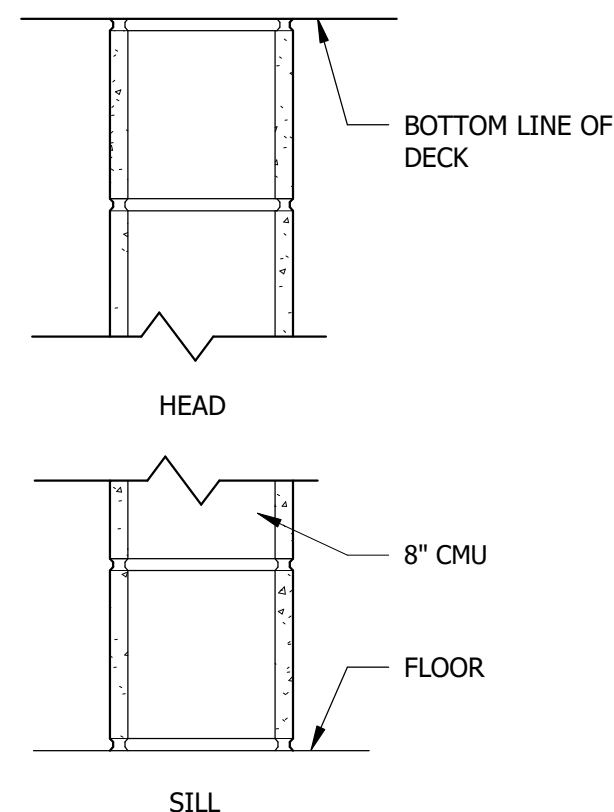
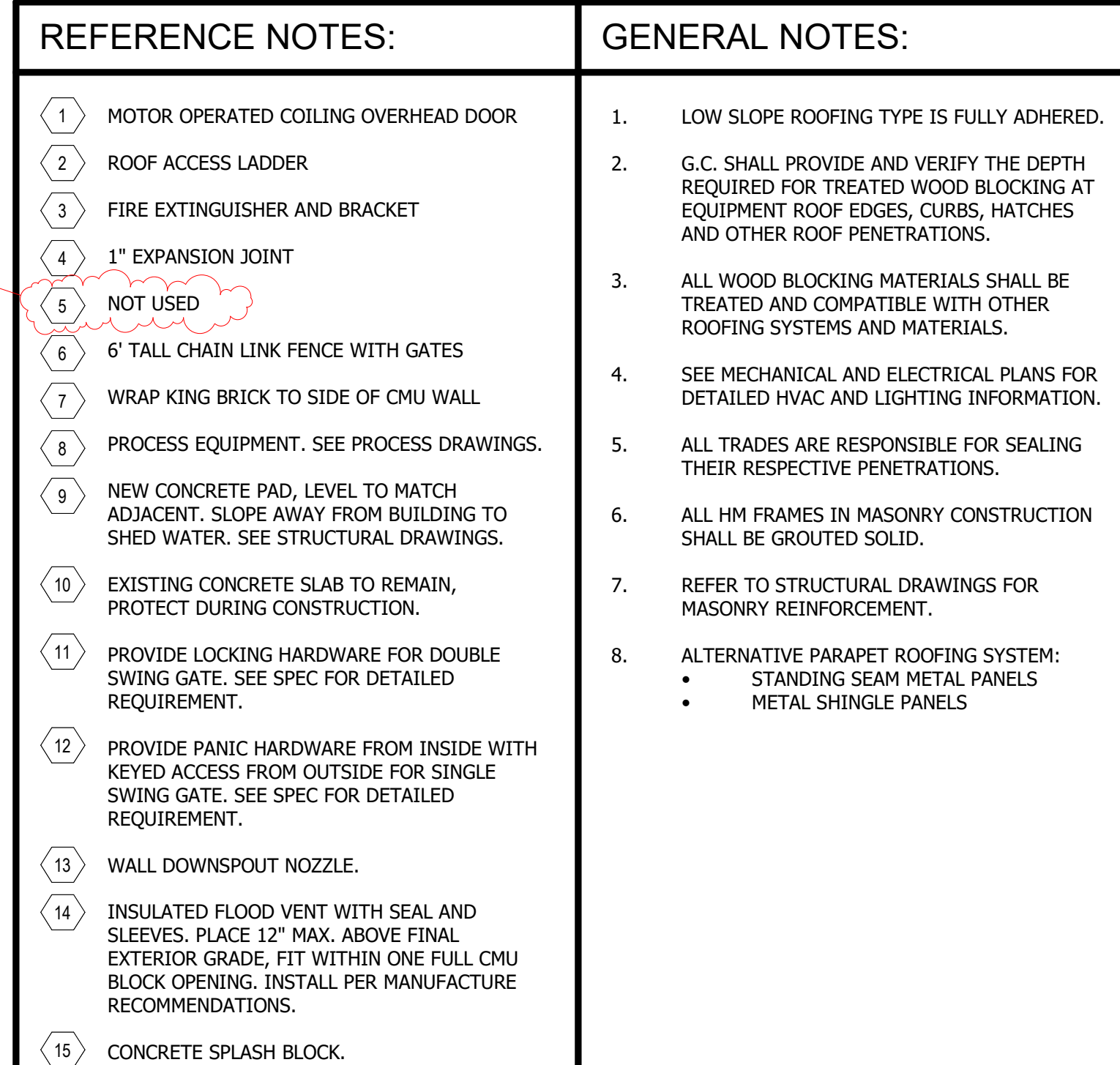


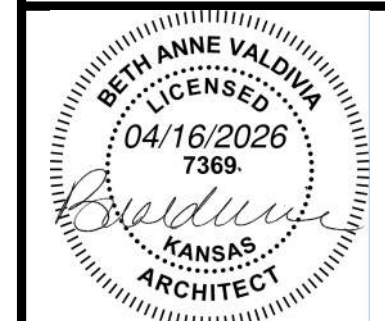


**3** PARTITION TYPE P1  
SCALE: 1 1/2" = 1'-0"



# ODOR CONTROL IMPROVEMENTS CENTRAL PARK PUMP STATION FLOOR PLAN

ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS

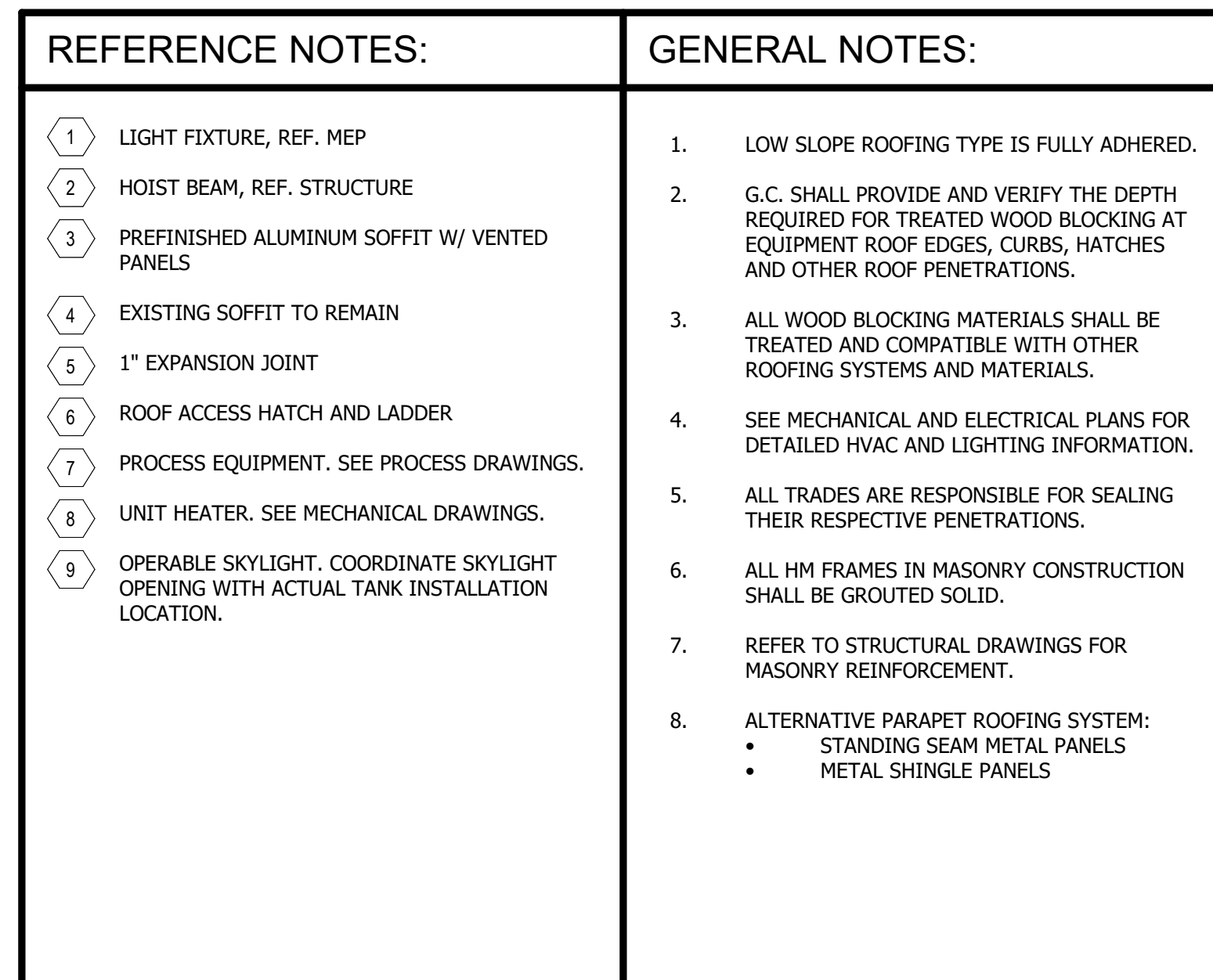


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| DRAWN BY:    | JD             |
| APPROVED BY: | BV             |
| DESIGN PROJ: | 19637.011      |
| CONST PROJ:  | ---            |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | <b>A-101</b>   |
| SHEET NO:    | 21 of 52       |

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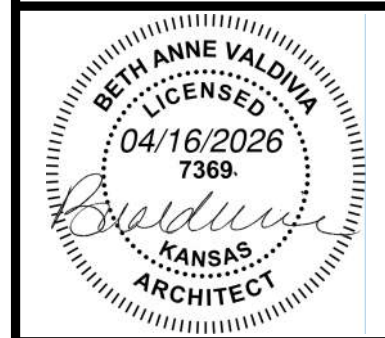


[illegible]

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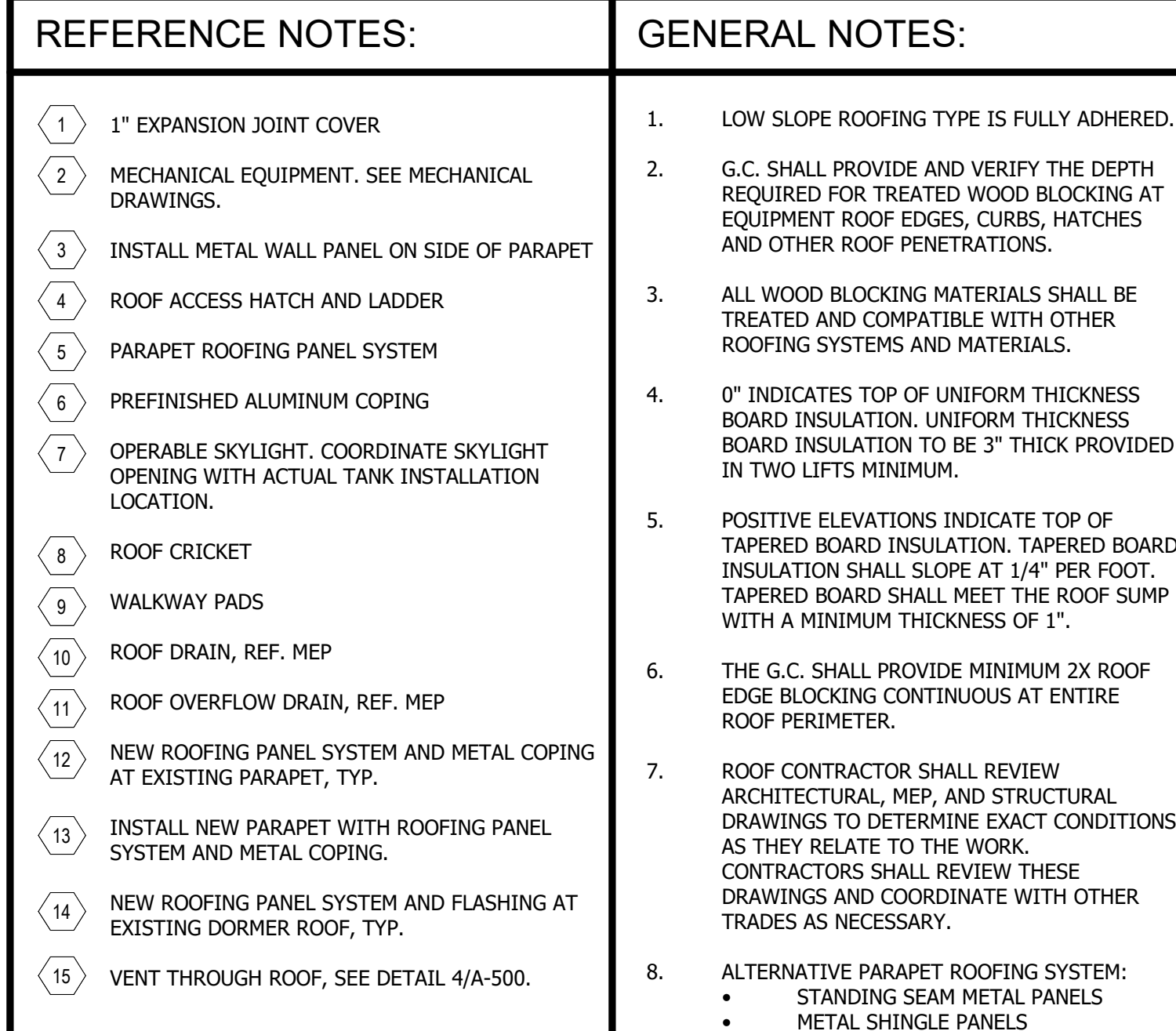
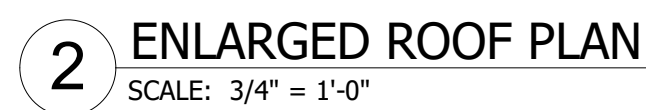
**ODOR CONTROL IMPROVEMENTS  
CENTRAL PARK PUMP STATION  
RCP**

ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



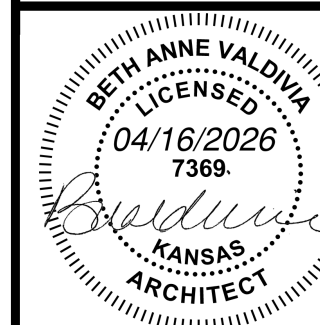
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| DRAWN BY:    | JDD                 |
| APPROVED BY: | BVI                 |
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| CONST PROJ:  | ---                 |
| SCALE:       | AS NOTED            |
| DATE:        | SEPTEMBER 2025/5/20 |
| DRAWING NO:  | <b>A-102</b>        |
| SHEET NO:    | 22 of 52            |





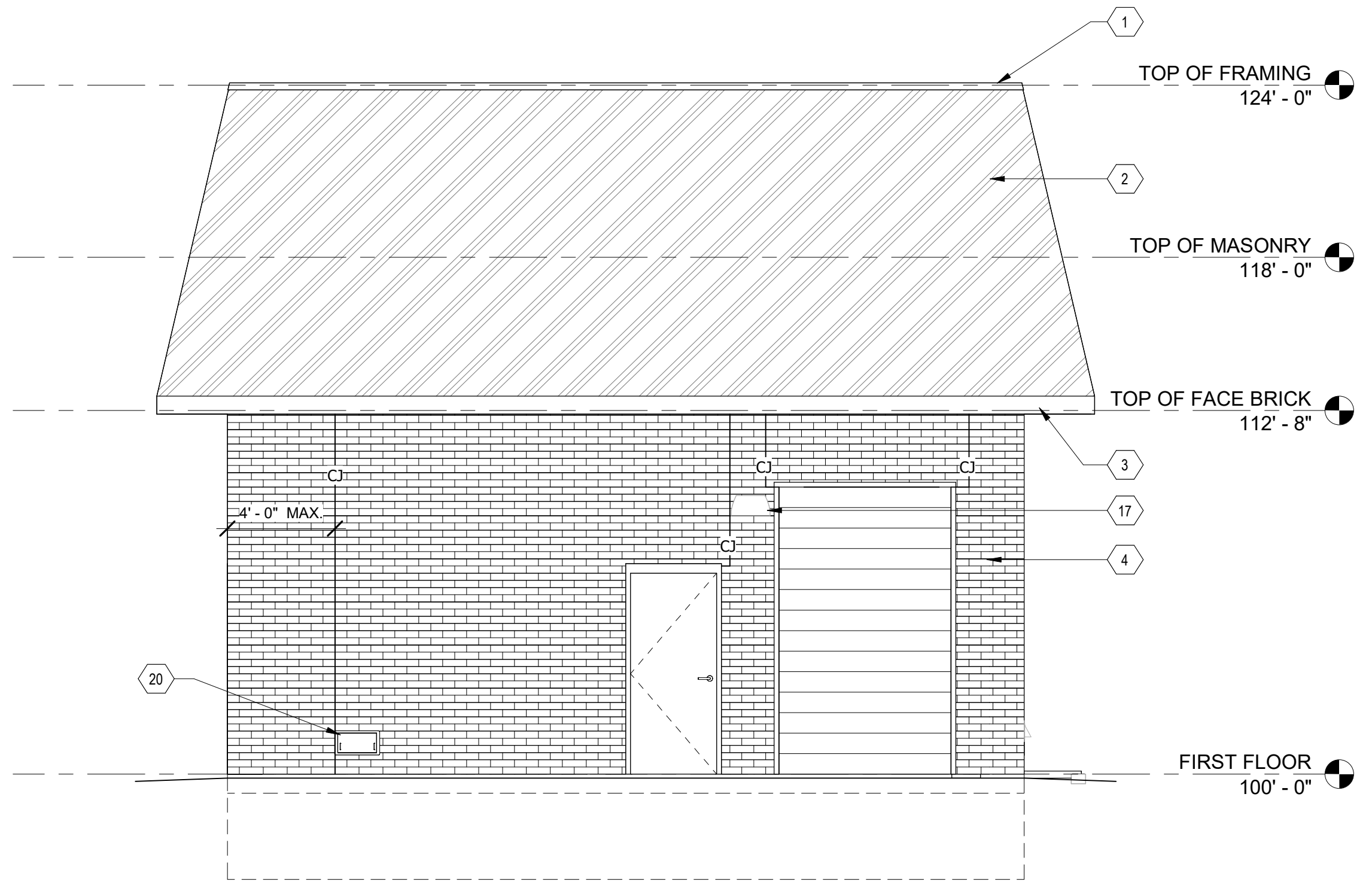
**CONTROL IMPROVEMENTS**  
**RARAL PARK PUMP STATION**  
**ROOF PLAN**

ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS

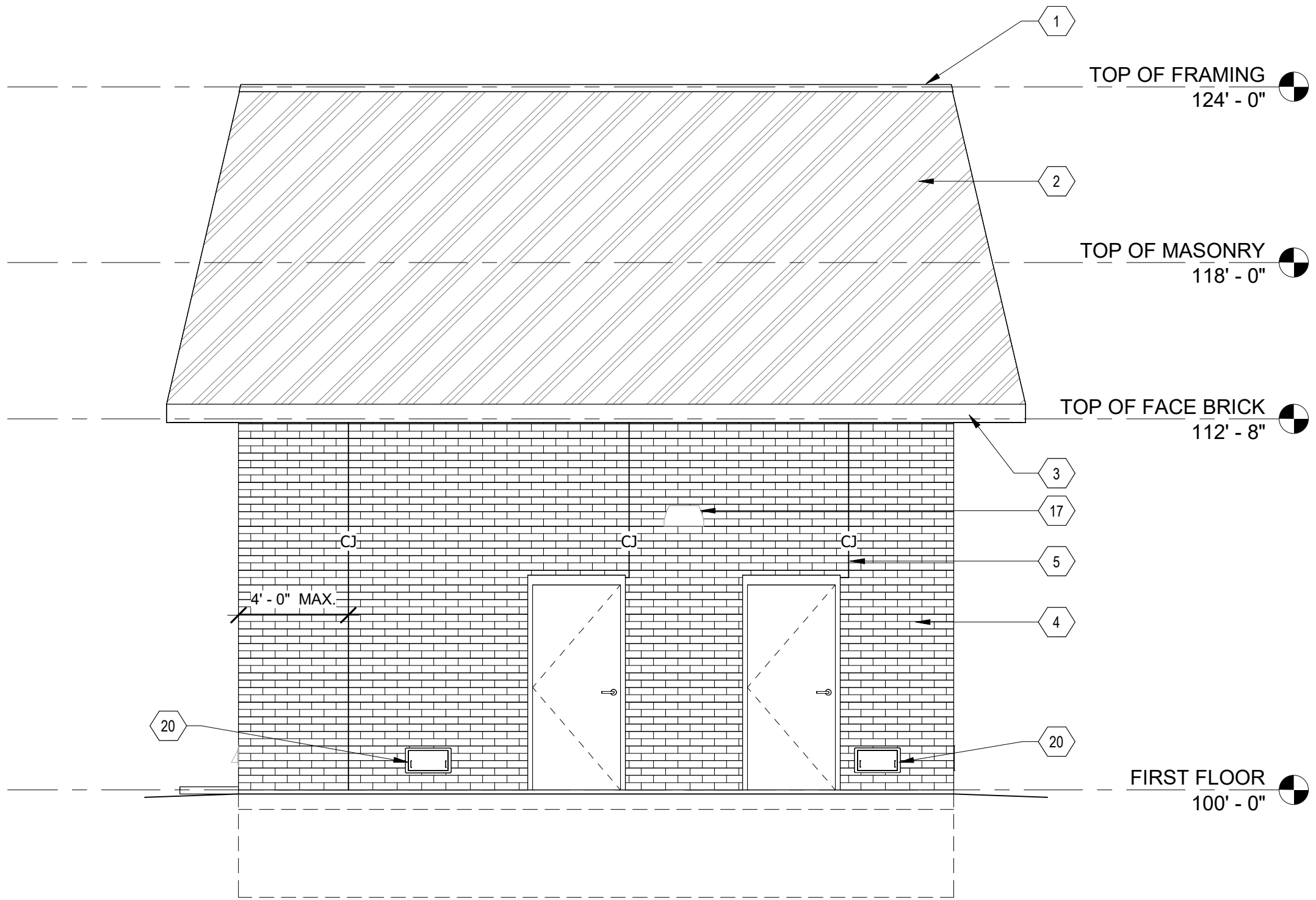


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| DESIGNED BY: | JD             |
| DRAWN BY:    | JD             |
| APPROVED BY: | BV             |
| DESIGN PROJ: | 19637.011      |
| CONST PROJ:  | ---            |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | <b>A-103</b>   |
| SHEET NO:    | 22 of 52       |

