

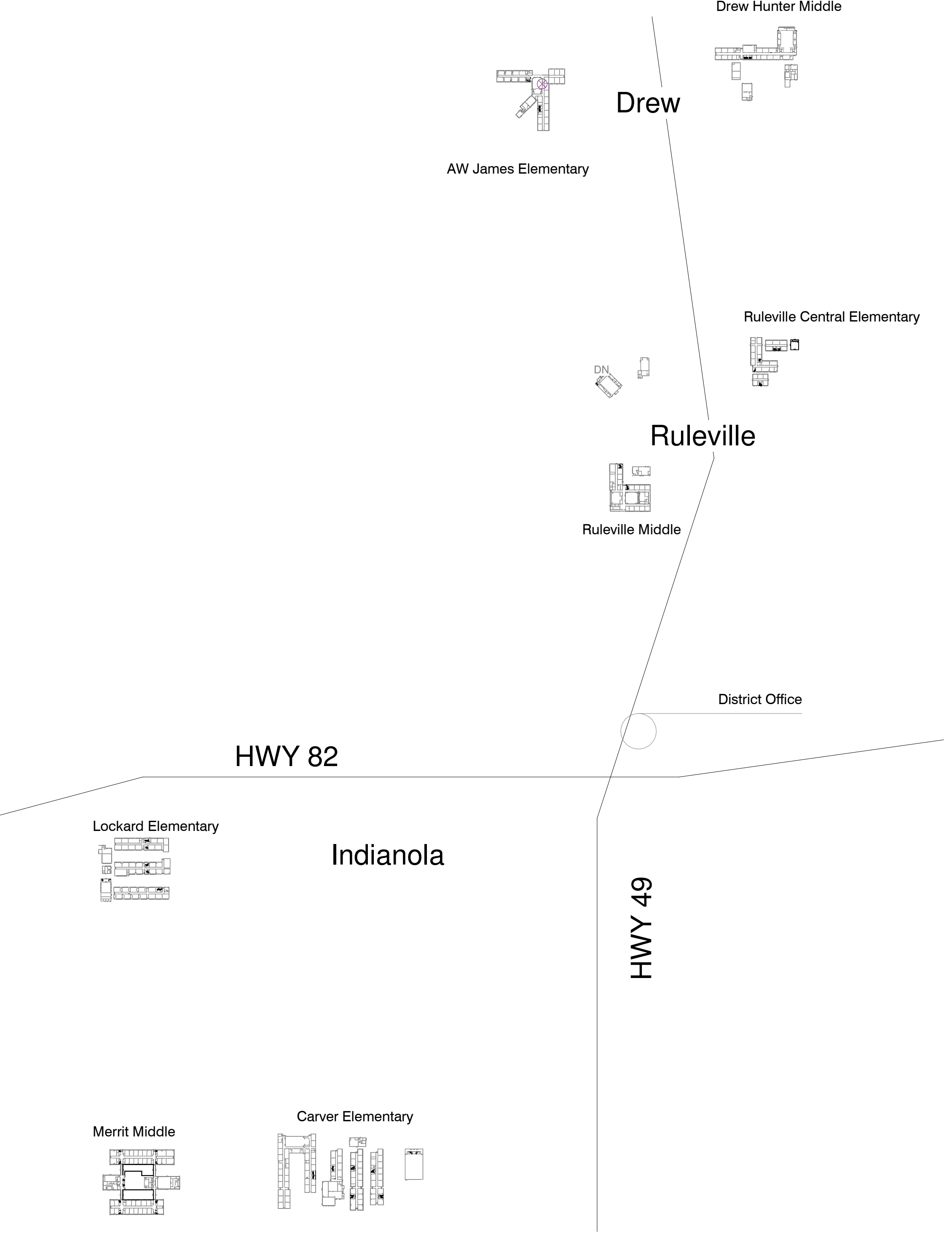


Sunflower Consolidated School District ESSER 2&3 Phase I

196 Martin Luther King Dr N,
Indianola, MS 38751

DBA PN: 21027
Construction Documents
2/2/2021

Owner Sunflower Consolidated School District
Architect Dale | Bailey, an Association
Structural Structural Design Group
Mechanical GSK Mechanical, Inc.
Electrical The Power Source, PLLC
Civil Gardner Engineering, PA



Phase I ESSER 2&3

Project Directory

Project Information
Name: Sunflower Consolidated School District
Project #: 21027
Address: 196 Martin Luther King Dr N, Indianola, MS 38751

Client
Sunflower Consolidated School District
196 Martin Luther King Dr N
Indianola, MS 38751
(662) 887-4919

Architect
Dale | Bailey, an Association
One Jackson Place / Suite 250
188 East Capitol Street
Jackson, MS 39201-2100

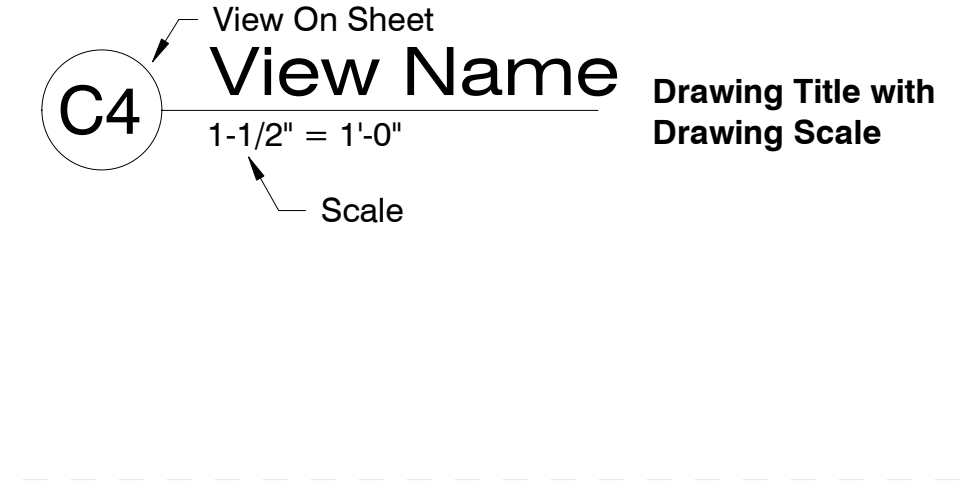
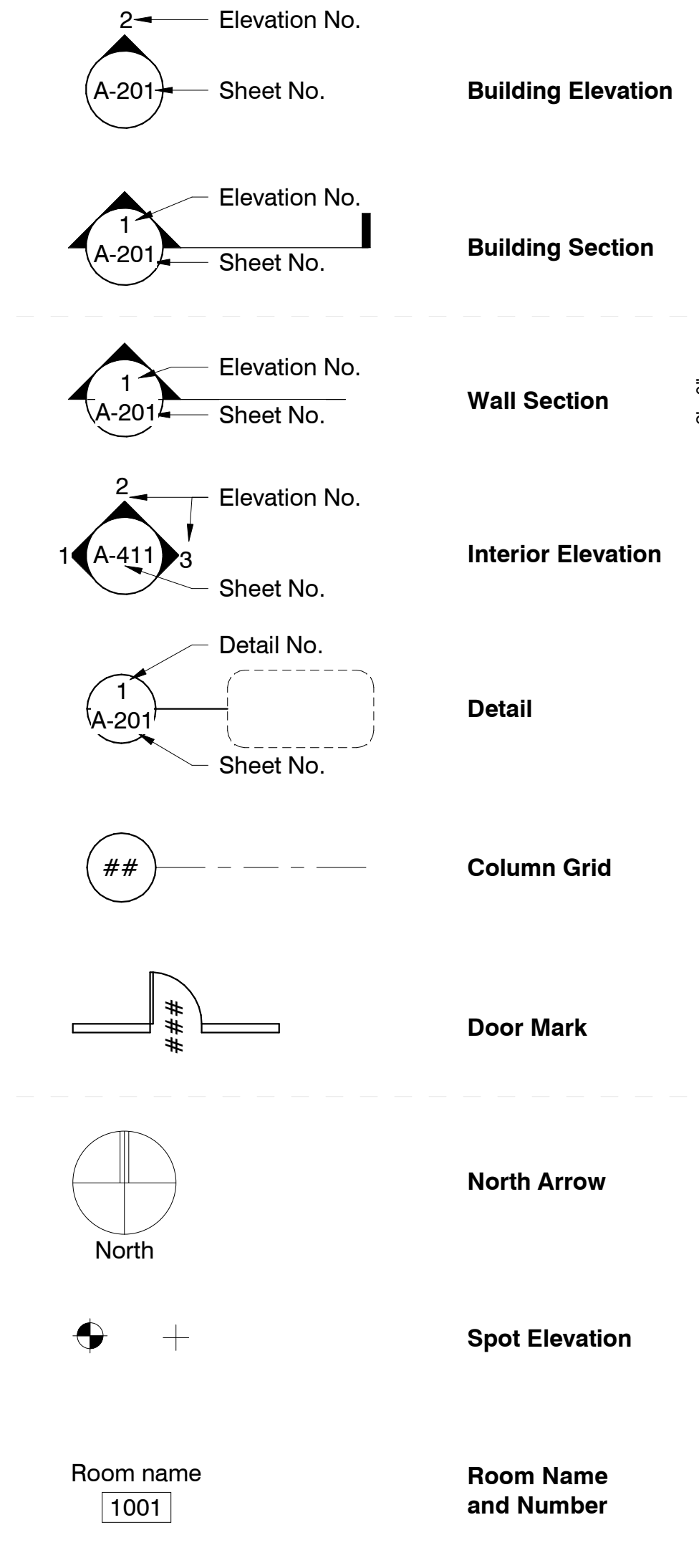
Fire Protection, Plumbing, & Mechanical
GSK Mechanical, Inc.
201 Park Ct, Ridgeland, MS 39157
(601) 605-2930

Electrical
The Power Source, PLLC
945 Madison Ave, Madison, MS 39110
Contact: Freddie Borganelli

Civil Engineering
Gardner Engineering, P.A.
216 Second St., Indianola, MS 38751
(662) 887-1862

Structural Engineering
Structural Design Group
220 Great Circle Road, Suite 106, Nashville, TN 37228
(615) 255-5537

Graphic Symbols



General Project Notes

- Project Alternates
1. Ruleville Elementary Multi-Purpose Building New Construction
2. Ruleville Elementary Window Rehabilitation
3. Lockard Elementary Hardware & Fenestrations
4. All Sites - Remove All Radiant Heaters & Repair Finishes
5. All Sites - Remove All Remaining & Discontinued Heating System Piping

- Project Phasing Requirements
1. N/A

- Energy Code Requirements
1. IBC 2021 Energy Code is the mandatory energy code standard for this project.
2. All mechanical and electrical building system installed should meet all requirements of the energy code.

- Thermal Envelope Requirements
1. Roofs = R-20 ci (insulation entirely above deck)
2. Walls = R-7.6ci (mass walls)
3. Walls = R-13 + R-7.5ci (metal framed walls)
4. Below Grade Walls = no requirement
5. Slab on Grade = no requirement

- Fenestration Requirements (U-factor)
1. Fixed = U-Factor 0.46
2. Operable = U-Factor 0.60
3. Entrances = U-Factor 0.77
4. SHGC = U-Factor 0.25

- General Information
1. Do not scale drawings. If dimensions are in question, the contractor shall be responsible for obtaining clarification from the architect before continuing with the construction
2. Contractors shall verify, on the site, all dimensions and equipment locations, and notify architect promptly in writing of any discrepancies
3. Contractors shall be responsible to determine the on site conditions and perform all necessary work to complete the project
4. Contractors shall maintain safe methods of egress for occupied buildings and in site area during construction
5. All casework dimensions shall be field verified before unit fabrication or installation
6. Dimensions, notes, finishes, and fixtures shown on typical floor plans shall apply to similar, symmetrical, or opposite hand plans, sections, or details
7. Typical, or typ., shall mean that condition is representative for similar conditions throughout, U.N.O. Details are usually keyed and noted "Typ." only one time when they first occur
8. Partitions are dimensioned from finish face U.N.O. Dimensions to masonry are to actual finish face U.N.O.
9. Owner to have right of refusal for all materials, furniture, fixtures and good within the limits of the construction contract.

General Abbreviations

Table listing abbreviations for Air Conditioning, Mechanical, Electrical, and other systems.

Table listing abbreviations for Maximum, Minimum, Miscellaneous, and other general terms.

Table listing abbreviations for Vinyl Wall Covering, West, Wood Base, Water Closet, Wood Counter Top, Width, Window, Water Heater, Water Resistant, Wainscot, etc.

Drawing Index

Table listing drawing sheets (G-001 to G-002) and their corresponding building names.

Drawing Index

Table listing drawing sheets (M-001e to M-504) and their corresponding building names.



Architects
One Jackson Place 250
188 East Capitol Street
Jackson, MS 39201
p 601.352-5411

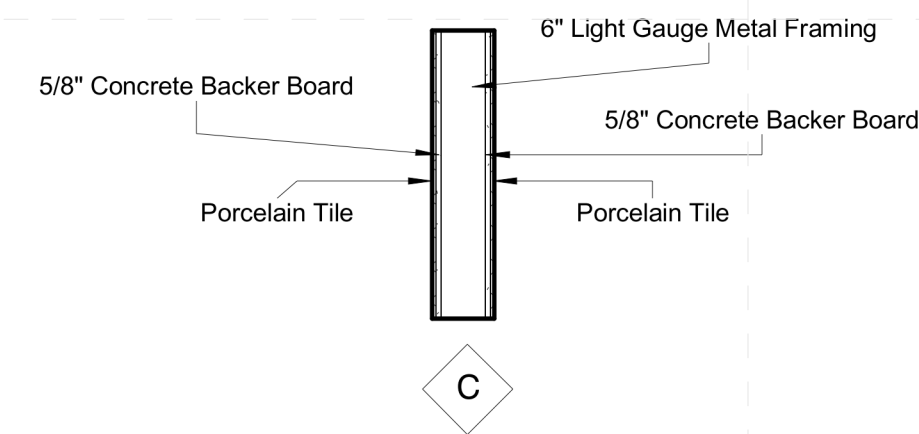
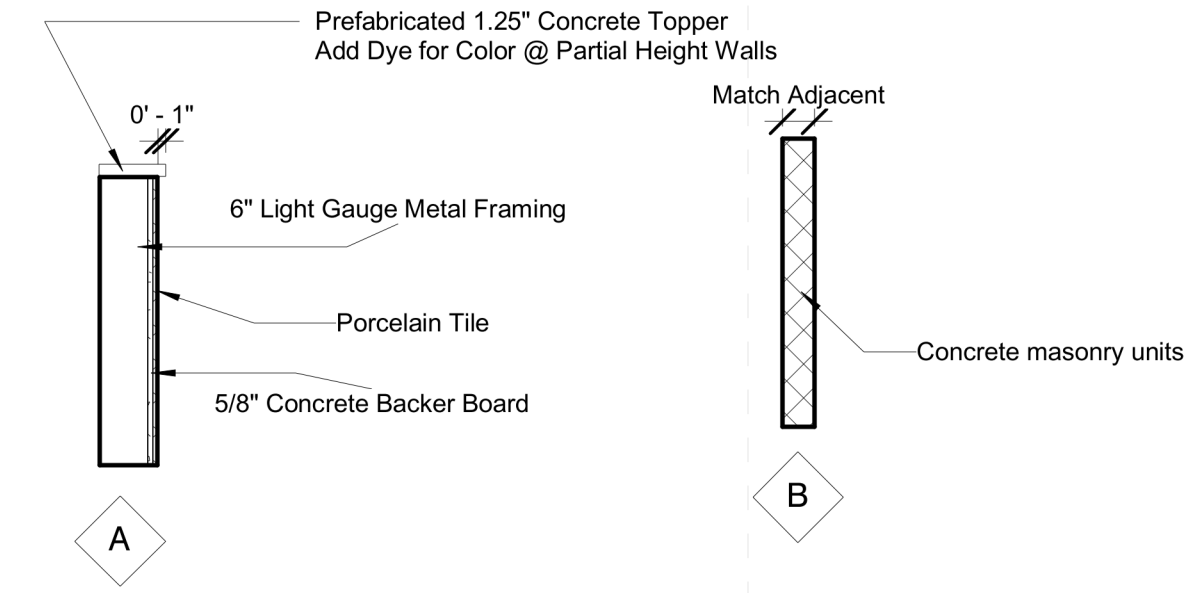


Sunflower Consolidated School District ESSER 2&3 Phase I
196 Martin Luther King Dr N, Indianola, MS 38751

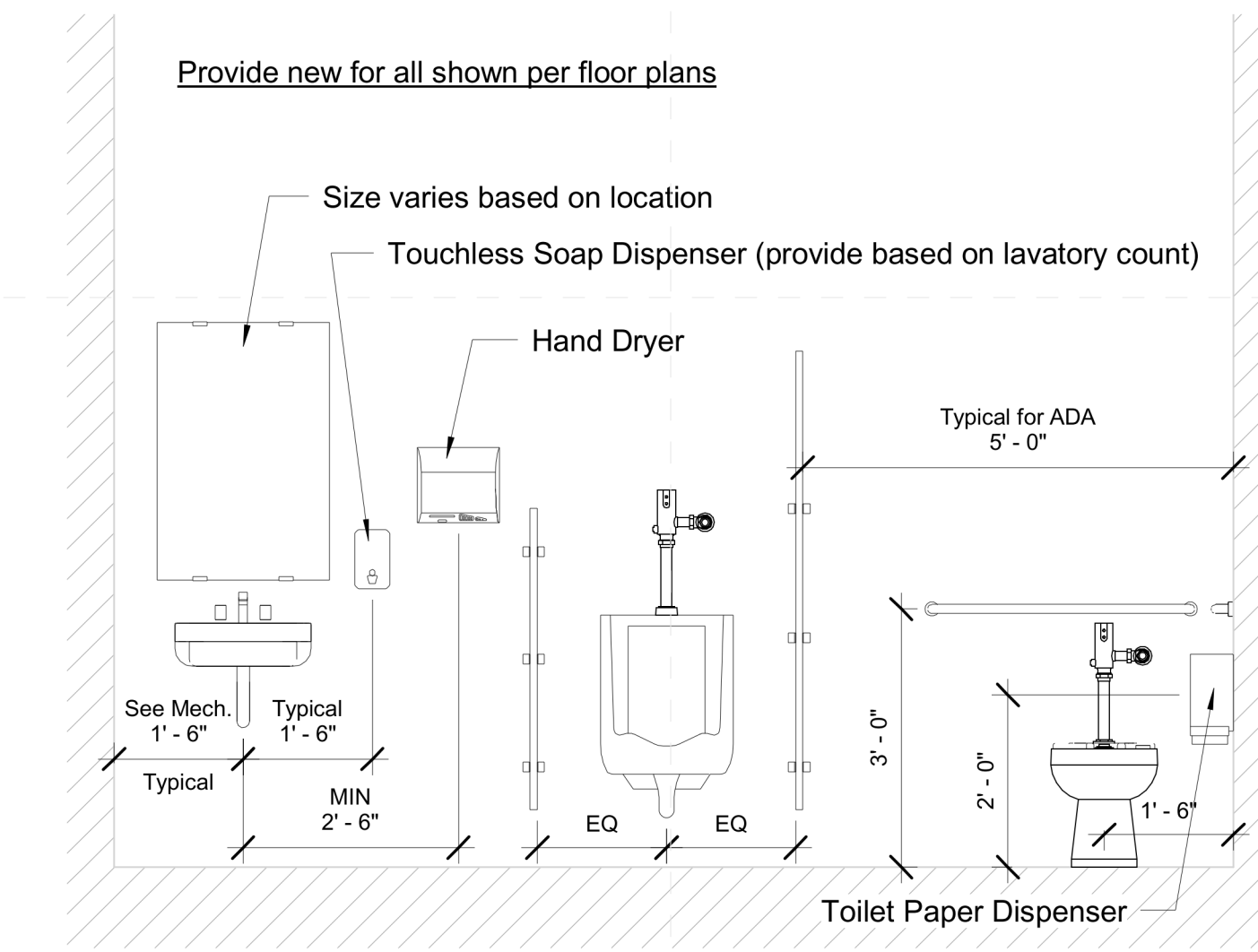
Construction Documents
Project No 21027
Date 2/2/2021
Revisions Rev Date

All School's Specific Notes

- 02 41 19 002 Dashed lines indicated extent of demoed work
- 08 11 13 002 Install new 36" HM Door and Frame with new hardware
- 08 71 00 001 Replace all door hardware with new at existing leaf
- 08 71 00 002 Fill Hinge Recessions with blank plates & paint
- 09 30 13 001 Install new floor tile; slope to floor drain if drain provided
- 10 21 13.19 001 Install new toilet partitions (typical)
- 10 28 13 001 Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
- 10 28 13 002 Install hand dryer here; coordinate with electrical & mechanical
- 22 40 00 001 New fixtures throughout (typical); see plumbing
- 22 40 00 002 New touchless fixtures throughout (typical); see plumbing
- 22 42 00 001 Coordinate new fixture installations with mechanical, typical for new
- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
- 22 42 00 003 New touchless faucet at sink/cabinet; coordinate with mechanical
- 22 47 13 001 Install double drinking fountain here; coordinate with mechanical & electrical drawings



Wall Standards
1/2" = 1'-0"



1 Typical Toilet Room Wall
1/2" = 1'-0"



Front of School



Mens 193



Womens 191



Girls 127



Boys 159

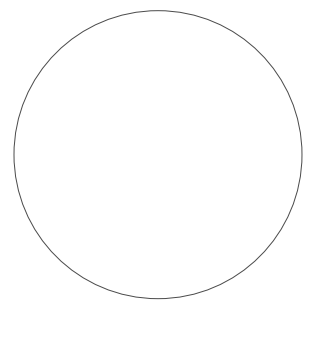
Architects

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161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409

dalebaileyplans.com



Construction Documents

Project No	21027
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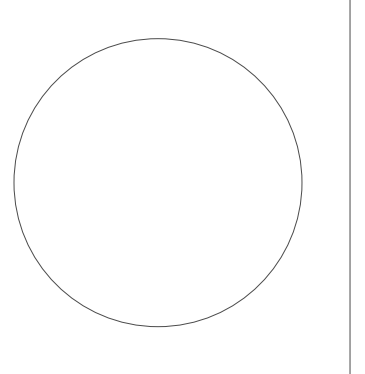
1 RCP - Demolition
1/16" = 1'-0"

General RCP Demolition Notes

1. Where ceiling transitions from new ceiling to existing ceiling, coordinate with Architect detail.
2. Remove all existing ceiling grid & tile unless noted otherwise, as well as any wall fasteners and/or mastics attached therein where shown to be replaced by new materials.
3. Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
4. Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
5. Burying or Burning of materials will not be permitted on site.
6. Repair any damage caused to building construction identified to remain.
7. Refer to other discipline drawings for additional demolition information as noted.
8. Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
9. Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
10. No work in rooms with ceiling open to the structure above, unless noted otherwise.

Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastender Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)



Sunflower Consolidated School District ESSER 2&3 Phase I
AW James Elementary: 400 South Blvd, Drew, MS 38737

Construction Documents
Project No 21027
Date 2/2/2022
Revisions Rev Date



Specific Notes

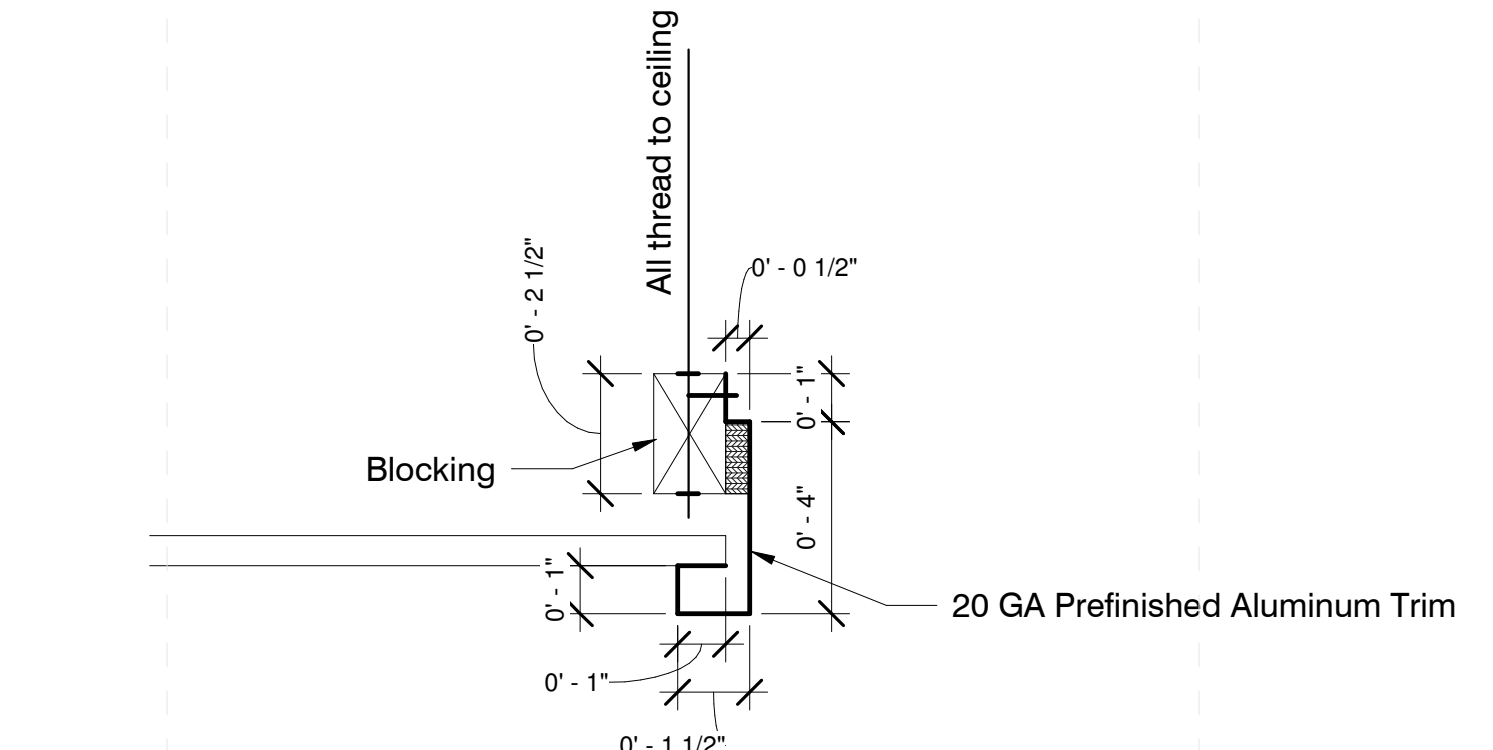
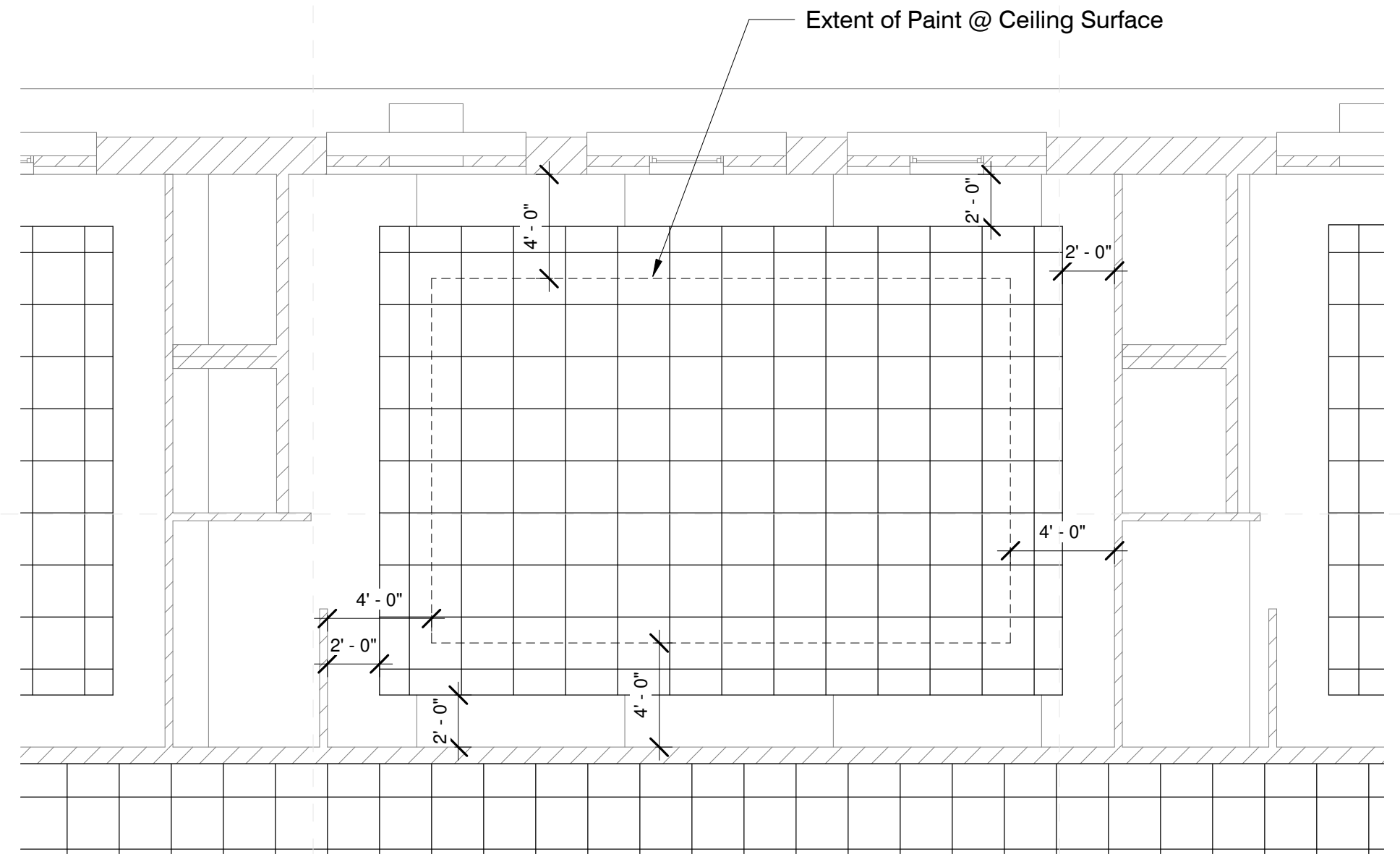
- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
- 22 42 00 003 New touchless faucet at sink/cabinet; coordinate with mechanical
- 22 47 13 001 Install double drinking fountain here; coordinate with mechanical & electrical drawings

1 Floor Plan - New Construction
1/16" = 1'-0"

1 Floor Plan - New Construction
1/16" = 1'-0"



2 Typical Ceiling @ Classrooms
3/16" = 1'-0"



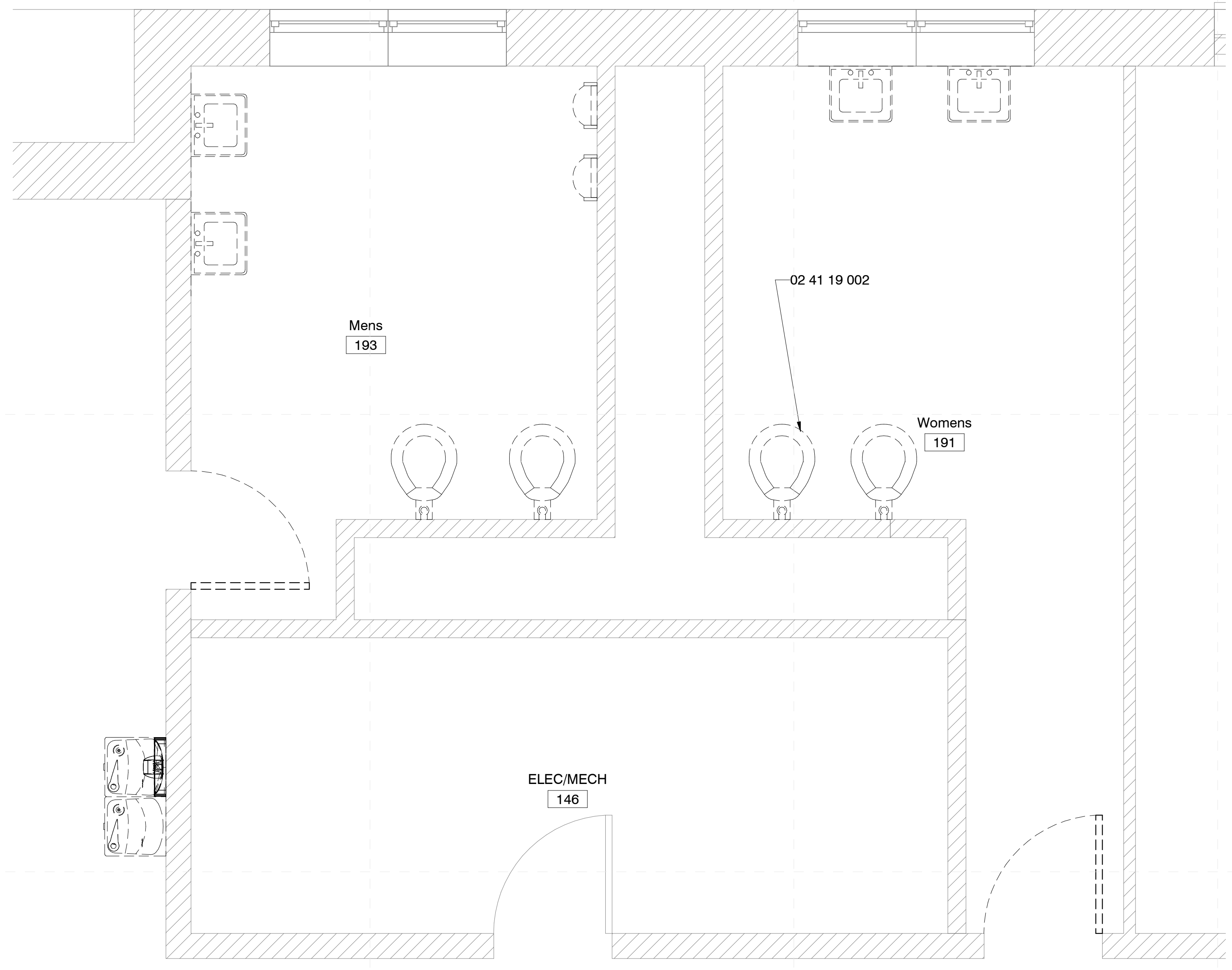
Ceiling Edge Trim Detail
3" = 1'-0"

General RCP Notes

1. Install new ceiling grid and tile throughout, unless noted otherwise. Ensure that existing hangers, if reused, are secured to substrate. Any failure of existing mounting system shall be repaired by contractor.
2. All ceiling heights shall be same as existing or lower, unless noted otherwise.
3. Contractor shall paint all surfaces above 8'-8" at wall, roof, and ceiling, as well as anything attached therein at all exposed sections of ceilings where not covered by new 2x2 ACT, unless noted otherwise.
4. Repair/replace any and all ceiling damaged due to construction activities.
5. Bent ceiling grid damaged due to construction activities shall be replaced or bent to appear as new in shape.

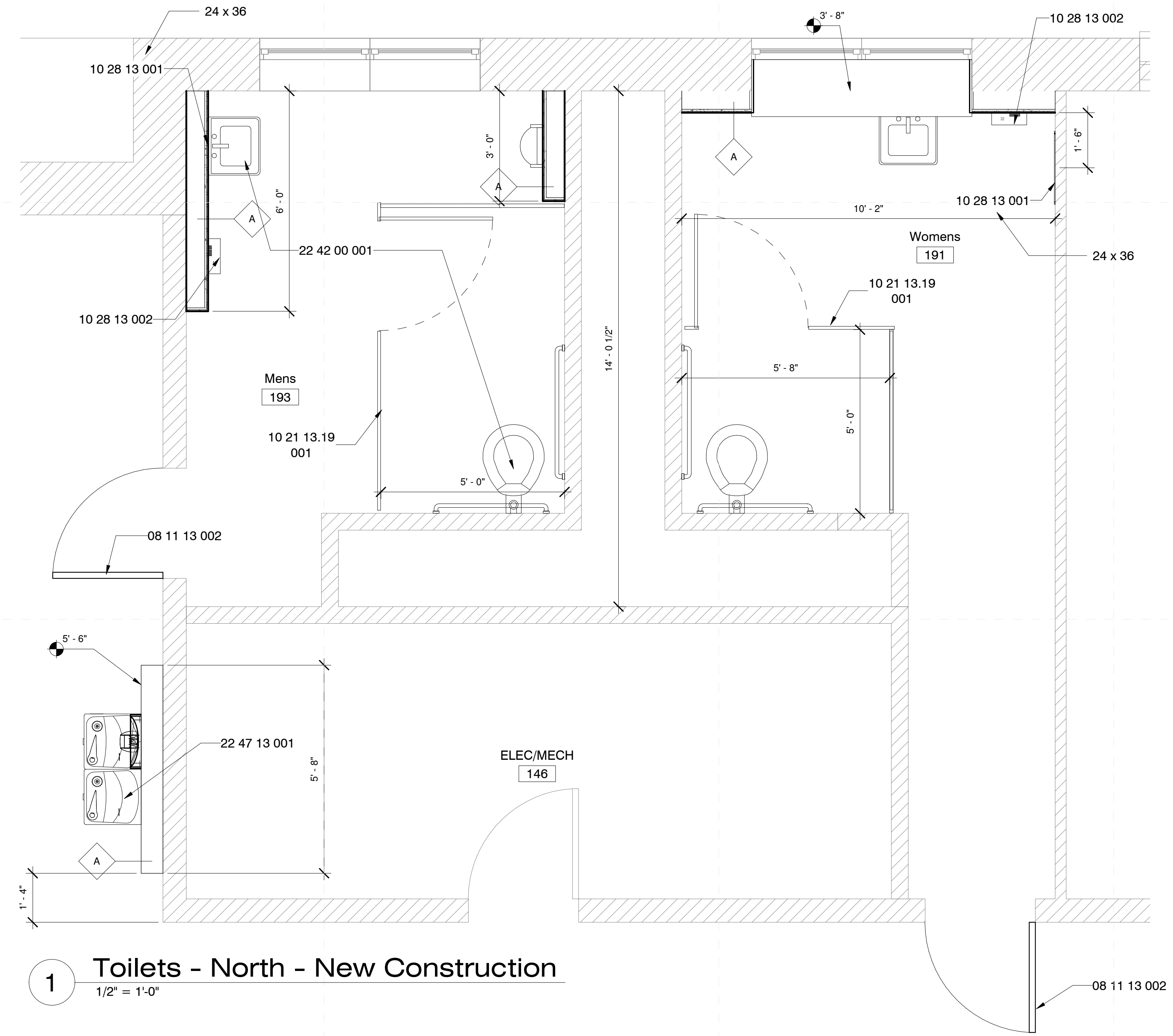
Ceiling Legend

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- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)



2 Toilets - North - Demolition

1/2" = 1'-0"



1 Toilets - North - New Construction

1/2" = 1'-0"

General RCP Demolition Notes

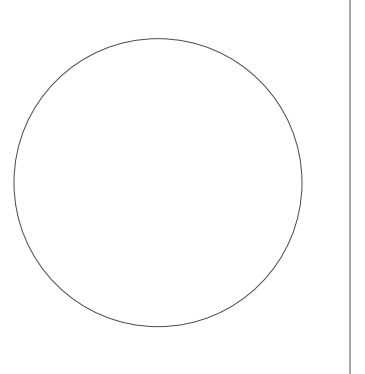
- Where ceiling transitions from new ceiling to existing ceiling, coordinate with Architect detail.
- Remove all existing ceiling grid & tile unless noted otherwise, as well as any wall fasteners and/or mastics attached therein where shown to be replaced by new materials.
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- No work in rooms with ceiling open to the structure above, unless noted otherwise.

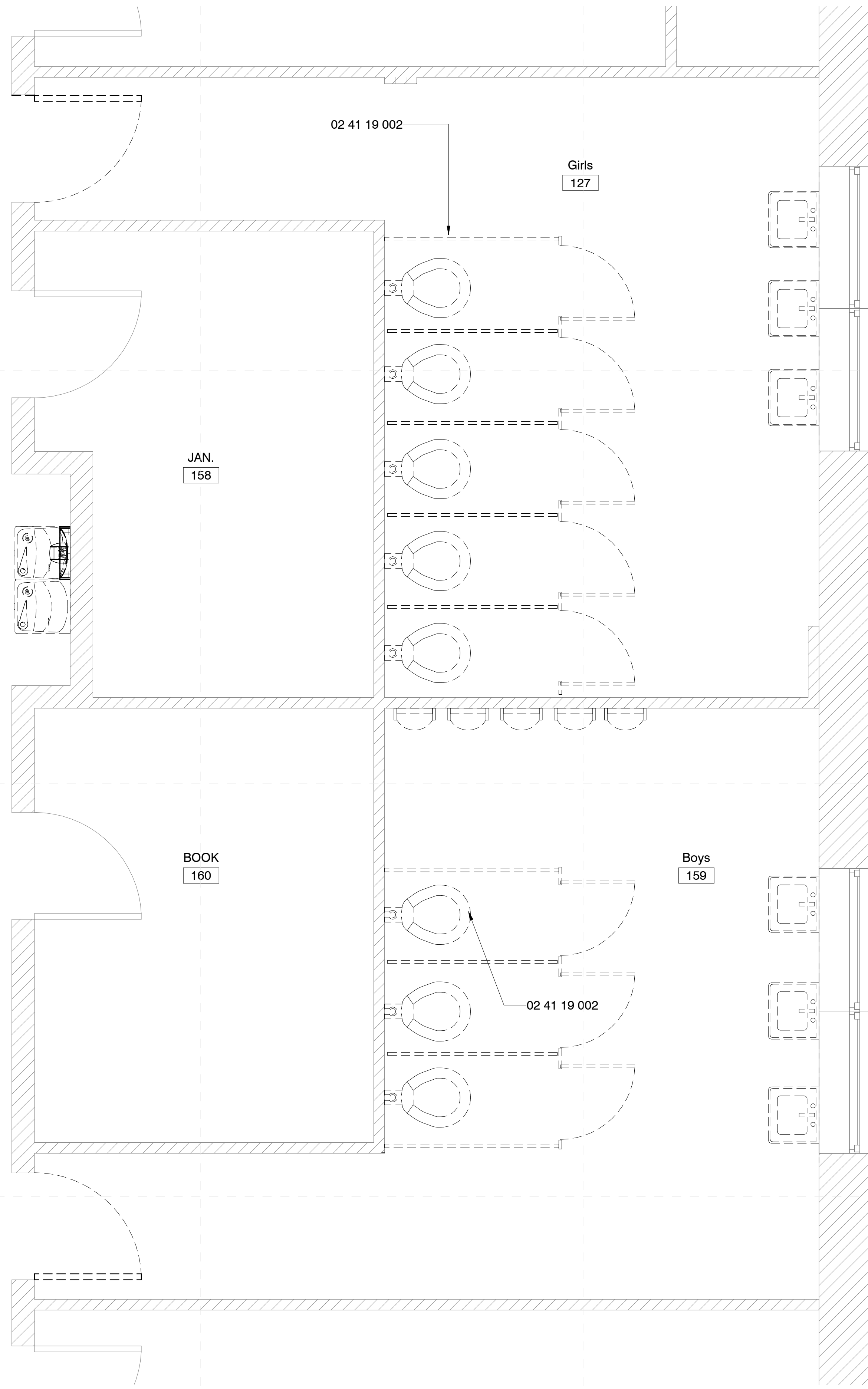
Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
08 11 13 002	Install new 36" HM Door and Frame with new hardware
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new
22 47 13 001	Install double drinking fountain here; coordinate with mechanical & electrical drawings

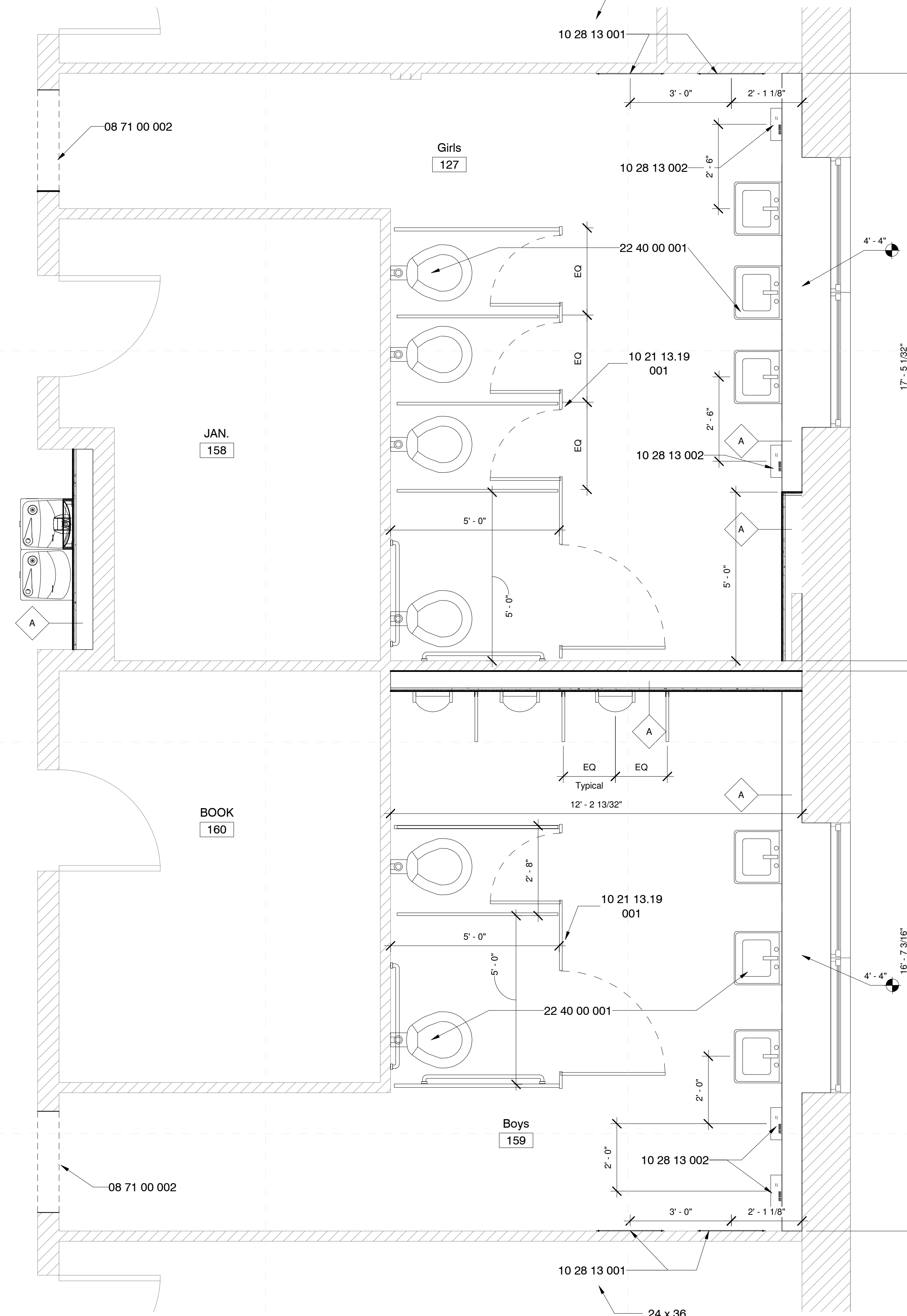
General Finish Plan Notes

- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- Install new grab bars at all ADA & AMB toilets
- Install moisture resistant back board at all new tile.
- Clean and reseal grout at floor tile.





1 Toilets - South - Demolition
1/2" = 1'-0"



2 Toilets - South - New Construction
1/2" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted.
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
08 71 00 002	Fill Hinge Recessions with blank plates & paint
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 40 00 001	New fixtures throughout (typical); see plumbing

General Finish Plan Notes

- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- Install new grab bars at all ADA & AMB toilets
- Install moisture resistant back board at all new tile.
- Clean and reseal grout at floor tile.

DALE BAILEY
AN ASSOCIATION

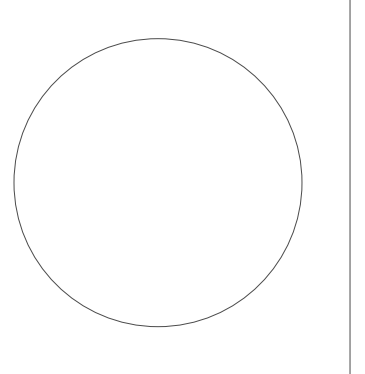
Architects

One Jackson Place 250
188 East Capitol Street
Jackson, MS 39201
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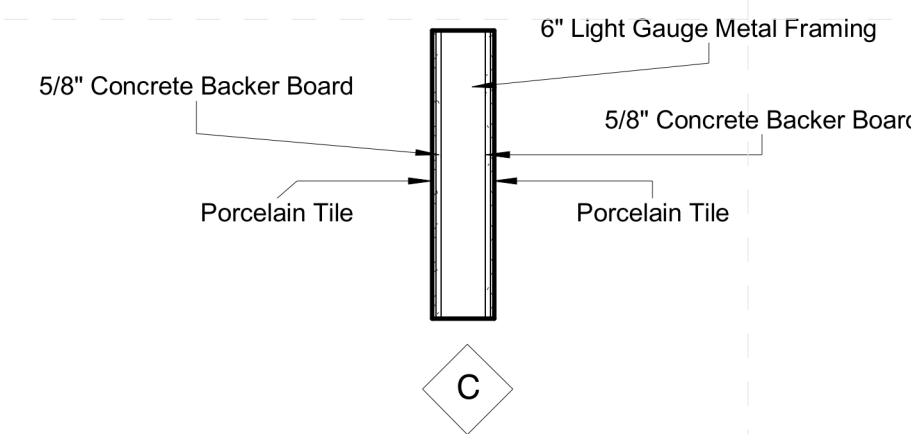
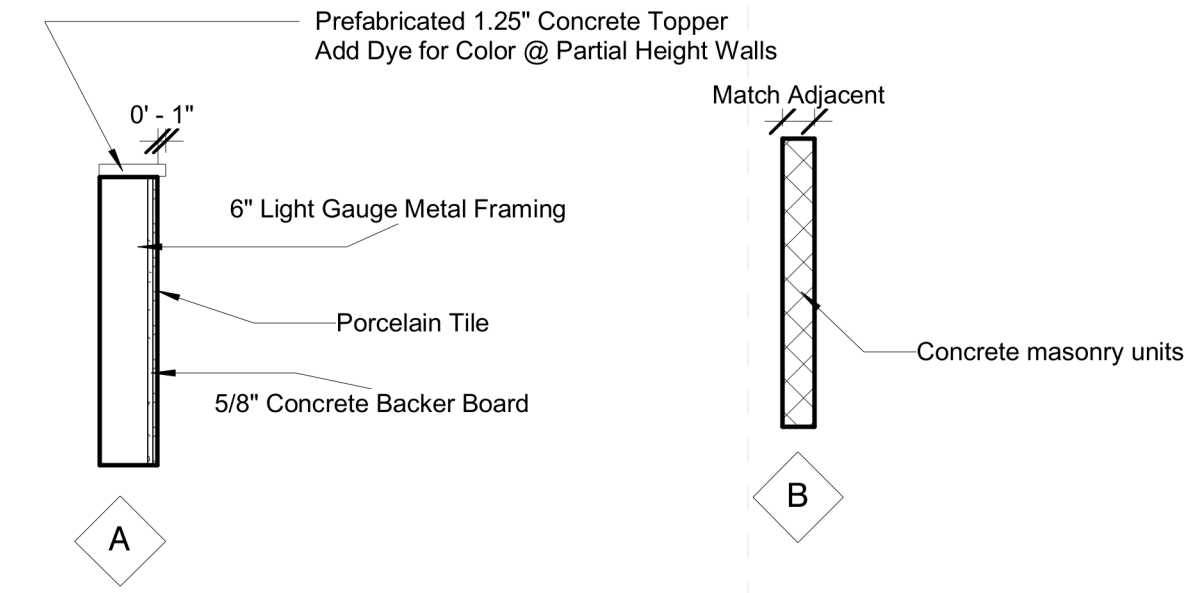
Sunflower Consolidated School District ESSER 2&3 Phase I
AW James Elementary: 400 South Blvd, Drew, MS 38737

Construction Documents

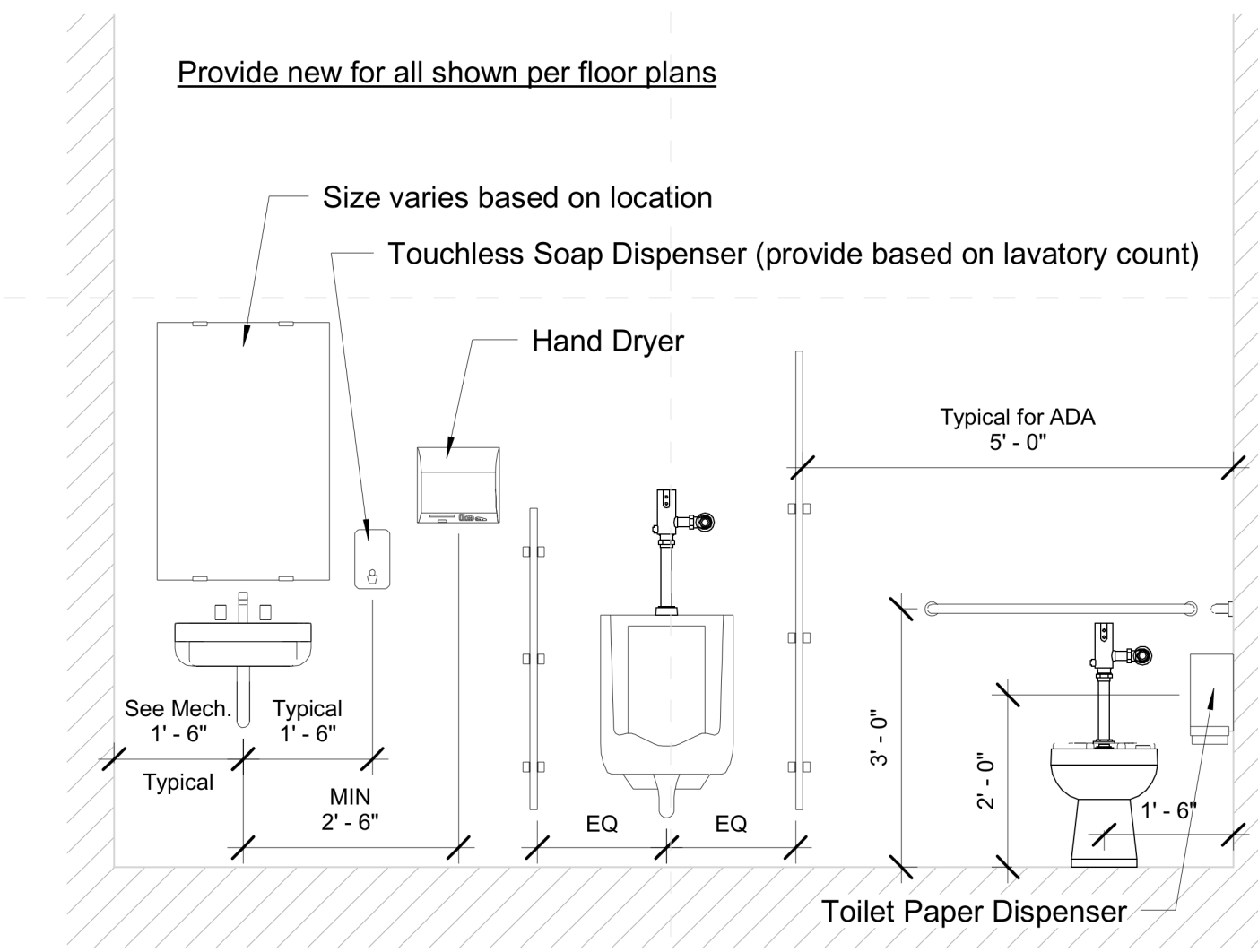
Project No	21027
Date	2/2/2022
Revisions	Rev Date

All School's Specific Notes

- 02 41 19 002 Dashed lines indicated extent of demoed work
- 02 41 19 009 Remove wood; patch and repair tile and substrate with matching
- 08 01 10 001 Remove Door Leaves; patch hinges recessions with plate covers & paint to match jamb
- 08 71 00 001 Replace all door hardware with new at existing leaf
- 09 91 23 001 Paint wall tile and CMU floor to ceiling in this room only
- 10 21 13.19 001 Install new toilet partitions (typical)
- 10 28 13 001 Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
- 10 28 13 002 Install hand dryer here; coordinate with electrical & mechanical
- 22 40 00 001 New fixtures throughout (typical); see plumbing
- 22 42 00 001 Coordinate new fixture installations with mechanical, typical for new
- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
- 22 47 13 001 Install double drinking fountain here; coordinate with mechanical & electrical drawings
- 22 47 13 002 Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings
- 22 47 13 003 Install 3 Single Drinking fountains here (center to receive bottle filler attachment); coordinate with mechanical & electrical drawings
- 22 47 13 004 Install 4 Single Drinking fountains here (every other to receive bottle filler attachment); coordinate with mechanical & electrical drawings



Wall Standards
1/2" = 1'-0"



1 Typical Toilet Room Wall
1/2" = 1'-0"



Front of School



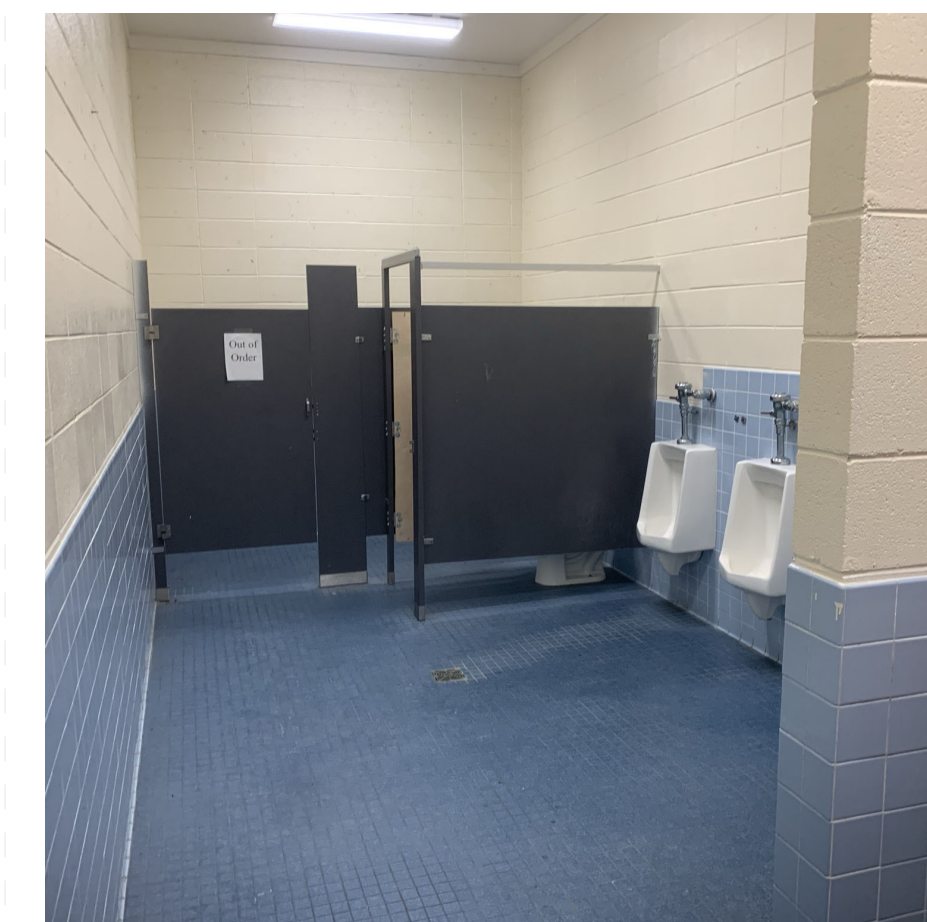
Typical Toilet Room



Typical Toilet Room



Gym Toilets



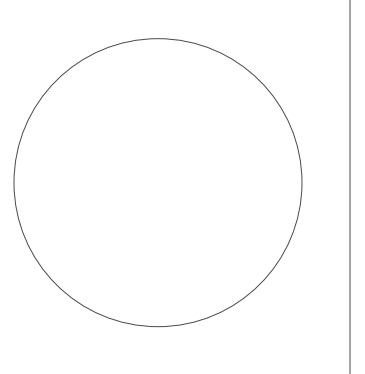
Gym Toilets

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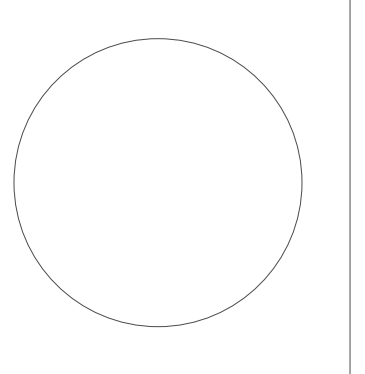
161 Lameuse St. Suite 201
Biloxi, MS 39530
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Sunflower Consolidated School District ESSER 2&3 Phase I
Carver Elementary School: 404 Jefferson St. Indianola, MS 38751

Construction Documents
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Date 2/2/2022
Revisions Rev Date

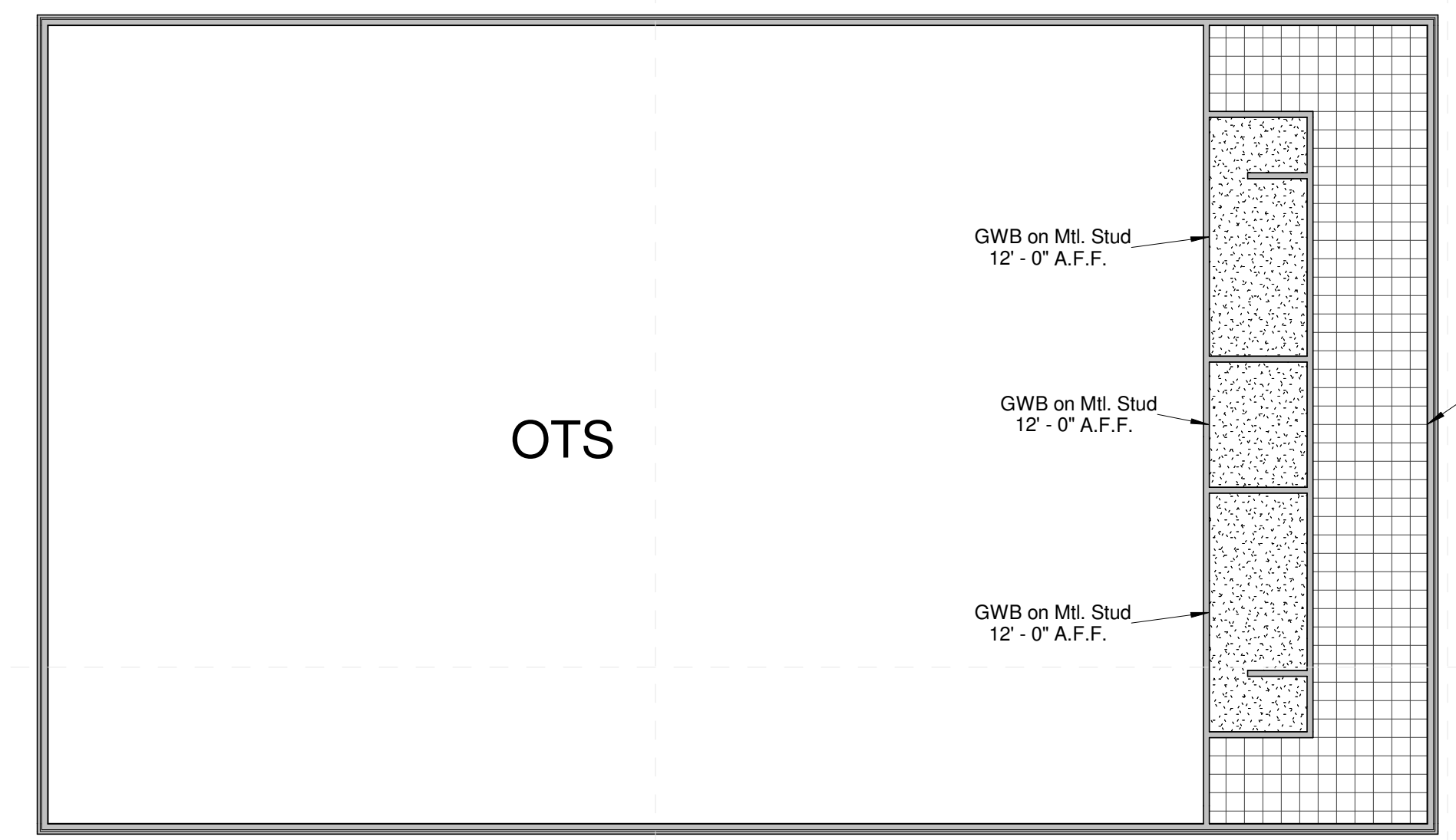
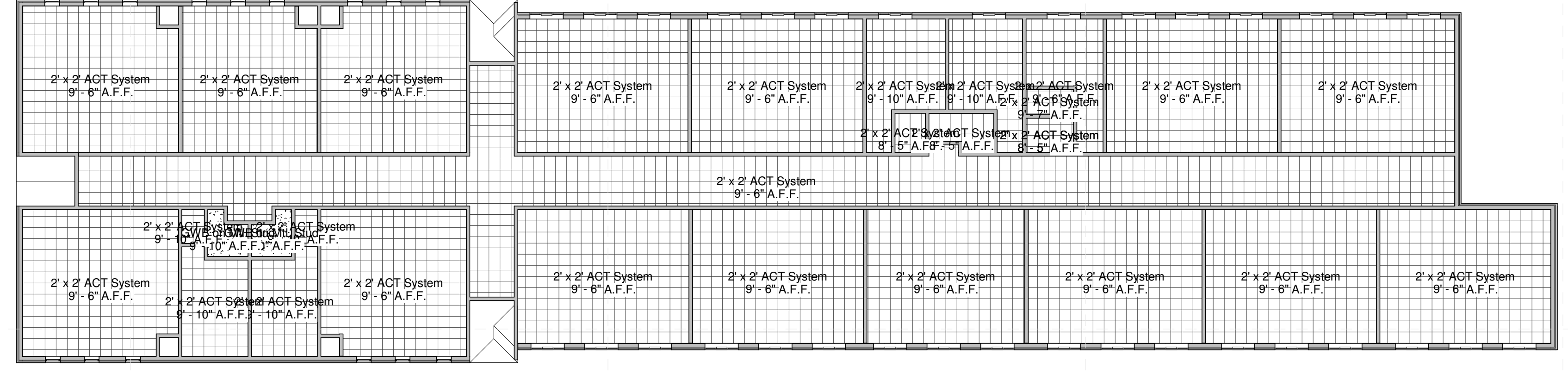
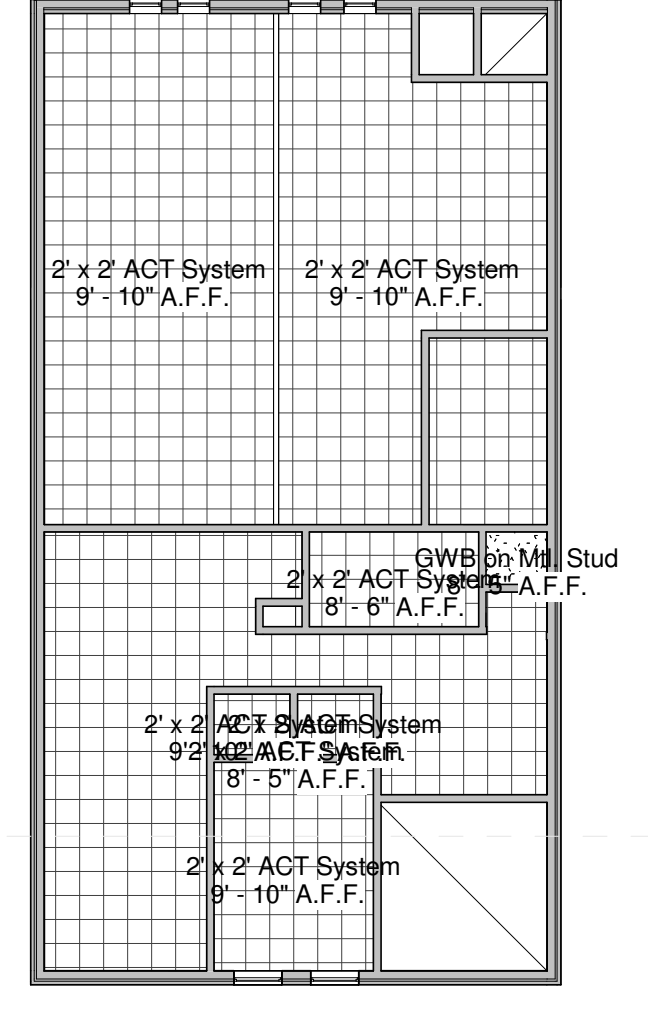
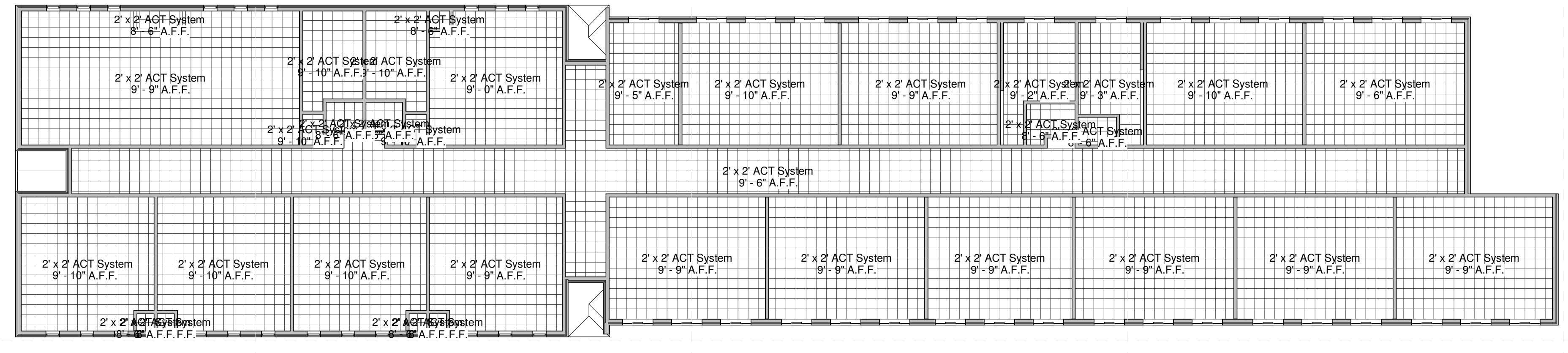


General RCP Demolition Notes

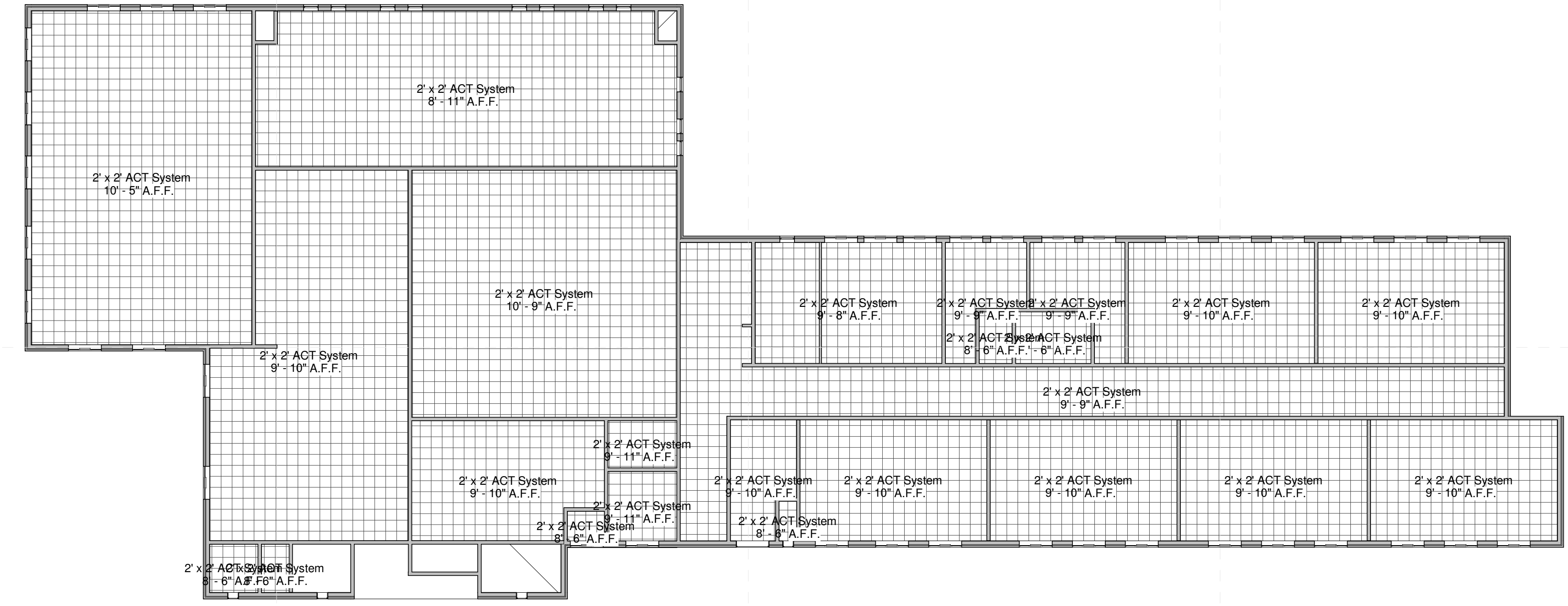
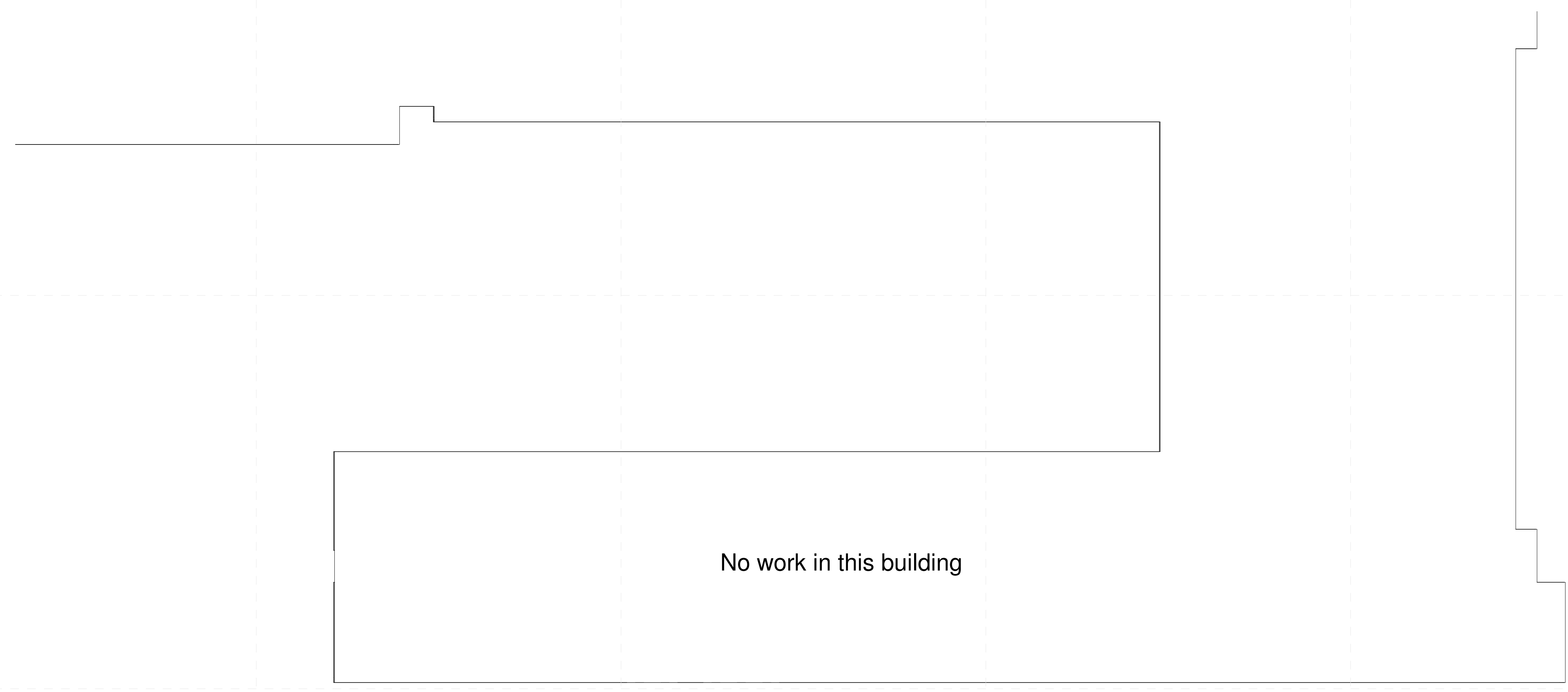
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Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastender Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)



1 East Section of School RCP - Demolition
1/16" = 1'-0"



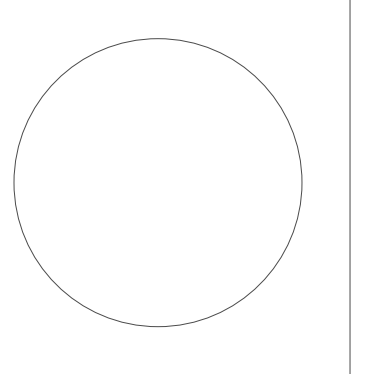
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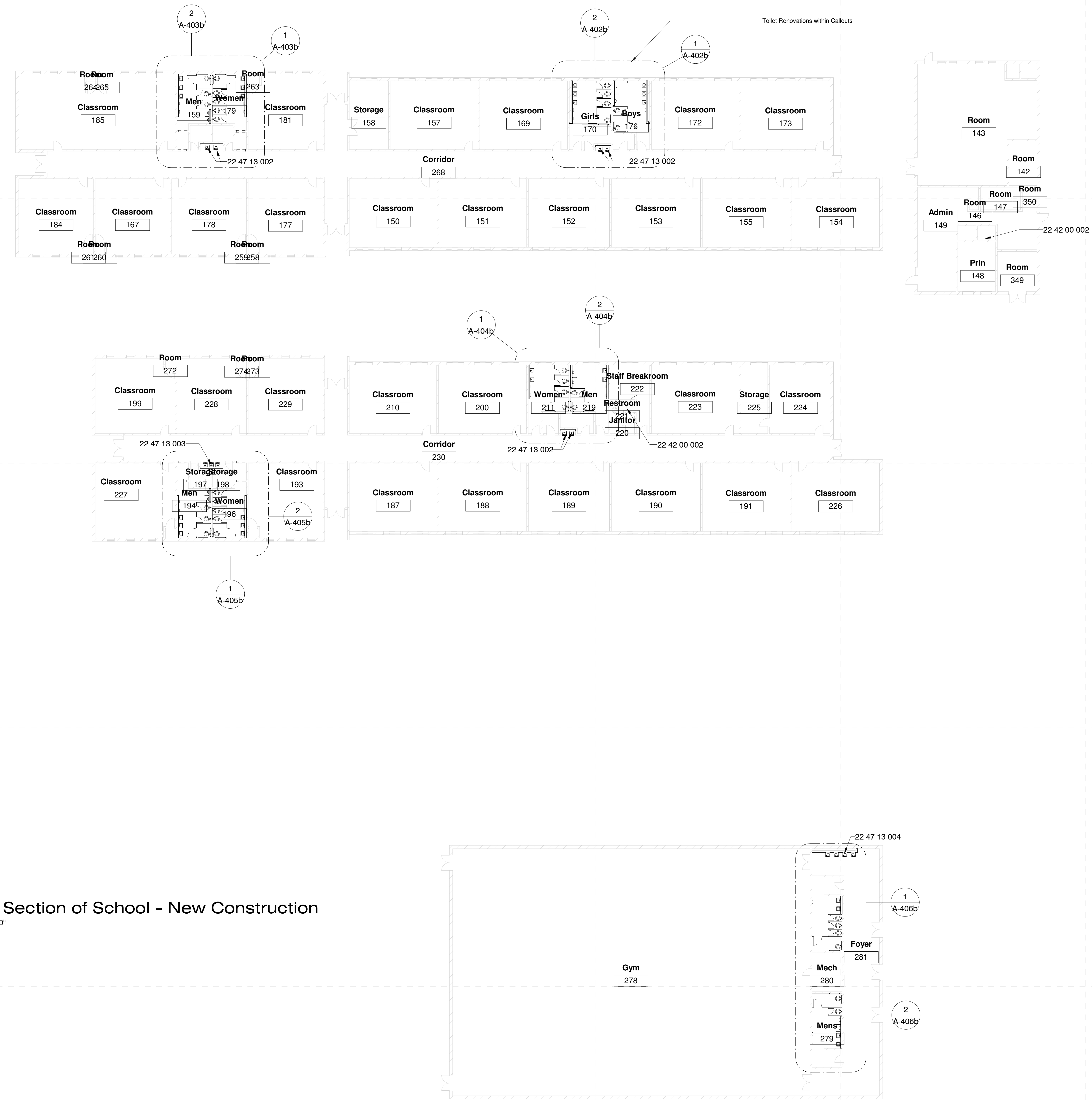
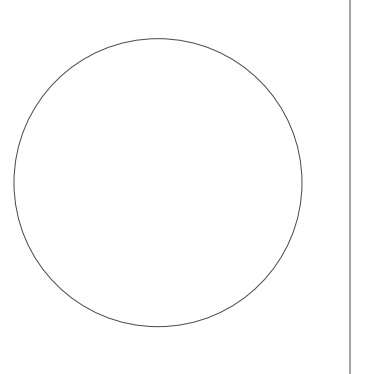
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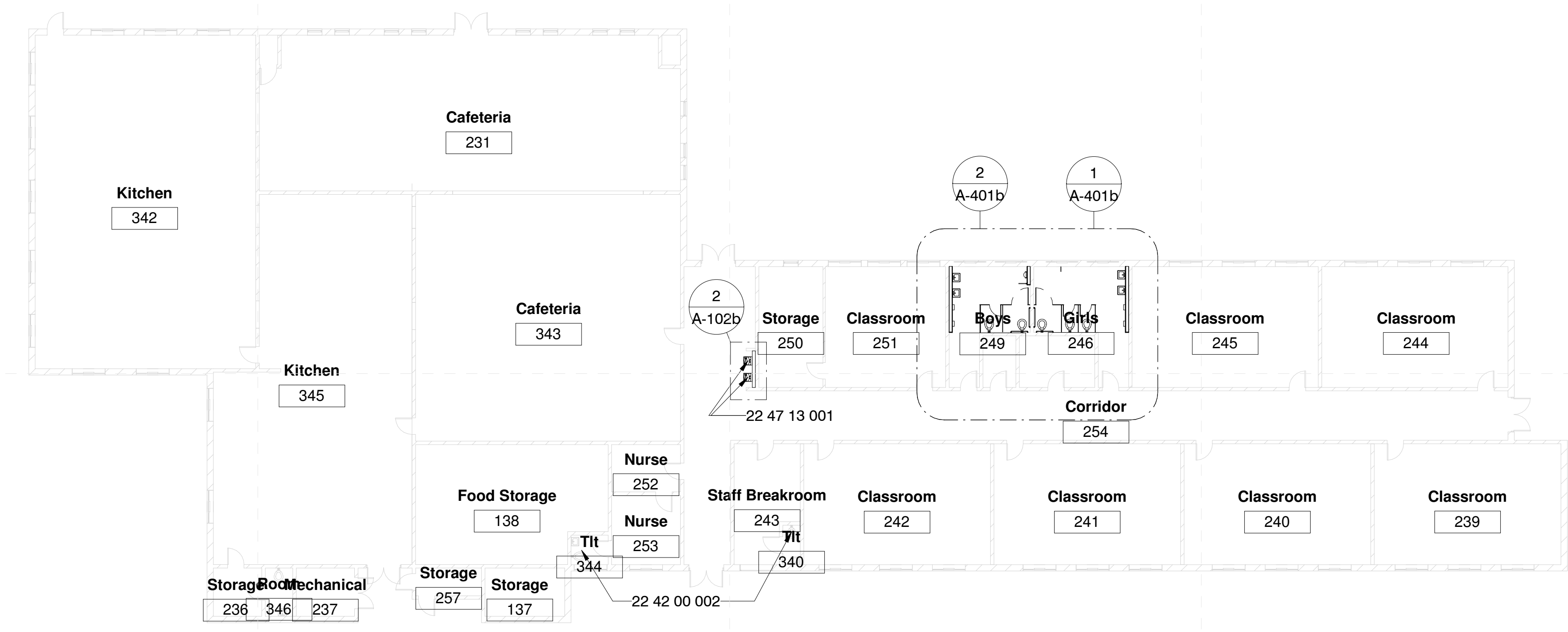
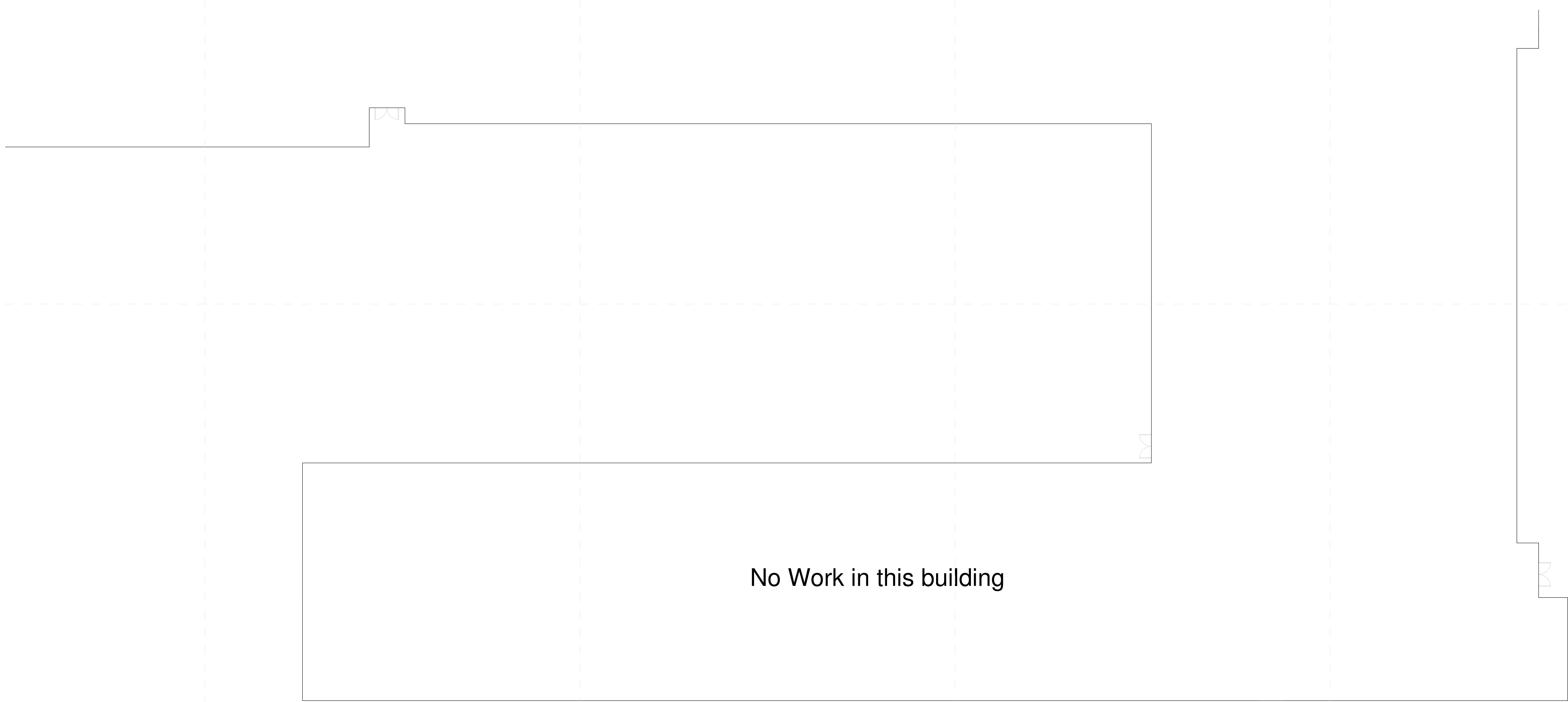
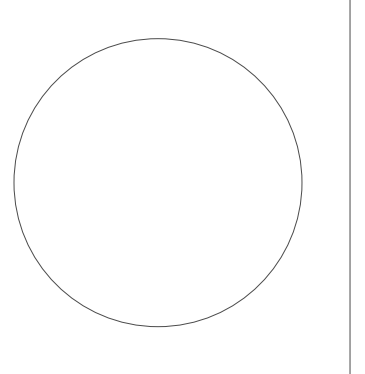
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- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)



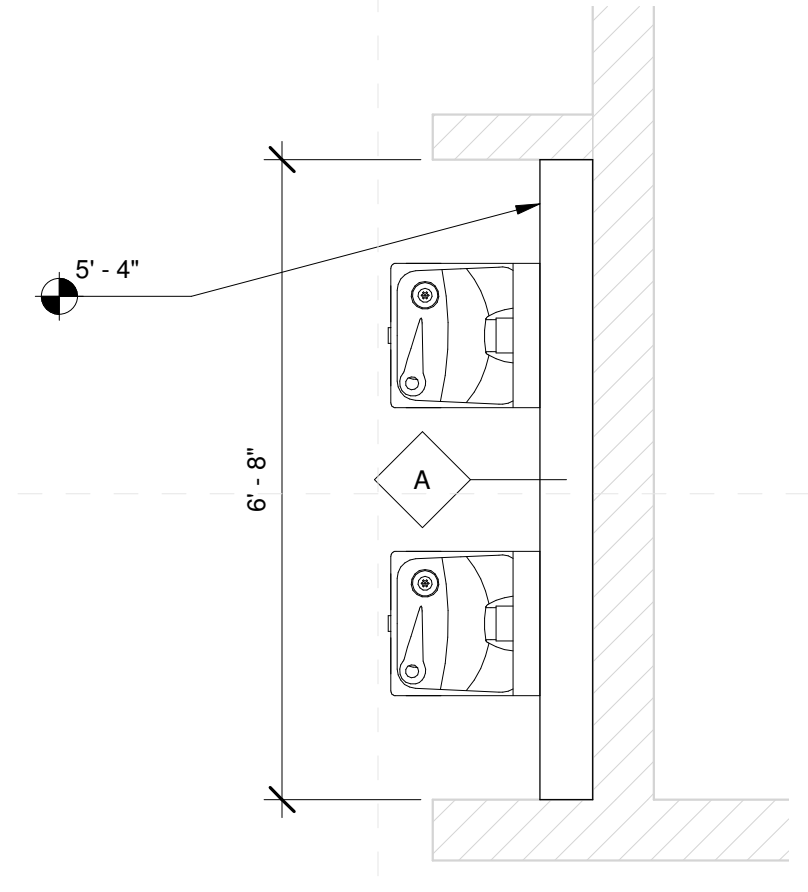


- Specific Notes**
- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
 - 22 47 13 002 Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings
 - 22 47 13 003 Install 3 Single Drinking fountains here (center to receive bottle filler attachment); coordinate with mechanical & electrical drawings
 - 22 47 13 004 Install 4 Single Drinking fountains here (every other to receive bottle filler attachment); coordinate with mechanical & electrical drawings

1 East Section of School - New Construction
1/16" = 1'-0"



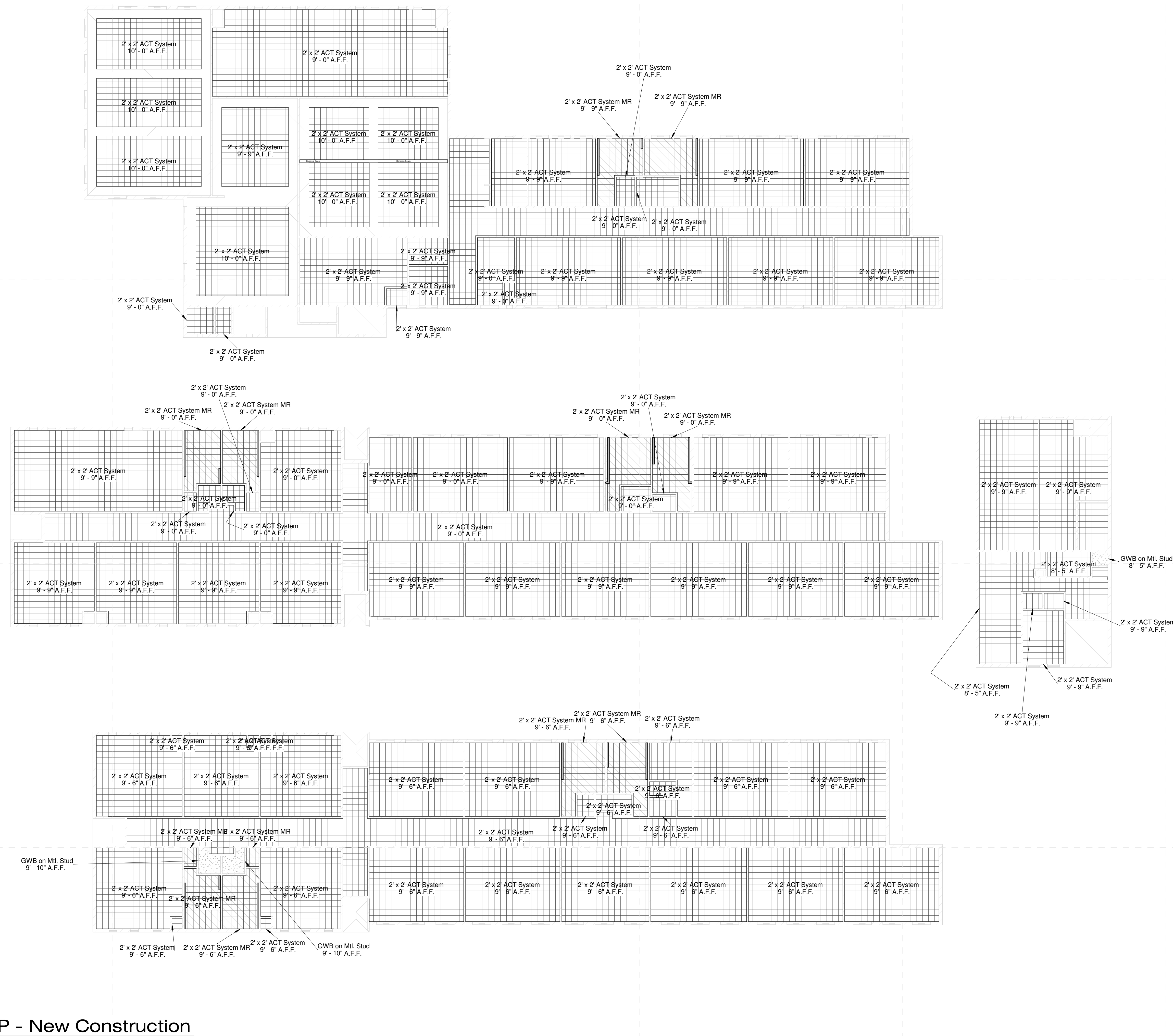
1 West Section of School - New Construction
1/16" = 1'-0"



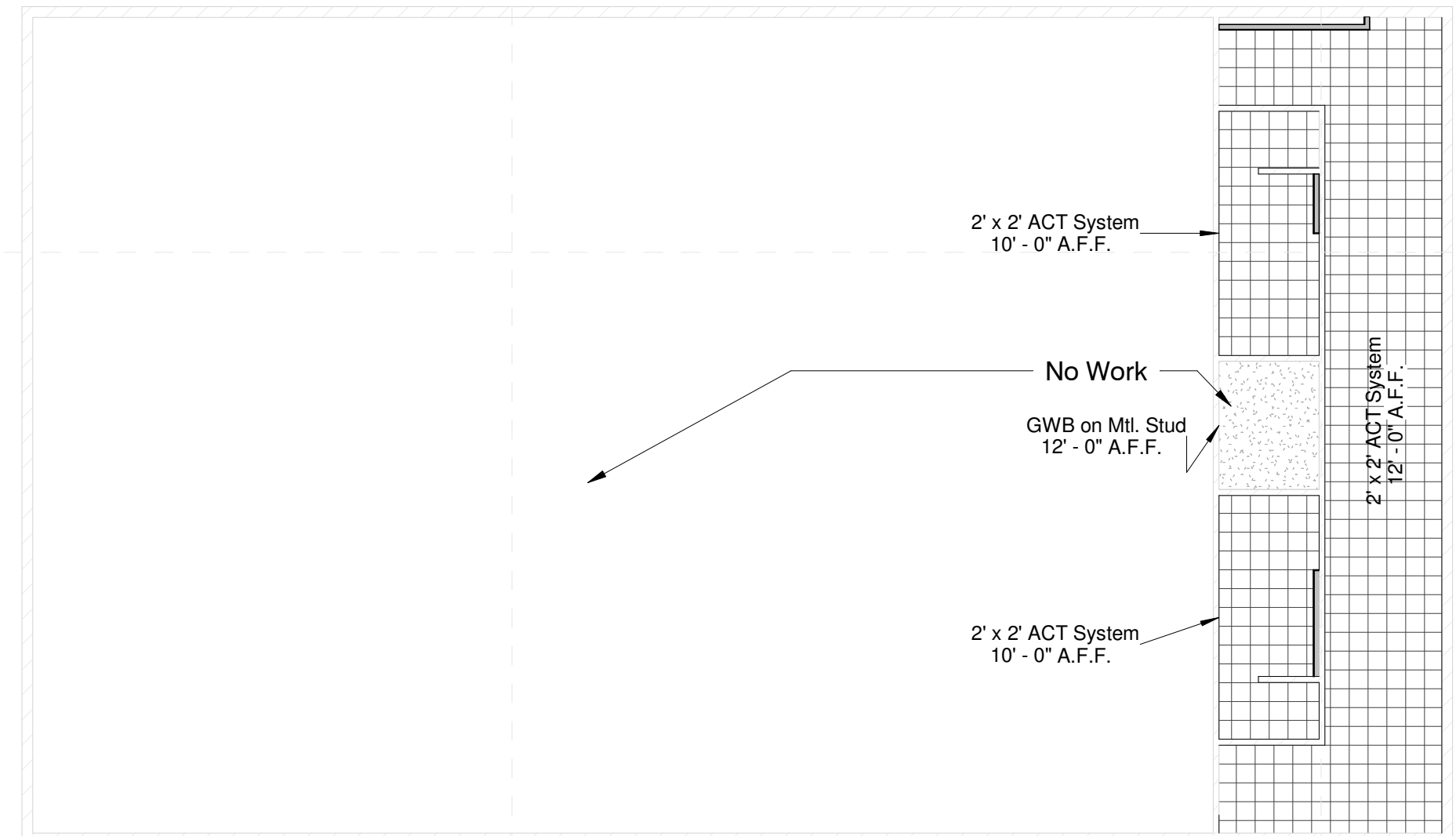
2 Fountain - West Building
1/2" = 1'-0"

Specific Notes

22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical



1 RCP - New Construction
1/16" = 1'-0"



2 RCP - New Construction Gym
1/16" = 1'-0"

General RCP Notes

1. Install new ceiling grid and tile throughout, unless noted otherwise. Ensure that existing hangers, if reused, are secured to substrate. Any failure of existing mounting system shall be repaired by contractor.
2. All ceiling heights shall be same as existing or lower, unless noted otherwise.
3. Contractor shall paint all surfaces above 10'-0" at wall, roof, and ceiling, as well as anything attached therein at all exposed sections of ceilings where not covered by new 2x2 ACT, unless noted otherwise.
4. Repair/replace any and all ceiling damaged due to construction activities.
5. Bent ceiling grid damaged due to construction activities shall be replaced or bent to appear as new in shape.

Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastender Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

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AN ASSOCIATION

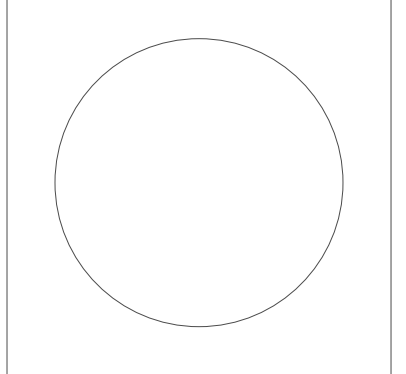
Architects

One Jackson Place 250
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161 Lameuse St. Suite 201
Biloxi, MS 39530
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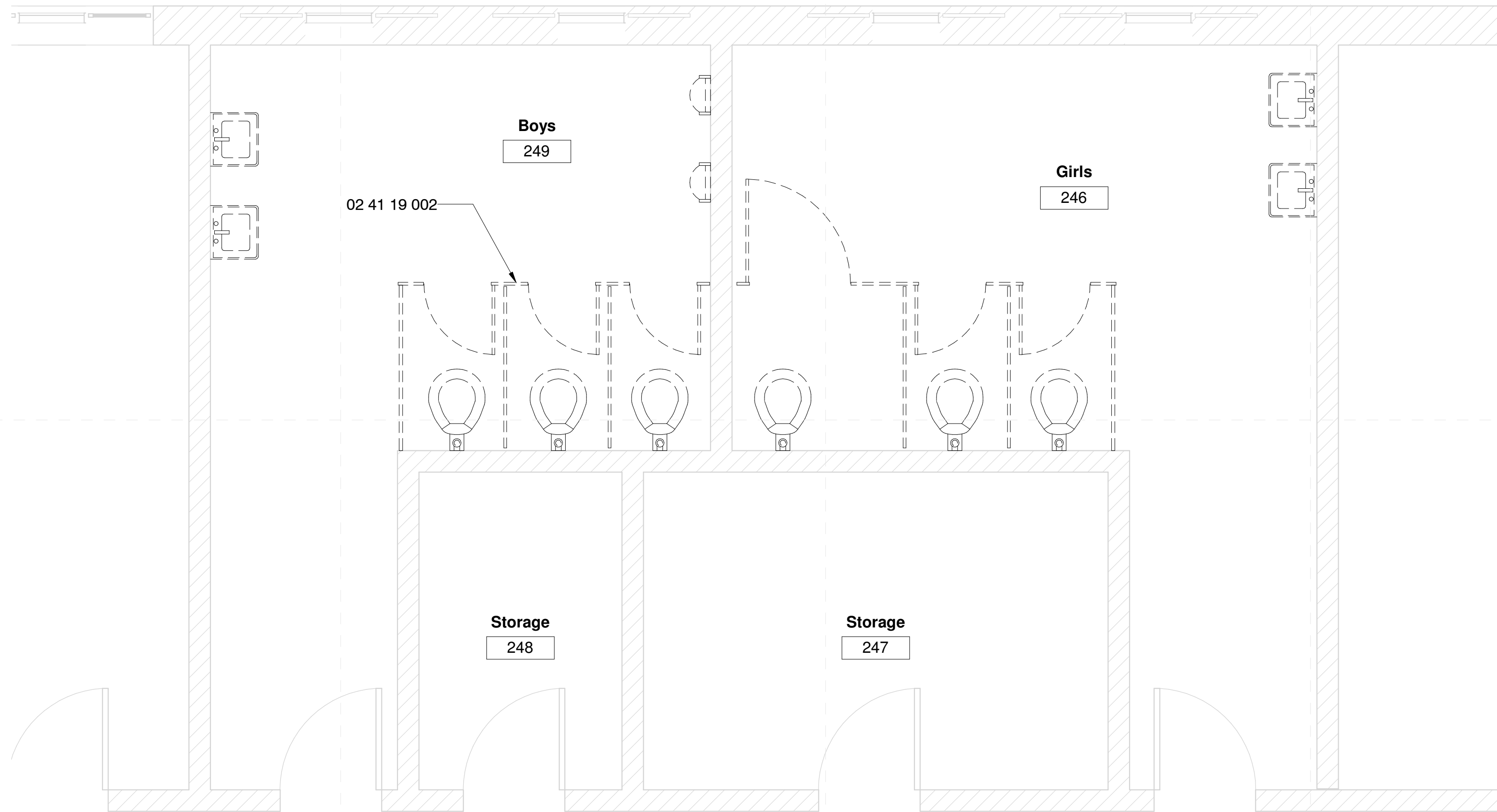
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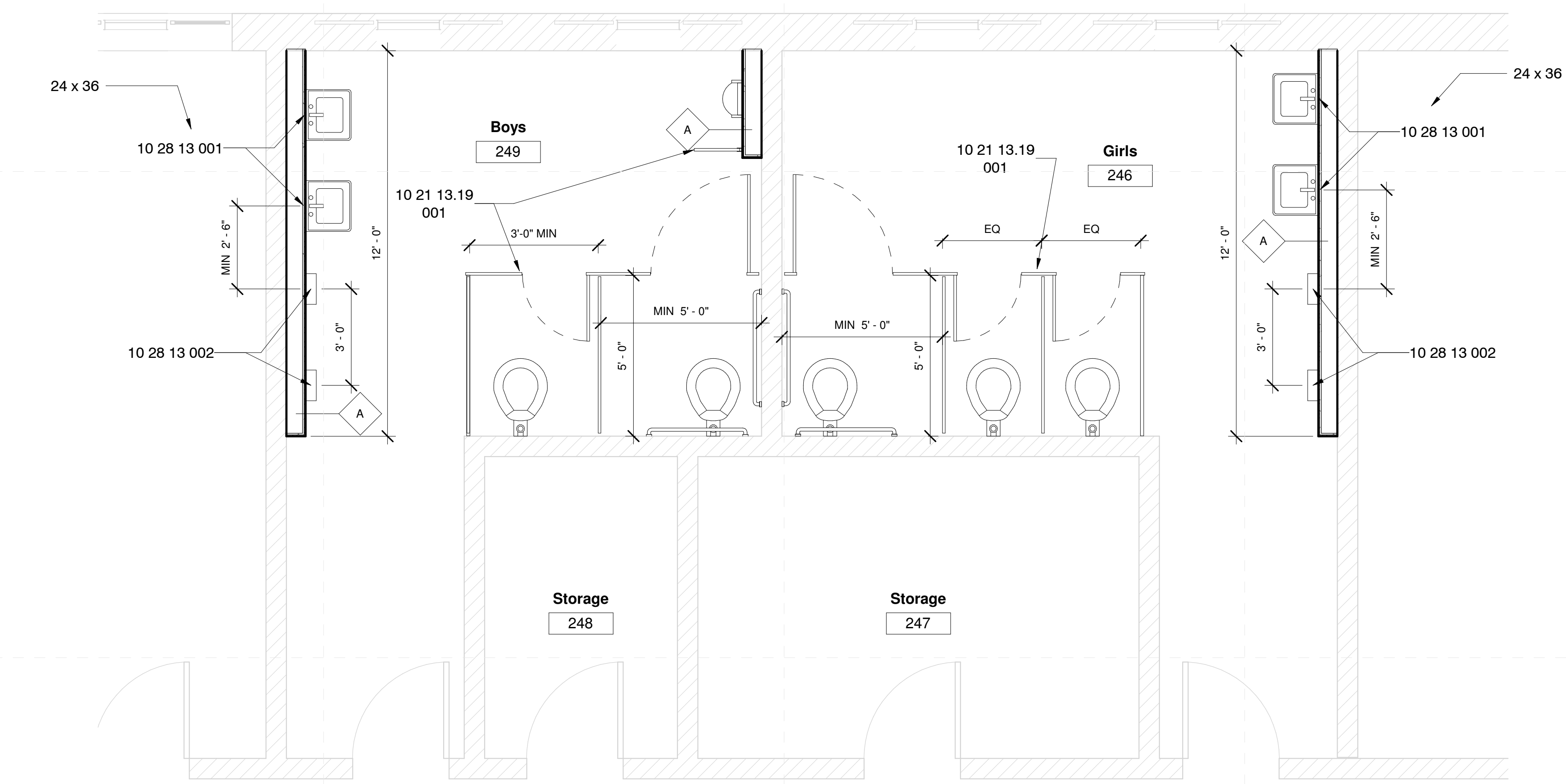
Sunflower Consolidated School District ESSER 2&3 Phase I
Carver Elementary School: 404 Jefferson St. Indianola, MS 38751

Construction Documents

Project No	21027
Date	2/2/2022
Revisions	Rev Date



2 Main Floor - Demolition - Cafe Building Toilets
3/8" = 1'-0"



1 Main Floor - New Construction - Cafe Building Toilets
3/8" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

Specific Notes

02 41 19 002	Dashed lines indicated extent of demolded work
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here: center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Paint all exposed CMU at renovated toilets.
- Paint all tile wainscot, unless otherwise noted.
- Clean floor grout and reseat.

DALE BAILEY
AN ASSOCIATION

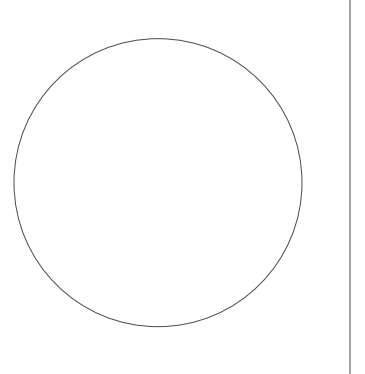
Architects

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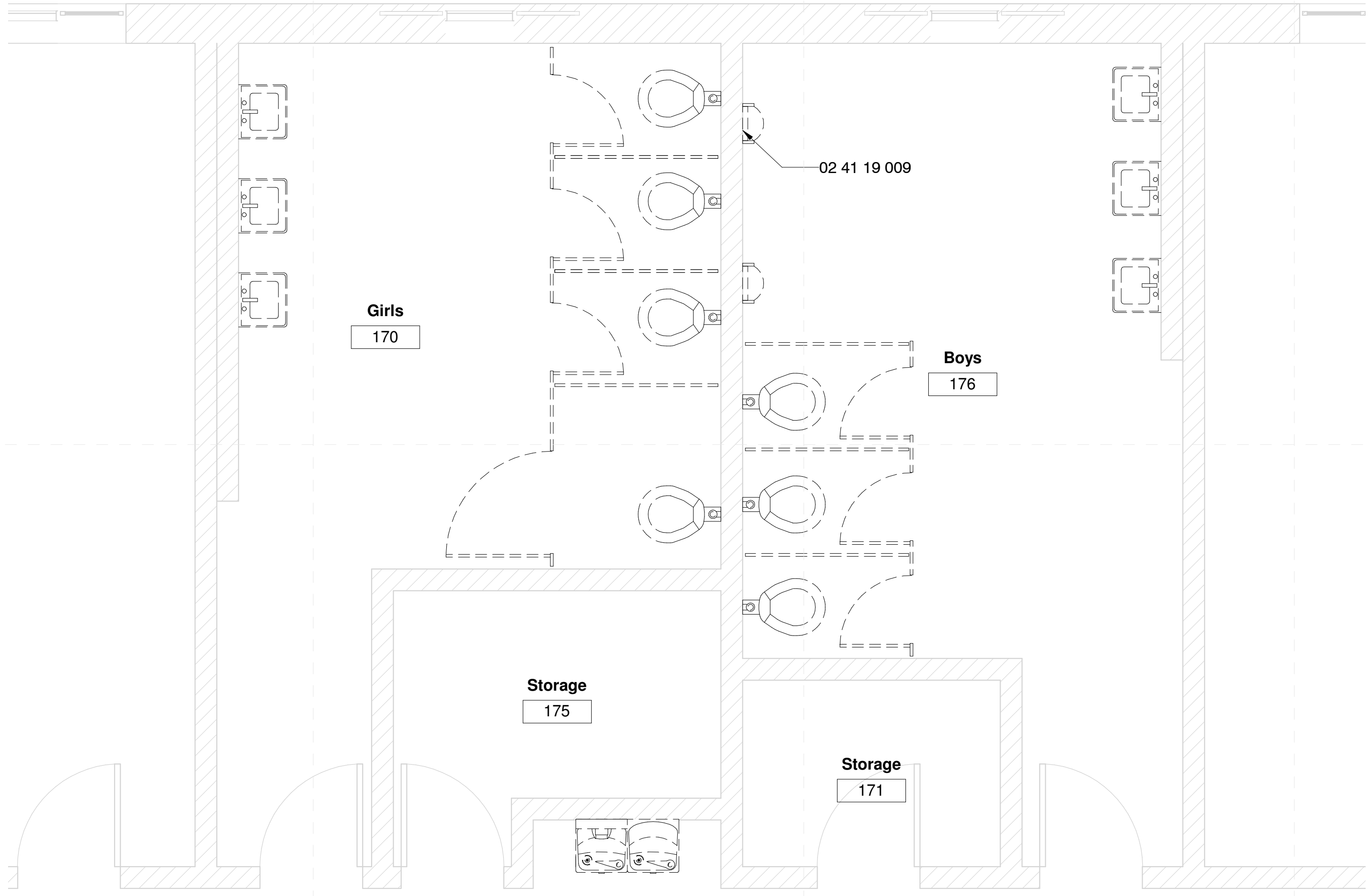
dalebaileyplans.com



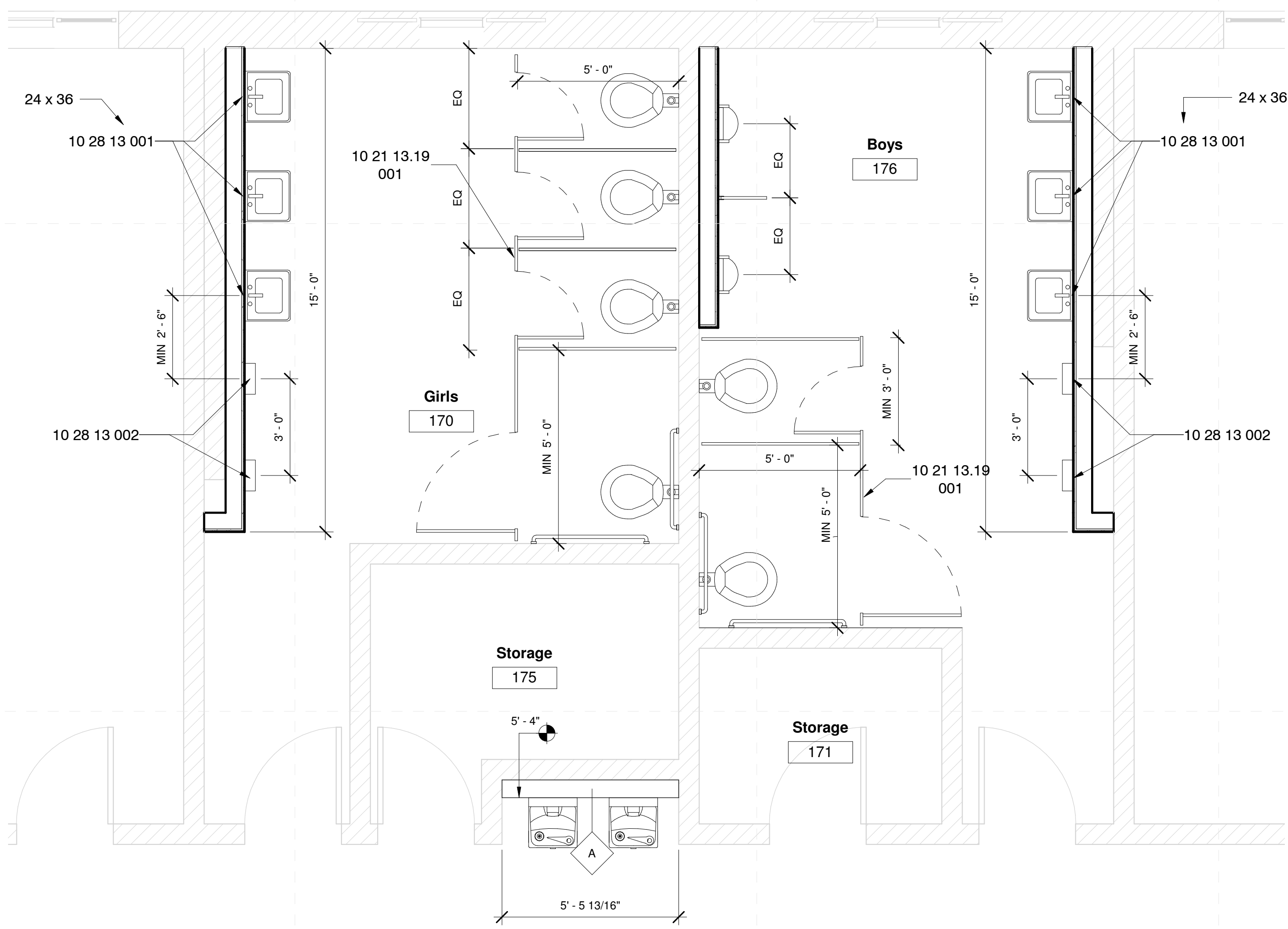
Sunflower Consolidated School District ESSER 2&3 Phase I
 Carver Elementary School: 404 Jefferson St. Indianola, MS 38751

Construction Documents

Project No	21027
Date	2/2/2022
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2 Main Floor - Demolition - Central N Toilets
3/8" = 1'-0"



1 Main Floor - New Construction - Central N Toilets
3/8" = 1'-0"

- General Demolition Notes**
- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
 - Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
 - Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
 - Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
 - Burying or Burning of materials will not be permitted on site.
 - Repair any damage caused to building construction identified to remain.
 - Refer to other discipline drawings for additional demolition information as noted
 - Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
 - Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
 - Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

Specific Notes

02 41 19 009	Remove wood; patch and repair tile and substrate with matching
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical

- General Finish Plan Notes**
- All flooring transitions are to occur at center line of door panel.
 - Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
 - New Fixture locations shall be coordinated with mechanical sheets.
 - Install new grab bars at all ADA & AMB toilets
 - Paint all exposed CMU at renovated toilets.
 - Paint all tile wainscot, unless otherwise noted.
 - Clean floor grout and reseal.

DALE BAILEY
AN ASSOCIATION

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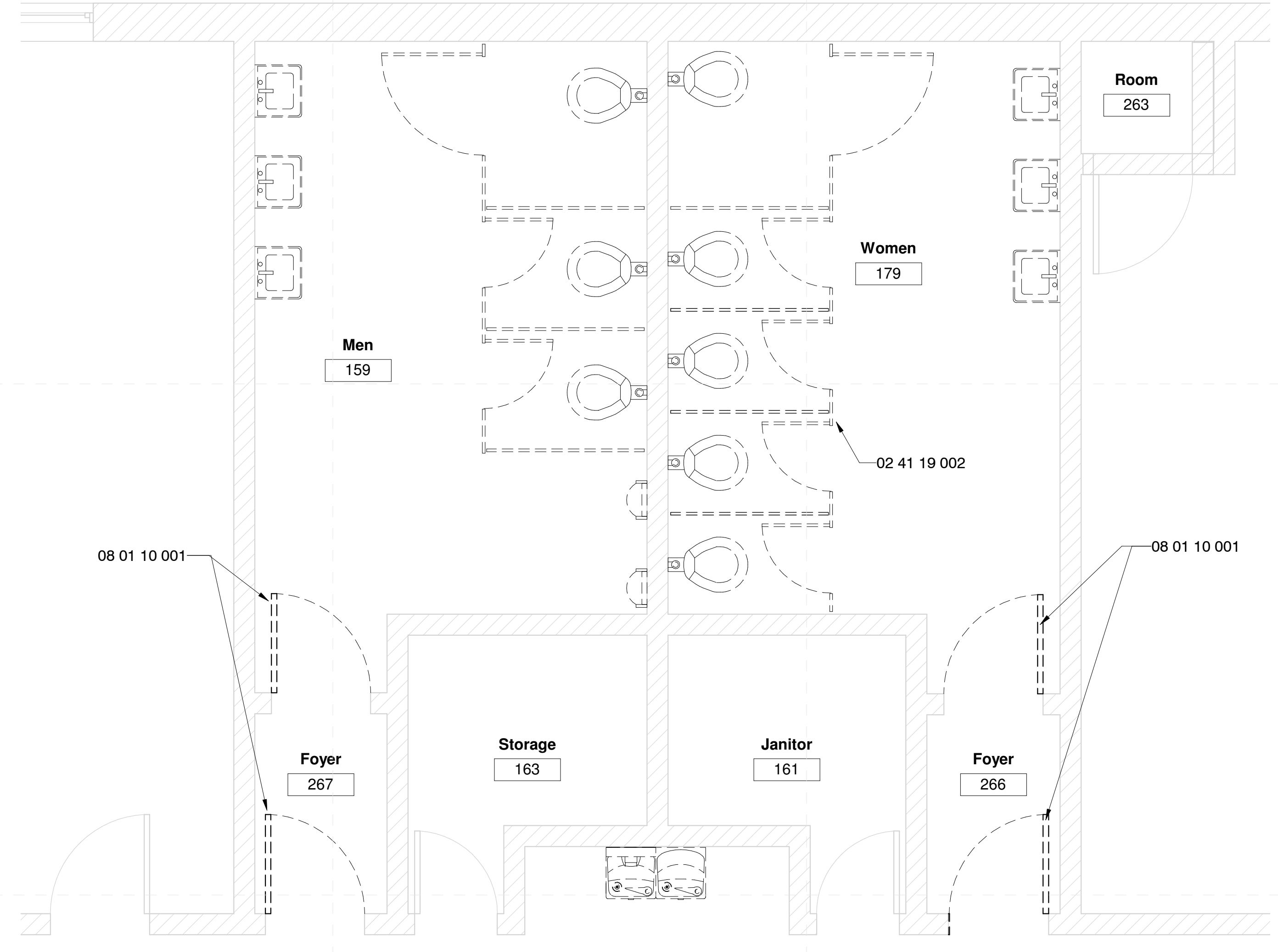
161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409

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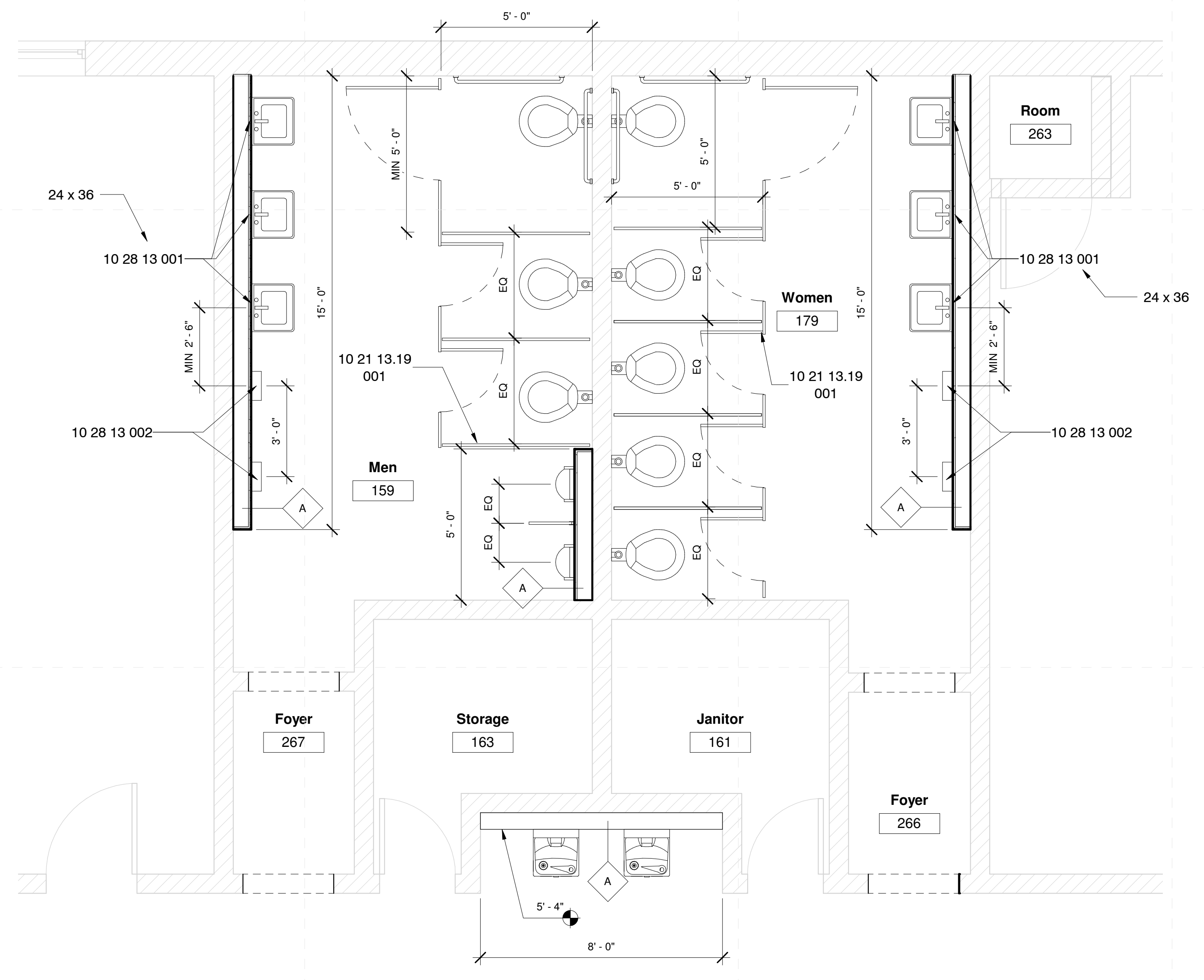
Sunflower Consolidated School District ESSER 2&3 Phase I
 Carver Elementary School: 404 Jefferson St. Indianola, MS 38751

Construction Documents

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1 Main Floor - Demolition - Central S Toilets
3/8" = 1'-0"



2 Main Floor - New Construction - Central S Toilets
3/8" = 1'-0"

General Demolition Notes

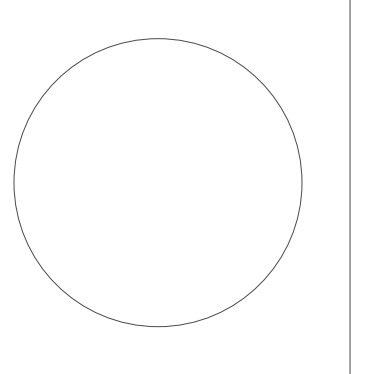
- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of a corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule. Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted.
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

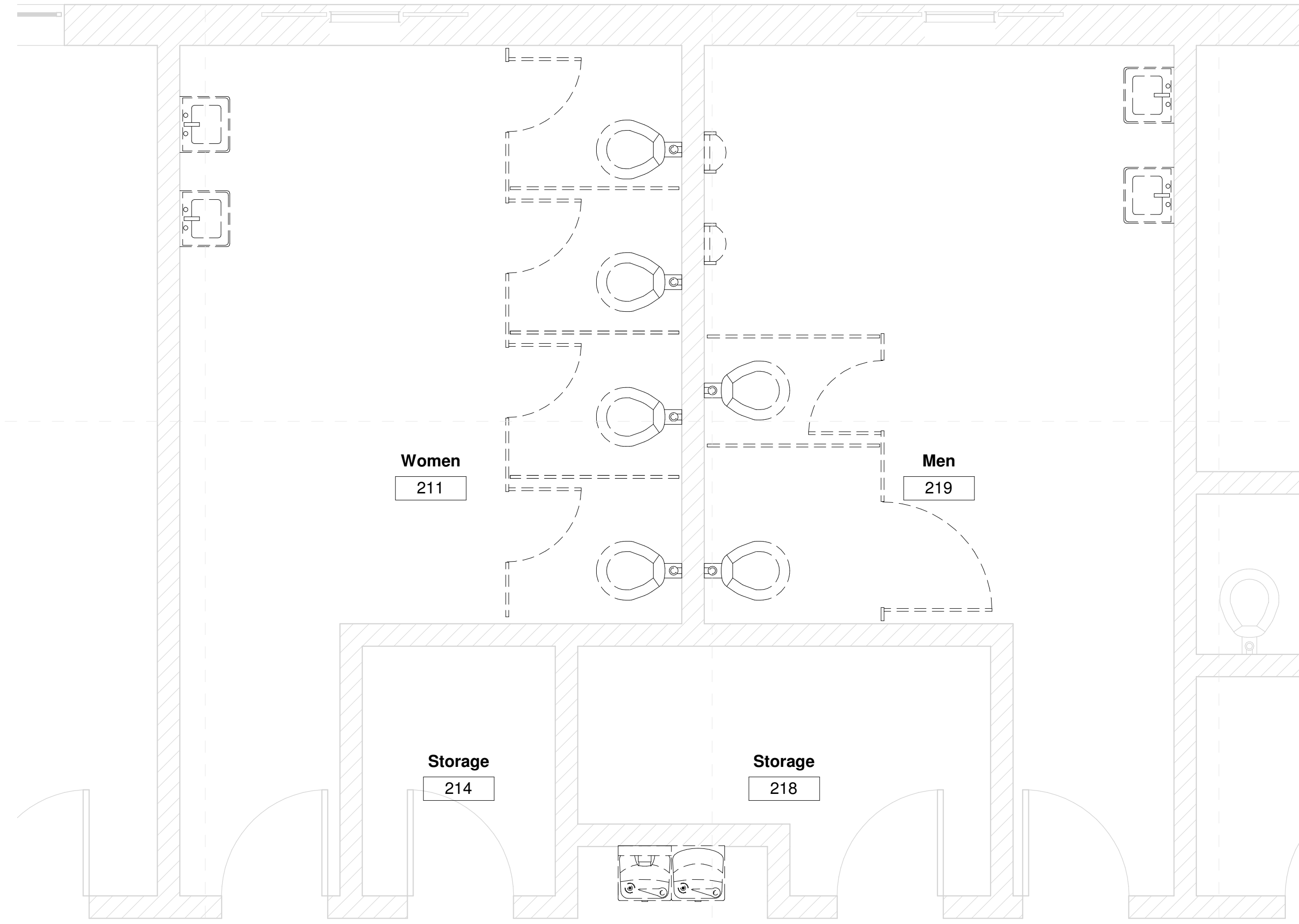
Specific Notes

02 41 19 002	Dashed lines indicated extent of demo work
08 01 10 001	Remove Door Leaves; patch hinges recessions with plate covers & paint to match jamb
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical

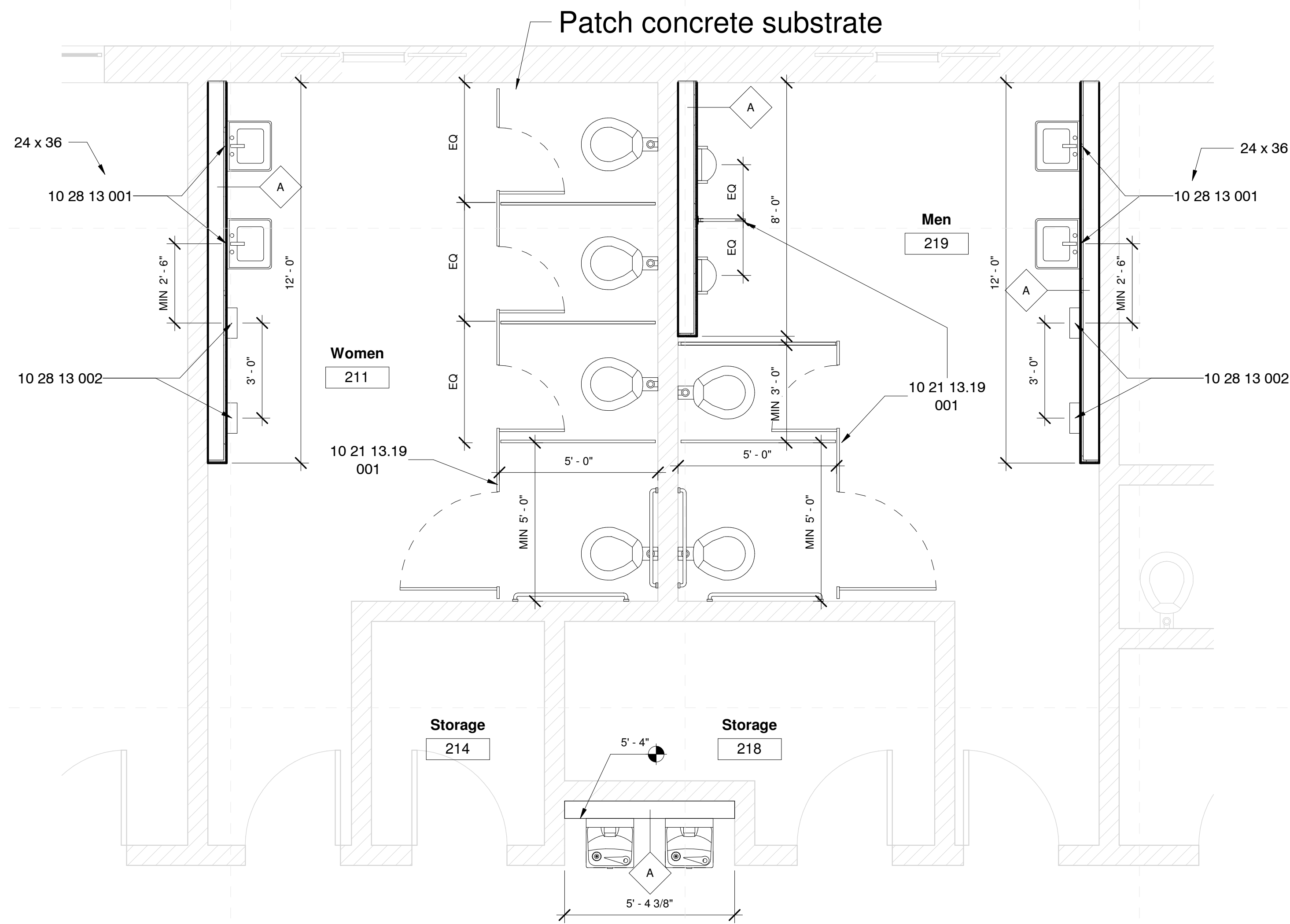
General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Paint all exposed CMU at renovated toilets.
- Paint all tile wainscot, unless otherwise noted.
- Clean floor grout and reseal.





2 Main Floor - Demolition - E N Toilets
3/8" = 1'-0"



1 Main Floor - New Construction - E N Toilets
3/8" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
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- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

Specific Notes

10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Paint all exposed CMU at renovated toilets.
- Paint all tile wainscot, unless otherwise noted.
- Clean floor grout and reseat.

DALE BAILEY
AN ASSOCIATION

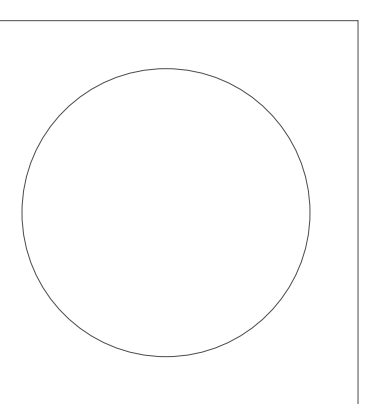
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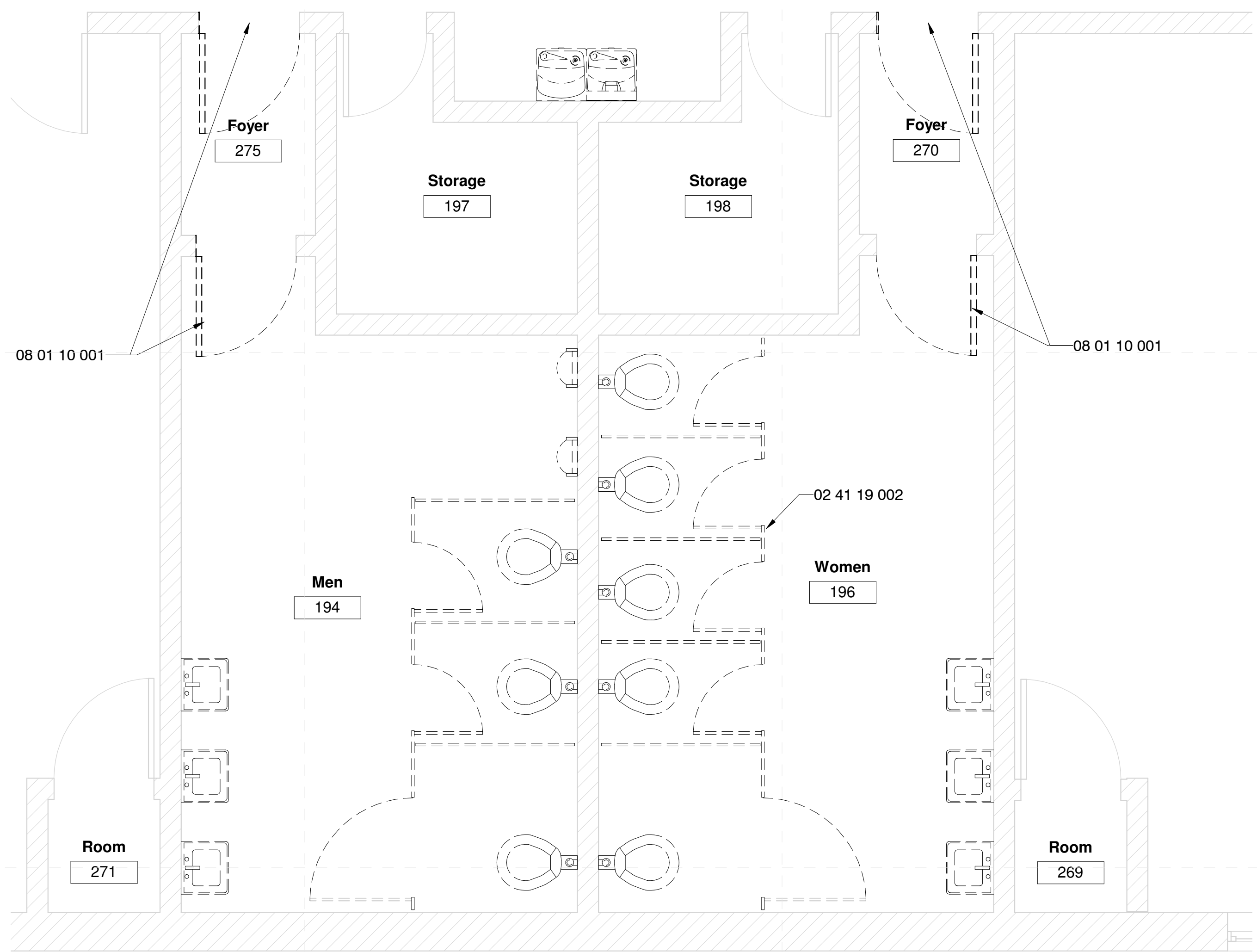
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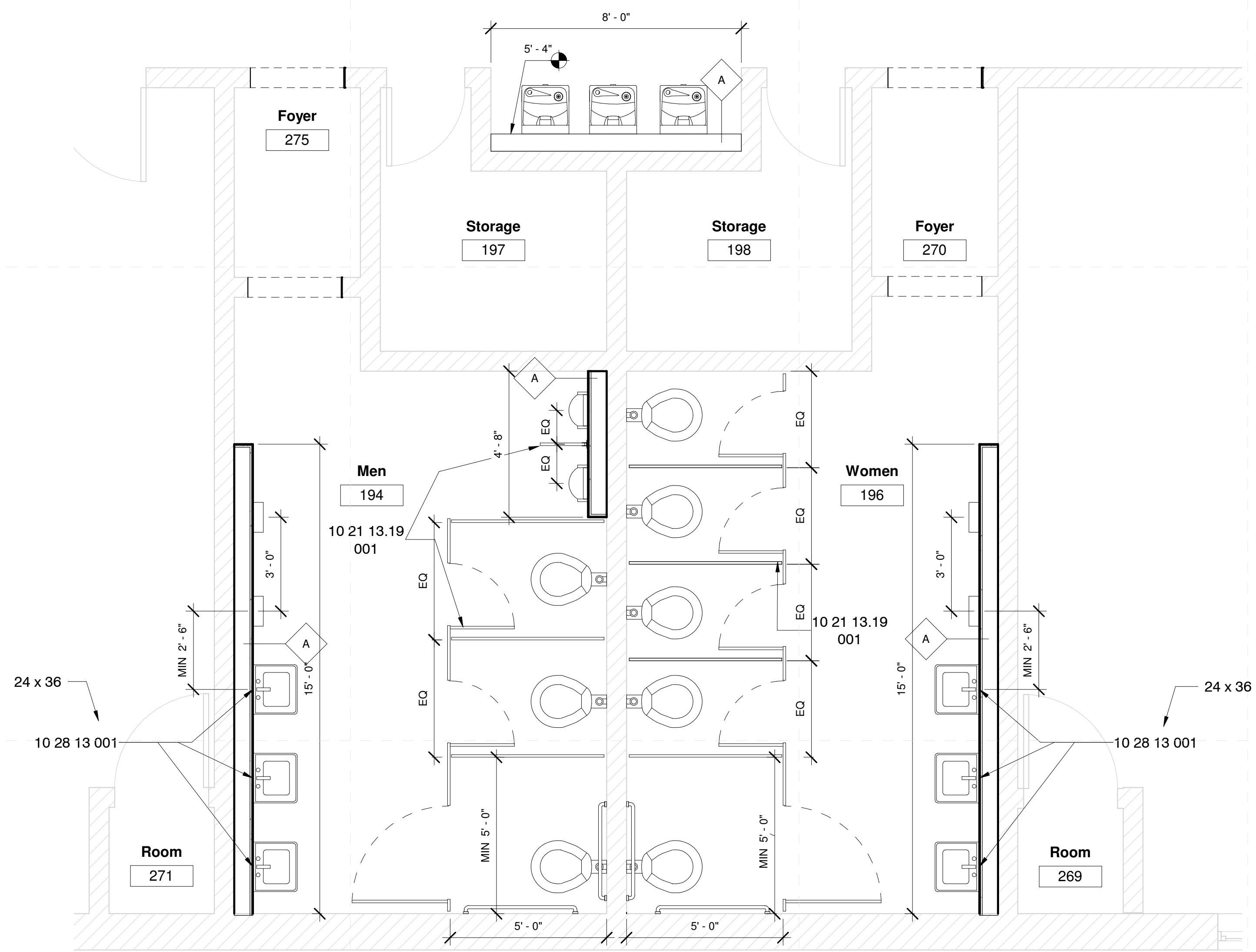
Sunflower Consolidated School District ESSER 2&3 Phase I
Carver Elementary School: 404 Jefferson St. Indianola, MS 38751

Construction Documents

Project No	21027
Date	2/2/2022
Revisions	Rev Date



1 Main Floor - Demolition - E S Toilets
3/8" = 1'-0"



2 Main Floor - New Construction - E S Toilets
3/8" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
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- Refer to other discipline drawings for additional demolition information as noted
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
08 01 10 001	Remove Door Leaves; patch hinges recessions with plate covers & paint to match jamb
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted

General Finish Plan Notes

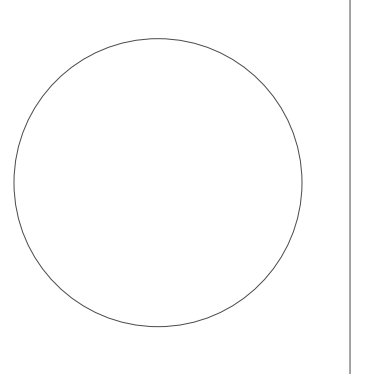
- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Paint all exposed CMU at renovated toilets.
- Paint all tile wainscot, unless otherwise noted.
- Clean floor grout and reseal.

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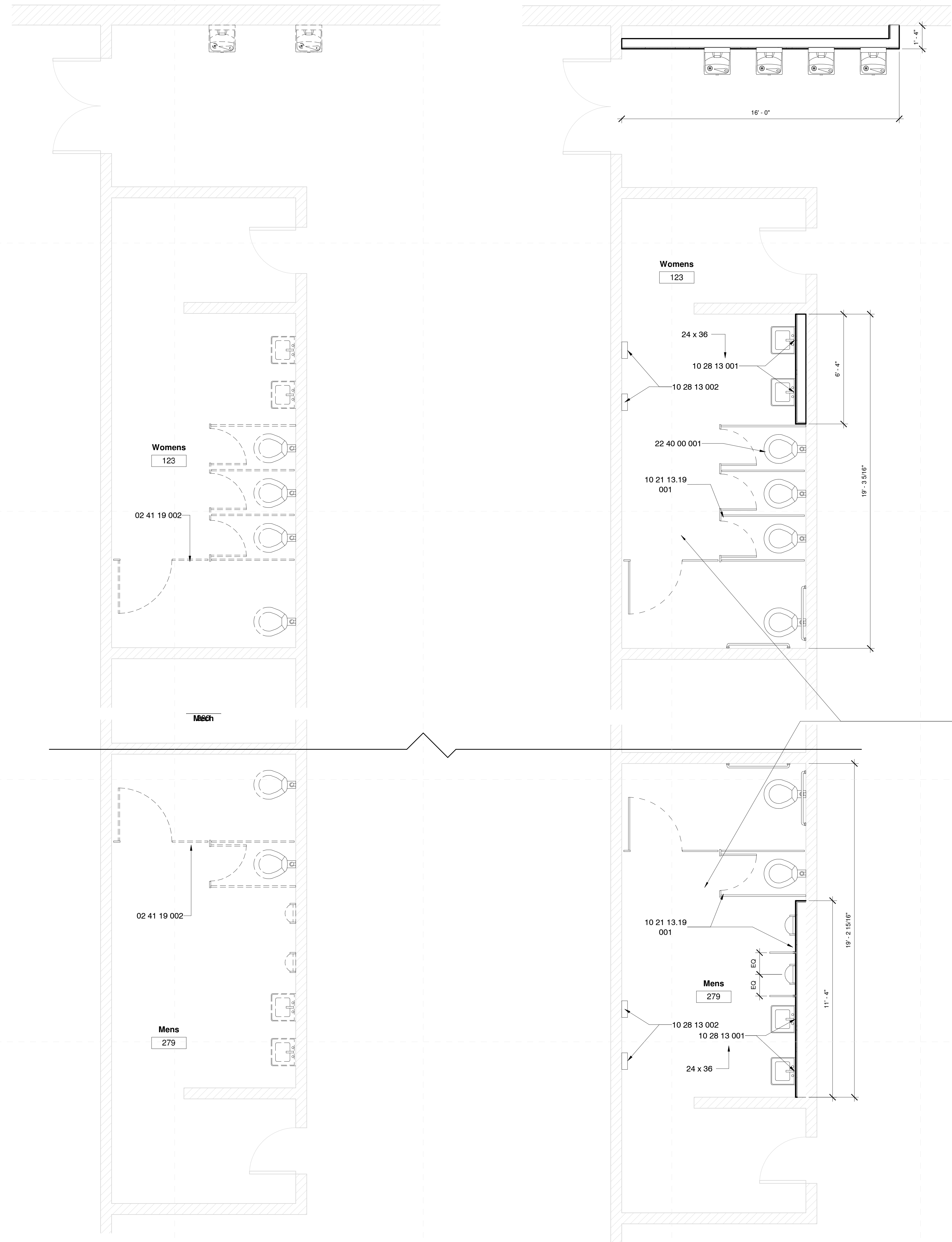
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Project No	21027
Date	2/2/2022
Revisions	Rev Date



2 Main Floor - Demolition - Gym Toilets
3/8" = 1'-0"

1 Main Floor - New Construction - Gym Toilets
3/8" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
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- Repair any damage caused to building construction identified to remain.
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- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 40 00 001	New fixtures throughout (typical); see plumbing

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Paint all exposed CMU at renovated toilets.
- Paint all tile wainscot, unless otherwise noted.
- Clean floor grout and reseat.

DALE BAILEY
AN ASSOCIATION

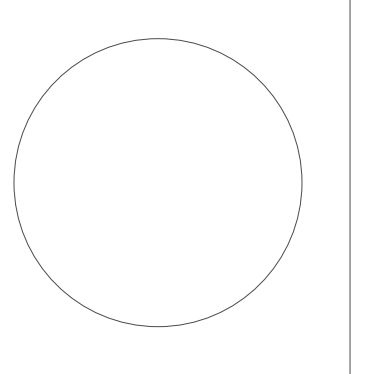
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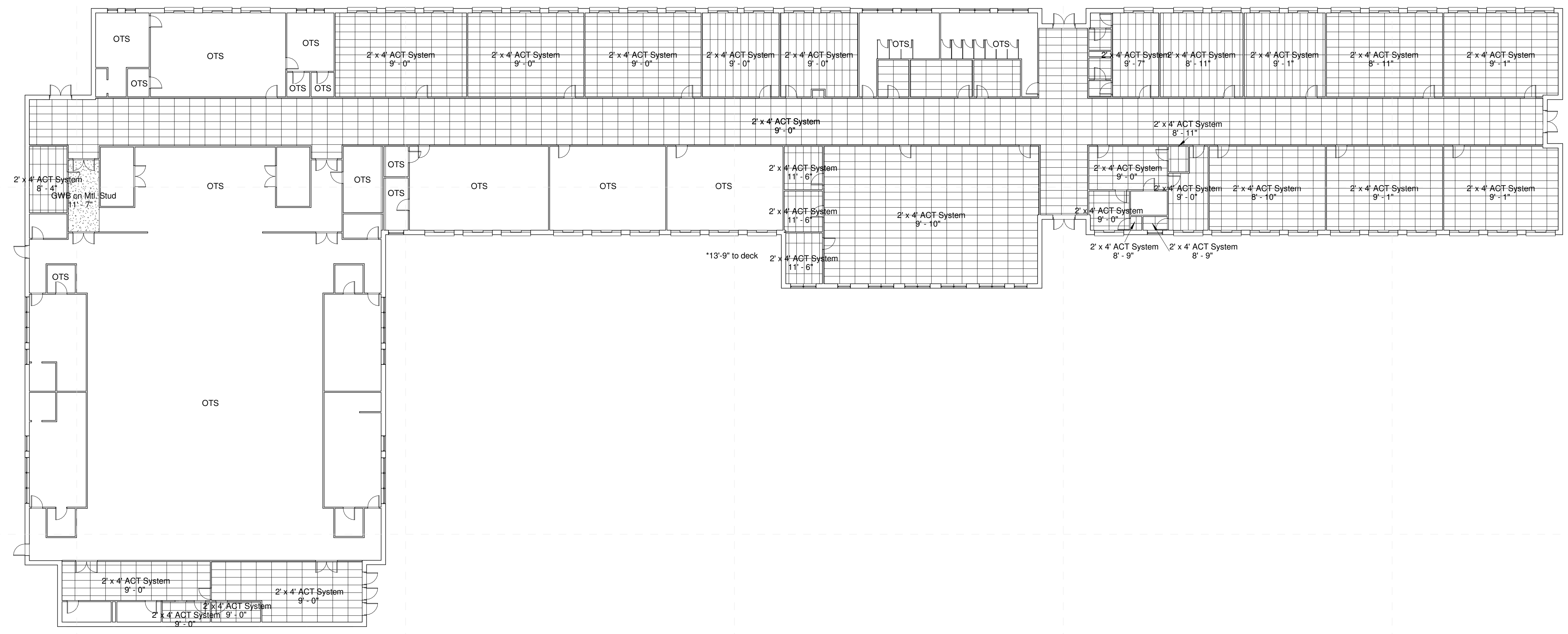
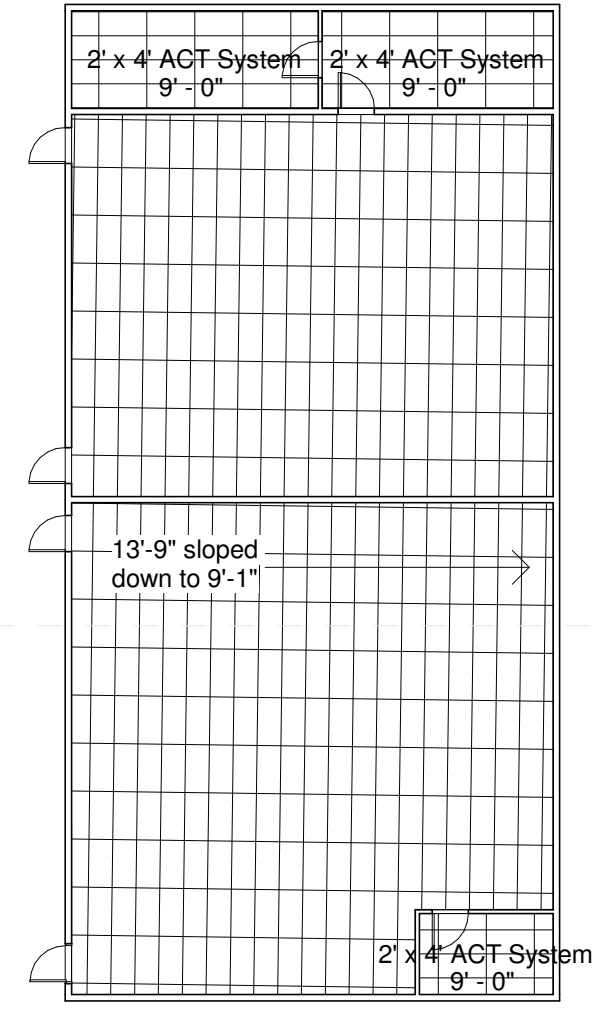
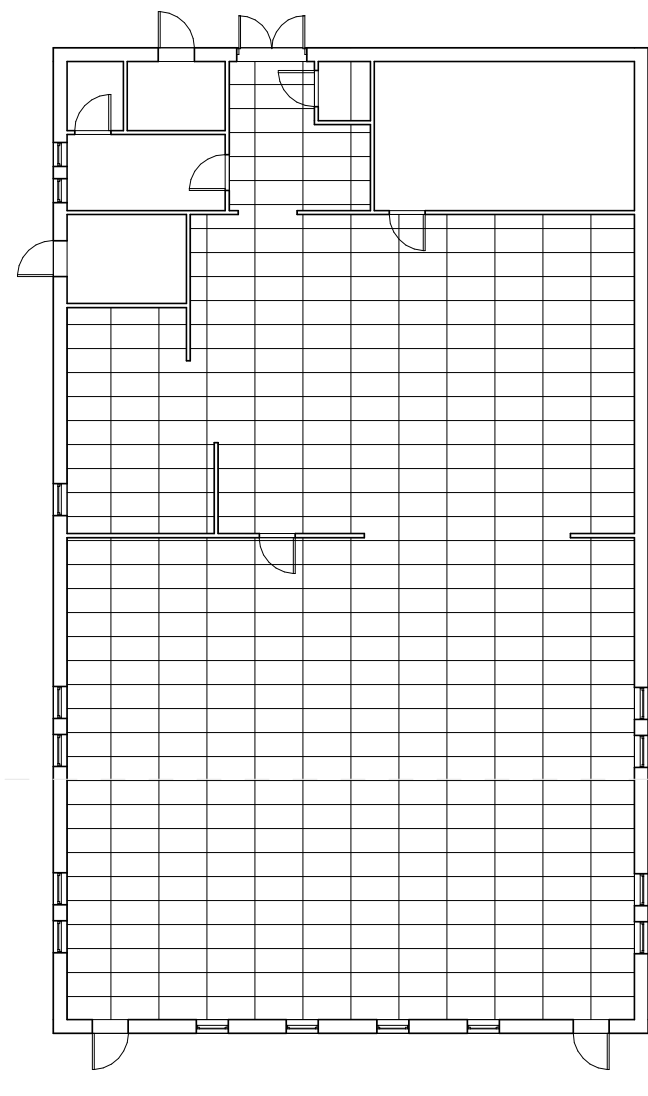
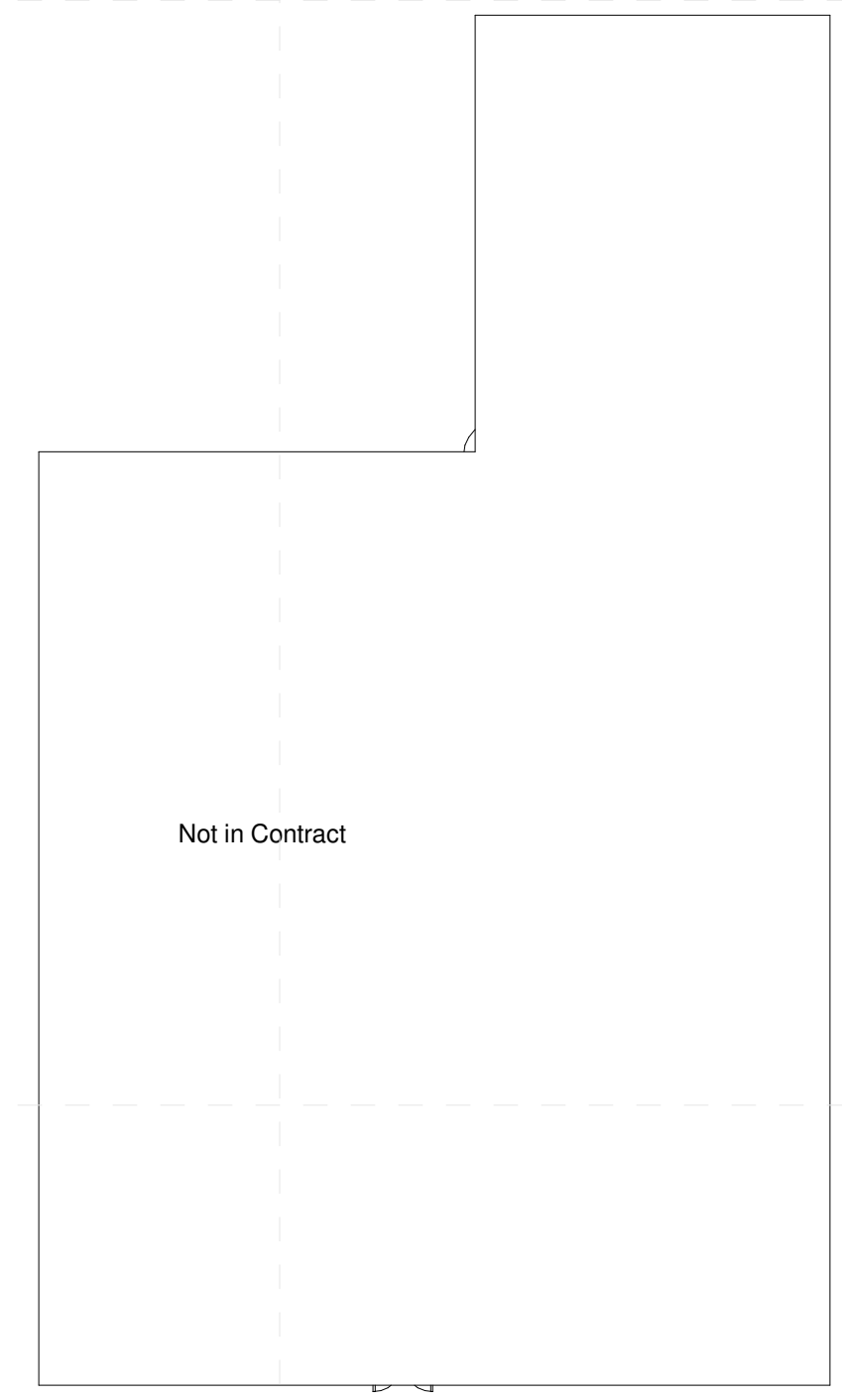
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Sunflower Consolidated School District ESSER 2&3 Phase I
Carver Elementary School: 404 Jefferson St. Indianola, MS 38751

Construction Documents

Project No	21027
Date	2/2/2022
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1 RCP - Existing
1/16" = 1'-0"

General RCP Demolition Notes

- Where ceiling transitions from new ceiling to existing ceiling, coordinate with Architect detail.
- Remove all existing ceiling grid & tile unless noted otherwise, as well as any wall fasteners and/or mastics attached therein where shown to be replaced by new materials.
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- No work in rooms with ceiling open to the structure above, unless noted otherwise.

Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastender Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

DALE BAILEY
AN ASSOCIATION

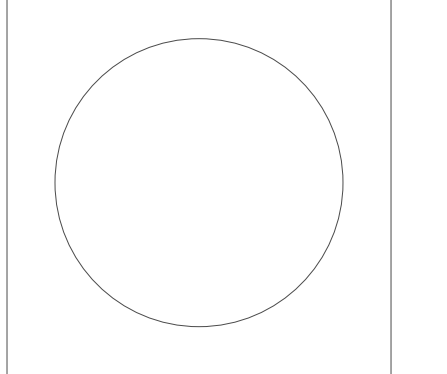
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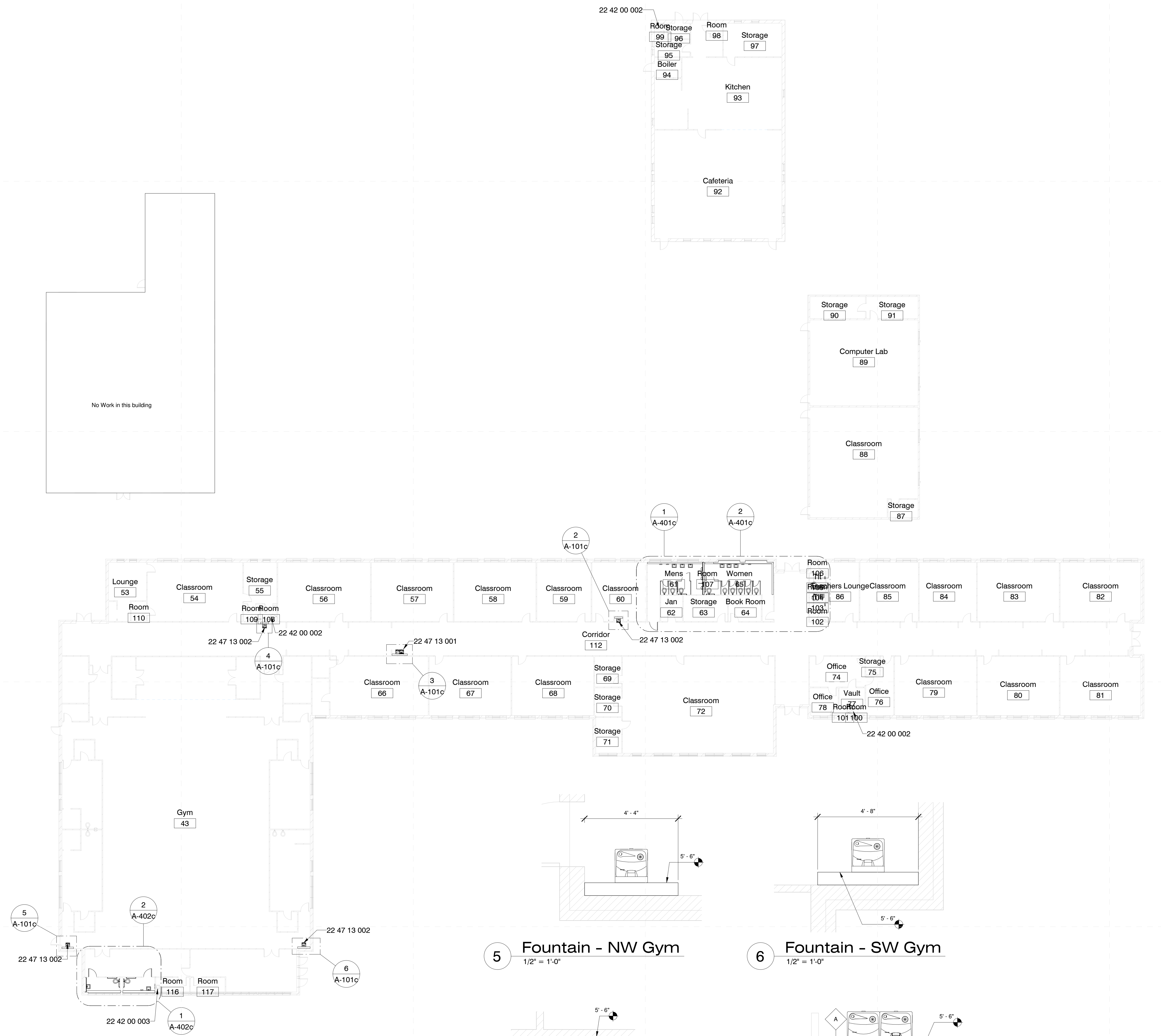


Sunflower Consolidated School District ESSER 2&3 Phase I
Drew Hunter Middle School: 10 Swoope Rd, Drew, MS 38737

Construction Documents

Project No	21027
Date	2/2/2022
Revisions	Rev Date

A-101c
Composite Floor Plan



Specific Notes

- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
- 22 42 00 003 New touchless faucet at sink/cabinet; coordinate with mechanical
- 22 47 13 001 Install double drinking fountain here; coordinate with mechanical & electrical drawings
- 22 47 13 002 Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings

1 Main Floor - New Construction
1/16" = 1'-0"

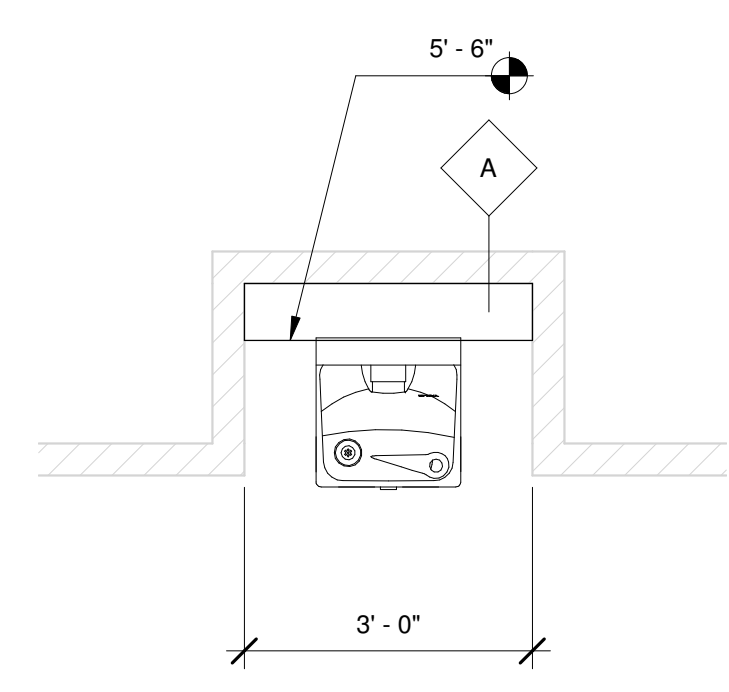
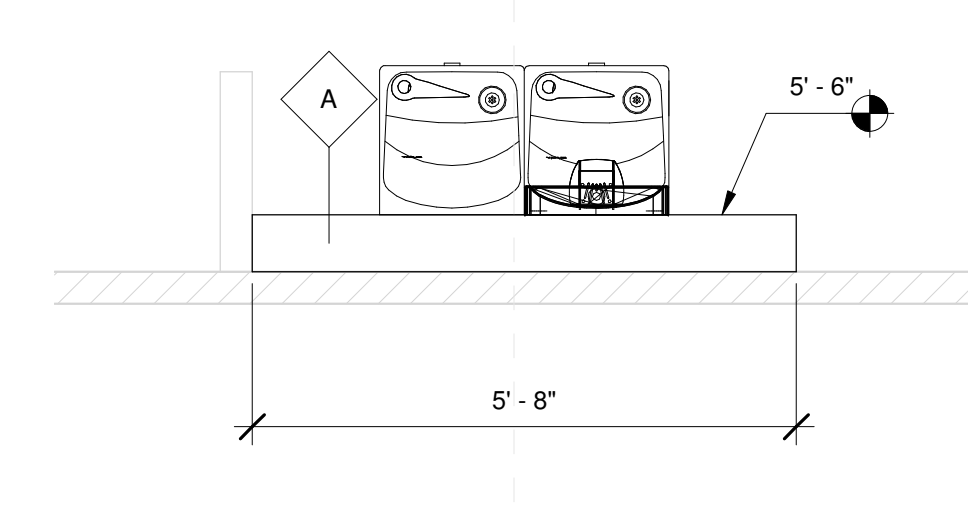
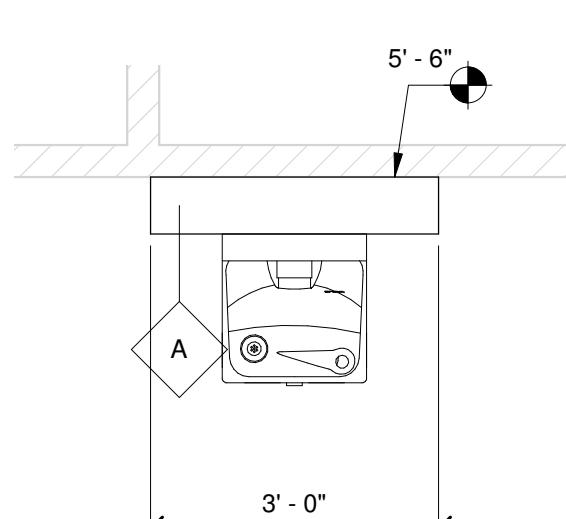
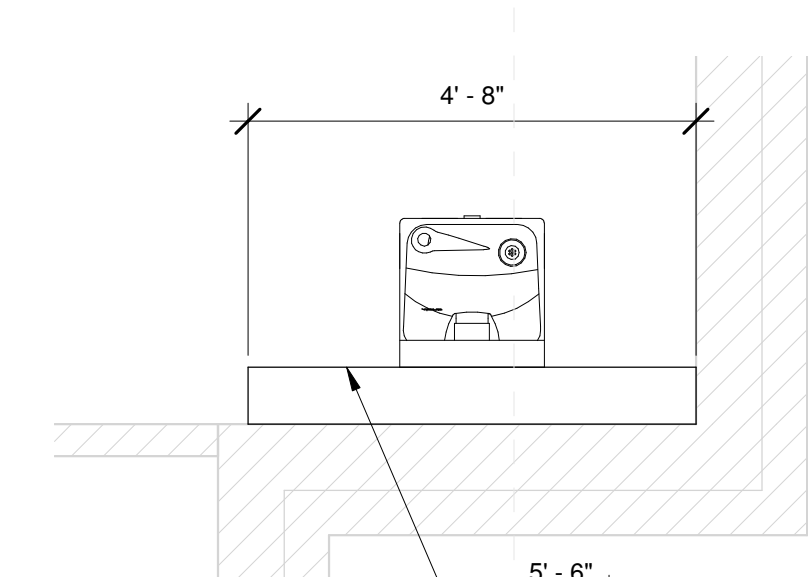
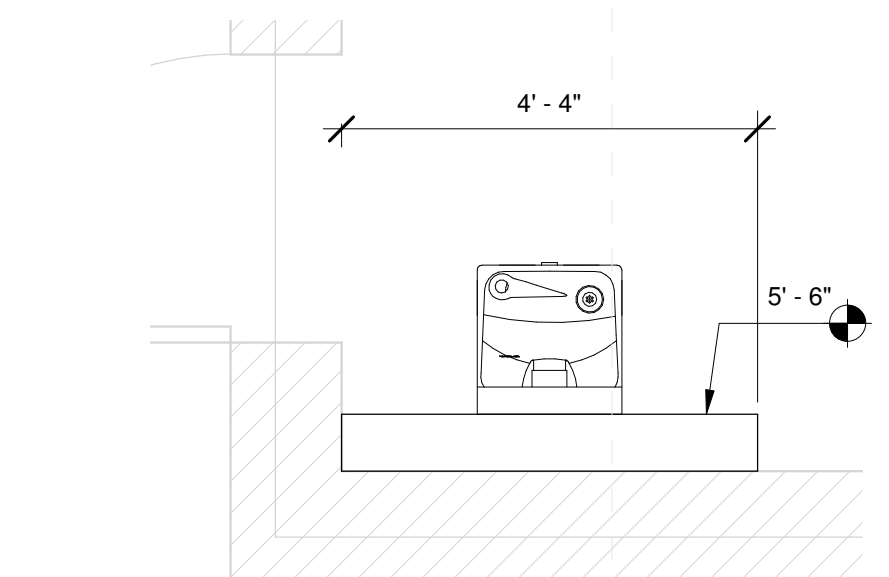
5 Fountain - NW Gym
1/2" = 1'-0"

6 Fountain - SW Gym
1/2" = 1'-0"

4 Fountain - NE Corridor
1/2" = 1'-0"

3 Fountain - Central West Side Corridor
1/2" = 1'-0"


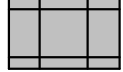

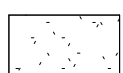







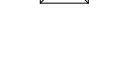



2 Fountain - Central East Side Corridor
1/2" = 1'-0"

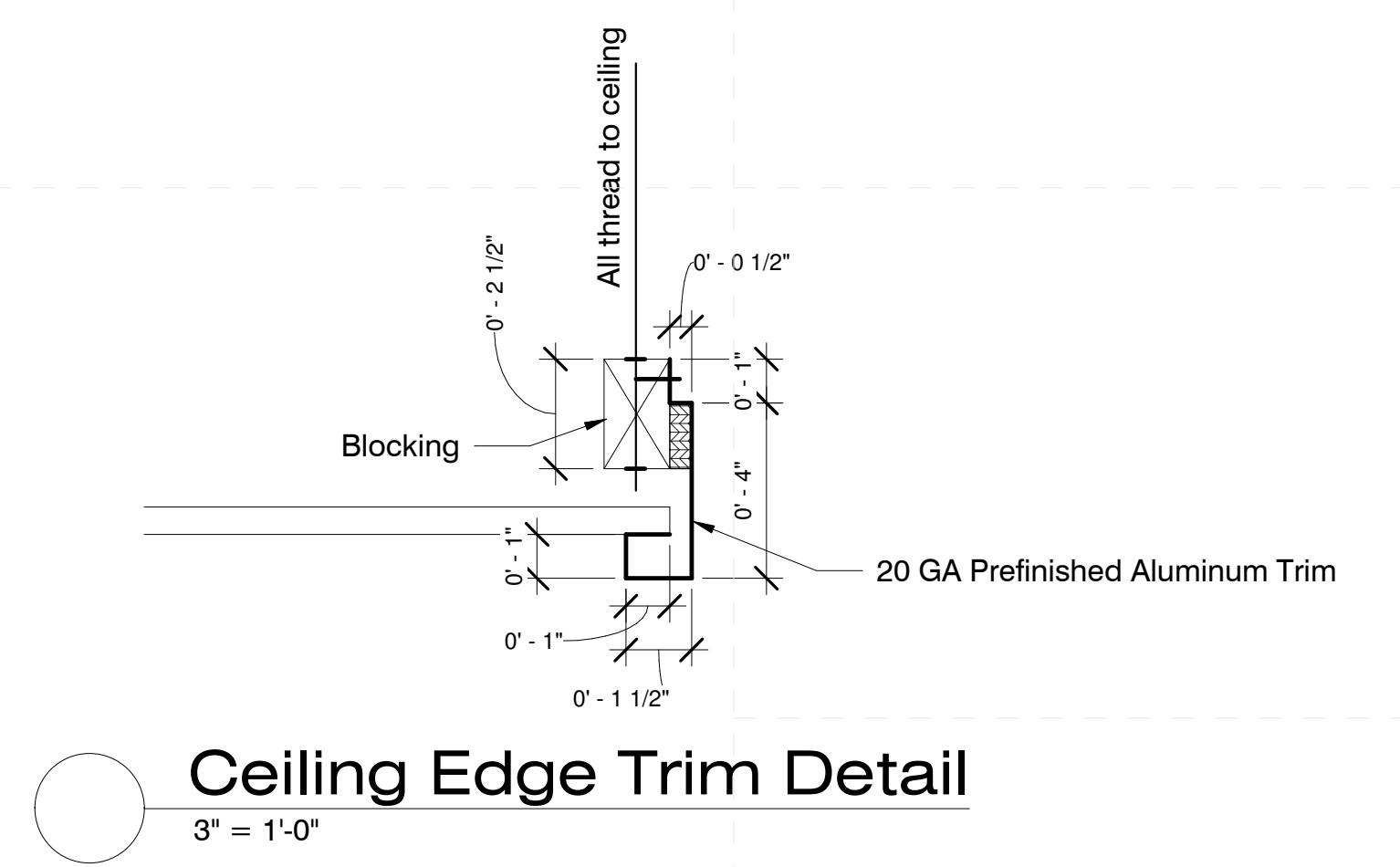
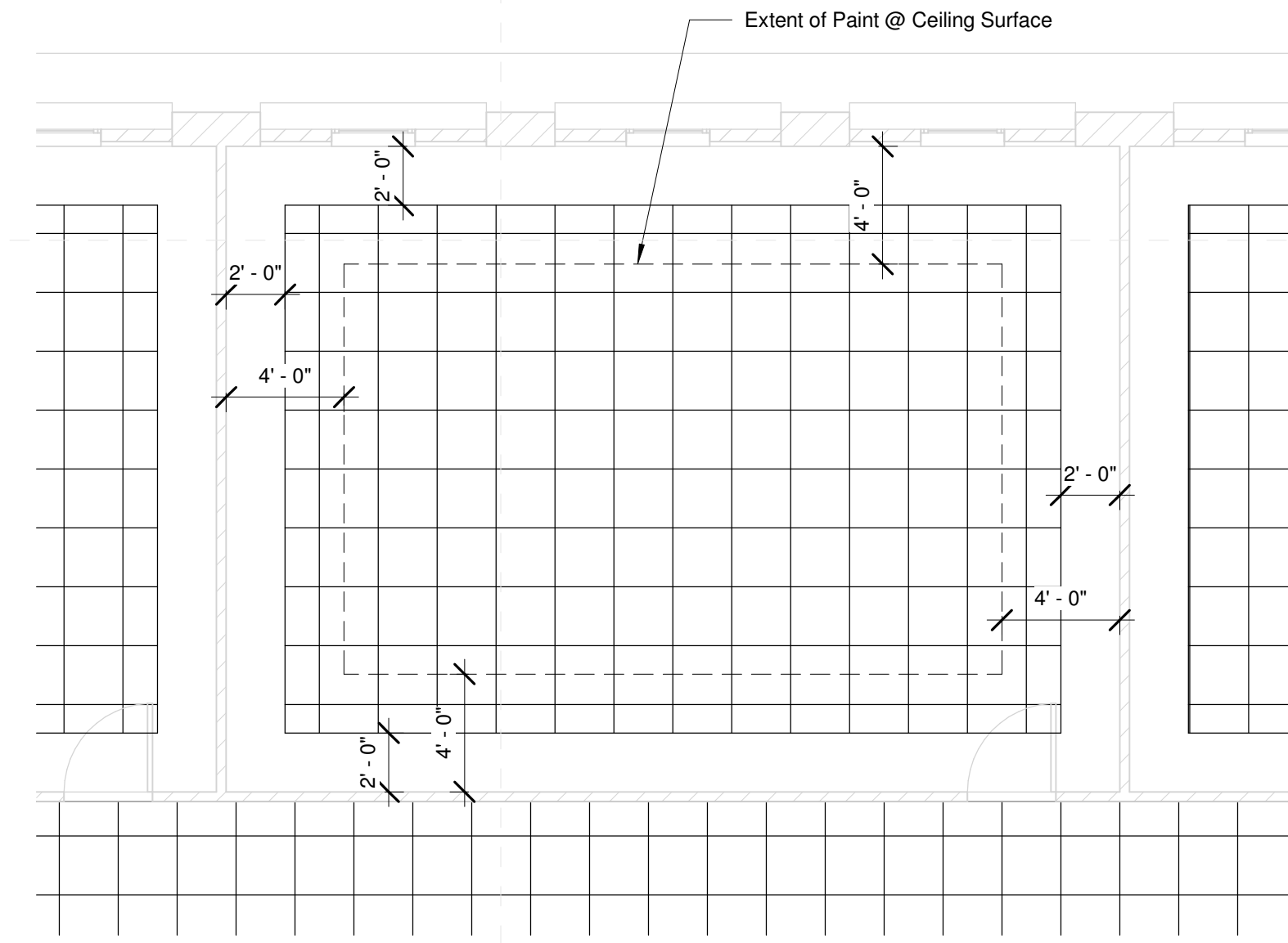
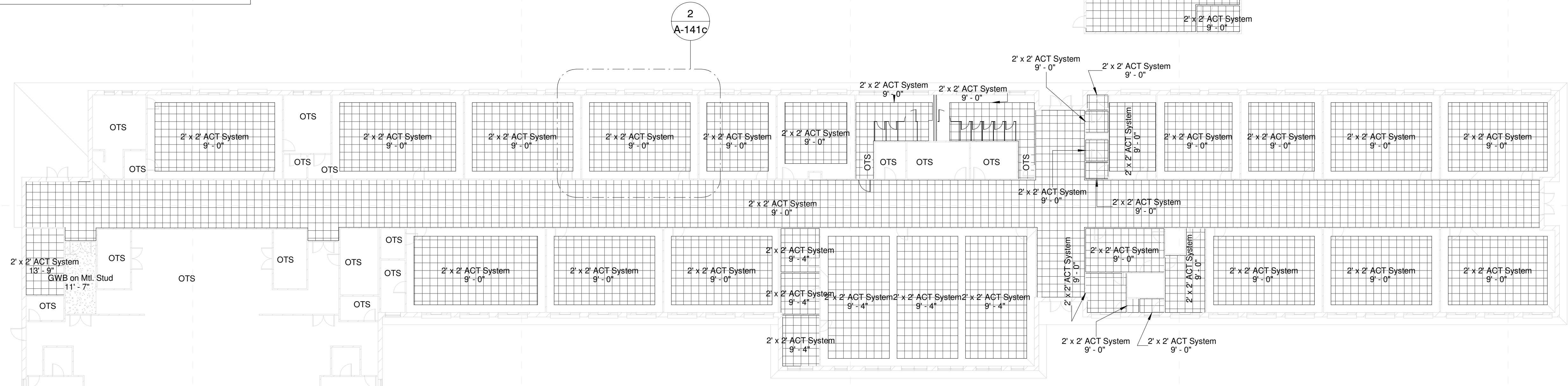
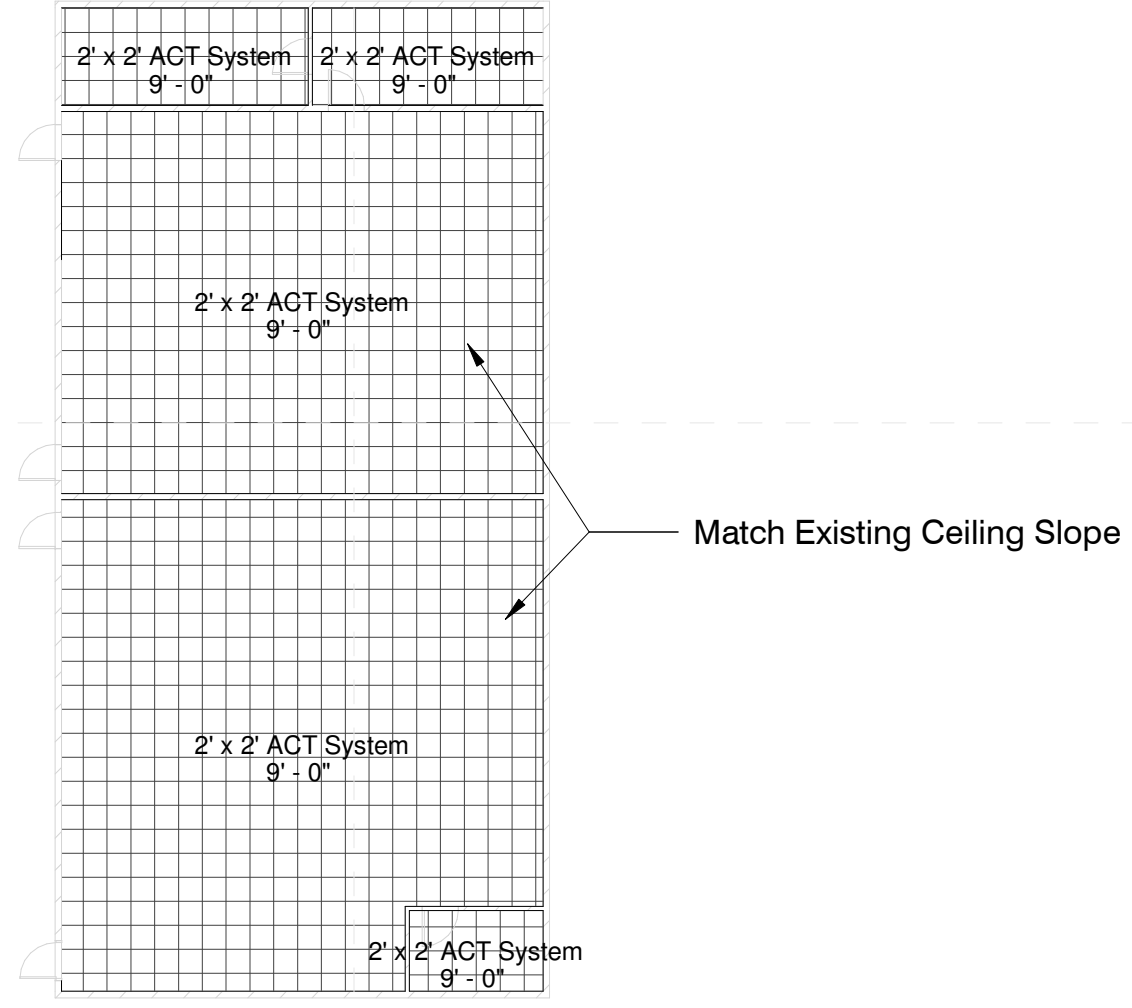
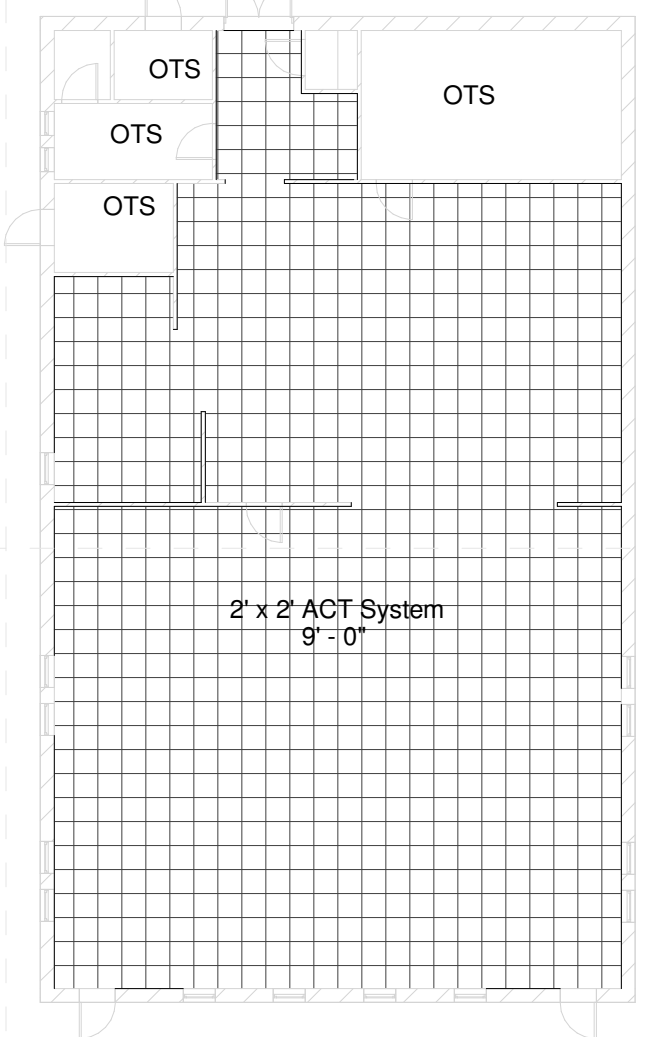
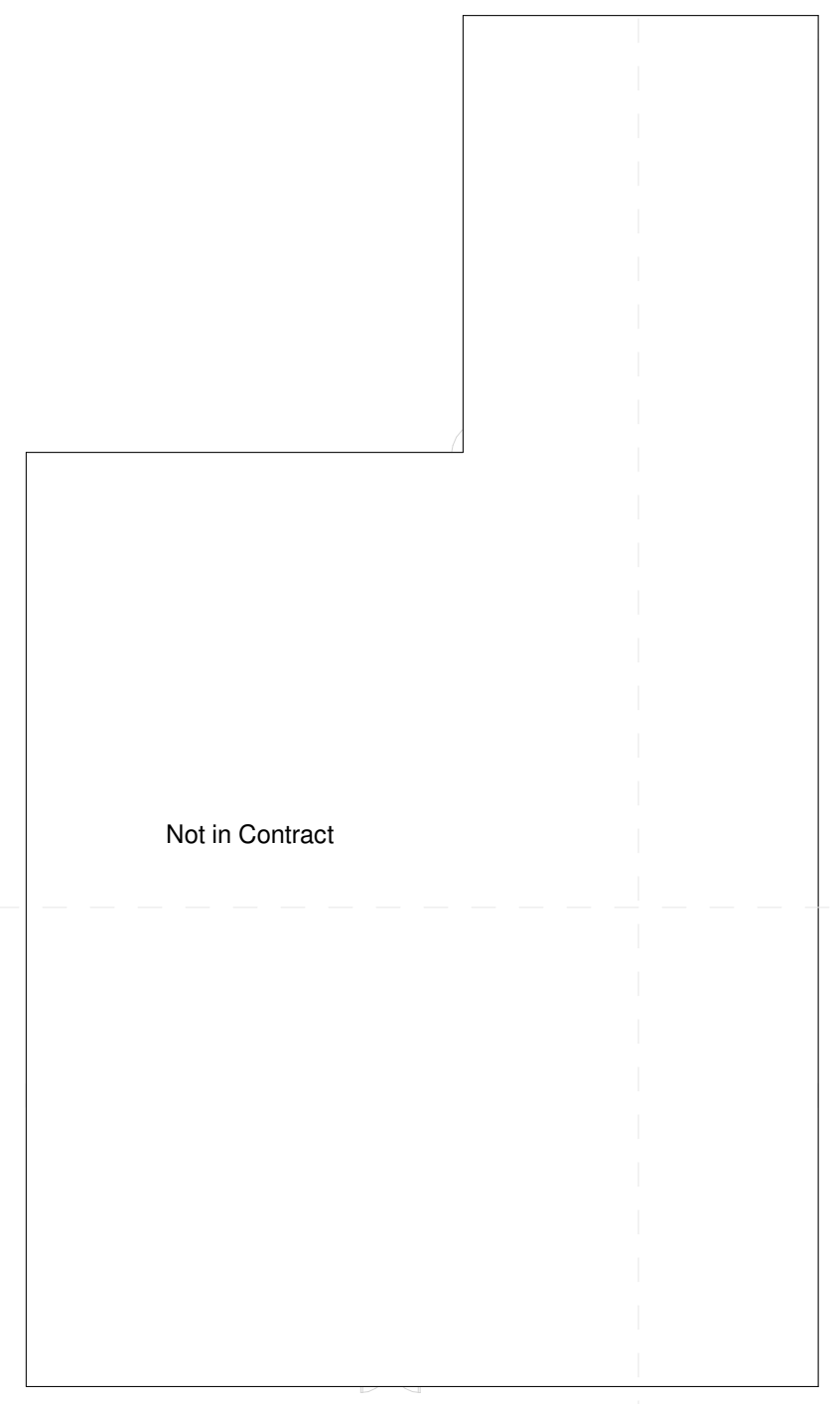


General RCP Notes

1. Install new ceiling grid and tile throughout, unless noted otherwise. Ensure that existing hangers, if reused, are secured to substrate. Any failure of existing mounting system shall be repaired by contractor.
2. All ceiling heights shall be same as existing or lower, unless noted otherwise.
3. Contractor shall paint all surfaces above 8'-8" at wall, roof, and ceiling, as well as anything attached therein at all exposed sections of ceilings where not covered by new 2x2 ACT, unless noted otherwise.
4. Repair/replace any and all ceiling damaged due to construction activities.
5. Bent ceiling grid damaged due to construction activities shall be replaced or bent to appear as new in shape.

Ceiling Legend

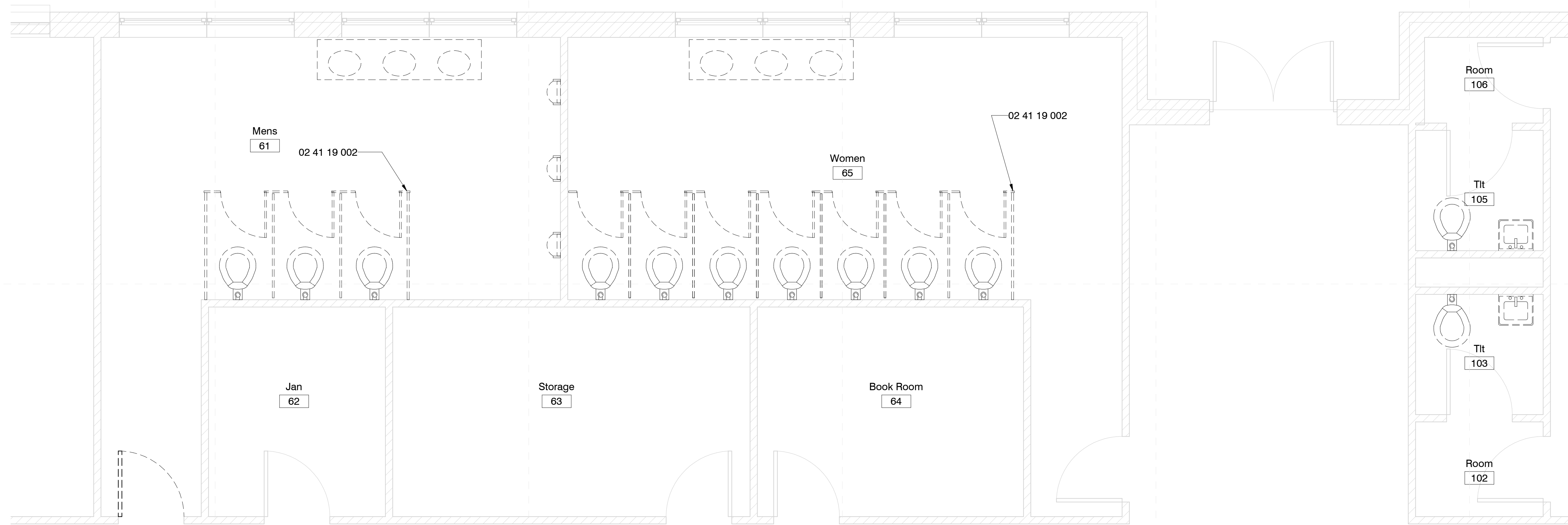
-  Moisture Resistant Acoustical Lay In Ceiling
-  Colored Acoustical Lay In Ceiling
-  Vinyl Faced Acoustical Lay In Ceiling
-  Gypsum Board Ceiling
-  2x2 Acoustical Lay In Ceiling
-  Plaster/Stucco
-  Concealed Fastener Painted Metal Soffit
-  2x2 Fluorescent Fixture
-  Surface-Mounted Fluorescent Light Fixture
-  Recessed Can Light Fixture
-  HVAC Supply Grille
-  HVAC Return Grille
-  Exterior Wall Light
-  Interior Wall Light
-  Open to Structure (OTS)



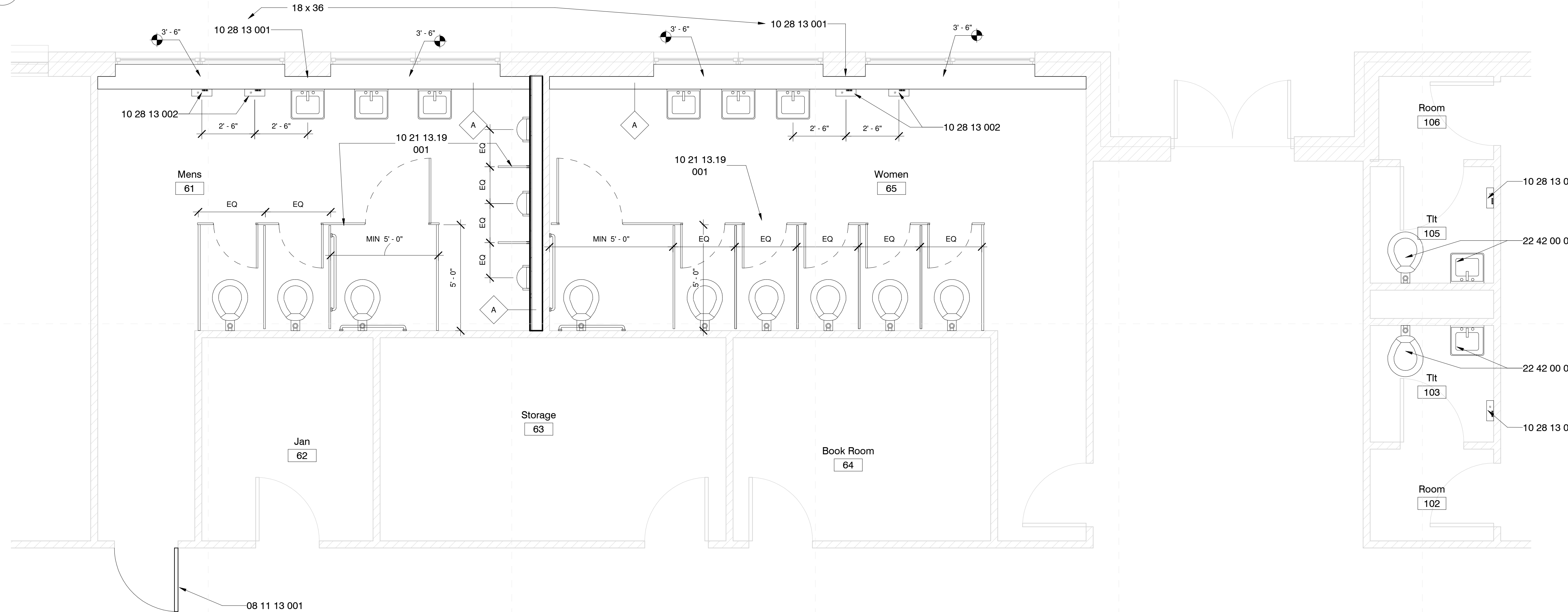
1 RCP - New Construction
1/16" = 1'-0"

2 Typical Ceiling
3/16" = 1'-0"

Ceiling Edge Trim Detail
3" = 1'-0"



2 Central Toilets - Demolition
3/8" = 1'-0"



1 Central Toilets - New Construction
3/8" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
08 11 13 001	Install metal door and frame to match existing for corrected swing
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Repair damaged glass at toilet room renovations with like material.
- Clean floor grout and reseal.

Architects

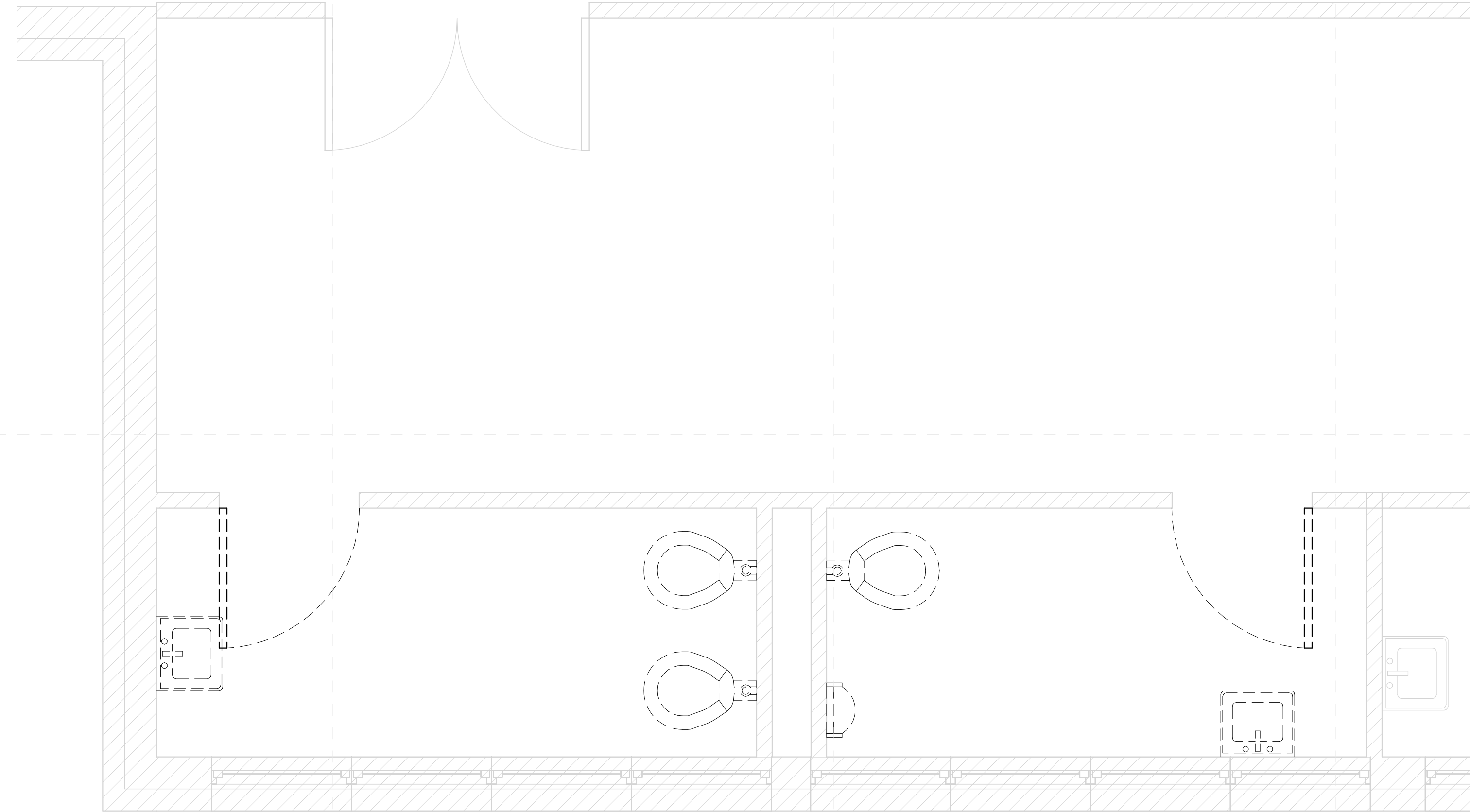
One Jackson Place 250
188 East Capitol Street
Jackson, MS 39201
p 601.352.5411

201 Park Court Suite B
Ridgeland, MS 39157
p 601.790.9432

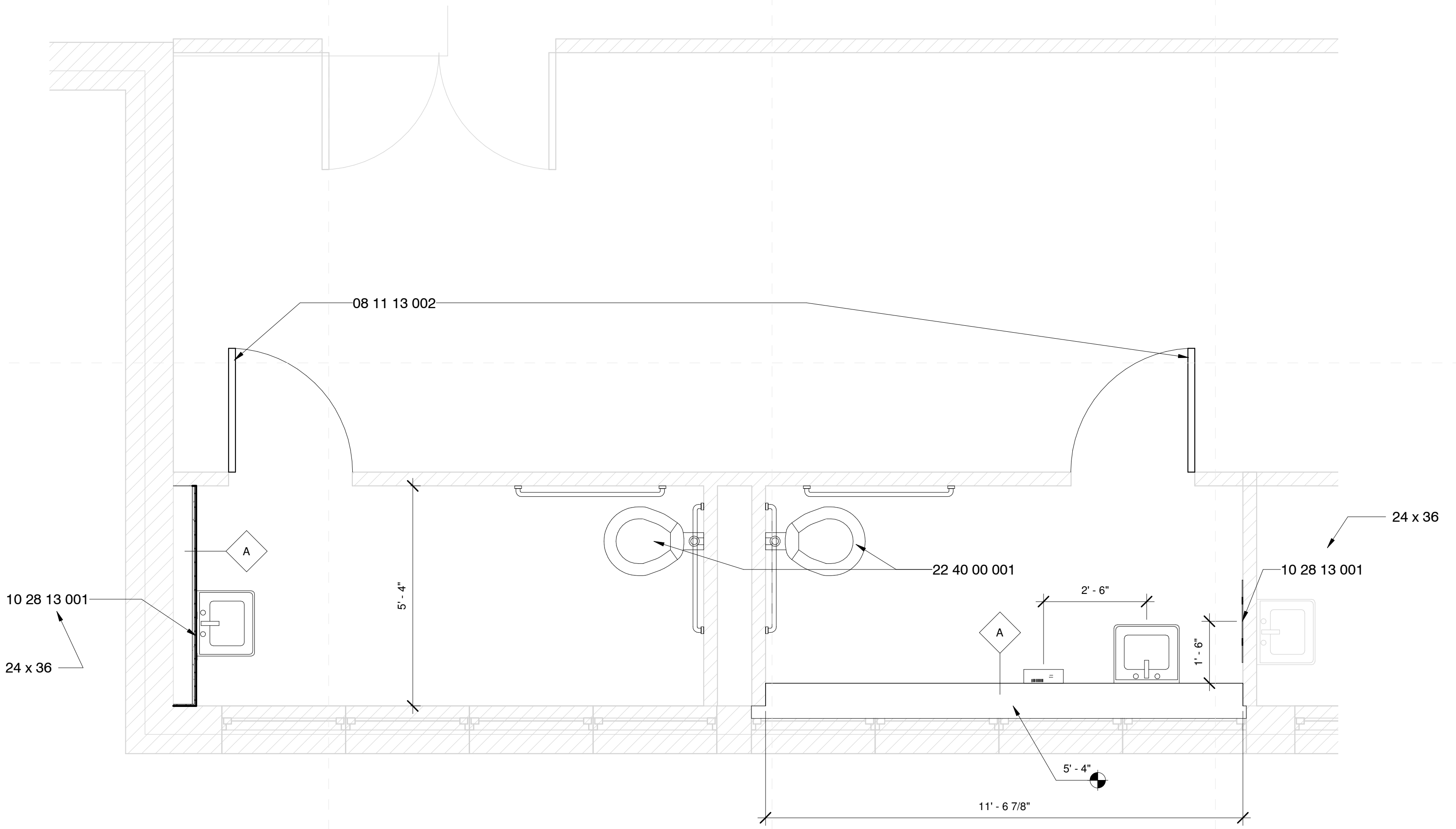
161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409

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Project No	21027
Date	2/2/2022
Revisions	Rev Date



1 Gym Toilets - Demolition
1/2" = 1'-0"



2 Gym Toilets - New Construction
1/2" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

Specific Notes

08 11 13 002	Install new 36" HM Door and Frame with new hardware
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
22 40 00 001	New fixtures throughout (typical); see plumbing

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Repair damaged glass at toilet room renovations with like material.
- Clean floor grout and reseat.

DALE BAILEY
AN ASSOCIATION

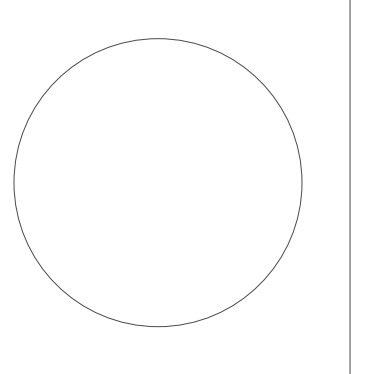
Architects

One Jackson Place 250
188 East Capitol Street
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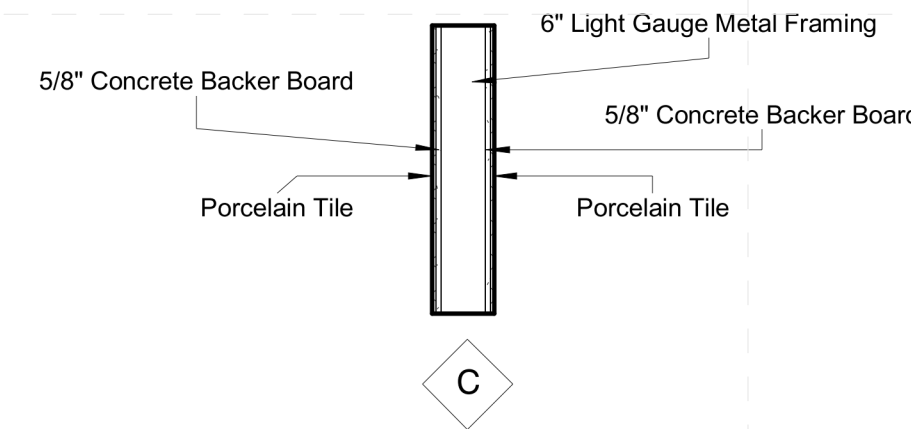
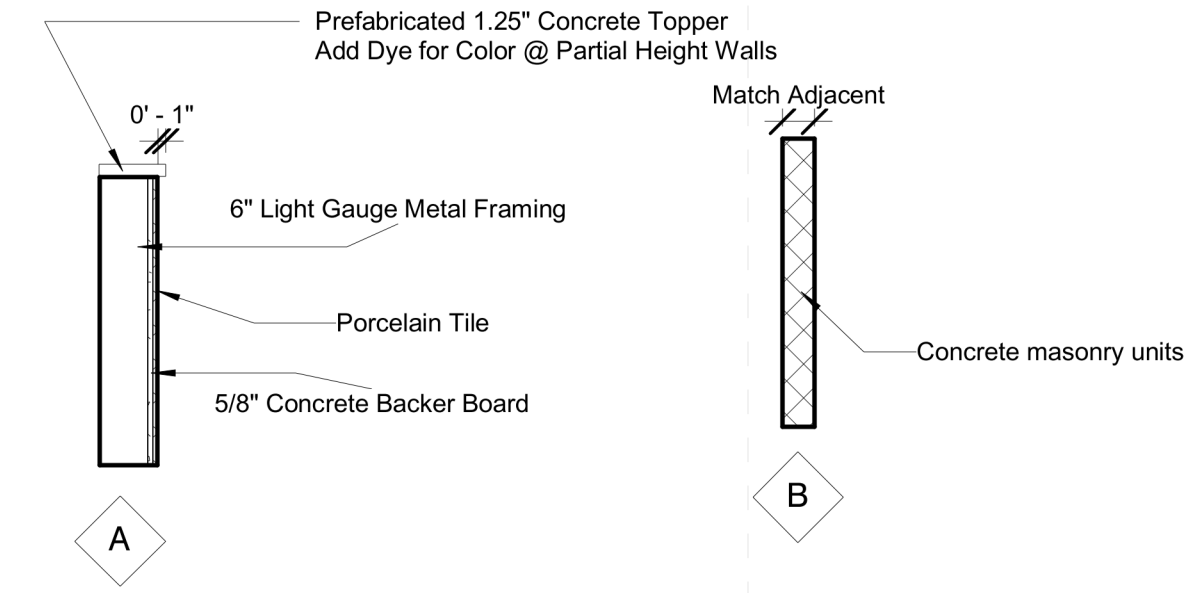
Sunflower Consolidated School District ESSER 2&3 Phase I
Drew Hunter Middle School: 10 Swoope Rd, Drew, MS 38737

Construction Documents

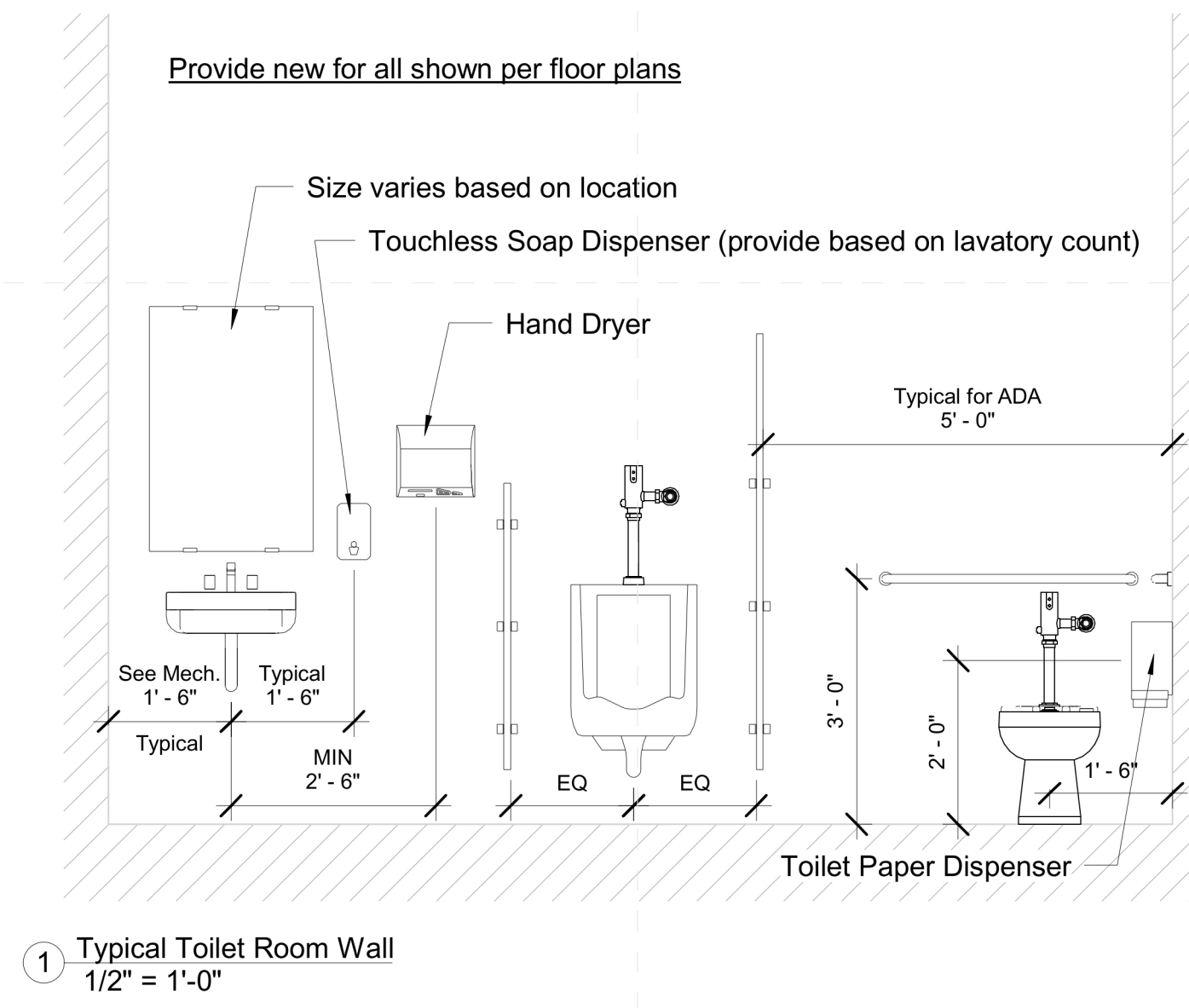
Project No	21027
Date	2/2/2022
Revisions	Rev Date

All School's Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
08 11 13 001	Install metal door and frame to match existing for corrected swing
08 11 13 002	Install new 36" HM Door and Frame with new hardware
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 40 00 001	New fixtures throughout (typical); see plumbing
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new
22 42 00 002	New fixtures only in this toilet room; coordinate with mechanical
22 42 00 003	New touchless faucet at sink/cabinet; coordinate with mechanical
22 47 13 001	Install double drinking fountain here; coordinate with mechanical & electrical drawings
22 47 13 002	Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings



Wall Standards
1/2" = 1'-0"



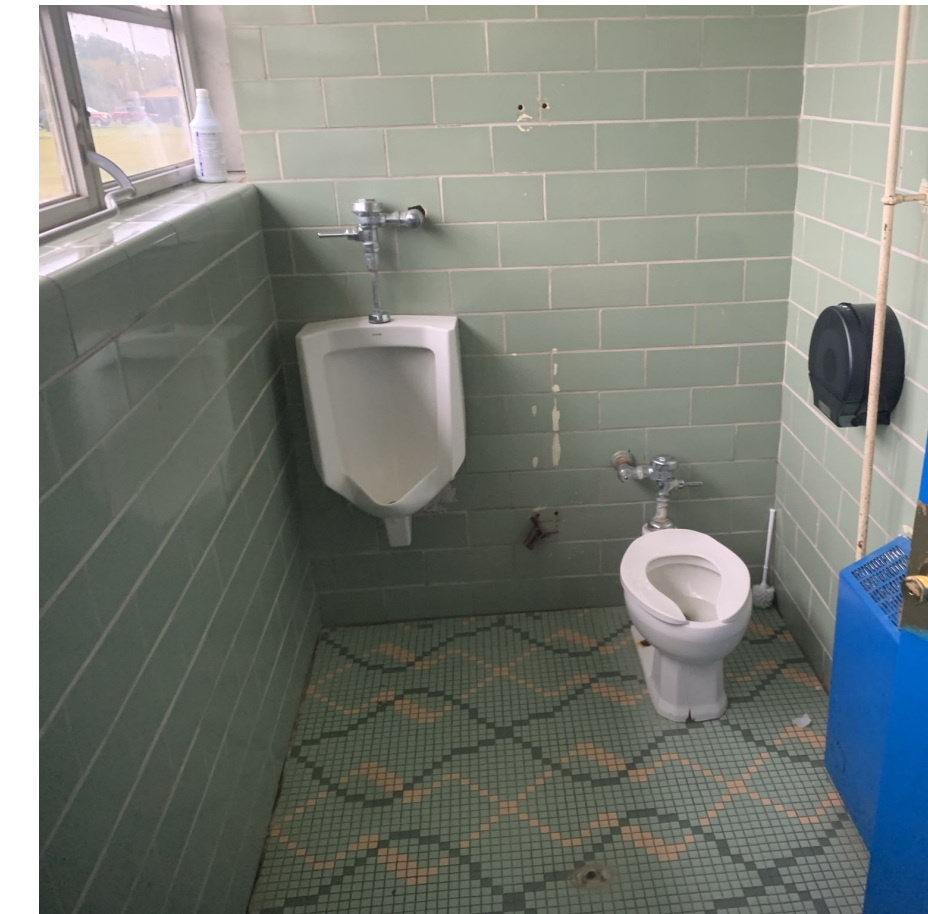
Front of School



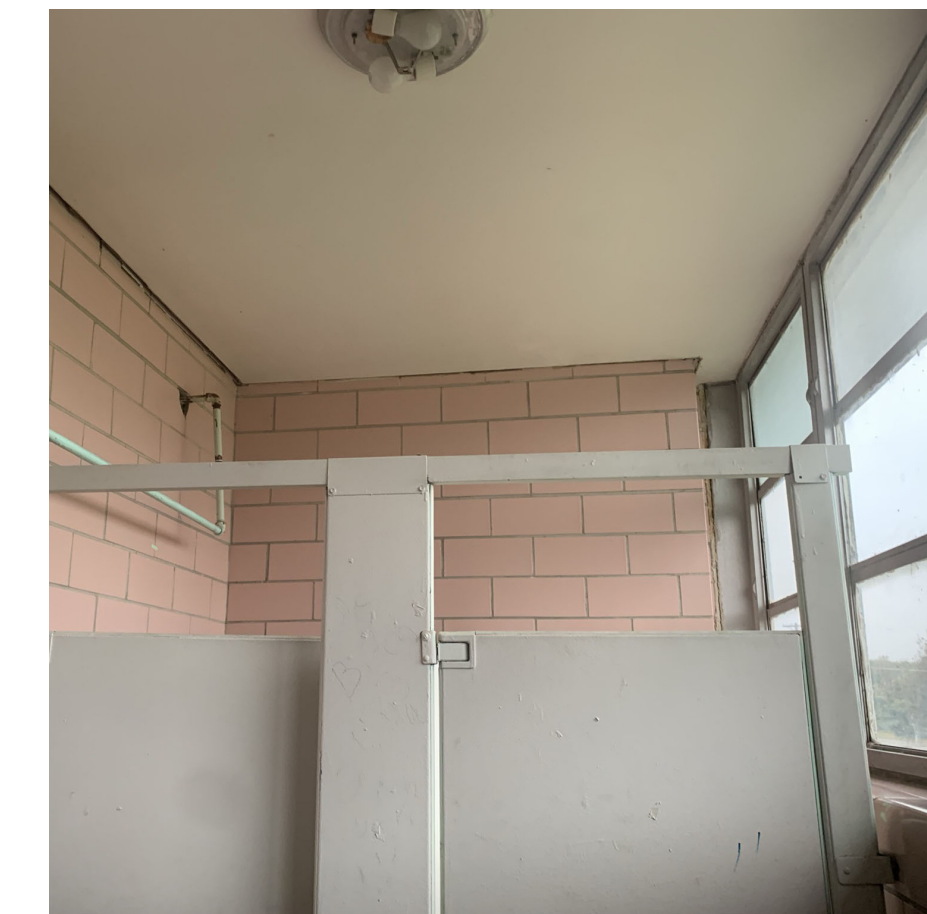
Womens 65



Mens 61



Womens 119



Mens 118

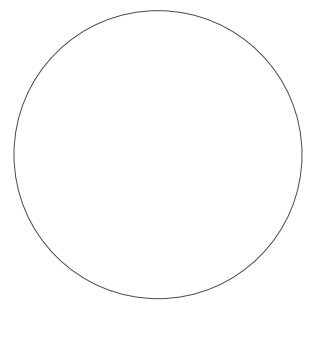
Architects

One Jackson Place 250
188 East Capitol Street
Jackson, MS 39201
p 601.352.5411

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Ridgeland, MS 39157
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161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409

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Construction Documents

Project No	21027
Date	2/2/2022
Revisions	Rev Date

Not For
Construction

Sunflower Consolidated School District ESSER 2&3 Phase I
Lockard Elementary School: 302 College Ave., Indianola, MS 38751

Construction
Documents

Project No	21027
Date	Issue Date
Revisions	Rev Date

General RCP Demolition Notes

1. Where ceiling transitions from new ceiling to existing ceiling, coordinate with Architect detail.
2. Remove all existing ceiling grid & tile unless noted otherwise, as well as any wall fasteners and/or mastics attached therein where shown to be replaced by new materials.
3. Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
4. Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
5. Burying or Burning of materials will not be permitted on site.
6. Repair any damage caused to building construction identified to remain.
7. Refer to other discipline drawings for additional demolition information as noted.
8. Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
9. Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
10. No work in rooms with ceiling open to the structure above, unless noted otherwise.



Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastener Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

1 RCP - Demolition
1/16" = 1'-0"

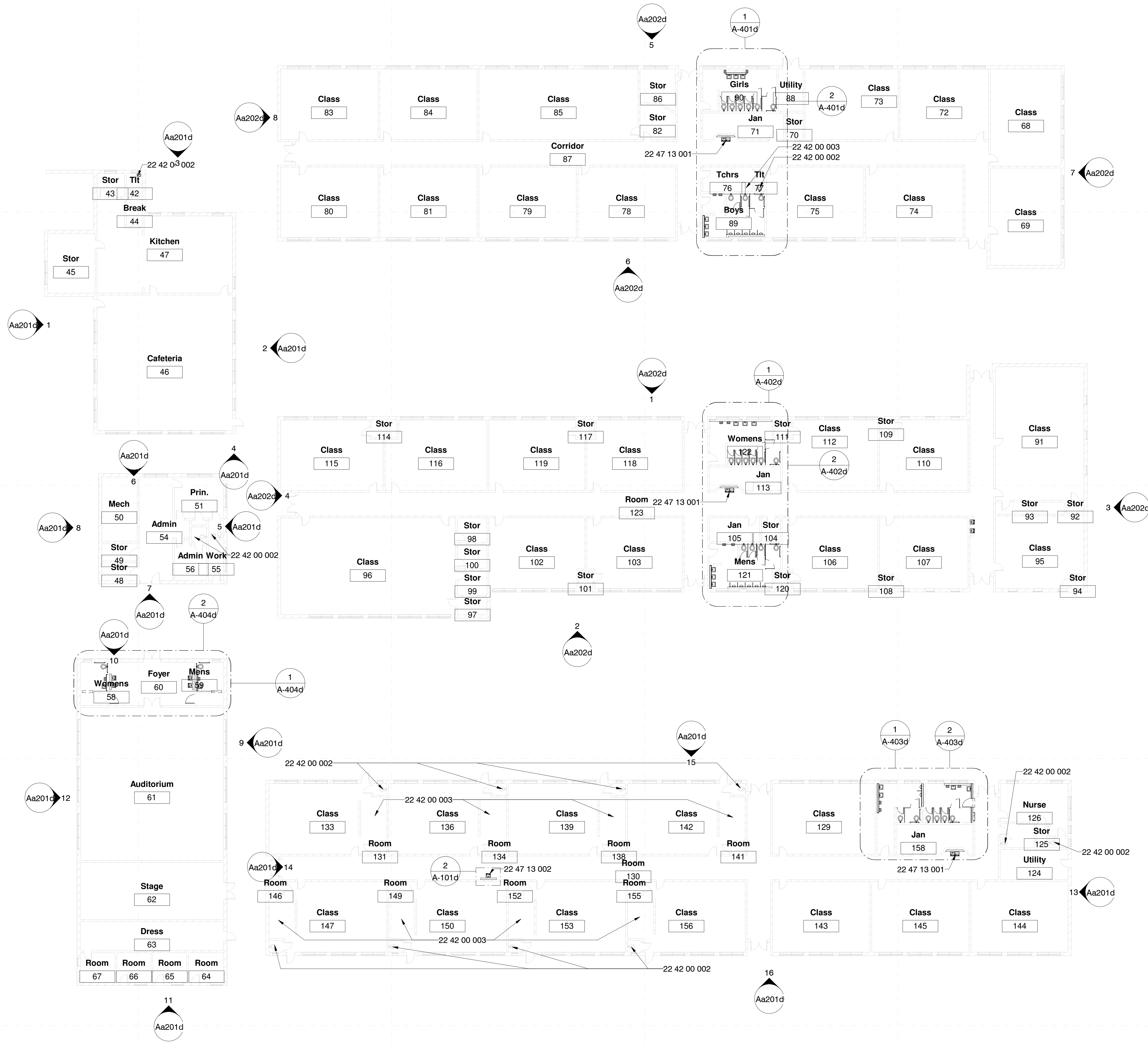
Not For Construction

Sunflower Consolidated School District ESSER 2&3 Phase I
Lockard Elementary School: 302 College Ave., Indianola, MS 38751

Construction Documents

Project No	21027
Date	Issue Date
Revisions	Rev Date

A-101d

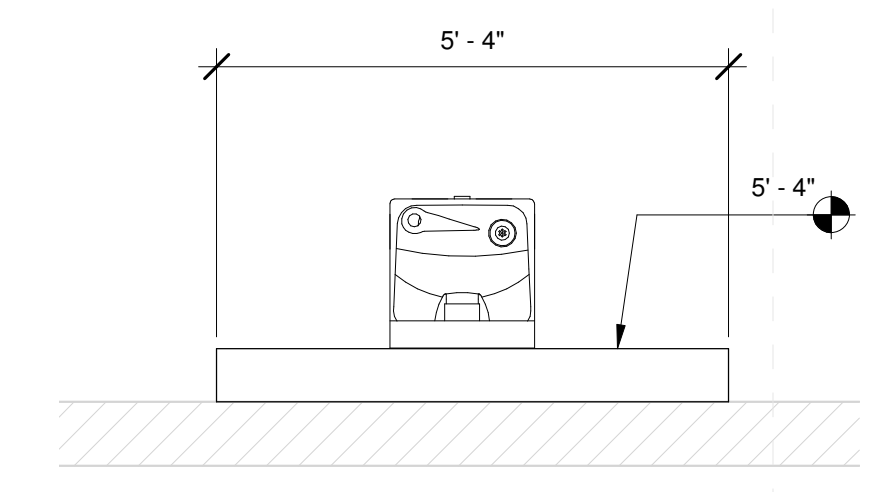


Specific Notes

- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
- 22 42 00 003 New touchless faucet at sink/cabinet; coordinate with mechanical
- 22 47 13 001 Install double drinking fountain here; coordinate with mechanical & electrical drawings
- 22 47 13 002 Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings

1 Main Floor - New Construction
1/16" = 1'-0"

2 Fountain - Central South Hall
1/2" = 1'-0"

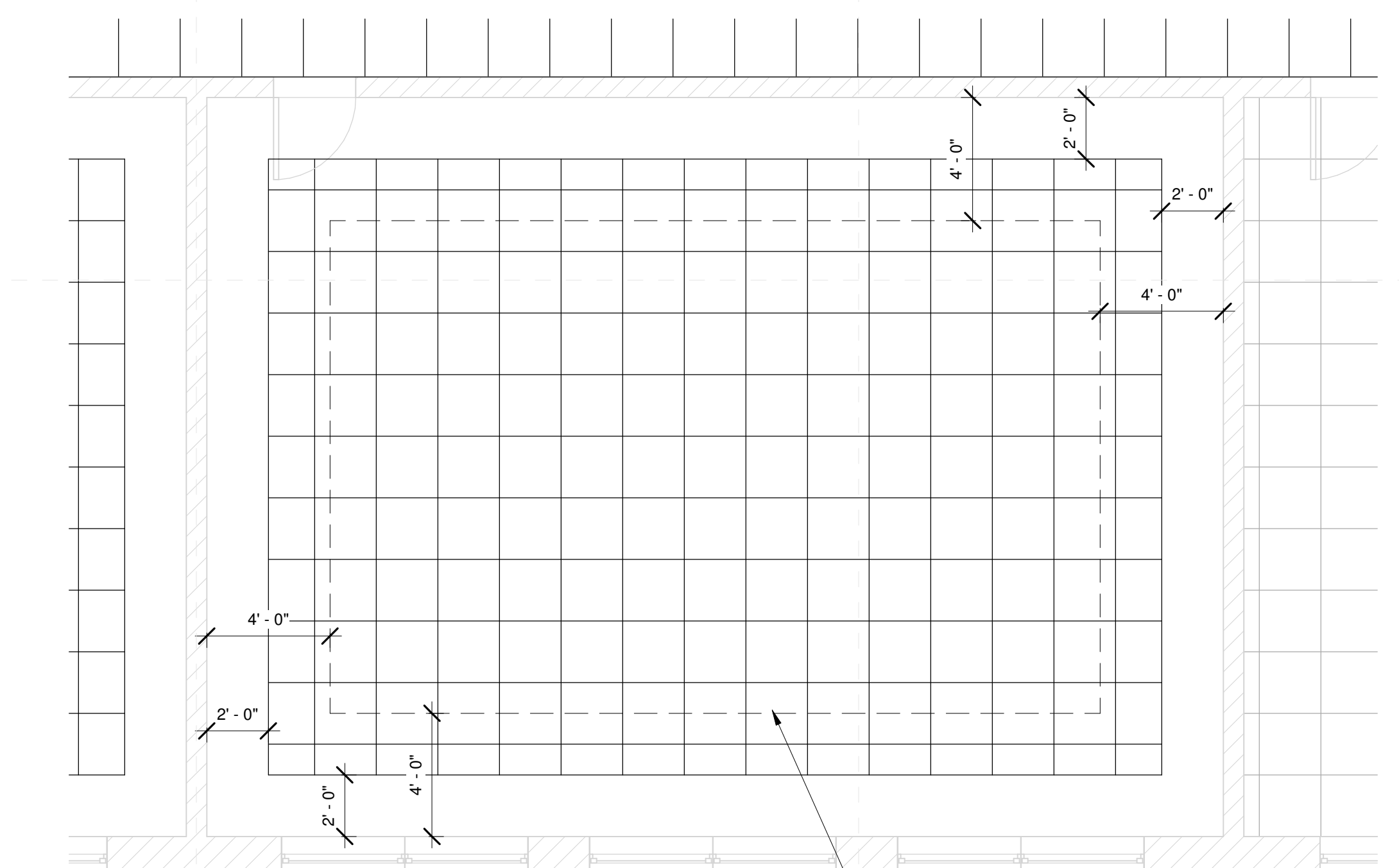
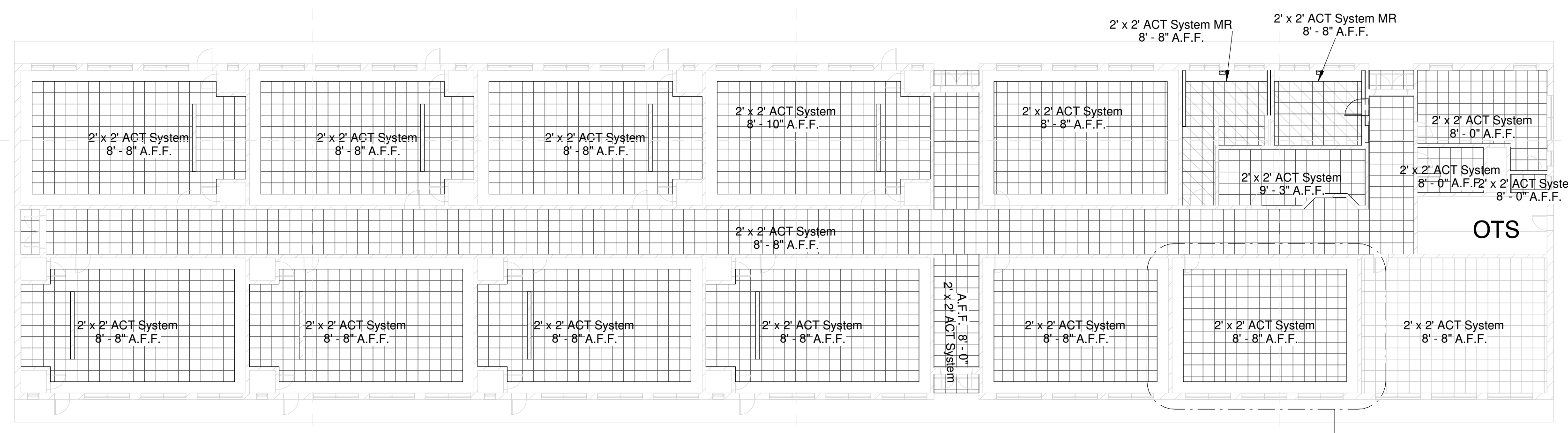
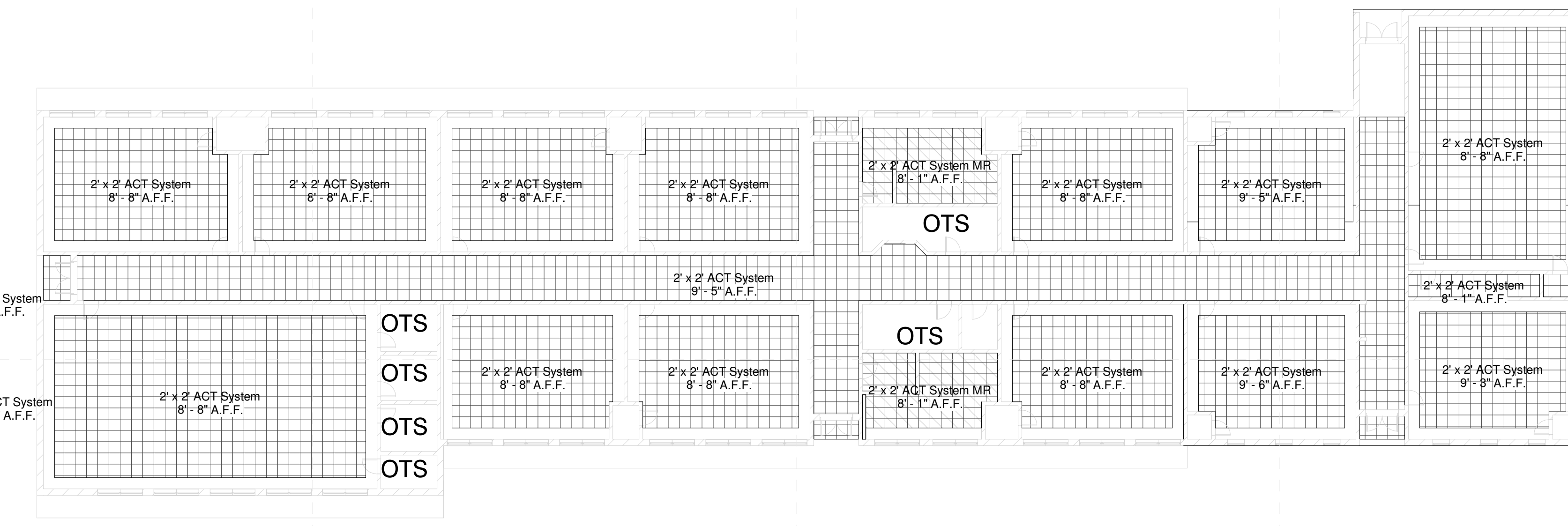
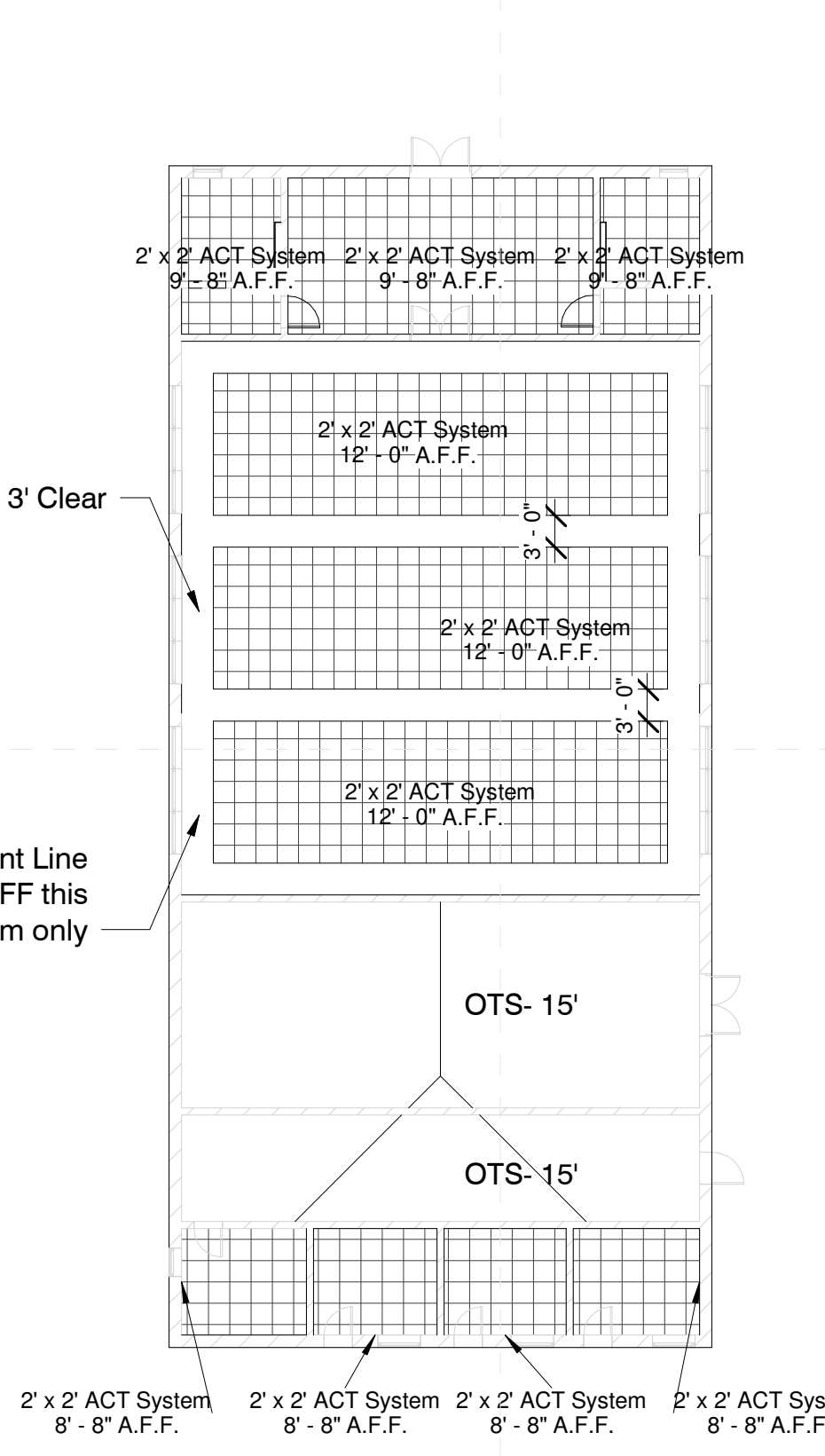
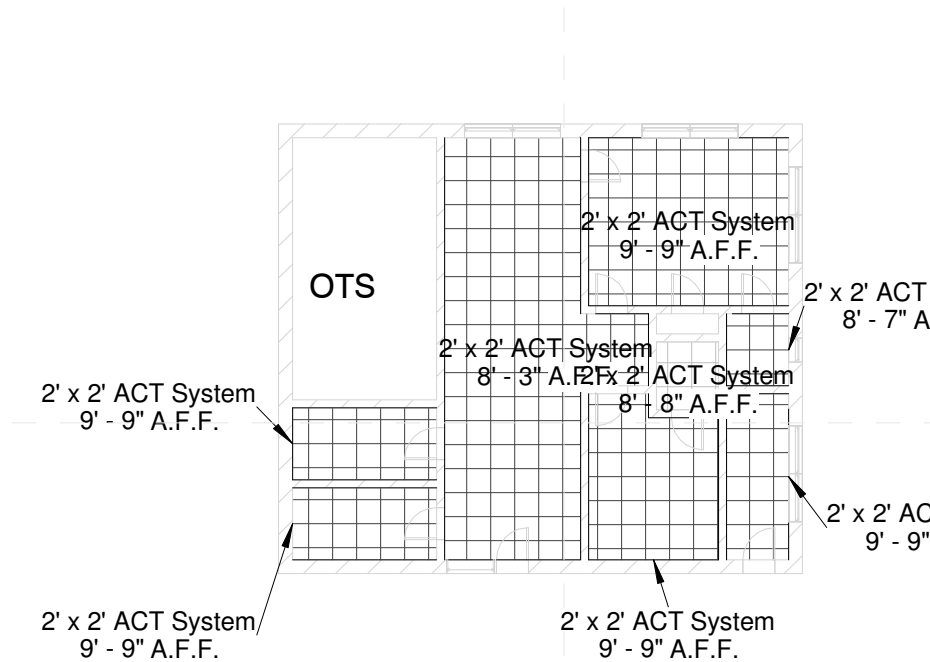
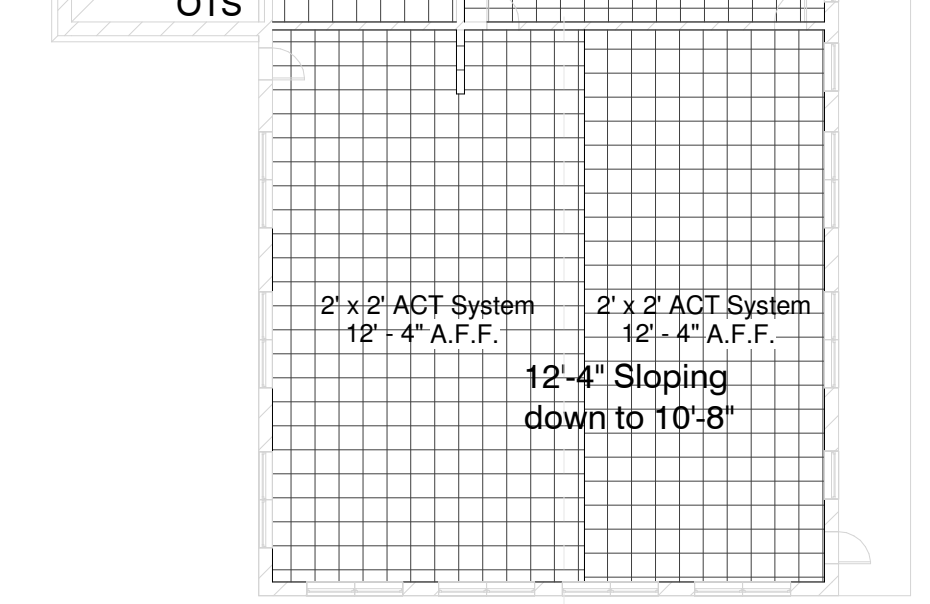
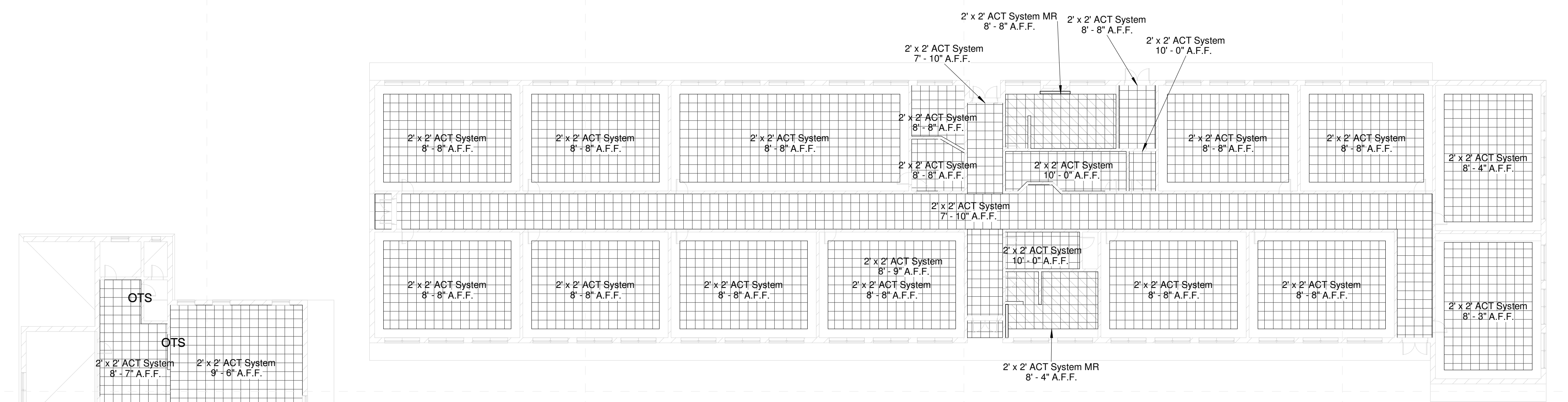


General RCP Notes

1. Install new ceiling grid and tile throughout, unless noted otherwise. Ensure that existing hangers, if reused, are secured to substrate. Any failure of existing mounting system shall be repaired by contractor.
2. All ceiling heights shall be same as existing or lower, unless noted otherwise.
3. Contractor shall paint all surfaces above 8'-8" at wall, roof, and ceiling, as well as anything attached therein at all exposed sections of ceilings where not covered by new 2x2 ACT, unless noted otherwise.
4. Repair/replace any and all ceiling damaged due to construction activities.
5. Bent ceiling grid damaged due to construction activities shall be replaced or bent to appear as new in shape.

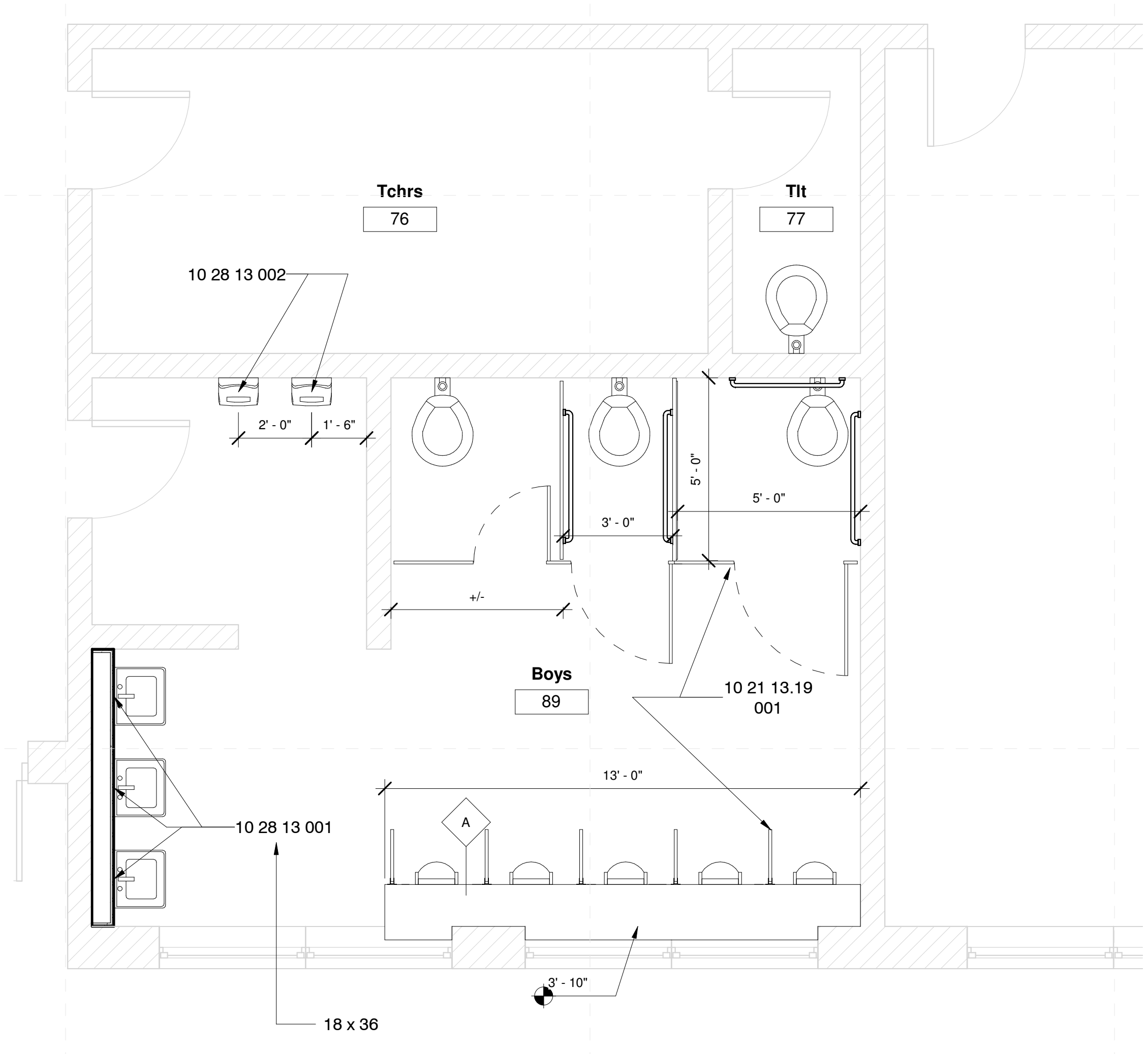
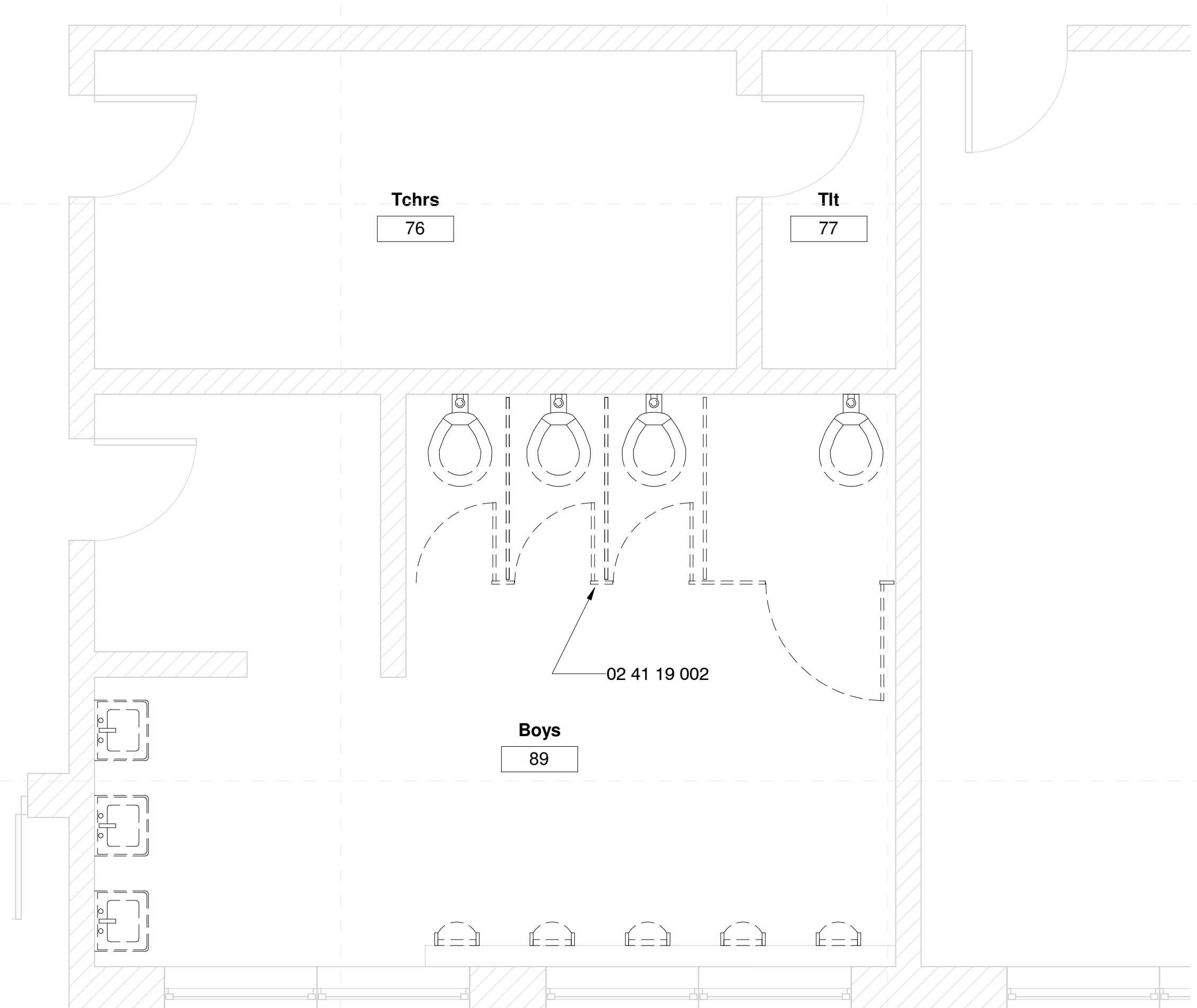
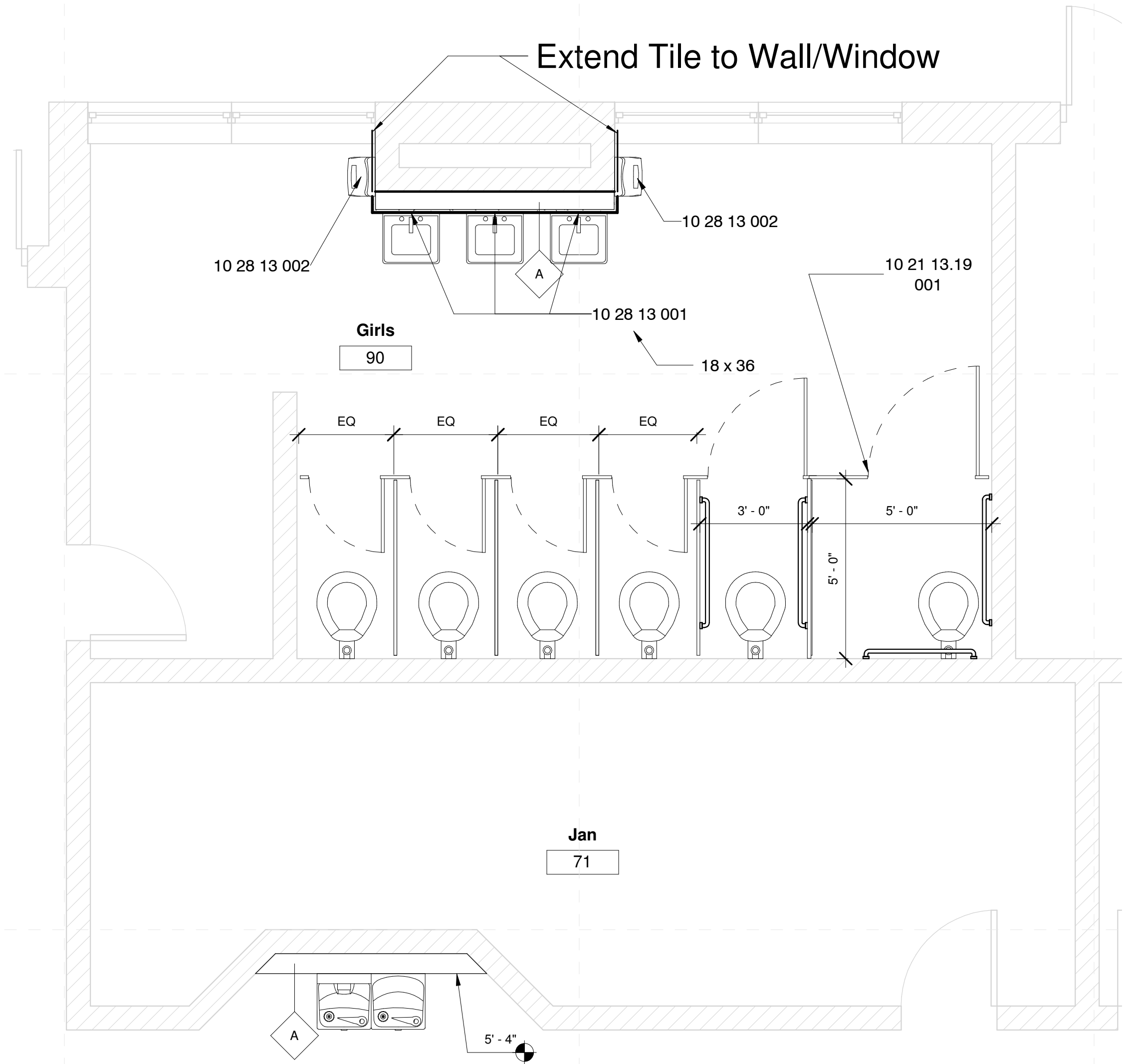
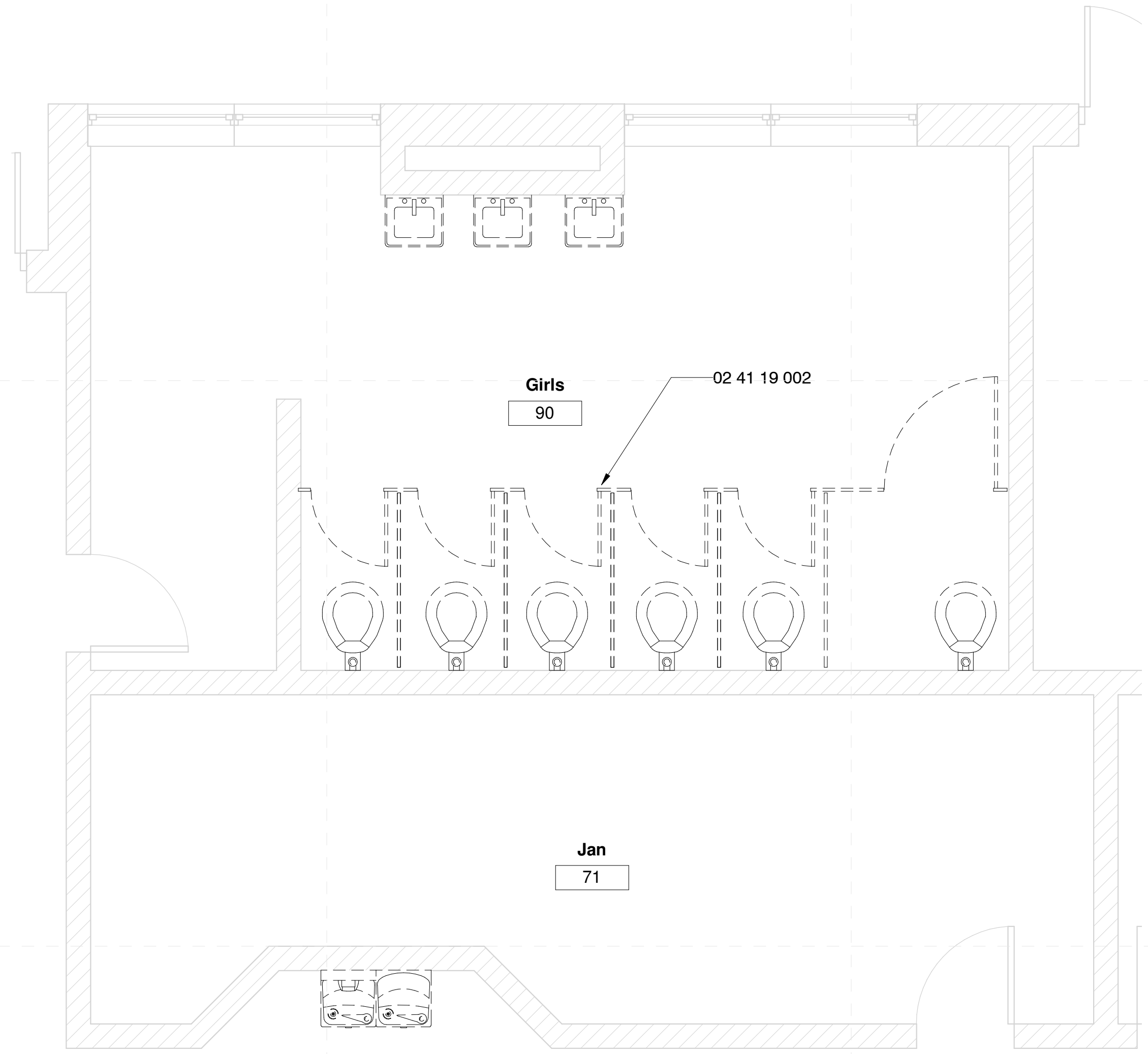
Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastender Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)



1 RCP - New Construction
1/16" = 1'-0"

2 Typical Ceiling Layout
1/4" = 1'-0"



1 Toilets (North) - Demolition
3/8" = 1'-0"

2 Toilets (North) - New Construction
3/8" = 1'-0"

General Demolition Notes

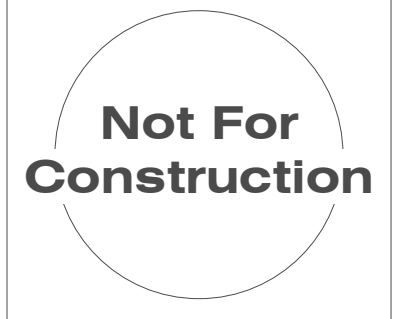
- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
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- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

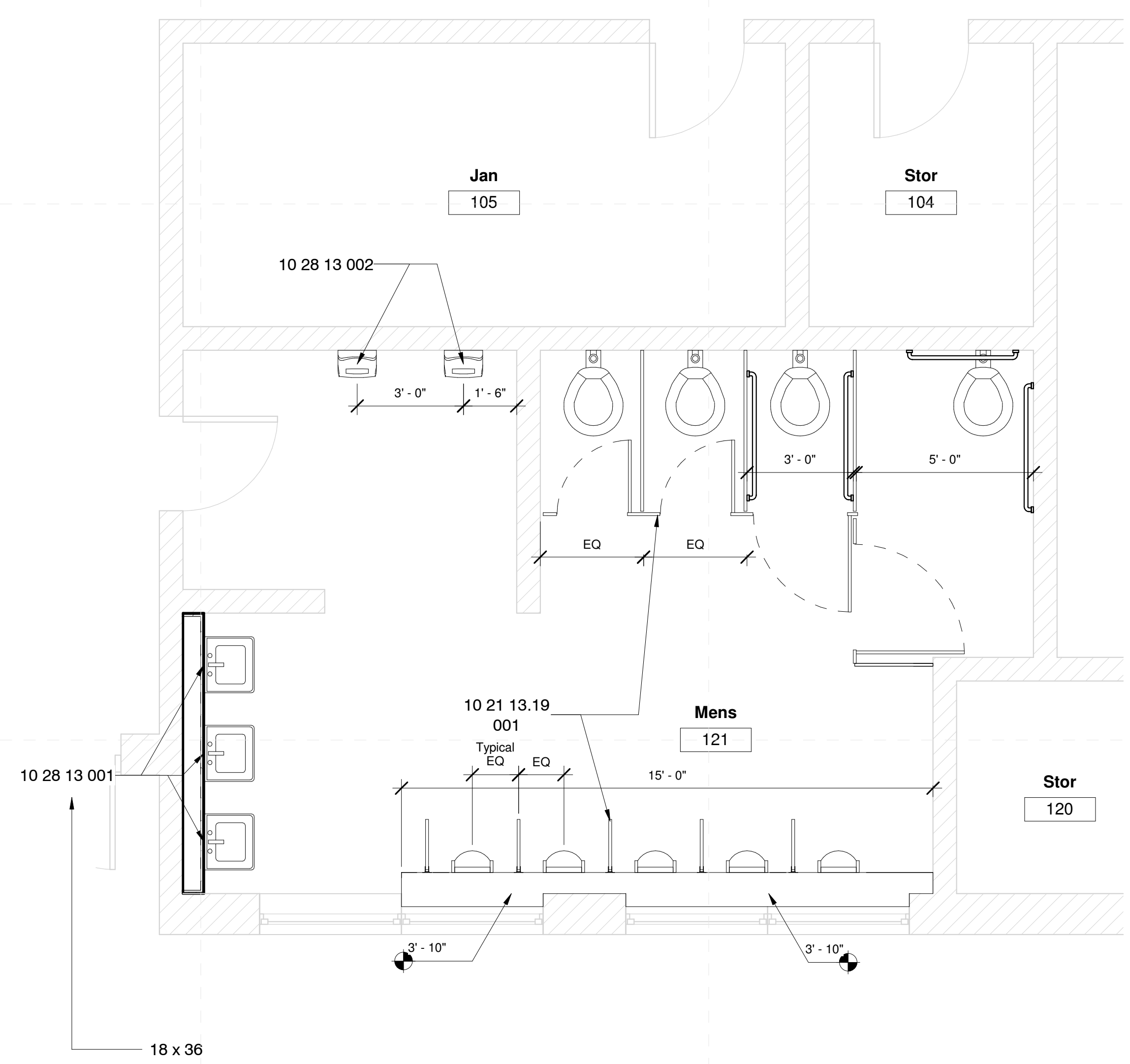
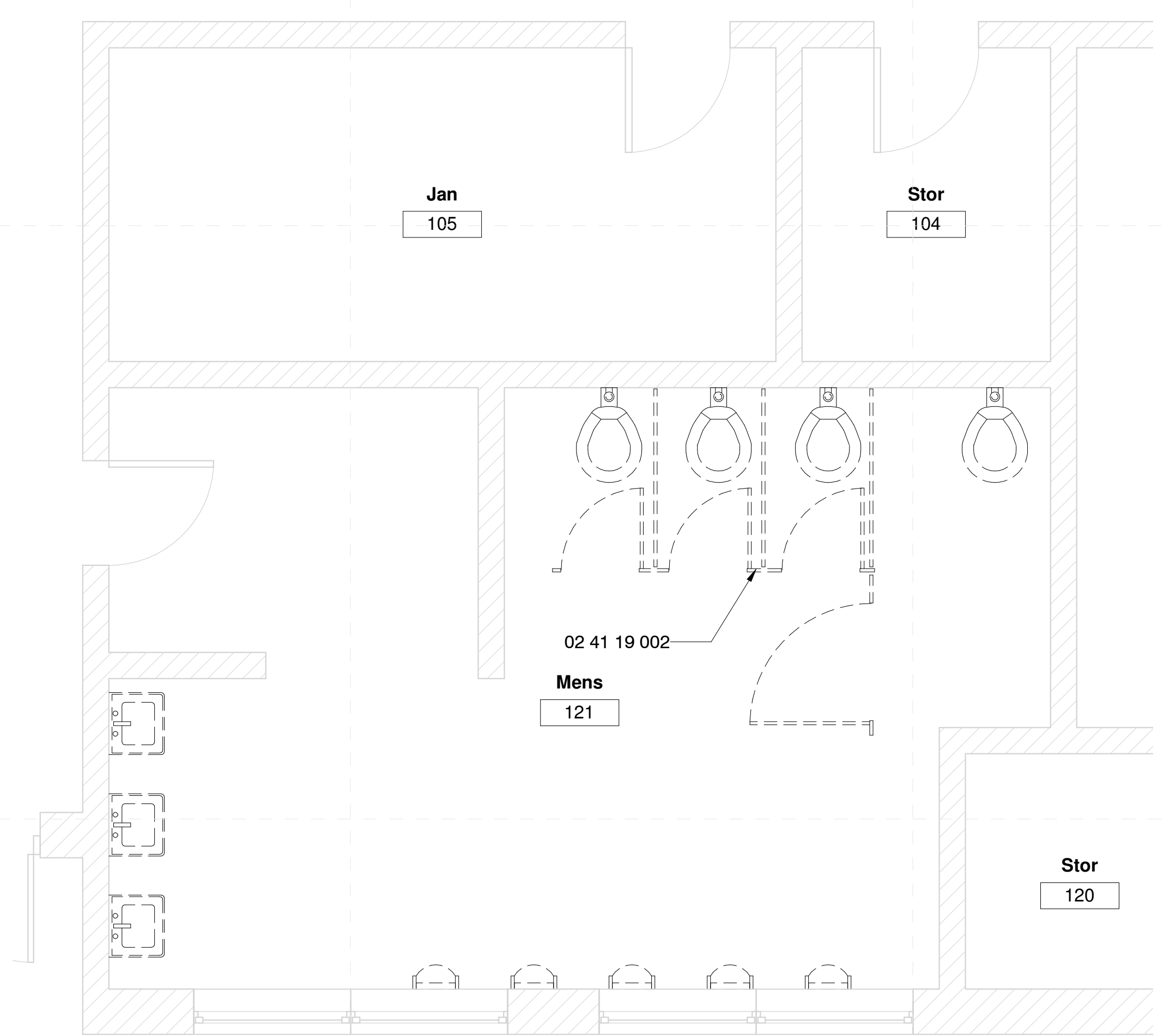
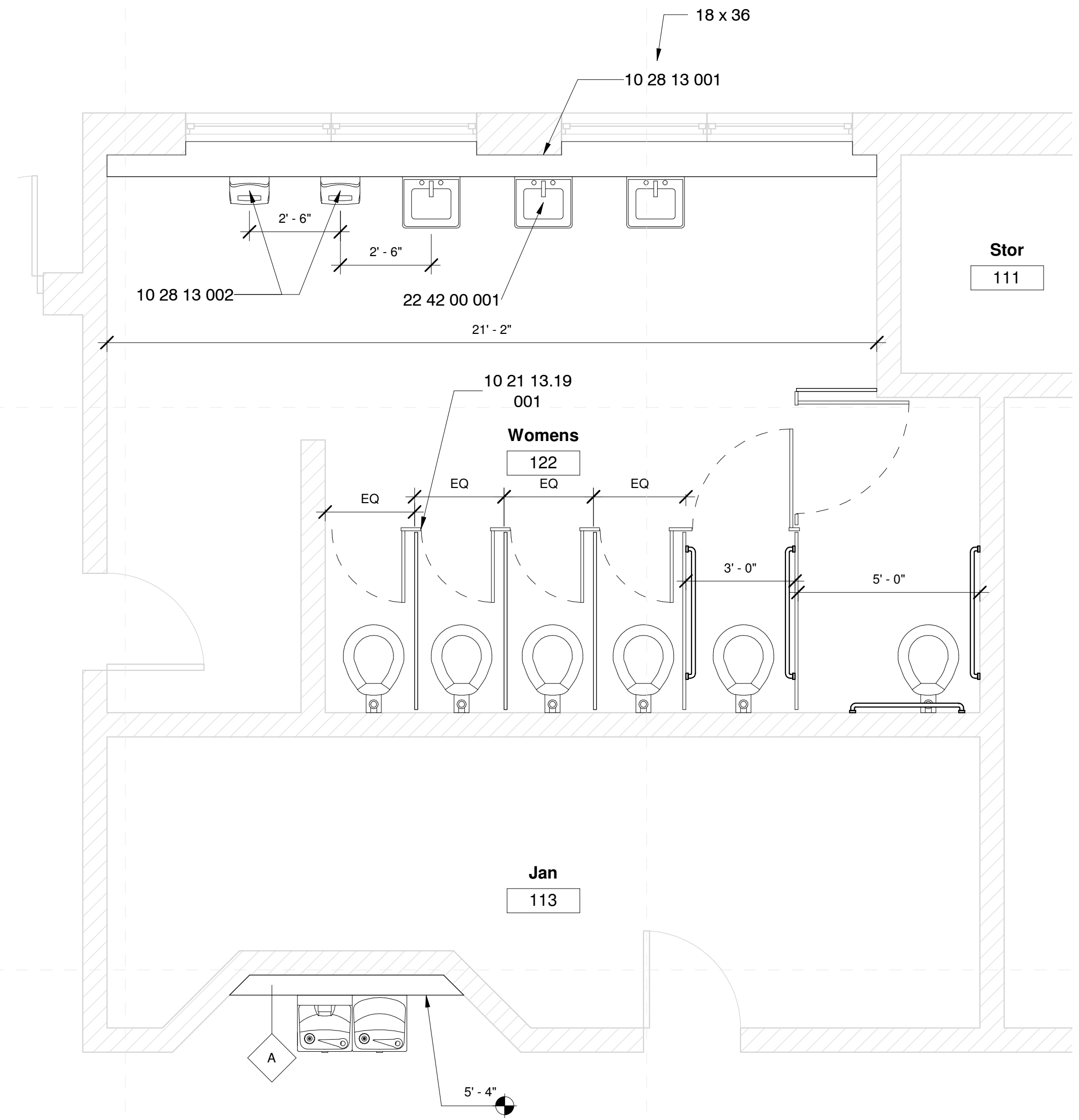
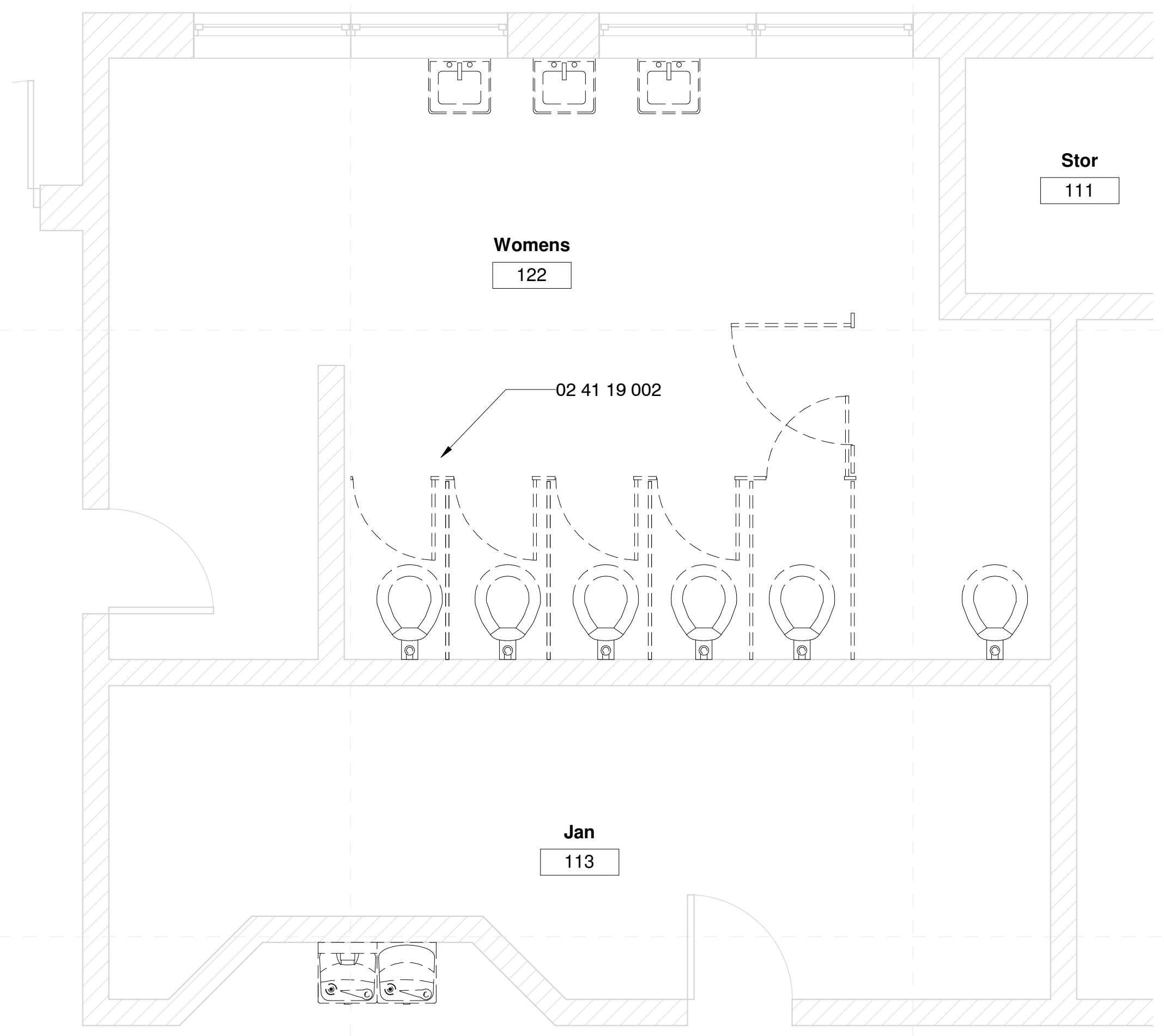
Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Paint all exposed CMU at renovated toilets.
- Paint all tile wainscot.
- Clean floor grout and reseat.





1 Toilets (Central) - Demolition
3/8" = 1'-0"

2 Toilets (Central) - New Construction
3/8" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
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Specific Notes

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10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Paint all exposed CMU at renovated toilets.
- Paint all tile wainscot.
- Clean floor grout and reseat.

DALE BAILEY
AN ASSOCIATION

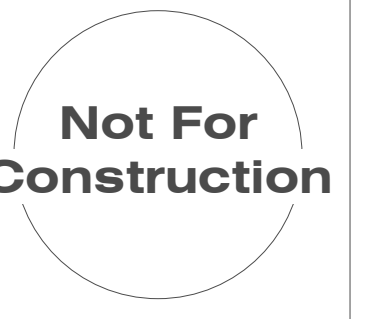
Architects

One Jackson Place 250
188 East Capitol Street
Jackson, MS 39201
p 601.352.5411

201 Park Court Suite B
Ridgeland, MS 39157
p 601.790.9432

161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409

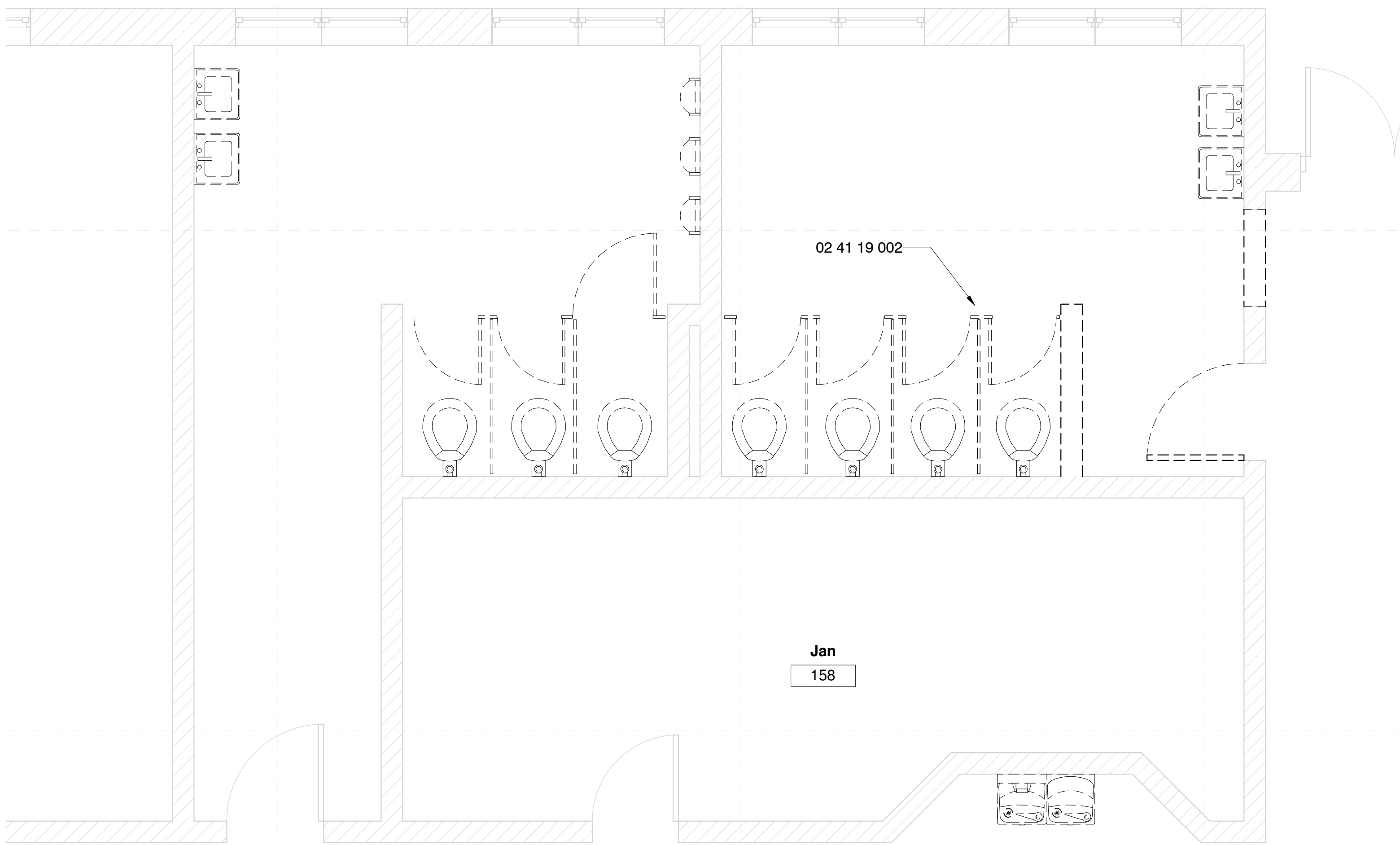
dalebaileyplans.com



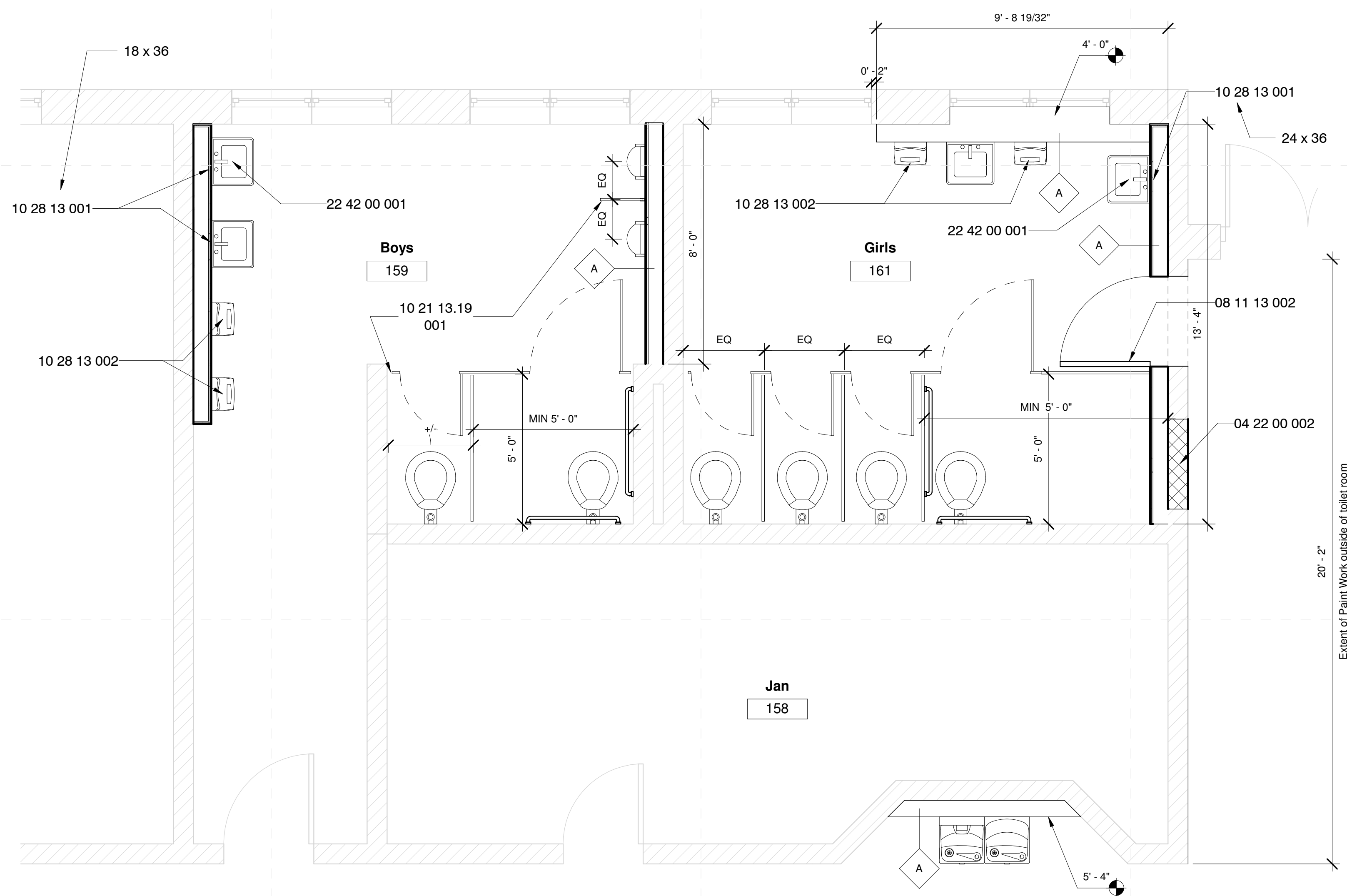
Sunflower Consolidated School District ESSER 2&3 Phase I
Lockard Elementary School: 302 College Ave., Indianola, MS 38751

Construction Documents

Project No	21027
Date	Issue Date
Revisions	Rev Date



1 Toilets (South) - Demolition
3/8" = 1'-0"



2 Toilets (South) - New Construction
3/8" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

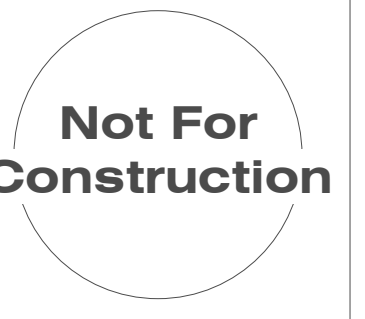
Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
04 22 00 002	Remove steel jambs; install new masonry block to match pattern and grout lines of existing; paint entire wall surface (existing & new) for match
08 11 13 002	Install new 36" HM Door and Frame with new hardware
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

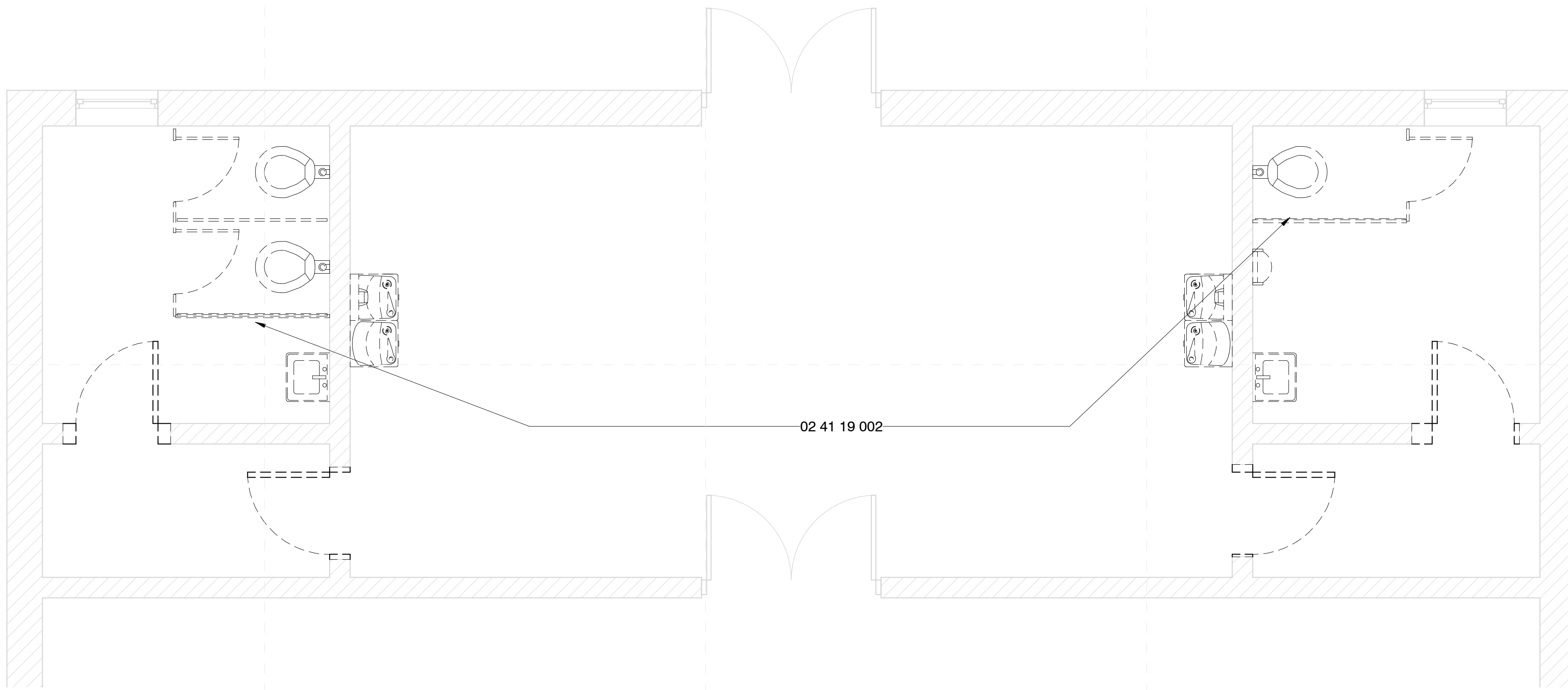
General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Paint all exposed CMU at renovated toilets.
- Paint all tile wainscot.
- Clean floor grout and reseal.

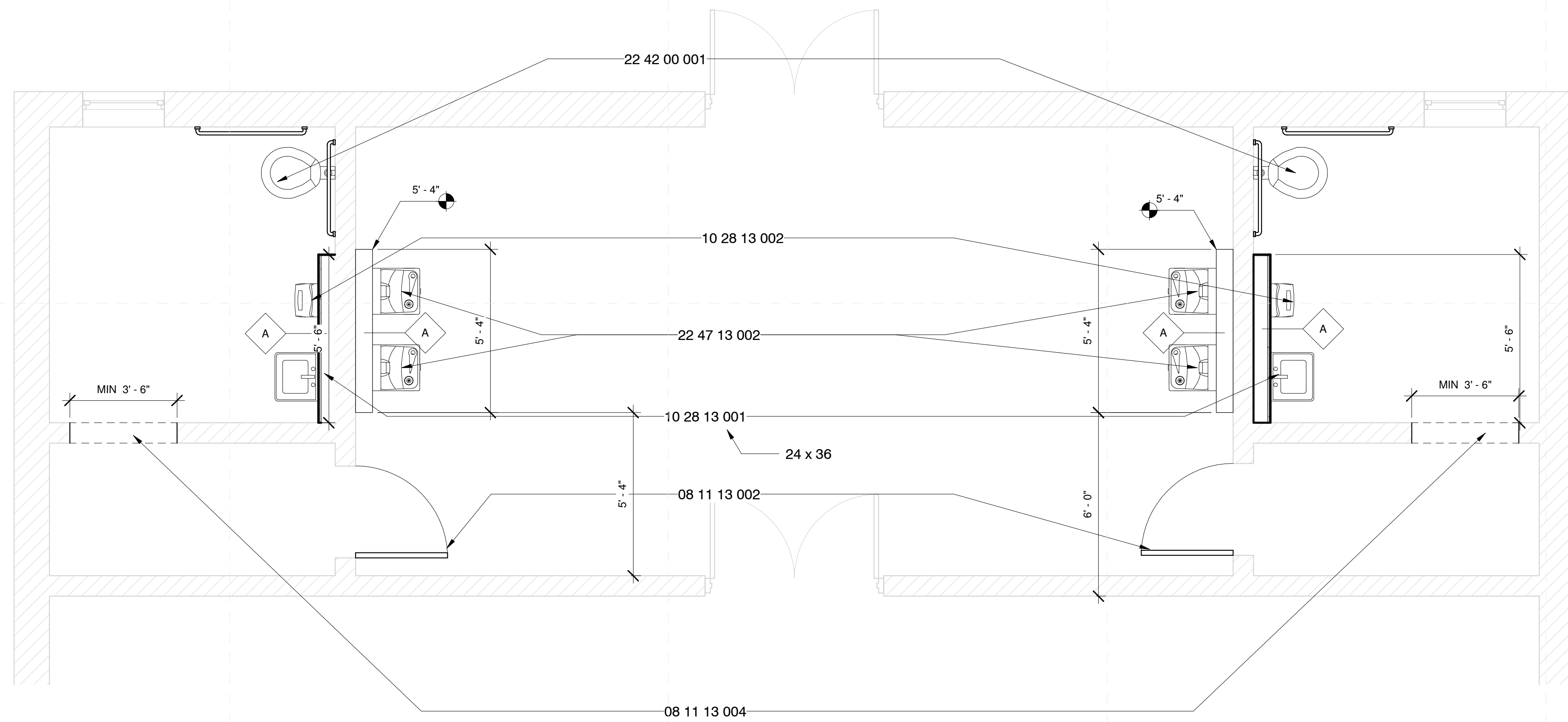
Architects
One Jackson Place 250
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Project No	21027
Date	Issue Date
Revisions	Rev Date



1 Toilets (Auditorium) - Demolition
3/8" = 1'-0"



2 Toilets (Auditorium) - New Construction
3/8" = 1'-0"

General Demolition Notes

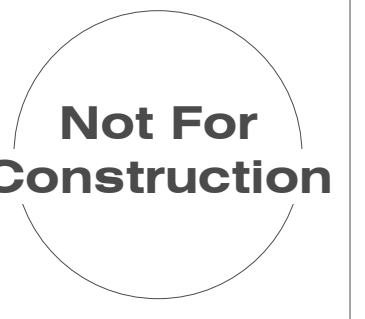
- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted.
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district. Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

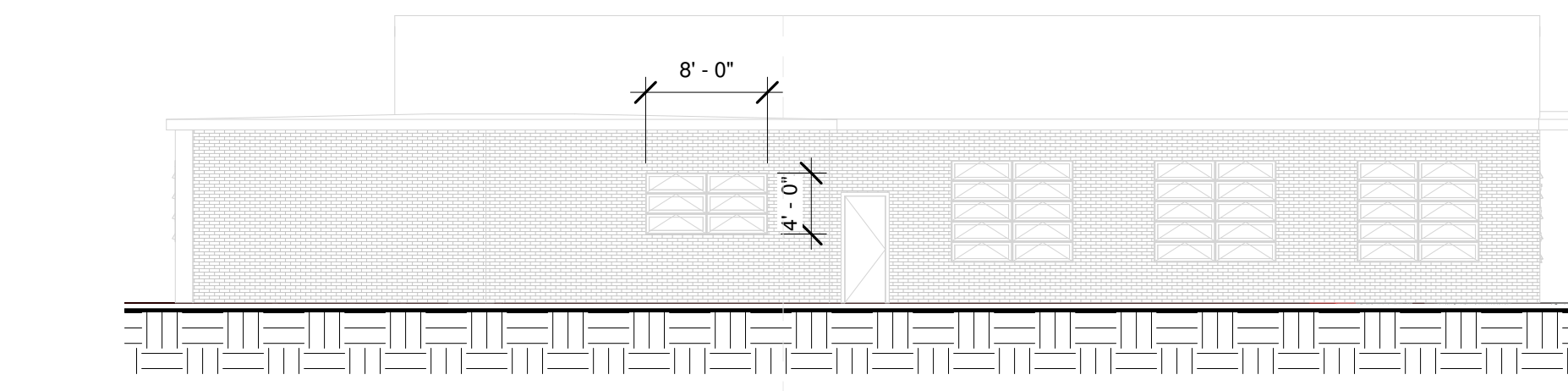
Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
08 11 13 002	Install new 36" HM Door and Frame with new hardware
08 11 13 004	Demo masonry for MIN 42" clear width at opening; finish jambs with Solid CMU & paint to match
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new
22 47 13 002	Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings

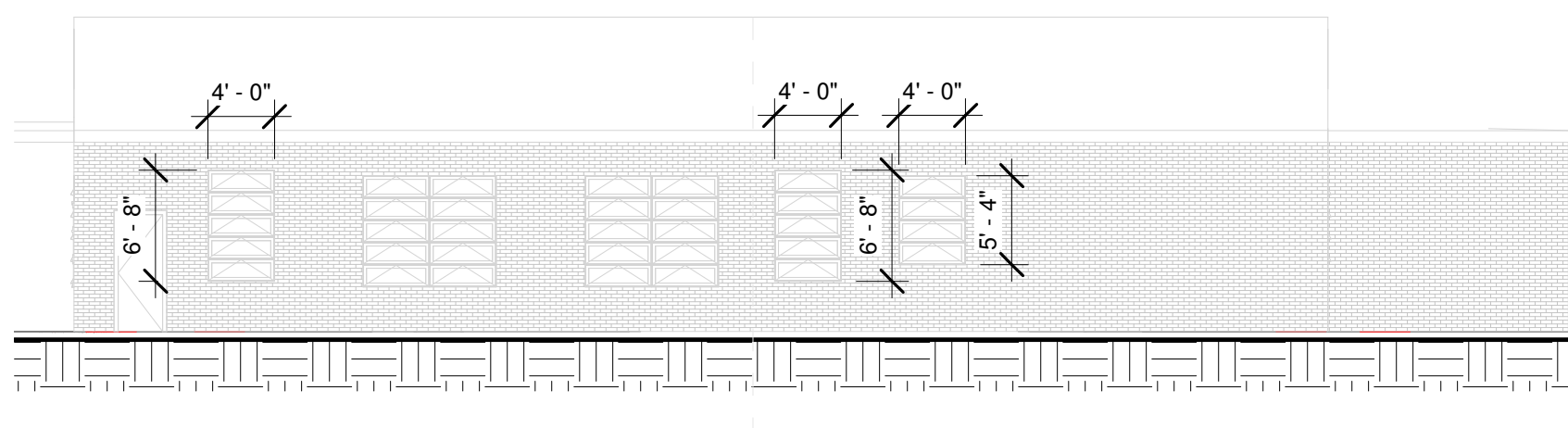
General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- New Fixture locations shall be coordinated with mechanical sheets.
- Install new grab bars at all ADA & AMB toilets
- Paint all exposed CMU at renovated toilets.
- Paint all tile wainscot.
- Clean floor grout and reseal.

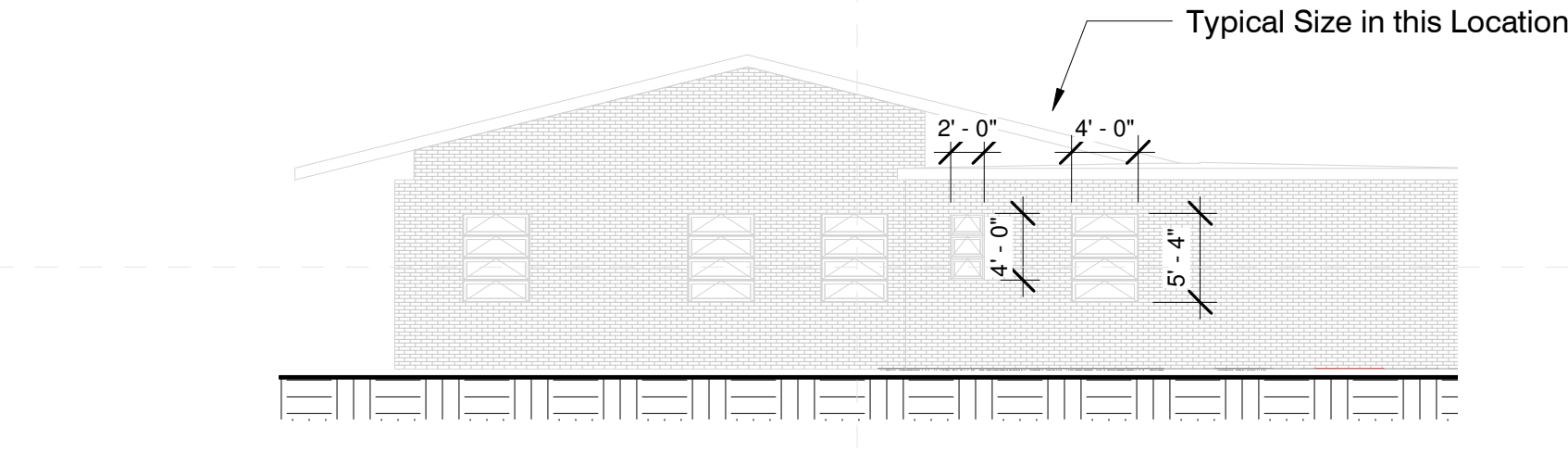




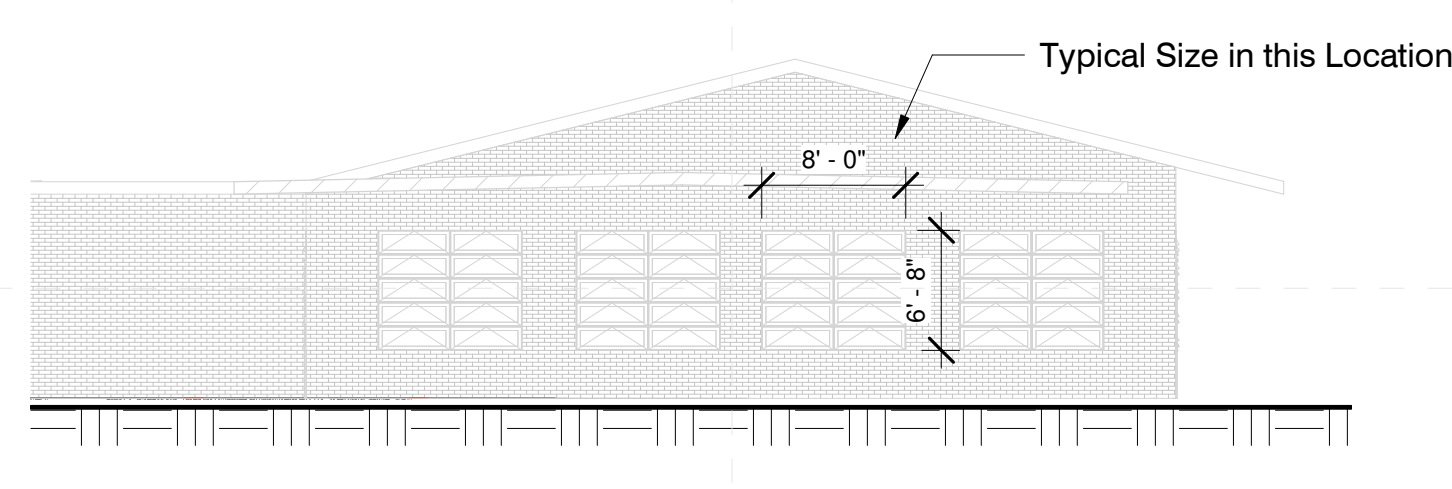
1 Cafeteria - West
3/32" = 1'-0"



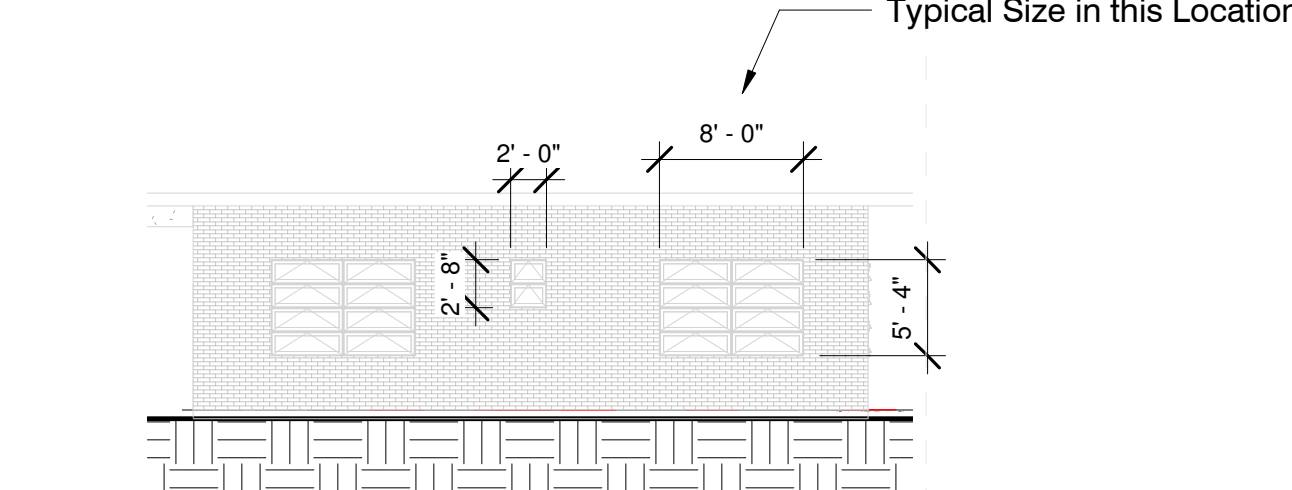
2 Cafeteria - East
3/32" = 1'-0"



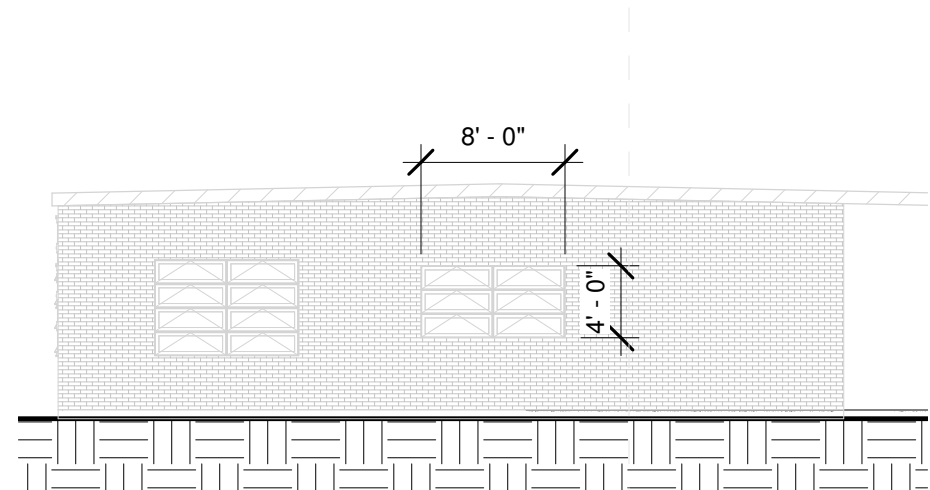
3 Cafeteria - North
3/32" = 1'-0"



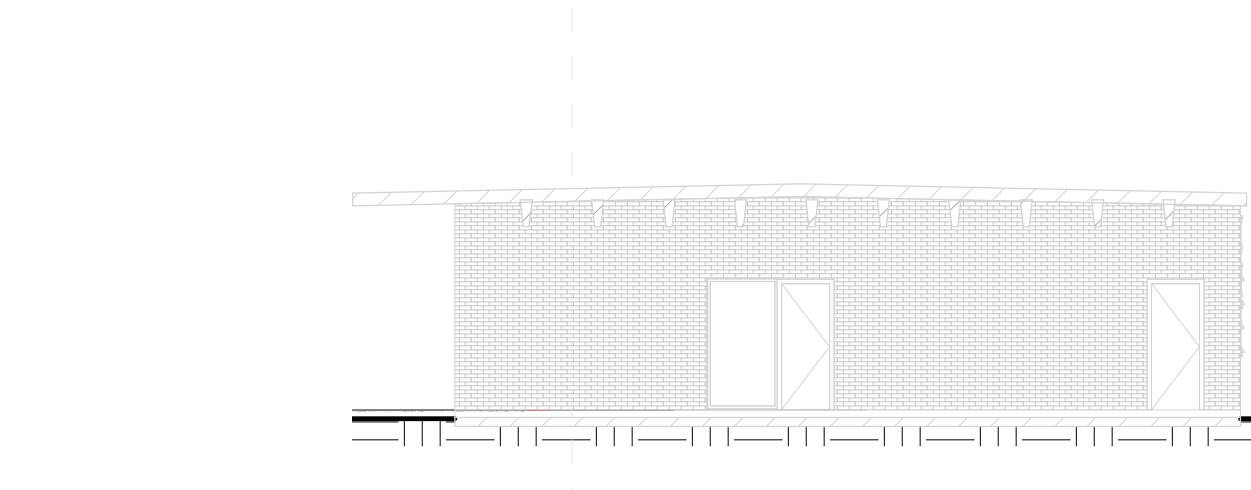
4 Cafeteria - South
3/32" = 1'-0"



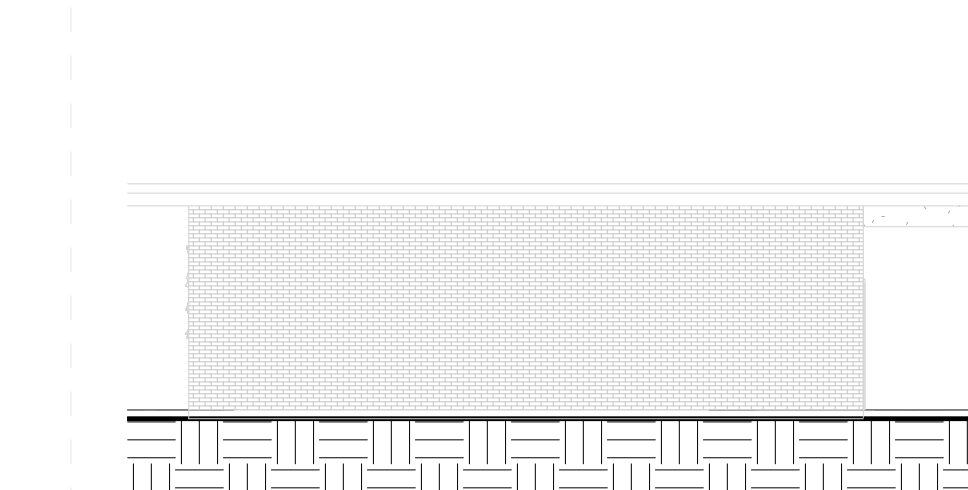
5 Admin - East
3/32" = 1'-0"



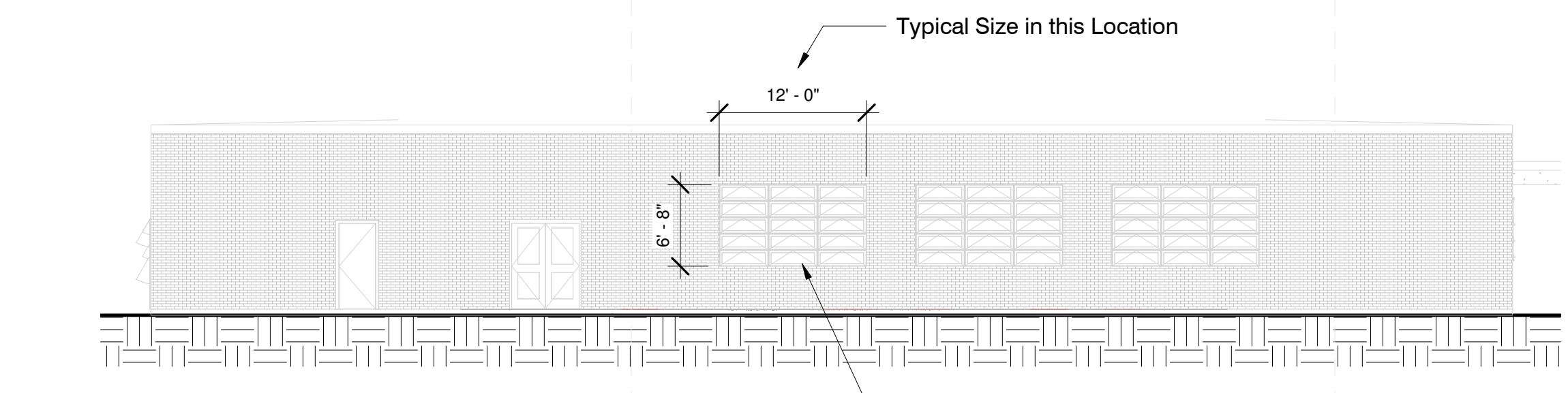
6 Admin - North
3/32" = 1'-0"



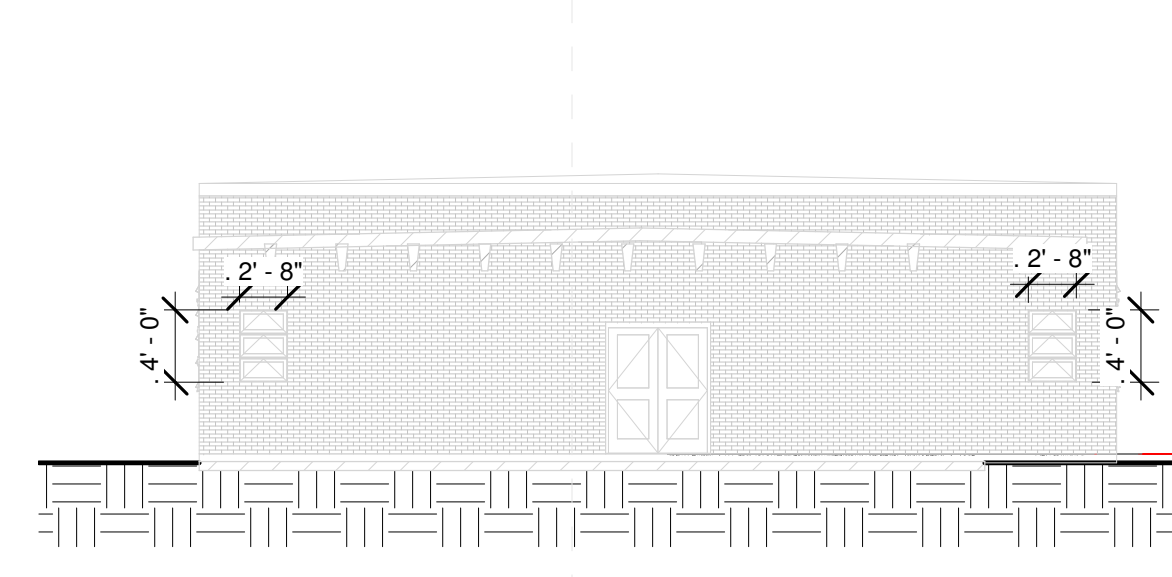
7 Admin - South
3/32" = 1'-0"



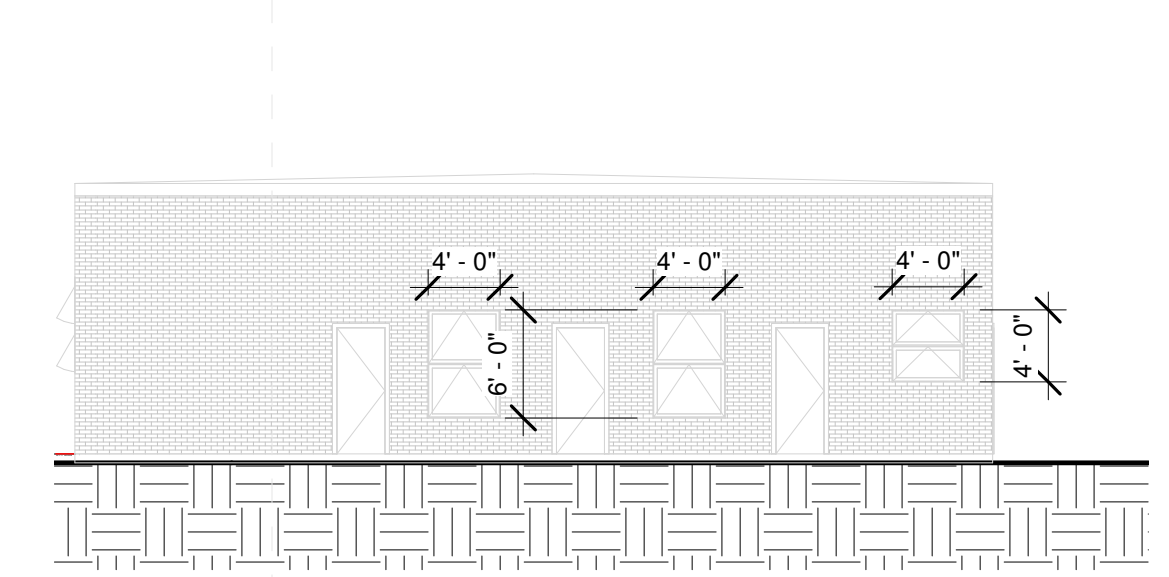
8 Admin - West
3/32" = 1'-0"



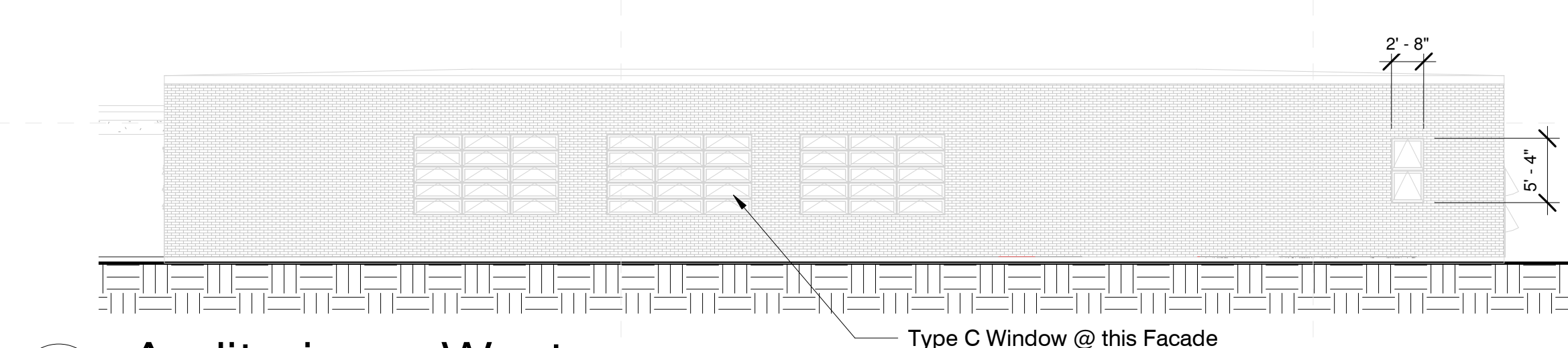
9 Auditorium - East
3/32" = 1'-0"



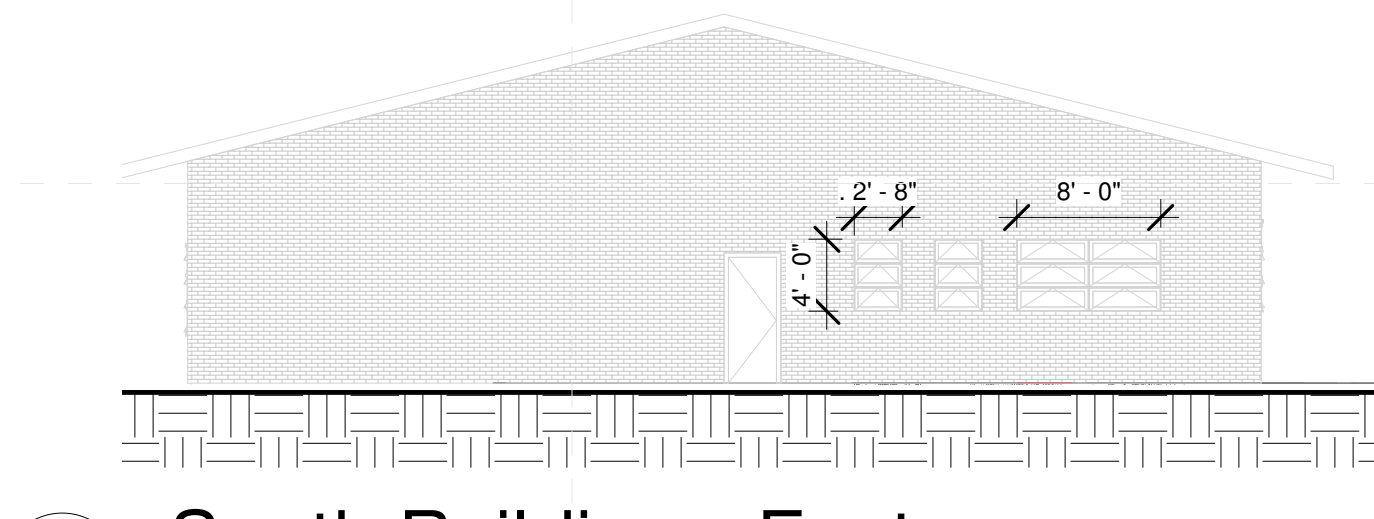
10 Auditorium - North
3/32" = 1'-0"



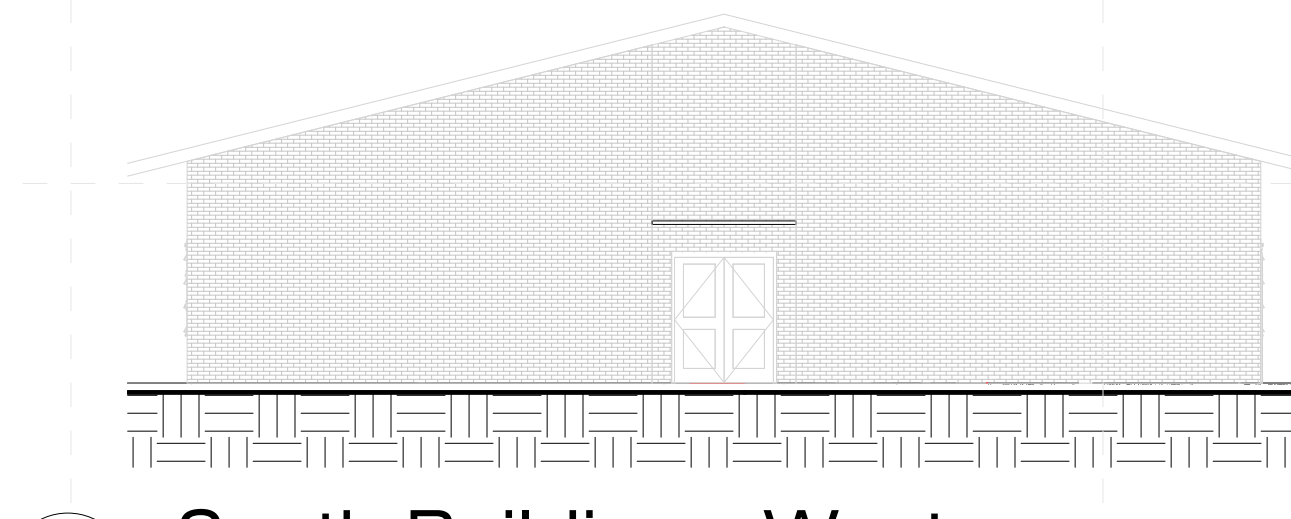
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3/32" = 1'-0"



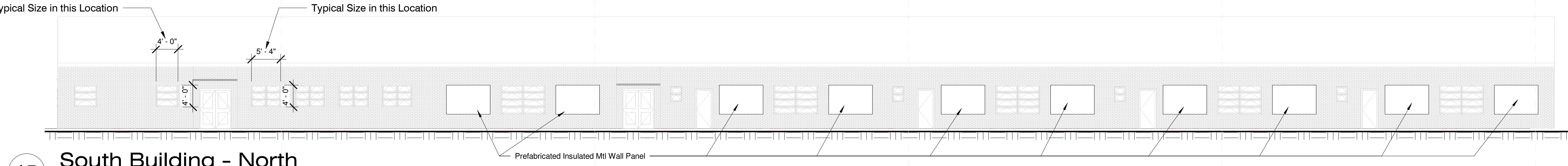
12 Auditorium - West
3/32" = 1'-0"



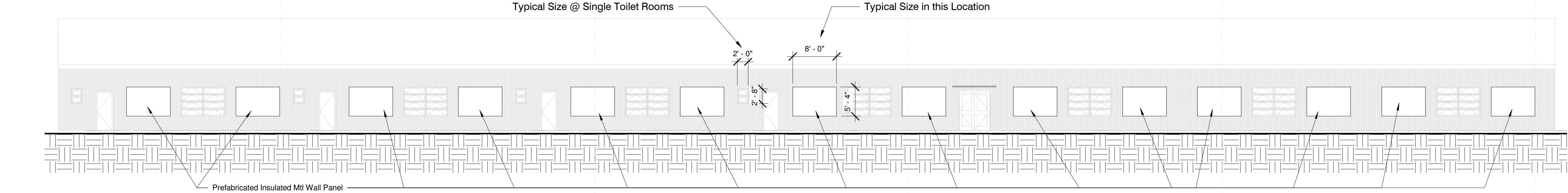
13 South Building - East
3/32" = 1'-0"



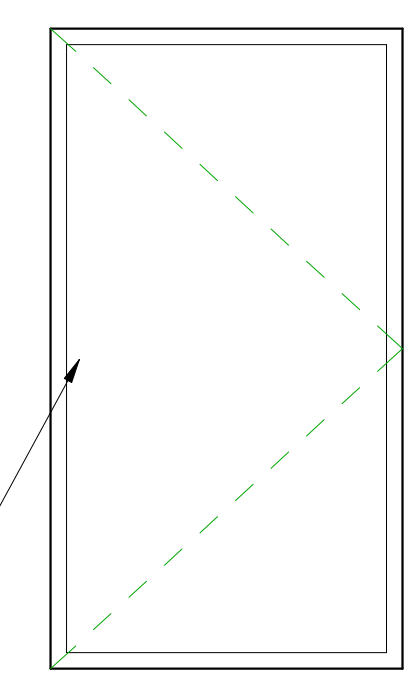
14 South Building - West
3/32" = 1'-0"



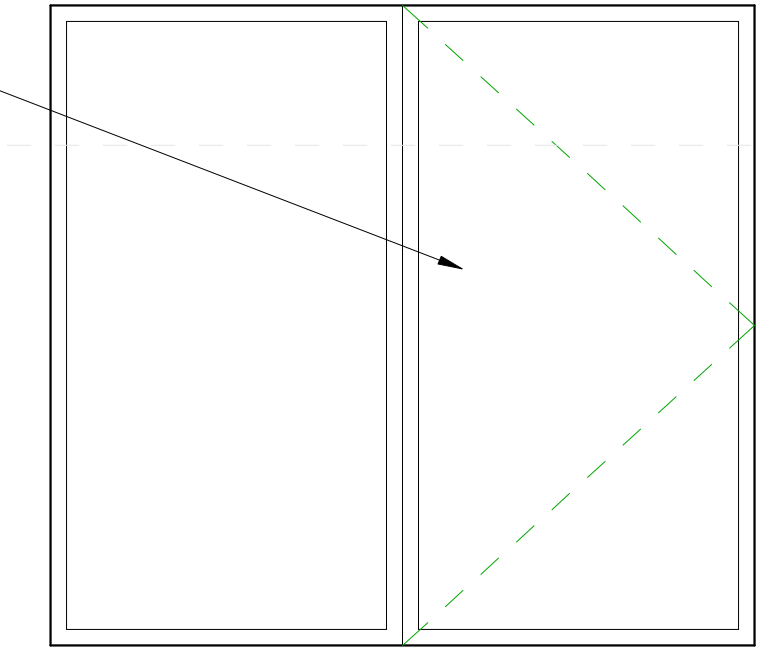
15 South Building - North
3/32" = 1'-0"



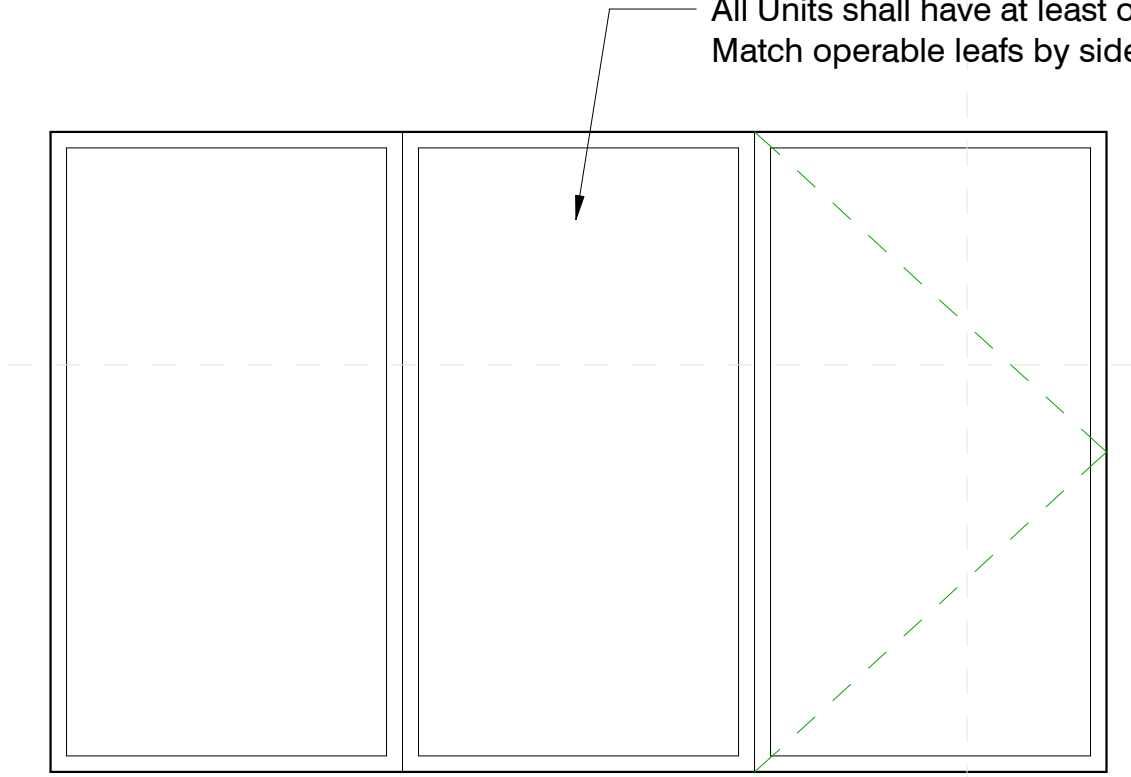
16 South Building - South
3/32" = 1'-0"



A Window (typical Single)
1/2" = 1'-0"



B Window (typical Double)
1/2" = 1'-0"



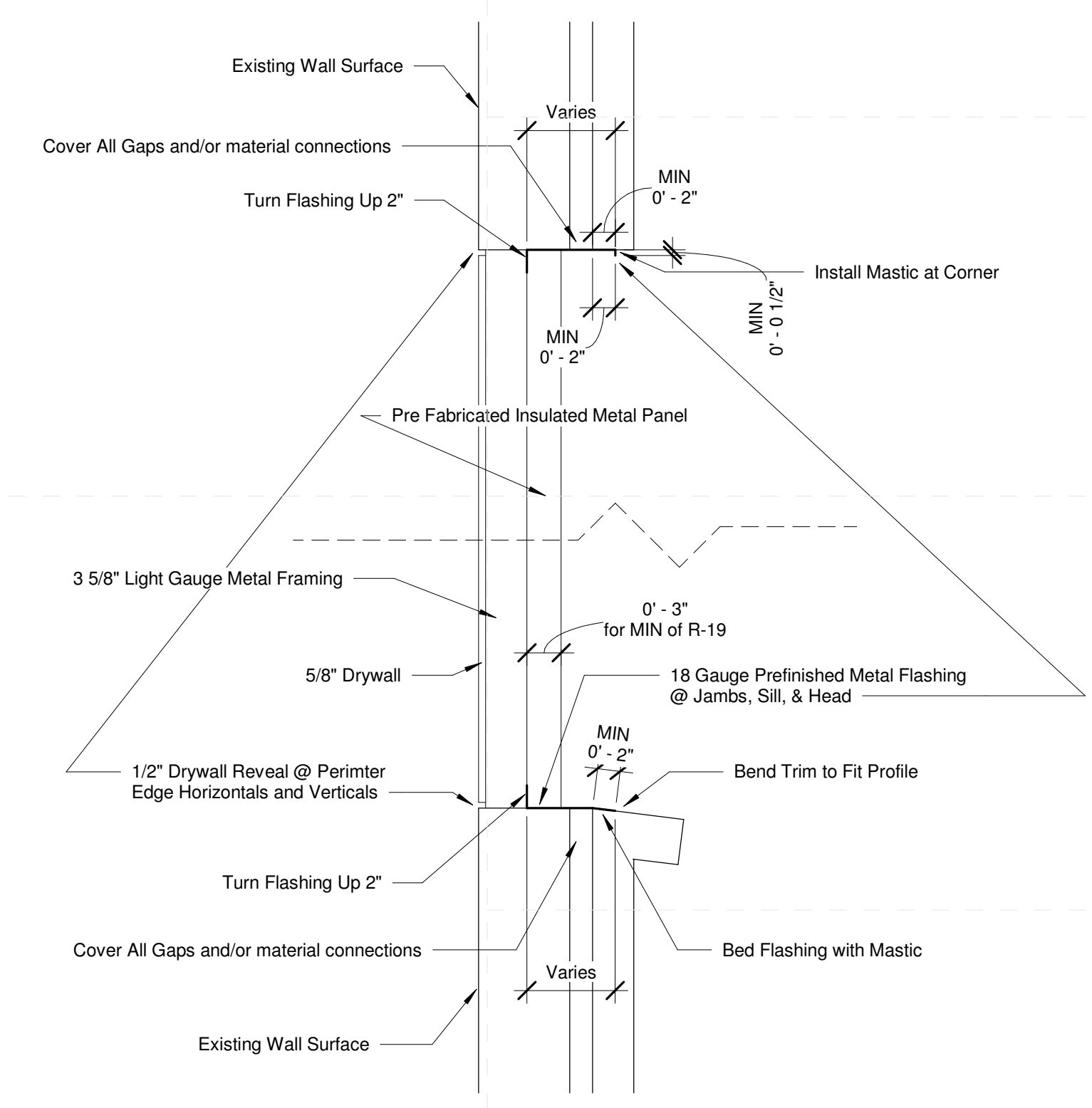
C Window (typical Triple)
1/2" = 1'-0"

General Window Demolition Notes

1. Remove window frames, fasteners, mastics, glazing, etc. so that new unit may be installed unobstructed.
2. Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
3. Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
4. Burying or Burning of materials will not be permitted on site.
5. Repair any damage caused to building construction identified to remain.
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7. Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
8. Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
9. Where areas are removed or altered (including scuffing due to installation at interior jambs, sills, and heads), patch, repair, & paint to match adjacent surface material and finish.

General Window Notes

1. Install new aluminum storefront windows to fit in existing masonry openings so that frames overlap existing material connections.
2. Seal frames at interior and exterior with mastic to prevent moisture intrusion using backer rod at all joints.
3. Window glazing shall be insulated.
4. Frames shall fit in opening so that there is no gap larger than 3/8".
5. Glazing facing south shall have a protective shading film with an SHGC of less than 0.55.
6. Windows sizes as noted; contractor shall confirm dimensions so that Note#4 is respected; refer to typical sizes if no dimensions shown on unit.
7. Install new fenestrations all windows except for toilet room windows.
8. Install frosted glass film at toilet rooms.
9. Include Lever Action Casement Hardware.



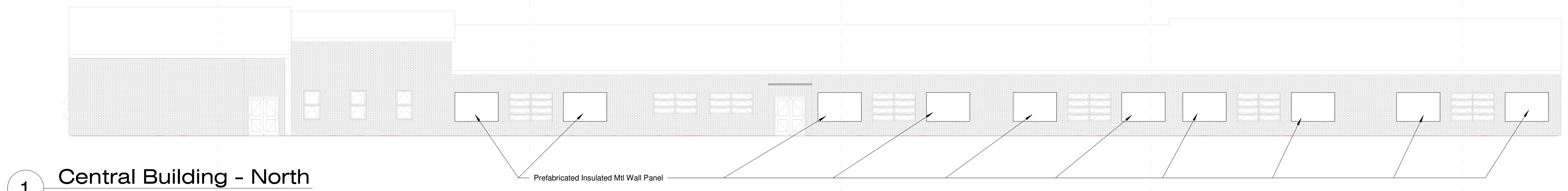
Wall Panel Detail
1" = 1'-0"

Architects
One Jackson Place 250
188 East Capitol Street
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p 601.352.5411
201 Park Court Suite B
Ridgeland, MS 39157
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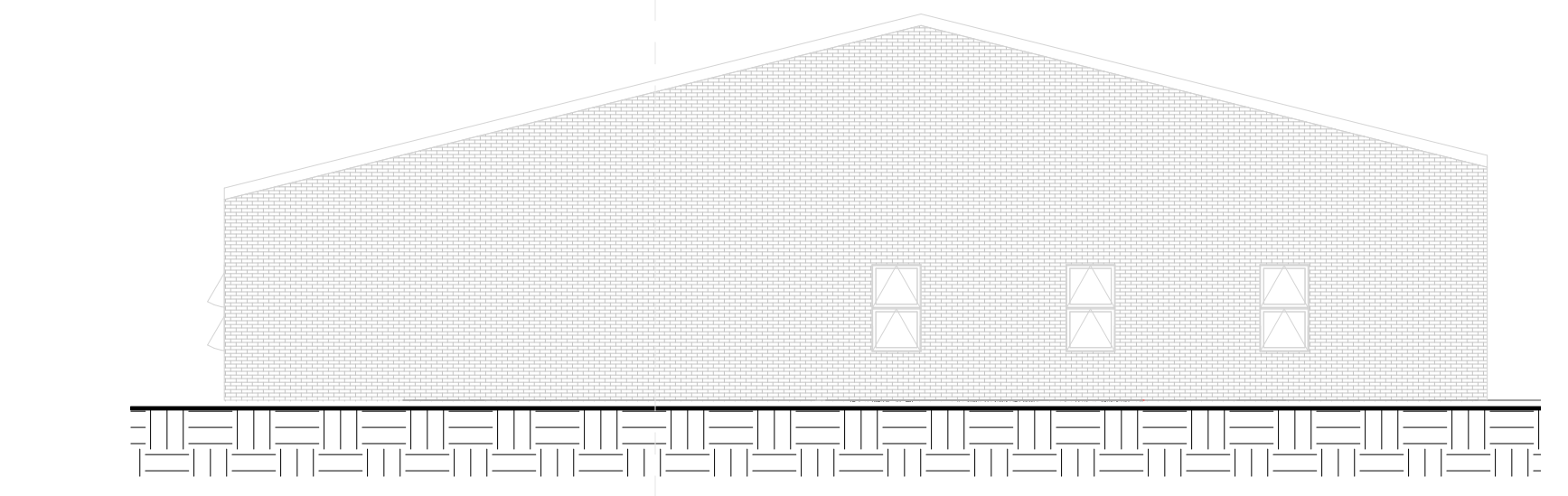
Not For Construction

Sunflower Consolidated School District ESSER 2&3 Phase I
Lockard Elementary School: 302 College Ave., Indianola, MS 38751

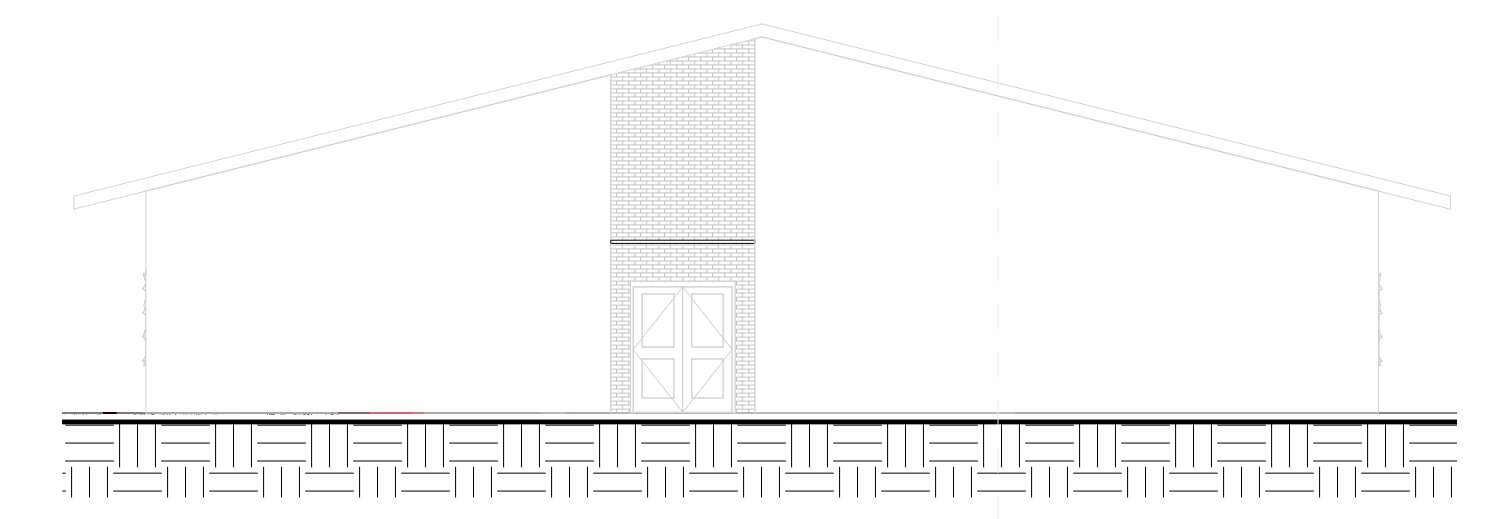
Construction Documents
Project No 21027
Date Issue Date
Revisions Rev Date



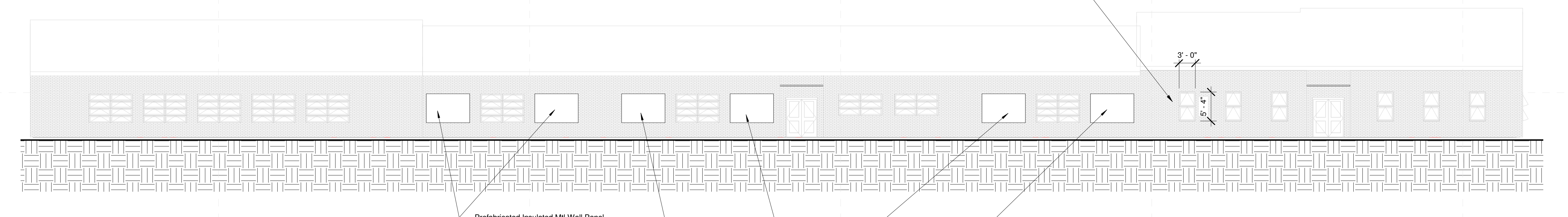
1 Central Building - North
3/32" = 1'-0"



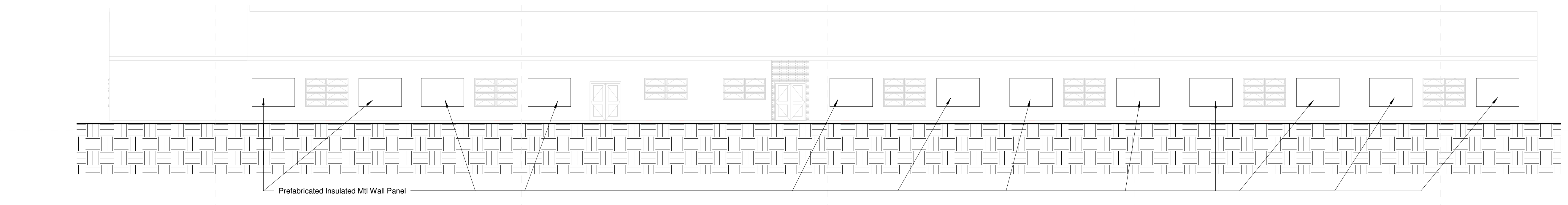
3 Central Building - East
3/32" = 1'-0"



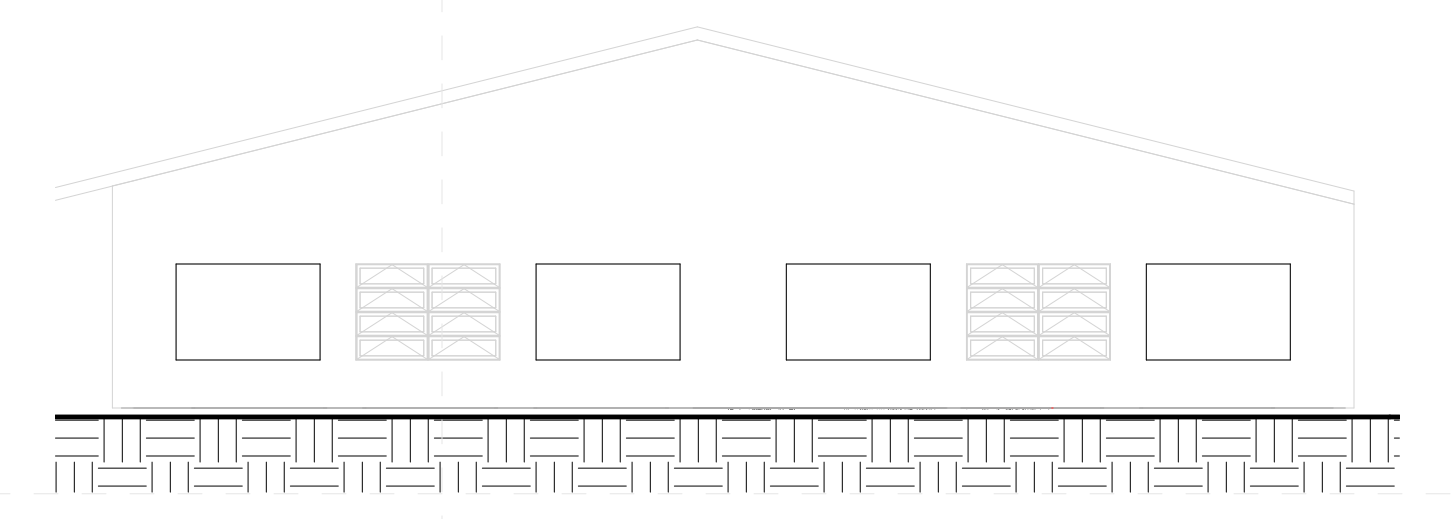
4 Central Building - West
3/32" = 1'-0"



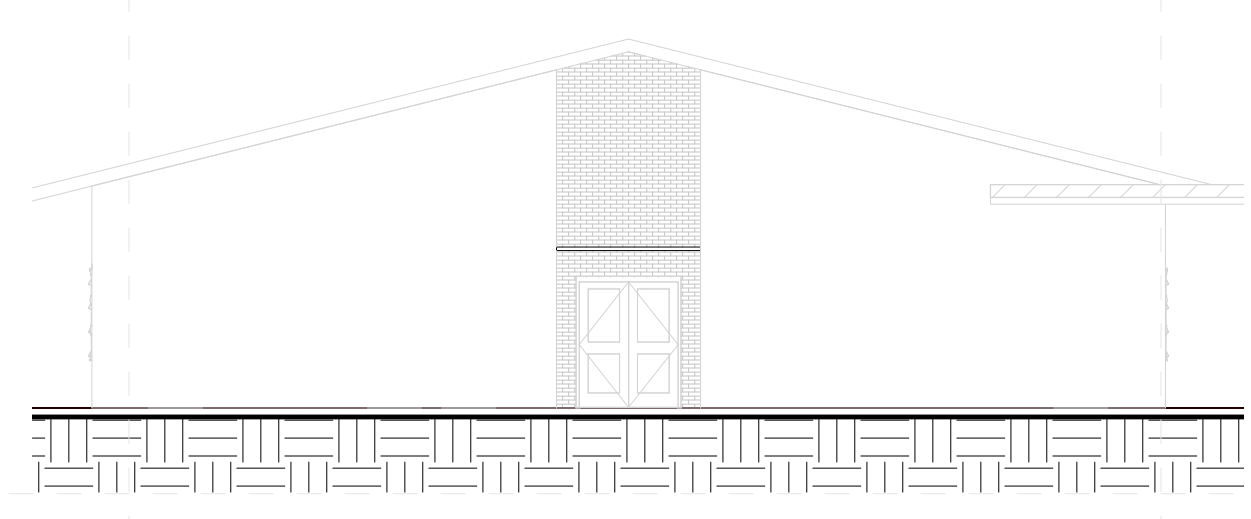
2 Central Building - South
3/32" = 1'-0"



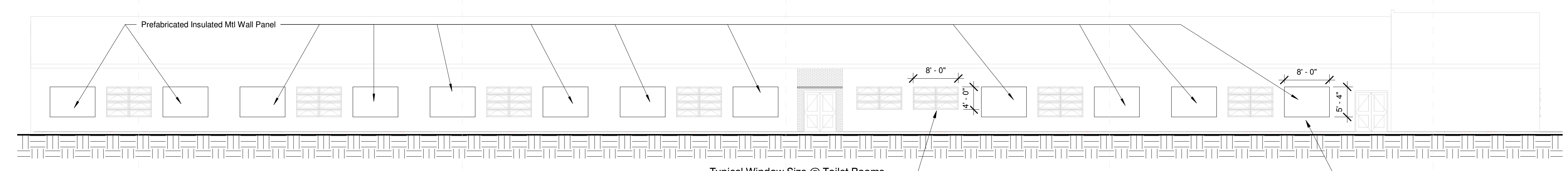
5 North Building - North
3/32" = 1'-0"



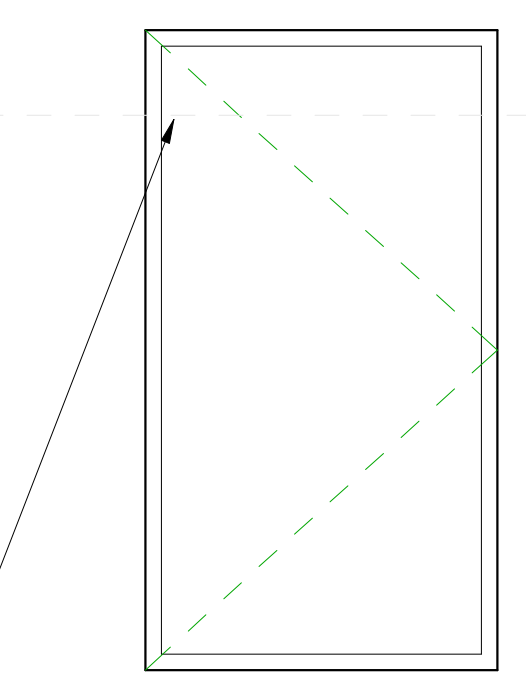
7 North Building - East
3/32" = 1'-0"



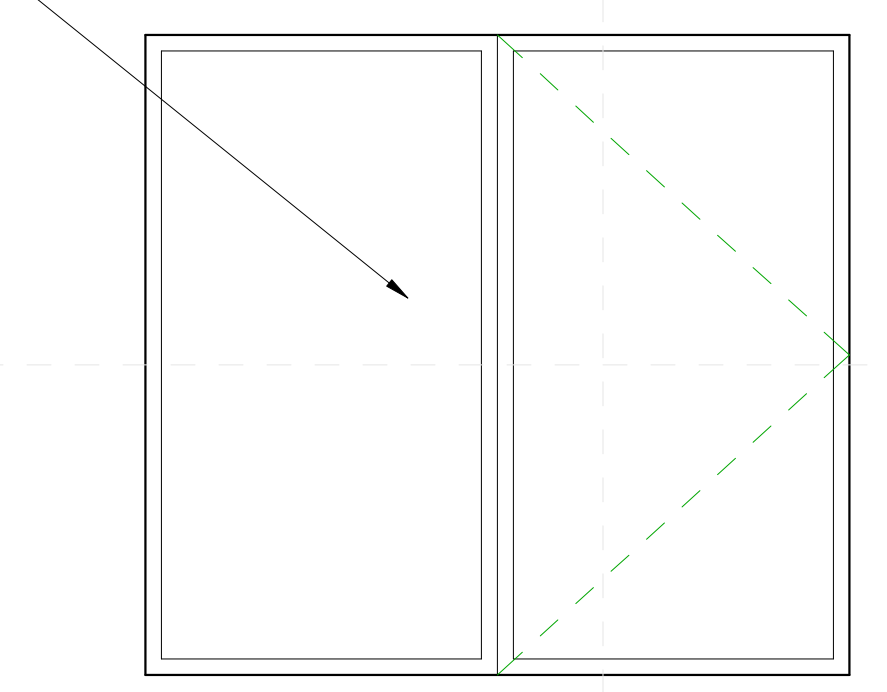
8 North Building - West
3/32" = 1'-0"



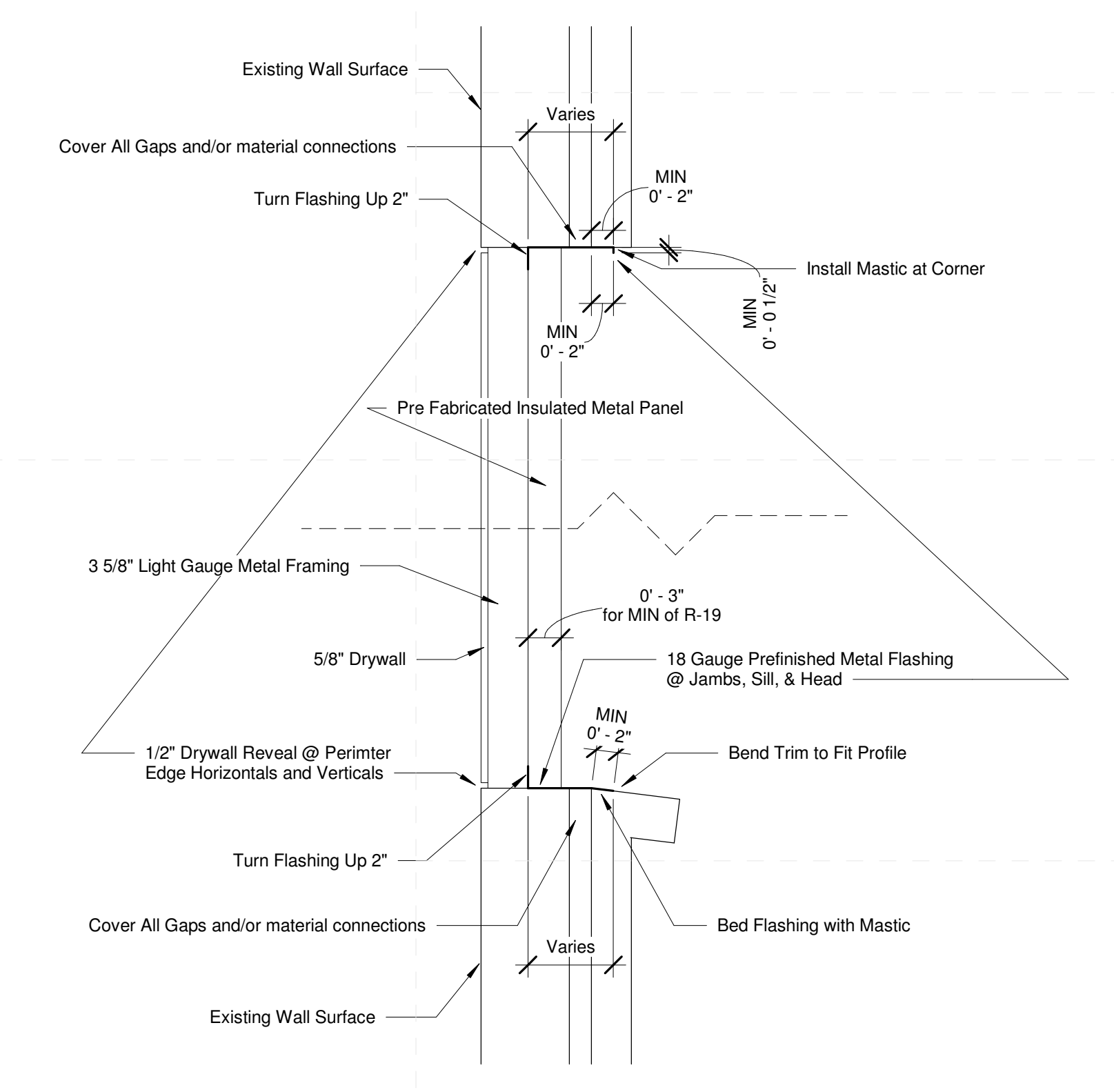
6 North Building - South
3/32" = 1'-0"



Window (typical Single)
1/2" = 1'-0"



Window (typical Double)
1/2" = 1'-0"



Wall Panel Detail
1" = 1'-0"

General Window Demolition Notes

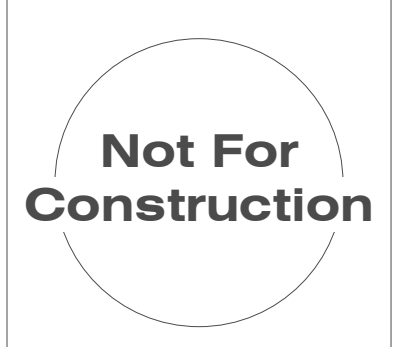
1. Remove window frames, fasteners, mastics, glazing, etc. so that new unit may be installed unobstructed.
2. Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
3. Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
4. Burying or Burning of materials will not be permitted on site.
5. Repair any damage caused to building construction identified to remain.
6. Refer to other discipline drawings for additional demolition information as noted.
7. Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
8. Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
9. Where areas are removed or altered (including scuffing due to installation at interior jambs, sills, and heads), patch, repair, & paint to match adjacent surface material and finish.

