

CAMPUS CODE ANALYSIS

<p>(E) CLASSROOM BLDG. A: DSA #: 48716</p> <ul style="list-style-type: none"> USE: EDUCATION OCCUPANCY GROUP: E CONSTRUCTION TYPE: V-B NON-SPRINKLERED BASIC ALLOWABLE AREA: 9,500 SF ACTUAL AREA: 3,872 SF 9,500 SF > 3,872 SF <p>THEREFORE OKAY</p>	<p>(E) CLASSROOM BLDG. B: DSA #: 48716</p> <ul style="list-style-type: none"> USE: EDUCATION OCCUPANCY GROUP: E CONSTRUCTION TYPE: V-B NON-SPRINKLERED BASIC ALLOWABLE AREA: 9,500 SF ACTUAL AREA: 3,872 SF 9,500 SF > 3,872 SF <p>THEREFORE OKAY</p>
<p>(E) CLASSROOM BLDG. C: DSA #: 48373</p> <ul style="list-style-type: none"> USE: EDUCATION OCCUPANCY GROUP: E CONSTRUCTION TYPE: V-B NON-SPRINKLERED BASIC ALLOWABLE AREA: 9,500 SF ACTUAL AREA: 6,792 SF 9,500 SF > 6,792 SF <p>THEREFORE OKAY</p>	<p>(E) CLASSROOM BLDG. D: DSA #: 54148, 02-100295</p> <ul style="list-style-type: none"> USE: EDUCATION OCCUPANCY GROUP: E CONSTRUCTION TYPE: V-B NON-SPRINKLERED BASIC ALLOWABLE AREA: 9,500 SF ACTUAL AREA: 8,710 SF 9,500 SF > 8,710 SF <p>THEREFORE OKAY</p>
<p>(E) PORTABLE 1: DSA #: 02-100472</p> <ul style="list-style-type: none"> USE: EDUCATION OCCUPANCY GROUP: E CONSTRUCTION TYPE: V-B NON-SPRINKLERED BASIC ALLOWABLE AREA: 9,500 SF ACTUAL AREA: 960 SF 9,500 SF > 960 SF <p>THEREFORE OKAY</p>	<p>(E) CLASSROOM/LIBRARY BLDG. L & NEW ADDITION: (NO CHANGE IN USE) DSA #: 49058</p> <ul style="list-style-type: none"> USE: EDUCATION OCCUPANCY GROUP: A-3 E CONSTRUCTION TYPE: V-B NON-SPRINKLERED BASIC ALLOWABLE AREA: 9,500 SF ACTUAL AREA: 6,695 SF ADDITION: 664 SF 9,500 SF > 7,359 SF <p>THEREFORE OKAY</p>
<p>(E) MULTI-PURPOSE BLDG. M & NEW ADDITION: (NO CHANGE IN USE) DSA #: 49058</p> <ul style="list-style-type: none"> USE: ASSEMBLY OCCUPANCY GROUP: A-3 CONSTRUCTION TYPE: V-A NON-SPRINKLERED BASIC ALLOWABLE AREA: 11,500 SF ACTUAL AREA: 5,193 SF ADDITION: 1,513 SF 11,500 SF > 6,706 SF <p>THEREFORE OKAY</p>	<p>(E) ADMINISTRATION BLDG. N: DSA #: 49058</p> <ul style="list-style-type: none"> USE: ADMINISTRATION OCCUPANCY GROUP: B CONSTRUCTION TYPE: V-B NON-SPRINKLERED BASIC ALLOWABLE AREA: 9,000 SF ACTUAL AREA: 3,889 SF ADDITION: 9,000 SF > 3,889 SF <p>THEREFORE OKAY</p>

810

LOCAL FIRE AUTHORITY REVIEW

To facilitate the Division of the State Architect's (DSA) approval of the Fire/Life Safety portion of a project, DSA requires Local Fire Authority (LFA) review of certain elements as identified in this form. Use of this form is mandatory for projects that add square footage to a campus or if any item on this form is relevant to the project. For additional information, see DSA 810 Instructions and DSA Policy 08-01.

PROJECT INFORMATION

School District/Owner: GRASS VALLEY SCHOOL DISTRICT
 Project Name/School: MARGARET SCOTTEN ES MODERNIZATION 2019
 Project Address: 10821 SQUIRREL CREEK ROAD, GRASS VALLEY, CA 95945

LOCAL FIRE AUTHORITY (LFA)

LFA Agency Name: Nevada County Consolidated Fire District
 LFA Reviewer Name: Tracy Alvarado Title: Fire Marshal
 Work Email: TracyAlvarado@ncfd.org Work Telephone Number: 530-265-4437

I have reviewed and responded to the applicable items for this project as listed below.
 Note: Only sign this form when it is stamped onto the site plan. A loose form is not acceptable to DSA.
 LFA Reviewer's Signature: [Signature] Date: 1-10-19

Review Key: "Y" = Complies with LFA requirements "N" = Not approved (complete Section B)
 "NA" = Not applicable to the project "NR" = LFA elects not to review

Description	Y	N	NA	NR
1 Where an elevator does not meet medical emergency service call size, per the California Building Code (CBC), use of stairways for emergency rescue and patient transport is acceptable.				<input checked="" type="checkbox"/>
2 Access roads, fire lane markings, pavers and gate entrances are in accordance with Title 19, California Code of Regulations and the California Fire Code, Chapter 5.	<input checked="" type="checkbox"/>			
3 Fire hydrant location and distribution complies with the California Fire Code (or see #4).	<input checked="" type="checkbox"/>			
4 Fire hydrant location and distribution complies with NFPA 1142, "Alternate Means." If "NR" is checked, DSA can only approve on-site water storage as an alternate. The signature of the school district official is required to acknowledge the use of alternate means.				<input checked="" type="checkbox"/>
5 Signature of School District Official: _____ Date: _____				
6 Print the School District Official's Name: _____				
7 The location(s) of the proposed post indicator valve and fire department connection meet the requirements of this jurisdiction.				<input checked="" type="checkbox"/>
8 The location(s) of the detector check valve assembly meet the requirements of this jurisdiction.				<input checked="" type="checkbox"/>
9 Is the project located in a hazard severity zone area? (CBC, Chapter 7A, Section 701A.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
10 Check type if "Yes": <input type="checkbox"/> Moderate <input type="checkbox"/> High <input checked="" type="checkbox"/> Very High <input type="checkbox"/> WIFA (if one of these boxes is checked, the project design must meet the requirements of Chapter 7A.)				
11 COMMENTS (note deficiencies):				

DSA 810 (rev 01-24-18) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 1

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 APP. 02-117268 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/17/2019

aedis
 architects
 www.aedisarchitects.com
 387 S. 1st Street, Suite 300
 San Jose, CA 95113
 tel: (408) 300-5160
 fax: (408) 300-5121

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019

 Grass Valley School District
 GRASS VALLEY SCHOOL DISTRICT
 CONSULTANT

STAMP

 STATE

REVISIONS

No.	Description	Date
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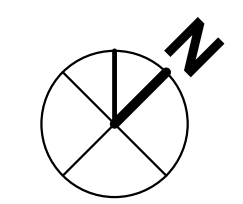
MILESTONES
 SD
 DD
 50% CD
 90% CD
 DSA SUB 01/11/2019
 DSA BC 05/09/2019
 SHEET
FIRE DEPARTMENT ACCESS PLAN

DATE: 05/09/2019
 JOB #: 2018045
 SHEET #
A0.01

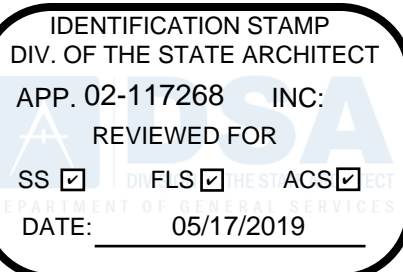
GRAPHIC KEY

- NEW BUILDING ADDITION.
- NEW TOILET ROOM ADDITION.
- EXISTING TOILET ROOMS TO BE MODERNIZED.
- EXISTING BUILDING TO REMAIN
- FIRE ACCESS LANE
- (N) ORNAMENTAL FENCE
- PROPERTY LINE
- D.A. PATH OF TRAVEL
 D.A. PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1/2" MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. D.A. PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM HEIGHT AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND BELOW 80" ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
- (E) F.H. EXISTING FIRE HYDRANT

1 FIRE DEPARTMENT ACCESS PLAN
 SCALE: 1" = 30'-0"




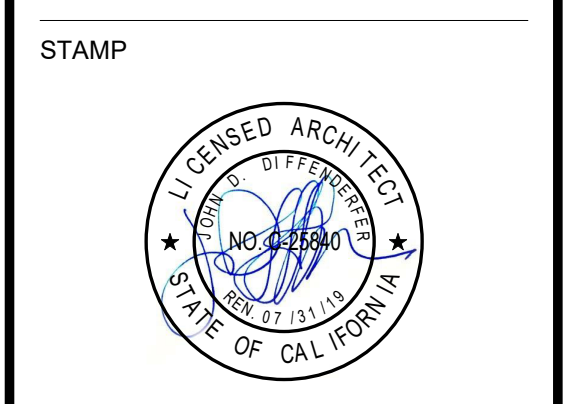
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Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT
CONSULTANT



STATE

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MILESTONES

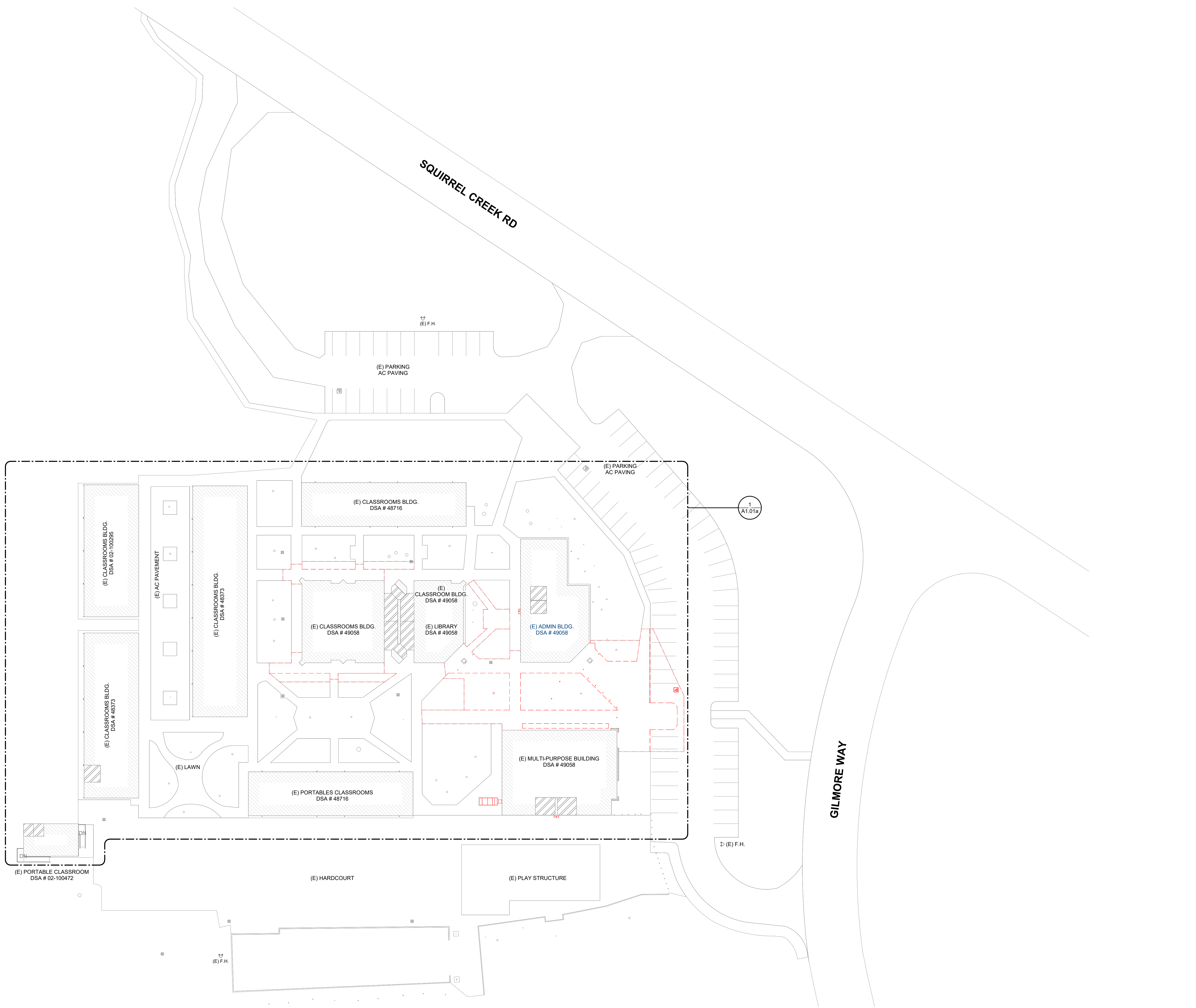
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50% CD	
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DSA SUB	01/11/2019
DSA BC	05/09/2019

DEMOLITION SITE PLAN


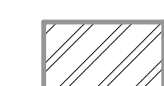


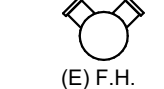
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GENERAL SHEET NOTES

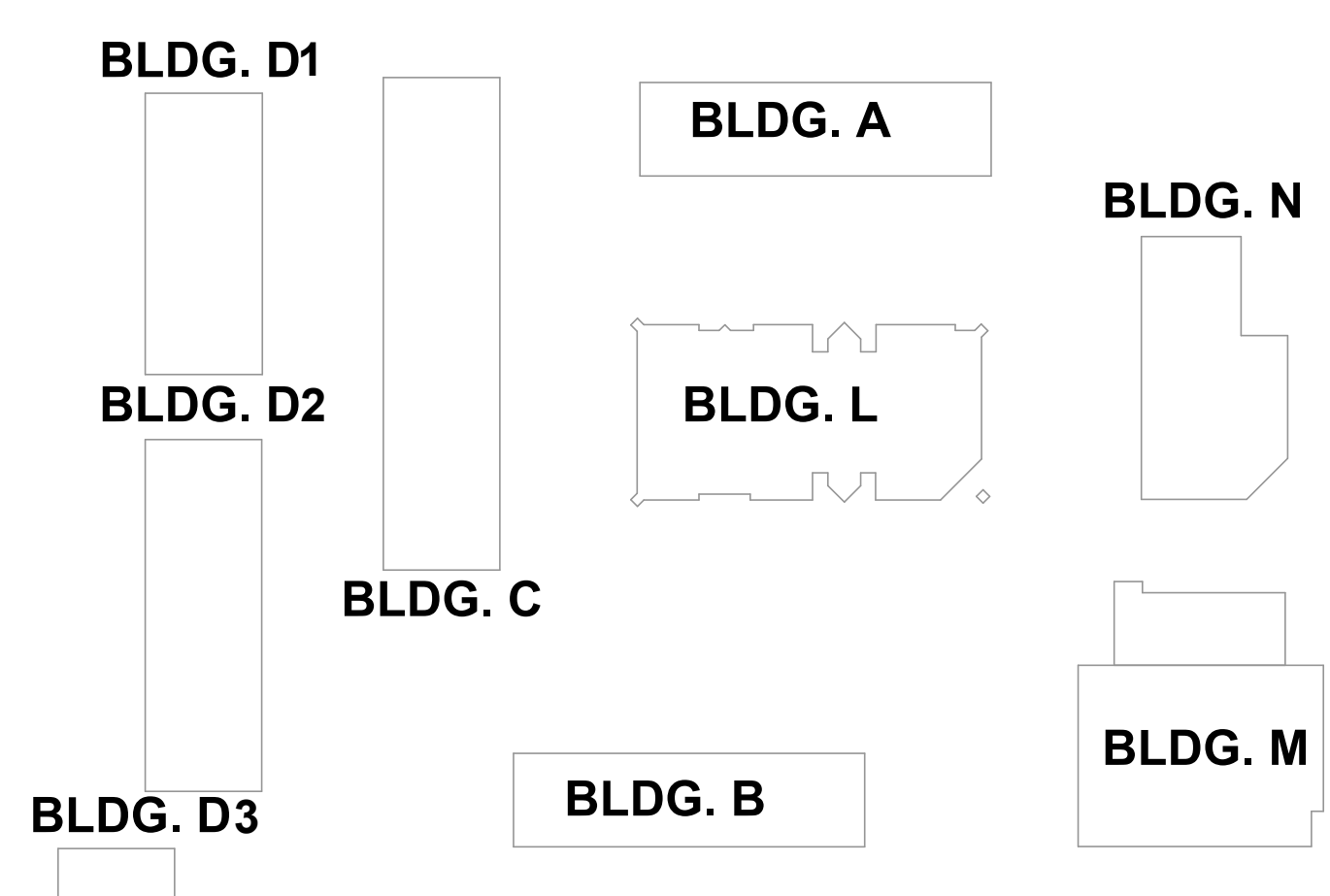
- A CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
- B CONTRACTOR TO COORDINATE WITH LOCAL FIRE MARSHALL, CITY, AND DISTRICT FOR THE INSTALLATION OF FIRE HYDRANTS AND FIRE SPRINKLER SYSTEMS. NEW FIRE HYDRANTS ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO STORING COMBUSTIBLE MATERIAL ON SITE PER CFC SECTION 1412. AN APPROVED TEMPORARY WATER SUPPLY FOR FIRE PROTECTION SHALL BE PROVIDED IF PERMANENT SOURCE IS NOT AVAILABLE.
- C DO NOT INTERRUPT EXISTING UTILITY SERVICES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.
- D PROTECT EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.
- E REFER TO CIVIL, PLUMBING, ELECTRICAL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR EXTENT OF CIVIL, PLUMBING, ELECTRICAL, STRUCTURAL, AND MECHANICAL WORK.
- G THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THE PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLDS OR LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE.



GRAPHIC KEY

-  EXISTING TO BE DEMOLISHED
-  EXISTING TOILET ROOMS. REFER TO NOTES FOR ADDITIONAL INFORMATION.
-  EXISTING CONSTRUCTION TO REMAIN
-  PROPERTY LINE
-  EXISTING FIRE HYDRANT (E) F.H.

BUILDING KEY



1 OVERALL DEMOLITION SITE PLAN
SCALE: 1" = 30'-0"

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GENERAL SHEET NOTES

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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT

CONSULTANT

STAMP



STATE

REVISIONS

No.	Description	Date
1		

MILESTONES

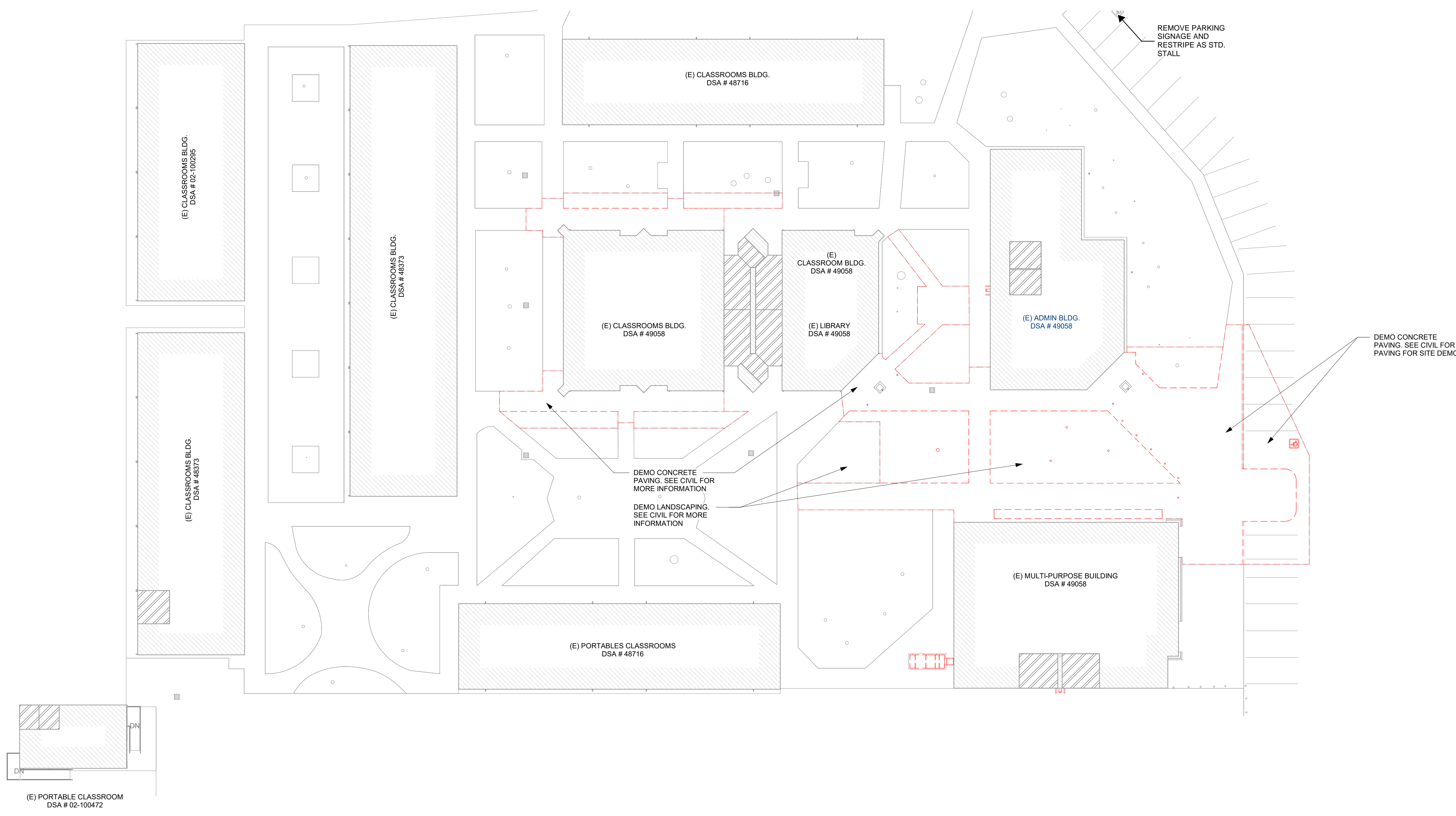
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DSA BC 05/09/2019

SHEET

ENLARGED DEMO SITE PLAN

DATE 05/09/2019
JOB # 2018045
SHEET #

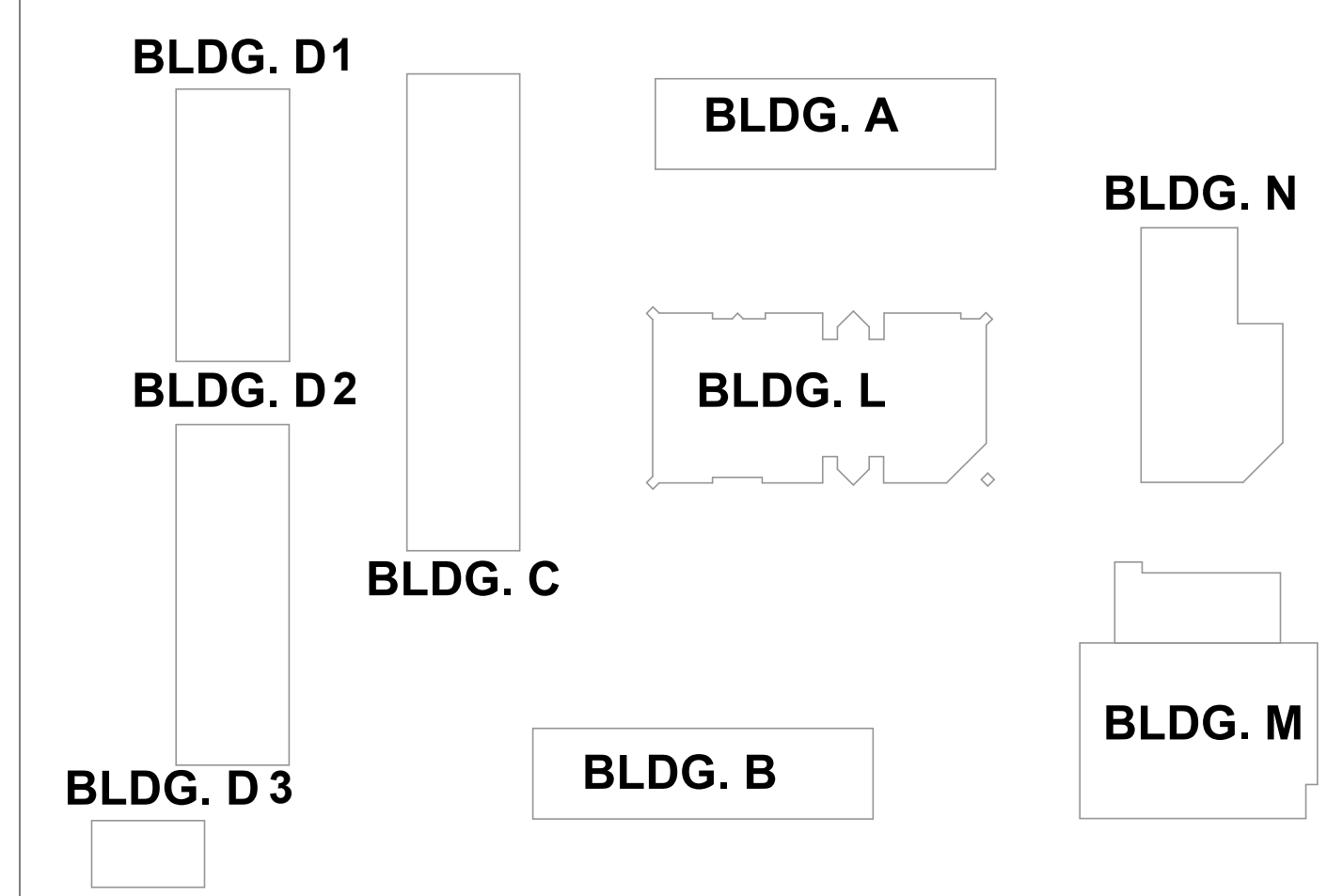
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GRAPHIC KEY

- EXISTING TO BE DEMOLISHED
- EXISTING TOILET ROOMS. REFER TO NOTES FOR ADDITIONAL INFORMATION.
- EXISTING CONSTRUCTION TO REMAIN
- PROPERTY LINE
- EXISTING FIRE HYDRANT

BUILDING KEY



1 ENLARGED DEMOLITION SITE PLAN
 SCALE: 1" = 20'-0"

GENERAL SHEET NOTES

- A CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT AND PATH OF TRAVEL COMPLIES WITH CBC 11B-206.
- B CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
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 architects

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Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT

CONSULTANT

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No. Description Date



MILESTONES

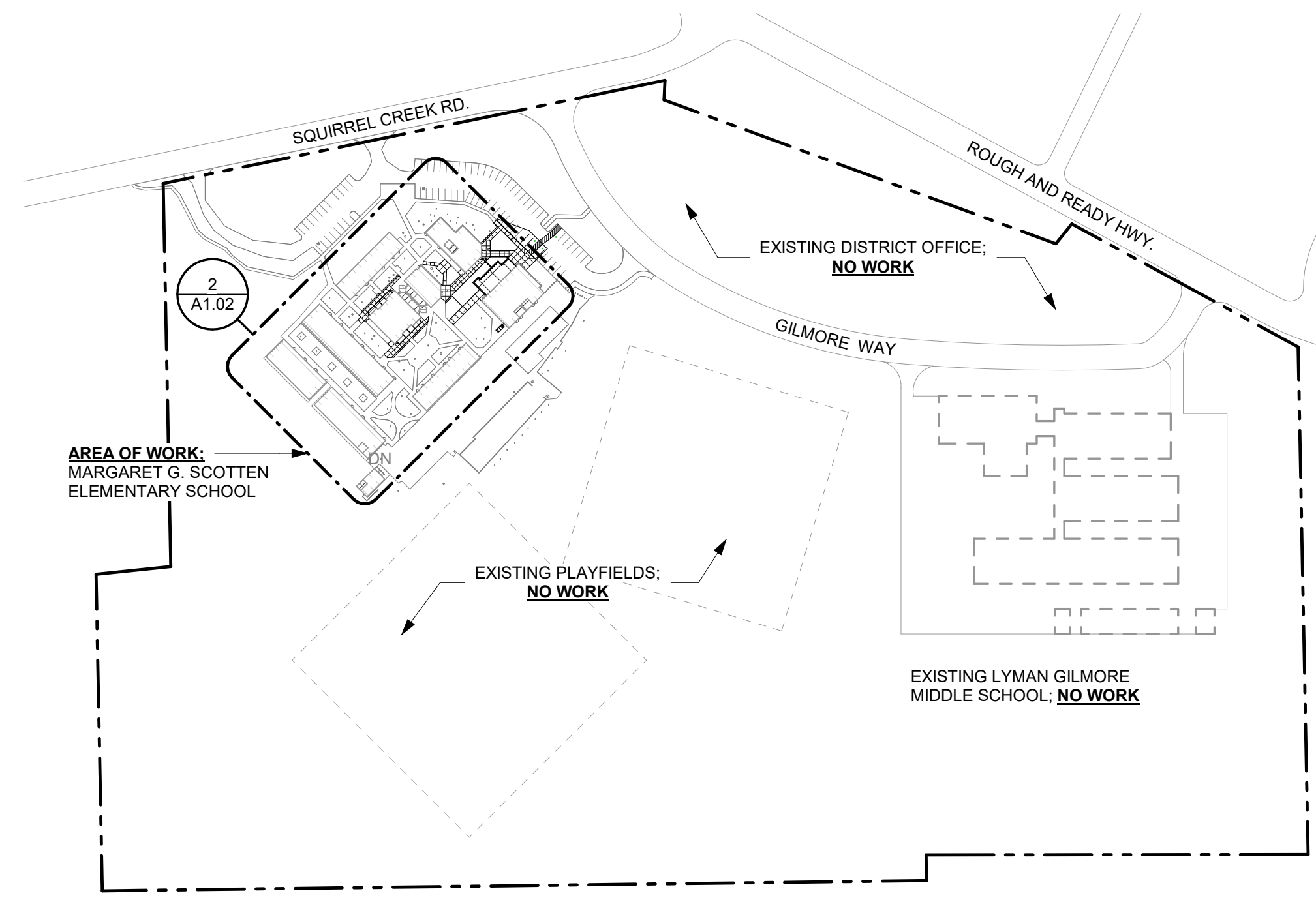
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 DSA BC 05/09/2019

SHEET

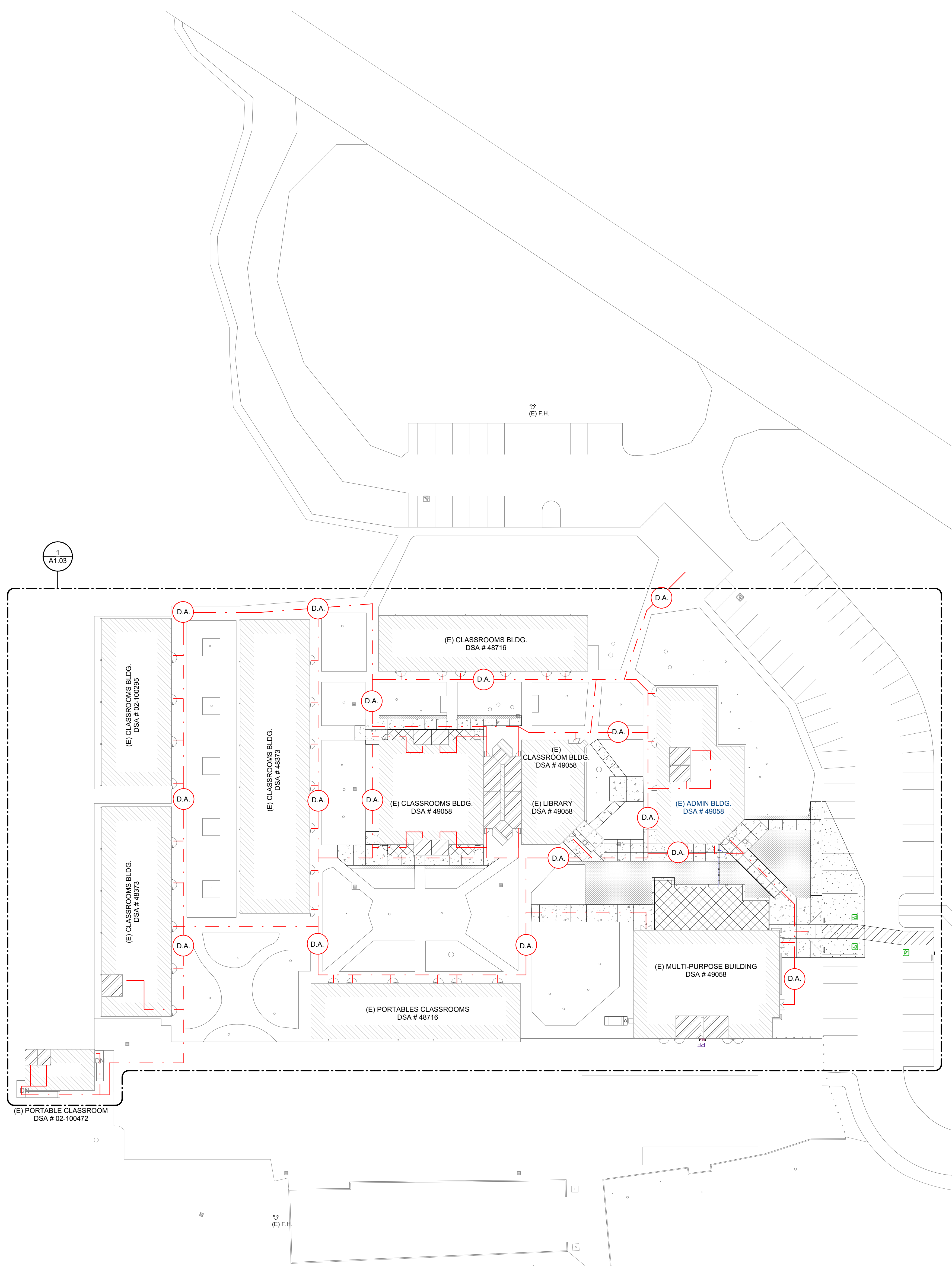
NEW SITE PLAN

DATE 05/09/2019
 JOB # 2018045
 SHEET #

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1 OVERALL SITE PLAN
 SCALE: 1" = 200'-0"



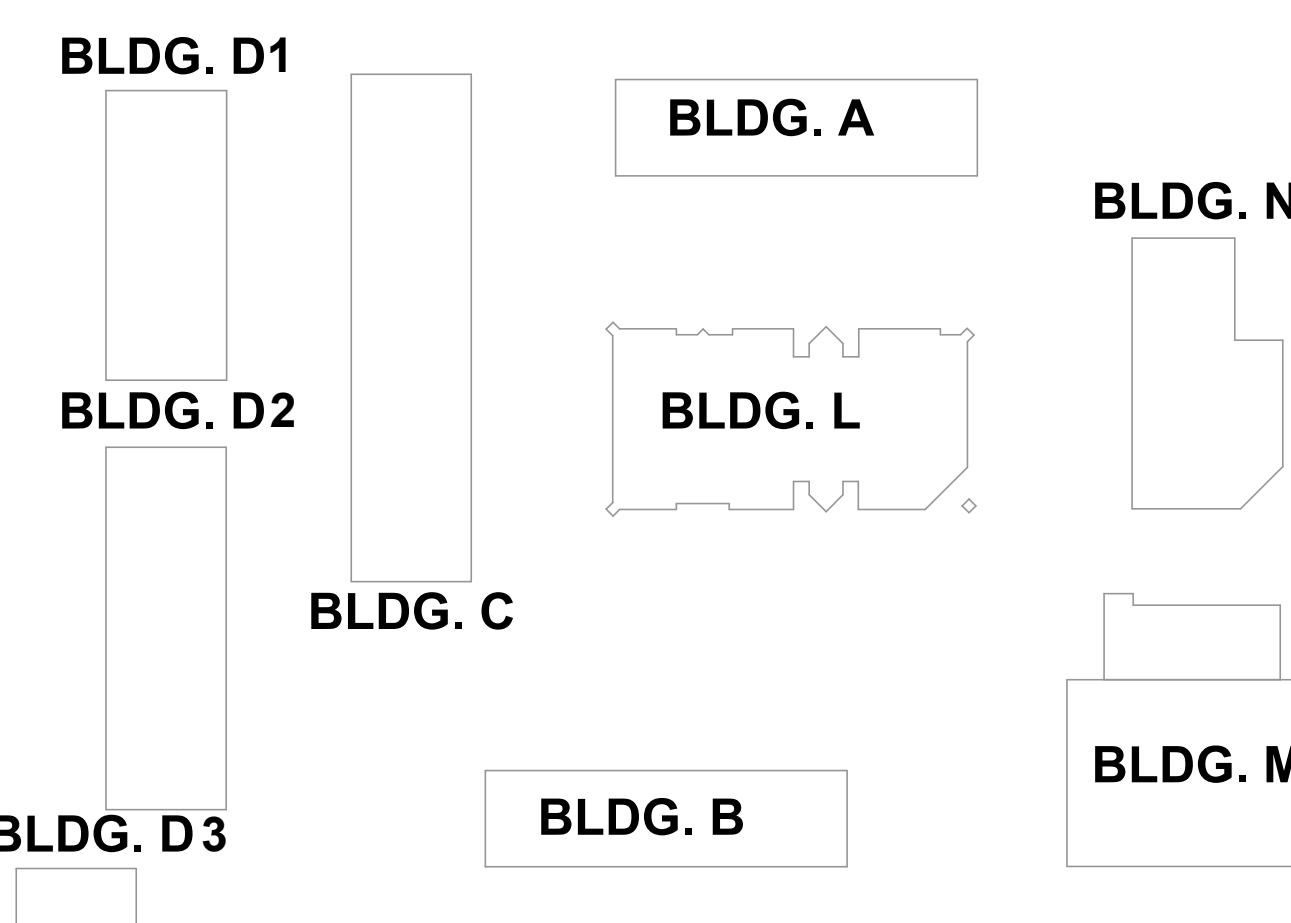
2 NEW PARTIAL SITE PLAN
 SCALE: 1" = 30'-0"

GRAPHIC KEY

- NEW BUILDING ADDITION.
- NEW TOILET ROOM ADDITION.
- EXISTING TOILET ROOMS TO BE MODERNIZED.
- EXISTING BUILDING TO REMAIN
- FIRE ACCESS LANE
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- EXISTING FIRE HYDRANT

PARKING LOT	PARKING COUNT		
	REQUIRED	ACTUAL	PARKING LOT #
PARKING SPACES	--	67	PARKING LOT
D.A. PARKING SPACES	3	3	PARKING LOT
VAN D.A. PARKING SPACES	1	2	PARKING LOT

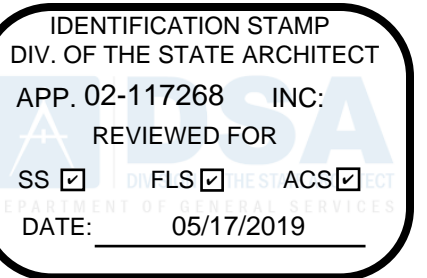
BUILDING KEY



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PROJECT
**MARGARET
SCOTTEN ES
MODERNIZATION
2019**

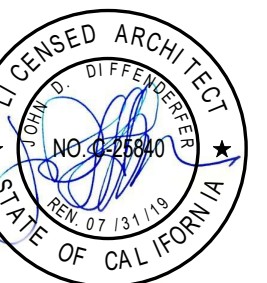


Grass Valley
School District

GRASS VALLEY SCHOOL
DISTRICT

CONSULTANT

STAMP



STATE

REVISIONS

No. Description Date



MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019
SHEET	

**ENLARGED SITE
PLAN**

DATE 05/09/2019
JOB # 2018045
SHEET #

A1.03

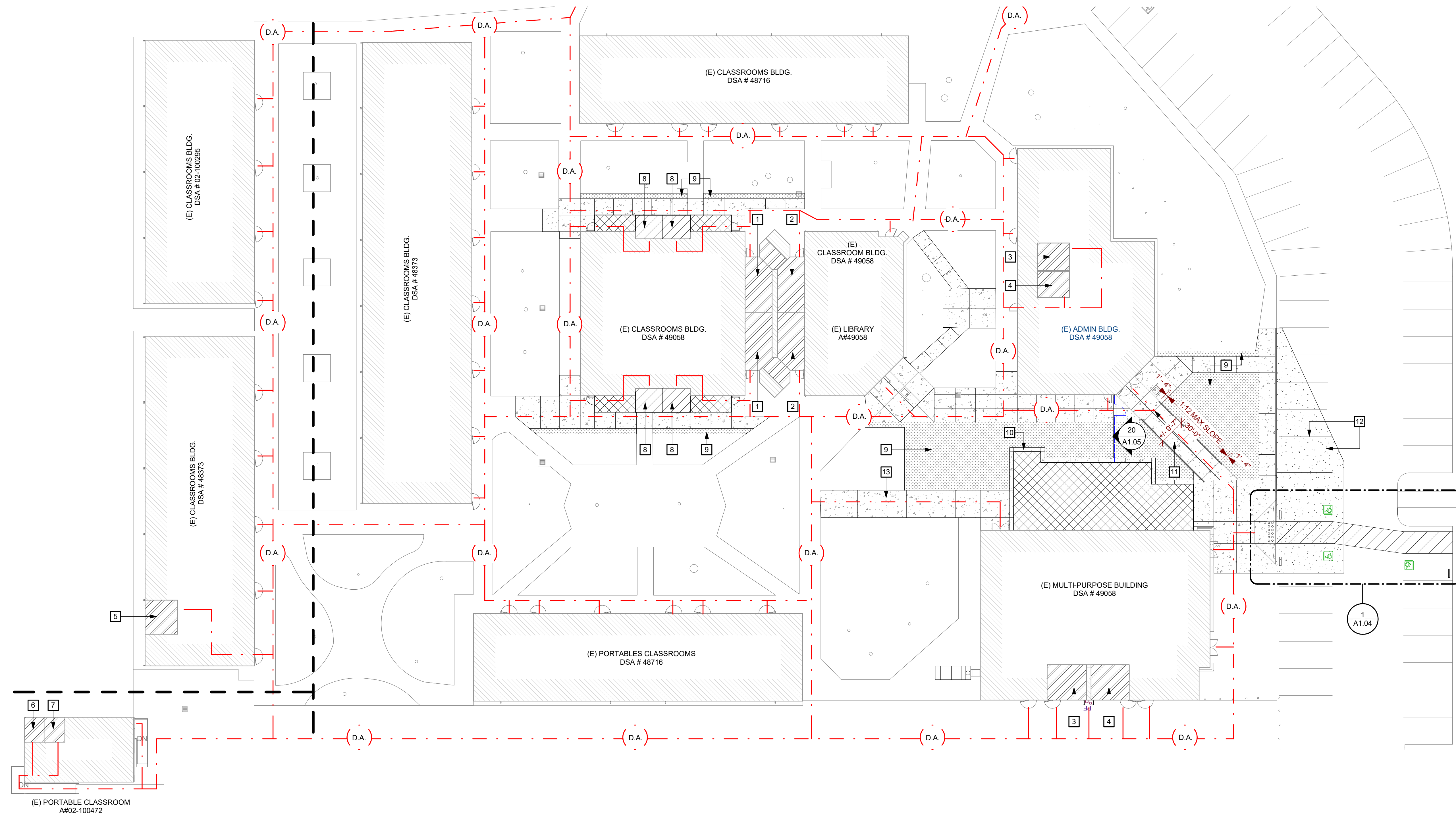
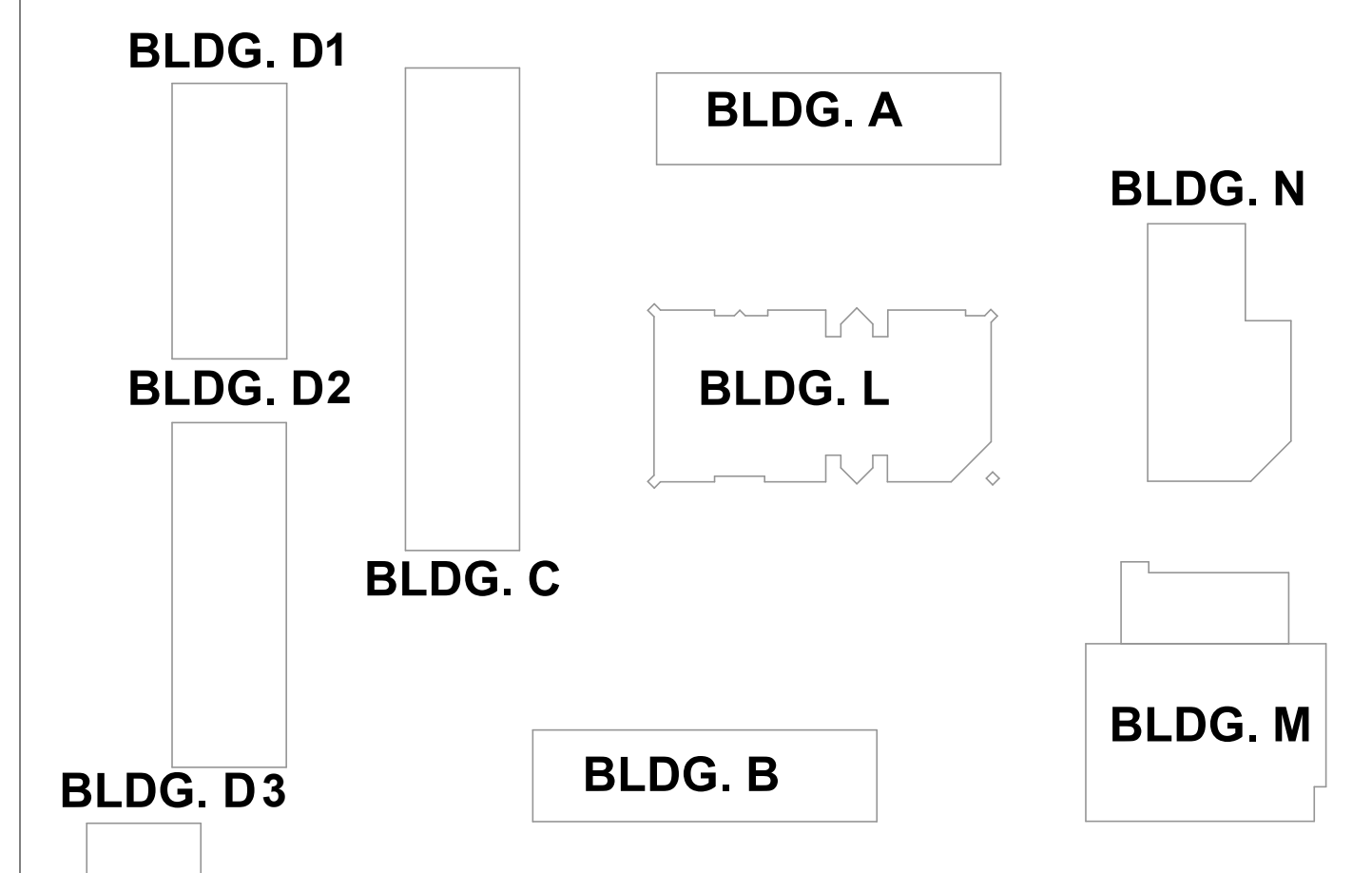
DEMOLITION FLOOR PLAN KEYNOTES

- 1 (E) D.A. GIRLS RESTROOM. DSA # 49058
- 2 (E) D.A. BOYS RESTROOM. DSA # 49058
- 3 (E) D.A. WOMENS RESTROOM. DSA # 49058
- 4 (E) D.A. MENS RESTROOM. DSA # 49058
- 5 (E) D.A. UNISEX RESTROOM. DSA # 48373
- 6 (E) D.A. GIRLS RESTROOM. DSA # 02-100472
- 7 (E) D.A. BOYS RESTROOM. DSA # 02-100472
- 8 (N) D.A. UNISEX RESTROOM
- 9 CONTRACTOR TO PROVIDE AND INSTALL/REVISE (E) IRRIGATION AS REQUIRED IN THESE AREAS TO PROVIDE FULL AND COMPLETE SYSTEM
- 10 18" CONCRETE BAND. SEE CIVIL DRAWINGS FOR MORE INFORMATION
- 11 CONCRETE RAMP. SEE CIVIL DRAWINGS FOR MORE INFORMATION
- 12 (N) AC PAVING AND STRIPING. SEE CIVIL DRAWINGS FOR MORE INFORMATION
- 13 (N) CONCRETE PAVING, TYP. SEE CIVIL DRAWINGS FOR MORE INFORMATION

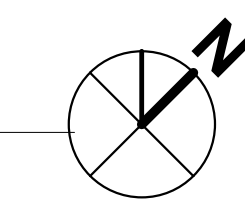
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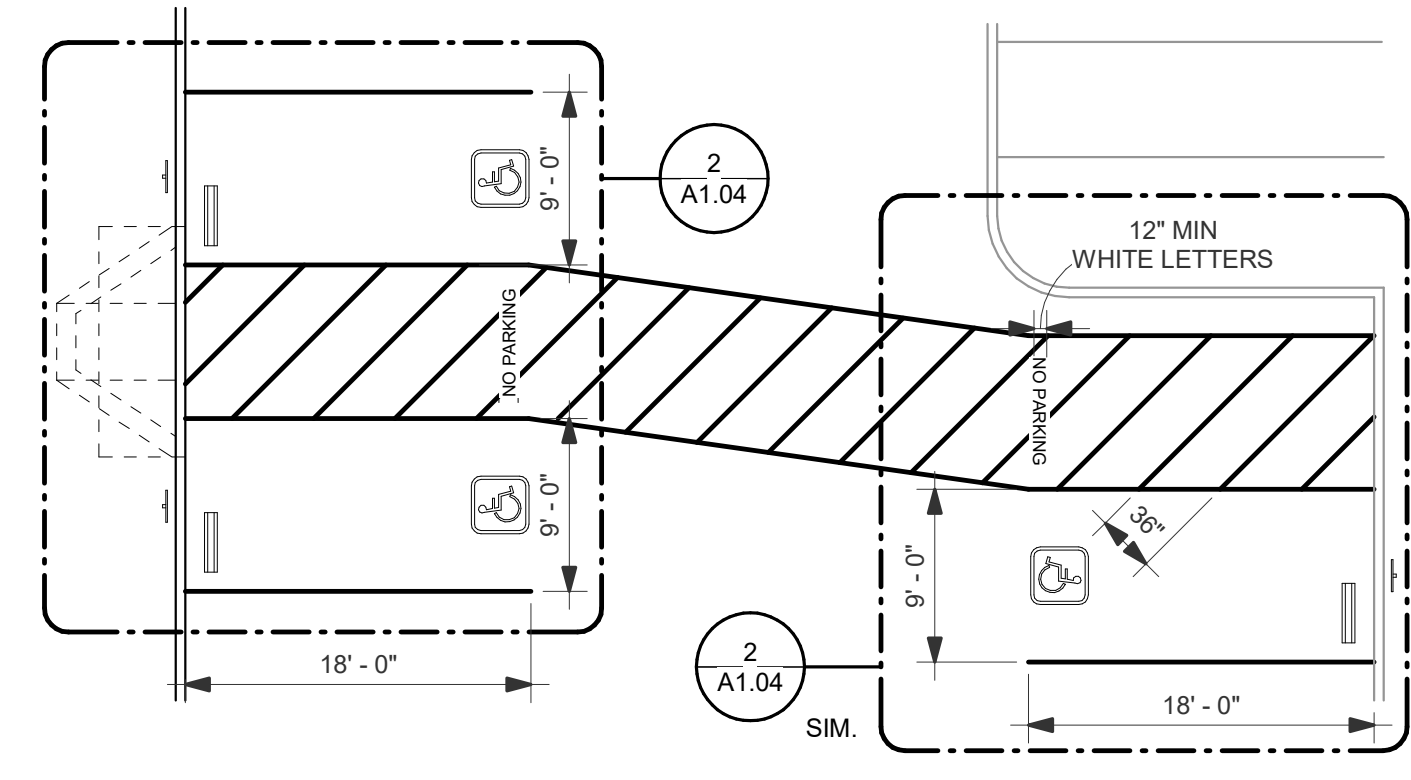
- NEW BUILDING ADDITION.
- NEW TOILET ROOM ADDITION.
- EXISTING TOILET ROOMS TO BE MODERNIZED.
- EXISTING BUILDING TO REMAIN
- FIRE ACCESS LANE
- (N) ORNAMENTAL FENCE
- PROPERTY LINE
- D.A. PATH OF TRAVEL
D.A. PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. D.A. PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM HEIGHT AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND BELOW 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
- EXISTING FIRE HYDRANT

BUILDING KEY

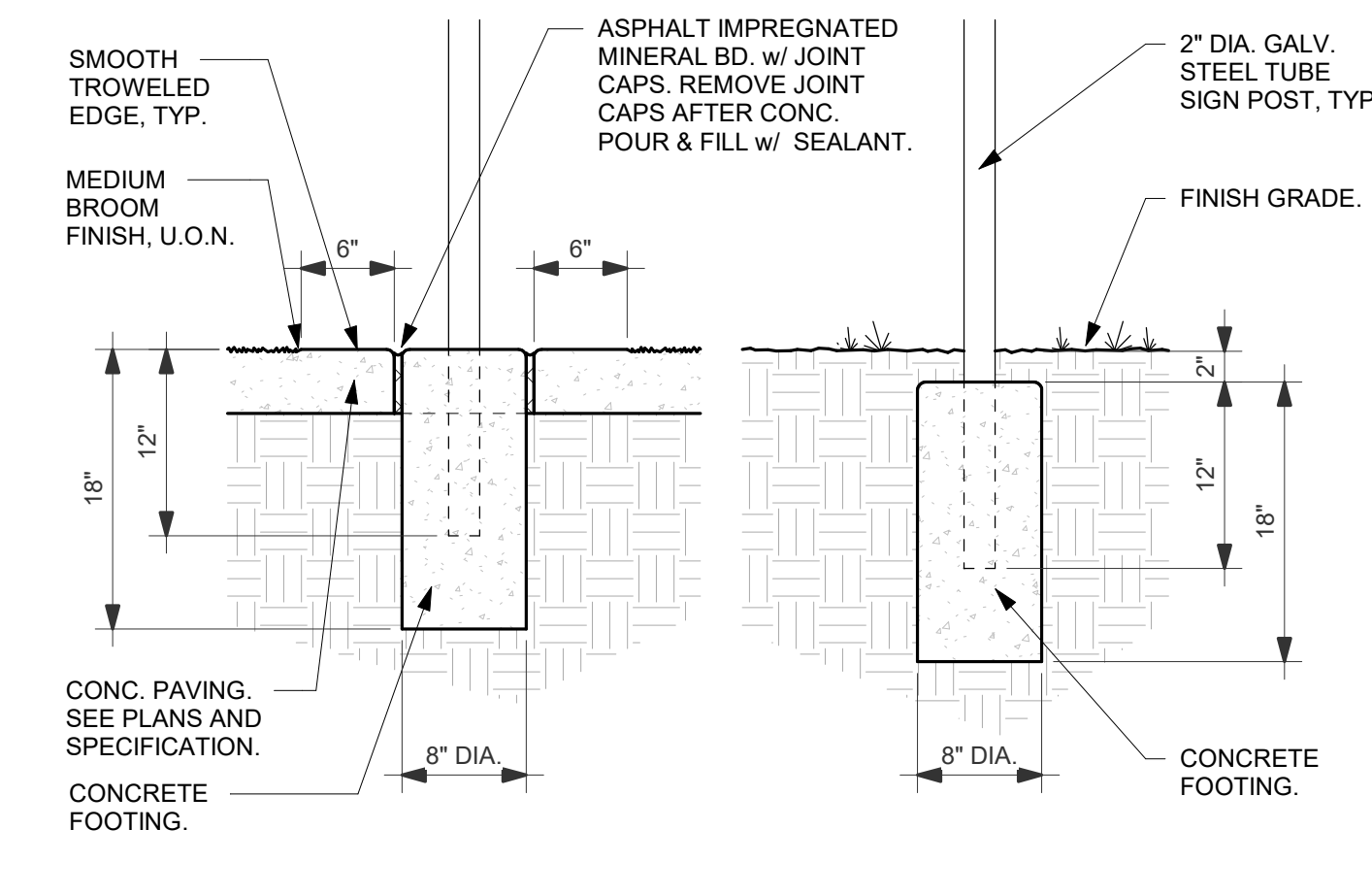


1 ENLARGED SITE PLAN
SCALE: 1" = 20'-0"

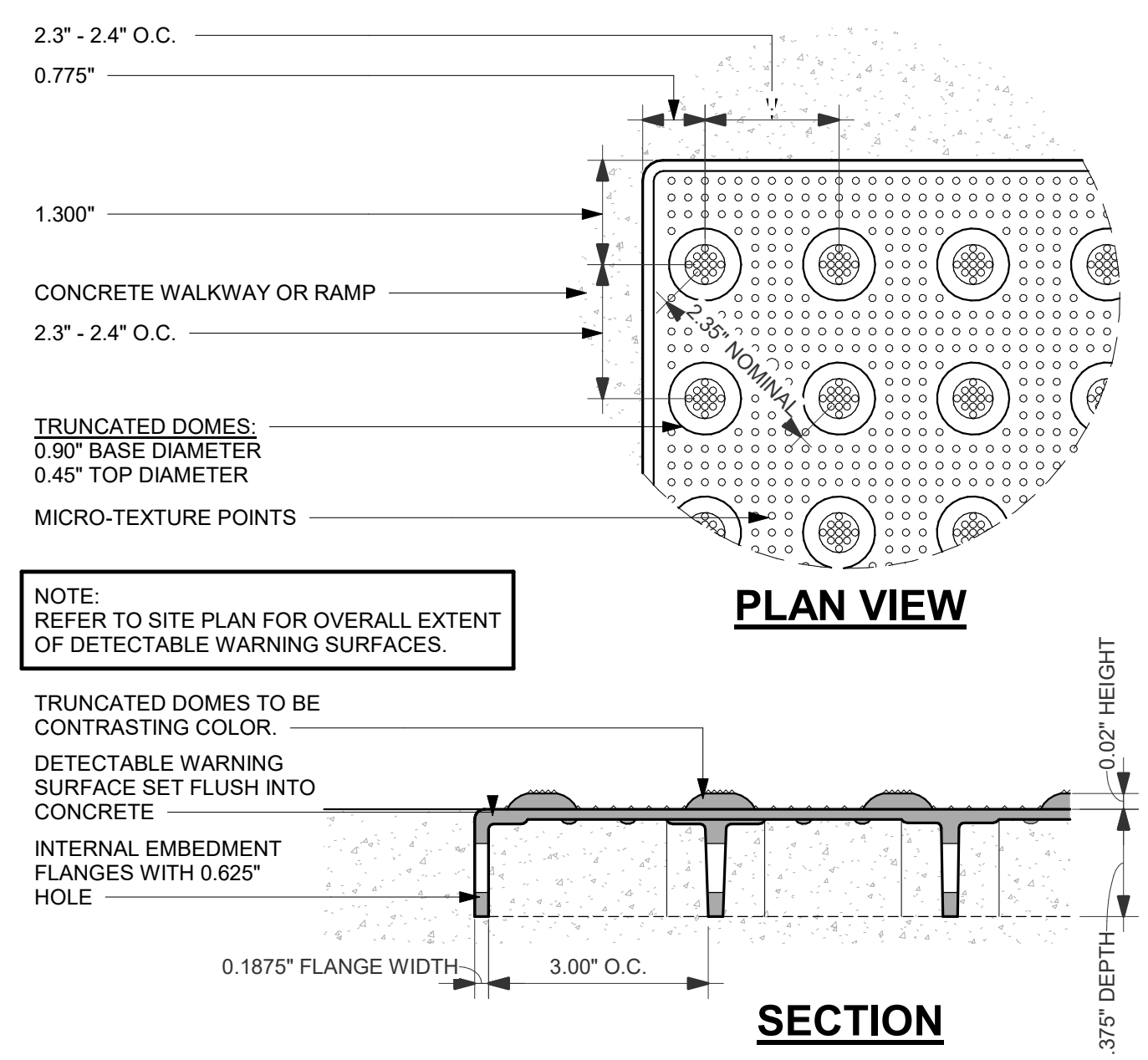




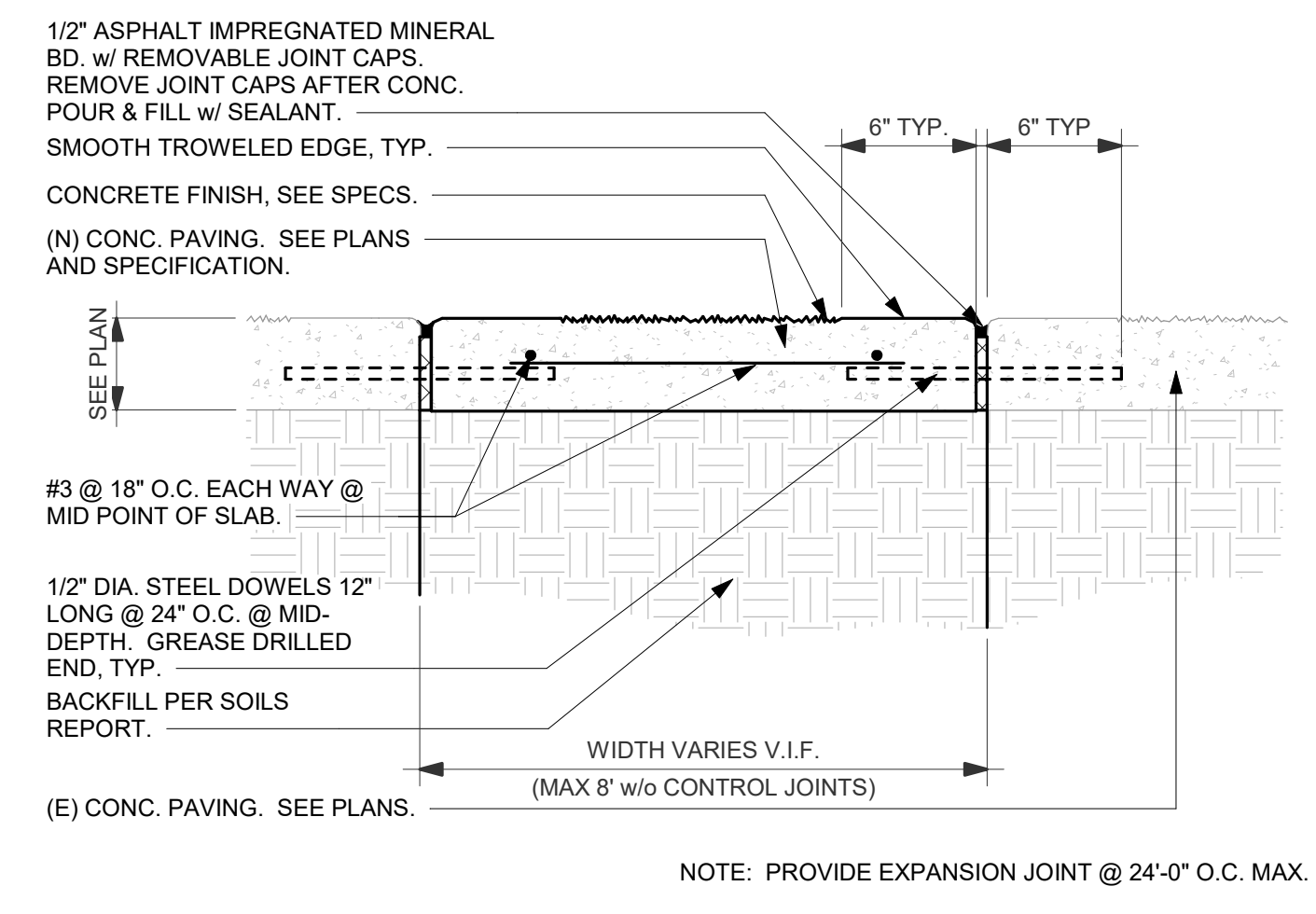
1 DA PARKING STALL DETAIL
 SCALE: 1" = 10'-0"



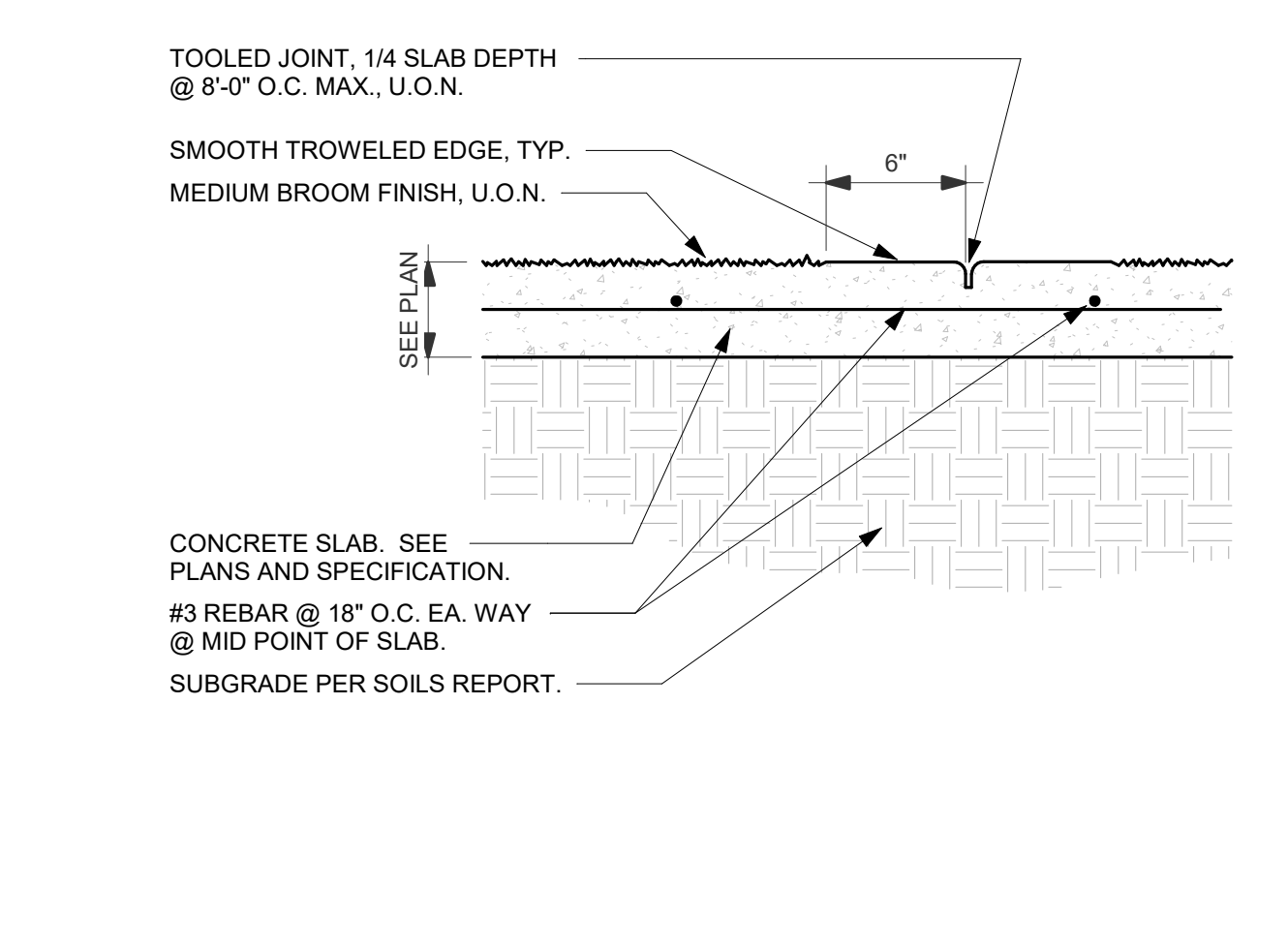
5 SITE SIGN FOOTING DETAIL
 SCALE: 1" = 1'-0"



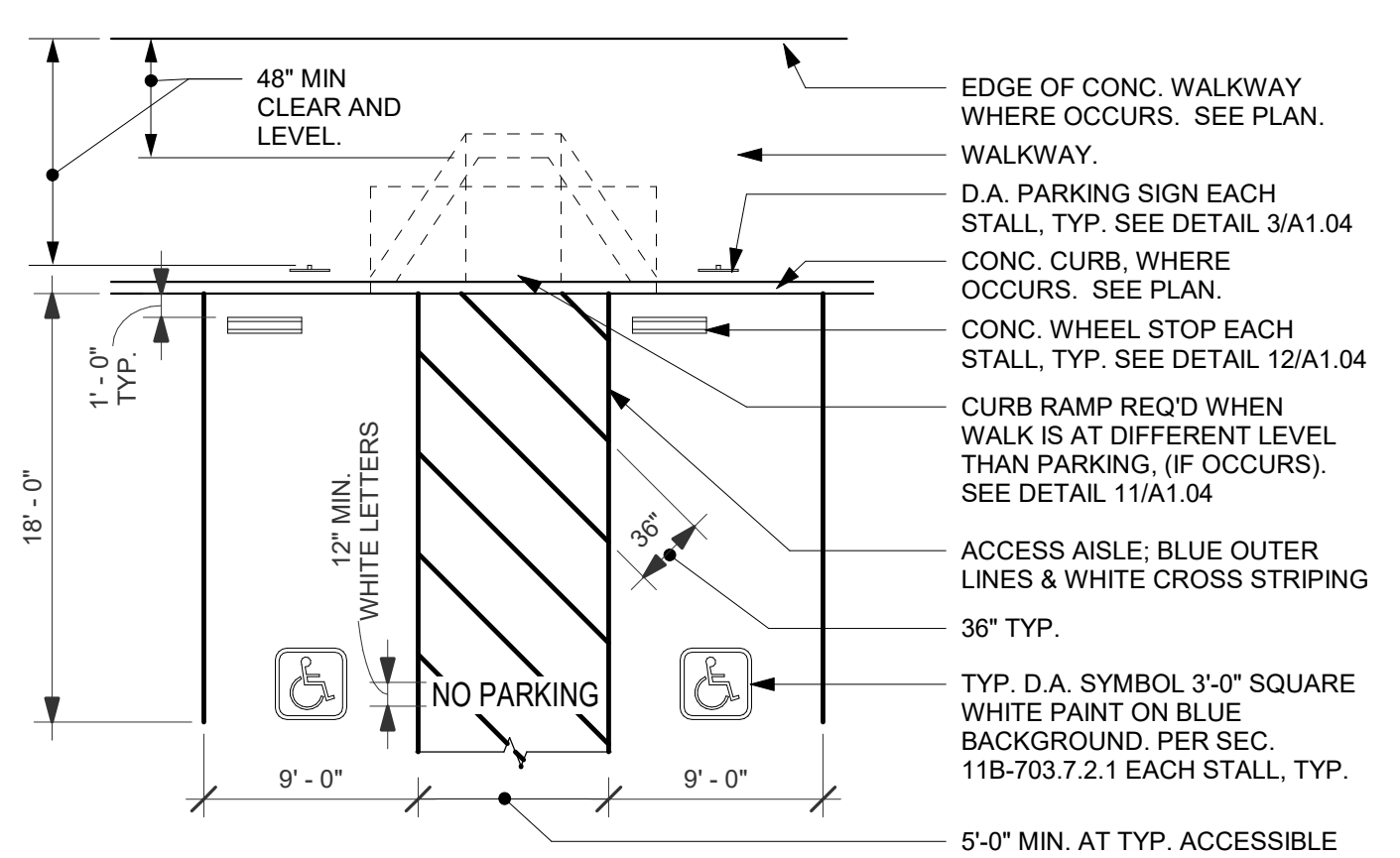
9 TRUNCATED DOMES
 SCALE: 1" = 1'-0"



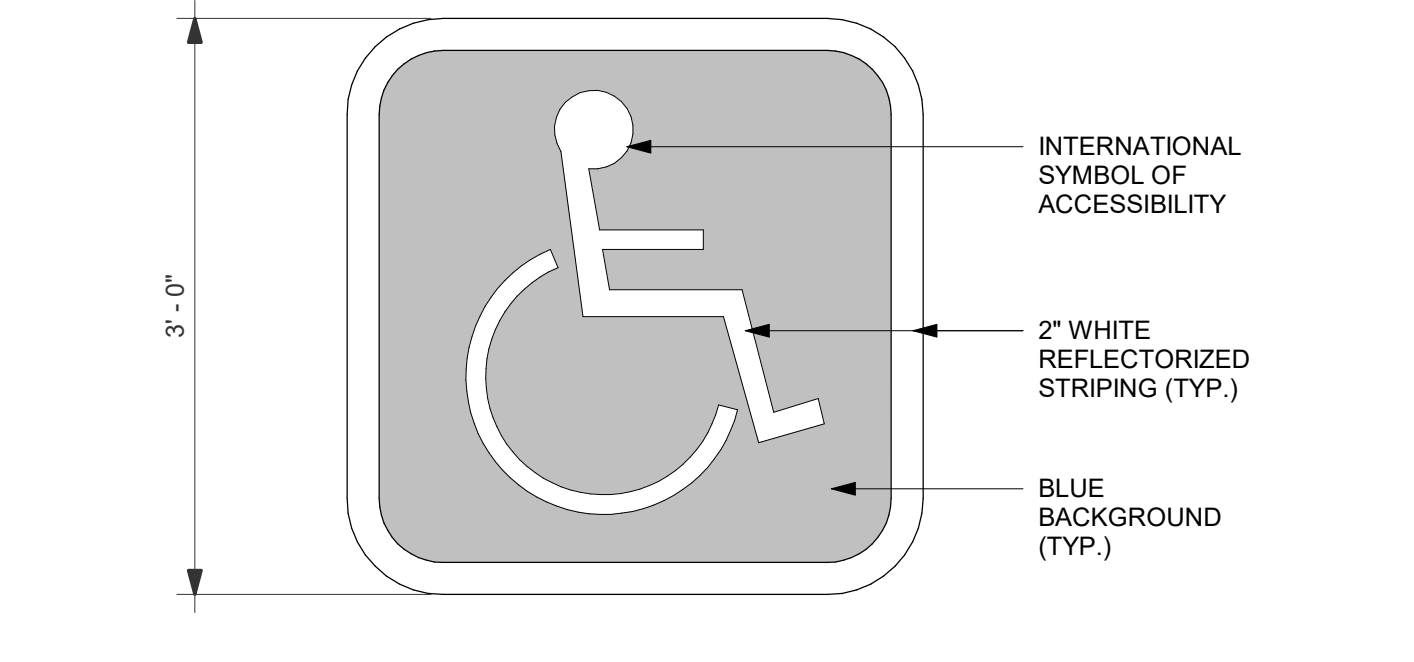
13 CONCRETE PATCH
 SCALE: 1 1/2" = 1'-0"



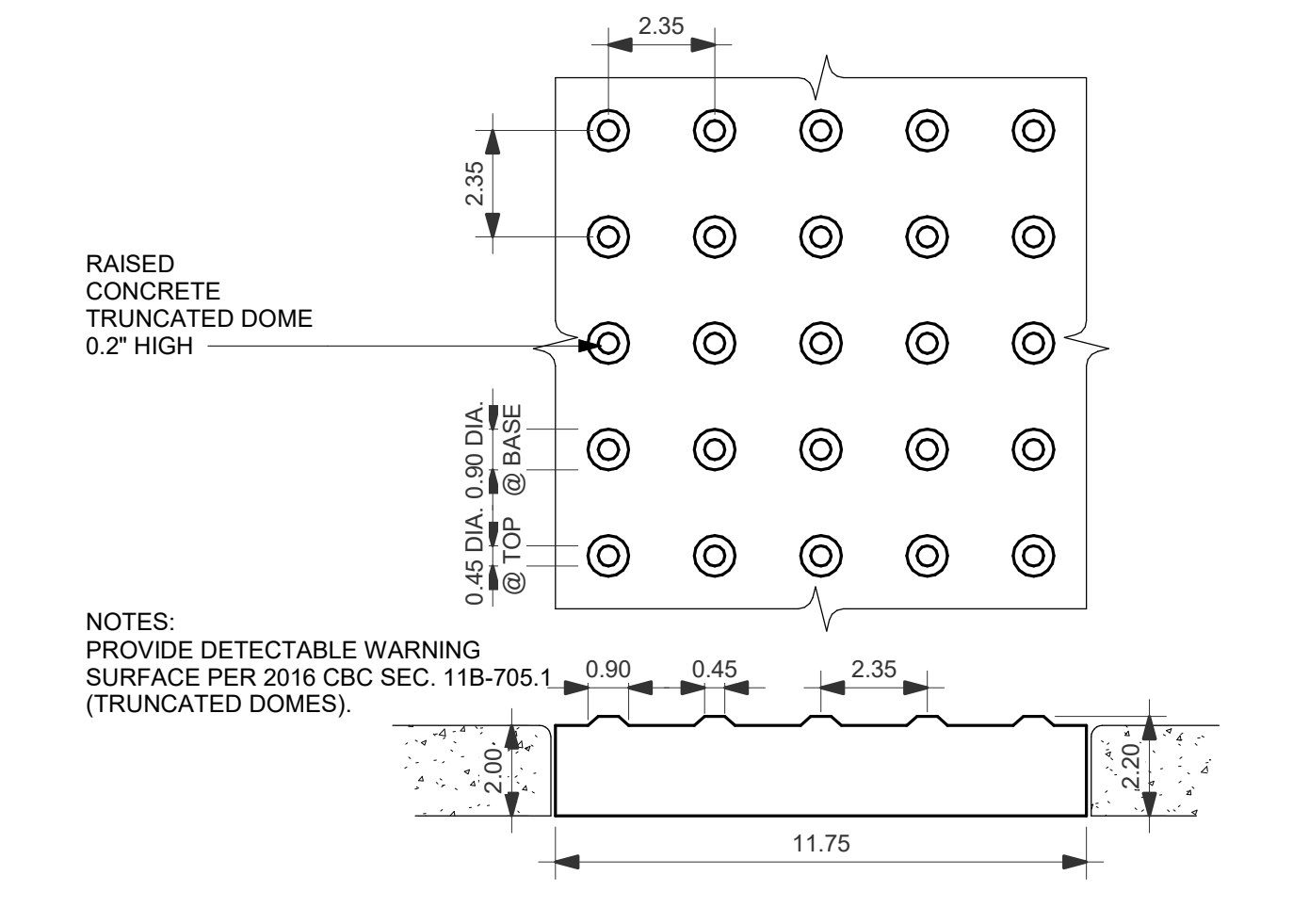
17 TOOLED JOINT (TJ)
 SCALE: 1 1/2" = 1'-0"



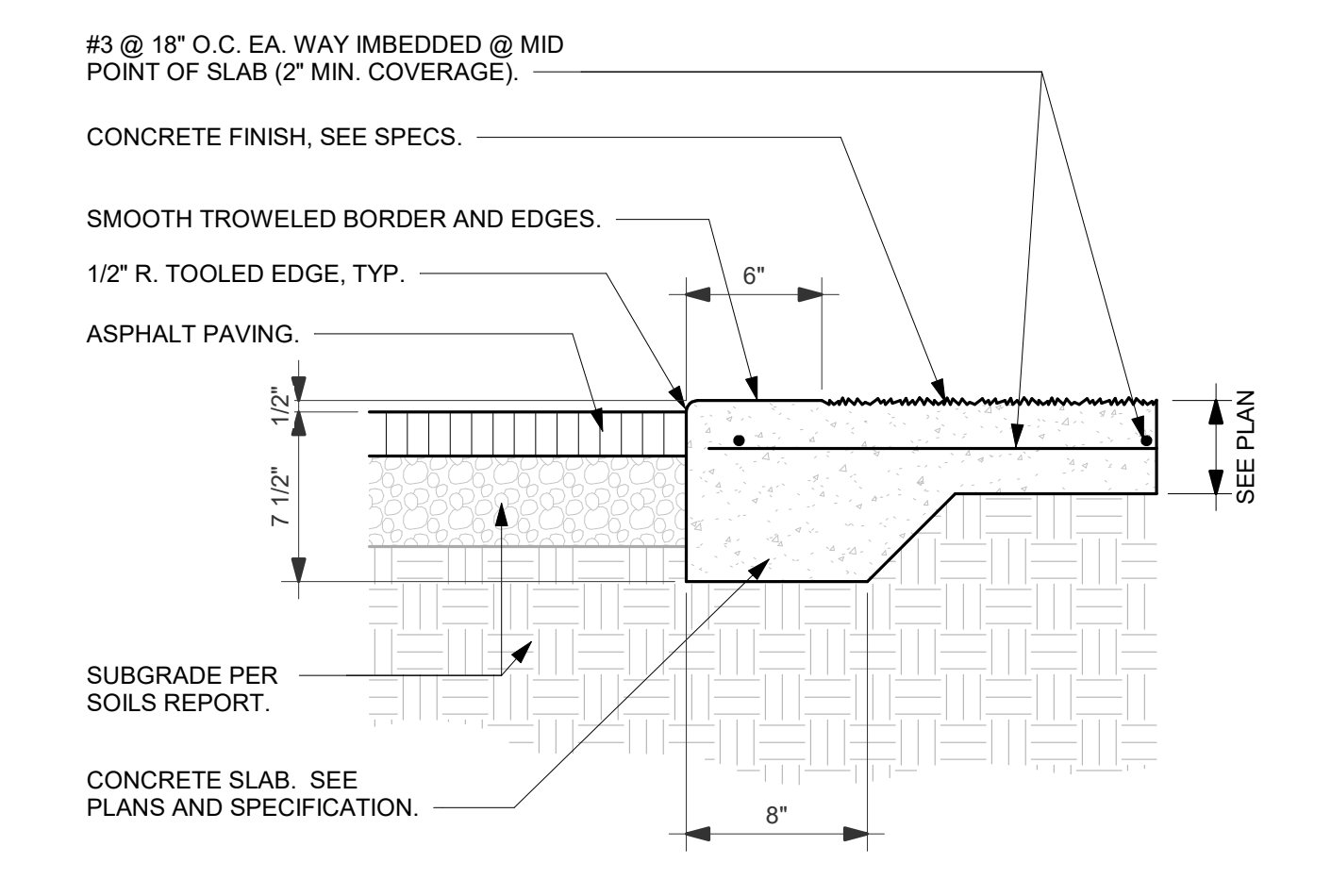
@ 90 DEG. STALLS



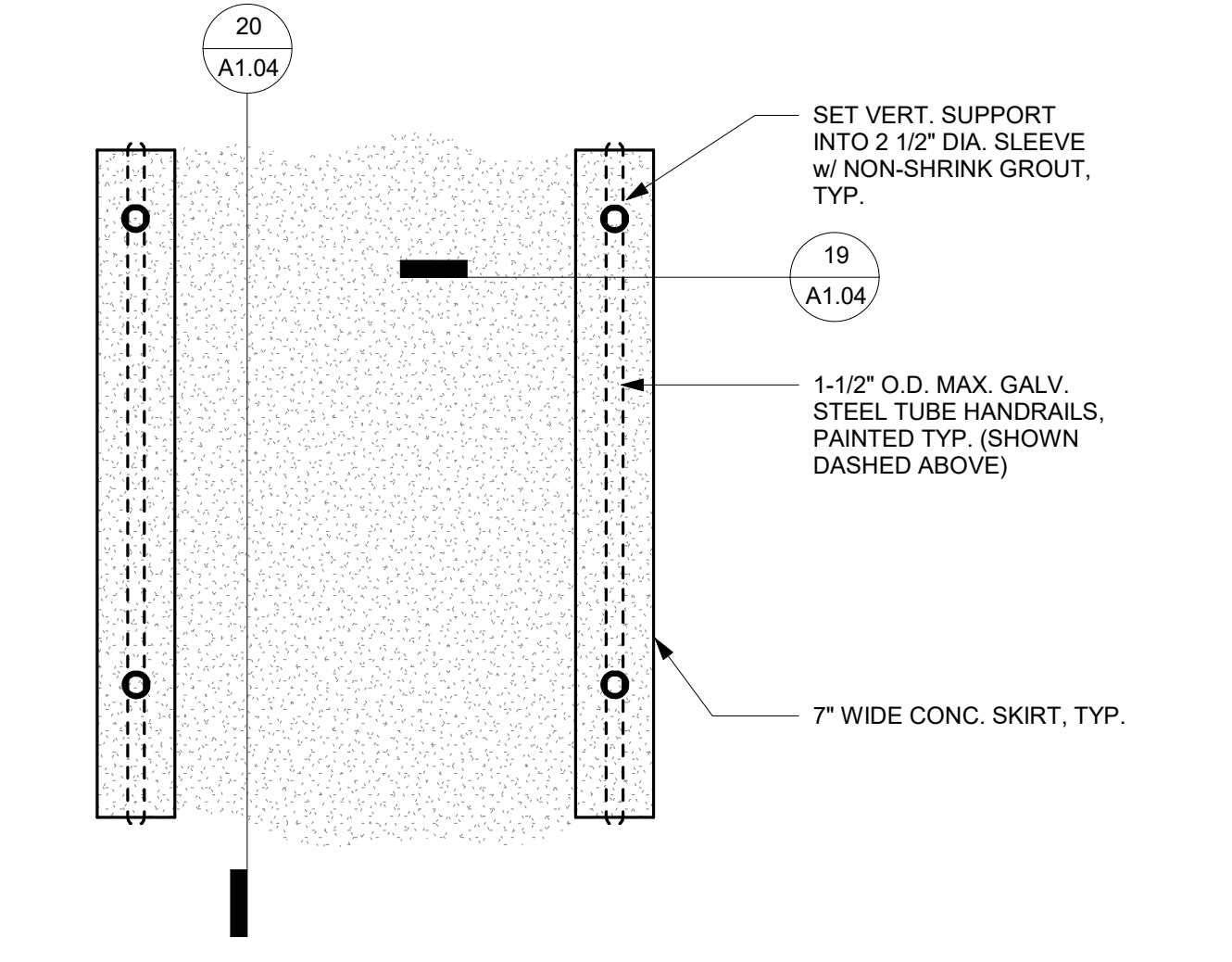
6 ACCESSIBLE SYMBOLO
 SCALE: 1" = 1'-0"



