

## Public Works Agency

Contracting Agency: County of Ventura

**CONTRACT CHANGE ORDER NO. 18****Project Name: VENTURA COUNTY FIRE TRAINING CENTER SITE IMPROVEMENTS AND STRUCTURAL TRAINING PROPS**

ACCOUNTING DATA:	A/C Contract No.	Budget Dept/Acct No. FPD/4117	Project No. P6T18021
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To: **McGillivray Construction, Inc., CONTRACTOR**

You are hereby directed to make the following changes to the plans and specifications for this contract.

**Note:** This change order is not effective until approved by the Board of Supervisors, Director of Public Works Agency, a Department Director (as Deputy Director - Public Works Agency) or Deputy Purchasing Agent, as indicated.

The Contractor is to provide all labor, material, equipment, supervision, and subcontract costs for the following work:

- Perform all work and incorporate the changes indicated in the attached **CP23-02 CCO-18 ASI-002 Rev2** documents which includes the following revised contract drawings:
  - Architectural:
    - B2-A100, B2-A101, B2-A102, B2-A111, B2-A200, B2-A201, B2-A202, B2-A600, B2-A800, B2-A801, and B2-A802.
  - Plumbing:
    - B2-P000, B2-P001, B2-P100, B2-P101, and B2-P102.
  - Electrical:
    - E-002, ES-102, B2-E101, B2-E102, and B2-E103.

As a result of this change, the total price of this change order is ..... \$ 432,181.00

By reason of this order, the time of completion will be adjusted as follows:

**Contract time is extended by 24 working days.**RECOMMENDED \_\_\_\_\_ REG. NO. C75779 DATE \_\_\_\_\_

FOR APPROVAL BY: Director – Public Works Agency

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

The undersigned contractor has given careful consideration to the change proposed, including its effect on other work already contracted for, and hereby agrees, if this change order is approved, that he will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment for all costs related in any way thereto the prices shown above.

ACCEPTED, CONTRACTOR

BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

If this contract change order is executed by the Agency, but the Contractor does not sign it, the Contractor shall, as required by the Specifications cited:

1. Proceed with the ordered work (Subsections 3-2.2.3 and 3-5);
2. File a written Notice of Potential Claim before commencing the work ordered (Subsection 6-11); and
3. Keep and furnish daily records of materials, equipment and labor (Subsections 3-3.3 and 3-5).

Original: Contractor. Copies: Auditor, Project Manager Contracts Div, Client, Inspector, Fiscal Services, AE and Project File

**ARCHITECT'S SUPPLEMENTAL INSTRUCTION NO. ASI-002\_Rev 2**  
**Design documents and Fireblast coordination**

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**PROJECT:** CP23-02 Ventura County Fire Training Center **DATE:** December 9, 2024

**OWNER:** County of Ventura Public Works Dept.  
Fire Department **PROJECT NO.:** 2803.01

**VIA:** Electronic e-mail

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☐ **Document Clarification:**

*The work shall be carried out in accordance with the following clarifications issued in accordance with the Contract Documents without change in the Contract Sum or Contract Time. Proceeding with the Work in accordance with these clarifications indicates your acknowledgement that there will be no change in the Contract Sum or Contract Time.*

☒ **Proposal Request:**

*Please submit a detailed, itemized Change Order Proposal for changes in the Contract Sum and justification for any additional Contract Time for proposed modifications to the Contract Documents described herein. The proposal is to include mark ups and fees to arrive at a total. Submit proposal within five (5) working days, or notify the Construction Manager in writing of the date on which you anticipate submitting your proposal. This is not a Change Order nor a direction to proceed with the Work described in these instructions or proposed modifications. Do not proceed with the work unless there is a written agreement or authorization from the County Project Manager.*

**DESCRIPTION:**

*Electrical, Plumbing, and Architectural sheets were revised and coordinated with the Fireblast shop drawings to provide clarification regarding the burn props at the Multi-Purpose building, Propane supply and thermal lining protection. See the drawings listed below for Architectural, Plumbing, and Electrical coordination clarifications.*

**REFERENCED DOCUMENTS:** BID SET - 08/21/2023

**ATTACHMENTS:**

**ARCHITECTURAL DRAWING SHEETS**

B2-A100 - REFERENCE PLAN - FIRST FLOOR PLAN (ASI 02\_Rev2)  
B2-A101 - REFERENCE PLAN - SECOND FLOOR PLAN (ASI 02\_Rev2)  
B2-A102 - REFERENCE PLAN - THIRD AND FOURTH FLOOR PLANS (ASI 02\_Rev2)  
B2-A111 - DIMENSION PLAN - SECOND FLOOR (ASI 02\_Rev2)  
B2-A201 - BUILDING ELEVATIONS (ASI 02\_Rev2)  
B2-A202 - BUILDING ELEVATIONS (ASI 02\_Rev2)  
B2-A203 - BUILDING ELEVATIONS (ASI 02\_Rev2)  
B2-A600 - DOOR/WINDOW SCHEDULE & DETAILS (ASI 02\_Rev2)  
B2-A800 - REFLECTED CEILING PLAN - FIRST FLOOR PLAN (ASI 02\_Rev2)  
B2-A801 - REFLECTED CEILING PLAN - SECOND FLOOR PLAN (ASI 02\_Rev2)  
B2-A802 - REFLECTED CEILING PLAN - THIRD FLOOR PLAN (ASI 02\_Rev2)

**Sheet B2-A100 - REFERENCE PLAN - FIRST FLOOR PLAN**

1. Commercial Area #2 - 101A2, revised door 101A2 from a Burn Door to a heavy-duty HM Door & Frame.



ARCHITECT'S SUPPLEMENTAL INSTRUCTION NO. ASI-002\_Rev 2  
Design documents and Fireblast coordination

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2. Commercial Area #2 - 101A2, reduced the extent of thermal lining.
3. Hotel Area #4 – 110, revised door 110A from a Burn Door to a heavy-duty HM Door & Frame.
4. Hotel Area #4 – 110, reduced the extent of thermal lining.
5. In Hotel Area #1, revised hollow metal opening W3 to a fire shutter FS-1

Sheet B2-A101 - REFERENCE PLAN - SECOND FLOOR PLAN

1. Office Area #1 - 200, revised hollow metal opening W3 to a fire shutter FS-1.
2. Office Area #1 - 200, reduced the thermal liner along the Flashover prop wall.
3. Garden Apartment #1 - 201, revised door 201C from a heavy-duty HM door and frame to a Burn Door.
4. Garden Apartment #1 - 201, revised hollow metal opening W3 to a fire shutter FS-1.
5. Hotel Area #5 – 204, revised door 204B from a Burn Door to a heavy-duty HM Door & Frame.
6. Hotel Area #5 – 204, revised hollow metal opening W3 to a fire shutter FS-1.

Sheet B2-A103 - REFERENCE PLAN – THIRD AND FOURTH FLOOR PLAN

1. Commercial Area #5 - 300, revised hollow metal openings W3 (3) to a fire shutter FS-1(3).
2. Commercial Area #5 - 300, reduced the thermal liner along the Flashover prop wall.

Sheet B2-A200 - BUILDING ELEVATIONS

1. South Elevation – Updates to Burn Door and Fire Shutters.
2. West Elevation – Updates to Fire Shutters and above window wall tie-offs.

Sheet B2-A201 - BUILDING ELEVATIONS

1. East Elevation – Updates to Fire Shutter.

Sheet B2-A202 – BUILDING ELEVATIONS

1. East Elevation - Courtyard – Updates to hollow metal door.

Sheet B2-600 – BUILDING ELEVATIONS

1. Door Schedule updates to Doors 101A2, 110A & 204B to revise from a Burn Door to a hollow metal door and frame.
2. Door Schedule update to Door 201C to revise from a hollow metal door to a Burn Door.

Sheet B2-A800 - REFLECTED CEILING PLAN - FIRST FLOOR PLAN

1. See drawing for updates to the speaker locations.
2. See drawing for the updated to thermal liner ceiling panels.
3. See drawing for the extent of thermal liner wall panels to extend 2'-0" below the thermal liner ceiling panel system.

Sheet B2-A801 - REFLECTED CEILING PLAN - SECOND FLOOR PLAN

1. See drawing for updates to the speaker locations.
2. See drawing for the updated to thermal liner ceiling panels.
3. See drawing for the extent of thermal liner wall panels to extend 2'-0" below the thermal liner ceiling panel system.

Sheet B2-A802 - REFLECTED CEILING PLAN - THIRD FLOOR PLAN

1. See drawing for updates to the speaker locations.
2. See drawing for the updated to thermal liner ceiling panels.
3. See drawing for the extent of thermal liner wall panels to extend 2'-0" below the thermal liner ceiling panel system.



ARCHITECT'S SUPPLEMENTAL INSTRUCTION NO. ASI-002\_Rev 2  
*Design documents and Fireblast coordination*

**PLUMBING DRAWING SHEETS**

- B2-P000 – PLUMBING GENERAL (ASI 02\_Rev2)
- B2-P001 – PLUMBING DETAILS (ASI 02\_Rev2)
- B2-P100 – PLUMBING FIRST FLOOR PLAN (ASI 02\_Rev2)
- B2-P101 – PLUMBING SECOND FLOOR PLAN (ASI 02\_Rev2)
- B2-P102 – PLUMBING THIRD AND FOURTH FLOOR PLANS (ASI 02\_Rev2)

NOTE: These Plumbing sheets have been replaced with the sheets attached to RFI-192 and RFI-193 responses.

**Sheet B2-P000 Plumbing General**

1. Modify Detail 3 to indicate gas service entry from within the Multi-Purpose building
2. Amend Detail 4 to reference Detail 3 for clarification
3. Update Gas Riser Diagram to align with FireBlast Drawings - Ventura R6
4. Revise Plumbing Legend to display updated line types for propane supply

**Sheet B2-P100, B2-101, B2-P102**

1. Include Plumbing Key Notes to specify the location and routing of burn props
2. Integrate line work and valves for the tank farm to enhance clarity
3. Adjust piping routes to match FireBlast Drawings - Ventura R6

**ELECTRICAL DRAWING SHEETS**

- E-002 – SINGLE LINE DIAGRAM AND PANEL SCHEDULES (ASI 02\_Rev2)
- ES-102 – ELECTRICAL SITE PLAN (ASI 02\_Rev2)
- B2-E101 – MULTI-PURPOSE BUILDING FIRST FLOOR ELECTRICAL PLAN (ASI 02\_Rev2)
- B2-E102 – MULTI-PURPOSE BUILDING SECOND FLOOR ELECTRICAL PLAN (ASI 02\_Rev2)
- B2-E103 – MULTI-PURPOSE BUILDING THIRD FLOOR ELECTRICAL PLAN (ASI 02\_Rev2)

**Sheet E-002 Single Line and Panels Schedules**

1. Air Compressor change to single phase from 3-phase. Change breaker size.
2. Added 50a/3p breaker for Control Rack Control
3. Breakers change to "spares" for changed loads

**Sheet ES-102**

1. Added additional 120v circuit for outdoor prop.

**Sheets B2-E101, B2-E102, and B2-E103**

1. Gas Monitor location are shown to match Vendor's plans. Conduits no longer go to high voltage cabinets.
2. Location of Speakers to match Vendor's plans and re-routed zones wiring.
3. Speaker location in rooms 106, 110, C-1 (South), 200, 204, 206, and 300 updated to wall mounted speakers low on the wall.
4. Speakers removed in room C-1 (North), and C-2 (both North and South speakers).
5. Exhaust fan junction box shown outside from inside to match Vendor's plans.
6. Electrical Stubs to furniture prop in various location to match Vendor's plans.
7. Show smoke distribution system requirements to match Vendor's plans.
8. Provide switch disconnect for connection to Air Compressor and Air Dryer per Vendor's plans.



ARCHITECT'S SUPPLEMENTAL INSTRUCTION NO. ASI-002\_Rev 2  
*Design documents and Fireblast coordination*

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ISSUED BY: Mary McGrath

COPIES TO: -

Mary McGrath Architects

Firm

Mary McGrath

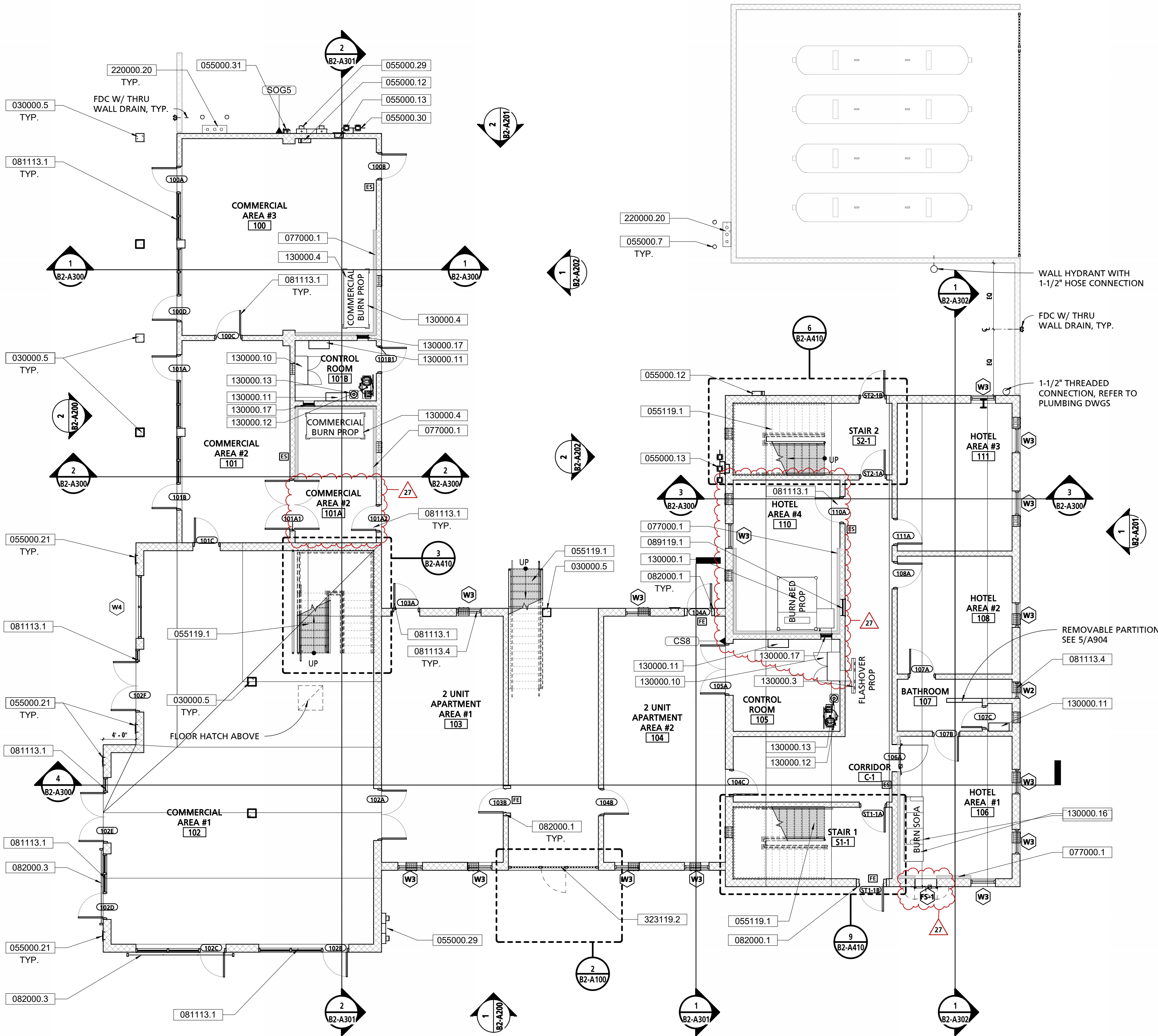
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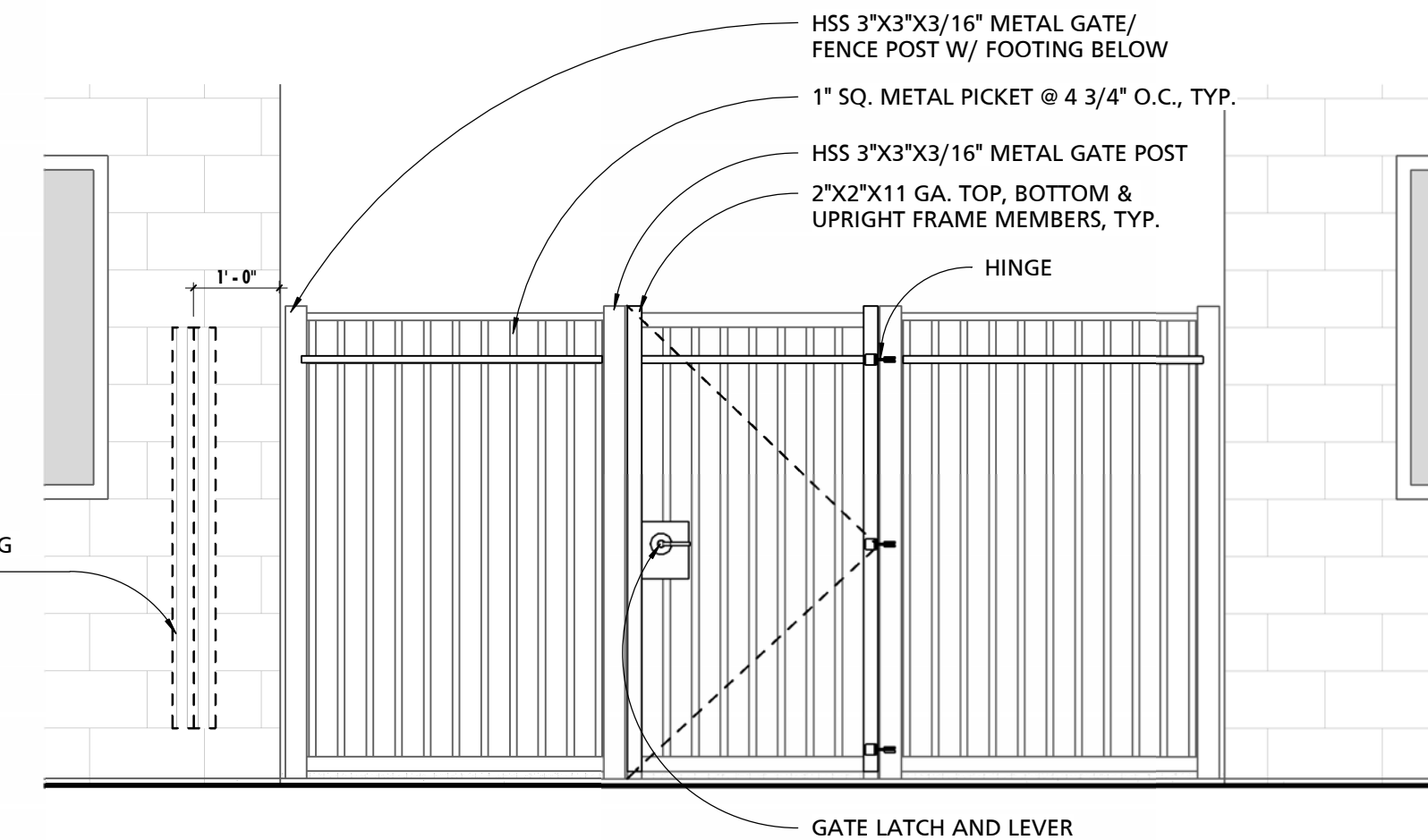
GENERAL REFERENCE PLAN NOTES	
1	PROVIDE A BULLNOSE CMU AT ALL OUTSIDE CORNERS OF INTERIOR MASONRY WALLS & SILLS.
2	SEE A906 FOR TYPICAL RAILING DETAILS.

PLAN LEGEND	
	HOLLOW METAL DOOR
	FORCIBLE ENTRY DOOR
	BURN ROOM DOOR
	EMERGENCY STOP
	NEW WALL/PARTITION
	THERMAL LINER PANEL SYSTEM
	THERMAL LINER CEILING PANEL

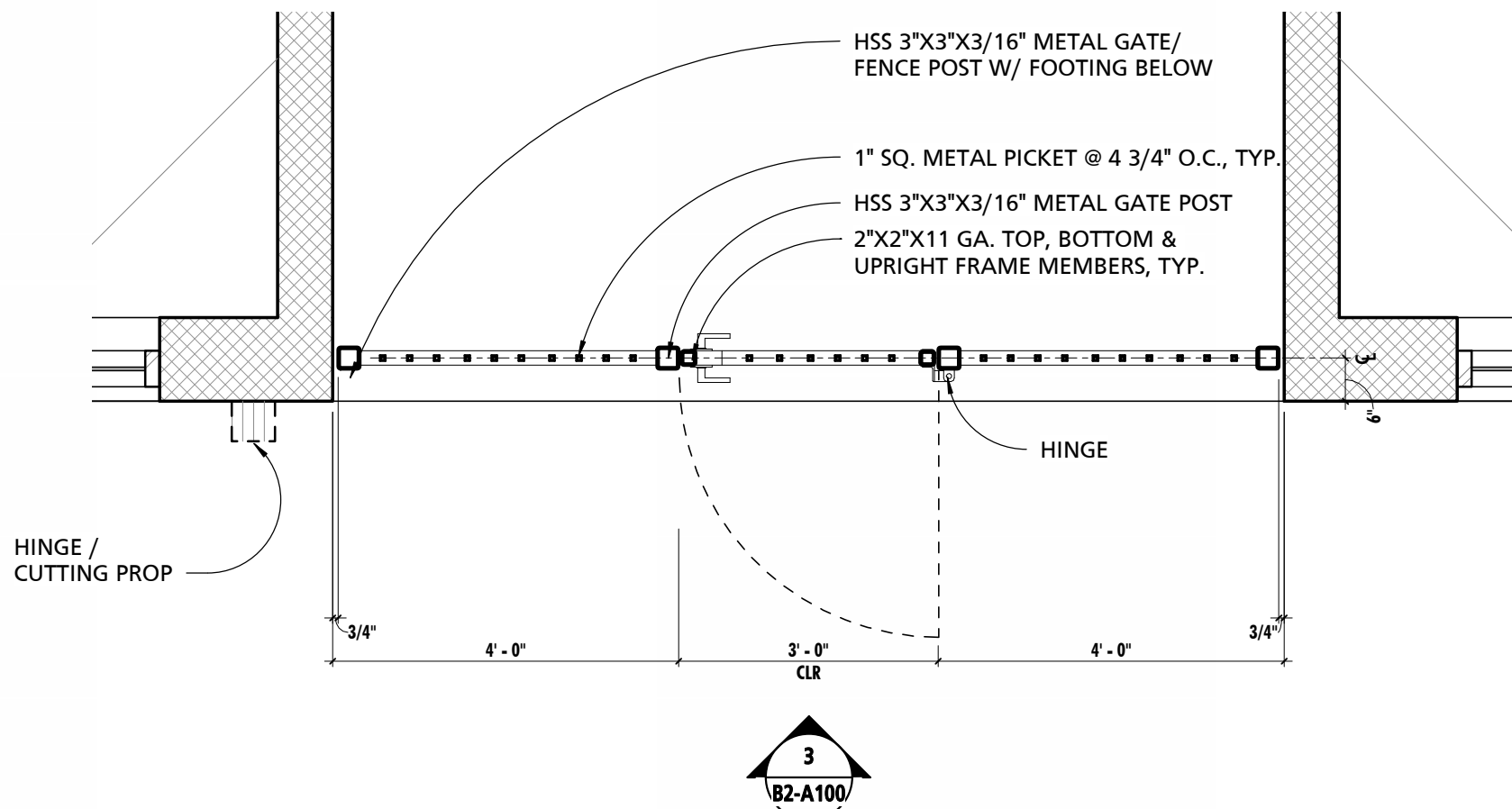
KEY VALUE	KEYNOTE TEXT
030000.5	CONCRETE COLUMN, REFER TO STRUCTURAL DRAWINGS
055000.7	METAL BOLLARD
055000.12	MOCK ELECTRICAL CABINETS; SEE SHEET A904
055000.13	MOCK VALVE CABINET; SEE SHEET A904
055000.21	RECESSED GALVANIZED STEEL LADDER TIE-OFF; SEE DETAIL 6/A904, TYP.
055000.29	MOCK ELECTRICAL METER (COMMERCIAL), PROVIDE 2" EMPTY WALL MOUNTED CONDUIT TO 6" BELOW GRADE; SEE SHEET A904
055000.30	MOCK GAS METER; SEE SHEET A904
055000.31	MOCK DISCONNECT SWITCH; PROVIDE 2" EMPTY WALL MOUNTED CONDUIT TO 6" BELOW GRADE; SEE SHEET A904
055119.1	GALVANIZED STEEL GRATE STAIR, TYP.
077000.1	THERMAL LINING SYSTEM WALL PANELS
081113.1	HOLLOW METAL DOOR & FRAME
081113.4	HOLLOW METAL WINDOW WITH REMOVABLE PANEL; SEE SHEET A903
082000.1	FORCIBLE ENTRY DOOR SIMULATOR
082000.3	STOREFRONT SECURITY DOOR
089119.1	FIXED LOUVER - 24"x40"
130000.1	LPG BED PROP BY TRAINING PROP VENDER
130000.3	LPG FLASHOVER PROP BY TRAINING PROP VENDER WITH 16"x16" WALL OPENING BY CONTRACTOR, COORDINATE OPENING LOCATION FOR HK WALL PLATE WITH THE FIRE PROP VENDOR
130000.4	LPG COMMERCIAL PROP BY TRAINING PROP VENDER
130000.10	CONTROL RACK BY TRAINING PROP VENDER
130000.11	SMOKE GENERATOR BY TRAINING PROP VENDER
130000.12	AIR COMPRESSOR BY TRAINING PROP VENDER
130000.13	AIR DRYER BY TRAINING PROP VENDER
130000.16	LPG SOFA PROP BY FIRE PROP VENDOR
130000.17	16"x16" WALL OPENING BY CONTRACTOR, COORDINATE OPENING LOCATION FOR HK WALL PLATE WITH THE FIRE PROP VENDOR
220000.20	PROPANE STUB UP WITH PROTECTIVE BOLLARDS, REFER TO A104
323119.2	METAL SWINGING PERSON GATE



