

**MCDOWELL COUNTY SCHOOLS  
MCDOWELL COUNTY, WEST VIRGINIA  
FALL RIVER ELEMENTARY WINDOW AND DOOR REPLACEMENT & MOUNT VIEW  
HIGH RESTROOM RENOVATIONS  
ADDENDUM #3  
December 2, 2021  
THRASHER PROJECT #060-10246**

TO WHOM IT MAY CONCERN:

A Pre-Bid Conference was held on Tuesday, November 16, 2021 on the above-referenced project, a copy of the sign in sheet is included in this Addendum. The following are clarifications and responses to questions posed by contractors for the above reference project.

**A. GENERAL**

- 1. THE BID FORM HAS BEEN REVISED. YOU MUST USE THE REVISED BID FORM WHEN PREPARING YOUR BID PACKAGE FOR THIS PROJECT.**
- The link for virtual Bid Opening is via Microsoft Teams meeting Join on your computer or mobile app <https://tinyurl.com/cc4rarde> Or call in (audio only)  
[+1 304-935-0841](tel:+13049350841),9604741#
- Contractor shall verify pre-existing conditions in order to provide a well-informed bid estimate. Information for scheduling a site visit was provided at the mandatory pre-bid conference.

**B. SPECIFICATIONS**

- Scranton Hiny Hiders Solid Plastic is an acceptable manufacturer for specification section 102113 "Toilet Compartments."
- REVISE TO READ Additive Alternate No. 6: Mount View – Provide 3x6 wall tile 7' 0" A.F.F.in Restrooms 0207 and 0208 in lieu of FRP wall paneling.
- ADD specification section 012100 "Allowances"
- ADD specification section 012200 "Unit Prices"

**C. DRAWINGS**

A1.07R1 Supplemental  
A7.01R1 Supplemental  
PD2.01R1  
P2.01R1  
MD3.01R1  
MD3.02R1  
M3.01R1  
M3.02R1  
M5.01R1  
ED2.01R1  
ED2.04R1  
E2.01R1  
E2.04R1  
FPD2.01R1  
FP2.01R1

**D. QUESTIONS AND RESPONSES**

**QUESTION**

1. Re: Division 28 - Access Controls - Will you be providing any further information for bidding purposes on the access controls other than including the access controls within Section: 087100 - Door Hardware? Information such as Electrical Power Requirement Drawing, System Drawing, System Details.

**RESPONSE**

The door hardware with access controls is being interchanged.

**QUESTION – MOUNT VIEW**

2. Would it be possible to amend the MEP Plan Sheets to identify the Alternates?

**RESPONSE**

See revised plans attached to this addendum.

**QUESTION – MOUNT VIEW**

3. The projection duration is 60 calendar days. There is absolutely no way Base Bid alone can be accomplished in this short amount of time with the current conditions in today's construction market and when the Alternates are accepted, this would increase the amount of work substantially.

Just a few Examples:

Tile is 8 weeks after selection.

Partitions is 8 weeks after selection

Glazing is 6-8 weeks after field verifications.

Another issue with the timeline. We will not have access to all restrooms at the same time. This is just not possible, therefore, a Phasing Plan will have to be implemented to get the work done and to also allow the students and facility access to restrooms. Phasing alone would add another 60 calendar days.

After reviewing this project in great detail and considering all delay possibilities. It is of my opinion this is a 150 calendar day project.

With this being said, should we include 90 calendar days x \$750.00 per calendar day = \$67,500.00 as liquidated damages?

We are requesting the Initial Decision Maker to reevaluate the construction calendar days to accommodate the submittal process, fabrication/manufacturing/delivery issues.

**RESPONSE**

Revise Substantial Completion: One hundred fifty (150) calendar days.

**QUESTION**

4. The Demolition Note 6 on Sheets A1.05 & A1.06 indicate to remove gypsum board ceilings or ceiling tiles and grid. The Gypsum Board Ceiling is schedule to be 8'-0" F.F.E. Does this match the existing elevations of the ceilings scheduled to be removed?

**RESPONSE**

Yes, new ceiling heights match existing ceiling heights.

**QUESTION – MOUNT VIEW**

5. The Demolition Note 6 on Sheets A1.05 & A1.06 indicate to remove gypsum board ceilings or ceiling tiles and grid. The Gypsum Board Ceiling is schedule to be 8'-0" F.F.E. Will a Suspended Framing System be required for the new Gypsum Board Ceilings, if so, please detail and specify?

**RESPONSE**

All restrooms have existing gypsum board ceilings. A suspending framing system for new gypsum board ceiling is required where a portion of the janitor closet is being demolished: Restrooms 101, 102, 201, 202, 301, 302 (401, 402 Alternate #1)

**QUESTION – MOUNT VIEW**

6. Could a detail be provided as to what the existing conditions consist of and what the intensions are for applying materials to resist the passage of smoke?
7. Is this as simple as fire caulking existing walls or do the existing walls need to be extended to the deck and then fire caulked?

----- PARTITION TO RESIST THE  
PASSAGE OF SMOKE.

**RESPONSE**

Smoke partitions shall extend from the floor to the underside of the ceiling above.

**QUESTION – MOUNT VIEW**

8. I do not see a Insulation Specification and the Partition Types 1 & 2 do not indicate to install insulation. Assuming since we are in a conditional space, insulation is not required, nor is sound insulation required, as the walls appear to be plumbing chase walls. Is this correct?

**RESPONSE**

Yes.

**QUESTION – MOUNT VIEW**

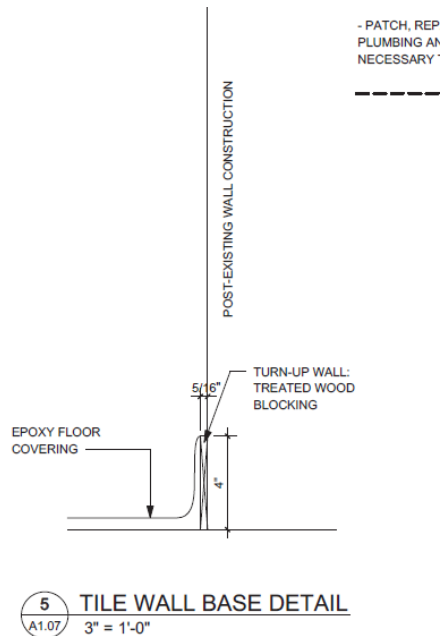
9. 5/16" Treated Wood Blocking would be hard to come by. The material would need to be run through a planner, adding additional costs to the application. Is 1/4" cement board acceptable?

**RESPONSE**

Yes.

**QUESTION – MOUNT VIEW**

10. Is this the same detail we are to use on FRP walls? Or would this detail be required for FRP walls?



**RESPONSE**

Not required for FRP walls.

**QUESTION – MOUNT VIEW**

11. 14/A4.01 - Interior Elevation - Restrooms 205 & 206 - Does not show a mirror. Is a mirror required?

**RESPONSE**

No.

**QUESTION – MOUNT VIEW**

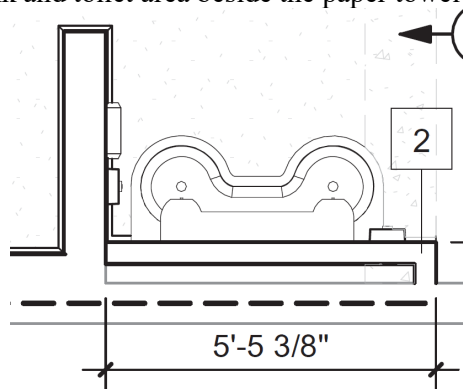
12. 3/A4.02 - Interior Elevation - Restroom 209 - Does not show a mirror. Is a mirror required?

**RESPONSE**

No.

**QUESTION – MOUNT VIEW**

13. Review screen shot below: Restroom 209. What is on the dividing wall between the hand sink and toilet area beside the paper towel dispenser? Is this another soap dispenser?



**RESPONSE**

Soap dispenser.

**QUESTION – MOUNT VIEW**

14. 5/A4.02 - Interior Elevation - Restroom 210 - Does not show a mirror. Is a mirror required?

**RESPONSE**

No.

**QUESTION – MOUNT VIEW**

15. Restroom 210. What is on the dividing wall between the hand sink and toilet area beside the paper towel dispenser? Is this another soap dispenser?

**RESPONSE**

Soap dispenser.

**QUESTION – MOUNT VIEW**

16. 7/A4.01 - Interior Elevation - Restrooms 101 & 102, 201 & 202, 301 & 302 & (Alternate 401 & 402) - Does not show a mirror. Is a mirror required?

**RESPONSE**

No.

**QUESTION – MOUNT VIEW**

17. 10/A4.02 - Interior Elevation - Restroom 211 (Alternate) - Does not show a mirror. Is a mirror required?

**RESPONSE**

No.

**QUESTION – MOUNT VIEW**

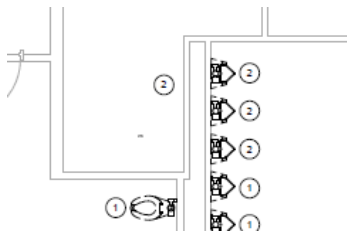
18. 11/A4.02 - Interior Elevation - Restroom 212 (Alternate) - Does not show a mirror. Is a mirror required?

**RESPONSE**

No.

**QUESTION – MOUNT VIEW**

19. Is the Tag 2 all by itself a misplaced tag?



**RESPONSE**

Yes. Delete.

**QUESTION – MOUNT VIEW**

20. Plumbing Demolition Note 1: If the piping identified to remain and be reused is not in good working order, will the work to replace the unsatisfactory piping be paid for through a Change Order?

**RESPONSE**

See Specification 012200 "Unit Prices" and Specification 012100 "Allowances" attached to this addendum.

**QUESTION – MOUNT VIEW**

21. Is the Plumbing Contractor to remove the plumbing fixtures as to not create damage to the exiting fixtures or will the Plumbing Contractor be permitted to demolish the existing plumbing fixtures by his own means and methods to save on labor expenses?

**RESPONSE**

Remove existing plumbing fixtures by contractor's means and methods.

**QUESTION – MOUNT VIEW**

23. Should the Fire Rated Sealant Each Side be installed at the top of the wall as identified for the bottom of the wall, each side?

**RESPONSE**

Provide fire rated sealant at the bottom and top of walls.

**QUESTION – MOUNT VIEW**

24. All floors are and the 4" base is epoxy as per Detail 5/A1.07 & Sheets A4.01 & A4.02 Elevations. Is this correct?

**RESPONSE**

All floors receive epoxy flooring that turns up wall 4 inches.  
5/A1.07 details the base at wall tile locations. The wood blocking or cement board is not needed at FRP panel locations.

**QUESTION – MOUNT VIEW**

25. All ceilings are painted gypsum board as per A1.09 & A1.10 Reflective Ceiling Plan. Is this correct?

**RESPONSE**

Yes.

**QUESTION – MOUNT VIEW**

26. No walls are scheduled to be painted. Only the ceilings and bulkheads. Is this correct?

**RESPONSE**

The wall between the tile and ceiling receives new paint.

**QUESTION – MOUNT VIEW**

27. As per General Notes on Sheets A1.07 & A1.08 - Base Bid: All walls that do not receive tile receive FRP Paneling unless otherwise noted. Just so we are on the same page, the intent is that all walls, North, South, East & West walls shall receive FRP, unless other identified on

Sheets A4.01& A4.02 to receive Tile? Is this correct? If this is so, I am confused with Alternate No. 6.

**RESPONSE**

Correct. Additive Alternate No. 6 REVISE TO READ: Mount View – Provide 3x6 wall tile 7'-0" A.F.F. in Restrooms 0207 and 0208 in lieu of FRP wall paneling.

**QUESTION – MOUNT VIEW**

**28.** A Finish Schedule would help clarify the finishes. Will a Finish Schedule be provided?

**RESPONSE**

See sheet A7.01R1 attached to this addendum.

**QUESTION – MOUNT VIEW**

**29.** Could a bulkhead detail be provided?

**RESPONSE**

See sheet A1.07R1 attached to this addendum.

**QUESTION – MOUNT VIEW**

**30.** The Plumbing Plan 6/P2.01 does identify both water closets in restroom 211 as WCH, but the 3/A1.08 Architectural Plans only identifies one handicap stall. This may need clarified.

**RESPONSE**

The water closet for the non-handicap stall shall be type WC.

**QUESTION – MOUNT VIEW**

**31.** The Please refer to Sheets M3.01 & M3.02 - HVAC Key Note 2.  
Should the existing exhaust fans be in need of repairs, will the repairs and/or replacements be approved by Change Order?

**RESPONSE**

Yes.

**QUESTION – MOUNT VIEW**

**32.** Please refer to Sheets M3.01 & M3.02 - HVAC Key Note 3.  
Should the existing ceiling heater units be in need of repairs, will the repairs and/or replacements be approved by Change Order?

**RESPONSE**

Yes.

**QUESTION – MOUNT VIEW**

**33.** Fire Dampers – Where can I find the requirements in the bidding documents for fire dampers, both HVAC & Electrical Requirement?

**RESPONSE**

See revised plan sheets M3.01R1, M5.01R1 and E2.01R1.

**QUESTION – MOUNT VIEW**

**34.** Fire Dampers – Should fire dampers be installed in the duct work will penetrating through the floor or fire wall?

**RESPONSE**

See revised plan sheets M3.01R1, M5.01R1 and E2.01R1.

**QUESTION – MOUNT VIEW**

**35.** The reflective ceiling plans indicates all proposed new ceilings to be painted gypsum board. Upon reviewing the description of D1 Louver on the Schedule "referring to Sheet M1.01", the description indicates the diffusers to be Type 3 for lay-in ceilings. Also, the General Notes A & B indicate the size of neck and grilles is shown on the plans. Please clarify.

**RESPONSE**

Provide Frame Type 1 for surface mounted conditions. All air devices shall be 24 x 24 with neck size as noted by the device Tag or Plan Note 5.

**QUESTION – MOUNT VIEW**

**36.** Also, when you refer to 7/M3.01 Restroom 209, these diffusers appears to be much larger than the others shown and I am having a hard time distinguishing the diffusers placements.

**RESPONSE**

New diffuser face size shall be 24 x 24. Neck size and location shall match existing.

**QUESTION – MOUNT VIEW**

**37.** Same clarification request for 1/M3.02 Restroom 210.

**RESPONSE**

New diffuser face size shall be 24 x 24. Neck size and location shall match existing

**QUESTION – MOUNT VIEW**

**38.** The existing finishes would be extremely helpful in order to identify what preparations need to be made to install scheduled finishes.

**RESPONSE**

See supplemental sheet A7.01R1 attached to this addendum for an Existing Room Finish Schedule for reference.

Custodial Closet Finishes:

Gypsum walls

ACT ceilings

Concrete floors

**QUESTION – MOUNT VIEW**

**39.** "All exterior doors shall have a pull station mounted adjacent to the door. Spacing of pull stations shall not exceed 200' along path of egress." Does this note apply to this project?

**RESPONSE**

No.



**QUESTION – MOUNT VIEW**

40. “Field verify location and quantity of air handling units greater than 2000 CFM. Provide a duct smoke detector in the return air duct of each unit. Each air handler duct smoke detector shall be separately annunciated by the fire alarm panel and the annunciator. Provide remote LED indicator at ceiling below each detector.” Does this note apply to this project?

**RESPONSE**

No.

**QUESTION – MOUNT VIEW**

41. “Field verify location and quantity of electrical panels. Provide a smoke detector in each of these rooms.” Does this note apply to this project?

**RESPONSE**

No.

**QUESTION – MOUNT VIEW**

42. “Provide smoke detectors in corridor a maximum 15’ from each end and a maximum of 30’ on center.” Does this note apply to this project?

**RESPONSE**

No.

**QUESTION – MOUNT VIEW**

43. “Provide strobes in all toilets.” Does this note apply to this project?

**RESPONSE**

No. Fire Alarm system devices shall be as indicated on E2.01, E2.02, E2.03 and E2.04.

**QUESTION – MOUNT VIEW**

44. “Provide horn/strobes as required by NFPA 72. Spacing and sound level shall be such that the audible alarm can be effectively heard above the ambient noise level obtained under normal occupied conditions.” Does this note apply to this project?

**RESPONSE**

This requirement shall apply to the fire alarm system devices indicated on E2.01, E2.02, E2.03 and E2.04.

**QUESTION – MOUNT VIEW**

45. “Provide strobes in all public spaces except common areas as defined in the American with Disabilities Act. Spacing shall be per NFPA 72”. Does this note apply to this project?

**RESPONSE**

This requirement shall apply to the fire alarm system devices indicated on E2.01, E2.02, E2.03 and E2.04.

**QUESTION – MOUNT VIEW**

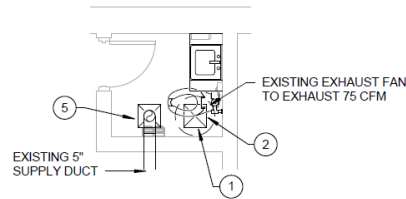
46. Should we provide a new exhaust grille in restroom 214 (Alternate)?

**RESPONSE**

No. Existing grille to remain and be cleaned.

**QUESTION – MOUNT VIEW**

**47.** HVAC Key Note 4 missing.



**4** ENLARGED HVAC PLAN - RESTROOM 214  
M3.02 1/4" = 1'-0"

**RESPONSE**

No. Existing grille to remain and be cleaned.

**QUESTION – MOUNT VIEW**

**48.** Please identify which clean-out is required "floor clean-out or wall clean-out" per each restroom.

**RESPONSE**

See Specification 012200 "Unit Prices" and Specification 012100 "Allowances" attached to this addendum.

**QUESTION – MOUNT VIEW**

**49.** No floor drain in restrooms 207 & 208. Is this correct?

**RESPONSE**

Yes.

**QUESTION – MOUNT VIEW**

**50.** No floor drain in restrooms 209 & 210. Is this correct?

**RESPONSE**

Floor drains have been added. See revised drawing P2.01.

**QUESTION – MOUNT VIEW**

**51.** Plumbing Key Notes: 9. FIELD VERIFY FLOOR EXISTING FLOOR DRAIN HAS A TRAP PRIMER. PROVIDE AND INSTALL A TRAP PRIMER IF NOT ALREADY INSTALLED. PROVIDE ACCESS PANEL AND SHUT OFF VALVE TO ISOLATE FOR FUTURE REPAIRS.

This note is tagged on 1/P2.01 - Enlarged Plumbing Plan for restrooms 101 & 102, 201 & 202, 3100 & 302 & 401 & 402 (Alternate).

How are we to determine during the bidding phase rather or not a trap primer is existing at each of this existing Floor Drains.

Are we to assume the trap primer does not exist and to install a trap primer, access panel and shut-off valve would be paid for through Change Order?

**RESPONSE**

See Specification 012200 "Unit Prices" and Specification 012100 "Allowances" attached to this addendum.

**QUESTION – MOUNT VIEW**

**52.** Should any existing isolation valves or main water valves at service entry not stop the flow of water during renovations. Will the Plumbing Contractor be paid for installing new isolation valves not identified on the bidding documents through Change Order to stop the flow of water?

**RESPONSE**

See Specification 012200 "Unit Prices" and Specification 012100 "Allowances" attached to this addendum.

**QUESTION – MOUNT VIEW**

**53.** There is no specification provided for access doors, nor, are the access doors identified on the drawings. Since the proposed new finishes on the ceilings is painted gypsum board.

- a. Should there be access panels in each of the restrooms?
- b. If access panels are required, what size per restroom and how many per restroom?

**RESPONSE**

See Specification 012200 "Unit Prices" and Specification 012100 "Allowances" attached to this addendum.


**E. CLARIFICATIONS**

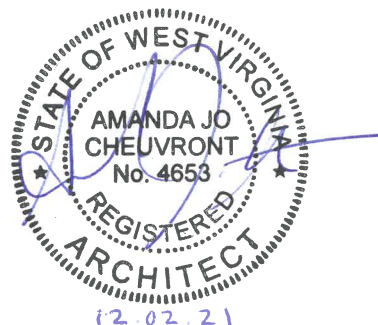
- 1. None

If you have any questions or comments, please feel free to contact me at your **earliest convenience**. As a **reminder, bids will be received until 3:00 p.m. on TUESDAY, December 7, 2021**. Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.

  
Amanda Cheuvront  
Project Manager



**MCDOWELL COUNTY BOARD OF EDUCATION  
MCDOWELL COUNTY, WEST VIRGINIA  
PROPOSED  
FALL RIVER ELEMENTARY WINDOW AND DOOR REPLACEMENT & MOUNT  
VIEW HIGH RESTROOM RENOVATIONS  
THRASHER PROJECT #060-10246**

**- I N D E X -**

**BIDDING DOCUMENTS**

Advertisement for Bids	AFB
Instructions to Bidders	AIA A701
Bid Opening Requirements	BOR
Bid Form	BID
Standard Form of Agreement between Owner and Contract	AIA A101
Performance and Payment Bonds	AIA A312
Change Order	AIA G701
Application and Certificate for Payment	AIA G702/G703
Certificate of Substantial Completion	AIA G704
Contractor's Affidavit of Payment of Debts and Claims	AIA G706
Contractor's Affidavit of Release of Liens	AIA G706A
Consent of Surety to Final Payment	AIA G707
Consent of Surety to Reduction in or Partial Release of Retainage	AIA G707A
General Conditions	AIA 201
The Thrasher Group, Inc. Modification & Supplements to AIA A201	AGC

**SPECIFICATIONS**

Summary	011000
Allowances	012100
Unit Prices	012200
Alternates	012300
Substitution Procedures	012500
Contract Modification Procedures	012600
Payment Procedures	012900
Project Management and Coordination	013100
Construction Progress Documentation	013200
Submittal Procedures	013300
Quality Requirements	014000
Temporary Facilities and Controls	015000
Product Requirements	016000
Execution	017300
Closeout Procedures	017700
Operation and Maintenance Data	017823
Project Record Documents	017839
Selective Demolition	024119
Plastic Paneling	066400
Hollow Metal Doors and Frames	081113
Aluminum-framed Entrances and Storefronts	084113
Door Hardware	087100

Glazing	088000
Gypsum Board	092900
Ceramic Tiling	093013
Exterior Painting	099113
Interior Painting	099123
High-performance Coatings	099600
Toilet Compartments	102113
Toilet, Bath, and Laundry Accessories	102800
Basic Electrical Materials and Methods	16050
Common Work Results for Fire Suppression	210500
Fire Suppression Sprinklers	211300
Plumbing Piping Insulation	220719
Plumbing Piping	221005
Plumbing Piping Specialties	221006
Plumbing Fixtures	224000
Testing, Adjusting, and Balancing for HVAC	230593
Duct Insulation	230713
HVAC Ducts and Casings	233100
Air Duct Accessories	233300
Air Outlets and Inlets	233700
Low-voltage Electrical Power Conductors and Cables	260519
Control-voltage Electrical Power Conductors and Cables	260523

Hangers and Supports for Electrical Systems	260529
Raceways and Boxes for Electrical Systems	260533
Wiring Connections	260583
Led Interior Lighting	265119

**MCDOWELL COUNTY BOARD OF EDUCATION  
MCDOWELL COUNTY, WEST VIRGINIA  
PROPOSED  
FALL RIVER ELEMENTARY WINDOW AND DOOR REPLACEMENT & MOUNT  
VIEW HIGH RESTROOM RENOVATIONS  
THRASHER PROJECT #060-10246  
BID**

Proposal of \_\_\_\_\_ (hereinafter called  
"BIDDER"), organized and existing under the laws of the State of \_\_\_\_\_ doing business  
as \_\_\_\_\_.  
To McDowell County Board of Education (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for  
McDowell County Fall River Elementary Window and Door Replacement & Mount View High Restroom  
Renovations in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein,  
and at the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto  
certifies as to its own organization, that this BID has been arrived at independently, without consultation,  
communication, or agreement as to any matter relating to this BID with any other BIDDER or with any  
competitor.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the  
NOTICE TO PROCEED and to fully complete the PROJECT with 150 consecutive calendar days from  
Notice to Commence. BIDDER further agrees to pay as liquidated damages, the sum of \$750.00 for each  
consecutive calendar day thereafter as provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

Addendum #

Date

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following  
lump sum:



**MCDOWELL COUNTY BOARD OF EDUCATION  
MCDOWELL COUNTY, WEST VIRGINIA  
PROPOSED  
FALL RIVER ELEMENTARY WINDOW AND DOOR REPLACEMENT & MOUNT VIEW  
HIGH RESTROOM RENOVATIONS  
THRASHER PROJECT #060-10246**

**BID SCHEDULE**

**FALL RIVER ELEMENTARY WINDOW AND DOOR REPLACEMENT**

**TOTAL BASE BID:** *Provide all labor, materials, equipment, fees, bonds, insurance and taxes to perform the work as detailed in the plans and specifications and addenda.*

\_\_\_\_\_ (\$ \_\_\_\_\_)

\_\_\_\_\_  
(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

**MOUNT VIEW HIGH RESTROOM RENOVATIONS**

**TOTAL BASE BID:** *Provide all labor, materials, equipment, fees, bonds, insurance and taxes to perform the work as detailed in the plans and specifications and addenda.*

\_\_\_\_\_ (\$ \_\_\_\_\_)

\_\_\_\_\_  
(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

**TOTAL BASE BID: FALL RIVER WINDOWS AND DOORS + MOUNT VIEW HIGH SCHOOL  
RESTROOM RENOVATIONS**

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

\_\_\_\_\_  
(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

**ALTERNATE BID ITEMS: FALL RIVER ELEMENTARY WINDOW AND DOOR REPLACEMENT**

**Additive Alternate No. 4:** Fall River - Remove and Replace Frame and Doors 101 and 112.

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**Additive Alternate No. 5:** Fall River - Remove and Replace Frame and Doors 102, 103 and 110.