General Window Notes

1. Install new aluminum storefront windows to fit in existing masonry openings so that frames overlap existing material connections.
2. Seal frames at interior and exterior with mastic to prevent moisture intrusion using backer rod at all joints.
3. Window glazing shall be insulated.
4. Frames shall fit in opening so that there is no gap larger than 3/8".
5. Glazing facing south shall have a protective shading film with an SHGC of less than 0.55.
6. Windows sizes as noted; contractor shall confirm dimensions so that Note#4 is respected; refer to typical sizes if no dimensions shown on unit.
7. Install new fenestrations at all windows except for toilet room windows.
8. Install frosted glass film at toilet rooms.
9. Include Lever Action Casement Hardware.



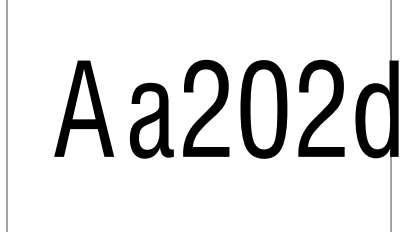
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Sunflower Consolidated School District ESSER 2&3 Phase I
Lockard Elementary School: 302 College Ave., Indianola, MS 38751

Construction Documents

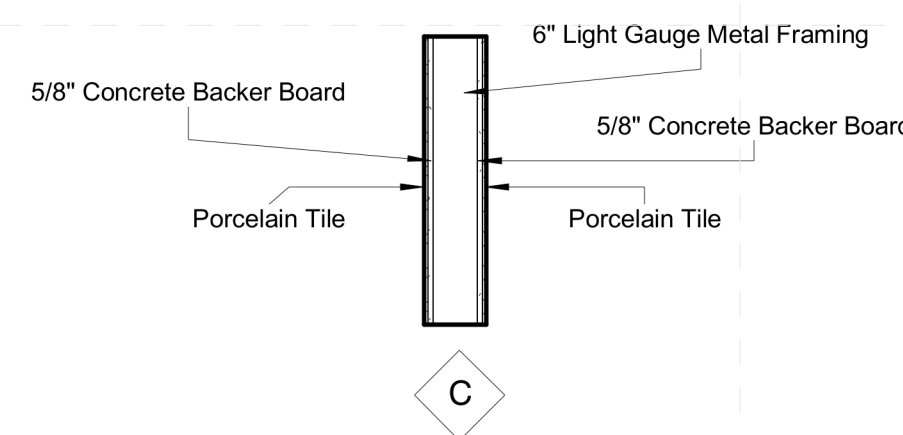
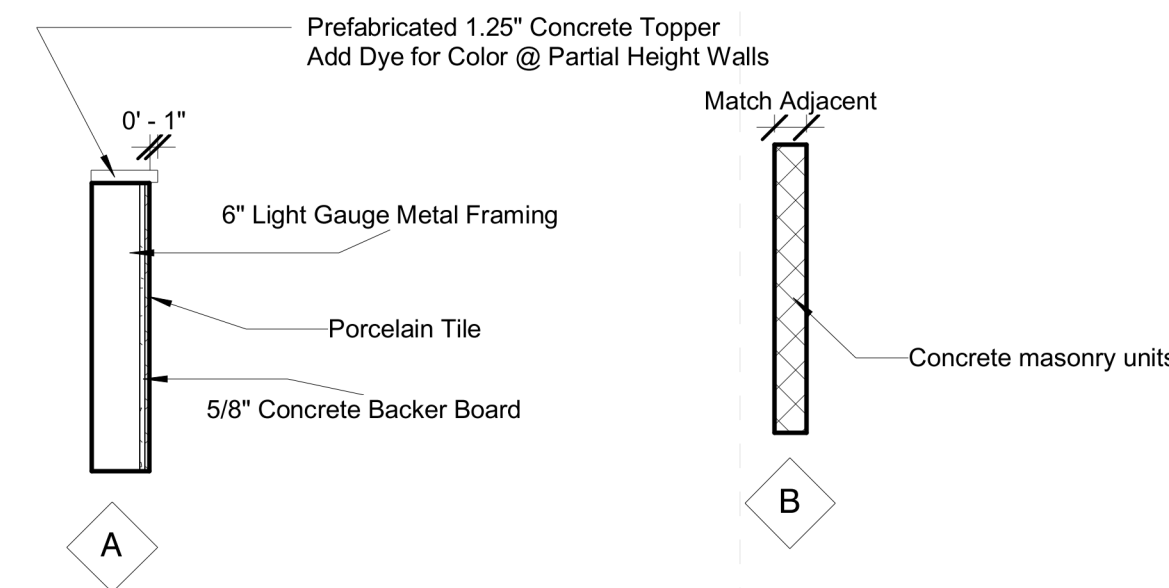
Project No 21027
Date Issue Date
Revisions Rev Date



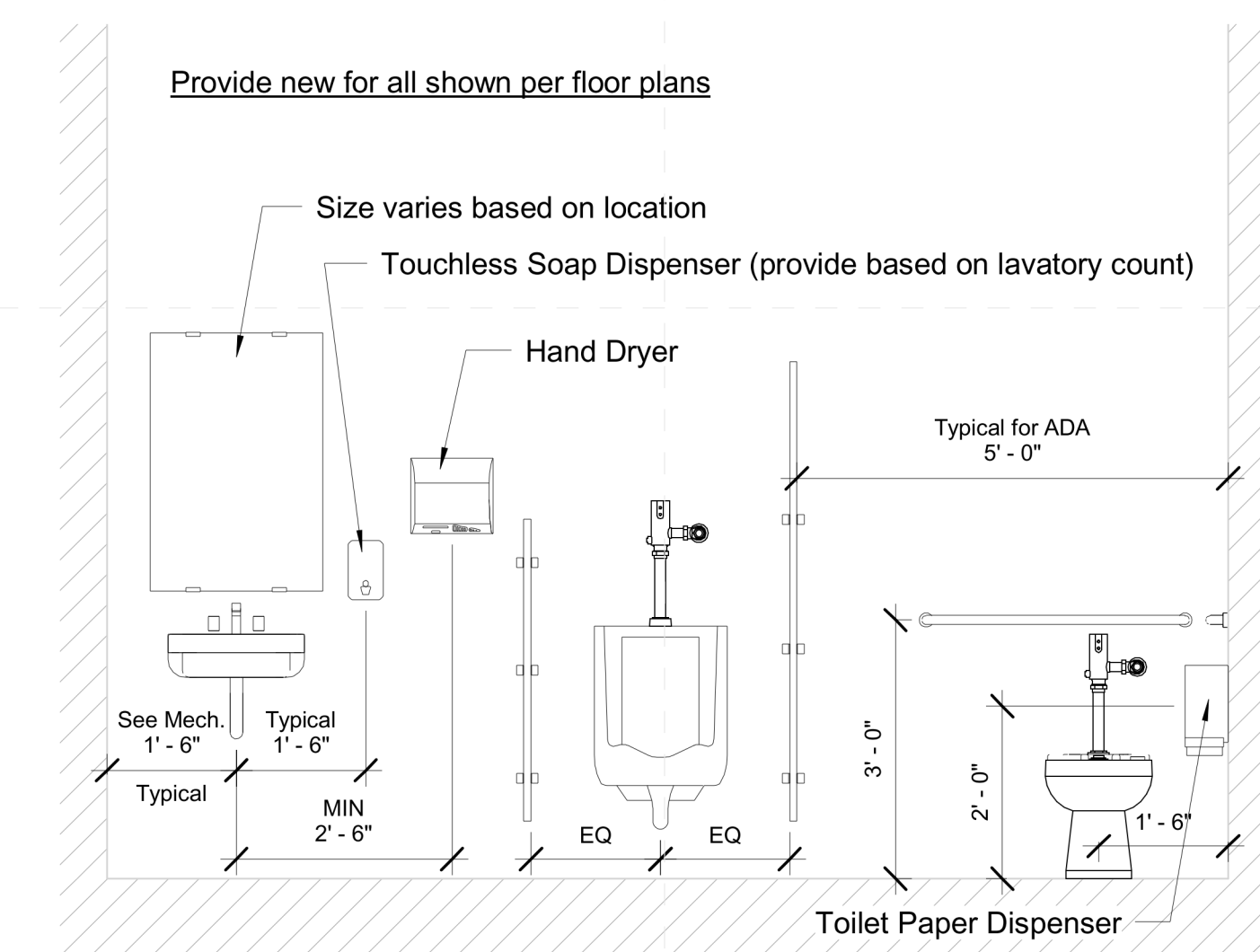
Alt Window Replacement

All School's Specific Notes

- 02 41 19 002 Dashed lines indicated extent of demoed work
- 04 22 00 002 Remove steel jambs; install new masonry block to match pattern and grout lines of existing; paint entire wall surface (existing & new) for match
- 08 11 13 002 Install new 36" HM Door and Frame with new hardware
- 08 11 13 004 Demo masonry for MIN 42" clear width at opening; finish jambs with Solid CMU & paint to match
- 09 30 13 005 Install new wall tile flush and straight, floor to ceiling at this plumbing wall only
- 10 21 13.19 001 Install new toilet partitions (typical)
- 10 28 13 001 Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
- 10 28 13 002 Install hand dryer here; coordinate with electrical & mechanical
- 22 42 00 001 Coordinate new fixture installations with mechanical, typical for new
- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
- 22 42 00 003 New touchless faucet at sink/cabinet; coordinate with mechanical
- 22 47 13 001 Install double drinking fountain here; coordinate with mechanical & electrical drawings
- 22 47 13 002 Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings



Wall Standards
1/2" = 1'-0"



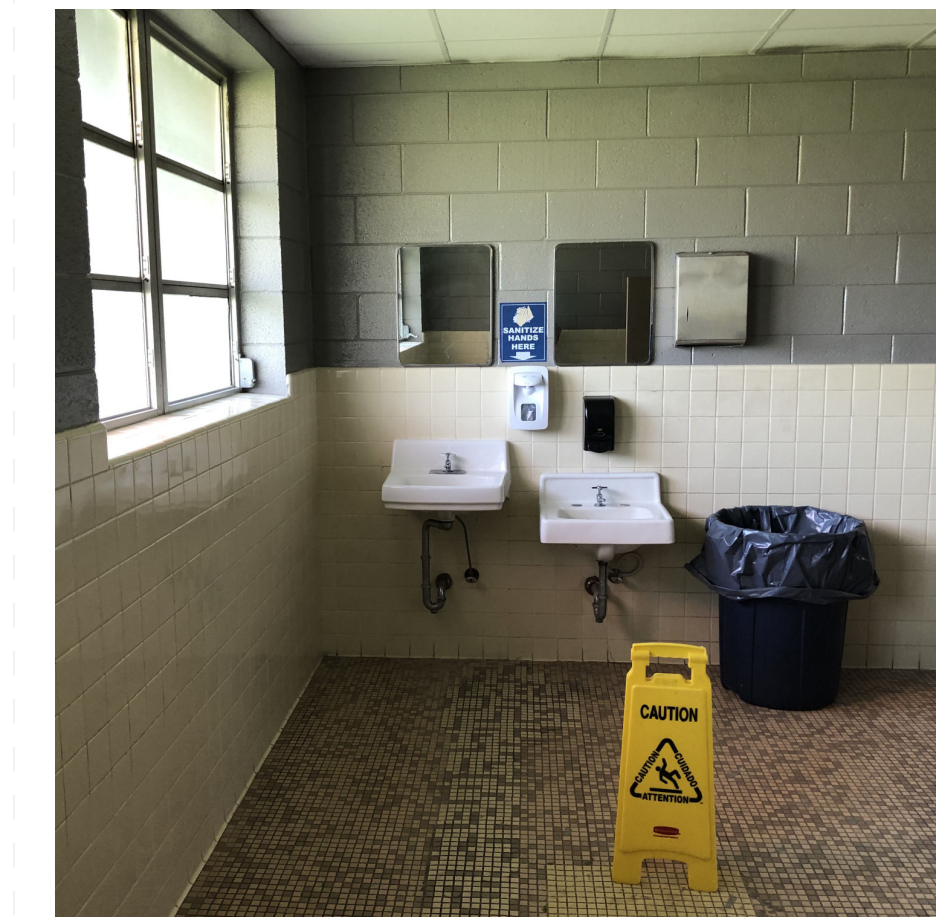
Typical Toilet Room Wall
1/2" = 1'-0"



Front of School



Toilets South



Toilets South



Toilets Central



Toilets Central



Toilets North



Toilets North

Architects

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Not For
Construction

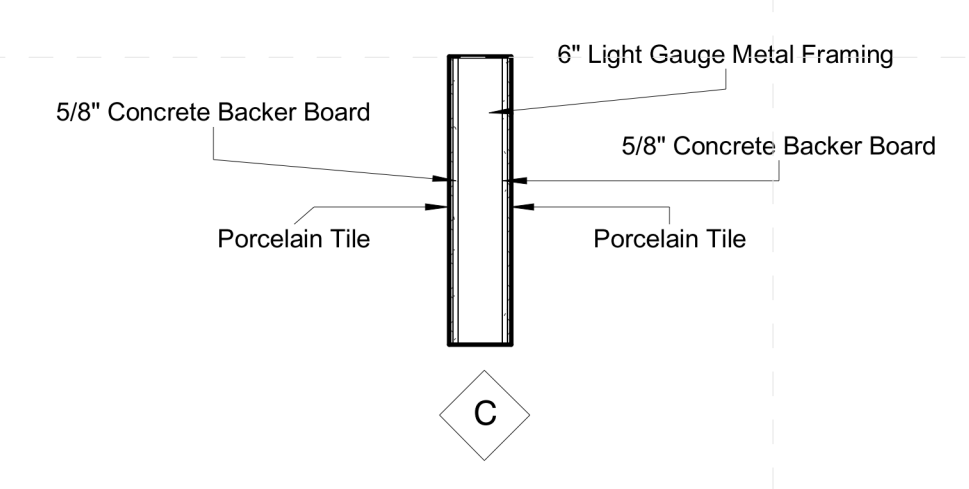
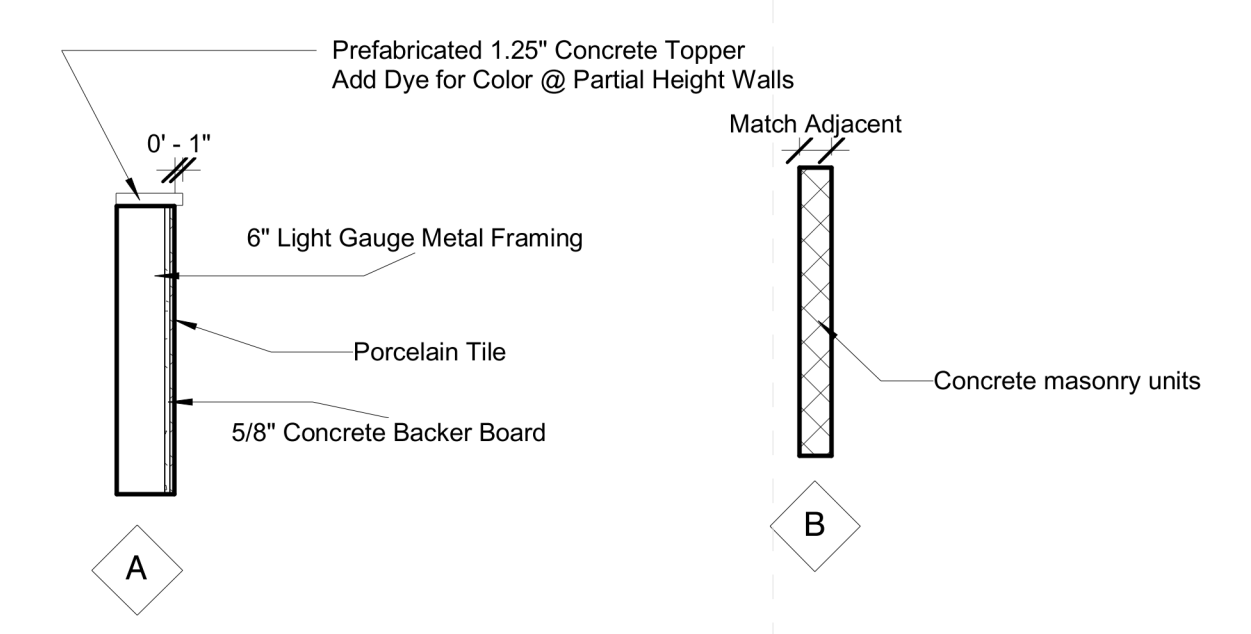
Sunflower Consolidated School District ESSER 2&3 Phase I
Lockard Elementary School: 302 College Ave., Indianola, MS 38751

Construction
Documents

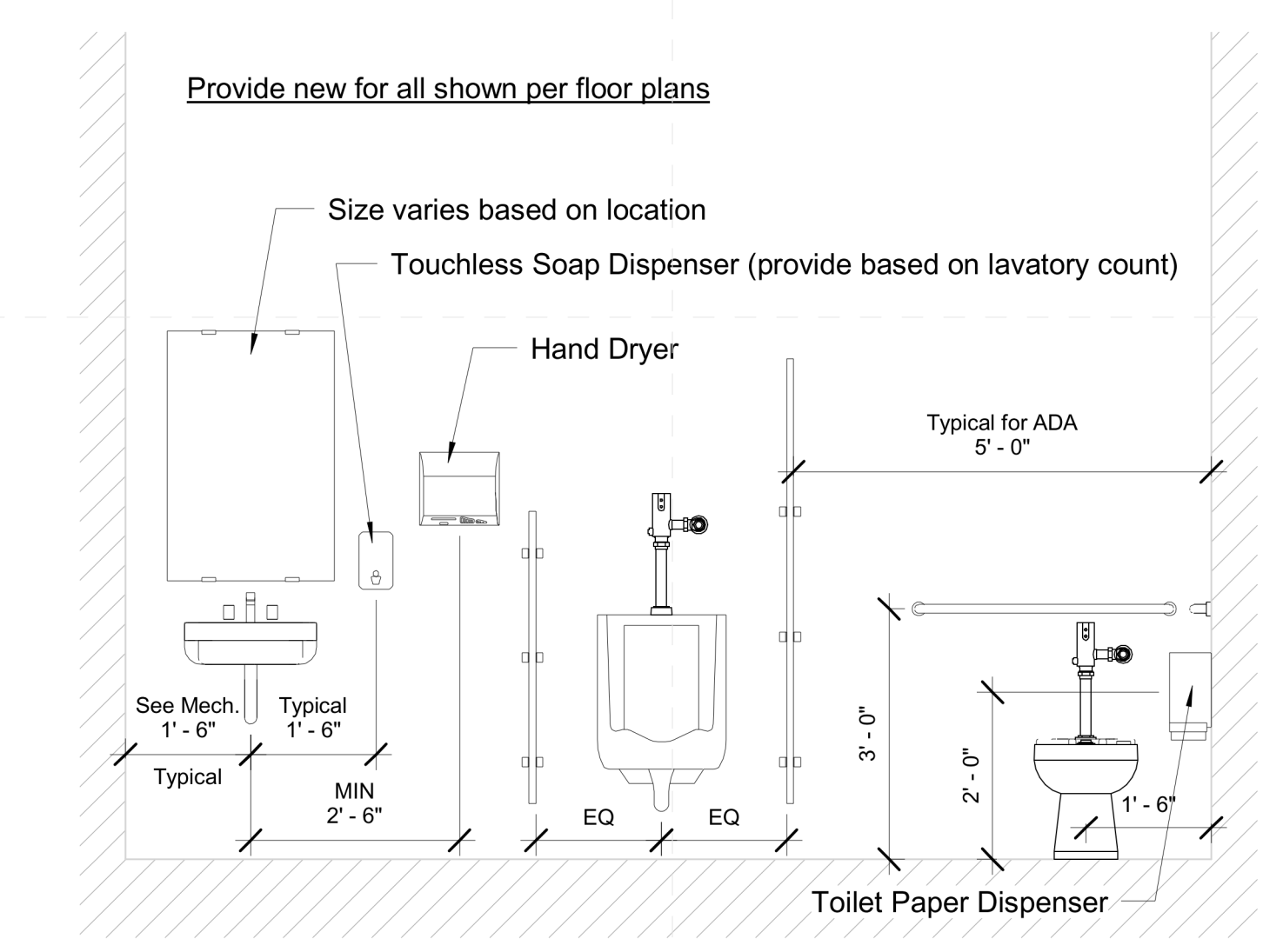
Project No	21027
Date	Issue Date
Revisions	Rev Date

All School's Specific Notes

- 02 41 19 002 Dashed lines indicated extent of demoed work
- 10 21 13.19 001 Install new toilet partitions (typical)
- 10 28 13 001 Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
- 10 28 13 002 Install hand dryer here; coordinate with electrical & mechanical
- 22 05 05 02 New rough plumbing; see plumbing
- 22 40 00 001 New fixtures throughout (typical); see plumbing
- 22 42 00 001 Coordinate new fixture installations with mechanical; typical for new
- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
- 22 42 00 003 New touchless faucet at sink/cabinet; coordinate with mechanical
- 22 47 13 002 Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings
- 22 47 13 003 Install 3 Single Drinking fountains here (center to receive bottle filler attachment); coordinate with mechanical & electrical drawings
- 22 47 13 004 Install 4 Single Drinking fountains here (every other to receive bottle filler attachment); coordinate with mechanical & electrical drawings



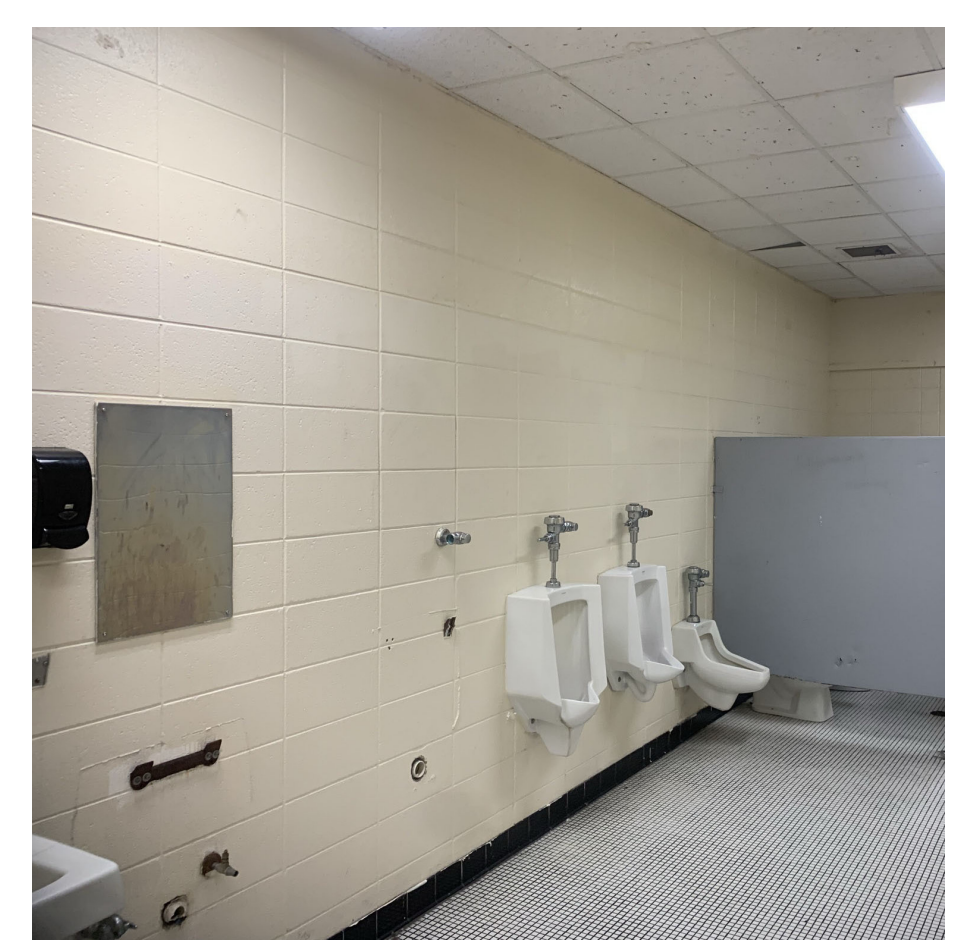
Wall Standards
1/2" = 1'-0"



1 Typical Toilet Room Wall
1/2" = 1'-0"



Front of School



Typical Toilet Room



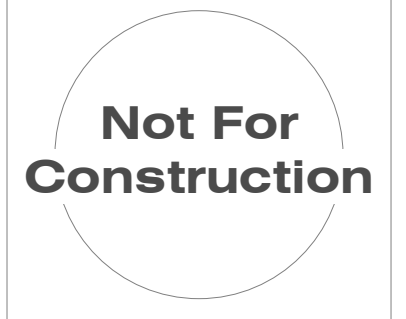
Typical Toilet Room

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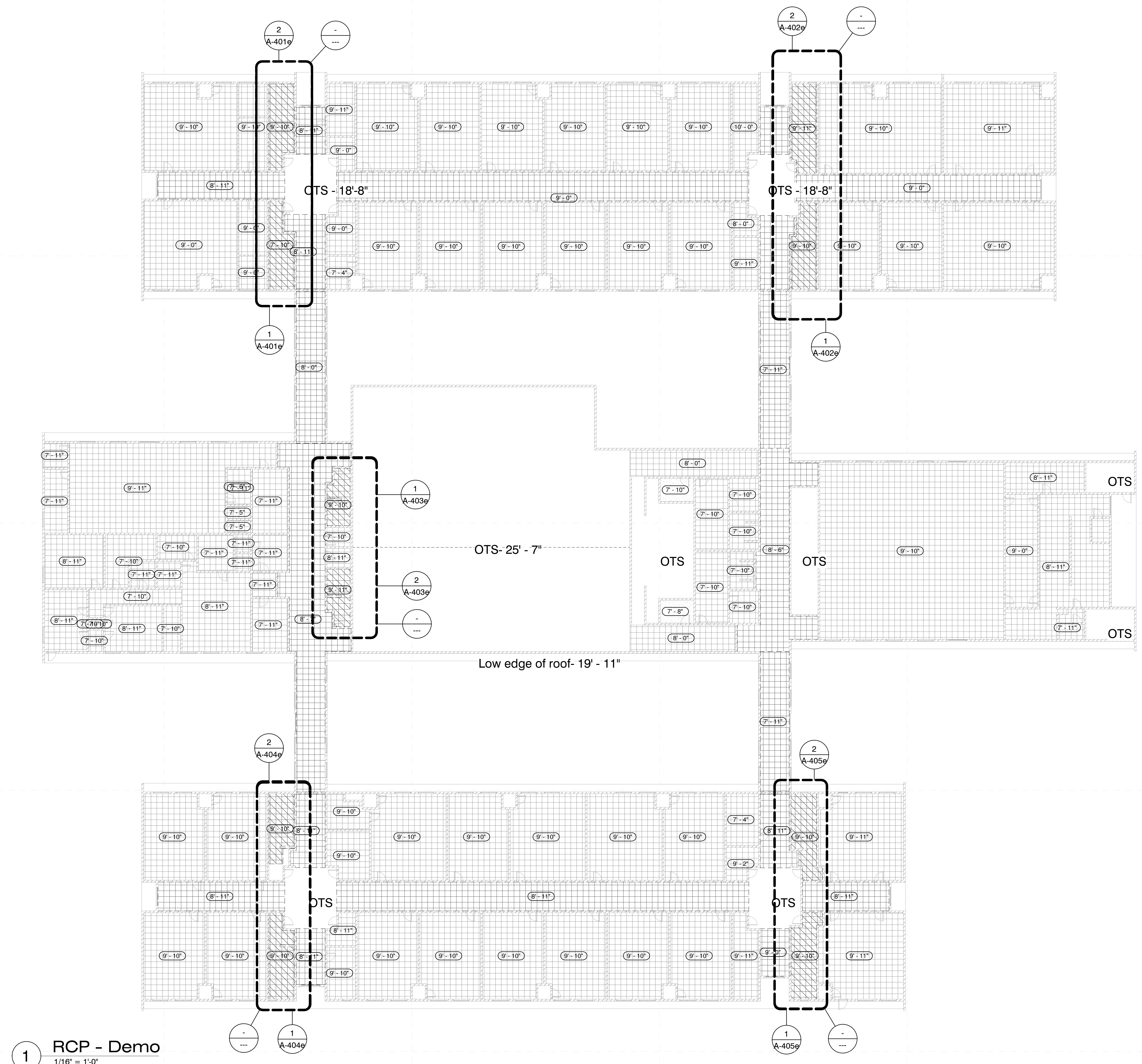
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Sunflower Consolidated School District ESSER 2&3 Phase I
Merritt Middle School: 705 Kinlock Rd, Indianola, MS 38751

Construction Documents

Project No	21027
Date	3 January 2018
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1 RCP - Demo
1/16" = 1'-0"

General RCP Demolition Notes

1. Where ceiling transitions from new ceiling to existing ceiling, coordinate with Architect detail.
2. Remove existing ceiling grid & ceiling tile at all bathrooms to be renovated and all corridors, as well as any wall fasteners and/or mastics attached therein.
3. Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
4. Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
5. Burying or Burning of materials will not be permitted on site.
6. Repair any damage caused to building construction identified to remain.
7. Refer to other discipline drawings for additional demolition information as noted.
8. Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
9. Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.

Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastener Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

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Not For Construction

Sunflower Consolidated School District ESSER 2&3 Phase I
Merritt Middle School: 705 Kinlock Rd, Indianola, MS 38751

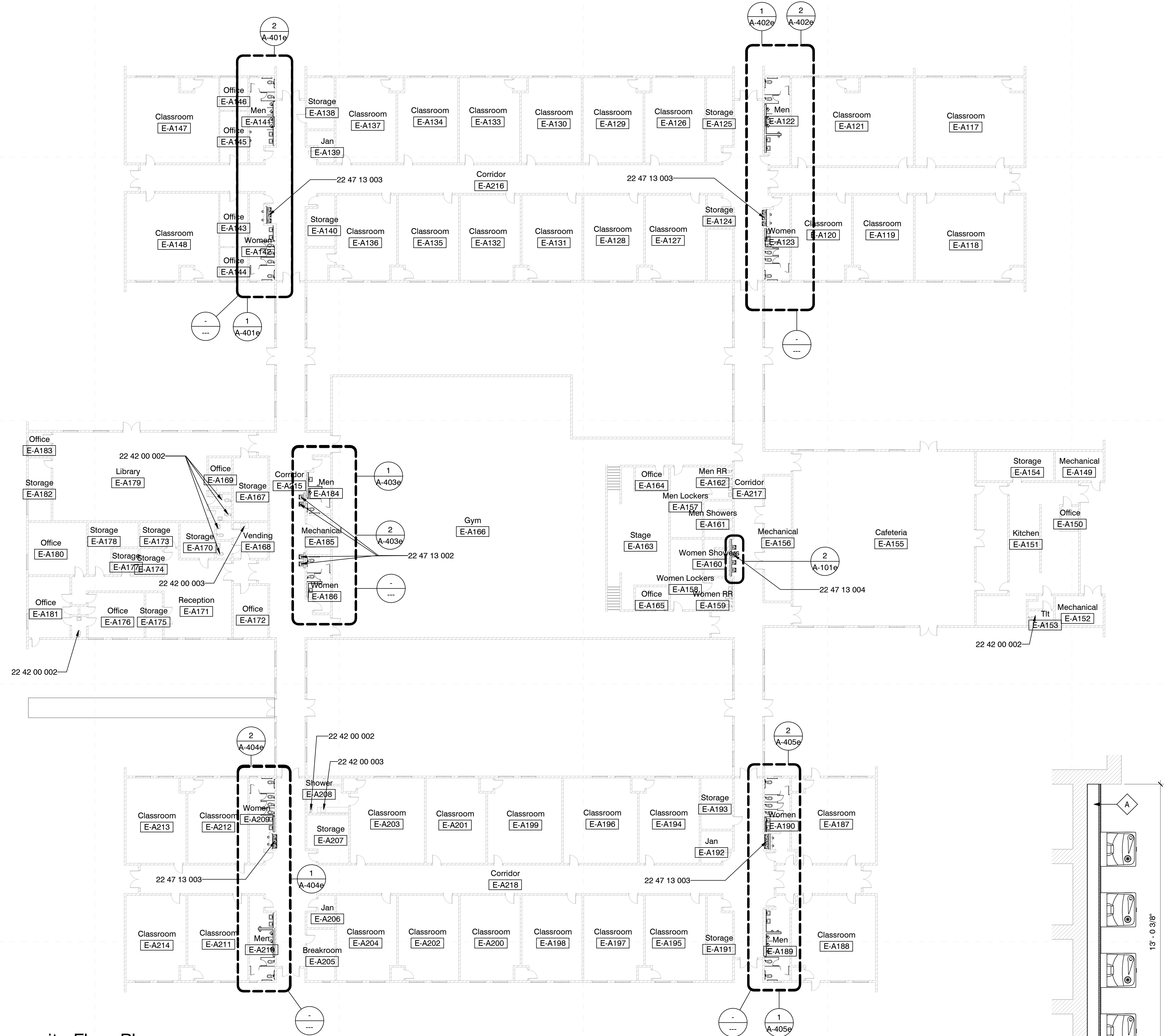
Construction Documents

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Revisions	Rev Date

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Construction**

Sunflower Consolidated School District ESSER 2&3 Phase I
Merritt Middle School: 705 Kinlock Rd, Indianola, MS 38751

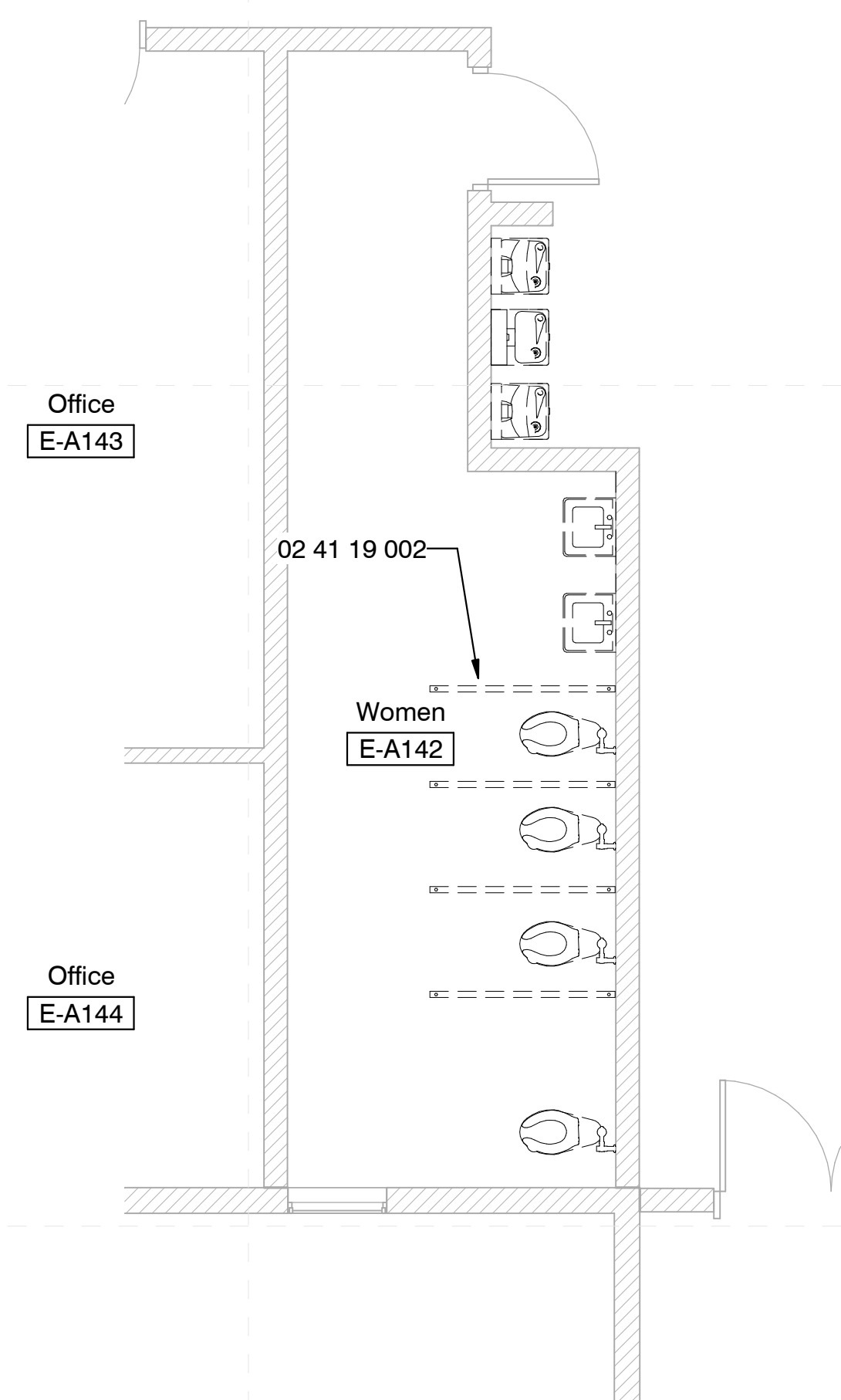
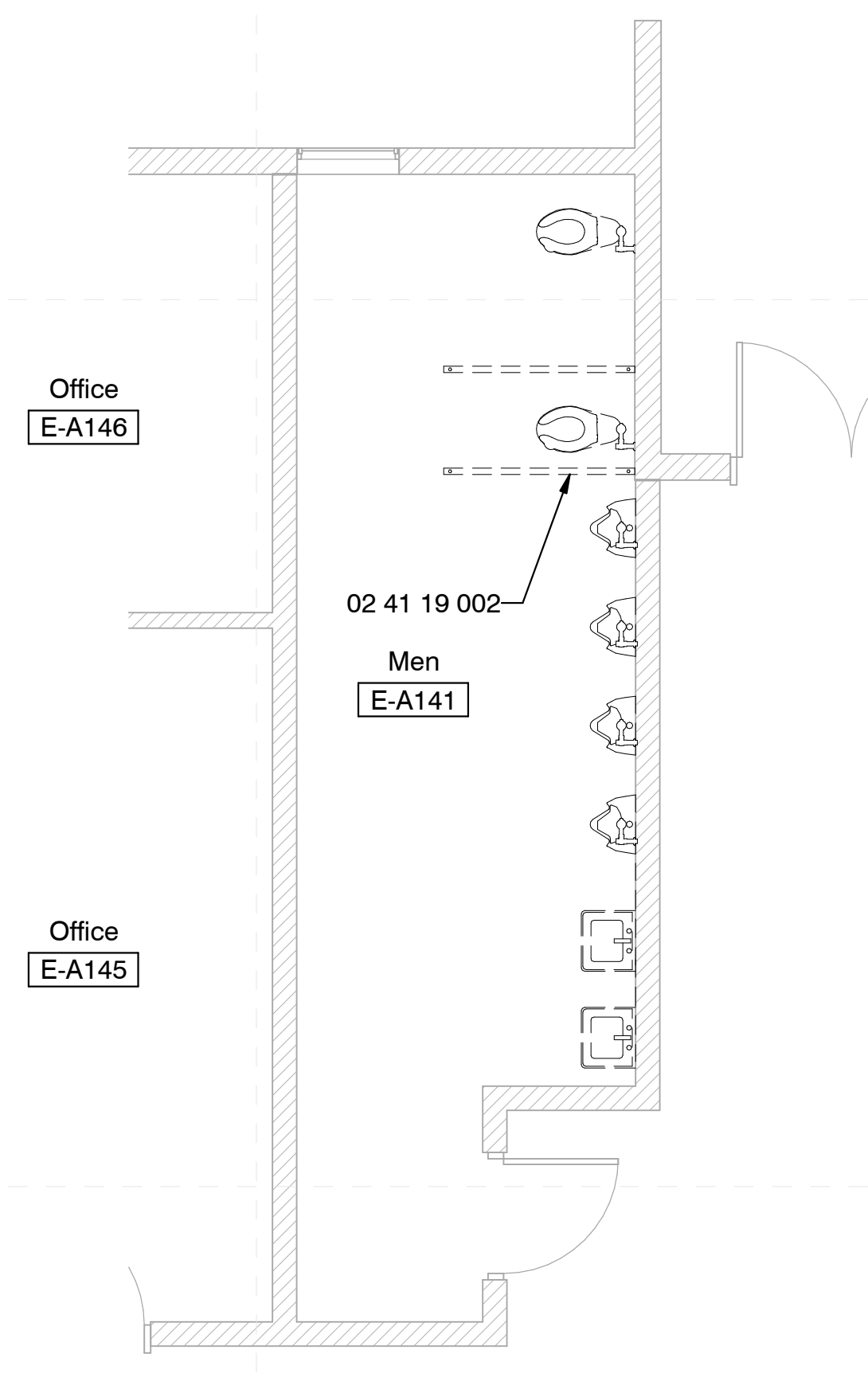
Construction
Documents
Project No 21027
Date 3 January 2018
Revisions Rev Date



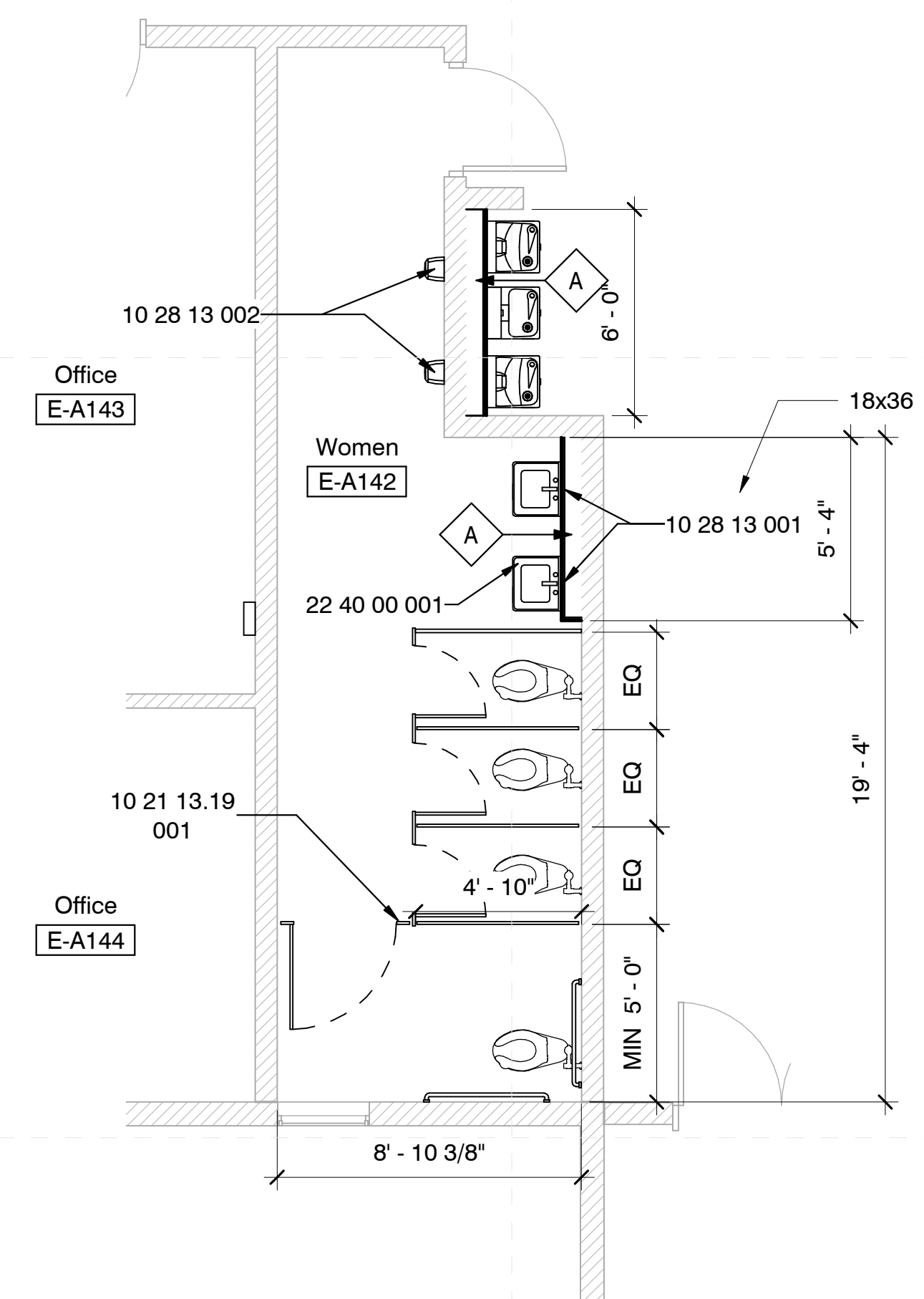
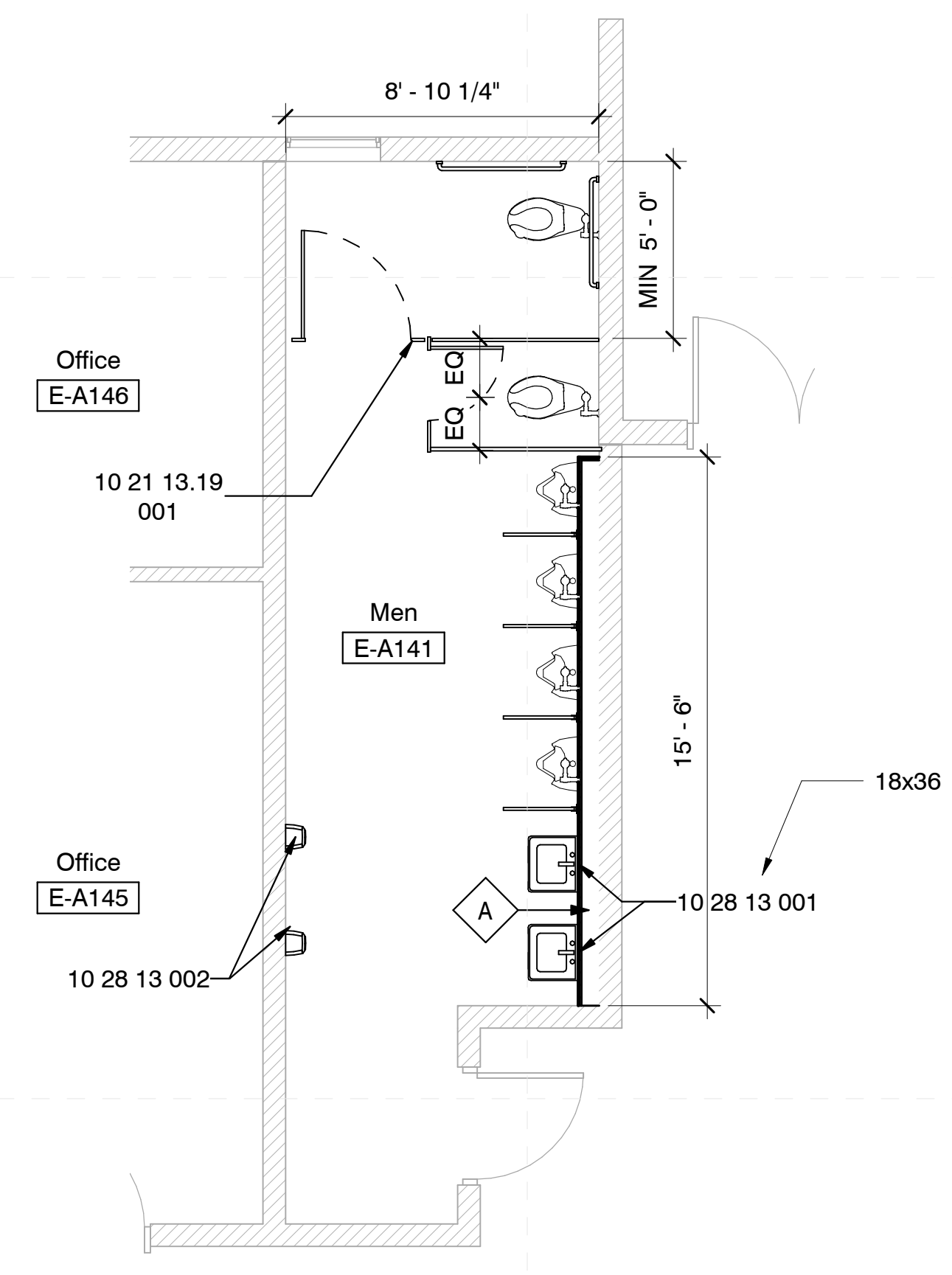
- Specific Notes**
- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
 - 22 42 00 003 New touchless faucet at sink/cabinet; coordinate with mechanical
 - 22 47 13 002 Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings
 - 22 47 13 003 Install 3 Single Drinking fountains here (center to receive bottle filler attachment); coordinate with mechanical & electrical drawings
 - 22 47 13 004 Install 4 Single Drinking fountains here (every other to receive bottle filler attachment); coordinate with mechanical & electrical drawings

1 Composite Floor Plan
1/16" = 1'-0"

2 Fountain - East
1/2" = 1'-0"



1 Main Floor - NW Toilets - Existing
1/4" = 1'-0"



2 Main Floor - NW Toilets - New Construction
1/4" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 40 00 001	New fixtures throughout (typical); see plumbing

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Clean floor tile and reseal.
- New Fixture locations shall be coordinated with mechanical sheets.
- Patch and repair tiles where missing due to existing or construction.
- Install new grab bars at all ADA & AMB toilets
- Paint all Exposed CMU at bathroom interiors with epoxy paint.

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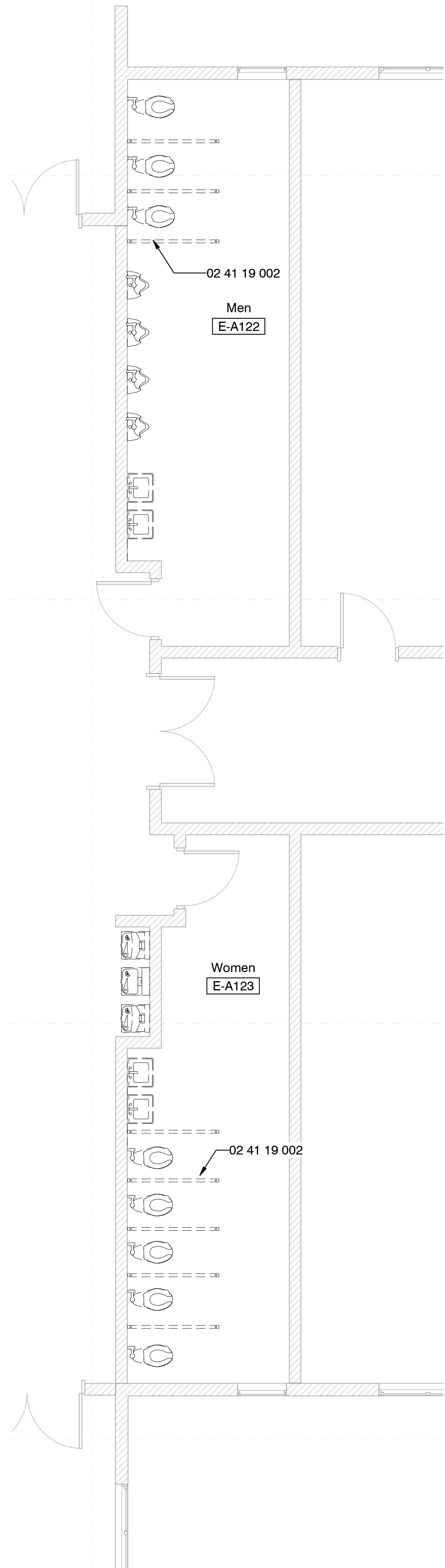
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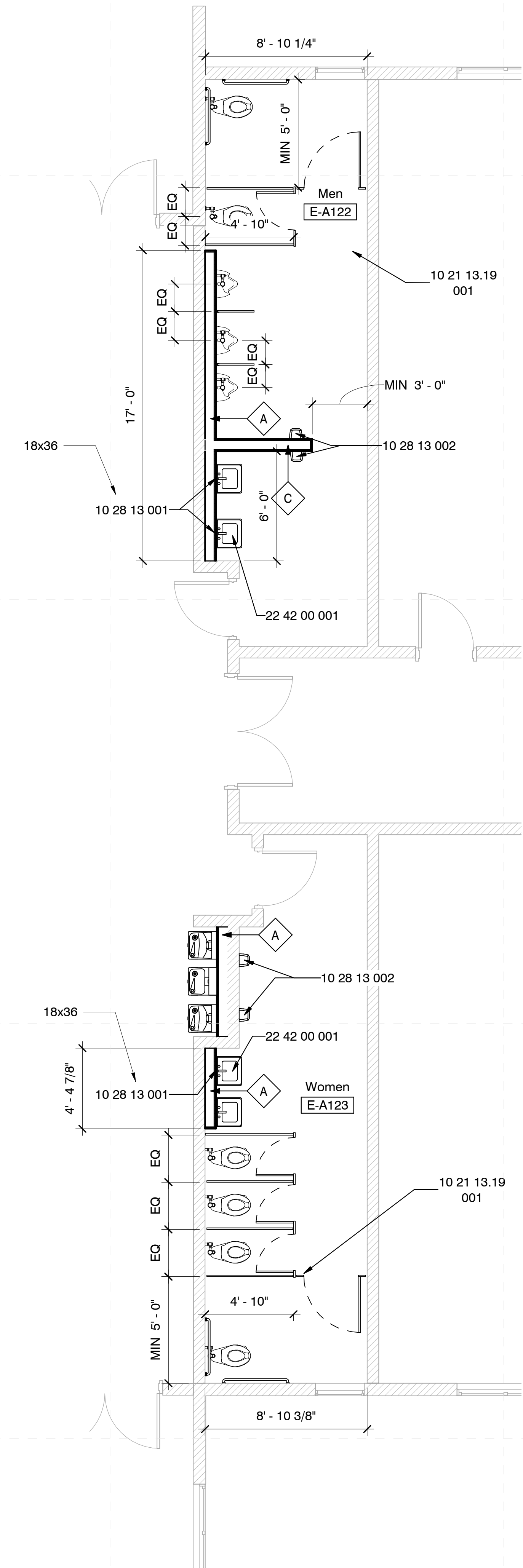
Sunflower Consolidated School District ESSER 2&3 Phase I
 Merritt Middle School: 705 Kinlock Rd, Indianola, MS 38751

Construction Documents

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1 Main Floor - NE Toilets - Existing
1/4" = 1'-0"



2 Main Floor - NE Toilets - New Construction
1/4" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
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Specific Notes

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10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Clean floor tile and reseal.
- New Fixture locations shall be coordinated with mechanical sheets.
- Patch and repair tiles where missing due to existing or construction.
- Install new grab bars at all ADA & AMB toilets
- Paint all Exposed CMU at bathroom interiors with epoxy paint.

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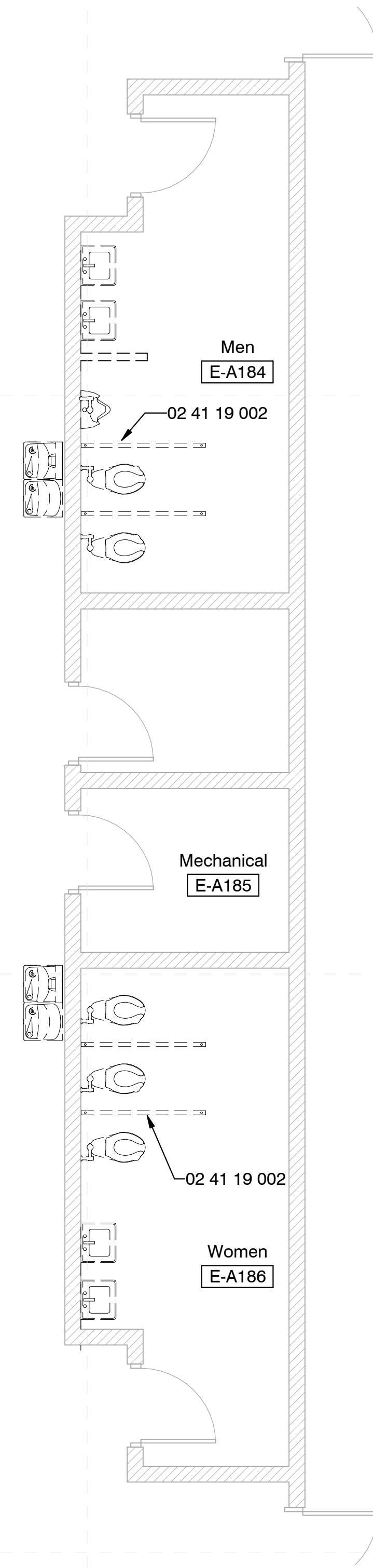
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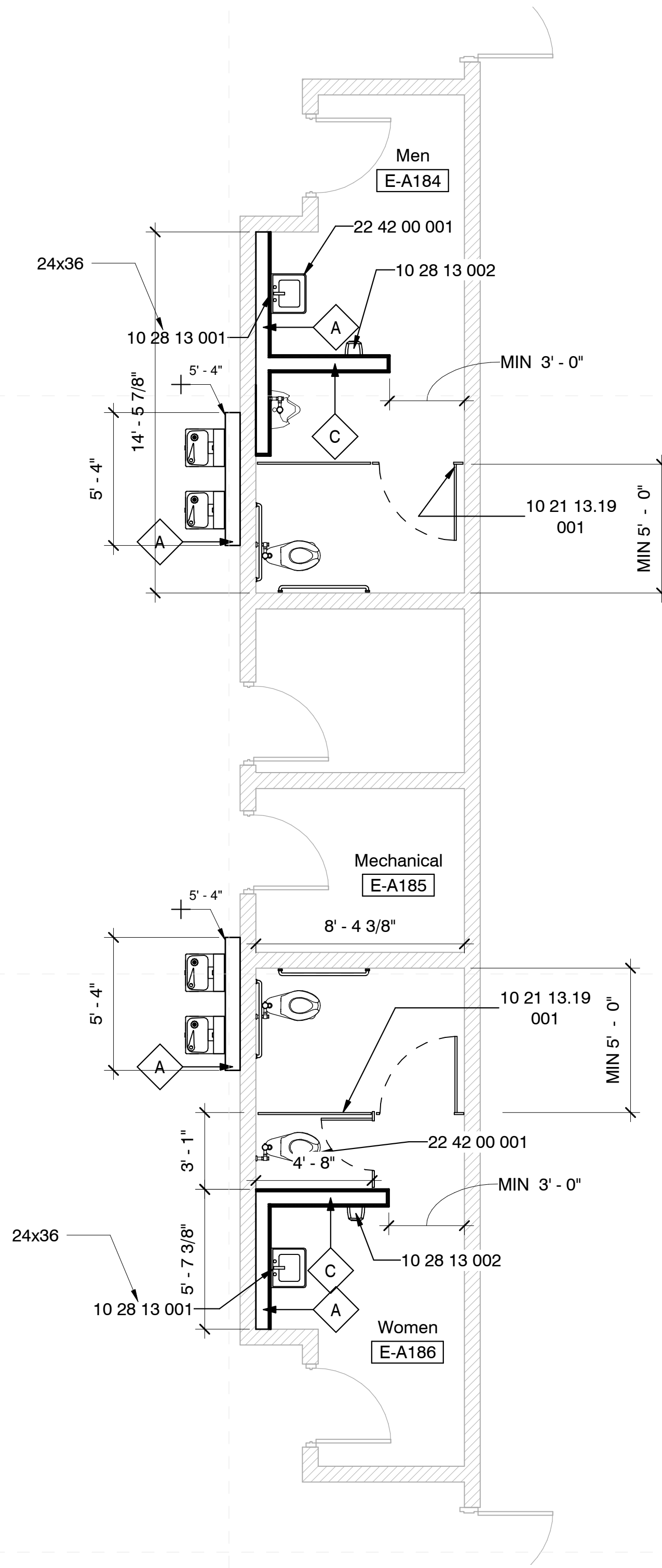
Sunflower Consolidated School District ESSER 2&3 Phase I
Merritt Middle School: 705 Kinlock Rd, Indianola, MS 38751

Construction Documents

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Date	3 January 2018
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1 Main Floor - W Toilets - Existing
1/4" = 1'-0"



2 Main Floor - W Toilets - New Construction
1/4" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
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- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Clean floor tile and reseal.
- New Fixture locations shall be coordinated with mechanical sheets.
- Patch and repair tiles where missing due to existing or construction.
- Install new grab bars at all ADA & AMB toilets
- Paint all Exposed CMU at bathroom interiors with epoxy paint.

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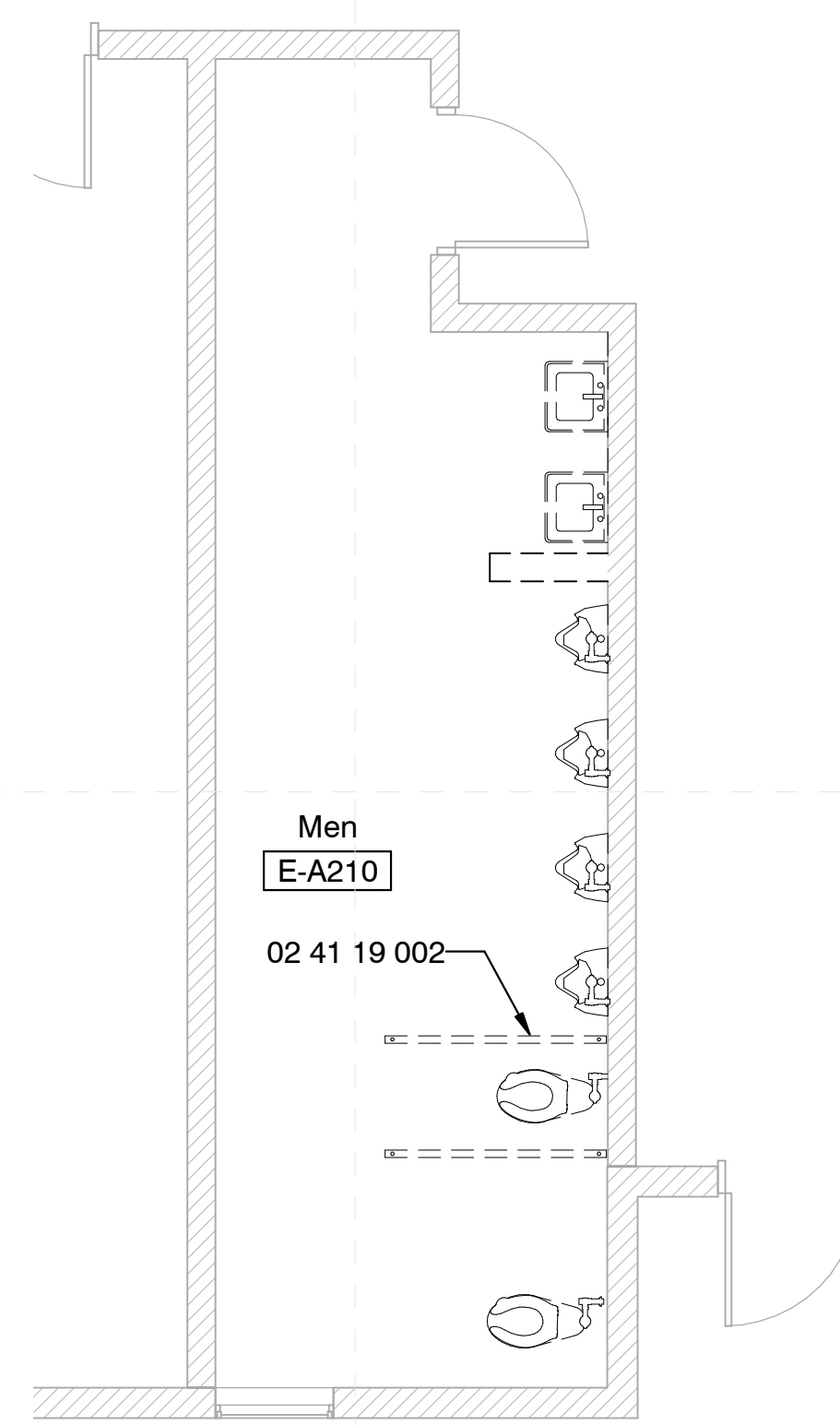
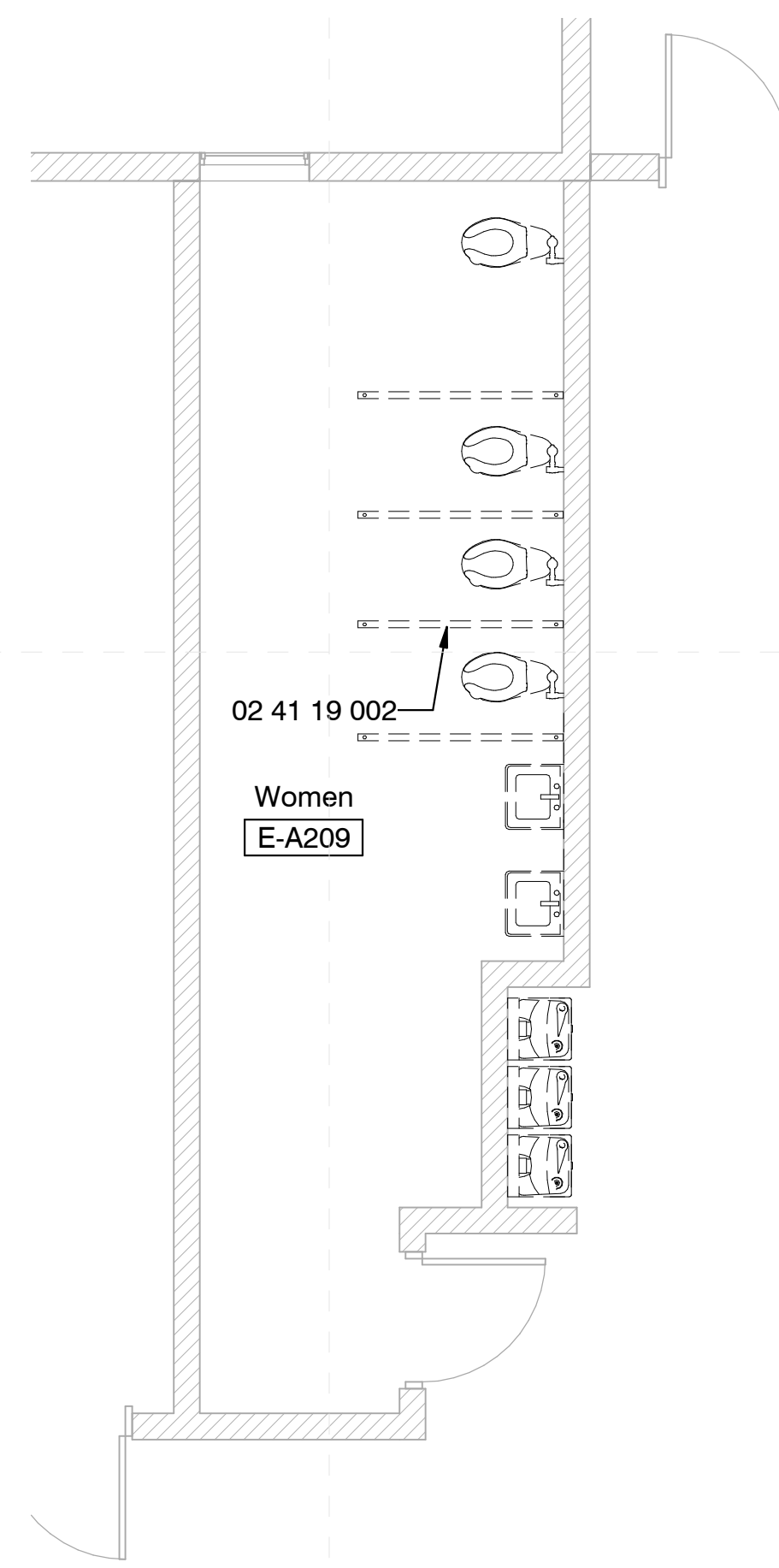
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Construction

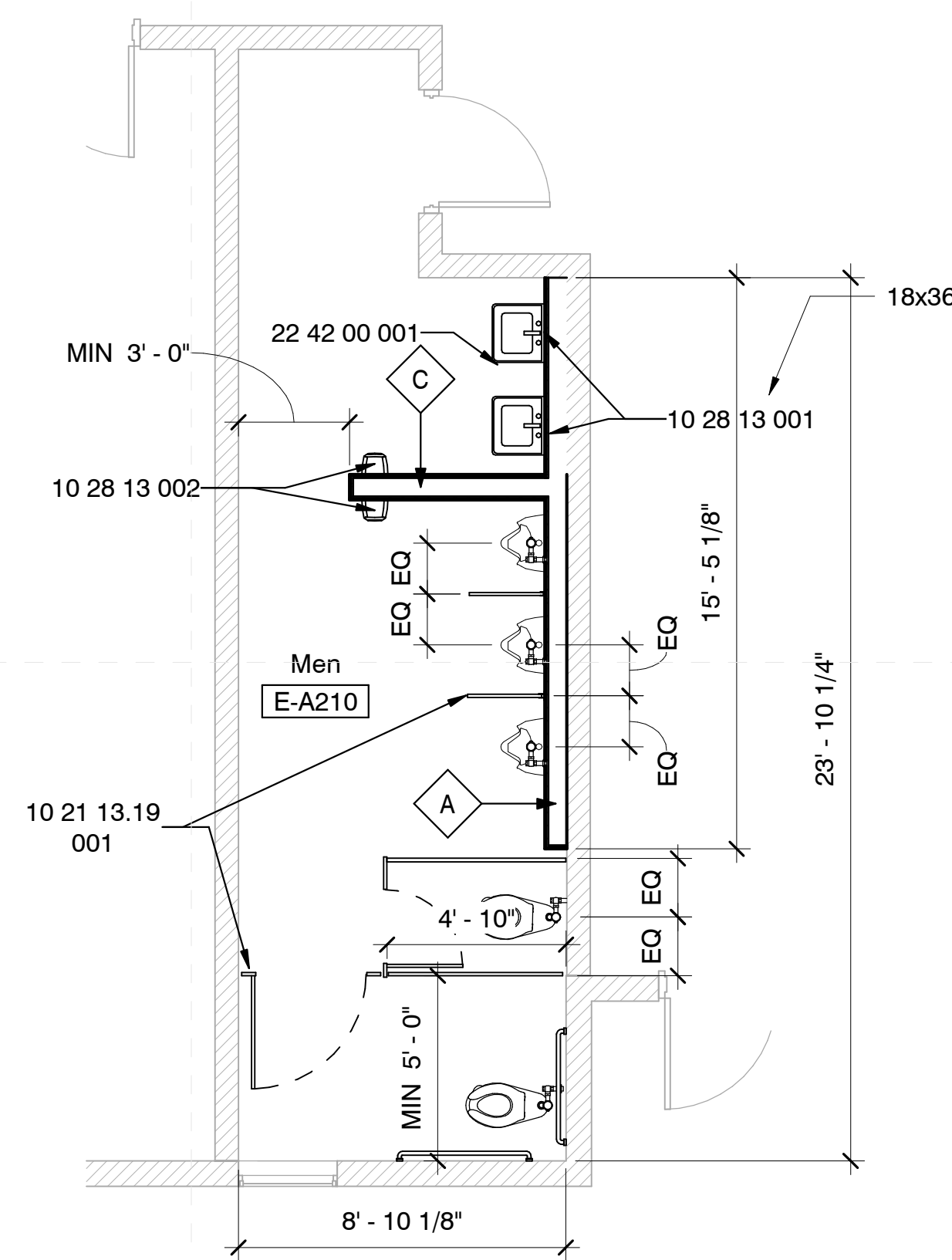
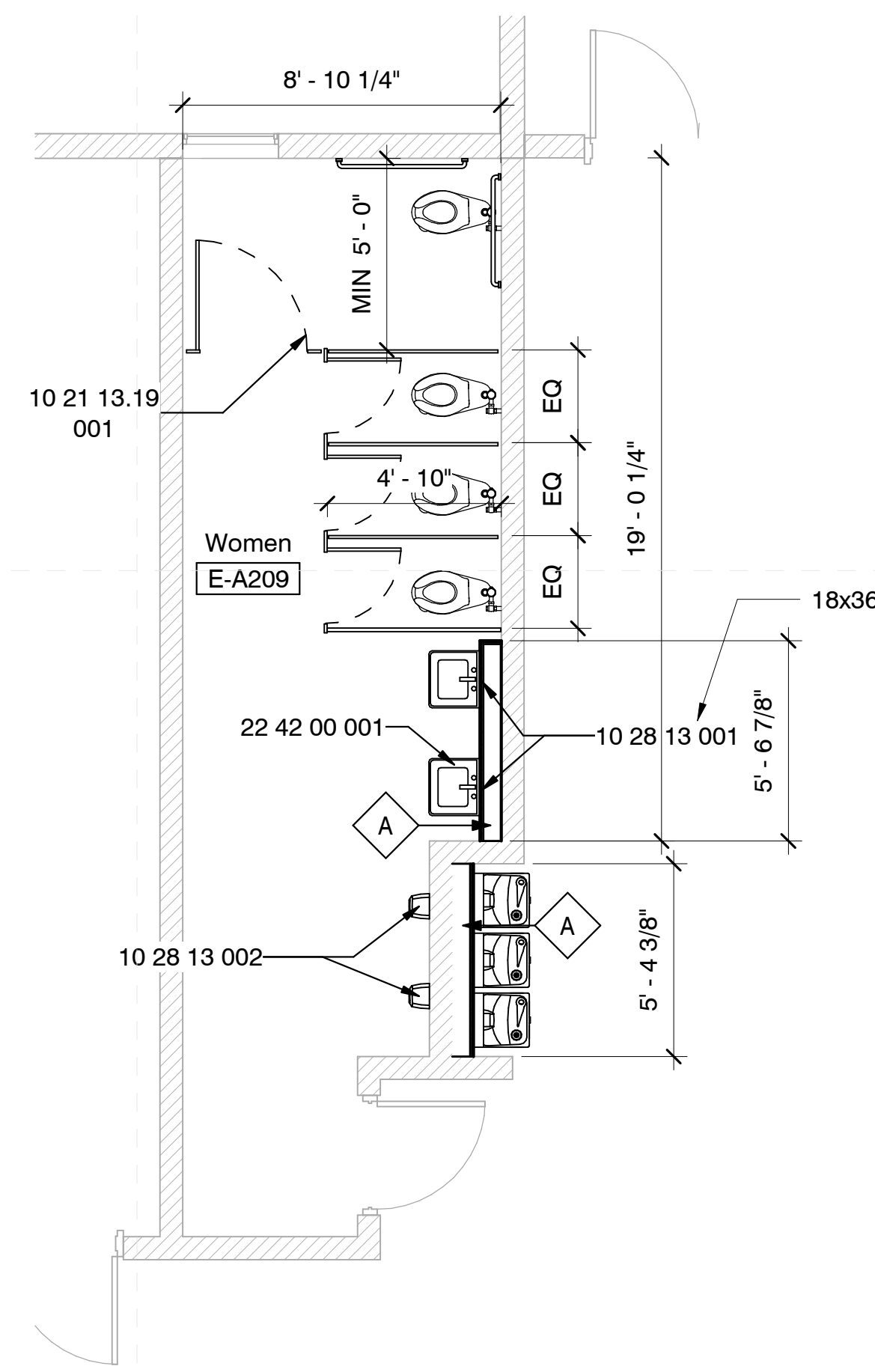
Sunflower Consolidated School District ESSER 2&3 Phase I
Merritt Middle School: 705 Kinlock Rd, Indianola, MS 38751

Construction
Documents

Project No	21027
Date	3 January 2018
Revisions	Rev Date



1 Main Floor - SW Toilets - Existing
1/4" = 1'-0"



2 Main Floor - SW Toilets - New Construction
1/4" = 1'-0"

General Demolition Notes

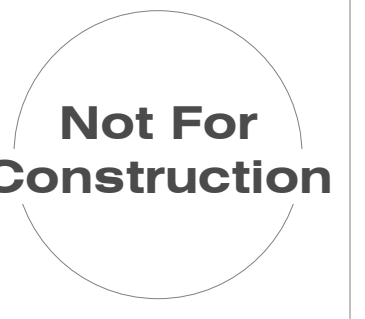
- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
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- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

Specific Notes

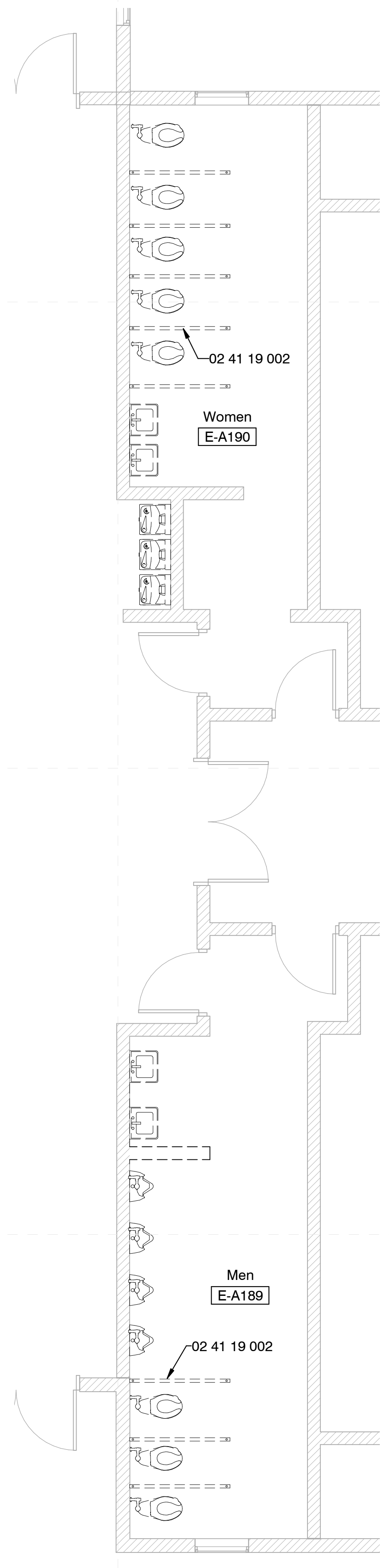
02 41 19 002	Dashed lines indicated extent of demoed work
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

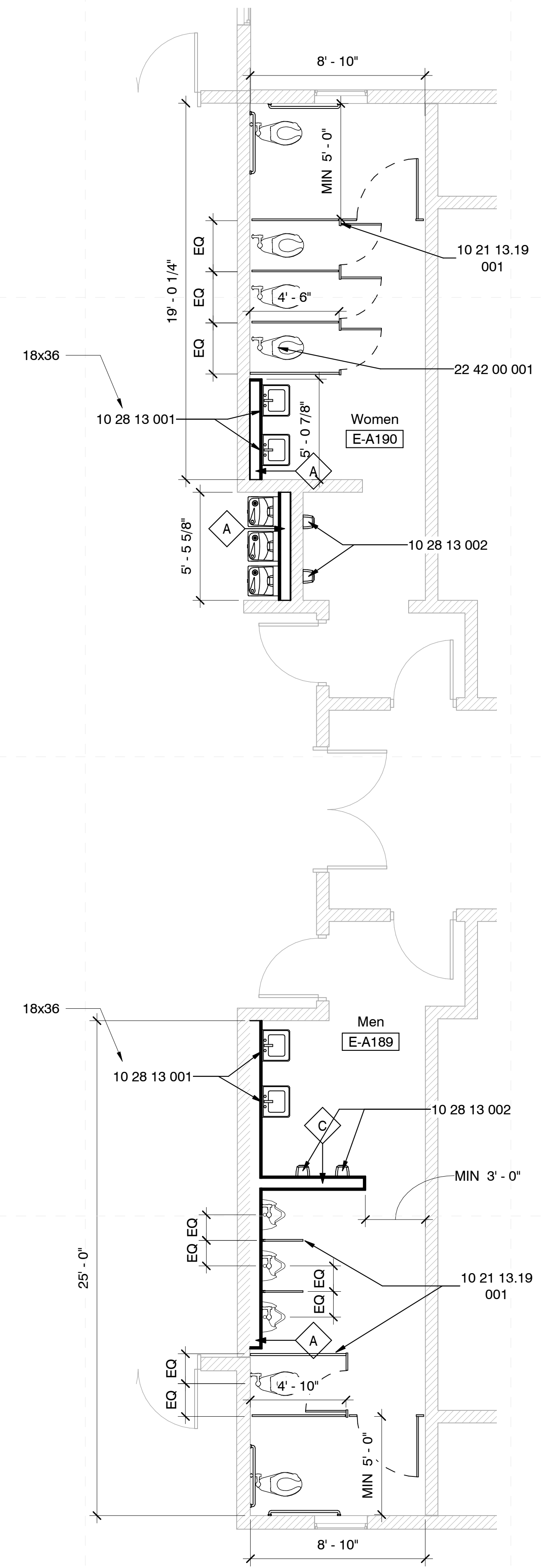
- All flooring transitions are to occur at center line of door panel.
- Clean floor tile and reseal.
- New Fixture locations shall be coordinated with mechanical sheets.
- Patch and repair tiles where missing due to existing or construction.
- Install new grab bars at all ADA & AMB toilets
- Paint all Exposed CMU at bathroom interiors with epoxy paint.



1 Main Floor - SE Toilets - Existing
1/4" = 1'-0"



2 Main Floor - SE Toilets - New Construction
1/4" = 1'-0"



General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
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- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

Specific Notes

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10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

- All flooring transitions are to occur at center line of door panel.
- Clean floor tile and reseat.
- New Fixture locations shall be coordinated with mechanical sheets.
- Patch and repair tiles where missing due to existing or construction.
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- Paint all Exposed CMU at bathroom interiors with epoxy paint.

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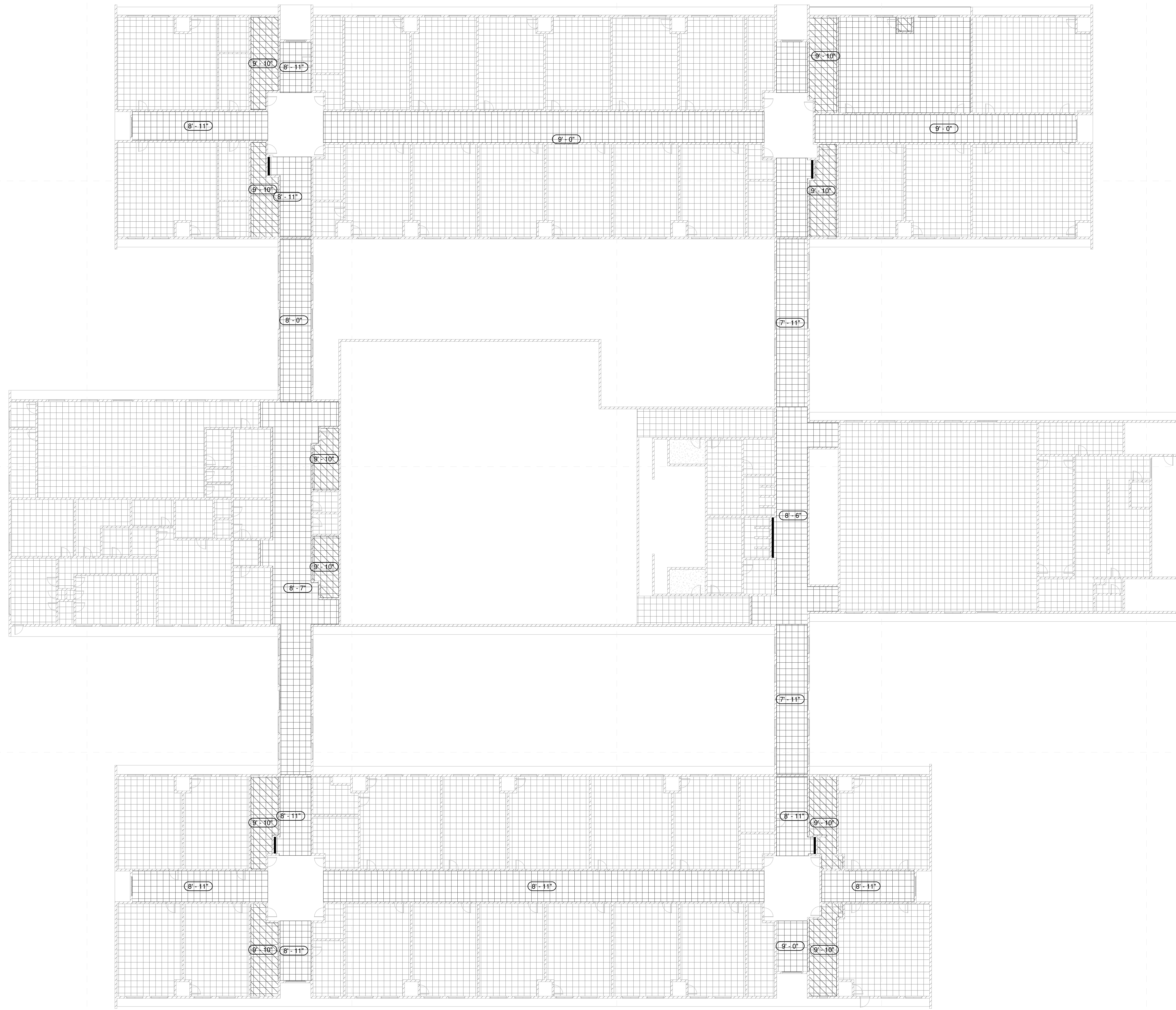
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Sunflower Consolidated School District ESSER 2&3 Phase I
Merritt Middle School: 705 Kinlock Rd, Indianola, MS 38751

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6 RCP - New Construction
1/16" = 1'-0"

General RCP Notes

- All ceiling heights shall be same as existing or lower, unless noted otherwise.
- Repair/replace any and all ceiling damaged due to construction activities.
- Bent ceiling grid damaged due to construction activities shall be replaced or bent to appear as new in shape.
- Install new Vinyl Ceiling Tile @ Renovated Toilet Rooms.
- Install new 2x2 Layin Ceiling at all Corridors.
- Ensure that existing hangers, if reused, are secured to substrate. Any failure of existing mounting system shall be repaired by contractor.

Ceiling Legend

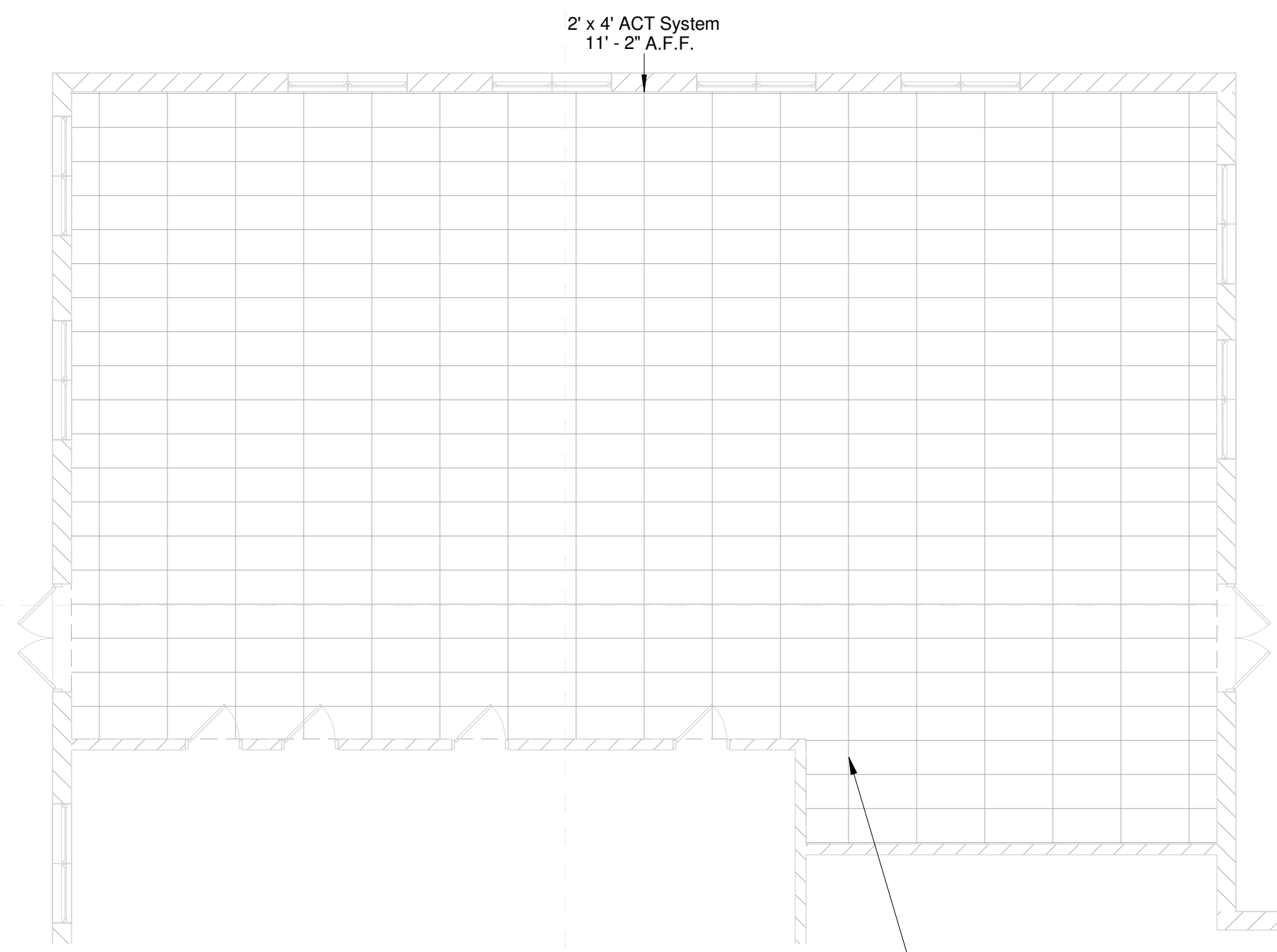
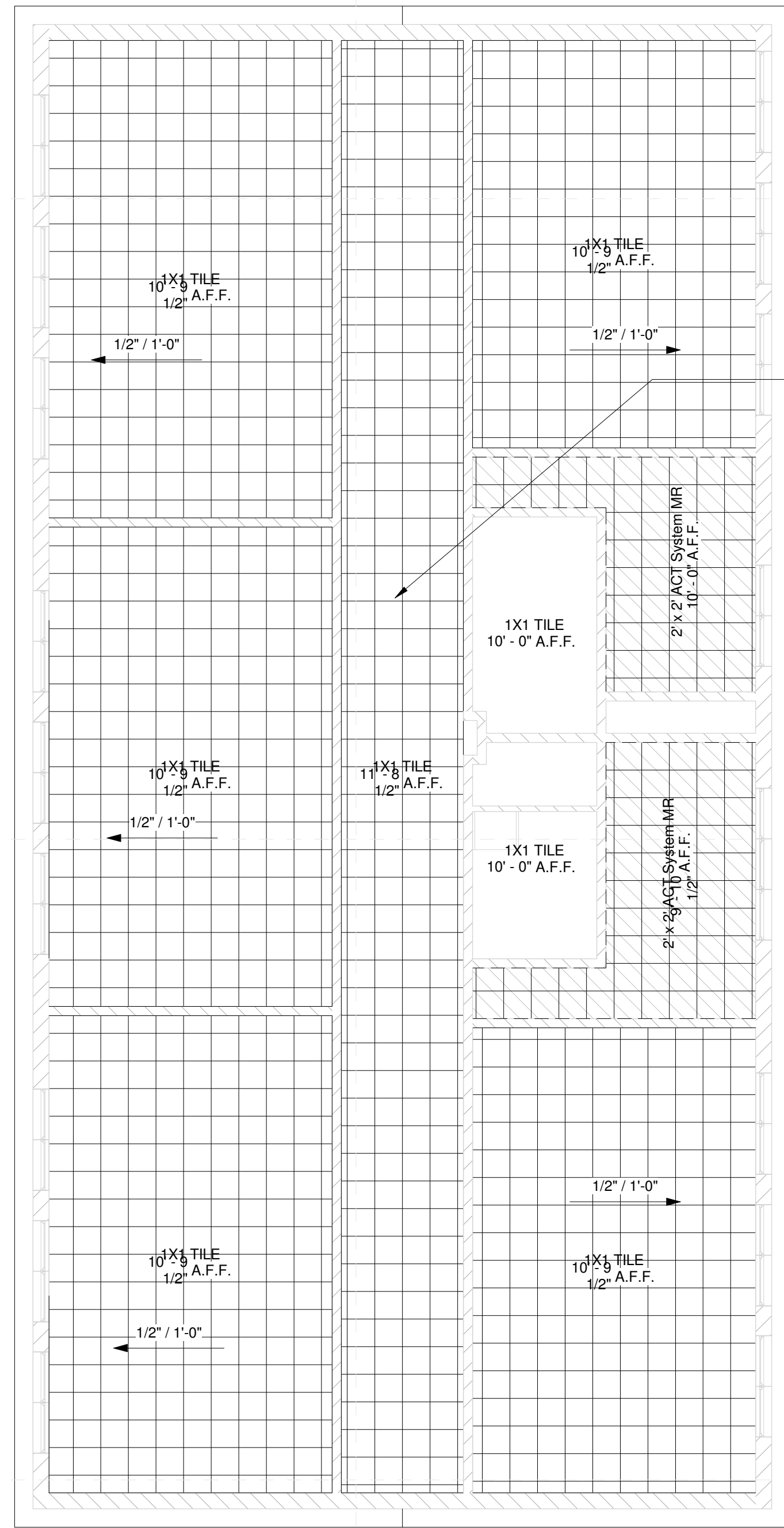
- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastener Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

Not For Construction

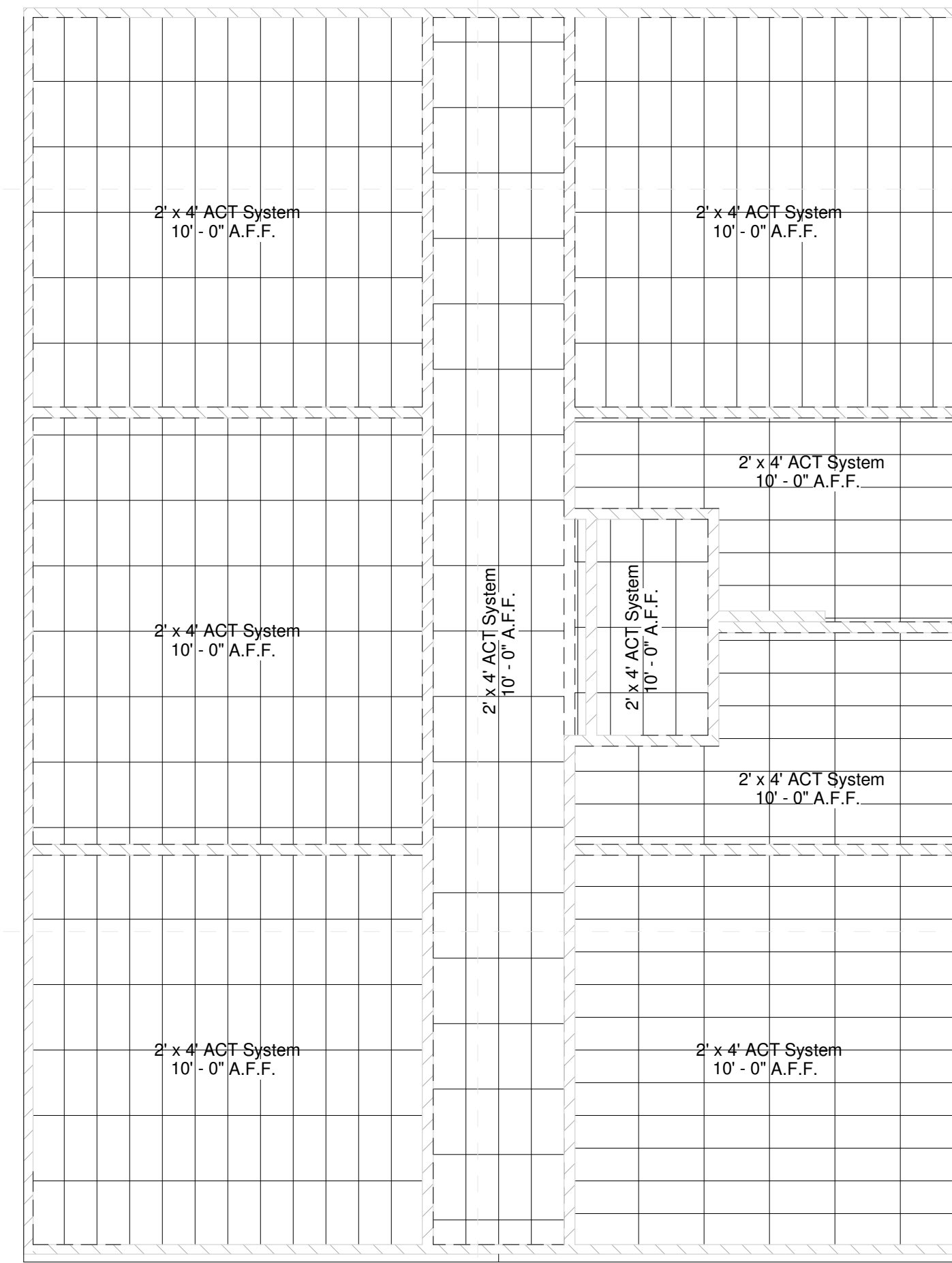
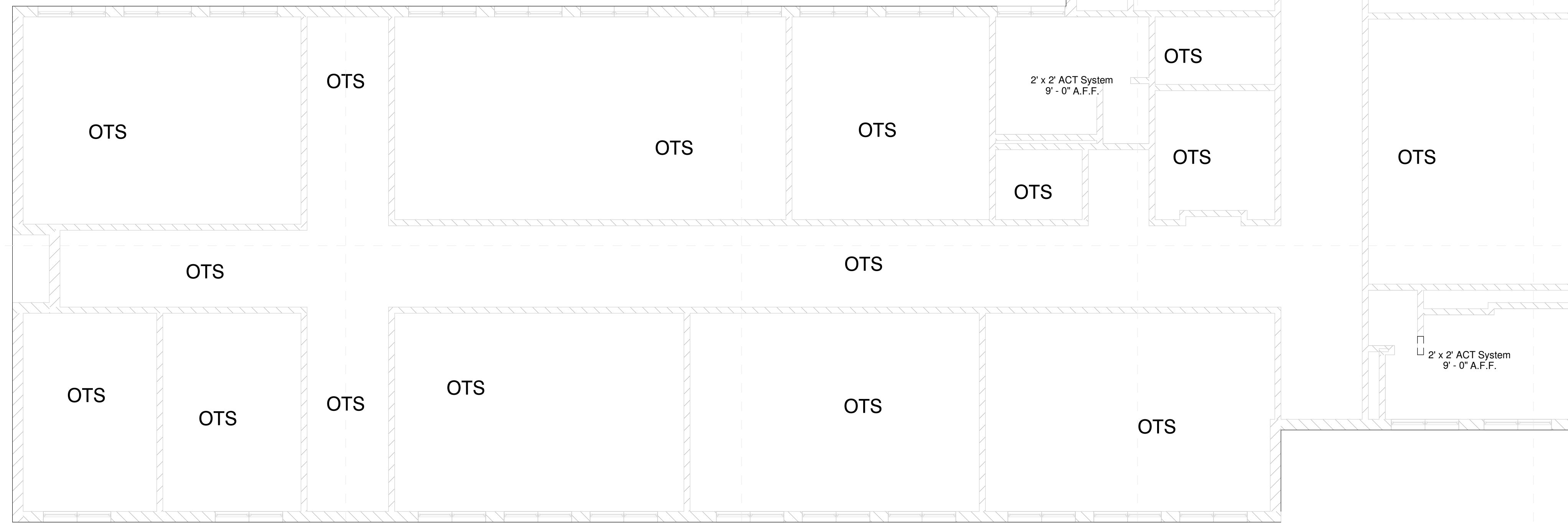
Sunflower Consolidated School District ESSER 2&3 Phase I
Merritt Middle School: 705 Kinlock Rd, Indianola, MS 38751

Construction Documents

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Date	3 January 2018
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2 Cafeteria - Demolition
1/8" = 1'-0"



General RCP Demolition Notes

- Where ceiling transitions from new ceiling to existing ceiling, coordinate with Architect detail.
- Remove all existing ceiling grid & tile unless noted otherwise, as well as any wall fasteners and/or mastics attached therein where shown to be replaced by new materials.
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- No work in rooms with ceiling open to the structure above, unless noted otherwise.

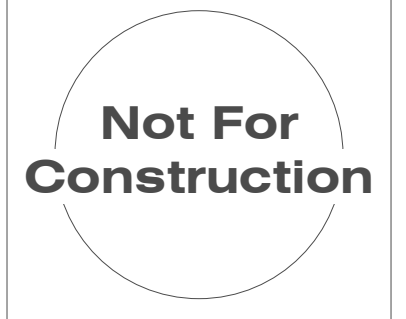


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Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastener Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

Sunflower Consolidated School District ESSER 2&3 Phase I
Ruleville Elementary School: 410 L F Packer Dr. Ruleville, MS 38771

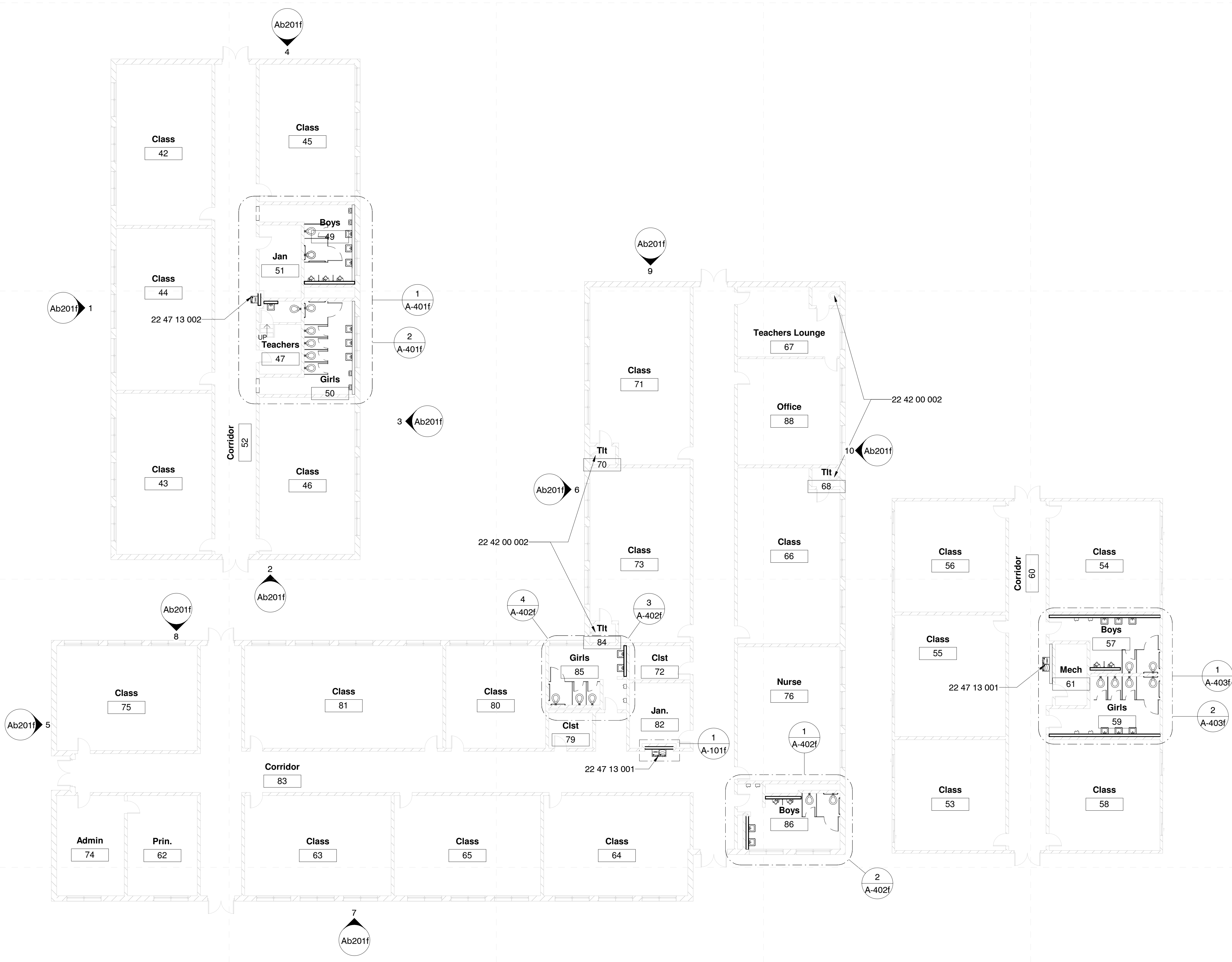
Construction Documents

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Date	Issue Date
Revisions	Rev Date

1 RCP - Existing Demo
1/8" = 1'-0"

**Not For
Construction**

Sunflower Consolidated School District ESSER 2&3 Phase I
Ruleville Elementary School: 410 L F Packer Dr. Ruleville, MS 38771

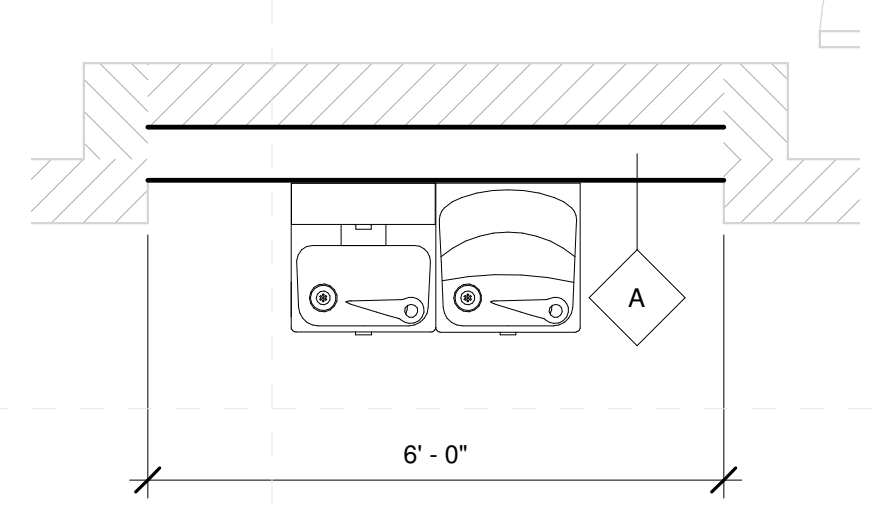
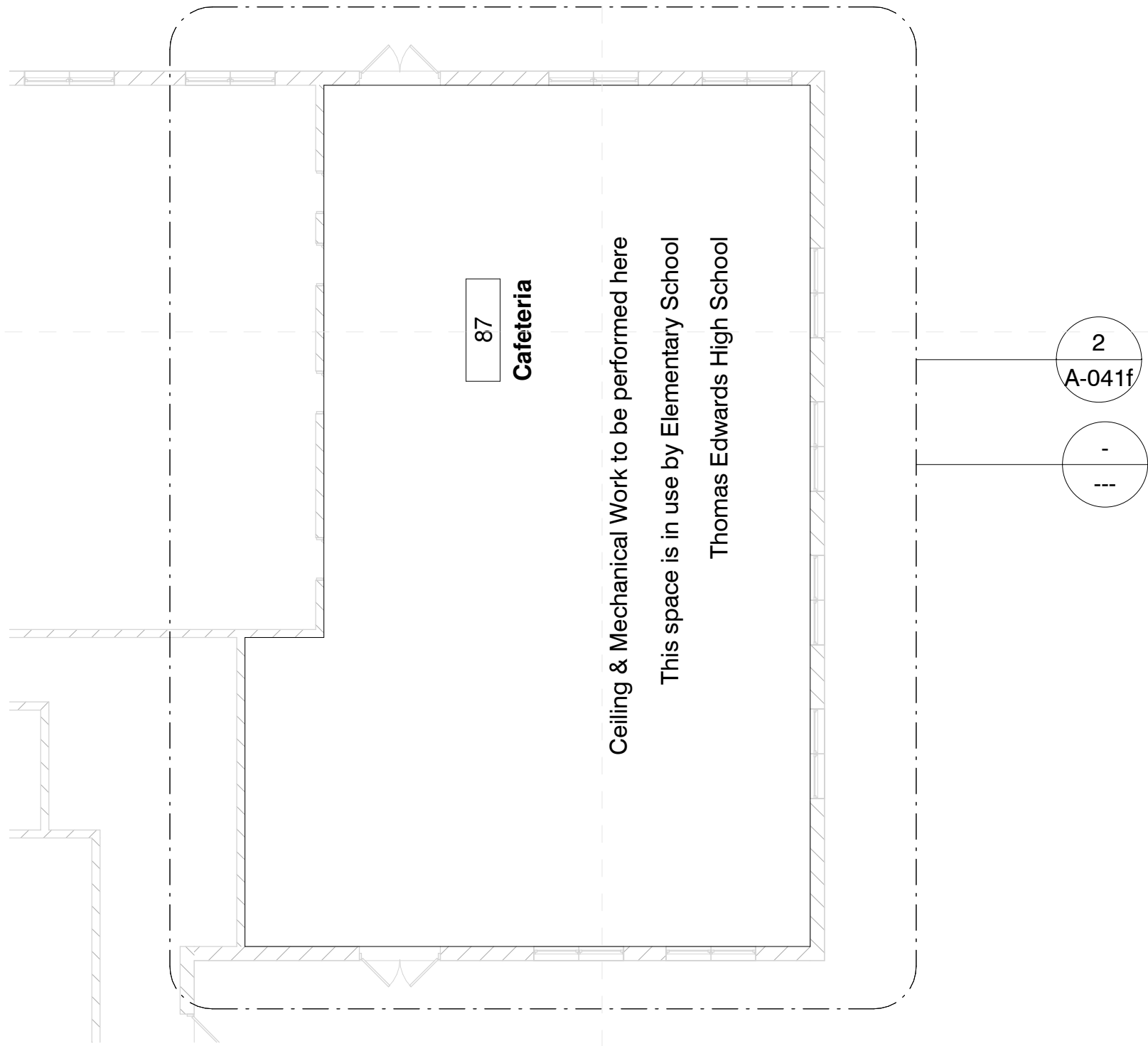


Specific Notes

22 42 00 002	New fixtures only in this toilet room; coordinate with mechanical
22 47 13 001	Install double drinking fountain here; coordinate with mechanical & electrical drawings
22 47 13 002	Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings

2 Composite Floor Plan
3/32" = 1'-0"

1 Central Fountain
1/2" = 1'-0"

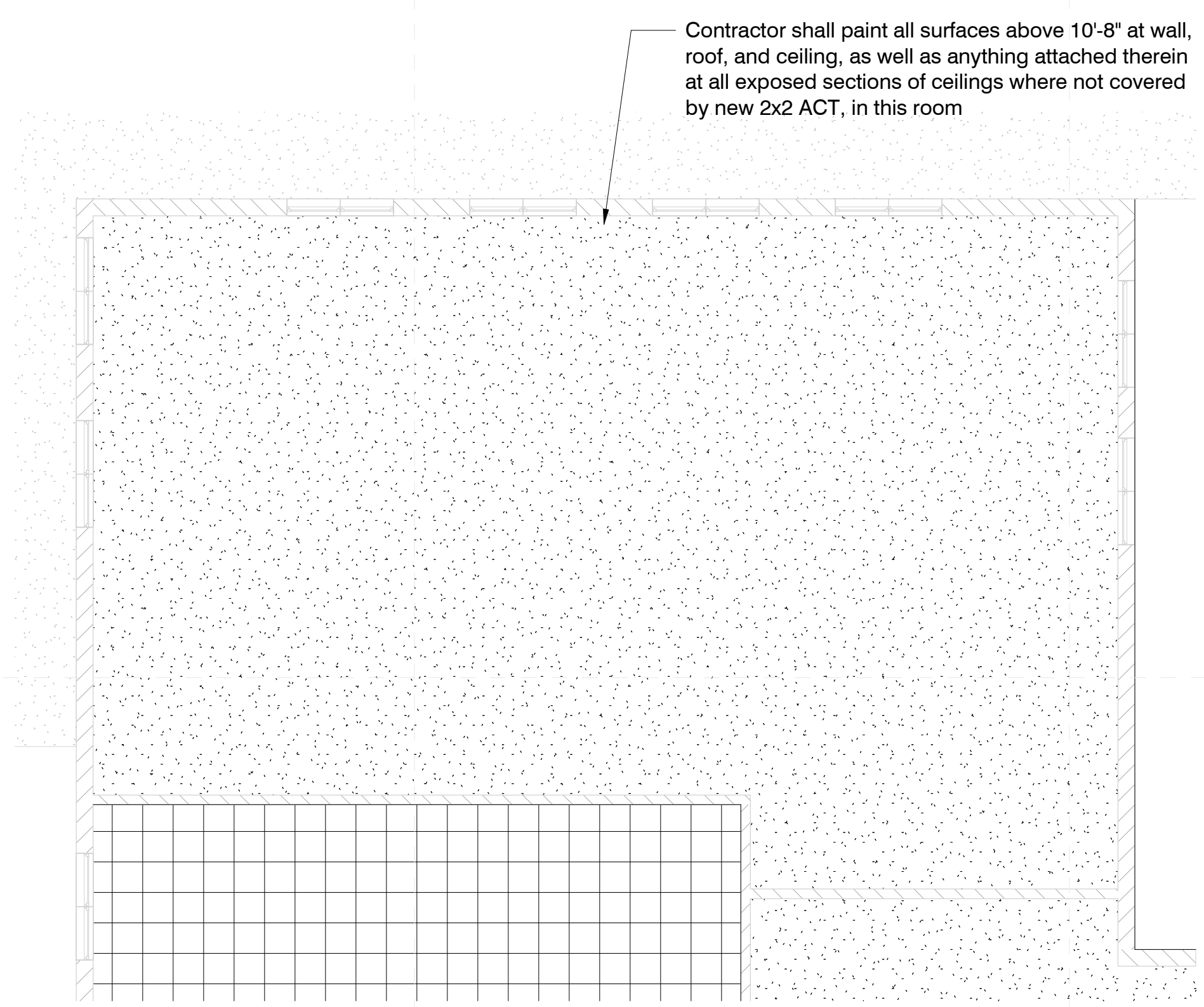
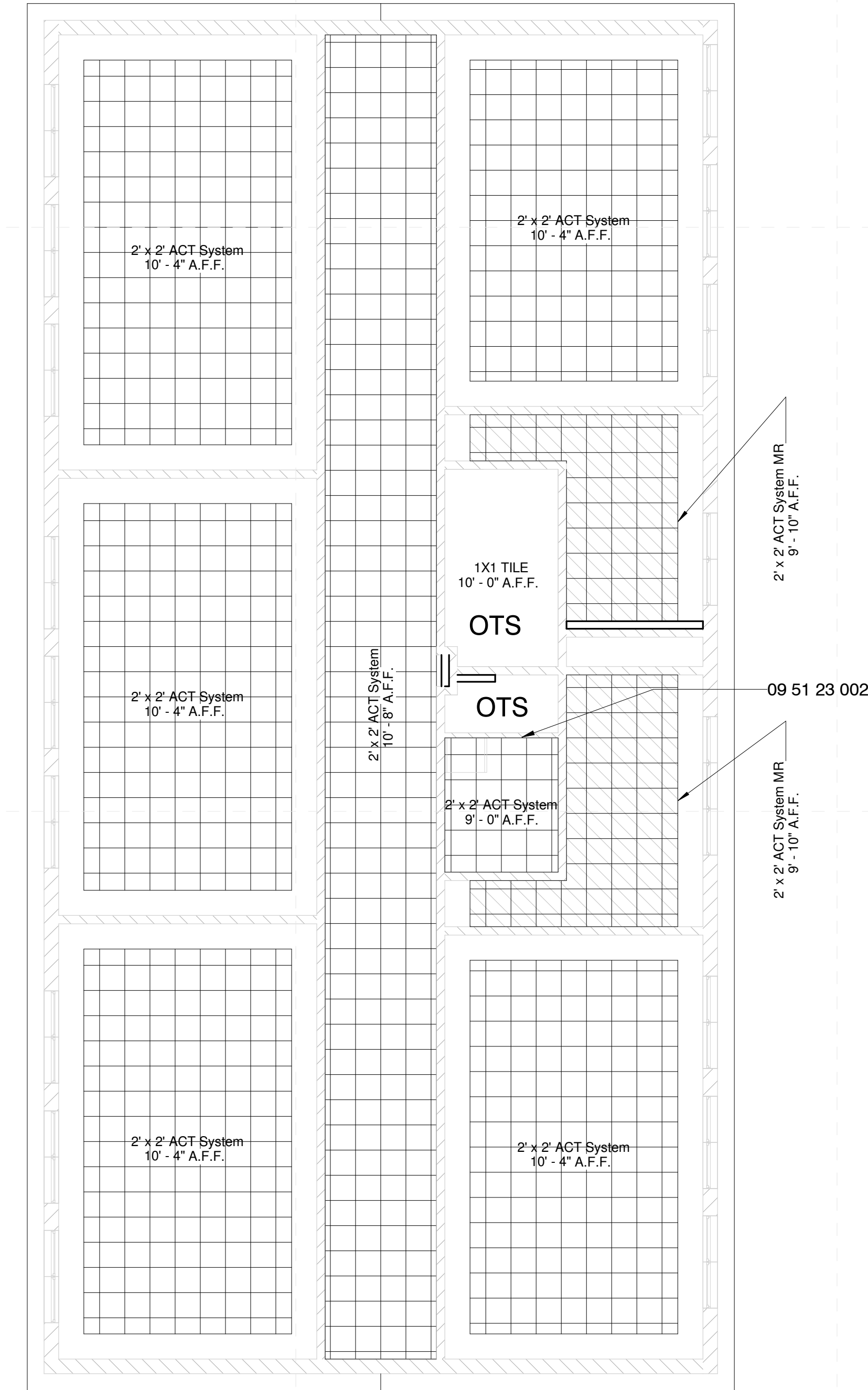
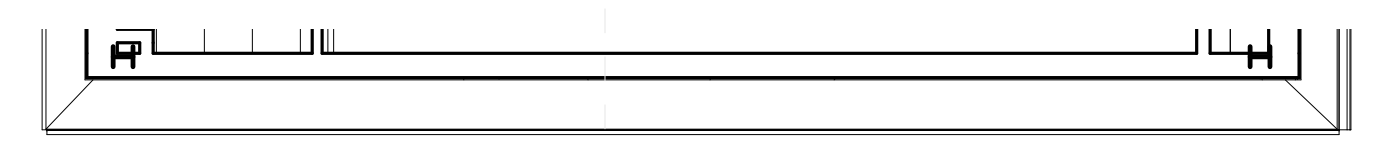
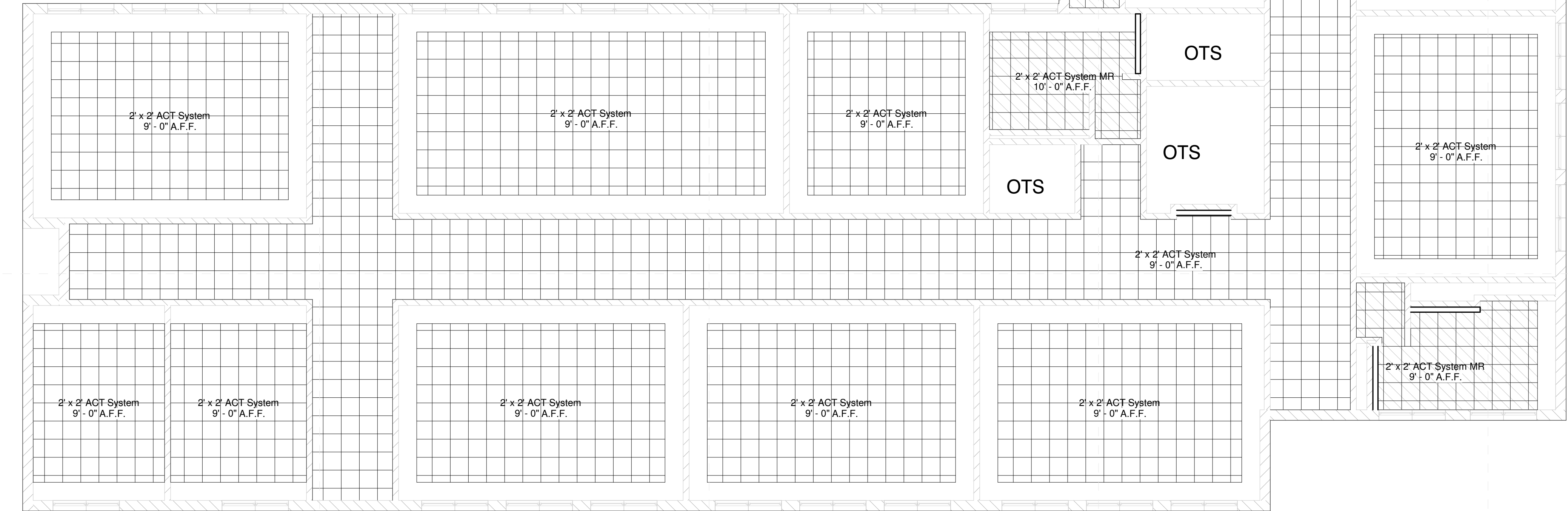


Construction Documents

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1 RCP - New Construction

1/8" = 1'-0"

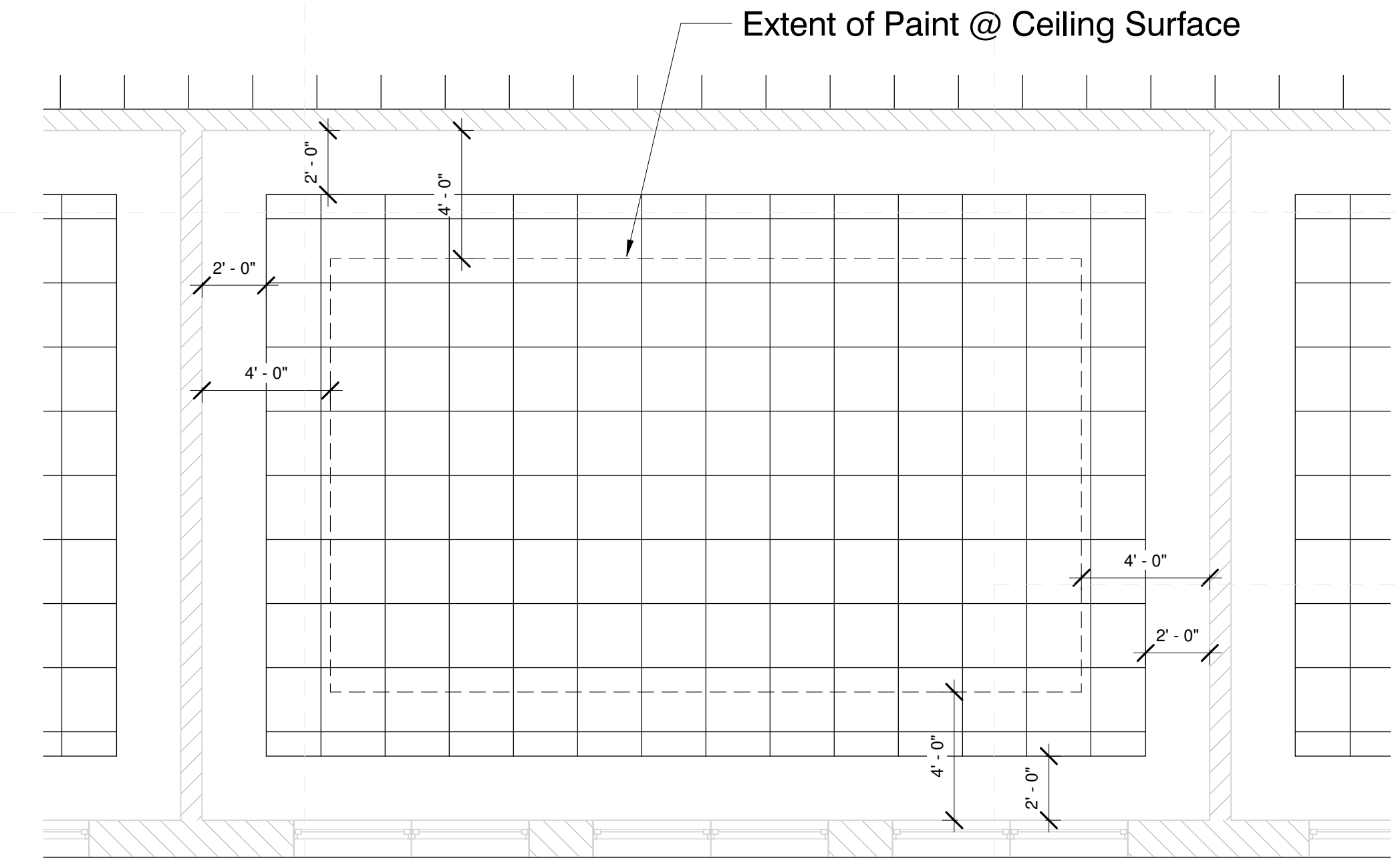
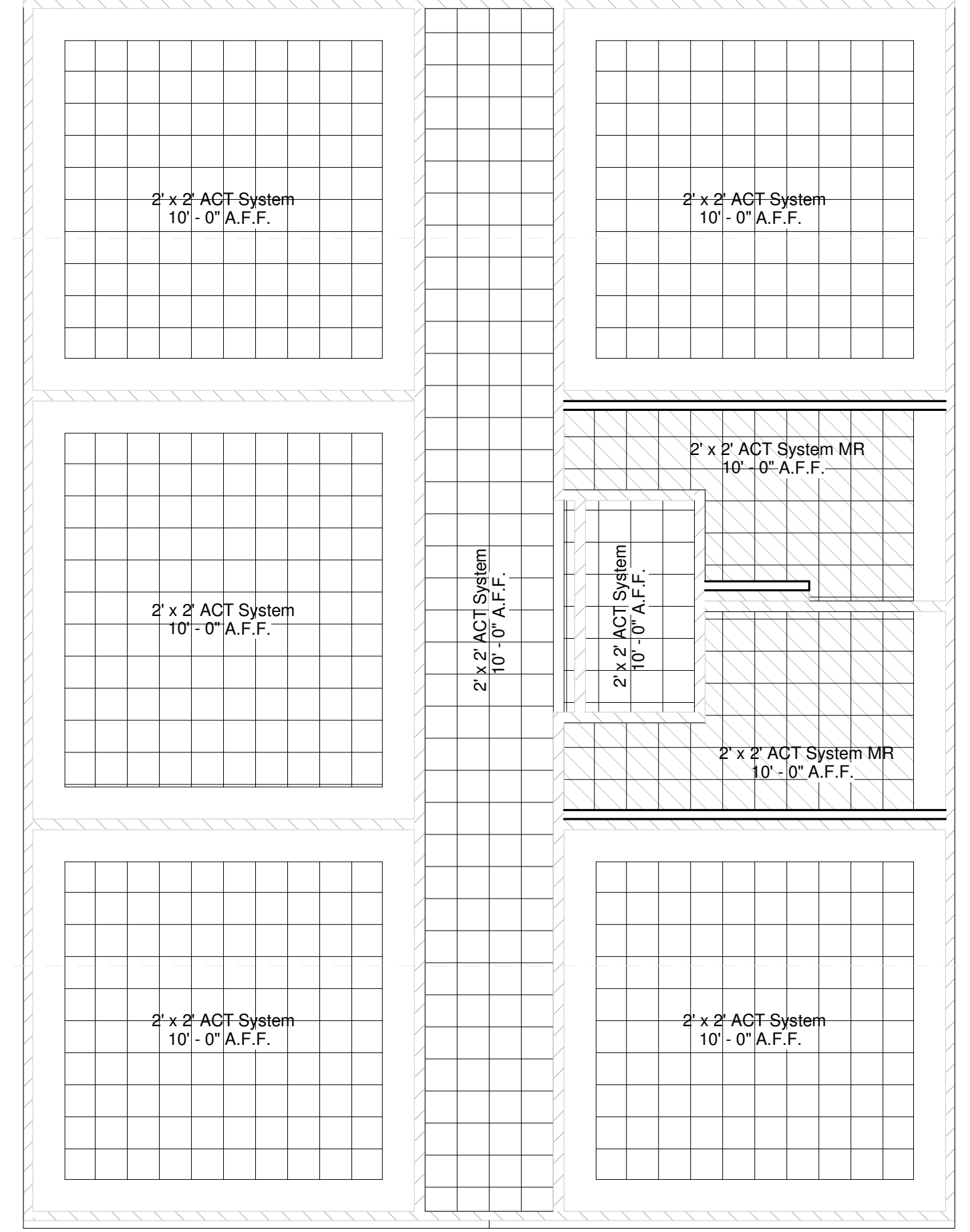


3 RCP - Cafeteria - New Construction

1/8" = 1'-0"

2 Typical Ceiling Layout

1/4" = 1'-0"



General RCP Notes

1. Install new ceiling grid and tile throughout, unless noted otherwise. Ensure that existing hangers, if reused, are secured to substrate. Any failure of existing mounting system shall be repaired by contractor.
2. All ceiling heights shall be same as existing or lower, unless noted otherwise.
3. Contractor shall paint all surfaces above 8'-8" at wall, roof, and ceiling, as well as anything attached therein at all exposed sections of ceilings where not covered by new 2x2 ACT, unless noted otherwise.
4. Repair/replace any and all ceiling damaged due to construction activities.
5. Bent ceiling grid damaged due to construction activities shall be replaced or bent to appear as new in shape.

Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastender Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

Specific Notes

- 09 51 23 002 Install ATC as wall from ceiling level up to roof/floor deck

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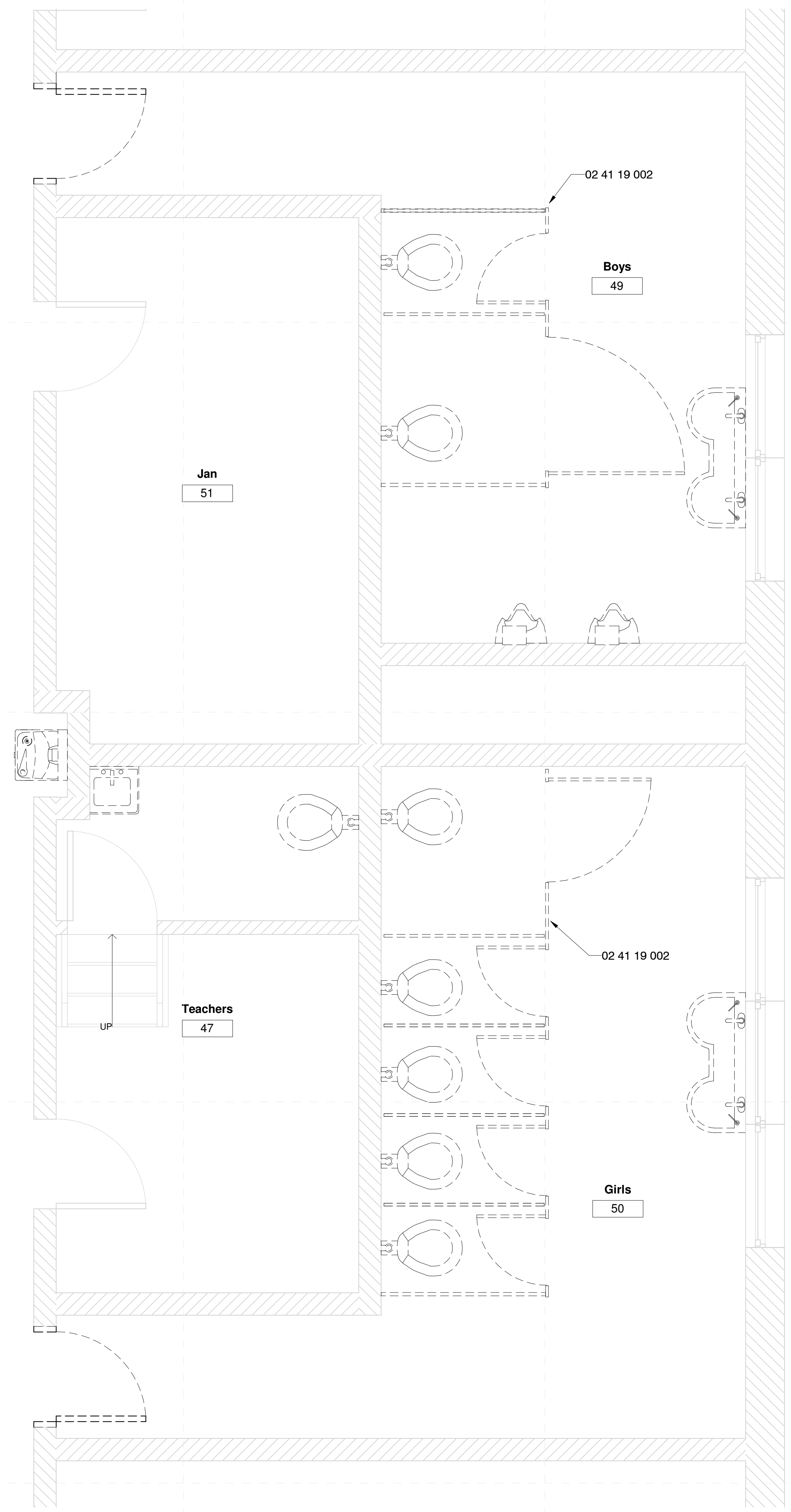
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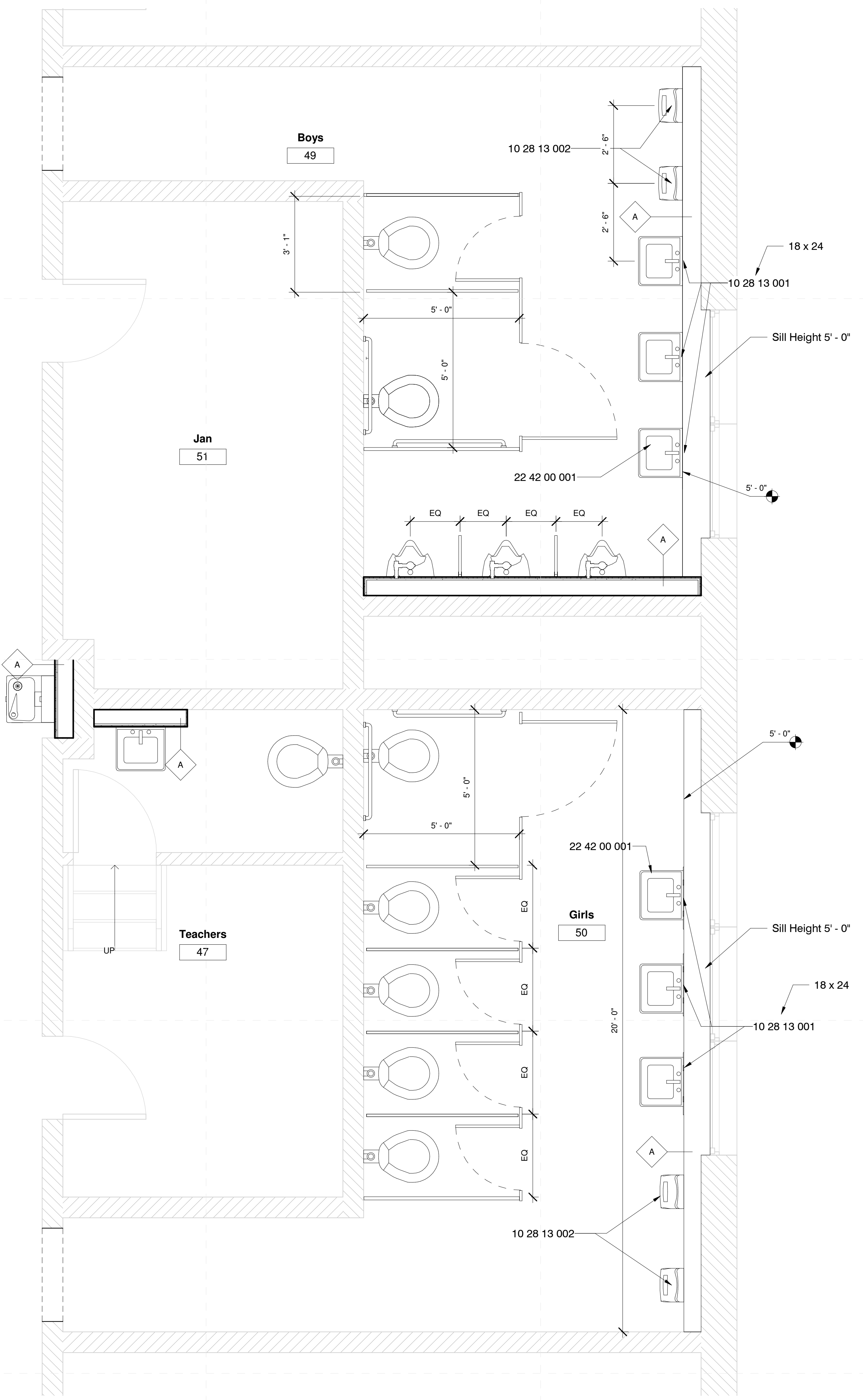
Sunflower Consolidated School District ESSER 2&3 Phase I
Ruleville Elementary School: 410 L F Packer Dr. Ruleville, MS 38771

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1 Toilets - NW Bank -Existing
1/2" = 1'-0"



2 Toilets - NW Bank -New Construction
1/2" = 1'-0"

General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- Install new grab bars at all ADA & AMB toilets
- Install moisture resistant back board at all new tile.
- Clean and reseat grout at floor tile.
- Wash down and clean all FRP to remain.

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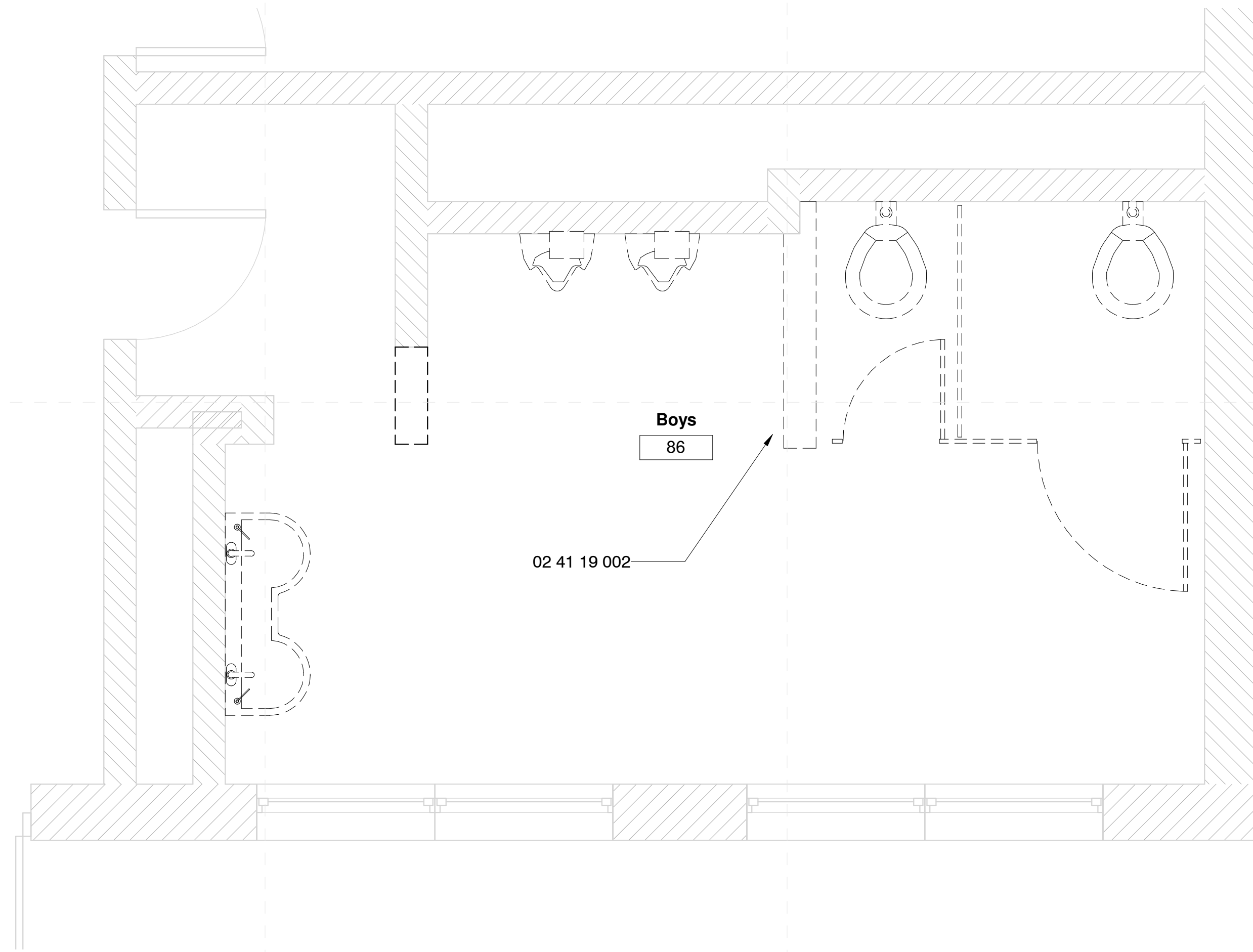
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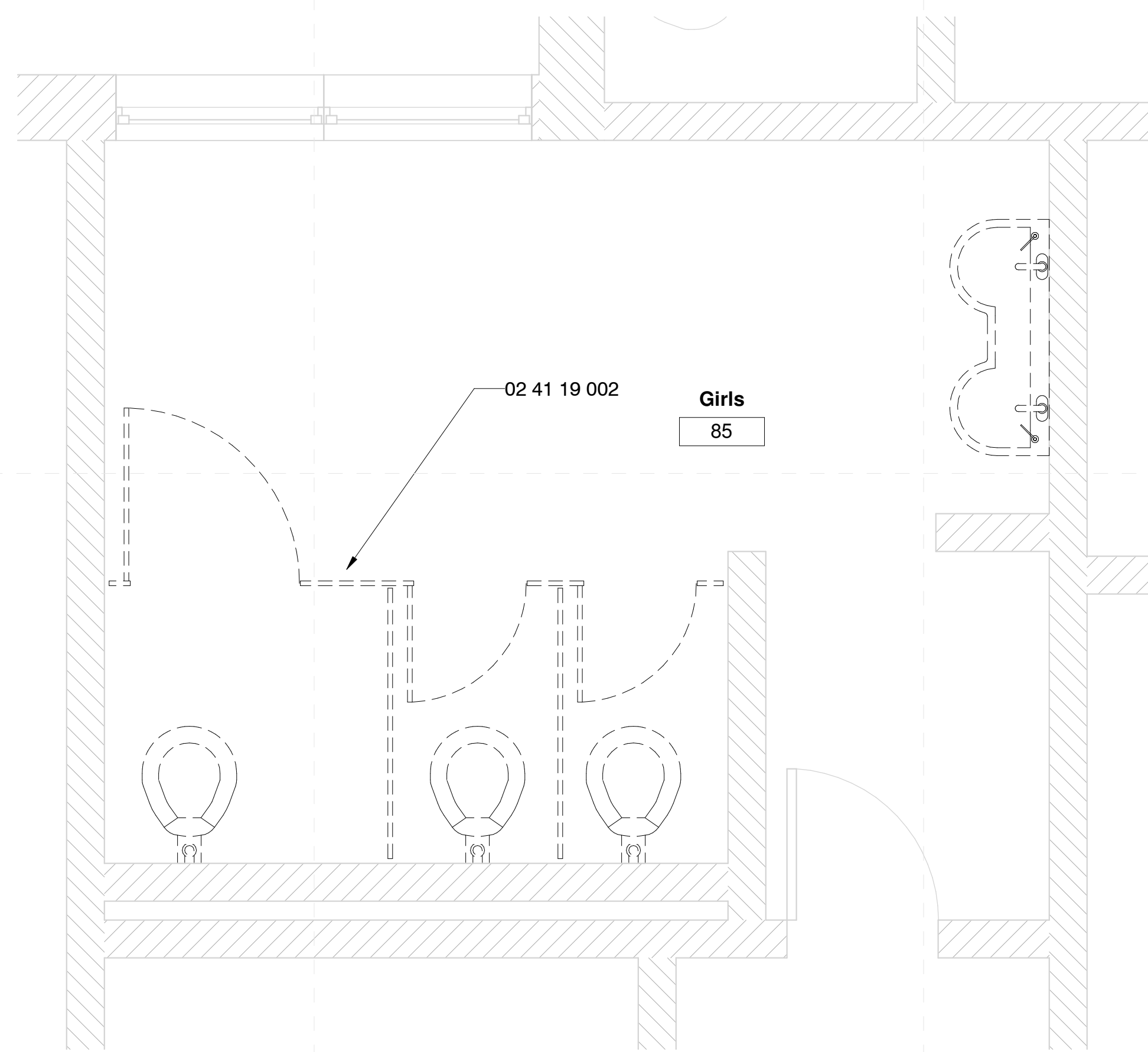
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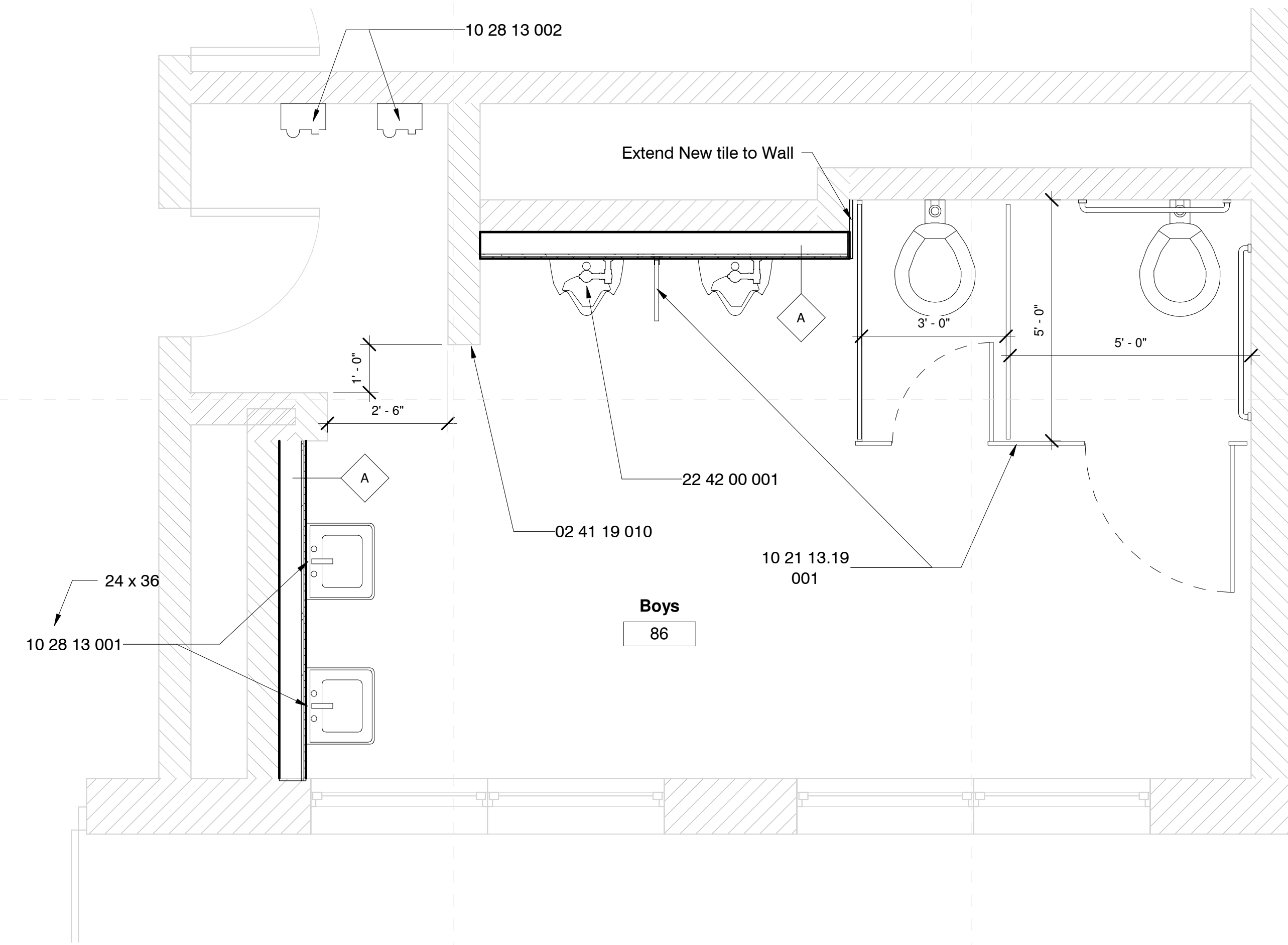
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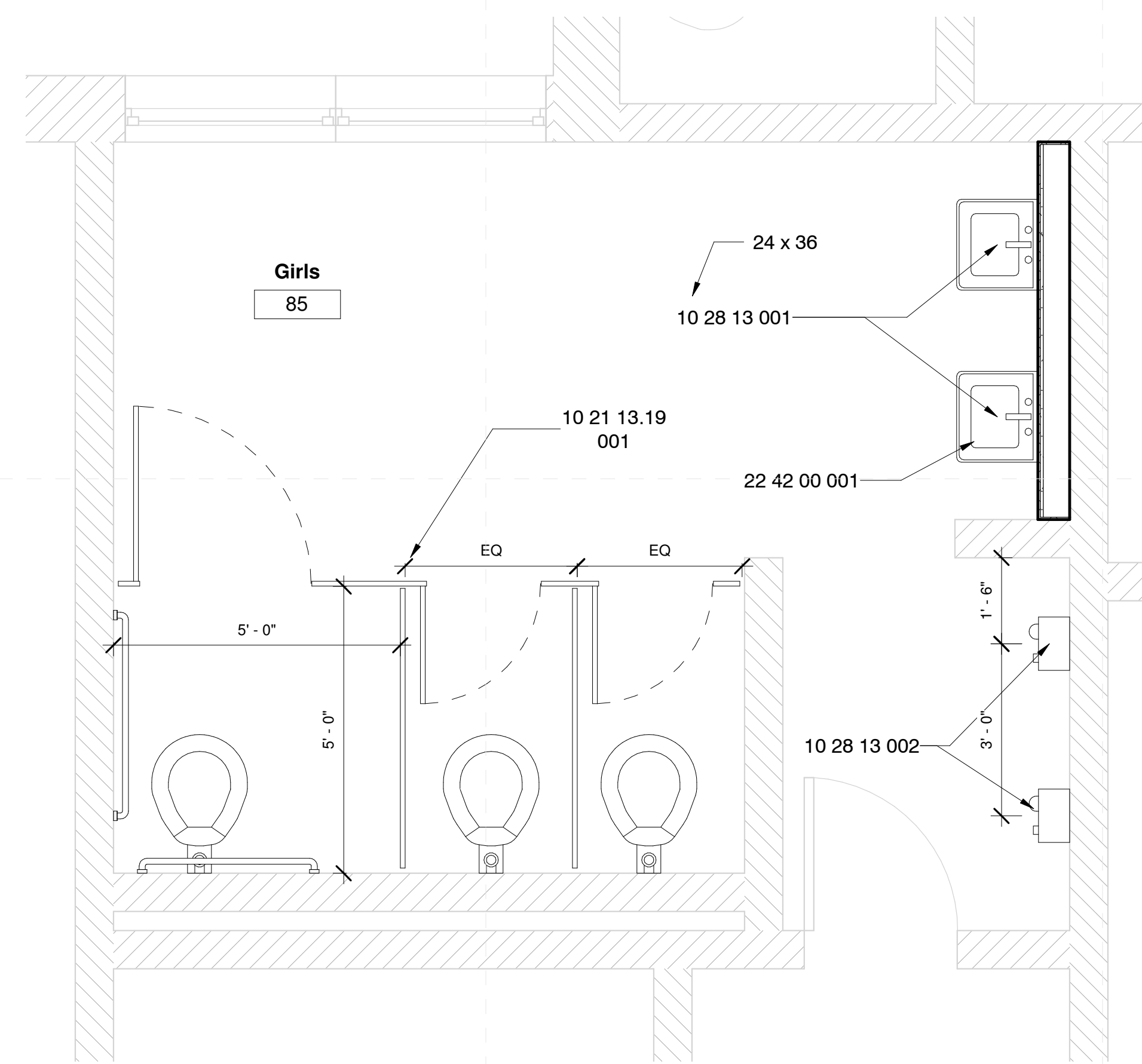
1 Toilets - Central Bank E - Existing
1/2" = 1'-0"



3 Toilets - Central Bank W - Existing
1/2" = 1'-0"



2 Toilets - Central Bank E - New Construction
1/2" = 1'-0"



4 Toilets - Central Bank W - New Construction
1/2" = 1'-0"

General Demolition Notes

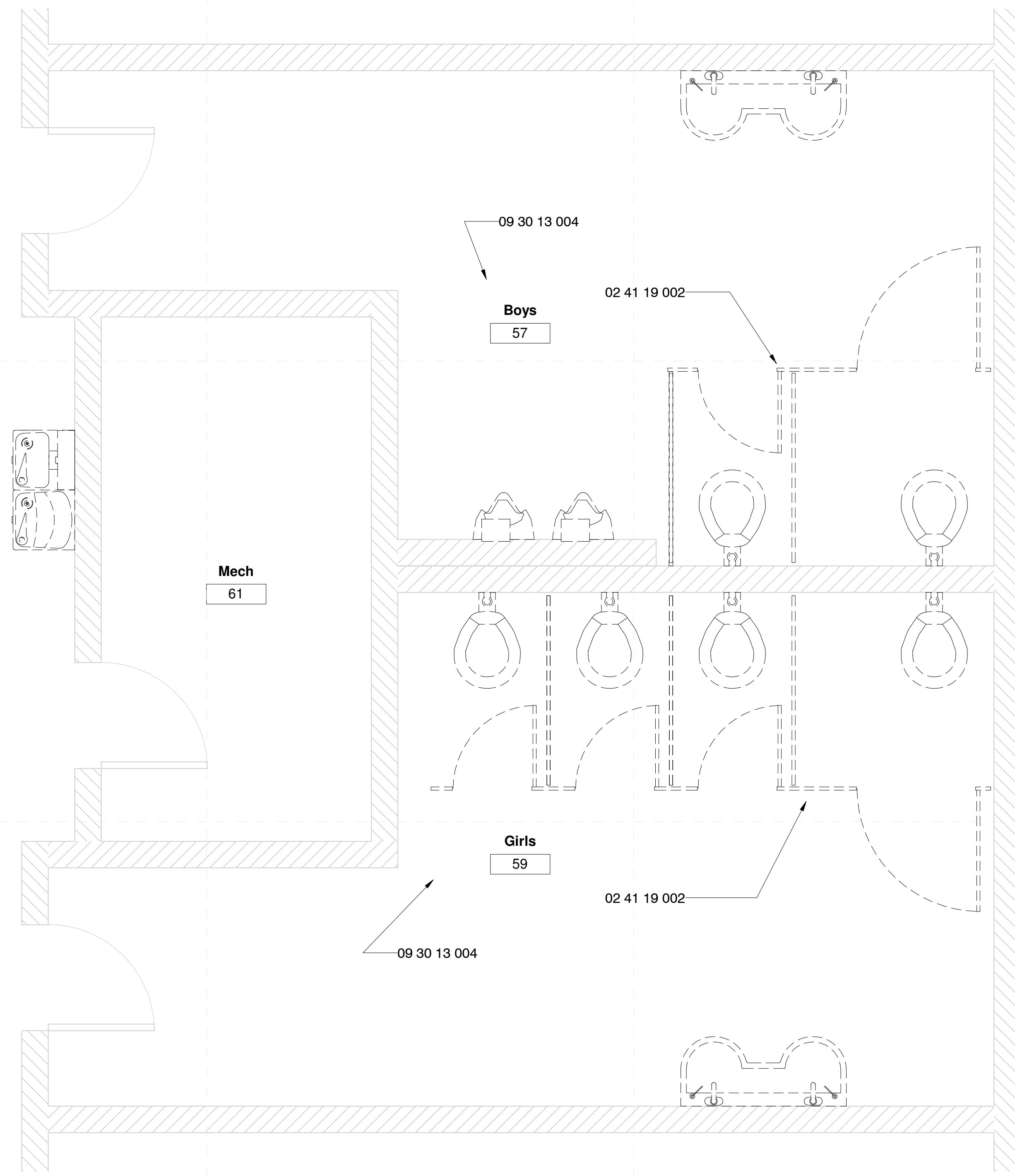
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- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

Specific Notes

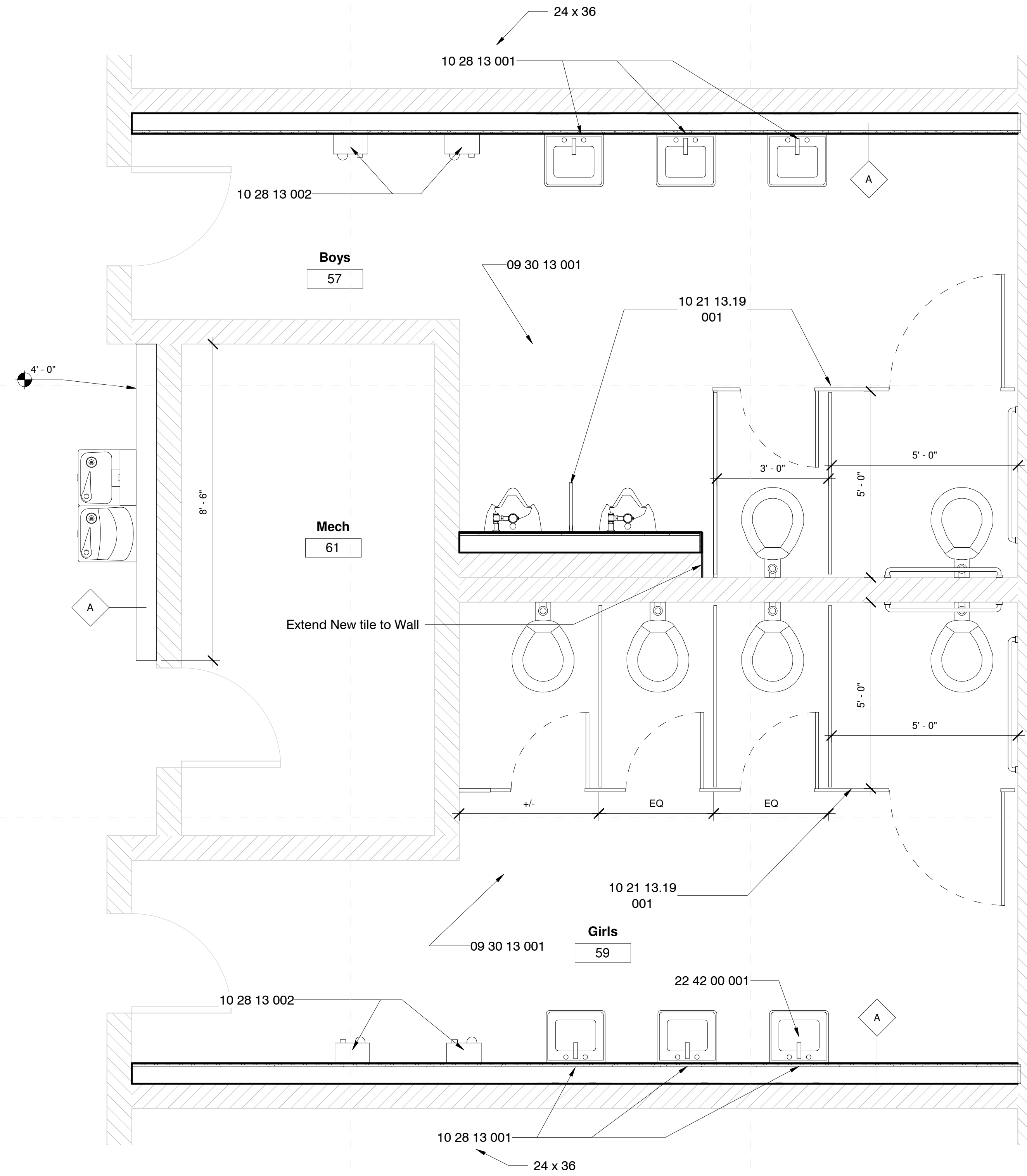
02 41 19 002	Dashed lines indicated extent of demoed work
02 41 19 010	Repair demoed to remain with like material
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- Install new grab bars at all ADA & AMB toilets
- Install moisture resistant back board at all new tile.
- Clean and reseal grout at floor tile.
- Wash down and clean all FRP to remain.



1 Toilets - East Bank - Existing
1/2" = 1'-0"



2 Toilets - East Bank - New Construction
1/2" = 1'-0"

General Finish Plan Notes

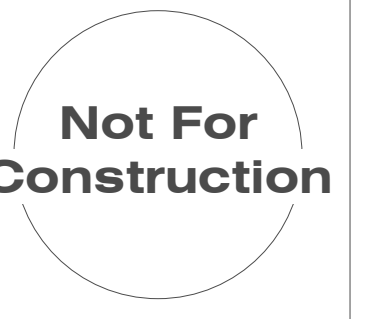
1. Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
2. Install new grab bars at all ADA & AMB toilets
3. Install moisture resistant back board at all new tile.
4. Clean and resal grout at floor tile.
5. Wash down and clean all FRP to remain.

Specific Notes

- | | |
|-----------------|---|
| 02 41 19 002 | Dashed lines indicated extent of demoed work |
| 09 30 13 001 | Install new floor tile; slope to floor drain if drain provided |
| 09 30 13 004 | Prep surface for new tile install; contractor shall be responsible for issues concerning lack of adhesion between mortar and substrates as well as levelness of finished tile |
| 10 21 13.19 001 | Install new toilet partitions (typical) |
| 10 28 13 001 | Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted |
| 10 28 13 002 | Install hand dryer here; coordinate with electrical & mechanical |
| 22 42 00 001 | Coordinate new fixture installations with mechanical, typical for new |

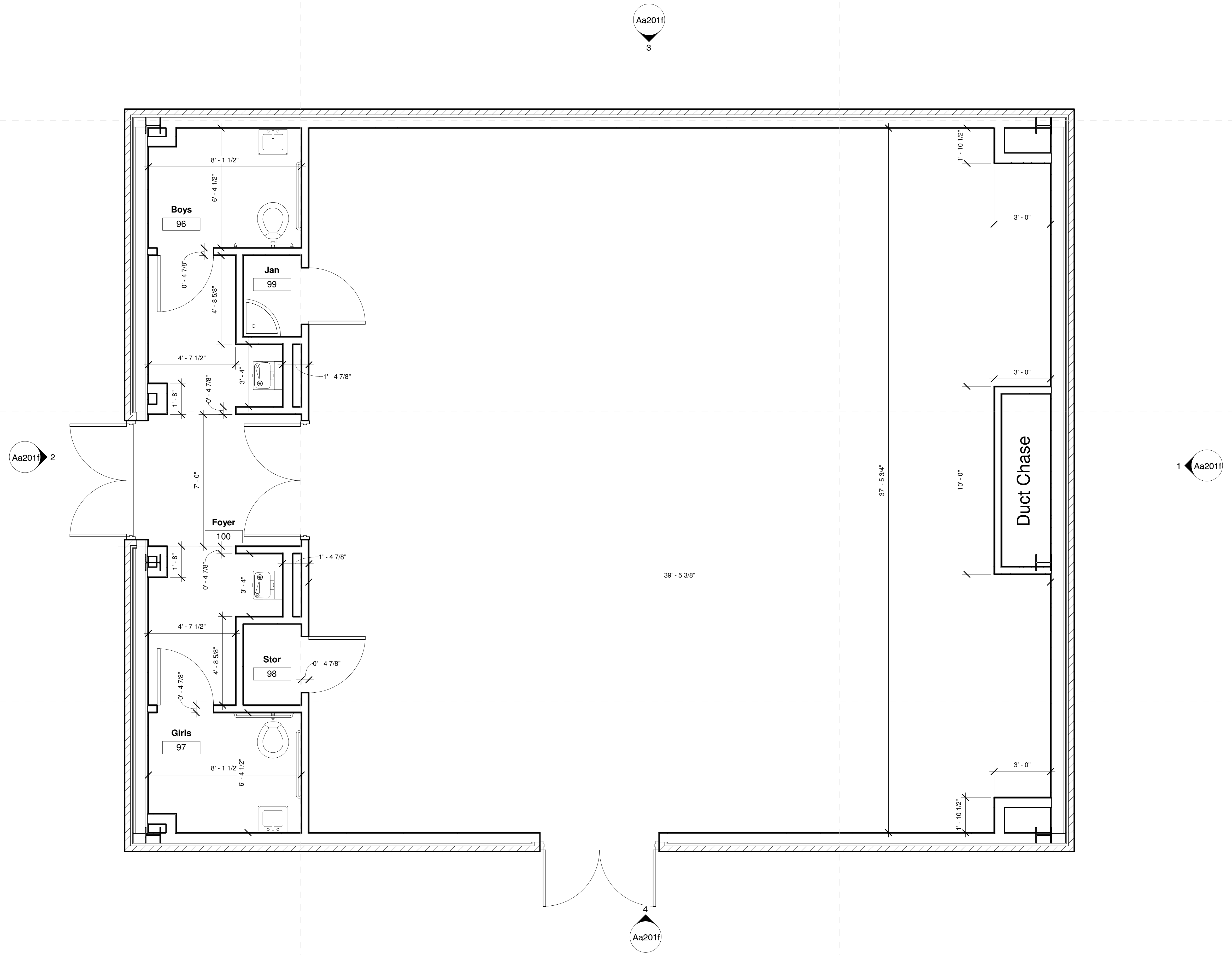
General Demolition Notes

1. Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
2. Remove all existing flooring, ceiling tile, rubber base, etc... where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
3. Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
4. Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
5. Burying or Burning of materials will not be permitted on site.
6. Repair any damage caused to building construction identified to remain.
7. Refer to other discipline drawings for additional demolition information as noted
8. Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
9. Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
10. Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
11. Remove partitions and existing fixtures.



