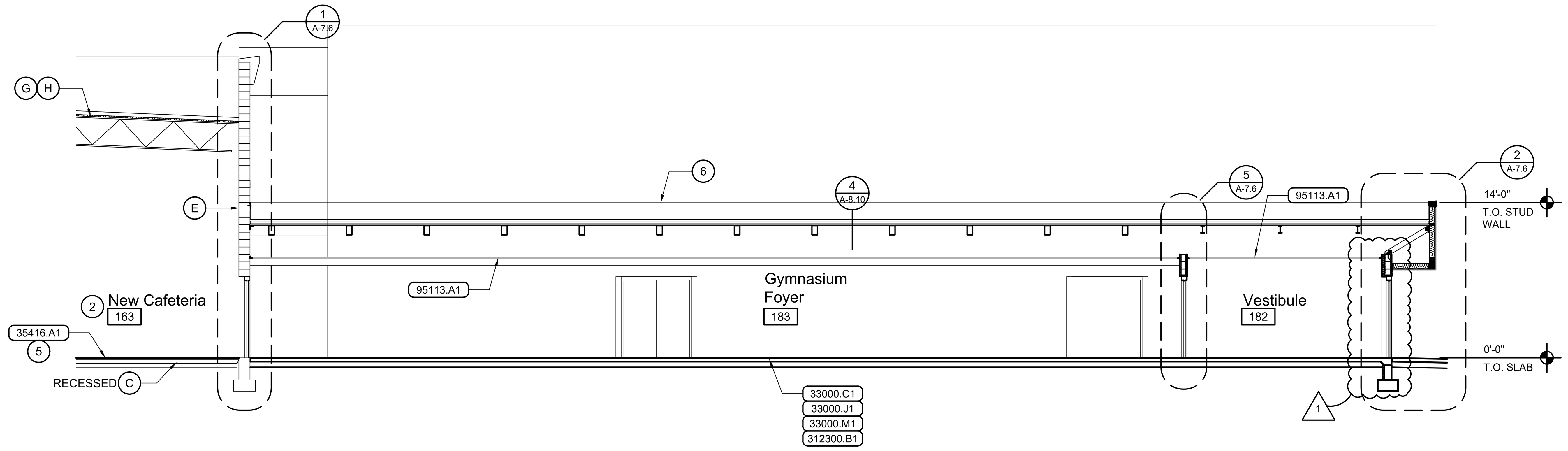
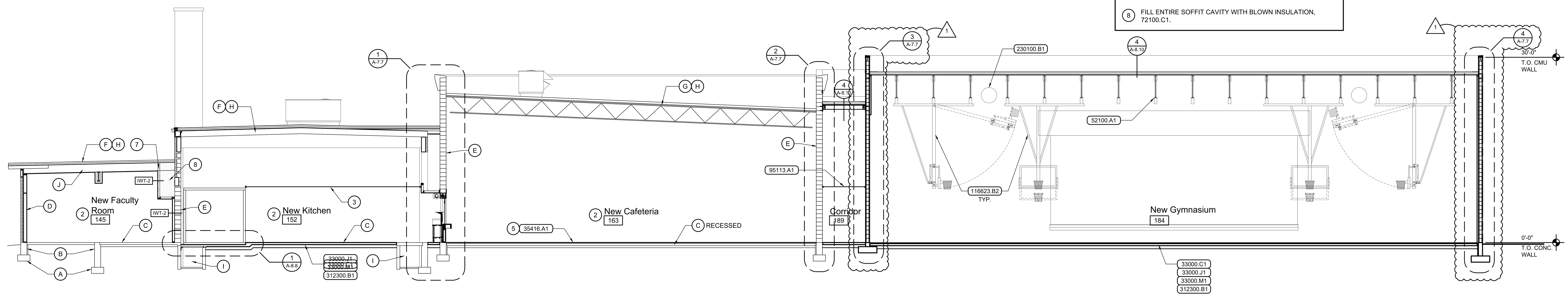
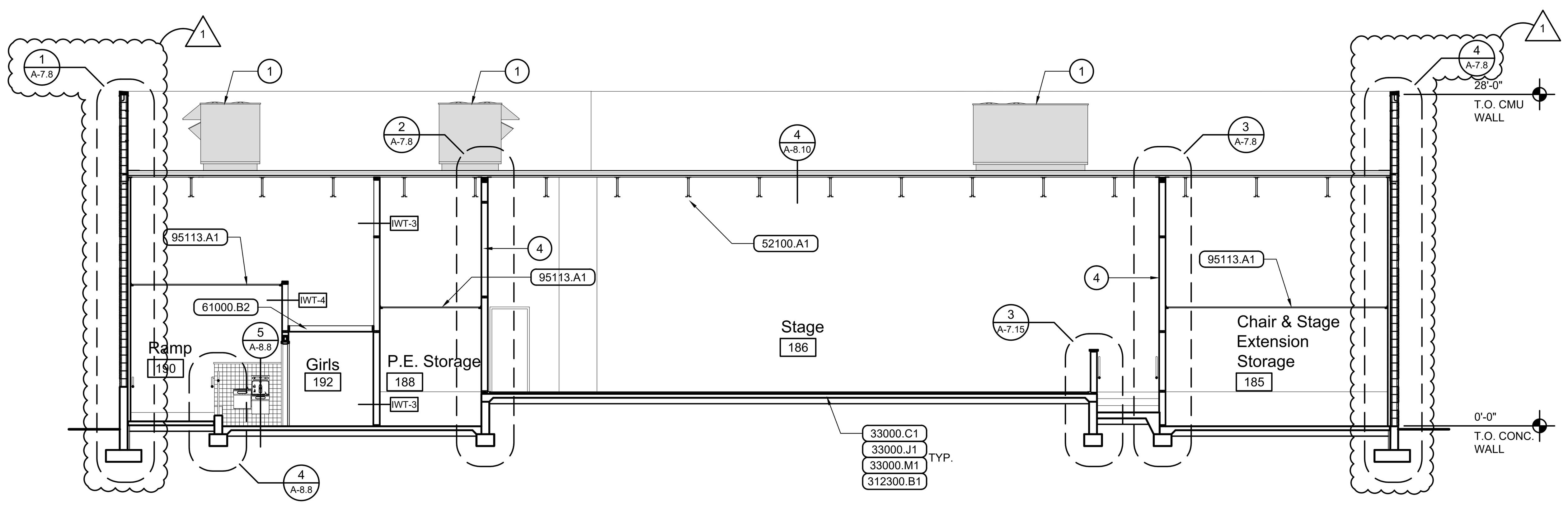


E Building Section
Scale: 1/8" = 1'-0"



F Building Section
Scale: 1/8" = 1'-0"



G Building Section
Scale: 1/8" = 1'-0"

Reference Notes

- (A) EXISTING CONCRETE FOOTING.
- (B) EXISTING CONCRETE FOUNDATION WALL.
- (C) EXISTING CONCRETE FLOOR SLAB.
- (D) EXISTING WOOD STUD WALL.
- (E) EXISTING CONCRETE MASONRY UNIT WALL.
- (F) EXISTING WOOD ROOF JOISTS / TRUSSES.
- (G) EXISTING OPEN WEB STEEL ROOF JOISTS.
- (H) EXISTING SINGLE-PLY MEMBRANE ROOF OVER RIGID INSULATION.
- (I) EXISTING PIPE TUNNEL.
- (J) EXISTING WOOD CEILING FRAMING.

1. NEW ROOF TOP MECHANICAL UNIT. SEE MECHANICAL. VERIFY WEIGHT AND SIZE WITH MANUFACTURER PRIOR TO TRUSS FABRICATION.
2. NEW INTERIOR FINISHES AND APPOINTMENTS IN EXISTING SPACE. SEE FLOOR PLANS AND ROOM FINISH SCHEDULE, SHEET A-4.1
3. NEW SUSPENDED ACOUSTICAL PANEL CEILING. SEE REFLECTED CEILING PLANS.
4. 1-HOUR FIRE BARRIER.
5. HYDRAULIC CEMENT FILL DEPTH APPROX. 2 1/4". FIELD VERIFY.
6. TOP OF MEMBRANE ROOF FLASHING.
7. ATTACH STUDS TO EACH ROOF JOIST W/ MINIMUM (3) 16d NAILS.
8. FILL ENTIRE SOFFIT CAVITY WITH BLOWN INSULATION, 72100.C1.

General Notes

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2. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.
3. SEE STRUCTURAL PLANS AND DETAILS FOR NEW JOIST, BEAM, & HEADER SIZES AND SPACINGS.
4. NOT ALL ROOF TOP EQUIPMENT IS SHOWN. SEE ROOF PLAN AND MECHANICAL SHEETS.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-?) (IWT-?).
6. EXISTING BUILDING INSULATION NOT SHOWN. SEE FLOOR PLANS AND WALL SECTIONS FOR INSULATION AT NEW CONSTRUCTION.

Keyed Notes

DIVISION 3 - CONCRETE

33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.J1	WELDED WIRE MESH REINFORCING
33000.M1	VAPOR RETARDER
35416.A1	HYDRAULIC CEMENT UNDERLAYMENT

DIVISION 5 - METALS

52100.A1	OPEN WEB STEEL ROOF JOIST(S)

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.B2	WOOD JOIST(S) 2x6 AT 16" O.C., U.N.O.
61753.A3	PRE-ENGINEERED WOOD ROOF TRUSS(ES) - PARALLEL CHORD - AT 24" O.C. U.N.O.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

72100.C1	BLOWN INSULATION, GLASS FIBER

DIVISION 9 - FINISHES

95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS

DIVISION 11 - EQUIPMENT

116623.B2	BASKETBALL BACKSTOP SUPPORT - FORWARD FOLDING

DIVISION 23 - MECHANICAL

230100.B1	AIR DUCT

DIVISION 31 - EARTHWORK

312300.B1	DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS

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AMBER ... AR-2336
STATE OF IDAHO

Jefferson Elementary School
Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

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Agency Review

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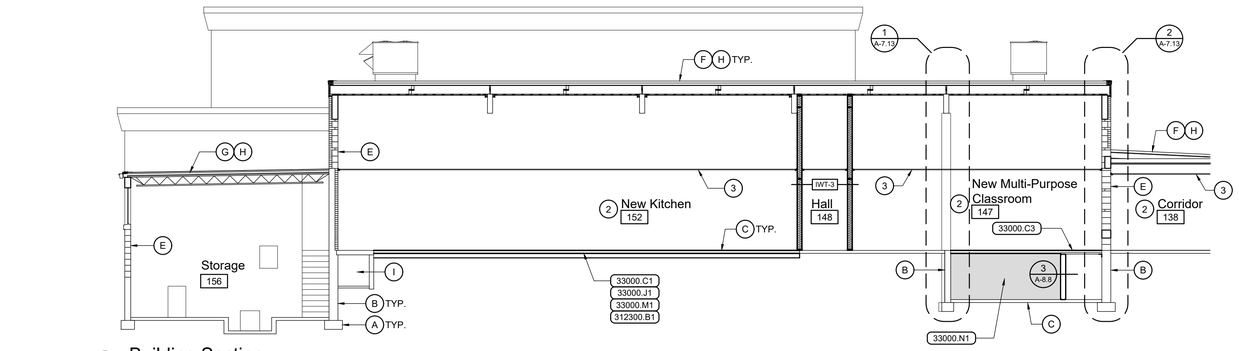
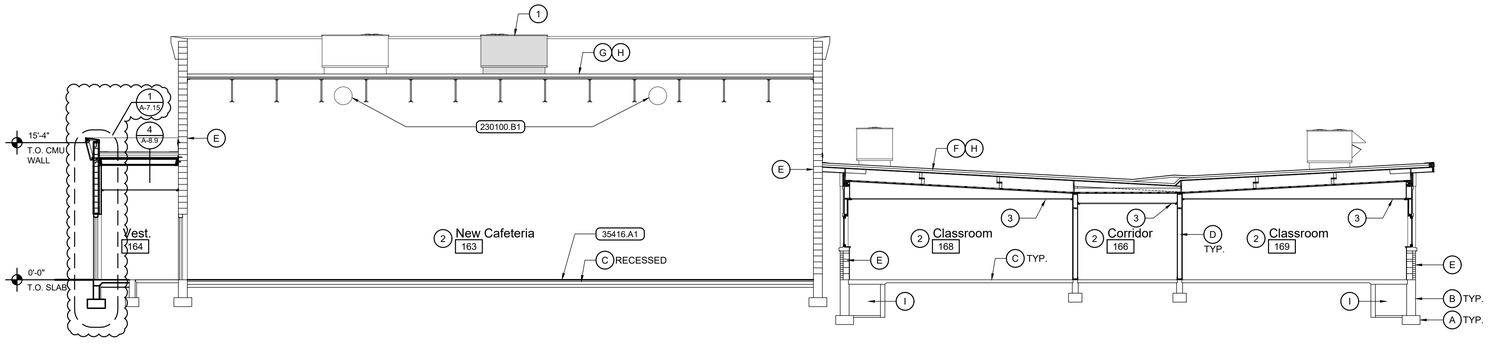


L Building Section

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



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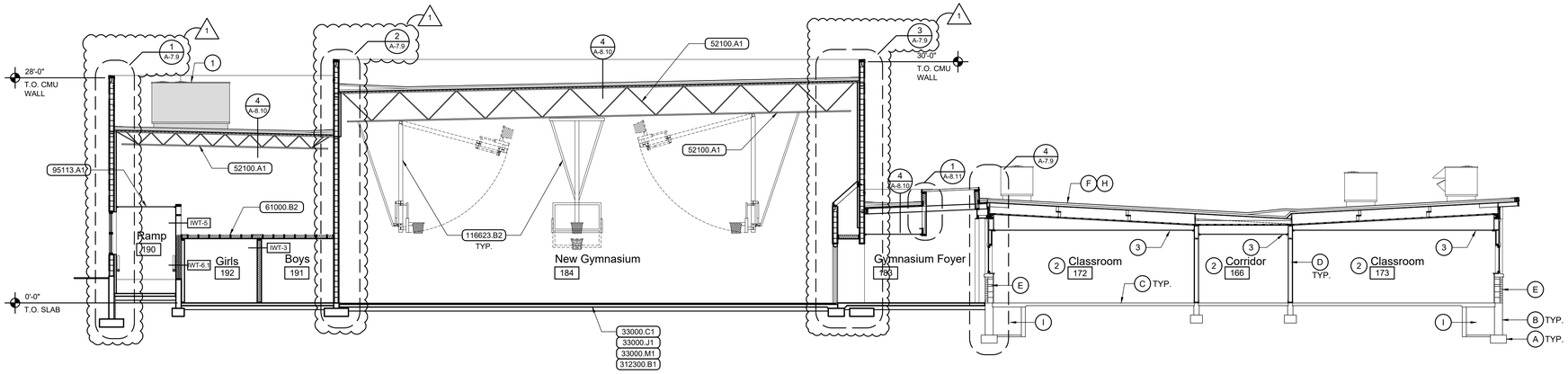

N Building Section

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General Notes

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2. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.
3. SEE STRUCTURAL PLANS AND DETAILS FOR NEW JOIST, BEAM, & HEADER SIZES AND SPACINGS.
4. NOT ALL ROOF TOP EQUIPMENT IS SHOWN. SEE ROOF PLAN AND MECHANICAL SHEETS.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-1) (IWT-2).
6. EXISTING BUILDING INSULATION NOT SHOWN. SEE FLOOR PLANS AND WALL SECTIONS FOR INSULATION AT NEW CONSTRUCTION.

Reference Notes

- (A) EXISTING CONCRETE FOOTING.
- (B) EXISTING CONCRETE FOUNDATION WALL.
- (C) EXISTING CONCRETE FLOOR SLAB.
- (D) EXISTING WOOD STUD WALL.
- (E) EXISTING CONCRETE MASONRY UNIT WALL.
- (F) EXISTING WOOD ROOF JOISTS / TRUSSES.
- (G) EXISTING OPEN WEB STEEL ROOF JOISTS.
- (H) EXISTING SINGLE-PLY MEMBRANE ROOF OVER RIGID INSULATION.
- (I) EXISTING PIPE TUNNEL.
- (J) EXISTING WOOD CEILING FRAMING.

- (1) NEW ROOF TOP MECHANICAL UNIT. SEE MECHANICAL. VERIFY WEIGHT AND SIZE WITH MANUFACTURER PRIOR TO TRUSS FABRICATION.
- (2) NEW INTERIOR FINISHES AND APPOINTMENTS IN EXISTING SPACE. SEE FLOOR PLANS AND ROOM FINISH SCHEDULE, SHEET A-4.1
- (3) NEW SUSPENDED ACOUSTICAL PANEL CEILING. SEE REFLECTED CEILING PLANS.

Keyed Notes

DIVISION 3 - CONCRETE

33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.J1	WELDED WIRE MESH REINFORCING
33000.M1	VAPOR RETARDER
33000.N1	GEO-FOAM BLOCKS
35416.A1	HYDRAULIC CEMENT UNDERLAYMENT

DIVISION 5 - METALS

52100.A1	OPEN WEB STEEL ROOF JOIST(S)

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.B2	WOOD JOIST(S) 2x6 AT 16" O.C., U.N.O.

DIVISION 9 - FINISHES

95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS

DIVISION 11 - EQUIPMENT

116623.B2	BASKETBALL BACKSTOP SUPPORT - FORWARD FOLDING

DIVISION 31 - EARTHWORK

312300.B1	DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS

DIVISION 23 - MECHANICAL

230100.B1	AIR DUCT

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NUMBER AR-2356
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
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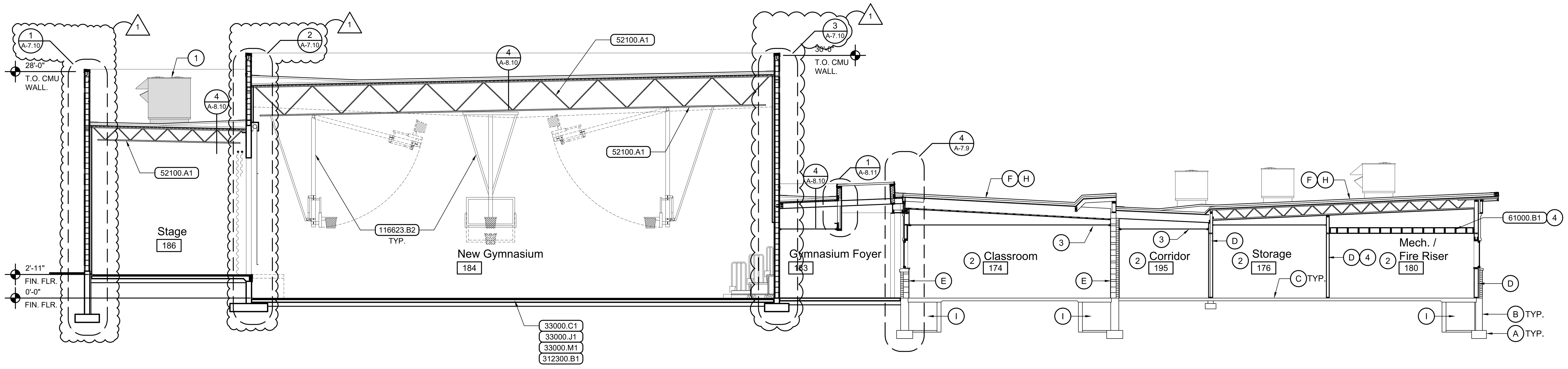

O Building Section

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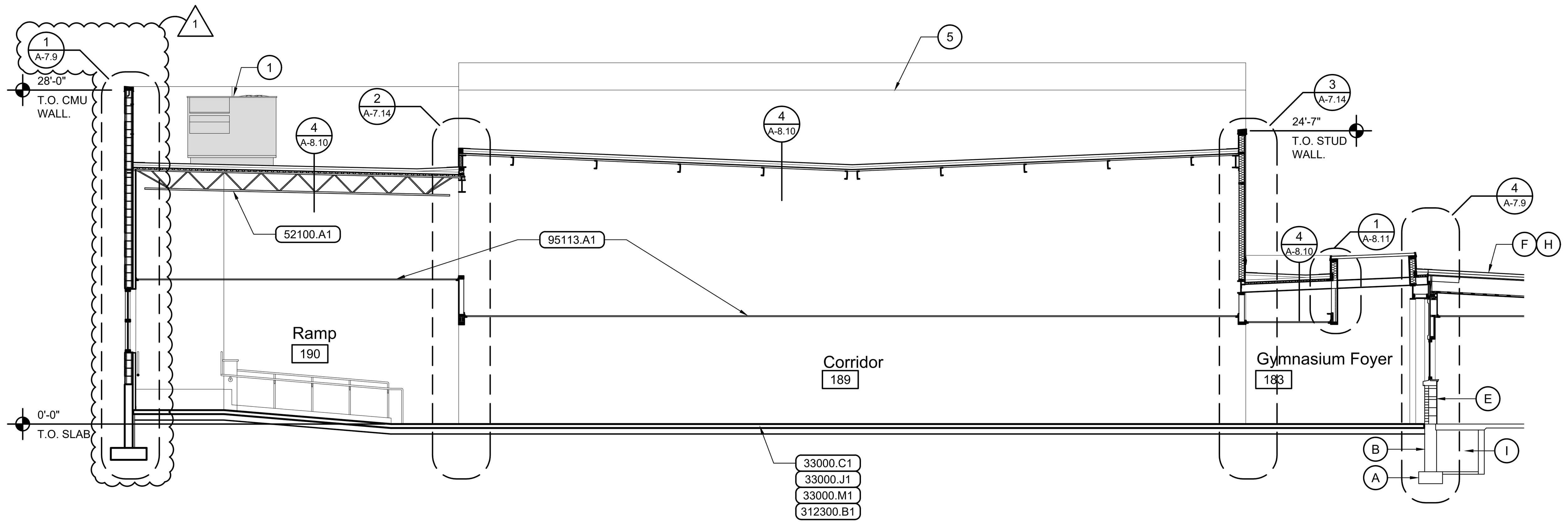

P Building Section

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

General Notes

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2. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.
3. SEE STRUCTURAL PLANS AND DETAILS FOR NEW JOIST, BEAM, & HEADER SIZES AND SPACINGS.
4. NOT ALL ROOF TOP EQUIPMENT IS SHOWN. SEE ROOF PLAN AND MECHANICAL SHEETS.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-?) (IWT-?).
6. EXISTING BUILDING INSULATION NOT SHOWN. SEE FLOOR PLANS AND WALL SECTIONS FOR INSULATION AT NEW CONSTRUCTION.

Reference Notes

- (A) EXISTING CONCRETE FOOTING.
- (B) EXISTING CONCRETE FOUNDATION WALL.
- (C) EXISTING CONCRETE FLOOR SLAB.
- (D) EXISTING WOOD STUD WALL.
- (E) EXISTING CONCRETE MASONRY UNIT WALL.
- (F) EXISTING WOOD ROOF JOISTS / TRUSSES.
- (G) EXISTING OPEN WEB STEEL ROOF JOISTS.
- (H) EXISTING SINGLE-PLY MEMBRANE ROOF OVER RIGID INSULATION.
- (I) EXISTING PIPE TUNNEL.
- (J) EXISTING WOOD CEILING FRAMING.

1. NEW ROOF TOP MECHANICAL UNIT. SEE MECHANICAL. VERIFY WEIGHT AND SIZE WITH MANUFACTURER PRIOR TO TRUSS FABRICATION.
2. NEW INTERIOR FINISHES AND APPOINTMENTS IN EXISTING SPACE. SEE FLOOR PLANS AND ROOM FINISH SCHEDULE, SHEET A-4.1
3. NEW SUSPENDED ACOUSTICAL PANEL CEILING. SEE REFLECTED CEILING PLANS.
4. 1-HOUR FIRE BARRIER.
5. TOP OF MEMBRANE ROOF FLASHING.

Keyed Notes

DIVISION 3 - CONCRETE

33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.J1	WELDED WIRE MESH REINFORCING
33000.M1	VAPOR RETARDER

DIVISION 5 - METALS

52100.A1	OPEN WEB STEEL ROOF JOIST(S)

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.B1	WOOD JOIST(S) 2x8 AT 16" O.C., U.N.O.

DIVISION 9 - FINISHES

95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS

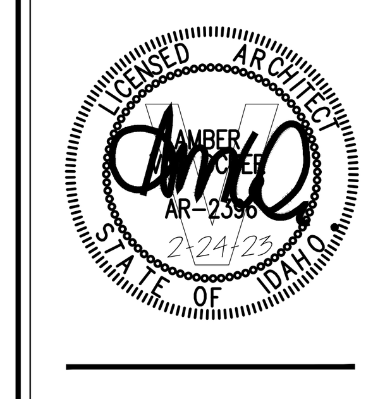
DIVISION 11 - EQUIPMENT

116623.B2	BASKETBALL BACKSTOP SUPPORT - FORWARD FOLDING

DIVISION 31 - EARTHWORK

312300.B1	DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS

LKV ARCHITECTS
2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
WWW.LKVARCHITECTS.COM
208.336.3443



Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

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Agency Review

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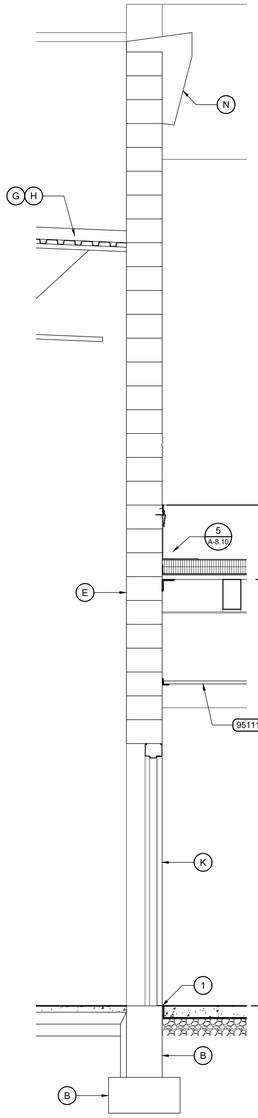
A-7.5



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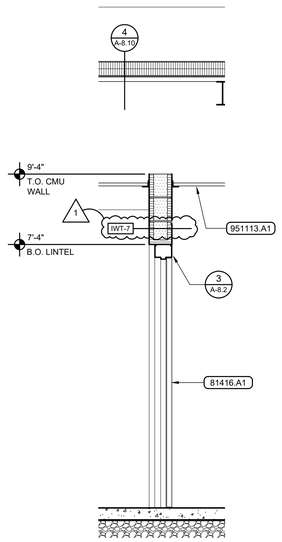
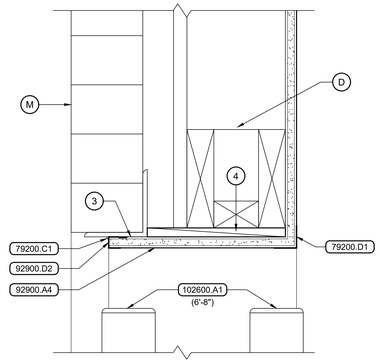
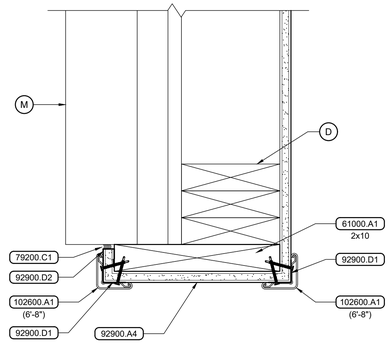




6 Head Detail

Scale: 3" = 1'-0"



7 Jamb Detail

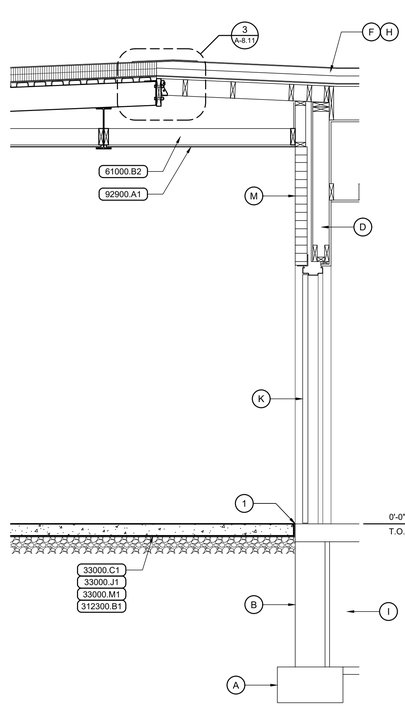
Scale: 3" = 1'-0"

1 Wall Section

Scale: 1/2" = 1'-0"

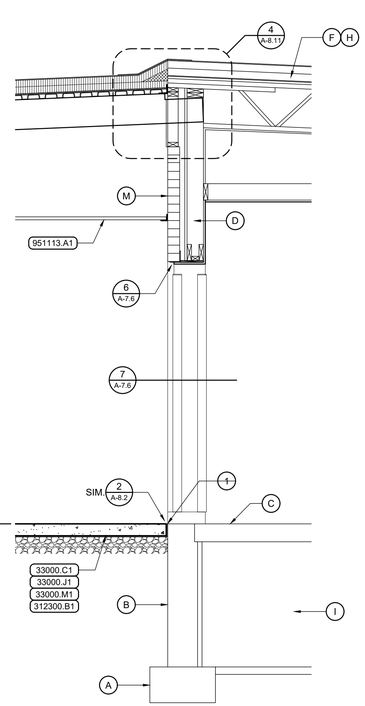
2 Wall Section

Scale: 1/2" = 1'-0"



3 Wall Section

Scale: 1/2" = 1'-0"



4 Wall Section

Scale: 1/2" = 1'-0"

General Notes

1. SEE STRUCTURAL NOTES AND EARTHWORK SPECIFICATIONS FOR STRUCTURAL FILL REQUIREMENTS BELOW CONCRETE FOOTINGS AND SLABS.
2. SEE STRUCTURAL PLANS AND DETAILS FOR JOIST, TRUSS, BEAM, AND HEADER SIZES AND SPACINGS.
3. SEE ROOM FINISH SCHEDULE , SHEET A-4.1 FOR CEILING TYPES AND HEIGHTS NOT SHOWN OR NOTED.
4. SEE SHEETS A4.2 AND A4.3 FOR WINDOW AND DOOR TYPES AND SIZES.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-7) (IWT-7).

Reference Notes

- (A) EXISTING CONCRETE FOOTING.
- (B) EXISTING CONCRETE FOUNDATION WALL.
- (C) EXISTING CONCRETE FLOOR SLAB.
- (D) EXISTING WOOD STUD WALL.
- (E) EXISTING CONCRETE MASONRY UNIT WALL.
- (F) EXISTING WOOD ROOF JOISTS / TRUSSES.
- (G) EXISTING OPEN WEB STEEL ROOF JOISTS.
- (H) EXISTING SINGLE-PLY MEMBRANE ROOF OVER RIGID INSULATION.
- (I) EXISTING PIPE TUNNEL.
- (J) EXISTING WOOD CEILING FRAMING.
- (K) EXISTING DOOR AND / OR FRAME TO REMAIN. SEE DOOR SCHEDULE.
- (L) EXISTING WINDOW TO REMAIN.
- (M) EXISTING BRICK VENEER TO REMAIN.
- (N) EXISTING STUCCO FASCIA AND METAL COPING TO REMAIN.

- (1) MATCH / ALIGN WITH EXISTING CONSTRUCTION.
- (2) SEE STRUCTURAL FOR SIZE AND REINFORCING.
- (3) MASTIC AS REQUIRED.
- (4) SHIM AS REQUIRED.

Keyed Notes

DIVISION 3 - CONCRETE

33000.A1	CONCRETE FOOTING
33000.B1	CONCRETE FOUNDATION WALL
33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.C2	CONCRETE SLAB ON GRADE (EXTERIOR), 4" U.N.O.
33000.J1	WELDED WIRE MESH REINFORCING
33000.M1	VAPOR RETARDER

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A1	DIMENSION LUMBER
61000.B2	WOOD JOIST(S) 2x6 AT 16" O.C., U.N.O.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

79200.C1	LATEX JOINT SEALANT

DIVISION 8 - OPENINGS

81113.A1	HOLLOW METAL DOOR
81416.A1	FLUSH WOOD DOOR

DIVISION 9 - FINISHES

92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.A4	ABUSE RESISTANT GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.D1	METAL CORNER BEAD
92900.D2	METAL TRIM, LC
95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS

DIVISION 10 - SPECIALTIES

102600.A1	CORNER GUARD, 90°, 4'-0" U.N.O.

