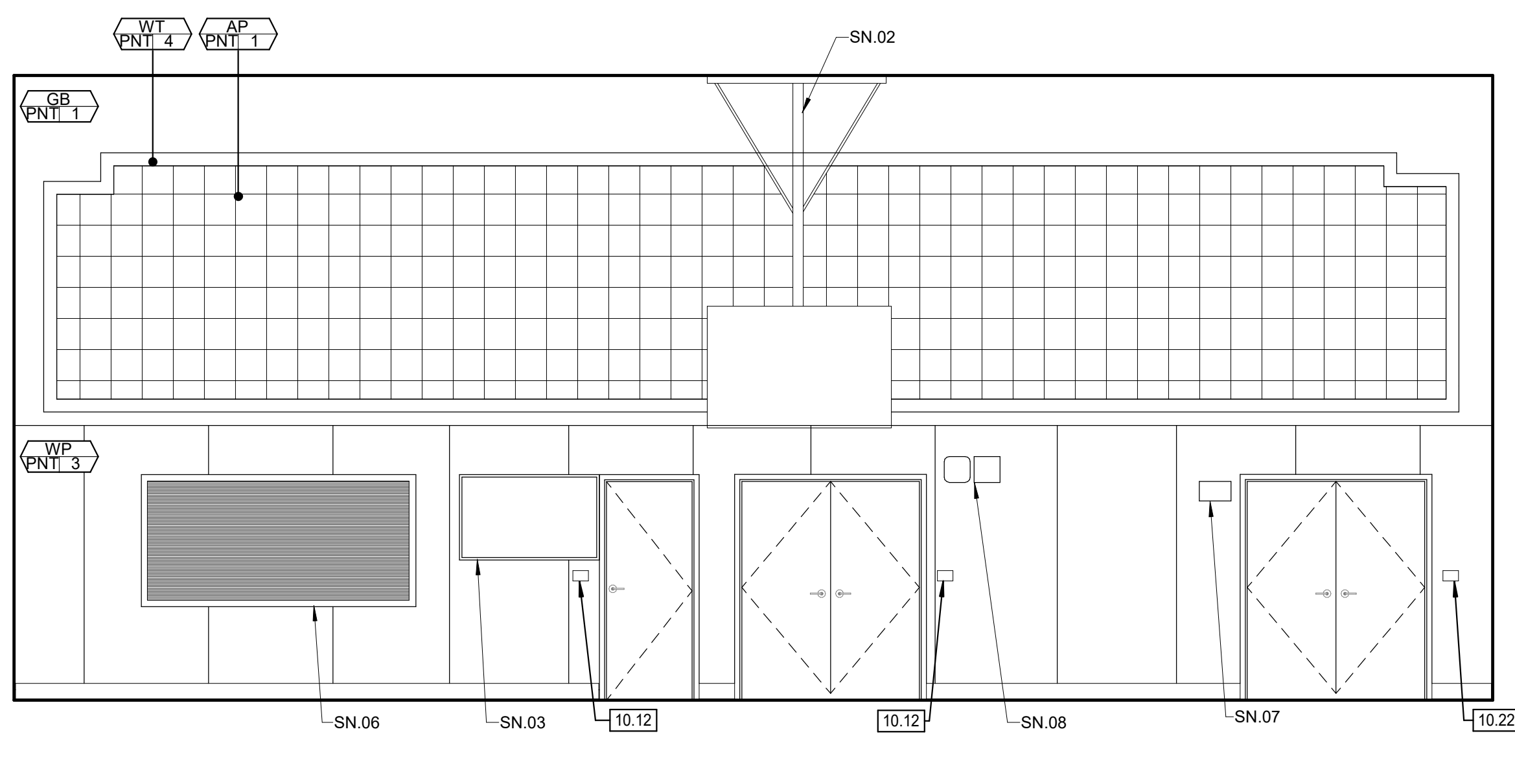
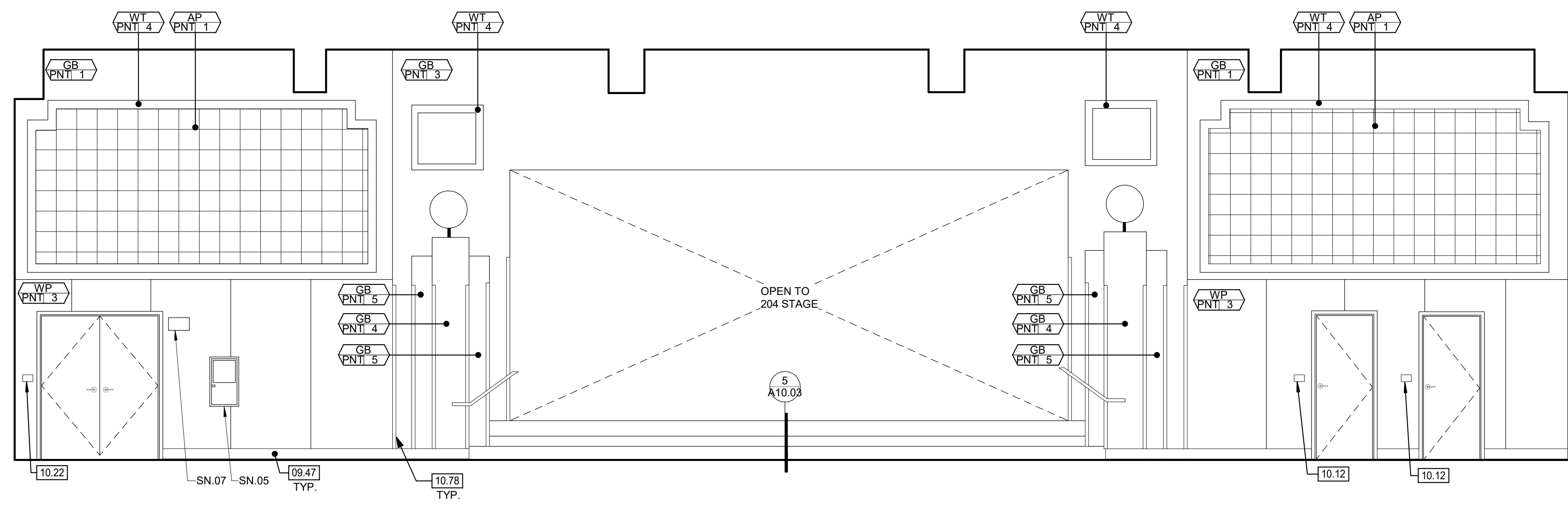
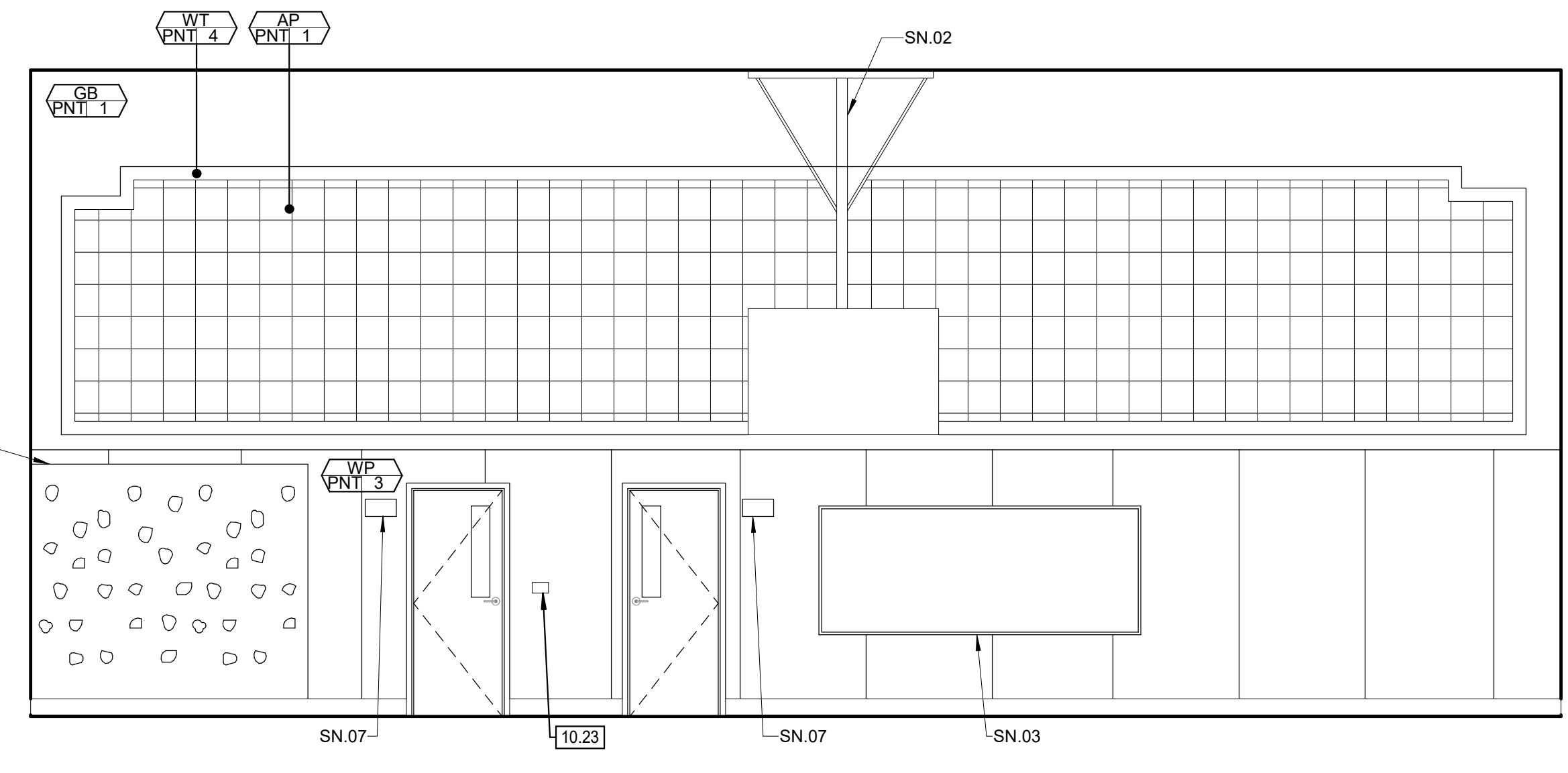
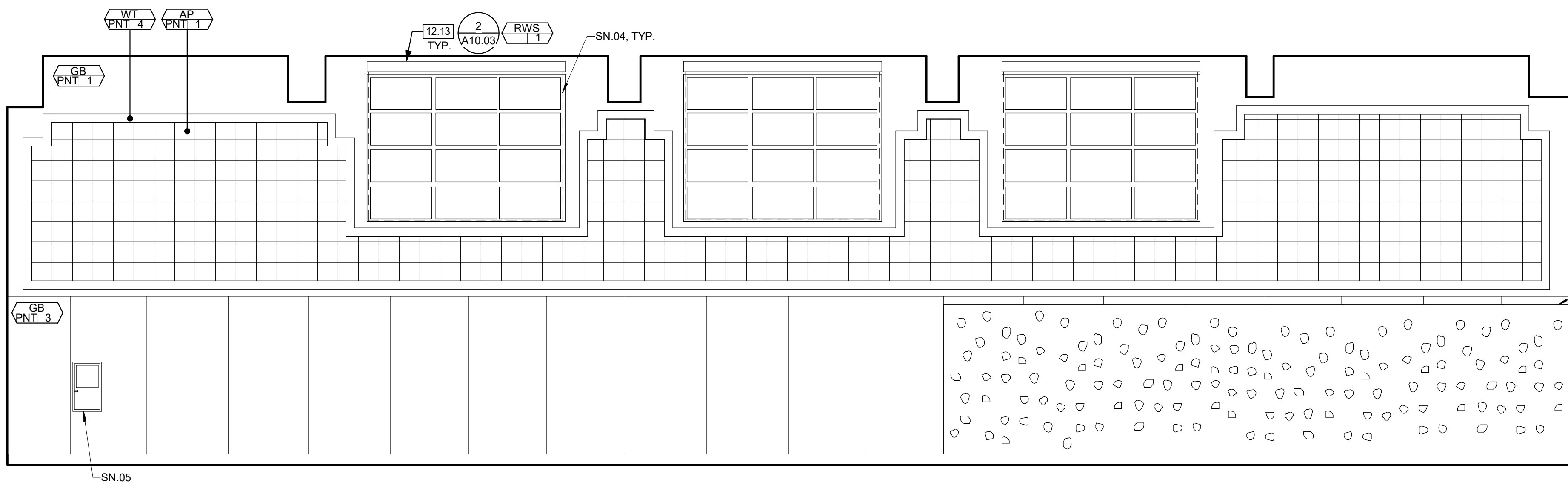


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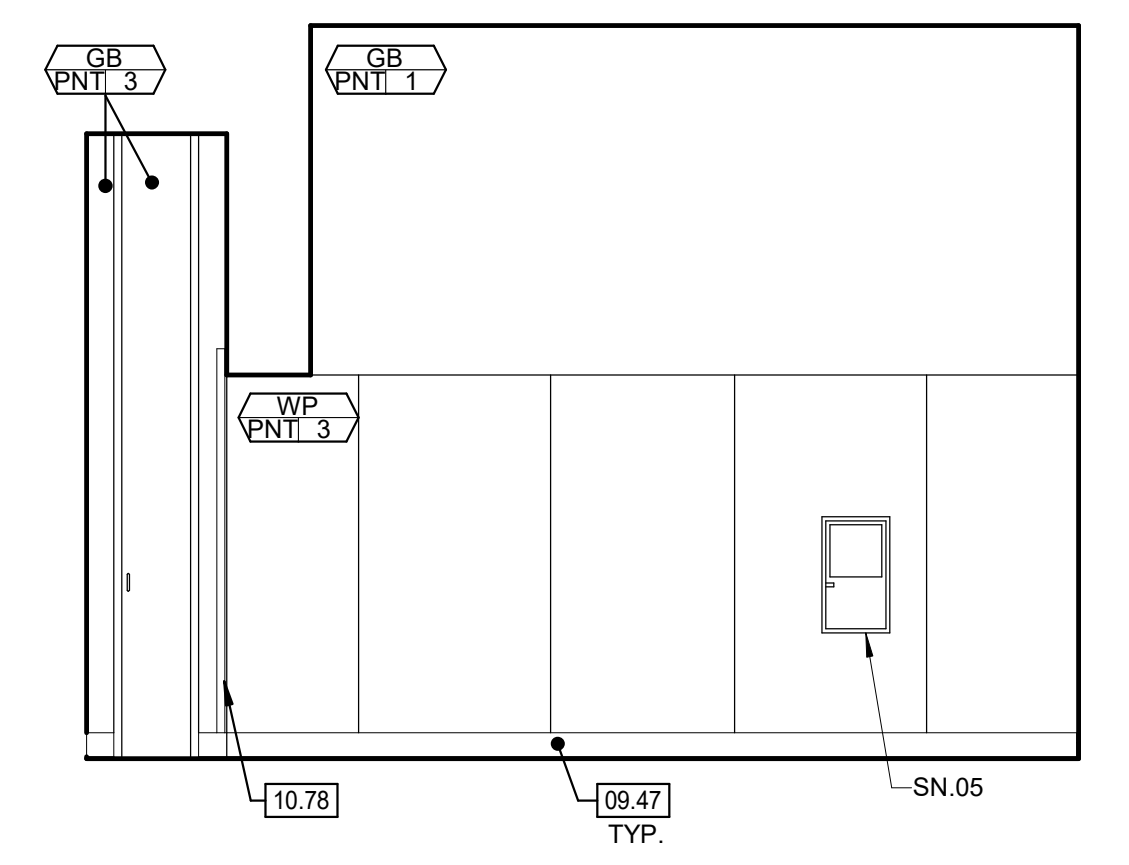
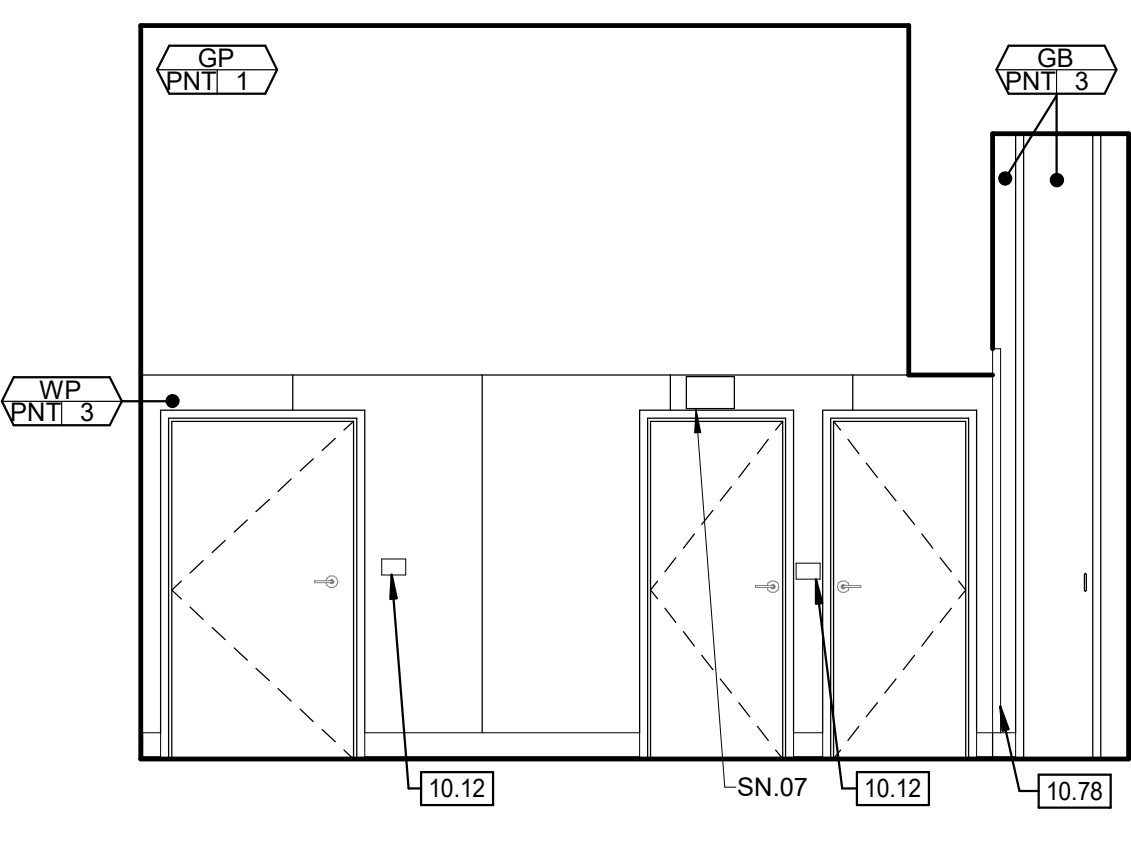
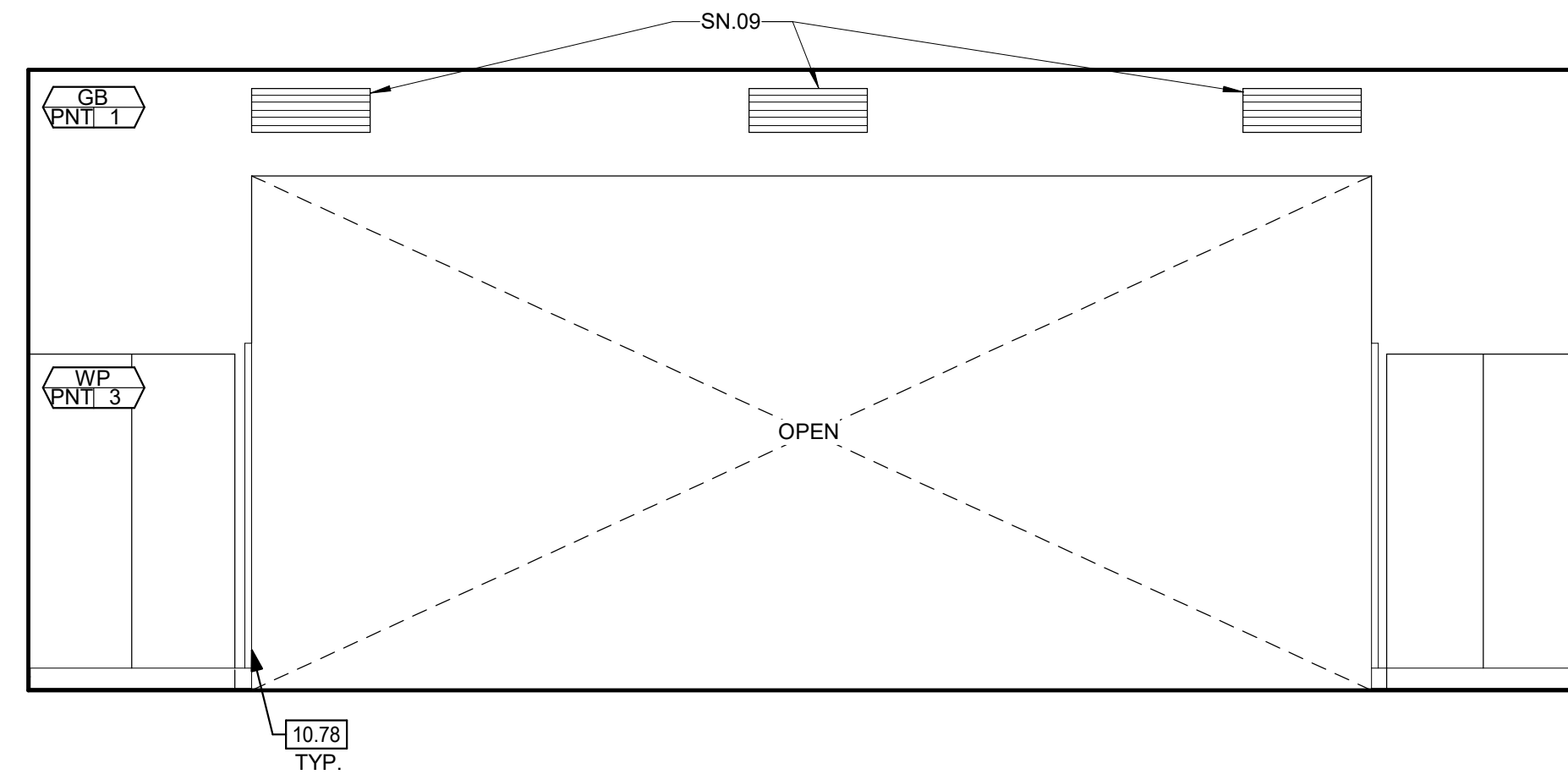
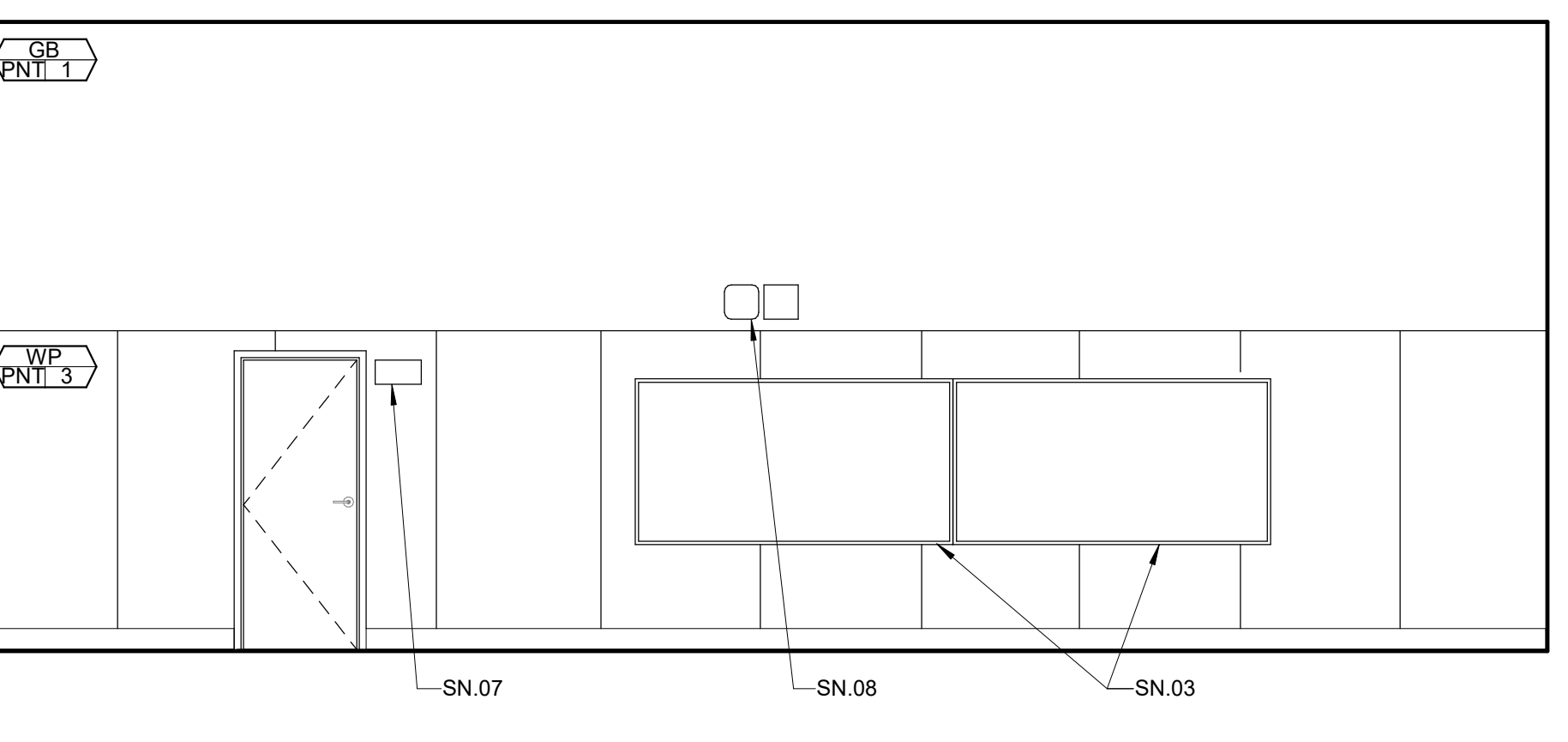
203 MPR 2A

203 MPR 2B



203 MPR 2C

203 MPR 2D



204 STAGE 1A

204 STAGE 1B

204 STAGE 1C

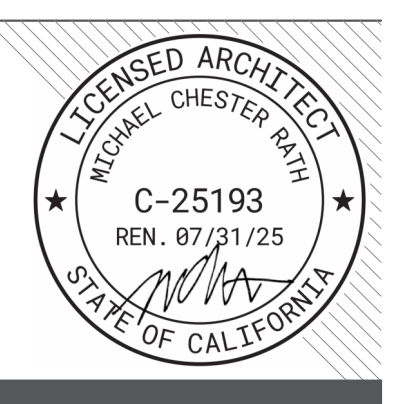
204 STAGE 1D



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| 1     | ADDENDUM #1 | 03/01/2024 |

KEYNOTES

|       |                                       |
|-------|---------------------------------------|
| 09.47 | RESILIENT BASE                        |
| 10.12 | ROOM ID SIGN   8/A10.04               |
| 10.22 | TACTILE "EXIT" SIGN   8/A10.04        |
| 10.23 | TACTILE "EXIT ROUTE" SIGN   8/A10.04  |
| 10.78 | CORNER GUARD - PLASTIC CG1   8/A10.03 |
| 12.13 | MOTORIZED ROLLER SHADE - WALL MOUNTED |

GENERAL NOTES

- PATCH AND REPAIR ANY DAMAGED GYPSUM WALLBOARD PRIOR TO PAINTING
- PATCH AND REGULIE ANY LOOSE WALLCOVERING PRIOR TO PAINTING
- ALL (E) GLUE UP ACOUSTICAL PANELS TO BE PAINTED WITH NON-BRIDGING PAINT
- REMOVE ALL (E) ABANDONED WIRE MOLD
- PROTECT ALL (E) TAGS ON DOORS AND WALLS. DO NOT PAINT.
- PAINT ALL INTERIOR (E) NON-WOOD DOORS AND WINDOW FRAMES (PNT2). (E) WOOD DOORS TO REMAIN AS IS.
- DEMO ALL (E) ROOM ID & RESTROOM SIGNAGE. NEW SIGNAGE TO BE PROVIDED
- ALL (E) CASEWORK TO REMAIN. PROTECT DURING CONSTRUCTION
- ALL (E) SIGNAGE TO BE REPLACED IN THE SAME LOCATION

SHEET NOTES

- SN 01 PROTECT (E) ROCK CLIMBING WALL DURING CONSTRUCTION
- SN 02 (E) BASKETBALL SUPPORTS TO BE DEEP CLEANED
- SN 03 (E) MARKERBOARDS AND TACKBOARDS TO REMAIN. PROTECT DURING CONSTRUCTION
- SN 04 EXTENT OF SHADES SHOWN DASHED
- SN 05 (E) FIRE EXTINGUISHER. PROTECT DURING CONSTRUCTION
- SN 06 PAINT (E) FRAME (PNT2). PROTECT AND DO NOT PAINT (E) ROLL UP DOOR
- SN 07 (E) EXIT SIGN. PROTECT DURING CONSTRUCTION
- SN 08 (E) CLOCK AND SPEAKER. SPEAKER TO BE PROTECTED DURING CONSTRUCTION AND CLOCK TO BE REMOVED. STORED AND REINSTALLED IN SAME LOCATION AFTER CONSTRUCTION
- SN 09 (E) DIFFUSERS TO BE PAINTED TO MATCH THE WALL

FACILITY:  
**MATSUYAMA ELEMENTARY SCHOOL**  
7680 WINDBRIDGE DRIVE  
SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**INTERIOR ELEVATIONS**

**DSA SUBMITTAL**

DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000

SHEET:

**A8.12**

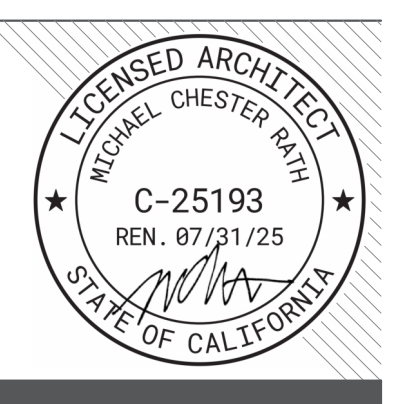
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**KEYNOTES**

|       |                              |
|-------|------------------------------|
| 10.43 | MIRROR, 24X36 (3/4) (10.03)  |
| 10.46 | SOAP DISPENSER   3/4 (10.03) |
| 22.02 | LAVATORY, ACCESSIBLE   PLUMB |
| 22.06 | URINAL, ACCESSIBLE   PLUMB   |

**GENERAL NOTES**

- PATCH AND REPAIR ANY DAMAGED GYPSUM WALLBOARD PRIOR TO PAINTING
- PATCH AND REGLUE ANY LOOSE WALLCOVERING PRIOR TO PAINTING
- ALL (E) GLUE UP ACOUSTICAL PANELS TO BE PAINTED WITH NON-BRIDGING PAINT
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- PAINT ALL INTERIOR (E) NON-WOOD DOORS AND WINDOW FRAMES (PNT2). (E) WOOD DOORS TO REMAIN AS IS.
- DEMO ALL (E) ROOM ID & RESTROOM SIGNAGE. NEW SIGNAGE TO BE PROVIDED
- ALL (E) CASEWORK TO REMAIN. PROTECT DURING CONSTRUCTION
- ALL (E) SIGNAGE TO BE REPLACED IN THE SAME LOCATION

**SHEET NOTES**

- SN.01 ALL (E) TILE TO REMAIN. DEEP CLEAN AND PATCH GROUT AS NEEDED
- SN.02 (E) GYPSUM WALLBOARD TO BE PAINTED (PNT1)

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SHEET:

**A8.13**

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|                      |                                  |                                  |                                  |                                  |
|----------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
|                      |                                  |                                  |                                  |                                  |
|                      | <b>TYPICAL STAFF RESTROOM 2A</b> | <b>TYPICAL STAFF RESTROOM 2B</b> | <b>TYPICAL STAFF RESTROOM 2C</b> | <b>TYPICAL STAFF RESTROOM 2D</b> |
|                      |                                  |                                  |                                  |                                  |
| <b>123 TOILET 4A</b> | <b>123 TOILET 4B</b>             | <b>202 TOILET 3A</b>             | <b>202 TOILET 3B</b>             |                                  |
|                      |                                  |                                  |                                  |                                  |
| <b>123 TOILET 4C</b> | <b>123 TOILET 4D</b>             | <b>202 TOILET 3C</b>             | <b>202 TOILET 3D</b>             |                                  |
|                      |                                  |                                  |                                  |                                  |
| <b>122 TOILET 2A</b> | <b>122 TOILET 2B</b>             | <b>502 TOILET 1A</b>             | <b>502 TOILET 1B</b>             |                                  |
|                      |                                  |                                  |                                  |                                  |
| <b>122 TOILET 2C</b> | <b>122 TOILET 2D</b>             | <b>502 TOILET 1C</b>             | <b>502 TOILET 1D</b>             |                                  |



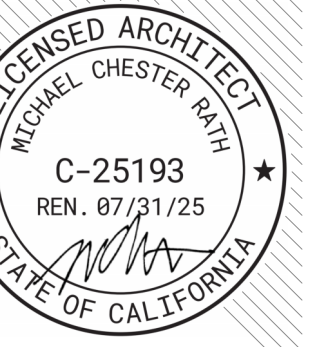
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**KEYNOTES**

09.47 RESILIENT BASE

**GENERAL NOTES**

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- ALL (E) GLUE UP ACOUSTICAL PANELS TO BE PAINTED WITH NON-BRIDGING PAINT
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**SHEET NOTES**

- SN.01 (E) GYPSUM WALLBOARD AND WALLCOVERING TO BE PAINTED
- SN.02 INSTALL RUBBER BASE
- SN.03 (E) MARKERBOARDS AND TACKBOARDS TO REMAIN. PROTECT DURING CONSTRUCTION
- SN.04 (E) ELECTRICAL PANEL, PROTECT DURING CONSTRUCTION
- SN.05 (E) FIRE EXTINGUISHER, PROTECT DURING CONSTRUCTION
- SN.06 (E) CLOCK TO BE REMOVED, STORED AND REINSTALLED IN SAME LOCATION AFTER CONSTRUCTION

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PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**INTERIOR ELEVATIONS**

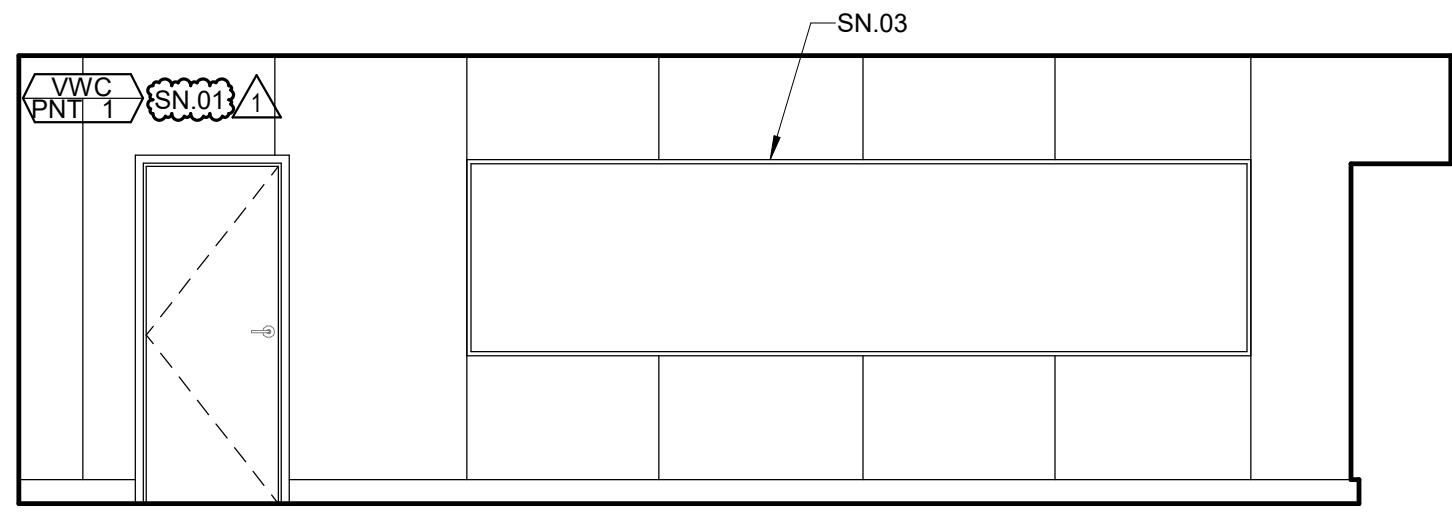
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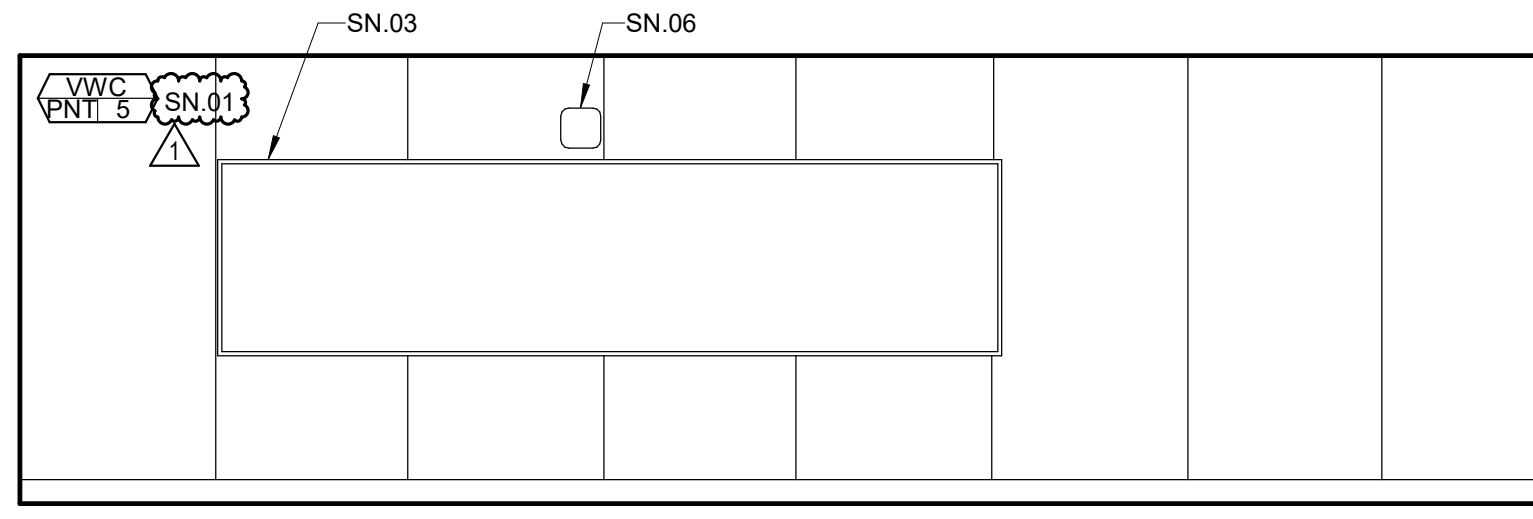
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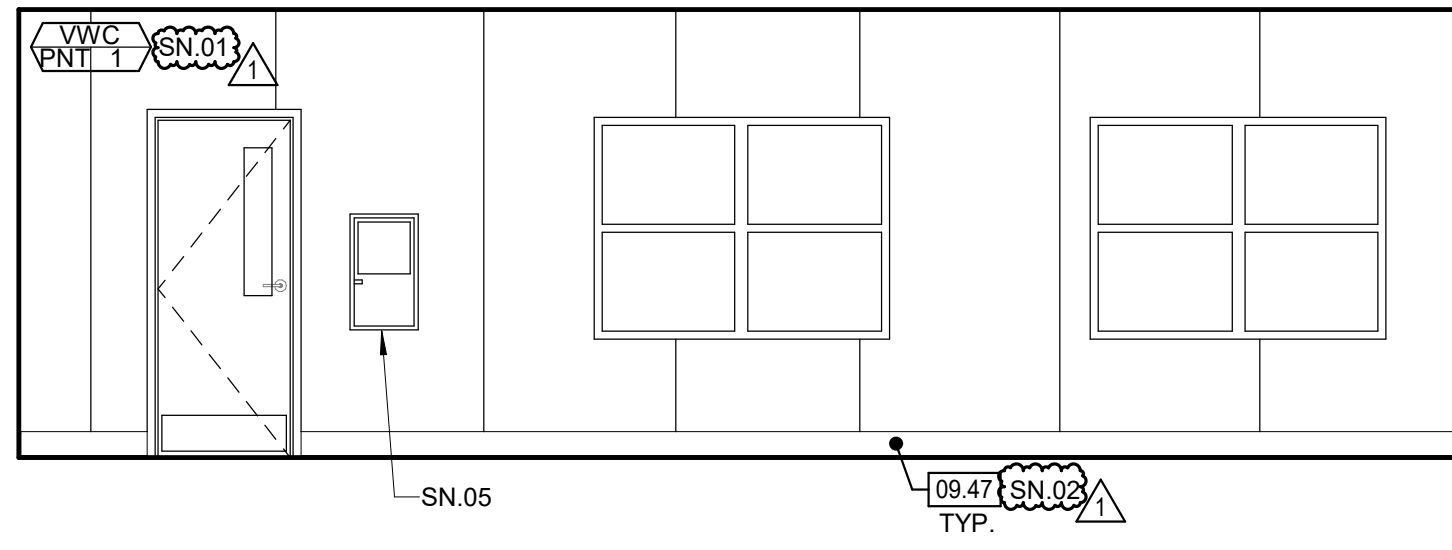
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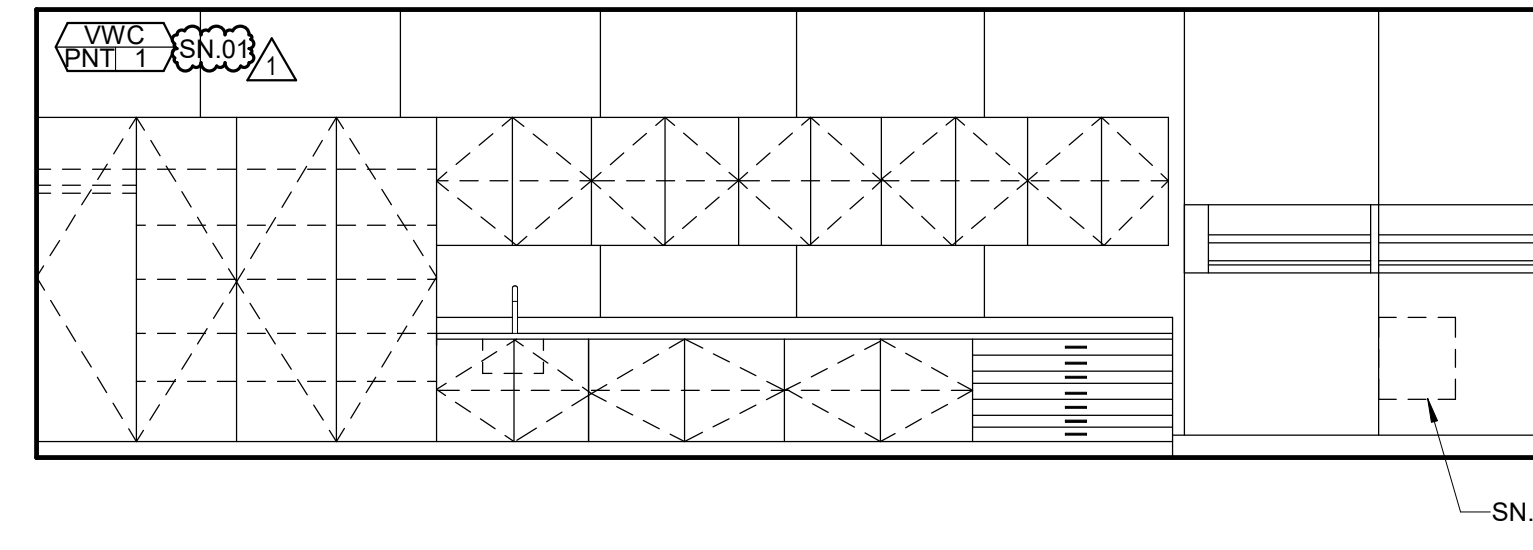
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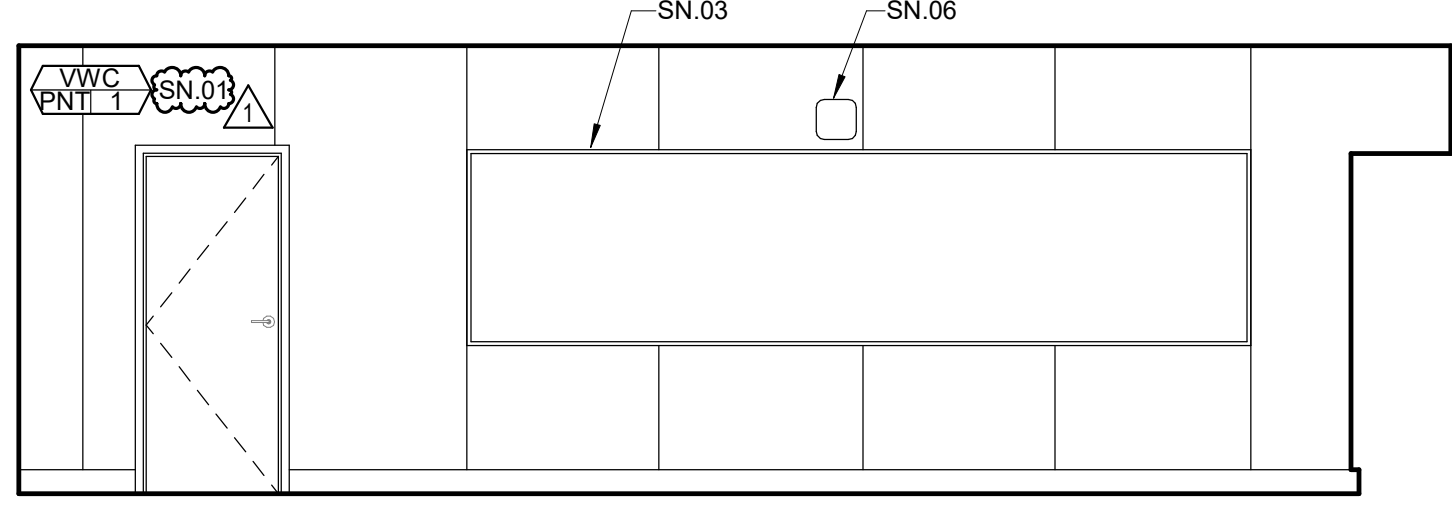
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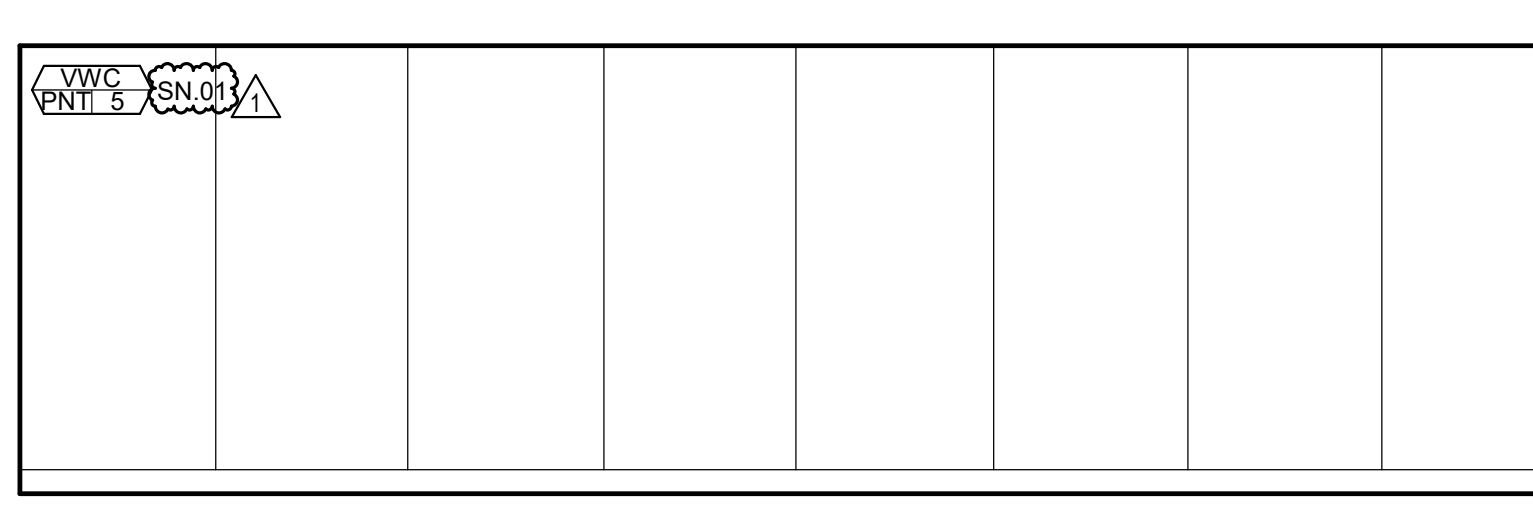
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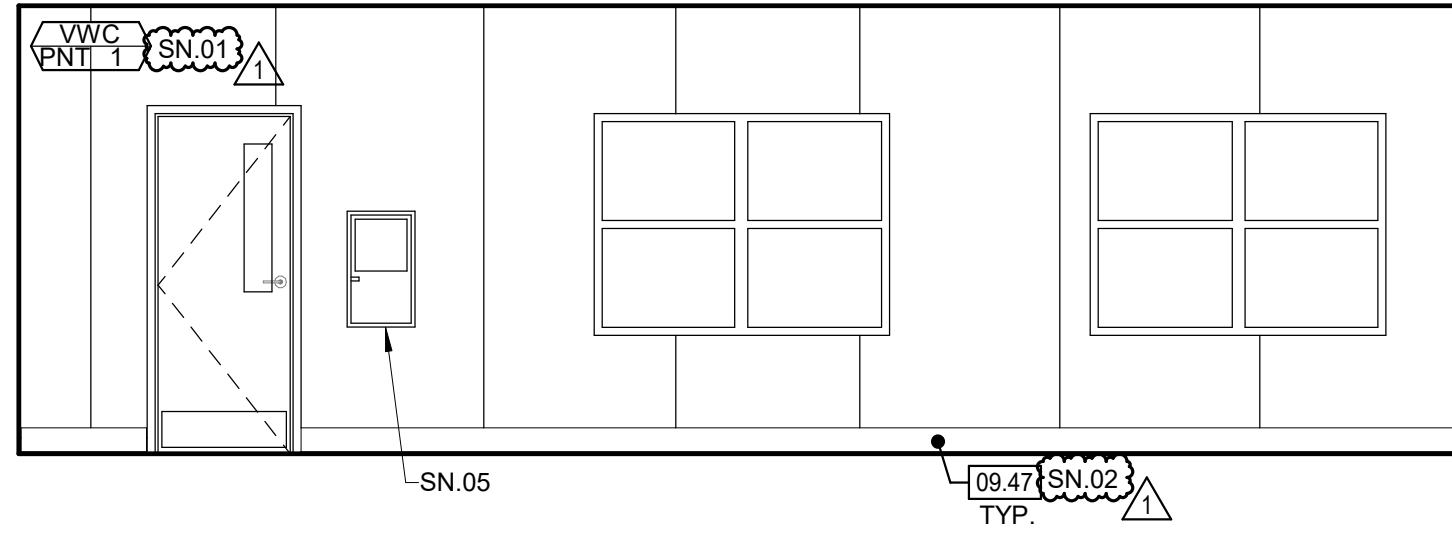
TYPICAL CLASSROOM **2D**



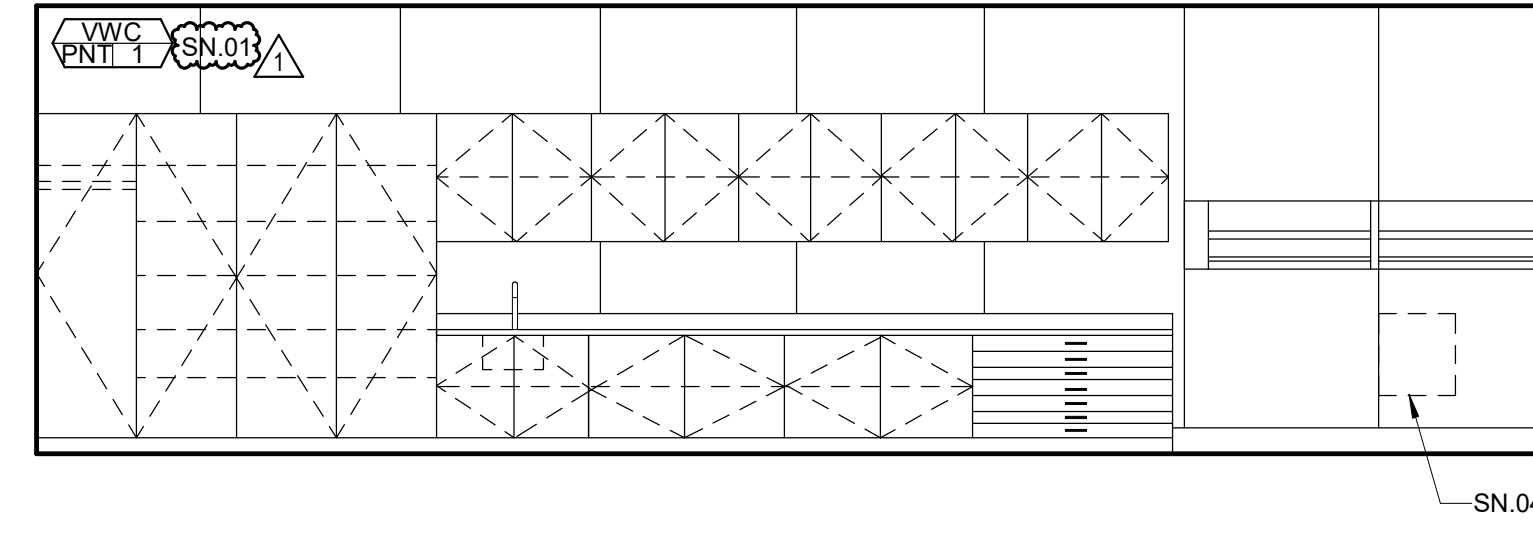
TYPICAL CLASSROOM - FOLDING WALL **1A**



TYPICAL CLASSROOM - FOLDING WALL **1B**



TYPICAL CLASSROOM - FOLDING WALL **1C**



TYPICAL CLASSROOM - FOLDING WALL **1D**

PLEASE RECYCLE



ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED



1

SN.01.PNT1  
PNT2  
SN.07.PNT4  
SN.01.PNT3  
PNT2



2

PROTECT ALL TAGS ON DOORS AND WALLS. DO NOT PAINT.



3

ALL (E) CASEWORK TO REMAIN. PROTECT DURING CONSTRUCTION.

SN.06



4

PAINT ALL INTERIOR AND EXTERIOR (E) NON-WOOD DOORS AND WINDOW FRAMES (PNT2)



5

SN.07.PNT2  
PNT1  
SN.01.PNT1

ALL (E) CASEWORK TO REMAIN. PROTECT DURING CONSTRUCTION, TYP



6

PROTECT ALL TAGS ON DOORS AND WALLS. DO NOT PAINT.