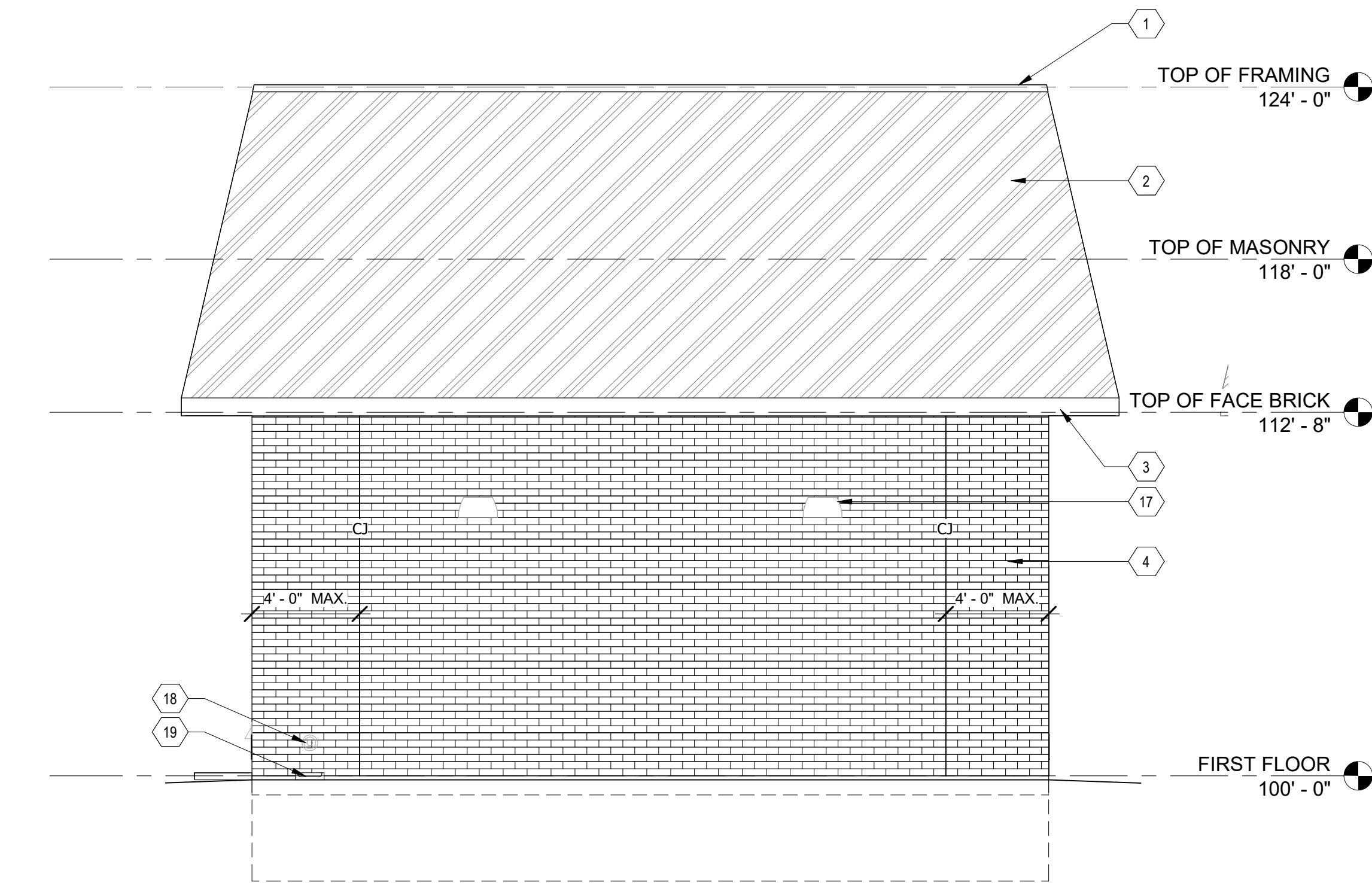




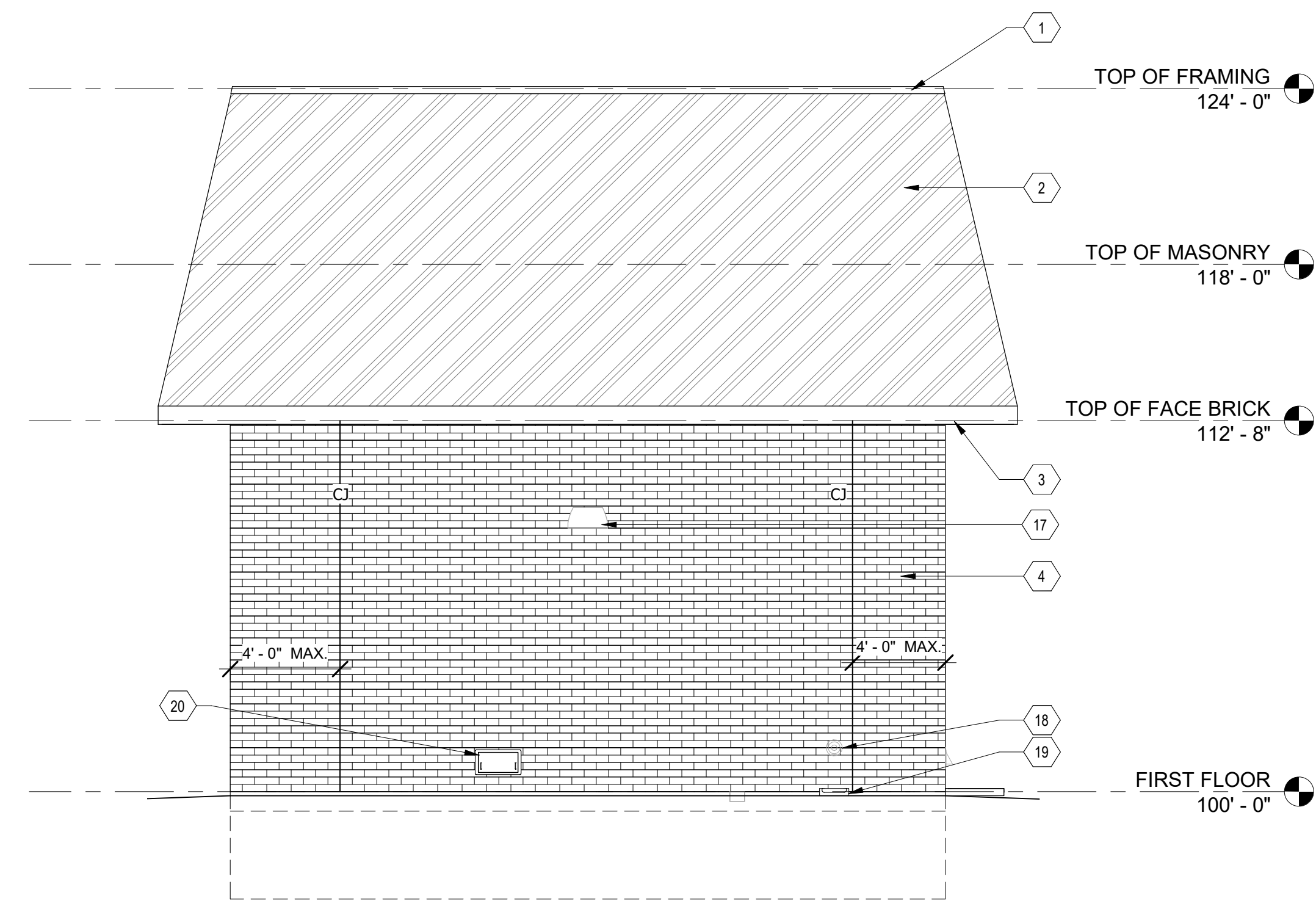
3 EXTERIOR ELEVATION SOUTH  
SCALE: 1/4" = 1'-0"



4 EXTERIOR ELEVATION WEST  
SCALE: 1/4" = 1'-0"



2 EXTERIOR ELEVATION NORTH  
SCALE: 1/4" = 1'-0"



1 EXTERIOR ELEVATION EAST  
SCALE: 1/4" = 1'-0"

REFERENCE NOTES:

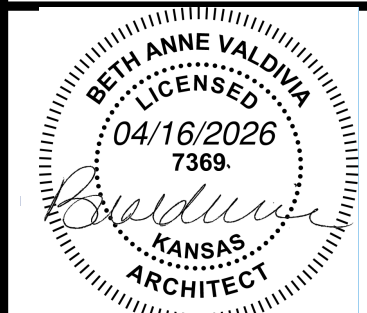
- 1 PREFINISHED METAL COPING
- 2 NEW PARAPET WITH ROOFING PANEL SYSTEM MP-2, REF. FINISH LEGEND
- 3 PREFINISHED ALUMINUM FASCIA
- 4 KING SIZE FACE BRICK BR-1, REF. FINISH LEGEND
- 5 CONTROL JOINTS TO BE LOCATED SEPARATELY ALONG EDGE OF LINTEL AT BRICK AND CMU.
- 6 6' TALL CHAIN LINK FENCE WITH GATES. SEE SHEET D-501 FOR GATE DETAILS.
- 7 METAL WALL PANEL MP-1, REF. FINISH LEGEND
- 8 EXISTING FINISH TO REMAIN, PROTECT DURING CONSTRUCTION
- 9 EXISTING PARAPET TO REMAIN, REPLACE EXISTING ASPHALT SHINGLE WITH ROOFING PANEL SYSTEM MP-2, REF. FINISH LEGEND
- 10 1" EXPANSION JOINT
- 11 OVERLAP METAL COPING AT EXPANSION JOINT. DO NOT ATTACH OVERLAP TO ALLOW FOR MOVEMENT.
- 12 PAINT CMU PT-1, REF. FINISH LEGEND
- 13 METAL WALL PANEL MP-1, REF. FINISH LEGEND
- 14 INSTALL KING BRICK ON SIDE OF SCREEN WALL
- 15 INSTALL METAL WALL PANEL ON SIDE OF SCREEN WALL ABOVE BRICK AND ON SIDE OF PARAPET.
- 16 FLASHING AT JOINTS BETWEEN METAL WALL PANEL AND PARAPET METAL ROOFING PANEL.
- 17 LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
- 18 WALL DOWNSPOUT NOZZLE.
- 19 CONCRETE SPLASH BLOCK.
- 20 INSULATED FLOOD VENT WITH SEAL AND SLEEVES. PLACE 12" MAX. ABOVE FINAL EXTERIOR GRADE, FIT WITHIN ONE FULL CMU BLOCK OPENING. INSTALL PER MANUFACTURE RECOMMENDATIONS.

GENERAL NOTES:

1. LOW SLOPE ROOFING TYPE IS FULLY ADHERED.
2. G.C. SHALL PROVIDE AND VERIFY THE DEPTH REQUIRED FOR TREATED WOOD BLOCKING AT EQUIPMENT ROOF EDGES, CURBS, HATCHES AND OTHER ROOF PENETRATIONS.
3. ALL WOOD BLOCKING MATERIALS SHALL BE TREATED AND COMPATIBLE WITH OTHER ROOFING SYSTEMS AND MATERIALS.
4. SEE MECHANICAL AND ELECTRICAL PLANS FOR DETAILED HVAC AND LIGHTING INFORMATION.
5. ALL TRADES ARE RESPONSIBLE FOR SEALING THEIR RESPECTIVE PENETRATIONS.
6. ALL HM FRAMES IN MASONRY CONSTRUCTION SHALL BE GROUTED SOLID.
7. REFER TO STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.
8. ALTERNATIVE PARAPET ROOFING SYSTEM:
  - STANDING SEAM METAL PANELS
  - METAL SHINGLE PANELS

ODOR CONTROL IMPROVEMENTS  
CENTRAL PARK PUMP STATION  
EXTERIOR ELEVATIONS

ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



|              |                |
|--------------|----------------|
| DESIGNED BY: | JD             |
| DRAWN BY:    | JD             |
| APPROVED BY: | BV             |
| DESIGN PROJ: | 19637.011      |
| CONST PROJ:  | ----           |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | A-200          |
| SHEET NO:    | 24 of 52       |



REFERENCE NOTES:

- 1

PREFINISHED METAL COPING
- 2

NEW PARAPET WITH ROOFING PANEL SYSTEM MP-2, REF. FINISH LEGEND
- 3

PREFINISHED ALUMINUM FASCIA
- 4

KING SIZE FACE BRICK BR-1, REF. FINISH LEGEND
- 5

CONTROL JOINTS TO BE LOCATED SEPARATELY ALONG EDGE OF LINTEL AT BRICK AND CMU.
- 6

6' TALL CHAIN LINK FENCE WITH GATES. SEE SHEET D-501 FOR GATE DETAILS.
- 7

METAL WALL PANEL MP-1, REF. FINISH LEGEND
- 8

EXISTING FINISH TO REMAIN, PROTECT DURING CONSTRUCTION
- 9

EXISTING PARAPET TO REMAIN, REPLACE EXISTING ASPHALT SHINGLE WITH ROOFING PANEL SYSTEM MP-2, REF. FINISH LEGEND
- 10

1" EXPANSION JOINT
- 11

OVERLAP METAL COPING AT EXPANSION JOINT. DO NOT ATTACH OVERLAP TO ALLOW FOR MOVEMENT.
- 12

PAINT CMU PT-1, REF. FINISH LEGEND
- 13

METAL WALL PANEL MP-1, REF. FINISH LEGEND
- 14

INSTALL KING BRICK ON SIDE OF SCREEN WALL
- 15

INSTALL METAL WALL PANEL ON SIDE OF SCREEN WALL ABOVE BRICK AND ON SIDE OF PARAPET.
- 16

FLASHING AT JOINTS BETWEEN METAL WALL PANEL AND PARAPET METAL ROOFING PANEL.
- 17

LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
- 18

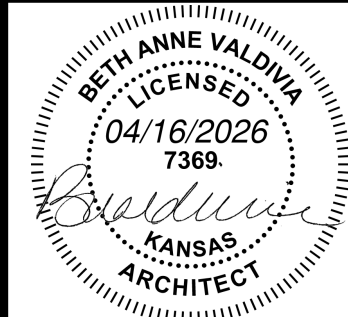
WALL DOWNSPOUT NOZZLE.
- 19

CONCRETE SPLASH BLOCK.
- 20

INSULATED FLOOD VENT WITH SEAL AND SLEEVES. PLACE 12" MAX. ABOVE FINAL EXTERIOR GRADE, FIT WITHIN ONE FULL CMU BLOCK OPENING. INSTALL PER MANUFACTURE RECOMMENDATIONS.

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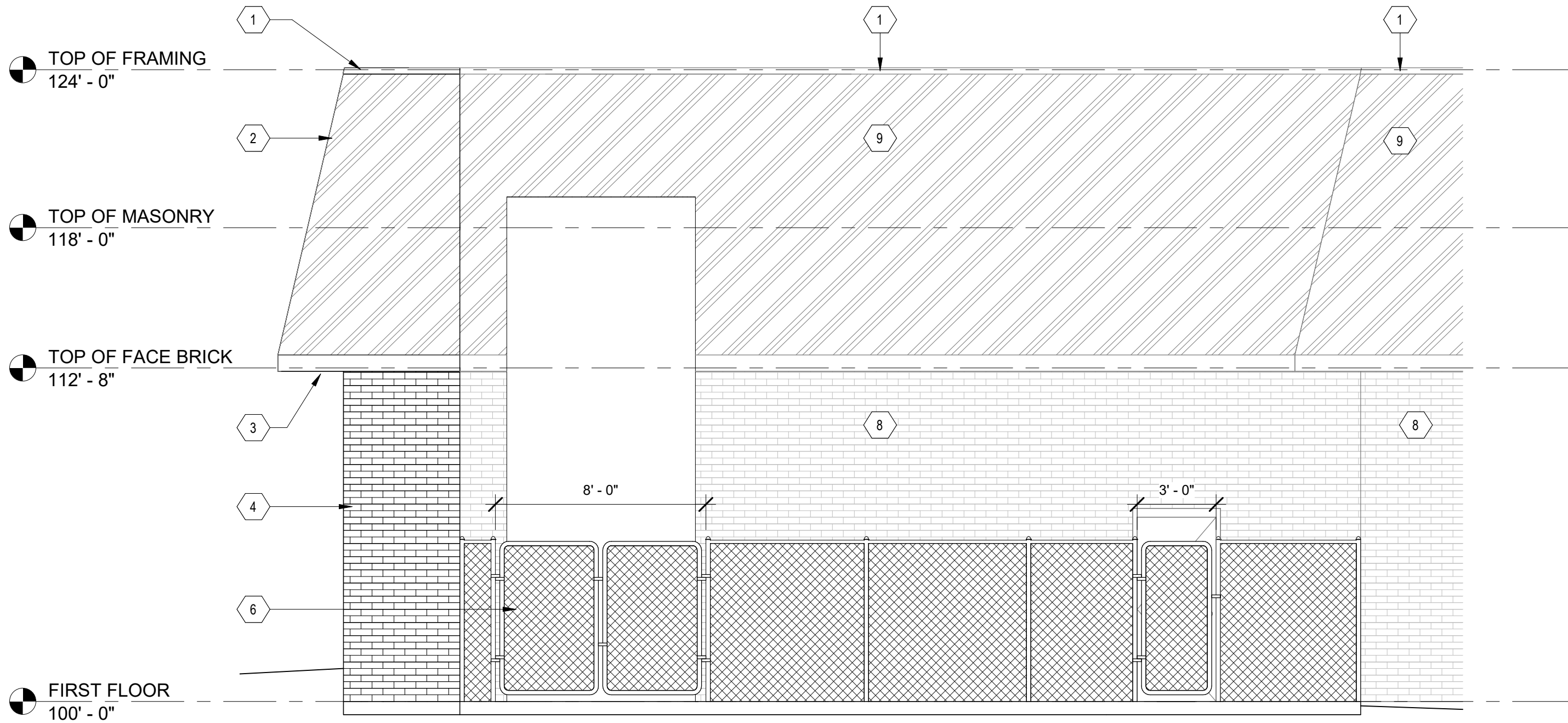
**ODOR CONTROL IMPROVEMENTS  
CENTRAL PARK PUMP STATION  
EXTERIOR ELEVATIONS**  
ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



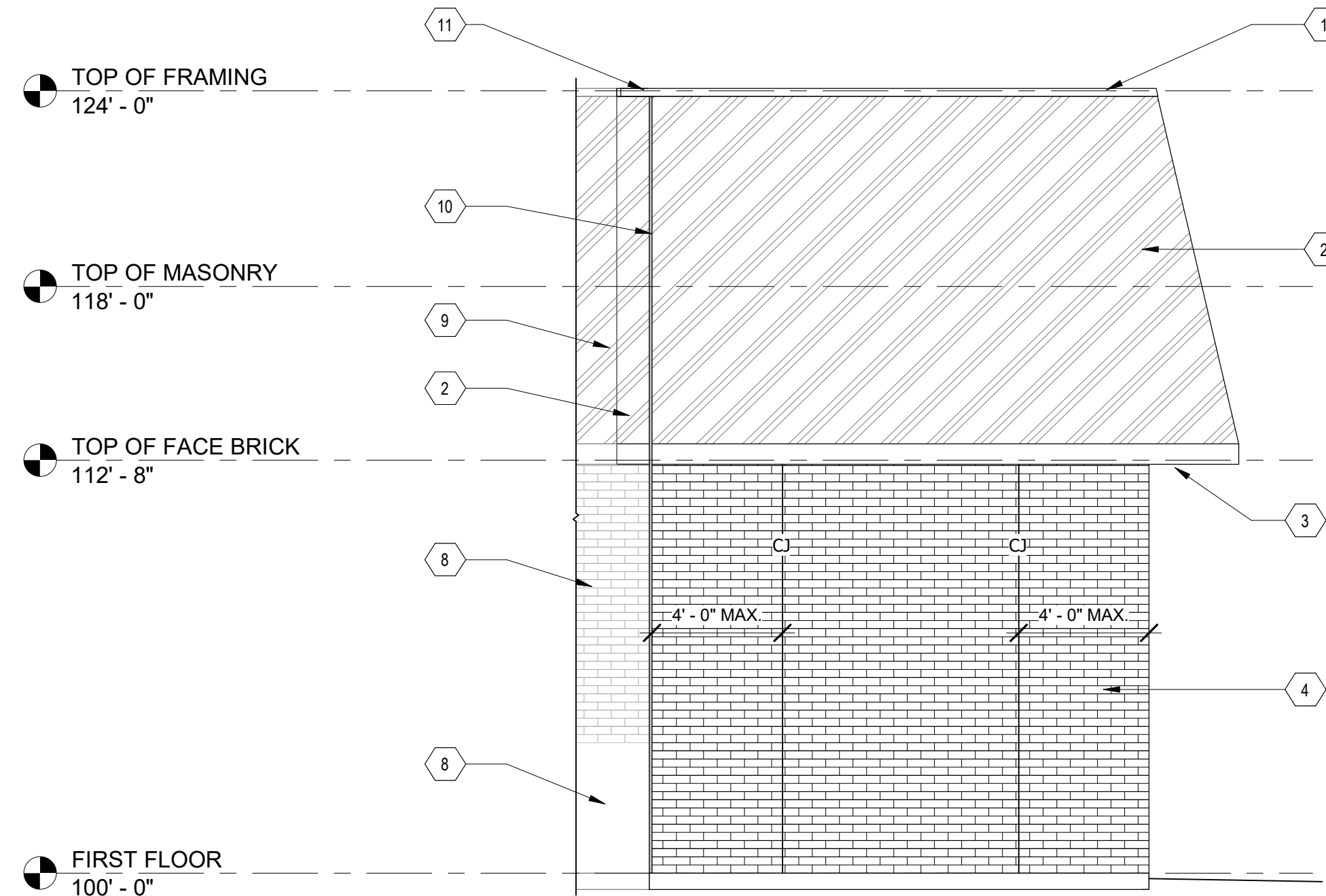
|              |                |
|--------------|----------------|
| DESIGNED BY: | JD             |
| DRAWN BY:    | JD             |
| APPROVED BY: | BV             |
| DESIGN PROJ: | 19637.011      |
| CONST PROJ:  | ---            |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | <b>A-201</b>   |
| SHEET NO:    | 25 of 52       |

GENERAL NOTES:

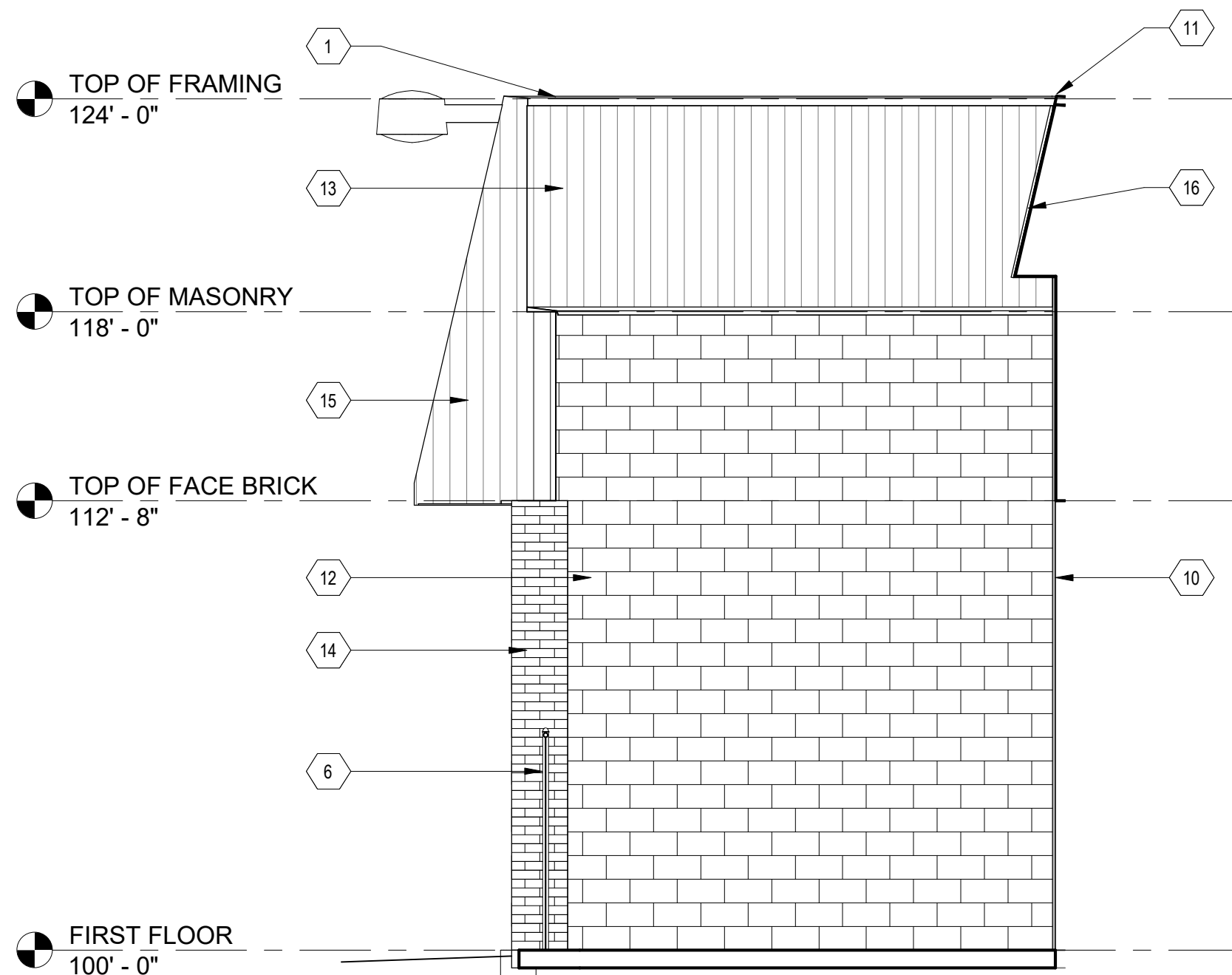
- LOW SLOPE ROOFING TYPE IS FULLY ADHERED.
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- ALL WOOD BLOCKING MATERIALS SHALL BE TREATED AND COMPATIBLE WITH OTHER ROOFING SYSTEMS AND MATERIALS.
- SEE MECHANICAL AND ELECTRICAL PLANS FOR DETAILED HVAC AND LIGHTING INFORMATION.
- ALL TRADES ARE RESPONSIBLE FOR SEALING THEIR RESPECTIVE PENETRATIONS.
- ALL HM FRAMES IN MASONRY CONSTRUCTION SHALL BE GROUTED SOLID.
- REFER TO STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.
- ALTERNATIVE PARAPET ROOFING SYSTEM:
  - STANDING SEAM METAL PANELS
  - METAL SHINGLE PANELS



**1 SCREEN WALL SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**2 SCREEN WALL WEST ELEVATION**  
SCALE: 1/4" = 1'-0"



**3 SCREEN WALL EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



| REFERENCE NOTES: |      |             |    |
|------------------|------|-------------|----|
|                  |      |             |    |
|                  |      |             |    |
|                  |      |             |    |
|                  |      |             |    |
| #                | DATE | DESCRIPTION | BY |
|                  |      |             |    |
|                  |      |             |    |
|                  |      |             |    |
|                  |      |             |    |

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ODOR CONTROL IMPROVEMENTS  
CENTRAL PARK PUMP STATION  
BUILDING SECTIONS  
ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS

GENERAL NOTES:

1.