DIVISION 31 - EARTHWORK

312300.B1	DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS

LKV ARCHITECTS
2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
WWW.LKVARCHITECTS.COM
208.336.3443

LICENSED ARCHITECT
NUMBER AR-2396
7/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

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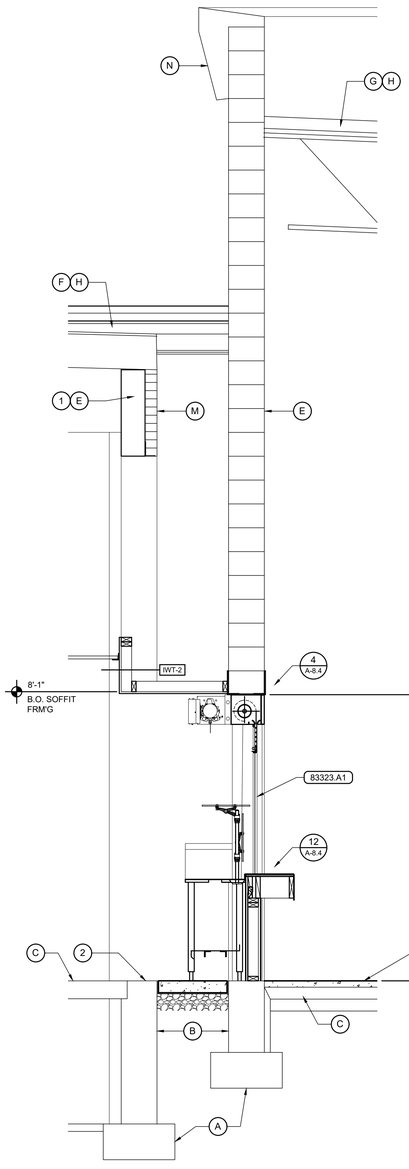

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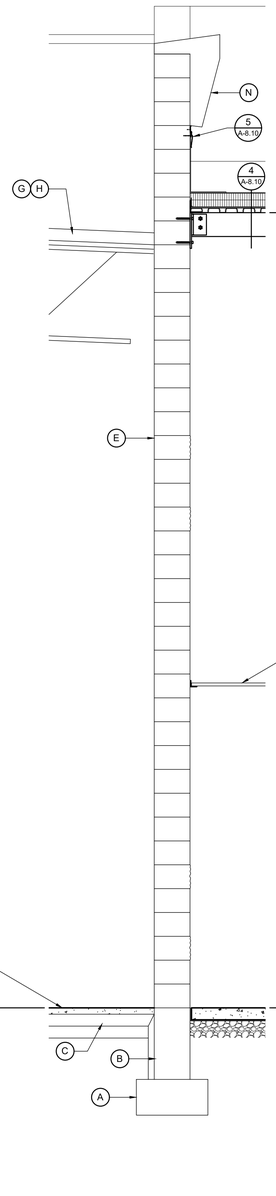
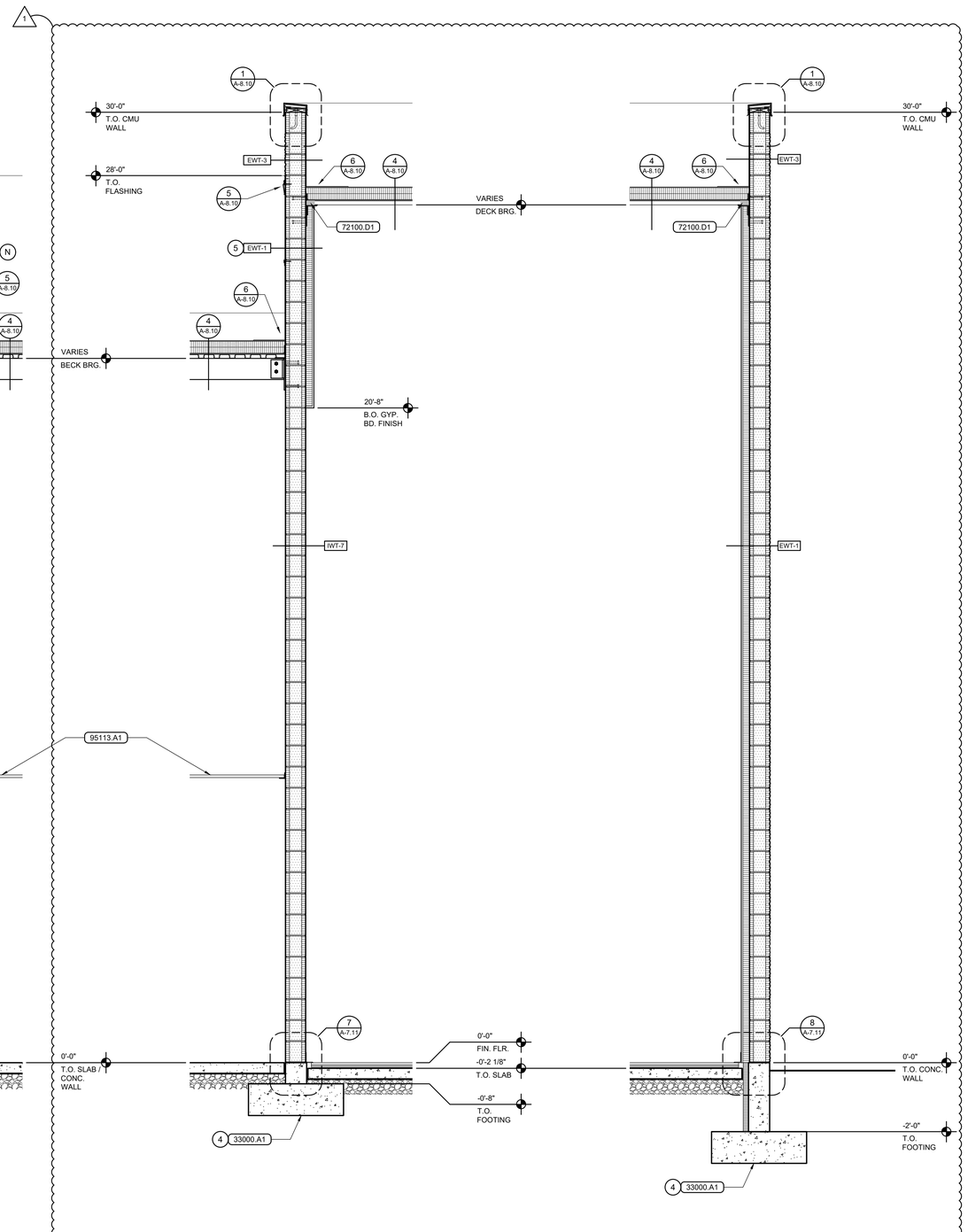


2 Wall Section
Scale: 1/2" = 1'-0"



3 Wall Section
Scale: 1/2" = 1'-0"

4 Wall Section
Scale: 1/2" = 1'-0"

General Notes

1. SEE STRUCTURAL NOTES AND EARTHWORK SPECIFICATIONS FOR STRUCTURAL FILL REQUIREMENTS BELOW CONCRETE FOOTINGS AND SLABS.
2. SEE STRUCTURAL PLANS AND DETAILS FOR JOIST, TRUSS, BEAM, AND HEADER SIZES AND SPACINGS.
3. SEE ROOM FINISH SCHEDULE , SHEET A-4.1 FOR CEILING TYPES AND HEIGHTS NOT SHOWN OR NOTED.
4. SEE SHEETS A4.2 AND A4.3 FOR WINDOW AND DOOR TYPES AND SIZES.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-7) (IWT-7).

Reference Notes

- (A) EXISTING CONCRETE FOOTING.
- (B) EXISTING CONCRETE FOUNDATION WALL.
- (C) EXISTING CONCRETE FLOOR SLAB.
- (D) EXISTING WOOD STUD WALL.
- (E) EXISTING CONCRETE MASONRY UNIT WALL.
- (F) EXISTING WOOD ROOF JOISTS / TRUSSES.
- (G) EXISTING OPEN WEB STEEL ROOF JOISTS.
- (H) EXISTING SINGLE-PLY MEMBRANE ROOF OVER RIGID INSULATION.
- (I) EXISTING PIPE TUNNEL.
- (J) EXISTING WOOD CEILING FRAMING.
- (K) EXISTING DOOR AND / OR FRAME TO REMAIN. SEE DOOR SCHEDULE.
- (L) EXISTING WINDOW TO REMAIN.
- (M) EXISTING BRICK VENEER TO REMAIN.
- (N) EXISTING STUCCO FASCIA AND METAL COPING TO REMAIN.

- (1) EXISTING CONCRETE BOND BEAM.
- (2) GRIND TOP OF EXISTING FOUNDATION WALL SMOOTH / FLUSH AS REQUIRED.
- (3) HYDRAULIC CEMENT FILL DEPTH. APPROX. 2 1/4". FIELD VERIFY.
- (4) SEE STRUCTURAL FOR SIZE AND REINFORCING.
- (5) SMOOTH FACE CMU REQUIRED AT MEMBRANE ROOF FLASHING. (1)

Keyed Notes

DIVISION 3 - CONCRETE

33000.A1	CONCRETE FOOTING
35416.A1	HYDRAULIC CEMENT UNDERLAYMENT

DIVISION 7 - THERMAL & MOISTURE PROTECTION

72100.D1	SAFING INSULATION, MINERAL FIBER, SEMI-RIGID FLUTE FILLER

DIVISION 8 - OPENINGS (1)

83323.A1	OVERHEAD COILING COUNTER DOOR

DIVISION 9 - FINISHES

95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS

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2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
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LICENSED ARCHITECT
NUMBER AR-2356
7/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

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CHECKED BY: WT

Agency Review

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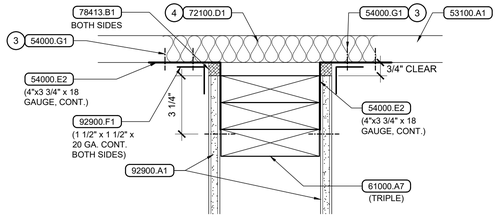
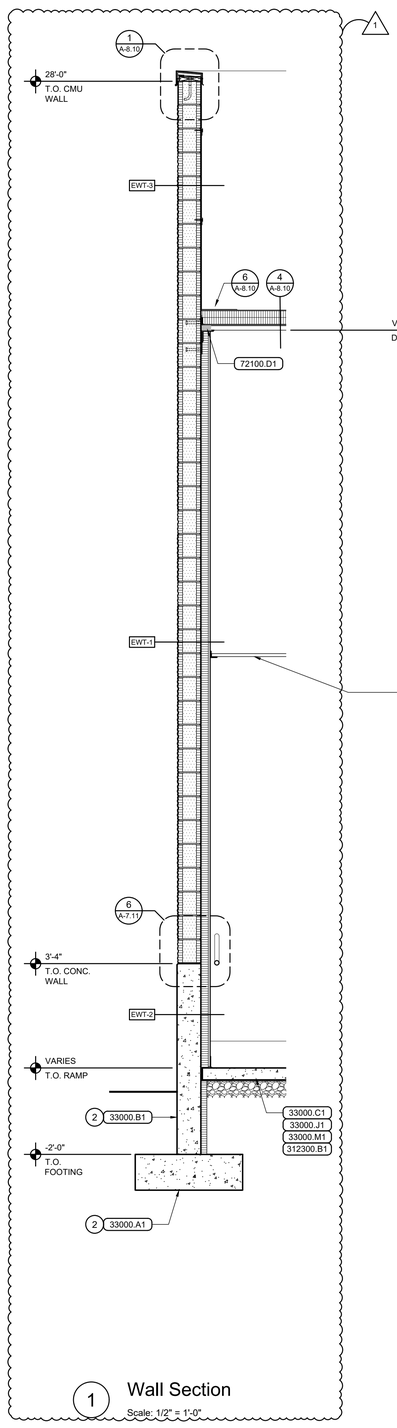


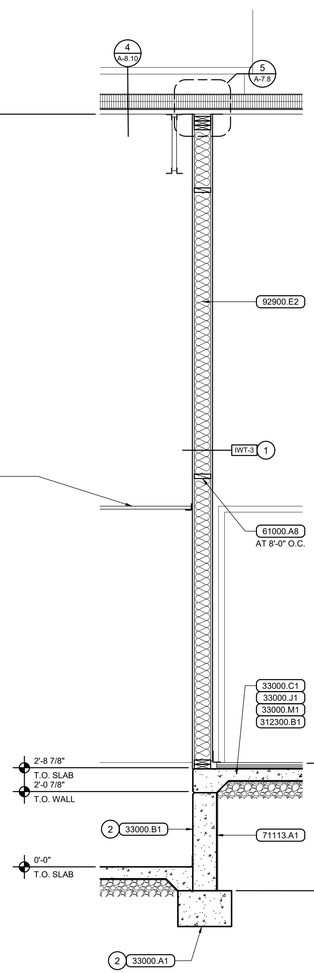
5 Partition Termination

Scale: 3" = 1'-0"



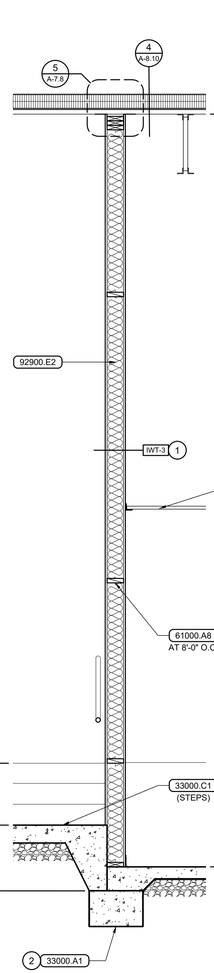
1 Wall Section

Scale: 1/2" = 1'-0"



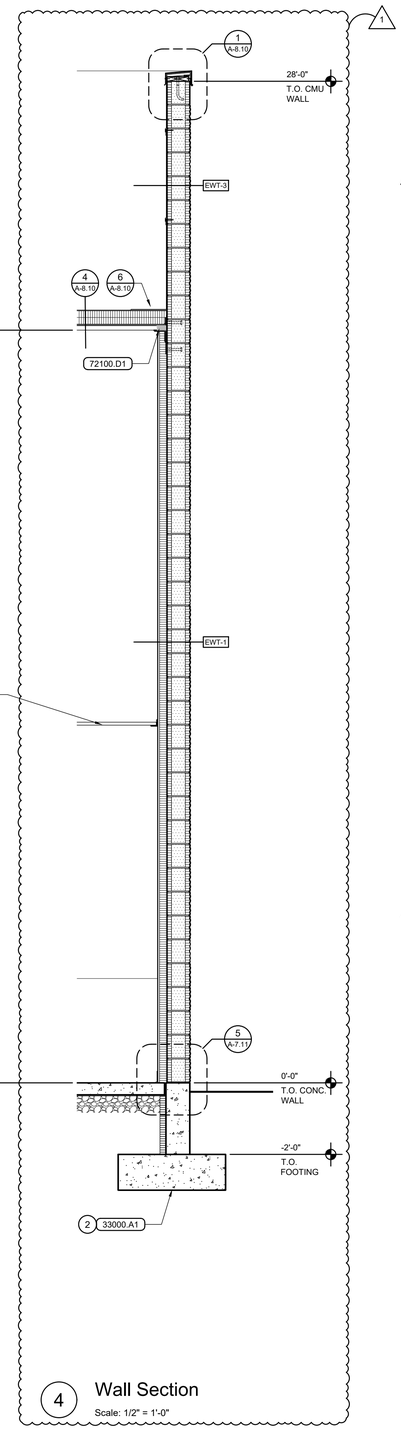
2 Wall Section

Scale: 1/2" = 1'-0"



3 Wall Section

Scale: 1/2" = 1'-0"



4 Wall Section

Scale: 1/2" = 1'-0"

General Notes

1. SEE STRUCTURAL NOTES AND EARTHWORK SPECIFICATIONS FOR STRUCTURAL FILL REQUIREMENTS BELOW CONCRETE FOOTINGS AND SLABS.
2. SEE STRUCTURAL PLANS AND DETAILS FOR JOIST, TRUSS, BEAM, AND HEADER SIZES AND SPACINGS.
3. SEE ROOM FINISH SCHEDULE , SHEET A-4.1 FOR CEILING TYPES AND HEIGHTS NOT SHOWN OR NOTED.
4. SEE SHEETS A4.2 AND A4.3 FOR WINDOW AND DOOR TYPES AND SIZES.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-?) (IWT-?).

Reference Notes

1. 1-HOUR FIRE BARRIER. SEE SHEET A-1.1 FOR ASSEMBLY REQUIREMENTS.
2. SEE STRUCTURAL FOR SIZE AND REINFORCING.
3. (2) ALTERNATING ROWS, 1 1/2" SELF-TAPPING SCREWS AT 24" O.C.
4. INSTALL 12" LONG TIGHT-FITTING PIECE OF FLUTE FILLER IN EACH FLUTE.

Keyed Notes

DIVISION 3 - CONCRETE

33000.A1	CONCRETE FOOTING
33000.B1	CONCRETE FOUNDATION WALL
33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.J1	WELDED WIRE MESH REINFORCING
33000.M1	VAPOR RETARDER

DIVISION 5 - METALS

53100.A1	STEEL ROOF DECK, 1 1/2", 20 GAUGE, TYPE B U.N.O.
54000.E2	CONT. SHEET METAL BREAK SHAPE, SIZE & GAUGE AS NOTED
54000.G1	SCREW(S)

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A7	DBL. 2x WOOD TOP PLATE TO MATCH STUD WIDTH, U.N.O.
61000.A8	SOLID BLOCKING / BRIDGING

DIVISION 7 - THERMAL & MOISTURE PROTECTION

71113.A1	BITUMINOUS DAMPROOFING
72100.D1	SAFING INSULATION, MINERAL FIBER, SEMI-RIGID FLUTE FILLER
78413.B1	FIRE CAULK

DIVISION 9 - FINISHES

92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.E2	SOUND ATTENUATION BLANKET(S) 5 1/2"
92900.F1	CONTINUOUS SHEET METAL BREAK SHAPE. SIZE AND GAUGE AS NOTED
95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS

DIVISION 31 - EARTHWORK

312300.B1	DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS

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2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
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208.336.3443

LICENSED ARCHITECT
NUMBER AR-2396
STATE OF IDAHO

Jefferson Elementary School
Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
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REVISIONS:
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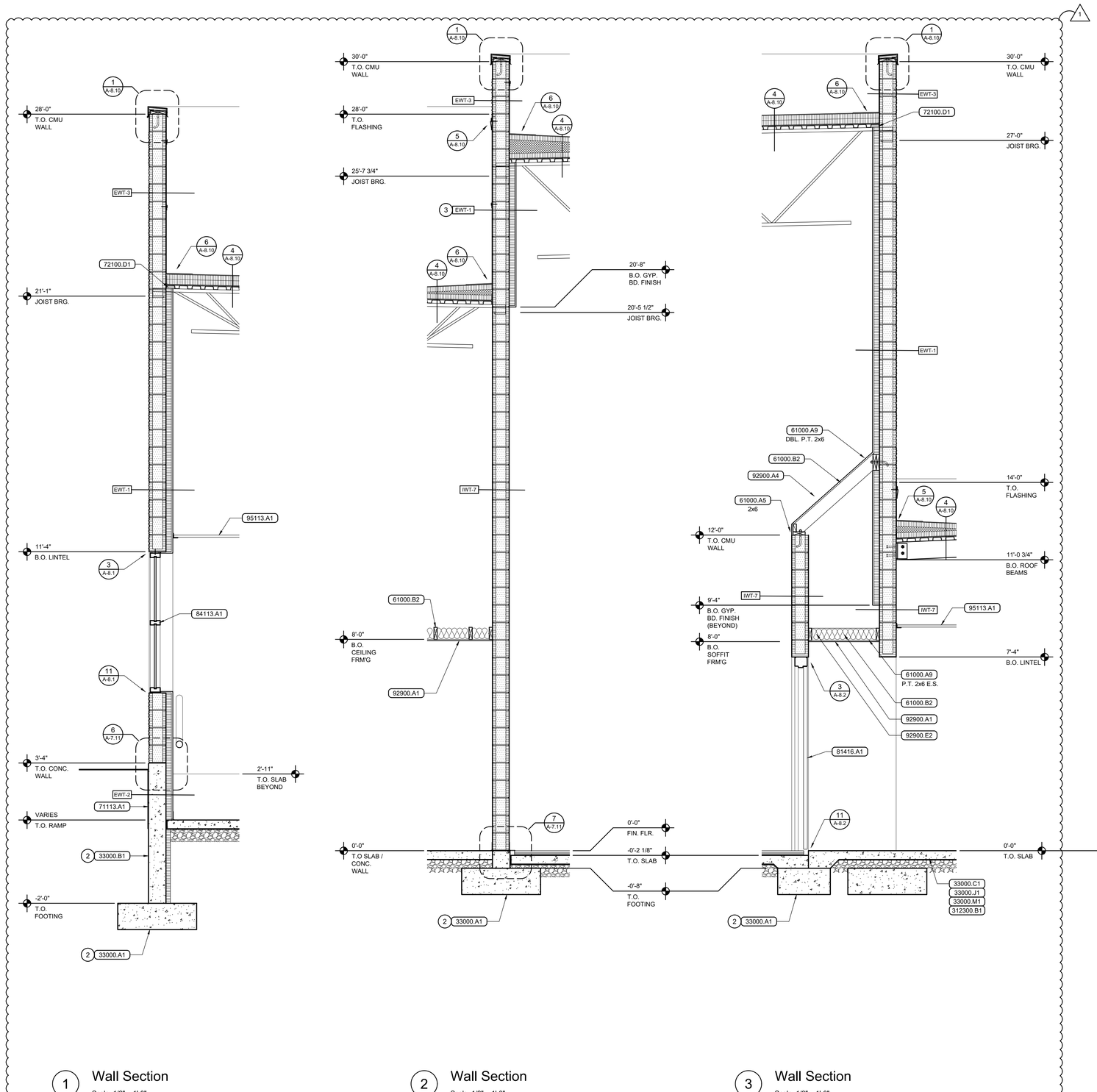

1 Wall Section
Scale: 1/2" = 1'-0"

2 Wall Section
Scale: 1/2" = 1'-0"

3 Wall Section
Scale: 1/2" = 1'-0"

4 Wall Section
Scale: 1/2" = 1'-0"

General Notes

1. SEE STRUCTURAL NOTES AND EARTHWORK SPECIFICATIONS FOR STRUCTURAL FILL REQUIREMENTS BELOW CONCRETE FOOTINGS AND SLABS.
2. SEE STRUCTURAL PLANS AND DETAILS FOR JOIST, TRUSS, BEAM, AND HEADER SIZES AND SPACINGS.
3. SEE ROOM FINISH SCHEDULE , SHEET A-4.1 FOR CEILING TYPES AND HEIGHTS NOT SHOWN OR NOTED.
4. SEE SHEETS A4.2 AND A4.3 FOR WINDOW AND DOOR TYPES AND SIZES.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-?) (IWT-?).

Reference Notes

- (A) EXISTING CONCRETE FOOTING.
- (B) EXISTING CONCRETE FOUNDATION WALL.
- (C) EXISTING CONCRETE FLOOR SLAB.
- (D) EXISTING WOOD STUD WALL.
- (E) EXISTING CONCRETE MASONRY UNIT WALL.
- (F) EXISTING WOOD ROOF JOISTS / TRUSSES.
- (G) EXISTING OPEN WEB STEEL ROOF JOISTS.
- (H) EXISTING SINGLE-PLY MEMBRANE ROOF OVER RIGID INSULATION.
- (I) EXISTING PIPE TUNNEL.
- (J) EXISTING WOOD CEILING FRAMING.
- (K) EXISTING DOOR AND / OR FRAME TO REMAIN. SEE DOOR SCHEDULE.
- (L) EXISTING WINDOW TO REMAIN.
- (M) EXISTING BRICK VENEER TO REMAIN.
- (N) EXISTING STUCCO FASCIA AND METAL COPING TO REMAIN.

- (1) 5/8" DIA. THREADED STUD ON BEAM AT 48" O.C.
- (2) SEE STRUCTURAL FOR SIZE AND REINFORCING.
- (3) SMOOTH FACE CMU REQUIRED AT MEMBRANE ROOF FLASHING.

Keyed Notes

DIVISION 3 - CONCRETE

33000.A1	CONCRETE FOOTING
33000.B1	CONCRETE FOUNDATION WALL
33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.J1	WELDED WIRE MESH REINFORCING
33000.M1	VAPOR RETARDER

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A1	DIMENSION LUMBER
61000.A5	2x P.T. WOOD SILL PLATE TO MATCH STUD WIDTH, U.N.O.
61000.A9	DIMENSION LUMBER BEAM / HEADER / LEDGER
61000.B2	WOOD JOIST(S) 2x6 AT 16" O.C., U.N.O.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

71113.A1	BITUMINOUS DAMPROOFING
72100.D1	SAFING INSULATION, MINERAL FIBER, SEMI-RIGID FLUTE FILLER

DIVISION 8 - OPENINGS

81416.A1	FLUSH WOOD DOOR
84113.A1	ALUMINUM STOREFRONT WINDOW FRAMING

DIVISION 9 - FINISHES

92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.A4	ABUSE RESISTANT GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.E2	SOUND ATTENUATION BLANKET(S) 5 1/2"
95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS

DIVISION 31 - EARTHWORK

312300.B1	DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS

LKV ARCHITECTS
2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
WWW.LKVARCHITECTS.COM
208.336.3443

LICENSED ARCHITECT
NUMBER
AR-2396
2/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

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Agency Review

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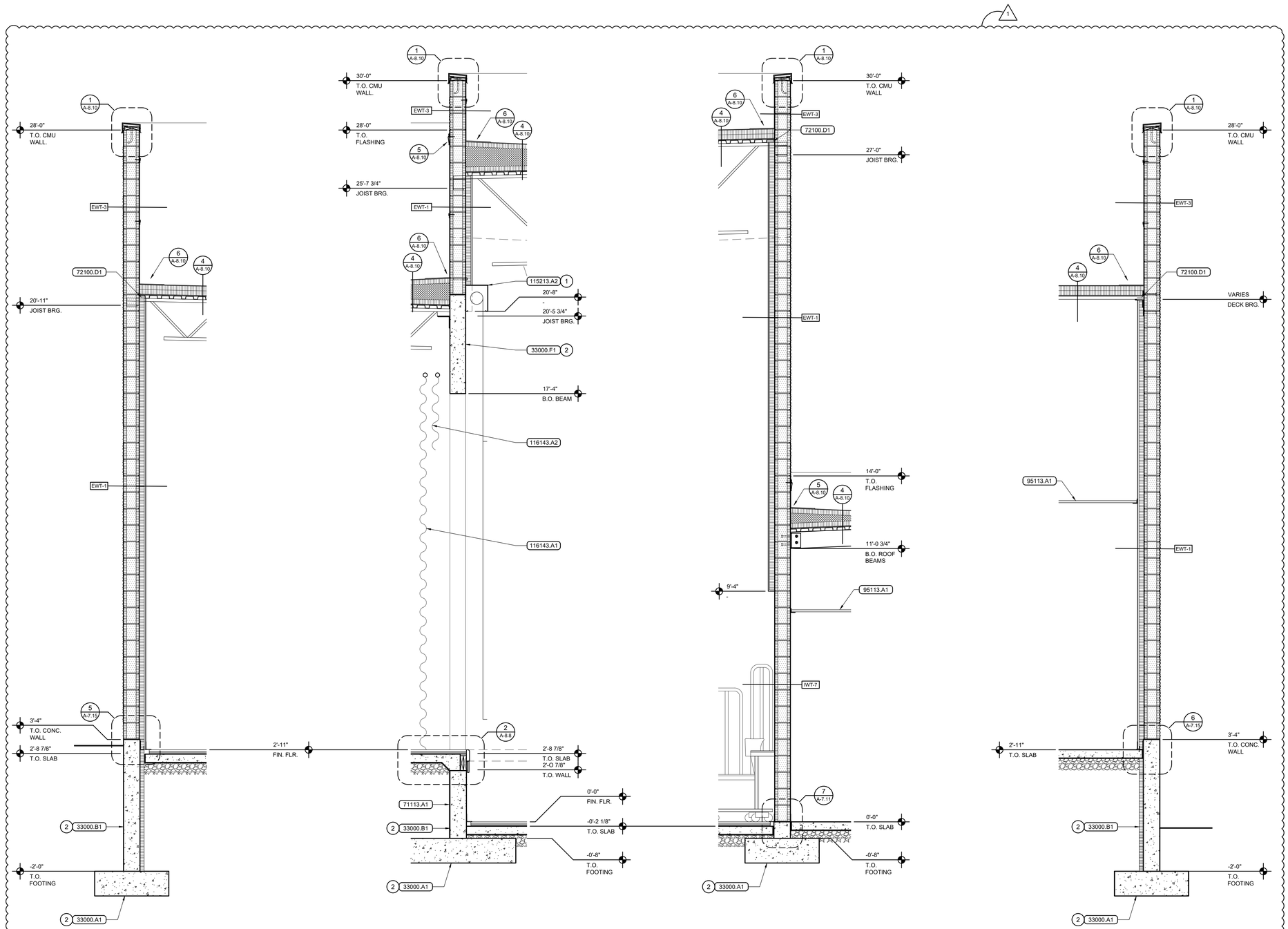


1 Wall Section
Scale: 1/2" = 1'-0"

2 Wall Section
Scale: 1/2" = 1'-0"

3 Wall Section
Scale: 1/2" = 1'-0"

4 Wall Section
Scale: 1/2" = 1'-0"

General Notes

1. SEE STRUCTURAL NOTES AND EARTHWORK SPECIFICATIONS FOR STRUCTURAL FILL REQUIREMENTS BELOW CONCRETE FOOTINGS AND SLABS.
2. SEE STRUCTURAL PLANS AND DETAILS FOR JOIST, TRUSS, BEAM, AND HEADER SIZES AND SPACINGS.
3. SEE ROOM FINISH SCHEDULE , SHEET A-4.1 FOR CEILING TYPES AND HEIGHTS NOT SHOWN OR NOTED.
4. SEE SHEETS A4.2 AND A4.3 FOR WINDOW AND DOOR TYPES AND SIZES.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-7) (IWT-7).

Reference Notes

1. POSITION SCREEN HOUSING AT TOP OF LINTEL.
2. SEE STRUCTURAL FOR SIZE AND REINFORCING.

Keyed Notes

DIVISION 3 - CONCRETE

33000.A1	CONCRETE FOOTING
33000.B1	CONCRETE FOUNDATION WALL
33000.F1	CONCRETE BEAM / LINTEL

DIVISION 7 - THERMAL & MOISTURE PROTECTION

71113.A1	BITUMINOUS DAMPROOFING
72100.D1	SAFING INSULATION, MINERAL FIBER, SEMI-RIGID FLUTE FILLER (1)

DIVISION 9 - FINISHES

95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS

DIVISION 11 - EQUIPMENT

115213.A2	PROJECTION SCREEN, ELECTRIC, SIZE AS NOTED
116143.A1	PROSCENIUM CURTAIN
116143.A2	VALANCE CURTAIN

LKV ARCHITECTS
2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
WWW.LKVARCHITECTS.COM
208.336.3443

LICENSED ARCHITECT
NUMBER
AR-2396
2/24/23
STATE OF IDAHO

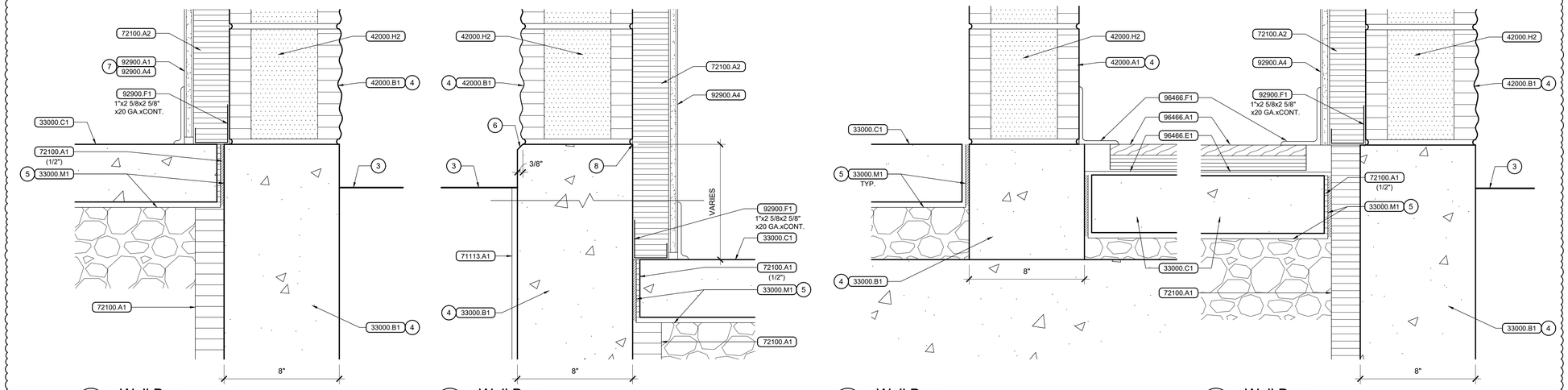
Jefferson Elementary School
Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

Agency Review

DRAWING NO.
A-7.10

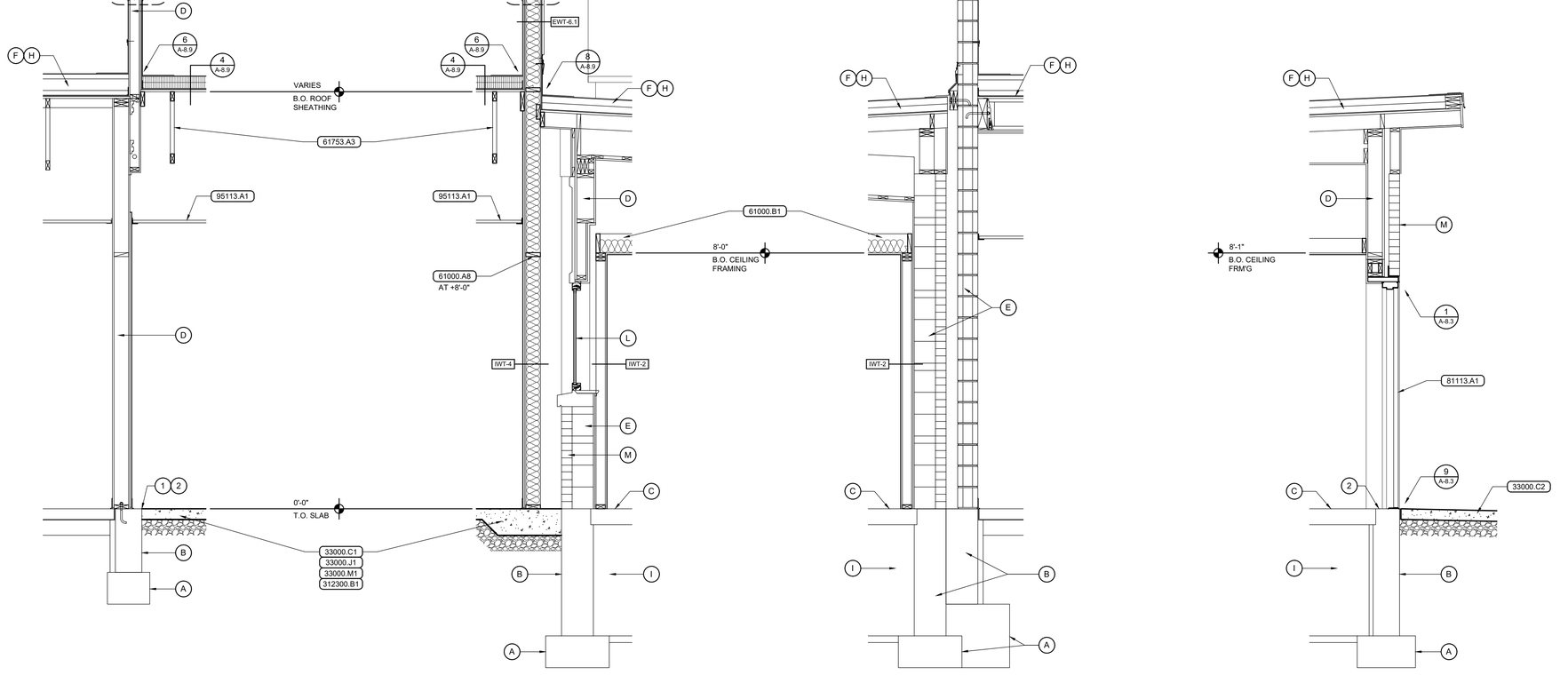


5 Wall Base
Scale: 1/2" = 1'-0"

6 Wall Base
Scale: 1/2" = 1'-0"

7 Wall Base
Scale: 1/2" = 1'-0"

8 Wall Base
Scale: 1/2" = 1'-0"



1 Wall Section
Scale: 1/2" = 1'-0"

2 Wall Section
Scale: 1/2" = 1'-0"

3 Wall Section
Scale: 1/2" = 1'-0"

4 Wall Section
Scale: 1/2" = 1'-0"

General Notes

1. SEE STRUCTURAL NOTES AND EARTHWORK SPECIFICATIONS FOR STRUCTURAL FILL REQUIREMENTS BELOW CONCRETE FOOTINGS AND SLABS.
2. SEE STRUCTURAL PLANS AND DETAILS FOR JOIST, TRUSS, BEAM, AND HEADER SIZES AND SPACINGS.
3. SEE ROOM FINISH SCHEDULE , SHEET A-4.1 FOR CEILING TYPES AND HEIGHTS NOT SHOWN OR NOTED.
4. SEE SHEETS A4.2 AND A4.3 FOR WINDOW AND DOOR TYPES AND SIZES.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-7) (IWT-7).

Reference Notes

- (A) EXISTING CONCRETE FOOTING.
- (B) EXISTING CONCRETE FOUNDATION WALL.
- (C) EXISTING CONCRETE FLOOR SLAB.
- (D) EXISTING WOOD STUD WALL.
- (E) EXISTING CONCRETE MASONRY UNIT WALL.
- (F) EXISTING WOOD ROOF JOISTS / TRUSSES.
- (G) EXISTING OPEN WEB STEEL ROOF JOISTS.
- (H) EXISTING SINGLE-PLY MEMBRANE ROOF OVER RIGID INSULATION.
- (I) EXISTING PIPE TUNNEL.
- (J) EXISTING WOOD CEILING FRAMING.
- (K) EXISTING DOOR AND / OR FRAME TO REMAIN. SEE DOOR SCHEDULE.
- (L) EXISTING WINDOW TO REMAIN.
- (M) EXISTING BRICK VENEER TO REMAIN.
- (N) EXISTING STUCCO FASCIA AND METAL COPING TO REMAIN.

- (1) MATCH / ALIGN WITH EXISTING CONSTRUCTION.
- (2) GRIND TOP OF EXISTING FOUNDATION WALL SMOOTH / FLUSH AS REQUIRED.
- (3) SEE CIVIL / LANDSCAPE DRAWINGS FOR PAVING / MOWSTRIP MATERIAL AND ELEVATIONS.
- (4) SEE WALL SECTIONS FOR ELEVATIONS AND STRUCTURAL FOR REINFORCING.
- (5) TURN UP VAPOR RETARDER TO TOP OF SLAB AND SEAL TO WALL WITH URETHANE SEALANT.
- (1) (6) 3/8" CHAMFER.
- (7) SEE ROOM FINISH SCHEDULE AND WALL SECTIONS FOR REQUIRED WALL FINISH.
- (8) ALIGN INSIDE FACE OF CMU WITH INSIDE FACE OF CONCRETE.