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1 Multi-Purpose Building Floor Plan
3/8" = 1'-0"



- General Finish Plan Notes**
1. Install Tile at floor in toilet rooms.
 2. Install Tile Wainscot to 4'-0" AFF in toilet rooms.
 3. Install VCT at all other floors.
 4. Install 5/8" Impact Resistant Drywall Throughout.
 5. Install FRP at Janitor's closet, floor to ceiling.
 6. Install new grab bars at all ADA & AMB toilets.
 7. Install moisture resistant back board at all new tile.

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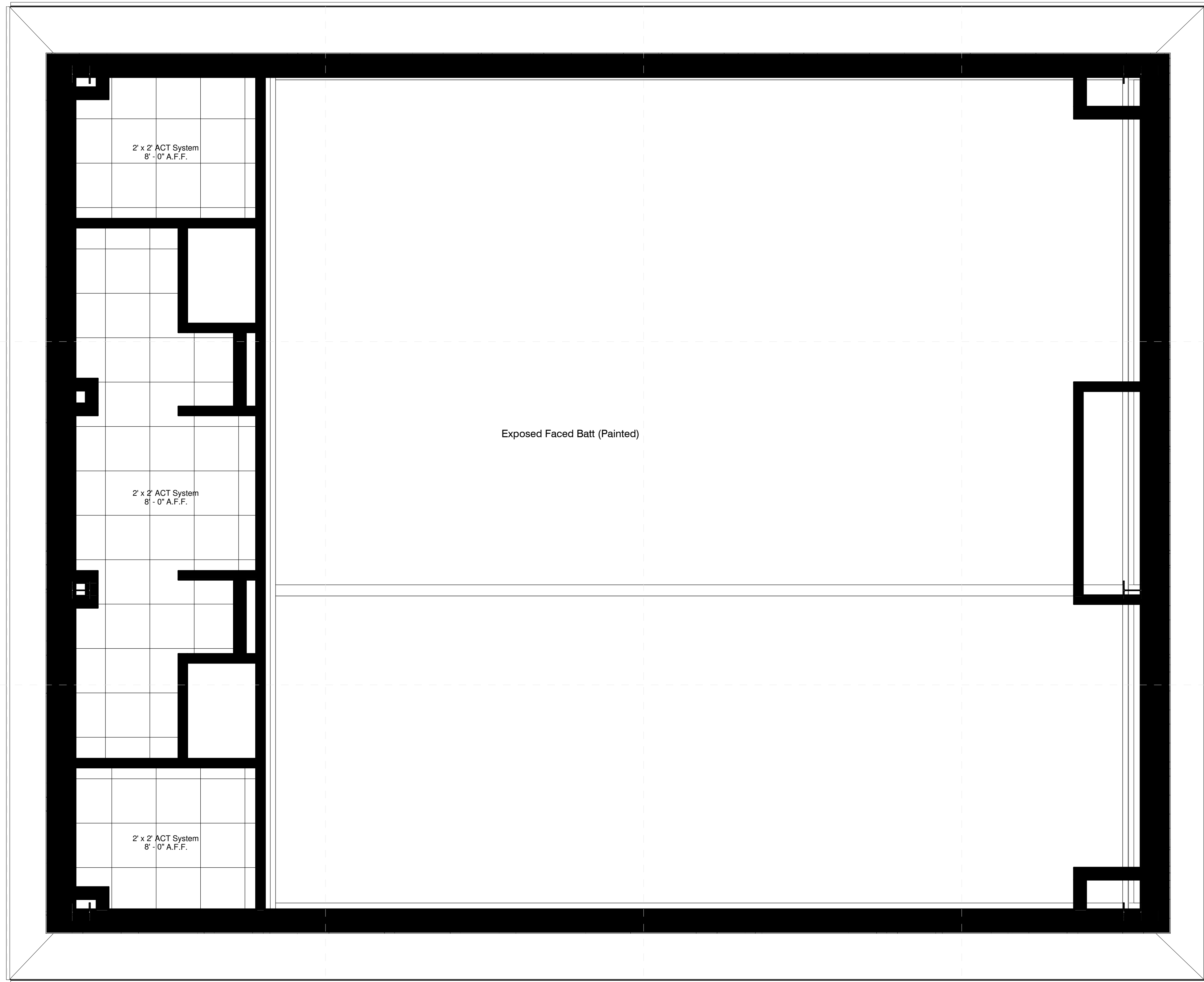
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- General RCP Notes**
1. Install new ceiling grid and tile where shown.
 2. Contractor shall paint all surfaces above 8'-0" at wall, roof, and ceiling, as well as anything attached therein at all exposed sections of ceilings where not covered by new 2x2 ACT, unless noted otherwise.

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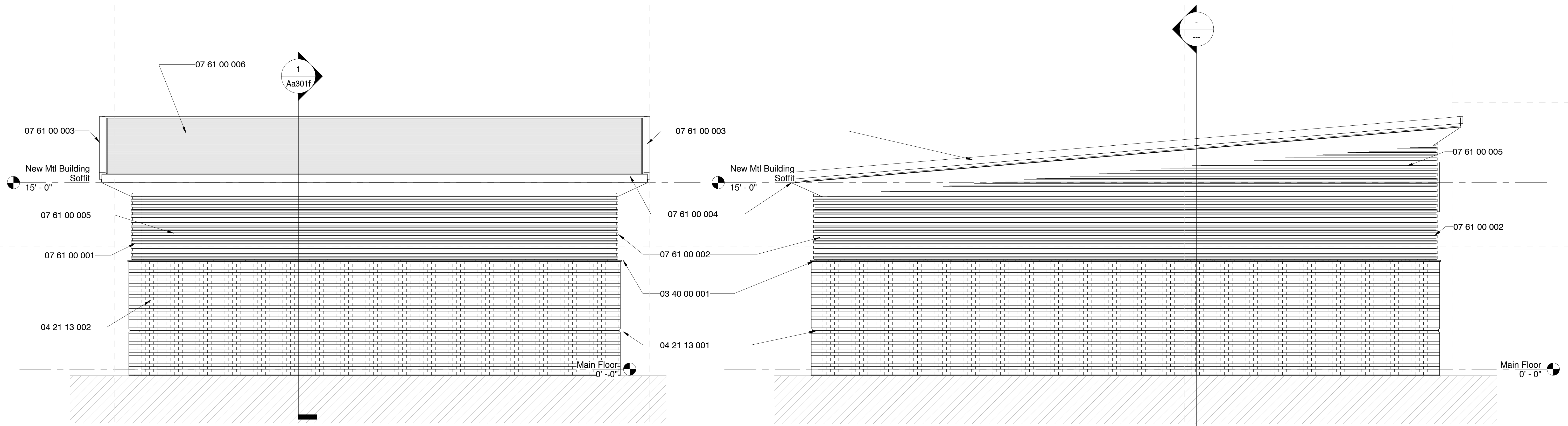
- Ceiling Legend**
- Moisture Resistant Acoustical Lay In Ceiling
 - Colored Acoustical Lay In Ceiling
 - Vinyl Faced Acoustical Lay In Ceiling
 - Gypsum Board Ceiling
 - 2x2 Acoustical Lay In Ceiling
 - Plaster/Stucco
 - Concealed Fastender Painted Metal Soffit
 - 2x2 Fluorescent Fixture
 - Surface-Mounted Fluorescent Light Fixture
 - Recessed Can Light Fixture
 - HVAC Supply Grille
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1 RCP - Multi-Purpose - New Construction
3/8" = 1'-0"

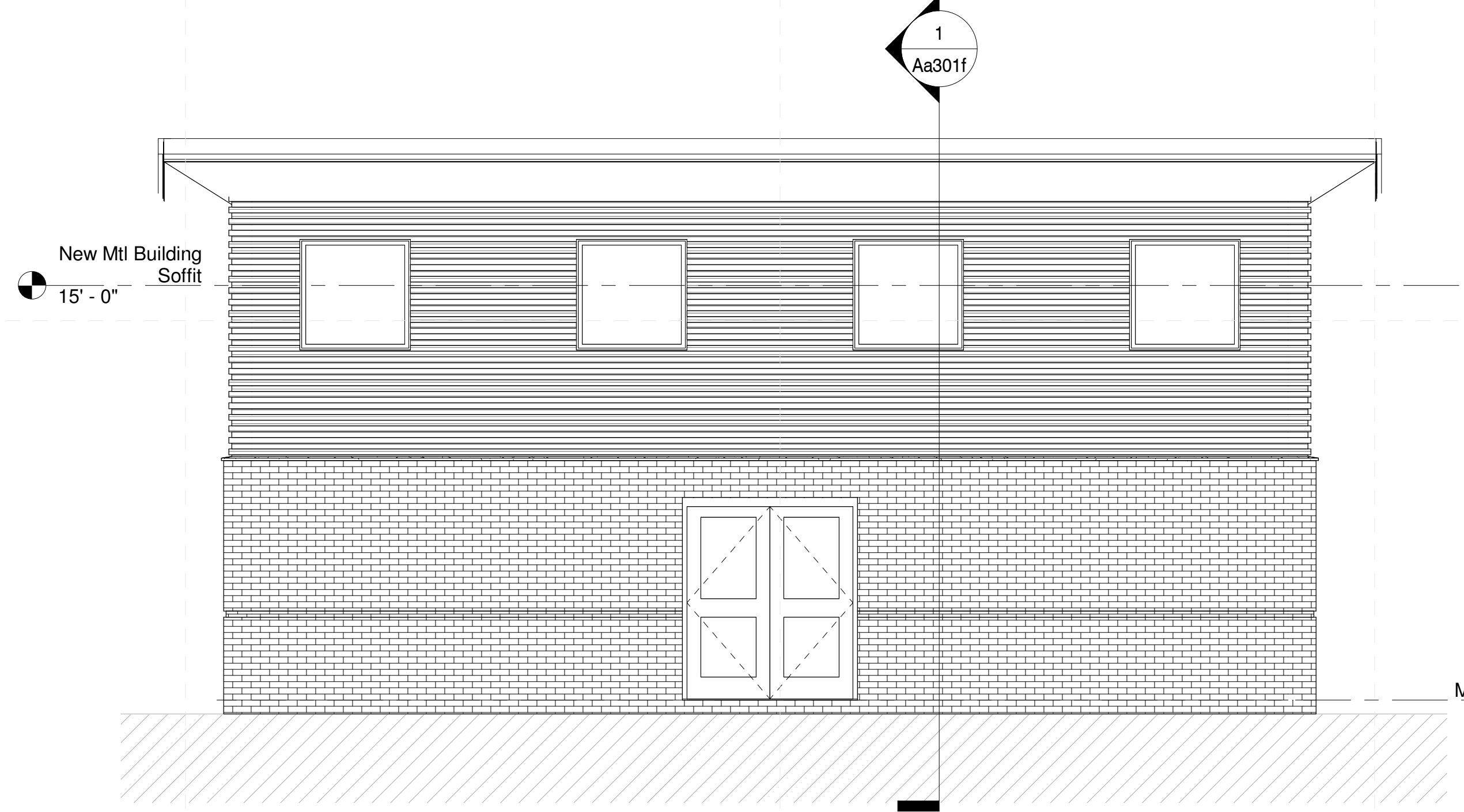


1 Multi Purpose Building East
1/4" = 1'-0"

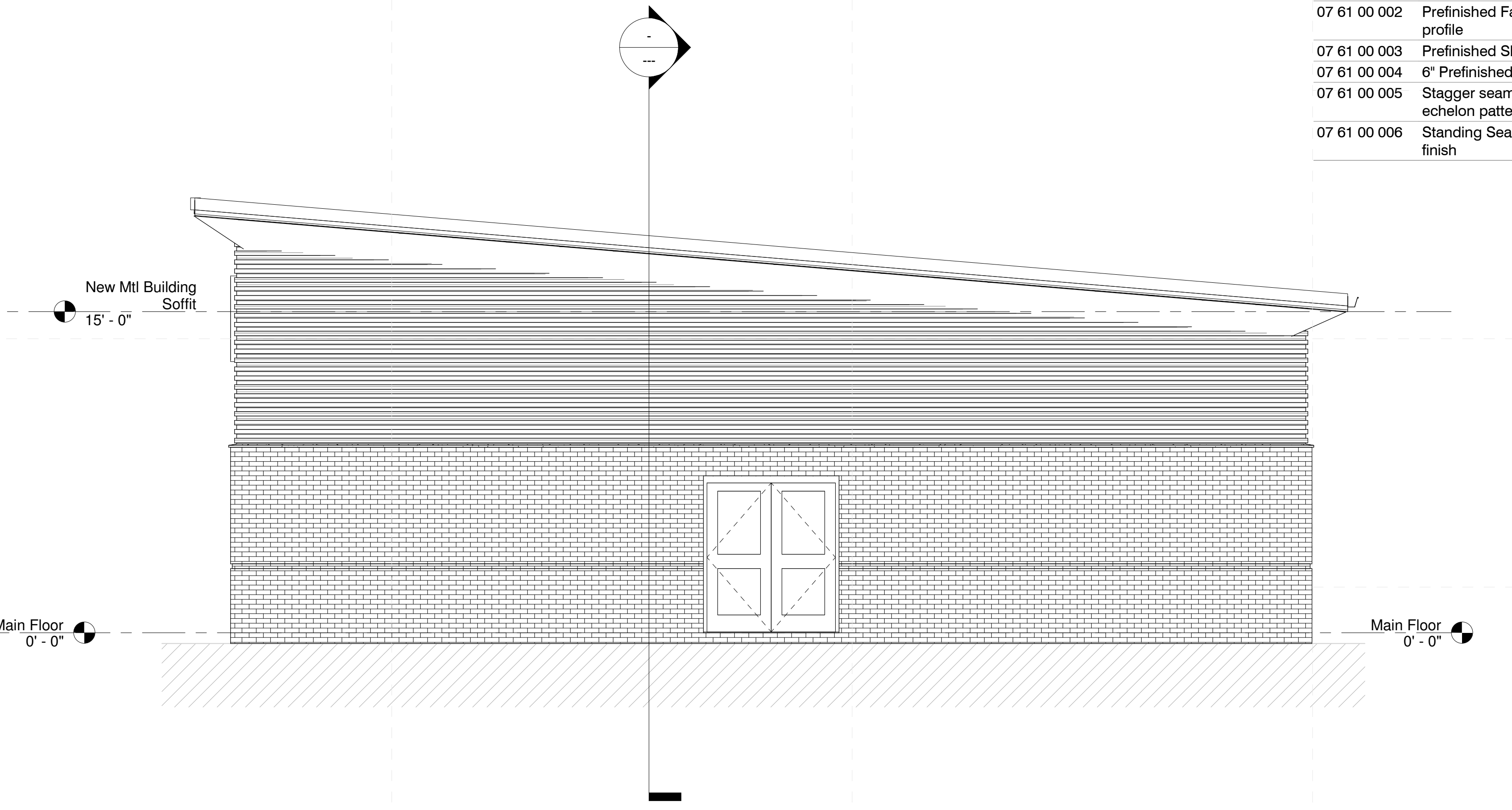
3 Multi Purpose Building North
1/4" = 1'-0"

Specific Notes

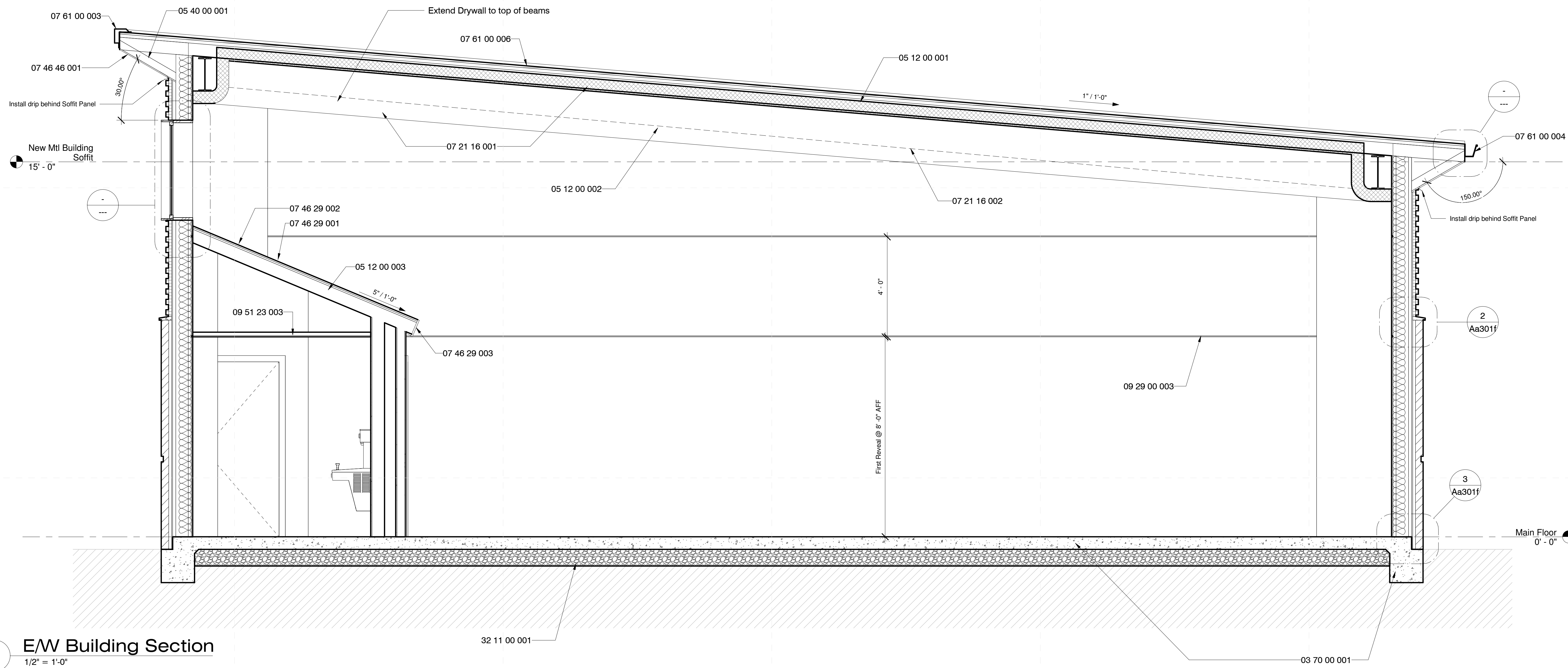
03 40 00 001	Tapered Precast Concrete Sill with drip
04 21 13 001	1/2" Step back at Reveal course of brick
04 21 13 002	Brick Veneer in running bond course pattern
07 61 00 001	Prefinished Ribbed Metal Panel with preformed corners, 26 GA
07 61 00 002	Prefinished Factory formed corners to match panel profile
07 61 00 003	Prefinished Sheet Metal Rake
07 61 00 004	6" Prefinished metal gutter
07 61 00 005	Stagger seam laps by 1/3 of panel length in echelon pattern
07 61 00 006	Standing Seam Roof Panel; 24 GA Galvanized finish



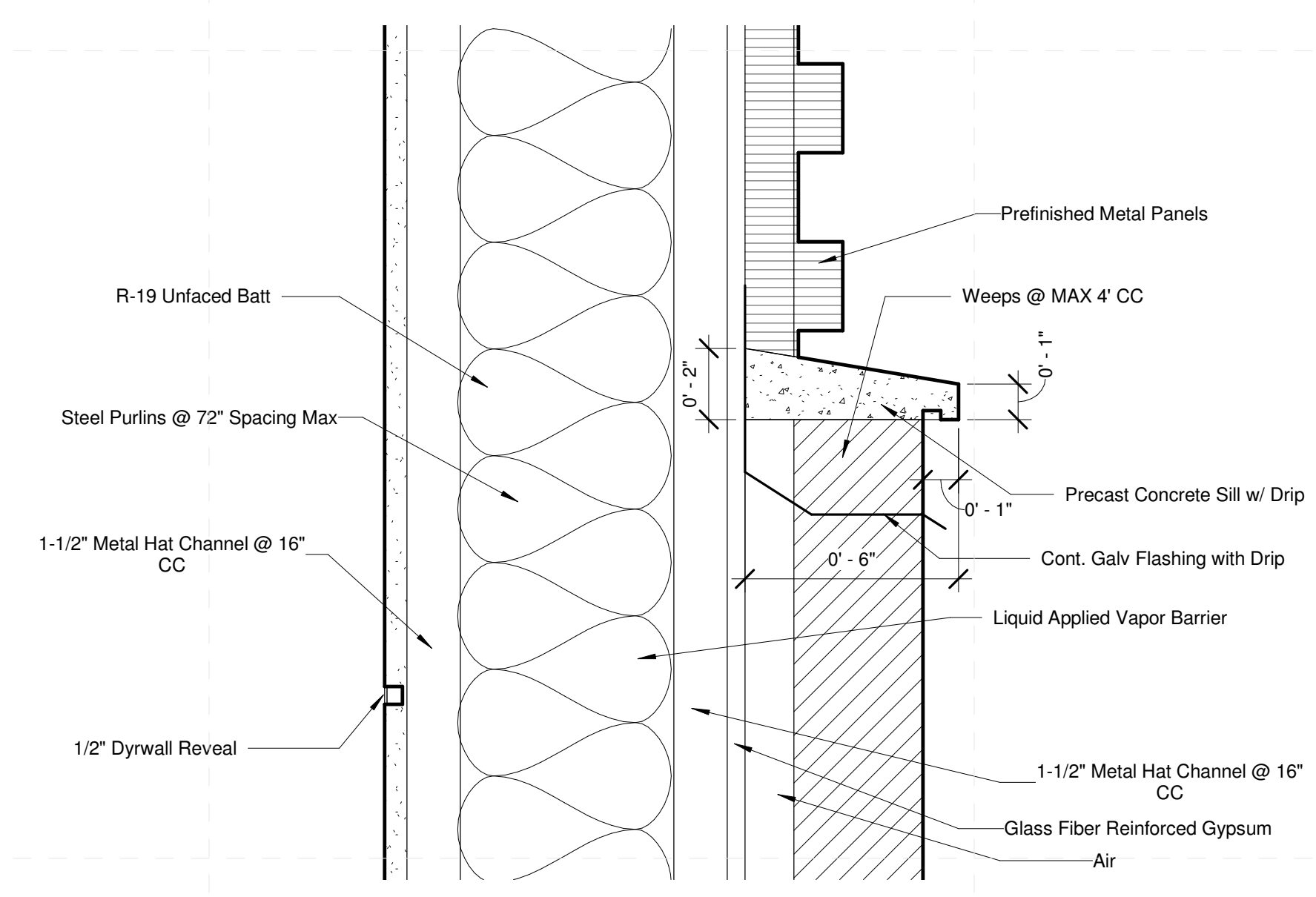
2 Multi Purpose Building West
1/4" = 1'-0"



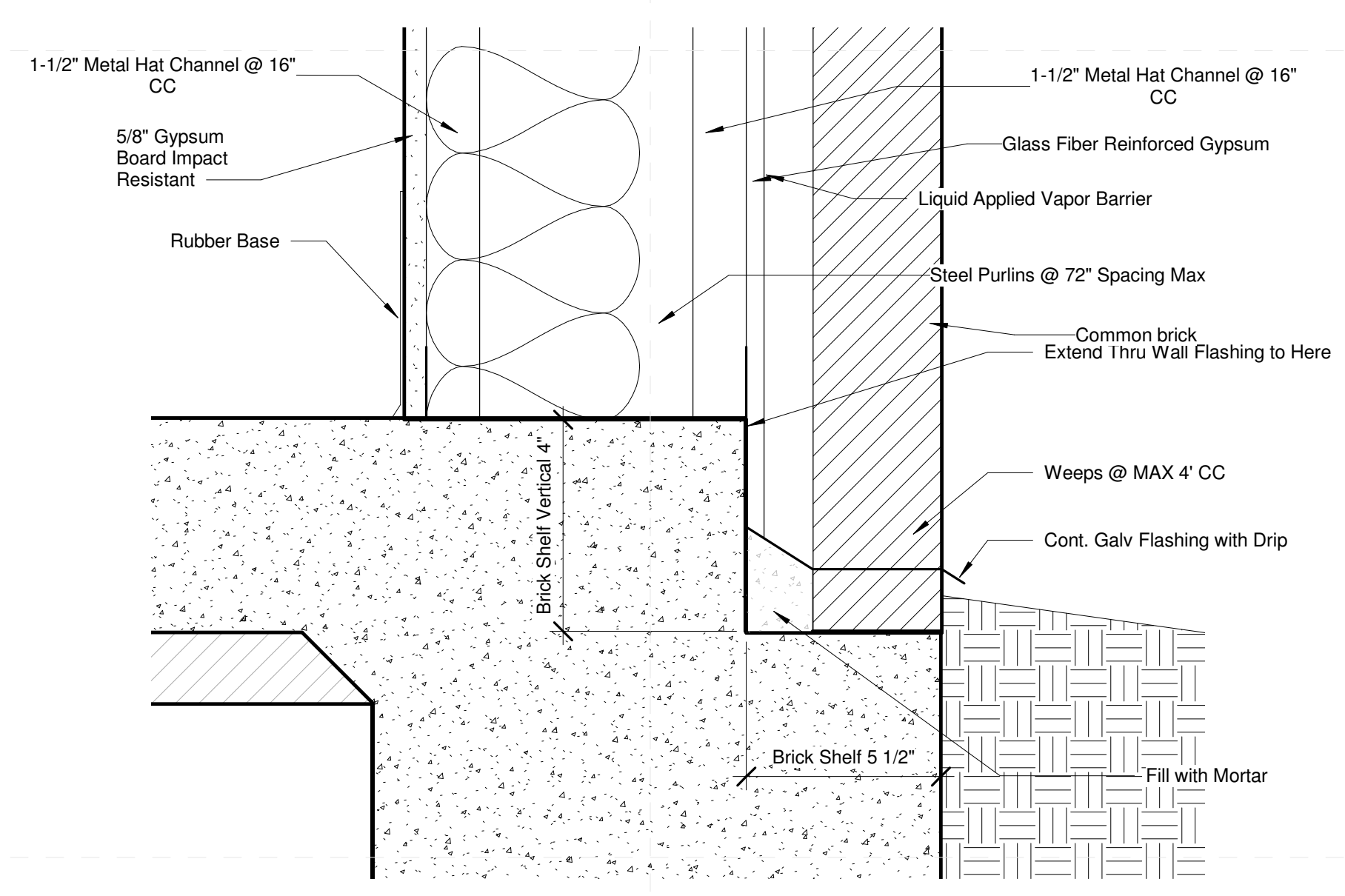
4 Multi Purpose Building South
1/4" = 1'-0"



1 E/W Building Section
1/2" = 1'-0"



2 Precast Sill Detail @ Exterior Wall
3" = 1'-0"



3 Typical Wall Base
3" = 1'-0"

General Section Notes

1. Exterior air/water barrier and thermal insulation to be installed so as to provide a continuous separation of the building exterior from all interior occupied or conditioned spaces.
2. Wall cavity insulation to be R-19 Unfaced Batt unless noted otherwise.
3. Roof insulation as noted. Faced Batt @ roof shall provide a continuous fire barrier.
4. Provide and install continuous thru-wall flashing with weeps at 24" o.c. at the first horizontal joint above grade at the full perimeter of the building.
5. Grout solid all voids and cavities in walls below grade. Veneer masonry courses below grade may be C.M.U. or veneer brick.
6. All anchors, fasteners, relief angles and attachment devices to be hot dipped galvanized steel.

Specific Notes

03 70 00 001	See structural for foundation dimensions & reinforcing
05 12 00 001	Steel Purlins; See Structural
05 12 00 002	Steel Beams; See Structural
05 12 00 003	Heavy Gauge Steel Framing; See Structural
05 40 00 001	Metal Framing as needed
07 21 16 001	9.5" FSK-25 fiberglass batt insulation (R-30)
07 21 16 002	Wrap Steel Beams with FSK-25 Batt Insulation
07 46 29 001	BC Plywood Sheet (painted)
07 46 29 002	Include 1x2 Solid Wood Batters @ plywood sheet joints/edges (caulked & painted)
07 46 29 003	Trim Ends with 1x Solid Wood (painted)
07 46 46 001	1/2" Fiber Cement Board; Smooth texture and Painted
07 61 00 003	Prefinished Sheet Metal Rake
07 61 00 004	6" Prefinished metal gutter
07 61 00 006	Standing Seam Roof Panel; 24 GA Galvanized finish
09 29 00 003	1/2" Drywall Reveal
09 51 23 003	2x2 layin ceiling
32 11 00 001	Crushed rock base course at slab; see structural

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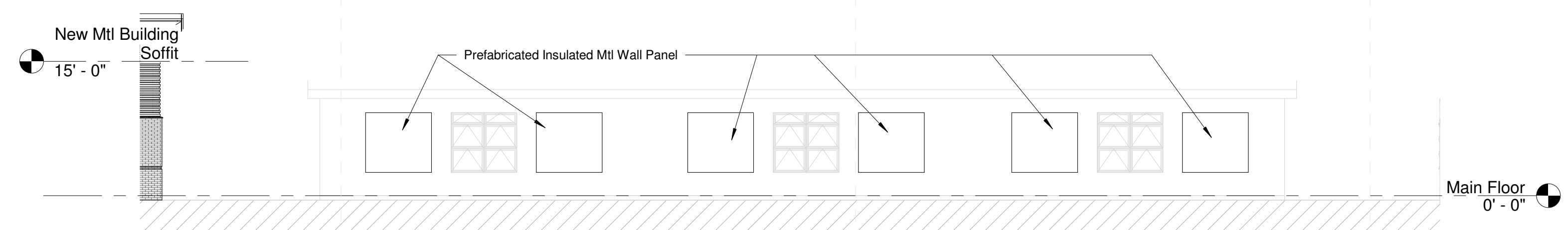
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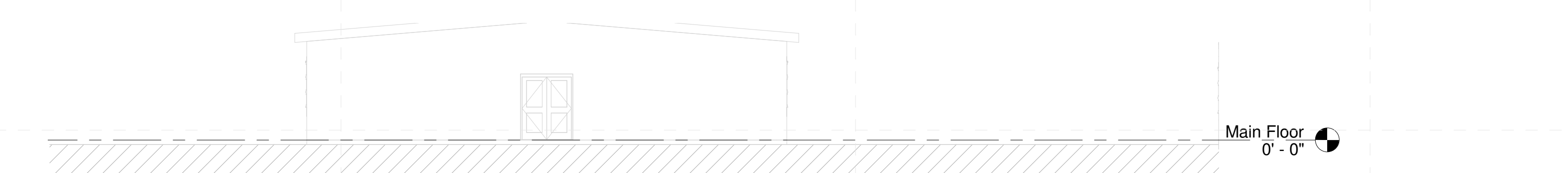
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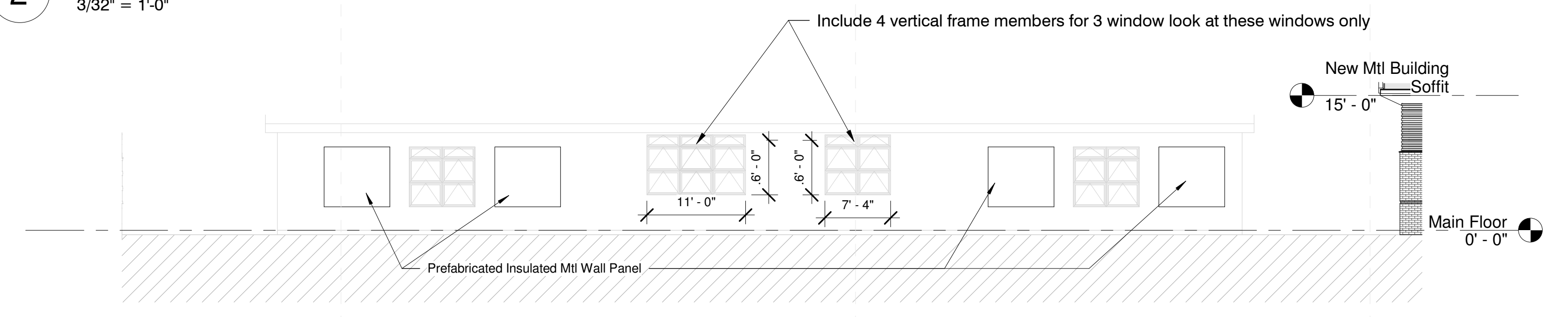
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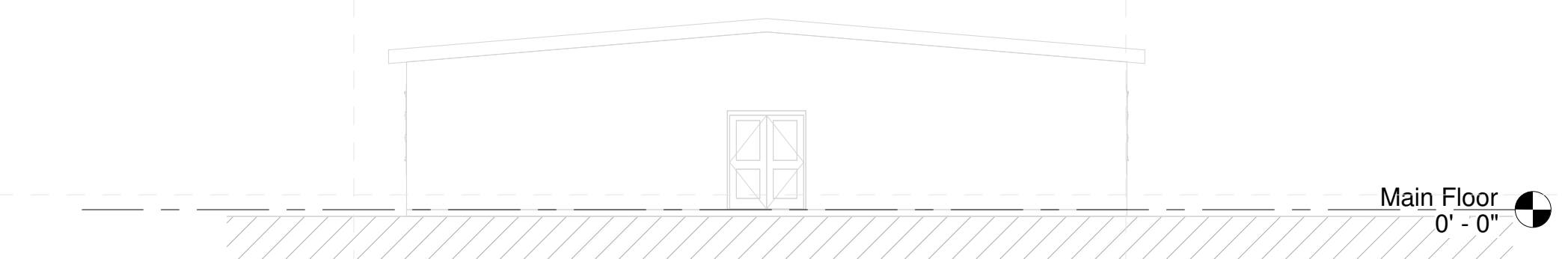
1 Original School Building - West
3/32" = 1'-0"



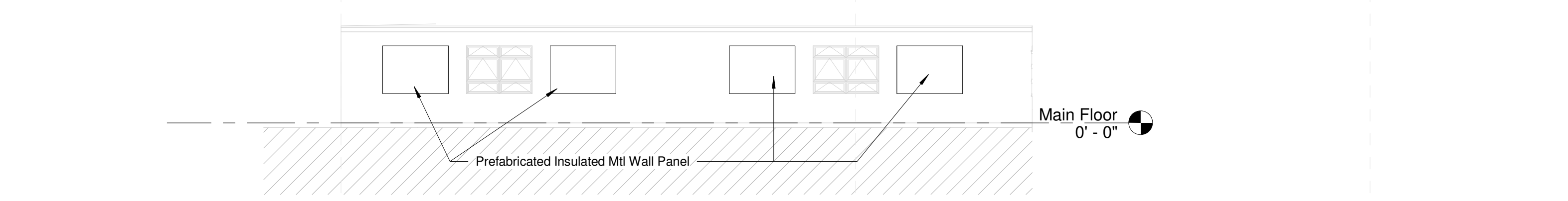
2 Original School Building - South
3/32" = 1'-0"



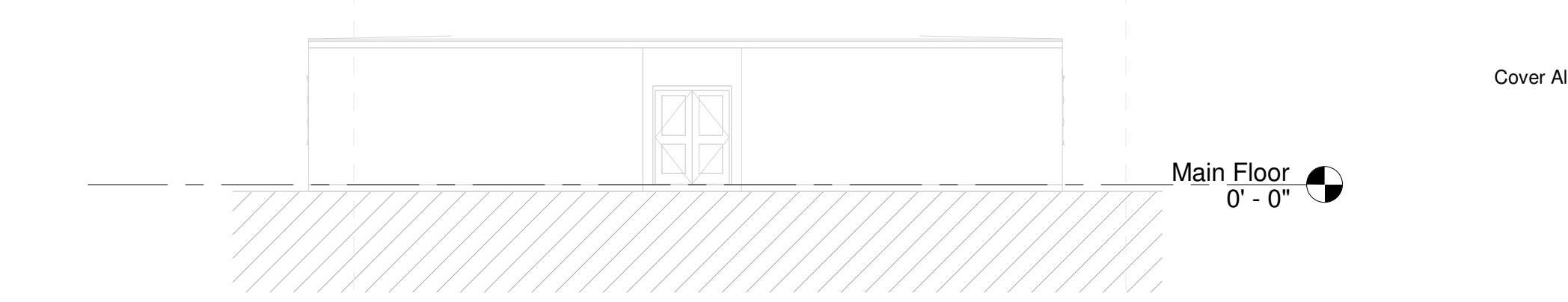
3 Original School Building - East
3/32" = 1'-0"



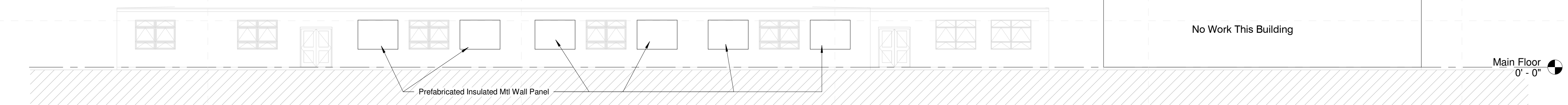
4 Original School Building - North
3/32" = 1'-0"



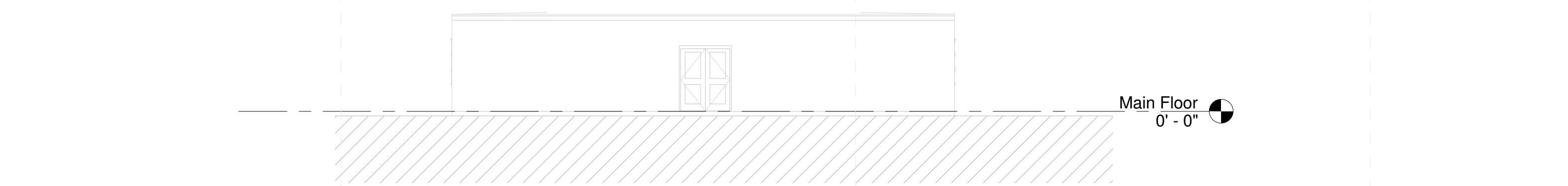
6 Mid-Age Building - West (East Section)
3/32" = 1'-0"



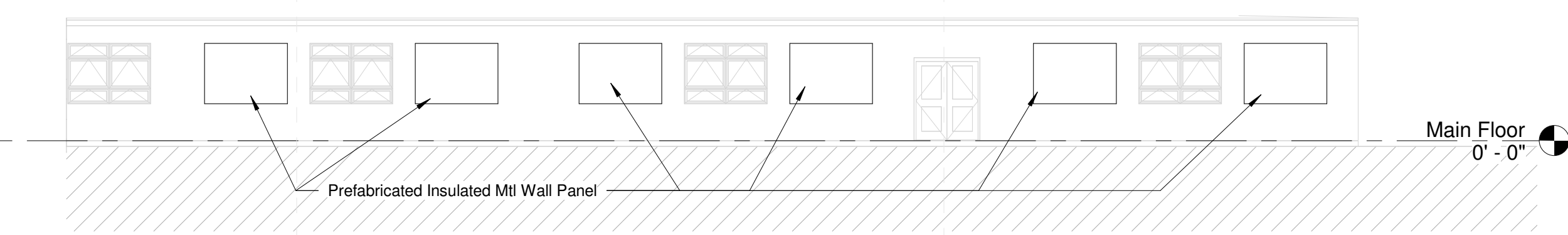
5 Mid-Age Building - West
3/32" = 1'-0"



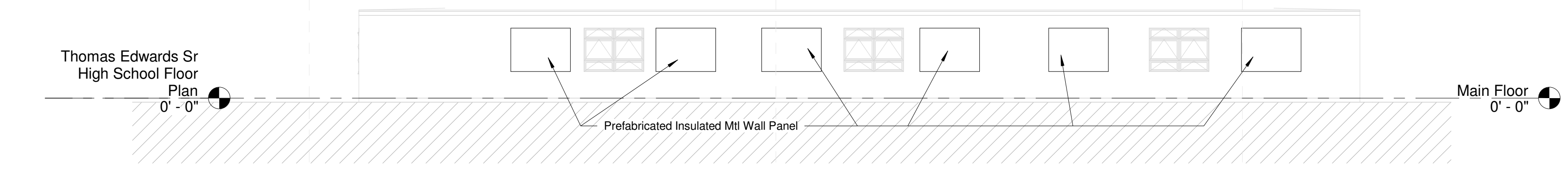
7 Mid-Age Building - South
3/32" = 1'-0"



9 Mid-Age Building - North (East Section)
3/32" = 1'-0"



8 Mid-Age Building - North
3/32" = 1'-0"



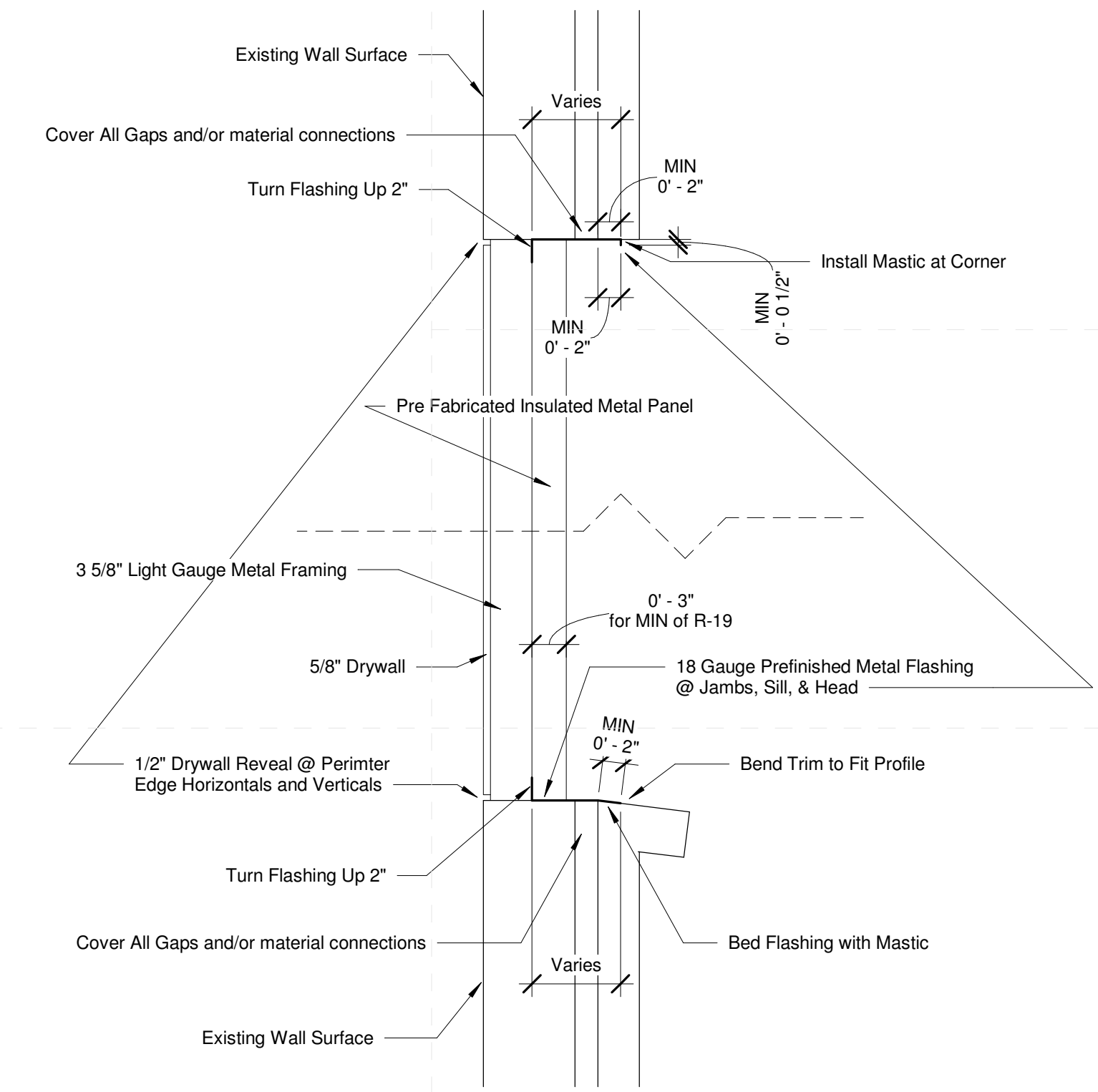
10 Mid-Age Building - East
3/32" = 1'-0"

General Window Demolition Notes

1. Remove window frames, fasteners, mastics, glazing, etc. so that new unit may be installed unobstructed. GC to be responsible for disposal.
2. Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
3. Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
4. Burying or Burning of materials will not be permitted on site.
5. Repair any damage caused to building construction identified to remain.
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7. Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
8. Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
9. Where areas are removed or altered (including scuffing due to installation at interior jambs, sills, and heads), patch, repair, & paint to match adjacent surface material and finish.

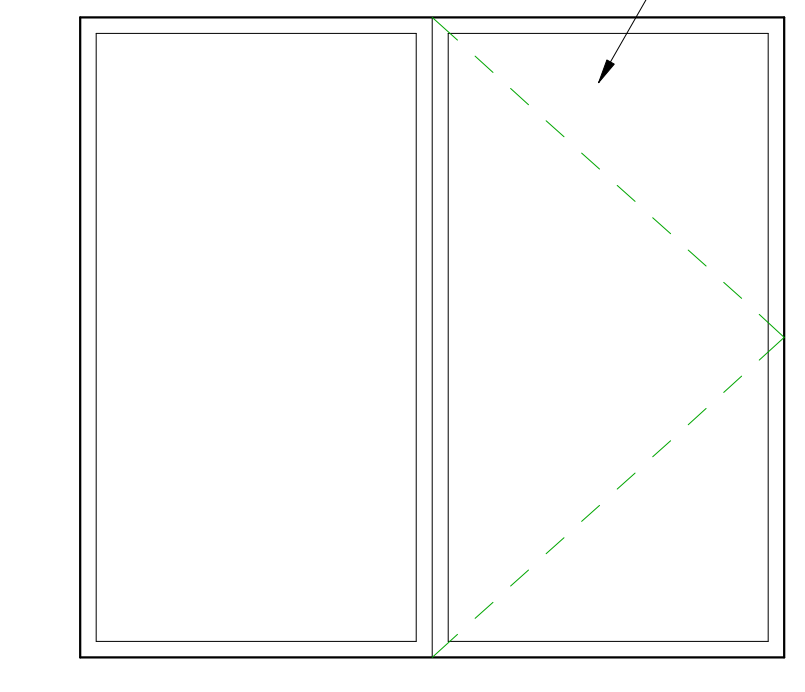
General Wall Panel Notes

1. Install new insulated wall panels into masonry openings so that panels & trim fully overlap existing material connections.
2. Seal trim at interior and exterior with mastic to prevent moisture intrusion using backer rod at all joints.
3. Panels shall be a minimum of 3" thick.
4. Panel shall fit in opening so that there is no gap larger than 3/8" between Panel & Existing.



Wall Panel Detail
1" = 1'-0"

1 unit per room shall have operation as shown



Standard New Window
1/2" = 1'-0"

General Window Notes

1. Install new aluminum storefront windows to fit in existing masonry openings so that frames fully overlap existing material connections.
2. Seal frames at interior and exterior with mastic to prevent moisture intrusion using backer rod at all joints.
3. Window glazing shall be insulated.
4. Frames shall fit in opening so that there is no gap larger than 3/8" between frame & existing.
5. Glazing facing south shall have a protective shading film with an SHGC of less than 0.55.
6. Windows at Mid-Age Building are approximately 7' - 8" x 5' - 8".
7. Windows at Original Building are approximately 7' - 4" x 6' - 8", unless noted otherwise.
8. Install new fenestrations at all windows except for toilet room windows.
9. Install frosted glass film at toilet room window glazing.

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161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409
dalebaileyplans.com

Not For Construction

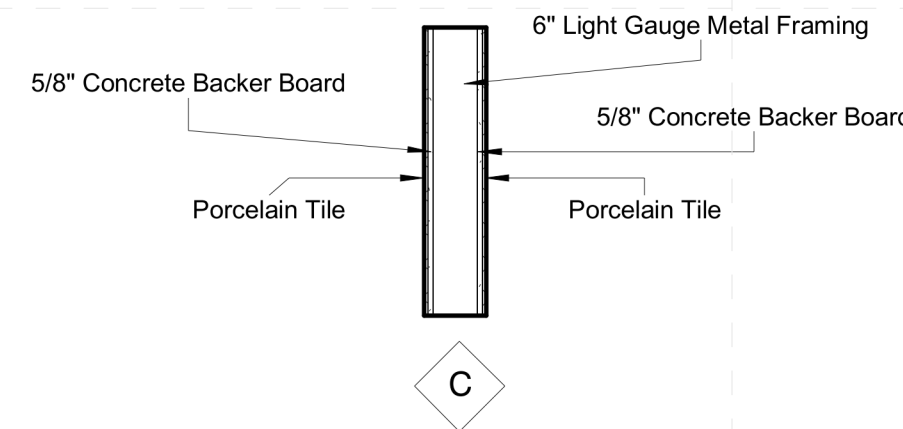
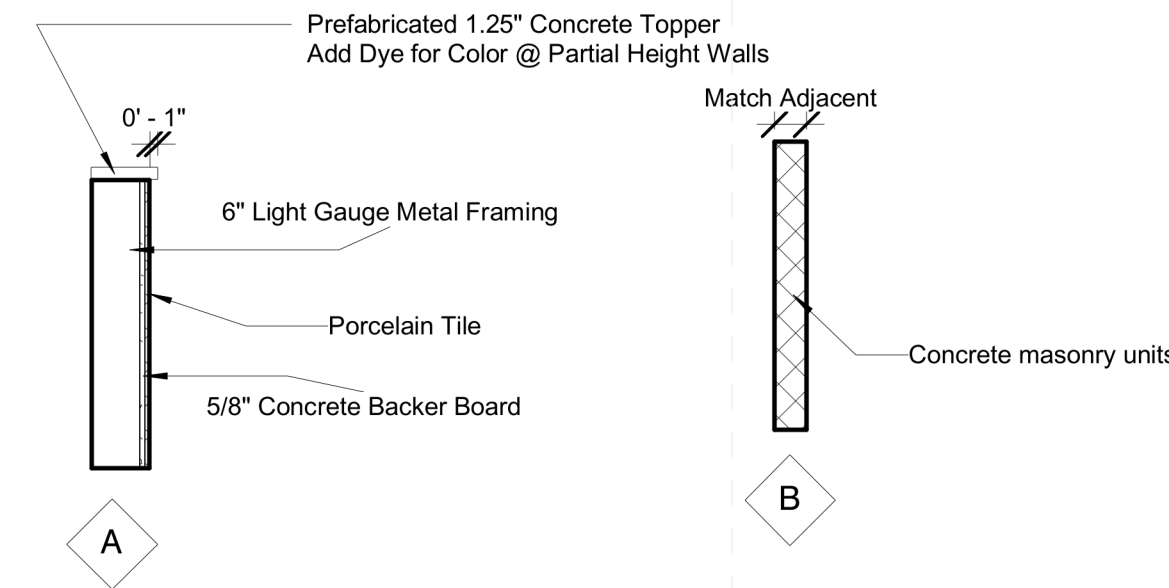
Sunflower Consolidated School District ESSER 2&3 Phase I
Ruleville Elementary School: 410 L F Packer Dr. Ruleville, MS 38771

Construction Documents

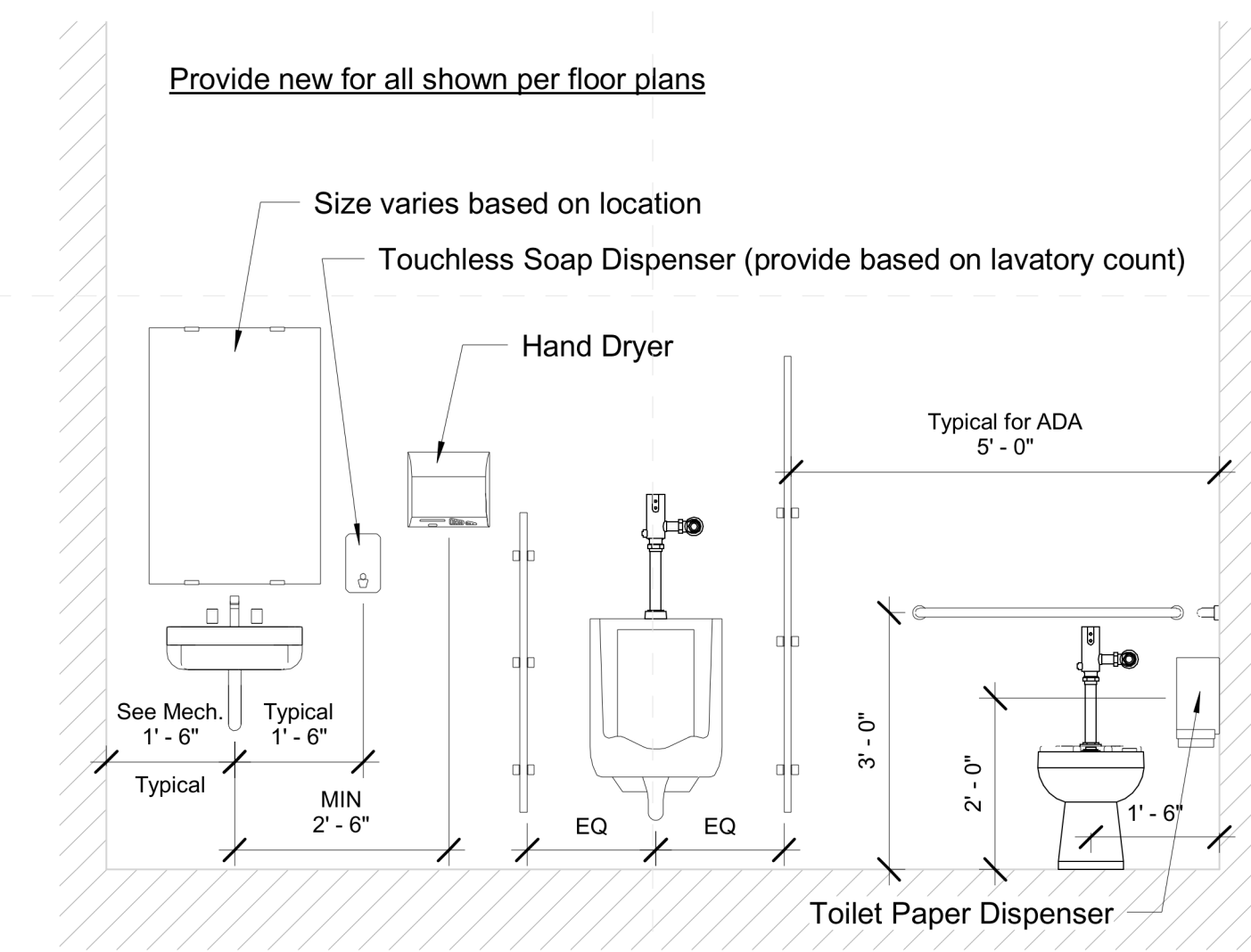
Project No	21027
Date	Issue Date
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All School's Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
02 41 19 010	Repair demoed to remain with like material
03 40 00 001	Tapered Precast Concrete Sill with drip
03 70 00 001	See structural for foundation dimensions & reinforcing
04 21 13 001	1/2" Step back at Reveal course of brick
04 21 13 002	Brick Veneer in running bond course pattern
05 12 00 001	Steel Purlins; See Structural
05 12 00 002	Steel Beams; See Structural
05 12 00 003	Heavy Gauge Steel Framing; See Structural
05 40 00 001	Metal Framing as needed
07 21 16 001	9.5" FSK-25 fiberglass batt insulation (R-30)
07 21 16 002	Wrap Steel Beams with FSK-25 Batt Insulation
07 46 29 001	BC Plywood Sheet (painted)
07 46 29 002	Include 1x2 Solid Wood Battens @ plywood sheet joints/edges (caulked & painted)
07 46 29 003	Trim Ends with 1x Solid Wood (painted)
07 46 46 001	1/2" Fiber Cement Board; Smooth texture and Painted
07 61 00 001	Prefinished Ribbed Metal Panel with preformed corners; 26 GA
07 61 00 002	Prefinished Factory formed corners to match panel profile
07 61 00 003	Prefinished Sheet Metal Rake
07 61 00 004	6" Prefinished metal gutter
07 61 00 005	Stagger seam laps by 1/3 of panel length in echelon pattern
07 61 00 006	Standing Seam Roof Panel; 24 GA Galvanized finish
08 71 00 001	Replace all door hardware with new at existing leaf
09 29 00 003	1/2" Drywall Reveal
09 30 13 001	Install new floor tile; slope to floor drain if drain provided
09 30 13 004	Prep surface for new tile install; contractor shall be responsible for issues concerning lack of adhesion between mortar and substrates as well as levelness of finished tile
09 30 13 005	Install new wall tile flush and straight, floor to ceiling at this plumbing wall only
09 51 23 002	Install ATC as wall from ceiling level up to roof/floor deck
09 51 23 003	2x2 layin ceiling
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new
22 42 00 002	New fixtures only in this toilet room; coordinate with mechanical
22 47 13 001	Install double drinking fountain here; coordinate with mechanical & electrical drawings
22 47 13 002	Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings
32 11 00 001	Crushed rock base course at slab; see structural



Wall Standards
1/2" = 1'-0"



1 Typical Toilet Room Wall
1/2" = 1'-0"



Front of School



Boys 49



Girls 50



Boys 57



Girls 59



Boys 86



Girls 85

Architects

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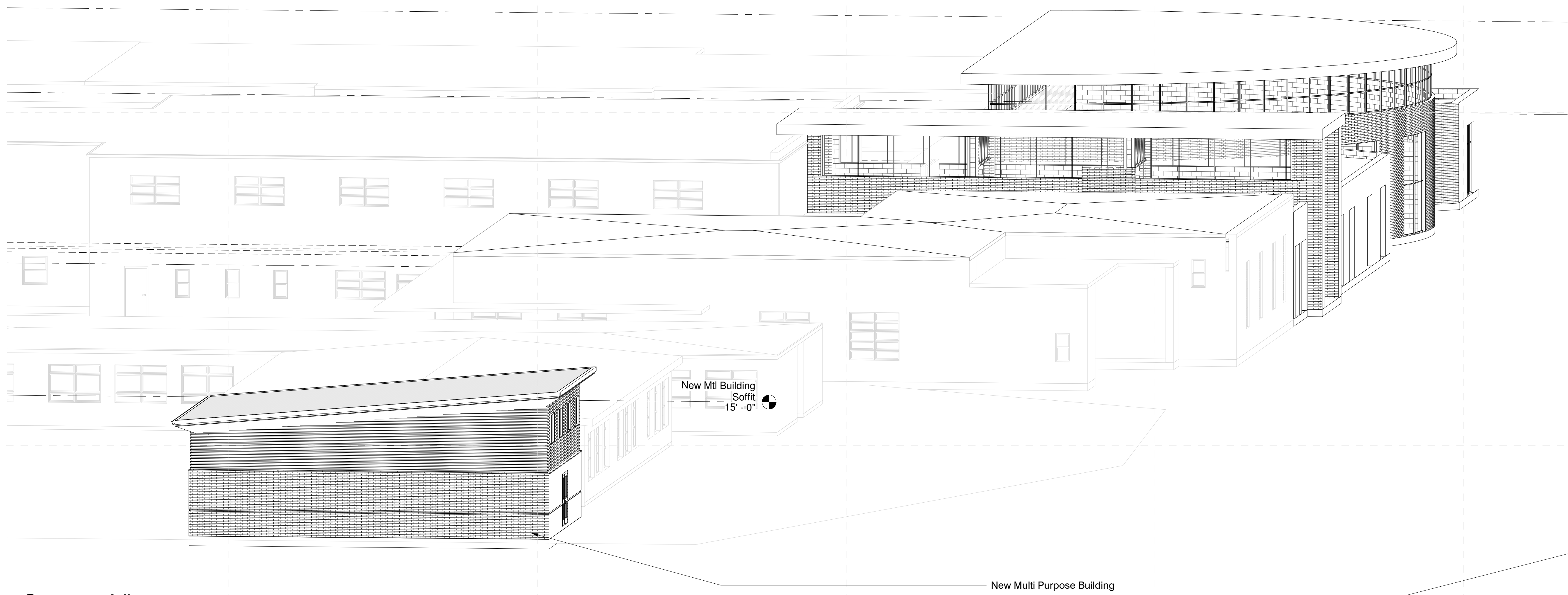
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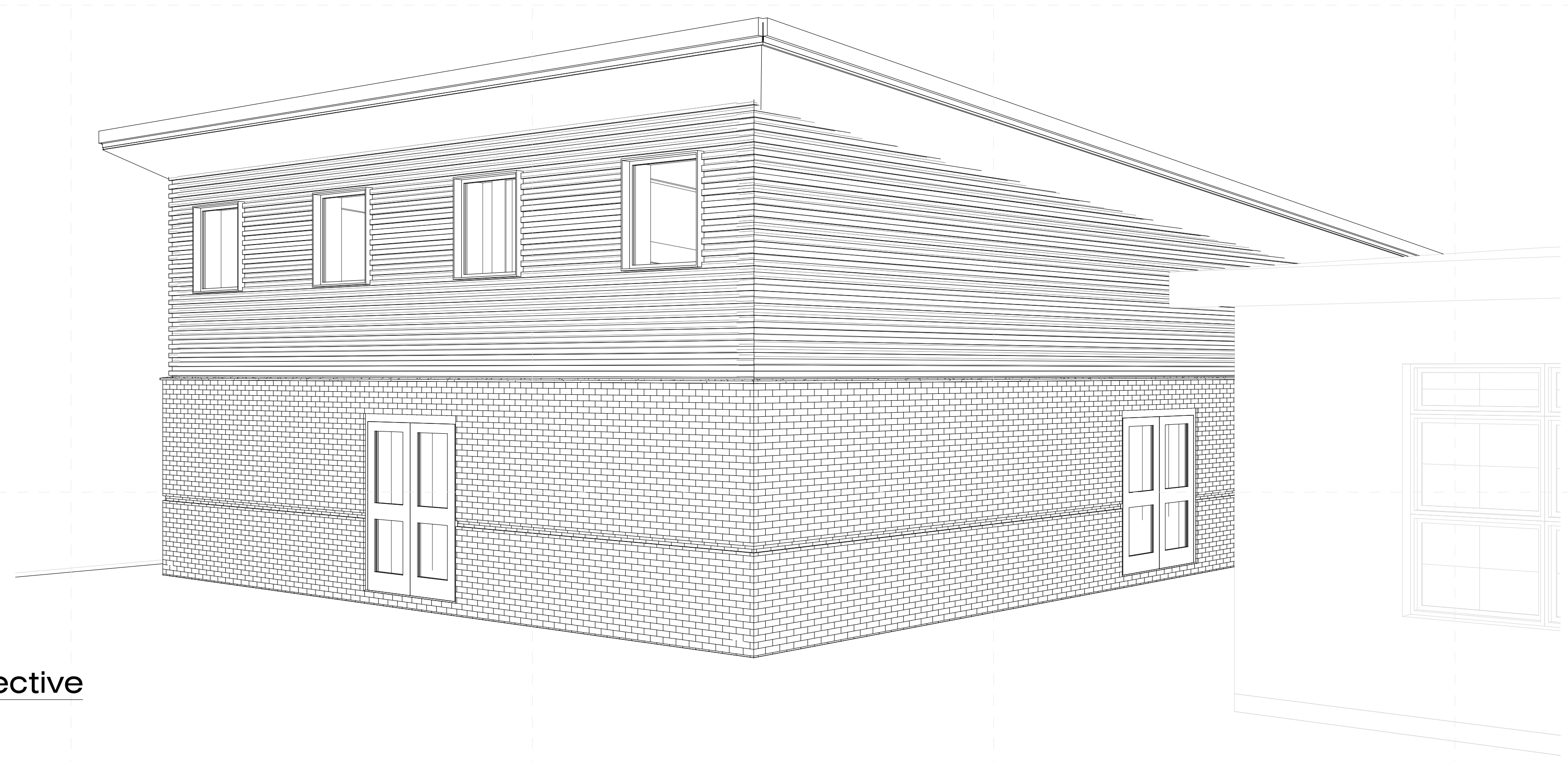
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Construction Documents

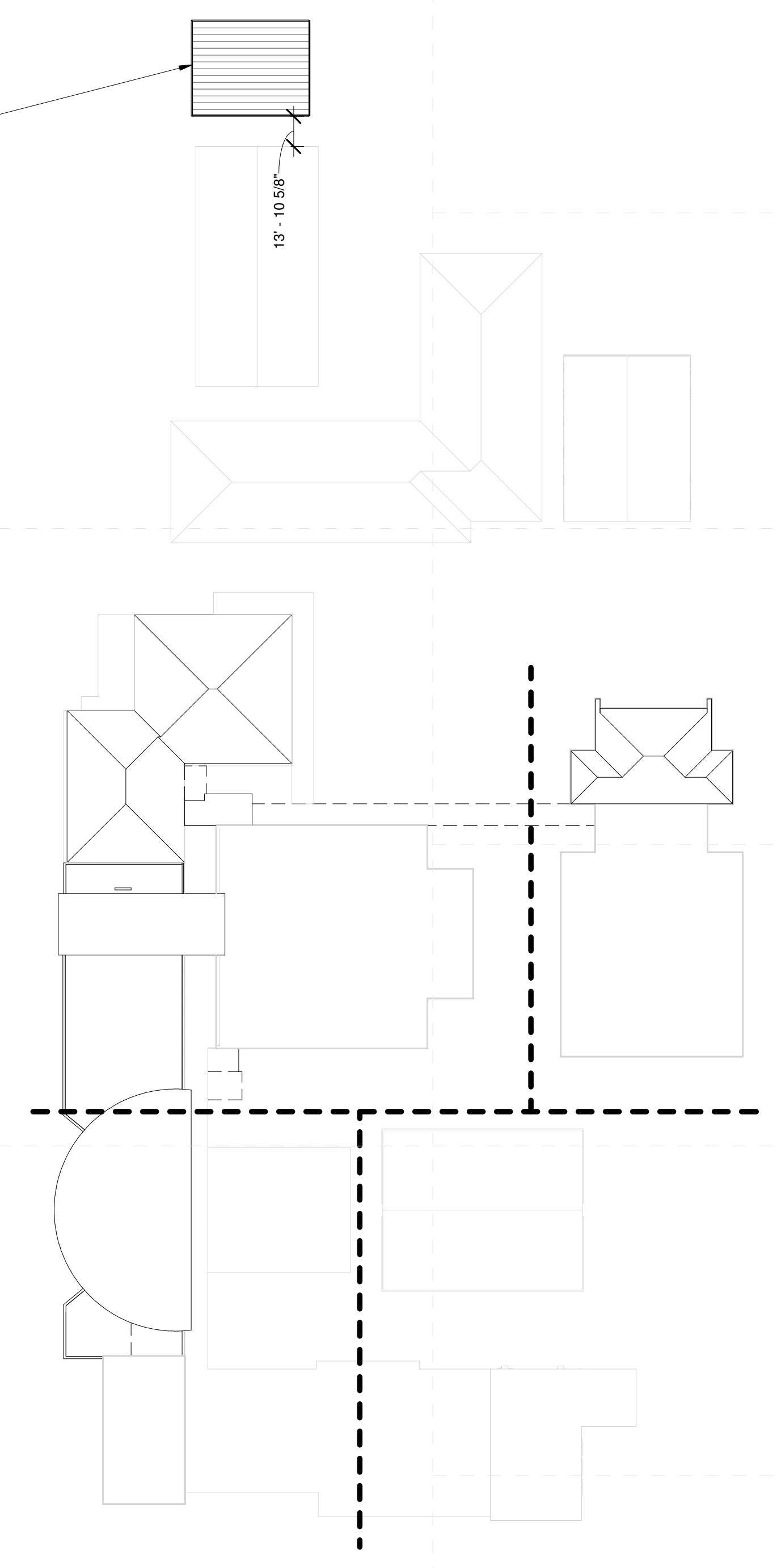
Project No	21027
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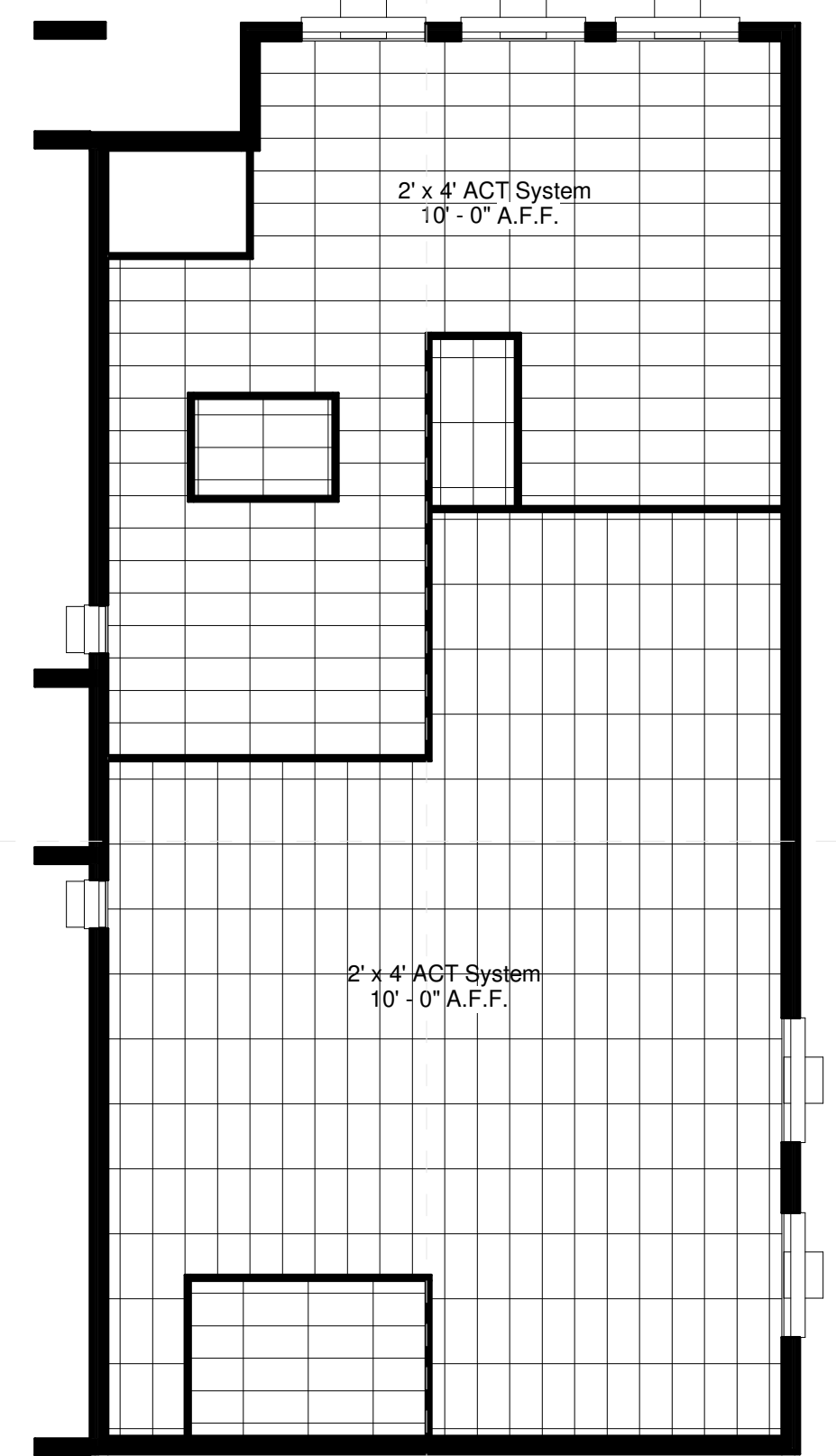
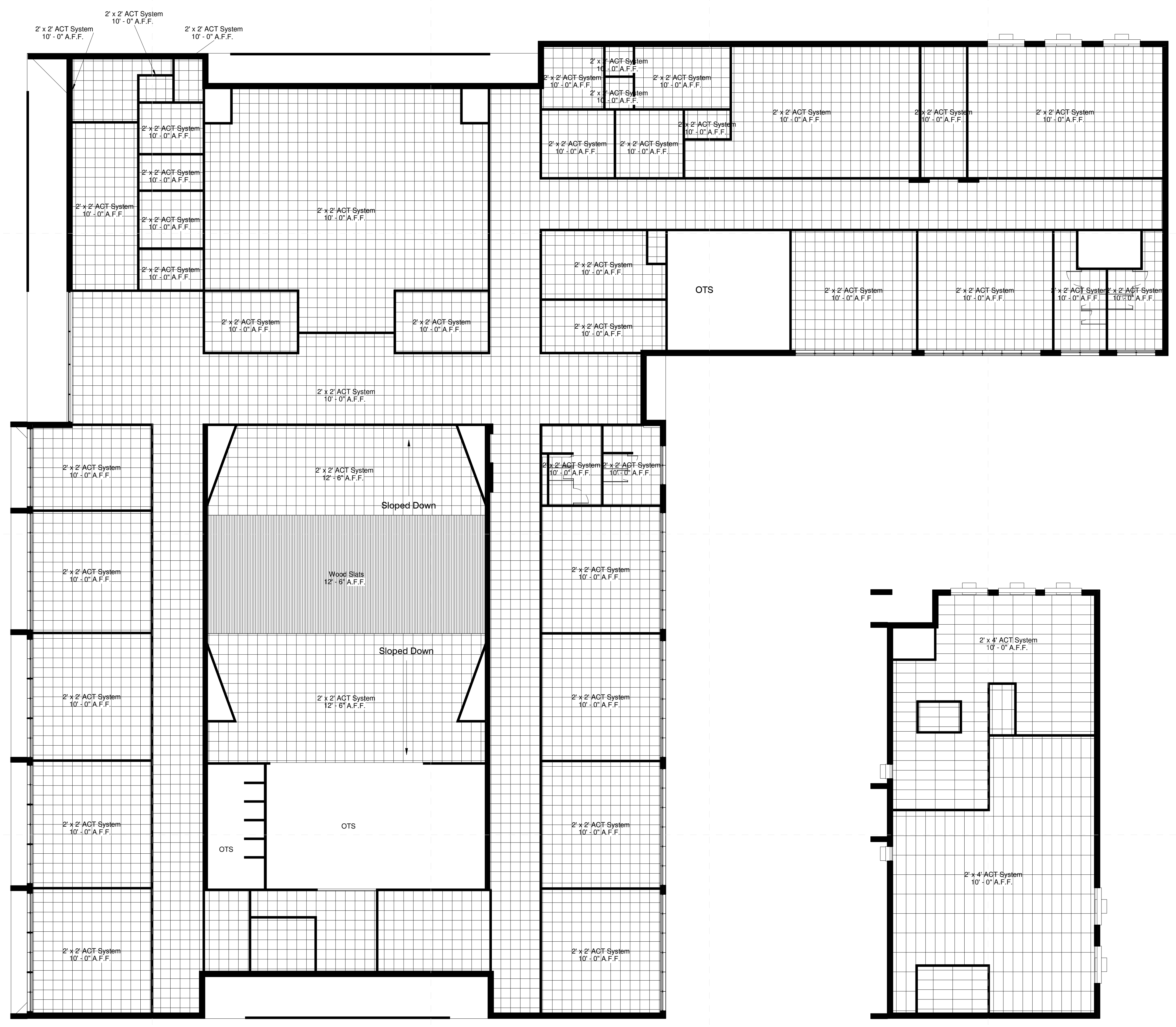
1 Context View



3 Building Perspective



2 Site
1" = 50'-0"



1 RCP - Demolition
3/32" = 1'-0"

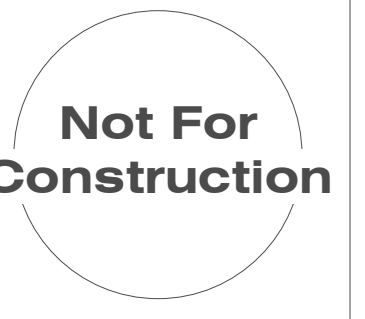
General Demolition Notes

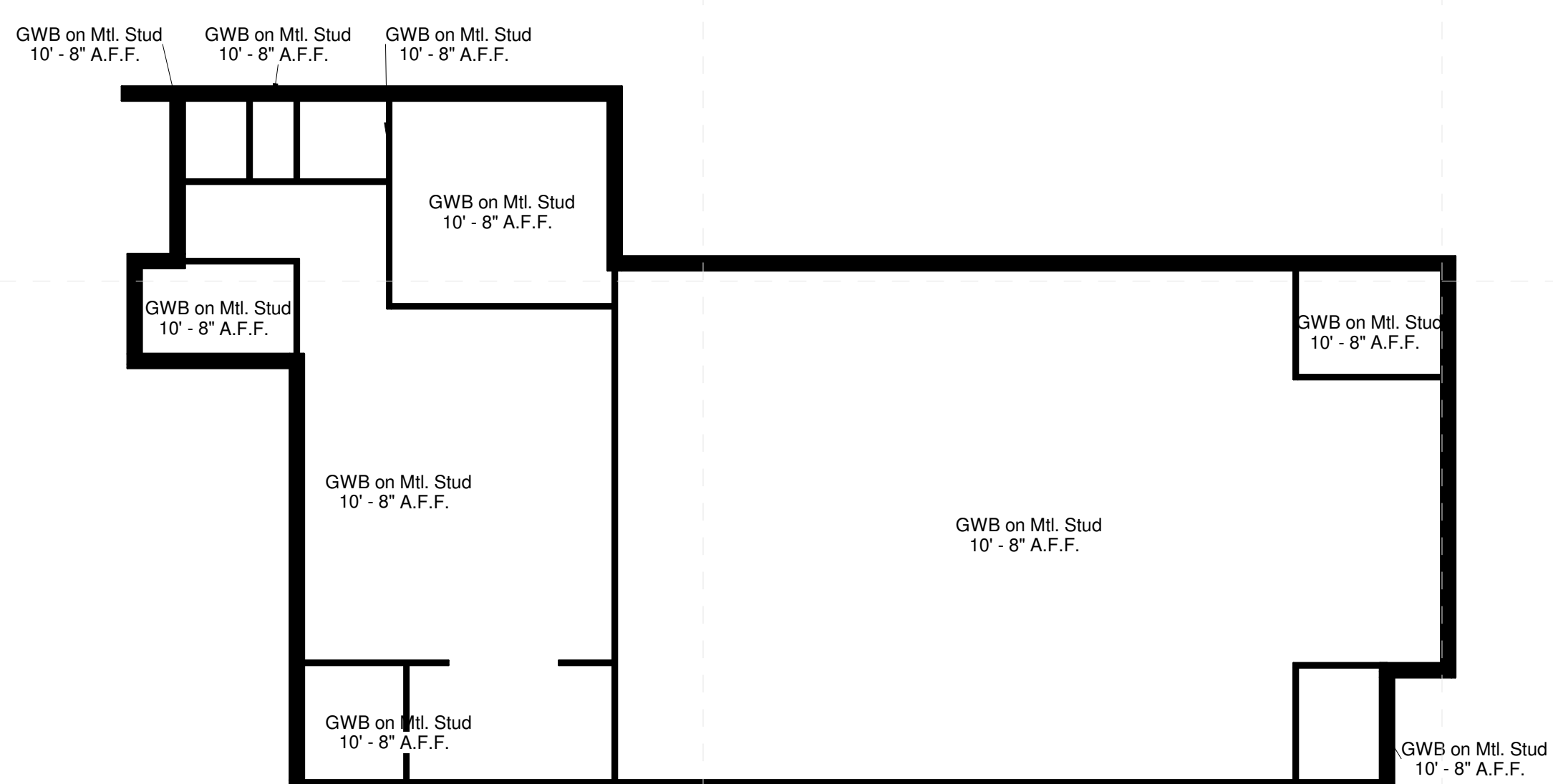
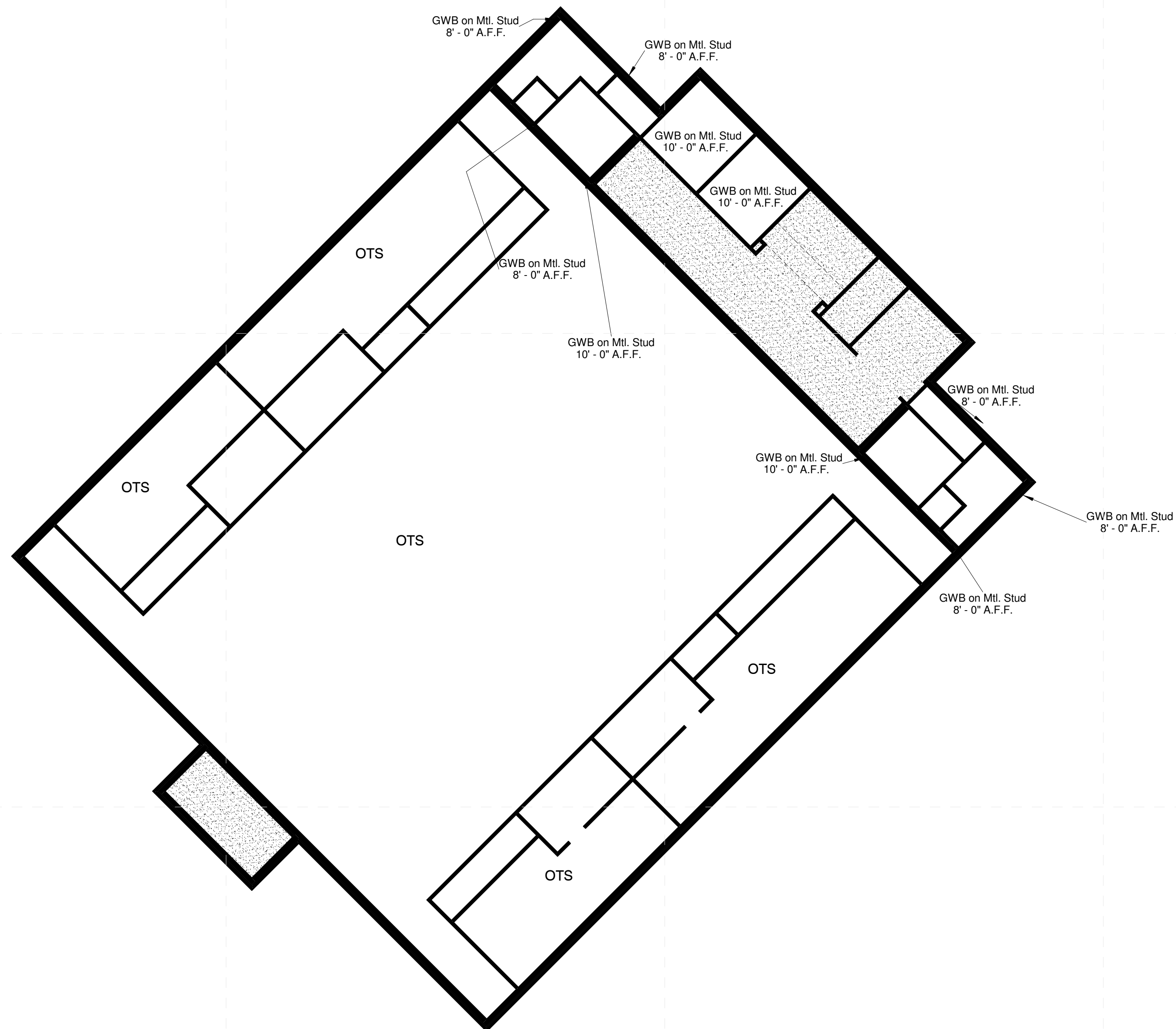
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- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused by building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

NOTE: No Ceiling Demo Required at gym or cafeteria.

Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastener Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)





General Demolition Notes

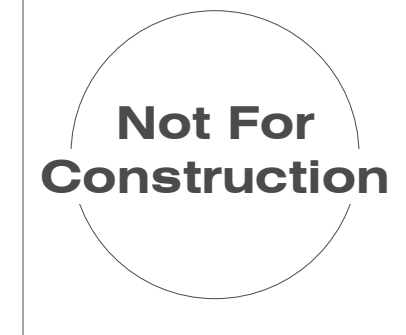
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- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

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Sunflower Consolidated School District ESSER 2&3 Phase I
 Ruleville Middle School: 250 Oscar St, Ruleville, MS 38771

Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastender Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

Construction Documents

Project No	21027
Date	June 2021
Revisions	Rev Date

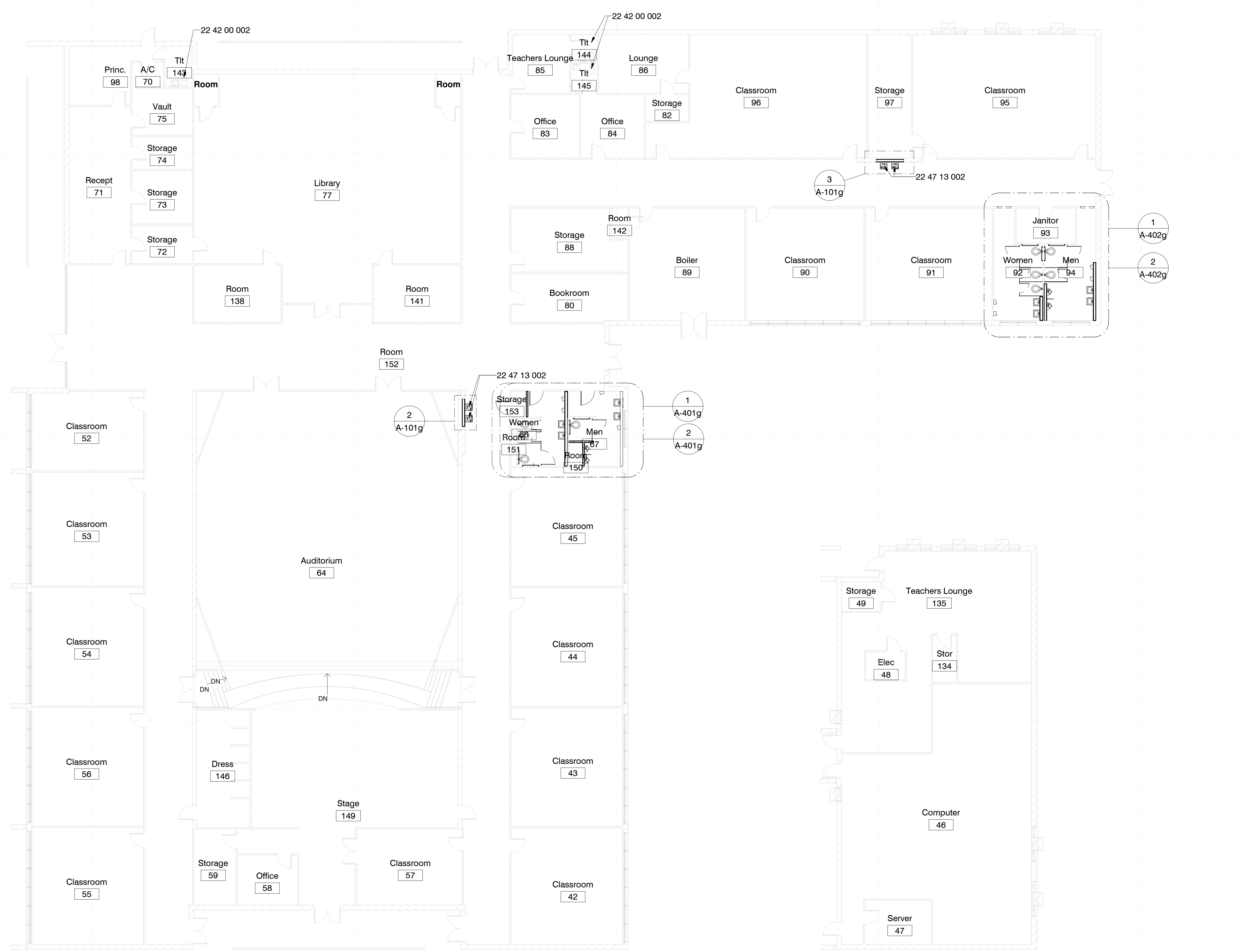
**Not For
Construction**

Sunflower Consolidated School District ESSER 2&3 Phase I
Ruleville Middle School: 250 Oscar St, Ruleville, MS 38771

**Construction
Documents**

Project No	21027
Date	June 2021
Revisions	Rev Date

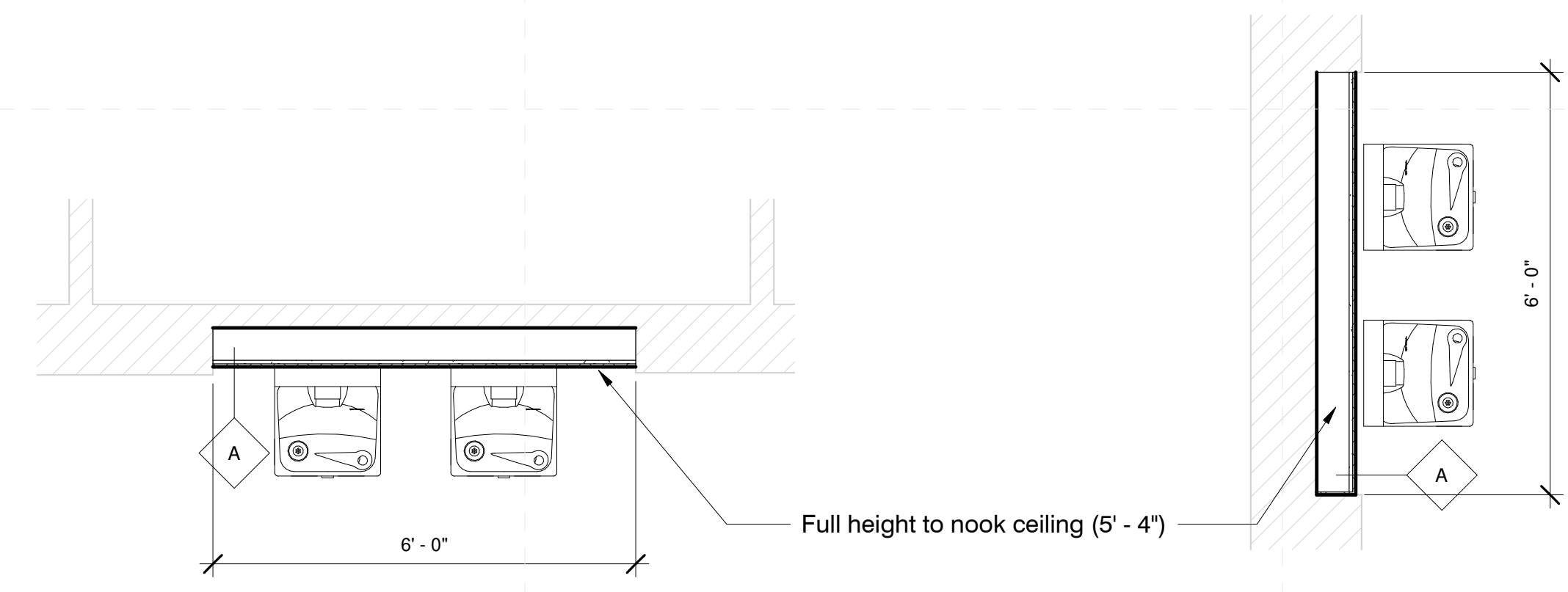
A-101g
Main School Floor Plan



Specific Notes

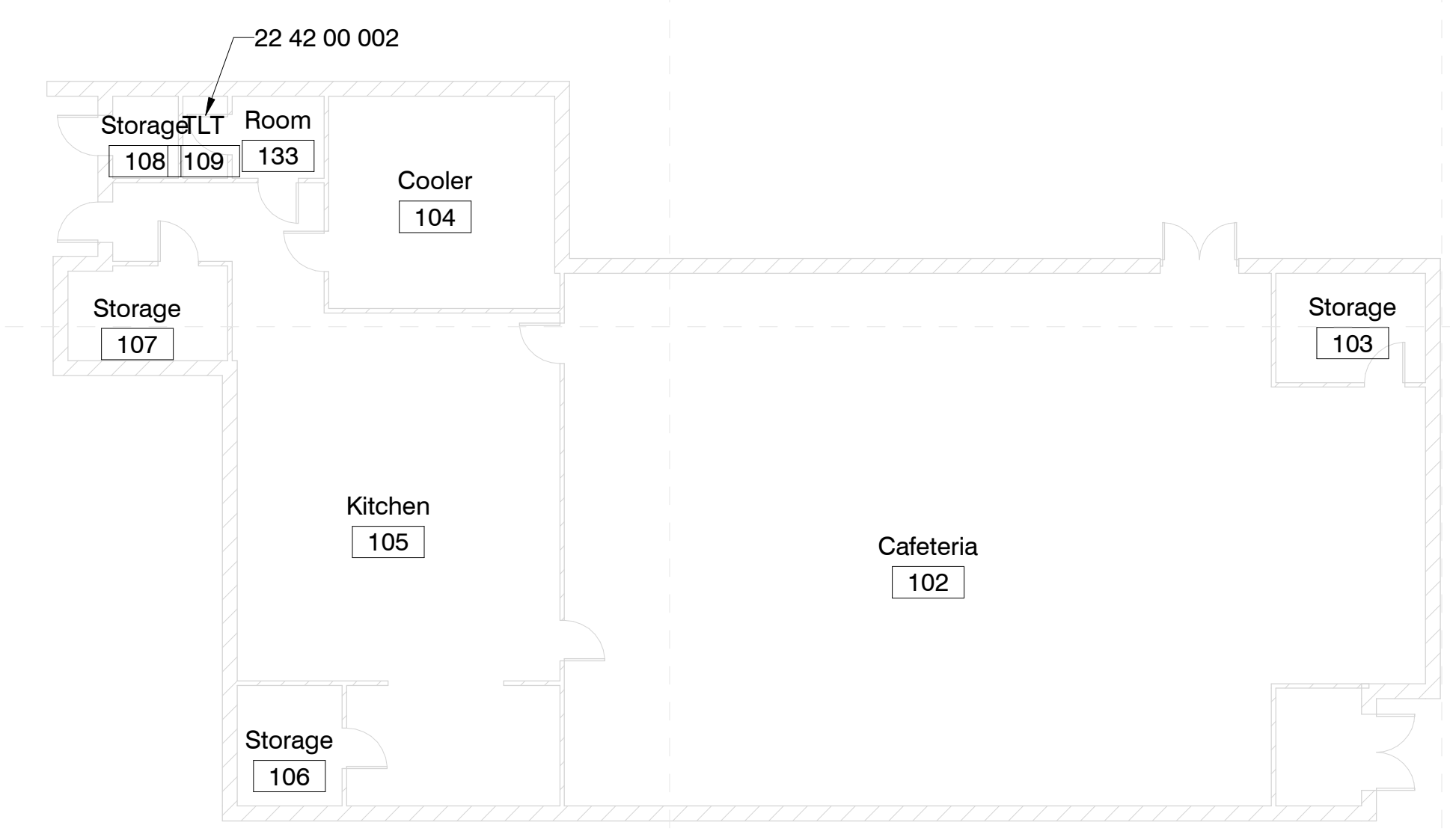
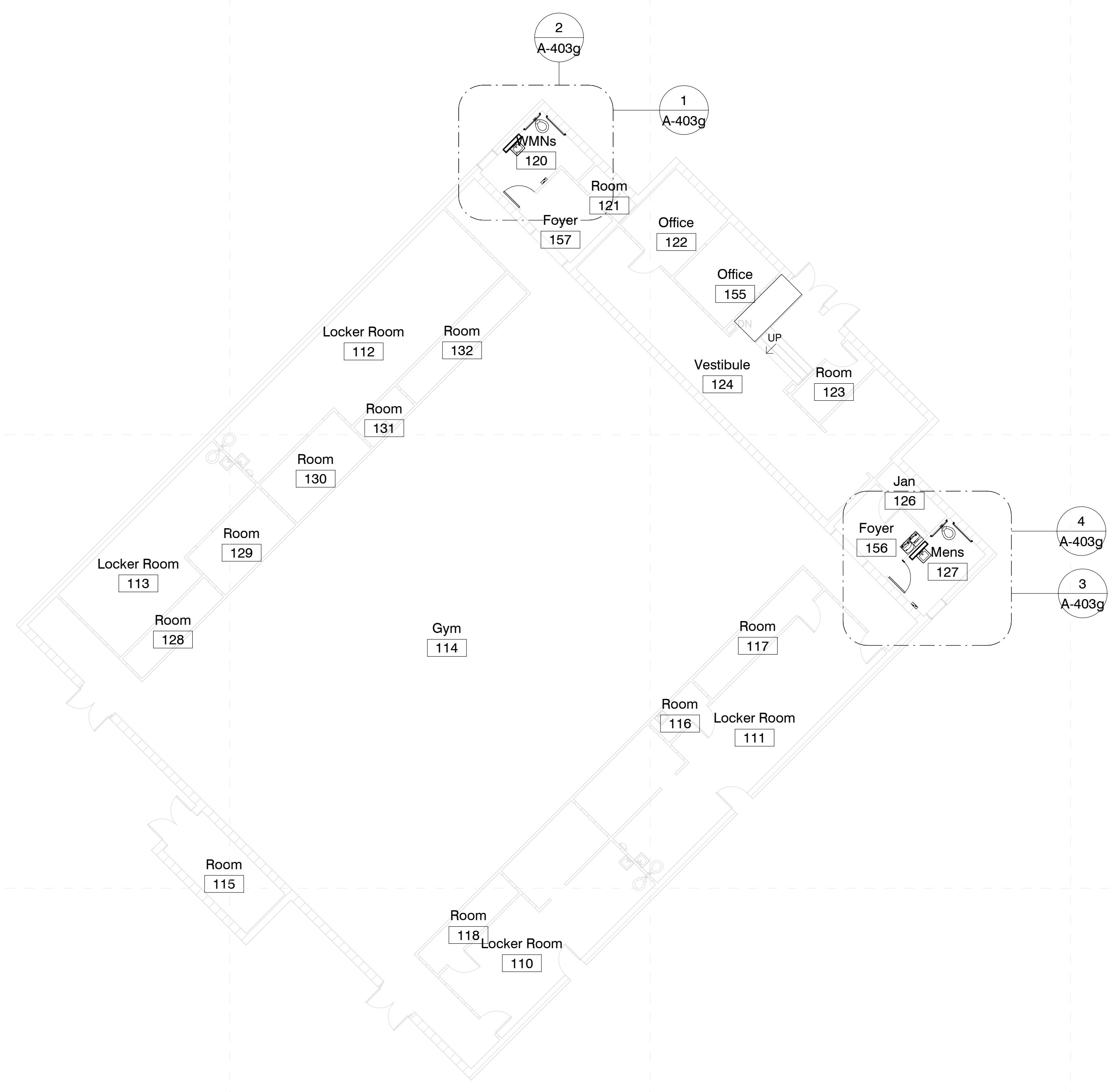
- 22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical
- 22 47 13 002 Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings

1 Ruleville Middle Main Building - New Construction
3/32" = 1'-0"



3 Fountain - South Hall
1/2" = 1'-0"

2 Fountain - Central Toilets
1/2" = 1'-0"



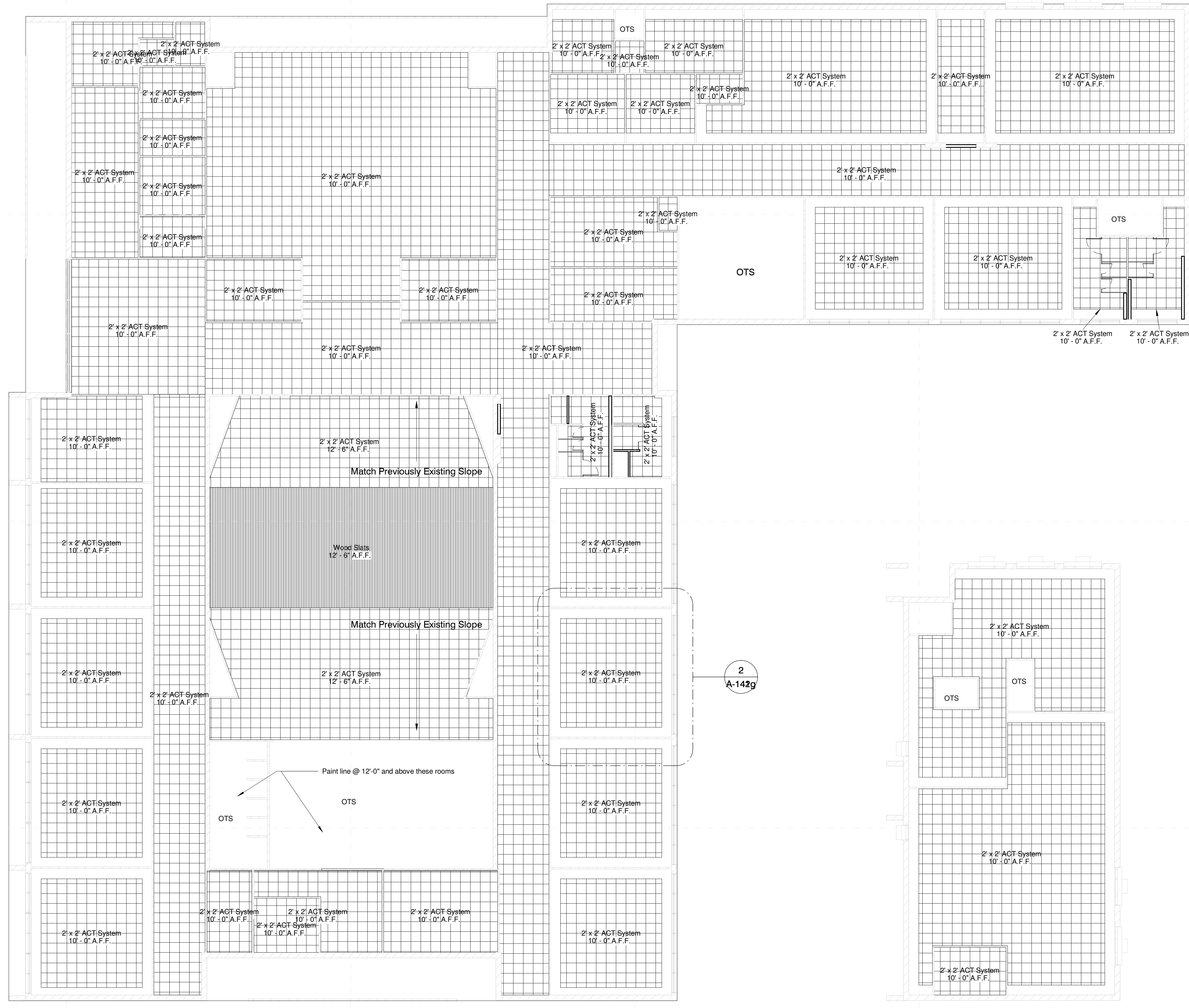
Specific Notes
22 42 00 002 New fixtures only in this toilet room; coordinate with mechanical

1 Ruleville Middle Gym/Cafe - New Construction
3/32" = 1'-0"



General RCP Notes

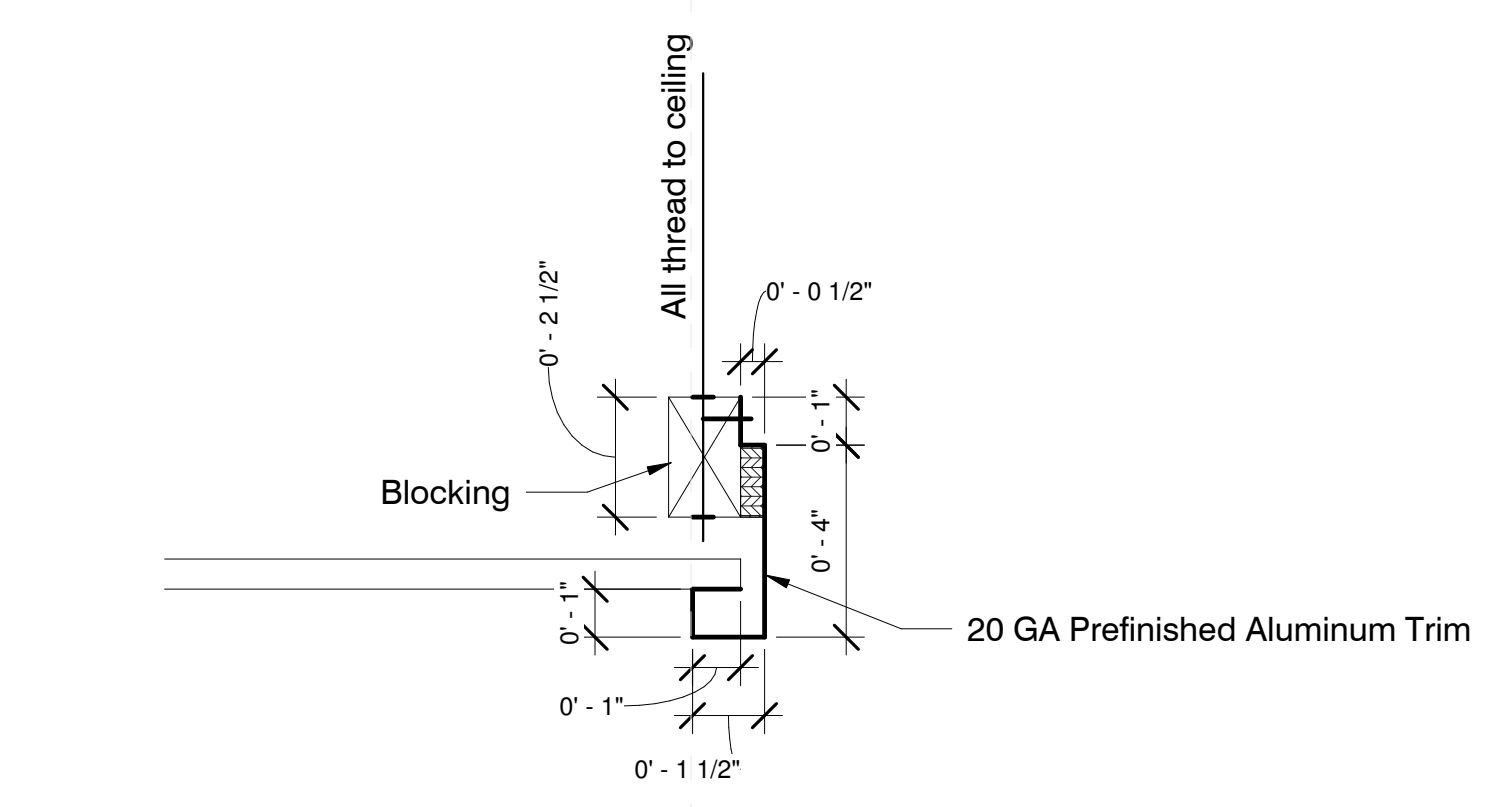
1. Install new ceiling grid and tile throughout, unless noted otherwise. Ensure that existing hangers, if reused, are secured to substrate. Any failure of existing mounting system shall be repaired by contractor.
2. All ceiling heights shall be same as existing or lower, unless noted otherwise.
3. Contractor shall paint all surfaces above 10'-0" at wall, roof, and ceiling, as well as anything attached therein at all exposed sections of ceilings where not covered by new 2x2 ACT, unless noted otherwise.
4. Repair/replace any and all ceiling damaged due to construction activities.
5. Bent ceiling grid damaged due to construction activities shall be replaced or bent to appear as new in shape.
6. ACT in auditorium to be reveal edged



Ceiling Legend

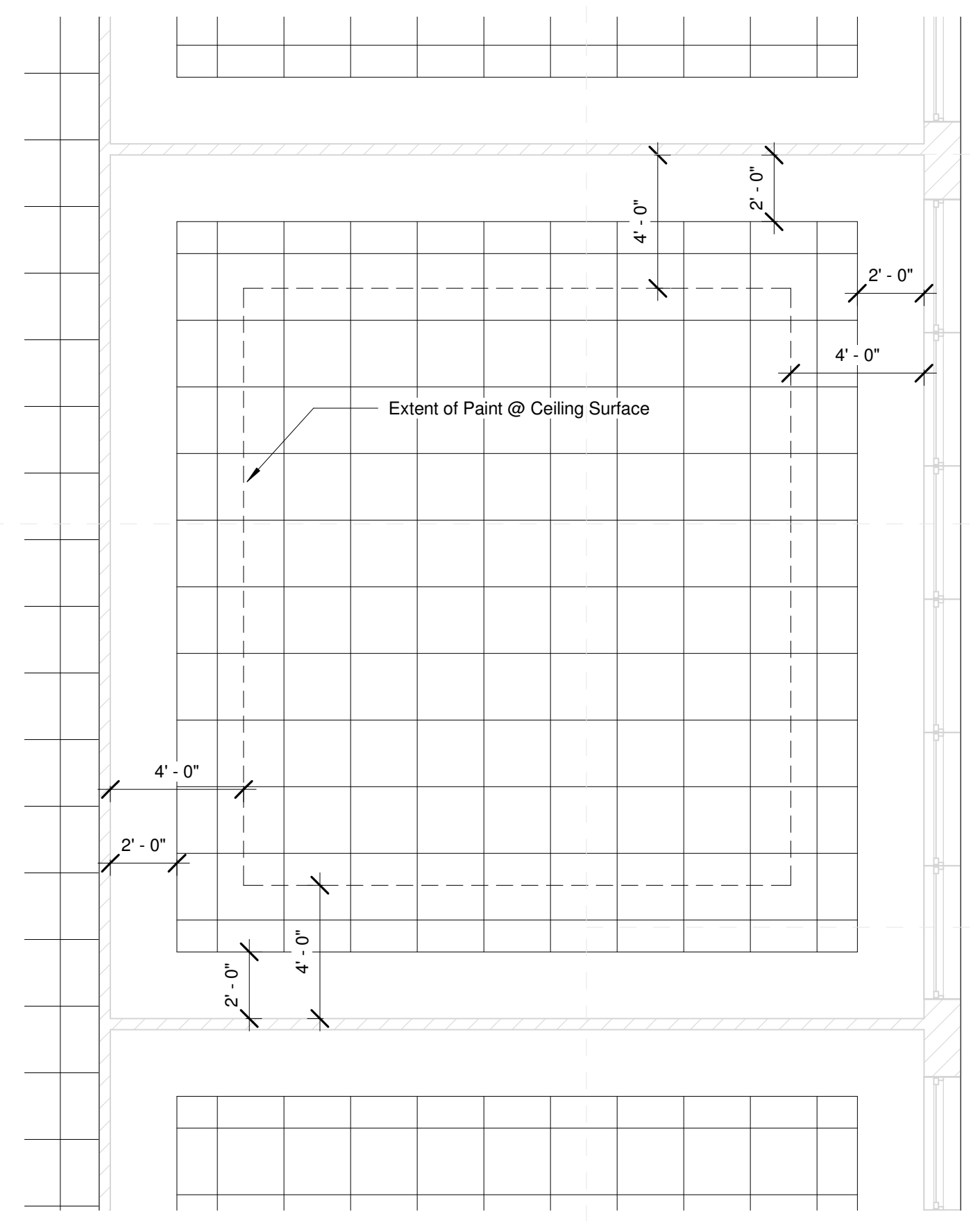
- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastener Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

1 RCP - New Construction
3/32" = 1'-0"

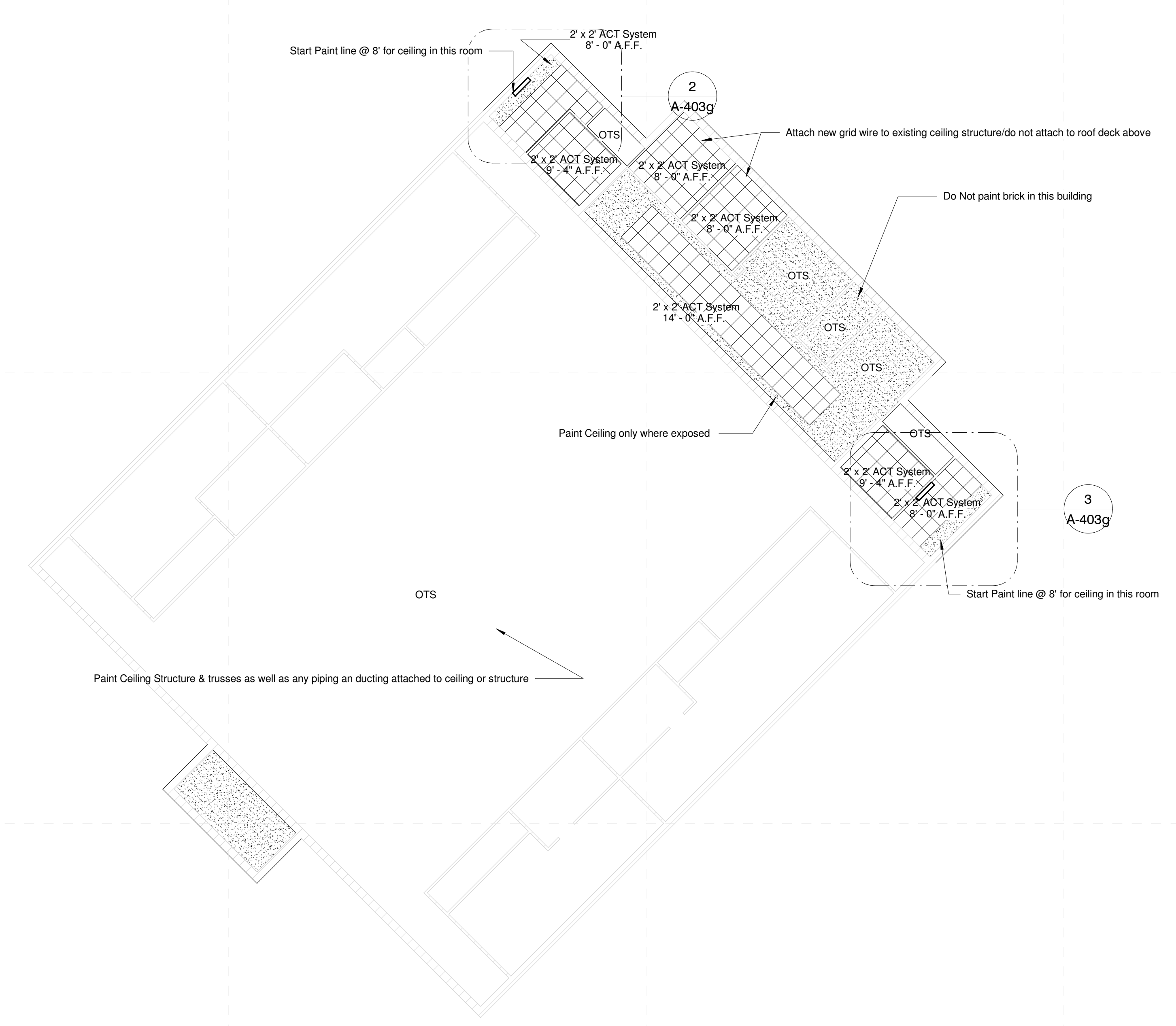


Ceiling Edge Trim Detail
3" = 1'-0"

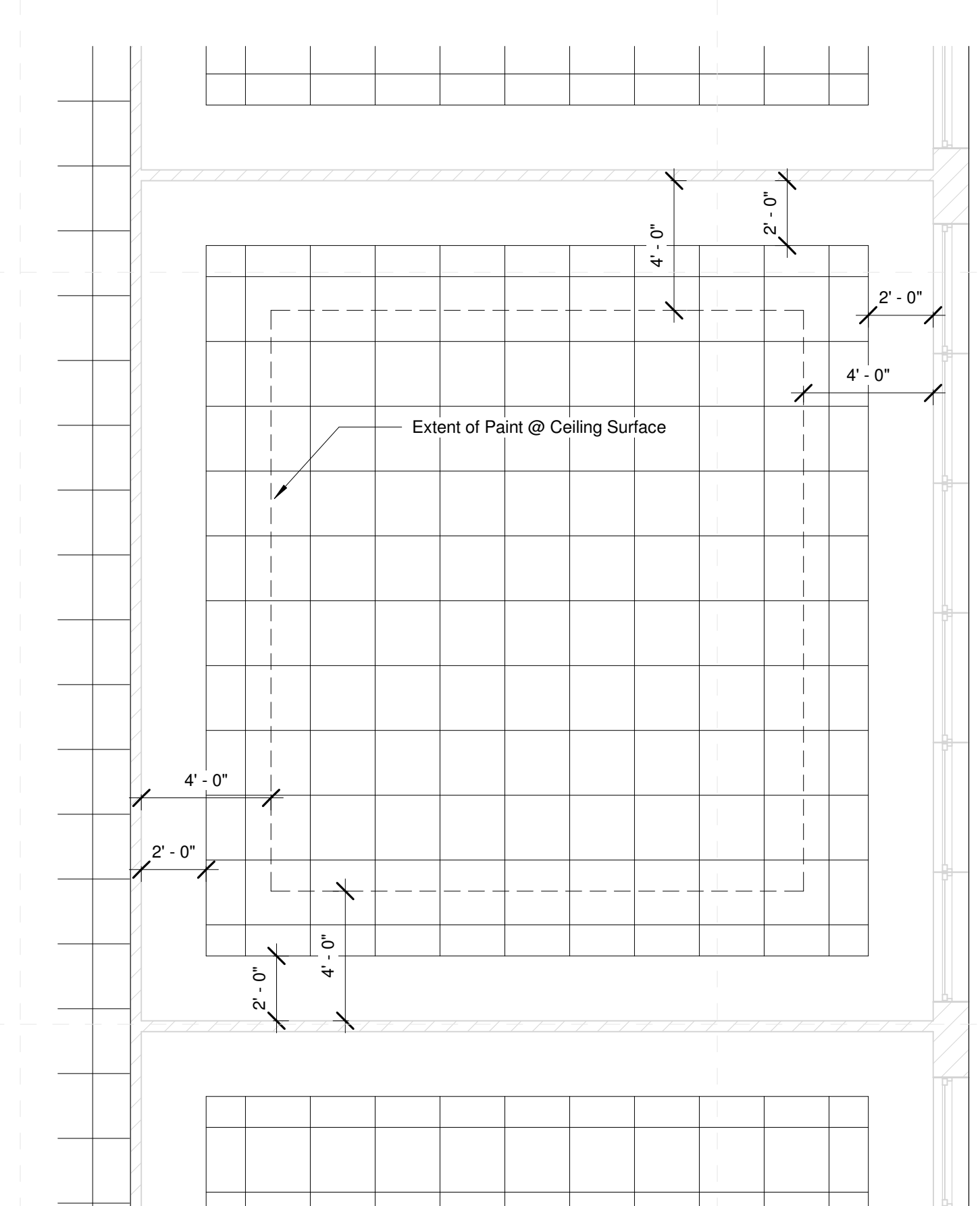
2 Typical Ceiling Layout
1/4" = 1'-0"



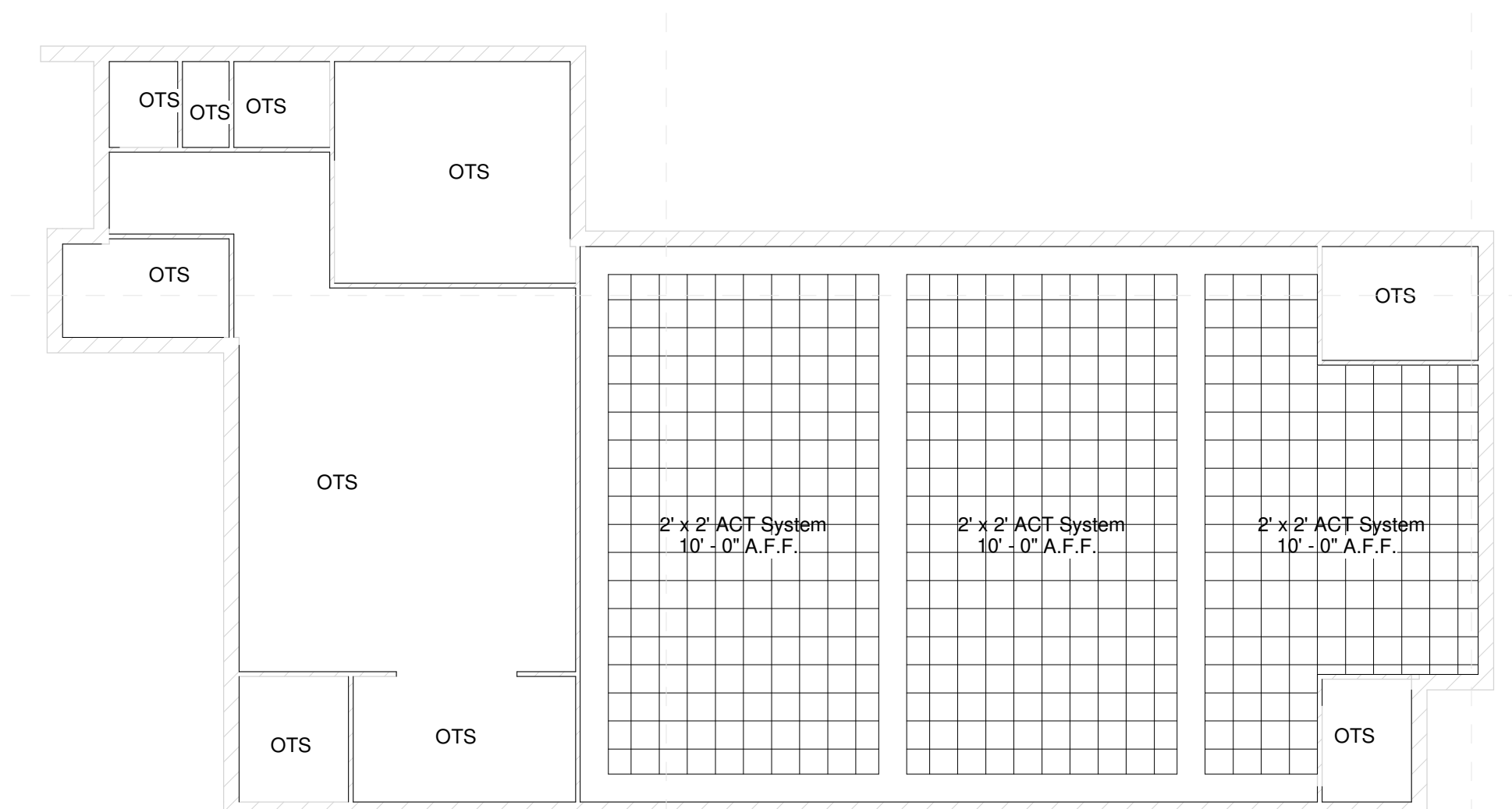
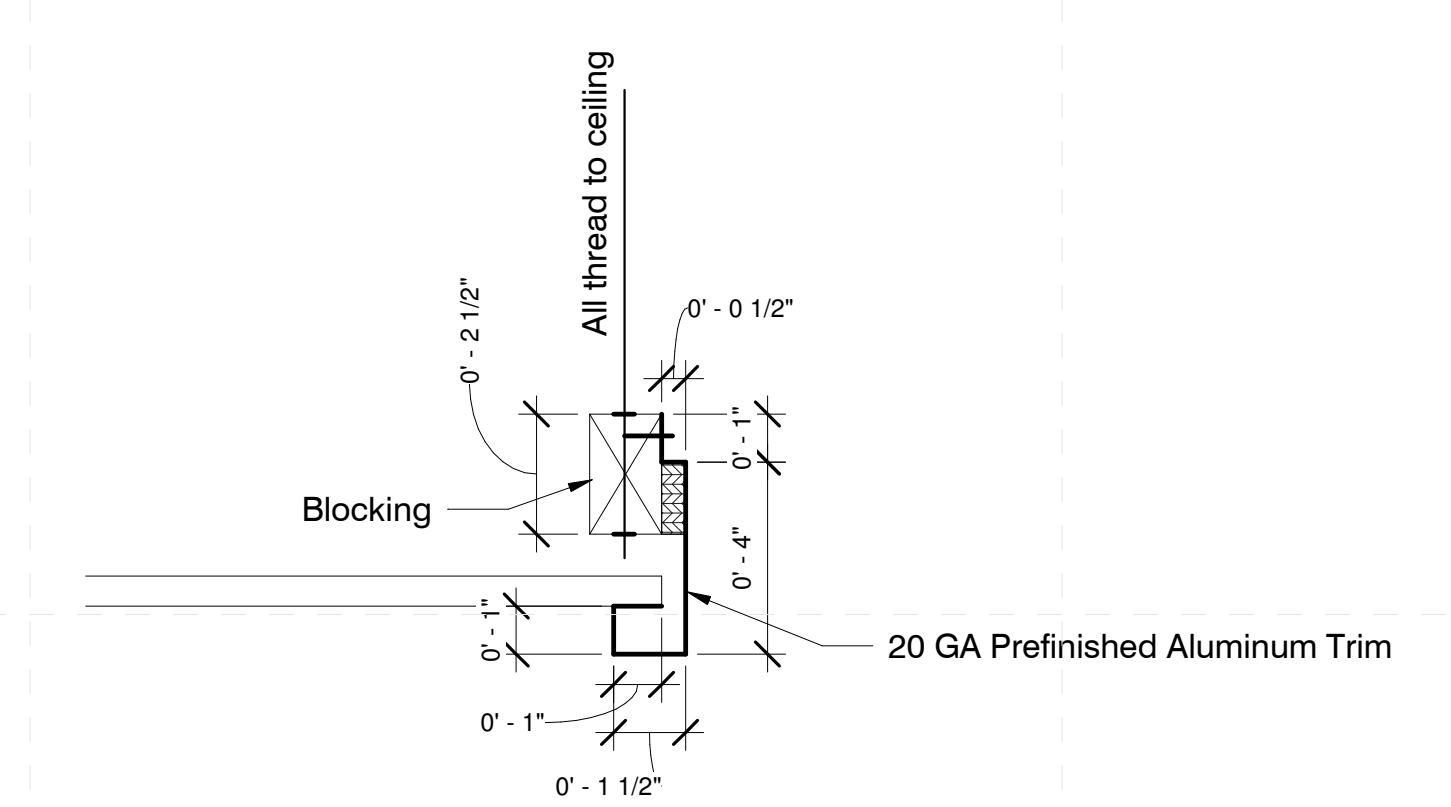
1 RCP - New Construction Gym/Cafe
3/32" = 1'-0"



2 Typical Ceiling
1/4" = 1'-0"



3 Ceiling Edge Trim Detail
3" = 1'-0"



General RCP Notes

1. Install new ceiling grid and tile throughout, unless noted otherwise. Ensure that existing hangers, if reused, are secured to substrate. Any failure of existing mounting system shall be repaired by contractor.
2. All ceiling heights shall be same as existing or lower, unless noted otherwise.
3. Contractor shall paint all surfaces above 10'-0" at wall, roof, and ceiling, as well as anything attached therein at all exposed sections of ceilings where not covered by new 2x2 ACT, unless noted otherwise.
4. Repair/replace any and all ceiling damaged due to construction activities.
5. Bent ceiling grid damaged due to construction activities shall be replaced or bent to appear as new in shape.
6. ACT in auditorium to be reveal edged

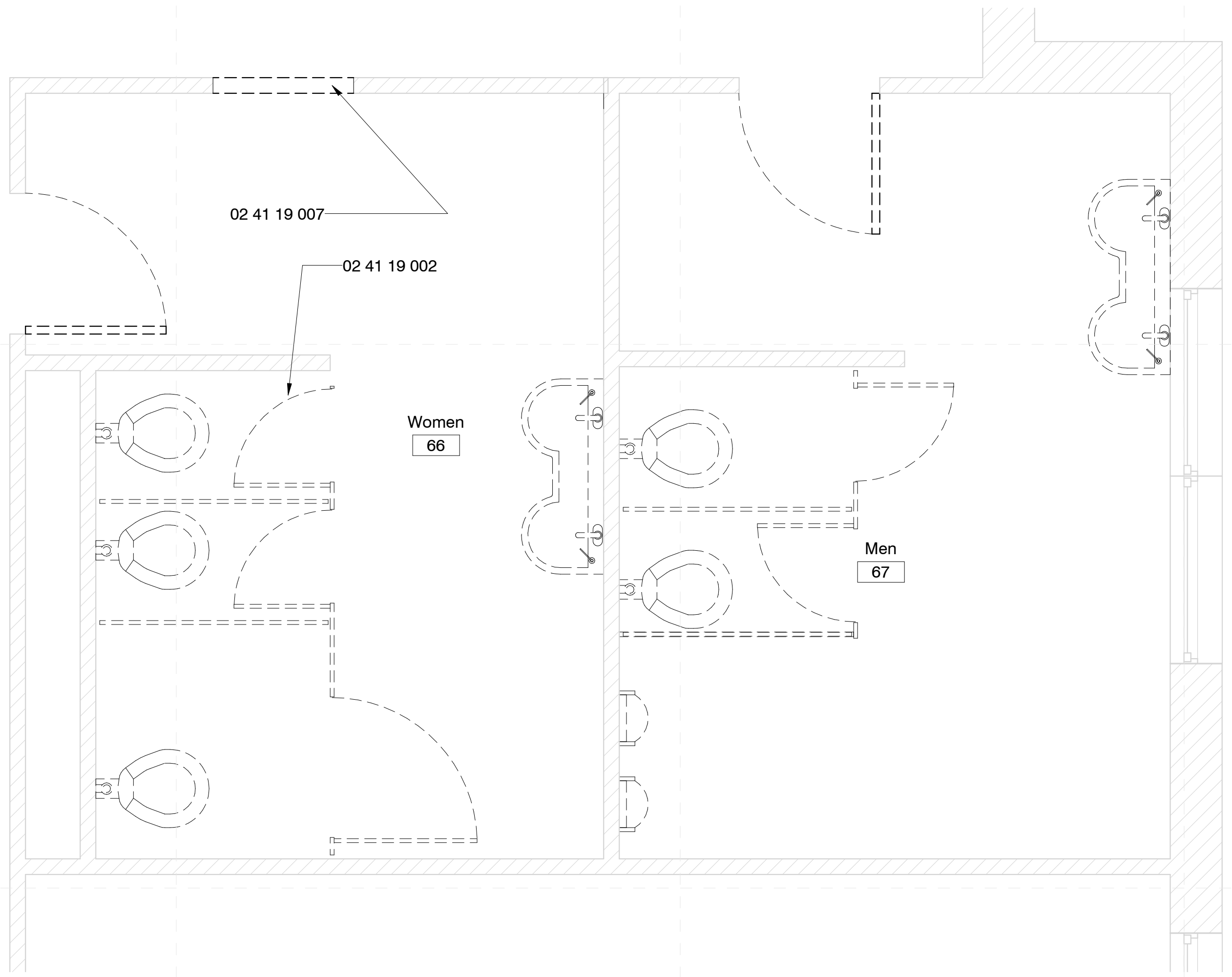
Ceiling Legend

- Moisture Resistant Acoustical Lay In Ceiling
- Colored Acoustical Lay In Ceiling
- Vinyl Faced Acoustical Lay In Ceiling
- Gypsum Board Ceiling
- 2x2 Acoustical Lay In Ceiling
- Plaster/Stucco
- Concealed Fastener Painted Metal Soffit
- 2x2 Fluorescent Fixture
- Surface-Mounted Fluorescent Light Fixture
- Recessed Can Light Fixture
- HVAC Supply Grille
- HVAC Return Grille
- Exterior Wall Light
- Interior Wall Light
- Open to Structure (OTS)

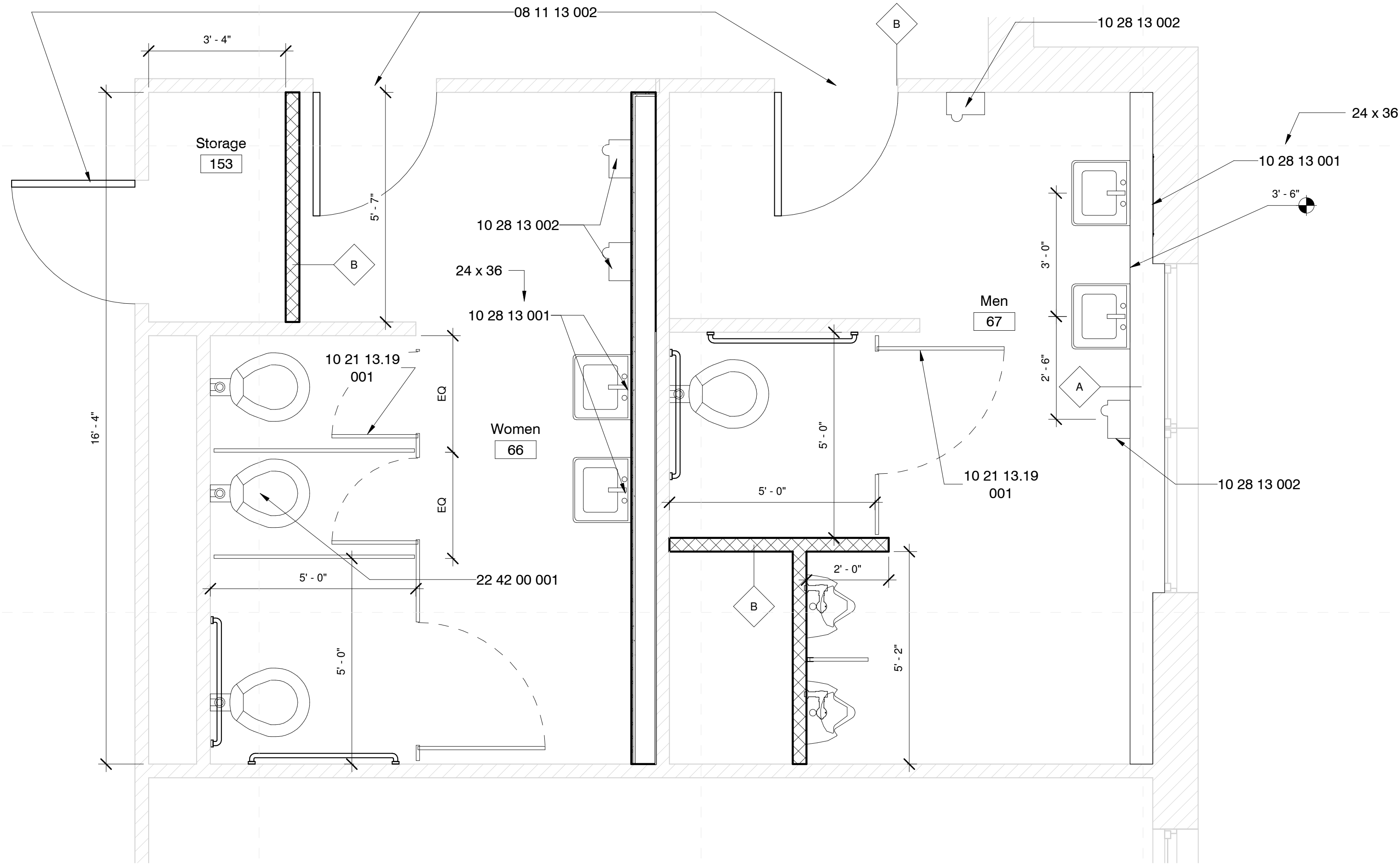
Not For Construction

Construction Documents

Project No	21027
Date	June 2021
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1 Central Toilets - Existing
1/2" = 1'-0"



2 Central Toilets - New Construction
1/2" = 1'-0"

General Demolition Notes

1. Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
2. Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
3. Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
4. Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
5. Burying or Burning of materials will not be permitted on site.
6. Repair any damage caused to building construction identified to remain.
7. Refer to other discipline drawings for additional demolition information as noted
8. Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
9. Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
10. Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
11. Remove partitions and existing fixtures.

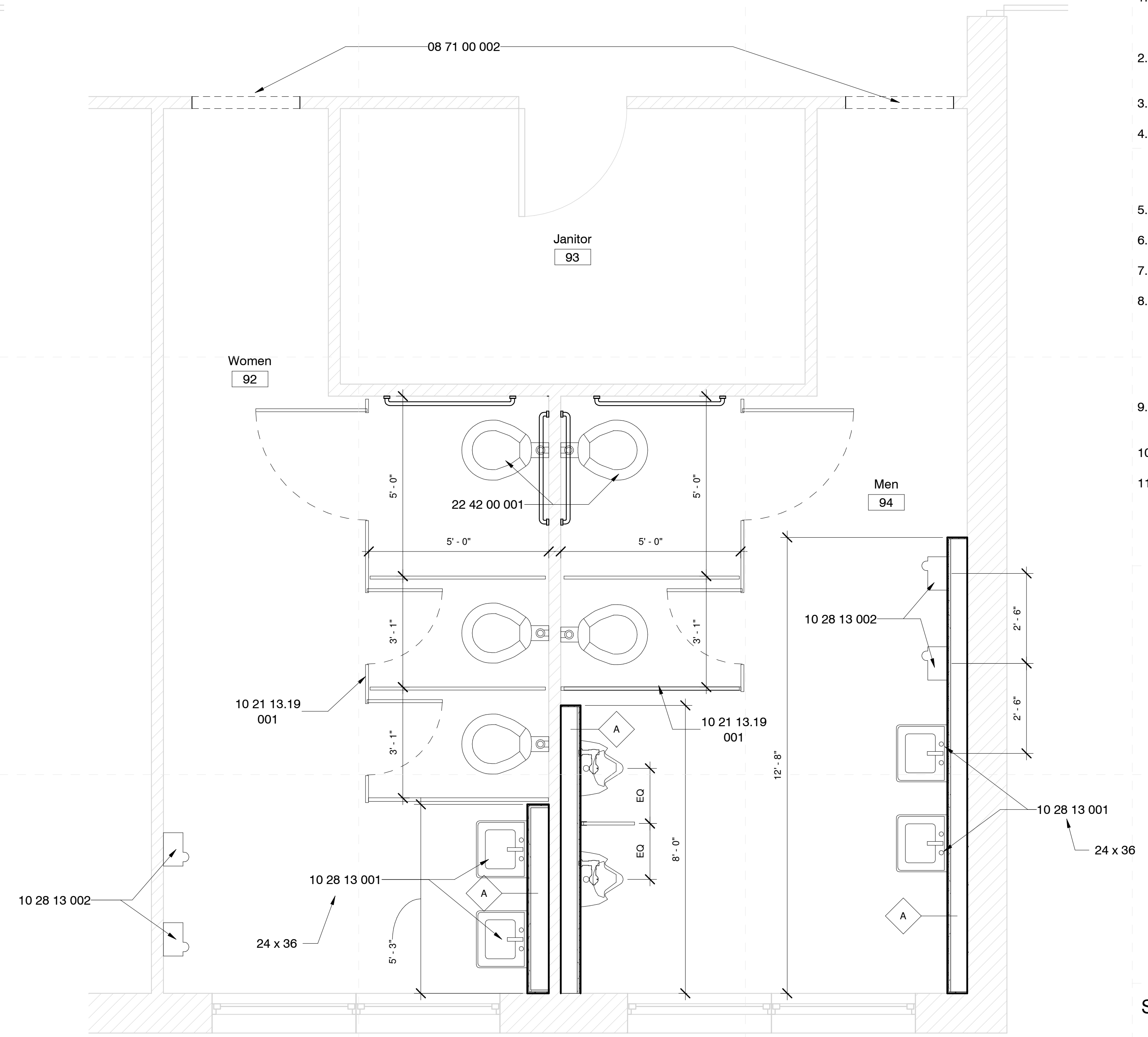
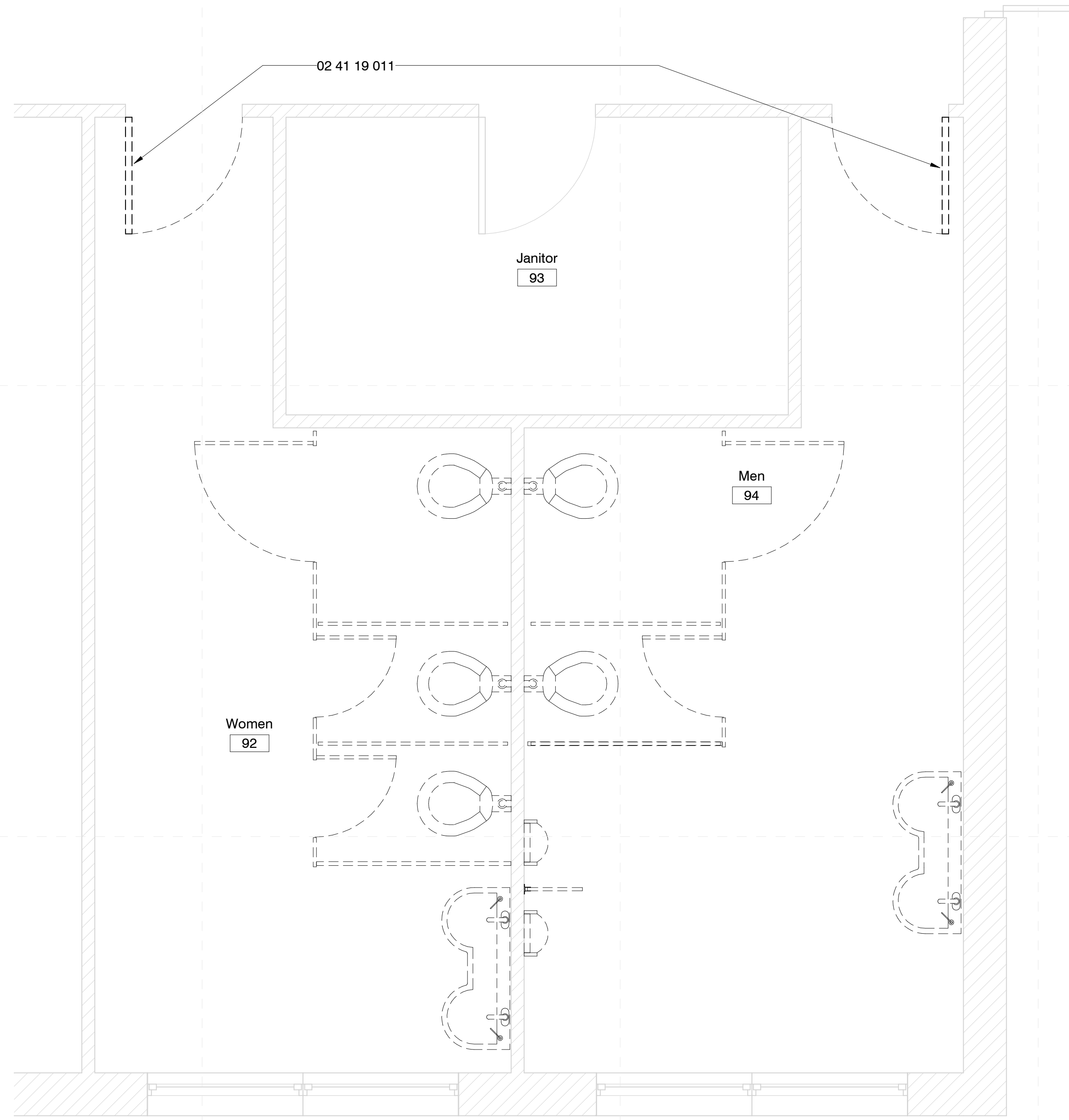
Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
02 41 19 007	Coordinate measurements with new construction
08 11 13 002	Install new 36" HM Door and Frame with new hardware
10 21 13.19 001	Install new toilet partitions (typical)
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

1. Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
2. Install new grab bars at all ADA & AMB toilets
3. Install moisture resistant back board at all new tile.
4. Clean and reseal grout at floor tile.
5. Paint exposed drywall & CMU at toilet rooms.
6. Clean FRP to remain.





General Demolition Notes

- Where floor transitions from new floor to existing floor, a floor transition strip is to be provided. A knock-down frame is to be provided in place of the existing frame where the opening is a part of corridor.
- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
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- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

Specific Notes

- 02 41 19 011 Remove Door Panel and Hinges
- 08 71 00 002 Fill Hinge Recessions with blank plates & paint
- 10 21 13.19 001 Install new toilet partitions (typical)
- 10 28 13 001 Install wall hung mirror here; center over fixture unless noted otherwise, size shall be as noted
- 10 28 13 002 Install hand dryer here; coordinate with electrical & mechanical
- 22 42 00 001 Coordinate new fixture installations with mechanical, typical for new

General Finish Plan Notes

- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- Install new grab bars at all ADA & AMB toilets
- Install moisture resistant back board at all new tile.
- Clean and reseal grout at floor tile.
- Paint exposed drywall & CMU at toilet rooms.
- Clean FRP to remain.

1 West Toilets - Existing
1/2" = 1'-0"

2 West Toilets - New Construction
1/2" = 1'-0"

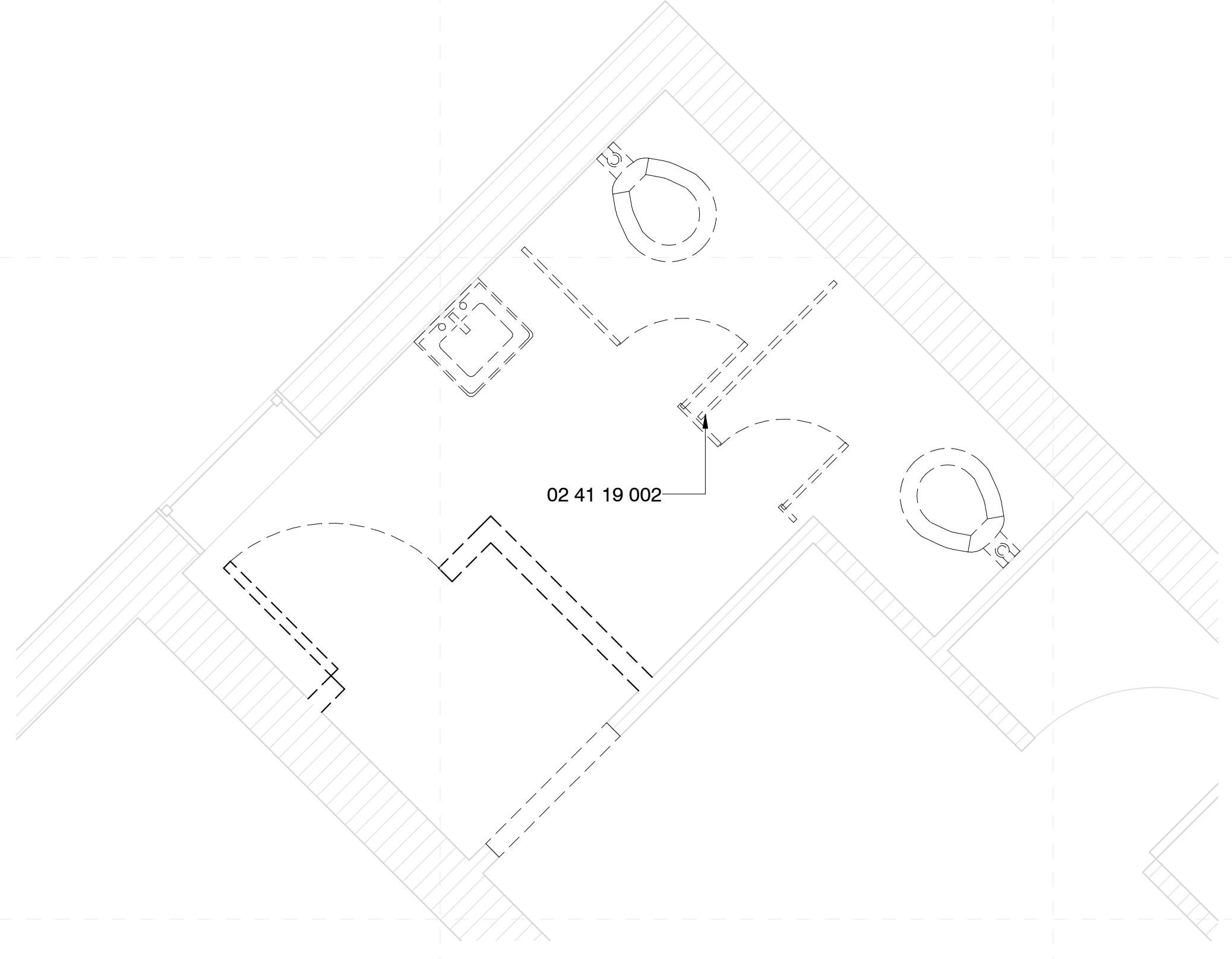
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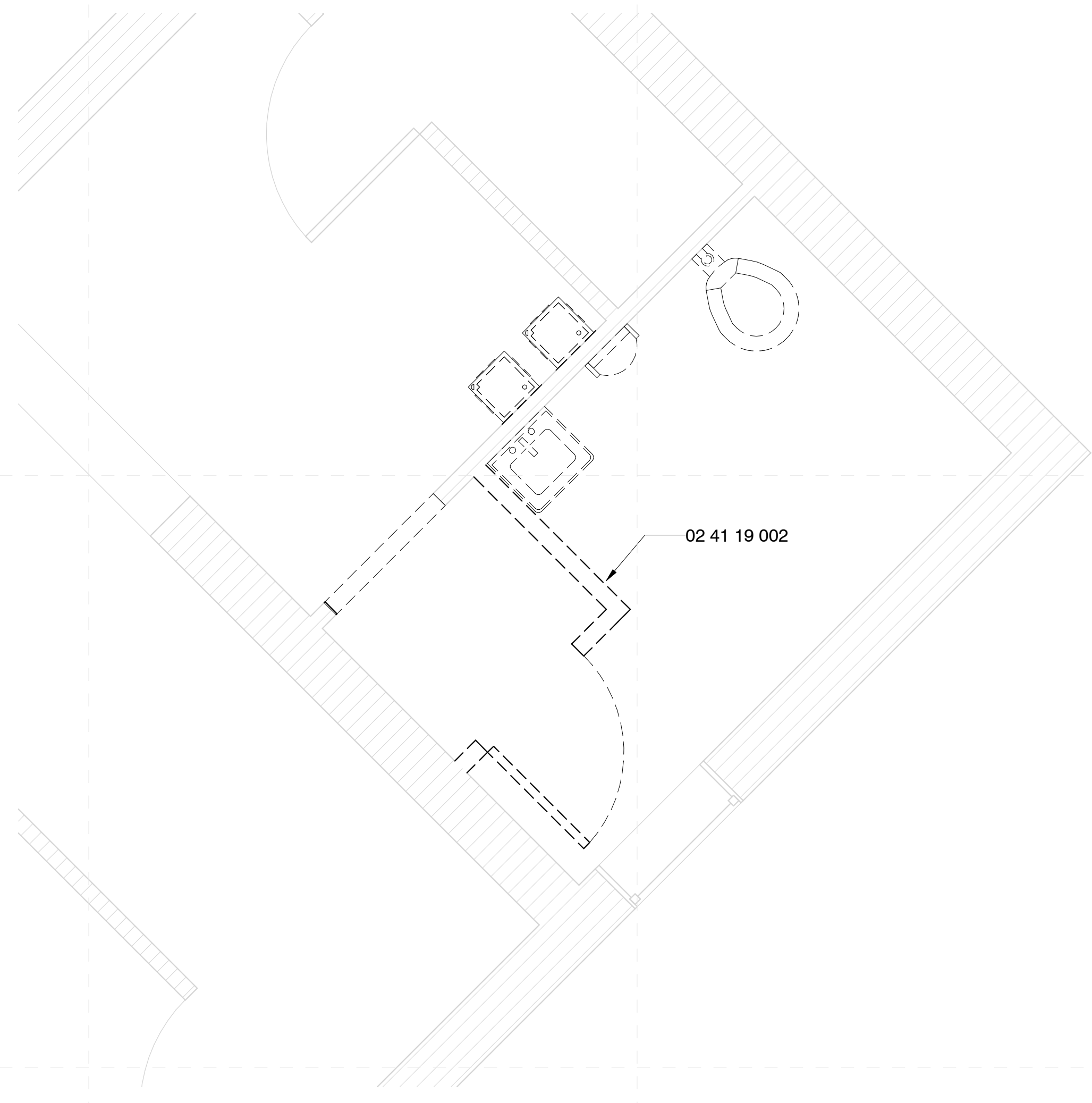
Sunflower Consolidated School District ESSER 2&3 Phase I
Ruleville Middle School: 250 Oscar St, Ruleville, MS 38771

Construction Documents

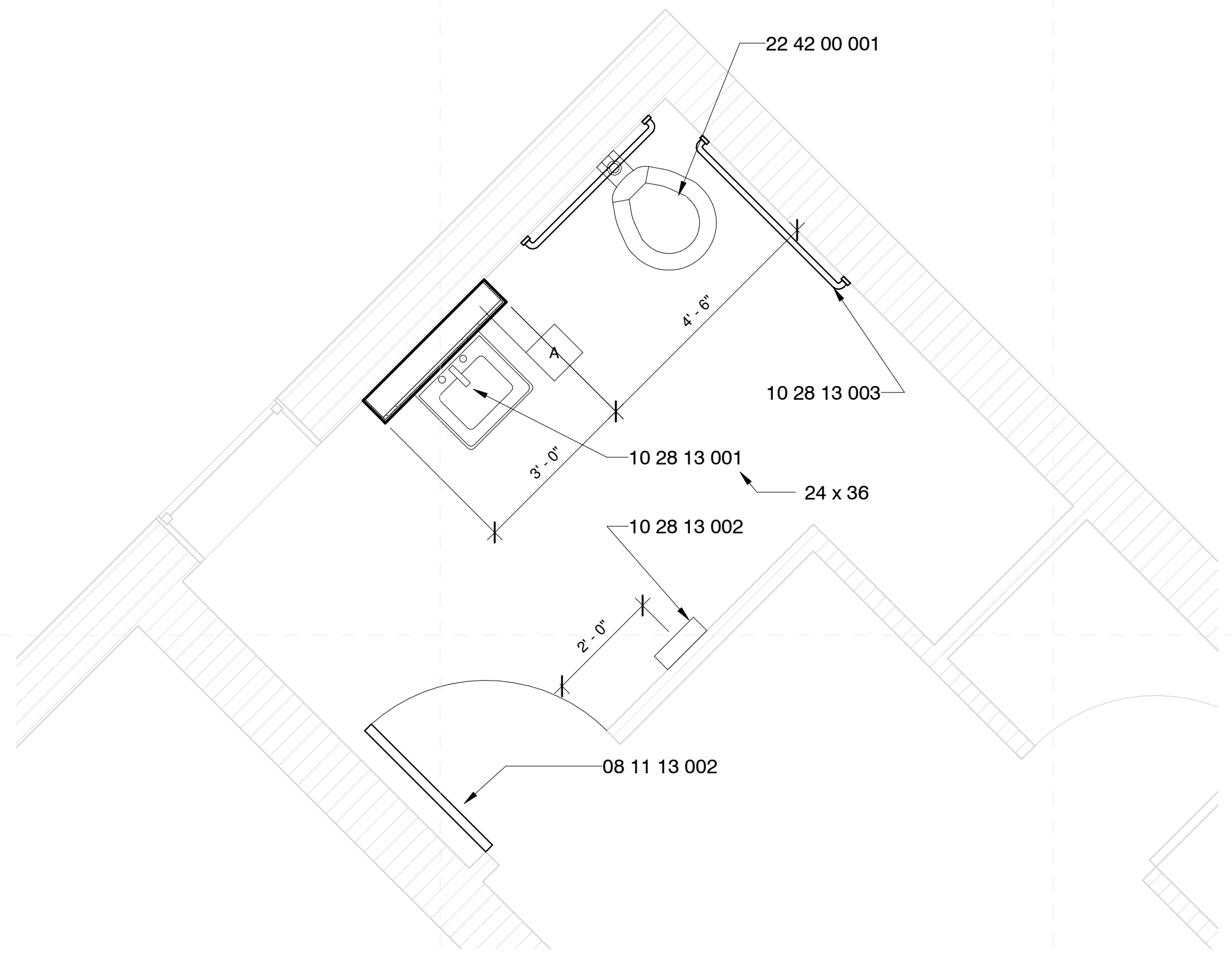
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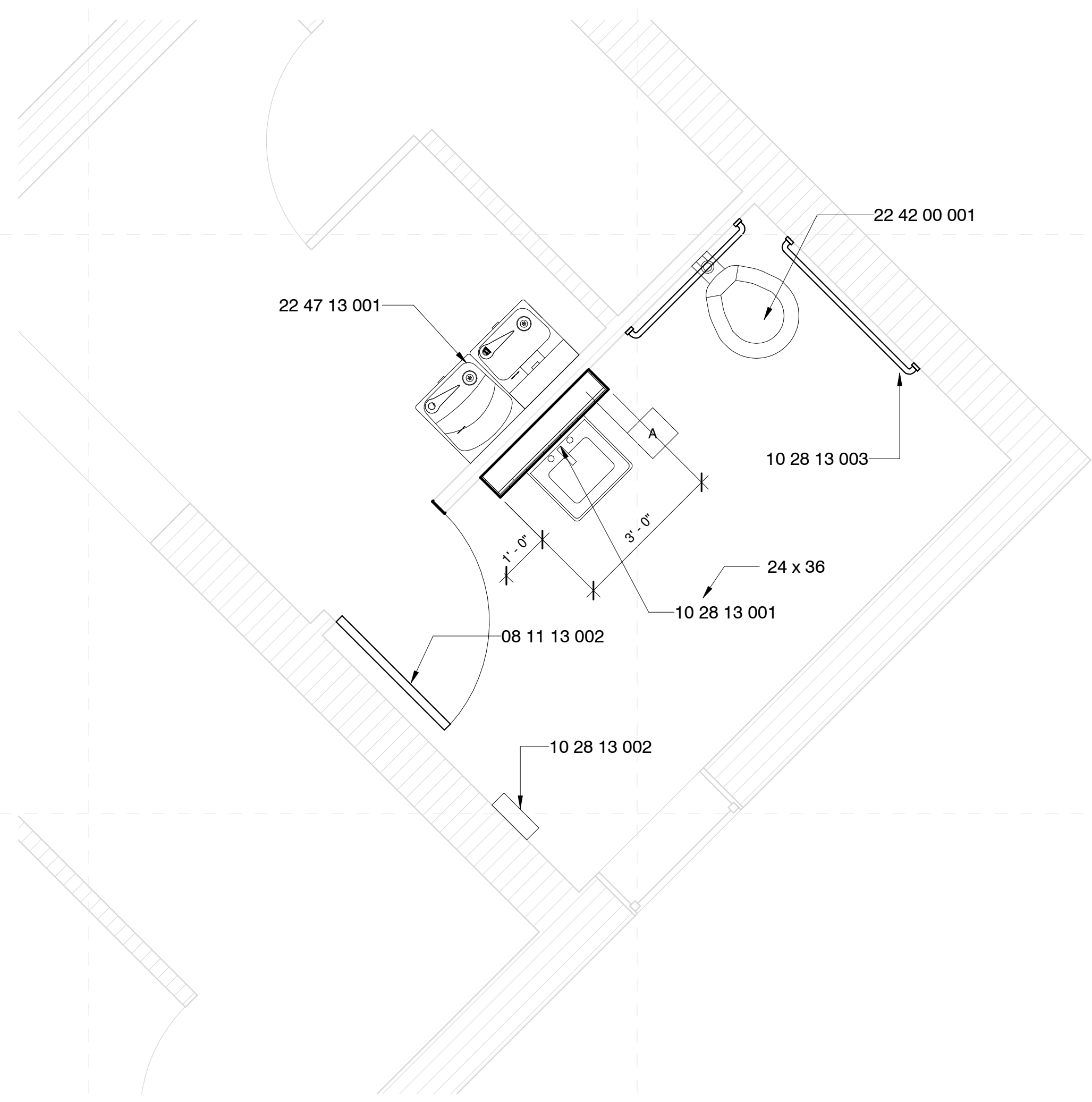
2 Gym Womens Toilets - Demolition
1/2" = 1'-0"



3 Gym Mens Toilets - Demolition
1/2" = 1'-0"



1 Gym Womens Toilets - New Construction
1/2" = 1'-0"



4 Gym Mens Toilets - New Construction
1/2" = 1'-0"

General Demolition Notes

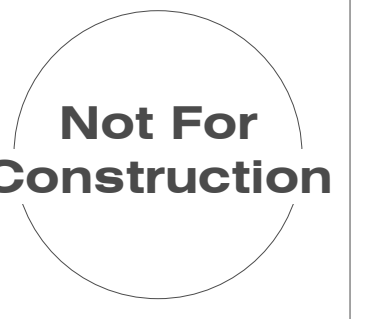
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- Remove all existing flooring, ceiling tile, rubber base, etc., where shown to be replaced by new materials in the finish schedule. RE: Floors plans, RCP, and Finish Schedule
- Owner has right of refusal for all demo work. If not retained, GC to be responsible for disposal.
- Verify all existing conditions. Notify architect of any discrepancies between the existing conditions and these documents. The Contractor is to consider the additional work required by any discrepancies to be included in this Contract.
- Burying or Burning of materials will not be permitted on site.
- Repair any damage caused to building construction identified to remain.
- Refer to other discipline drawings for additional demolition information as noted
- Schedule with the Owner any demolition that involves exposing to the weather the interior portions of building to remain. This work is to be performed during good, dry weather or temporary waterproof barrier walls shall be constructed at all occurrences where the demolition exposes weather to the interior of portions of buildings to remain.
- Existing loose school property to be the responsibility of the school district, removal of property by owner to be coordinated between the contractor and school district.
- Where areas are removed or altered, patch, repair, & paint to match adjacent surface material and finish.
- Remove partitions and existing fixtures.

Specific Notes

02 41 19 002	Dashed lines indicated extent of demoed work
08 11 13 002	Install new 36" HM Door and Frame with new hardware
10 28 13 001	Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted
10 28 13 002	Install hand dryer here; coordinate with electrical & mechanical
10 28 13 003	Install new ADA/AMD Grab bars here
22 42 00 001	Coordinate new fixture installations with mechanical, typical for new
22 47 13 001	Install double drinking fountain here; coordinate with mechanical & electrical drawings

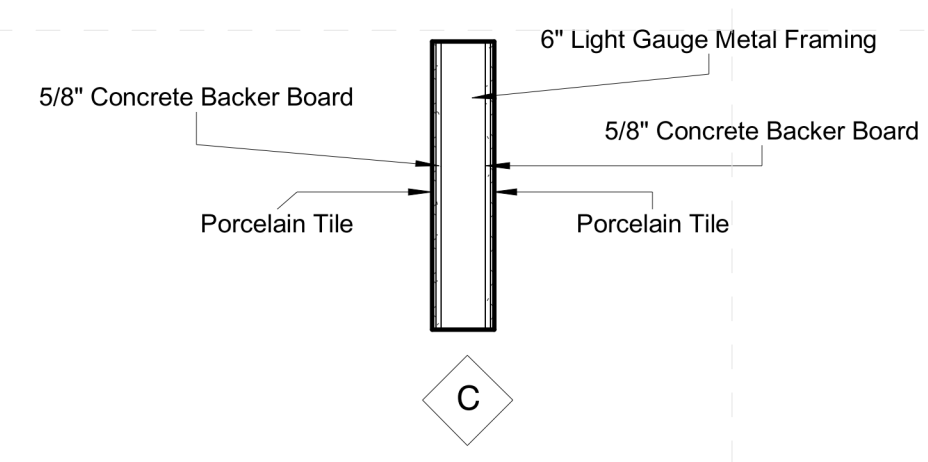
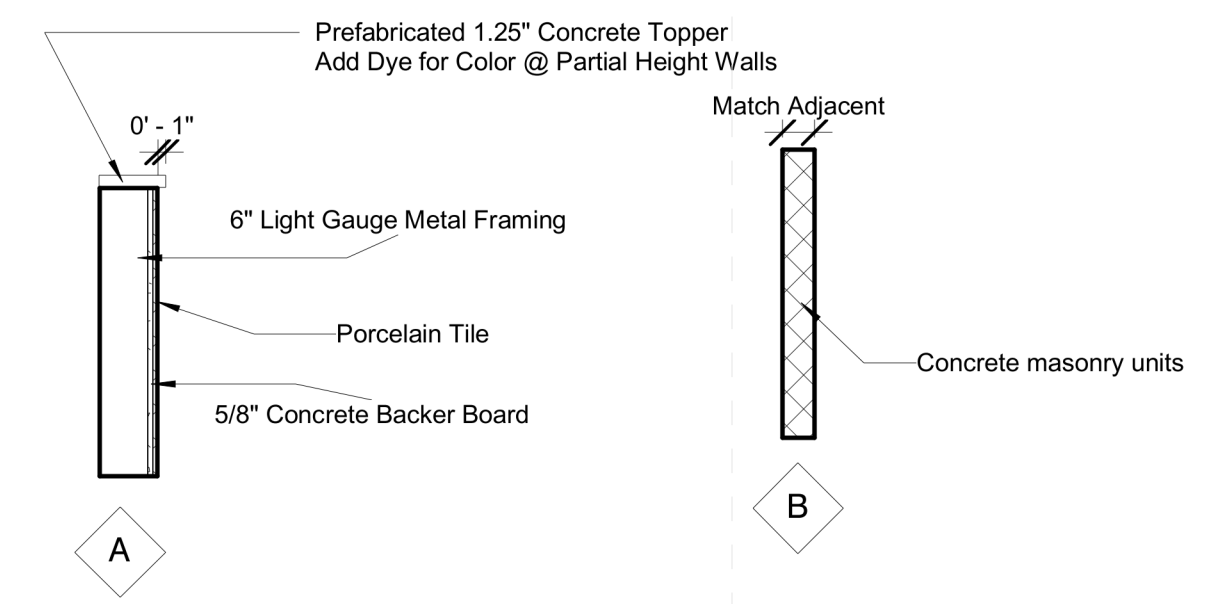
General Finish Plan Notes

- Patch tile at all floors and walls with matching material where missing or removed due to construction, unless noted otherwise.
- Install new grab bars at all ADA & AMB toilets
- Install moisture resistant back board at all new tile.
- Clean and reseal grout at floor tile.
- Paint exposed drywall & CMU at toilet rooms.
- Clean FRP to remain.

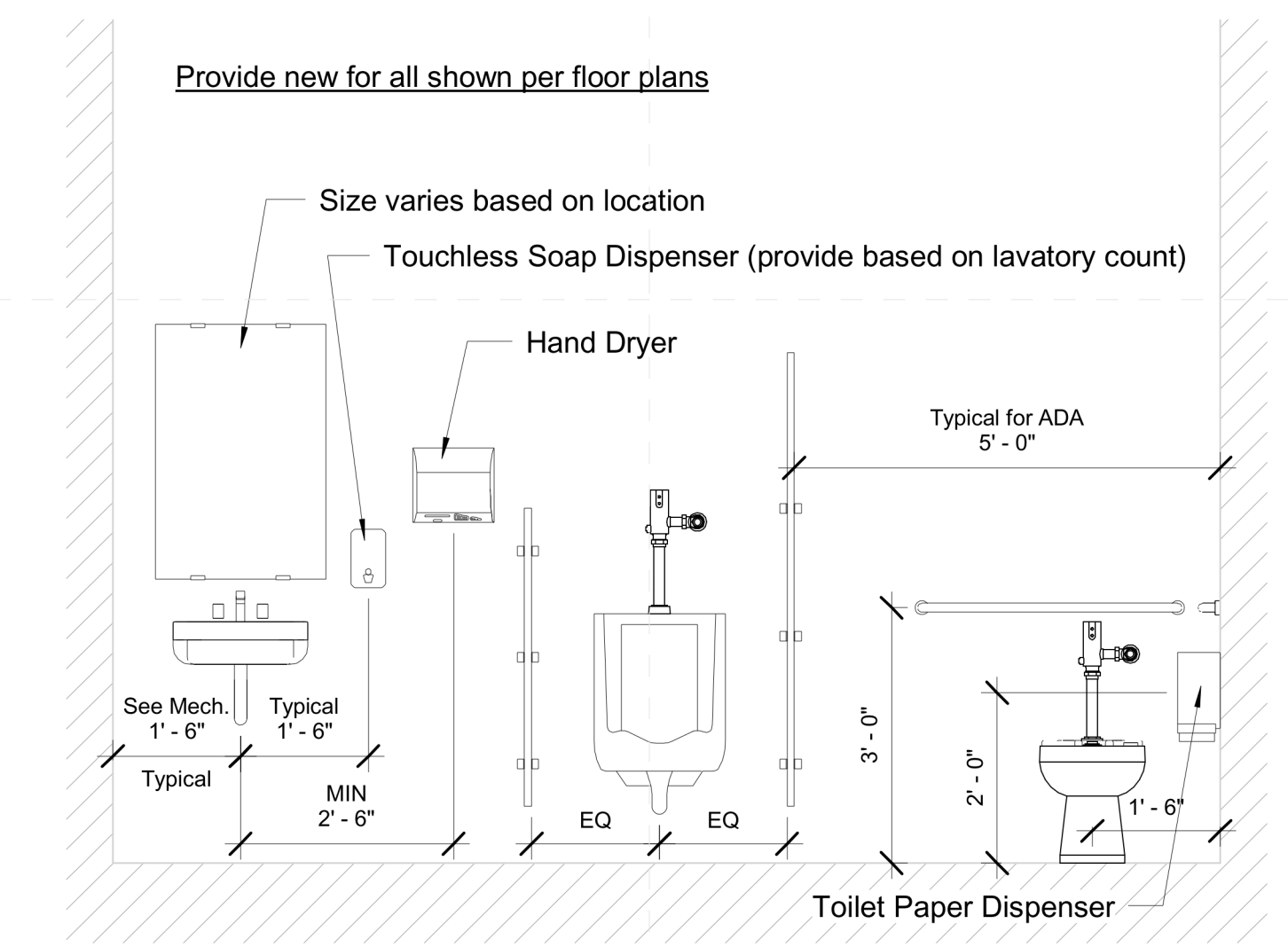


All School's Specific Notes

- 02 41 19 Dashed lines indicated extent of demoed work 002
- 02 41 19 Coordinate measurements with new construction 007
- 02 41 19 Remove Door Panel and Hinges 011
- 08 11 13 Install new 36" HM Door and Frame with new hardware 002
- 08 71 00 Replace all door hardware with new at existing leaf 001
- 08 71 00 Fill Hinge Recessions with blank plates & paint 002
- 09 05 05 01 Install leveling compound as needed for smooth appearance of new tile & a flush threshold to adjacent floors, typical on new floor tile 001
- 10 21 13.19 Install new toilet partitions (typical) 001
- 10 28 13 Install wall hung mirror here; center over fixture unless noted otherwise; size shall be as noted 001
- 10 28 13 Install hand dryer here; coordinate with electrical & mechanical 002
- 10 28 13 Install new ADA/AMD Grab bars here 003
- 22 42 00 Coordinate new fixture installations with mechanical, typical for new 001
- 22 42 00 New fixtures only in this toilet room; coordinate with mechanical 002
- 22 47 13 Install double drinking fountain here; coordinate with mechanical & electrical drawings 001
- 22 47 13 Install single drinking fountain here with bottle filler attachment; coordinate with mechanical & electrical drawings 002



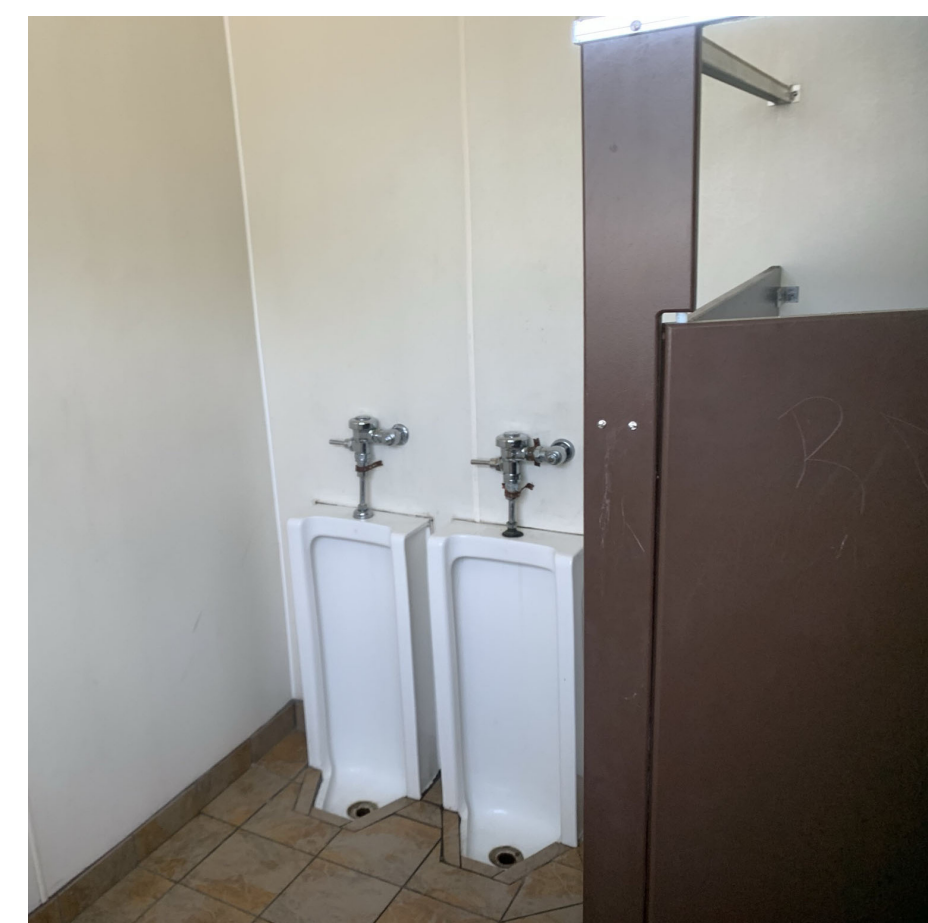
Wall Standards
1/2" = 1'-0"



1 Typical Toilet Room Wall
1/2" = 1'-0"



Front of School



Mens 67



Womens 66



Mens 94



Womens 92

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Biloxi, MS 39530
p 228.374.1409

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Sunflower Consolidated School District ESSER 2&3 Phase I
Ruleville Middle School: 250 Oscar St, Ruleville, MS 38771

Construction Documents
Project No 21027
Date June 2021
Revisions Rev Date

LEGEND - PLUMBING

Table with 2 columns: MARK and DESCRIPTION. Lists plumbing symbols and their corresponding descriptions, including existing and new piping, valves, and fixtures.