1 FIRST FLOOR REFERENCE PLAN  
1/8" = 1'-0"



3 GATE ELEVATION  
1/2" = 1'-0"



2 ENLARGED GATE PLAN  
1/2" = 1'-0"



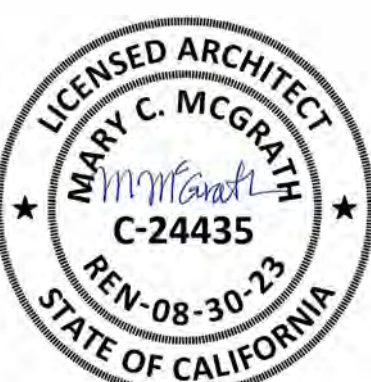
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**VENTURA COUNTY**  
**WORKS**  
ENGINEERING SERVICES

MARY MCGRATH | ARCHITECTS

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PROFESSIONAL SEALS

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PERMIT NO C21-777 & C21-778		
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10	RFI #10	01-05-2024
13	ASI# 2	02-14-2024
16	ASI-002_Rev1	04-26-2024
27	ASI-002_Rev2	12/05/2024

PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER

DRAWN BY	JB	CHECKED BY	GC
CONSULTANT JOB NO	20-126	DATE	08/21/2023
PROJECT TITLE AND ADDRESS			

**VENTURA COUNTY**  
**FIRE TRAINING**  
**CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER	CP23-02
COUNTY PROJECT NUMBER	P6T18021
COUNTY DWG NO	SHEET of 123

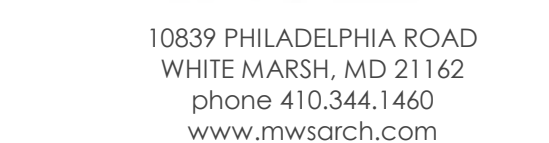
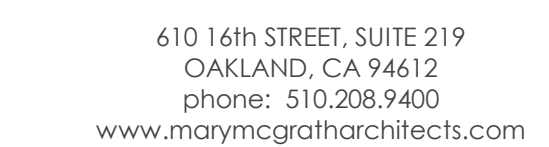
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REFERENCE PLAN - FIRST  
FLOOR PLAN

SHEET NO  
CP23-02  
CCO-18  
**B2-A100**









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**PUBLIC WORKS PROJECT MANAGER**

**CONSULTANT PROJECT MANAGER**

DRAWN BY JB	CHECKED BY
CONSULTANT JOB NO 20-126	DATE 08/21/20

# VENTURA COUNTY FIRE TRAINING CENTER

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER  
CP23-02

COUNTY PROJECT NUMBER  
P6T18021








COUNTY DWG NO	SHEET	OF 1
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SHEET TITLE  
REFERENCE PLAN - THIRD  
AND FOURTH FLOOR  
PLANS

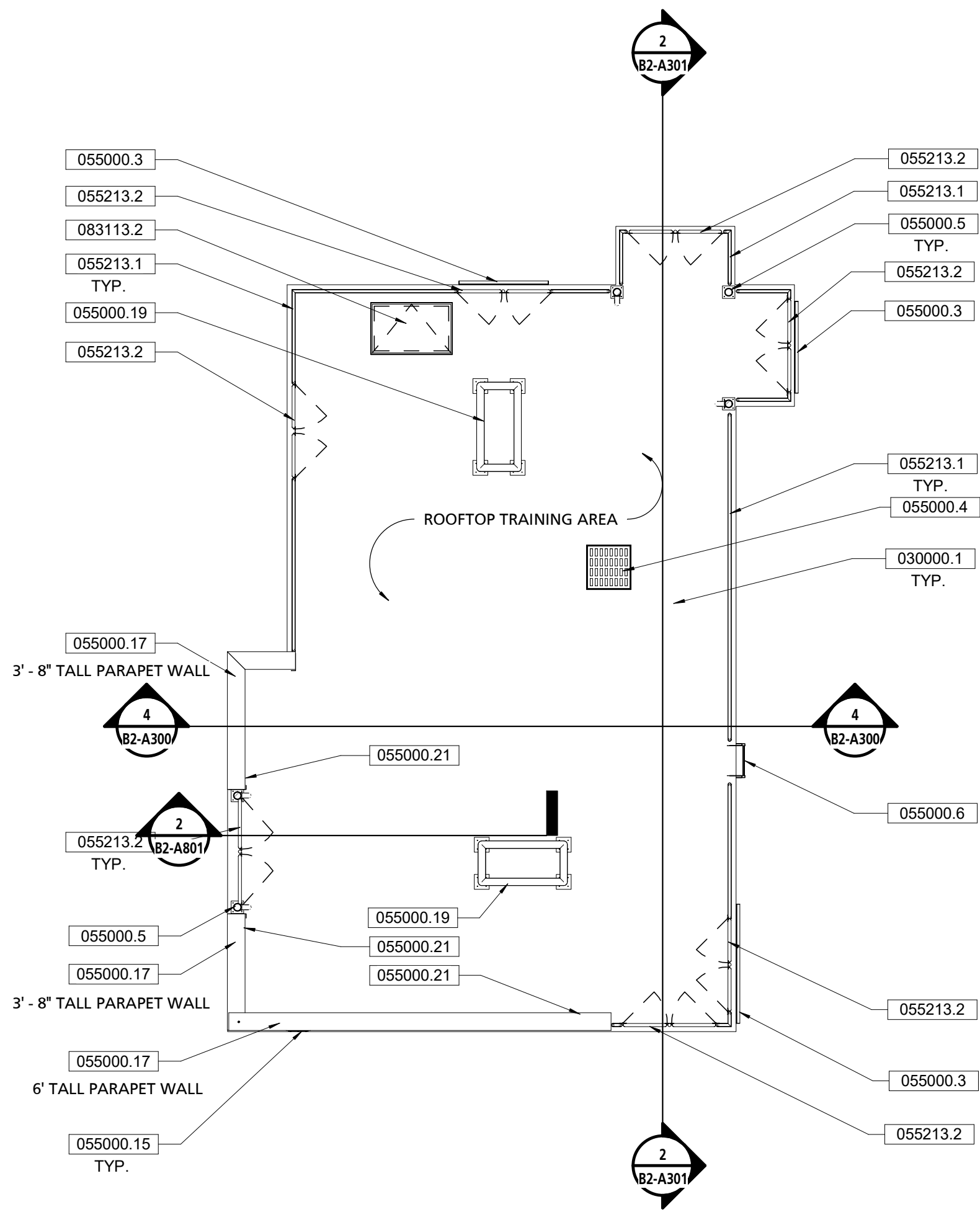
SHEET NO  
23-02  
CO-18

B2-A102

## PLAN LEGEND

	HOLLOW METAL DOOR
	FORCIBLE ENTRY DOOR
	BURN ROOM DOOR
	EMERGENCY STOP
	NEW WALL/PARTITION
	THERMAL LINER PANEL SYSTEM
	THERMAL LINER CEILING PANEL

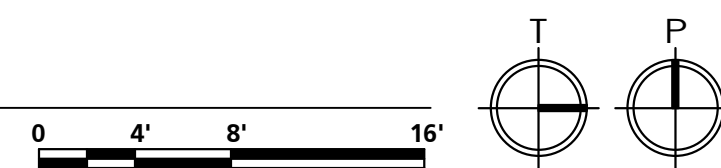
KEY VALUE	KEYNOTE TEXT
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030000.5	CONCRETE COLUMN, REFER TO STRUCTURAL DRAWINGS
030000.6	CONCRETE BEAM, REFER TO STRUCTURAL DRAWINGS
030000.10	SLAB ON GRADE ROOF SLAB, REFER TO STRUCTURAL DRAWINGS
050000.3	6" DIA. STAINLESS STEEL HALF PIPE.
050000.4	3'-0" X 3'-0" ACCESS HATCH
050000.5	GALVANIZED STEEL HIGH AR RAPPELLS TIE-OFF, REFER TO STRUCTURAL DWGS
050000.6	METAL LADDER, SEE SHEET A907
050000.11.1	9'0" H GALVANIZED POST / WALL RAPPELLING TIE-OFFS, REFER TO STRUCTURAL DWGS
050000.15	WALL SCUPPER; SEE DETAIL 8/A902
050000.17	GALVANIZED STEEL BENT PLATE COPING
050000.19	WALL SCUPPER RAPPELLING TIE-OFF, REFER TO STRUCTURAL DWGS
050000.20	GALVANIZED STEEL COLUMN TIE-OFF; REFER TO STRUCTURAL DWGS
050000.21	REFLECTOR GALVANIZED STEEL LADDER TIE-OFF; SEE DETAIL 6/A904, TYP.
050000.26	SHIPS LADDER, SEE SHEET A907
050519.1	GALVANIZED STEEL GRADE STAIR, TYP.
050521.3	2" STD GALVANIZED STEEL 42" H PIERAIL, TYP.
050521.32	2" STD GALVANIZED STEEL GATE, TYP.
061600.1	ROOF CHOP OFF PANEL - 2'X4, SEE SHEET A904
070000.1	THERMAL LINING SYSTEM WALL PANELS
081113.4	HOLLOW METAL WINDOW WITH REMOVABLE PANEL; SEE SHEET A903
081113.12	EXTERIOR STEEL FLOOR ACCESS DOOR AND FRAME (36"x60")
130000.03	LPG FLASHOVER PROP BY TRAINING PROP VENDER WITH 15" WALL OPENINGS BY CONTRACTOR, COORDINATE OPENING LOCATION FOR HK WALL PLATE WITH THE FIRE PROOF WALL
130000.05	LPG DESK PROP BY TRAINING PROP VENDER
130000.10	CONTROL RACK BY TRAINING PROP VENDER
130000.11	SMOKE GENERATOR BY TRAINING PROP VENDER
130000.12	AIR COMPRESSOR BY TRAINING PROP VENDER
130000.13	AIR DRYER BY TRAINING PROP VENDER



**1 THIRD FLOOR REFERENCE PLAN**  
1/8" = 1'-0"



**2 FOURTH FLOOR REFERENCE PLAN**  
1/8" = 1'-0"







# PUBLIC VENTURA COUNTY WORKS

ENGINEERING SERVICES

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13	ASIF 2	02-14-21
20	RFI #104 / 105	07-26-21
21	RFI #112	08-02-21
27	ASI-002 Rev2	12/05/21

PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER

DRAWN BY JB CHECKED BY GC  
CONSULTANT JOB NO. DATE 08/21/2023

PROJECT TITLE AND ADDRESS

## VENTURA COUNTY FIRE TRAINING CENTER

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER CP23-02

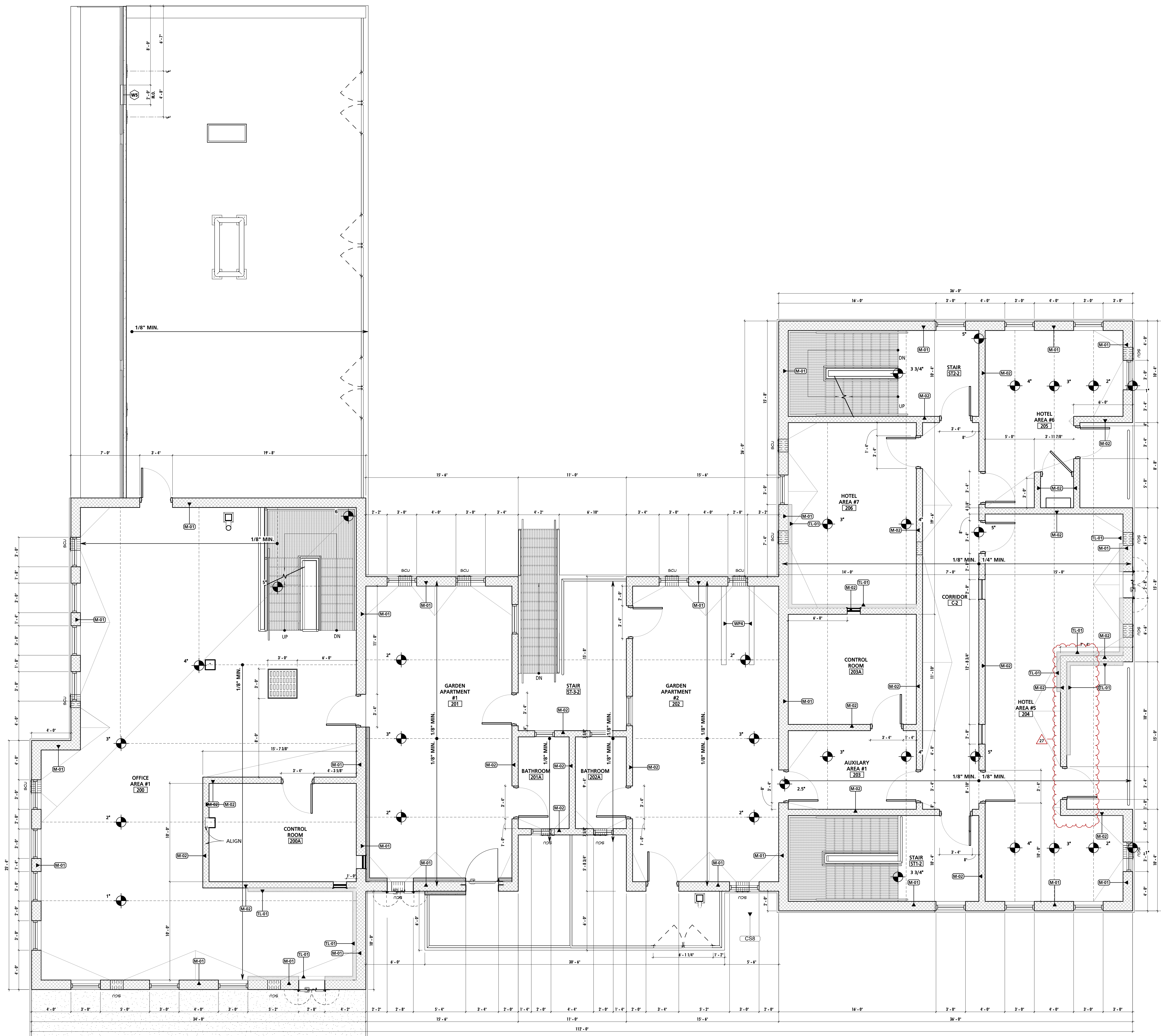
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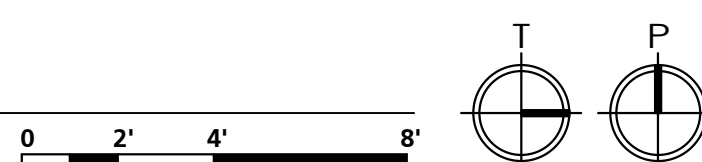
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DIMENSION PLAN -  
SECOND FLOOR PLAN

SHEET NO  
CP23-02  
CCO-18

B2-A111



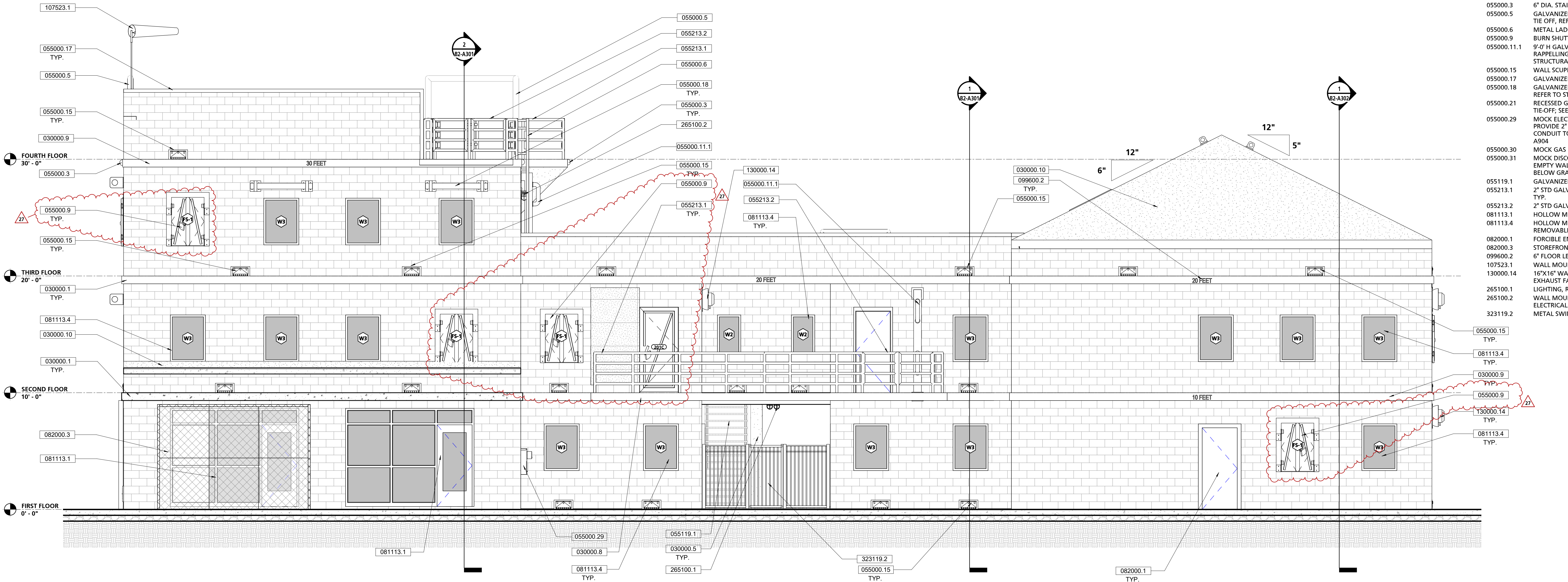
1 SECOND FLOOR DIMENSION PLAN  
1/4" = 1'-0"





GENERAL ELEVATION NOTES	
NOTE #	NOTE
1	SEE OTHER ELEVATIONS FOR TYPICAL NOTES.
2	LINE OF GRADES AS SHOWN ON THE BUILDING ELEVATIONS AND SECTION ARE APPROXIMATE. THEY ARE AT THE BUILDING FACE OR THE SECTION END UNLESS NOTED OTHERWISE.

KEY VALUE	KEYNOTE TEXT
030000.1	CONCRETE SLAB, REFER TO STRUCTURAL DWGS
030000.5	CONCRETE COLUMN, REFER TO STRUCTURAL DRAWINGS
030000.8	CANTILEVERED CONCRETE SLAB, REFER TO STRUCTURAL DRAWINGS
030000.9	CAST SLAB EDGE
030000.10	SLOPED CONCRETE ROOF SLAB, REFER TO STRUCTURAL DRAWINGS
055000.3	6" DIA. STAINLESS STEEL HALF PIPE
055000.5	GALVANIZED STEEL HIGH BAR RAPPPELLING TIE OFF, REFER TO STRUCTURAL DWGS
055000.6	METAL LADDER, SEE SHEET A907
055000.9	BURN SHUTTER
055000.11.1	9'-0" H GALVANIZED POST / WALL RAPPPELLING TIE-OFFS, REFER TO STRUCTURAL DWGS
055000.15	WALL SCUPPER, SEE DETAIL 8/A902
055000.17	GALVANIZED STEEL BENT PLATE COPING
055000.18	GALVANIZED STEEL WALL TIE-OFF PROP, REFER TO STRUCTURAL DWGS
055000.21	RECESSED GALVANIZED STEEL LADDER TIE-OFF, SEE DETAIL 6/A904, TYP.
055000.29	MOCK ELECTRICAL METER (COMMERCIAL), PROVIDE 2" EMPTY WALL MOUNTED CONDUIT TO 6" BELOW GRADE; SEE SHEET A904
055000.30	MOCK GAS METER, SEE SHEET A904
055000.31	MOCK DISCONNECT SWITCH, PROVIDE 2" EMPTY WALL MOUNTED CONDUIT TO 6" BELOW GRADE; SEE SHEET A904
055119.1	2" STD GALVANIZED STEEL GATE, TYP.
055213.1	2" STD GALVANIZED STEEL 42" H PIPERAIL, TYP.
055213.2	2" STD GALVANIZED STEEL GATE, TYP.
081113.1	HOLLOW METAL DOOR & FRAME
081113.4	HOLLOW METAL WINDOW WITH REMOVABLE PANEL; SEE SHEET A903
082000.1	FORCIBLE ENTRY DOOR SIMULATOR
082000.3	STOREFRONT SECURITY DOOR
099600.2	6" FLOOR LEVEL STENCIL
107523.1	WALL MOUNTED WINDSOCK
130000.14	16"X16" WALL OPENING BY CONTRACTOR, EXHAUST FAN BY FIRE PROP VENDOR
265100.1	LIGHTING, REFER TO ELECTRICAL DWGS
265100.2	WALL MOUNTED LIGHT FIXTURE, REFER TO ELECTRICAL DWGS
323119.2	METAL SWINGING PERSON GATE



1 SOUTH ELEVATION  
1/4" = 1'-0"



2 WEST ELEVATION  
1/4" = 1'-0"



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**WORKS**  
ENGINEERING SERVICES

MARY MCGRATH | ARCHITECTS

610 16th STREET, SUITE 219  
OAKLAND, CA 94612  
phone: 510.208.9400  
www.marymcgratharchitects.com



10839 PHILADELPHIA ROAD  
WHITE MARSH, MD 21162  
phone 410.344.1460  
www.mwscarch.com



PROFESSIONAL SEALS

PERMIT APPROVAL STAMP

PERMIT NO C21-777 & C21-778		
NO	REVISION	DATE
2	BID SET	08-21-2023
2	PLAN CHECK RE-SUBMITAL	04-22-2022
11	RFI #16	01-14-2024
16	ASI-002 Rev1	04-24-2024
27	ASI-002 Rev2	12/05/2024

PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER

DRAWN BY	JB	CHECKED BY	GC
CONSULTANT JOB NO	20-126	DATE	08/21/2023
PROJECT TITLE AND ADDRESS			

**VENTURA COUNTY**  
**FIRE TRAINING**  
**CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER	CP23-02
COUNTY PROJECT NUMBER	P6T18021
COUNTY DWG NO	SHEET
SHEET TITLE	BUILDING ELEVATIONS

SHEET NO  
CP23-02  
CCO-18  
B2-A200

BID ADDENDA 1 / CONFORMED





610 16th STREET, SUITE 219  
OAKLAND, CA 94612  
phone: 510.208.9400  
[www.marymcgratharchitects.com](http://www.marymcgratharchitects.com)



PERMIT APPROVAL STAMP

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**PUBLIC WORKS PROJECT MANAGER**

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**CONSULTANT PROJECT MANAGER**

DRAWN BY	CHECKED BY
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CONSULTANT JOB NO.	DATE
--------------------	------

20-126	08/21/2
PROJECT TITLE AND ADDRESS	

**VENTURA COUNTY  
FIRE TRAINING  
CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER  
CP23-02

COUNTY PROJECT NUMBER  
B4T18021

COUNTY DWG NO		SHEET		OF 1
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SHEET TITLE  
BUILDING ELEVATION

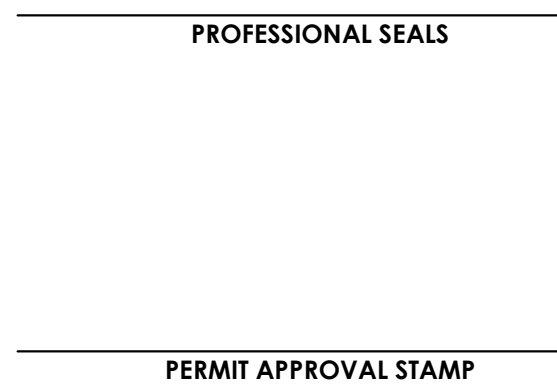
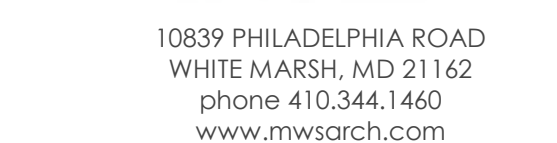
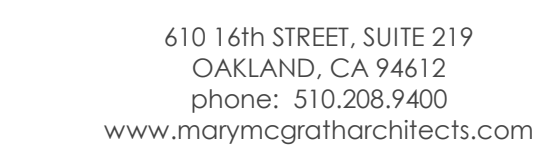
SHEET NO  
CP23-02 B2-A201  
CCO-18