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**ALTERNATE BID ITEMS MOUNT VIEW HIGH RESTROOM RENOVATIONS:**

**Additive Alternate Bid Item #1** – Mount View Work in Restrooms 0401 and 0402 with FRP Paneling.

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**Additive Alternate Bid Item #1a** – Mount View – Provide 3x6 wall tile 7'-0" A.F.F. in restrooms 0401 and 0402 in lieu of FRP Paneling

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**Additive Alternate Bid Item #2** – Mount View Work in Restrooms 0211 and 0212 with FRP Paneling

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**Additive Alternate Bid Item #2a** - Mount View – Provide 3x6 wall tile 7'-0" A.F.F. in Restrooms 0211 and 0212 in lieu of FRP Paneling

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**Additive Alternate Bid Item #3** – Mount View Work Restroom 0214 with FRP Paneling

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**Additive Alternate Bid Item #3a** - Mount View – Provide 3x6 wall tile 7'-0" A.F.F. in Restroom 0214 in lieu of FRP Paneling.

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**Additive Alternate No. 6:** Mount View – Provide 3x6 wall tile 7'-0" A.F.F. in Restrooms 0207 and 0208 in lieu FRP Paneling.

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**Additive Alternate No. 7:** Mount View – Provide 3x6 wall tile 7'-0" A.F.F. in Restrooms 0101, 0102, 0201 and 0202 in lieu of FRP Paneling.

Add the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_)

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**UNIT PRICES**

NOTE: Bid UNIT PRICE amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern. Bids shall include sales tax and all other applicable taxes and fees.

ITEM #	QTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT PRICE WRITTEN IN WORDS	TOTAL PRICE
1	1	LF	Pipe Replacement			
2	1	EA	Wall clean out			
3	1	EA	Floor clean out			
4	1	EA	Trap primer			
5	1	EA	Isolation valve			

6	1	EA	Main water valve			
7	1	EA	12 X 12 access panel			

### METHOD OF AWARD

If at the time this contract is to be awarded, the lowest total bid submitted by a qualified responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. Awarding of Additive Alternate(s) will not affect the lowest Bidder. If such bids exceed such amount, the Owner may reject all bids.

The Owner will award the contract on the total base bid amount inclusive or exclusive of alternates as determined by the Owner and submitted by a qualified responsible Bidder. The Owner may elect to award any or all of the additive alternates in no particular order.

SUBMITTED this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

By \_\_\_\_\_ (SEAL)  
(Company Name)

Doing business as \_\_\_\_\_

Business address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone No. \_\_\_\_\_

WV Contractor's License No. \_\_\_\_\_

Authorized Signature \_\_\_\_\_

## SECTION 012100 - ALLOWANCES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Types of allowances include the following:
  - 1. Lump sum allowances.
- C. Related Requirements:
  - 1. Section 012200 "Unit Prices"

#### 1.2 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection, or purchase and delivery, of each product or system described by an allowance must be completed by the Owner to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

#### 1.3 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances in the form specified for Change Orders.

#### 1.4 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.5 UNIT-COST ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.

1.6 QUANTITY ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.

1.7 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.
  - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
  - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
  - 3. Submit substantiation of a change in scope of Work, if any, claimed in Change Orders related to unit-cost allowances.
  - 4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
- B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
  - 1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of Work has changed from what could have been foreseen from information in the Contract Documents.
  - 2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. Allowance No. 1: Quantity Allowance: Include 20 linear feet of replacement piping.
  - 1. Coordinate quantity allowance adjustment with corresponding unit-price requirement in Section 012200 "Unit Prices."
- B. Allowance No. 2: Quantity Allowance: Include 1 wall clean out and 1 floor clean out per restroom.
  - 1. Coordinate quantity allowance adjustment with corresponding unit-price requirement in Section 012200 "Unit Prices."
- C. Allowance No. 3: Quantity Allowance: Include 1 trap primer per existing floor drain.
  - 1. Coordinate quantity allowance adjustment with corresponding unit-price requirement in Section 012200 "Unit Prices."
- D. Allowance No. 4: Quantity Allowance: Include replacement of 3 isolation valves.
  - 1. Coordinate quantity allowance adjustment with corresponding unit-price requirement in Section 012200 "Unit Prices."
- E. Allowance No. 4: Quantity Allowance: Include replacement of 3 main water valves.
  - 1. Coordinate quantity allowance adjustment with corresponding unit-price requirement in Section 012200 "Unit Prices."
- F. Allowance No. 5: Quantity Allowance: Include (3) 12 x 12 access panels per restroom.
  - 1. Coordinate quantity allowance adjustment with corresponding unit-price requirement in Section 012200 "Unit Prices."

END OF SECTION 012100



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## SECTION 012200 - UNIT PRICES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.

#### 1.2 DEFINITIONS

- A. Unit price is an amount incorporated into the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

#### 1.3 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Measurement and Payment: See individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

### PART 2 - PRODUCTS (Not Used)

### PART 3 - EXECUTION

#### 3.1 SCHEDULE OF UNIT PRICES

- A. Unit Price No. 1: Pipe Replacement
  - 1. Unit of Measurement: Linear foot.
- B. Unit Price No. 2: Wall clean out
  - 1. Unit of Measurement: Each Unit Price.

- C. Unit Price No. 3: Floor clean out
  - 1. Unit of Measurement: Each Unit Price.
- D. Unit Price No. 4: Trap primer
  - 1. Unit of Measurement: Each Unit Price.
- E. Unit Price No. 5: Isolation valve
  - 1. Unit of Measurement: Each Unit Price.
- F. Unit Price No. 6: Main water valve
  - 1. Unit of Measurement: Each Unit Price.
- G. Unit Price No. 7: 12 x 12 access panel
  - 1. Unit of Measurement: Each Unit Price.

END OF SECTION 012200

# EXISTING ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FINISH	BASE	WALL FINISH				CEILING HEIGHT	CEILING FINISH
				NORTH	EAST	SOUTH	WEST		
0101	RESTROOM	TILE	RUBBER	FRP	FRP	FRP	FRP	8'-0"	GYP
0102	RESTROOM	TILE	TILE	FRP	FRP	FRP	FRP	8'-0"	GYP
0201	RESTROOM	TILE	RUBBER	FRP	FRP	FRP	FRP	8'-0"	GYP
0202	RESTROOM	TILE	TILE	FRP	FRP	FRP	FRP	8'-0"	GYP
0205	RESTROOM	TILE	NONE	FRP	FRP	FRP	FRP	8'-0"	GYP
0206	RESTROOM	TILE	TILE	FRP	FRP	FRP	FRP	8'-0"	GYP
0207	RESTROOM	TILE	TILE	GYP	GYP	GYP	GYP	8'-0"	GYP
0208	RESTROOM	TILE	TILE	GYP	GYP	GYP	GYP	8'-0"	GYP
0209	RESTROOM	TILE	RUBBER	CMU	CMU	CMU	FRP	8'-0"	GYP
0210	RESTROOM	TILE	RUBBER	CMU	CMU	CMU	CMU	8'-0"	GYP
0211	RESTROOM	TILE	NONE	CMU	CMU	CMU	CMU	8'-0"	GYP
0212	RESTROOM	TILE	NONE	CMU	CMU	CMU	CMU	8'-0"	GYP
0214	RESTROOM	VCT	RUBBER	CMU	GYP	GYP	GYP	8'-0"	GYP
0301	RESTROOM	TILE	RUBBER	FRP	FRP	FRP	FRP	8'-0"	GYP
0302	RESTROOM	TILE	TILE	FRP	FRP	FRP	FRP	8'-0"	GYP
0401	RESTROOM	TILE	RUBBER	FRP	FRP	FRP	FRP	8'-0"	GYP
0402	RESTROOM	TILE	TILE	FRP	FRP	FRP	FRP	8'-0"	GYP

EXISTING ROOM FINISH SCHEDULE FOR REFERENCE ONLY

# NEW ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FINISH	BASE	WALL FINISH				CEILING HEIGHT	CEILING FINISH	REMARKS
				NORTH	EAST	SOUTH	WEST			
0101	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	BASE BID
0102	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	BASE BID
0201	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	BASE BID
0202	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	BASE BID
0205	RESTROOM	EPOXY	EPOXY	TILE/PT	TILE/PT	TILE/PT	TILE/PT	8'-0"	GYP	BASE BID
0206	RESTROOM	EPOXY	EPOXY	TILE/PT	TILE/PT	TILE/PT	TILE/PT	8'-0"	GYP	BASE BID
0207	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	BASE BID
0208	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	BASE BID
0209	RESTROOM	EPOXY	EPOXY	TILE/PT	TILE/PT	TILE/PT	TILE/PT	8'-0"	GYP	BASE BID
0210	RESTROOM	EPOXY	EPOXY	TILE/PT	TILE/PT	TILE/PT	TILE/PT	8'-0"	GYP	BASE BID
0211	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	ALTERNATE #2
0212	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	ALTERNATE #2
0214	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	ALTERNATE #3
0301	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	BASE BID
0302	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	BASE BID
0401	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	ALTERNATE #1
0402	RESTROOM	EPOXY	EPOXY	FRP	FRP	FRP	FRP	8'-0"	GYP	ALTERNATE #1

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THE THRASHER GROUP INC.

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PHONE: (304)624-4108 FAX: (304)624-7831

ROOM FINISHED SCHEDULE  
MOUNT VIEW HIGH SCHOOL RESTROOM  
RENOVATIONS

DRAWN: SAF,ALB CHECKED: AJC APPROVED: AJC ISSUED DATE: 12/01/21

ADDENDUM REFERENCE NUMBER

3  
A7.01 R1

5/8" GYP. WALL BOARD  
ON 3 5/8" MTL. STUD  
@ 16" O.C. ATTACH TO  
STRUCT. ABOVE

EXISTING CEILING

5/8" GYP. WALL BOARD

1

## TYPICAL BULK HEAD DETAIL

A7.02 R1

1 1/2" = 1'-0"

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DETAILS  
MOUNT VIEW HIGH SCHOOL RESTROOM  
RENOVATIONS

DRAWN:	CHECKED:	APPROVED:	ISSUED DATE:
SAF,ALB	AJC	AJC	12/01/21

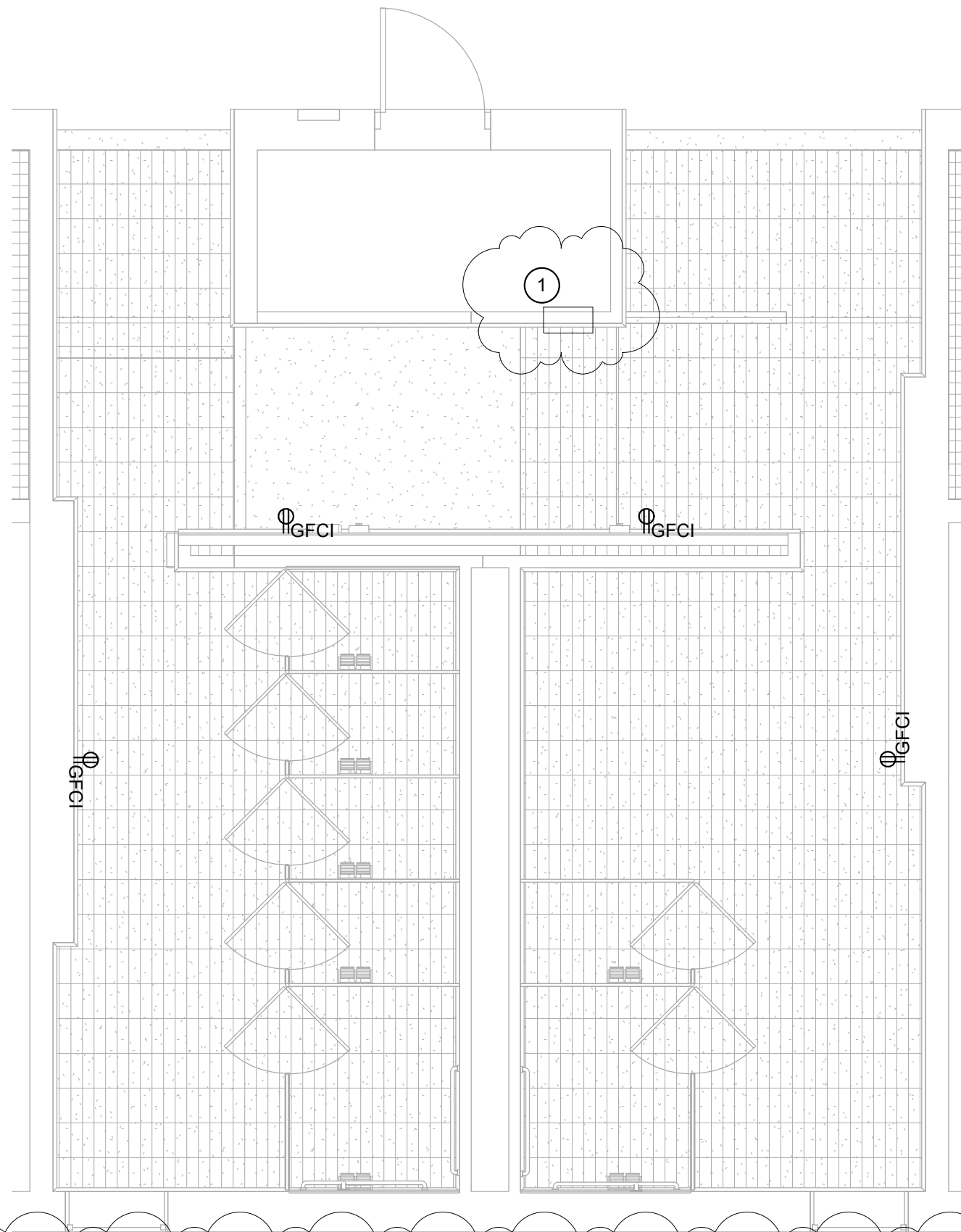
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3  
A7.02 R1

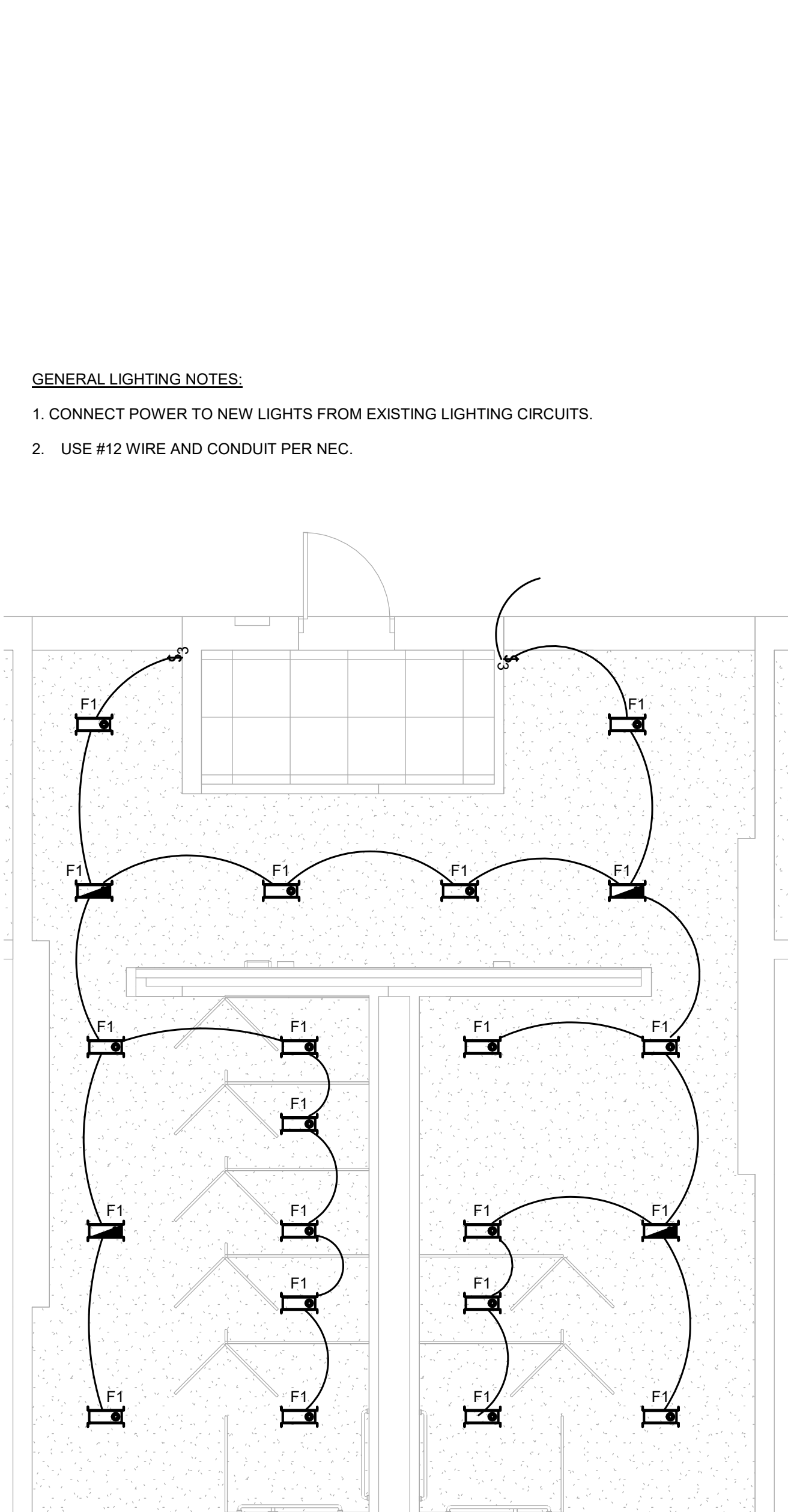
POWER PLAN KEYNOTES	
NOTE #	DESCRIPTION
1	RESTROOMS 101, 102, 201, 202, 301, & 302 PROVIDE 120V TO SMOKE DAMPER MOTOR FROM NEAREST AVAILABLE 120V SOURCE. RESTROOMS 401 & 402 PROVIDE 120V FOR 3 SMOKE DAMPER MOTORS FROM NEAREST 120V SOURCE. EACH CIRCUIT USED SHALL BE LABELED AS SMOKE DAMPER IN THE PANEL.

GENERAL POWER NOTES:

- USE EXISTING CIRCUITS.
- USE EXISTING WIRING.
- PLACE NEW 120V, 20A GFCI RECEPTACLES.



1  
E2.01R1  
ENLARGED POWER PLAN - RESTROOMS 101, 102, 201, 202, 301, 302, (401 & 402 ALTERNATE #1)  
1/4" = 1'-0"

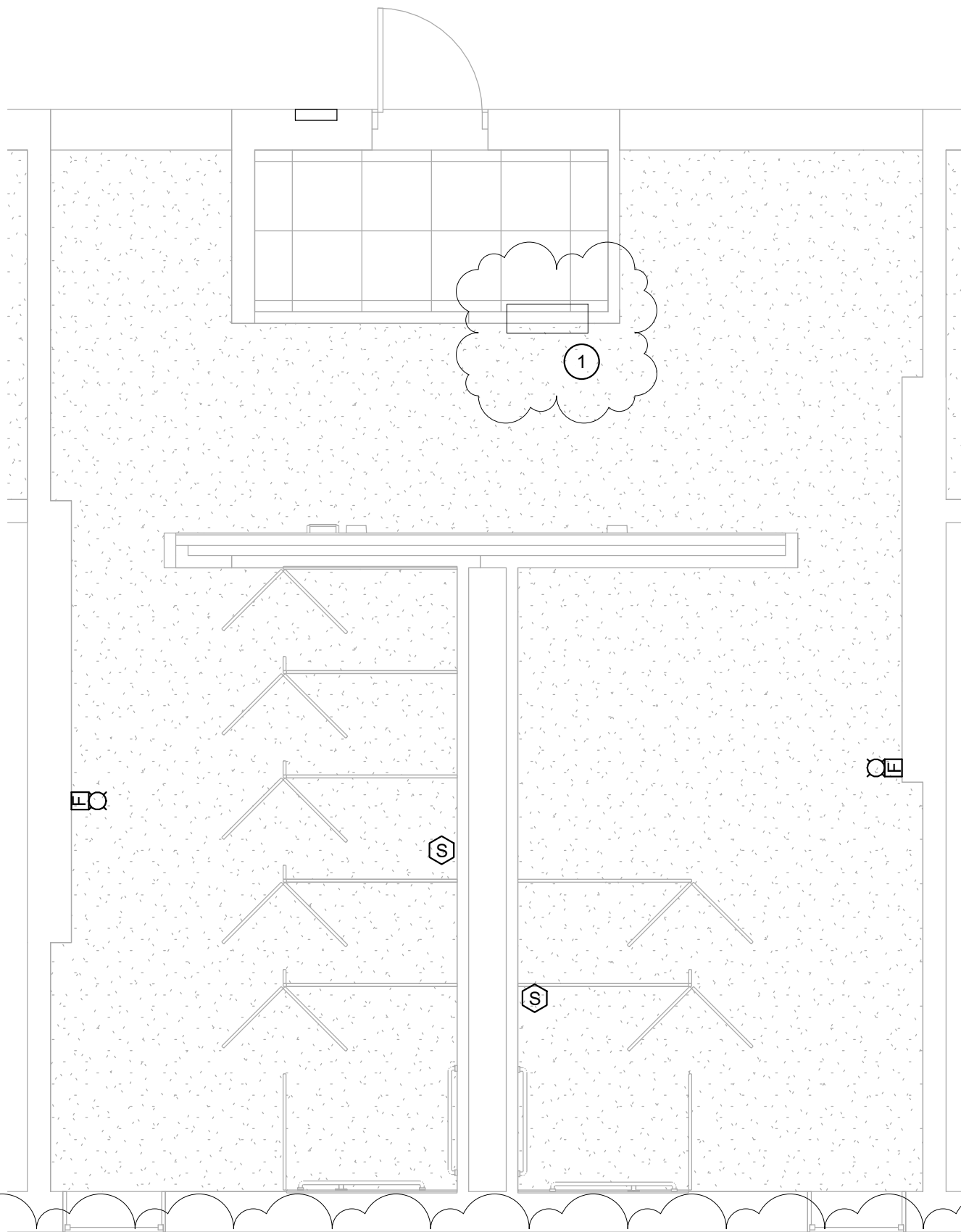


2  
E2.01R1  
ENLARGED LIGHTING PLAN - RESTROOMS 101, 102, 201, 202, 301, 302, (401 & 402 ALTERNATE #1)  
1/4" = 1'-0"

SYSTEMS PLAN KEYNOTES	
NOTE #	DESCRIPTION
1	DUCT MOUNTED SMOKE DETECTOR IN EACH DUCT SHALL ACTIVATE DAMPER MOTOR.

GENERAL SYSTEMS NOTES:

- CONNECT NEW HORN/STROBE TO EXISTING FIRE ALARM SYSTEM.
- REPLACE SMOKE DETECTOR WITH A SAME TYPE AS EXISTING. CONNECT TO EXISTING SYSTEM AS REQUIRED.



3  
E2.01R1  
ENLARGED SYSTEMS PLAN - RESTROOMS 101, 102, 201, 202, 301, 302, (401 & 402 ALTERNATE #1)  
1/4" = 1'-0"



NO.	BY	DATE	DESCRIPTION
1		12/01/21	ALTERNATES CLARIFIED, FIRE SMOKE DAMPERS, EXHAUST GRILLE

MOUNT VIEW HIGH SCHOOL  
RESTROOM RENOVATIONS  
MOUNT VIEW HIGH SCHOOL  
WELCH, WV  
Issue Date  
Project Status

DRAWN: AGC DATE: 09/22/14  
CHECKED: TTG DATE: 09/22/14  
APPROVED: Approver DATE: 09/22/14  
PROJECT No. 060-10246

ENLARGED ELECTRICAL  
PLANS - RESTROOMS  
101, 102, 201, 202, 301,  
SHEET No. 302, 401 & 402

E2.01R1

LAYOUT TAB ENLARGED ELECTRICAL PLANS - RESTROOMS 211, 212 & 214  
CAD FILE: C:\Users\agc\Documents\Mount View High Renovations\MEP\Project\8888.rvt  
PLOT DATE/TIME: 12/10/21 5:18:18 PM  
USER: AGC

GENERAL POWER NOTES:

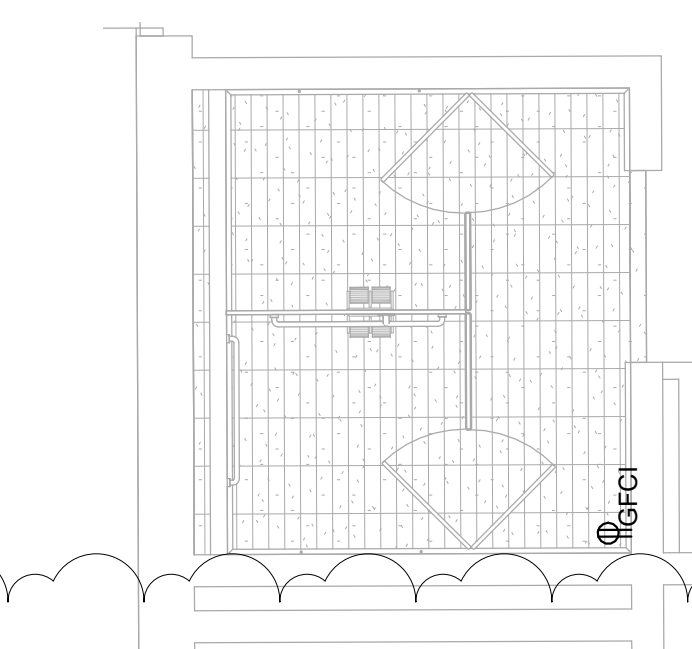
1. USE EXISTING CIRCUITS.
2. USE EXISTING WIRING.
3. PLACE NEW 120V, 20A GFCI RECEPTACLES.

GENERAL LIGHTING NOTES:

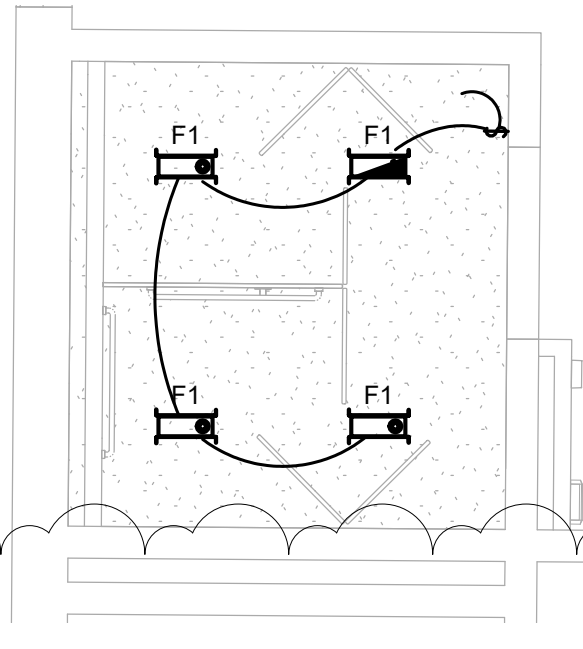
1. CONNECT POWER TO NEW LIGHTS FROM EXISTING LIGHTING CIRCUITS.
2. USE #12 WIRE AND CONDUIT PER NEC.