LOW SLOPE ROOFING TYPE IS FULLY ADHERED.

2.

G.C. SHALL PROVIDE AND VERIFY THE DEPTH REQUIRED FOR TREATED WOOD BLOCKING AT EQUIPMENT ROOF EDGES, CURBS, HATCHES AND OTHER ROOF PENETRATIONS.

3.

ALL WOOD BLOCKING MATERIALS SHALL BE TREATED AND COMPATIBLE WITH OTHER ROOFING SYSTEMS AND MATERIALS.

4.

SEE MECHANICAL AND ELECTRICAL PLANS FOR DETAILED HVAC AND LIGHTING INFORMATION.

5.

ALL TRADES ARE RESPONSIBLE FOR SEALING THEIR RESPECTIVE PENETRATIONS.

6.

ALL HM FRAMES IN MASONRY CONSTRUCTION SHALL BE GROUTED SOLID.

7.

REFER TO STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.

8.

ALTERNATIVE PARAPET ROOFING SYSTEM:

- STANDING SEAM METAL PANELS
- METAL SHINGLE PANELS

RTM ANNE VALDIVIA  
LICENSED  
04/16/2026  
7369  
Bartlett & West  
ARCHITECT  
KANSAS

DESIGNED BY: JD

DRAWN BY: JD

APPROVED BY: BV

DESIGN PROJ: 19637.011

CONST PROJ: ---

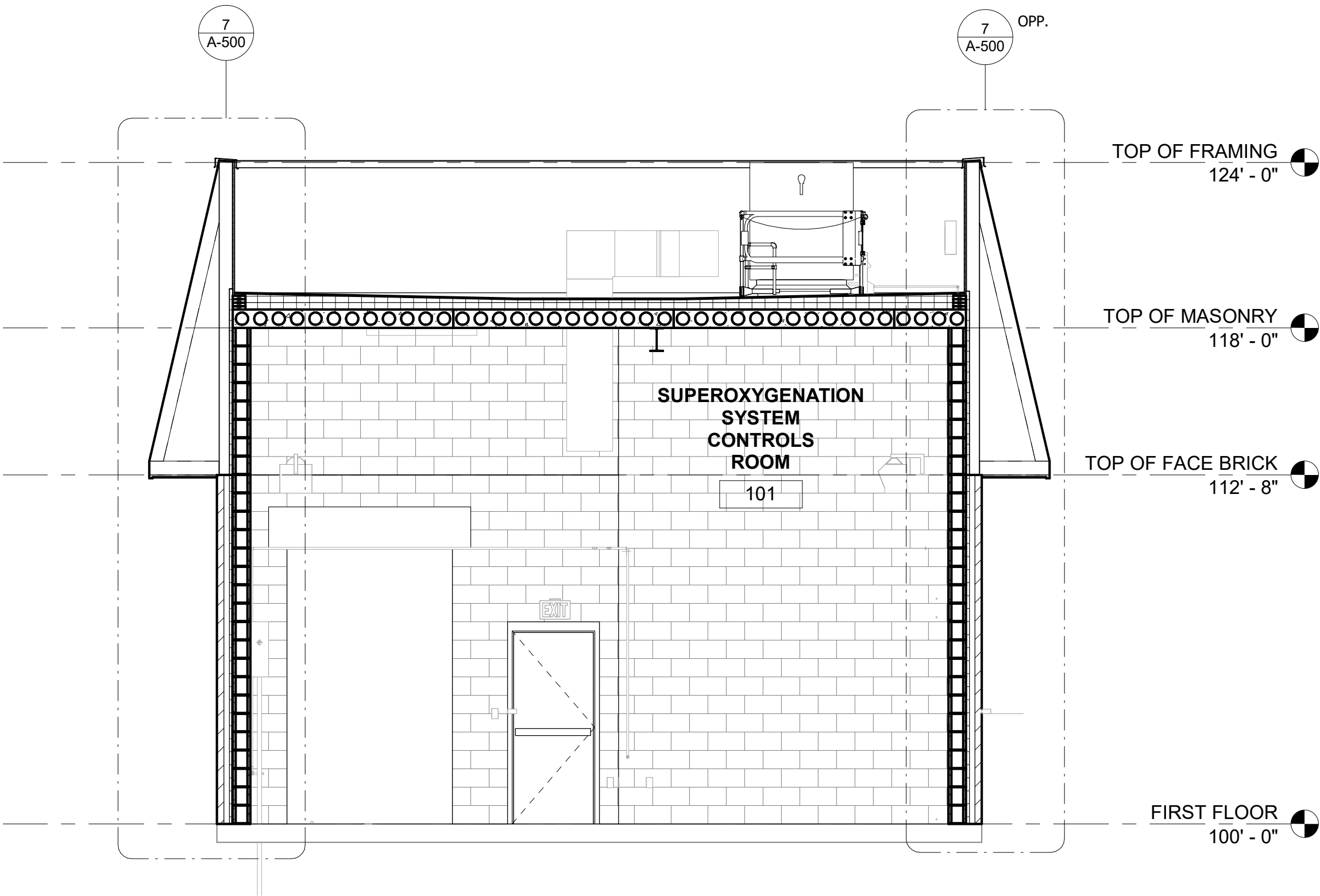
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DATE: SEPTEMBER 2025

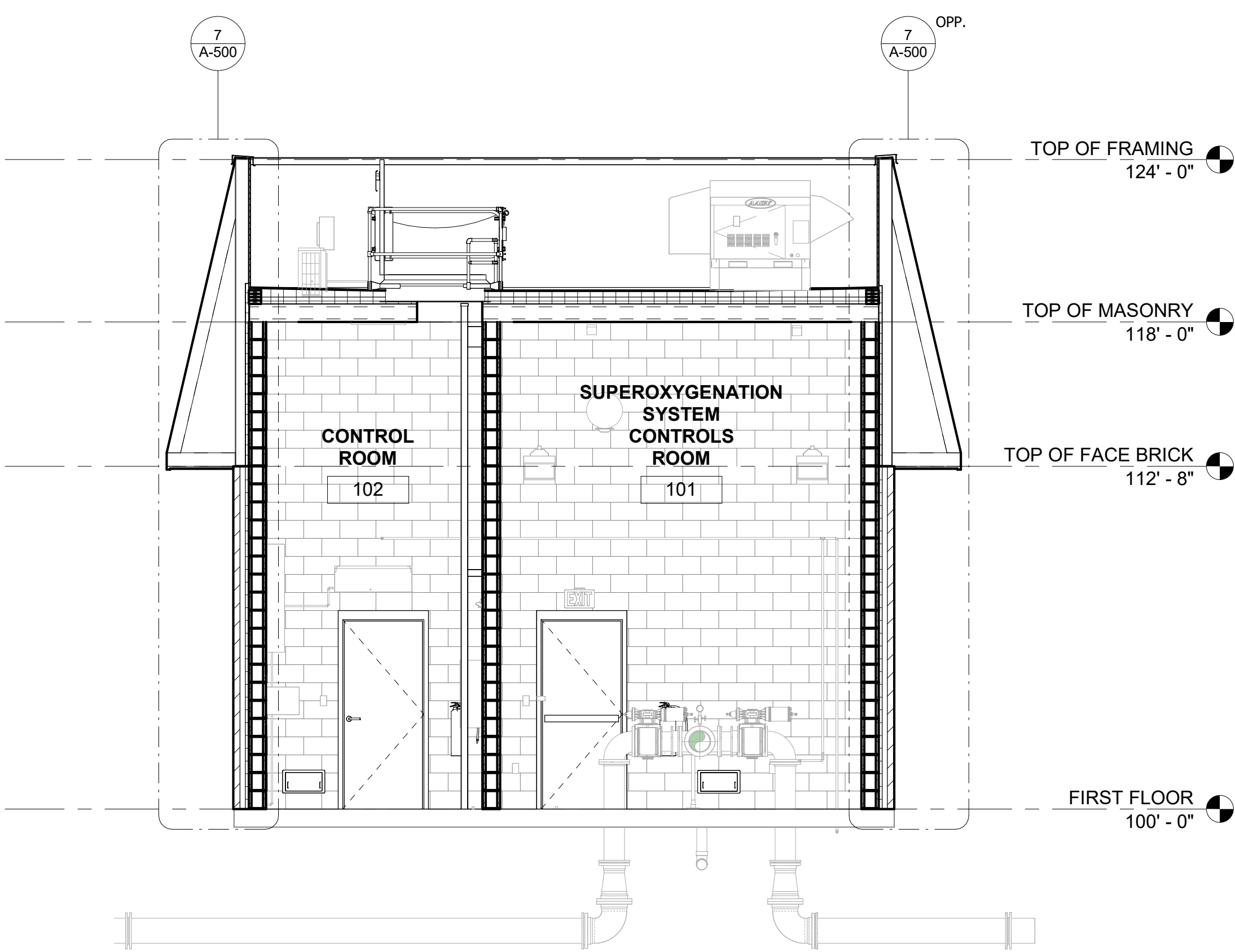
DRAWING NO:

A-300

SHEET NO: 26 of 52



2 BUILDING SECTION - EAST WEST  
SCALE: 1/4" = 1'-0"



1 BUILDING SECTION - NORTH SOUTH  
SCALE: 1/4" = 1'-0"





A detailed cross-section diagram of a curb and parapet assembly. The diagram shows the following components from top to bottom and left to right:

- METAL CAP OR COUNTER FLASHING**: The topmost layer on the left side of the curb.
- RUBBER ROD STOCK ADHERED IN PLACE**: A rod running horizontally through the top of the curb.
- PRE-MANUFACTURED INSULATED CURB, ANCHOR TO BLOCKING/DECK PER MFR. RECOMMENDATION**: The main vertical structure of the curb.
- BONDING ADHESIVE**: The layer between the curb and the membrane.
- EPDM MEMBRANE**: The waterproofing layer on the curb.
- CANT STRIP SEALANT**: The sealant at the base of the curb.
- LAP SEALANT**: The sealant between the curb and the roof deck.
- MODIFIED BITUMEN ROOFING**: The roofing layer on the deck.
- 1/2" COVER BOARD**: The top layer of the roof deck.
- INSULATION**: The layer below the cover board.
- HOLLOW CORE CONCRETE SLAB**: The base structure of the roof deck.
- CONTINUOUS TREATED 2X6 WOOD NAILERS ATTACHED TO DECK**: The bottom layer of the roof deck.

NOTE: OVERFLOW ROOF DRAIN (ORD) SIM. W/ FLOW LINE 2" HIGHER

UNICURED ELASTOFORM FLASHING OR PRESSURE SENSITIVE FLASHING (IN CONJUNCTION WITH PRIMER)

PRE-MOLDED PIPE SEAL

APPROX. 1/2"

VENT BY OTHERS

LAP SEALANT

WATER CUT-OFF MASTIC

STAINLESS STEEL CLAMPING RING

SEALANT

SPLICING CEMENT

LAP SEALANT

MODIFIED BITUMEN ROOFING

INSULATION

SEE ROOFING MANUFACTURER'S SPECIFIC  
DETAILS AND RECOMENDED  
INSTALLATION PROCEDURES.

1'-0"

EPDM MEMBRANE

TERMINATION BAR

SHEET METAL COUNTER FLASHING

15/32" MARINE-GRADE PLYWOOD SHEATHING

CANT STRIP

MODIFIED BITUMEN ROOFING

1/2" COVER BOARD

TAPERED ROOF INSULATION

TOP OF FRAMING  
124' - 0"

TOP OF MASONRY  
118' - 0"

TOP OF FACE BRICK  
112' - 8"

 FIRST FLOOR  
100' - 0"

OF FRAMING  
- 0"

PREFINISHED ALUMINUM COPING

2X TREATED WOOD ANCHOR TO FRAMING

15/32" MARINE-GRADE PLYWOOD SHEATHING

4" MIN.

4" MIN.

EPDM MEMBRANE @ SIDEWALL EXTEND EPDM OVER COPING NAILER AND ROOF FLASHING

SURFACE ATTACH COUNTER FLASHING CANT STRIP

2X6 TREATED WOOD NAILER FASTEN TO DECK

MODIFIED BITUMEN ROOFING

1/2" COVER BOARD

TAPERED ROOF INSULATION

5  
A-500

OF MASONRY  
- 0"

1'-0"

4'-3 3/8"

PREFABRICATED METAL TRUSSES @ 24" O.C. ATTACH TO BOND BEAM. PROVIDE 4 1/4" MIN. EMBED. SEE STRUCTURAL DRAWINGS

WEATHER BARRIER

NEW PARAPET ROOFING PANEL SYSTEM

6  
A-500

2X8 WOOD FASCIA

OF FACE BRICK  
- 8"

3'-0 1/2"

PREFINISHED ALUM TRIM

PREFINISHED ALUMINUM SOFFIT W/ VENTED PANELS

2 3/8" AIR SPACE

1 1/2" RIGID INSULATION

WEATHER BARRIER

KING SIZE FACE BRICK

8" CONCRETE BLOCK WALL, PAINT INTERIOR SIDE

METAL WALL TIE

1'-2 1/2"

12' - 8" LIMITS OF KING BRICK

19 FULL CMU BRICK

WEEPS @ 24" O.C.

THRU WALL METAL FLASHING

2" CONTINUOUS RIGID INSULATION R-10 MIN. 24" DEEP

FILL VOID WITH GROUT

CONCRETE FOOTING, REF. STRUCTURAL DRAWINGS

2" PERIMETER INSULATION

ST FLOOR  
- 0"

VAPOR BARRIER



|    |                                                                                                                                                    |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | LOW SLOPE ROOFING TYPE IS FULLY ADHERED.                                                                                                           |
| 2. | G.C. SHALL PROVIDE AND VERIFY THE DEPTH REQUIRED FOR TREATED WOOD BLOCKING AT EQUIPMENT ROOF EDGES, CURBS, HATCHES AND OTHER ROOF PENETRATIONS.    |
| 3. | ALL WOOD BLOCKING MATERIALS SHALL BE TREATED AND COMPATIBLE WITH OTHER ROOFING SYSTEMS AND MATERIALS.                                              |
| 4. | SEE MECHANICAL AND ELECTRICAL PLANS FOR DETAILED HVAC AND LIGHTING INFORMATION.                                                                    |
| 5. | ALL TRADES ARE RESPONSIBLE FOR SEALING THEIR RESPECTIVE PENETRATIONS.                                                                              |
| 6. | ALL HM FRAMES IN MASONRY CONSTRUCTION SHALL BE GROUTED SOLID.                                                                                      |
| 7. | REFER TO STRUCTURAL DRAWINGS FOR MASONRY REINFORCEMENT.                                                                                            |
| 8. | ALTERNATIVE PARAPET ROOFING SYSTEM: <ul style="list-style-type: none"> <li>• STANDING SEAM METAL PANELS</li> <li>• METAL SHINGLE PANELS</li> </ul> |

## ODOR CONTROL IMPROVEMENTS CENTRAL PARK PUMP STATION DETAILS

## ODOR CONTROL IMPROVEMENTS TOPEKA, KANSAS

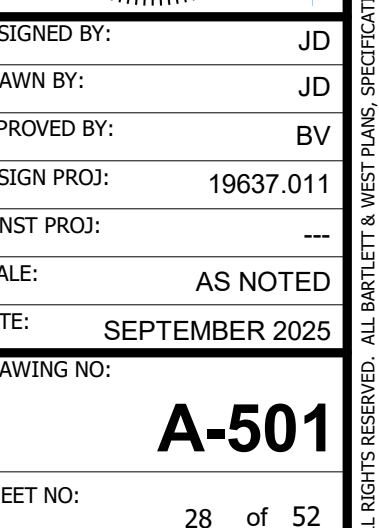
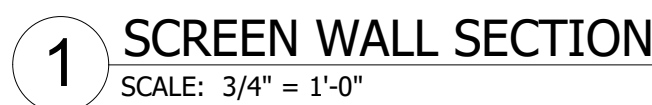
**Bartlett & West**

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**PHONE 785-2722252 - FAX**  
**www.bartlettwest.com**

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|              |                |
|--------------|----------------|
| DESIGNED BY: | JD             |
| DRAWN BY:    | JD             |
| APPROVED BY: | BV             |
| DESIGN PROJ: | 19637.011      |
| CONST PROJ:  | ---            |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | <b>A-500</b>   |
| SHEET NO:    | 27 of 52       |





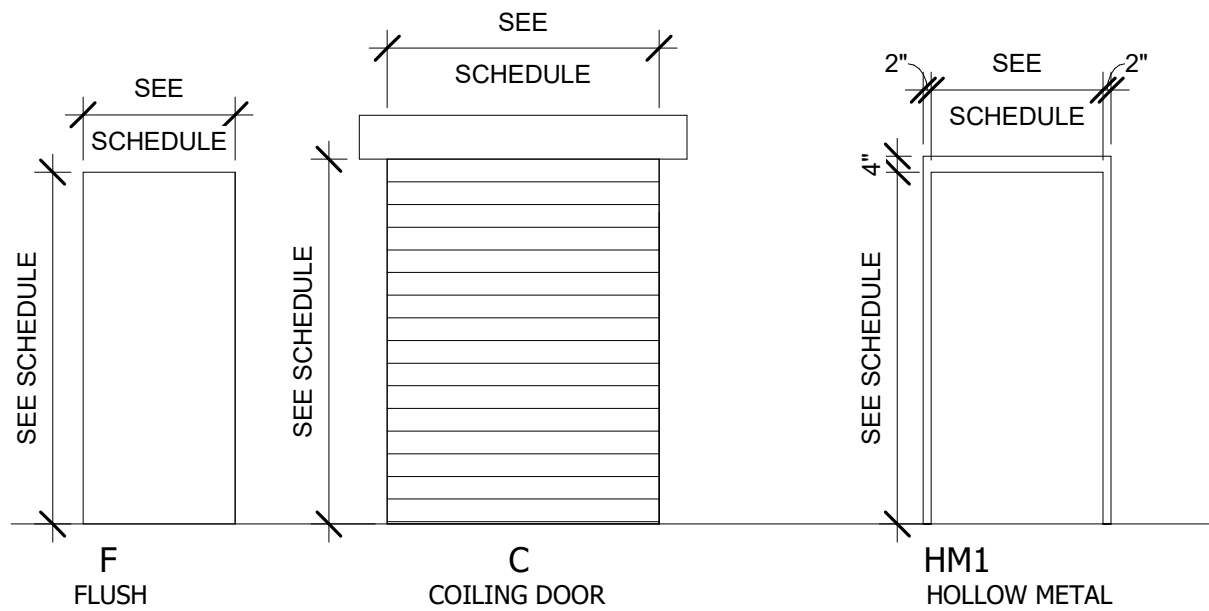


| FINISH LEGEND |               |                                                                        |       |                 |                                             |  |
|---------------|---------------|------------------------------------------------------------------------|-------|-----------------|---------------------------------------------|--|
| BRICK         |               |                                                                        | PAINT |                 |                                             |  |
| BR-1          | MANUFACTURER: | KANSAS BRICK & TILE                                                    | PT-1  | MANUFACTURER:   | TBD                                         |  |
|               | COLOR:        | SANTA FE                                                               |       | COLOR:          | WHITE                                       |  |
|               | SIZE:         | KING                                                                   |       | FINISH:         | SEMI-GLOSS                                  |  |
|               | APPLICATION:  | EXTERIOR WALLS                                                         |       | APPLICATION:    | CMU WALLS                                   |  |
| METAL PANEL   |               |                                                                        | PT-2  | MANUFACTURER:   | TBD                                         |  |
| MP-1          | PRODUCT:      | FLUSH METAL WALL PANEL                                                 |       | COLOR:          | WHITE                                       |  |
|               | COLOR:        | STANDARD SELECTION                                                     |       | FINISH:         | DRYFALL                                     |  |
|               | APPLICATION:  | BACKSIDE OF SCREEN WALL                                                |       | APPLICATION:    | UNDERSIDE OF CONC. SLAB/ OVERHEAD STRUCTURE |  |
|               |               |                                                                        |       | SEALED CONCRETE |                                             |  |
| MP-2          | PRODUCT:      | OPTION 1: STANDING SEAM METAL PANELS<br>OPTION 2: METAL SHINGLE PANELS | SCONC | FINISH:         | SEALED CONCRETE                             |  |
|               | COLOR:        | STANDARD SELECTION                                                     |       | APPLICATION:    | FLOOR                                       |  |
|               |               |                                                                        |       |                 |                                             |  |
|               | APPLICATION:  | PARAPET ROOF                                                           |       |                 |                                             |  |