Keyed Notes

DIVISION 3 - CONCRETE

33000.B1	CONCRETE FOUNDATION WALL
33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.C2	CONCRETE SLAB ON GRADE (EXTERIOR), 4" U.N.O.
33000.J1	WELDED WIRE MESH REINFORCING
33000.M1	VAPOR RETARDER

DIVISION 4 - MASONRY

42000.B1	CONCRETE MASONRY UNIT(S) SPLIT FACE, 8x8x16
42000.A1	CONCRETE MASONRY UNIT(S) SMOOTH FACE, 8x8x16
42000.H2	SOLID GROUT

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A8	SOLID BLOCKING / BRIDGING
61000.B1	WOOD JOIST(S) 2x8 AT 16" O.C., U.N.O.
61753.A3	PRE-ENGINEERED WOOD ROOF TRUSS(ES) - PARALLEL CHORD - AT 24" O.C. U.N.O.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

71113.A1	BITUMINOUS DAMPROOFING
72100.A1	RIGID FOUNDATION WALL INSULATION - 2" EXTRUDED POLYSTYRENE, U.N.O.
72100.A2	RIGID WALL INSULATION PANELS - EXPANDED POLYSTYRENE, 2 1/2" U.N.O. INTEGRALLY FURRED

DIVISION 9 - FINISHES

92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.A4	ABUSE RESISTANT GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.F1	CONTINUOUS SHEET METAL BREAK SHAPE. SIZE AND GAUGE AS NOTED
96466.A1	HARDWOOD FLOORING, 3/4"
96466.E1	VAPOR BARRIER
96466.F1	VENTED BASE
95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS

DIVISION 31 - EARTHWORK

312300.B1	DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS

LKV ARCHITECTS
2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
WWW.LKVARCHITECTS.COM
208.336.3443

LICENSED ARCHITECT
NUMBER AR-2396
7/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

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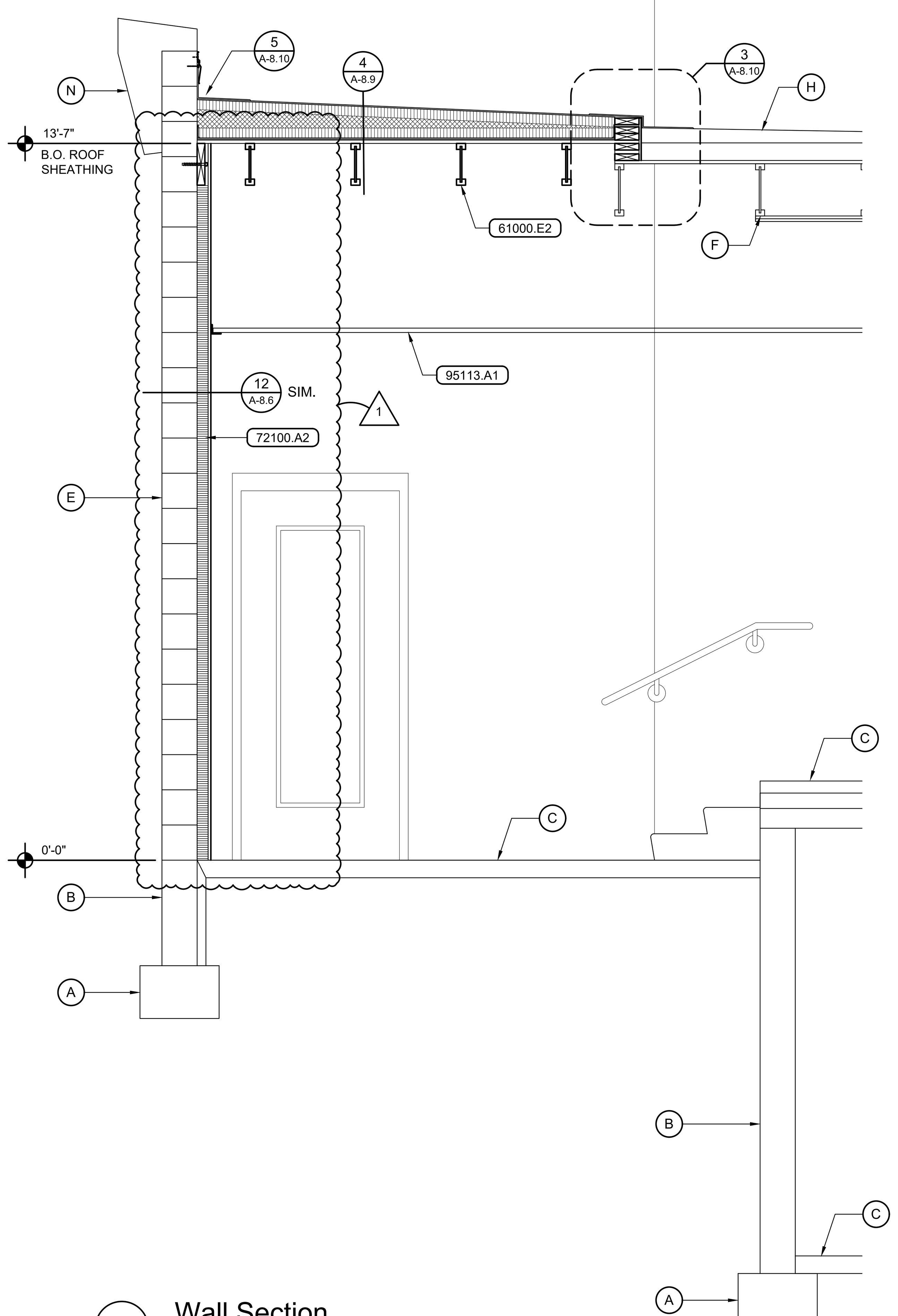
CHECKED BY: WT

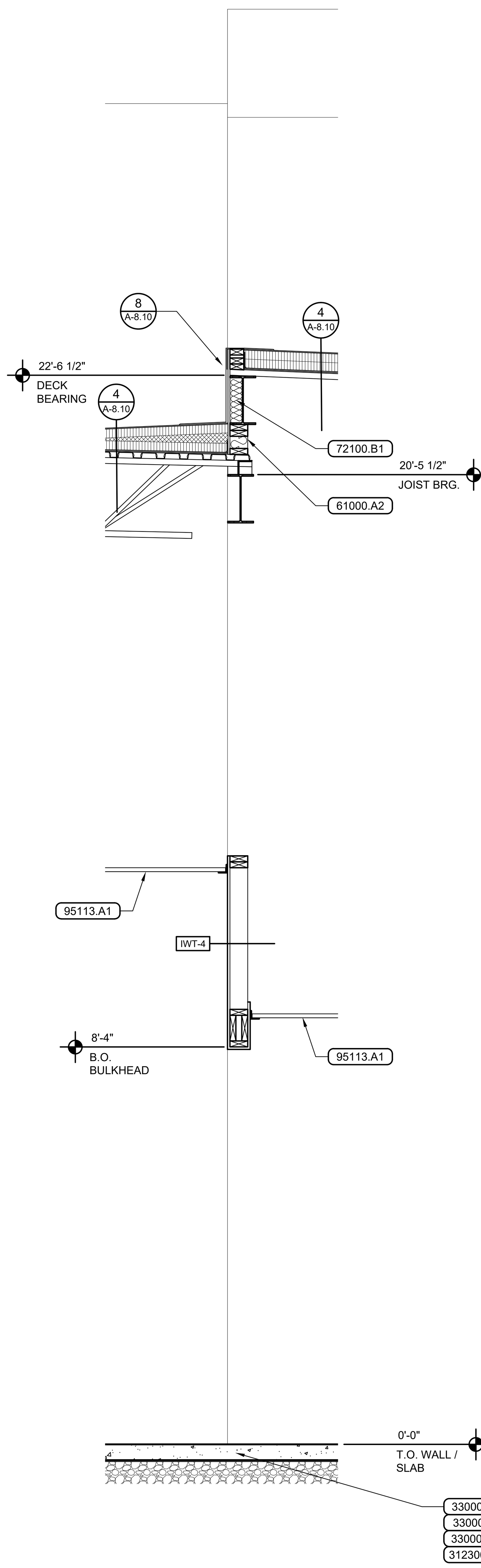
Agency Review

DRAWING NO.

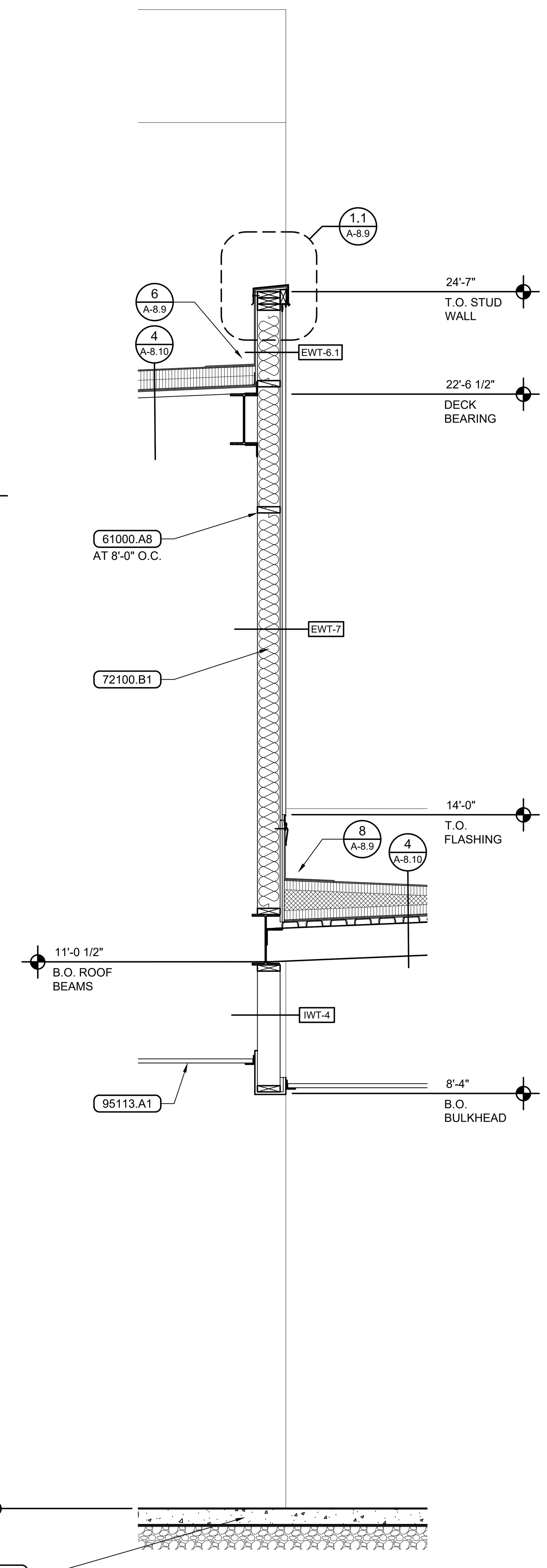
A-7.11



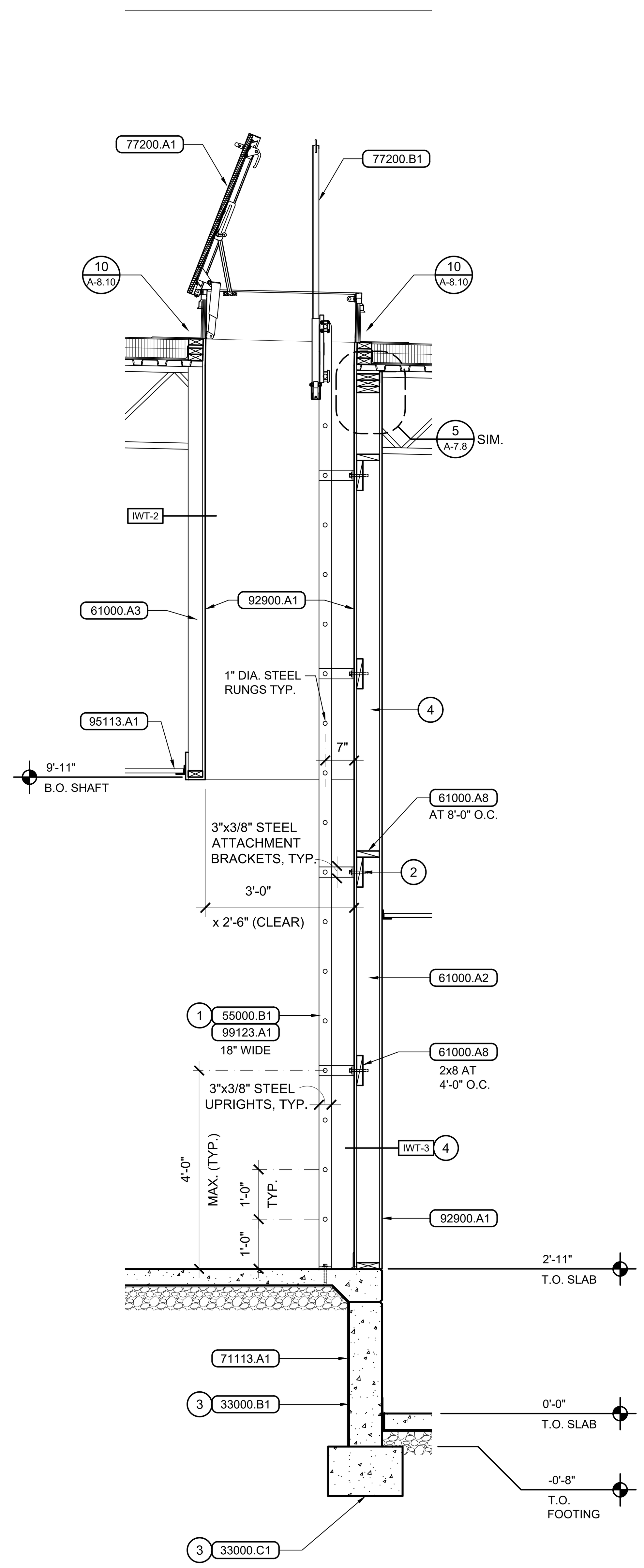
1 Wall Section
Scale: 1/2" = 1'-0"



2 Wall Section
Scale: 1/2" = 1'-0"



3 Wall Section
Scale: 1/2" = 1'-0"



4 Wall Section
Scale: 1/2" = 1'-0"

General Notes

1. SEE STRUCTURAL NOTES AND EARTHWORK SPECIFICATIONS FOR STRUCTURAL FILL REQUIREMENTS BELOW CONCRETE FOOTINGS AND SLABS.
2. SEE STRUCTURAL PLANS AND DETAILS FOR JOIST, TRUSS, BEAM, AND HEADER SIZES AND SPACINGS.
3. SEE ROOM FINISH SCHEDULE , SHEET A-4.1 FOR CEILING TYPES AND HEIGHTS NOT SHOWN OR NOTED.
4. SEE SHEETS A4.2 AND A4.3 FOR WINDOW AND DOOR TYPES AND SIZES.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-?) (IWT-?).

Reference Notes

- (A) EXISTING CONCRETE FOOTING.
- (B) EXISTING CONCRETE FOUNDATION WALL.
- (C) EXISTING CONCRETE FLOOR SLAB.
- (D) EXISTING WOOD STUD WALL.
- (E) EXISTING CONCRETE MASONRY UNIT WALL.
- (F) EXISTING WOOD ROOF JOISTS / TRUSSES.
- (G) EXISTING OPEN WEB STEEL ROOF JOISTS.
- (H) EXISTING SINGLE-PLY MEMBRANE ROOF OVER RIGID INSULATION.
- (I) EXISTING PIPE TUNNEL.
- (J) EXISTING WOOD CEILING FRAMING.
- (K) EXISTING DOOR AND / OR FRAME TO REMAIN. SEE DOOR SCHEDULE.
- (L) EXISTING WINDOW TO REMAIN.
- (M) EXISTING BRICK VENEER TO REMAIN.
- (N) EXISTING STUCCO FASCIA AND METAL COPING TO REMAIN.
- (O) EXISTING WOOD FLOOR FRAMING TO REMAIN.

- (1) FIELD VERIFY REQUIRED LADDER HEIGHT.
- (2) COORDINATE ELEVATION OF WOOD STUD BLOCKING.
- (3) SEE STRUCTURAL FOR SIZE AND REINFORCING.
- (4) 1-HOUR FIRE BARRIER. SEE SHEET A-1.1 FOR ASSEMBLY REQUIREMENTS.

Keyed Notes

DIVISION 3 - CONCRETE

33000.A1	CONCRETE FOOTING
33000.B1	CONCRETE FOUNDATION WALL
33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.J1	WELDED WIRE MESH REINFORCING
33000.M1	VAPOR RETARDER

DIVISION 5 - METALS

55000.B1	STEEL LADDER

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A2	WOOD STUD(S) 2x6 AT 16" O.C., U.N.O.
61000.A3	WOOD STUD(S) 2x4 AT 16" O.C. U.N.O.
61000.A8	SOLID BLOCKING / BRIDGING
61000.E2	ENGINEERED WOOD I JOIST(S) AT 24" O.C., U.N.O.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

71113.A1	BITUMINOUS DAMPPROOFING
72100.A2	RIGID WALL INSULATION PANELS - EXPANDED POLYSTYRENE, 2 1/2" U.N.O. INTEGRALLY FURRED
72100.B1	BATT INSULATION, GLASS FIBER, UNFACED 5 1/2"
77200.A1	PRE-FABRICATED ROOF HATCH AND CURB
77200.B1	ROOF LADDER SAFETY POST

DIVISION 9 - FINISHES

92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.E2	SOUND ATTENUATION BLANKET(S) 5 1/2"
95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS
99123.A1	PAINT-INTERIOR

DIVISION 31 - EARTHWORK

312300.B1	DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS

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2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
WWW.LKVARCHITECTS.COM
208.336.3443

LICENSED ARCHITECT AMBER AR-2330 2/24/23 STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

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CHECKED BY: WT

Agency Review

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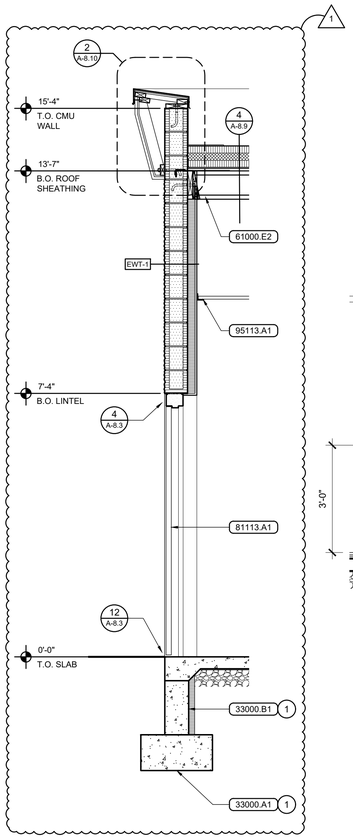
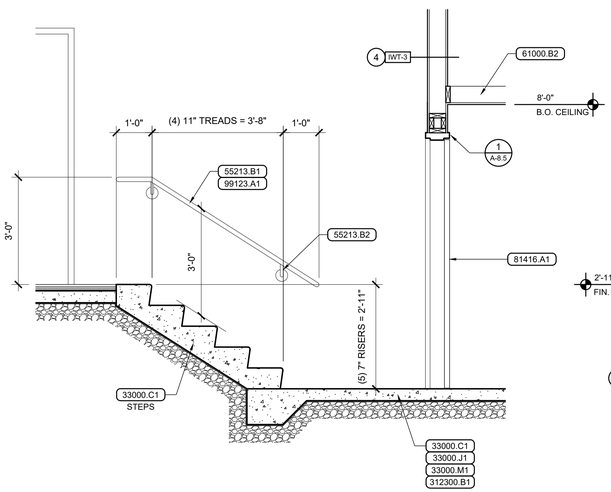


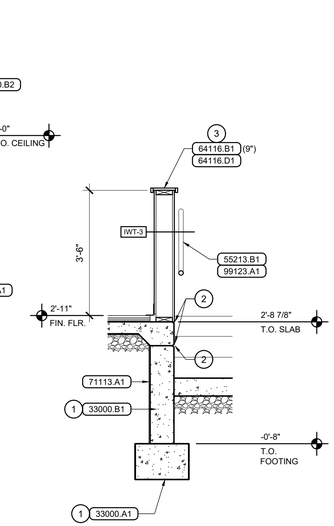
1 Wall Section

Scale: 1/2" = 1'-0"



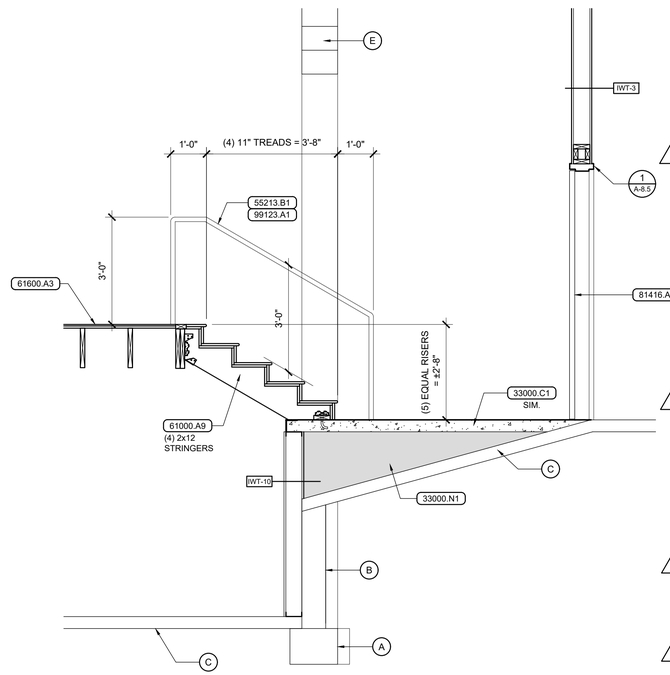
2 Stair at Stage 186

Scale: 1/2" = 1'-0"



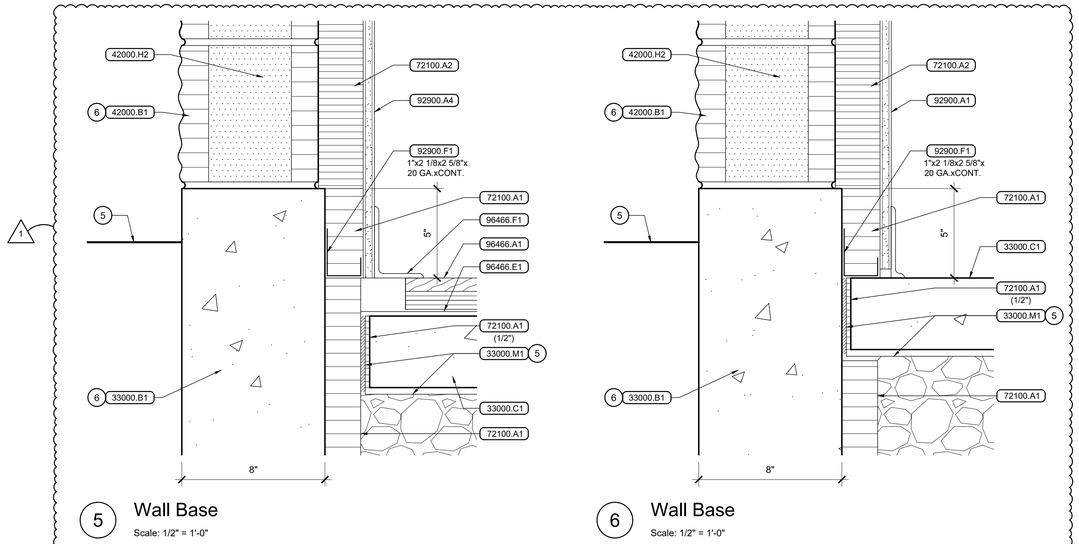
3 Stair Side Wall at Stage 186

Scale: 1/2" = 1'-0"



4 Stair at IT Server 150

Scale: 1/2" = 1'-0"



General Notes

1. SEE STRUCTURAL NOTES AND EARTHWORK SPECIFICATIONS FOR STRUCTURAL FILL REQUIREMENTS BELOW CONCRETE FOOTINGS AND SLABS.
2. SEE STRUCTURAL PLANS AND DETAILS FOR JOIST, TRUSS, BEAM, AND HEADER SIZES AND SPACINGS.
3. SEE ROOM FINISH SCHEDULE , SHEET A-4.1 FOR CEILING TYPES AND HEIGHTS NOT SHOWN OR NOTED.
4. SEE SHEETS A4.2 AND A4.3 FOR WINDOW AND DOOR TYPES AND SIZES.
5. SEE SHEETS A-8.6 AND A-8.7 FOR WALL TYPES (EWT-7) (IWT-7).

Reference Notes

- (A) EXISTING CONCRETE FOOTING.
- (B) EXISTING CONCRETE FOUNDATION WALL.
- (C) EXISTING CONCRETE FLOOR SLAB.
- (D) EXISTING WOOD STUD WALL.
- (E) EXISTING CONCRETE MASONRY UNIT WALL.
- (F) EXISTING WOOD ROOF JOISTS / TRUSSES.
- (G) EXISTING OPEN WEB STEEL ROOF JOISTS.
- (H) EXISTING SINGLE-PLY MEMBRANE ROOF OVER RIGID INSULATION.
- (I) EXISTING PIPE TUNNEL.
- (J) EXISTING WOOD CEILING FRAMING.
- (K) EXISTING DOOR AND / OR FRAME TO REMAIN. SEE DOOR SCHEDULE.
- (L) EXISTING WINDOW TO REMAIN.
- (M) EXISTING BRICK VENEER TO REMAIN.

- (1) SEE STRUCTURAL FOR SIZE AND REINFORCING.
- (2) 3/4" CHAMFER.
- (3) CAP WITH 1 1/2" TURN-DOWN EDGES.
- (4) 1-HOUR RATED FIRE BARRIER. SEE SHEET A-1.1 FOR ASSEMBLY REQUIREMENTS.
- (5) SEE CIVIL / LANDSCAPE DRAWINGS FOR PAVING / MOWSTRIP MATERIAL AND ELEVATIONS.
- (6) SEE WALL SECTIONS FOR ELEVATIONS AND STRUCTURAL FOR REINFORCING.
- (7) TURN UP VAPOR RETARDER TO TOP OF SLAB AND SEAL TO WALL WITH URETHANE SEALANT.

Keyed Notes

DIVISION 3 - CONCRETE

33000.A1	CONCRETE FOOTING
33000.B1	CONCRETE FOUNDATION WALL
33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.J1	WELDED WIRE MESH REINFORCING
33000.M1	VAPOR RETARDER
33000.N1	GEO-FOAM BLOCKS

DIVISION 4 - MASONRY

42000.B1	CONCRETE MASONRY UNIT(S) SPLIT FACE, 8x8x16
42000.A1	CONCRETE MASONRY UNIT(S) SMOOTH FACE, 8x8x16
42000.H2	SOLID GROUT

DIVISION 5 - METALS

55213.B1	STEEL PIPE HANDRAIL, MIN. OUTSIDE DIA. 1 3/4"
55213.B2	STEEL HANDRAIL WALL BRACKET

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.E2	ENGINEERED WOOD I JOIST(S) AT 24" O.C., U.N.O.
61000.A9	DIMENSION LUMBER BEAM / HEADER / LEDGER
61000.B2	WOOD JOIST(S) 2x6 AT 16" O.C., U.N.O.
61600.A3	FLOOR SHEATHING, 23/32" O.S.B. (T&G)
64116.B1	3/4" PLYWOOD, EXTERIOR GRADE
64116.D1	H.P. DECORATIVE LAMINATE- EXPOSED EXTERIOR SURFACES

DIVISION 7 - THERMAL & MOISTURE PROTECTION

72100.A1	RIGID FOUNDATION WALL INSULATION - 2" EXTRUDED POLYSTYRENE, U.N.O.
72100.A2	RIGID WALL INSULATION PANELS - EXPANDED POLYSTYRENE, 2 1/2" U.N.O. INTEGRALLY FURRED
71113.A1	BITUMINOUS DAMPROOFING

DIVISION 8 - OPENINGS

81113.A1	HOLLOW METAL DOOR
81416.A1	FLUSH WOOD DOOR

DIVISION 9 - FINISHES

92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.A4	ABUSE RESISTANT GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.F1	CONTINUOUS SHEET METAL BREAK SHAPE. SIZE AND GAUGE AS NOTED
95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS
96466.A1	HARDWOOD FLOORING, 3/4"
96466.E1	VAPOR BARRIER
96466.F1	VENTED BASE
99123.A1	PAINT-INTERIOR

DIVISION 31 - EARTHWORK

312300.B1	DRAINAGE FILL COURSE, 6" THICK, 3/4" MINUS

LKV ARCHITECTS
2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
WWW.LKVARCHITECTS.COM
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LICENSED ARCHITECT
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Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
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REVISIONS
1 7/28/23

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Agency Review

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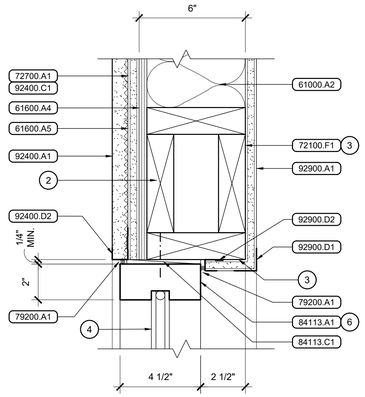
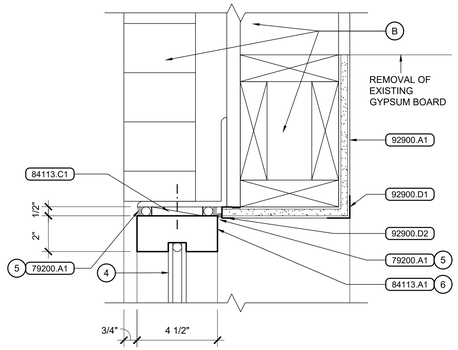


1 Window Head

Scale: 3" = 1'-0"



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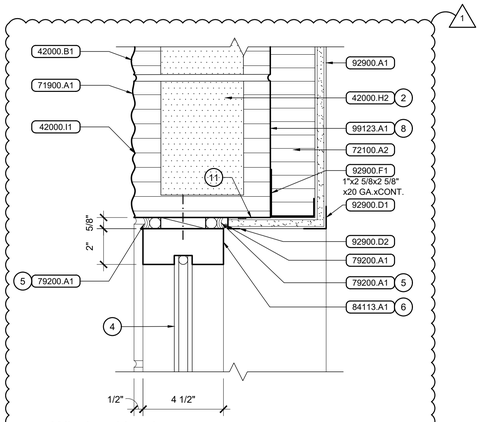
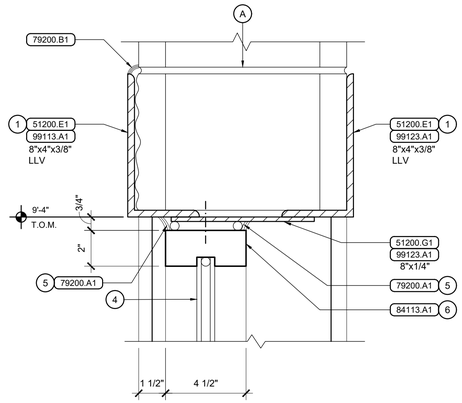
Scale: 3" = 1'-0"



3 Window Head

Scale: 3" = 1'-0"



4 Window Head

Scale: 3" = 1'-0"

5 Window Jamb

Scale: 3" = 1'-0"

6 Window Jamb

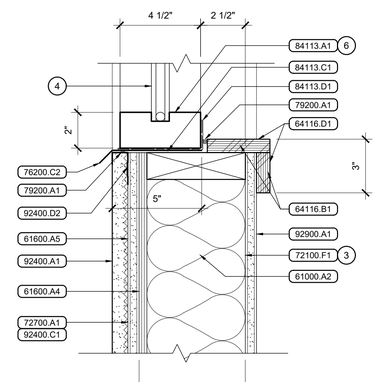
Scale: 3" = 1'-0"

7 Window Jamb

Scale: 3" = 1'-0"

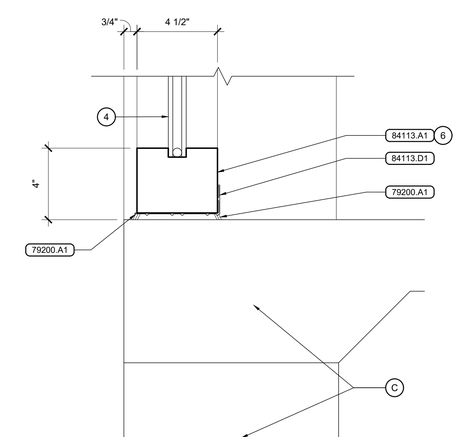
8 Window Jamb

Scale: 3" = 1'-0"



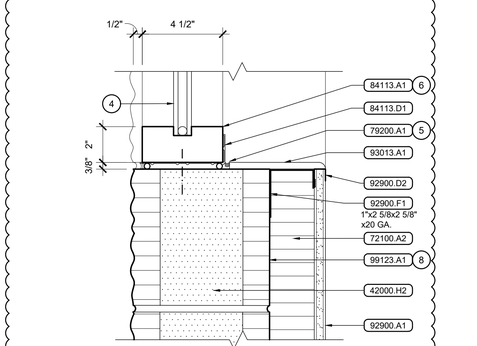
9 Window Sill

Scale: 3" = 1'-0"



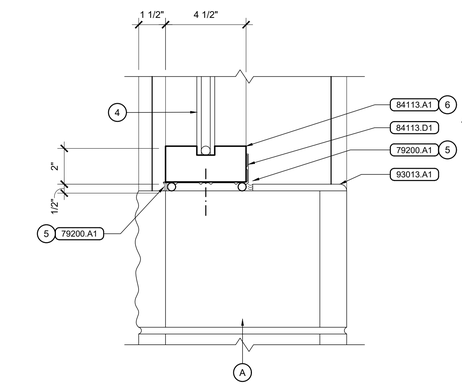
10 Window Sill

Scale: 3" = 1'-0"



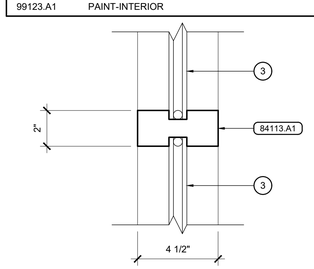
11 Window Sill

Scale: 3" = 1'-0"



12 Window Sill

Scale: 3" = 1'-0"



13 Window Mullion

Scale: 3" = 1'-0"

General Notes

1. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.

Reference Notes

- (A) EXISTING CONCRETE MASONRY UNIT WALL.
- (B) EXISTING WOOD STUD AND MASONRY VENEER WALL.
- (C) EXISTING FOUNDATION AND TURN DOWN SLAB.

- (1) EXTEND ANGLES 8" BEYOND EACH SIDE OF CMU ROUGH OPENING.
- (2) SEE STRUCTURAL FOR HEADER AND LINTEL TYPES / SIZES.
- (3) EXTEND VAPOR RETARDER TO WINDOW / DOOR FRAME.
- (4) SEE SHEET A-4.3 FOR GLAZING TYPE.
- (5) WITH EXPANDABLE BACKER ROD OF SIZE REQUIRED.
- (6) ANCHOR AS RECOMMENDED BY WINDOW MANUFACTURER.
- (7) REFER TO STRUCTURAL FOR JAMB REINFORCEMENT REQUIREMENTS. MODIFY BLOCK INSULATION AS REQUIRED TO MAINTAIN REBAR CLEARANCES.
- (8) AIR BARRIER CONSISTING OF HEAVY CONTINUOUS COAT OF BLOCK FILLER. SEE SPECS.
- (9) 3" DIA. OPENINGS. SPACING PER STRUCTURAL.
- (10) SEE STRUCTURAL FOR ANCHOR BOLT SIZE AND SPACING.
- (11) MASTIC GYPSUM BOARD AND TRIM TO CMU.