GENERAL SYSTEMS NOTES:

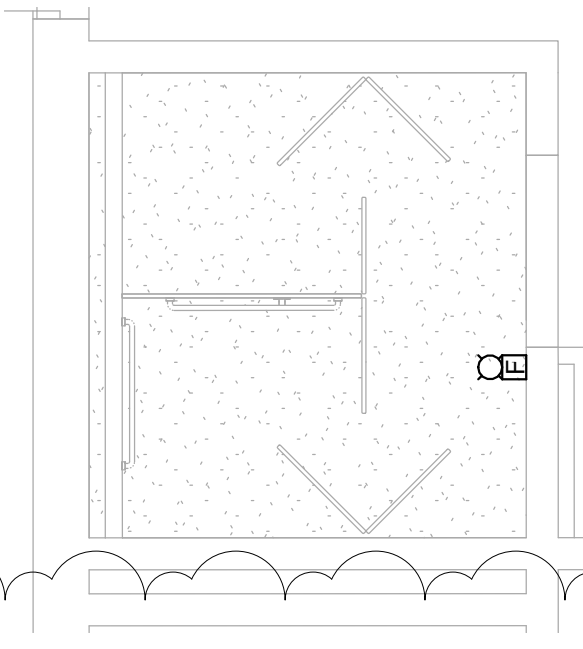
1. CONNECT NEW HORN/STROBE TO EXISTING FIRE ALARM SYSTEM.
2. REPLACE SMOKE DETECTOR WITH A SAME TYPE AS EXISTING.  
CONNECT TO EXISTING SYSTEM AS REQUIRED.



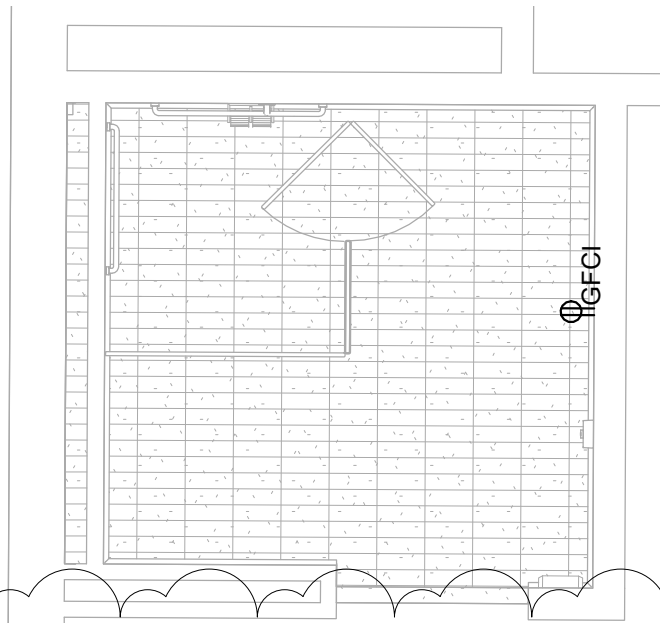
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E2.04R1 1/4" = 1'-0"



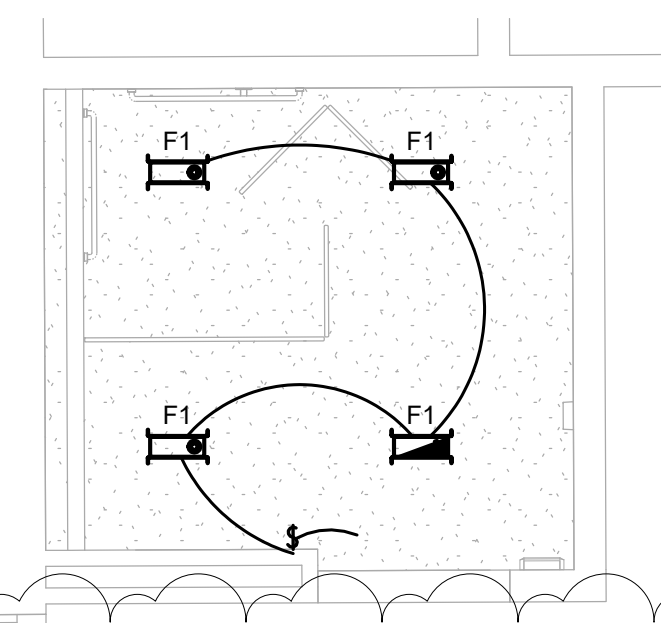
4 ENLARGED LIGHTING PLAN - RESTROOM 211 (ALTERNATE #2)  
E2.04R1 1/4" = 1'-0"



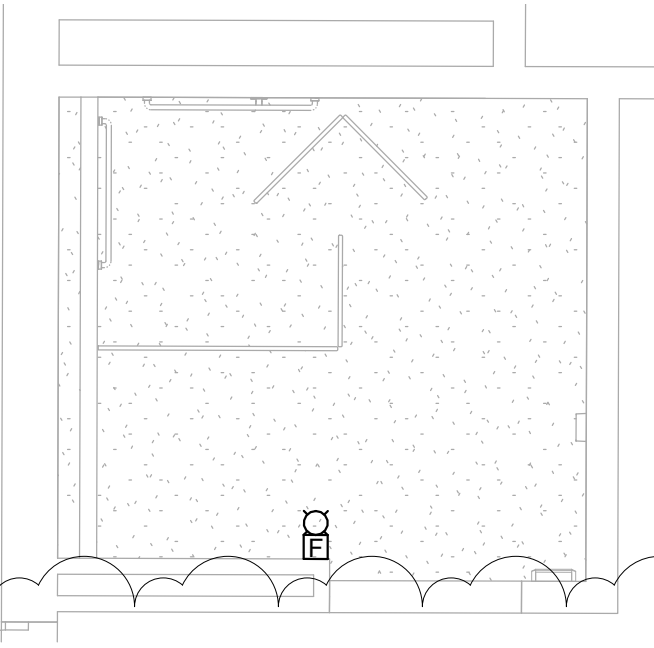
7 ENLARGED SYSTEMS PLAN - RESTROOM 211 (ALTERNATE #2)  
E2.04R1 1/4" = 1'-0"



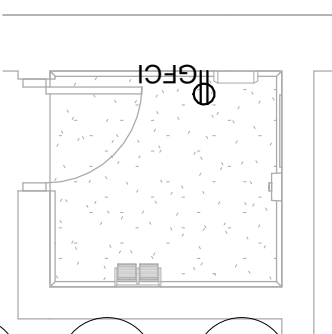
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E2.04R1 1/4" = 1'-0"



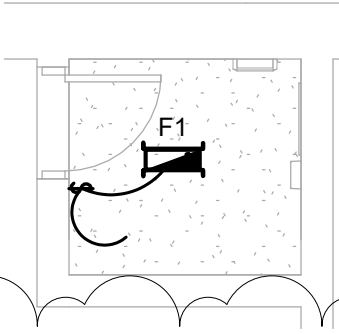
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E2.04R1 1/4" = 1'-0"



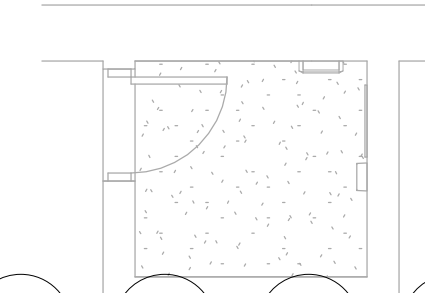
8 ENLARGED SYSTEMS PLAN - RESTROOM 212 (ALTERNATE #2)  
E2.04R1 1/4" = 1'-0"



3 ENLARGED POWER PLAN - RESTROOM 214 (ALTERNATE #3)  
E2.04R1 1/4" = 1'-0"



6 ENLARGED LIGHTING PLAN - RESTROOM 214 (ALTERNATE #3)  
E2.04R1 1/4" = 1'-0"



9 ENLARGED SYSTEMS PLAN - RESTROOM 214 (ALTERNATE #3)  
E2.04R1 1/4" = 1'-0"

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12/10/21	ALTERNATES CLARIFIED, FIRE SMOKE DAMPERS, EXHAUST GRILLE	NO.	BY	DATE	DESCRIPTION
1					

MOUNT VIEW HIGH SCHOOL  
RESTROOM RENOVATIONS

MOUNT VIEW HIGH SCHOOL  
WELCH, WV  
Issue Date

Project Status

DRAWN: AGC DATE: 09/10/21  
CHECKED: TTG DATE: 09/10/21  
APPROVED: Approver DATE: 09/10/21

PROJECT No.

060-10246

ENLARGED ELECTRICAL  
PLANS - RESTROOMS  
211, 212 & 214  
SHEET No.

E2.04R1

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1. REMOVE EXISTING OUTLETS TO BE REPLACED.
2. EXISTING ELECTRICAL BOXES AND WIRES ARE TO BE REMOVED TO NEAREST JUNCTION BOX OR TO CEILING.



1 102, 20'  
ED2.01R1 1/4" = 1'-0"

1. REMOVE EXISTING LIGHT FIXTURES AND SWITCHES.
2. LIGHTING POWER FEED CIRCUITS ARE TO REMAIN AND BE REUSED TO FEED POWER TO NEW LIGHTING FIXTURES.



2 102, 20'  
ED2.01R1 1/4" = 1'-0'

1. REMOVE EXISTING SMOKE DETECTORS, HORN AND STROBES.
2. EXISTING WIRING AND CONDUIT SHALL BE REUSED WHERE POSSIBLE.

3 102, 20  
ED2.01R1 1/4" = 1'-0"

1	12/01/21	ALTERNATES CLARIFIED FIRE SMOKE DAMPERS EXHAUST GRILLE
---	----------	--

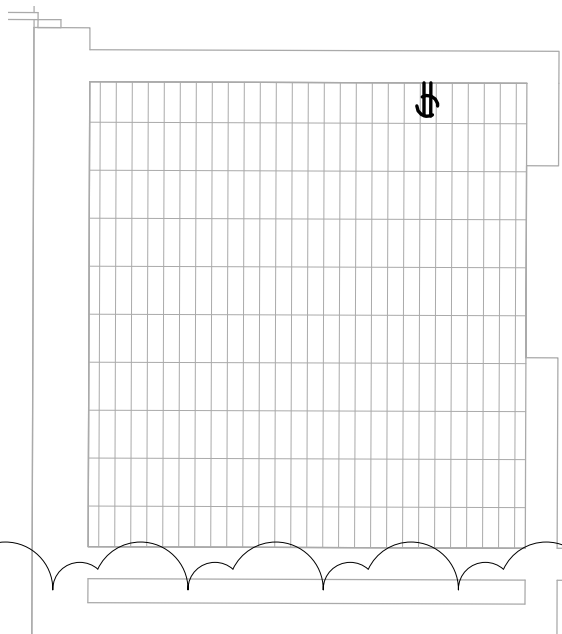
**MOUNT VIEW HIGH SCHOOL**  
**RESTROOM RENOVATIONS**  
MOUNT VIEW HIGH SCHOOL  
WELCH, WV  
Issue Date  
Project Status

PROJECT No.

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1. REMOVE EXISTING OUTLETS TO BE REPLACED.
2. EXISTING ELECTRICAL BOXES AND WIRES ARE TO BE REMOVED TO NEAREST JUNCTION BOX OR TO CEILING.

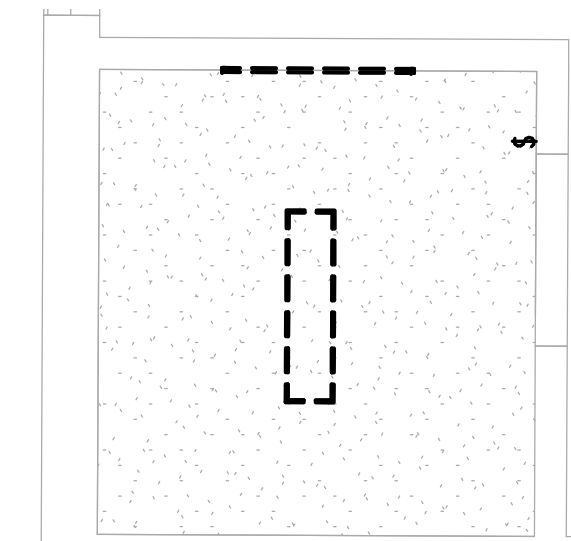


ENLARGED POWER DEMOLITION PLAN - RESTROOM 211  
(ALTERNATE #2)

1  
EQ2.04R1 1/4" = 1'-0"

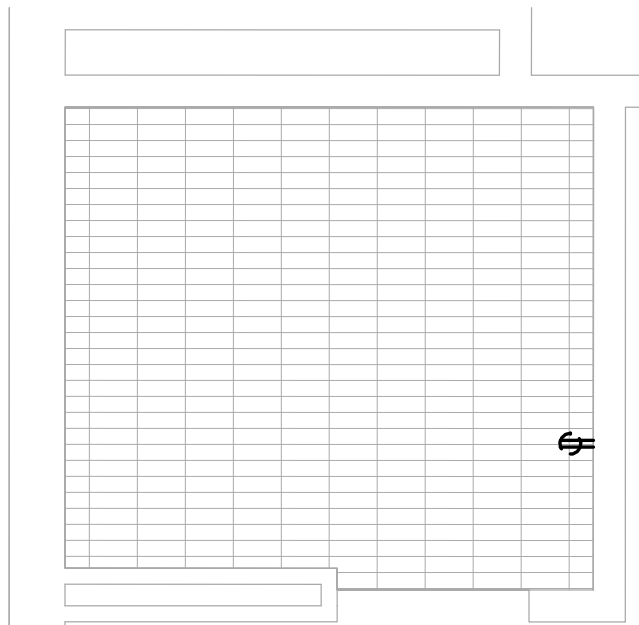


1. REMOVE EXISTING LIGHT FIXTURES AND SWITCHES.
2. LIGHTING POWER FEED CIRCUITS ARE TO REMAIN AND BE REUSED TO FEED POWER TO NEW LIGHTING FIXTURES.

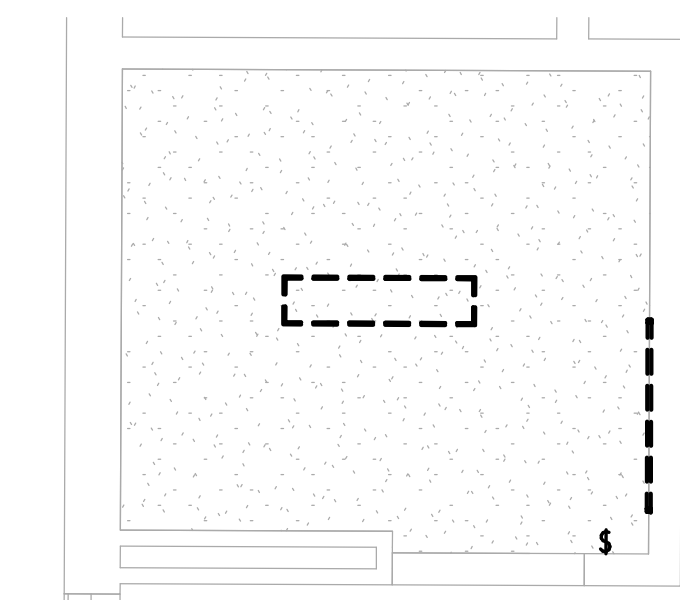


ENLARGED LIGHTING DEMOLITION PLAN - RESTROOM 211  
(ALTERNATE #2)

ENLARGED SYSTEMS DEMOLITION PLAN - RESTROOM 211  
(ALTERNATE #2)

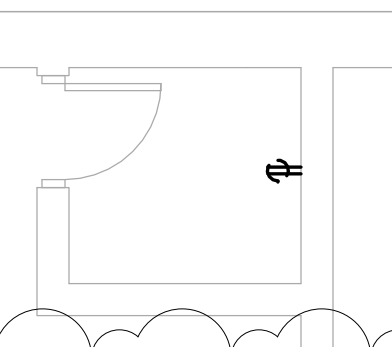


ENLARGED POWER DEMOLITION PLAN - RESTROOM 212  
(ALTERNATE #2)

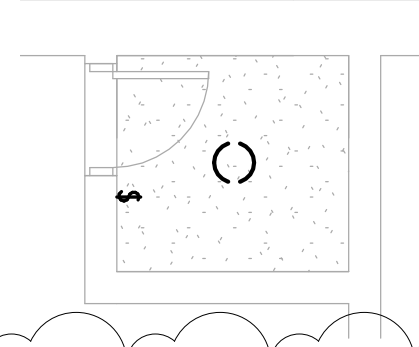


5  
ED2.04R1 1/4" = 1'-0"

ENLARGED SYSTEMS DEMOLITION PLAN - RESTROOM 212  
(ALTERNATE #2)



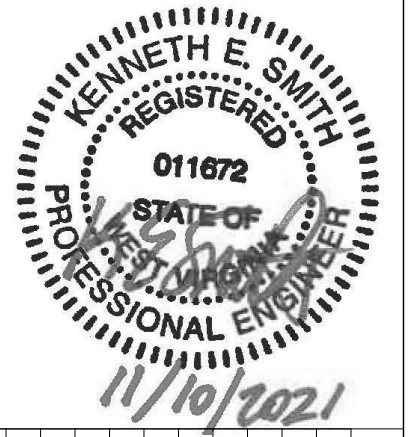
ENLARGED POWER DEMOLITION PLAN - RESTROOM 214  
(ALTERNATE #3)



ENLARGED LIGHTING DEMOLITION PLAN - RESTROOM 214  
(ALTERNATE #3)

ENLARGED SYSTEMS DEMOLITION PLAN - RESTROOM 214  
(ALTERNATE #3)

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[illegible]

**MOUNT VIEW HIGH SCHOOL  
RESTROOM RENOVATIONS**  
MOUNT VIEW HIGH SCHOOL  
WELCH, WV  
Issue Date  
Project Status

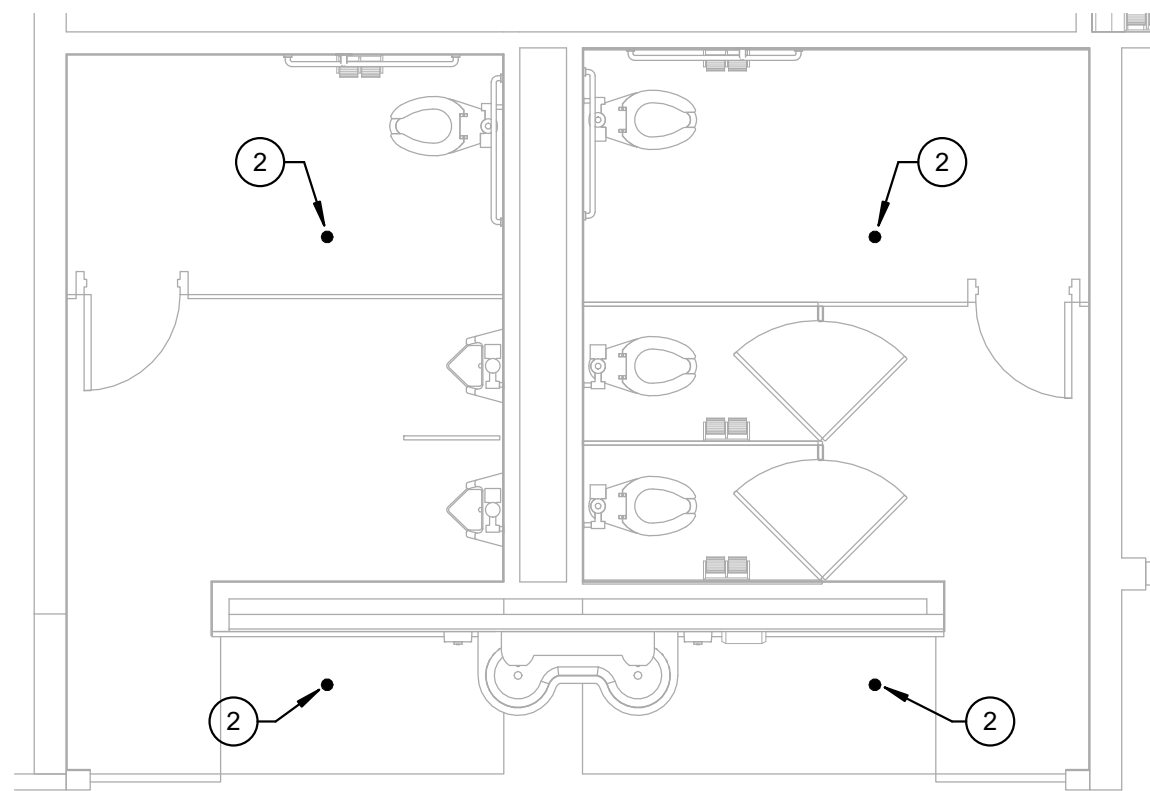
DRAWN: Author      DATE: 09/10/21  
CHECKED: Checker      DATE: 09/10/21  
APPROVED: Approver      DATE: 09/10/21

PROJECT No. \_\_\_\_\_  
060-10246

ENLARGED ELECTRICAL  
DEMOLITION PLANS -  
RESTROOMS 211, 212,  
SHEET No. 214

ED2.04R1

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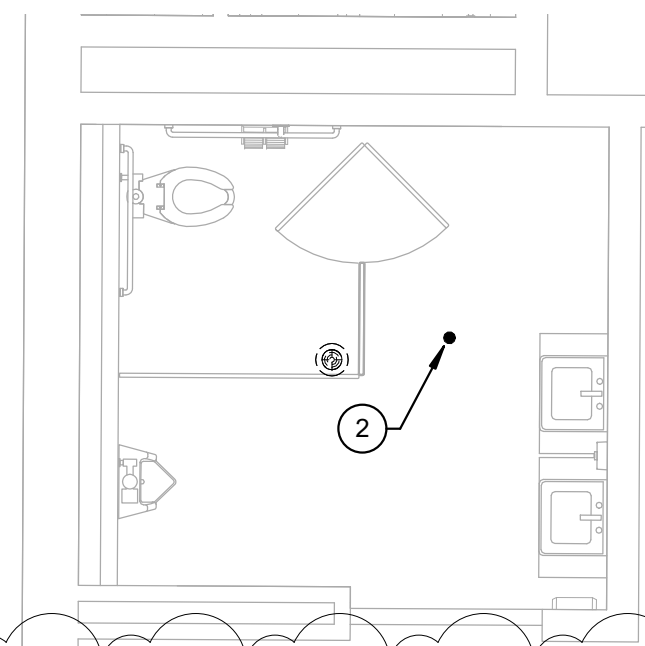
Technical drawing of a house cross-section showing the roof structure and internal layout. The roof is a gable roof. The interior shows a living area with a fireplace, a kitchen area with a sink and stove, and a bathroom with a toilet and bathtub. A callout '2' points to the roof structure.

This technical drawing shows the floor plan of a mobile home. On the left, there are two toilet compartments, each containing a toilet. A callout labeled '2' points to the toilet in the lower compartment. To the right of the toilets is a large shower area with a curved glass partition. A callout labeled '1' points to the shower area. On the far right, there is a kitchen area with a sink and a stove. A callout labeled '2' points to the kitchen area.

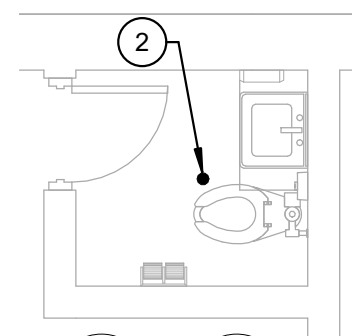
1. ROUTE PIPING FROM EXISTING SPRINKLER HEADS THAT WERE REMOVED TO NEW SPRINKLER HEAD LOCATION AND CONNECT.
2. PROVIDE AND INSTALL NEW SPRINKLER HEAD AND CONNECT TO EXISTING PIPING. COORDINATE WITH ALL OTHER TRADES BEFORE STARTING CONSTRUCTION.
3. PROVIDE AND INSTALL NEW SPRINKLER HEAD AT THIS LOCATION. ROUTE NEW 1" SPRINKLER PIPE FROM NEW SPRINKLER HEAD TO EXISTING SPRINKLER MAIN AND CONNECT. COORDINATE WITH ALL OTHER TRADES BEFORE STARTING CONSTRUCTION.
4. CONNECT NEW SPRINKLER LINE TO EXISTING SPRINKLER LINE AT THIS LOCATION. MATCH EXISTING SPRINKLER LINE SIZE.
5. CAP EXISTING SPRINKLER LINE AT THIS LOCATION.
6. NEW SPRINKLER PIPE.

A floor plan diagram of a bathroom stall. The stall contains a toilet on the left, a sink with a mirror above it on the right, and a door at the top. A callout line with a circle containing the number '2' points to a lock icon on the door.