LEGEND - HVAC

Table with 2 columns: MARK and DESCRIPTION. Lists HVAC symbols and their corresponding descriptions, including diffusers, registers, ductwork, and sensors.

GENERAL PLUMBING NOTES:

- 1. PROVIDE ALL PLUMBING PIPING, FIXTURES, TRIM, AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND FUNCTIONAL PLUMBING SYSTEM. VERIFY WITH ARCHITECT AND DRAWINGS, WHICH PLUMBING INSTALLATIONS ARE DESIGNATED FOR ADA ACCESSIBILITY. ALL SUCH FIXTURE INSTALLATIONS SHALL INCLUDE ALL INSTALLATION ACCESSORIES, MOUNTING/LIP HEIGHT, CONTROL OFFSET, SIZE AND ACCESSIBILITY AS REQUIRED BY LATEST EDITION OF AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL GOVERNING AUTHORITIES.
- 2. ALL PLUMBING VENTS, WHERE NOTED VENT UP (V. UPI), SHALL BE COMBINED WITHIN WALL OR ABOVE CEILING CONCEALED AREAS, WHERE FEASIBLE, SO AS TO MINIMIZE ROOF PENETRATIONS. COORDINATE LOCATION OF ROOF PLUMBING AND FLUE VENTS SUCH THAT ALL VENTS ARE MINIMUM 15 FEET FROM ANY VENTILATION INTAKE DEVICES. ALL ROOF PENETRATIONS, VENTS, FLUES, ETC. SHALL BE MADE ON BACK SIDE OF ROOF AS CAN BE COORDINATED WITH ARCHITECT. ALL FLUES AND VENTS EXPOSED ABOVE ROOF SHALL BE FIELD PAINTED COLOR BY ARCHITECT.
- 3. ALL PIPING SHALL BE CONCEALED INSIDE WALLS AND PIPE CHASES OR ABOVE CEILING, EXCEPT AS OTHERWISE NOTED AND AT APPROPRIATE EQUIPMENT FINAL CONNECTIONS. HOLD ALL PIPING ABOVE CEILING AS HIGH AS POSSIBLE AND COORDINATE WITH OTHER CRAFTS.
- 4. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IN DIAGRAMS. PROVIDE ALL OFFSETS, ETC. TO AVOID INTERFERENCES WITH STRUCTURAL MEMBERS, EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC.
- 5. VERIFY/COORDINATE PIPE SIZES AND CONNECTIONS WITH 'PLUMBING FIXTURE ROUGH-IN SCHEDULE' FOR WASTE, VENT AND WATER PIPING ROUGH-IN SIZES NOT CLEARLY SHOWN ON PLANS OR IN RISER DIAGRAMS, ETC. CONTACT PROFESSIONAL SHOULD QUESTIONS OR CONFLICTS ARISE. PROVIDE ROUGH-IN, FINAL CONNECTIONS AND INSTALLATION APPURTENANCES AS RECOMMENDED BY APPLIANCE AND/OR EQUIPMENT MANUFACTURER FOR DISHWASHERS, ICE MAKERS, AND MACHINES, WASHERS, DRYERS, ETC. VERIFY LOCATION ON ARCHITECTURAL DRAWINGS AND CONNECTION REQUIREMENTS FROM APPROVED BROCHURES OF THE EQUIPMENT AND/OR APPLIANCE MANUFACTURER.
- 6. COORDINATE SLOPE OF ALL DRAINAGE AND VENT PIPING BELOW GRADE AT INVERT ELEVATIONS INDICATED. CONSISTENTLY SLOPE ALL OTHER PIPING, NOT INDICATED, AS REQUIRED BY PLUMBING CODE APPLICABLE TO THIS PROJECT BUT IN NO CASE LESS THAN 1%.
- 7. ALL VERTICAL RISERS TO FLOOR DRAINS AND FLOOR MOUNTED SINKS SHALL BE MAXIMUM 24" LONG.
- 8. ALL ABOVE GRADE HORIZONTAL DRAINAGE AND VENT PIPING ROUTING SHALL BE COORDINATED WITH OTHER CRAFTS AND STRUCTURAL/ARCHITECTURAL DRAWINGS. CONSISTENTLY SLOPE ALL PIPING, NOT INDICATED WITH ELEVATIONS, AS REQUIRED BY PLUMBING CODE APPLICABLE TO THIS PROJECT BUT IN NO CASE LESS THAN 1%.
- 9. WHEN SLEEVES, PIPES, CONDUITS, ETC. PENETRATE GRADE BEAMS OR TIE BEAMS, INCREASE THE DEPTH OF THE PENETRATED BEAM BY NO LESS THAN TWICE THE DIAMETER OF THE PENETRATION FOR A DISTANCE OF 4'-0" CENTERED ON THE PENETRATION. WHERE THE PENETRATION INTERRUPTS REINFORCING STEEL, AN EQUAL NUMBER OF LIKE SIZE REINFORCING BARS SHALL BE BENT UNDER THE PENETRATION AND LAP SPLICED 30 BAR DIAMETERS ON EACH SIDE. CONCRETE COVER REQUIREMENTS ON ALL SIDES SHALL BE THE SAME AS SHOWN FOR THE UNMODIFIED GRADE BEAM OR TIE BEAM. SEE STRUCTURAL DRAWINGS FOR FURTHER SPECIFICS, ETC. PROVIDE NEW SCHEDULE 40 PVC PIPE SLEEVE A MIN. TWO SIZES LARGER THAN CARRIER PIPE AT ALL SUCH CROSSINGS, TO EXTEND MIN. 6" PAST FOUNDATION ON BOTH ENDS. PROVIDE GASKUM AND SEALANT IN ANNULAR SPACE OF SLEEVES AND WATER PROOF ON ALL BUILDING PERIMETER AND INTERIOR FOOTING AND GRADE BEAM APPLICATIONS.
- 10. ALL CLEANOUTS IN SANITARY, STORM AND CONDENSATE DRAIN PIPING SHALL BE FULL PIPE SIZE UP TO 4" AND SHALL BE 4" SIZE ON 6" AND LARGER PIPING.

GENERAL HVAC NOTES:

- 1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT THE SPECIFIED HVAC SYSTEM BE PROVIDED COMPLETE WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND CONTROLS AND COMPLETELY COORDINATED WITH ALL OTHER CRAFTS AND DISCIPLINES. ALL PARAMETERS GIVEN IN THESE DOCUMENTS SHALL BE IN STRICT CONFORMANCE. ANY ADDITIONAL MATERIALS AND/OR LABOR REQUIRED TO CONFORM WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS, SHALL BE PROVIDED COMPLETE AND WITHOUT ADDITIONAL COST TO THE CONTRACTOR.
- 2. THE LOCATION OF ALL AIR DISTRIBUTION DEVICES TO BE COORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. COORDINATE LOCATION OF DUCTWORK IN ALL AREAS TO MATCH CEILING GRID/LIGHT FIXTURES WHILE MAXIMIZING CEILING HEIGHT SCHEDULED ON ARCHITECTURAL PLANS.
- 3. COORDINATE LOCATION OF ALL OUTDOOR AIR INTAKES FOR HVAC SYSTEMS AND MAINTAIN MINIMUM 15'-0" DISTANCE TO FLUES, VENTS, EXHAUST/FANS, ETC.
- 4. SIDEWALL AND DRYWALL CONSTRUCTION AIR DISTRIBUTION DEVICES MOUNTINGS IN SAME ROOM SHALL BE UNIFORM AND SYMMETRICAL AS APPROVED BY ARCHITECT.
- 5. WALL LOUVERS AND BRICK VENTS TO BE OF ALUMINUM CONSTRUCTION AND HAVE FACTORY COLORED FINISH. THE COLOR TO BE SELECTED BY THE ARCHITECT.
- 6. COORDINATE WEIGHTS OF HVAC EQUIPMENT, ETC. WITH ALL TRADES. PROVIDE ALL AUXILIARY SUPPORT STEEL TO SUPPORT ALL EQUIPMENT AND PROVIDE BLOCKING AND SUPPORT FOR SAME. INDICATE ALL SUCH PENETRATIONS AND WEIGHTS ON SHOP DRAWING SUBMITTALS. ALL SOFFIT, EXTERIOR WALL, AND ROOF EQUIPMENT AND LOUVERS SHALL INCLUDE AUXILIARY SUPPORT STEEL FRAMING AROUND PERIMETER OF ALL OPENINGS. PRIME AND PAINT ALL AUXILIARY STEEL MEMBERS UTILIZED EVERYWHERE IN THIS PROJECT.
- 7. DUCTWORK AND OTHER MECHANICAL OPENINGS THROUGH MASONRY WALLS SHALL BE REINFORCED/SUPPORTED AS DETAILED ON STRUCTURAL DRAWINGS. COORDINATE THE LOCATIONS AND SIZES OF THESE PENETRATIONS MAKING ALLOWANCES FOR INSULATION, FIRE DAMPERS, PIPING SLEEVES, ETC.
- 8. DUCTWORK EXPOSED OUTSIDE (TO WEATHER) SHALL BE COMPREHENSIVELY SEALED AIRTIGHT, INCLUDING ALL CONNECTIONS AND CIRCUMFERENTIAL AND LONGITUDINAL SEAMS, ETC. A RECOMMENDED SEALANT SYSTEM, SUCH AS HARDCAST DT-5000, SHALL BE APPLIED WITH FT0-20 FLEXIBLE ADHESIVE, OR EQUAL. DUCTWORK SHALL BE SUITABLY SUPPORTED WITH HEEL AND WALL GALVALUME/GALVANIZED AUXILIARY SUPPORTS. ENTIRE INSTALLATION SHALL BE NEAT, INCLUDING SEALANT. ALL DUCTWORK SHALL BE ATTACHED TO HVAC UNIT CONNECTIONS WITH WEATHERPROOF FLEXIBLE CONNECTIONS. DUCTWORK AND AUXILIARY SUPPORTS SHALL BE NEATLY PRIMED AND PAINTED.

GENERAL SITE NOTES:

- 1. PROVIDE ALL WATER, SANITARY SEWER, AND NATURAL GAS PIPING SITE UTILITIES AS INDICATED AND SPECIFIED. COORDINATE WITH SERVING UTILITIES TO PROVIDE ALL TAPS AND CONNECTIONS. COORDINATE WITH SERVING UTILITY AUTHORITIES SUCH THAT THE CAPACITY REQUIRED OF THE NEW ADDITIONS OR MODIFICATIONS TO EXISTING CAN BE SUITABLY PROVIDED. ALL FEES, PERMITS, ETC. SHALL BE INCLUDED.
- 2. COORDINATE INSTALLATION OF ALL UTILITIES WITH ENGINEER SUCH THAT BEDDING OF ALL PIPING CAN BE VERIFIED AND ALL PIPING TESTS CAN BE WITNESSED PRIOR TO BACKFILLING. PROVIDE PRIOR ADVANCE NOTICE AS PER SPECIFICATIONS.
- 3. ALL NEW GAS AND WATER PIPING SHALL HAVE A MINIMUM OF THREE (3) FEET GROUND COVER. DRAINAGE PIPING SHALL HAVE A MINIMUM OF EIGHTEEN (18) INCHES GROUND COVER AS INDICATED ON DRAWINGS.
- 4. THE ROUTING OF ALL UNDERGROUND PIPING SHALL BE OPTIMIZED TO MINIMIZE INTERACTION WITH LOCATION OF SHRUBBERY AND TREES, ETC. TEMPORARILY REMOVE AND THEN REINSTALL SHRUBBERY AND VERY SMALL TREES TO AVOID DAMAGE. THE ROUTING OF THE NEW PIPING SHALL BE OPTIMIZED, WHERE POSSIBLE, TO AVOID ROUTING WITHIN THE DRIP LINE OF THE TREES SHOWN TO REMAIN.
- 5. COORDINATE SANITARY SEWER PIPING ROUTING WITH ARCHITECTURAL/CIVIL DRAINAGE PLANS WHERE SEWER AND STORM DRAINAGE PIPING INTERACT. VERIFY THAT SANITARY SEWER AND STORM DRAINAGE PIPING ELEVATIONS DO NOT CONFLICT. ANY DISCREPANCIES SHALL BE RELATED TO PROFESSIONAL PROMPTLY.

GENERAL HVAC DEMOLITION NOTES:

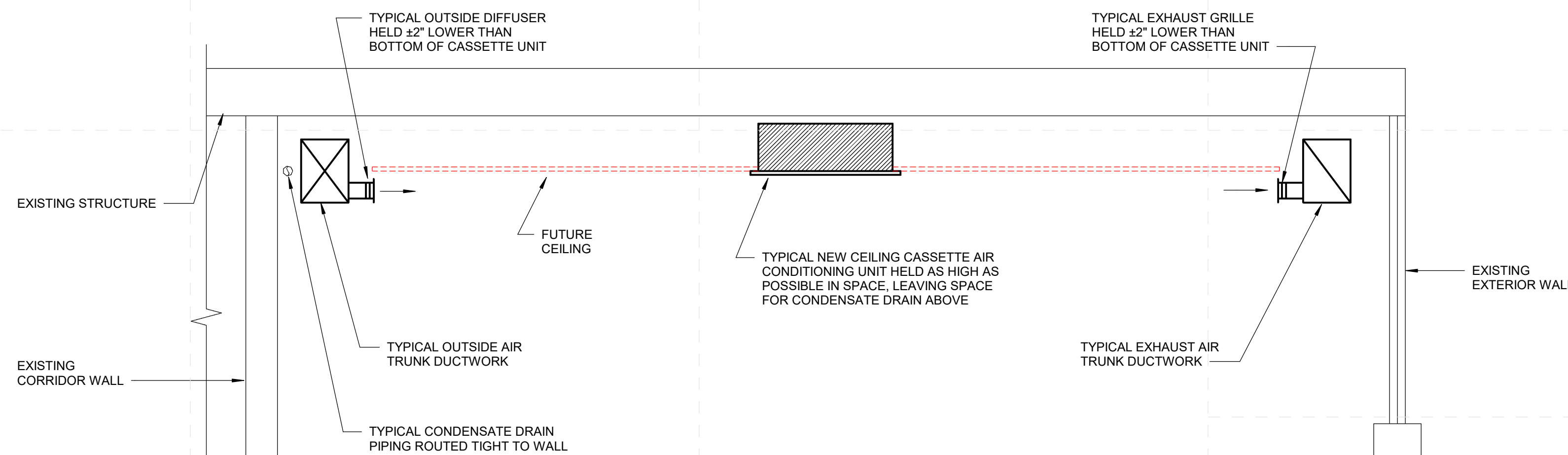
- 1. WHERE HVAC EQUIPMENT IS NOTED HEREIN TO BE DEMOLISHED, ALSO REMOVE ALL ASSOCIATED DUCTWORK, DIFFUSERS, CONTROLS, WIRING, HANGERS, ACCESSORIES, ETC. UNLESS NOTED OTHERWISE.
- 2. WHERE HVAC EQUIPMENT IS NOTED HEREIN TO BE REPLACED WITH NEW, EXISTING ASSOCIATED DUCTWORK, DIFFUSERS, HANGERS, ACCESSORIES, ETC. SHALL REMAIN.
- 3. WHERE DIRECTED TO CAP SERVICES AS NOTED HEREIN, CAP ALL PIPING ASSOCIATED WITH DEMOLISHED FIXTURE IN WALL, ABOVE CEILING OR BELOW FLOOR AS REQUIRED FOR FINISHED APPEARANCE. DISCONNECT AND REMOVE ALL PIPING NOT UTILIZED IN NEW SCOPE OF WORK.
- 4. PATCH AND REPAIR ALL AREAS AFFECTED TO MATCH ADJACENT OR AS DIRECTED/APPROVED BY ARCHITECT. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, WALL REPAIR, CONCRETE REPAIR, PAINTING, ETC. COORDINATE FINISHES WITH ARCHITECTURAL DRAWINGS.
- 5. ALL REMOVED HVAC EQUIPMENT SHALL BE OFFERED TO OWNER. THOSE NOT ACCEPTED BY OWNER SHALL BE DISPOSED OF OFF SITE PER LOCAL CODES AND ORDINANCES. ALL OTHER DEMOLISHED MECHANICALLY RELATED MATERIALS SHALL BE DISPOSED OF SIMILARLY.

GENERAL PLUMBING DEMOLITION NOTES:

- 1. WHERE PLUMBING FIXTURES ARE NOTED HEREIN TO BE DEMOLISHED, ALSO REMOVE ALL ASSOCIATED PIPING, ACCESSORIES, TRIM, HANGERS, ETC. UNLESS NOTED OTHERWISE.
- 2. WHERE PLUMBING FIXTURES ARE NOTED HEREIN TO BE REPLACED WITH NEW, EXISTING ASSOCIATED PIPING, ACCESSORIES, ETC. SHALL REMAIN.
- 3. WHERE DIRECTED TO CAP SERVICES AS NOTED HEREIN, CAP ALL PIPING ASSOCIATED WITH DEMOLISHED FIXTURE IN WALL, ABOVE CEILING OR BELOW FLOOR AS REQUIRED FOR FINISHED APPEARANCE. DISCONNECT AND REMOVE ALL PIPING NOT UTILIZED IN NEW SCOPE OF WORK.
- 4. PATCH AND REPAIR ALL AREAS AFFECTED TO MATCH ADJACENT OR AS DIRECTED/APPROVED BY ARCHITECT. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, WALL REPAIR, CONCRETE REPAIR, PAINTING, ETC. COORDINATE FINISHES WITH ARCHITECTURAL DRAWINGS.
- 5. ALL REMOVED PLUMBING EQUIPMENT AND FIXTURES SHALL BE OFFERED TO OWNER. THOSE NOT ACCEPTED BY OWNER SHALL BE DISPOSED OF OFF SITE PER LOCAL CODES AND ORDINANCES. ALL OTHER DEMOLISHED MECHANICALLY RELATED MATERIALS SHALL BE DISPOSED OF SIMILARLY.
- 6. PIPING LOCATED IN WALLS TO REMAIN, OR BELOW SLAB/FLOOR, THAT DOES NOT CONFLICT WITH NEW WORK, MAY REMAIN AND BE CAPPED FOR CONCEALMENT AND DISCONNECTED FROM ACTIVE SERVICE, ETC.
- 7. PROVIDE ANY TEMPORARY CONNECTIONS REQUIRED TO MAINTAIN PLUMBING SERVICES TO NEW AND EXISTING FIXTURES AND INSTALLATIONS BEING UTILIZED OUTSIDE THE AREA BEING RENOVATED.

GENERAL PLUMBING RENOVATION NOTES:

- 1. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT OF ALL FIXTURES AND DESIGNATION OF ADA COMPLIANT FIXTURES. VERIFY/COORDINATE EXISTING ROUGH-IN LOCATIONS AND MODIFY ACCORDINGLY TO MATCH NEW MOUNTING HEIGHTS AND ADA COMPLIANCE.
- 2. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL NEW AND EXISTING PLUMBING UTILITIES WITHIN THE SCOPE OF WORK. THE USE OF EXISTING DRAWINGS WHERE AVAILABLE AND SCHOOL MAINTENANCE PERSONNEL SHOULD BE UTILIZED IN LOCATING PIPING INSIDE THE BUILDING WHERE CONNECTIONS TO EXISTING ARE REQUIRED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RESEARCH LOCATION OF EXISTING UTILITIES AND EXISTING CONDITIONS.
- 3. IN ALL AREAS OF RENOVATION, UNLESS OTHERWISE INDICATED, EXISTING PLUMBING SERVICES SHALL BE MODIFIED AND EXTENDED IN CHASES, WALLS, BELOW SLAB/FLOOR AND/OR ABOVE CEILING AS REQUIRED TO CONNECT TO NEW PLUMBING FIXTURES AND/OR RECONNECT EXISTING PLUMBING FIXTURES WHERE INDICATED.
- 4. UNLESS OTHERWISE INDICATED, IN MULTI-FIXTURE PLUMBING BATTERIES, OPEN WALL, CONNECT TO AND MODIFY EXISTING NEARBY DOMESTIC WATER PIPING AND PROVIDE NEW FULL-SIZE WATER SERVICE PIPING HEADER IN CHASE OR ABOVE CEILING, ETC. WITH BRANCH PIPING CONNECTIONS TO INDIVIDUAL FIXTURES AS INDICATED ON PLUMBING FIXTURE ROUGH-IN SCHEDULE. PROVIDE NEW WATER HAMMER ARRESTORS FOR EACH GROUP OF FIXTURES PATCH AND REPAIR ALL AREAS AFFECTED AS DIRECTED/APPROVED BY ARCHITECT.
- 5. OPEN WALLS AND MODIFY EXISTING WATER PIPING AS NEW ADA WATER CLOSET INSTALLATIONS WHERE REQUIRED FOR NEW ADA COMPLIANT FLUSH VALVE INSTALLATION. PATCH AND REPAIR ALL AREAS AFFECTED AS DIRECTED/APPROVED BY ARCHITECT.
- 6. UNLESS OTHERWISE INDICATED, ALL NEW WALL MOUNTED FIXTURE (LAVATORIES, URINALS, DRINKING FOUNTAINS, ETC) SHALL BE PROVIDED WITH NEW FLOOR MOUNTED FIXTURE CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH AND REPAIR ALL AREAS AFFECTED AS DIRECTED/APPROVED BY ARCHITECT.
- 7. UNLESS OTHERWISE INDICATED, CONNECT TO EXISTING PLUMBING VENT THROUGH ROOF, REUTILIZING EXISTING ROOF PENETRATION. FIELD VERIFY LOCATION AND PROVIDE NEW FLASHING, COLLAR, ETC. AS REQUIRED.



Typical Section thru Classroom

N.T.S.

CODE REVIEW

DESIGN CODE: 2012 INTERNATIONAL CODE COUNCIL (ICC)

DRAWING INDEX - MECHANICAL

Table with 2 columns: Sheet Number and Sheet Name. Lists drawing sheets for various mechanical plans including general information, roof plans, demolition plans, and renovation plans for multiple schools.

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PRELIMINARY PRINT NOT FOR CONSTRUCTION DATE: 1/25/22

Sunflower Consolidated School District ESSER 2&3 Phase I

100% Construction Documents

Project No 21027
Date 2 February 2022
Revisions Rev Date

Table with 3 columns: Revisions, Rev, Date. Contains revision entries for the construction documents.

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GSK# 110-077

M-000

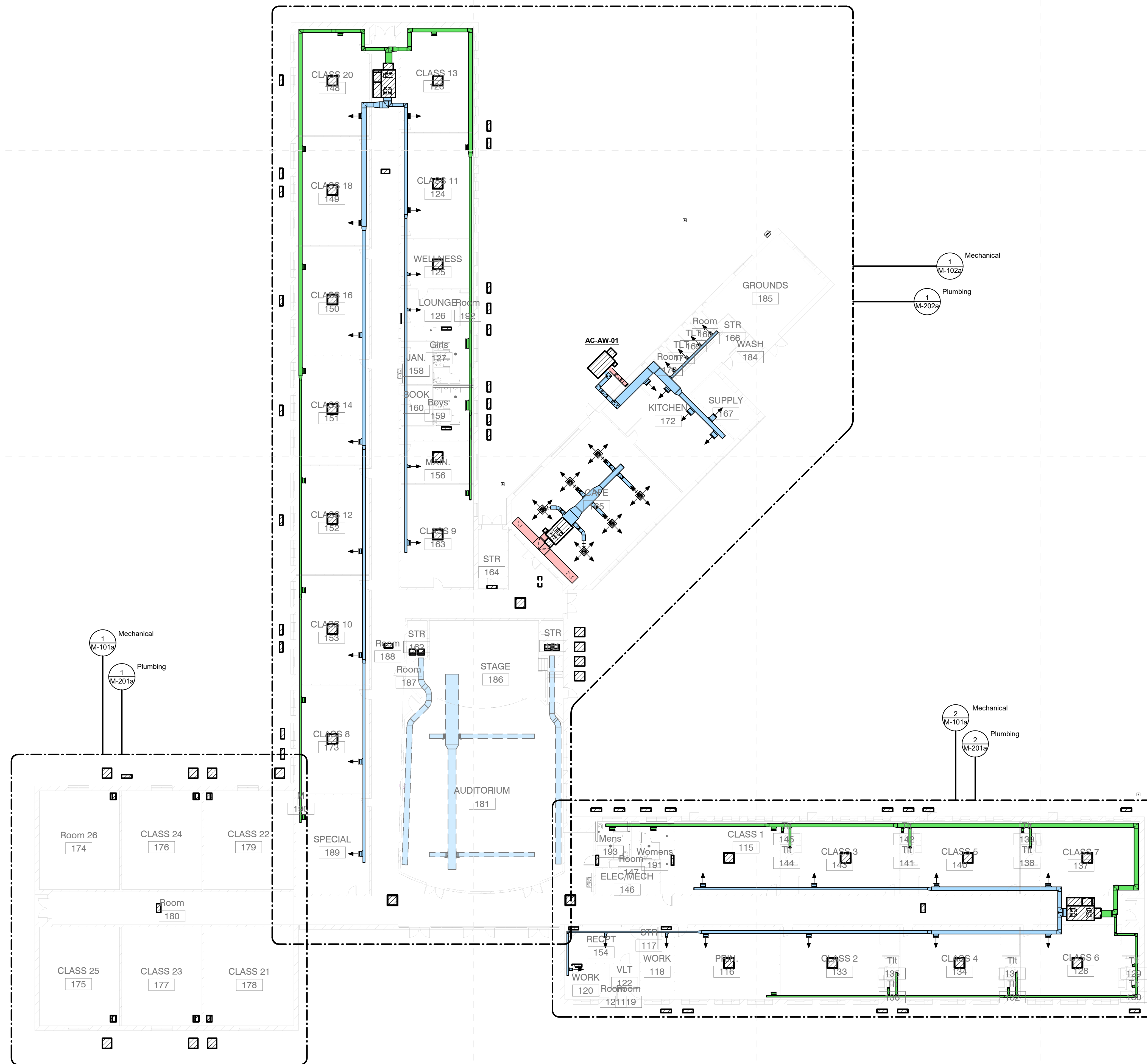
General Mechanical Information



Sunflower Consolidated School District ESSER 2&3 Phase I

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Project No	21027
Date	2 February 2022
Revisions	Rev Date



AW James Elementary - Overall Mechanical Plan
M-001a 1/16" = 1'-0"

SPECIFIC PLUMBING NOTES	
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIMEPAINT EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P7	ALL CONDENSATE AND GAS PIPING SHALL BE SUPPORTED PER ROOFTOP PIPING SUPPORT DETAIL AND SPECIFICATIONS.

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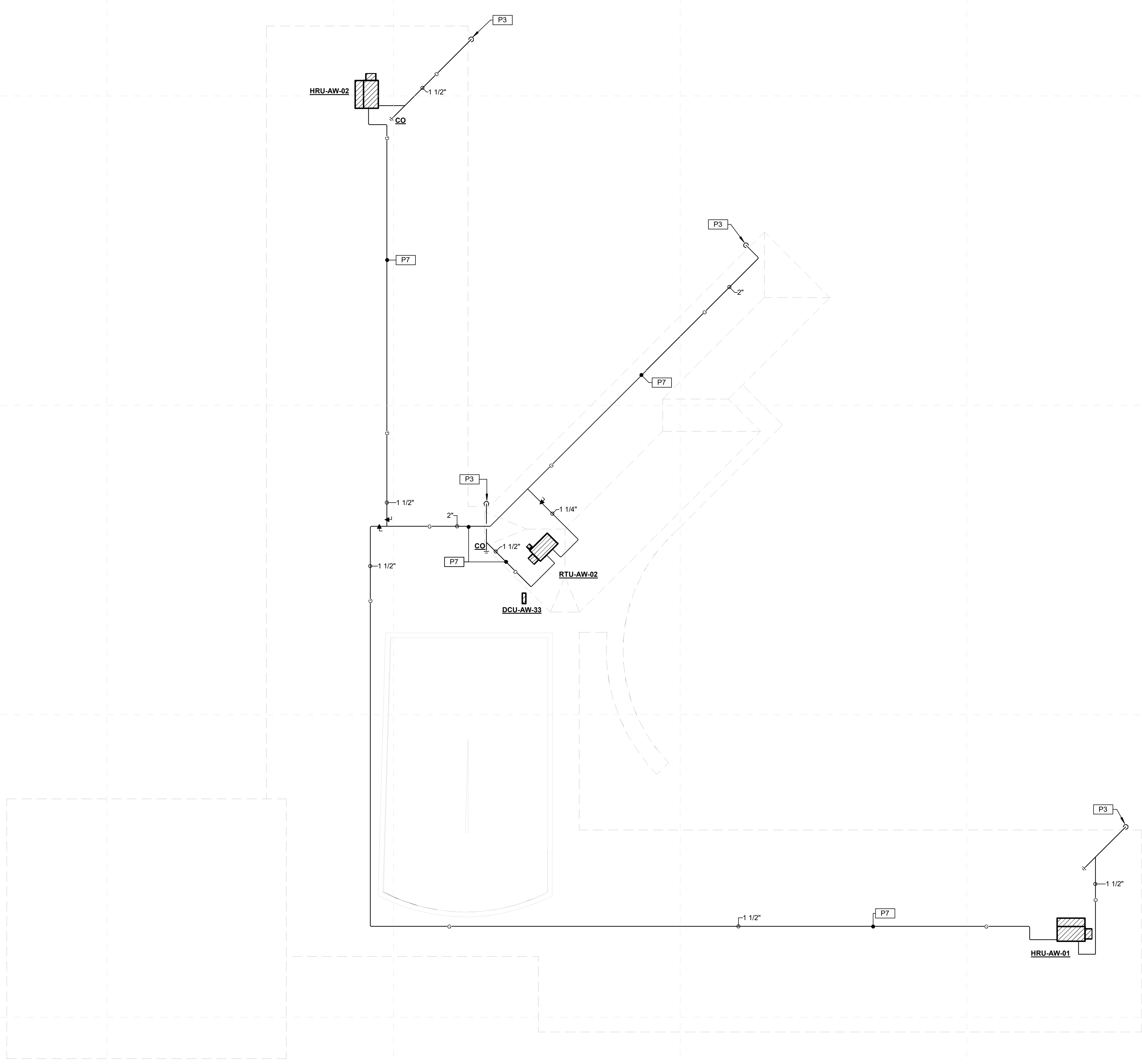
Sunflower Consolidated School District ESSER 2&3 Phase I

100% Construction Documents

Project No 21027
Date 2 February 2022

Revisions	Rev	Date

M-002a
AW James Elementary - Mechanical Roof Plan



AW James Elementary - Mechanical Roof Plan
1/16" = 1'-0"

SPECIFIC HVAC NOTES	
M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN "LINE-HIDE" ACCESSORIES. SEE DETAIL.
M4	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING TRUNK DUCT. RE-CONNECT EXISTING GAS SERVICE PIPING (WHERE APPLICABLE, WITH NEW UNION, GAS COCK AND DRIP LEG. CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT (IN SAME LOCATION AS EXISTING). EXISTING REFRIGERANT PIPING SIZES SHALL BE FIELD VERIFIED TO BE COMPATIBLE WITH NEW UNIT. IF COMPATIBLE, EXISTING PIPING TO BE CLEANED UTILIZING PIPE-WIPER (BY A-JACKS MANUFACTURING) AND FLUSHED WITH QUIK SYSTEM FLUSH BY MAINSTREAM ENGINEERING CORPORATION. SUBSEQUENTLY, EXISTING PIPING SHALL BE PRESSURE TESTED AND CLEANED AS REQUIRED FOR NEW INSTALLATION. IF NOT COMPATIBLE, EXISTING PIPING SHALL BE DEMOLISHED AND NEW REFRIGERANT PIPING PROVIDED. ROUTE NEW FLUE THROUGH ROOF OR SIDEWALL UTILIZING EXISTING OPENING. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTION.

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Architects

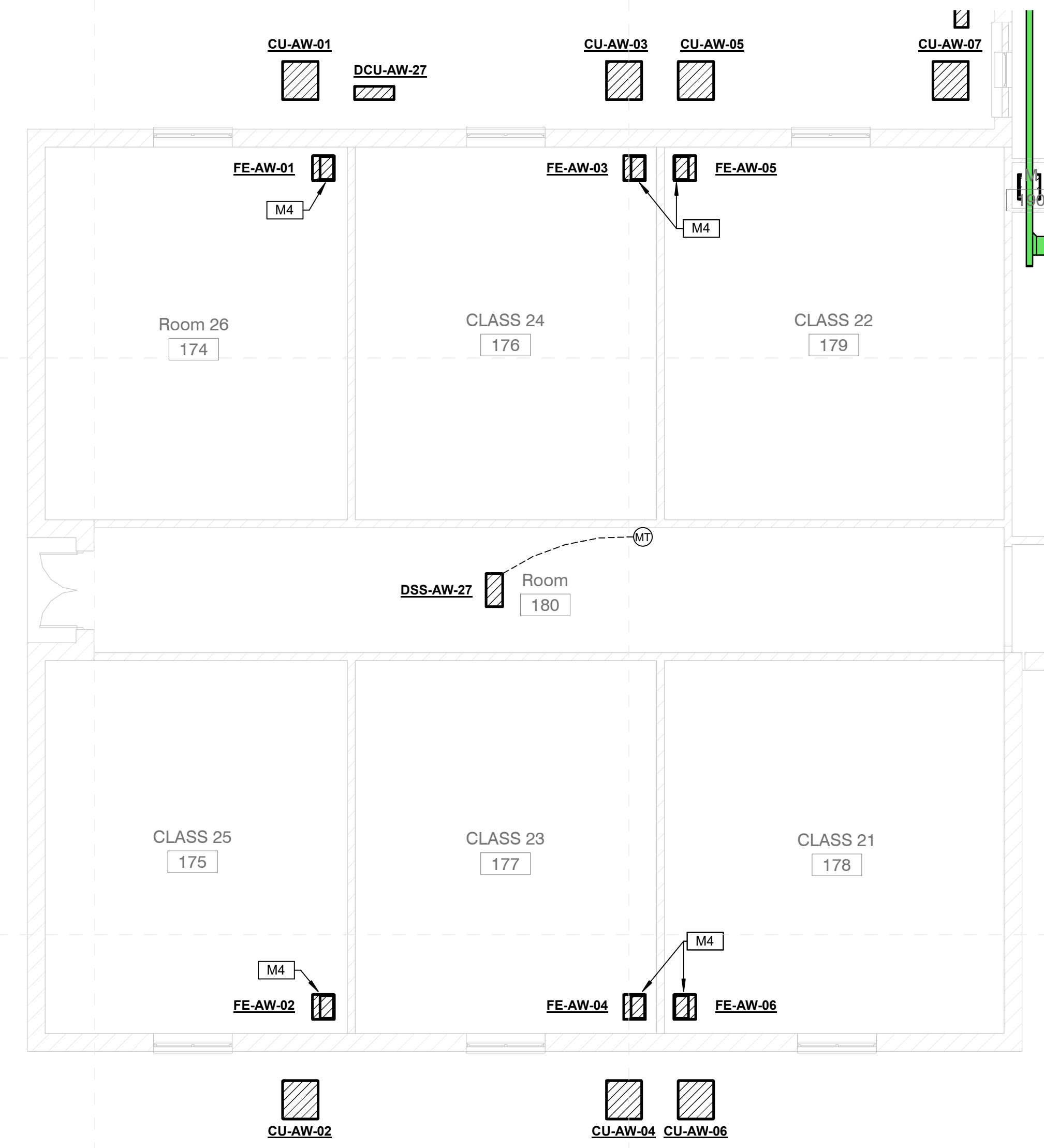
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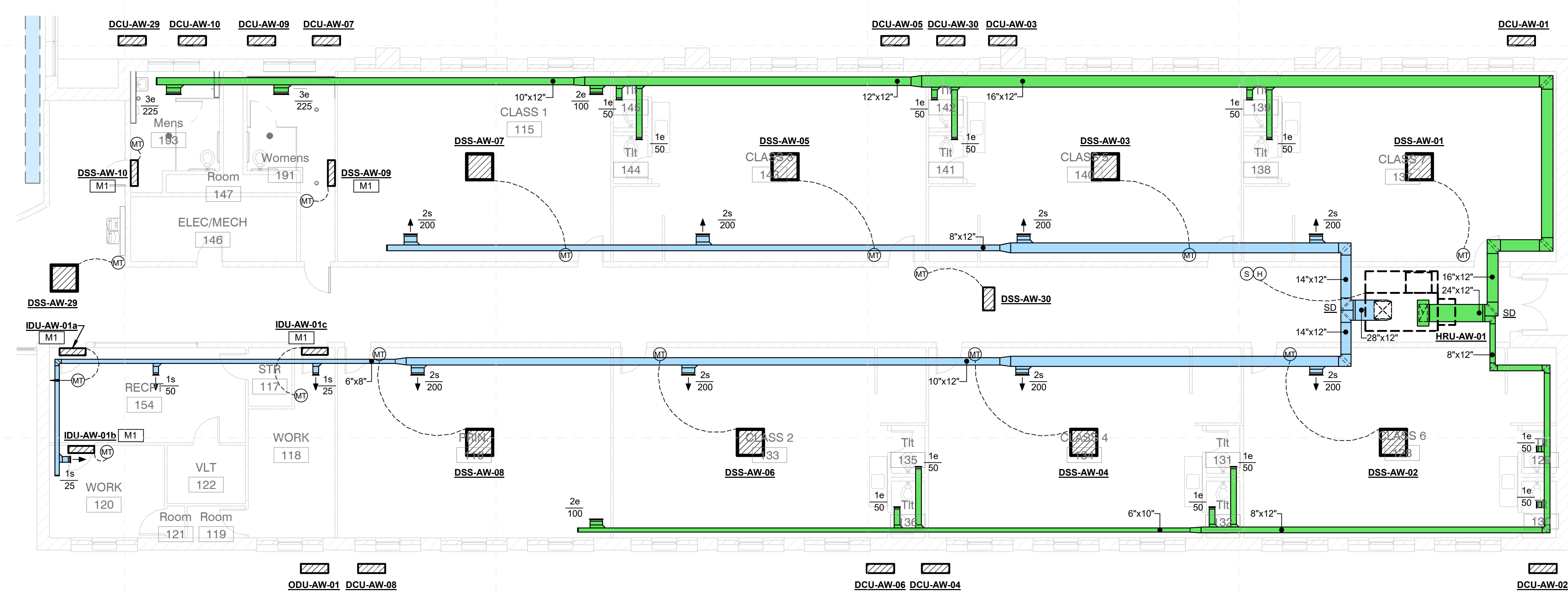
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1 AW James Elementary - Partial Mechanical Plan (1)
M-101a 1/8" = 1'-0"



2 AW James Elementary - Partial Mechanical Plan (2)
M-101a 1/8" = 1'-0"

Sunflower Consolidated School District ESSER 2&3 Phase I

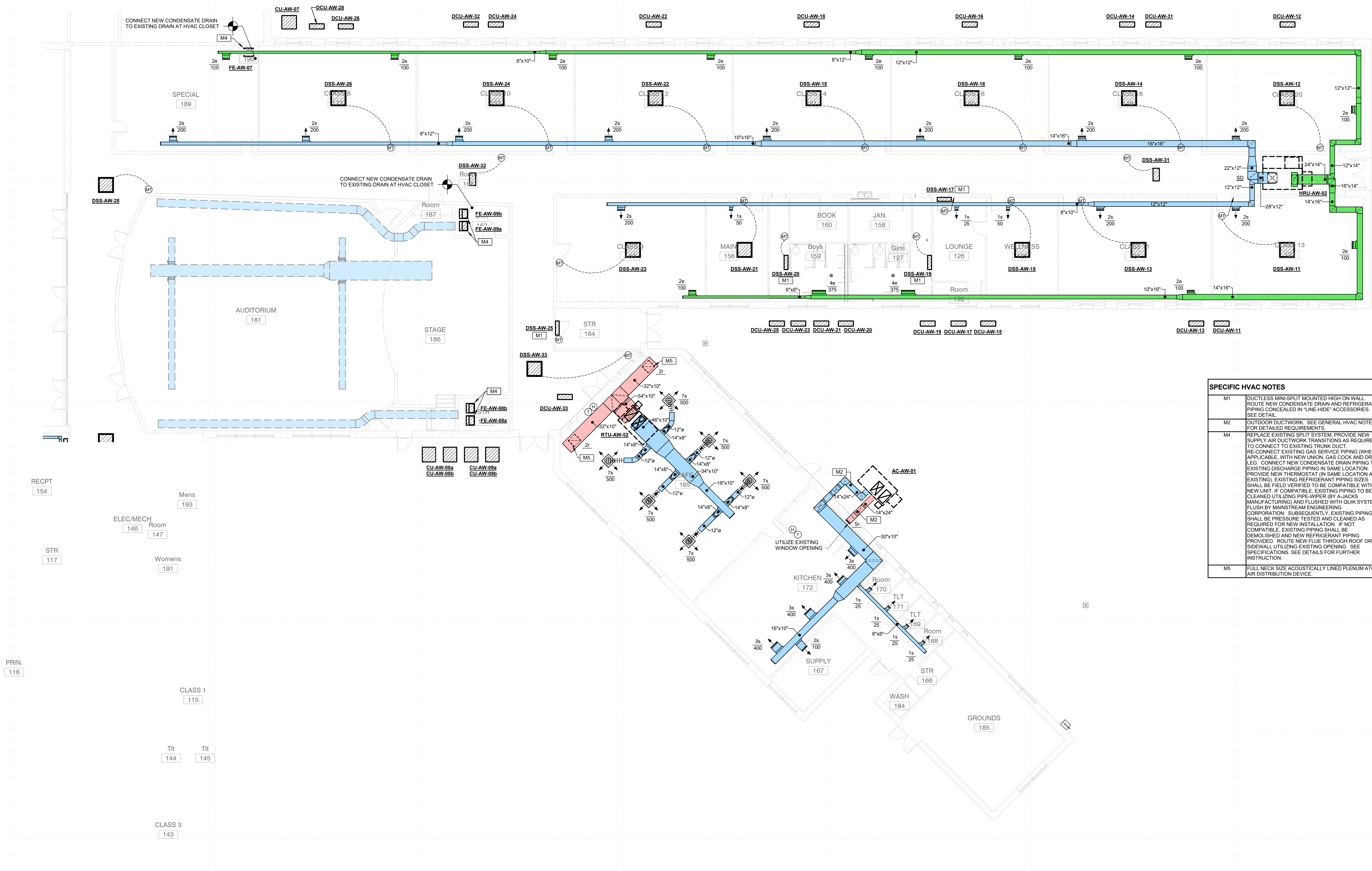
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Construction Documents

Project No 21027
Date 2 February 2022
Revisions Rev Date

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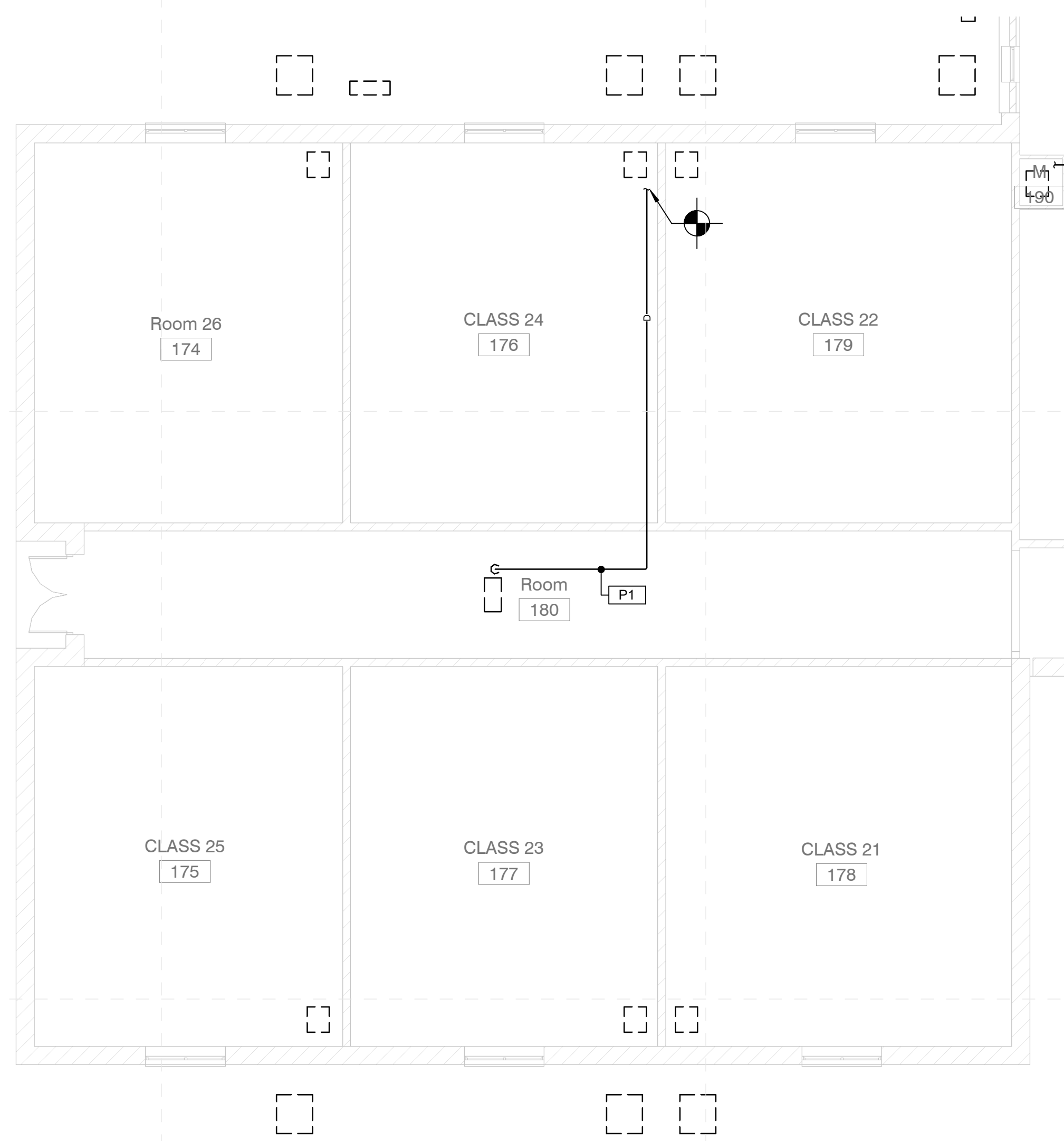
M-101a
AW James Elementary -
Partial Mechanical Plans



SPECIFIC HVAC NOTES

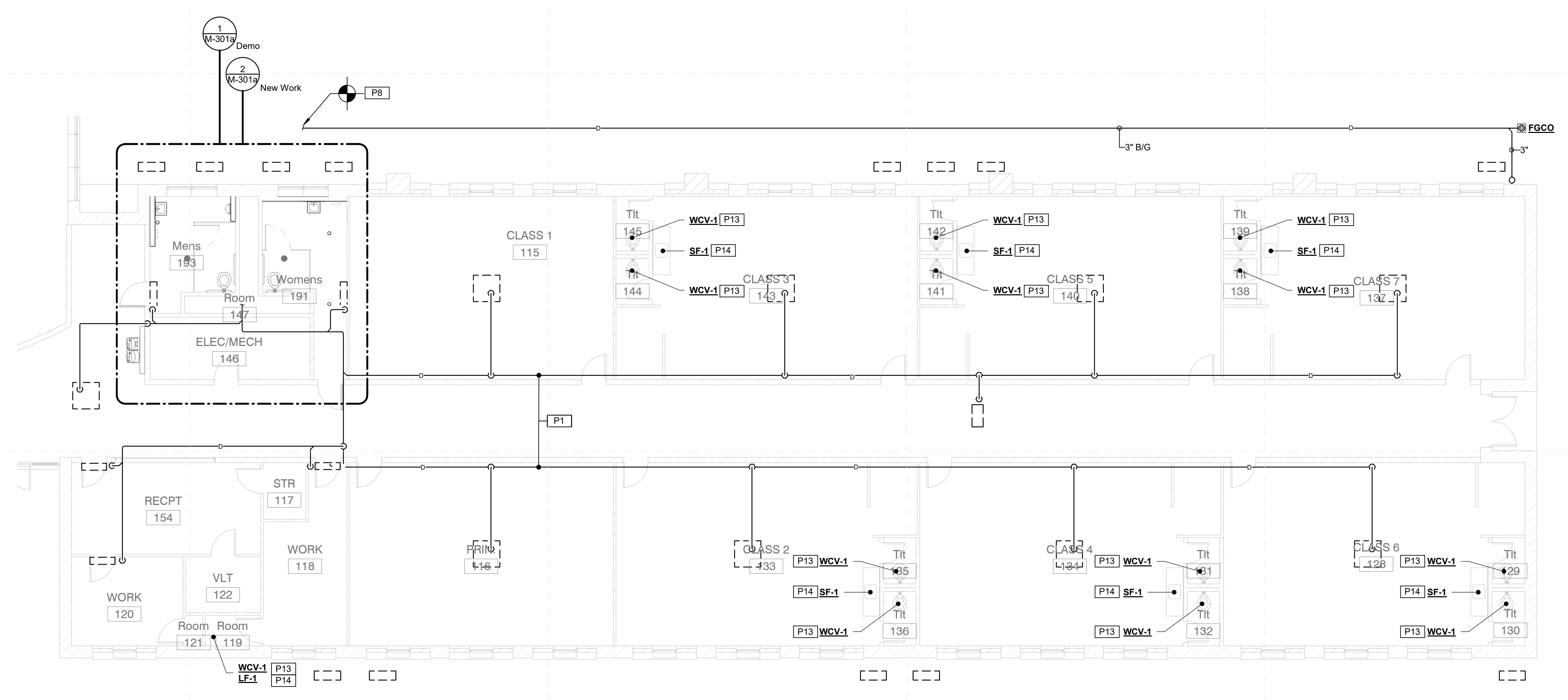
M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN "LINE-HIDE" ACCESSORIES. SEE DETAIL.
M2	OUTDOOR DUCTWORK. SEE GENERAL HVAC NOTES FOR DETAILED REQUIREMENTS.
M4	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING TRUNK DUCT. RE-CONNECT EXISTING GAS SERVICE PIPING (WHERE APPLICABLE, WITH NEW UNION, GAS COCK AND DRIP LEG). CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT (IN SAME LOCATION AS EXISTING). EXISTING REFRIGERANT PIPING SIZES SHALL BE FIELD VERIFIED TO BE COMPATIBLE WITH NEW UNIT. IF COMPATIBLE, EXISTING PIPING TO BE CLEANED UTILIZING PIPE-WIPER (BY A-JACKS MANUFACTURING) AND FLUSHED WITH QUIK SYSTEM FLUSH BY MAINSTREAM ENGINEERING CORPORATION. SUBSEQUENTLY, EXISTING PIPING SHALL BE PRESSURE TESTED AND CLEANED AS REQUIRED FOR NEW INSTALLATION. IF NOT COMPATIBLE, EXISTING PIPING SHALL BE DEMOLISHED AND NEW REFRIGERANT PIPING PROVIDED. ROUTE NEW FLUE THROUGH ROOF OR SIDEWALL UTILIZING EXISTING OPENING. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTION.
M5	FULL NECK SIZE ACOUSTICALLY LINED PLENUM ATOP AIR DISTRIBUTION DEVICE.

AW James Elementary - Partial Mechanical Plan (3)
1
M-102a
1/8" = 1'-0"



1
M-201a
1/8" = 1'-0"

AW James Elementary - Partial Plumbing Plan (1)



2
M-201a
1/8" = 1'-0"

AW James Elementary - Partial Plumbing Plan (2)

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 30'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P8	CONNECT TO EXISTING DRAINAGE PIPING AT APPROXIMATELY THIS LOCATION. FIELD VERIFY LOCATION, SIZE AND INVERT PRIOR TO COMMENCING WITH WORK.
P13	REPLACE EXISTING WATER CLOSET/URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET, SUPPLIES, STOPS, TRAPS AND TAILPIECES.

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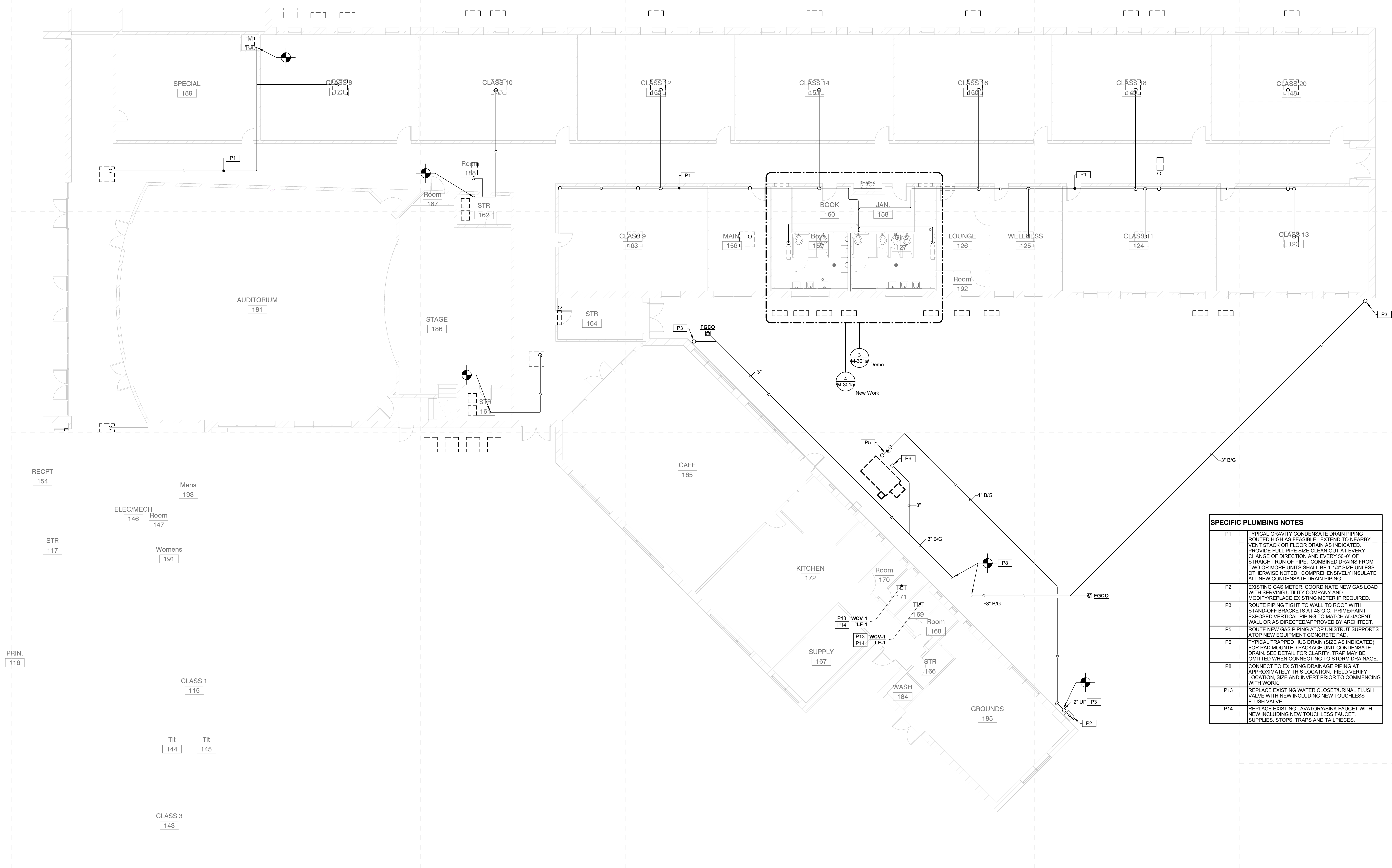
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M-201a

AW James Elementary - Partial Plumbing Plans

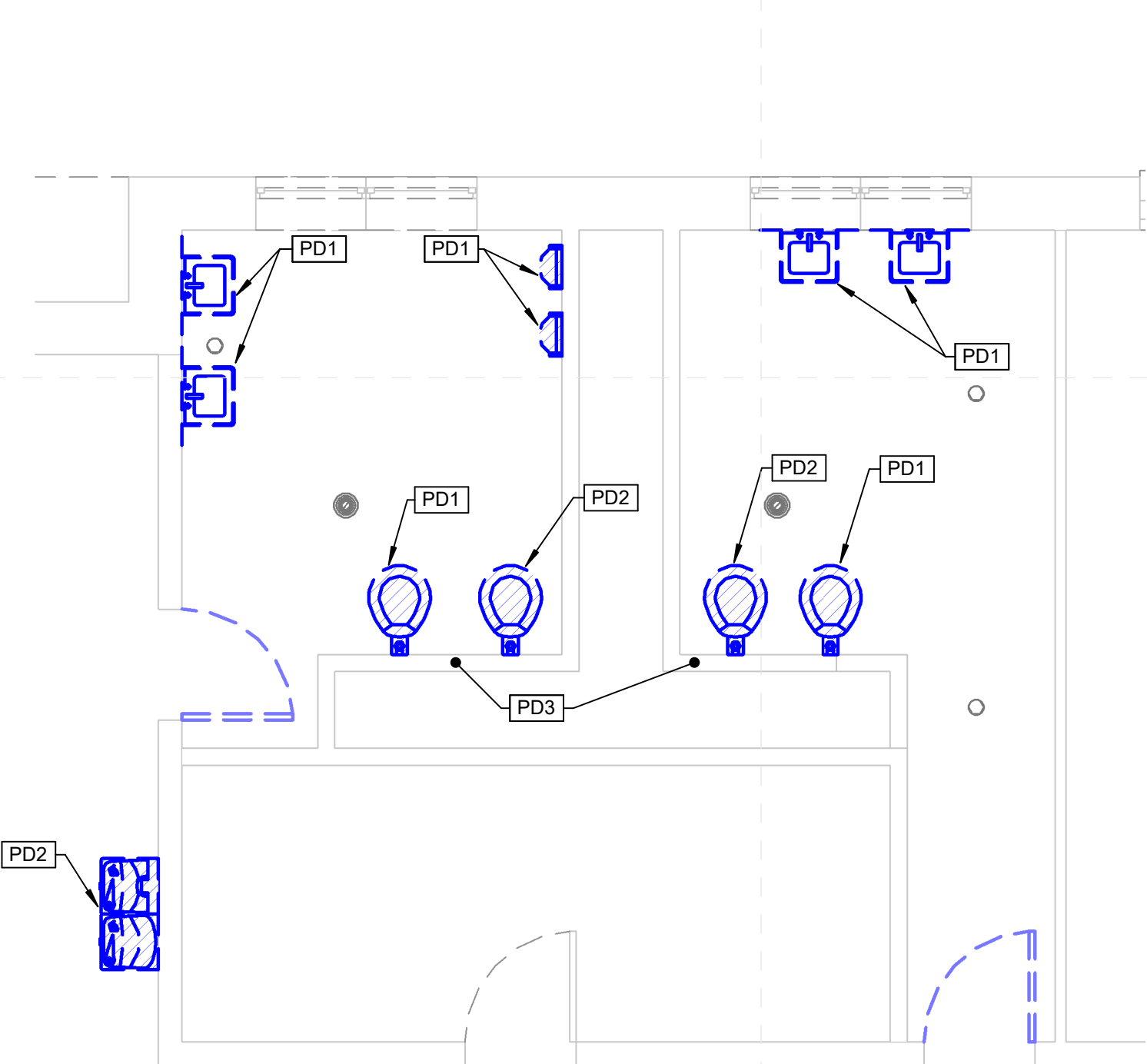


SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P2	EXISTING GAS METER. COORDINATE NEW GAS LOAD WITH SERVING UTILITY COMPANY AND MODIFY/REPLACE EXISTING METER IF REQUIRED.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O. PRIME/PAIN EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT
P5	ROUTE NEW GAS PIPING ATOP UNISTRUT SUPPORTS ATOP NEW EQUIPMENT CONCRETE PAD.
P6	TYPICAL TRAPPED HUB DRAIN (SIZE AS INDICATED) FOR PAD MOUNTED PACKAGE UNIT CONDENSATE DRAIN. SEE DETAIL FOR CLARITY. TRAP MAY BE OMITTED WHEN CONNECTING TO STORM DRAINAGE.
P8	CONNECT TO EXISTING DRAINAGE PIPING AT APPROXIMATELY THIS LOCATION. FIELD VERIFY LOCATION, SIZE AND INVERT PRIOR TO COMMENCING WITH WORK.
P13	REPLACE EXISTING WATER CLOSET JOURNAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET SUPPLIES, STOPS, TRAPS AND TAILPIECES.

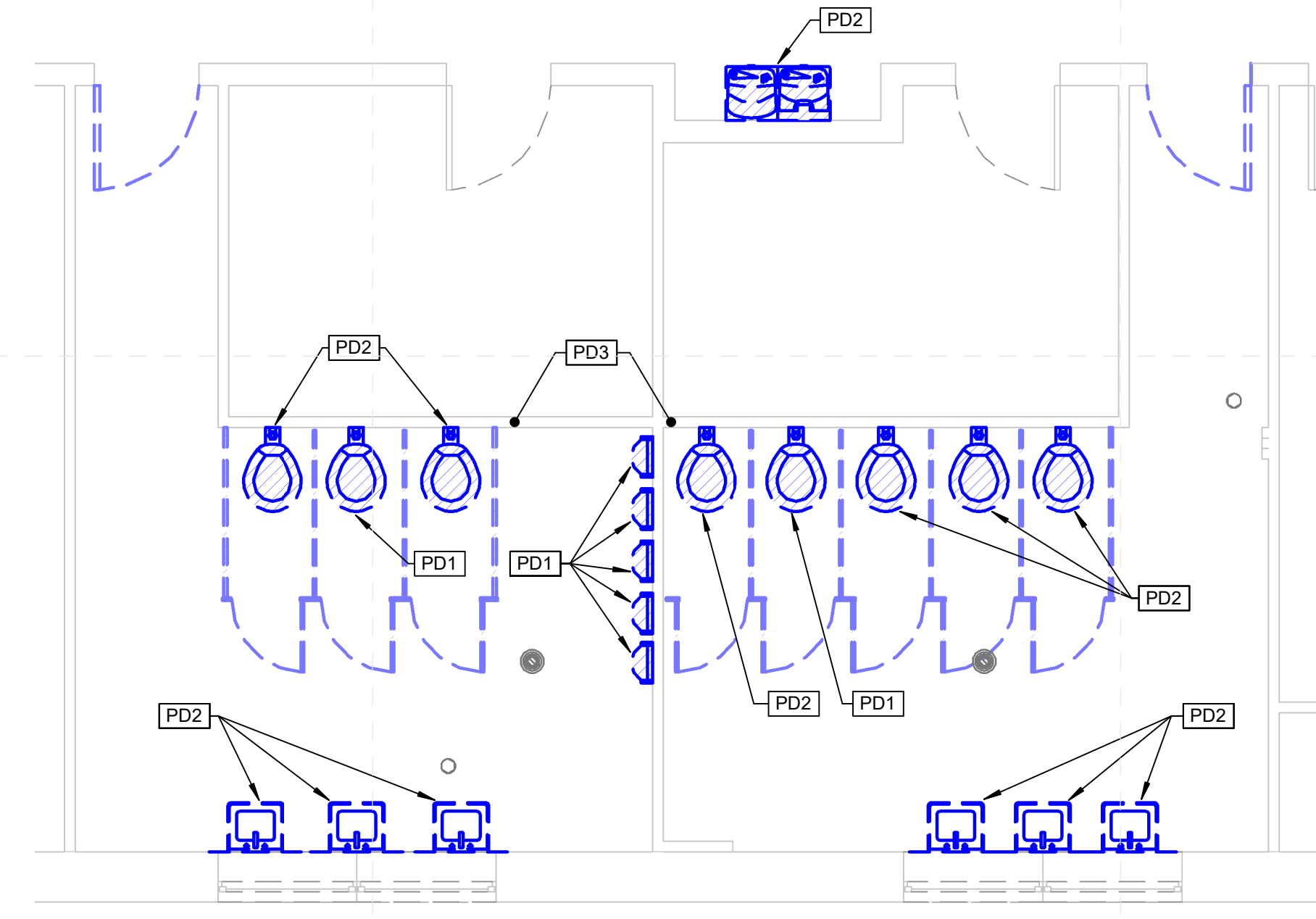
AW James Elementary - Partial Plumbing Plan (3)
1 M-202a 1/8" = 1'-0"

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.
PD3	OPEN EXISTING WALLCHASE FOR NEW PLUMBING INSTALLATIONS.

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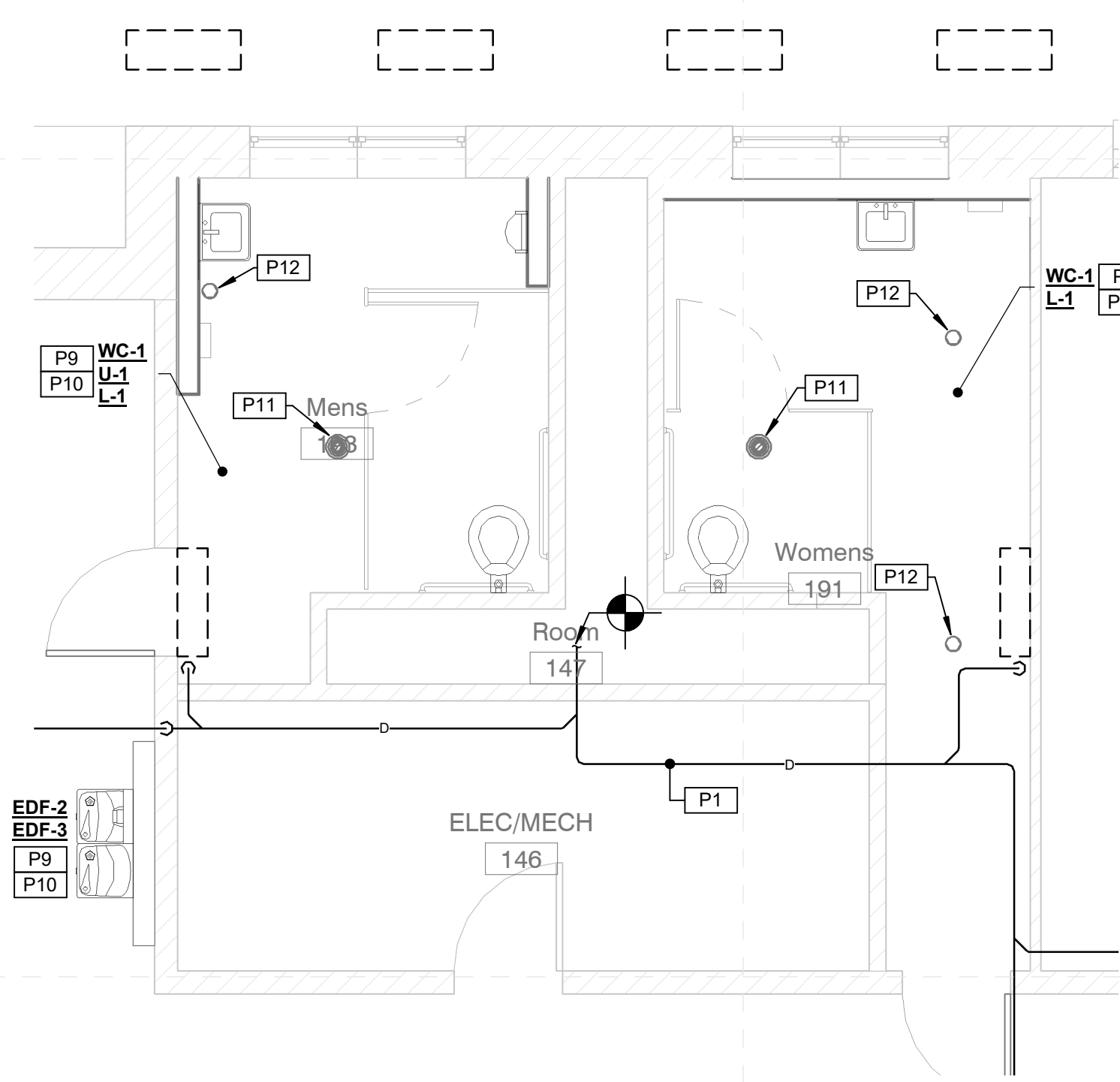


AW James Elementary - Enlarged Plumbing Demo Plan (1)
1
M-301a 1/4" = 1'-0"

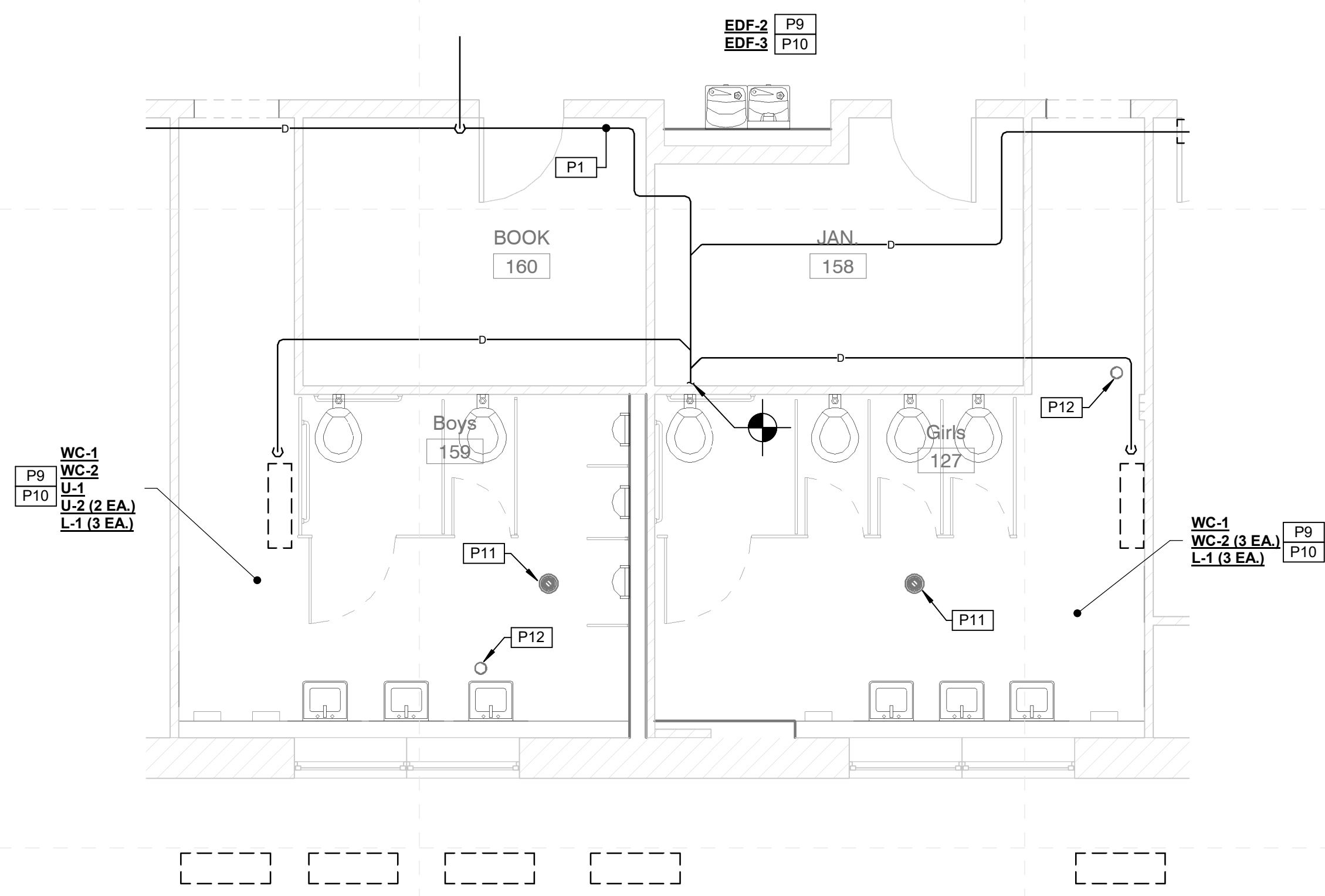


AW James Elementary - Enlarged Plumbing Demo Plan (2)
3
M-301a 1/4" = 1'-0"

GENERAL PLUMBING NOTE:
SEE SHEET M-000 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.



AW James Elementary - Enlarged Plumbing New Work Plan (1)
2
M-301a 1/4" = 1'-0"



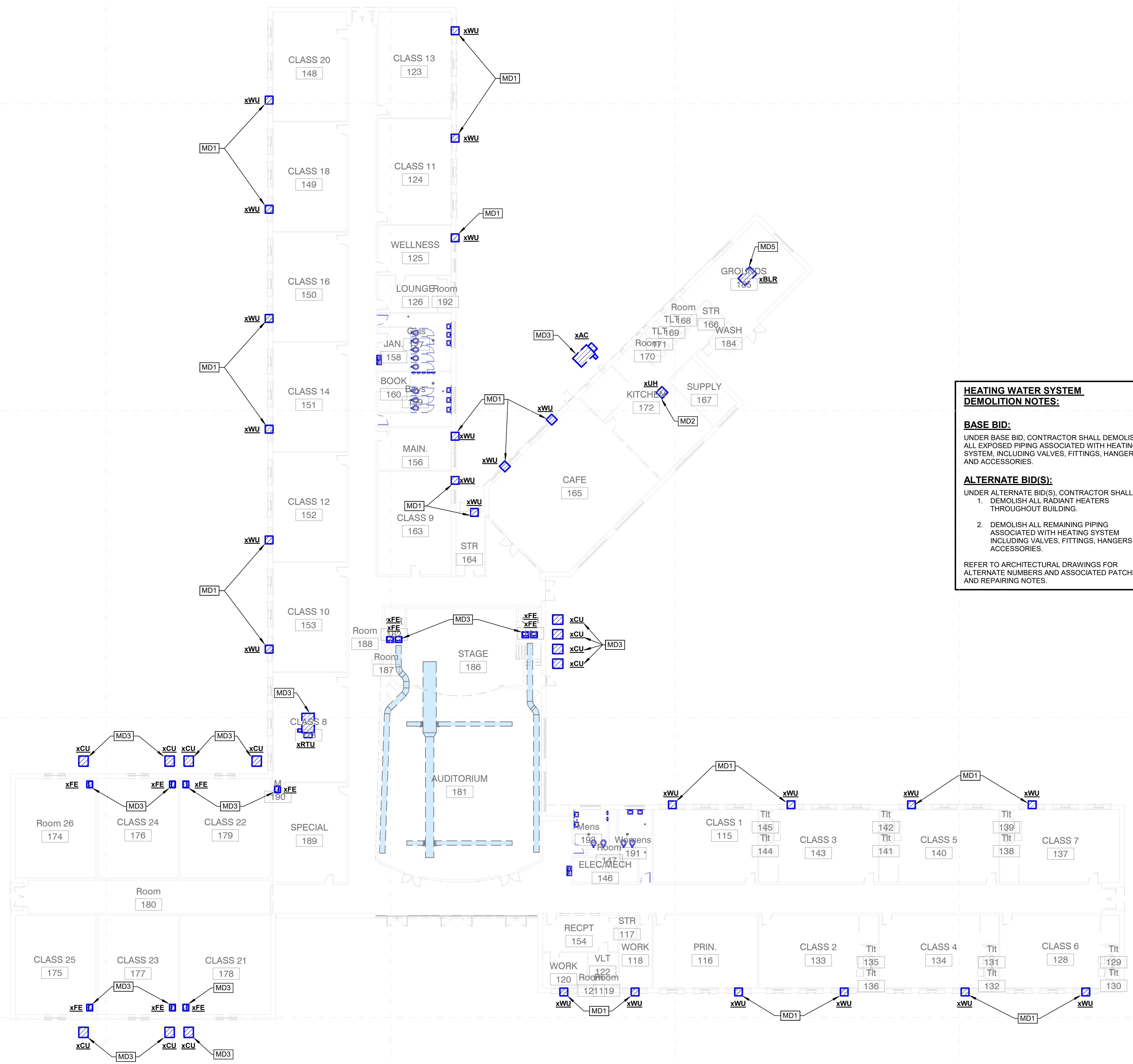
AW James Elementary - Enlarged Plumbing New Work Plan (2)
4
M-301a 1/4" = 1'-0"

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING CLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.

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SPECIFIC HVAC DEMOLITION NOTES	
MD1	DEMOLISH EXISTING WINDOW UNIT. REFER TO ARCHITECTURAL DRAWINGS FOR WINDOW/WALL INFILL.
MD2	DEMOLISH EXISTING HEATER AS INDICATED. EXISTING FLOE THROUGH ROOF TO BE CAPPED PER DETAIL WHERE APPLICABLE.
MD3	REPLACE EXISTING AIR CONDITIONING EQUIPMENT WITH NEW IN SAME LOCATION.
MD5	DEMOLISH EXISTING BOILER, PUMPS AND HEATING WATER PIPING AFTER NEW SYSTEMS ARE INSTALLED AND OPERATIONAL.



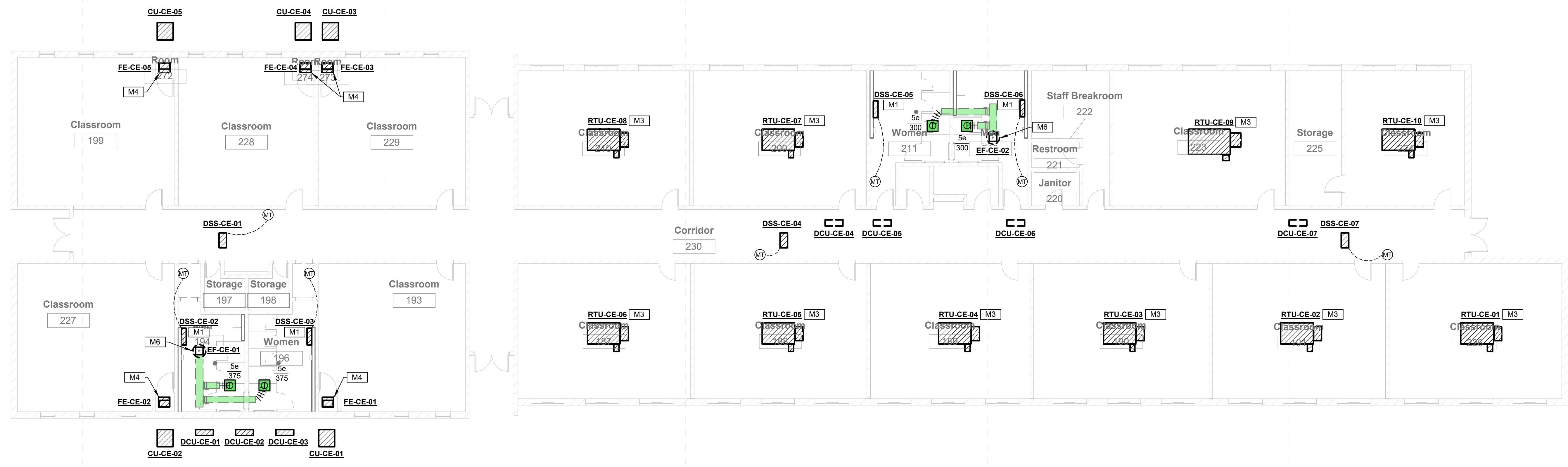
HEATING WATER SYSTEM DEMOLITION NOTES:

BASE BID:
UNDER BASE BID, CONTRACTOR SHALL DEMOLISH ALL EXPOSED PIPING ASSOCIATED WITH HEATING SYSTEM, INCLUDING VALVES, FITTINGS, HANGERS AND ACCESSORIES.

ALTERNATE BID(S):
UNDER ALTERNATE BID(S), CONTRACTOR SHALL:
1. DEMOLISH ALL RADIANT HEATERS THROUGHOUT BUILDING.
2. DEMOLISH ALL REMAINING PIPING ASSOCIATED WITH HEATING SYSTEM INCLUDING VALVES, FITTINGS, HANGERS AND ACCESSORIES.

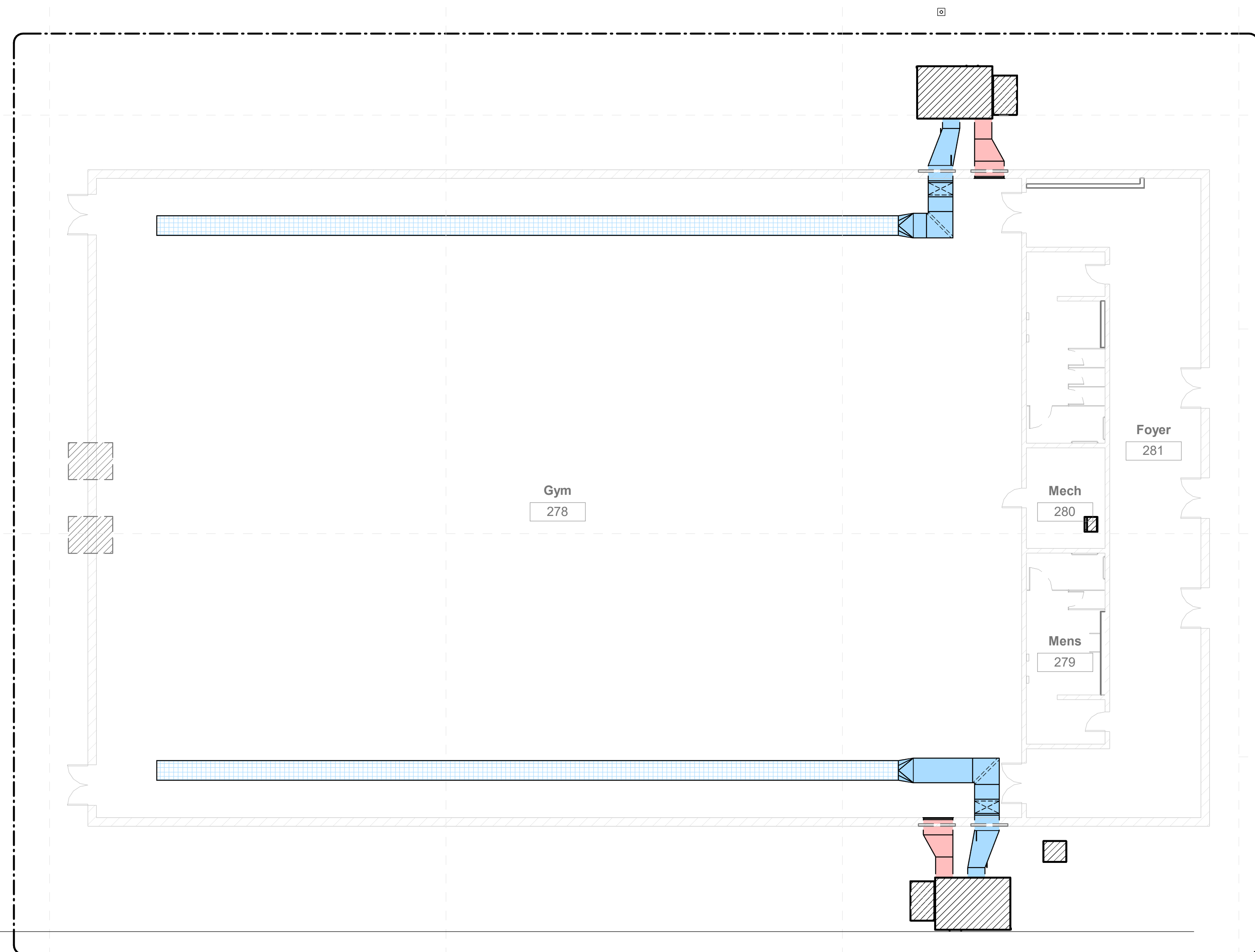
REFER TO ARCHITECTURAL DRAWINGS FOR ALTERNATE NUMBERS AND ASSOCIATED PATCHING AND REPAIRING NOTES.

AW James Elementary - Overall Mechanical Demolition Plan
1/16" = 1'-0"



SPECIFIC HVAC NOTES	
M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN "LINE-HIDE" ACCESSORIES. SEE DETAIL.
M3	REPLACE EXISTING ROOFTOP UNIT. PROVIDE NEW DUCTWORK TRANSITIONS AS REQUIRED TO RE-CONNECT TO EXISTING DUCT. INSTALL ON EXISTING ROOF CURB WHERE UNIT WAS REMOVED UTILIZING ADAPTA-CURBS. REPLACE EXISTING CONDENSATE DRAIN PIPING WITH NEW (SIZE TO MATCH EXISTING) AND ROUTE TO SAME DISCHARGE OUTLET WITH NEW SUPPORT. CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT IN SAME LOCATION AS EXISTING. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTIONS.
M4	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING TRUNK DUCT. RE-CONNECT EXISTING GAS SERVICE PIPING (WHERE APPLICABLE) WITH NEW UNION, GAS COCK AND DRIP LEG. CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT IN SAME LOCATION AS EXISTING. EXISTING REFRIGERANT PIPING SIZES SHALL BE FIELD VERIFIED TO BE COMPATIBLE WITH NEW UNIT. IF COMPATIBLE, EXISTING PIPING TO BE CLEANED UTILIZING PIPE-WIPER (BY A-JACKS MANUFACTURING) AND FLUSHED WITH QUIK SYSTEM FLUSH BY MAINSTREAM ENGINEERING CORPORATION. SUBSEQUENTLY, EXISTING PIPING SHALL BE PRESSURE TESTED AND CLEANED AS REQUIRED FOR NEW INSTALLATION. IF NOT COMPATIBLE, EXISTING PIPING SHALL BE DEMOLISHED AND NEW REFRIGERANT PIPING PROVIDED. ROUTE NEW FLUE THROUGH ROOF OR SIDEWALL UTILIZING EXISTING OPENING. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTION.
M6	NEW EXHAUST FAN TO REPLACE EXISTING. PROVIDE NEW EXHAUST AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING SYSTEM. PROVIDE NEW CEILING MOUNTED E/A REGISTERS AND BALANCE TO AIR FLOW QUANTITIES INDICATED ON DRAWINGS.

2 M-001b Carver Elementary - Overall Mechanical Plan (East) 1" = 10'-0"



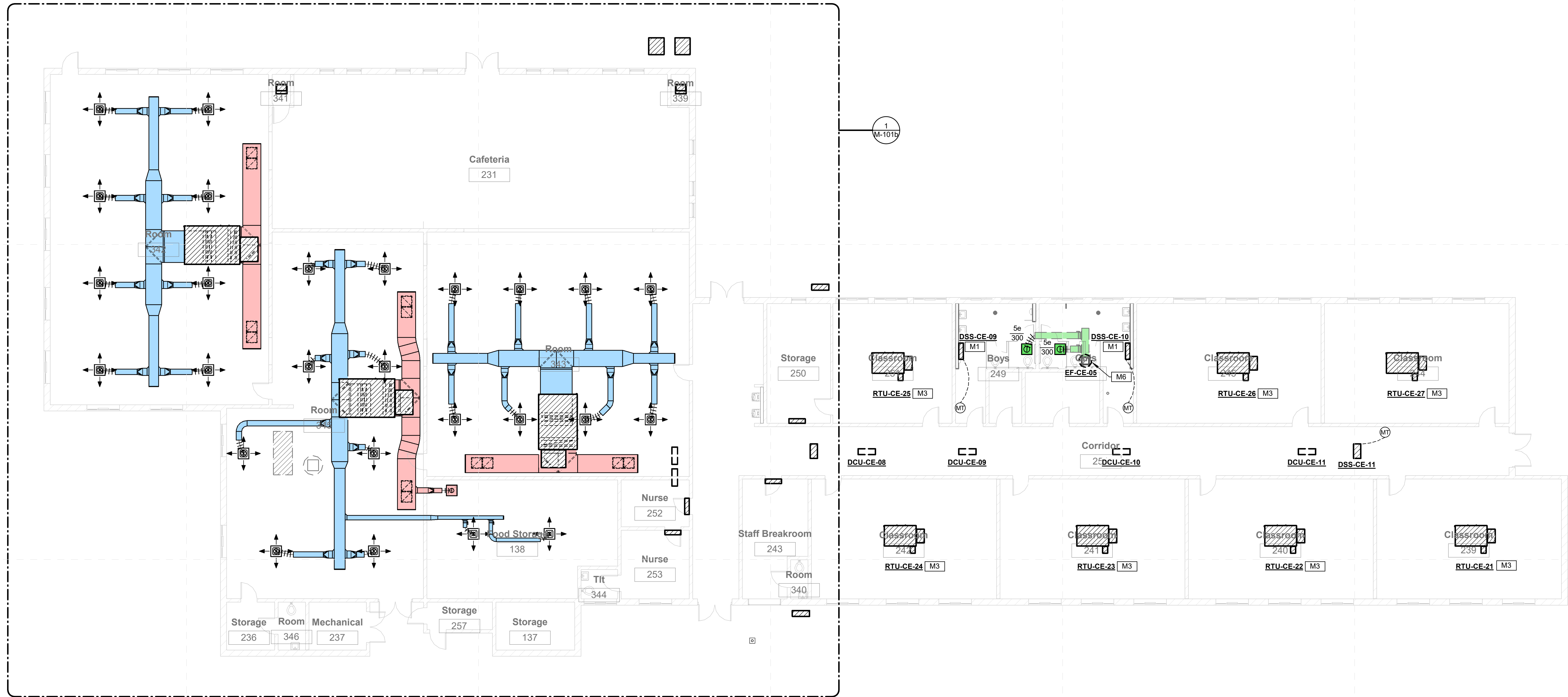
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M-001b
Carver Elementary -
Overall Mechanical Plan
(East)



SPECIFIC HVAC NOTES	
M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN 'LINE-HIDE' ACCESSORIES. SEE DETAIL.
M3	REPLACE EXISTING ROOFTOP UNIT. PROVIDE NEW DUCTWORK TRANSITIONS AS REQUIRED TO RE-CONNECT TO EXISTING DUCT. INSTALL ON EXISTING ROOF CURB WHERE UNIT WAS REMOVED UTILIZING ADAPT-A-CURB. REPLACE EXISTING CONDENSATE DRAIN PIPING WITH NEW (SIZE TO MATCH EXISTING) AND ROUTE TO SAME DISCHARGE OUTLET WITH NEW SUPPORT. CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT (IN SAME LOCATION AS EXISTING). SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTIONS.
M4	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING TRUNK DUCT. RE-CONNECT EXISTING GAS SERVICE PIPING (WHERE APPLICABLE, WITH NEW UNION, GAS COCK AND DRIP LEG. CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT (IN SAME LOCATION AS EXISTING). EXISTING REFRIGERANT PIPING SIZES SHALL BE FIELD VERIFIED TO BE COMPATIBLE WITH NEW UNIT. IF COMPATIBLE, EXISTING PIPING TO BE CLEANED UTILIZING PIPE-WIPER (BY A-JACKS MANUFACTURING) AND FLUSHED WITH QUIK SYSTEM FLUSH BY MAINSTREAM ENGINEERING CORPORATION. SUBSEQUENTLY, EXISTING PIPING SHALL BE PRESSURE TESTED AND CLEANED AS REQUIRED FOR NEW INSTALLATION. IF NOT COMPATIBLE, EXISTING PIPING SHALL BE DEMOLISHED AND NEW REFRIGERANT PIPING PROVIDED. ROUTE NEW FLUE THROUGH ROOF OR SIDEWALL UTILIZING EXISTING OPENING. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTION.
M6	NEW EXHAUST FAN TO REPLACE EXISTING. PROVIDE NEW EXHAUST AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING SYSTEM. PROVIDE NEW CEILING MOUNTED EA REGISTERS AND BALANCE TO AIR-FLOW QUANTITIES INDICATED ON DRAWINGS.

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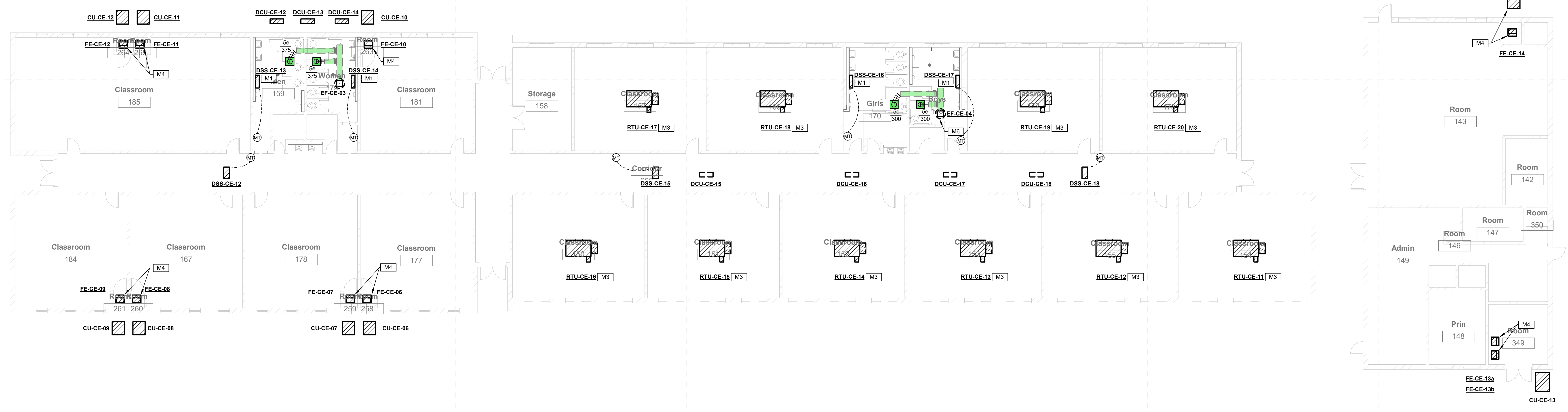
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Carver Elementary - Overall Mechanical Plan (West)
1 M-002b 1" = 10'-0"

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GSK
MECHANICAL
Consulting Engineering

201 Park Court Suite A11 Ridgeland, MS 39157
P: 601.905.2929 F: 601.905.3111
www.gskmech.com

GSK#: 110-077

M-002b
Carver Elementary - Overall Mechanical Plan (West)

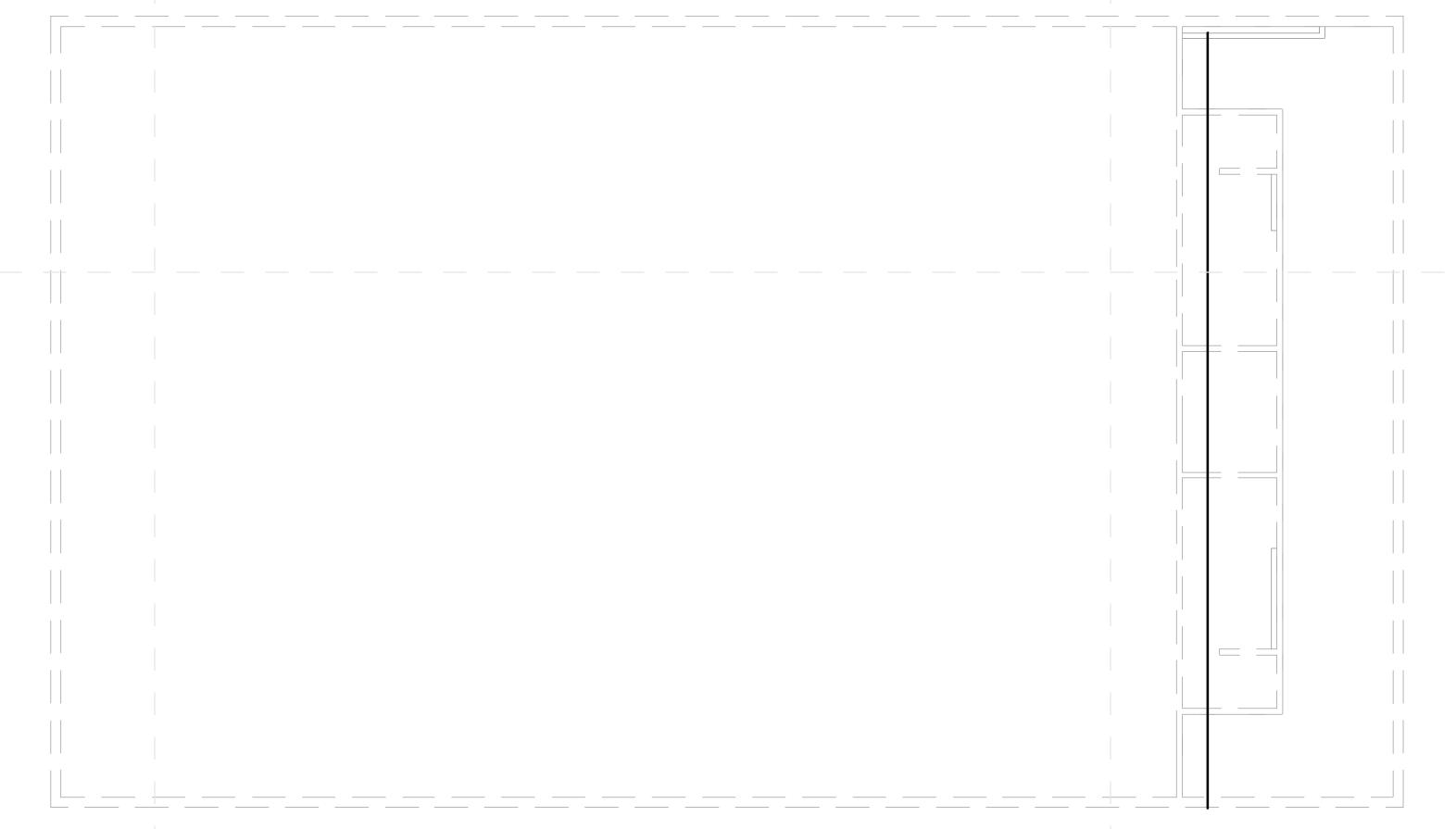
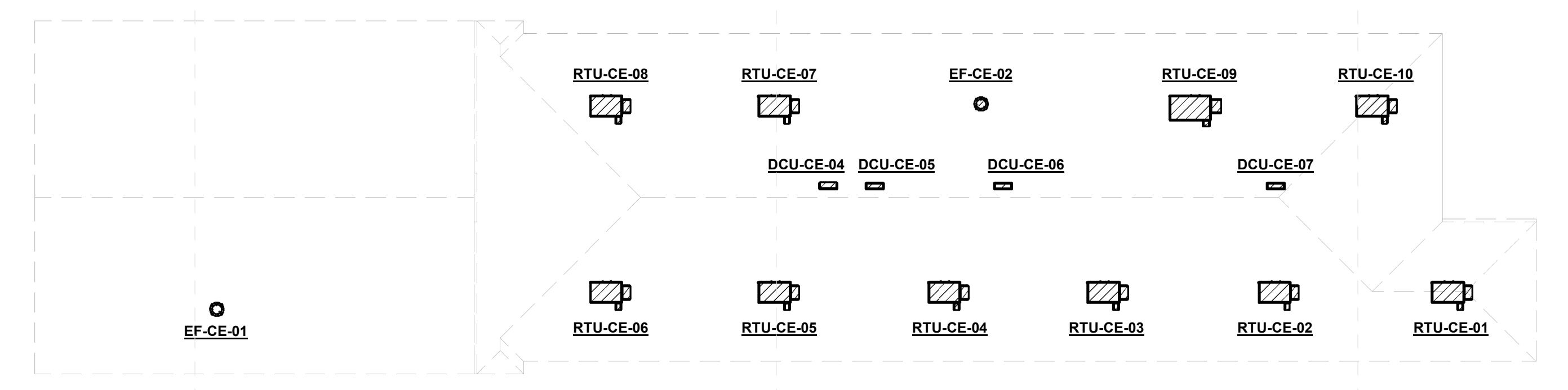
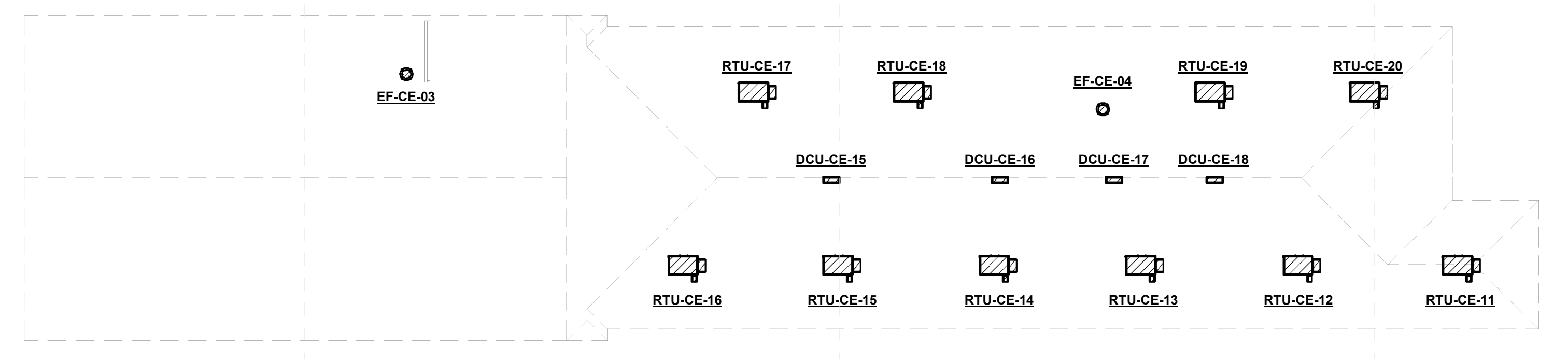
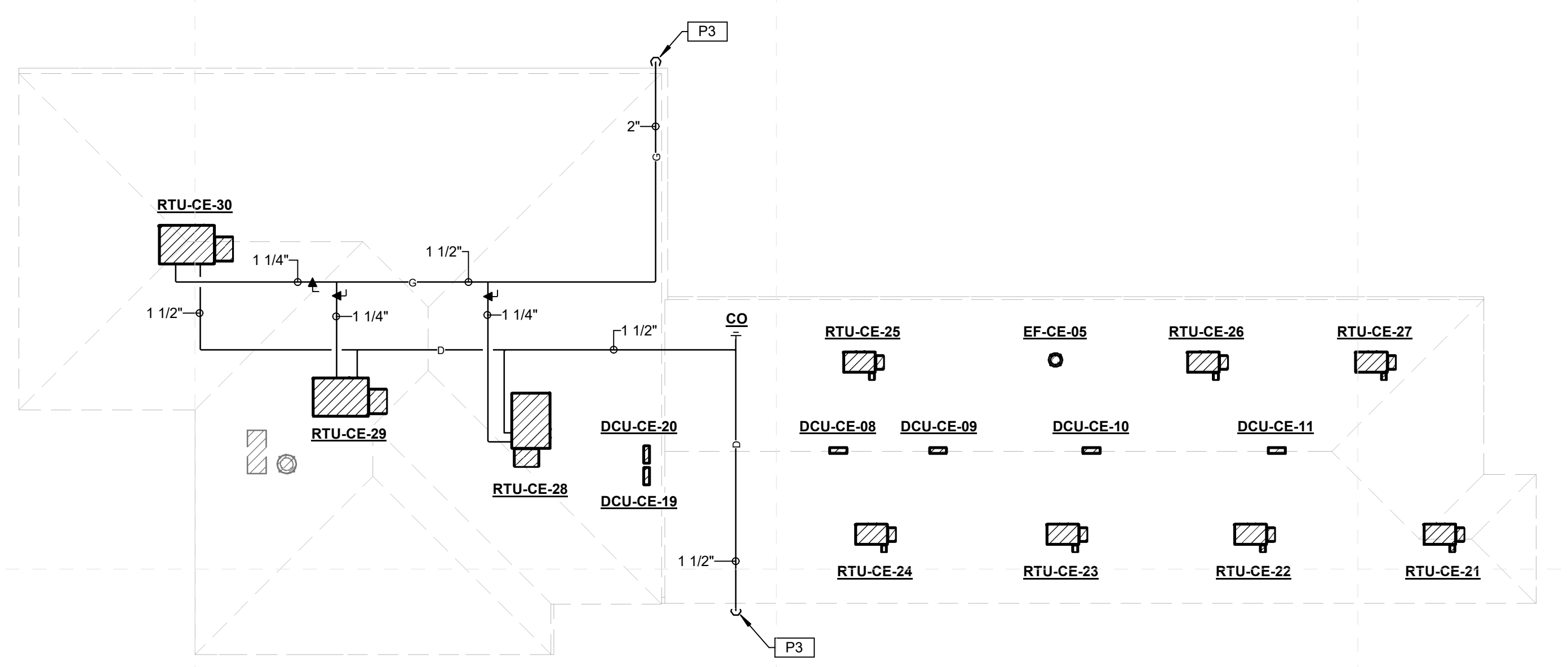
SPECIFIC PLUMBING NOTES	
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAIN EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.

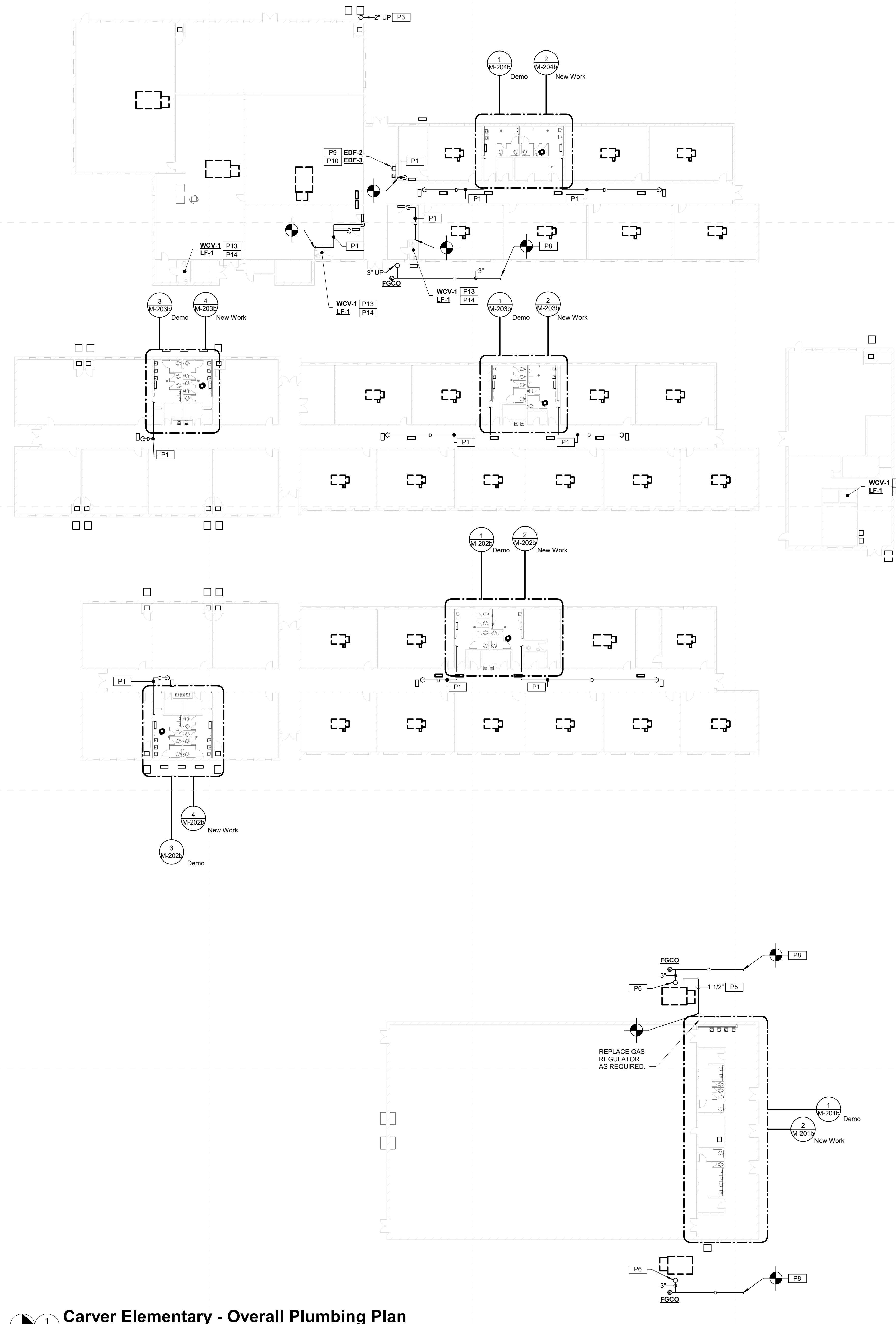
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M-003b
Carver Elementary - Mechanical Roof Plan

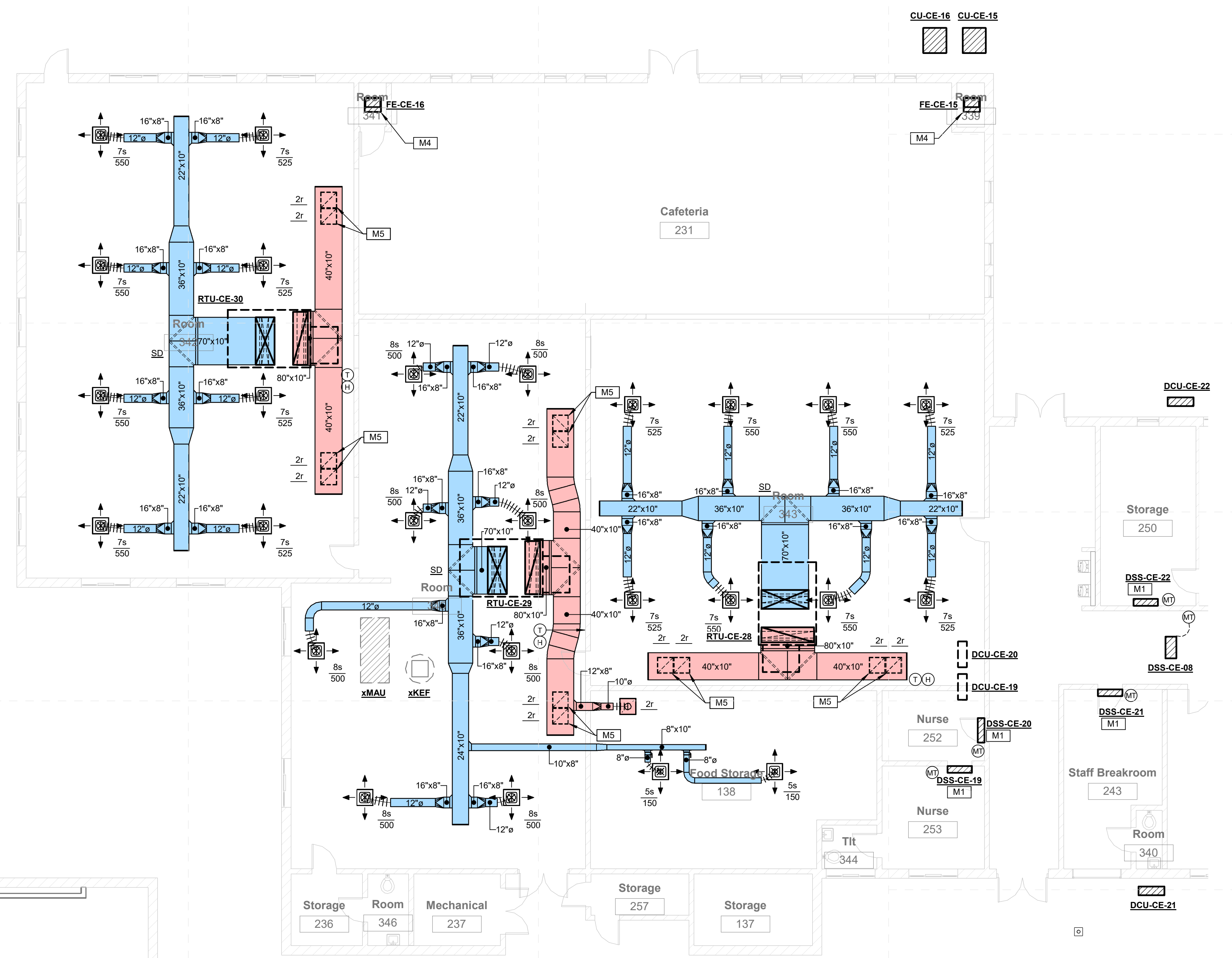




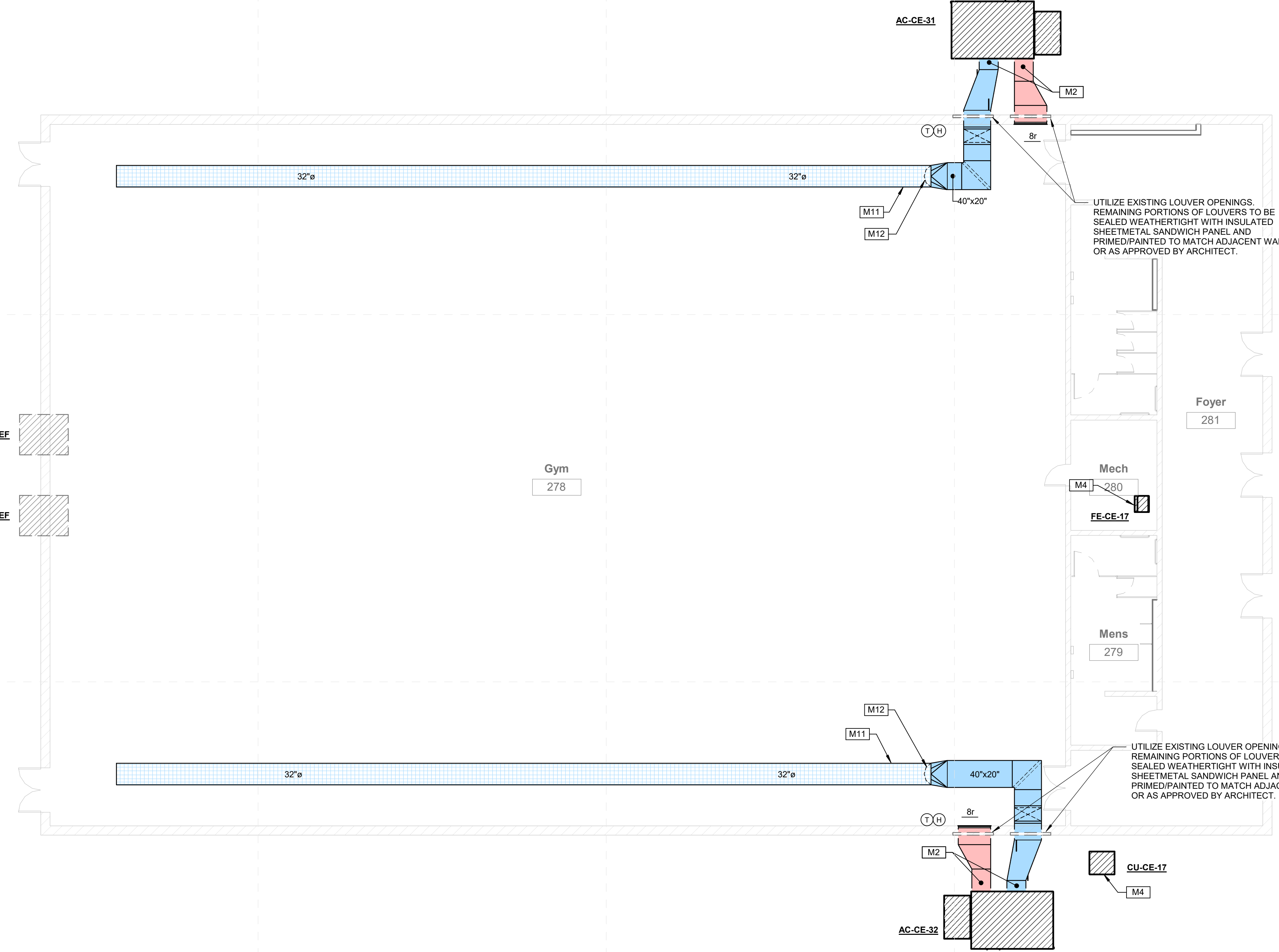
SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAIN EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P5	ROUTE NEW GAS PIPING ATOP UNISTRUT SUPPORTS ATOP NEW EQUIPMENT CONCRETE PAD.
P6	TYPICAL TRAPPED HUB DRAIN (SIZE AS INDICATED) FOR PAD MOUNTED PACKAGE UNIT CONDENSATE DRAIN. SEE DETAIL FOR CLARITY. TRAP MAY BE OMITTED WHEN CONNECTING TO STORM DRAINAGE.
P8	CONNECT TO EXISTING DRAINAGE PIPING AT APPROXIMATELY THIS LOCATION. FIELD VERIFY LOCATION, SIZE AND INVERT PRIOR TO COMMENCING WITH WORK.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P13	REPLACE EXISTING WATER CLOSET/URNAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET, SUPPLIES, STOPS, TRAPS AND TAILPIECES.

Carver Elementary - Overall Plumbing Plan
1" = 20'-0"

SPECIFIC HVAC NOTES	
M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN 'LINE-HIDE' ACCESSORIES. SEE DETAIL.
M2	OUTDOOR DUCTWORK. SEE GENERAL HVAC NOTES FOR DETAILED REQUIREMENTS.
M4	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING TRUNK DUCT. RE-CONNECT EXISTING GAS SERVICE PIPING (WHERE APPLICABLE, WITH NEW UNION, GAS COCK AND DRIP LEG. CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION). PROVIDE NEW THERMOSTAT (IN SAME LOCATION AS EXISTING). EXISTING REFRIGERANT PIPING SIZES SHALL BE FIELD VERIFIED TO BE COMPATIBLE WITH NEW UNIT. IF COMPATIBLE, EXISTING PIPING TO BE CLEANED UTILIZING PIPE-WIPER (BY A-JACKS MANUFACTURING) AND FLUSHED WITH QUIK SYSTEM FLUSH BY MAINSTREAM ENGINEERING CORPORATION. SUBSEQUENTLY, EXISTING PIPING SHALL BE PRESSURE TESTED AND CLEANED AS REQUIRED FOR NEW INSTALLATION. IF NOT COMPATIBLE, EXISTING PIPING SHALL BE DEMOLISHED AND NEW REFRIGERANT PIPING PROVIDED. ROUTE NEW FLUE THROUGH ROOF OR SIDEWALL UTILIZING EXISTING OPENING. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTION.
M5	FULL NECK SIZE ACOUSTICALLY LINED PLENUM ATOP AIR DISTRIBUTION DEVICE.
M11	FABRIC DUCT - SEE DETAIL AND/OR SCHEDULE FOR AIRFLOW DISTRIBUTION PATTERN REQUIREMENTS.
M12	AIR STRAIGHTENING CONE PROVIDED BY FABRIC DUCT MANUFACTURER.

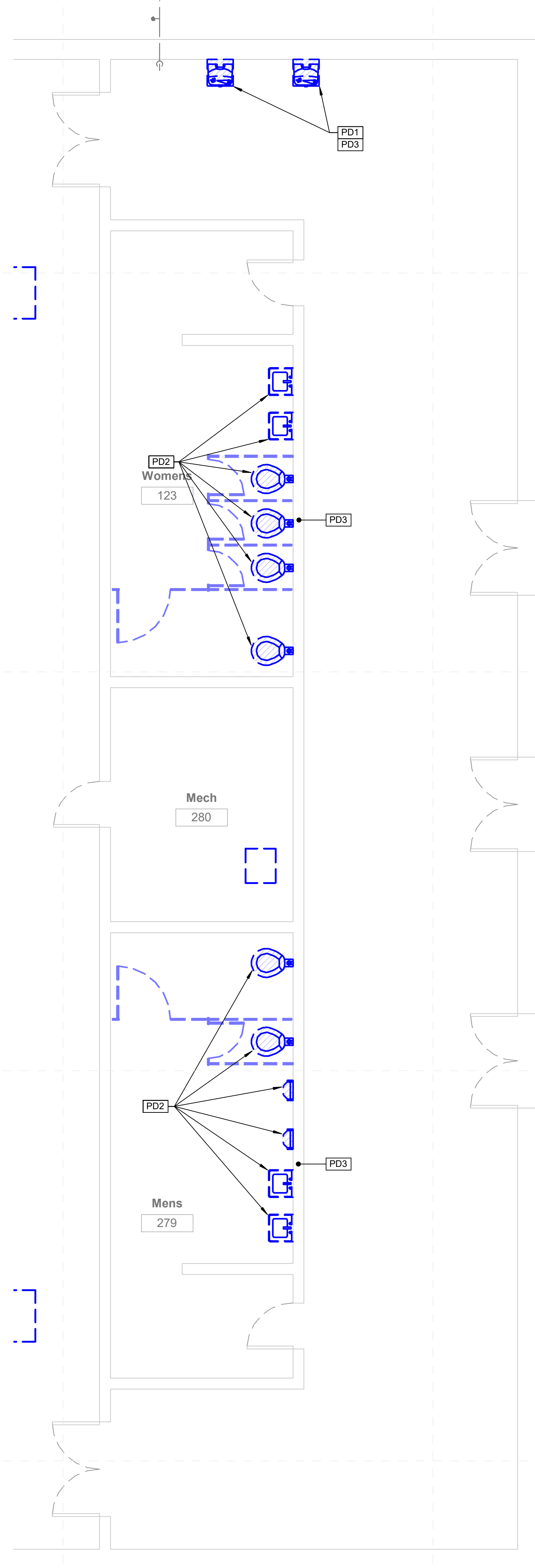


Carver Elementary - Partial Mechanical Plan (1)
1/8" = 1'-0"



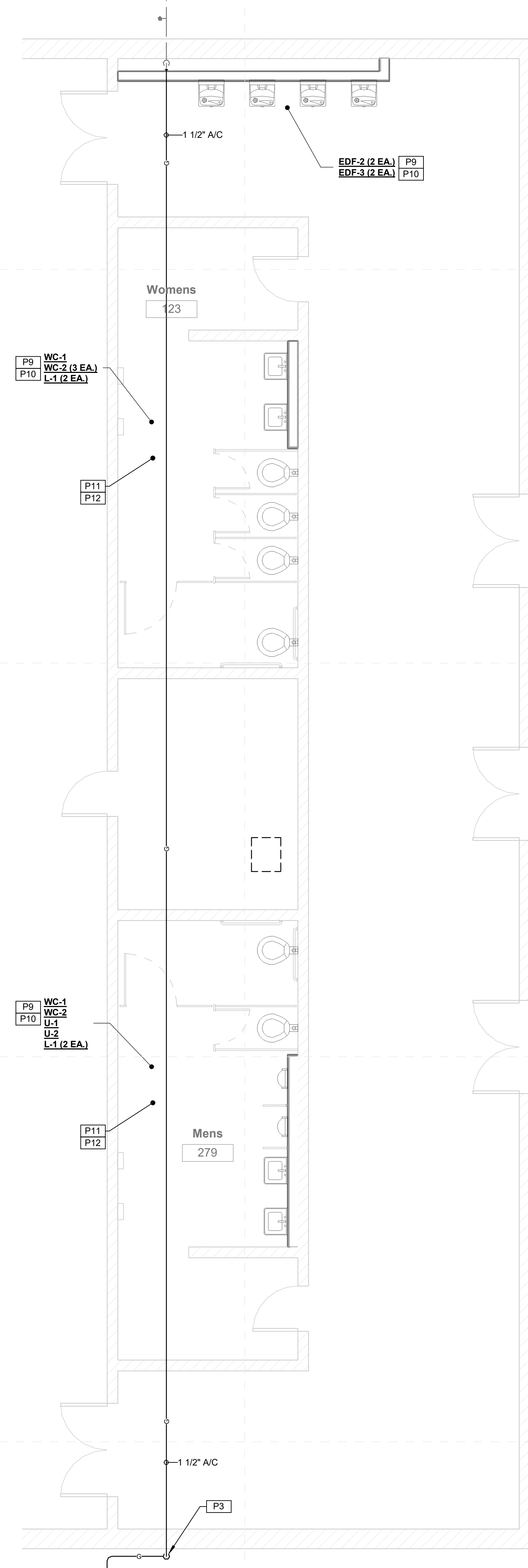
Carver Elementary - Partial Mechanical Plan (2)
1/8" = 1'-0"

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.
PD3	OPEN EXISTING WALL/CHASE FOR NEW PLUMBING INSTALLATIONS.



1 M-201b 1/4" = 1'-0" Carver Elementary - Enlarged Plumbing Demo Plan (1)

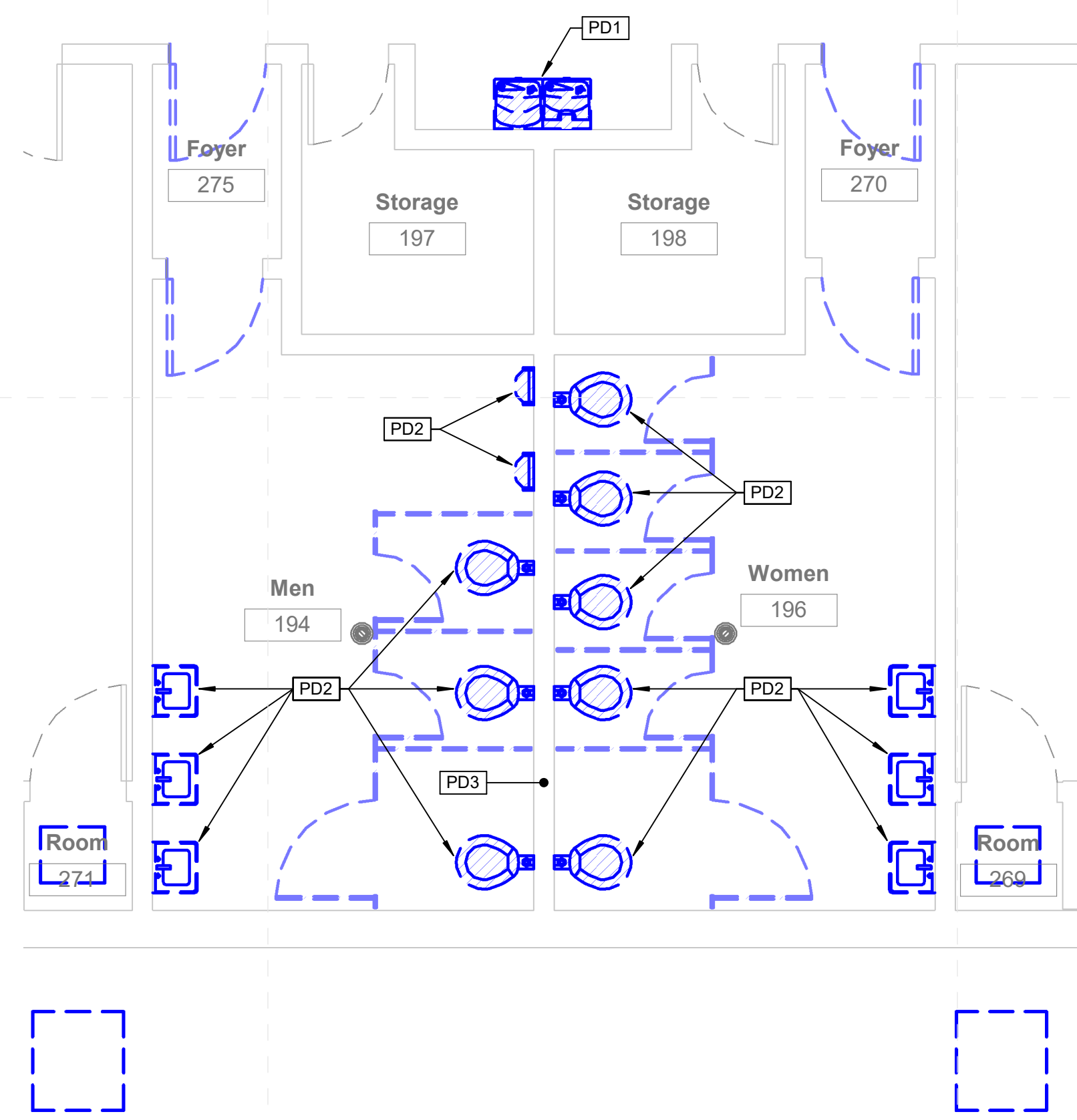
SPECIFIC PLUMBING NOTES	
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIMEPAINT EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING CLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.



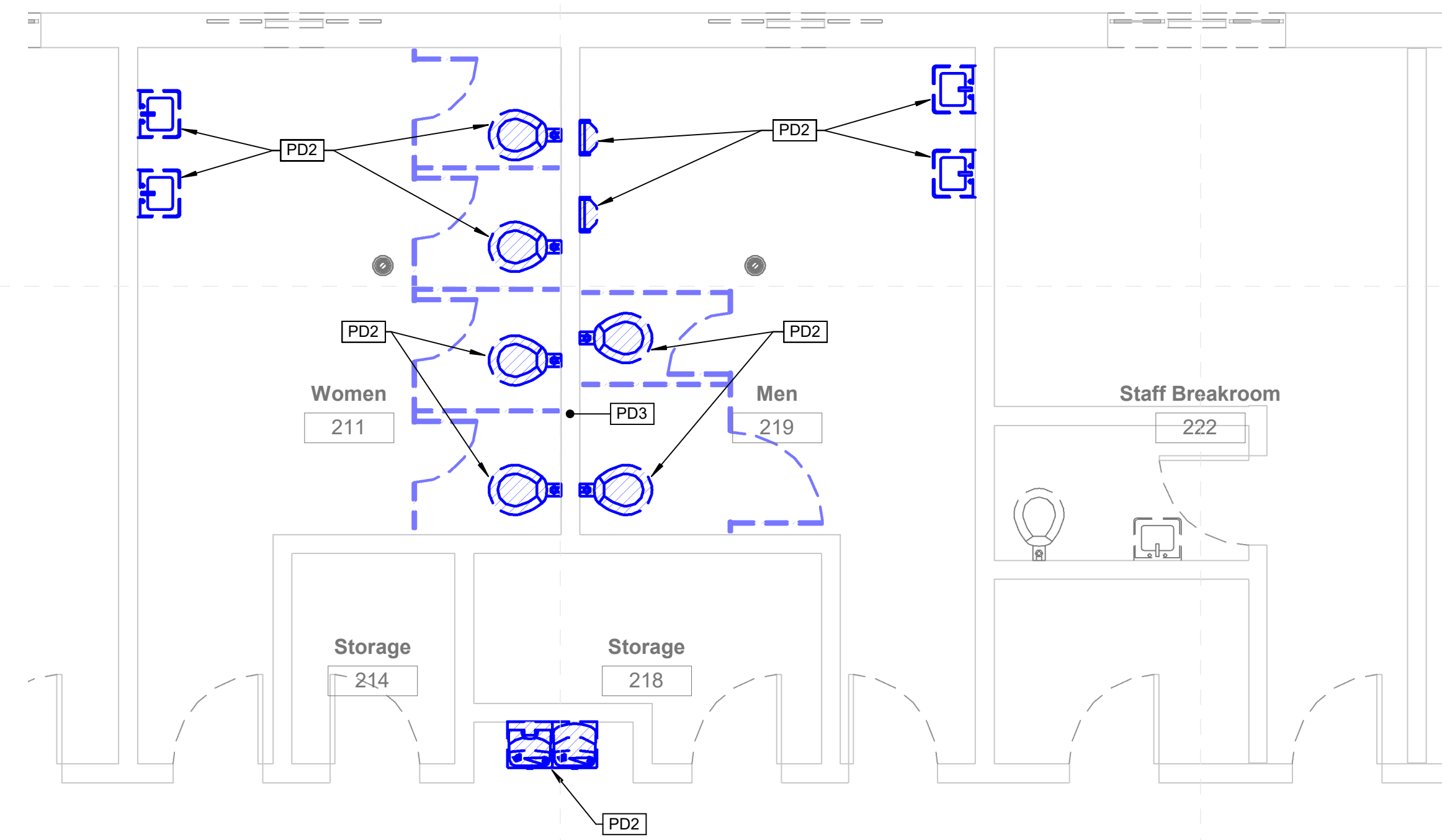
2 M-201b 1/4" = 1'-0" Carver Elementary - Enlarged Plumbing New Work Plan (1)

GENERAL PLUMBING NOTE:
SEE SHEET M-000 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.
PD3	OPEN EXISTING WALL/CHASE FOR NEW PLUMBING INSTALLATIONS.

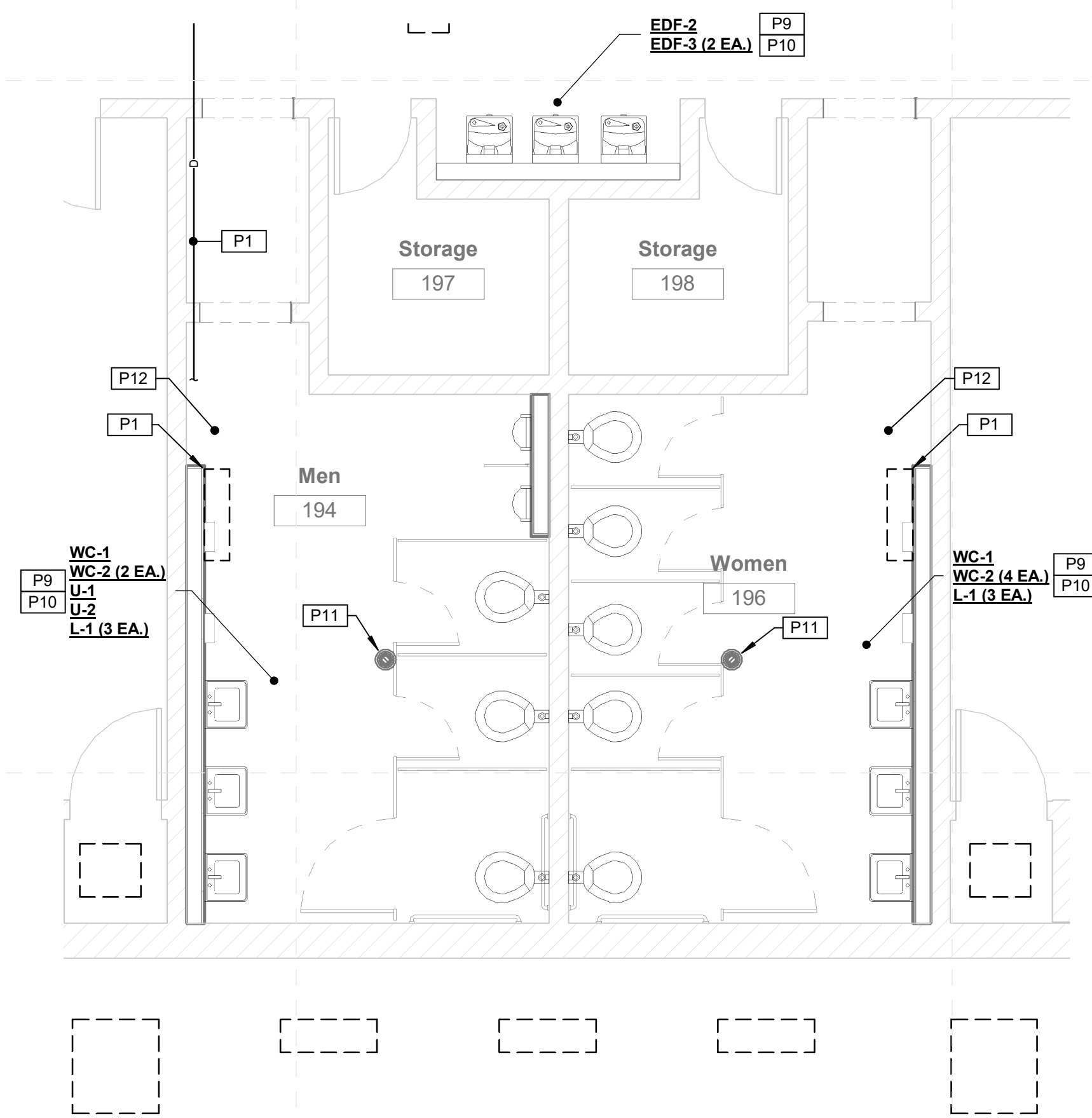


3 M-202b 1/4" = 1'-0" Carver Elementary - Enlarged Plumbing Demo Plan (3)

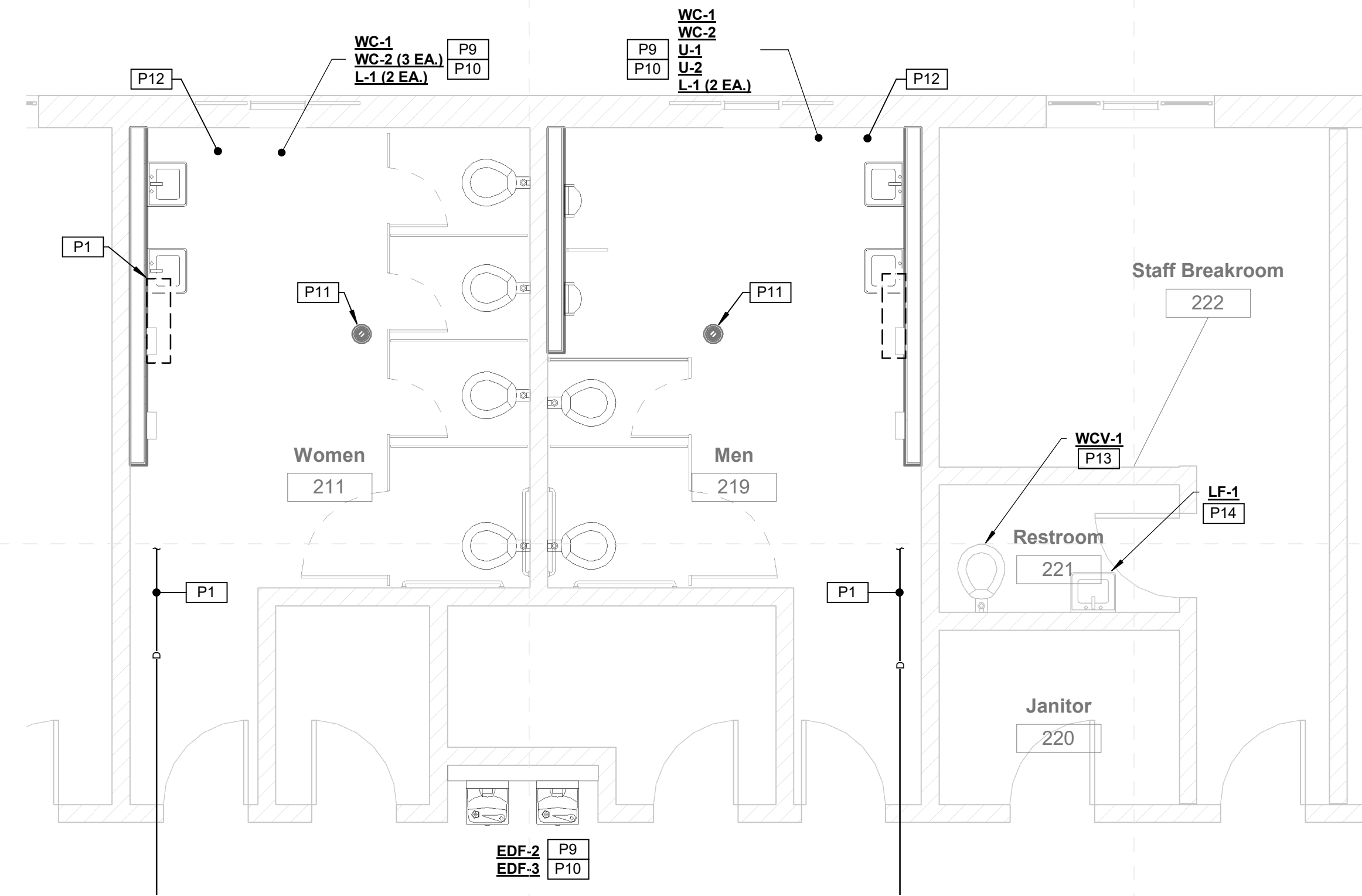


1 M-202b 1/4" = 1'-0" Carver Elementary - Enlarged Plumbing Demo Plan (2)

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 90° OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS, ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING CLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P13	REPLACE EXISTING WATER CLOSET/URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET. SUPPLIES, STOPS, TRAPS AND TAILPIECES.



4 M-202b 1/4" = 1'-0" Carver Elementary - Enlarged Plumbing New Work Plan (3)

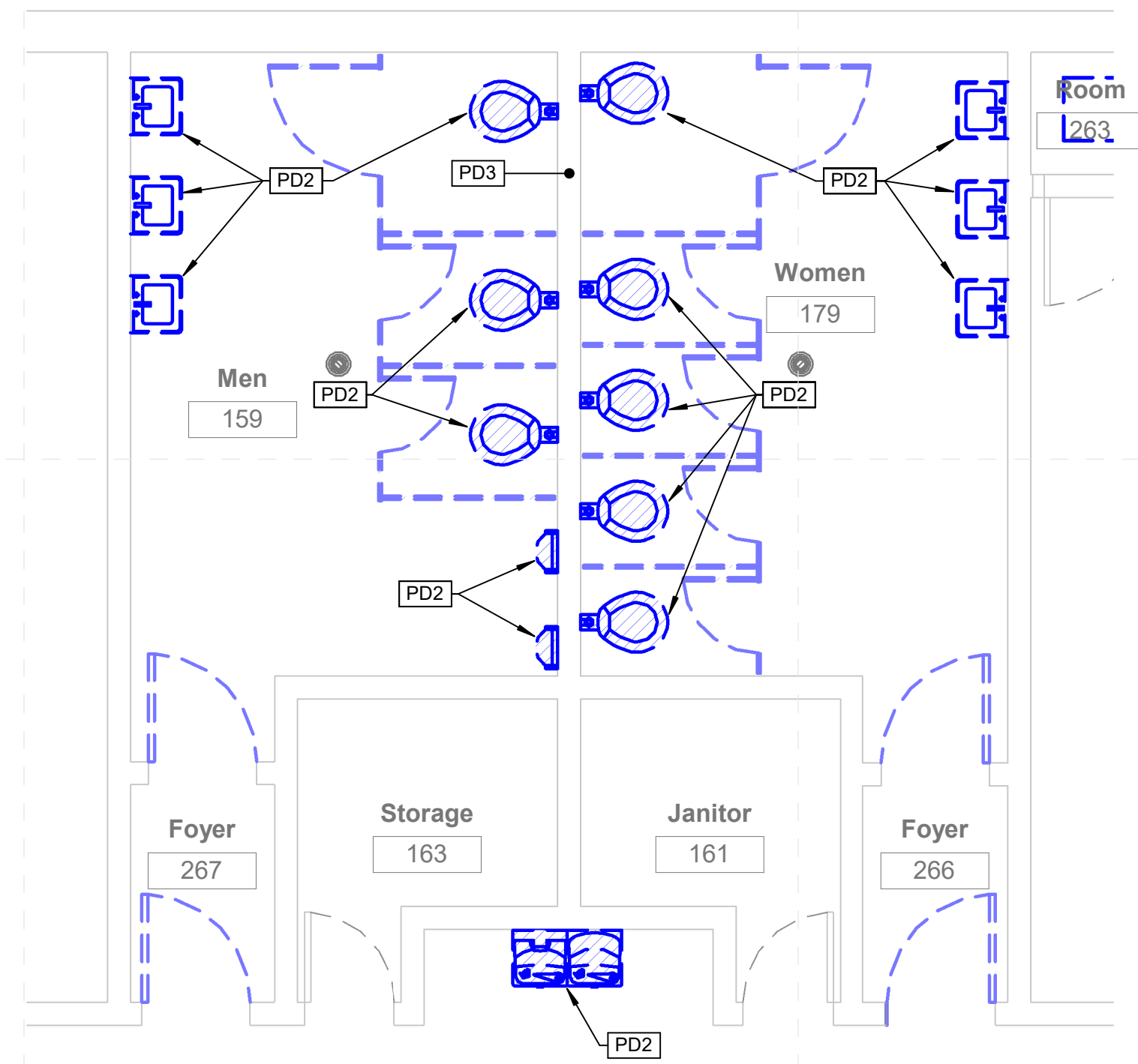


2 M-202b 1/4" = 1'-0" Carver Elementary - Enlarged Plumbing New Work Plan (2)

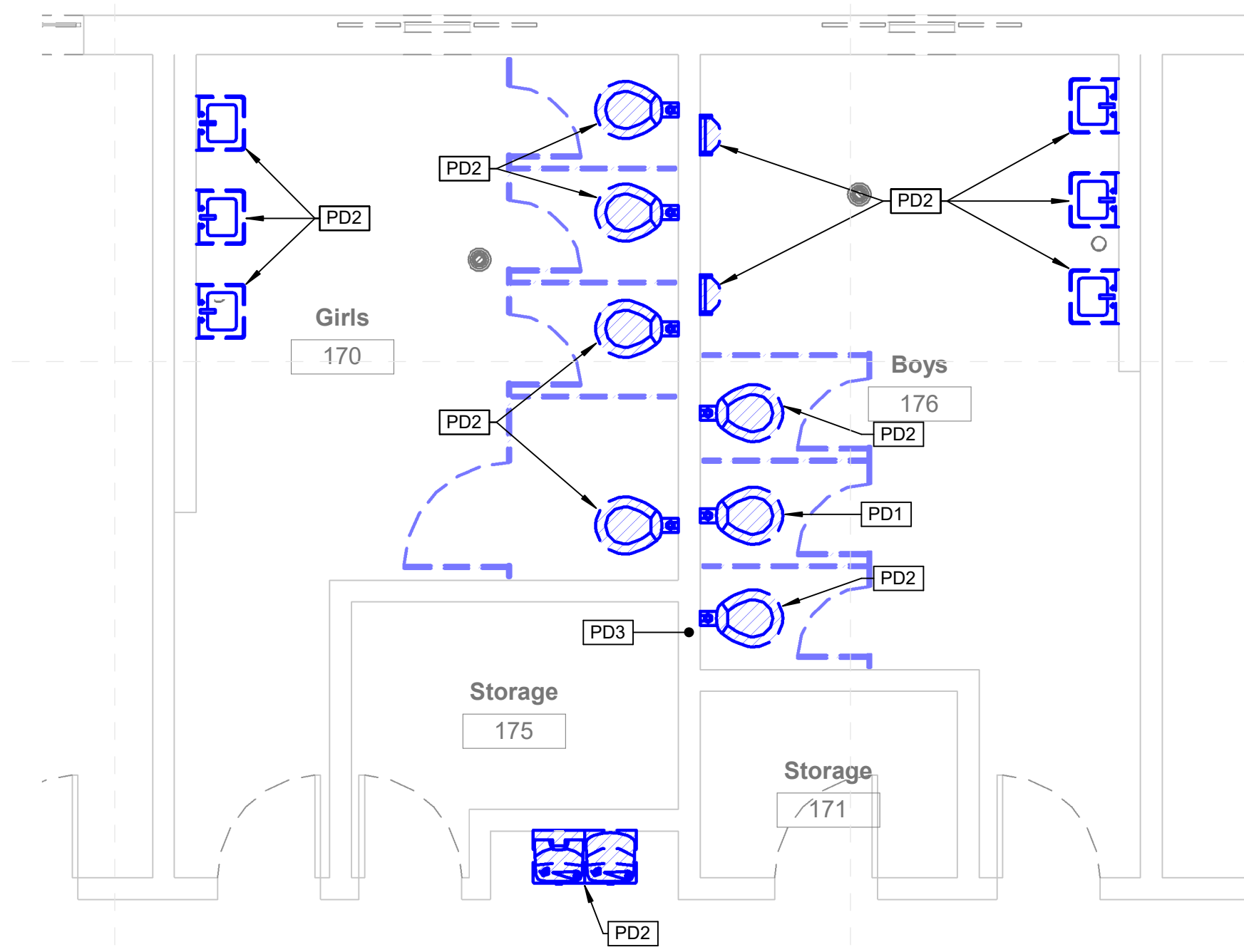
GENERAL PLUMBING NOTE:
SEE SHEET M-000 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.
PD3	OPEN EXISTING WALL/CHASE FOR NEW PLUMBING INSTALLATIONS.

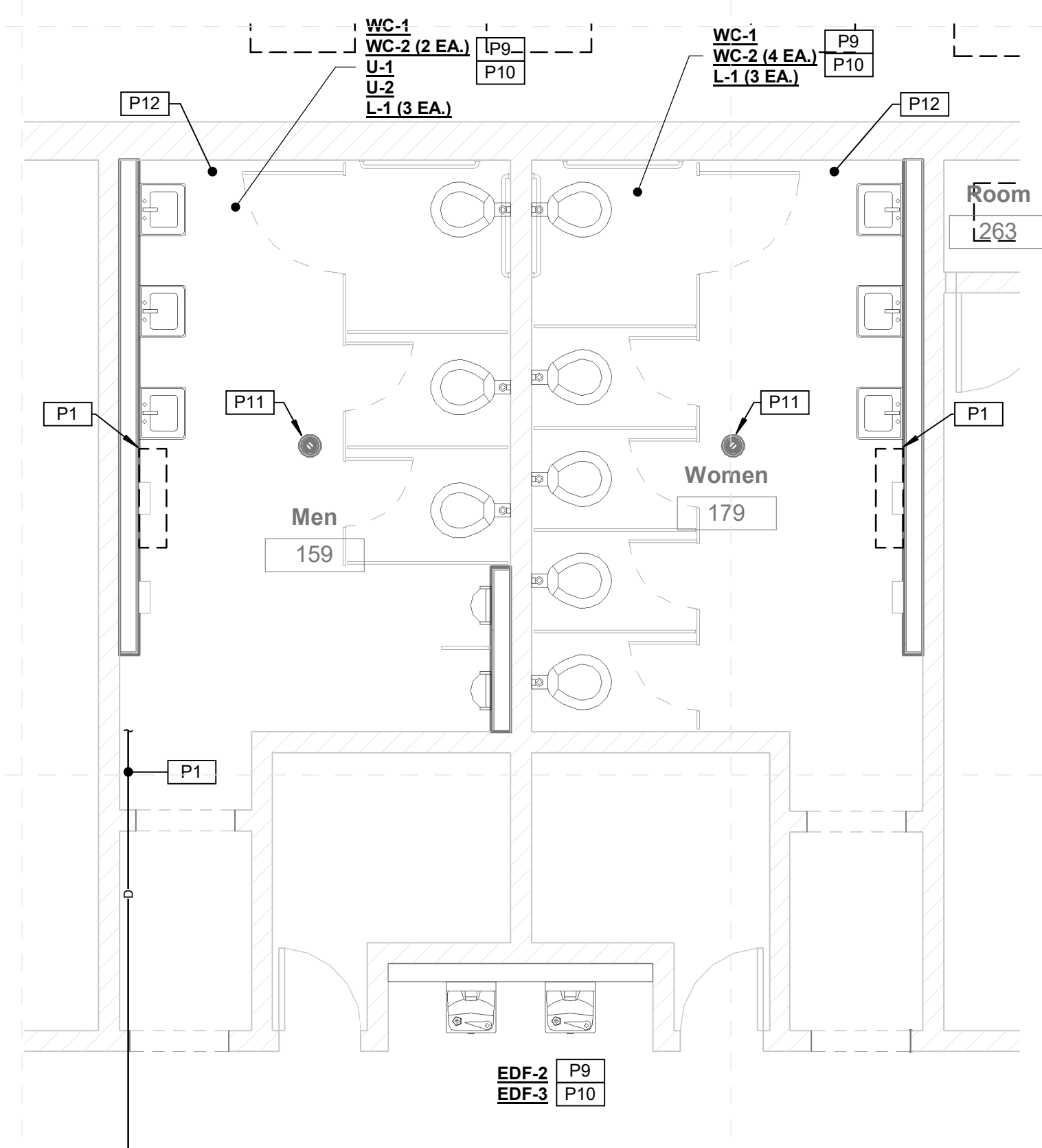
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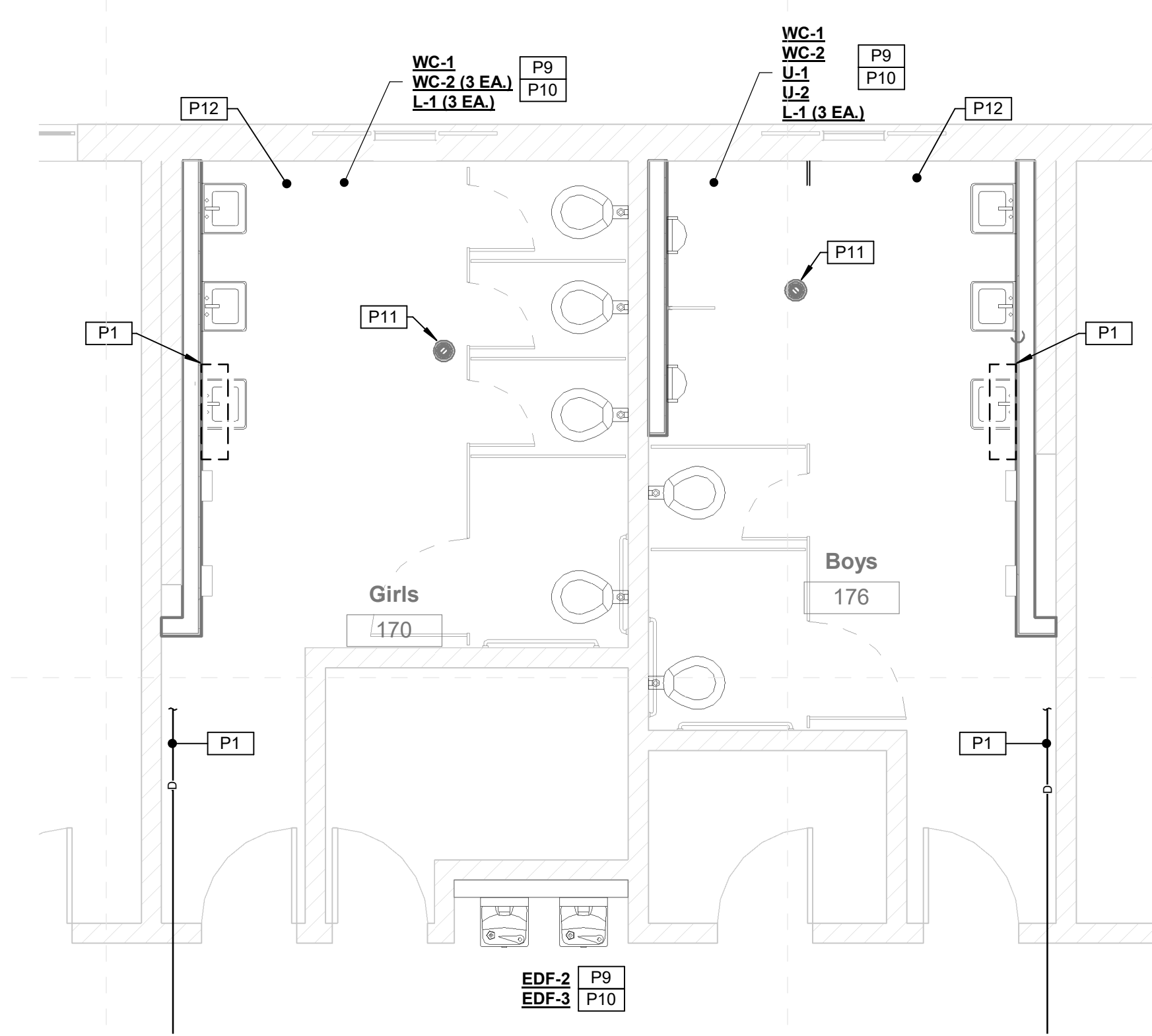
3 M-203b 1/4" = 1'-0"
Carver Elementary - Enlarged Plumbing Demo Plan (5)



1 M-203b 1/4" = 1'-0"
Carver Elementary - Enlarged Plumbing Demo Plan (4)



4 M-203b 1/4" = 1'-0"
Carver Elementary - Enlarged Plumbing New Work Plan (5)

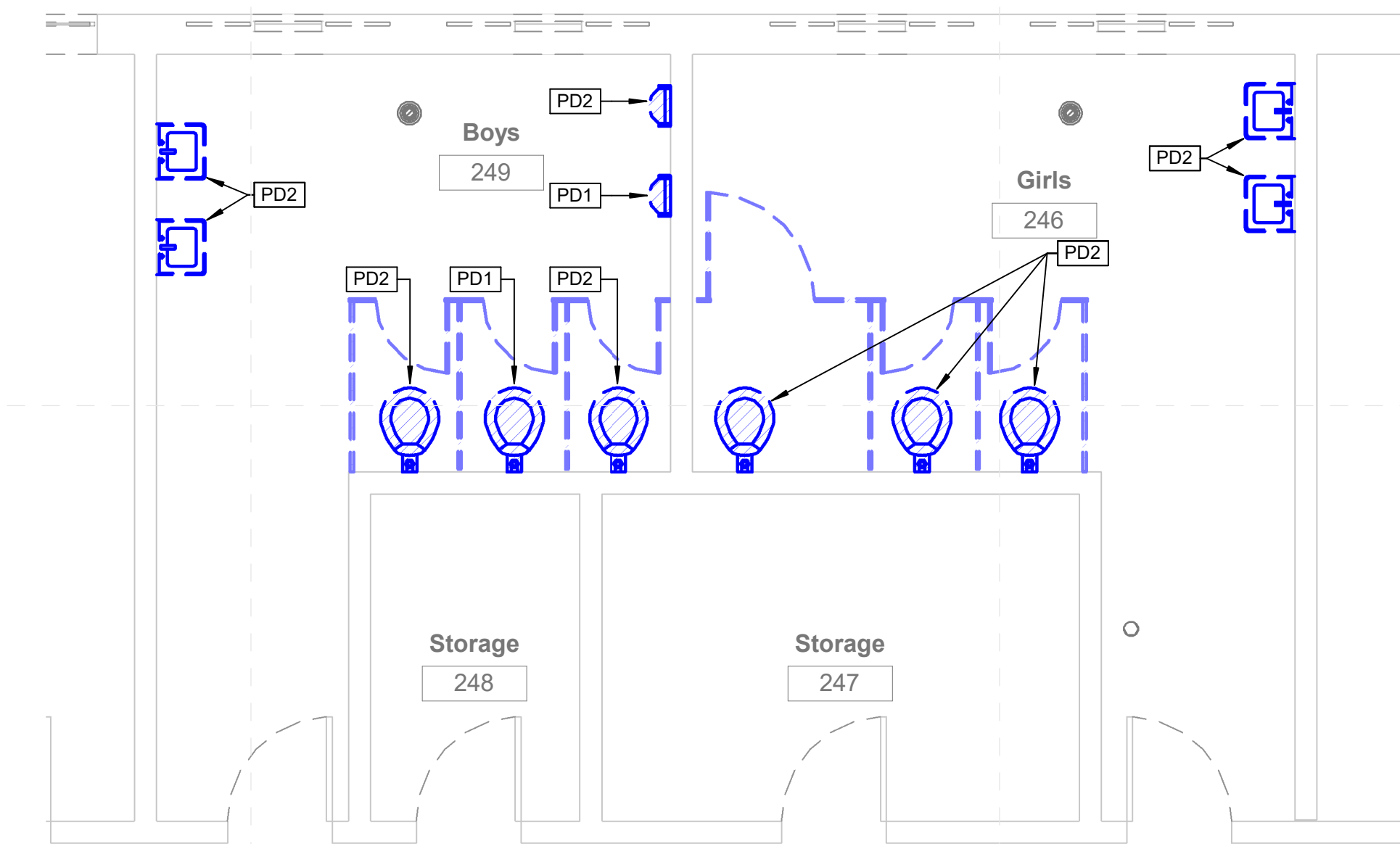
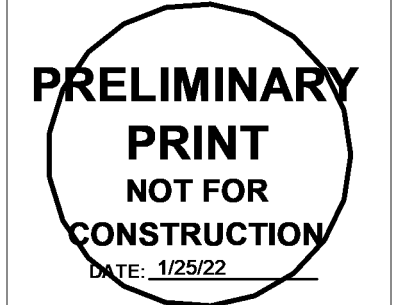


2 M-203b 1/4" = 1'-0"
Carver Elementary - Enlarged Plumbing New Work Plan (4)

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50' OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (WALL TOILETS, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING CLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.

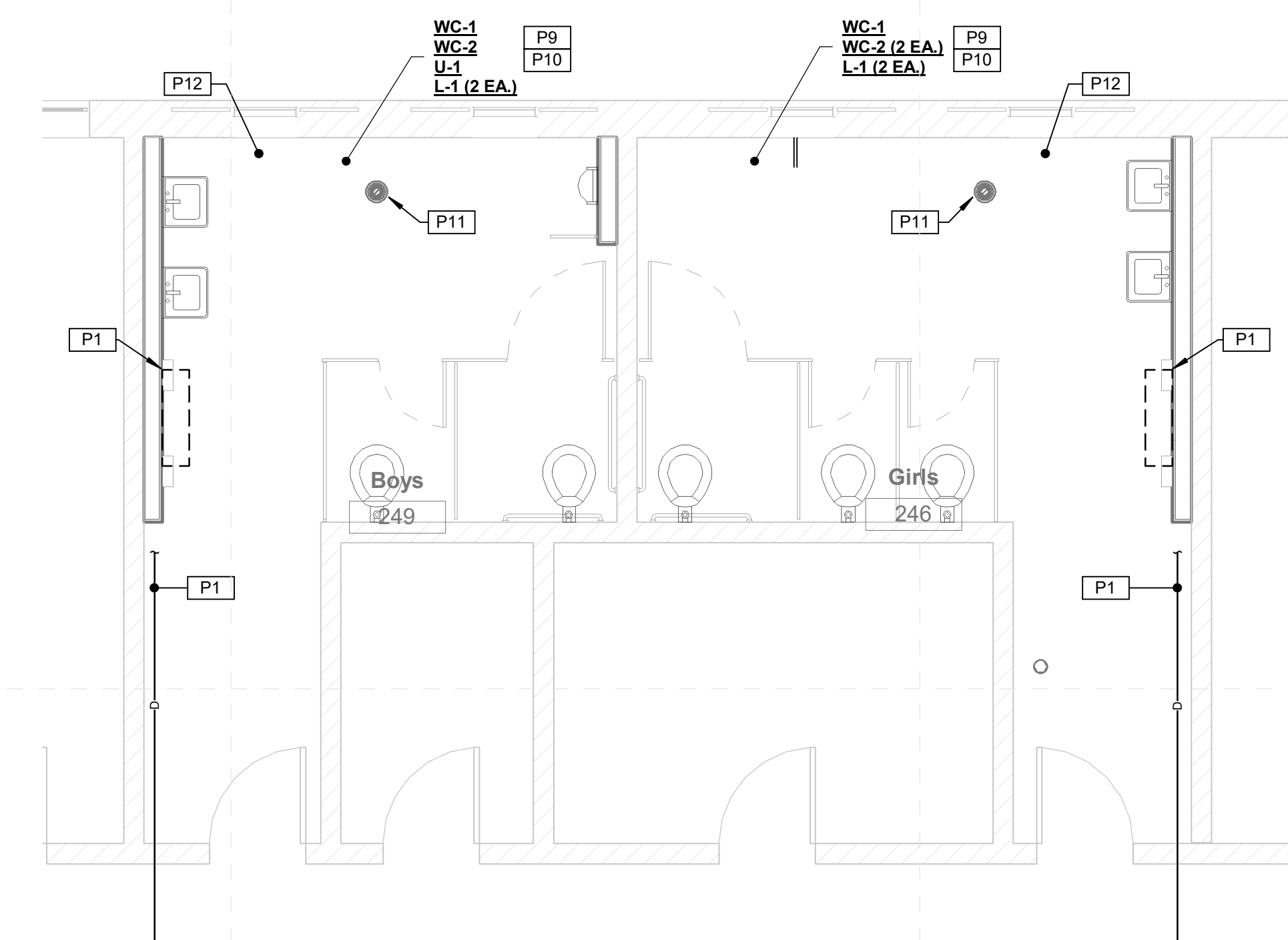
GENERAL PLUMBING NOTE:
SEE SHEET M-000 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.



1 Carver Elementary - Enlarged Plumbing Demo Plan (6)
1/4" = 1'-0"

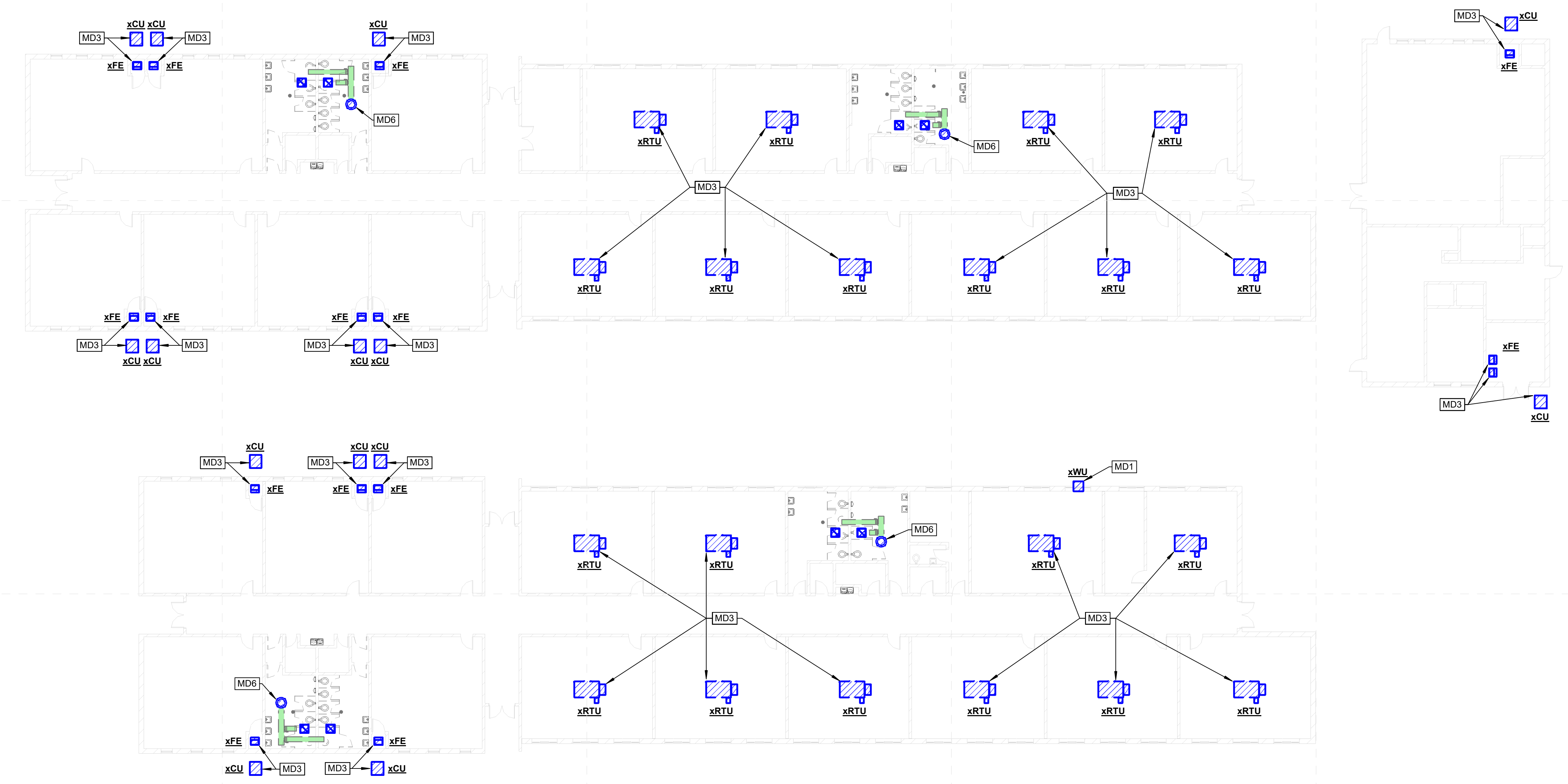
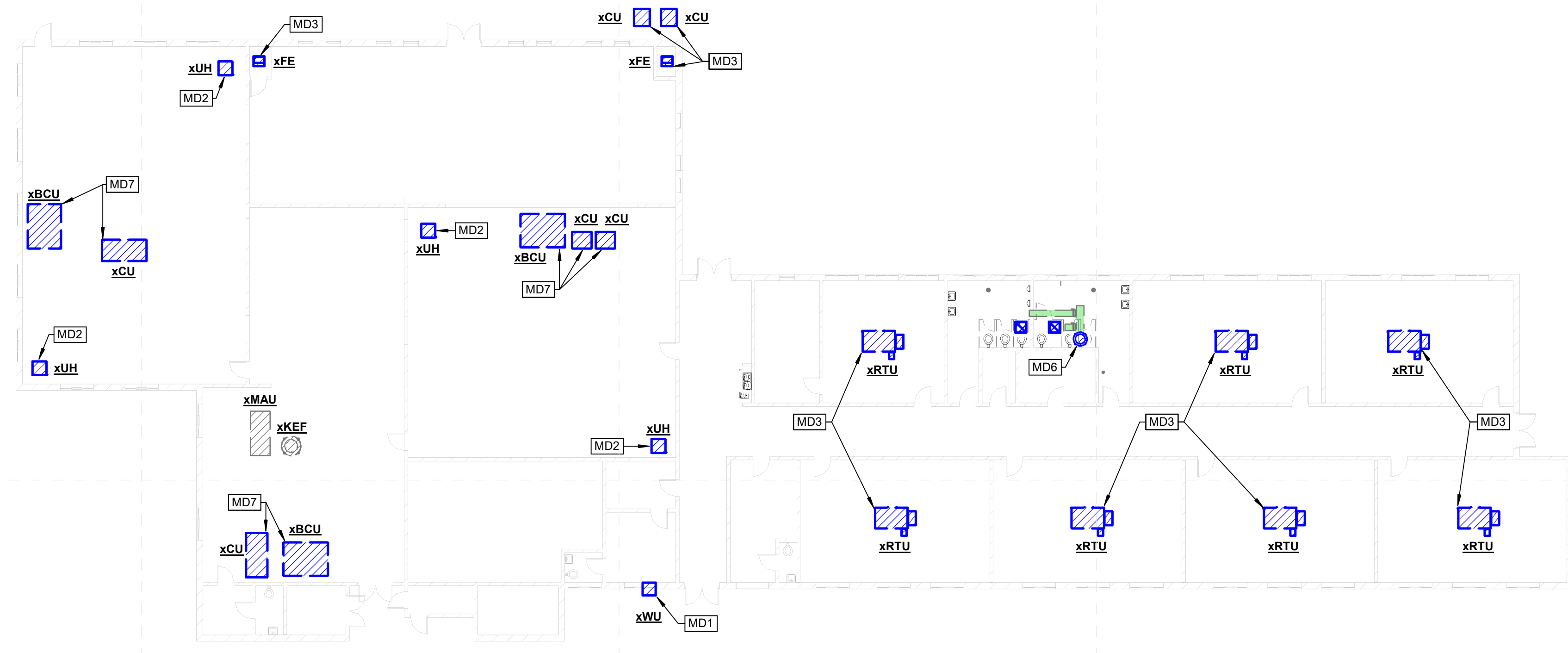
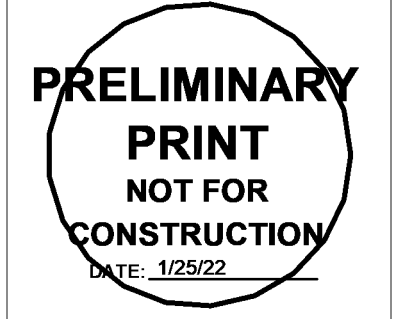
SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING GLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.



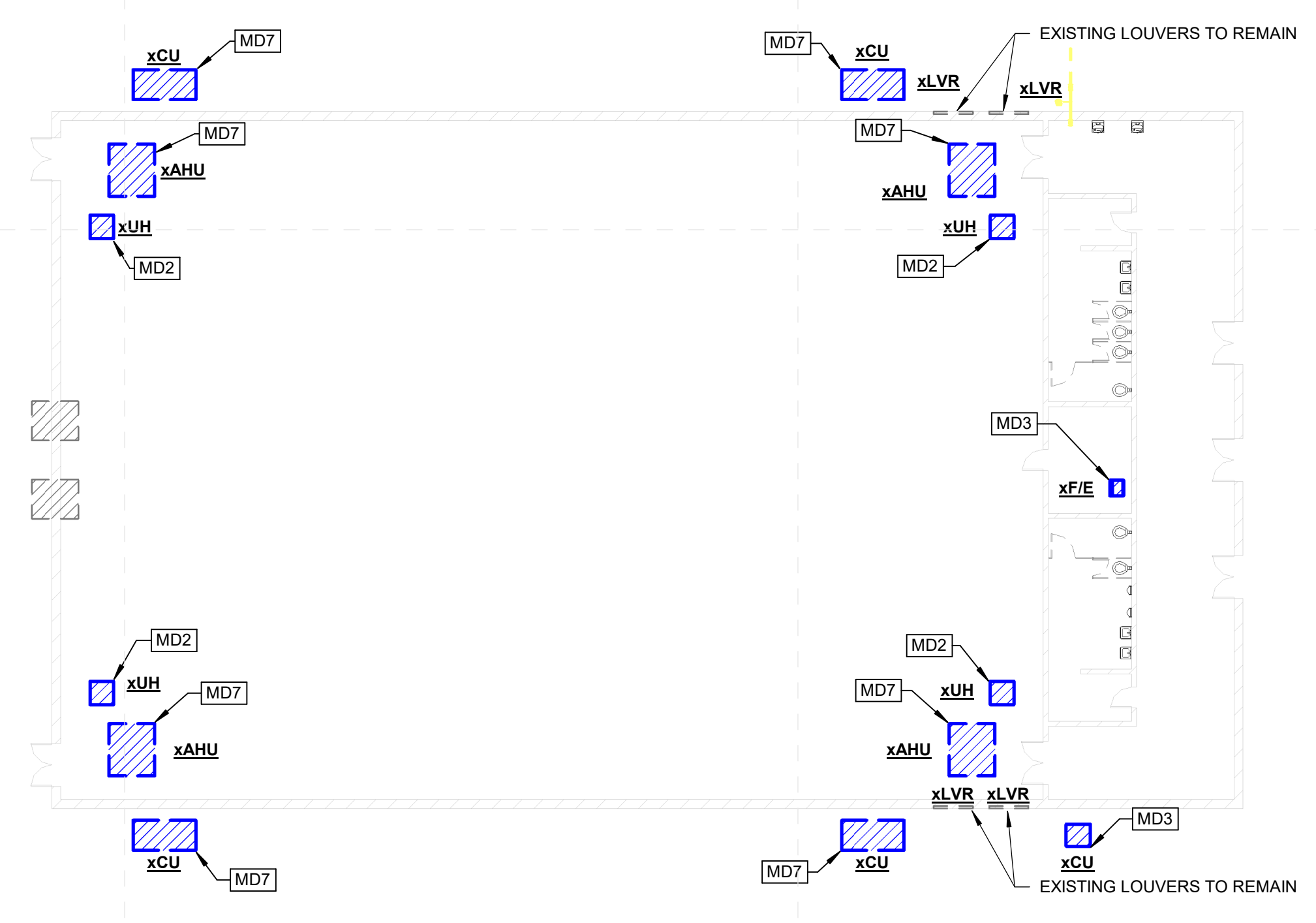
2 Carver Elementary - Enlarged Plumbing New Work Plan (6)
1/4" = 1'-0"

GENERAL PLUMBING NOTE:
SEE SHEET M-000 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.