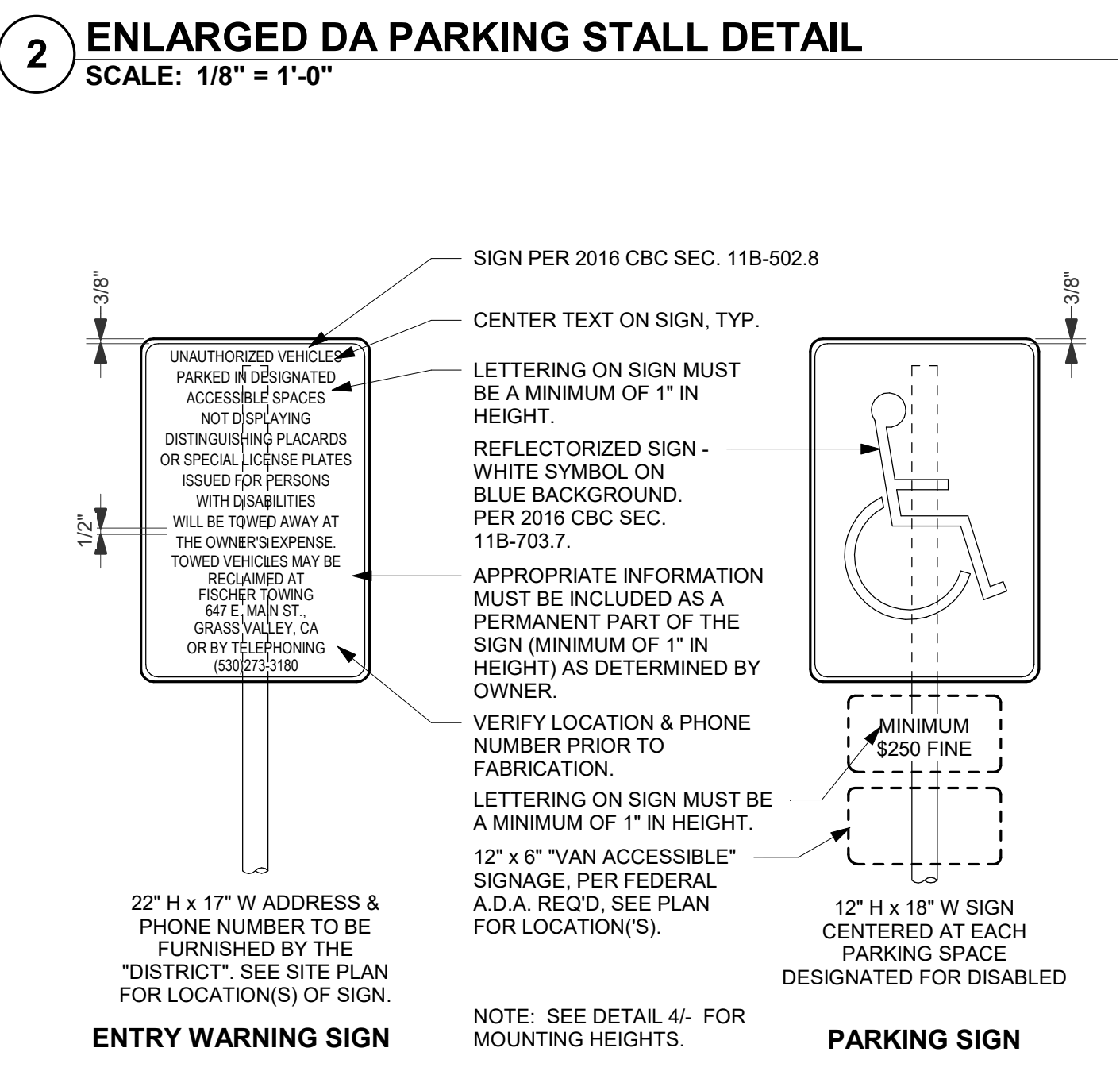
10 TRUNCATED DOMES PAVER
 SCALE: 3" = 1'-0"



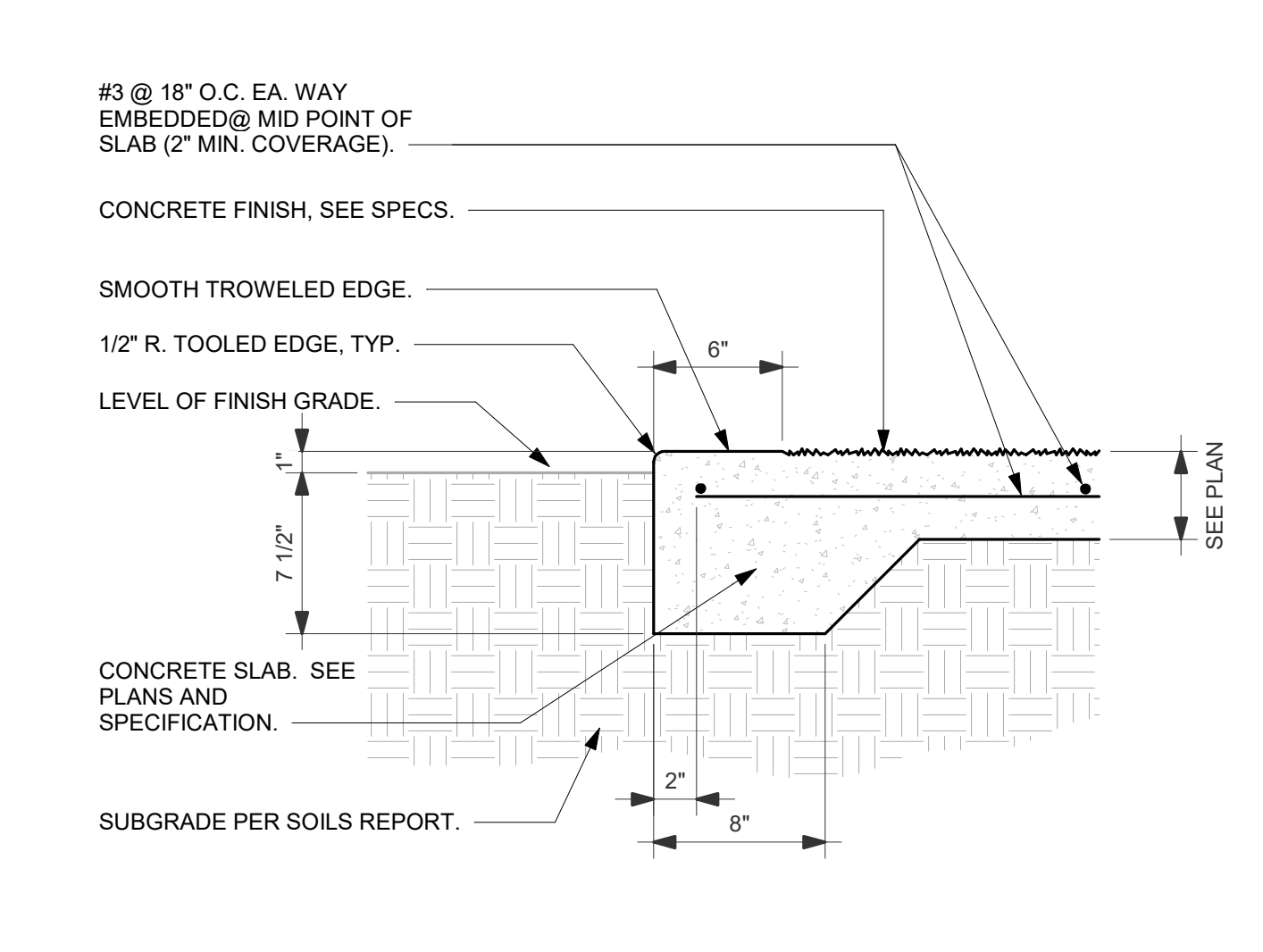
14 ASPHALT/CONCRETE JOINT
 SCALE: 1 1/2" = 1'-0"



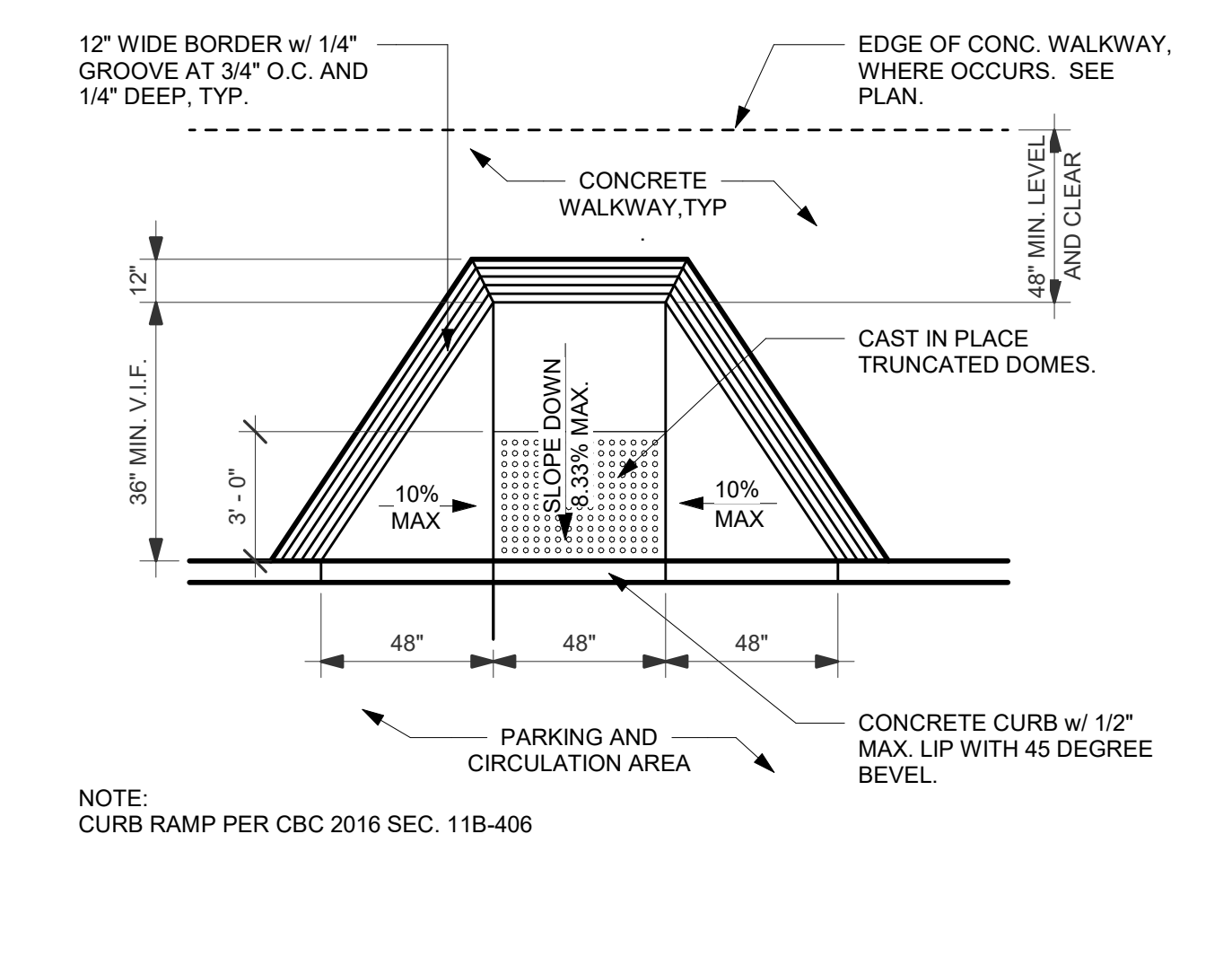
18 PLAN - HANDRAIL @ CONC. RAMP
 SCALE: 3/4" = 1'-0"



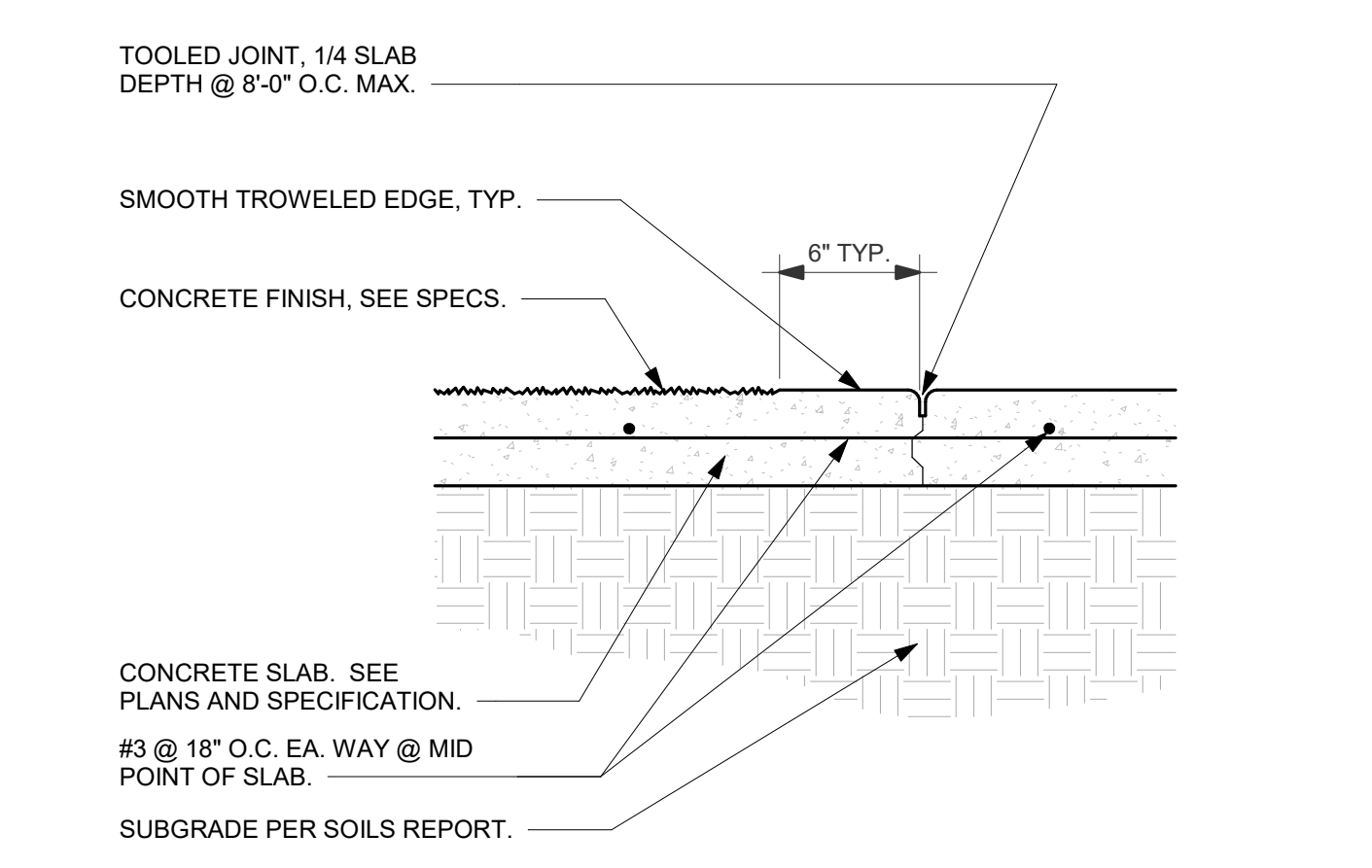
3 ACCESSIBLE PARKING SIGNS
 SCALE: 1" = 1'-0"



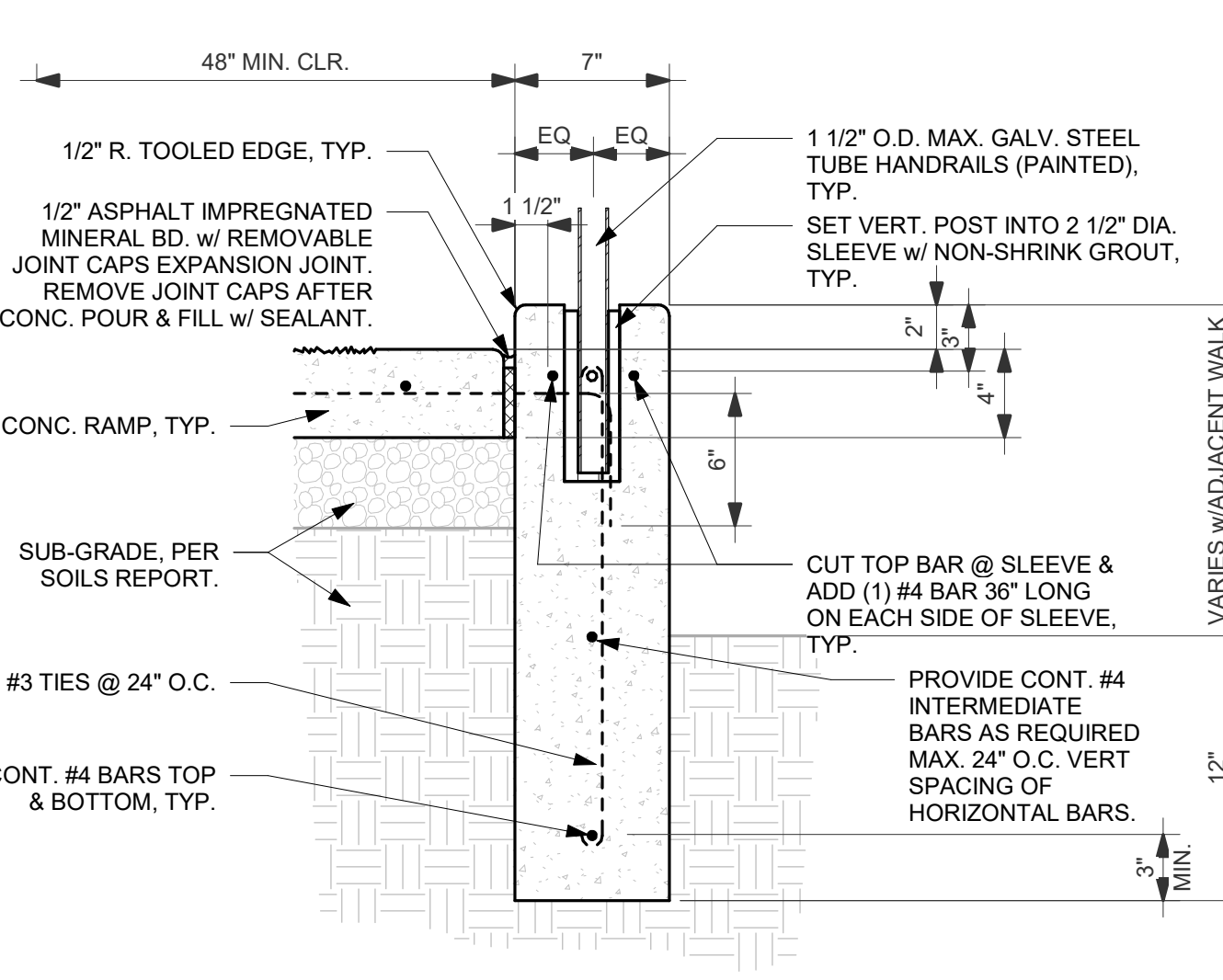
7 EDGE OF CONC. PAVING
 SCALE: 1 1/2" = 1'-0"



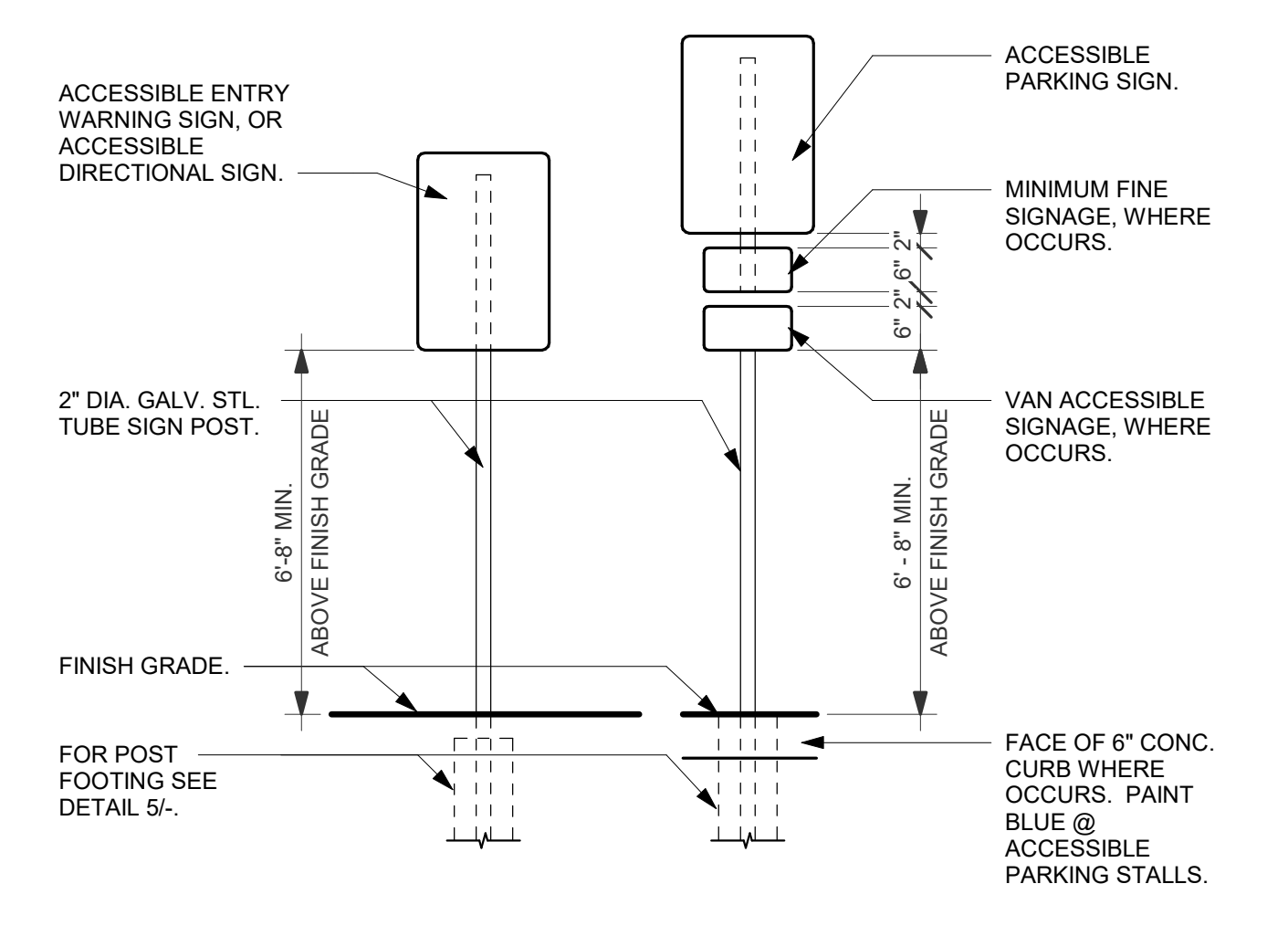
11 CURB RAMP
 SCALE: 1/4" = 1'-0"



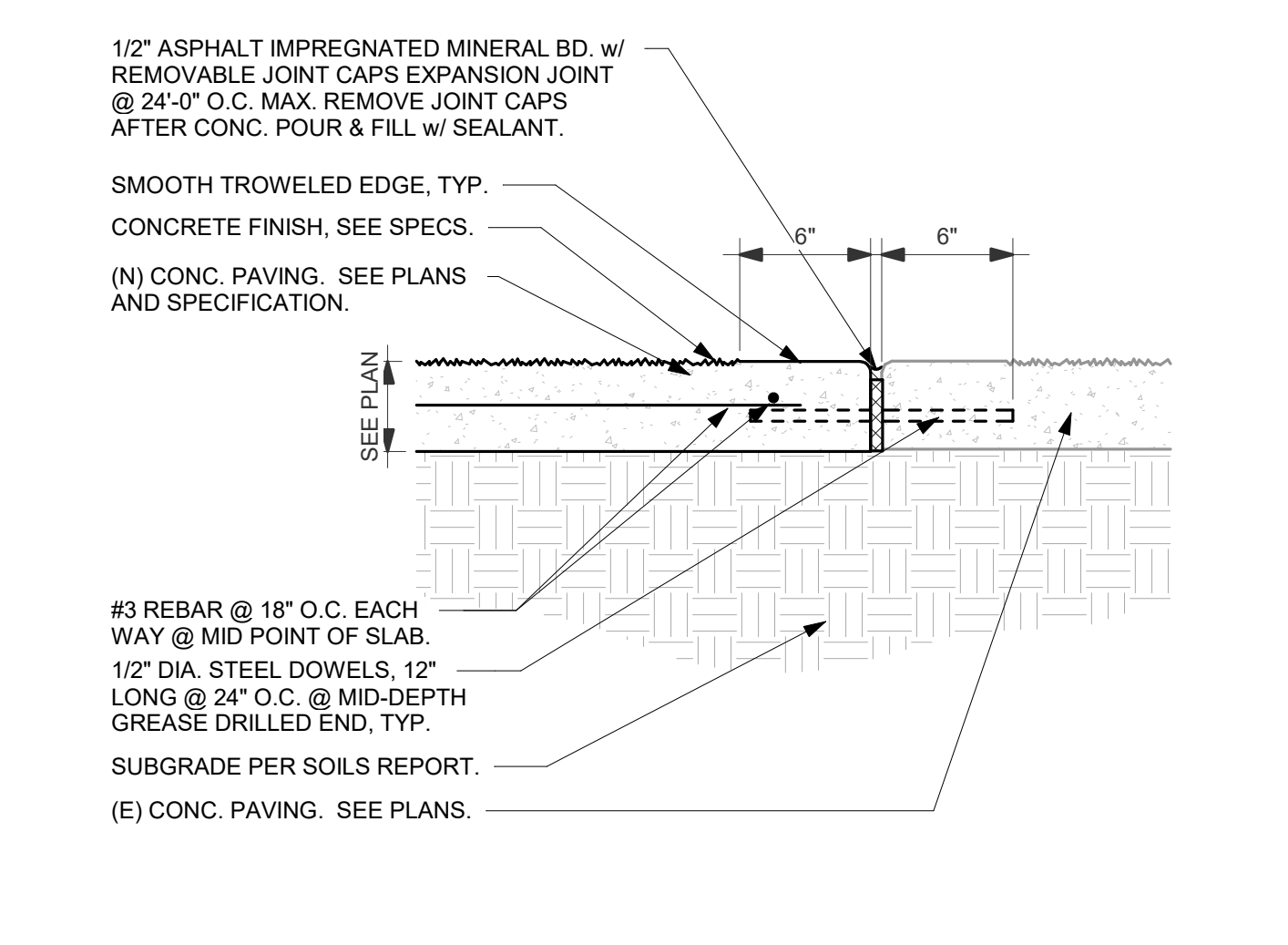
15 CONSTRUCTION JOINT (CJ)
 SCALE: 1 1/2" = 1'-0"



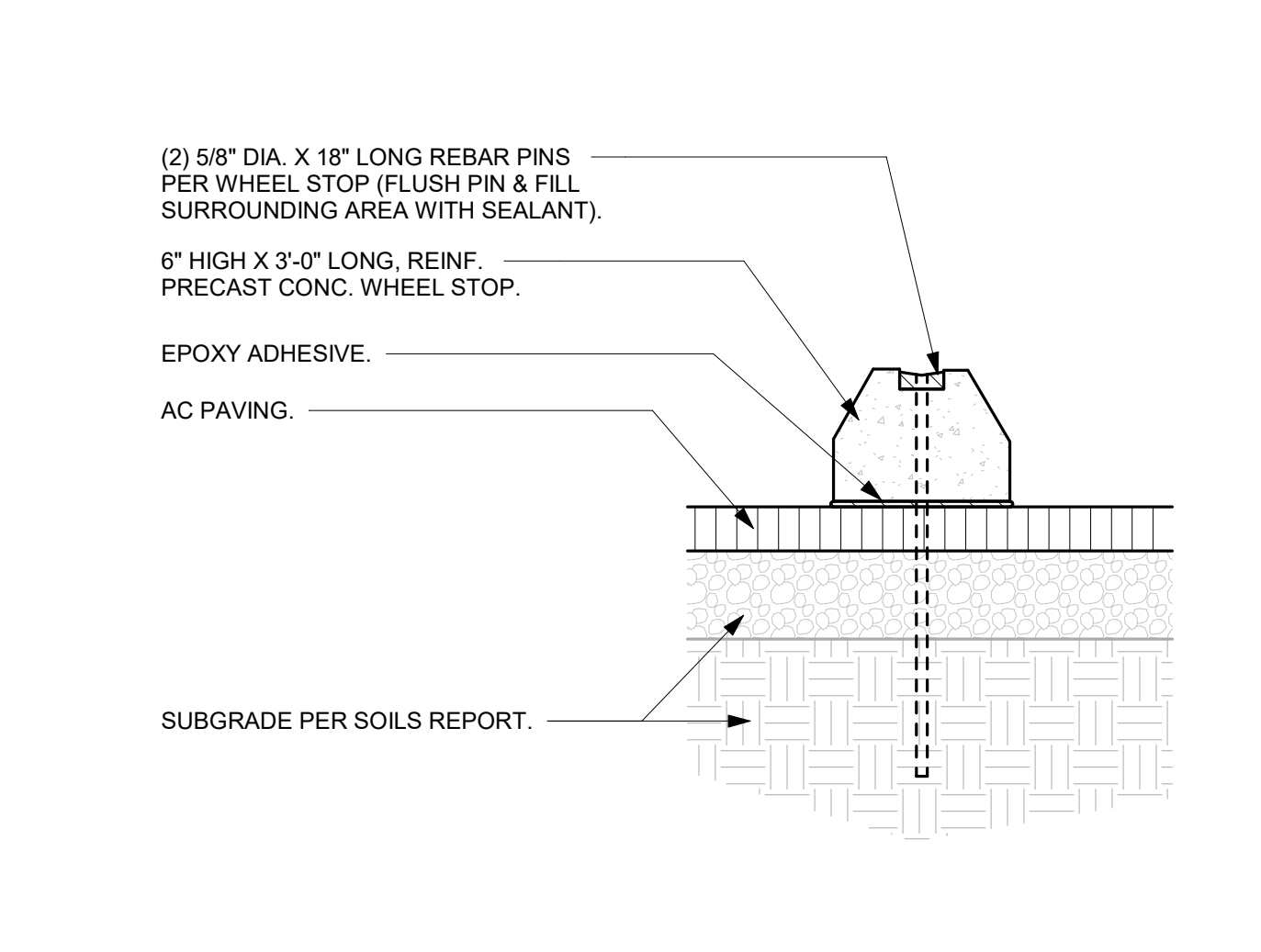
19 EDGE OF CONCRETE RAMP/STEPS
 SCALE: 1 1/2" = 1'-0"



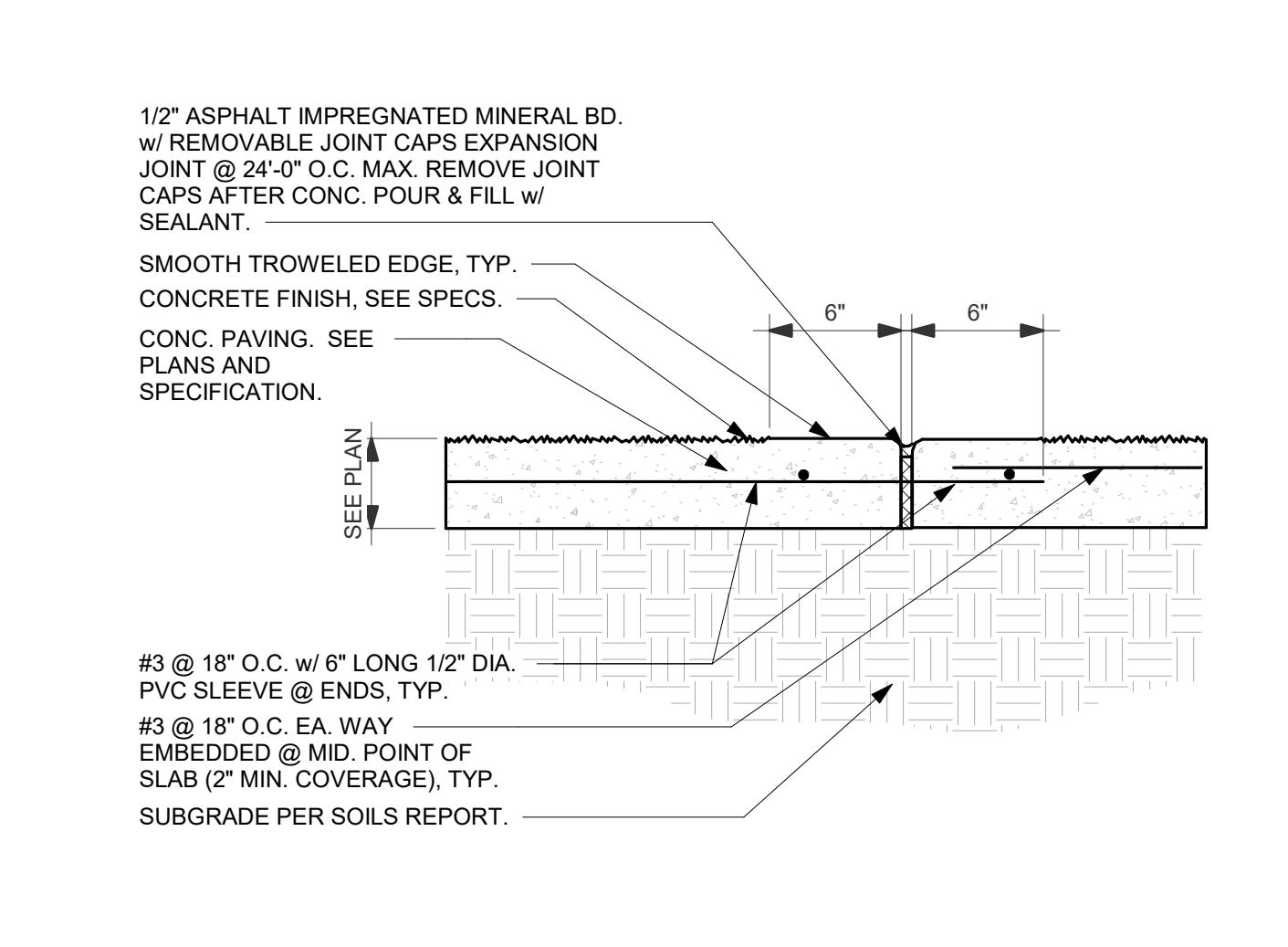
4 SITE SIGN MOUNTING DETAIL
 SCALE: 1/2" = 1'-0"



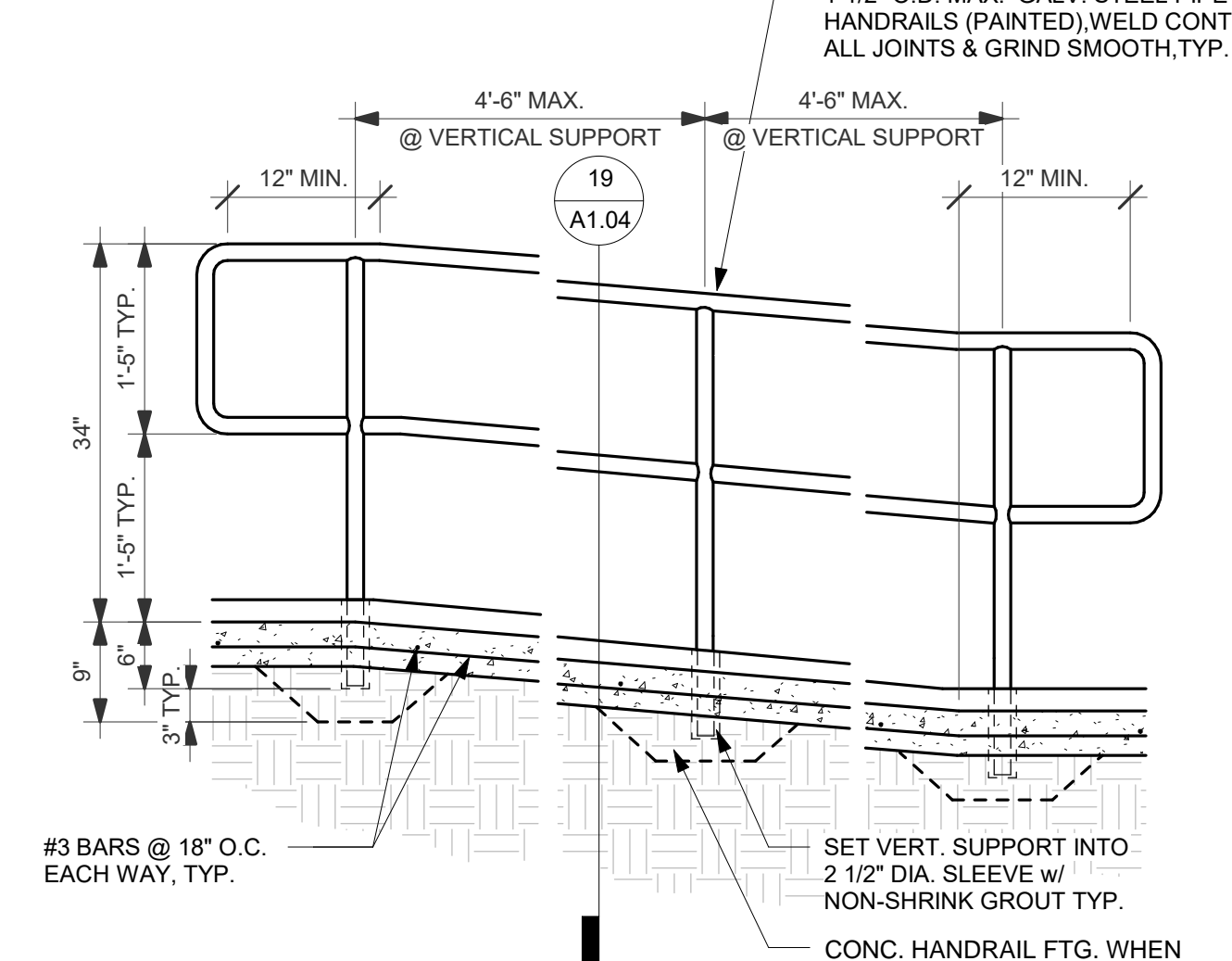
8 EDGE OF (N) CONC. @ (E) CONC.
 SCALE: 1 1/2" = 1'-0"



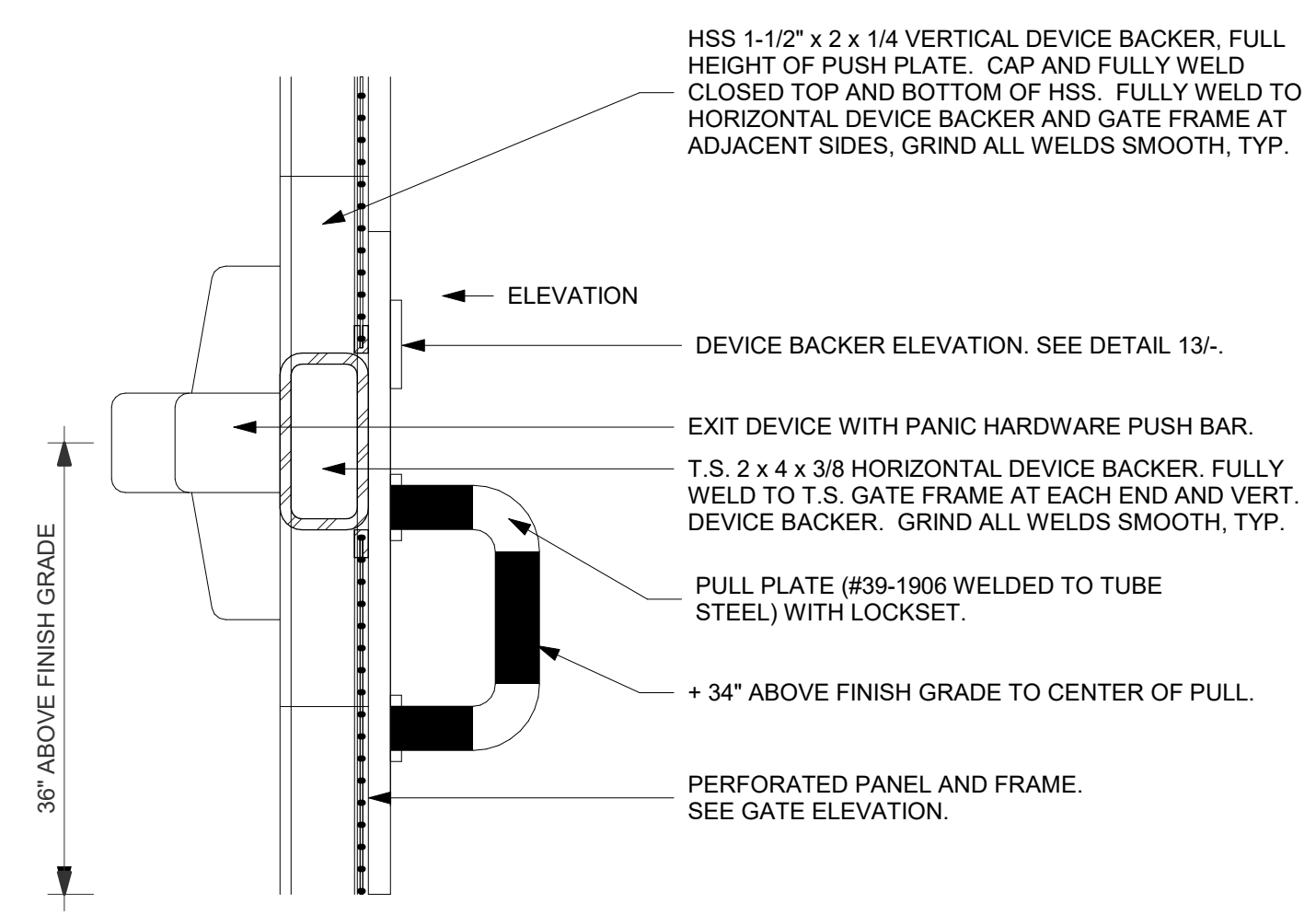
12 TYPICAL CONCRETE WHEEL STOP
 SCALE: 1 1/2" = 1'-0"



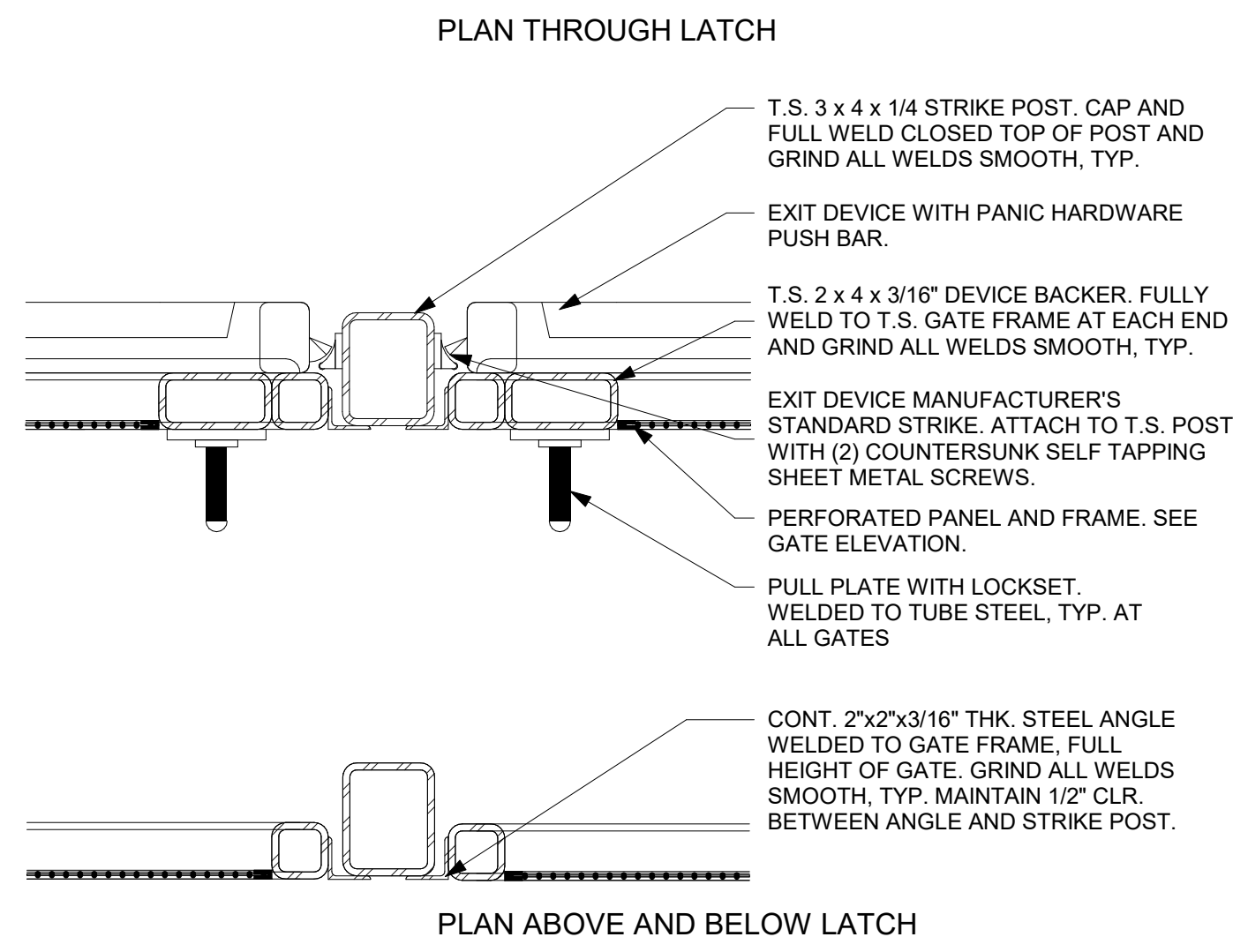
16 EXPANSION JOINT (EJ)
 SCALE: 1 1/2" = 1'-0"



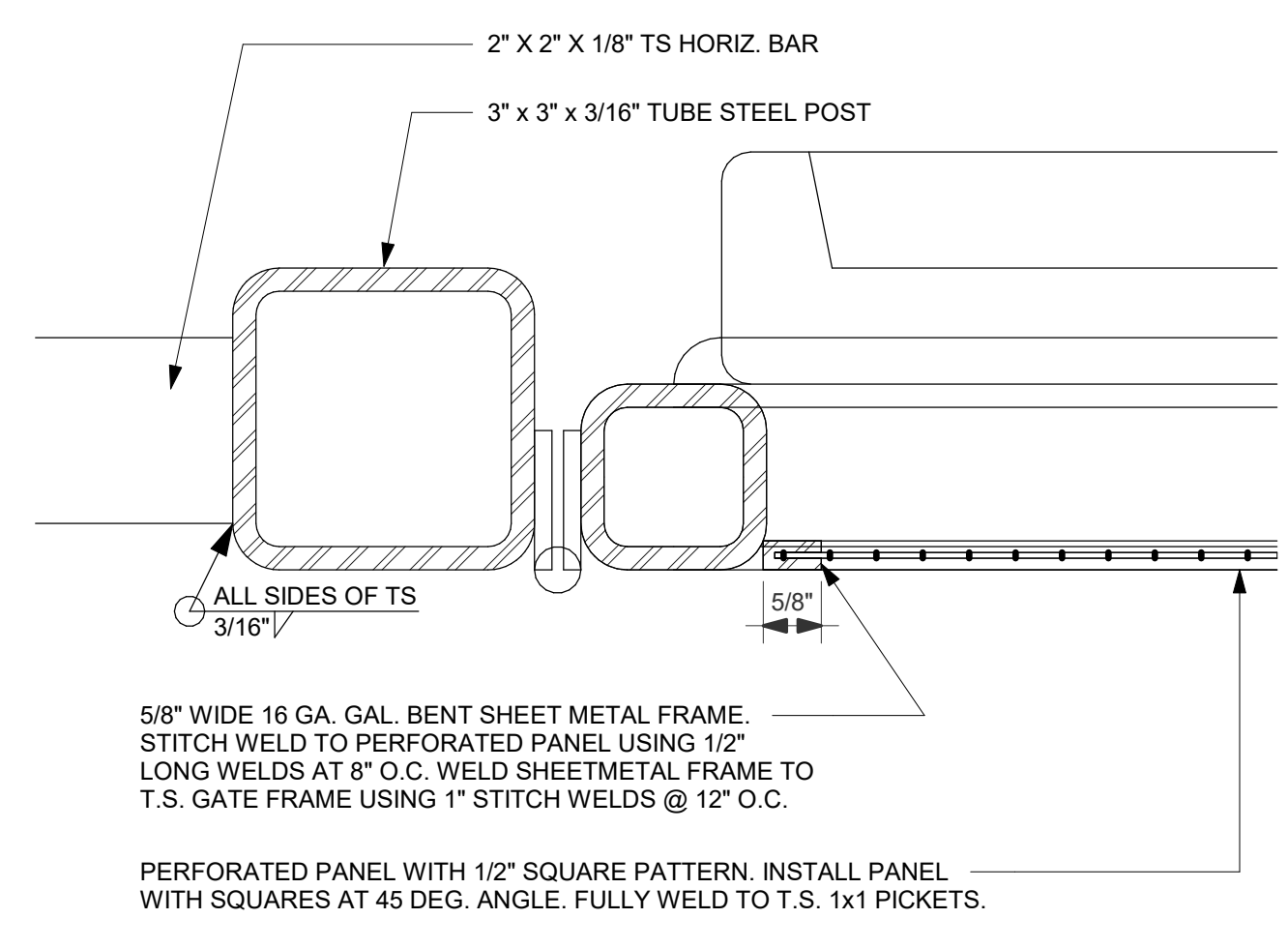
20 HANDRAIL @ CONCRETE RAMP
 SCALE: 3/4" = 1'-0"



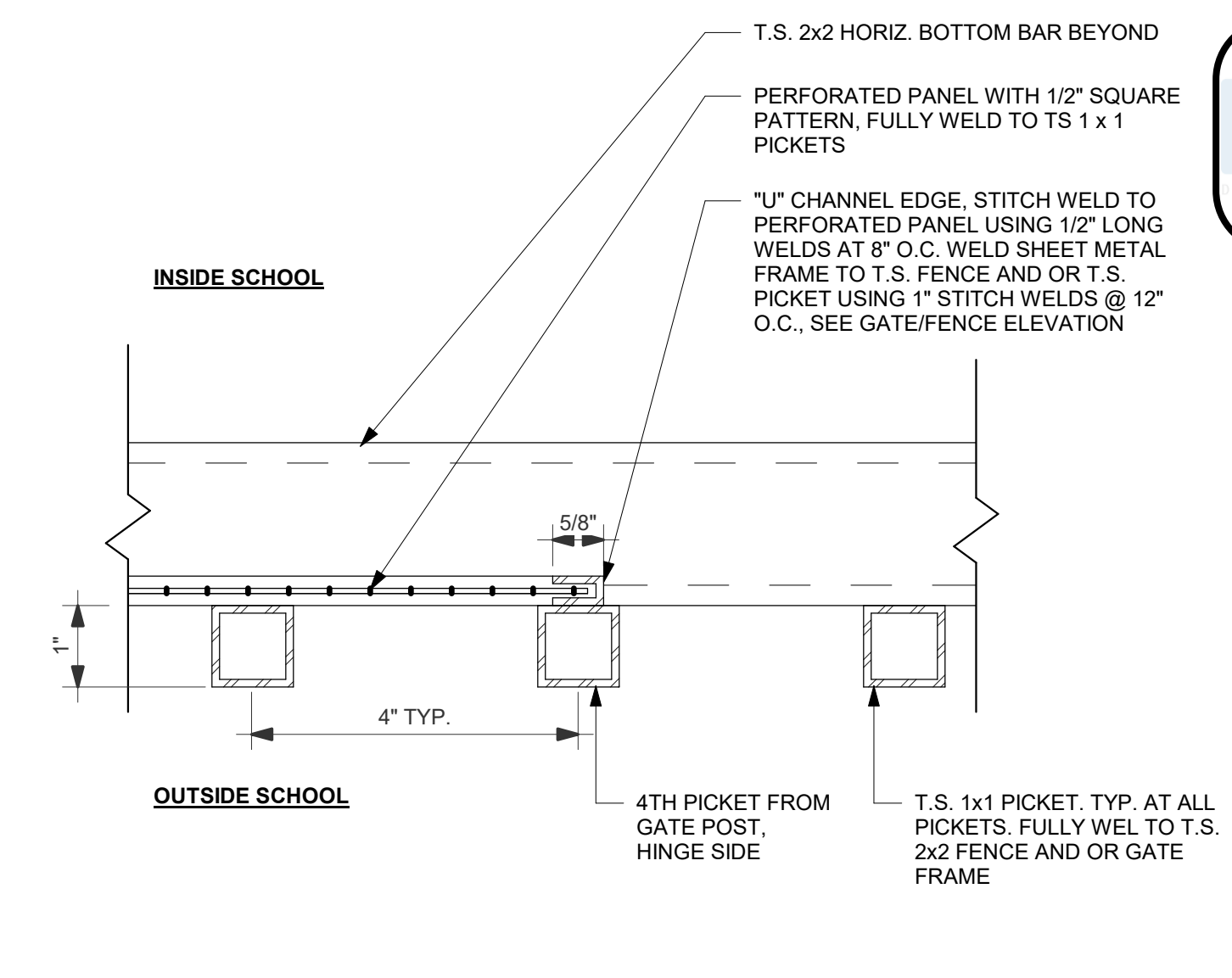
13 SECTION THROUGH PANIC PUSH BAR @ T.S. GATE
SCALE: 3" = 1'-0"



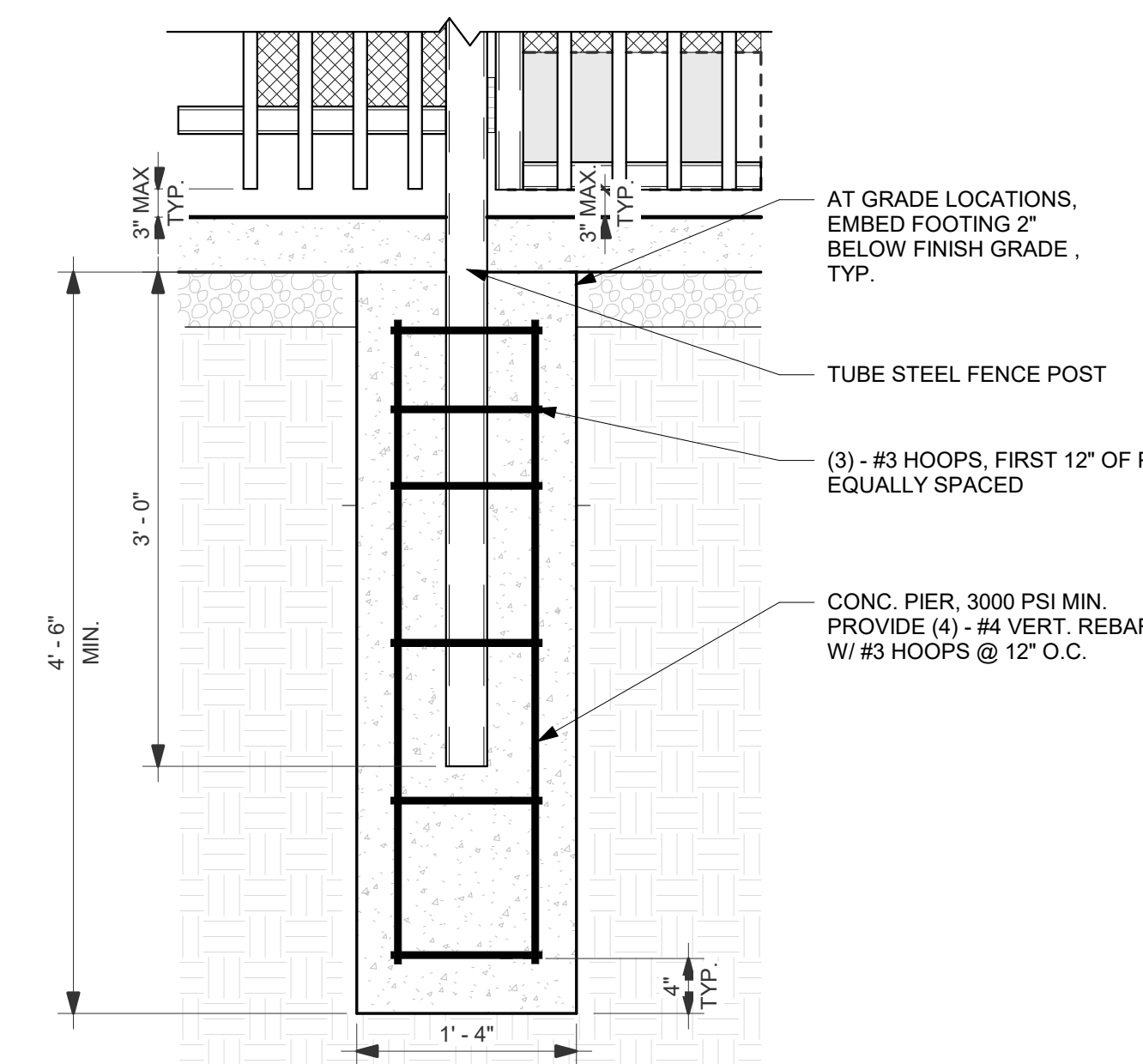
9 TUBE STEEL GATE STRIKE DETAIL
SCALE: 1 : 6



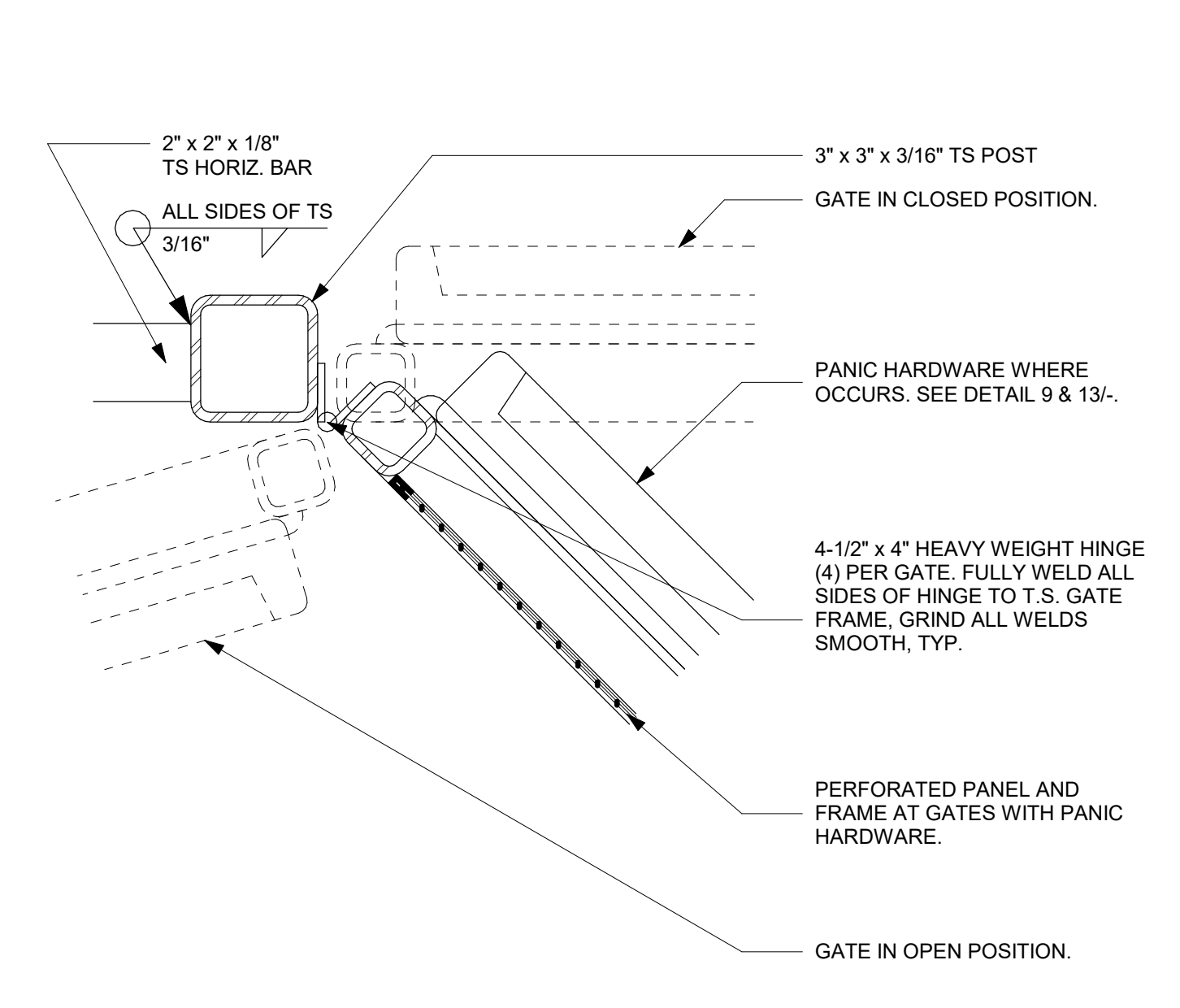
5 TUBE STEEL GATE JAMB DETAIL
SCALE: 6" = 1'-0"



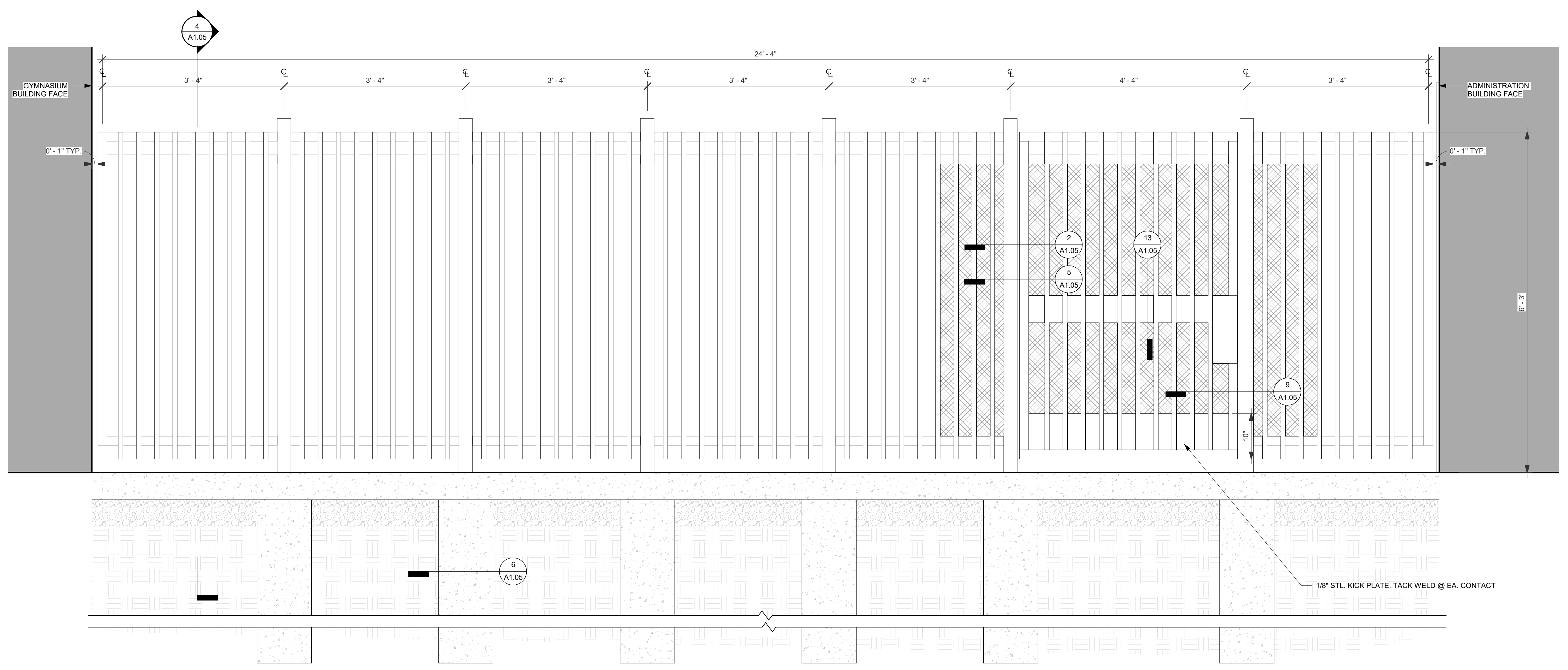
1 SECTION THROUGH T.S. PICKETS @ PANEL FRAME
SCALE: 6" = 1'-0"



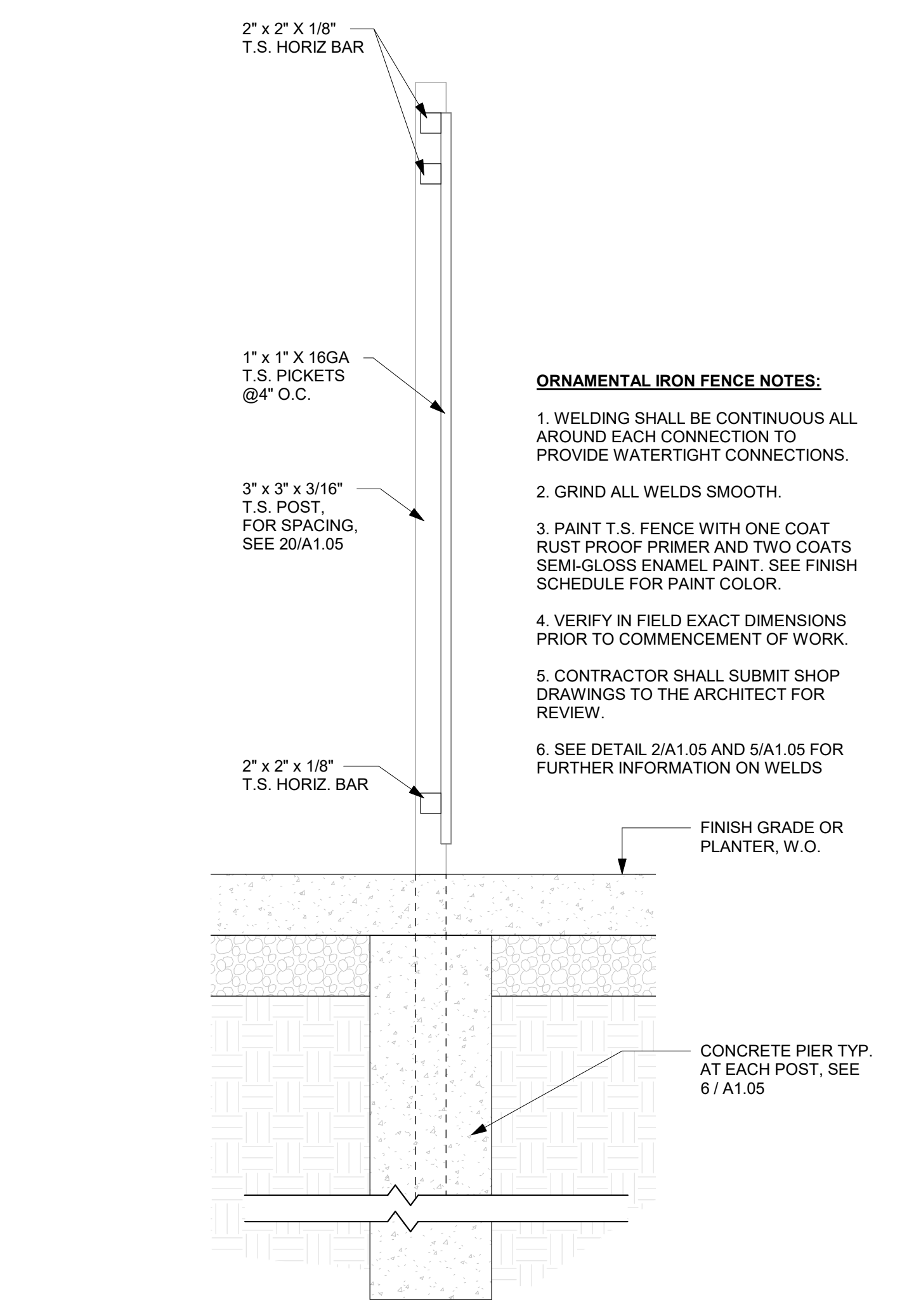
6 TYPICAL TS FENCE FOOTING DETAIL
SCALE: 1" = 1'-0"



2 TUBE STEEL GATE HINGE DETAIL
SCALE: 3" = 1'-0"



20 ORNAMENTAL IRON FENCE + ENTRY GATES ELEVATION
SCALE: 1" = 1'-0"



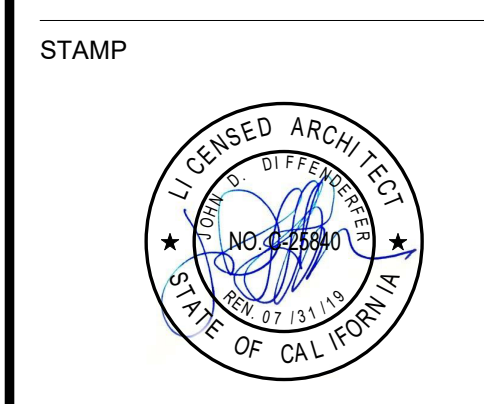
4 SECTION THROUGH ORNAMENTAL IRON FENCE
SCALE: 1" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02-117268 INC.
REVIEWED FOR
DATE: 05/17/2019

aedis architects

www.aedisarchitects.com
387 S. 1st Street, Suite 300
San Jose, CA 95113
tel: (408) 300-5160
fax: (408) 300-5121

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019
Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT
CONSULTANT



STATE

REVISIONS

No.	Description	Date
△		

MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

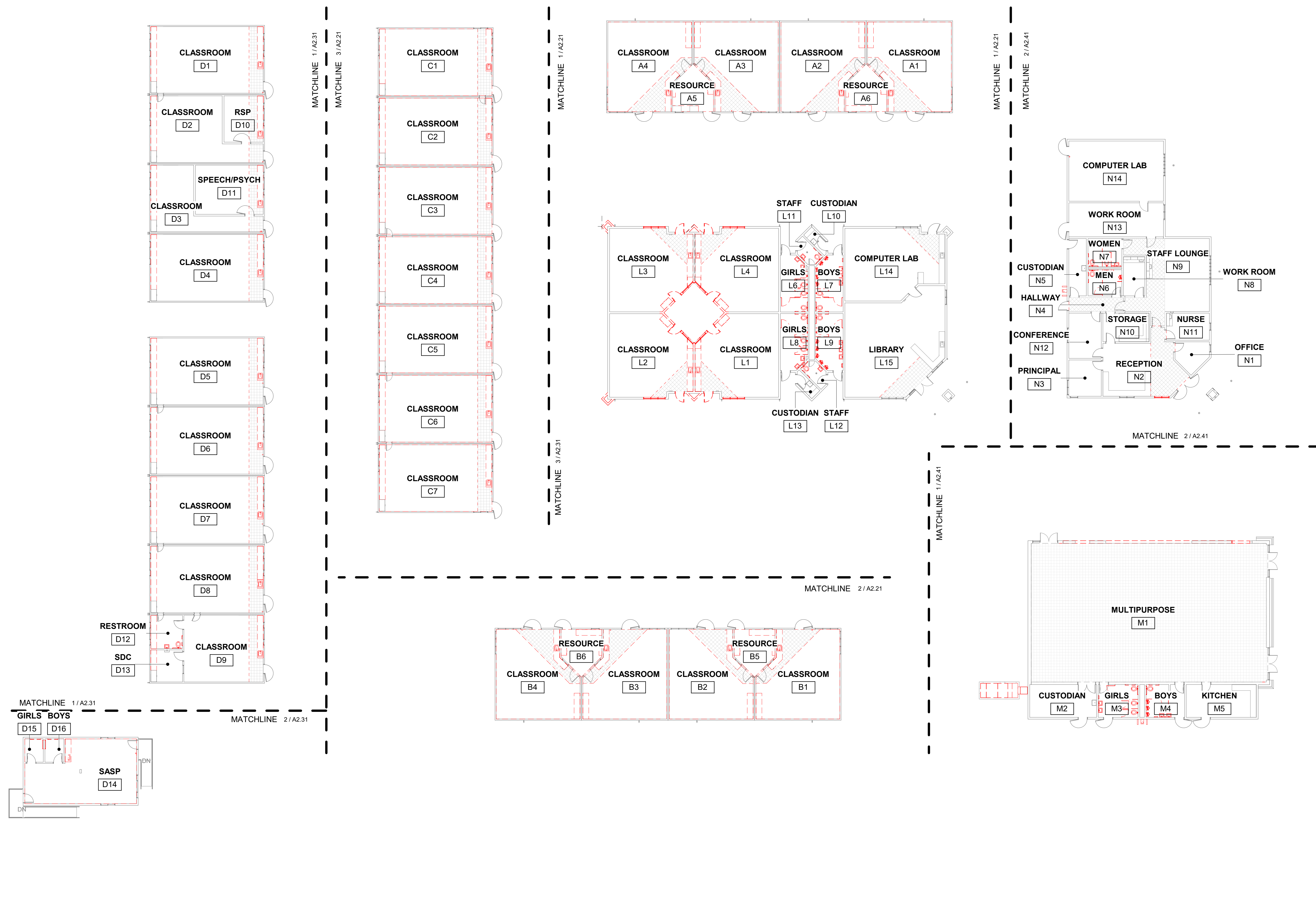
SHEET
SITE DETAILS

DATE 05/09/2019
JOB # 2018045
SHEET #

A1.05

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1 OVERALL DEMO FLOOR PLAN
SCALE: 1/16" = 1'-0"



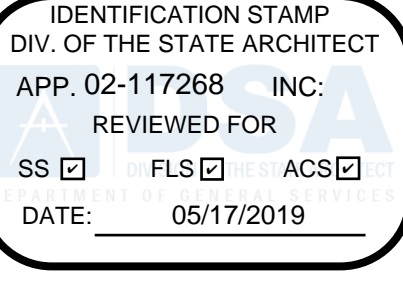
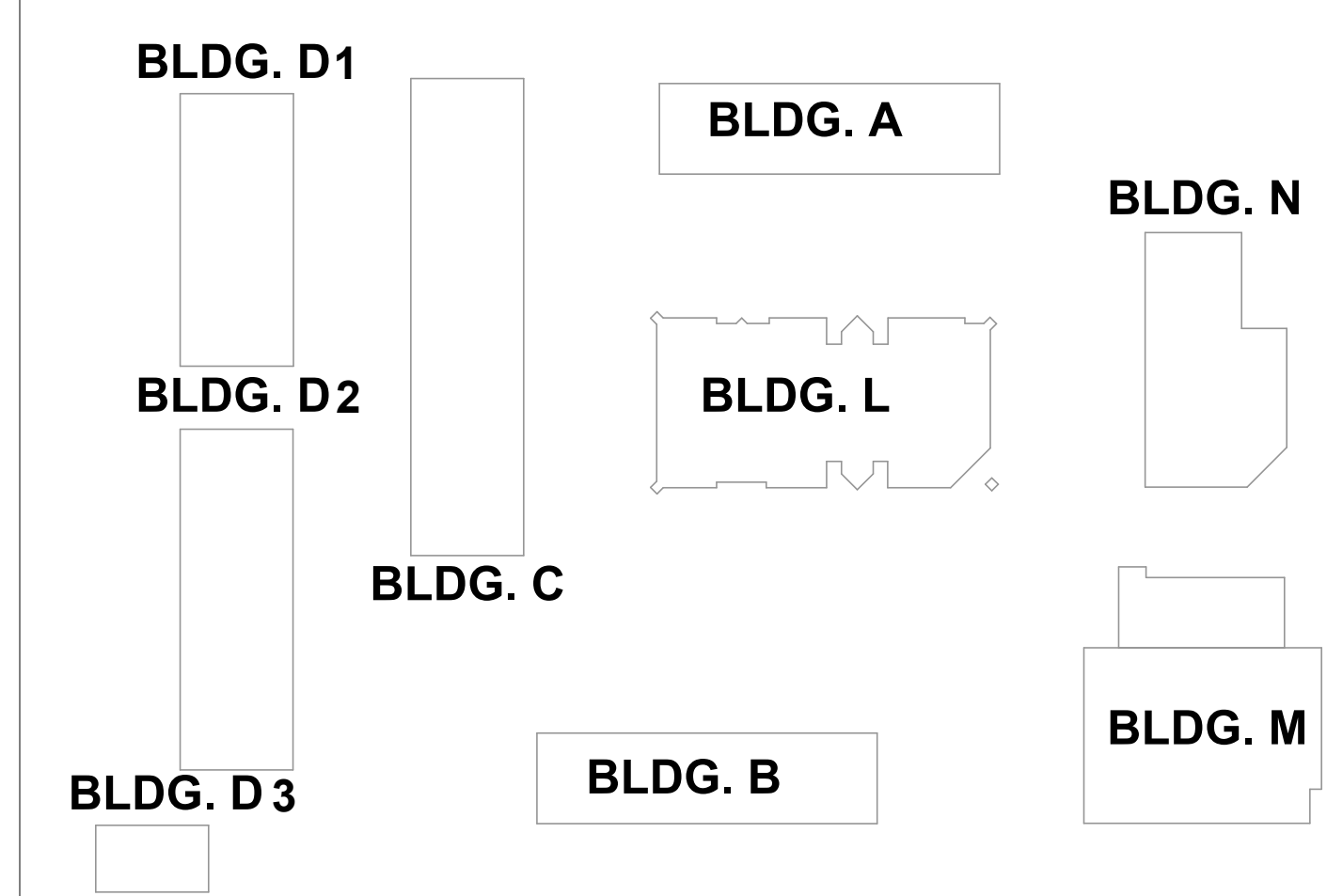
GENERAL SHEET NOTES

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- B REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR EXTENT OF CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION WORK.
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- H EXISTING EQUIPMENT INDICATED TO BE RELOCATED PER NEW PLAN IS TO BE STORED AND PROTECTED DURING CONSTRUCTION.

GRAPHIC KEY

- WALL TYPES:**
- EXISTING WALL TO BE DEMOLISHED.
 - EXISTING WALL TO REMAIN.
- FLOOR FINISH TYPES:**
- (E) VINYL TILE TO BE DEMOLISHED.