FP2.01R1 1/4" = 1'-0"

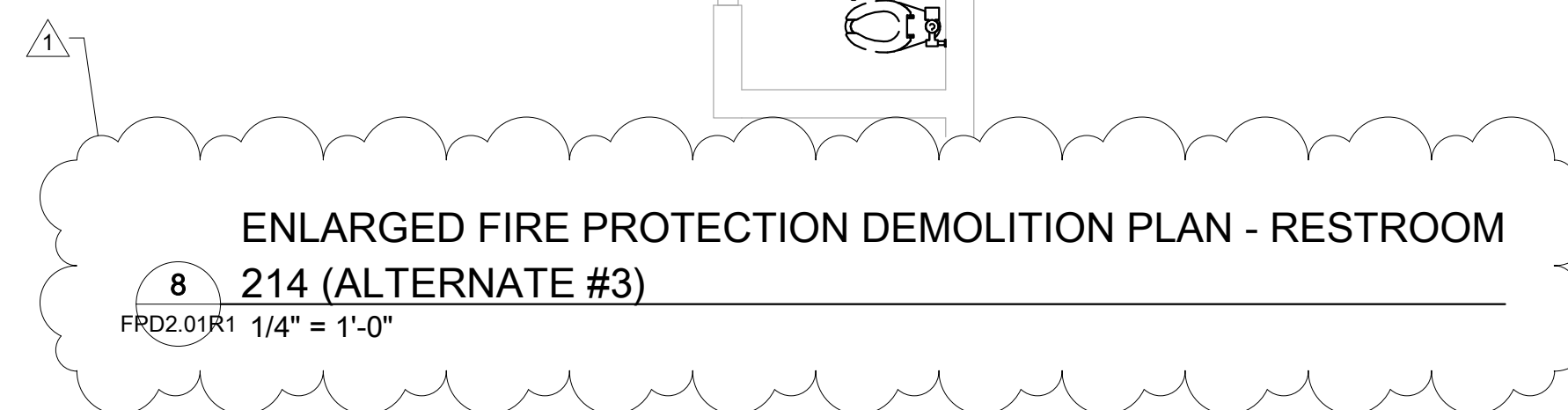
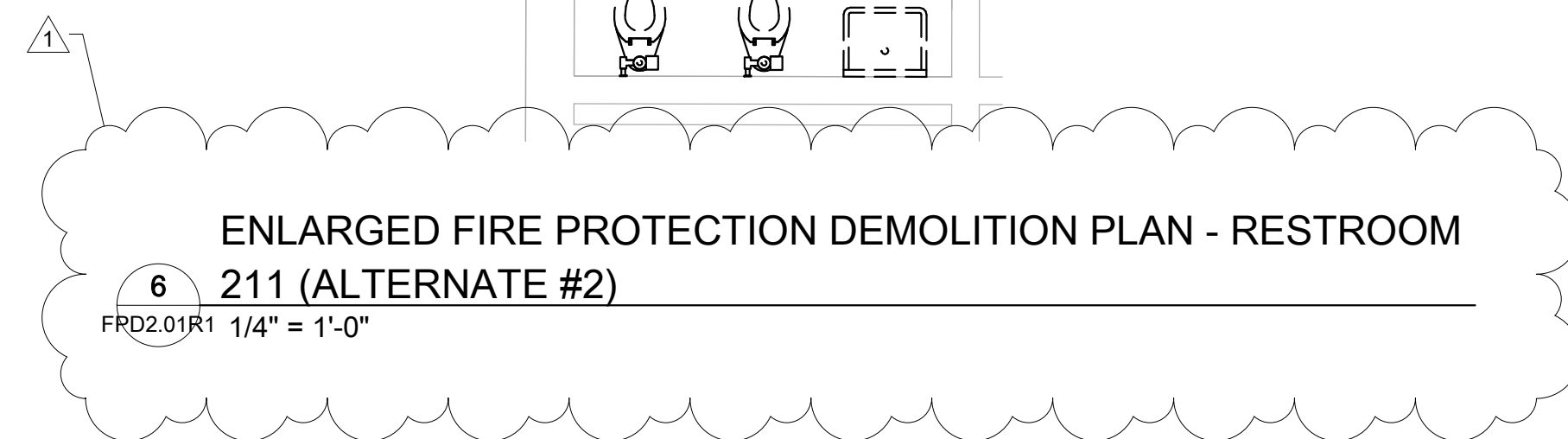
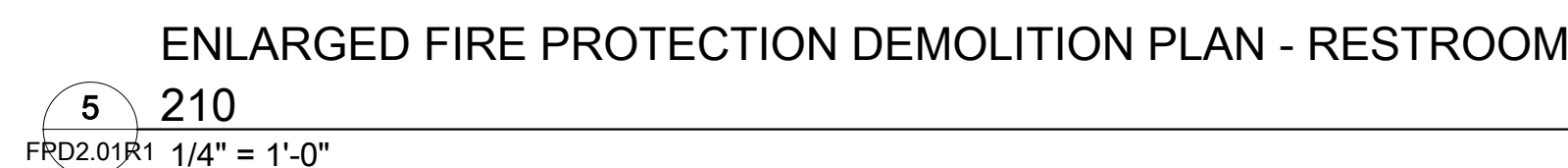
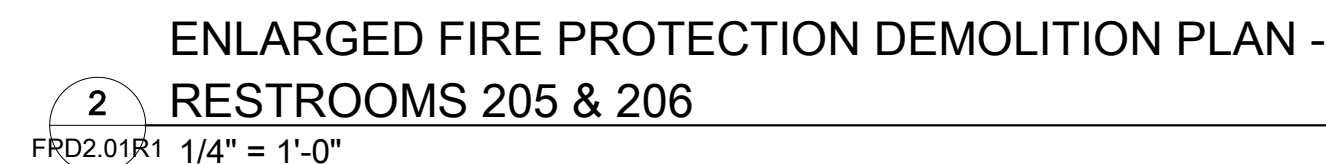
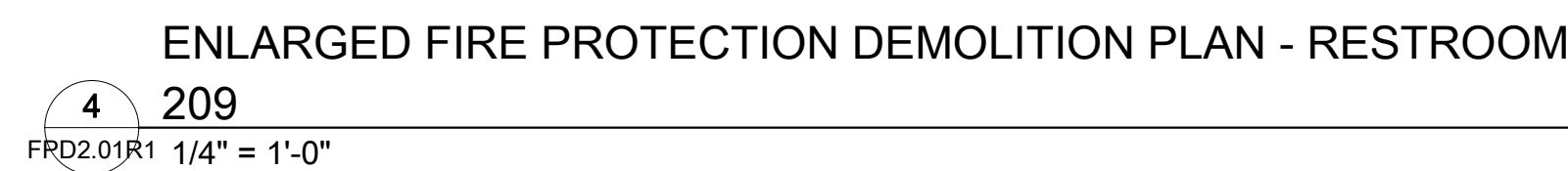
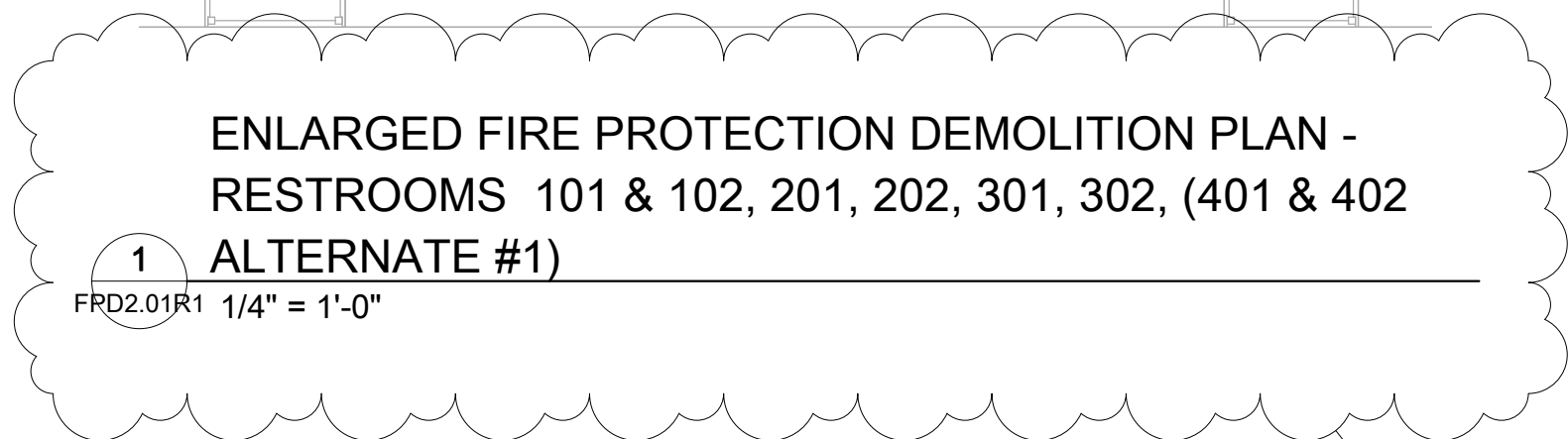


FP2.01R1 1/4" = 1'-0"



FP2.01R1 1/4" = 1'-0"

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NOTE: NOT ALL KEY NOTES APPLY

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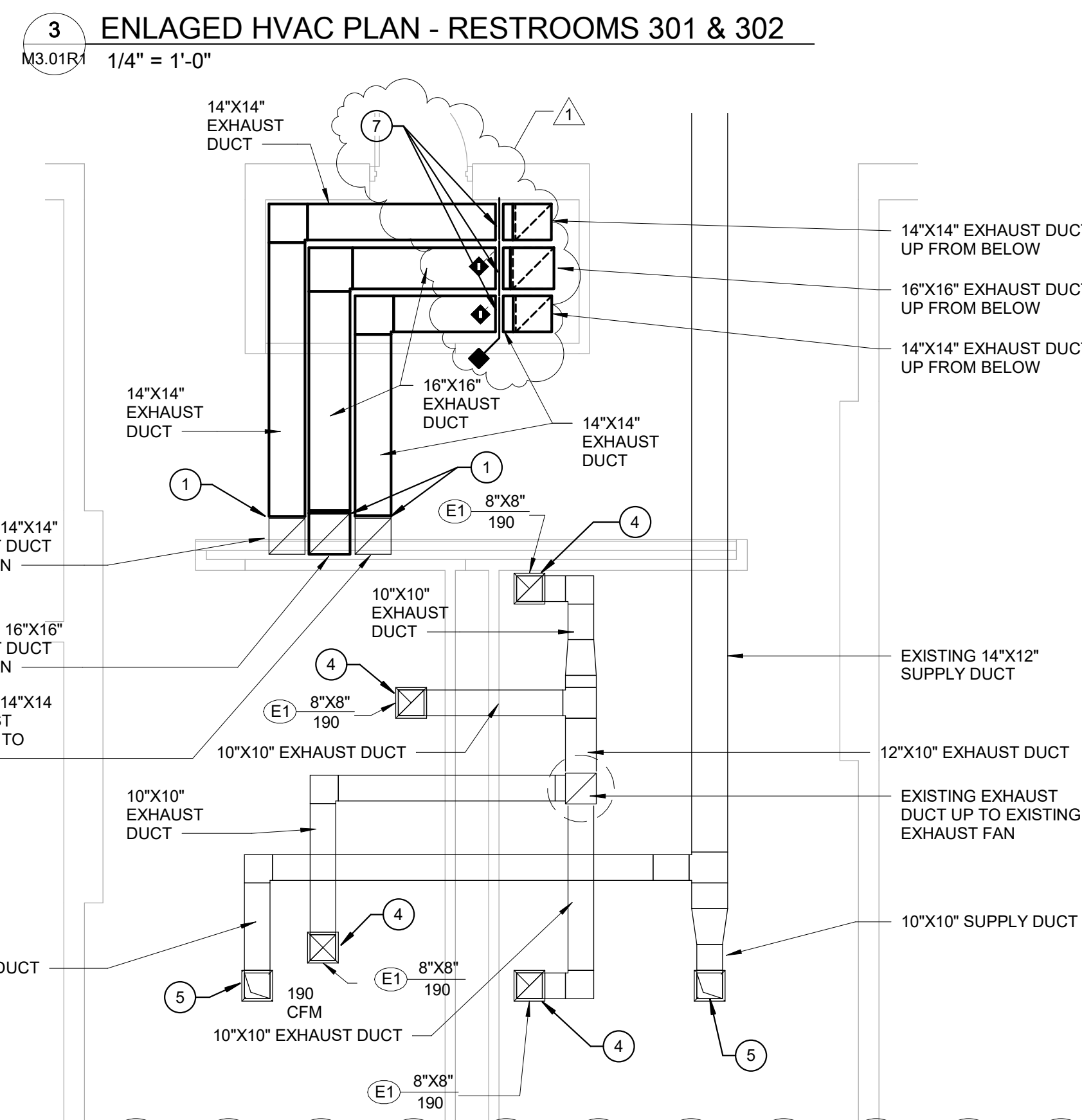
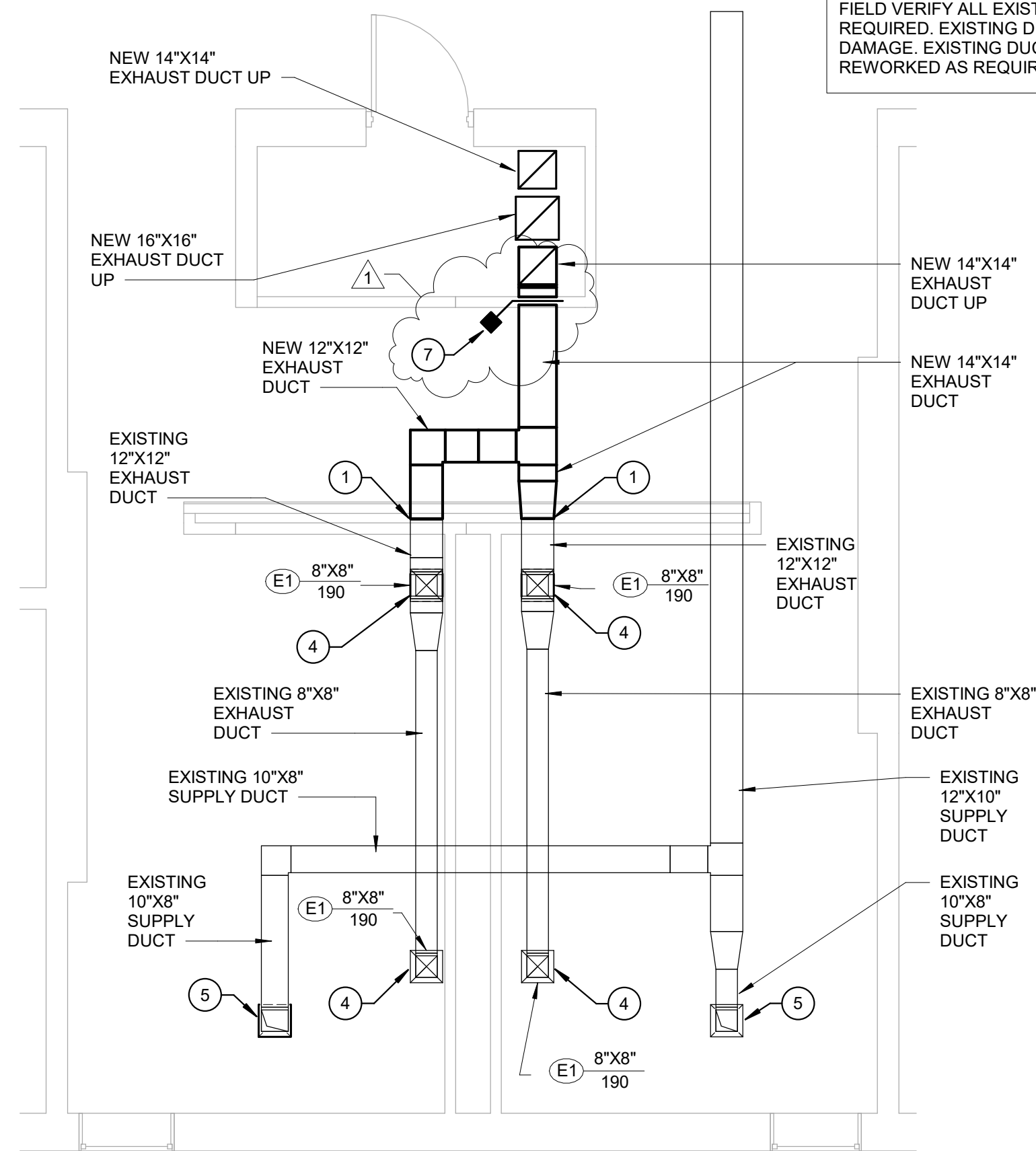
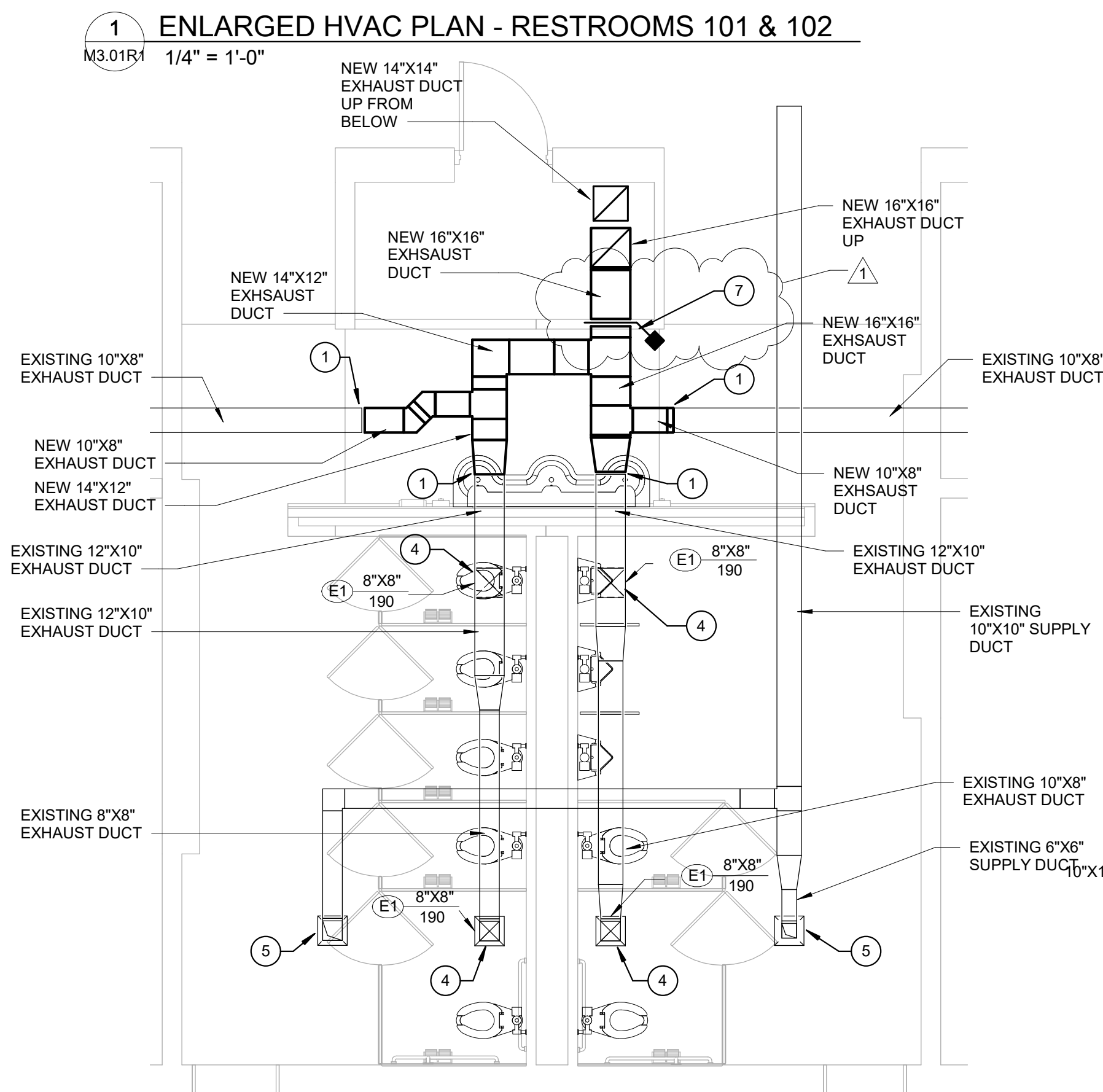
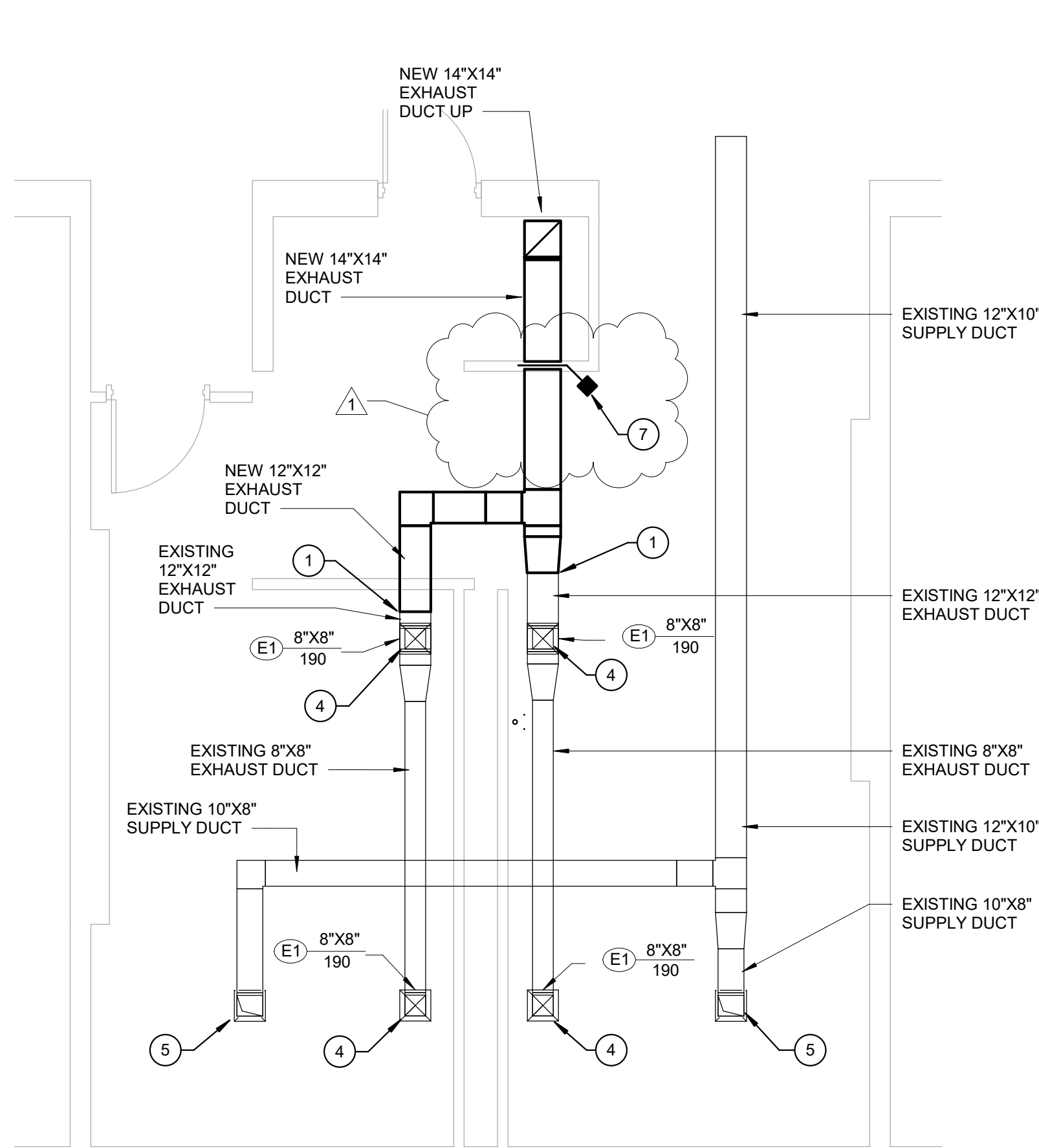
1	12/01/21	ALTERNATES CLARIFIED, FIRE SMOKE DAMPERS, EXHAUST GRILLE
NQ.	BY	DATE
		DESCRIPTION