SPECIFIC HVAC DEMOLITION NOTES	
MD1	DEMOLISH EXISTING WINDOW UNIT. REFER TO ARCHITECTURAL DRAWINGS FOR WINDOW/WALL INFILL.
MD2	DEMOLISH EXISTING HEATER AS INDICATED. EXISTING FLUE THROUGH ROOF TO BE CAPPED PER DETAIL WHERE APPLICABLE.
MD3	REPLACE EXISTING AIR CONDITIONING EQUIPMENT WITH NEW IN SAME LOCATION.
MD6	REPLACE EXISTING EXHAUST FAN WITH NEW IN SAME LOCATION.
MD7	DEMOLISH EXISTING AIR CONDITIONING EQUIPMENT AS INDICATED.



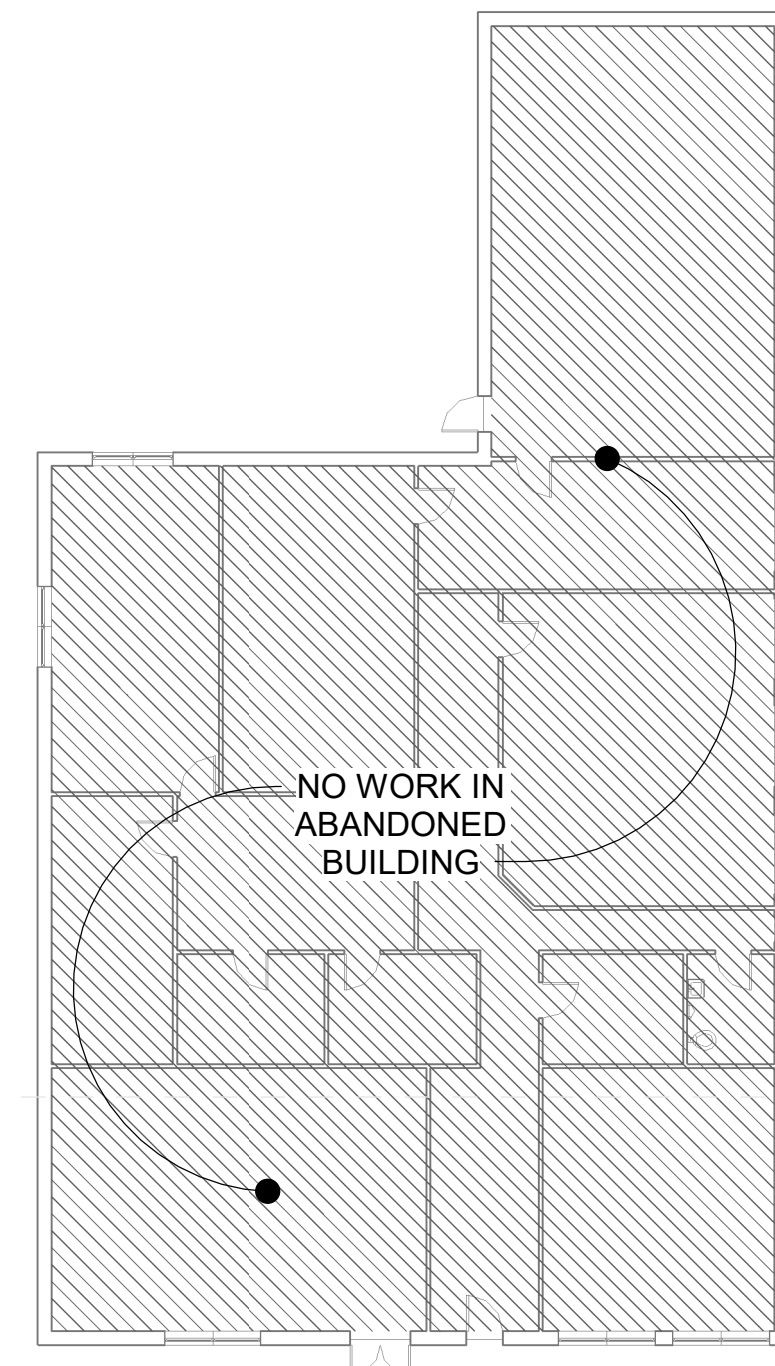
1 Carver Elementary - Overall Mechanical Demolition Plan (Main Campus)
MD001b 1/16" = 1'-0"



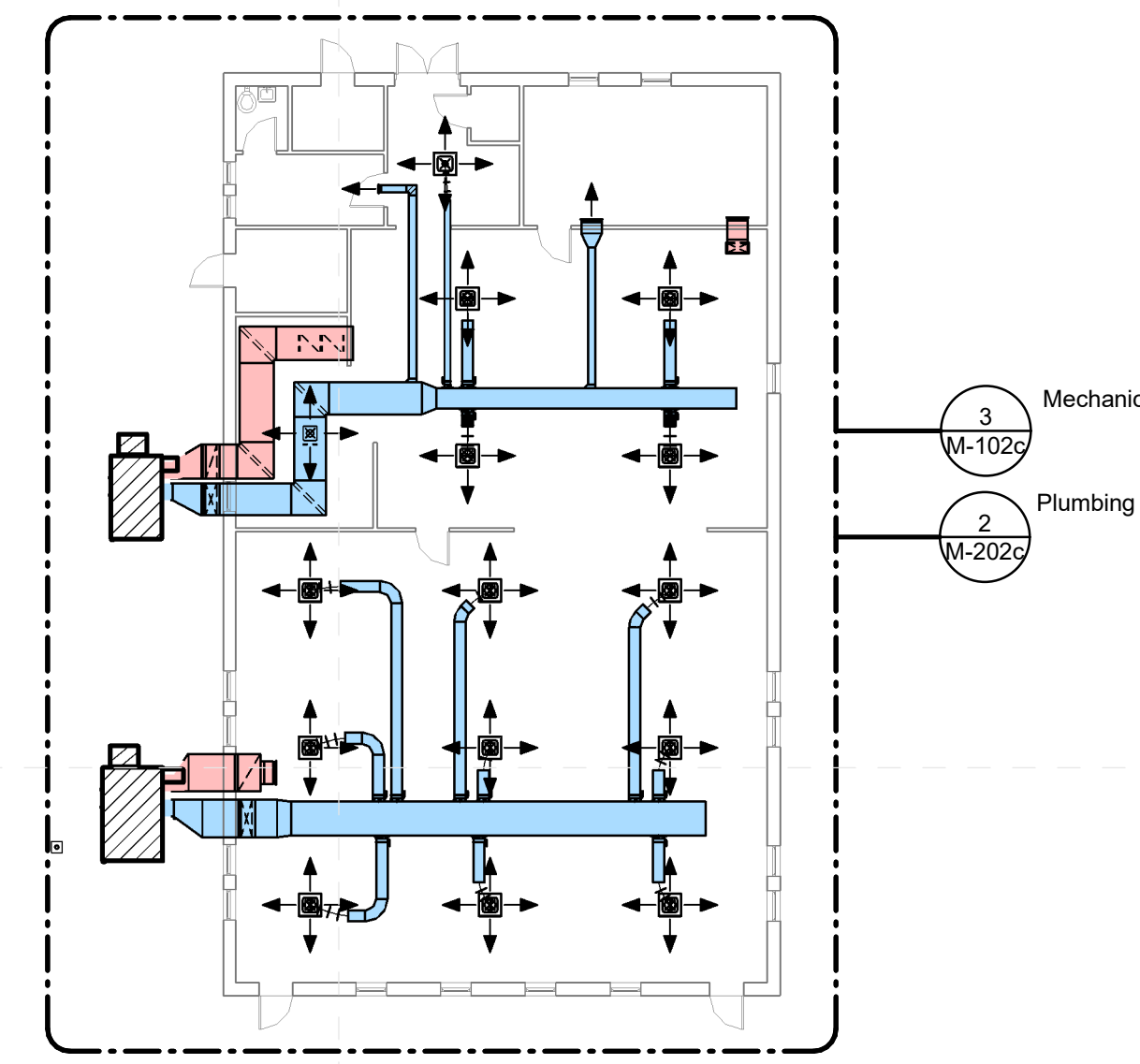
2 Carver Elementary - Partial Mechanical Demolition Plan (Gym Bldg)
MD001b 1/16" = 1'-0"

Project No	21027
Date	2 February 2022
Revisions	Rev Date

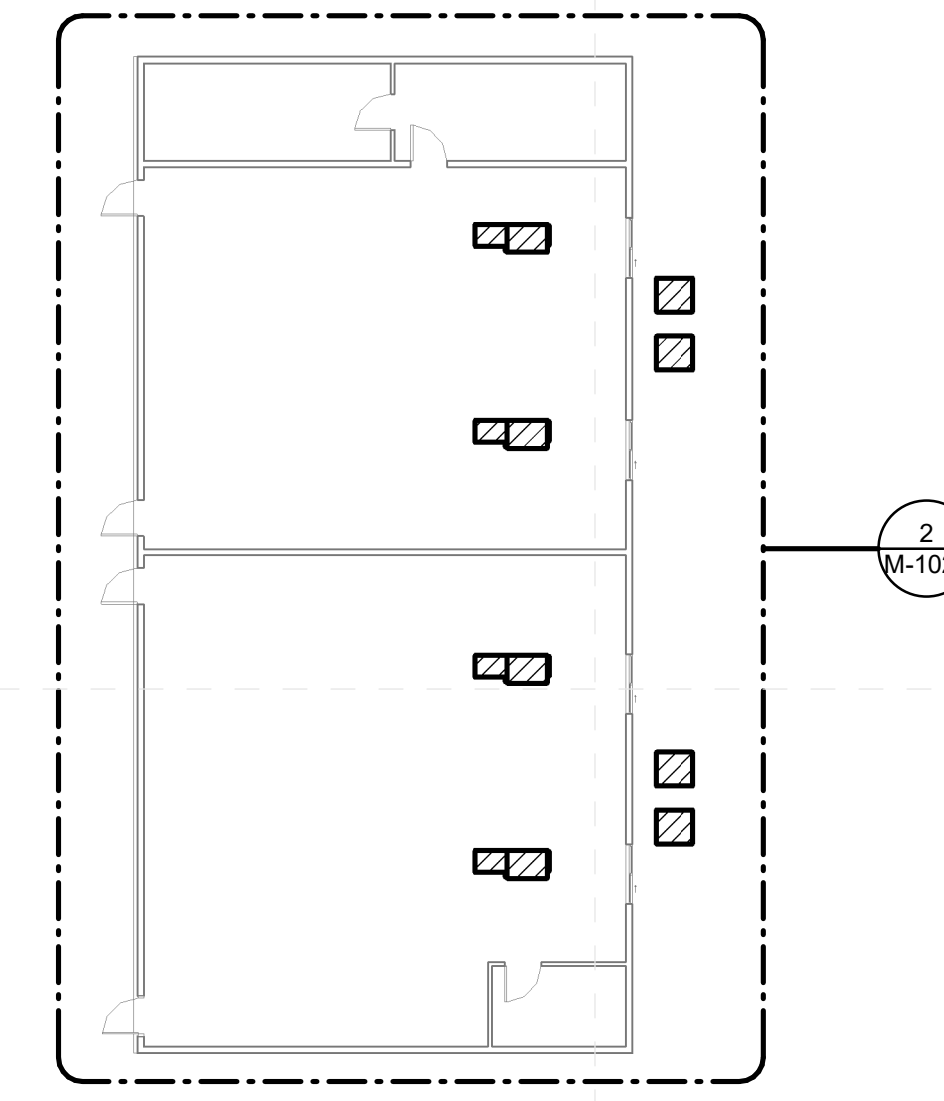
****THIS BUILDING IS ABANDONED.****



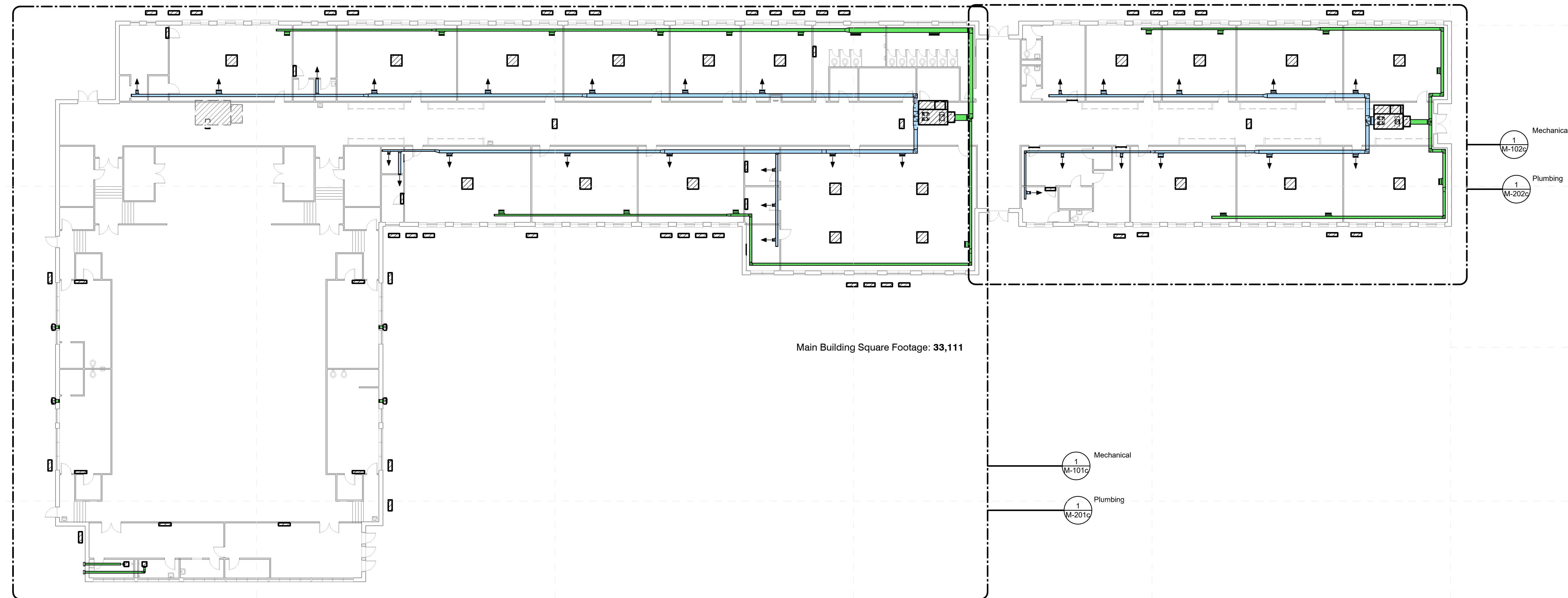
Main Building Square Footage: 5,434



Main Building Square Footage: 4,270



Main Building Square Footage: 3,500



Main Building Square Footage: 33,111

Drew Hunter Middle - Overall Mechanical Plan
1/16" = 1'-0"

SPECIFIC PLUMBING NOTES	
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 480°C. PRIMEPAINT EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P7	ALL CONDENSATE AND GAS PIPING SHALL BE SUPPORTED PER ROOFTOP PIPING SUPPORT DETAIL AND SPECIFICATIONS.

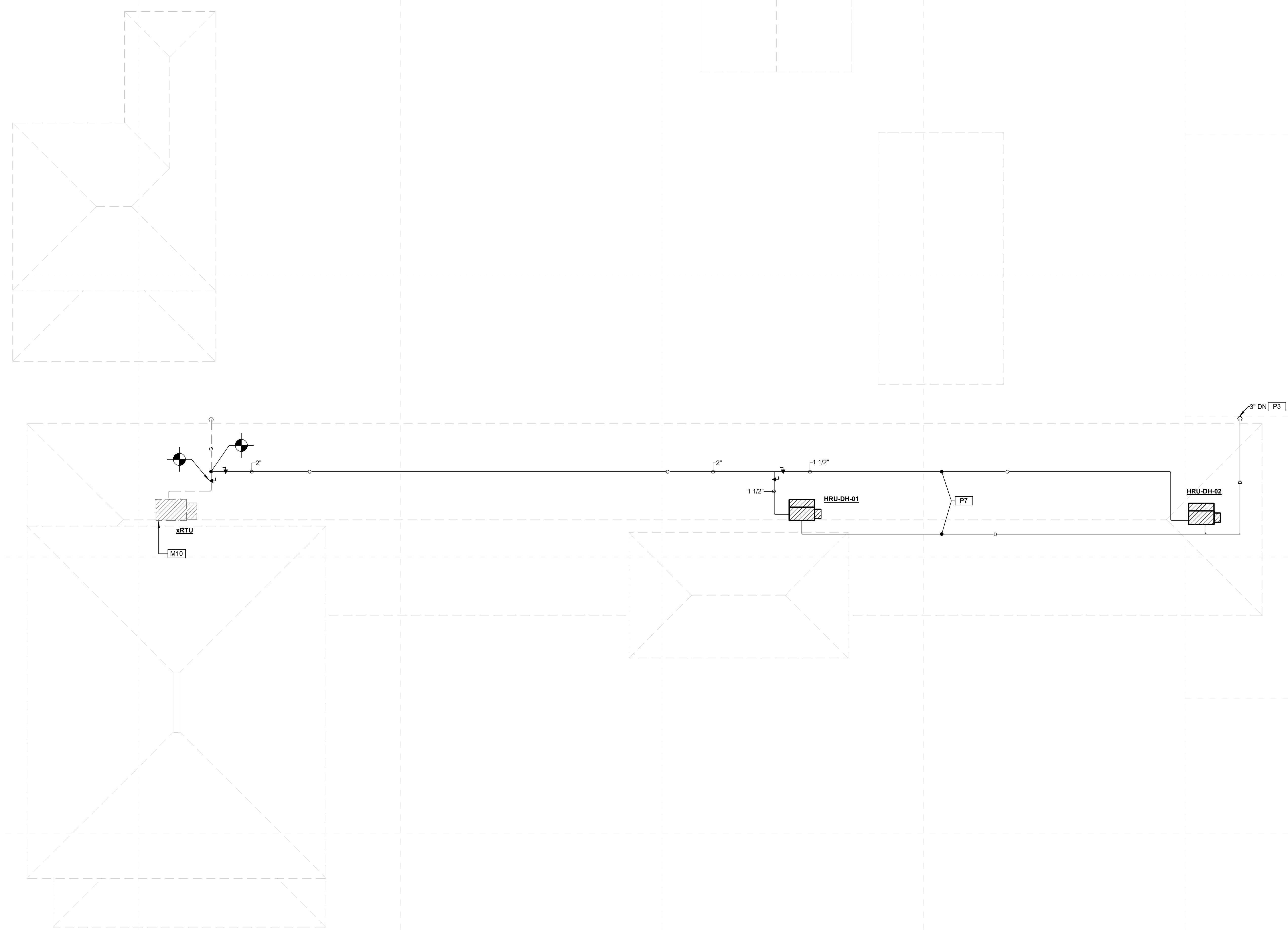
Architects
One Jackson Place 250
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Ridgeland, MS 39157
p 601.790.9432
161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409
dalebaileyplans.com

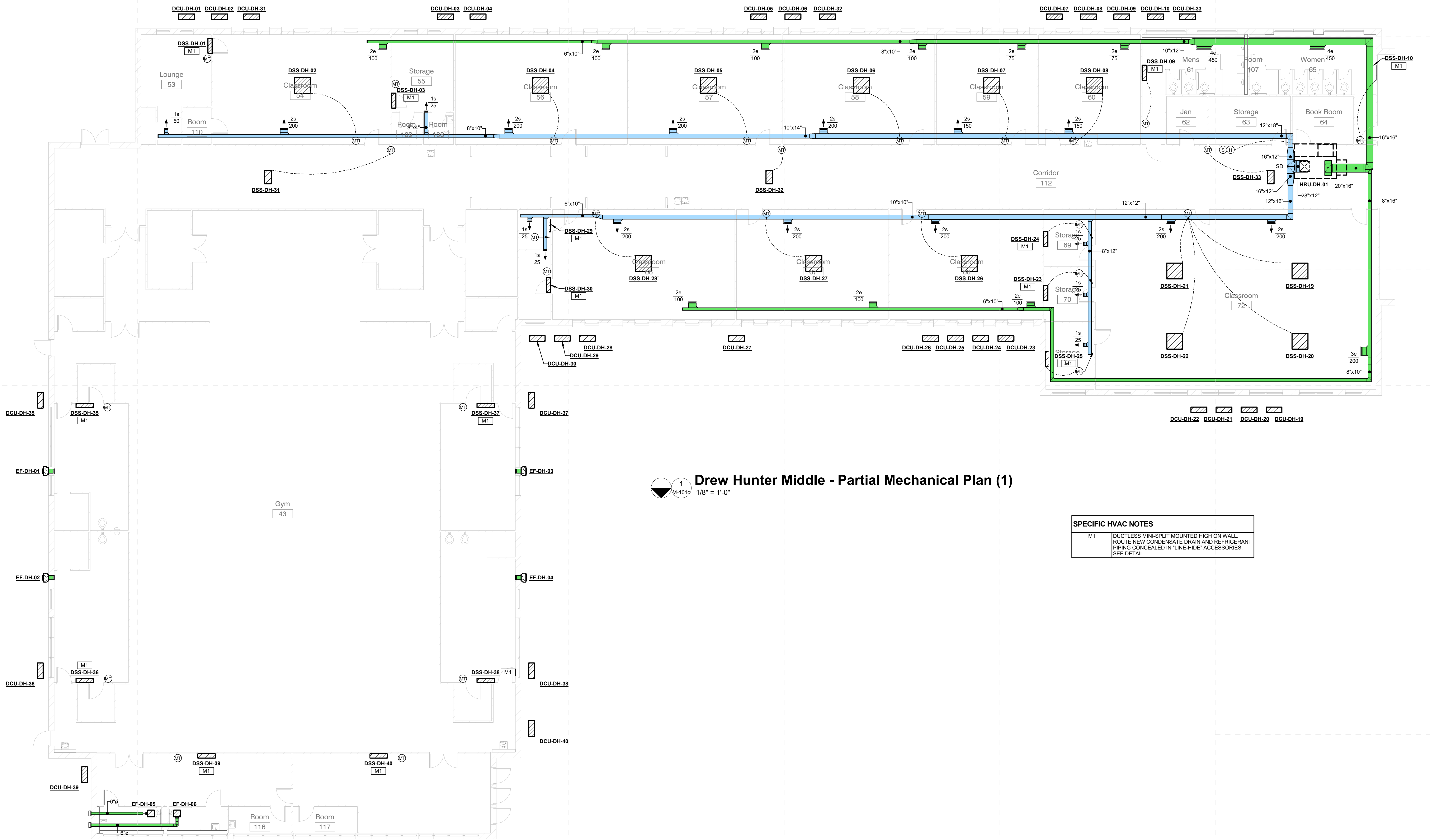
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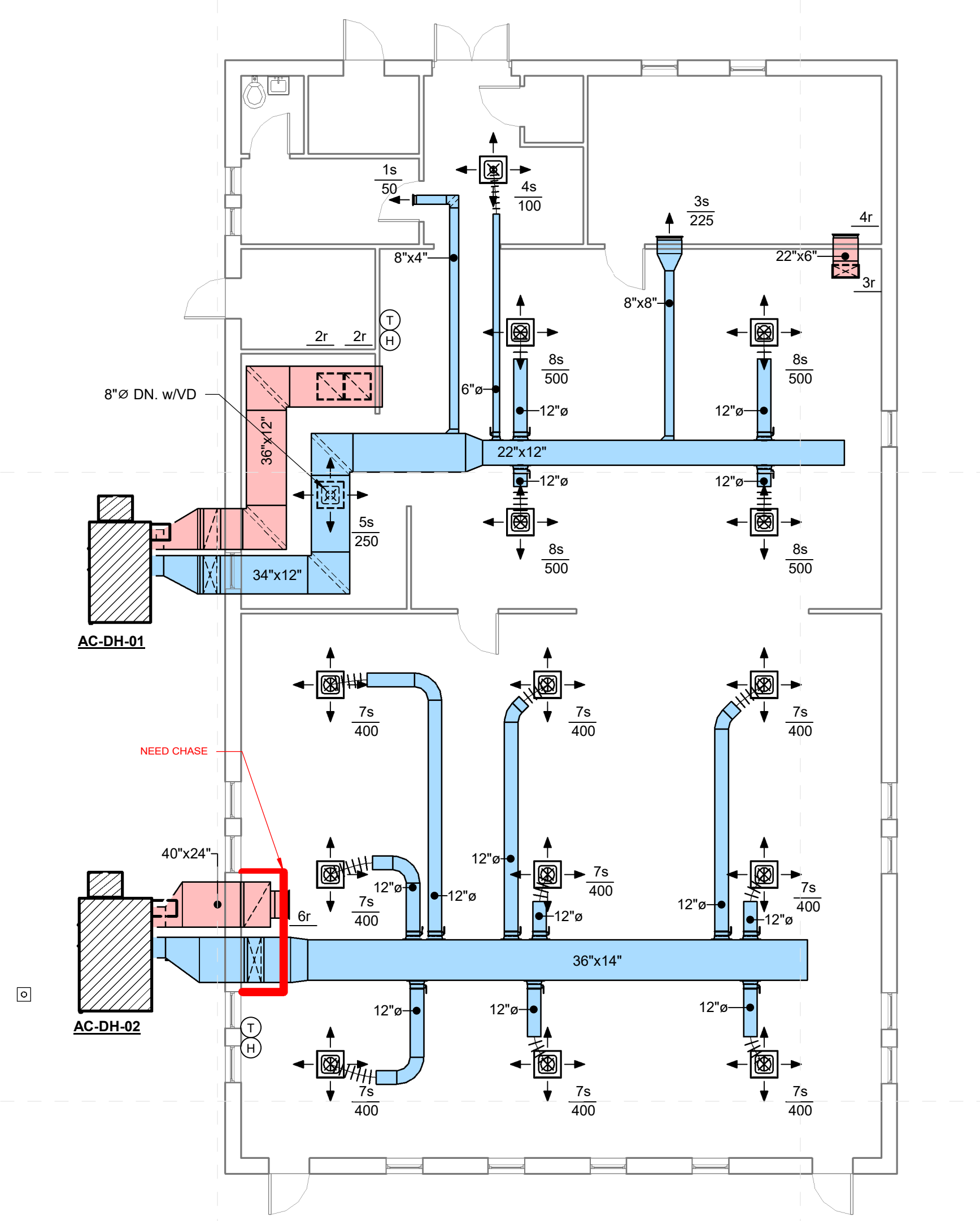
100% Construction Documents

Project No	21027
Date	2 February 2022
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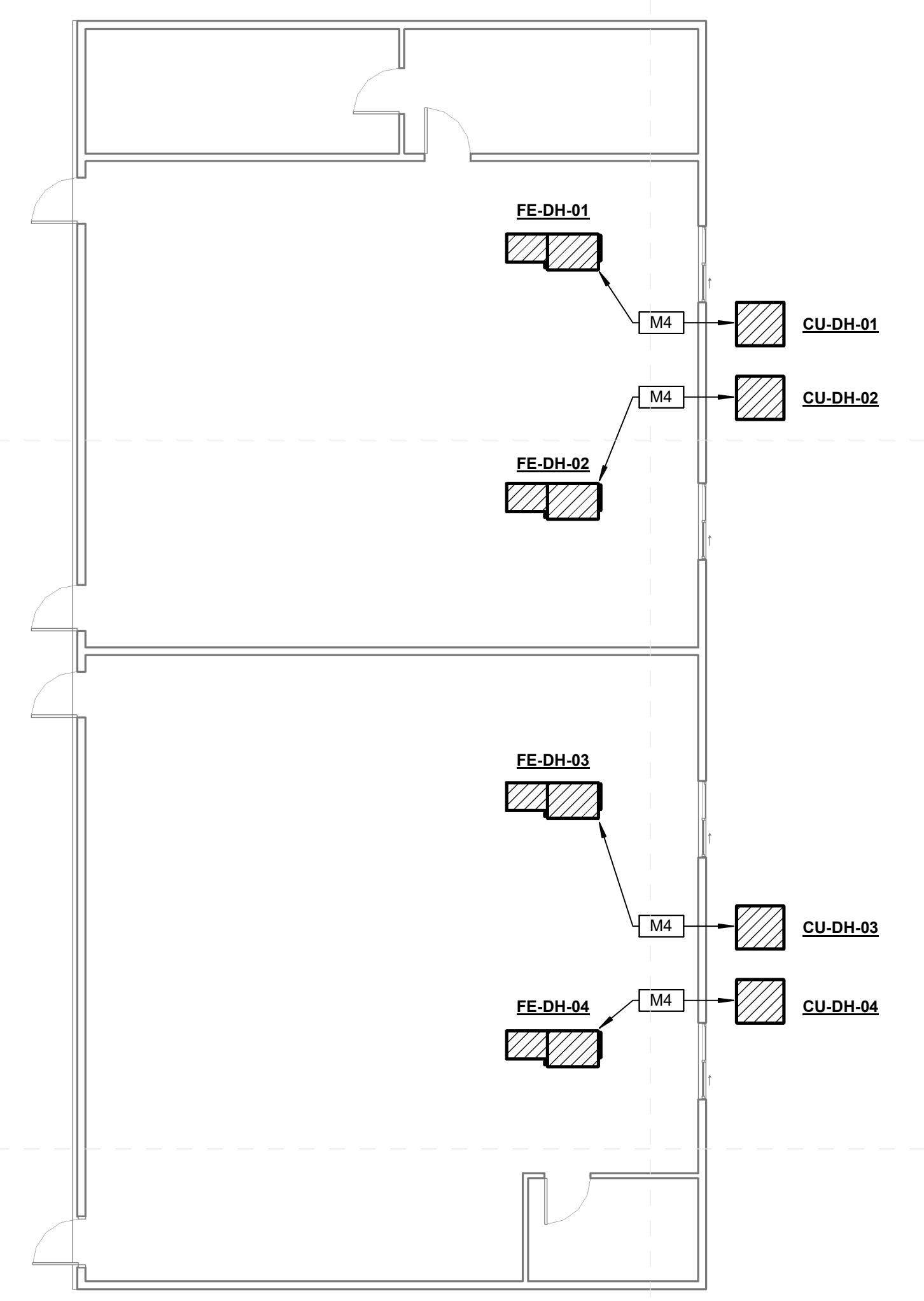


Drew Hunter Middle - Partial Mechanical Plan (1)
1/8" = 1'-0"



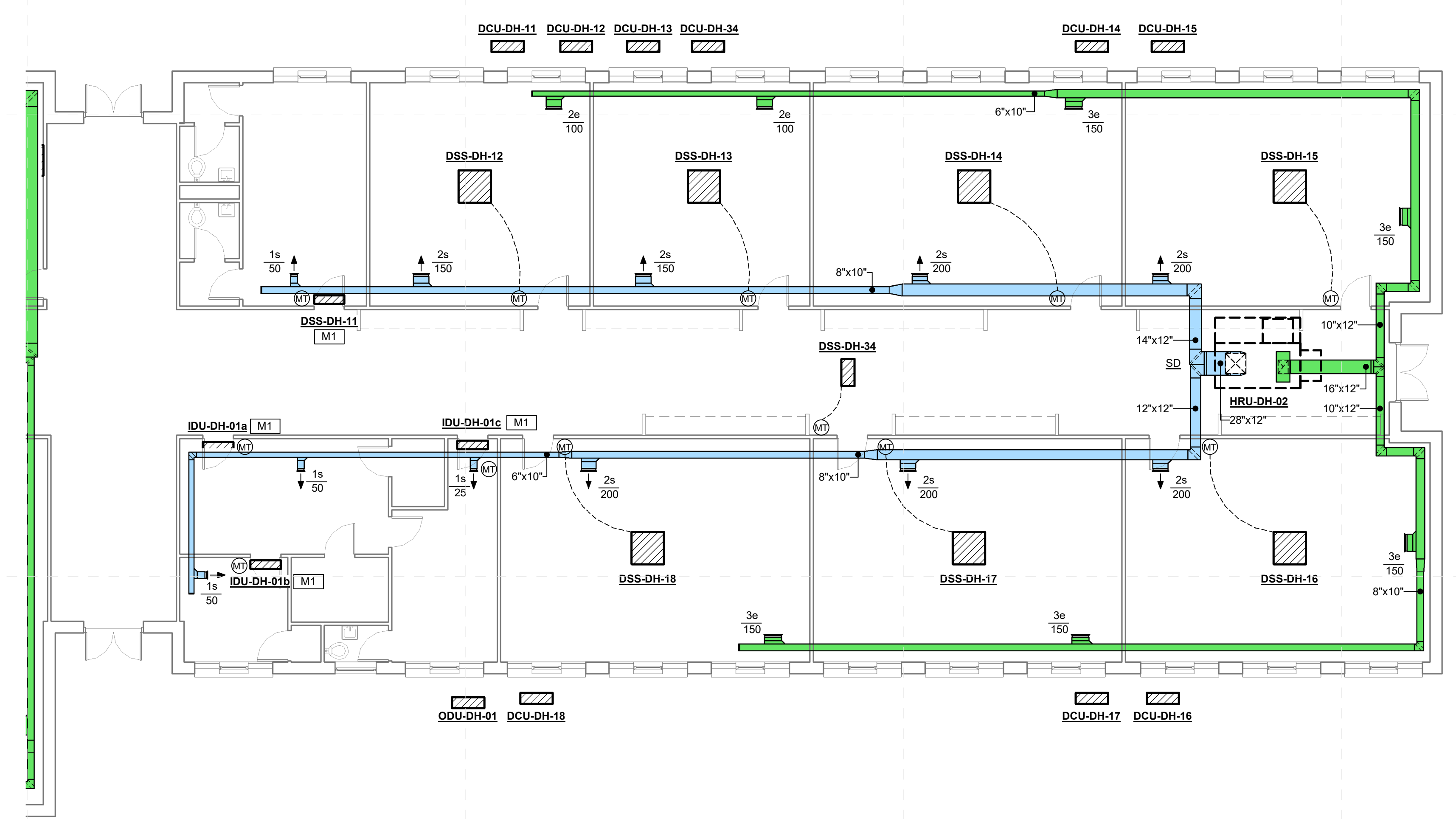
3
M-102c
1/8" = 1'-0"

Drew Hunter Middle - Partial Mechanical Plan (4)



2
M-102c
1/8" = 1'-0"

Drew Hunter Middle - Partial Mechanical Plan (3)



1
M-102c
1/8" = 1'-0"

Drew Hunter Middle - Partial Mechanical Plan (2)

SPECIFIC HVAC NOTES	
M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN "LINE-HIDE" ACCESSORIES. SEE DETAIL.
M4	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING TRUNK DUCT. RE-CONNECT EXISTING GAS SERVICE PIPING (WHERE APPLICABLE, WITH NEW UNION, GAS COCK AND DRIP LEG). CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT (IN SAME LOCATION AS EXISTING). EXISTING REFRIGERANT PIPING SIZES SHALL BE FIELD VERIFIED TO BE COMPATIBLE WITH NEW UNIT. IF COMPATIBLE, EXISTING PIPING TO BE CLEANED UTILIZING PIPE-WIPER (BY A-JACKS MANUFACTURING) AND FLUSHED WITH QUIK SYSTEM FLUSH BY MAINSTREAM ENGINEERING CORPORATION. SUBSEQUENTLY, EXISTING PIPING SHALL BE PRESSURE TESTED AND CLEANED AS REQUIRED FOR NEW INSTALLATION. IF NOT COMPATIBLE, EXISTING PIPING SHALL BE DEMOLISHED AND NEW REFRIGERANT PIPING PROVIDED. ROUTE NEW FLUE THROUGH ROOF OR SIDEWALL UTILIZING EXISTING OPENINGS. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTION.

DALE BAILEY
AN ASSOCIATION

Architects

One Jackson Place 250
188 East Capitol Street
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p 601.352.5411

201 Park Court Suite B
Ridgeland, MS 39157
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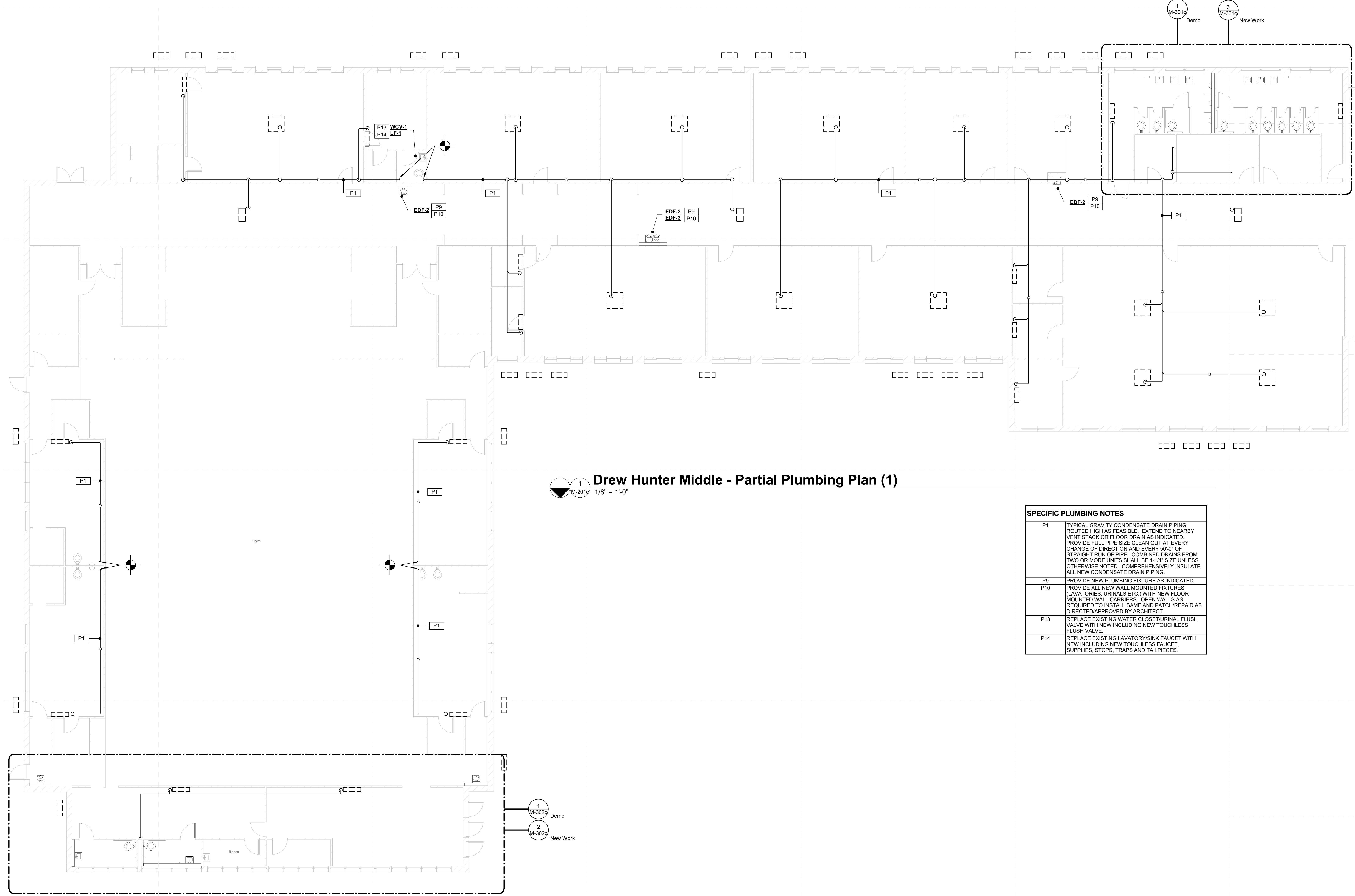
GSK
MECHANICAL
Consulting Engineering

201 Park Court Suite A11 Ridgeland, MS 39157
P: 601.600.2000 F: 601.600.3111
www.gskmech.com

GSK#: 110-077

M-102c

Drew Hunter - Partial
Mechanical Plans

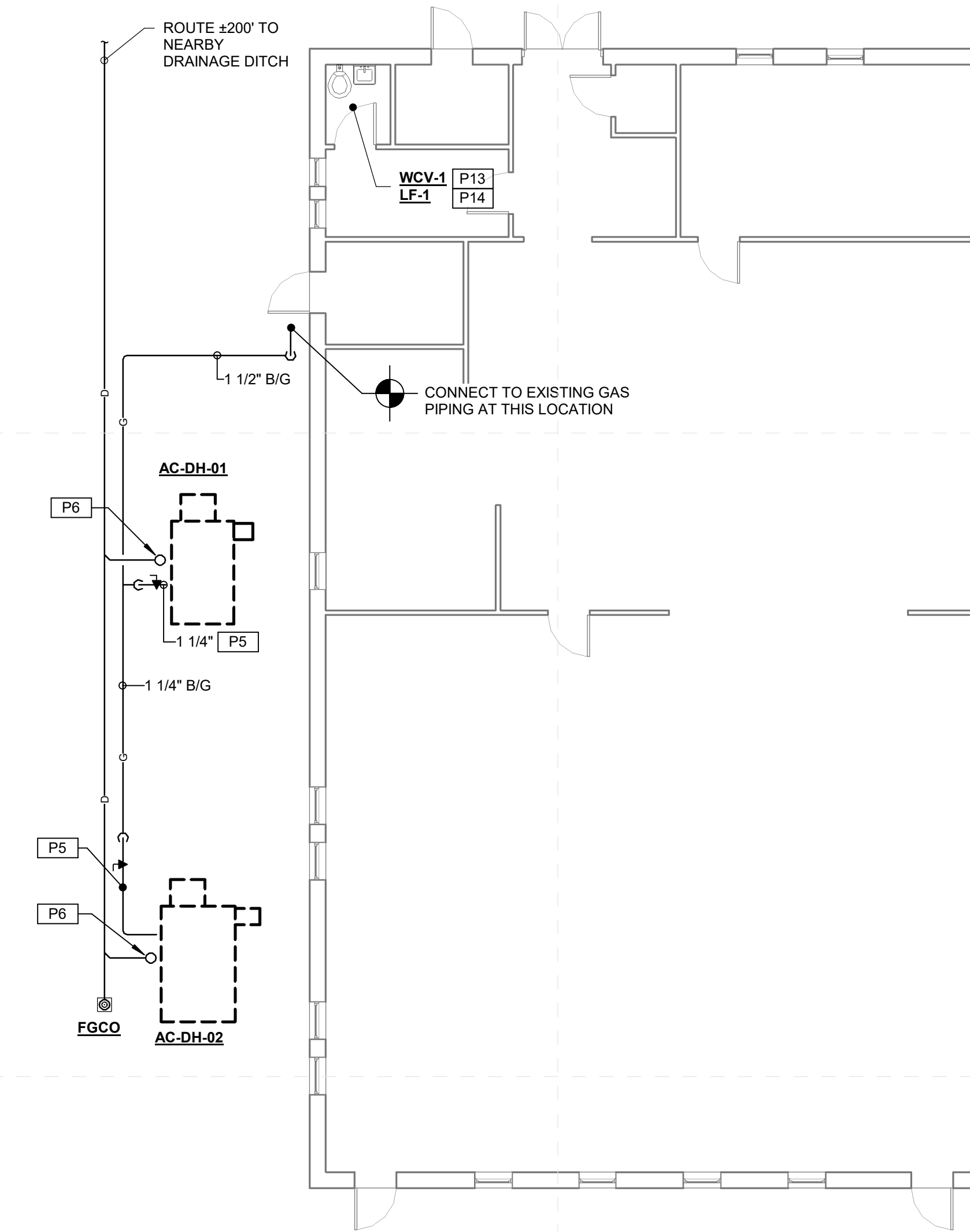


Drew Hunter Middle - Partial Plumbing Plan (1)
1/8" = 1'-0"

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 90° OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS, ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P13	REPLACE EXISTING WATER CLOSET/URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET, SUPPLIES, STOPS, TRAPS AND TAILPIECES.

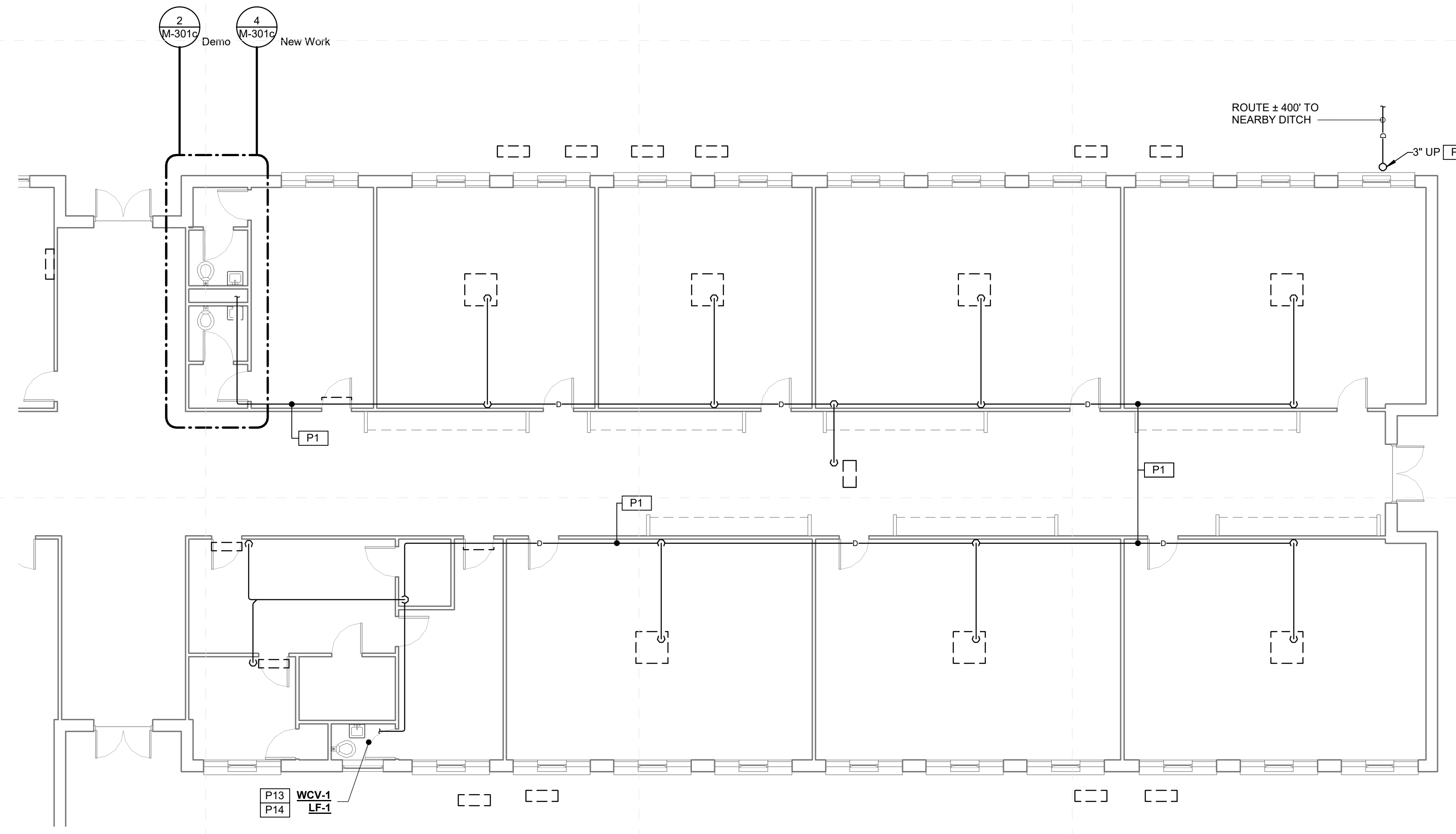


SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE. CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 90° OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/2" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O. C. PRIME/PAIN EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P5	ROUTE NEW GAS PIPING ATOP UNSTRUCT SUPPORTS ATOP NEW EQUIPMENT CONCRETE PAD.
P6	TYPICAL TRAPPED HUB DRAIN (SIZE AS INDICATED) FOR PAD MOUNTED PACKAGE UNIT CONDENSATE DRAIN. SEE DETAIL FOR CLARITY. TRAP MAY BE OMITTED WHEN CONNECTING TO STORM DRAINAGE.
P13	REPLACE EXISTING WATER CLOSET URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET. SUPPLIES, STOPS, TRAPS AND TAILPIECES.



Main Building Square Footage: 4,270

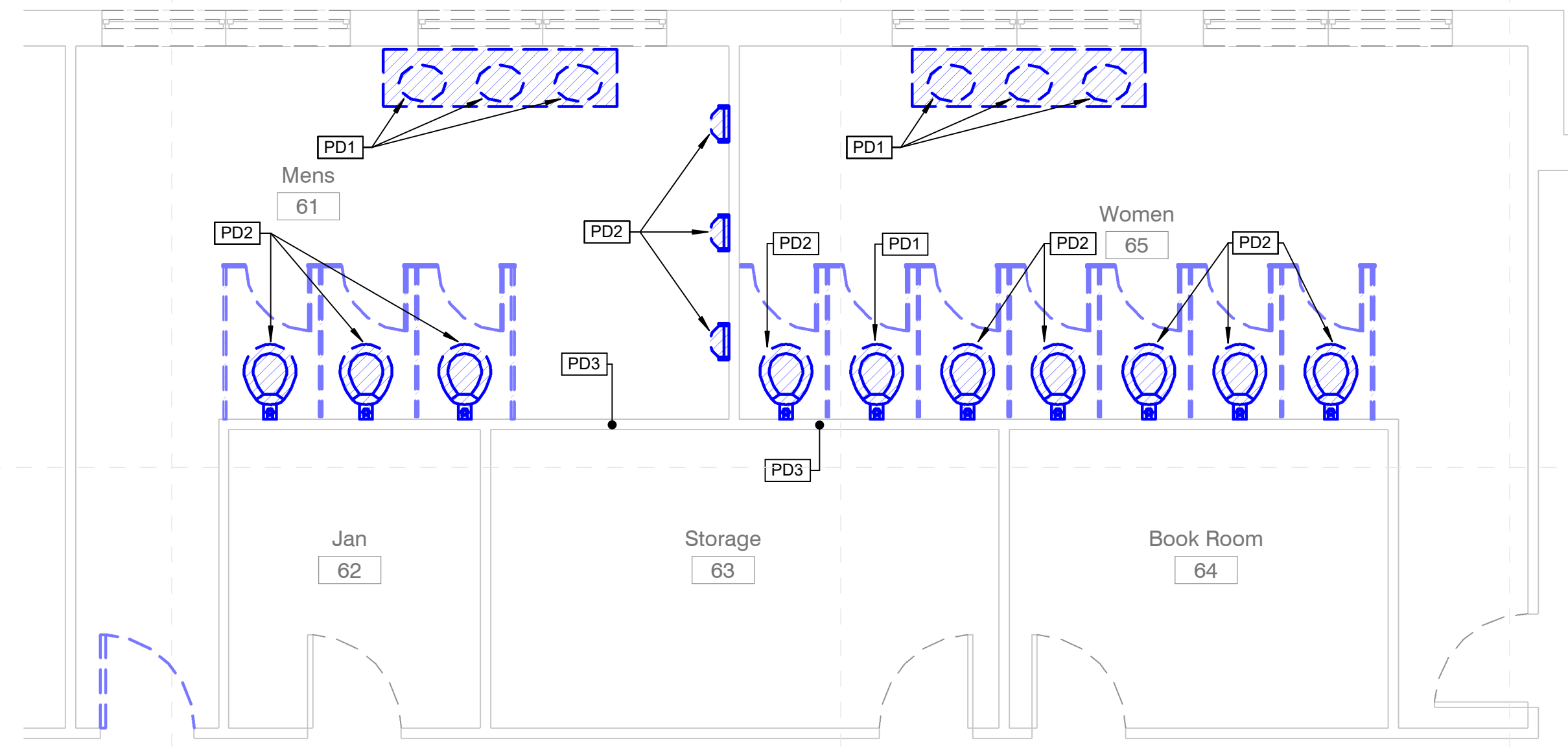
Drew Hunter Middle - Partial Plumbing Plan (3)
1/8" = 1'-0"



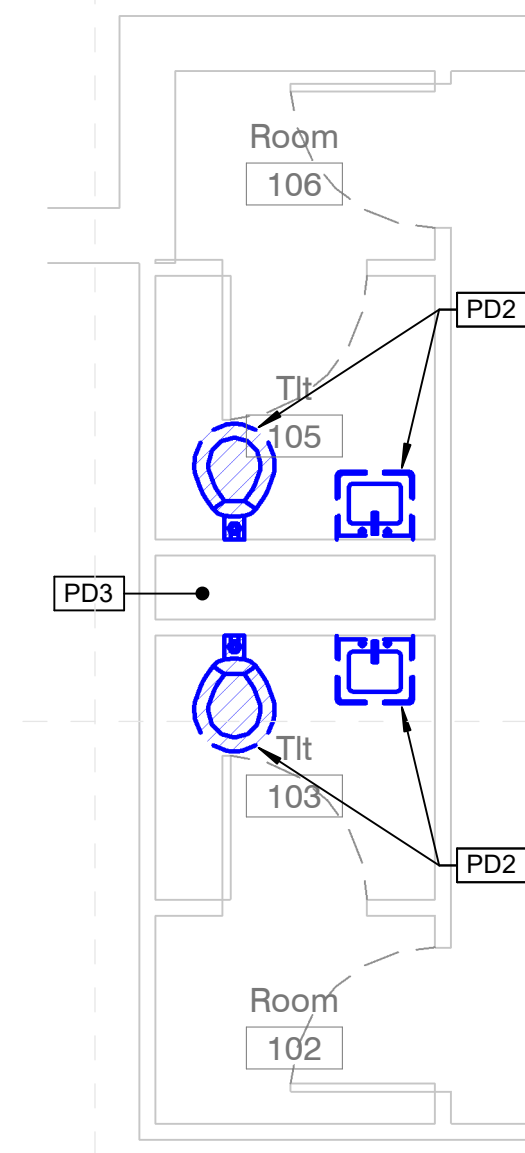
Drew Hunter Middle - Partial Plumbing Plan (2)
1/8" = 1'-0"

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.
PD3	OPEN EXISTING WALL/CHASE FOR NEW PLUMBING INSTALLATIONS.

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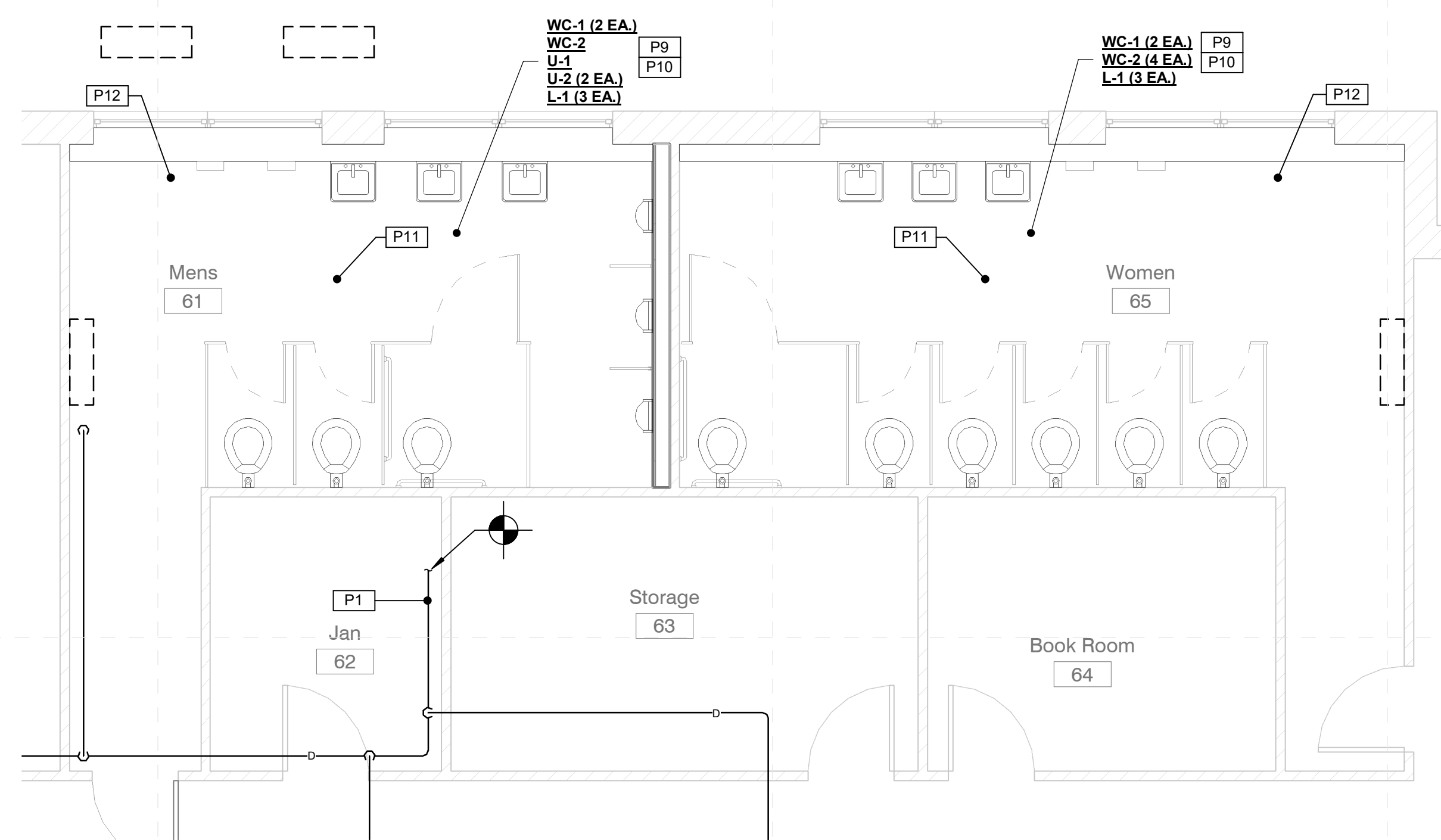


1 M-301c 1/4" = 1'-0"
Drew Hunter Middle - Enlarged Plumbing Demo Plan (1)

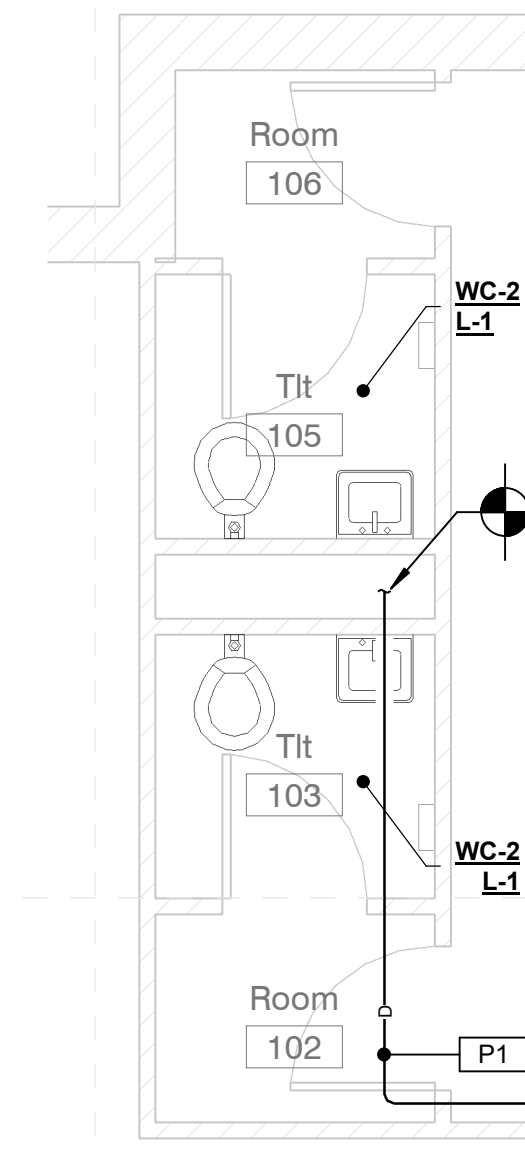


2 M-301c 1/4" = 1'-0"
Drew Hunter Middle - Enlarged Plumbing Demo Plan (2)

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
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P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING CLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.



3 M-301c 1/4" = 1'-0"
Drew Hunter Middle - Enlarged Plumbing New Work Plan (1)



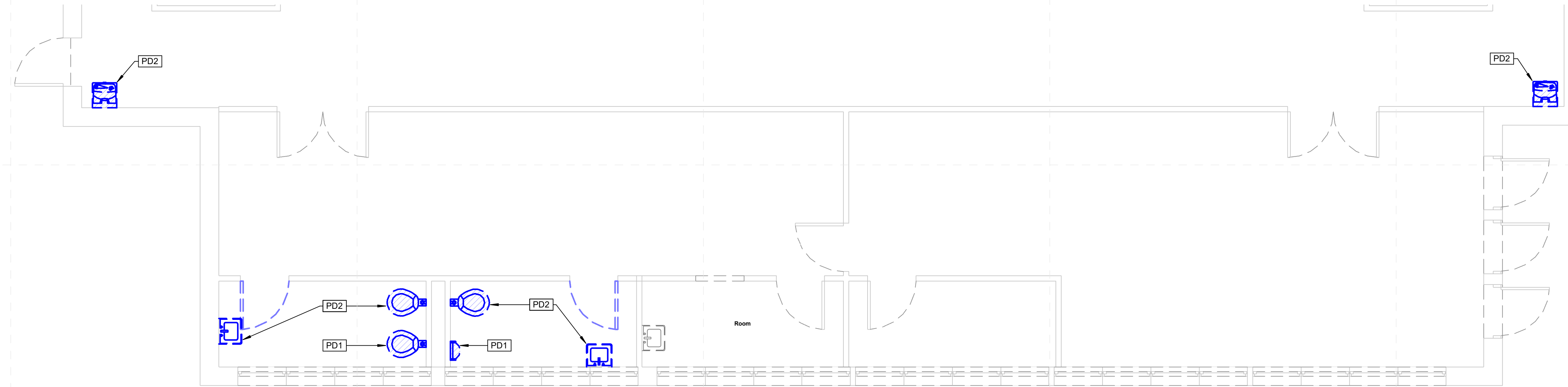
4 M-301c 1/4" = 1'-0"
Drew Hunter Middle - Enlarged Plumbing New Work Plan (2)

GENERAL PLUMBING NOTE:
SEE SHEET M-080 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.

Sunflower Consolidated School District ESSER 2&3 Phase I

100% Construction Documents
Project No 21027
Date 2 February 2022
Revisions Rev Date

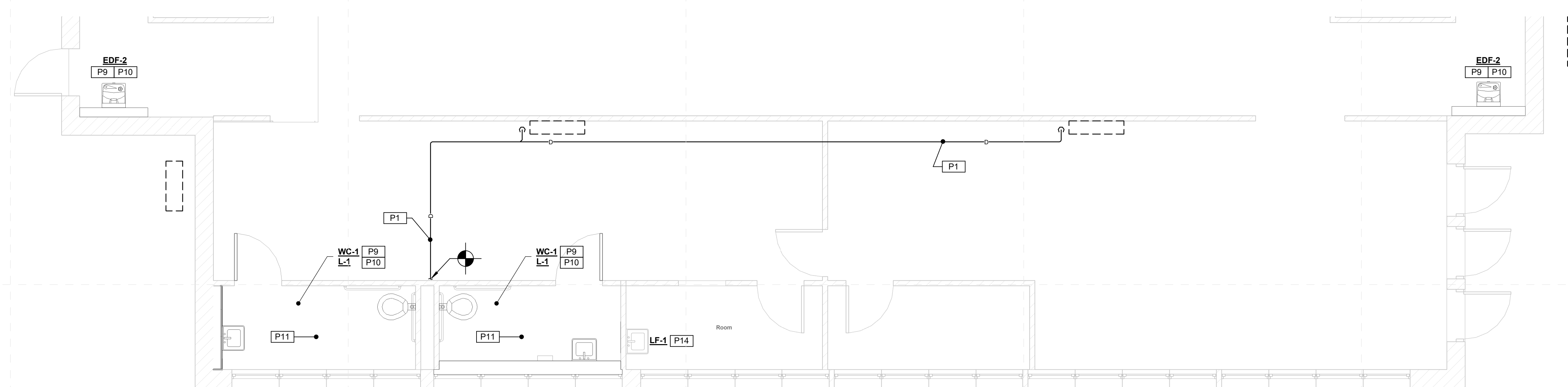
SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.



1 Drew Hunter Middle - Enlarged Plumbing Demo Plan (3)
1/4" = 1'-0"

GENERAL PLUMBING NOTE:
SEE SHEET M-300 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET. SUPPLIES, STOPS, TRAPS AND TAILPIECES.



2 Drew Hunter Middle - Enlarged Plumbing New Work Plan (3)
1/4" = 1'-0"



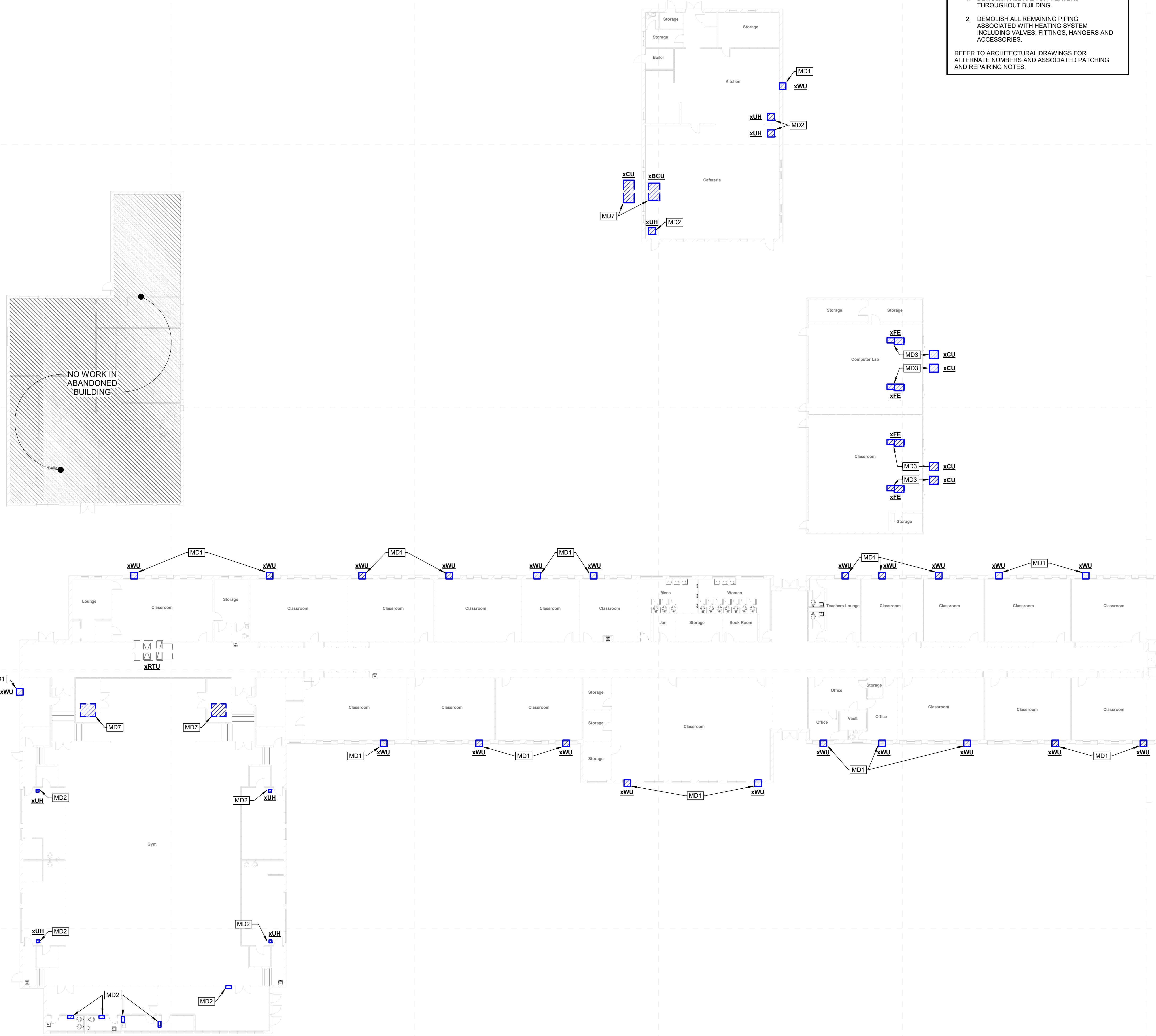
**HEATING WATER SYSTEM
DEMOLITION NOTES:**

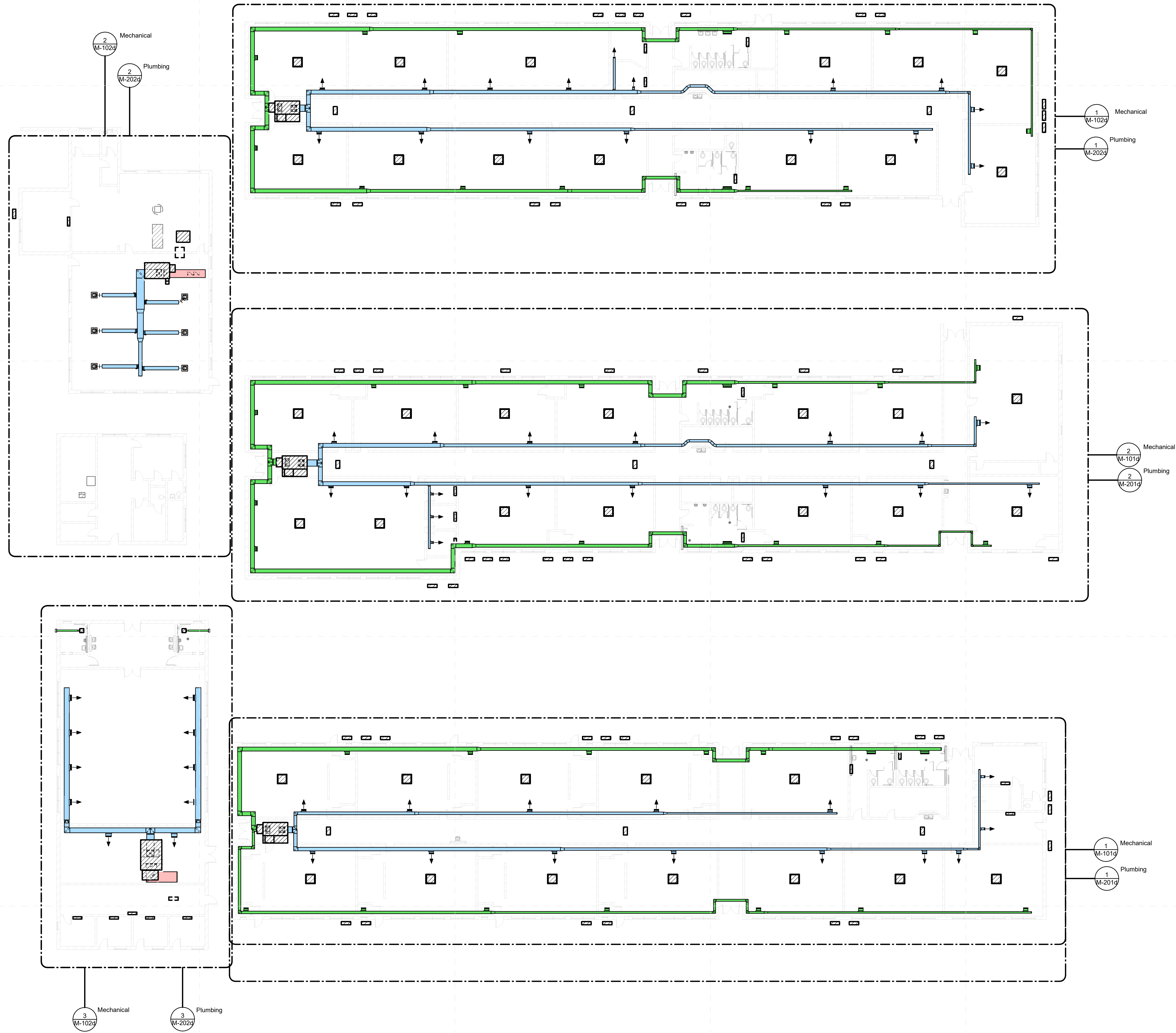
BASE BID:
UNDER BASE BID, CONTRACTOR SHALL DEMOLISH ALL EXPOSED PIPING ASSOCIATED WITH HEATING SYSTEM, INCLUDING VALVES, FITTINGS, HANGERS AND ACCESSORIES.

ALTERNATE BID(S):
UNDER ALTERNATE BID(S), CONTRACTOR SHALL:
1. DEMOLISH ALL RADIANT HEATERS THROUGHOUT BUILDING.
2. DEMOLISH ALL REMAINING PIPING ASSOCIATED WITH HEATING SYSTEM INCLUDING VALVES, FITTINGS, HANGERS AND ACCESSORIES.

REFER TO ARCHITECTURAL DRAWINGS FOR ALTERNATE NUMBERS AND ASSOCIATED PATCHING AND REPAIRING NOTES.

SPECIFIC HVAC DEMOLITION NOTES	
MD1	DEMOLISH EXISTING WINDOW UNIT. REFER TO ARCHITECTURAL DRAWINGS FOR WINDOW/WALL INFILL.
MD2	DEMOLISH EXISTING HEATER AS INDICATED EXISTING FLUE THROUGH ROOF TO BE CAPPED PER DETAIL WHERE APPLICABLE.
MD3	REPLACE EXISTING AIR CONDITIONING EQUIPMENT WITH NEW IN SAME LOCATION.
MD7	DEMOLISH EXISTING AIR CONDITIONING EQUIPMENT AS INDICATED.





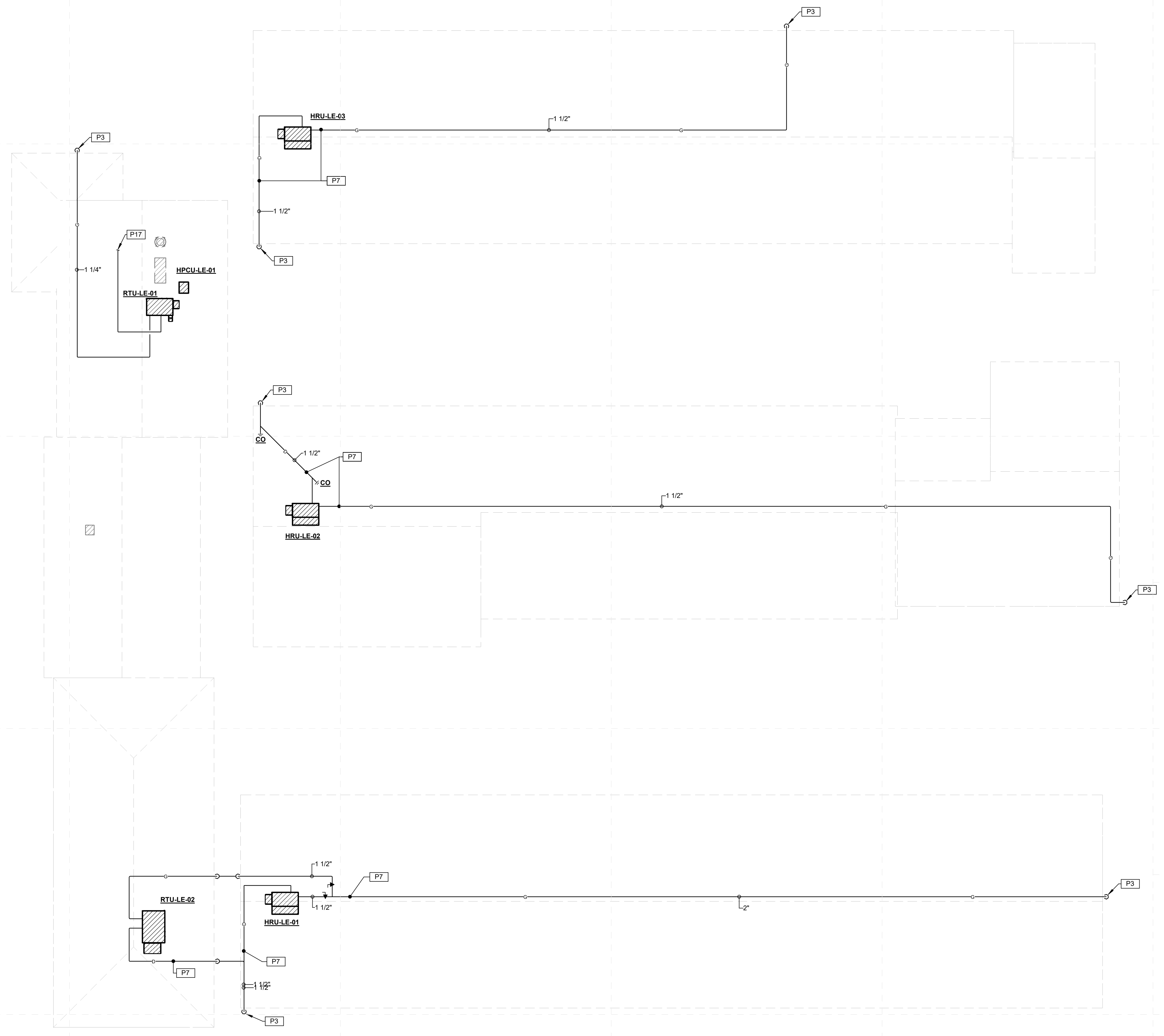
Lockard Elementary - Overall Mechanical Plan
1/16" = 1'-0"

SPECIFIC PLUMBING NOTES	
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAINT EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P7	ALL CONDENSATE AND GAS PIPING SHALL BE SUPPORTED PER ROOFTOP PIPING SUPPORT DETAIL AND SPECIFICATIONS.
P17	ROUTE NEW CONDENSATE DRAIN PIPING FROM ROOFTOP EQUIPMENT TO EXISTING VENT THROUGH ROOF AND WITH ELBOW TURNED DOWN.

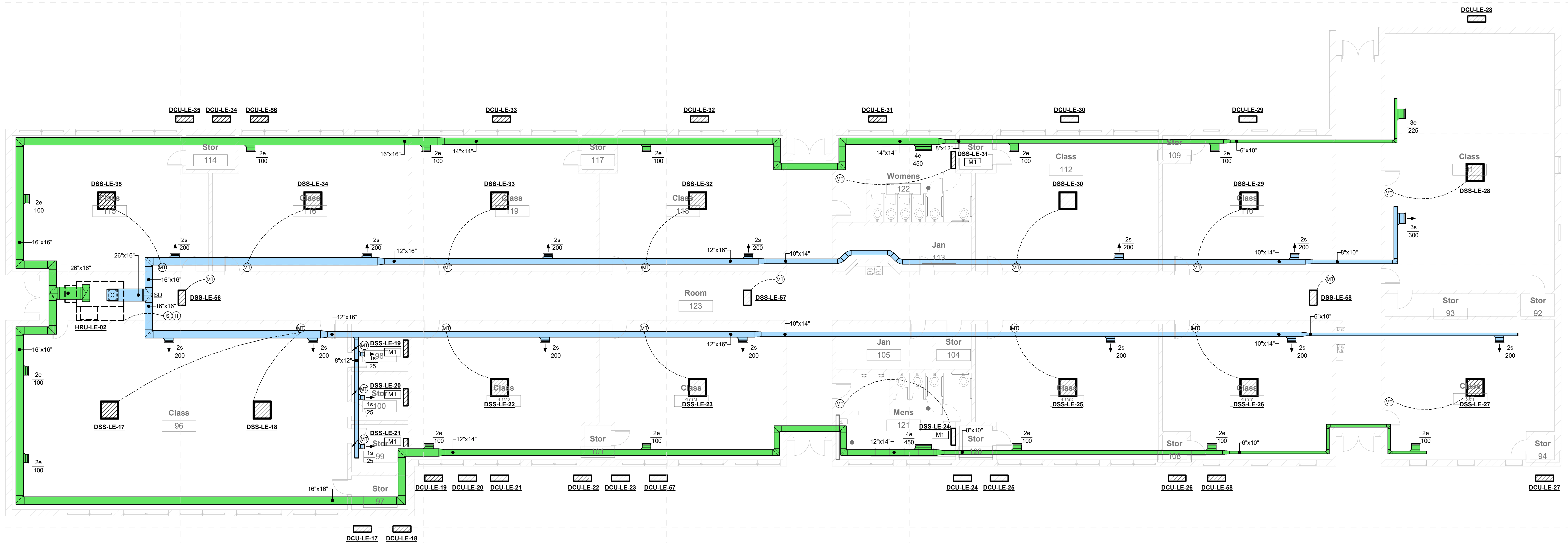


Project No	21027
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Revisions	Rev Date

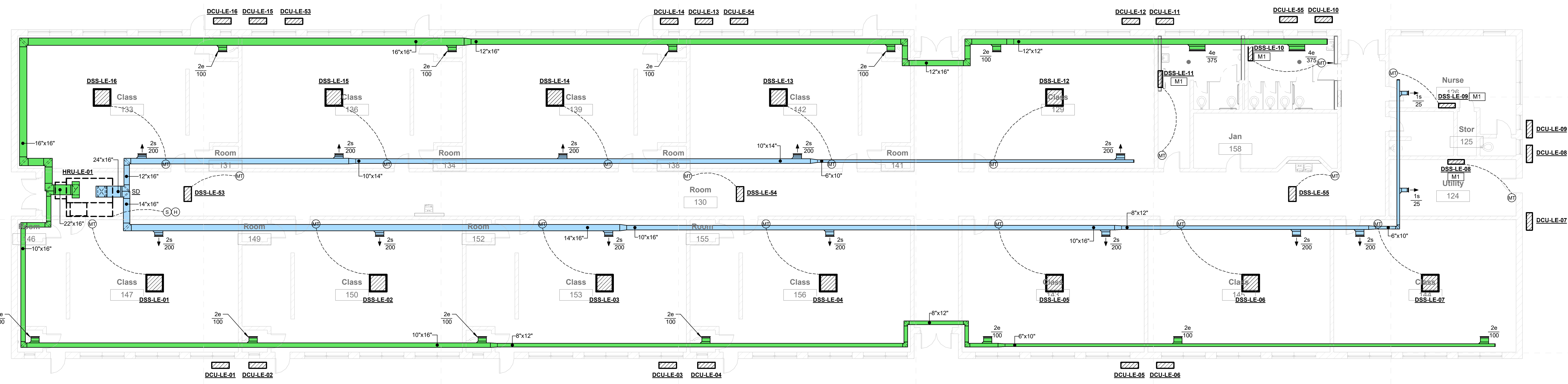


Lockard Elementary - Mechanical Roof Plan
1
M-002d 1/16" = 1'-0"

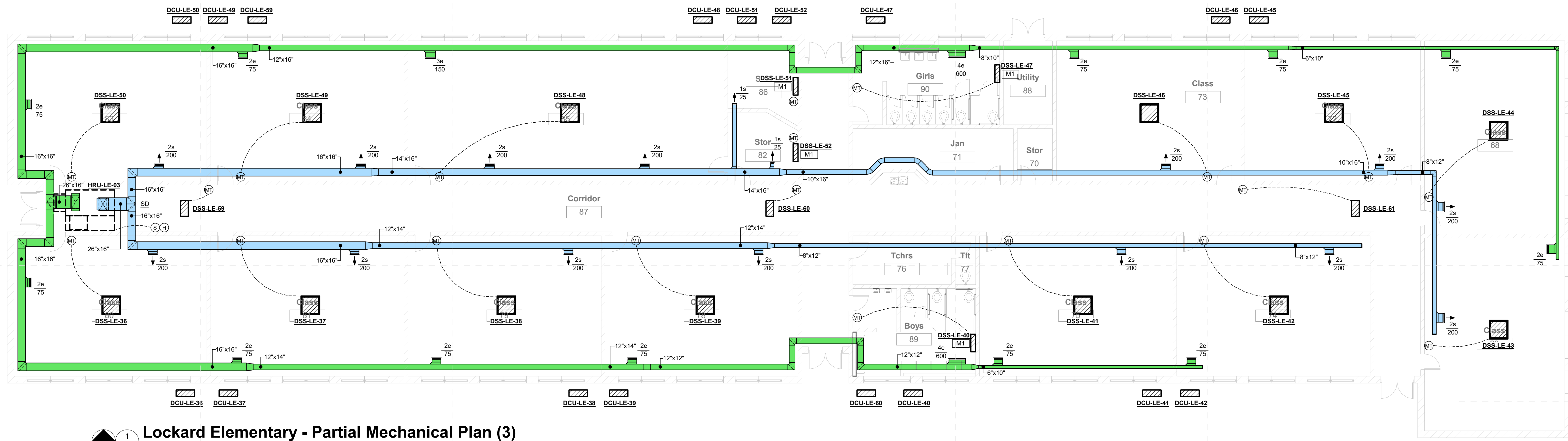


Lockard Elementary - Partial Mechanical Plan (2)
M-101d 1/8" = 1'-0"

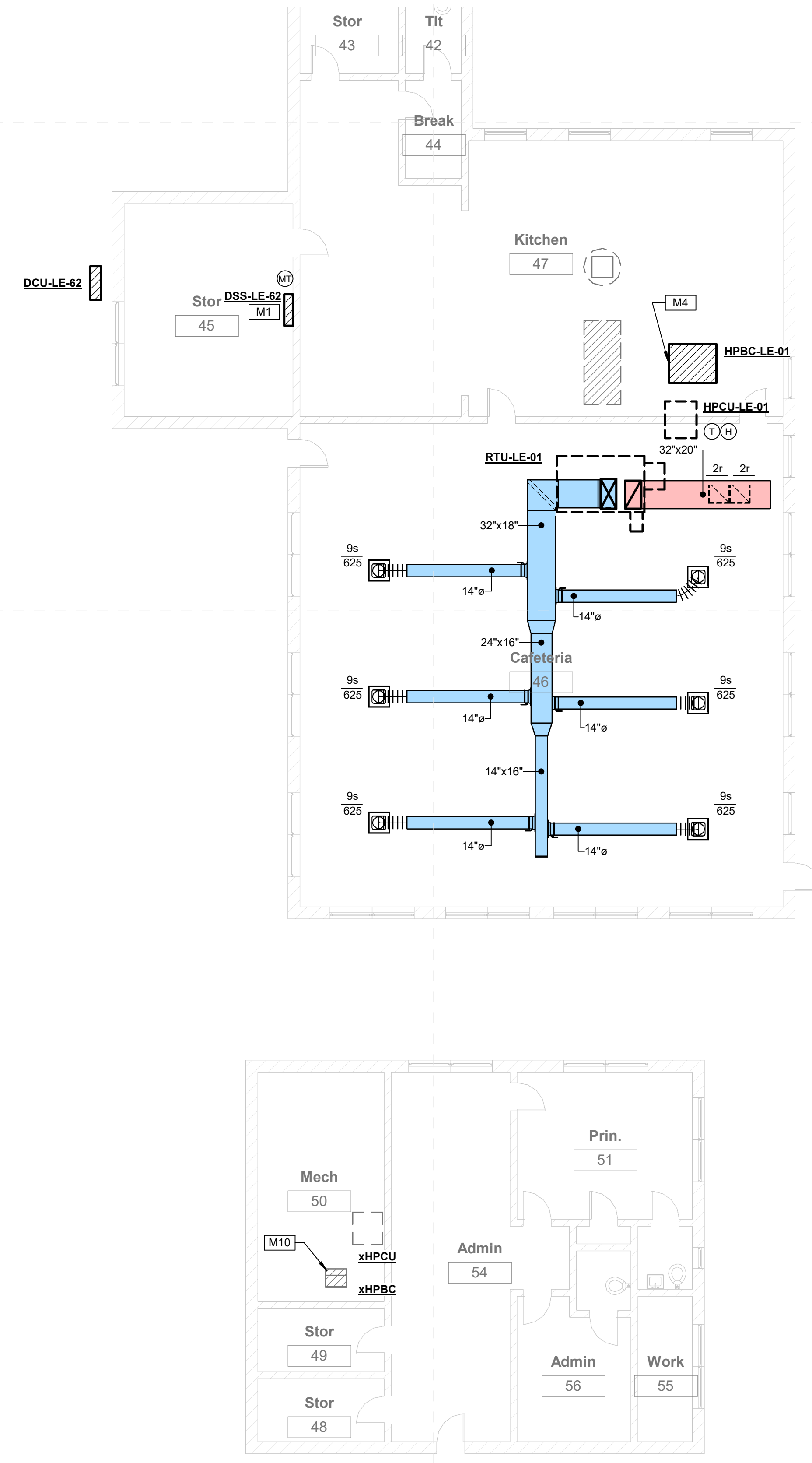
SPECIFIC HVAC NOTES
M1 DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN 'LINE-HIDE' ACCESSORIES. SEE DETAIL.



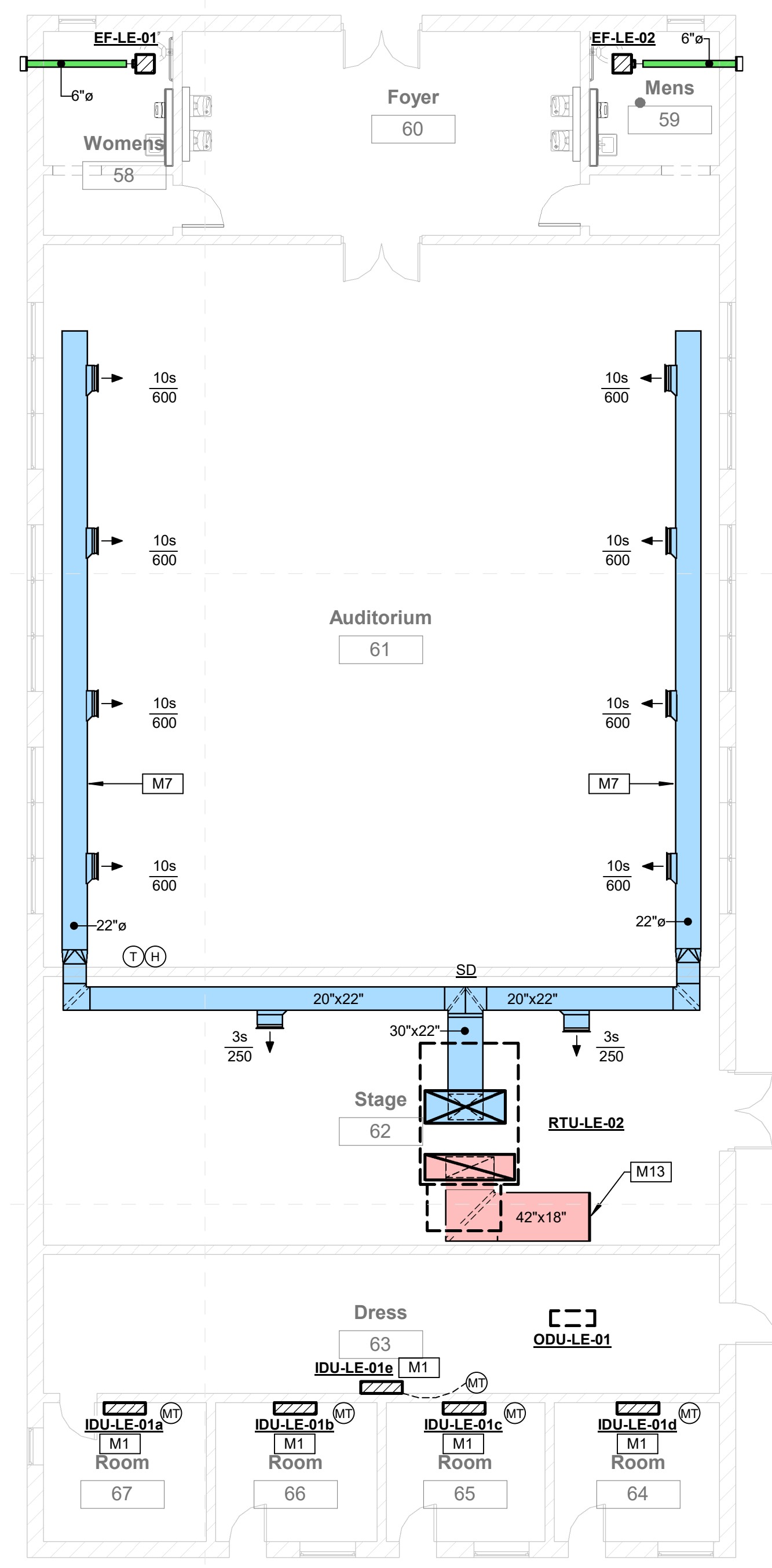
Lockard Elementary - Partial Mechanical Plan (1)
M-101d 1/8" = 1'-0"



Lockard Elementary - Partial Mechanical Plan (3)
M-102d 1/8" = 1'-0"



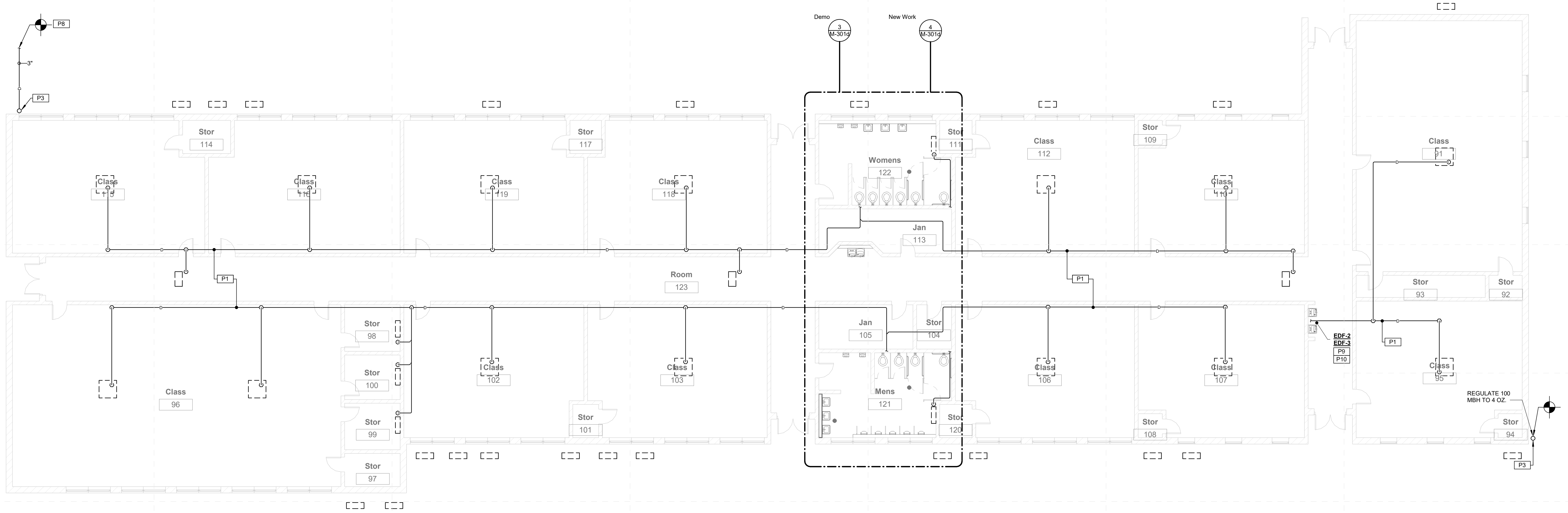
Lockard Elementary - Partial Mechanical Plan (4)
M-102d 1/8" = 1'-0"



Lockard Elementary - Partial Mechanical Plan (5)
M-102d 1/8" = 1'-0"

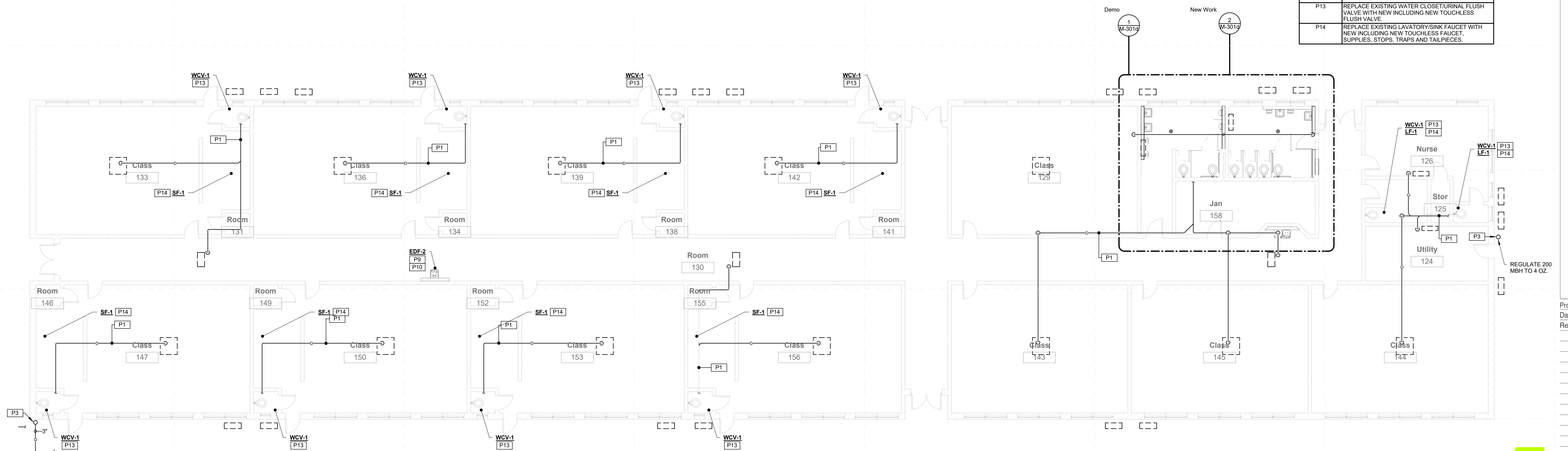
SPECIFIC HVAC NOTES

M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN "LINE-HIDE" ACCESSORIES. SEE DETAIL.
M4	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING TRUNK DUCT. RE-CONNECT EXISTING GAS SERVICE PIPING (WHERE APPLICABLE, WITH NEW UNION, GAS COCK AND DRIP LEG). CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT (IN SAME LOCATION AS EXISTING). EXISTING REFRIGERANT PIPING SIZES SHALL BE FIELD VERIFIED TO BE COMPATIBLE WITH NEW UNIT. IF COMPATIBLE, EXISTING PIPING TO BE CLEANED UTILIZING PIPE-WIPER (S) & JACKS MANUFACTURING) AND FLUSHED WITH QUIK SYSTEM PROVIDED. ROUTE NEW FLUE THROUGH ROOF OR SIDEWALL UTILIZING EXISTING OPENING. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTION.
M7	TYPICAL DOUBLE WALL INSULATED SPIRAL DUCTWORK Routed HIGH NEAR BOTTOM OF STRUCTURE AS INDICATED. PRIME AND PAINT ALL EXPOSED DUCTWORK AS DIRECTED/APPROVED BY ARCHITECT. LOCATE DUCTS SYMMETRICALLY IN SPACE WITH EXPOSED STRUCTURE AND AS APPROVED BY ARCHITECT.
M10	CONTRACTOR SHALL INSTALL NEW NEEDLEPOINT IONIZATION DEVICE IN EXISTING HVAC EQUIPMENT. SEE SCHEDULE.
M13	PROVIDE VANED INTERIOR ACOUSTICALLY LINED ELBOW ABOVE CEILING ON R/A OUTLET OF UNIT, WITH 1/2" SQ. OPENING GALVANIZED HARDWARE CLOTH OVER OPENING.

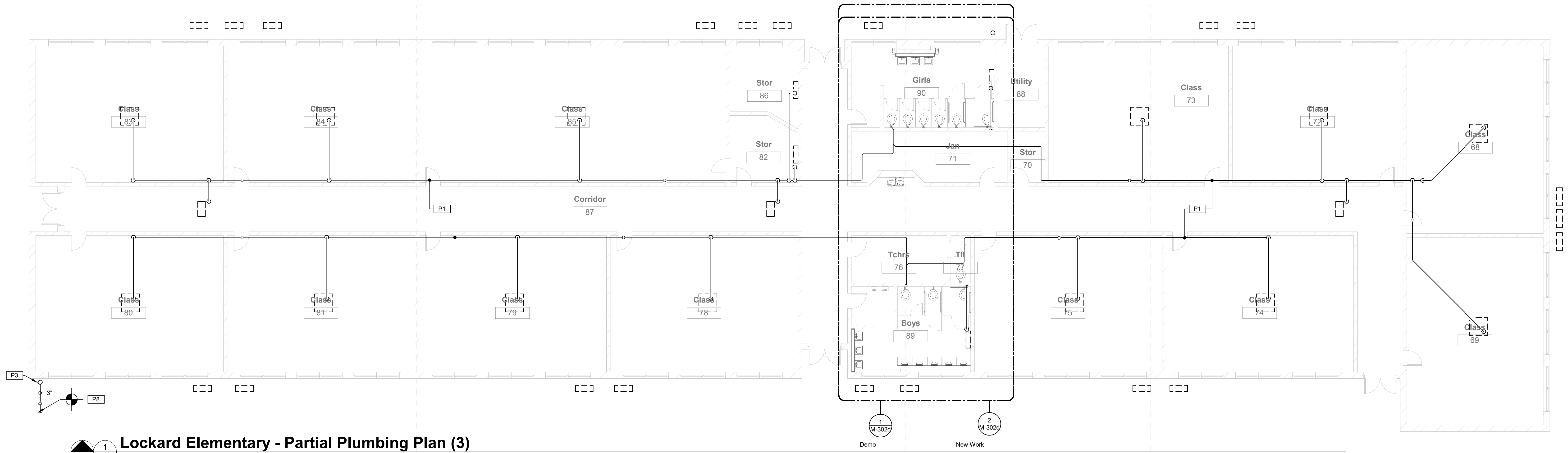


2 Lockard Elementary - Partial Plumbing Plan (2)
M-201d 1/8" = 1'-0"

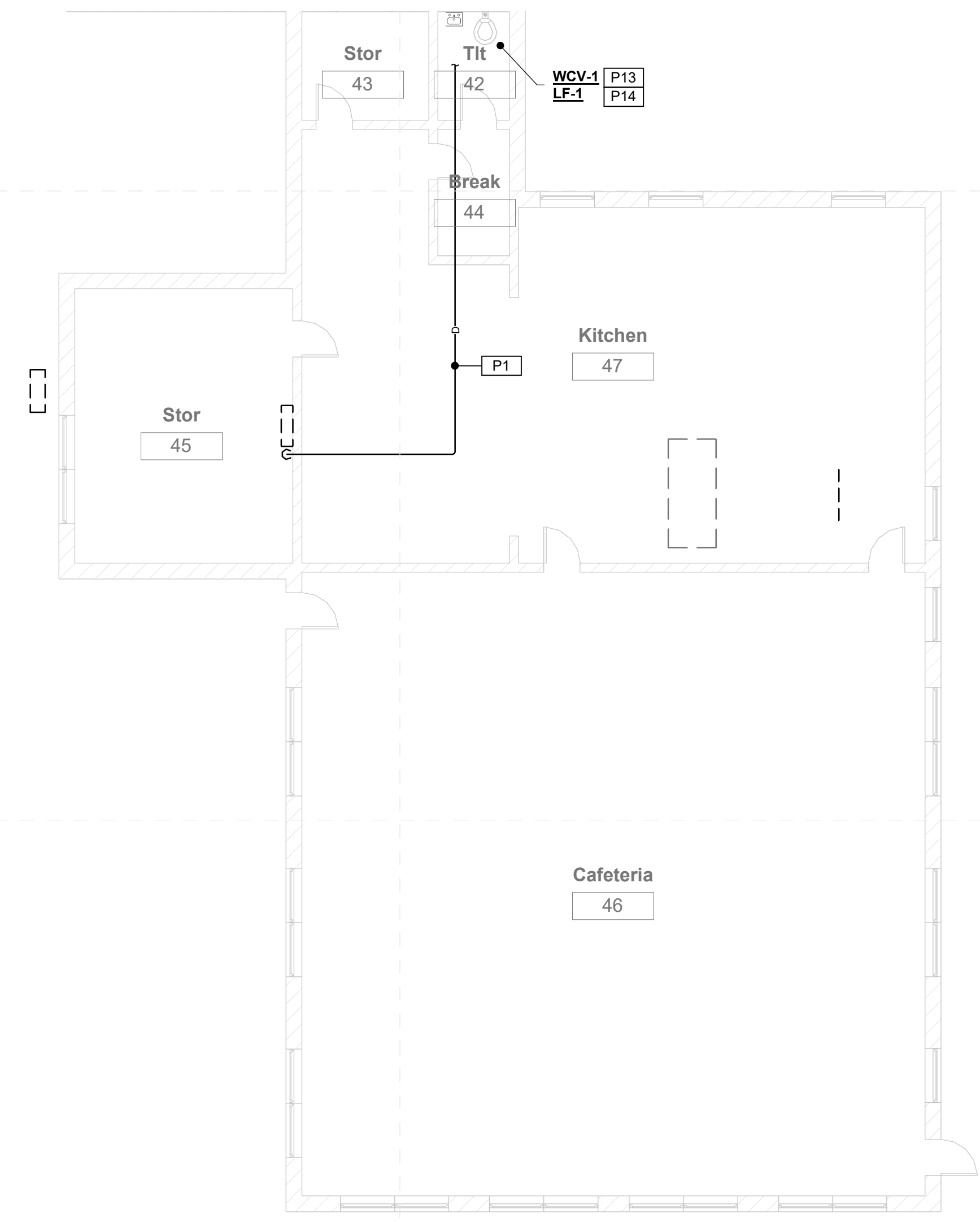
SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 90° OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAIN EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P8	CONNECT TO EXISTING DRAINAGE PIPING AT APPROXIMATELY THIS LOCATION. FIELD VERIFY LOCATION, SIZE AND INVERT PRIOR TO COMMENCING WITH WORK.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS, ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P13	REPLACE EXISTING WATER CLOSET/URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET, SUPPLIES, STOPS, TRAPS AND TAILPIECES.



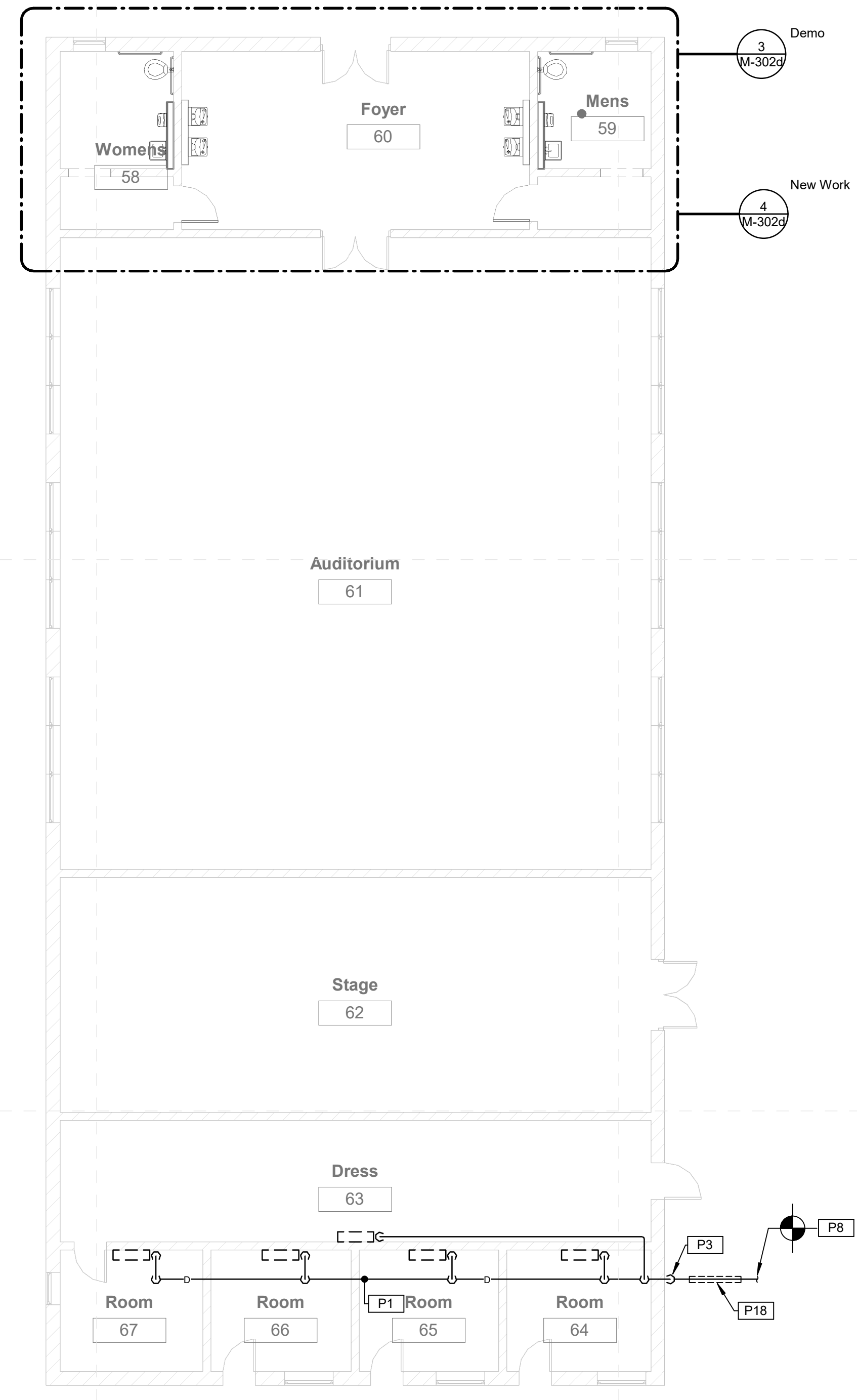
1 Lockard Elementary - Partial Plumbing Plan (1)
M-201d 1/8" = 1'-0"



Lockard Elementary - Partial Plumbing Plan (3)
1/8" = 1'-0"



Lockard Elementary - Partial Plumbing Plan (4)
1/8" = 1'-0"



Lockard Elementary - Partial Plumbing Plan (5)
1/8" = 1'-0"

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1"-1/2" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAINT EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P8	CONNECT TO EXISTING DRAINAGE PIPING AT APPROXIMATELY THIS LOCATION. FIELD VERIFY LOCATION, SIZE AND INVERT PRIOR TO COMMENCING WITH WORK.
P13	REPLACE EXISTING WATER CLOSET/URNAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET. SUPPLIES, STOPS, TRAPS AND TAILPIECES.
P18	BORE AND SLEEVE ACROSS EXISTING WALK TO INSTALL NEW GAS PIPING. SLEEVE SHALL EXTEND MINIMUM 36" BEYOND EDGE OF PAVING EACH SIDE AND BE OF SIZE TO MATCH APPLICATION.

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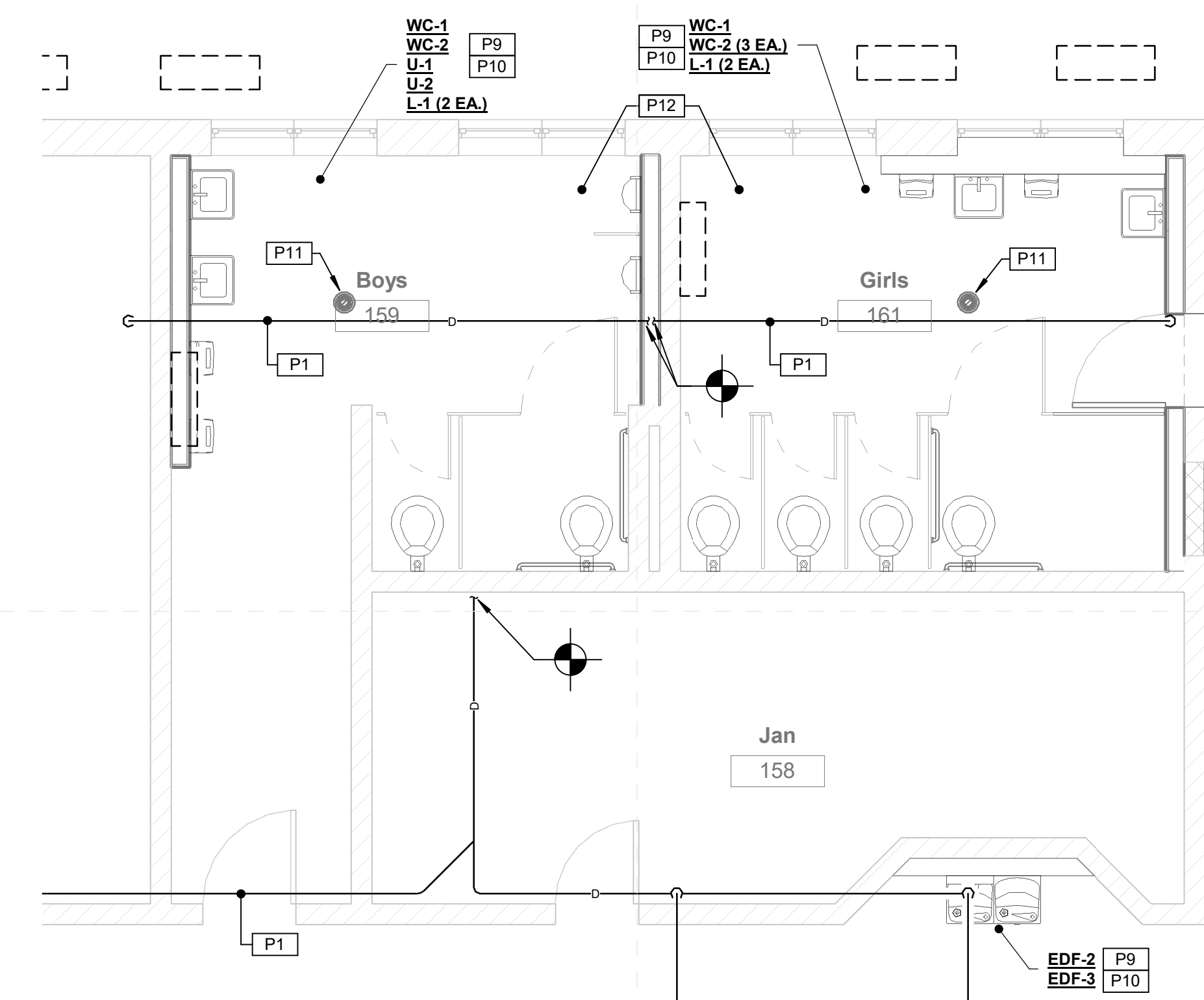
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Project No 21027
Date 2 February 2022
Revisions Rev Date

M-301d

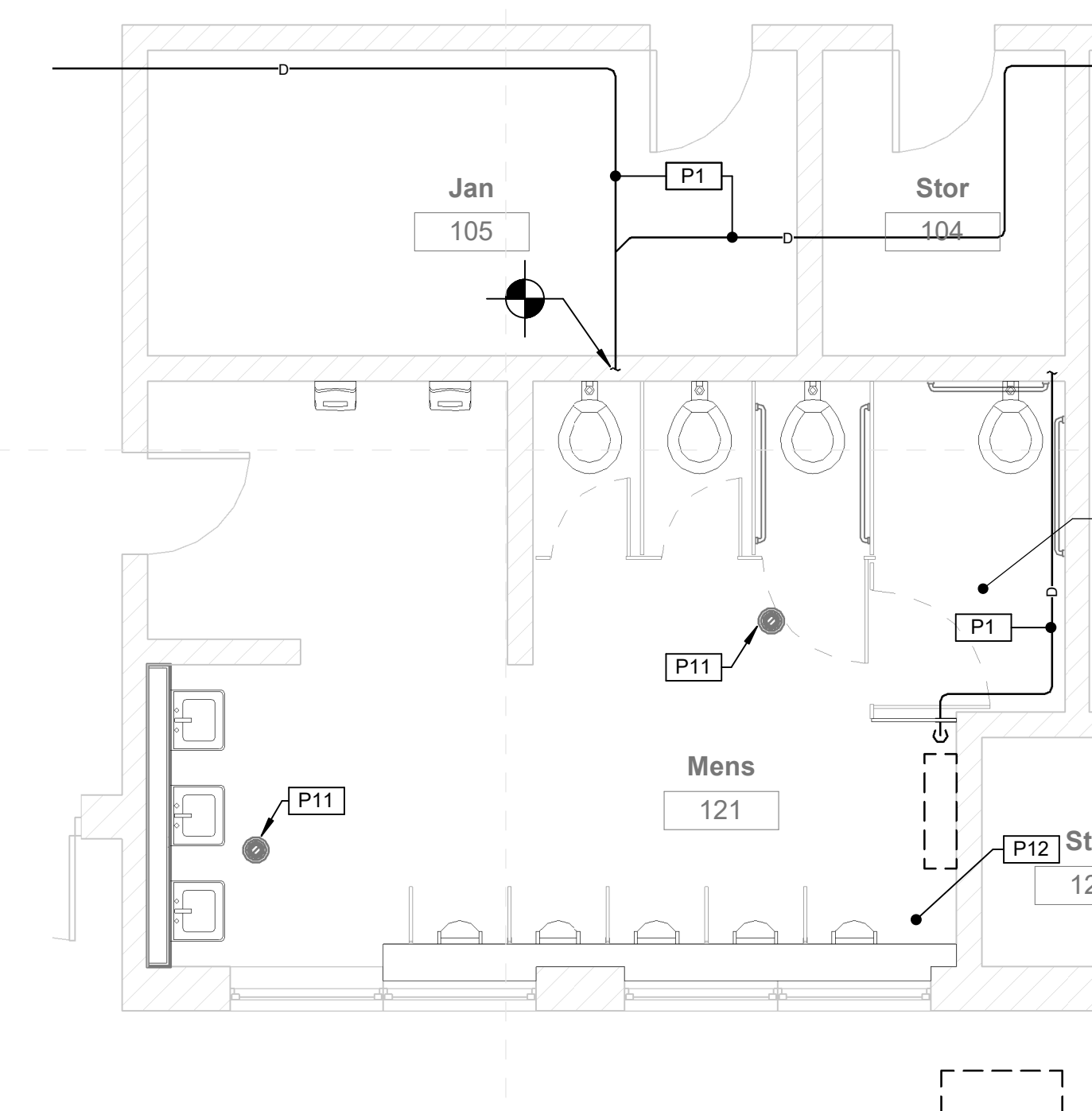
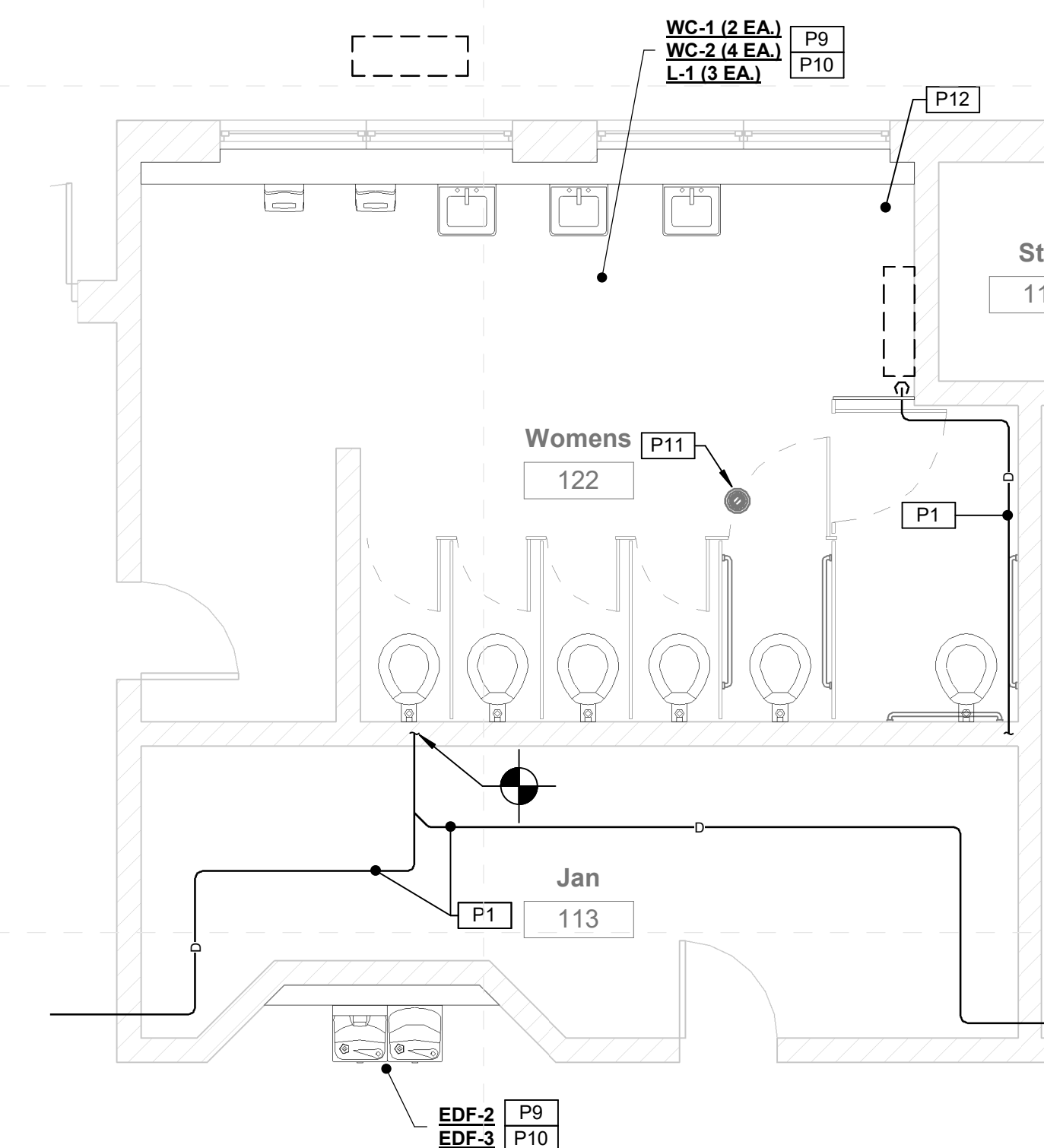
Lockard Elementary -
Enlarged Plumbing Plans

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL GARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING CLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.



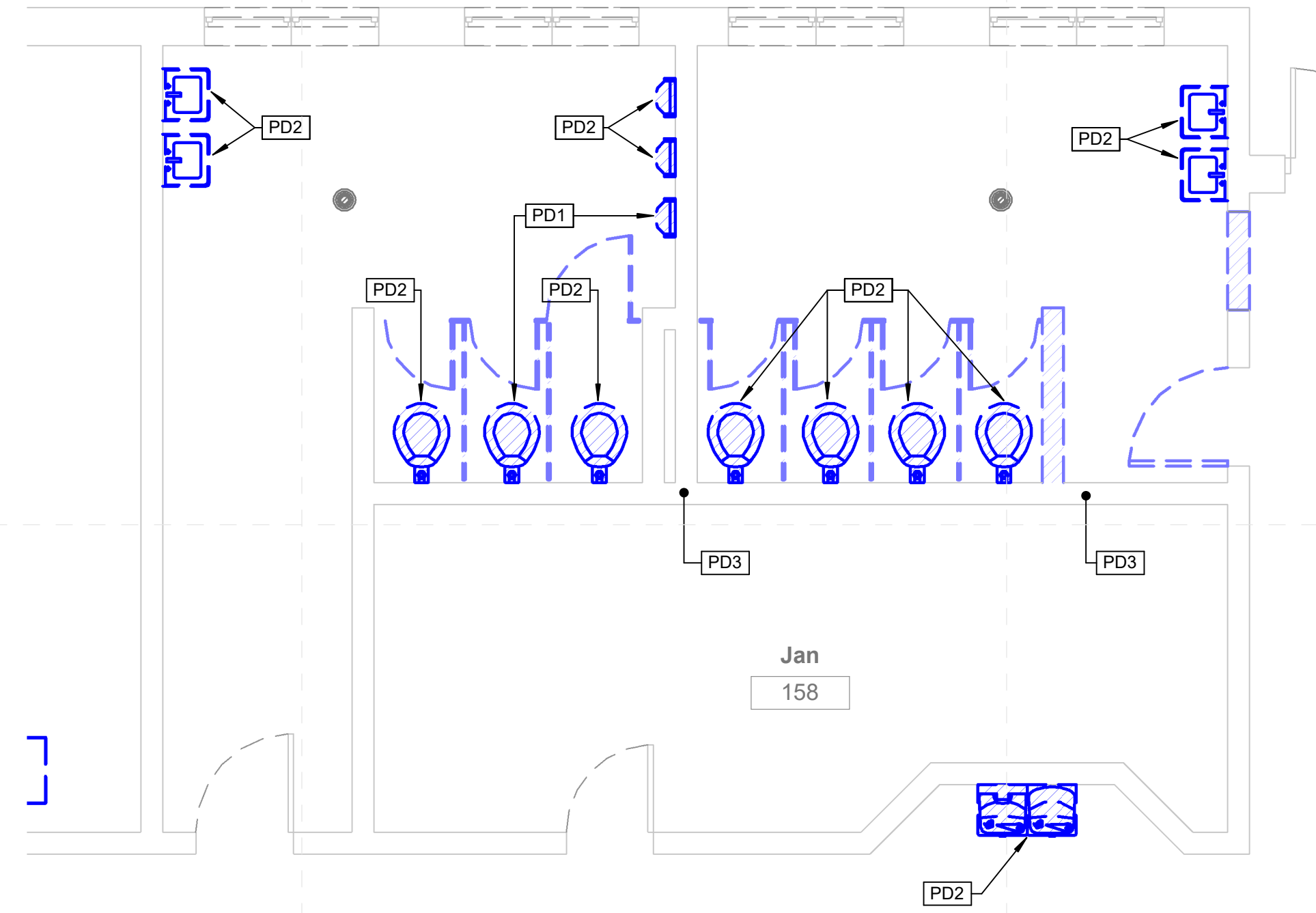
Lockard Elementary - Enlarged Plumbing New Work Plan (1)

GENERAL PLUMBING NOTE:
SEE SHEET M-000 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.

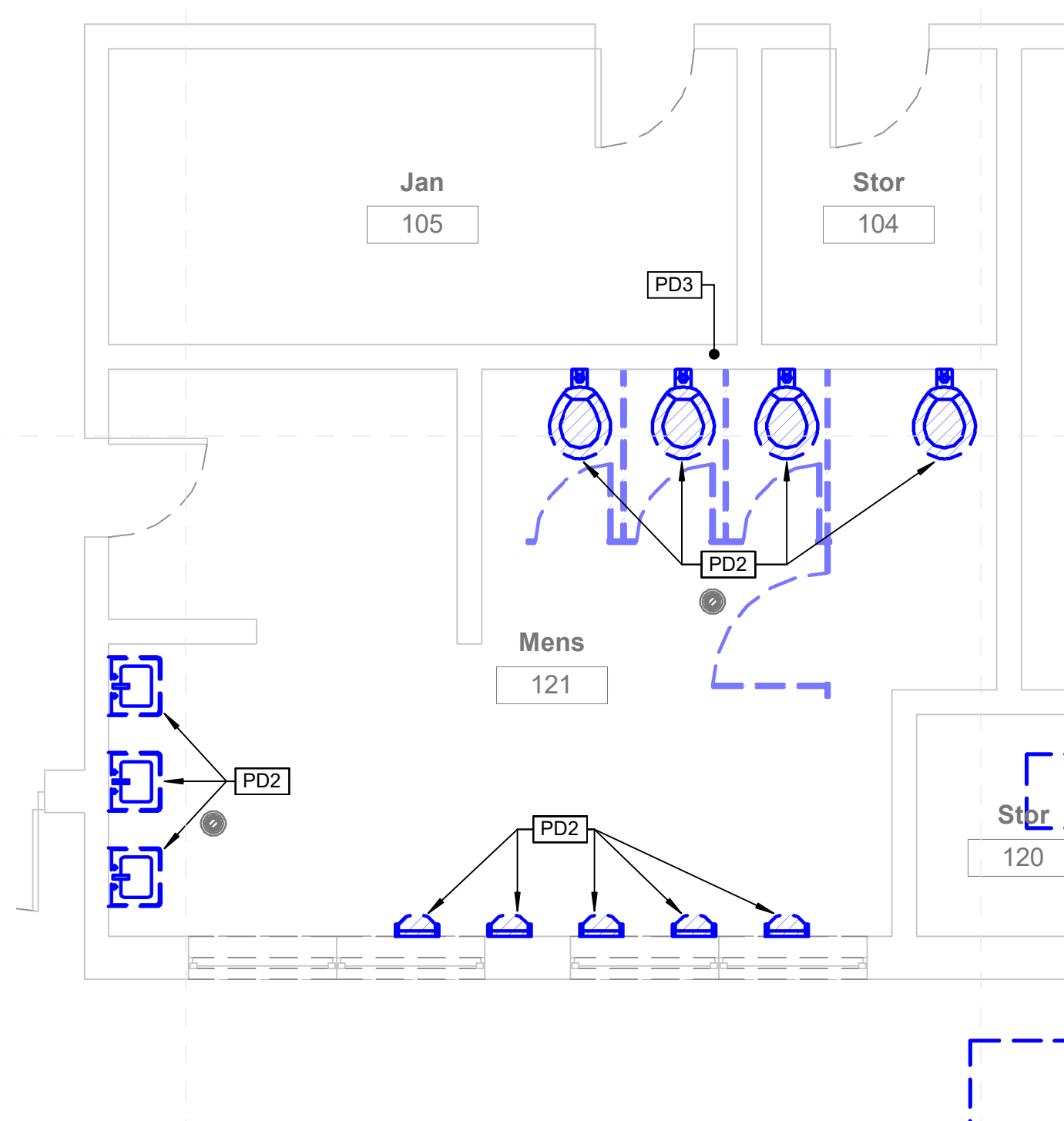
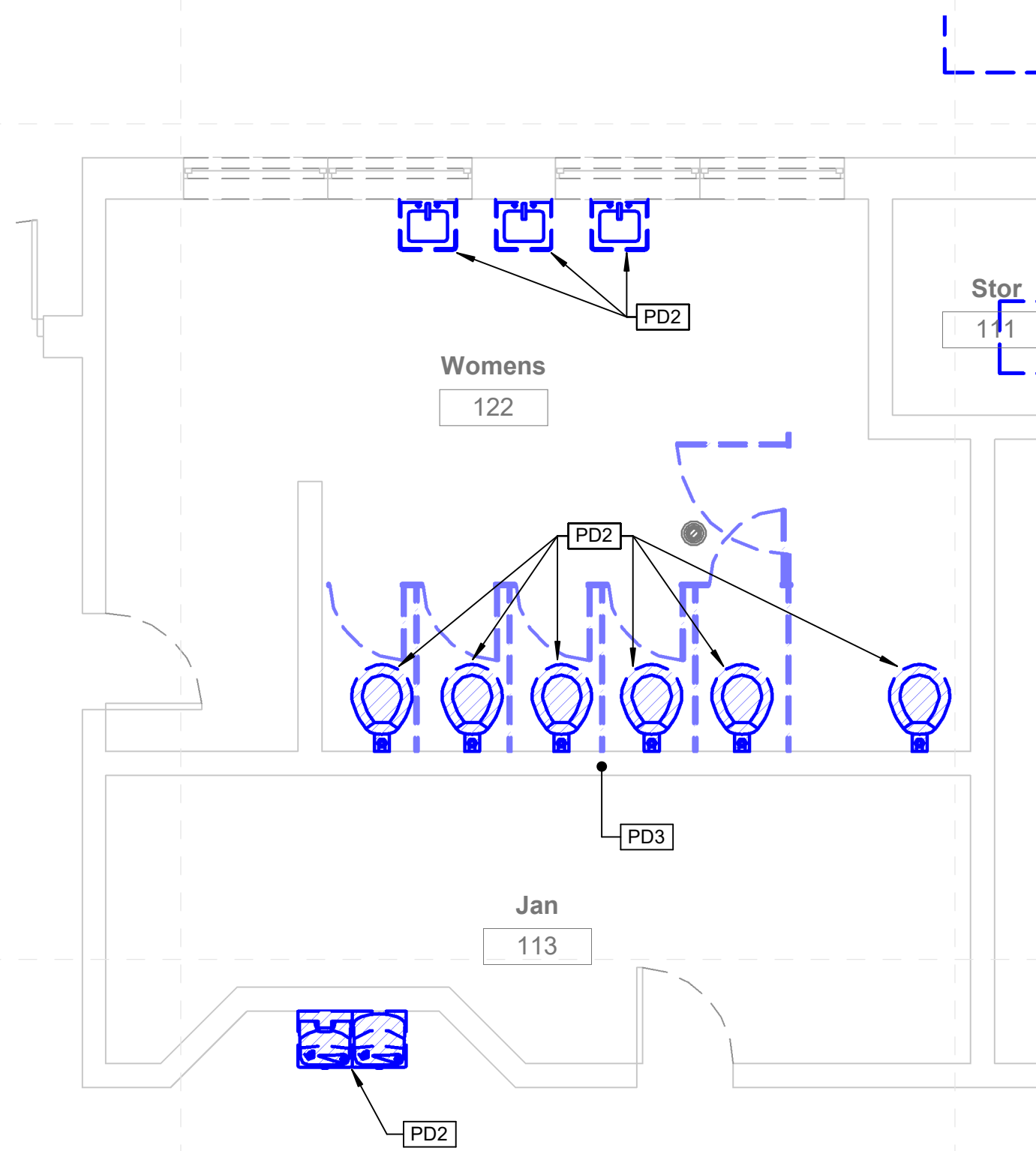


Lockard Elementary - Enlarged Plumbing New Work Plan (2)

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.
PD3	OPEN EXISTING WALL/CHASE FOR NEW PLUMBING INSTALLATIONS.

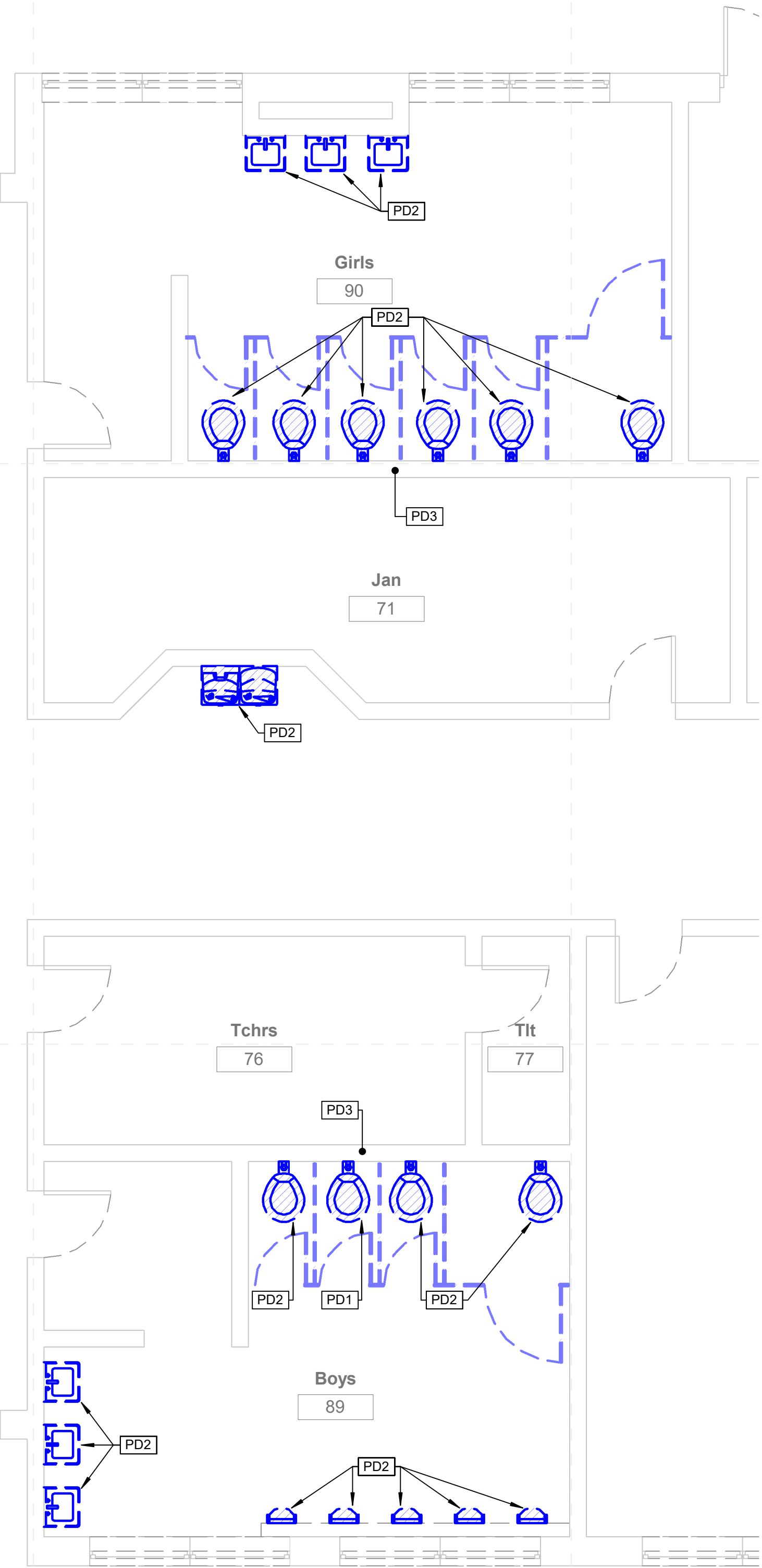


Lockard Elementary - Enlarged Plumbing Demo Plan (1)

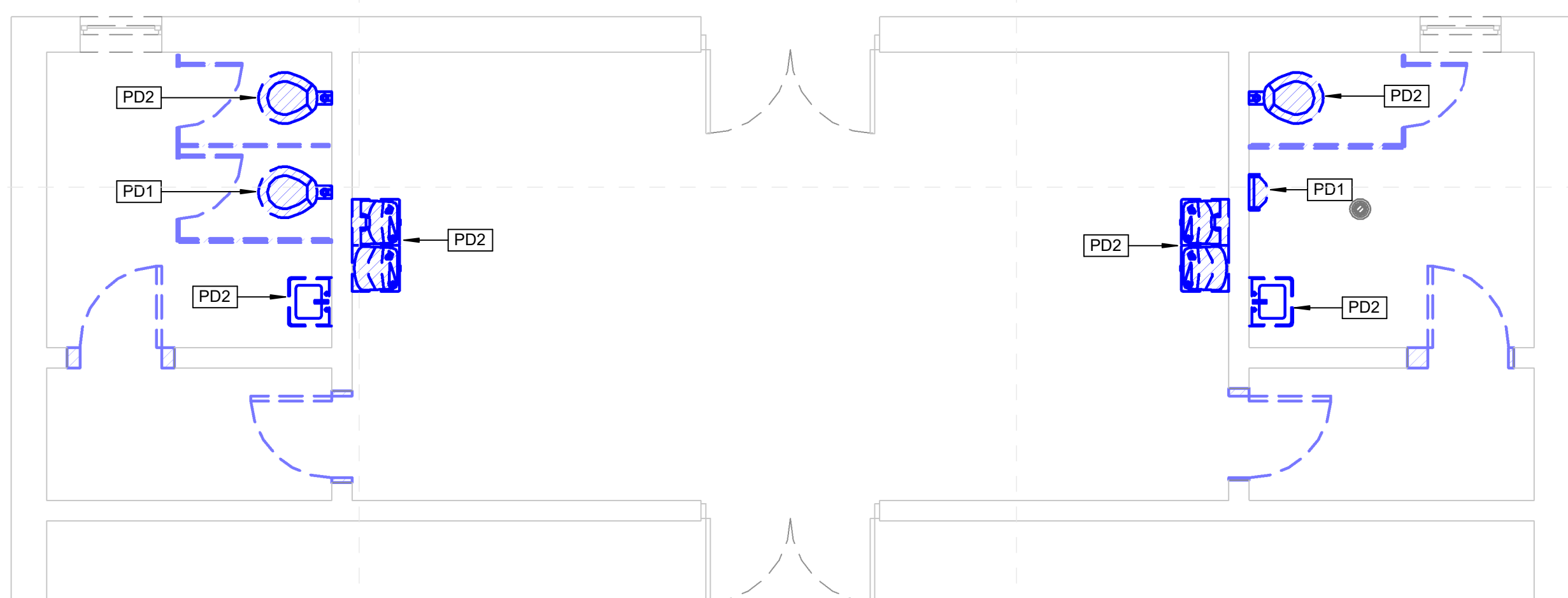


Lockard Elementary - Enlarged Plumbing Demo Plan (2)

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.
PD3	OPEN EXISTING WALL/CHASE FOR NEW PLUMBING INSTALLATIONS.

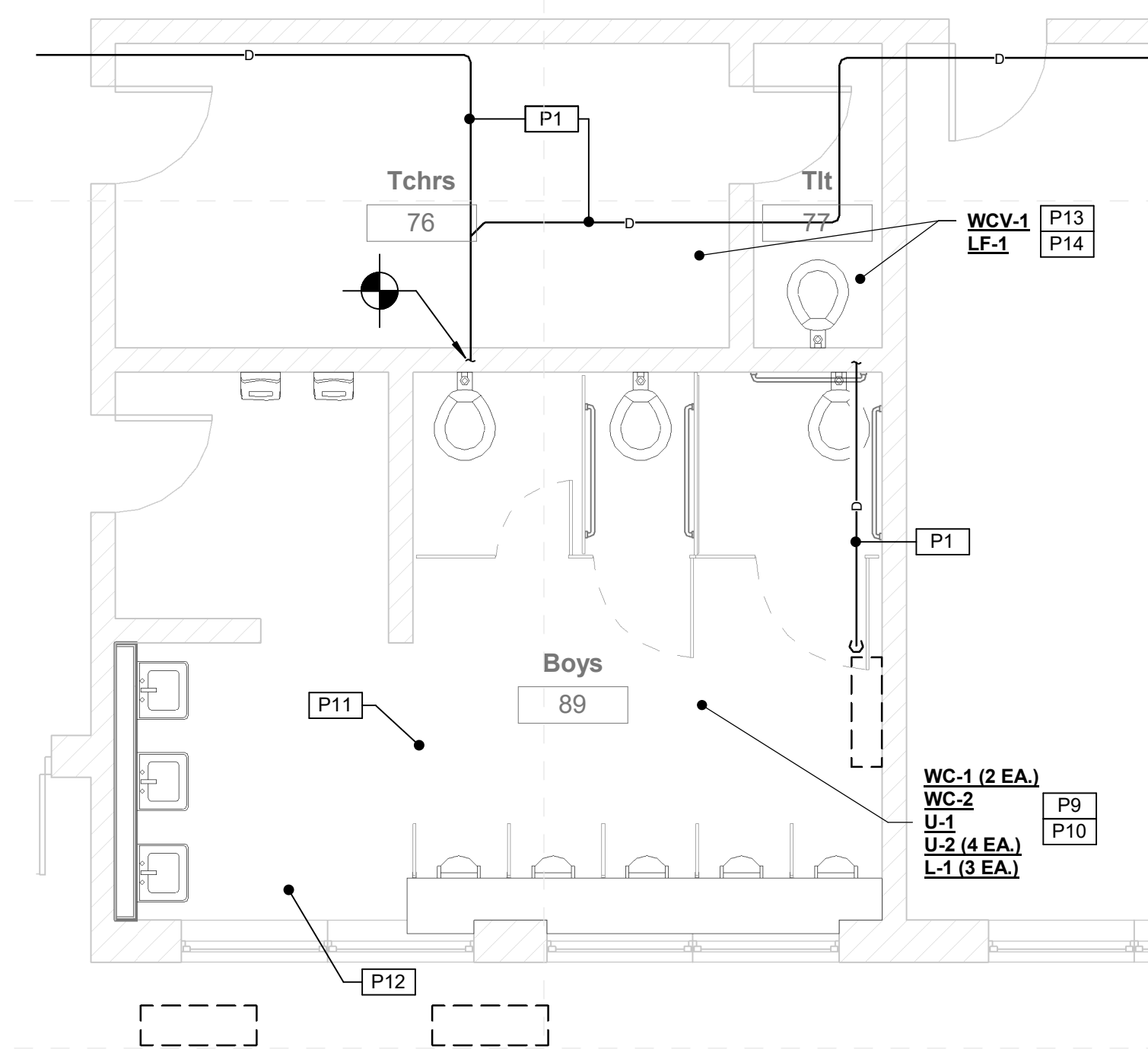
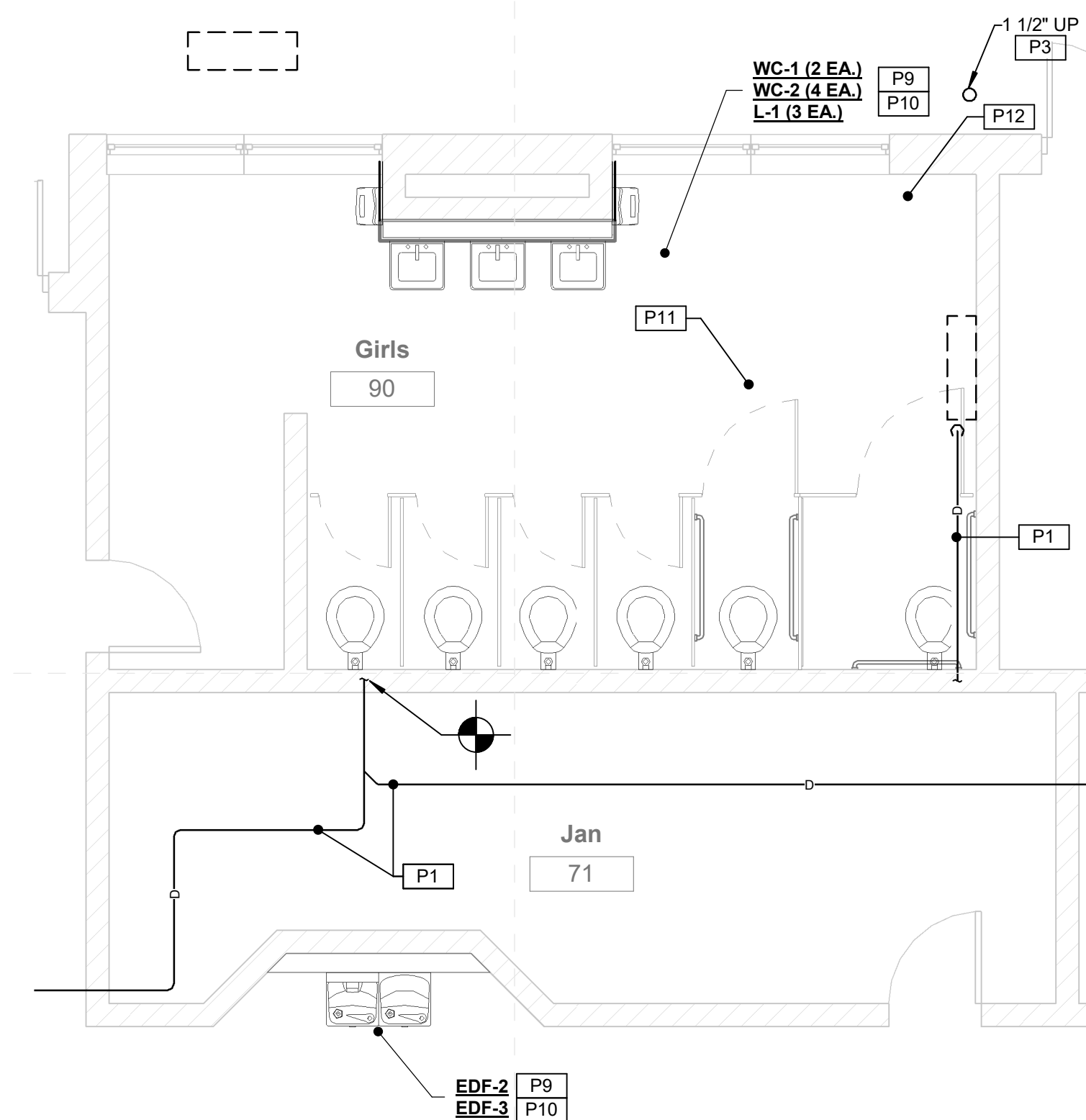


1 Lockard Elementary - Enlarged Plumbing Demo Plan (3)
M-302d 1/4" = 1'-0"



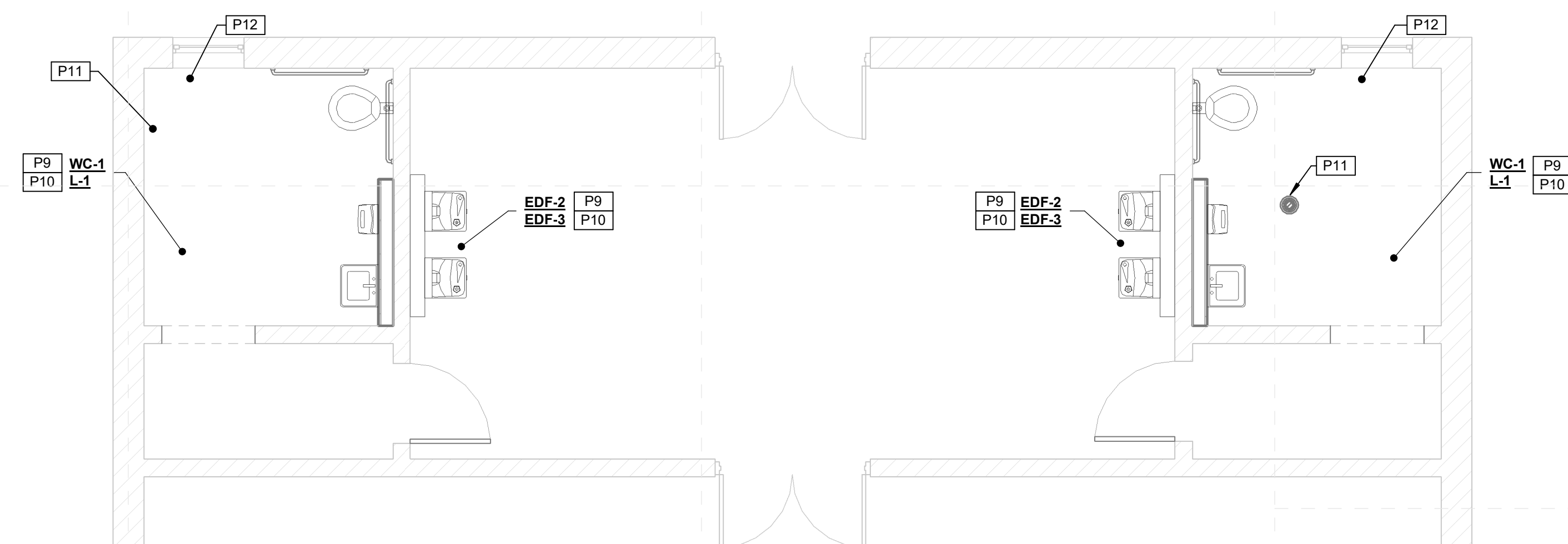
3 Lockard Elementary - Enlarged Plumbing Demo Plan (4)
M-302d 1/4" = 1'-0"

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 30'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME-PAINT EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATOIRES, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING GLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P13	REPLACE EXISTING WATER CLOSET/URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET, SUPPLIES, STOPS, TRAPS AND TAILPIECES.



GENERAL PLUMBING NOTE:
SEE SHEET M-000 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.

2 Lockard Elementary - Enlarged Plumbing New Work Plan (3)
M-302d 1/4" = 1'-0"

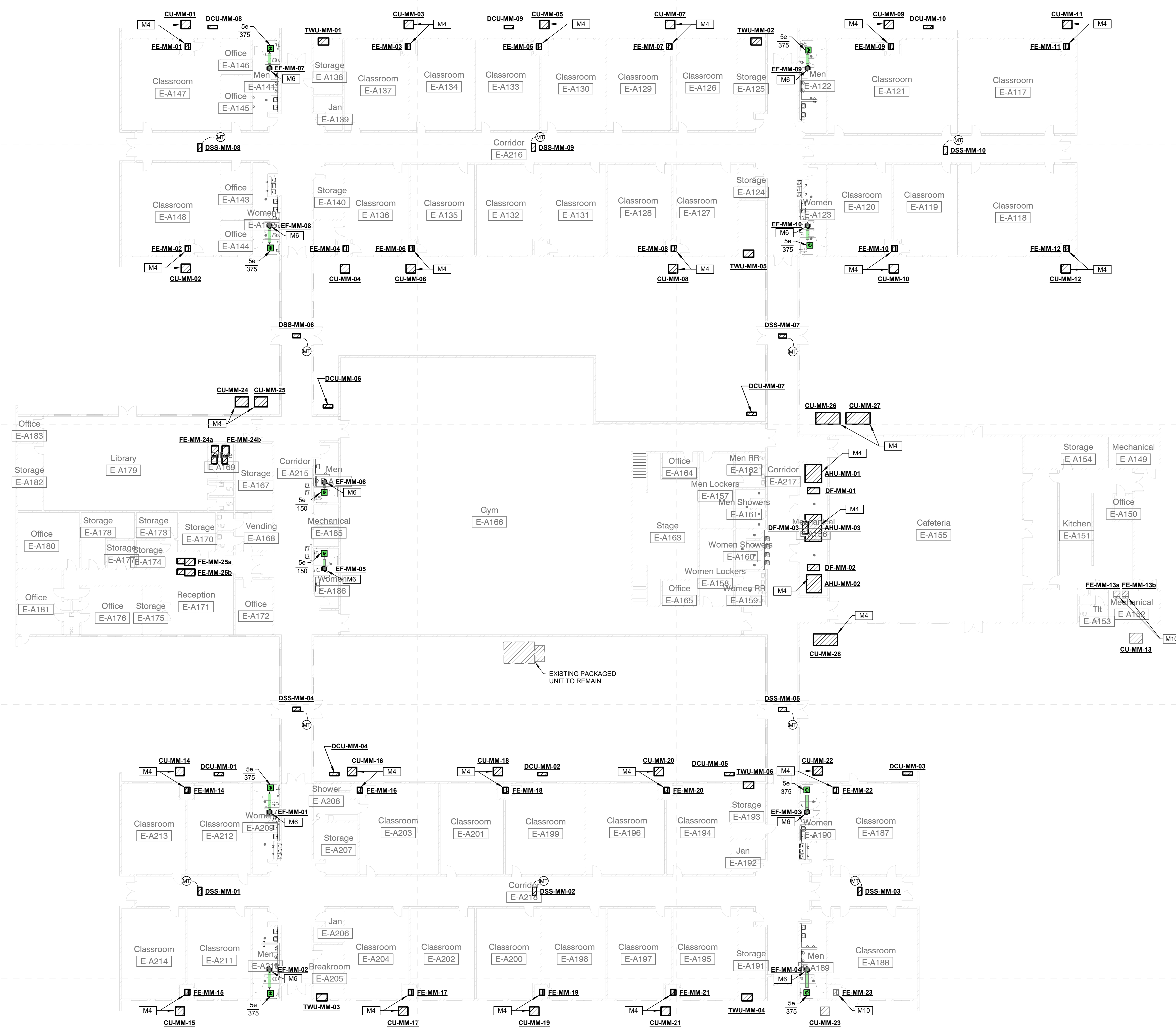


4 Lockard Elementary - Enlarged Plumbing New Work Plan (4)
M-302d 1/4" = 1'-0"

SPECIFIC HVAC DEMOLITION NOTES	
MD1	DEMOLISH EXISTING WINDOW UNIT. REFER TO ARCHITECTURAL DRAWINGS FOR WINDOW/WALL INFILL.
MD2	DEMOLISH EXISTING HEATER AS INDICATED. EXISTING FLUE THROUGH ROOF TO BE CAPPED PER DETAIL WHERE APPLICABLE.
MD3	REPLACE EXISTING AIR CONDITIONING EQUIPMENT WITH NEW IN SAME LOCATION.
MD4	DEMOLISH EXISTING EXHAUST FAN AS INDICATED.
MD5	DEMOLISH EXISTING BOILER, PUMPS AND HEATING WATER PIPING AFTER NEW SYSTEMS ARE INSTALLED AND OPERATIONAL.
MD7	DEMOLISH EXISTING AIR CONDITIONING EQUIPMENT AS INDICATED.



Lockard Elementary - Overall Mechanical Demolition Plan
MD001d 1/16" = 1'-0"



SPECIFIC HVAC NOTES	
M4	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING TRUNK DUCT. RE-CONNECT EXISTING GAS SERVICE PIPING (WHERE APPLICABLE, WITH NEW UNION, GAS COCK AND DRIP LEG. CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT (IN SAME LOCATION AS EXISTING). EXISTING REFRIGERANT PIPING SIZES SHALL BE FIELD VERIFIED TO BE COMPATIBLE WITH NEW UNIT. IF COMPATIBLE, EXISTING PIPING TO BE CLEANED UTILIZING PIPE-WIPER (BY A-JACKS MANUFACTURING) AND FLUSHED WITH QUIK SYSTEM FLUSH BY MAINSTREAM ENGINEERING CORPORATION. SUBSEQUENTLY, EXISTING PIPING SHALL BE PRESSURE TESTED AND CLEANED AS REQUIRED FOR NEW INSTALLATION. IF NOT COMPATIBLE, EXISTING PIPING SHALL BE DEMOLISHED AND NEW REFRIGERANT PIPING PROVIDED. ROUTE NEW FLUE THROUGH ROOF OR SIDEWALL UTILIZING EXISTING OPENING. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTION.
M6	NEW EXHAUST FAN TO REPLACE EXISTING. PROVIDE NEW EXHAUST AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING SYSTEM. PROVIDE NEW CEILING MOUNTED E/A REGISTERS AND BALANCE TO AIR FLOW QUANTITIES INDICATED ON DRAWINGS.
M10	CONTRACTOR SHALL INSTALL NEW NEEDLEPOINT IONIZATION DEVICE IN EXISTING HVAC EQUIPMENT. SEE SCHEDULE.

DALE BAILEY
AN ASSOCIATION

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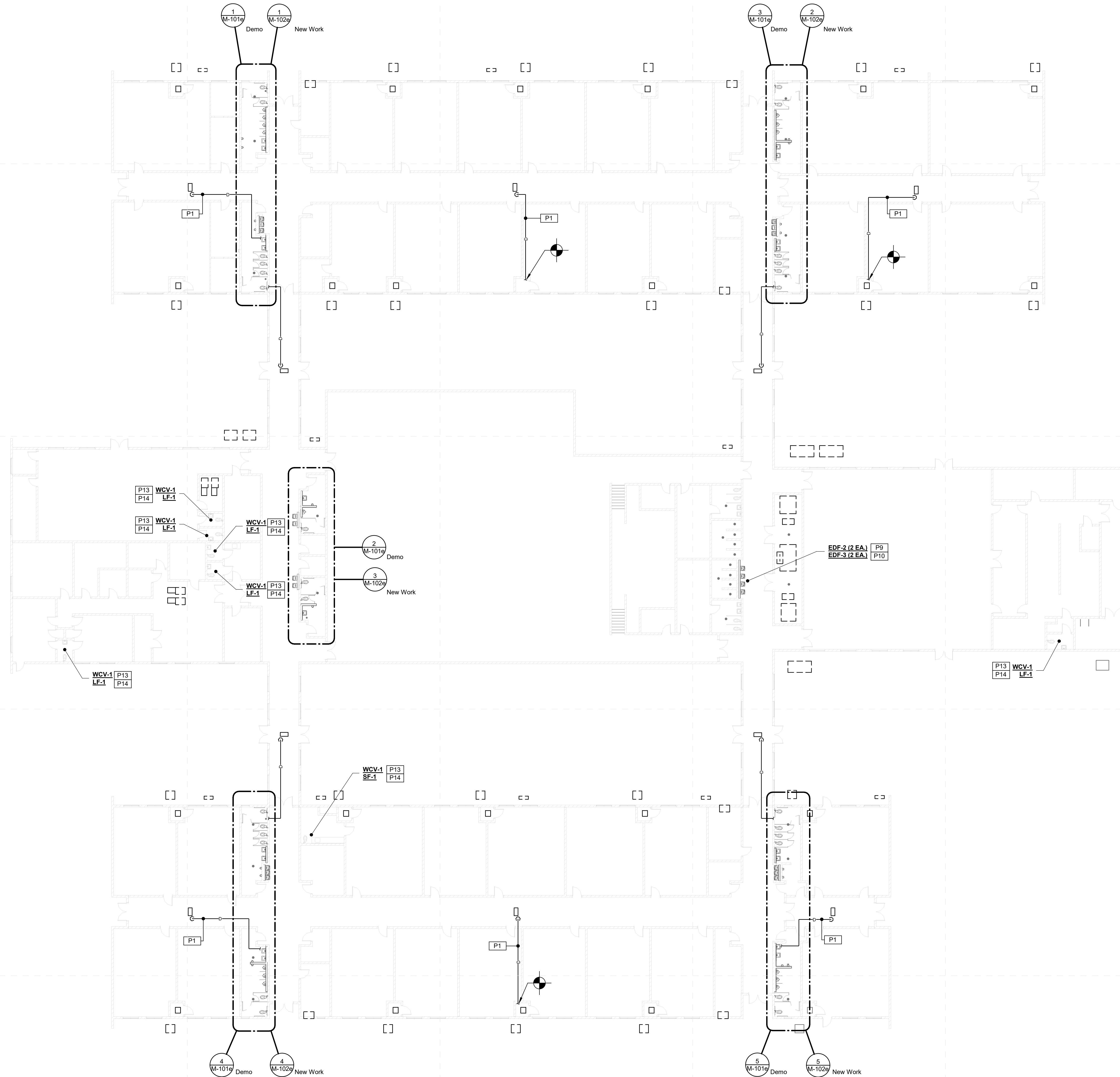
Merritt Middle - Overall Mechanical Plan
M-001e 1/16" = 1'-0"

GSK
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M-001e
Merritt Middle - Overall Mechanical Plan

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 90°-0° OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P13	REPLACE EXISTING WATER CLOSET/URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET, SUPPLIES, STOPS, TRAPS AND TAILPIECES.



Merritt Middle - Overall Plumbing Plan
 1/16" = 1'-0"

Project No	21027
Date	2 February 2022
Revisions	Rev Date

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.
PD3	OPEN EXISTING WALL/CHASE FOR NEW PLUMBING INSTALLATIONS.

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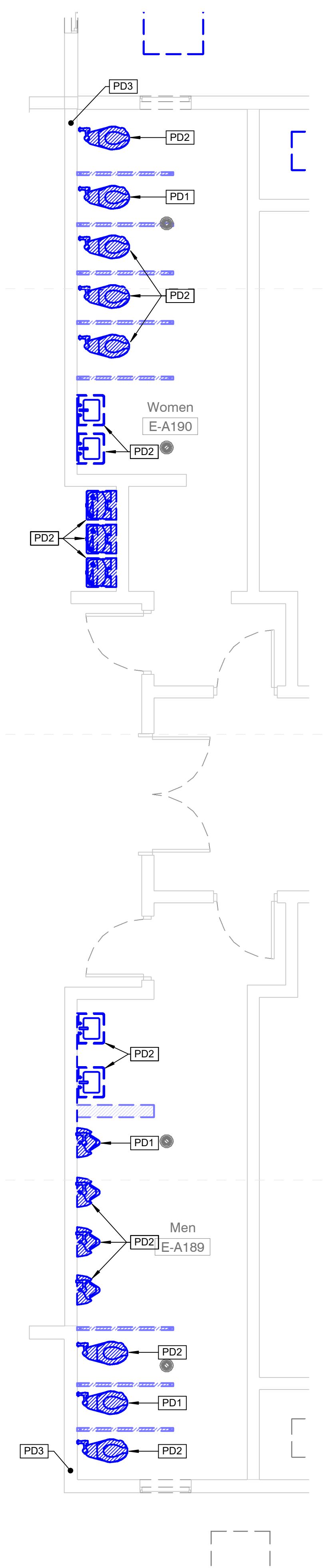
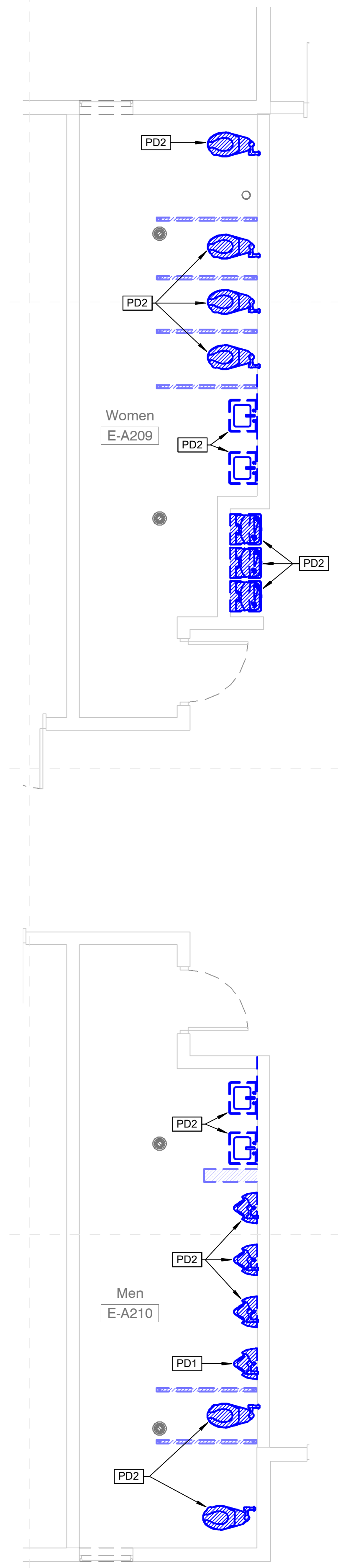
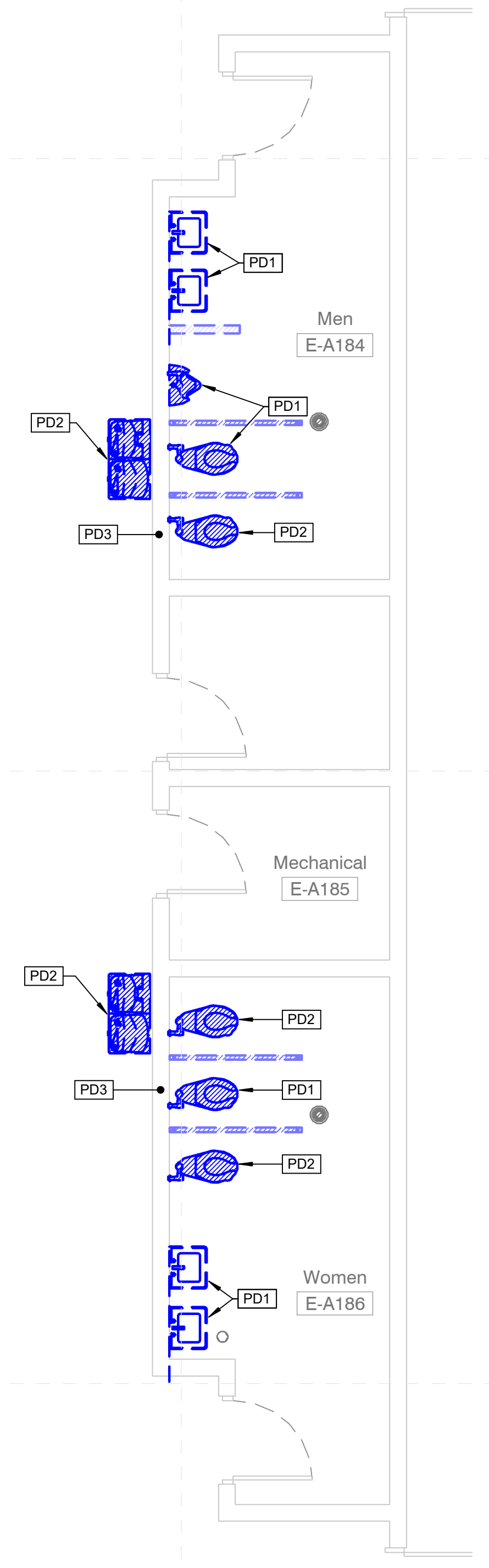
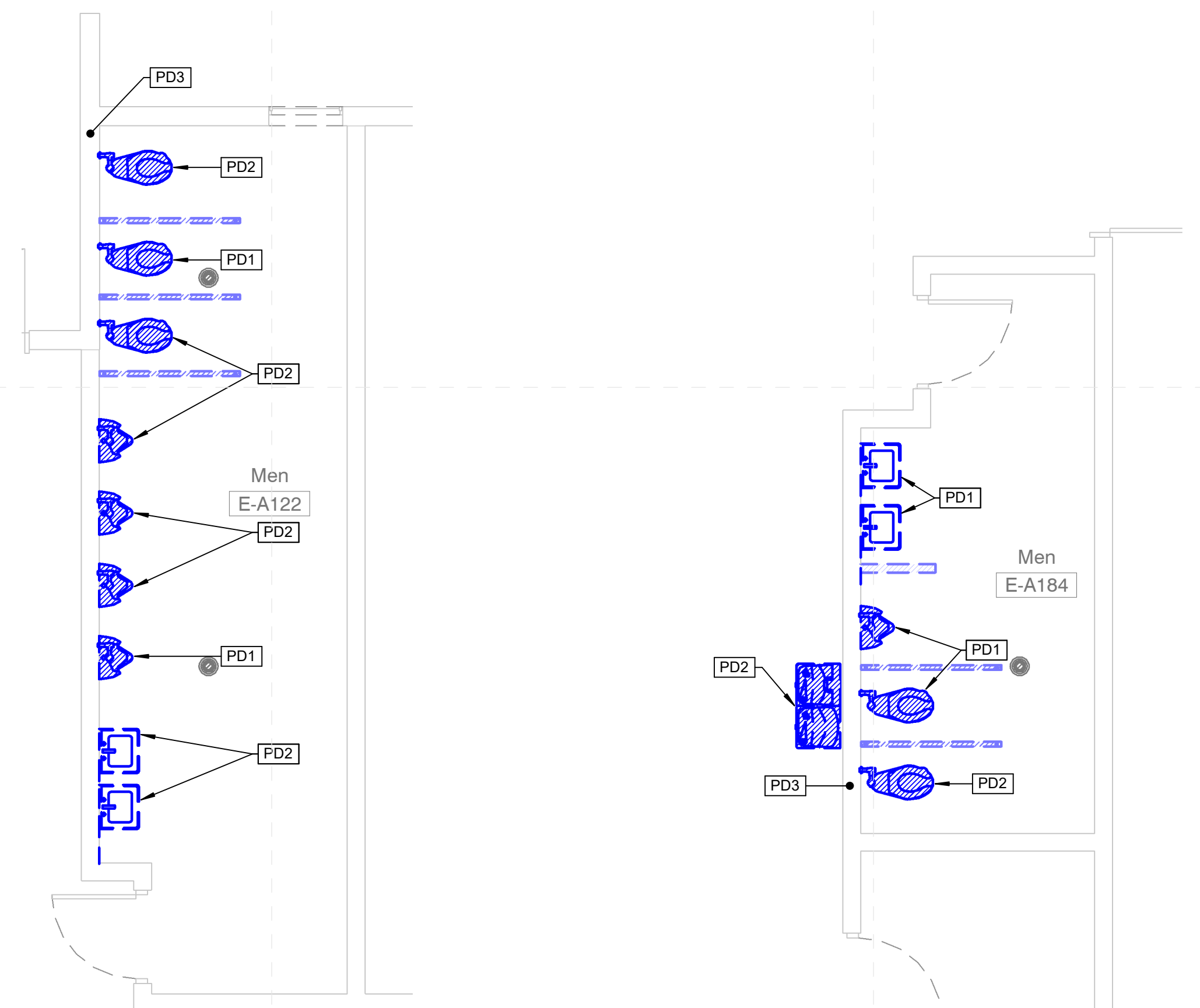
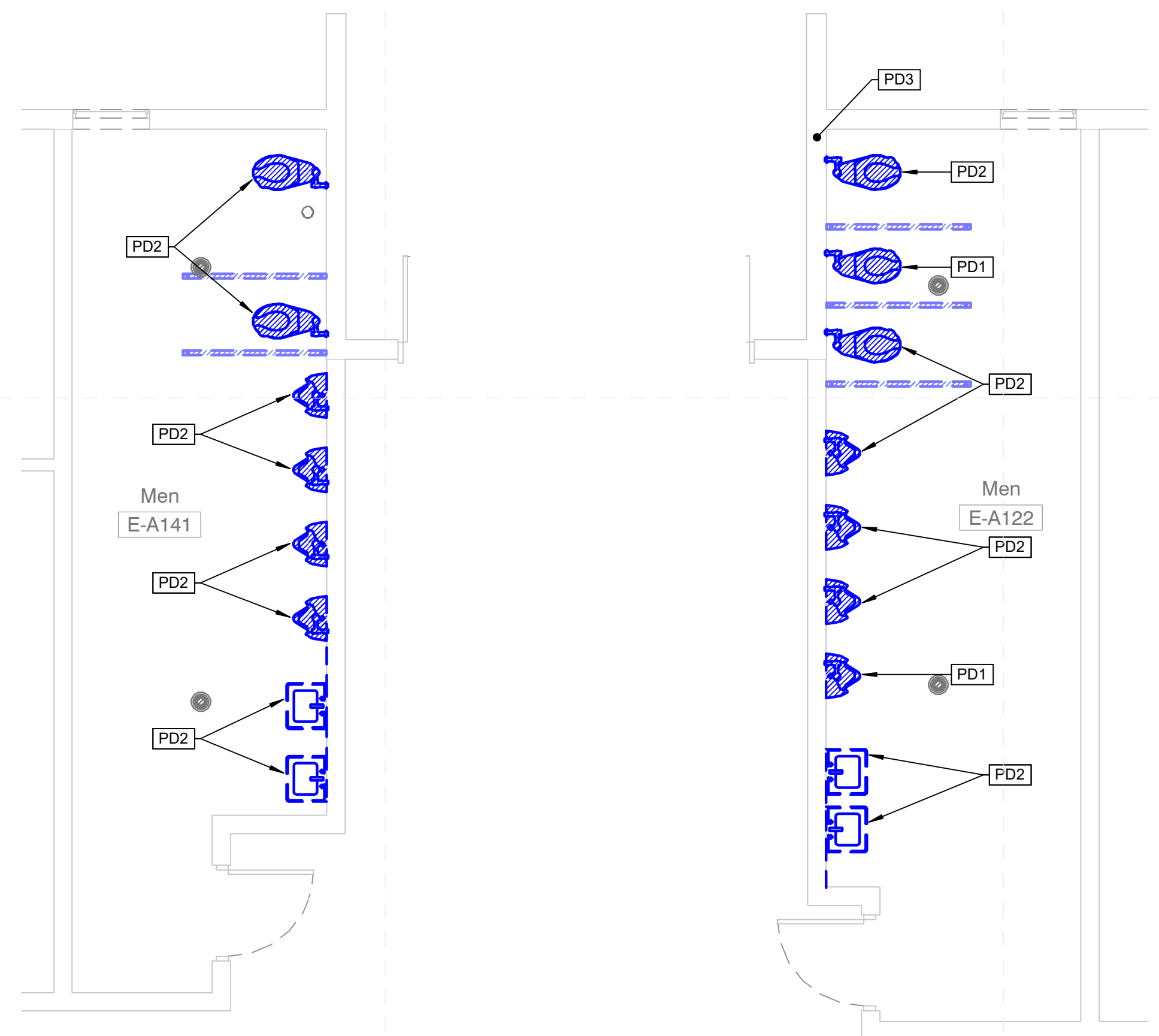
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Merritt Middle - Enlarged Plumbing Demo Plan (3)
M-101e 1/4" = 1'-0"

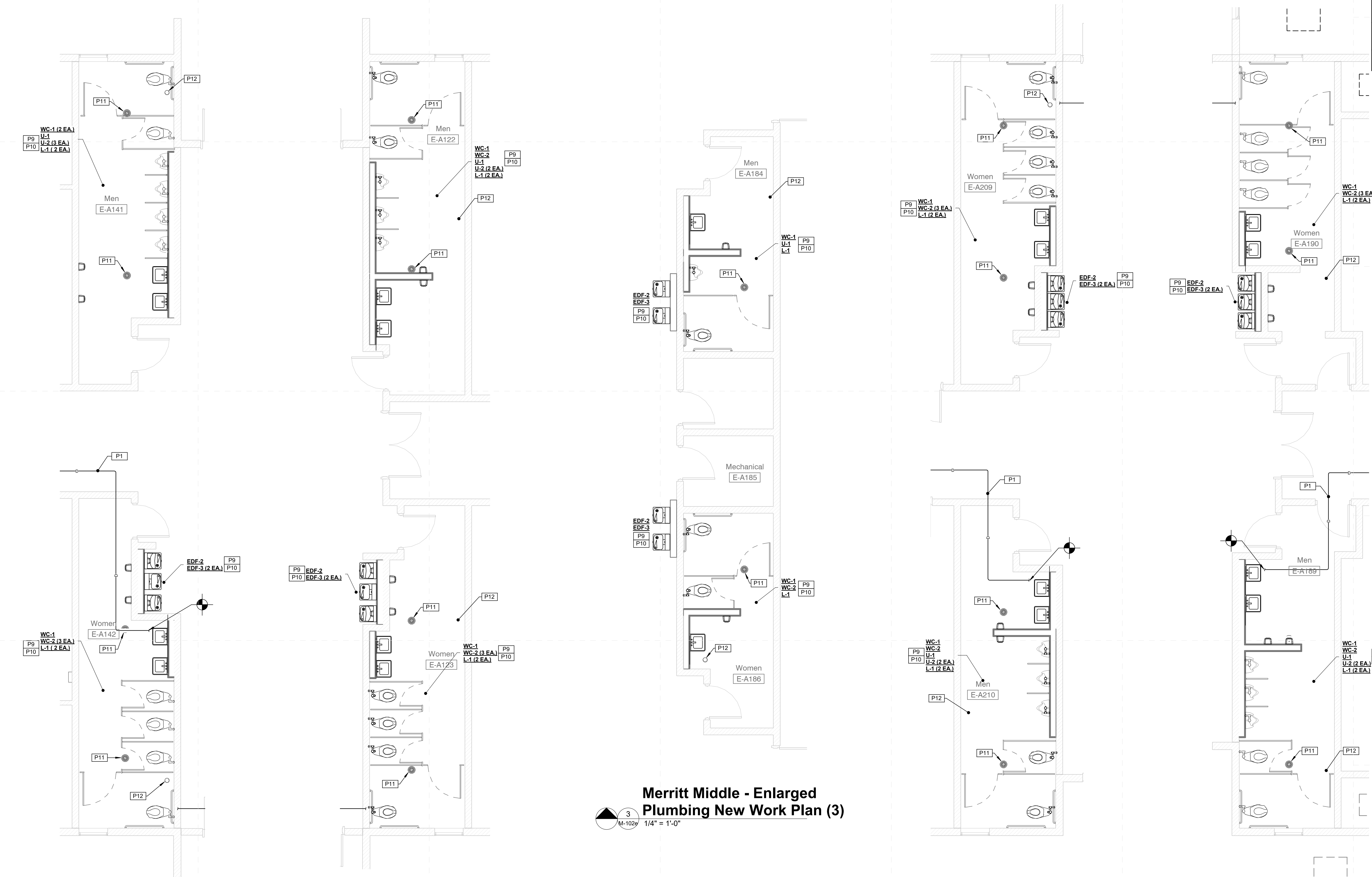
Merritt Middle - Enlarged Plumbing Demo Plan (1)
M-101e 1/4" = 1'-0"

Merritt Middle - Enlarged Plumbing Demo Plan (2)
M-101e 1/4" = 1'-0"

Merritt Middle - Enlarged Plumbing Demo Plan (4)
M-101e 1/4" = 1'-0"

Merritt Middle - Enlarged Plumbing Demo Plan (5)
M-101e 1/4" = 1'-0"

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING CLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.