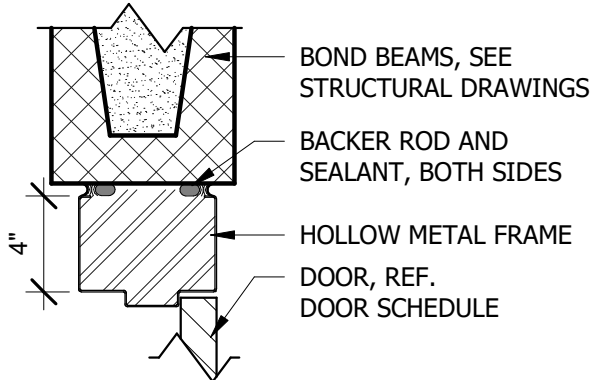
| FINISH SCHEDULE |                                       |               |             |       |      |      |         |            |  |  |
|-----------------|---------------------------------------|---------------|-------------|-------|------|------|---------|------------|--|--|
| ROOM NUMBER     | ROOM NAME                             | FLOOR         | WALL FINISH |       |      | BASE | CEILING | COMMENTS   |  |  |
|                 |                                       |               | NORTH       | SOUTH | WEST | EAST |         |            |  |  |
| 101             | SUPEROXYGENATION SYSTEM CONTROLS ROOM | SCONC         | PT-1        | PT-1  | PT-1 | PT-1 | CMU     | OTS - PT-2 |  |  |
| 102             | CONTROL ROOM                          | SCONC         | PT-1        | PT-1  | PT-1 | PT-1 | CMU     | OTS - PT-2 |  |  |
| 103             | OPERATING ROOM                        |               |             |       |      |      |         |            |  |  |
| 104             | SCREENING ROOM                        | Door Schedule |             |       |      |      |         |            |  |  |
| 105             | TANK/VAPORIZER                        | FRAME         |             |       |      |      |         |            |  |  |

| MARK | DOOR    |          |        | EL | MAT   | SIZE    |          |        | EL  | MAT | DETAIL |      |      | RATING | HW Set | REMARKS                              | MATERIAL TEST |
|------|---------|----------|--------|----|-------|---------|----------|--------|-----|-----|--------|------|------|--------|--------|--------------------------------------|---------------|
|      | WD      | HGT      | THK    |    |       | WD      | HGT      | THK    |     |     | HEAD   | JAMB | SILL |        |        |                                      |               |
| 101A | 3' - 0" | 7' - 0"  | 1 3/4" | F  | HM    | 3' - 4" | 7' - 4"  | 5 3/4" | HM1 | HM  | 6      | 5    | 4    |        | 1      | MOTOR OPERATED COILING OVERHEAD DOOR |               |
| 101B | 6' - 0" | 10' - 0" | 3"     | C  | STEEL | 6' - 0" | 10' - 0" |        |     |     | 3      | 2    | 1    |        |        |                                      |               |
| 101C | 3' - 0" | 7' - 0"  | 1 3/4" | F  | HM    | 3' - 4" | 7' - 4"  | 5 3/4" | HM1 | HM  | 6      | 5    | 4    |        | 1      |                                      |               |
| 101D | 3' - 0" | 7' - 0"  | 1 3/4" | F  | HM    | 3' - 4" | 7' - 4"  | 5 3/4" | HM1 | HM  | 8      | 7    |      |        | 2      |                                      |               |
| 102  | 3' - 0" | 7' - 0"  | 1 3/4" | F  | HM    | 3' - 4" | 7' - 4"  | 5 3/4" | HM1 | HM  | 6      | 5    | 4    |        | 1      |                                      |               |

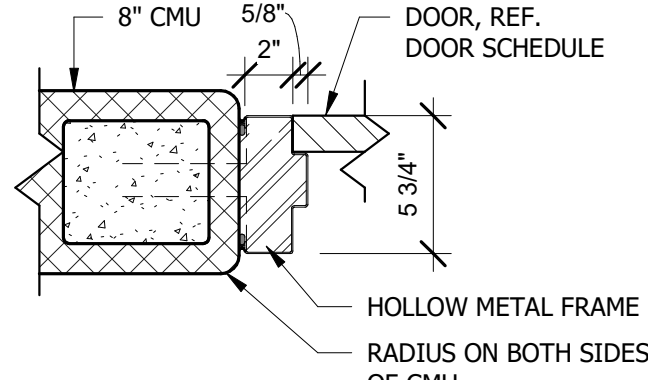
| Door Hardware Schedule |     |                 |                  |                |                           |                |               |       |           |           |          |                                  |                                                                                                                                            |  |  |
|------------------------|-----|-----------------|------------------|----------------|---------------------------|----------------|---------------|-------|-----------|-----------|----------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| HW SET                 | QTY | HINGES          |                  | LATCH          | EXIT DEVICE               | CLOSER         | GASKET        | SWEEP | THRESHOLD | STOPS     | SILENCER | PLATE                            | REMARKS                                                                                                                                    |  |  |
|                        |     | SIZE            | DESIGN BASIS     |                |                           |                |               |       |           |           |          |                                  |                                                                                                                                            |  |  |
| 1                      | 3   | 4 1/2" X 4 1/2" | BB1191 NRP US32D | SEE REMARKS    | QEL-99-NLOP-626 20-79 626 | 4040XP-CUSH-AL | SS88BL 5110BL | 964D  | S205D     |           |          | 8400 10"x2" LDW-B-CS (PUSH SIDE) | PROVIDE IVES 8103 10" PULL 626. PROVIDE VON DUPRIN EPT-10 SP28 ELECTRIC POWER TRANSFER. PROVIDE VON DUPRIN PS902-900-2RS-QEL POWER SUPPLY. |  |  |
| 2                      | 3   | 4 1/2" X 4 1/2" | 1279 US26D       | ND80PD-RHO-626 |                           |                |               |       |           | 3211T-32D | 307D     | 8400 10"x2" LDW-B-CS (PUSH SIDE) |                                                                                                                                            |  |  |



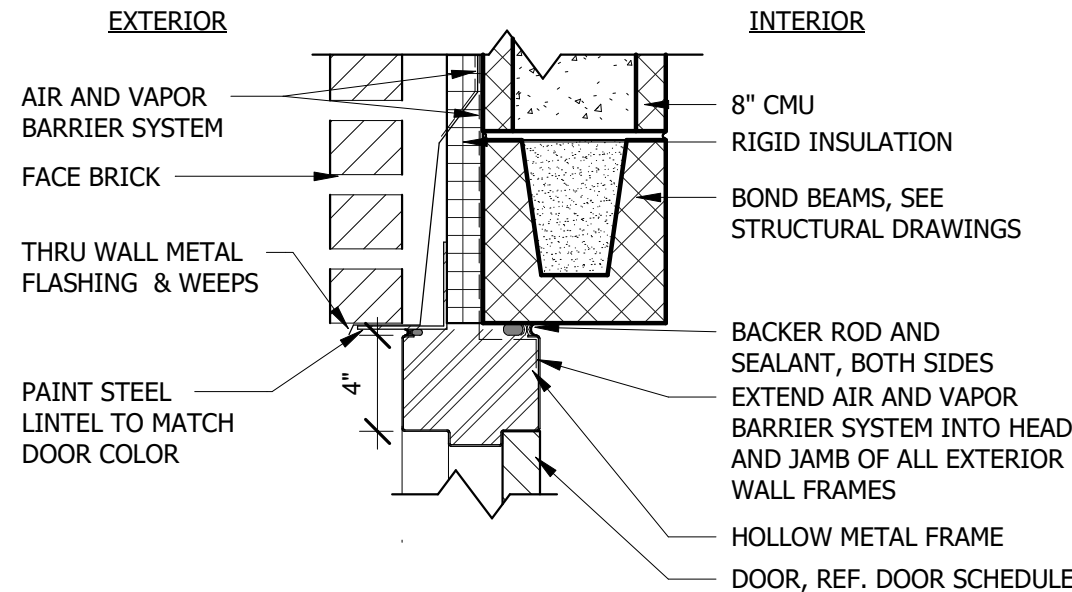
9 DOOR AND FRAME ELEVATIONS  
SCALE: 1/4" = 1'-0"



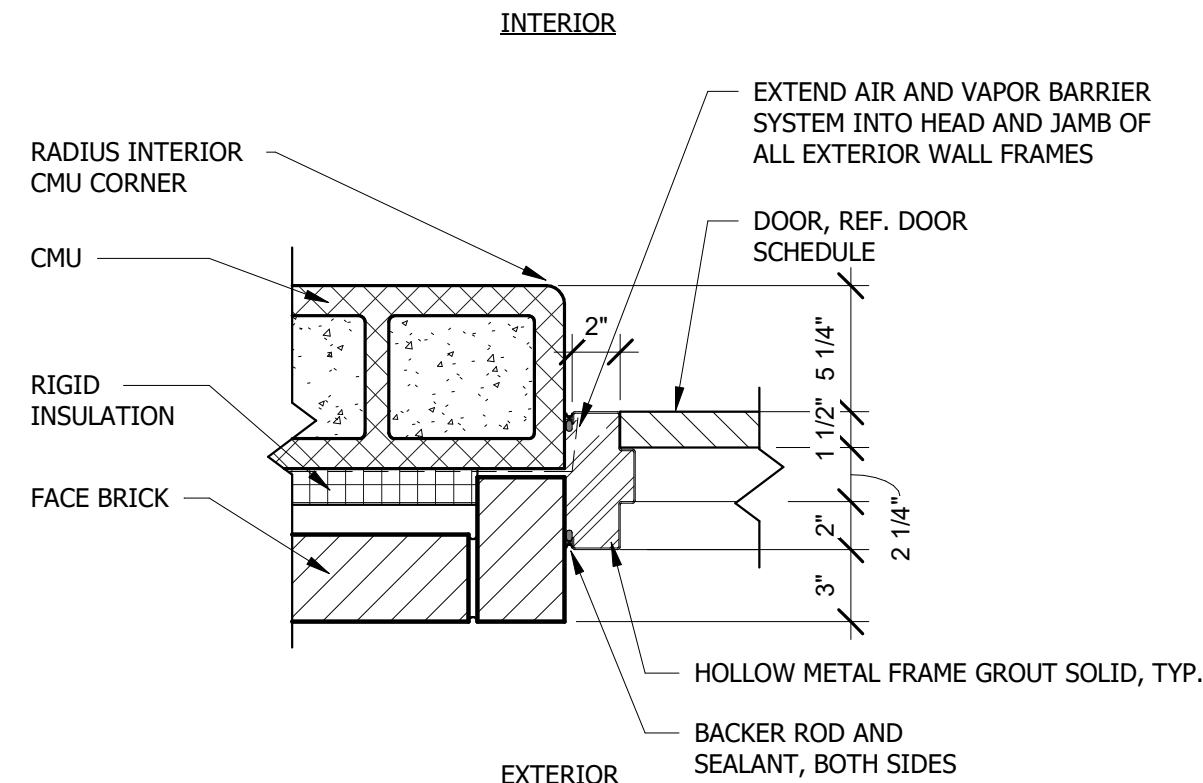
8 INTERIOR HEAD DETAIL  
SCALE: 1 1/2" = 1'-0"



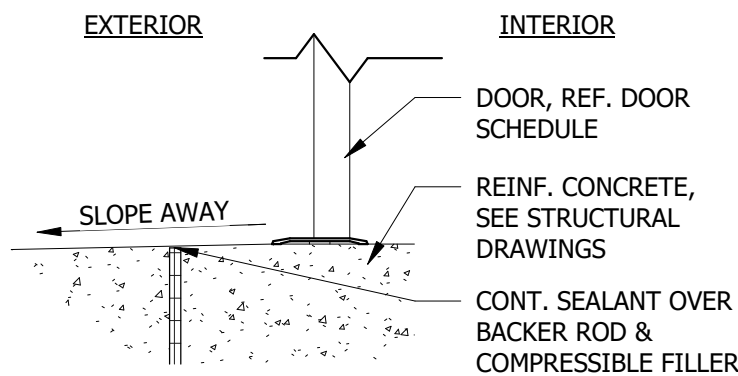
7 INTERIOR JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"



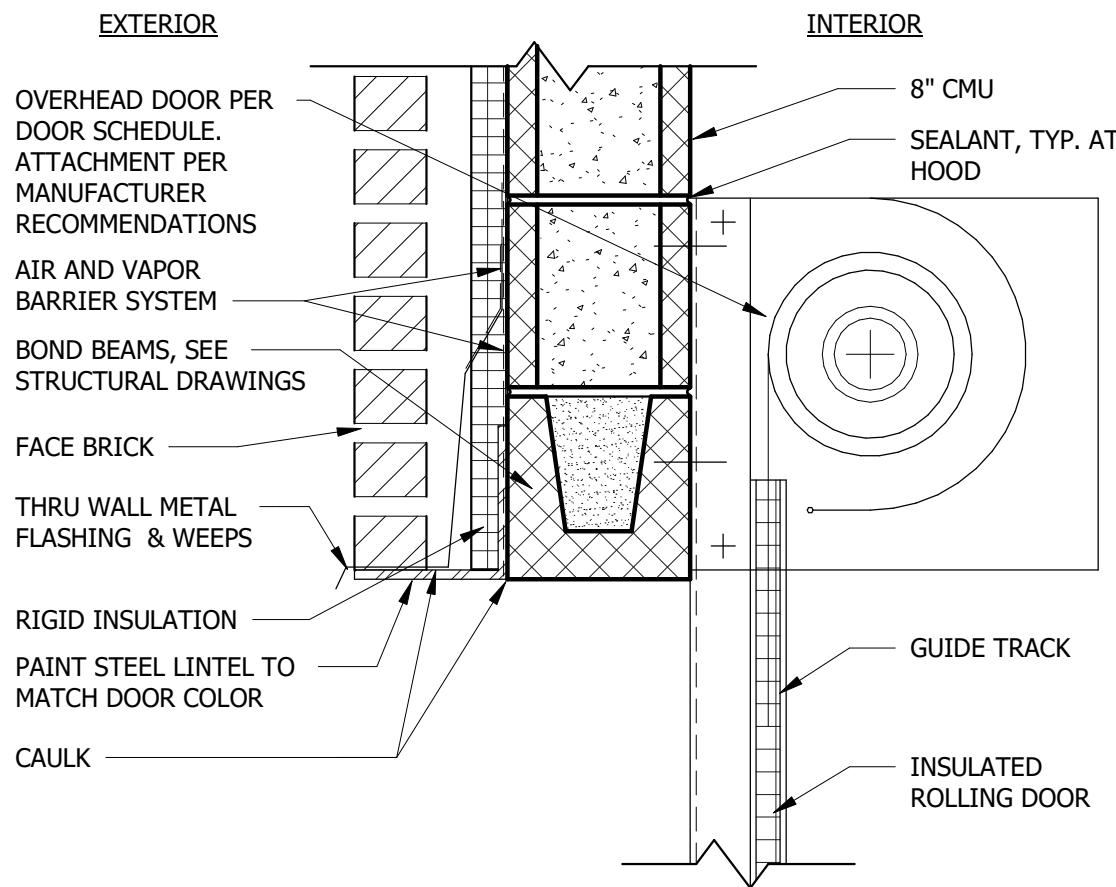
6 EXTERIOR HEAD DETAIL  
SCALE: 1 1/2" = 1'-0"



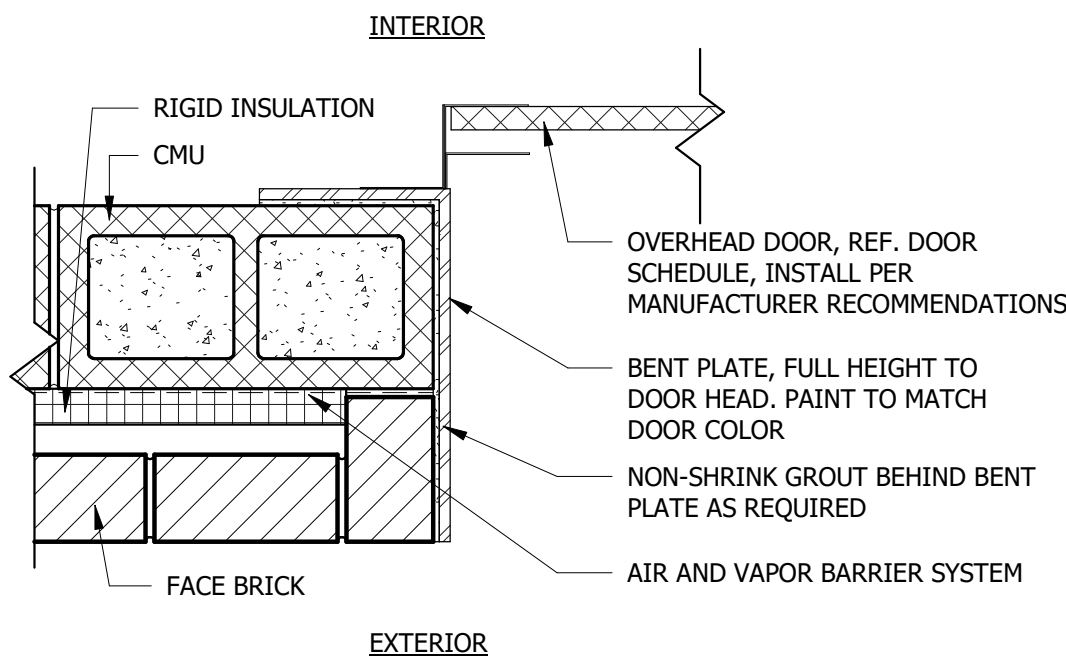
5 EXTERIOR JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"



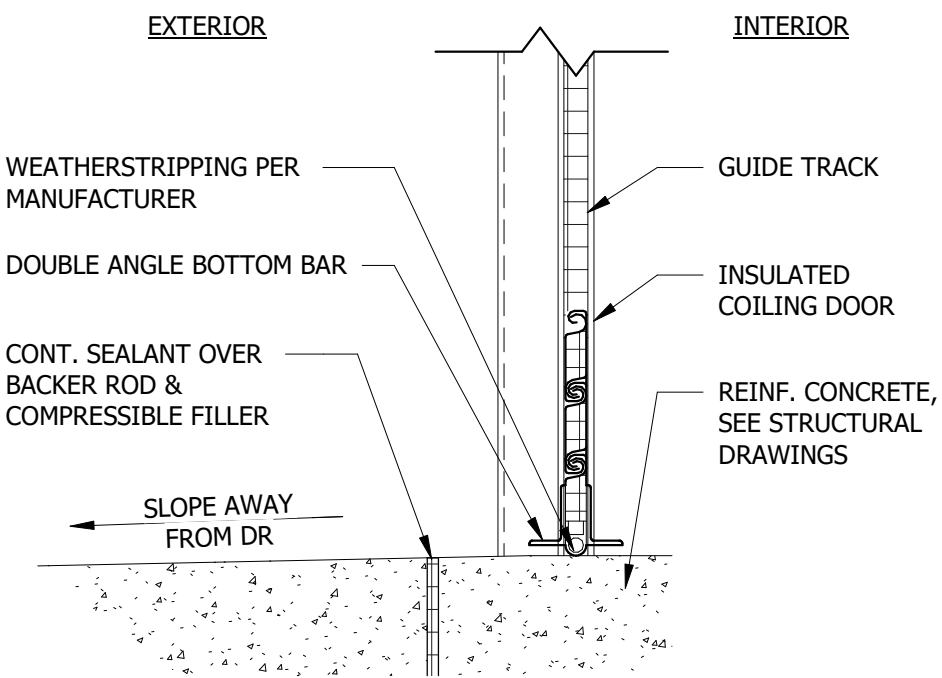
4 EXTERIOR SILL DETAIL  
SCALE: 1 1/2" = 1'-0"



3 OVERHEAD DOOR HEAD  
SCALE: 1 1/2" = 1'-0"



2 OVERHEAD DOOR JAMB  
SCALE: 1 1/2" = 1'-0"



1 OVERHEAD DOOR SILL  
SCALE: 1 1/2" = 1'-0"

GENERAL FINISH NOTES:

- ALL CONCRETE FLOORING FINISHING AND SEALING IS TO BE COMPLETED PRIOR TO ANY PART OF THE INTERIOR PARTITIONS BEING INSTALLED.
- ALTERNATIVE PARAPET ROOFING SYSTEM:
  - STANDING SEAM METAL PANELS
  - METAL SHINGLE PANELS

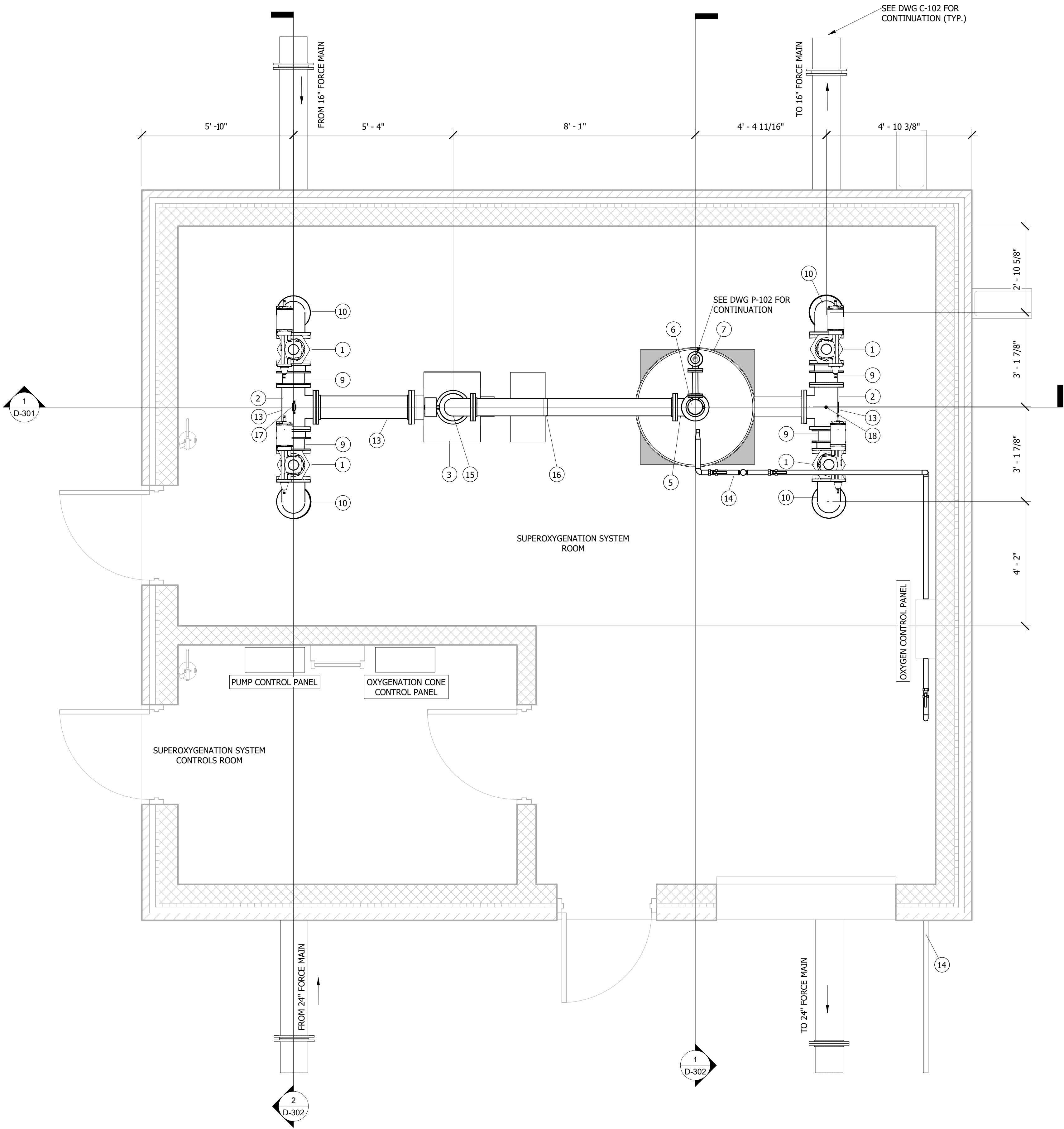
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PHONE 785-2722252 - FAX  
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**ODOR CONTROL IMPROVEMENTS  
CENTRAL PARK PUMP STATION  
SCHEDULES**  
ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



|              |                |
|--------------|----------------|
| DESIGNED BY: | JD             |
| DRAWN BY:    | JD             |
| APPROVED BY: | BV             |
| DESIGN PROJ: | 19637.011      |
| CONST PROJ:  | ---            |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | <b>A-600</b>   |
| SHEET NO:    | 29 of 52       |