Project Status

060-10246

FPD2.01R1

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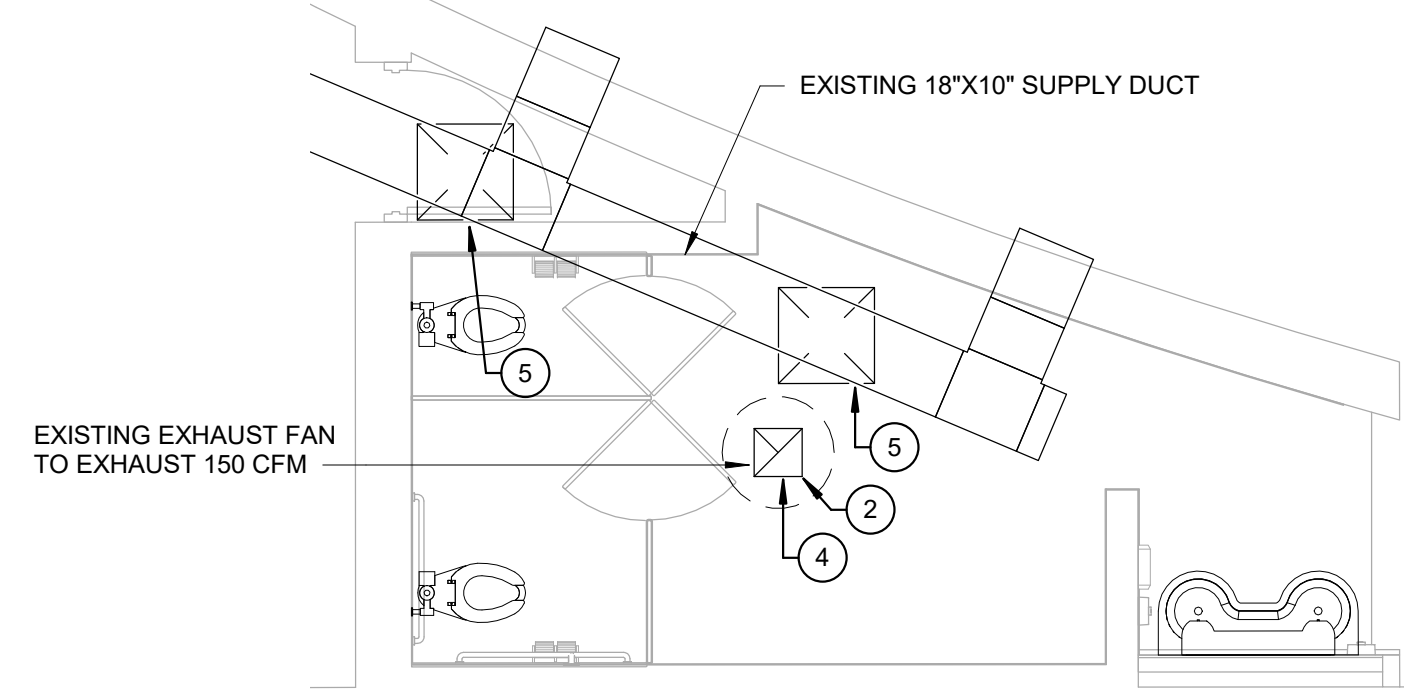
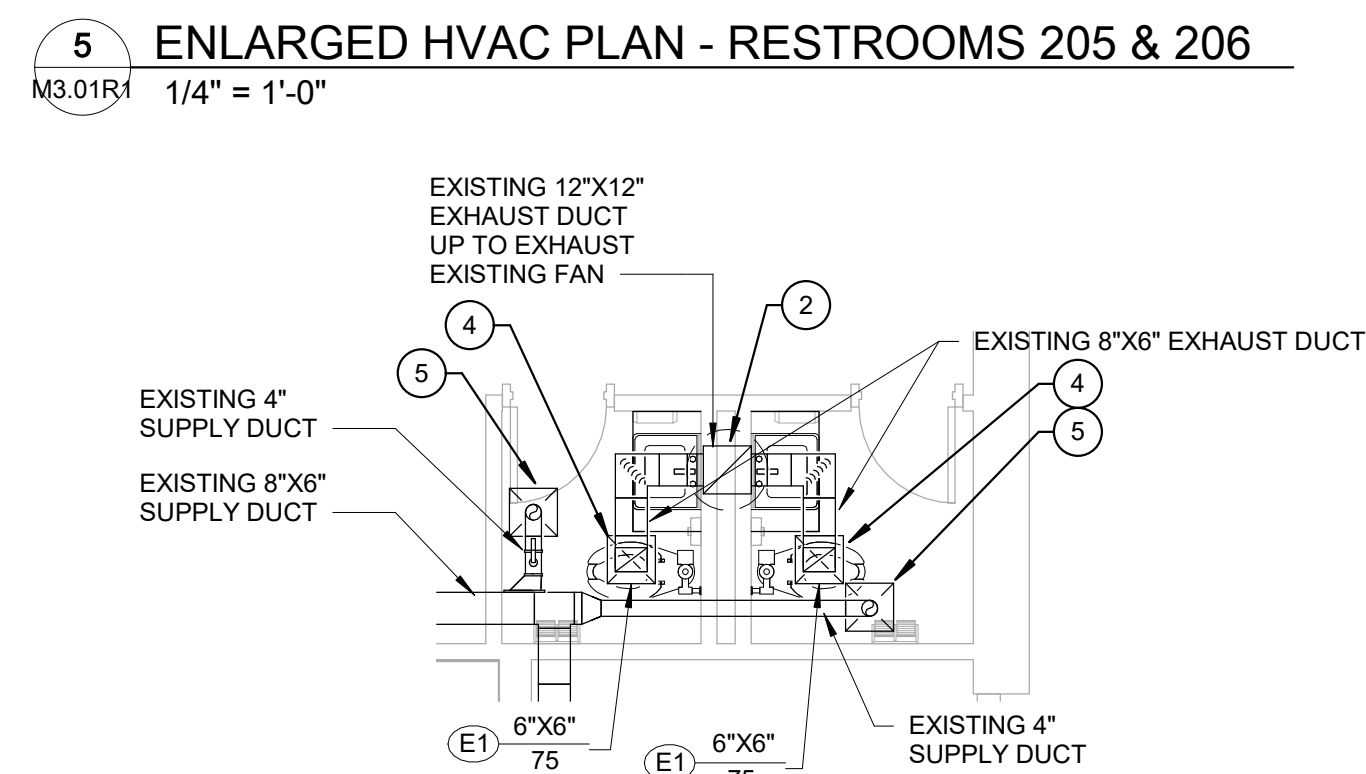
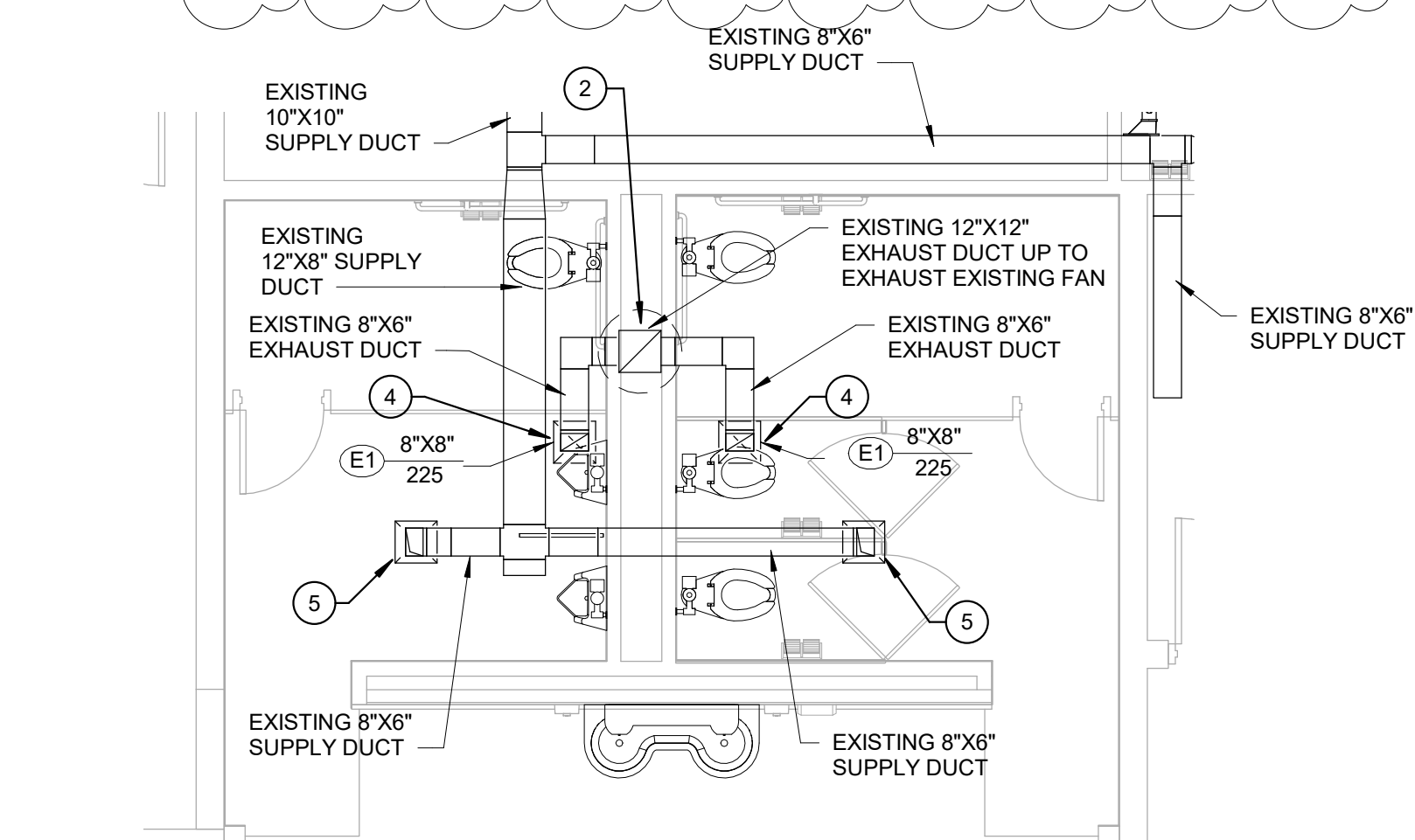
## GENERAL HVAC NOTE

ALL EXISTING HVAC WAS NOT ABLE TO BE FIELD VERIFIED. CONTRACTOR TO FIELD VERIFY ALL EXISTING DUCTWORK FOR ACTUAL ROUTING AND MODIFY AS REQUIRED. EXISTING DUCTWORK TO BE FIELD INSPECTED FOR ANY DEFECTS OR DAMAGE. EXISTING DUCT IN GOOD WORKING CONDITION MAY BE REUSED OR REWORKED AS REQUIRED.

## ○ HVAC KEY NOTES

1. CONNECT NEW EXHAUST DUCT TO EXISTING EXHAUST AT THIS LOCATION.
2. CONTRACTOR TO INSPECT EXISTING EXHAUST FAN AND VERIFY IT CAN MEET THE CFM REQUIREMENTS NOTED ON PLAN AND THAT IT FUNCTIONS PROPERLY. CONTRACTOR TO MAKE REPAIRS AS REQUIRED.
3. CONTRACTOR TO INSPECT EXISTING CEILING HEATER UNIT AND VERIFY IT IS IN GOOD WORKING ORDER. CONTRACTOR TO MAKE REPAIRS AS REQUIRED.
4. PROVIDE AND INSTALL NEW EXHAUST GRILLE AND CONNECT TO EXISTING EXHAUST DUCT. GRILLE NECK SIZE TO MATCH EXISTING EXHAUST DUCT SIZE.
5. PROVIDE AND INSTALL NEW SUPPLY DIFFUSER "D1" AND CONNECT TO EXISTING SUPPLY DUCT. DIFFUSER NECK SIZE TO MATCH EXISTING SUPPLY DUCT SIZE. BALANCE SUPPLY AIR DEVICE TO BE MEASURED PRIOR TO DEMOLITION OF EXISTING SUPPLY AIR DEVICE.
6. CLEAN EXISTING EXHAUST FAN GRILLE.
7. PROVIDE COMBINATION FIRE /SMOKE DAMPER AT SHAFT PENETRATION.

KEY NOTE 3 & 6 DO NOT APPLY TO THIS SHEET



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**MOUNT VIEW HIGH SCHOOL  
RESTROOM RENOVATIONS**  
MOUNT VIEW HIGH SCHOOL  
WELCH, WV  
Issue Date

Project Status

DRAWN: DEB      DATE: 10/25/21  
CHECKED: KES      DATE: 10/25/21  
APPROVED: THG      DATE: 10/25/21

PROJECT No. 060-10246

## ENLARGED RESTROOM HVAC PLANS

SHEET No. \_\_\_\_\_

M3.01R1

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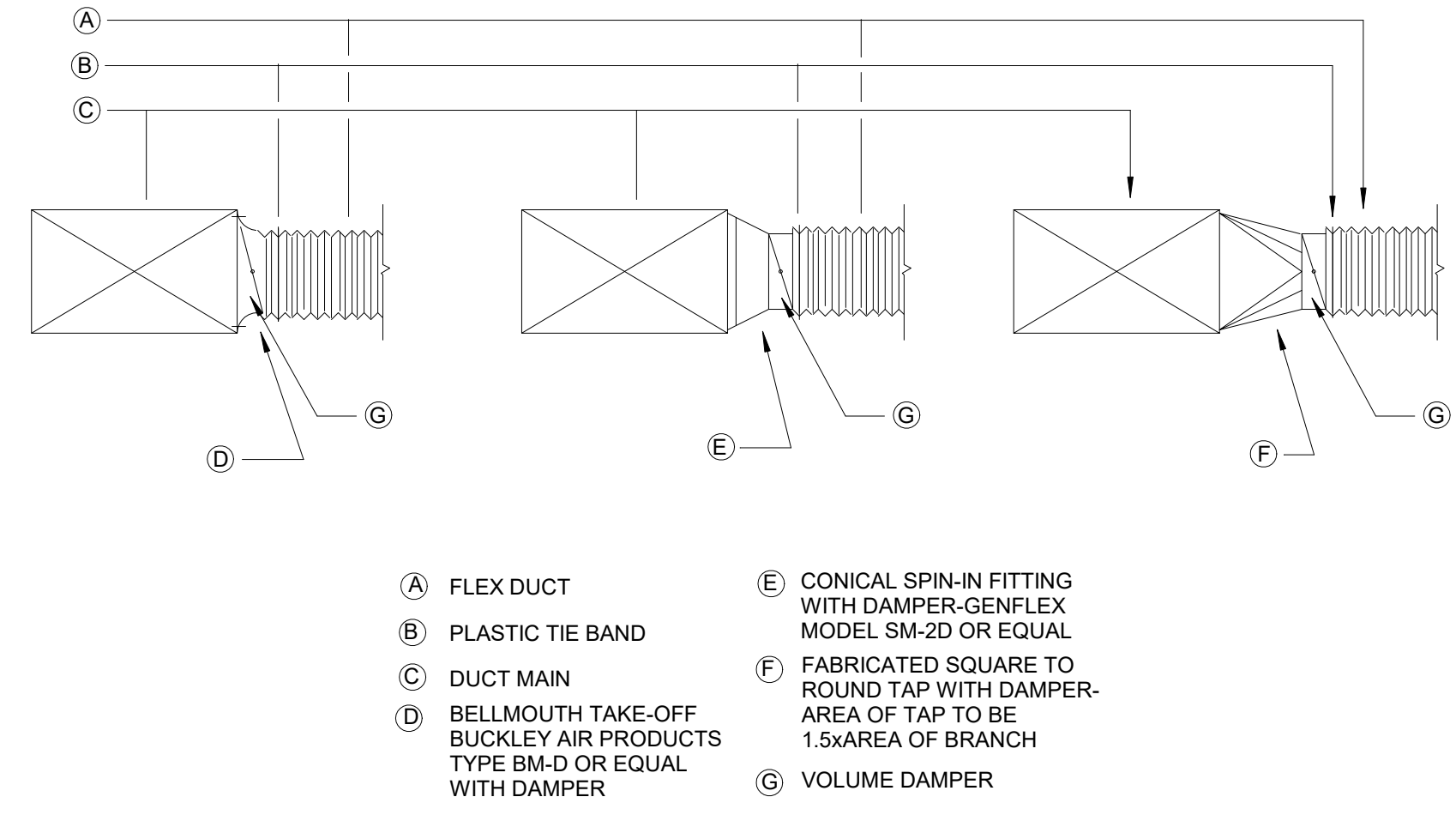
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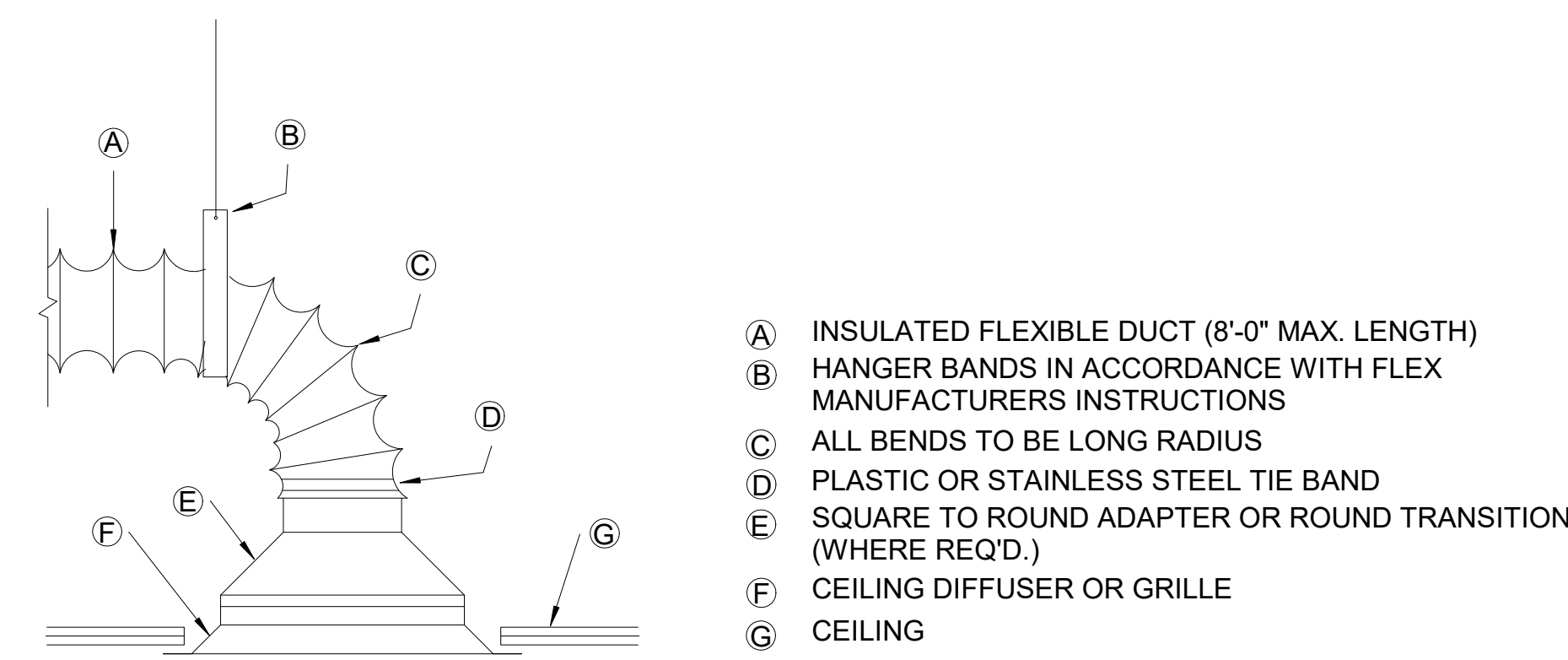
LAYOUT TAB: ENLARGED RESTROOM HVAC PLANS  
 CAD FILE: C:\Users\doyle\Documents\Mount View RR Renovations MEP\_dboyle\9888.rvt



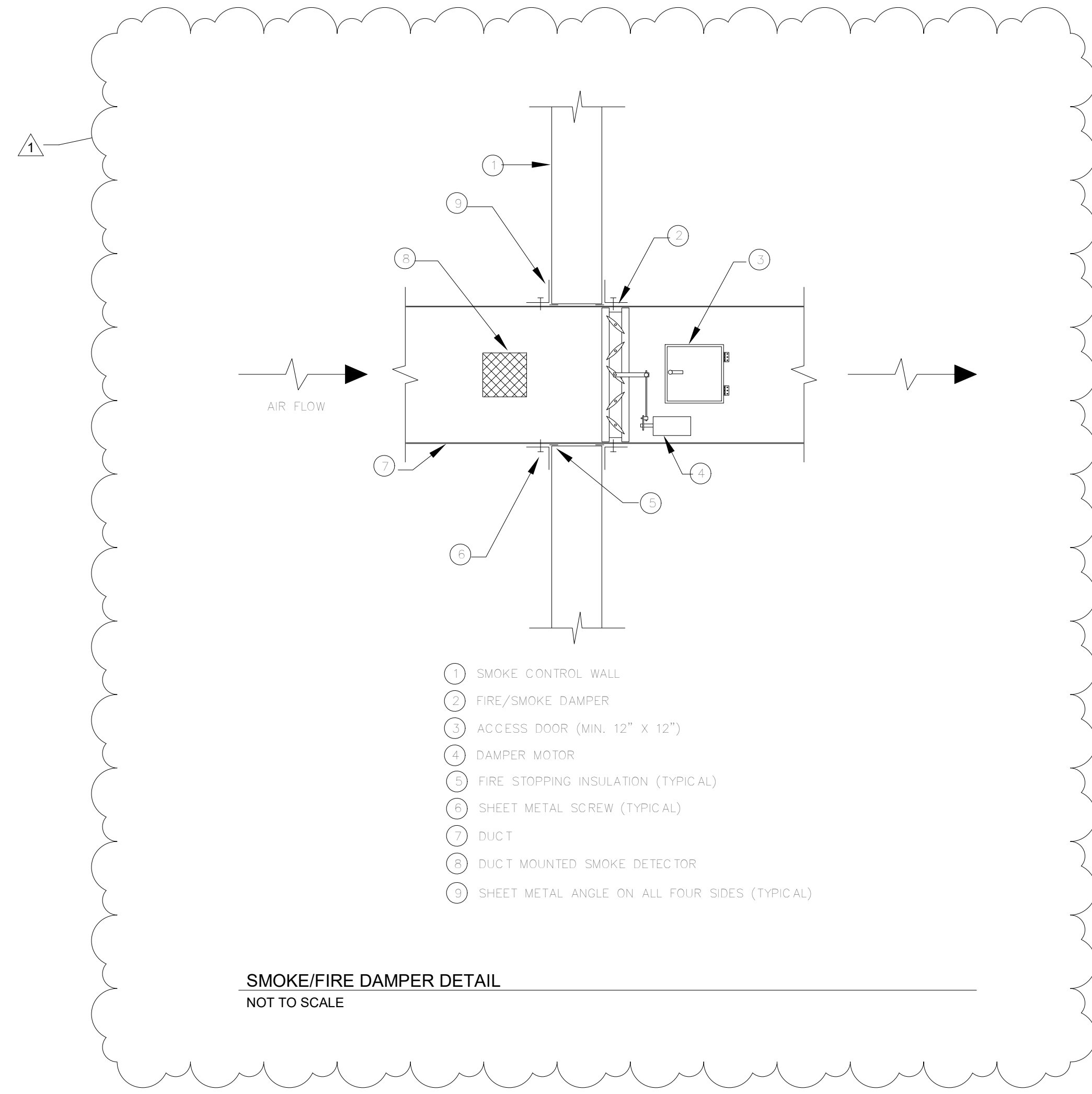




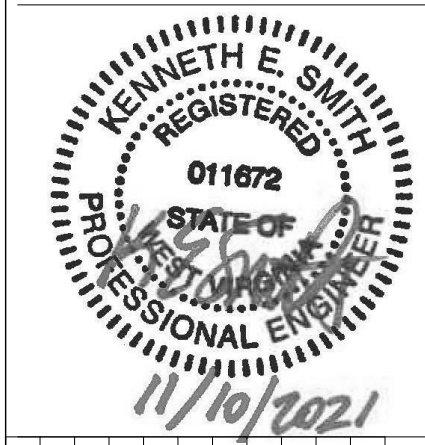
ALTERNATE METHODS OF FELX DUCT CONNECTIONS  
NOT TO SCALE



ELEVATION  
INSTALLATION DETAILS FOR FLEXIBLE DUCTS  
NOT TO SCALE



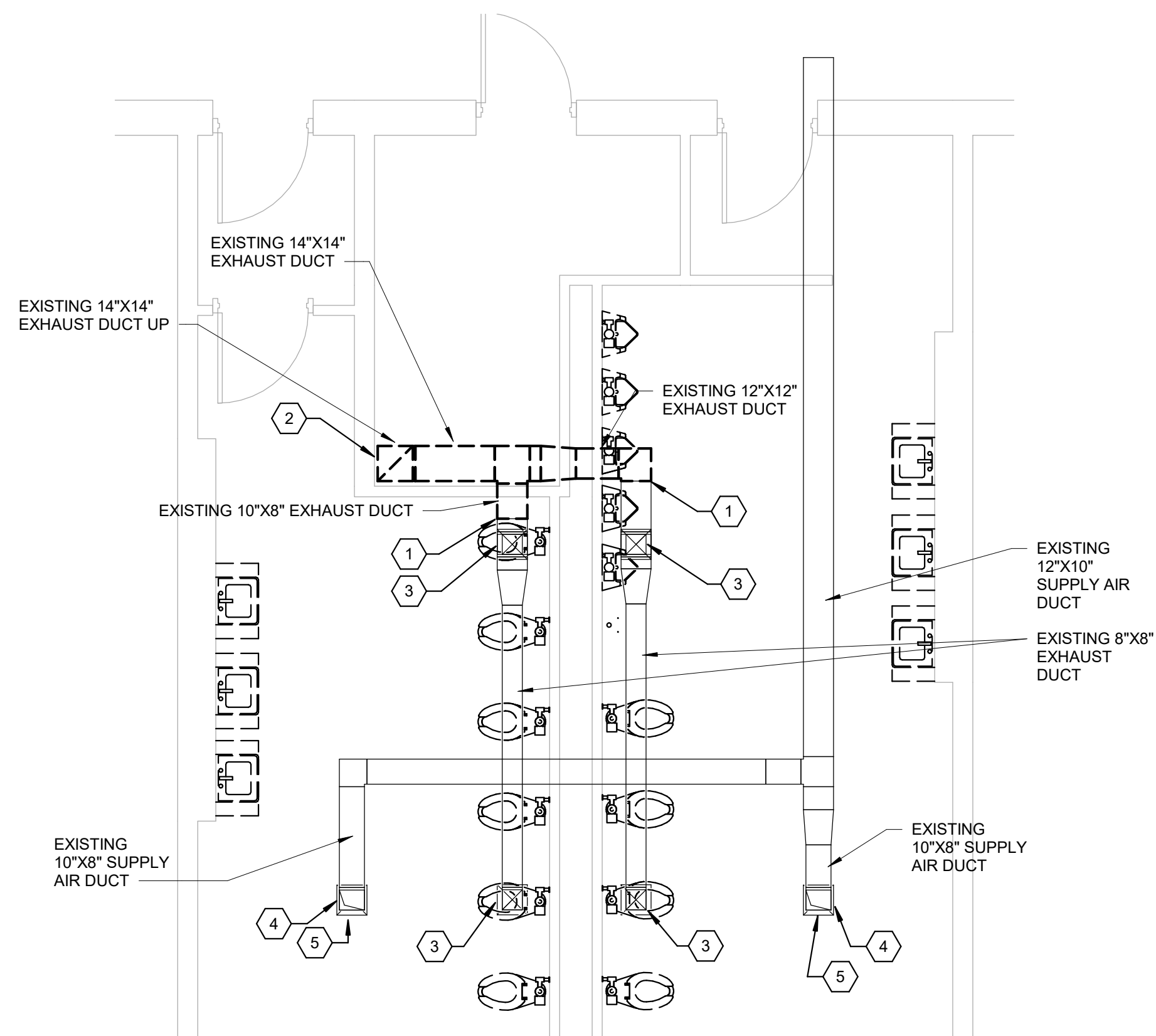
SMOKE/FIRE DAMPER DETAIL  
NOT TO SCALE



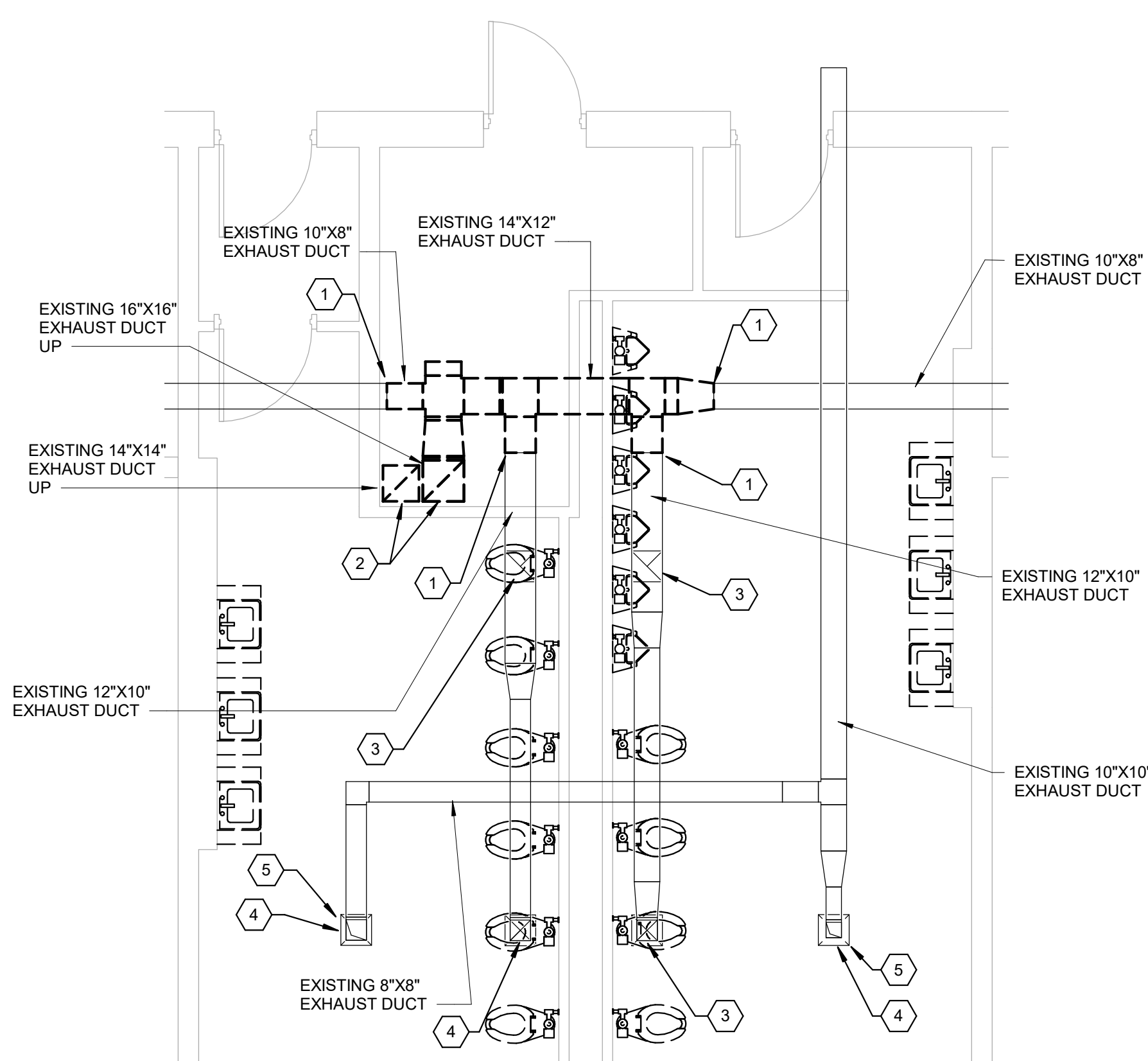
ALTERNATES CLARIFIED, FIRE SMOKE DAMPERS, EXHAUST GRILLE									
NO.	BY	DATE	DESCRIPTION						
1		12/01/21							