Merritt Middle - Enlarged Plumbing New Work Plan (1)
1
M-102e 1/4" = 1'-0"

Merritt Middle - Enlarged Plumbing New Work Plan (2)
2
M-102e 1/4" = 1'-0"

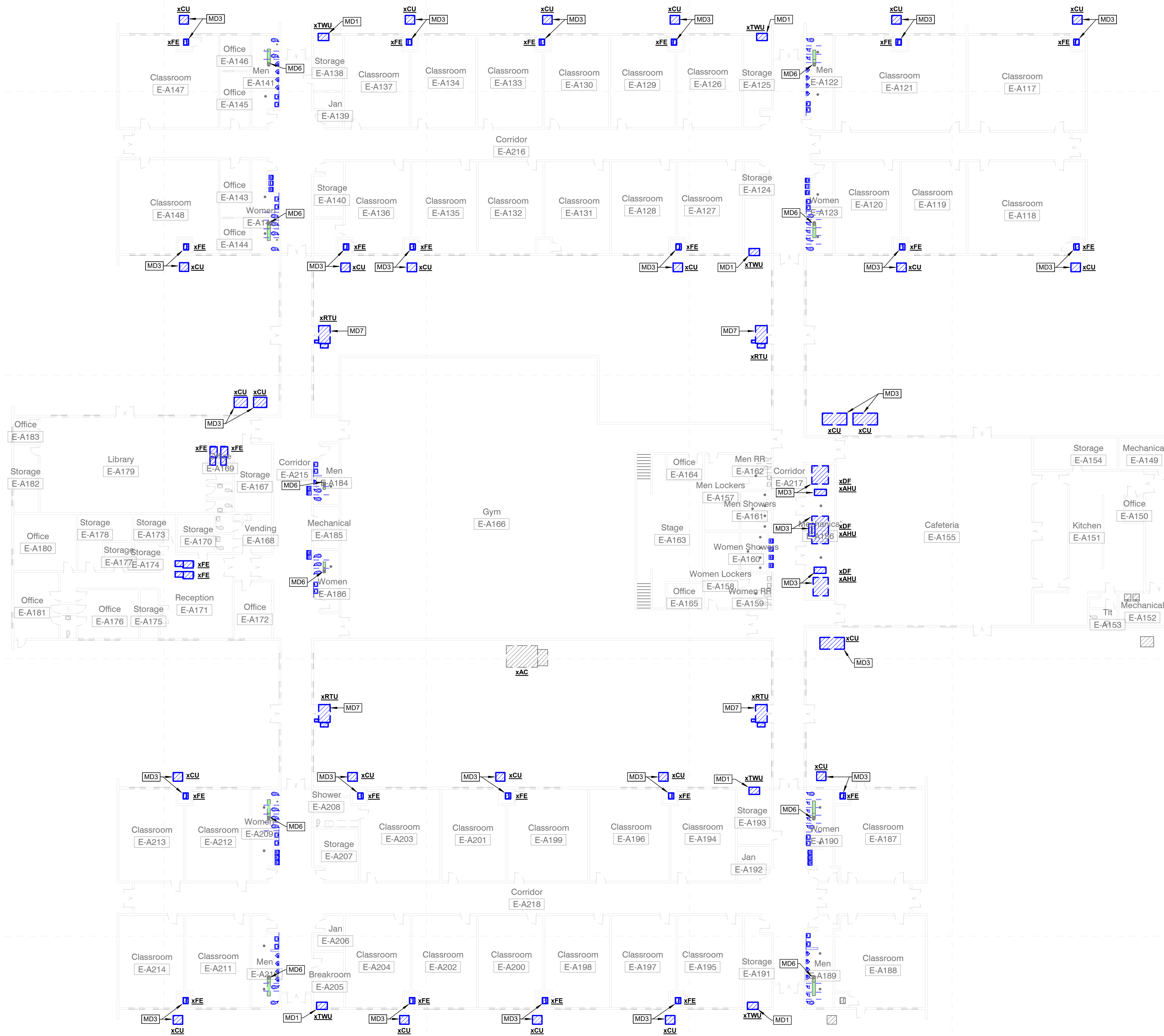
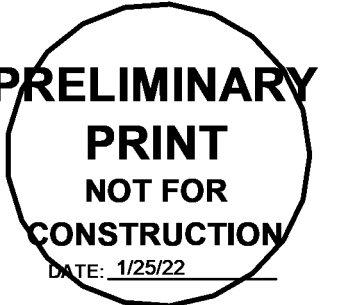
Merritt Middle - Enlarged Plumbing New Work Plan (3)
3
M-102e 1/4" = 1'-0"

Merritt Middle - Enlarged Plumbing New Work Plan (4)
4
M-102e 1/4" = 1'-0"

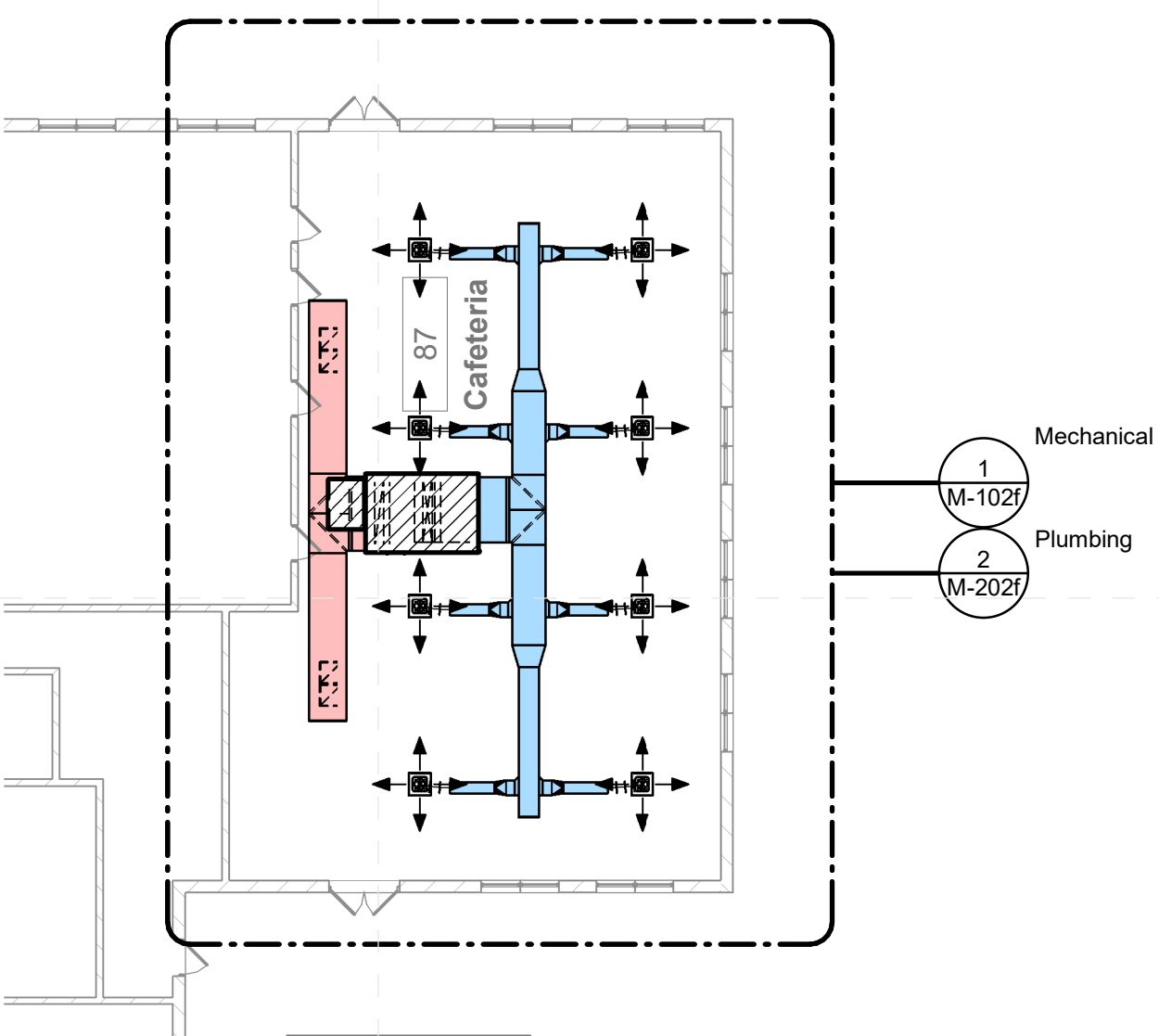
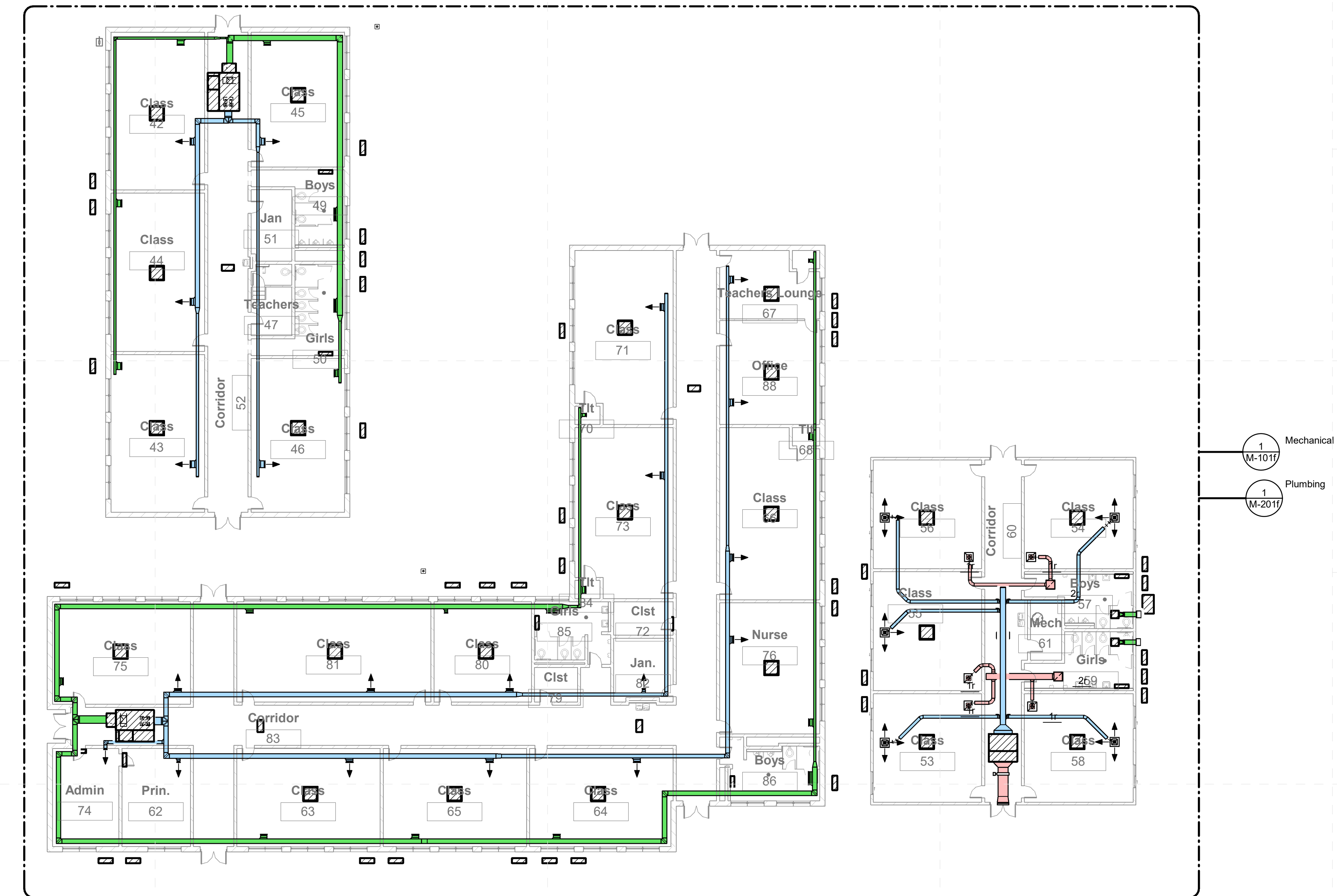
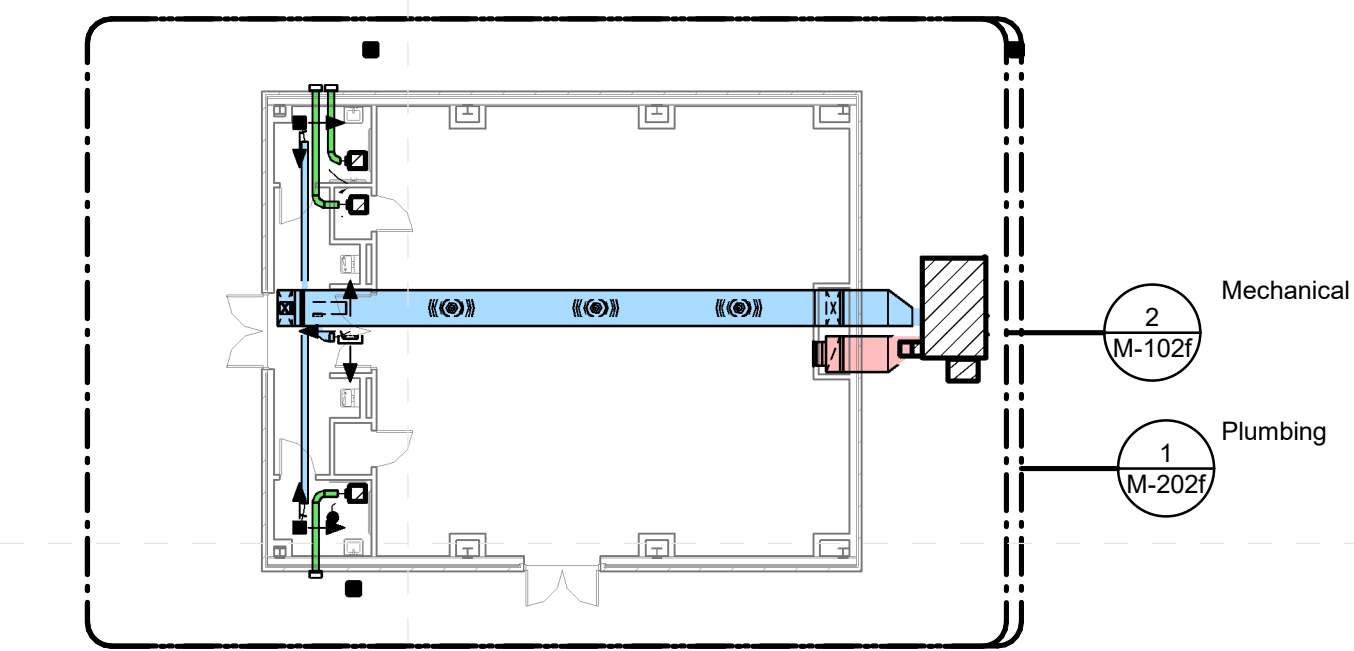
Merritt Middle - Enlarged Plumbing New Work Plan (5)
5
M-102e 1/4" = 1'-0"

GENERAL PLUMBING NOTE:
SEE SHEET M-000 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.

SPECIFIC HVAC DEMOLITION NOTES	
MD1	DEMOLISH EXISTING WINDOW UNIT. REFER TO ARCHITECTURAL DRAWINGS FOR WINDOW/WALL INFILL.
MD3	REPLACE EXISTING AIR CONDITIONING EQUIPMENT WITH NEW IN SAME LOCATION.
MD6	REPLACE EXISTING EXHAUST FAN WITH NEW IN SAME LOCATION.
MD7	DEMOLISH EXISTING AIR CONDITIONING EQUIPMENT AS INDICATED.



Merritt Middle - Overall Mechanical Demolition Plan
1/16" = 1'-0"



Ruleville Elementary - Overall Mechanical Plan

1 M-001f
1/16" = 1'-0"

SPECIFIC PLUMBING NOTES	
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAIN'T EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P7	ALL CONDENSATE AND GAS PIPING SHALL BE SUPPORTED PER ROOFTOP PIPING SUPPORT DETAIL AND SPECIFICATIONS.

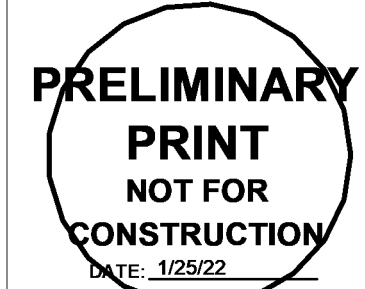
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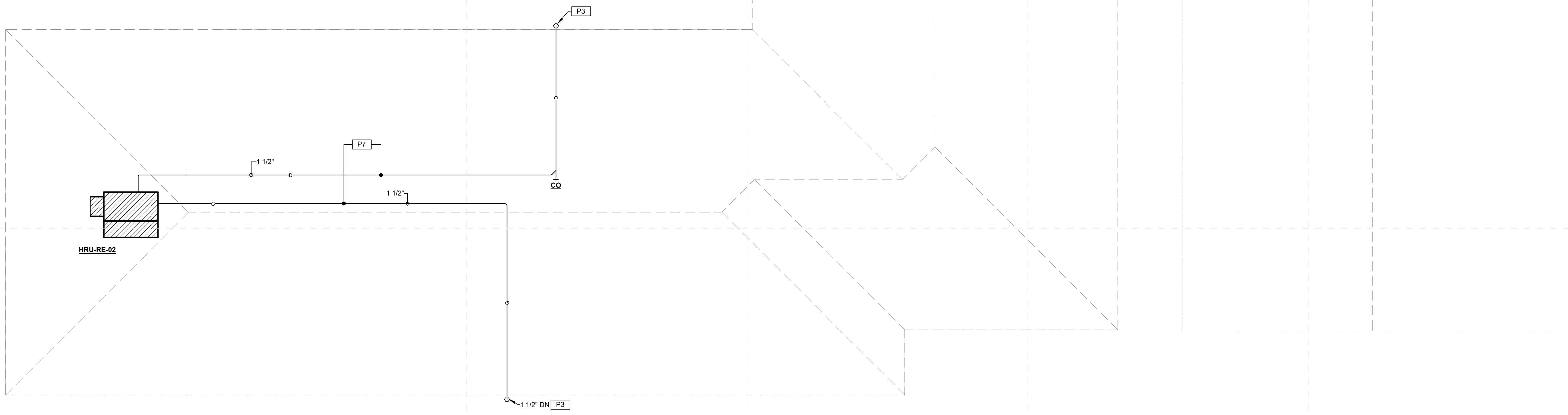
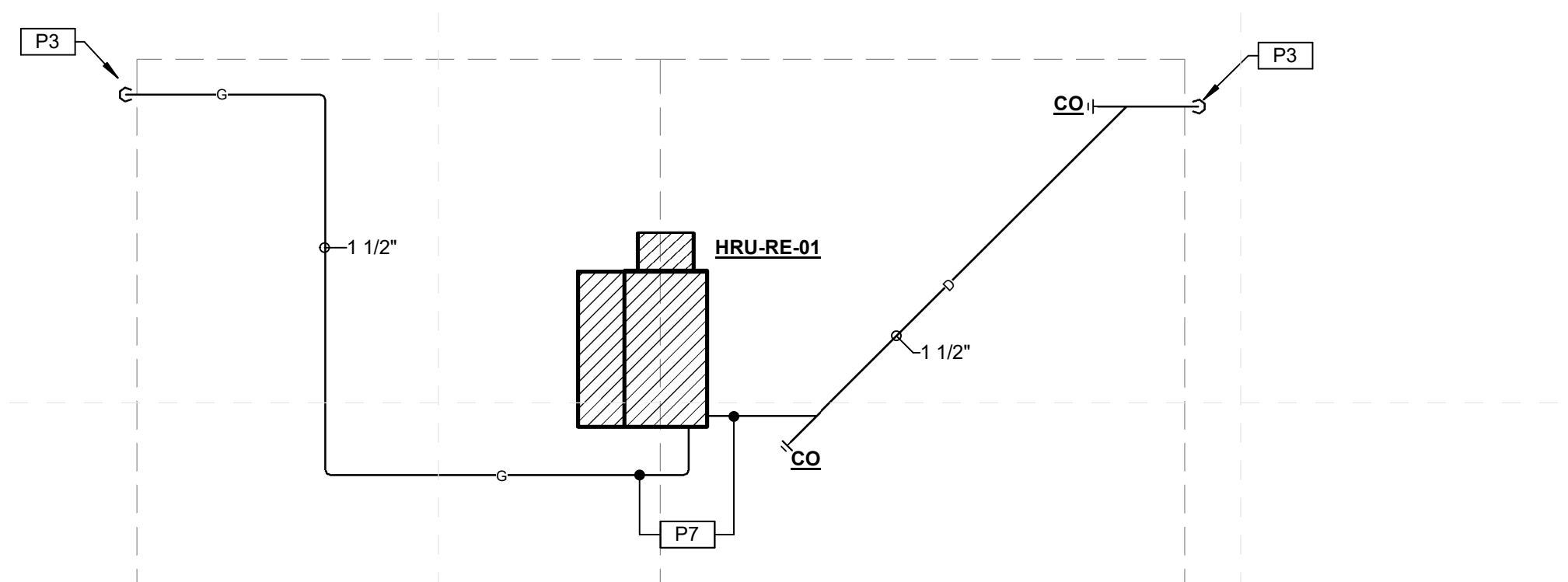


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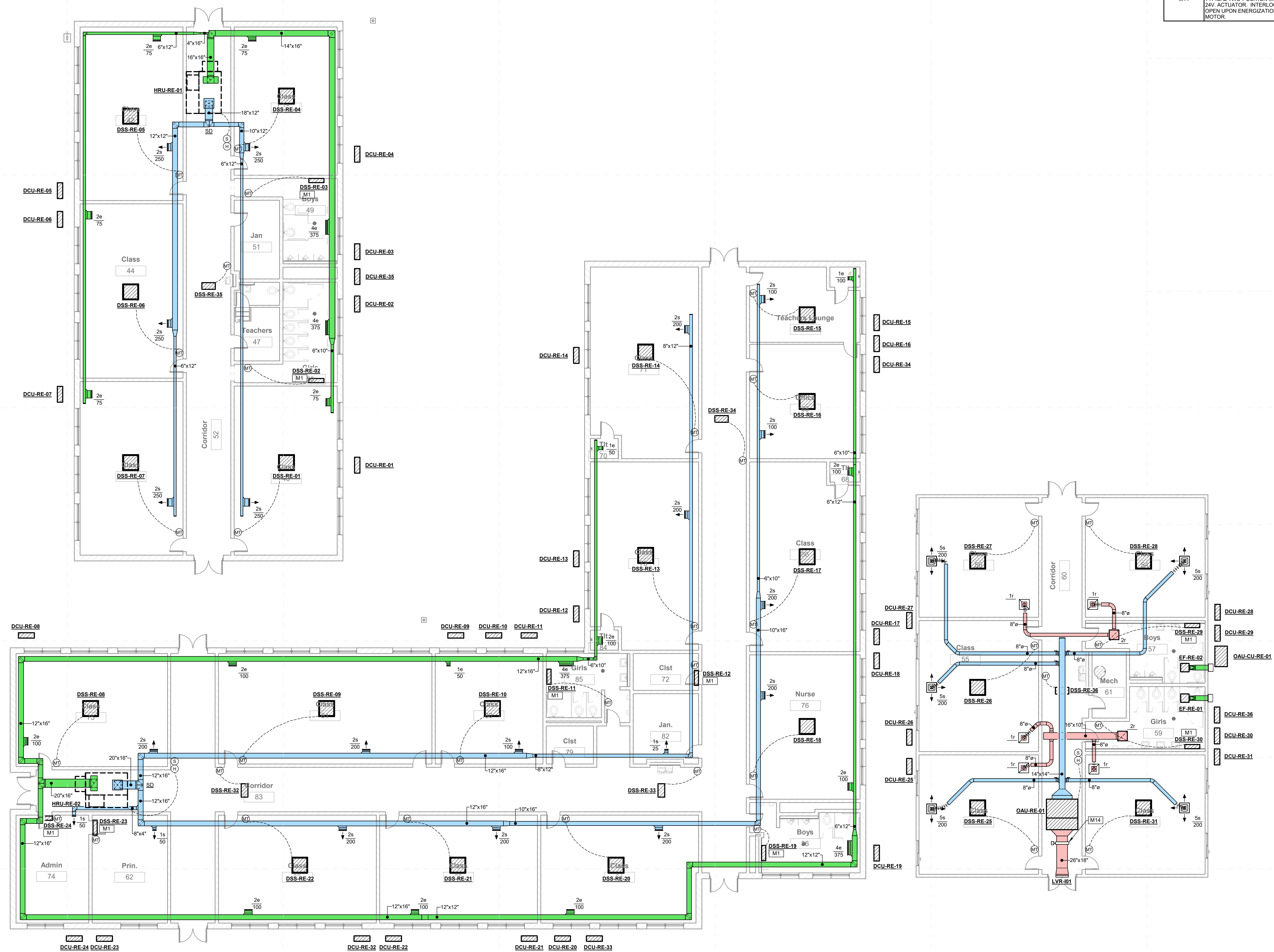
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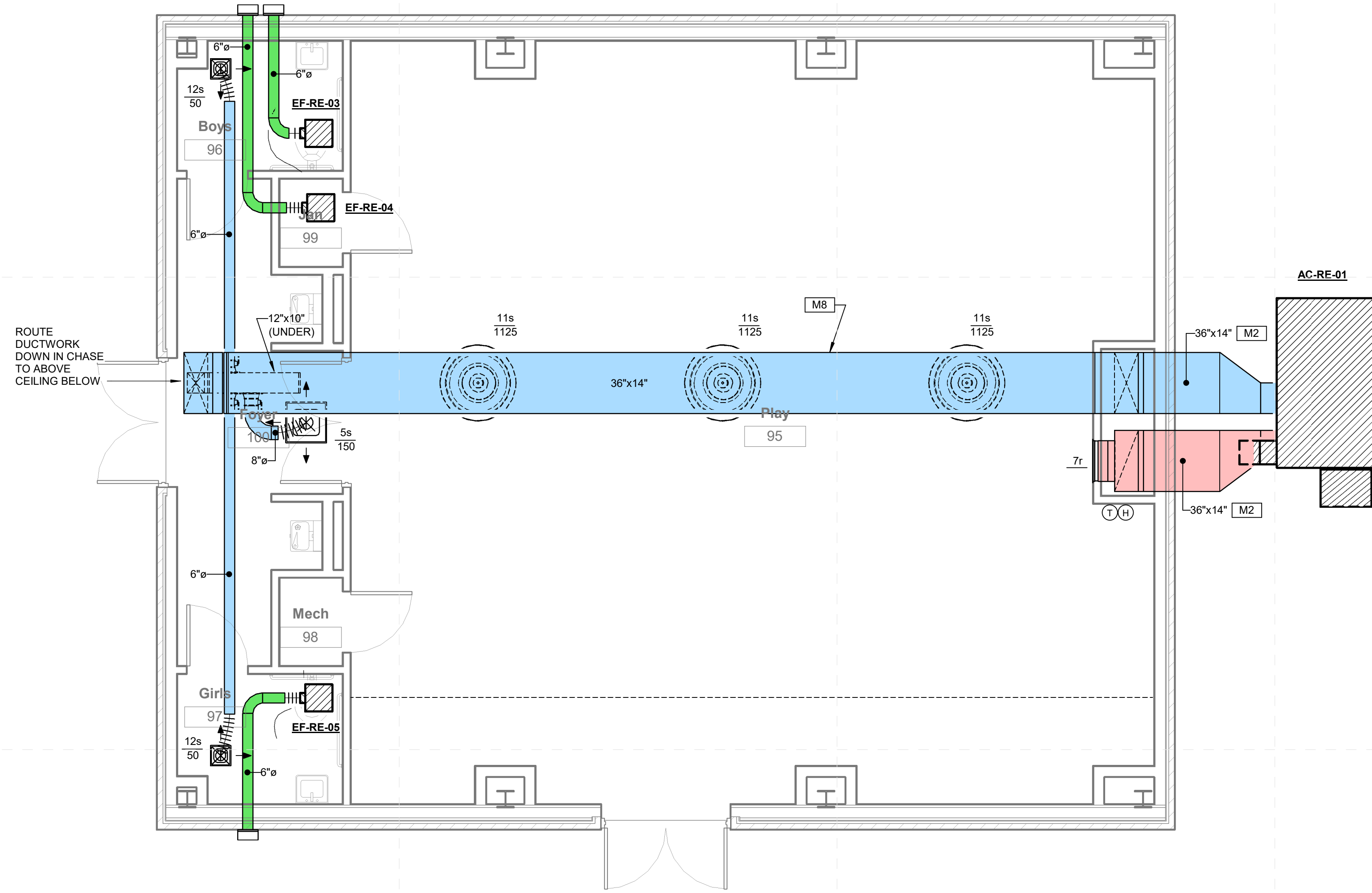
1
M-002f 1/8" = 1'-0" Ruleville Elementary - Mechanical Roof Plan

SPECIFIC HVAC NOTES	
M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN "LINE-HIDE" ACCESSORIES. SEE DETAIL.
M14	TYPICAL TWO-POSITION MOTORIZED DAMPER WITH 24V ACTUATOR. INTERLOCK DAMPER ACTUATOR TO OPEN UPON ENERGIZATION OF OUTSIDE AIR UNIT MOTOR.

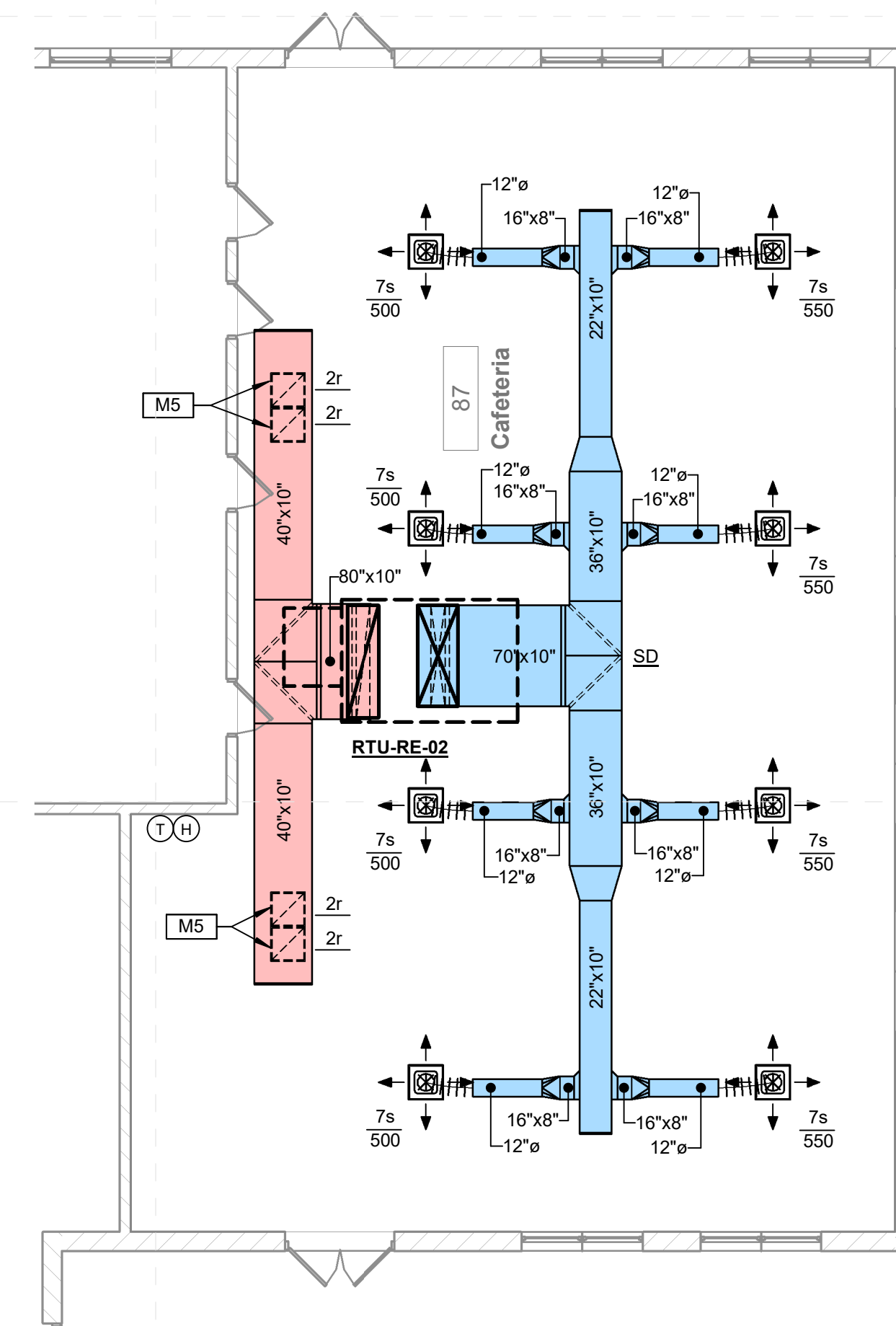


Ruleville Elementary - Partial Mechanical Plan (1)
M-101f 1/8" = 1'-0"

SPECIFIC HVAC NOTES	
M2	OUTDOOR DUCTWORK. SEE GENERAL HVAC NOTES FOR DETAILED REQUIREMENTS.
M5	FULL NECK SIZE ACOUSTICALLY LINED PLENUM AT TOP AIR DISTRIBUTION DEVICE.
M8	TYPICAL INTERNALLY LINED EXPOSED RECTANGULAR DUCTWORK ROUTED PARALLEL TO ROOF SLOPE HIGH NEAR BOTTOM OF STRUCTURE AS INDICATED. PRIME AND PAINT ALL EXPOSED DUCTWORK AS DIRECTED/APPROVED BY ARCHITECT.



2 Ruleville Elementary - Partial Mechanical Plan (3)
1/4" = 1'-0"



1 Ruleville Elementary - Partial Mechanical Plan (2)
1/8" = 1'-0"

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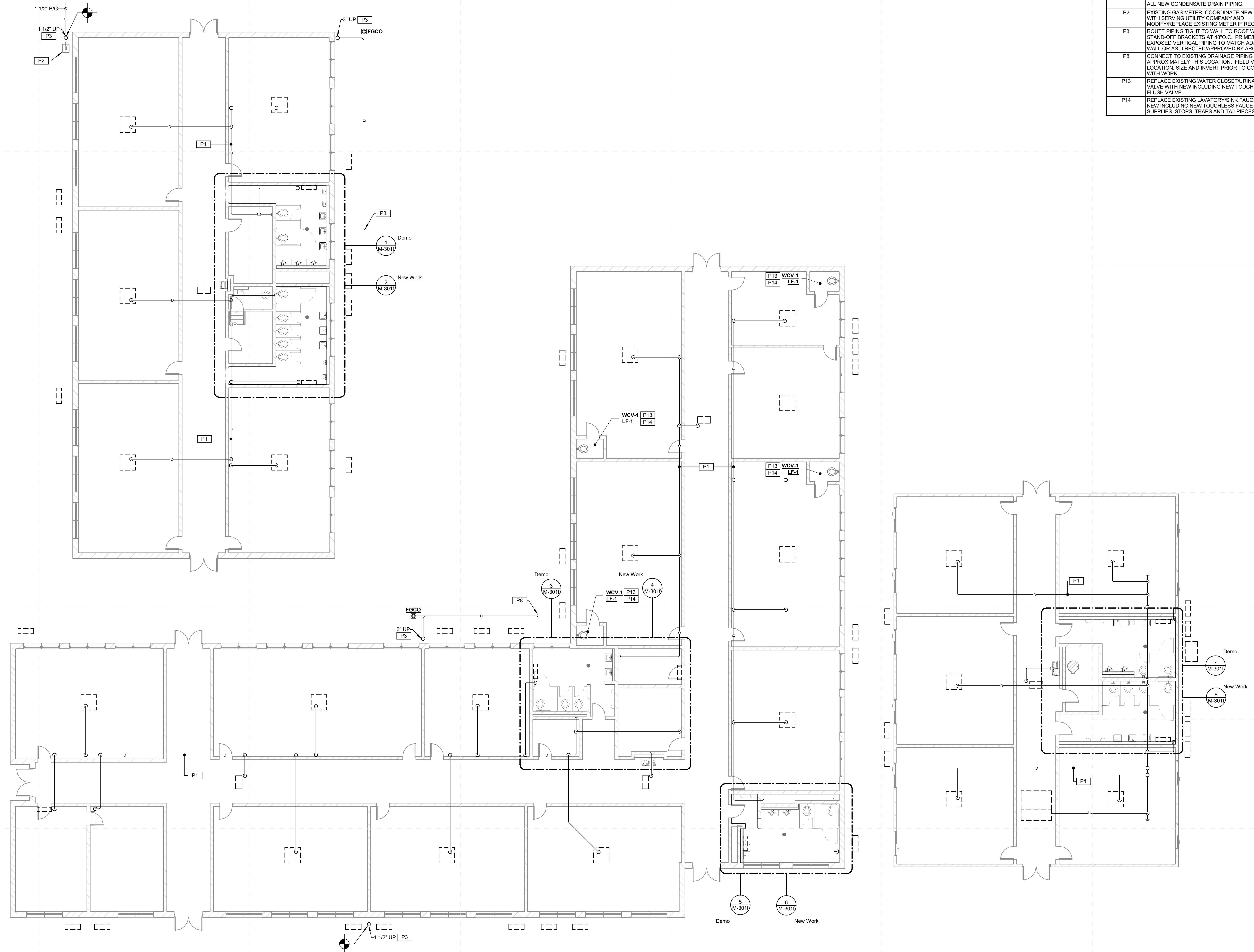
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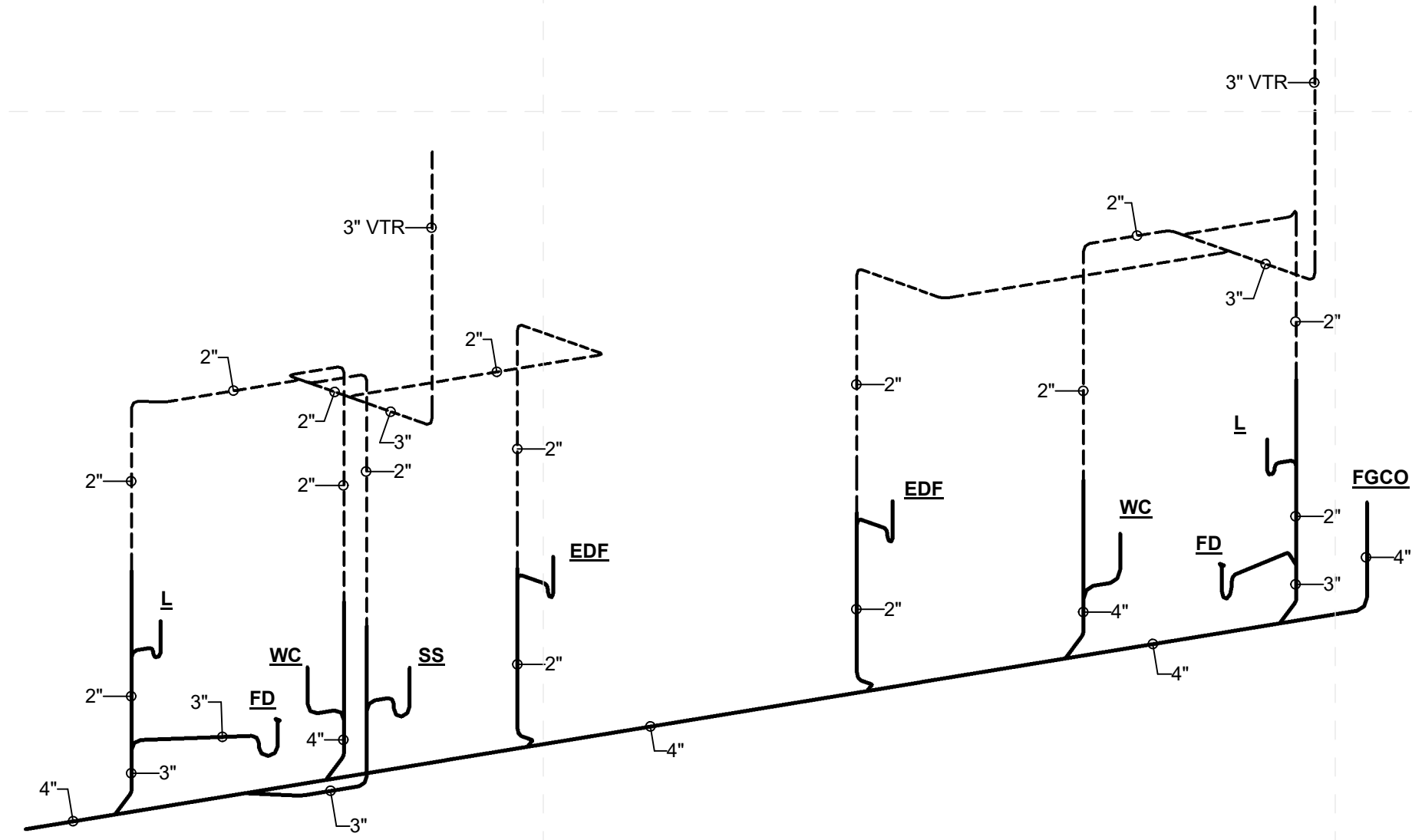
M-201f

Ruleville Elementary -
Partial Plumbing Plan

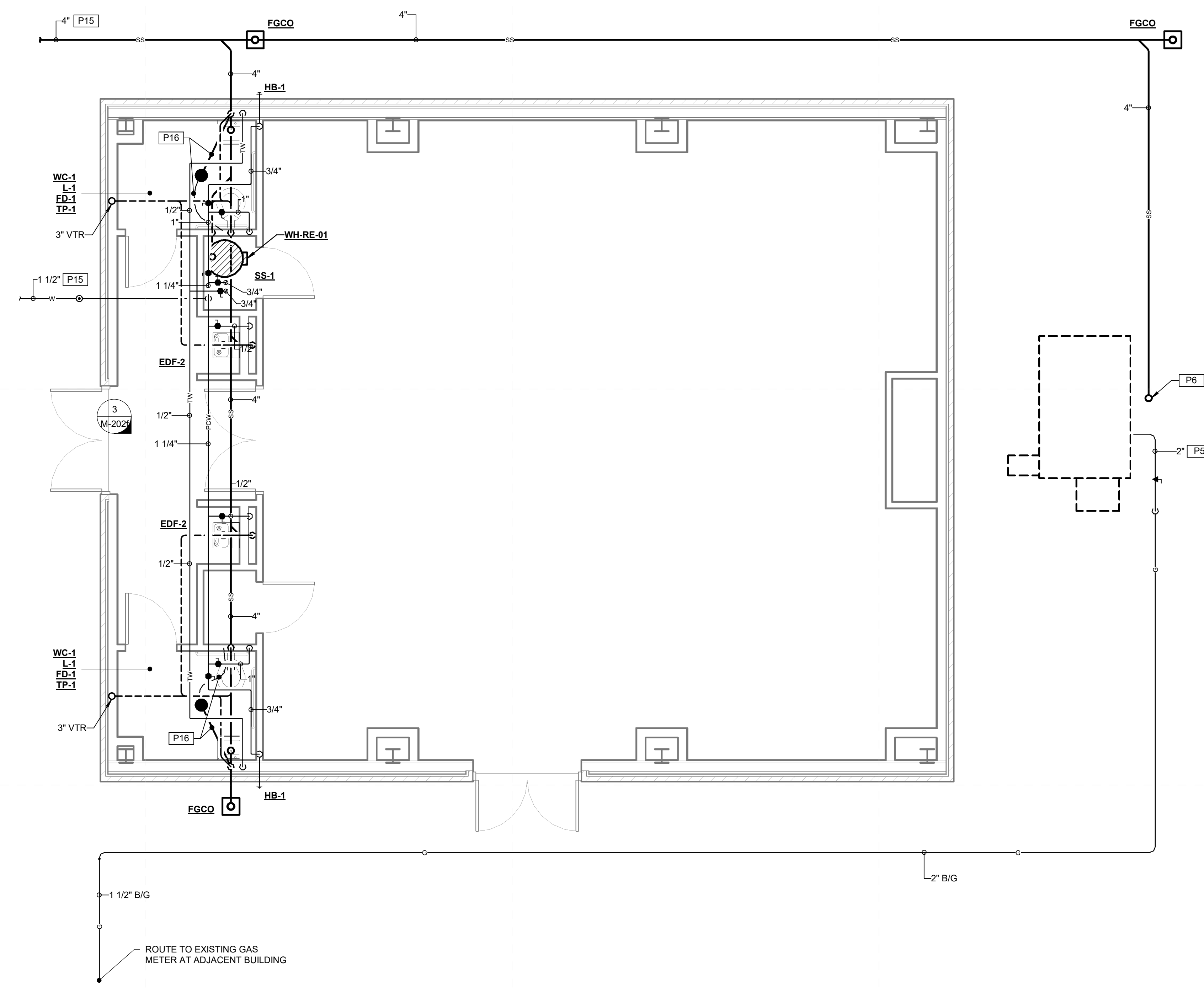
SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P2	EXISTING GAS METER. COORDINATE NEW GAS LOAD WITH SERVING UTILITY COMPANY AND MODIFY/REPLACE EXISTING METER IF REQUIRED.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAIN EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P8	CONNECT TO EXISTING DRAINAGE PIPING AT APPROXIMATELY THIS LOCATION. FIELD VERIFY LOCATION, SIZE AND INVERT PRIOR TO COMMENCING WITH WORK.
P13	REPLACE EXISTING WATER CLOSET URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET. SUPPLIES, STOPS, TRAPS AND TAILPIECES.



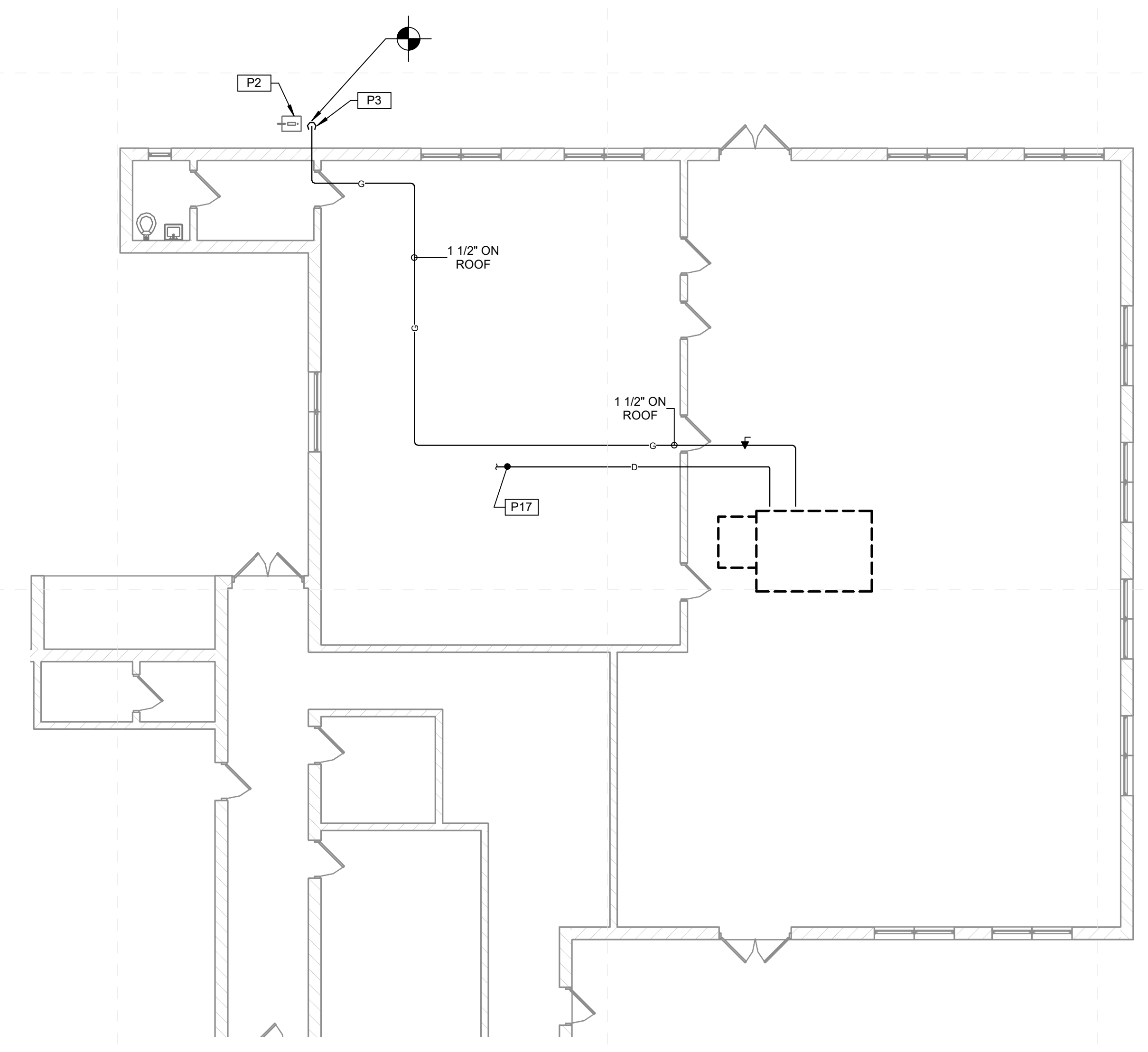
1 Ruleville Elementary - Partial Plumbing Plan (1)
M-201f 1/8" = 1'-0"



3 Plumbing Riser - Ruleville Elem (1)
M-202f



1 Ruleville Elementary - Partial Plumbing Plan (2)
M-202f 1/4" = 1'-0"



2 Ruleville Elementary - Partial Plumbing Plan (3)
M-202f 1/8" = 1'-0"

SPECIFIC PLUMBING NOTES	
P2	EXISTING GAS METER. COORDINATE NEW GAS LOAD WITH SERVING UTILITY COMPANY AND MODIFY/REPLACE EXISTING METER IF REQUIRED.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 45° C. PRIME/PAINT EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P5	ROUTE NEW GAS PIPING ATOP UNISTRUT SUPPORTS ATOP NEW EQUIPMENT CONCRETE PAD.
P6	TYPICAL TRAPPED HUB DRAIN (SIZE AS INDICATED) FOR PAD MOUNTED PACKAGE UNIT CONDENSATE DRAIN. SEE DETAIL FOR CLARITY. TRAP MAY BE OMITTED WHEN CONNECTING TO STORM DRAINAGE.
P15	TYPICAL SERVICE PIPING BELOW GRADE. SEE CIVIL DRAWINGS FOR CONTINUATION.
P16	1/2" TYPE 'K' SOFT COPPER TRAP PRIMER AND 3" WASTE BELOW SLAB/FLOOR.
P17	ROUTE NEW CONDENSATE DRAIN PIPING FROM ROOFTOP EQUIPMENT TO EXISTING VENT THROUGH ROOF AND WITH ELBOW TURNED DOWN.

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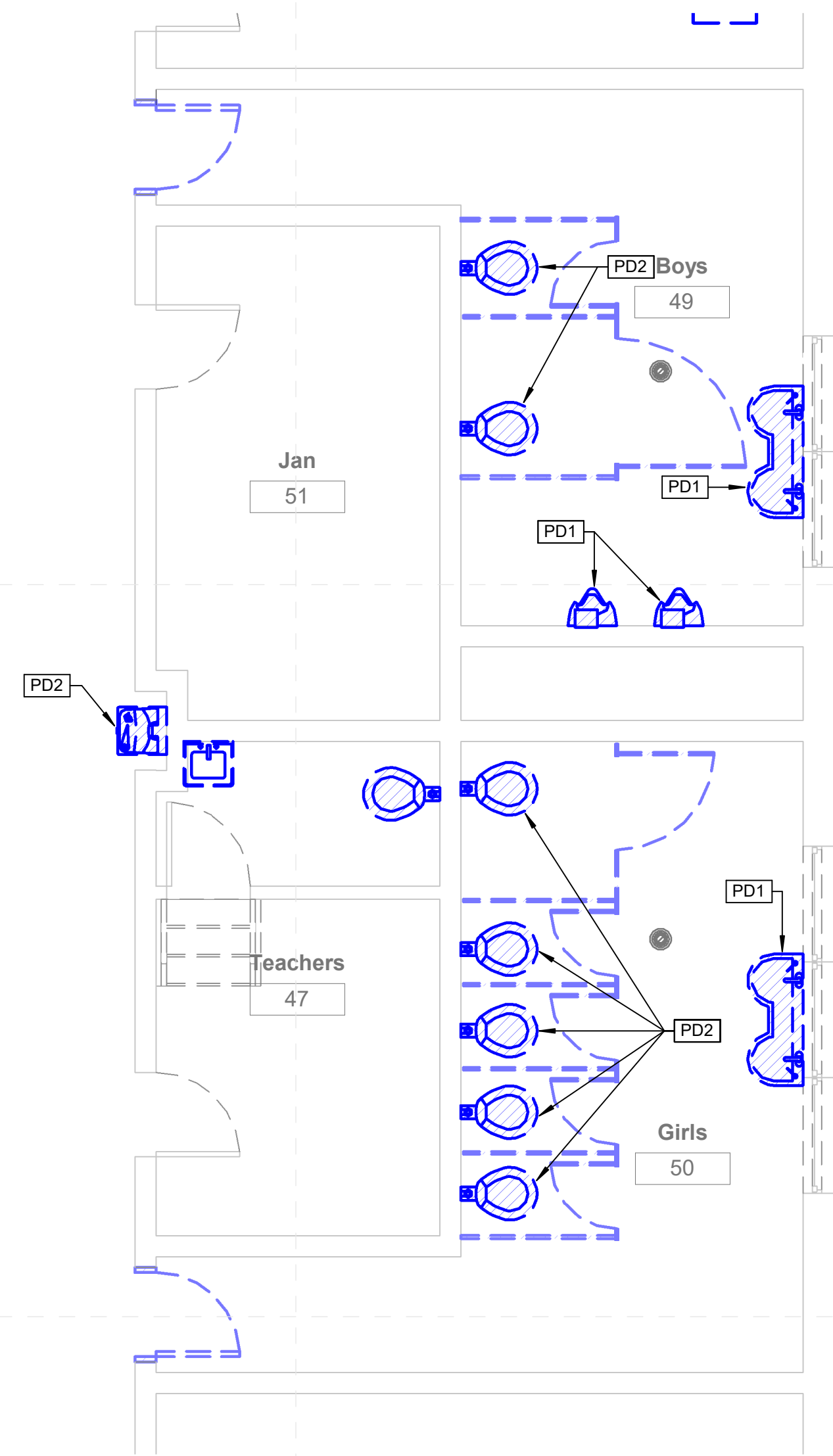
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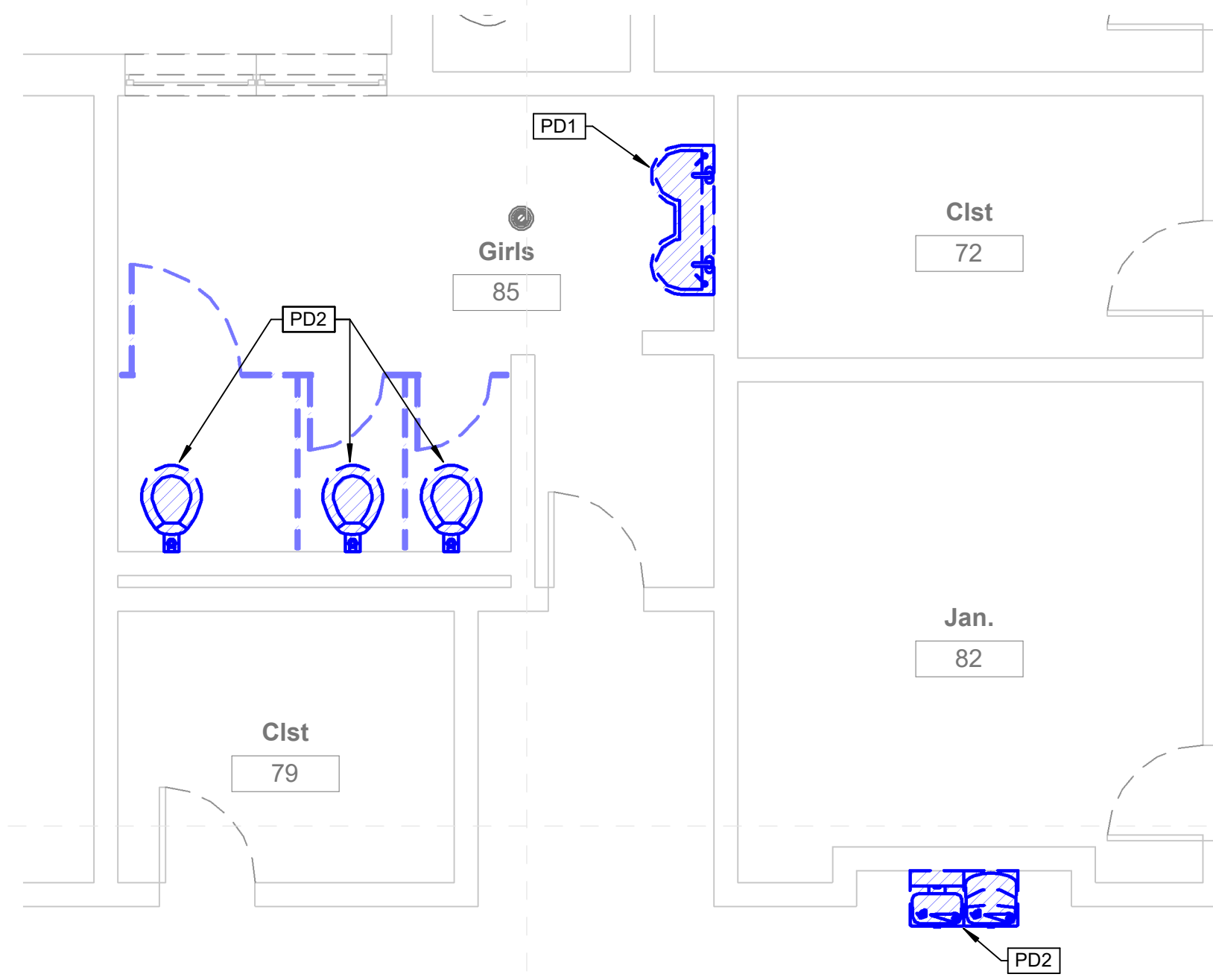
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M-202f
 Ruleville Elementary -
 Partial Plumbing Plan



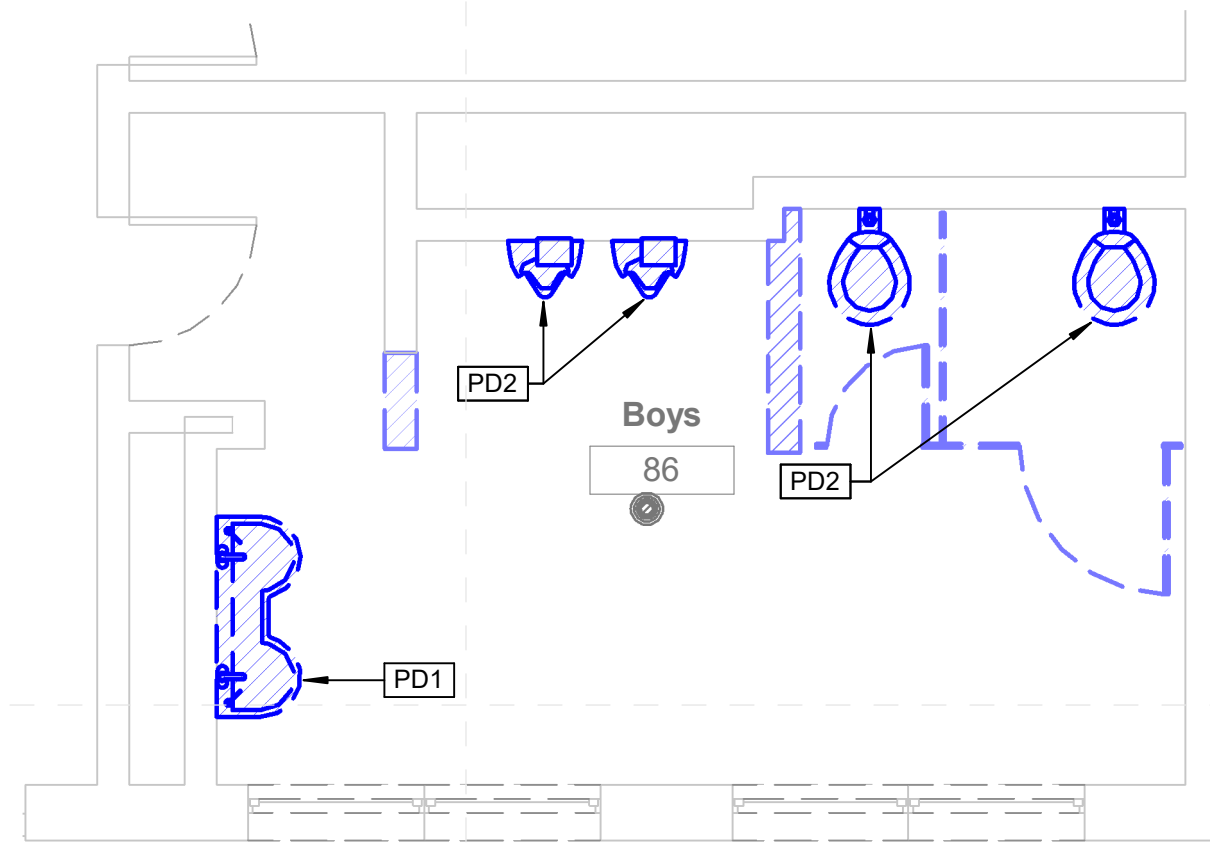
Ruleville Elementary - Enlarged Plumbing Demo Plan (1)

1
M-301/ 1/4" = 1'-0"



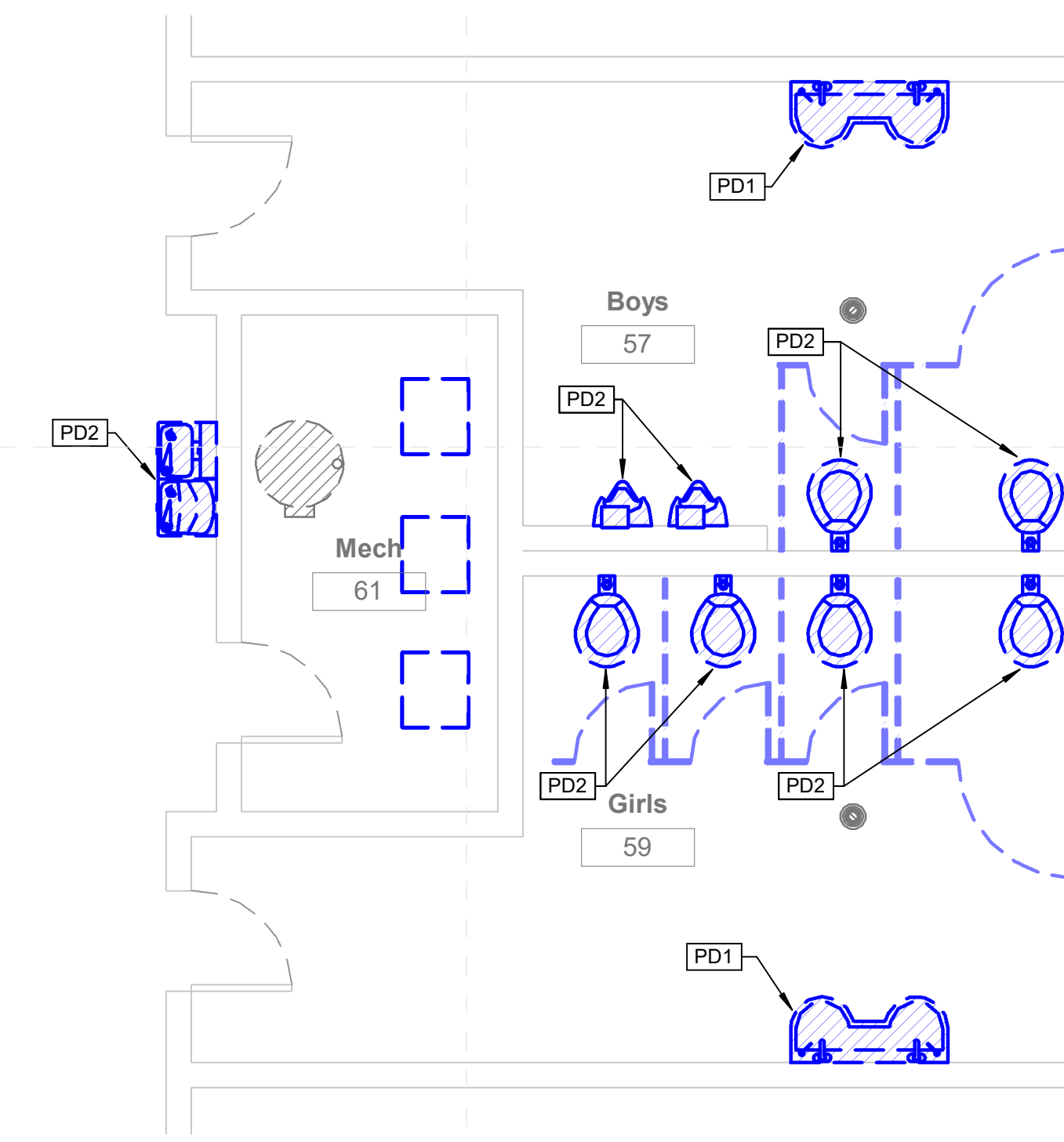
Ruleville Elementary - Enlarged Plumbing Demo Plan (2)

3
M-301/ 1/4" = 1'-0"



Ruleville Elementary - Enlarged Plumbing Demo Plan (3)

5
M-301/ 1/4" = 1'-0"

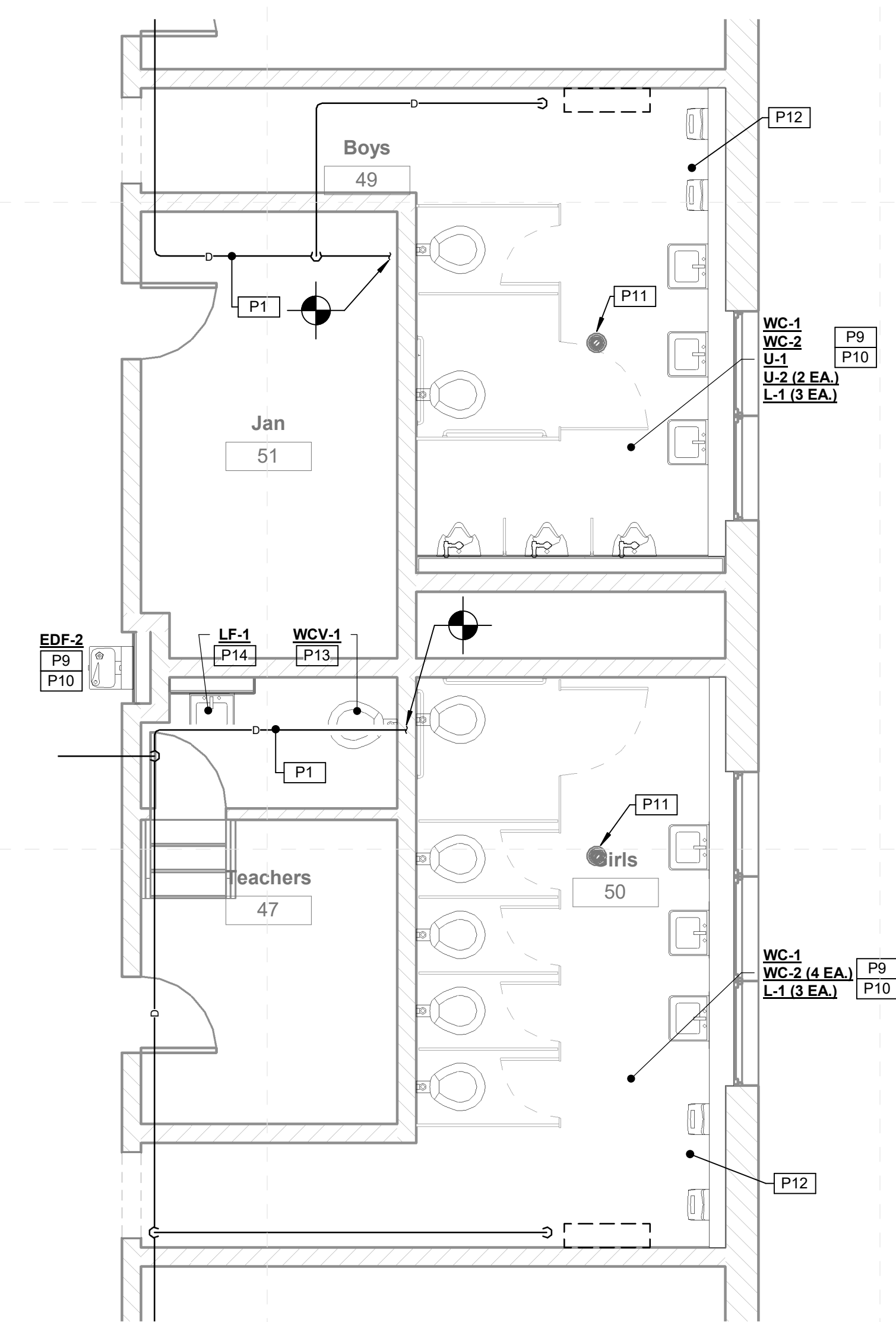


Ruleville Elementary - Enlarged Plumbing Demo Plan (4)

7
M-301/ 1/4" = 1'-0"

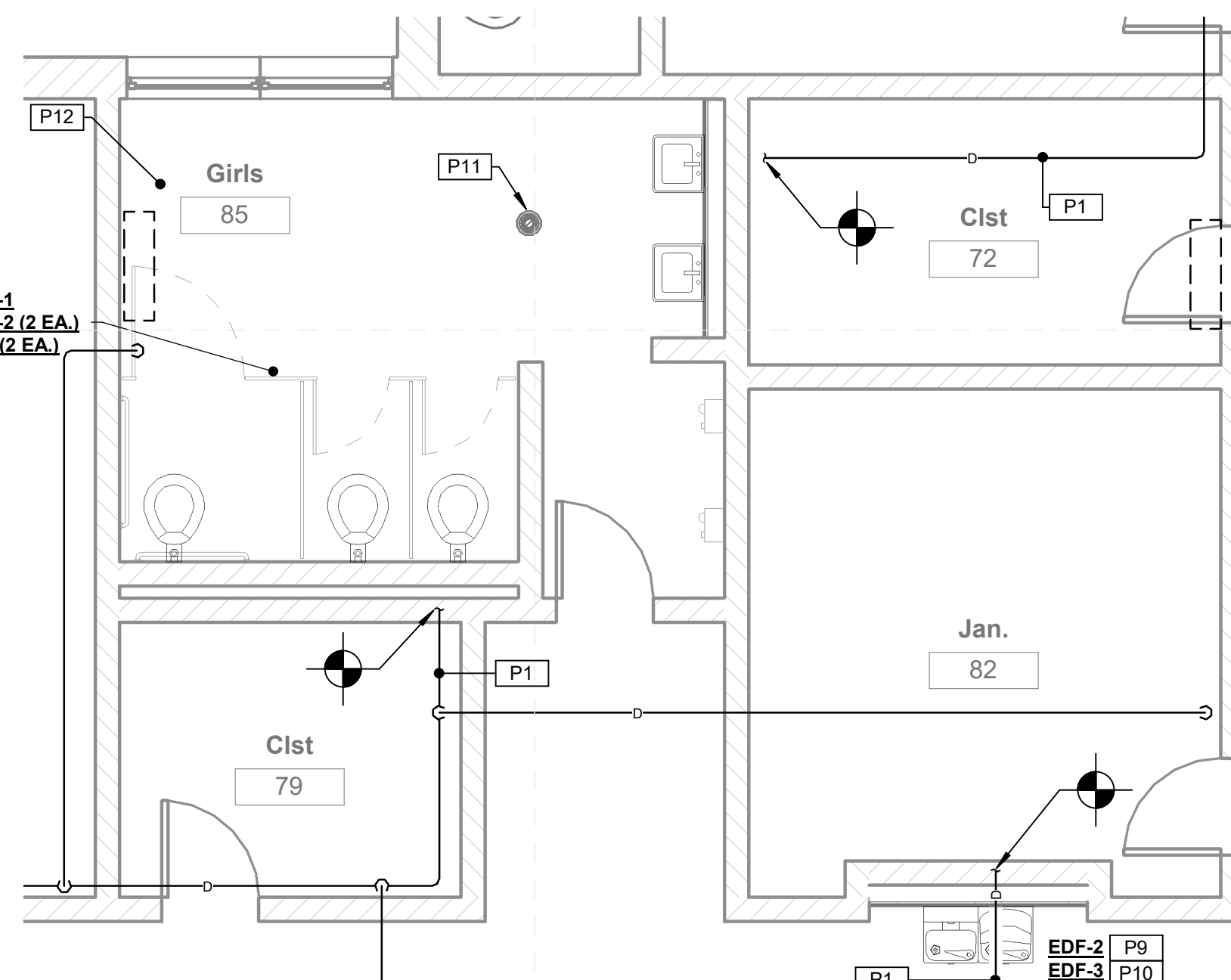
SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.

GENERAL PLUMBING NOTE:
SEE SHEET M-600 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.



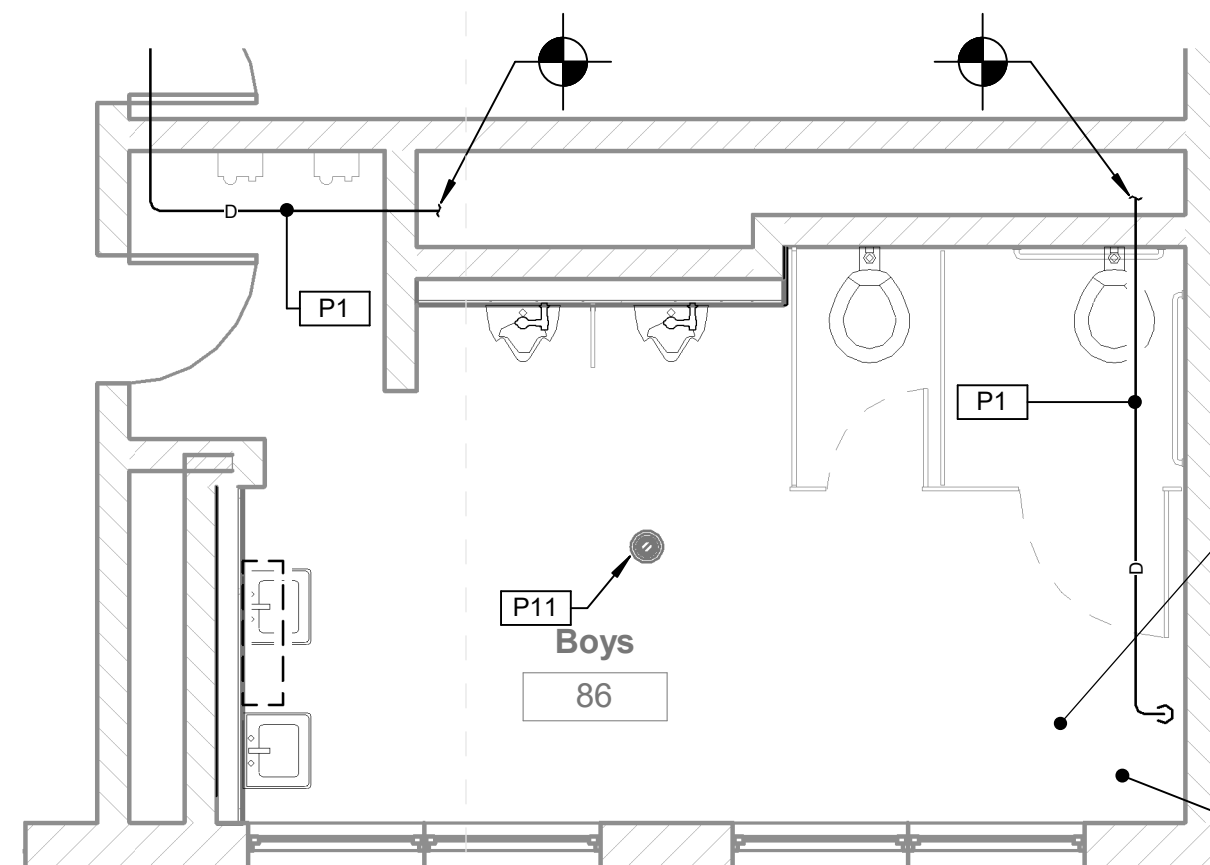
Ruleville Elementary - Enlarged Plumbing New Work Plan (1)

2
M-301/ 1/4" = 1'-0"



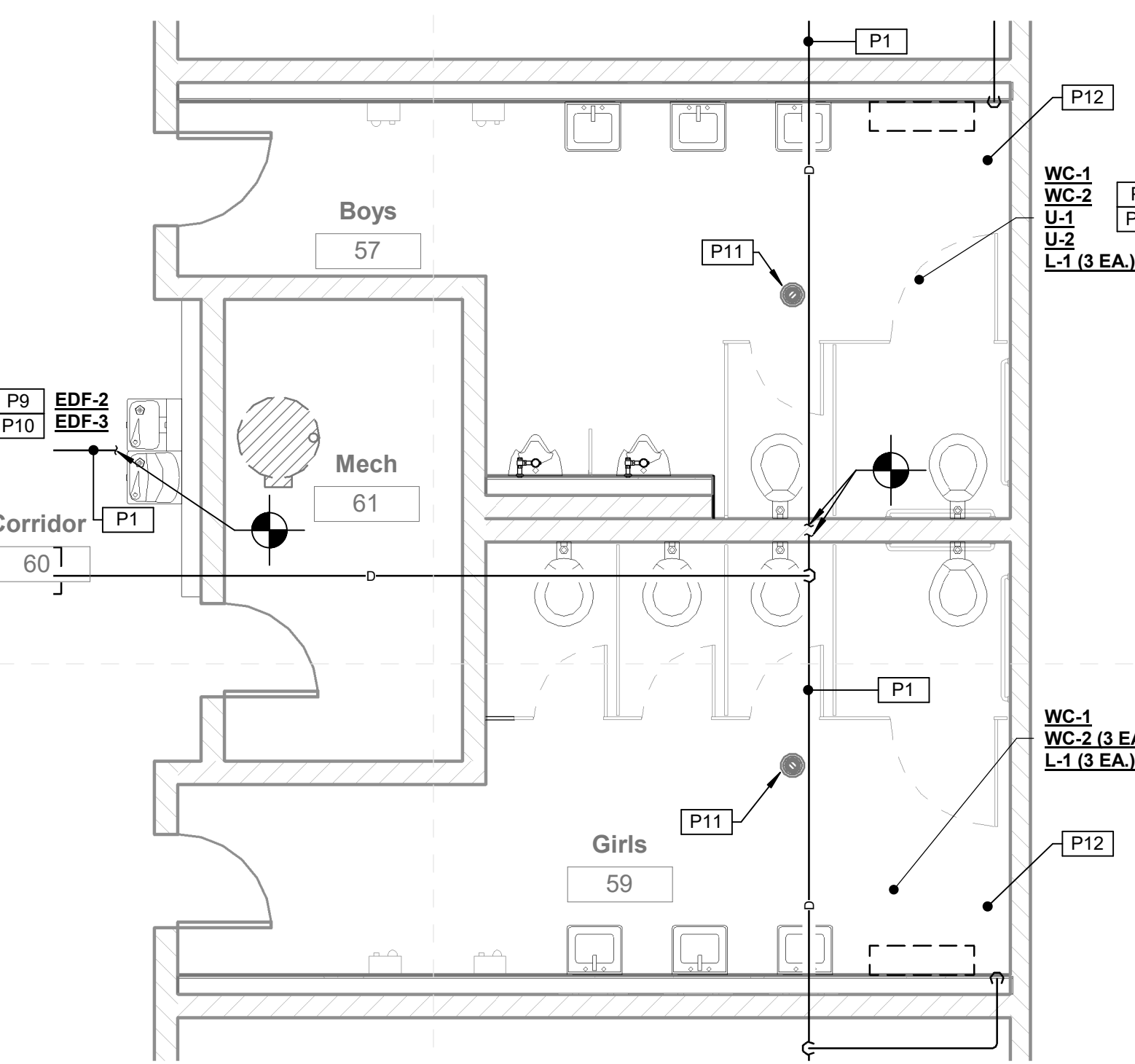
Ruleville Elementary - Enlarged Plumbing New Work Plan (2)

4
M-301/ 1/4" = 1'-0"



Ruleville Elementary - Enlarged Plumbing New Work Plan (3)

6
M-301/ 1/4" = 1'-0"



Ruleville Elementary - Enlarged Plumbing New Work Plan (4)

8
M-301/ 1/4" = 1'-0"

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEAREST VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 90° OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS, ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING CLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P13	REPLACE EXISTING WATER CLOSET/URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET. SUPPLIES, STOPS, TRAPS AND TAILPIECES.

SPECIFIC HVAC DEMOLITION NOTES	
MD1	DEMOLISH EXISTING WINDOW UNIT. REFER TO ARCHITECTURAL DRAWINGS FOR WINDOW/WALL INFILL.
MD2	DEMOLISH EXISTING HEATER AS INDICATED. EXISTING FLUE THROUGH ROOF TO BE CAPPED PER DETAIL WHERE APPLICABLE.
MD4	DEMOLISH EXISTING EXHAUST FAN AS INDICATED.
MD7	DEMOLISH EXISTING AIR CONDITIONING EQUIPMENT AS INDICATED.

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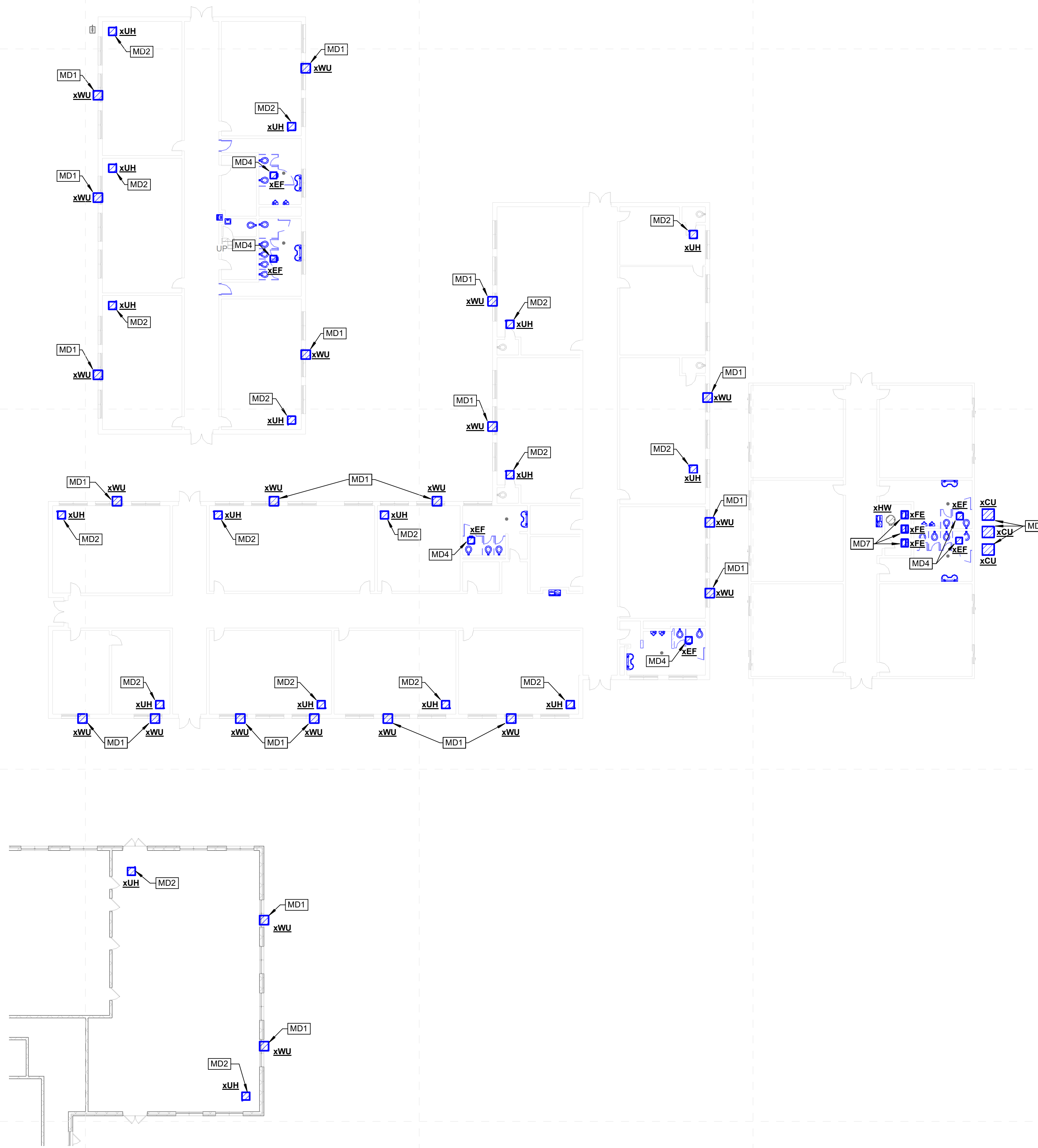
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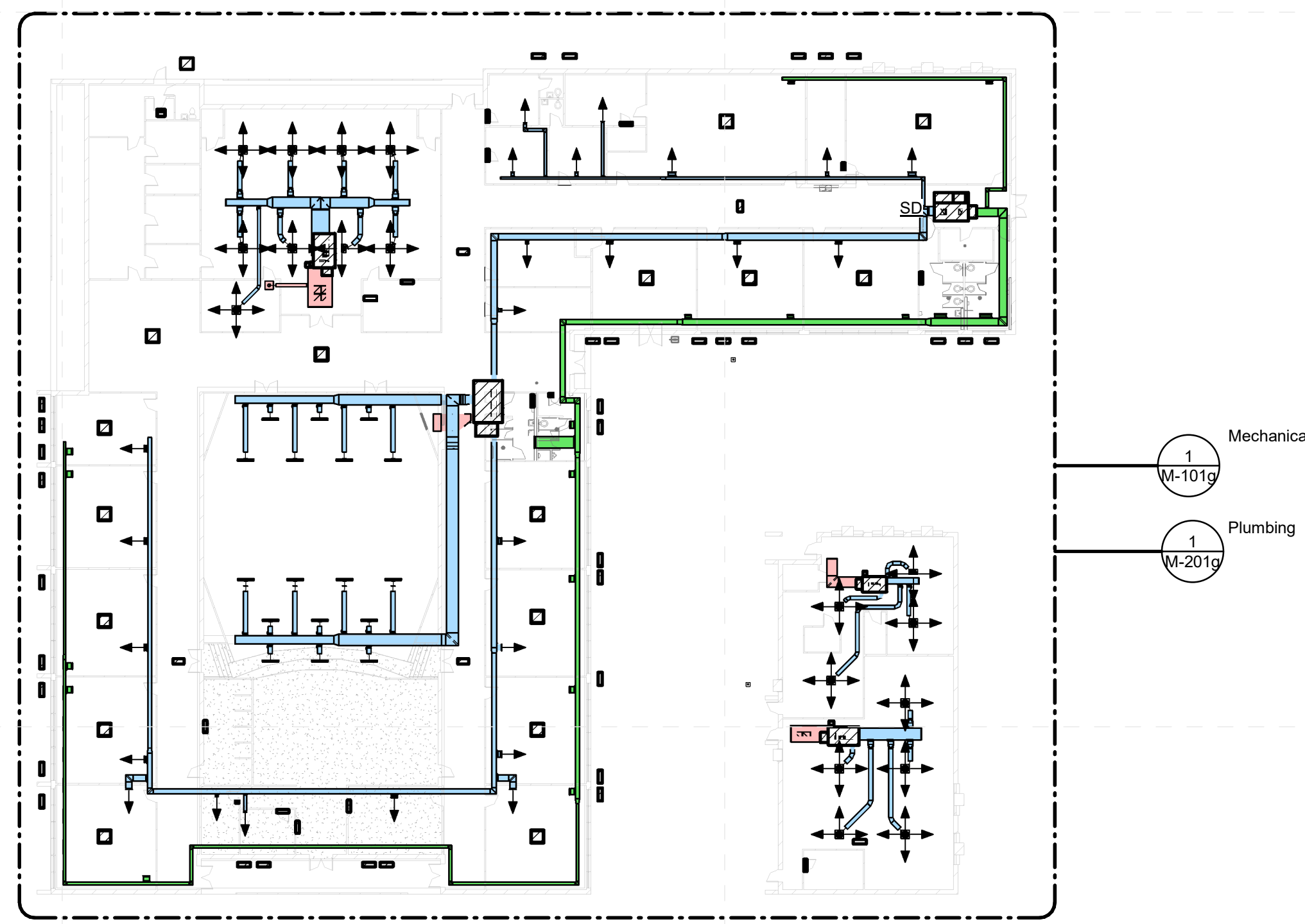
Revisions	Rev Date

MD001f
Ruleville Elementary -
Overall Mechanical
Demolition Plan

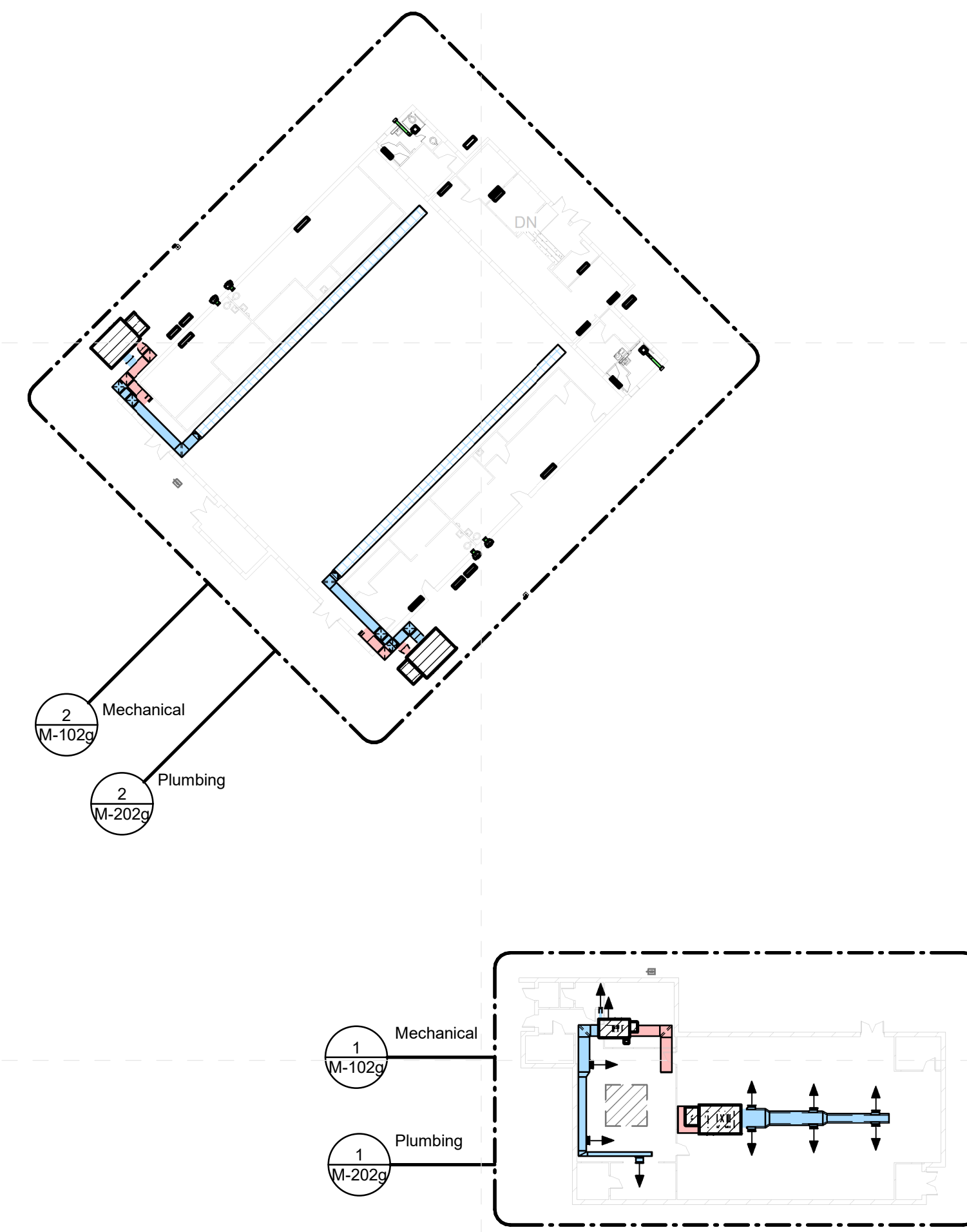


Ruleville Elementary - Overall Mechanical Demolition Plan

1
MD001f
1/16" = 1'-0"



Ruleville Middle - Overall Mechanical Plan
1
M-001g
1" = 30'-0"



SPECIFIC PLUMBING NOTES	
P3	ROUTE PIPING TIGHT TO WALL WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAIN EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P7	ALL CONDENSATE AND GAS PIPING SHALL BE SUPPORTED PER ROOFTOP PIPING SUPPORT DETAIL AND SPECIFICATIONS.

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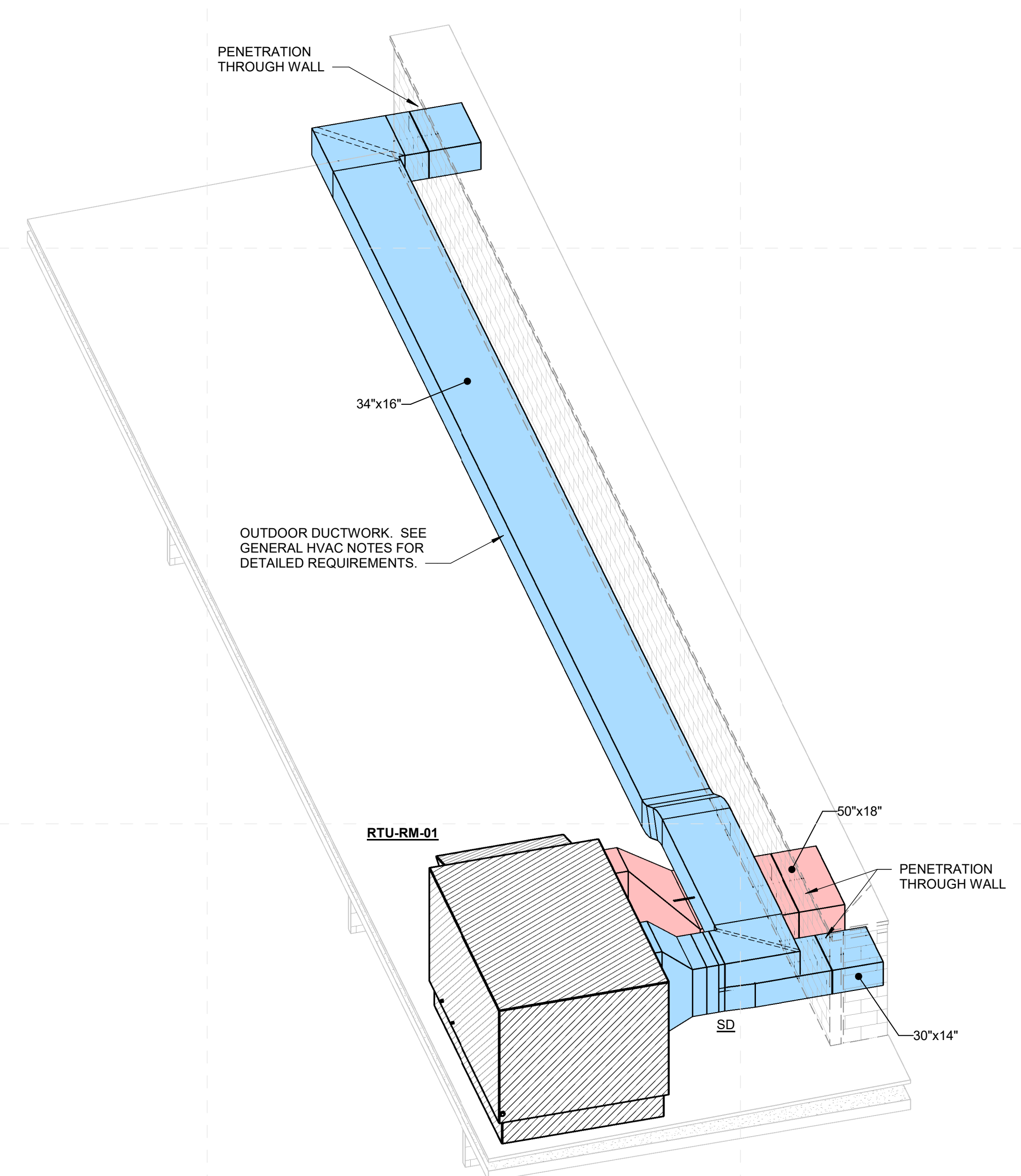
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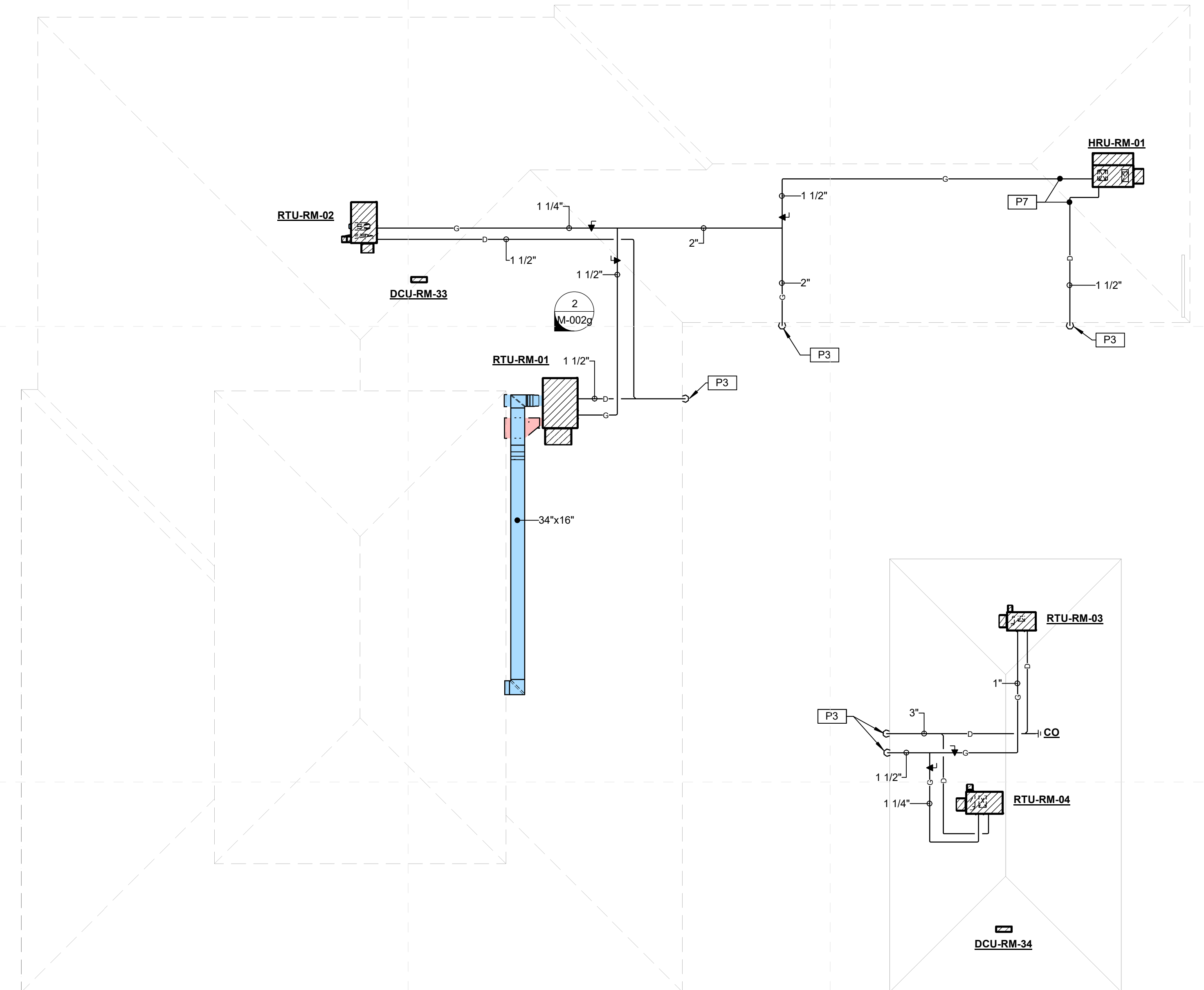
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M-002g
Ruleville Middle - Mechanical Roof Plan



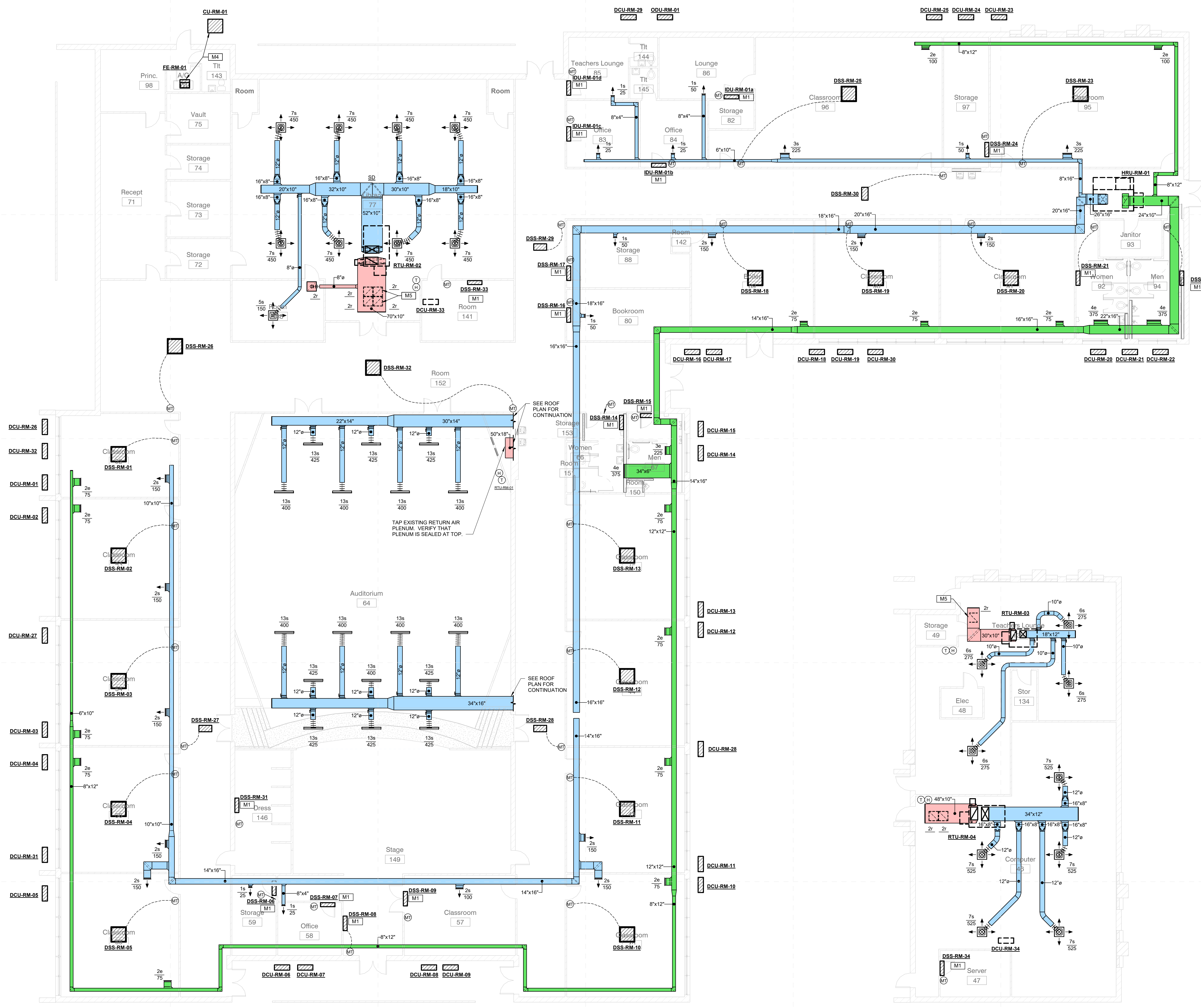
2 M-002g Isometric of RTU-RM-01



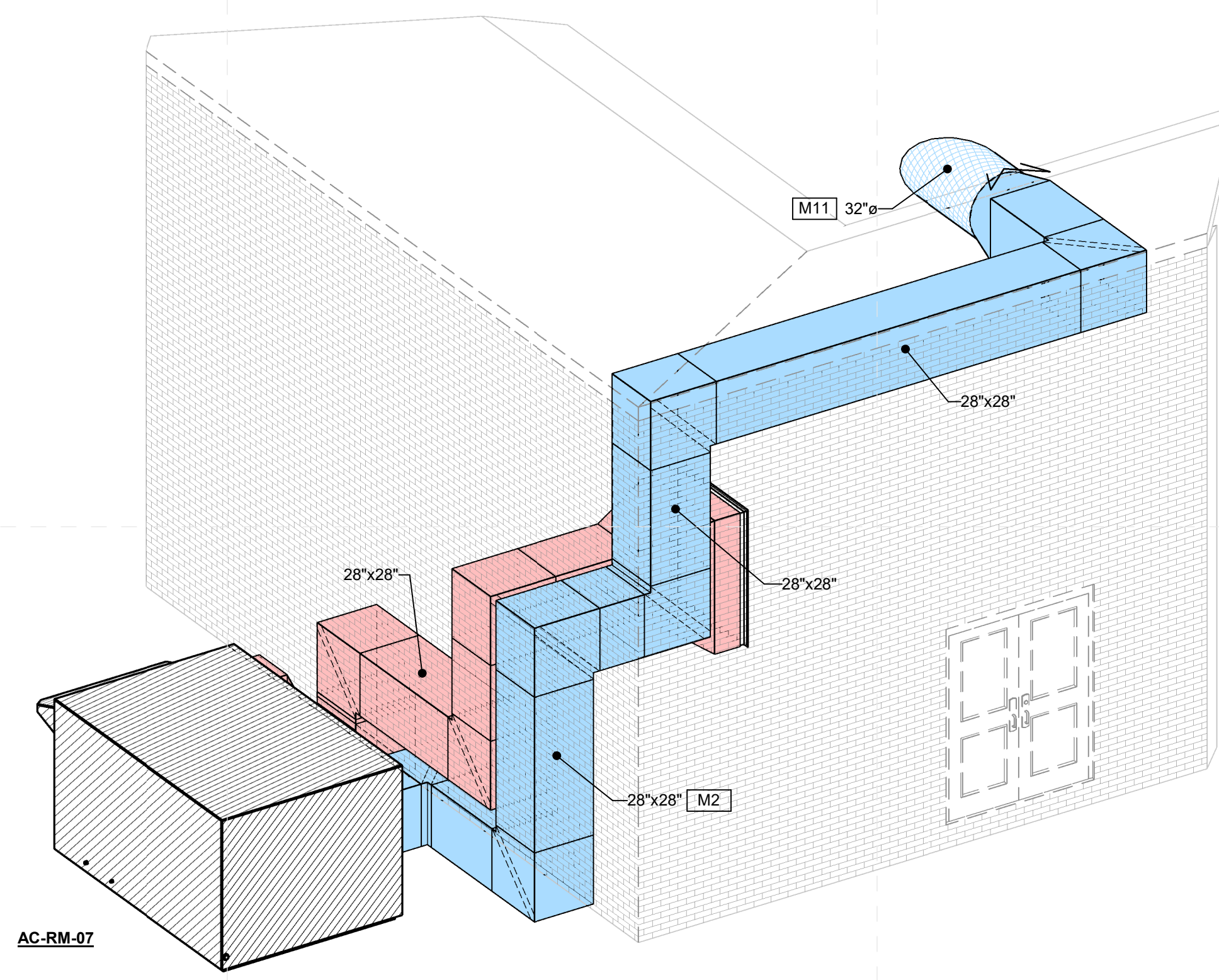
1 M-002g Ruleville Middle - Mechanical Roof Plan (1)
1/16" = 1'-0"

SPECIFIC HVAC NOTES

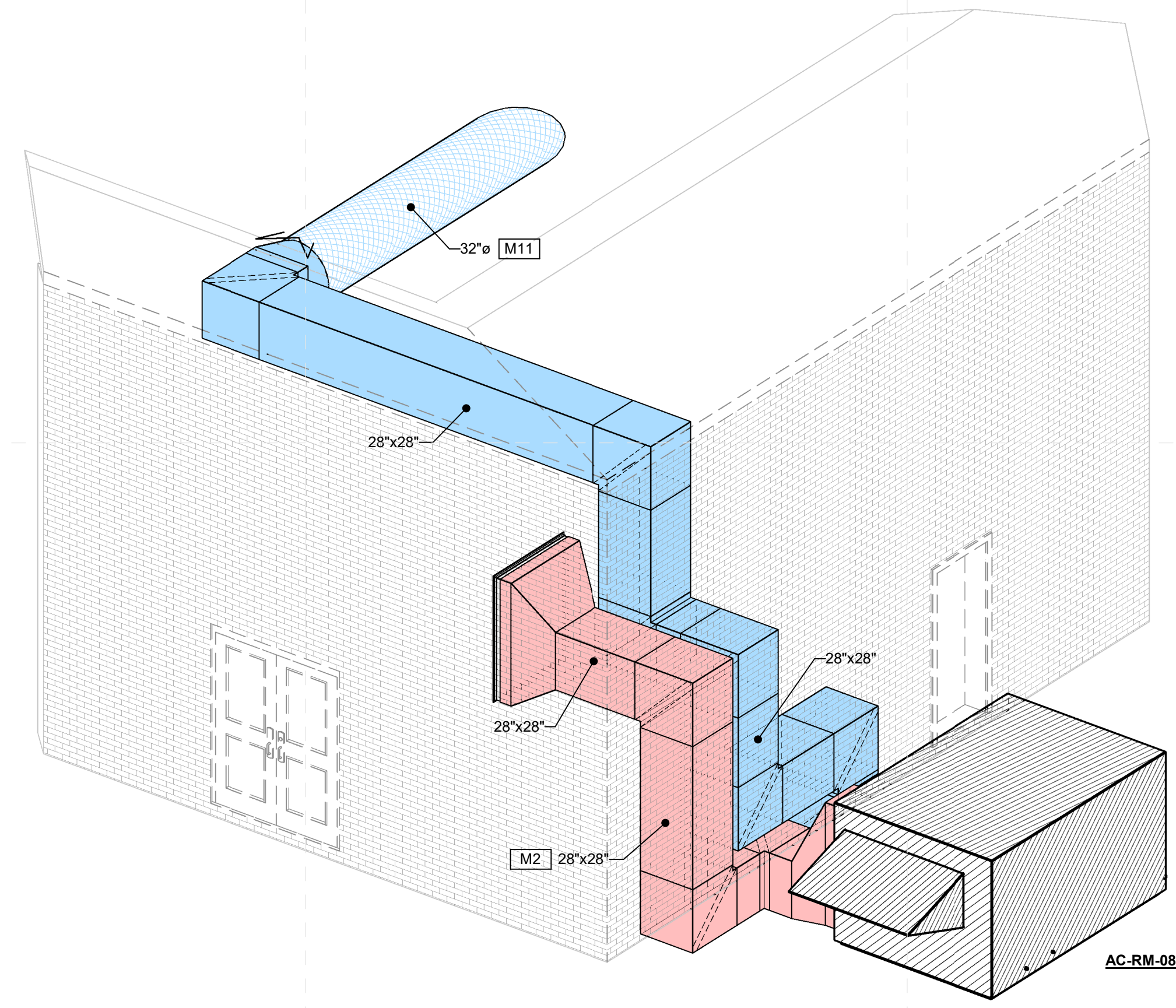
M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN "LINE-HIDE" ACCESSORIES. SEE DETAIL.
M4	REPLACE EXISTING SPLIT SYSTEM. PROVIDE NEW SUPPLY AIR DUCTWORK TRANSITIONS AS REQUIRED TO CONNECT TO EXISTING TRUNK DUCT. RE-CONNECT EXISTING GAS SERVICE PIPING (WHERE APPLICABLE) WITH NEW UNION, GAS COCK AND DRIP LEG. CONNECT NEW CONDENSATE DRAIN PIPING TO EXISTING DISCHARGE PIPING IN SAME LOCATION. PROVIDE NEW THERMOSTAT (IN SAME LOCATION AS EXISTING). EXISTING REFRIGERANT PIPING SIZES SHALL BE FIELD VERIFIED TO BE COMPATIBLE WITH NEW UNIT. IF COMPATIBLE EXISTING PIPING TO BE CLEANED UTILIZING PIPEWIPER (BY A-JACKS MANUFACTURING) AND FLUSHED WITH QUIK SYSTEM FLUSH BY MAINSTREAM ENGINEERING CORPORATION. SUBSEQUENTLY, EXISTING PIPING SHALL BE PRESSURE TESTED AND CLEANED AS REQUIRED FOR NEW INSTALLATION. IF NOT COMPATIBLE, EXISTING PIPING SHALL BE DEMOLISHED AND NEW REFRIGERANT PIPING PROVIDED. ROUTE NEW FLUE THROUGH ROOF OR SIDEWALL UTILIZING EXISTING OPENING. SEE SPECIFICATIONS. SEE DETAILS FOR FURTHER INSTRUCTION.
M5	FULL NECK SIZE ACOUSTICALLY LINED PLENUM ATOP AIR DISTRIBUTION DEVICE.



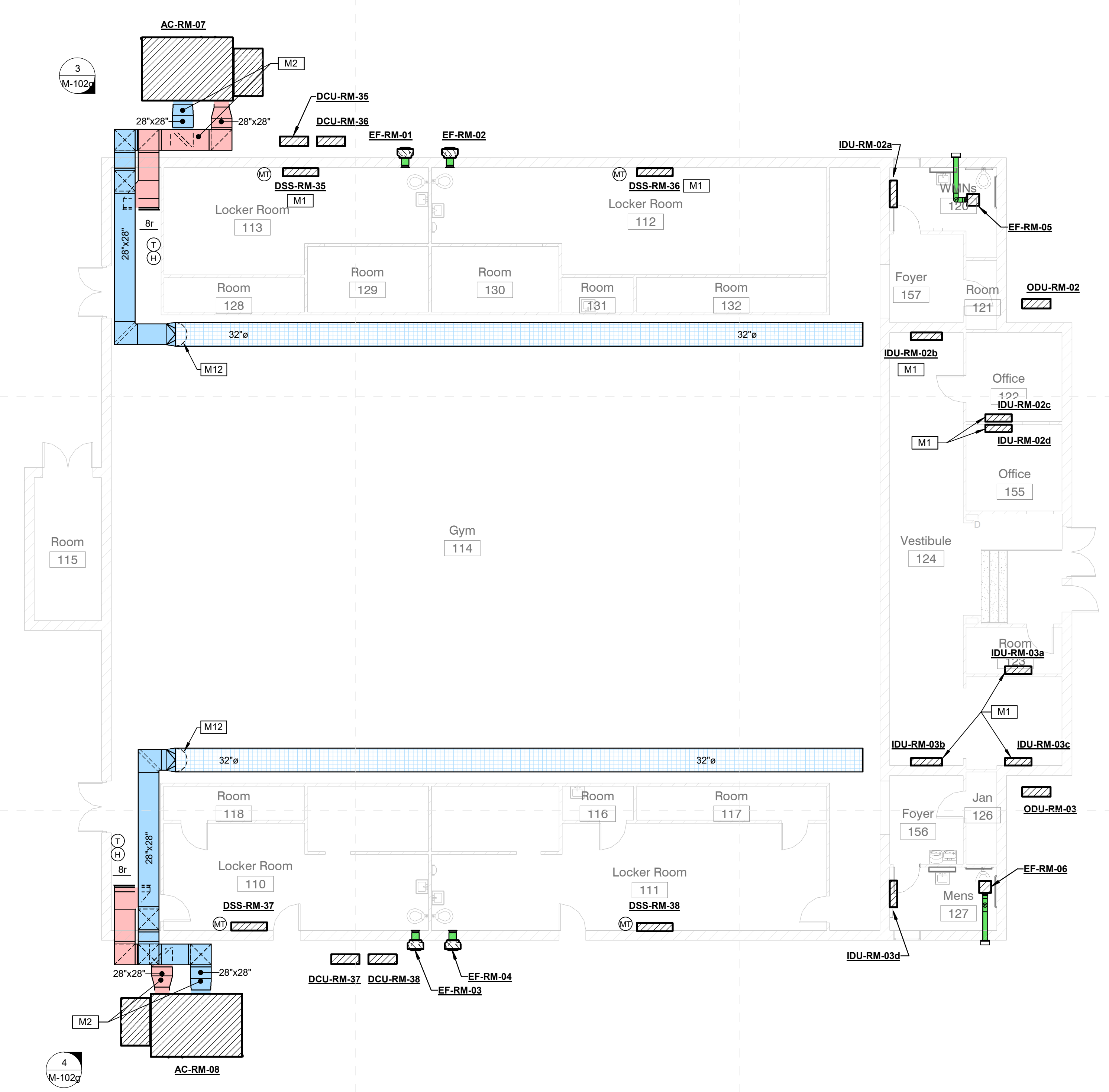
1 Ruleville Middle - Partial Mechanical Plan (1)
M-101g 1/8" = 1'-0"



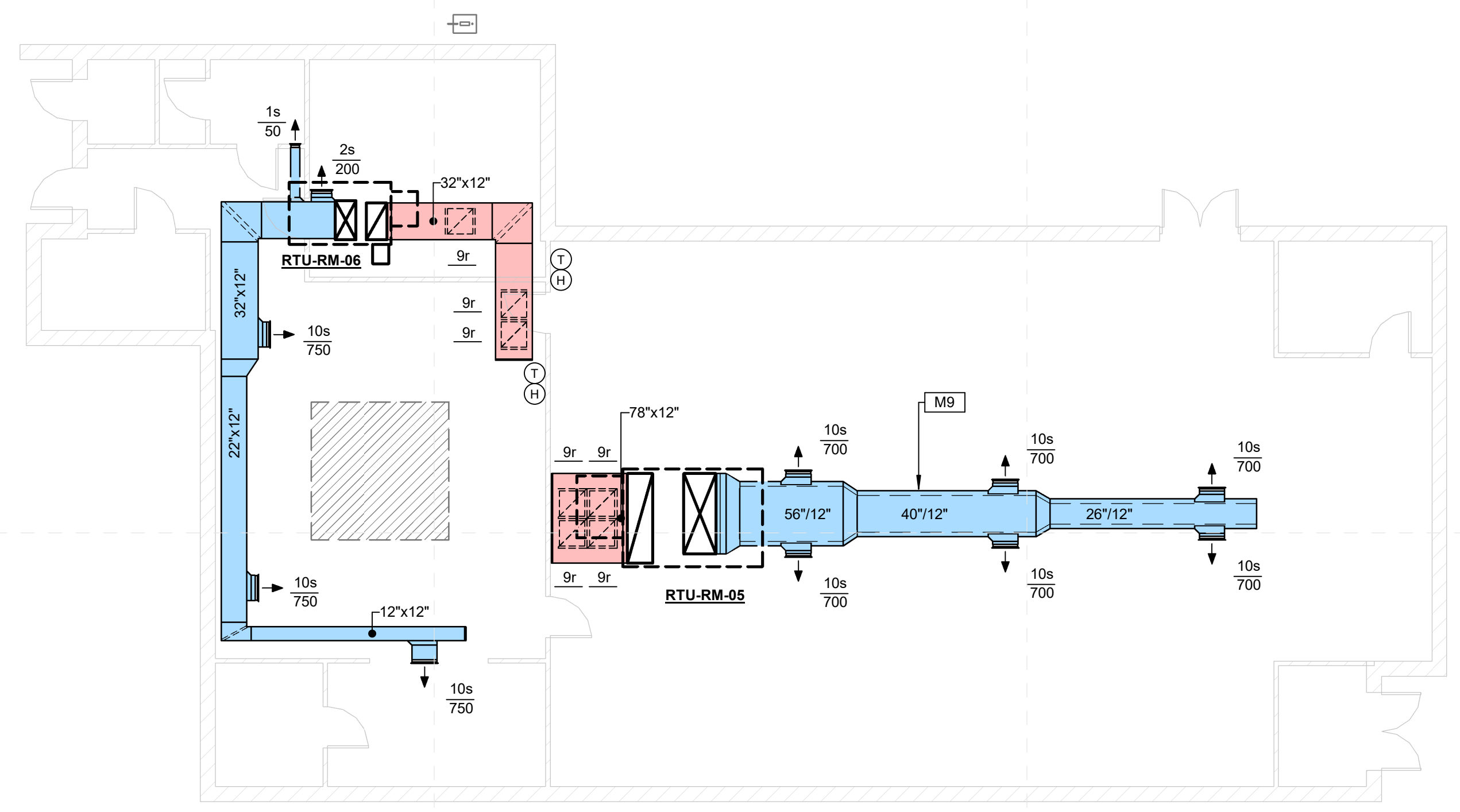
3 M-102g
Isometric of AC-RM-07



4 M-102g
Isometric of AC-RM-08



2 M-102g 1/8" = 1'-0"
Ruleville Middle - Partial Mechanical Plan (3)



1 M-102g 1/8" = 1'-0"
Ruleville Middle - Partial Mechanical Plan (2)

SPECIFIC HVAC NOTES	
M1	DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. ROUTE NEW CONDENSATE DRAIN AND REFRIGERANT PIPING CONCEALED IN "LINE-HIDE" ACCESSORIES. SEE DETAIL.
M2	OUTDOOR DUCTWORK. SEE GENERAL HVAC NOTES FOR DETAILED REQUIREMENTS.
M9	TYPICAL DOUBLE WALL INSULATED FLAT OVAL SPIRAL DUCTWORK ROUTED HIGH NEAR BOTTOM OF STRUCTURE AS INDICATED. PRIME AND PAINT ALL EXPOSED DUCTWORK AS DIRECTED/APPROVED BY ARCHITECT. LOCATE DUCTS SYMMETRICALLY IN SPACE WITH EXPOSED STRUCTURE AND AS APPROVED BY ARCHITECT.
M11	FABRIC DUCT. SEE DETAIL AND/OR SCHEDULE FOR AIRFLOW DISTRIBUTION PATTERN REQUIREMENTS.
M12	AIR STRAIGHTENING CONE PROVIDED BY FABRIC DUCT MANUFACTURER.

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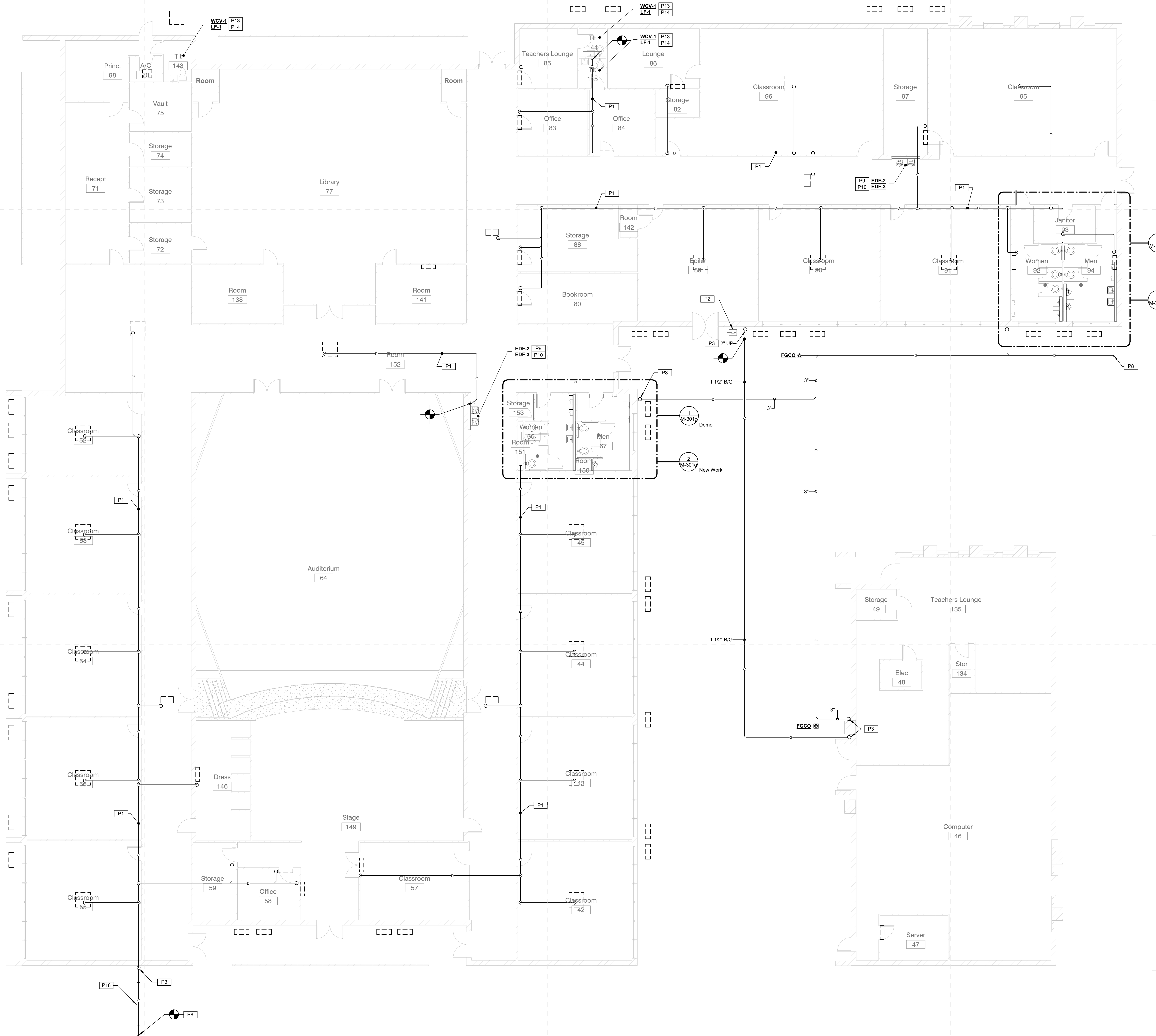
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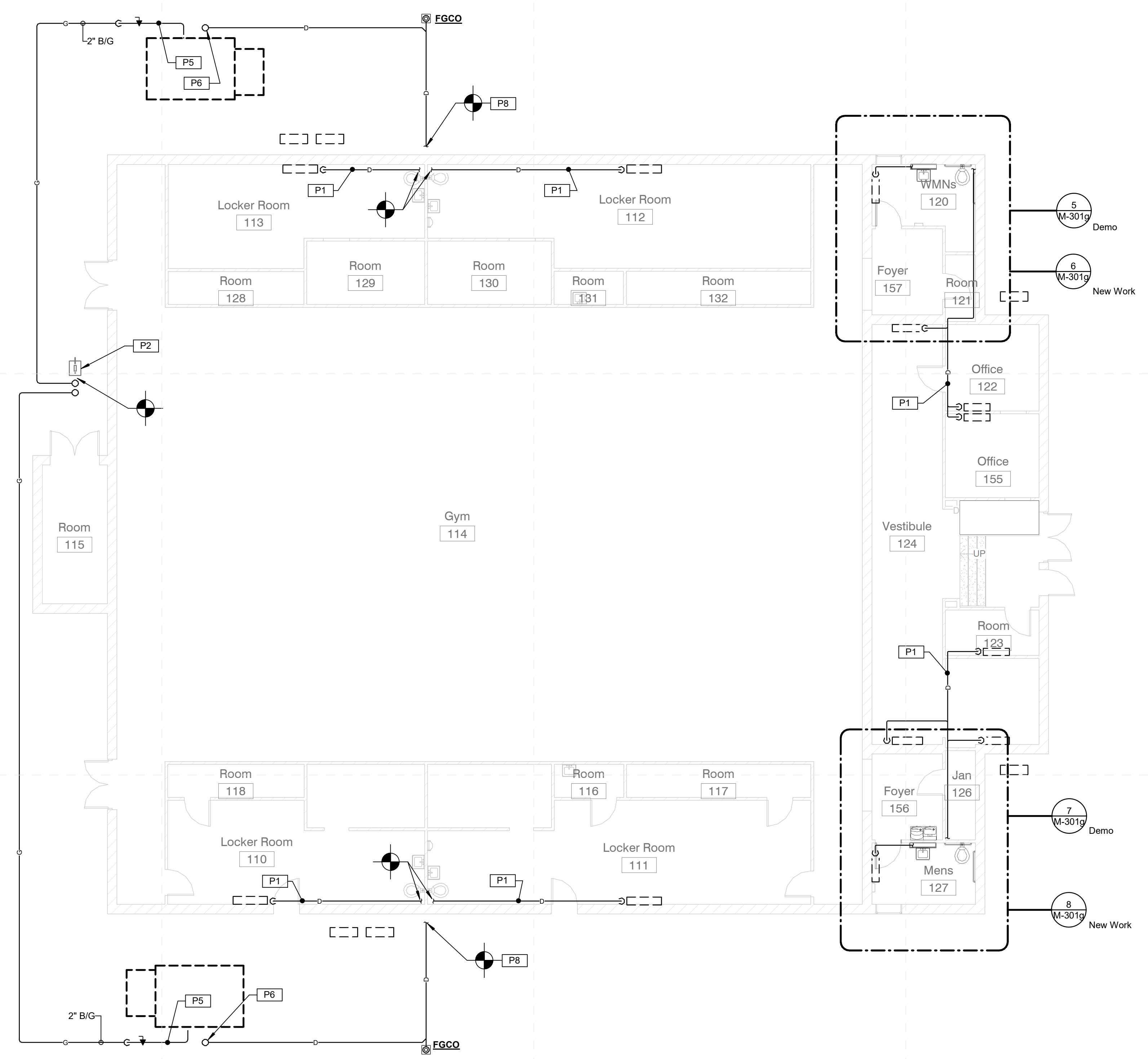
M-102g
Ruleville Middle - Partial Mechanical Plans

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 30'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P2	EXISTING GAS METER. COORDINATE NEW GAS LOAD WITH SERVING UTILITY COMPANY AND MODIFY/REPLACE EXISTING METER IF REQUIRED.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAIN EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P8	CONNECT TO EXISTING DRAINAGE PIPING AT APPROXIMATELY THIS LOCATION. FIELD VERIFY LOCATION, SIZE AND INVERT PRIOR TO COMMENCING WITH WORK.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS, ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P13	REPLACE EXISTING WATER CLOSET/URINAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET, SUPPLIES, STOPS, TRAPS AND TAILPIECES.
P18	BORE AND SLEEVE ACROSS EXISTING WALK TO INSTALL NEW GAS PIPING. SLEEVE SHALL EXTEND MINIMUM 36" BEYOND EDGE OF PAVING EACH SIDE AND BE OF SIZE TO MATCH APPLICATION.

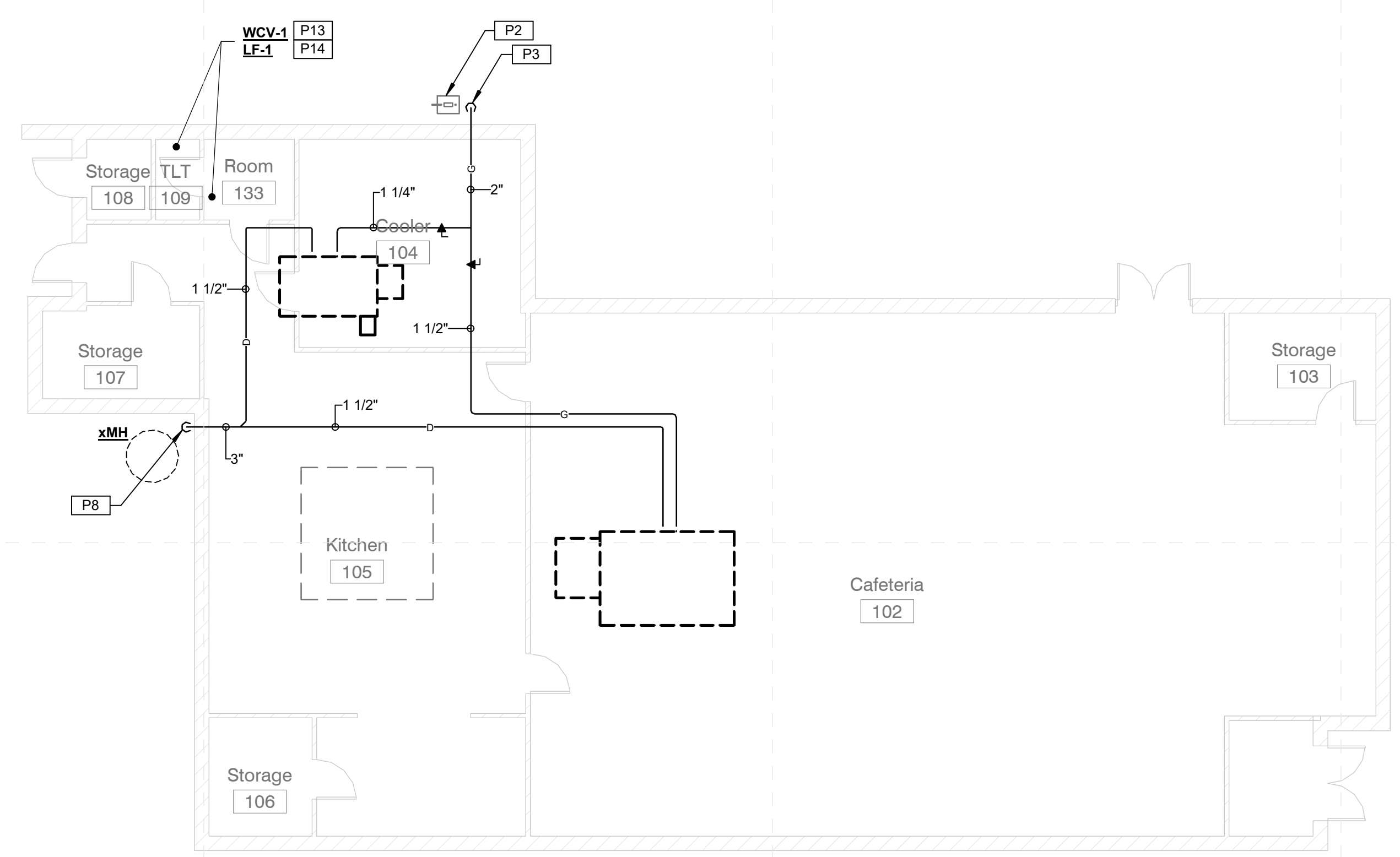


1 Ruleville Middle - Partial Plumbing Plan (1)
1/8" = 1'-0"

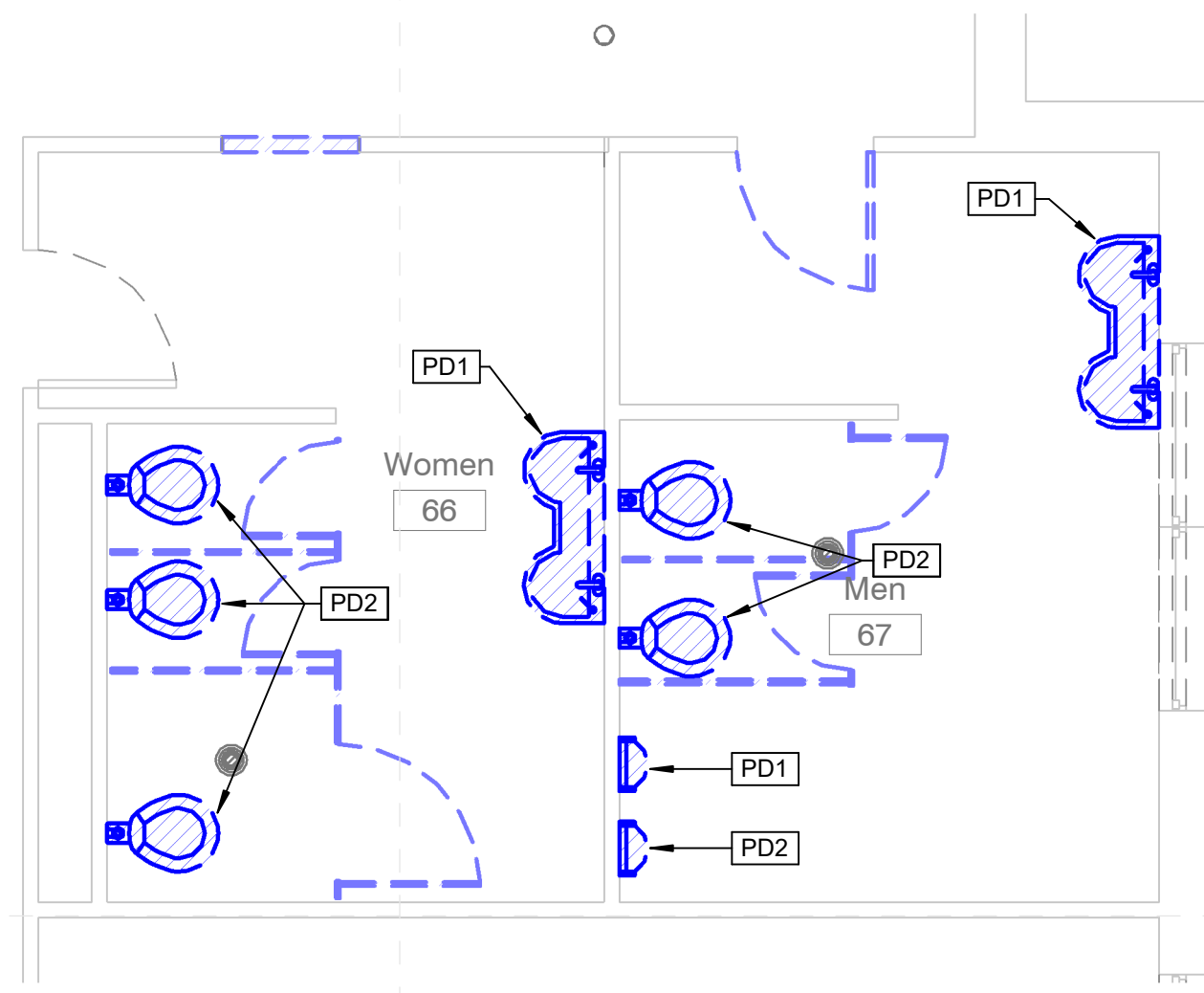
SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P2	EXISTING GAS METER. COORDINATE NEW GAS LOAD WITH SERVING UTILITY COMPANY AND MODIFY/REPLACE EXISTING METER IF REQUIRED.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAIN EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P5	ROUTE NEW GAS PIPING ATOP UNISTRUT SUPPORTS AT OP NEW EQUIPMENT CONCRETE PAD.
P6	TYPICAL TRAPPED HUB DRAIN (SIZE AS INDICATED) FOR PAD MOUNTED PACKAGE UNIT CONDENSATE DRAIN. SEE DETAIL FOR CLARITY. TRAP MAY BE OMITTED WHEN CONNECTING TO STORM DRAINAGE.
P8	CONNECT TO EXISTING DRAINAGE PIPING AT APPROXIMATELY THIS LOCATION. FIELD VERIFY LOCATION, SIZE AND INVERT PRIOR TO COMMENCING WITH WORK.
P13	REPLACE EXISTING WATER CLOSET/URNAL FLUSH VALVE WITH NEW INCLUDING NEW TOUCHLESS FLUSH VALVE.
P14	REPLACE EXISTING LAVATORY/SINK FAUCET WITH NEW INCLUDING NEW TOUCHLESS FAUCET, SUPPLIES, STOPS, TRAPS AND TAILPIECES.



Ruleville Middle - Partial Plumbing Plan (3)
2
M-202g
1/8" = 1'-0"



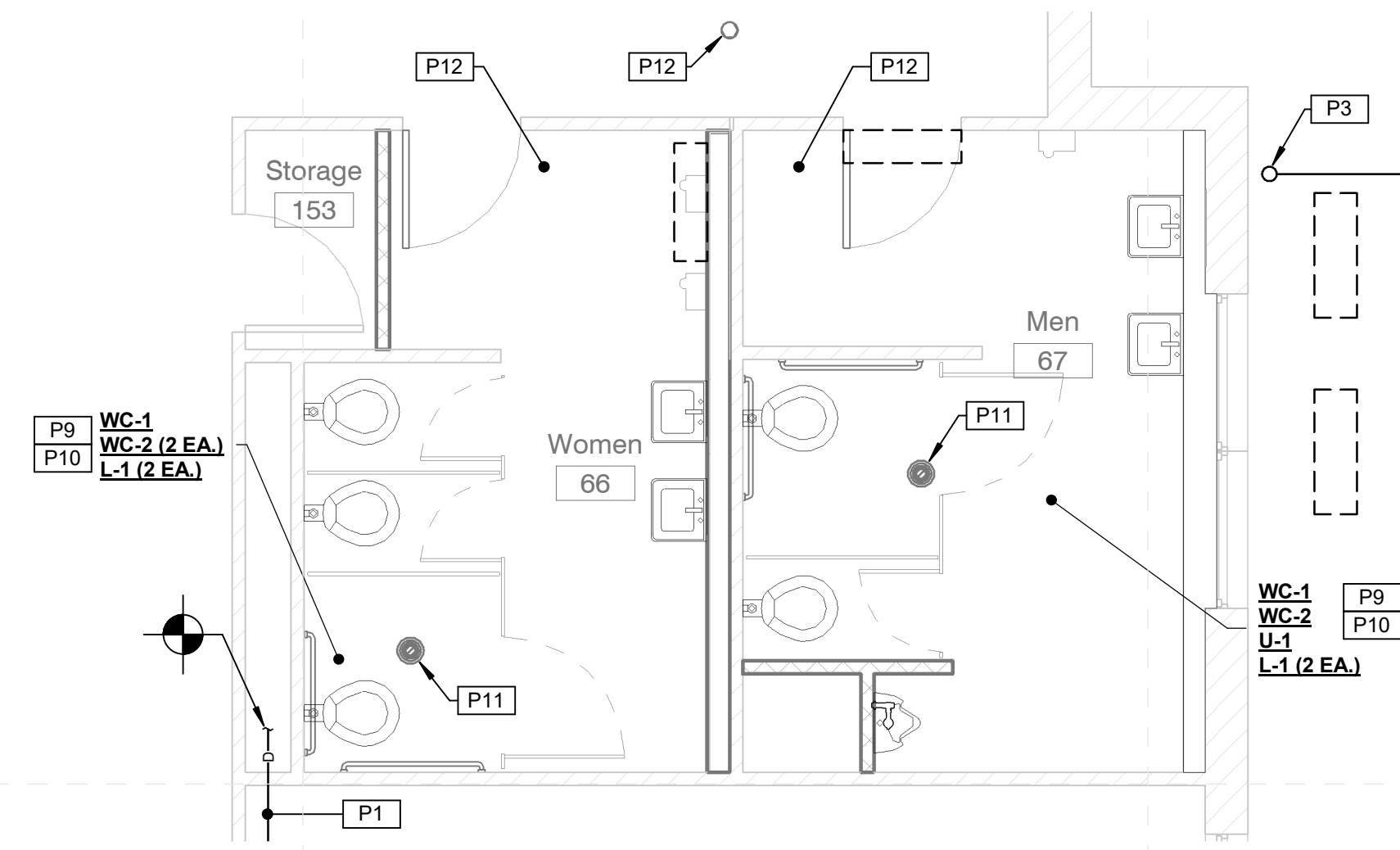
Ruleville Middle - Partial Plumbing Plan (2)
1
M-202g
1/8" = 1'-0"



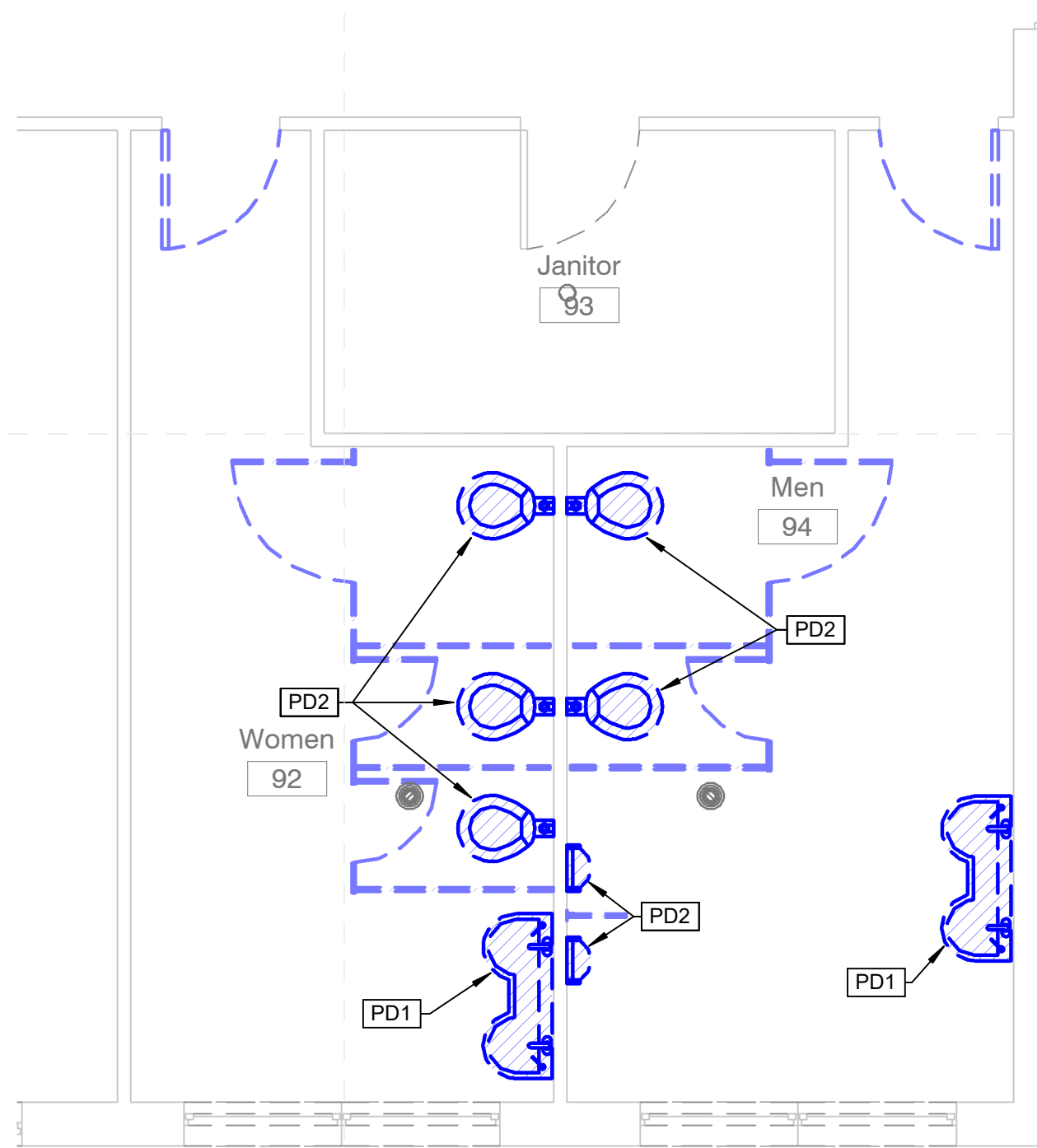
SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	DEMOLISH EXISTING PLUMBING FIXTURE AS INDICATED AND CAP SERVICES.
PD2	REPLACE EXISTING PLUMBING FIXTURE WITH NEW IN SAME LOCATION. REUSE EXISTING SERVICES.

SPECIFIC PLUMBING NOTES	
P1	TYPICAL GRAVITY CONDENSATE DRAIN PIPING ROUTED HIGH AS FEASIBLE. EXTEND TO NEARBY VENT STACK OR FLOOR DRAIN AS INDICATED. PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50'-0" OF STRAIGHT RUN OF PIPE. COMBINED DRAINS FROM TWO OR MORE UNITS SHALL BE 1-1/4" SIZE UNLESS OTHERWISE NOTED. COMPREHENSIVELY INSULATE ALL NEW CONDENSATE DRAIN PIPING.
P3	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME/PAINT EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.
P9	PROVIDE NEW PLUMBING FIXTURE AS INDICATED.
P10	PROVIDE ALL NEW WALL MOUNTED FIXTURES (LAVATORIES, URINALS ETC.) WITH NEW FLOOR MOUNTED WALL CARRIERS. OPEN WALLS AS REQUIRED TO INSTALL SAME AND PATCH/REPAIR AS DIRECTED/APPROVED BY ARCHITECT.
P11	REPLACE EXISTING FLOOR DRAIN STRAINER WITH NEW INCLUDING NEW TRAP GUARD (IF FUNCTIONAL TRAP PRIMER IS NOT PRESENT). ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.
P12	REPLACE EXISTING CLEANOUT TOP WITH NEW. ADJUST AS NEEDED TO INSTALL FLUSH WITH NEW FINISHED FLOOR.

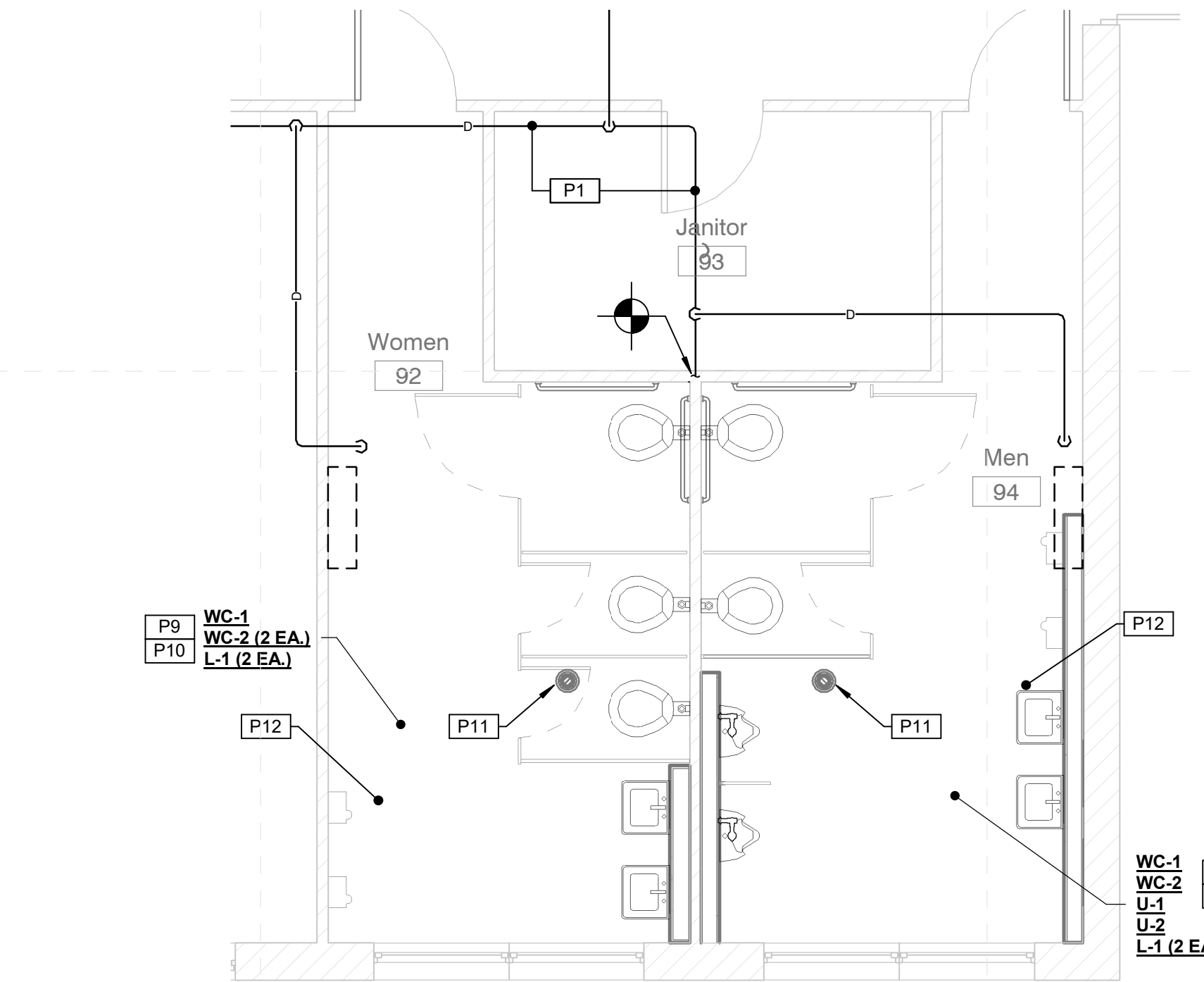
1 Ruleville Middle - Enlarged Plumbing Demo Plan (1)
M-301g 1/4" = 1'-0"



2 Ruleville Middle - Enlarged Plumbing New Work Plan (1)
M-301g 1/4" = 1'-0"

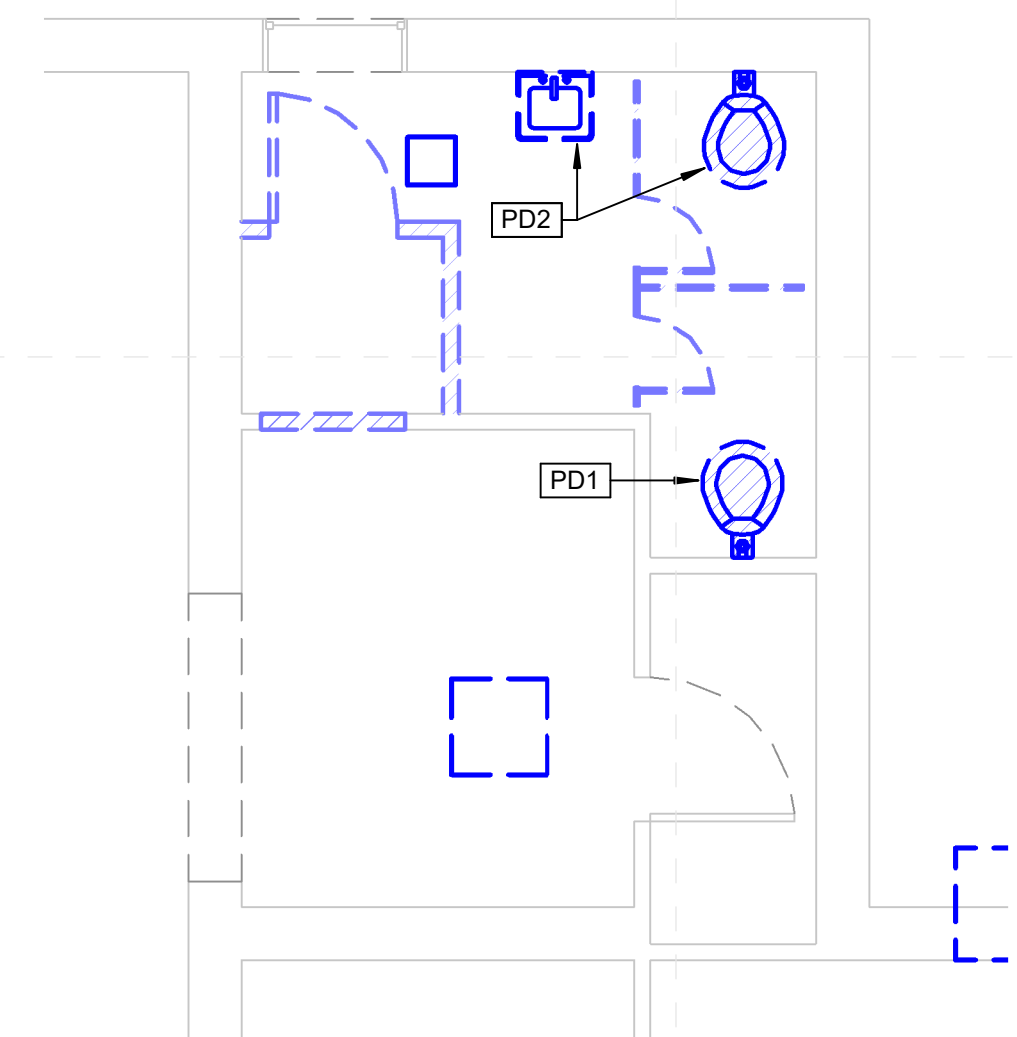


3 Ruleville Middle - Enlarged Plumbing Demo Plan (2)
M-301g 1/4" = 1'-0"

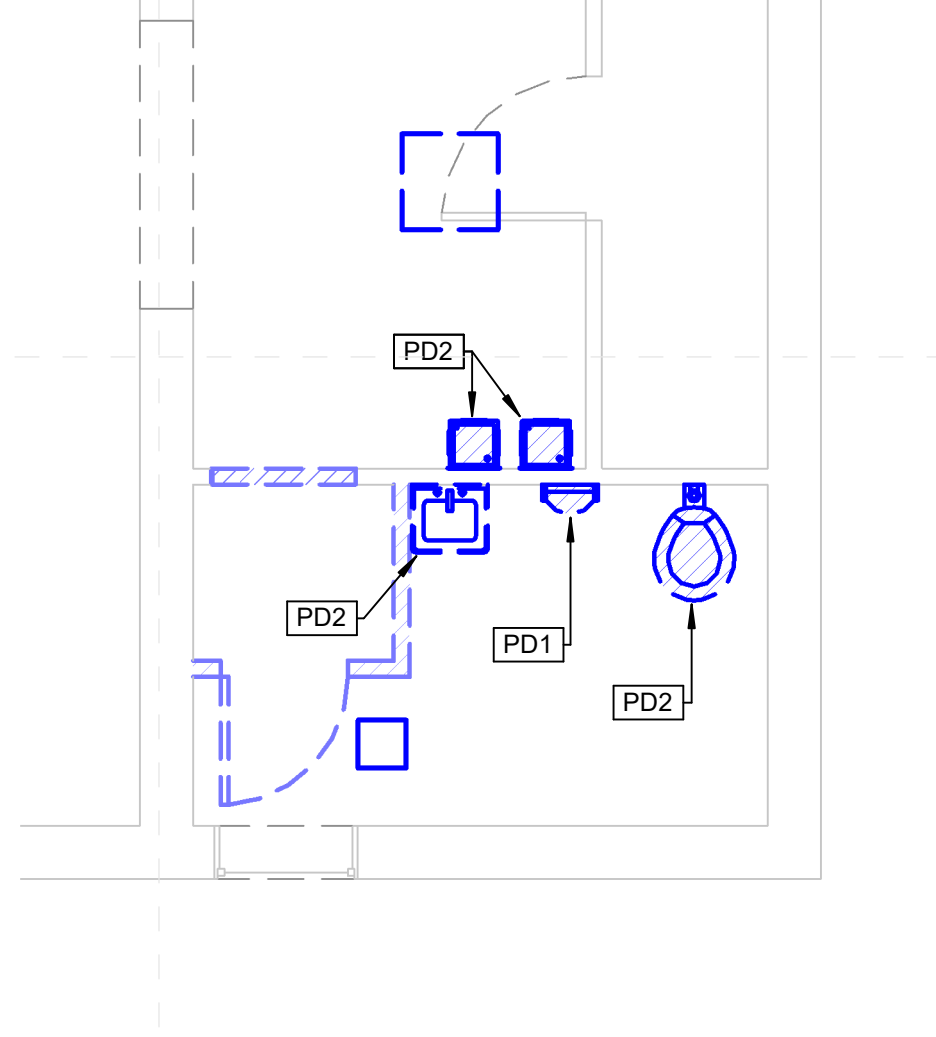


4 Ruleville Middle - Enlarged Plumbing New Work Plan (2)
M-301g 1/4" = 1'-0"

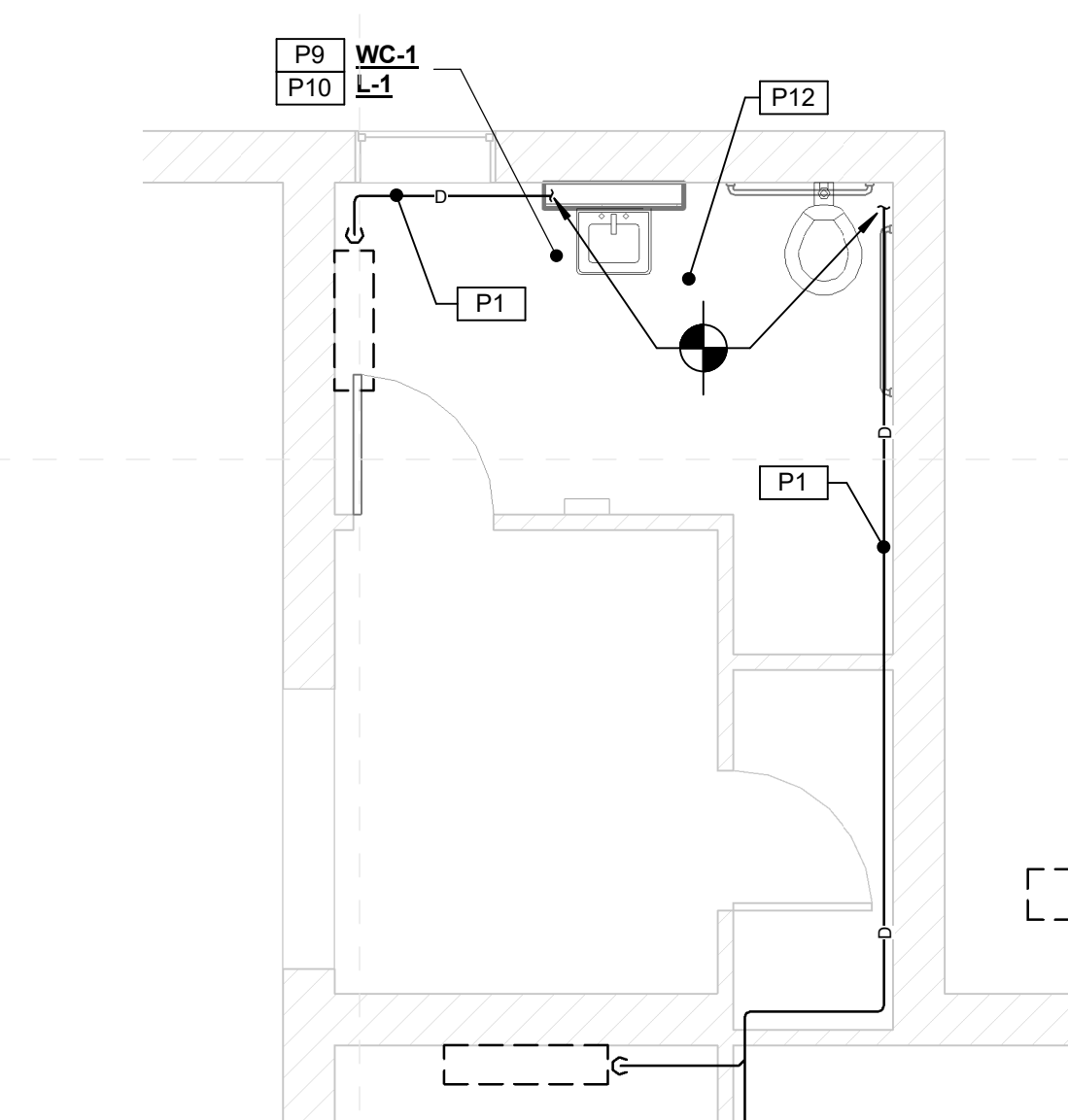
GENERAL PLUMBING NOTE:
SEE SHEET M-300 FOR GENERAL PLUMBING DEMOLITION AND PLUMBING RENOVATION NOTES.



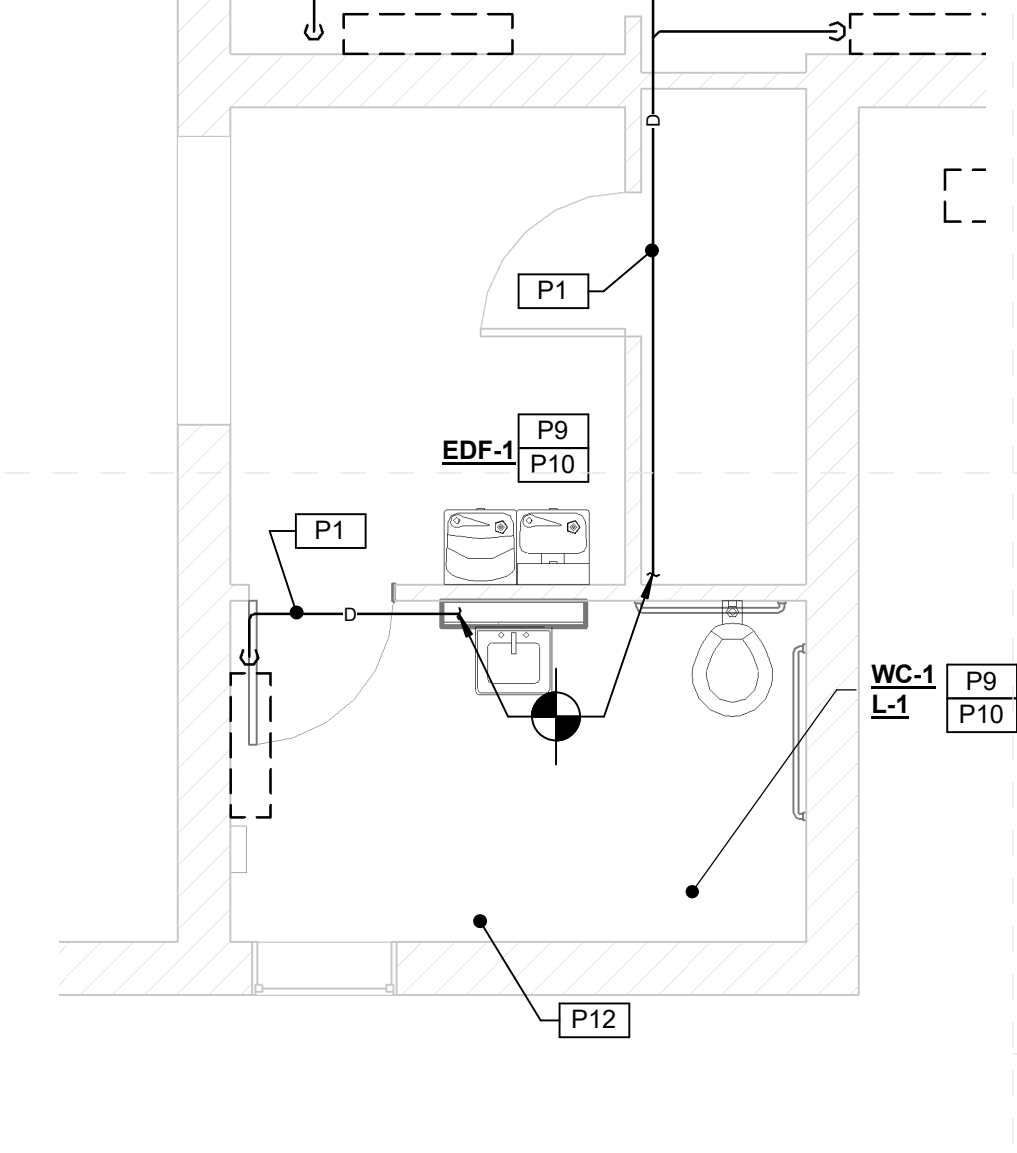
5 Ruleville Middle - Enlarged Plumbing Demo Plan (3)
M-301g 1/4" = 1'-0"



7 Ruleville Middle - Enlarged Plumbing Demo Plan (4)
M-301g 1/4" = 1'-0"



6 Ruleville Middle - Enlarged Plumbing New Work Plan (3)
M-301g 1/4" = 1'-0"



8 Ruleville Middle - Enlarged Plumbing New Work Plan (4)
M-301g 1/4" = 1'-0"



SPECIFIC HVAC DEMOLITION NOTES

MD1	DEMOLISH EXISTING WINDOW UNIT. REFER TO ARCHITECTURAL DRAWINGS FOR WINDOW/WALL INFILL.
MD2	DEMOLISH EXISTING HEATER AS INDICATED. EXISTING FLUE THROUGH ROOF TO BE CAPPED PER DETAIL WHERE APPLICABLE.
MD3	REPLACE EXISTING AIR CONDITIONING EQUIPMENT WITH NEW IN SAME LOCATION.
MD4	DEMOLISH EXISTING EXHAUST FAN AS INDICATED.
MD5	DEMOLISH EXISTING BOILER, PUMPS AND HEATING WATER PIPING AFTER NEW SYSTEMS ARE INSTALLED AND OPERATIONAL.
MD7	DEMOLISH EXISTING AIR CONDITIONING EQUIPMENT AS INDICATED.