SN.08

SN.03.PNT1  
SN.04



7

SN.11  
SN.03.PNT1



8

SN.10  
SN.12  
SN.04  
PNT2

SN.07.PNT4.TYP  
SN.09



9

SN.02.PNT3  
SN.01.PNT3  
SN.01.PNT4  
SN.01.PNT5

SN.02.PNT1  
SN.01.PNT1

SN.05



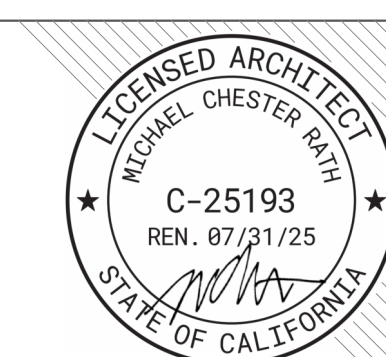
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| 1 ADDENDUM #1 | 03/01/2024 |

**PAINT COLOR**

- PNT1 DUNN EDWARDS - BALL OF STRING (#DE6190)
- PNT2 DUNN EDWARDS - JET (#DE6378)
- PNT3 DUNN EDWARDS - ICE GRAY (#DE6790)
- PNT4 DUNN EDWARDS - SPRING JUNIPER (#DEA128)
- PNT5 DUNN EDWARDS - KALE (#DE5585)

**GENERAL NOTES**

1. PATCH AND REPAIR ANY DAMAGED GYPSUM WALLBOARD PRIOR TO PAINTING, AS NEEDED
2. PATCH AND REGLOUE ANY LOOSE WALLCOVERING PRIOR TO PAINTING
3. ALL (E) GLUE UP ACOUSTICAL PANELS TO BE PAINTED WITH NON-BRIDGING PAINT
4. REMOVE ALL (E) ABANDONED WIRE MOLD
5. PROTECT ALL (E) TAGS ON DOORS AND WALLS. DO NOT PAINT.
6. PAINT ALL INTERIOR AND EXTERIOR (E) NON-WOOD DOORS AND WINDOW FRAMES (PNT2). (E) WOOD DOORS TO REMAIN AS IS. DEMO ALL (E) ROOM ID & RESTROOM SIGNAGE. NEW SIGNAGE TO BE PROVIDED
7. ALL (E) CASEWORK TO REMAIN. PROTECT DURING CONSTRUCTION
8. ALL (E) SIGNAGE TO BE REPLACED IN THE SAME LOCATION
9. ALL (E) WALL MOUNTED EQUIPMENT TO BE REMOVED, STORED, AND REINSTALLED IN THE SAME LOCATION AFTER CONSTRUCTION U.N.O.

**SHEET NOTES**

- SN.01 (E) GYPSUM WALLBOARD AND WALLCOVERING TO BE PAINTED
- SN.02 (E) GYPSUM WALLBOARD CEILING TO BE PAINTED
- SN.03 (E) GRID AND DIFFUSERS AND INSTALL LAY-IN CEILING TILES
- SN.04 (E) MARKERBOARDS TO REMAIN. PROTECT DURING CONSTRUCTION
- SN.05 (E) TILE TO REMAIN. DEEP CLEAN AND PATCH GROUT AS NEEDED
- SN.06 (E) IDF BOX. PROTECT DURING CONSTRUCTION
- SN.07 (E) WOOD TRIM TO BE PAINTED
- SN.08 (E) DISPLAY CASES TO BE REMOVED, STORED, & REINSTALLED IN THE SAME LOCATION
- SN.09 PROTECT (E) ROCK CLIMBING WALL DURING CONSTRUCTION
- SN.10 (E) CLOCK TO BE REMOVED, STORED AND REINSTALLED IN SAME LOCATION AFTER CONSTRUCTION
- SN.11 (E) HAND SANITIZER DISPENSER TO BE REMOVED, STORED, AND REINSTALLED IN SAME LOCATION AFTER CONSTRUCTION
- SN.12 (E) PROJECTION SCREEN TO BE REMOVED, STORED, AND REINSTALLED IN SAME LOCATION AFTER CONSTRUCTION

FACILITY:  
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SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**INTERIOR IMAGES**

**DSA SUBMITTAL**

DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000  
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**INTERIOR FINISHES**

**PAINTING**

|      |  |
|------|--|
| PNT1 | PAIN T COLOR 1<br>COLOR: TO MATCH DUNN-EDWARDS "BALL OF STRING" (#DE6190)<br>LOCATION: (E) GYPSUM WALLBOARD CEILINGS, (E) T-BAR GRID AND DIFFUSERS<br>GLUE UP ACOUSTICAL PANELS (U.N.O.), SEE DRAWINGS |
| PNT2 | PAIN T COLOR 2<br>COLOR: TO MATCH DUNN-EDWARDS "JET" (#DE6378)<br>LOCATION: INTERIOR DOOR & WINDOW FRAMES  |
| PNT3 | PAIN T COLOR 3<br>COLOR: TO MATCH DUNN-EDWARDS "ICE GRAY" (#DEC790)<br>LOCATION: SEE DRAWINGS  |
| PNT4 | PAIN T COLOR 4<br>COLOR: TO MATCH DUNN-EDWARDS "SPRING JUNIPER" (#DEA128)<br>LOCATION: SEE DRAWINGS  |
| PNT5 | PAIN T COLOR 5<br>COLOR: TO MATCH DUNN-EDWARDS "KALE" (#DE5585)<br>LOCATION: SEE DRAWINGS  |

**RESILIENT BASE AND ACCESSORIES**

|      |   |
|------|---|
| RB1  | RUBBER BASE<br>MANUFACTURER: BURKE<br>STYLE: BURKEBASE TYPE TP<br>MATERIAL: TBD<br>PROFILE: TBD<br>COLOR: 701 BLACK<br>FINISH: TBD<br>LOCATION: 4" AT CASEWORK, 6" AT WALLS.                    |
| STR1 | STAIR TREADS & RISERS<br>MANUFACTURER:<br>STYLE:<br>TREADS:<br>TREADS MATERIAL:<br>TREADS RUBBER COLOR:<br>TREADS VI STRIP INSERT COLOR:<br>RISERS:<br>RISERS MATERIAL:<br>RISERS RUBBER COLOR: |

**RESILIENT FLOORING: RUBBER**

|    |   |
|----|---|
| R1 | RUBBER<br>MANUFACTURER: NORA<br>STYLE: NORAMENT GRANO RTX<br>COLOR: FENJGREEK (#5307)<br>THICKNESS: 3.5MM<br>LOCATION: SEE PLANS        |
| R2 | RUBBER<br>MANUFACTURER: NORA<br>STYLE: NORAMENT GRANO RTX<br>COLOR: ARBORATIVE (#5328)<br>THICKNESS: 3.5MM<br>LOCATION: MPR (STRIPPING) |
| R3 | RUBBER<br>MANUFACTURER: NORA<br>STYLE: NORAMENT GRANO RTX<br>COLOR: MYRRH (#5308)<br>THICKNESS: 3.5MM<br>LOCATION: MPR (STRIPPING)      |

**RESILIENT FLOORING: SHEET VINYL**

|       |  |
|-------|--|
| SV1   | SHEET VINYL<br>MANUFACTURER:   |
| SVCB1 | STYLE:<br>COLOR:<br>FINISH:<br>THICKNESS:<br>LOCATION: SEE PLANS<br>NOTE: 6" INTEGRAL COVE BASE TO HAVE MIN. 3/8" RADIUS (SVCB1) |

**RESILIENT FLOORING: SOLID VINYL FLOOR TILE (LVT)**

|      |   |
|------|---|
| LVT1 | SOLID VINYL TILE<br>MANUFACTURER: TARKETT<br>STYLE: ID LATTICE - WOOD<br>COLOR: 7542 HAZELWOOD<br>FINISH: TECHTONIC<br>WEAR LAYER THICKNESS: 0.020" (0.5MM)<br>SIZE: TBD<br>LOCATION: SEE PLANS |
|------|---|

**RESINOUS FLOORING**

|        |  |
|--------|--|
| RSN1   | RESINOUS EPOXY FLOORING<br>MANUFACTURER: TBD   |
| RSNCB1 | STYLE: TBD<br>COLOR: TBD<br>FINISH: TECHTONIC<br>NOTE: 6" INTEGRAL COVE BASE TO HAVE MIN. 3/8" RADIUS (RSNCB1) |

**ROLLER WINDOW SHADES (MOTORIZED)**

|      |   |
|------|---|
| RWS1 | SHADECLOTH (VISUALLY TRANSPARENT)<br>MANUFACTURER: MECHOSHADE<br>STYLE: TBD<br>OPEN FACTOR: TBD<br>THICKNESS:<br>WEAVE:<br>COLOR: TBD<br>MOTORIZED SHADE SYSTEM: WHISPERSHADE IQ2.EDU<br>LOCATION: MPR, SEE INTERIOR ELEVATIONS |
|------|---|

**SHEET CARPETING**

|      |  |
|------|--|
| CPT1 | SHEET CARPETING<br>MANUFACTURER: TARKETT<br>STYLE: DOUBLE DOUCLE (#A0010)<br>COLOR: SUMMER SHADOW (#74204)<br>BACKING: TBD<br>INSTALLATION: TBD<br>LOCATION: SEE FINISH PLAN |
|------|--|

**THEATRICAL CURTAINS**

|      |   |
|------|---|
| THC1 | THEATRICAL CURTAIN<br>MANUFACTURER: JB MARTIN<br>STYLE: #2703 OVERTRUE<br>WEIGHT: 21 OZ. MINIMUM<br>COLOR: 7524 OLD JADE<br>LOCATION: FRONT SETTING VALANCE AND FRONT CURTAIN |
| THC2 | THEATRICAL CURTAIN<br>MANUFACTURER: JB MARTIN<br>STYLE: #2703 OVERTRUE<br>WEIGHT: 18 OZ. MINIMUM<br>COLOR: 7001 BLACK<br>LOCATION: CYCLOPAMA                                  |

**TILING**

|     |   |
|-----|---|
| GR1 | GROUT<br>MANUFACTURER: TBD<br>COLOR: TO MATCH EXISTING<br>LOCATION: RESTROOMS |
|-----|---|

**WALK-OFF CARPETING**

|       |   |
|-------|---|
| WCPT1 | WALK-OFF CARPETING<br>MANUFACTURER: TARKETT<br>STYLE: ASSERTIVE ACTION (#04837)<br>COLOR: WEATHERED PATINA (#28216)<br>BACKING: TBD<br>INSTALLATION:<br>LOCATION: SEE PLANS |
|-------|---|

**WALL AND DOOR PROTECTION**

|     |  |
|-----|--|
| CG1 | VINYL CORNER GUARD<br>MANUFACTURER: INPRO ARCHITECTURAL PRODUCTS<br>STYLE: LOW PROFILE NO TAPE CORNER GUARD<br>MATERIAL: RIGID VINYL<br>SIZE: 3" LEG X 8" HEIGHT<br>THICKNESS: 0.080" (2MM)<br>COLOR: FEATHER (#6238)<br>INSTALLATION: ADHESIVE<br>LOCATION: SEE INTERIOR ELEVATIONS |
| CG2 | VINYL CORNER GUARD<br>MANUFACTURER: INPRO ARCHITECTURAL PRODUCTS<br>STYLE: LOW PROFILE NO TAPE CORNER GUARD<br>MATERIAL: STAINLESS STEEL<br>SIZE: 3 1/2" LEG X 8" HEIGHT<br>THICKNESS: 0.080" (2MM)<br>COLOR: STAINLESS STEEL<br>INSTALLATION: ADHESIVE<br>LOCATION: KITCHEN         |

**EXTERIOR FINISHES**

**PAINTING**

|       |  |
|-------|--|
| EPNT1 | EXTERIOR PAINT COLOR 1<br>COLOR: TO MATCH DUNN-EDWARDS "TBD"<br>LOCATION: SEE DRAWINGS                           |
| EPNT2 | EXTERIOR PAINT COLOR 2<br>COLOR: TO MATCH DUNN-EDWARDS "TBD"<br>LOCATION: SEE DRAWINGS                           |
| EPNT3 | EXTERIOR PAINT COLOR 3<br>COLOR: TO MATCH DUNN-EDWARDS "EBD"<br>LOCATION: EXTERIOR REVEALS, DOOR & WINDOW FRAMES |
| EPNT4 | EXTERIOR PAINT COLOR 4<br>COLOR: TO MATCH DUNN-EDWARDS "TBD"<br>LOCATION: SEE DRAWINGS                           |
| EPNT5 | EXTERIOR PAINT COLOR 5<br>COLOR: TO MATCH DUNN-EDWARDS "TBD"<br>LOCATION: SEE DRAWINGS                           |
| EPNT6 | EXTERIOR PAINT COLOR 6<br>COLOR: TO MATCH DUNN-EDWARDS "EBD"<br>LOCATION: SEE DRAWINGS                           |

**TILING**

|      |   |
|------|---|
| EGR1 | EXTERIOR GROUT<br>COLOR: TO MATCH EXISTING<br>LOCATION: SEE EXTERIOR ELEVATIONS |
|------|---|



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**ISSUE**

| DESCRIPTION   | DATE       |
|---------------|------------|
| 1 ADDENDUM #1 | 03/01/2024 |

FACILITY:  
**MATSUYAMA ELEMENTARY SCHOOL**  
7680 WINDBRIDGE DRIVE  
SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**FINISH SCHEDULE**

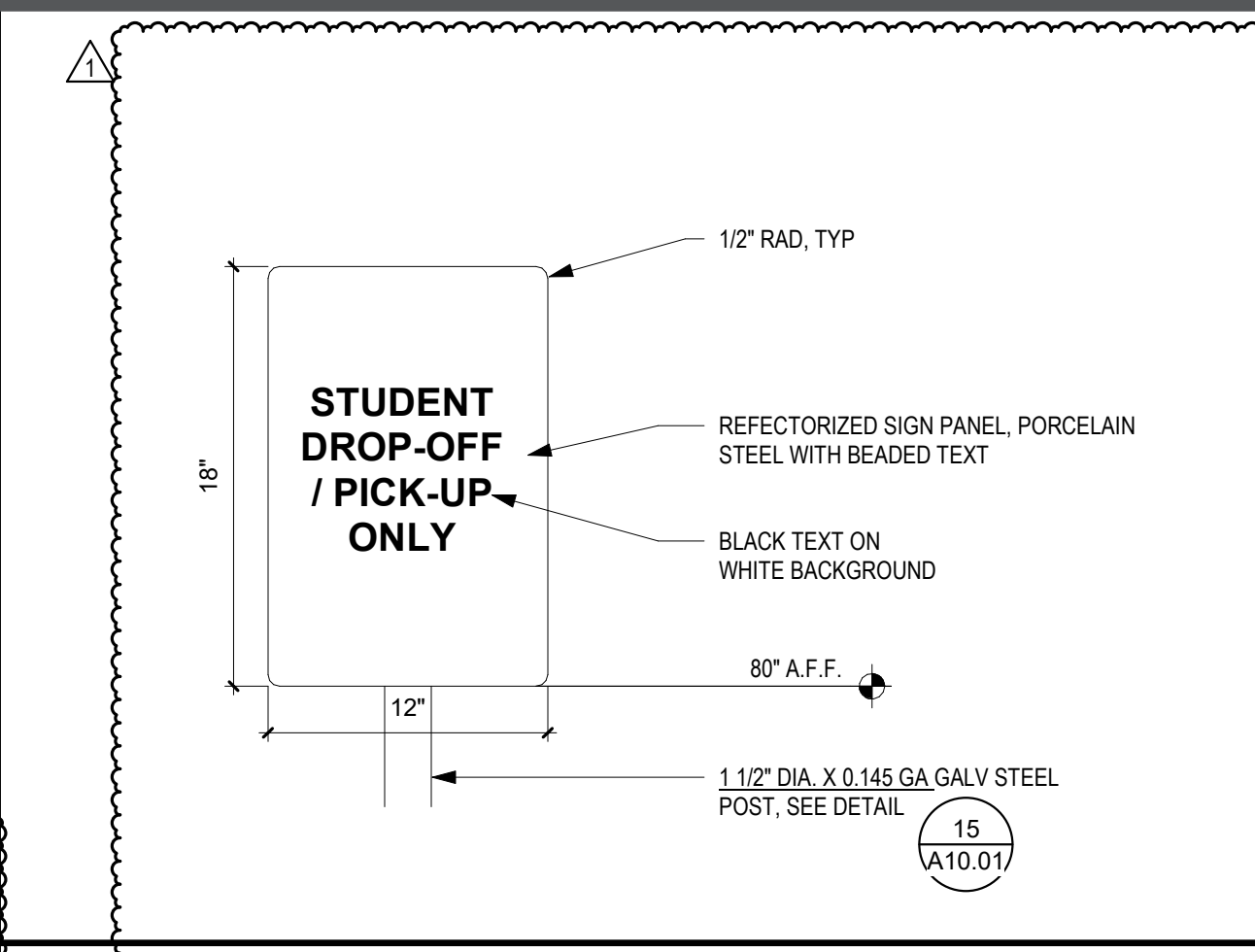
**DSA SUBMITTAL**

DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000

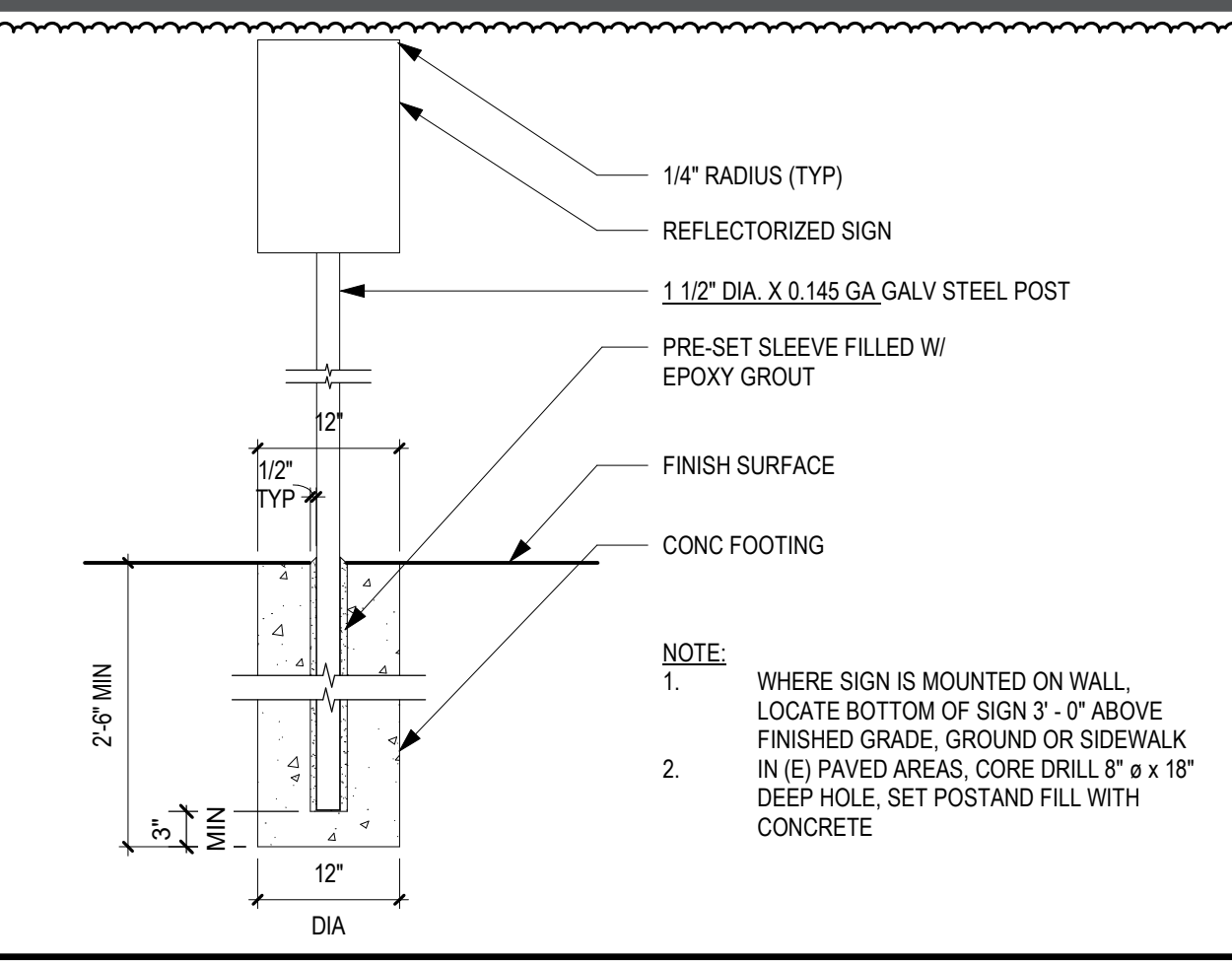
SHEET:



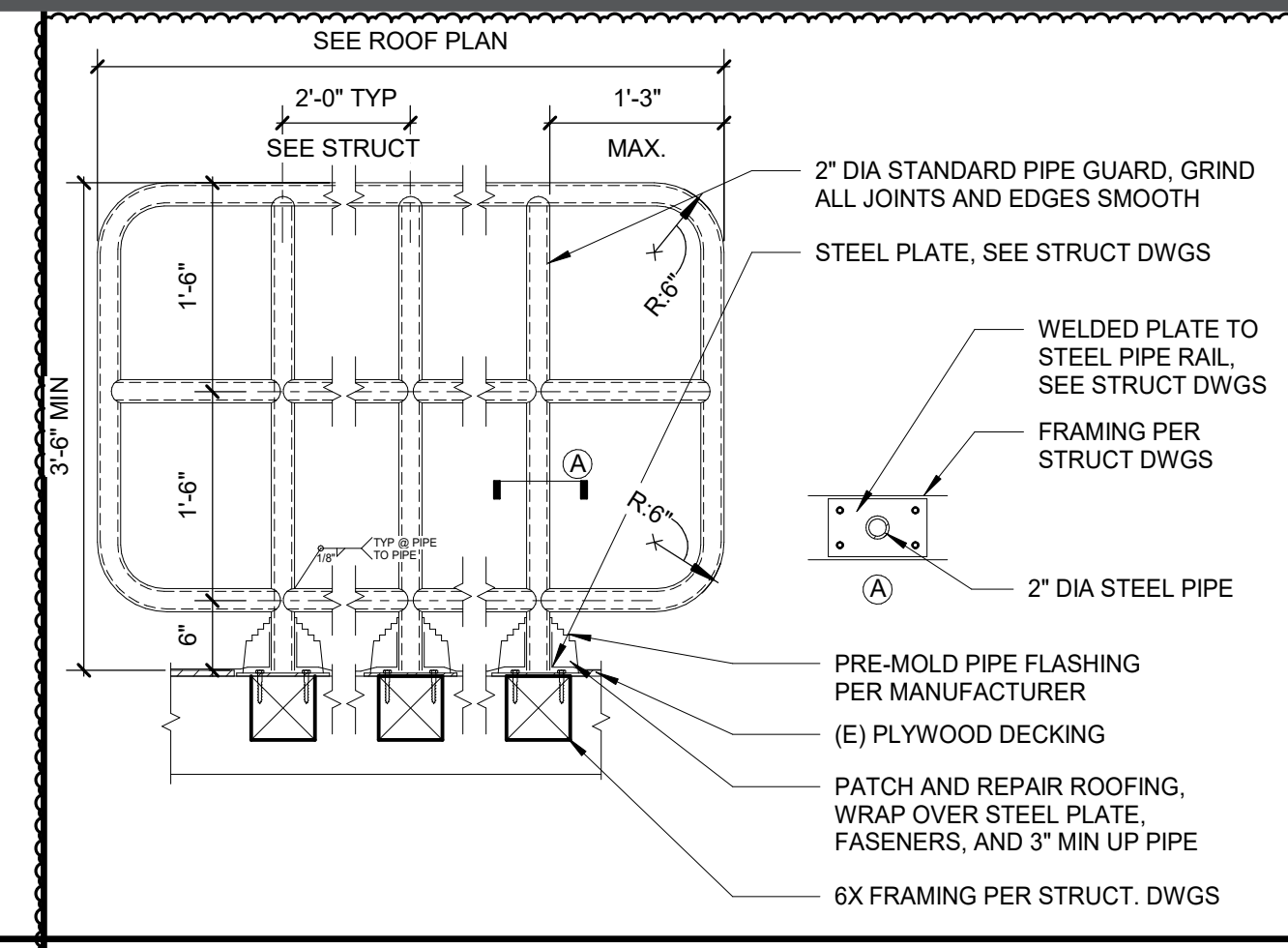
THIS LINE SHOWS AN INDICATED LOCATION OF THE SHEET'S ORIGINAL PAGE SIZE



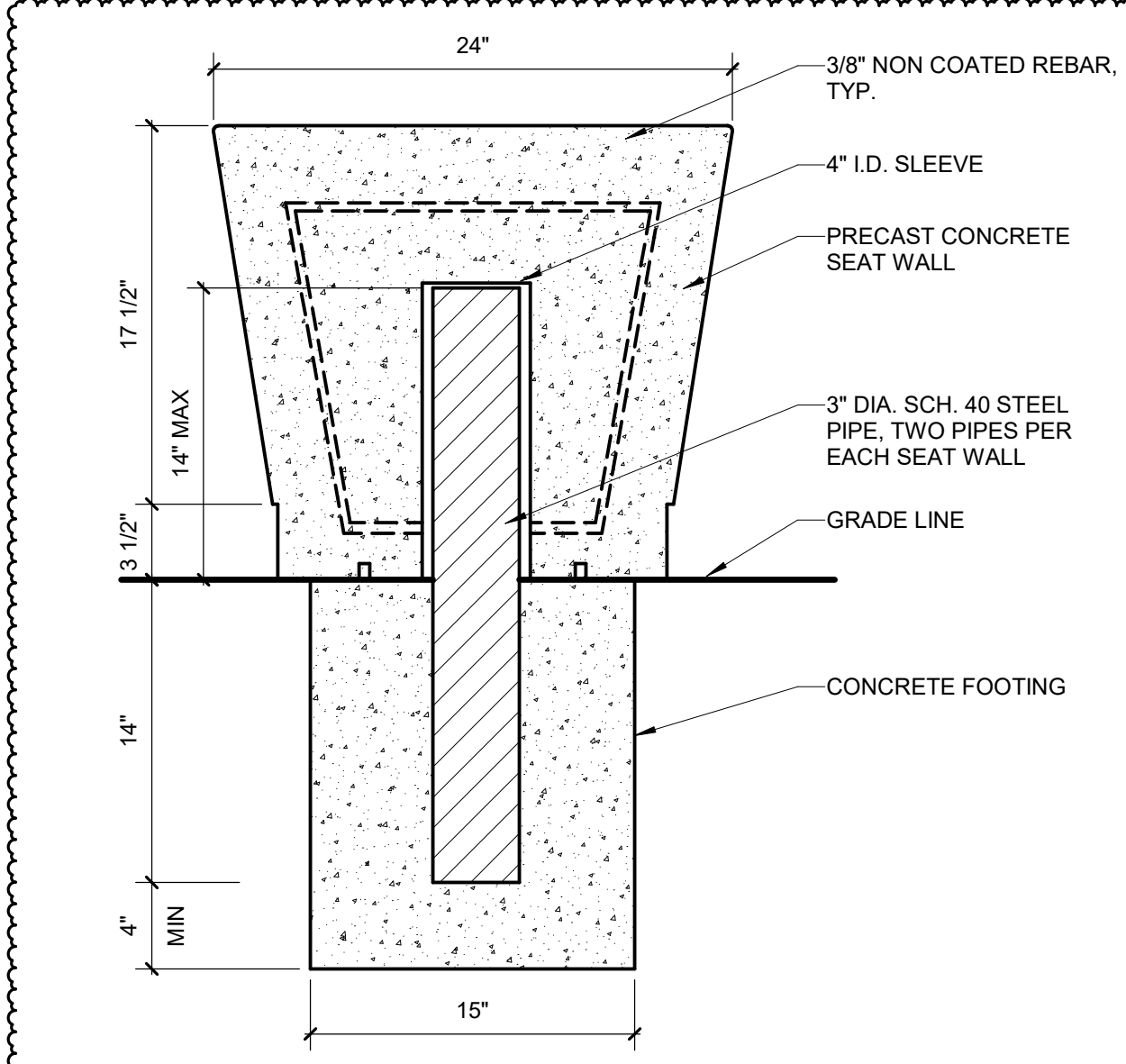
**LOADING/ UNLOADING ONLY SIGN 20**  
1 1/2" = 1'-0"



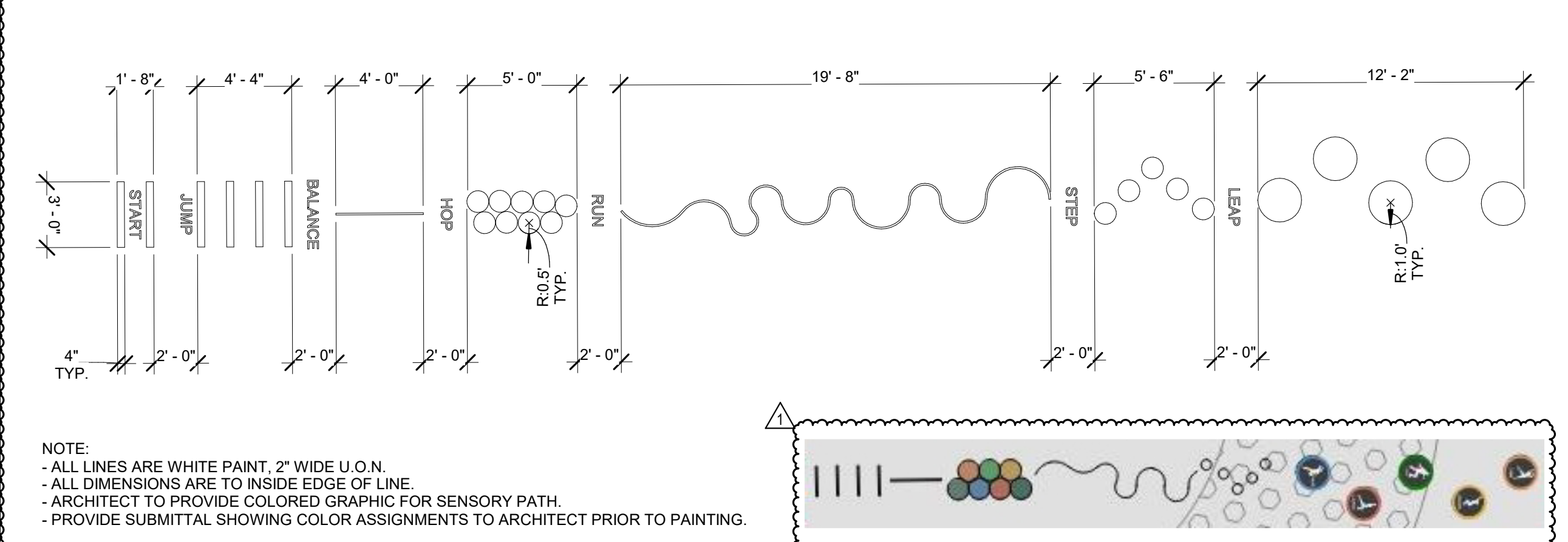
**POST AND FOOTING FOR SIGNAGE 15**  
3/4" = 1'-0"



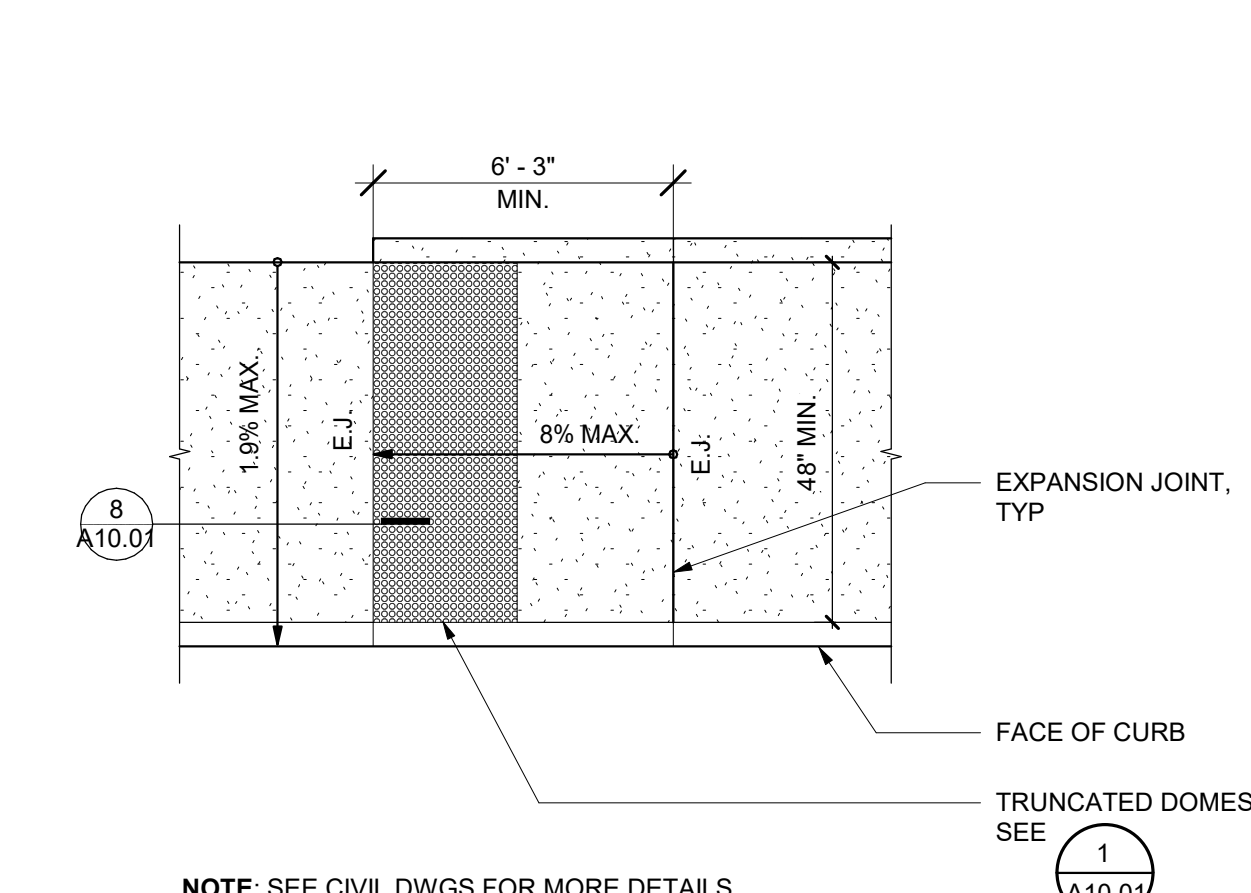
**SAFETY GUARDRAIL 5**  
3/4" = 1'-0"



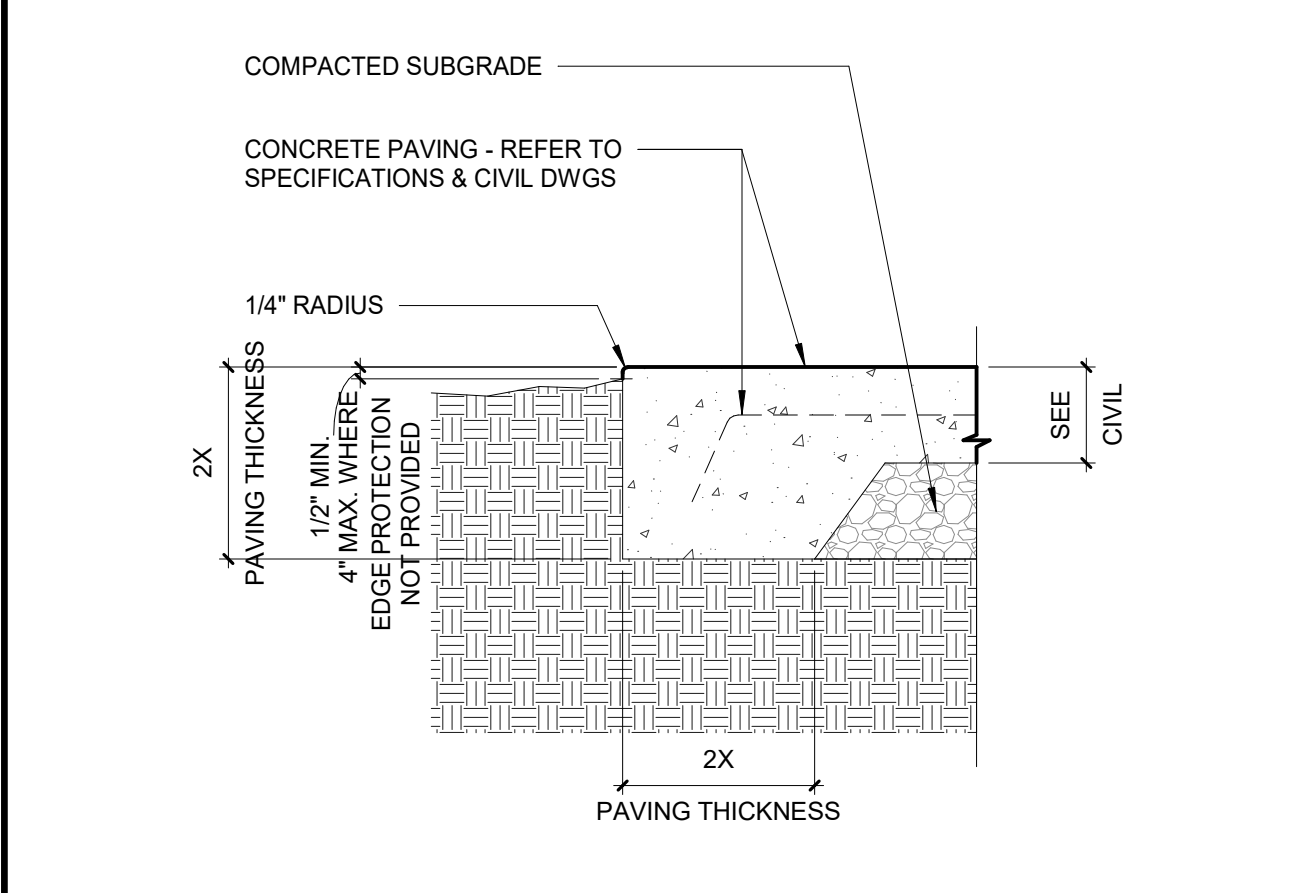
**PRECAST CONCRETE SEAT WALL 24**  
1 1/2" = 1'-0"



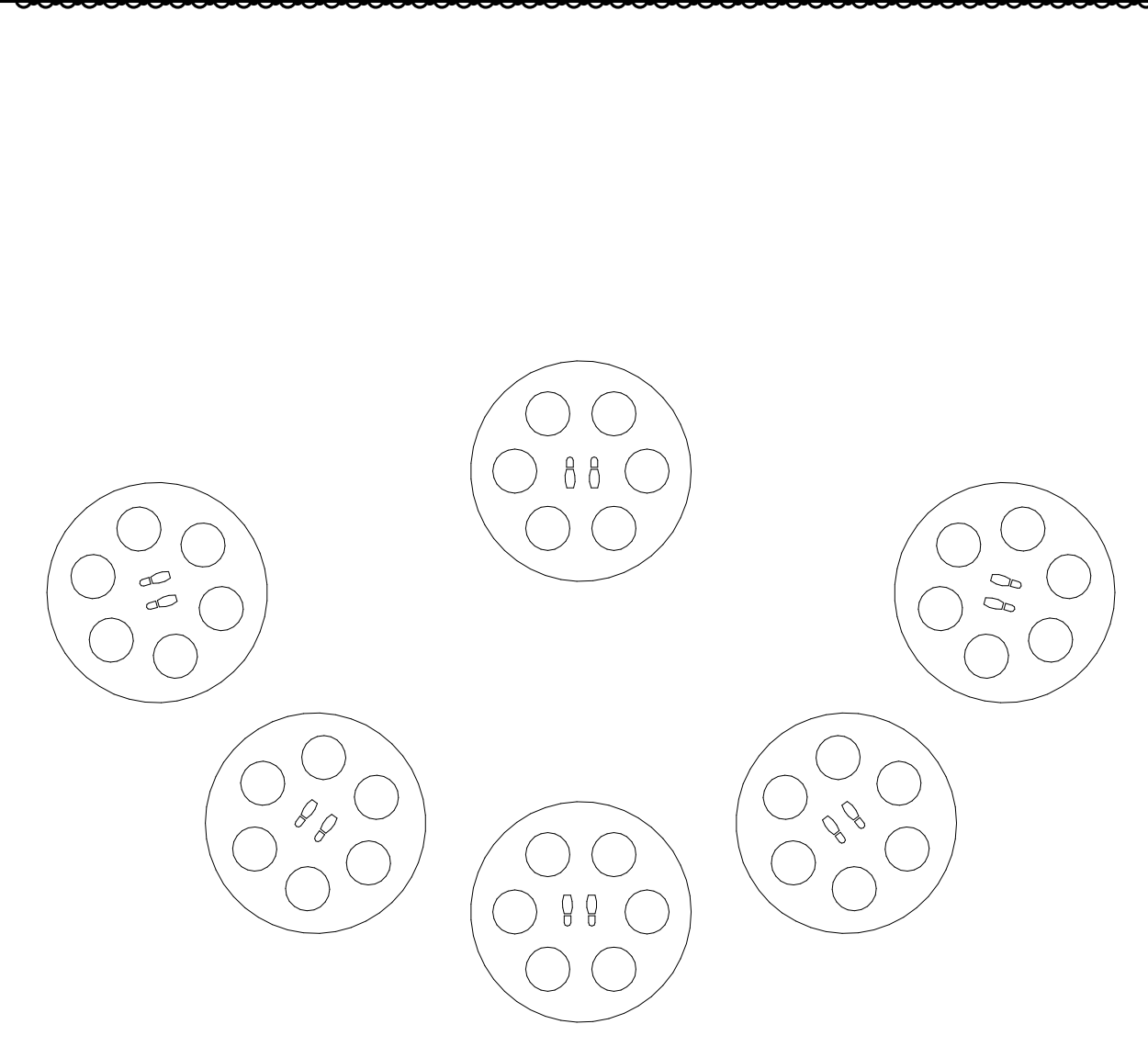
**SENSORY PATH 14**  
3/16" = 1'-0"



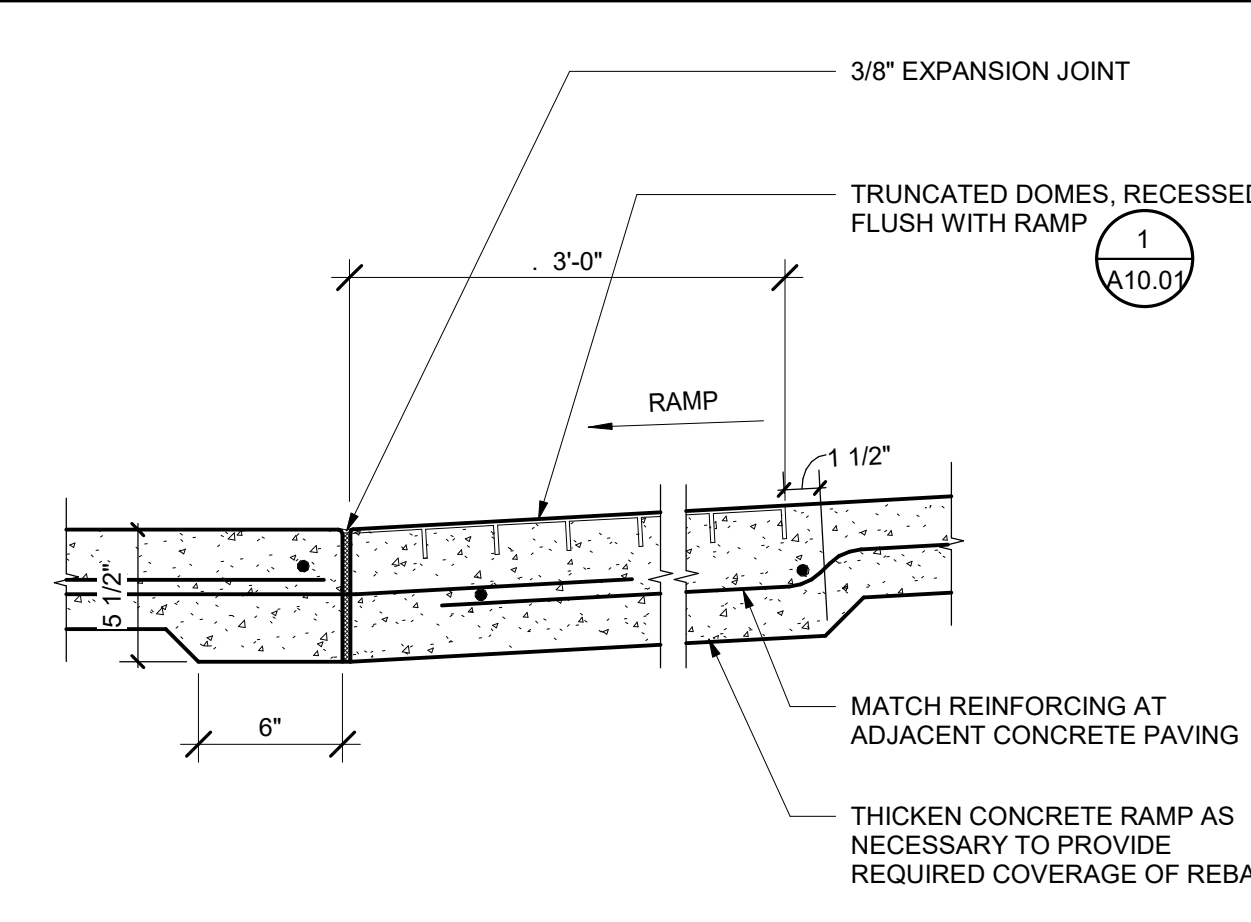
**CURB RAMP 9**  
1/4" = 1'-0"



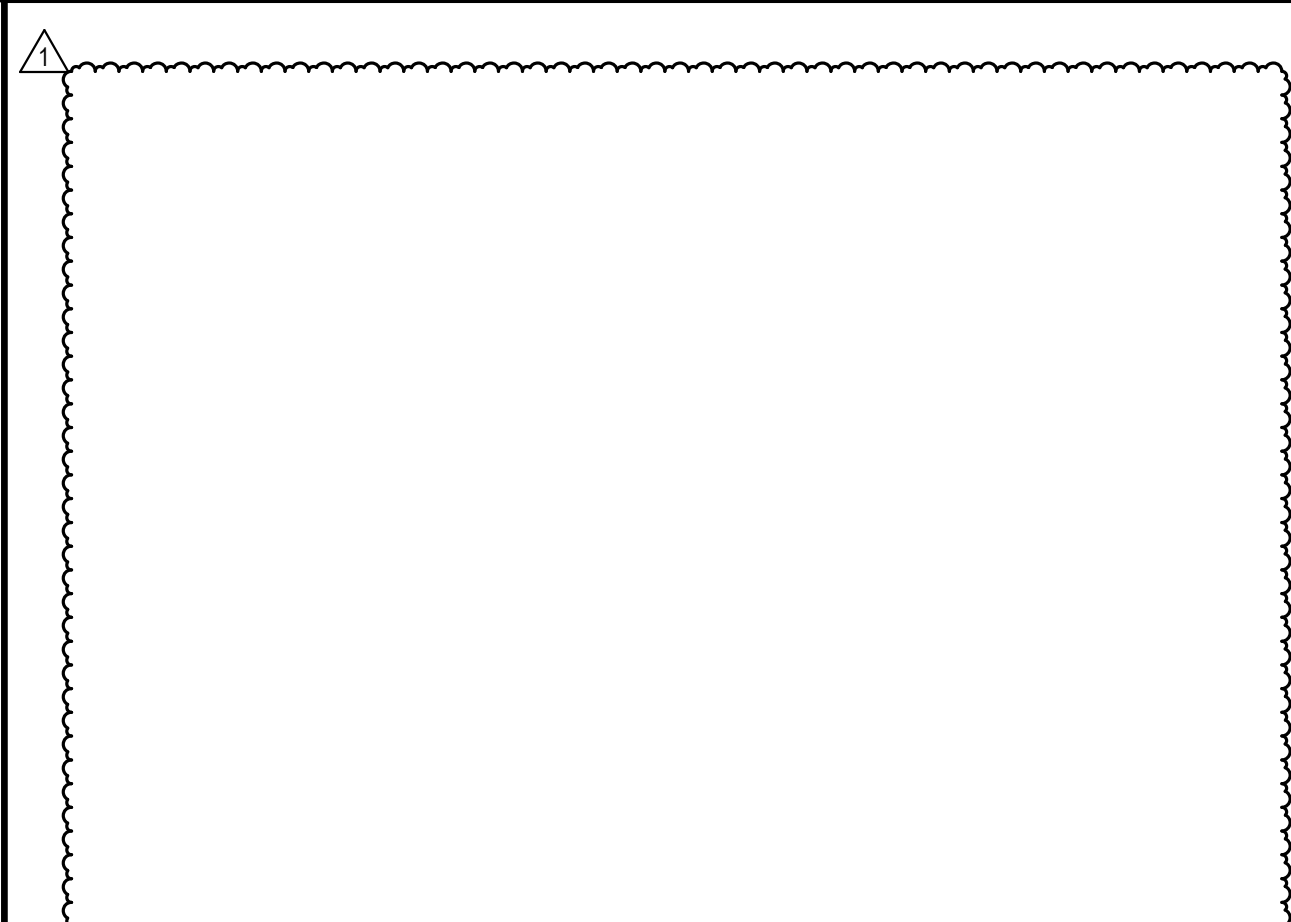
**CONCRETE PAVING EDGE 4**  
1 1/2" = 1'-0"



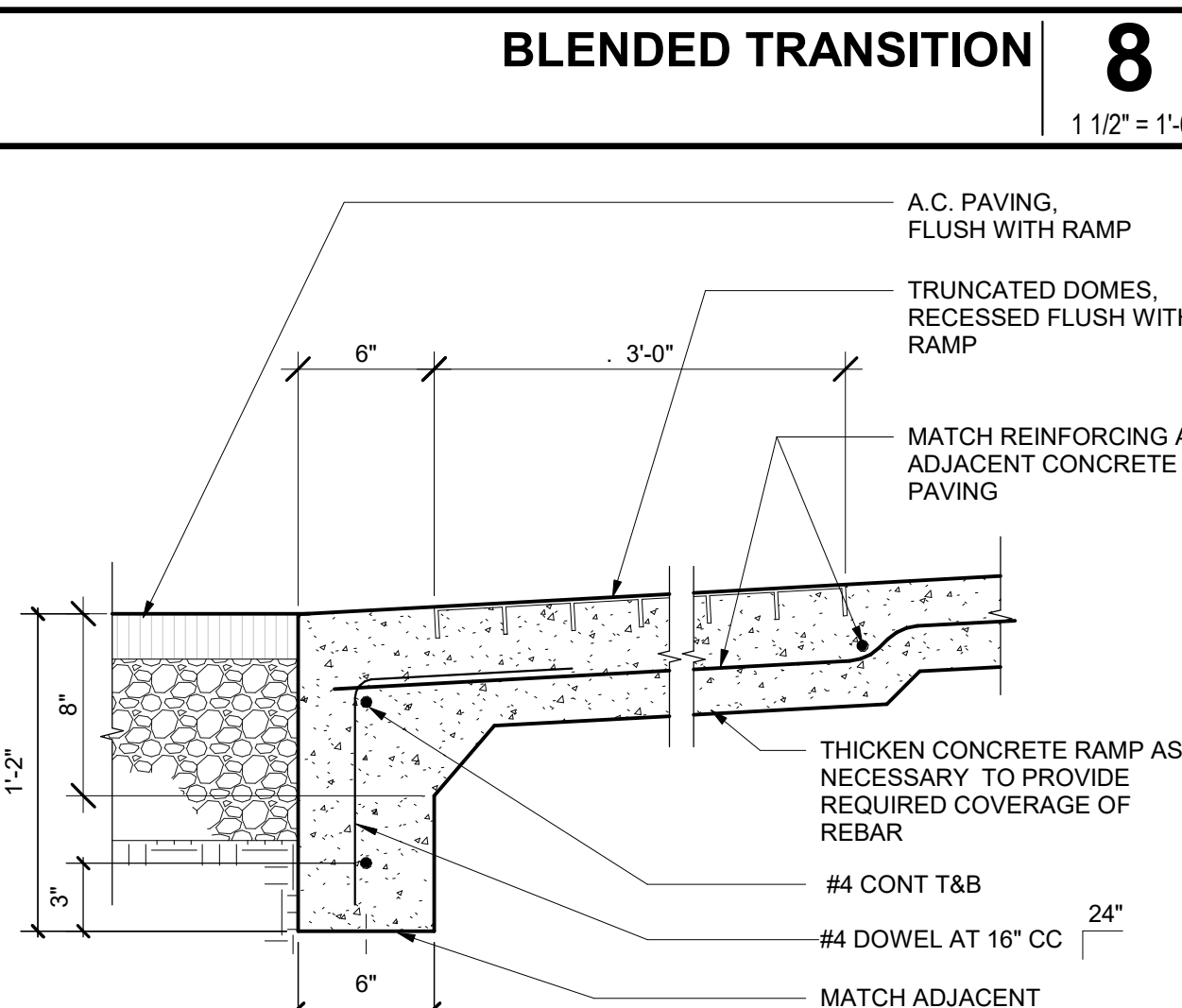
**FIRE LANE IDENTIFICATION PAINTED ON ASPHALT 13**  
3/4" = 1'-0"



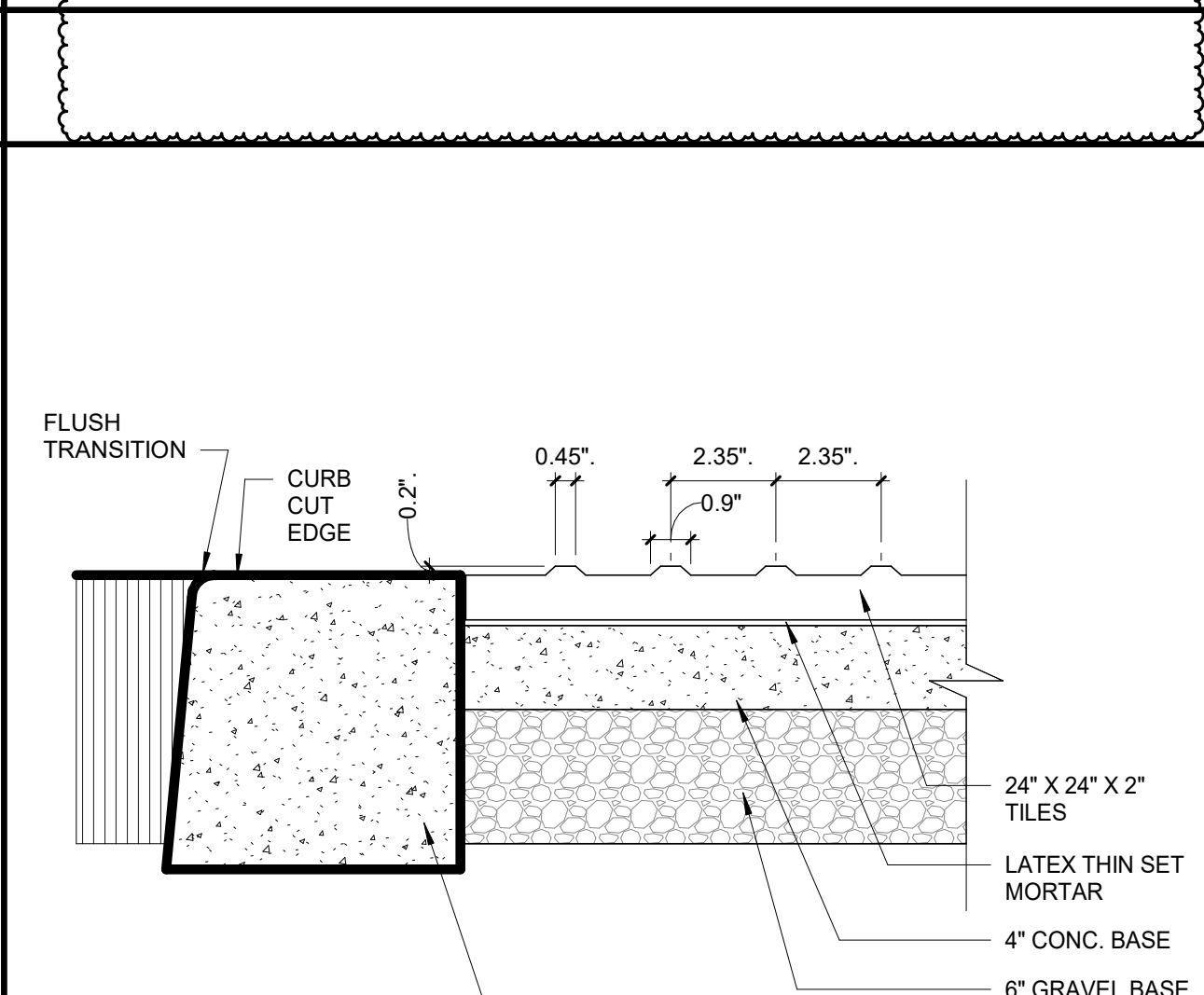
**BLENDED TRANSITION 8**  
1 1/2" = 1'-0"