MOUNT VIEW HIGH SCHOOL  
RESTROOM RENOVATIONS  
MOUNT VIEW HIGH SCHOOL  
WELCH, WV  
Issue Date  
Project Status

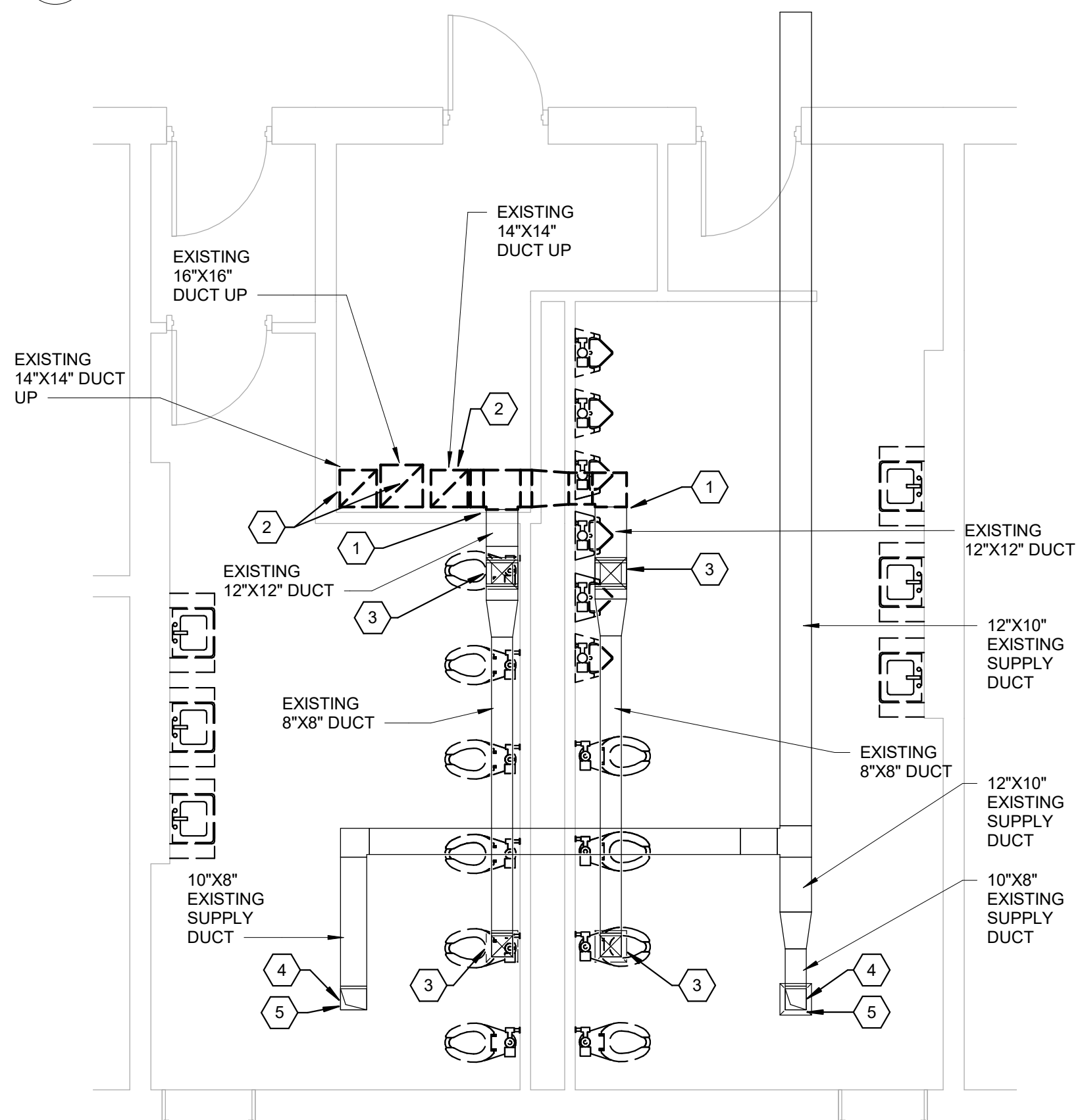
DRAWN: DEB	DATE: 10/05/20
CHECKED: KES	DATE: 10/05/20
APPROVED: THG	DATE: 10/05/20
PROJECT No. 060-10246	



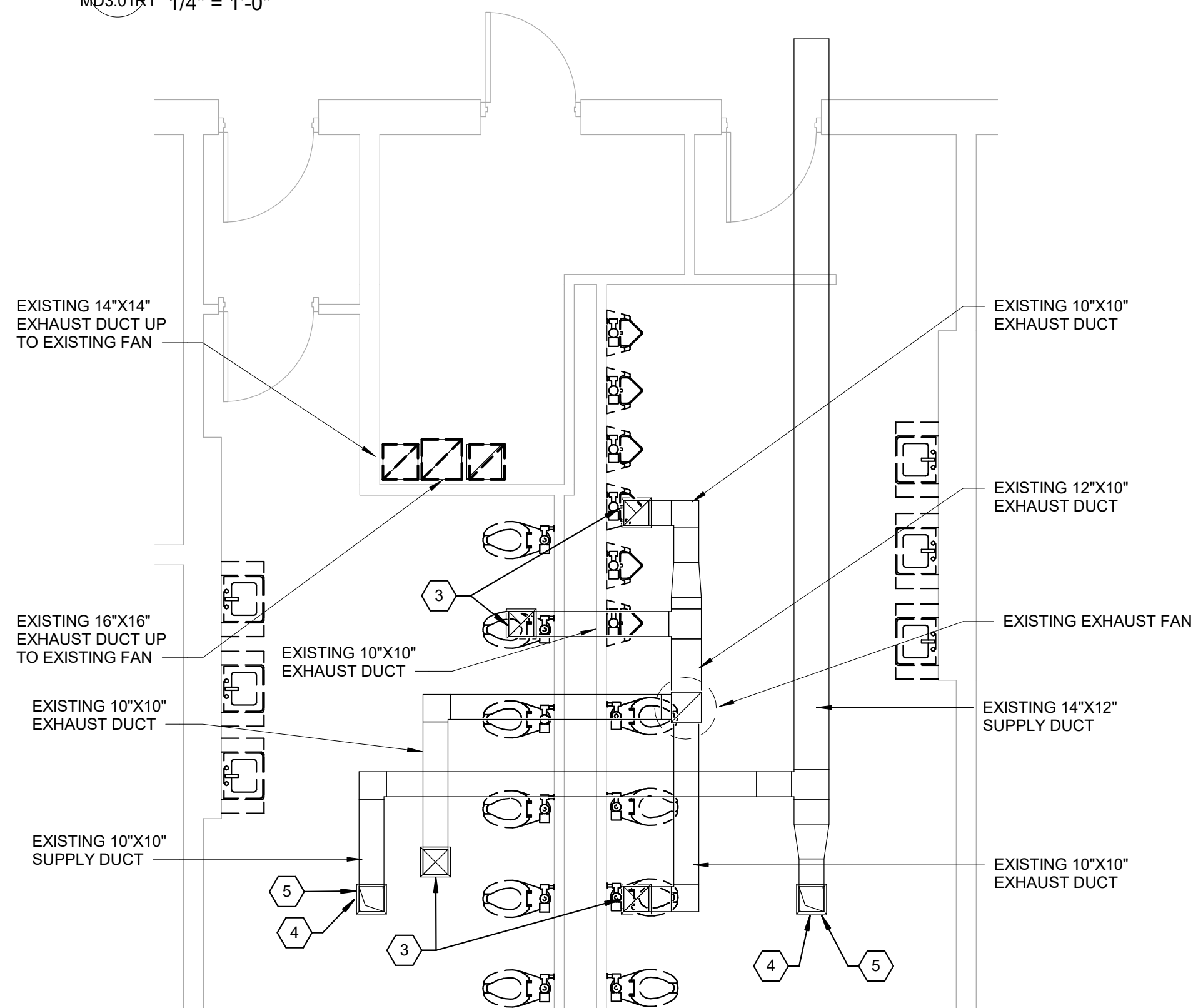
1 ENLARGED HVAC DEMOLITION PLAN - RESTROOMS 101 & 102  
MD3.01R1 1/4" = 1'-0"



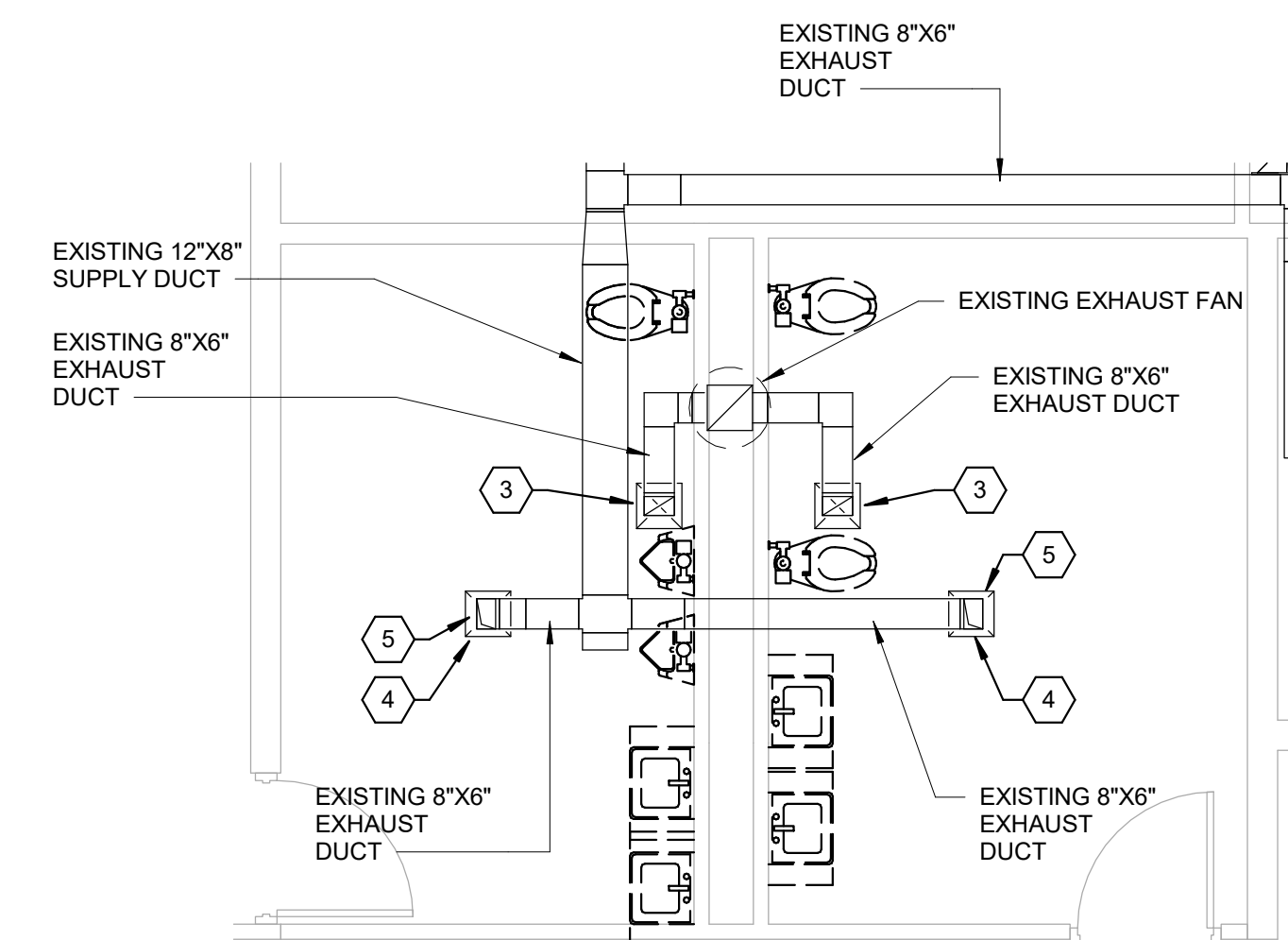
2 ENLARGED HVAC DEMOLITION PLAN - RESTROOMS 201 & 202  
MD3.01R1 1/4" = 1'-0"



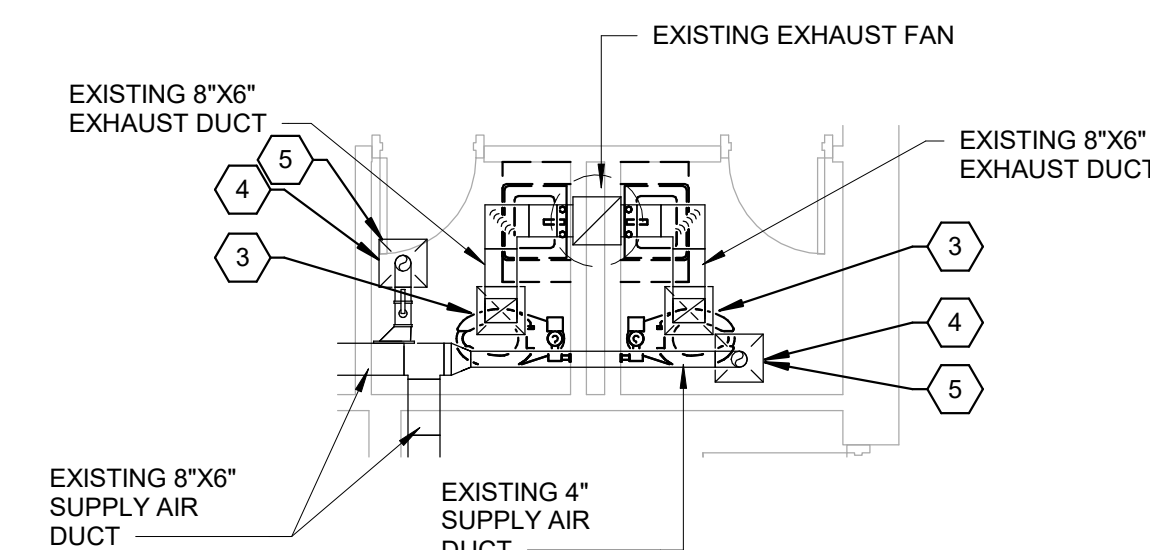
3 ENLARGED HVAC DEMOLITION PLAN - RESTROOMS 301 & 302  
MD3.01R1 1/4" = 1'-0"



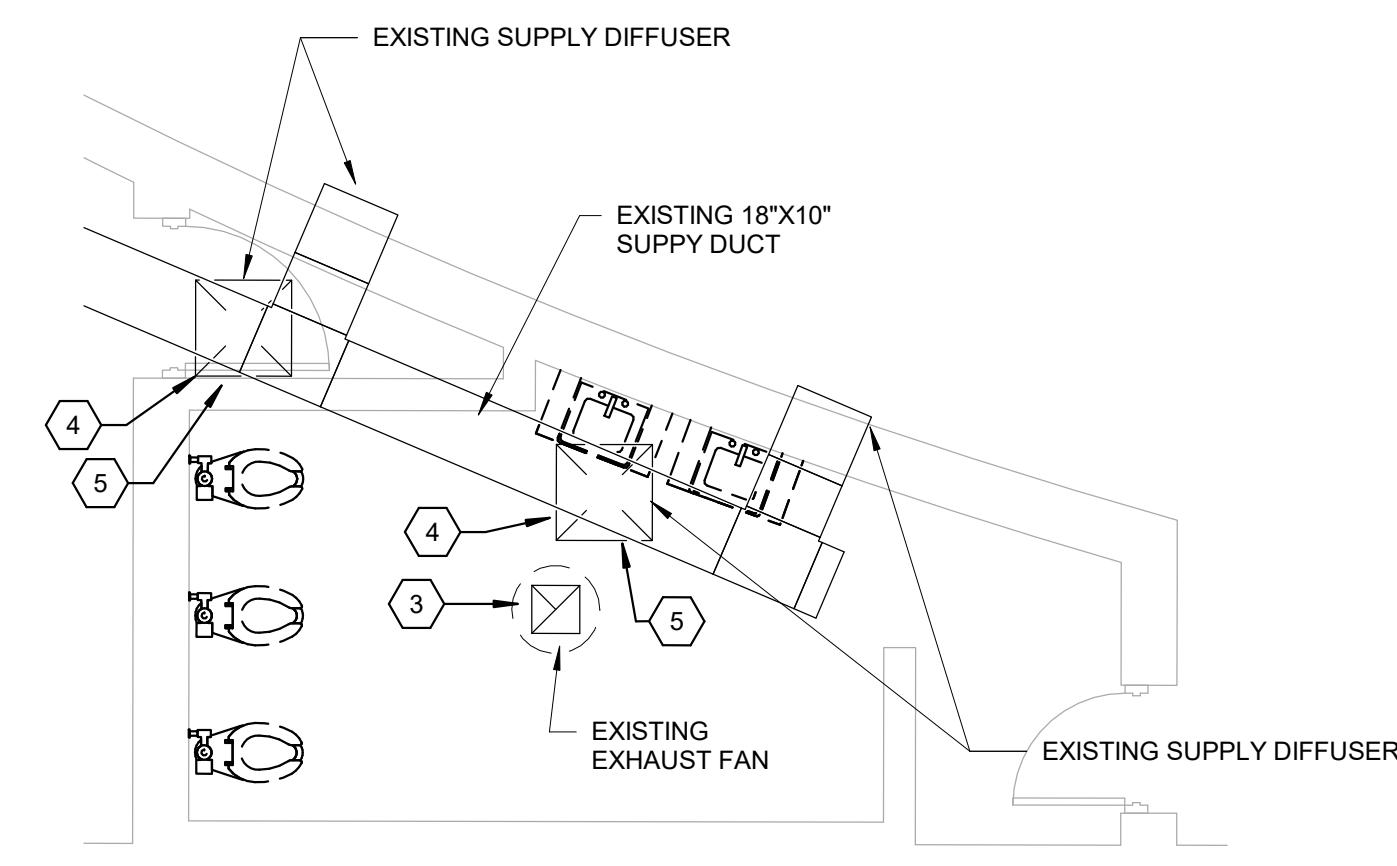
4 (ALTERNATE #1)  
MD3.01R1 1/4" = 1'-0"



5 ENLARGED HVAC DEMOLITION PLAN - RESTROOMS 205 & 206  
MD3.01R1 1/4" = 1'-0"



6 ENLARGED HVAC DEMOLITION PLAN - RESTROOMS 207 & 208  
MD3.01R1 1/4" = 1'-0"



7 ENLARGED HVAC DEMOLITION PLAN - RESTROOM 209  
MD3.01R1 1/4" = 1'-0"

## HVAC DEMOLITION KEY NOTES

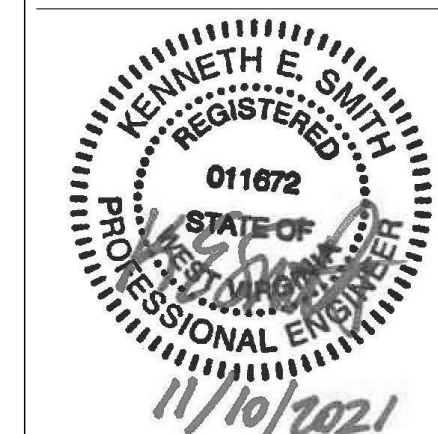
1. REMOVE EXISTING EXHAUST DUCT BACK TO THIS LOCATION.
2. REMOVE EXISTING EXHAUST RISER UP TO TOP FLOOR WHERE NEW DUCT WILL RECONNECT.  
SEE NEW WORK PLAN.
3. REMOVE EXISTING EXHAUST GRILLE.
4. REMOVE EXISTING SUPPLY DIFFUSER.
5. PRIOR TO REMOVAL OF SUPPLY AIR DEVICE, MEASURE AND RECORD AIRFLOW FOR USE IN  
BALANCING AT COMPLETION OF NEW WORK.



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**MOUNT VIEW HIGH SCHOOL  
RESTROOM RENOVATIONS**  
MOUNT VIEW HIGH SCHOOL

VIEW HIGH S  
WELCH, WV  
Issue Date  
Project Status

Project Status

DRAWN: DEB      DATE: 10/09/20  
CHECKED: KES      DATE: 10/09/20  
APPROVED: THG      DATE: 10/09/20

PROJECT No.