HEATING WATER SYSTEM DEMOLITION NOTES:

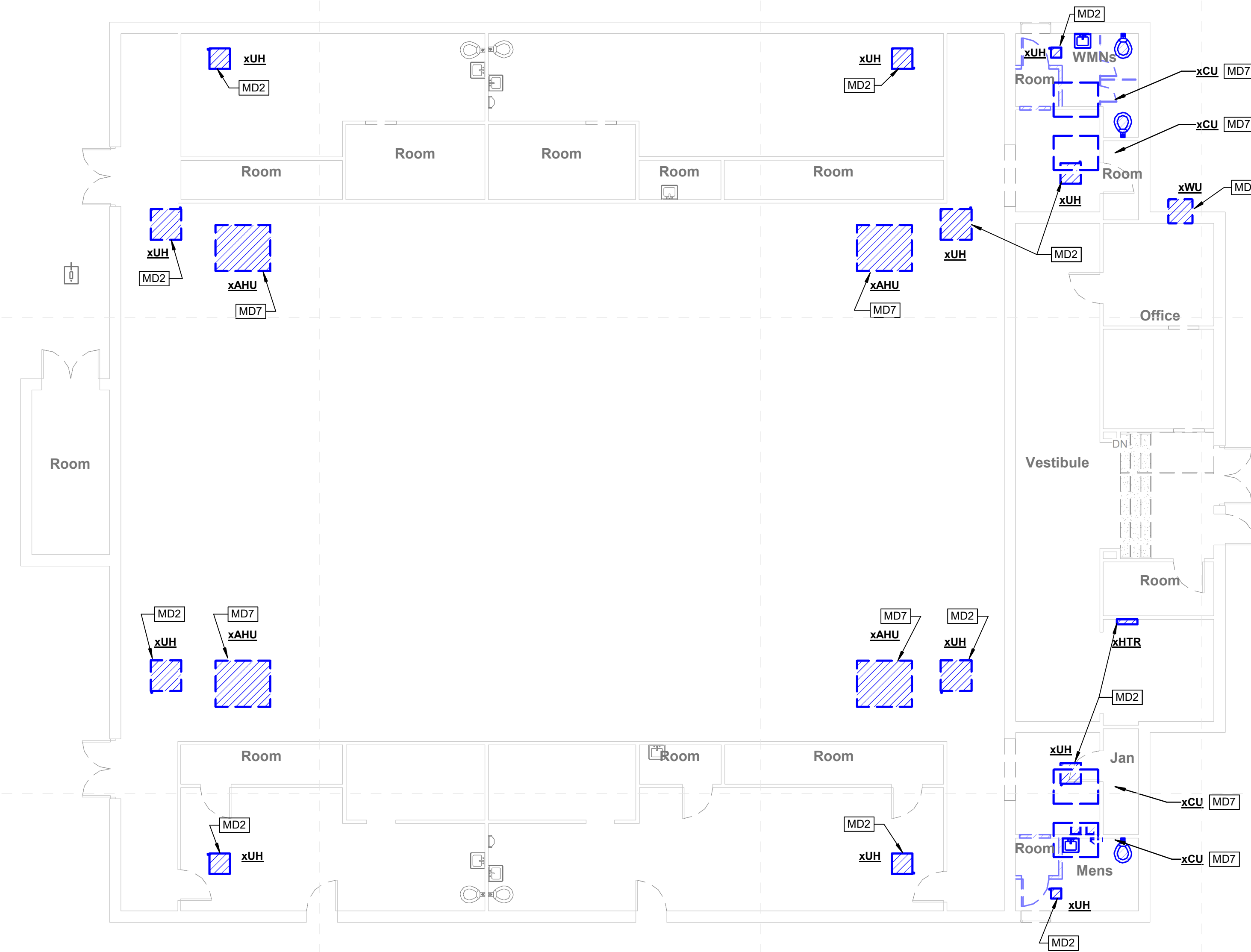
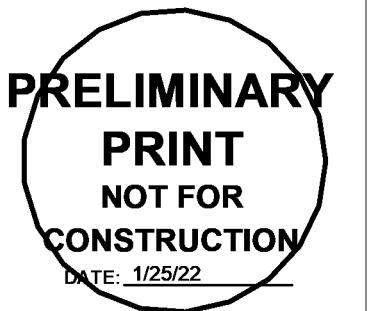
BASE BID:
UNDER BASE BID, CONTRACTOR SHALL DEMOLISH ALL EXPOSED PIPING ASSOCIATED WITH HEATING SYSTEM, INCLUDING VALVES, FITTINGS, HANGERS AND ACCESSORIES.

ALTERNATE BID(S):
UNDER ALTERNATE BID(S), CONTRACTOR SHALL:
1. DEMOLISH ALL RADIANT HEATERS THROUGHOUT BUILDING.
2. DEMOLISH ALL REMAINING PIPING ASSOCIATED WITH HEATING SYSTEM INCLUDING VALVES, FITTINGS, HANGERS AND ACCESSORIES.

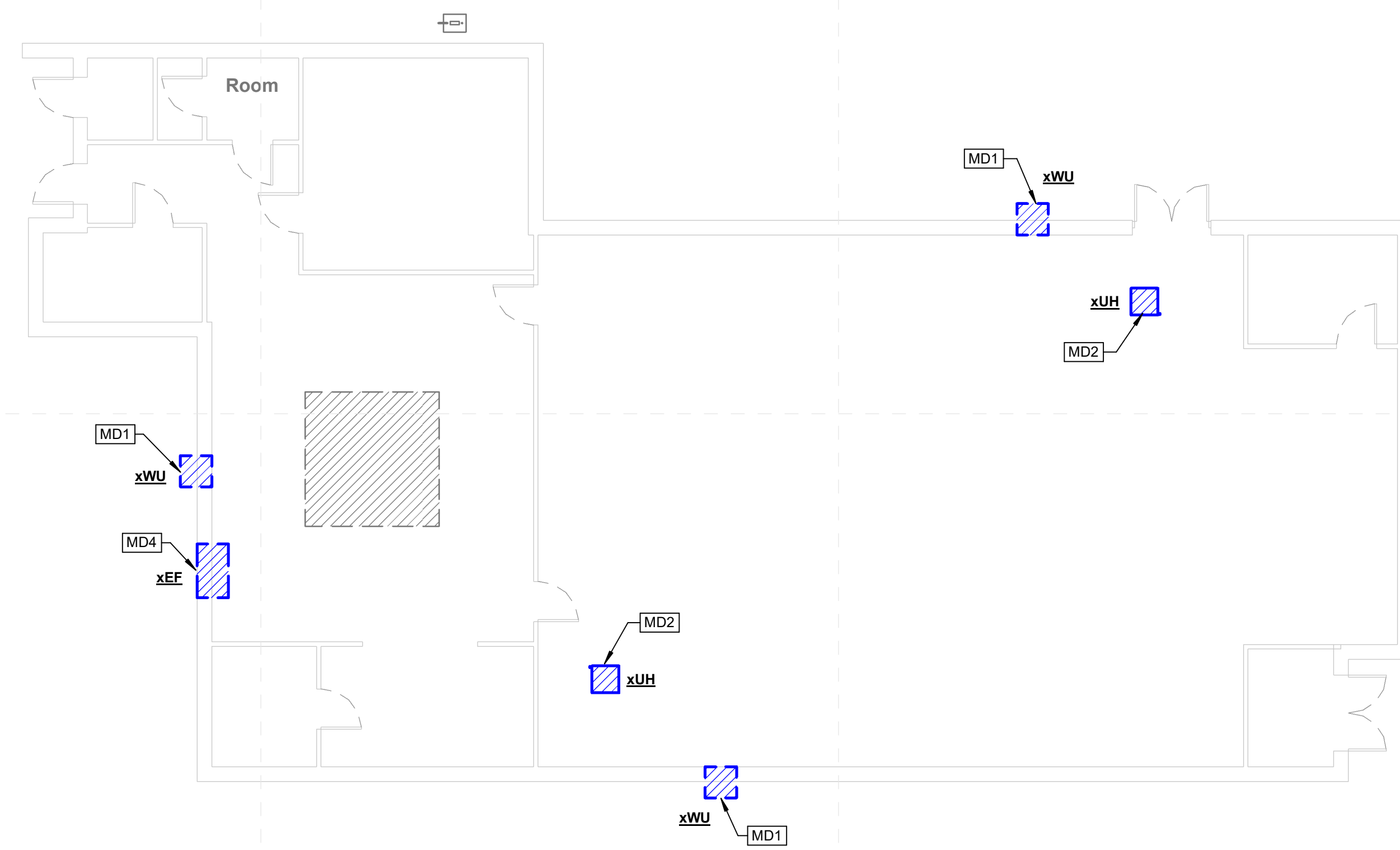
REFER TO ARCHITECTURAL DRAWINGS FOR ALTERNATE NUMBERS AND ASSOCIATED PATCHING AND REPAIRING NOTES.

1 Ruleville Middle - Overall Mechanical Demolition - Main Bldg
MD001g 1/8" = 1'-0"

SPECIFIC HVAC DEMOLITION NOTES	
MD1	DEMOLISH EXISTING WINDOW UNIT. REFER TO ARCHITECTURAL DRAWINGS FOR WINDOW/WALL INFILL.
MD2	DEMOLISH EXISTING HEATER AS INDICATED. EXISTING FLUE THROUGH ROOF TO BE CAPPED PER DETAIL WHERE APPLICABLE.
MD4	DEMOLISH EXISTING EXHAUST FAN AS INDICATED.
MD7	DEMOLISH EXISTING AIR CONDITIONING EQUIPMENT AS INDICATED.



2 Ruleville Middle - Mechanical Demolition Plan - Gym
MD002g 1/8" = 1'-0"



1 Ruleville Middle - Partial Mechanical Demolition - Cafeteria Bldg
MD002g 1/8" = 1'-0"

Sunflower Consolidated School District ESSER 2&3 Phase I

100% Construction Documents

Project No	21027
Date	2 February 2022
Revisions	Rev Date

DUCTLESS SPLIT SYSTEM (INDOOR SECTION) SCHEDULE

Table with columns: MARK, TYPE, TOTAL CFM, HEATING CAPACITY (INDOOR D.B., F, OUTDOOR D.B., F, TOT. REV. CYCLE MBH), COOLING CAPACITY (EAT (°F) TOTAL MBH), ELECTRICAL SERVICE, BASIS OF DESIGN, FEATURES/ACCESSORIES, MATCHED TO. Rows include AW JAMES ELEMENTARY (DSS-AW-01 to DSS-AW-33) and CARVER ELEMENTARY (DSS-CE-01 to DSS-CE-22).

Table with columns: MARK, TYPE, TOTAL CFM, HEATING CAPACITY (INDOOR D.B., F, OUTDOOR D.B., F, TOT. REV. CYCLE MBH), COOLING CAPACITY (EAT (°F) TOTAL MBH), ELECTRICAL SERVICE, BASIS OF DESIGN, FEATURES/ACCESSORIES, MATCHED TO. Rows include DREW HUNTER MIDDLE SCHOOL (DSS-DH-01 to DSS-DH-40).

Table with columns: MARK, TYPE, TOTAL CFM, HEATING CAPACITY (INDOOR D.B., F, OUTDOOR D.B., F, TOT. REV. CYCLE MBH), COOLING CAPACITY (EAT (°F) TOTAL MBH), ELECTRICAL SERVICE, BASIS OF DESIGN, FEATURES/ACCESSORIES, MATCHED TO. Rows include DREW HUNTER MIDDLE SCHOOL (DSS-DH-01 to DSS-DH-40).

DUCTLESS SPLIT SYSTEM (OUTDOOR SECTION) SCHEDULE

Table with columns: MARK, COOLING CAPACITY (OUTDOOR D.B., F, TOTAL MBH, MIN. S.E.E.R.), HEATING CAPACITY (TOTAL REVERSE CYCLE MBH, HSPF), MAXIMUM REFRIGERANT PIPE LENGTH (FT.), ELECTRICAL SERVICE, BASIS OF DESIGN, MATCHED TO. Rows include AW JAMES ELEMENTARY (DCU-AW-01 to DCU-AW-33).

Table with columns: MARK, COOLING CAPACITY (OUTDOOR D.B., F, TOTAL MBH, MIN. S.E.E.R.), HEATING CAPACITY (TOTAL REVERSE CYCLE MBH, HSPF), MAXIMUM REFRIGERANT PIPE LENGTH (FT.), ELECTRICAL SERVICE, BASIS OF DESIGN, MATCHED TO. Rows include CARVER ELEMENTARY (DCU-CE-01 to DCU-CE-22).

Table with columns: MARK, COOLING CAPACITY (OUTDOOR D.B., F, TOTAL MBH, MIN. S.E.E.R.), HEATING CAPACITY (TOTAL REVERSE CYCLE MBH, HSPF), MAXIMUM REFRIGERANT PIPE LENGTH (FT.), ELECTRICAL SERVICE, BASIS OF DESIGN, MATCHED TO. Rows include DREW HUNTER MIDDLE SCHOOL (DCU-DH-01 to DCU-DH-40).

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PRELIMINARY PRINT NOT FOR CONSTRUCTION DATE: 1/25/22

Sunflower Consolidated School District ESSER 2&3 Phase I

100% Construction Documents Project No 21027 Date 2 February 2022 Revisions Rev Date

GSK MECHANICAL Consulting Engineering 201 Park Court Suite B Ridgeland, MS 39157 P: 601.605.0000 F: 601.605.3111 www.gskmech.com GSK#: 110-077

M-401 Mechanical Schedules

AIR TERMINALS SCHEDULE										
MARK	TYPE	CFM RANGE	NECK SIZE	FACE SIZE	DEFLECTION	V.D.**	FACTORY INSULATION**	BASIS OF DESIGN	FEATURES/ACCESSORIES	
1a	DUCT MOUNTED LOUVER FACE S/A DIFFUSER	25-50	8"x4"	AS REQ'D	45°	YES	NO	PRICE MODEL 520-D		
2a	DUCT MOUNTED LOUVER FACE S/A DIFFUSER	150-225	20"x4"	AS REQ'D	45°	YES	NO	PRICE MODEL 520-D		
3a	DUCT MOUNTED LOUVER FACE S/A DIFFUSER	225-300	22"x6"	AS REQ'D	45°	YES	NO	PRICE MODEL 520-D		
4a	L.A.T. CEILING MOUNTED SQUARE PLAQUE S/A DIFFUSER	25-100	6"Ø	20"x20"	AS INDIC.	NO	YES	PRICE MODEL SPD		
5a	L.A.T. CEILING MOUNTED SQUARE PLAQUE S/A DIFFUSER	75-225	8"Ø	24"x24"	AS INDIC.	NO	YES	PRICE MODEL SPD		
6a	L.A.T. CEILING MOUNTED SQUARE PLAQUE S/A DIFFUSER	200-375	10"Ø	24"x24"	AS INDIC.	NO	YES	PRICE MODEL SPD		
7a	L.A.T. CEILING MOUNTED SQUARE PLAQUE S/A DIFFUSER	350-550	12"Ø	24"x24"	AS INDIC.	NO	YES	PRICE MODEL SPD		
8a	L.A.T. CEILING MOUNTED PERFORATED FACE S/A DIFFUSER	525-550	12"Ø	24"x24"	AS INDIC.	NO	YES	PRICE MODEL PDC		
9a	L.A.T. CEILING MOUNTED SQUARE PLAQUE S/A DIFFUSER	500-725	14"Ø	24"x24"	AS INDIC.	NO	YES	PRICE MODEL SPD		
10a	SIDEWALL MOUNTED LOUVER FACE S/A DIFFUSER	600-750	32"x10"	AS REQ'D	45°	YES	NO	PRICE MODEL 520-D		
11a	DUCT MOUNTED ROUND CONE DIFFUSER	1125	20"Ø	AS REQ'D	360°	YES	NO	PRICE MODEL RCD		
12a	L.A.T. CEILING MOUNTED SQUARE PLAQUE S/A DIFFUSER	25-100	6"Ø	12"x12"	AS INDIC.	NO	YES	PRICE MODEL SPD		
13a	L.A.T. CEILING MOUNTED LINEAR SLOT S/A DIFFUSER	425	12"Ø	2) 2.5" SLOTS x 48" LONG	ADJUSTABLE	YES	YES	PRICE MODEL AST-		
1r	L.A.T. CEILING MOUNTED CUBE CORE R/A GRILLE	0-450	12"x12"	24"x24"	0°	NO	NO	PRICE MODEL 80	1	
2r	L.A.T. CEILING MOUNTED CUBE CORE R/A GRILLE	700-1600	22"x22"	24"x24"	0°	NO	NO	PRICE MODEL 80	1	
3r	L.A.T. CEILING MOUNTED CUBE CORE R/A GRILLE	0-600	22"x10"	24"x12"	0°	NO	NO	PRICE MODEL 80	1	
4r	SIDEWALL MOUNTED LOUVER FACE R/A GRILLE	225	22"x6"	AS REQ'D	45°	NO	NO	PRICE MODEL 530		
5r	DUCT MOUNTED LOUVER FACE R/A GRILLE	1800	48"x14"	AS REQ'D	45°	NO	NO	PRICE MODEL 530		
6r	SIDEWALL MOUNTED LOUVER FACE R/A GRILLE	3600	24"x48"	AS REQ'D	45°	NO	NO	PRICE MODEL 530		
7r	HEAVY DUTY SIDEWALL GYM GRILLE	3625	24"x60"	AS REQ'D	45°	NO	NO	PRICE MODEL 93		
8r	HEAVY DUTY SIDEWALL GYM GRILLE	7000	48"x60"	AS REQ'D	45°	NO	NO	PRICE MODEL 96		
9r	DUCT MOUNTED CUBE CORE R/A GRILLE	700-1600	22"x22"	AS REQ'D	0°	NO	NO	PRICE MODEL 80-D	1	
* V.D. - VOLUME DAMPER (FACTORY ACCESSORY)								COMPARABLE PRODUCTS:		
** AIR DISTRIBUTION DEVICES WHERE NOTED TO INCLUDE FACTORY INSULATION ON REAR OF DEVICE								PRICE, TITUS, METALAIR		
FEATURES/ACCESSORIES:										
1. PROVIDE WITH SQUARE TO ROUND ADAPTER. SEE PLANS FOR ROUND DUCT SIZE.										

NEEDLEPOINT BI-POLAR IONIZATION DEVICES SCHEDULE			
EQUIPMENT SERVED	DEVICE MOUNTING LOCATION	BASIS OF DESIGN	FEATURES/ACCESSORIES
PACKAGED UNITS (ROOFTOP, GROUND MOUNTED, ETC.)	IN UNIT DOWNSTREAM OF FILTERS	GLOBAL PLASMA MODEL GPS-FC-3-BAS	1, 2, 3, 4, 5
DUCTLESS INDOOR HEAT PUMP UNITS	IN UNIT DOWNSTREAM OF FILTERS	GLOBAL PLASMA MODEL IRIB	1, 2, 3, 5
DUCTED INDOOR HEAT PUMP UNITS, FAN COIL UNITS, HEAT PUMP BLOWER COIL UNITS, ETC.	IN UNIT DOWNSTREAM OF FILTERS	GLOBAL PLASMA MODEL GPS-FC-3-BAS	1, 2, 3, 4, 5
FEATURES/ACCESSORIES:		COMPARABLE PRODUCTS:	
1. UL 2998 AND UL 867 COMPLIANT		PLASMA AIR, BIOCLIMATIC	
2. 24 VAC POWER SUPPLY VOLTAGE			
3. CONNECT TO UNIT CONTROL POWER AS REQUIRED.			
4. MULTIPLE UNITS MAY BE REQUIRED BASED UPON AIRFLOW OF EQUIPMENT BEING SERVED. COORDINATE WITH INDIVIDUAL UNIT AIRFLOW.			
5. PROVIDE HANDHELD ELECTRICAL TESTING DEVICE WITH BOTH VISIBLE AND AUDIBLE INDICATION (ONE PER PROJECT TO BE TURNED OVER TO OWNER).			

LOUVER SCHEDULE									
MARK	FUNCTION	WIDTH (INCHES)	HEIGHT (INCHES)	DEPTH (INCHES)	AIRFLOW (CFM)	S.P. (in W.G.)	MOTORIZED DAMPER	BASIS OF DESIGN	FEATURES/ACCESSORIES [1]
LVR-101	INTAKE	30	24	4	1,000	0.08	YES OR NO	GREENHECK MODEL EHH-401	1, 2, 3, 4, 5, 6, 7
[1] FEATURES/ACCESSORIES:								COMPARABLE PRODUCTS:	
1. MIN. 18 GA. GALVANIZED WALL SLEEVE SLOPED TOWARD OUTSIDE TO DRAIN								GREENHECK, RUSKIN	
2. FLAT EXPANDED ALUMINUM BIRD SCREEN									
3. KYNAR 500 FINISH ON LOUVER AND ALL LOUVER ACCESSORIES - CUSTOM COLOR SELECTION BY ARCHITECT									
4. FLANGED FRAME									
5. AMCA 550 (HIGH VELOCITY WIND DRIVEN RAIN)									
6. EXTENDED SILL WITH END DAMS									
7. WELDED CONSTRUCTION									

FABRIC DUCT/DIFFUSER SCHEDULE											
SYSTEM	DIFFUSER/PERFORATION SIZE AND LOCATION				AIRFLOW (CFM)	FABRIC DUCT SIZE	FABRIC DUCT LENGTH	INLET SP (INCHES WATER)	INSTALLATION TYPE	BASIS OF DESIGN	FEATURES/ACCESSORIES
AC-RM-07	1.0" PERFORATIONS, 3.5" PERFORATION SPACING, 2 ROWS WITH 12" ROW SPACING, CENTER ROW AT 215"				5,000	SEE PLANS	SEE PLANS	0.50	DOUBLE ROW CABLE WITH INTERNAL RINGS	PRIHODA	1, 2, 3, 4, 5
	1.0" PERFORATIONS, 3.5" PERFORATION SPACING, 1 ROW WITH 12" ROW SPACING, CENTER ROW AT 240"										
	1.0" PERFORATIONS, 3.5" PERFORATION SPACING, 1 ROW, CENTER ROW AT 135"				2,000	SEE PLANS	SEE PLANS	0.50	DOUBLE ROW CABLE WITH INTERNAL RINGS	PRIHODA	1, 2, 3, 4, 5
AC-RM-08	1.0" PERFORATIONS, 3.5" PERFORATION SPACING, 2 ROWS WITH 12" ROW SPACING, CENTER ROW AT 145"				5,000	SEE PLANS	SEE PLANS	0.50	DOUBLE ROW CABLE WITH INTERNAL RINGS	PRIHODA	1, 2, 3, 4, 5
	1.0" PERFORATIONS, 3.5" PERFORATION SPACING, 1 ROWS WITH 12" ROW SPACING, CENTER ROW AT 120"										
	1.0" PERFORATIONS, 3.5" PERFORATION SPACING, 1 ROW, CENTER ROW AT 225"				2,000	SEE PLANS	SEE PLANS	0.50	DOUBLE ROW CABLE WITH INTERNAL RINGS	PRIHODA	1, 2, 3, 4, 5
FEATURES/ACCESSORIES:										COMPARABLE PRODUCTS:	
1. ULC CLASSIFIED (723/UL2518) WITH ANTI-MICROBIAL TREATMENT.										PRIHODA, DUCTSOX	
2. TEN (10) YEAR NON-PRORATED WARRANTY.											
3. VERIFY ALL LENGTHS WITH FIELD CONDITIONS.											
4. CUSTOM COLOR AS SELECTED BY ARCHITECT.											
5. AIR STRAIGHTENING CONES/BALANCING NOZZLE AS SHOWN ON DRAWINGS AND AS RECOMMENDED BY FABRIC DUCT MANUFACTURER.											

PLUMBING FIXTURE SCHEDULE										
MARK	ADA REQ'D	DESCRIPTION	ROUGH-IN REQUIREMENTS				FLOOR MTND. CARRIER REQ'D			
			WASTE	VENT	120 °F HW	CW		TEMPERED		
WC-1	YES	WATER CLOSET - FLOOR MOUNTED FLUSH VALVE (BATTERY OPERATED SENSOR)	4"	2"-4"	-	1"	-	NO		
WC-2	NO	WATER CLOSET - FLOOR MOUNTED FLUSH VALVE (BATTERY OPERATED SENSOR)	4"	2"-4"	-	1"	-	NO		
WCV-1	YES	WATER CLOSET FLUSH VALVE (BATTERY OPERATED SENSOR)	4"	2"-4"	-	1/2"	-	NO		
U-1	YES	URINAL - WALL MOUNTED WASHOUT TYPE (BATTERY OPERATED SENSOR)	2"	2"	-	3/4"	-	YES		
U-2	NO	URINAL - WALL MOUNTED WASHOUT TYPE (BATTERY OPERATED SENSOR)	2"	2"	-	3/4"	-	YES		
L-1	YES	LAVATORY - WALL MOUNTED TYPE (BATTERY OPERATED SENSOR)	2"	2"	1/2"	1/2"	1/2"	YES		
LF-1	YES	LAVATORY FAUCET (BATTERY OPERATED SENSOR)	2"	2"	1/2"	1/2"	1/2"	YES		
SS-1	NO	SERVICE SINK - FLOOR MOUNTED TERRAZZO CORNER TYPE, 24"	3"	2"	1/2"	1/2"	-	NO		
EDF-1	YES	ELECTRIC DRINKING FOUNTAIN - WALL MOUNTED TYPE (DUAL HEIGHT) w/BOTTLE FILLER	2"	2"	-	1/2"	-	YES		
EDF-2	YES	ELECTRIC DRINKING FOUNTAIN - WALL MOUNTED TYPE w/BOTTLE FILLER	2"	2"	-	1/2"	-	YES		
EDF-3	NO	ELECTRIC DRINKING FOUNTAIN - WALL MOUNTED TYPE	2"	2"	-	1/2"	-	YES		
HB-1	NO	HOSE BIBB - NON-FREEZE TYPE IN LOCKING BOX	-	-	-	3/4"	-	NO		
TP-1	NO	TRAP PRIMER - CONNECT TO FLUSH VALVE ASSEMBLY	-	-	-	1/2"	-	NO		
FD-1	NO	FLOOR DRAIN - GENERAL DRAINAGE IN TOILET AREAS	3"	2"	-	-	-	NO		

DOMESTIC WATER HEATER SCHEDULE										
MARK	FUEL	STORAGE CAP., GAL.	RECOVERY G.P.H. AT 100 °F RISE	MAX. GPM	INPUT KW	INPUT MBH	ELECTRICAL SERVICE	BASIS OF DESIGN	FEATURES/ACCESSORIES	
RULEVILLE ELEMENTARY										
WH-RE-01	ELEC.	30	24	-	6.0	-	208V, 1ph	A.O. SMITH MODEL DEL-30	1, 2	
FEATURES/ACCESSORIES:										
1. PROVIDE PIPING, VALVES AND ACCESSORIES PER DETAILS.										
2. PROVIDE HEAVY DUTY WALL MOUNTING KIT WITH TOP MOUNTED AT ± 2" BELOW CEILING.										

DALE BAILEY
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188 East Capitol Street
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DATE: 1/25/22

Sunflower Consolidated School District ESSER 2&3 Phase I

100% Construction Documents

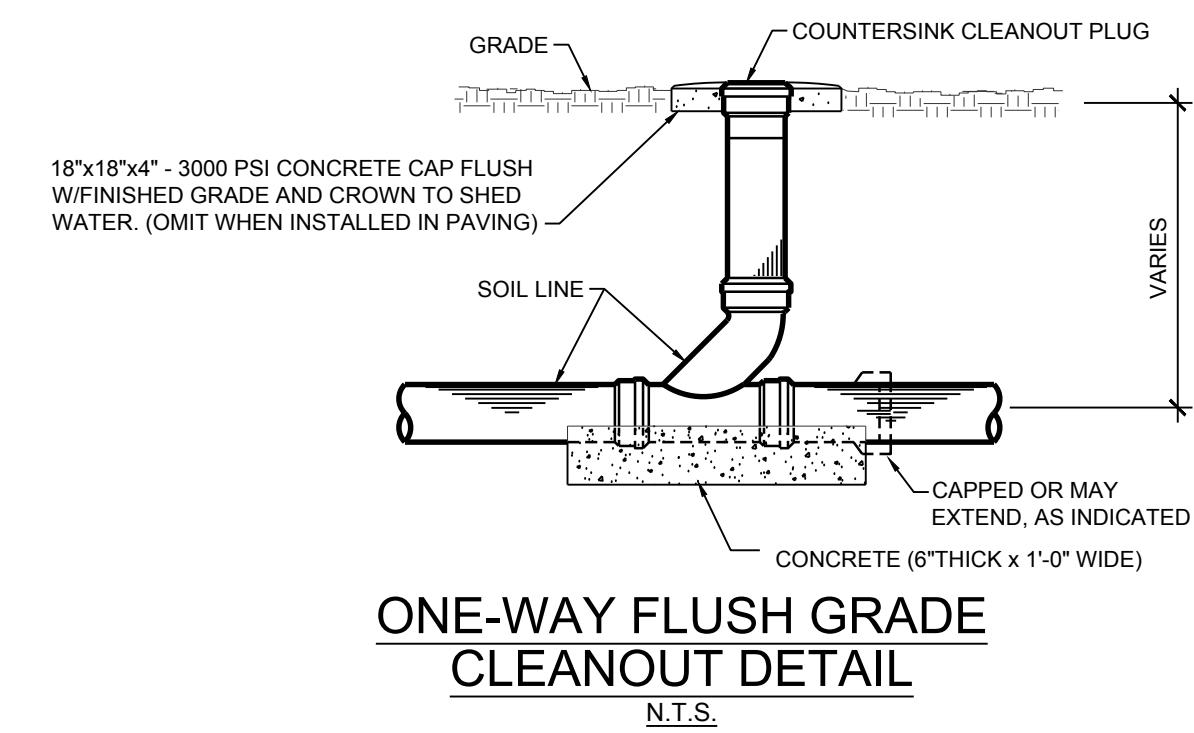
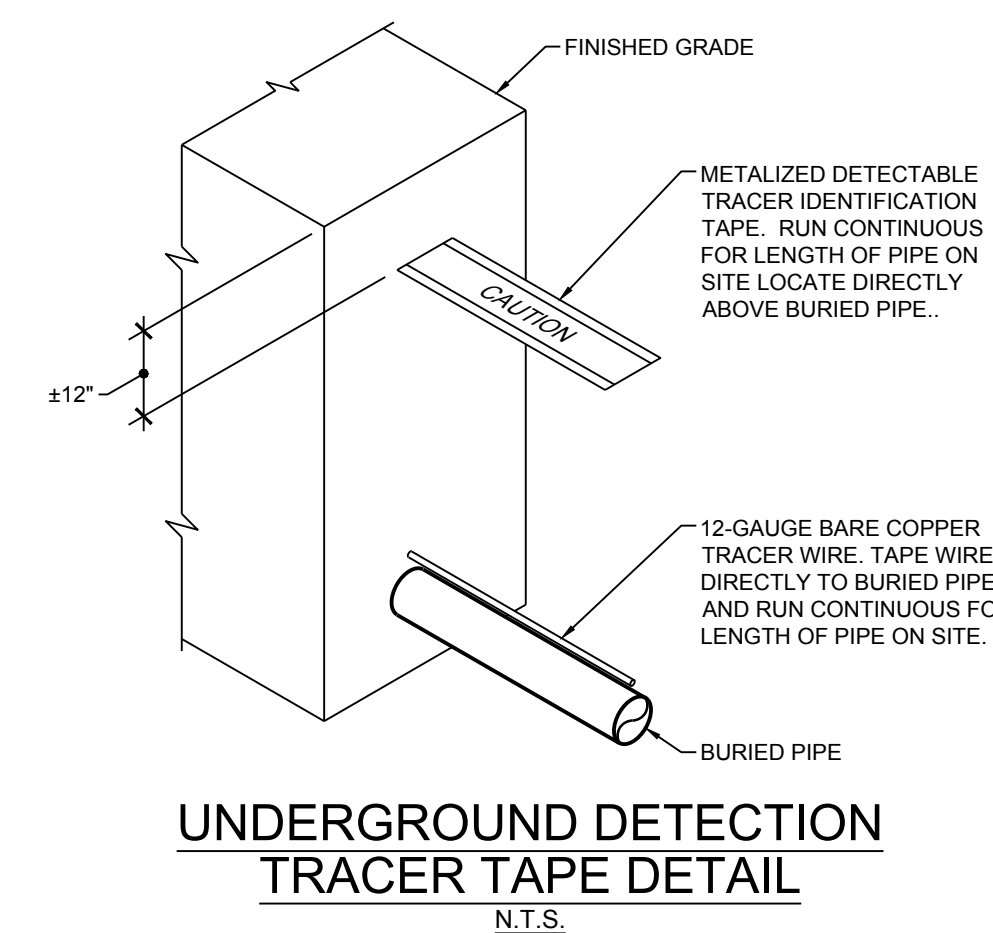
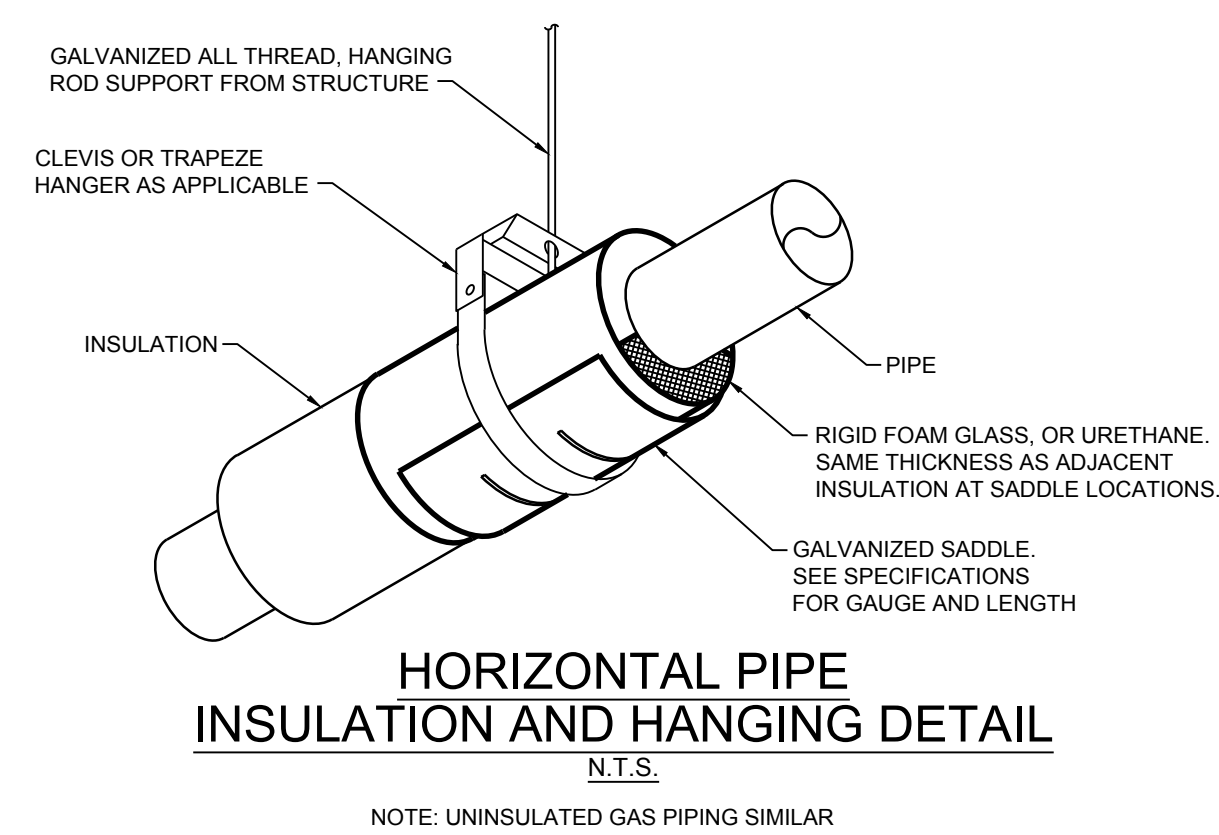
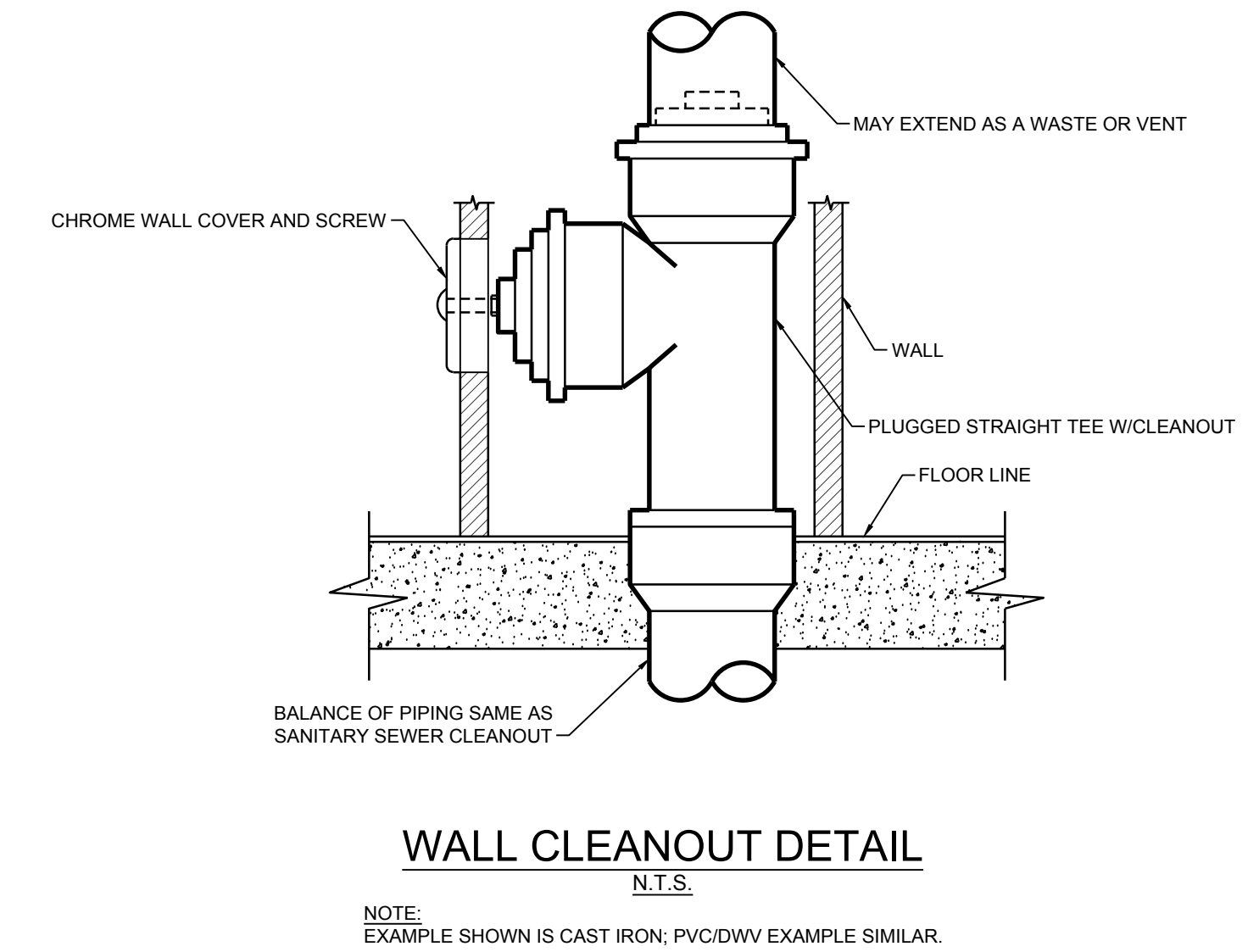
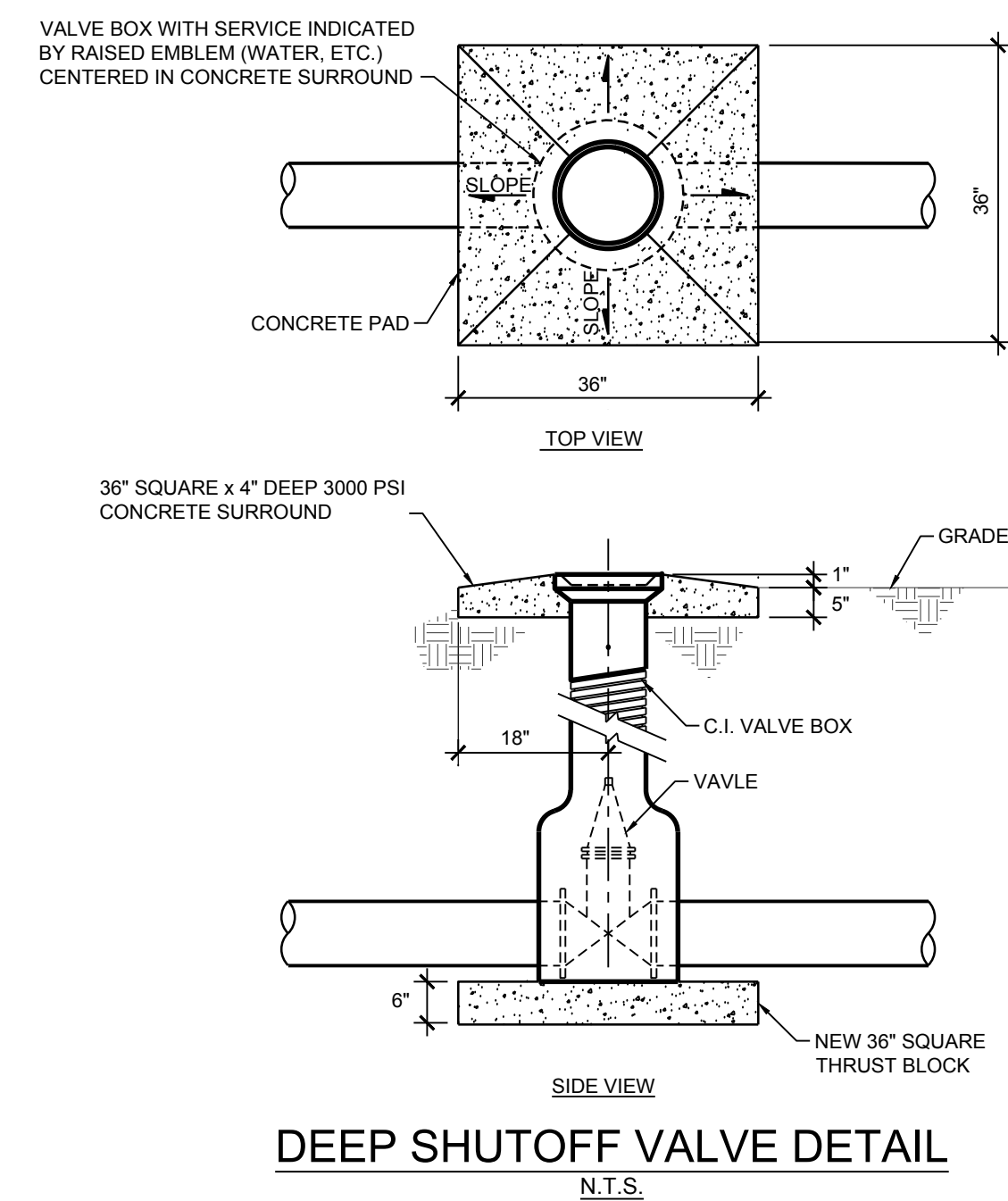
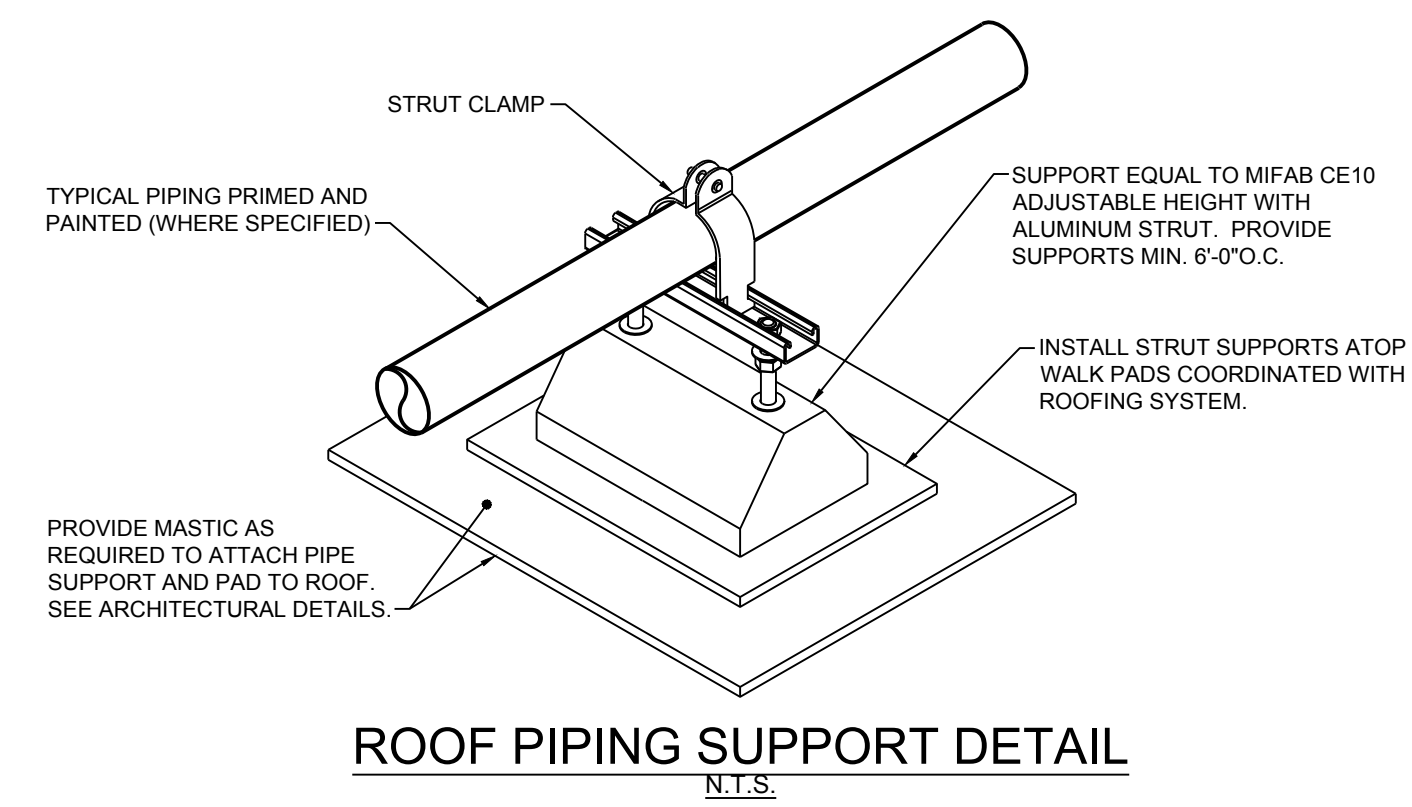
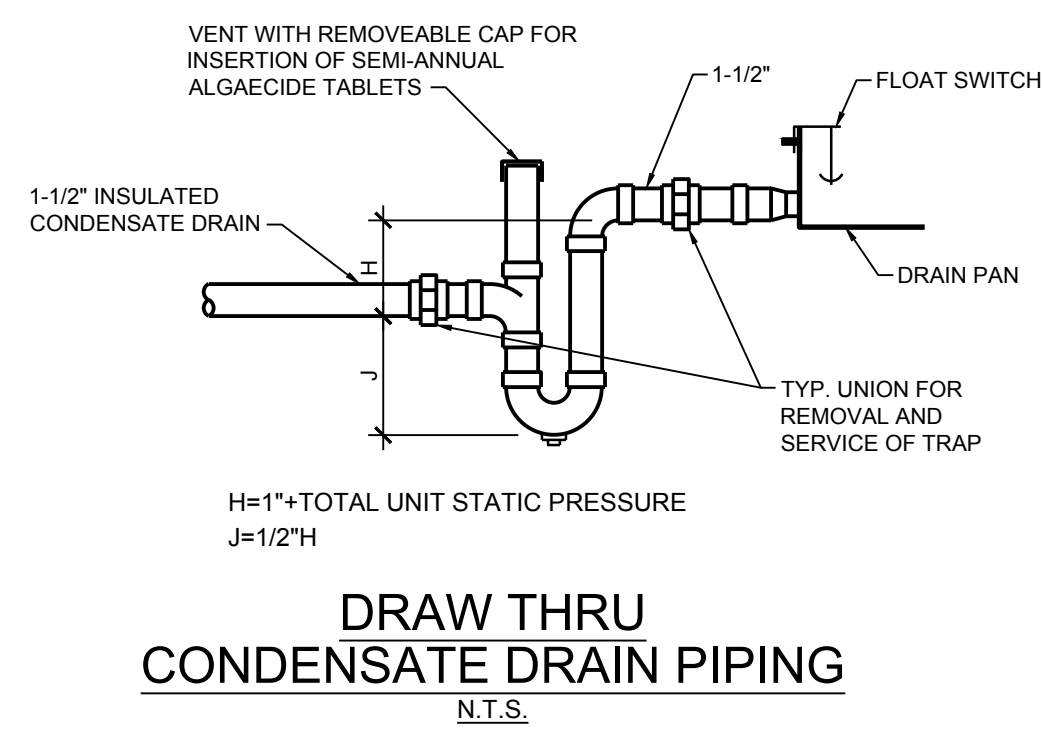
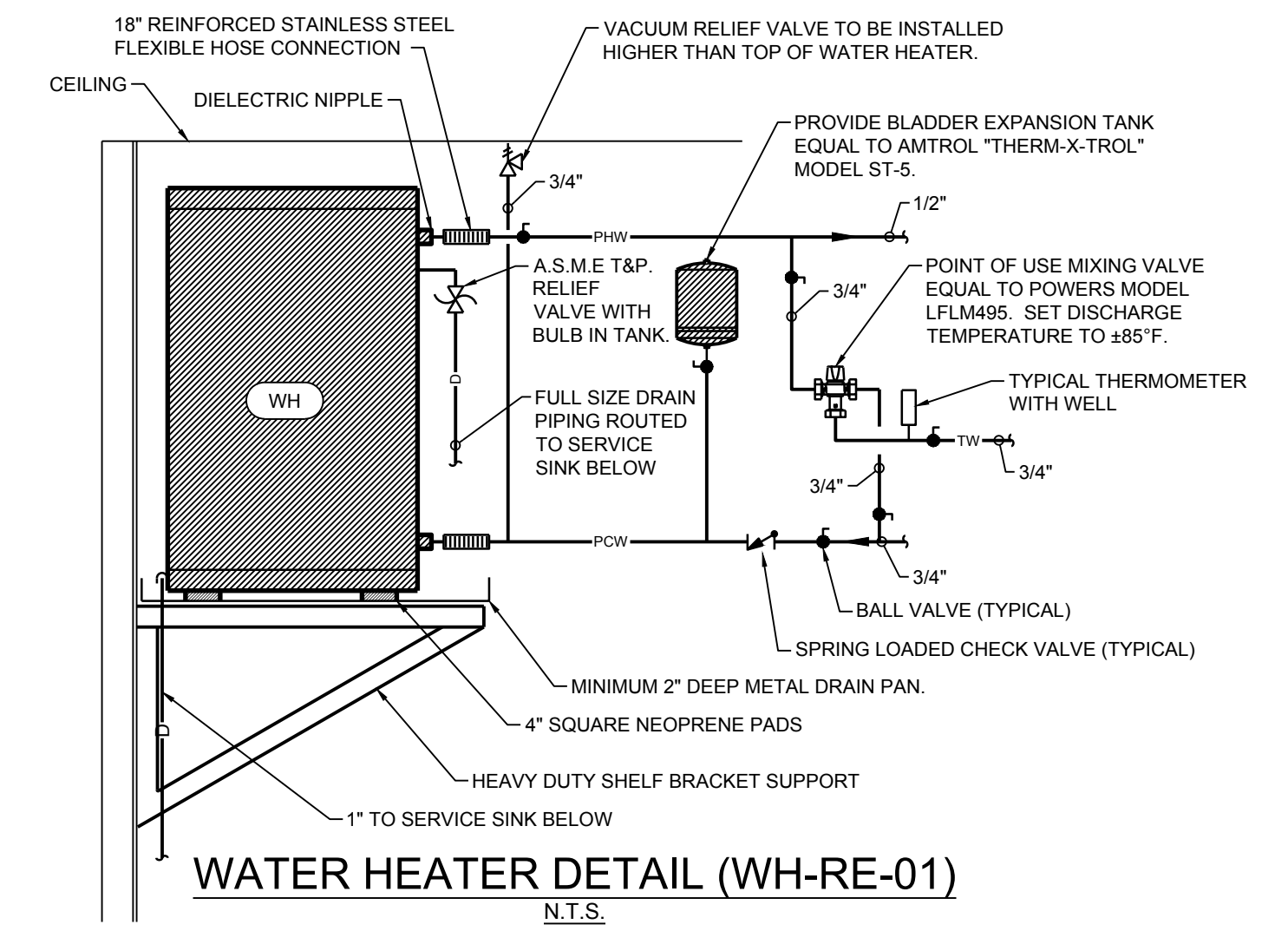
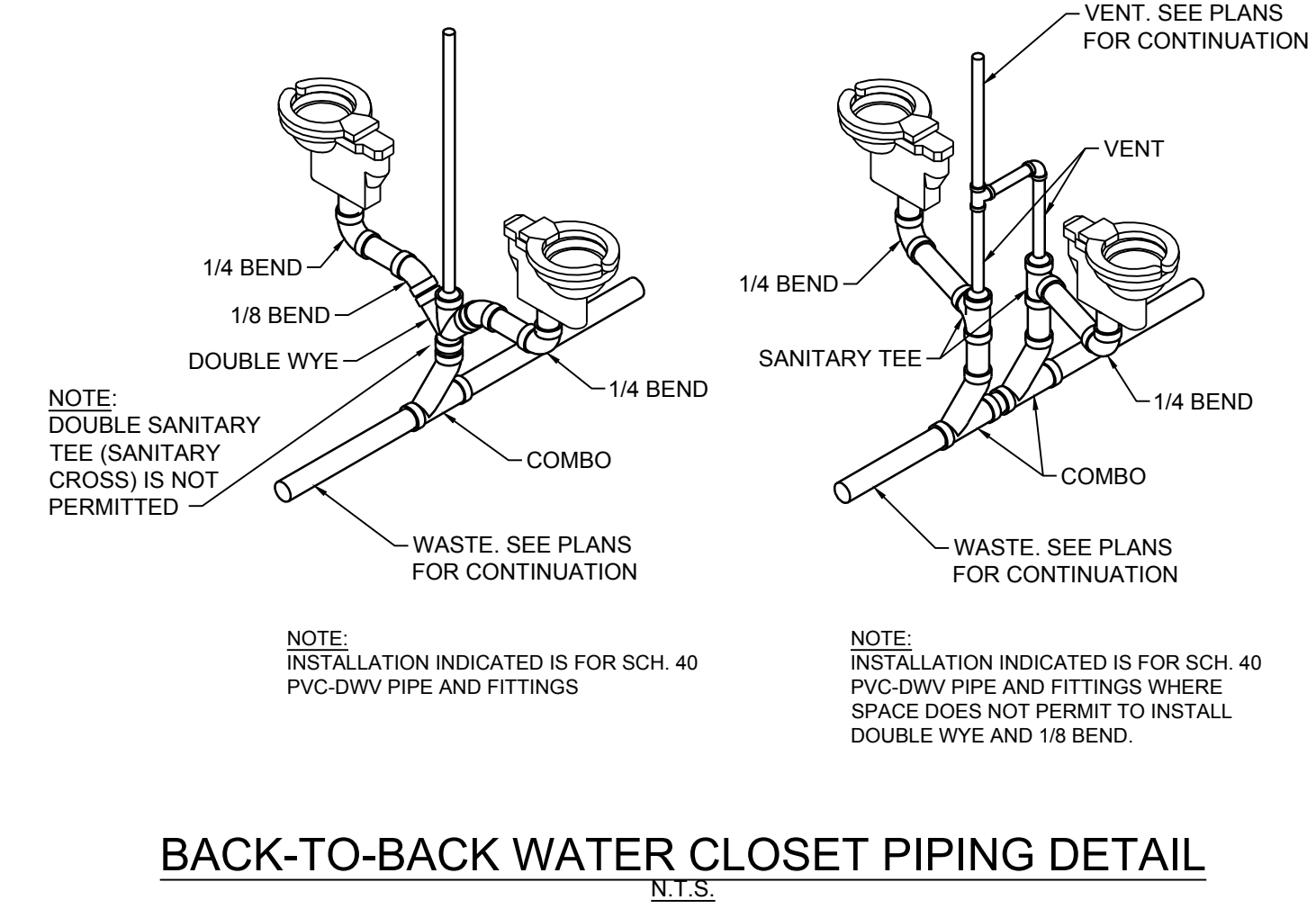
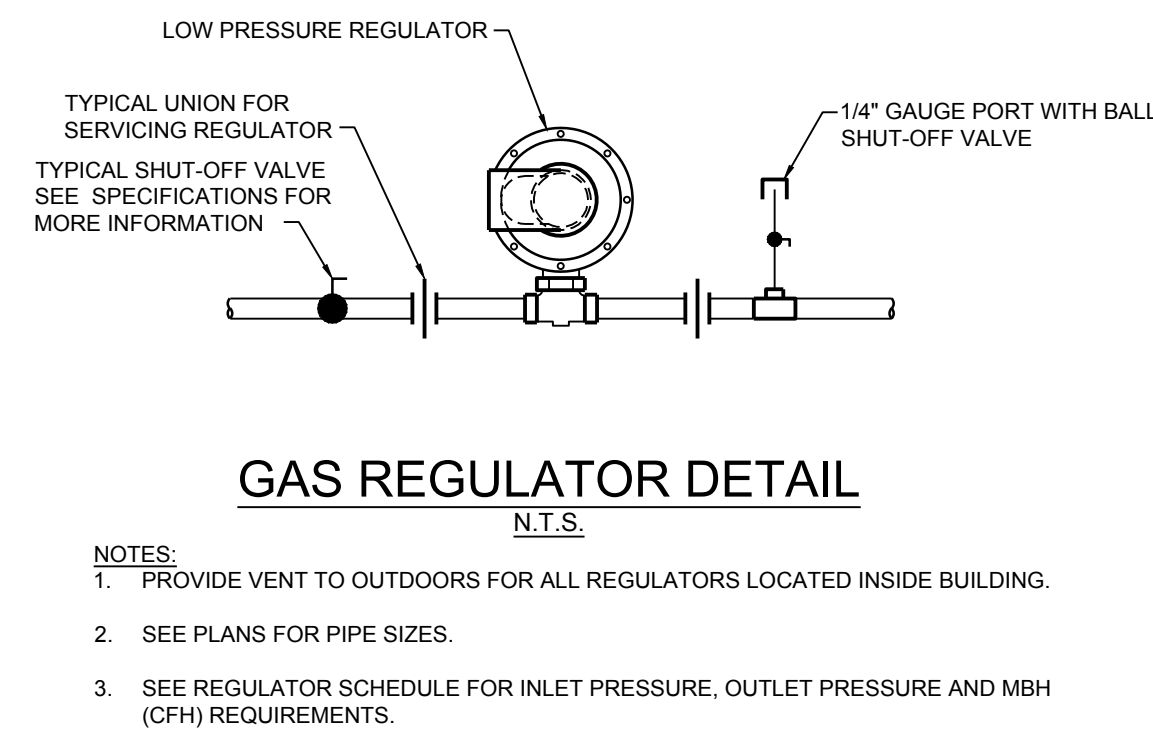
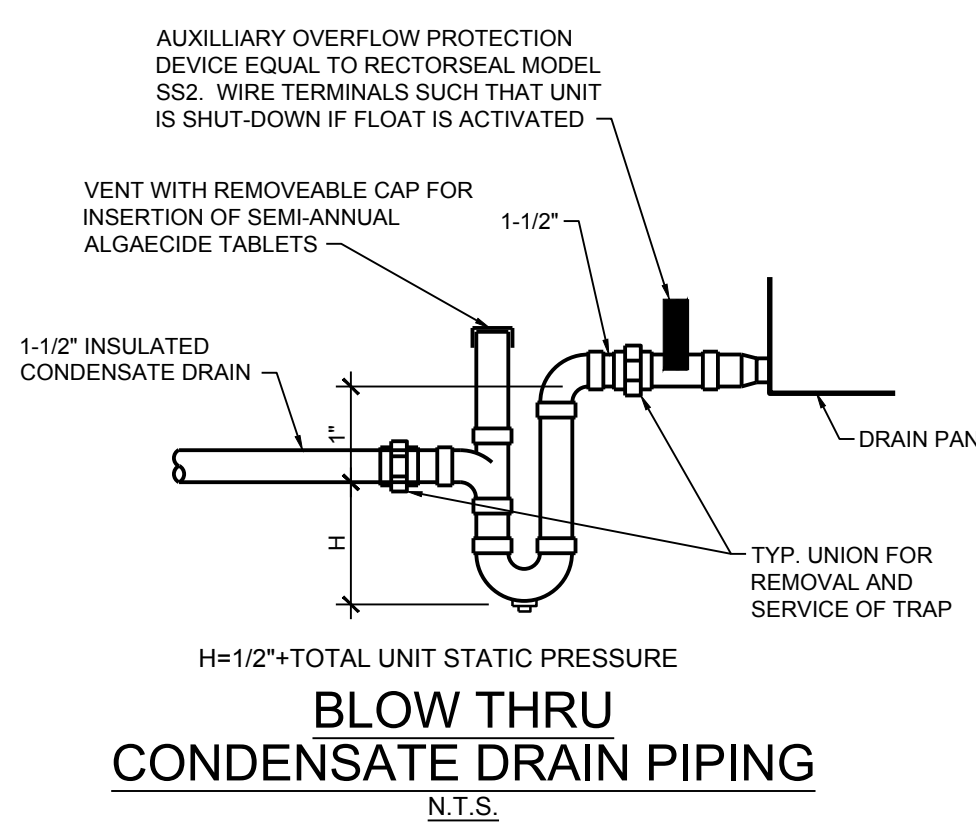
Project No 21027
Date 2 February 2022
Revisions Rev Date

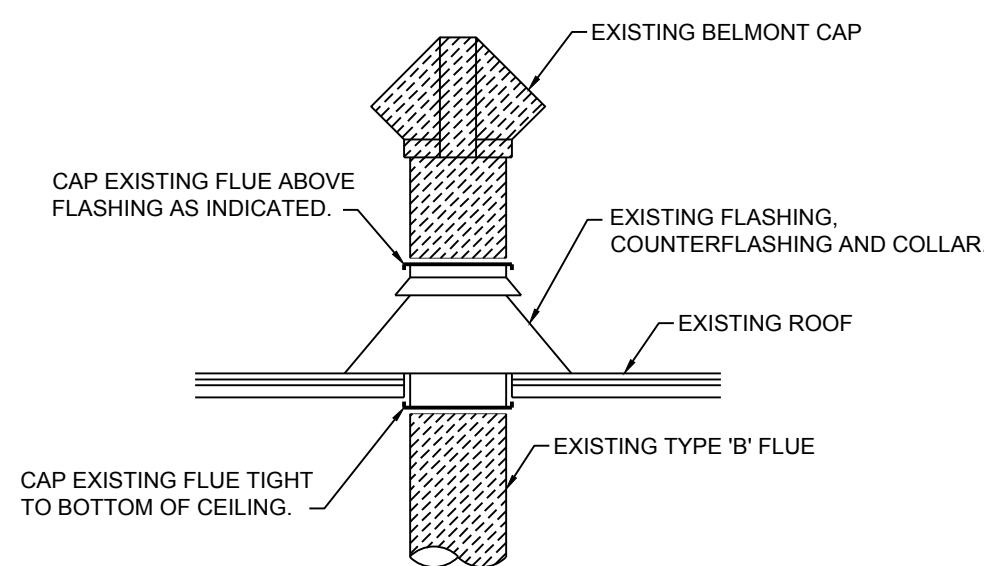
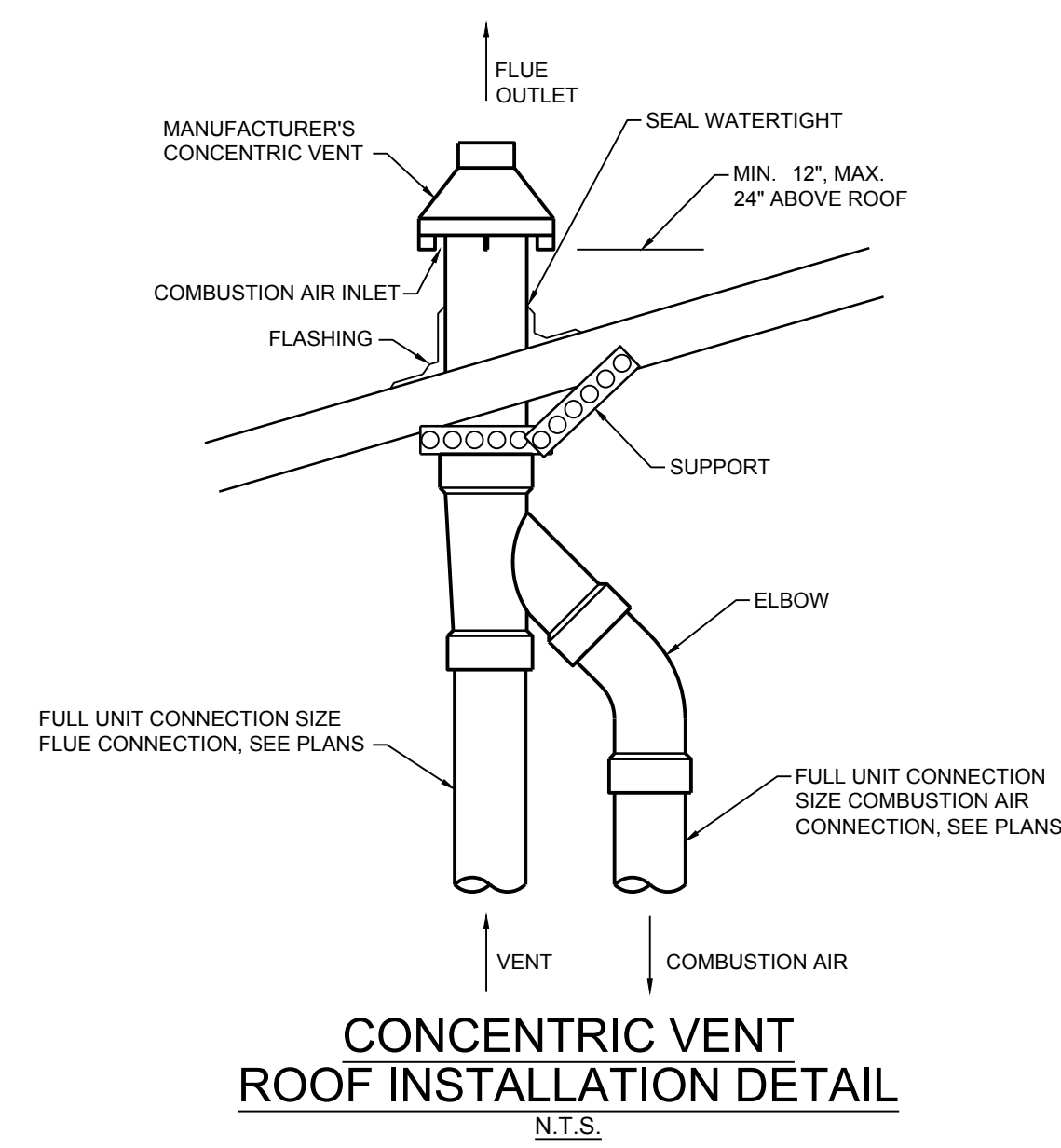
M-408

Mechanical Schedules

GSK
MECHANICAL
Consulting Engineering

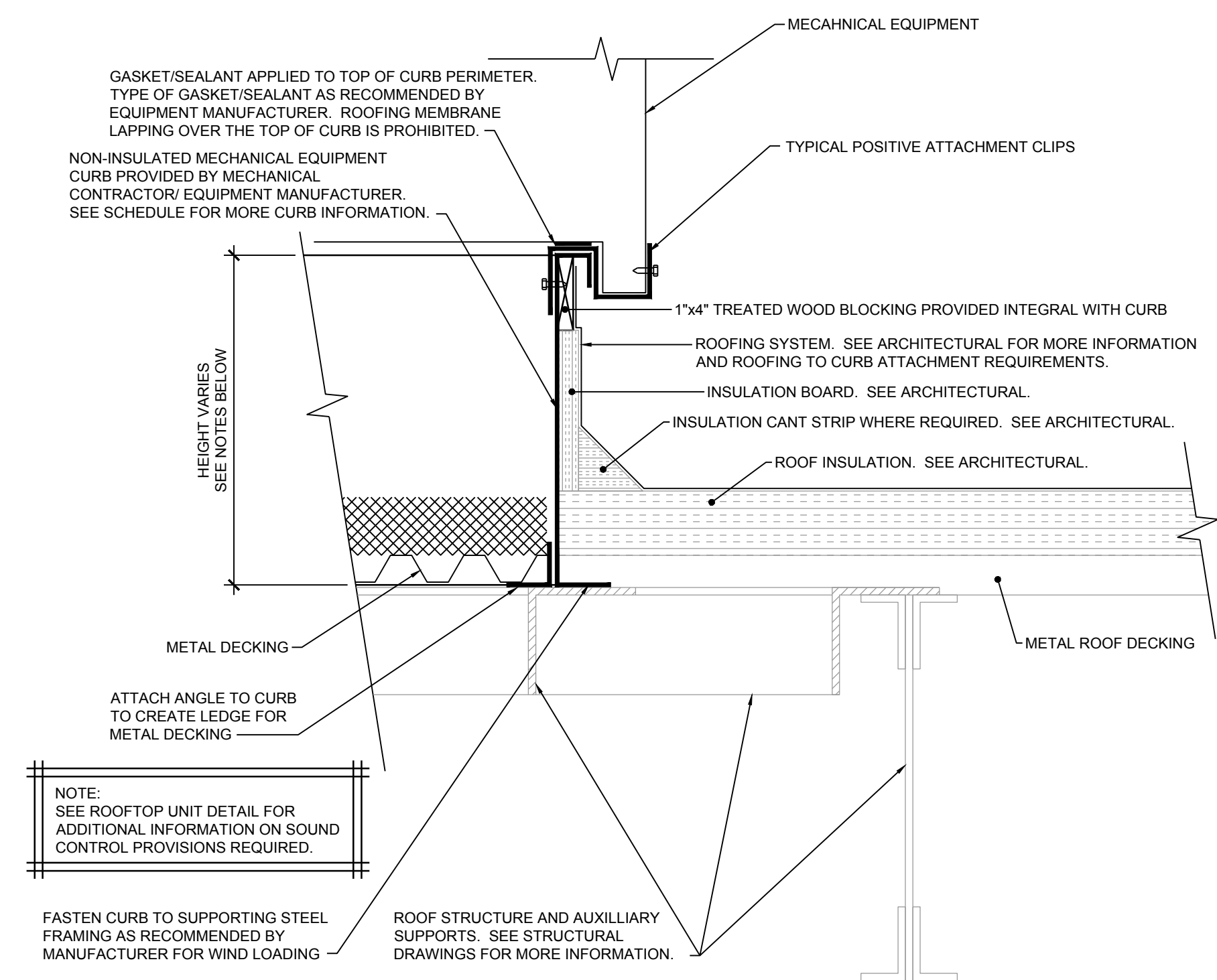
201 Park Court - Suite A1 | Ridgeland, MS 39157
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www.gskmesh.com
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EXISTING FLUE THROUGH ROOF
N.T.S.

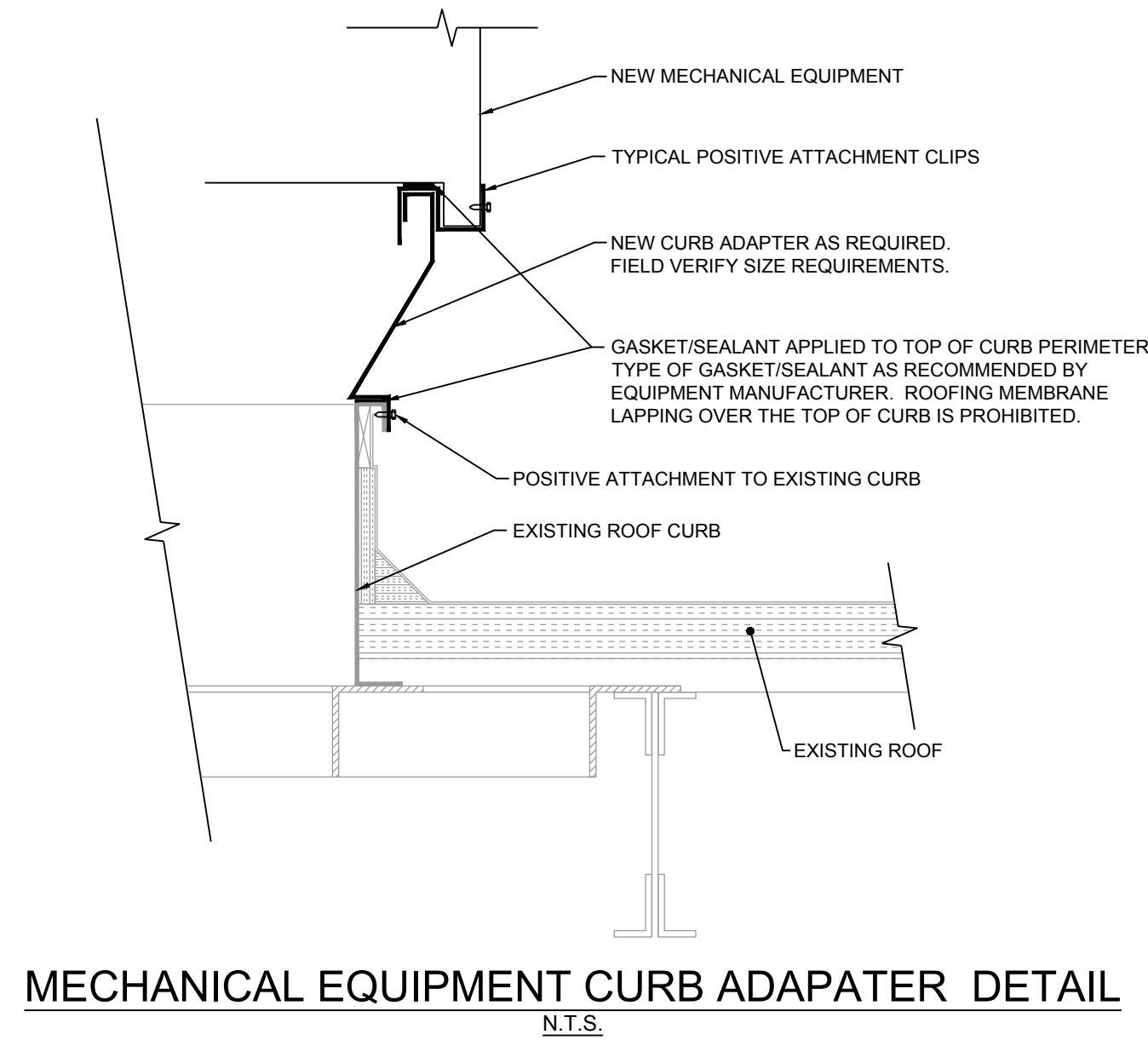
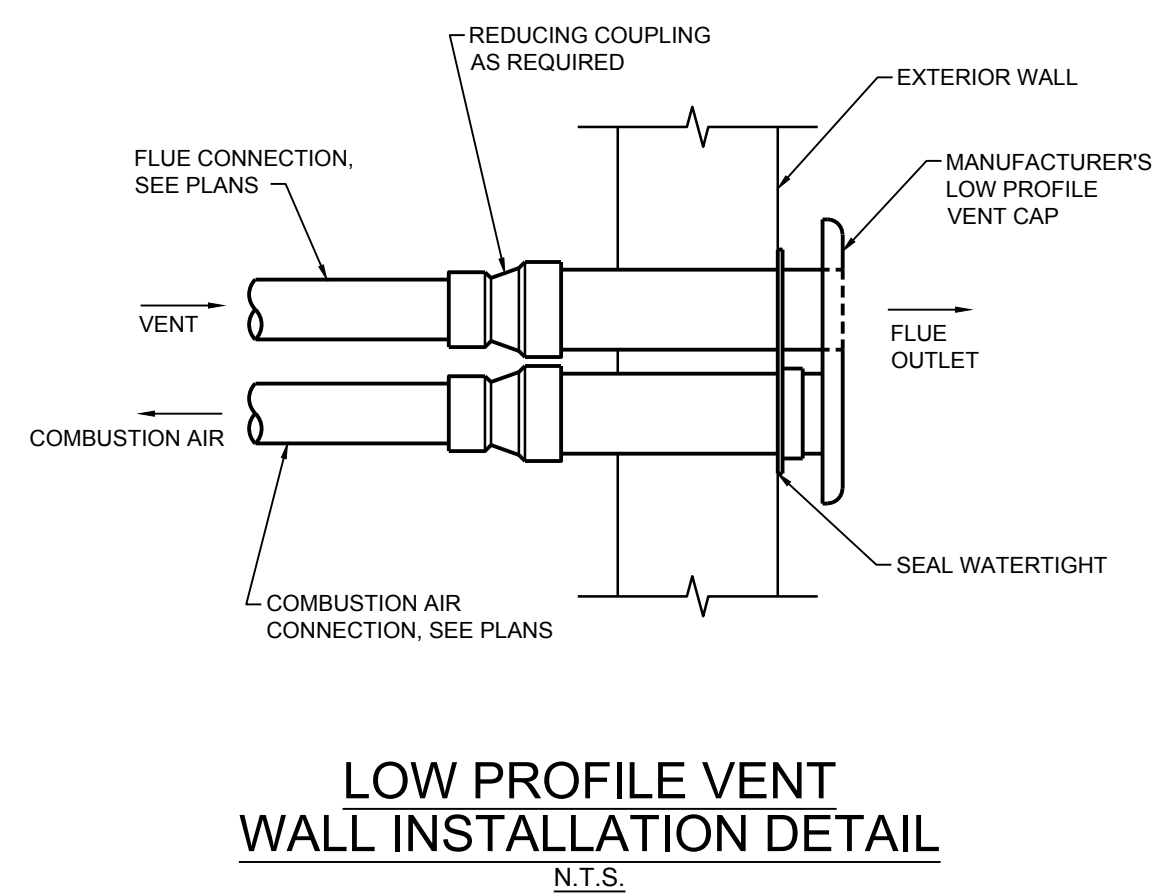
NOTE: THIS DETAIL IS APPLICABLE TO ALL FLUES, VENTS, ETC. WHERE INDICATED ON DEMOLITION PLANS AND THAT EXIST IN FACILITY WHERE GAS-FIRED EQUIPMENT IS REMOVED IN THIS SCOPE OF WORK, ETC.



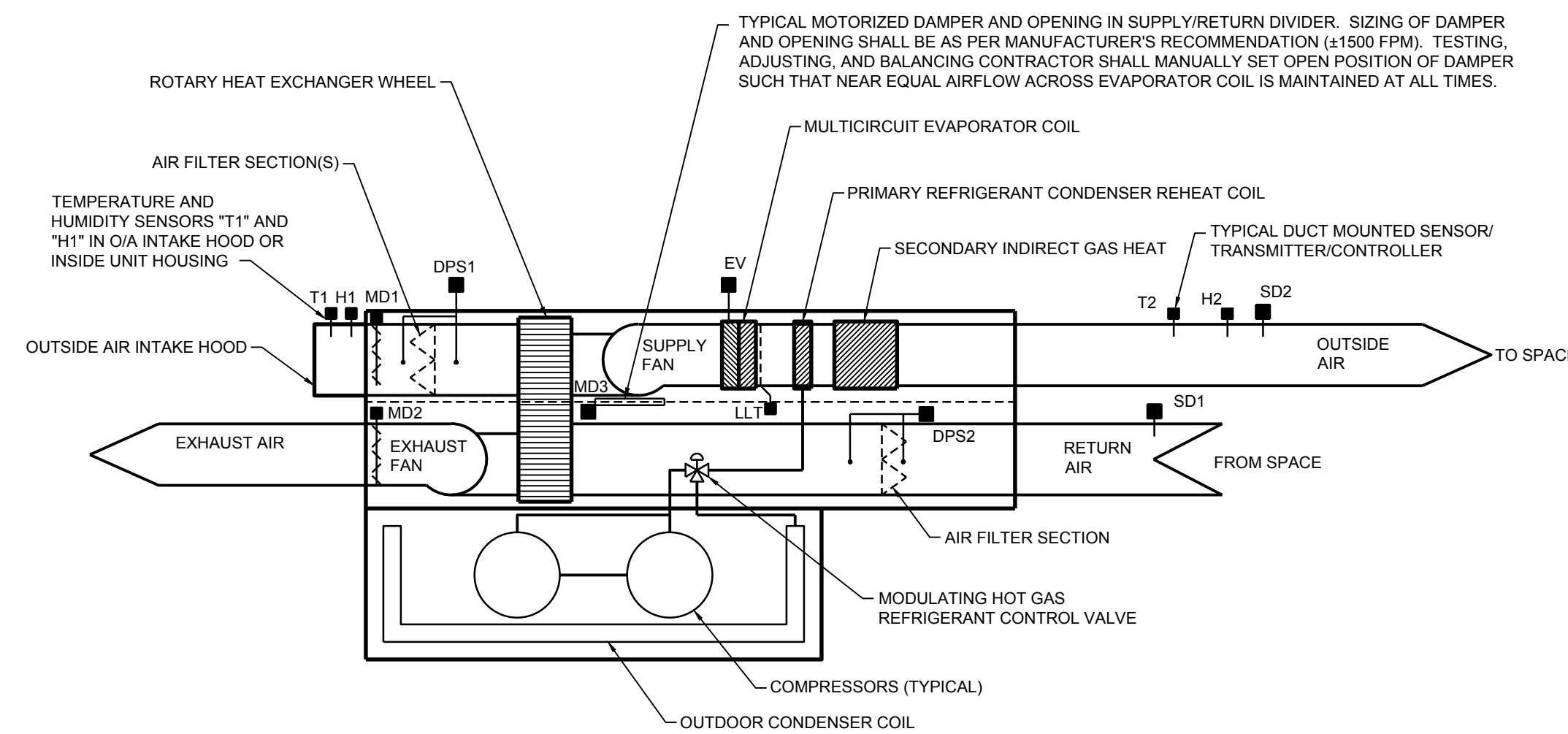
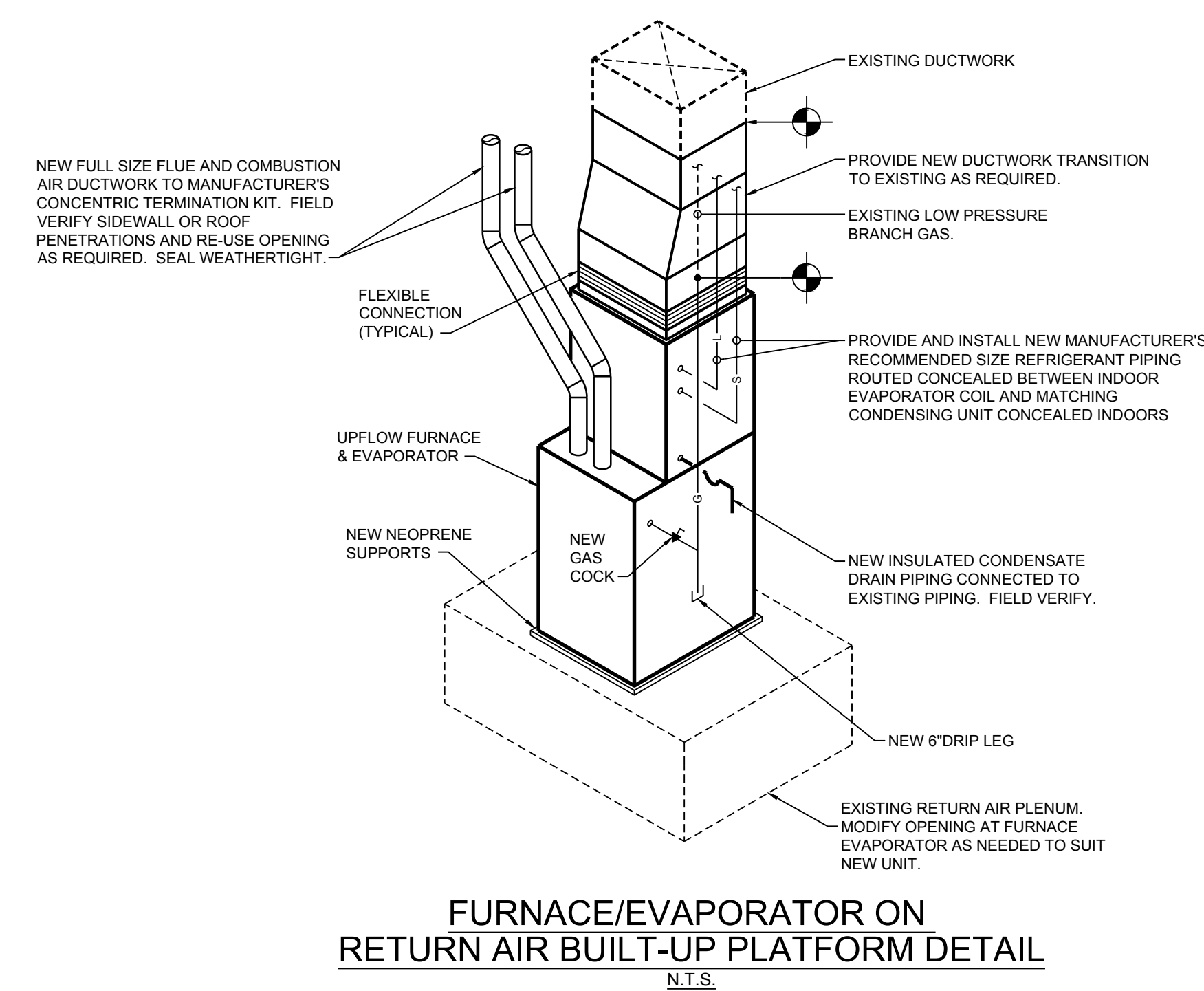
MECHANICAL EQUIPMENT CURB ATTACHED TO STRUCTURE DETAIL
N.T.S.

MECHANICAL EQUIPMENT CURB REQUIREMENTS SCHEDULE					
TYPE	MINIMUM HEIGHT	MAX. ROOF SLOPE ALONG EQUIPMENT WIDTH OR LENGTH	EQUIPMENT WEIGHT (LBS)	SLOPED OR FLAT CURB REQUIRED	MINIMUM GAUGE G-90 GALV. REQ'D
TYPE #1	0	LESS THAN 1"	LESS THAN 500	FLAT	18
TYPE #2	0	LESS THAN 1"	500-4,999	SLOPED	18
TYPE #3	0	1" OR GREATER	LESS THAN 500	SLOPED	18
TYPE #4	0	1" OR GREATER	500-4,999	SLOPED	18
TYPE #5	0	1" OR GREATER	5,000-14,999	SLOPED	16
TYPE #6	0	1" OR GREATER	15,000-29,999	SLOPED	14

- ① HEIGHT (12" MINIMUM) SHALL BE COORDINATED WITH CURB BEARING POINT. INSULATION THICKNESS AND MINIMUM HEIGHT ABOVE FINISHED ROOF SURFACE REQUIRED BY ROOFING SYSTEM. EXAMPLE #1 - A TYPE #2 CURB FOR EQUIPMENT LOCATED WHERE ROOFING SYSTEM CONSISTS OF TAPERED INSULATION THAT IS 6" THICK. CURB IS REQUIRED TO BEAR ON STRUCTURE (NOT METAL DECKING 1-1/2" THICK) AND A MINIMUM HEIGHT ABOVE FINISHED ROOF OF 8" WOULD REQUIRE THE MINIMUM EQUIPMENT CURB HEIGHT TO BE 15-1/2" TALL ON THE SHORT SIDE OF THE CURB. EXAMPLE #2 - A TYPE #1 CURB FOR EQUIPMENT LOCATED ON A STRUCTURE SLOPING 1/8" PER FOOT CONSISTING OF BAR JOISTS, 1-1/2" METAL DECK AND 4" OF ROOF INSULATION. A MINIMUM HEIGHT ABOVE FINISHED ROOF OF 8" AND WHERE THE CURB BEARS ON THE METAL DECKING WOULD REQUIRE THE MINIMUM CURB HEIGHT TO BE 12".
- ② WHERE FLAT CURBS ARE PROVIDED, THE CONTRACTOR SHALL SHIM BOTTOM OF CURB WITH TREATED WOOD BLOCKING TO HOLD TOP OF CURB LEVEL.
- ③ WHERE SLOPED CURBS ARE REQUIRED, CURB SHALL BE CONSTRUCTED TO HOLD TOP OF CURB LEVEL. CONTRACTOR SHALL VERIFY ROOF SLOPE AND EQUIPMENT ORIENTATION TO ENSURE PROPER CURB FABRICATION.



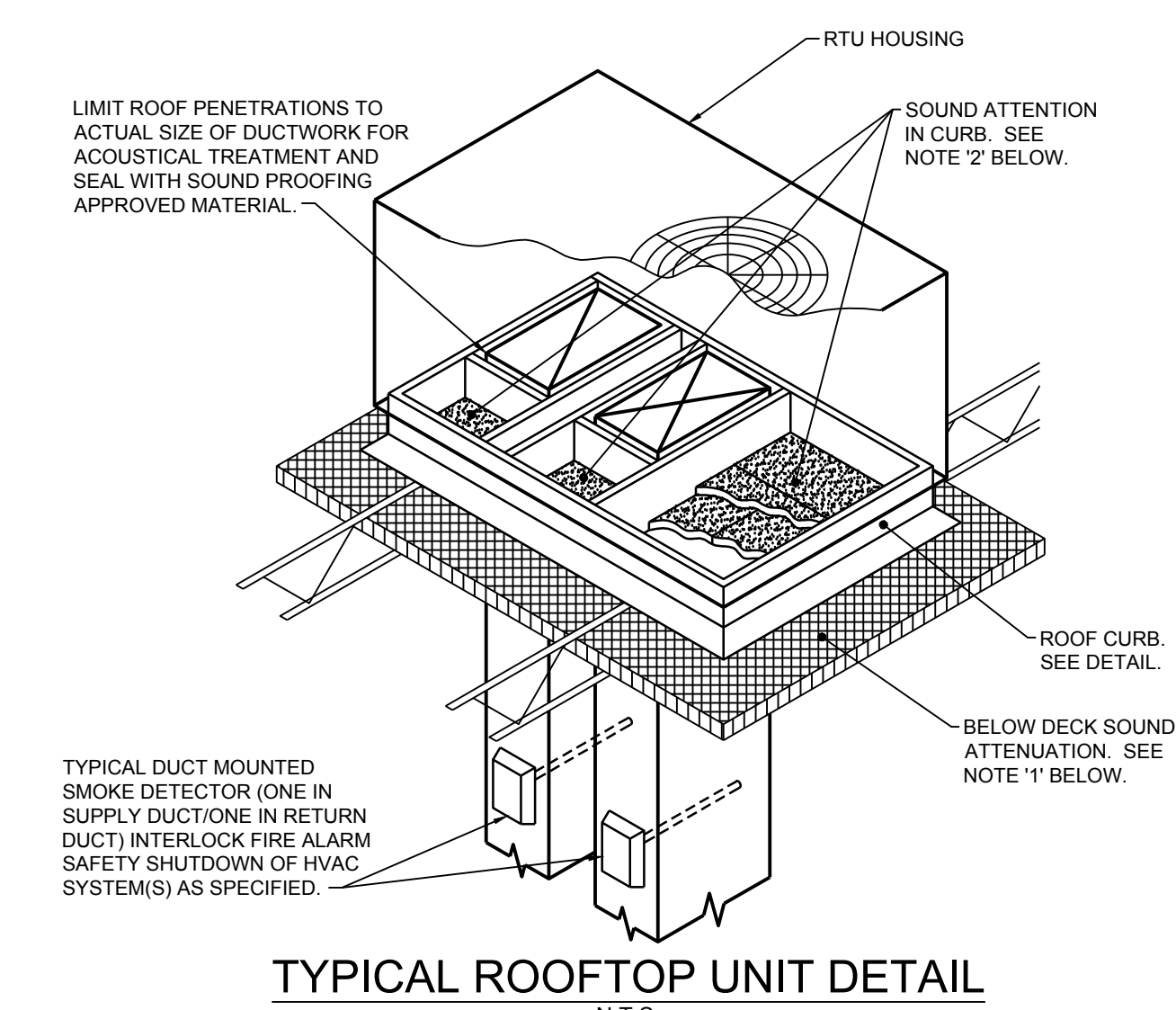
MECHANICAL EQUIPMENT CURB ADAPTER DETAIL
N.T.S.



CONTROL SEQUENCE / SCHEMATIC FOR HRU's
N.T.S.

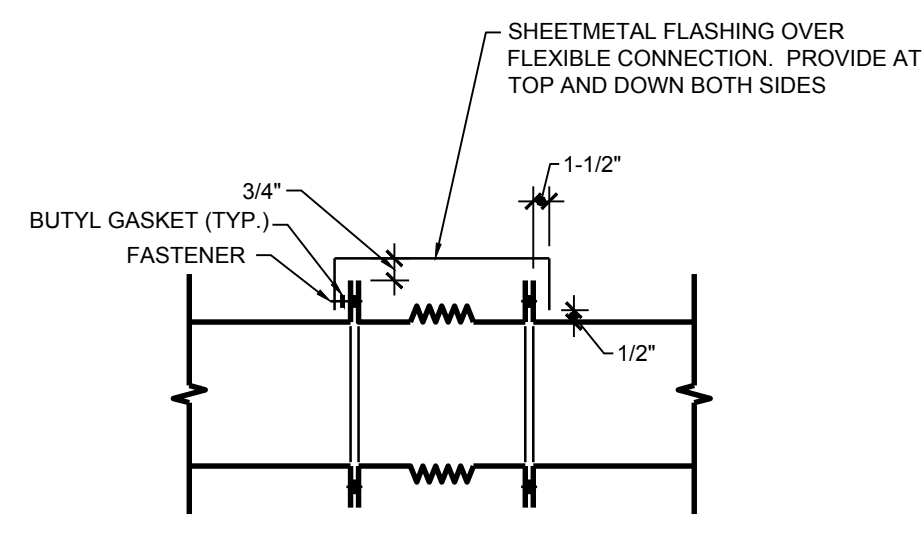
LEGEND - SENSOR / DEVICE

MARK	DESCRIPTION
MD1.2.3	MOTORIZED DAMPER - MODULATING - NORMALLY CLOSED - SPRING RETURNS
DPS1.2	DIFFERENTIAL PRESSURE SENSOR/TRANSMITTER
T1.2	DUCT TEMPERATURE SENSOR/CONTROLLER
EC	DIRECT EXPANSION COIL - 6 ROW WITH MULTICIRCUIT/STAGED CAPACITY (SPLIT BY FACE)
LLT	EVAPORATOR FACE MOUNTED LOW LIMIT TEMPERATURE SENSOR/TRANSMITTER
EV	EXPANSION VALVE (MODULATING CONTROL)
SD1.2	DUCT MOUNTED IONIZATION SMOKE DETECTOR

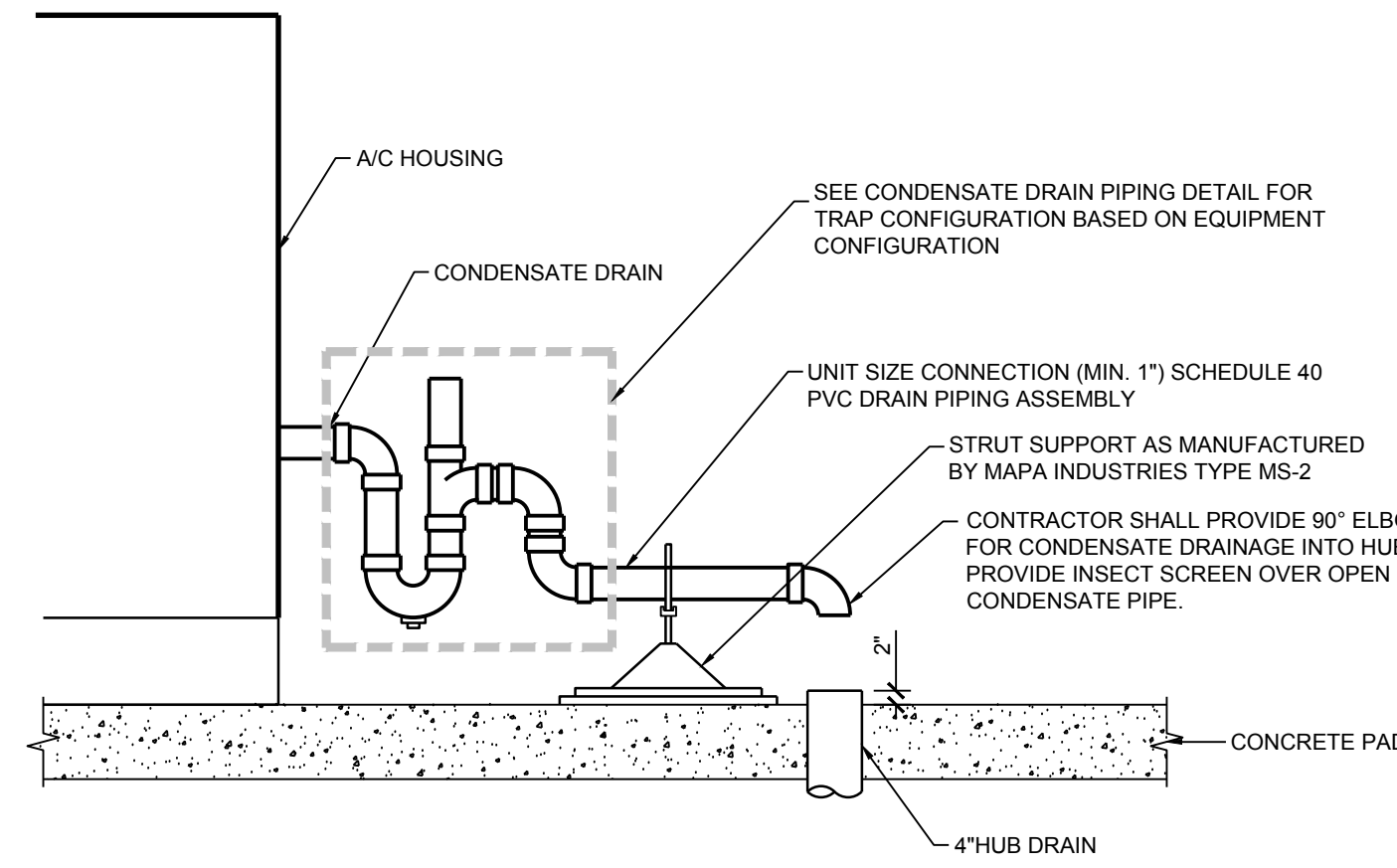


TYPICAL ROOFTOP UNIT DETAIL
N.T.S.

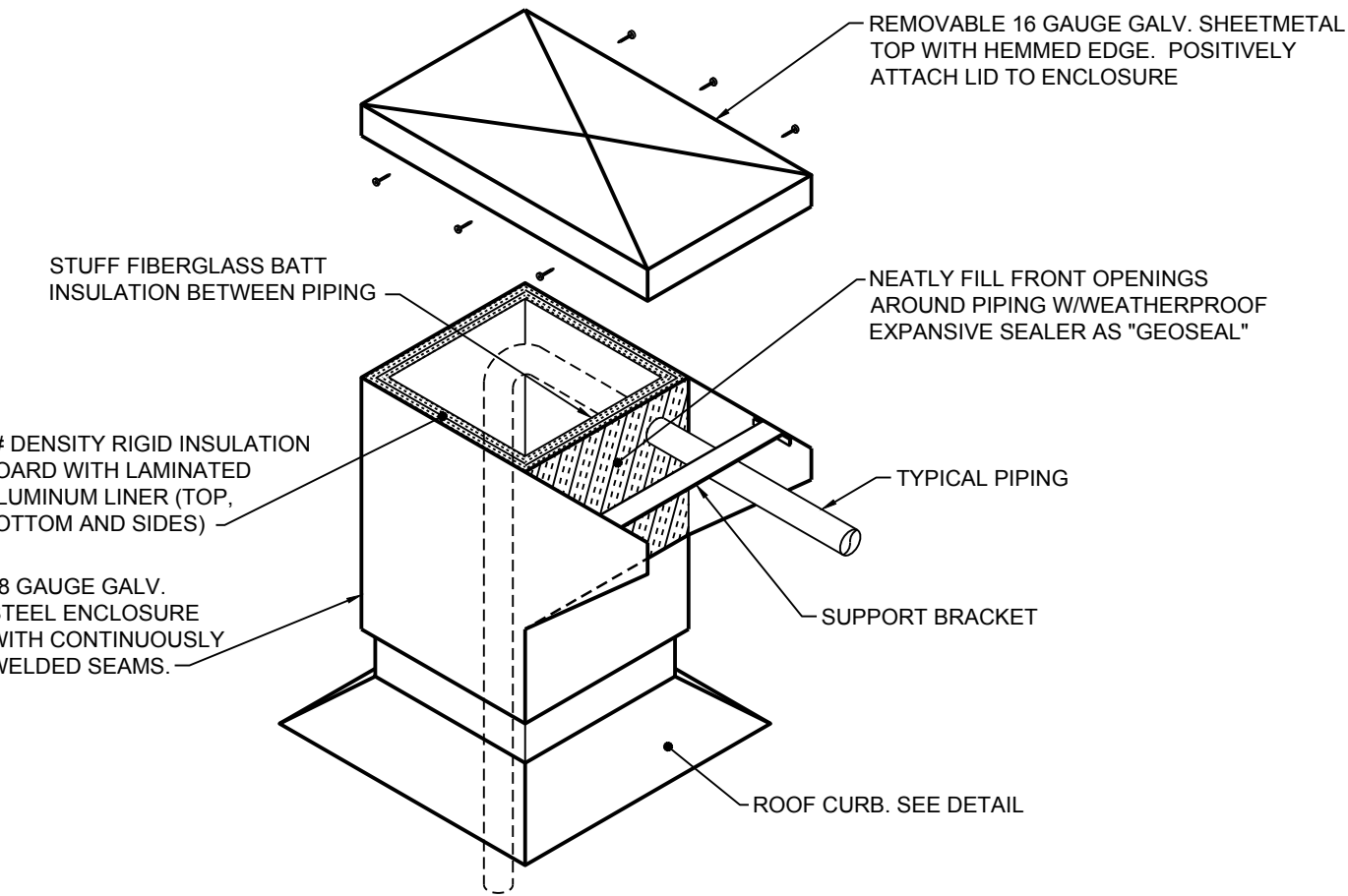
- SOUND ATTENUATION NOTES:
- 1. BELOW DECK SOUND ATTENUATION SHALL BE COMPRISED OF 2" THICK, 3 P.C.F. DENSITY DUCTBOARD MOUNTED TO THE UNDERSIDE OF ROOF DECK BELOW ALL NEW SYSTEMS. EXTEND MINIMUM 12" BEYOND ROOF CURB EXTERIOR AND TIGHT TO DUCTWORK OPENINGS AT ROOF PENETRATIONS. CUT DUCTBOARD TO FULLY COVER UNDERSIDE OF ROOF DECK AND AROUND STRUCTURE, ETC.
 - 2. SOUND ATTENTION IN CURB SHALL BE COMPRISED OF TWO (2) LAYERS OF 1/2" THICK MOISTURE RESISTANT GYPSUM BOARD ABOVE ROOF DECK WITHIN CURB AREA PRIOR TO SETTING UNIT ON CURB. OVERLAP GYPSUM BOARD SO SEAMS DO NOT ALIGN. PROVIDE AN ADDITIONAL TWO (2) LAYERS OF 2" THICK ROOF DECK INSULATION AT TOP GYPSUM BOARD. PROVIDE EXPANDING FOAM SEALANT BETWEEN CLOSE FITTING PENETRATIONS OF VERTICAL DUCTWORK AND DECK AND SOUND ATTENTION PROVISION MATERIALS.
- ALTERNATIVE SOUND TREATMENT: COMPOSITE SYSTEM EQUAL TO HUSHCORE MODEL DS-52 MAY BE UTILIZED IN LIEU OF GYPSUM BOARD.



OUTDOOR FLEXIBLE DUCT CONNECTION DETAIL
N.T.S.

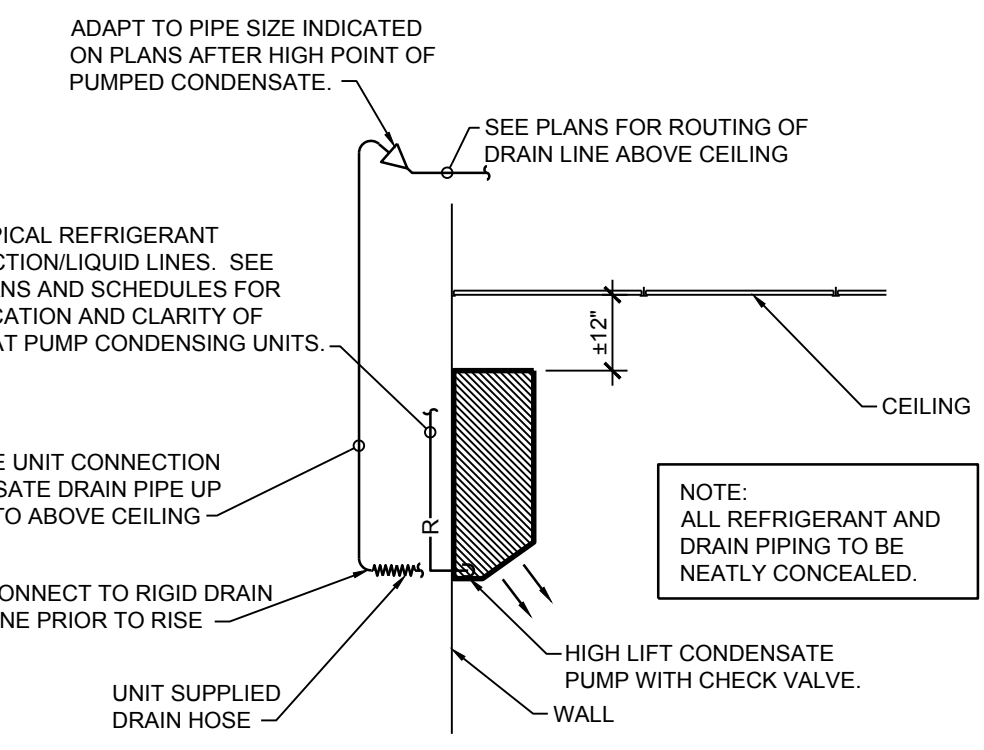


A/C UNIT CONDENSATE DRAIN PIPING
N.T.S.

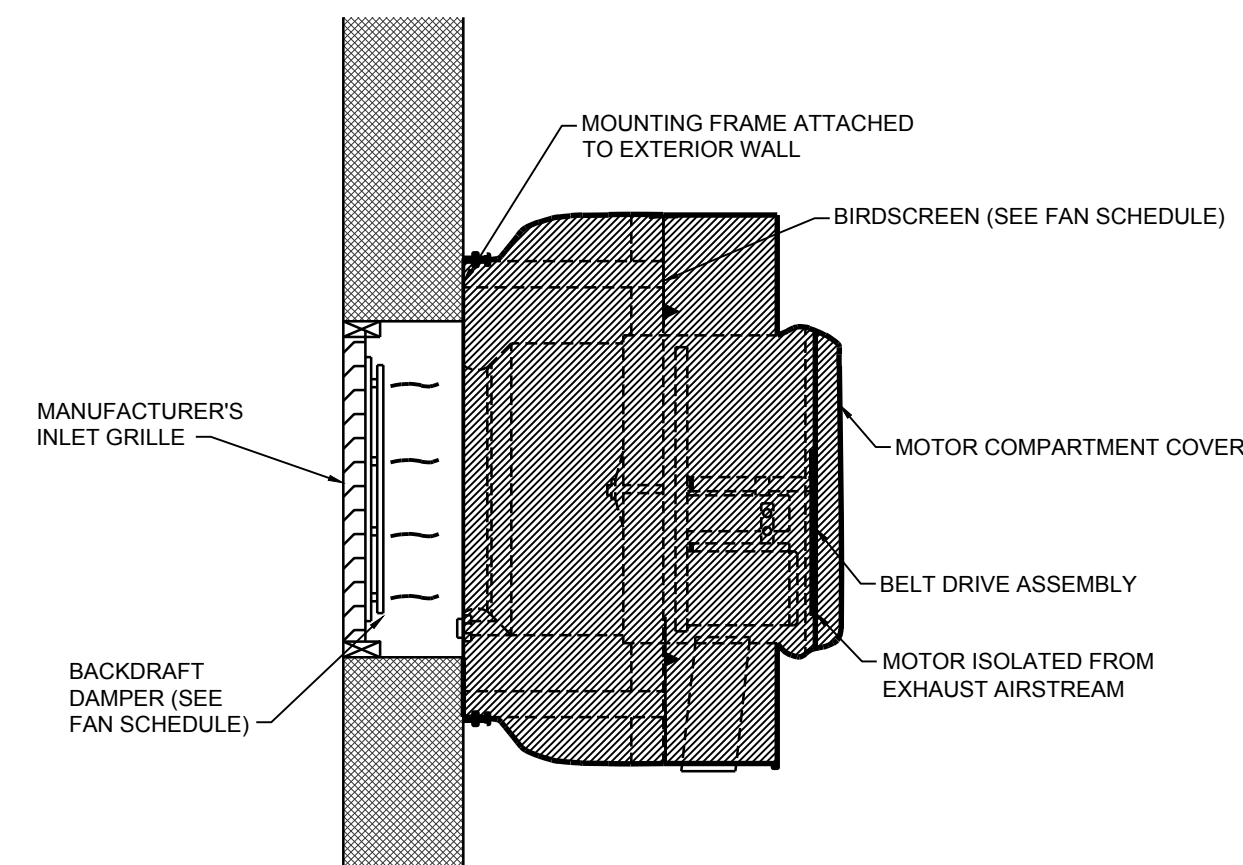


REFRIGERANT PIPING ROOF PENETRATION CAP
N.T.S.

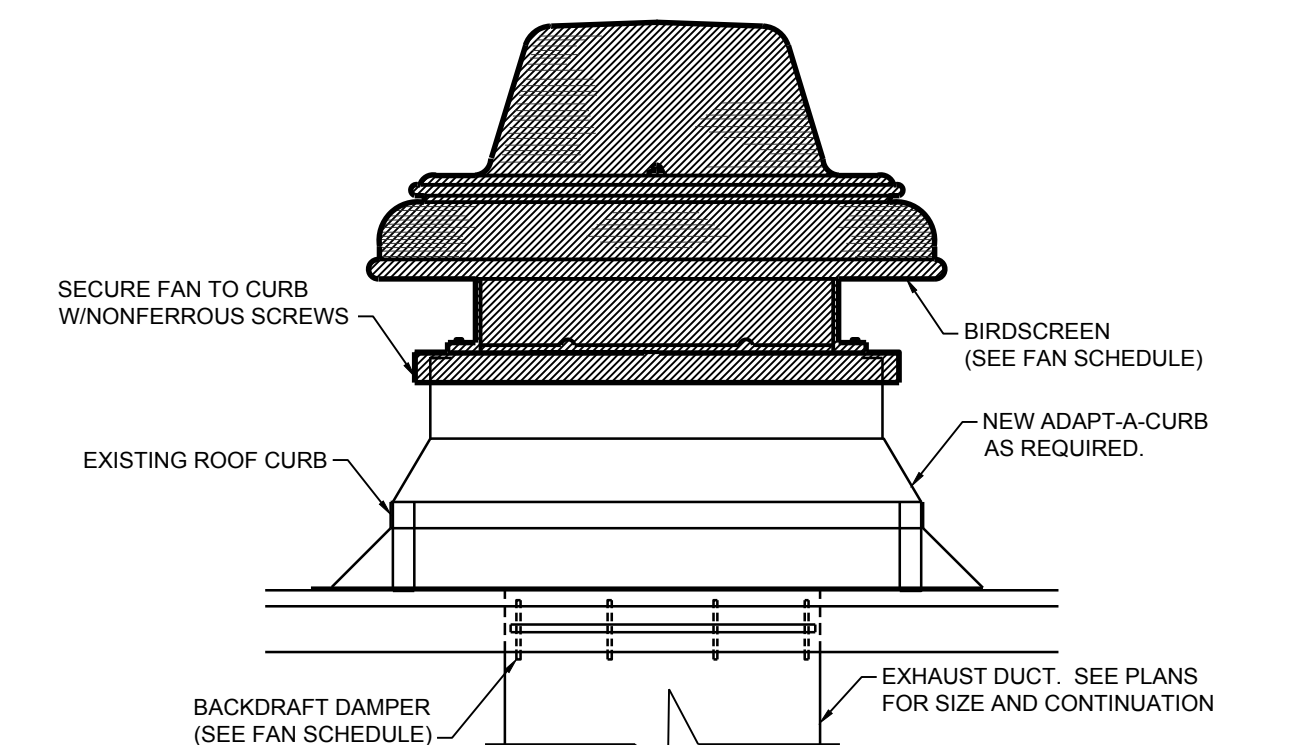
- NOTES:
1. SINGLE-SIDED CAP INDICATED. DOUBLE-SIDED CAP SIMILAR.
2. ROOF PENETRATION CAP EQUAL TO KEE'S SERIES PF.



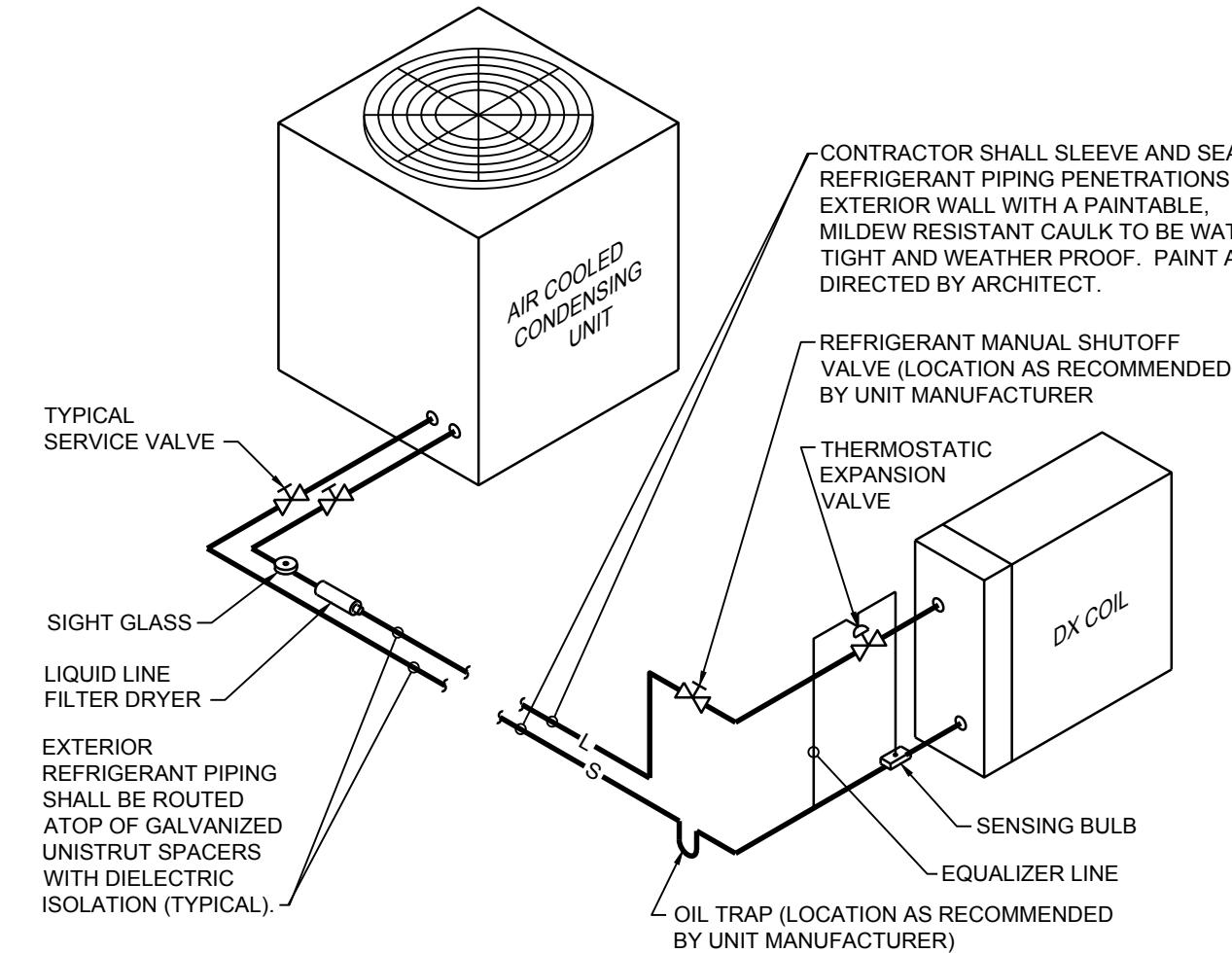
WALL MOUNTED HEAT PUMP FAN COIL DRAIN DETAIL
N.T.S.



CENTRIFUGAL SIDEWALL EXHAUST FAN DETAIL
N.T.S.

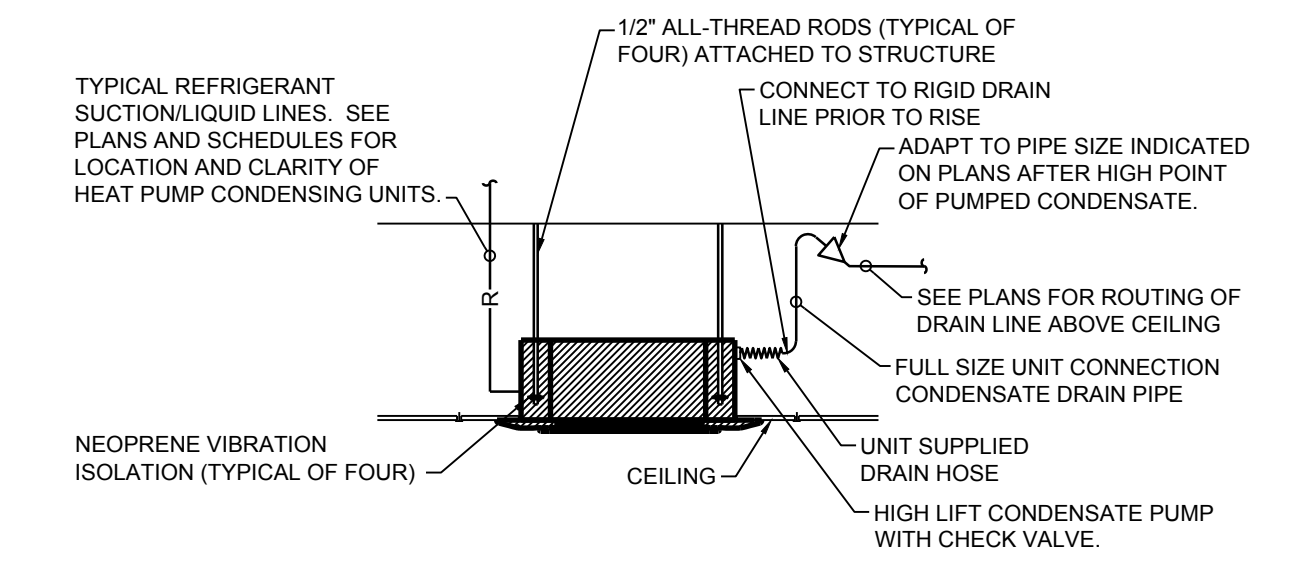


ROOF MOUNTED DOWNBLAST EXHAUST FAN DETAIL
N.T.S.

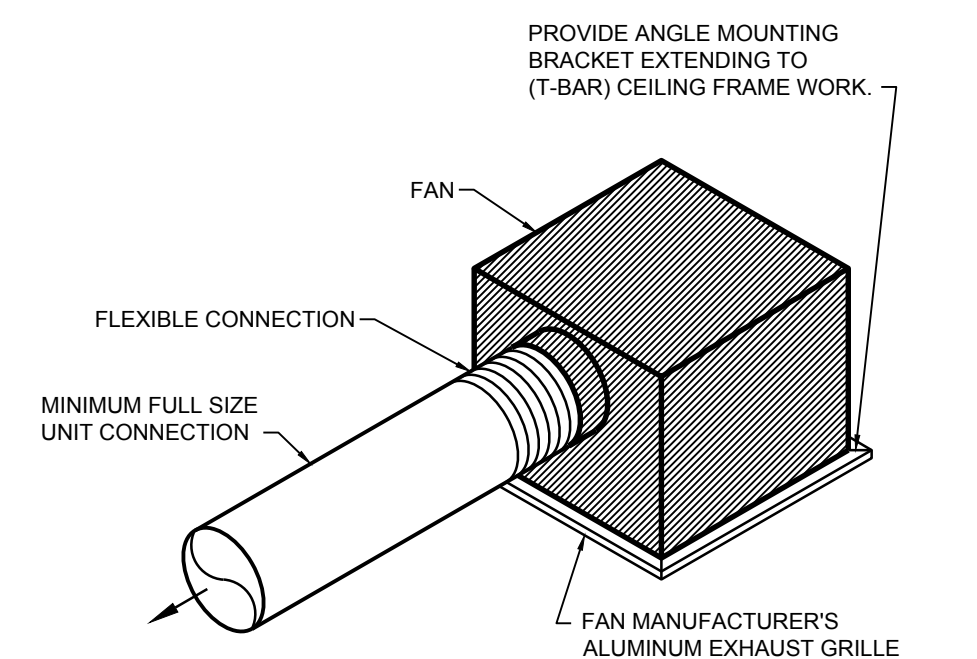


AIR COOLED CONDENSING UNIT / DX COIL PIPING DETAIL
N.T.S.

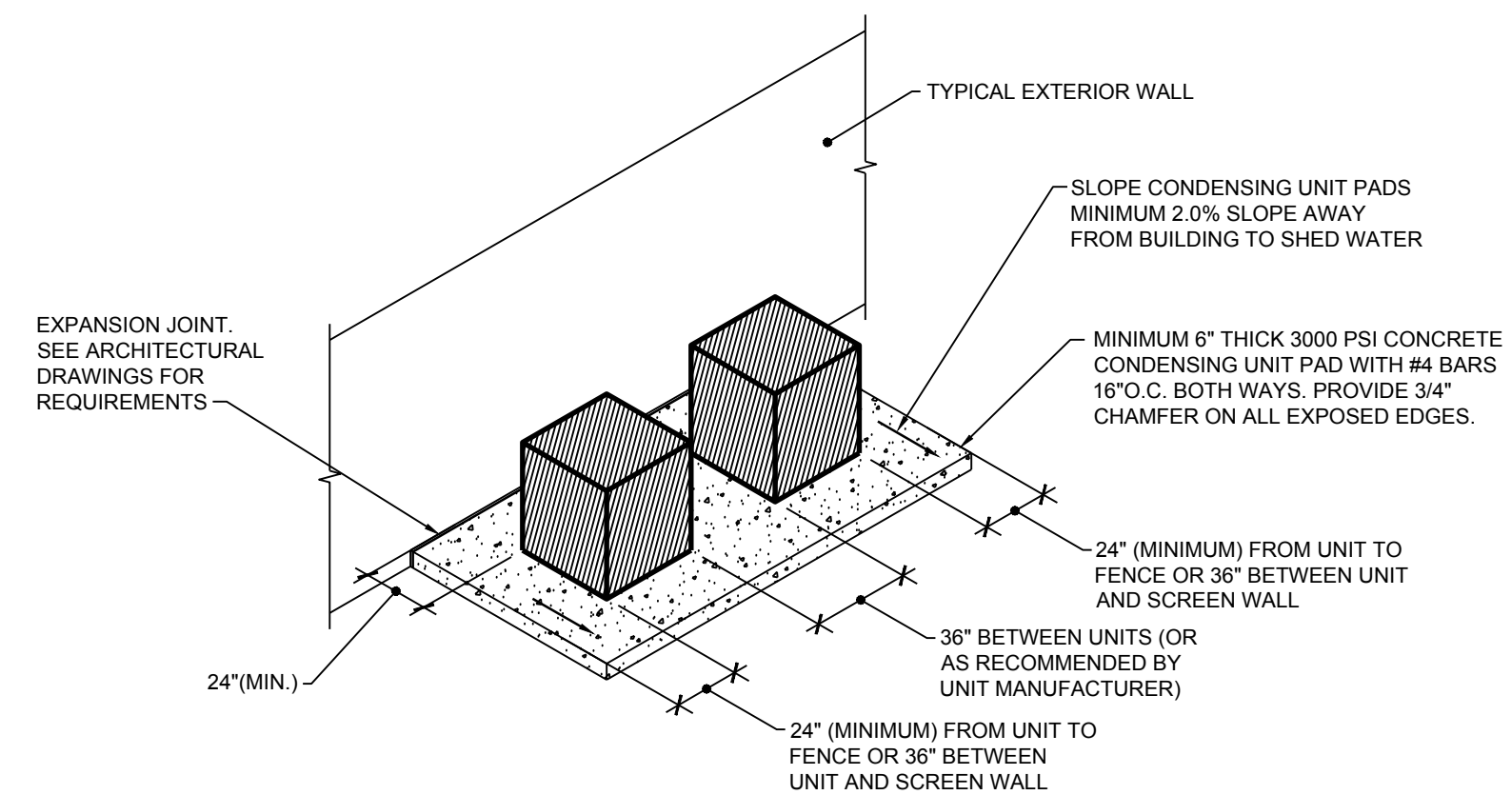
- NOTE:
REFRIGERANT PIPE SIZE AND CONFIGURATION SHALL BE AS RECOMMENDED BY MANUFACTURER TO PROVIDE SCHEDULED MINIMUM COOLING AND MAXIMUM EQUIPMENT LIFE.



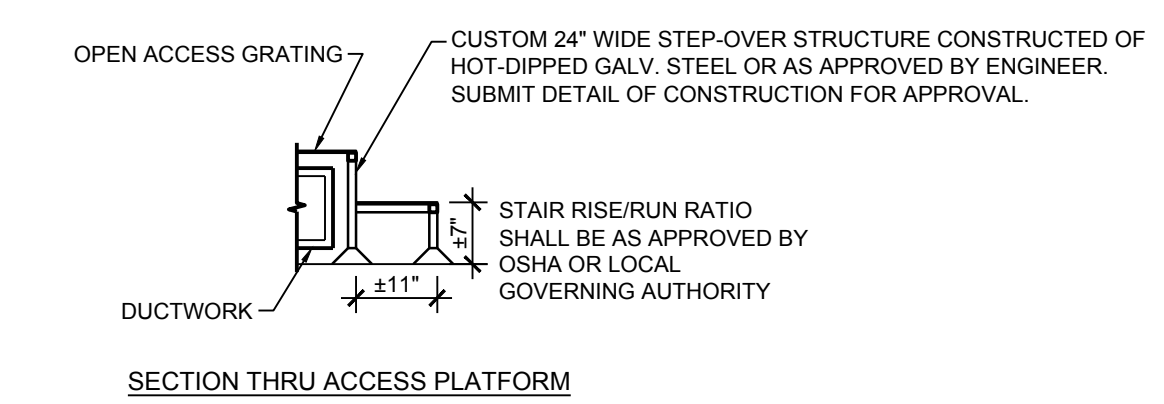
CEILING CASSETTE HEAT PUMP FAN COIL DRAIN DETAIL
N.T.S.



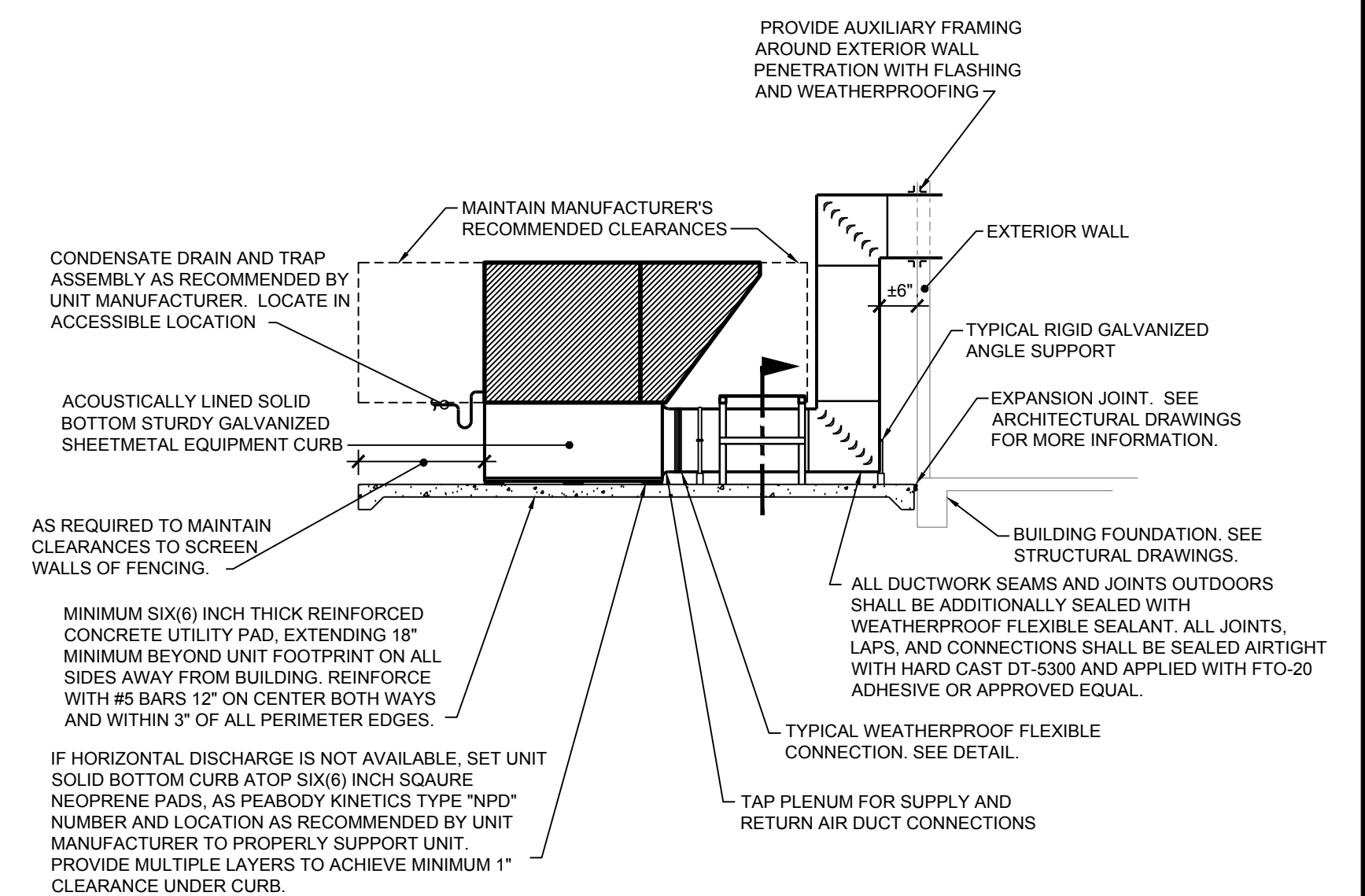
CEILING MOUNTED EXHAUST FAN DETAIL
N.T.S.



TYPICAL PAD MOUNTED CONDENSING UNIT DETAIL
N.T.S.

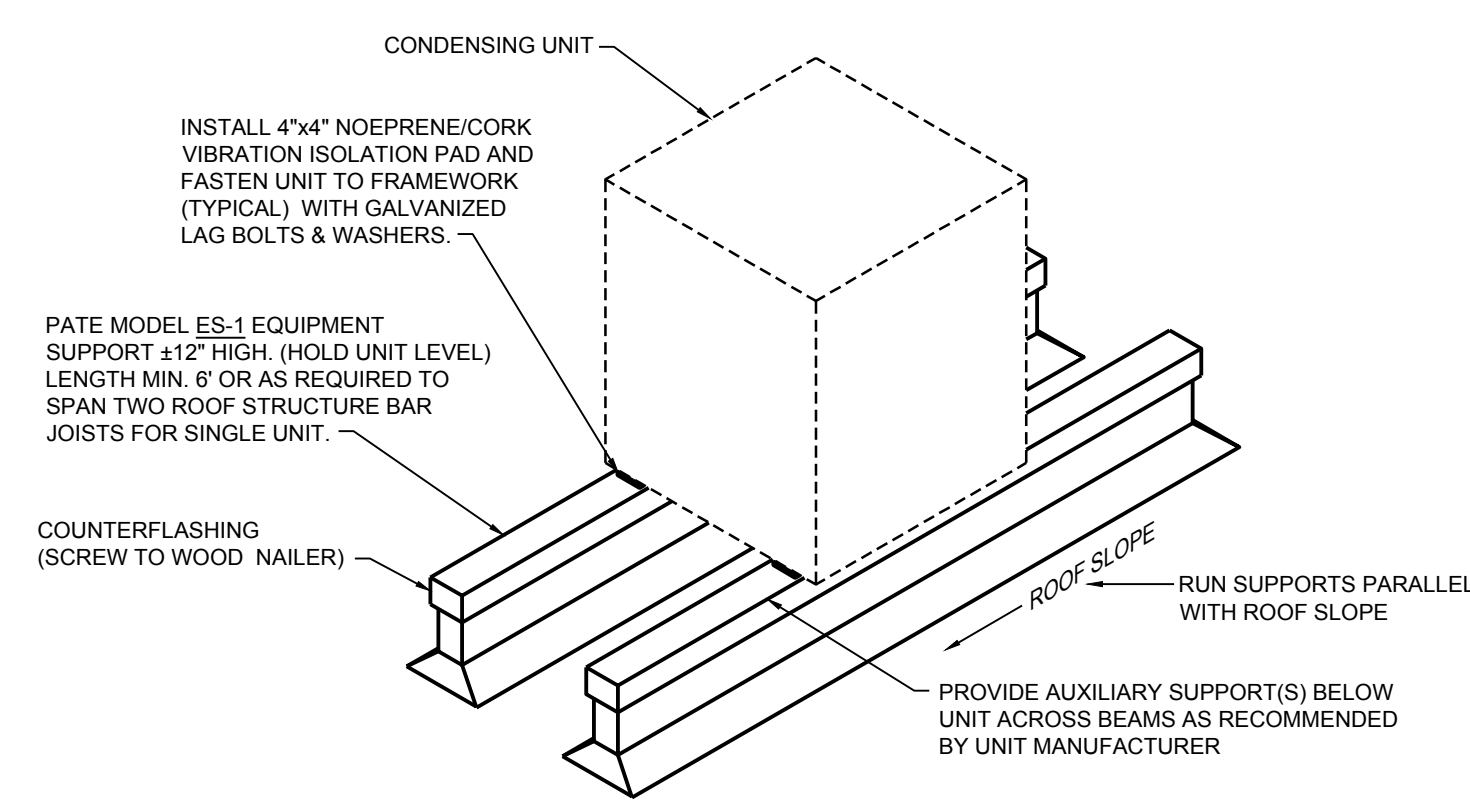


SECTION THRU ACCESS PLATFORM



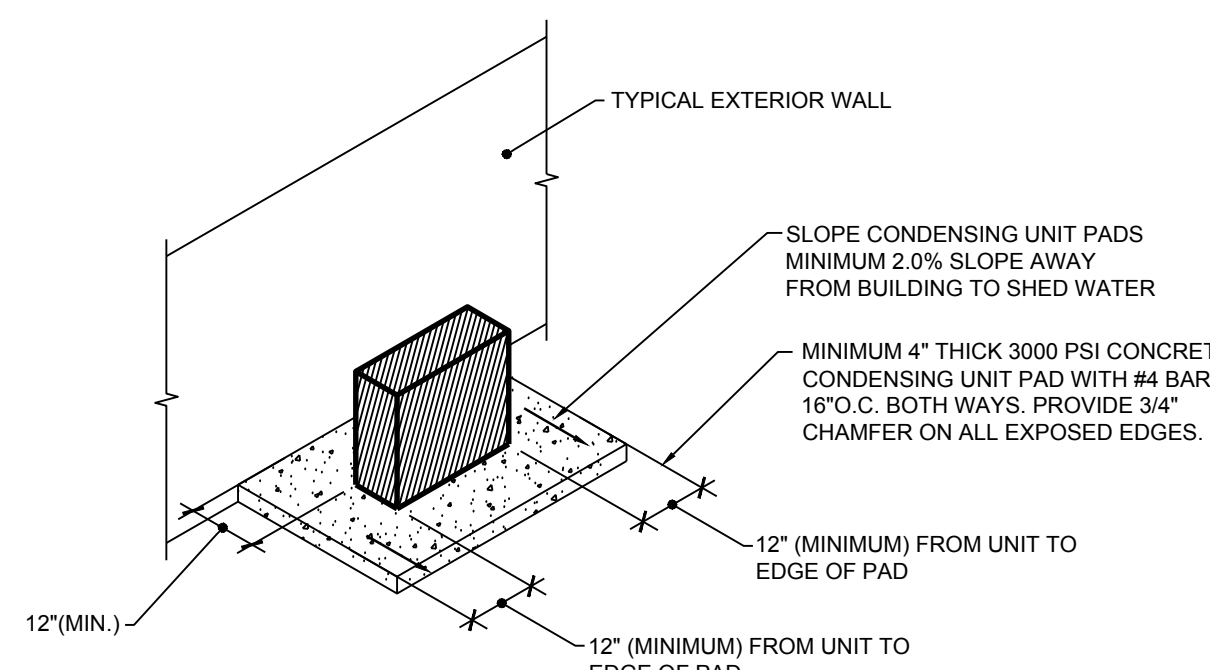
PAD MOUNTED HVAC PACKAGED UNIT DETAIL
N.T.S.

- NOTE:
DUCTWORK AND AUXILIARY SUPPORTS SHALL BE NEATLY PRIMED AND PAINTED BY CONTRACTOR WITH AN ALKYL-BASED RUST INHIBITIVE APPROVED PAINT SYSTEM.

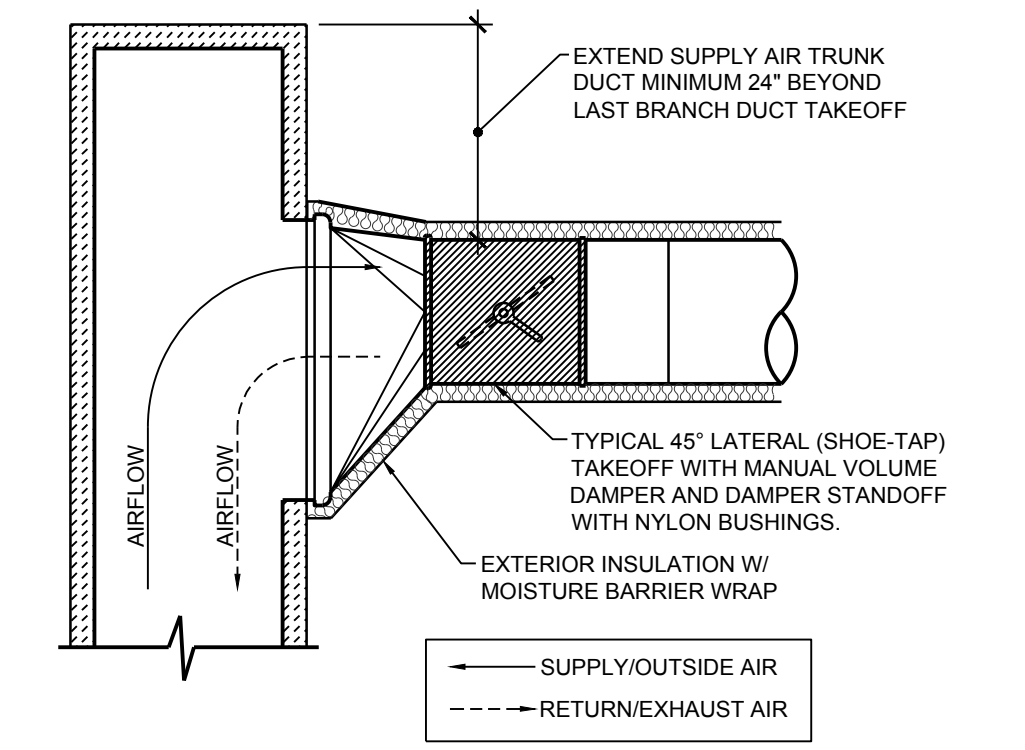
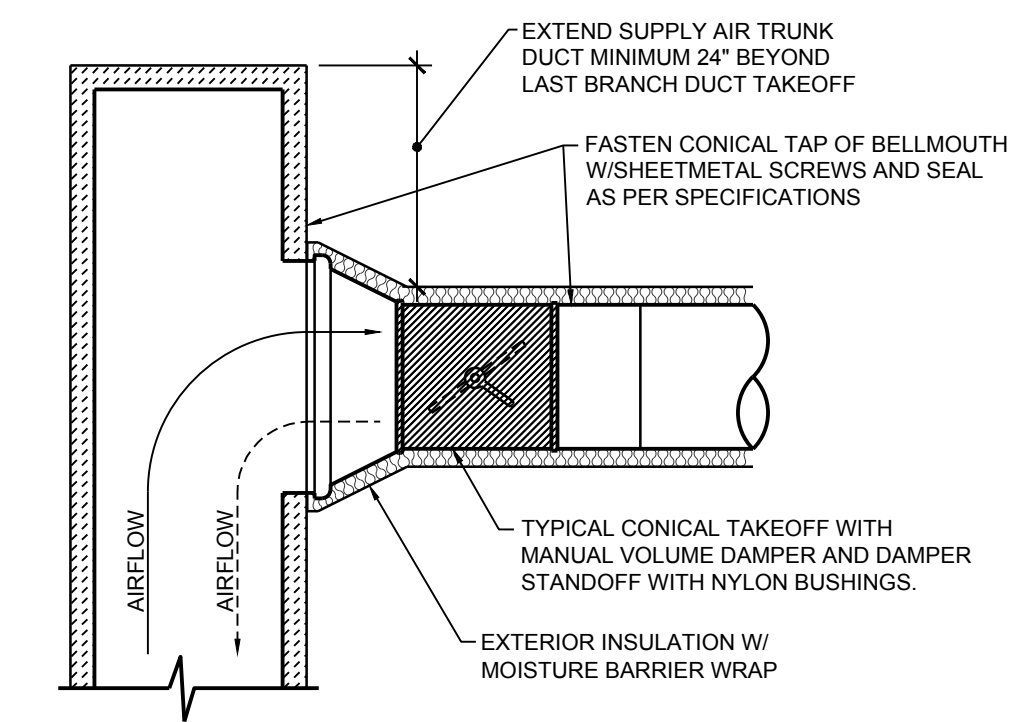
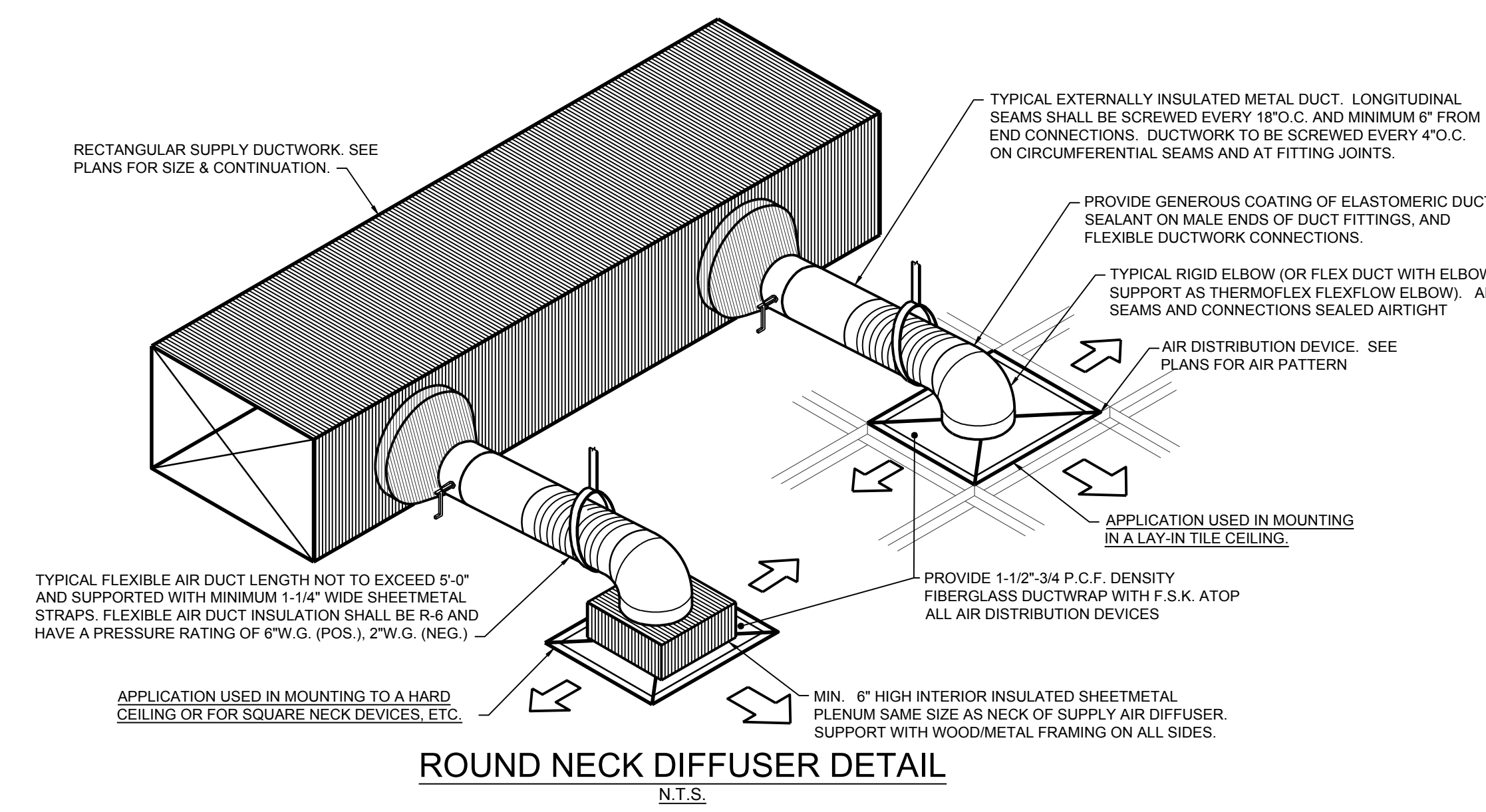


ROOF MOUNTED CONDENSING UNIT SUPPORT FRAME DETAIL
N.T.S.

- NOTES:
1. SEAL AND WEATHERPROOF ROOFING AROUND LEG SUPPORTS AS REQUIRED.
2. PROVIDE TWO COATS OF RED OXIDE PRIMER TO ENTIRE SUPPORT FRAME PRIOR TO INSTALLATION AND ONE FINAL FINISH COAT OF APPROVED AKYL D ENAMEL PAINT, COLOR BY ARCHITECT.
3. ADJUST SIZE OF FRAMEWORK TO EQUIPMENT SUPPLIED. VERIFY AS REQUIRED.
4. PROVIDE COMMON ROOF PENETRATION (SEE ARCHITECTURAL) FOR ALL PIPING AND CONDUIT THRU ROOF. COORDINATE WITH OTHER CONTRACTOR(S) AS REQUIRED.

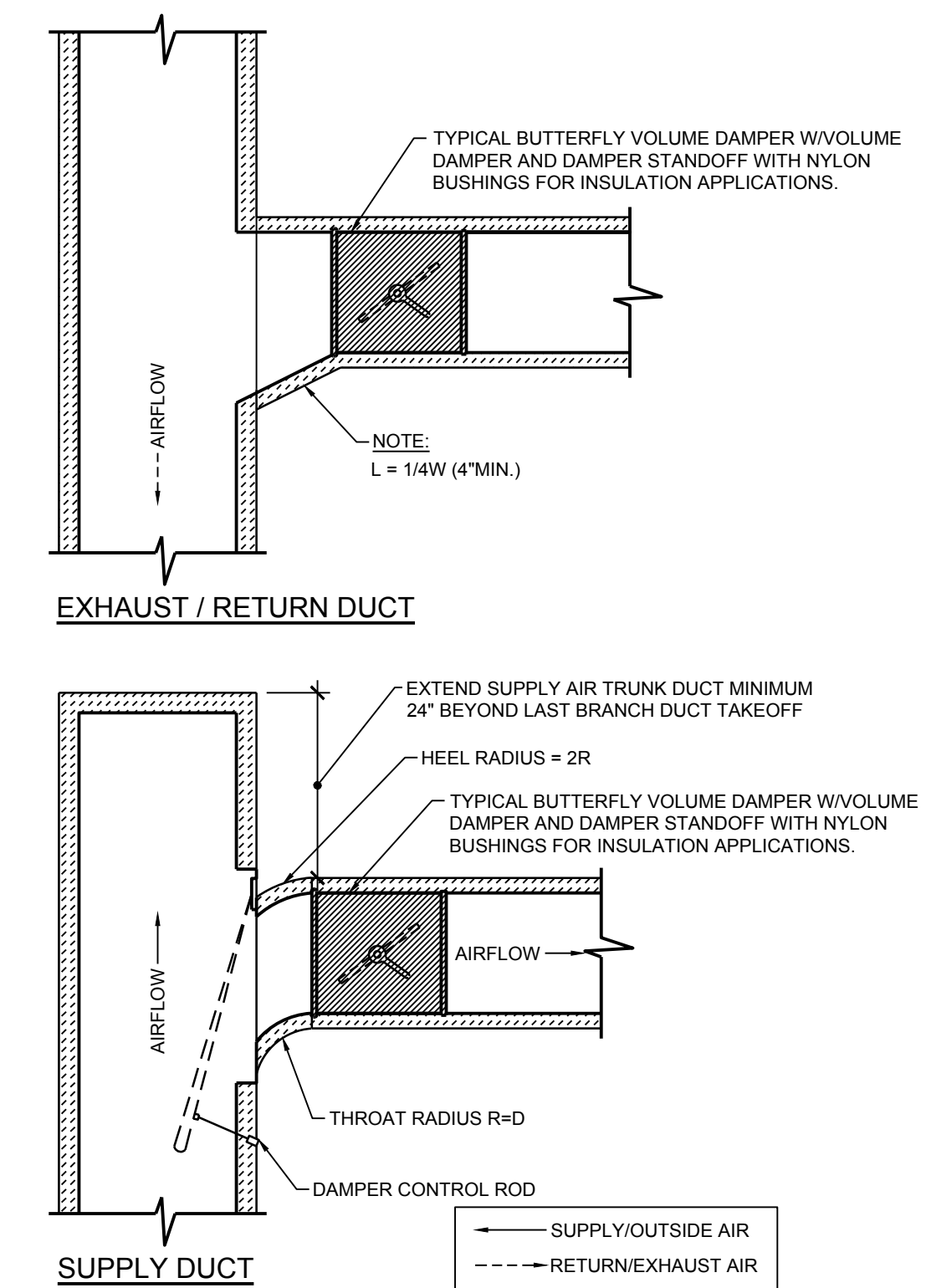
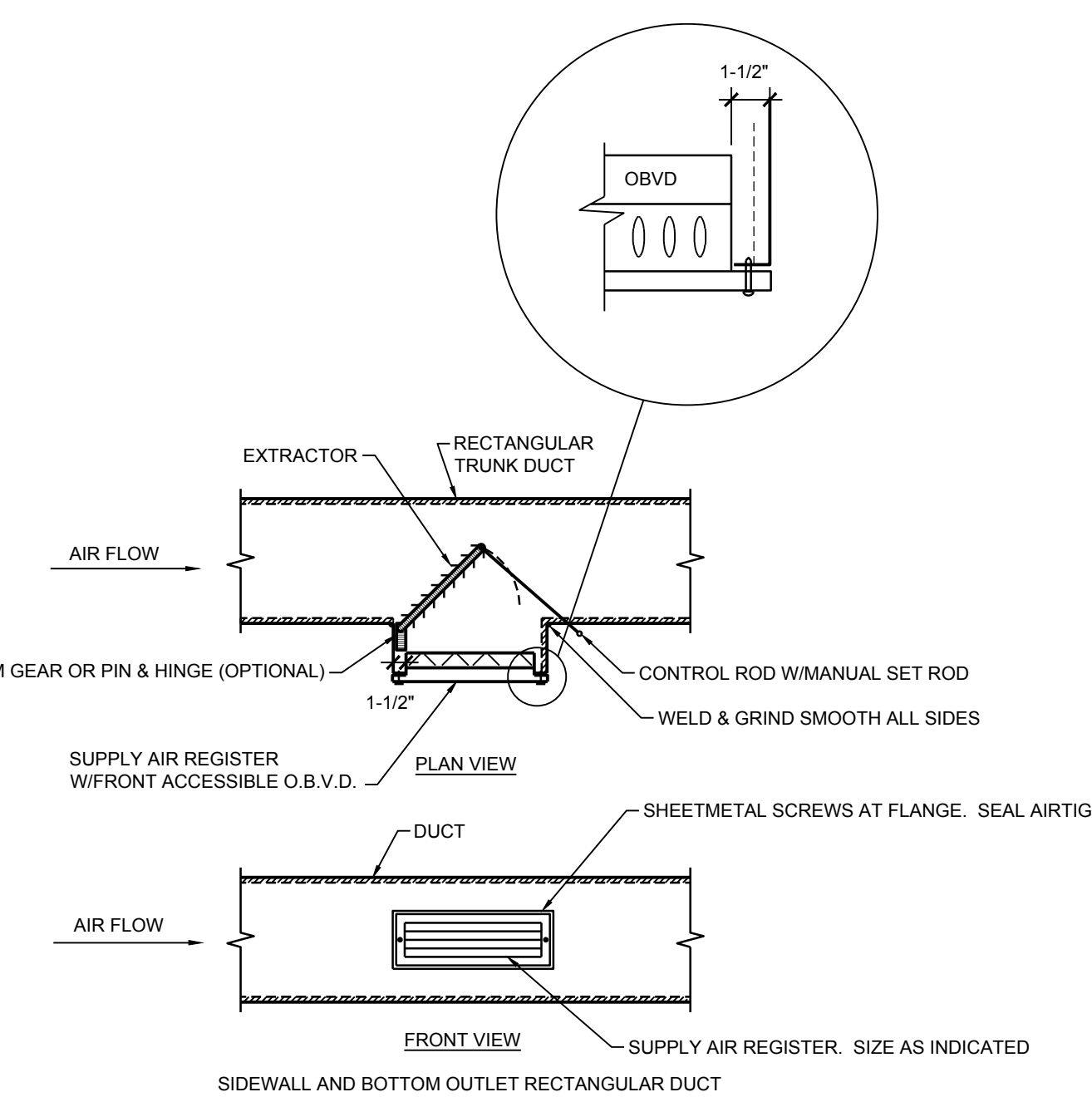
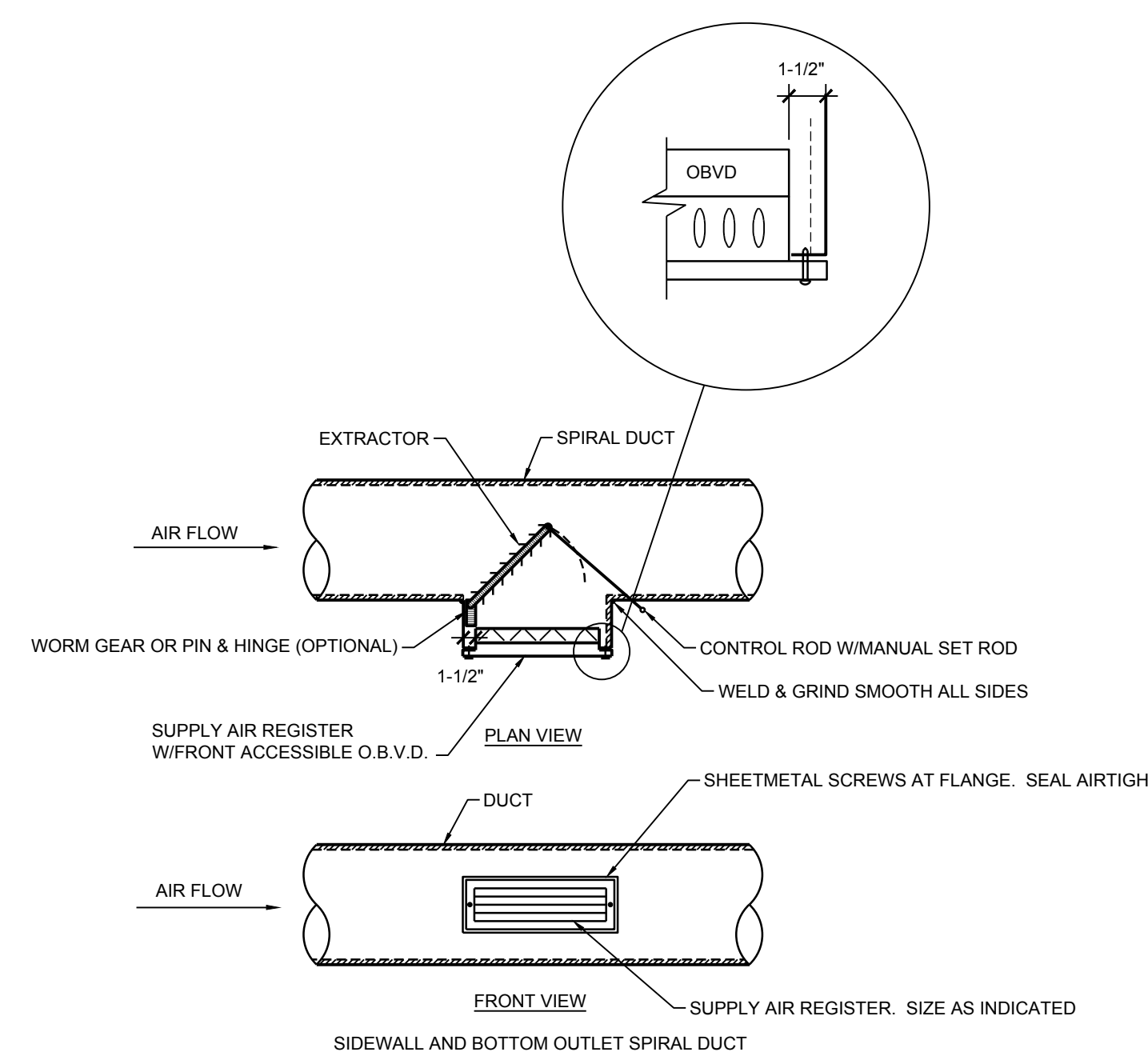
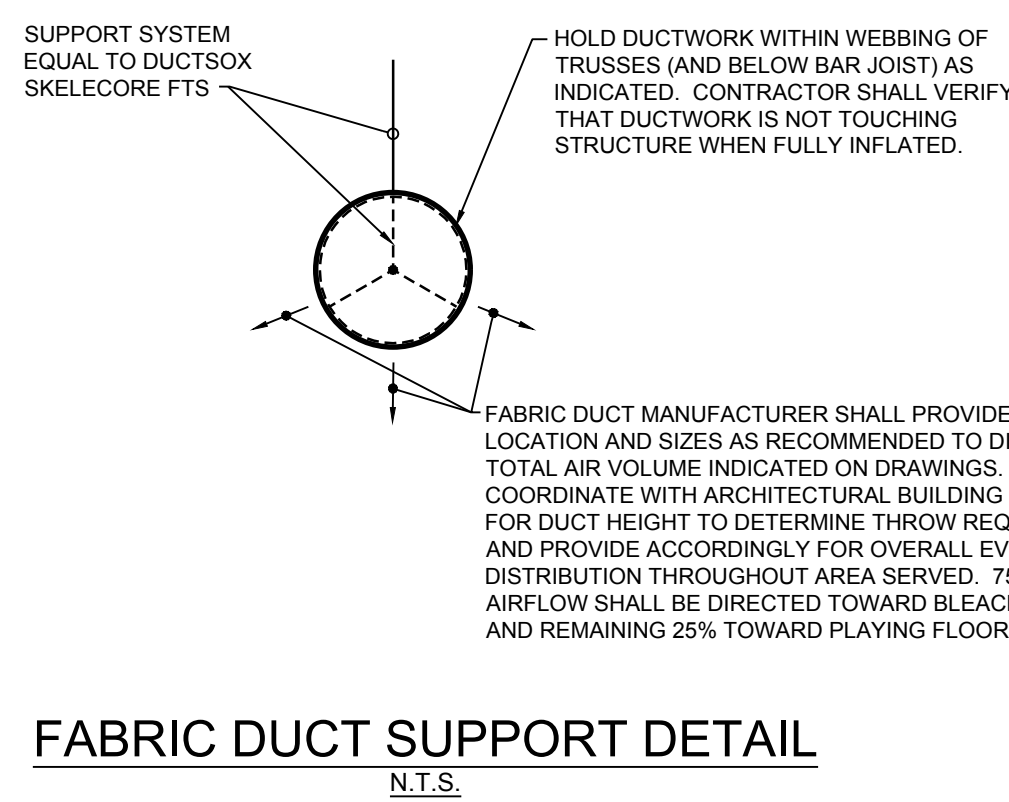
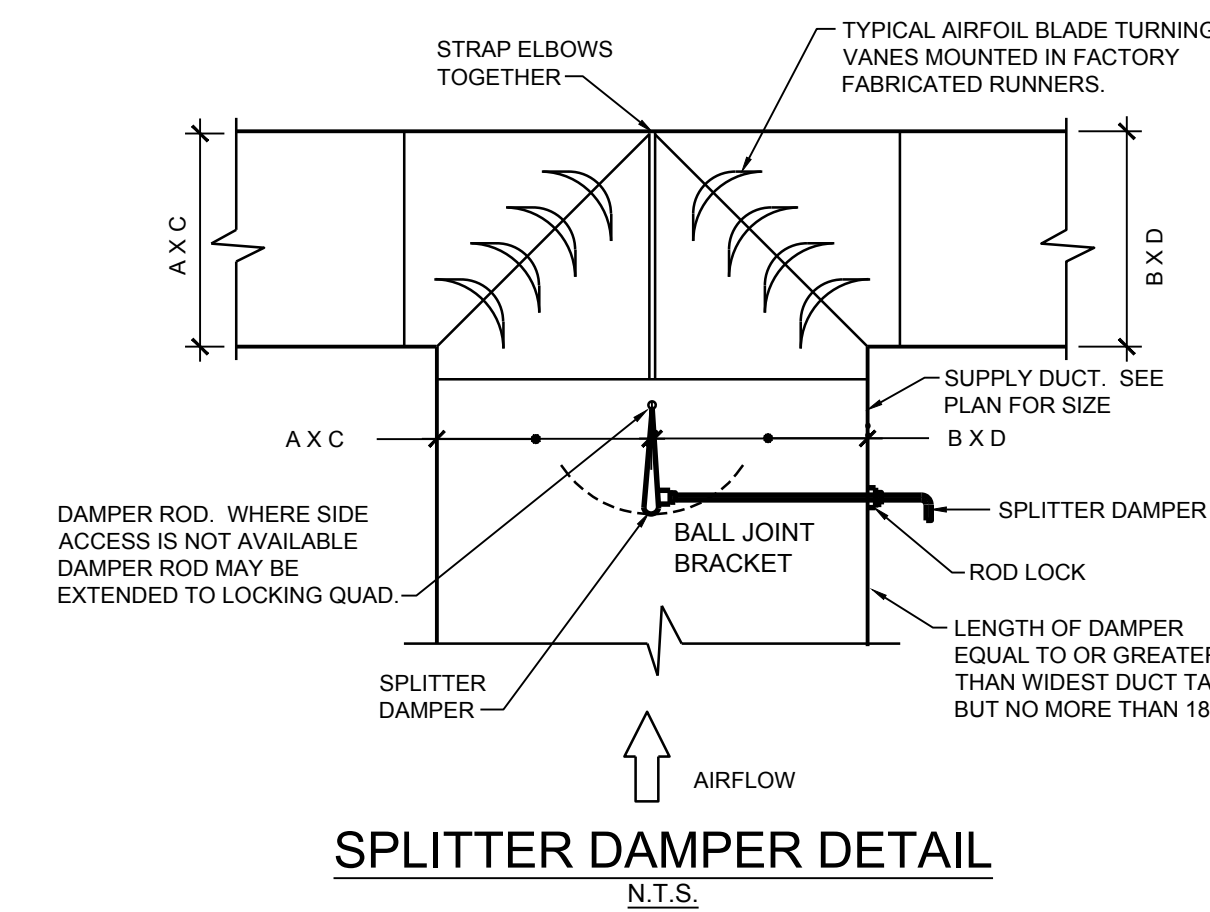
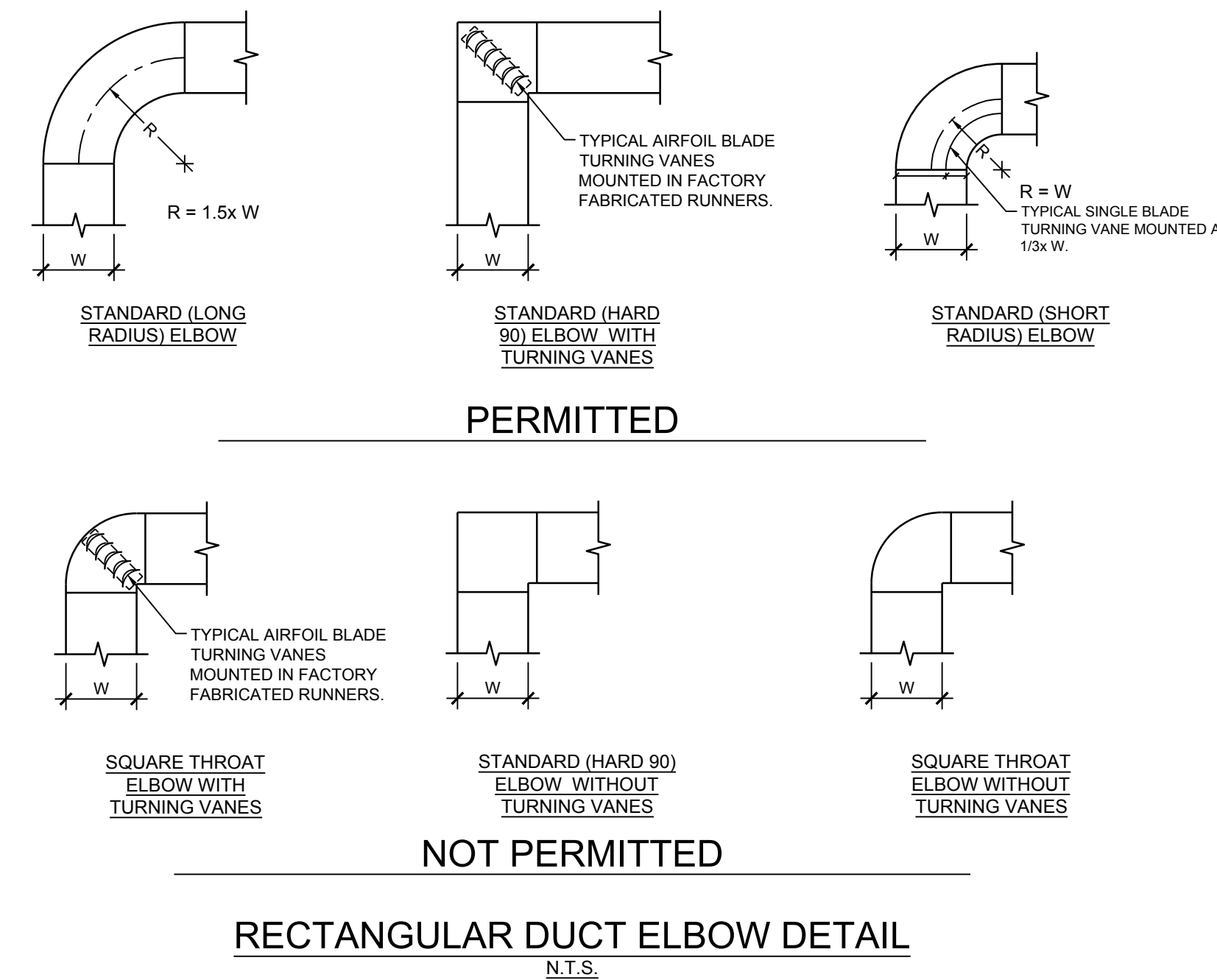


TYPICAL PAD MOUNTED CONDENSING UNIT DETAIL
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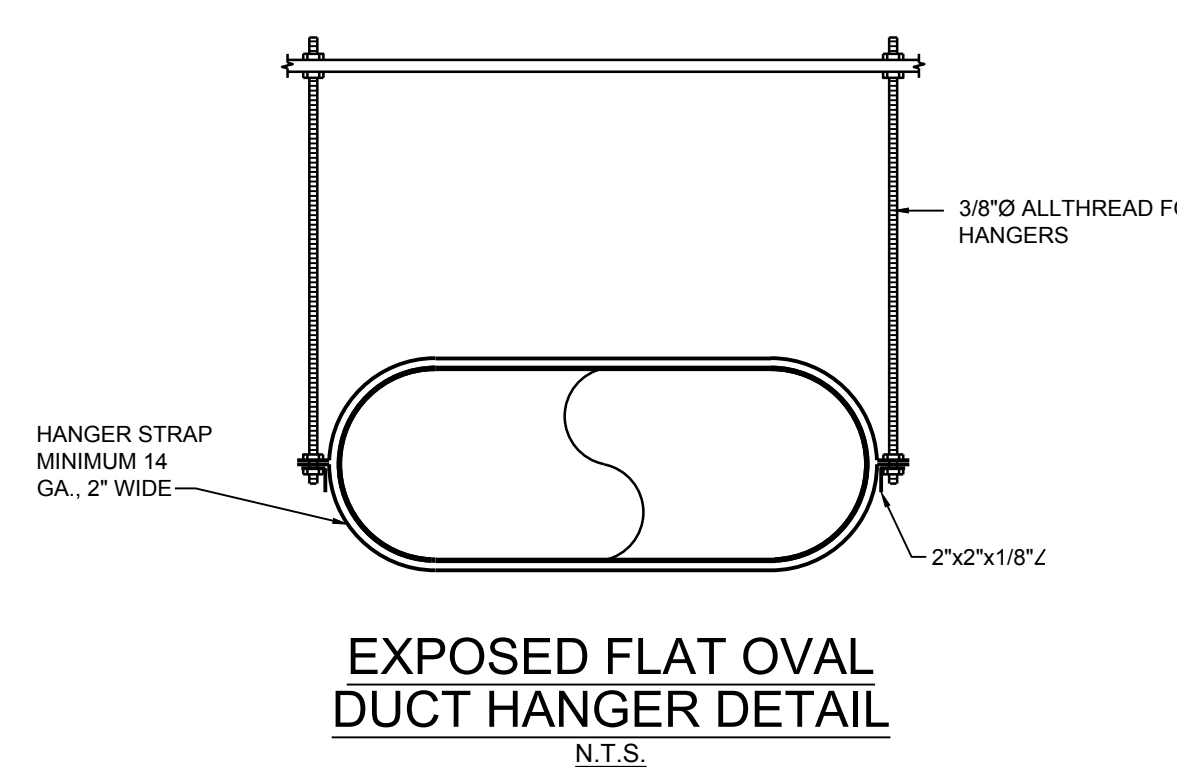
TYPICAL LOW PRESSURE RECTANGULAR TO ROUND DUCT TAKEOFF DETAIL
N.T.S.

NOTE: TAKE-OFF FITTINGS SHALL BE FACTORY FABRICATED SPIN-IN TYPE. NO DOVETAIL FIELD JOINTS OR FITTINGS ARE ALLOWED.



TYPICAL LOW PRESSURE RECTANGULAR TO RECTANGULAR DUCT TAKEOFF DETAIL
N.T.S.

NOTE: TAKE-OFF FITTINGS SHALL BE FACTORY FABRICATED SPIN-IN TYPE. NO DOVETAIL FIELD JOINTS OR FITTINGS ARE ALLOWED.



NOTE: PROVIDE MANUFACTURER'S FACTORY OUTLET COLLARS SIZED ±3" LARGER THAN NECK SIZE OF REGISTER. SEE INSET DETAIL ABOVE.

NOTE: PROVIDE OUTLET COLLARS SIZED ±3" LARGER THAN NECK SIZE OF REGISTER. SEE INSET DETAIL ABOVE.