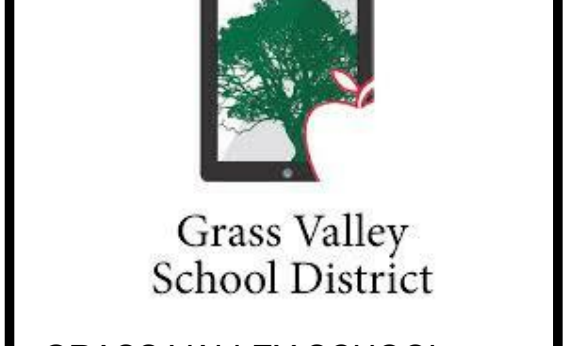
BUILDING KEY



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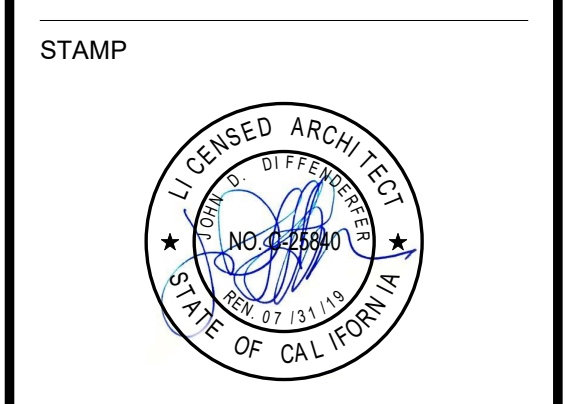
www.aedisarchitects.com
387 S. 1st Street, Suite 300
San Jose, CA 95113
tel: (408)-300-5160
fax: (408)-300-5121

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT

CONSULTANT



STATE

REVISIONS

No.	Description	Date
1		

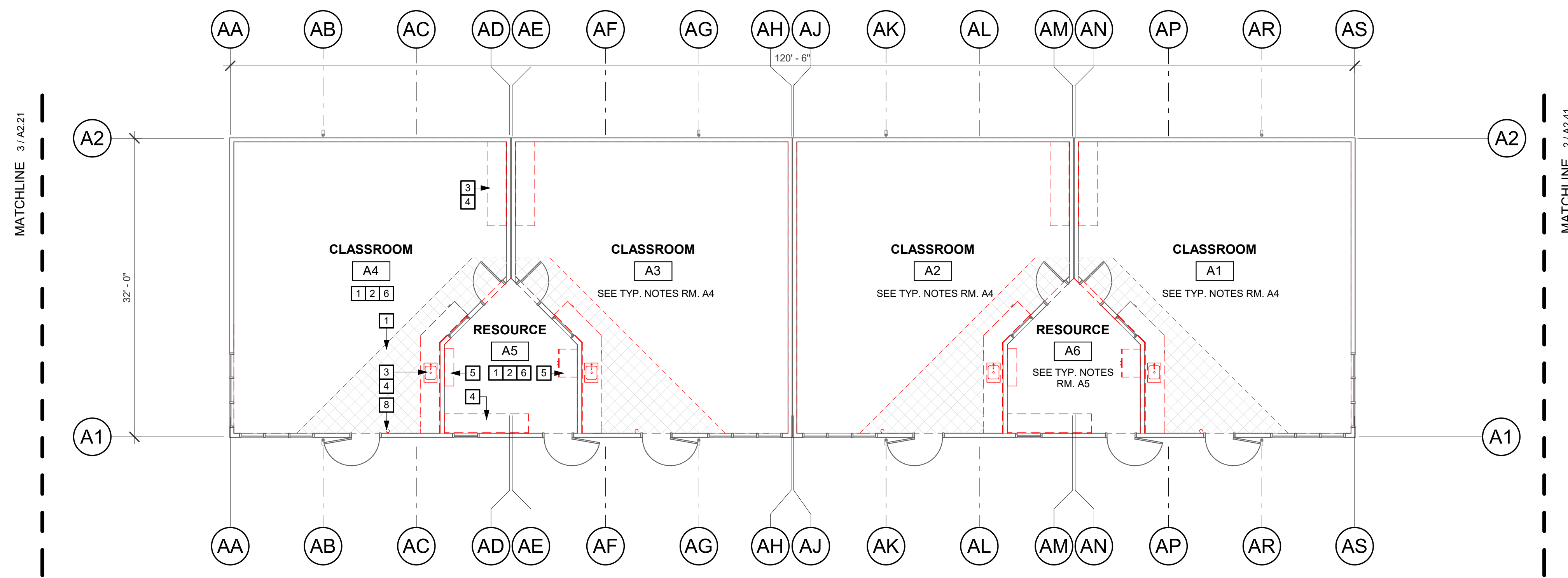
MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

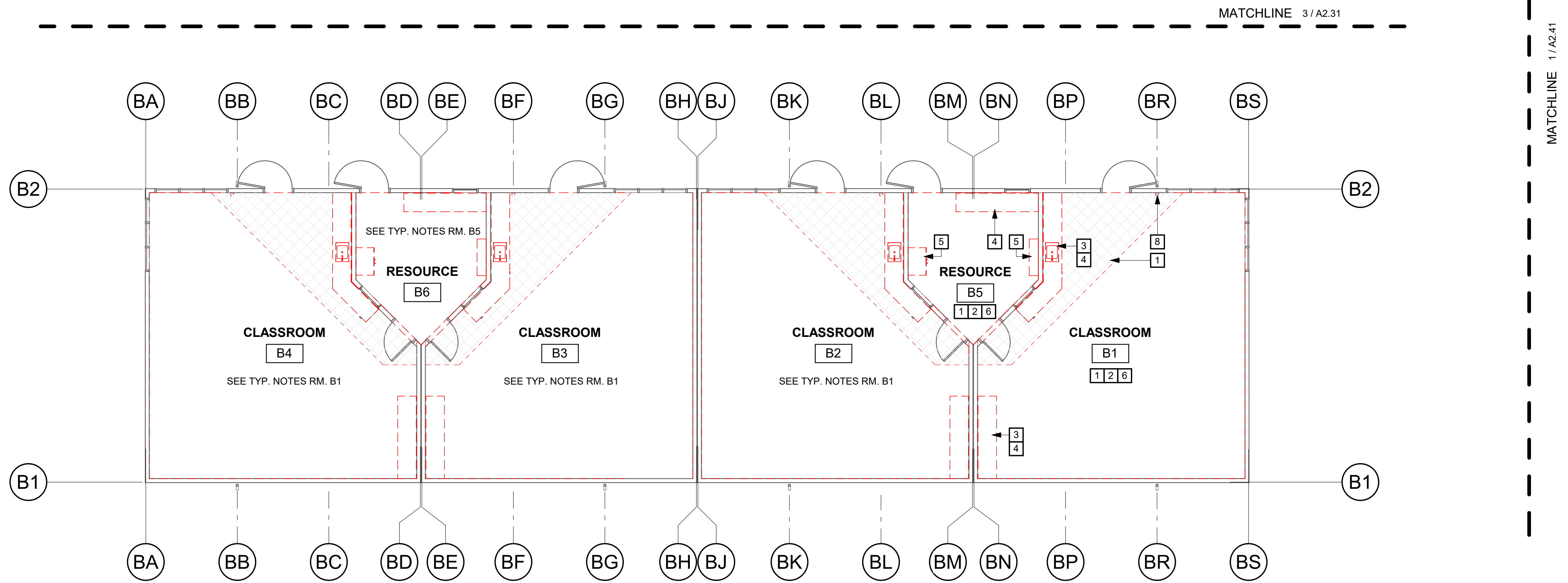
OVERALL DEMOLITION FLOOR PLAN

DATE: 05/09/2019
JOB #: 2018045
SHEET #

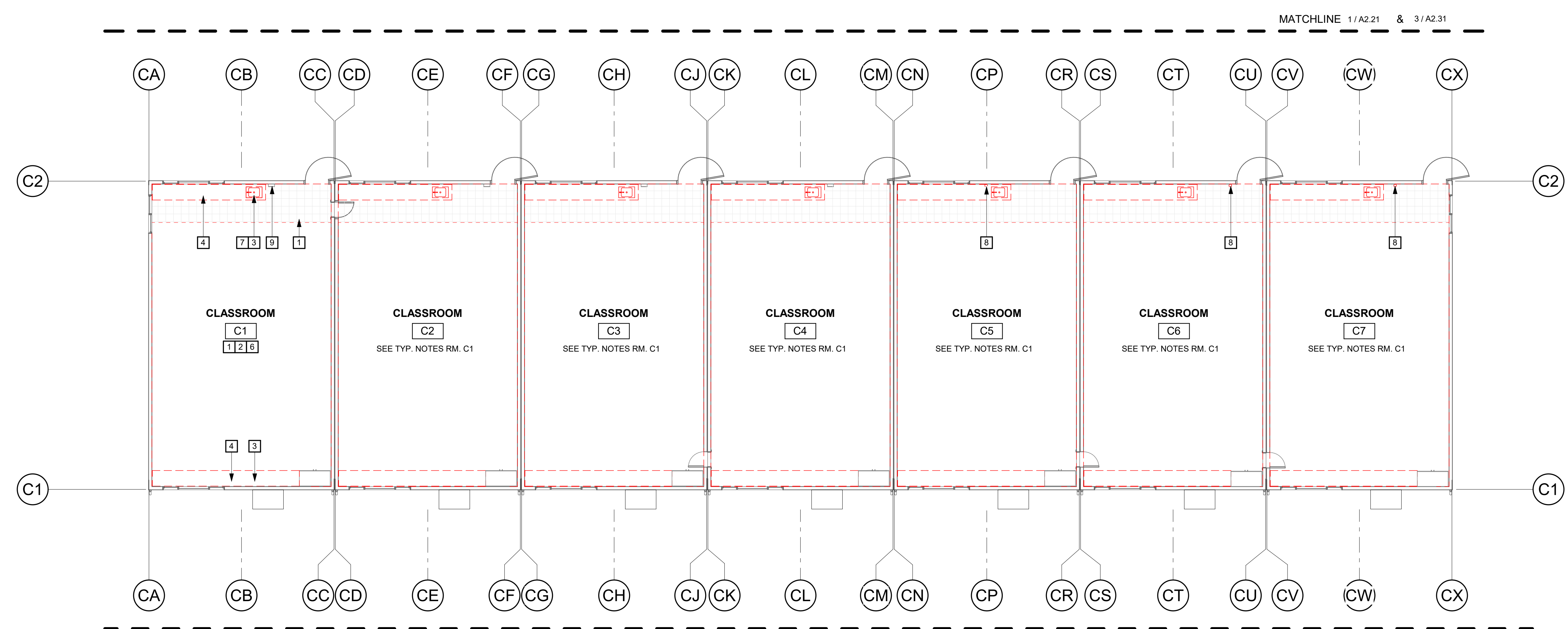
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1 BUILDING A DEMO FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 BUILDING B DEMO FLOOR PLAN
SCALE: 1/8" = 1'-0"



3 BUILDING C DEMO FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

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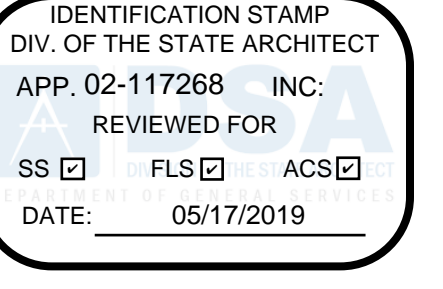
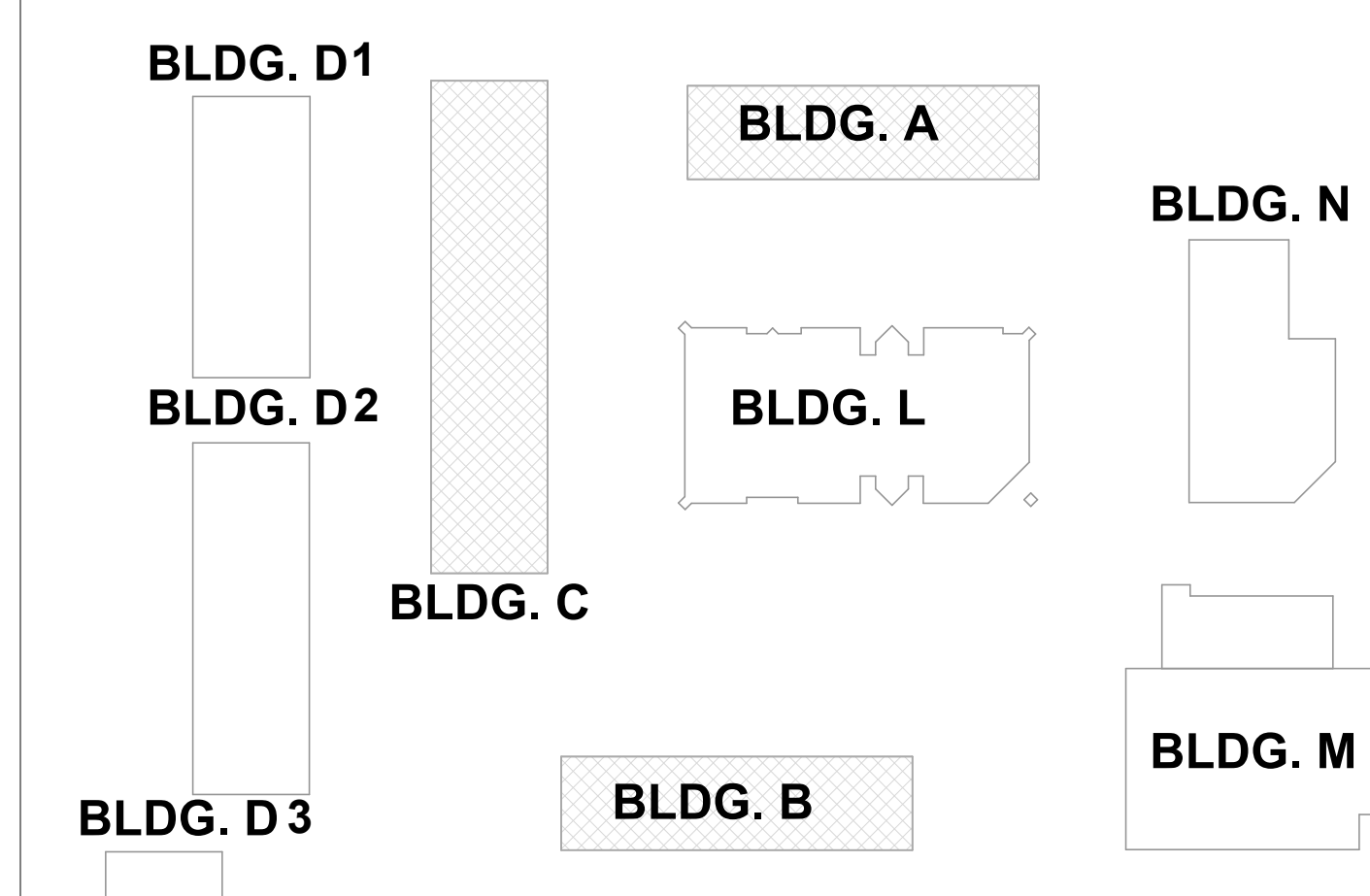
DEMOLITION FLOOR PLAN KEYNOTES

- 1 DEMO (E) FLOORING TO SUBFLOOR
- 2 DEMO (E) TACKABLE WALL PANELS, MARKER BOARDS, AND OTHER OBJECTS AS SHOWN IN DRAWINGS
- 3 DEMO (E) COUNTER TOP, SINKS, AND CLOSURE PANEL, TYP. PROTECT AND PREP ALL PLUMBING TO CONNECT TO NEW FIXTURES.
- 4 DEMO (E) CABINET DOORS AND DRAWER FRONTS. PREPARE CABINETS FOR (N) WORK
- 5 DEMO (E) CASEWORK AS SHOWN
- 6 DEMO (E) CEILING TILES & PREPARE GRID FOR (N) WORK
- 7 (E) BASE CABINET UNDERNEATH SINK TO REMAIN. REMOVE (E) CABINET DOORS AND PREP (E) CABINET BODY FOR NEW FINISHES.
- 8 REMOVE (E) FIRE EXTINGUISHER. PROTECT & PREP FOR RE-INSTALLATION
- 9 (E) SEMI-RECESSED FIRE EXTINGUISHER CABINET TO REMAIN

GRAPHIC KEY

- WALL TYPES:**
- - - - - EXISTING WALL TO BE DEMOLISHED.
 - — — — — EXISTING WALL TO REMAIN.
- FLOOR FINISH TYPES:**
- [Hatched Box] (E) VINYL TILE TO BE DEMOLISHED.

BUILDING KEY



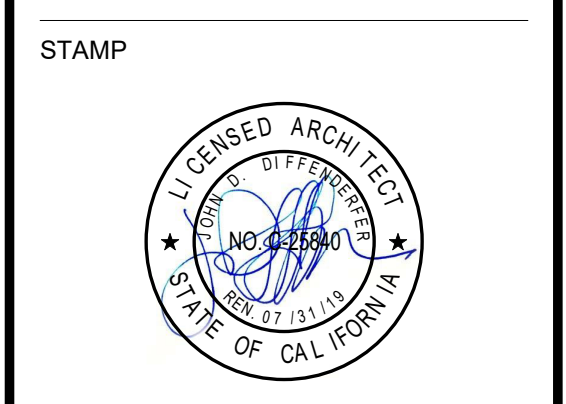
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Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT
CONSULTANT



STATE

REVISIONS

No.	Description	Date
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MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

DEMOLITION FLOOR PLAN - BUILDINGS A, B & C

DATE 05/09/2019
JOB # 2018045
SHEET #

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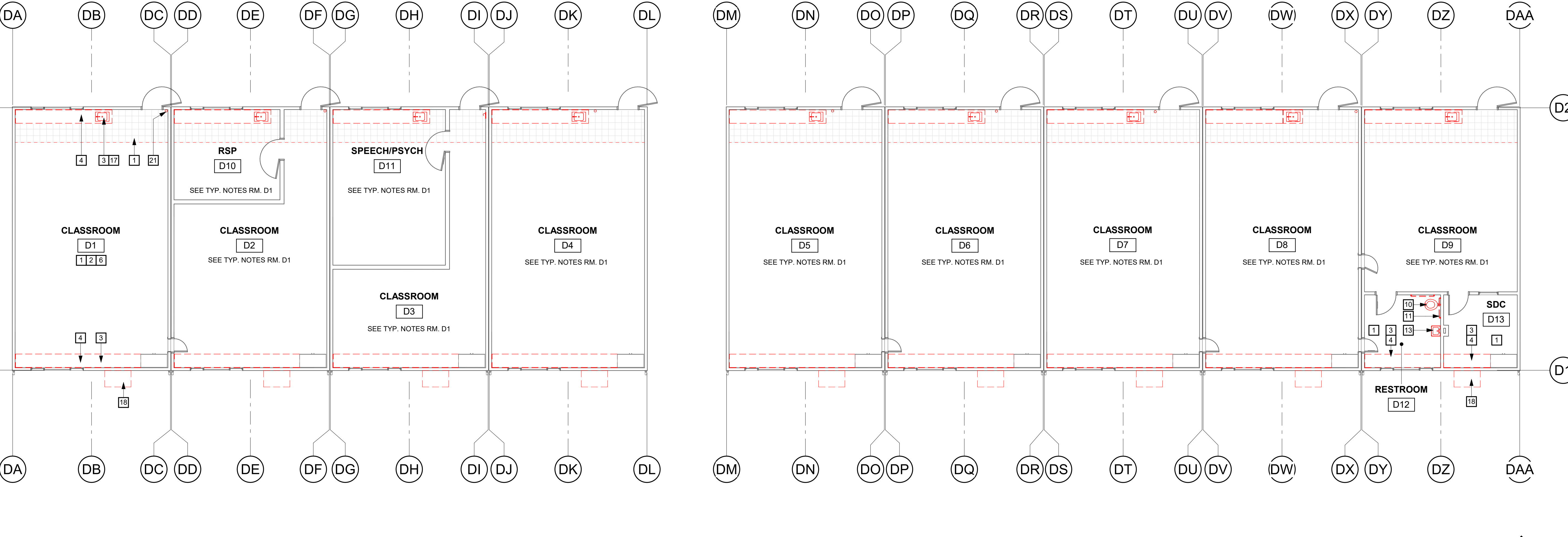
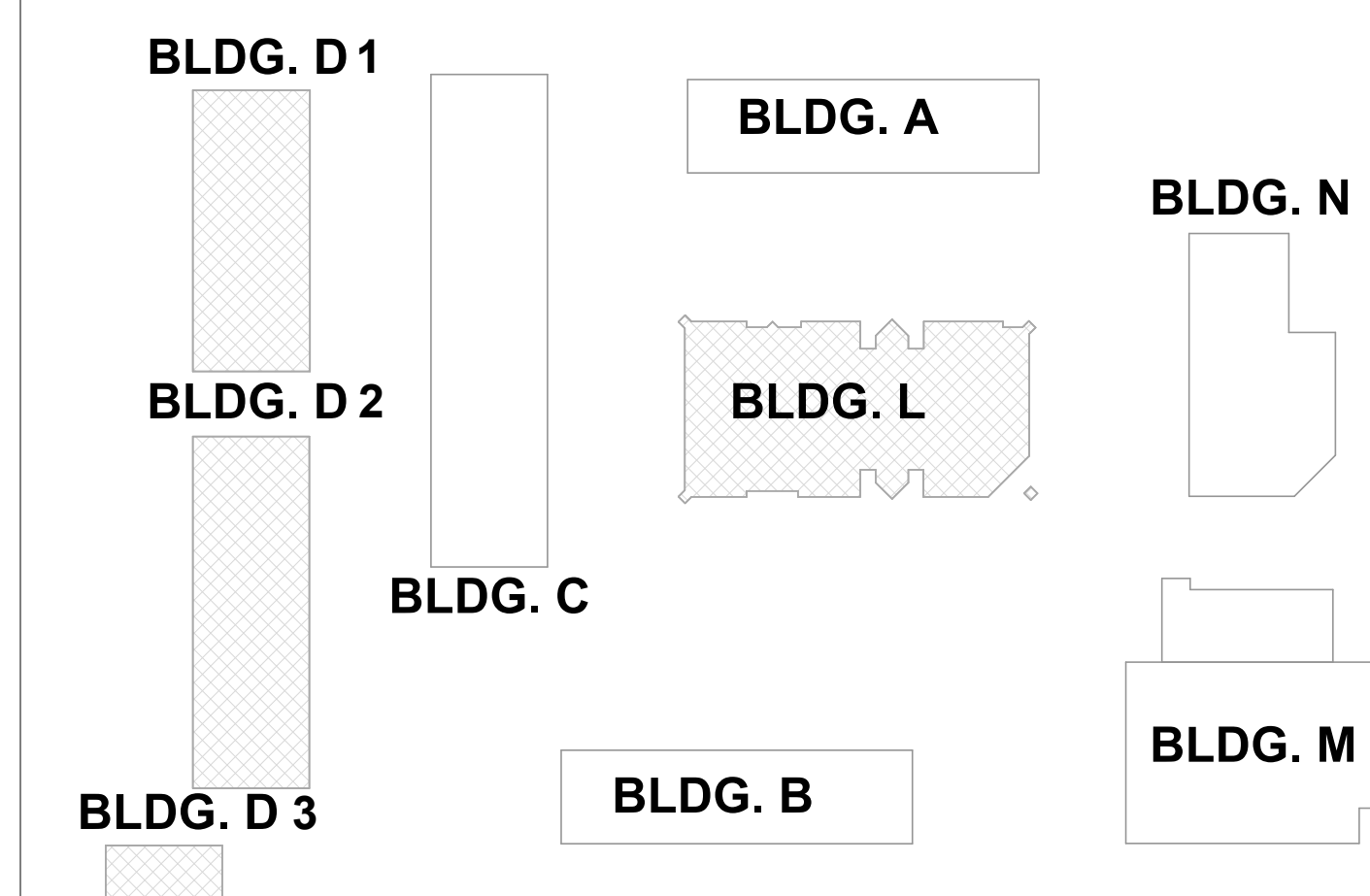
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- 5 DEMO (E) CASEWORK AS SHOWN
- 6 DEMO (E) CEILING TILES & PREPARE GRID FOR (N) WORK.
- 7 DEMO (E) FLOORING TO SLAB
- 8 DEMO (E) DOORS AND WINDOWS AS SHOWN
- 9 DEMO (E) WALL, CURB, AND FINISHES AS SHOWN. SEE NEW WORK FOR MORE INFORMATION
- 10 DEMO (E) TOILET FIXTURE & PREPARE TO RECEIVE (N). SEE PLUMBING DRAWINGS FOR MORE INFORMATION
- 11 DEMO (E) GRAB BAR, TYP.
- 12 DEMO (E) TOILET PARTITION AND HARDWARE FOR REINSTALLATION AS SHOWN ON (N) PLANS, TYP.
- 13 DEMO (E) SINK & PREPARE TO RECEIVE (N). SEE PLUMBING DRAWINGS FOR MORE INFORMATION
- 14 DEMO (E) PAPER TOWEL DISPENSER AND WASTE RECEPTACLE, TYP.
- 15 DEMO (E) SOAP DISPENSER, TYP.
- 16 DEMO (E) URINAL & PREPARE TO RECEIVE (N). SEE PLUMBING DRAWINGS FOR MORE INFORMATION
- 17 (E) BASE CABINET UNDERNEATH SINK TO REMAIN. REMOVE (E) CABINET DOORS AND PREP (E) CABINET BODY FOR NEW FINISHES.
- 18 DEMO (E) EXTERIOR WALL MOUNTED HVAC. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION
- 19 (E) WALL TO REMAIN
- 20 DEMO (E) WALL FINISH TO SHEATHING AS REQUIRED FOR (N) WORK
- 21 REMOVE (E) FIRE EXTINGUISHER, PROTECT & PREP FOR RE-INSTALLATION

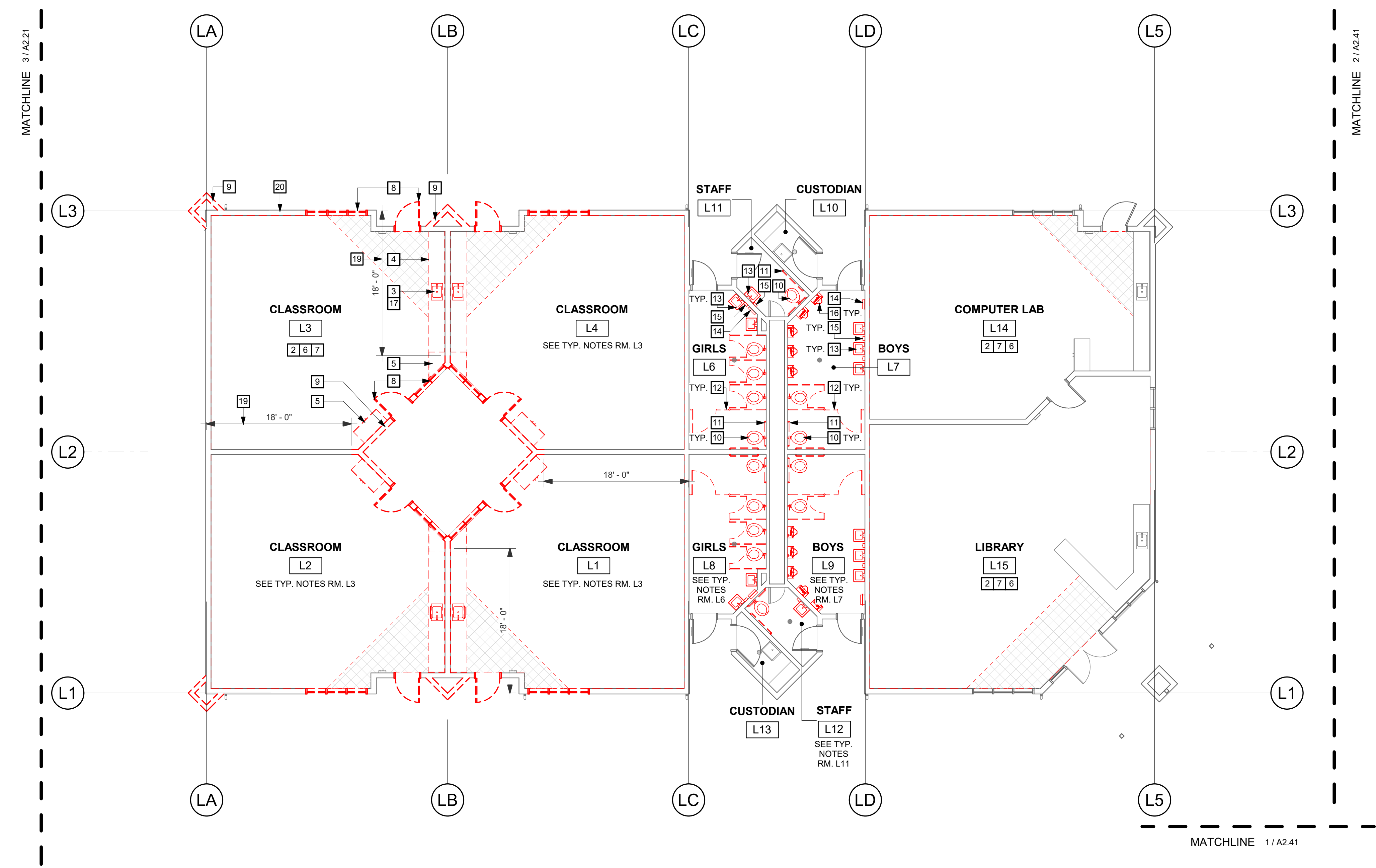
GRAPHIC KEY

- WALL TYPES:**
- - - - - EXISTING WALL TO BE DEMOLISHED.
 - — — — — EXISTING WALL TO REMAIN.
- FLOOR FINISH TYPES:**
- [Cross-hatched pattern] (E) VINYL TILE TO BE DEMOLISHED.

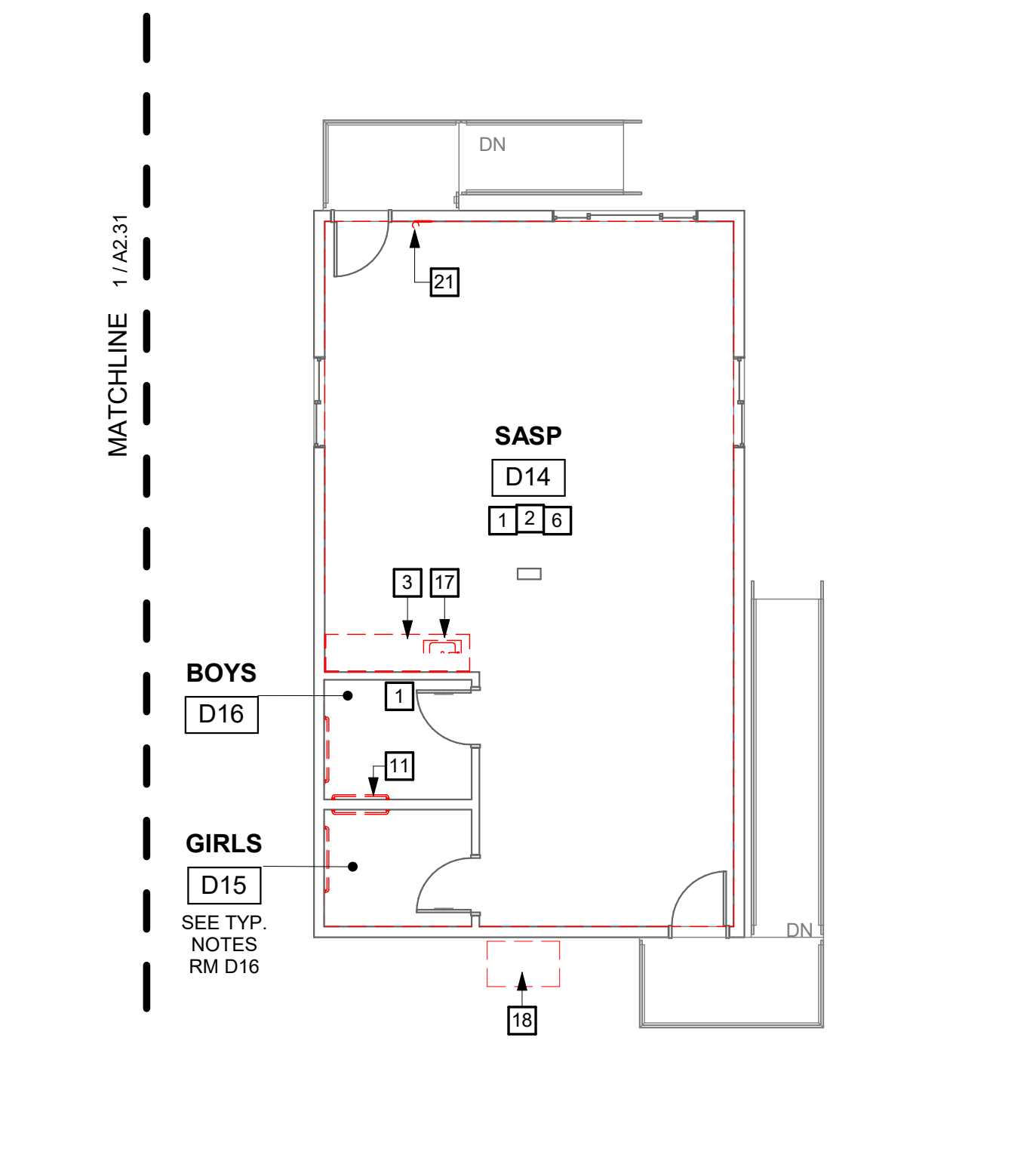
BUILDING KEY



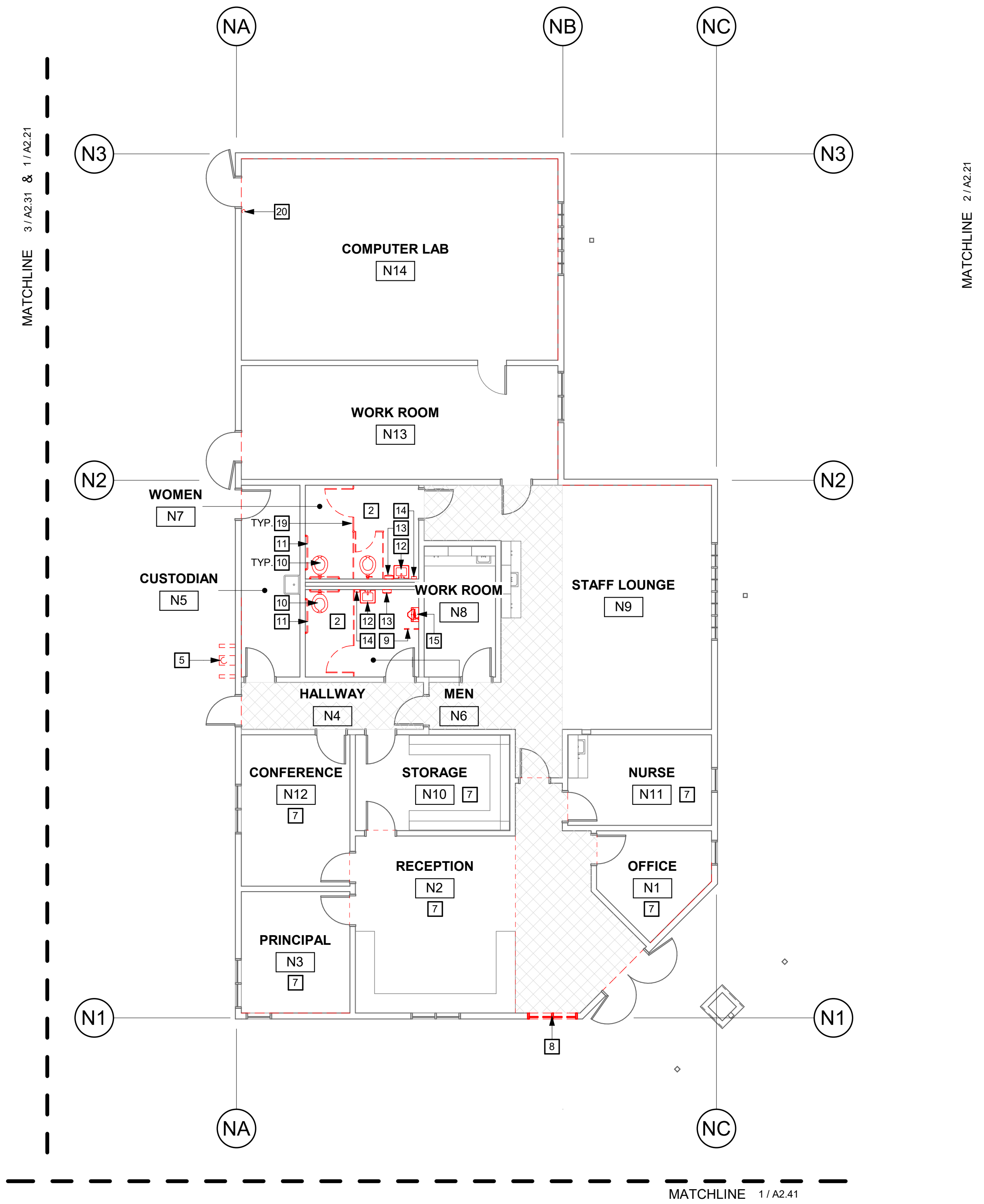
1 BUILDING D DEMO FLOOR PLAN - PARTIAL
 SCALE: 1/8" = 1'-0"



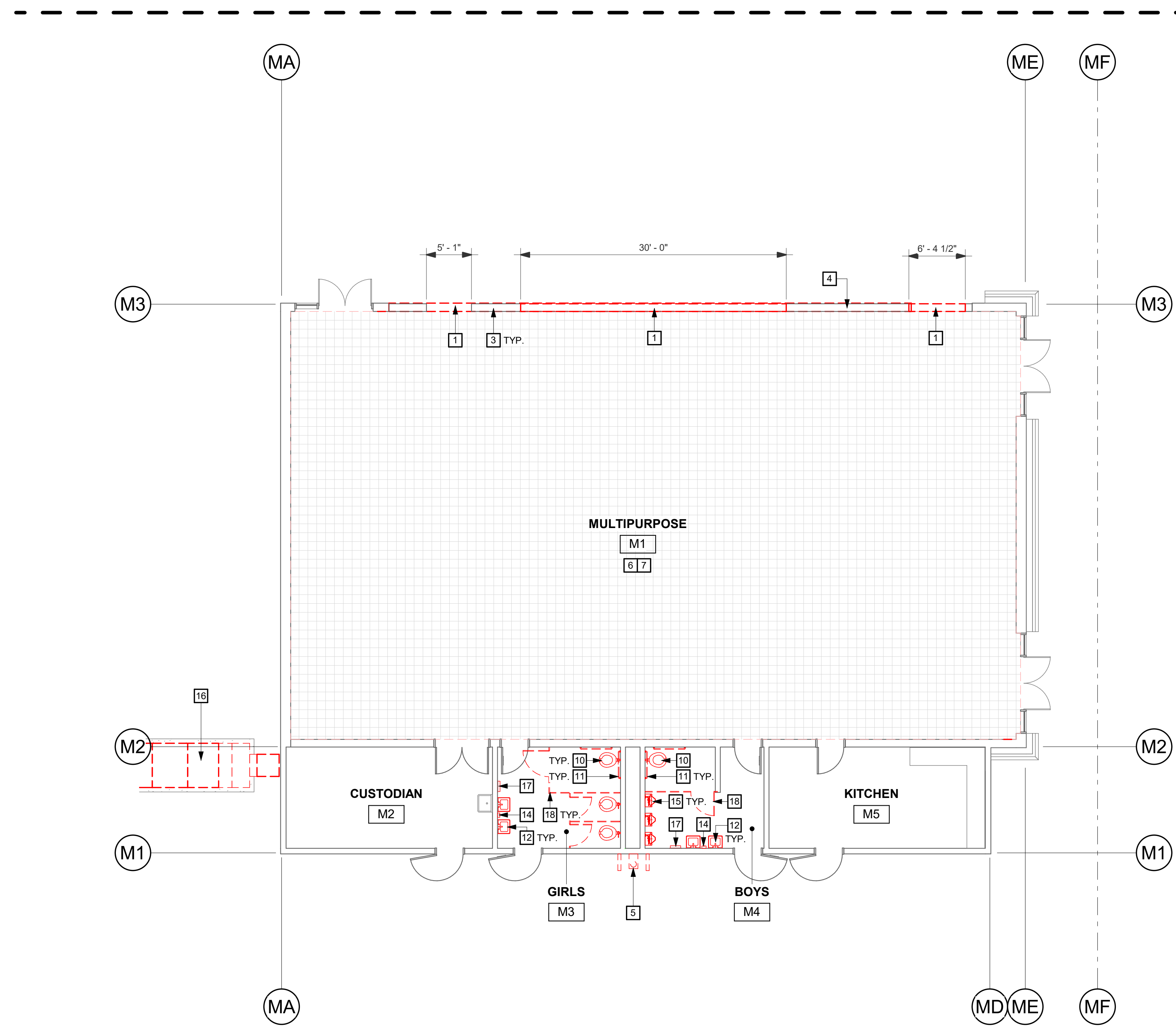
3 BUILDING L DEMO FLOOR PLAN
 SCALE: 1/8" = 1'-0"



2 BLDG. D DEMO FLOOR PLAN - PARTIAL
 SCALE: 1/8" = 1'-0"



2 BUILDING N DEMO FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 BUILDING M DEMO FLOOR PLAN
SCALE: 1/8" = 1'-0"

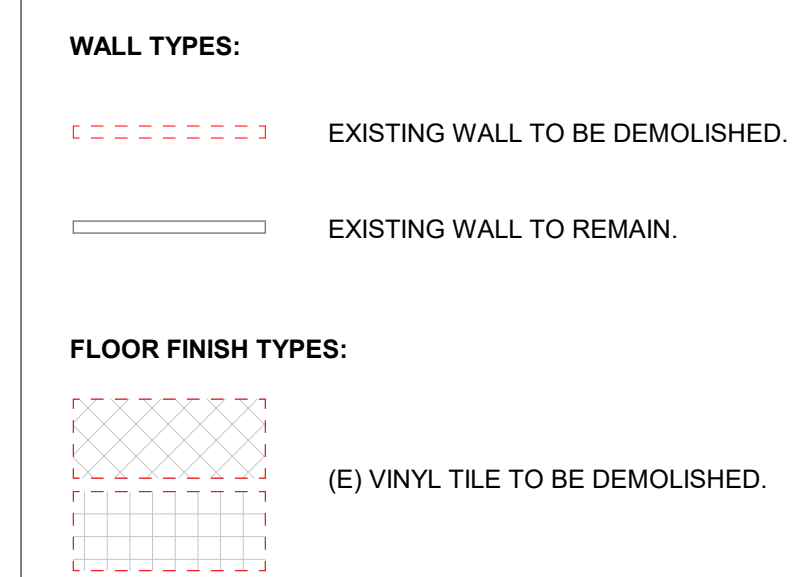
GENERAL SHEET NOTES

- A ROOM NAMES OR NUMBERS MAY NOT BE CONSISTENT BETWEEN DEMOLITION AND NEW FLOOR PLANS.
- B REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR EXTENT OF CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION WORK.
- C VERIFY LIMITS OF DEMOLITION WITH SCOPE OF NEW WORK PRIOR TO COMMENCING WORK.
- D ALL ITEMS SHOWN DASHED ARE TO BE DEMOLISHED UNLESS OTHERWISE NOTED ON PLANS.
- E REMOVE ALL MISCELLANEOUS TRIM, CASEWORK, EQUIPMENT, CONDUIT, BASES, AND OTHER SURFACE MOUNTED ITEMS WHETHER SHOWN OR NOT ON PARTITIONS TO RECEIVE WORK. REMOVE AND CAP ALL OUTLETS, SWITCHES, WIRES, THERMOSTATS, ETC. TO THEIR SOURCE AS REQUIRED. SEE CONSULTANT'S DRAWINGS FOR ADDITIONAL INFORMATION AND SCOPE OF WORK.
- F AT CEILINGS TO BE REMOVED, REMOVE ALL CEILINGS, SOFFITS, RELATED SUPPORT SYSTEMS AND ACCESSORIES, AND CEILING MOUNTED ITEMS. COORDINATE WITH MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
- G ALL FLOORING MATERIALS ARE TO BE REMOVED TO TOP OF EXISTING SUBFLOOR OR SLAB BY MECHANICAL MEANS U.G.N. REVIEW SECTION 024113 AS APPLICABLE. TOP OF EXISTING SUBFLOOR OR SLAB TO BE LEFT SMOOTH, CLEAN, AND FREE OF ALL ADHESIVE AND READY FOR INSTALLATION OF NEW FLOORING.
- H EXISTING EQUIPMENT INDICATED TO BE RELOCATED PER NEW PLAN IS TO BE STORED AND PROTECTED DURING CONSTRUCTION.

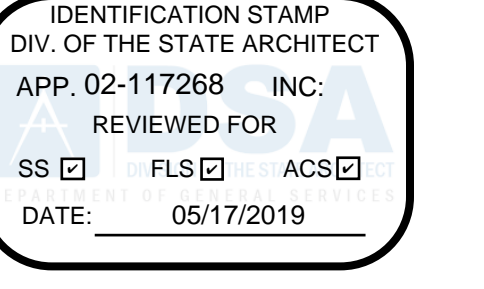
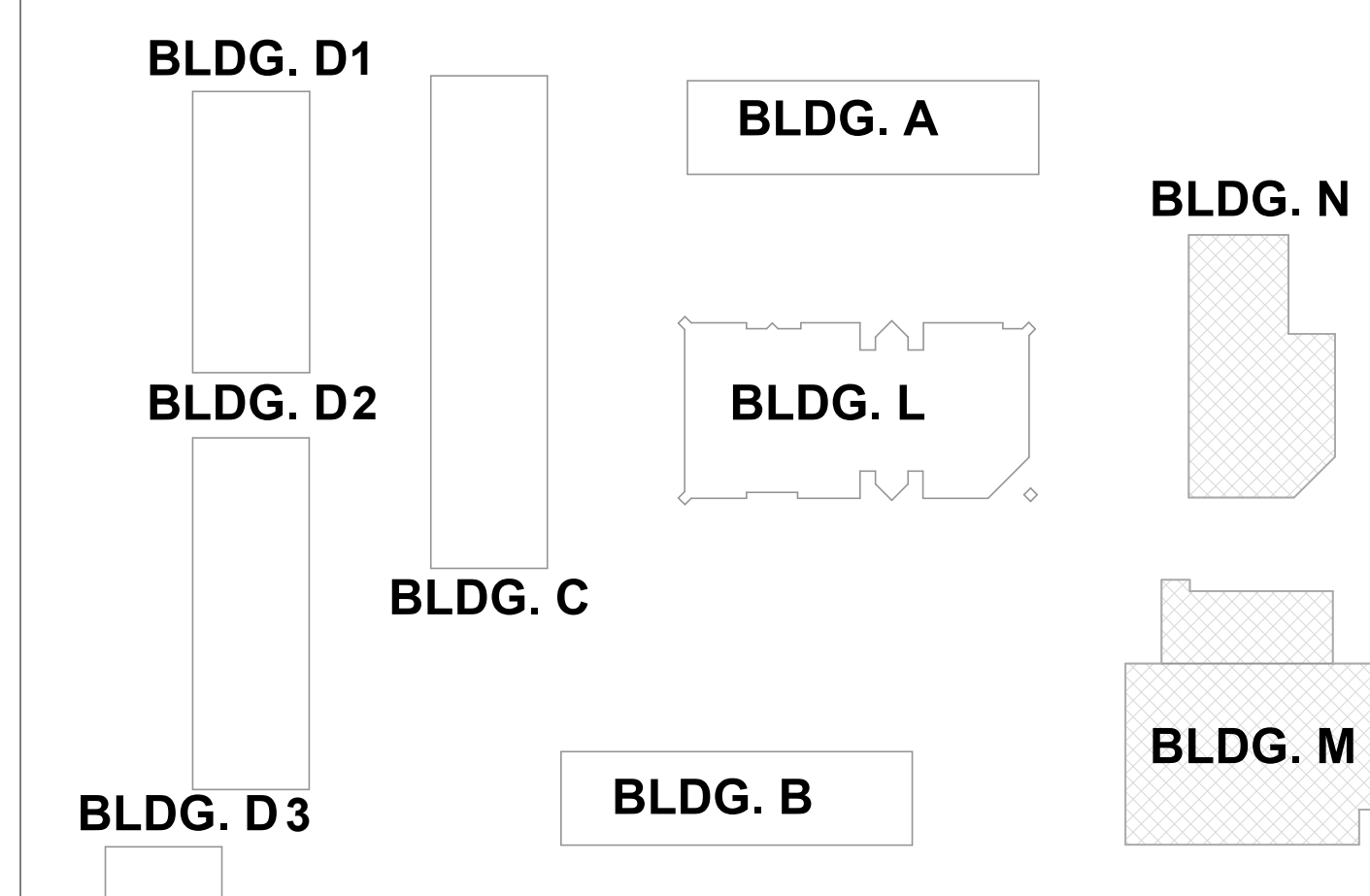
DEMOLITION FLOOR PLAN KEYNOTES

- 1 DEMO (E) WALLS AS SHOWN. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION
- 2 DEMO (E) WAINSCOT TO GYP. BD. WALL AND FLOORING. PREPARE FOR (N) WORK
- 3 DEMO (E) FINISH TO STUD AS REQUIRED FOR (N) WORK
- 4 DEMO (E) WALL FINISH TO SHEATHING AS REQUIRED FOR (N) WORK
- 5 DEMO (E) DRINKING FOUNTAIN, WIND WALLS, AND FINISH AS REQUIRED FOR (N) WORK
- 6 DEMO (E) GLUE-UP CEILING TILE & PREPARE GRID FOR (N) WORK
- 7 DEMO (E) FLOORING TO SLAB
- 8 DEMO (E) EXTERIOR WINDOW AS REQUIRED FOR (N) DOOR
- 9 DEMO (E) URINAL SCREEN AND ASSOCIATED HARDWARE. TYP.
- 10 DEMO (E) TOILET FIXTURE & PREPARE TO RECEIVE (N). SEE PLUMBING DRAWINGS FOR MORE INFORMATION
- 11 DEMO (E) GRAB BAR. TYP.
- 12 DEMO (E) SINK & PREPARE TO RECEIVE (N). SEE PLUMBING DRAWINGS FOR MORE INFORMATION
- 13 DEMO (E) PAPER TOWEL DISPENSER.
- 14 DEMO (E) SOAP DISPENSER. TYP.
- 15 DEMO (E) URINAL & PREPARE TO RECEIVE (N). SEE PLUMBING DRAWINGS FOR MORE INFORMATION
- 16 DEMO (E) MECHANICAL UNIT. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION
- 17 DEMO (E) PAPER TOWEL DISPENSER AND WASTE RECEPTACLE. TYP.
- 18 DEMO (E) TOILET PARTITION AND HARDWARE FOR REINSTALLATION AS SHOWN ON (N) PLANS. TYP.
- 19 DEMO (E) TOILET PARTITION AND HARDWARE AND PREPARE TO RECEIVE (N)
- 20 REMOVE (E) FIRE EXTINGUISHER. PROTECT & PREP FOR RE-INSTALLATION

GRAPHIC KEY

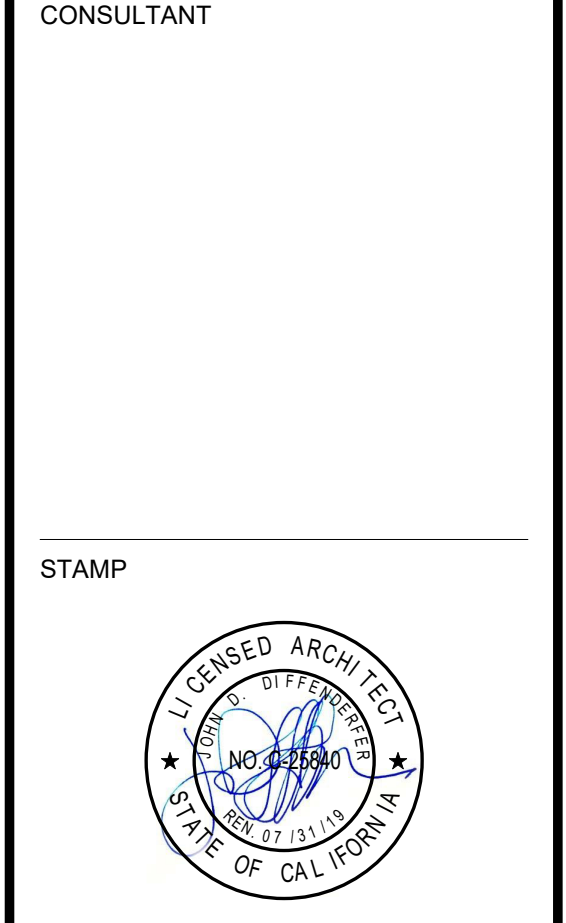


BUILDING KEY



aedis
architects
www.aedisarchitects.com
387 S. 1st Street, Suite 300
San Jose, CA 95113
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fax: (408)-300-5121

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019
Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT



CONSULTANT

STATE

REVISIONS

No.	Description	Date
△		

MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

SHEET

DEMOLITION FLOOR PLAN - BUILDINGS M & N

DATE 05/09/2019
JOB # 2018045
SHEET # **A2.41**

GENERAL SHEET NOTES

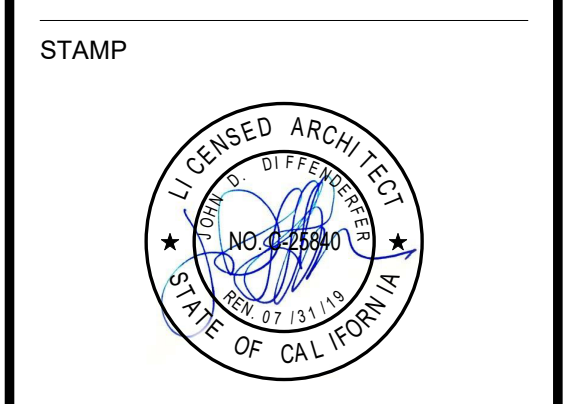
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- G PROVIDE WALL BLOCKING AT ALL TOILET FIXTURE AND ACCESSORY MOUNTING LOCATIONS. SEE TYPICAL BACKINGS AND BLOCKING DETAILS.
- H REFER TO FLOOR PLANS AND WALL TYPE DETAILS FOR IDENTIFICATION OF ALL WALL TYPES.
- I DIMENSIONS FOR EXISTING BUILDING ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO START OF CONSTRUCTION.



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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019

 Grass Valley School District
 GRASS VALLEY SCHOOL DISTRICT
 CONSULTANT



STATE

REVISIONS

No.	Description	Date
△		

MILESTONES

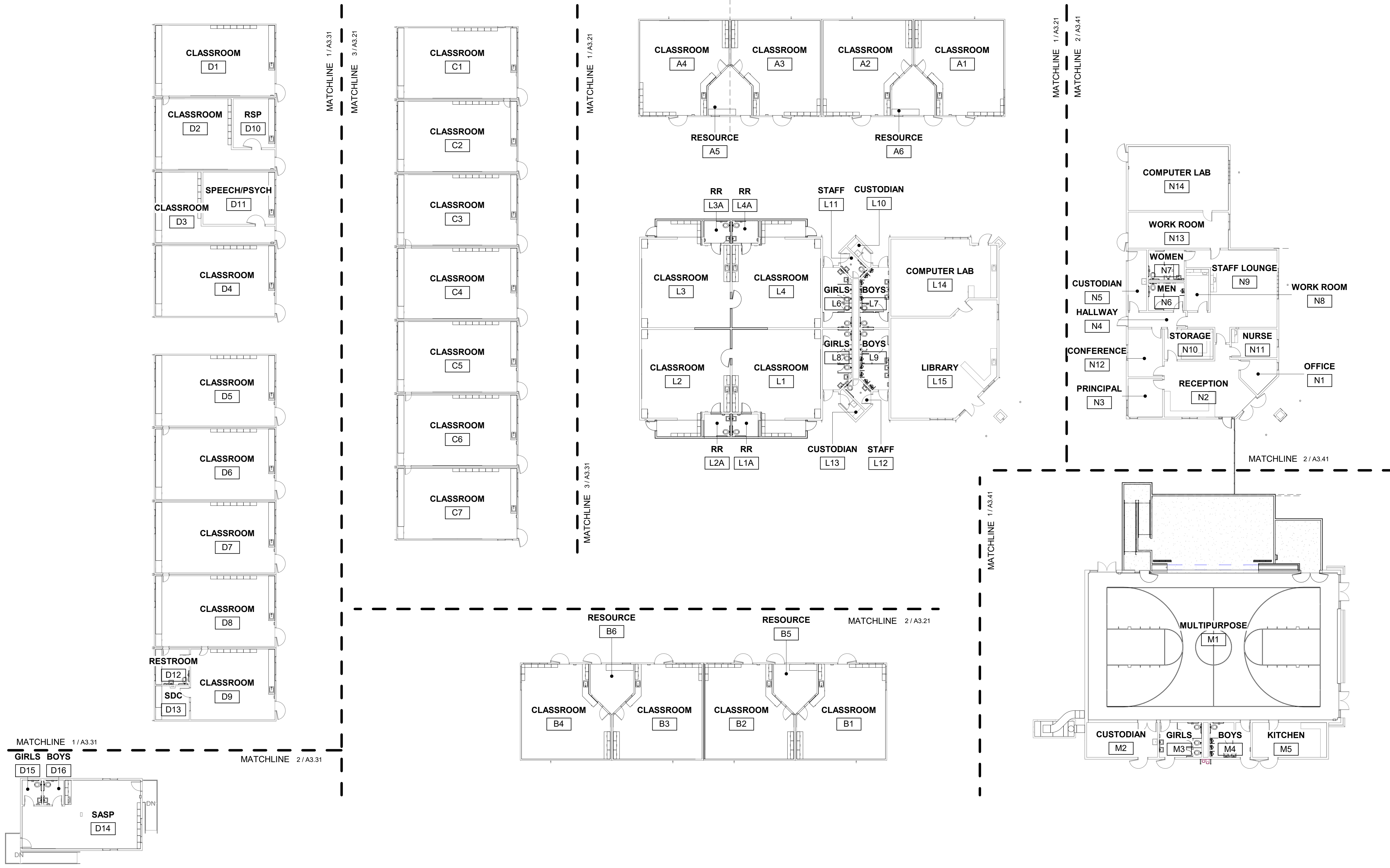
SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

SHEET

OVERALL NEW FLOOR PLAN

DATE 05/09/2019
 JOB # 2018045
 SHEET #

A3.11

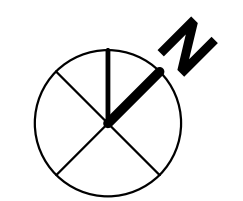
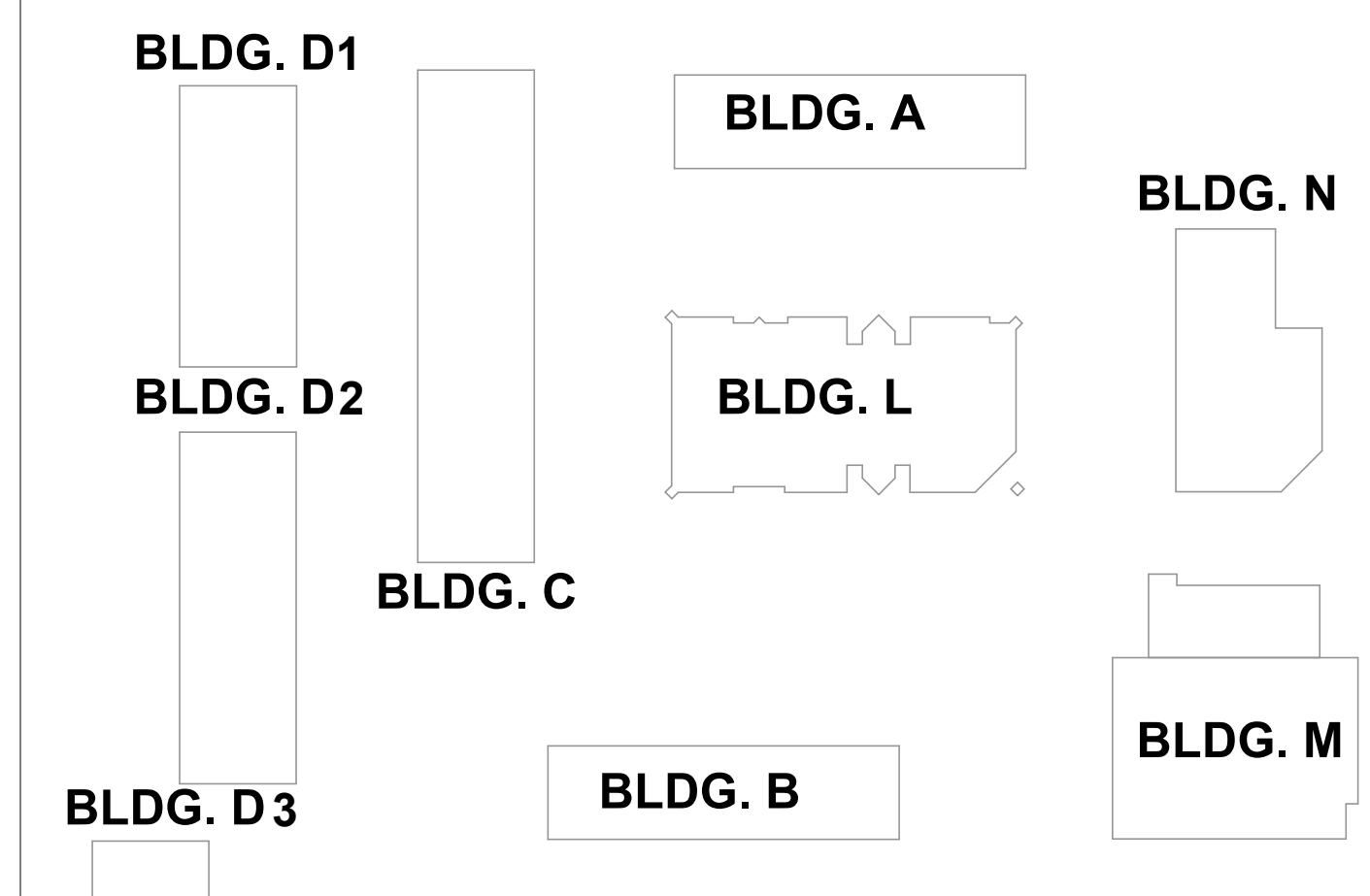


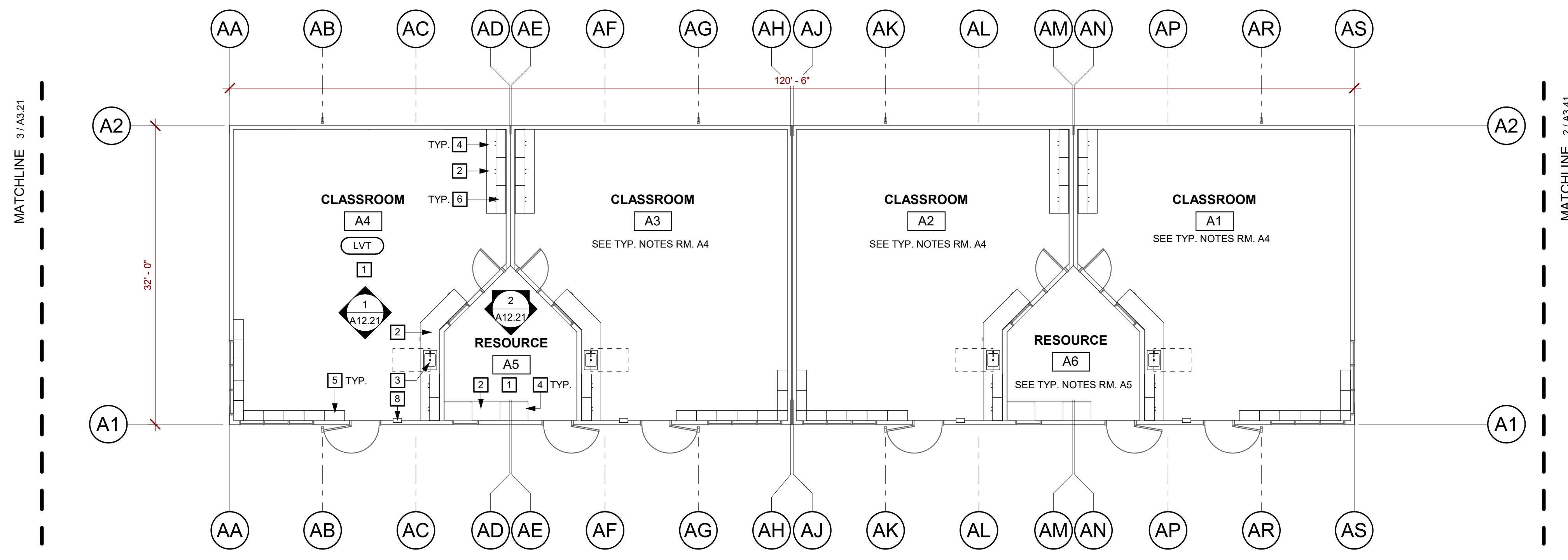
1 OVERALL FLOOR PLAN
 SCALE: 1/16" = 1'-0"

GRAPHIC KEY

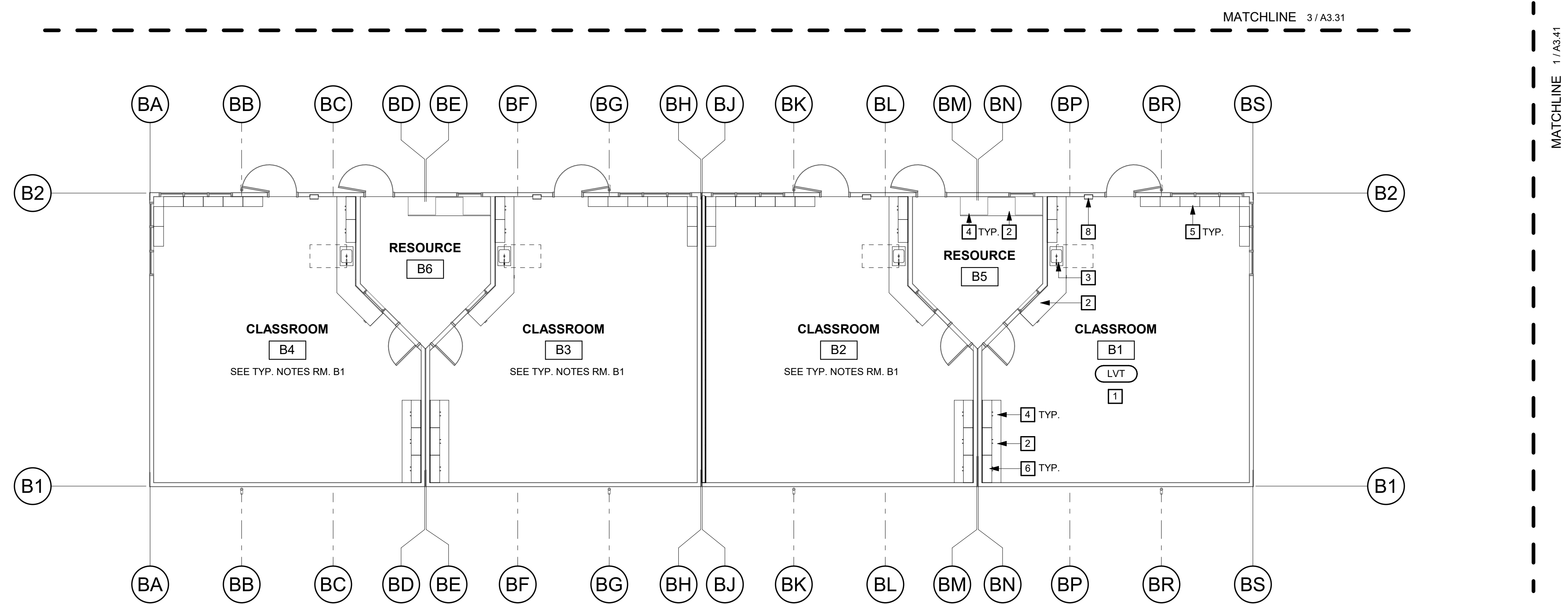
- WALL TYPES:
- EXISTING WALL TO REMAIN.
 - WALL TYPE. REFER TO SHEET A8.01 FOR WALL TYPE DESCRIPTION, FIRE RATING LISTING, AND SOUND RATING WHERE APPLICABLE, TYP.
 - STUD WALL.
 - 2HR AREA SEPARATION WALL. SEE TYPICAL FIRE BARRIER PROTECTION STENCIL DETAIL.
- FIXTURE TYPES:
- FULLY RECESSED FIRE EXTINGUISHER CABINET.
 - SEMI RECESSED FIRE EXTINGUISHER CABINET.
 - SURFACE MOUNTED FIRE EXTINGUISHER CABINET.

BUILDING KEY

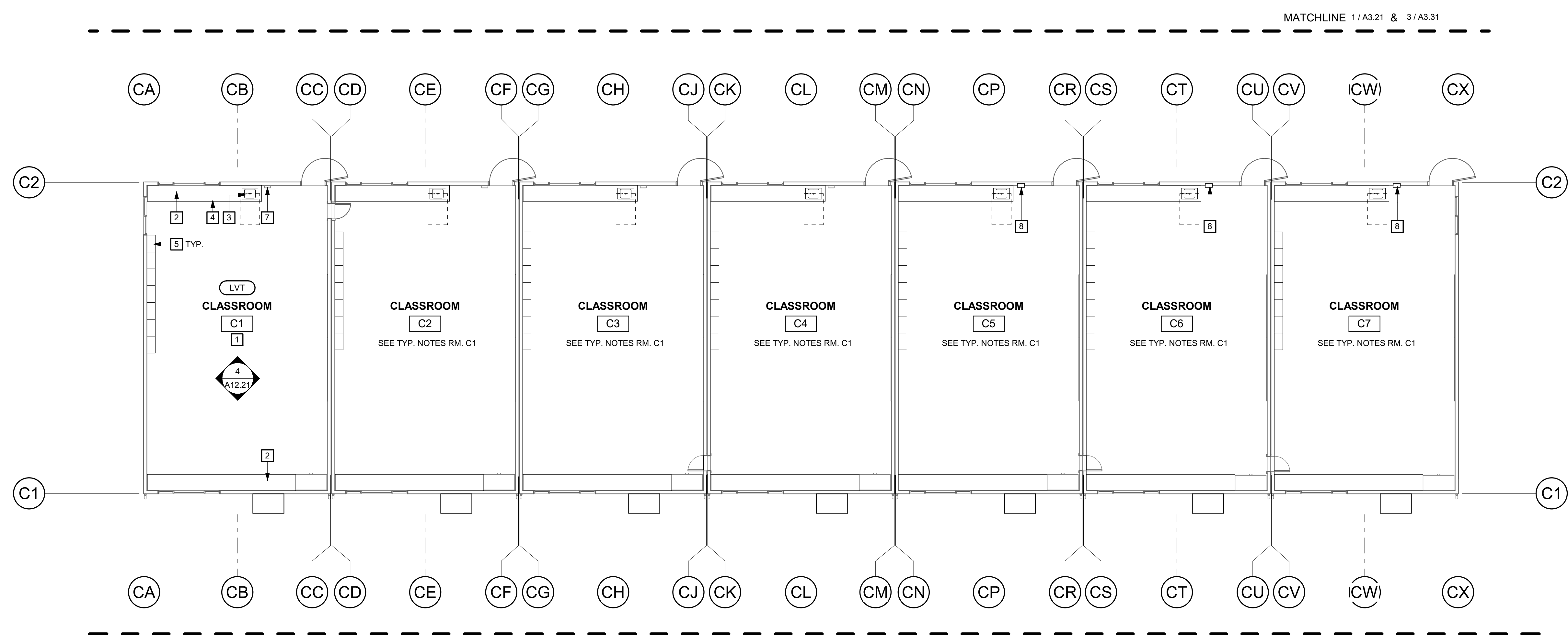




1 BUILDING A FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 BUILDING B FLOOR PLAN
SCALE: 1/8" = 1'-0"



3 BUILDING C FLOOR PLAN
SCALE: 1/8" = 1'-0"

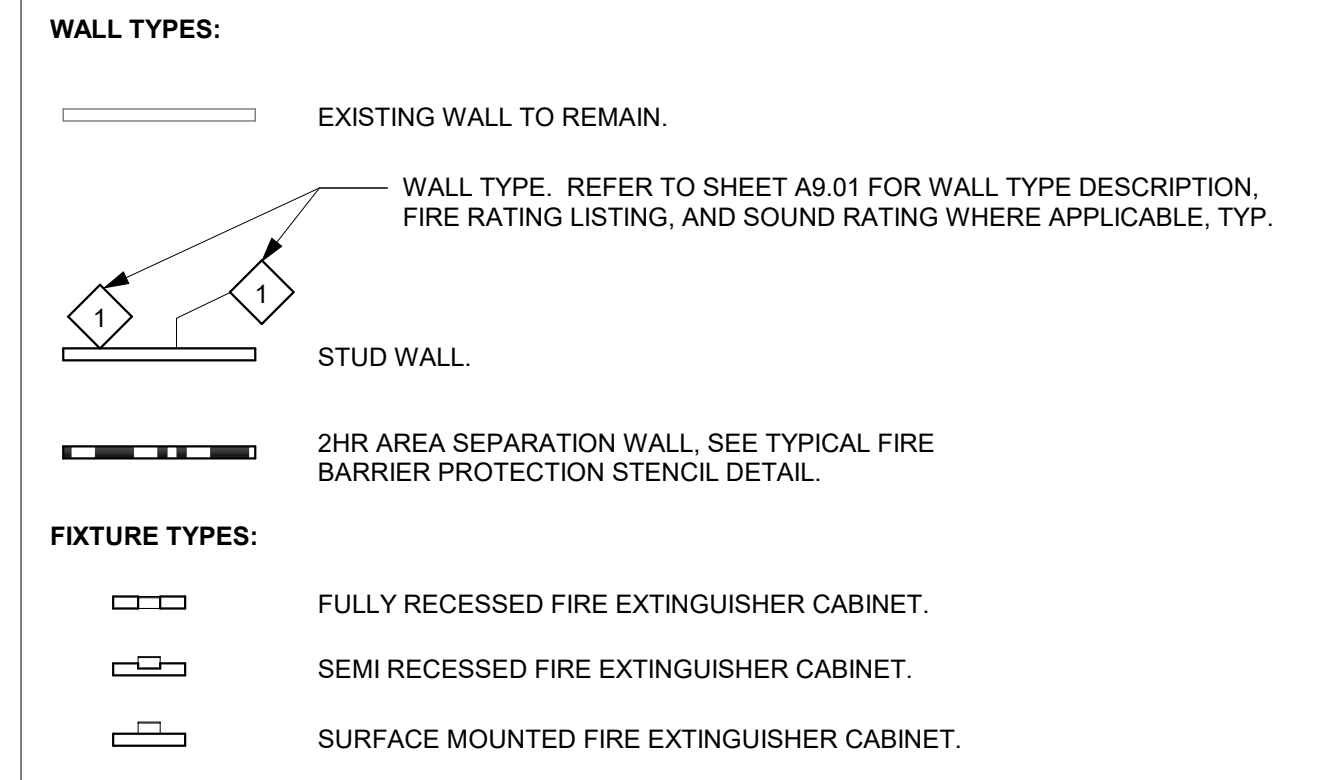
GENERAL SHEET NOTES

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- I DIMENSIONS FOR EXISTING BUILDING ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO START OF CONSTRUCTION.

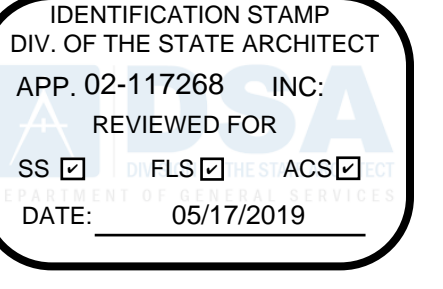
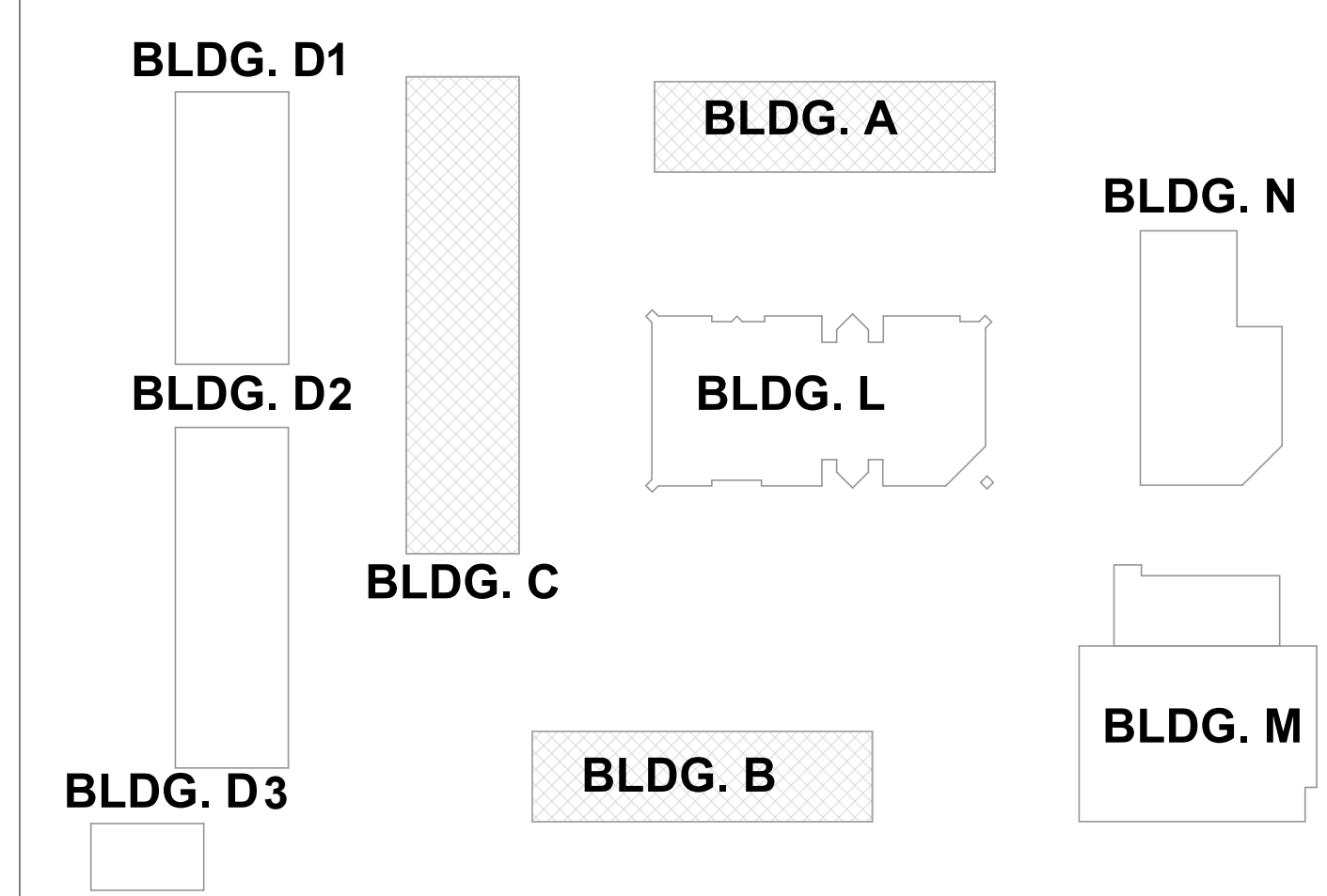
NEW FLOOR PLAN KEYNOTES

- 1 (N) LVT FLOORING. SEE SPECS FOR MORE INFORMATION.
- 2 (N) COUNTERTOP.
- 3 (N) SINK, TYP. CONNECT TO (E) PLUMBING. SEE DETAIL 1/A11.10 & PLUMBING DRAWINGS FOR MORE INFORMATION.
- 4 (N) LAMINATE ON (E) CABINET BODY. PROVIDE AND INSTALL NEW DOORS AND DRAWER FRONTS, TYP.
- 5 (N) BUILT-IN CUBBIES.
- 6 (N) UPPER CABINETS.
- 7 (E) SURFACE MOUNTED FIRE EXTINGUISHER CABINET.
- 8 (E) FIRE EXTINGUISHER INSTALLED IN (N) SEMI-RECESSED CABINET.

GRAPHIC KEY

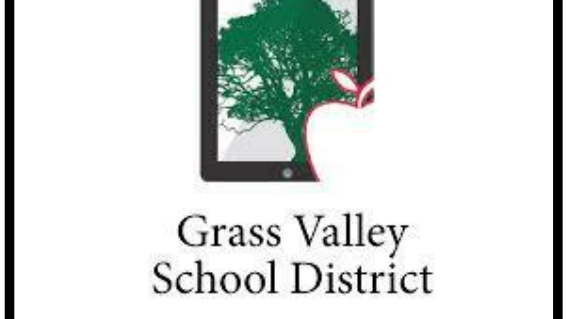


BUILDING KEY



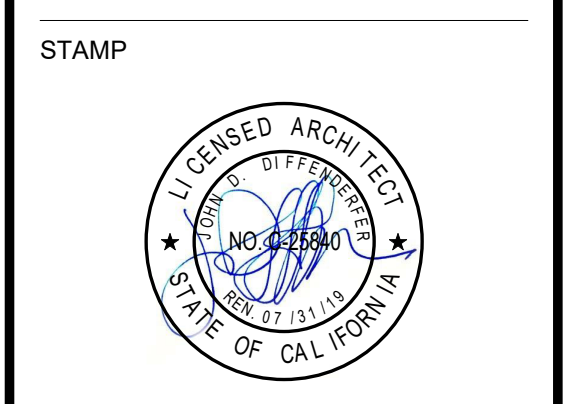
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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



GRASS VALLEY SCHOOL DISTRICT

CONSULTANT



STATE

REVISIONS

No.	Description	Date
1		

MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

SHEET
NEW FLOOR PLANS - BUILDINGS A, B & C

DATE: 05/09/2019
JOB #: 2018045
SHEET #

A3.21

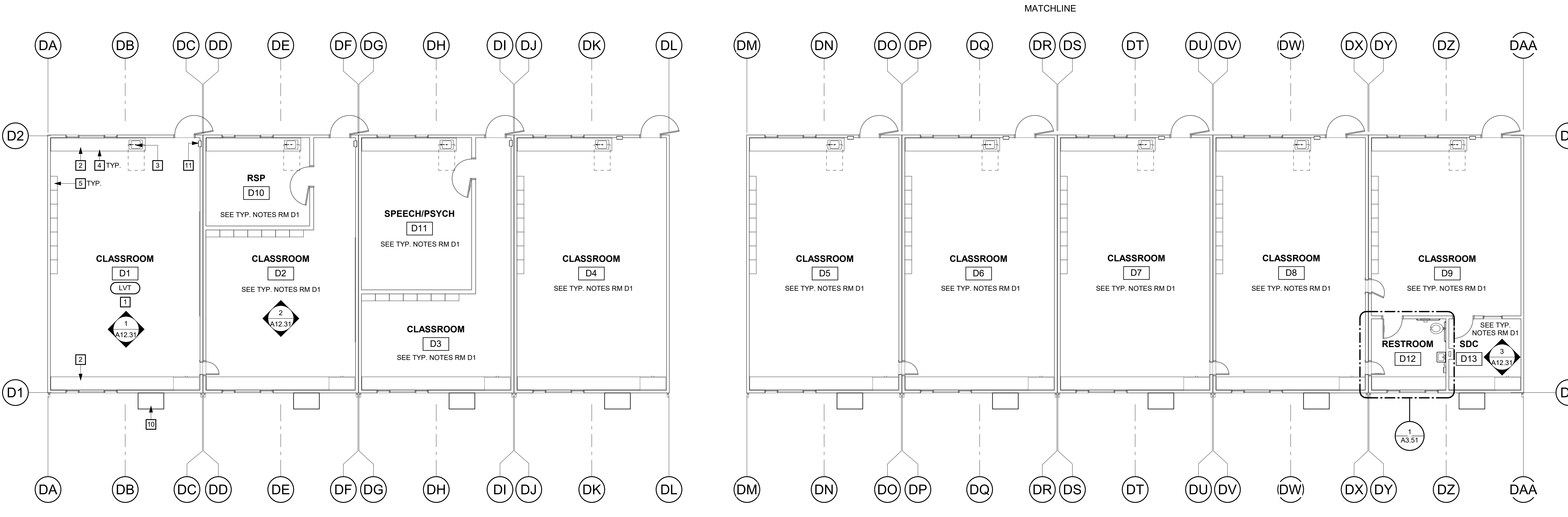
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GENERAL SHEET NOTES

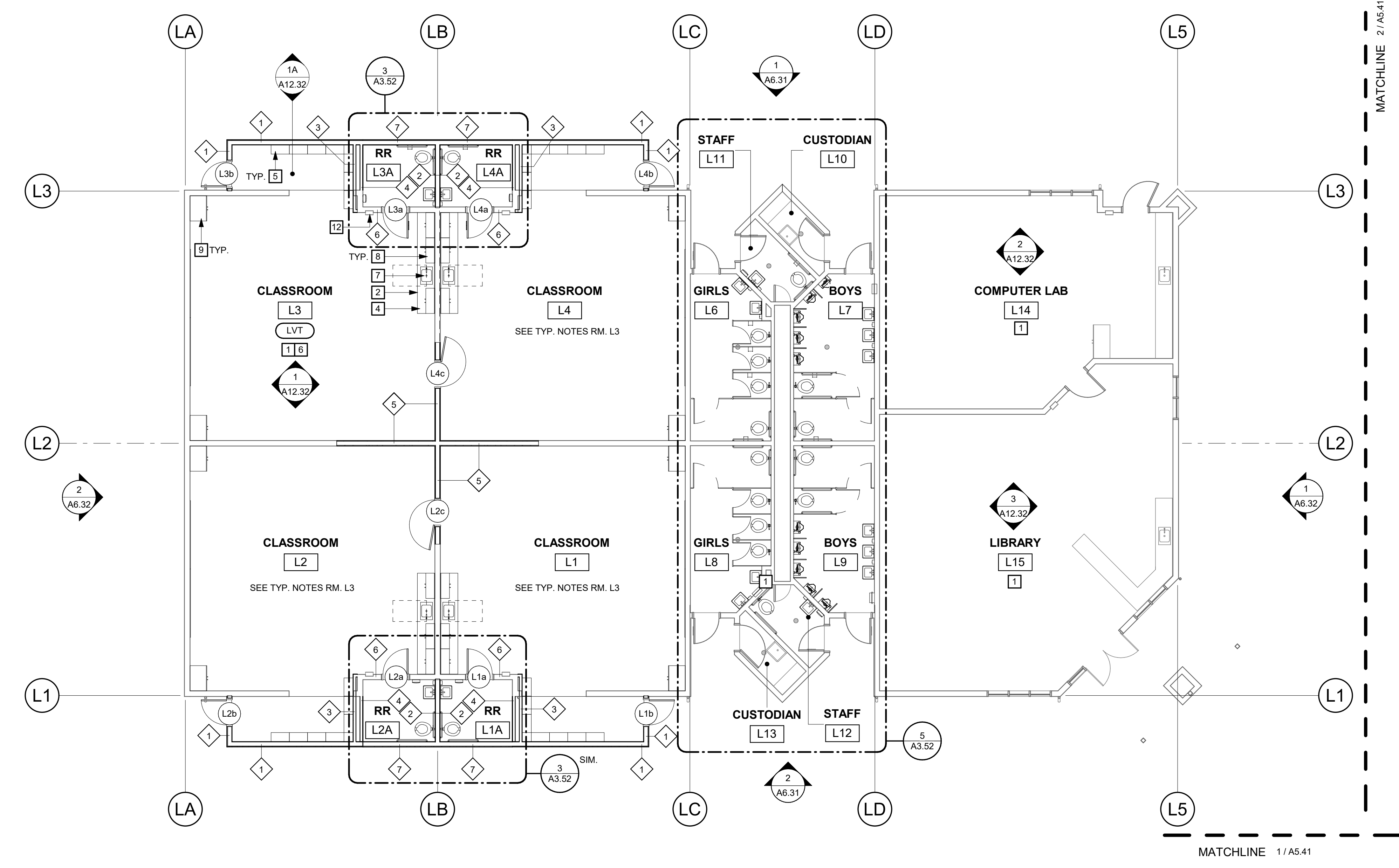
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- H REFER TO FLOOR PLANS AND WALL TYPE DETAILS FOR IDENTIFICATION OF ALL WALL TYPES.
- I DIMENSIONS FOR EXISTING BUILDING ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO START OF CONSTRUCTION.