KEY VALUE	KEYNOTE TEXT
030000.1	CONCRETE SLAB, REFER TO STRUCTURAL DWGS
030000.5	CONCRETE COLUMN, REFER TO STRUCTURAL DRAWINGS
030000.6	CONCRETE BEAM, REFER TO STRUCTURAL DRAWINGS
030000.8	CANTILEVERED CONCRETE SLAB, REFER TO STRUCTURAL DRAWINGS
030000.10	SLOPED CONCRETE ROOF SLAB, REFER TO STRUCTURAL DRAWINGS
050000.3	6" DI. STAINLESS STEEL HALF PIPE
050000.5	GALVANIZED STEEL HIGH BAR RAPPELLING TIE, REFER TO STRUCTURAL DWGS
050000.9	BURN SHUTTER
050000.11.1	9" O' GALVANIZED POST / WALL RAPPELLING TIE-OFF, REFER TO STRUCTURAL DWGS
050000.12	MOCK ELECTRICAL CABINETS; SEE SHEET A904
050000.13	MOCK WALL CABINET; SEE SHEET A904
050000.15	WALL SCUPPER; SEE DETAIL 8/A902
050000.17	GALVANIZED STEEL BENT PLATE COPING
050000.18	GALVANIZED STEEL WALL TIE-OFF PROF, REFER TO STRUCTURAL DWGS
050000.19	MOCK R.T.U. / RAPPELLING TIE-OFF, REFER TO STRUCTURAL DWGS
050000.21	RECESSED GALVANIZED STEEL LADDER TIE-OFF; SEE DETAIL 8/A904, TYP
050000.30	MOCK GAS METER; SEE SHEET A904
050000.31	MOCK DISCONNECT SWITCH, PROVIDE 2" EMPTY WALL MOUNTED CONDUIT TO 6" BELOW GRADE; SEE SHEET A904
051119.1	GALVANIZED STEEL GRATE STAIR, TYP
051231.1	2" STD GALVANIZED STEEL 42" H PIPERAIL, TYP
051231.2	2" STD GALVANIZED STEEL GATE, TYP
061600.1	ROOF CHOP OUT PANEL - 2'X4'; SEE SHEET A904
070700.1	THERMAL LINING SYSTEM WALL PANELS
081113.1	HOLLOW METAL DOOR & FRAME
081113.4	HOLLOW METAL WALL PANEL WITH REMOVABLE PANEL; SEE SHEET A903
090600.2	6" FLOOR LEVEL STENCIL
107523.1	WALL MOUNTED WINDSCOCK
130000.14	16'X16" WALL OPENING BY CONTRACTOR, EXHAUST BY FIRE PROP VENDOR
265100.1	LIGHTING, REFER TO ELECTRICAL DWGS
32119.12	METAL SWINGING PERSON GATE

BID ADDENDA 1 / CONFORMED



PUBLIC WORKS PROJECT MANAGER

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**CONSULTANT PROJECT MANAGER**

DRAWN BY	CHECKED BY
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CONSULTANT JOB NO	DATE
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20120	05/21/2
PROJECT TITLE AND ADDRESS	

**VENTURA COUNTY  
FIRE TRAINING  
CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER  
CP23-02

COUNTY PROJECT NUMBER  
P6T18021

COUNTY DWG NO	SHEET	OF 1
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**SHEET TITLE**  
BUILDING ELEVATIONS

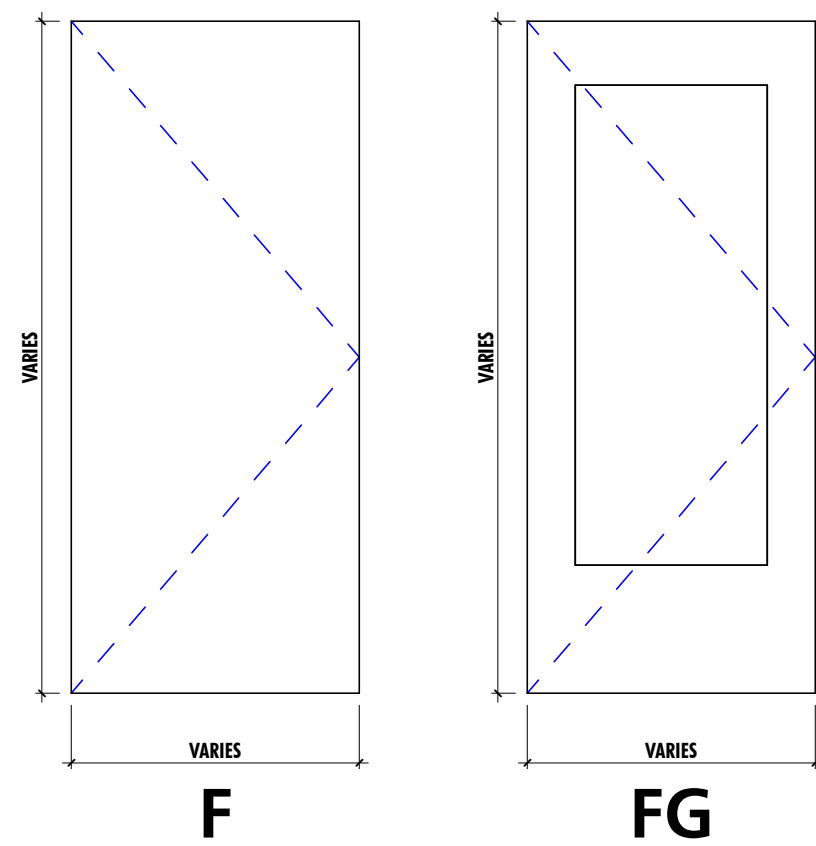
**SHEET N**  
**CP23-02**  
**CCO-18**



KEY VALUE	KEYNOTE TEXT
030000.1	CONCRETE SLAB, REFER TO STRUCTURAL DWGS
030000.6	CONCRETE BEAM, REFER TO STRUCTURAL DRAWINGS
030000.9	CAST SLAB EDGE
030000.10	LOPED CONCRETE ROOF SLAB, REFER TO STRUCTURAL DRAWINGS
050000.3	1" DI. SCH. 40S STEEL HALF PIPE
050000.5	GALVANIZED STEEL HANG BAR RAPPELLING TIE OFF, REFER TO STRUCTURAL DWGS
050000.8	BURN DOOR
050000.12	MOCK ELECTRICAL CABINETS; SEE SHEET A904
050000.13	MOCK VALVE CABINET; SEE SHEET A904
050000.15	WALL SCUPPER; SEE DETAIL A/902
050000.16	GALVANIZED STEEL RENT PLATE FOR MOCK ROOK R T1 RAPPELLING TIE OFF, REFER TO STRUCTURAL DWGS
050000.21	RECESSED GALVANIZED STEEL LADDER TIE-ON; SEE DETAIL G/A904, TYP
050000.29	MOCK ELECTRICAL METER (COMMERCIAL), PROVIDE 2" EMPTY WALL MOUNTED CONDUIT TO 6" BELOW GRADE; SEE SHEET A904
050000.30	MOS GAS METER; SEE SHEET A904
052212.1	2" STD GALVANIZED STEEL 42" H PIPE, TYP
052213.1	2" STD GALVANIZED STEEL GAS, TYP
081113.1	HOLLOW METAL DOOR & FRAME
081113.4	HOLLOW METAL WINDOW WITH REMOVABLE PANEL; SEE SHEET A903
090600.2	6" FLOOR LEVEL SENCING
130000.14	16X16" WALL OPENING BY CONTRACTOR, EXHAUST FAN BY FIRE PROP VENDOR
265000.2	WALL MOUNTED LIGHT FIXTURE, REFER TO ELECTRICAL DWGS



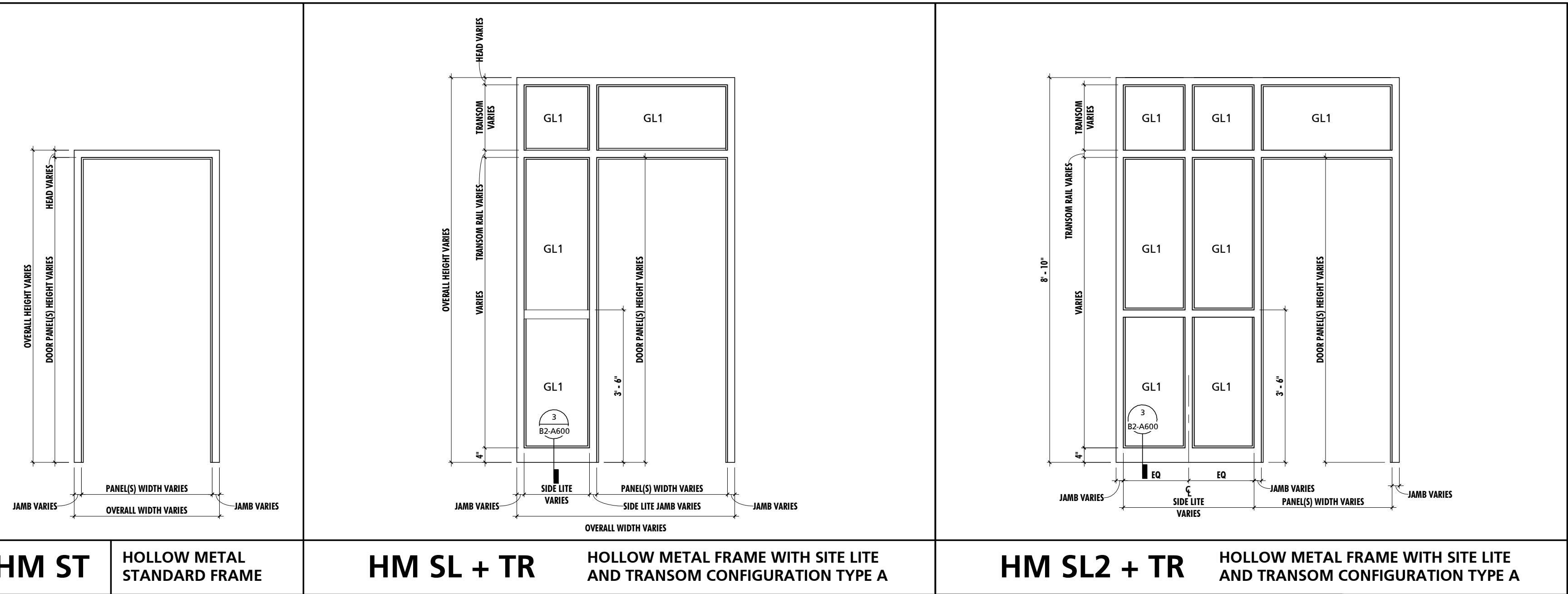
SCHEDULE - DOOR																									
MARK	SIZE	DOOR PANEL			FINISH	FRAME TYPE	SIZE SUMMARY			FRAME			FRAME PROFILE SUMMARY			SIDE LITE		FRAME		GLAZING		DETAILS		HARDWARE SET	COMMENTS
		THICKNESS	MATERIAL				OVERALL HEIGHT	OVERALL WIDTH	DEPTH	THROAT	HEAD	JAMB	MATERIAL	FINISH	THICKNESS	TYPE	HEAD	JAMB							
100A	3'-0" x 7'-0"	PANEL : FG	1 3/4"	HM STL	HPC	HM SL2+TR	8'-5"	9'-0"	5 7/8"	4 7/8"	4"	2"	5'-6"	HM STL	HPC	1"	GL1	H3	J3	B2-3					
100B	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
100C	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
100D	3'-0" x 7'-0"	PANEL : FG	1 3/4"	HM STL	HPC	HM SL2+TR	8'-5"	9'-0"	5 7/8"	4 7/8"	4"	2"	5'-6"	HM STL	HPC	1"	GL1	H3	J3	B2-3					
101A	3'-0" x 7'-0"	PANEL : FG	1 3/4"	HM STL	HPC	HM SL2+TR	8'-5"	9'-0"	5 7/8"	4 7/8"	4"	2"	5'-6"	HM STL	HPC	1"	GL1	H3	J3	B2-3					
101A1	(2) 3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	6'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3	DOUBLE ACTING				
101A2	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
101B	3'-0" x 7'-0"	PANEL : FG	1 3/4"	HM STL	HPC	HM SL2+TR	8'-5"	9'-0"	5 7/8"	4 7/8"	4"	2"	5'-6"	HM STL	HPC	1"	GL1	H3	J3	B2-3					
101B1	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-2	NOT FOR TRAINING" PAINTED ON EXTERIOR				
101C	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
102A	(2) 3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	6'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-4					
102B	3'-0" x 7'-0"	PANEL : FG	1 3/4"	HM STL	HPC	HM SL2+TR	8'-5"	11'-0"	5 7/8"	4 7/8"	4"	2"	7'-6"	HM STL	HPC	1"	GL1	H3	J3	B2-3					
102C	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM SL2+TR	8'-5"	11'-0"	5 7/8"	4 7/8"	4"	2"	7'-6"	HM STL	HPC	1"	GL1	H3	J3	B2-3					
102D	3'-0" x 7'-0"	PANEL : FG	1 3/4"	HM STL	HPC	HM SL2+TR	8'-8"	8'-0"	5 7/8"	4 7/8"	4"	2"	4'-6"	HM STL	HPC	1"	GL1	H3	J3	B2-3					
102E	3'-0" x 7'-0"	PANEL : FG	1 3/4"	HM STL	HPC	HM SL+TR	8'-6"	8'-0"	5 7/8"	4 7/8"	4"	2"	1'-6"	HM STL	HPC	1"	GL1	H3	J3	B2-4					
102F	3'-0" x 7'-0"	PANEL : FG	1 3/4"	HM STL	HPC	HM SL+TR	8'-8"	7'-8"	5 7/8"	4 7/8"	4"	2"	1'-2"	HM STL	HPC	1"	GL1	H3	J3	B2-4					
103A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
103B	FORCIBLE ENTRY DOOR																					FORCIBLE ENTRY DOOR			
104A	FORCIBLE ENTRY DOOR																					FORCIBLE ENTRY DOOR			
104B	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
104C	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
105A	(2) 3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	6'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-1	NOT FOR TRAINING" PAINTED ON EXTERIOR				
106A	BURN DOOR																					BURN DOOR			
107A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
107B	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
107C	2'-6" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	2'-10"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-2	NOT FOR TRAINING" PAINTED ON EXTERIOR				
108A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
110A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
111A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
200A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
200A1	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-2	NOT FOR TRAINING" PAINTED ON EXTERIOR				
200B	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
201A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
201B	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
201C	BURN DOOR																					BURN DOOR			
202A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
202C	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
203A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
203A1	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-2	NOT FOR TRAINING" PAINTED ON EXTERIOR				
203B	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
204A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
204B	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
204C	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
205A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
205B	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
205C	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-2	NOT FOR TRAINING" PAINTED ON EXTERIOR				
206A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-5					
300A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
301A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-2	NOT FOR TRAINING" PAINTED ON EXTERIOR				
ST11-A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
ST11-B	FORCIBLE ENTRY DOOR																					FORCIBLE ENTRY DOOR			
ST11-2A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
ST2-1A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
ST2-1B	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
ST2-2A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					
ST2-3A	3'-0" x 7'-0"	PANEL : F	1 3/4"	HM STL	HPC	HM ST	7'-4"	3'-4"	5 7/8"	4 7/8"	4"	2"	0'-0"	HM STL	HPC	0"	--	H1	J1	B2-3					



- SEE DOOR SCHEDULE FOR ACTUAL PANEL DIMENSIONS.
- NOT ALL PANEL TYPES MAY BE USED IN THIS PROJECT. SEE DOOR SCHEDULE.
- DIMENSIONS FOR GLAZING INDICATED SHALL CONSTITUTE THE FULL GLAZING WIDTH.

## DOOR PANEL TYPES

1/2" = 1'-0"



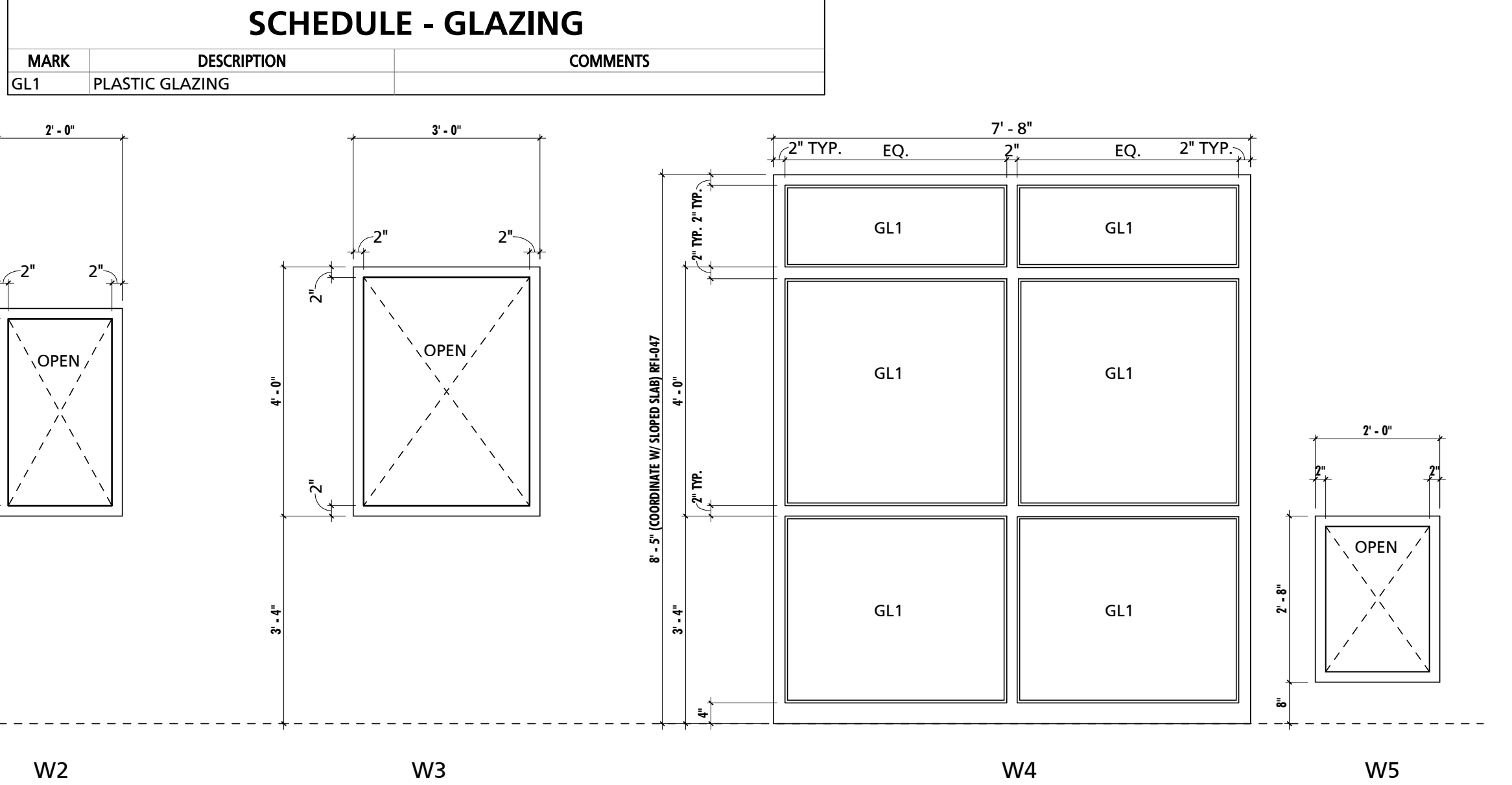
- SEE DOOR SCHEDULE FOR FRAME DIMENSION VARIABLES

## FRAME TYPES

1/2" = 1'-0"

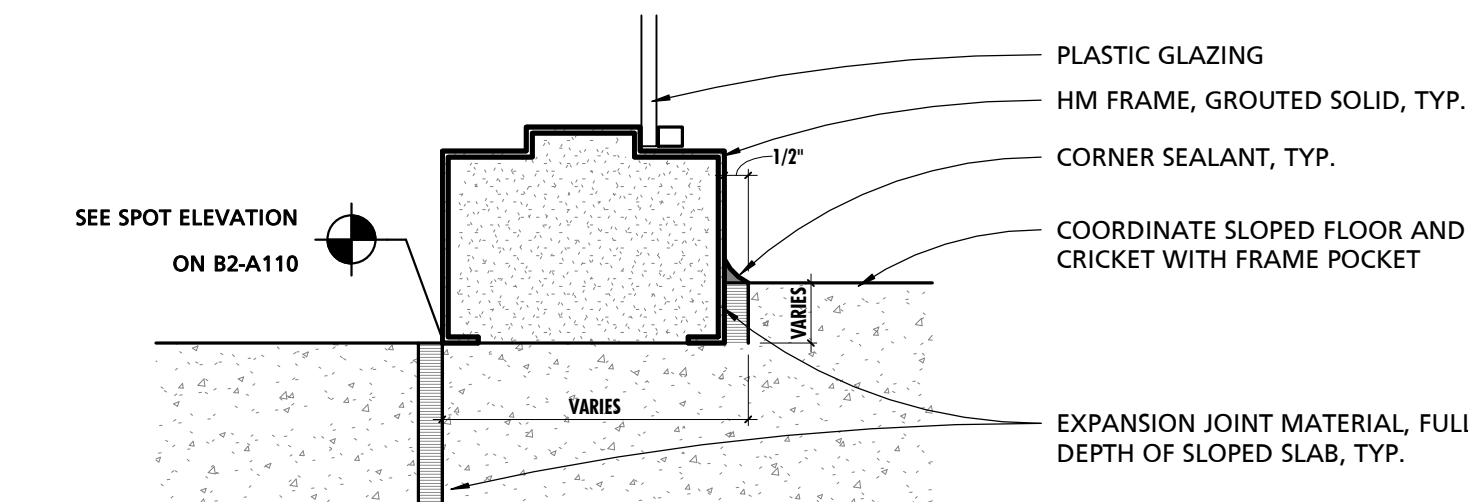
GENERAL DOOR NOTES	
NOTE #	NOTE
1	SEE PARTITION SCHEDULE, FLOOR PLAN, AND STRUCTURAL DRAWINGS FOR CONSTRUCTION OF WALLS AND PARTITIONS.
2	DETAILS MAY VARY AT EACH DOOR. VERIFY EACH CONDITION IN FIELD.
3	SEE A900 SERIES FOR BURN DOOR DETAILS
4	RAISE BURN DOOR UP TO THE NEXT COURSE OF BLOCK WHERE DOOR UNDERCUT IS 8" OR MORE
5	PROVIDE FORCIBLE ENTRY DOORS: BASIS OF DESIGN CATALYST FORCE ENTRY DOOR - DIRECT MOUNT AS MANUFACTURED BY FORCIBLE ENTRY INC. OR APPROVED EQUAL. COORDINATE MASONRY OPENING WITH MANUFACTURER REQUIREMENTS
6	ALL EXTERIOR TRAINING DOORS TO HAVE AN EXTERIOR MOUNTED HINGE PULLING / CUTTING PROP MOUNTED ADJACENT TO DOORS. FINAL LOCATION TO BE DETERMINED IN FIELD PRIOR TO INSTALLATION. BASIS OF DESIGN AS MANUFACTURED BY FORCIBLE ENTRY INC. OR APPROVED EQUAL.