**FIRE LANE IDENTIFICATION - RED CURBS 12**  
3/4" = 1'-0"



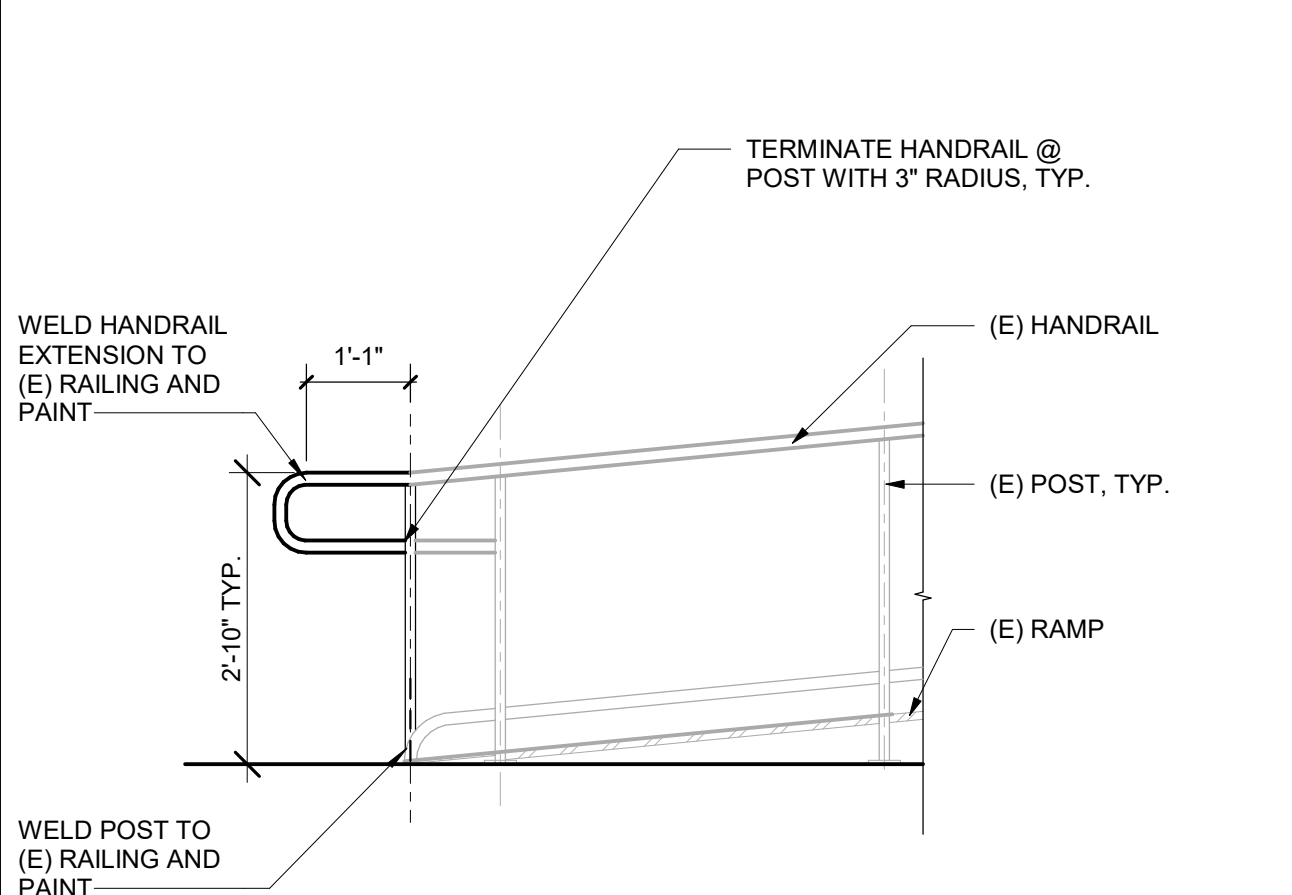
**CURB RAMP SECTION DETAIL 7**  
1 1/2" = 1'-0"



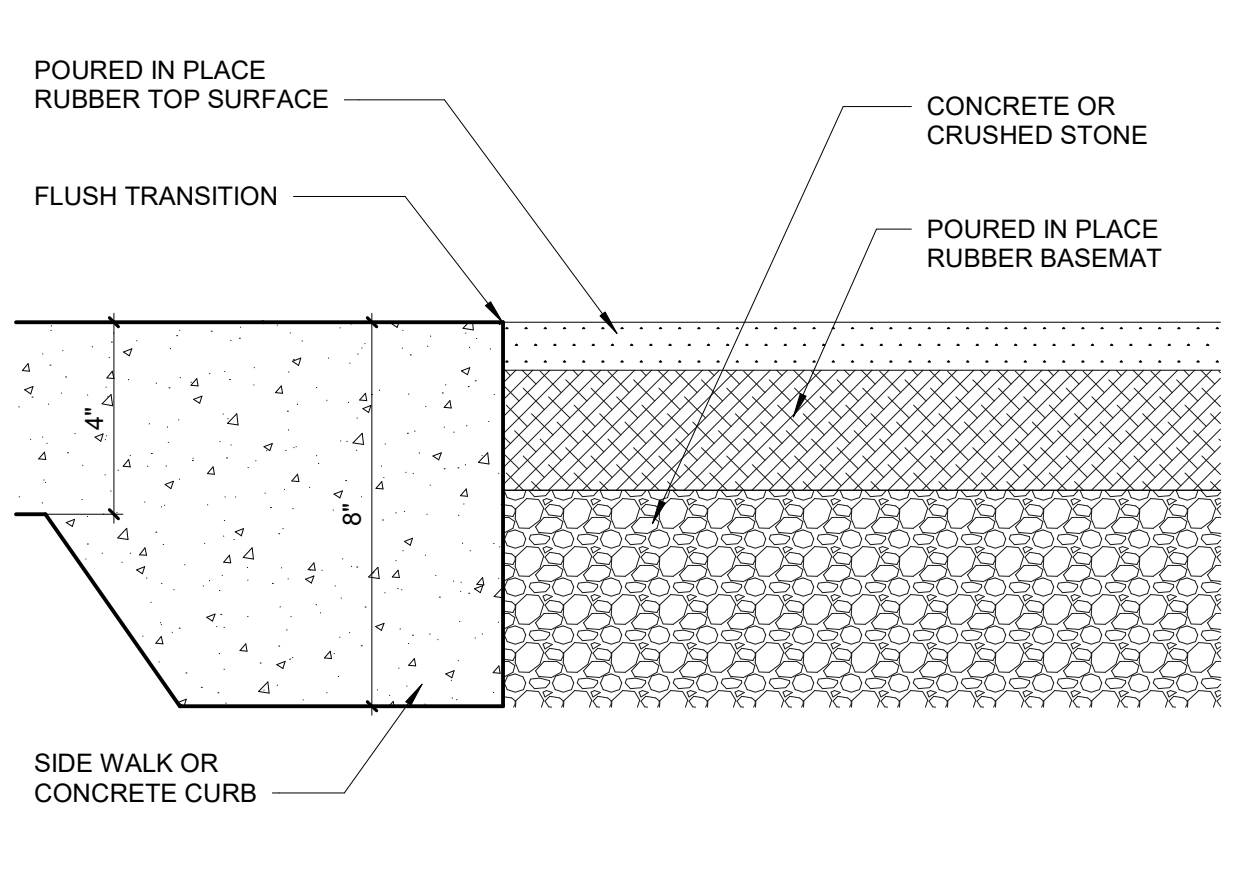
**TRUNCATED DOME PAVERS 1**  
1/8" = 1'-0"



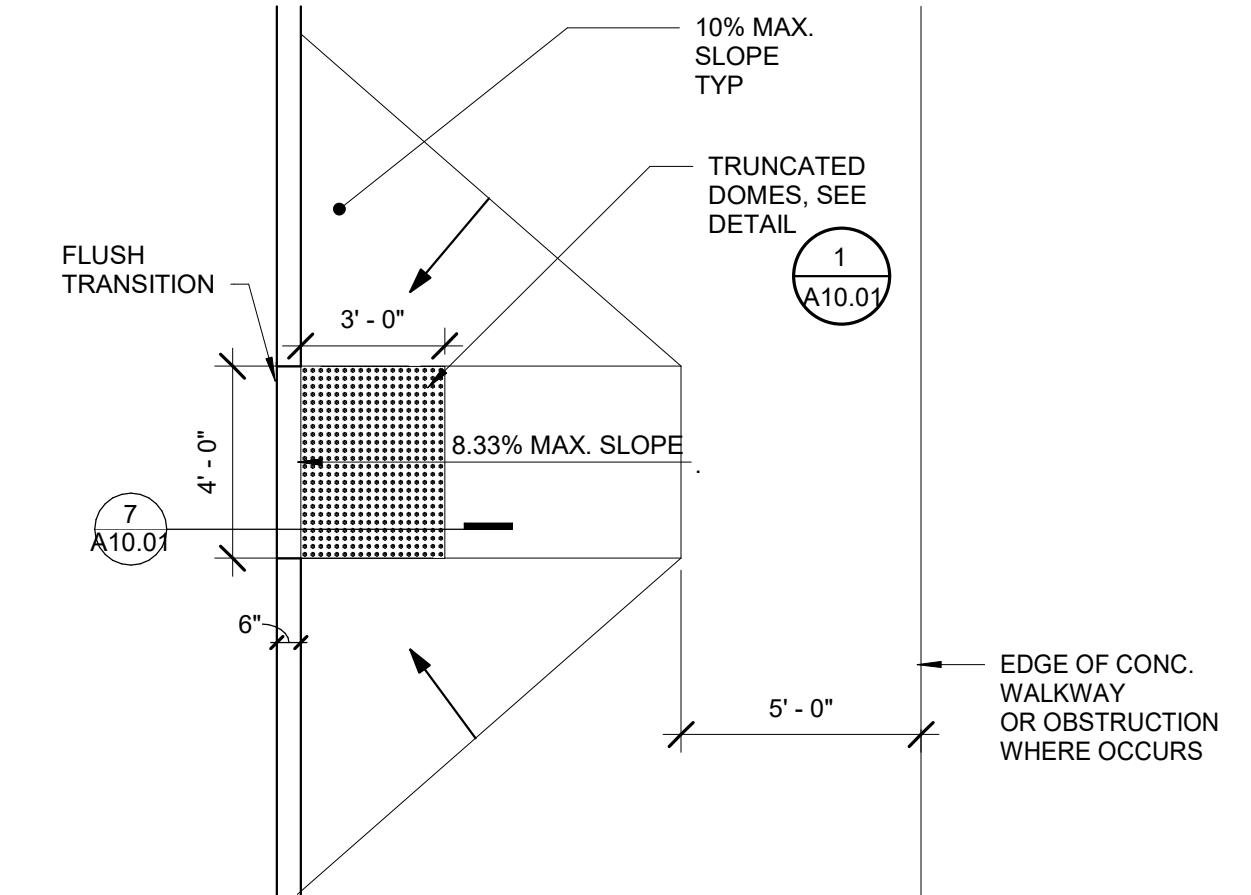
**PLAYGROUND STRIPING 21**  
1/4" = 1'-0"



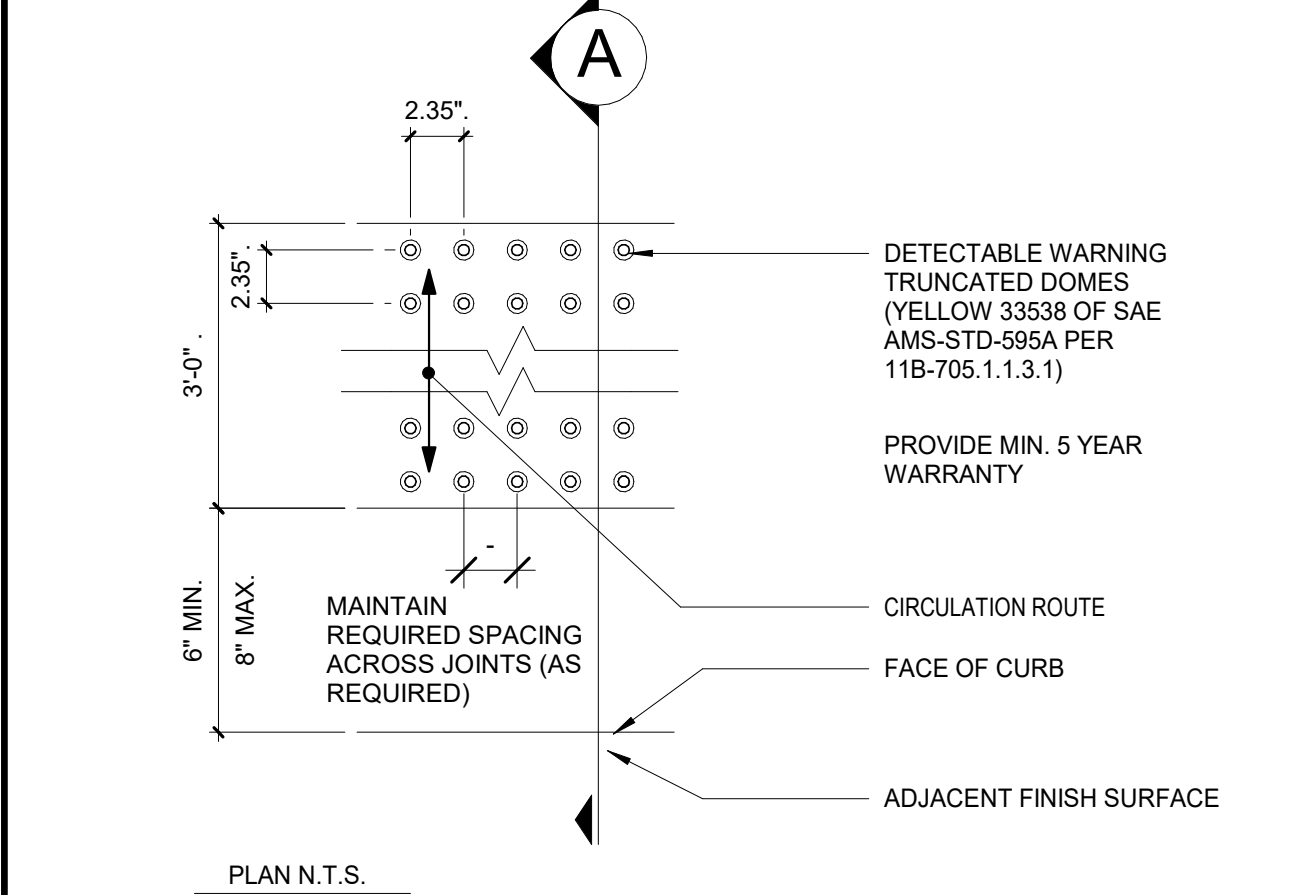
**RAMP ELEVATION 16**  
1/2" = 1'-0"



**POURED IN PLACE RUBBER 11**  
3" = 1'-0"



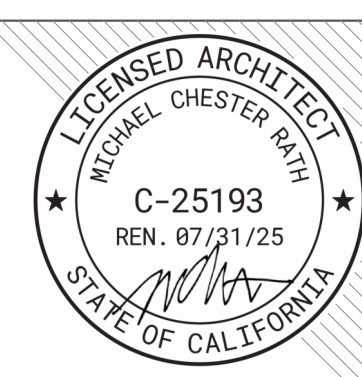
**ACCESSIBLE CURB RAMP 6**  
1/4" = 1'-0"



**RAMP ELEVATION 16**  
1/2" = 1'-0"



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|-------|-------------|------------|
| 1     | ADDENDUM #1 | 03/01/2024 |

Autodesk Docs:0318670000 - SCUSD Matsuyama ES Modernization0318670000-A-MATSUYAMA-MOD-01  
3/2/2024 3:44:31 PM

FACILITY:  
**MATSUYAMA ELEMENTARY SCHOOL**  
7680 WINDBRIDGE DRIVE  
SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**SITE DETAILS - MISC**

**DSA SUBMITTAL**

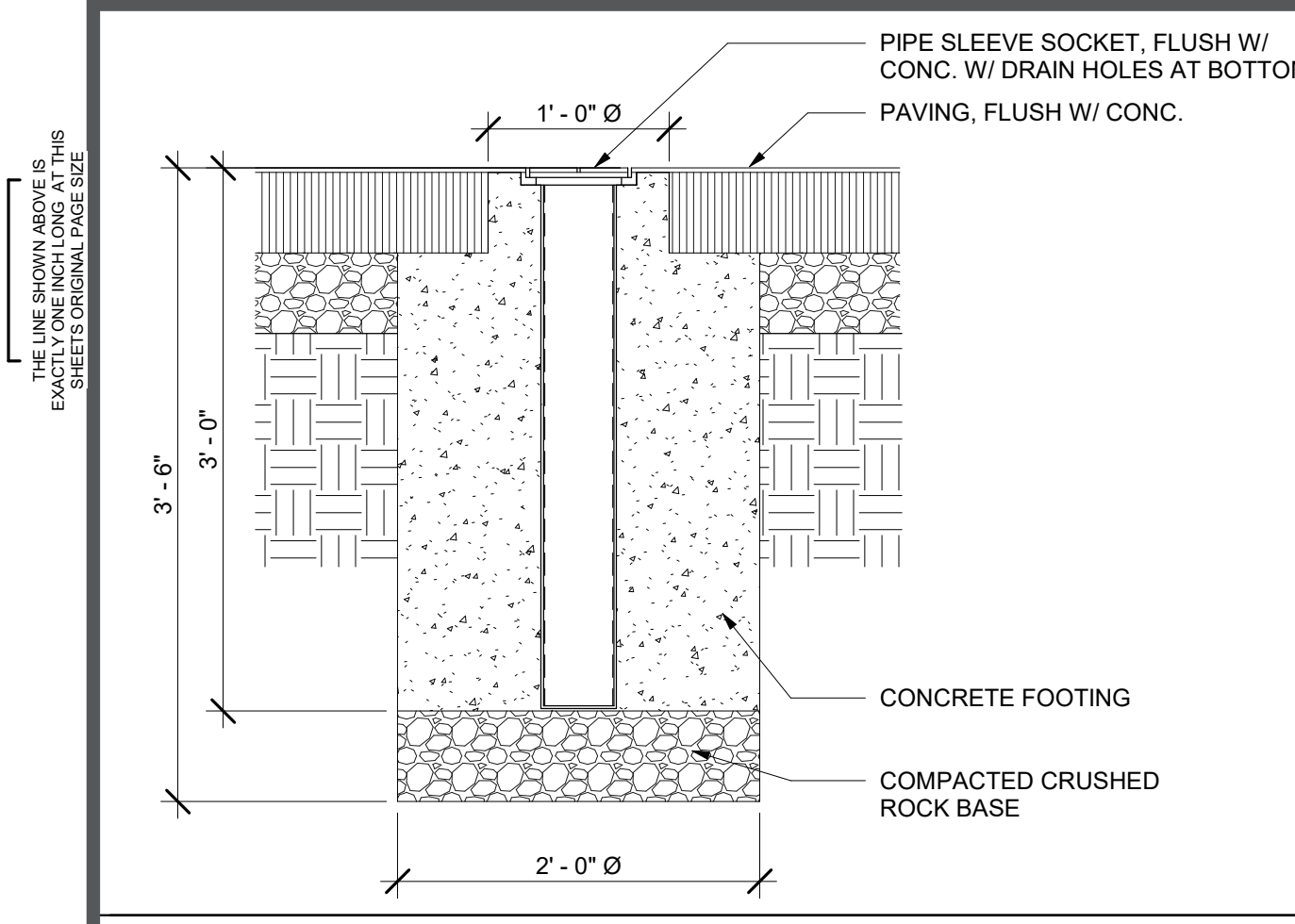
DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000

SHEET:

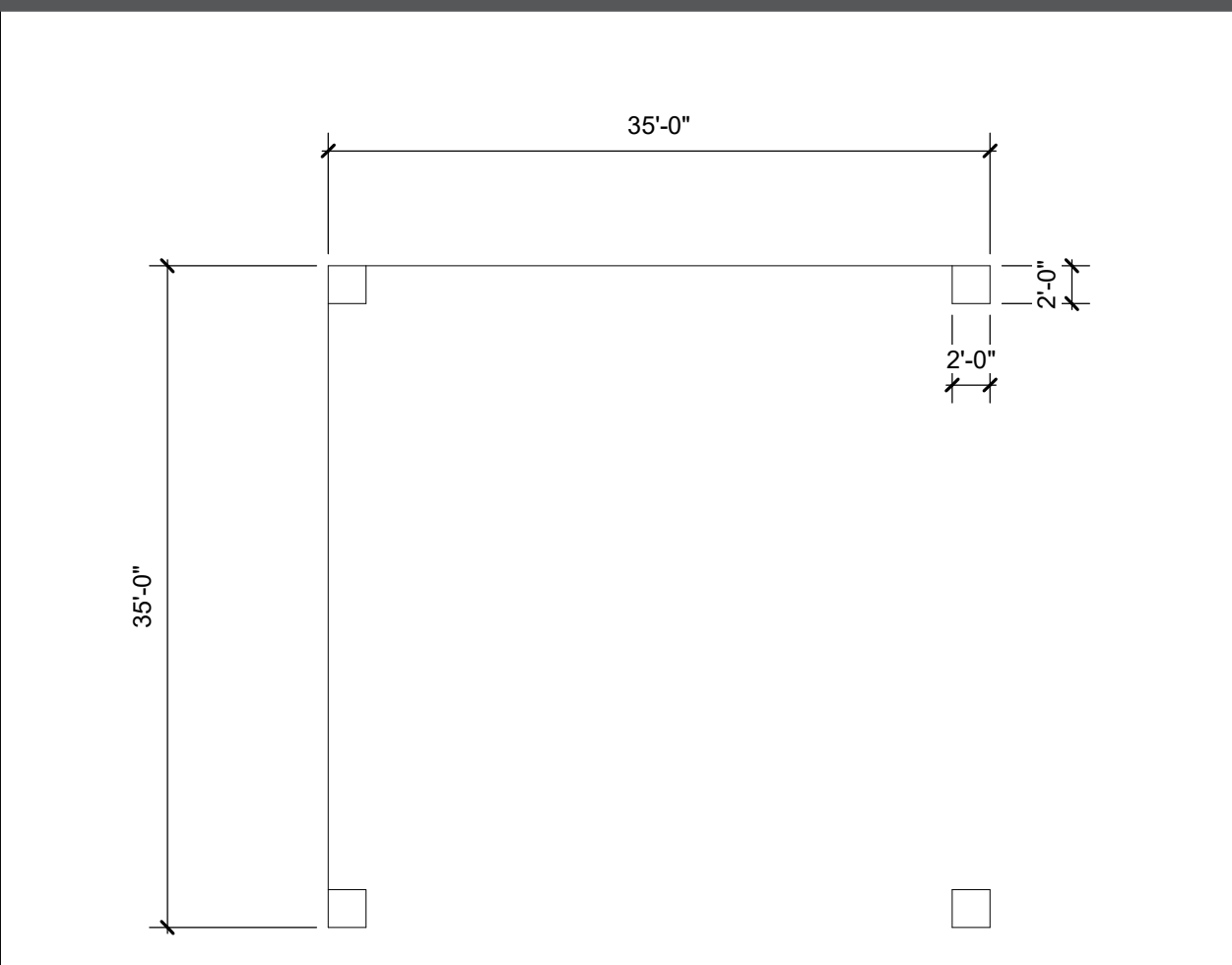
**A10.01**

PLEASE RECYCLE

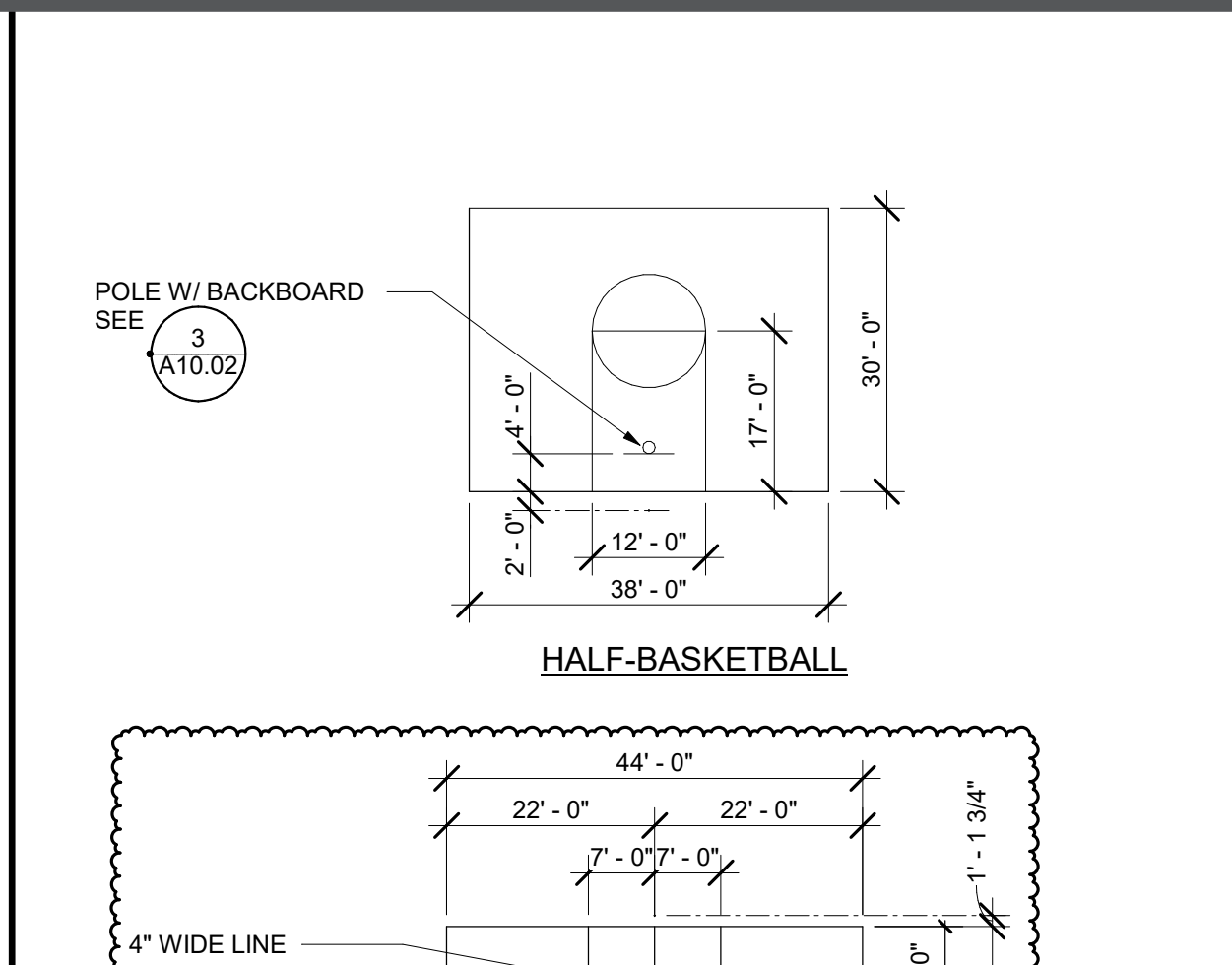




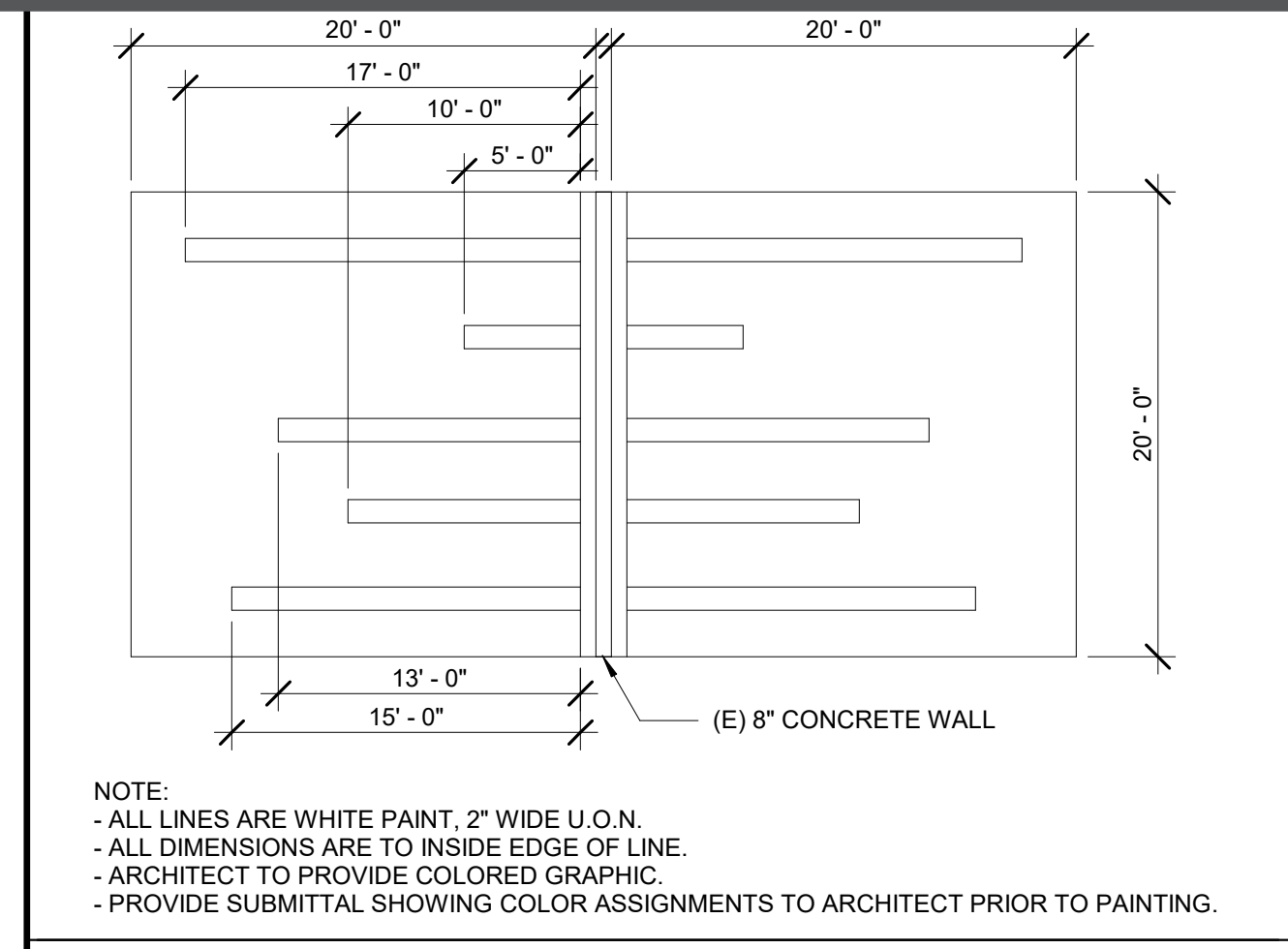
**PICKLEBALL COURT SLEEVE DETAIL** 24  
1" = 1'-0"



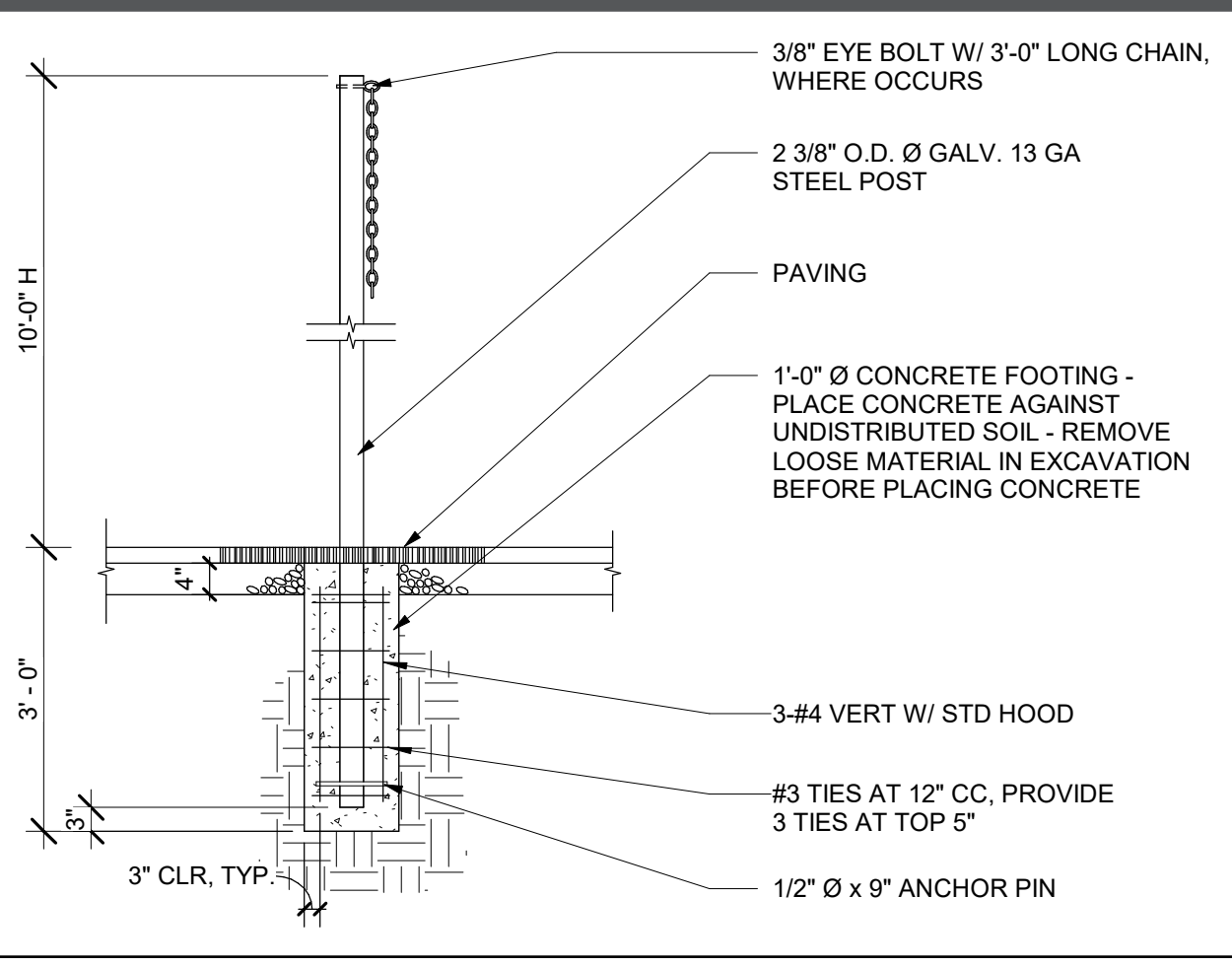
**KICKBALL**



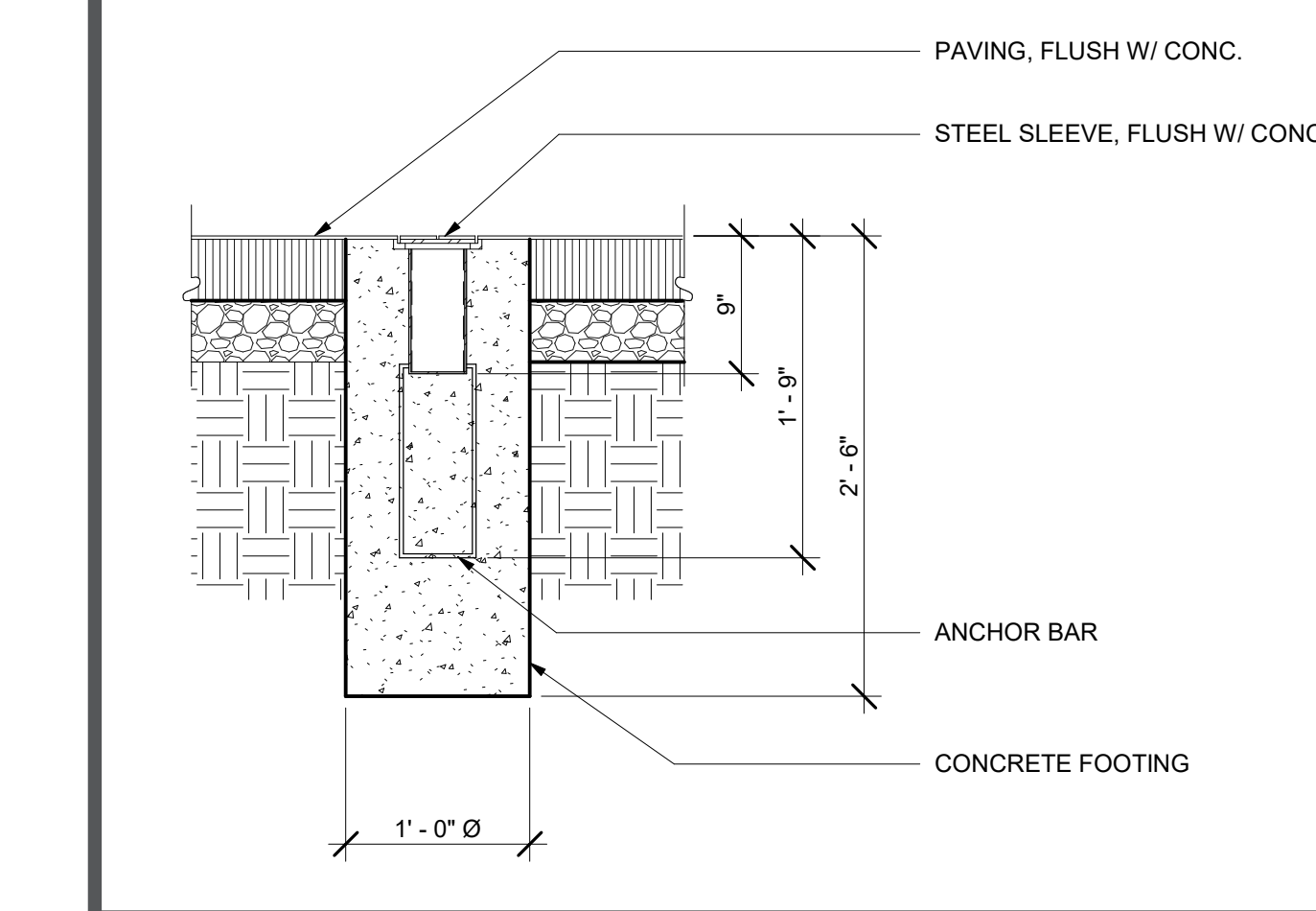
**HALF-BASKETBALL**



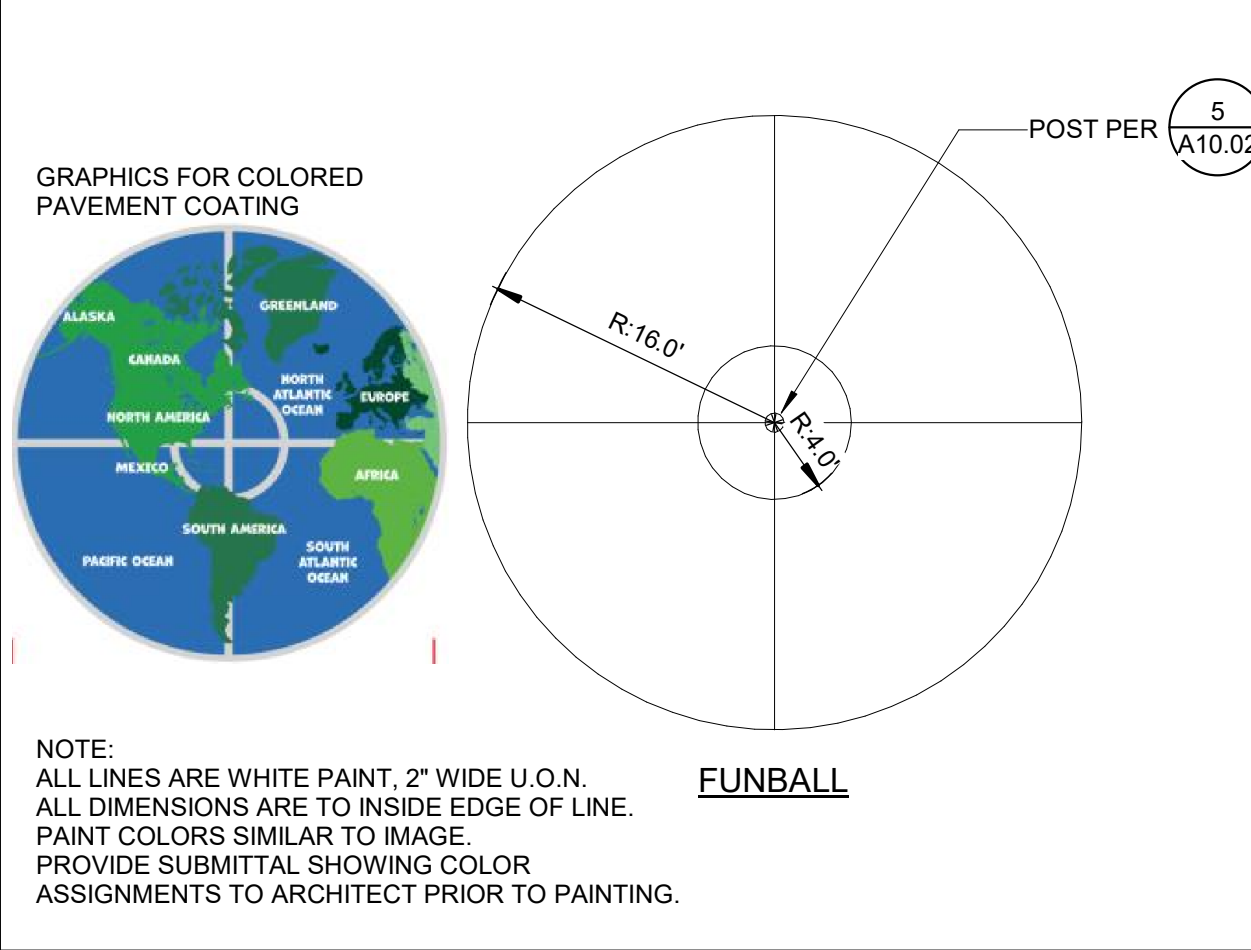
**BALL WALL COURT** 10  
18" = 1'-0"



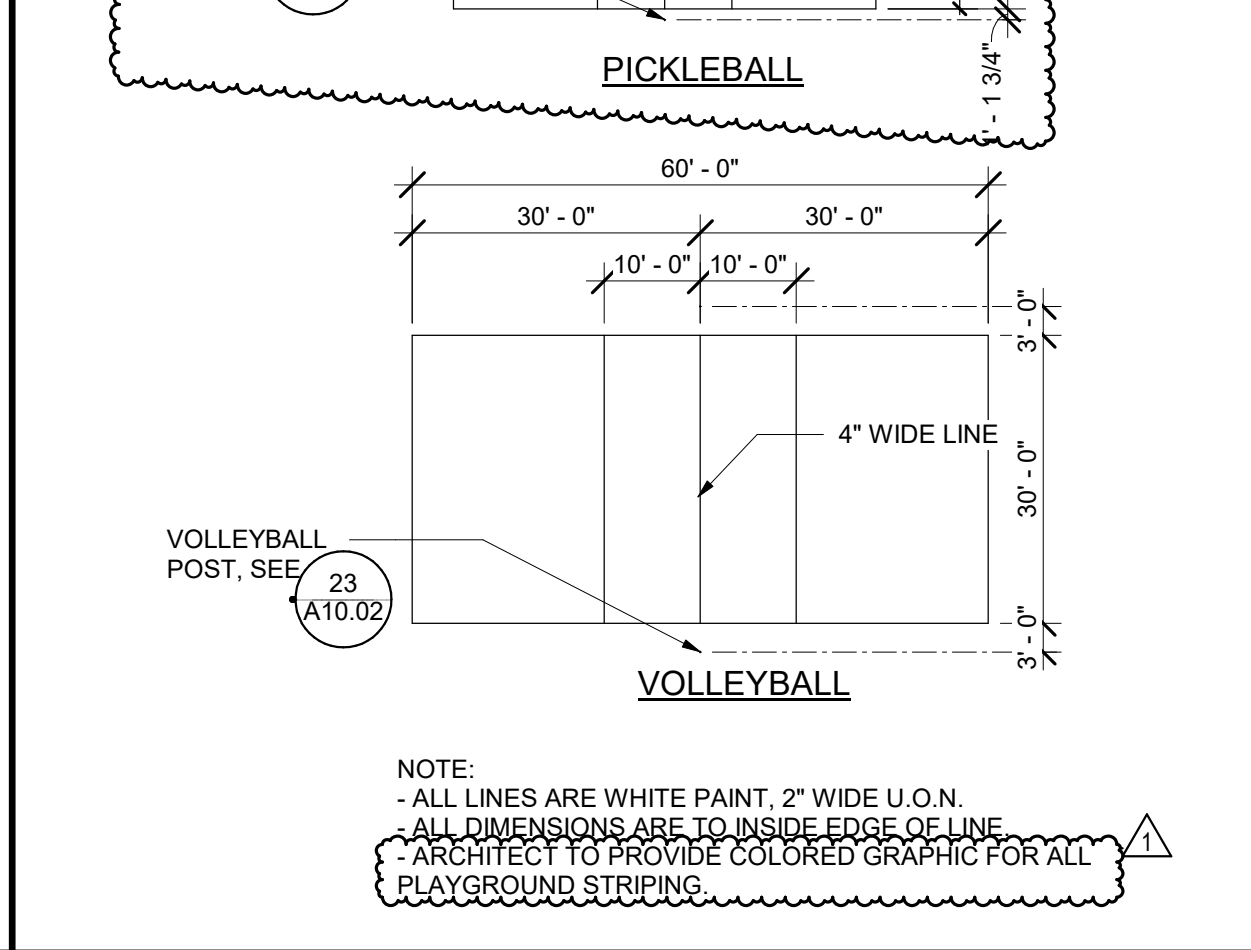
**PLAYGROUND POST** 5  
1/2" = 1'-0"



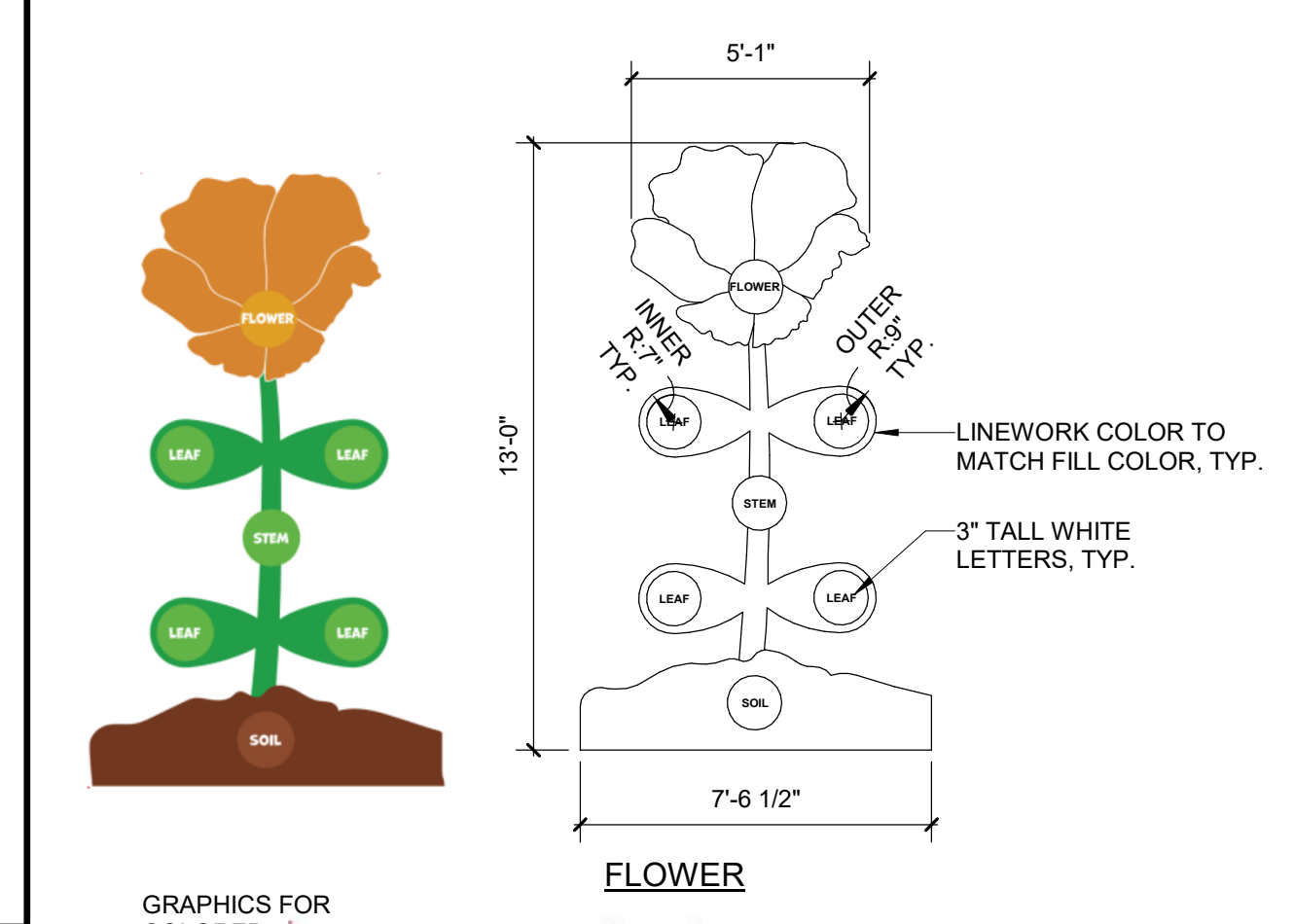
**VOLLEYBALL SLEEVE & COVER** 23  
1" = 1'-0"