NEW FLOOR PLAN KEYNOTES

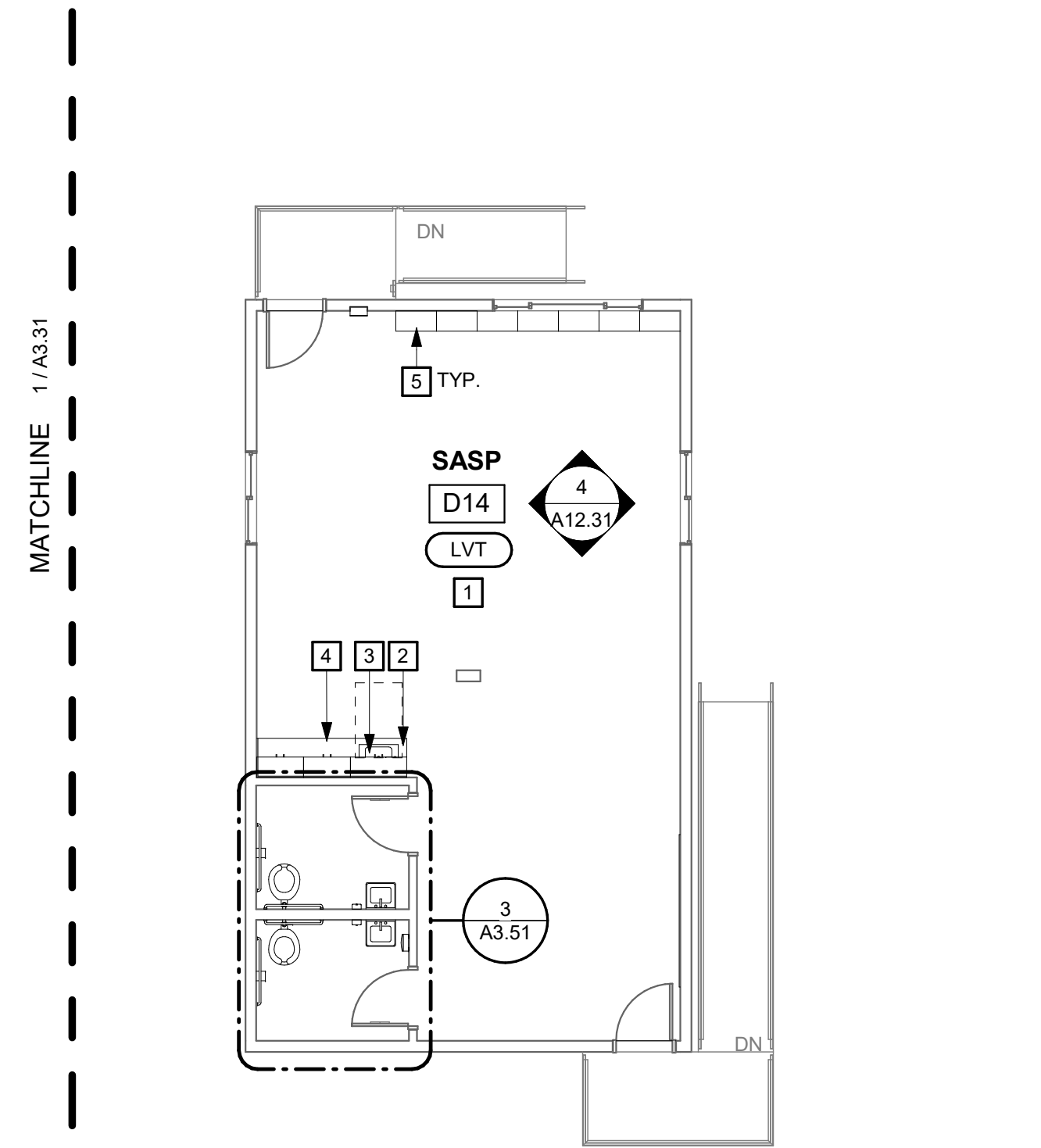
- 1 (N) LVT FLOORING. SEE SPECS FOR MORE INFORMATION
- 2 (N) COUNTERTOP
- 3 (N) ACCESSIBLE SINK AND BASE CABINET. SEE DETAIL 1/1A11.10 & PLUMBING DRAWINGS FOR MORE INFORMATION
- 4 (N) LAMINATE ON (E) CABINET BODY. PROVIDE AND INSTALL NEW DOORS AND DRAWER FRONTS, TYP.
- 5 (N) BUILT-IN CUBBIES
- 6 (N) TACKABLE WALL
- 7 (N) SINK, TYP. CONNECT TO (E) PLUMBING. SEE DETAIL 1/A11.10 & PLUMBING DRAWINGS FOR MORE INFORMATION
- 8 (N) UPPER CABINETS
- 9 (2) (N) TALL CABINETS
- 10 (N) MECH UNIT. SEE MECH DRAWINGS
- 11 (E) FIRE EXTINGUISHER INSTALLED IN (N) SEMI-RECESSED CABINET
- 12 (E) SEMI-RECESSED FIRE EXTINGUISHER CABINET



1 BUILDING D FLOOR PLAN - PARTIAL
 SCALE: 1/8" = 1'-0"



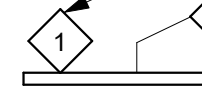


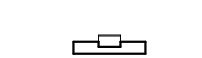
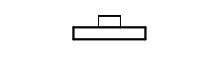


3 BUILDING L FLOOR PLAN
 SCALE: 1/8" = 1'-0"

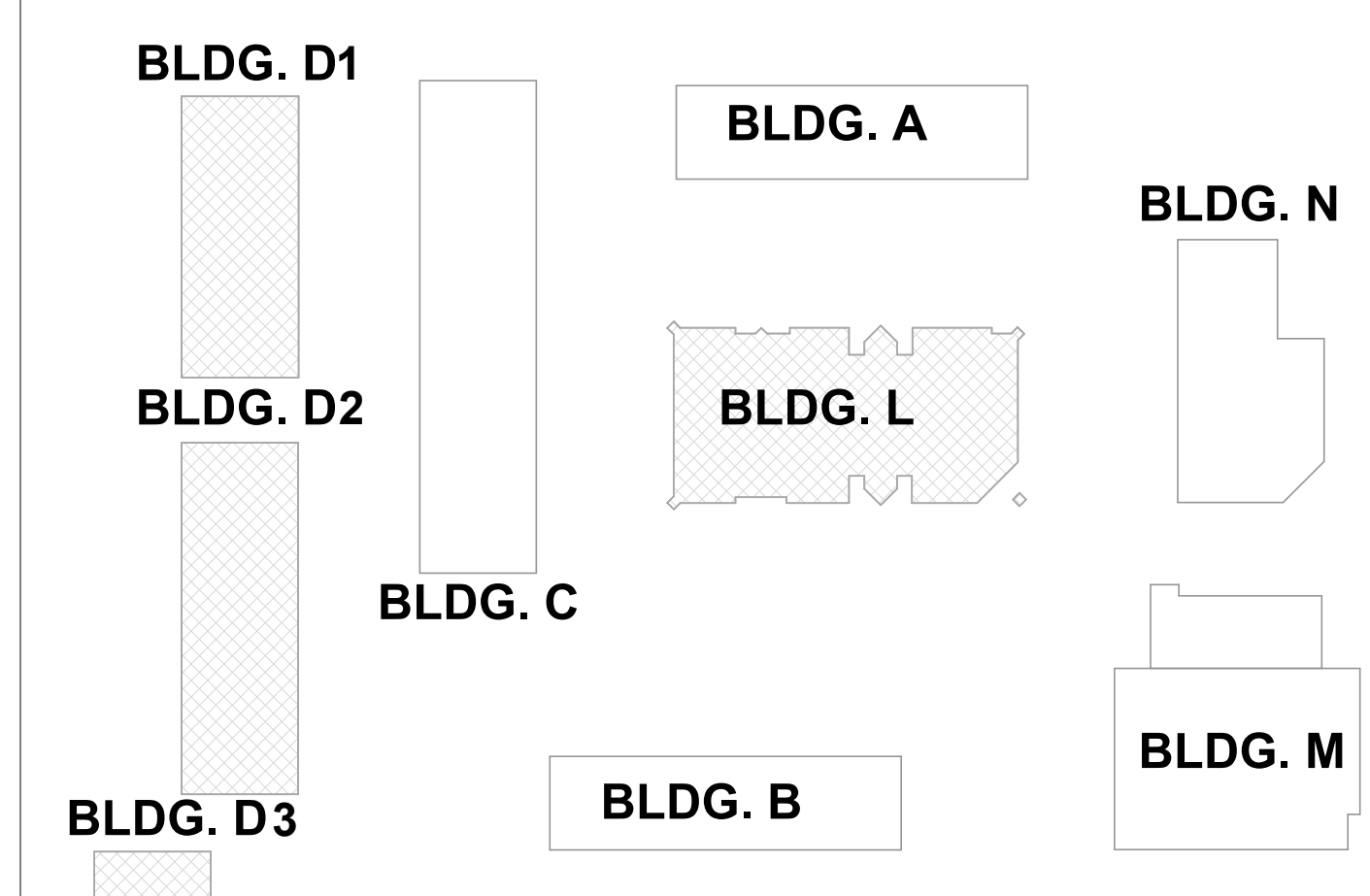


2 BUILDING D FLOOR PLAN - PARTIAL
 SCALE: 1/8" = 1'-0"

GRAPHIC KEY

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 -  WALL TYPE. REFER TO SHEET A8.01 FOR WALL TYPE DESCRIPTION, FIRE RATING LISTING, AND SOUND RATING WHERE APPLICABLE, TYP.
 -  STUD WALL.
 -  2HR AREA SEPARATION WALL. SEE TYPICAL FIRE BARRIER PROTECTION STENCIL DETAIL.
- FIXTURE TYPES:**
-  FULLY RECESSED FIRE EXTINGUISHER CABINET.
 -  SEMI RECESSED FIRE EXTINGUISHER CABINET.
 -  SURFACE MOUNTED FIRE EXTINGUISHER CABINET.

BUILDING KEY



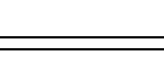

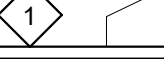
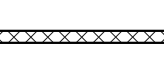
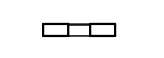


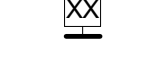
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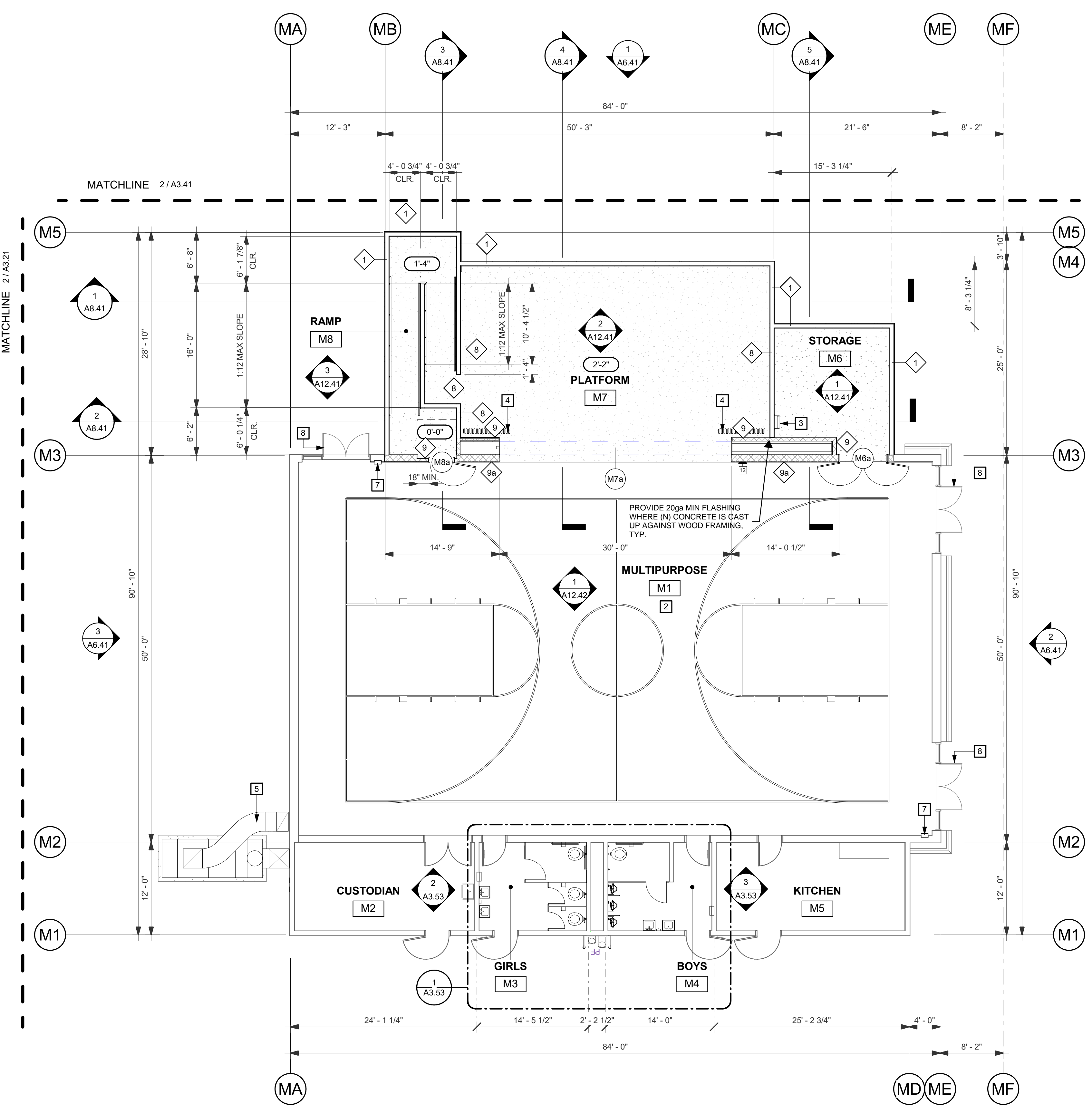
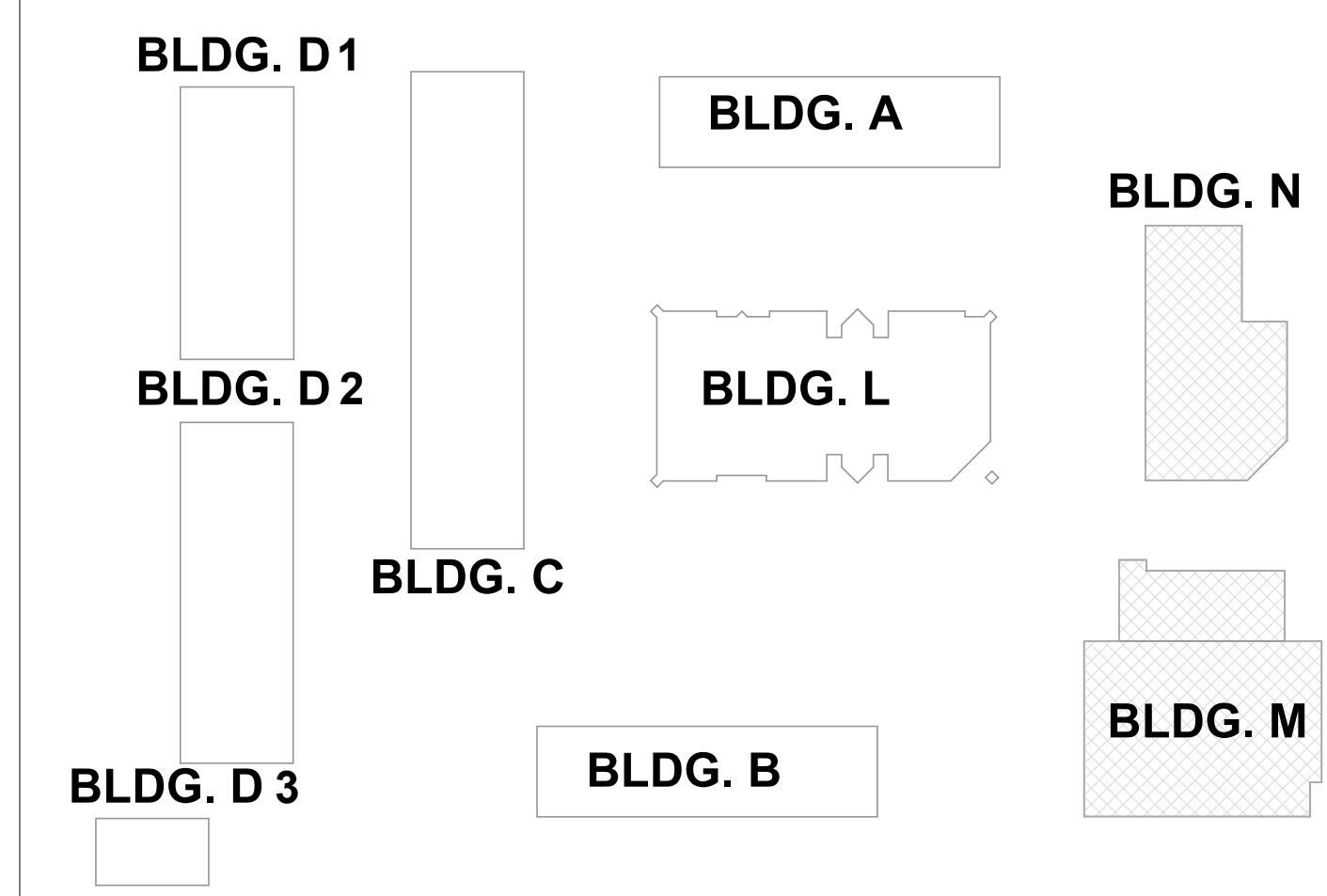
NEW FLOOR PLAN KEYNOTES

- 1 (N) LVT FLOORING. SEE SPECS FOR MORE INFORMATION
- 2 (N) RUBBER SPORTS FLOORING
- 3 (N) ROOF LADDER
- 4 CURTAINS. REFER TO DETAIL 14/A11.10 AND SPECIFICATIONS
- 5 (N) MECH UNIT. SEE MECH DRAWINGS
- 6 (E) FULLY RECESSED FIRE EXTINGUISHER CABINET
- 7 (E) FIRE EXTINGUISHER INSTALLED IN (N) SEMI-RECESSED CABINET
- 8 (E) ACCESSIBLE DOOR AND HARDWARE

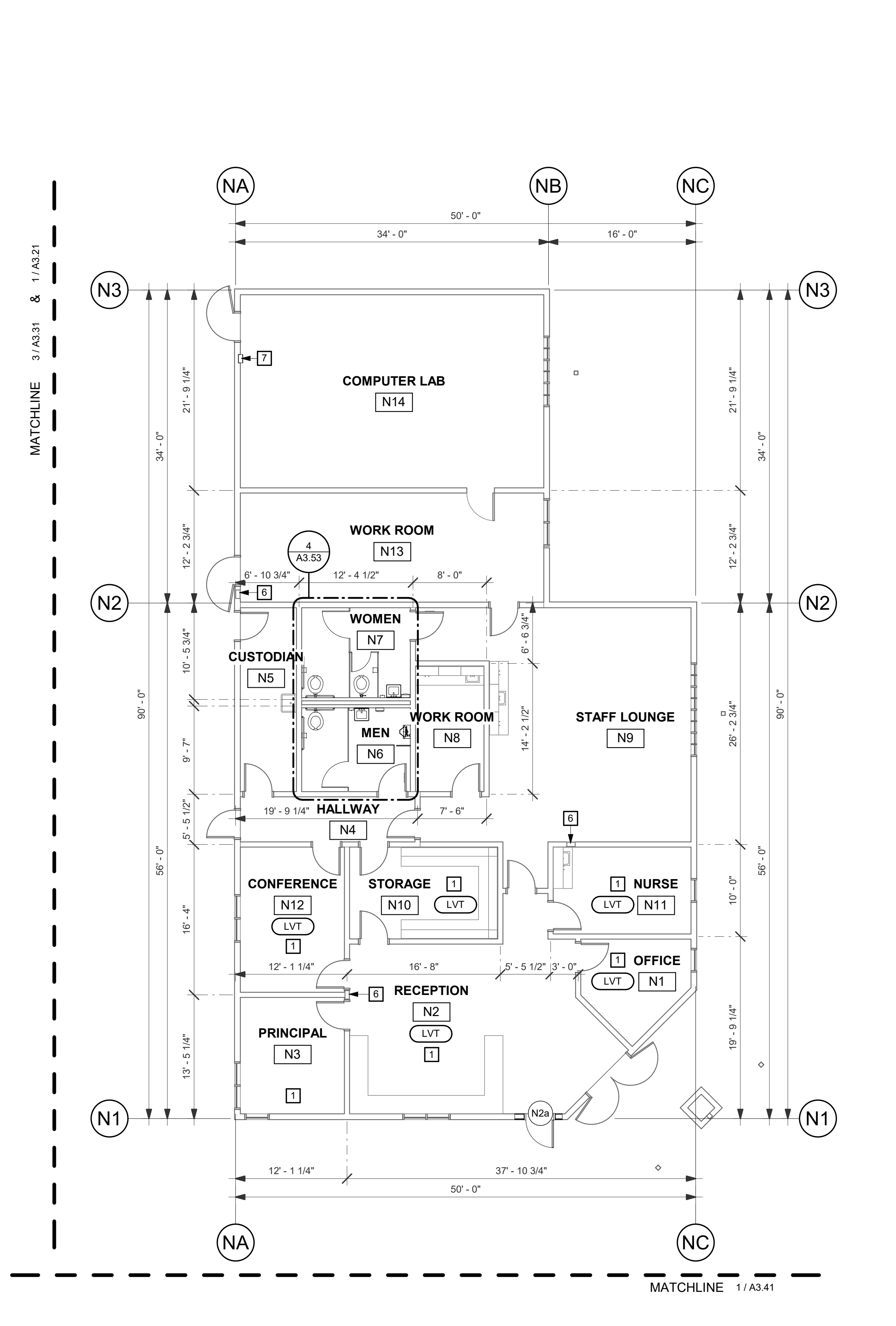
GRAPHIC KEY

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 -  WALL TYPE. REFER TO SHEET A9.01 FOR WALL TYPE DESCRIPTION, FIRE RATING LISTING, AND SOUND RATING WHERE APPLICABLE, TYP.
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 -  2HR AREA SEPARATION WALL. SEE TYPICAL FIRE BARRIER PROTECTION STENCIL DETAIL.
- FIXTURE TYPES:**
-  FULLY RECESSED FIRE EXTINGUISHER CABINET.
 -  SEMI RECESSED FIRE EXTINGUISHER CABINET.
 -  SURFACE MOUNTED FIRE EXTINGUISHER CABINET.
 -  SIGNAGE. REFER TO TYPICAL SIGNAGE DETAIL.

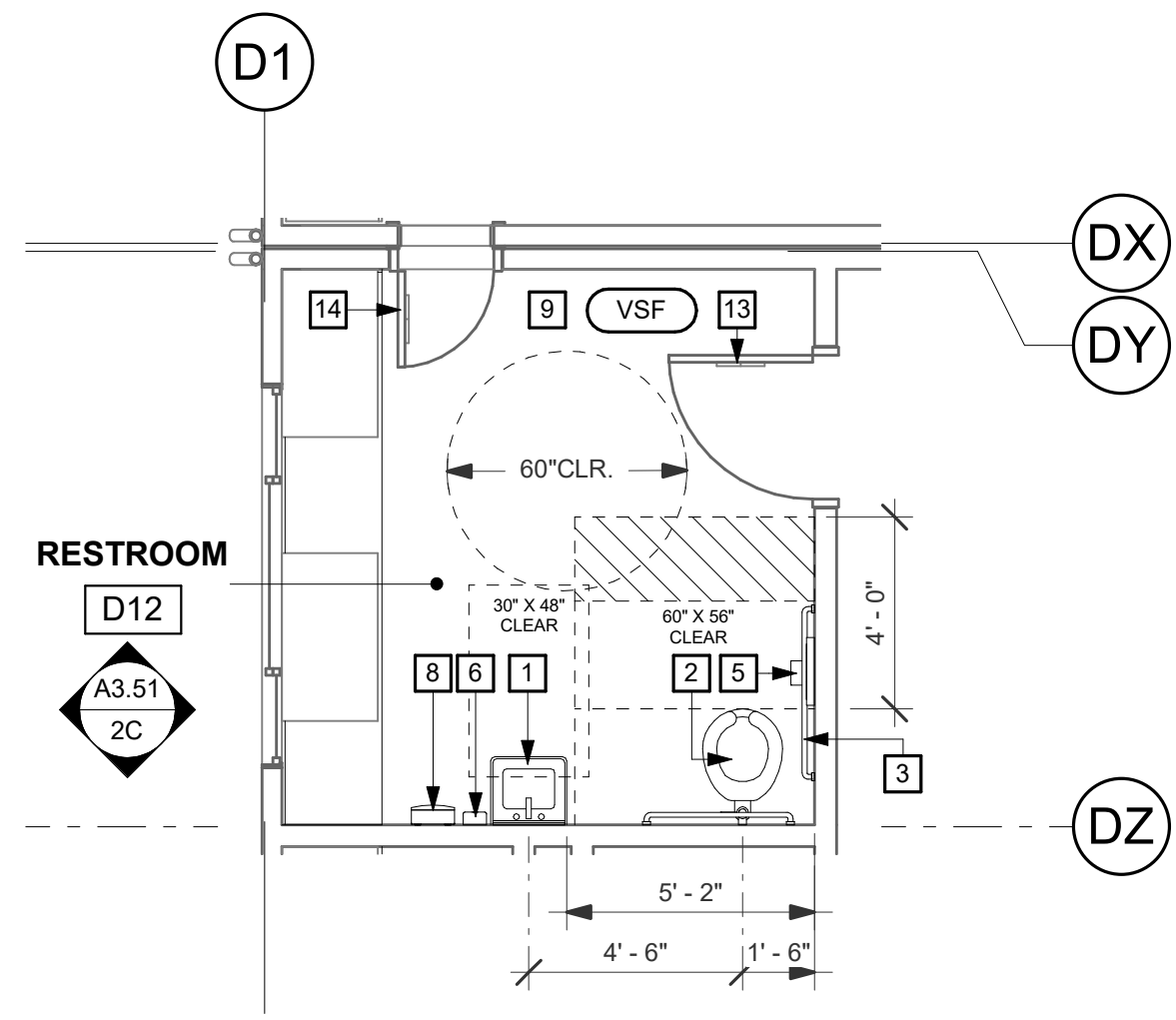
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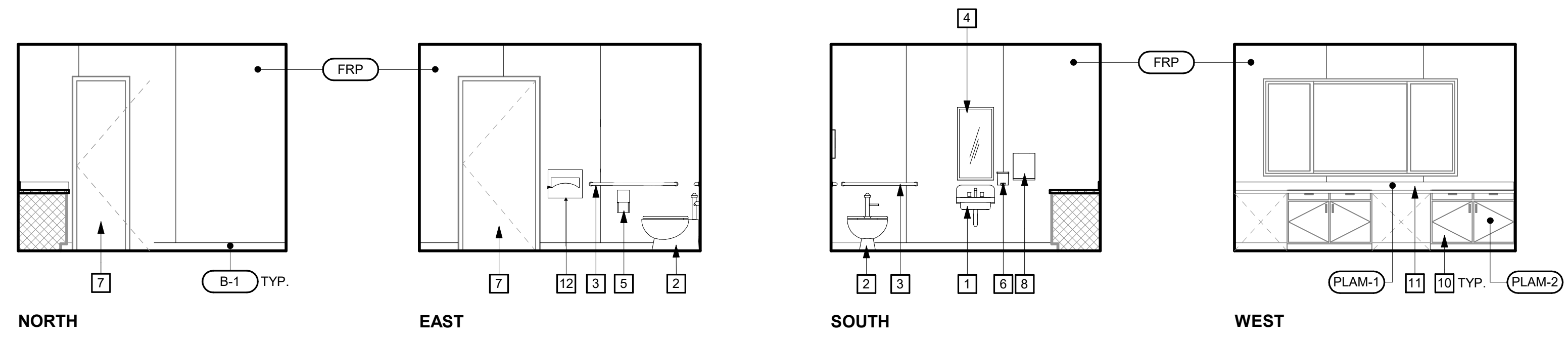
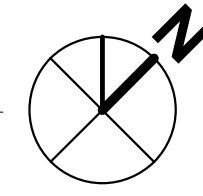
1 BUILDING M FLOOR PLAN
 SCALE: 1/8" = 1'-0"



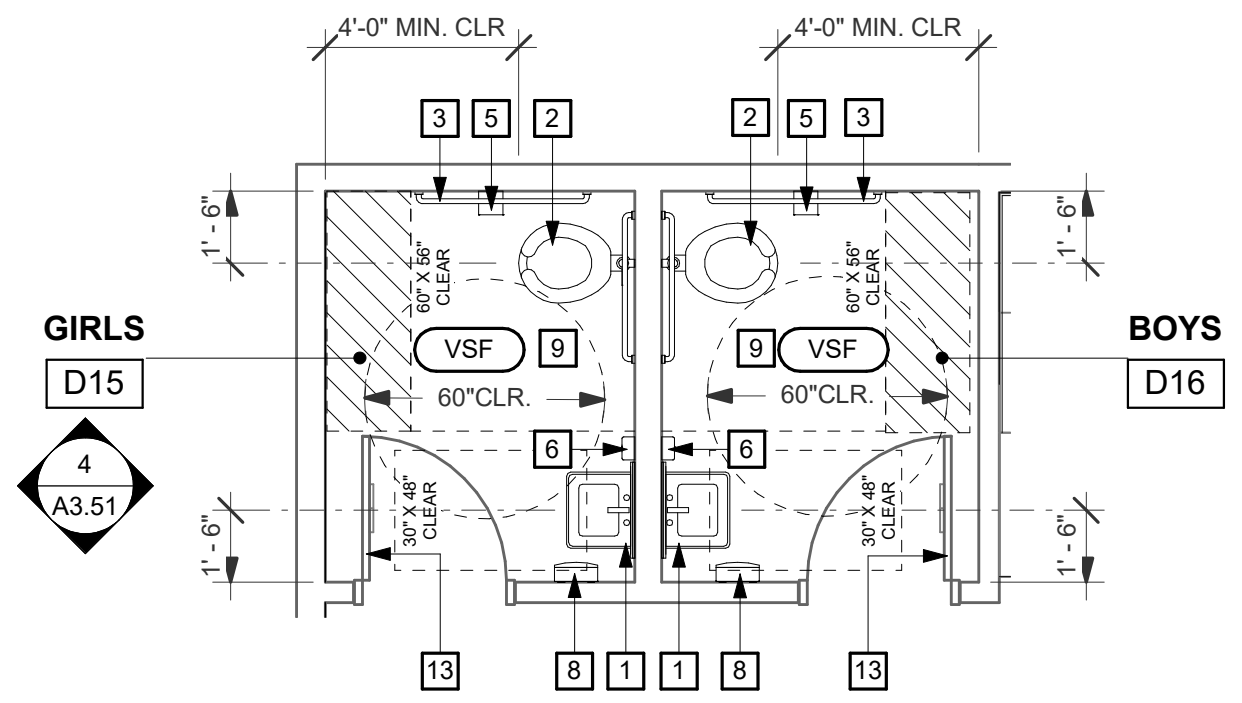
2 BUILDING N FLOOR PLAN
 SCALE: 1/8" = 1'-0"



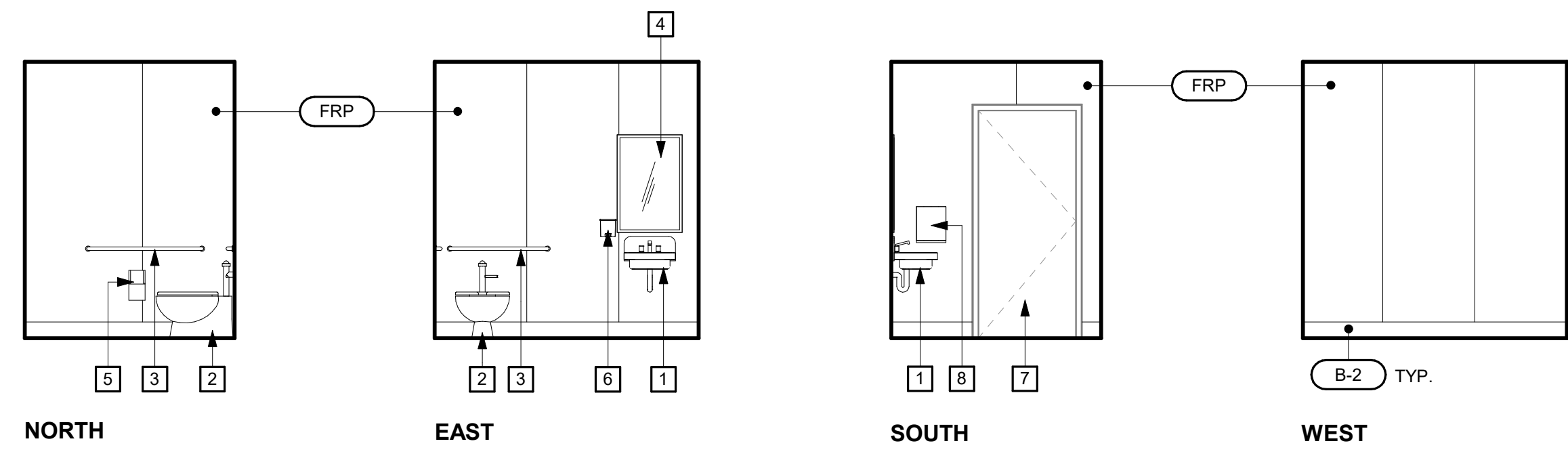
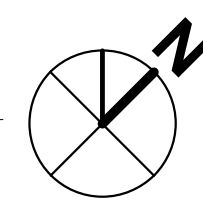
1 ENLARGED RESTROOM PLAN - D12 RESTROOM
SCALE: 1/4" = 1'-0"



2 D12 - RESTROOM
SCALE: 1/4" = 1'-0"



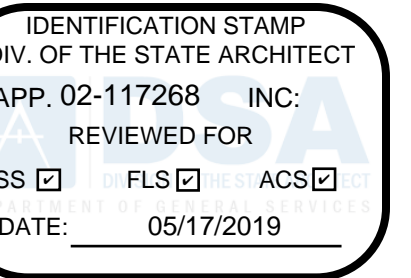
3 ENLARGED RESTROOM PLANS - D15 GIRLS & D16 BOYS
SCALE: 1/4" = 1'-0"



4 D15 - RESTROOM
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

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- B PROVIDE 6" CONCRETE CURB AT ALL (N) EXTERIOR WALLS AND (N) TOILET ROOM WALLS.
- C ALL TOILET ROOM STUD WALLS SHALL HAVE NEW SOUND ATTENUATION INSULATION.
- D PROVIDE WALL BLOCKING AT ALL TOILET FIXTURE AND ACCESSORY MOUNTING LOCATIONS. SEE TYPICAL BACKING AND BLOCKING DETAILS.
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- F PATCH ALL EXISTING FINISHES AS REQUIRED



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PROJECT

**MARGARET
SCOTTEN ES
MODERNIZATION
2019**



Grass Valley
School District

GRASS VALLEY SCHOOL
DISTRICT

CONSULTANT

STAMP



STATE

REVISIONS

No. Description Date



MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

SHEET

**ENLARGED
RESTROOM
PLANS &
ELEVATIONS -
BUILDING D**

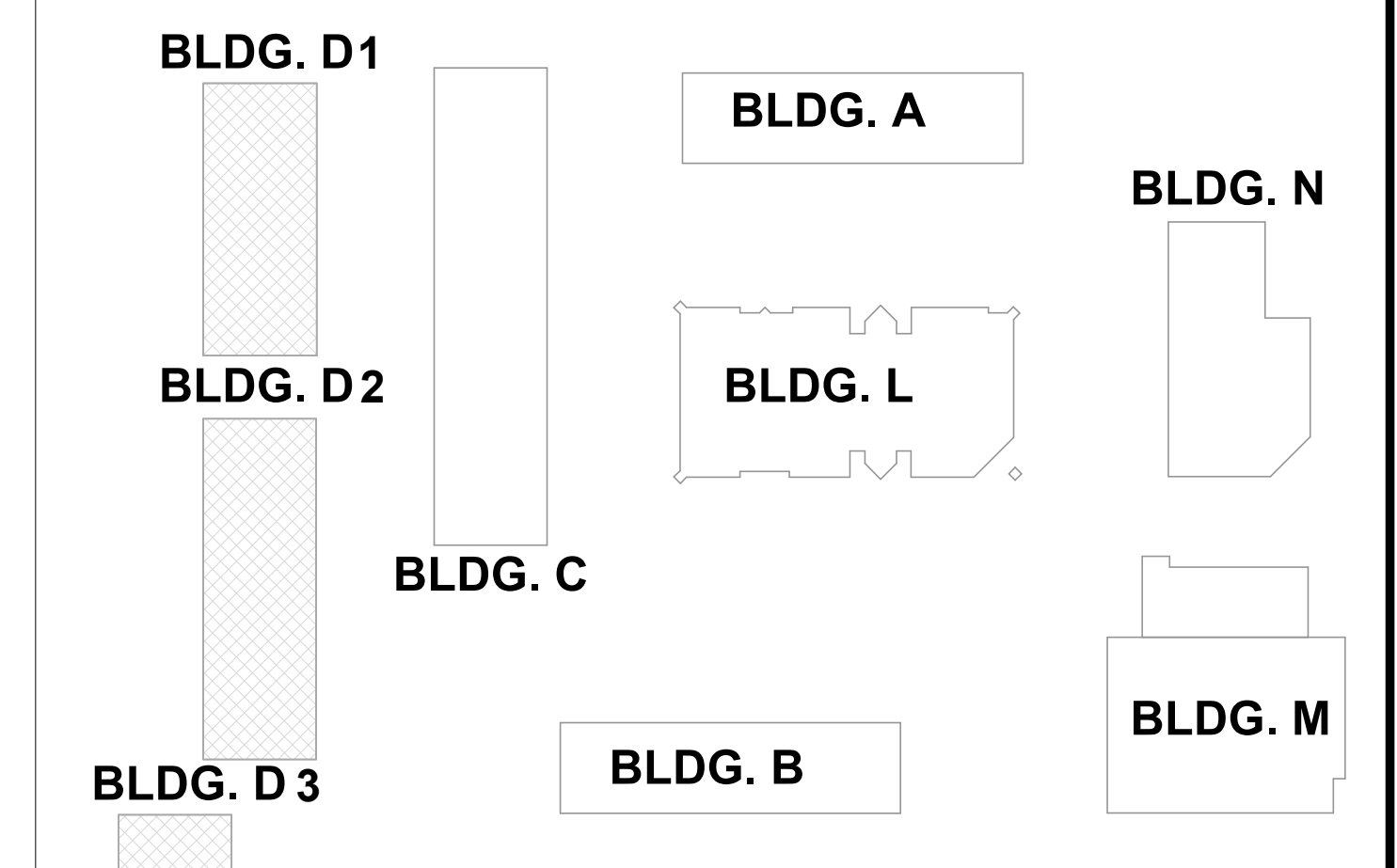
DATE 05/09/2019

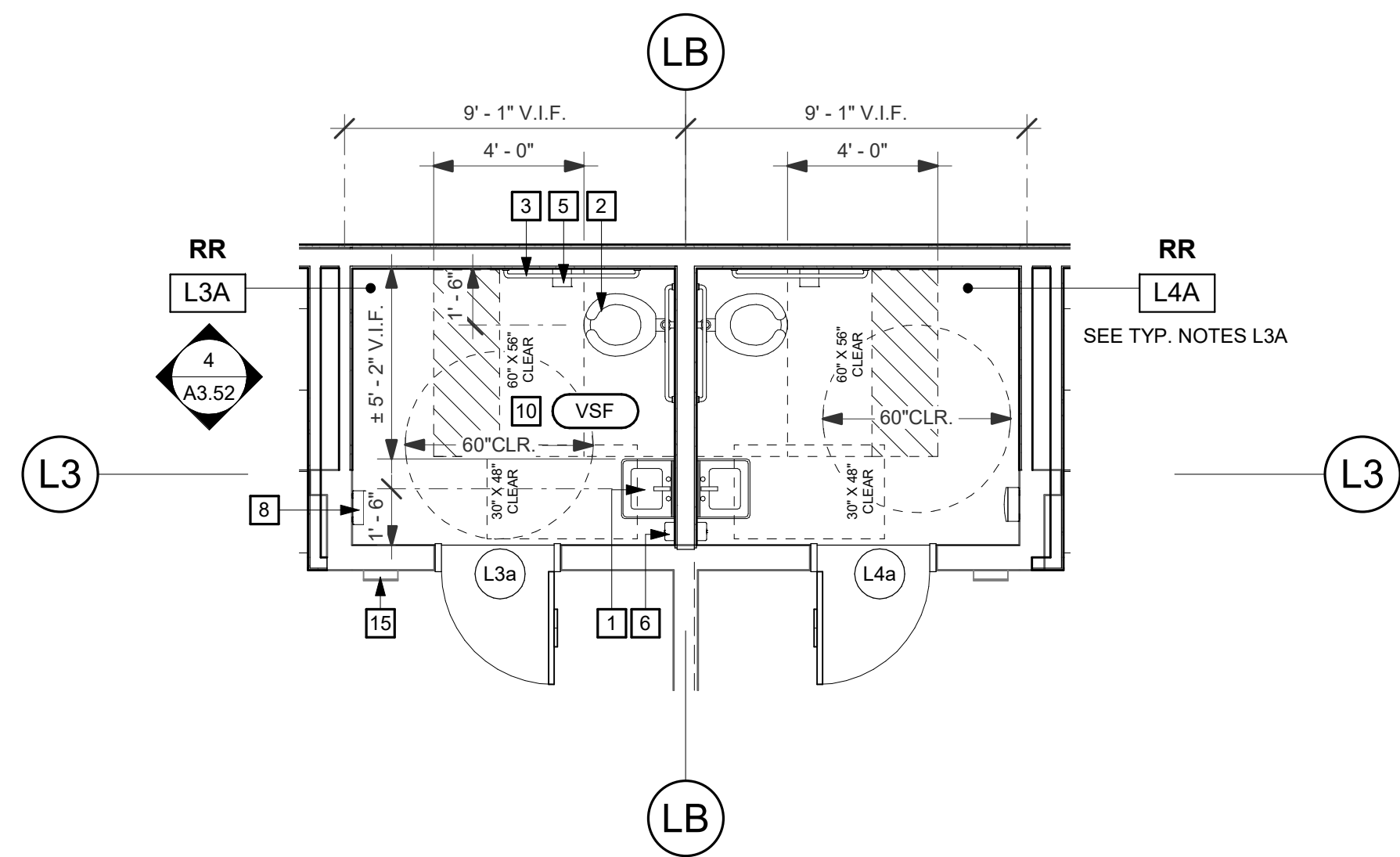
JOB # 2018045

SHEET #

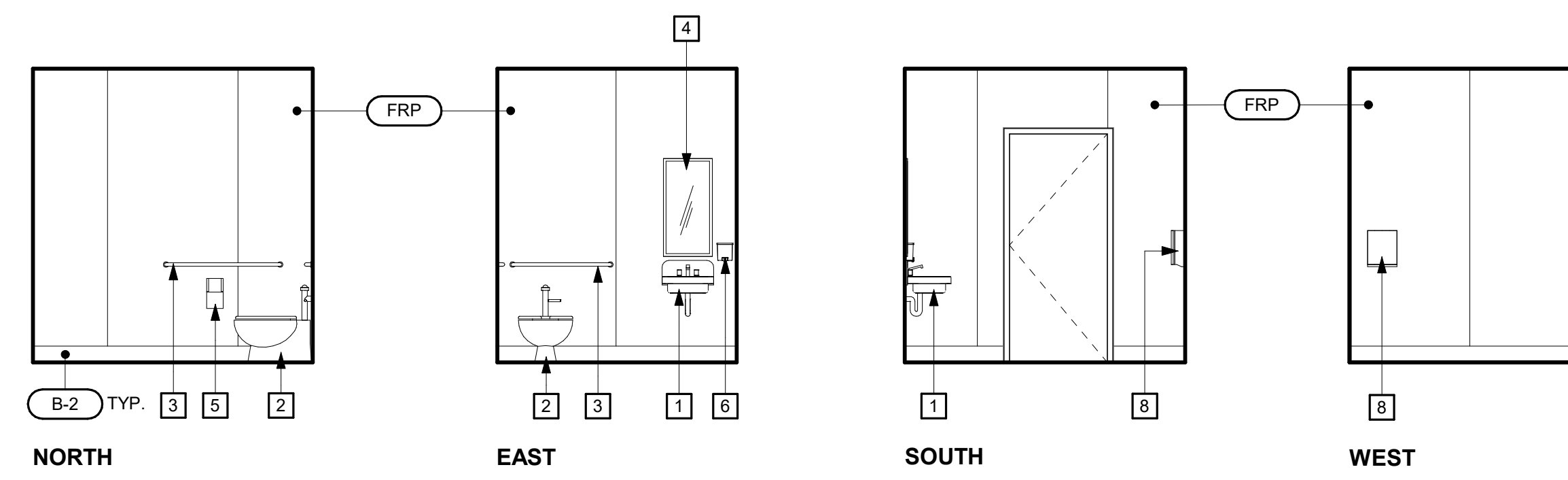
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BUILDING KEY

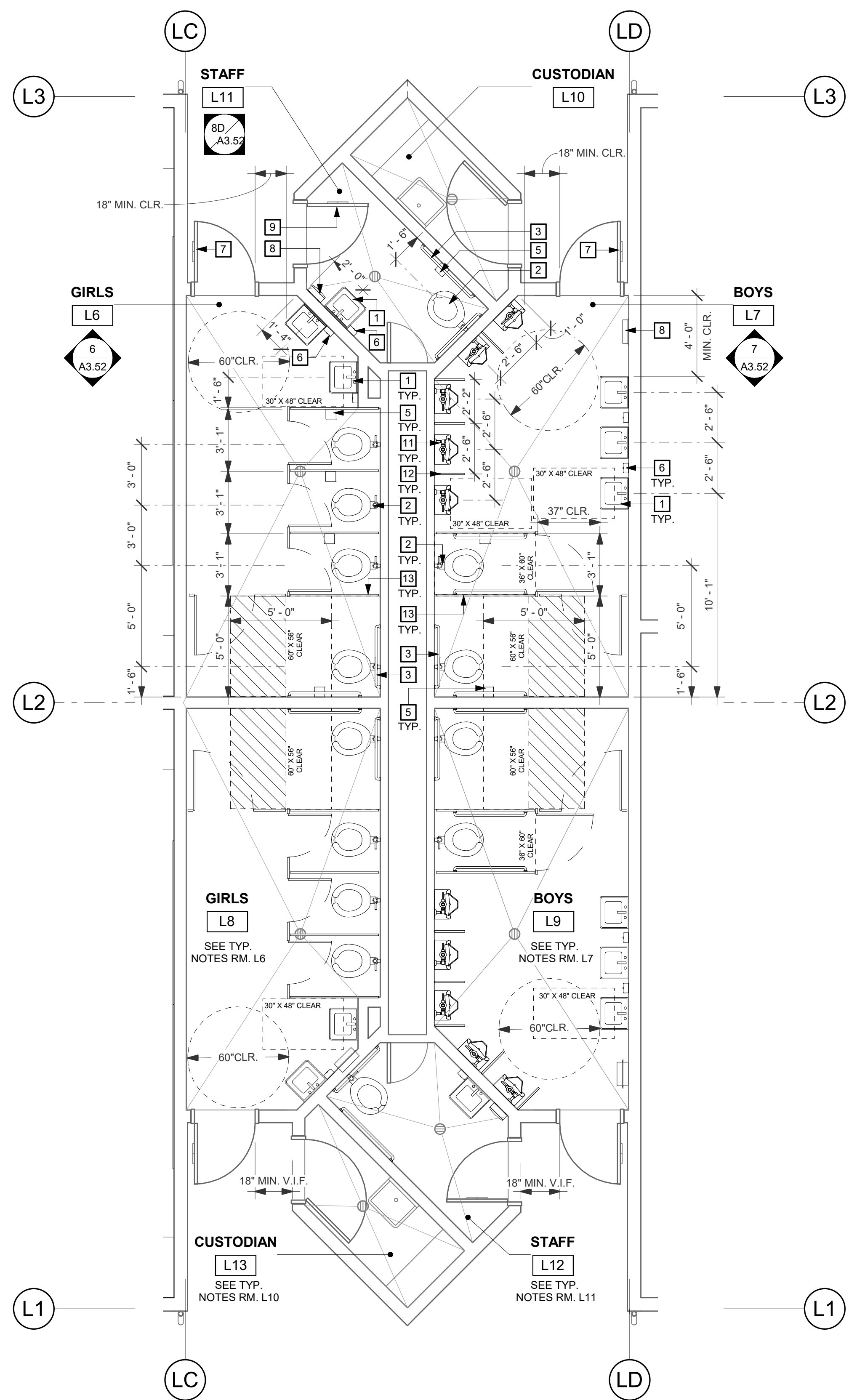




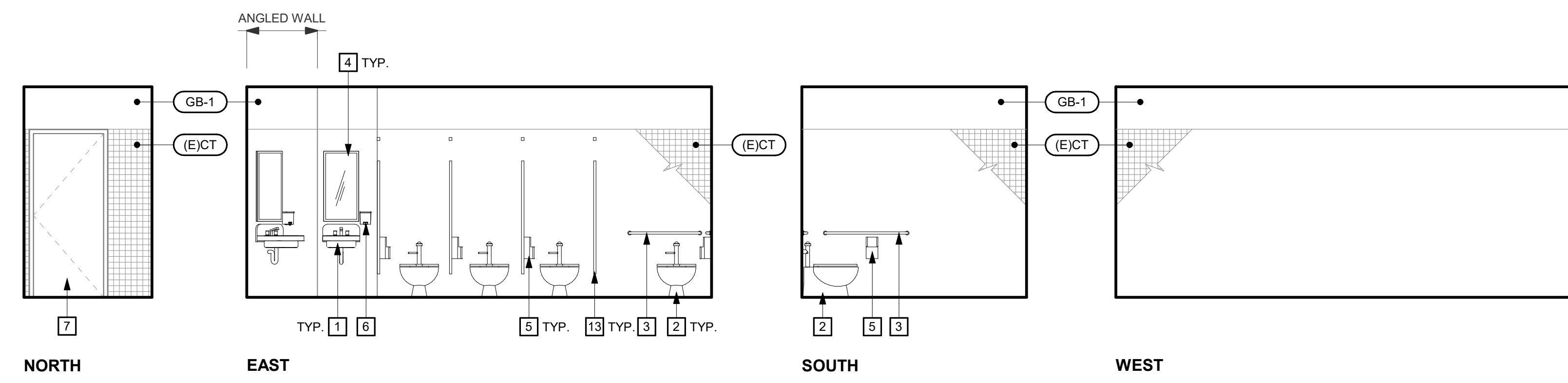
3 ENLARGED RESTROOM PLANS - L3 RESTROOM & L4 RESTROOM
SCALE: 1/4" = 1'-0"



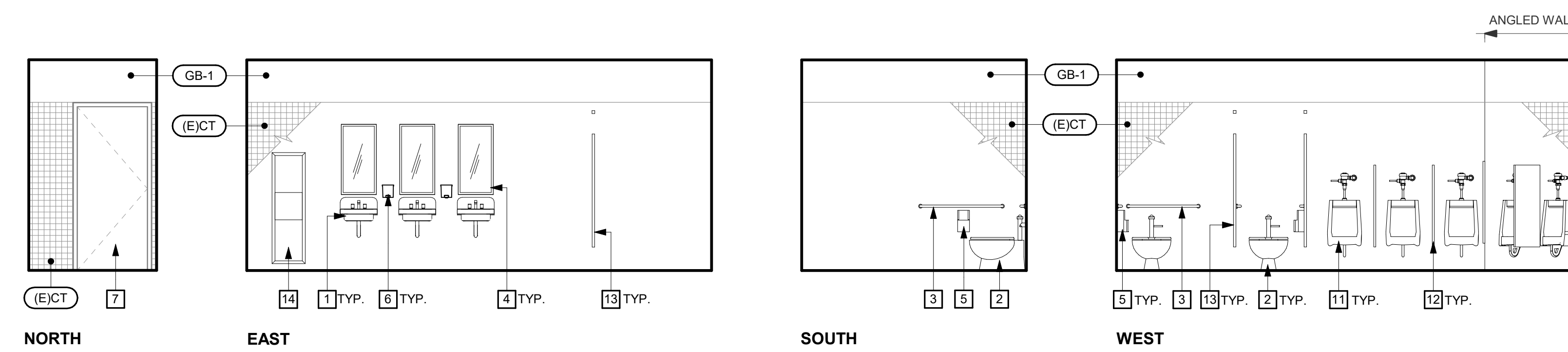
4 L3 - RESTROOM
SCALE: 1/4" = 1'-0"



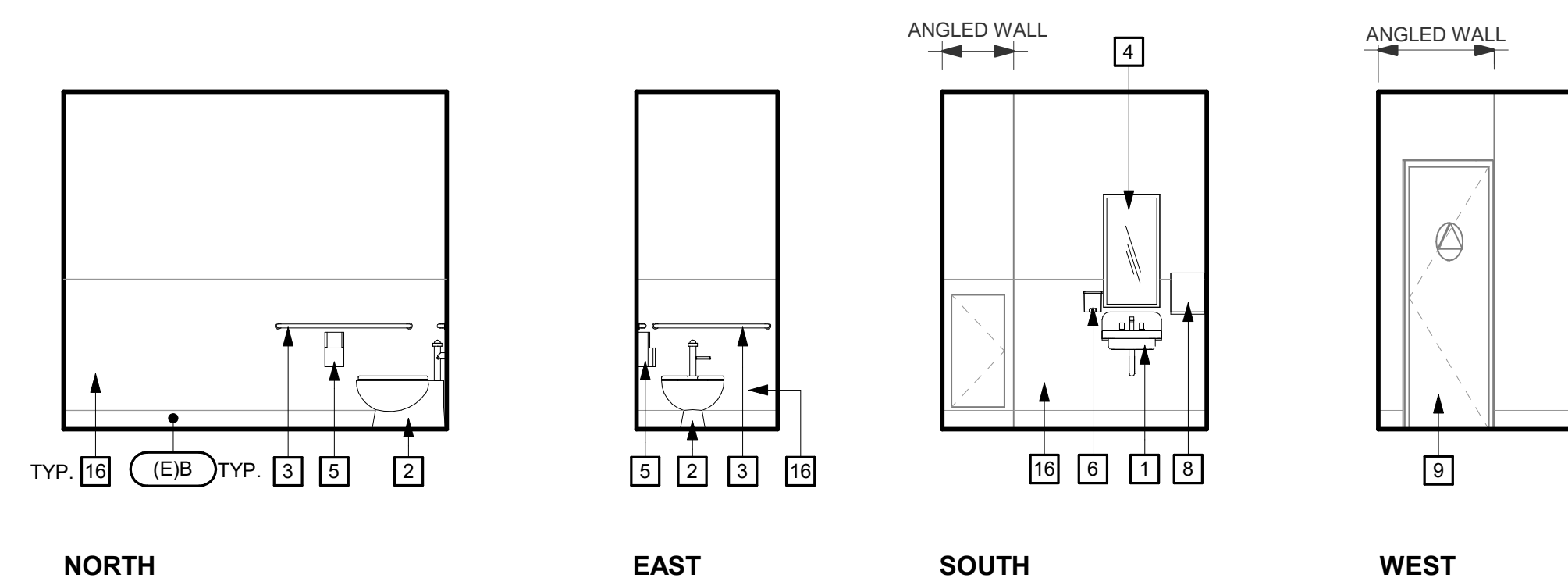
5 ENLARGED RESTROOM PLANS - L6 - L13
SCALE: 1/4" = 1'-0"



6 L6 - GIRLS
SCALE: 1/4" = 1'-0"



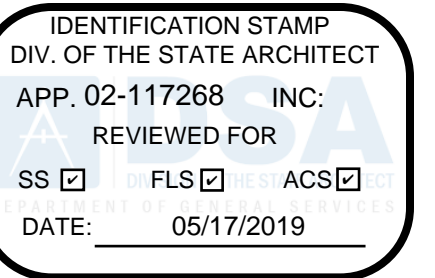
7 L7 - BOYS
SCALE: 1/4" = 1'-0"



8 L11 - STAFF
SCALE: 1/4" = 1'-0"

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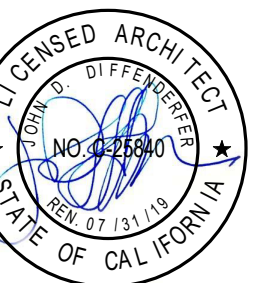


Grass Valley
School District

GRASS VALLEY SCHOOL DISTRICT

CONSULTANT

STAMP



STATE

REVISIONS

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1		

MILESTONES

SD	
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50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

SHEET

ENLARGED RESTROOM PLANS & ELEVATIONS - BUILDINGS L

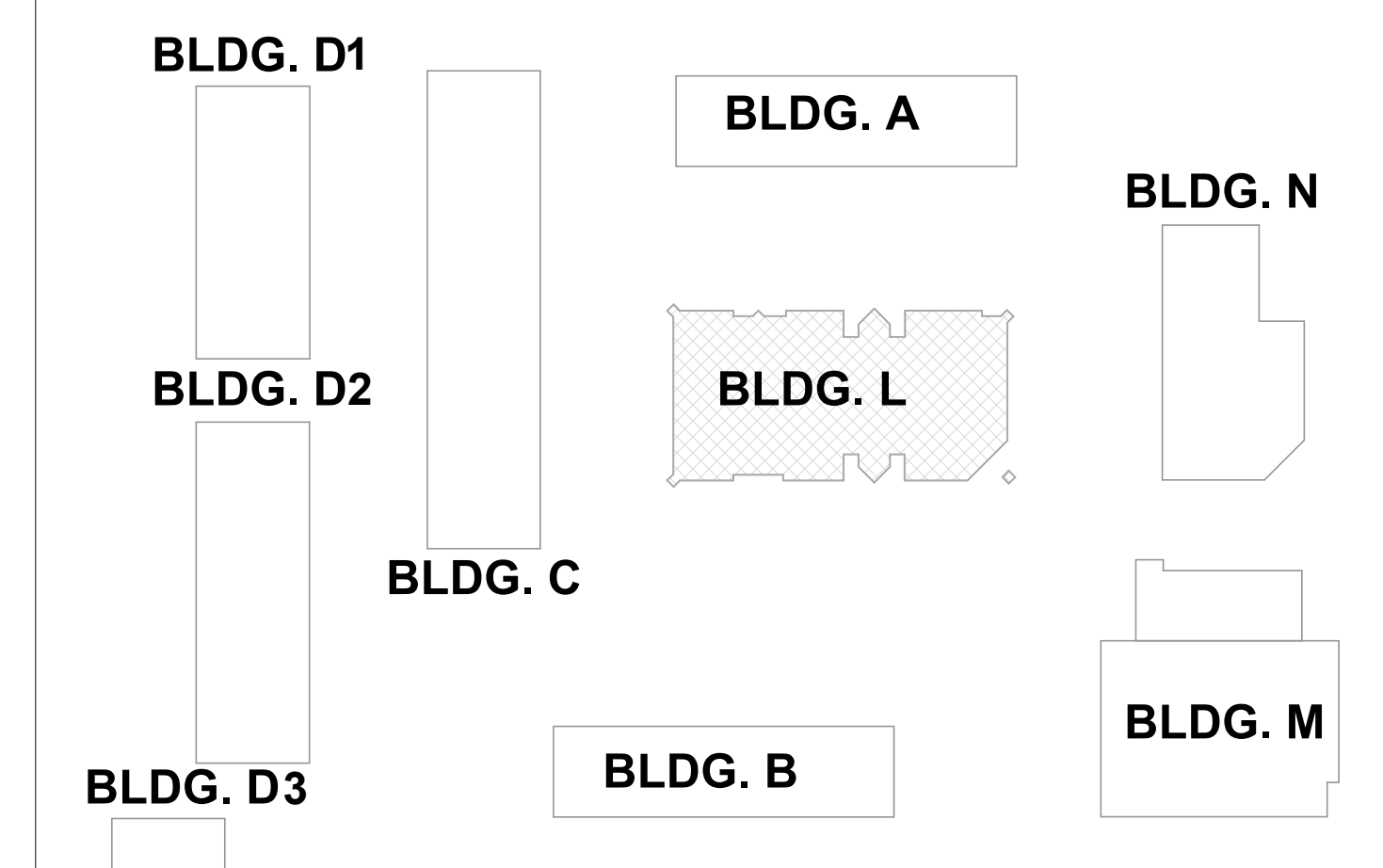
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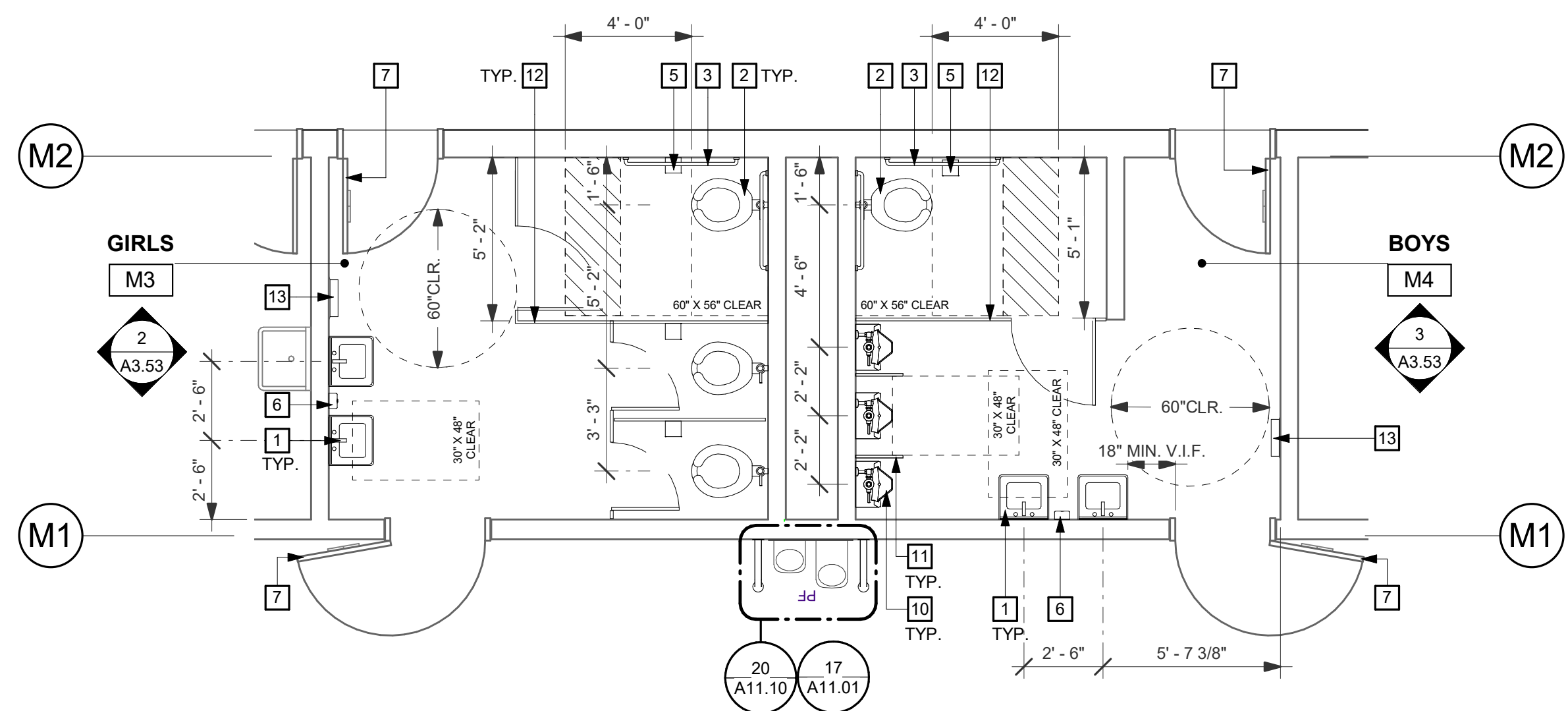
JOB # 2018045

SHEET #

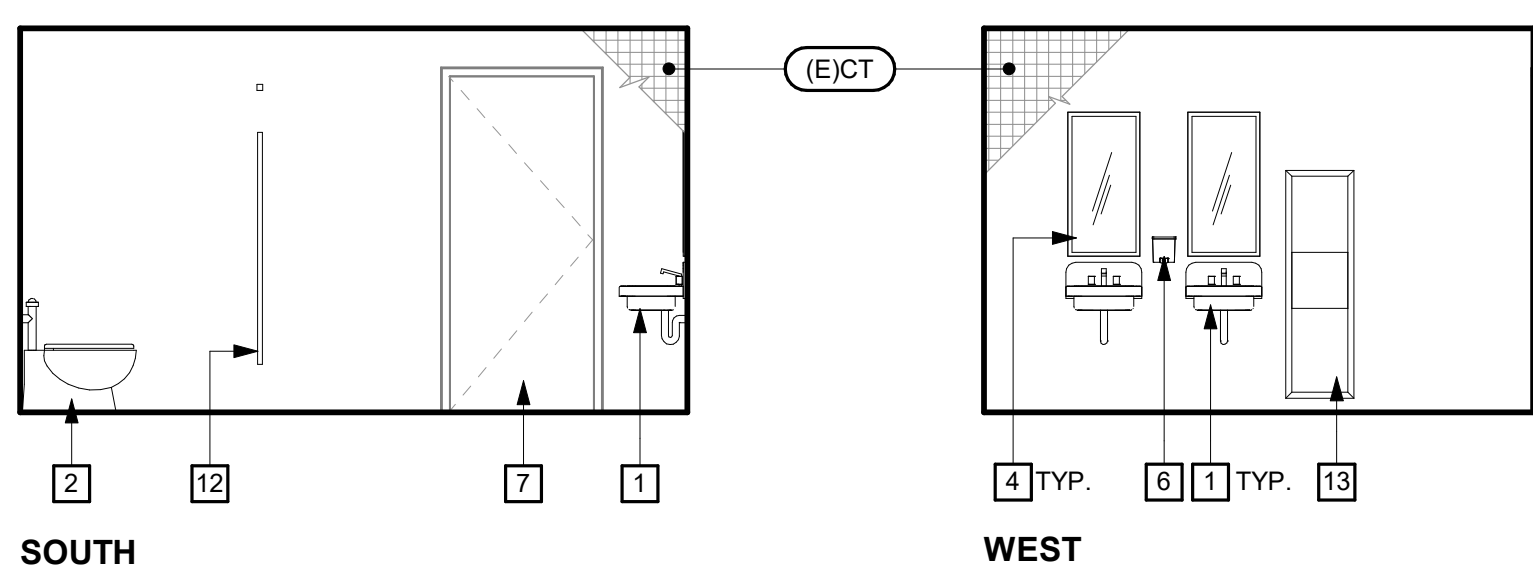
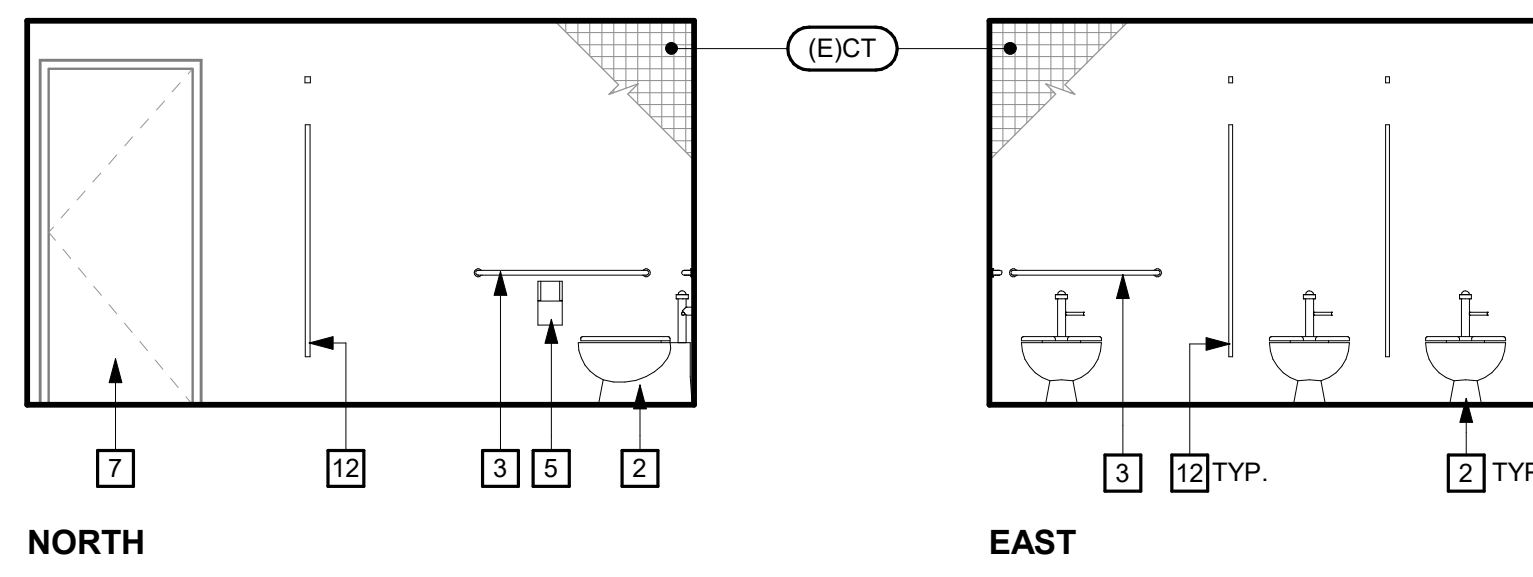
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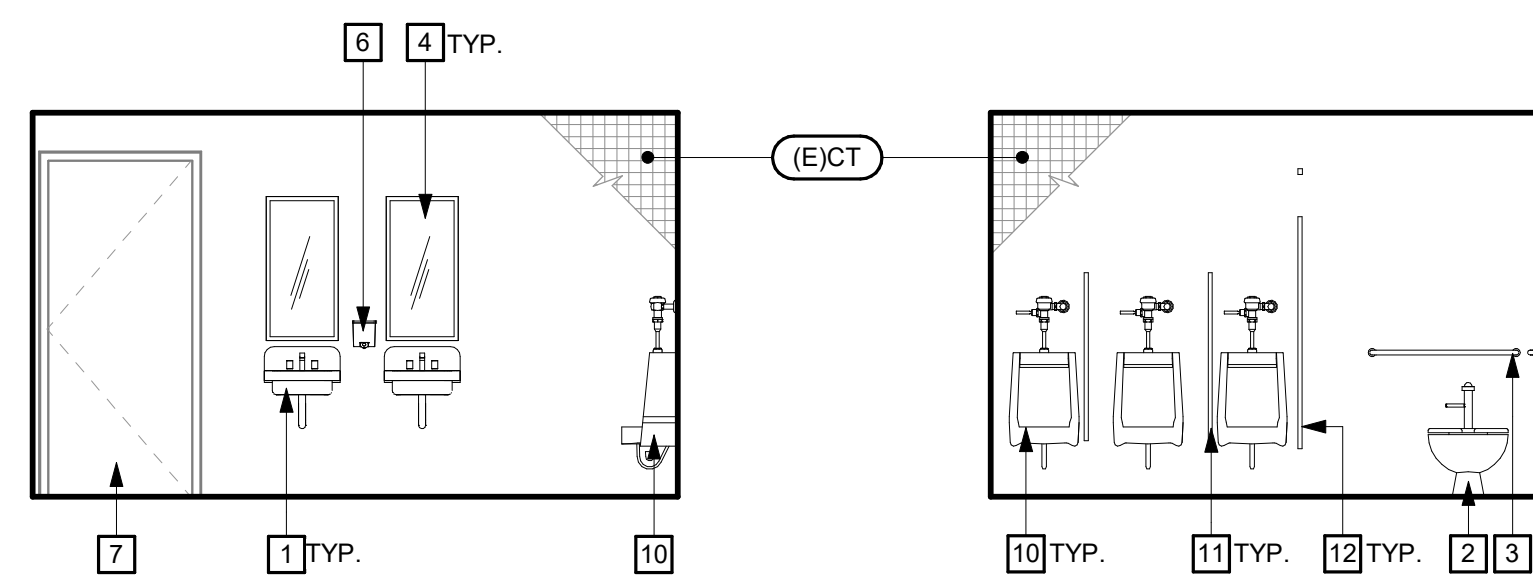
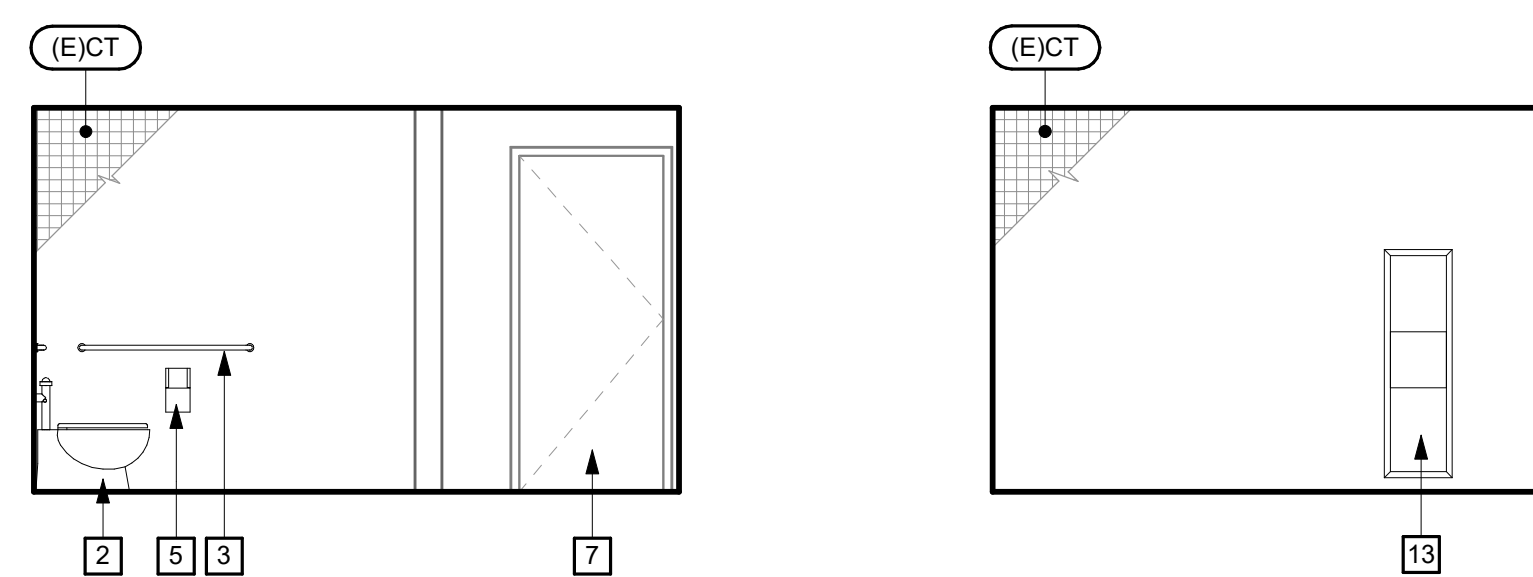




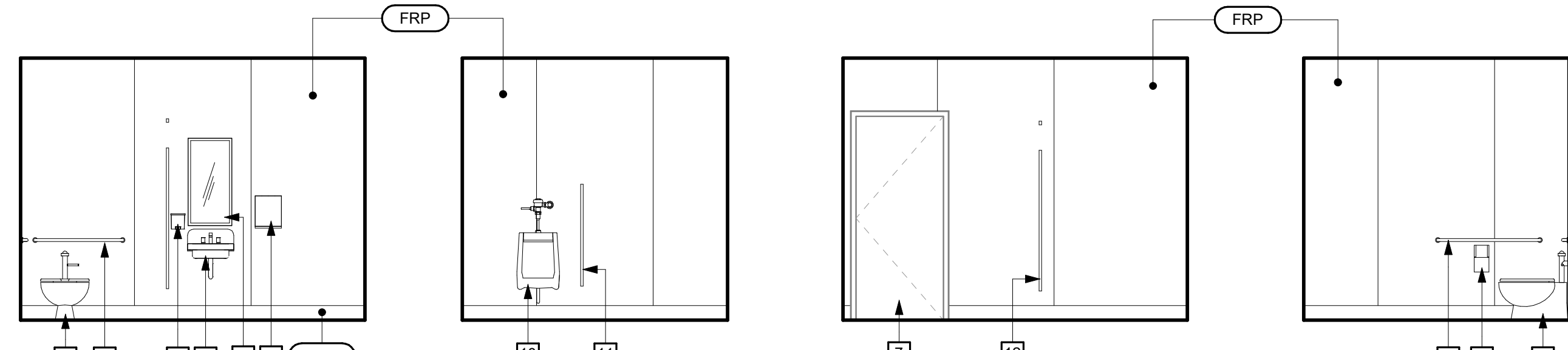
1 ENLARGED RESTROOM PLANS - M3 GIRLS & M4 BOYS
SCALE: 1/4" = 1'-0"



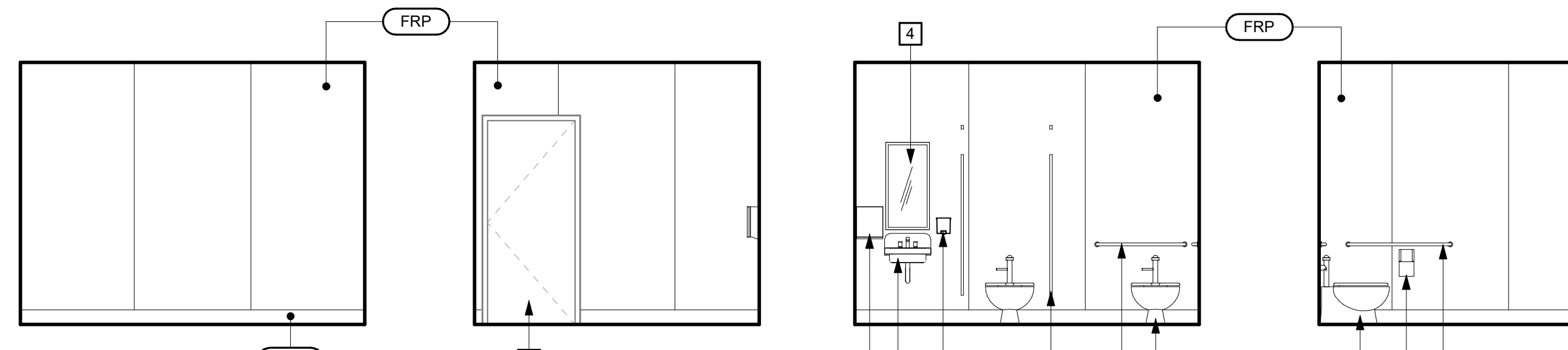
2 M3 - GIRLS
SCALE: 1/4" = 1'-0"



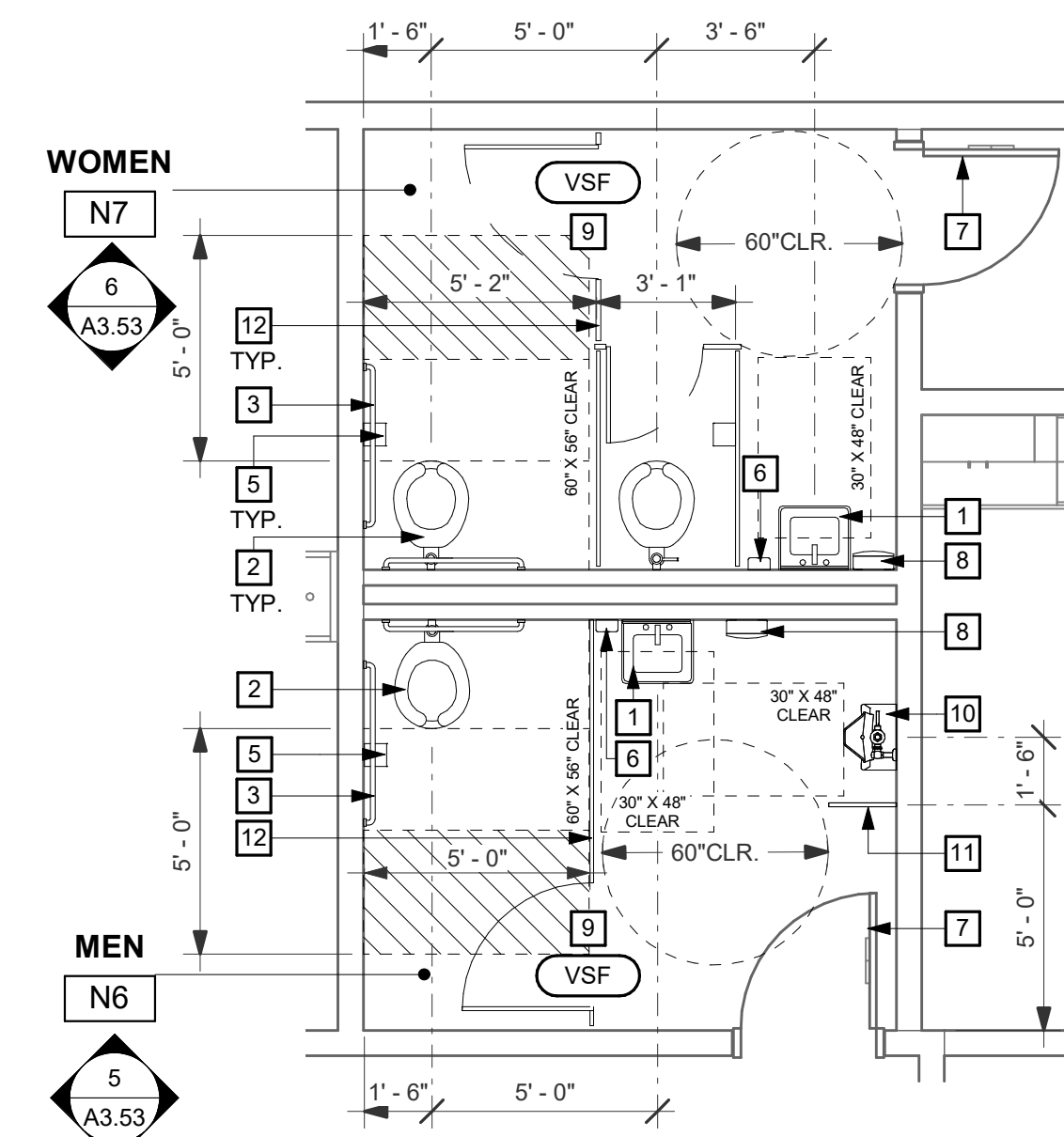
3 M4 - BOYS
SCALE: 1/4" = 1'-0"



5 N6 - MEN
SCALE: 1/4" = 1'-0"



6 N7 - WOMEN
SCALE: 1/4" = 1'-0"



4 ENLARGED RESTROOM PLANS - N6 MEN & N7 WOMEN
SCALE: 1/4" = 1'-0"

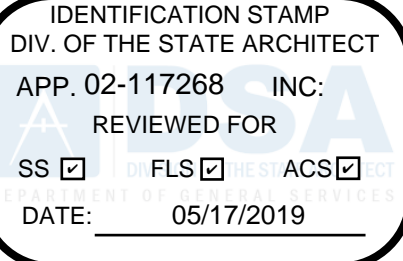
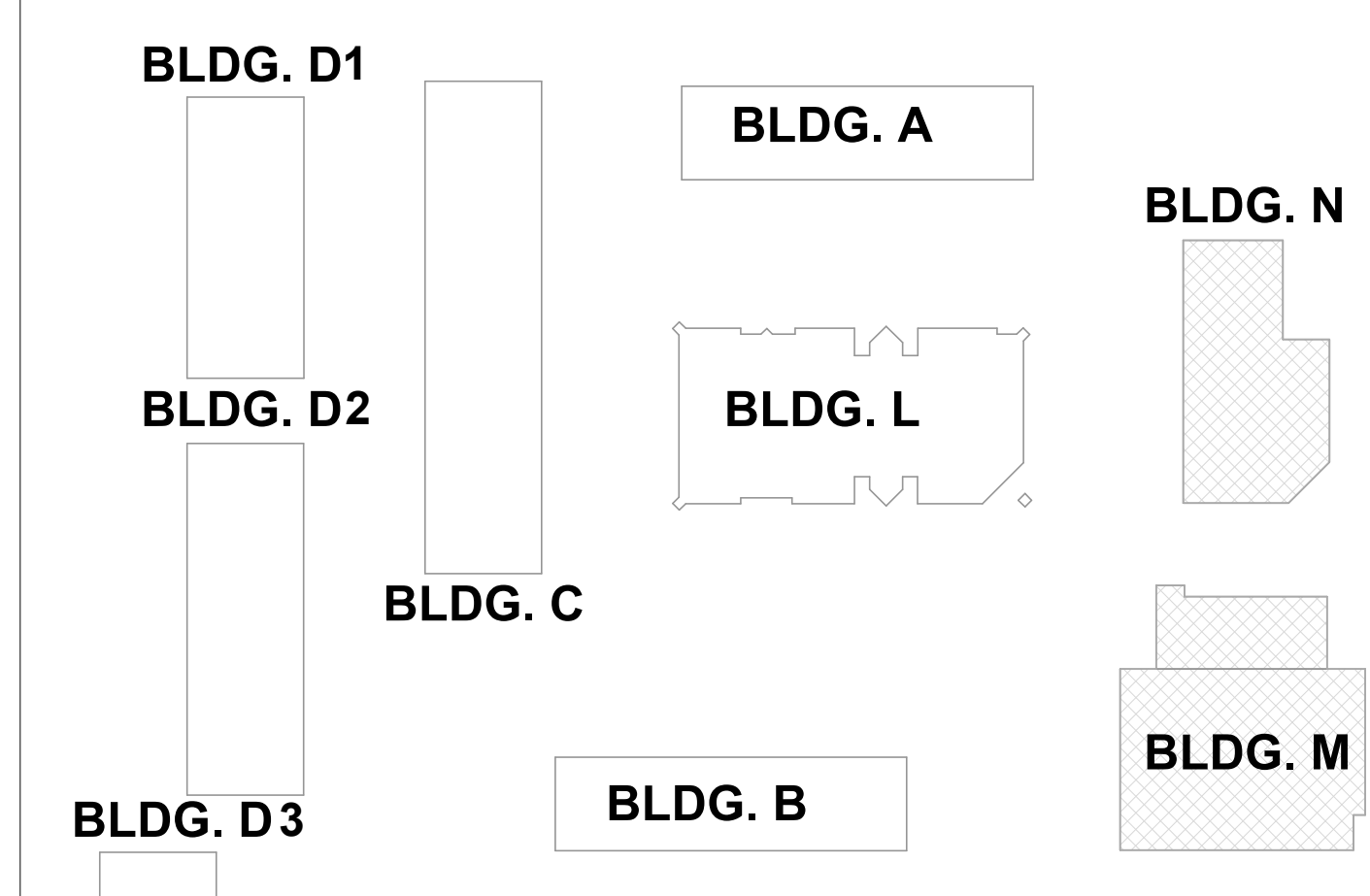
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- E FOR TOILET ROOM FIXTURE MOUNTING HEIGHTS, SEE TYPICAL FIXTURE MOUNTING HEIGHTS DETAIL.
- F PATCH ALL EXISTING FINISHES AS REQUIRED

ENLARGED FLOOR PLAN KEYNOTES

- 1 (N) SINK, TYP. CONNECT TO (E) PLUMBING. SEE DETAIL 11A11.10 & PLUMBING DRAWINGS FOR MORE INFORMATION.
- 2 (N) WATER CLOSET, REFER TO PLUMBING DWGS.
- 3 (N) GRAB BAR, TYP. REFER TO SPECS FOR FURTHER INFORMATION
- 4 REPLACE (E) MIRROR. REFER TO DETAIL 7/A9.02
- 5 (N) TOILET PAPER DISPENSER, TYP. REFER TO SPECS FOR FURTHER INFORMATION
- 6 (N) SOAP DISPENSER, TYP. REFER TO REFER TO SPECS FOR FURTHER INFORMATION
- 7 (E) DOOR AND FRAME, PROVIDE AND INSTALL (N) SIGNAGE AND PAINT
- 8 (N) PAPER TOWEL DISPENSER, TYP. REFER TO SPECS FOR FURTHER INFORMATION
- 9 (N) SHEET VINYL FLOORING
- 10 (N) URINAL, REFER TO PLUMBING DWGS.
- 11 (N) 18" X 36" URINAL SCREEN. SEE DETAIL 13/A11.01 FOR FURTHER INFORMATION
- 12 RE-INSTALL (E) TOILET PARTITION AND HARDWARE, TYP.
- 13 (N) PAPER TOWEL DISPENSER AND WASTE RECEPTACLE, TYP.