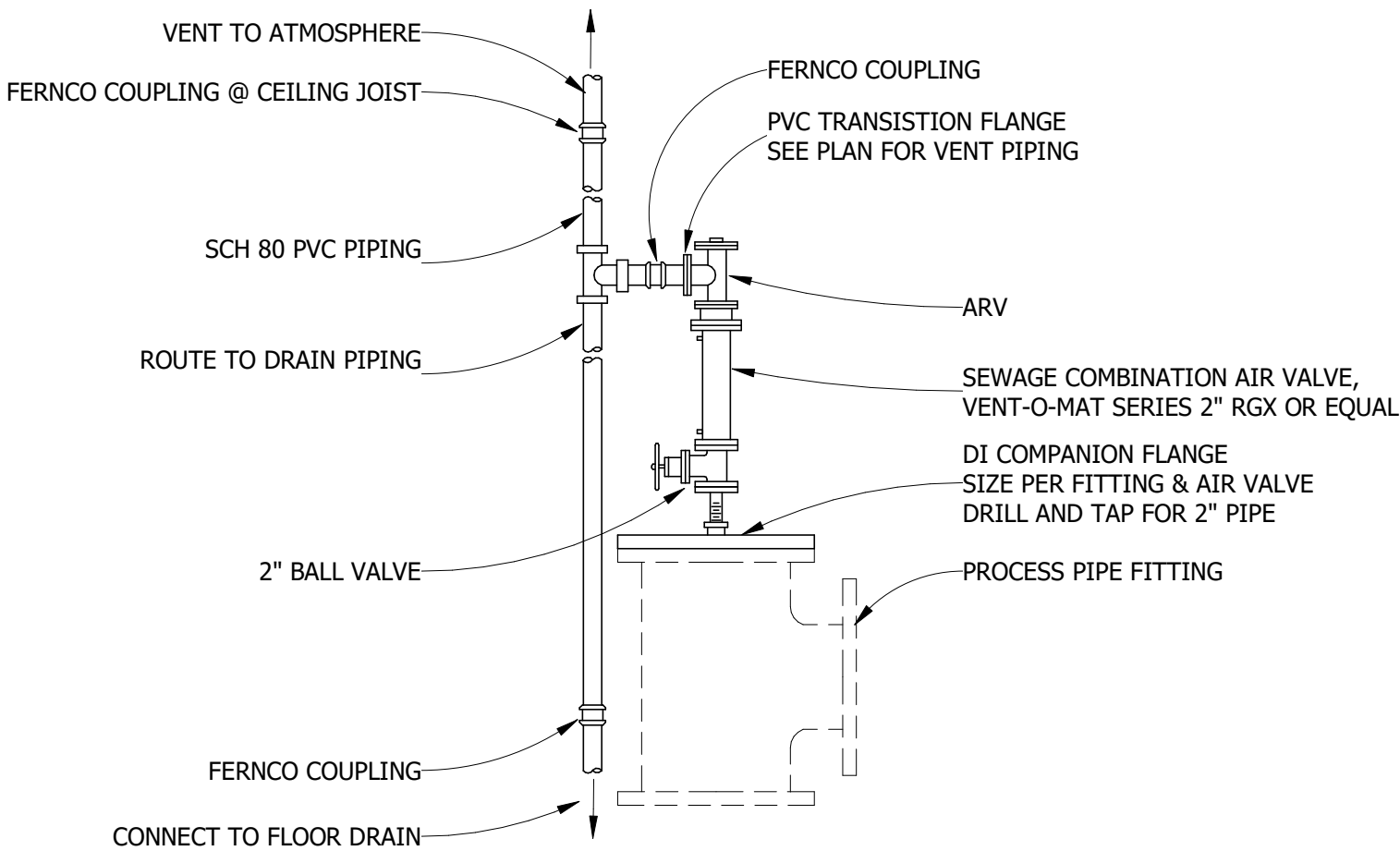
**ODOR CONTROL BUILDING - PROCESS PLAN**  
SCALE: 1/2" = 1'-0"

**MATERIAL LIST:**

- 1 8" FL PLUG VALVE.
- 2 8" FL TEE.
- 3 ODOR CONTROL SYSTEM BOOSTER PUMP (CFP-201).
- 4 NOT USED.
- 5 6" FL TEE.
- 6 2" ARV ASSEMBLY (ARV-201), WITH 2" BALL VALVE BELOW (BV-201). SEE DETAIL 1 THIS SHEET.
- 7 ECO2 CONE OR EQUAL.
- 8 NOT USED.
- 9 8" FL DISMANTLING JOINT.
- 10 8" FL DI 90 BEND.
- 11 NOT USED.
- 12 NOT USED.
- 13 PIPE SUPPORT. SEE DWG D-501 FOR DETAIL.
- 14 1" 304 SST COMPRESSED O2 PIPING. SEE DRAWING C-102 FOR CONTINUATION.
- 15 6" FL DI 90 BEND.
- 16 INSTALL PIPE HANGER.
- 17 INSTALL 1/2" PRESSURE GAUGE ASSEMBLY. SEE DETAIL 2/D-301.
- 18 INSTALL 1/2" SAMPLE PORT ASSEMBLY. SEE DETAIL 3/D-301.

**GENERAL NOTES:**

- 1. PIPE, FITTINGS, VALVES, EQUIPMENT, ECT., TAGS AND LABELS ARE PROVIDED AS A COURTESY FOR THE CONTRACTOR. IT IS NOT THE INTENT OF THESE CALLOUTS, LABELS, AND TAGS TO BE A BILL OF MATERIALS LIST. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ITEMS EITHER CALLED OUT OR SHOWN IN THE DRAWINGS AND OR SPECIFICATIONS. CONTRACTOR SHALL PREPARE AND SUBMIT, AS PART OF THE SHOP DRAWINGS, A TO-SCALE PIPE LAYING SCHEDULE IDENTIFYING ALL PIPE SEGMENTS AND FITTINGS.
- 2. PIPE SUPPORTS AND HANGERS ARE NOT SHOWN. SUPPORT WITH ADJUSTABLE PIPE SUPPORTS, HANGERS, STRUTS, AND CONCRETE PADS AS NEEDED TO PROVIDE STRAIGHT, LEVEL, AND NON-SAGGING PIPING. ALL METAL SUPPORTS SHALL BE GALV.
- 3. ALL PIPE DIMENSIONS ARE TO CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.



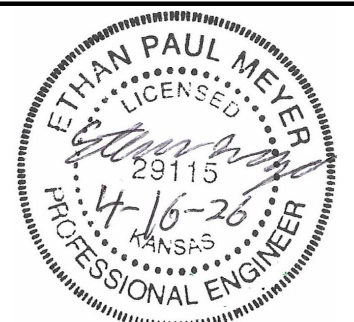
**1 COMBINATION AIR VACUUM RELEASE VALVE - AVR**  
NOT TO SCALE

**Bartlett & West**

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PHONE 785.272.2252 - FAX 785.273.8735  
www.bartlettwest.com

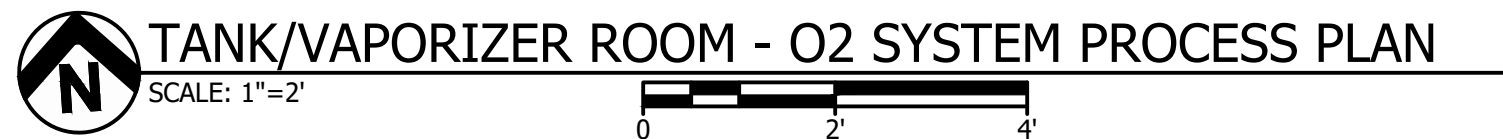
**ODOR CONTROL IMPROVEMENTS  
CENTRAL PARK PUMP STATION  
PROCESS PLAN**

**ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS**



|              |                |
|--------------|----------------|
| DESIGNED BY: | GJM            |
| DRAWN BY:    | JRH            |
| APPROVED BY: | EPM            |
| DESIGN PROJ: | 19637.011      |
| CONST:       | XXXXXX.XXX     |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | <b>D-101</b>   |
| SHEET NO:    | 30 of 52       |

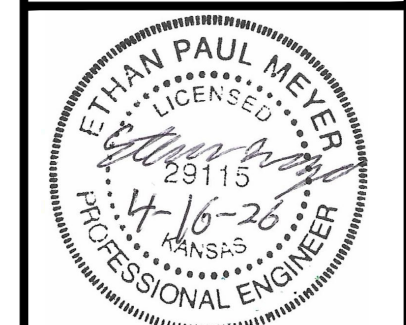




1. PROVIDE 3' MIN CLEARANCE AROUND O2 TANK AND VAPORIZER UNIT MAIN.
2. PIPING, VALVES AND APPURTENANCES BETWEEN THE O2 TANK, VAPORIZER UNIT AND REGULATION STAND TO BE PROVIDED AND INSTALLED BY O2 SYSTEM SUPPLIER.

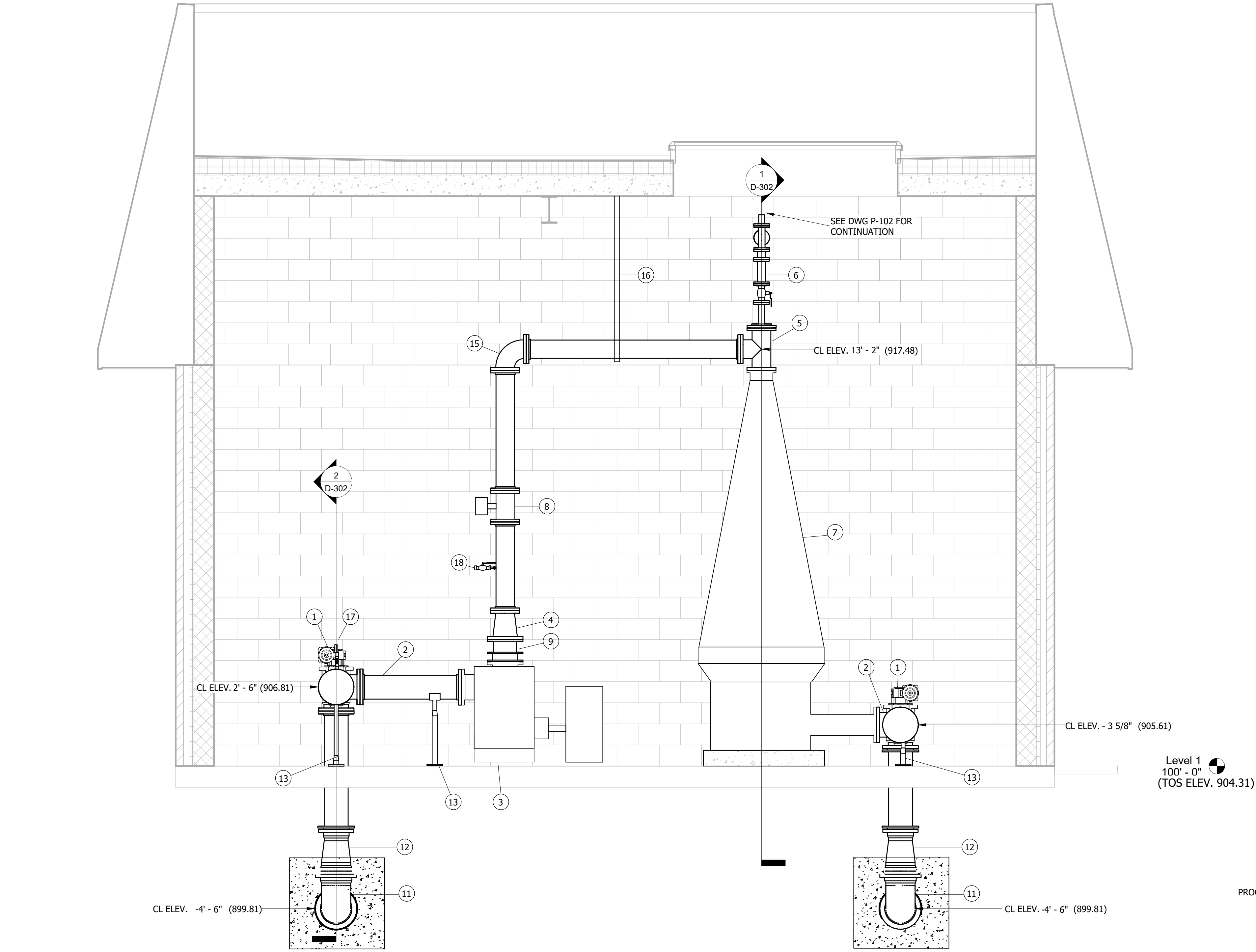
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# ODOR CONTROL IMPROVEMENTS CENTRAL PARK PUMP STATION O2 SYSTEM PROCESS PLAN



|              |                |
|--------------|----------------|
| DESIGNED BY: | GJM            |
| DRAWN BY:    | RJD            |
| APPROVED BY: | ADW            |
| DESIGN PROJ: | 19637.011      |
| CONST PROJ:  | ----           |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | <b>D-102</b>   |
| SHEET NO:    | 31 of 52       |





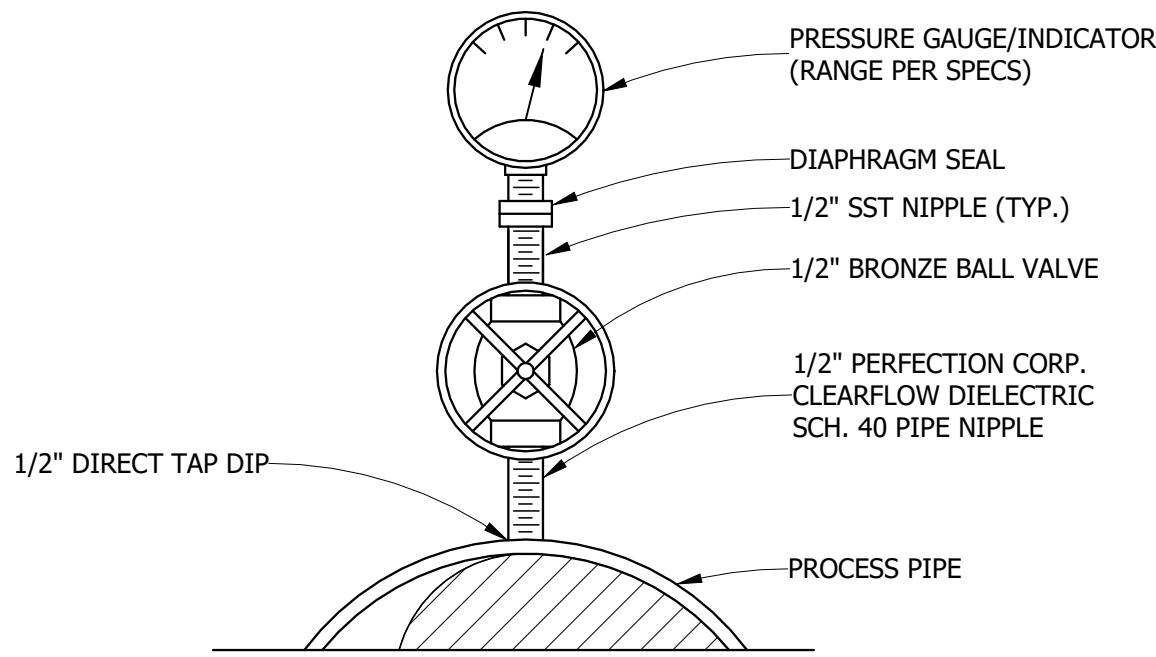
**1 SUPEROXYGENATION SYSTEM ROOM SECTION**  
D-101 SCALE: 1/2" = 1'-0"

**MATERIAL LIST:**

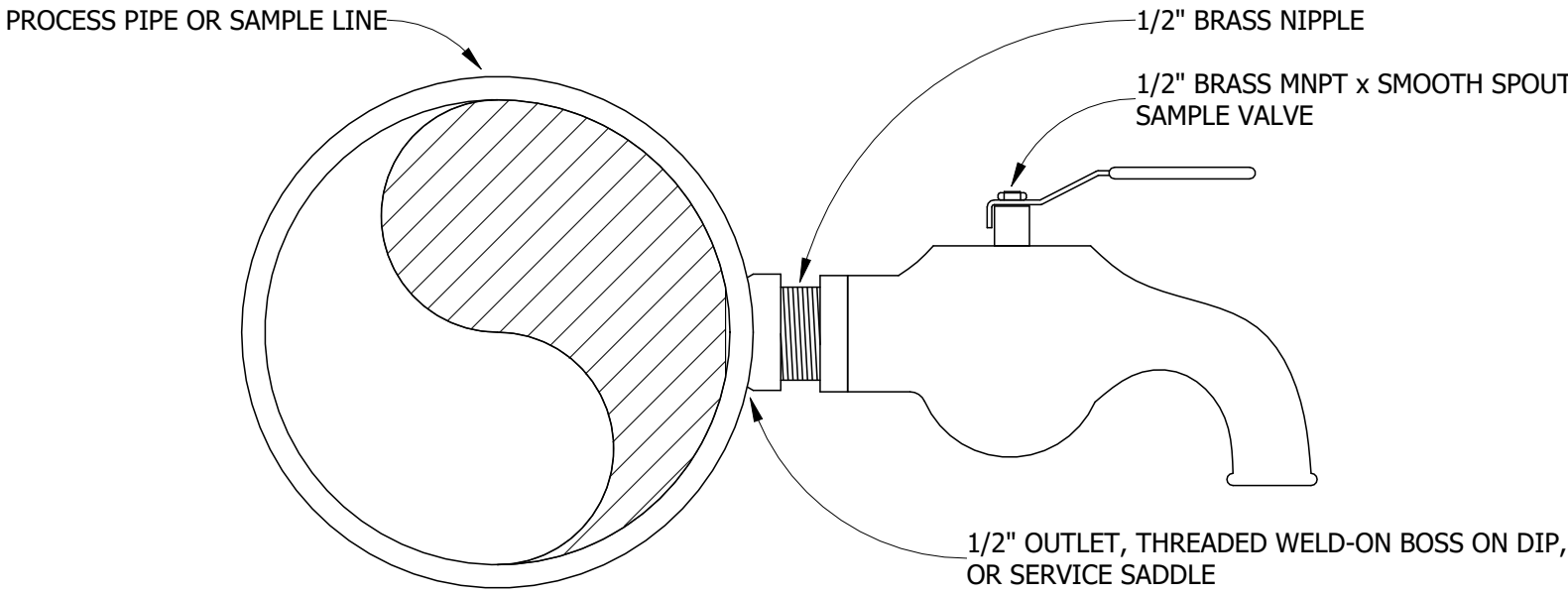
- | #  | DESCRIPTION                                                                       | DATE |
|----|-----------------------------------------------------------------------------------|------|
| 1  | 8" FL ACTUATED PLUG VALVE.                                                        |      |
| 2  | 8" FL TEE.                                                                        |      |
| 3  | ODOR CONTROL SYSTEM BOOSTER PUMP (CFP-201).                                       |      |
| 4  | 8"x6" FL DI CONCENTRIC REDUCER.                                                   |      |
| 5  | 6" FL TEE.                                                                        |      |
| 6  | 2" ARV ASSEMBLY (ARV-201), WITH 2" BALL VALVE BELOW (BV-201). SEE DETAIL 1/D-101. |      |
| 7  | ECO2 CONE OR EQUAL.                                                               |      |
| 8  | 6" FL MAGNETIC FLOW METER.                                                        |      |
| 9  | 8" FL DISMANTLING JOINT.                                                          |      |
| 10 | NOT USED.                                                                         |      |
| 11 | 10" MJ DI 90 BEND.                                                                |      |
| 12 | 10"x8" MJ DI CONCENTRIC REDUCER.                                                  |      |
| 13 | PIPE SUPPORT. SEE DWG D-501 FOR DETAIL.                                           |      |
| 14 | NOT USED.                                                                         |      |
| 15 | 6" FL DI 90 BEND.                                                                 |      |
| 16 | INSTALL PIPE HANGER. SEE DETAIL 3/D-501.                                          |      |
| 17 | INSTALL 1/2" PRESSURE GAUGE ASSEMBLY. SEE DETAIL 2/D-301.                         |      |
| 18 | INSTALL 1/2" SAMPLE PORT ASSEMBLY. SEE DETAIL 3/D-301.                            |      |

**GENERAL NOTES:**

- PIPE, FITTINGS, VALVES, EQUIPMENT, ECT., TAGS AND LABELS ARE PROVIDED AS A COURTESY FOR THE CONTRACTOR. IT IS NOT THE INTENT OF THESE CALLOUTS, LABELS, AND TAGS TO BE A BILL OF MATERIALS LIST. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ITEMS EITHER CALLED OUT OR SHOWN IN THE DRAWINGS AND OR SPECIFICATIONS. CONTRACTOR SHALL PREPARE AND SUBMIT, AS PART OF THE SHOP DRAWINGS, A TO-SCALE PIPE LAYING SCHEDULE IDENTIFYING ALL PIPE SEGMENTS AND FITTINGS.
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- ALL PIPE DIMENSIONS ARE TO CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.



**2 PRESSURE GAUGE DETAIL**  
NOT TO SCALE



**3 SAMPLE TAP**  
NOT TO SCALE

**NOTES:**

- LOCATE SAMPLE TAP SPOUT 18" MIN ABOVE FLOOR TO AID SAMPLING, ORIENT FOR STRAIGHT DOWN WATER FLOW

**ODOR CONTROL IMPROVEMENTS  
CENTRAL PARK PUMP STATION  
PROCESS SECTION**  
ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



|              |                |
|--------------|----------------|
| DESIGNED BY: | GJM            |
| DRAWN BY:    | JRH            |
| APPROVED BY: | EPM            |
| DESIGN PROJ: | 19637.011      |
| CONST:       | XXXXXX.XXX     |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | D-301          |
| SHEET NO:    | 32 of 52       |







C:\Users\arj01968\Documents\19837.011 Odor Control Improvements - MEP.v22\_adam\template65F4H.rvt 9/11/2025 10:00:29 AM

MECHANICAL / HVAC

|  |                        |                                                                              |
|--|------------------------|------------------------------------------------------------------------------|
|  | #" LPG                 | THIS SYMBOL REFERS TO THE SIZE OF PIPE                                       |
|  | #" G                   | NATURAL GAS                                                                  |
|  | #" V                   | VENT PIPING                                                                  |
|  | #" W                   | WASTE PIPING                                                                 |
|  | #" A                   | COMPRESSED AIR                                                               |
|  | H                      | HIGH PRESSURE STEAM SUPPLY                                                   |
|  | H                      | HIGH PRESSURE STEAM RETURN                                                   |
|  | M                      | MEDIUM PRESSURE STEAM SUPPLY                                                 |
|  | M                      | MEDIUM PRESSURE STEAM RETURN                                                 |
|  | #" LP                  | LOW PRESSURE STEAM SUPPLY                                                    |
|  | #" LP                  | LOW PRESSURE STEAM RETURN                                                    |
|  | C                      | CONDENSATE PUMP DISCHARGE                                                    |
|  | F                      | FEEDWATER PUMP DISCHARGE                                                     |
|  | #" ST                  | STORM SEWER                                                                  |
|  | #" RD                  | ROOF DRAIN                                                                   |
|  | #" D                   | DRAIN                                                                        |
|  | #" CHWS                | CHILLED WATER SUPPLY                                                         |
|  | #" CHWR                | CHILLED WATER RETURN                                                         |
|  | #" CHS                 | CHILLED/HOT WATER SUPPLY                                                     |
|  | #" CHR                 | CHILLED/HOT WATER RETURN                                                     |
|  | #" CWS                 | CONDENSER WATER SUPPLY                                                       |
|  | #" CWR                 | CONDENSER WATER RETURN                                                       |
|  | #" HHWS                | HEATING HOT WATER SUPPLY                                                     |
|  | #" HHWR                | HEATING HOT WATER RETURN                                                     |
|  | #" HPS                 | HEAT PUMP SUPPLY                                                             |
|  | #" HPR                 | HEAT PUMP RETURN                                                             |
|  | #" RL                  | REFRIGERANT LIQUID                                                           |
|  | #" RS                  | REFRIGERANT SUCTION                                                          |
|  |                        | MANUAL VOLUME DAMPER                                                         |
|  |                        | LINEAR SLOT DIFFUSER                                                         |
|  |                        | INSULATED FLEXIBLE DUCT (MAX. 5'-0" LONG)                                    |
|  |                        | BRANCH DUCT WITH 45° RECTANGLE-ROUND BRANCH FITTING AND MANUAL VOLUME DAMPER |
|  |                        | ELBOW WITH TURNING VANES                                                     |
|  |                        | EXHAUST AIR DUCT UP                                                          |
|  |                        | EXHAUST AIR DUCT DOWN                                                        |
|  |                        | RETURN OR FRESH AIR DUCT DOWN                                                |
|  |                        | RETURN OR FRESH AIR DUCT UP                                                  |
|  |                        | SUPPLY AIR DUCT UP                                                           |
|  |                        | SUPPLY AIR DUCT DOWN                                                         |
|  |                        | EXHAUST AIR GRILLE                                                           |
|  |                        | RETURN AIR GRILLE                                                            |
|  |                        | SUPPLY AIR DIFFUSER                                                          |
|  | "x" - 12x12<br>xxx CFM | REGISTER, NECK SIZE, TYPE & CFM                                              |
|  | "x" - 12x12<br>xxx CFM | REGISTER, NECK SIZE, TYPE & CFM                                              |
|  | "x" - 12"x<br>xxx CFM  | REGISTER, NECK SIZE, TYPE & CFM                                              |
|  | FD                     | FIRE DAMPER                                                                  |
|  | FS                     | FIRE/SMOKE DAMPER                                                            |
|  | SD                     | SMOKE DAMPER                                                                 |
|  | MD                     | MOTORIZED DAMPER                                                             |
|  | CD                     | CONTROL DAMPER                                                               |
|  | BD                     | BACKDRAFT DAMPER                                                             |
|  | T                      | TEMPERATURE SENSOR                                                           |
|  | P                      | PRESSURE SENSOR                                                              |
|  | CO2                    | CO2 SENSOR                                                                   |
|  |                        | AIR FLOW                                                                     |
|  | T                      | THERMOSTAT                                                                   |