Keyed Notes

DIVISION 4 - MASONRY

42000.B1	CONCRETE MASONRY UNIT(S) SPLIT FACE, 8x8x16
42000.H2	SOLID GROUT
42000.I1	LINTEL UNIT(S)

DIVISION 5 - METALS

51200.E1	STEEL ANGLE
51200.G1	STEEL PLATE
51200.I1	STEEL TUBE
51200.J2	ANCHOR BOLT(S)

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A2	WOOD STUD(S) 2x6 AT 16" O.C., U.N.O.
64116.B1	3/4" PLYWOOD, EXTERIOR GRADE
64116.D1	H.P. DECORATIVE LAMINATE- EXPOSED EXTERIOR SURFACES
61600.A4	WALL SHEATHING, 7/16" O.S.B.
61600.A5	WALL SHEATHING, 5/8" GYPSUM SHEATHING, TYPE "X" U.N.O.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

71900.A1	WATER REPELLENT
72100.A2	RIGID WALL INSULATION PANELS - EXPANDED POLYSTYRENE, 2 1/2" U.N.O. INTEGRALLY FURRED
72100.F1	VAPOR RETARDER WITH TAPED SEAMS
72700.A1	INFILTRATION / AIR BARRIER, SHEET MEMBRANE
76200.C2	PRE-FINISHED METAL FLASHING, 24 GA.
79200.A1	ONE PART SILICON SEALANT

DIVISION 8 - OPENINGS

84113.A1	ALUMINUM STOREFRONT WINDOW FRAMING
84113.C1	SHIM
84113.D1	ALUMINUM STOREFRONT SILL FLASHING

DIVISION 9 - FINISHES

92400.A1	EXTERIOR PORTLAND CEMENT STUCCO SYSTEM, 7/8"
92400.C1	BUILDING PAPER
92400.D2	GALVANIZED STEEL CASING BEAD
92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.D1	METAL CORNER BEAD
92900.D2	METAL TRIM, LC
92900.F1	CONTINUOUS SHEET METAL BREAK SHAPE. SIZE AND GAUGE AS NOTED
93013.A1	CERAMIC WALL TILE SYSTEM
99113.A1	PAINT-EXTERIOR
99123.A1	PAINT-INTERIOR

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LICENSED ARCHITECT NUMBER AR-2356 7/24/23 STATE OF IDAHO

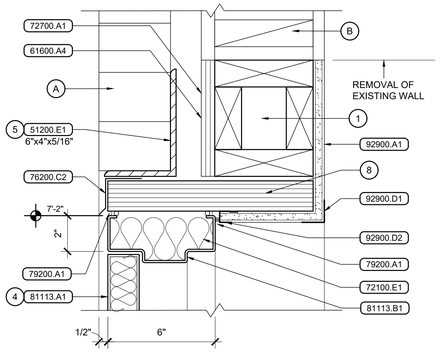
Jefferson Elementary School Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

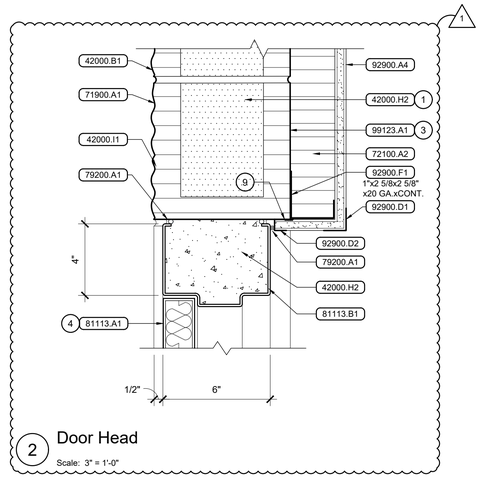
Agency Review

DRAWING NO.
A-8.1



1 Door Head

Scale: 3" = 1'-0"



2 Door Head

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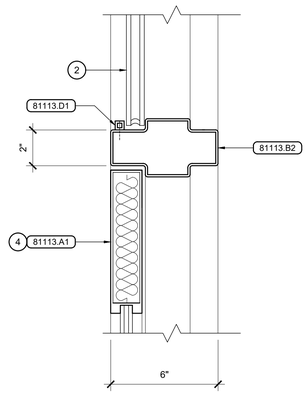
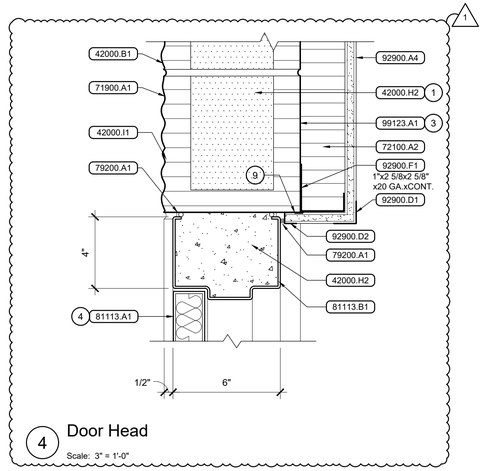


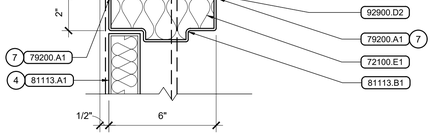
3 Door / Window Mullion

Scale: 3" = 1'-0"



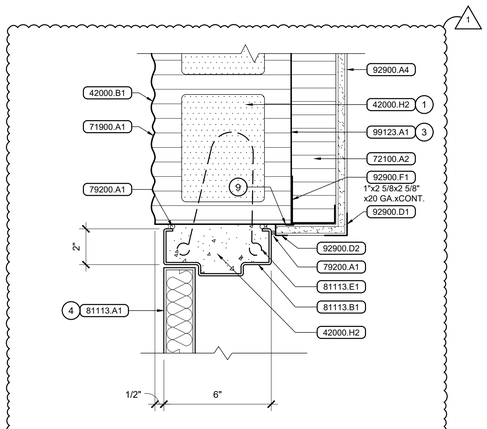
4 Door Head

Scale: 3" = 1'-0"



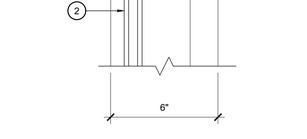
5 Door Jamb

Scale: 3" = 1'-0"



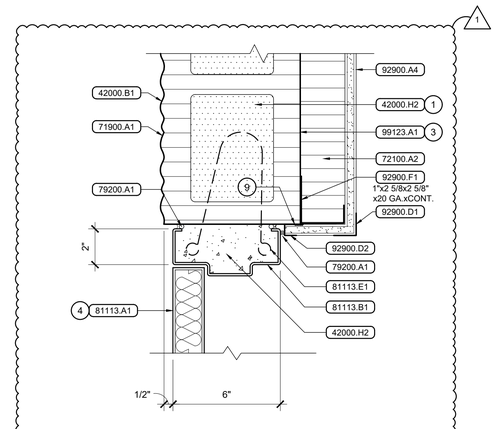
6 Door Jamb

Scale: 3" = 1'-0"



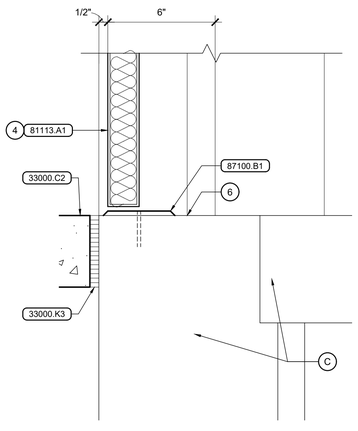
7 Window Mullion

Scale: 3" = 1'-0"



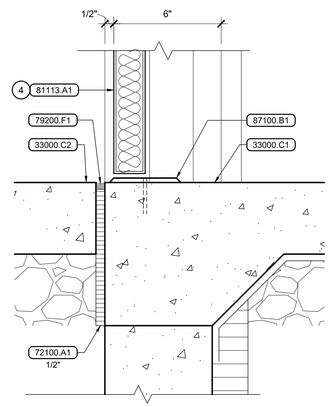
8 Door Jamb

Scale: 3" = 1'-0"



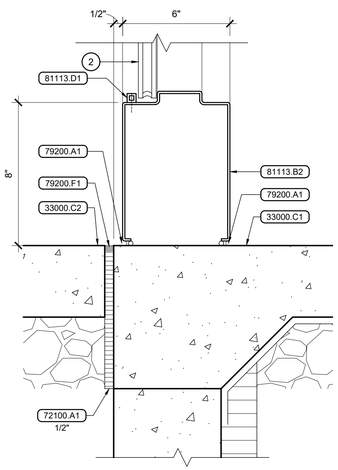
9 Door Threshold

Scale: 3" = 1'-0"



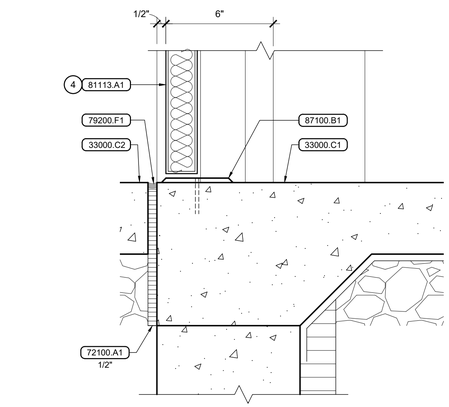
10 Door Threshold

Scale: 3" = 1'-0"



11 Door Threshold

Scale: 3" = 1'-0"



12 Door Threshold

Scale: 3" = 1'-0"

General Notes

1. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.

Reference Notes

- (A) EXISTING BRICK VENEER.
- (B) EXISTING WOOD STUD WALL.
- (C) EXISTING FOUNDATION WALL AND FLOOR SLAB.

- (1) SEE STRUCTURAL FOR HEADER AND LINTEL TYPES / SIZES.
- (2) SEE SHEET A-4.3 FOR GLAZING TYPE.
- (3) AIR BARRIER CONSISTING OF HEAVY CONTINUOUS COAT OF BLOCK FILLER. SEE SPECS.
- (4) SEE SHEET A-4.2 FOR DOOR TYPE.
- (5) EXTEND ANGLES 4" BEYOND EACH SIDE OF CMU ROUGH OPENING.
- (6) GRIND TOP OF EXISTING FOUNDATION WALL AS REQUIRED TO FLUSH OUT WITH EXISTING CONCRETE FLOOR SLAB.
- (7) WITH EXPANDABLE BACKER ROD OF SIZE REQUIRED.
- (8) SOLID SHIM AS REQUIRED.
- (9) MASTIC METAL LC TRIM TO CMU.

Keyed Notes

DIVISION 3 - CONCRETE

33000.C1	CONCRETE FLOOR SLAB ON GRADE, 4" U.N.O.
33000.C2	CONCRETE SLAB ON GRADE (EXTERIOR), 4" U.N.O.
33000.K3	EXPANSION JOINT, 1/2" FIBER BOARD

DIVISION 4 - MASONRY

42000.B1	CONCRETE MASONRY UNIT(S) SPLIT FACE, 8x8x16
42000.H2	SOLID GROUT
42000.I1	LINTEL UNIT(S)
42000.L1	RIGID MASONRY-CELL INSULATION

DIVISION 5 - METALS

51200.E1	STEEL ANGLE

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A1	DIMENSION LUMBER
61600.A4	WALL SHEATHING, 7/16" O.S.B.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

71900.A1	WATER REPELLENT
72100.A1	RIGID FOUNDATION WALL INSULATION - 2" EXTRUDED POLYSTYRENE, U.N.O.
72100.A2	RIGID WALL INSULATION PANELS - EXPANDED POLYSTYRENE, 2 1/2" U.N.O. INTEGRALLY FURRED
72100.E1	COMPRESSIBLE FILLER INSULATION, GLASS FIBER
72700.A1	INFILTRATION / AIR BARRIER, SHEET MEMBRANE
76200.C2	PRE-FINISHED METAL FLASHING, 24 GA.
79200.A1	ONE PART SILICON SEALANT
79200.F1	FLOOR SLAB JOINT SEALANT

DIVISION 8 - OPENINGS

81113.A1	HOLLOW METAL DOOR
81113.B1	HOLLOW METAL DOOR FRAME
81113.B2	HOLLOW METAL DOOR / GLAZING FRAME
81113.D1	GLAZING STOP
81113.E1	FRAME ANCHOR(S) FOR MASONRY WALLS
87100.B1	ALUMINUM THRESHOLD

DIVISION 9 - FINISHES

92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.A4	ABUSE RESISTANT GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.D1	METAL CORNER BEAD
92900.D2	METAL TRIM, LC
92900.F1	CONTINUOUS SHEET METAL BREAK SHAPE. SIZE AND GAUGE AS NOTED
99123.A1	PAINT-INTERIOR

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LICENSED ARCHITECT
NUMBER
AR-2356
7/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

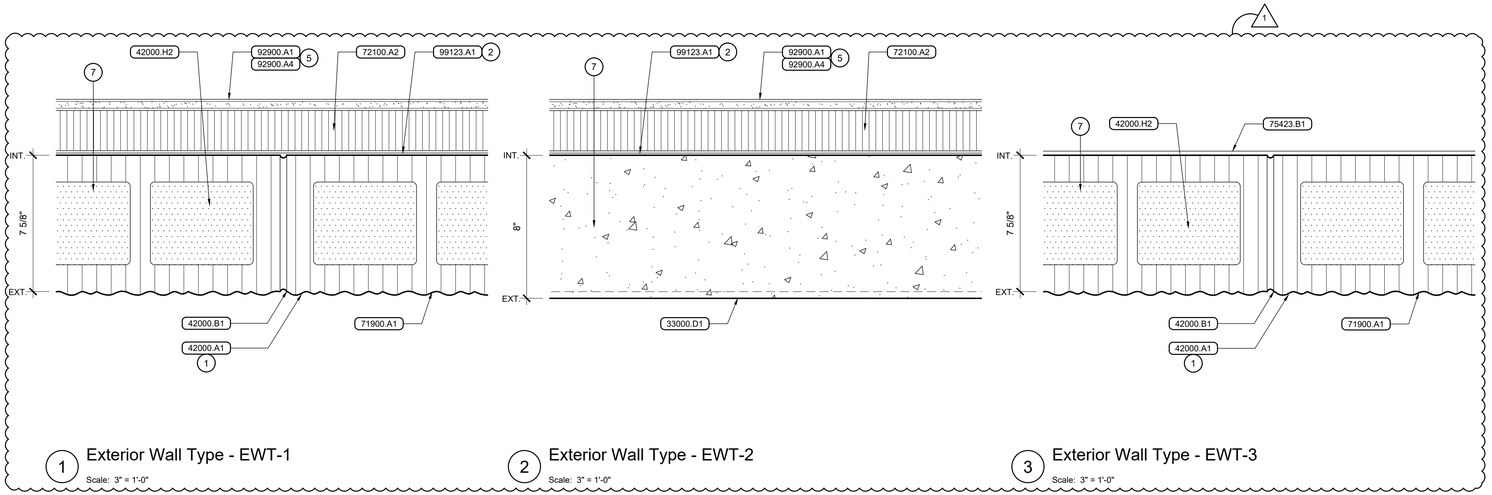
DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

Agency Review

DRAWING NO.

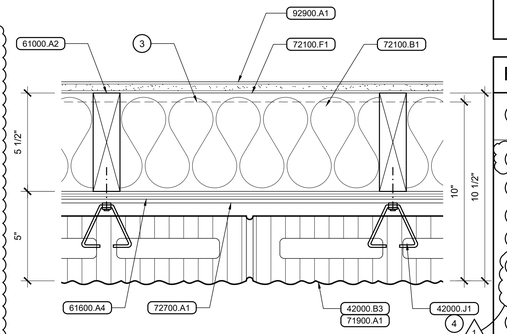
A-8.3



1 Exterior Wall Type - EWT-1
Scale: 3" = 1'-0"

2 Exterior Wall Type - EWT-2
Scale: 3" = 1'-0"

3 Exterior Wall Type - EWT-3
Scale: 3" = 1'-0"



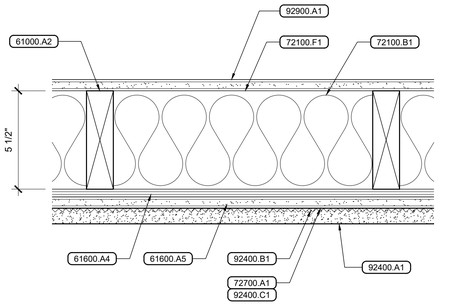
4 Exterior Wall Type - EWT-4
Scale: 3" = 1'-0"

General Notes

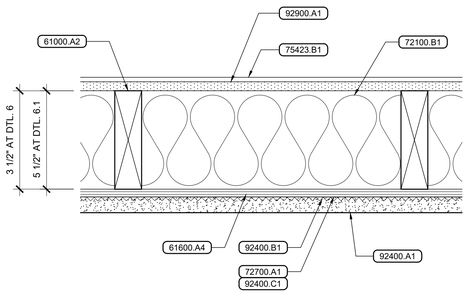
1. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.

Reference Notes

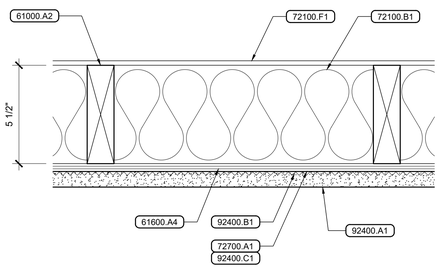
- (A) EXISTING CONCRETE MASONRY UNIT WALL.
- (1) SMOOTH FACE CMU AT AT TOP COURSE OF PARAPET. 1
- (2) AIR BARRIER CONSISTING OF HEAVY CONTINUOUS COAT OF BLOCK FILLER AT EXTERIOR WALLS BELOW ROOF. SEE SPECS.
- (3) INSIDE FACE OF FOUNDATION WALL.
- (4) 16" O.C. VERT. AND 16" O.C. HORIZ. ATTACH TO WALL STUDS
- (5) REFER TO BUILDING ROOM FINISH SCHEDULE AND WALL SECTIONS FOR LOCATIONS STANDARD / ABUSE RESISTANT GYPSUM BOARD. USE STANDARD GYPSUM BOARD IN CONCEALED SPACES ABOVE SUSPENDED CEILING.
- (6) SEE STRUCTURAL FOR VERTICAL REINFORCING AND CONTINUOUS AND DISCONTINUOUS HORIZ. REINFORCING. STOP HORIZ. BARS EA. SIDE OF JOINT EXCEPT CHORD BARS.
- (7) SEE STRUCTURAL FOR REINFORCING.
- (8) INSULATED SOFFIT ABOVE.



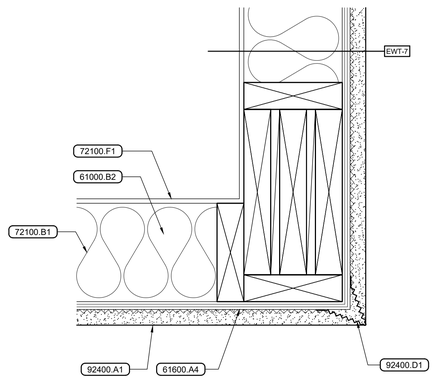
5 Exterior Wall Type - EWT-5
Scale: 3" = 1'-0"



6 6.1 Exterior Wall Type - EWT-6 / EWT-6.1
Scale: 3" = 1'-0"



7 Exterior Wall Type - EWT-7
Scale: 3" = 1'-0"



9 Soffit Transition
Scale: 3" = 1'-0"

Keyed Notes

1

DIVISION 3 - CONCRETE

33000.D1	CONCRETE WALL

DIVISION 4 - MASONRY

42000.A1	CONCRETE MASONRY UNIT(S) SMOOTH FACE, 8x8x16
42000.B1	CONCRETE MASONRY UNIT(S) SPLIT FACE, 8x8x16
42000.B3	CONCRETE MASONRY UNIT(S) SPLIT FACE, 4x8x16
42000.H2	SOLID GROUT
42000.J1	VENEER TIE(S)
42000.K1	CONTROL JOINT WITH PREFORMED GASKETING
42000.L1	RIGID MASONRY-CELL INSULATION

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A1	DIMENSION LUMBER
61000.A2	WOOD STUD(S) 2x6 AT 16" O.C., U.N.O.
61000.A3	WOOD STUD(S) 2x4 AT 16" O.C. U.N.O.
61000.B2	WOOD JOIST(S) 2x6 AT 16" O.C., U.N.O.
61000.D1	FASTENER(S)
61600.A4	WALL SHEATHING, 7/16" O.S.B.
61600.A5	WALL SHEATHING, 5/8" GYPSUM SHEATHING, TYPE "X" U.N.O.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

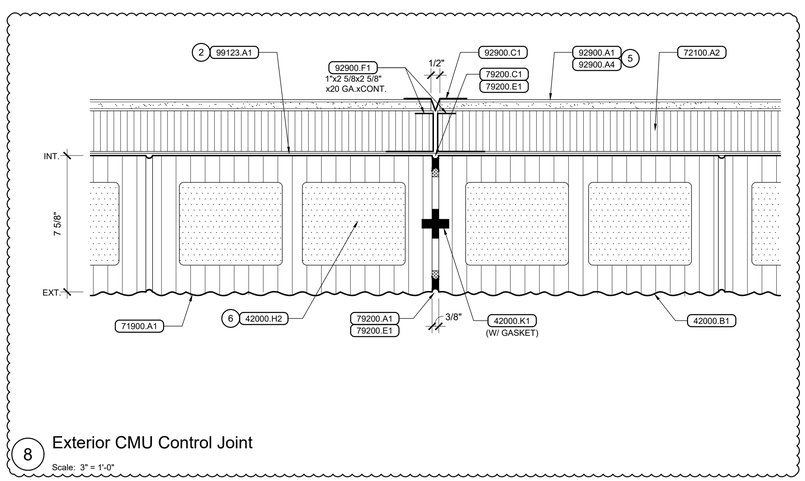
71900.A1	WATER REPELLENT
72100.A2	RIGID WALL INSULATION PANELS - EXPANDED POLYSTYRENE, 2 1/2", U.N.O. INTEGRALLY FURRED
72100.B1	BATT INSULATION, GLASS FIBER, UNFACED 5 1/2"
72100.F1	VAPOR RETARDER WITH TAPED SEAMS
72700.A1	INFILTRATION / AIR BARRIER, SHEET MEMBRANE
75423.B1	SINGLE-PLY MEMBRANE FLASHING, FULLY ADHERED
79200.A1	ONE PART SILICON SEALANT
79200.C1	LATEX JOINT SEALANT
79200.E1	FOAM BACKER ROD

DIVISION 8 - OPENINGS

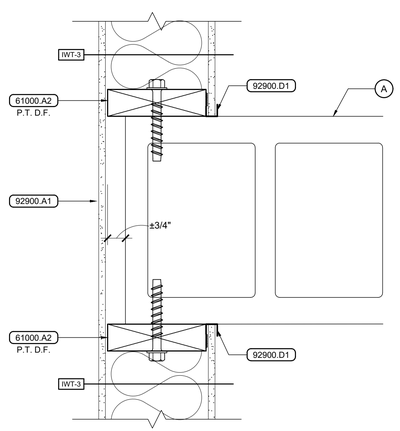
81113.B2	HOLLOW METAL DOOR / GLAZING FRAME

DIVISION 9 - FINISHES

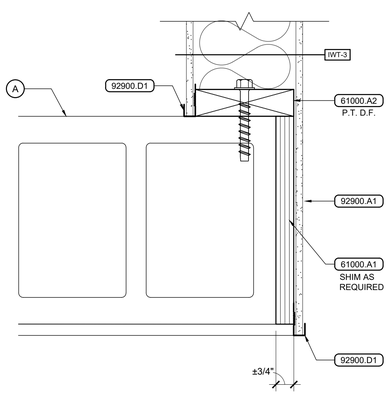
92400.A1	EXTERIOR PORTLAND CEMENT STUCCO SYSTEM, 7/8"
92400.B1	GALVANIZED STEEL LATH
92400.C1	BUILDING PAPER
92400.D1	GALVANIZED STEEL CORNER BEAD
92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.A4	ABUSE RESISTANT GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.C1	CONTROL JOINT
92900.D1	METAL CORNER BEAD
92900.D2	METAL TRIM, LC
92900.F1	CONTINUOUS SHEET METAL BREAK SHAPE. SIZE AND GAUGE AS NOTED
99123.A1	PAINT-INTERIOR



8 Exterior CMU Control Joint
Scale: 3" = 1'-0"



10 Wall Detail
Scale: 3" = 1'-0"



11 Wall Detail
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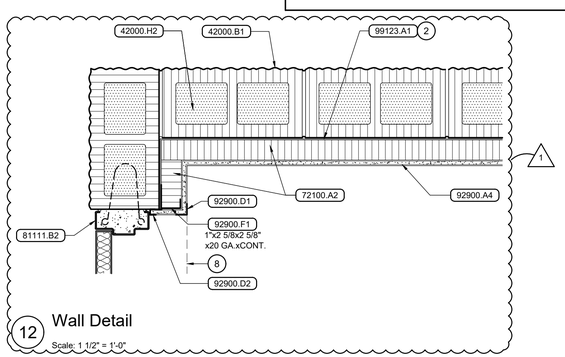

12 Wall Detail
Scale: 1 1/2" = 1'-0"

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LICENSED ARCHITECT
NUMBER AR-2356
2/24/23
STATE OF IDAHO

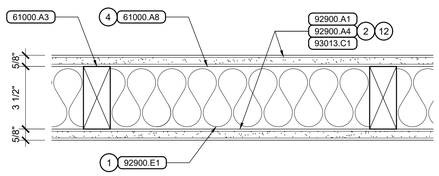
Jefferson Elementary School
Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

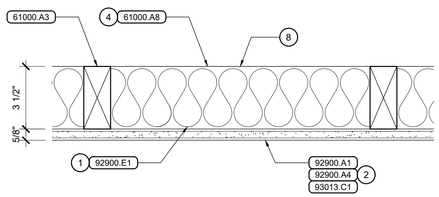
Agency Review

DRAWING NO.
A-8.6



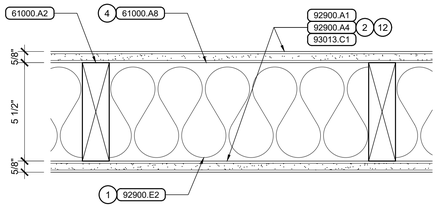
1 Interior Wall Type - IWT-1

Scale: 3" = 1'-0"



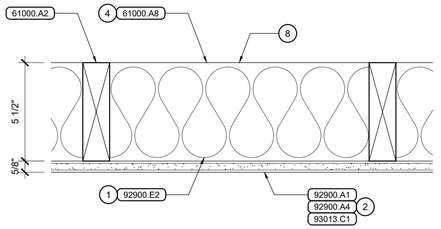
2 Interior Wall Type - IWT-2

Scale: 3" = 1'-0"



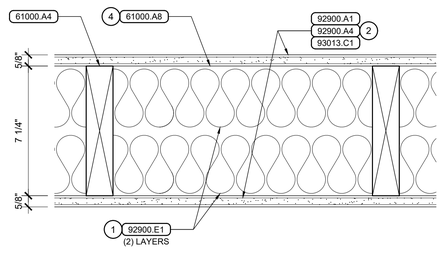
3 Interior Wall Type - IWT-3

Scale: 3" = 1'-0"



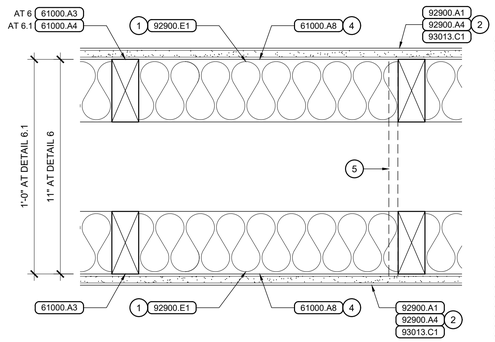
4 Interior Wall Type - IWT-4

Scale: 3" = 1'-0"



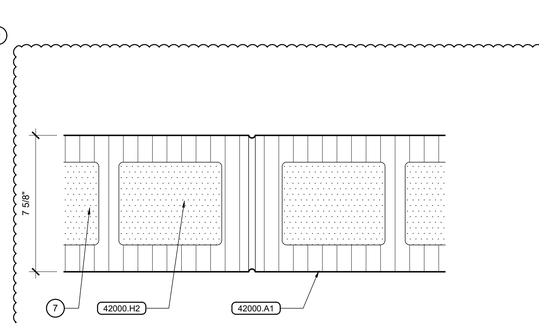
5 Interior Wall Type - IWT-5

Scale: 3" = 1'-0"



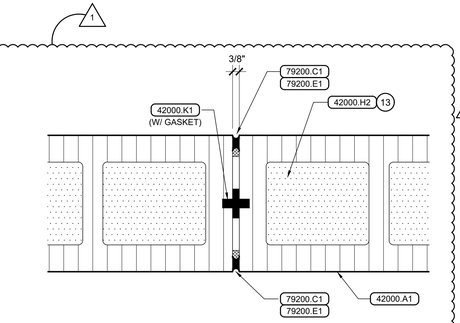
6 6.1 Interior Wall Type - IWT-6 / IWT-6.1

Scale: 3" = 1'-0"



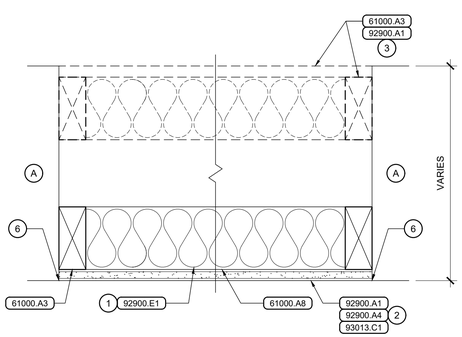
7 Interior Wall Type - IWT-7

Scale: 3" = 1'-0"



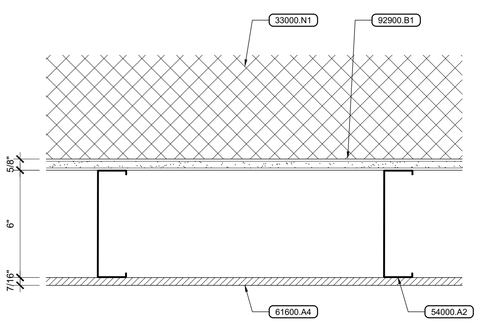
8 Interior CMU Control Joint

Scale: 3" = 1'-0"



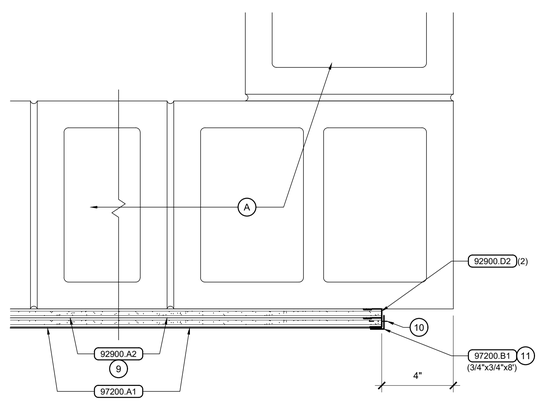
9 9.1 Interior Wall Type - IWT-9 / IWT-9.1

Scale: 3" = 1'-0"



10 Interior Wall Type - IWT-10

Scale: 3" = 1'-0"



11 Wall Mural

Scale: 3" = 1'-0"

General Notes

1. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.

Reference Notes

- (A) EXISTING WALL CONSTRUCTION.

- (1) WHERE INDICATED ON FLOOR PLANS.
- (2) SEE ROOM FINISH SCHEDULE, SHEET A-4.1, FOR ABUSE RESISTANT GYPSUM BOARD AND CERAMIC TILE WITH CEMENTITIOUS BACKER UNIT LOCATIONS.
- (3) SECOND ROW OF STUDS WITH GYPSUM BOARD FINISH AT DETAIL 9.1 ONLY.
- (4) BLOCKING AT 8'-0" O.C. VERTICALLY UNLESS INDICATED OTHERWISE.
- (5) 1/2" O.S.B. DRAFT STOP AT MAX. 10'-0" O.C. HORIZONTALLY, FLOOR SLAB TO CEILING MEMBRANE.
- (6) MEET FLUSH. MATCH EXISTING FINISH.
- (7) SEE STRUCTURAL FOR REINFORCING.
- (8) SEE FLOOR PLANS AND SECTIONS FOR ADJACENT CONSTRUCTION WHERE APPLICABLE.
- (9) MASTIC GYPSUM BOARD TO EXISTING WALL SURFACE.
- (10) ATTACH WITH MASTIC AND 1" LONG SELF TAPPING SCREWS AT 18" O.C.
- (11) COLOR AS SELECTED BY ARCHITECT TO COMPLEMENT MURAL COLOR.
- (12) SEE SHEET A-1.1 FOR FIRE RATED ASSEMBLY REQUIREMENTS AT 1-HOUR RATED FIRE BARRIERS.
- (13) SEE STRUCTURAL FOR VERTICAL REINFORCING AND CONTINUOUS AND DISCONTINUOUS HORIZ. REINFORCING. STOP HORIZ. BARS EA. SIDE OF JOINT EXCEPT CHORD BARS.

Keyed Notes

DIVISION 3 - CONCRETE

33000.N1 GEO-FOAM BLOCKS

DIVISION 4 - MASONRY

42000.A1 CONCRETE MASONRY UNIT(S) SMOOTH FACE, 8x8x16
42000.H2 SOLID GROUT
42000.K1 CONTROL JOINT WITH PREFORMED GASKETING

DIVISION 5 - METALS

54000.A2 STEEL STUD(S) 6", 18 GA. @ 16" O.C., U.N.O.