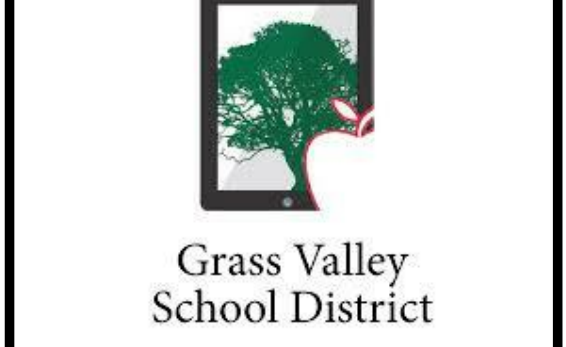
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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



GRASS VALLEY SCHOOL DISTRICT

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90% CD	
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DSA BC	05/09/2019

SHEET

ENLARGED RESTROOM PLANS & ELEVATIONS - BUILDINGS M & N

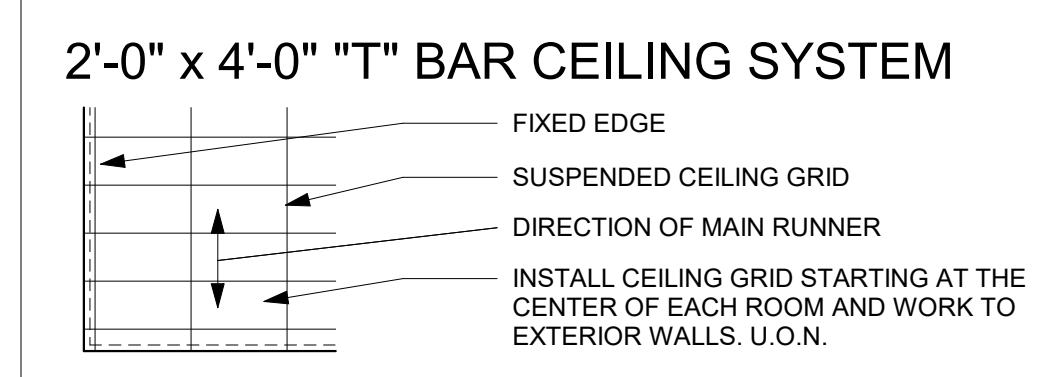
DATE 05/09/2019
JOB # 2018045
SHEET #

A3.53

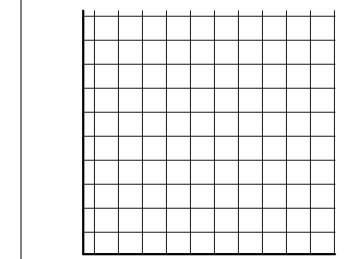
GENERAL SHEET NOTES

- A ROOM NAMES OR NUMBERS MAY NOT BE CONSISTENT BETWEEN DEMOLITION AND NEW PLANS.
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- C REFER TO FINISH SCHEDULE ON SHEET A11.01 FOR CEILING FINISHES NOT SHOWN.
- D PROVIDE NEW CEILING TILE MATCHING ADJACENT TILES WHERE EXISTING LIGHTS, SPEAKERS OR OTHER EQUIPMENT WERE REMOVED.

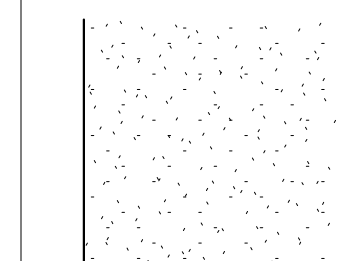
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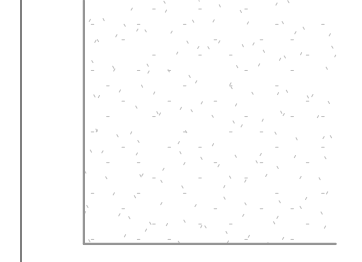
12" CEILING TILE



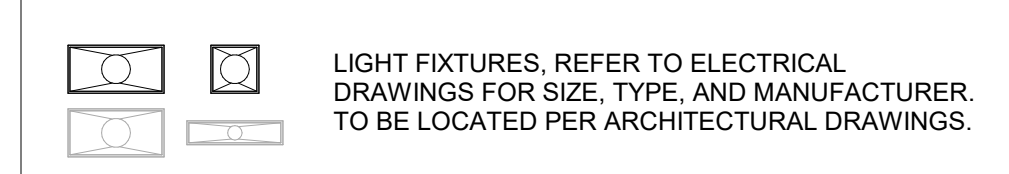
GYPSON BOARD CEILING OR SOFFIT



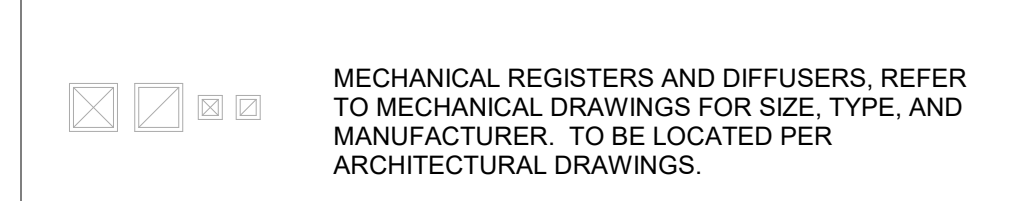
(E) GYPSON BOARD CEILING OR SOFFIT



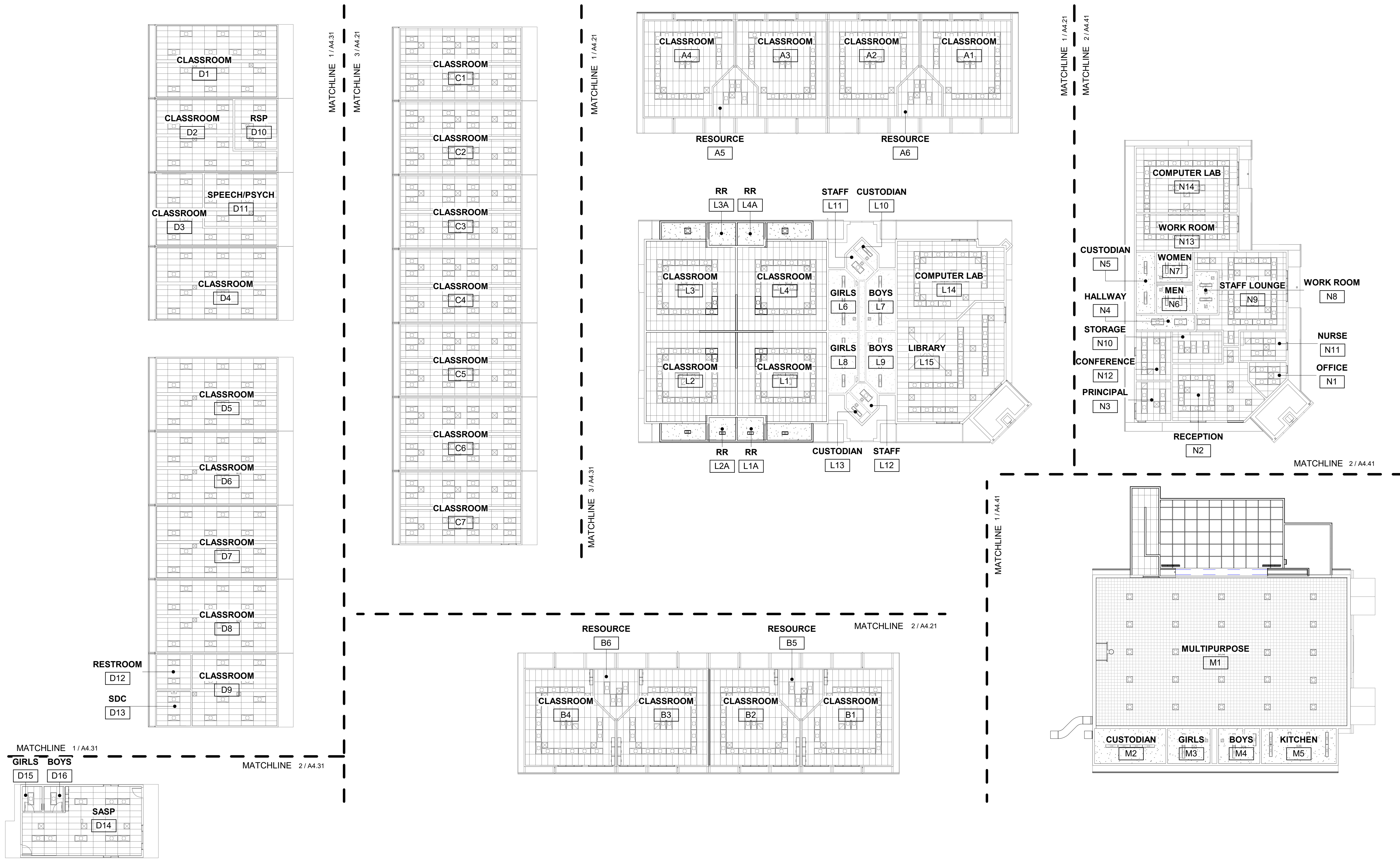
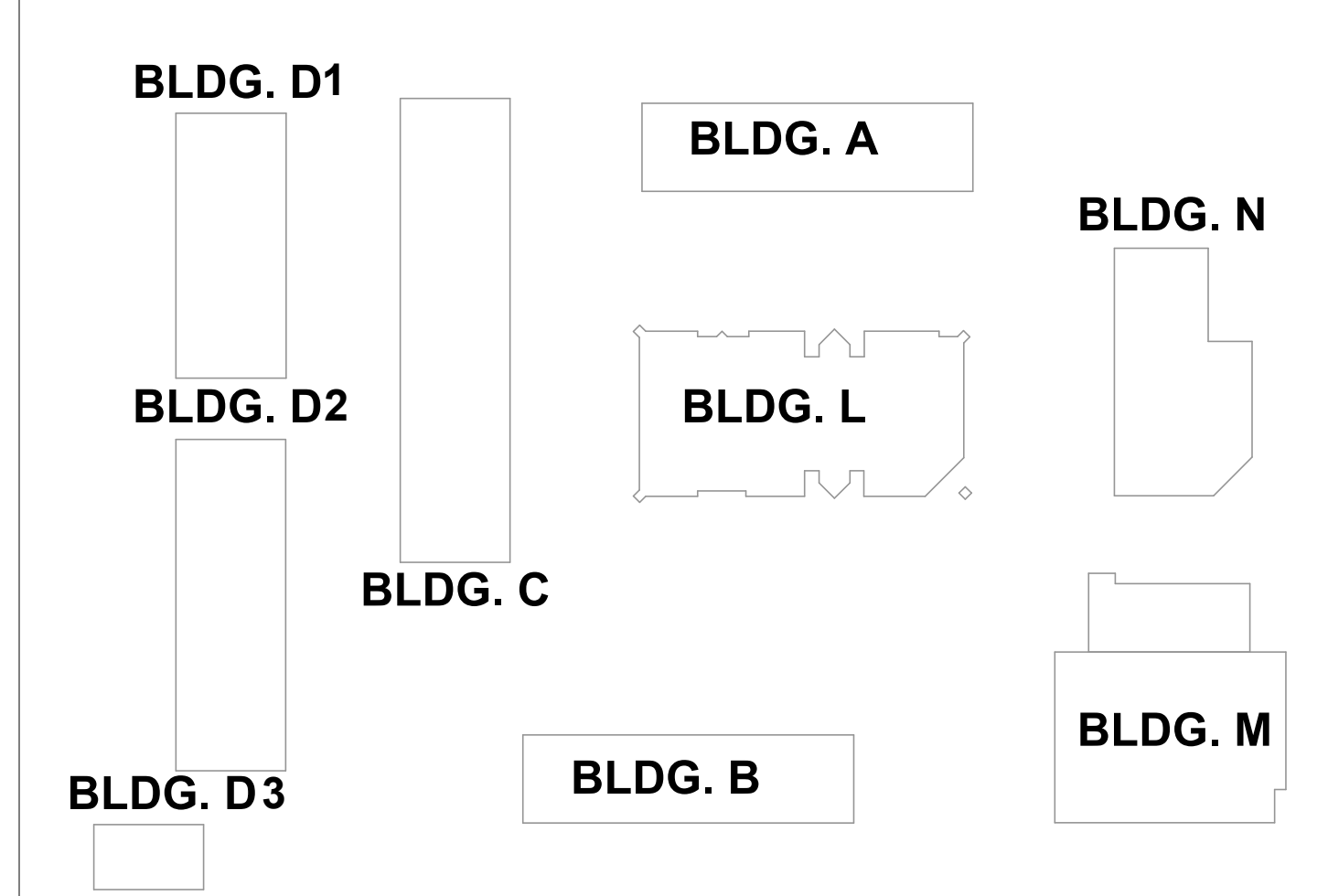
ELECTRICAL SYMBOLS



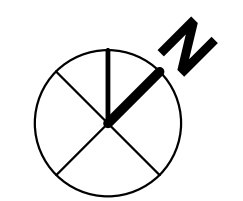
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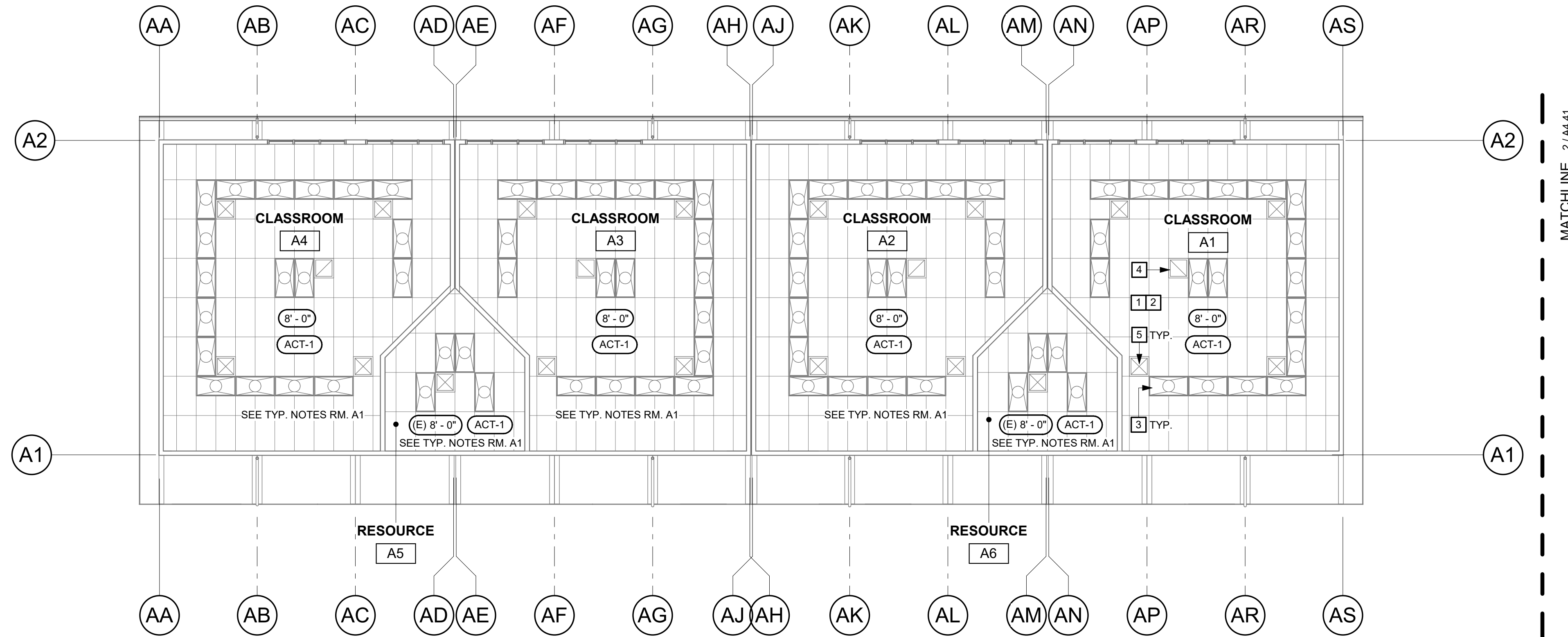


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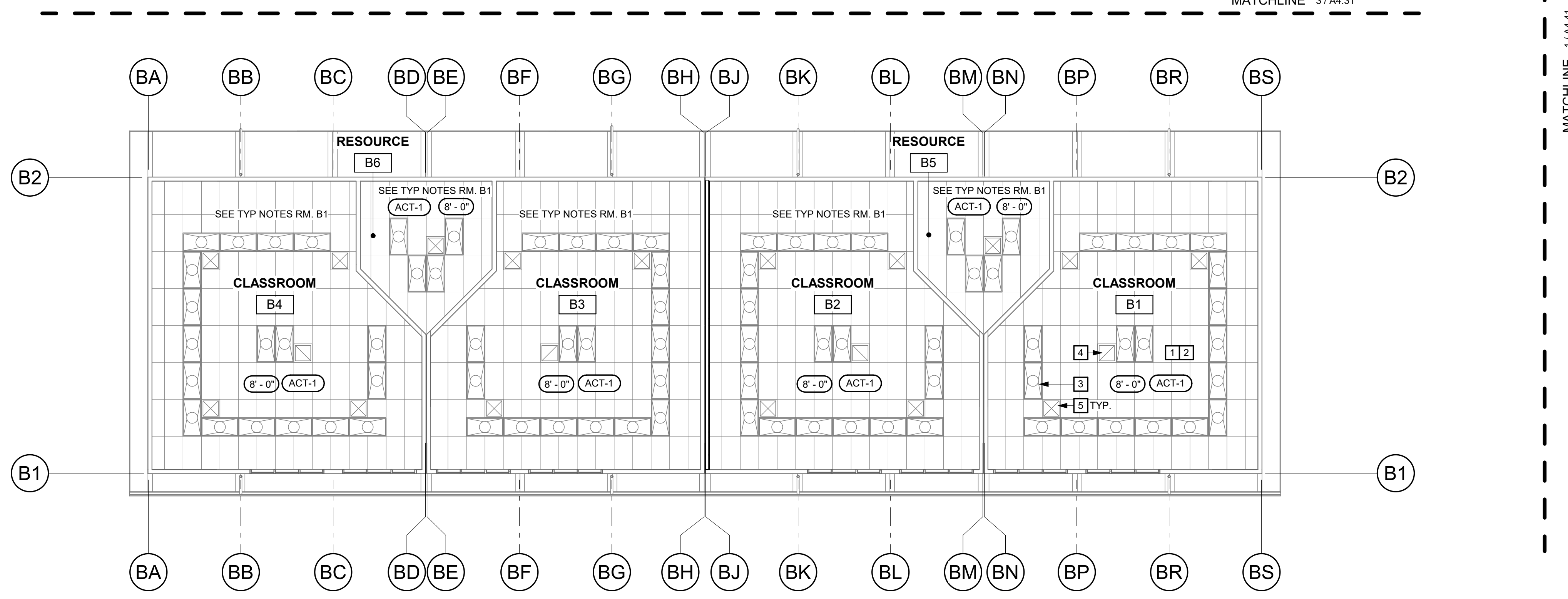


1 OVERALL REFLECTED CEILING PLAN
 SCALE: 1/16" = 1'-0"

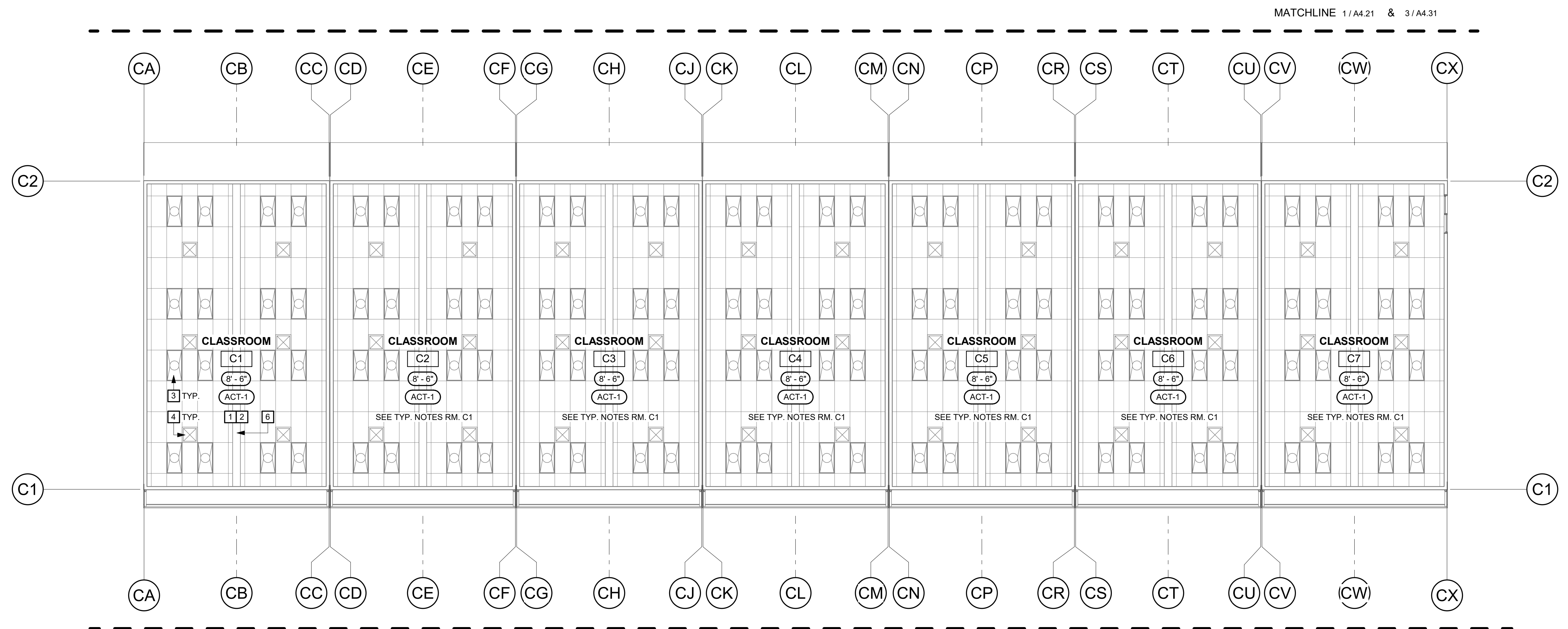




1 BUILDING A DEMO RCP
SCALE: 1/8" = 1'-0"



2 BUILDING B RCP
SCALE: 1/8" = 1'-0"



3 BUILDING C RCP
SCALE: 1/8" = 1'-0"

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APP. 02-117268 INC.
REVIEWED FOR
SS FLS ACS
DATE: 05/17/2019

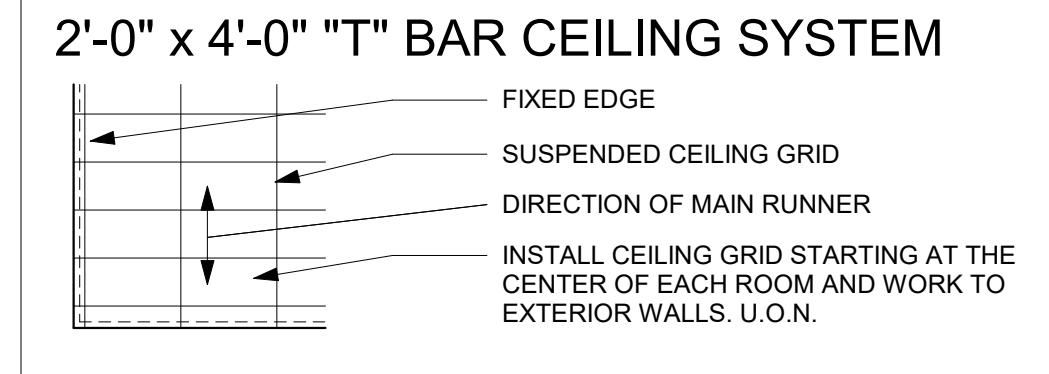
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REFLECTED CEILING PLAN KEYNOTES

- 1 (N) CEILING TILE. INSTALL ON (E) GRID CEILING.
- 2 PAINT (E) CEILING GRID
- 3 (E) RECESSED LIGHT FIXTURE. REMOVE, STORE AND PROTECT LIGHT FIXTURES AS REQUIRED FOR CEILING GRID WORK AND REINSTALL.
- 4 (E) HVAC REGISTER. REMOVE AND REINSTALL AS REQUIRED FOR CEILING GRID WORK. CLEAN AND PAINT. TYP.
- 5 (E) HVAC DIFFUSER. REMOVE AND REINSTALL AS REQUIRED FOR CEILING GRID WORK. CLEAN AND PAINT. TYP.
- 6 (E) PORTABLE MODULE LINE COVER. CLEAN, PREP, AND PAINT.

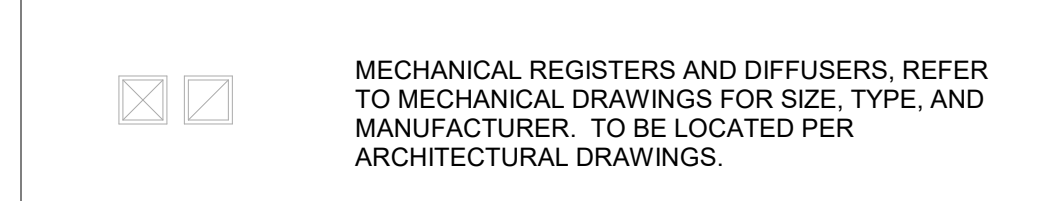
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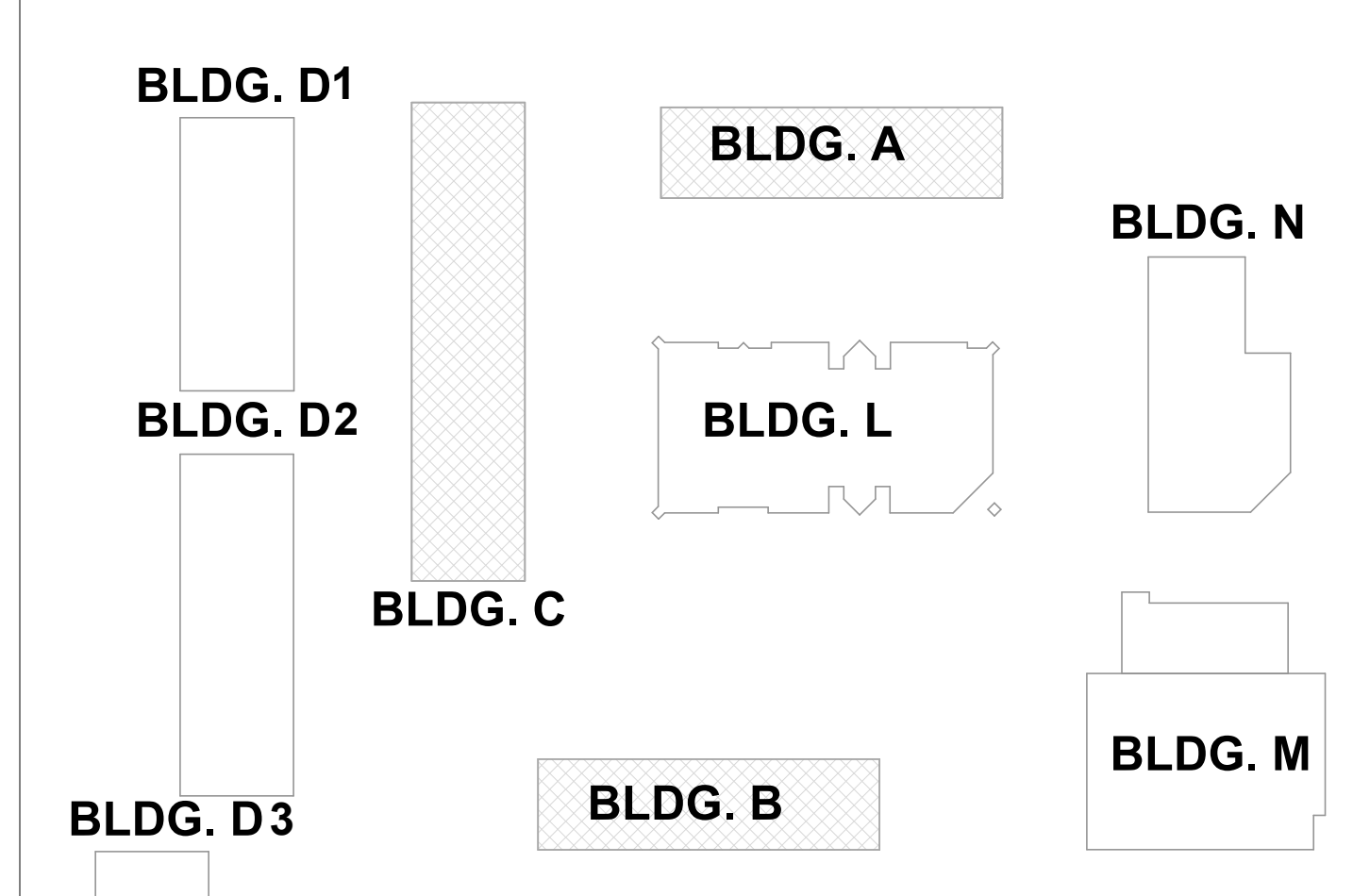
ELECTRICAL SYMBOLS



MECHANICAL SYMBOLS



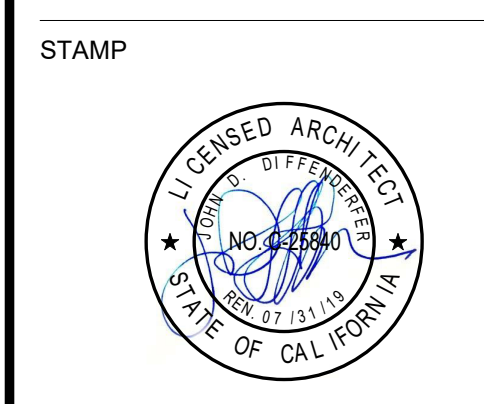
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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT
CONSULTANT



STATE

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No.	Description	Date
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MILESTONES

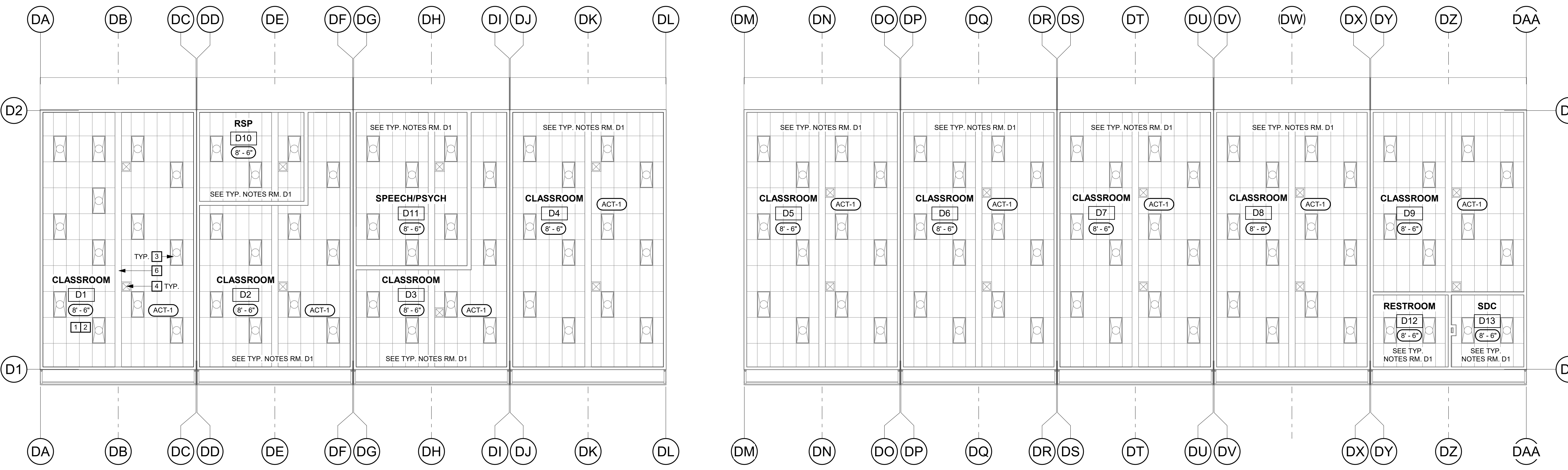
SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

REFLECTED CEILING PLANS - BUILDINGS A, B & C

DATE 05/09/2019
JOB # 2018045
SHEET #

A4.21

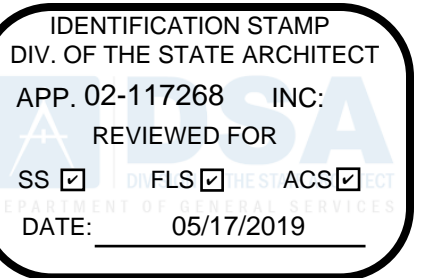
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1 BUILDING D RCP - PARTIAL
SCALE: 1/8" = 1'-0"

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- 6 (E) PORTABLE MODULE LINE COVER. CLEAN, PREP, AND PAINT.
- 7 (E) GYP. BD. CEILING. PAINT. TYP.
- 8 DEMO (E) SOFFIT & INSTALL (N) GYP. BD. CEILING. PAINT
- 9 (N) LIGHT FIXTURE. TYP. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION

PROJECT

MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT

CONSULTANT

STAMP



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DSA BC	05/09/2019
SHEET	

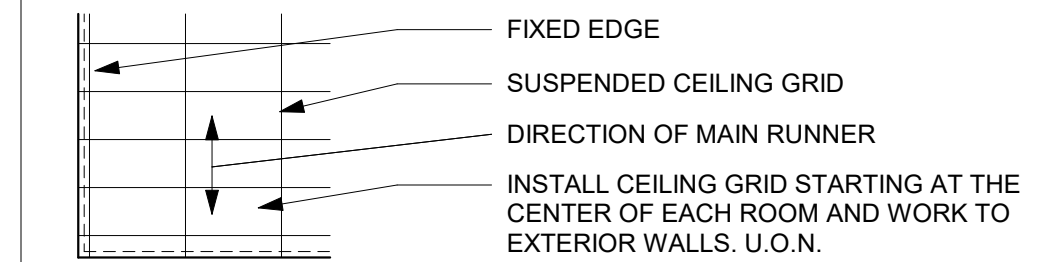
REFLECTED CEILING PLAN - BUILDINGS D & L

DATE: 05/09/2019
JOB #: 2018045
SHEET #

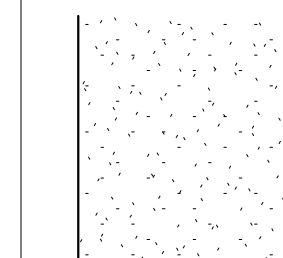
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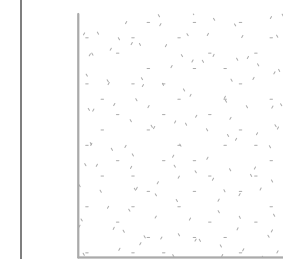
2'-0" x 4'-0" "T" BAR CEILING SYSTEM



GYPSON BOARD CEILING OR SOFFIT



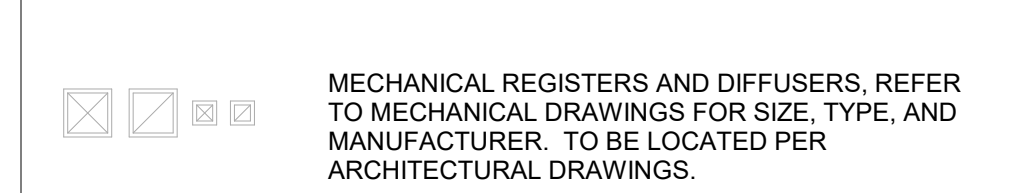
(E) GYPSON BOARD CEILING OR SOFFIT



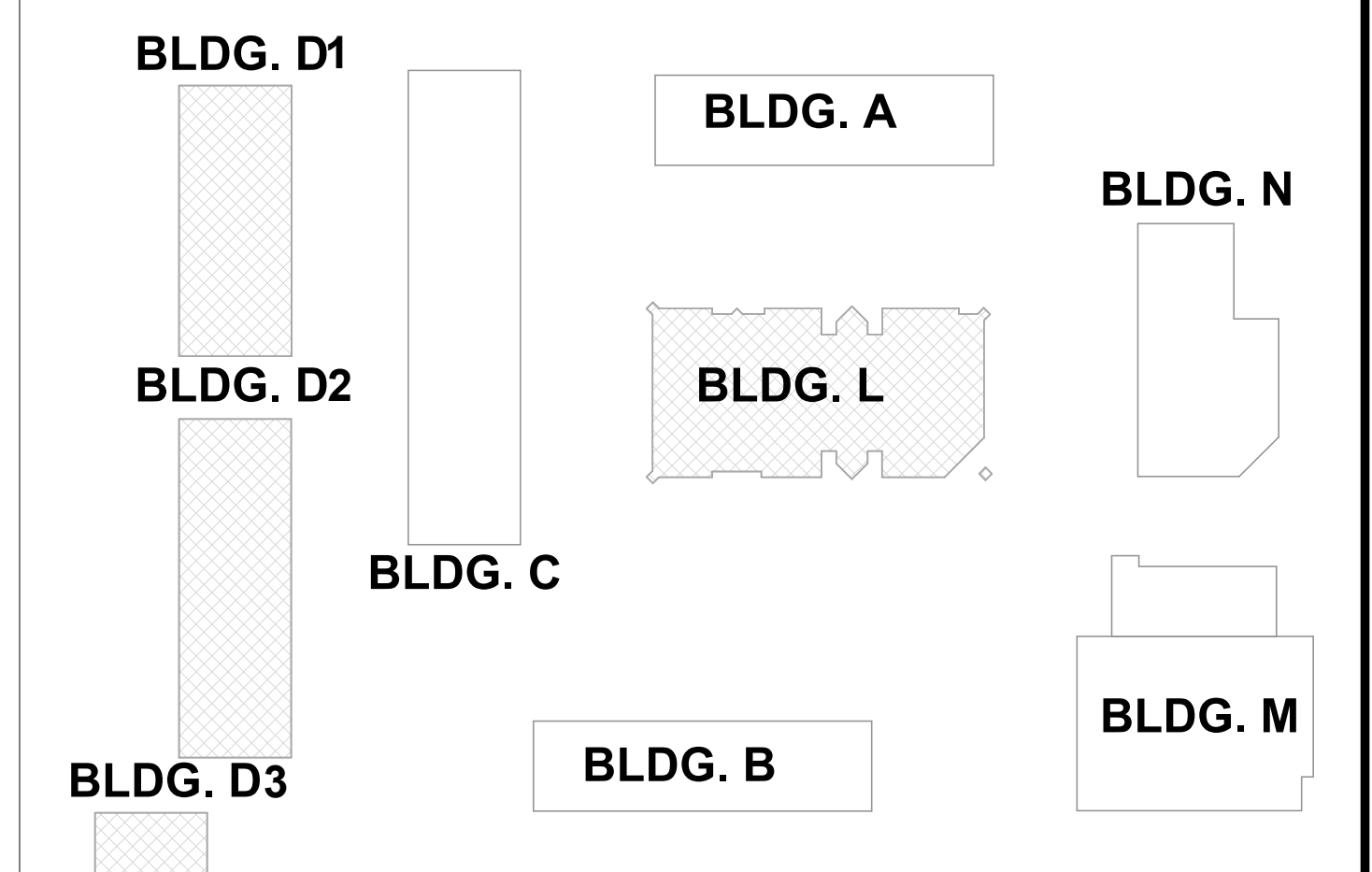
ELECTRICAL SYMBOLS



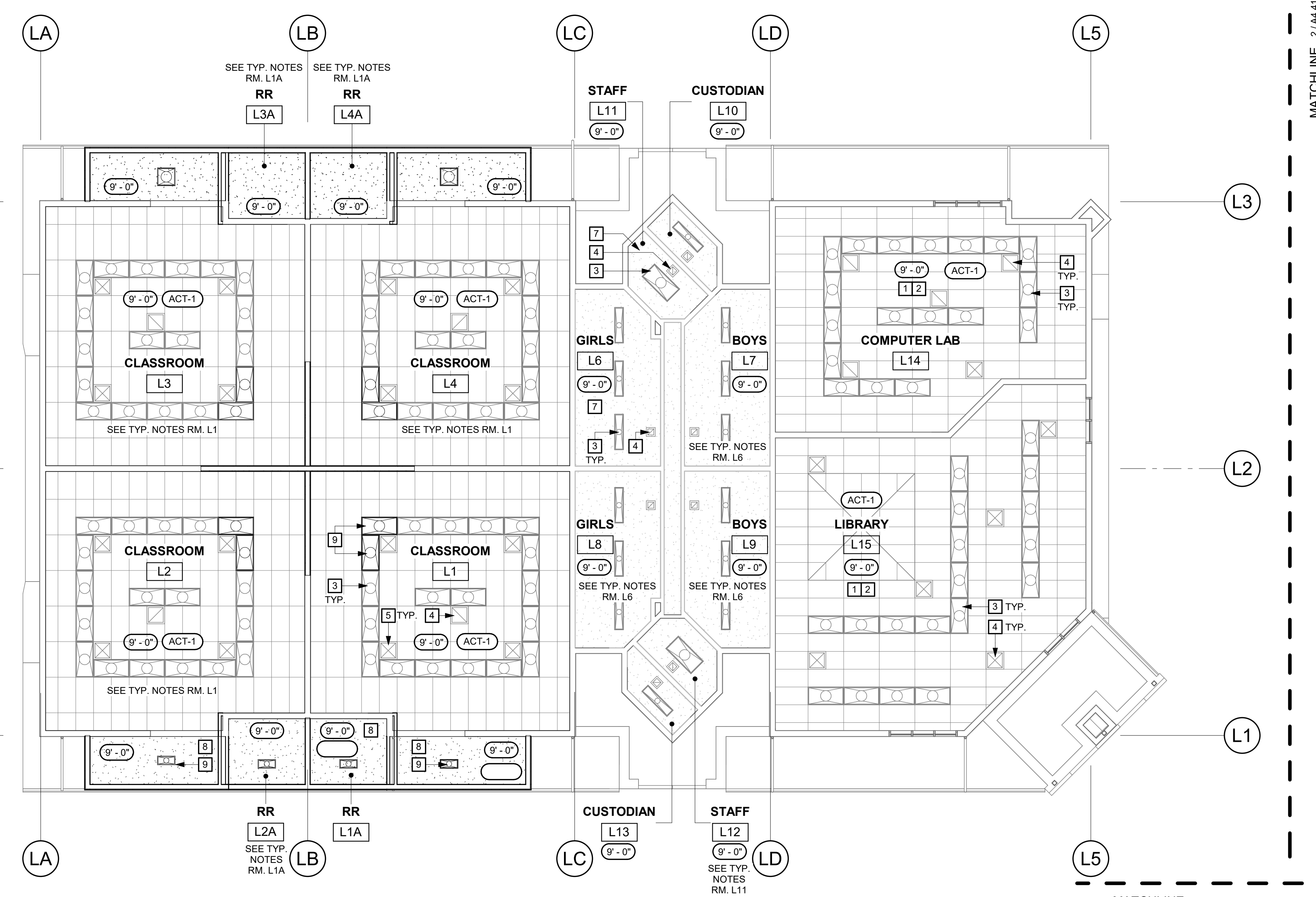
MECHANICAL SYMBOLS



BUILDING KEY

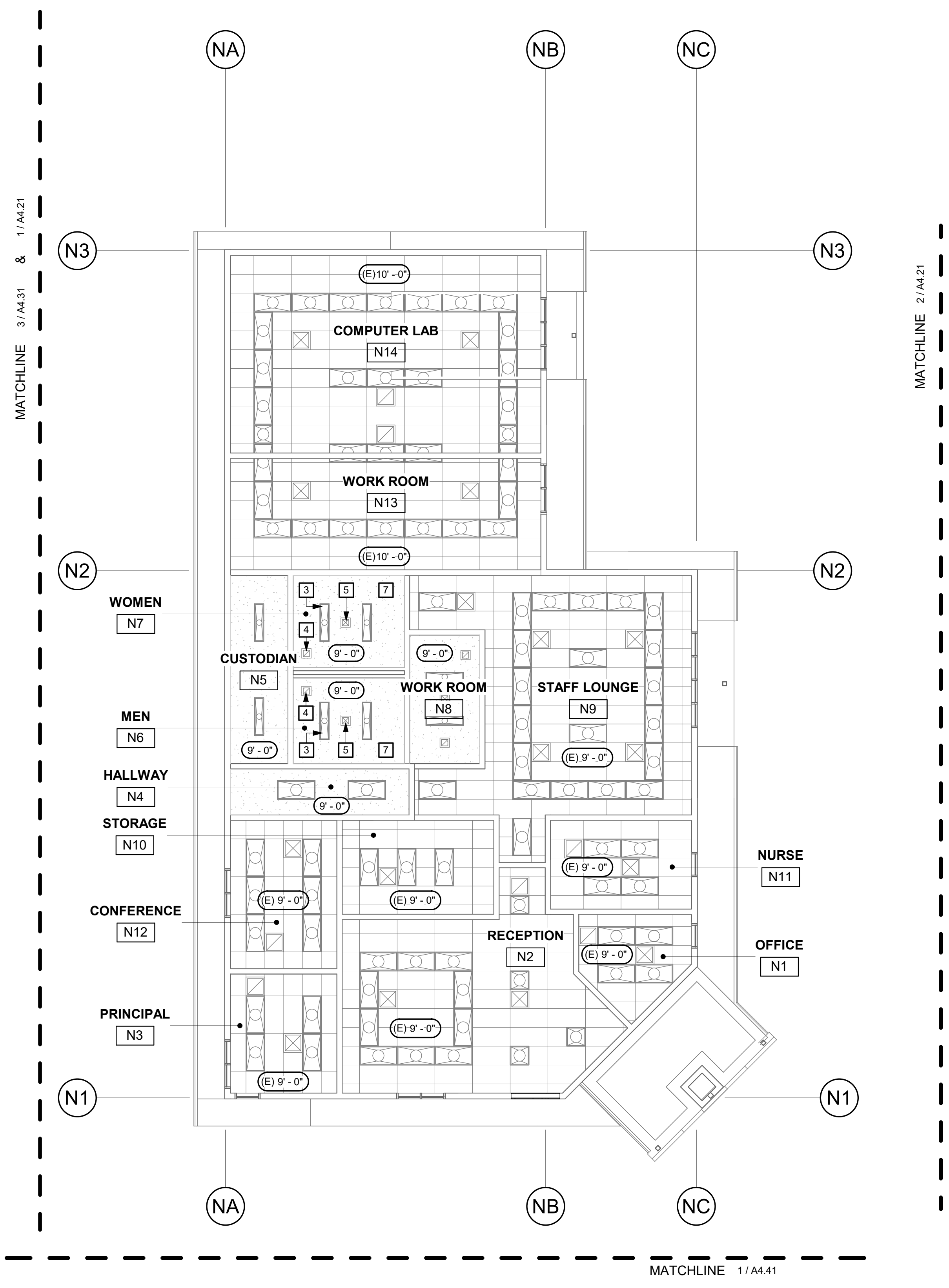


MATCHLINE 2 / A4.1

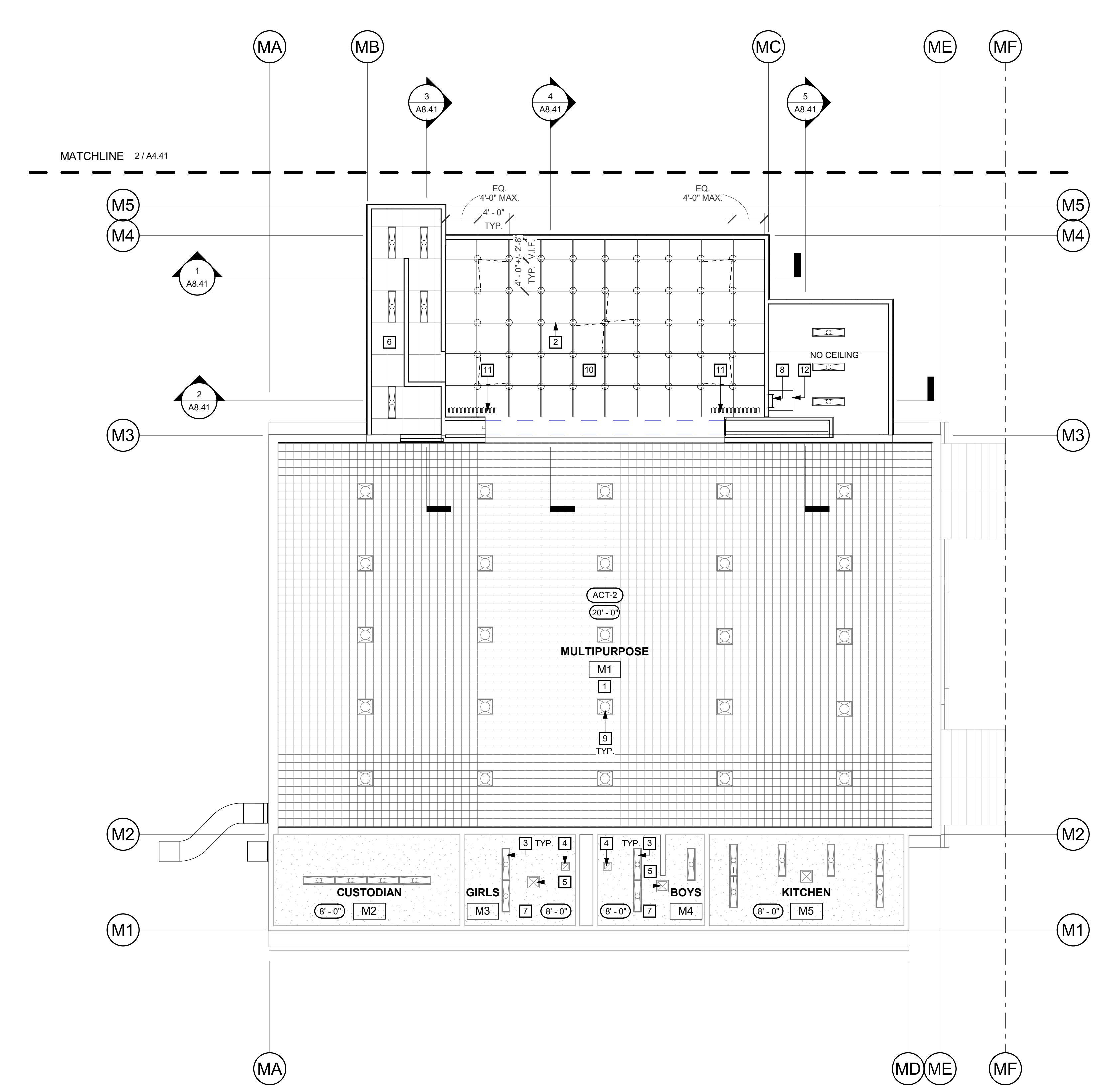


3 BUILDING L RCP
SCALE: 1/8" = 1'-0"

2 BUILDING D RCP - PARTIAL
SCALE: 1/8" = 1'-0"



2 BUILDING N RCP
SCALE: 1/8" = 1'-0"



1 BUILDING M RCP
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

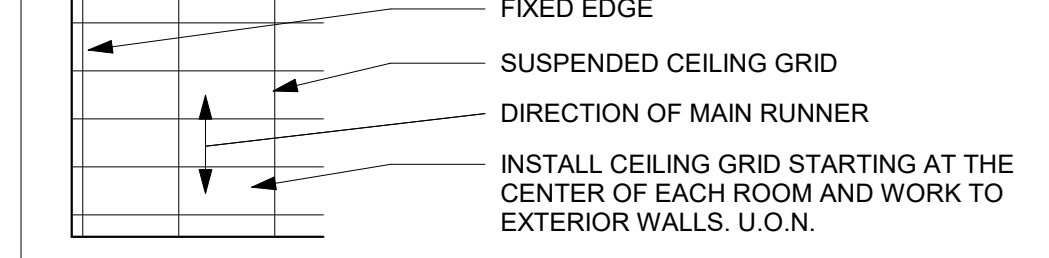
- A ROOM NAMES OR NUMBERS MAY NOT BE CONSISTENT BETWEEN DEMOLITION AND NEW PLANS.
- B REFER TO STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR EXTENT OF STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WORK.
- C REFER TO FINISH SCHEDULE ON SHEET A11.01 FOR CEILING FINISHES NOT SHOWN.
- D PROVIDE NEW CEILING TILE MATCHING ADJACENT TILES WHERE EXISTING LIGHTS, SPEAKERS OR OTHER EQUIPMENT WERE REMOVED.

REFLECTED CEILING PLAN KEYNOTES

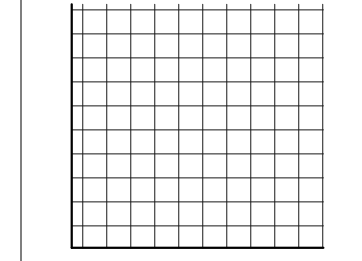
- 1 PATCH (E) CEILINGS AS REQUIRED AND INSTALL (N) 12" ACOUSTIC CEILING TILE OVER (E) GYP. BD.
- 2 (N) UNISTRUT GRID 4'-0" O.C. SEE SHEET A9.11 FOR DETAILS
- 3 (E) SURFACE MOUNTED LIGHT FIXTURE. REMOVE AND REINSTALL AS REQUIRED FOR CEILING GRID WORK. CLEAN AND PAINT, TYP.
- 4 (E) HVAC REGISTER. REMOVE AND REINSTALL AS REQUIRED FOR CEILING GRID WORK. CLEAN AND PAINT, TYP.
- 5 (E) HVAC DIFFUSER. REMOVE AND REINSTALL AS REQUIRED FOR CEILING GRID WORK. CLEAN AND PAINT, TYP.
- 6 (N) CEILING. REFER TO FINISH SCHEDULE ON SHEET A11.01
- 7 (E) GYP. BD. CEILING, PAINT, TYP.
- 8 (N) ROOF LADDER
- 9 (E) RECESSED LIGHT FIXTURE. REMOVE, STORE AND PROTECT LIGHT FIXTURES AS REQUIRED FOR CEILING GRID WORK AND REINSTALL
- 10 (N) GYP. BD. CEILING, PAINT
- 11 CURTAINS. REFER TO DETAIL 14A/11.10 AND SPECIFICATIONS
- 12 (N) ROOF HATCH

GRAPHIC KEY

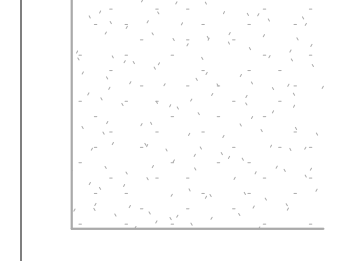
2'-0" x 4'-0" "T" BAR CEILING SYSTEM



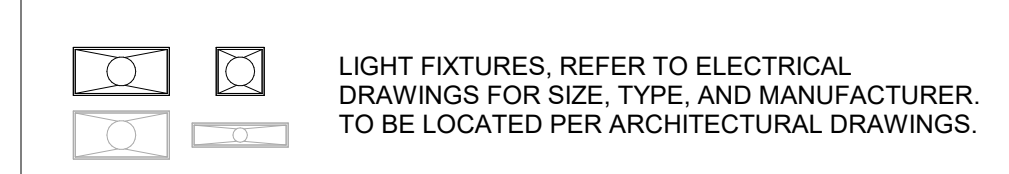
12" CEILING TILE



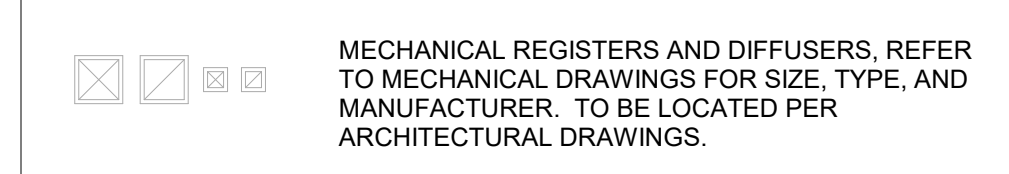
(E) GYPSUM BOARD CEILING OR SOFFIT



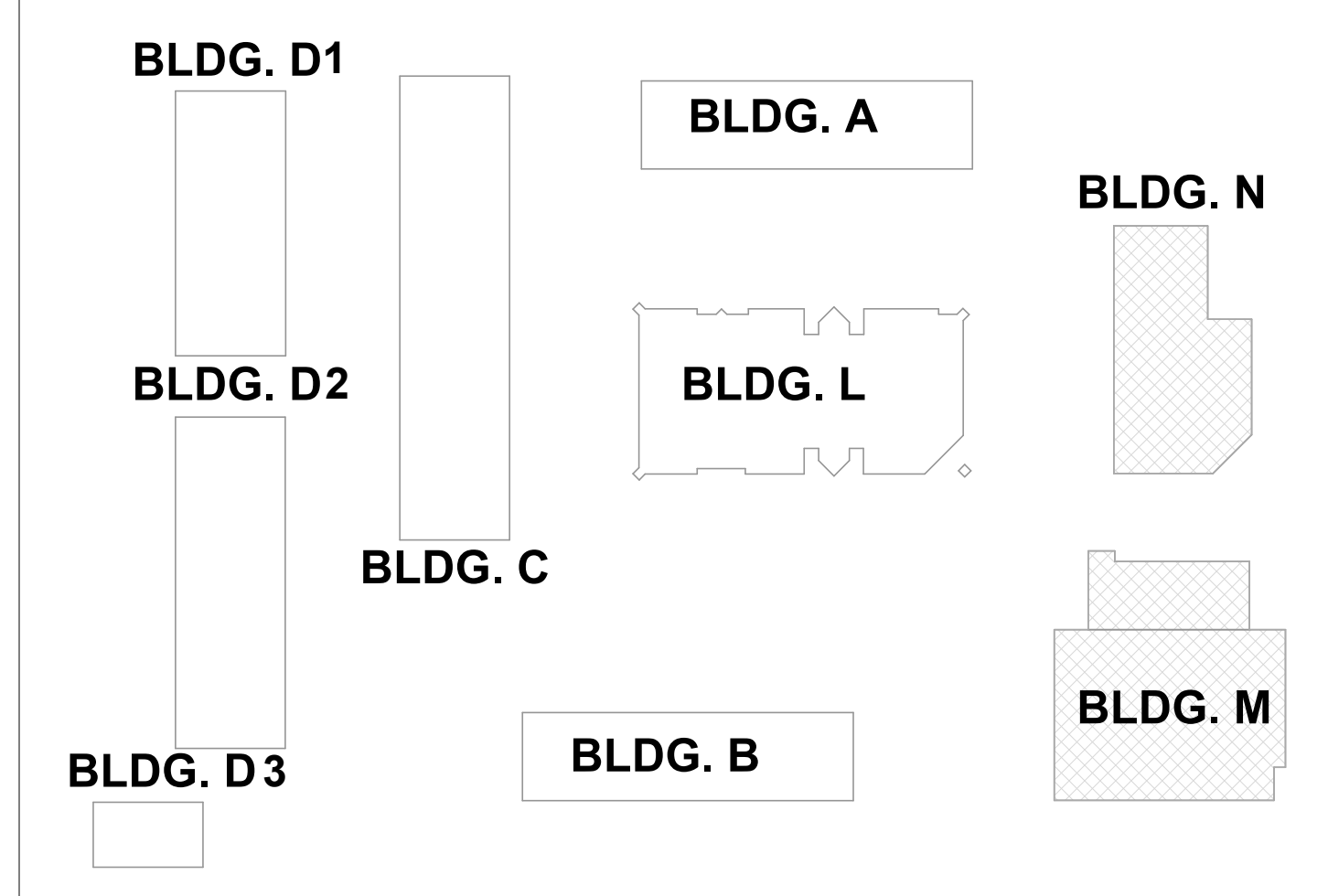
ELECTRICAL SYMBOLS



MECHANICAL SYMBOLS



BUILDING KEY

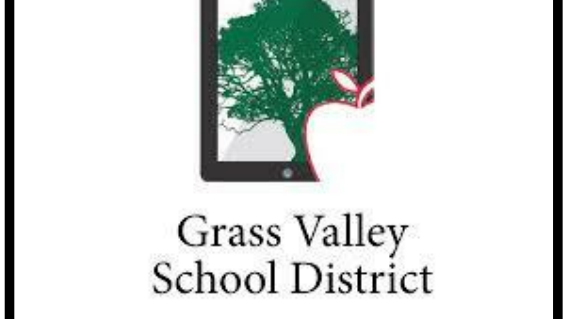


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02-117268 INC.
REVIEWED FOR
SS [] FLS [] ACS []
DATE: 05/17/2019

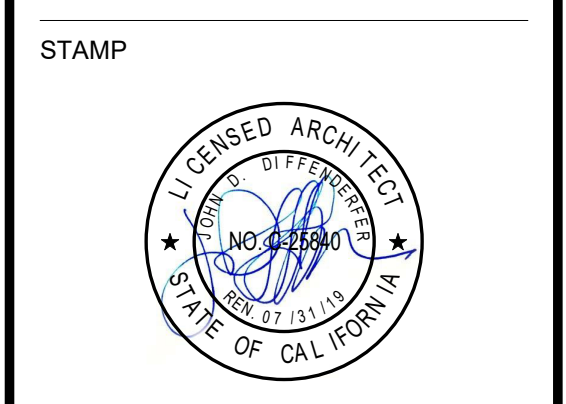
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www.aedisarchitects.com
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San Jose, CA 95113
tel: (408)-300-5160
fax: (408)-300-5121

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



GRASS VALLEY SCHOOL DISTRICT
CONSULTANT



STATE

REVISIONS

No.	Description	Date
△		

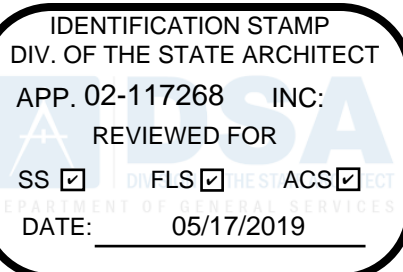
MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

REFLECTED CEILING PLAN - BUILDINGS M & N

DATE: 05/09/2019
JOB #: 2018045
SHEET #

A4.41



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PROJECT
**MARGARET
SCOTTEN ES
MODERNIZATION
2019**



Grass Valley
School District

GRASS VALLEY SCHOOL
DISTRICT

CONSULTANT

STAMP



STATE

REVISIONS

No. Description Date



MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

SHEET

**OVERALL ROOF
PLAN**

DATE 05/09/2019

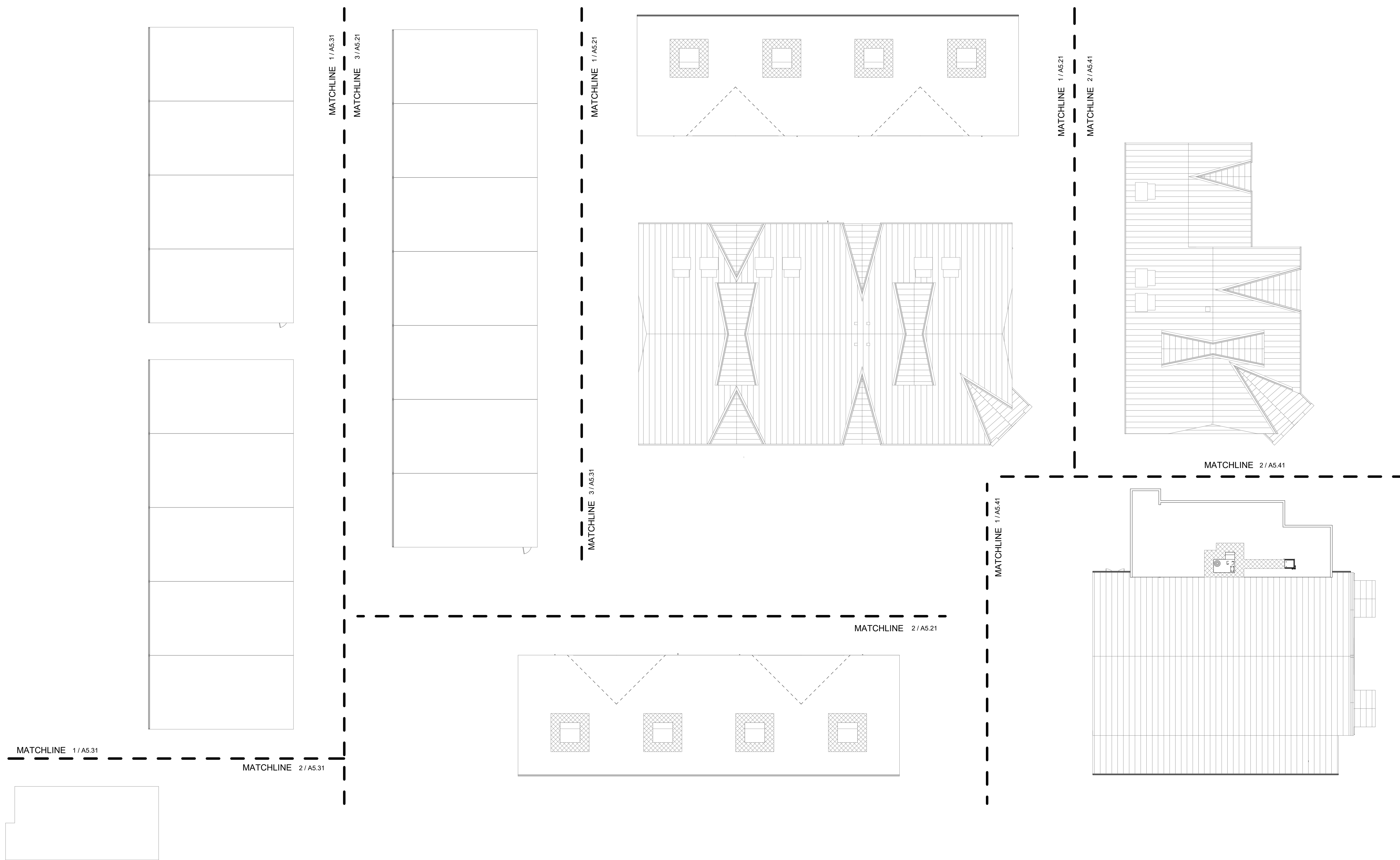
JOB # 2018045

SHEET #

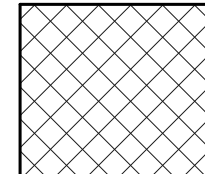
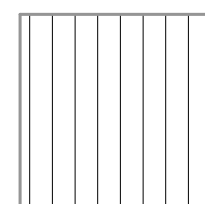

A5.11

GENERAL SHEET NOTES

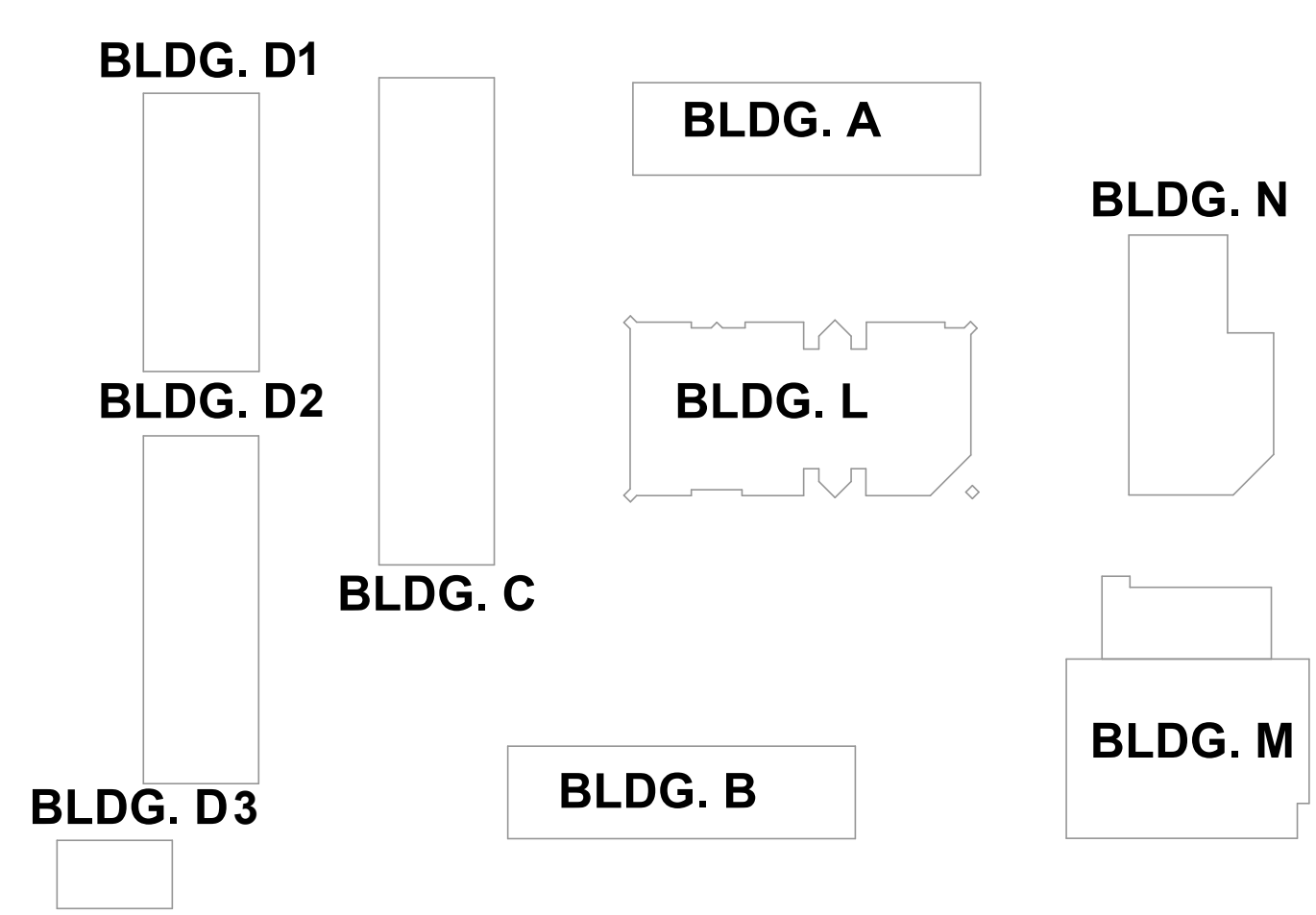
- A REFER TO STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR EXTENT OF STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WORK.
- B ALL EXPOSED SHEET METAL SHALL BE KYNAR COATED.
- C ALL TAPERED CRICKETS TO BE NEW.
- D PROVIDE TAPERED INSULATION (TO COMPLY W/ FLAME SPREAD AND SMOKE DENSITY REQUIREMENTS OF CBC 707.3) TO SLOPE TO DRAIN.
- E SIZE OF MECHANICAL EQUIPMENT PADS ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY REQUIRED PAD DIMENSION WITH EQUIPMENT MANUFACTURER.
- F ROOF CRICKETS, WHERE INDICATED, SHALL BE PROVIDED AS REQUIRED TO ENSURE A MINIMUM 1/4" PER FOOT VALLEY SLOPE. COORDINATE LOCATIONS OF CRICKETS WITH ROOFTOP EQUIPMENT.
- G ALL (N) ROOFS ARE TO BE CLASS A MINIMUM.
- H ALL GUTTERS TO RECEIVE LEAF GUARDS.
- I ALL VALLEY FLASHING TO BE 26 GA. MIN. 0/36" WIDE 72 LB UNPERFORATED MINERAL CAP SHEET THE ENTIRE LENGTH.
- J MANUFACTURER'S TYP. DETAILS ARE NOT SHOWN. PROVIDE AS REQUIRED FOR COMPLETE INSTALLATION AND MANUFACTURER'S WARRANTY.



GRAPHIC KEY

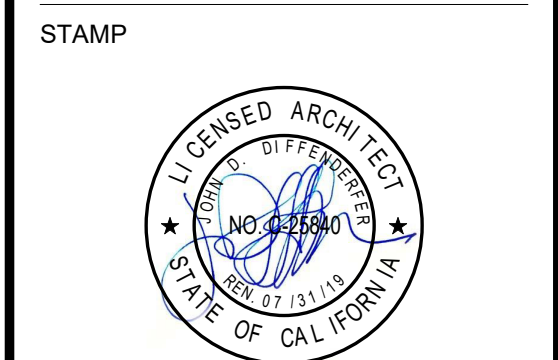
-  WALKING PAD
-  (E) STANDING SEAM METAL ROOF
-  SINGLE-PLY ROOFING

BUILDING KEY



1 OVERALL ROOF PLAN
SCALE: 1/16" = 1'-0"

C:\Users\msaeachao\Documents\Scotten_Modernization_bldgs (2018 version)_msaeachao.rvt
5/9/2019 2:00:16 PM



REVISIONS

No.	Description	Date
△		

MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

SHEET

**ROOF PLANS -
 BUILDINGS A, B &
 C**

GENERAL SHEET NOTES

- A REFER TO STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR EXTENT OF STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WORK.
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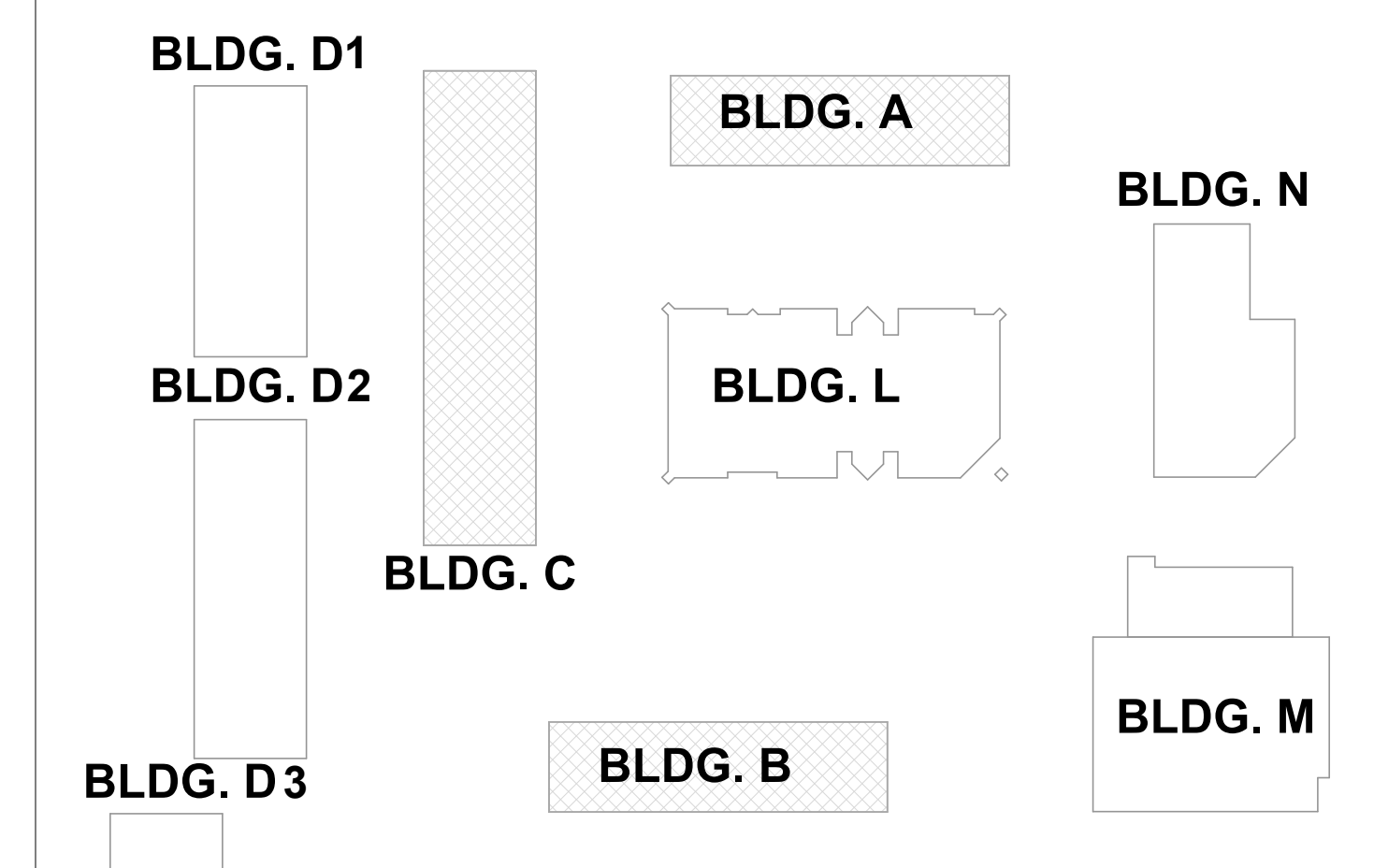
ROOF PLAN KEYNOTES

- 1 (E) METAL ROOFING TO REMAIN. INSTALL (N) SINGLE-PLY ROOFING AND RIGID INSULATION OVER (E) METAL ROOFING.
- 2 REPLACE ALL (E) VENTS AND (E) FLASHING; VENTS SHALL MEET ASTM E2886. SHALL BE NON COMBUSTIBLE, AND HAVE GALVANIZED MESH NO LARGER THAN 1/8" OPENINGS
- 3 REPLACE (E) ROOF MOUNTED HVAC UNIT WITH (N) HVAC UNIT. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
- 4 (N) GUTTER W/ LEAF GUARD
- 5 DEMO (E) DORMER TO ROOFING BELOW, TYP.
- 6 ROOF WALKING PAD, REFER TO SPECS FOR FURTHER INFORMATION

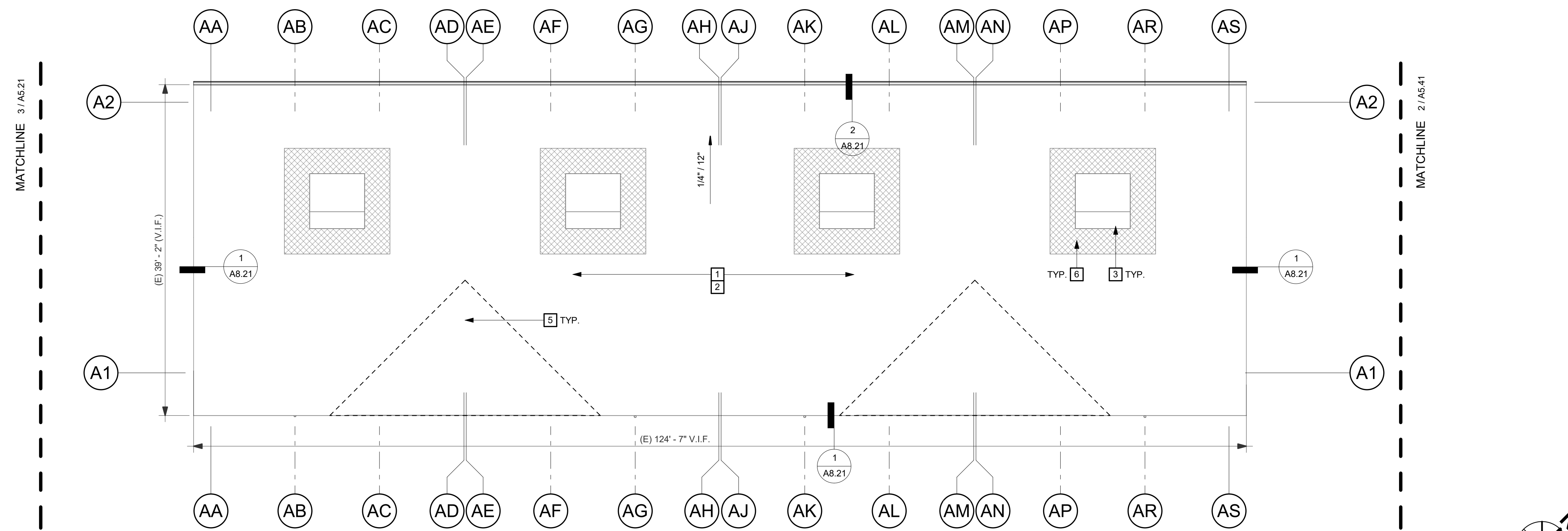
GRAPHIC KEY

- WALKING PAD
- (E) STANDING SEAM METAL ROOF
- SINGLE-PLY ROOFING

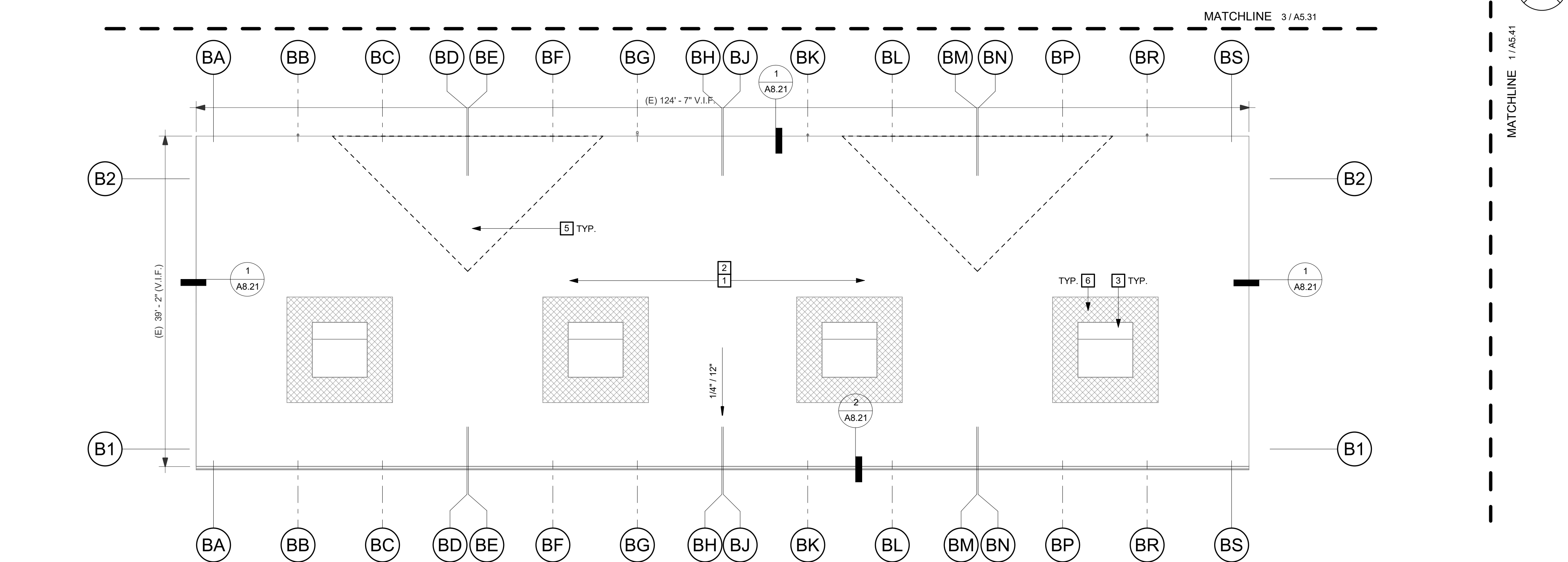
BUILDING KEY



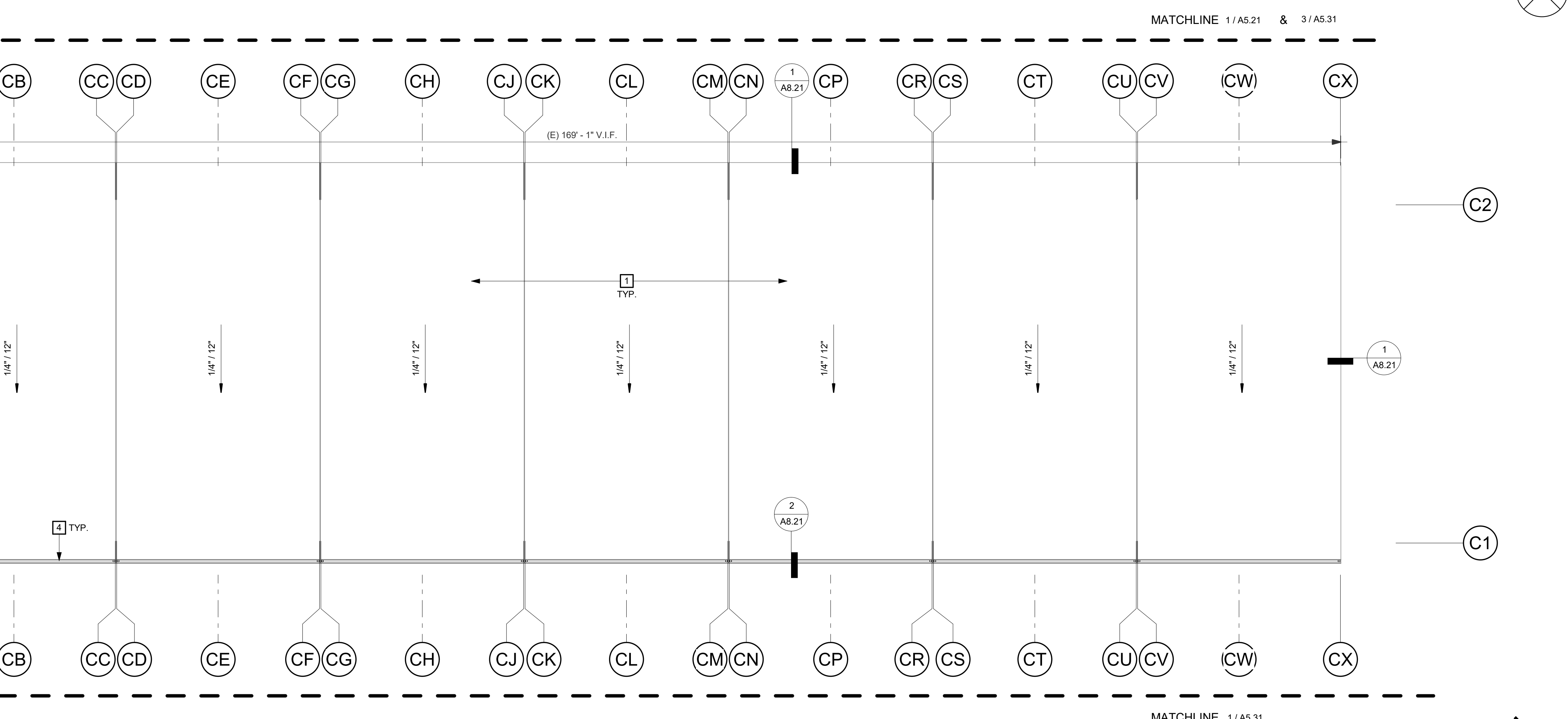
1 BUILDING A ROOF PLAN
 SCALE: 1/8" = 1'-0"