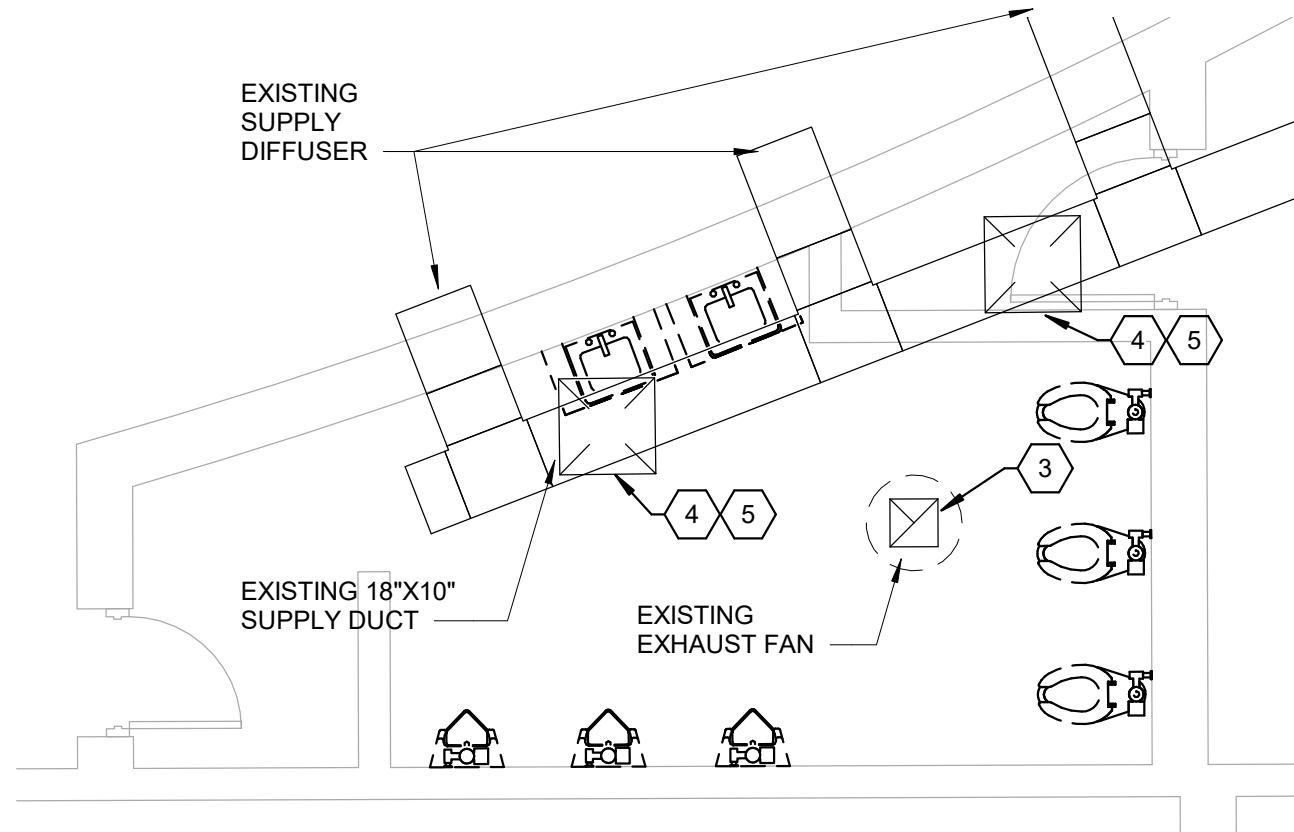
060-10240

## ENLARGED RESTROOM DEMOLITION HVAC PLANS

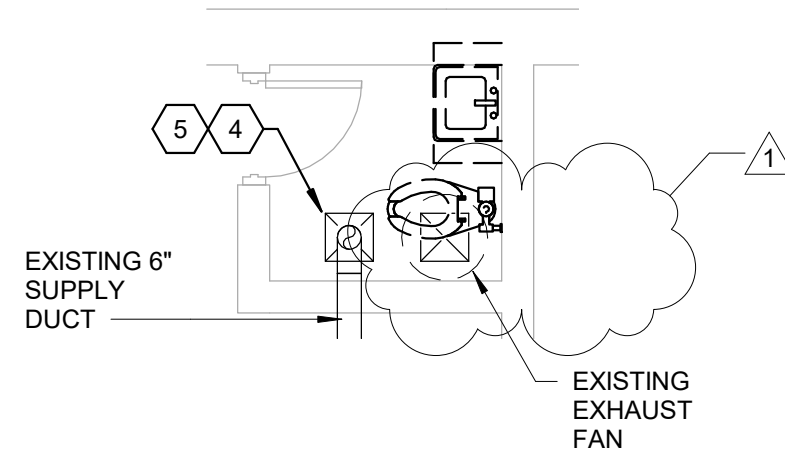
SHEET No. \_\_\_\_\_

MD3.01R1

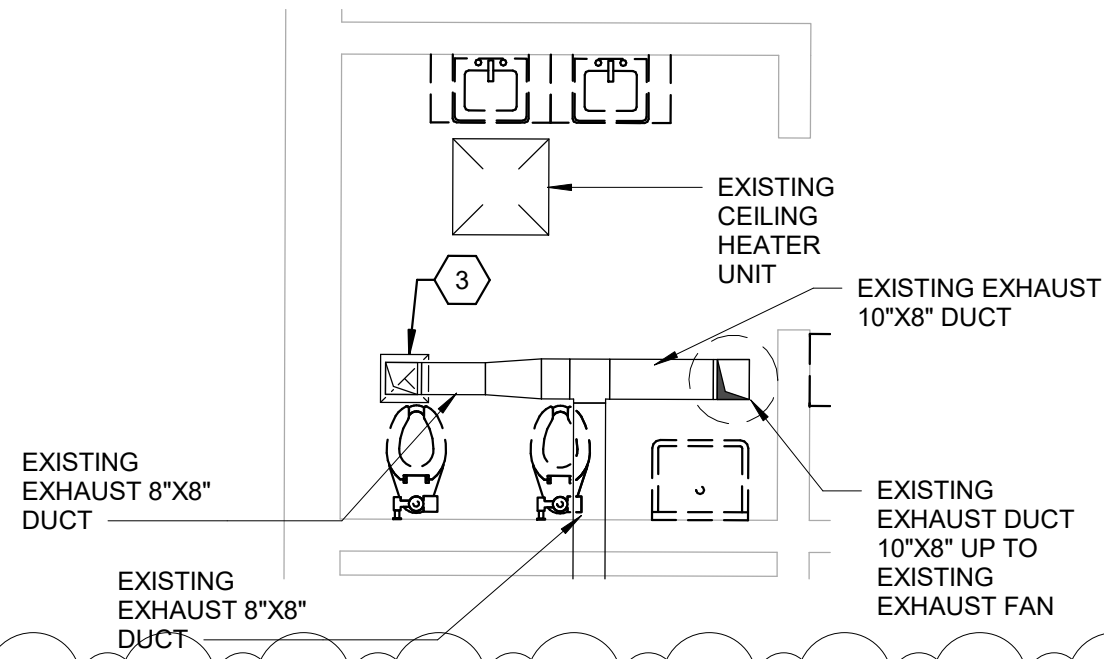
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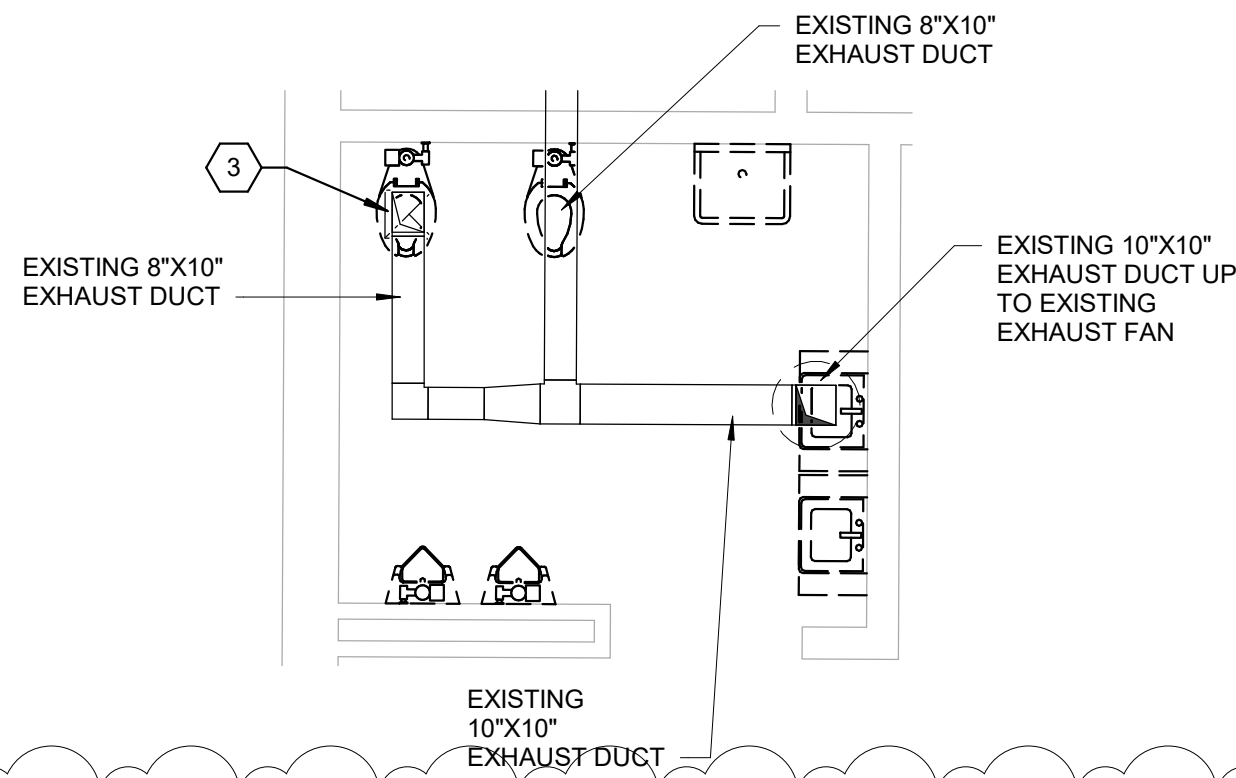
1 ENLARGED HVAC DEMOLITION - RESTROOM 210  
MD3.02R1 1/4" = 1'-0"



4 ENLARGED HVAC DEMOLITION PLAN - RESTROOM 214  
(ALTERNATE #3)  
MD3.02R1 1/4" = 1'-0"



2 ENLARGED HVAC DEMOLITION PLAN - RESTROOM 211  
(ALTERNATE #2)  
MD3.02R1 1/4" = 1'-0"



3 ENLARGED HVAC DEMOLITION PLAN - RESTROOM 212  
(ALTERNATE #2)  
MD3.02R1 1/4" = 1'-0"

## HVAC DEMOLITION KEY NOTES

1. REMOVE EXISTING EXHAUST DUCT BACK TO THIS LOCATION.
2. REMOVE EXISTING EXHAUST RISER UP TO TOP FLOOR WHERE NEW DUCT WILL RECONNECT. SEE NEW WORK PLAN.
3. REMOVE EXISTING EXHAUST GRILLE.
4. REMOVE EXISTING SUPPLY DIFFUSER.
5. PRIOR TO REMOVAL OF SUPPLY AIR DEVICE, MEASURE AND RECORD AIRFLOW FOR USE IN BALANCING AT COMPLETION OF NEW WORK.

KEY NOTES 1 AND 2 DO NOT APPLY TO THIS SHEET

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NO.	BY	DATE	DESCRIPTION
1		12/10/21	ALTERNATES CLARIFIED, FIRE SMOKE DAMPERS, EXHAUST GRILLE

## MOUNT VIEW HIGH SCHOOL RESTROOM RENOVATIONS

MOUNT VIEW HIGH SCHOOL  
WELCH, WV  
Issue Date

Project Status

DRAWN: DEB DATE: 10/25/21  
CHECKED: KES DATE: 10/25/21  
APPROVED: THG DATE: 10/25/21

PROJECT No.

060-10246

ENLARGED RESTROOM  
DEMOLITION HVAC  
PLANS

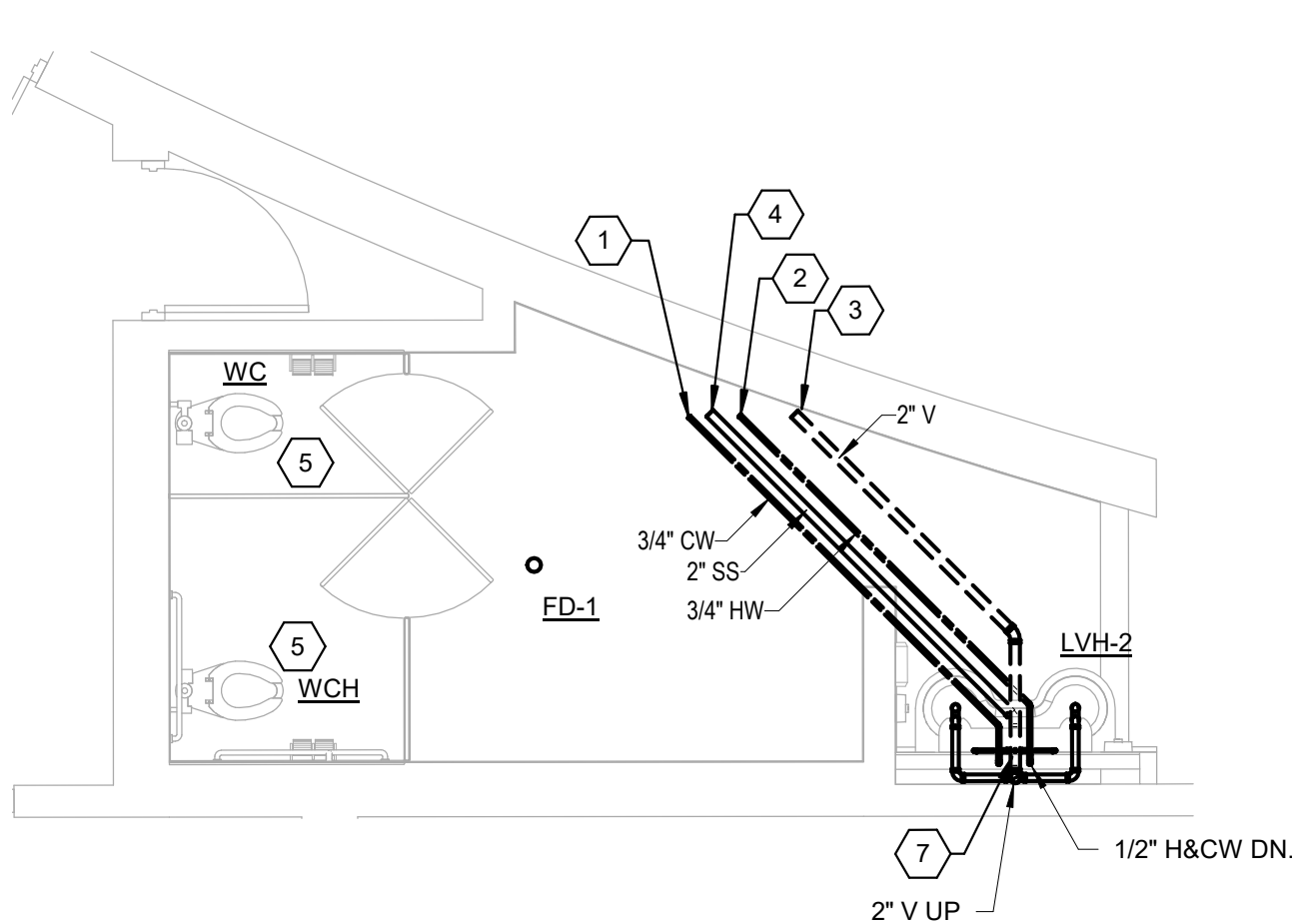
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MD3.02R1



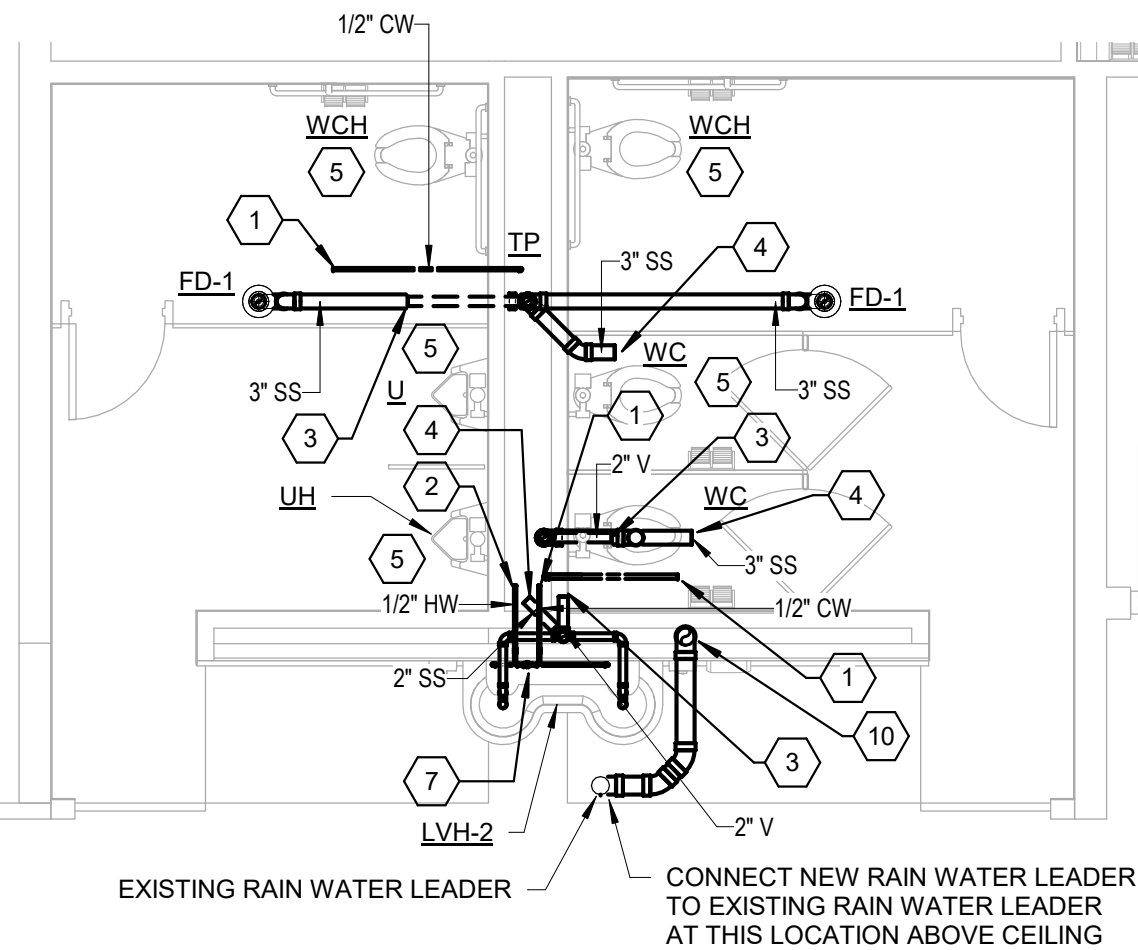
## ENLARGED PLUMBING PLAN - RESTROOMS 101 &amp; 102, 201, 202,

301, 302, (401 &amp; 402 ALTERNATE #1)

1  
P2.01R1 1/4" = 1'-0"

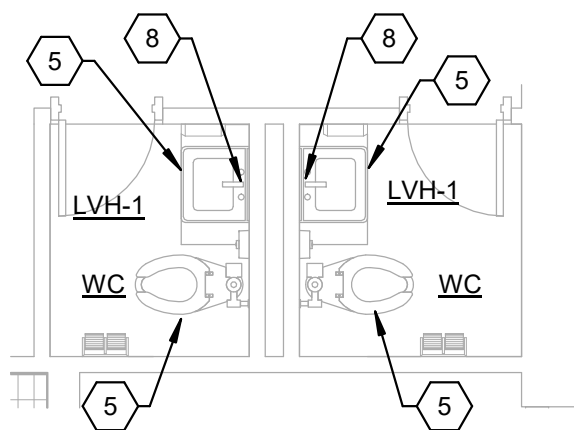
## 4 ENLARGED PLUMBING PLAN - RESTROOM 209

P2.01R1 1/4" = 1'-0"



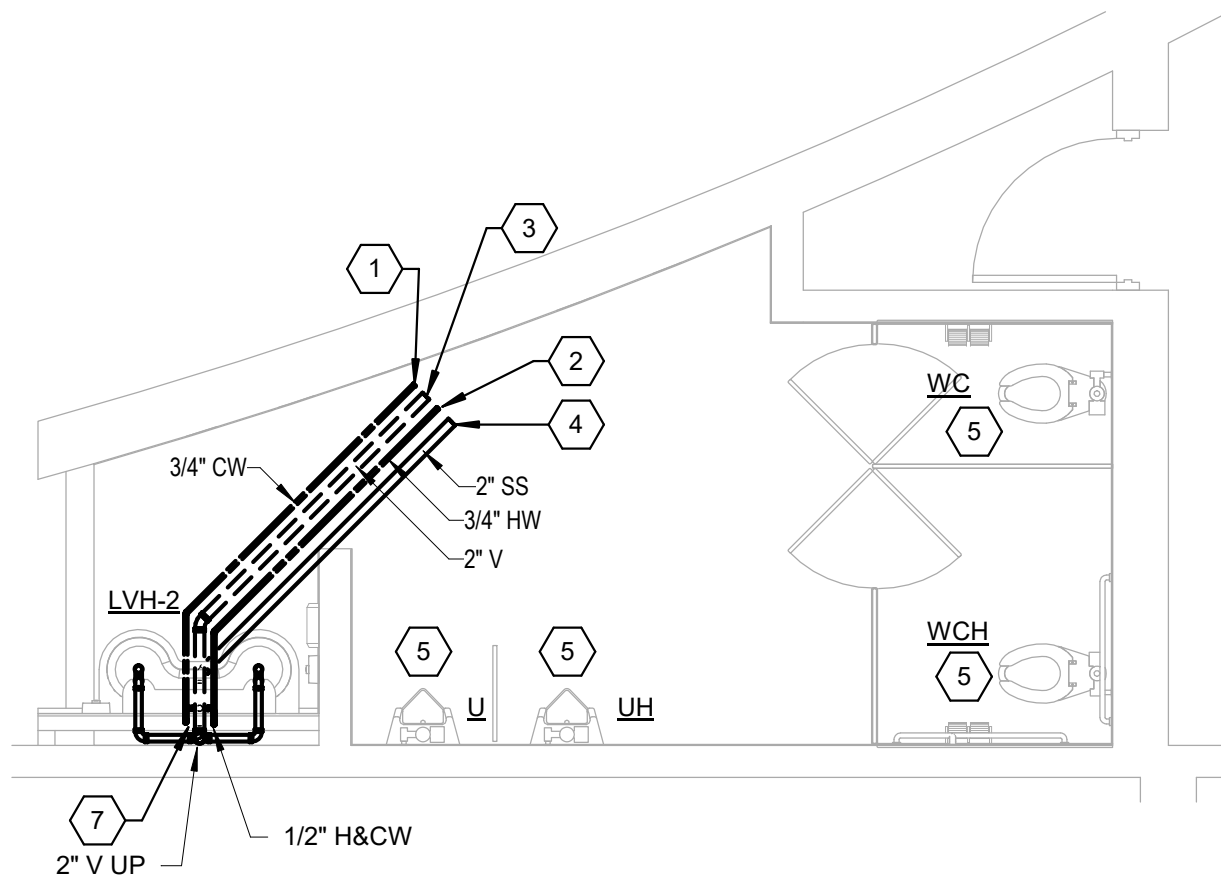
## 2 ENLARGED PLUMBING PLAN - RESTROOMS 205 &amp; 206

P2.01R1 1/4" = 1'-0"



## 3 ENLARGED PLUMBING PLAN - RESTROOMS 207 &amp; 208

P2.01R1 1/4" = 1'-0"



## 5 ENLARGED PLUMBING PLAN - RESTROOM 210

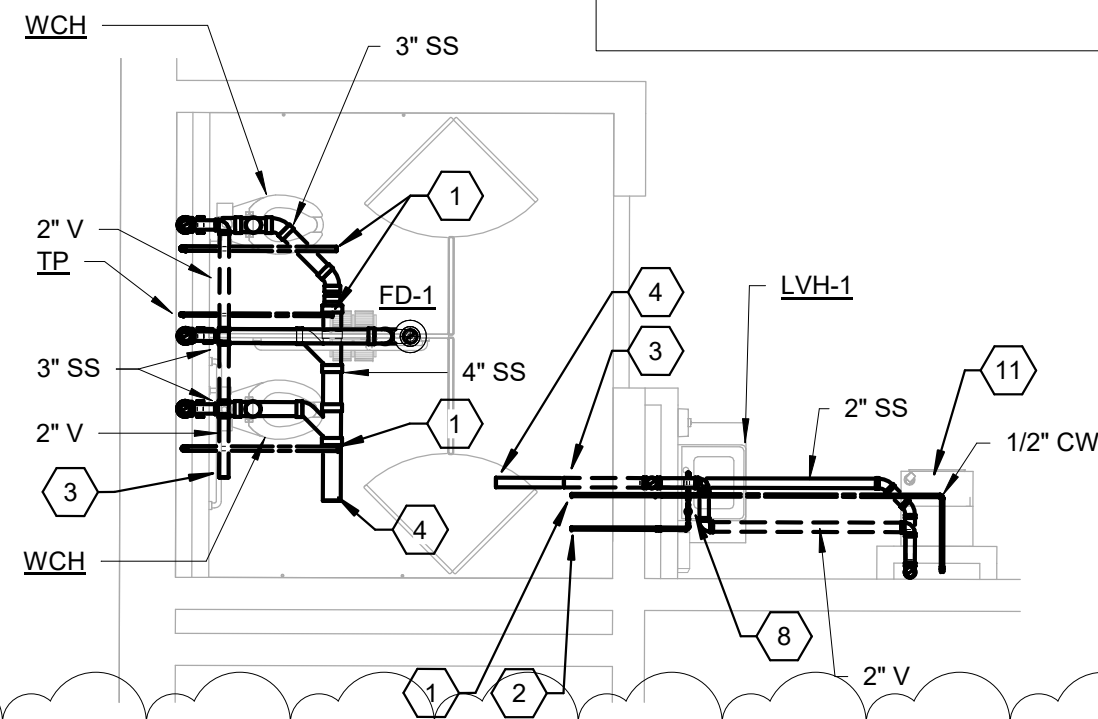
P2.01R1 1/4" = 1'-0"

## GENERAL PLUMBING NOTE

ALL EXISTING PIPING WAS NOT ABLE TO BE FIELD VERIFIED. CONTRACTOR TO FIELD VERIFY ALL EXISTING WASTE, WATER AND VENT PIPING FOR ACTUAL ROUTING AND MODIFY AS REQUIRED. EXISTING PIPING TO BE FIELD INSPECTED FOR ANY DEFECTS OR DAMAGE. EXISTING PIPING IN GOOD WORKING CONDITION MAY BE REUSED OR REWORKED AS REQUIRED.