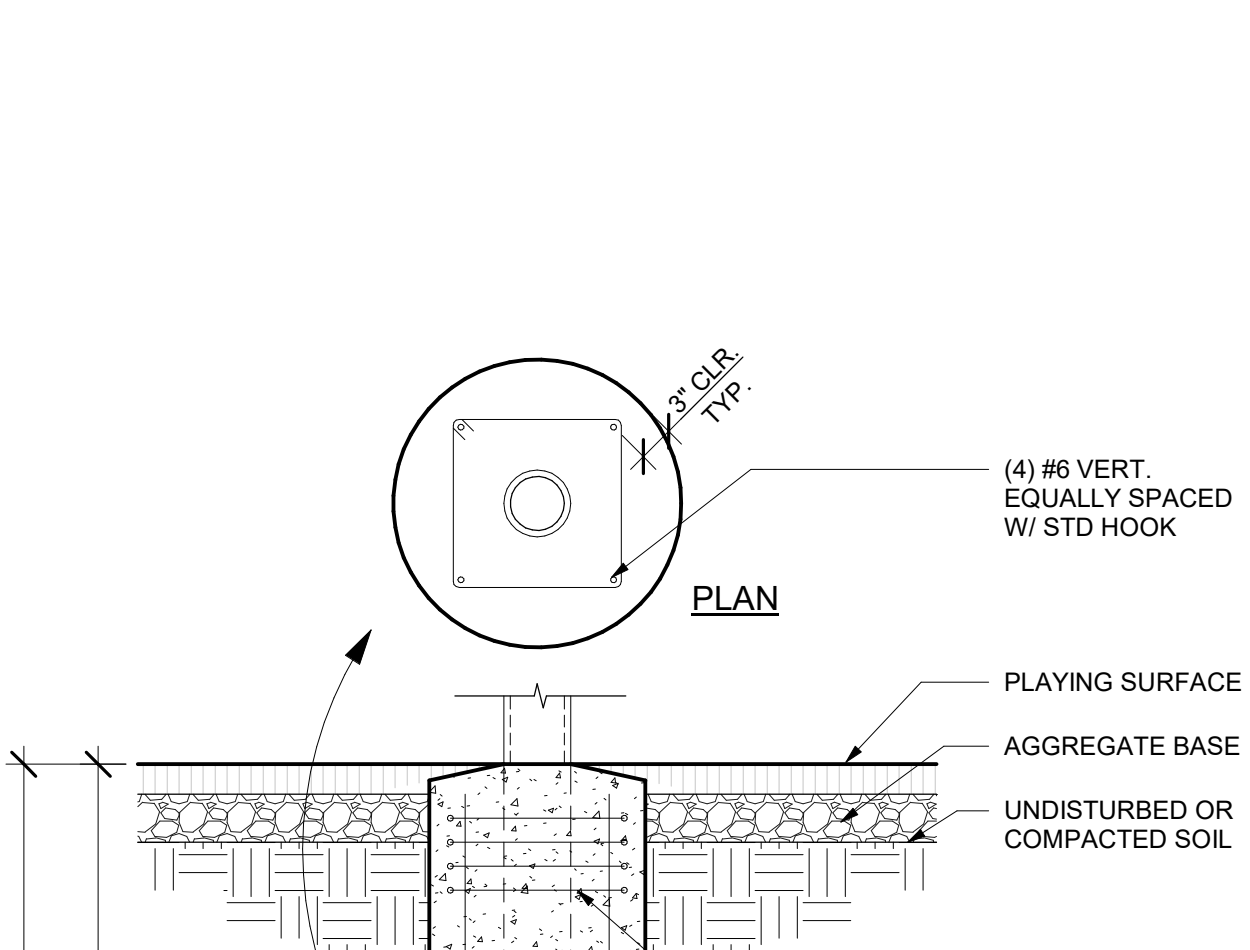
**FUNBALL**



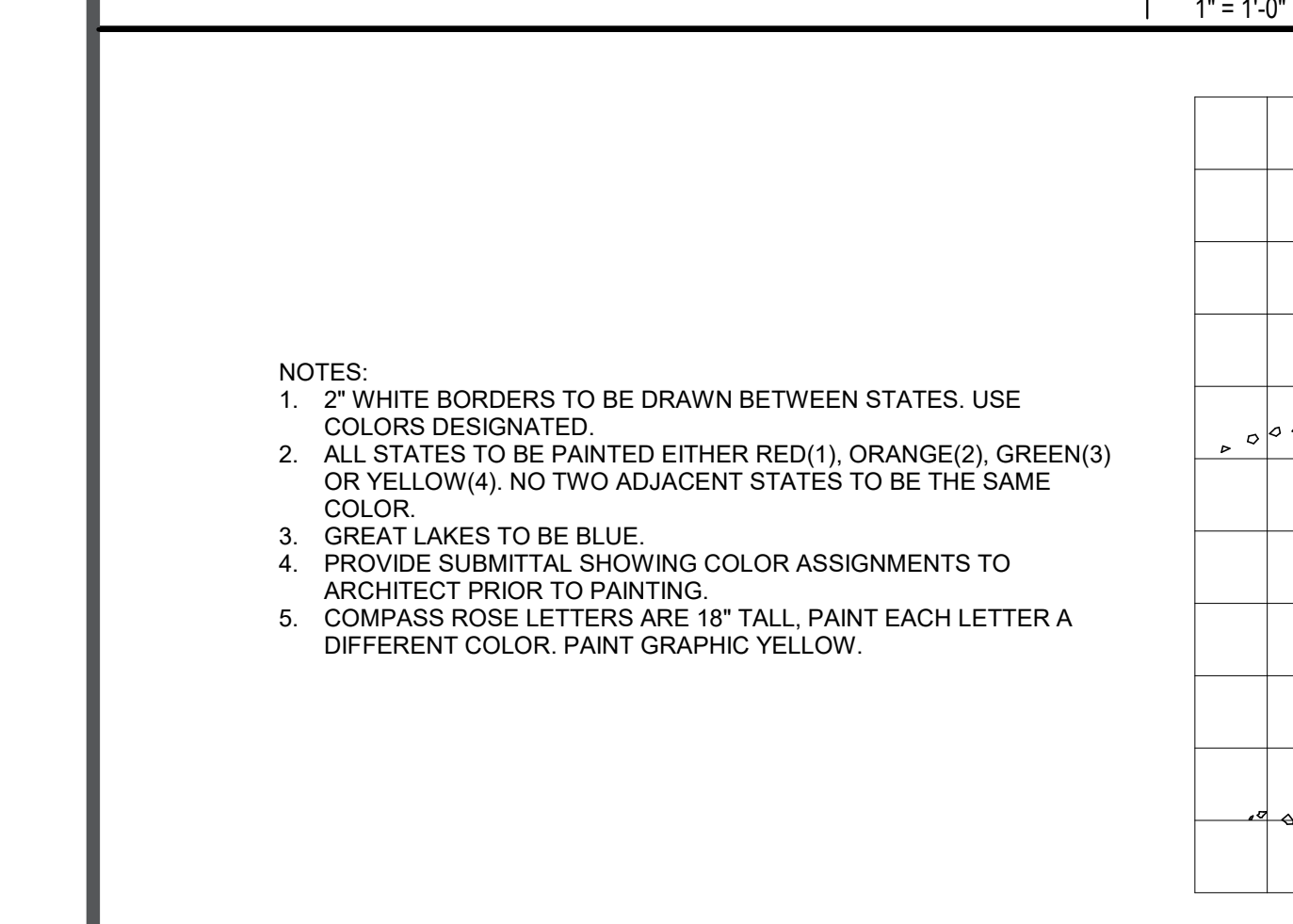
**PICKLEBALL**



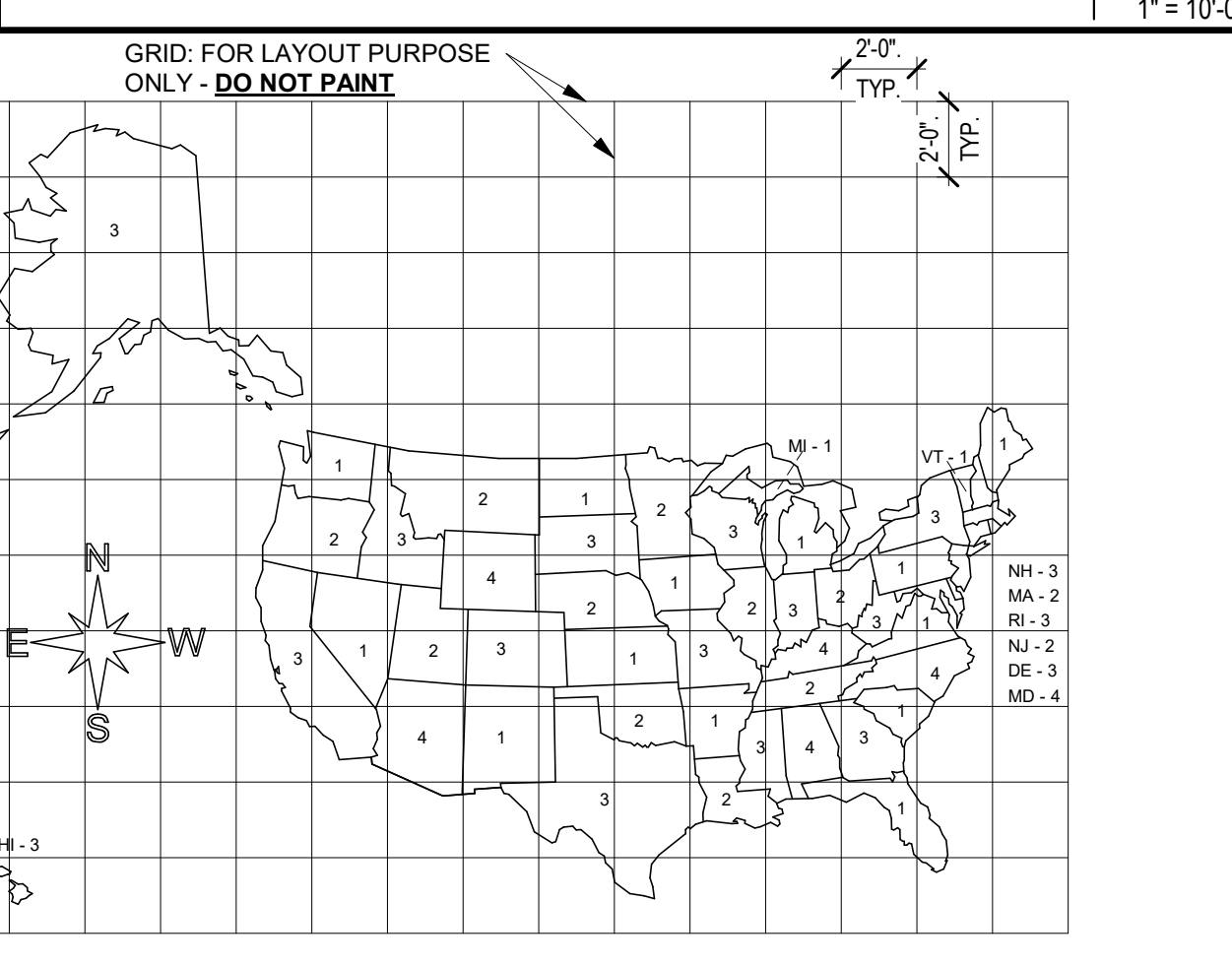
**FLOWER**



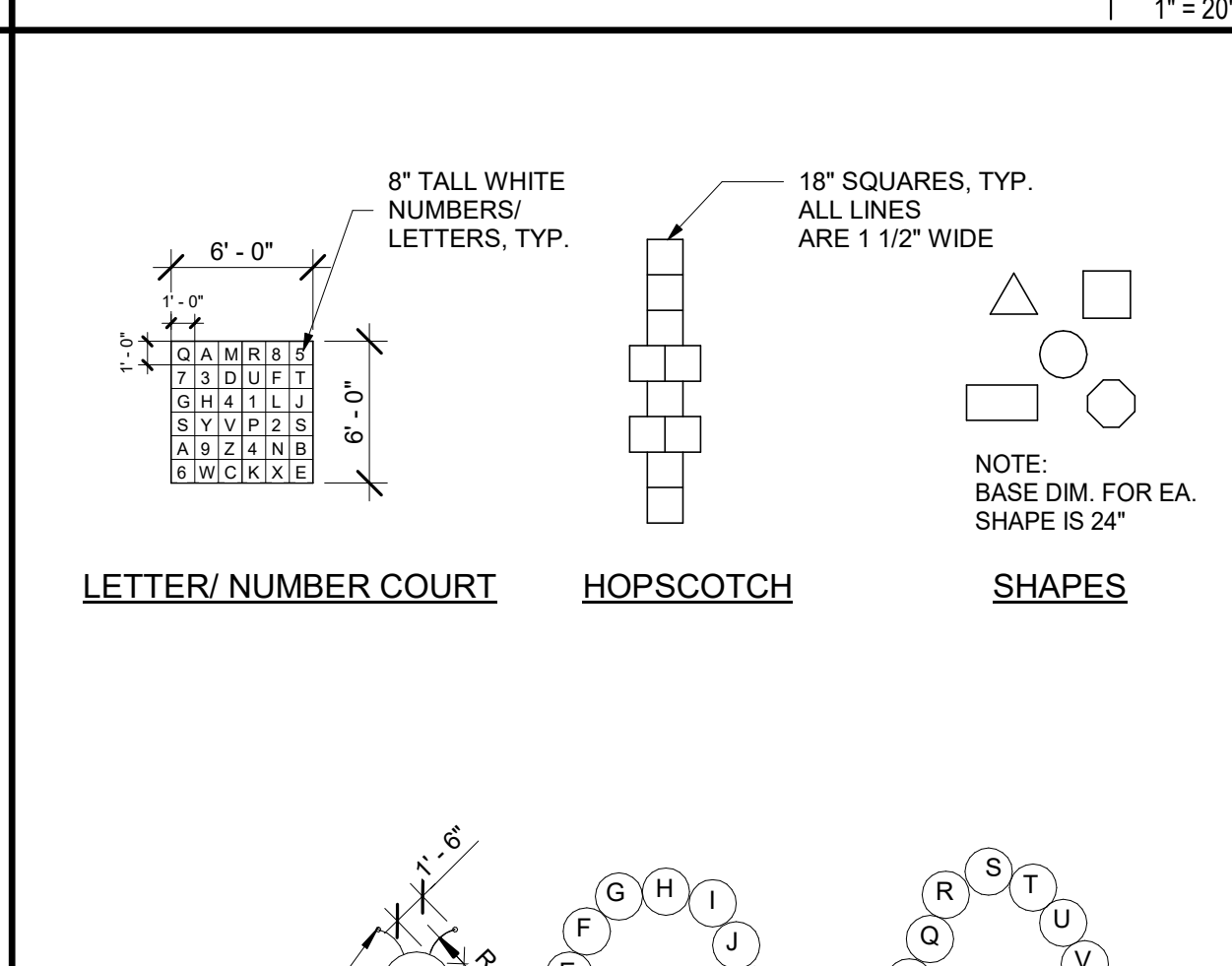
**BASKETBALL BACKSTOP FOOTING** 3  
3/4" = 1'-0"



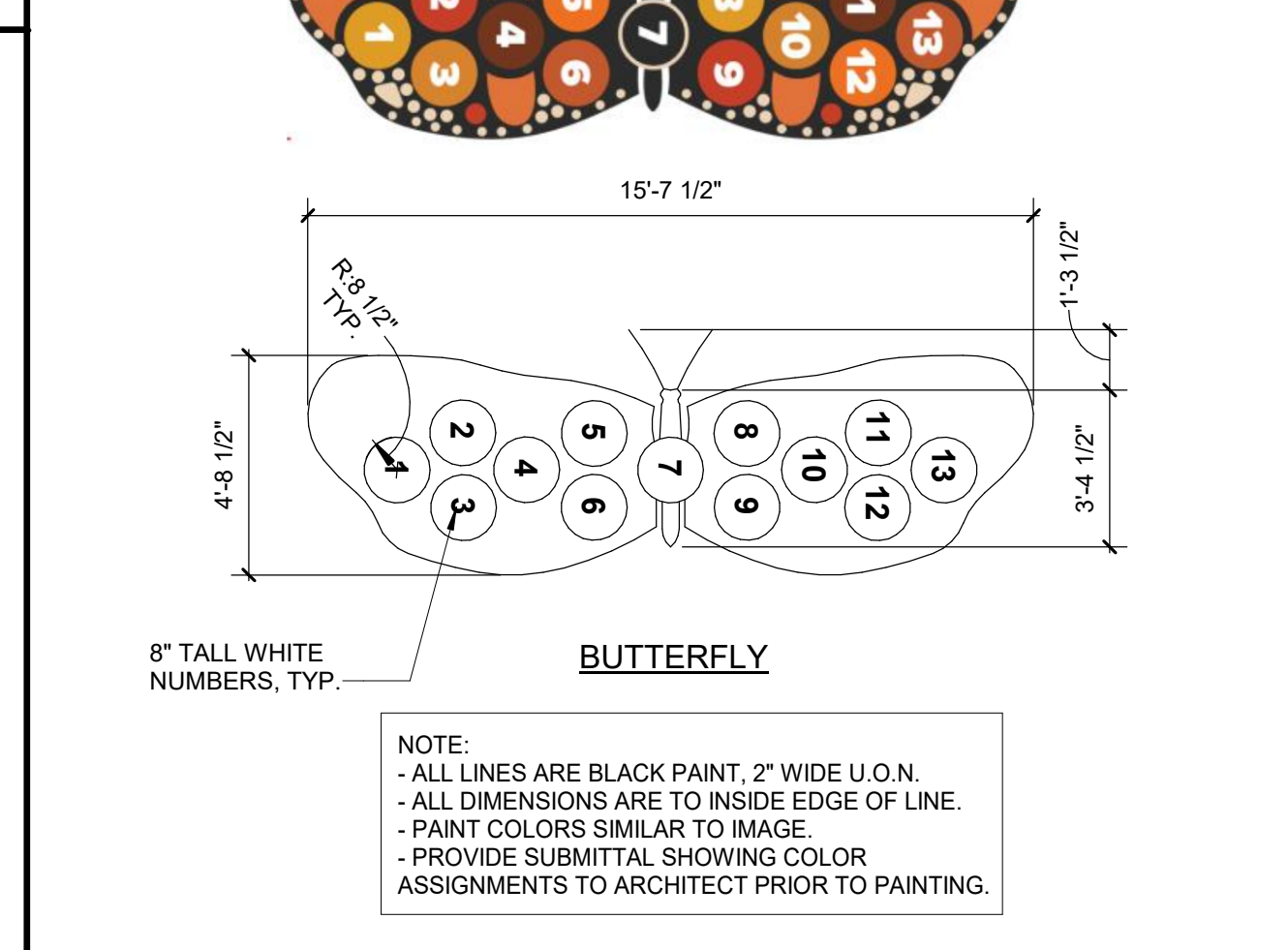
**USA MAP ON HARDCOURT** 17  
1" = 10'-0"



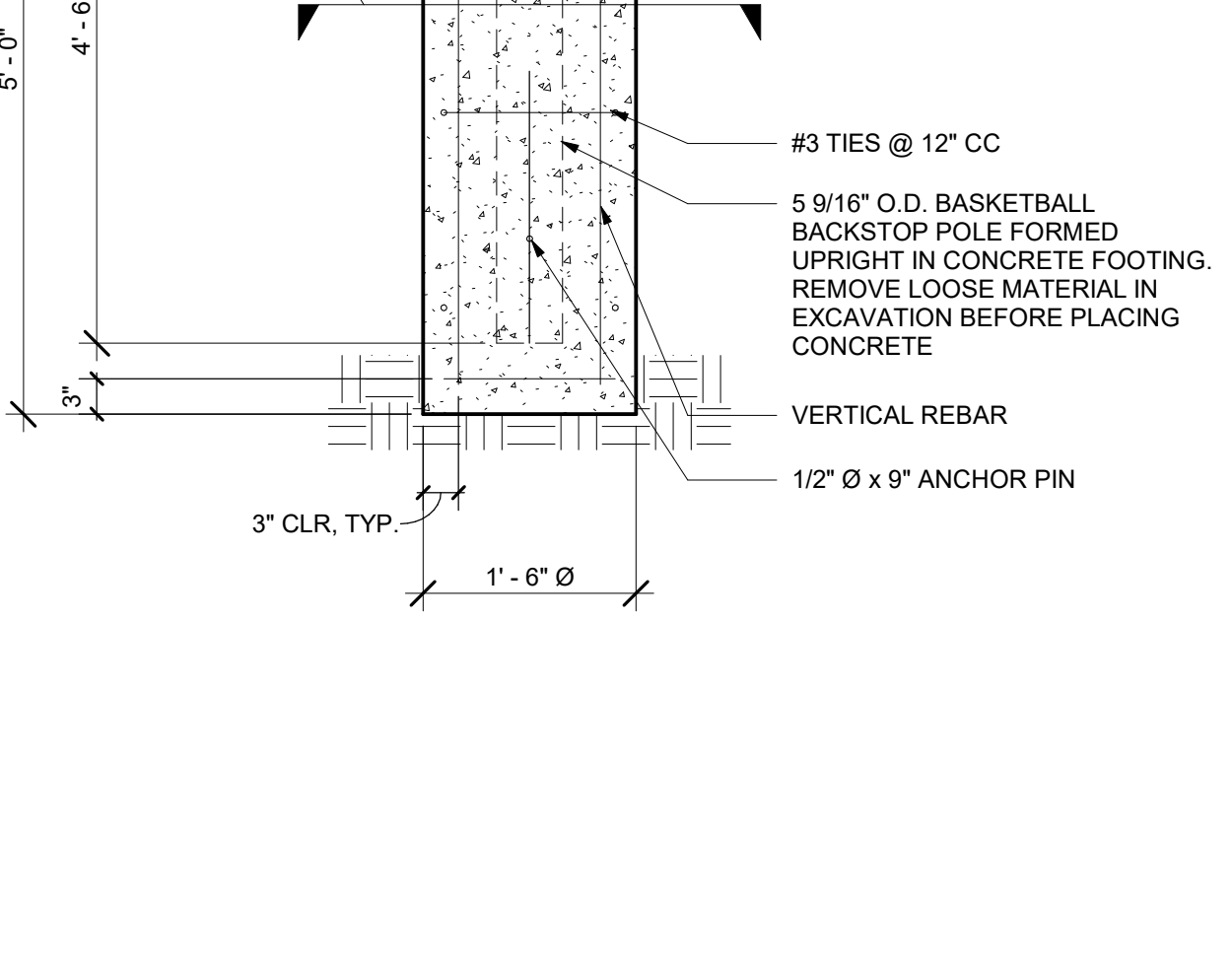
**PLAYGROUND STRIPING** 18  
1" = 1'-0"



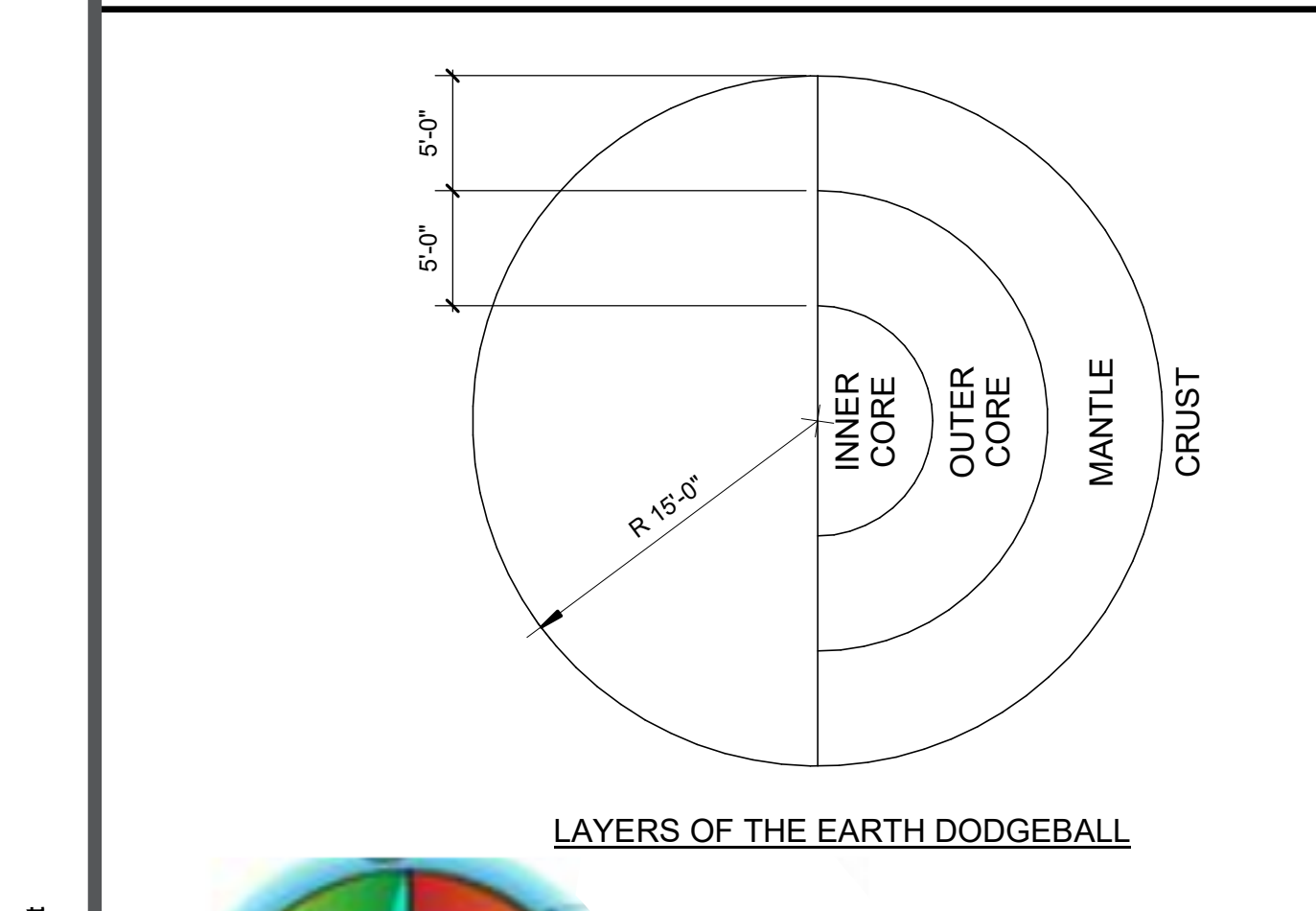
**SPECIALTY HOPSCOTCH** 8  
1/4" = 1'-0"



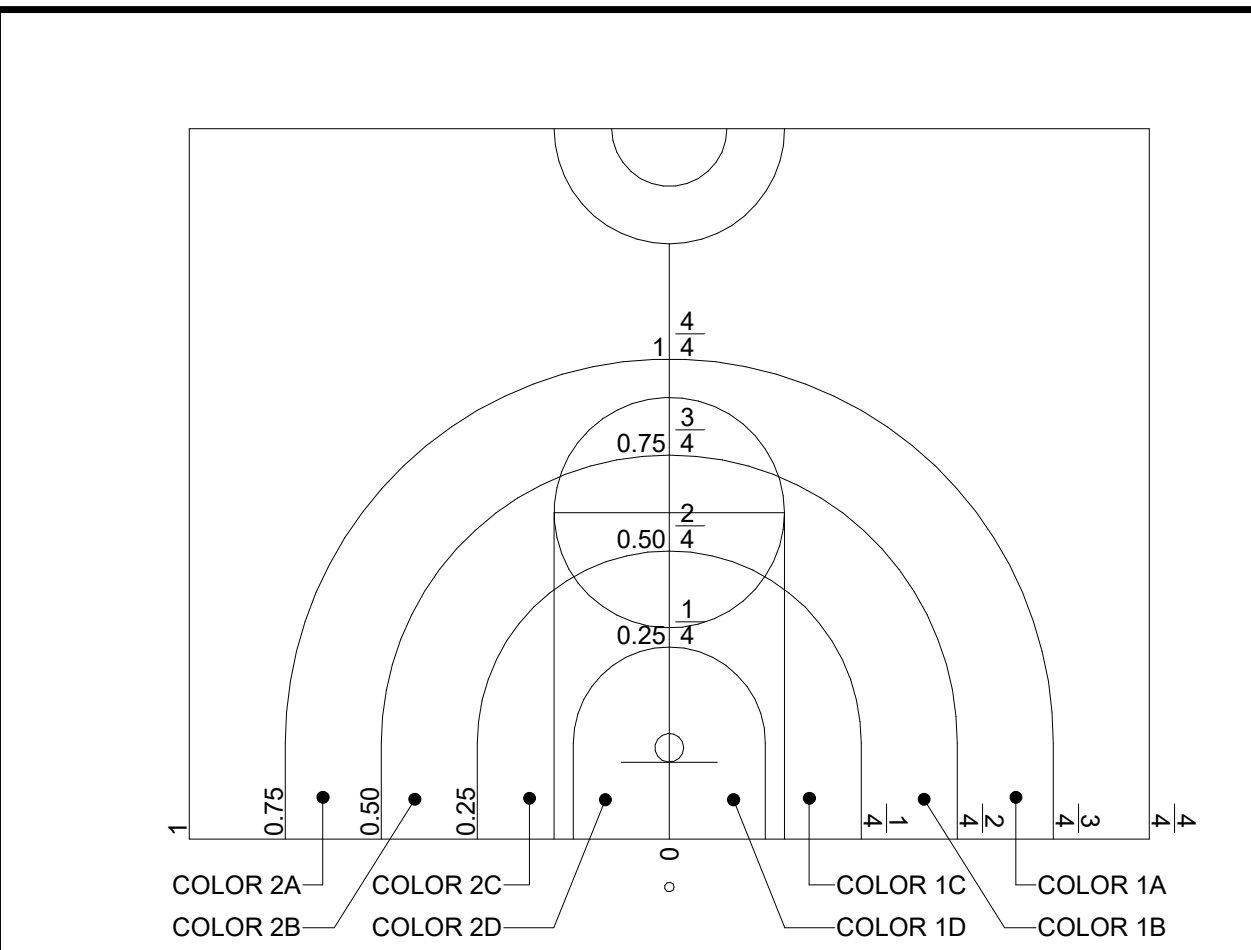
**BUTTERFLY**



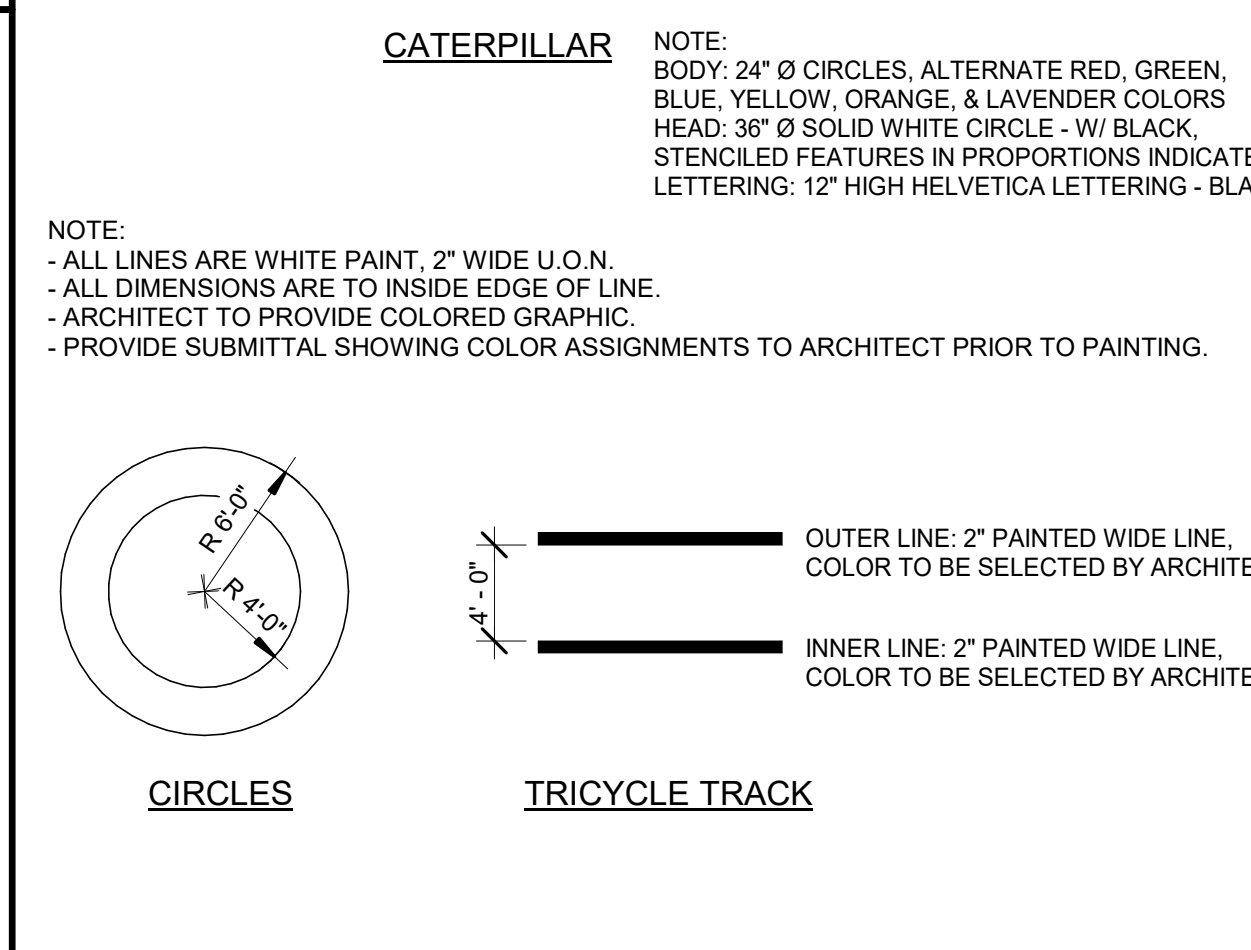
**BASKETBALL BACKSTOP FOOTING** 3  
3/4" = 1'-0"



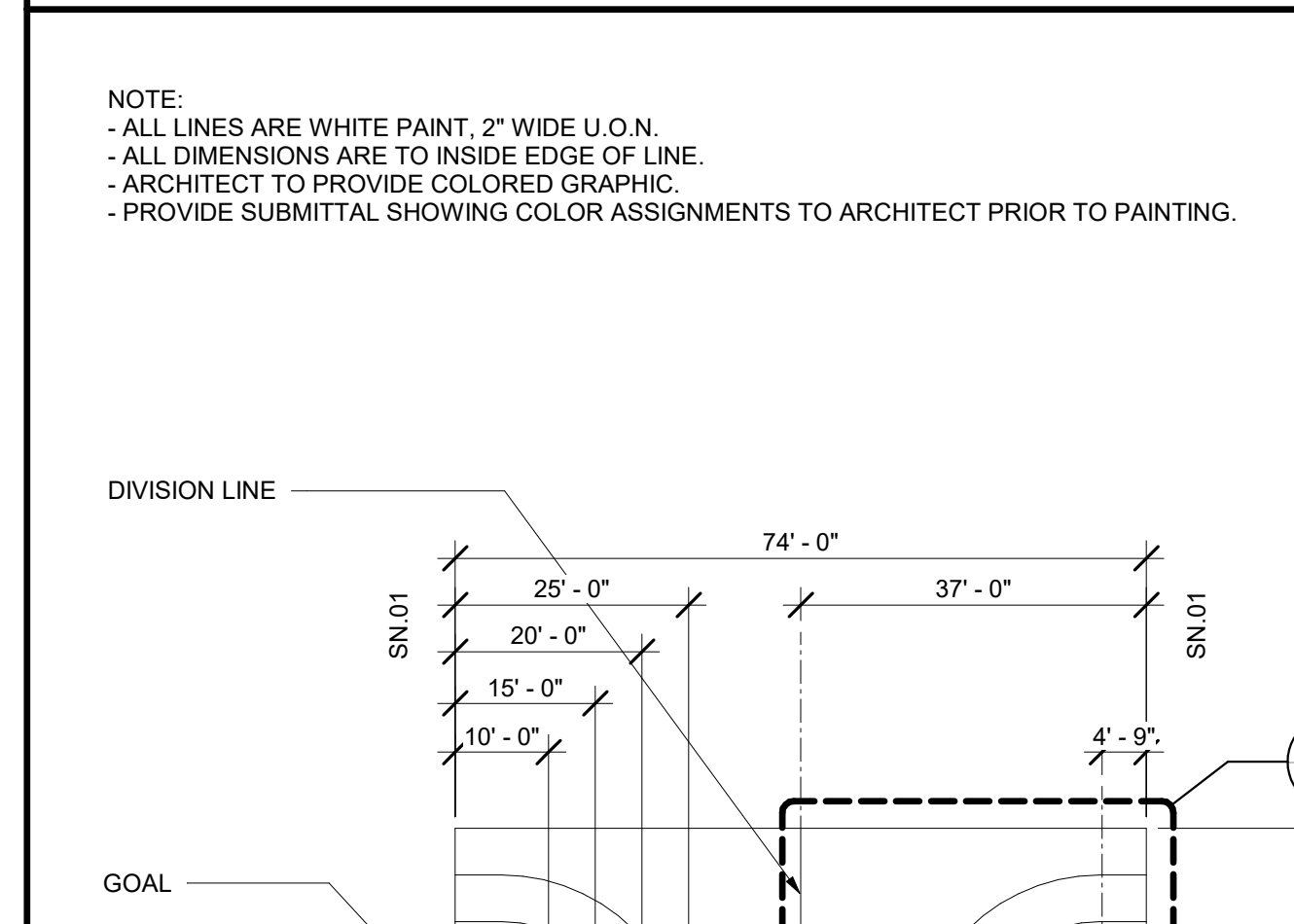
**LAYERS OF THE EARTH DODGEBALL**



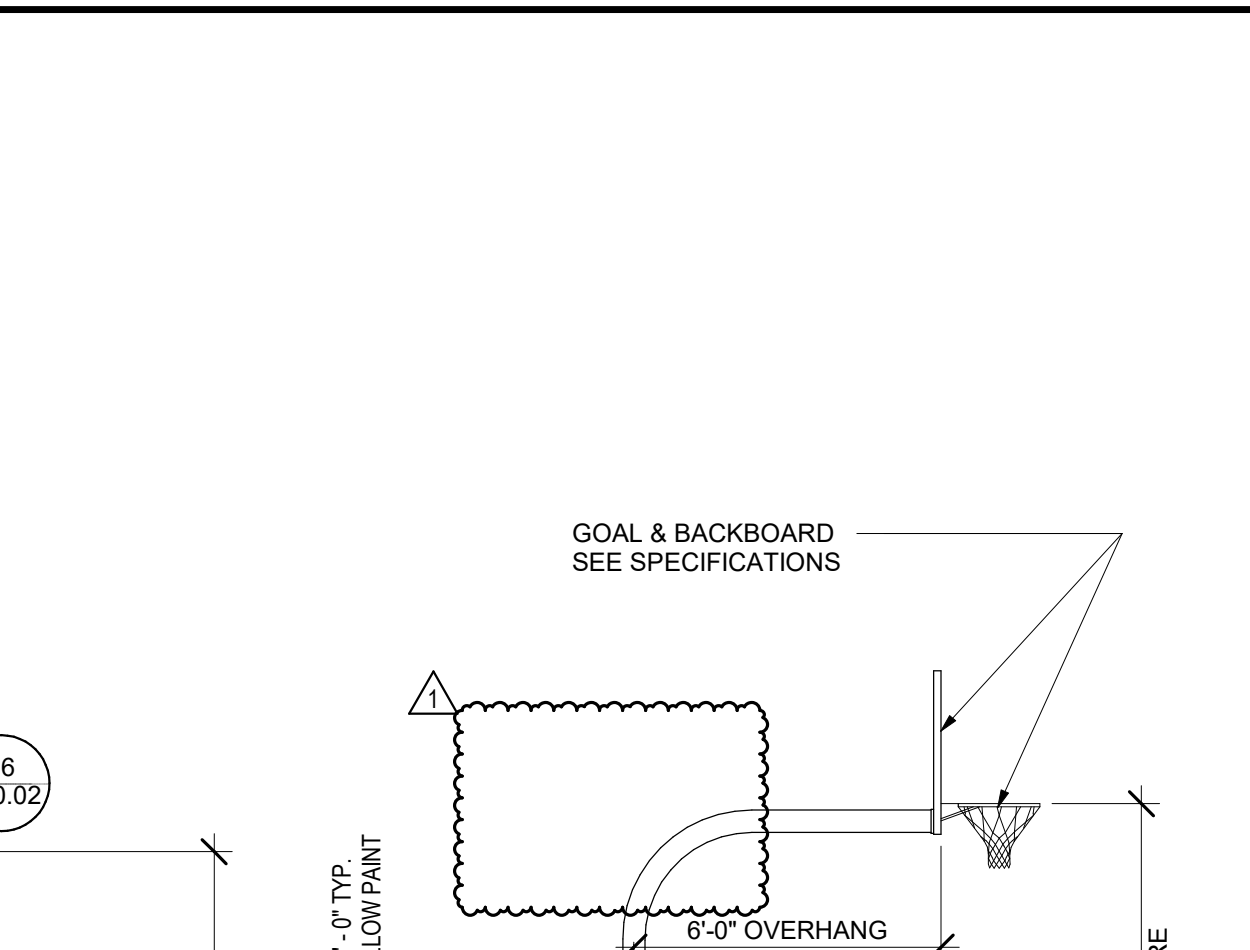
**ENLARGED FRACTION BALL** 16  
1" = 10'-0"



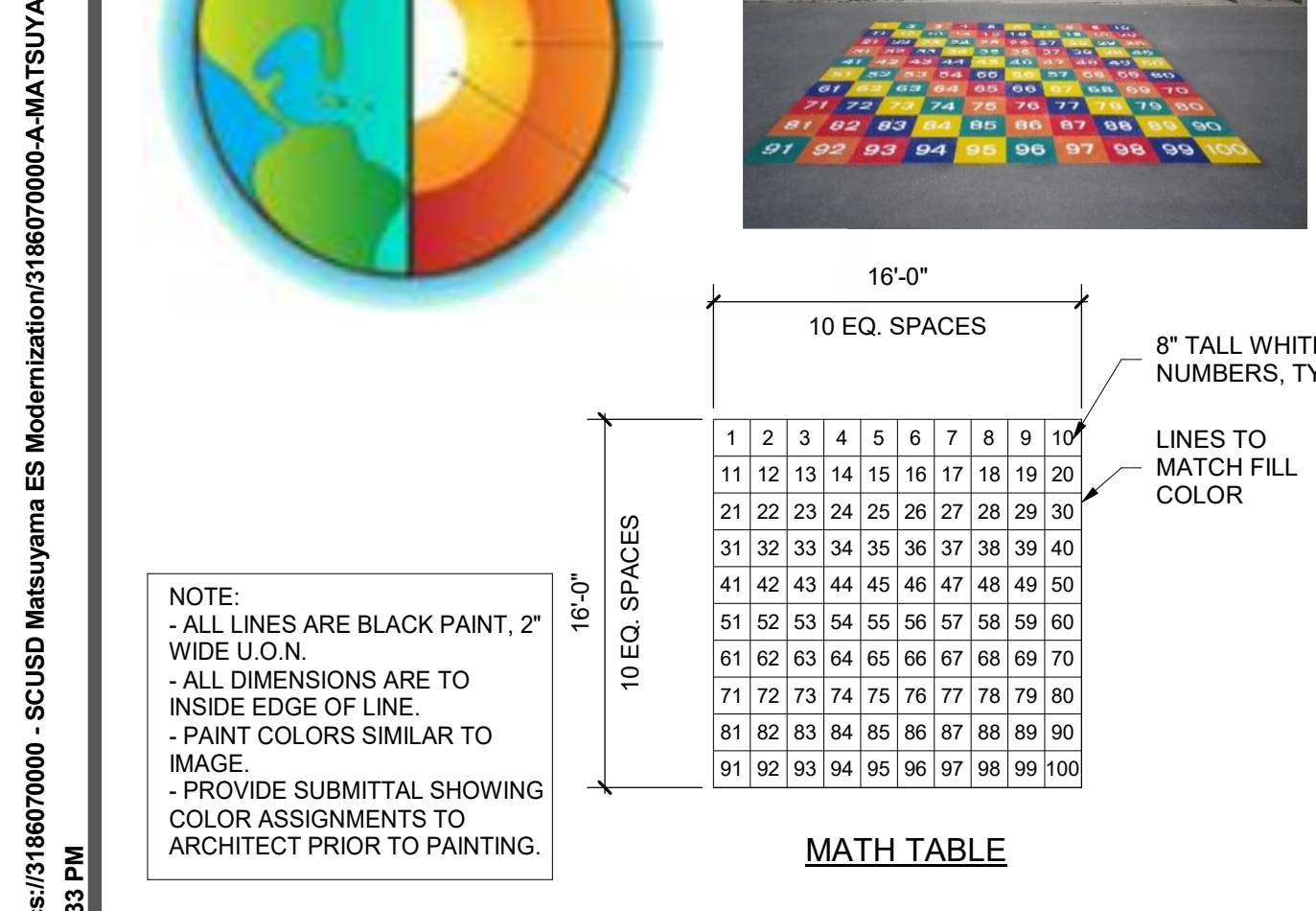
**KINDERGARTEN STRIPING** 12  
18" = 1'-0"



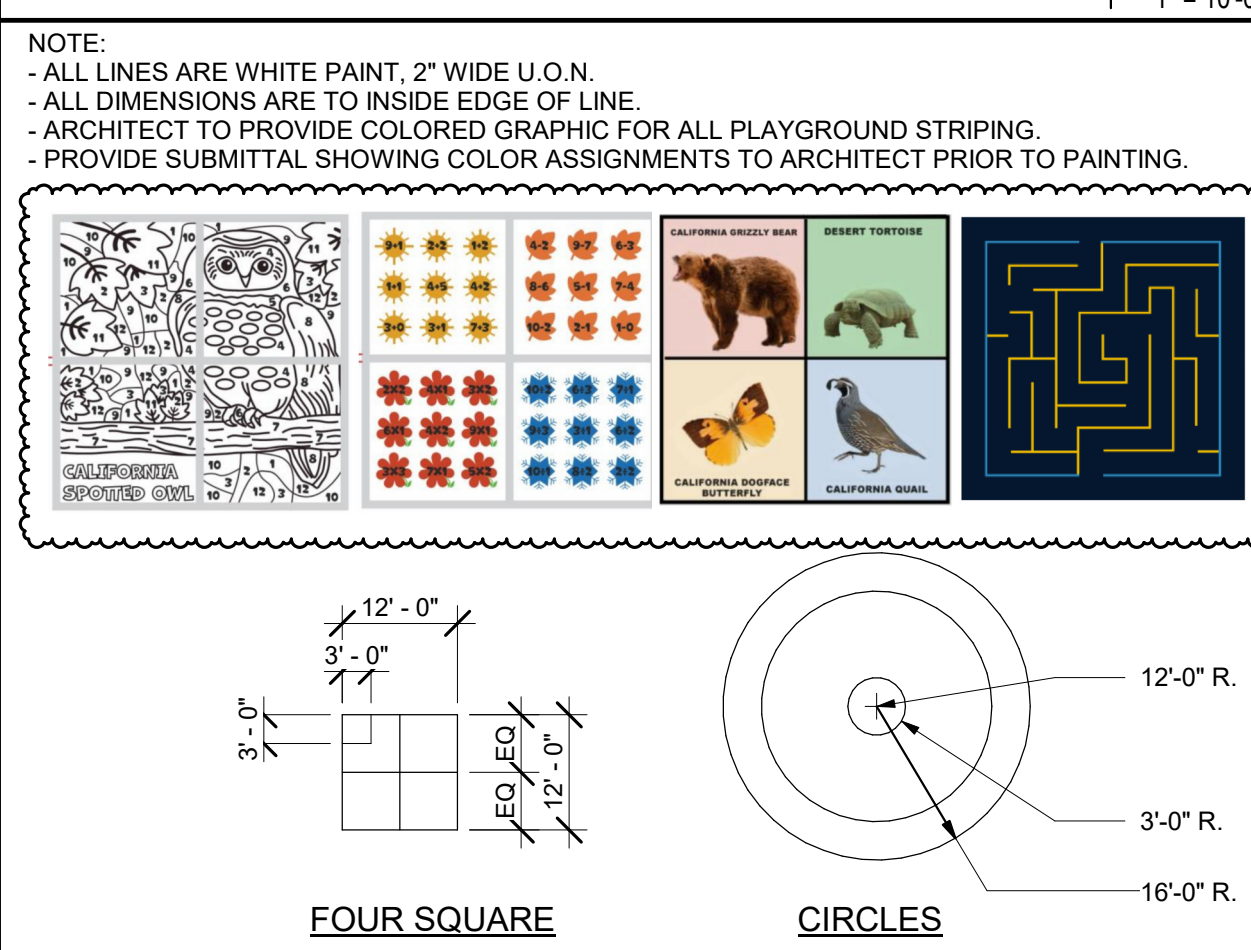
**FRACTION BALL**



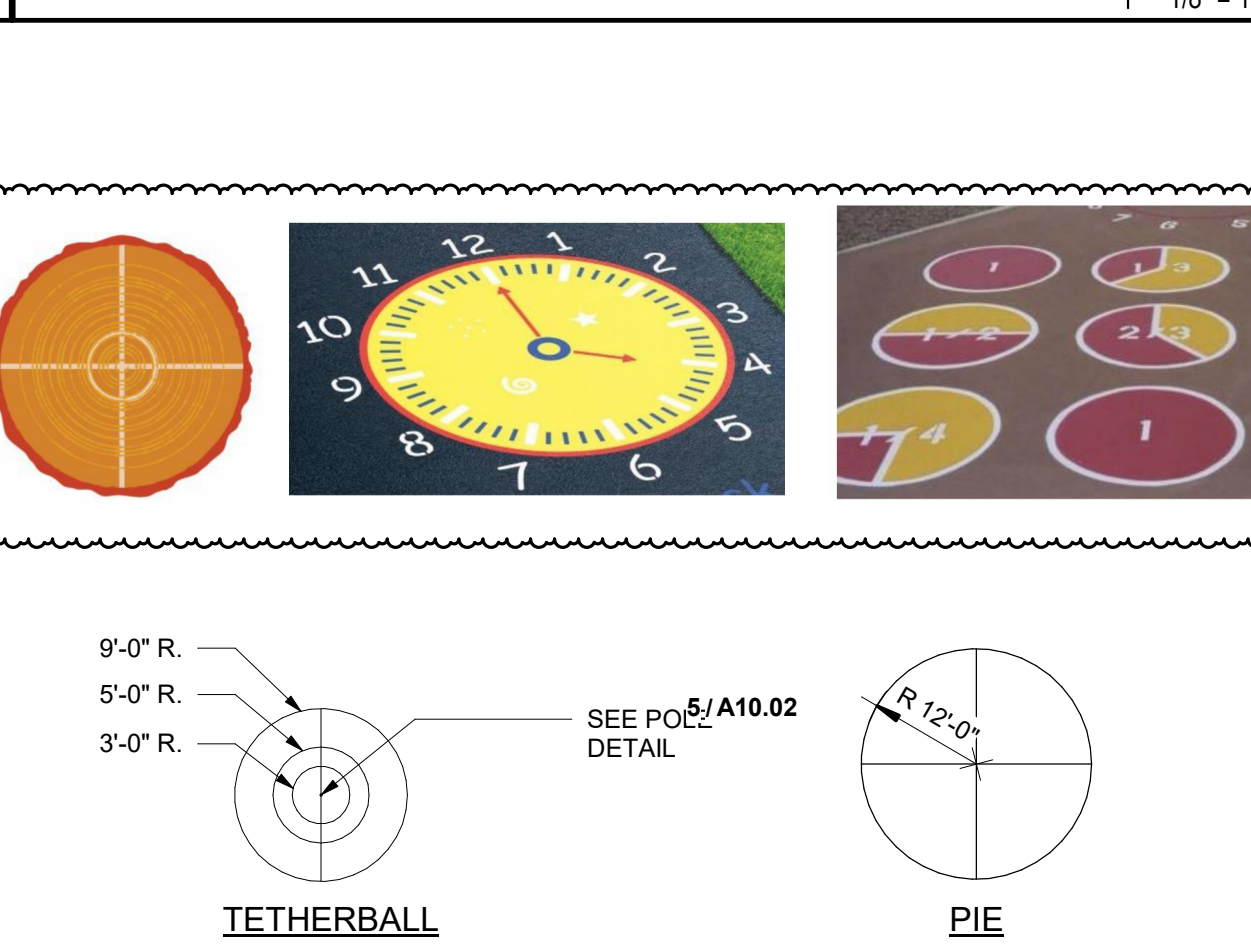
**FRACTION BALL COURT & GOAL** 1  
1" = 20'-0"



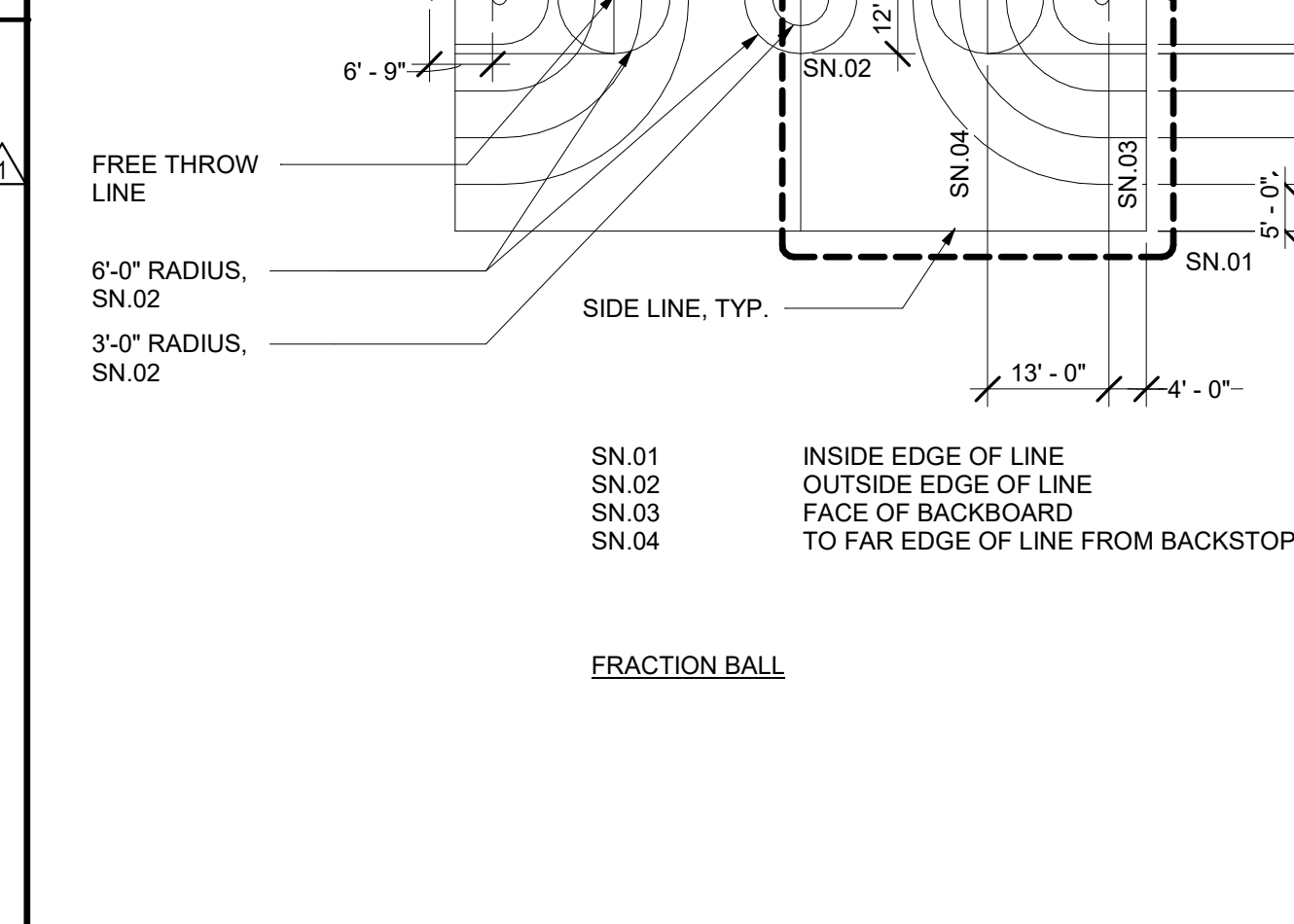
**PLAYGROUND STRIPING** 20  
18" = 1'-0"



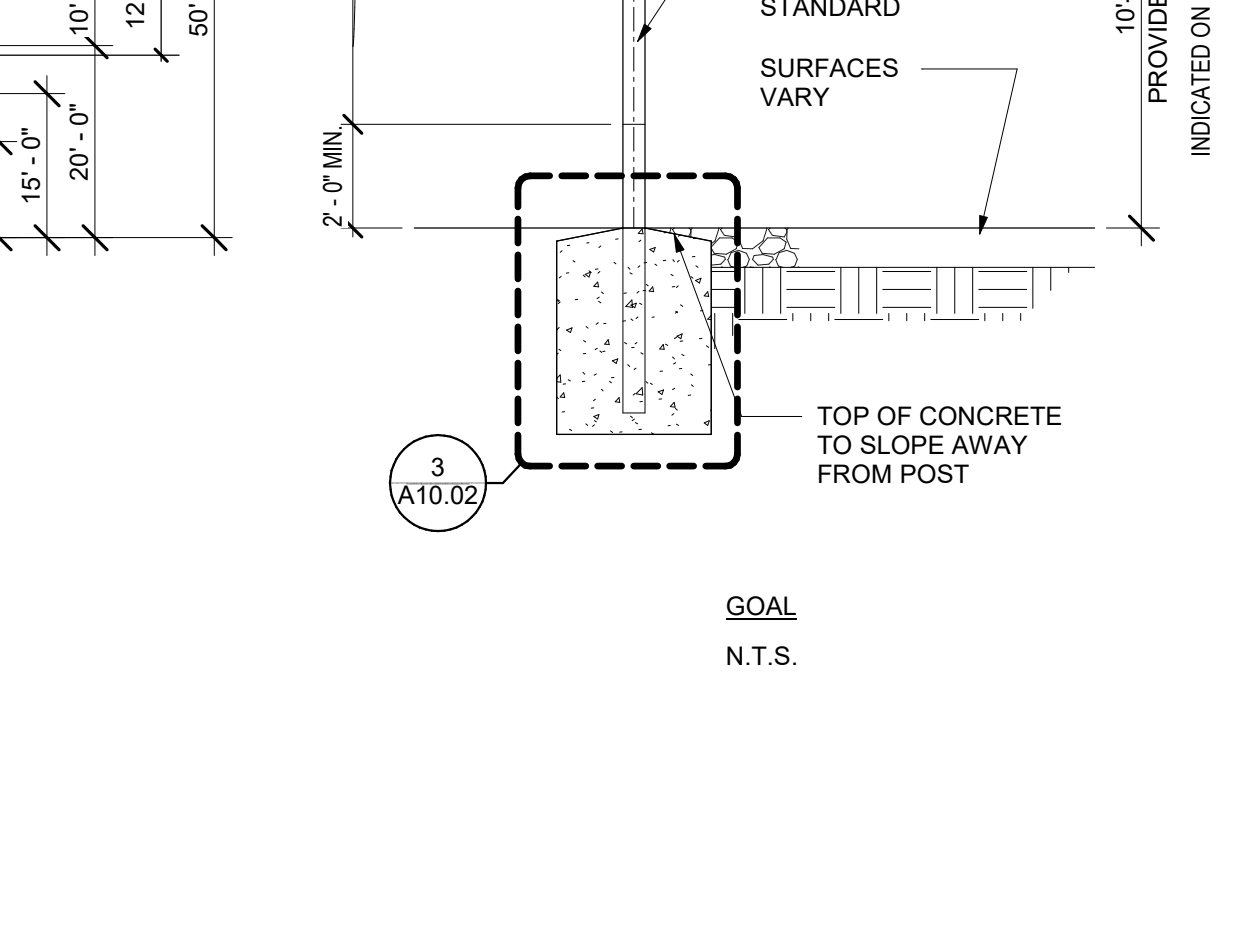
**PLAYGROUND STRIPING & EQUIPMENT** 11  
1" = 20'-0"