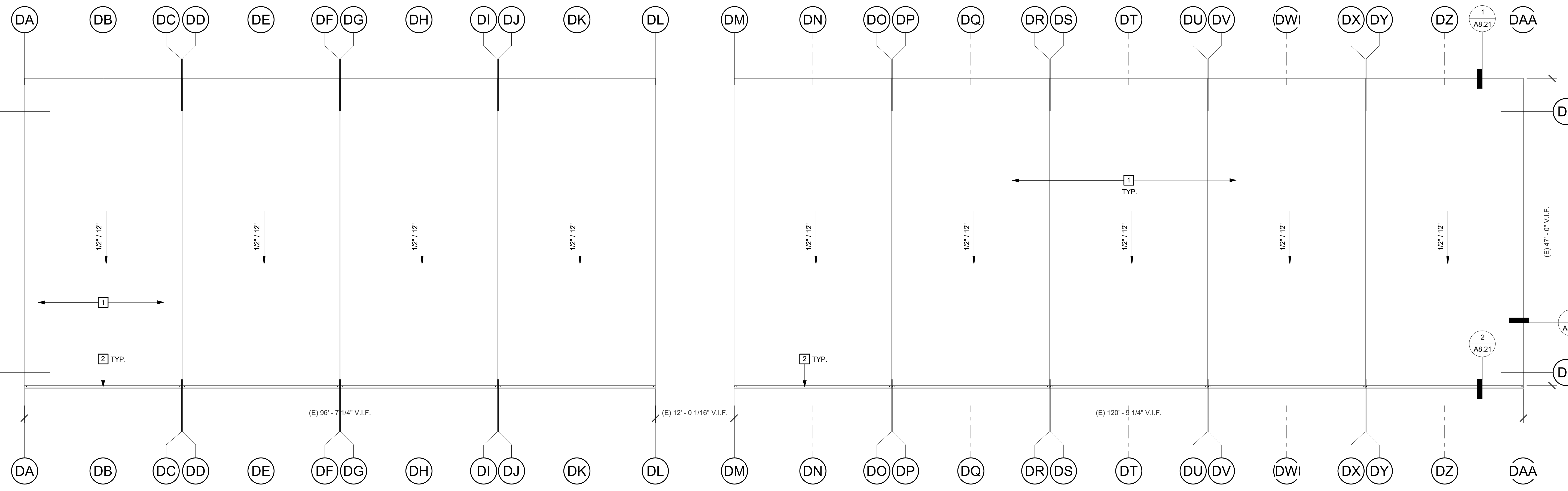


2 BUILDING B ROOF PLAN
 SCALE: 1/8" = 1'-0"

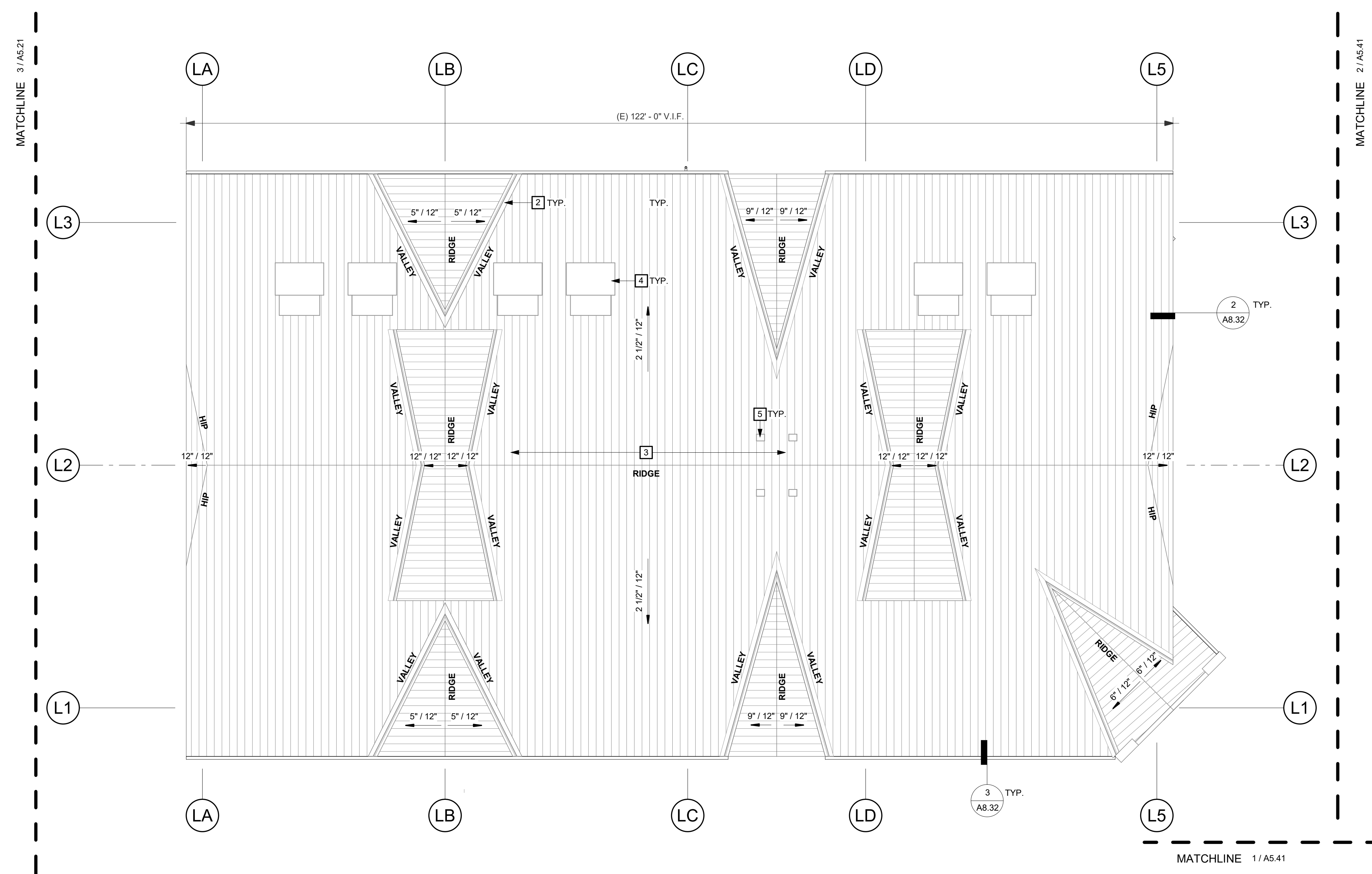


3 BUILDING C ROOF PLAN
 SCALE: 1/8" = 1'-0"

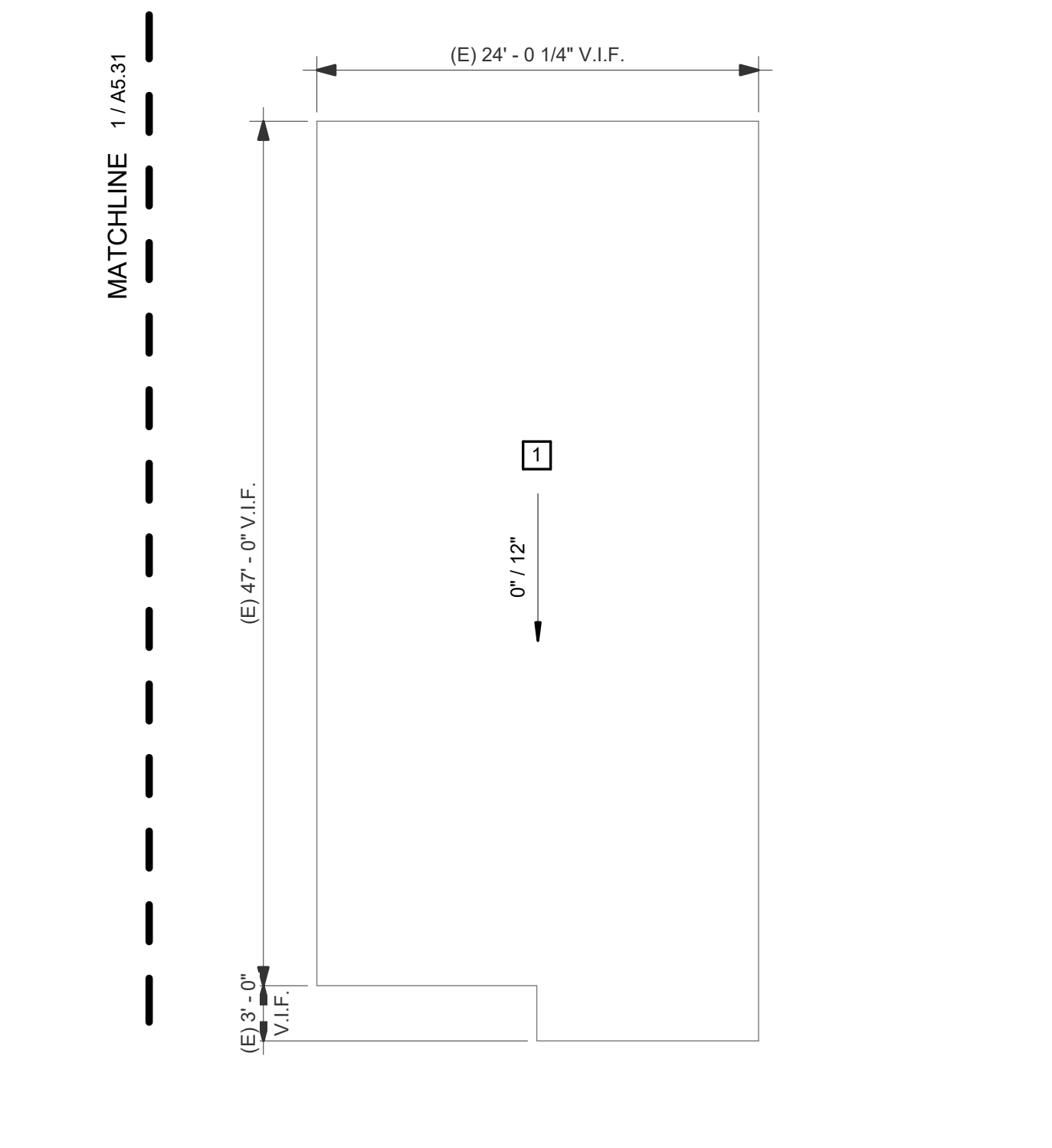




1 BUILDING D ROOF PLAN - PARTIAL
SCALE: 1/8" = 1'-0"



3 BUILDING L ROOF PLAN
SCALE: 1/8" = 1'-0"



2 BUILDING D ROOF PLAN - PARTIAL
SCALE: 1/8" = 1'-0"

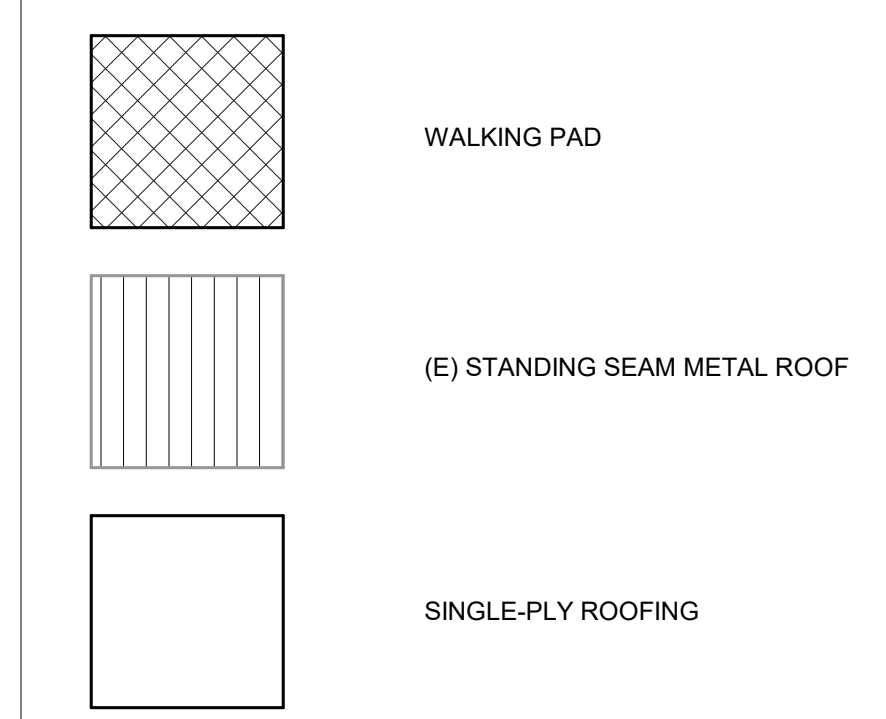
GENERAL SHEET NOTES

- A REFER TO STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR EXTENT OF STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WORK.
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- I ALL VALLEY FLASHING TO BE 26 GA. MIN. 0/36" WIDE 72 LB UNPERFORATED MINERAL CAP SHEET THE ENTIRE LENGTH.
- J MANUFACTURER'S TYP. DETAILS ARE NOT SHOWN. PROVIDE AS REQUIRED FOR COMPLETE INSTALLATION AND MANUFACTURER'S WARRANTY.

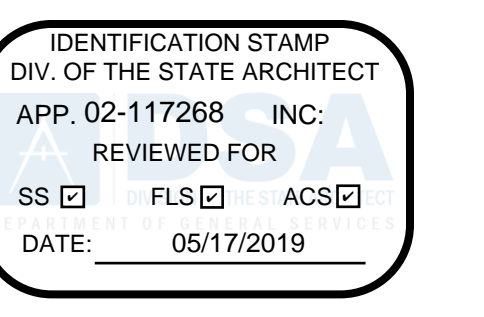
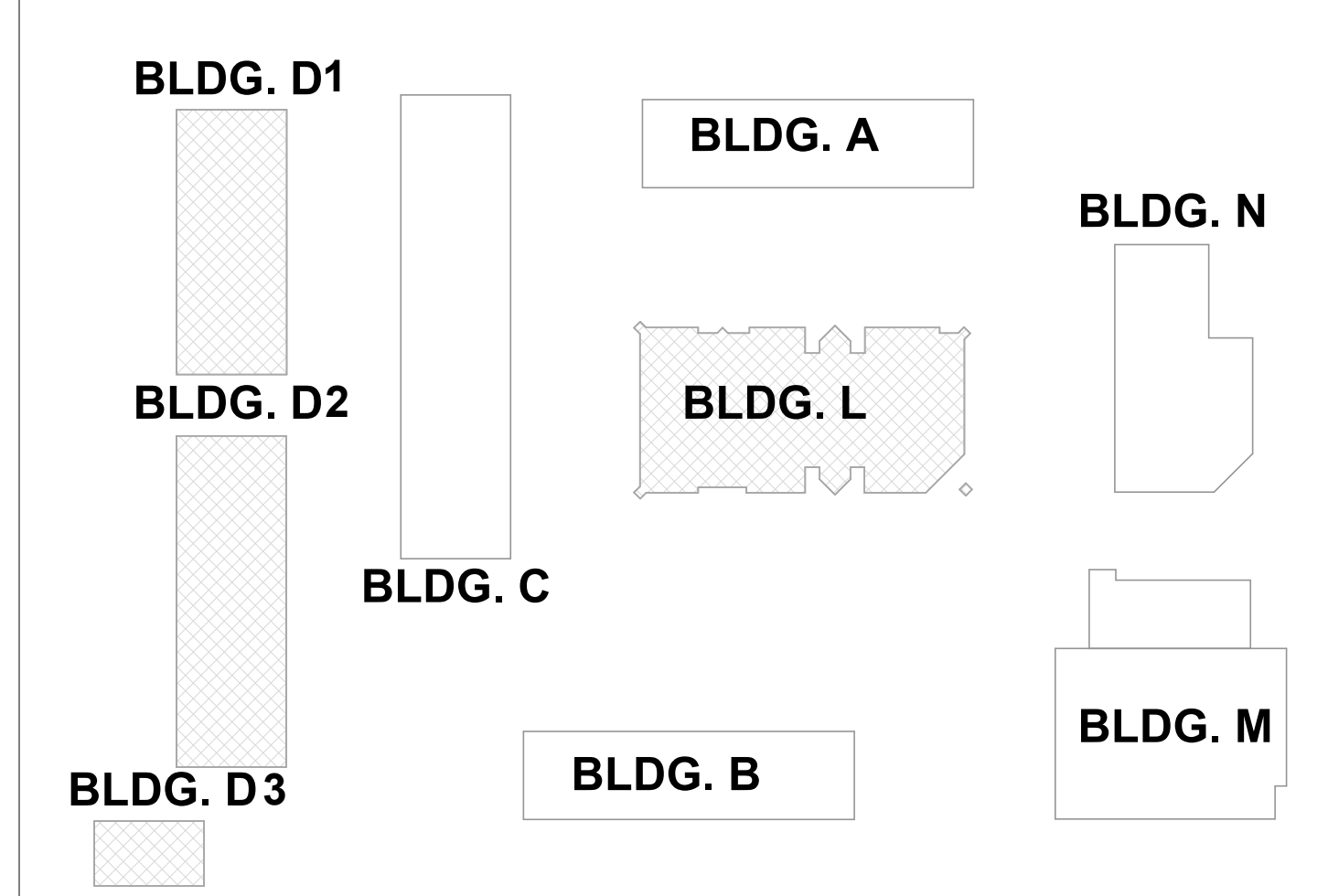
ROOF PLAN KEYNOTES

- 1 (E) METAL ROOFING TO REMAIN. INSTALL (N) SINGLE-PLY ROOFING AND RIGID INSULATION OVER (E) METAL ROOFING.
- 2 (N) GUTTER W/ LEAF GUARD
- 3 (E) STANDING SEAM METAL ROOF TO BE REPAIRED. SEE SCOPE IN SPECIFICATION
- 4 REPLACE (E) ROOF MOUNTED HVAC UNIT WITH (N) HVAC UNIT. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION
- 5 REPLACE ALL (E) VENTS AND (E) FLASHING. VENTS SHALL MEET ASTM E2886. SHALL BE NON COMBUSTIBLE, AND HAVE GALVANIZED MESH NO LARGER THAN 1/8" OPENINGS

GRAPHIC KEY



BUILDING KEY



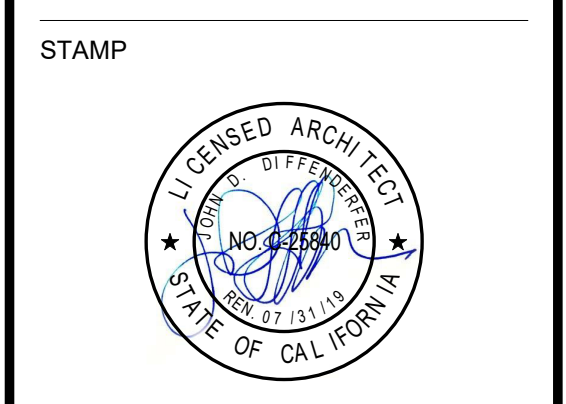
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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT
CONSULTANT



STATE

REVISIONS

No.	Description	Date
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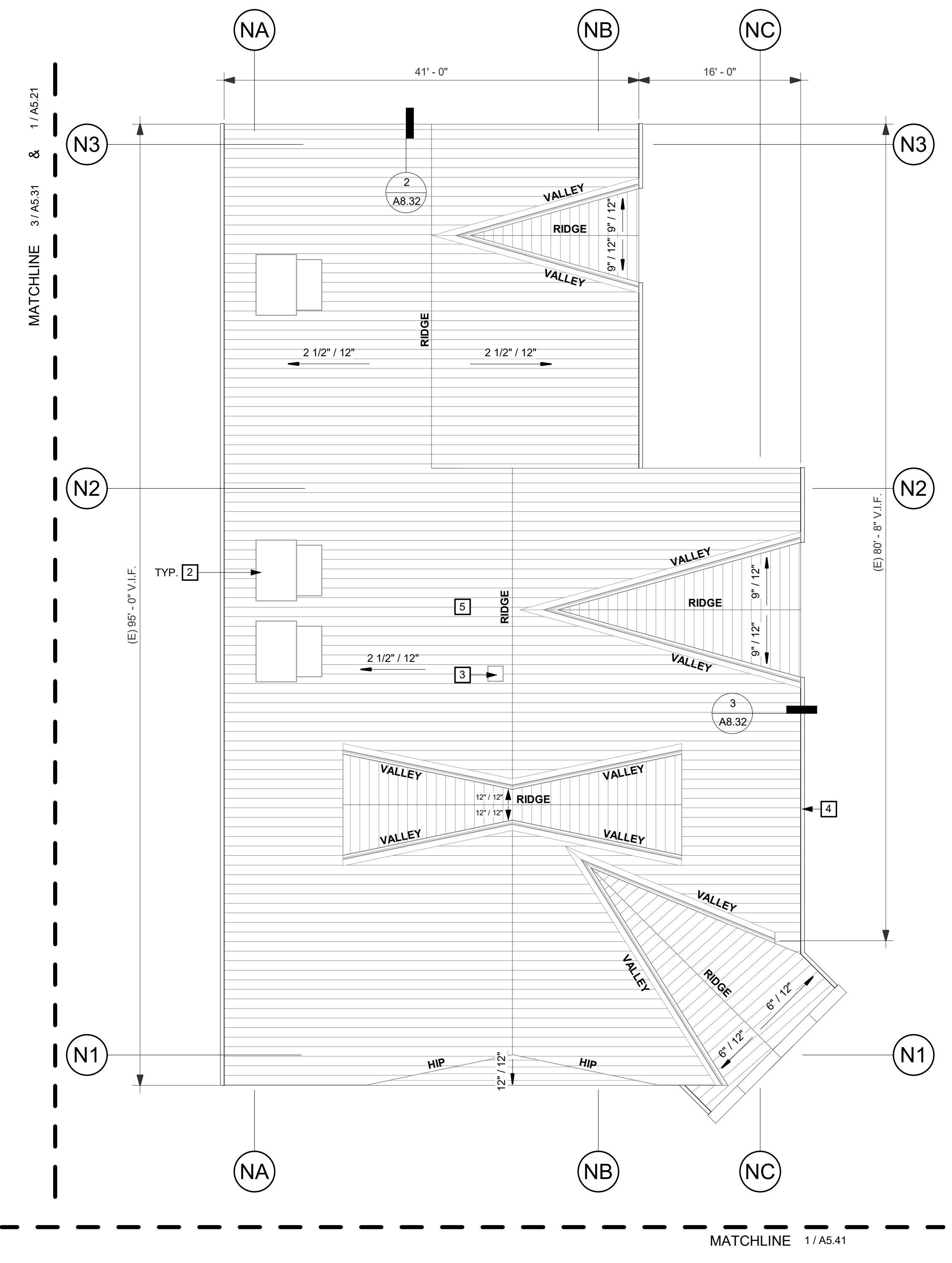
MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

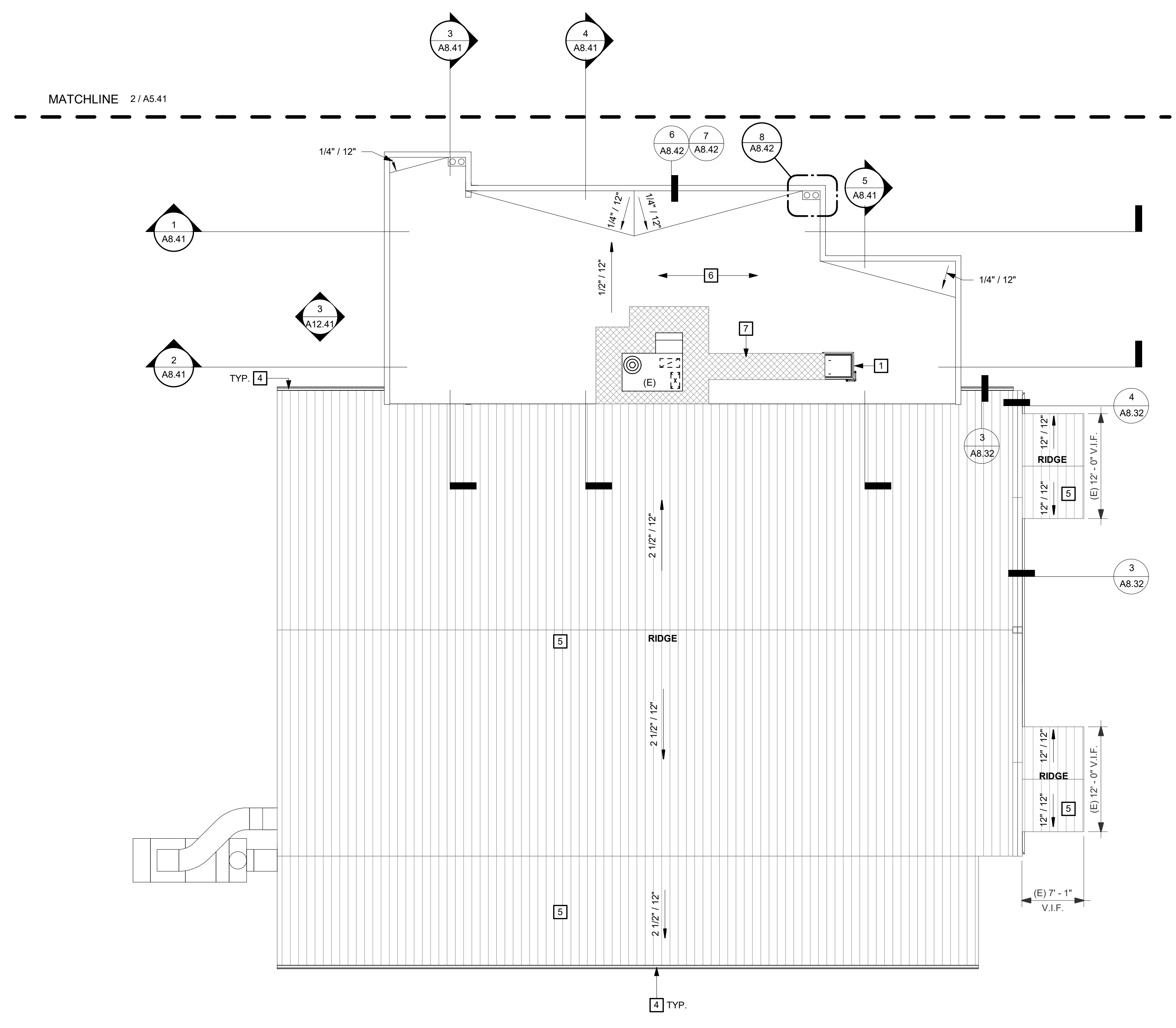
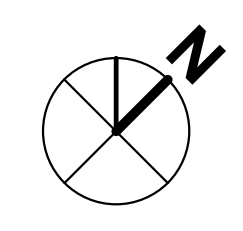
SHEET
ROOF PLANS - BUILDINGS D & L

DATE: 05/09/2019
JOB #: 2018045
SHEET #

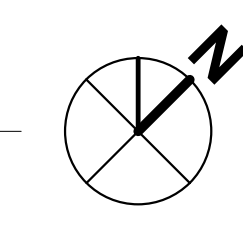
A5.31



2 BUILDING N ROOF PLAN
SCALE: 1/8" = 1'-0"



1 BUILDING M ROOF PLAN
SCALE: 1/8" = 1'-0"



GENERAL SHEET NOTES

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- G ALL (N) ROOFS ARE TO BE CLASS A MINIMUM.
- H ALL GUTTERS TO RECEIVE LEAF GUARDS.
- I ALL VALLEY FLASHING TO BE 28 GA. MIN. O/36" WIDE 72 LB UNPERFORATED MINERAL CAP SHEET THE ENTIRE LENGTH.
- J MANUFACTURER'S TYP. DETAILS ARE NOT SHOWN. PROVIDE AS REQUIRED FOR COMPLETE INSTALLATION AND MANUFACTURER'S WARRANTY.

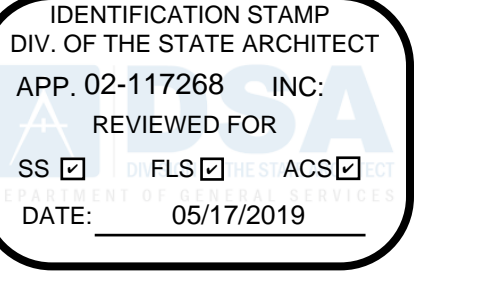
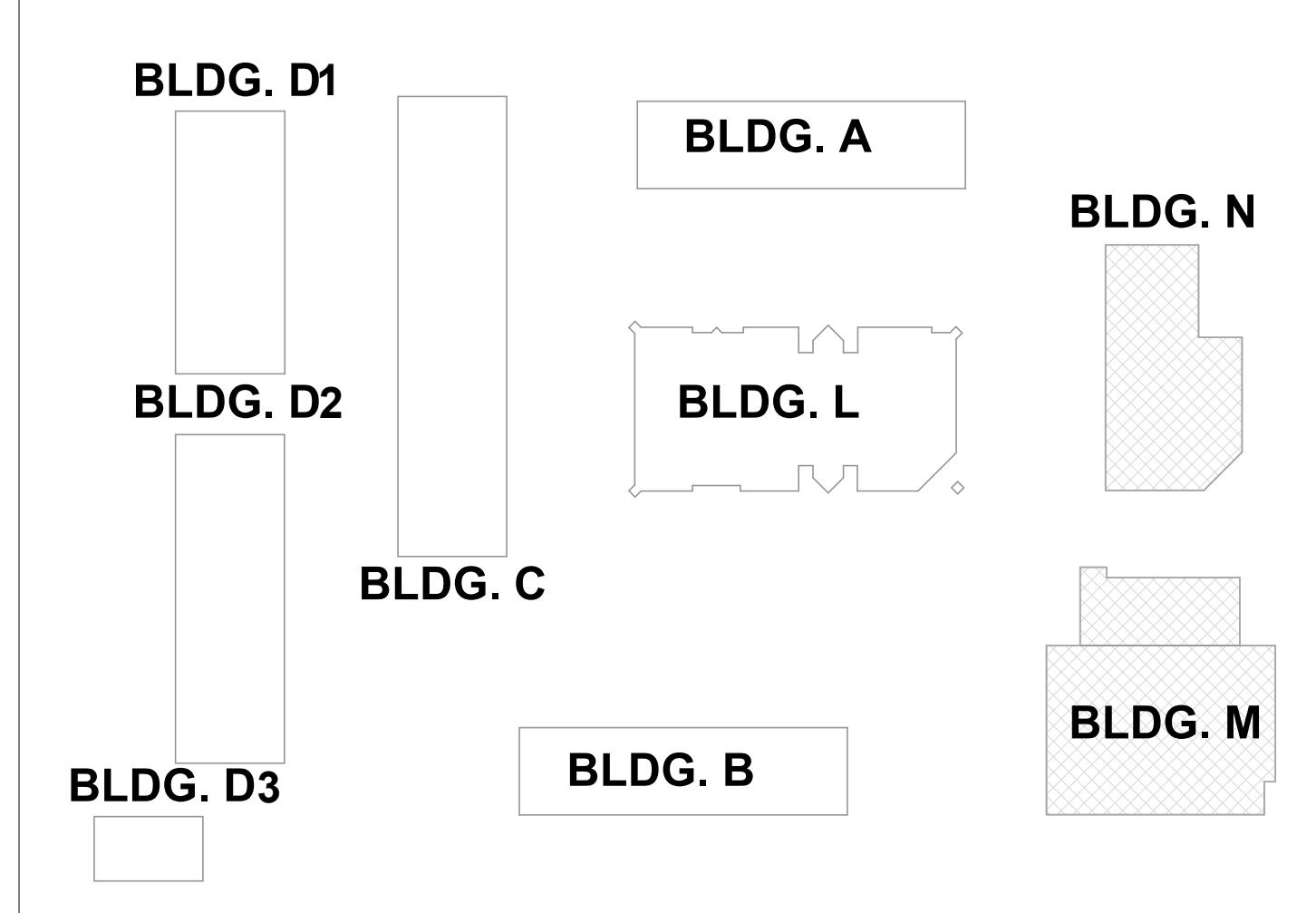
ROOF PLAN KEYNOTES

- 1 (N) ROOF HATCH
- 2 REPLACE (E) ROOF MOUNTED HVAC UNIT WITH (N) HVAC UNIT, SEE MECHANICAL DRAWINGS FOR MORE INFORMATION
- 3 (E) EXHAUST FAN
- 4 FASCIA GUTTER, TYP.
- 5 (E) STANDING SEAM METAL ROOF TO BE REPAIRED; SEE SCOPE IN SPECIFICATION
- 6 SINGLE-PLY ROOFING, REFER TO SPECS FOR FURTHER INFORMATION
- 7 ROOF WALKING PAD, REFER TO SPECS FOR FURTHER INFORMATION

GRAPHIC KEY

- WALKING PAD
- (E) STANDING SEAM METAL ROOF
- SINGLE-PLY ROOFING

BUILDING KEY



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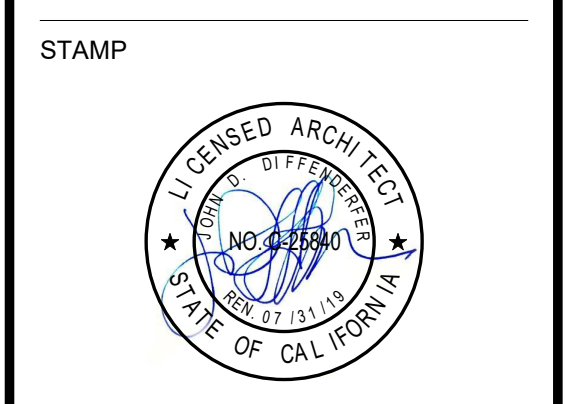
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San Jose, CA 95113
tel: (408) 300-5160
fax: (408) 300-5121

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT

CONSULTANT



STATE

REVISIONS

No.	Description	Date
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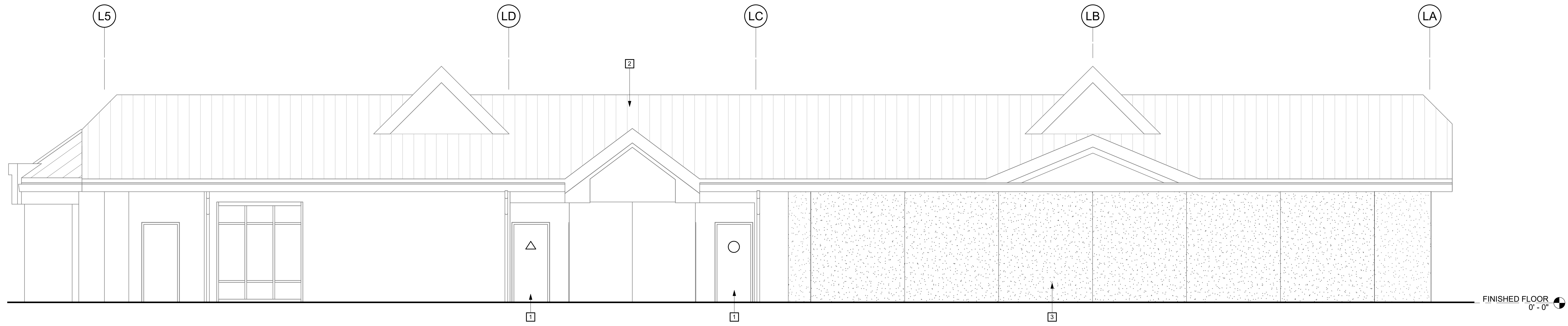
MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

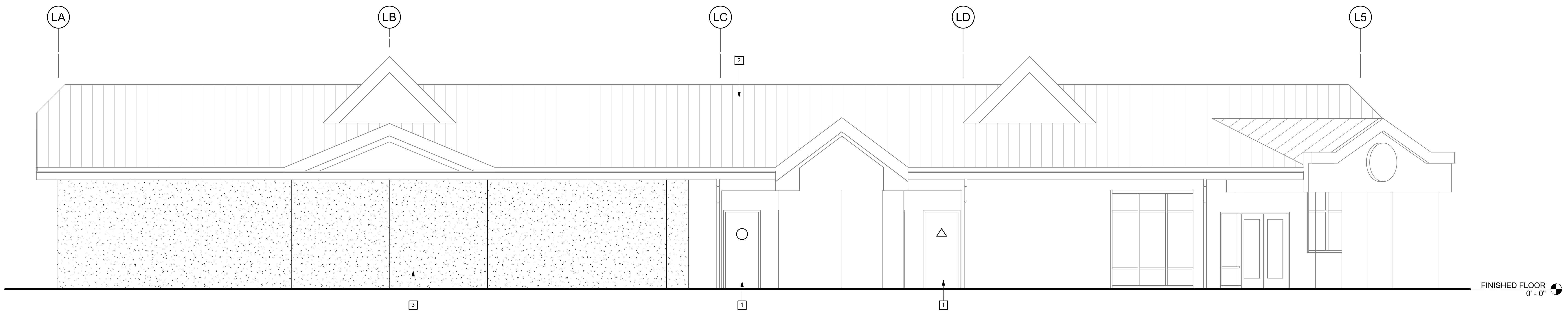
ROOF PLANS - BUILDINGS M & N

DATE 05/09/2019
JOB # 2018045
SHEET #

A5.41



1 BUILDING L - NORTH ELEVATION
 SCALE: 1/4" = 1'-0"



2 BUILDING L - SOUTH ELEVATION
 SCALE: 1/4" = 1'-0"

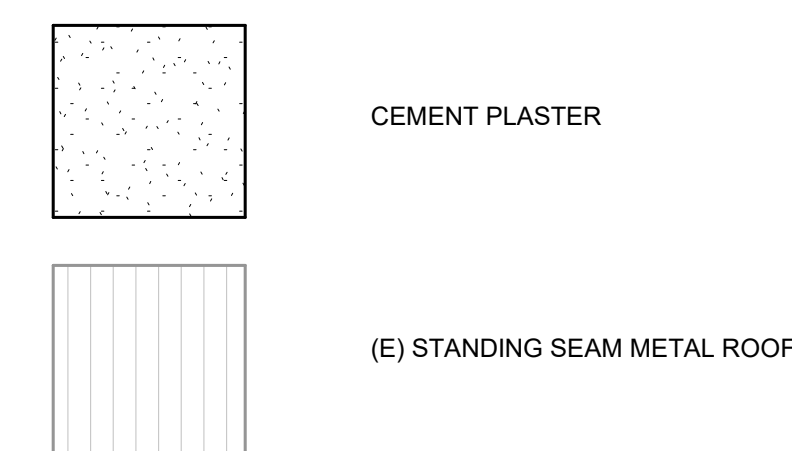
GENERAL SHEET NOTES

- A REFER TO A11.01 FINISH LEGEND FOR EXTERIOR FINISHES, MATERIALS AND COLORS. EXTERIOR COLORS TO MATCH (E)
- B RWL, SCUPPER GUTTER, COPING AND FLASHING TO MATCH ADJACENT FINISH COLORS.
- C SEE PLANS AND DOOR SCHEDULE FOR SIGNAGE.
- D EXTERIOR WALL MOUNTED LIGHT FIXTURES TO BE 80" MIN. ABOVE FINISH GRADE.
- E THE CONTRACTOR SHALL PAINT ALL VISIBLE, EXPOSED COMPONENTS INCLUDING BUT NOT LIMITED TO WINDOW AND DOOR FRAMES, DOORS, WALLS, COLUMNS, BEAMS, FASCIAS, SOFFITS, FLUES, PIPES, CONDUIT, RAIN WATER LEADERS, HANDRAILS, GUTTERS, FENCES, FLASHING, EQUIPMENT, LOUVERS, VENTS, FIXTURES, BENCHES, ETC. U.O.N.

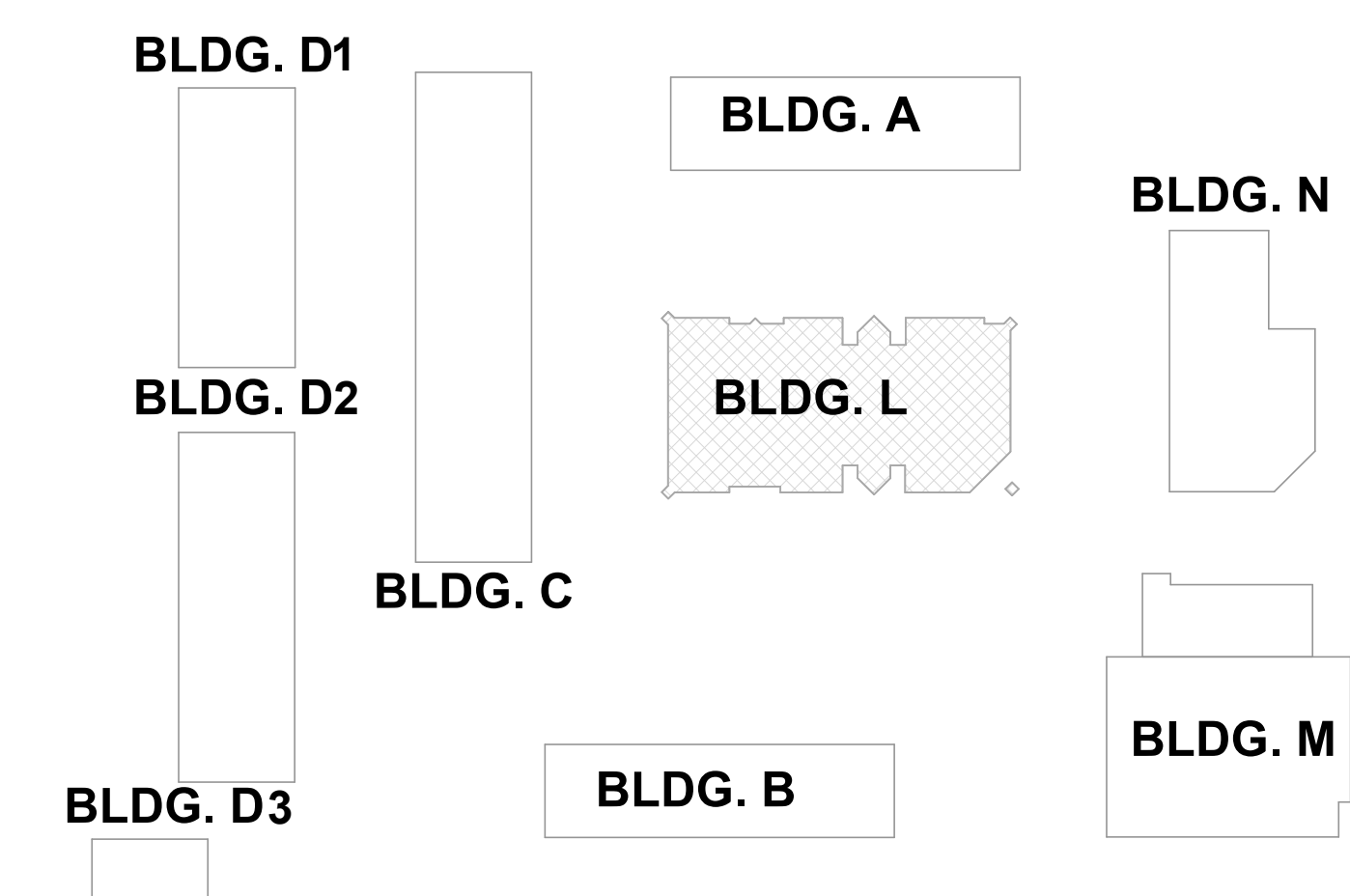
EXTERIOR ELEVATION KEYNOTES

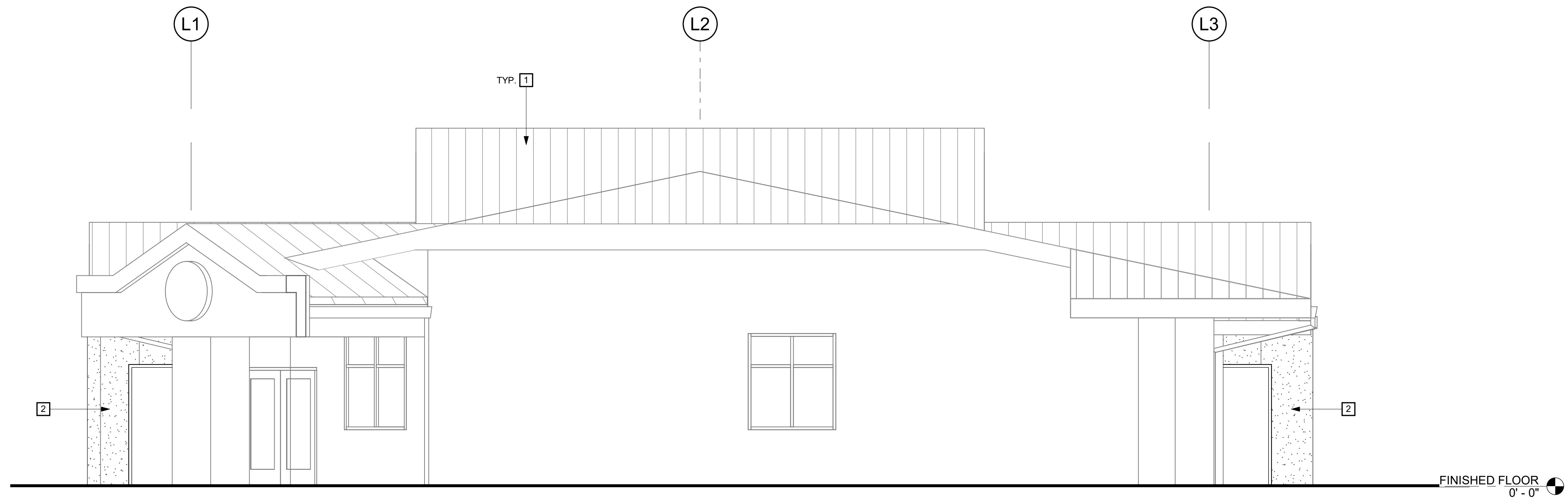
- 1 (E) DOOR AND FRAME, PROVIDE AND INSTALL (N) SIGNAGE AND PAINT
- 2 (E) STANDING SEAM METAL ROOF TO BE REPAIRED; SEE SCOPE IN SPECIFICATION
- 3 CEMENT PLASTER FINISH, PAINT TYP.

GRAPHIC KEY

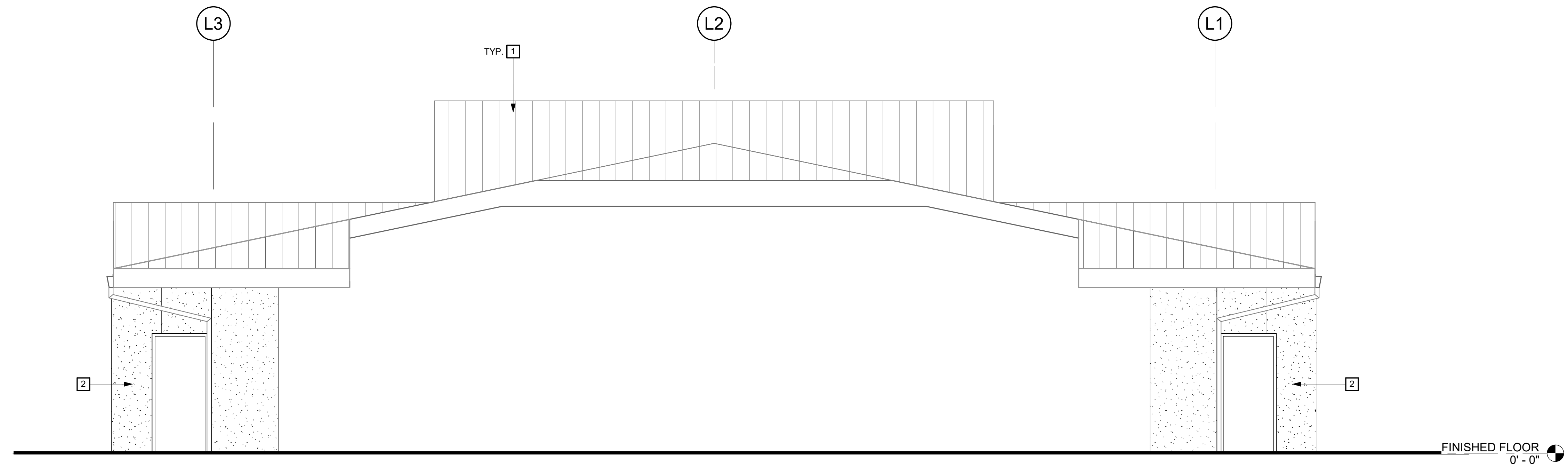


BUILDING KEY





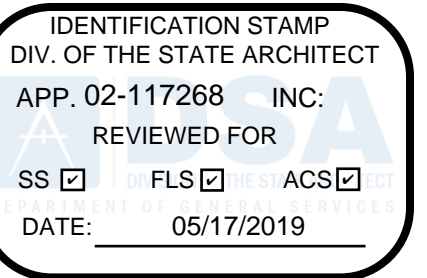
1 BUILDING L - EAST ELEVATION
SCALE: 1/4" = 1'-0"



2 BUILDING L - WEST ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- A REFER TO A11.01 FINISH LEGEND FOR EXTERIOR FINISHES, MATERIALS AND COLORS. EXTERIOR COLORS TO MATCH (E)
- B RWL, SCUPPER GUTTER, COPING AND FLASHING TO MATCH ADJACENT FINISH COLORS.
- C SEE PLANS AND DOOR SCHEDULE FOR SIGNAGE.
- D EXTERIOR WALL MOUNTED LIGHT FIXTURES TO BE 80" MIN. ABOVE FINISH GRADE.
- E THE CONTRACTOR SHALL PAINT ALL VISIBLE, EXPOSED COMPONENTS INCLUDING BUT NOT LIMITED TO WINDOW AND DOOR FRAMES, DOORS, WALLS, COLUMNS, BEAMS, FASCIAS, SOFFITS, FLUES, PIPES, CONDUIT, RAIN WATER LEADERS, HANDRAILS, GUTTERS, FENCES, FLASHING, EQUIPMENT, LOUVERS, VENTS, FIXTURES, BENCHES, ETC. U.O.N.



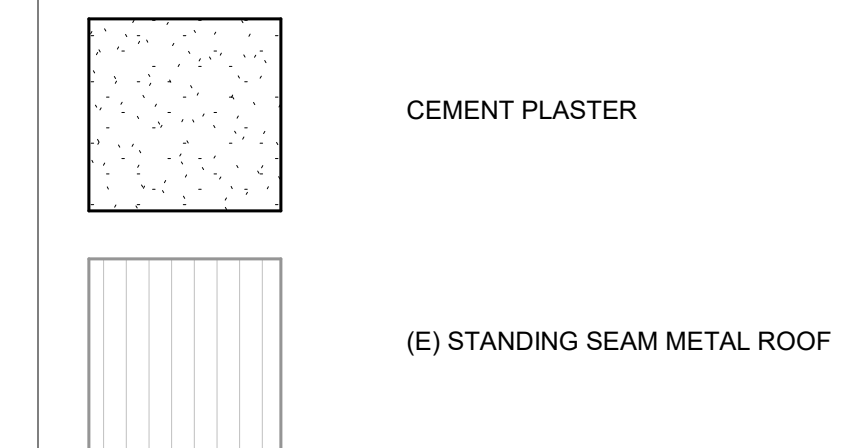
aedis
architects

www.aedisarchitects.com
387 S. 1st Street, Suite 300
San Jose, CA 95113
tel: (408)-300-5160
fax: (408)-300-5121

EXTERIOR ELEVATION KEYNOTES

- 1 (E) STANDING SEAM METAL ROOF TO BE REPAIRED; SEE SCOPE IN SPECIFICATION
- 2 CEMENT PLASTER FINISH, PAINT TYP.

GRAPHIC KEY



PROJECT

**MARGARET
SCOTTEN ES
MODERNIZATION
2019**



Grass Valley
School District

GRASS VALLEY SCHOOL
DISTRICT

CONSULTANT

STAMP



STATE

REVISIONS

No.	Description	Date
1		

MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

SHEET

**EXTERIOR
ELEVATIONS -
BUILDING L**

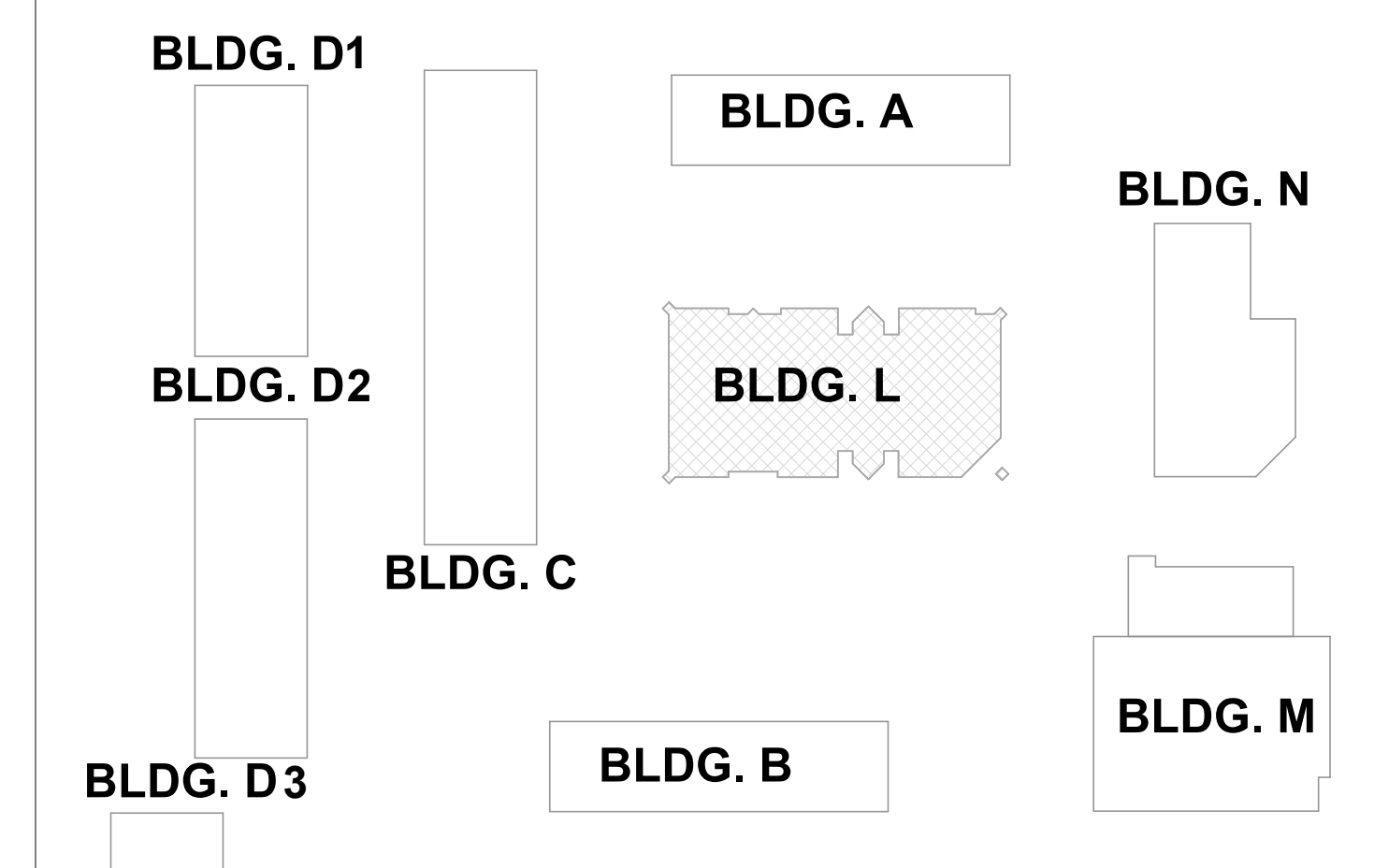
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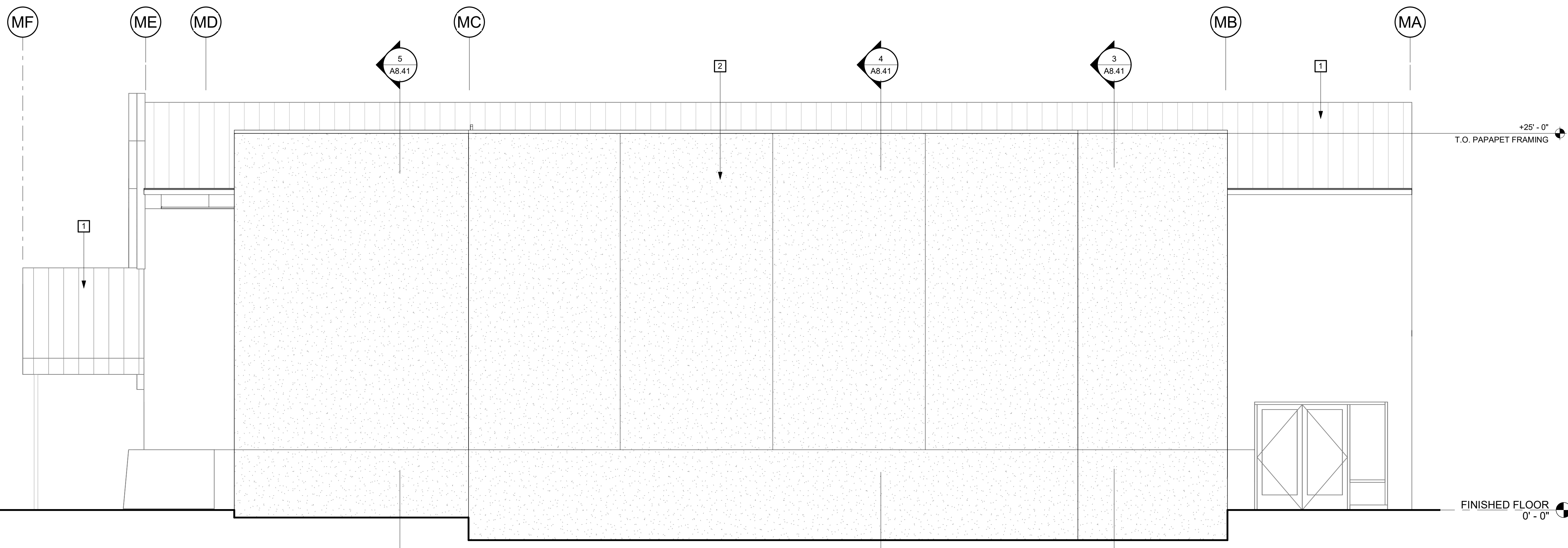
JOB # 2018045

SHEET #

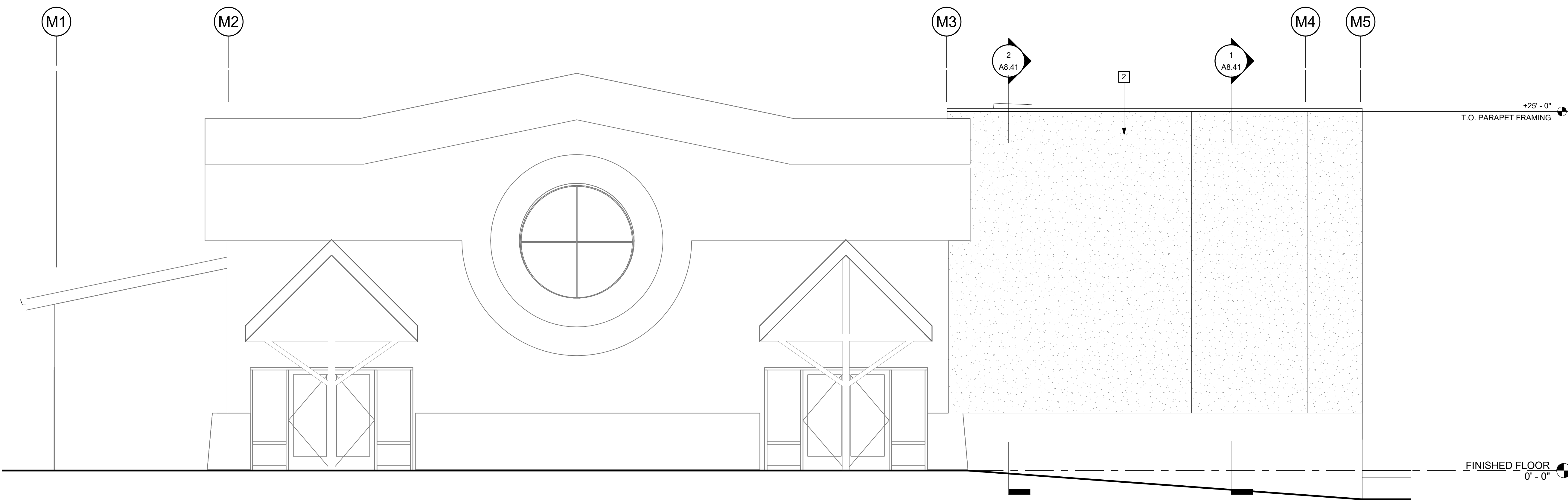
A6.32

BUILDING KEY

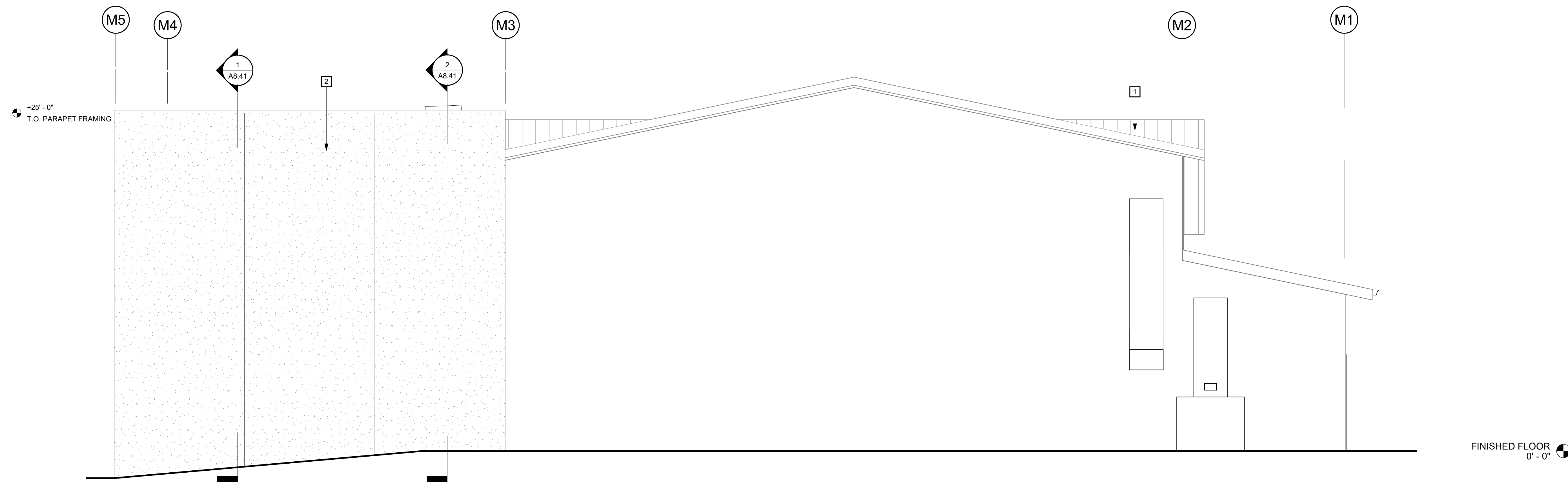




1 BUILDING M - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



2 BUILDING M - EAST ELEVATION
SCALE: 1/4" = 1'-0"



3 BUILDING M - WEST ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- A REFER TO A11.01 FINISH LEGEND FOR EXTERIOR FINISHES, MATERIALS AND COLORS. EXTERIOR COLORS TO MATCH (E)
- B RWL, SCUPPER GUTTER, COPING AND FLASHING TO MATCH ADJACENT FINISH COLORS.
- C SEE PLANS AND DOOR SCHEDULE FOR SIGNAGE.
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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02-117268 INC.
REVIEWED FOR
SS FLS ACS
DATE: 05/17/2019

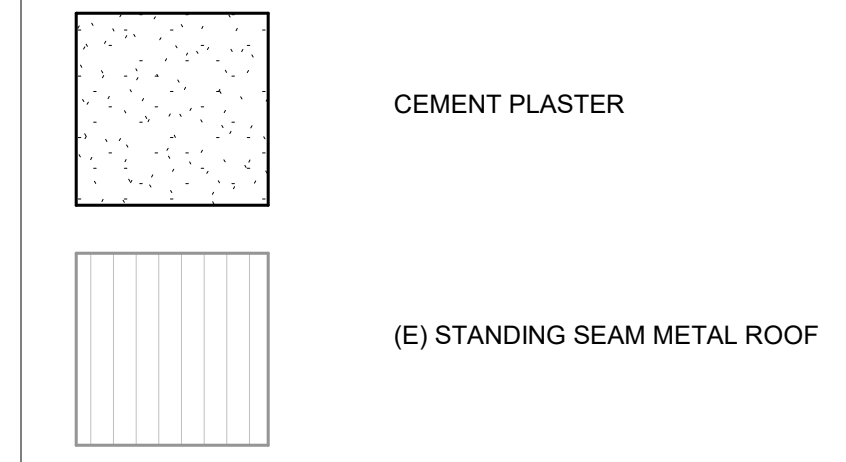
aedis
architects

www.aedisarchitects.com
387 S. 1st Street, Suite 300
San Jose, CA 95113
tel: (408)-300-5160
fax: (408)-300-5121

EXTERIOR ELEVATION KEYNOTES

- 1 (E) STANDING SEAM METAL ROOF TO BE REPAIRED; SEE SCOPE IN SPECIFICATION
- 2 CEMENT PLASTER FINISH, PAINT TYP.

GRAPHIC KEY

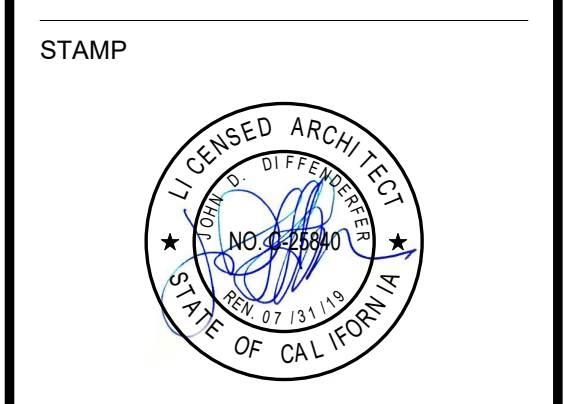


PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT

CONSULTANT



STATE

REVISIONS

No.	Description	Date
1		

MILESTONES

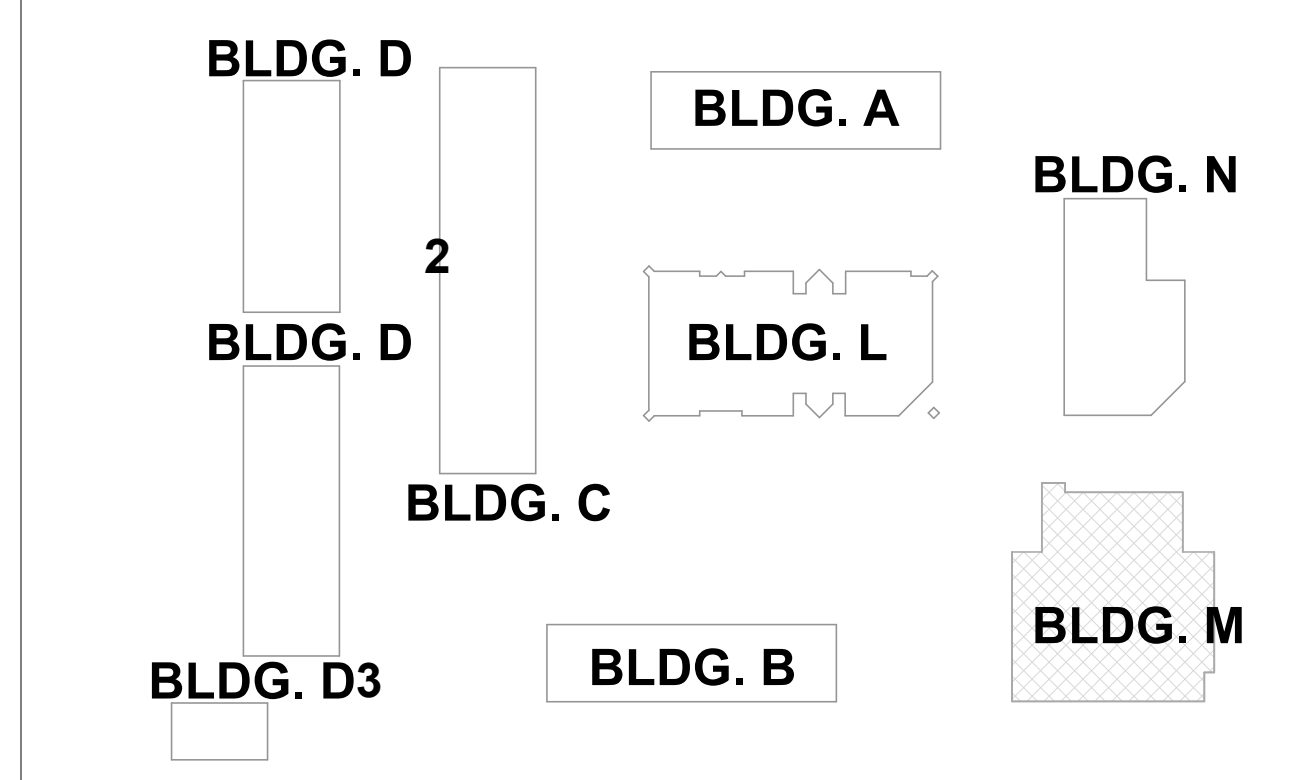
SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

EXTERIOR ELEVATIONS - BUILDING M

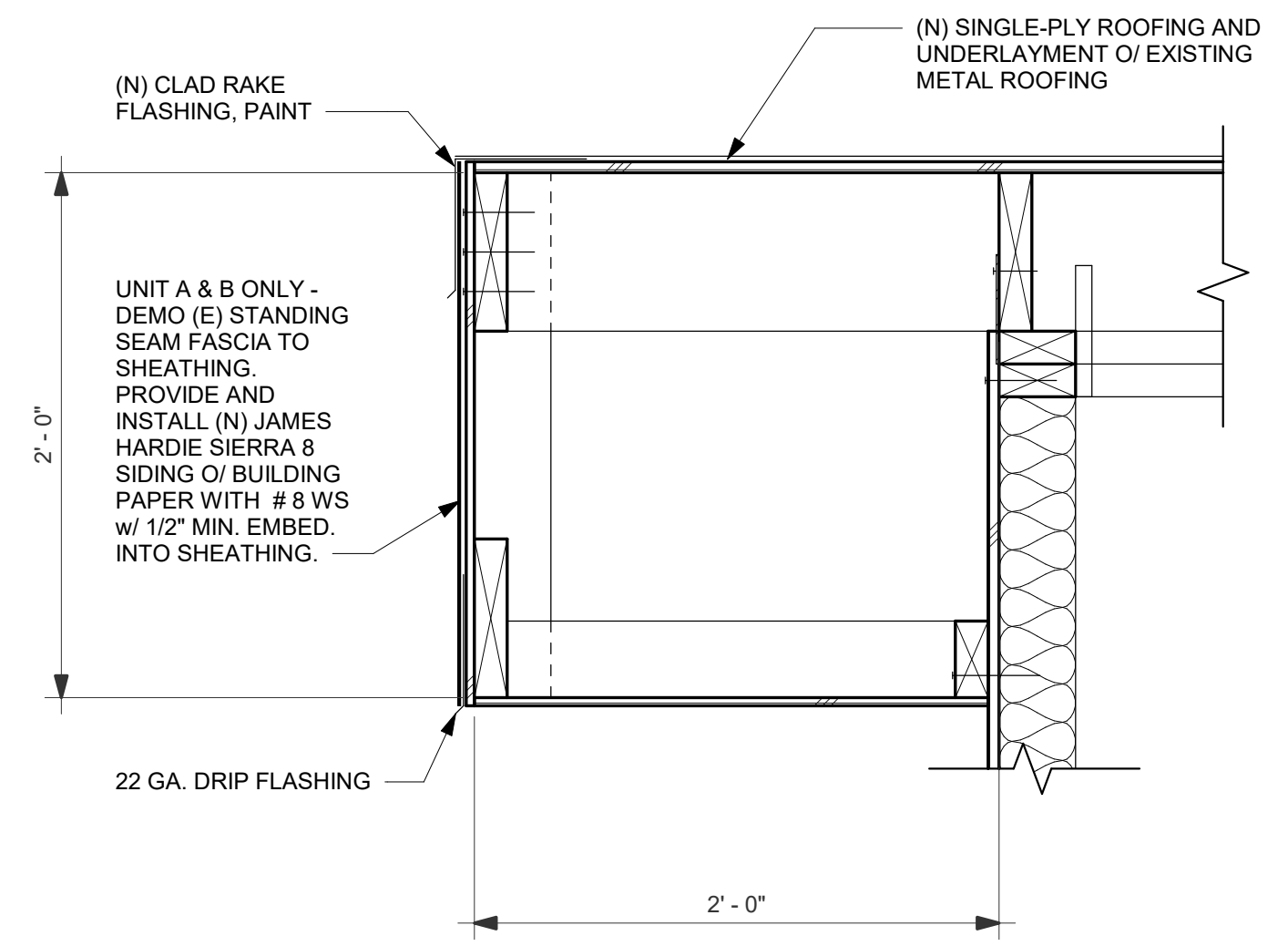
DATE 05/09/2019
JOB # 2018045
SHEET #

A6.41

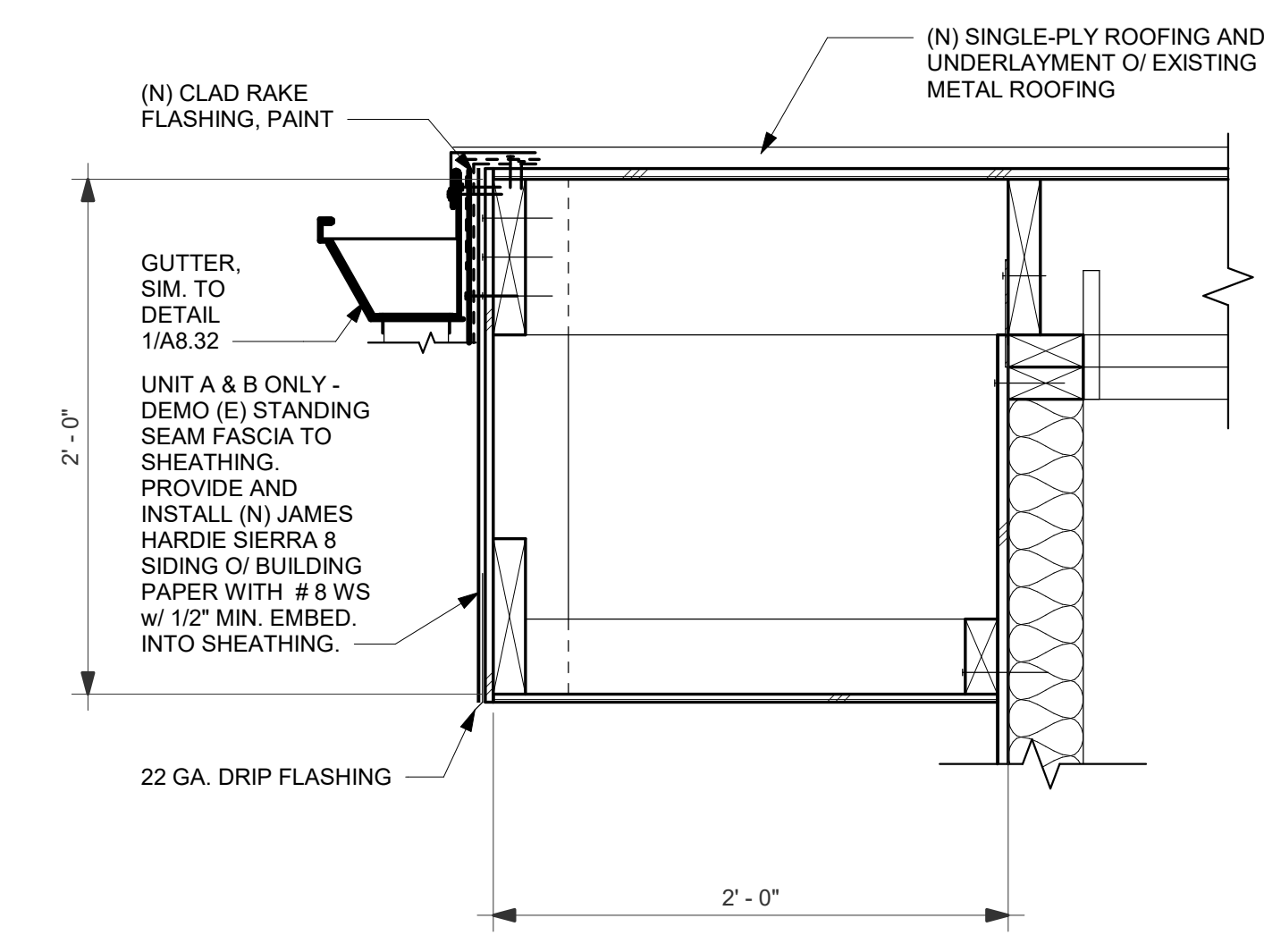
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1 FASCIA AND RAKE FLASHING DETAIL
 SCALE: 1 1/2" = 1'-0"

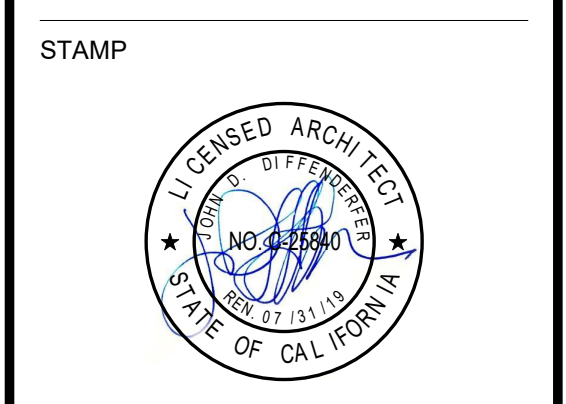


2 FASCIA, GUTTER AND RAKE FLASHING DETAIL
 SCALE: 1 1/2" = 1'-0"

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
 GRASS VALLEY SCHOOL DISTRICT
 CONSULTANT



STATE

REVISIONS

No.	Description	Date
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MILESTONES

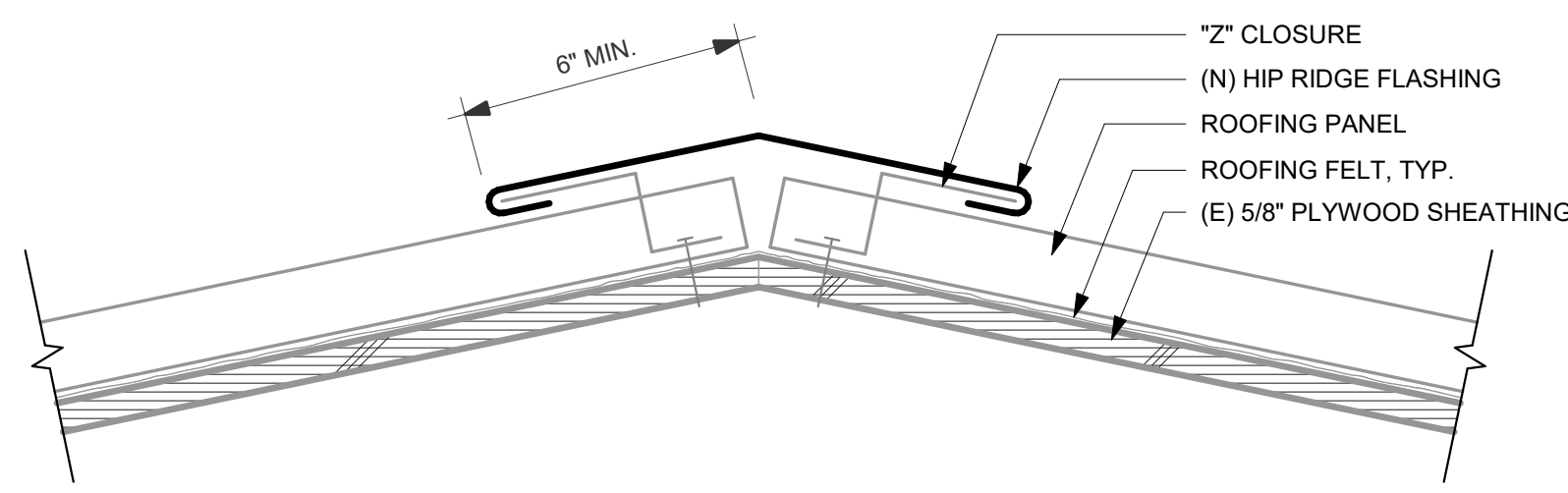
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DSA SUB	01/11/2019
DSA BC	05/09/2019

SHEET
EXTERIOR DETAILS - BUILDING D

DATE 05/09/2019
 JOB # 2018045
 SHEET # **A8.21**

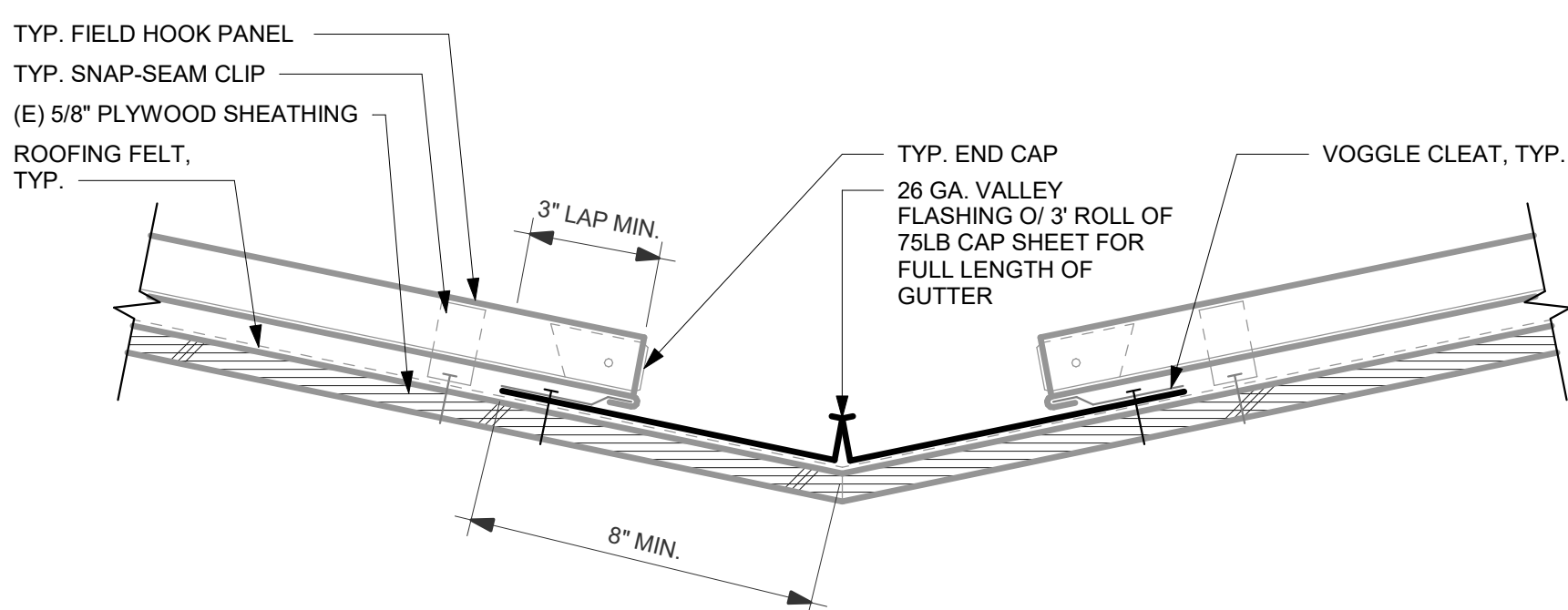


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DSA BC	05/09/2019



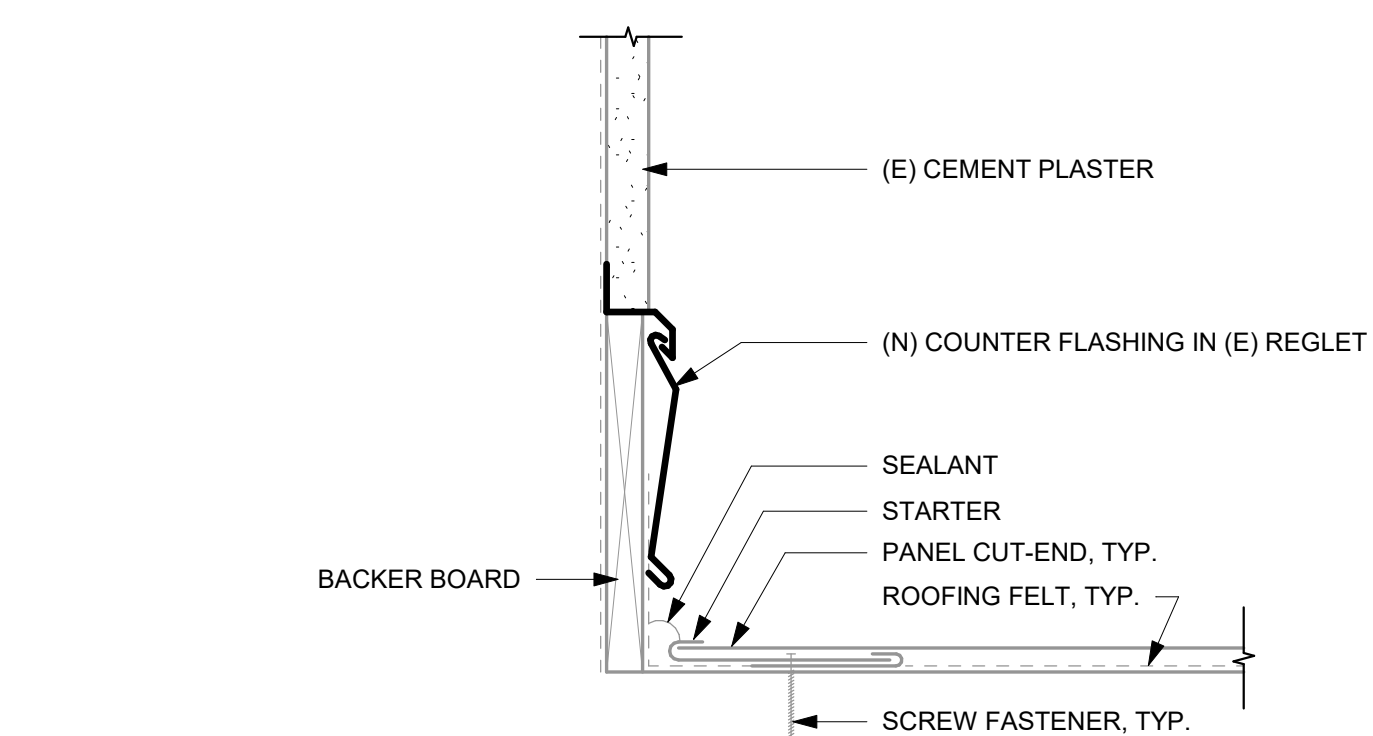
NOTE:
 1. REFER TO ROOF PLANS FOR ROOF TYPE
 2. ALL ITEMS ARE (E) UNLESS SPECIFICALLY NOTED AS (N)