SCHEDULE - WINDOWS									
TYPE MARK	OPERATION	WIDTH	HEIGHT	SILL HEIGHT	HEAD	JAMB	REMARKS		
FS-1	FIRE SHUTTER	2'-8"	4'-0"				SEE A903 FOR DETAILS		
W2	FIXED	2'-0"	3'-4"				SEE A903 FOR DETAILS		
W3	FIXED	3'-0"	4'-0"				SEE A903 FOR DETAILS		
W4	FIXED	7'-8"	8'-10"				SEE A903 FOR DETAILS		
W5	FIXED	2'-0"	0'-8"				SEE A903 FOR DETAILS		



## WINDOW TYPES

1/2" = 1'-0"







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PROFESSIONAL SEALS

PERMIT APPROVAL STAMP

PERMIT NO C21-777 & C21-778		
NO	REVISION	DATE
13	BID SET	08-21-2023
14	ASI-002 Rev1	02-14-2024
20	RFI #104 / 105	04-24-2024
26	RFI #184	07-24-2024
27	ASI-002 Rev2	11/27/2024
		12/05/2024

PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER

DRAWN BY JB CHECKED BY GC

CONSULTANT JOB NO 20-126 DATE 08/21/2023

PROJECT TITLE AND ADDRESS

**VENTURA COUNTY**  
**FIRE TRAINING**  
**CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

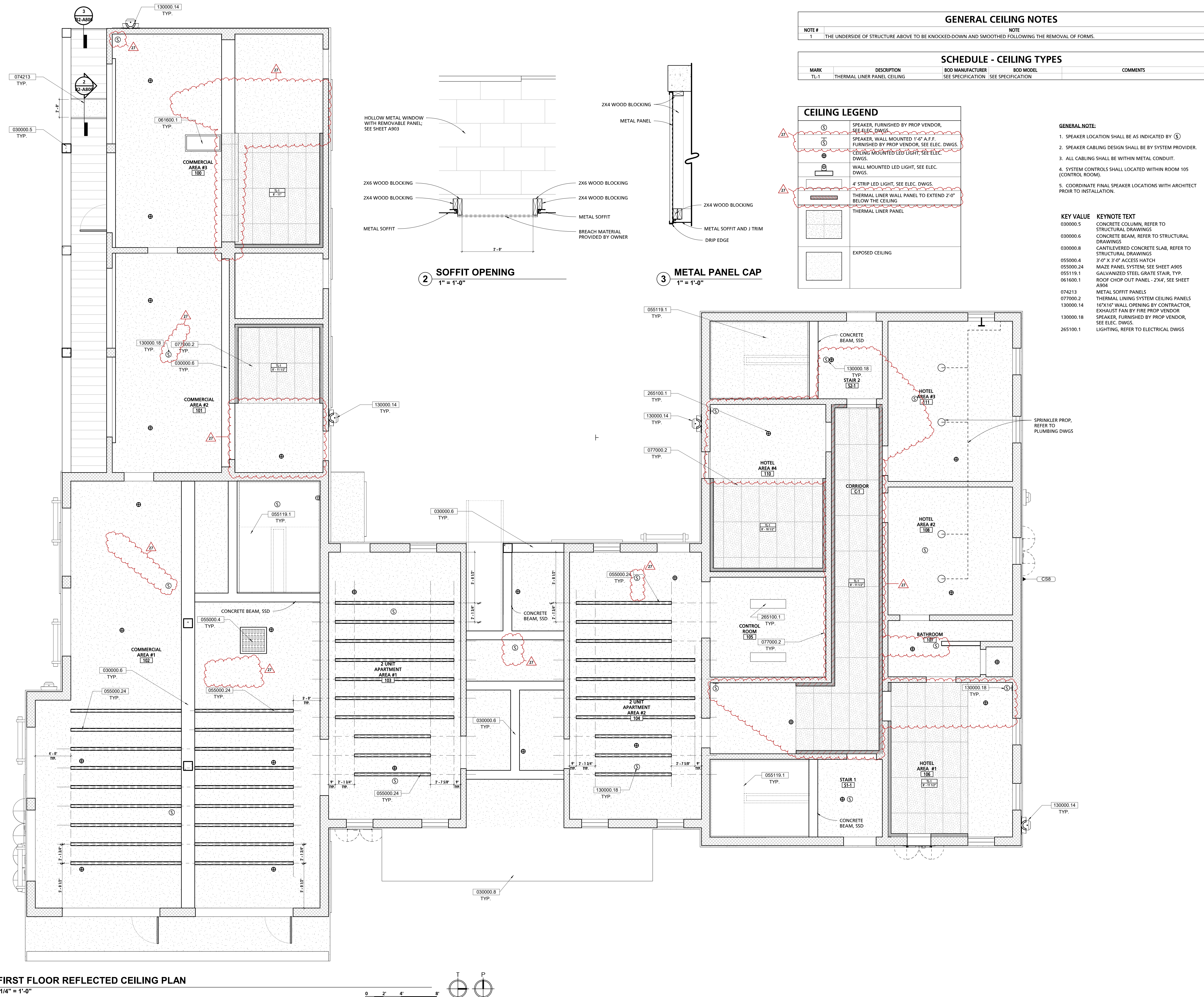
COUNTY SPEC NUMBER  
CP23-02

COUNTY PROJECT NUMBER  
P6T18021

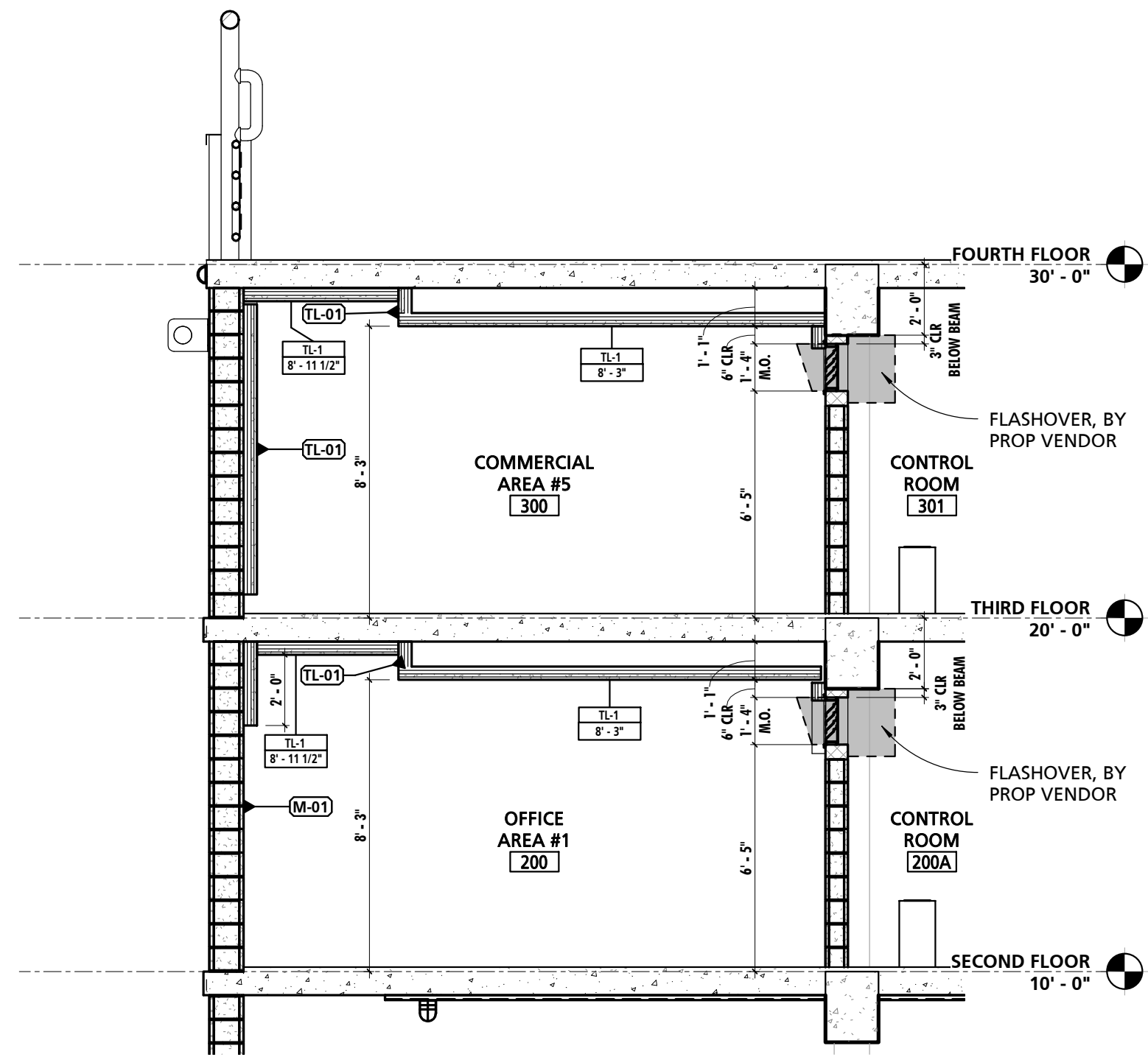
COUNTY DWG NO SHEET of 123

SHEET TITLE  
REFLECTED CEILING PLAN  
- FIRST FLOOR PLAN

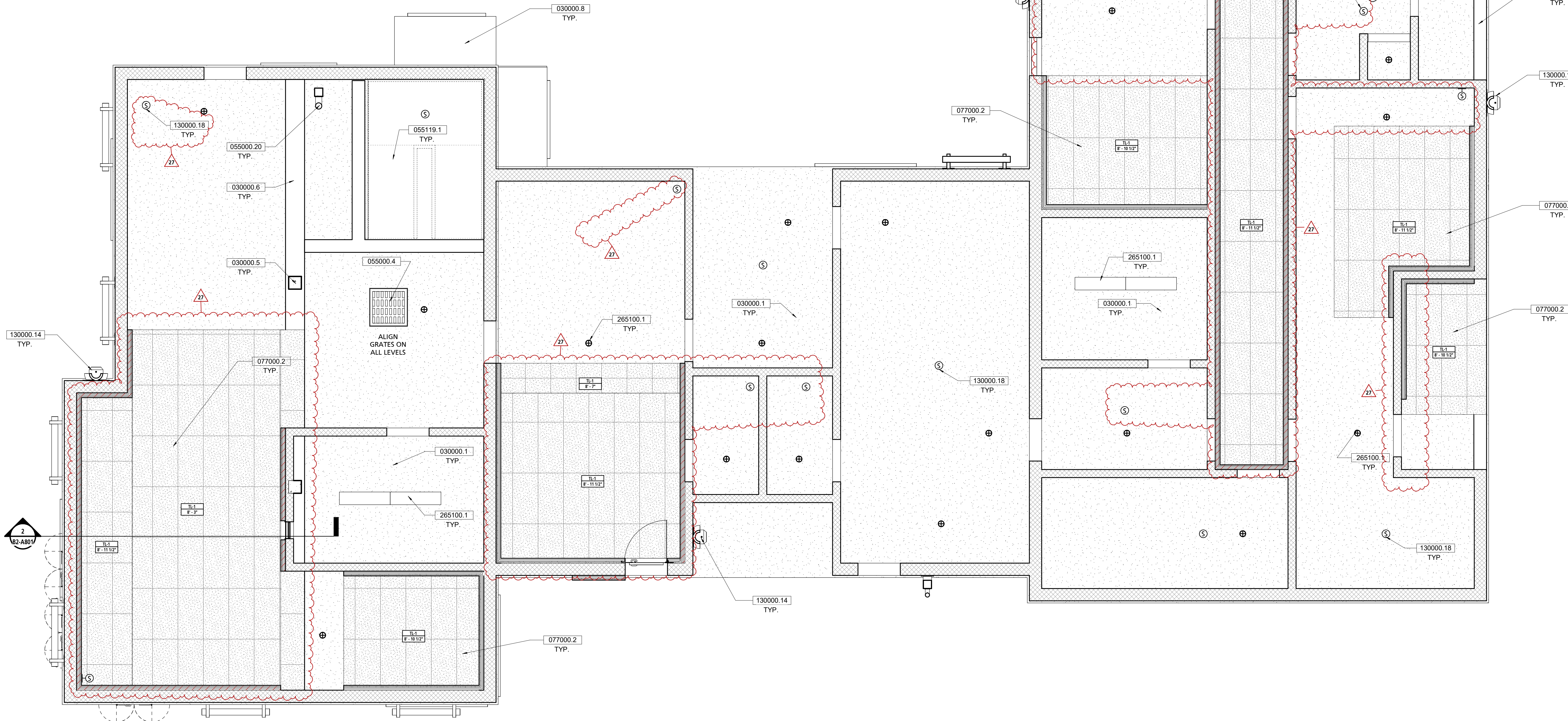
SHEET NO  
CP23-02  
CCO-18 B2-A800







2 SECTION - OFFICE AREA #1 (200) & COMMERCIAL AREA #5 (300)  
1/4" = 1'-0"



1 SECOND FLOOR REFLECTED CEILING PLAN  
1/4" = 1'-0"

GENERAL CEILING NOTES	
NOTE #	NOTE
1	THE UNDERSIDE OF STRUCTURE ABOVE TO BE KNOCKED-DOWN AND SMOOTHED FOLLOWING THE REMOVAL OF FORMS.

SCHEDULE - CEILING TYPES				
MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	COMMENTS
TL-1	THERMAL LINER PANEL CEILING	SEE SPECIFICATION	SEE SPECIFICATION	

CEILING LEGEND	
	SPEAKER, FURNISHED BY PROP VENDOR, SEE ELEC DWGS.
	SPEAKER, WALL MOUNTED 1'-6" A.F.F. FURNISHED BY PROP VENDOR, SEE ELEC. DWGS.
	WALL MOUNTED LED LIGHT, SEE ELEC. DWGS.
	4' STRIP LED LIGHT, SEE ELEC. DWGS.
	THERMAL LINER WALL PANEL TO EXTEND 2'-0" BELOW THE CEILING
	THERMAL LINER PANEL
	EXPOSED CEILING

- GENERAL NOTE:**
- SPEAKER LOCATION SHALL BE AS INDICATED BY (S).
  - SPEAKER CABLING DESIGN SHALL BE BY SYSTEM PROVIDER.
  - ALL CABLING SHALL BE WITHIN METAL CONDUIT.
  - SYSTEM CONTROLS SHALL LOCATED WITHIN ROOM 105 (CONTROL ROOM).
  - COORDINATE FINAL SPEAKER LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

KEY VALUE	KEYNOTE TEXT
030000.1	CONCRETE SLAB, REFER TO STRUCTURAL DWGS
030000.5	CONCRETE COLUMN, REFER TO STRUCTURAL DRAWINGS
030000.6	CONCRETE BEAM, REFER TO STRUCTURAL DRAWINGS
030000.8	CANTILEVERED CONCRETE SLAB, REFER TO STRUCTURAL DRAWINGS
055000.4	3'0" X 3'0" ACCESS HATCH
055000.20	GALVANIZED STEEL COLUMN TIE-OFF; REFER TO STRUCTURAL DWGS
055119.1	GALVANIZED STEEL GRATE STAIR, TYP.
077000.2	THERMAL LINING SYSTEM CEILING PANELS
130000.14	16'X16' WALL OPENING BY CONTRACTOR, EXHAUST FAN BY FIRE PROP VENDOR
130000.18	SPEAKER, FURNISHED BY PROP VENDOR, SEE ELEC. DWGS.
265100.1	LIGHTING, REFER TO ELECTRICAL DWGS



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26	RFI #184	11/27/2024
27	ASI-002_Rev2	12/05/2024

PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER

DRAWN BY JB CHECKED BY GC

CONSULTANT JOB NO. 20-126 DATE 08/21/2023

PROJECT TITLE AND ADDRESS

**VENTURA COUNTY FIRE TRAINING CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER CP23-02

COUNTY PROJECT NUMBER P6T18021

COUNTY DWG NO SHEET 20 of 123

SHEET TITLE  
REFLECTED CEILING PLAN  
- SECOND FLOOR PLAN

SHEET NO  
CP23-02  
CCO-18  
B2-A801





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PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER

DRAWN BY	JB	CHECKED BY	GC
CONSULTANT JOB NO	20-126	DATE	08/21/2023

PROJECT TITLE AND ADDRESS

**VENTURA COUNTY**  
**FIRE TRAINING**  
**CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER  
CP23-02  
COUNTY PROJECT NUMBER  
P6T18021  
COUNTY DWG NO  
SHEET  
of 123

SHEET TITLE  
REFLECTED CEILING PLAN  
- THIRD FLOOR PLAN

SHEET NO

CP23-02  
CCO-18  
B2-A802

**GENERAL CEILING NOTES**

NOTE #	NOTE
1	THE UNDERSIDE OF STRUCTURE ABOVE TO BE KNOCKED-DOWN AND SMOOTHED FOLLOWING THE REMOVAL OF FORMS.

**SCHEDULE - CEILING TYPES**

MARK	DESCRIPTION	ROD MANUFACTURER	ROD MODEL	COMMENTS
TL-1	THERMAL LINER PANEL CEILING	SEE SPECIFICATION	SEE SPECIFICATION	

**CEILING LEGEND**

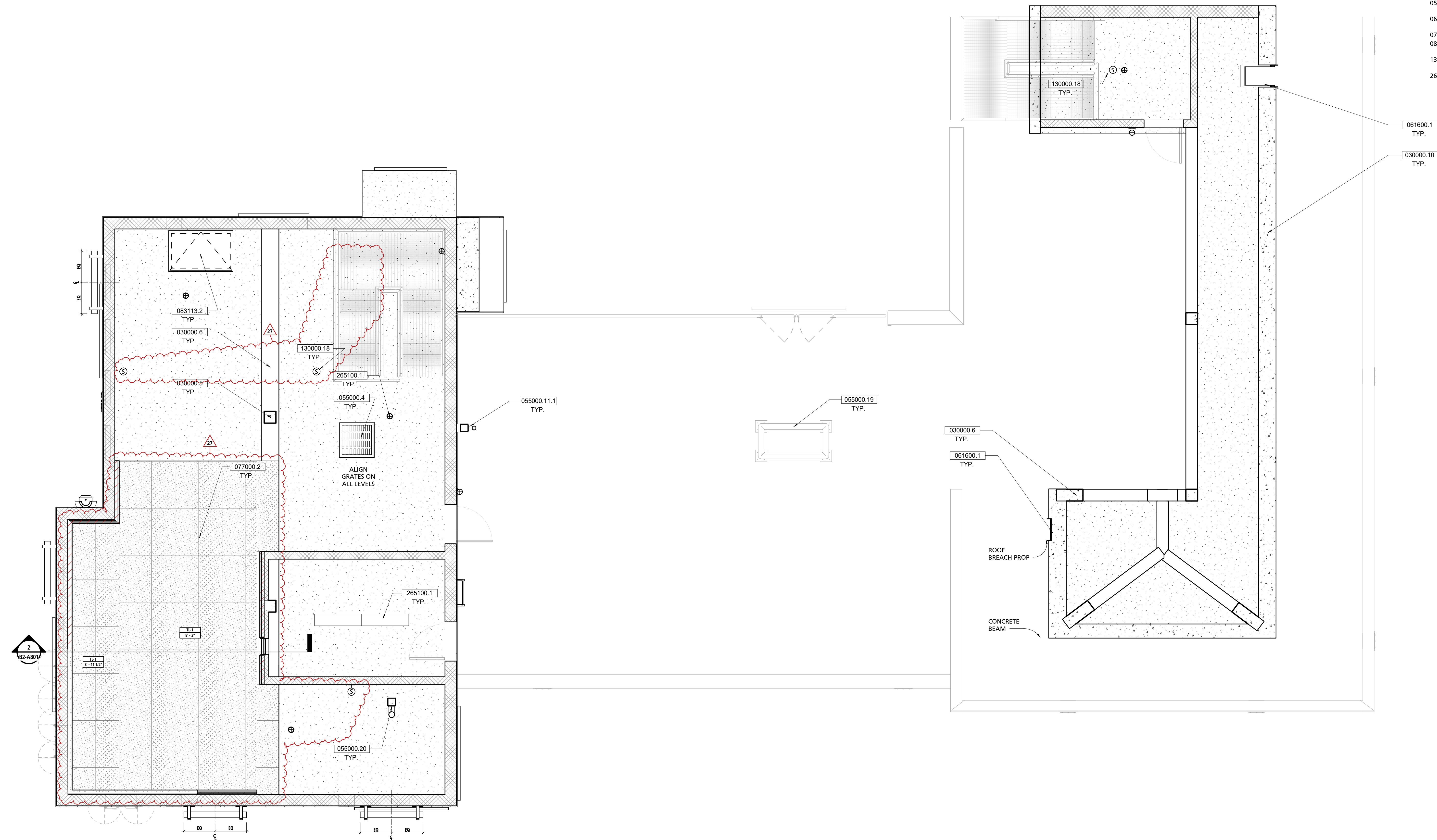
⑤	SPEAKER, FURNISHED BY PROP VENDOR, SEE ELEC. DWGS.
Ⓢ	SPEAKER, WALL MOUNTED 1'-6" A.F.F. FURNISHED BY PROP VENDOR, SEE ELEC. DWGS.
Ⓢ	CEILING MOUNTED LED LIGHT, SEE ELEC. DWGS.
Ⓢ	WALL MOUNTED LED LIGHT, SEE ELEC. DWGS.
4'	4' STRIP LED LIGHT, SEE ELEC. DWGS.
⑤	THERMAL LINER WALL PANEL TO EXTEND 2'-0" BELOW THE CEILING
⑤	THERMAL LINER PANEL
	EXPOSED CEILING

**GENERAL NOTE:**

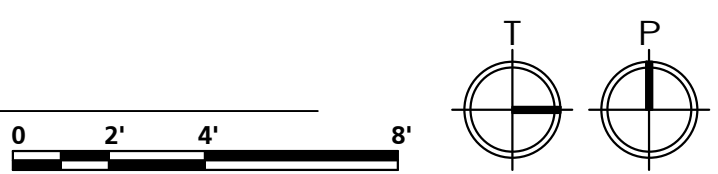
1. SPEAKER LOCATION SHALL BE AS INDICATED BY ⑤
2. SPEAKER CABLING DESIGN SHALL BE BY SYSTEM PROVIDER.
3. ALL CABLING SHALL BE WITHIN METAL CONDUIT.
4. SYSTEM CONTROLS SHALL LOCATED WITHIN ROOM 105 (CONTROL ROOM).
5. COORDINATE FINAL SPEAKER LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

**KEY VALUE**

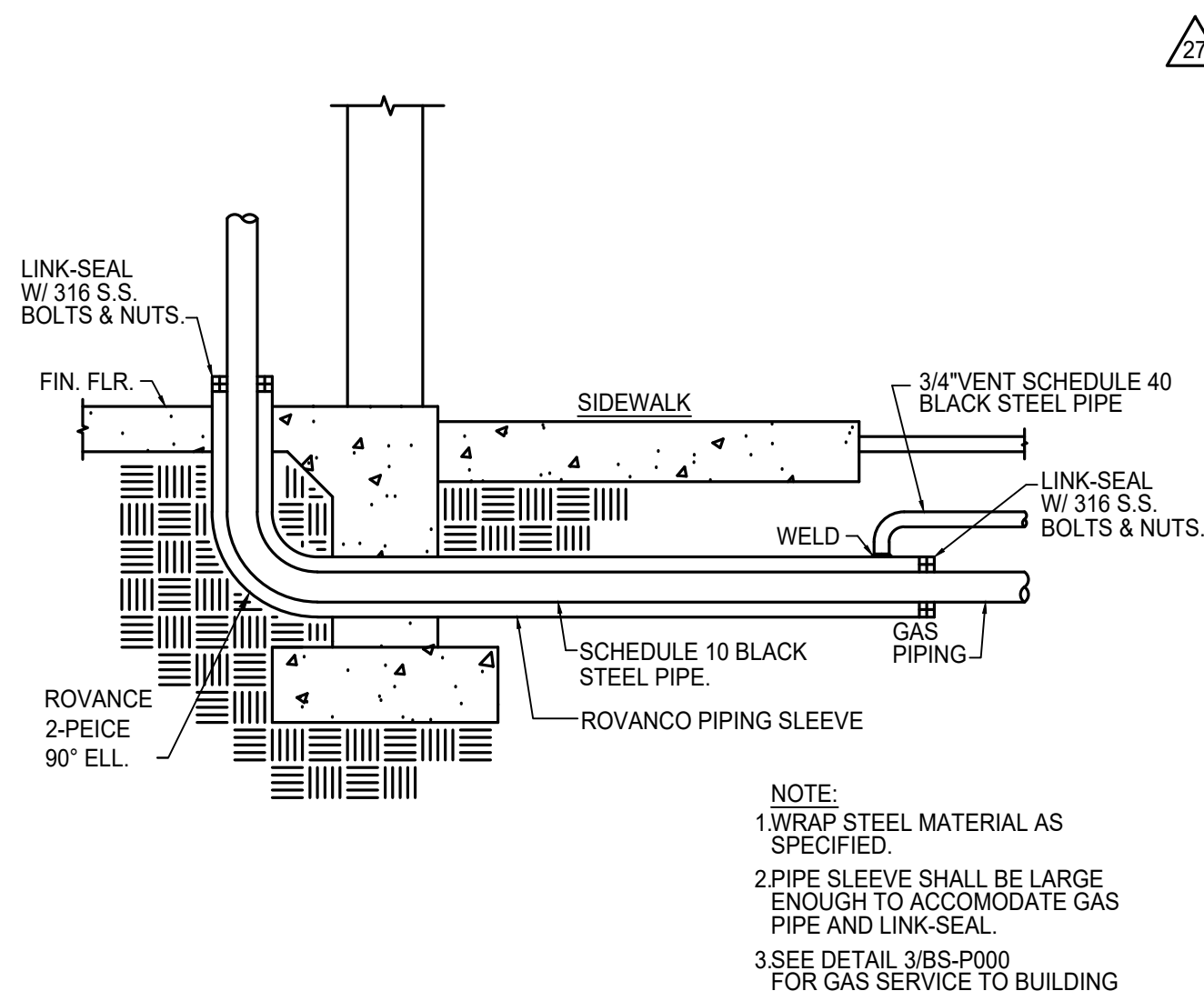
KEYNOTE TEXT
030000.5 CONCRETE COLUMN, REFER TO STRUCTURAL DRAWINGS
030000.6 CONCRETE BEAM, REFER TO STRUCTURAL DRAWINGS
030000.10 SLOPED CONCRETE ROOF SLAB, REFER TO STRUCTURAL DRAWINGS
055000.4 3'-0" X 3'-0" ACCESS HATCH
055000.11.1 9'-0" H GALVANIZED POST / WALL RAPPELLING TIE-OFFS, REFER TO STRUCTURAL DWGS
055000.19 MOCK R.T.U. RAPPELLING TIE-OFF, REFER TO STRUCTURAL DWGS
055000.20 GALVANIZED STEEL COLUMN TIE-OFF, REFER TO STRUCTURAL DWGS
061600.1 ROOF CHOP OUT PANEL - 2'X4', SEE SHEET A904
077000.2 THERMAL LINING SYSTEM CEILING PANELS
083113.2 EXTERIOR STEEL FLOOR ACCESS DOOR AND FRAME (36"X60")
130000.18 SPEAKER, FURNISHED BY PROP VENDOR, SEE ELEC. DWGS.
265100.1 LIGHTING, REFER TO ELECTRICAL DWGS