PLUMBING / PIPE

|  |        |                                        |
|--|--------|----------------------------------------|
|  |        | FLOOR MOUNTED FLUSH VALVE WATER CLOSET |
|  |        | WALL MOUNTED FLUSH VALVE WATER CLOSET  |
|  |        | TANK TYPE WATER CLOSET                 |
|  |        | URINAL                                 |
|  |        | WALL MOUNTED LAVATORY                  |
|  |        | COUNTER TOP LAVATORY                   |
|  |        | JANITORS BASIN                         |
|  |        | DOUBLE COMPARTMENT SINK                |
|  |        | SINGLE COMPARTMENT SINK                |
|  |        | SHOWER                                 |
|  |        | BI-LEVEL DRINKING FOUNTAIN             |
|  |        | SINGLE DRINKING FOUNTAIN               |
|  |        | BATH TUB                               |
|  |        | EMERGENCY SHOWER                       |
|  |        | FLOOR DRAIN                            |
|  |        | SHOWER HEADS                           |
|  |        | SHOWER ENCLOSURE                       |
|  |        | FLUSH FLOOR CLEANOUT                   |
|  |        | FLUSH GRADE CLEANOUT                   |
|  | WC1    | PLUMBING FIXTURE ID TAG                |
|  | #" CW  | DOMESTIC COLD WATER                    |
|  | #" HW  | DOMESTIC HOT WATER                     |
|  | #" HC  | DOMESTIC HOT WATER CIRCULATING         |
|  | #" T   | TEMPERED WATER                         |
|  | #" SD  | STORM DRAIN                            |
|  | #" OSD | OVERFLOW STORM DRAIN                   |
|  |        | SHUT-OFF VALVE                         |
|  |        | MODULATING CONTROL VALVE               |
|  |        | CHECK VALVE                            |
|  |        | THREE WAY VALVE                        |
|  |        | BALANCING VALVE W/ PRESSURE PORTS      |
|  |        | TRIPLE DUTY VALVE W/ PRESSURE PORTS    |
|  |        | STRAINER                               |
|  |        | RELIEF VALVE                           |
|  |        | SOLENOID VALVE                         |
|  |        | PRESSURE REDUCING VALVE                |
|  |        | REDUCER                                |
|  |        | PIPE ANCHOR                            |
|  |        | SLIDING EXPANSION JOINT                |
|  |        | PRESSURE GAUGE                         |
|  |        | F & T TRAP                             |
|  |        | BUCKET TRAP                            |
|  |        | THERMOSTATIC TRAP                      |
|  |        | FLOAT TRAP                             |
|  | BP     | BACKFLOW PREVENTER                     |
|  |        | THERMOMETER                            |
|  |        | UNION                                  |
|  |        | WALL HYDRANT                           |
|  |        | HOSE BIBB                              |
|  |        | CLEANOUT                               |
|  |        | CAP                                    |
|  |        | ELBOW UP W/OUT SHUT-OFF VALVE          |
|  |        | ELBOW DOWN W/OUT SHUT-OFF VALVE        |
|  |        | ELBOW                                  |
|  |        | TEE DOWN                               |
|  |        | TEE                                    |
|  |        | TEE UP                                 |
|  |        | ELBOW UP WITH SHUT-OFF VALVE           |
|  |        | ELBOW DOWN WITH SHUT-OFF VALVE         |
|  |        | TEE UP WITH SHUT-OFF VALVE             |
|  |        | TEE DOWN WITH SHUT-OFF VALVE           |
|  |        | SANITARY TEE                           |
|  |        | 45 ELBOW                               |
|  |        | P-TYPE TRAP                            |
|  |        | PIPE GUIDE                             |

LIGHTING / ELECTRICAL

|  |             |                                                       |
|--|-------------|-------------------------------------------------------|
|  | "A"         | POLE MOUNTED LIGHTING FIXTURE                         |
|  | "A"         | CEILING MOUNTED LIGHTING FIXTURE, ID TAG & SWITCH TAG |
|  | "A"         | CEILING MOUNTED LIGHTING FIXTURE AND ID TAG           |
|  | "A"         | EMERGENCY LIGHTING FIXTURE                            |
|  | "A"         | CEILING MOUNTED MULTI SWITCHING                       |
|  | "A"         | CEILING MOUNTED WITH EMERGENCY BALLAST                |
|  | "A"         | CEILING MOUNTED LIGHT FIXTURE WITH NIGHT LIGHT        |
|  | "NL"        | NIGHT LIGHT                                           |
|  |             | PADDLE CEILING FAN                                    |
|  |             | CEILING MOUNTED EXIT LIGHT                            |
|  |             | EXIT LIGHT (WALL MOUNTED)                             |
|  |             | CEILING MOUNT                                         |
|  |             | WALL MOUNT                                            |
|  | "D","E","F" | LIGHT TRACK WITH LIGHT TYPES AS INDICATED             |
|  |             | SINGLE RECEPTACLE                                     |
|  |             | DUPLEX RECEPTACLE                                     |
|  |             | FOURPLEX RECEPTACLE                                   |
|  |             | RECESSED FLOOR MOUNTED JUNCTION BOX                   |
|  |             | SURFACE MOUNTED JUNCTION BOX                          |
|  |             | CEILING MOUNTED JUNCTION BOX                          |
|  | PC          | PHOTOCELL                                             |
|  | J           | JUNCTION BOX                                          |
|  |             | TYPE 1 JUNCTION BOX                                   |
|  |             | TYPE 2 JUNCTION BOX                                   |
|  |             | PLUGMOLD - OUTLETS AT 12" O.C. UNLESS OTHERWISE NOTED |
|  | T           | TIME SWITCH                                           |
|  | L           | LIGHTING CONTACTOR                                    |
|  | \$OT        | SPRING WOUND TIMER                                    |
|  | \$HOA       | HAND-OFF-AUTO SELECTOR SWITCH                         |
|  | \$TO        | MANUAL STARTER WITH THERMAL OVERLOADS                 |
|  |             | LIGHTING PANEL                                        |
|  |             | DISTRIBUTION PANEL                                    |
|  |             | TELEPHONE TERMINAL PANEL                              |
|  | T           | THERMOSTAT                                            |
|  | H           | HUMIDISTAT                                            |
|  | 2           | (1) RJ-45 COMMUNICATION/DATA OUTLET                   |
|  | 4           | (2) RJ-45 COMMUNICATION/DATA OUTLET                   |
|  |             | (4) RJ-45 COMMUNICATION/DATA OUTLET                   |
|  |             | CEILING MOUNTED COMMUNICATION/DATA OUTLET             |
|  |             | FLOOR MOUNTED COMMUNICATION/DATA OUTLET               |
|  | TV          | TELEVISION OUTLET                                     |
|  |             | MASTER CLOCK                                          |
|  |             | SECONDARY CLOCK                                       |
|  |             | WALL SPEAKER                                          |
|  |             | CEILING SPEAKER                                       |
|  |             | COLUMN SPEAKER                                        |
|  |             | HORN SPEAKER                                          |
|  | C           | CALL-IN STATION                                       |
|  | M           | MOTION DETECTOR                                       |
|  | C           | CLOSED CIRCUIT TELEVISION OUTLET                      |
|  | PB          | PUSHBUTTON STATION                                    |
|  | RC          | RELAY CABINET                                         |
|  | ▲C          | CLOCK SPEAKER                                         |
|  | CR          | CARD READER                                           |
|  | M           | MAGNETIC LOCK                                         |
|  | A           | ALARM CONTACTS                                        |
|  |             | SECURITY CAMERA                                       |
|  | \$          | SINGLE SWITCH                                         |
|  | \$2         | DOUBLE POLE SWITCH                                    |
|  | \$3         | 3-WAY SWITCH                                          |
|  | \$4         | 4-WAY SWITCH                                          |
|  | \$P         | SINGLE POLE SWITCH WITH PILOT LAMP                    |
|  | \$M         | MOMENTARY CONTACT                                     |
|  | \$K         | SINGLE POLE SWITCH, KEY OPERATED                      |
|  | \$OC        | OCCUPANCY SENSOR SWITCH                               |
|  | \$LV        | LOW VOLTAGE SWITCH                                    |
|  | \$VA        | VACANCY SENSOR SWITCH                                 |
|  | OC          | OCCUPANCY SENSOR                                      |

|  |   |                                                                                 |
|--|---|---------------------------------------------------------------------------------|
|  |   | BRANCH CIRCUIT IN CONDUIT CONCEALED IN CEILING OR WALL                          |
|  |   | BRANCH CIRCUIT BELOW GRADE OR SLAB                                              |
|  |   | BRANCH CIRCUIT IN EXPOSED CONDUIT                                               |
|  |   | BRANCH CIRCUIT HOMERUN TO PANEL                                                 |
|  |   | DIAGONAL LINES INDICATE NUMBER OF CONDUCTORS                                    |
|  |   | GROUND WIRE - INCLUDED IN ALL BRANCH CIRCUITS UNLESS OTHERWISE NOTED            |
|  |   | #18 WIRE                                                                        |
|  |   | #16 WIRE                                                                        |
|  |   | #14 WIRE                                                                        |
|  |   | #12 WIRE                                                                        |
|  | 1 | BRANCH CIRCUIT OR FEEDER - SEE SCHEDULE FOR CONDUCTOR & CONDUIT QUANTITY & SIZE |
|  |   | FLEXIBLE CONDUIT                                                                |
|  |   | TWISTED PAIR                                                                    |
|  |   | LIGHTING CONTROL WIRING                                                         |
|  |   | MOTOR CONTROLLER                                                                |
|  |   | MANUAL MOTOR CONTROLLER                                                         |
|  |   | COMBINATION MOTOR CONTROLLER                                                    |
|  |   | DISCONNECT SWITCH                                                               |
|  |   | EQUIPMENT MOTOR                                                                 |
|  |   | UTILITY METER                                                                   |

FIRE ALARM / PROTECTION

|  |      |                                                               |
|--|------|---------------------------------------------------------------|
|  | FACP | FIRE ALARM CONTROL PANEL                                      |
|  | FSCS | FIREMAN'S SMOKE CONTROL SYSTEM                                |
|  | FFTP | FIREFIGHTER'S TELEPHONE PANEL                                 |
|  | EVAC | VOICE EVACUATION CONTROL UNIT                                 |
|  | AMP  | AMPLIFIER PANEL                                               |
|  | FAA  | FIRE ALARM ANNUNCIATOR PANEL                                  |
|  | RPS  | REMOTE POWER SUPPLY                                           |
|  | RL   | REMOTE INDICATING LIGHT                                       |
|  | RT   | REMOTE TEST STATION                                           |
|  | FR   | FAN SHUTDOWN RELAY                                            |
|  | DH   | DOOR HOLD-OPEN DEVICE                                         |
|  | R    | ADDRESSABLE CONTROL RELAY                                     |
|  | K    | KNOX BOX                                                      |
|  | F    | FIRE ALARM PULL STATION                                       |
|  | S    | SMOKE DETECTOR                                                |
|  | S    | SMOKE DETECTOR WITH SOUNDER BASE                              |
|  | I    | HEAT DETECTOR                                                 |
|  | F    | FLAME DETECTOR                                                |
|  | D    | DUCT SMOKE DETECTOR                                           |
|  | H    | WALL MOUNTED FIRE ALARM HORN                                  |
|  | B    | WALL MOUNTED FIRE ALARM BELL                                  |
|  | H    | WALL MOUNTED FIRE ALARM HORN/SSTROBE COMBINATION              |
|  | S    | CEILING MOUNTED FIRE ALARM STROBE LIGHT                       |
|  | S    | CEILING MOUNTED FIRE ALARM SPEAKER/SSTROBE.                   |
|  | S    | CEILING MOUNTED FIRE ALARM STROBE LIGHT                       |
|  | S    | WALL MOUNTED FIRE ALARM WALL STROBE LIGHT                     |
|  | S    | WALL MOUNTED FIRE ALARM SPEAKER                               |
|  | S    | WALL MOUNTED FIRE ALARM SPEAKER/SSTROBE                       |
|  | BR   | BEAM DETECTOR - RECEIVER                                      |
|  | BT   | BEAM DETECTOR - TRANSMITTER                                   |
|  | T    | COMBINATION SMOKE AND FIXED TEMPERATURE THERMAL DETECTOR      |
|  | G    | GAS DETECTOR                                                  |
|  | J    | FIREMANS PHONE JACK, MASTER PHONE STATION                     |
|  | PIV  | POST INDICATING VALVE                                         |
|  | TS   | TAMPER SWITCH                                                 |
|  | FS   | FLOW SWITCH                                                   |
|  | S    | AIR SAMPLING SMOKE DETECTOR                                   |
|  | \$K  | SINGLE POLE SWITCH, KEY OPERATED                              |
|  | ##W  | THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES WATTAGE        |
|  | ##cd | THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES CANDELA RATING |

GENERAL SYMBOLS

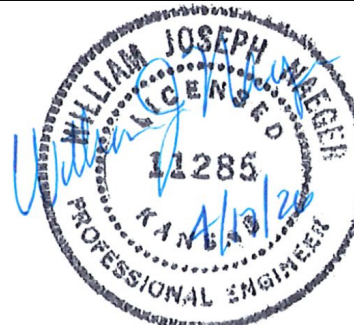
|  |     |                                                                                                   |
|--|-----|---------------------------------------------------------------------------------------------------|
|  |     | INDICATES DIRECTION OF PLAN NORTH                                                                 |
|  |     | DETAIL REFERENCE - UPPER NUMBER INDICATES DETAIL NUMBER, LOWER NUMBER INDICATES SHEET NUMBER      |
|  | 1   | PLAN NOTE REFERENCE                                                                               |
|  | 1   | REVISION DELTA                                                                                    |
|  | 100 | ROOM NUMBER REFERENCE                                                                             |
|  |     | SECTION CUT REFERENCE - UPPER NUMBER INDICATES DETAIL NUMBER, LOWER NUMBER INDICATES SHEET NUMBER |
|  |     | CONTINUATION                                                                                      |
|  |     | INDICATES CONNECTION TO EXISTING SYSTEM                                                           |
|  |     | BREAK LINE                                                                                        |
|  |     | MATCHLINE                                                                                         |

ABBREVIATIONS

|             |                                                                                                           |     |                       |
|-------------|-----------------------------------------------------------------------------------------------------------|-----|-----------------------|
| GENERAL:    |                                                                                                           |     |                       |
| AFF         | ABOVE FINISHED FLOOR                                                                                      | G/C | GENERAL CONTRACTOR    |
| AFG         | ABOVE FINISHED GRADE                                                                                      | M/C | MECHANICAL CONTRACTOR |
| EX          | EXISTING                                                                                                  | E/C | ELECTRICAL CONTRACTOR |
| DN          | DOWN                                                                                                      | P/C | PLUMBING CONTRACTOR   |
| PLUMBING:   |                                                                                                           |     |                       |
| CW          | DOMESTIC COLD WATER                                                                                       |     |                       |
| FD          | FLOOR DRAIN                                                                                               |     |                       |
| HW          | DOMESTIC HOT WATER                                                                                        |     |                       |
| HWC         | HOT WATER CIRCULATING                                                                                     |     |                       |
| T           | TEMPERED WATER                                                                                            |     |                       |
| V           | VENT                                                                                                      |     |                       |
| VTR         | VENT THRU ROOF                                                                                            |     |                       |
| W           | WASTE                                                                                                     |     |                       |
| MECHANICAL: |                                                                                                           |     |                       |
| AHU         | AIR HANDLING UNIT                                                                                         |     |                       |
| CU          | CONDENSING UNIT                                                                                           |     |                       |
| CUH         | CABINET UNIT HEATER                                                                                       |     |                       |
| CWR         | CHILLED WATER RETURN                                                                                      |     |                       |
| CWS         | CHILLED WATER SUPPLY                                                                                      |     |                       |
| EF          | EXHAUST FAN                                                                                               |     |                       |
| FCU         | FAN COIL UNIT                                                                                             |     |                       |
| FTU         | FAN TERMINAL UNIT                                                                                         |     |                       |
| G           | GAS                                                                                                       |     |                       |
| HWR         | HOT WATER RETURN                                                                                          |     |                       |
| HWS         | HOT WATER SUPPLY                                                                                          |     |                       |
| KW          | KITCHEN WASTE                                                                                             |     |                       |
| LV          | LOUVER                                                                                                    |     |                       |
| MA          | MIXED AIR                                                                                                 |     |                       |
| MUA         | MAKE UP AIR                                                                                               |     |                       |
| OA          | OUTSIDE AIR                                                                                               |     |                       |
| RA          | RETURN AIR                                                                                                |     |                       |
| SA          | SUPPLY AIR                                                                                                |     |                       |
| UH          | UNIT HEATER                                                                                               |     |                       |
| UV          | UNIT VENTILATOR                                                                                           |     |                       |
| VAV         | VARIABLE AIR VOLUME                                                                                       |     |                       |
| ELECTRICAL: |                                                                                                           |     |                       |
| AC          | ALTERNATING CURRENT                                                                                       |     |                       |
| BKR         | BREAKER                                                                                                   |     |                       |
| CTCB        | CONTROL TRANSFORMER CIRCUIT BREAKER                                                                       |     |                       |
| DISC        | DISCONNECT SWITCH                                                                                         |     |                       |
| DR          | DUPLEX RECEPTACLE, GFI                                                                                    |     |                       |
| DCB         | DISCONNECT CIRCUIT BREAKER                                                                                |     |                       |
| GFCB        | GROUND FAULT CIRCUIT BREAKER                                                                              |     |                       |
| HBCB        | HOT BOX CIRCUIT BREAKER                                                                                   |     |                       |
| LCB         | LIGHT CIRCUIT BREAKER                                                                                     |     |                       |
| MCB         | MAIN CIRCUIT BREAKER                                                                                      |     |                       |
| MD          | MOTORIZED DAMPER                                                                                          |     |                       |
| MPCB        | MOTOR POWER CIRCUIT BREAKER                                                                               |     |                       |
| PCB         | PUMP CIRCUIT BREAKER                                                                                      |     |                       |
| PHCB        | PANEL HEATER CIRCUIT BREAKER                                                                              |     |                       |
| RCB         | RECEPTACLE CIRCUIT BREAKER                                                                                |     |                       |
| SCB         | SPARE CIRCUIT BREAKER                                                                                     |     |                       |
| TR          | TRANSFORMER                                                                                               |     |                       |
| TCB         | TRANSFORMER CIRCUIT BREAKER                                                                               |     |                       |
| TR          | TELEMETRY RADIO                                                                                           |     |                       |
| VCCB        | VALVE CONTROLS CIRCUIT BREAKER                                                                            |     |                       |
| VFD         | VARIABLE FREQUENCY DRIVE                                                                                  |     |                       |
| *           | THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES DEVICE BOTTOM TO BE MOUNTED 4" ABOVE COUNTER TOP BACKSLASH |     |                       |
| GFCI        | THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES GROUND FAULT INTERRUPTER                                   |     |                       |
| IG          | THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES ISOLATED GROUND SERVICE                                    |     |                       |
| TL          | THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES LOCKING OR TWIST-LOCK TYPE DEVICE                          |     |                       |
| WP          | THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES WEATHER-PROOF ENCLOSURE                                    |     |                       |
| XP          | THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES EXPLOSION-PROOF ENCLOSURE                                  |     |                       |
| ##"         | THESE NUMBERS ADJACENT TO ANY SYMBOL INDICATES THE MOUNTING HEIGHT AFF TO TOP OF DEVICE                   |     |                       |
| TP          | THESE LETTERS ADJACENT TO ANY SYMBOL INDICATES TAMPER PROOF                                               |     |                       |

ODOR CONTROL IMPROVEMENT  
MEP SYMBOLS

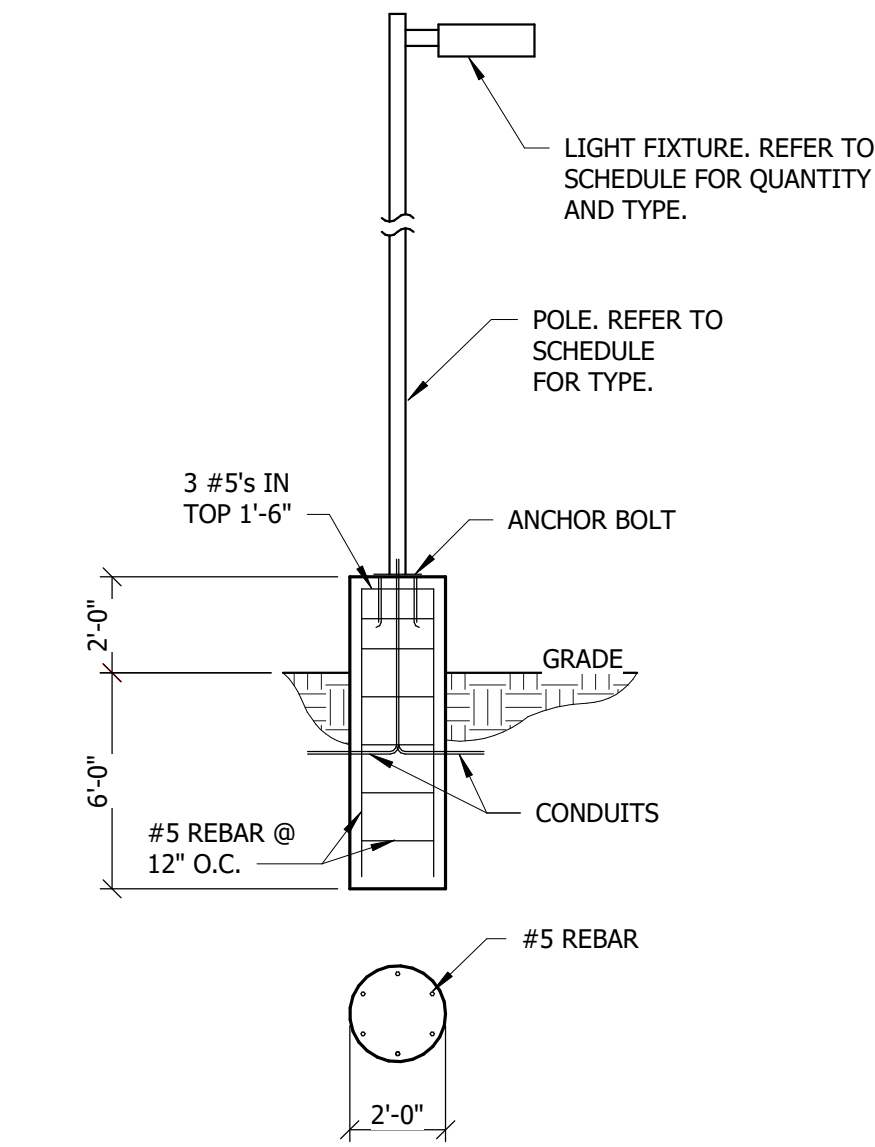
ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