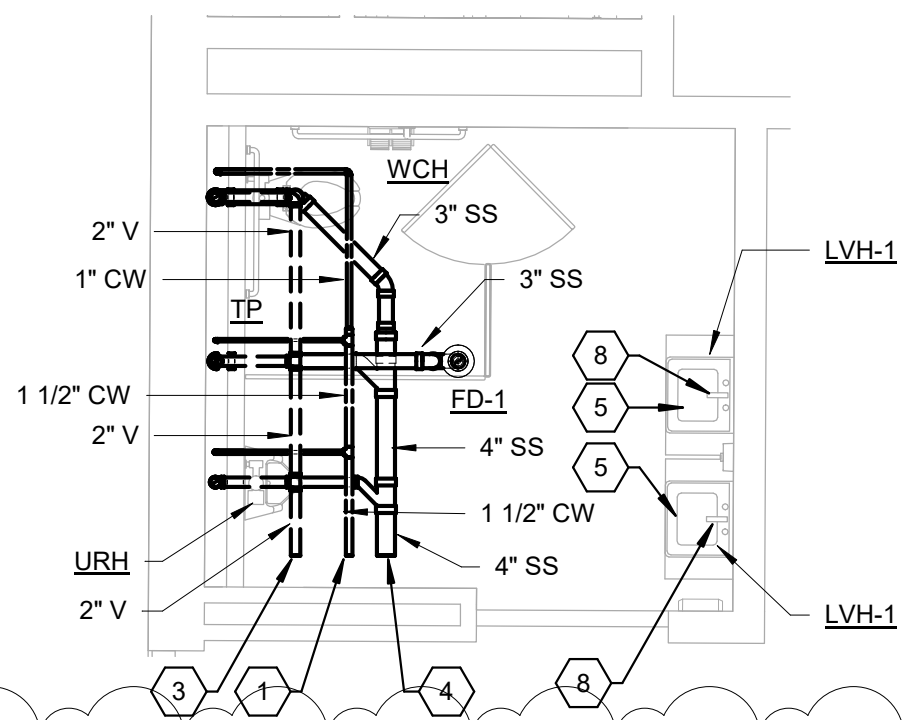
## 1 PLUMBING KEY NOTES

1. CONNECT NEW COLD WATER LINE TO EXISTING COLD WATER LINE AT THIS LOCATION.
2. CONNECT NEW HOT WATER LINE TO EXISTING HOT WATER LINE AT THIS LOCATION.
3. CONNECT NEW VENT LINE TO EXISTING VENT LINE AT THIS LOCATION. FIELD VERIFY EXISTING VENT LINE IS EQUAL OR GREATER IN SIZE THAN NEW VENT LINE.
4. CONNECT NEW SANITARY WASTE LINE TO EXISTING SANITARY WASTE LINE AT THIS LOCATION. FIELD VERIFY EXISTING SANITARY WASTE LINE IS EQUAL OR GREATER IN SIZE THAN NEW SANITARY WASTE LINE.
5. PROVIDE AND INSTALL NEW PLUMBING FIXTURE AT THIS LOCATION. CONNECT NEW FIXTURE TO EXISTING PLUMBING LINES.
6. 3/4" HOT AND COLD WATER LINES DOWN TO THERMOSTATIC MIXING VALVE LEONARD 370-LF PROVIDE ACCESS TO VALVE. PROVIDE SHUT OFF VALVES ON HOT AND COLD WATER LINES ABOVE CEILING WITH ACCESS.
7. 3/4" HOT AND COLD WATER LINES DOWN TO THERMOSTATIC MIXING VALVE LEONARD 270-LF PROVIDE ACCESS TO VALVE. PROVIDE SHUT OFF VALVES ON HOT AND COLD WATER LINES ABOVE CEILING WITH ACCESS.
8. PROVIDE A LEONARD 170-LF THERMOSTATIC MIXING VALVE BELOW LAVATORY.
9. FIELD VERIFY FLOOR EXISTING FLOOR DRAIN HAS A TRAP PRIMER. PROVIDE AND INSTALL A TRAP PRIMER IF NOT ALREADY INSTALLED. PROVIDE ACCESS PANEL AND SHUT OFF VALVE TO ISOLATE FOR FUTURE REPAIRS.
10. REROUTE EXISTING RAIN WATER LEADER TO NEW CHASE AND DOWN TO BELOW FLOOR. CONNECT NEW RAIN WATER LEADER TO EXISTING RAIN WATER LEADER BELOW FLOOR.
11. RELOCATE EXISTING DRINKING FOUNTAIN TO THIS LOCATION. PROVIDE NEW WASTE, WATER AND VENT LINES FOR NEW LOCATION OF DRINKING FOUNTAIN.



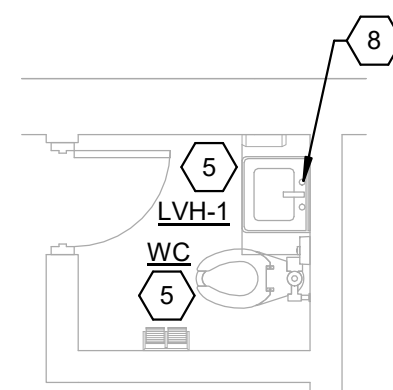
## 6 ENLARGED PLUMBING PLAN - RESTROOM 211 (ALTERNATE #2)

P2.01R1 1/4" = 1'-0"



## 7 ENLARGED PLUMBING PLAN - RESTROOM 212 (ALTERNATE #2)

P2.01R1 1/4" = 1'-0"



## 8 ENLARGED PLUMBING PLAN - RESTROOM 214 (ALTERNATE #3)

P2.01R1 1/4" = 1'-0"



ALTERNATES CLARIFIED, FIRE SMOKE DAMPERS, EXHAUST GRILLE

12/01/21

1

DESCRIPTION

DATE

BY

NO.

MOUNT VIEW HIGH SCHOOLS  
RESTROOM RENOVATIONSMOUNT VIEW HIGH SCHOOL  
WELCH, WV  
Issue Date

Project Status

DRAWN: DEB DATE: 09/29/20  
CHECKED: KES DATE: 09/29/20  
APPROVED: THG DATE: 09/29/20

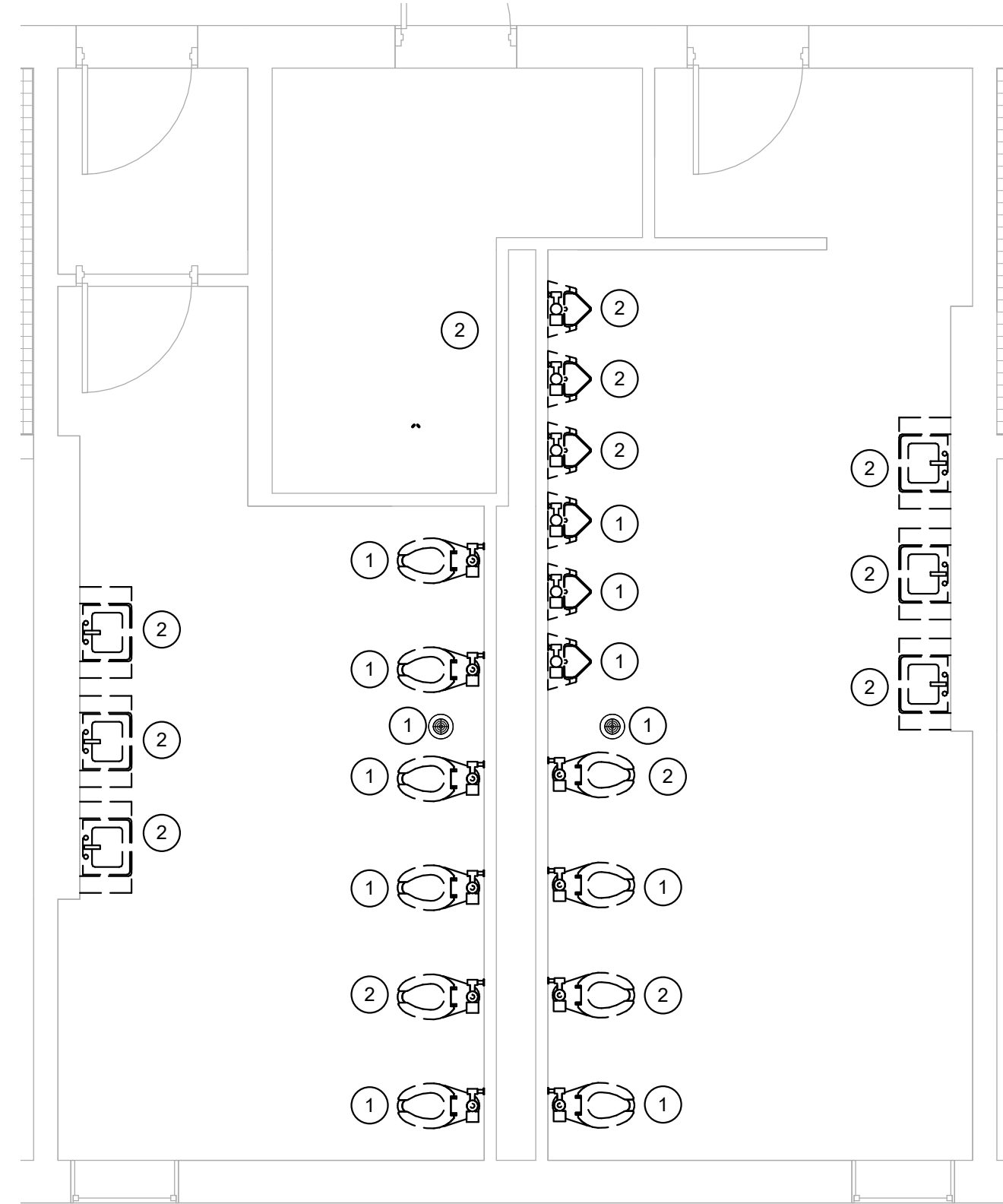
PROJECT No.

060-10246

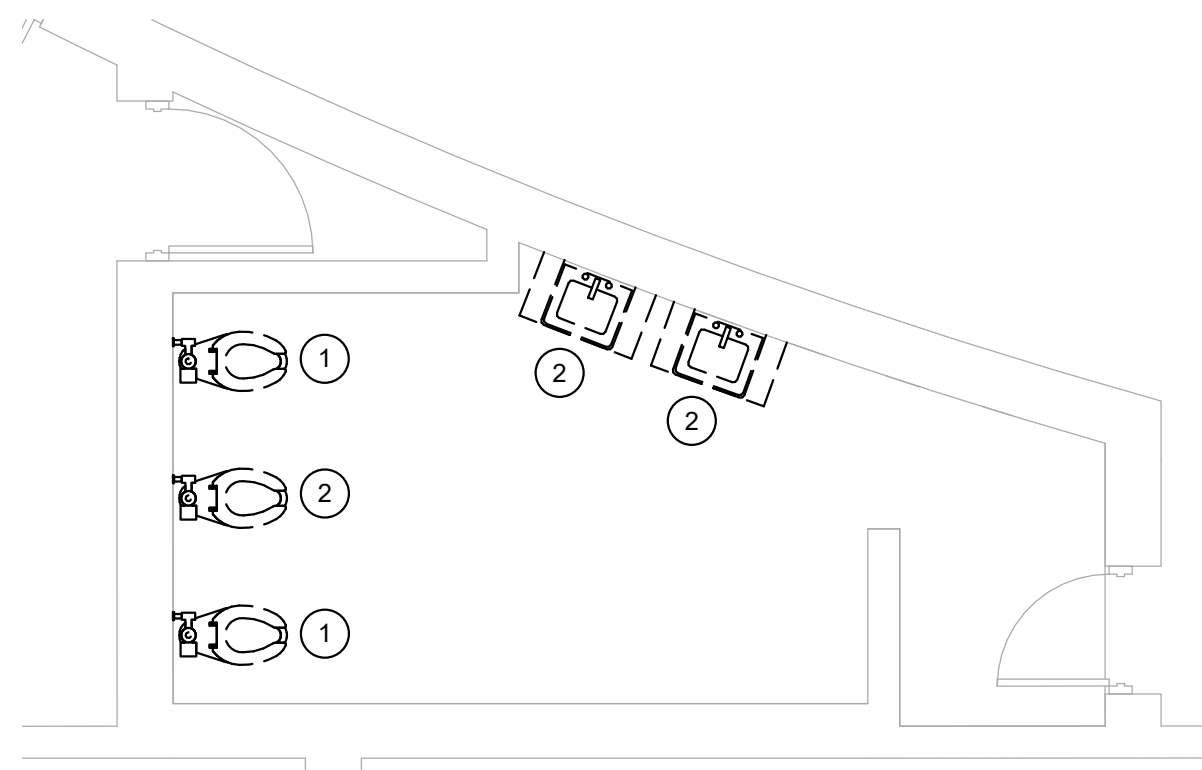
ENLARGED RESTROOM  
PLUMBING PLANS

SHEET No.

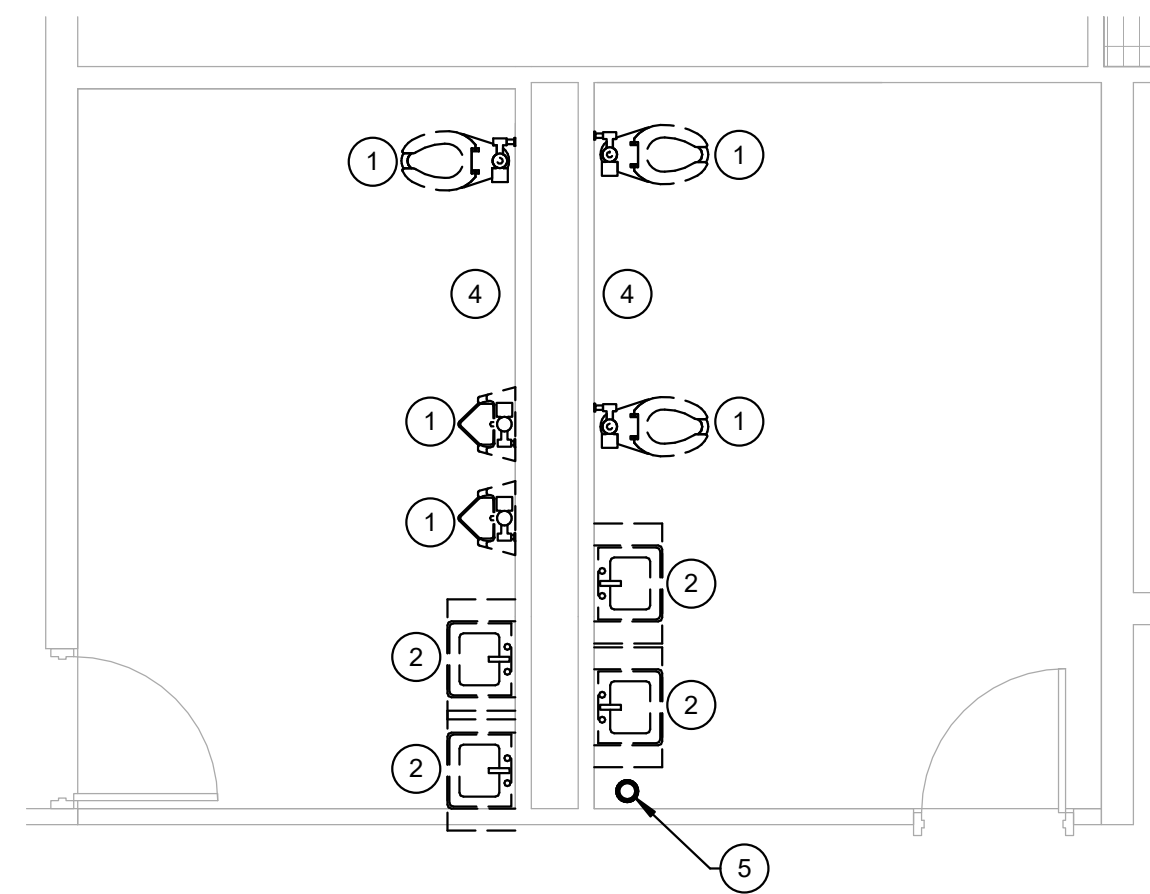
P2.01R1



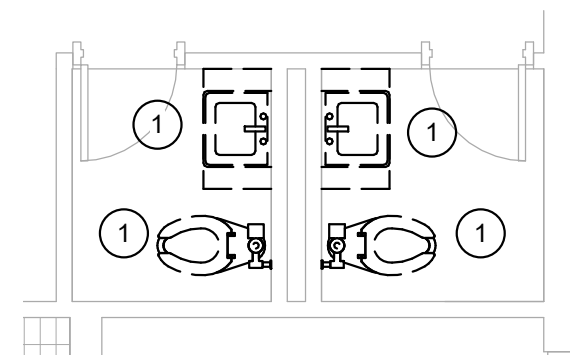
ENLARGED PLUMBING DEMOLITION PLAN - RESTROOMS 101 & 102, 201, 202, 301, 302, (401 & 402 ALTERNATE #1)



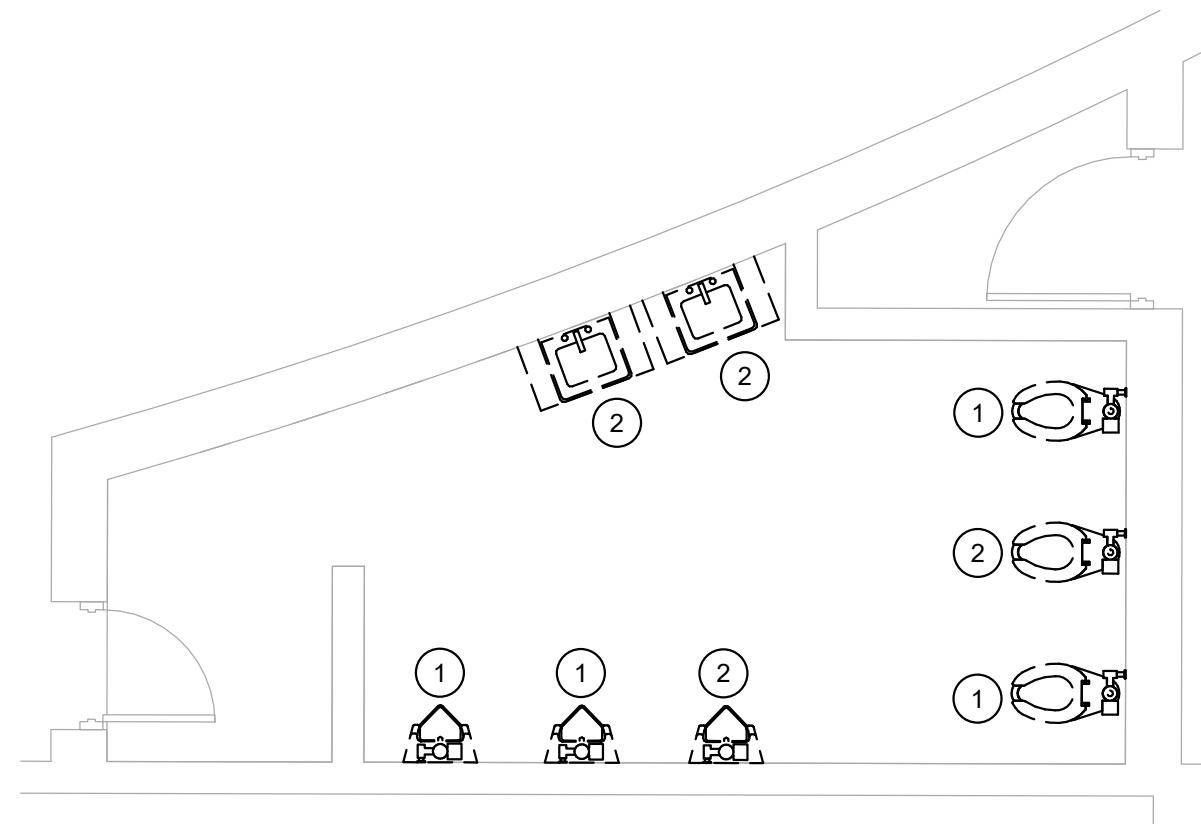
4 ENLARGED PLUMBING DEMOLITION PLAN - RESTROOM 209  
PD2.01R1 1/4" = 1'-0"



ENLARGED PLUMBING DEMOLITION PLAN - RESTROOMS 205 & 206



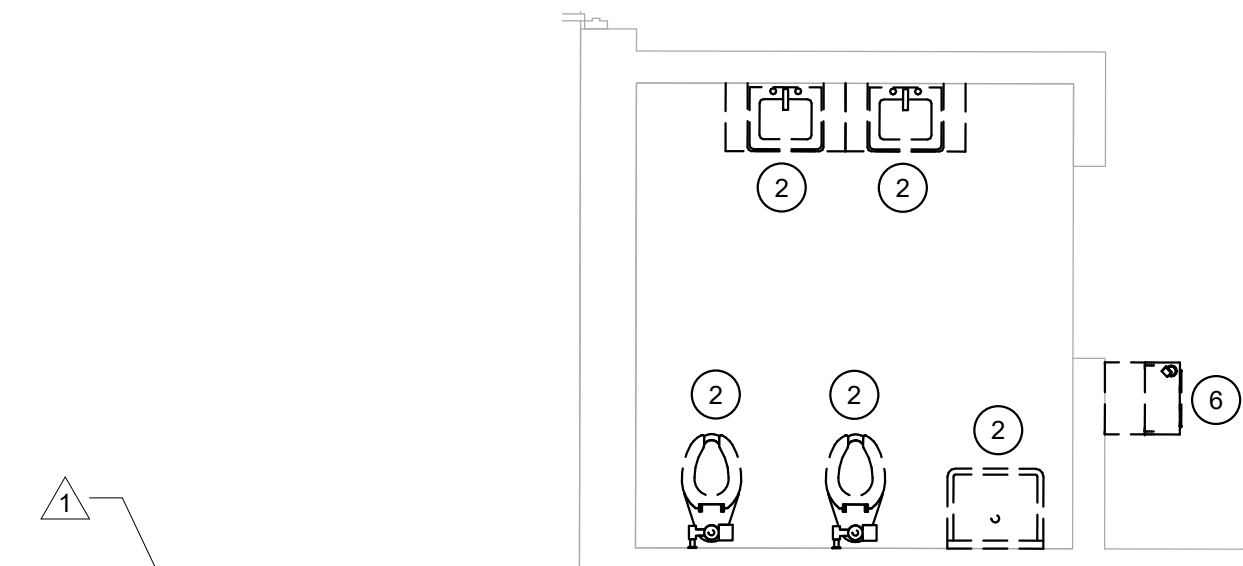
ENLARGED PLUMBING DEMOLITION PLAN - RESTROOMS 207 & 208



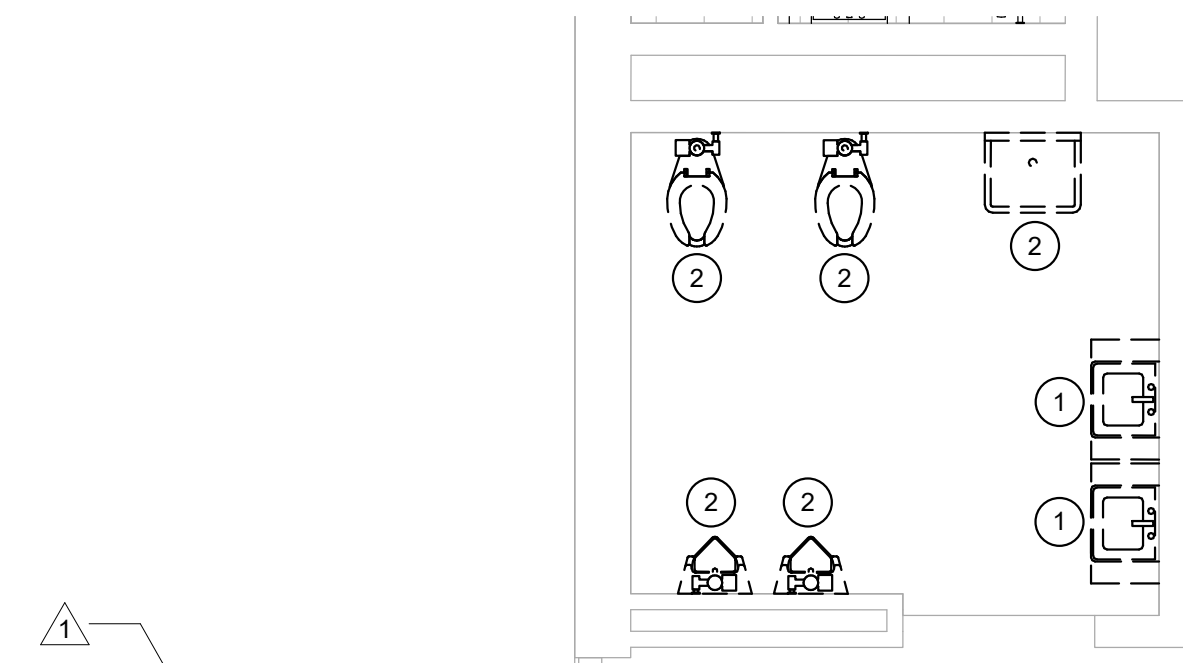
5 ENLARGED PLUMBING DEMOLITION PLAN - RESTROOM 210  
 PD2.01R1 1/4" = 1'-0"

## ○ PLUMBING DEMOLITION KEY NOTES

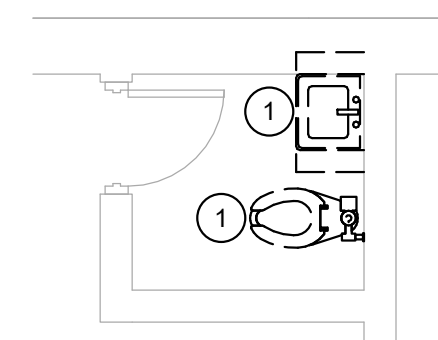
1. REMOVE EXISTING PLUMBING FIXTURE. ALL EXISTING PIPING TO REMAIN AND BE REUSED. VERIFY EXISTING PLUMBING PIPING IS IN GOOD WORKING ORDER AND REPLACE ALL PIPING NOT IN GOOD WORKING ORDER.
2. REMOVE EXISTING PLUMBING FIXTURE AND ALL ASSOCIATED PIPING. CAP EXISXTING PIPING BACK AT MAINS.
3. REMOVE EXISTING PLUMBING FIXTURE. SEE NEW WORK PLAN FOR PIPING TO NEW FIXTURE AND REWORK EXISTING PIPING AS REQUIRED.
4. REMOVE EXISTING WATER LINE TAP, WASTE AND VENT LINES FROM WATER CLOSET THAT HAS BEEN REMOVED.
5. REMOVE EXISTING RAINWATER LEADER FROM ABOVE CEILING TO BELOW FLOOR.
6. REMOVE EXISTING PLUMBING FIXTURE AND ALL ASSOCIATED PIPING. CAP EXISXTING PIPING BACK AT MAINS. EXISTING FIXTURE TO BE RELOCATED.



ENLARGED PLUMBING DEMOLITION PLAN - RESTROOM 211  
(ALTERNATE #2)



ENLARGED PLUMBING DEMOLITION PLAN - RESTROOM 212  
(ALTERNATE #2)



8 (ALTERNATE #3)

[illegible]

**MOUNT VIEW HIGH SCHOOL  
RESTROOM RENOVATIONS**  
MOUNT VIEW HIGH SCHOOL  
WELCH, WV  
Issue Date

Project Status

DRAWN: DEB      DATE: 10/13/21  
CHECKED: KES      DATE: 10/13/21  
APPROVED: THG      DATE: 10/13/21

PROJECT No. 060-10246

## ENLARGED RESTROOM DEMOLITION PLUMBING PLANS

PD2.01R1