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A2 WOOD STUD(S) 2x6 AT 16" O.C., U.N.O.
61000.A3 WOOD STUD(S) 2x4 AT 16" O.C. U.N.O.
61000.A4 WOOD STUD(S) 2x8 AT 16" O.C. U.N.O.
61000.A8 SOLID BLOCKING / BRIDGING

61600.A4 WALL SHEATHING, 7/16" O.S.B.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

79200.C1 LATEX JOINT SEALANT
79200.E1 FOAM BACKER ROD

DIVISION 9 - FINISHES

92900.A1 SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.A2 DOUBLE LAYER GYPSUM BOARD, 1/2" TYPE "X" U.N.O.
92900.A4 ABUSE RESISTANT GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.B1 SINGLE LAYER GYPSUM SHEATHING, 1/2" TYPE "X" U.N.O.
92900.D2 METAL TRIM, LC
92900.E1 SOUND ATTENUATION BLANKET(S) 3 1/2"
92900.E2 SOUND ATTENUATION BLANKET(S) 5 1/2"

93013.C1 CEMENTITIOUS BACKER UNITS, 5/8"

97200.A1 DIGITALLY PRINTED WALL MURAL
97200.B1 TRIM / EDGE PROTECTOR

99123.A1 PAINT-INTERIOR

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LICENSED ARCHITECT
NUMBER AR-2356
7/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

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CHECKED BY: WT

Agency Review

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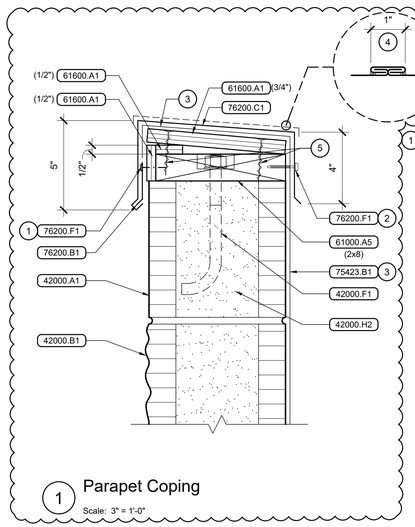
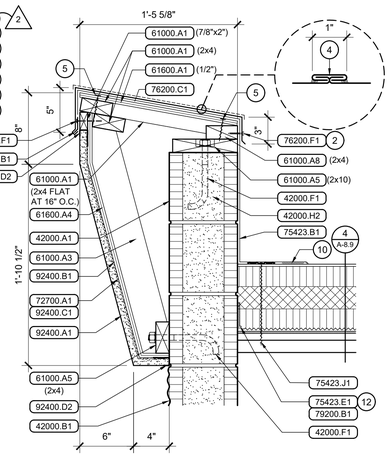
A-8.7



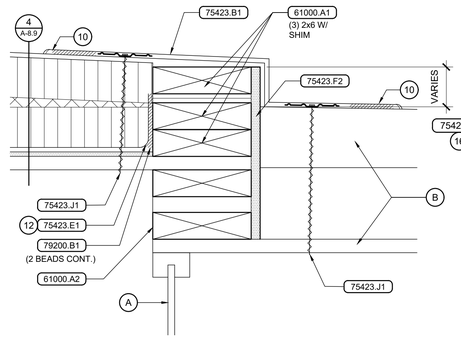
1 Parapet Coping

Scale: 3" = 1'-0"



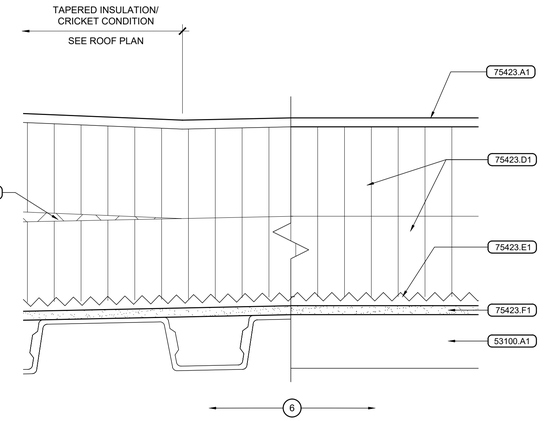
2 Parapet Coping

Scale: 3" = 1'-0"



3 Roof Flashing at Roof Transition

Scale: 3" = 1'-0"



4 Membrane Roofing Assembly

Scale: 3" = 1'-0"

5 Roof Flashing at CMU

Scale: 3" = 1'-0"

6 Roof Flashing at CMU

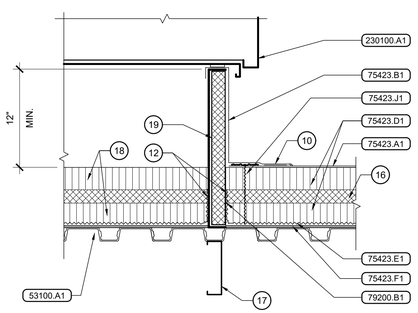
Scale: 3" = 1'-0"

7 Roof Flashing at Wood Stud Wall

Scale: 3" = 1'-0"

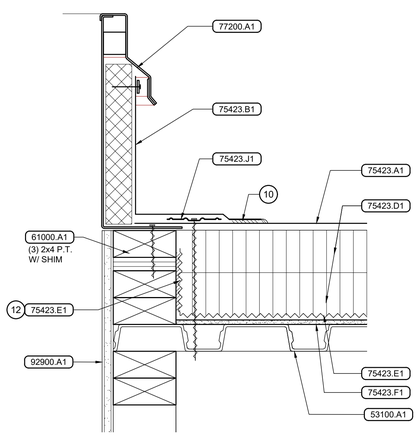
8 Roof Flashing at Roof Transition

Scale: 3" = 1'-0"



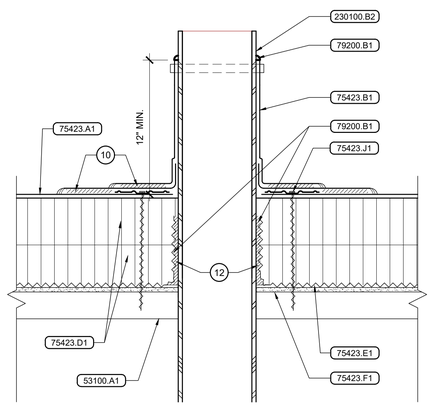
9 Mechanical Unit Detail

Scale: 1 1/2" = 1'-0"



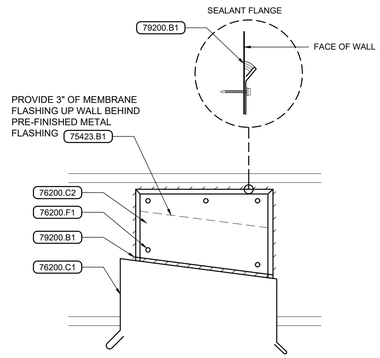
10 Roof Hatch Detail

Scale: 3" = 1'-0"



11 Pipe Flashing Detail

Scale: 3" = 1'-0"



12 Typical Parapet Coping at CMU Wall

Scale: 3" = 1'-0"

General Notes

1. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.

Reference Notes

- (A) EXISTING WOOD JOIST
- (B) EXISTING MEMBRANE ROOF ASSEMBLY.

- (1) GALVANIZED 6d NAILS AT 18" O.C.
- (2) COLORED HEX HEAD SCREWS W/NEOPRENE WASHERS AT 24" O.C. MAX. FINISH TO MATCH COPING CAP.
- (3) WRAP MEMBRANE FLASHING OVER TOP OF PARAPET.
- (4) 1" DRIVE ON JOINT COVER WITH CONT. SEALANT EACH SIDE.
- (5) (2) ROWS #12 ZINC. PLATED SCREWS.
- (6) JOIST / CEE TYPE PER ROOF FRAMING PLAN.
- (7) ROOF TO COPING HEIGHT VARIES. TERMINATION BAR REQUIRED AT MAX. 18" ABOVE ROOF PLANE AND MAX. 30" O.C. THEREAFTER.
- (8) ROOF TO COPING / REGLET HEIGHT VARIES. TERM. BAR REQUIRED AT 18" MAX. ABOVE ROOF AND 30" O.C. THEREAFTER.
- (9) 1/4" DIA. x 2 1/2" GALV. NAIL-IN ANCHOR AT 24" O.C.
- (10) HOT AIR WELD.
- (11) NAIL TO EA. STUD W/ GALV. 8d NAILS.
- (12) TURN UP VAPOR RETARDER MINIMUM 4" AND SEAL VAPOR RETARDER TO WALL AT PERIMETER OF ROOF, CURB, OR PIPE W/ DOUBLE BEAD OF URETHANE SEALANT.
- (13) SEE WALL SECTIONS FOR TOP OF MEMBRANE FLASHING.
- (14) RUN BUILDING PAPER OVER TOP OF THE STEEL BASE TERMINATION FLANGE.
- (15) GALVANIZED 1/4" DIA. x 2 1/2" LONG SCREWS W/ 1 1/4" DIA. NEOPRENE WASHERS AT EACH STUD OR AT 18" O.C. INTO CONT. PLATES
- (16) "SANDWICH" TAPERED EPS INSULATION BETWEEN LAYERS OF POLY-ISO INSULATION AT CRICKETS. SEE ROOF ASSEMBLY.
- (17) REINFORCE / BLOCK AS REQ'D. SEE STRUCTURAL. AT REPLACEMENT RTUS WHERE NEW CURB DOES NOT ALIGN WITH EXISTING BLOCKING, INSTALL NEW BLOCKING AS DIRECTED BY STRUCTURAL ENGINEER.
- (18) PROVIDE TYPICAL INSULATION & VAPOR BARRIER UNDER UNIT.
- (19) CURB BY MECHANICAL.
- (20) SCREW TO ROOF DECK AT 3" O.C. AT ENTIRE PERIMETER.
- (21) FIELD TAPER POLY-ISO INSULATION INTO ROOF DRAIN, 4'-0" DIA.
- (22) FLASH ROOF DRAIN INTO ROOFING ASSEMBLY PER ROOFING MEMBRANE MANUFACTURER'S STANDARD DETAIL AND AS APPROVED BY ARCHITECT. INCLUDE ALL REQUIRED COMPONENTS.

Keyed Notes

DIVISION 4 - MASONRY

42000.A1	CONCRETE MASONRY UNIT(S) SMOOTH FACE, 8x8x16
42000.B1	CONCRETE MASONRY UNIT(S) SPLIT FACE, 8x8x16
42000.C1	ANCHOR BOLT(S)
42000.H2	SOLID GROUT

DIVISION 5 - METALS

53100.A1	STEEL ROOF DECK, 1 1/2", 20 GAUGE, TYPE B U.N.O.

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.A1	DIMENSION LUMBER
61000.A2	WOOD STUD(S) 2x6 AT 16" O.C., U.N.O.
61000.A3	WOOD STUD(S) 2x4 AT 16" O.C. U.N.O.
61000.A5	2x P.T. WOOD SILL PLATE TO MATCH STUD WIDTH, U.N.O.
61000.A7	DBL. 2x WOOD TOP PLATE TO MATCH STUD WIDTH, U.N.O.
61000.A8	SOLID BLOCKING / BRIDGING
61600.A1	SHEATHING, MISC. (TYPE AND THICKNESS INDICATED)
61600.A4	WALL SHEATHING, 7/16" O.S.B.
61600.A5	WALL SHEATHING, 5/8" GYPSUM SHEATHING, TYPE "X" U.N.O.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

72100.E1	COMPRESSIBLE FILLER INSULATION, GLASSFIBER
72700.A1	INFILTRATION / AIR BARRIER, SHEET MEMBRANE
75423.B1	SINGLE-PLY MEMBRANE FLASHING, FULLY ADHERED
75423.D1	RIGID POOF INSULATION - POLYISOCYANURATE, (2) LAYERS, 2 1/2"
75423.D2	FACTORY TAPERED ROOF INSULATION - EPS BOARD
75423.E1	VAPOR RETARDER
75423.F1	ROOF DECK SUBSTRATE BOARD, 1/4"
75423.K1	TERMINATION BAR, CONTINUOUS
76200.B1	SURFACE MOUNTED CLEAT(S), 20 GA. GAVL.
76200.C1	PRE-FINISHED METAL COPING, 24 GA.
76200.C5	24 GA. GALV. SURFACE MOUNTED REGLET W/ SNAP-IN COUNTER FLASHING
76200.F1	FASTENER
77200.A1	PRE-FABRICATED ROOF HATCH AND CURB
79200.B1	ONE PART URETHANE SEALANT

DIVISION 9 - FINISHES

92400.A1	EXTERIOR PORTLAND CEMENT STUCCO SYSTEM, 7/8"
92400.B1	GALVANIZED STEEL LATH
92400.C1	BUILDING PAPER
92400.D2	GALVANIZED STEEL CASING BEAD
92400.D4	GALVANIZED STEEL BASE TERMINATION STRIP

DIVISION 23 - MECHANICAL

230100.A1	MECHANICAL ROOFTOP EQUIPMENT
230100.B2	STACK VENT

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LICENSED ARCHITECT
NUMBER AR-2396
2/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 5/16/23
2 7/28/23
DRAWN BY: MS
CHECKED BY: WT

Agency Review

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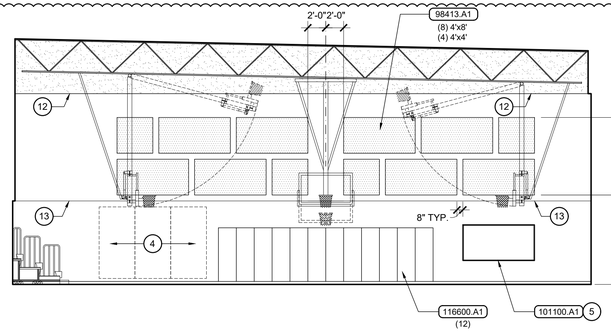
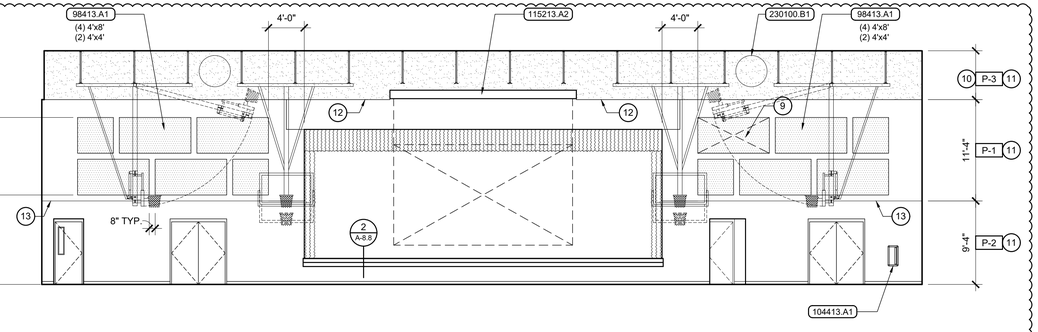


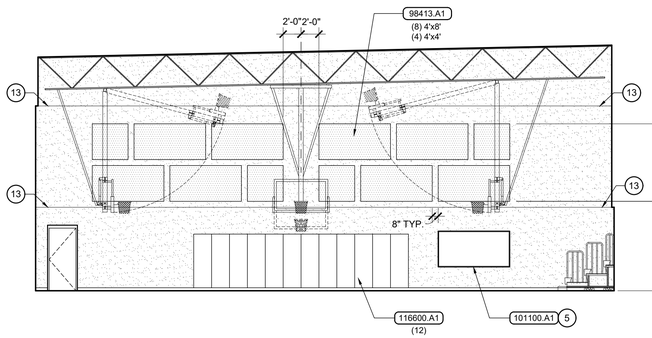
1 New Gymnasium 184 North Elevation

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



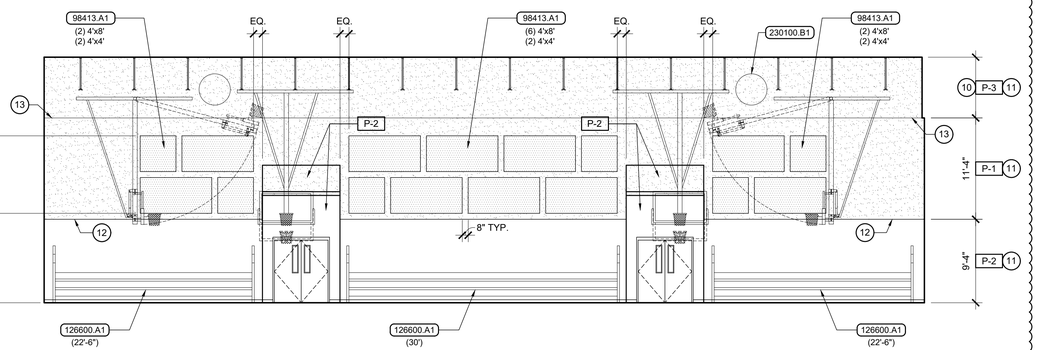
2 New Gymnasium 184 East Elevation

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



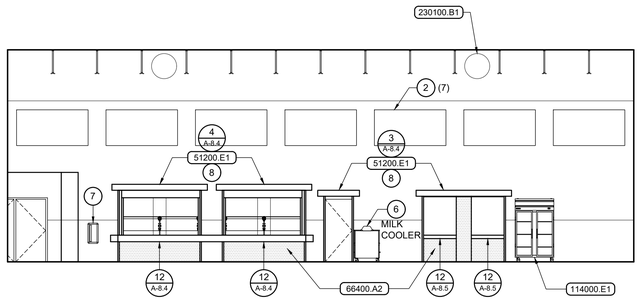
3 New Gymnasium 184 South Elevation

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



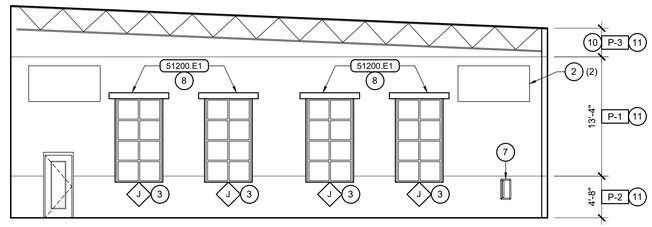
4 New Gymnasium 184 West Elevation

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



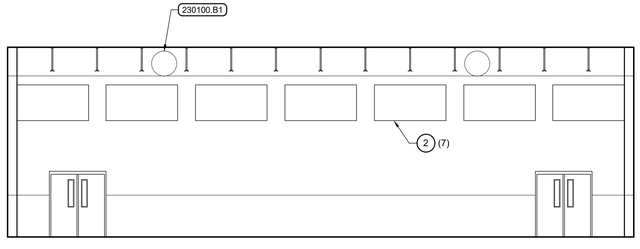
5 New Cafeteria 163 North Elevation

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



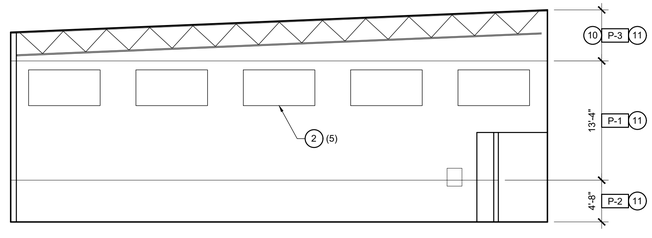
6 New Cafeteria 163 East Elevation

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



7 New Cafeteria 163 South Elevation

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



8 New Cafeteria 163 West Elevation

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

General Notes

1. SEE ROOM FINISH SCHEDULE, SHEET A-4.1, FOR FINISHES NOT SHOWN OR NOTED.

Reference Notes

1. VERIFY MOUNTING HEIGHTS WITH ARCHITECT/OWNER.
2. EXISTING FABRIC COVERED SOUND PANELS TO REMAIN.
3. BID ALTERNATE NO. 1 WORK ITEM.
4. RELOCATED CLIMBING WALL PANELS BY OWNER.
5. SUPPLY WITHOUT MARKERBOARD TRAY.
6. OWNER FURNISHED AND INSTALLED FURNITURE / EQUIPMENT (N.I.C.).
7. EXISTING FIRE EXTINGUISHER CABINET.
8. SEE DETAILS.
9. FUTURE SCOREBOARD.
10. DIMENSION VARIES. PAINT COLOR P-3 TO BE USED ON UPPER WALL, ROOF DECK, AND ROOF JOISTS.
11. TYPICAL ALL WALLS.
12. BOTTOM OF GYPSUM BOARD OVER RIGID INSULATION WALL PANELS.
13. PAINT COLOR TRANSITION ONLY.

Keyed Notes

DIVISION 5 - METALS

51200.E1 STEEL ANGLE

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

66400.A2 FIBERGLASS REINFORCED PANELS (DECORATIVE)

DIVISION 9 - FINISHES, CONT.

98413.A1 TECTUM SOUND ABSORBING ACOUSTICAL PANEL(S)

DIVISION 10 - SPECIALTIES

101100.A1 PORCELAIN ENAMEL MARKERBOARD

104413.A1 FIRE EXTINGUISHER CABINET, SEMI-RECESSED

DIVISION 11 - EQUIPMENT

115213.A2 PROJECTION SCREEN, ELECTRIC, SIZE AS NOTED

114000.E1 REFRIGERATOR (REACH-IN)

116600.A1 GYMNASIUM WALL PADS (2'X6')

DIVISION 12 - FURNISHINGS

126600.A1 TELESCOPING BLEACHERS, WALL ATTACHED, FORWARD FOLD

DIVISION 23 - MECHANICAL

230100.B1 AIR DUCT

Paint Colors

P-1 - PAINT COLOR 1

P-2 - PAINT COLOR 2

P-3 - PAINT COLOR 3

PAINT COLORS P-1, P-2, AND P-3 MAYBE DIFFERENT IN GYM AND CAFETERIA.

Mounting Heights

MIRRORS	+ 40" MAX. A.F.F. TO BOTTOM OF REFLECTIVE SURFACE
GRAB BARS	+ 34 1/2" A.F.F. TO CENTER
TOILET PAPER DISPENSER	+ 30" A.F.F. TO TOP OF DISPENSER
PAPER TOWEL DISPENSER	+ 48" A.F.F. MAX TO DISPENSER OPENING
SOAP DISPENSER	+ 45" A.F.F. TO TOP OF DISPENSER
MARKER BOARDS	+ 6'-8" A.F.F. TO TOP (1)
TACK BOARDS	+ 6'-8" A.F.F. TO TOP (1)
INTERIOR SIGNS	+ 5'-0" A.F.F. TO TOP, 3" FROM DOOR FRAME, LATCH SIDE OF DOOR.
FIRE EXTINGUISHER CABINETS :	4'-4" A.F.F. TO TOP. VERIFY WITH A.H.J.

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BOISE, IDAHO 83706
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LICENSED ARCHITECT
NUMBER
AR-2396
7/24/23
STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

Agency Review

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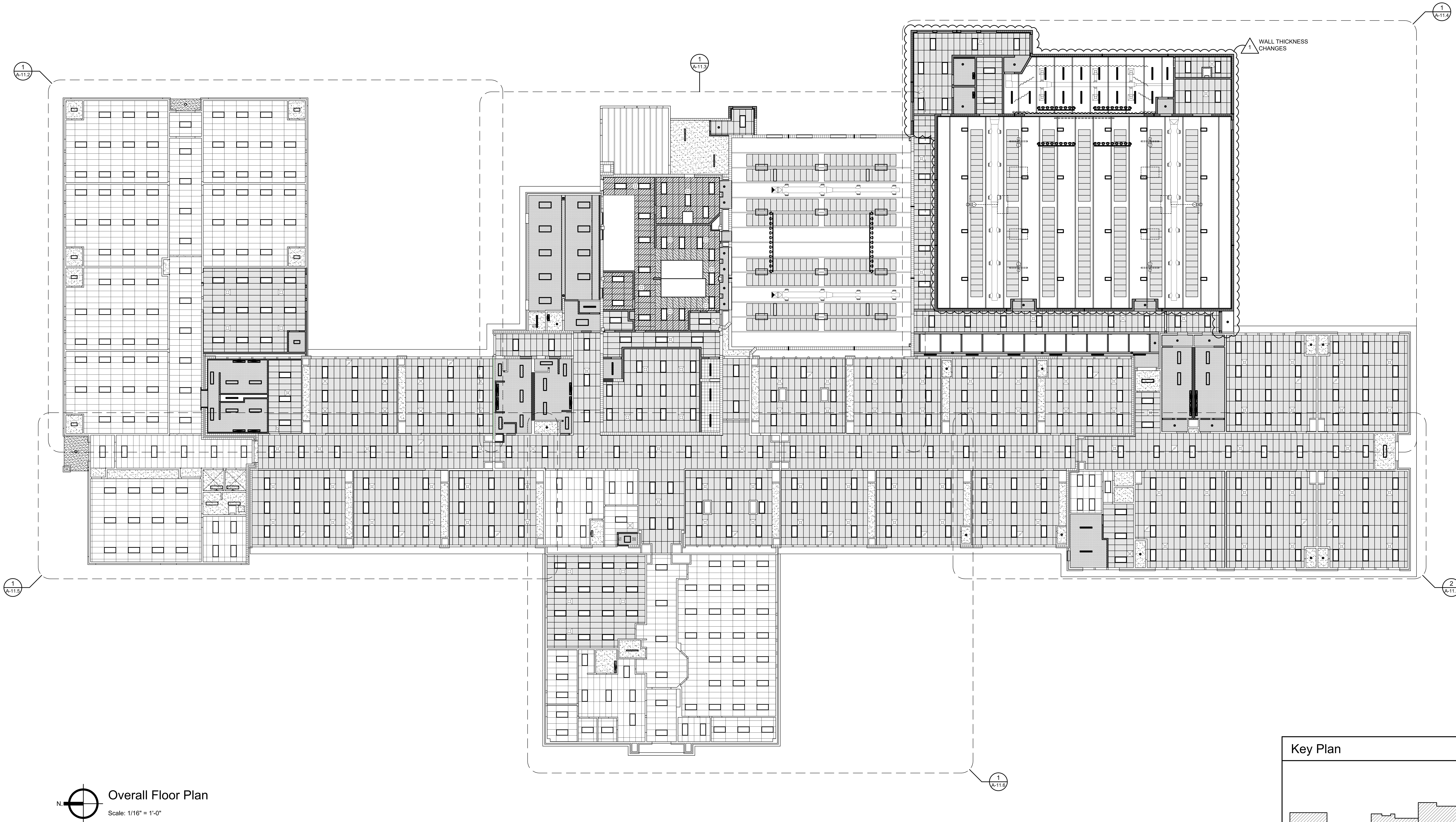
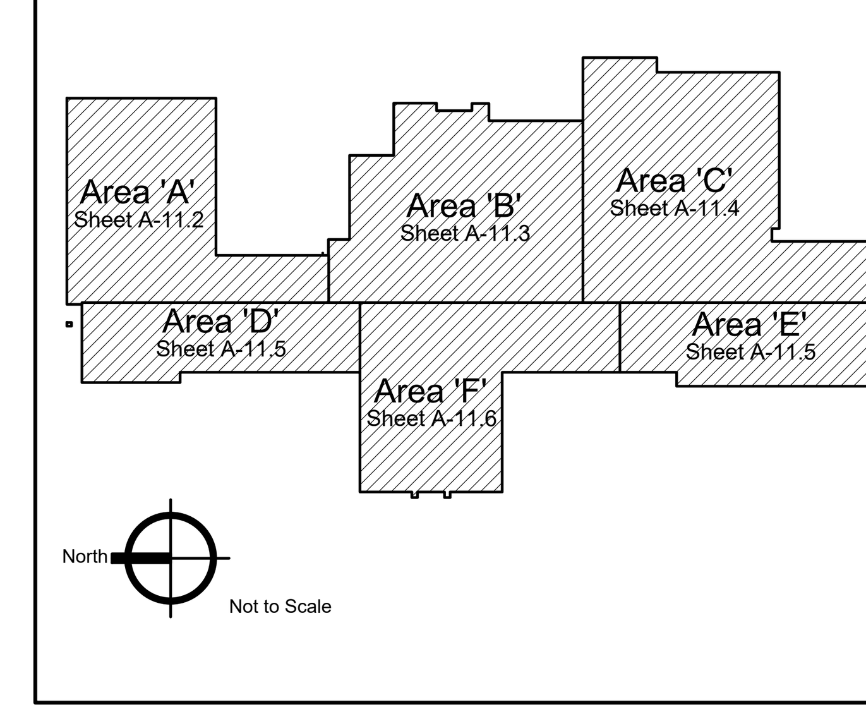
A-9.1



Overall Floor Plan

Scale: 1/16" = 1'-0"

Key Plan



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Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
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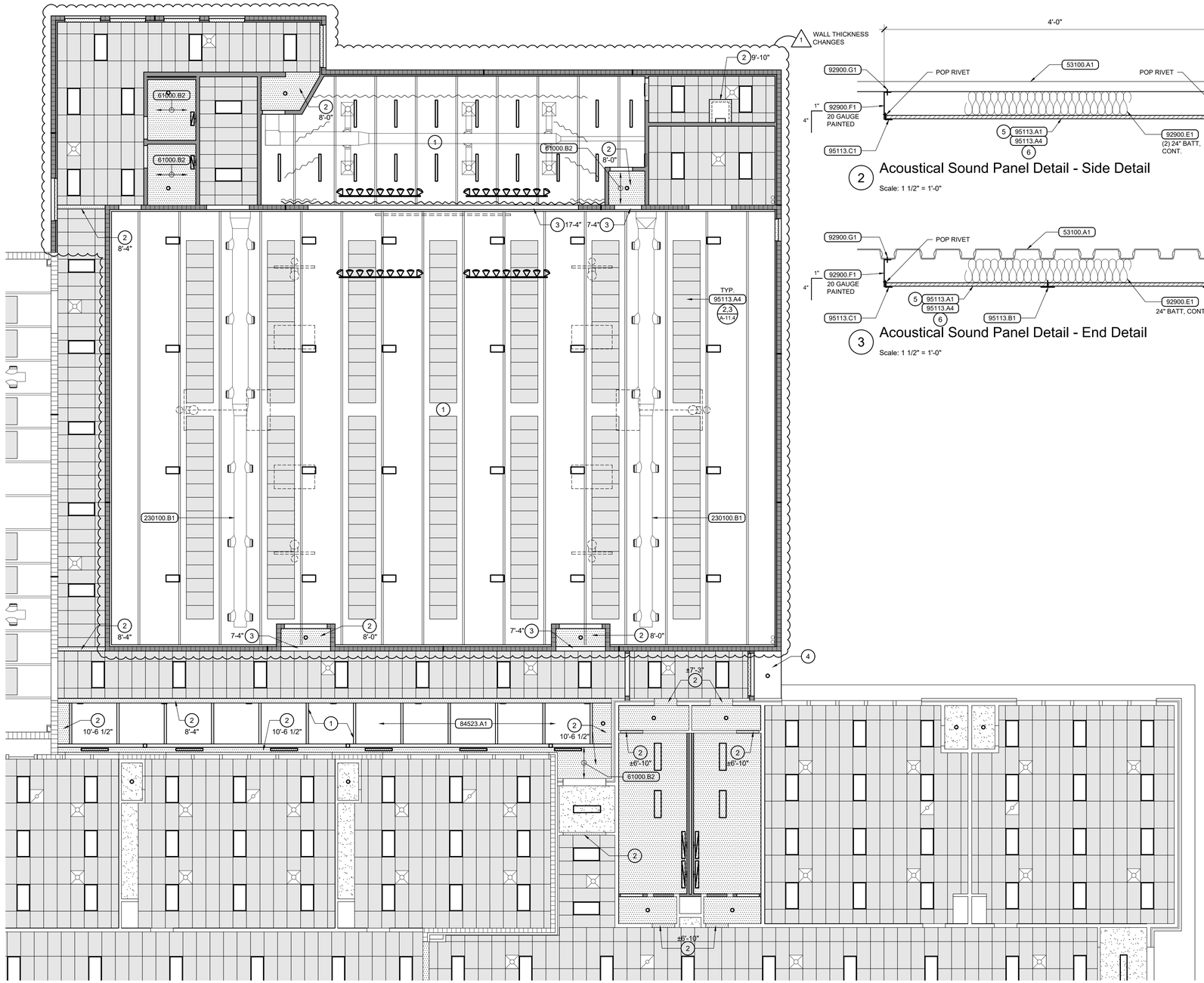


N. 1 Reflected Ceiling Plan - Area 'C'

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

2 Acoustical Sound Panel Detail - Side Detail

Scale: 1 1/2" = 1'-0"

3 Acoustical Sound Panel Detail - End Detail

Scale: 1 1/2" = 1'-0"

General Notes

1. CONSTRUCTION IS EXISTING TO REMAIN UNLESS INDICATED OTHERWISE IN CONSTRUCTION DOCUMENTS BY KEYED NOTES, REFERENCE NOTES, SCHEDULES OR DETAILS.
2. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.
3. SEE SPECIFICATIONS FOR SUSPENDED ACOUSTICAL PANEL INSTALLATION REQUIREMENTS.
4. SEE ROOM FINISH SCHEDULE, SHEET A-4.1 FOR CEILING HEIGHTS AND ADDITIONAL REQUIREMENTS.

Reference Notes

1. EXPOSED STRUCTURE. PAINT JOISTS, DECK, DUCTWORK, PIPING ETC.
2. PAINTED GYPSUM BOARD SOFFIT / BULKHEAD AT ELEVATION NOTED.
3. PAINTED CONCRETE / CMU LINTEL AT ELEVATION NOTED.
4. STUCCO SOFFIT AT ELEVATION NOTED.
5. STANDARD PANELS AT CAFETERIA.
6. IMPACT RESISTANT PANELS AT GYMNASIUM.

Keyed Notes

DIVISION 6 - WOOD, PLASTICS, & COMPOSITES

61000.B2	WOOD JOIST(S) 2x6 AT 16" O.C., U.N.O.

DIVISION 8 - OPENINGS

84523.A1	TRANSLUCENT FIBERGLASS SANDWICH PANEL ASSEMBLY

DIVISION 9 - FINISHES

92900.A1	SINGLE LAYER GYPSUM BOARD, 5/8" TYPE "X" U.N.O.
92900.E1	SOUND ATTENUATION BLANKET(S) 3 1/2"
92900.F1	CONTINUOUS SHEET METAL BREAK SHAPE. SIZE AND GAUGE AS NOTED
92900.G1	FASTENER. SCREW TYPE AS REQUIRED
95113.A1	SUSPENDED ACOUSTICAL PANEL CEILING, STANDARD PANELS
95113.A2	SUSPENDED ACOUSTICAL PANEL CEILING, WASHABLE VINYL FACED PANELS
95113.A4	SUSPENDED ACOUSTICAL PANEL CEILING, IMPACT RESISTANT PANELS
95113.A5	SUSPENDED ACOUSTICAL PANEL CEILING, METAL PAN PANELS W/ CLIPS
95113.B1	SUSPENSION SYSTEM, INTERMEDIATE DUTY

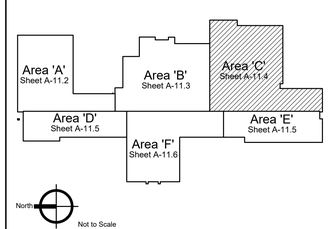
DIVISION 23 - MECHANICAL

230100.B1	AIR DUCT

Legend

- EXISTING SUSPENDED ACOUSTICAL PANEL CEILING TO REMAIN (NOT SHADED)
- 95113.A1 / 95113.B1 U.N.O. — NEW SUSPENDED ACOUSTICAL PANEL CEILING (SHADED)
- 95113.A2 / 95113.B1 U.N.O. — NEW SUSPENDED ACOUSTICAL PANEL CEILING, WASHABLE
- 95113.A5 / 95113.B1 U.N.O. — NEW SUSPENDED ACOUSTICAL PANEL CEILING, NON-COMBUSTIBLE
- 95113.A1 / 95113.A4 (AS NOTED) — NEW DIRECT-ATTACHED ACOUSTICAL PANELS
- EXISTING GYPSUM BOARD / PLASTER CEILING / SOFFIT TO REMAIN
- 92900.A1 — NEW GYPSUM BOARD CEILING / SOFFIT.

Key Plan



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LICENSED ARCHITECT — NUMBER AR-2356 — 7/24/23 — STATE OF IDAHO

Jefferson Elementary School Addition and Remodel

600 N. Fillmore Street, Jerome, Idaho

DATE: February 24, 2023
LKV PROJECT #: -
REVISIONS:
1 7/28/23

DRAWN BY: MS
CHECKED BY: WT

Agency Review

DRAWING NO.