**PLAYGROUND STRIPING & EQUIPMENT** 11  
1" = 20'-0"



**PLAYGROUND STRIPING & EQUIPMENT** 11  
1" = 20'-0"



**PLAYGROUND STRIPING & EQUIPMENT** 11  
1" = 20'-0"



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| 1     | ADDENDUM #1 | 03/01/2024 |



**FACILITY**

**PROJECT**

**SHEET NAME**

**DATE** 01/04/2024 **CLIENT PROJ NO.** 3186-070-000

**SHEET**

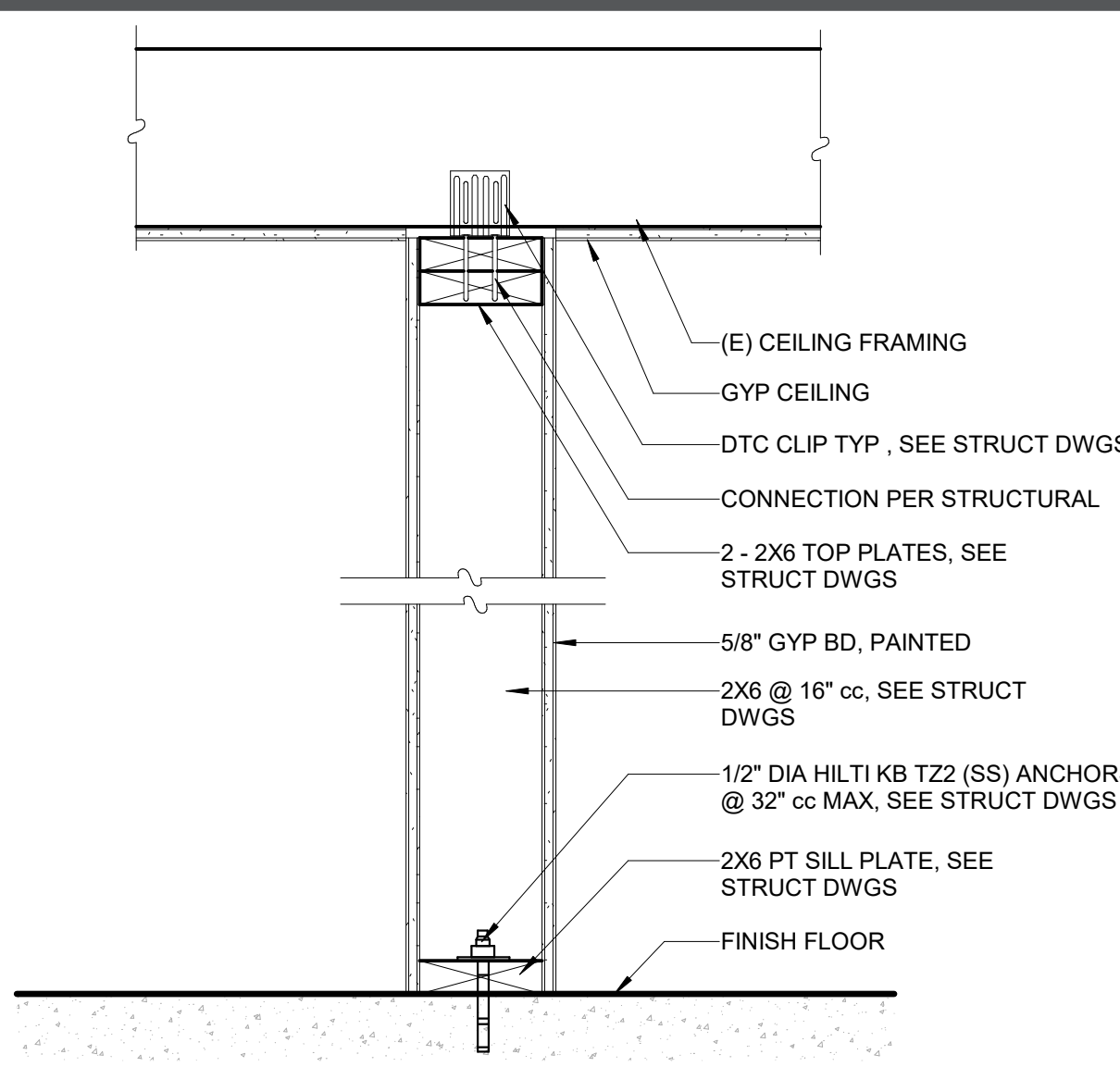
**PLEASE RECYCLE**

**DSA SUBMITTAL**

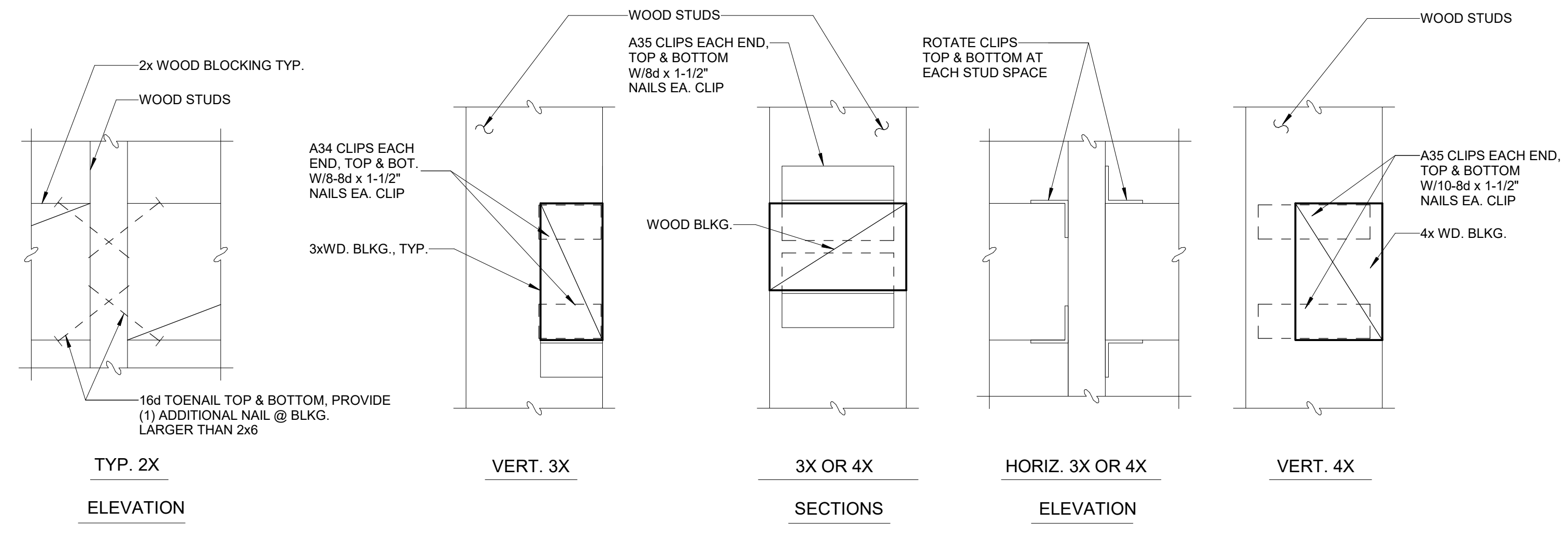
**A10.02**



THE LINE SHOWN ABOVE THE SHEET IS NOT TO SCALE



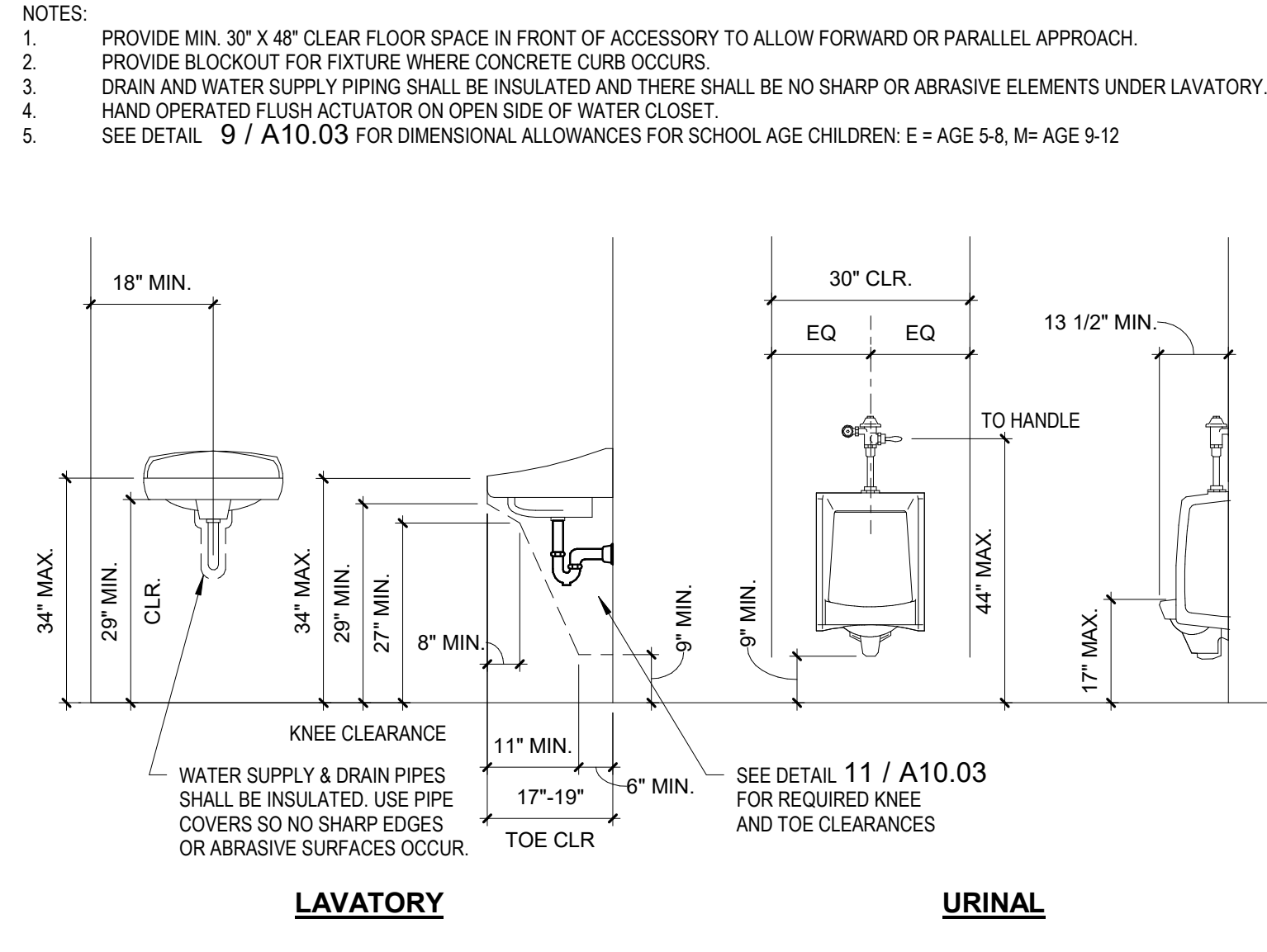
**KITCHEN WALL** 10  
1 1/2" = 1'-0"



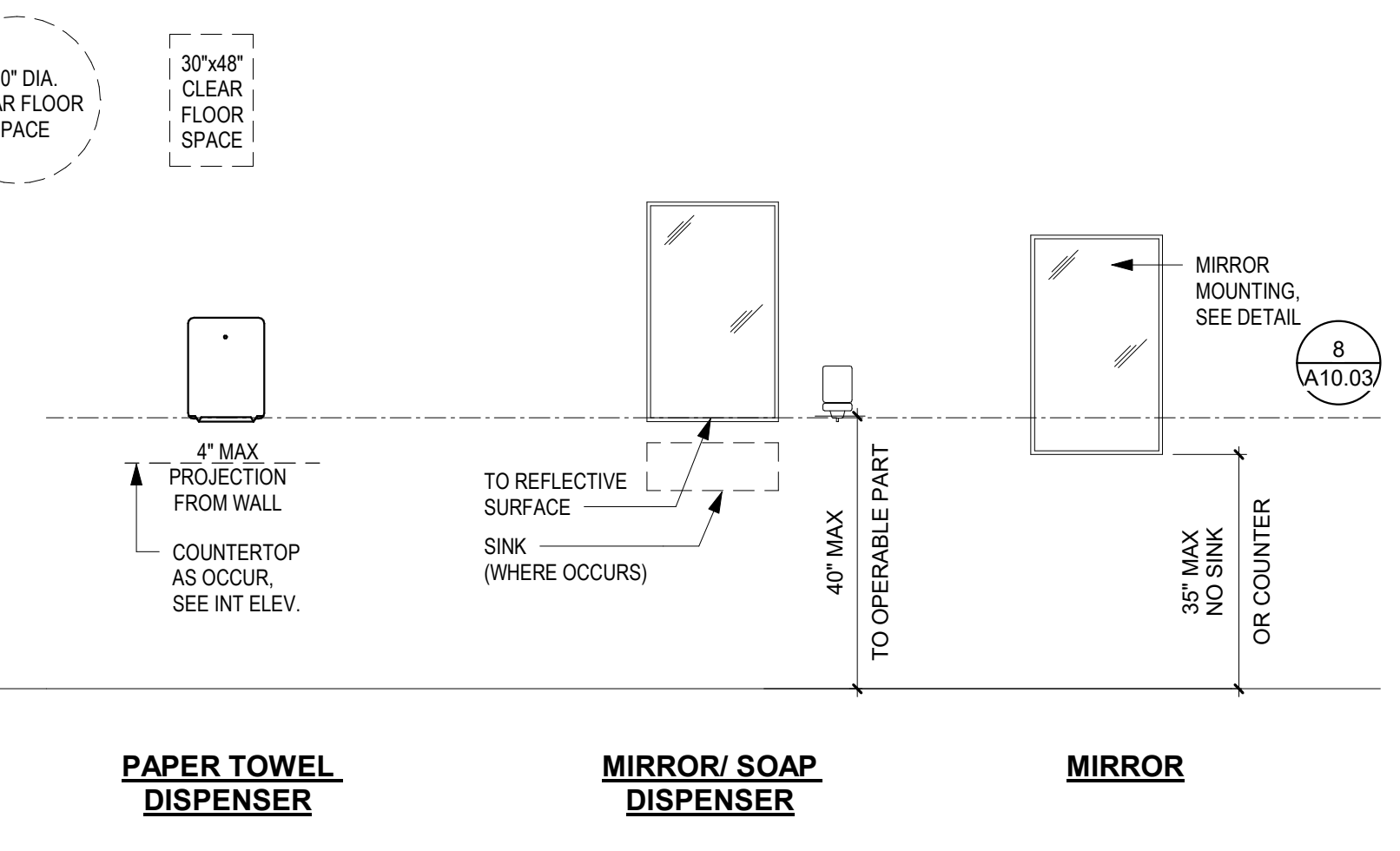
**TYPICAL WOOD BLOCKING** 4  
3" = 1'-0"

**TABLE 11B-604.9  
SUGGESTED DIMENSION FOR CHILDREN'S USE**

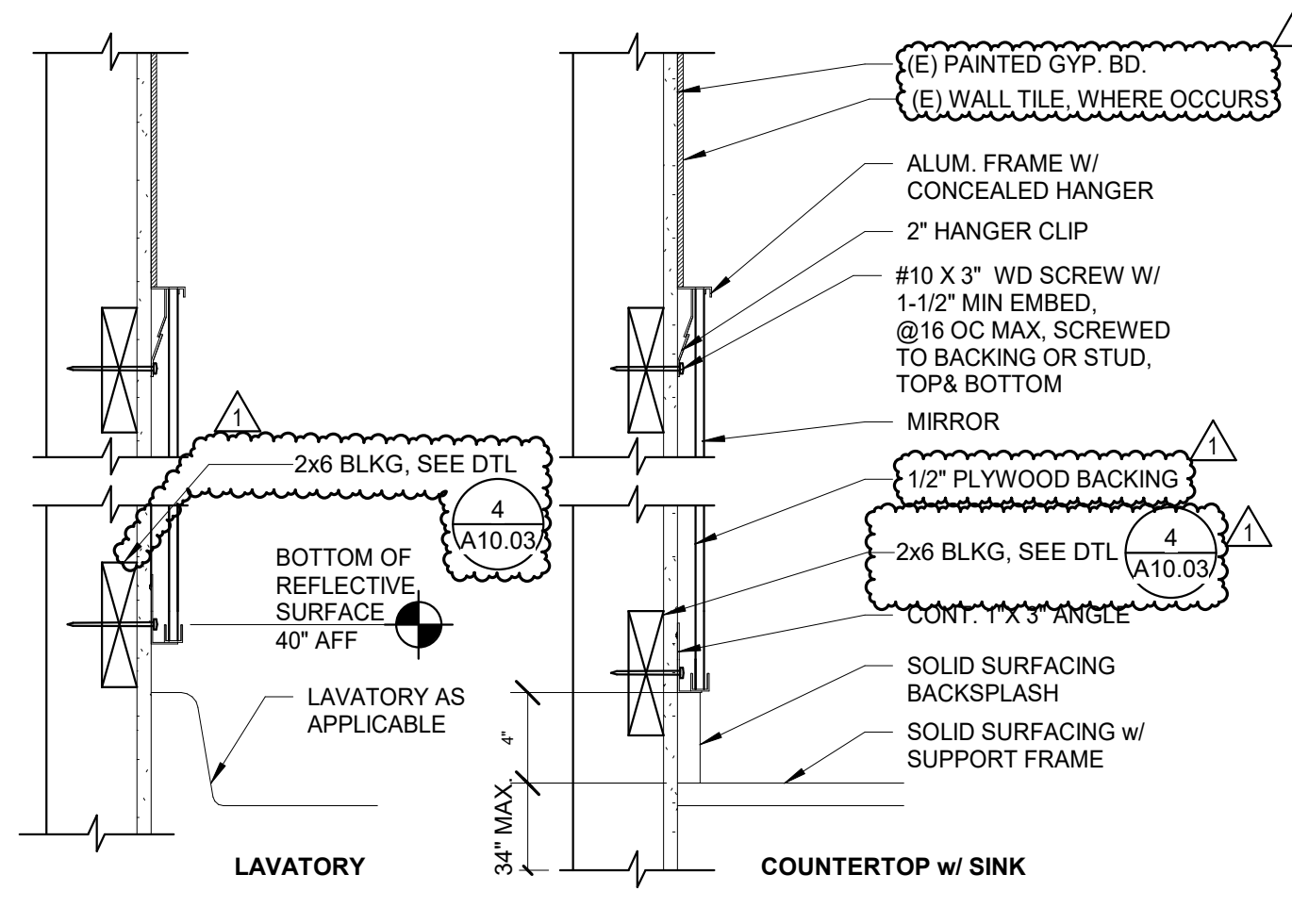
|                              | "KINDERGARTEN" (BUILDING 3) = AGE 5 THROUGH 8   | "ELEMENTARY" = AGE 9 THROUGH 12 |
|------------------------------|---|---------------------------------|
| WATER CLOSET CENTERLINE      | 12 IN. - 15 IN.   | 15 IN.                          |
| WATER CLOSET SEAT HEIGHT     | 12 IN. - 15 IN.   | 15 IN.                          |
| GRAB BAR HEIGHT AND HANDRAIL | 20 IN. - 25 IN.   | 25 IN.                          |
| TP DISPENSER HEIGHT          | 14 IN. - 17 IN.   | 17 IN.                          |
| URINAL LIP                   | 13 IN. MIN. - 17 IN. MAX.   | 15 IN. MIN. - 17 IN. MAX.       |
| URINAL FLUSH VALVE           | 32 IN. MIN. - 44 IN. MAX.   | 37 IN. MIN. - 44 IN. MAX.       |
| DRINKING FOUNTAIN BUBBLER    | PARALLEL APPROACH IF 30 INCHES MAX AFF, 3-1/2" MAX FROM FRONT EDGE OF DF, INCLUDING BUMPERS | 32 IN. MIN. - 36 IN. MAX.       |
| DISPENSER REACH HEIGHT       | 32 IN. MIN. - 40 IN. MAX.   | 36 IN. MIN. - 40 IN. MAX.       |



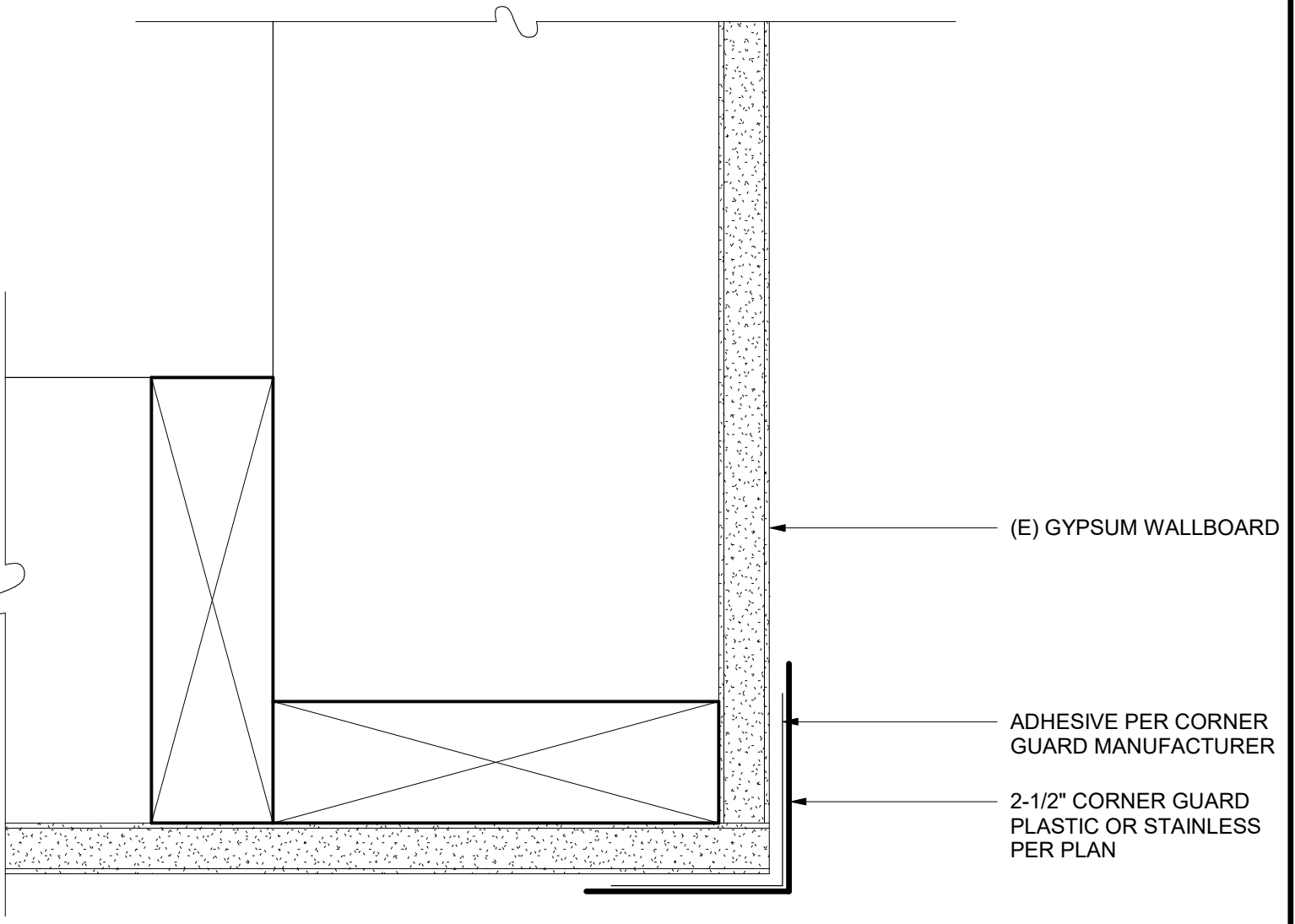
**DIM. ALLOWANCE FOR CHILDREN** 9  
6" = 1'-0"



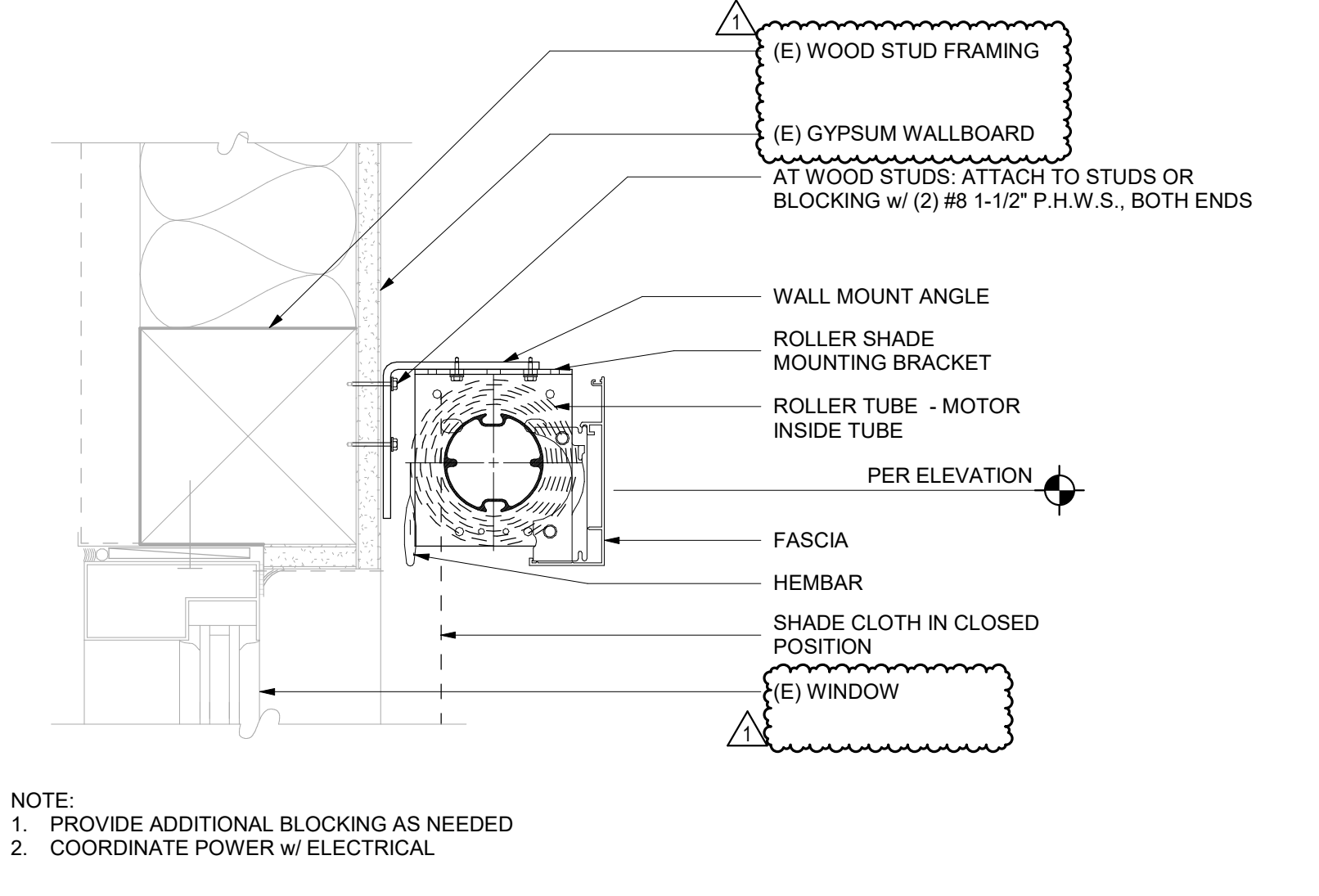
**STANDARD ACCESSIBLE FIXTURE & ACCESSORY MOUNTING** 3  
1/2" = 1'-0"



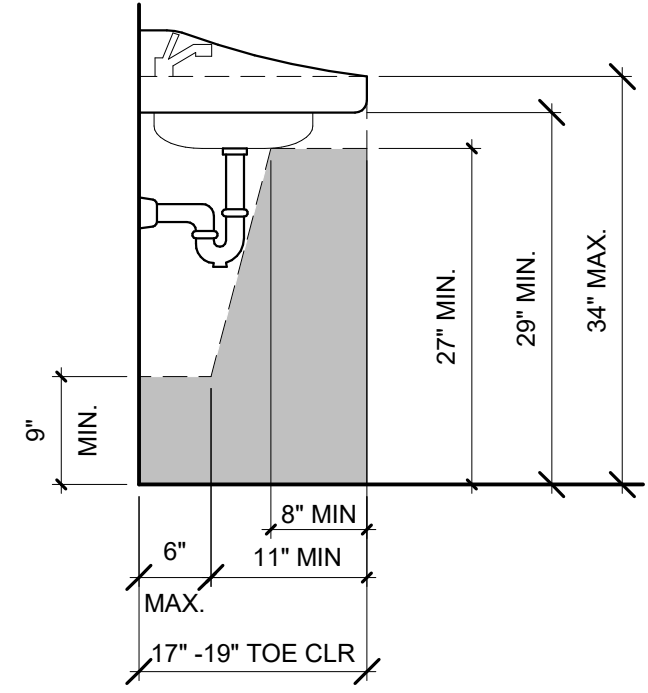
**MIRROR @ RESTROOM** 8  
1 1/2" = 1'-0"



**CORNER GUARD - PLASTIC** 6  
6" = 1'-0"

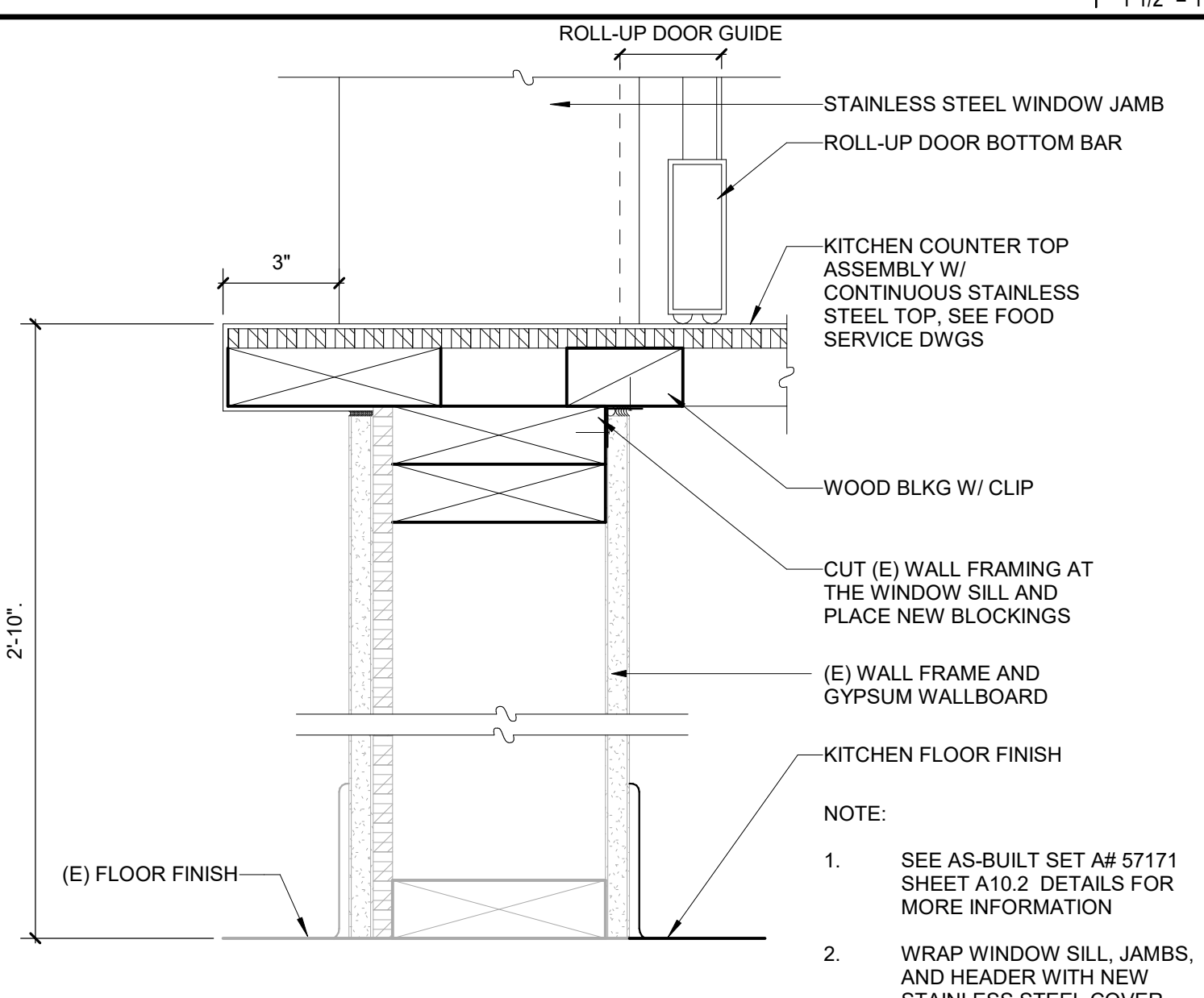


**ROLLER WINDOW SHADE - WALL** 2  
3" = 1'-0"

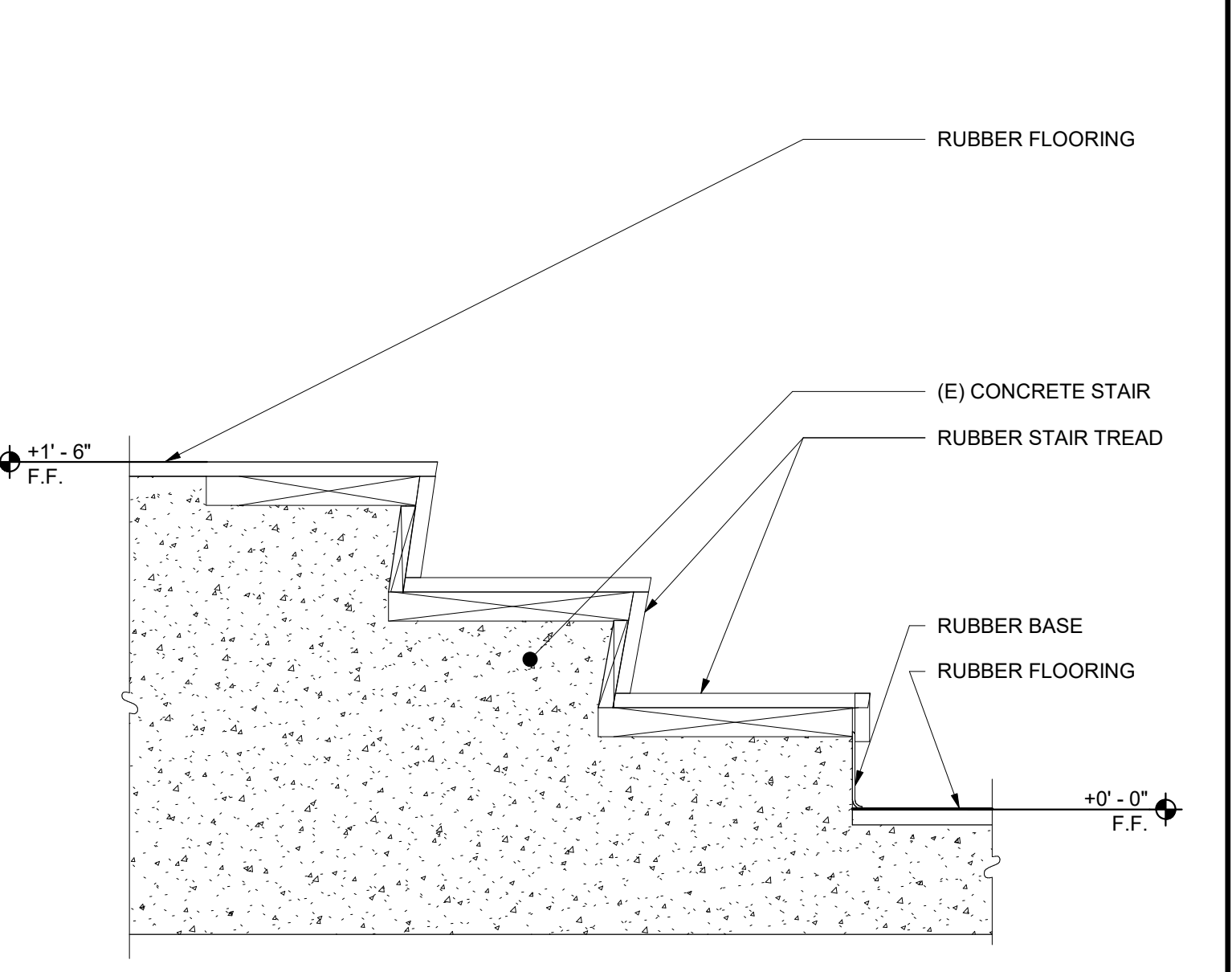


**NOTES:**  
 1. KNEE AND TOE SPACE (SHADED AREA) SHALL BE PROVIDED AS REQUIRED BY C.B.C. 11B-306.3. WATER AND DRAIN PIPES UNDER SINKS SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.  
 2. SHADED AREA IS THE ACCESSIBLE CLEAR SPACE.  
 3. SINK DEPTH 6" MAX.

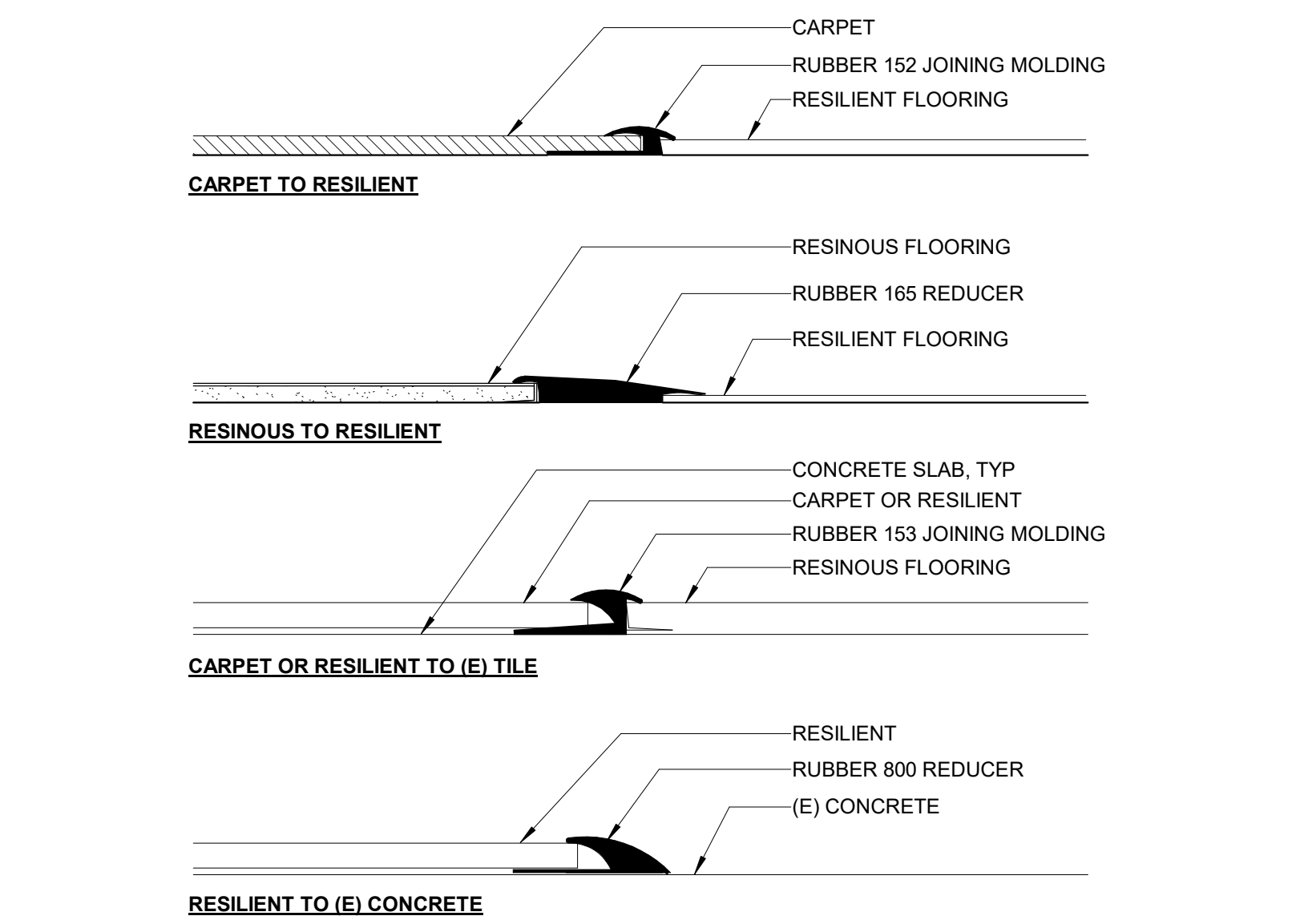
**REQUIRED KNEE & TOE CLEARANCES** 11  
3/4" = 1'-0"



**ROLL-UP COUNTER DOOR - SILL** 7  
3" = 1'-0"



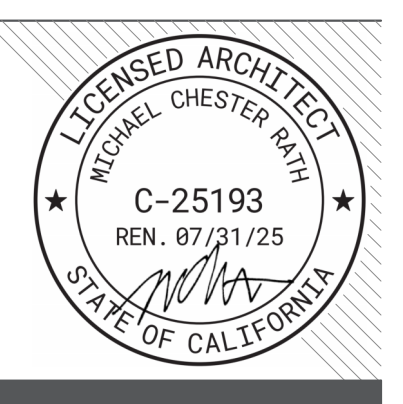
**STAIRS @ STAGE** 5  
1 1/2" = 1'-0"



**FLOORING TRANSITIONS** 1  
6" = 1'-0"



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**ISSUE**

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| 1. ADDENDUM #1 | 03/01/2024 |

**KEYNOTES**

**NOTES**

FACILITY:  
**MATSUYAMA ELEMENTARY SCHOOL**  
7680 WINDBRIDGE DRIVE  
SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**INTERIOR DETAILS**

**DSA SUBMITTAL**

DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000

SHEET:

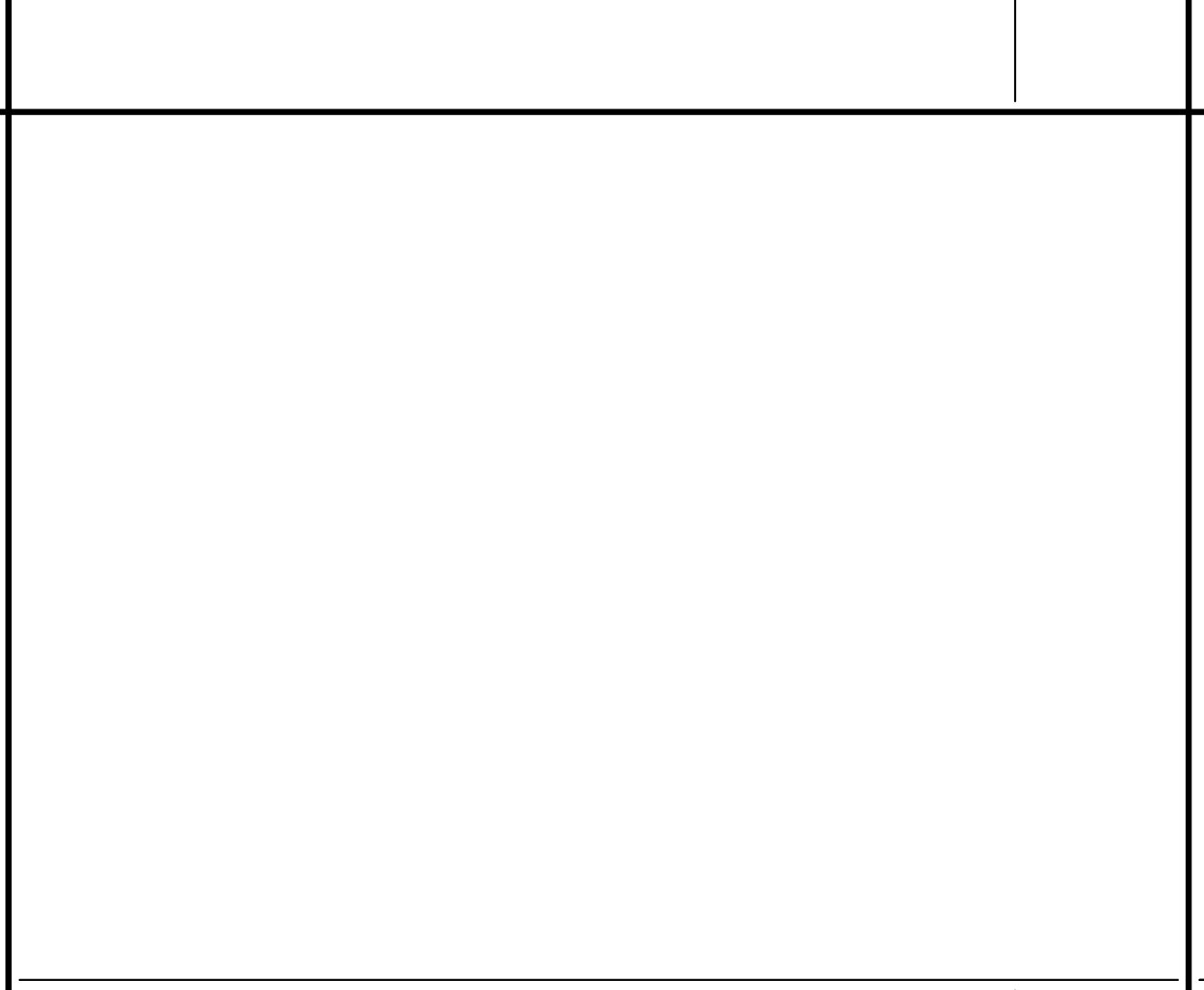
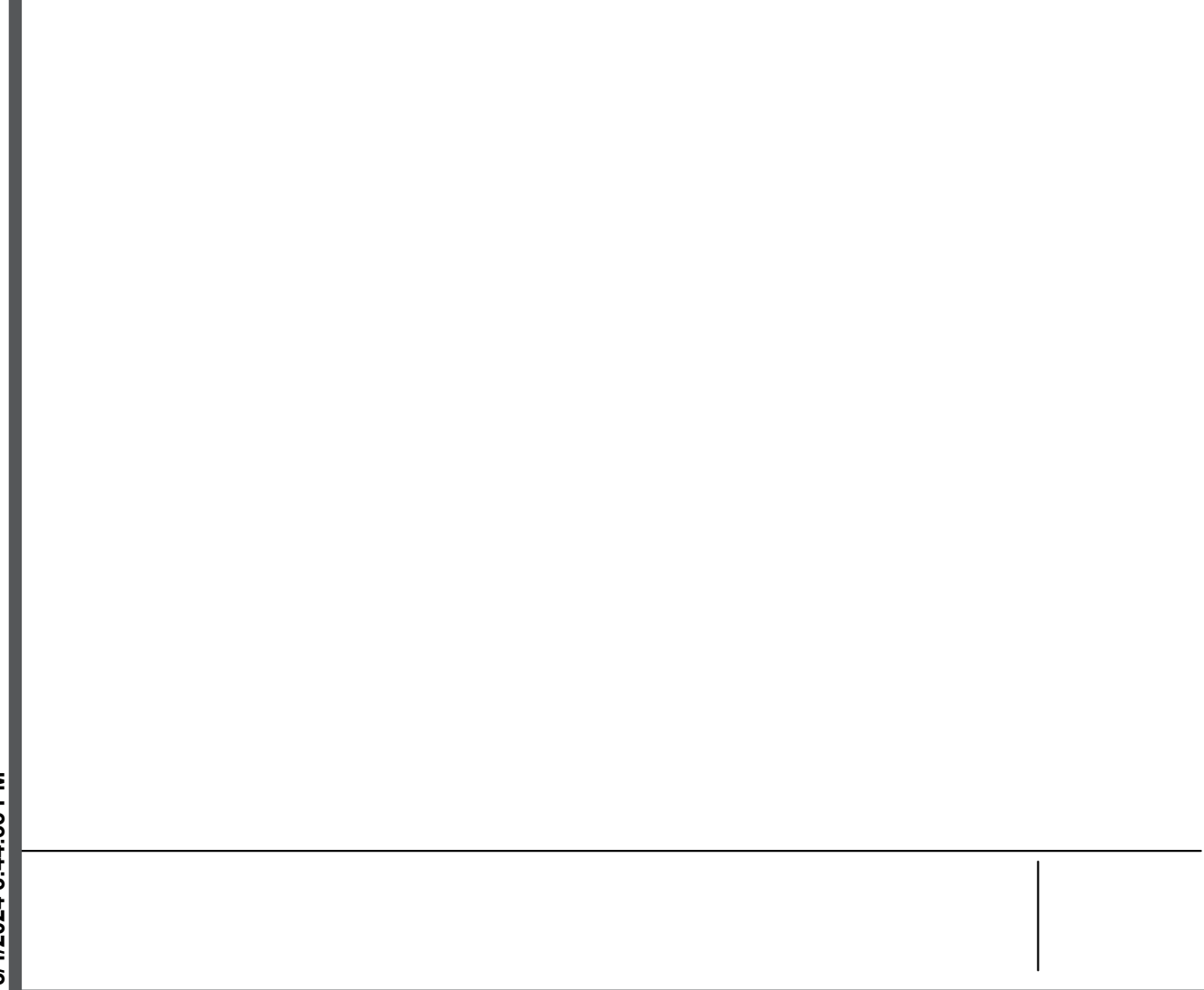
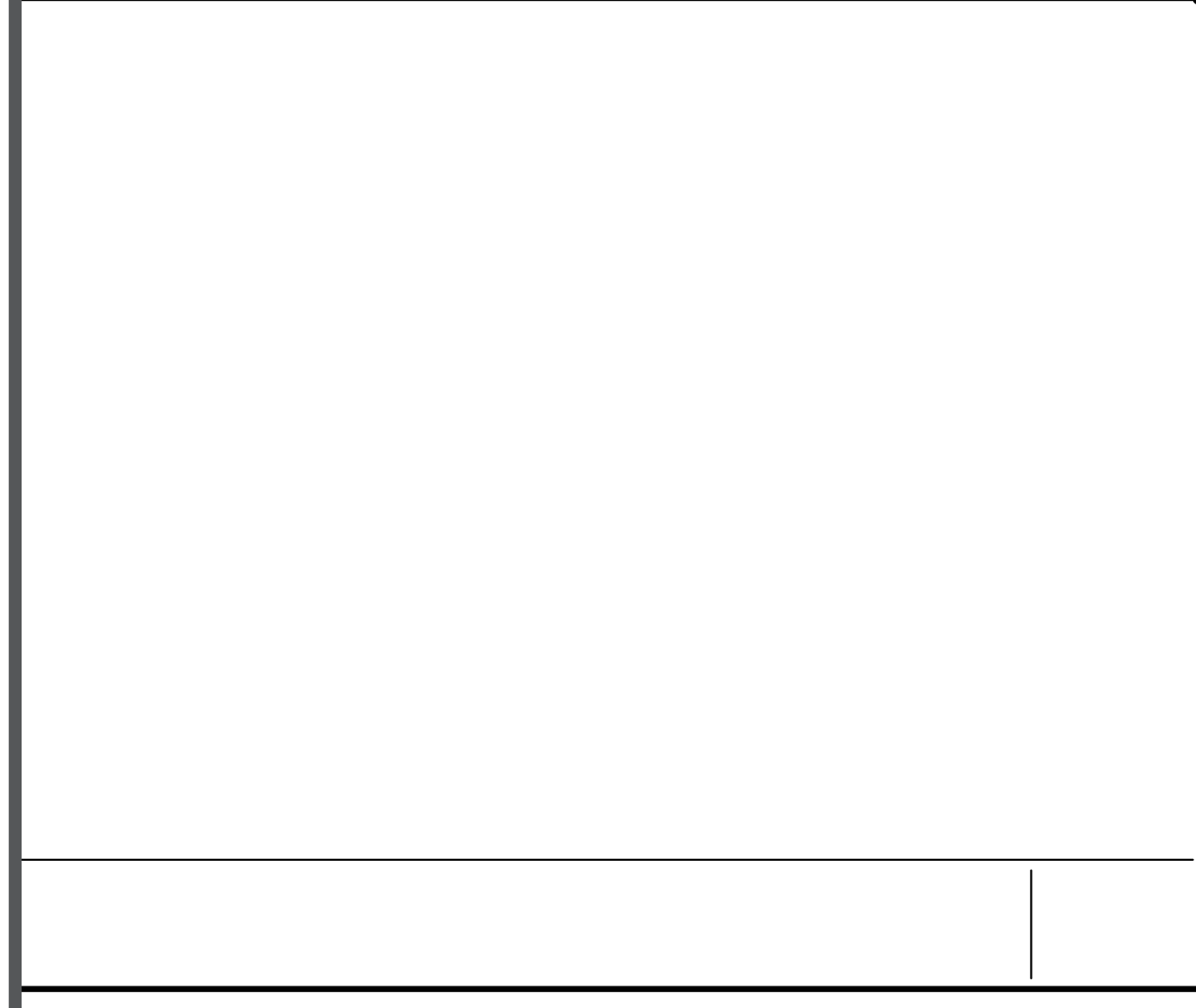
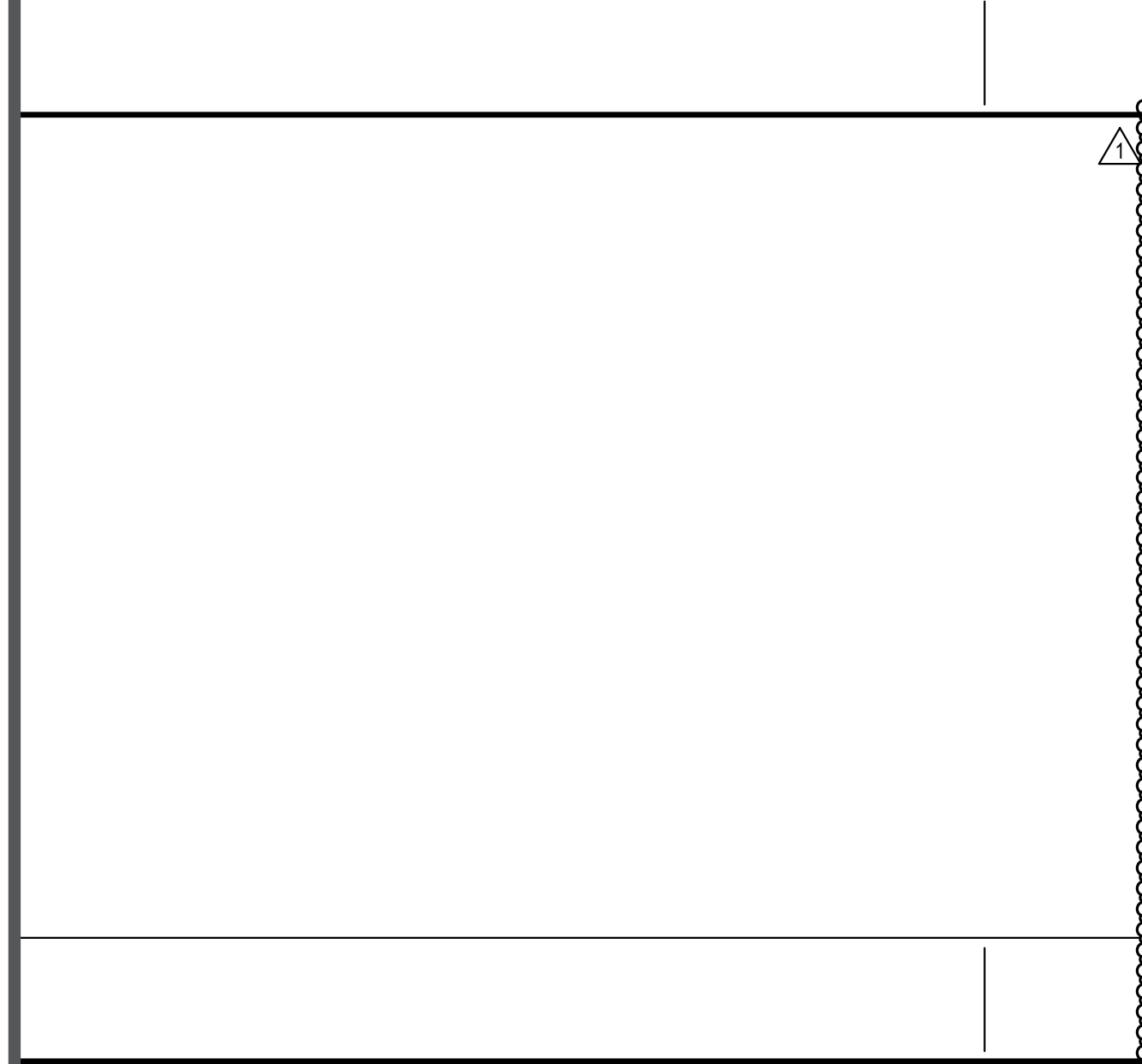
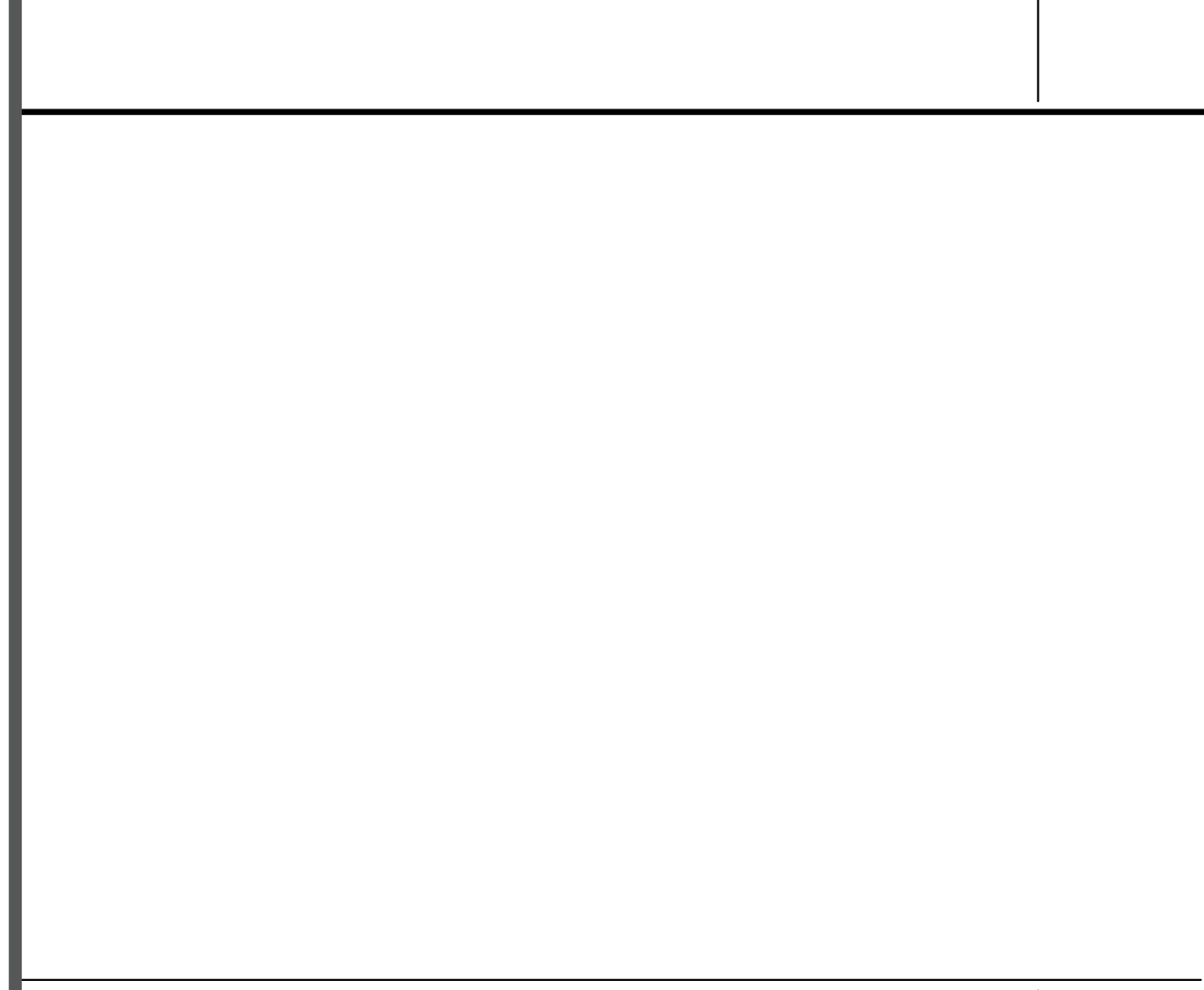
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**TOILET ROOM WALL SIGNAGE - TYPE G1, G2, G3** **14**  
3" = 1'-0"