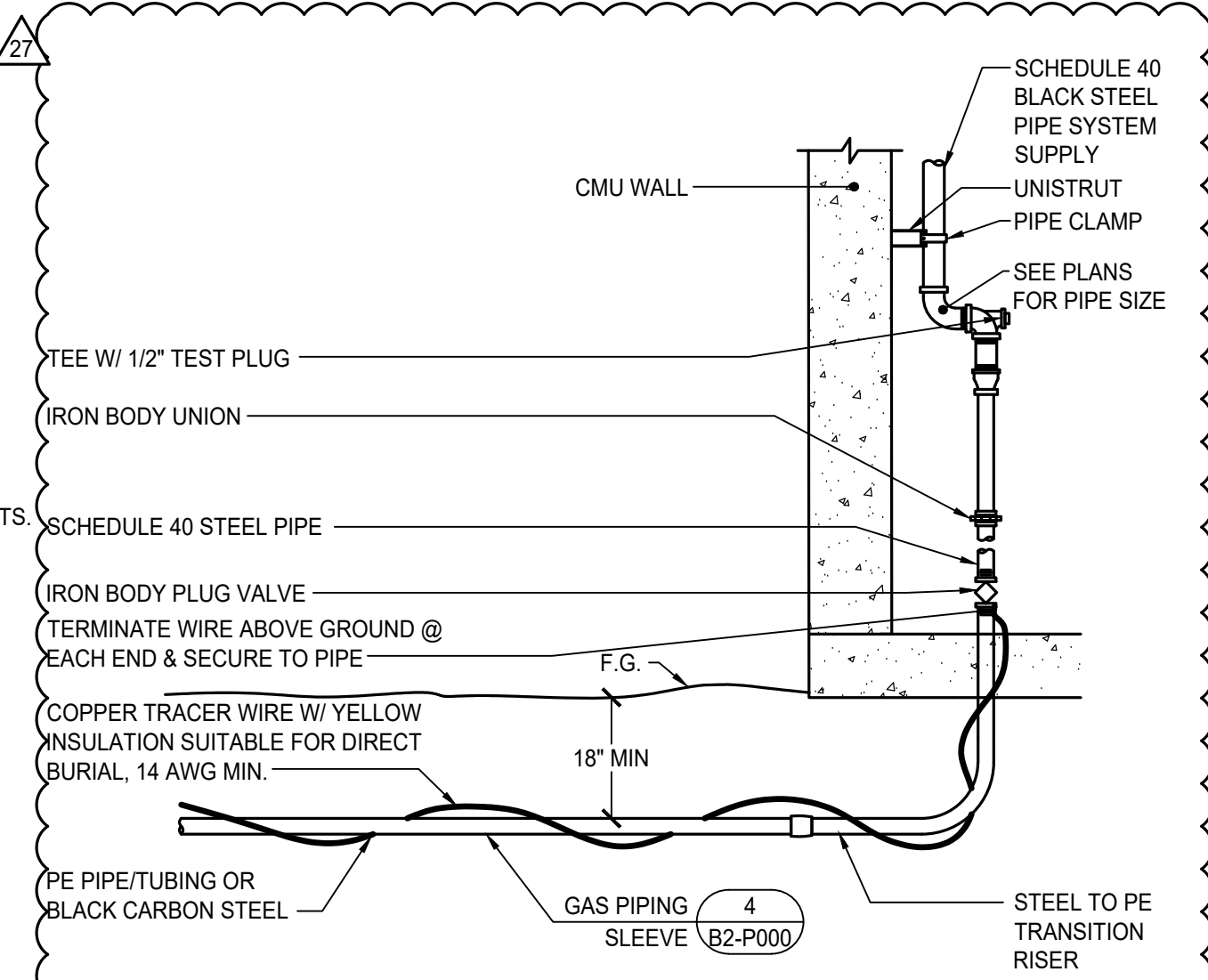
**1 THIRD FLOOR REFLECTED CEILING PLAN**  
1/4" = 1'-0"