5 TYPICAL HIP FLASHING
 SCALE: 3" = 1'-0"



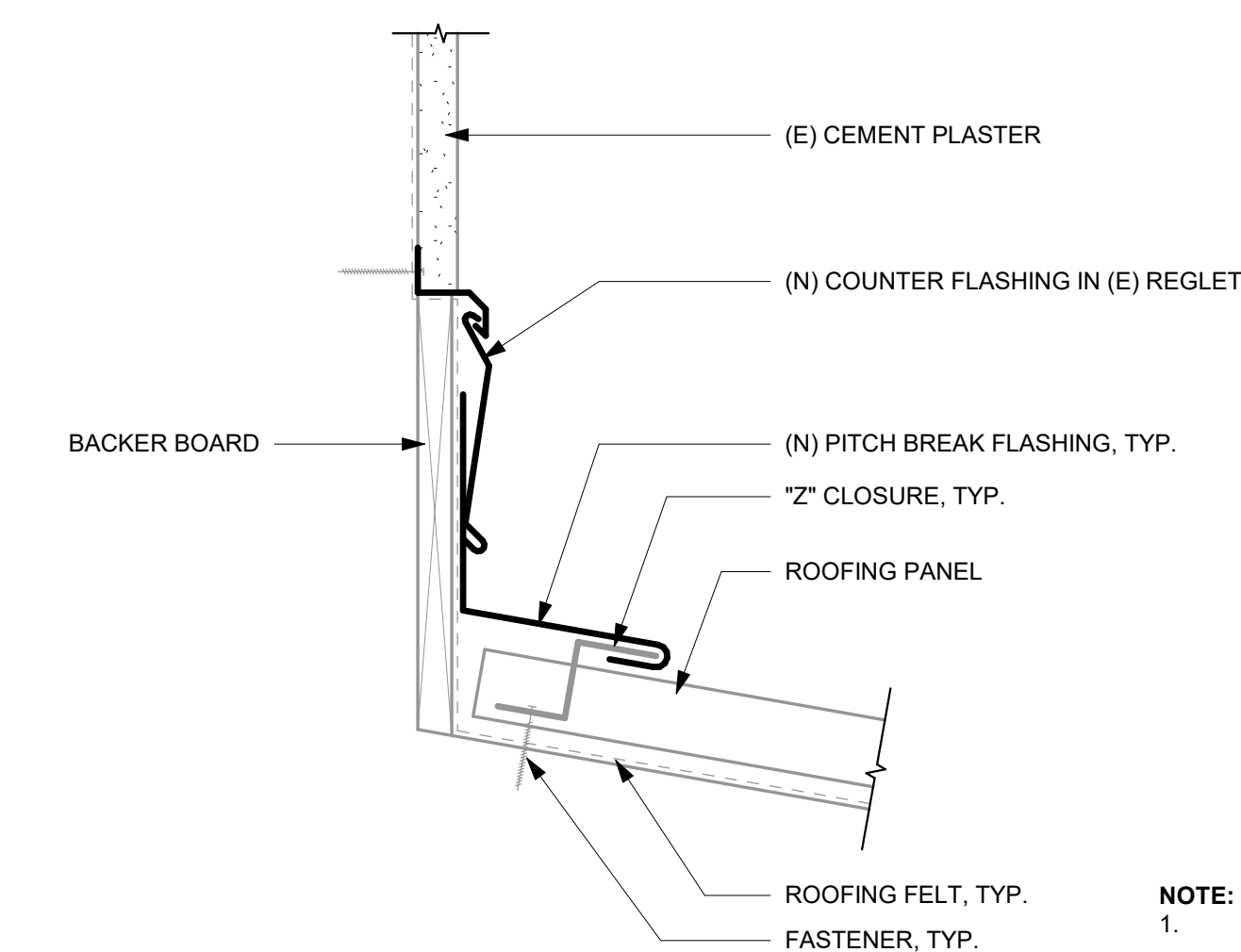
NOTE:
 1. REFER TO ROOF PLANS FOR ROOF TYPE
 2. ALL ITEMS ARE (E) UNLESS SPECIFICALLY NOTED AS (N)

6 TYPICAL VALLEY FLASHING
 SCALE: 3" = 1'-0"



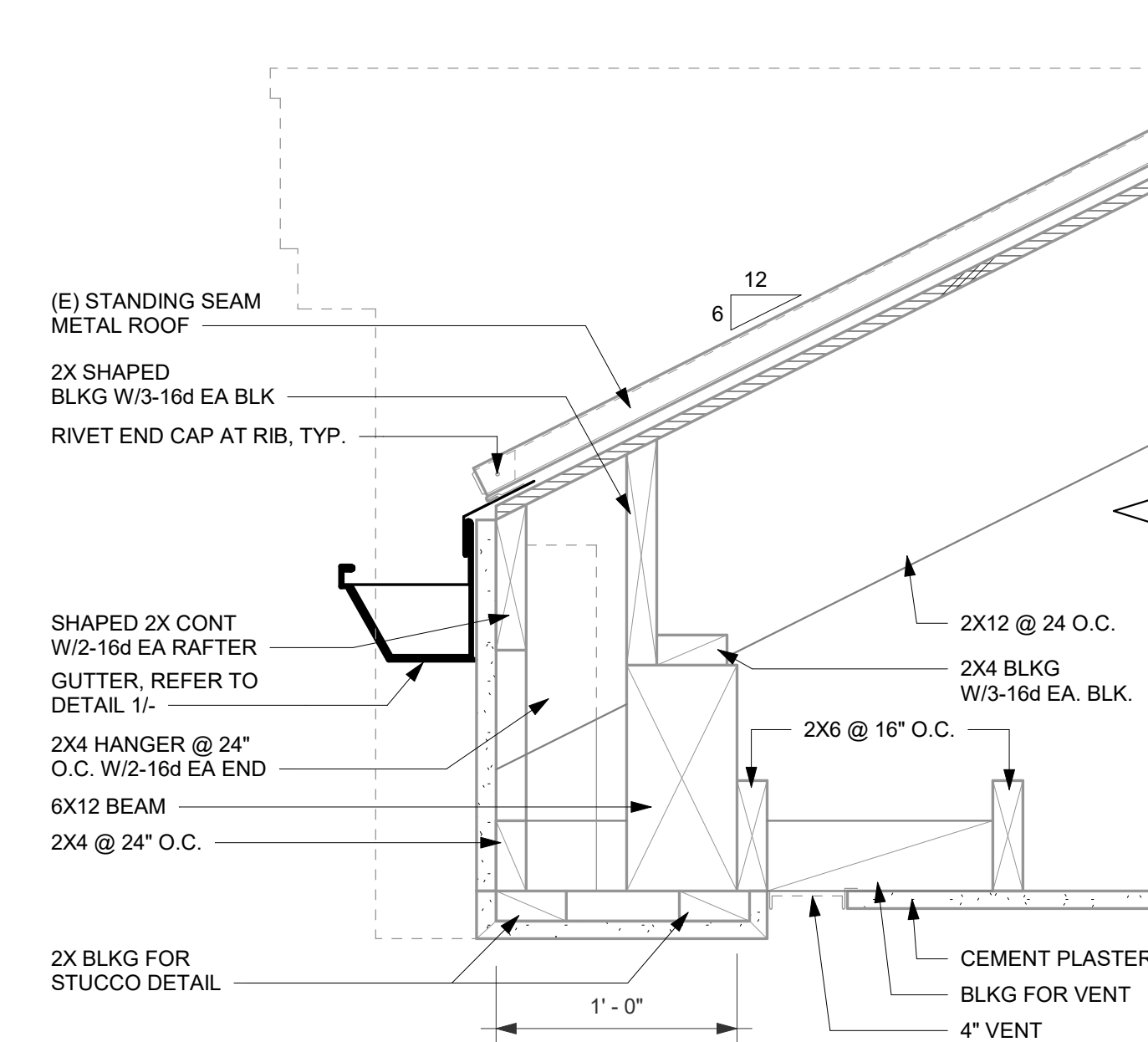
NOTE:
 1. REFER TO ROOF PLANS FOR ROOF TYPE
 2. ALL ITEMS ARE (E) UNLESS SPECIFICALLY NOTED AS (N)

7 TYPICAL RAKEWALL FLASHING
 SCALE: 3" = 1'-0"



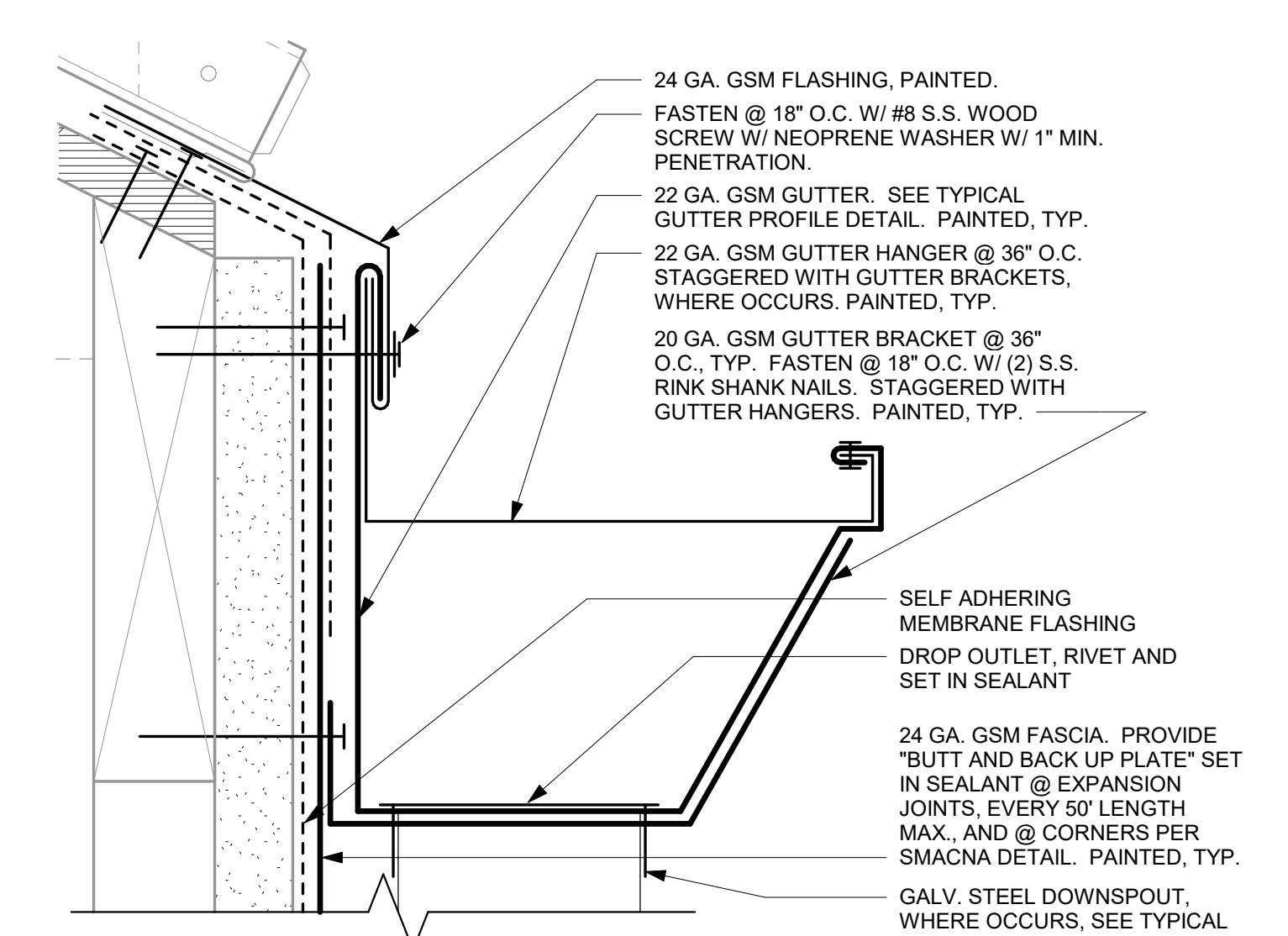
NOTE:
 1. REFER TO ROOF PLANS FOR ROOF TYPE
 2. ALL ITEMS ARE (E) UNLESS SPECIFICALLY NOTED AS (N)

8 TYPICAL PITCH BREAK
 SCALE: 3" = 1'-0"



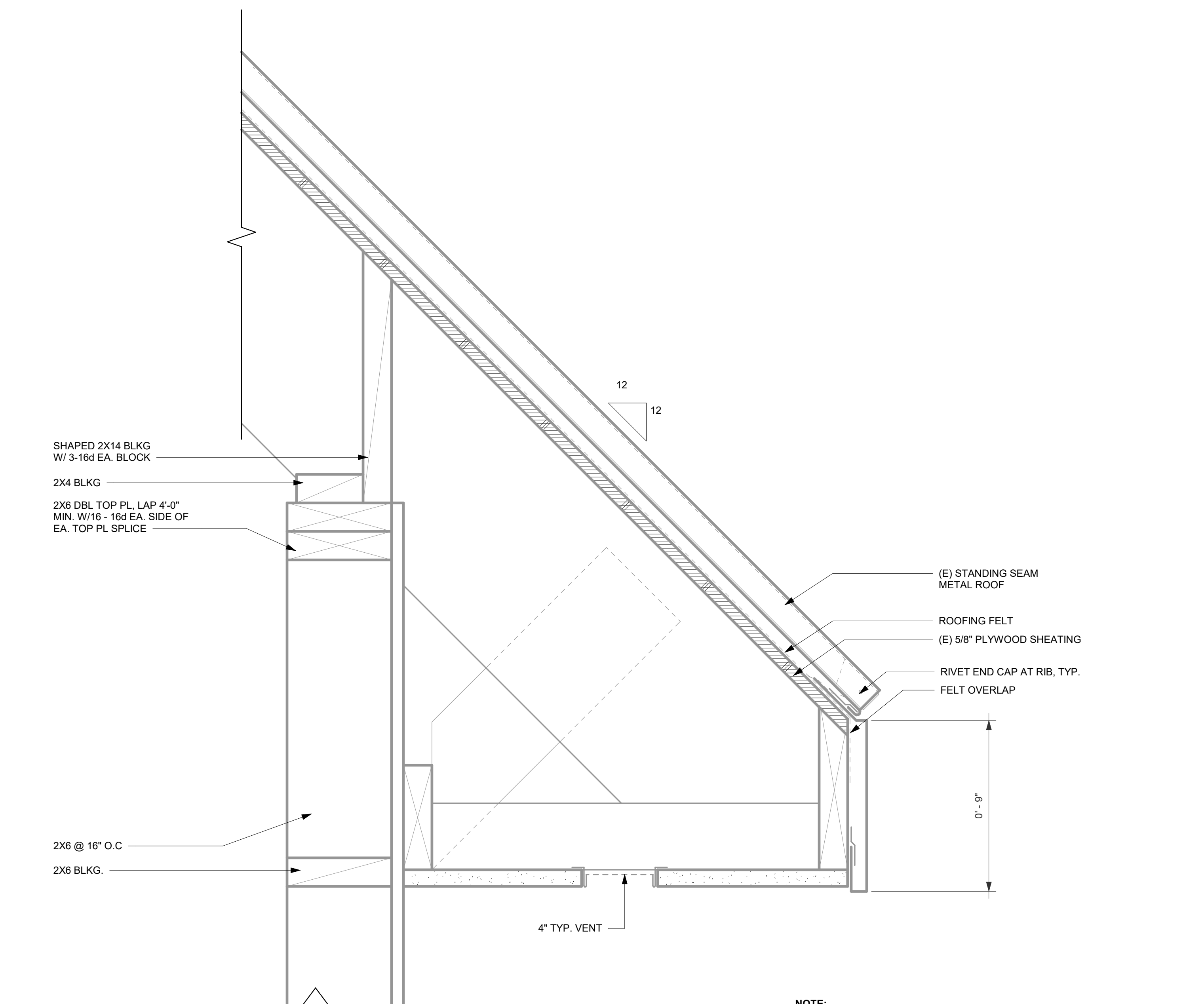
NOTE:
 1. REFER TO ROOF PLANS FOR ROOF TYPE
 2. ALL ITEMS ARE (E) UNLESS SPECIFICALLY NOTED AS (N)

3 ENTRY CANOPY EAVE
 SCALE: 1 1/2" = 1'-0"



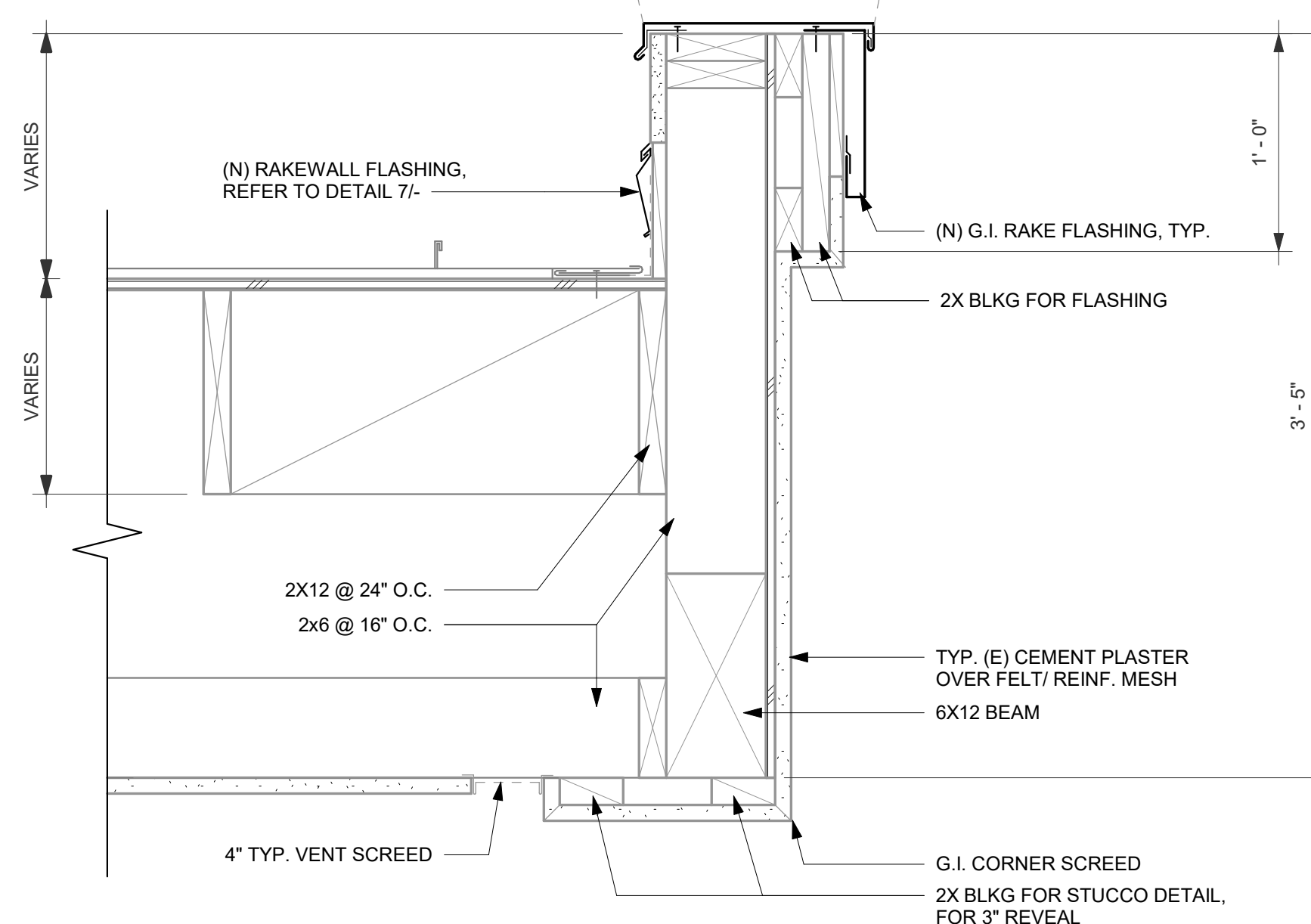
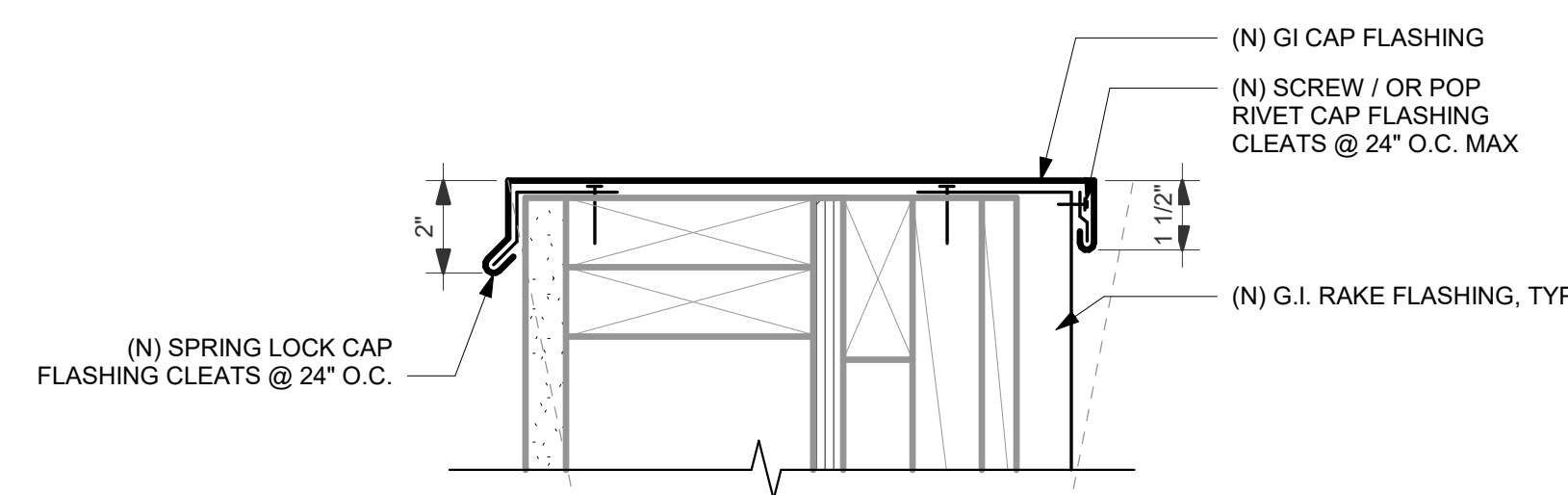
NOTE:
 1. DETAIL APPLIES TO ROOF SLOPE GREATER THAN 2:12
 2. ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC ACTION, TYP.
 3. IF BRACKETS ARE NOT USED, CONTRACTOR SHALL PROVIDE 20 GA. METAL FOR BOTH GUTTER AND GUTTER HANGER. REFER TO ROOF PLANS FOR ROOF TYPE
 5. ALL ITEMS ARE (E) UNLESS SPECIFICALLY NOTED AS (N)

1 TYPICAL EAVE W/ GUTTER ATTACHMENT
 SCALE: 6" = 1'-0"



NOTE:
 1. REFER TO ROOF PLANS FOR ROOF TYPE
 2. ALL ITEMS ARE (E) UNLESS SPECIFICALLY NOTED AS (N)

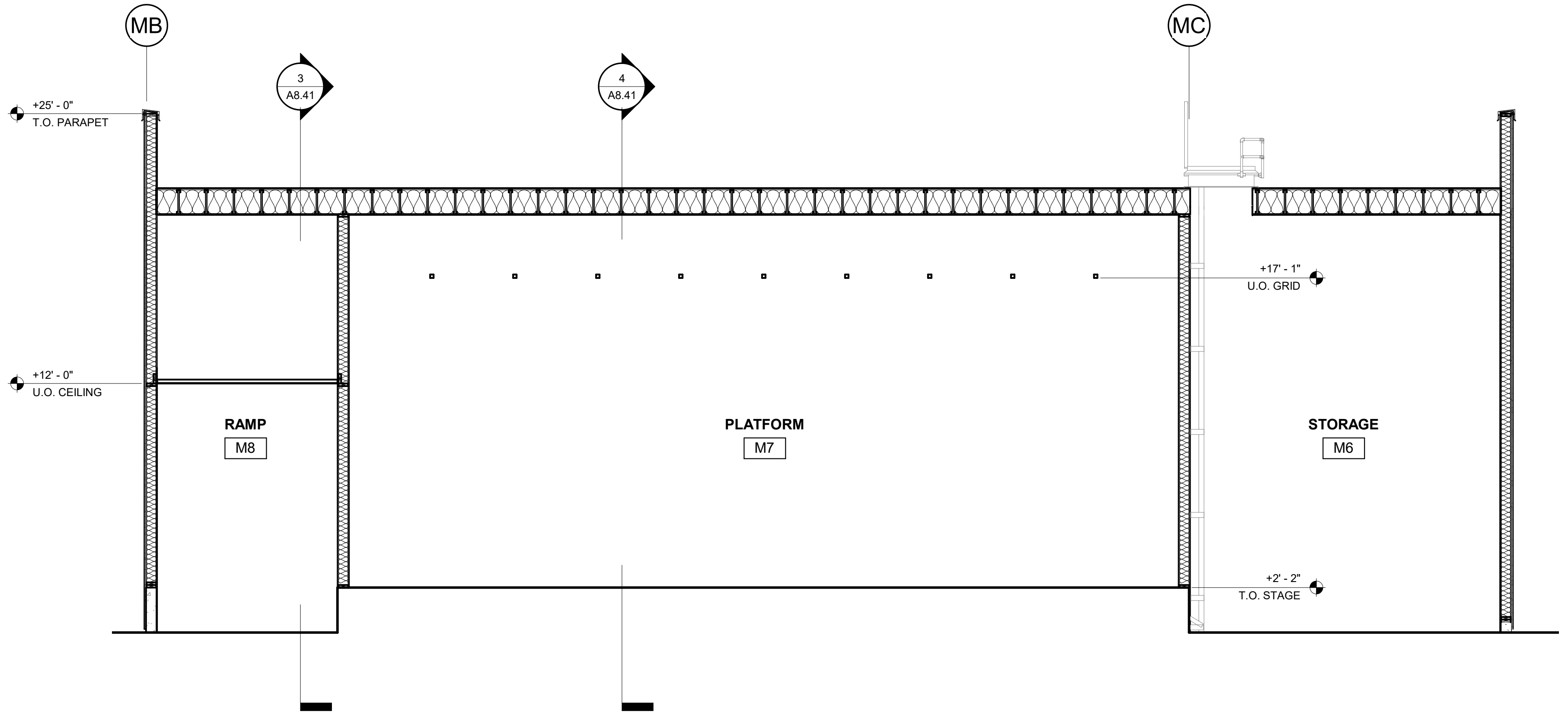
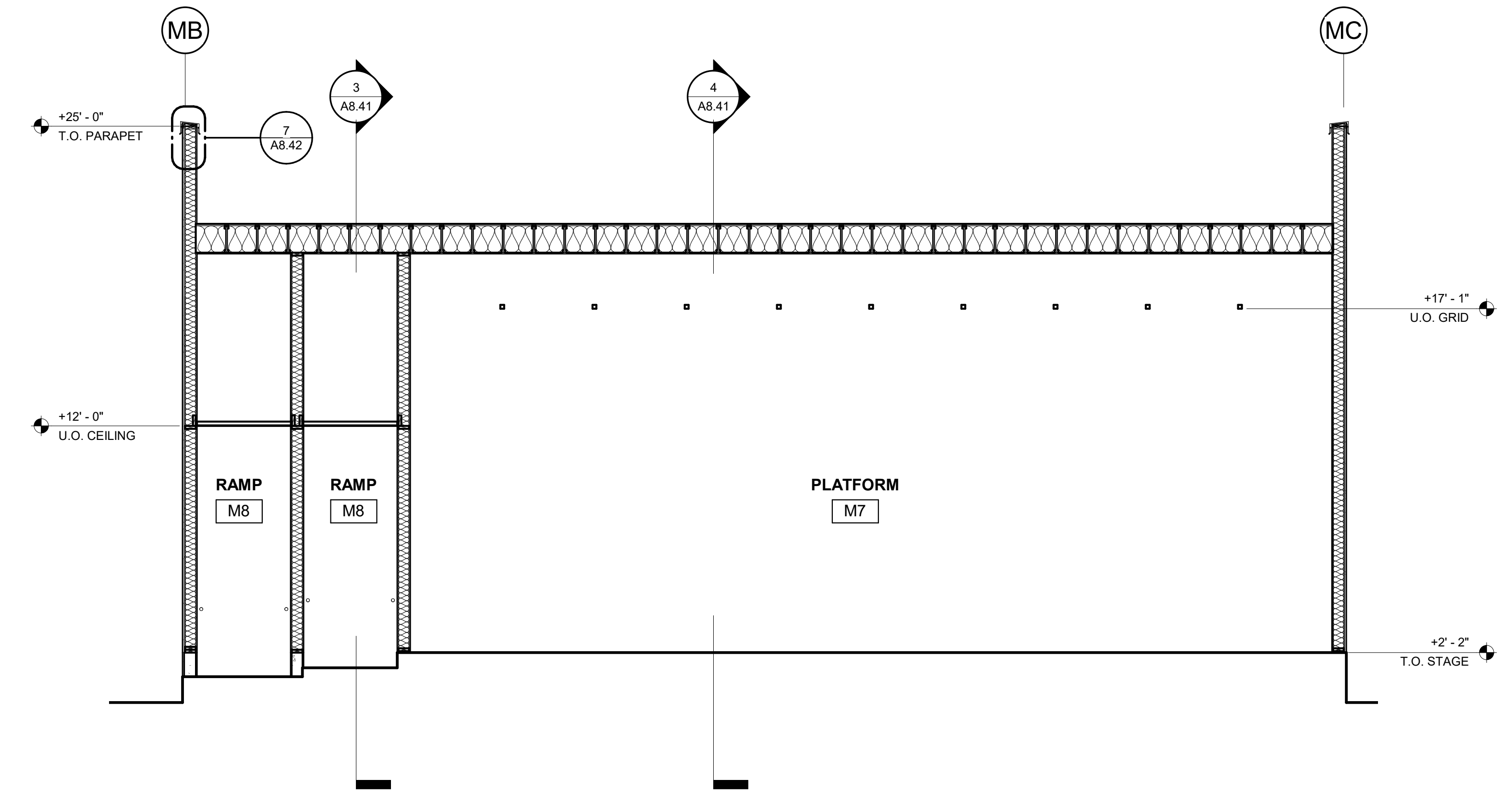
2 HIP OVERHANG
 SCALE: 3" = 1'-0"



NOTE:
 1. REFER TO ROOF PLANS FOR ROOF TYPE
 2. ALL ITEMS ARE (E) UNLESS SPECIFICALLY NOTED AS (N)

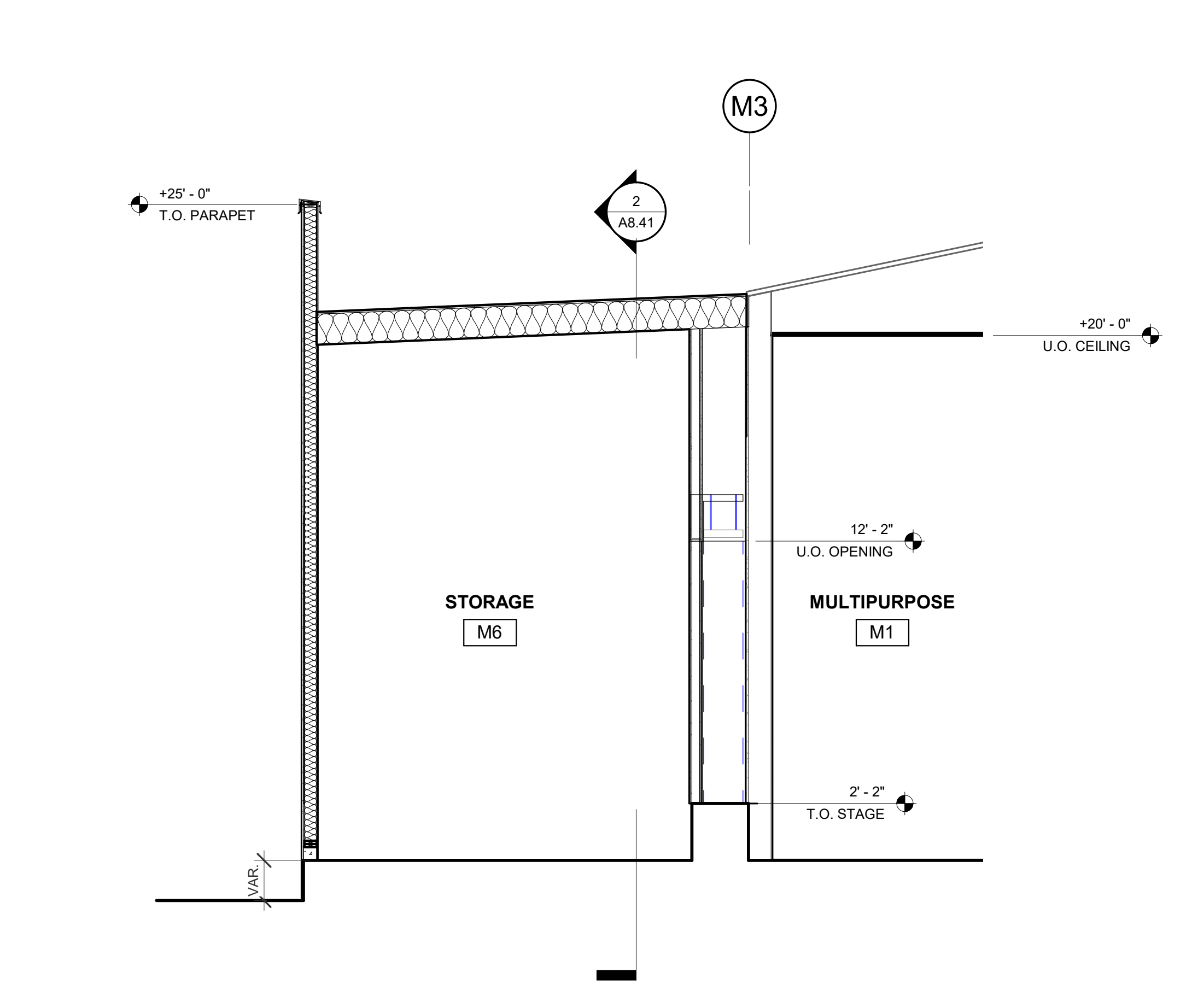
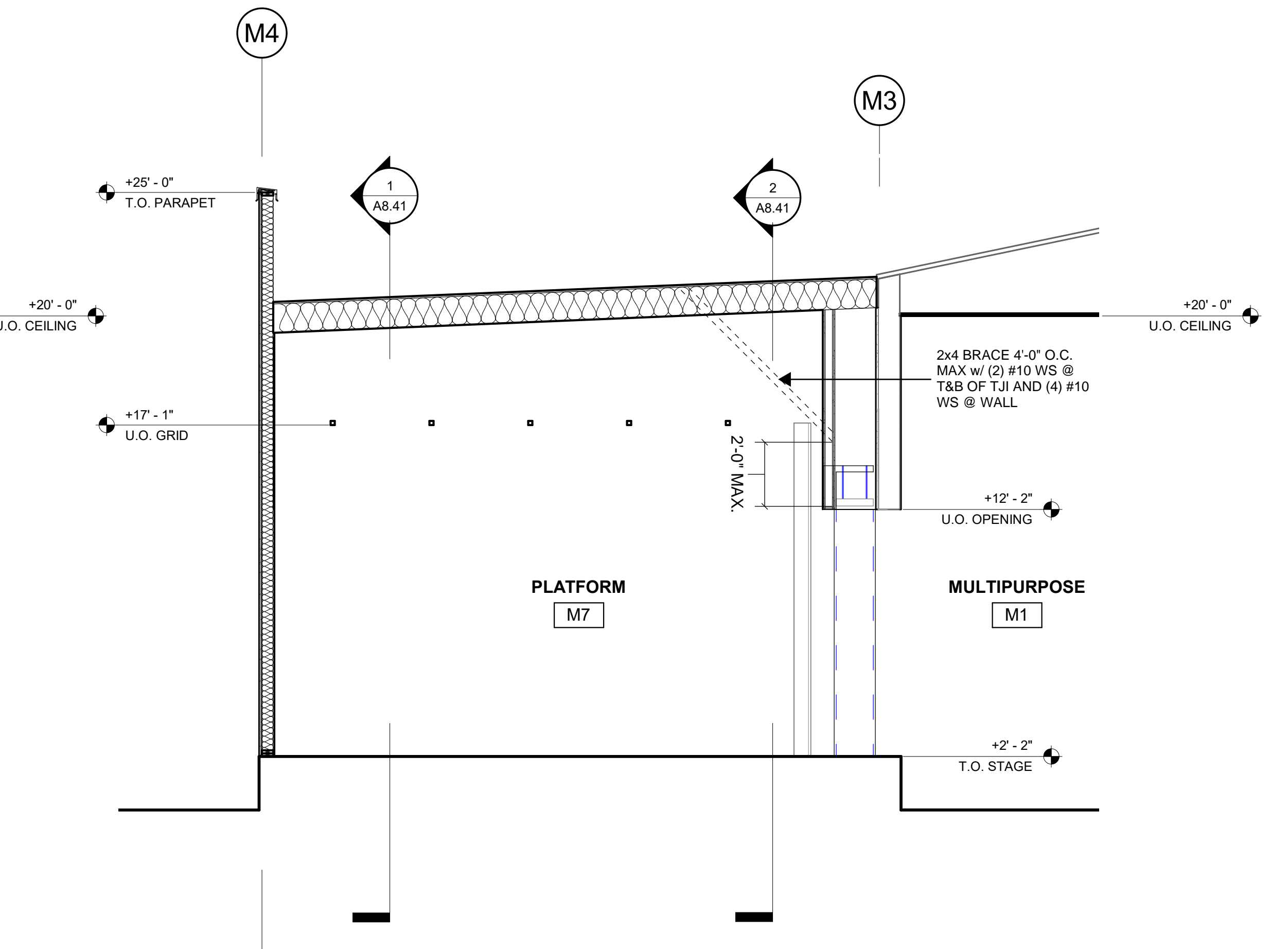
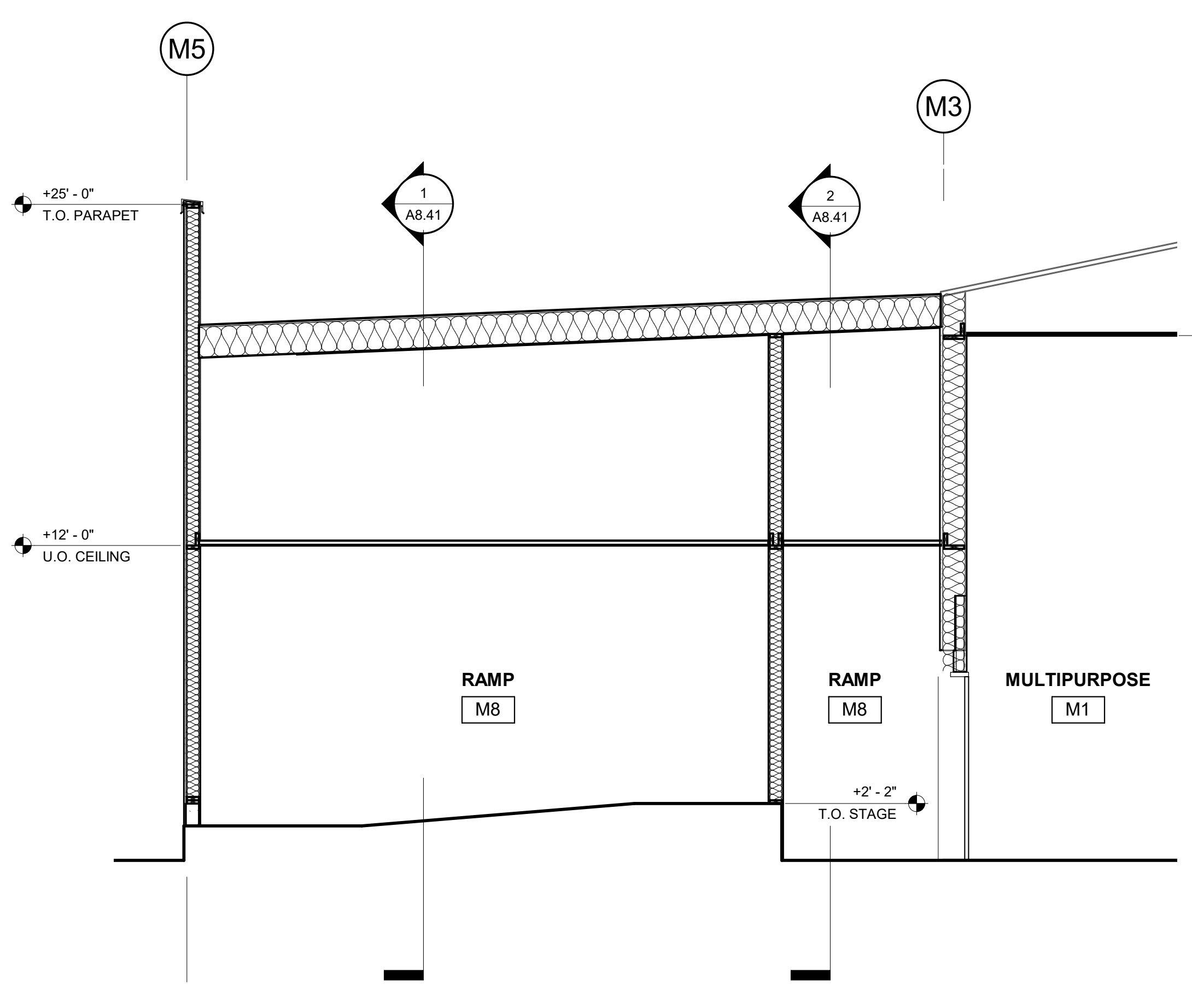
4 ENTRY CANOPY PEDIMENT PARAPET
 SCALE: 1 1/2" = 1'-0"

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1 BUILDING M - LATITUDINAL SECTION 1
 SCALE: 1/4" = 1'-0"

2 BUILDING M - LATITUDINAL SECTION 2
 SCALE: 1/4" = 1'-0"

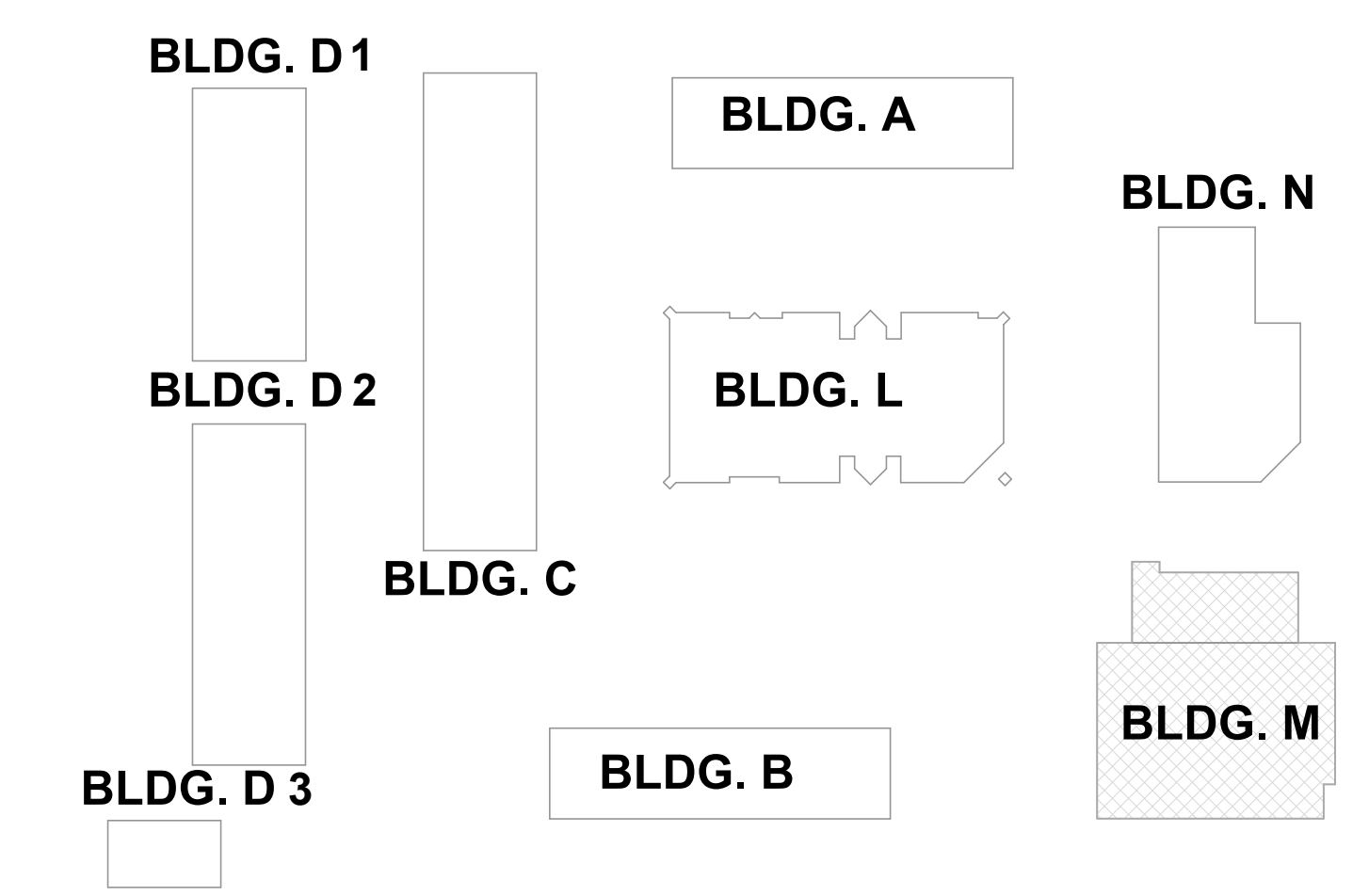


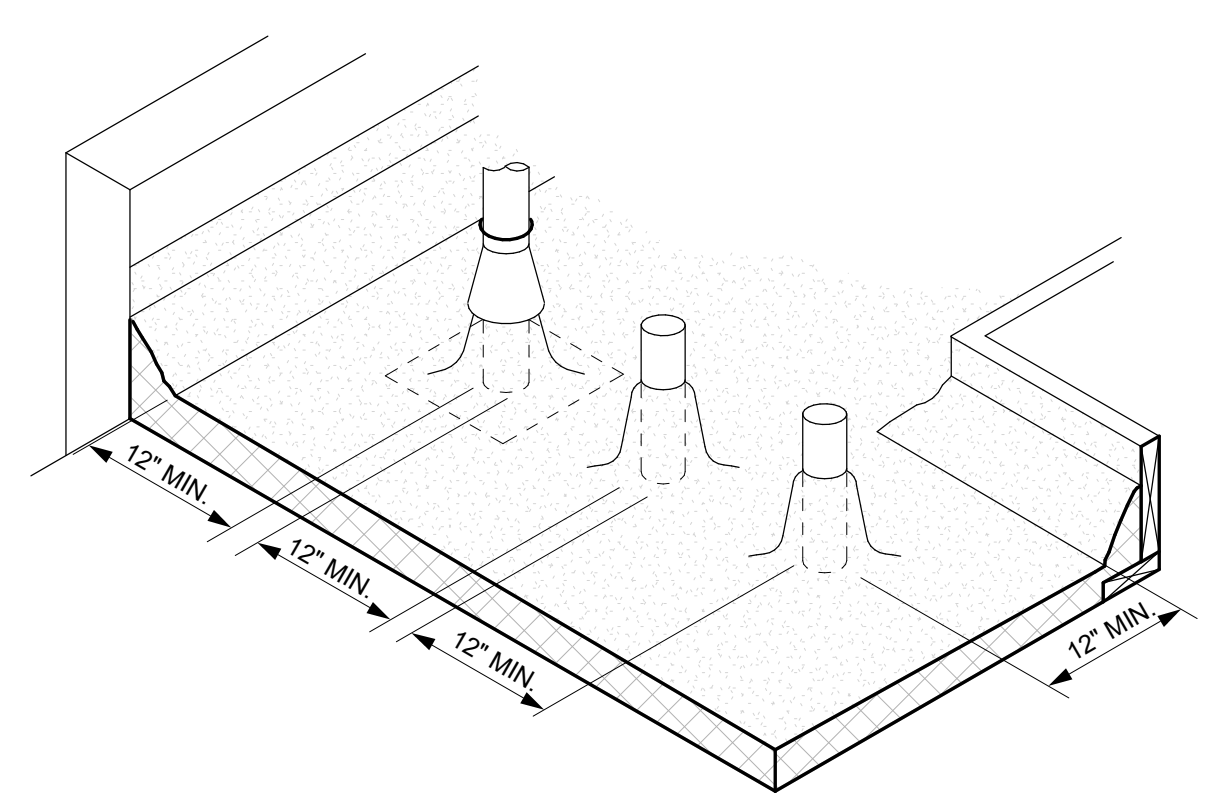
3 BUILDING M - LONGITUDINAL SECTION 1
 SCALE: 1/4" = 1'-0"

4 BUILDING M - LONGITUDINAL SECTION 2
 SCALE: 1/4" = 1'-0"

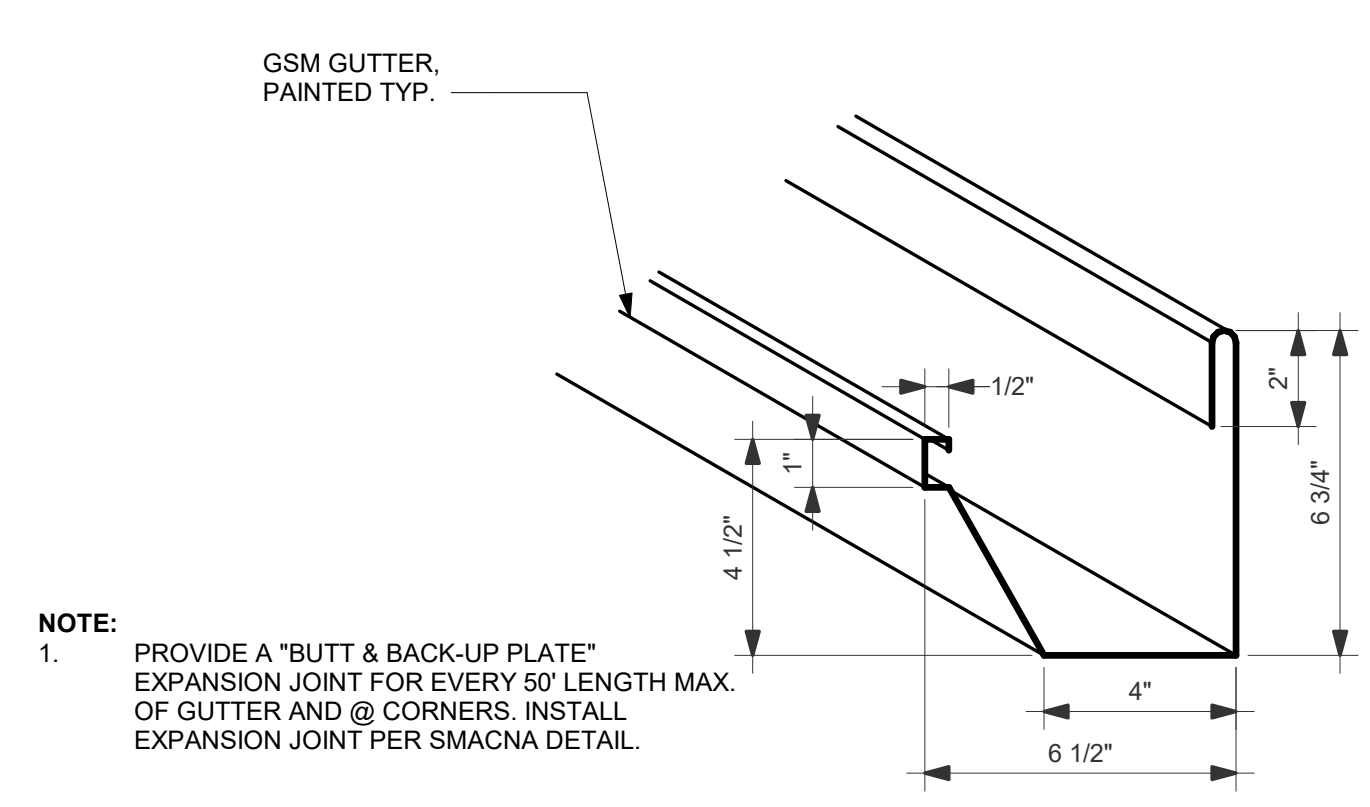
5 BUILDING M - LONGITUDINAL SECTION 3
 SCALE: 1/4" = 1'-0"

BUILDING KEY

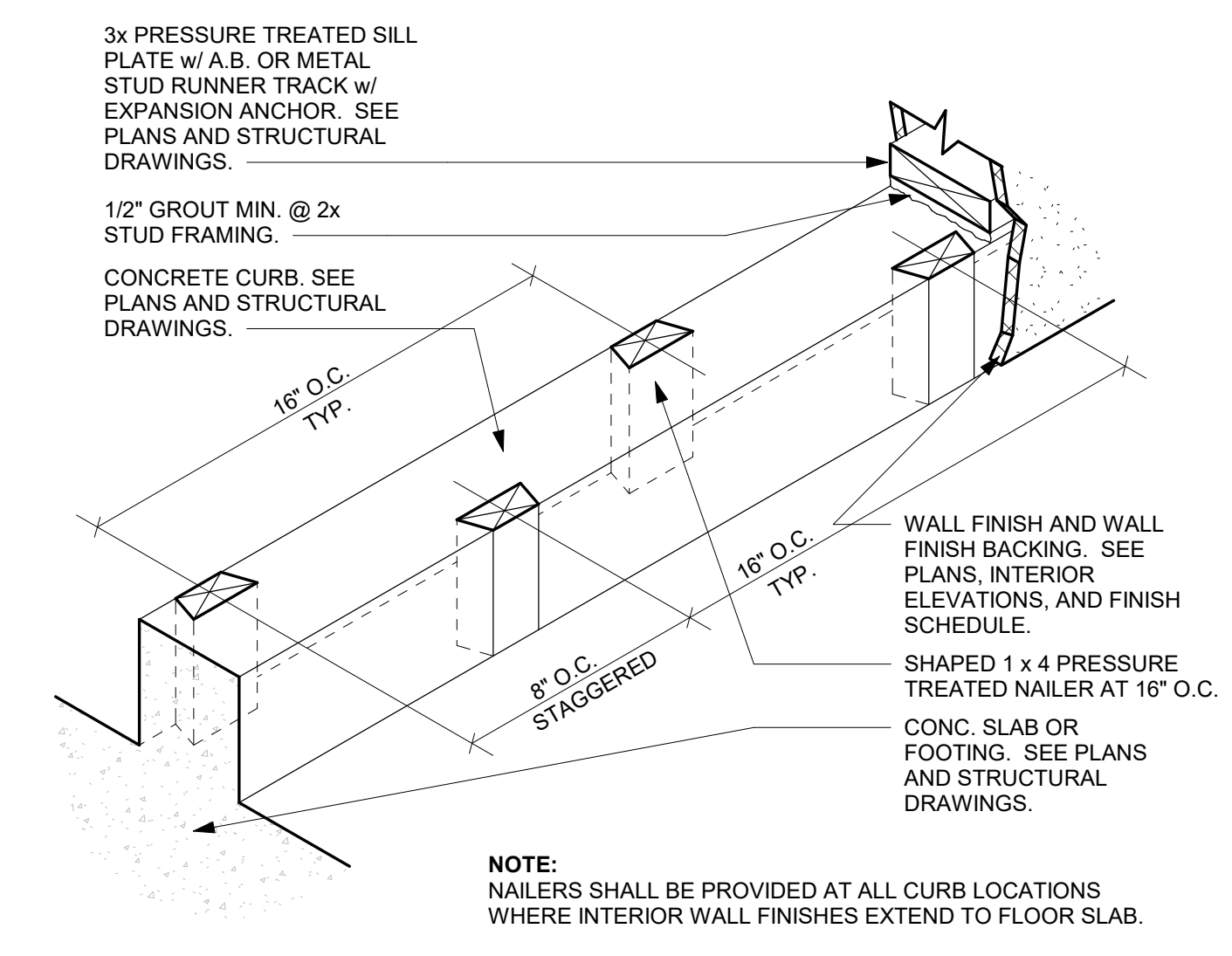




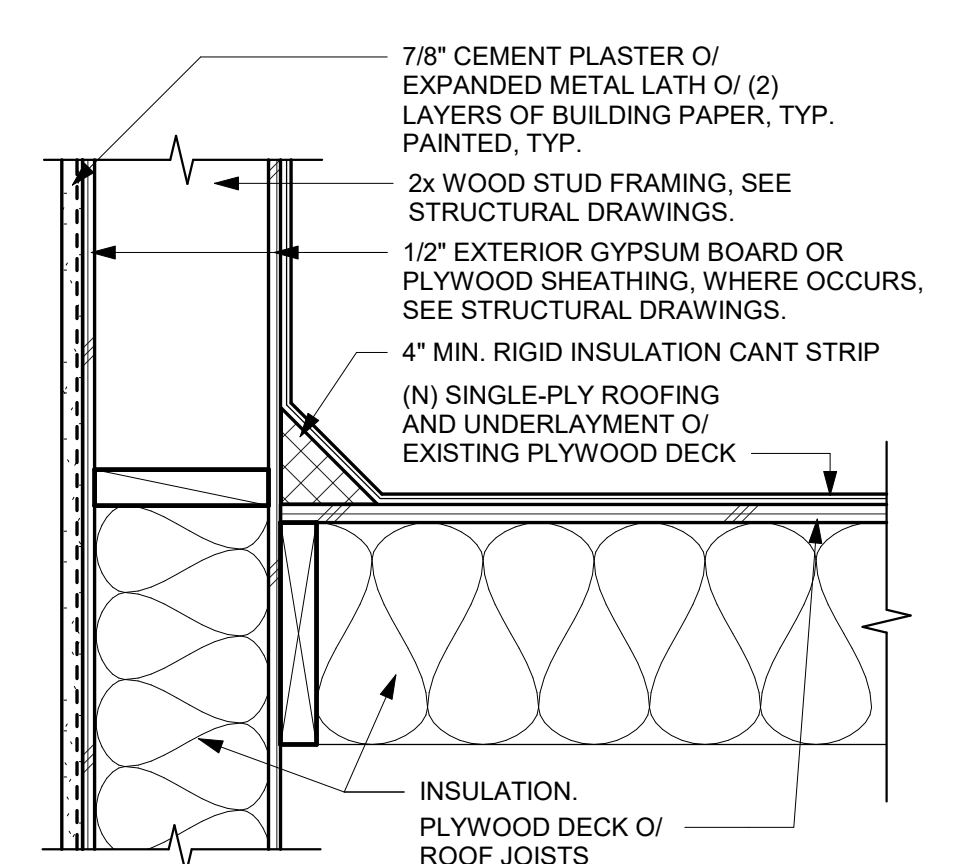
9 CLEARANCES BETWEEN PIPES, WALLS & CURBS
 SCALE: 1" = 1'-0"



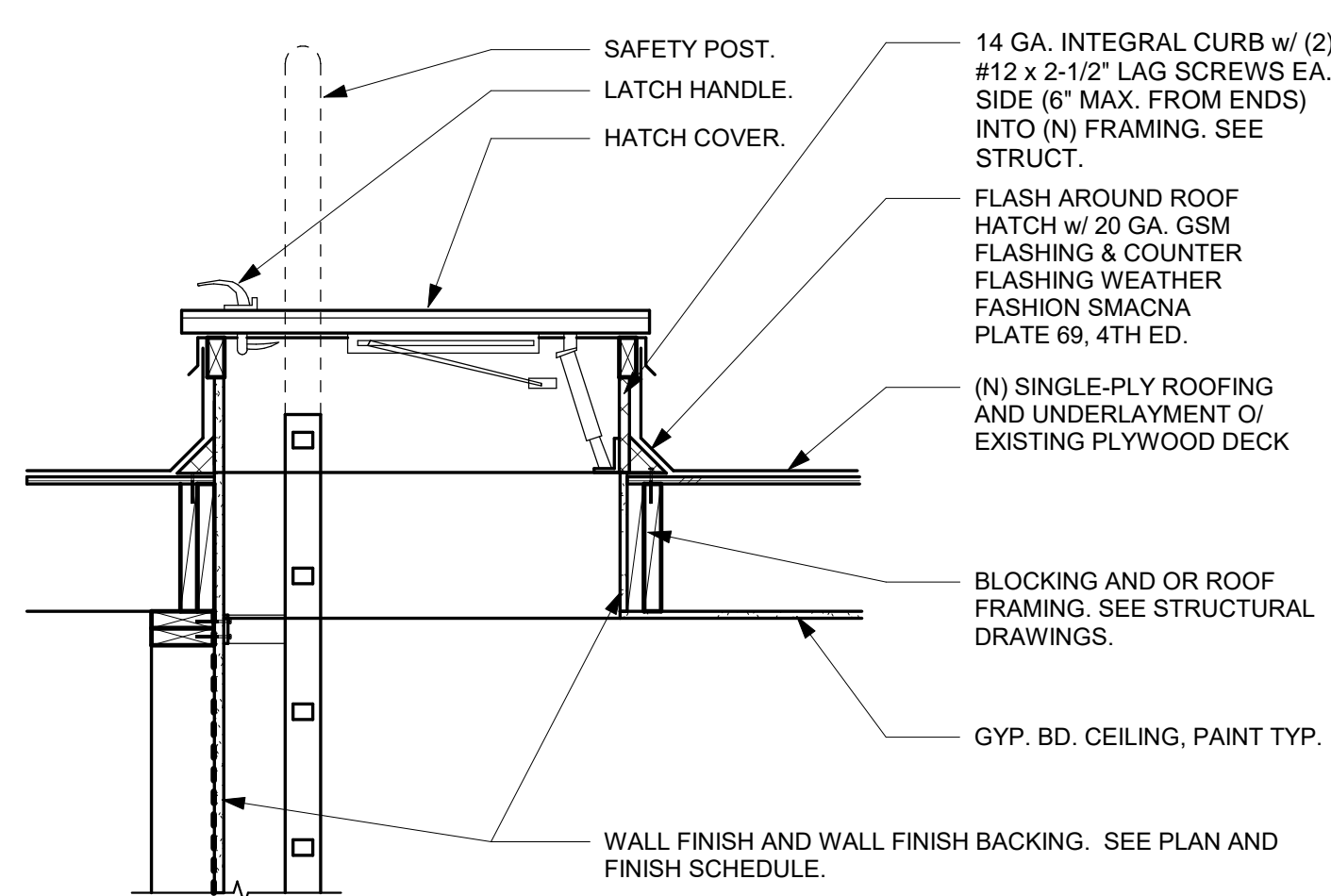
5 TYPICAL GUTTER PROFILE
 SCALE: 3" = 1'-0"



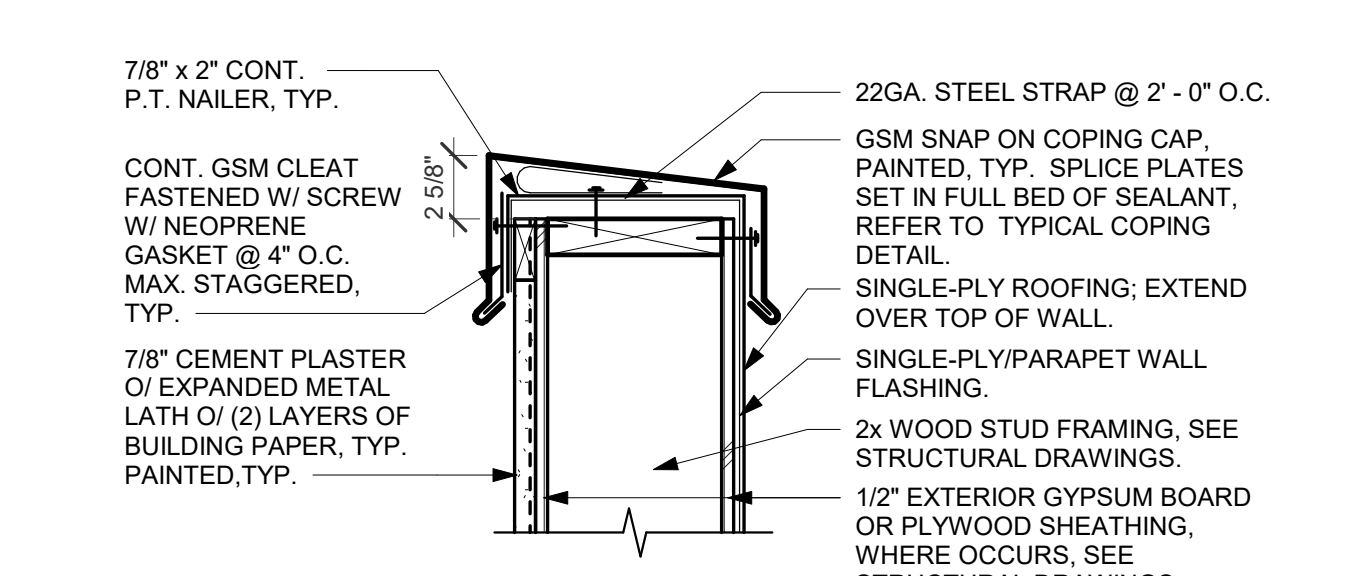
1 EMBEDDED NAILER AT INTERIOR CONCRETE CURB
 SCALE: 1 1/2" = 1'-0"



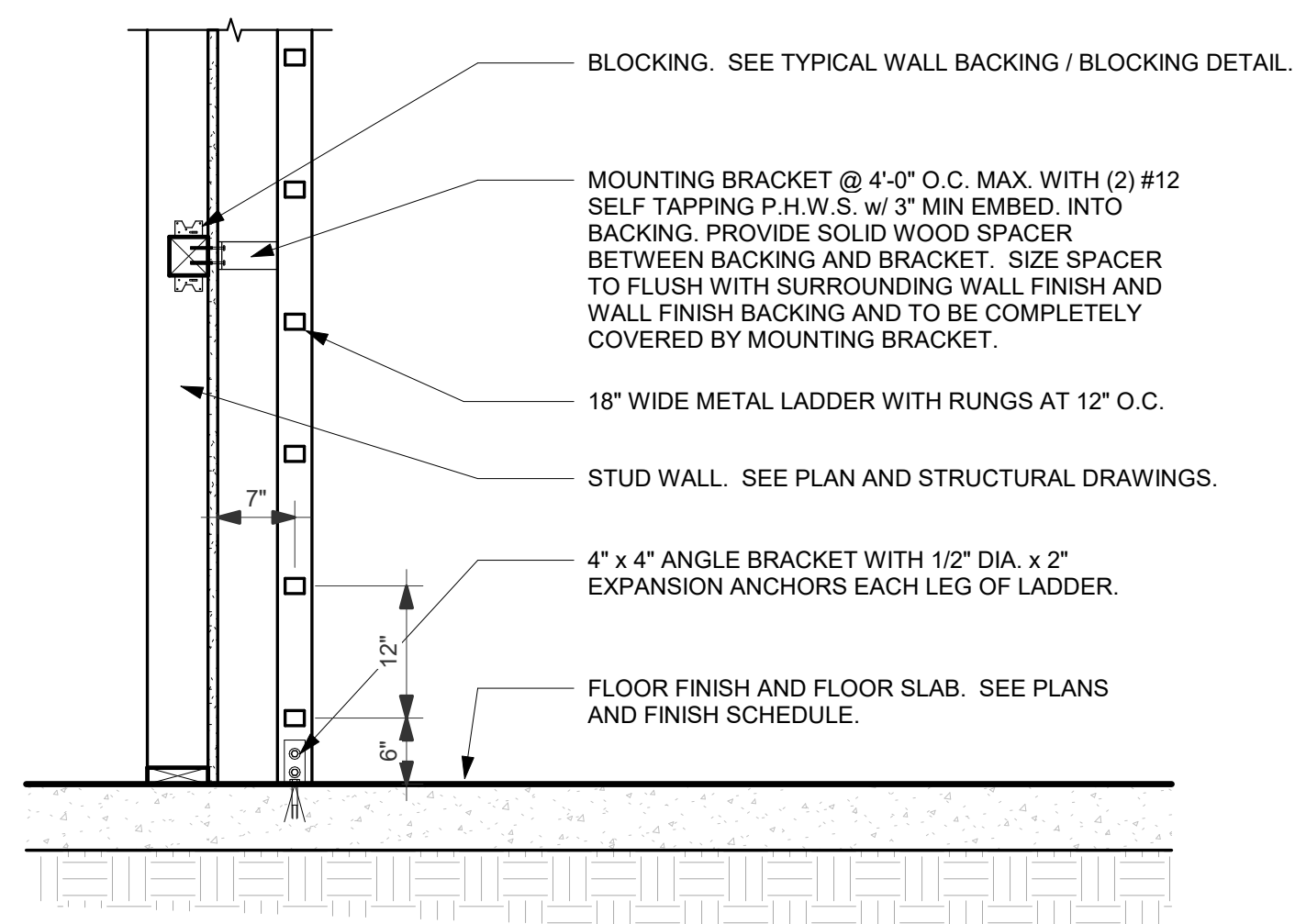
6 ROOFING AT PARAPET
 SCALE: 1 1/2" = 1'-0"



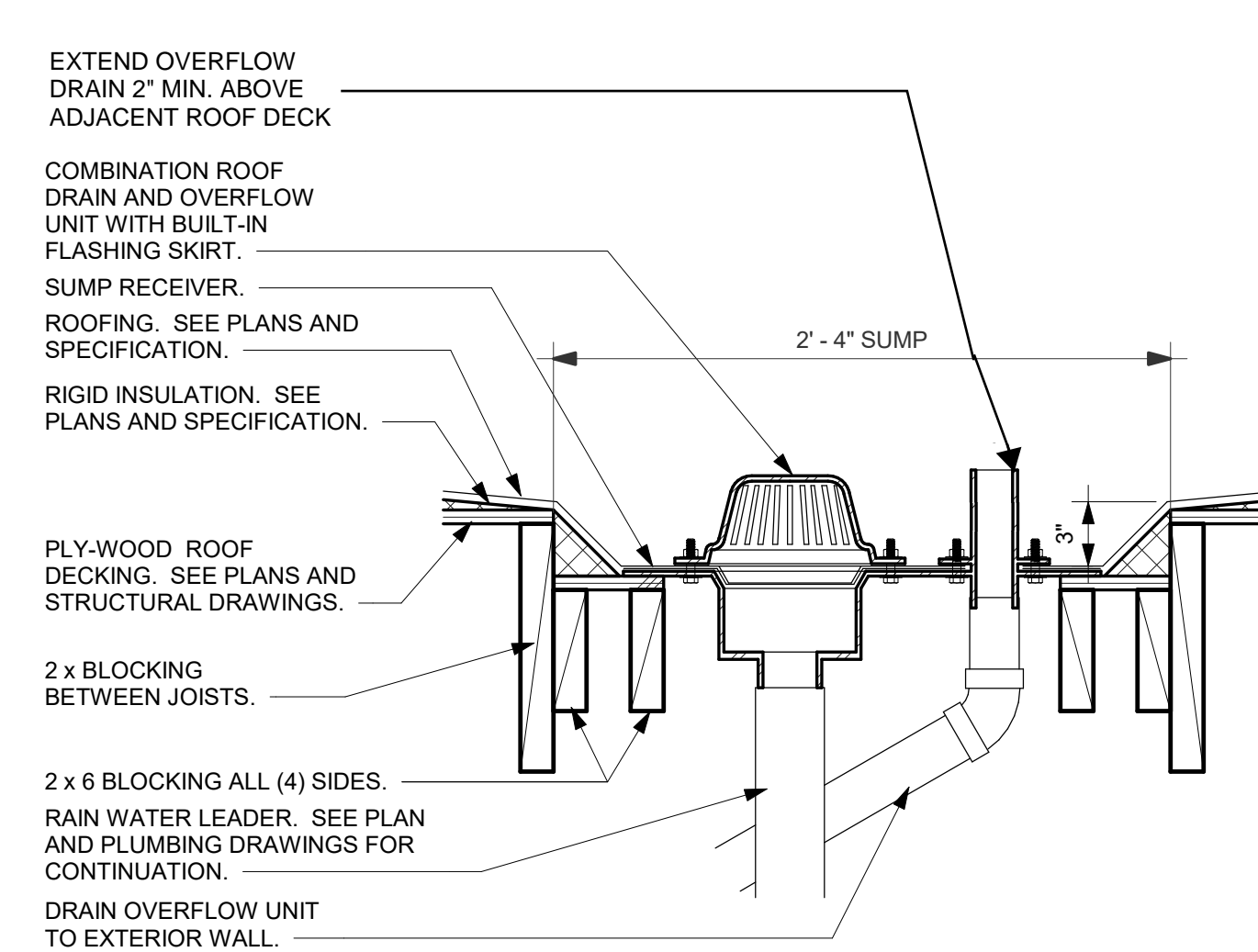
3 ROOF ACCESS LADDER AND HATCH (2x STUDS)
 SCALE: 3/4" = 1'-0"



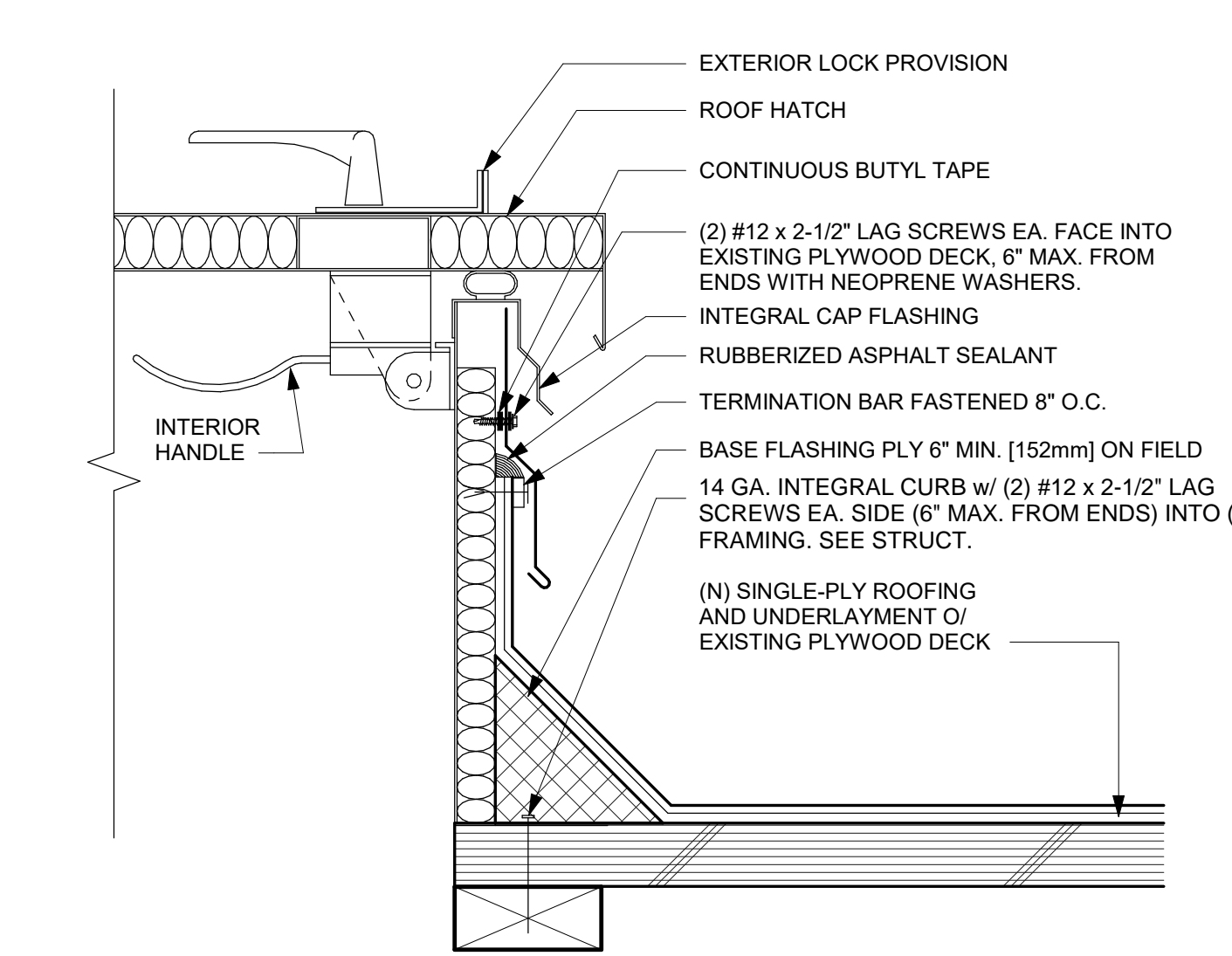
7 CAP FLASHING AT PARAPET
 SCALE: 1 1/2" = 1'-0"



4 ROOF HATCH
 SCALE: 3" = 1'-0"



8 ROOF DRAIN WITH OVERFLOW (2x STUDS)
 SCALE: 1 1/2" = 1'-0"



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STAMP



STATE

REVISIONS
 No. Description Date



MILESTONES

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50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