NOTES:  
1. SIGN MATERIAL SHALL BE 1/8" ACRYLIC PLASTIC WITH 1/32" RAISED GRAPHICS AND LETTERS.  
2. REFER TO 1 / A10.04 FOR MOUNTING HEIGHT.  
3. SIGN LETTER SHALL BE AT LEAST 5/8" IN HEIGHT. BRAILLE SHALL BE PLACED AT 3/8" - 1/2" BELOW TACTILE COPY AND SHALL CONSIST OF CALIFORNIA CONTRACTED GRADE 2 BRAILLE.  
4. PICTOGRAMS SHALL BE AT LEAST 6" HIGH

**ASSISTIVE LISTENING DEVICE SIGN (NON-TACTILE) - TYPE D** **18**  
3" = 1'-0"

NOTES:  
1. LOCATE PER DETAIL 1/ A10.04  
2. SIGN COLOR SHALL DISTINCTLY CONTRAST WITH DOOR COLOR  
3. SIGN COLOR SHALL DISTINCTLY CONTRAST WITH DOOR COLOR  
4. 1/4" THICK EQUILATERAL TRIANGLE OVER 1/4" THICK, 1/2" DIAMETER CIRCLE. SEE SPECS  
5. MOUNT WITH SILICONE AND TAMPER-PROOF SCREWS  
6. VERTICES RADIUS 1/8"-1/4" TYP.  
7. EDGES 1/16" RADIUS MIN OR 1/8" CHAMFERED

**BUILDING NAME SIGN - WALL MOUNTED** **16**  
3" = 1'-0"

NOTES:  
1. LOCATE PER DETAIL 1/ A10.04  
2. SIGN COLOR SHALL DISTINCTLY CONTRAST WITH DOOR COLOR  
3. TACTILE CHARACTER STROKE WIDTH 15%  
4. VISUAL CHARACTER STROKE WIDTH 10% - 20%



**TOILET ROOM WALL SIGNAGE - TYPE G1, G2, G3** **14**  
3" = 1'-0"

NOTES:  
1. LOCATE PER DETAIL 1/ A10.04  
2. SIGN COLOR SHALL DISTINCTLY CONTRAST WITH DOOR COLOR  
3. SIGN COLOR SHALL DISTINCTLY CONTRAST WITH DOOR COLOR  
4. 1/4" THICK EQUILATERAL TRIANGLE OVER 1/4" THICK, 1/2" DIAMETER CIRCLE. SEE SPECS  
5. MOUNT WITH SILICONE AND TAMPER-PROOF SCREWS  
6. VERTICES RADIUS 1/8"-1/4" TYP.  
7. EDGES 1/16" RADIUS MIN OR 1/8" CHAMFERED

**ALL GENDER DOOR SIGN - TYPE A3** **13**  
N.T.S.

NOTES:  
1. LOCATE PER DETAIL 1/ A10.04  
2. SIGN COLOR SHALL DISTINCTLY CONTRAST WITH DOOR COLOR

**MENS DOOR SIGN - TYPE A2** **12**  
N.T.S.

NOTES:  
1. LOCATE PER DETAIL 1/ A10.04  
2. SIGN COLOR SHALL DISTINCTLY CONTRAST WITH DOOR COLOR  
3. TACTILE CHARACTER STROKE WIDTH 15%  
4. VISUAL CHARACTER STROKE WIDTH 10% - 20%

**WOMENS DOOR SIGN - TYPE A1** **11**  
N.T.S.

NOTES:  
1. LOCATE PER DETAIL 1/ A10.04  
2. SIGN COLOR SHALL DISTINCTLY CONTRAST WITH DOOR COLOR  
3. TACTILE CHARACTER STROKE WIDTH 15%  
4. VISUAL CHARACTER STROKE WIDTH 10% - 20%



**BUILDING / ROOM IDENTIFICATION SIGN** **9**  
3" = 1'-0"

NOTES:  
1. REFER TO DETAIL 4 / A10.04 FOR CHARACTER AND BRAILLE STANDARD  
2. SIGN MATERIAL SHALL BE 1/8" THICK ACRYLIC PLASTIC WITH 1/32" RAISED BORDER, GRAPHIC AND LETTERS. PROVIDE MECHANICAL MOUNTING WITH VANDAL RESISTANT FASTENERS. COMPLY WITH ARTICLE 4.30 & A4.30 OF ADAAG. (WHEN MOUNTING ON GLAZING USE SILICONE ADHESIVE. PLACE SIGN BACK TO BACK WITH ROOM ID SIGN. SEE DETAILS 8A10.1.1)  
3. SEE FLOOR PLANS FOR LOCATION.

**TACTILE EXIT SIGNAGE - TYPE C** **8**  
3" = 1'-0"

NOTES:  
1. REFER TO DETAIL 4/ A10.04 FOR CHARACTER AND BRAILLE STANDARD  
2. SEE DOOR SCHEDULE FOR TEXT DEFINITION  
3. SIGN MATERIAL SHALL BE 1/8" THICK ACRYLIC PLASTIC WITH 1/32" RAISED BORDER, GRAPHIC AND LETTERS. PROVIDE MECHANICAL MOUNTING WITH VANDAL RESISTANT FASTENERS. COMPLY WITH ARTICLE 4.30 & A4.30 OF ADAAG. (WHEN MOUNTING ON GLAZING USE SILICONE ADHESIVE. PLACE SIGN BACK TO BACK WITH ROOM ID SIGN. SEE DETAILS 8A10.1.1)  
4. SEE FLOOR PLANS FOR LOCATION.

**TACTILE RM IDENTIFICATION SIGN - TYPE B** **7**  
N.T.S.

NOTES:  
1. REFER TO DETAIL 4 / A10.04 FOR CHARACTER AND BRAILLE STANDARDS.  
2. WHERE SIGNAGE IS INSTALLED ON GLASS, SEE DETAIL.

**TACTILE EXIT RAMP DOWN SIGNAGE** **6**  
3" = 1'-0"

NOTES:  
1. REFER TO DETAIL 4 / A10.04 FOR CHARACTER AND BRAILLE STANDARD  
2. SIGN MATERIAL SHALL BE 1/8" THICK ACRYLIC PLASTIC WITH 1/32" RAISED BORDER, GRAPHIC AND LETTERS. PROVIDE MECHANICAL MOUNTING WITH VANDAL RESISTANT FASTENERS. COMPLY WITH ARTICLE 4.30 & A4.30 OF ADAAG.  
3. SEE FLOOR PLANS FOR LOCATION.

**CHARACTER & BRAILLE STANDARDS** **4**  
N.T.S.

NOTES:  
1. CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" (0.794 mm) MINIMUM AND SHALL BE SANS SERIF CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.  
2. CHARACTER PROPORTIONS: CBC 11B-703.2.4 ALL LETTERS MEASURED MUST BE UPPERCASE. AFTER CHOOSING A TYPE TO TEST, BEGIN BY PRINTING THE LETTERS I, X, AND O AT 1 INCH HIGH. USE 110% TEMPLATE TO DETERMINE IF THE 'O' IS TOO WIDE. USE THE 3/5 (60%) RECTANGLE TO DETERMINE IF THE 'O' IS TOO NARROW. USE THE 1/5 (20%) RECTANGLE TO DETERMINE IF THE STROKE OF THE 'I' IS TOO BROAD FOR VISUAL LETTERS. FOR RAISED CHARACTER USE (15%) RECTANGLE. USE THE 1:10 (10%) RECTANGLE TO SEE IF THE 'I' IS TOO NARROW FOR VISUAL LETTERS. IF THE TESTS ARE PASSES, THE TYP STYLE IS COMPLIANT WITH PROPORTION CODE.  
3. CHARACTER HEIGHT: CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" MIN. AND 2" MAX. BASED ON THE HEIGHT OF THE UPPERCASE LETTER 'I'. CBC 11B-703.2.5  
4. CHARACTER SPACING: CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8" MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAX. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16" MIN. AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAX AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8" MIN. CBC 11B-703.2.7  
5. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MIN. AND 170 PERCENT MAX. OF THE RAISED CHARACTER HEIGHT. CBC 11B703.2.8  
6. TEXT SHALL BE IN HORIZONTAL FORMAT. CBC 11B-703.2.9  
7. FINISH AND CONTRAST: PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD. CBC 11B-703.6.2  
8. BRAILLE: BRAILLE SHALL BE CONTRACTED (GRADE 2); BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 11B-703.3.1. THE INDICATE OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS. BRAIL SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT, FLUSH LEFT OR CENTERED. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 9/16" INCH MIN. AND 1/2" INCH MAX. FROM ANY OTHER TACTILE CHARACTERS AND 3/8" MIN. FROM RAISED BORDERS AND DECORATIVE ELEMENTS AND CENTERED BELOW TEXT ON SIGN PER FIGURE 11B-703.3.2  
9. SIGNAGE MUST BE FIELD INSPECTED PER CBC 11B-703.1.1.2

**ACCESSIBILITY SYMBOL PROPORTIONS - TYPE D** **3**  
N.T.S.

NOTES:  
1. GRID LINES ARE SHOWN FOR PROPORTION ONLY AND ARE NOT TO APPEAR AS PART OF SYMBOL.

**TYPICAL SIGNAGE LOCATIONS - SIGN MOUNTING ON GLASS** **1**  
N.T.S.

NOTES:  
1. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE MOUNTED 48" MIN. ABOVE F.F., MEASURED FROM THE BASELINE OF THE LOWEST LINE OF BRAILLE AND RAISED TEXT 60" MAX. ABOVE F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS (CBC 11B-703.4.1). MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 6" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.  
2. IF SIGN IS MOUNTED TO GLAZING, SEE DETAIL BELOW  
3. EASE ALL EDGES AND CORNERS OF SIGNS.

**CHARACTER & BRAILLE STANDARDS** **4**  
N.T.S.

NOTES:  
1. REFER TO DETAIL 4 / A10.04 FOR CHARACTER AND BRAILLE STANDARD  
2. SIGN MATERIAL SHALL BE 1/8" THICK ACRYLIC PLASTIC WITH 1/32" RAISED BORDER, GRAPHIC AND LETTERS. PROVIDE MECHANICAL MOUNTING WITH VANDAL RESISTANT FASTENERS. COMPLY WITH ARTICLE 4.30 & A4.30 OF ADAAG. (WHEN MOUNTING ON GLAZING USE SILICONE ADHESIVE. PLACE SIGN BACK TO BACK WITH ROOM ID SIGN. SEE DETAILS 8A10.1.1)  
3. SEE FLOOR PLANS FOR LOCATION.

**ACCESSIBILITY SYMBOL PROPORTIONS - TYPE D** **3**  
N.T.S.

NOTES:  
1. GRID LINES ARE SHOWN FOR PROPORTION ONLY AND ARE NOT TO APPEAR AS PART OF SYMBOL.



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**ISSUE**  
DESCRIPTION: ADDENDUM #1  
DATE: 03/01/2024

LICENSED ARCHITECT  
MICHAEL CHESTERBROOK  
C-25193  
REN. 07/31/25  
STATE OF CALIFORNIA

**KEYNOTES**

**NOTES**

FACILITY:  
**MATSUYAMA ELEMENTARY SCHOOL**  
7680 WINDBRIDGE DRIVE  
SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**SIGNAGE DETAILS**

**DSA SUBMITTAL**

DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000

SHEET:

**A10.04**

PLEASE RECYCLE



THE INFORMATION ON THIS SHEET IS UNLESS OTHERWISE NOTED.

**NAILING SCHEDULE:**

| DESCRIPTION   | NAILING  |
|---|--|
| <b>ROOF</b>   |  |
| 1. BLKG BTWN CLG JOISTS, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRMG BLW BLKG BTWN RAFTERS OR TRUSSES NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS | 3-8d TOE NAIL, EA END<br>2-16d END NAIL, EA END<br>16d FACE NAIL @ 6" CC |
| 2. CLG JOIST TO TOP PLATE   | 3-8d TOE NAIL, EA JOIST  |
| 3. CLG JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OV/ PARTITIONS (NO THRUST)   | 3-16d FACE NAIL  |
| 4. CLG JOIST ATTACHED TO PARALLEL RAFTER, LAPS OV/ PARTITIONS (W/ THRUST)   | CBC TABLE 2308.7.3.1   |
| 5. COLLAR TIE TO RAFTER   | 3-10d FACE NAIL  |
| 6. RAFTER OR TRUSS TO TOP PLATE (SEE CBC SECTION 2308.7.3.1, TABLE 2308.7.3.1)  | 3-10d TOE NAIL   |
| 7. RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS, OR RAFTER TO 2" RIDGE   | 3-10d TOE NAIL OR 2-16d END NAIL   |
| <b>WALL</b>   |  |
| 8. STUD TO STUD (NOT BRACED WALL PANELS)  | 16d @ 24" CC FACE NAIL   |
| 9. STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (BRACED WALL PANELS)  | 16d @ 6" CC FACE NAIL  |
| 10. BUILT UP HEADER (2" TO 2" HEADER)   | 16d @ 16" CC FACE NAIL   |
| 11. CONT HEADER TO STUD   | 4-8d TOE NAIL  |
| 12. TOP PLATE TO TOP PLATE  | 16d @ 16" CC FACE NAIL   |
| 13. TOP PLATE TO TOP PLATE, AT END JOINTS   | 8-16d EA SIDE OF END JOINT FACE NAIL (24" MIN LAP SPLICE EA END)         |
| 14. BOT PLATE TO JOIST, RIM, BAND JOIST OR BLKG (NOT @ BRACED WALL PANELS)  | 16d @ 16" CC   |
| 15. BOT PLATE TO JOIST, RIM, BAND JOIST OR BLKG (BRACED WALL PANELS)  | 2-16d @ 16" CC   |
| 16. STUD TO TOP OR BOT PLATE  | 4-8d TOE NAIL  |
| 17. TOP OR BOT PLATE TO STUD  | 2-16d END NAIL   |
| 18. TOP PLATED, LAPS AT CORNERS & INTERSECTIONS   | 2-16d FACE NAIL  |
| 19. 1" BRACE EA STUD & PLATE  | 2-8d FACE NAIL   |
| 20. 1x6 SHEATHING TO EA BEARING   | 2-8d FACE NAIL   |
| 21. 1x8 & WIDER SHEATHING TO EA BEARING   | 3-8d FACE NAIL   |
| <b>FLOOR</b>  |  |
| 22. JOIST TO SILL, TOP PLATE OR GIRDER  | 3-8d TOE NAIL  |
| 23. RIM JOIST, BAND JOIST, OR BLKG TO TOP PLATE, SILL, OR OTHER FRAMING BLW   | 8d @ 6" CC TOE NAIL  |
| 24. 1x6 SUB FLOOR OR LESS TO EA JOIST   | 2-8d FACE NAIL   |
| 25. 2" SUB FLOOR TO JOIST OR GIRDER   | 2-16d FACE NAIL  |
| 26. 2" PLANKS EA BEARING (PLANK & BEAM, FLOOR & ROOF)   | 2-16d FACE NAIL  |
| 27. BUILT UP GIRDERS & BEAMS, 2" LUMBER LAYERS  | 10d @ 24" CC FACE NAIL AT TOP & BOT, STAGGER ON OPPOSITE SIDES           |
| 28. LEDGER STRIP SUPPORTING JOISTS OR RAFTERS   | 3-16d EA JOIST OR RAFTER FACE NAIL                                       |
| 29. JOIST TO BAND JOIST OR RIM JOIST  | 3-16d END NAIL   |
| 30. BRIDGING OR BLKG TO JOIST, RAFTER OR TRUSS  | 2-8d TOE NAIL EA END   |

**ROUGH CARPENTRY-MATERIALS:**

- ALL SAWN LUMBER SHALL BE DOUG FIR UNO AND HAVE MOISTURE CONTENT NOT TO EXCEED 19% AT TIME OF INSTALLATION. EACH PIECE SHALL BEAR THE STAMP OF WELB OR WWRFA SHOWING GRADE MARK.
- ALL SAWN LUMBER TO BE SPECIES & GRADE AS NOTED BELOW:

| MEMBER               | SPECIES & GRADE |
|----------------------|-----------------|
| 2x, & 3x STUDS       | #1 DF           |
| 2x JOISTS, PLATES    | #1 DF           |
| 4x HEADERS           | #1 DF           |
| 4x COLUMNS           | #1 DF           |
| 6x, & LARGER HEADERS | SS DF           |
| 6x, & LARGER COLUMNS | SS DF           |

- MATERIAL EXPOSED TO WEATHER OR IN CONTACT W/CONCRETE SHALL BE PRESSURE TREATED
- OPTIONAL FOR EXPOSED 8x, BEAMS & POSTS TO BE #1 AC IN LIEU OF TREATED DF
- STUDS TALLER THAN 12'-0" SHALL BE #1 DF
- PRESERVATIVE TREATED & PRESSURE TREATED LUMBER
- SAWN LUMBER TO BE PROTECTED FROM EARTH, WEATHER, EARTH, & CONCRETE/CMU OR WOOD SHALL BE TREATED
- PRESERVATIVE TREATMENT & CLEARANCES TO SOIL OR CONCRETE SHALL BE PER CBC 2303.1.9 & 2304.12.1.2
- FIELD CUTS & HOLES IN TREATED LUMBER SHALL BE PROTECTED IN ACCORDANCE W/WAPA STANDARD M4
- CONTRACTOR TO COORDINATE WITH TREATED WOOD SUPPLIER TO DETERMINE THE APPROPRIATE LEVEL OF CORROSION PROTECTION FOR HARDWARE & FASTENERS IN CONTACT WITH WOOD TREATED WITH CORROSIVE CHEMICALS.
- ALL WOOD PANEL STRUCTURAL SHEATHING SHALL BE STAMPED W/APA TRADEMARK AND CONFORM TO MOST CURRENT EDITION OF PS-1. USE THICKNESS AND NAILING AS SHOWN ON DRAWINGS. SHEATHING SHALL HAVE EXPOSURE RATING AS APPROPRIATE FOR ON-SITE EXPOSURE CONDITIONS DURING CONSTRUCTION AND IN FINAL CONDITION.

**ROUGH CARPENTRY-NAILS:**

- ALL SPECIFIED NAILS SHALL CONFORM TO ASTM F1667 OR ICC ESR-1539. ALTERNATE FASTENERS MUST HAVE AN ICC EVALUATION REPORT AND MAY NOT BE USED UNLESS APPROVED IN WRITING BY RW CONSULTING ENGINEERS. ALL NAILS SHALL BE FULL ROUND HEAD WITH MINIMUM PROPERTIES AS FOLLOWS:

| SPECIFIED FASTENER | DIAMETER | LENGTH | PENETRATION | APPLICATION |
|--------------------|----------|--------|-------------|-------------|
| 8d                 | .131" Ø  | 2 1/2" | 1 1/2"      | SHTG/FRMG   |
| 10d                | .148" Ø  | 3"     | 1 1/2"      | SHTG/FRMG   |
| 16d BOX            | .135" Ø  | 3 1/2" | 1 1/2"      | FRMG        |
| 16d SINKER         | .148" Ø  | 3 1/2" | 1 1/2"      | FRMG        |
| 16d COMMON         | .162" Ø  | 3 1/2" | 1 1/2"      | FRMG        |

ALL NAILS SHALL BE COMMON WIRE NAILS EXCEPT WHERE SPECIFICALLY NOTED

- NAILS SHALL BE LOCATED AND SPACED TO PREVENT SPLITTING OF WOOD. PREDRILL ALL FASTENERS 75% MAX OF FASTENER DIAMETER WHERE WOOD TENDS TO SPLIT.
- TOENAILS SHALL BE DRIVEN AT AN ANGLE OF APPROX 30° WITH THE MEMBER AND STARTED APPROX 3/4 THE LENGTH OF THE NAIL FROM THE MEMBER END.
- NAILS USED IN HARDWARE SHALL BE AS SPECIFIED BY HARDWARE MFR.
- MINIMUM NAILING SHALL BE PER CBC TABLE 2304.10.1 UNO (SEE TABLE ON THIS SHEET)
- NAILS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, NAILS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS D OR TYPE 316 STAINLESS STEEL.
- SHEATHING NAILS SHALL BE DRIVEN SO THAT THEIR HEAD OR CROWN ARE FLUSH WITH THE SURFACE OF THE SHEATHING.

**ROUGH CARPENTRY-HARDWARE:**

- ALL STEEL CONNECTORS, STRAPS, HANGERS, HARDWARE, ETC SHALL BE BY SIMPSON STRONG-TIE OR APPROVED EQUAL UNO. ATTACH WITH FASTENERS PER MFR TO ACHIEVE THE MAXIMUM TABULATED VALUE.
- HARDWARE COMPONENTS AND FASTENERS INSTALLED AGAINST OR INTO TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, ALL HARDWARE AND FASTENERS INTO/AGAINST TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED (G185 MIN FOR HARDWARE) OR STAINLESS STEEL.
- INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.
- NAILS FOR HARDWARE SHALL NOT BE OVERDRIVEN OR DEFORM THE PART. THE CONTRACTOR SHALL VERIFY WITH THE HARDWARE MFR THAT THE PART PUBLISHED CAPACITIES ARE NOT REDUCED AS A RESULT OF THE INSTALLED CONDITION.
- FASTENER SUBSTITUTIONS FOR HARDWARE ARE NOT ALLOWED UNLESS APPROVED FOR USE BY THE MFR AND THE HARDWARE CAPACITY IS NOT REDUCED.
- WASHERS AT WOOD CONNECTIONS SHALL BE SQUARE PLATE STEEL OR MALLEABLE IRON WITH THE FOLLOWING MIN DIMENSIONS:

| FASTENER DIAMETER | MIN WASHER DIMENSIONS | MIN THICKNESS |
|-------------------|-----------------------|---------------|
| 1/4"              | 2" x 2"               | 3/16"         |
| 3/8"              | 2 1/2" x 2 1/2"       | 3/8"          |
| 1/2"              | 2 3/4" x 2 3/4"       | 3/8"          |
| 5/8"              | 3" x 3"               | 3/8"          |
| 3/4"              | 3 1/2" x 3 1/2"       | 3/8"          |

**ROUGH CARPENTRY-LAG SCREWS:**

- ALL SPECIFIED LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1.
- LEAD HOLES FOR LAG SCREWS SHALL BE BORED TO AVOID SPLITTING OF WOOD MEMBERS. THE LEAD HOLE FOR THE SHANK SHALL HAVE THE SAME DIAMETER AND LENGTH AS THE UNTHREADED SHANK. THE LEAD HOLE FOR THE THREADED PORTION SHALL NOT EXCEED 70% OF THE SHANK DIAMETER AND HAVE MIN LENGTH EQUAL TO THE LEAD PORTION.
- LAG SCREWS SHALL BE INSTALLED BY TURNING OF THE LAG SCREW & NOT BY DRIVING OF A HAMMER.
- SOAP OR OTHER LUBRICANT MAY BE USED ON THE LAG SCREW OR IN THE LEAD HOLE AS REQ'D TO PREVENT DAMAGE TO THE LAG SCREW.
- LAG SCREWS INSTALLED IN TREATED LUMBER SHALL HAVE CORROSION PROTECTION APPROPRIATE FOR THE TYPE OF CHEMICALS USED IN THE TREATMENT PROCESS. AS A MINIMUM, LAG SCREWS INTO TREATED LUMBER OR IN EXTERIOR APPLICATIONS SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153 CLASS C OR TYPE 316 STAINLESS STEEL.
- LAG SCREWS SHALL BE INSTALLED WITH A STANDARD CUT WASHER OR PLATE WASHER WITH CORROSION PROTECTION TO MATCH THE LAG SCREW.
- ALL LAG SCREWS TO BE TIGHTENED DURING INSTALLATION & RE-TIGHTENED JUST PRIOR TO CLOSING IN.

**DESIGN CRITERIA:**

- PROJECT ADDRESS: 7680 WINDBRIDGE DRIVE SACRAMENTO, CA 95831
- BUILDING CODE: 2022 CALIFORNIA BUILDING CODE
- GRAVITY LOADS: (ESTIMATES OF AS-BUILT CONDITIONS)  
BUILDING ROOFS  
ROOF LIVE LOAD = 20 PSF (REDUCIBLE)  
ROOF DEAD LOAD = 14 PSF  
WALL WEIGHTS  
EXTERIOR WALLS = 15 PSF  
INTERIOR WALLS = 10 PSF
- LATERAL LOADS: RISK CATEGORY III  
WIND LOADS (ASCE 7-16)  
BASIC WIND SPEED C = 100 MPH (77 MPH ASD)  
EXPOSURE C  
BUILDINGS ARE CONSIDERED "ENCLOSED"  
PRESSURE COEFFICIENTS  
INTERNAL PRESSURE COEFFICIENT, GCp = ± 0.18  
TOPOGRAPHIC FACTOR, Kzt = 1.00  
WIND DIRECTIONALITY FACTOR, Kd = 0.85  
GROUND ELEVATION FACTOR, Ke = 1.00  
VELOCITY PRESSURES  
q (0'-15') = 11.0 PSF (ASD)  
q (15'-20') = 11.6 PSF (ASD)  
q (20'-25') = 12.3 PSF (ASD)  
SEISMIC LOADS (ASCE 7-16)  
SITE CLASS D  
SEISMIC DESIGN CATEGORY D  
IMPORTANCE FACTOR I = 1.25  
REDUNDANCY, R = 1.0  
MAX F = 0.630 S = 0.268  
F = 1.296 F = 2.064  
Sps = 0.816 Sps = 0.553  
Ss = 0.544 Ss = 0.369  
MECHANICAL EQUIPMENT (ASCE 7-16)  
IMPORTANCE FACTOR, I = 1.00  
RESPONSE MOD FACTOR, R = 6.0  
AMPLIFICATION FACTOR, ap = 2.5

**INSPECTION NOTES:**

- ALL TESTS AND INSPECTIONS ARE TO BE PROVIDED BY A QUALIFIED TESTING LAB OF RECORD, HIRED BY THE DISTRICT (T-24 PART 1, 4-335).
- ALL TESTS AND INSPECTIONS SHALL CONFORM TO CHAPTER 17A OF THE 2022 CBC AND THE PROJECT SPECIFIC DSA-103.
- ALL SPECIAL INSPECTORS SHALL HAVE A MINIMUM OF THREE YEARS OF EXPERIENCE WITH MATERIAL BEING INSPECTED.
- ITEMS EXEMPTED FROM TESTING AND INSPECTION REQUIREMENTS PER DSA-103:
  - BATCH PLANT INSPECTION FOR CONCRETE USED IN EXTERIOR NON-STRUCTURAL CONCRETE.
  - EPOXY DOWELS USED IN EXTERIOR NON-STRUCTURAL CONCRETE.
  - TESTING OF REINFORCING STEEL USED IN EXTERIOR NON-STRUCTURAL CONCRETE.

**POST INSTALLED ANCHOR NOTES:**

- ALL POST INSTALLED ANCHORS ARE TO BE INSTALLED PER MANUFACTURER FOR EACH ANCHOR AND PER THE ICC REPORTS LISTED BELOW.
- ALL POST-INSTALLED ANCHORS ARE TO BE CAREFULLY INSTALLED SO AS TO NOT DISTURB OR DAMAGE THE STEEL REINFORCING IN ANY WAY. ANCHORS MAY NOT BE INSTALLED UNTIL CONCRETE OR GROUT HAS REACHED A MINIMUM AGE OF 28 DAYS.
- ALL HOLES FOR DRILLED-IN ANCHORS SHALL BE COMPLETELY DRY AND WELL CLEANED WITH A BOTTLE BRUSH AND COMPRESSED AIR PRIOR TO INSTALLING THE ANCHORS.
- ALL DRILLED-IN ANCHORS SHALL BE TESTED PER CHAPTER 17A OF THE 2022 CBC. ALL TESTING SHALL BE DONE BY A CERTIFIED TESTING LABORATORY AND SHALL BE PERFORMED IN THE PRESENCE OF A SPECIAL INSPECTOR.
- POST-INSTALLED ANCHORS ARE TO BE AS FOLLOWS:
  - EXPANSION ANCHORS IN CONCRETE  
HILTI KB T22 PER ICC ESR 4266
  - EPOXY ANCHORS IN CONCRETE  
HILTI HIT-HY 200 V3 PER ICC ESR 4868
- POST-INSTALLED ANCHORS ARE TO BE INSTALLED ONLY WHERE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS, WITH EMBEDMENTS AND PROOF TESTING AS SPECIFICALLY IDENTIFIED IN EACH APPLICABLE DETAIL. FOR ADDITIONAL INFORMATION, UNO, FOR EXPANSION ANCHORS, SEE TABLE BELOW.
- POST-INSTALLED ANCHORS MAY NOT BE USED AT LOCATIONS OTHER THAN THOSE SPECIFICALLY DETAILED IN THE PROJECT DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.

CONCRETE: HILTI KWIK BOLT T22 EXPANSION ANCHORS SEE ICC ESR-4266 TABLE 1

| ANCHOR DIAMETER          | 1" Ø     | 1 1/2" Ø | 2" Ø     |
|--------------------------|----------|----------|----------|
| BIT DIAMETER             | 1" Ø     | 1 1/2" Ø | 1 1/2" Ø |
| NOMINAL EMBEDMENT        | 2 1/2" Ø | 2 1/2" Ø | 4 1/2" Ø |
| HOLE DEPTH               | 2 1/2" Ø | 2 1/2" Ø | 4 1/2" Ø |
| TORQUE (STAINLESS STEEL) | 30 FT-LB | 40 FT-LB | 60 FT-LB |

**STRUCTURAL SHEET INDEX:**

|       |                              |
|-------|------------------------------|
| S0.01 | TYPICAL STRUCTURAL NOTES     |
| S2.01 | STRUCTURAL PLAN - BUILDING 1 |
| S4.01 | DETAILS                      |
| S4.02 | DETAILS                      |

**ABBREVIATIONS:**

|       |  |
|-------|--|
| @     | AT   |
| AB    | ANCHOR BOLT                                  |
| ACI   | AMERICAN CONCRETE INSTITUTE                  |
| AISC  | AMERICAN INSTITUTE OF STEEL CONSTRUCTION     |
| AISI  | AMERICAN IRON AND STEEL INSTITUTE            |
| APA   | AMERICAN PLYWOOD ASSOCIATION                 |
| ARCH  | ARCHITECT/ARCHITECTURAL                      |
| ASTM  | AMERICAN SOCIETY OF TESTING AND MATERIALS    |
| AWS   | AMERICAN WELDING SOCIETY                     |
| BLKG  | BLOCKING                                     |
| BLW   | BELOW  |
| BTWN  | BETWEEN                                      |
| B.O   | BOTTOM OF                                    |
| BOT   | BOTTOM                                       |
| CBC   | CALIFORNIA BUILDING CODE                     |
| CC    | CENTER TO CENTER                             |
| CJ    | COLD JOINT                                   |
| CLG   | CEILING                                      |
| CMU   | CONCRETE MASONRY UNIT                        |
| Ø     | DIAMETER                                     |
| DWGS  | DRAWINGS                                     |
| DSA   | DIVISION OF THE STATE ARCHITECT              |
| ES    | EDGE SCREW w/SPACING PER SHEAR WALL DIAGRAMS |
| F.O.  | FACE OF                                      |
| FRMG  | FRAMING                                      |
| HD    | HOLLOW                                       |
| HSS   | HOLLOW STRUCTURAL SECTION                    |
| L     | STEEL ANGLE                                  |
| MAX   | MAXIMUM                                      |
| MC    | MISCELLANEOUS CHANNEL                        |
| MIN   | MINIMUM                                      |
| NTS   | NOT TO SCALE                                 |
| #     | NUMBER OF POUNDS                             |
| OH    | OPPOSITE HAND                                |
| OV/   | OVER   |
| PAF   | POWDER-ACTUATED FASTENER                     |
| PJ    | PANEL JOINT                                  |
| SEOR  | STRUCTURAL ENGINEER OF RECORD                |
| SMS   | SHEET METAL SCREW                            |
| T & B | TOP AND BOTTOM                               |
| THRU  | THROUGH                                      |
| T.O.  | TOP OF                                       |
| TYR   | TYPICAL                                      |
| UNO   | UNLESS NOTED OTHERWISE                       |
| W/    | WITH   |

**GENERAL NOTES:**

- ALL NEW WORK SHALL CONFORM TO TITLE 24 2022 EDITIONS WITH AMENDMENTS AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
- THIS SET OF STRUCTURAL DRAWINGS IS APPLICABLE ONLY TO THE LISTED PROJECT AND SITE LOCATION.
- NOTES ON THIS SHEET ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE NOTED OR SHOWN. TYPICAL DETAILS SHALL APPLY FOR ALL LIKE CONDITIONS UNLESS OTHERWISE NOTED OR DETAILED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, EXISTING CONDITIONS, AND OTHER RELATED ITEMS. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF RECORD IF ANY CONFLICTS ARE SHOWN OR NOTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFORM TO RELEVANT SECTIONS OF THE CALIFORNIA "CONSTRUCTION SAFETY ORDERS" AND ALL OSHA REQUIREMENTS. THE ENGINEER OF RECORD ACCEPTS NO RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY W/ THESE REQUIREMENTS.
- STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE, AND DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. DESIGN AND CONSTRUCTION OF ALL TEMPORARY BRACING, SHORING, FORMING, ETC REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- A COPY OF TITLE 24 CCR PARTS 1-5 SHALL BE KEPT ON SITE AT ALL TIMES (T-24 PART 1, 4-317(c)).
- ALL CHANGES TO THE ACCESSIBILITY, FIRE AND LIFE SAFETY, AND STRUCTURAL PORTIONS OF THE APPROVED DRAWINGS SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT (CCD). ALL SUCH CHANGES BY CCD ARE TO BE SIGNED BY THE SEOR, THE OWNER, AND APPROVED BY DSA. CHANGES BY CCD ARE NOT VALID UNTIL APPROVED BY DSA (T-24, PART 1, 4-338).
- A PROJECT INSPECTOR (INSPECTOR OF RECORD, IOR) EMPLOYED BY THE OWNER/DISTRICT AND CERTIFIED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK
- THE STRUCTURAL ENGINEER SHALL PERFORM DUTIES PER T-24 PART 1, 4-333(a) AND 4-341. THE CONTRACTOR SHALL PERFORM DUTIES PER 4-343. THE IOR SHALL PERFORM DUTIES PER T-24 PART 1, 4-342.

**DRAWING STANDARDS:**

| SHEET NUMBERING | STRUCTURAL SHEETS                |
|-----------------|----------------------------------|
| 1               | TYPICAL                          |
| 2               | PLANS                            |
| 3               | ELEVATIONS & SECTIONS            |
| 4               | DETAILS                          |
|                 | SHEET NUMBER WITHIN DRAWING TYPE |

**S2.01**

**SYMBOLS**

|            |                            |
|------------|----------------------------|
| 1<br>SX XX | STANDARD DETAIL & LOCATION |
| A          | GRID LINE @ FACE OF WALL   |
| A          | GRID LINE @ CENTER OF WALL |

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**HMC ARCHITECTS**

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SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**TYPICAL STRUCTURAL NOTES**

**DSA SUBMITTAL**

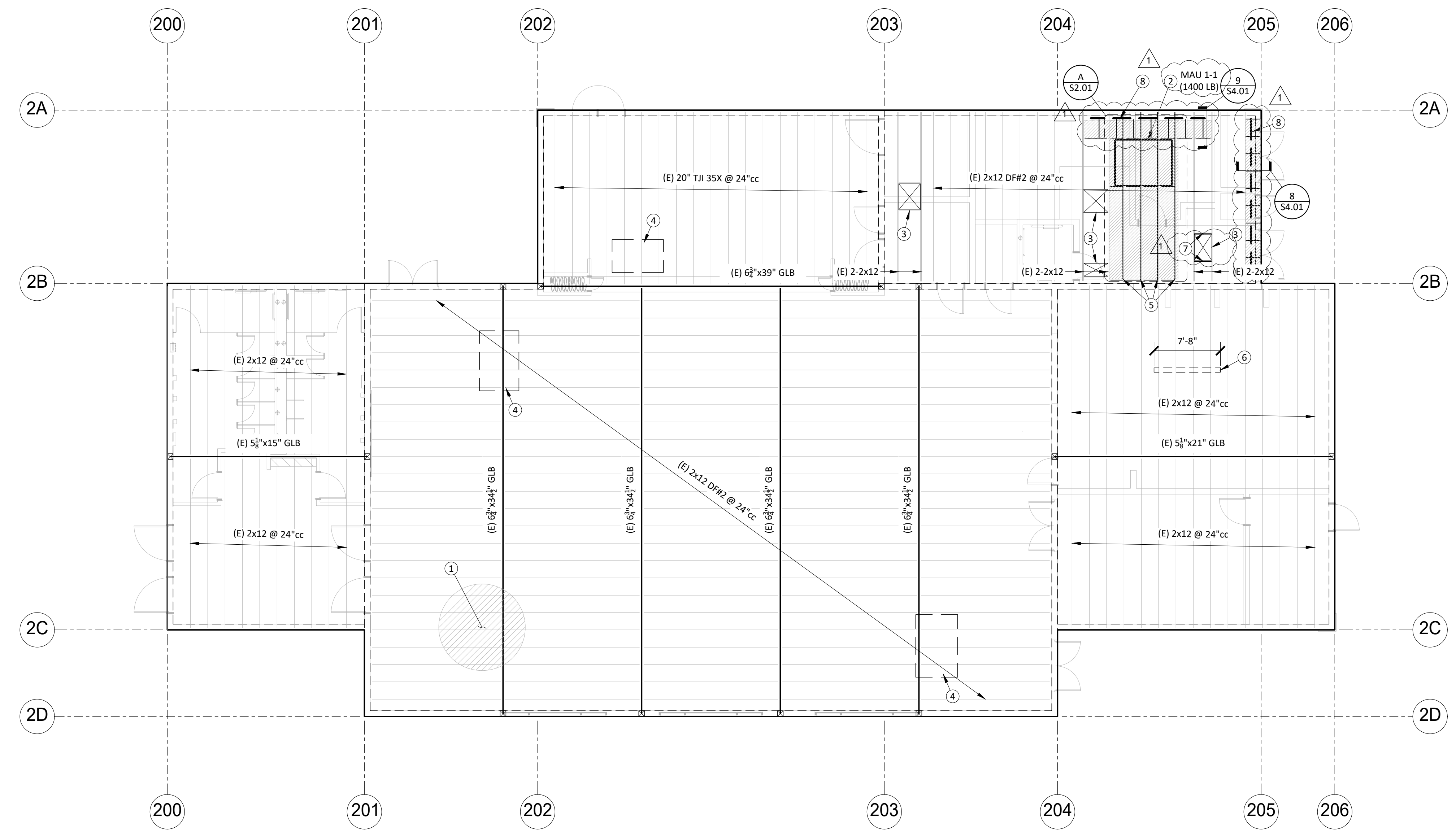
|                  |                              |
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SHEET:

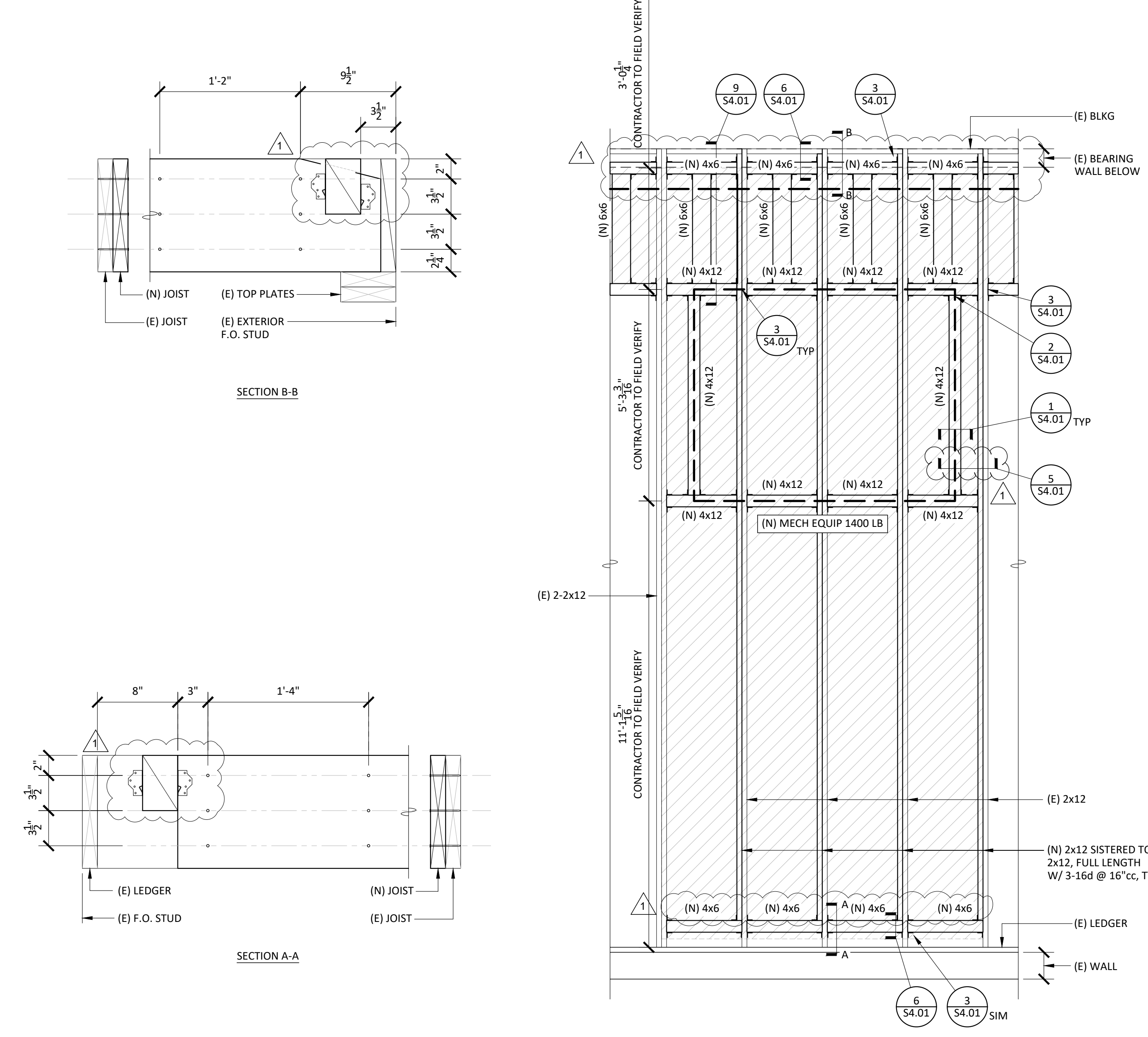
**S0.01**



ALL WORK SHOWN ABOVE IS TO BE CONSIDERED PART OF THE ORIGINAL WORK.



**STRUCTURAL PLAN**  
**BUILDING 1 - ROOF**  
 1/2" = 1'-0"

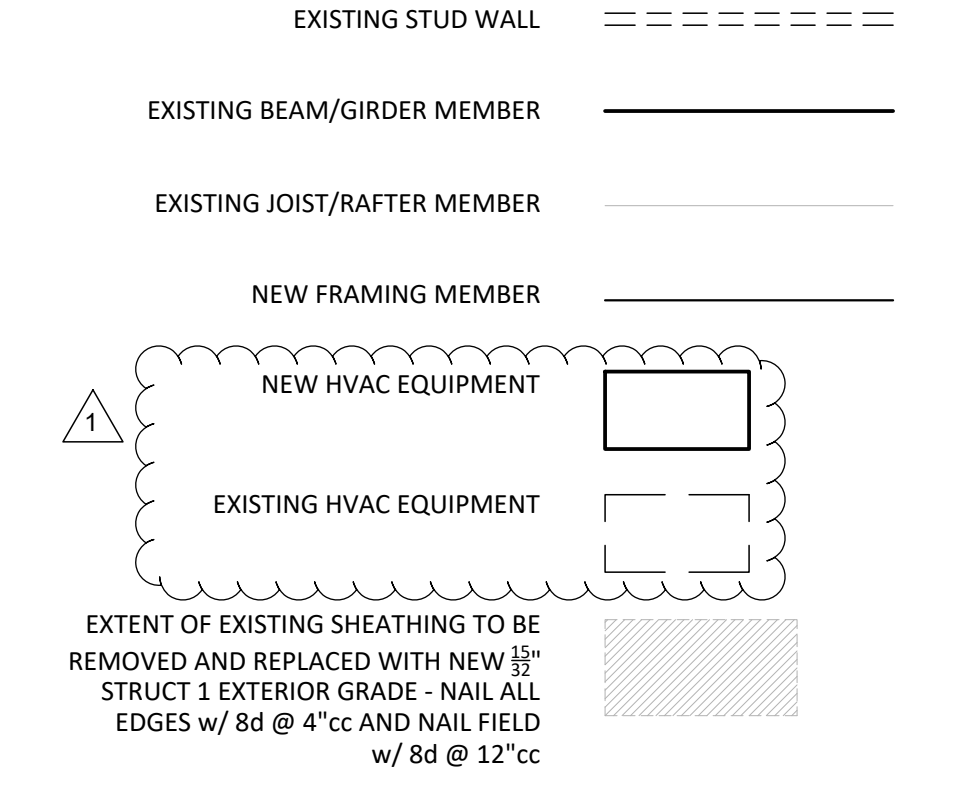


**PARTIAL FRAMING**  
**PLAN**  
 1/2" = 1'-0"

**STRUCTURAL PLAN NOTES:**

- CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
- STRUCTURAL SCOPE IS LIMITED TO MISCELLANEOUS FRAMING MODIFICATIONS TO ACCOMMODATE HVAC UPGRADES TO THE BUILDING. ALL WORK PERFORMED IS TO NOT IMPACT EXISTING LATERAL FORCE RESISTING SYSTEM.
- NEW ROOF-TOP MECHANICAL EQUIPMENT IS TO BE PLACED ON CURB PER MECHANICAL DRAWINGS.
- ALL NEW ROOF FRAMING REQUIRED IS TO BE INSTALLED FROM ABOVE THE ROOF DECK OR STRUCTURAL SHEATHING.
- ALL DUCT DROP OPENINGS IN THE ROOF ARE EXISTING. NO NEW ROOF PENETRATIONS ARE TO BE CREATED WITHOUT PRIOR APPROVAL OF SEOR AND DSA.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AT LOCATION OF EQUIPMENT PRIOR TO COMMENCING WORK.

**STRUCTURAL PLAN LEGEND:**



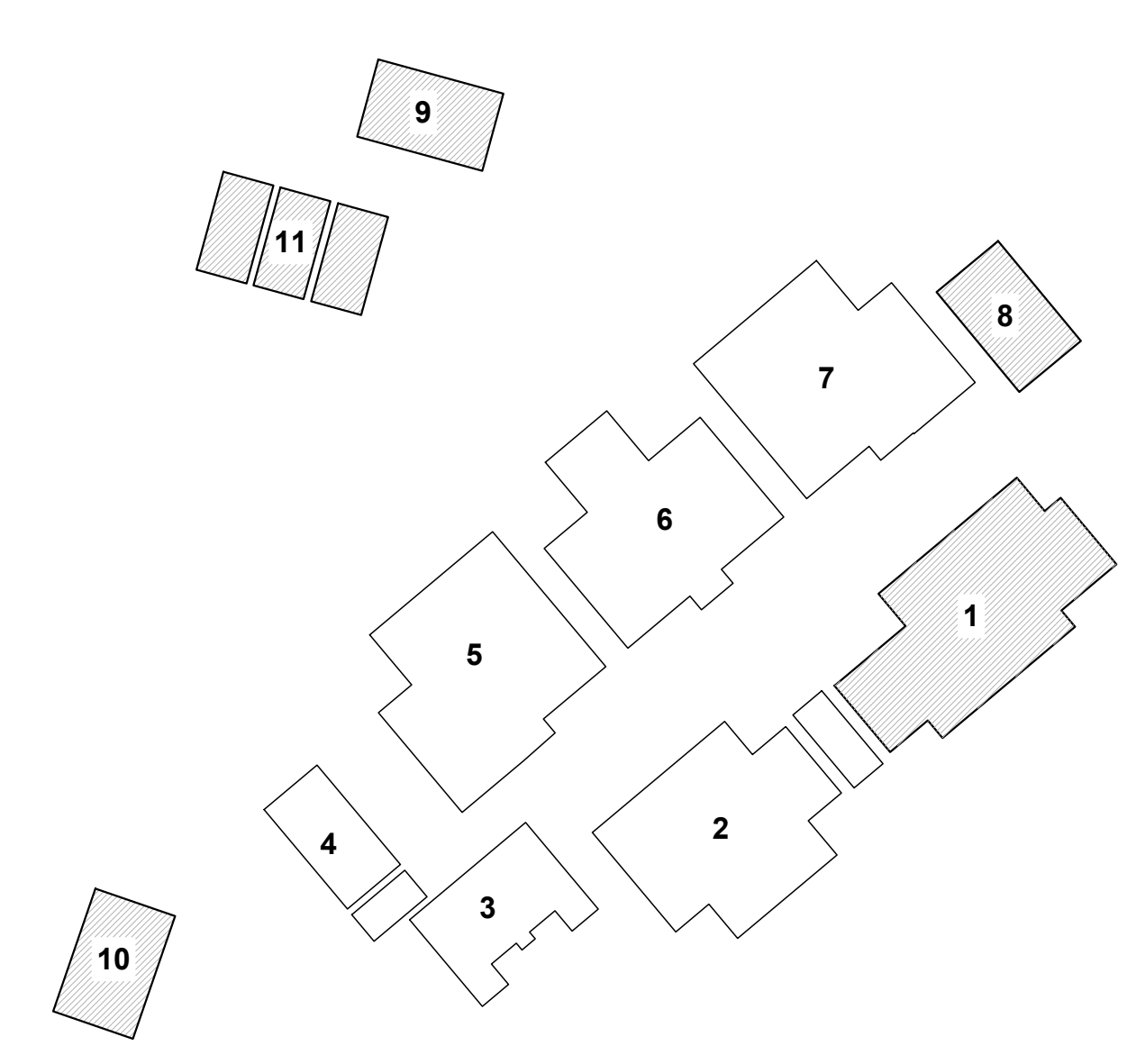
**STRUCTURAL PLAN KEYNOTES:**

- EXISTING 3/4" PLYWOOD ROOF SHEATHING
- NEW HVAC EQUIPMENT TO BE INSTALLED ON NEW CURB, WEIGHT INDICATED IN PARENTHESIS - SEE MECHANICAL DRAWINGS & 1/54.01
- EXISTING OPENINGS TO REMAIN
- EXISTING UNIT TO REMAIN
- (N) 2x12 SISTERED TO (E) 2x12 w/ 3-16d @ 16"cc
- (N) INTERIOR PARTITION WALL BELOW - SEE ARCHITECTURAL DRAWINGS & 4/54.01
- (N) 4x6 BLKG - SEE MECHANICAL DRAWINGS, 3/M8.02 & 2/54.01
- NEW GUARDRAIL - SEE ARCHITECTURAL DRAWINGS

**SHEET REFERENCE TABLE:**

| BUILDING | SHEET(S)                 |
|----------|--------------------------|
| 1        | SEE SHEETS S2.01 & S4.01 |
| 2        | NO STRUCTURAL SCOPE      |
| 3        | NO STRUCTURAL SCOPE      |
| 4        | NO STRUCTURAL SCOPE      |
| 5        | NO STRUCTURAL SCOPE      |
| 6        | NO STRUCTURAL SCOPE      |
| 7        | NO STRUCTURAL SCOPE      |
| 8        | SEE SHEET S4.02          |
| 9        | SEE SHEET S4.02          |
| 10       | SEE SHEET S4.02          |
| 11       | SEE SHEET S4.02          |

**BUILDING KEY PLAN:**



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PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**STRUCTURAL PLAN - BUILDING 1**

**DSA SUBMITTAL**

DATE: 02/27/2024 CLIENT PROJ NO: 3186-070-000  
SHEET:

**S2.01**



ALL WORK SHOWN ABOVE IS TO BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA BUILDING CODE AND ALL APPLICABLE LOCAL ORDINANCES.