A-11.4

STRUCTURAL COVER SHEET
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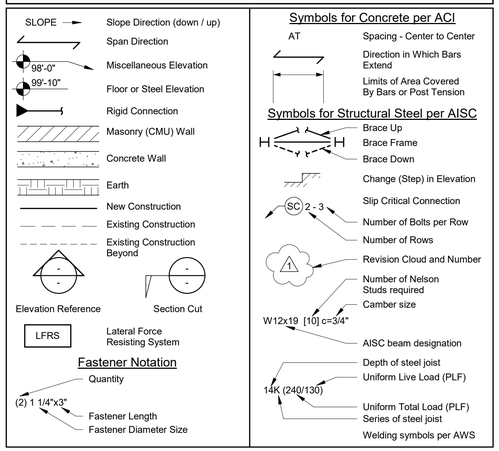
ABBREVIATIONS

AB.	Anchor Bolt	LW.	Light Weight
ACI	American Concrete Institute		
ACT.	Acoustic Ceiling Tile	MFR.	Manufacturer
ADD.	Addition	M.	Bending Moment
ADD'L.	Additional	MATL.	Material
AFF.	Above Finish Floor	MAX.	Maximum
AGGR.	Aggregate	MB.	Machine Bolt
AIA	American Institute of Architects	MECH.	Mechanical
AISC	American Institute of Steel Construction	MED.	Medium
AISI	American Iron and Steel Institute	MEZZ.	Mezzanine
ALT.	Alternate	MIN.	Minimum
AL.	Aluminum	MISC.	Miscellaneous
ANSI	American National Standards Institute	MIX.	Mixture
APA	American Plywood Association	MK.	Mark
APPROX.	Approximate	ML	MicroLam
ARCH.	Architect or Architectural	MULT.	Multiple
ASTM	American Society for Testing and Materials		
AVG.	Average	N	North
AWS	American Welding Society	NF.	Near Face
		NO, or #	Number
BOTT.	Bottom	NOM.	Nominal
BD.	Board	NTS.	Not to Scale
BLDG.	Building	NS.	Near Side
BLKG.	Blocking		
BOD. or BO DECK	Bottom of Deck	OC.	On Center
BPL.	Base Plate	OD.	Outside Diameter
BRG.	Bearing	OPP.	Opposite
		ORIG.	Original
C.	Channel	OSB	Oriented Strand Board
CG.	Center of Gravity	OVS.	Oversized
CF.	Cubic Foot	OWSJ	Open Web Steel Joist
COORD.	Coordinate		
CFS	Cold Formed Steel	PAF.	Powder Actuated Fastener
CJ.	Control Joint	PAR.	Parallel
CJP.	Complete Joint Penetration	PCF.	Pounds Per Cubic Foot
CL.	Center Line	PEMB	Pre-Manufactured Building
CLR.	Clear	PEN.	Penetration
COL.	Column	PERM.	Permanent
CONC.	Concrete	PERP.	Perpendicular
CONN.	Connection	PL.	Plate
CONST.	Construction	PP.	Partial Pen.
CONT.	Continuous	PROJ.	Project
CMU	Concrete Masonry Units	PSF.	Pounds Per Square Foot
CY.	Cubic Yard	PSI.	Pounds Per Square Inch
		P-T	Post Tension, Post Tensioned
DIAG.	Diagonal	P.T.	Pressure Treated
DIA.	Diameter		
DIM.	Dimensions	QTR.	Quarter
DF-L	Douglas Fir-Larch		
DWG.	Drawing	RAD. or R.	Radius
		REC.	Recommendation(s)
E.	East	REF.	Reference
EA.	Each	REINF.	Reinforce, Reinforced,
EB.	Expansion Bolt		Reinforcement or Reinforcing
EJ.	Expansion Joint	Required	
ELEC.	Electric or Electrical	REV.	Revise or Revision
EL. or ELEV.	Elevation or Elevator	RM.	Room
ENG.	Engineer	RO.	Rough Opening
EOD. or EO DECK	Edge of Deck		
EOR	Engineer of Record	S	South
EN.	Edge Nail (Nailing)	SCHED.	Schedule
EQ.	Equal	SF.	Strut Force
EQUIP.	Equipment	SHTG.	Sheathing
EST.	Estimate	SIM.	Similar
EXIST. / (E)	Existing	SK.	Sketch
EXT.	Exterior	SPECS.	Specifications
		SQ.	Square
FAB.	Fabrication	SS.	Stainless Steel
FD.	Floor Drain	SSLT.	Short Slotted Holes Transverse
FF.	Far Face		to Direction of Load
FIN.	Finish	STD.	Standard
FLR.	Floor	STIR.	Stirrup
FND.	Foundation	STRUCT.	Structural
FS.	Far Side	SYM.	Symmetrical
FT. or '	Feet or Foot		
FTG.	Footing	T&G	Tongue and Groove
		T AND B	Top and Bottom
GALV.	Galvanize	TAN.	Tangent
GC.	General Contractor	THK.	Thick
GEN.	General (Notes)	THRU	Through
GLB.	Glu Lam Beam	TJI.	Trus Joist I-Joist
GR. or GRD.	Grade	TO.	Top Of
GRND.	Ground	TOC or TO CONC.	Top of Concrete
		TOF or TO FTG.	Top of Footing
HD.	Hold-down	TOL.	Tolerance
HORIZ.	Horizontal	TOM or TO MASONRY	Top of Masonry
		TOS or TO STL.	Top of Steel
ID.	Inside Diameter	TOW or TO WALL	Top of Wall
IF.	Inside Face	TRANSV.	Transverse
IN. or "	Inches	TYP.	Typical
INCL.	Include or Included		
		UNO.	Unless Noted Otherwise
JNT.	Joint		
		VERT.	Vertical
K.	Kip (1,000 lbs.)	V.I.F.	Verify in the Field
KO.	Knockout	VOL.	Volume
LESK	LOCHSA ENGINEERING SKETCH	W	West
LAM.	Laminated	W	Wide Flange
lb.	Pound	WP.	Work Point
L	Angle	WT.	Weight
L.H.E.	Low Hydrogen Electrode		
LLBB.	Long Leg Back To Back	X-HVY	Extra Heavy
LLH	Long Leg Horizontal	X-S	Extra Strong
LLV	Long Leg Vertical		
LOC.	Locations	YD.	Yard
LONG.	Longitudinal		
LVL	Laminated Veneer Lumber	2L	Double Angle

SYMBOL LEGEND



GENERAL

1. The Contractor shall verify all dimensions prior to starting construction. The Architect shall be notified of any discrepancies or inconsistencies.
2. Summary of Work: Project consists of new construction as shown on these Contract Documents used in coordination with the Architectural and other discipline's documents. See also note 7.
3. Warranty: The EOR has used the degree of care and skill ordinarily exercised under similar circumstances by members of the profession in this locale and no other warranty, either expressed or implied, is made in connection with rendering professional services.
4. Structure noted in the drawings as existing or by others, shall be field verified by the contractor and any discrepancies noted shall be reported to the Architect/Structural Engineer.
5. Construction documents include but are not limited to: drawings, plan notes, typical details, general notes, custom details, specifications, etc. In addition to those prepared by other disciplines.
6. Do not scale the drawings for dimensions not shown.
7. Notes and details on the drawings shall take precedence over general notes, typical details, and the project specifications. Where discrepancies between specifications and drawings occur, use the more stringent requirement.
8. Typical details and schedules indicated may not be specifically referenced on the drawings. The contractor is responsible to determine where each typical detail or schedule applies. If locations are found where no typical detail, typical schedule, or specific detail applies, notify the Architect/Structural Engineer. - Drawings indicate general and typical details of construction. Typical details and general notes shall apply even if not specifically denoted on plans, uno. Where conditions are not specifically indicated similar details of construction shall be used, subject to review and approval by the Architect and the Structural Engineer of Record.
9. The contract Structural drawings and specifications represent the finished structure. They do not indicate the method of construction. Contractor to provide construction means, methods, techniques, sequences and procedures as required. Contractor to provide adequate excavation procedures, shoring, bracing and erection procedures complying with national, state and local safety ordinances. The Contractor shall provide all measures necessary to protect the structure during construction. Such measures shall include, but not be limited to: bracing and shoring for loads due to hydrostatic, earth, wind or seismic forces, construction equipment, temporary loading, etc.
10. Observation visits (site visits) by representatives of Architect/Structural Engineer do not include inspection of construction means and methods. Site visits during construction are not continuous nor detailed inspection services which are to be performed by others. Observations are performed solely for the purpose of determining if the Contractor understands design intent shown in the contract drawings. Observations do not guarantee Contractor's performance and are not to be construed as supervision or verification of construction.
11. Notify the Structural Engineer prior to constructing or fabricating, when drawings by others show openings, pockets, etc., not shown on the structural drawings, but which are located in the structural members.
12. Products that require a report on code compliance shall have an ICC-ES or IAPMO report evaluated for the above listed governing building code. Where required by the governing jurisdiction, a submittal as an alternate material and method is required for all reports evaluated to an earlier edition of the IBC. Reports evaluated to codes other than the above listed code are not permitted, unless allowed by the governing jurisdiction.
13. Contractor shall investigate the site during clearing and earth work operations for filled excavations or buried structures such as cesspools, cisterns, foundations, utilities, etc. If any such structures are found, the Structural Engineer shall be notified immediately.
14. Construction materials shall be spread out when placed on framed floors or roofs. The construction material load shall not exceed the design live load per square foot. Provide adequate shoring and/or bracing where structure has not attained design strength.
15. See the architectural drawings for the following: Size and location of door and window openings, size and location of interior and exterior non-bearing partitions, size and location of concrete curbs, floor drains, slopes, depressed areas, changes in level, chamfers, grooves, inserts, size and location of floor and roof openings, floor and roof finishes, stair framing and details, dimensions not shown on the structural drawings, ceiling assemblies, exterior wall assemblies,etc.
16. See mechanical, plumbing, and electrical drawings for the following: Pipes, sleeves, hangers, trenches, wall, floor, and/or roof openings, duct penetration, electrical conduit runs, boxes, outlets in walls and slabs, concrete inserts for electrical, mechanical or plumbing fixtures, size and location of machine or equipment bases, anchor bolts for mounts, etc., except as shown or noted. See also note 13.
17. For mechanical and electrical equipment anchorage that is to be designed by others, see IBC section 1613 and ASCE 7 chapter 13. Use isolators, fasteners and bracing approved by ICC-ES or approved third party capable of transmitting code required lateral loads. Secure suspended equipment with lateral bracing.
18. For piping and ductwork bracing to be designed by others, see the latest edition of "Guidelines for Seismic Restraints of Mechanical Systems" by the Sheet Metal and Air Conditioning Contractors National Association.

SHOP DRAWINGS

1. Shop drawings and material submittals shall be submitted to the Architect and Structural Engineer of Record prior to any fabrication or construction. Electronic submittals shall be made where possible. Any submittals containing hard copies shall include one reproducible and one copy; reproducible will be marked and returned. Additional copies of reviewed shop drawings are the responsibility of the general contractor. No modifications or substitution of drawings and specifications will be accepted via shop drawing review. Contractor shall review and stamp shop drawings prior to submission to the Architect/Structural Engineer. Contractor shall review for completeness and compliance with contract documents including addendum's, clarifications, etc. See also note 7.
2. Submit shop drawings to the Architect/Structural Engineer as indicated or specified for review prior to fabrication. Review will be for general conformance with design intent conveyed in contract documents.
3. When an engineer is required to sign and stamp shop drawings and calculations, ensure seal indicates engineer as registered in state where project site occurs.
4. Shop drawings are not a part of contract documents, therefore, Architect's/Structural Engineer's review does not constitute an authorization to deviate from terms and conditions of the contract. See also note 7.
5. Review of submittals by the structural engineer will include checking for conformance with the design concept and general compliance with the information given in the construction documents. It will not include reviews of the accuracy or completeness of items such as quantities, dimensions, weights or thicknesses, fabrication processes, construction means or methods, coordination with the work of other trades, or construction safety precautions. Review of a specific item shall not indicate that the structural engineer has reviewed the entire assembly of which the item is a component. The structural engineer shall not be responsible for any deviations from the construction documents not brought to the structural engineer's attention in writing.
6. Submittals processed by the structural engineer are not change orders
7. Shop drawings will be rejected for incompleteness, lack of coordination with other portions of contract documents, lack of calculation (if required), or where modifications or substitutions are indicated without prior review per paragraph A above. Resubmittals shall be clouded and dated for all changes to the submittal. Only clouded portions of resubmittal will be reviewed and Structural Engineer of Record's review stamp applies to only these areas.
8. Submit shop drawings and calculations to governing code authority when specifically indicated or requested.
9. Maintain a copy of all shop drawings reviewed by the Architect/Structural Engineer at site during construction period.
10. Structural Engineer requires 10 working days after receipt of shop drawings and calculations for processing.
11. As a minimum shop drawing submittals shall include the following items plus, additional items listed in the project specifications for structural review, but not be limited to:
    - A. Construction sequence description
    - B. Contractor Quality Control testing procedures when required in specifications
    - C. Concrete mix designs
    - D. Concrete construction joint plans
    - E. Concrete reinforcing bar shop drawings and placing plans
    - F. Concrete accessories material specification, size and location
    - G. Precast concrete members shown on structural documents
    - H. Non-shrink grout material specifications and manufacturer's installation recommendations
    - I. Masonry materials and mix designs
    - J. Masonry reinforcing bar shop drawings and placing plans.
    - K. Masonry veneer out-of-plane anchorage system
    - L. Fabrication shop AISC Certification or statement of equivalent testing and inspection procedures.
    - M. Structural steel shop and erection drawings
    - N. Welding Procedure Specifications and certifications
    - O. Metal deck material submittal
    - P. Metal deck and accessories layout
    - Q. Open web steel joist layout, accessories, and calculations
    - R. Engineered wood beams (certificates shall be on site and be available upon request)

Sheet List 1 2

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07/28/23
STATE OF IDAHO
RILEY J MAHAFFEY
EXP. 05/31/2024

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LE JOB #224217

Jefferson Elementary School Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

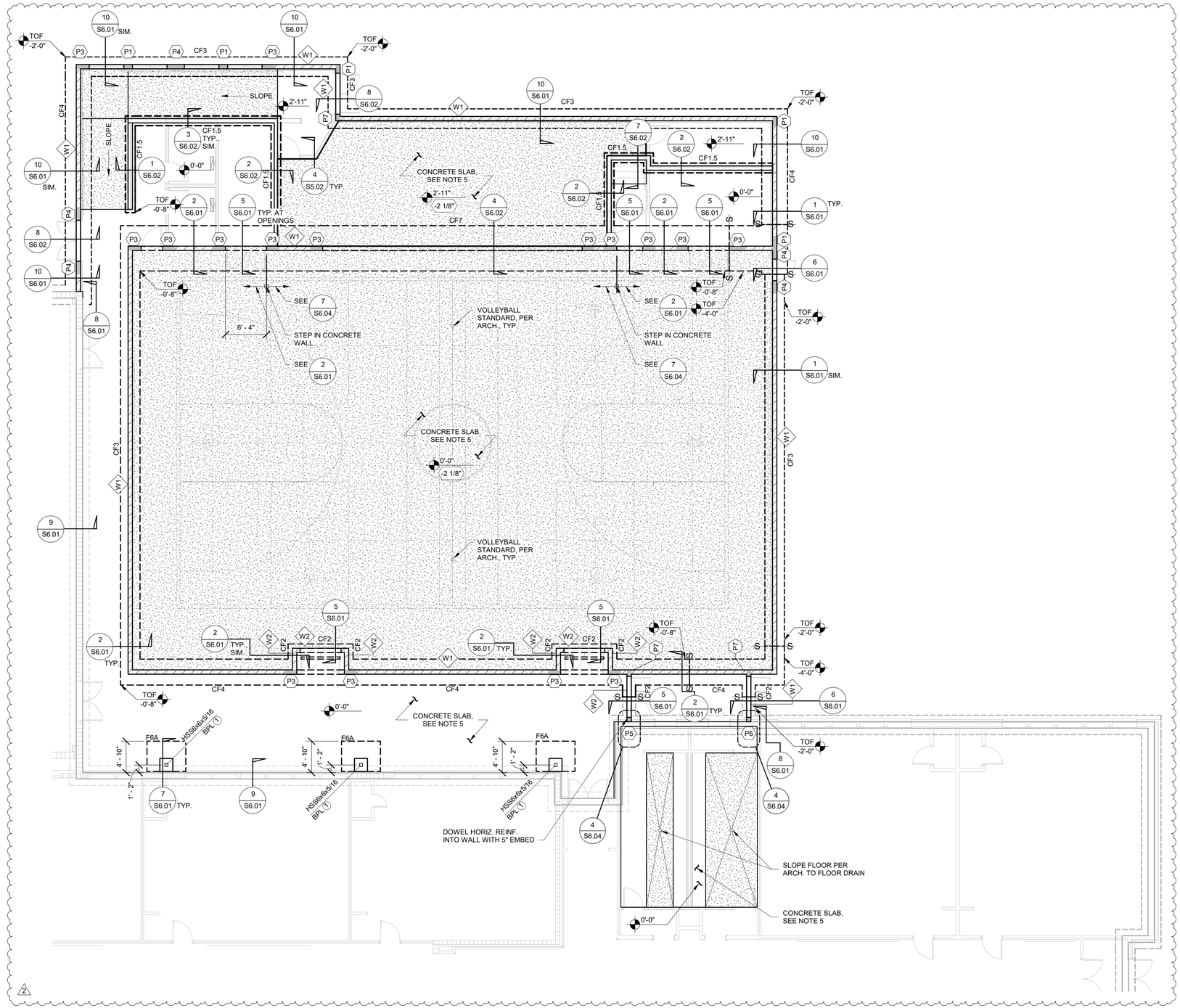
DATE: July 28, 2023
LKV PROJECT #: -
REVISIONS:
1 05/16/23 Addendum #2
2 07/28/23 V.E.

DRAWN BY: GT/AC/WC
CHECKED BY: CH/BAF

Agency Review

DRAWING NO.

S0.01
STRUCTURAL COVER SHEET



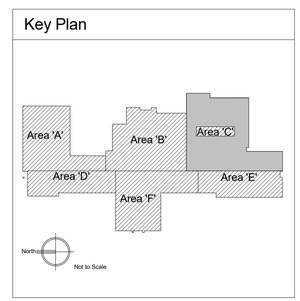
1 AREA C FOUNDATION PLAN

1/8" = 1'-0"

FOUNDATION PLAN NOTES

1. For structural design notes, see sheets starting at S0.01.
2. Architectural backgrounds are shown for reference only. The dimensions shown apply to structural elements only. For dimensions not shown, see architect of record submittal.
3. Contractor shall field verify existing structural conditions. If any discrepancies are found, contractor shall contact the Architect and Structural Engineer before performing alteration work.
4. Top of concrete floor reference elevation = 0'-0" typical uno thus. X' - X"
5. Slab on grade shall be 4" thick concrete with 4x4 W2.9xW2.9 welded wire fabric, placed 2" clear from top of concrete. See architectural drawings for slab depressions, slopes, etc.
6. Top of exterior footing shall be elevation -2'-0" max. and top of interior footing shall be -0'-8" max., typ. uno. thus TOF X' - X"
7. Contractor to coordinate slab on grade control joints with 1 / S5.03 .
8. See Geo-Tech report for underslab and footing requirements.
9. For general concrete/foundation details, see sheets S5.01 thru S5.03.
10. F# and CF# — Denotes footing type, see 6 / S4.01 .
11. Contractor to coordinate placement of utilities thru or adjacent to the footings or stem walls with detail 1 / S5.02 or the footings may be stepped per 2 / S5.02 at contractors option, typ.
12. S——S — Indicates step(s) in footing, see 2 / S5.02 .
13. BPL (#) — Denotes base plate type, see 1 / S4.01 .
14. HD# — Denotes wood hold-down, see 3 / S4.02 for wood hold-down schedule.
15. -2 1/8" — Denotes recess, sloped or elevated floor elevations, coordinate size and location with arch.
16. W# — Denotes masonry wall type, see 4 / S4.02 for wall schedule.
17. CJ — Denotes masonry control joint location, see 3 / S5.11 for construction. Coordinate with architectural for locations.
18. 0' - 7" # — Denotes wood shear wall, see 7 / S4.01.
    For construction Information, see 10 / S5.41.
    All wood shear walls are to be considered LFRS.
    Contractor to field coordinate actual wall lengths and hold-down locations with architectural drawings.
19. For all structural walls and shear walls not shown on this plan, see the framing plan at the floor or roof above.
20. P# — Denotes pillaster, see 1 / S4.02 .
21. Floor shall be 3" hard rock concrete over the flutes of 2"x20 ga. galv. Verco W2 Formlok deck or equal. Total thickness = 5". Reinforce concrete with W2.0xW2.0-6X6 WWF placed 1" clear from top of concrete. Deck shall span continuous over 3 or more spans (4 supports). Shore single spans where they exceed 8'-0". Weld deck as follows: using 1/2" dia. net effective puddle welds.
    A. perpendicular bearing: 7 welds per sheet per support.
    B. parallel edges: at 12" oc.
    C. side seams: button punch at 12" oc.

Key Plan



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1 07/28/23 V.E.

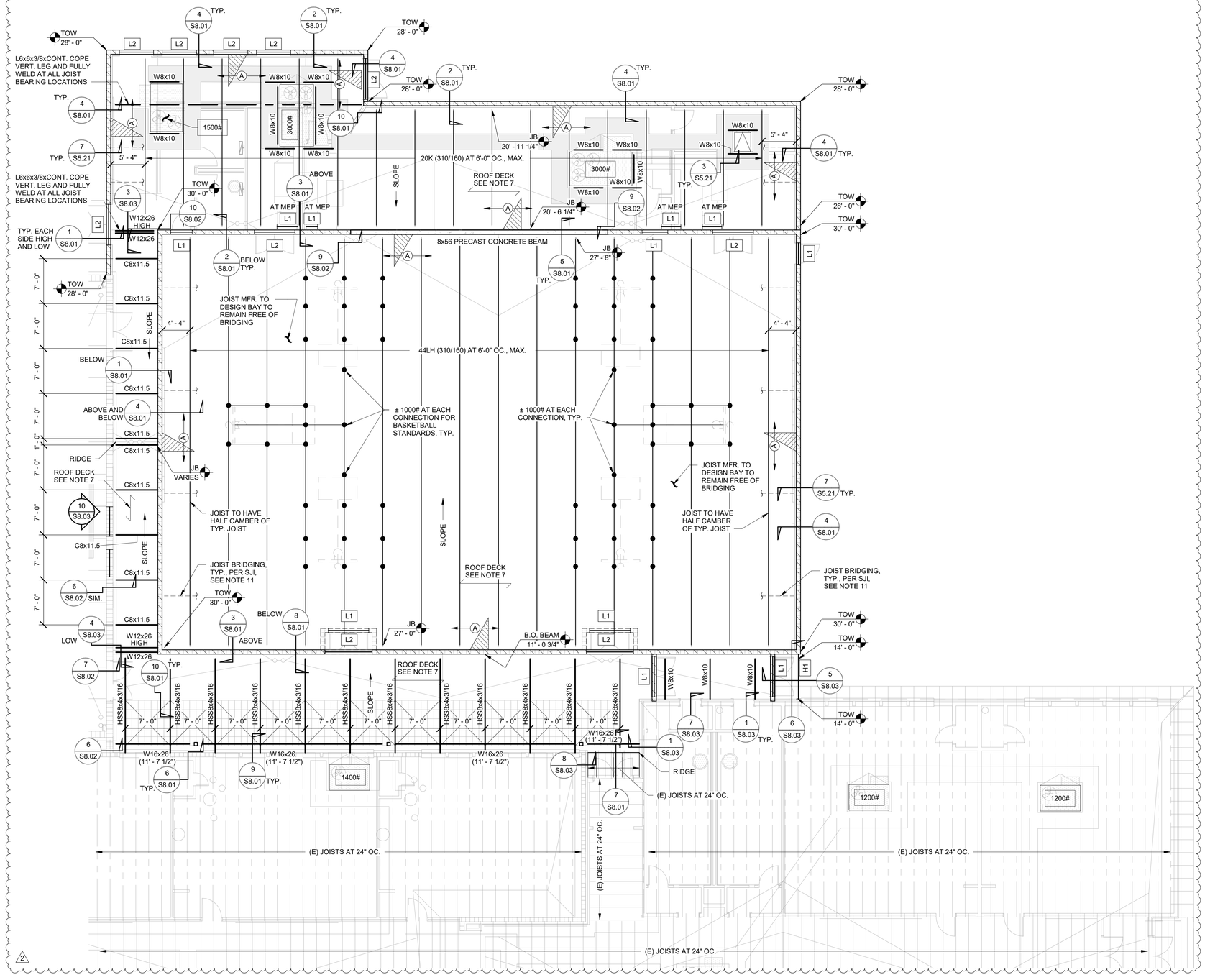
DRAWN BY: GT/AC/WC
CHECKED BY: CH/BAF

Agency Review

DRAWING NO.

S1.13

AREA C FOUNDATION PLAN

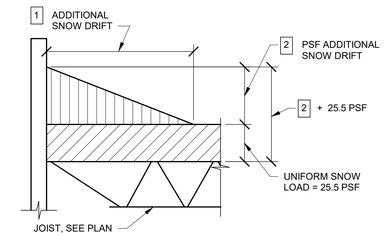


1 AREA C ROOF FRAMING PLAN

1/8" = 1'-0"

ROOF FRAMING PLAN NOTES

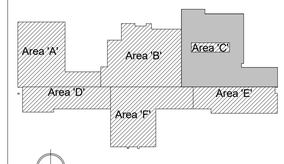
1. For structural design notes, see sheets starting at S0.01.
2. Architectural backgrounds are shown for reference only. The dimensions shown apply to structural elements only. For dimensions not shown, see architect of record submittal.
3. Field verify existing structural conditions. If any discrepancies are found, contractor shall contact the Architect and Structural Engineer before performing alteration work.
4. For general framing details, see sheets S5.11 thru S5.41.
5. 000# — Roof supported mechanical unit with operating weight. Provide 2x6 blocking under unit between truss. Coordinate exact location, size and number of deck penetrations with mechanical. For additional information, see 7 / S5.41 . At metal roof structure, see 3 / S5.21 for supplemental framing. At all replaced RTUS: If the weight of the new RTU exceeds the weight of the existing RTU, the EOR shall be notified. Strengthening of the existing structure may be required.
6. Field coordinate roof openings and support framing locations. For typical deck reinforcing at deck penetrations, see 7 / S5.41.
7. Roof shall be 1 1/2"x20 ga. Verco B DECK deck or equal. Deck shall span continuous over two or more spans ((3) supports). See Architectural drawings for insulation, roofing etc. Weld deck as follows: using 1/2" net effective puddle welds.
   - A. perpendicular bearings: 7 welds per sheet per support.
   - B. parallel edges: at 12" oc.
   - C. side seams: button punch at 12" oc.
8. For beam to beam or beam to column connection, see 1 / S5.21.
9. BOD X' - X" — Denotes bottom of deck elevation. Work point is a projection up from grid or the center of framing/wall below.
10. L# — Denotes masonry lintel, see schedule on 2 / S4.02.
11. Joist bridging to be designed by joist manufacturer per SJI. For additional information, see 7 / S5.21 .
12. H# — Denotes header, see schedule on 5 / S4.01 .
13. For open web steel joist In addition to all loads indicated on plans, the joist manufacturer shall design all floor and roof joists for a 500 pound concentrated dead load at any location along the length of top chord, and a 250 pound concentrated dead load at any location along the length of bottom chord. The added load indicated above do not need to act simultaneously.
14. Joist manufacturer to apply 1/2" natural camber on first joist from wall.
15. Roof Deck
    19/32" APA T&G sheathing 40/20
    Nailing patterns:
    10d at 6" oc., all panel edges.
    10d at 12" oc., at intermediate supports stagger panel joints.
    For more information see 5 / S5.41.
16. Denotes deck direction.
17. A — Denotes snow drift area to be included in joist design by manufacturer. Loads are as indicated on the snow drift schedule below.
18. JB X' - X" — Denotes joist or beam bearing elevation.



SNOW DRIFT SCHEDULE

MARK	1 LENGTH	2 DRIFT
A	12'-0"	53.5 psf
B	13'-0"	28.5 psf

Key Plan



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REVISIONS:
1 07/28/23 V.E.
2

DRAWN BY: GT/AC/WC
CHECKED BY: CH/BAF

Agency Review

DRAWING NO.

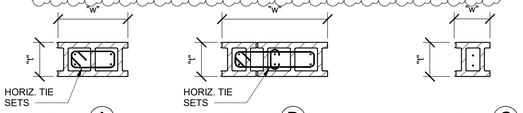
S1.23

AREA C ROOF FRAMING PLAN

MASONRY PILASTER SCHEDULE

MARK	"t"	"w"	REINFORCING VERTICAL	REINFORCING HORIZONTAL	STRENGTH F'm/F'c (psi)	TYPE
P1	8"	1' - 4"	(2) #5 EACH CELL ONE EACH FACE	#3 AT 8" OC.	2000	A
P2	8"	1' - 4"	NOT USED			A
P3	8"	2' - 8"	(2) #5 EACH CELL ONE EACH FACE	#3 AT 8" OC.	2000	B
P4	8"	2' - 0"	(2) #5 EACH CELL ONE EACH FACE	#3 AT 8" OC.	2000	B
P5	8"	0' - 8"	(2) #5 EACH CELL ONE EACH FACE	-	2000	C
P6	8"	0' - 8"	(2) #5 EACH CELL ONE EACH FACE	-	2000	C
P7	8"	1' - 0"	(2) #5 EACH CELL ONE EACH FACE	#3 AT 8" OC.	2000	A

NOTES:
1. See details on S5.11 for reinforcing placement.
2. All rebar centered in each cell, uno.
3. Pilasters shown on 2nd floor are to be cont. to foundation uno.
4. Pilasters are to be continuous to top of masonry, uno.

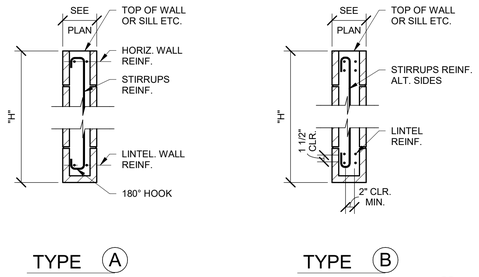


MASONRY PILASTER SCHEDULE AND SECTIONS 1
NO SCALE

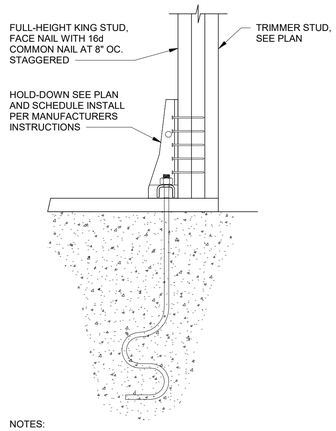
LINTEL SCHEDULE

MARK	OPENING WIDTH	HEIGHT "H"	REINFORCING BOTTOM BARS	REINFORCING TOP BARS	STIRRUPS	F'm =	TYPE	NOTES
L1	SEE PLAN	24" MIN.	(2) #5	(2) #5	#3 AT 8" OC.	2000	A	-
L2	SEE PLAN	40" MIN.	(2) #5	(2) #5	#3 AT 8" OC.	2000	A	-

NOTES:
1. Typical lintel jamb construction, see 4 / S5.11.
2. #5 each face horizontal bars at 16" oc.



LINTEL SCHEDULE AND SECTIONS 2
NO SCALE



NOTES:
1. Enlarge footing to provide 3" clear at bolt as required.
2. Embed length is below curb or slab step where occurs.

HOLD-DOWN SCHEDULE

HOLD-DOWN	EMBED. AT FOUNDATION AND / OR ANCHOR BOLT	CONNECTION TO KING STUD	MIN. KING STUD WIDTH
HDU2	SSTB16 WITH 13" EMBED	(6) 1/4" x 2 1/2" SDS SCREWS	3"

NOTES:
1. Hold-down shall be Simpson or equal with ICC approval. All substitutes shall be reviewed by the engineer of record before installation.
2. Fixed-length straps shall be installed with and equal number of fasteners in each member.

TYPICAL WOOD HOLD-DOWN DETAILS 3
NO SCALE

MASONRY WALL SCHEDULE

MARK	WALL THICKNESS	REINFORCING VERTICAL	REINFORCING HORIZONTAL	STRENGTH F'm (psi)	REMARKS
W1	8"	STAGGER EACH FACE, SEE 5 / S5.11	#5 AT 48" OC. EACH FACE	2000	GROUT SOLID
W2	8"	#5 VERT. AT 48" OC.	#5 AT 48" OC. EACH FACE	2000	GROUT SOLID

NOTES:
1. W1 Typical reinforcing for all 8" masonry walls uno.
2. All wall reinforcing callout on foundation plan are continuous to top of wall uno.
3. All rebar centered in each cell, unless noted otherwise.
4. All walls to have (2) #5 in bond beams at 48" oc. uno. Also provide double bond beams at floors, roofs, and #5 at top of walls.
5. Provide additional reinforcing at wall openings, ends, corners and intersections per detail sheet S5.11 special inspection is required. See sheet S5.11 for masonry typ. details. Solid grout all cells. All masonry bearing walls are to be considered LFRS.

MASONRY WALL SCHEDULE 4
NO SCALE

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Jefferson Elementary School
Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: July 28, 2023
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CHECKED BY: CH/BAF

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DRAWING NO.
S4.02
SCHEDULES – MASONRY PILASTER/LINTEL

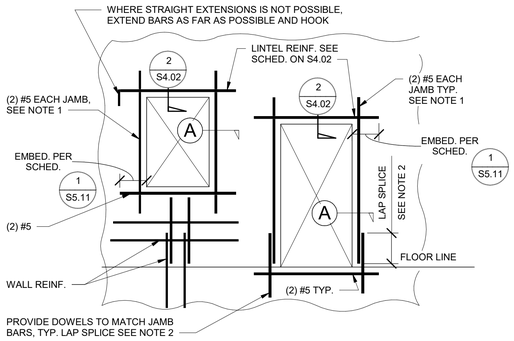
TENSION DEVELOPMENT AND LAP SPLICE LENGTH (FOR MASONRY ONLY)

CMU Thickness	BAR SIZE \ Placement of Bar	Masonry Design Strength f'm = 2000 psi Center	Edge
8"	#3	13.1	13.1
	#4	17.4	20.5
	#5	21.8	33.0
	#6	37.1	64 (2)
12"	#3	13.1	13.1
	#4	17.4	20.5
	#5	21.8	33.0
	#6	34.0	54.0

NOTES:
1. All lengths are in inches.
2. For bar placement, edge distance (d Dim.) see 5 / S5.11.
3. Where (2) bars per cell occur they shall be placed per edge condition see note 2.
   A. For 8" masonry wall, (2) bars per cell up to #5 are permitted.
4. NP indicates Not Permitted.
5. #10 and #11 bars where shown on plans or details require a mechanical splice.

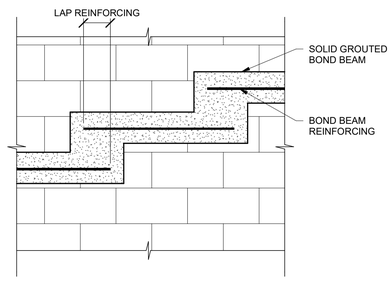
TENSION DEVELOPMENT AND LAP SPLICE LENGTH (FOR MASONRY ONLY) 1

NO SCALE



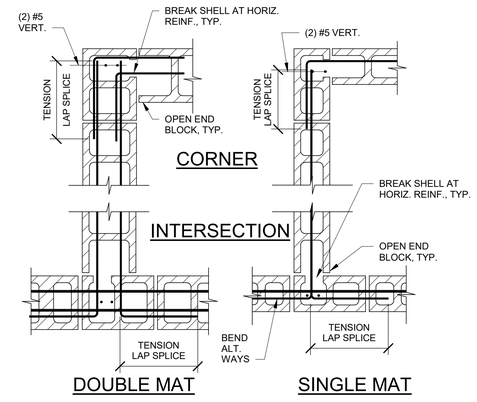
MASONRY WALL OPENINGS AND DETAILS 4

NO SCALE



STEPPED MASONRY WALL BOND BEAM 6

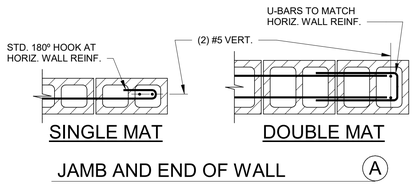
NO SCALE



NOTE:
1. Tension lap splice see schedule 1 / S5.11.