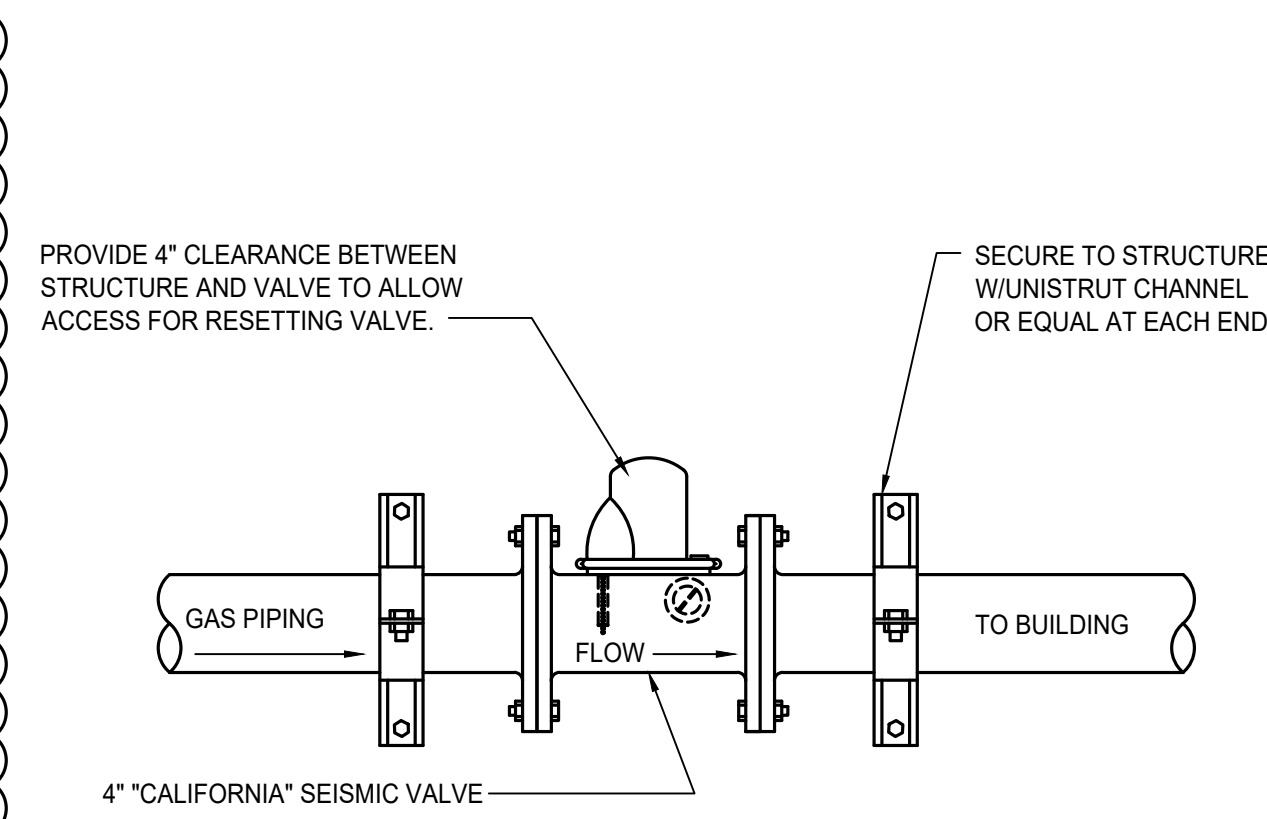




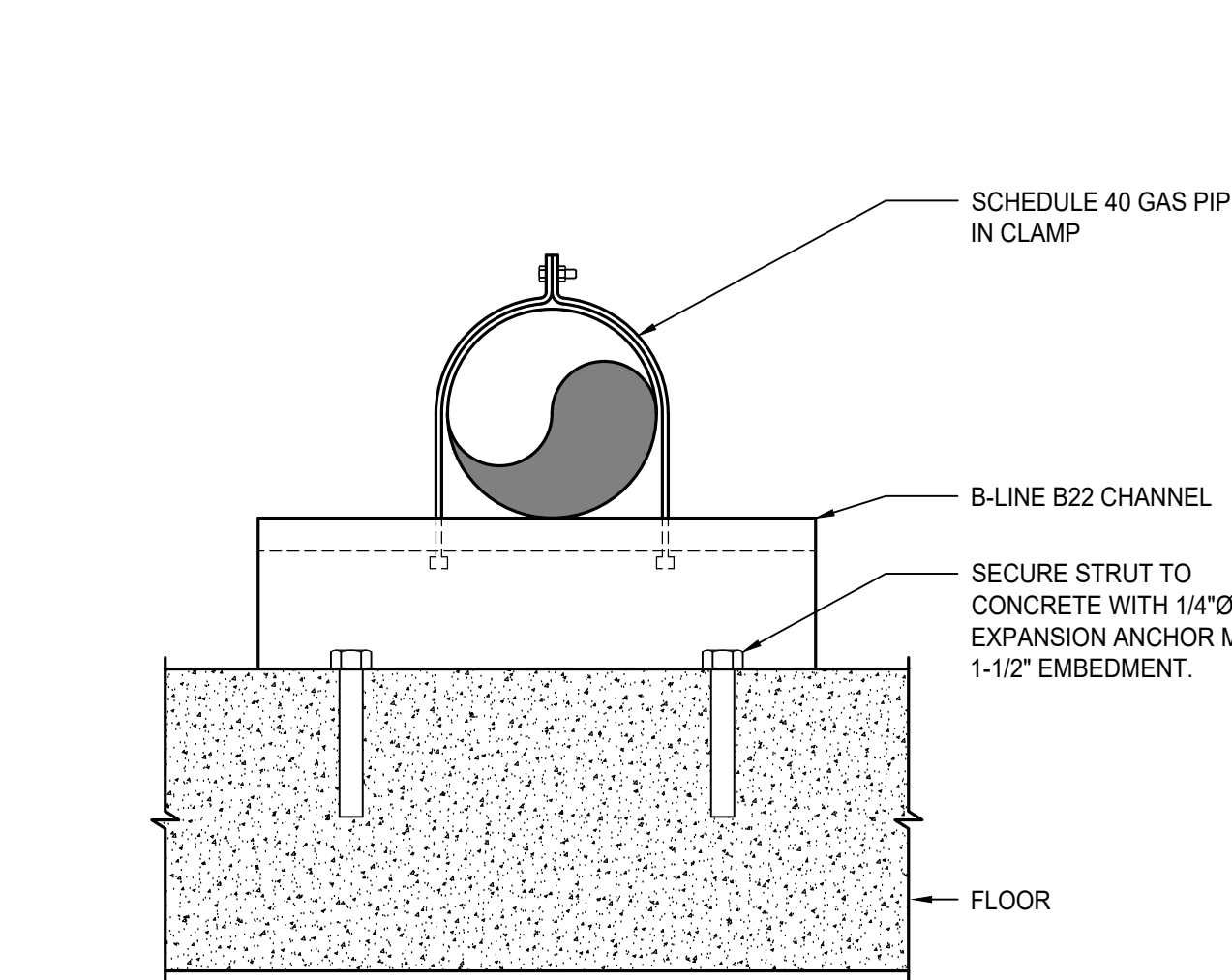
4 GAS PIPING SLEEVE  
NTS



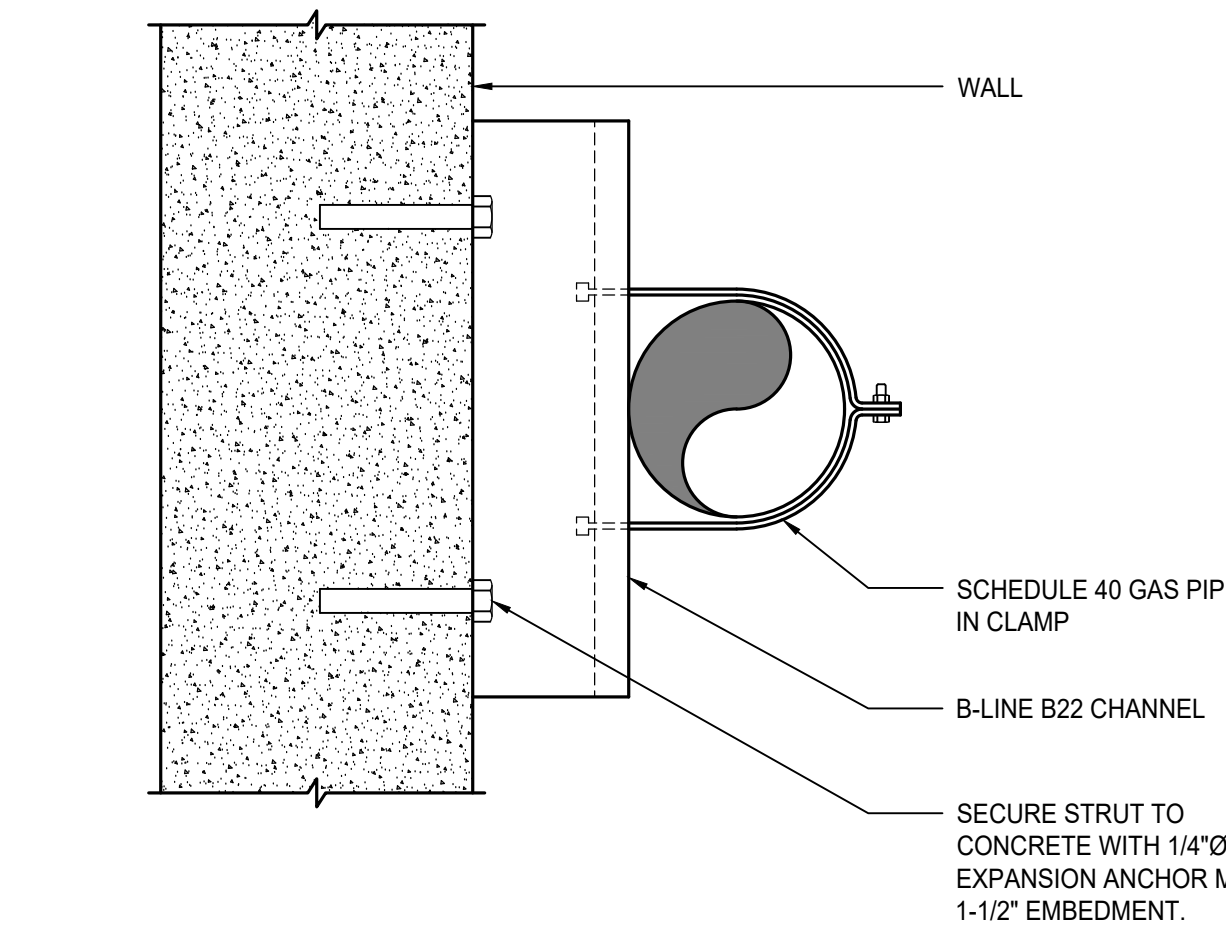
3 GAS SERVICE TO BUILDING  
NTS



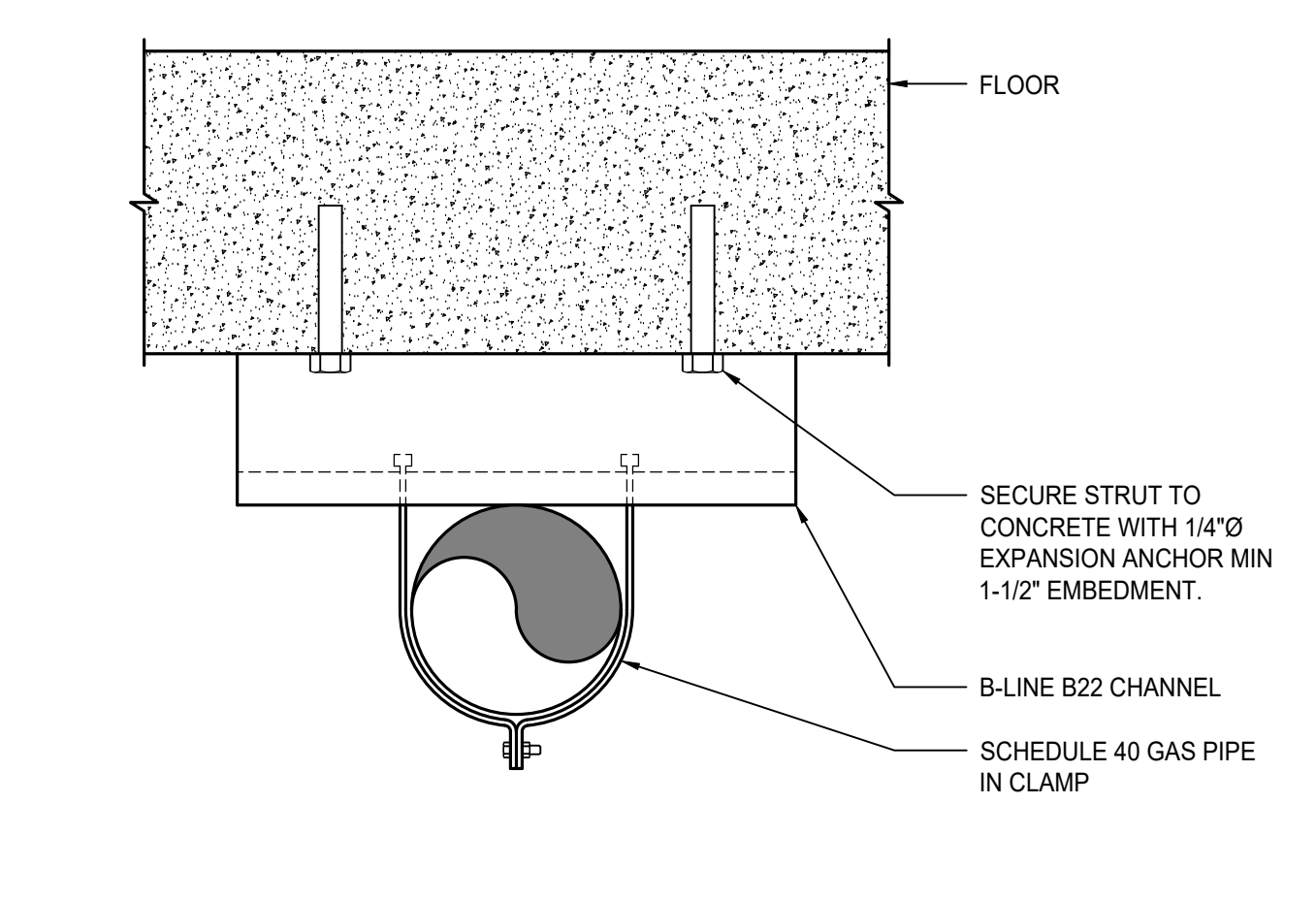
2 SEISMIC SHUT OFF VALVE  
NTS



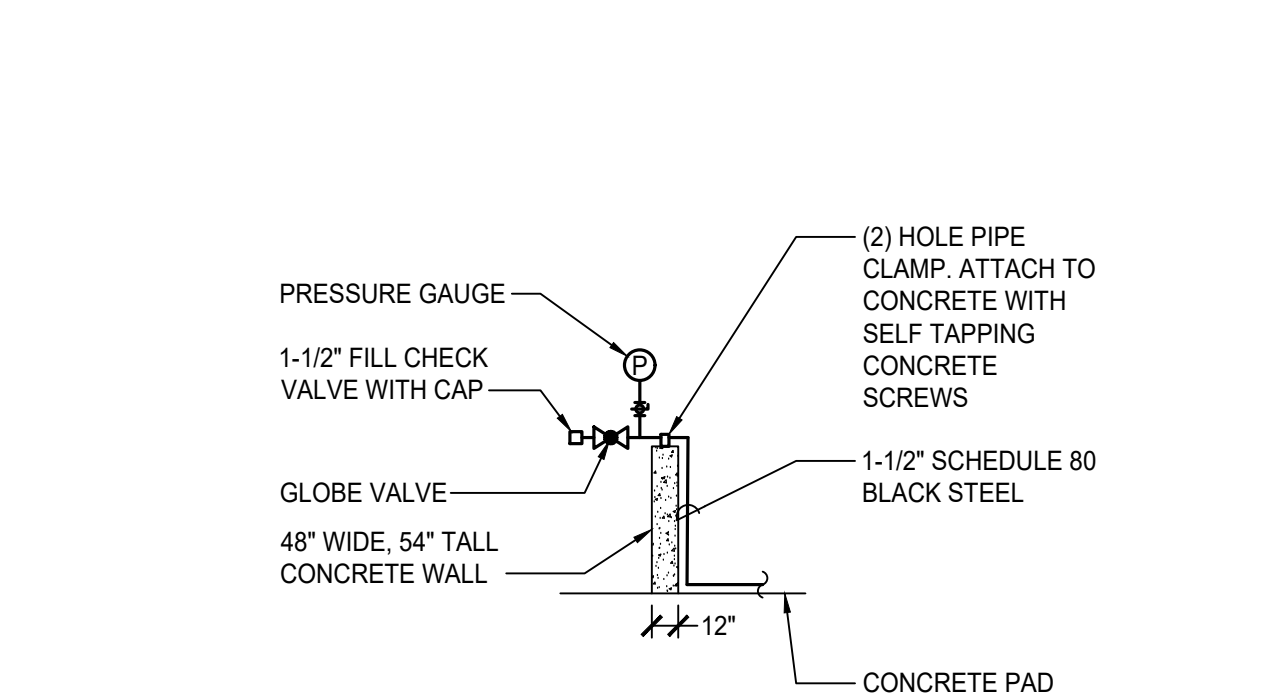
1 PIPE SUPPORT - FLOOR  
NTS



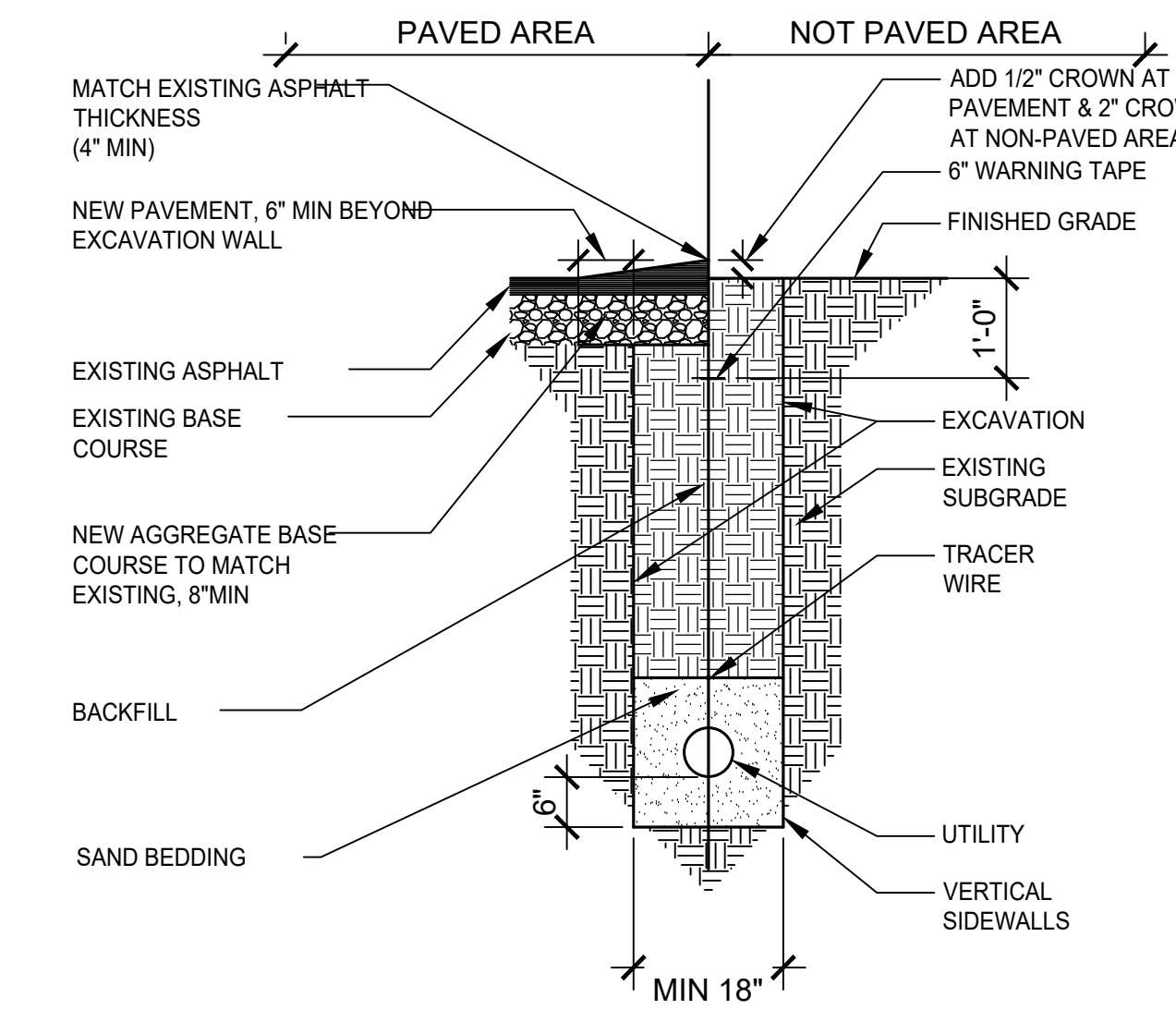
8 PIPE SUPPORT - WALL  
NTS



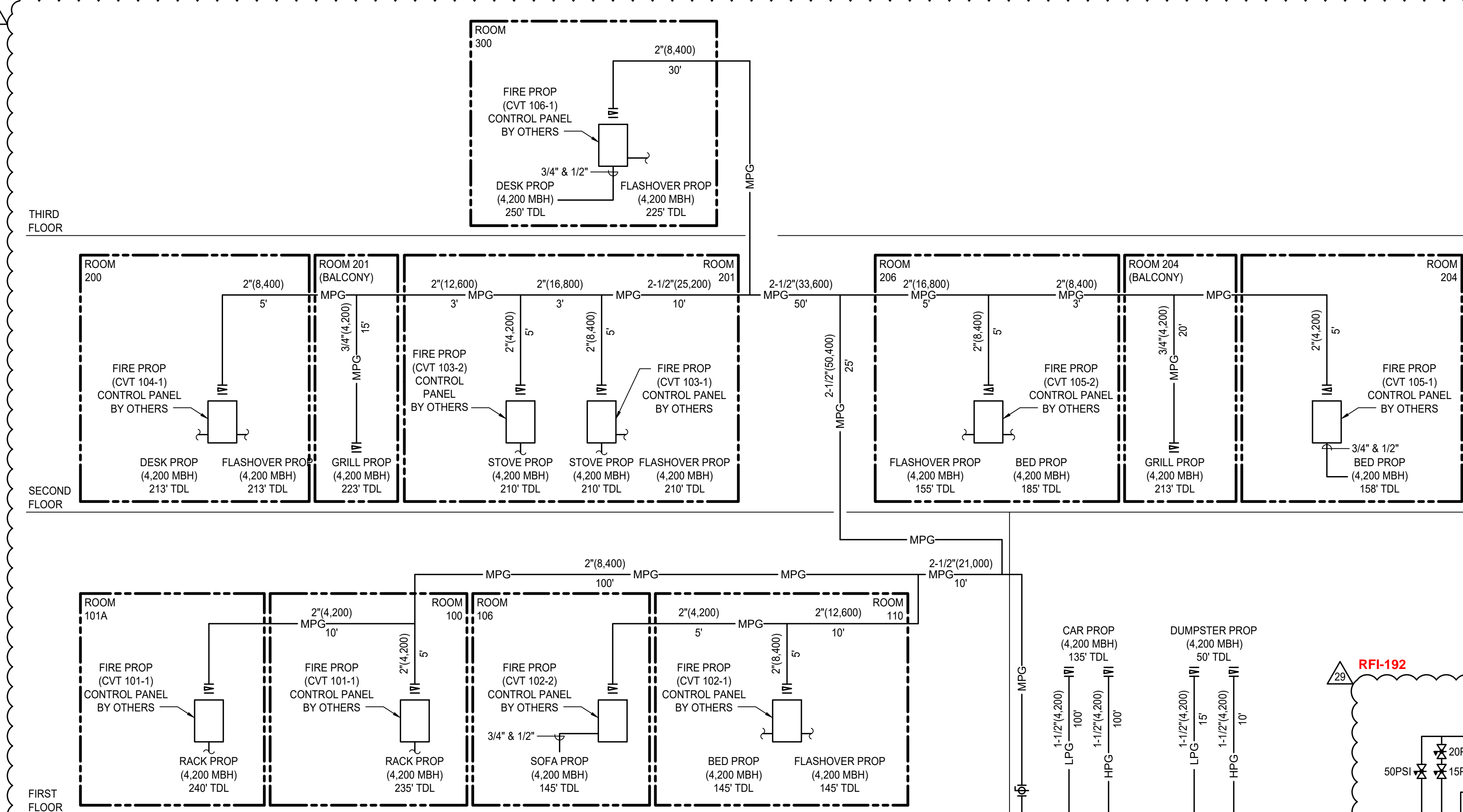
7 PIPE SUPPORT - CEILING  
NTS



6 PROPANE GAS FILL STATION  
NTS



5 PIPING IN TRENCH  
NTS



A GAS DIAGRAM

MEDIUM PRESSURE PROPANE (MPG) SIZING (VAPOR)			
SYSTEM	QUANTITY	MBH	MBH
FLASHOVER	5	4200	21000
SOFA PROP	1	4200	4200
BED PROP	3	4200	12600
GRILL PROP	2	4200	8400
RACK PROP	2	4200	8400
STOVE PROP	2	4200	8400
DESK PROP	2	4200	8400
<b>TOTAL</b>			<b>71400</b>
<b>FUEL TYPE</b>			<b>VAPOR PROPANE</b>
<b>DISTANCE FROM REGULATOR TO FURTHEST APPLIANCE (FT)</b>			<b>250</b>
<b>INLET PRESSURE (PSI)</b>			<b>15</b>
<b>PRESSURE DROP (PSI)</b>			<b>1</b>
<b>PIPE SIZE REQUIRED (INCHES)</b>			<b>3</b>

HIGH PRESSURE PROPANE (HPG) SIZING (VAPOR)			
SYSTEM	QUANTITY	MBH	MBH
DUMPSTER PROP	1	4200	4200
CAR PROP	1	4200	4200
<b>TOTAL</b>			<b>8400</b>
<b>FUEL TYPE</b>			<b>VAPOR PROPANE</b>
<b>DISTANCE FROM REGULATOR TO FURTHEST APPLIANCE (FT)</b>			<b>135</b>
<b>INLET PRESSURE (PSI)</b>			<b>50</b>
<b>PRESSURE DROP (PSI)</b>			<b>3</b>
<b>PIPE SIZE REQUIRED (INCHES)</b>			<b>2</b>

ELEVATED LIQUID PROPANE (LPG) SIZING			
SYSTEM	QUANTITY	MBH	MBH
CAR PROP	1	4200	4200
DUMPSTER PROP	1	4200	4200
<b>TOTAL</b>			<b>8400</b>
<b>FUEL TYPE</b>			<b>LIQUID PROPANE</b>
<b>DISTANCE FROM REGULATOR TO FURTHEST APPLIANCE (FT)</b>			<b>135</b>
<b>INLET PRESSURE (PSI)</b>			<b>30</b>
<b>PRESSURE DROP (PSI)</b>			<b>3</b>
<b>PIPE SIZE REQUIRED (INCHES)</b>			<b>2</b>

- ### PLUMBING GENERAL NOTES
- COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING CODES:  
2019 CALIFORNIA ADMINISTRATIVE CODE (CAC); PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)  
2019 CALIFORNIA BUILDING CODE (CBC); PART 2, TITLE 24 CCR  
2019 CALIFORNIA ELECTRICAL CODE (CEC); PART 3, TITLE 24 CCR  
2019 CALIFORNIA MECHANICAL CODE (CMC); PART 4, TITLE 24 CCR  
2019 CALIFORNIA PLUMBING CODE (CPC); PART 5, TITLE 24 CCR  
2019 CALIFORNIA ENERGY CODE (CENC); PART 6, TITLE 24 CCR  
2019 CALIFORNIA FIRE CODE (CFC); PART 9, TITLE 24 CCR  
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CAL GREEN); PART 11, TITLE 24 CCR
  - REPORT DEFICIENCIES WITHIN THIRTY (30) DAYS UPON AUTHORIZATION TO PROCEED.
  - NO PLUMBING SHALL BE INSTALLED UNTIL ALL REQUIRED PLUMBING PLAN CHECK PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REQUIRED AGENCIES.
  - LAVATORY FAUCETS, SINK FAUCETS NOT INCLUDING SERVICE SINK FAUCETS OR FAUCETS DESIGNATED AS INSTITUTIONAL, SHALL MEET THE FLOW REQUIREMENTS OUTLINED IN THE APPLIANCE EFFICIENCY STANDARDS.
  - COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES AND DRAINING.
  - PROVIDE ALL TAILPIECES, TRAPS, STOPS, AND SUPPLY PIPES TO LAVATORIES DESIGNED AS ACCESSIBLE, WITH PREFORMED INSULATION JACKET.
  - COORDINATE AND SCHEDULE TIMING FOR ALL UTILITY SERVICE CONNECTIONS.
  - ALL LINES BELOW SLAB ON GRADE TO BE LOCATED AWAY FROM ALL LOAD BEARING FOOTINGS.
  - ALL VENTS THRU ROOF SHALL BE MINIMUM OF 36 INCHES ABOVE AND MECHANICAL VENTILATION AIR INTAKE WITHIN 10 FEET. PROVIDE VANDAL PROOF HOODS ON ALL VENTS THROUGH ROOF.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS, ROOFS, FOOTINGS, FLOORS, INCLUDING ALL SAW CUTTING AND CORE DRILLING. COORDINATE ALL SAW CUTTING AND CORE DRILLING WITH STRUCTURAL DRAWINGS. ANY CUTTING AND DRILLING REQUIRED OF STRUCTURAL ELEMENTS THAT IS NOT SPECIFICALLY SHOWN ON THE PLANS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION PRIOR TO CUTTING AND DRILLING. CONTRACTOR SHALL SUBMIT PROPOSED LOCATION AND SIZES OF SUCH CUTTING AND DRILLING FOR THE ARCHITECTS AND STRUCTURAL ENGINEERS APPROVAL.
  - COORDINATE ALL EQUIPMENT LOCATIONS, PIPE PENETRATIONS AND EQUIPMENT PAD LOCATIONS WITH STRUCTURAL DRAWING PRIOR TO WORK.
  - COORDINATE INSTALLATION OF ALL EQUIPMENT AND PIPING WITH OTHER TRADES PRIOR TO INSULATION. ENSURE THAT ALL CONTROL DEVICES, SHUT-OFF VALVES, ETC. ARE ACCESSIBLE FOR MAINTENANCE. WHERE ACCESS PANELS IN FINISHED SPACES, OTHER THAN THAT SHOWN, CONTRACTOR SHALL PROVIDE AND COORDINATE EXACT LOCATION OF PANELS WITH ARCHITECT PRIOR TO INSTALLATION.
  - ANY STRUCTURAL FIREPROOFING DAMAGED DURING INSTALLATION OF PLUMBING EQUIPMENT, PIPING, ETC. SHALL BE REPAIRED AT NO COST TO THE OWNER. REPAIRS SHALL BE AS DIRECTED BY THE ARCHITECT.
  - ALL PIPING PASSING THROUGH CONCRETE/MASONRY WALLS AND FLOORS ARE TO BE SLEEVED.

### PLUMBING ABBREVIATIONS

ABV	ABOVE	HD	HEAD
ADA	AMERICANS WITH DISABILITIES ACT	HP	HORSE POWER
AFF	ABOVE FINISHED FLOOR	HZ	HERTZ
AG	ABOVE GRADE	IE	INVERT ELEVATION
AHJ	AUTHORITY HAVING JURISDICTION	IWC	INCHES OF WATER COLUMN
ALUM	ALUMINUM	KW	KILOWATTS
AMB	AMBIENT	LAV	LAVATORY
AMP	AMPERAGE	LBS	POUNDS
ARCH	ARCHITECT, ARCHITECTURAL	LWT	LEAVING WATER TEMPERATURE
BEL	BELOW	MAX	MAXIMUM
BF	BELOW FLOOR	MBH	1000 BRITISH THERMAL UNITS PER HOUR
BG	BELOW GRADE	MCA	MINIMUM CIRCUIT AMPS
BFP	BACKFLOW PREVENTOR	MECH	MECHANICAL
BLDG	BUILDING	MFR	MANUFACTURE OR MANUFACTURER
BOD	BASIS OF DESIGN	MIN	MINIMUM
BTUH	BRITISH THERMAL UNIT PER HOUR	MU	MAKE-UP
CA	COMBUSTION AIR	(N)	NEW
CD	CONDENSATE DRAIN	NOM	NOMINAL
CNN	CONNECTION	NTS	NOT TO SCALE
CONT	CONTINUATION	OPT	OPERATING
CI	CAST IRON	OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
CP	CHROME PLATED	PD	PRESSURE DROP
DFU	DRAINAGE FIXTURE UNITS	PH	PHASE
DN	DOWN	PSI	POUNDS PER SQUARE INCH
DSA	DIVISION OF THE STATE ARCHITECT	PW	PROCESS WASTE
(E)	EXISTING	RM	ROOM
EC	EVAPORATIVE COOLER	RPM	REVOLUTIONS PER MINUTE
EFF	EFFICIENCY	SDL	STORM DRAIN LEADER
ELEC	ELECTRICAL	SDD	STORM DRAIN OVERFLOW
EQUIP	EQUIPMENT	SHT	SHEET
EWT	ENTERING WATER TEMPERATURE	SOV	SHUT OFF VALVE
FA	FROM ABOVE	SS	STAINLESS STEEL
FC	FLEXIBLE CONNECTION	TEMP	TEMPORARY, TEMPERATURE
FLA	FULL LOAD AMPS	TYP	TYPICAL
FLR	FLOOR	UNON	UNLESS OTHERWISE NOTED
FPS	FEET PER SECOND	UTR	UP TO OR UP THROUGH ROOF
FR	FROM	V	VENT
FT	FLUSH TANK	VAC	VACUUM
FV	FLUSH VALVE	VTR	VENT THROUGH ROOF
GA	GAGE OR GAUGE	WC	WATER CLOSET
GALV	GALVANIZED	W	WASTE
GPC	GALLONS PER CYCLE	W/	WITH
GPF	GALLONS PER FLUSH	WIO	WITHOUT
GPM	GALLONS PER MINUTE	WSFU	WATER SUPPLY FIXTURE UNIT
GYP	GYP-SUM	WT	WEIGHT EXPRESSED IN POUNDS
GW	GREASE WASTE		

### PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
		BALL VALVE
		CAP
	GM	GAS METER
		GAS VALVE
	HB	HOSE BIBB
		SHUT OFF VALVE IN PIPE DROP OR PIPE RISER
		UNION
		PIPE DOWN
		PIPE UP
		PIPE TEE DOWN
		PLUG VALVE ELEVATION VIEW
		PLUG VALVE PLAN VIEW
	MPG	MEDIUM PRESSURE GAS (20 PSI)
	HPG	HIGH PRESSURE GAS (50 PSI)
	LPG	LIQUID PROPANE GAS (30 PSI)

### PROJECT TEAM LIST

TITLE	NAME	DESK NUMBER	EMAIL ADDRESS
PRINCIPAL IN CHARGE	BRIAN STARRETT	805.540.5358	BSTARRETT@3CENG.COM
PROJECT MANAGER	DENVER STANGER	805.540.5358	DSTANGER@3CENG.COM
PLUMBING DESIGNER	BRIAN STARRETT	805.540.5358	BSTARRETT@3CENG.COM

### SHEET INDEX

SHEET NUMBER	SHEET TITLE
B2-P000	PLUMBING GENERAL
B2-P001	PLUMBING DETAILS
B2-P100	PLUMBING FIRST FLOOR PLAN
B2-P101	PLUMBING SECOND FLOOR PLAN
B2-P102	PLUMBING THIRD & FOURTH FLOOR PLANS



**PUBLIC WORKS**

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**3C | ENGINEERING**  
REGISTERED PROFESSIONAL ENGINEER  
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OAKLAND, CA 94612  
www.3c-engineering.com

**Licensed Architect**  
MARY C. MCGRATH  
C-24435  
EXP-08-30-25  
STATE OF CALIFORNIA

**PROFESSIONAL SEALS**  
REGISTERED PROFESSIONAL ENGINEER  
M. STANGER  
M 34086  
MECHANICAL  
EST. 8/2015  
STATE OF CALIFORNIA

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RF#184		11-27-2024
AS#002_Rev2		12-05-2024
RF#192		12-20-2024
RF#193		12-20-2024

PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER  
DENVER STANGER  
DRAWN BY RANDY CARMINATI  
CHECKED BY DENVER STANGER  
CONSULTANT JOB NO. DATE 04/22/2022

PROJECT TITLE AND ADDRESS

**VENTURA COUNTY FIRE TRAINING CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER  
CP23-02

COUNTY PROJECT NUMBER  
P6T18021

COUNTY DWG NO SHEET 106 of 123

SHEET TITLE

PLUMBING GENERAL

SHEET NO

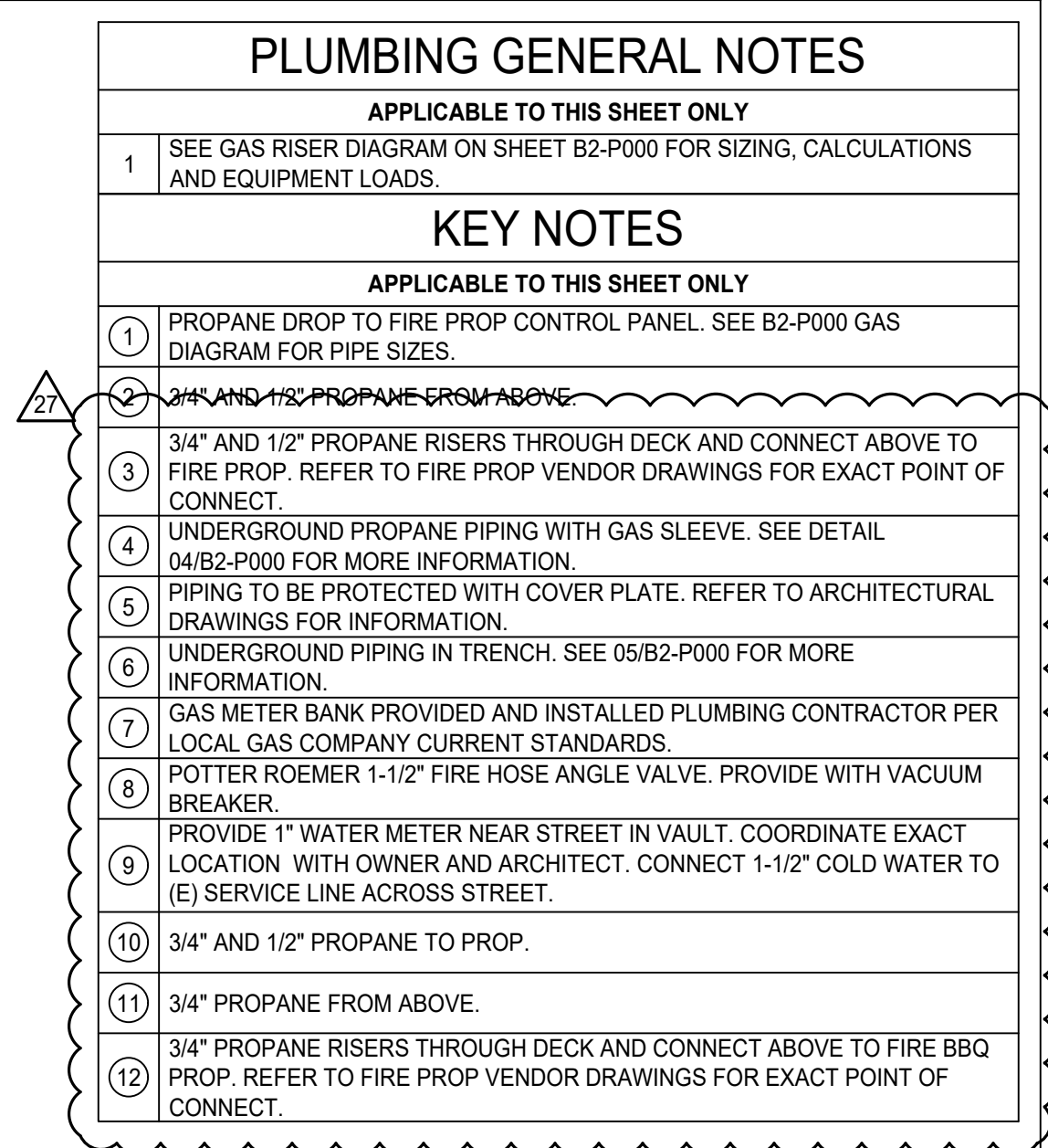
CP23-02  
CCO-18  
B2-P000

PLAN CHECK RE-SUBMITTAL









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VENTURA COUNTY  
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## ENGINEERING SERVICES



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#### PROFESSIONAL SEALS

PERMIT APPROVAL STAMP

PERMIT NO C21-777 & C21-778		
NO	REVISION	DATE
	BID SET	08-21-2023
13	ASI# 2	02-14-2024
	ASI-002_Rev1	04-26-2024
26	RFI#184	11-27-2024
27	ASI-002_Rev2	12-05-2024
29	RFI-192	12-20-2024
30	RFI-193	12-20-2024

PUBLIC WORKS PROJECT MANAGER

**CONSULTANT PROJECT MANAGER**

<b>DRAWN BY</b> RANDY CARMINATI	<b>CHECKED BY</b> DENVER STANGER
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CONSULTANT JOB NO 20-126	DATE 04/22/2022
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PROJECT TITLE AND ADDRESS	
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**VENTURA COUNTY  
FIRE TRAINING  
CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER  
CP23-02

COUNTY PROJECT NUMBER  
P6T18021

COUNTY DWG NO	SHEET 108 OF 123
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SHEET TITLE	
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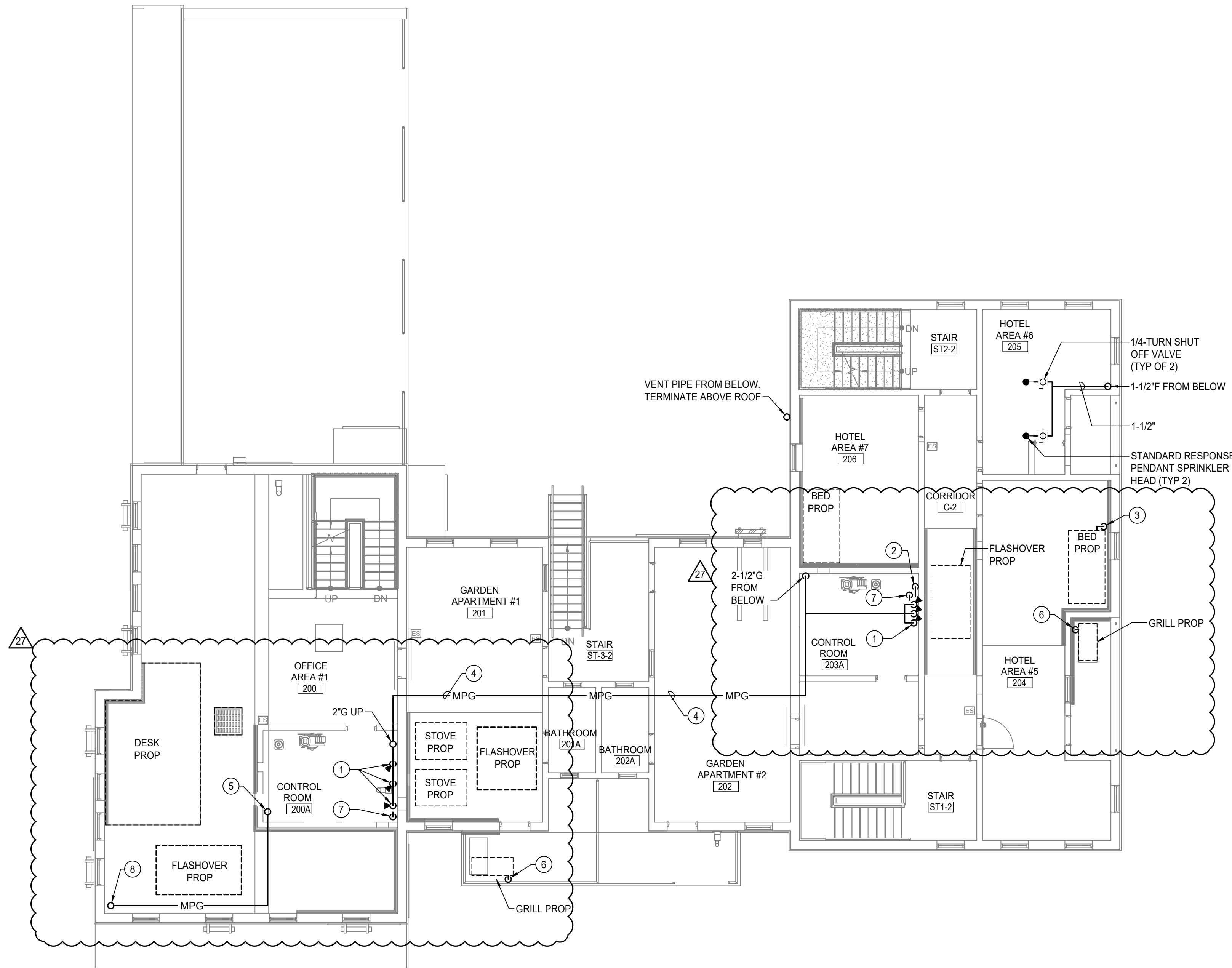
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SHEET NO **00500**

CP23-02 B2-P100  
CCO-18



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PLUMBING GENERAL NOTES	
APPLICABLE TO THIS SHEET ONLY	
1	SEE GAS RISER DIAGRAM ON SHEET B2-P000 FOR SIZING, CALCULATIONS AND EQUIPMENT LOADS.
KEY NOTES	
APPLICABLE TO THIS SHEET ONLY	
1	PROPANE DROP TO FIRE PROP CONTROL PANEL. SEE B2-P000 GAS DIAGRAM FOR PIPE SIZES.
2	3/4" AND 1/2" PROPANE FROM FIRE PROP CONTROL PANEL DOWN TO UNDERSIDE OF DECK.
3	3/4" AND 1/2" PROPANE FROM BELOW AND CONNECT TO FIRE PROP. REFER TO FIRE PROP VENDOR DRAWINGS FOR EXACT POINT OF CONNECT.
4	PIPING TO BE PROTECTED WITH COVER PLATE. REFER TO ARCHITECTURAL DRAWINGS FOR INFORMATION.
5	3/4" AND 1/2" PROPANE FROM ABOVE
6	3/4" PROPANE FROM BELOW
7	3/4" PROPANE FROM FIRE PROP CONTROL PANEL DOWN TO UNDERSIDE OF DECK.
8	3/4" AND 1/2" PROPANE RISERS THROUGH DECK AND CONNECT ABOVE TO FIRE PROP. REFER TO FIRE PROP VENDOR DRAWINGS FOR EXACT POINT OF CONNECT.