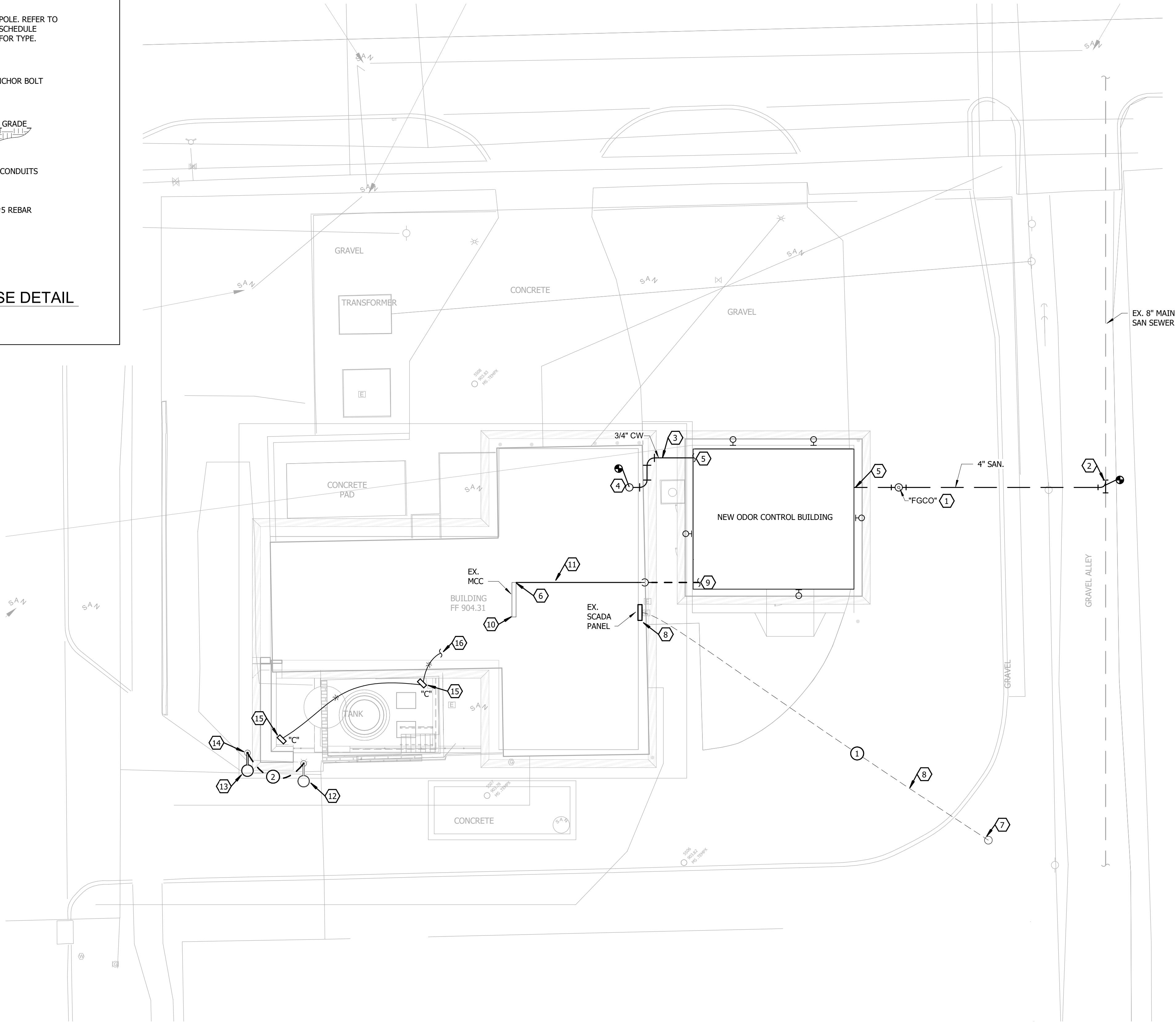
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| DRAWN BY:    | ART            |    |    |
| APPROVED BY: | WJN            |    |    |
| DESIGN PROJ: | 19637.011      |    |    |
| CONST:       | XXXXX.XXX      |    |    |
| SCALE:       | AS NOTED       |    |    |
| DATE:        | SEPTEMBER 2025 |    |    |
| DRAWING NO:  | MEP000         |    |    |
| SHEET NO:    | 34             | of | 52 |



9/11/2025 10:00:30 AM C:\Users\lart01968\Documents\19837.011 Odor Control Improvements - MEP.v22\_adam\templates\F4H.rvt



1 LIGHT POLE BASE DETAIL  
NOT TO SCALE



MEP SITE PLAN  
SCALE: 1" = 10'-0"

REFERENCE NOTES:

- 4" UP TO 4" "FGCO". REFER TO DETAIL 7/P501.
- MAKE CONNECTION TO EXISTING SANITARY SEWER LINE, VERIFY LOCATION.
- 3/4" CW BELOW GRADE BETWEEN BUILDINGS.
- CONNECT 3/4" CW TO EXISTING 2" CW IN EXISTING BUILDING WITH SHUT-OFF VALVE AT TAP. ROUTE 3/4" CW INTO EXISTING BUILDING TO AVOID EXISTING MECHANICAL LIFT SYSTEM. THEN ALONG INTERIOR BASEMENT WALL TO EXISTING 2" CW. FIELD VERIFY LOCATION TO THE EXISTING 2" WATER LINE.
- PROVIDE 3/4" CW UP IN NEW BUILDING WITH SHUT-OFF VALVE AT BUILDING ENTRANCE. REFER TO SHEET P-101 FOR CONTINUATION
- ROUTE NEW CONDUIT FROM EXISTING MCC TO NEW MDP IN THE ODOR CONTROL BUILDING. REFER TO 1/E-501
- NEW TOWER LOCATION. ROUTE CONDUIT UP TOWER FOR CONNECTION TO ANTENNA. COORDINATE ROUTING WITH TOWER PROVIDER.
- ROUTE NEW CONDUIT TO EXISTING SCADA PANEL IN EXISTING PUMP STATION.
- ROUTE CONDUIT TO NEW "MDP". REFER TO SHEET E-102.
- EXISTING MCC LOCATED ON MAIN LEVEL OF EXISTING PUMP STATION. REFER TO PHOTO 4/E-501.
- REFER TO RISER DIAGRAM ON SHEET E-501 FOR FEEDER & CONDUIT SIZE AND QUANTITY.
- REMOVE EXISTING LIGHTING FIXTURE, ASSOCIATED POLE AND POLE BASE. RETAIN FOR REINSTALLATION AT NEW LOCATION SHOWN ON THIS SHEET. RETAIN EXISTING WIRING & CONDUIT. PROVIDE NEW IN-GRADE PULL BOX FOR EXTENSION OF EXISTING WIRING AND CONDUIT.
- INSTALL EXISTING LIGHTING FIXTURE AND ASSOCIATED POLE IN NEW LOCATION. EXTEND AND CONNECT NEW WIRING TO EXISTING CIRCUIT RETAINED IN NOTE 12.
- PROVIDE POLE BASE. REFER TO DETAIL 1, THIS SHEET.
- MOUNT LIGHTING FIXTURE TO WALL AT 8'-0" MIN AFG. FIELD VERIFY EXACT MOUNTING.
- EXTEND AND CONNECT TO EXISTING 120V LIGHTING CIRCUIT IN EXISTING BUILDING. FIELD VERIFY EXACT LOCATION.

GENERAL NOTES:

- VERIFY LOCATION OF EXISTING SANITARY SEWER LINE ON SITE.
- VERIFY LOCATION OF EXISTING WATER LINE IN EXISTING BUILDING.
- EXISTING GROUND WIRE AROUND BUILDING TO BE RELOCATED AS REQUIRED. FIELD VERIFY EXACT LOCATION.
- EXISTING UTILITY SERVICE TO EXISTING MCC TO REMAIN.

FEEDER SCHEDULE:

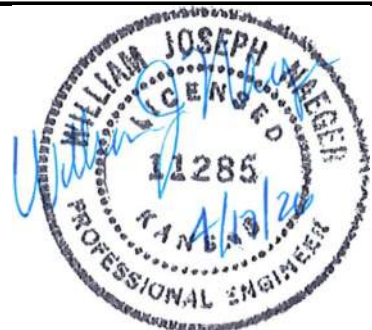
- 1-3 C WITH PULL STRING FOR ANTENNA WIRE.
- 2-12 & 1-12G IN 1"C.

| BY          |  |
|-------------|--|
| DESCRIPTION |  |
| DATE        |  |
| #           |  |

**Bartlett & West**

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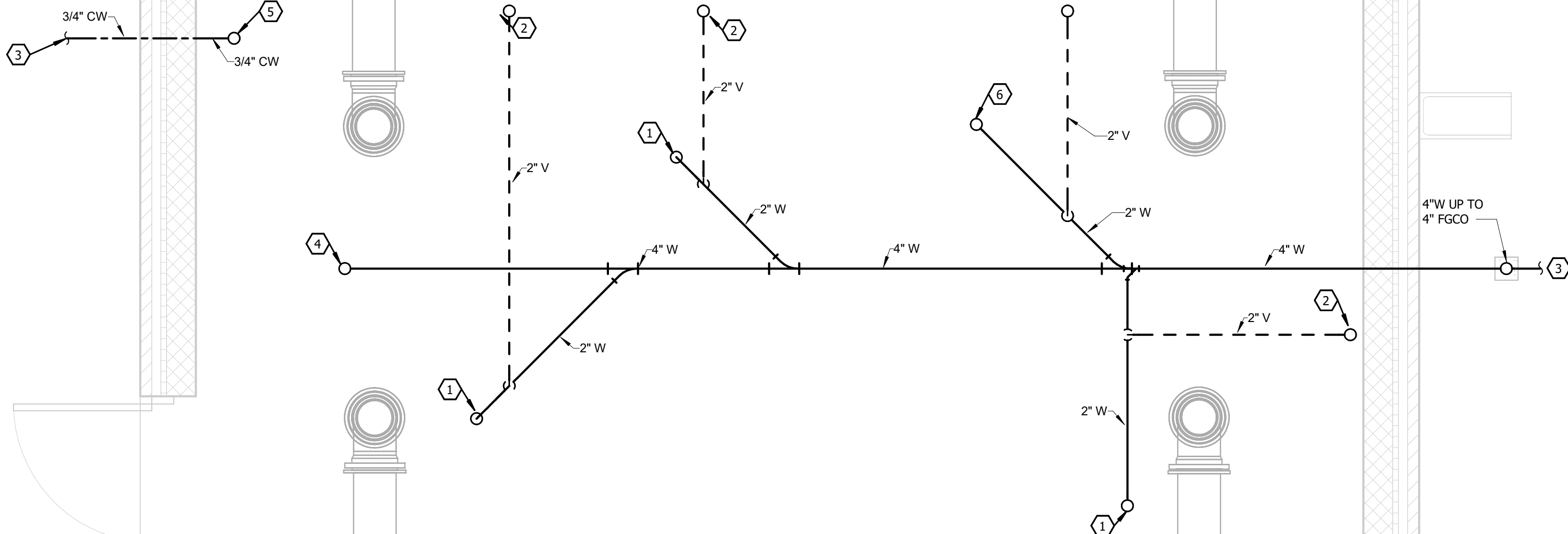
ODOR CONTROL IMPROVEMENT  
CENTRAL PARK PUMP STATION  
MEP SITE IMPROVEMENT PLAN  
ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



|              |                |
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| SHEET NO:    | 35 of 52       |

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- 1 2" W UP TO FLOOR DRAIN FD-1. REFER TO SHEET P-102.
- 2 2" VENT UP. REFER TO SHEET P-102.
- 3 REFER TO SITE PLAN FOR CONTINUATION SHEET MEP101.
- 4 4" W UP TO 4" FFCO. REFER TO SHEET P-102.
- 5 3/4" CW UP. REFER TO SHEET P-102.
- 6 2" W UP TO AIR VENT DRAIN. REFER TO SHEET P-102.

1. COORDINATE WITH OTHER TRADES ON EXACT PIPING LOCATIONS.
2. REFER TO CIVIL SITE PLAN FOR ADDITIONAL INFORMATION.

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**ODOR CONTROL IMPROVEMENT  
CENTRAL PARK PUMP STATION  
UNDERFLOOR PLUMBING PLAN**

**ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS**



|              |                   |
|--------------|-------------------|
| DESIGNED BY: | BJNN              |
| DRAWN BY:    | ART               |
| APPROVED BY: | WJNN              |
| DESIGN PROJ: | 19637.0111        |
| CONST:       | XXXXX.XXXXX       |
| SCALE:       | AS NOTED          |
| DATE:        | SEPTEMBER 2025/25 |
| DRAWING NO:  | <b>P-101</b>      |
| SHEET NO:    | 26 of 52          |



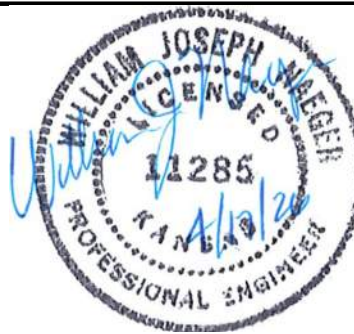


- 1 2" V UP TO 3"VTR.
- 2 2" V DOWN.
- 3 3/4" CW DOWN WALL TO "HB1" & "HB2".
- 4 3/4" CW DN THROUGH FLOOR. REFER TO UNDERFLOOR PLUMBING PLAN, SHEET P-101.
- 5 CONNECT 2" W TO PROCESS EQUIPMENT AIR VENT RELIEF LINE. COORDINATE WITH PROCESS DRAWINGS.
- 6 PROVIDE SHUT-OFF VALVE 18" ABOVE FINISHED FLOOR.
- 7 MOUNT WATER LINE TIGHT TO STRUCTURE.
- 8 TRANSITION AIR RELIEF LINE TO 2". DROP 2" DOWN THROUGH FLOOR AND TEE UP THROUGH ROOF WITH 2" W. PROVIDE FLASHING OF PIPE ROOF PENETRATION. REFER TO DETAIL 5/P-101. REFER TO P-101 FOR CONTINUATION BELOW FLOOR.
- 9 REFER TO DETAIL 7/P-501.
- 10 3"SD UP TO ROOF DRAIN. REFER TO M-102 FOR ROOF DRAIN "RD1" LOCATION.
- 11 3"OSD UP TO OVERTFLOW ROOF DRAIN. REFER TO M-102 FOR ROOF DRAIN "RD1" LOCATION.
- 12 PROVIDE "DS1" AT 12" AFG.
- 13 PROVIDE SPLASH BLOCK AT STORM DRAIN "DS1".

1. COORDINATE WITH OTHER TRADE TO ELIMINATE CONFLICTS. END TO VERIFY EXACT PIPING LOCATIONS.

**ODOR CONTROL IMPROVEMENT  
CENTRAL PARK PUMP STATION  
FIRST FLOOR PLUMBING PLAN**

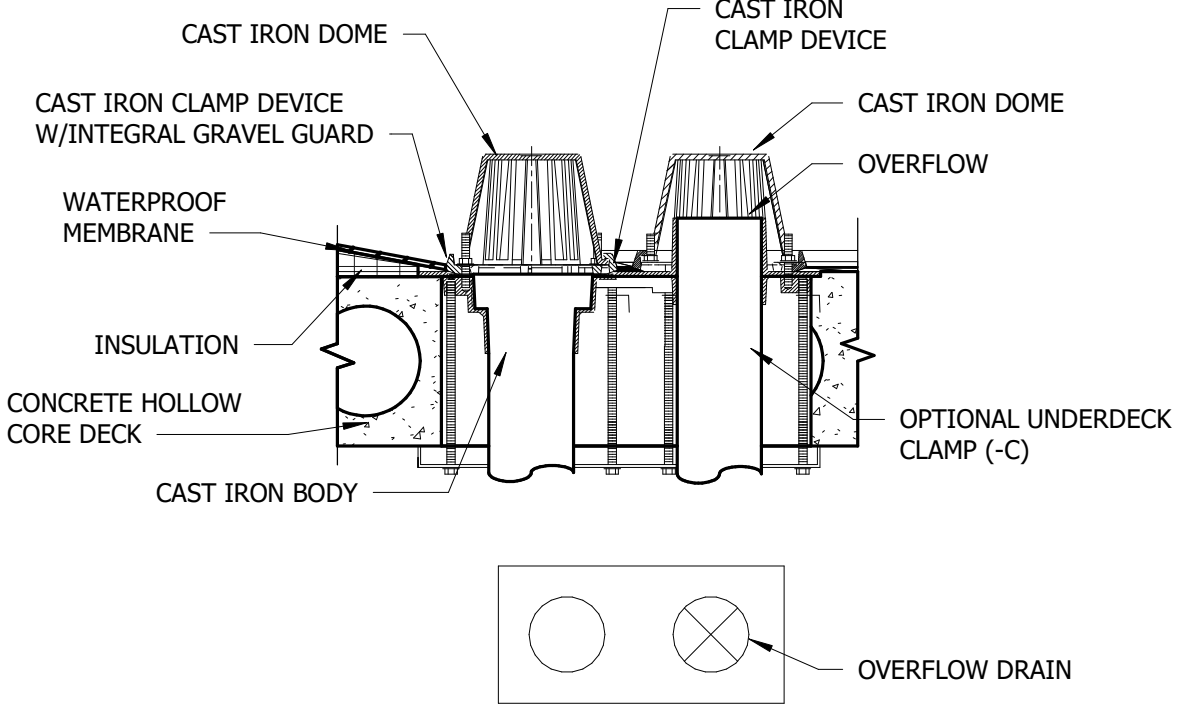
**ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS**



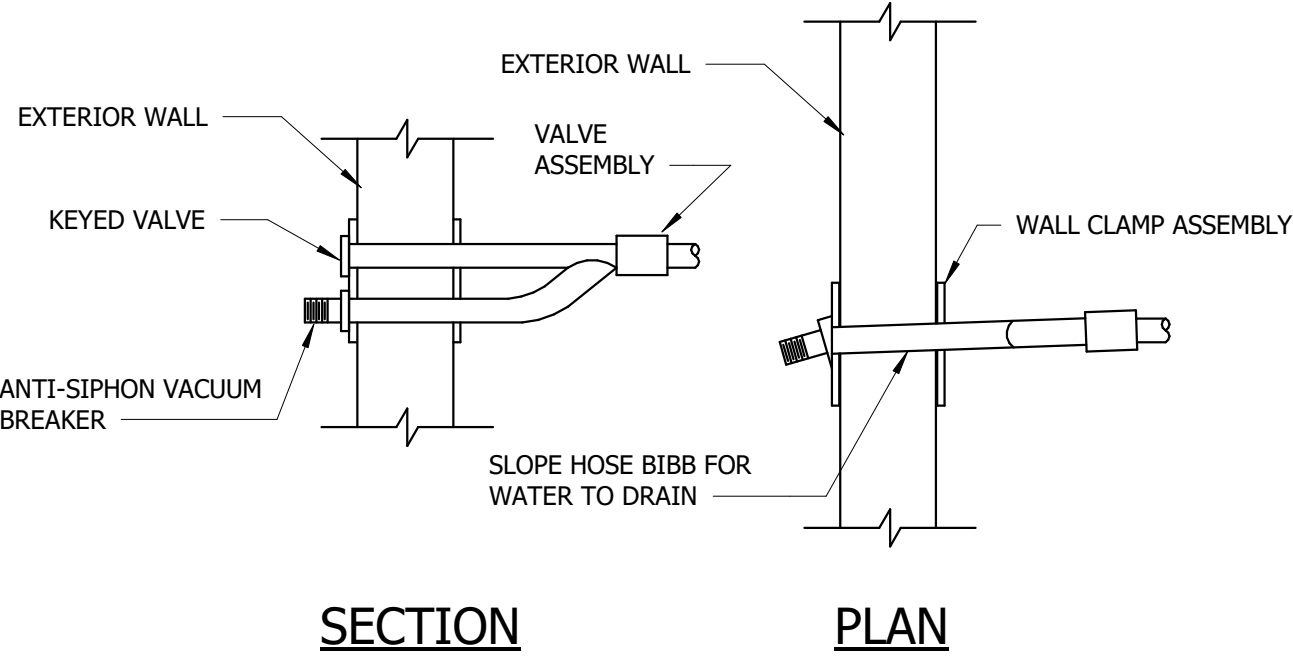
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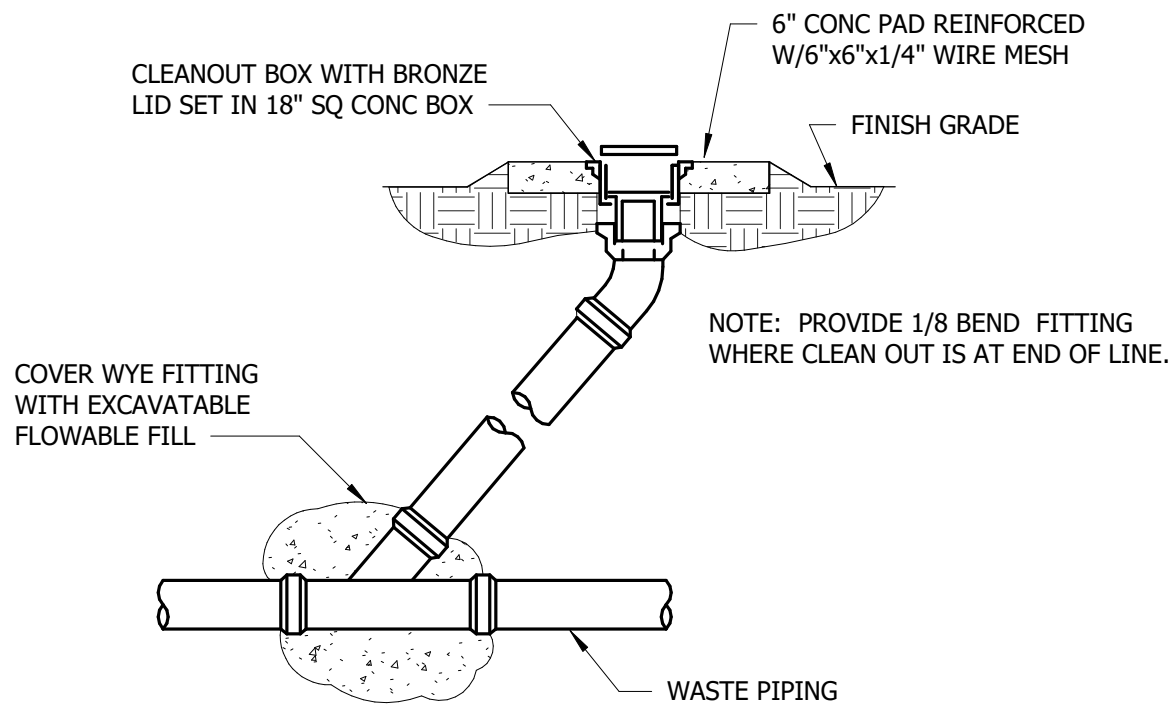




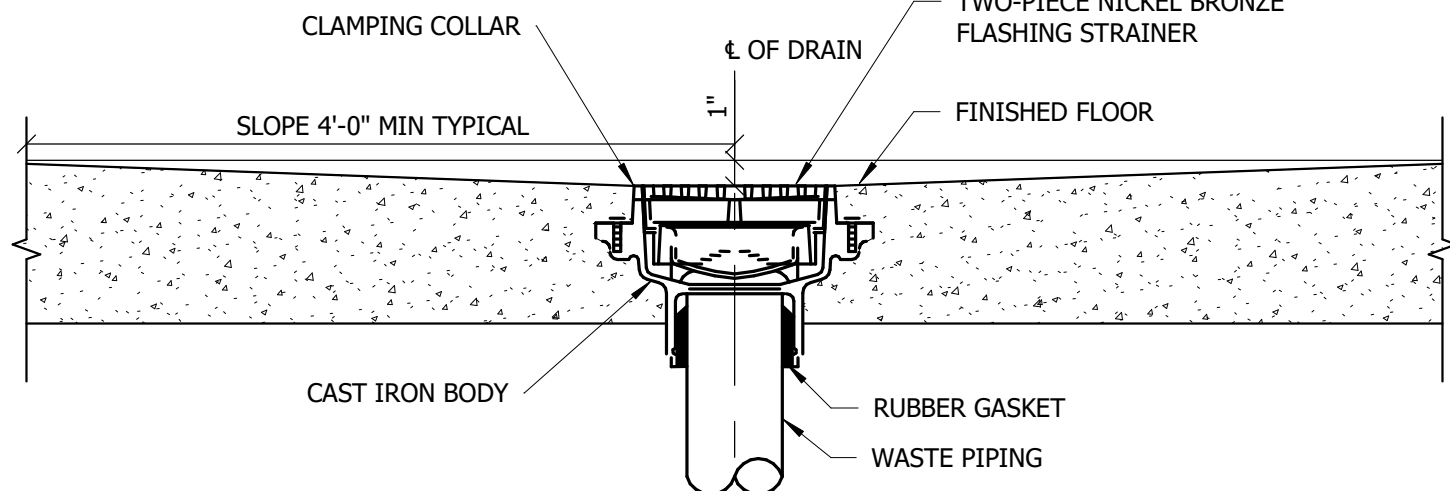
8 ROOF DRAIN DETAIL - STEEL DECK  
NOT TO SCALE