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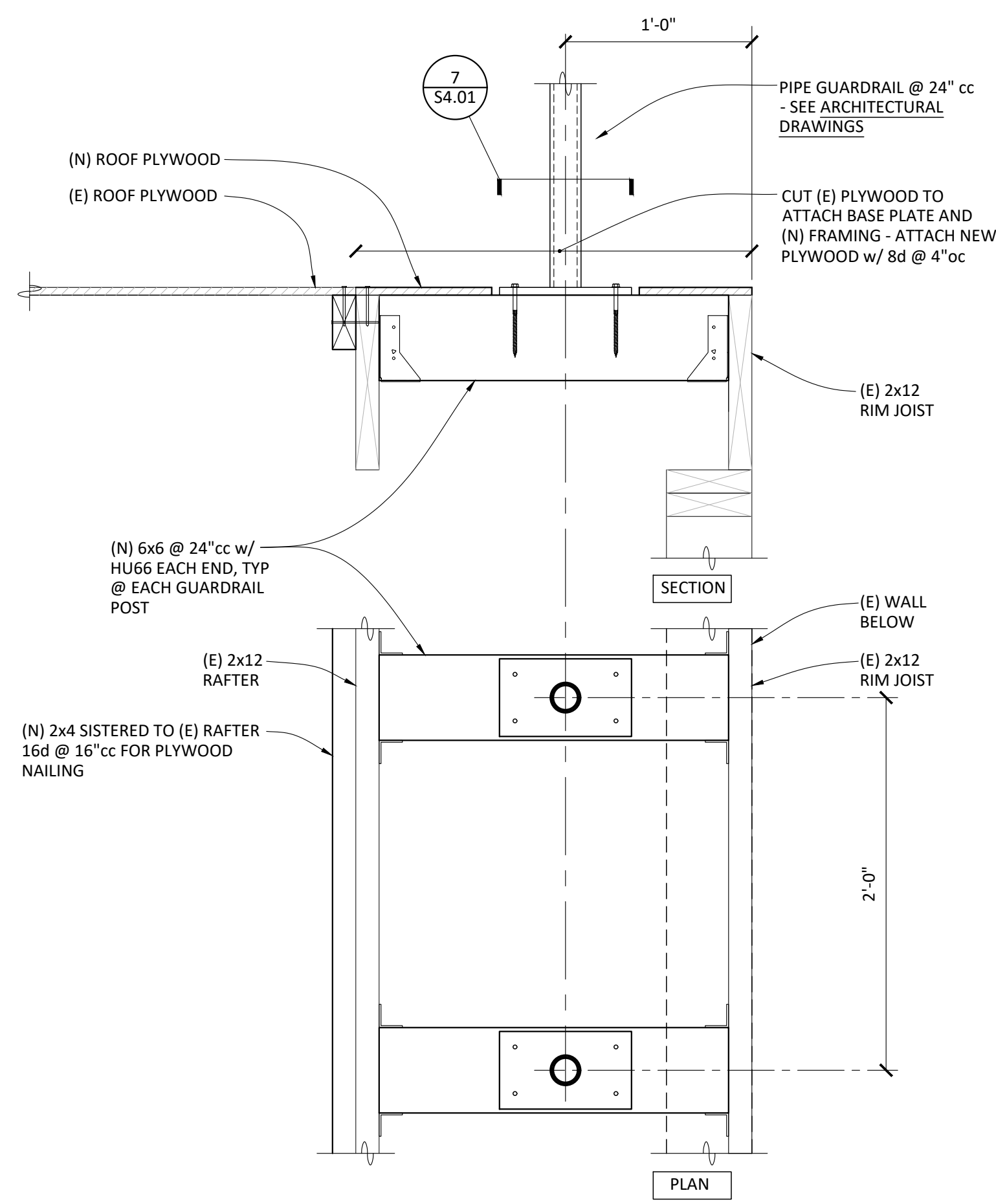
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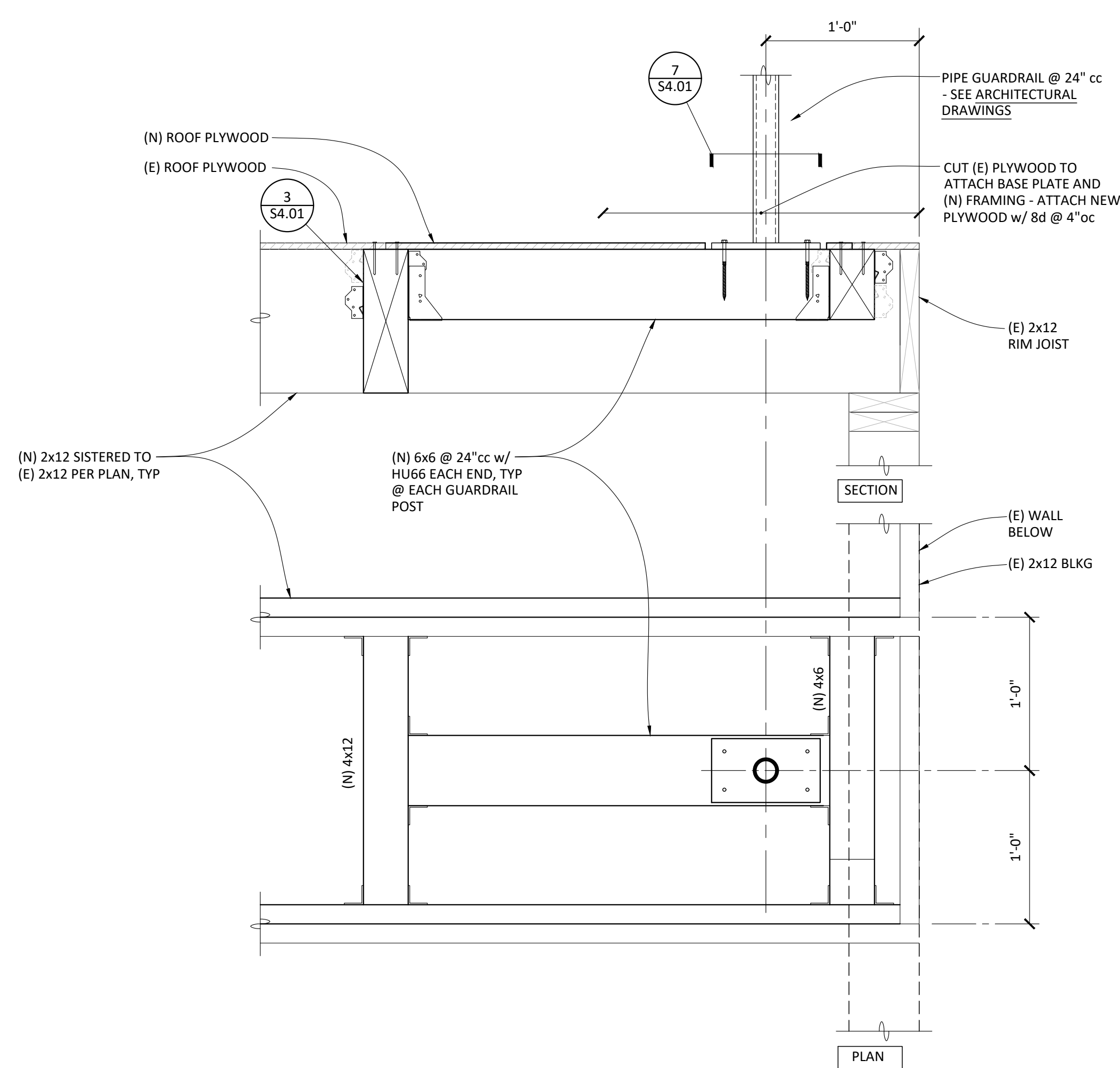
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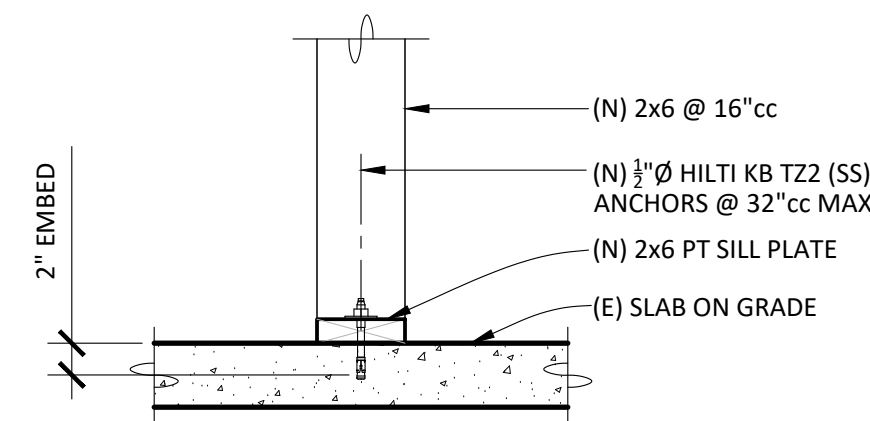
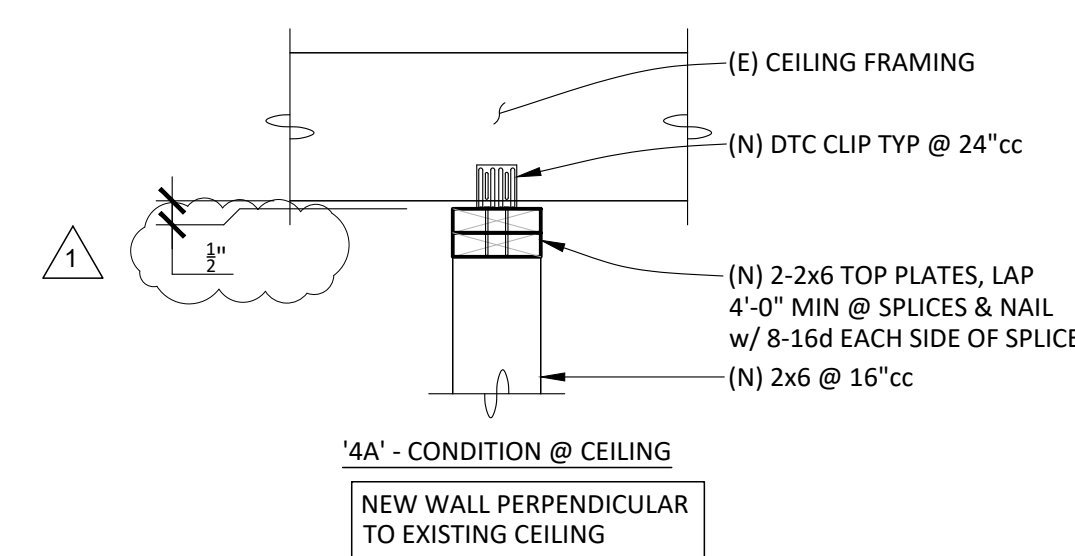
NOTES:  
1. SEE ARCHITECTURAL DRAWINGS FOR FURTHER INFORMATION.

DETAIL 8  
1/2" = 1'-0"



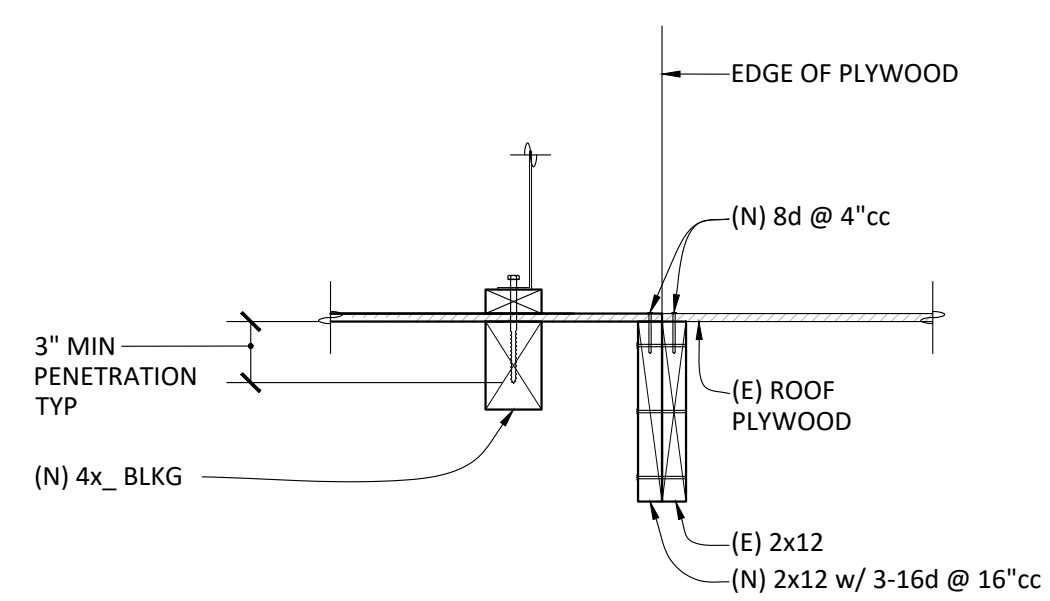
NOTES:  
1. SEE ARCHITECTURAL DRAWINGS FOR FURTHER INFORMATION.

DETAIL 9  
1/2" = 1'-0"

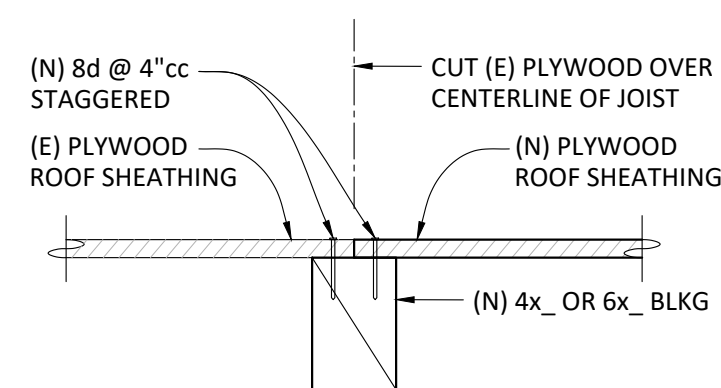


DETAIL 4B - CONDITION @ SLAB

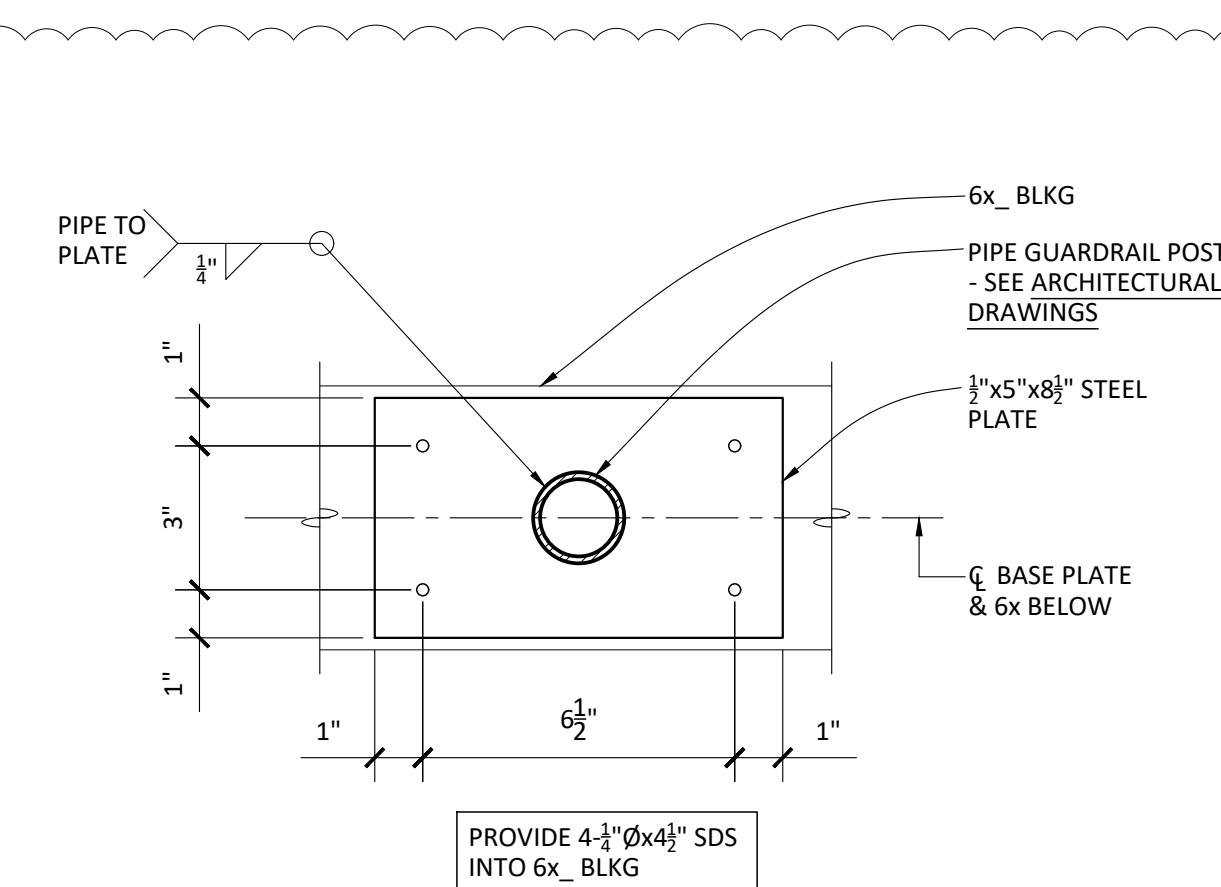
DETAIL 4  
1" = 1'-0"



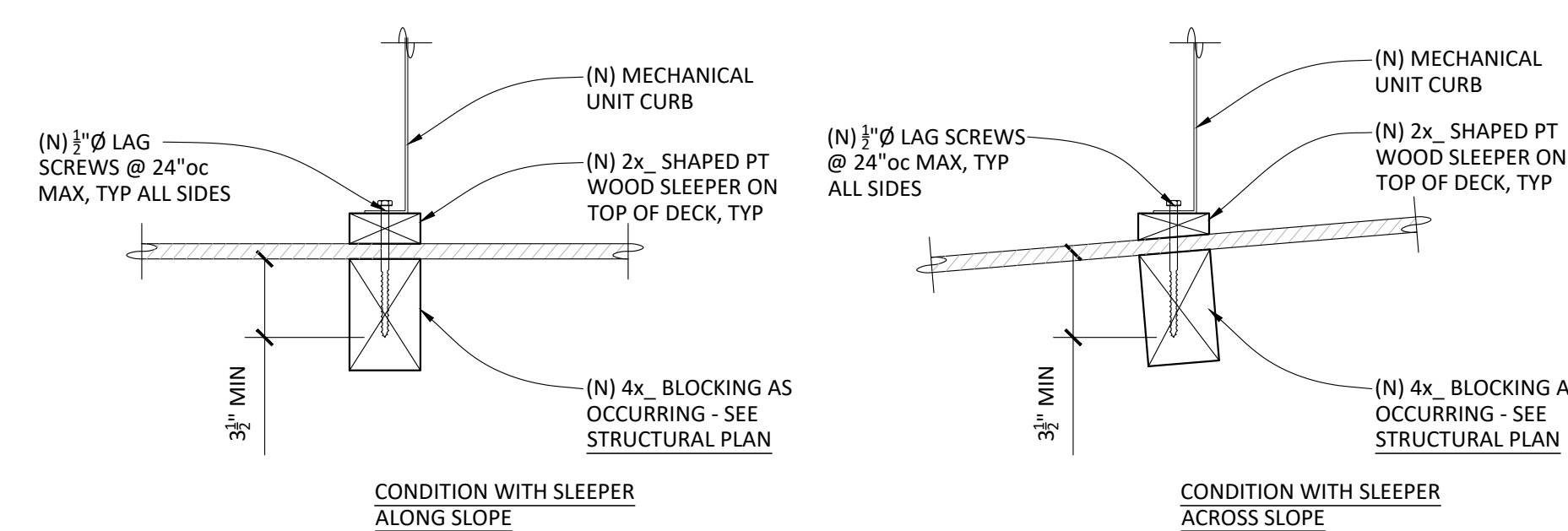
DETAIL 5  
1/2" = 1'-0"



DETAIL 6  
1/2" = 1'-0"

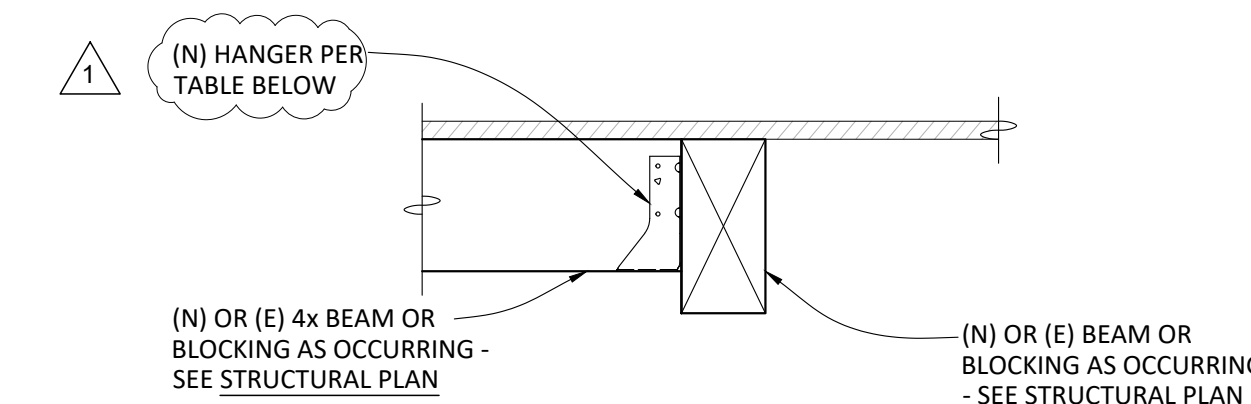


DETAIL 7  
3" = 1'-0"



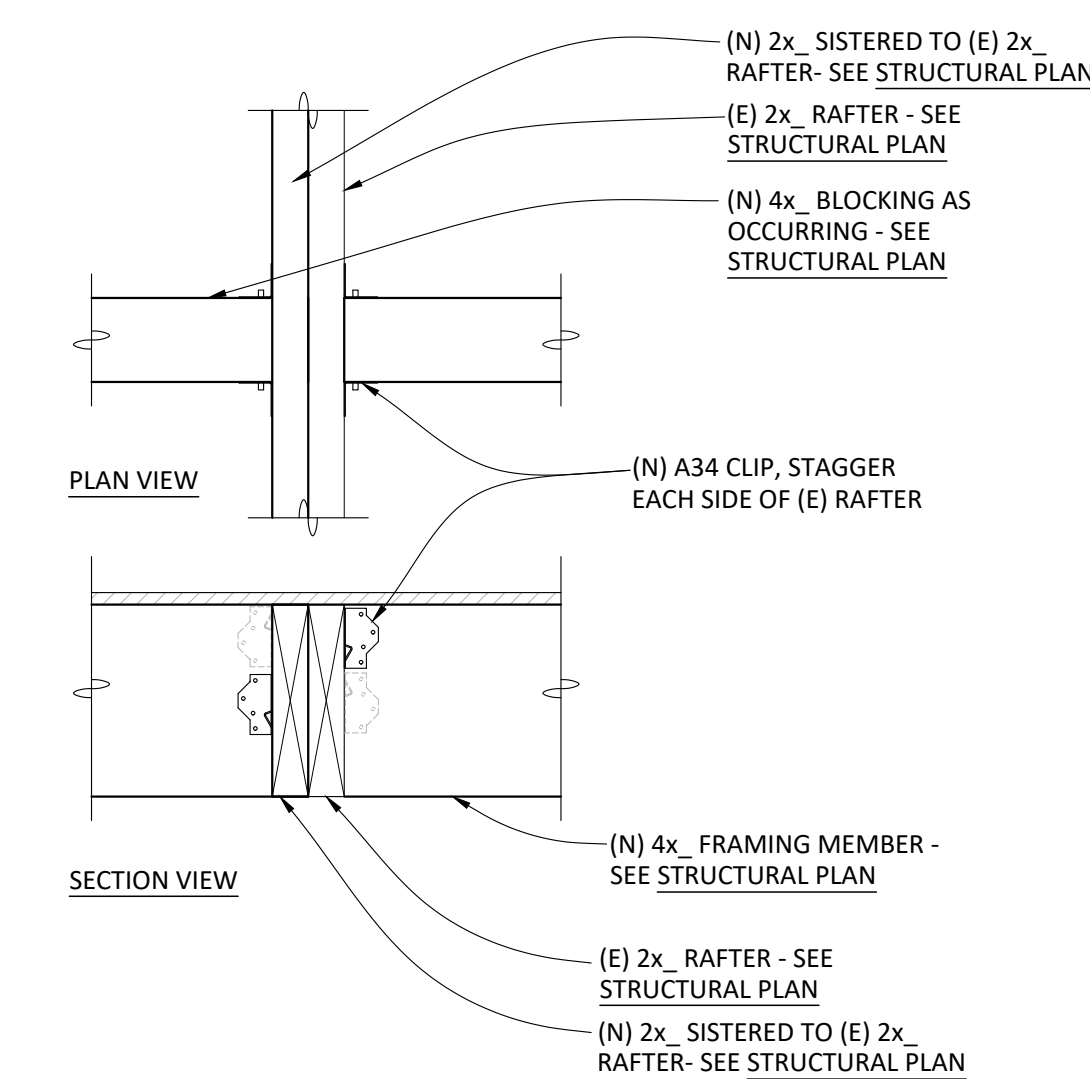
CONDITION @ NEW CURB

DETAIL 1  
1/2" = 1'-0"



| BRG SECTION | HANGER         |
|-------------|----------------|
| 4x6, 4x8    | SIMPSON LUS46  |
| 4x10, 4x12  | SIMPSON LUS410 |
| 4x14        | SIMPSON LUS414 |

DETAIL 2  
1/2" = 1'-0"



THIS DETAIL IS TO BE USED WHERE NEW 4x MEMBERS ARE TO BE FRAMED INTO EXISTING RAFTERS

DETAIL 3  
1/2" = 1'-0"

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PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**DETAILS**

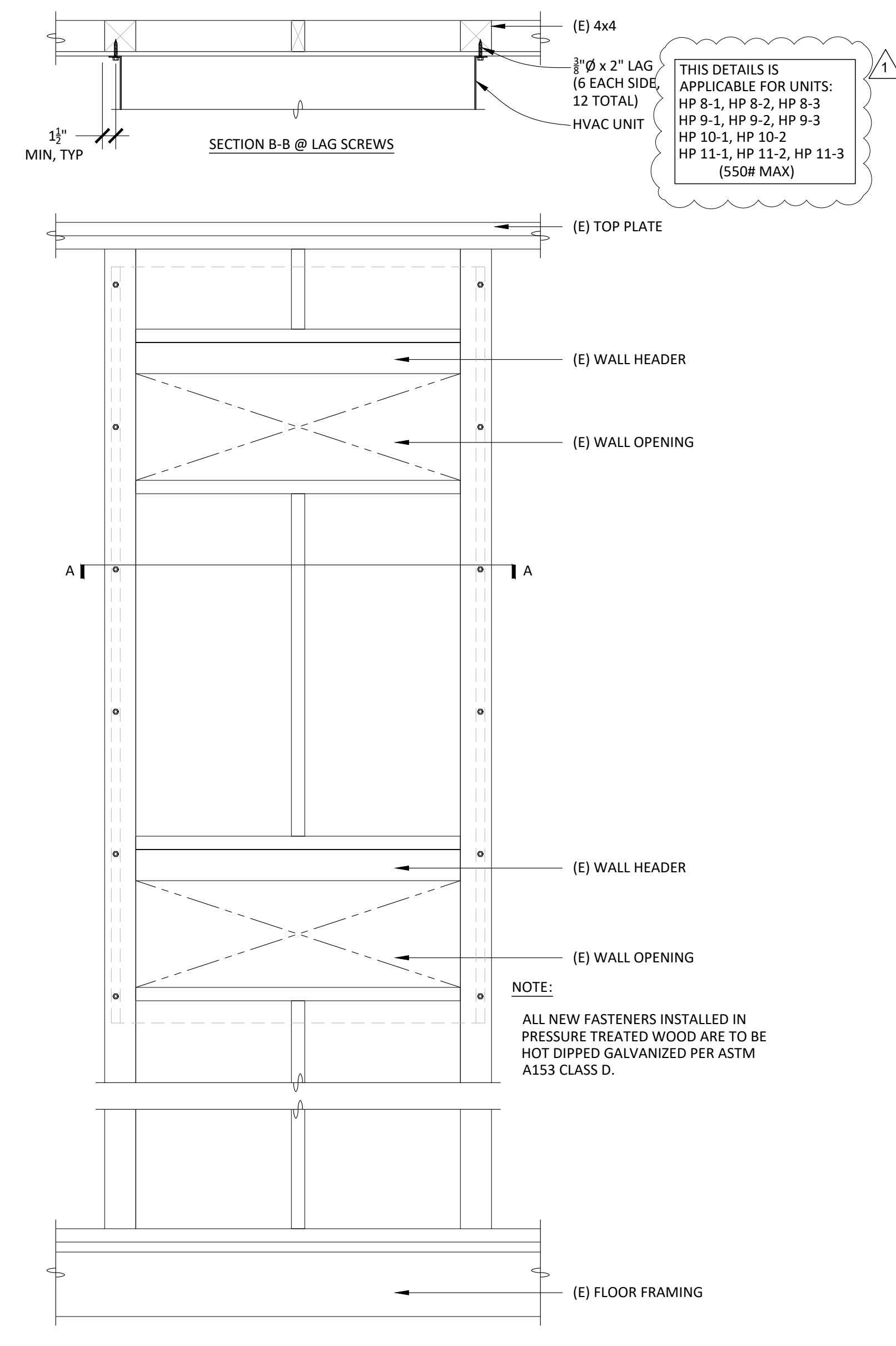
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DATE: 02/27/2024 CLIENT PROJ NO: 3186-070-000  
SHEET:

**S4.01**

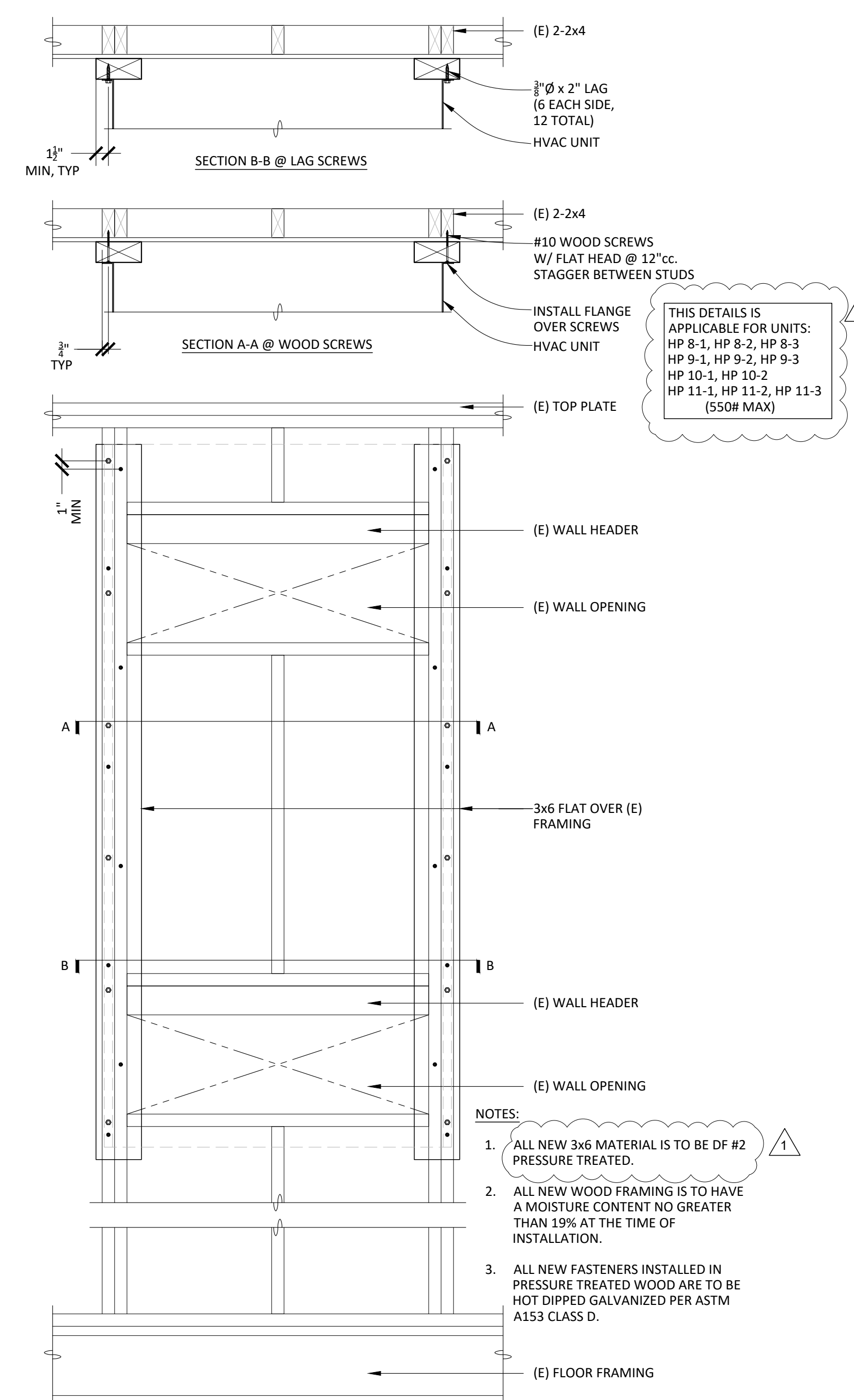


THE LINE SHOWN ABOVE IS  
 MAXIMUM DIMENSIONAL RANGE SIZE  
 UNLESS OTHERWISE NOTED



OCCURS WHEN WALL FRAMING AT HVAC DUCT OPENINGS  
 CONSISTS OF (E) 4x4 STUDS

DETAIL 2  
 1" = 1'-0"



OCCURS WHEN WALL FRAMING AT HVAC DUCT OPENINGS  
 CONSISTS OF (E) 2-2x4 STUDS

DETAIL 1  
 1" = 1'-0"

AGENCY  
 APPROVAL:



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SHEET NAME:  
**DETAILS**

**DSA SUBMITTAL**

DATE: 02/27/2024 CLIENT PROJ NO: 3186-070-000  
 SHEET:

**S4.02**



### EQUIPMENT ANCHORAGE NOTES

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.17 THROUGH 1617A.1.20 & 1617A.1.23 AND ASCE 7-18 CHAPTERS 13, 28 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS; OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

### PIPING AND DUCTWORK DISTRIBUTION SYSTEM BRACING NOTES

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTIONS 1617A.1.24 THROUGH 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E).

MP MD PP E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT  
☒ ☐ ☐ ☐ SPECIFIC NOTES AND DETAILS.

MP MD PP E OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL  
☐ ☐ ☐ ☐ (OPMF) #0043-13.

### MECHANICAL LEGEND

| SYMBOL | ITEM  | ABBR.   |
|--------|---|---------|
| ☒      | SUPPLY AIR  | SA      |
| ☐      | RETURN AIR  | RA      |
| ☐      | EXHAUST AIR   | EA      |
| ☐      | OUTSIDE AIR   | OSA     |
| ☐      | TRANSFER AIR  | TA      |
| U-1    | DETAIL DESIGNATION<br>DETAIL NUMBER   |         |
| U-1    | SHEET NO. WHERE SHOWN   |         |
| U-1    | EQUIPMENT DESIGNATION<br>UNIT ABBREVIATION<br>NUMBER                                |         |
| U-1    | GRILLE DESIGNATION<br>- NECK SIZE & ROW (4 UON)<br>- FIRE DAMPER WHERE REQ'D<br>CFM |         |
| U-1    | ACOUSTIC LINED DUCT   | L       |
| U-1    | TURNING VANES   | TV      |
| U-1    | DUCT FLEXIBLE CONNECTION  |         |
| U-1    | DUCT RISER  |         |
| U-1    | DUCT DROP   |         |
| U-1    | RECTANGULAR TO ROUND FITTING  |         |
| U-1    | VOLUME CONTROL DAMPER   | VD      |
| U-1    | FIRE DAMPER W/ ACCESS   | FD      |
| U-1    | FIRE SMOKE DAMPER W/ ACCESS   | FSD     |
| U-1    | OPPOSED BLADE DAMPER  | ORD     |
| U-1    | BACKDRAFT DAMPER  | BDD     |
| U-1    | MOTORIZED DAMPER  |         |
| U-1    | THERMOSTAT @ 448" AFF   | T-STAT  |
| U-1    | SENSOR @ 448" AFF   |         |
| U-1    | TIMECLOCK @ 448" AFF  |         |
| U-1    | TEMPERATURE CONTROL PANEL   | TCP     |
| U-1    | DUCT SMOKE DETECTOR   | SD      |
| U-1    | PIPE RISER/DROP   | (R)/D   |
| U-1    | ABOVE FINISHED FLOOR  | AFF     |
| U-1    | UNLESS OTHERWISE NOTED  | UNON    |
| U-1    | TYPICAL   | (TYP)   |
| U-1    | BOTTOM OF DUCT  | BOD     |
| U-1    | BOTTOM OF PIPE  | BOP     |
| U-1    | AUTOMATIC AIR VENT  | AAV     |
| U-1    | MANUAL AIR VENT   | MAV     |
| U-1    | TEMP. CONTROL CONTRACTOR  | TCC     |
| U-1    | TEMPERATURE CONTROL VALVE   | TCV     |
| U-1    | COMBUSTION AIR  | CA      |
| U-1    | NEW   | (N)     |
| U-1    | EXISTING  | (E)     |
| U-1    | POINT OF DIS/CONNECTION   | POD/POC |
| U-1    | HEATING HOT WATER SUPPLY  | HHWS    |
| U-1    | HEATING HOT WATER RETURN  | HHWR    |
| U-1    | 2-WAY CONTROL VALVE   |         |
| U-1    | BACKFLOW PREVENTER  | BFP     |
| U-1    | BALL VALVE  |         |
| U-1    | BUTTERFLY VALVE   |         |
| U-1    | CAP   |         |
| U-1    | CHECK VALVE   |         |
| U-1    | AUTOMATIC BALANCE VALVE<br>(B&G ULTRA SET)  | ABV     |
| U-1    | AUTOMATIC BALANCE VALVE<br>(B&G CIRCUIT SETTER)                                     | CBV     |
| U-1    | CONTROL VALVE (2-WAY)   |         |
| U-1    | FLEX CONNECTOR  | FC      |
| U-1    | FLOW ARROW  |         |
| U-1    | GATE VALVE  |         |
| U-1    | PRESSURE GAUGE  |         |
| U-1    | PLUG VALVE  |         |
| U-1    | REDUCER   |         |
| U-1    | STRAINER  |         |
| U-1    | TEMPERATURE SENSOR  | TS      |
| U-1    | TEST PORT (PETE'S PLUG)   | PP      |
| U-1    | THERMOMETER   |         |
| U-1    | TRIPLE DUTY VALVE   |         |

### MECHANICAL SPECIFICATIONS

A. THIS CONTRACTOR SHALL COMPLY WITH ALL CODES AND REGULATIONS IN EFFECT AT THE JOB SITE, INCLUDING, BUT NOT LIMITED TO:

- 2022 CALIFORNIA BUILDING CODE
- 2022 CALIFORNIA MECHANICAL CODE
- 2022 CALIFORNIA PLUMBING CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA GREEN BUILDING STANDARDS
- 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS - TITLE 24
- NATIONAL FIRE PROTECTION ASSOCIATION
- CALIFORNIA STATE FIRE MARSHAL

B. ALL MATERIALS AND EQUIPMENT INSTALLED UNDER THIS CONTRACT SHALL BE GUARANTEED FREE FROM ALL MECHANICAL, ELECTRICAL AND WORKMANSHIP DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ALL DAMAGED ITEMS INSTALLED UNDER THIS CONTRACT WITHOUT ADDITIONAL COST TO OWNER.

C. THE MECHANICAL CONTRACTOR SHALL PROVIDE THE OWNER COPIES OF OPERATION, MAINTENANCE AND PREVENTATIVE MAINTENANCE MANUALS FOR EACH MODEL AND TYPE OF MECHANICAL EQUIPMENT.

D. CHECK AND VERIFY EXISTING CONDITIONS AT THE JOB SITE BEFORE BEGINNING WORK. ADJUST THE LOCATION AND CONFIGURATION OF THE WORK NECESSARY TO SUIT ACTUAL CONDITIONS AND OTHER TRADES. ANY CHANGES REQUIRED MUST FIRST BE APPROVED BY THE ARCHITECT OR ENGINEER.

E. THE LOCATIONS OF EQUIPMENT, PIPING, DUCTWORK AND SYSTEMS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE. CHANGES REQUIRED TO SUIT EXISTING CONDITIONS AND DUE TO COORDINATION WITH OTHER TRADES SHALL BE MADE AT NO EXTRA COST TO THE OWNER.

F. SUBMIT MANUFACTURER'S PRODUCT DATA INCLUDING NAME OF MANUFACTURER, TRADE NAME, MODEL, CAPACITY, OPTIONS, DIMENSIONS, WEIGHTS, INSTALLATION AND STARTUP DATA. EQUIPMENT PERFORMANCE SCHEDULED ARE MINIMUM CAPACITY, AIR FLOW, EFFICIENCY, ETC. REQUIRED. WEIGHTS AND ELECTRICAL DATA SCHEDULED IS MAXIMUM AVAILABLE OR ALLOWABLE.

G. ALL EQUIPMENT IS TO BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER. USING ALL ACCESSORY EQUIPMENT AVAILABLE FROM THE MANUFACTURER FOR SUPPORTS, CONTROLS, ETC., TO MAKE A COMPLETE SYSTEM. ALL EQUIPMENT OR ACCESSORIES NEEDED AND NOT SHOWN OR SPECIFIED SHALL BE FURNISHED AND INSTALLED BY THIS CONTRACTOR. ADJUST THE EQUIPMENT FOR PROPER OPERATION. COORDINATE THE EXACT TYPE AND LOCATION OF ACCESS DOORS TO PROVIDE PROPER ACCESS TO THE ITEM CONCEALED.

H. PROVIDE ACCESS DOORS WHERE ACCESS THROUGH FLOORS, WALLS OR CEILING IS REQUIRED TO ACCESS MECHANICAL CONTROL SYSTEM COMPONENTS, FIRE/SMOKE DAMPERS, SMOKE DETECTORS, ETC., OR OTHER SYSTEMS REQUIRING ACCESS FOR MAINTENANCE, TESTING OR OBSERVATION. COORDINATE THE EXACT TYPE AND LOCATION OF ACCESS DOORS TO PROVIDE PROPER ACCESS TO THE ITEM CONCEALED.

I. CHECK ALL PIPE AND DUCTWORK FOR LEAKS AND EXCESSIVE AIR LOSS AND NOISE. CORRECT ANY DEFICIENCIES AS SOON AS DISCOVERED. OPERATE THE SYSTEMS AS A TEST AND DEMONSTRATE TO THE OWNER AND ARCHITECT OR ENGINEER THAT THE SYSTEM IS FUNCTIONING PROPERLY.

J. GALVANIZED STEEL DUCTS SHALL BE ASTM A 653/A 653M A 653M GALVANIZED STEEL SHEET, FORMING STEEL (FS) DESIGNATION, WITH 50/2275 ZINC COATING.

K. FABRICATE, SUPPORT AND SEAL DUCTWORK IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE, AND AS INDICATED. PROVIDE DUCT MATERIAL, GAGES, REINFORCING, AND SEALING FOR 4' STATIC PRESSURE UPSTREAM OF TERMINAL UNITS (VAV, CAV BOXES) AND 2' STATIC PRESSURE DOWNSTREAM OF TERMINAL UNITS (VAV, CAV BOXES).

L. CONSTRUCT DUCTWORK T'S, BENDS, AND ELBOWS WITH RADIUS OF NOT LESS THAN 1-1/2 TIMES WIDTH OF DUCT ON CENTERLINE. WHERE NOT POSSIBLE RECTANGULAR ELBOWS MUST BE USED, PROVIDE AIR FOL TURNING VANES, WHERE ACOUSTICAL LINING IS INDICATED, PROVIDE TURNING VANES OF PERFORATED METAL WITH GLASS FIBER INSULATION.

M. COMBINATION FIRE AND SMOKE DAMPERS SHALL MEET THE REQUIREMENTS OF NFPA 90A, UL 555, UL 555S, AND AS INDICATED. PROVIDE FACTORY SLEEVE AND COLLAR FOR EACH DAMPER.

N. ALL INSULATION AND LINER PRODUCTS SURFACE BURNING CHARACTERISTICS: FLAME SPREAD/SMOKE DEVELOPED INDEX OF 25/50, MAXIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM E 84, NFPA 255, OR UL 723.  
N.O.1.

### MECHANICAL SHEET INDEX

| SHEET NO. | SHEET TITLE  |
|-----------|--|
| M0.01     | MECHANICAL LEGEND AND NOTES                                    |
| M0.02     | MECHANICAL SCHEDULES   |
| M1.11     | MECHANICAL SITE PLAN   |
| M2.11     | MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 1     |
| M2.12     | MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 2     |
| M2.13     | MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 3, 4  |
| M2.14     | MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 5, 6  |
| M2.15     | MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 7, 8  |
| M2.16     | MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 9, 11 |
| M2.17     | MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 10    |
| M4.11     | MECHANICAL DEMOLITION AND IMPROVEMENT ROOF PLANS - BLDG 1      |
| M4.12     | MECHANICAL DEMOLITION AND IMPROVEMENT ROOF PLANS - BLDG 2      |
| M4.13     | MECHANICAL DEMOLITION AND IMPROVEMENT ROOF PLANS - BLDG 3, 4   |
| M4.14     | MECHANICAL DEMOLITION AND IMPROVEMENT ROOF PLANS - BLDG 5, 6   |
| M4.15     | MECHANICAL DEMOLITION AND IMPROVEMENT ROOF PLANS - BLDG 7, 8   |
| M5.11     | MECHANICAL ENLARGED FLOOR PLANS - BLDG 1 KITCHEN               |
| M6.01     | MECHANICAL KITCHEN EQUIPMENT DRAWINGS                          |
| M6.02     | MECHANICAL KITCHEN EQUIPMENT DRAWINGS                          |
| M7.01     | MECHANICAL CONTROLS  |
| M7.02     | MECHANICAL CONTROLS  |
| M7.03     | MECHANICAL CONTROLS  |
| M8.01     | MECHANICAL DETAILS   |
| M8.02     | MECHANICAL DETAILS   |

### AGENCY APPROVAL:



### HMC Architects

3186-070-000

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SACRAMENTO, CA 95816  
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| ISSUE | DESCRIPTION | DATE       |
|-------|-------------|------------|
| 1     | ADDENDUM #1 | 03/01/2024 |

MEP & FS / Sustainability / CxA

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SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**MECHANICAL LEGEND AND NOTES**

### DSA SUBMITTAL

DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000

SHEET:

# M0.01



DATE PLOTTED: 03/01/2024 12:15:20 PM

| OUTSIDE AIR SCHEDULE |              |              |                            |
|----------------------|--------------|--------------|----------------------------|
| SYSTEM NAME          | MIN. OSA CFM | MAX. OSA CFM | DEMAND CONTROL VENT. (Y/N) |
| HP-8-1               | 370          | -            | N                          |
| HP-8-2               | 185          | -            | N                          |
| HP-8-3               | 185          | -            | N                          |
| HP-9-1               | 370          | -            | N                          |
| HP-9-2               | 185          | -            | N                          |
| HP-9-3               | 185          | -            | N                          |
| HP-10-1              | 325          | -            | N                          |
| HP-10-2              | 325          | -            | N                          |
| HP-11-1              | 360          | -            | N                          |
| HP-11-2              | 360          | -            | N                          |
| HP-11-3              | 360          | -            | N                          |

\* OSA TO BE PER TITLE 24, 2022 BUILDING ENERGY EFFICIENCY STANDARDS, SECTION 120.1, REQUIREMENTS.