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PERMIT NO C21-777 & C21-778		
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28	RFI-192	12-20-2024
30	RFI-193	12-20-2024

PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER  
DENVER STANGER

DRAWN BY RANDY CARMINATI  
CHECKED BY DENVER STANGER

CONSULTANT JOB NO 20126  
DATE 04/22/2022

PROJECT TITLE AND ADDRESS

**VENTURA COUNTY  
FIRE TRAINING  
CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER  
CP23-02

COUNTY PROJECT NUMBER  
P6T18021

COUNTY DWG NO SHEET  
109 of 123

SHEET TITLE

**PLUMBING SECOND  
FLOOR PLAN**

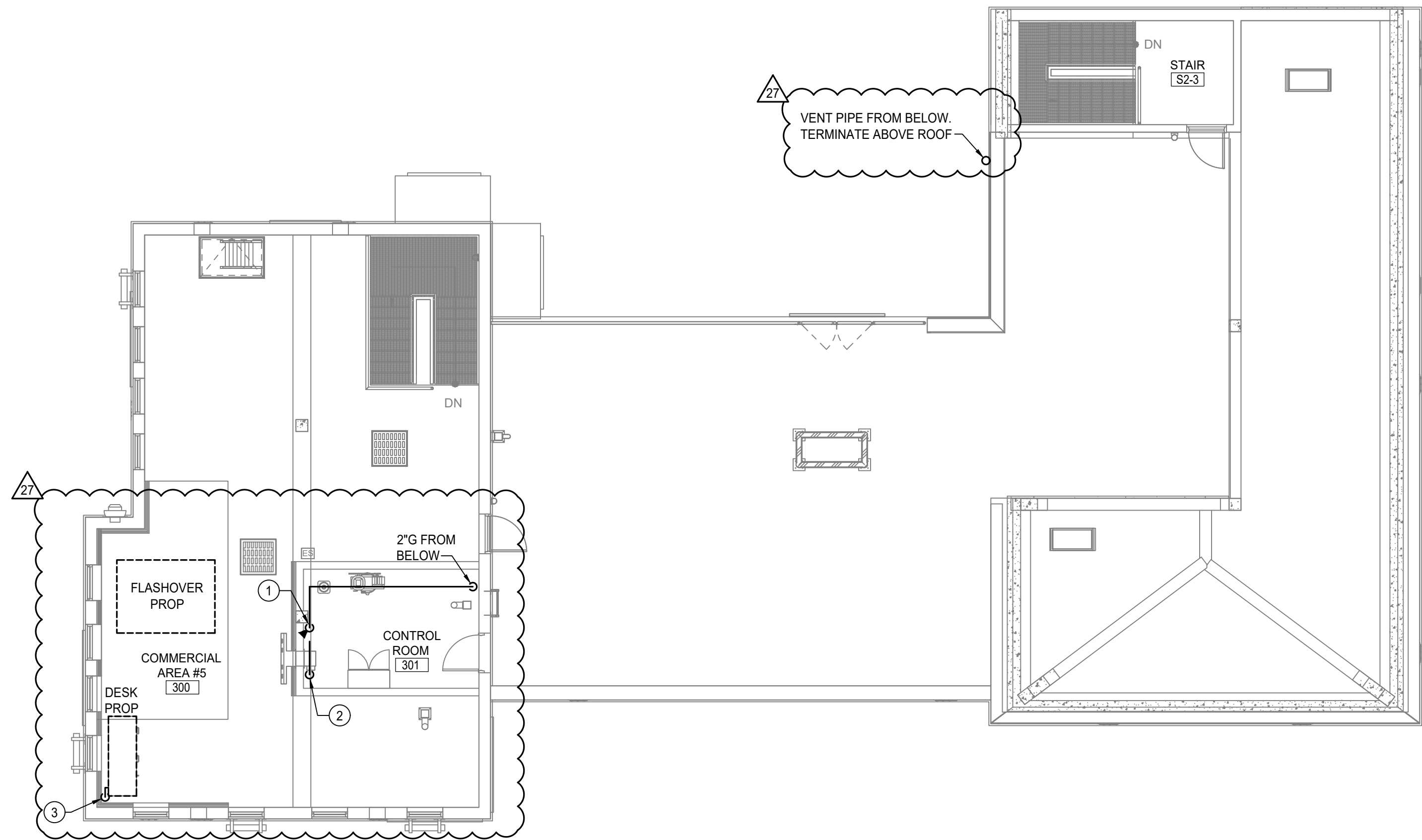
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CP23-02  
CCO-18  
B2-P101

PLAN CHECK RE-SUBMITTAL



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PLUMBING GENERAL NOTES	
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PROFESSIONAL SEALS



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PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER  
DENVER STANGER

DRAWN BY  
RANDY CARMINATI

CHECKED BY  
DENVER STANGER

CONSULTANT JOB NO  
20126

DATE  
04/22/2022

PROJECT TITLE AND ADDRESS

**VENTURA COUNTY**

**FIRE TRAINING**

**CENTER**

165 DURLEY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER  
CP23-02

COUNTY PROJECT NUMBER  
P6T18021

COUNTY DWG NO  
SHEET  
110 of 123

SHEET TITLE  
**PLUMBING THIRD &**

**FOURTH FLOOR PLANS**

SHEET NO  
CP23-02  
CCO-18

B2-P102

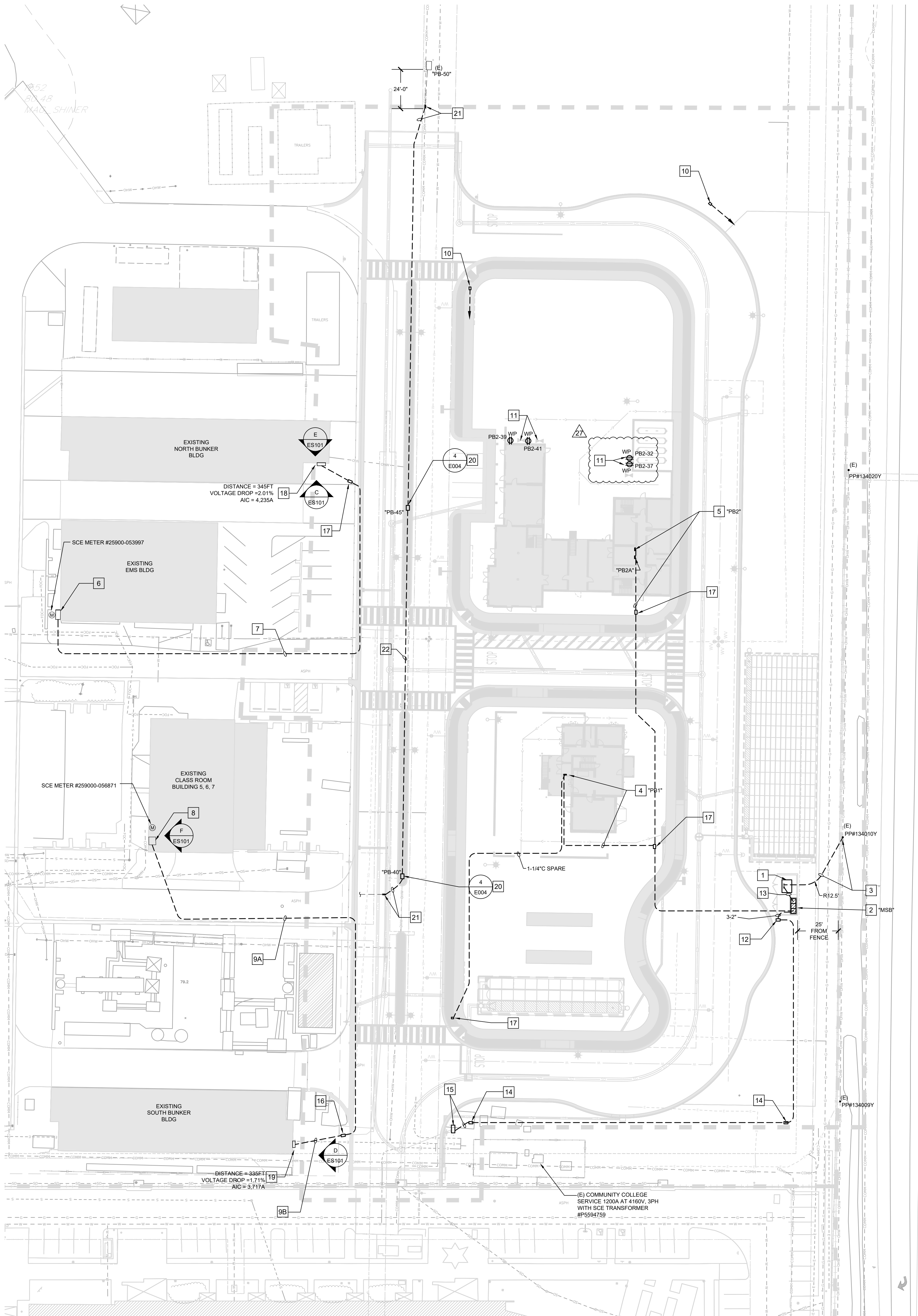
PLAN CHECK RE-SUBMITTAL



## PANEL SCHEDULES FOR BURN BUILDING PROP

(N) LOADCENTER PB1															SURFACE MOUNT, NEMA 3R RECEPTACLE CONTROL ROOM 100 WITH EQUIPMENT CORD BUS				
BUS RATING: 100 120/208V, 3PH, 4W																			
MAIN: 100 MAIN BREAKER																			
SPACES: 30 FULL SIZE PLUG-IN CB SPACES																			
AIC RATING: 10 KAC-PANEL																			
LOAD																			
CKT	NO	DIS	TYPE	LOAD	DESCRIPTION	TRIP	POLES	COND	SIZE	PHASE	PHASE A	PHASE B	PHASE C	COND					
NO	PT	NOTES	TYPE	TYPE	DESCRIPTION	TRIP	POLES	SIZE	PHASE	PHASE A	PHASE B	PHASE C	SIZE	POLES					
1					TEMPERATURE MONITORING PANEL	20	1	12	100					1					
3					SPARE	20	1												
5					FIRST FLOOR OUTLETS	20	1	12	500					1					
7					SECOND FLOOR OUTLETS	20	1	12	1000					1					
9					THIRD FLOOR OUTLETS	20	1	12	1440					1					
11					SPARE	20	1												
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315																			





ELECTRICAL SITE PLAN  
SCALE: 1" = 30'-0"  
NORTH

GENERAL SITE PLAN NOTES

- A. UTILITY COMPANY CONTACTS: BEFORE CONSTRUCTION, COORDINATE & VERIFY ALL UTILITY COMPANY REQUIREMENTS:
- B. TRENCHING AND BACKFILLING FOR ALL CONDUIT SYSTEMS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL CONDUITS SHALL HAVE MINIMUM COVER REQUIREMENTS AS SPECIFIED IN CEC 300-5. MORE STRINGENT DEPTH REQUIREMENTS MAY BE IMPOSED BY UTILITY COMPANY AND / OR THIS SPECIFICATION. JOINT TRENCHING MAY BE UTILIZED WHERE PRACTICABLE AND WERE PERMITTED BY THIS SPECIFICATION.
- C. LOCATIONS OF EXISTING UNDERGROUND (UG) UTILITY SYSTEMS SHALL BE DETERMINED BY CALLING UNDERGROUND SERVICE ALERT (USA). WHEN PLANNING UNDERGROUND WORK, AND BEFORE YOU DIG, CONTACT UNDERGROUND SERVICE ALERT (USA) AT LEAST 48 HOURS PRIOR TO EXCAVATION (WEEKENDS EXCLUDED) FOR THE LOCATION OF UNDERGROUND GAS AND ELECTRIC LINES OR EQUIPMENT.
- D. MAINTAIN REQUIRED CLEARANCES FROM ALL SANITARY SEWER, WATER AND STORM DRAIN PIPING. REFER TO CIVIL PLANS FOR EXACT LOCATIONS AND DEPTHS OF PIPING.
- E. ALL SITE UTILITY WORK SHALL BE INSTALLED PER THE UTILITY COMPANY ISSUED CONSTRUCTION DRAWINGS AND SPECIFICATIONS SPECIFIC TO THIS PROJECT. ANY UTILITY WORK PERFORMED WITHOUT PRIOR UTILITY COMPANY APPROVAL SHALL BE DONE AT THE CONTRACTOR'S RISK.
- F. BRANCH CIRCUIT SITE LIGHTING ARE ALL POWERED FROM THE CLASS A BUILDING PROP LIGHTING CONTROL PANEL. SHOW 1"CONDUIT WITH (4)#8 THWN AND (1)#10 CU GROUND.

REFERENCE NOTES

- NEW 72"x94" TRANSFORMER PAD PER SCE REQUIREMENTS.
- NEW MAIN SWITCHBOARD, "MSB" PER SINGLE LINE DIAGRAM.
- NEW SCE 1-5" PRIMARY SERVICE CONDUIT TO EXISTING POWER POLE AT LAS POSAS. COORDINATE WITH SCE.
- NEW 100AMP SUBFEED PANEL "PB1". REFER TO SINGLE LINE DIAGRAM.
- NEW 400AMP SUBFEED PANEL "PB2". REFER TO SINGLE LINE DIAGRAM.
- EXISTING 400AMP, 120/208V, 3PH, 4W WITH 1-125AMP 3P BREAKER FOR EMS BLDG. PROVIDE NEW 200AMP 3 POLE BREAKER TO MATCH EXISTING FOR NORTH BUNKER CONNECTION.
- NEW 2-1/2" FEEDER UNDERGROUND (PVC 40) CONDUIT TO NORTH BUNKER DISCONNECT WITH (4)#40 THWN AND (1)#4 CU GROUND.
- EXISTING 400AMP DISTRIBUTION BOARD, "ACOP", 120/208V, 3PH, 4W TO BE REPLACE WITH NEW. REFER TO PANEL SCHEDULE ON SHEET E-002. PROVIDE 1-100AMP 3 POLE BREAKER TO FEED SOUTH BUNKER. PROVIDE NEW GROUND SYSTEM PER DETAIL 10/E-004.
- NEW 2" FEEDER UNDERGROUND (PVC 40) CONDUIT SOUTH BUNK PANEL.  
A. (4)#30 THWN AND (1)#6 CU GROUND.  
B. (4)#2 THWN AND (1)#6 CU GROUND.
- NEW 1" C.O. STUB TO PANEL "PB2" FOR FUTURE USE. PROVIDE AND INSTALL 11"x17" PULL BOX FLUSH IN GRADE. REFER TO SHEET ES-103 FOR CONDUIT ROUTING.
- PROVIDE 120V DEDICATED OUTLET TO EACH OUTDOOR PROP. HOME RUN 1" C (2)#10 THWN AND (1)#10 CU GROUND TO PANEL "PB2".
- STUB 2-2" CONDUIT TO 17"x30" PULL BOX FROM "MSB" DISTRIBUTION SECTION FOR FUTURE USE.
- NEW 2-4" SECONDARY SERVICE CONDUIT PER SCE REQUIREMENTS.
- 2" FEEDER TO STORM DRAIN DUPLEX LIFT STATION CONTROL PANEL VIA PULL BOX. PROVIDE 17"x30" PULL BOX FLUSH IN GRADE. LABEL LID ELECTRICAL. REFER TO SINGLE LINE DIAGRAM FOR FEEDER SIZE.
- CONNECT TO DUPLEX LIFT STATION PER CIVIL PLAN. EC TO PROVIDE 208V 3PH CONNECTION AND RACEWAY TO CONTROL PANEL AND TO PUMP. COORDINATE WITH CIVIL PLANS FOR ADDITIONAL REQUIREMENTS. (SEE DETAIL K ON SHEET C-17).
- PROVIDE 11"x17" FLUSH IN GRADE. STAMP LID "ELECTRICAL".
- PROVIDE 17"x30" TRAFFIC RATED PULL BOX FLUSH IN GRADE. STAMP LID "ELECTRICAL".
- NEW 200AMP DISCONNECT NEMA 3R SWITCH WITH 150AMP FUSE (120/208V 3PH)
- NEW 100AMP PANEL NEMA 3R TO REPLACE EXISTING. REFER TO PANEL SCHEDULE "SB" ON SHEET E-002. PROVIDE NEW GROUNDING SYSTEM PER DETAIL 10/E-004.
- PROVIDE NEW 2"x3"x3" TRAFFIC RATED PULLBOX.
- INTERCEPT EXISTING 1-4"C(PVC 40) AND EXTEND NEW 1-4"C (PVC) TO NEW PULL BOX.
- PROVIDE NEW 1-4"C. (PVC 40) BETWEEN PULL BOX.



**PUBLIC**  
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**WORKS**

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**thoma**  
**ENGINEERING**  
THOMA ELECTRIC, INC.  
P.O. Box 1167 - 3562 Empleo St.  
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Fax: (805) 543-3829  
cso@thomaelec.com  
THOMA #20-8119

PROFESSIONAL SEALS  
REGISTERED PROFESSIONAL ENGINEER  
WILLIAM A. THOMA  
ELECTRICAL  
STATE OF CALIFORNIA  
EXP: 06/30/26  
PERMIT APPROVAL STAMP

PERMIT NO		C21-777 & C21-778
NO	REVISION	DATE
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AS1 02	AS1 02	02-14-2023
AS1 03	AS1 03	04-18-2024
AS1 07	AS1 002 REV 2	12-05-2024
	</	

PUBLIC WORKS PROJECT MANAGER

CONSULTANT PROJECT MANAGER  
Christopher M. Jose

DRAWN BY TR/CJ CHECKED BY C/J/JT

CONSULTANT JOB NO 23-0119 DATE 3/04/2022

PROJECT TITLE AND ADDRESS

**VENTURA COUNTY**  
**FIRE TRAINING**  
**CENTER**

165 DURLY AVE  
CAMARILLO, CA 93010

COUNTY SPEC NUMBER  
CP23-02

COUNTY PROJECT NUMBER  
P6T18021

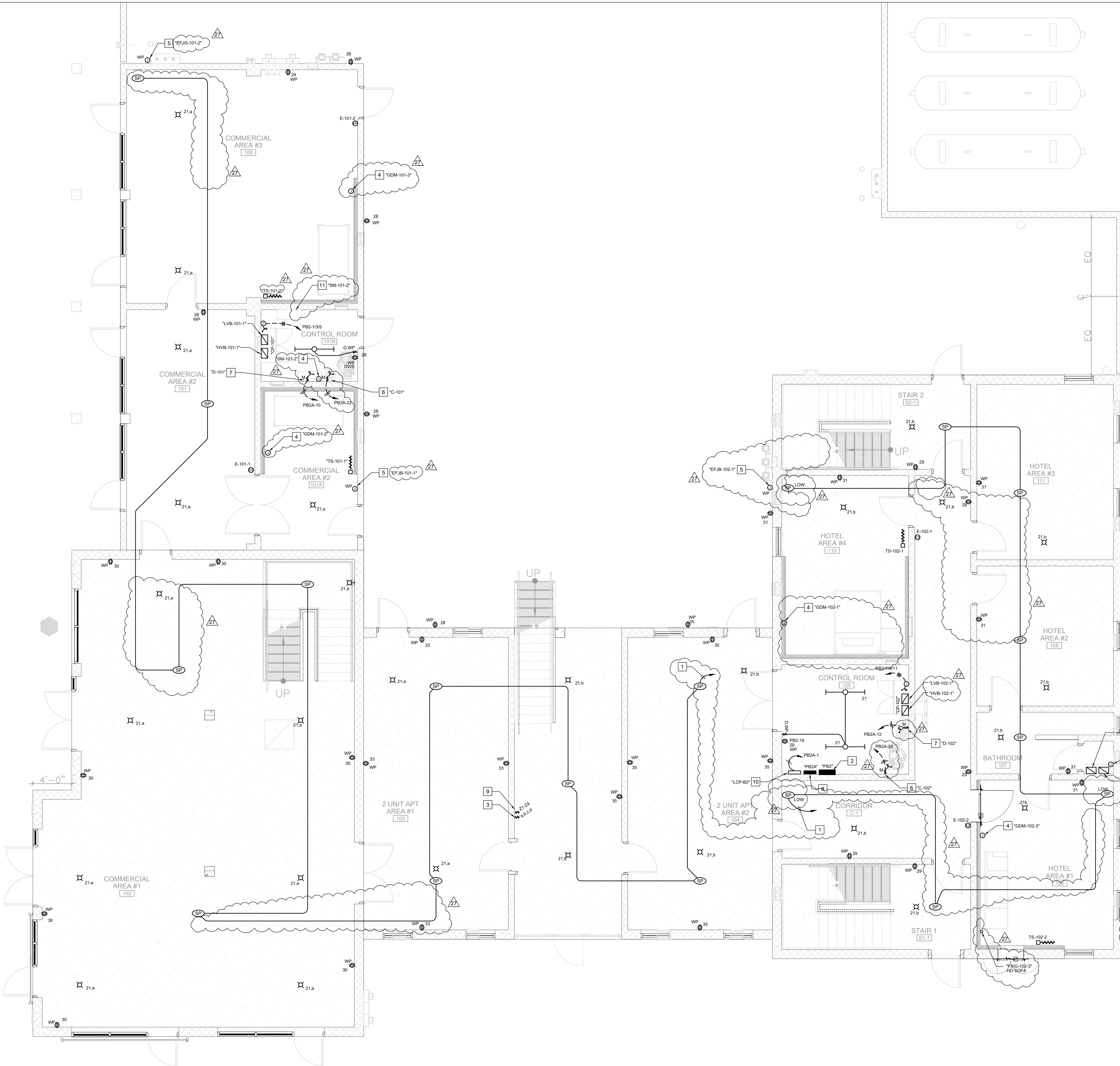
COUNTY DWG NO SHEET 116 OF 123

SHEET TITLE

ELECTRICAL  
SITE PLAN

SHEET NO  
CP23-02  
CCO-18  
ES-102





REFERENCE NOTES

- 3/4" C TO SPEAKER PULLBOX IN ROOM 203A
- 400AMP, 120/208V, 3-PHASE, 4-WIRE, NEMA 3R LOAD CENTER.
- FOUR-GANG SWITCHES TO CONTROL LIGHTS AT EACH FLOOR. PROVIDE WEATHEPROOF COVER.
- GAS DETECTION MONITOR. PROVIDE 3/4" CONDUIT TO LOW VOLTAGE CABINET PER VENDOR'S PLANS. VERIFY EXACT LOCATION WITH VENDOR PRIOR TO ROUGH-IN.
- EXHAUST FAN. PROVIDE 2-GANG JUNCTION BOX WITH 3/4" CONDUIT TO HIGH VOLTAGE PULL BOX PER VENDOR'S DRAWINGS. VERIFY EXACT LOCATION WITH VENDOR PRIOR TO ROUGH-IN.
- CONNECT TO AIR COMPRESSOR (2HP, 15FLA, 120V, 1Ø). VENDOR TO INSTALL AND CONNECT, EC TO PROVIDE BRANCH CIRCUIT CONDUIT AND DISCONNECT TO PANEL ONLY.
- CONNECT TO AIR DRYER (1/8HP, 2.53FLA, 120V, 1Ø). VENDOR TO INSTALL AND CONNECT, EC TO PROVIDE BRANCH CIRCUIT CONDUIT AND DISCONNECT TO PANEL ONLY.
- 200AMP, 120/208V, 3PHASE-WIRE, NEMA 3R LOAD CENTER.
- 4-GANG SWITCHBANK FOR FOUR (4) 90 MINUTE DIGITAL TIMER (Z1 THROUGH Z4). PROVIDE WEATHERPROOF COVER. (REFER TO LIGHTING SITE PLAN ES103 FOR ADDITIONAL REQUIREMENTS).
- PROVIDE A 8 RELAY TIMELOCK FOR SITE LIGHTING LITHONIA "ARP" OR EQUAL. PROVIDE LOW VOLTAGE SWITCH TO CONTROL FLOOD LIGHTS FOR CLASS A PROP AND MULTIPURPOSE PROP BUILDING.
- SMOKE DISTRIBUTION SYSTEM. PROVIDE 3/4" C TO HIGH VOLTAGE PULLBOX AND LOW VOLTAGE PULL BOX PER VENDOR PLANS. VERIFY EXACT LOCATION WITH VENDOR PRIOR TO ROUGH-IN.