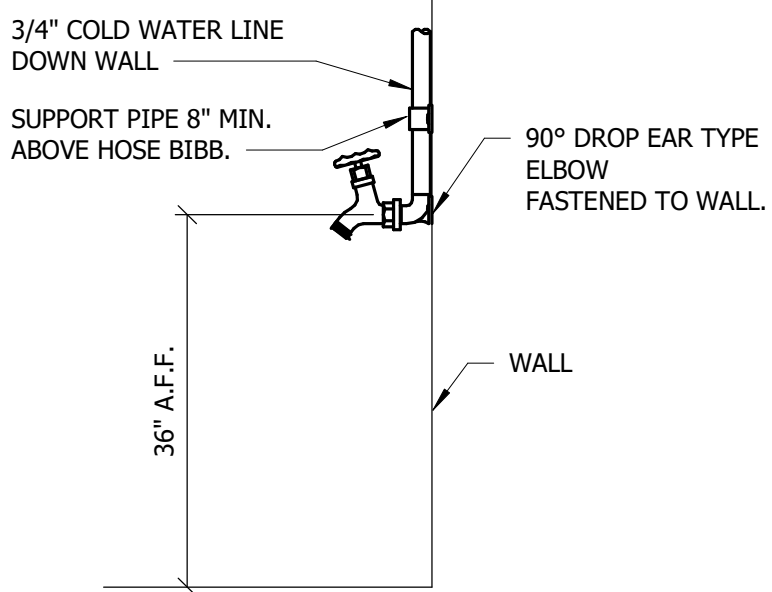
5 HOSE BIBB DETAIL - EXTERIOR  
NOT TO SCALE



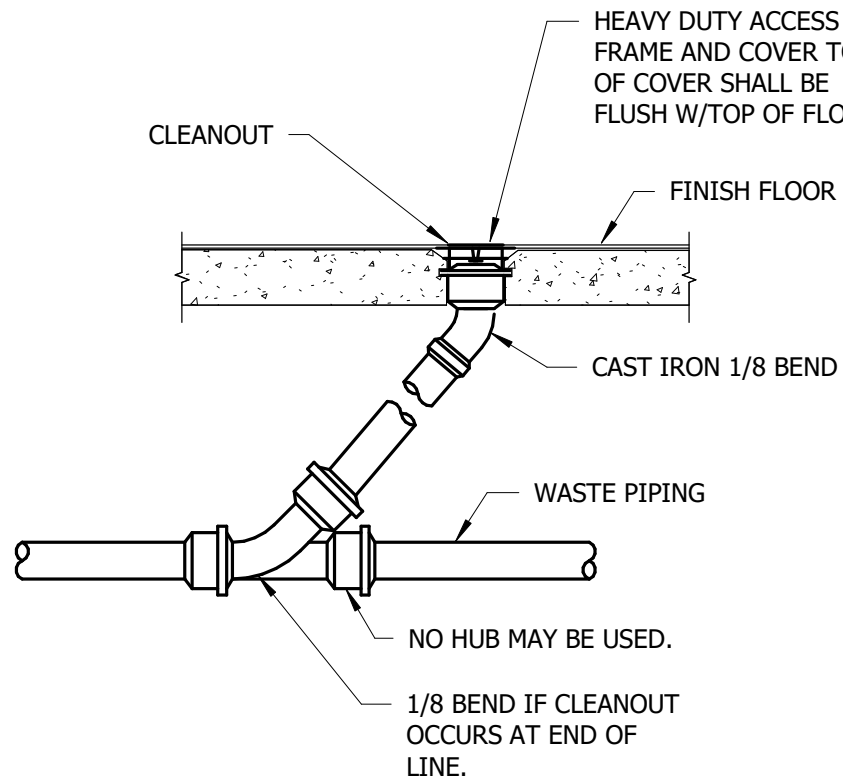
6 FINISHED GRADE CLEANOUT DETAIL  
NOT TO SCALE



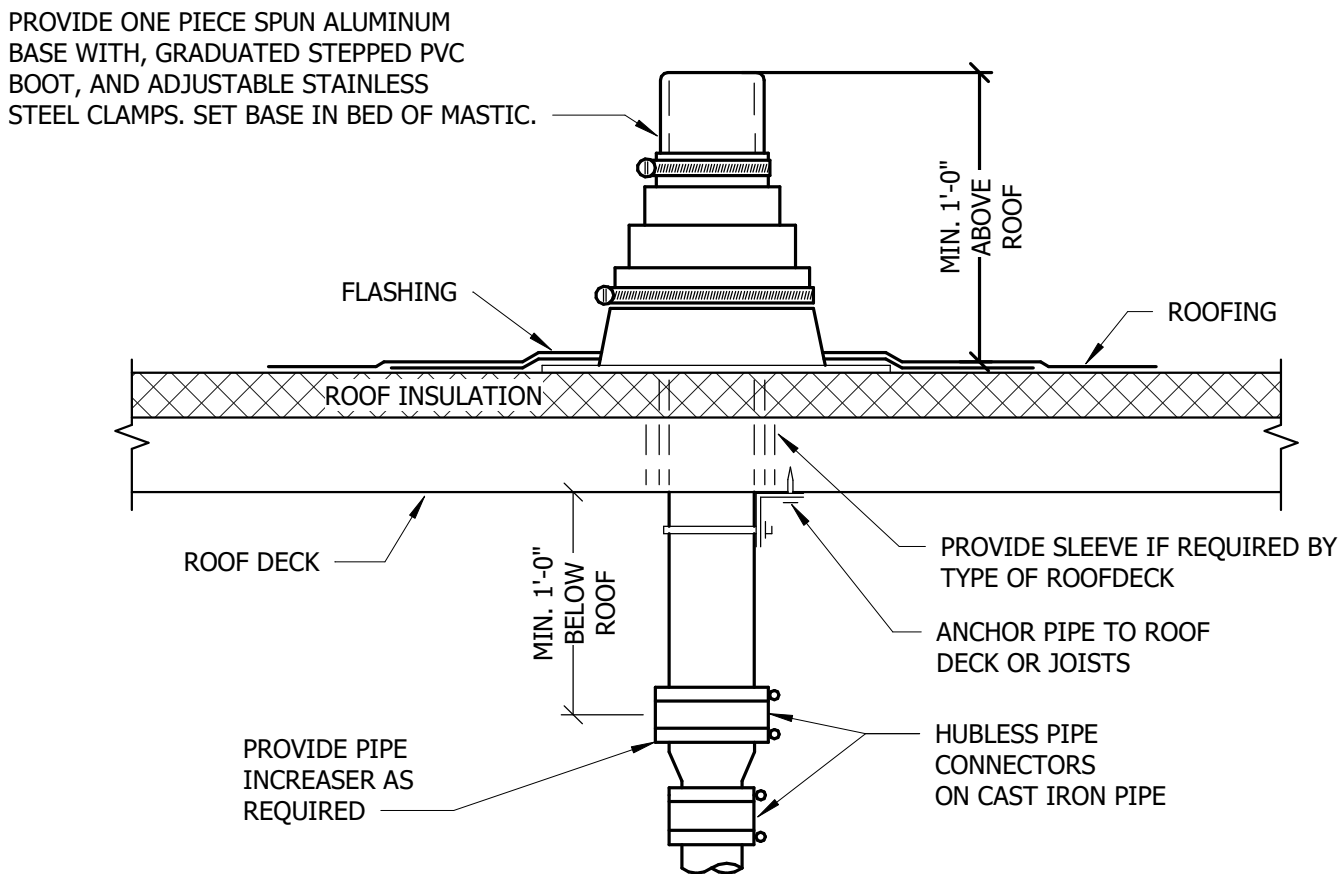
1 FLOOR DRAIN DETAIL  
NOT TO SCALE



2 HOSE BIBB DETAIL - INTERIOR  
NOT TO SCALE



3 FINISH FLOOR CLEANOUT DETAIL  
NOT TO SCALE



NOTES:  
1. REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR MINIMUM TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, AND ONE FOOT FROM ANY VERTICAL SURFACE. PROVIDE 1" FIBERGLASS INSULATION WITH ALL SERVICE JACKET ON VENT PIPE INSIDE BUILDING WITHIN SIX FEET OF VENT THROUGH ROOF LOCATION. VERIFY FLASHING AND CONTERFLASHING WITH ROOFING CONTRACTOR.

4 VENT THROUGH ROOF DETAIL - FLAT  
NOT TO SCALE

| PLUMBING FIXTURE SCHEDULE |                         |          |          |          |                         |    |       |      |  | DESCRIPTION                                                                                                     | ACCESSORIES                               |
|---------------------------|-------------------------|----------|----------|----------|-------------------------|----|-------|------|--|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| MARK                      | FIXTURE                 | MFGR     | MODEL    | MOUNTING | ROUGH-IN SIZES (INCHES) |    |       |      |  |                                                                                                                 |                                           |
|                           |                         |          |          |          | CW                      | HW | WASTE | VENT |  |                                                                                                                 |                                           |
| FD1                       | FLOOR DRAIN             | ZURN     | ZN415-7B | FLOOR    | -                       | -  | 2"    | -    |  | HEAVY DUTY FLOOR DRAIN FOR FINISHED FLOOR AREAS WITH 7" NICKEL BRONZE LIGHT-DUTY STRAINER.                      |                                           |
| HB1                       | INTERIOR HOBE BIBB      | WOODFORD | MODEL 24 | WALL     | 3/4                     | -  | -     | -    |  | WALL MOUNTED HOSE BIBB WITH ANTI SIPHON, VACUUM BREAKER                                                         | PROVIDE ANTI-SIPHON, VACUUM BREAKER       |
| HB2                       | EXTERIOR WALL HYDRANT   | WOODFORD | MODEL 65 | WALL     | 3/4                     | -  | -     | -    |  | WALL MOUNTED AUTOMATIC DRAINING, FREEZELESS WALL HYDRANT WITH HOSE CONNECTION ANTI-SIPHON VACUUM BREAKER.       | PROVIDE ANTI-SIPHON, VACUUM BREAKER & KEY |
| RD1                       | ROOF DRAIN              | ZURN     | RD2130   | ROOF     | -                       | -  | 3"    | -    |  | ZURN COMBINATION ROOF DRAIN AND OVERFLOW CONSTRUCTED OF DURA-COATED CAST IRON BODY AND CAST IRON DOME STRAINER. |                                           |
| DS1                       | DOWNSPOUT               | ZURN     | Z199     | WALL     | -                       | -  | 3"    | -    |  | DOWNSPOUT NOZZLE ALL NICKEL BRONZE BODY AND DECORATIVE FACE WALL FLANGE.                                        |                                           |
| FFCO                      | FINISHED FLOOR CLEANOUT | ZURN     | ZN1400   | -        | -                       | -  | 4"    | -    |  | EXTRA-HEAVY-DUTY ADJUSTABLE CLEANOUT.                                                                           |                                           |
| FGCO                      | FINISHED GRADE CLEANOUT | ZURN     | Z1400    | -        | -                       | -  | 4"    | -    |  | EXTRA-HEAVY-DUTY ADJUSTABLE CLEANOUT.                                                                           |                                           |

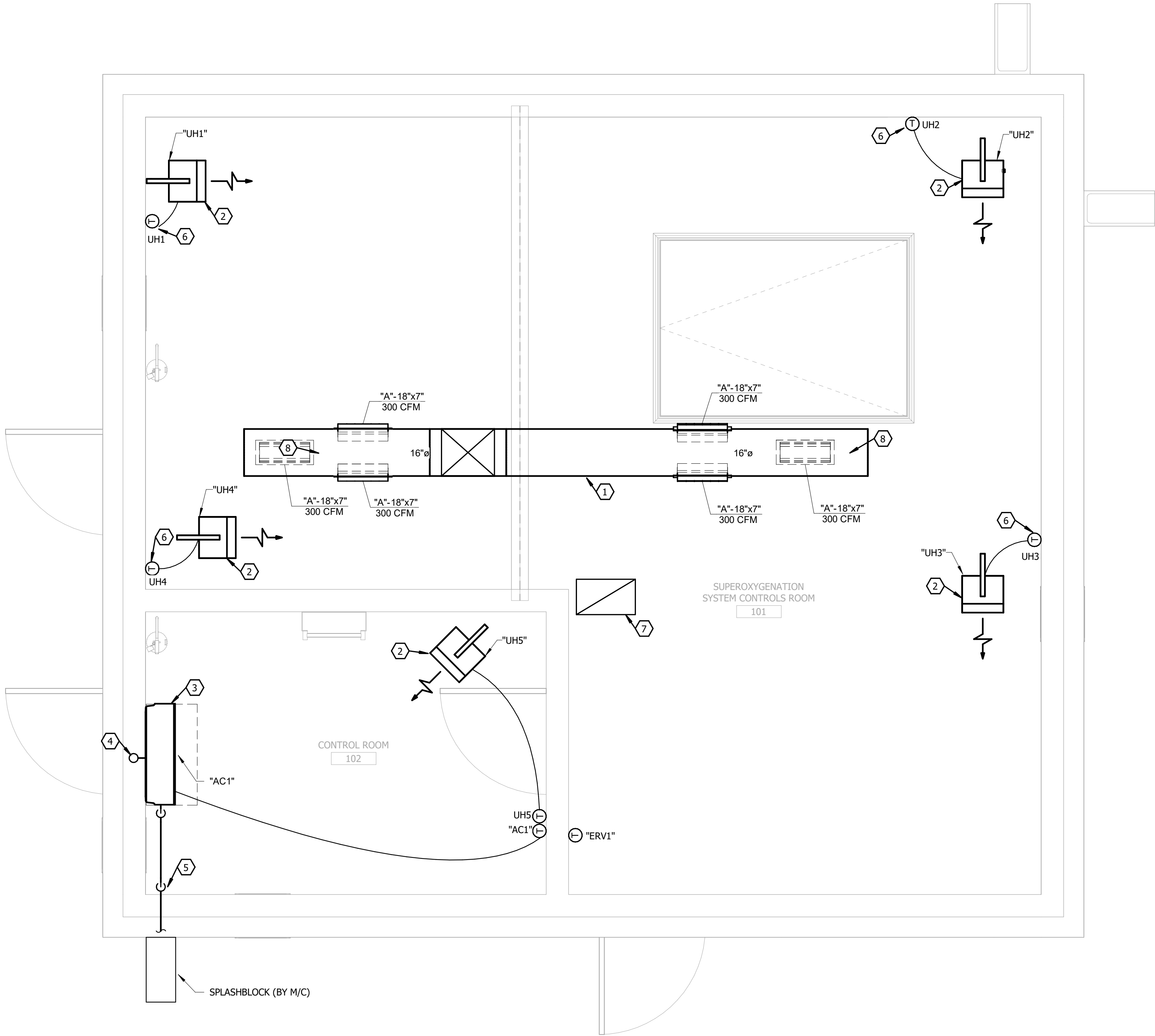
ODOR CONTROL IMPROVEMENT  
PLUMBING DETAILS & SCHEDULES

ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



|              |                |
|--------------|----------------|
| DESIGNED BY: | BJN            |
| DRAWN BY:    | ART            |
| APPROVED BY: | WJN            |
| DESIGN PROJ: | 19637.011      |
| CONST:       | XXXXXX.XXX     |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | P-501          |
| SHEET NO:    | 38 of 52       |





**FIRST FLOOR MECHANICAL PLAN**  
SCALE: 1/2" = 1'-0"

REFERENCE NOTES:

- 1 ROUTE 16"x18" DUCT UP TO "ERV1" ON ROOF. REFER TO M-102 FOR CONTINUATION.
- 2 MOUNT TOP OF UNIT HEATER 8 FT ABOVE FINISHED FLOOR.
- 3 MOUNT TOP OF "AC1" 7' 6" A.F.F.
- 4 REFRIGERANT LINES UP THROUGH ROOF TO "CU-1". REFER TO M-102 FOR CONTINUATION.
- 5 DRAIN LINE, FULL SIZE OF UNIT OPENING. DROP CONDENSATE DRAIN LINE DOWN TO 12" AFF AND TURN OUT THROUGH EXTERIOR WALL. TERMINATE OVER SPLASH BLOCK.
- 6 PROVIDE INSULATED THERMOSTAT BASE TO ISOLATE THERMOSTAT FROM EXTERIOR WALL.
- 7 ROUTE 12 X 20 RETURN AIR DUCT DOWN TO 12" AFF. PROVIDE 1/4" X 1/4" HAIL SCREEN PANEL OVER DUCT OPENING. ROUTE UP TO "ERV1". REFER TO SHEET M-102 FOR CONTINUATION.
- 8 MOUNT SUPPLY REGISTER ON BOTTOM OF DUCT.

GENERAL NOTES:

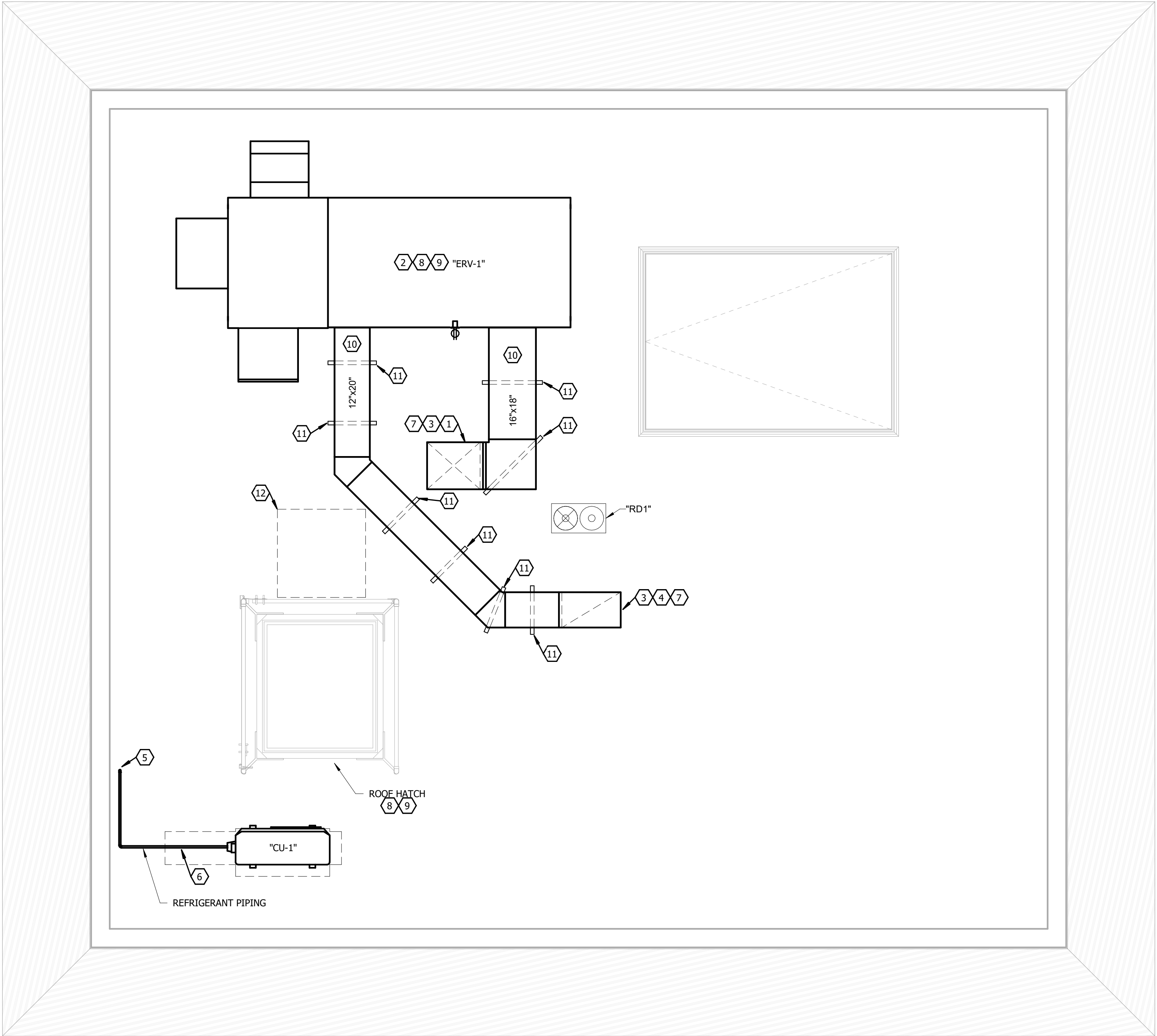
1. COORDINATE EXACT LOCATIONS OF EQUIPMENT AND DUCTS WITH OTHER CONSTRUCTION.

ODOR CONTROL IMPROVEMENT  
CENTRAL PARK PUMP STATION  
FIRST FLOOR MECHANICAL PLAN  
ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



|              |                |
|--------------|----------------|
| DESIGNED BY: | BJN            |
| DRAWN BY:    | ART            |
| APPROVED BY: | WJN            |
| DESIGN PROJ: | 19637.011      |
| CONST:       | XXXXXX.XXX     |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | M-101          |
| SHEET NO:    | 39 of 52       |





ROOF MECHANICAL PLAN

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

REFERENCE NOTES:

- 1 ROUTE 16"x18" SUPPLY DUCT DN. REFER TO M-101 FOR CONTINUATION.
- 2 COORDINATE EXACT FOOTPRINT WITH EQUIPMENT.
- 3 COORDINATE EXACT DUCT OPENING LOCATION WITH STRUCTURAL AND PROCESS EQUIPMENT.
- 4 ROUTE 12"x20" RETURN DUCT DN. REFER TO M-101 FOR CONTINUATION.
- 5 REFRIGERANT LINES DOWN THROUGH ROOF TO WALL MOUNTED "AC1". REFER TO M-101 FOR CONTINUATION.
- 6 PROVIDE PIPE SUPPORT OFF ROOF. REFER TO SPECIFICATIONS.
- 7 PROVIDE ROOF CURB FOR DUCT PENETRATION. REFER DETAIL 4/M-501.
- 8 REFER DETAIL 2/M-501 FOR EQUIPMENT MOUNTING.
- 9 PROVIDE CONDENSATE DRAIN LINE, FULL SIZE OF UNIT OUTLET. REFER DETAIL 1/M-501.
- 10 REFER TO EXTERIOR DUCT INSULATION DETAIL 3/M-501 FOR REQUIRED INSULATION WORK.
- 11 PROVIDE THYBAR MODEL "TEMS-1" EQUIPMENT SUPPORT CURB TO SUPPORT DUCT FROM CURB. PROVIDE MINIMUM 12" CLEARANCE FROM BOTTOM OF DUCT INSULATION TO TOP OF ROOF.
- 12 ROUTE DUCT ON ROOF TO ALLOW MINIMUM 30"x30" CLEAR IN FRONT OF ROOF HATCH FOR ACCESSING ROOF FROM HATCH.

GENERAL NOTES:

1. COORDINATE ALL ROOF OPENING WITH EQUIPMENT SHOP DRAWINGS AND STRUCTURAL/ARCHITECTURAL DRAWINGS.
2. EQUIPMENT MANUFACTURER SHALL BE RESPONSIBLE FOR SIZING OF REFRIGERANT PIPING.

ODOR CONTROL IMPROVEMENT  
CENTRAL PARK PUMP STATION  
ROOFTOP MECHANICAL PLAN

ODOR CONTROL IMPROVEMENTS  
TOPEKA, KANSAS



|              |                |
|--------------|----------------|
| DESIGNED BY: | BJN            |
| DRAWN BY:    | ART            |
| APPROVED BY: | WJN            |
| DESIGN PROJ: | 19637.011      |
| CONST:       | XXXXXX.XXX     |
| SCALE:       | AS NOTED       |
| DATE:        | SEPTEMBER 2025 |
| DRAWING NO:  | M-102          |
| SHEET NO:    | 40 of 52       |

**Bartlett & West**

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