\* DEMAND VENTILATION CONTROLS SHALL MAINTAIN CO2 CONCENTRATIONS LESS THAN OR EQUAL TO 600 PPM PLUS THE OUTDOOR AIR CO2 CONCENTRATIONS IN ALL ROOMS WITH CO2 SENSORS.

| WALL MOUNTED HEAT PUMP UNIT SCHEDULE |      |           |            |       |     |      |                 |                  |            |      |                |                |         |      |                       |                          |              |              |                   |      |      |                       |             |                         |        |       |                       |                     |
|--------------------------------------|------|-----------|------------|-------|-----|------|-----------------|------------------|------------|------|----------------|----------------|---------|------|-----------------------|--------------------------|--------------|--------------|-------------------|------|------|-----------------------|-------------|-------------------------|--------|-------|-----------------------|---------------------|
| TYPE                                 | MARK | NOM. TONS | ELECTRICAL |       |     |      |                 | BLOWER           |            |      |                |                | COOLING |      |                       |                          |              | HEATING      |                   |      |      |                       | FILTER TYPE | OPERATING WEIGHT (LBS.) | MFGR   | MODEL |                       |                     |
|                                      |      |           | VOLT       | PHASE | MCA | MOCP | POWER WIRE SIZE | GROUND WIRE SIZE | DESIGN BHP | CFM  | E.S.P. (IN WC) | MIN. OSA (CFM) | DRIVE   | TYPE | TOTAL CAPACITY (BTUH) | SENSIBLE CAPACITY (BTUH) | E.A. DB (°F) | E.A. WB (°F) | AMBIENT TEMP (°F) | EER  | TYPE | CAPACITY @47°F (BTUH) |             |                         |        |       | CAPACITY @17°F (BTUH) | COP@47°F / COP@17°F |
| HP                                   | 8-1  | 3         | 208/230    | 1     | 53  | 60   | #6              | #10              | 0.5        | 1150 | 0.15           | 400            | DIRECT  | DX   | 36000                 | 28600                    | 80           | 67           | 95                | 11.1 | DX   | 33000                 | 21110       | 3.3/2.3                 | MERV13 | 420   | BARD                  | W36H                |
| HP                                   | 8-2  | 3         | 208/230    | 1     | 53  | 60   | #6              | #10              | 0.5        | 1150 | 0.15           | 400            | DIRECT  | DX   | 36000                 | 28600                    | 80           | 67           | 95                | 11.1 | DX   | 33000                 | 21110       | 3.3/2.3                 | MERV13 | 420   | BARD                  | W36H                |
| HP                                   | 8-3  | 3         | 208/230    | 1     | 53  | 60   | #6              | #10              | 0.5        | 1150 | 0.15           | 400            | DIRECT  | DX   | 36000                 | 28600                    | 80           | 67           | 95                | 11.1 | DX   | 33000                 | 21110       | 3.3/2.3                 | MERV13 | 420   | BARD                  | W36H                |
| HP                                   | 9-1  | 3         | 208/230    | 1     | 53  | 60   | #6              | #10              | 0.5        | 1150 | 0.15           | 400            | DIRECT  | DX   | 36000                 | 28600                    | 80           | 67           | 95                | 11.1 | DX   | 33000                 | 21110       | 3.3/2.3                 | MERV13 | 420   | BARD                  | W36H                |
| HP                                   | 9-2  | 3         | 208/230    | 1     | 53  | 60   | #6              | #10              | 0.5        | 1150 | 0.15           | 400            | DIRECT  | DX   | 36000                 | 28600                    | 80           | 67           | 95                | 11.1 | DX   | 33000                 | 21110       | 3.3/2.3                 | MERV13 | 420   | BARD                  | W36H                |
| HP                                   | 9-3  | 3         | 208/230    | 1     | 53  | 60   | #6              | #10              | 0.5        | 1150 | 0.15           | 400            | DIRECT  | DX   | 36000                 | 28600                    | 80           | 67           | 95                | 11.1 | DX   | 33000                 | 21110       | 3.3/2.3                 | MERV13 | 420   | BARD                  | W36H                |
| HP                                   | 10-1 | 3.5       | 208/230    | 1     | 84  | 90   | #4              | #8               | 0.5        | 1350 | 0.15           | 400            | DIRECT  | DX   | 41500                 | 30800                    | 80           | 67           | 95                | 11.0 | DX   | 39000                 | 24100       | 3.3/2.3                 | MERV13 | 550   | BARD                  | W42H                |
| HP                                   | 10-2 | 3.5       | 208/230    | 1     | 84  | 90   | #4              | #8               | 0.5        | 1350 | 0.15           | 400            | DIRECT  | DX   | 41500                 | 30800                    | 80           | 67           | 95                | 11.0 | DX   | 39000                 | 24100       | 3.3/2.3                 | MERV13 | 550   | BARD                  | W42H                |
| HP                                   | 11-1 | 3.5       | 208/230    | 1     | 84  | 90   | #4              | #8               | 0.5        | 1350 | 0.15           | 400            | DIRECT  | DX   | 41500                 | 30800                    | 80           | 67           | 95                | 11.0 | DX   | 39000                 | 24100       | 3.3/2.3                 | MERV13 | 550   | BARD                  | W42H                |
| HP                                   | 11-2 | 3.5       | 208/230    | 1     | 84  | 90   | #4              | #8               | 0.5        | 1350 | 0.15           | 400            | DIRECT  | DX   | 41500                 | 30800                    | 80           | 67           | 95                | 11.0 | DX   | 39000                 | 24100       | 3.3/2.3                 | MERV13 | 550   | BARD                  | W42H                |
| HP                                   | 11-3 | 3.5       | 208/230    | 1     | 84  | 90   | #4              | #8               | 0.5        | 1350 | 0.15           | 400            | DIRECT  | DX   | 41500                 | 30800                    | 80           | 67           | 95                | 11.0 | DX   | 39000                 | 24100       | 3.3/2.3                 | MERV13 | 550   | BARD                  | W42H                |

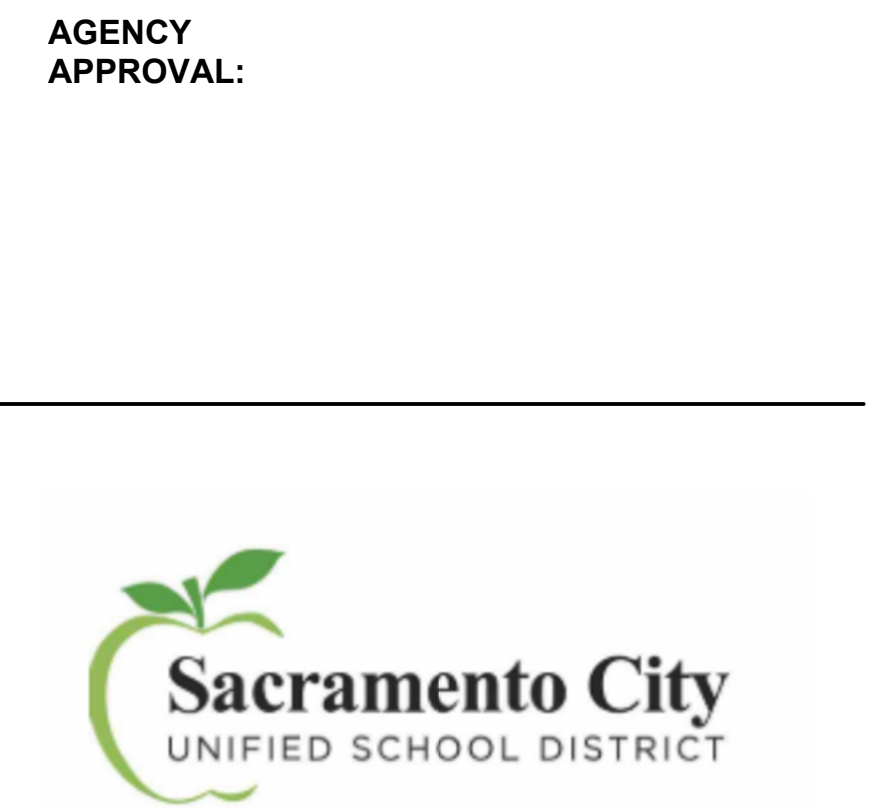
NOTES:  
 1. UNITS PERFORMANCE BASED UPON 105°F DB/ 72°F WB SUMMER AND 30°F DB WINTER AMBIENT CONDITIONS.  
 2. PROVIDE ECONOMIZER FOR ALL UNITS.  
 3. PROVIDE MERV 13 DISPOSABLE FILTER.  
 4. PROVIDE 5KW ELECTRIC RESISTANCE HEAT STRIP FOR HP-8-1, HP-8-2, HP-8-3, HP-9-1, HP-9-2, AND HP-9-3. PROVIDE 10KW ELECTRIC RESISTANCE HEAT STRIP FOR HP-10-1, HP-10-2, HP-11-1, HP-11-2, AND HP-11-3.  
 5. UNITS TO BE CONNECTED TO JOHNSON CONTROL DRAWINGS FOR ADDITIONAL INFO.

| EXHAUST FAN SCHEDULE |      |             |       |            |       |      |      |     |              |       |        |       |         |          |                         |      |             |          |   |
|----------------------|------|-------------|-------|------------|-------|------|------|-----|--------------|-------|--------|-------|---------|----------|-------------------------|------|-------------|----------|---|
| TYPE                 | MARK | FAN TYPE    | MOUNT | ELECTRICAL |       |      |      | CFM | ESP (IN. WC) | DRIVE | RPM    | SONES | SERVICE | CONTROL  | OPERATING WEIGHT (LBS.) | MFGR | MODEL       | NOTES    |   |
|                      |      |             |       | HP         | WATTS | VOLT | FLA  |     |              |       |        |       |         |          |                         |      |             |          | PHASE   |
| REF                  | 1-1  | CENTRIFUGAL | ROOF  | 0.12       | -     | 115  | 5.8  | 1   | 750          | 0.375 | DIRECT | 1181  | 5.8     | SEE PLAN | INTERLOCK WITH LIGHTS   | 70   | GREENHECK   | GB-100-4 | PROVIDE BACK DRAFT DAMPER AND BIRDSCREEN, PRE-WIRED DISCONNECT SWITCH WITH NEMA RATED ENCLOSURE FOR LOCATION, MOTOR THERAL OVERLOAD PROTECTION, PROVIDE WITH PRE-WIRED FAN SPEED CONTROLLER, PROVIDE CURB ADAPTER, CONTRACTOR TO FIELD VERIFY EXISTING CURB DIMENSIONS PRIOR TO ORDERING. FANS TO BE AMCA LICENSED FOR SOUND AND AIR PERFORMANCE. |
| REF                  | 1-2  | CENTRIFUGAL | ROOF  | 1/60       | -     | 115  | -    | 1   | 150          | 0.265 | DIRECT | 1300  | 2.8     | SEE PLAN | INTERLOCK WITH LIGHTS   | 25   | GREENHECK   | G-070-G  | PROVIDE BACK DRAFT DAMPER AND BIRDSCREEN, PRE-WIRED DISCONNECT SWITCH WITH NEMA RATED ENCLOSURE FOR LOCATION, MOTOR THERAL OVERLOAD PROTECTION, PROVIDE WITH PRE-WIRED FAN SPEED CONTROLLER, PROVIDE CURB ADAPTER, CONTRACTOR TO FIELD VERIFY EXISTING CURB DIMENSIONS PRIOR TO ORDERING. FANS TO BE AMCA LICENSED FOR SOUND AND AIR PERFORMANCE. |
| REF                  | 2-1  | CENTRIFUGAL | ROOF  | 0.25       | -     | 115  | 5.8  | 1   | 500          | 0.375 | DIRECT | 1009  | 3.7     | SEE PLAN | INTERLOCK WITH LIGHTS   | 70   | GREENHECK   | GB-100-4 | PROVIDE BACK DRAFT DAMPER AND BIRDSCREEN, PRE-WIRED DISCONNECT SWITCH WITH NEMA RATED ENCLOSURE FOR LOCATION, MOTOR THERAL OVERLOAD PROTECTION, PROVIDE WITH PRE-WIRED FAN SPEED CONTROLLER, PROVIDE CURB ADAPTER, CONTRACTOR TO FIELD VERIFY EXISTING CURB DIMENSIONS PRIOR TO ORDERING. FANS TO BE AMCA LICENSED FOR SOUND AND AIR PERFORMANCE. |
| REF                  | 5-1  | CENTRIFUGAL | ROOF  | 0.19       | -     | 115  | 5.8  | 1   | 1000         | 0.375 | DIRECT | 1410  | 8.3     | SEE PLAN | INTERLOCK WITH LIGHTS   | 70   | GREENHECK   | GB-100-4 | PROVIDE BACK DRAFT DAMPER AND BIRDSCREEN, PRE-WIRED DISCONNECT SWITCH WITH NEMA RATED ENCLOSURE FOR LOCATION, MOTOR THERAL OVERLOAD PROTECTION, PROVIDE WITH PRE-WIRED FAN SPEED CONTROLLER, PROVIDE CURB ADAPTER, CONTRACTOR TO FIELD VERIFY EXISTING CURB DIMENSIONS PRIOR TO ORDERING. FANS TO BE AMCA LICENSED FOR SOUND AND AIR PERFORMANCE. |
| REF                  | 5-2  | CENTRIFUGAL | ROOF  | 1/60       | -     | 115  | -    | 1   | 150          | 0.265 | DIRECT | 1300  | 2.8     | SEE PLAN | INTERLOCK WITH LIGHTS   | 25   | GREENHECK   | G-070-G  | PROVIDE BACK DRAFT DAMPER AND BIRDSCREEN, PRE-WIRED DISCONNECT SWITCH WITH NEMA RATED ENCLOSURE FOR LOCATION, MOTOR THERAL OVERLOAD PROTECTION, PROVIDE WITH PRE-WIRED FAN SPEED CONTROLLER, PROVIDE CURB ADAPTER, CONTRACTOR TO FIELD VERIFY EXISTING CURB DIMENSIONS PRIOR TO ORDERING. FANS TO BE AMCA LICENSED FOR SOUND AND AIR PERFORMANCE. |
| REF                  | 7-1  | CENTRIFUGAL | ROOF  | 0.19       | -     | 115  | 5.8  | 1   | 1000         | 0.375 | DIRECT | 1410  | 8.3     | SEE PLAN | INTERLOCK WITH LIGHTS   | 70   | GREENHECK   | GB-100-4 | PROVIDE BACK DRAFT DAMPER AND BIRDSCREEN, PRE-WIRED DISCONNECT SWITCH WITH NEMA RATED ENCLOSURE FOR LOCATION, MOTOR THERAL OVERLOAD PROTECTION, PROVIDE WITH PRE-WIRED FAN SPEED CONTROLLER, PROVIDE CURB ADAPTER, CONTRACTOR TO FIELD VERIFY EXISTING CURB DIMENSIONS PRIOR TO ORDERING. FANS TO BE AMCA LICENSED FOR SOUND AND AIR PERFORMANCE. |
| REF                  | 7-2  | CENTRIFUGAL | ROOF  | 1/60       | -     | 115  | -    | 1   | 150          | 0.265 | DIRECT | 1300  | 2.8     | SEE PLAN | INTERLOCK WITH LIGHTS   | 25   | GREENHECK   | G-070-G  | PROVIDE BACK DRAFT DAMPER AND BIRDSCREEN, PRE-WIRED DISCONNECT SWITCH WITH NEMA RATED ENCLOSURE FOR LOCATION, MOTOR THERAL OVERLOAD PROTECTION, PROVIDE WITH PRE-WIRED FAN SPEED CONTROLLER, PROVIDE CURB ADAPTER, CONTRACTOR TO FIELD VERIFY EXISTING CURB DIMENSIONS PRIOR TO ORDERING. FANS TO BE AMCA LICENSED FOR SOUND AND AIR PERFORMANCE. |
| HEF                  | 1-1  | UPBLAST     | ROOF  | 0.397      | -     | 115  | 11.6 | 1   | 1575         | 1.0   | DIRECT | 1260  | 9.9     | SEE PLAN | INTERLOCK WITH MAU-1    | 100  | CAPTIVEAIRE | DU85HFA  | SEE ELECTRICAL DRAWINGS FOR DISCONNECT SWITCH. SEE KITCHEN EQUIPMENT DRAWINGS, M6.01 AND M6.02 FOR ADDITIONAL REQUIREMENTS. FAN TO BE INTERLOCKED WITH KITCHEN HOOD AND MAKE-UP AIR UNIT. SEE MECHANICAL CONTROLS AND FOOD SERVICE DRAWINGS FOR ADDITIONAL REQUIREMENTS.  |

| MAKEUP AIR UNIT (GAS/DX) SCHEDULE |      |                |            |       |     |      |            |           |        |      |                |                 |                 |                 |                       |                      |          |             |             |                     |              |              |              |                    |
|-----------------------------------|------|----------------|------------|-------|-----|------|------------|-----------|--------|------|----------------|-----------------|-----------------|-----------------|-----------------------|----------------------|----------|-------------|-------------|---------------------|--------------|--------------|--------------|--------------------|
| TYPE                              | MARK | DUCT DISCHARGE | ELECTRICAL |       |     |      | SUPPLY FAN |           |        |      | COOLING (DX)   |                 |                 |                 | HEATING (NATURAL GAS) |                      |          |             | FILTER TYPE | OPER. WEIGHT (LBS.) | MANUFACTURER | MODEL NUMBER |              |                    |
|                                   |      |                | VOLTS      | PHASE | RLA | MCA  | MOCP       | MOTOR BHP | DRIVE  | CFM  | E.S.P. (IN WC) | E.A. DB/WB (°F) | L.A. DB/WB (°F) | AMBIENT DB (°F) | CAPACITY TOTAL (MBH)  | CAPACITY SENS. (MBH) | AFUE (%) | INPUT (MBH) |             |                     |              |              | OUTPUT (MBH) | AMBIENT DB (°F)    |
| MAU                               | 1-1  | SIDE           | 460        | 3     | 1.3 | 16.3 | 20         | 2.0       | DIRECT | 1575 | 1.0            | 97/69           | 52/52           | 105             | 77                    | 73.4                 | 81       | 92221       | 74699       | 47                  | MERV-13      | 1400         | CAPTIVEAIRE  | CASRTU-1-125-15-6T |

NOTES:  
 1. SEE ELECTRICAL DRAWINGS FOR DISCONNECT SWITCH.  
 2. SEE KITCHEN EQUIPMENT DRAWINGS, M6.01 AND M6.02 FOR ADDITIONAL REQUIREMENTS.  
 3. MAKE-UP AIR UNIT TO BE INTERLOCKED WITH KITCHEN HOOD AND EXHAUST FAN. SEE MECHANICAL CONTROLS AND FOOD SERVICE DRAWINGS FOR ADDITIONAL REQUIREMENTS.  
 4. PROVIDE 14" FACTORY ROOF CURB.

Autodesk Docs:118607000 - SCUSD Matsuyama ES Modernization:318607000-A-MATSUYAMA-MOD.rvt 12/15/2023 2:28:53 PM



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 1 DESCRIPTION DATE  
 1 ADDENDUM #1 03/01/2024



FACILITY:  
**MATSUYAMA ELEMENTARY SCHOOL**  
 7680 WINDBRIDGE DR.  
 SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**MECHANICAL SCHEDULES**

DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000

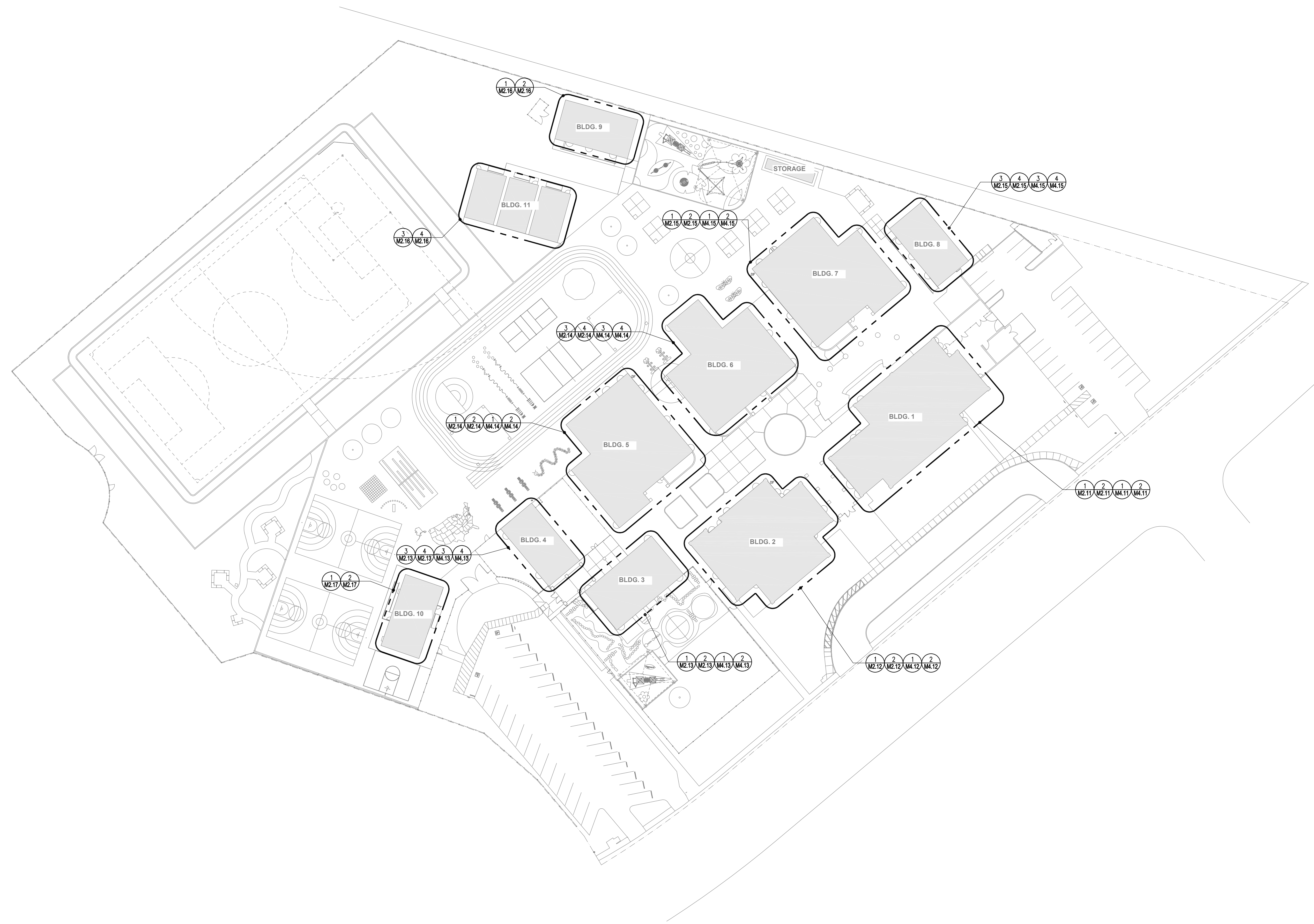
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M0.02



THIS LINE SHOWS APPROXIMATE LOCATION OF MECHANICAL EQUIPMENT. SEE THE ORIGINAL DRAWING FOR THE EXACT LOCATION AND SIZE.

Autodesk Docs:018607000 - SCUSD Matsuyama ES Modernization:018607000-A-MATSUYAMA-MOD.rvt  
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MECHANICAL SITE PLAN

1  
1" = 40'-0"

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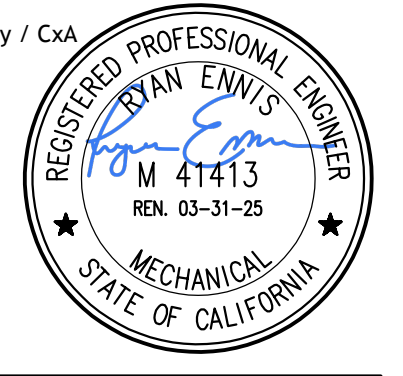
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FACILITY:  
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7680 WINDBRIDGE DR.  
SACRAMENTO, CA 95831

PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**MECHANICAL SITE PLAN**

**DSA SUBMITTAL**

DATE: 01/04/2024

CLIENT PROJ NO: 3186-070-000

SHEET:

**M1.11**



FILE NAME: M2.11.MCD  
 DATE: 03/01/2024  
 SHEET: ORIGINAL PAGE SIZE

KEY NOTES

- ① REMOVE EXISTING DUCTWORK SHOWN HATCHED.
- ② REBALANCE EXISTING AIR OUTLETS/INLET TO AIR QUANTITY SHOWN.

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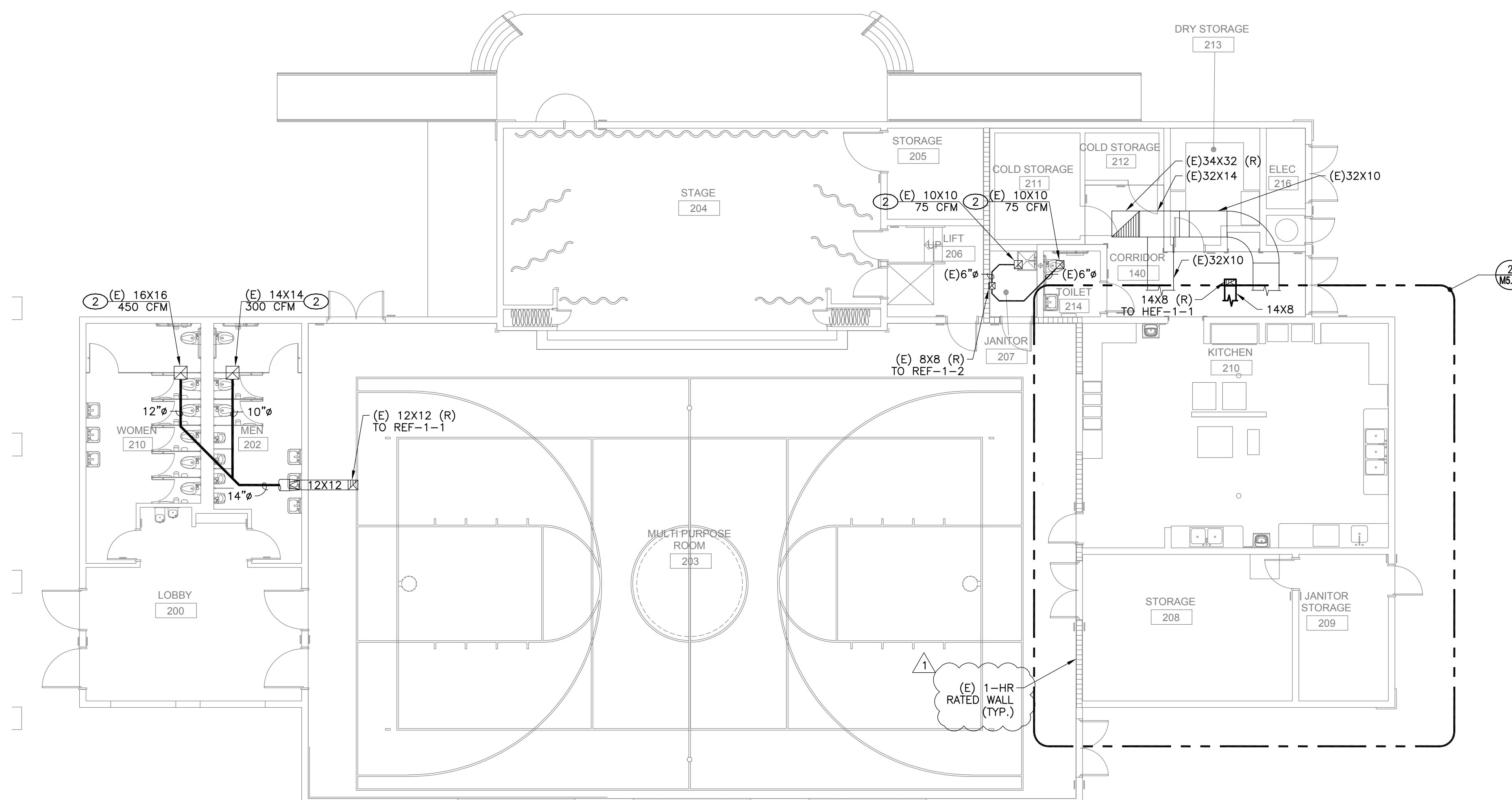


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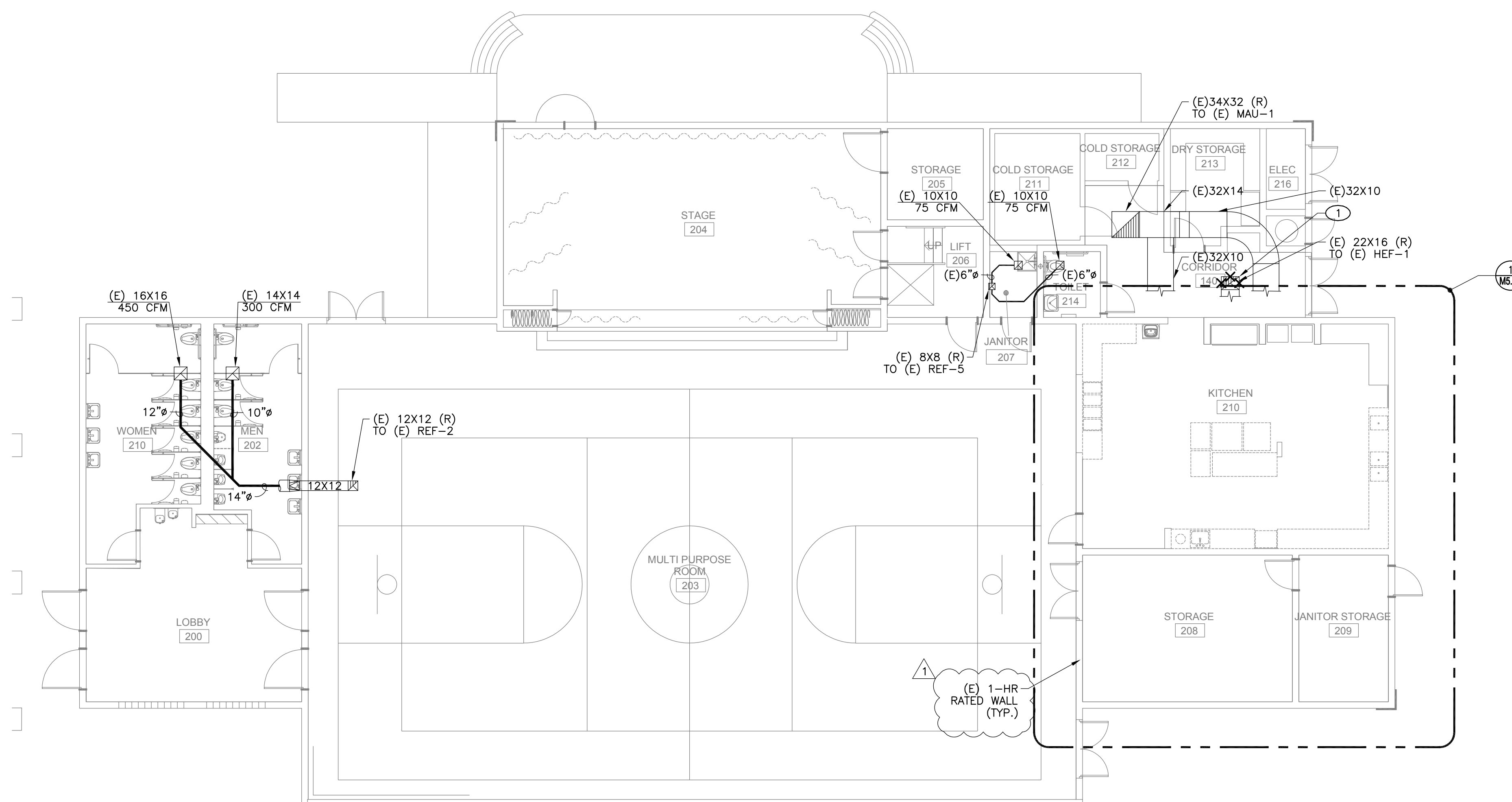


MECHANICAL IMPROVEMENT FLOOR PLAN - BLDG 1

**2**  
 1/8" = 1'-0"

GENERAL NOTES

- 1. FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. NOTIFY ARCHITECT AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.
- 2. PATCH, REPAIR, AND FINISH AS NECESSARY FOR ANY DAMAGES DURING DEMOLITION AND INSTALL.



MECHANICAL DEMOLITION FLOOR PLAN - BLDG 1

**1**  
 1/8" = 1'-0"

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PROJECT:  
**MATSUYAMA ELEMENTARY SCHOOL MODERNIZATION**

SHEET NAME:  
**MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 1**

**DSA SUBMITTAL**

DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000

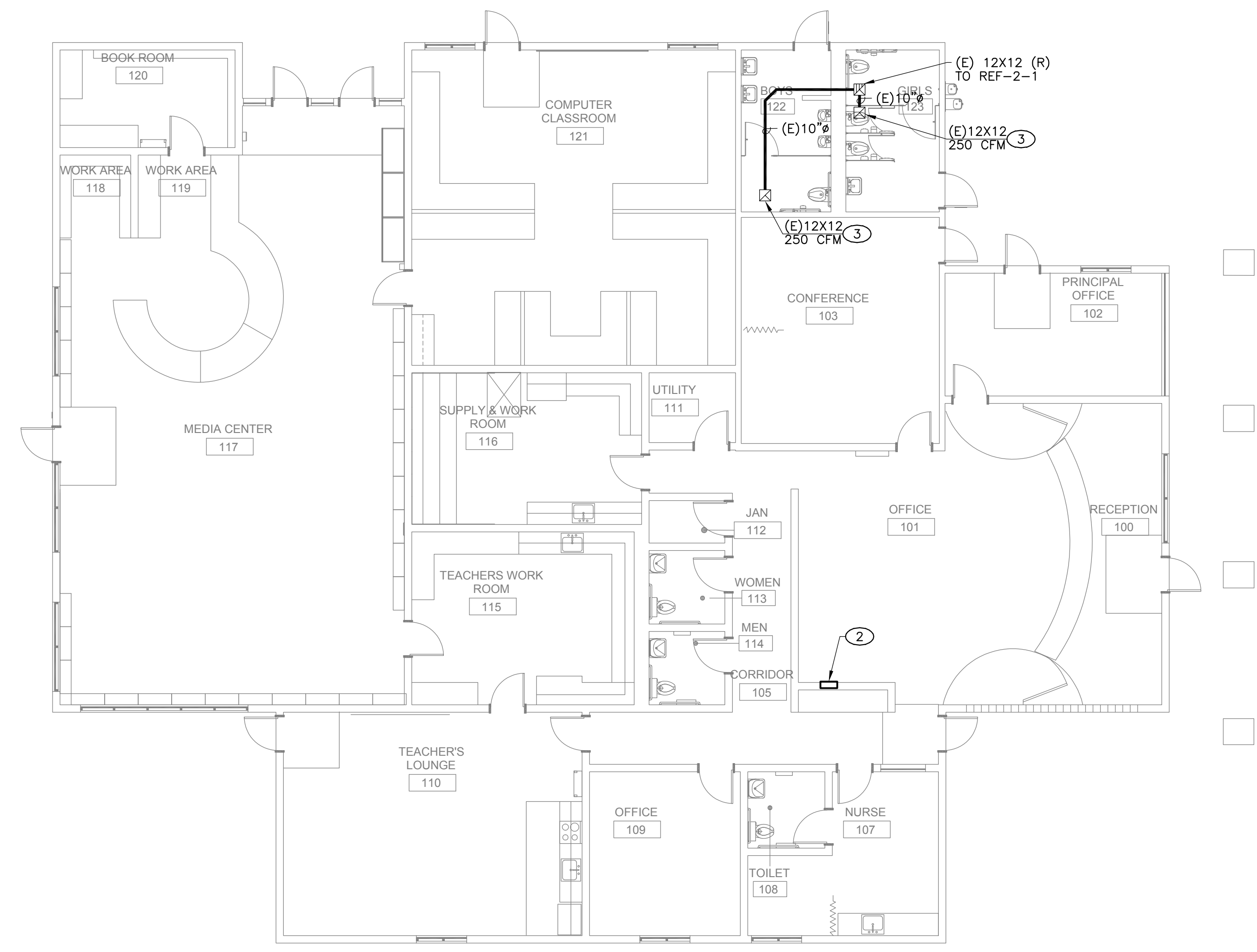
SHEET:

**M2.11**

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FILE NAME: M2.12.MATSUBUYAMA ES MODERNIZATION 318607000-A-MATSUYAMA-MOD-1.rvt  
 DATE: 03/01/2024 2:28:53 PM  
 SHEET ORIGINAL PAGE SIZE



**MECHANICAL IMPROVEMENT FLOOR PLAN - BLDG 2**

**2**  
 1/8" = 1'-0"

- KEY NOTES**
- 1 REPLACE EXISTING JOHNSON CONTROLS N2 GLOBAL CONTROLLER WITH NEW JOHNSON CONTROL METASYS. ALL EXISTING EQUIPMENT ON EXISTING JOHNSON SYSTEM TO BE CONVERTED TO METASYS.
  - 2 NEW JOHNSON CONTROL METASYS. SEE SHEET M7.01, M7.02, AND M7.03.
  - 3 REBALANCE EXISTING AIR OUTLET/INLET TO AIR QUANTITY SHOWN.

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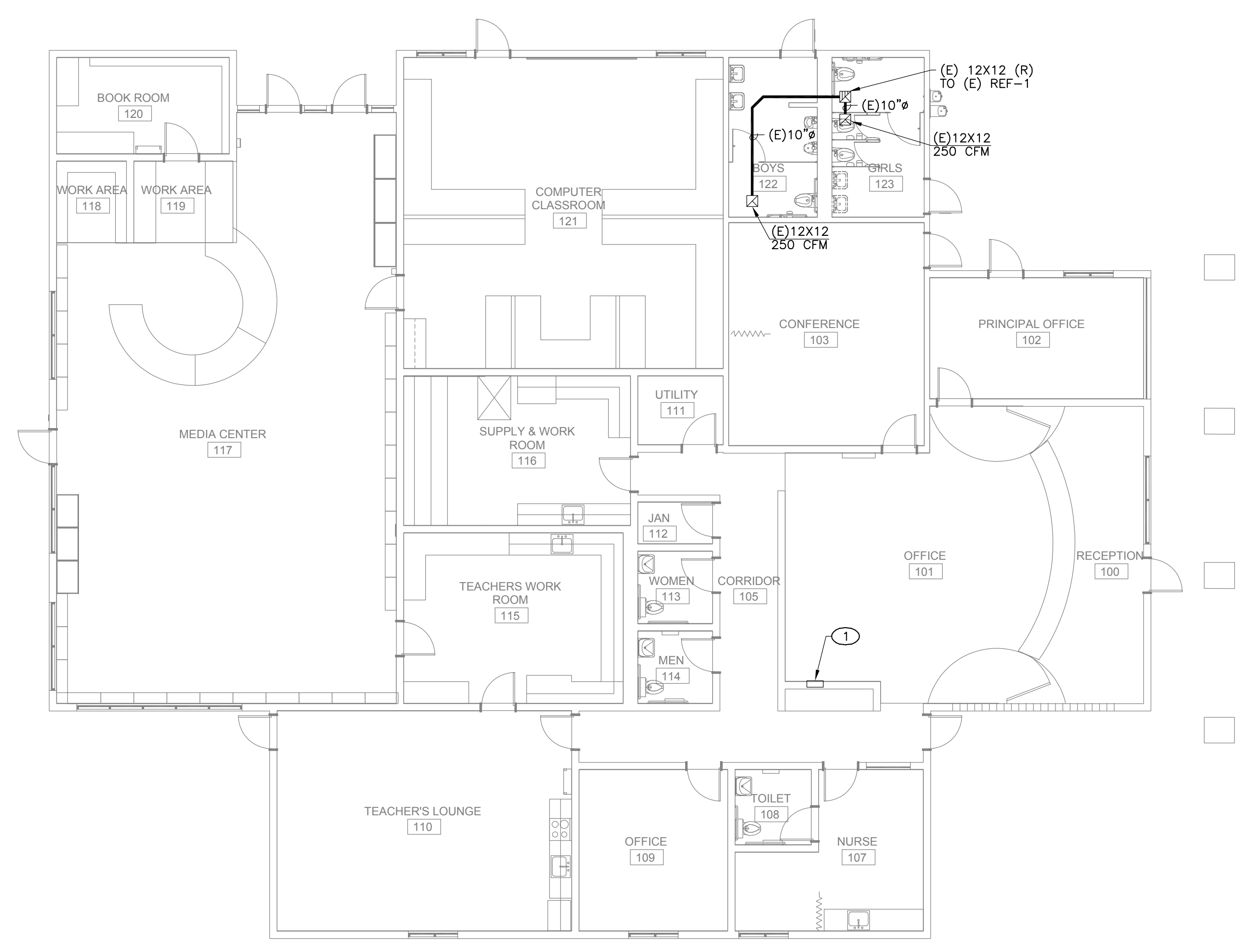
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**GENERAL NOTES**

1. FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. NOTIFY ARCHITECT AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.
2. PATCH, REPAIR, AND FINISH AS NECESSARY FOR ANY DAMAGES DURING DEMOLITION AND INSTALL.



**MECHANICAL DEMOLITION FLOOR PLAN - BLDG 2**

**1**  
 1/8" = 1'-0"

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**MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 2**

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**M2.12**

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**KEY NOTES**

- ① RELABEL EXISTING HVAC UNIT AS SHOWN WITH NEW NAMEPLATE.
- ② NO WORK. FOR REFERENCE ONLY.

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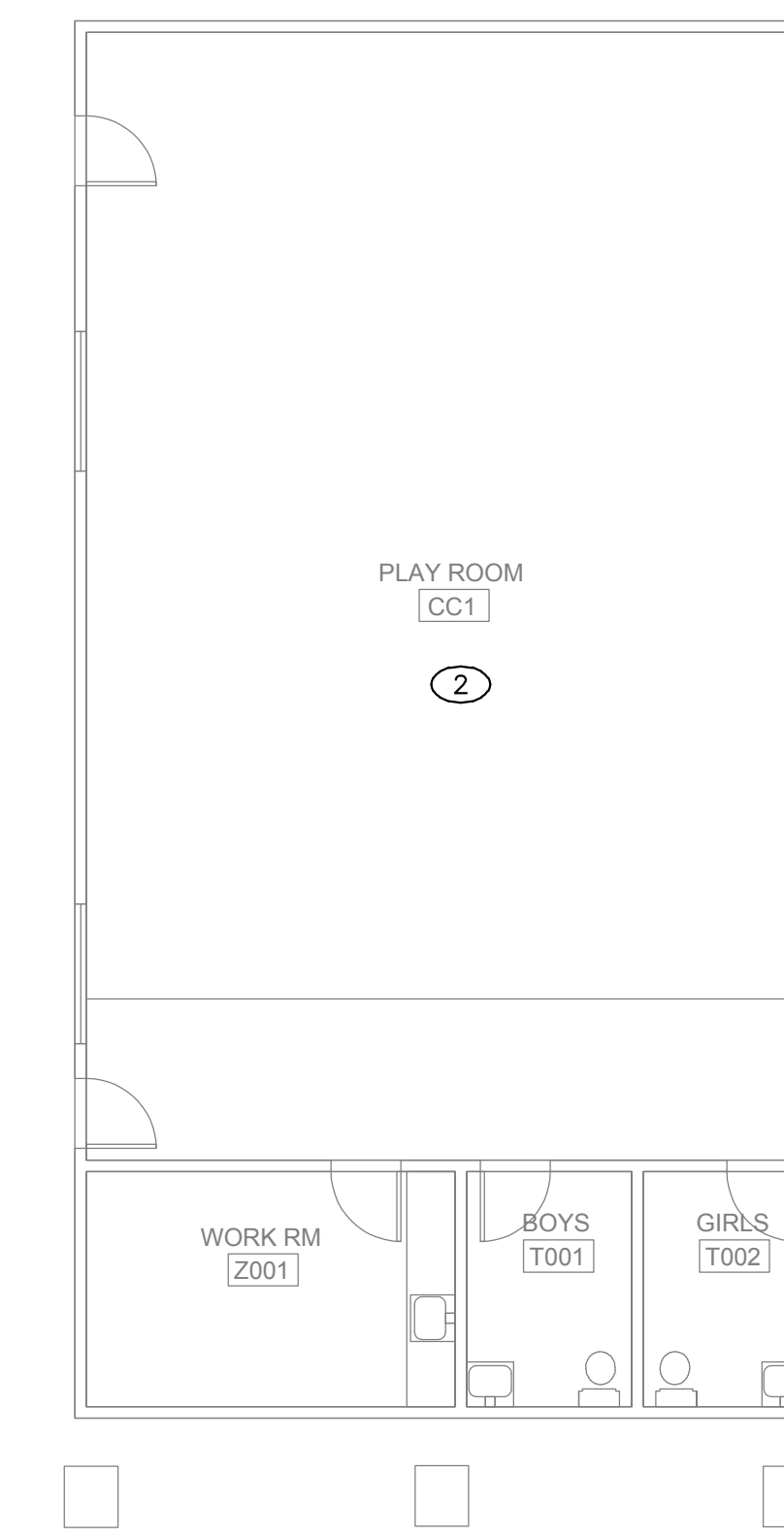
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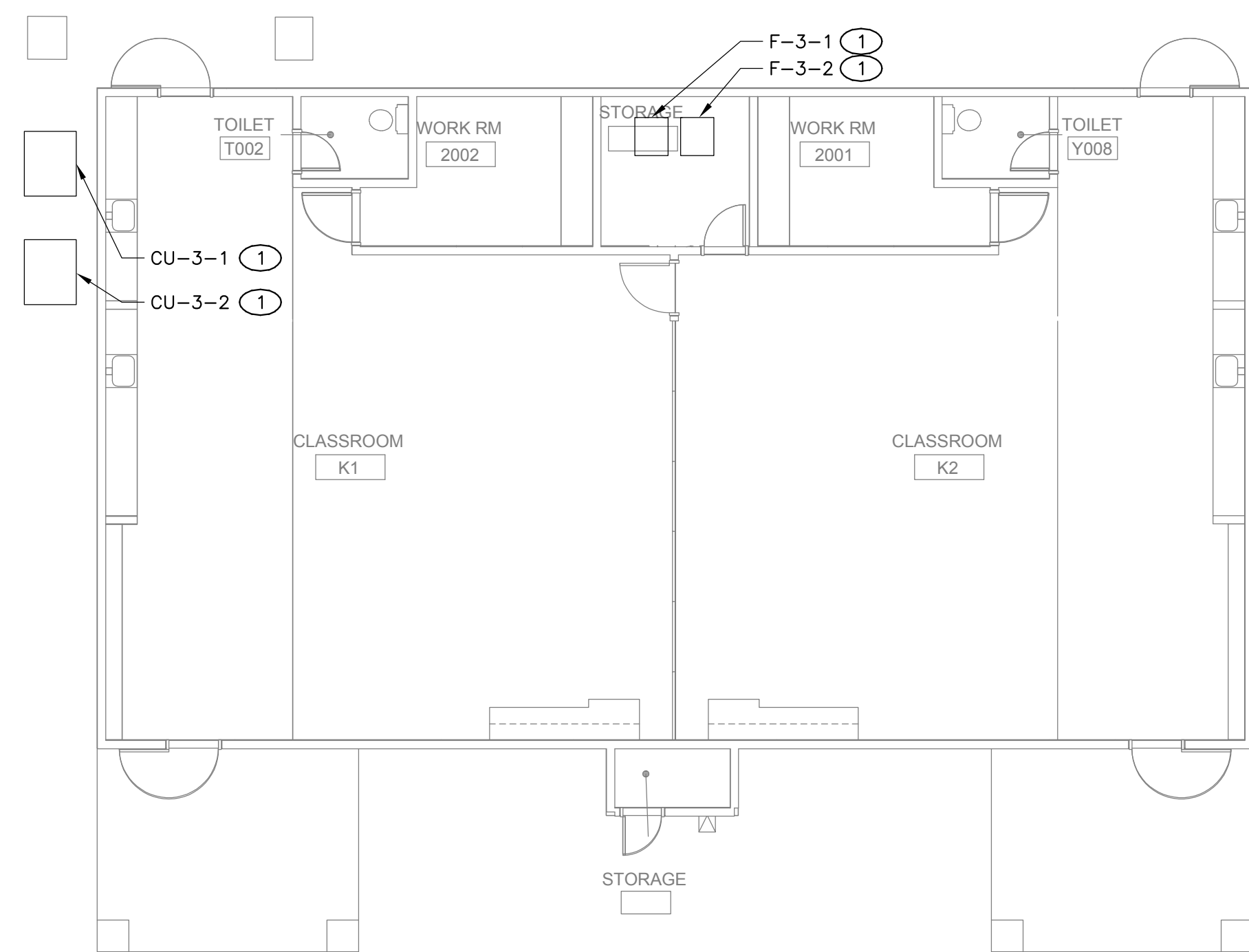
**MECHANICAL IMPROVEMENT FLOOR PLAN - BLDG 4** | **4**  
1/8" = 1'-0"



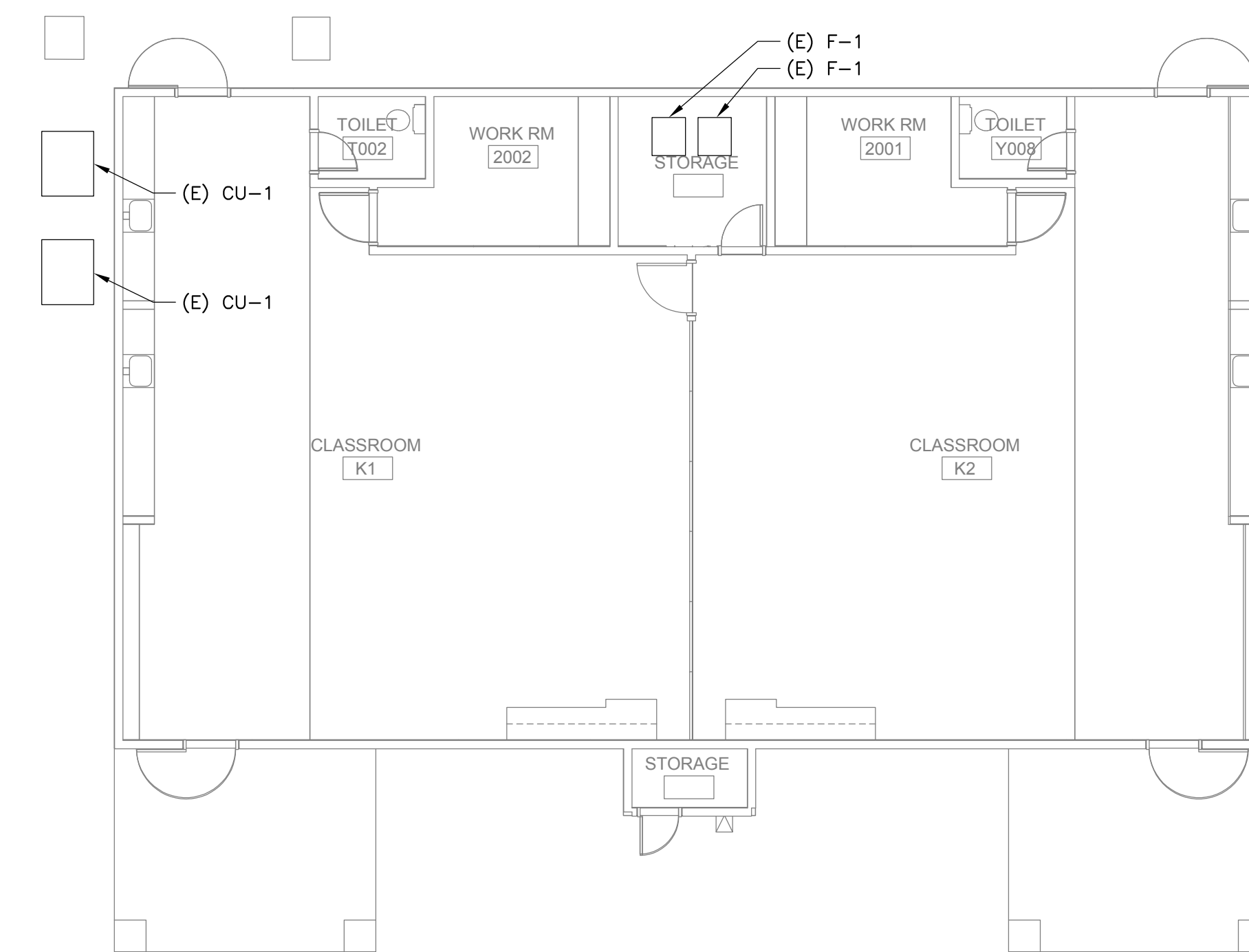
**MECHANICAL DEMOLITION FLOOR PLAN - BLDG 4** | **3**  
1/8" = 1'-0"

**GENERAL NOTES**

- 1. FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. NOTIFY ARCHITECT AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.
- 2. PATCH, REPAIR, AND FINISH AS NECESSARY FOR ANY DAMAGES DURING DEMOLITION AND INSTALL.



**MECHANICAL IMPROVEMENT FLOOR PLAN - BLDG 3** | **2**  
1/8" = 1'-0"



**MECHANICAL DEMOLITION FLOOR PLAN - BLDG 3** | **1**  
1/8" = 1'-0"

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SHEET NAME:  
**MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 3, 4**

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DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000

SHEET:

**M2.13**



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**KEY NOTES**

- ① NO WORK. FOR REFERENCE ONLY.
- ② REBALANCE EXISTING AIR OUTLET/INLET TO AIR QUANTITY SHOWN.

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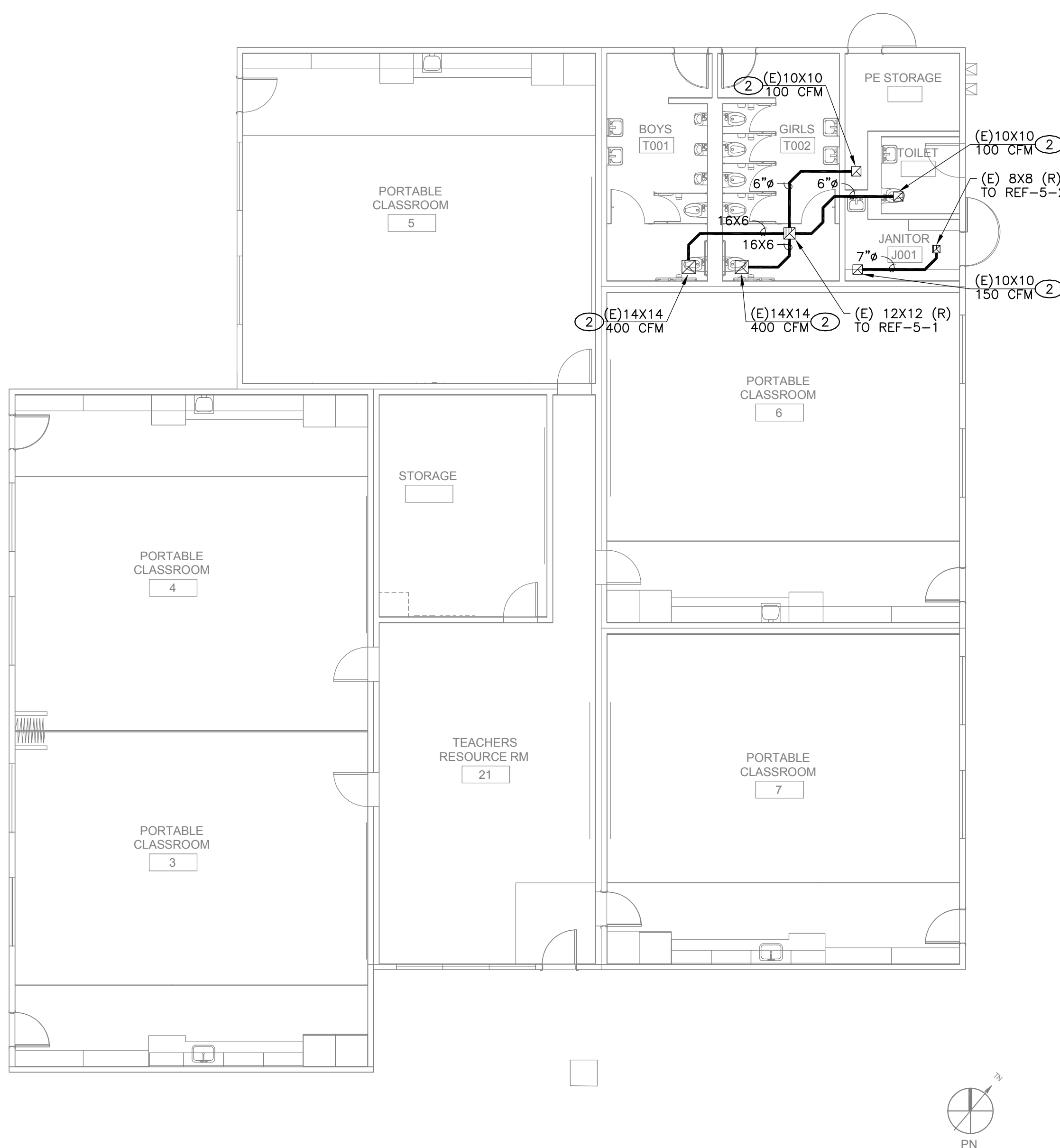
**MECHANICAL IMPROVEMENT FLOOR PLAN - BLDG 6** | **4**  
1/8" = 1'-0"



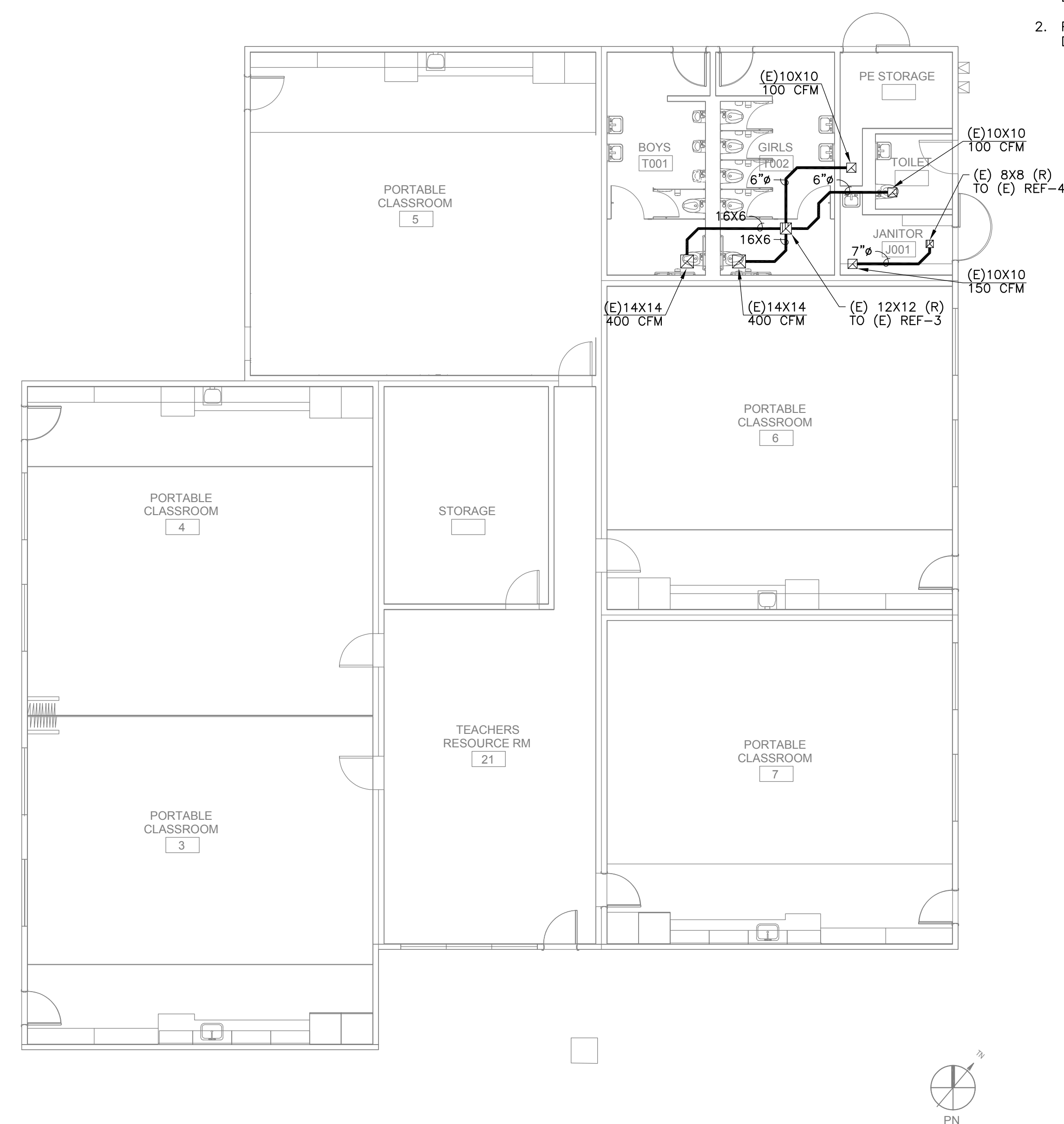
**MECHANICAL DEMOLITION FLOOR PLAN - BLDG 6** | **3**  
1/8" = 1'-0"

**GENERAL NOTES**

- 1. FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. NOTIFY ARCHITECT AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.
- 2. PATCH, REPAIR, AND FINISH AS NECESSARY FOR ANY DAMAGES DURING DEMOLITION AND INSTALL.



**MECHANICAL IMPROVEMENT FLOOR PLAN - BLDG 5** | **2**  
1/8" = 1'-0"



**MECHANICAL DEMOLITION FLOOR PLAN - BLDG 5** | **1**  
1/8" = 1'-0"

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SHEET NAME:  
**MECHANICAL DEMOLITION AND IMPROVEMENT FLOOR PLANS - BLDG 5, 6**

**DSA SUBMITTAL**

DATE: 01/04/2024 CLIENT PROJ NO: 3186-070-000  
 SHEET:

**M2.14**