LEGEND

- 12W WALL MOUNTED LED VAPOR-TIGHT WITH HEAT RATED CLEAR GLASS, GRAY FINISH (CANLET #68-02-12W-L-W-F 09-11)
- 12W CEILING MOUNTED LED VAPOR-TIGHT WITH HEAT RATED CLEAR GLASS, GRAY FINISH (CANLET #68-02-12W-C-F 09-11)
- GFCI (GROUND FAULT CURRENT INTERRUPTER) 20A, 125V DUPLEX, WEATHER RESISTANT RECEPTACLE OUTLET NEMA 520R SPECIFICATION GRADE, WEATHER RESISTANT RECEPTACLES WITH WEATHERPROOF COVER.
- 49W 4FT STRIP LED LIGHT WET LOCATION RATED WITH INTEGRAL MOTION SENSOR (LITHONIA #VAP-6000LM FST-MD-MVOLTG210-40K-80CRI-WLX-DL-MS10NWLL)
- SPEAKER FURNISHED AND INSTALL BY VENDOR. ELECTRICAL CONTRACTOR TO INSTALL (1) 3/4" CONDUIT ONLY AS SHOWN AND HOMERUN TO LOW VOLTAGE CABINET. LOW VOLTAGE WIRING BY VENDOR. COORDINATE EXACT LOCATION AND WITH VENDOR'S DRAWINGS. "LOW" DENOTES MOUNT AT STANDARD HEIGHT +15" AFF.
- CONTROL RACK. FURNISHED AND INSTALL BY VENDOR. ELECTRICAL CONTRACTOR TO PROVIDE 50AMP 120/208V 3 PHASE FEEDER CONNECTION FROM PANELBOARD. HOMERUN 1" C WITH (4) #6 THWN AND (1) #10 CU GROUND.
- EMERGENCY STOP FURNISHED AND INSTALL BY VENDOR. ELECTRICAL CONTRACTOR TO INSTALL (1) 3/4" CONDUIT ONLY TO LOW VOLTAGE CABINET PER VENDOR'S DRAWINGS
- HIGH VOLTAGE OR LOW VOLTAGE PULL BOX (12"X12"X8") ENCLOSURE TYPE 4 PER VENDOR'S REQUIREMENT. FURNISHED AND INSTALL BY ELECTRICAL CONTRACTOR. PROVIDE 2" CONDUIT BETWEEN PULLBOXES PER VENDOR'S PLANS
- TEMPERATURE SENSOR FURNISHED AND INSTALL BY VENDOR. ELECTRICAL CONTRACTOR TO INSTALL (1) 3/4" CONDUIT ONLY TO LOW VOLTAGE CABINET PER VENDOR'S PLANS. COORDINATE EXACT LOCATION AND WITH VENDOR'S DRAWINGS.
- ELECTRICAL CONNECTION STUB-UP TO FURNITURE PROP PER VENDOR PLANS. EC TO INSTALL 1" C CONDUIT ONLY TO HIGH VOLTAGE CABINET PER VENDOR PLANS. COORDINATE EXACT LOCATION WITH VENDOR PRIOR TO ROUGH-IN.



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PROFESSIONAL SEALS

REGISTERED PROFESSIONAL ENGINEER  
IN THE STATE OF CALIFORNIA  
ELECTRICAL  
EXPIRATION DATE: 06/30/26  
PERMIT APPROVAL STAMP

PERMIT NO		C21-777 & C21-778
NO	REVISION	DATE
<del>AS1</del> <del>02</del>	BID SET	08-21-2023
<del>AS1</del> <del>002</del>	ASI 02	02-14-2023
<del>AS1</del> <del>002</del>	ASI 002 REV 1	04-16-2024
<del>AS1</del> <del>002</del>	ASI 002 REV 2	12-05-2024

PUBLIC WORKS PROJECT MANAGER		
CONSULTANT PROJECT MANAGER Christopher M. Jose		
DRAWN BY	TR/CJ	CHECKED BY CJ/JT
CONSULTANT JOB NO	DATE	3/04/2022
PROJECT TITLE AND ADDRESS		

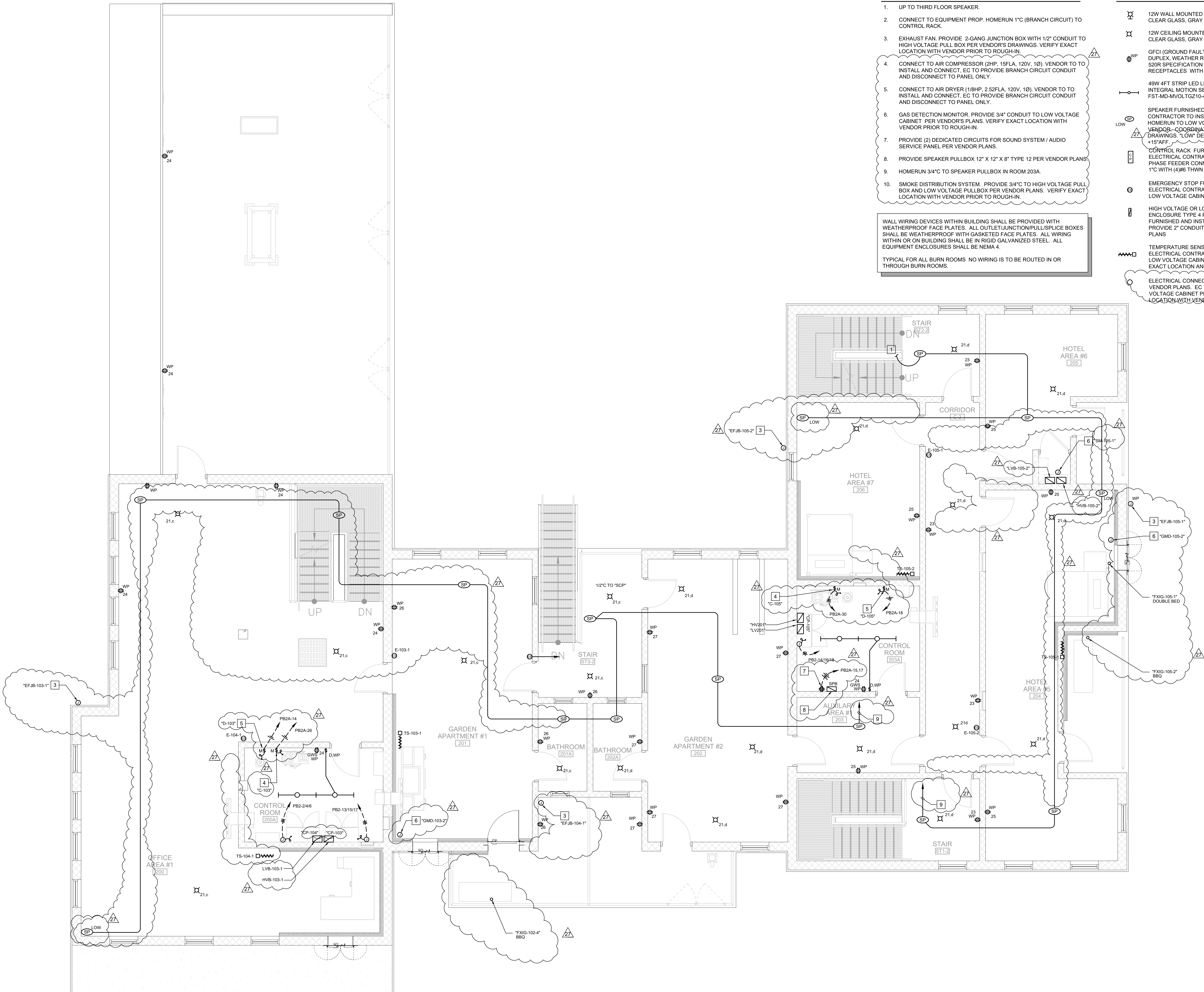
VENTURA COUNTY FIRE TRAINING CENTER

165 DURLEY AVE  
CAMARILLO, CA 93010  
COUNTY SPEC NUMBER  
CP23-02  
COUNTY PROJECT NUMBER  
P6T18021  
COUNTY DWG NO SHEET 120 OF 123

SHEET TITLE  
MULTI-PURPOSE BUILDING FIRST FLOOR ELECTRICAL PLAN

SHEET NO  
CP23-02  
CCO-18  
B2-E101





REFERENCE NOTES

- UP TO THIRD FLOOR SPEAKER.
- CONNECT TO EQUIPMENT PROP. HOMERUN 1" C (BRANCH CIRCUIT) TO CONTROL RACK.
- EXHAUST FAN. PROVIDE 2-GANG JUNCTION BOX WITH 1/2" CONDUIT TO HIGH VOLTAGE PULL BOX PER VENDOR'S DRAWINGS. VERIFY EXACT LOCATION WITH VENDOR PRIOR TO ROUGH-IN.
- CONNECT TO AIR COMPRESSOR (2HP, 15FLA, 120V, 1Ø). VENDOR TO TO INSTALL AND CONNECT, EC TO PROVIDE BRANCH CIRCUIT CONDUIT AND DISCONNECT TO PANEL ONLY.
- CONNECT TO AIR DRYER (1/8HP, 2.52FLA, 120V, 1Ø). VENDOR TO TO INSTALL AND CONNECT, EC TO PROVIDE BRANCH CIRCUIT CONDUIT AND DISCONNECT TO PANEL ONLY.
- GAS DETECTION MONITOR. PROVIDE 3/4" CONDUIT TO LOW VOLTAGE CABINET PER VENDOR'S PLANS. VERIFY EXACT LOCATION WITH VENDOR PRIOR TO ROUGH-IN.
- PROVIDE (2) DEDICATED CIRCUITS FOR SOUND SYSTEM / AUDIO SERVICE PANEL PER VENDOR PLANS.
- PROVIDE SPEAKER PULLBOX 12" X 12" X 8" TYPE 12 PER VENDOR PLANS.
- HOMERUN 3/4" C TO SPEAKER PULLBOX IN ROOM 203A.
- SMOKE DISTRIBUTION SYSTEM. PROVIDE 3/4" C TO HIGH VOLTAGE PULL BOX AND LOW VOLTAGE PULLBOX PER VENDOR PLANS. VERIFY EXACT LOCATION WITH VENDOR PRIOR TO ROUGH-IN.

WALL WIRING DEVICES WITHIN BUILDING SHALL BE PROVIDED WITH WEATHERPROOF FACE PLATES. ALL OUTLET/JUNCTION/PULLSPLICE BOXES SHALL BE WEATHERPROOF WITH GASKETED FACE PLATES. ALL WIRING WITHIN OR ON BUILDING SHALL BE IN RIGID GALVANIZED STEEL. ALL EQUIPMENT ENCLOSURES SHALL BE NEMA 4.

TYPICAL FOR ALL BURN ROOMS. NO WIRING IS TO BE ROUTED IN OR THROUGH BURN ROOMS.

LEGEND

- 12W WALL MOUNTED LED VAPOR-TIGHT WITH HEAT RATED CLEAR GLASS, GRAY FINISH (CANLET #68-02-12W-L-W-F 09-11)
- 12W CEILING MOUNTED LED VAPOR-TIGHT WITH HEAT RATED CLEAR GLASS, GRAY FINISH (CANLET #68-02-12W-C-F 09-11)
- GFCI (GROUND FAULT CURRENT INTERRUPTER) 20A, 125V DUPLEX, WEATHER RESISTANT RECEPTACLE OUTLET NEMA 520R SPECIFICATION GRADE, WEATHER RESISTANT RECEPTACLES WITH WEATHERPROOF COVER.
- 49W 4FT STRIP LED LIGHT WET LOCATION RATED WITH INTEGRAL MOTION SENSOR (LITHONIA #VAP-6000LM FST-MD-MVOLTGZ10-40K-80CRI-WLX DL-MS110NWL)
- SPEAKER FURNISHED AND INSTALL BY VENDOR. ELECTRICAL CONTRACTOR TO INSTALL (11/34" CONDUIT ONLY AS SHOWN AND HOMERUN TO LOW VOLTAGE CABINET. LOW VOLTAGE WIRING BY VENDOR- COORDINATE EXACT LOCATION AND WITH VENDOR'S DRAWINGS. \*LOW\* DENOTES MOUNT AT STANDARD HEIGHT +15" AFF.
- CONTROL RACK FURNISHED AND INSTALL BY VENDOR. ELECTRICAL CONTRACTOR TO PROVIDE 50AMP 120/208V 3 PHASE FEEDER CONNECTION FROM PANELBOARD. HOMERUN 1" C WITH (4) #6 THWN AND (1) #10 CU GROUND.
- EMERGENCY STOP FURNISHED AND INSTALL BY VENDOR. ELECTRICAL CONTRACTOR TO INSTALL (11/34" CONDUIT ONLY TO LOW VOLTAGE CABINET PER VENDOR'S DRAWINGS
- HIGH VOLTAGE OR LOW VOLTAGE PULL BOX (12"X12"X8") ENCLOSURE TYPE 4 PER VENDOR'S REQUIREMENT. FURNISHED AND INSTALL BY ELECTRICAL CONTRACTOR. PROVIDE 2" CONDUIT BETWEEN PULLBOXES PER VENDOR'S PLANS
- TEMPERATURE SENSOR FURNISHED AND INSTALL BY VENDOR. ELECTRICAL CONTRACTOR TO INSTALL (11/34" CONDUIT ONLY TO LOW VOLTAGE CABINET PER VENDOR'S PLANS. COORDINATE EXACT LOCATION AND WITH VENDOR'S DRAWINGS
- ELECTRICAL CONNECTION STUB-UP TO FURNITURE PROP PER VENDOR PLANS. EC TO INSTALL 1" C CONDUIT ONLY TO HIGH VOLTAGE CABINET PER VENDOR'S PLANS. COORDINATE EXACT LOCATION WITH VENDOR PRIOR TO ROUGH-IN.



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PROFESSIONAL SEALS  
REGISTERED PROFESSIONAL ENGINEER  
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EXP: 06/30/26  
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Christopher M. Jose

DRAWN BY  
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CJ/JT

CONSULTANT JOB NO  
23-0119

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3/04/2022

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VENTURA COUNTY FIRE TRAINING CENTER

165 DURLY AVE  
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COUNTY PROJECT NUMBER  
P6T18021

COUNTY DWG NO  
SHEET

121 of 123

SHEET TITLE

BURN BUILDING

SECOND FLOOR

ELECTRICAL PLAN

SHEET NO  
CP23-02  
CCO-18

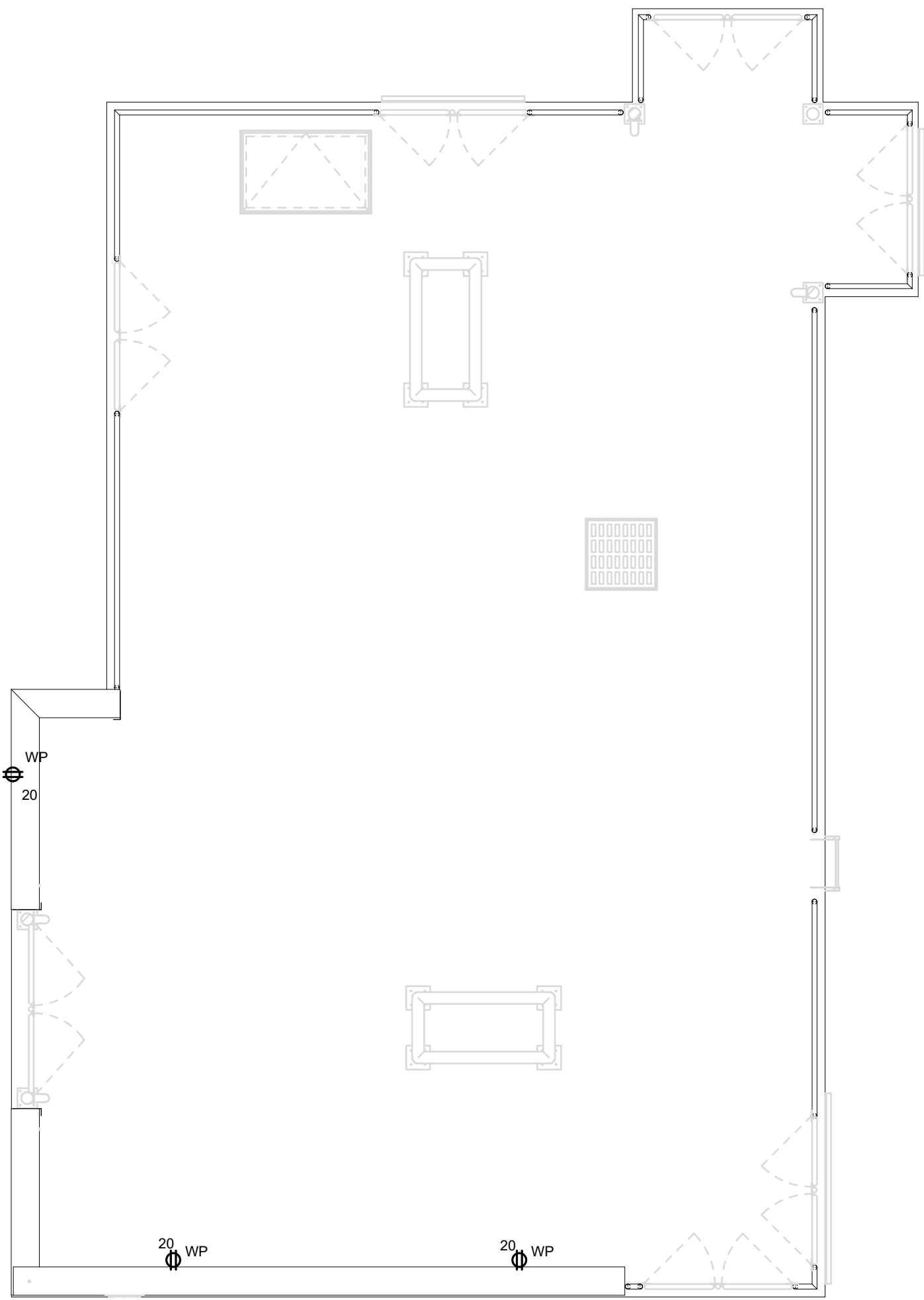
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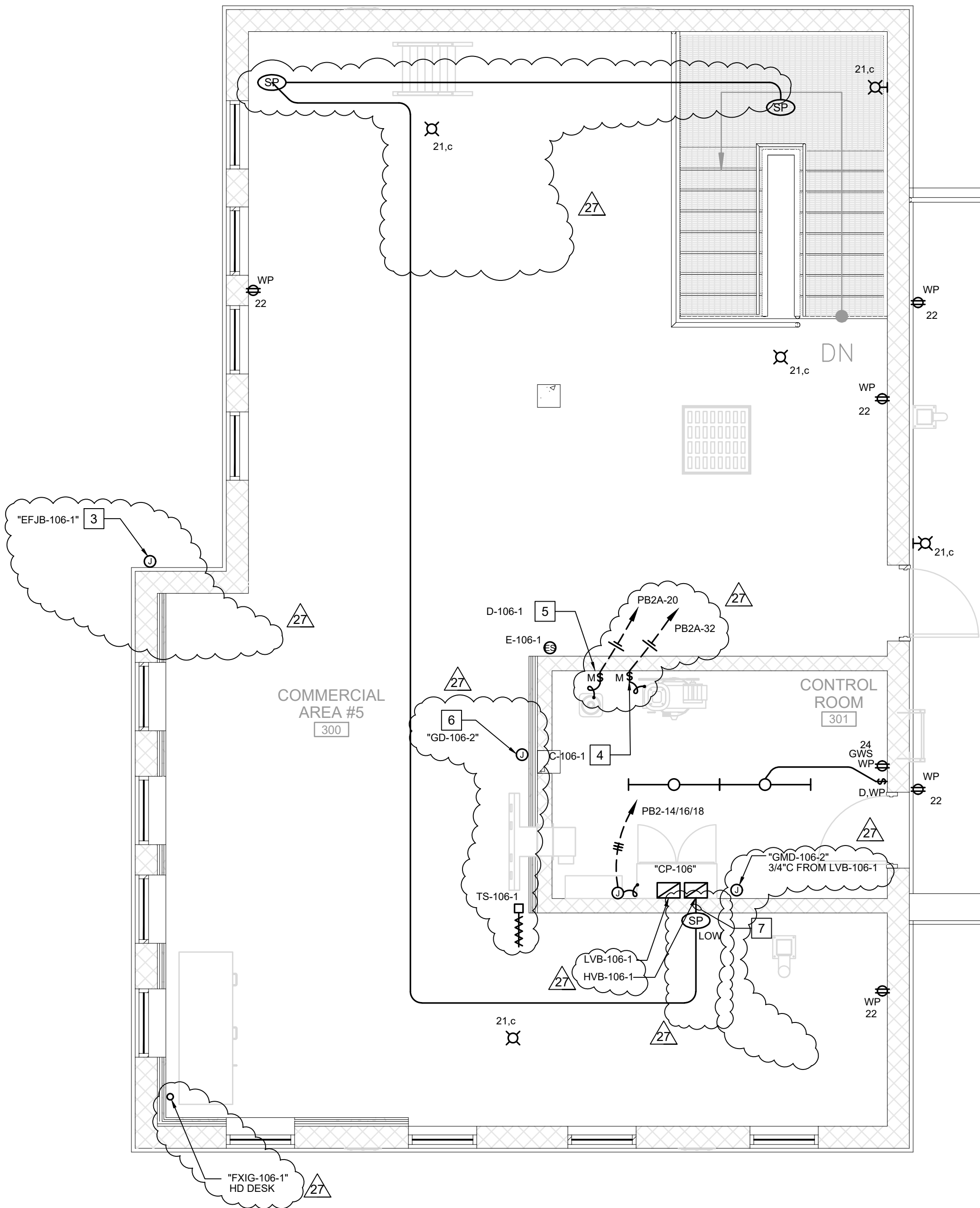
MULTI-PURPOSE BUILDING SECOND FLOOR ELECTRICAL PLAN

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





**MULTI-PURPOSE BUILDING FOURTH FLOOR ELECTRICAL PLAN**  
SCALE: 3/16" = 1'-0"  
NORTH



**MULTI-PURPOSE BUILDING THIRD FLOOR ELECTRICAL PLAN**  
SCALE: 1/4" = 1'-0"  
NORTH

## REFERENCE NOTES

- DOWN TO SPEAKER.
- CONNECT TO EQUIPMENT PROP. HOMERUN 1" (BRANCH CIRCUIT) TO CONTROL RACK.
- EXHAUST FAN. EC TO INSTALL 3/4" (BRANCH CIRCUIT) ONLY TO HIGH VOLTAGE CABINET. BRANCH CIRCUIT WIRING AND DISCONNECT FURNISHED AND INSTALL BY VENDOR.
- CONNECT TO AIR COMPRESSOR (2HP, 15FLA, 120V, 10). VENDOR TO TO INSTALL AND CONNECT, EC TO PROVIDE BRANCH CIRCUIT CONDUIT AND DISCONNECT TO PANEL ONLY.
- CONNECT TO AIR DRYER (1/8HP, 2.52FLA, 120V, 10). VENDOR TO TO INSTALL AND CONNECT, EC TO PROVIDE BRANCH CIRCUIT CONDUIT AND DISCONNECT TO PANEL ONLY.
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- HOMERUN 3/4" TO SPEAKER PULLBOX IN ROOM 203A.

## LEGEND

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122 OF 123

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**B2-E103**