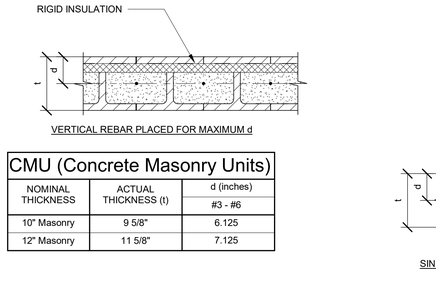
MASONRY WALL INTERSECTIONS 2

NO SCALE

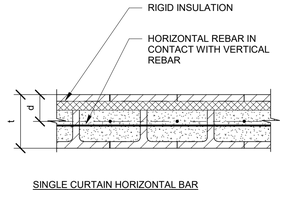


JAMB AND END OF WALL A

NOTES:
1. Extend jamb bars full height of wall when width of opening is more than 4'-0".
2. Typical tension lap splice per schedule 1 / S5.11 .



CMU (Concrete Masonry Units)		
NOMINAL THICKNESS	ACTUAL THICKNESS (t)	d (inches)
		#3 - #6
10" Masonry	9 5/8"	6.125
12" Masonry	11 5/8"	7.125

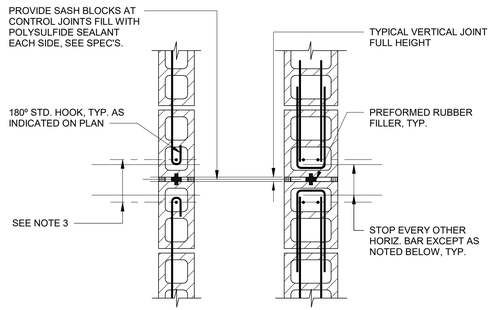


NOTE:
1. Where two vertical reinforcing bars occur in a cell, bars shall be secured in place by a bar positioned at the top and bottom, and at intervals not exceeding 200 bar diameters.

HI-R MASONRY REBAR PLACEMENT 7

NO SCALE

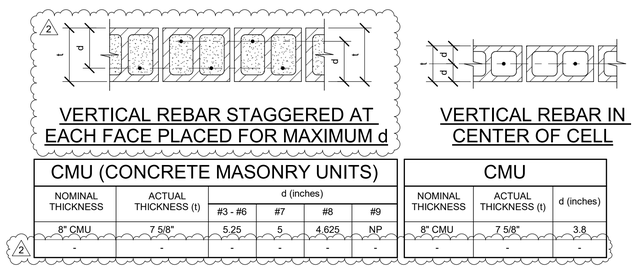
SCHED.I-68



NOTES:
1. Contractor shall obtain architect's approval of joint locations, which shall not exceed 24'-0" oc., uon on plans.
2. Horizontal reinf. at floor lines, roof lines, lintel reinf. and every other horiz. bar (or bar set) shall be continuous through joint.
3. At locations where reinforcing is continuous across control joint, wrap horizontal reinforcing with mastic for 1'-4" each side of joint. Do not lap bars within 4'-0" each side of joint.
4. Provide vertical wall reinf. each side of joint, #5 bars min.

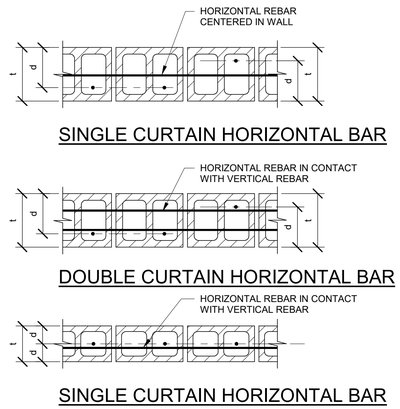
PLAN DETAIL - MASONRY WALL CONTROL JOINT 3

NO SCALE



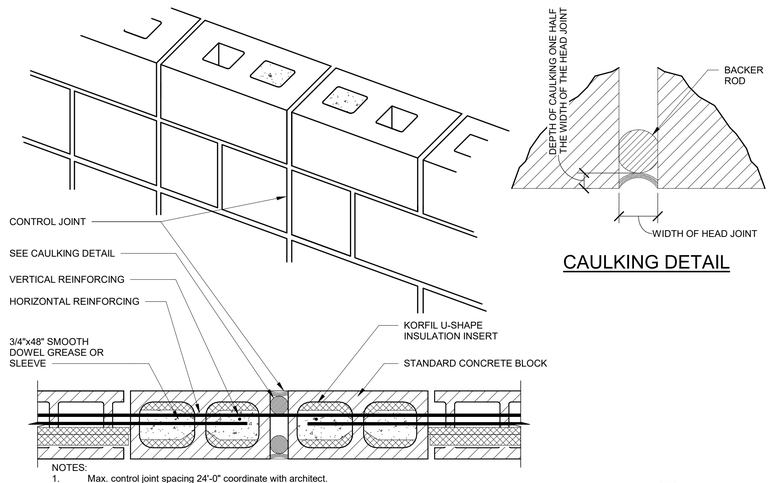
CMU (CONCRETE MASONRY UNITS)						CMU		
NOMINAL THICKNESS	ACTUAL THICKNESS (t)	d (inches)				NOMINAL THICKNESS	ACTUAL THICKNESS (t)	d (inches)
		#3 - #6	#7	#8	#9			
8" CMU	7 5/8"	5.25	5	4.625	NP	8" CMU	7 5/8"	3.8
-	-	-	-	-	-	-	-	-

NOTE:
1. Where two vertical reinforcing bars occur in a cell, bars shall be secured in place by a bar positioned at the top and bottom, and at intervals not exceeding 200 bar diameters.



PLAN DETAIL FOR REBAR PLACEMENT IN MASONRY 5

NO SCALE



NOTES:
1. Max. control joint spacing 24'-0" coordinate with architect.
2. Leave bond beam cont. at top of wall and at all intersecting floors.

CMU CONTROL JOINT AT HI-R BLOCK 8

NO SCALE

GENERAL DETAIL NOTES

1. For structural design notes, see sheets starting at S0.01.
2. Architectural backgrounds are shown for reference only. The dimensions shown apply to structural elements only. For dimensions not shown, see architect of record submittal.
3. Contractor shall field verify existing structural conditions. If any discrepancies are found, contractor shall contact the Architect and Structural Engineer before performing alteration work.
4. For all top of footing, top of slab, and slab on grade construction, see foundation plan.
5. Columns and base plates are called out on plans and coordinated in the schedule shown on S4.01.
6. Sub-grade material below slabs and footings shall be constructed as indicated by geo-tech report.
7. For structural framing sizes, bottom of deck and top of steel elevations, see plans.
8. For floor deck size, attachment, span direction,and finish floor elevations, see plans.
9. For typical bearing wall construction, see plans. Coordinate location with plans and architectural.
10. For interior and exterior wall finishes, see architectural.
11. For all typical construction details not shown on this sheet, see all "S5" series drawings.

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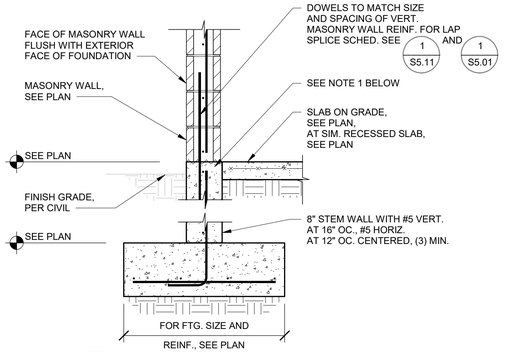
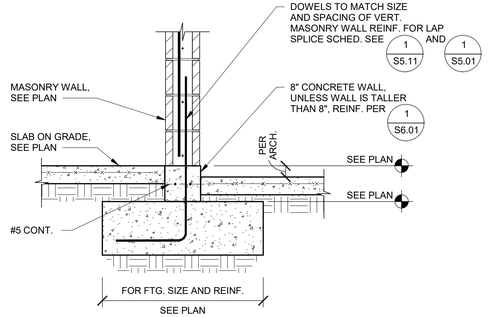
DRAWING NO.
S5.11
GENERAL MASONRY DETAILS



NOTES:
1. If it is not possible to achieve lap length indicated provide 90° standard hook with hook parallel to direction of stem wall.
2. At wall openings see 6 / S6.01 .

EXTERIOR MASONRY WALL AT FOOTING 1 / 2

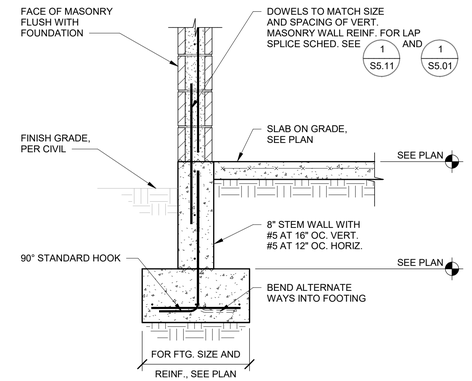
3/4" = 1'-0"



NOTES:
1. At slab openings, see 5 / S6.01 .
2. At SIM. 8" masonry wall is used, see wall type schedule on 4 / S4.02 .

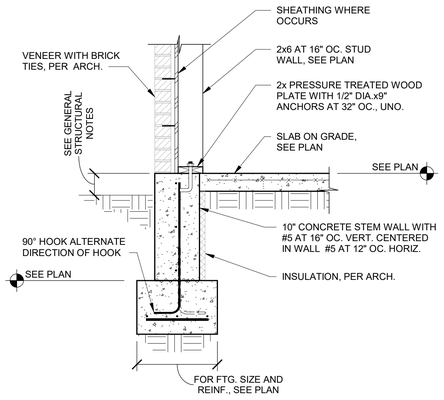
TYPICAL INTERIOR MASONRY FOOTING 2 / 2

3/4" = 1'-0"



EXTERIOR 8" MASONRY WALL FOOTING 3

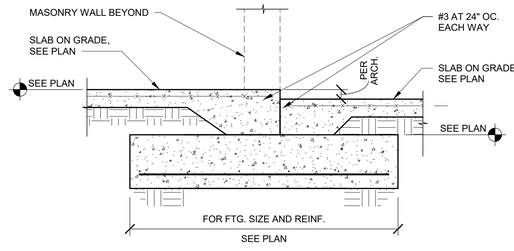
3/4" = 1'-0"



NOTE:
1. For typical framing at door openings see 6 / S6.01.

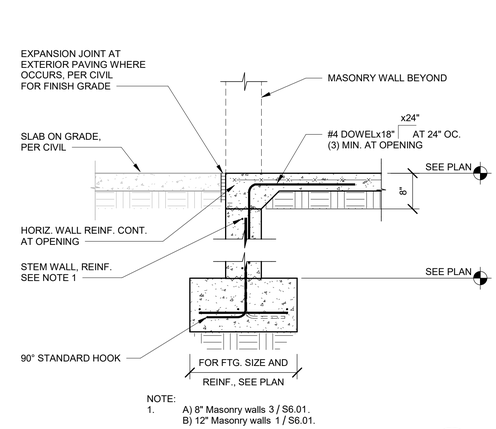
WOOD STUD WALL AT FOOTING 4

3/4" = 1'-0"



SLAB TRANSITION AT INTERIOR OPENING 5

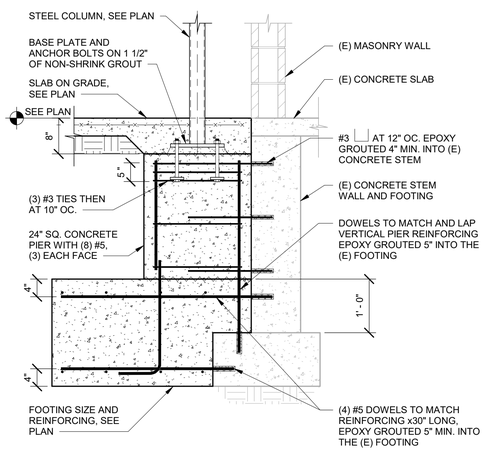
3/4" = 1'-0"



NOTE:
1. A) 8" Masonry walls 3 / S6.01.
B) 12" Masonry walls 1 / S6.01.

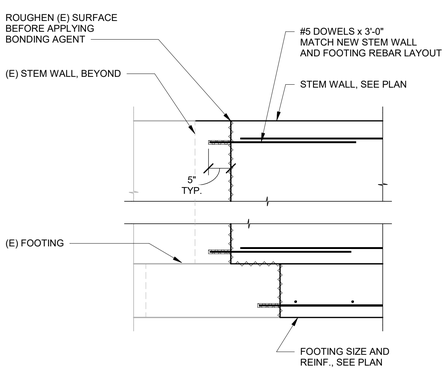
SLAB AT EXTERIOR WALL OPENING 6

3/4" = 1'-0"



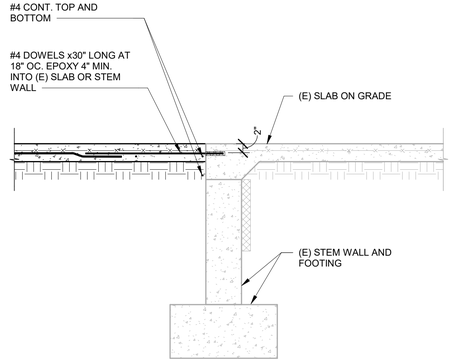
STEEL COLUMN AT FOOTING 7

3/4" = 1'-0"



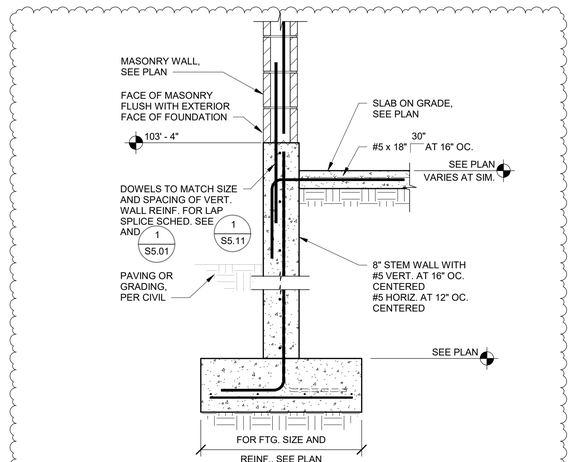
NEW STEM WALL AT EXISTING STEM WALL 8

3/4" = 1'-0"



NEW SLAB ON GRADE AT EXISTING SLAB ON GRADE 9

3/4" = 1'-0"



EXTERIOR MASONRY WALL AT ELEVATED SLAB 10 / 2

3/4" = 1'-0"

FOUNDATION DETAIL NOTES

1. For structural design notes, see sheets starting at S0.01.
2. Architectural backgrounds are shown for reference only. The dimensions shown apply to structural elements only. For dimensions not shown, see architect of record submittal.
3. Contractor shall field verify existing structural conditions. If any discrepancies are found, contractor shall contact the architect and structural engineer before performing alteration work.
4. For concrete and foundation general details, see sheets S5.01 thru S5.03.
5. Footing designations are called out on the foundation plans and coordinated on the schedule sheet S4.01.
6. Slab on grade construction is called out on plans. Coordinate slab on grade construction with sheet S5.01.
7. Coordinate top of footing and top of slab elevations with foundation plans.
8. Columns and base plates are called out on plans and coordinated in the schedule shown on S4.01.
9. Sub-grade material below slabs and footings shall be constructed as indicated by geo-tech report. Coordinate vapor barrier placement below slab with arch and geo-tech report.
10. Contractor to coordinate exterior finish grade with architect and civil.
11. Coordinate non-shrink grout under steel columns with base plate schedule on sheet S4.01.
12. All rebar to maintain clear distances per concrete notes on sheet S0.02.
13. All concrete cold joints are to be roughened and cleaned to 1/4" amplitude, uno.
14. All hooked dowels are shown with 90° std. hook, see 4 / S5.01, uno.
15. All rebar shall maintain tension lap splice, see 5 / S5.01.
16. All dowels shall maintain development lengths, see 1 / S5.01. Concrete wall dowels are to extend to bottom of the footings and face of the footings. for dowels that are centered in wall alternate the hook direction.
17. Concrete strengths are provided in notes on sheet S0.02.
18. All exposed concrete edges shall have a 3/4" chamfer, typ., uno.
19. All cast in place anchor bolts are to be coordinated with the base plate schedule on sheet S4.01.
20. Provide 3" minimum concrete cover between surrounding soil and all embedded steel including, base plates, anchor bolts, headed anchors, columns, etc., uno.
21. All stem wall and footing reinforcing is to be continued thru column piers and footings, uno.
22. For structural bearing wall construction, see plans. Coordinate location with plans and architectural.
23. For all interior and exterior wall finishes, see architectural.
24. Rigid foundation insulation shown for reference only. Coordinate thickness and placement with arch.
25. Masonry veneer shown for reference only. Coordinate thickness and layout with arch. For typical anchorage, see veneer tie notes on sheet S0.02.

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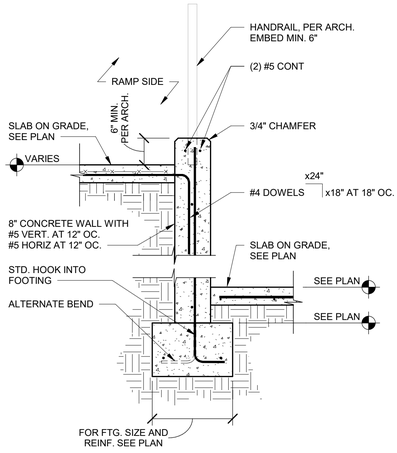
DRAWING NO.

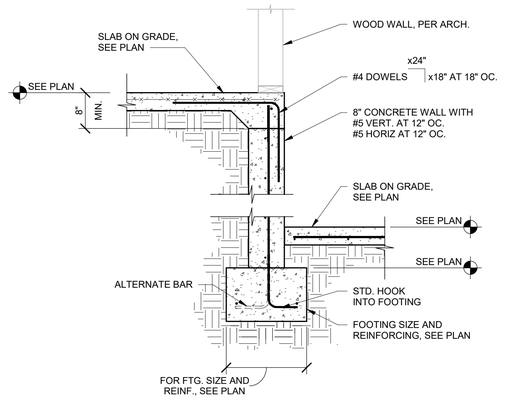
S6.01

FOUNDATION DETAILS



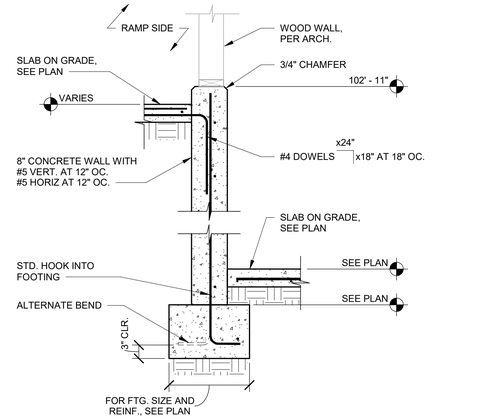
SECTION AT RAMP 1

3/4" = 1'-0"



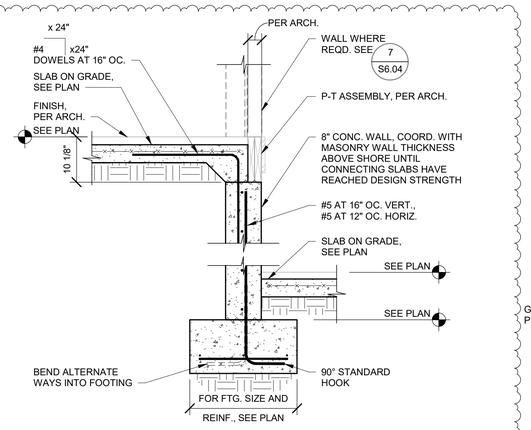
STAGE WALL 2

3/4" = 1'-0"



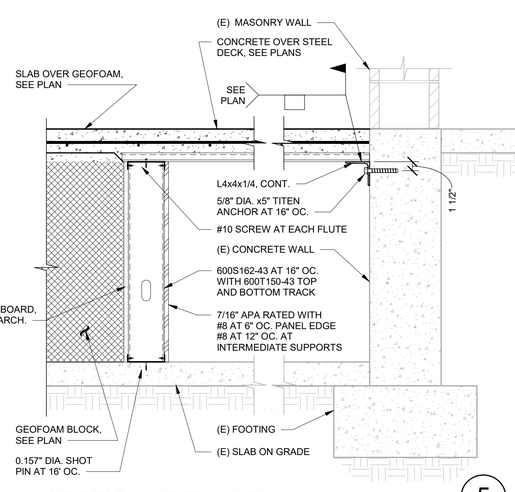
SECTION AT RAMP 3

3/4" = 1'-0"



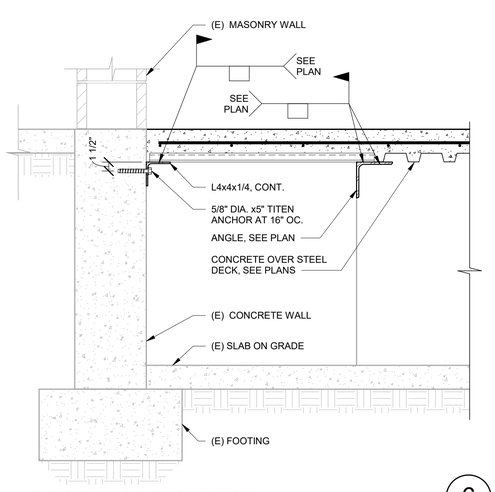
SECTION AT STAGE 4 (2)

3/4" = 1'-0"



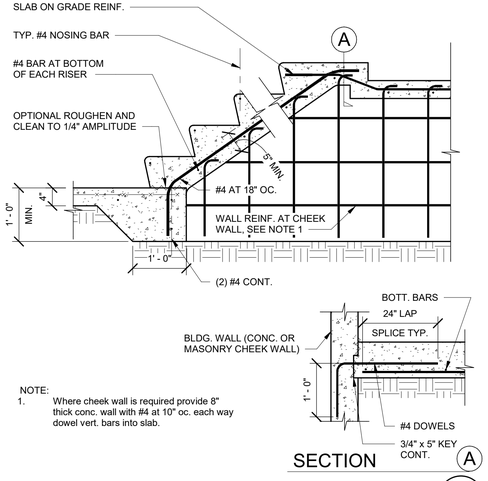
SECTION AT TUNNEL 5

1" = 1'-0"



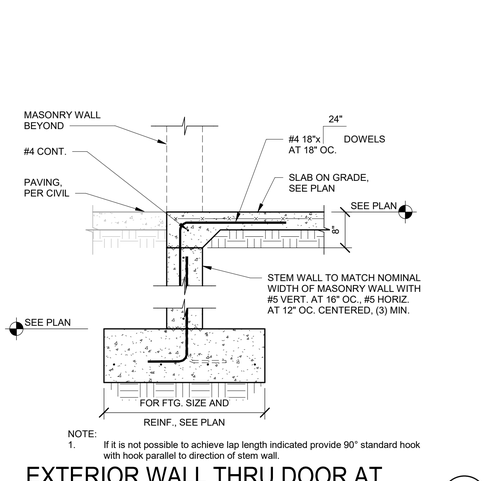
SECTION AT TUNNEL 6

1" = 1'-0"



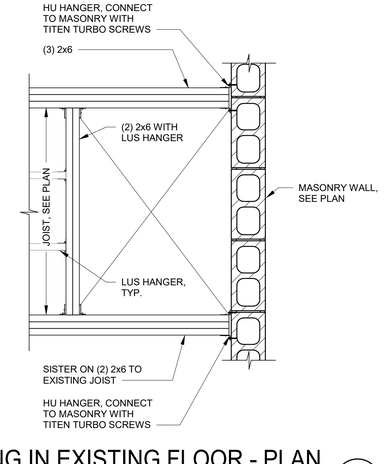
CONCRETE STAIR ON GRADE 7

3/4" = 1'-0"



EXTERIOR WALL THRU DOOR AT FOOTING 8

3/4" = 1'-0"



OPENING IN EXISTING FLOOR - PLAN VIEW 9

3/4" = 1'-0"

FOUNDATION DETAIL NOTES

1. For structural design notes, see sheets starting at S0.01.
2. Architectural backgrounds are shown for reference only. The dimensions shown apply to structural elements only. For dimensions not shown, see architect of record submittal.
3. Contractor shall field verify existing structural conditions. If any discrepancies are found, contractor shall contact the architect and structural engineer before performing alteration work.
4. For concrete and foundation general details, see sheets S5.01 thru S5.03.
5. Footing designations are called out on the foundation plans and coordinated on the schedule sheet S4.01.
6. Slab on grade construction is called out on plans. Coordinate slab on grade construction with sheet S5.01.
7. Coordinate top of footing and top of slab elevations with foundation plans.
8. Columns and base plates are called out on plans and coordinated in the schedule shown on S4.01.
9. Sub-grade material below slabs and footings shall be constructed as indicated by geo-tech report. Coordinate vapor barrier placement below slab with arch and geo-tech report.
10. Contractor to coordinate exterior finish grade with architect and civil.
11. Coordinate non-shrink grout under steel columns with base plate schedule on sheet S4.01.
12. All rebar to maintain clear distances per concrete notes on sheet S0.02.
13. All concrete cold joints are to be roughened and cleaned to 1/4" amplitude, uno.
14. All hooked dowels are shown with 90° std. hook, see 4 / S5.01, uno.
15. All rebar shall maintain tension lap splice, see 5 / S5.01.
16. All dowels shall maintain development lengths, see 1 / S5.01. Concrete wall dowels are to extend to bottom of the footings and face of the footings. for dowels that are centered in wall alternate the hook direction.
17. Concrete strengths are provided in notes on sheet S0.02.
18. All exposed concrete edges shall have a 3/4" chamfer, typ., uno.
19. All cast in place anchor bolts are to be coordinated with the base plate schedule on sheet S4.01.
20. Provide 3" minimum concrete cover between surrounding soil and all embedded steel including, base plates, anchor bolts, headed anchors, columns, etc., uno.
21. All stem wall and footing reinforcing is to be continued thru column piers and footings, uno.
22. For structural bearing wall construction, see plans. Coordinate location with plans and architectural.
23. For all interior and exterior wall finishes, see architectural.
24. Rigid foundation insulation shown for reference only. Coordinate thickness and placement with arch.
25. Masonry veneer shown for reference only. Coordinate thickness and layout with arch. For typical anchorage, see veneer tie notes on sheet S0.02.

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17451
07/28/23
STATE OF IDAHO
RILEY J MAHAFFEY
EXP. 05/31/2024

Lochsa engineering
201 N. Maple Grove Ste. 100
BOISE IDAHO 83704
Phone (208) 342-7168
LE JOB #224217

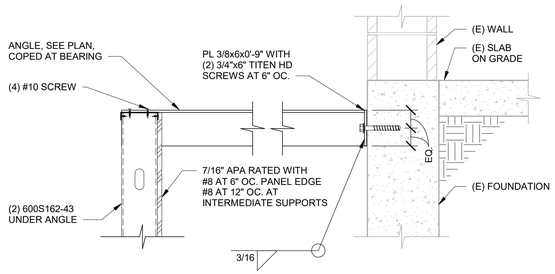
Jefferson Elementary School
Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: July 28, 2023
LKV PROJECT #: -
REVISIONS:
1 07/28/23 V.E.
2

DRAWN BY: GT/AC/WC
CHECKED BY: CH/BAF

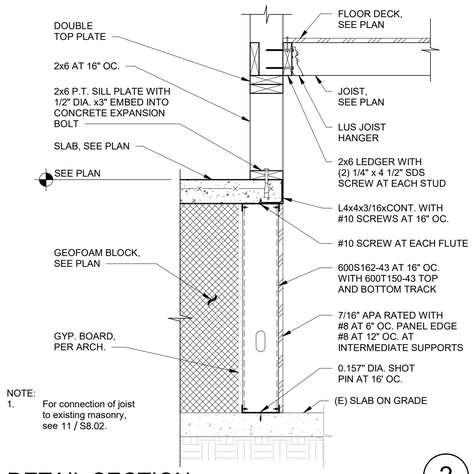
Agency Review

DRAWING NO.
S6.02
FOUNDATION DETAILS



DETAIL SECTION 1

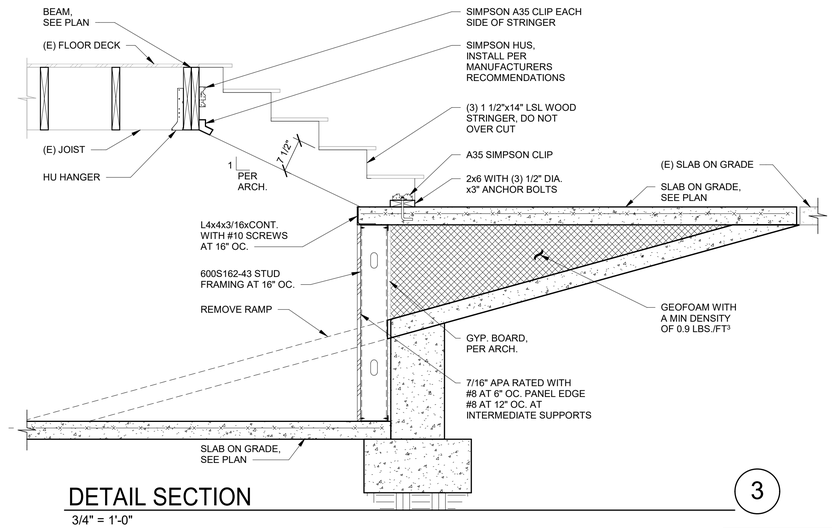
1" = 1'-0"



NOTE:
1. For connection of joist to existing masonry, see 11 / S8.02.

DETAIL SECTION 2

1" = 1'-0"



DETAIL SECTION 3

3/4" = 1'-0"

NEW PILASTER AT EXISTING - PLAN VIEW

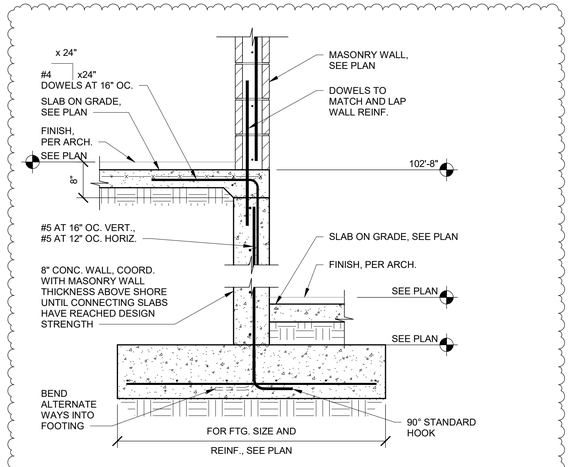
1 1/2" = 1'-0"

DETAIL SECTION 5

1" = 1'-0"

DETAIL SECTION 6

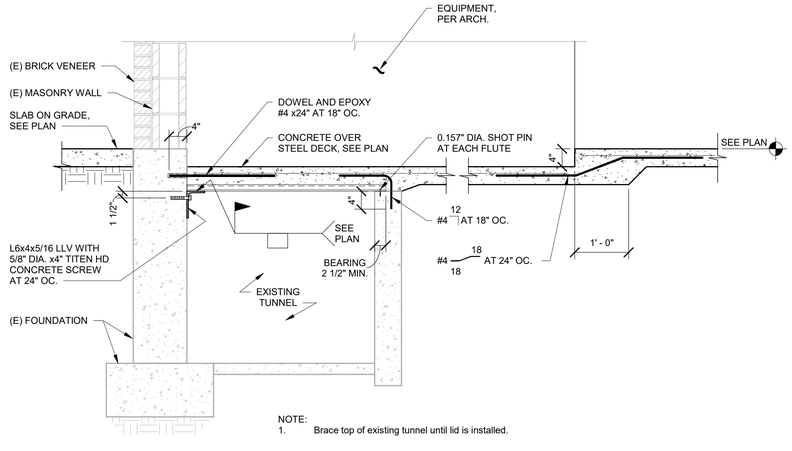
3/4" = 1'-0"



SECTION AT STAGE

3/4" = 1'-0"

2



NOTE:
1. Brace top of existing tunnel until lid is installed.

DEPRESSED SLAB OVER TUNNEL

3/4" = 1'-0"

FOUNDATION DETAIL NOTES

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11. Coordinate non-shrink grout under steel columns with base plate schedule on sheet S4.01.
12. All rebar to maintain clear distances per concrete notes on sheet S0.02.
13. All concrete cold joints are to be roughened and cleaned to 1/4" amplitude, uno.
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15. All rebar shall maintain tension lap splice, see 5 / S5.01.
16. All dowels shall maintain development lengths, see 1 / S5.01. Concrete wall dowels are to extend to bottom of the footings and face of the footings. for dowels that are centered in wall alternate the hook direction.
17. Concrete strengths are provided in notes on sheet S0.02.
18. All exposed concrete edges shall have a 3/4" chamfer, typ., uno.
19. All cast in place anchor bolts are to be coordinated with the base plate schedule on sheet S4.01.
20. Provide 3" minimum concrete cover between surrounding soil and all embedded steel including, base plates, anchor bolts, headed anchors, columns, etc., uno.
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22. For structural bearing wall construction, see plans. Coordinate location with plans and architectural.
23. For all interior and exterior wall finishes, see architectural.
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25. Masonry veneer shown for reference only. Coordinate thickness and layout with arch. For typical anchorage, see veneer tie notes on sheet S0.02.

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EXP. 05/31/2024

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LE JOB #224217

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REVISIONS:
2 07/28/23 V.E.
1

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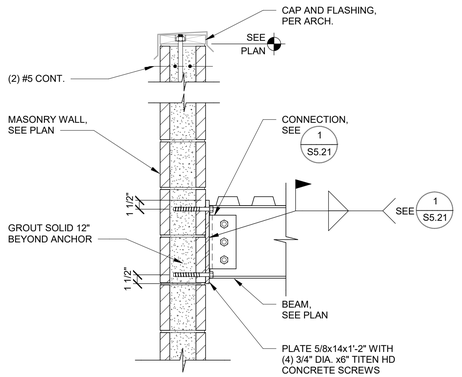
Agency Review

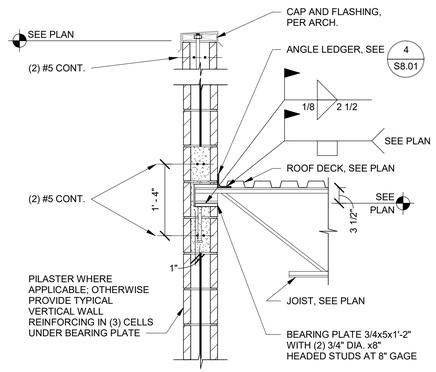
DRAWING NO.
S6.04
FOUNDATION DETAILS



NOTE:
1. At corner condition, locate anchors 4" away from outside face of corner.

BEAM AT MASONRY WALL 1 △2

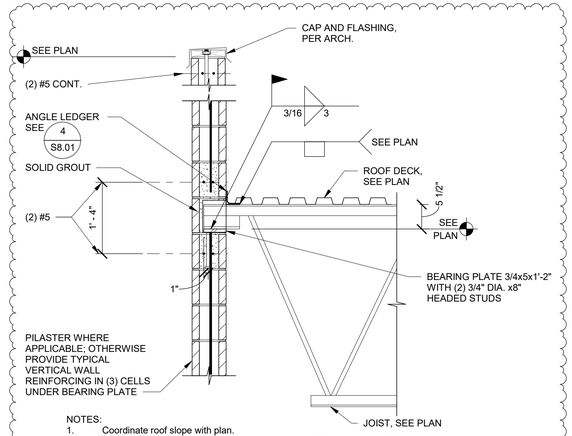
1" = 1'-0"



NOTES:
1. Coordinate roof slope with plan.
2. Solid grout joist pocket before any upper beams or joists are stacked above.
3. Center anchor bolts in wall.

STEEL JOIST POCKET AT MASONRY WALL 2 △2

3/4" = 1'-0"



NOTES:
1. Coordinate roof slope with plan.
2. Solid grout joist pocket before any upper beams or joists are stacked above.
3. Center anchor bolts in wall.

STEEL JOIST SEAT TO 8" MASONRY WALL 3 △2

3/4" = 1'-0"

ROOF FRAMING DETAIL NOTES

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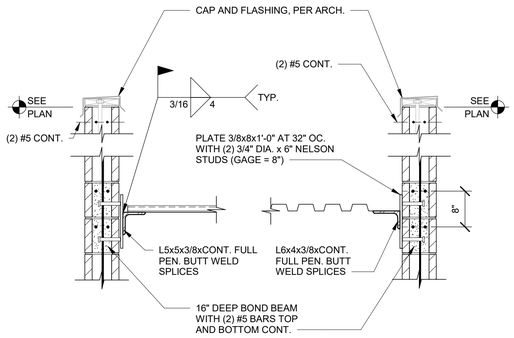
3. Contractor shall field verify existing structural conditions. If any discrepancies are found, contractor shall contact the architect and structural engineer before performing alteration work.
4. For structural steel general details, see sheet S5.21.
5. For structural wood framing general details, see sheet S5.41.
6. Columns are called out on foundation or level of origin plans
7. For all top of structural steel, bottom of deck or finish elevations, see framing plans.
8. For roof deck size, attachment and span direction, see plans.
9. For structural bearing wall construction, see plans. Coordinate location with plans and architectural.
10. For interior and exterior wall finishes, see architectural.
11. Masonry veneer shown for reference only. Coordinate thickness and layout with arch. For typical anchorage, see veneer anchorage notes on sheet S0.03.



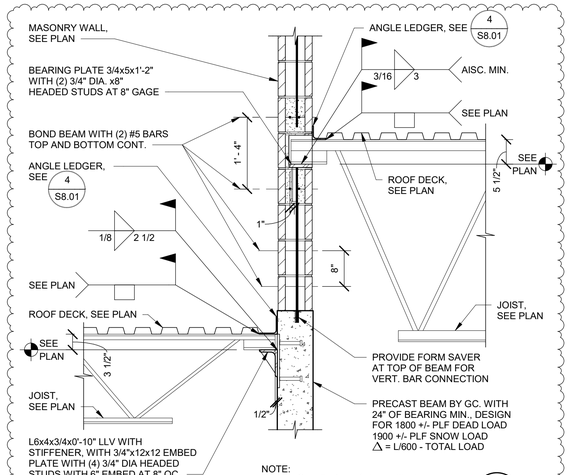
DECK SPAN PERPENDICULAR

DECK SPAN PARALLEL

NOTES:
1. See plan for ledger sizes and anchors, unless noted otherwise use this detail.
2. All deck edge shall be supported.

LEDGER ANGLES 4

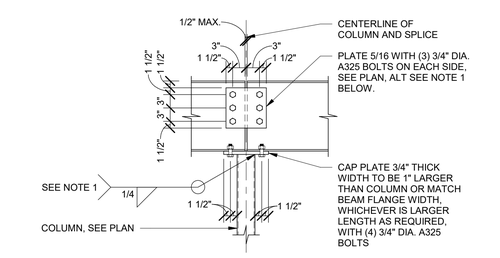
3/4" = 1'-0"



NOTE:
1. Coordinate roof slope with plan.

ROOF TRANSITION 5 △2

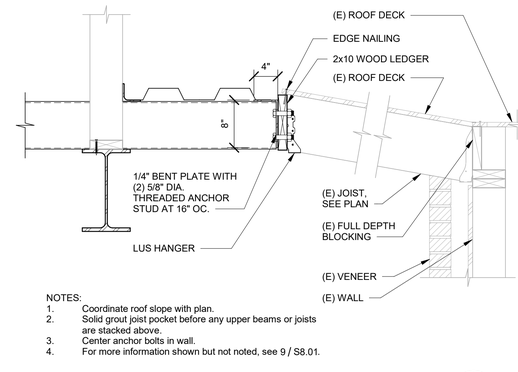
3/4" = 1'-0"



NOTE:
1. Use larger plate and weld as may be required by beam connection schedule or by AISC specification section J2 welds.

BEAM SPLICE AT COLUMN CONNECTION 6

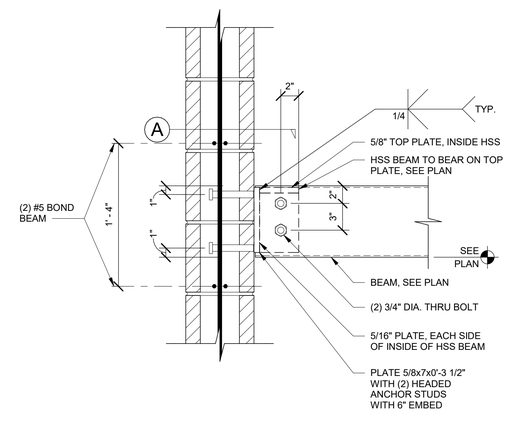
3/4" = 1'-0"

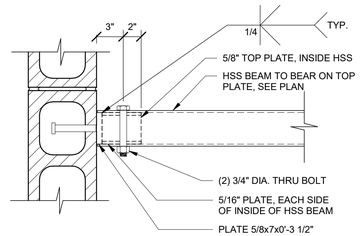


NOTES:
1. Coordinate roof slope with plan.
2. Solid grout joist pocket before any upper beams or joists are stacked above.
3. Center anchor bolts in wall.
4. For more information shown but not noted, see 9 / S8.01.

JOIST POCKET AT MASONRY WALL 7

1" = 1'-0"

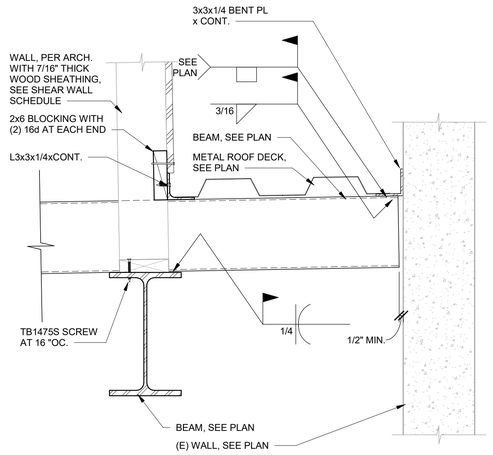




SECTION A

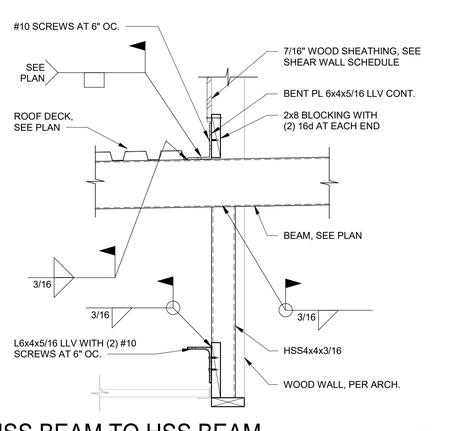
HSS BEAM TO MASONRY WALL CONNECTION 8 △2

1 1/2" = 1'-0"



SECTION DETAIL 9

1 1/2" = 1'-0"



HSS BEAM TO HSS BEAM CONNECTION 10

1" = 1'-0"

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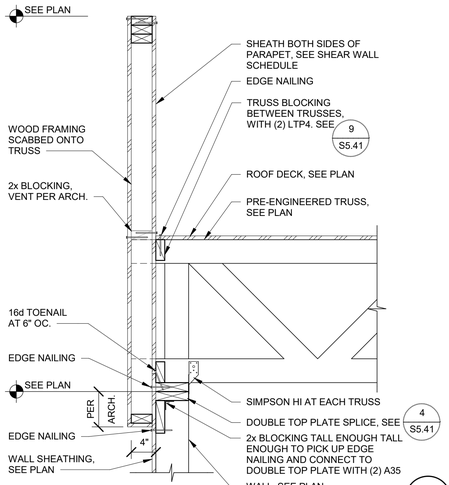
CHECKED BY: CH/BAF

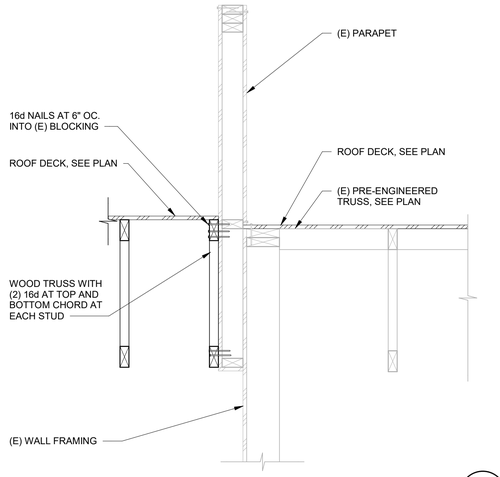
Agency Review

DRAWING NO.
S8.01
ROOF FRAMING DETAILS



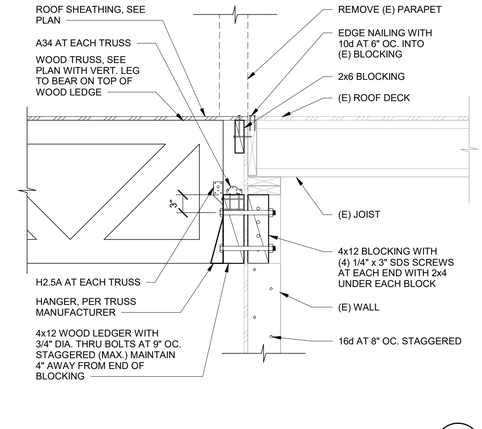
TRUSS AT EXTERIOR WALL 1

1" = 1'-0"



NEW TO EXISTING 2

1" = 1'-0"



TRUSS TO EXISTING WALL 3

1" = 1'-0"

ROOF FRAMING DETAIL NOTES

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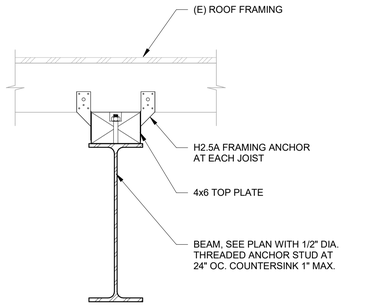
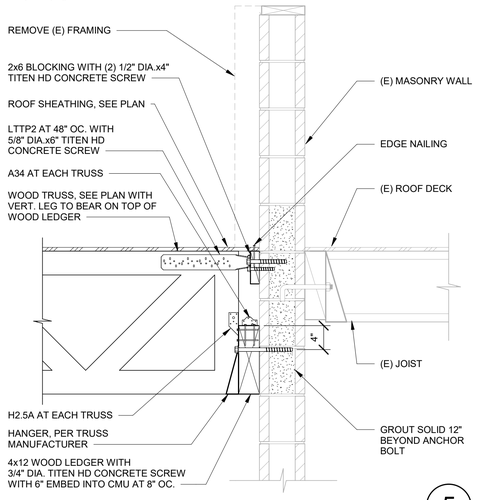
4. For structural steel general details, see sheet S5.21.
5. For structural wood framing general details, see sheet S5.41.
6. Columns are called out on foundation or level of origin plans
7. For all top of structural steel, bottom of deck or finish elevations, see framing plans.
8. For roof deck size, attachment and span direction, see plans.
9. For structural bearing wall construction, see plans. Coordinate location with plans and architectural.
10. For interior and exterior wall finishes, see architectural.
11. Masonry veneer shown for reference only. Coordinate thickness and layout with arch. For typical anchorage, see veneer anchorage notes on sheet S0.03.



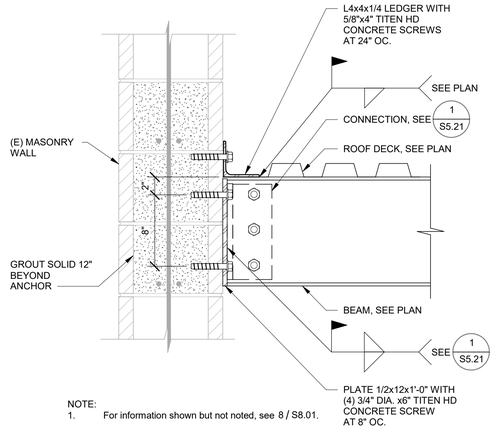
STEEL BEAM TO EXISTING FRAMING 4

1 1/2" = 1'-0"



NEW TRUSS TO EXISTING WALL 5

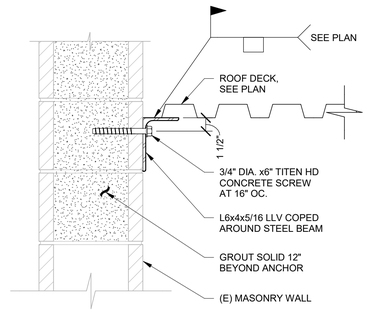
1" = 1'-0"



NOTE:
1. For information shown but not noted, see 8 / S8.01.

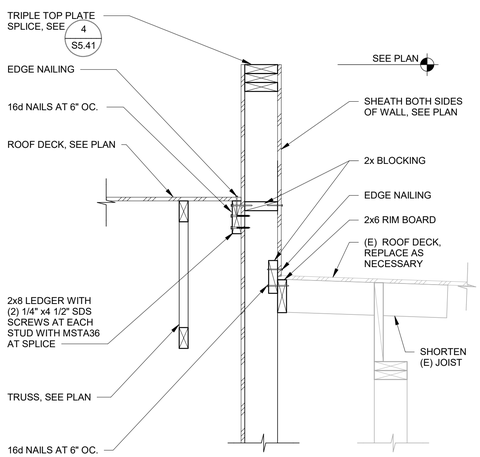
BEAM BEARING PLATE PERPENDICULAR TO WALL 6

1 1/2" = 1'-0"



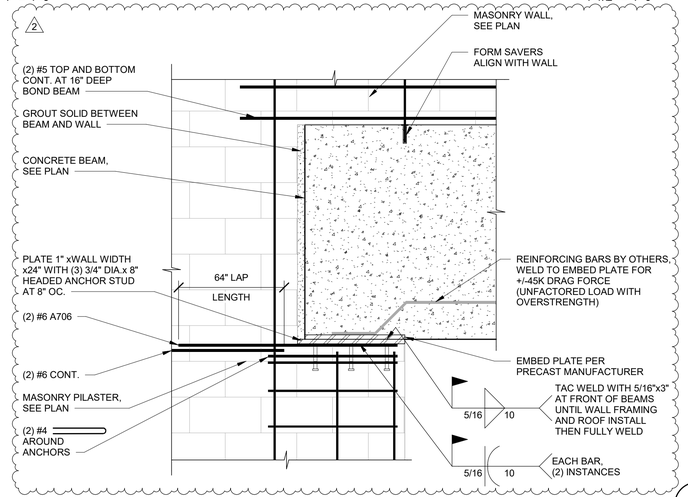
LEDGER BETWEEN JOISTS PERPENDICULAR TO WALL 7

1 1/2" = 1'-0"



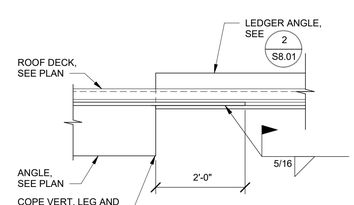
NEW ROOF TO EXISTING TRANSITION 8

1" = 1'-0"



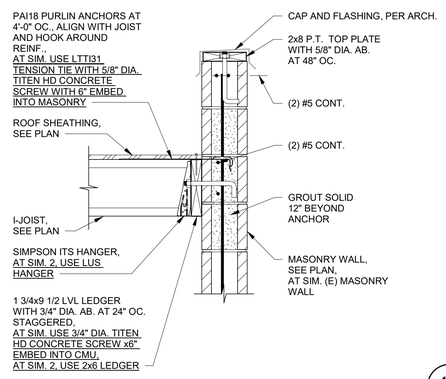
PRECAST BEAM AT MASONRY WALL 9

3/4" = 1'-0"



CHORD SPLICE 10

1 1/2" = 1'-0"



WOOD LEDGER AT MASONRY WALL 11

1" = 1'-0"

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REVISIONS:
2 07/28/23 V.E.
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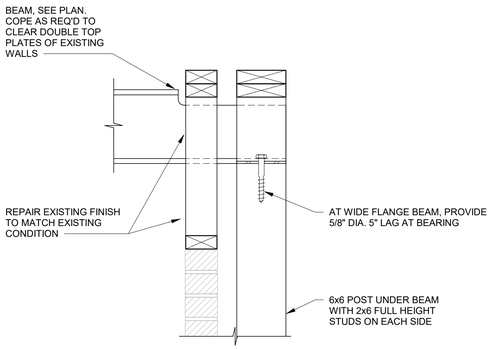
DRAWN BY: GT/AC/WC
CHECKED BY: CH/BAF

Agency Review

DRAWING NO.

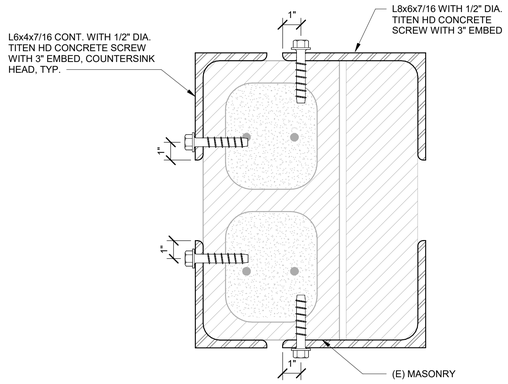
S8.02

ROOF FRAMING DETAILS



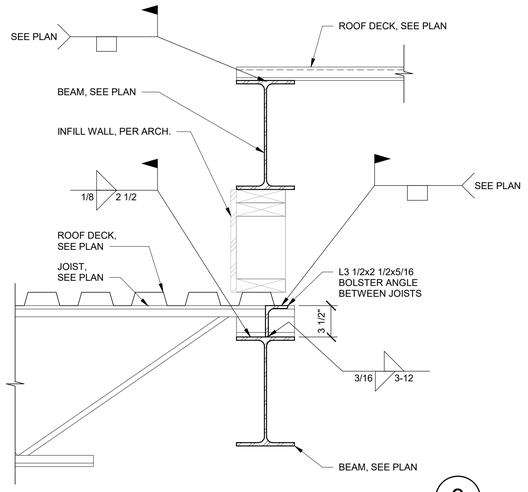
BEAM AT POST CONNECTION 1

1 1/2" = 1'-0"



MASONRY SUPPORT ANGLE CONNECTION 2

3" = 1'-0"



LOW TO HIGH ROOF TRANSITION 3

1 1/2" = 1'-0"

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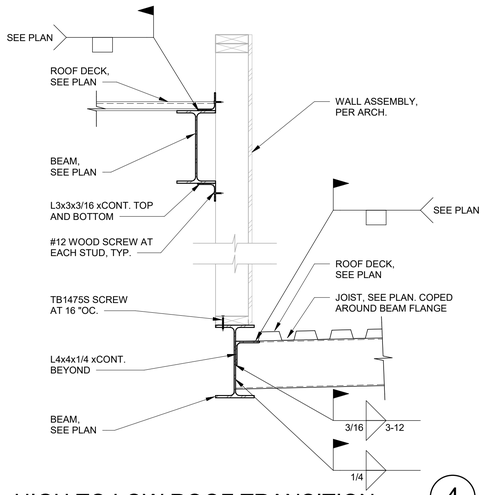
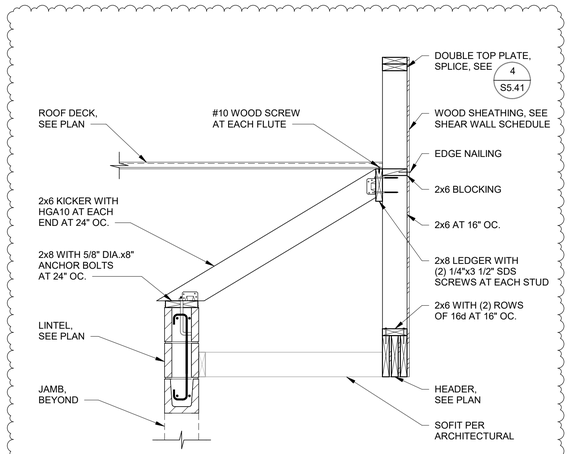
7. For all top of structural steel, bottom of deck or finish elements, see framing plans.
8. For roof deck size, attachment and span direction, see plans.
9. For structural bearing wall construction, see plans. Coordinate location with plans and architectural.
10. For interior and exterior wall finishes, see architectural.
11. Masonry veneer shown for reference only. Coordinate thickness and layout with arch. For typical anchorage, see veneer anchorage notes on sheet S0.03.



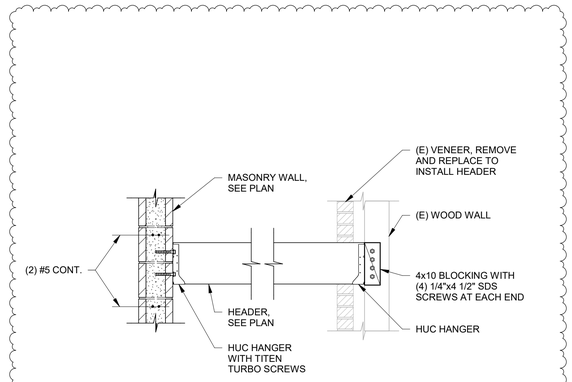
HIGH TO LOW ROOF TRANSITION 4

1" = 1'-0"



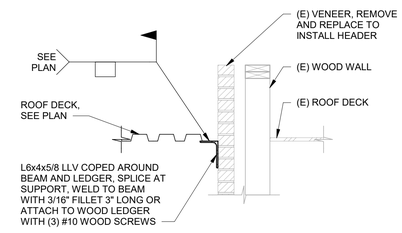
ENTRY SECTION 5 2

3/4" = 1'-0"



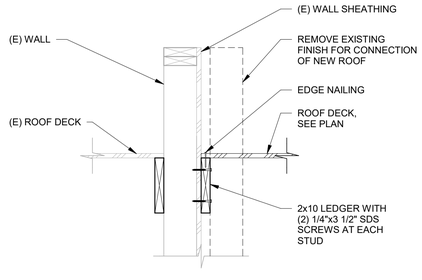
WOOD HEADER CONNECTION 6 2

3/4" = 1'-0"



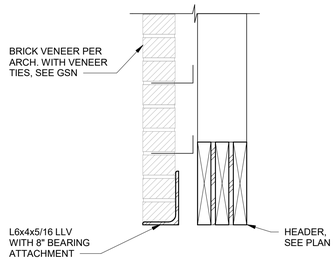
DECK EDGE AT EXISTING WALL 7

3/4" = 1'-0"



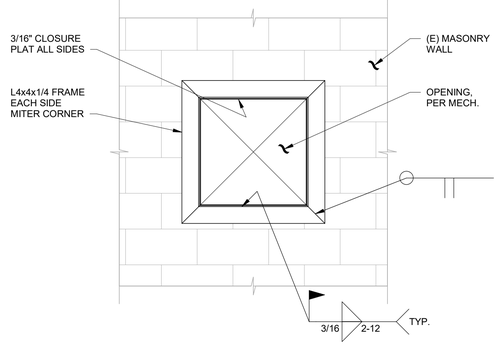
NEW ROOF DECK SUPPORT AT EXISTING WALL 8

1" = 1'-0"



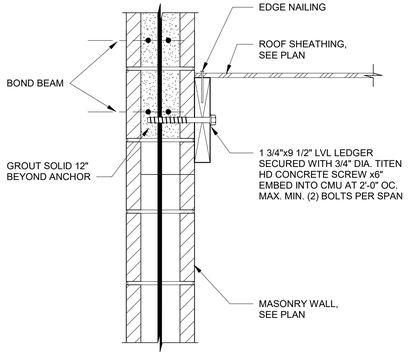
VENEER SUPPORT AT HEADER 9

1 1/2" = 1'-0"



DUCT PENETRATION THROUGH EXISTING WALL 10

3/4" = 1'-0"



LEDGER BETWEEN JOISTS PERPENDICULAR TO WALL 11

1 1/2" = 1'-0"

LKV ARCHITECTS
2400 E RIVERWALK DRIVE
BOISE, IDAHO 83706
WWW.LKVARCHITECTS.COM
208.336.3443

PROFESSIONAL ENGINEER REGISTERED
17451
07/28/23
STATE OF IDAHO
RILEY J MAHAFFEY
EXP. 05/31/2024

Lochsa engineering
201 N. Maple Grove Ste. 100
BOISE IDAHO 83704
Phone (208) 342-7168
LE JOB #224217

Jefferson Elementary School
Addition and Remodel
600 N. Fillmore Street, Jerome, Idaho

DATE: July 28, 2023
LKV PROJECT #: -
REVISIONS:
2 07/28/23 V.E.
1
DRAWN BY: GT/AC/WC
CHECKED BY: CH/BAF

Agency Review

DRAWING NO.
S8.03
ROOF FRAMING DETAILS

SECTION 072100 - THERMAL INSULATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following:

1. Perimeter wall insulation (supporting backfill).
2. Concealed building insulation, blanket / batt and blown.
3. Expandable foam insulation.
4. Vapor retarders.
5. Rigid foam plastic interior wall panel insulation, integrally furred.
6. Safing insulation / metal deck flute filler

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.

1.4 QUALITY ASSURANCE

A. Source Limitations: Obtain each type of building insulation through one source from a single manufacturer.

B. Fire-Test-Response Characteristics: Provide insulation and related materials with the fire-test-response characteristics indicated, as determined by testing identical products per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify materials with appropriate markings of applicable testing and inspecting agency.

1. Surface-Burning Characteristics: ASTM E 84.
2. Fire-Resistance Ratings: ASTM E 119.
3. Combustion Characteristics: ASTM E 136..

1.5 DELIVERY, STORAGE, AND HANDLING

A. Protect insulation materials from physical damage and from deterioration by moisture, soiling, and other sources. Store inside and in a dry location. Comply with manufacturer's written instructions for handling, storing, and protecting during installation.

B. Protect plastic insulation as follows:

1. Do not expose to sunlight, except to extent necessary for period of installation and concealment.
2. Protect against ignition at all times. Do not deliver plastic insulating materials to Project site before installation time.
3. Complete installation and concealment of plastic materials as rapidly as possible in each area of construction.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:

1. Products: Subject to compliance with requirements, provide one of the products specified.
2. Manufacturers: Subject to compliance with requirements, provide products by one of the manufacturers specified.

B. Products by other manufacturers are subject to approval by the Architect prior to bidding.

2.2 FOAM-PLASTIC BOARD INSULATION

A. Extruded-Polystyrene Board Insulation: ASTM C 578, of type and density indicated below, with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively:

1. Manufacturers:

a. DiversiFoam Products.
b. Dow Chemical Company.
c. Owens Corning.
d. Pactiv Building Products Division.

2. Type IV, 1.60 lb/cu. ft. (26 kg/cu. m), supporting backfill unless otherwise indicated.

3. Use Expanded-Polystyrene Board (EPS) Insulation at incidental interior wall applications

4. Thicknesses: As indicated on Drawings. Alternative manufacturer of ½ inch slab isolation board is acceptable.

2.3 GLASS-FIBER BLANKET / BATT INSULATION AND BLOWN INSULATION

A. Manufacturers:

1. CertainTeed Corporation.
2. Guardian Fiberglass, Inc.

3. Johns Manville.
4. Knauf Fiber Glass.
5. Owens Corning.

B. Unfaced, Glass-Fiber Blanket Insulation: ASTM C 665, Type I (blankets without membrane facing); consisting of fibers; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively; passing ASTM E 136 for combustion characteristics.

C. Where glass-fiber blanket insulation is indicated by the following thicknesses, provide blankets in batt or roll form with thermal resistances indicated:

1. 3-1/2 inches (89 mm) thick with a thermal resistance of 15 deg F x h x sq. ft./Btu at 75 deg F (1.9 K x sq. m/W at 24 deg C).
2. 5 ½ inches (140mm) thick with a thermal resistance of 21 deg F x h x sq. f.t./BTU at 75 deg F (3.3K x sq. m/w at 24 deg C).

D. Glass-Fiber Blown Insulation: ASTM C764.

2.4 EXPANDABLE FOAM INSULATION

A. Manufacturers / Products of Expandable Foam Insulation:

1. Products subject to Architect approval for specific applications required.

2.5 VAPOR RETARDERS

A. Fire-Retardant, Reinforced-Polyethylene Vapor Retarders: 2 outer layers of polyethylene film laminated to an inner reinforcing layer consisting of either nonwoven grid of nylon cord or polyester scrim and weighing not less than 22 lb/1000 sq. ft. (10 kg/100 sq. m), with maximum permeance rating of 0.1317 perm (7.56 ng/Pa x s x sq. m) and with flame-spread and smoke-developed indexes of not more than 5 and 60, respectively.

1. Products:

a. Raven Industries Inc.; DURA-SKRIM 2FR.
b. Reef Industries, Inc.; Griffolyn T-55 FR.

B. Vapor-Retarder Tape: Pressure-sensitive tape of type recommended by vapor-retarder manufacturer for sealing joints and penetrations in vapor retarder.

C. Vapor-Retarder Fasteners: Pancake-head, self-tapping steel drill screws; with fender washers.

D. Single-Component Nonsag Urethane Sealant: ASTM C 920, Type I, Grade NS, Class 25, Use NT related to exposure, and Use O related to vapor-barrier-related substrates.

2.6 AUXILIARY INSULATING MATERIALS

A. Vapor-Retarder Tape: Pressure-sensitive tape of type recommended by insulation manufacturers for sealing joints and penetrations in vapor-retarder facings.

B. Safing Insulation / Metal Deck Flute Filler: Hilti, Inc. mineral wool Speed Plugs, Type CP-777.

2.7 FOAM PLASTIC WALL PANEL INSULATION (BUILDING INTERIOR)

A. Expanded – Polystyrene (EPS) Insulating Wall Panels: ASTM C 578 of type listed below.

1. Manufacturer:

a. Gold-Wall Insulating System
Plymouth Foam Incorporated
1800 Sunset Drive
Plymouth, WI 53073
800-669-1176
www.plymouthfoam.com

2. Other manufacturers subject to approval prior to bid.

3. Panel Construction

a. Gold-Wall insulating panels shall be constructed of an EPS foam core with embedded galvanized (G-60) steel furring strips (25Ga.) positioned at 16” inch centers. Panels shall be factory laminated on two (2) sides with a polymeric film providing a 0.07 perm rating.

1. Size: 48” wide by 96” high or 48” wide by 108” high.
2. Thickness: 2 1/2 inch.
3. R-Value: 9.63.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with requirements of Sections in which substrates and related work are specified and for other conditions affecting performance.

1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Clean substrates of substances harmful to insulation or vapor retarders, including removing projections capable of puncturing vapor retarders or of interfering with insulation attachment.

3.3 INSTALLATION, GENERAL

A. Comply with insulation manufacturer's written instructions applicable to products and application indicated.

B. Install insulation that is undamaged, dry, and unsoiled and that has not been left exposed at any time to ice, rain, and snow.

C. Extend insulation in thickness indicated to envelop entire area to be insulated. Cut and fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.

D. Water-Piping Coordination: If water piping is located within insulated exterior walls, coordinate location of piping to ensure that it is placed on warm side of insulation and insulation encapsulates piping.

E. For preformed insulating units, provide sizes to fit applications indicated and selected from manufacturer's standard thicknesses, widths, and lengths. Apply single layer of insulation units to produce thickness indicated unless multiple layers are otherwise shown or required to make up total thickness.

3.4 INSTALLATION OF PERIMETER INSULATION

A. On vertical surfaces, set insulation units in adhesive applied according to manufacturer's written instructions. Use adhesive recommended by insulation manufacturer.

1. If not otherwise indicated, extend insulation a minimum of 24 inches (610 mm) below exterior grade line.

B. Install ½ inch separation board between edge of floor slab and inside face of foundation wall as indicated on the Drawings.

C. Protect below-grade insulation on vertical surfaces from damage during backfilling by applying protection course with joints butted. Set in adhesive according to insulation manufacturer's written instructions.

D. Protect top edge of insulation from damage during concrete work.

3.5 INSTALLATION OF GENERAL BUILDING INSULATION

A. Apply insulation units to substrates by method indicated, complying with manufacturer's written instructions. If no specific method is indicated, bond units to substrate with adhesive or use mechanical anchorage to provide permanent placement and support of units.

B. Install mineral-fiber insulation in cavities formed by framing members according to the following requirements:

1. Use insulation widths and lengths that fill the cavities formed by framing members. If more than one length is required to fill cavity, provide lengths that will produce a snug fit between ends.
2. Place insulation in cavities formed by framing members to produce a friction fit between edges of insulation and adjoining framing members.
3. Maintain 3-inch (76-mm) clearance of insulation around recessed lighting fixtures.
4. For wood-framed wall cavities where cavity heights exceed 96 inches (2438 mm), support unfaced blankets mechanically.
5. Install blown insulation in soffit and other cavities where indicated on Drawings. Fill cavities in their entirety.

C. Install expandable foam insulation in cavities around exterior door units per manufacturer's instructions.

D. Install mineral wool flute filler plugs in metal deck flutes along exterior walls above the termination of rigid insulation. Flute filler plugs shall be cut in lengths one inch shorter than the depth of the flute cavity.

3.6 INSTALLATION OF VAPOR RETARDERS

A. General: Extend vapor retarder to extremities of areas to be protected from vapor transmission. Secure in place prior to installation of gypsum board. Extend vapor retarder to cover miscellaneous voids in insulated substrates.

B. Seal vertical joints in vapor retarders over framing by lapping not less than two wall studs.

C. Before installing vapor retarder, apply urethane sealant to wood framing including still plates, wood studs, and framing around door and window openings. Seal overlapping joints in vapor retarders with vapor-retarder tape according to vapor-retarder manufacturer's written instructions. Seal butt joints with vapor-retarder tape. Locate all joints over framing members or other solid substrates.

D. Firmly attach vapor retarders to wood framing and solid substrates with vapor-retarder fasteners as recommended by vapor-retarder manufacturer.

E. Seal joints caused by pipes, conduits, electrical boxes, and similar items penetrating vapor retarders with vapor-retarder tape to create an airtight seal between penetrating objects and vapor retarder.

F. Repair tears or punctures in vapor retarders immediately before concealment by other work. Cover with vapor-retarder tape or another layer of vapor retarder.

3.7 PROTECTION

A. Protect installed insulation and vapor retarders from damage due to harmful weather exposures, physical abuse, and other causes. Provide temporary coverings or enclosures where insulation is subject to abuse and cannot be concealed and protected by permanent construction immediately after installation.

3.8 INSTALLATION OF FOAM PLASTIC WALL PANEL INSULATION (BUILDING INTERIOR)

A. Install panels in compliance with manufacturer's instructions, details on Drawings, and as follows. Begin installation of insulating panels at a corner. Level / plumb panel prior to installation. Install placement of steel stud near enough to corner for drywall attachment or other means which are acceptable by the local code authorities.

B. Install fasteners approximately four (4") inches from the end of each steel furring strip and at 16" to 24" inch spacing between. Shoot pin directly through solid area of furring strip.
   1. Fastening Systems:

      a. CMU construction, use Grid-Master by ITW Buildex, with fasteners one inch longer than the thickness of the panel.

C. Butt adjacent insulating panel along long edge and fasten.

D. Cut insulating panel to fit around door / window openings. Cut with razor knife and tin snips, reciprocating saw, hacksaw and circular saw using appropriate carbide tipped or carborundum blade. Install placement of steel stud near enough to edge for drywall attachment or other means which are acceptable by the local code authorities.

   1. See details on Drawings for light gauge metal reinforcement by Section 092216 others at inside and outside corners.

E. Periodically check panels for proper vertical and horizontal alignment.

F. Attach gypsum board directly to metal furring strips in the insulated panels using #6 hilo drywall screws. Use appropriate length screws to securely attach gypsum board spacing each fastener twelve (12") inches on-center.

END OF SECTION 072100