SHEET

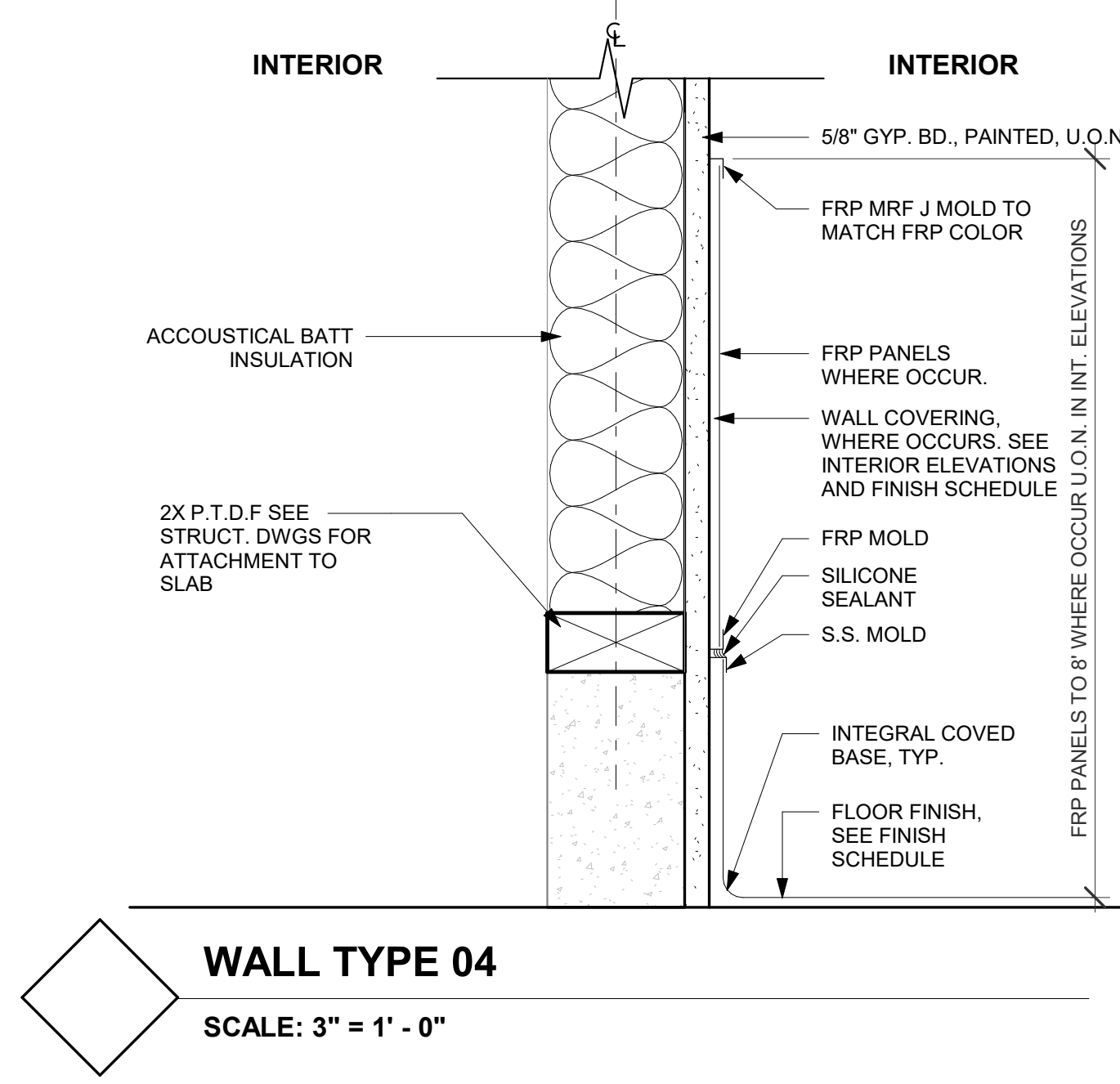
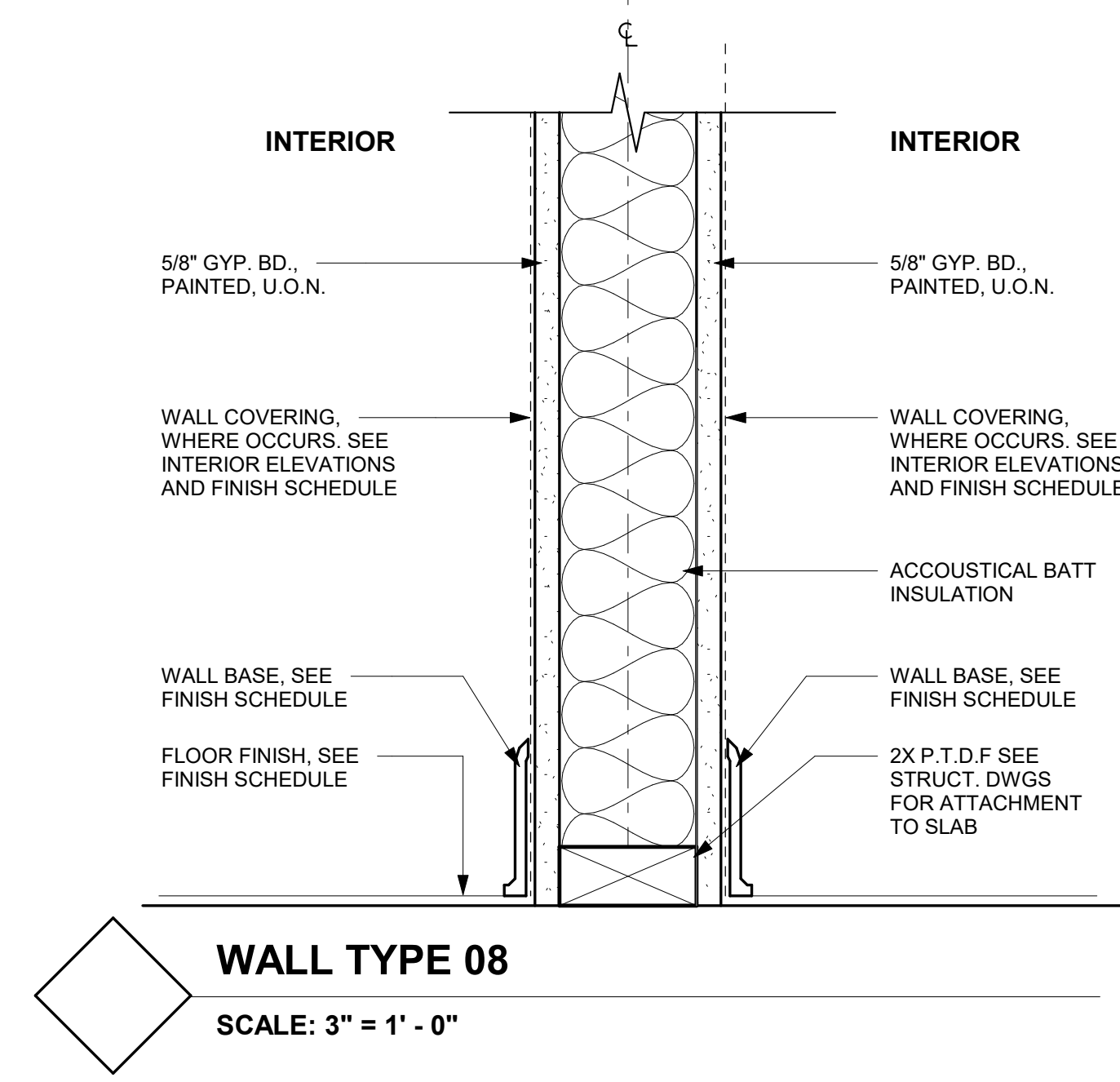
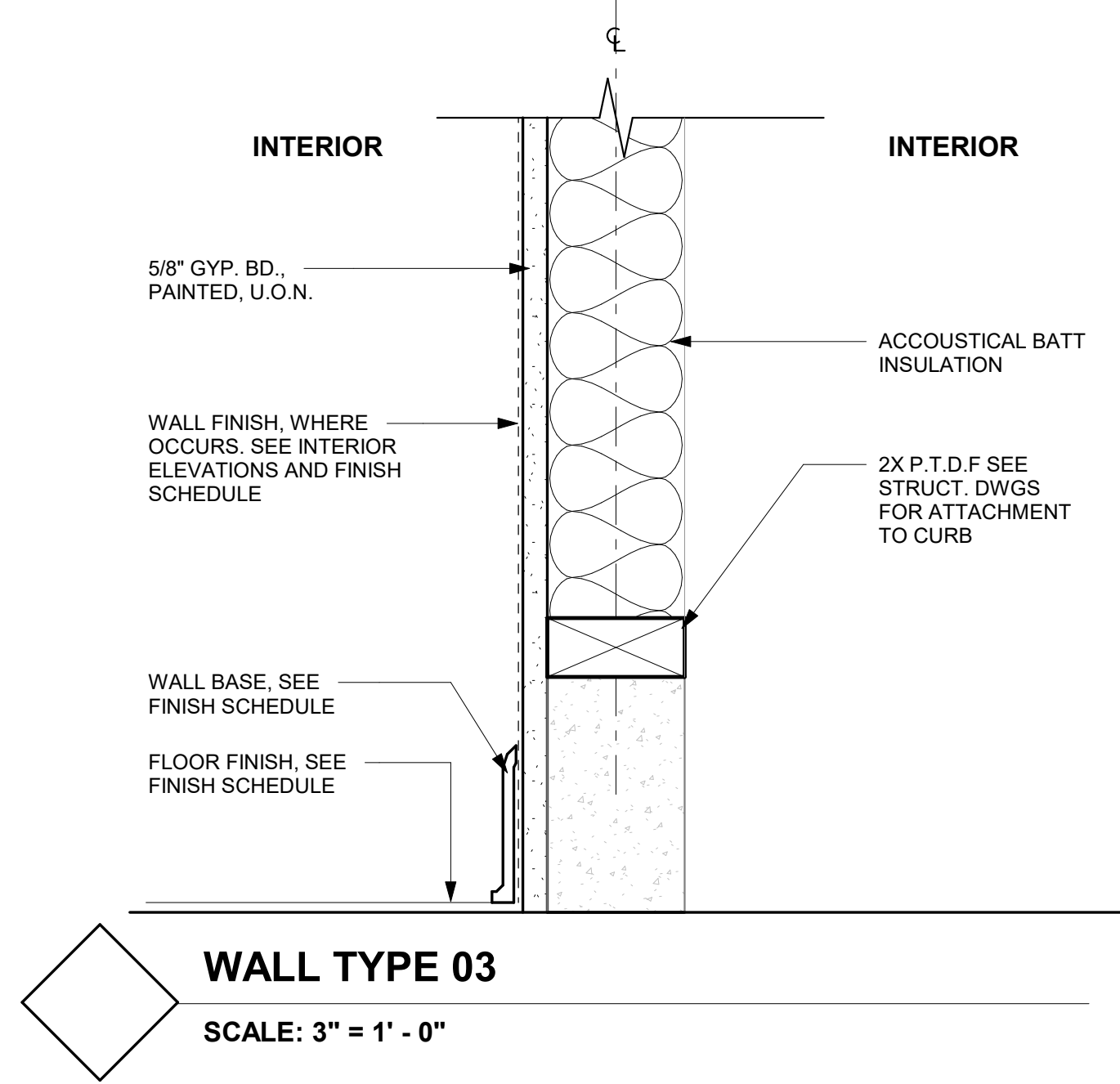
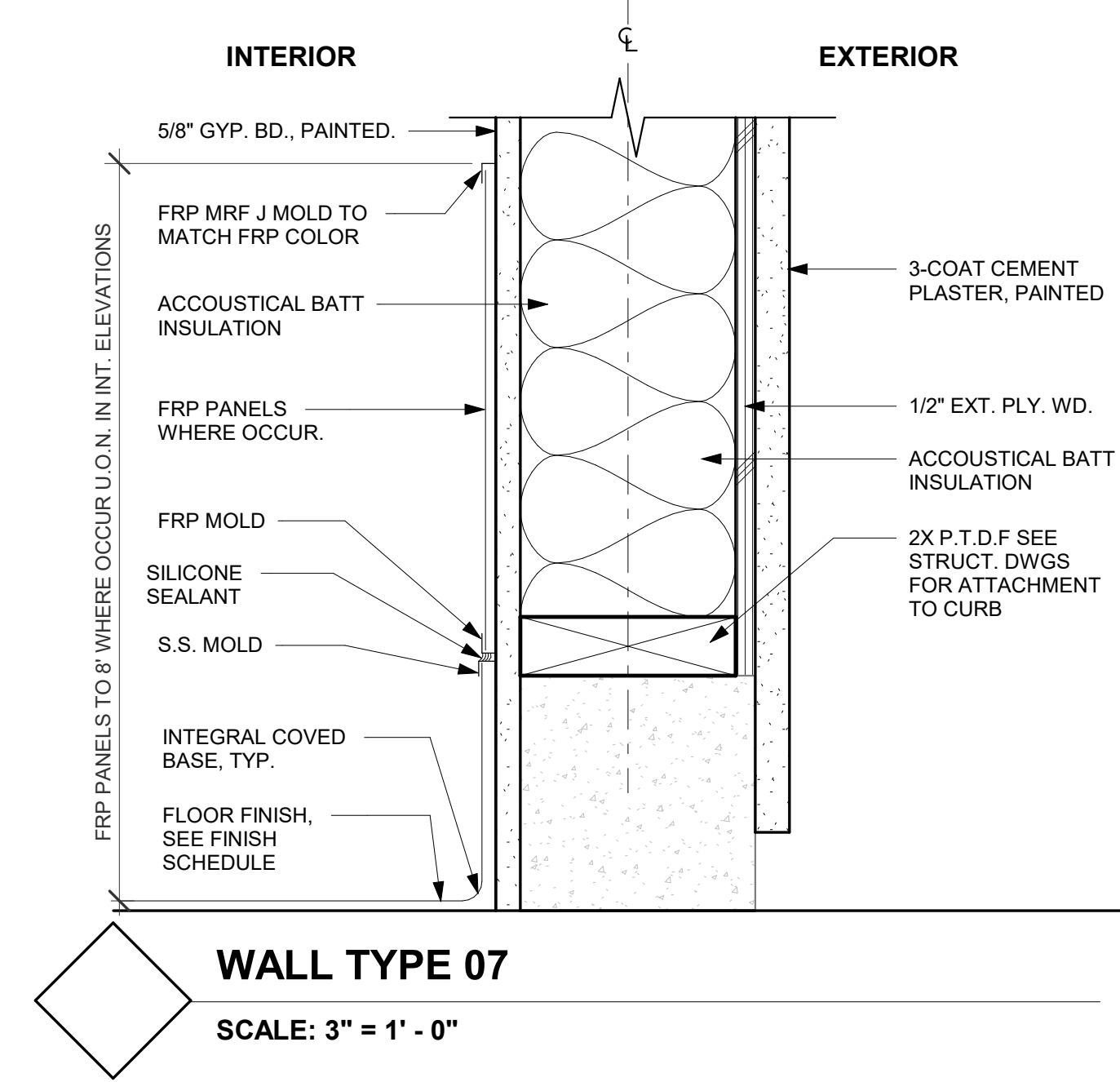
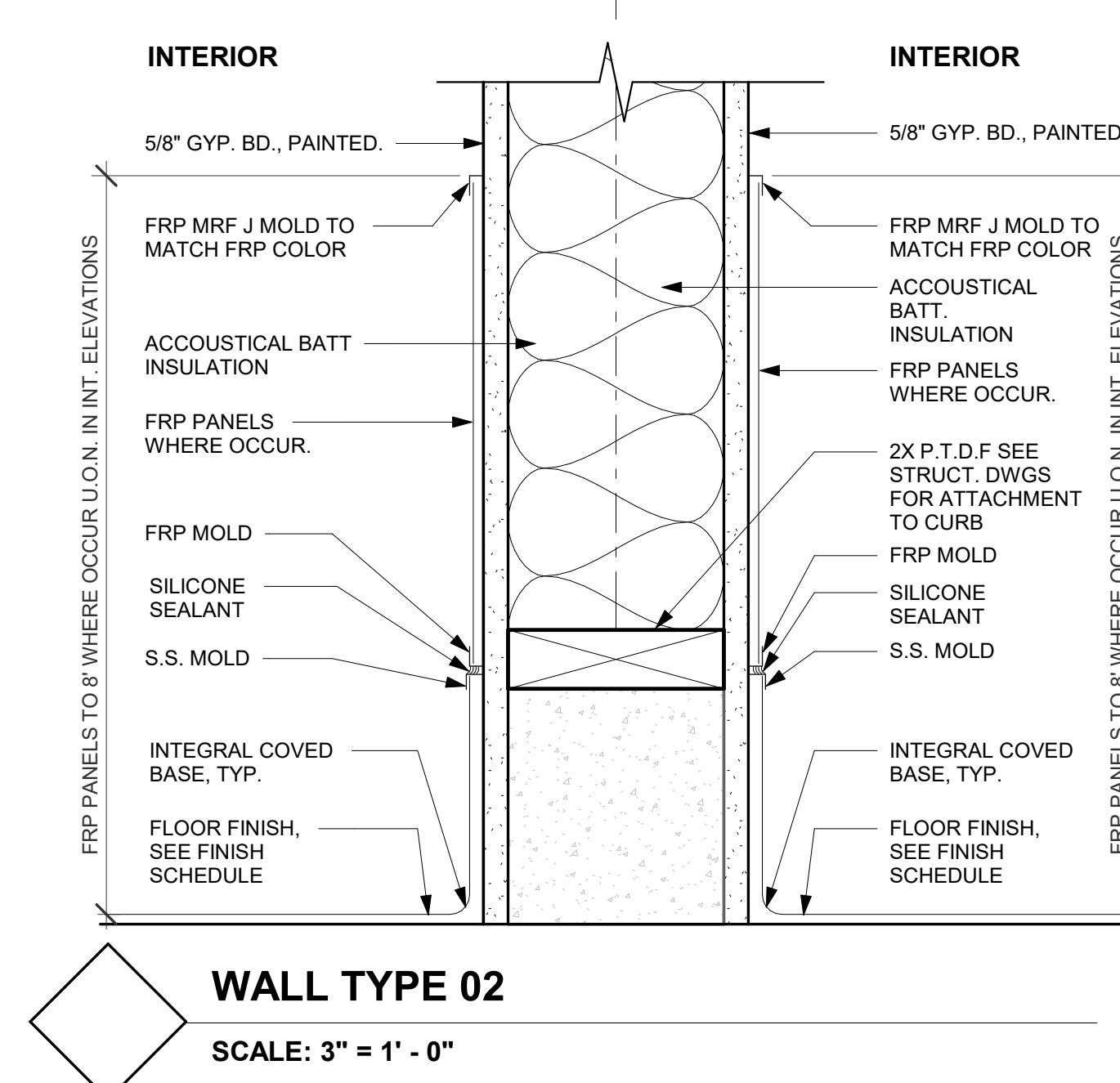
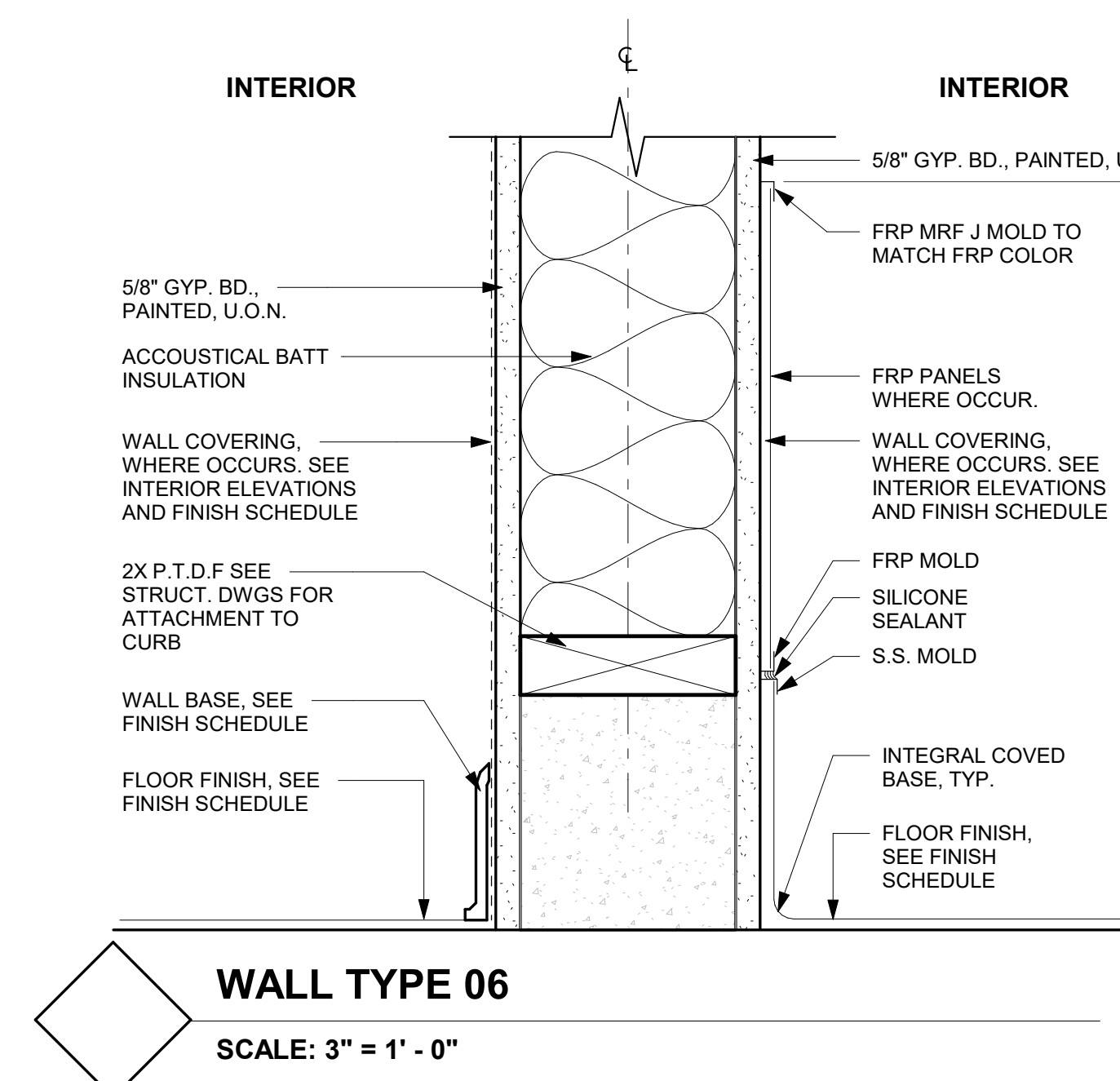
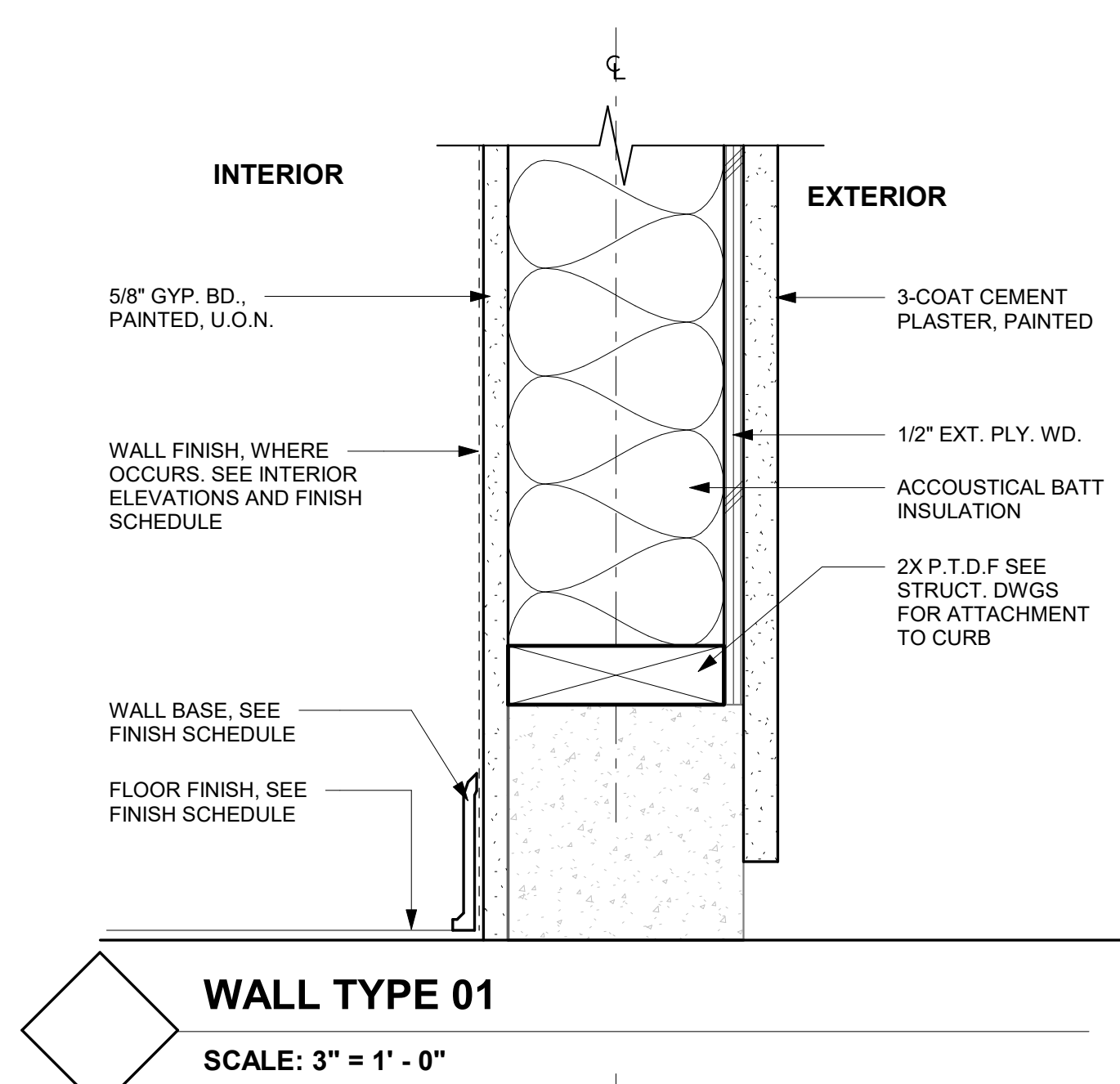
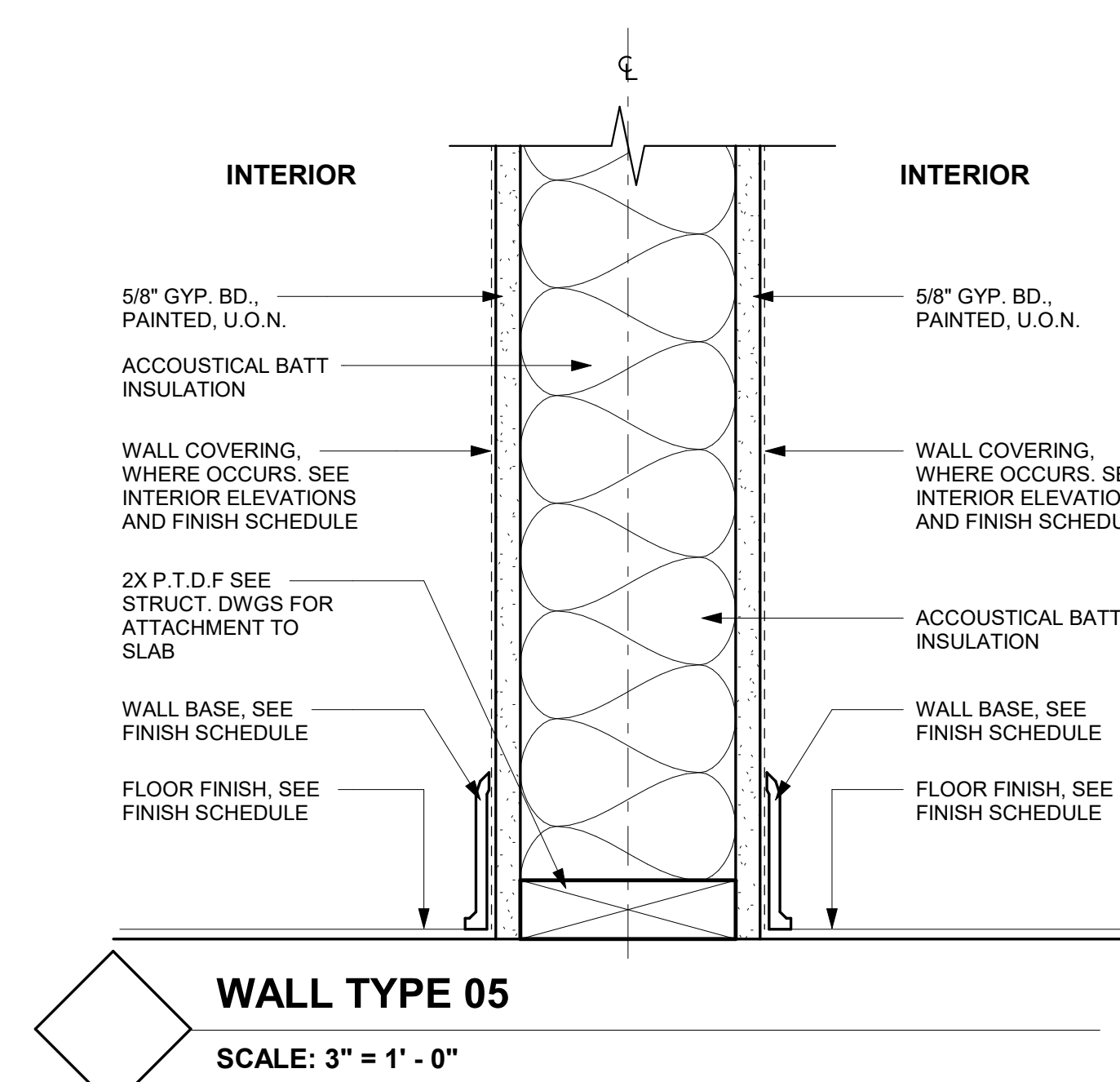
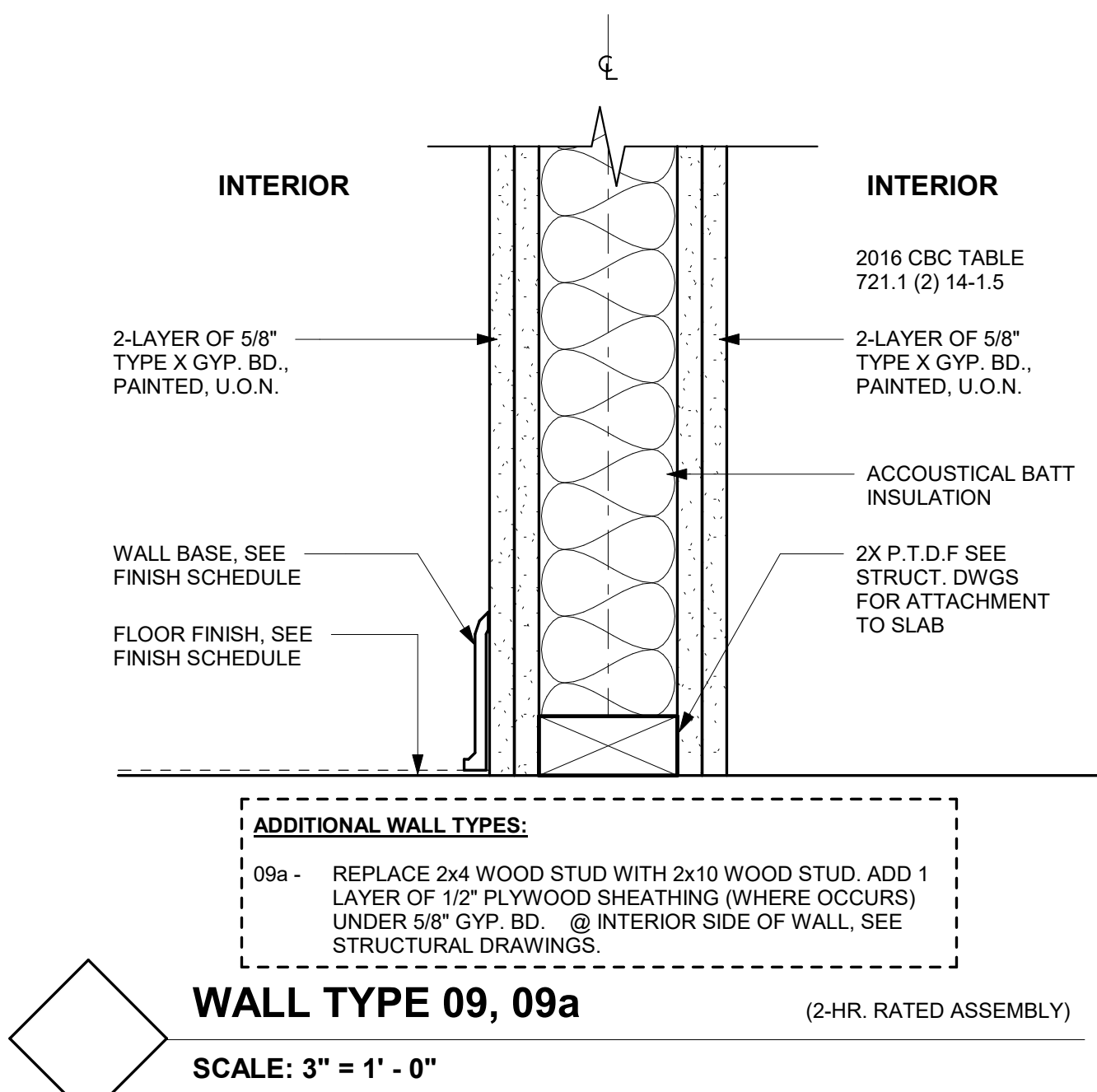
WALL TYPES

DATE 05/09/2019

JOB # 2018045

SHEET #

A9.01



TYPICAL SUSPENDED LAY-IN PANEL CEILING SYSTEM NOTES:

(Based upon DSA IR 25-2.13, Issued 04-20-17) PURPOSE: THE PURPOSE OF THIS INTERPRETATION OF REGULATIONS (IR) IS TO PROVIDE GUIDELINES FOR THE DESIGN AND INSTALLATION OF METAL SUSPENSION SYSTEMS FOR LAY-IN CEILING ON PROJECTS SUBMITTED UNDER THE 2013 CALIFORNIA BUILDING CODE (CBC) FOR PROJECTS SUBMITTED TO THE DIVISION OF THE STATE ARCHITECT (DSA) FOR REVIEW UNDER THE 2007 OR 2010 CBC. SEE IR 25-2.07 OR IR 25-2.10, RESPECTIVELY.

GENERAL REQUIREMENTS: CBC SECTION 1616A.1.20 (1616.10.16*) REQUIRES THE DESIGN AND INSTALLATION TO BE IN COMPLIANCE WITH ASTM C636, C636, AND E580, SECTION 5, WITH MODIFICATIONS.

CEILING SYSTEM COMPONENTS: a) SHALL COMPLY WITH ASTM C636 AND SECTION 5.1 OF ASTM E580. b) IF THE CEILING GRID SYSTEM MUST BE RATED HEAVY DUTY AS DEFINED BY ASTM C636...

SUSPENSION SYSTEM INSTALLATION: a) SHALL COMPLY WITH ASTM C636 AND SECTION 5.2 OF ASTM E580. b) #12 GAGE HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING A 4 FOOT BY 4 FOOT GRID SPACING...

CEILING FIXTURES, TERMINALS, AND DEVICES: a) ALL FIXTURES, TERMINALS, AND OTHER DEVICES SHALL BE MOUNTED IN A MANNER THAT WILL NOT COMPROMISE CEILING PERFORMANCE IN ACCORDANCE WITH SECTION 13.5.6.2 ITEM 5 OF ASCE 7 AS AMENDED BY CBC SECTION 1616A.1.20 (1616.10.16*)...

CEILING FIXTURES, TERMINALS, AND DEVICES: a) ALL FIXTURES, TERMINALS, AND OTHER DEVICES SHALL BE MOUNTED IN A MANNER THAT WILL NOT COMPROMISE CEILING PERFORMANCE IN ACCORDANCE WITH SECTION 13.5.6.2 ITEM 5 OF ASCE 7 AS AMENDED BY CBC SECTION 1616A.1.20 (1616.10.16*)...

CEILING FIXTURES, TERMINALS, AND DEVICES: a) ALL FIXTURES, TERMINALS, AND OTHER DEVICES SHALL BE MOUNTED IN A MANNER THAT WILL NOT COMPROMISE CEILING PERFORMANCE IN ACCORDANCE WITH SECTION 13.5.6.2 ITEM 5 OF ASCE 7 AS AMENDED BY CBC SECTION 1616A.1.20 (1616.10.16*)...

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- 2.6.3 OTHER DEVICES WITHIN THE CEILING: ALL LIGHTWEIGHT MISCELLANEOUS DEVICES, SUCH AS STROBE LIGHTS, OCCUPANCY SENSORS, SPEAKERS, EXIT SIGNS, ETC. SHALL BE ATTACHED TO THE CEILING GRID PER SECTION 2.6.2 (A) OF THIS IR...
2.6.4 ADDITIONAL REQUIREMENTS:
2.6.5 PENDANT MOUNTED LIGHT FIXTURES: a) WHERE PENDANT MOUNTED LIGHT FIXTURES ARE TO BE INSTALLED IN AREAS WITH A SUSPENDED CEILING...

- 2.6.6 FIRE RATED CEILING: a) PROVIDE A DETAIL AND LISTING NUMBER FOR RATED CEILING ASSEMBLIES FROM AN AUTHORIZED TESTING AGENCY...
2.6.7 ACoustICAL CEILING TILE PANEL INSTALLATION: FOR CEILING INSTALLATIONS UTILIZING ACoustICAL TILE PANELS OF MINERAL OR GLASS FIBER...

- 2.6.8 OTHER PANEL TYPES: PANELS WEIGHING MORE THAN ONE-HALF (1/2) PSF, OTHER THAN MINERAL FIBER AND GLASS FIBER ACoustICAL TILE, AND ALL METAL AND WOOD PANELS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION RUNNERS BY MECHANICAL MEANS...

- 2.6.9 EXTERNA L FORCE BRACING ASSEMBLY INSTALLATION: a) LATERAL FORCE BRACING ASSEMBLIES CONSISTING OF A COMPRESSION STRUT AND FOUR (4) #12 GAGE SPRAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER ARE REQUIRED FOR ALL CEILING AREAS...
2.6.10 FREE FLOATING CEILING: FREE FLOATING CEILING (CEILING NOT ATTACHED TO ANY WALLS) SUPPORTED BY WIRES IN ACCORDANCE WITH THIS IR SHALL BE PERMITTED...

- 2.6.11 CEILING SYSTEM ALTERATION: THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE UPGRADED TO MEET THE CURRENT REQUIREMENTS OF THE CBC AND THIS IR IF ANY PORTION OF THE GRID SYSTEM IS CUT OR ALTERED.
2.6.12 WHERE THE CEILING GRID IS NOT CUT OR ALTERED, AND THE SCOPE OF WORK INCLUDES ONLY THE FOLLOWING:
2.6.13 RE-USE OF EXISTING CEILING HANGER WIRES AND BRACING WIRES: EXISTING CEILING HANGER AND BRACING WIRES MAY BE REUSED PROVIDED THEY COMPLY WITH THE FOLLOWING:

- 2.6.14 RE-USE OF EXISTING CEILING HANGER WIRES AND BRACING WIRES: EXISTING CEILING HANGER AND BRACING WIRES MAY BE REUSED PROVIDED THEY COMPLY WITH THE FOLLOWING:
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- 2.6.16 RE-USE OF EXISTING CEILING HANGER WIRES AND BRACING WIRES: EXISTING CEILING HANGER AND BRACING WIRES MAY BE REUSED PROVIDED THEY COMPLY WITH THE FOLLOWING:
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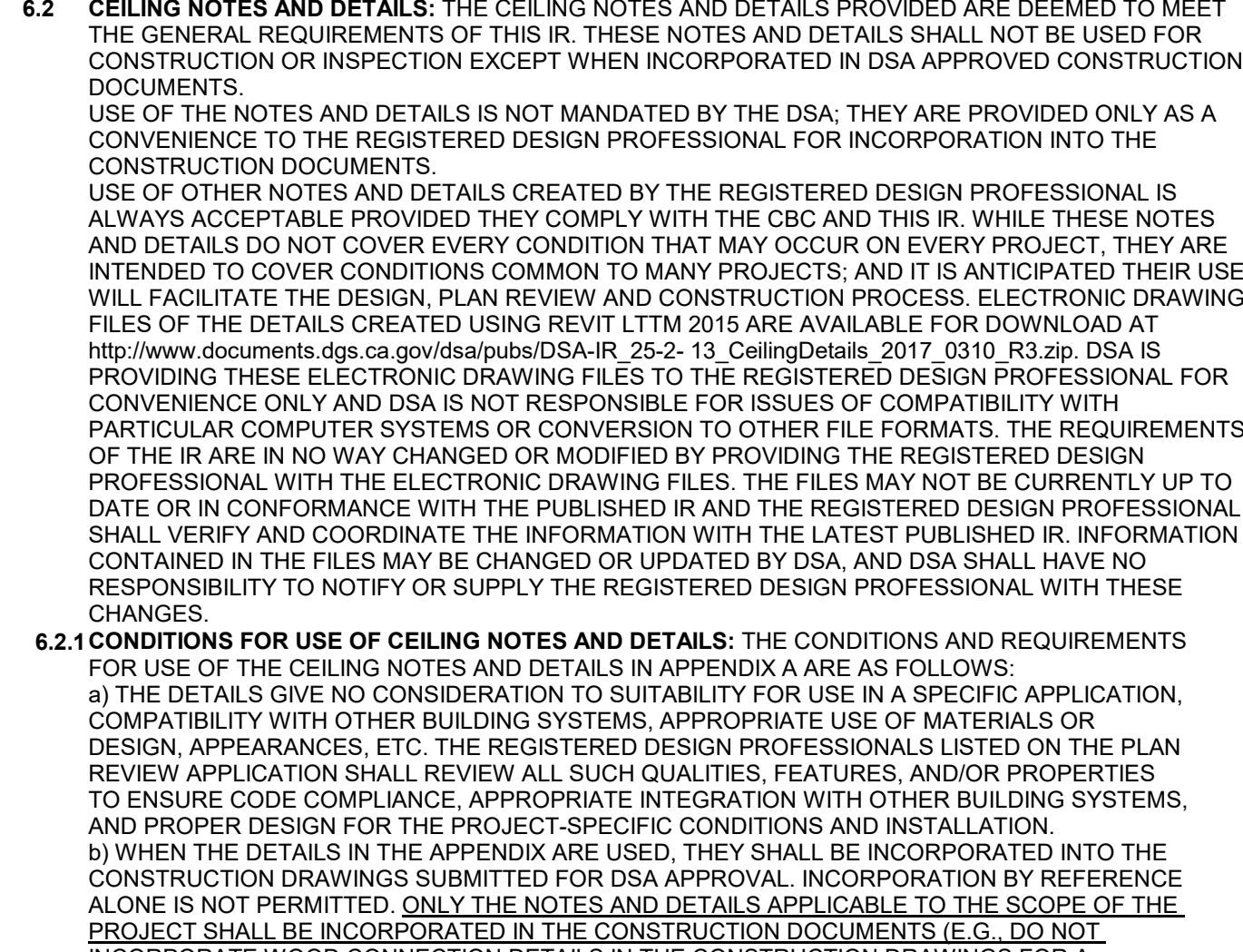
- 2.6.18 RE-USE OF EXISTING CEILING HANGER WIRES AND BRACING WIRES: EXISTING CEILING HANGER AND BRACING WIRES MAY BE REUSED PROVIDED THEY COMPLY WITH THE FOLLOWING:
2.6.19 CONSTRUCTION DOCUMENTS: THE CONSTRUCTION DOCUMENTS SHALL CLEARLY IDENTIFY ALL SUSPENDED CEILING SYSTEMS, SUPPORT DETAILS, AND LATERAL BRACING.

- 2.6.20 GENERAL REQUIREMENTS: THE ITEMS LISTED IN THIS SECTION ARE REQUIRED TO BE PROVIDED IN THE CONSTRUCTION DOCUMENTS WHERE APPLICABLE TO THE PROJECT SCOPE. THIS LIST INCLUDES ITEMS COMMON TO MOST PROJECTS BUT IS NOT COMPLETE FOR ALL PROJECTS. ADDITIONAL INFORMATION AND/OR DETAILS MAY BE REQUIRED ON THE CONSTRUCTION DOCUMENTS FOR A SPECIFIC PROJECT FOR SPECIALTY CONDITIONS.

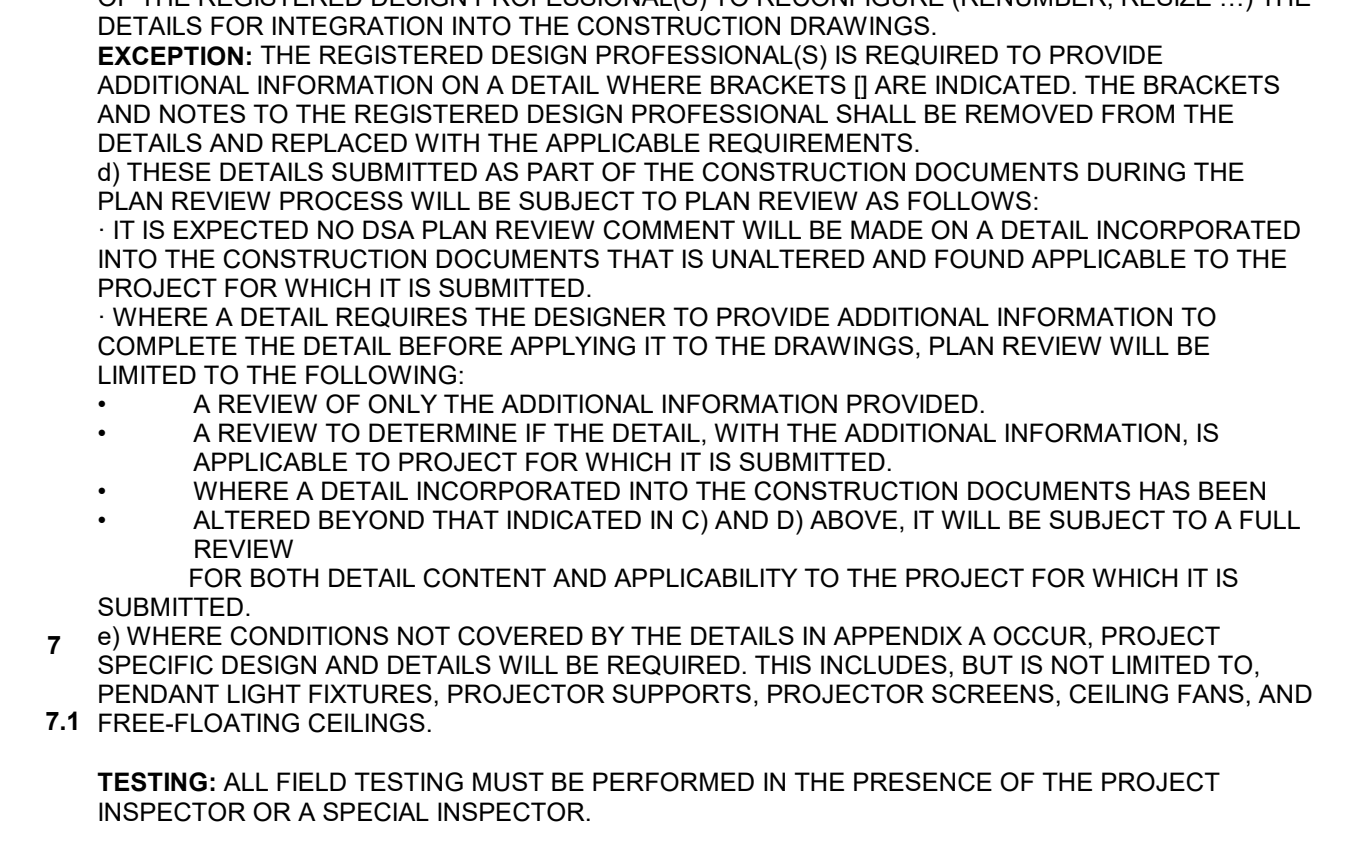
- 2.6.21 CEILING SYSTEMS A LIST OF ACCEPTABLE GRID SYSTEMS MUST BE SHOWN ON THE CONSTRUCTION DOCUMENTS. EACH SYSTEM SPECIFIED MUST BE CLASSIFIED AS HEAVY DUTY AND SHALL HAVE A VALID EVALUATION REPORT IN ACCORDANCE WITH DSA IR 25-2.13.
2.6.22 CEILING SUSPENSION SYSTEM: THE CEILING SUSPENSION SYSTEM AND ITS ANCHORAGE TO THE STRUCTURE SHALL BE FULLY DETAILED. CONDUCT NAME, EVALUATION REPORT NUMBER, MAIN WHERE ACCEPTED PROPRIETARY DEVICES, CLIPS, WALL ANGL ES, ETC. ARE UTILIZED, THE DETAILS ON THE CONSTRUCTION DOCUMENTS SHALL CLEARLY INDICATE THE INSTALLATION DETAILS.

- 2.6.23 CEILING LATERAL FORCE BRACING: THE CEILING LATERAL FORCE BRACING SYSTEM, INCLUDING THE BRACING WIRES AND COMPRESSION STRUT, AND THE BRACING SYSTEM ANCHORAGE TO THE STRUCTURE SHALL BE FULLY DETAILED ON THE CONSTRUCTION DOCUMENTS. THE BRACING ASSEMBLY SPACING AT EACH FLOOR AND ROOF LEVEL MUST BE CLEARLY INDICATED.
2.6.24 EXPANSION JOINTS AND SEISMIC SEPARATIONS JOINTS: EXPANSION JOINTS AND SEISMIC SEPARATION JOINTS SHALL BE FULLY DETAILED AND THE LOCATION SHALL BE SHOWN ON THE CEILING PLANS.

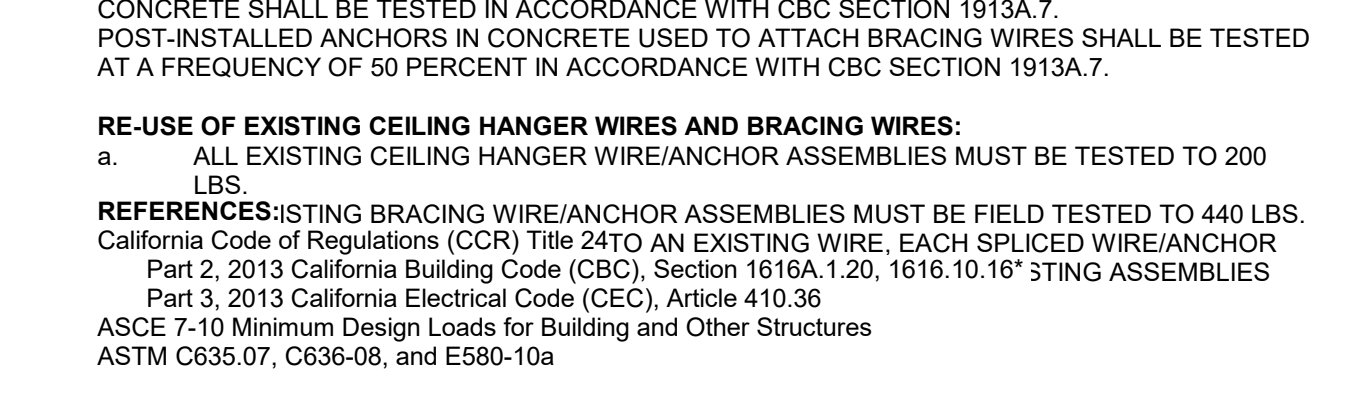
- 2.6.25 CEILING FIXTURES, TERMINALS, AND DEVICES ANCHORAGE AND BRACING: DETAILS OF CONSTRUCTION FOR ALL FIXTURES, TERMINALS, FLEXIBLE FIRE SPRINKLER HOSE FITTINGS, AND OTHER DEVICES ARE REQUIRED TO COMPLY WITH THIS IR AND DSA IR 16-9.
2.6.26 PENDANT MOUNTED LIGHT FIXTURES: WHERE PENDANT MOUNTED LIGHT FIXTURES ARE TO BE INSTALLED IN AREAS WITH A SUSPENDED CEILING, THE CONSTRUCTION DOCUMENTS SHALL INCLUDE COMPLETE SUPPORT DETAILS COMPLYING WITH THIS IR AND DSA IR 16-9.



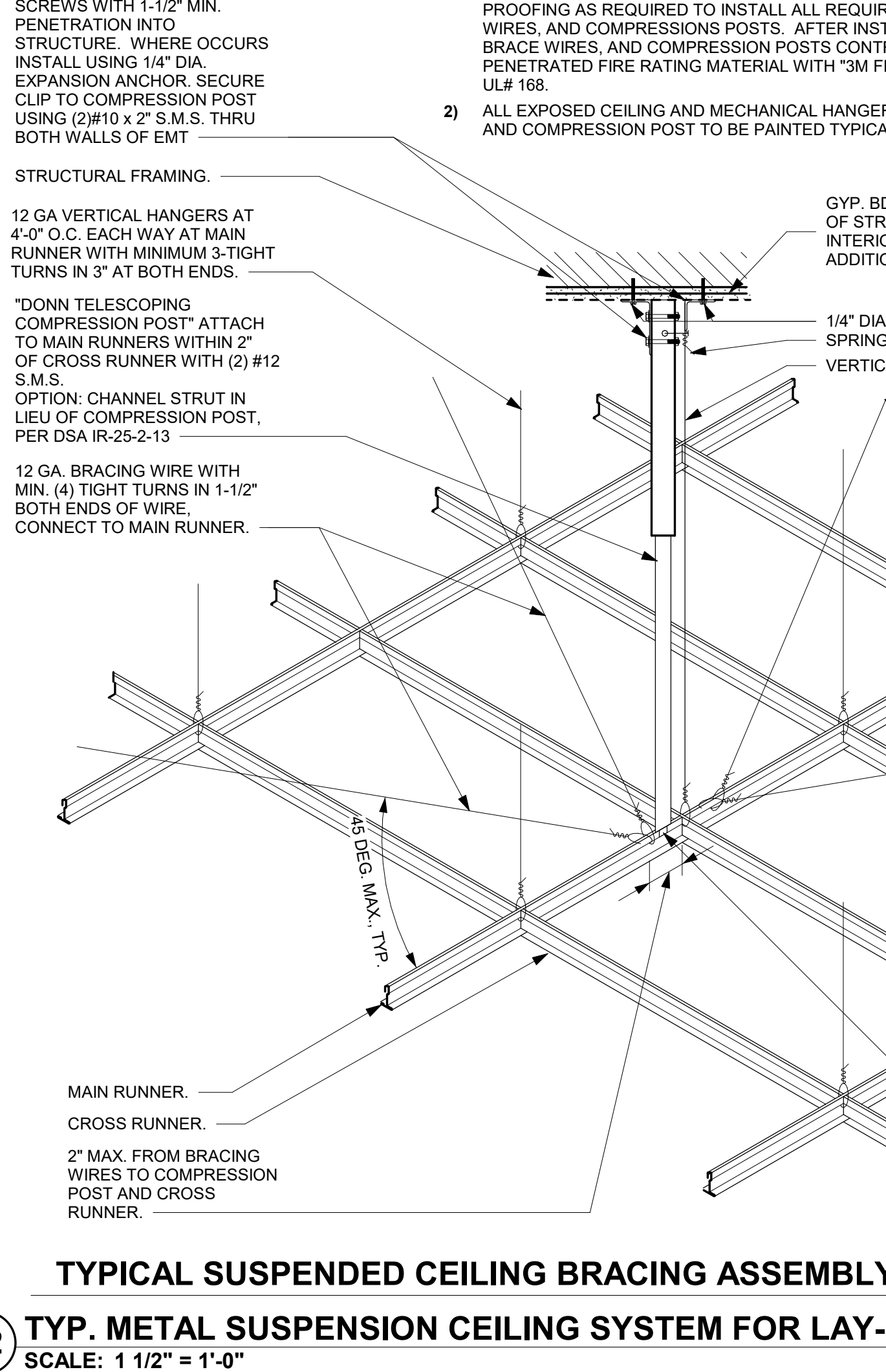
5 WIRE CLIP ATTACHMENT AT WOOD FRAMING SCALE: 1 1/2" = 1'-0"



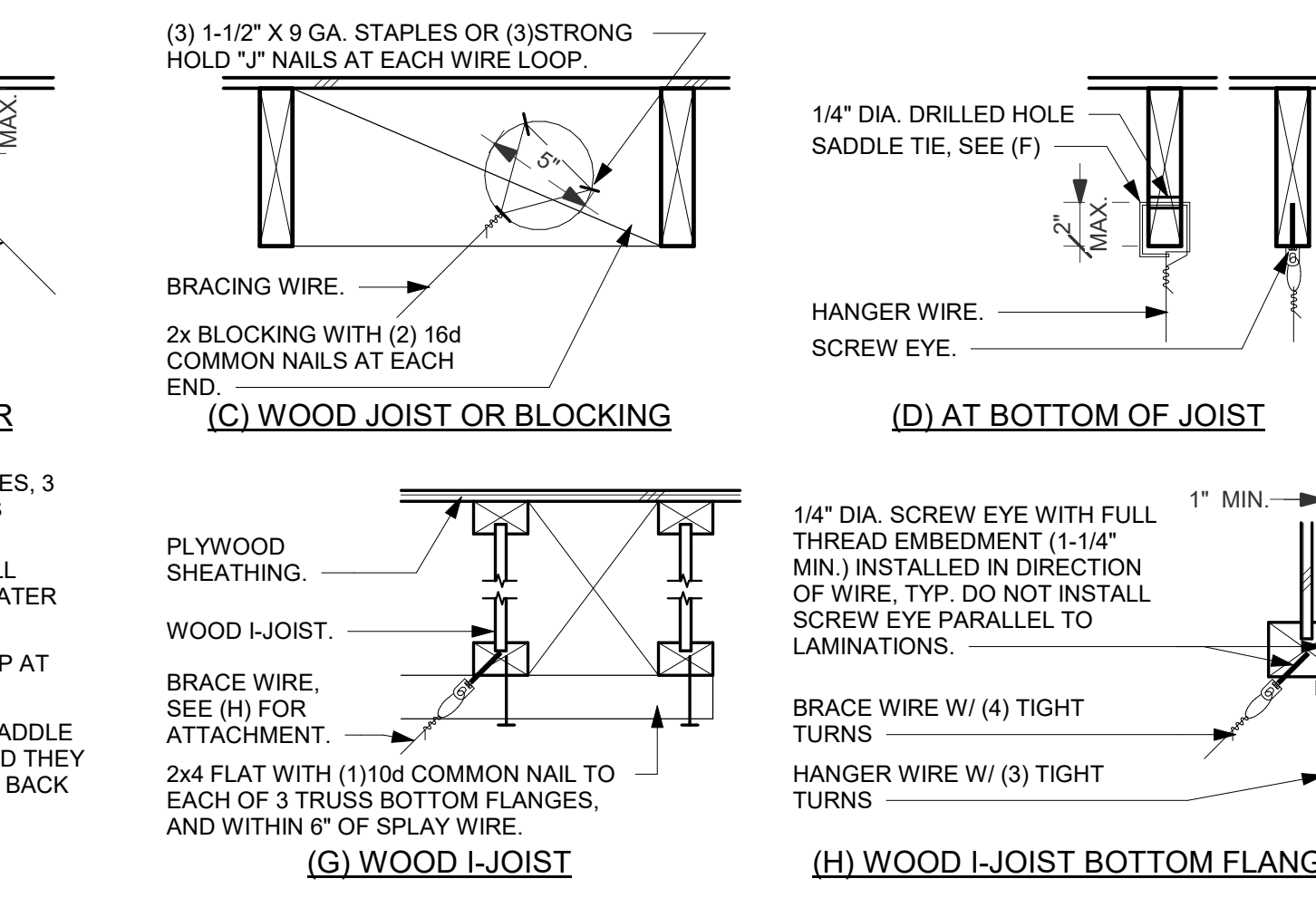
6 CEILING ACCESS PANEL (2x STUDS) SCALE: 3" = 1'-0"



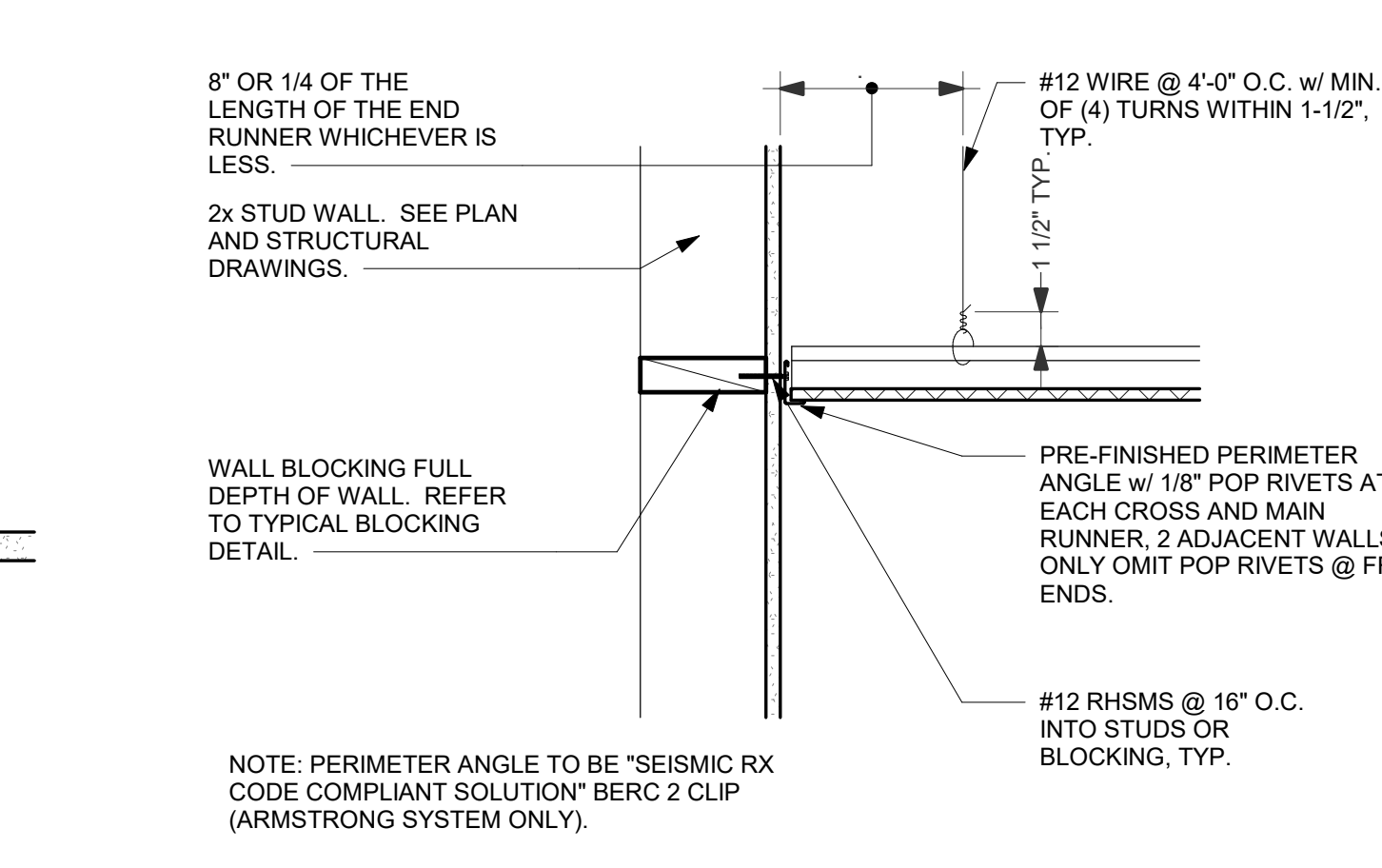
12 TYP. METAL SUSPENSION CEILING SYSTEM FOR LAY-IN PANELS SCALE: 1 1/2" = 1'-0"



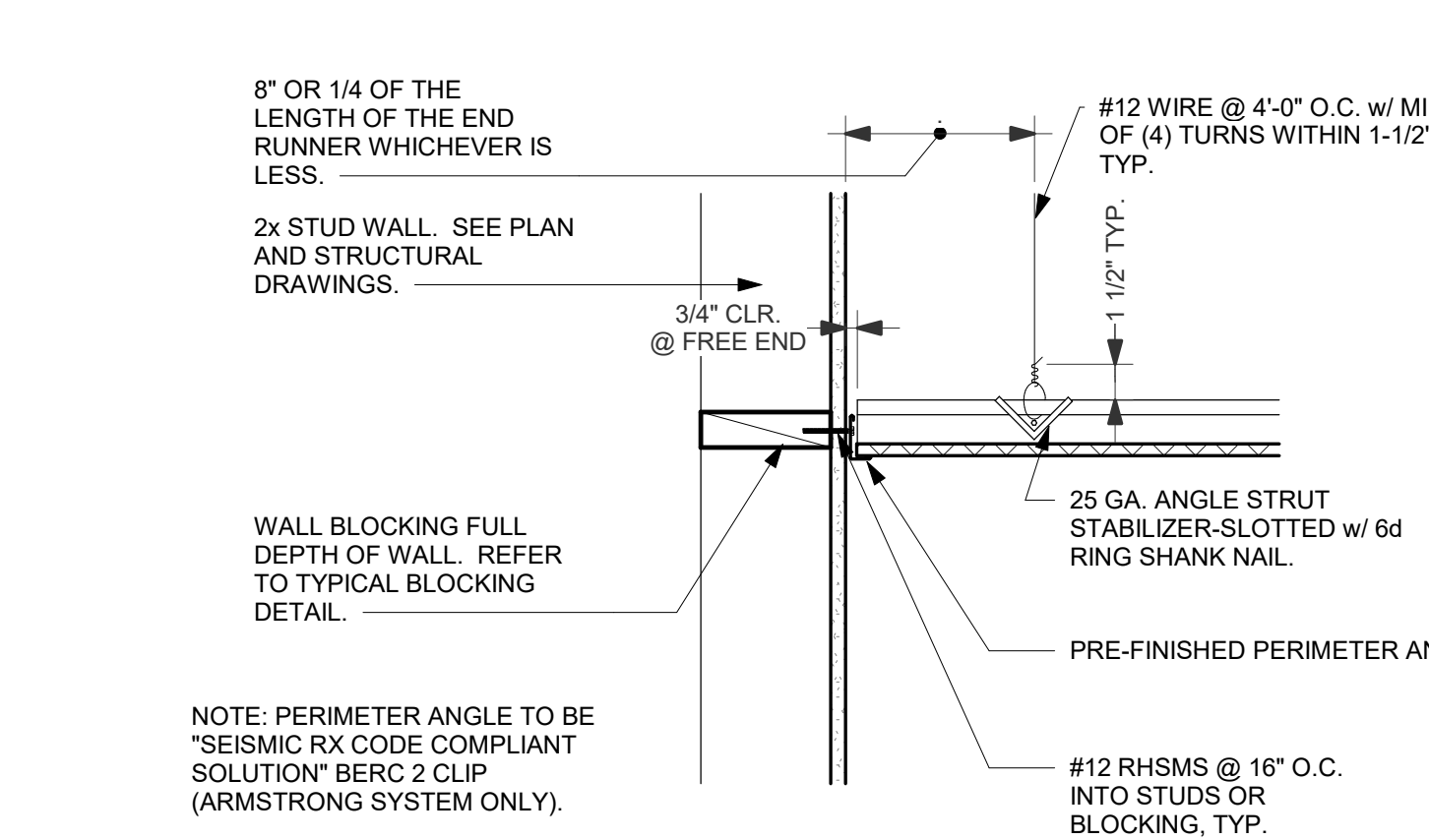
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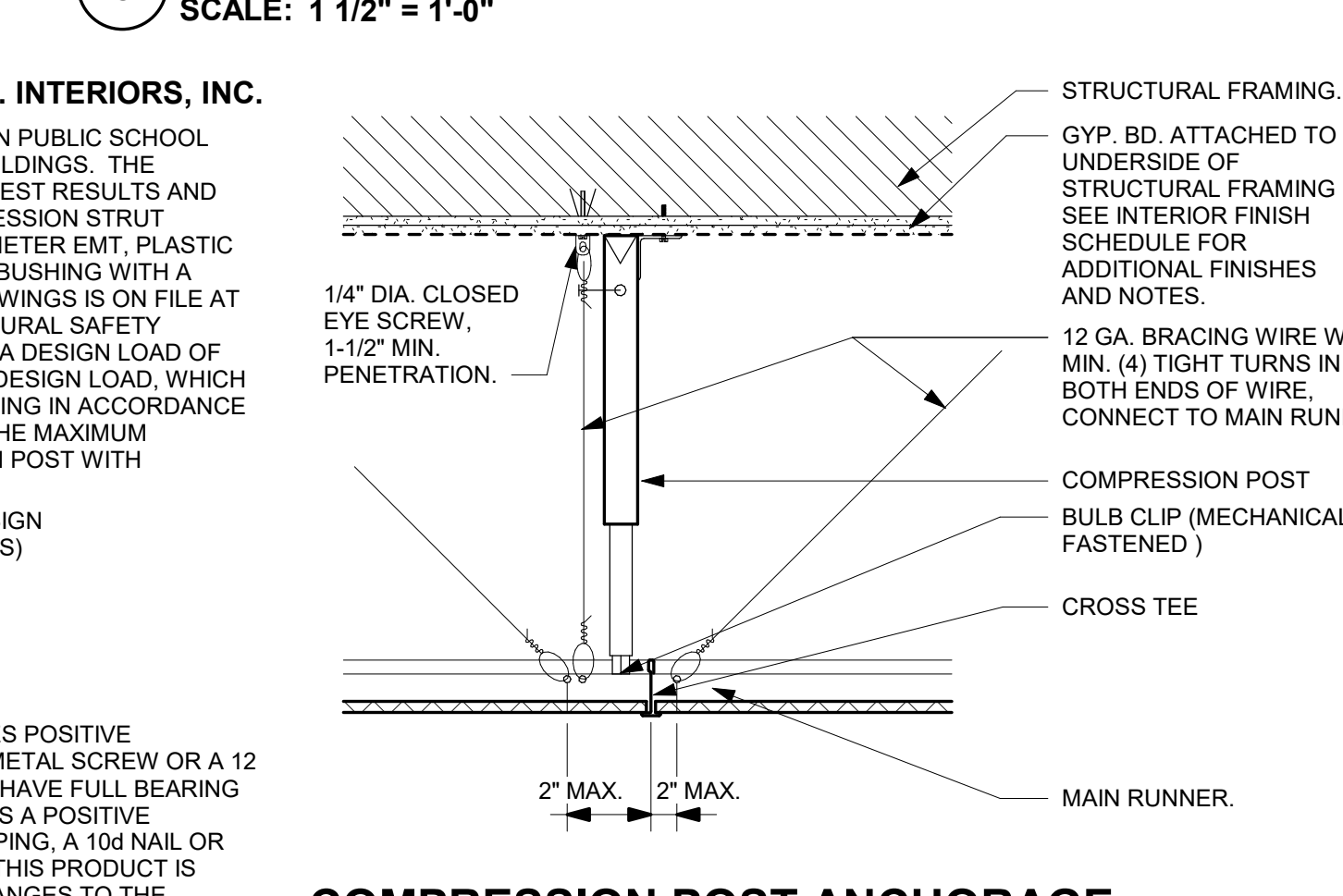
2 SUSP. CEILING FIXED END CONNECTION (2x STUDS) SCALE: 1 1/2" = 1'-0"



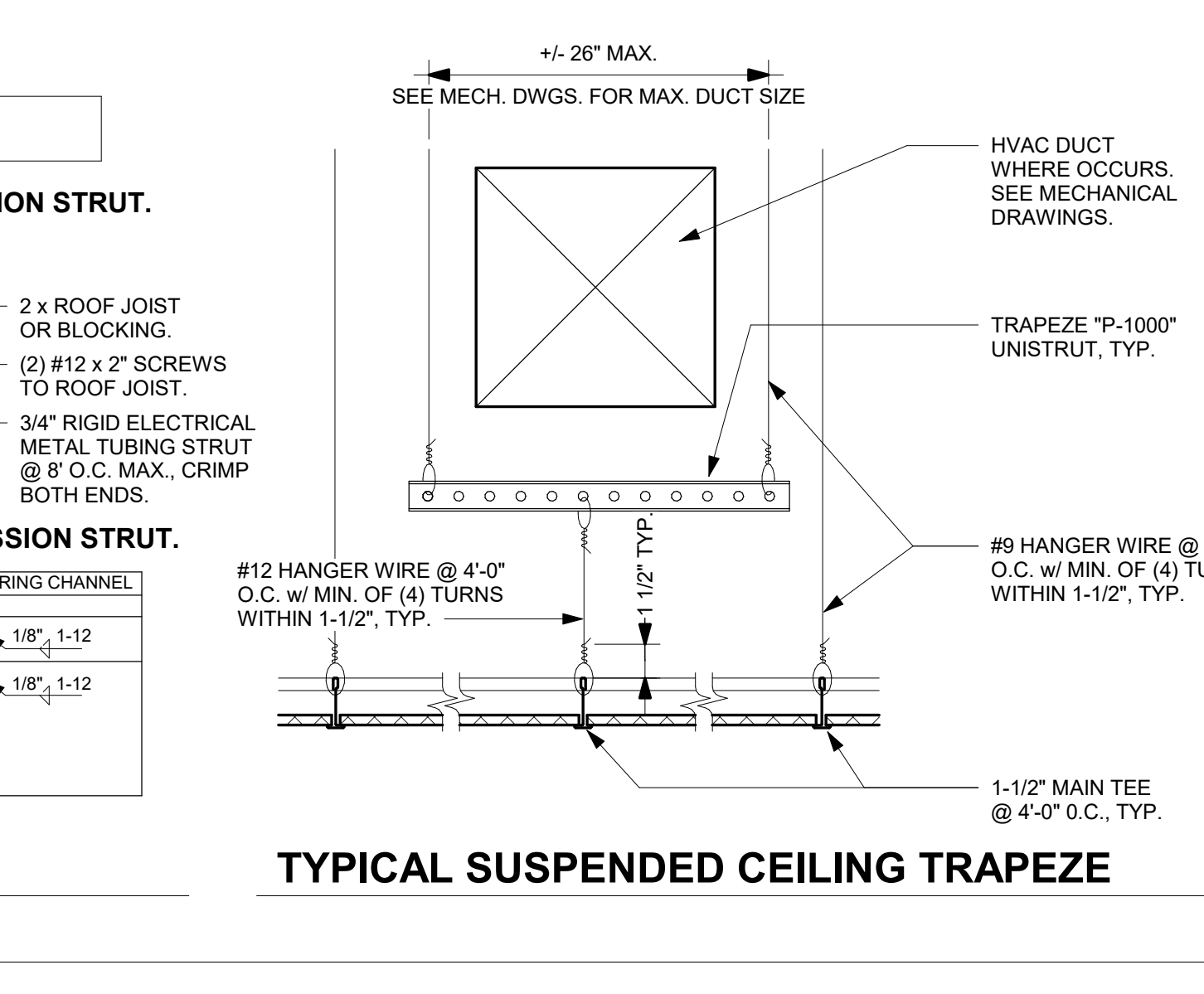
2 SUSP. CEILING FIXED END CONNECTION (2x STUDS) SCALE: 1 1/2" = 1'-0"



3 SUSP. CEILING FREE END CONNECTION (2x STUDS) SCALE: 1 1/2" = 1'-0"



COMPRESSION POST ANCHORAGE



TYPICAL SUSPENDED CEILING TRAPEZE

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP. 02-117268 INC. REVIEWED FOR DATE: 05/17/2019

aedis architects 387 S. 1st Street, Suite 500 San Jose, CA 95113 Tel: (408) 300-5160 fax: (408) 300-5121

PROJECT MARGARET SCOTTEN ES MODERNIZATION 2019

Grass Valley School District GRASS VALLEY SCHOOL DISTRICT

CONSULTANT

STAMP

STATE

REVISIONS No. Description Date

Table with 3 columns: No., Description, Date. Includes revision for 50% CD and 90% CD.

MILESTONES SD DD 50% CD 90% CD

DATE 05/09/2019

CEILING DETAILS

JOB # 2018045

SHEET # A9.10

PROJECT

MARGARET
 SCOTTEN ES
 MODERNIZATION
 2019



Grass Valley
 School District

GRASS VALLEY SCHOOL
 DISTRICT

CONSULTANT

STAMP



STATE

REVISIONS

No. Description Date

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MILESTONES

SD
 DD
 50% CD
 90% CD
 DSA SUB 01/11/2019
 DSA BC 05/09/2019

SHEET

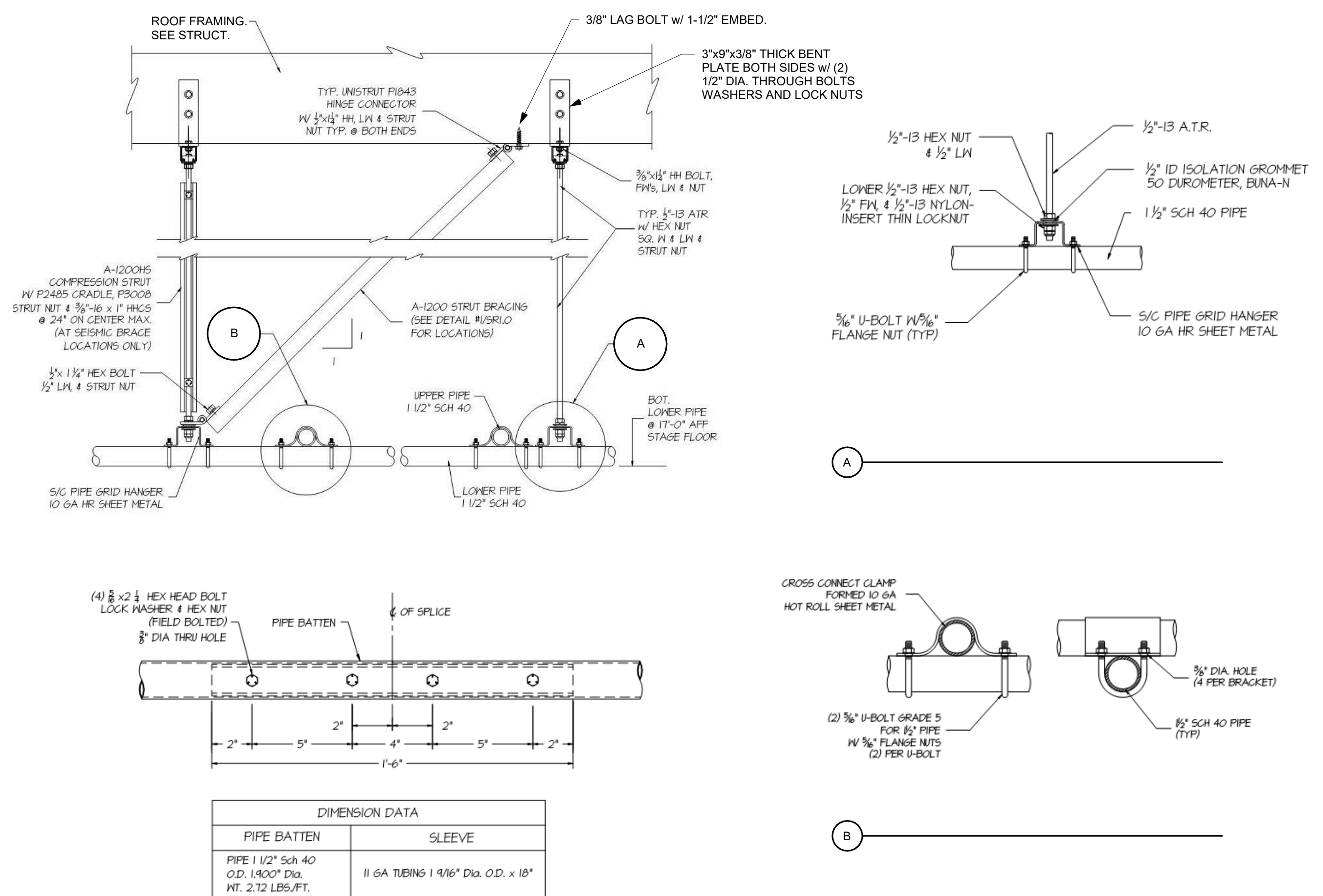
PIPE GRID
 DETAILS

DATE 05/09/2019

JOB # 2018045

SHEET #

A9.11



1 PIPE GRID SUPPORTS AND BRACING
 SCALE: 1" = 1'-0"

DOOR ID	OPENING SIZE		DOOR			FRAME			DETAILS (Sheet A10.02 U.O.N.)			FIRE RATING (MIN.)	HARDWARE GROUP	SIGN		COMMENTS
	WIDTH	HEIGHT	TYPE	FINISH	GLAZING	TYPE	FINISH	HEAD	JAMB	SILL	TYPE			LANGUAGE		
L1a	3'-0"	7'-0"	A	PAINT	--	F1	PAINT	5	5		--	23	1			
L1b	3'-0"	7'-0"	B	PAINT	--	F1	PAINT	6	6	7	--	23	8b			
L2a	3'-0"	7'-0"	A	PAINT	--	F1	PAINT	5	5		--	23	1			
L2b	3'-0"	7'-0"	B	PAINT	--	F1	PAINT	6	6	7	--	1	-			
L2c	3'-0"	7'-0"	B	PAINT	--	F1	PAINT	5	5		--	27	-			
L3a	3'-0"	7'-0"	A	PAINT	--	F1	PAINT	5	5		--	23	8b			
L3b	3'-0"	7'-0"	B	PAINT	--	F1	PAINT	6	6	7	--	1	1			
L4a	3'-0"	7'-0"	A	PAINT	--	F1	PAINT	5	5		--	23	8b			
L4b	3'-0"	7'-0"	B	PAINT	--	F1	PAINT	6	6	7	--	1	1			
L4c	3'-0"	7'-0"	B	PAINT	--	F1	PAINT	5	5		--	27	-			
M6a	6'-0"	7'-0"	C	PAINT	--	F2	PAINT	5	5		2 Hour	3	2			
M7a	30'-0"	10'-0"	D	PREFINISHED	--		PREFINISHED				2 Hour	-	-			
M8a	3'-0"	7'-0"	A	PAINT	--	F1	PAINT	5	5		2 Hour	2	2			
N2a	3'-0"	7'-0"	B	PAINT	--	F1	PAINT	6	6	7	--	1	1			

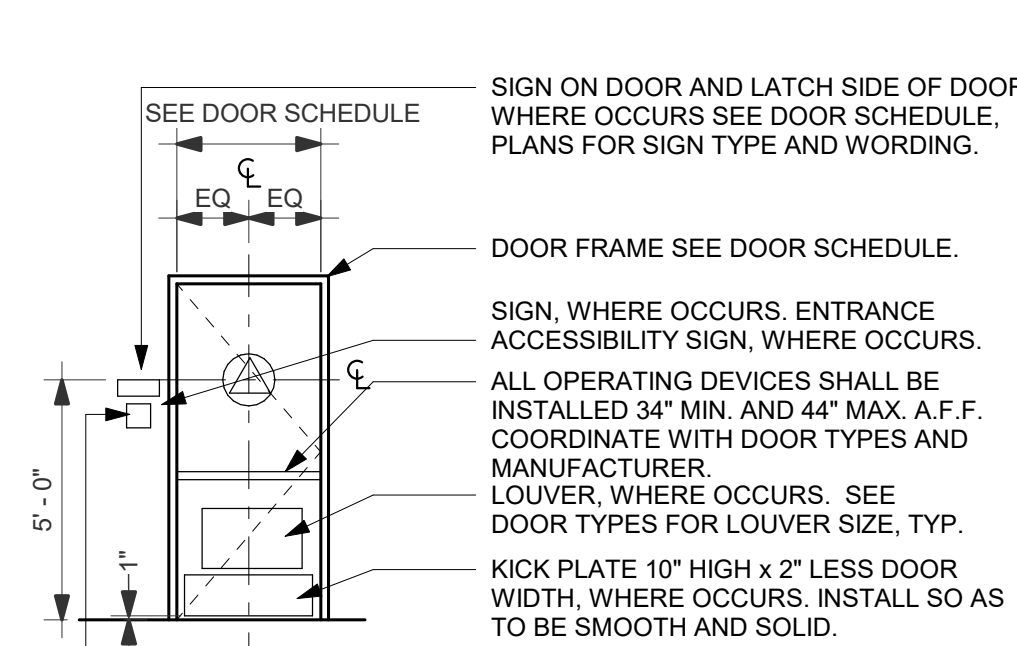
DOOR SCHEDULE GENERAL NOTES

- CONTRACTOR SHALL COORDINATE, PRIOR TO FABRICATION, DOOR FRAME DEPTH TO ACCEPT ALL WALL FINISHES AS DETAILED IN THE DRAWINGS.
- ALL ROOMS WITH AN OCCUPANCY OF 5 OR MORE PERSONS SHALL BE LOCKABLE FROM THE INSIDE IN COMPLIANCE WITH DSA BULLETIN 11-05, EXCEPTIONS AS NOTED IN THE BULLETIN.
- REFER TO DETAIL 12/A10.01 FOR SIGN TYPES.
- REFER TO DETAIL 10/A10.01 FOR SIGN PLACEMENT.
- CONTRACTOR SHALL VERIFY SIGN LANGUAGE WITH DISTRICT PRIOR TO FABRICATION.
- REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ABOUT DOOR HARDWARE GROUPS.

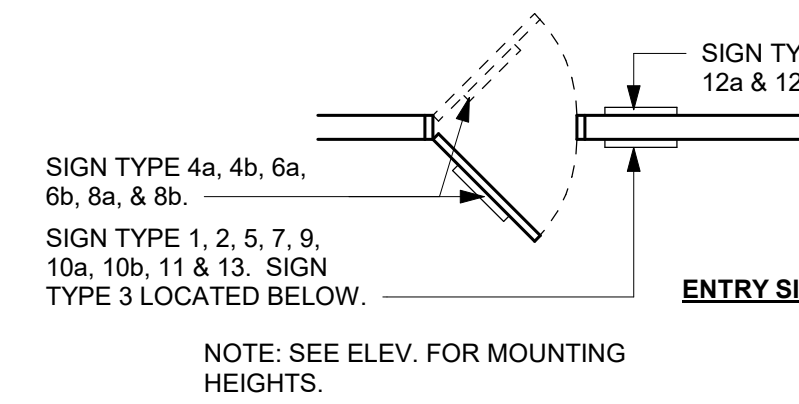
IDENTIFICATION STAMP
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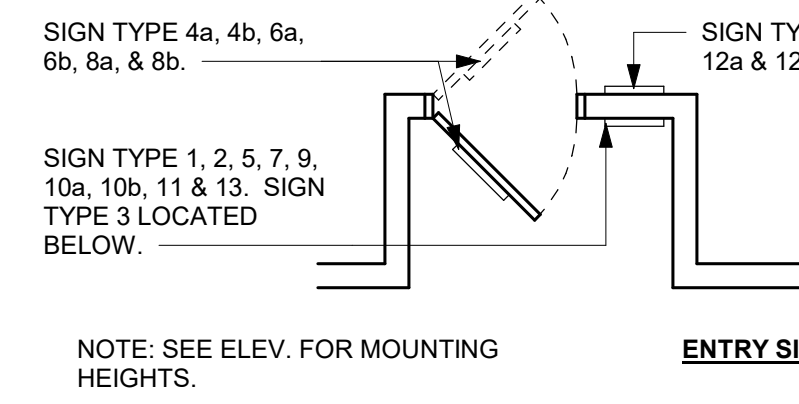
www.aedisarchitects.com
387 S. 1st Street, Suite 300
San Jose, CA 95113
tel: (408) 300-5160
fax: (408) 300-5121



TYPICAL DOOR & FRAME ELEVATION
Scale: 1/4" = 1'-0"



TYPICAL PLAN SITUATION
Scale: 1/4" = 1'-0"



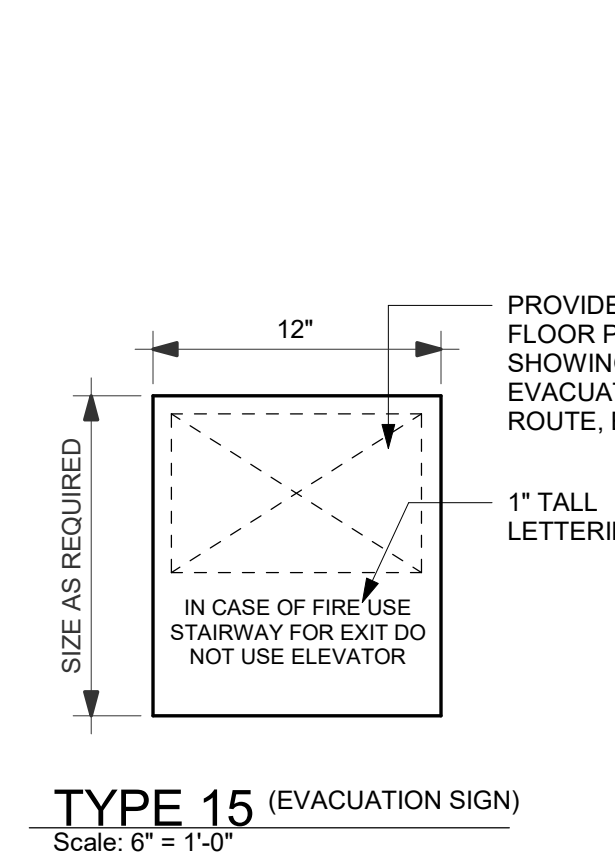
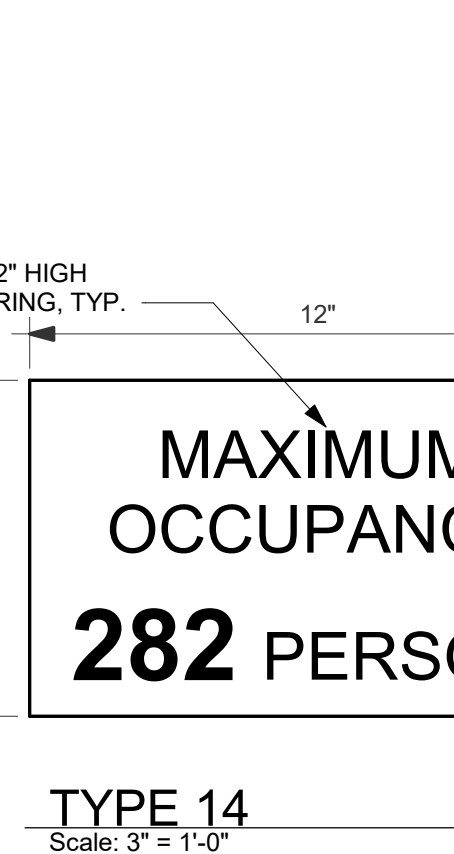
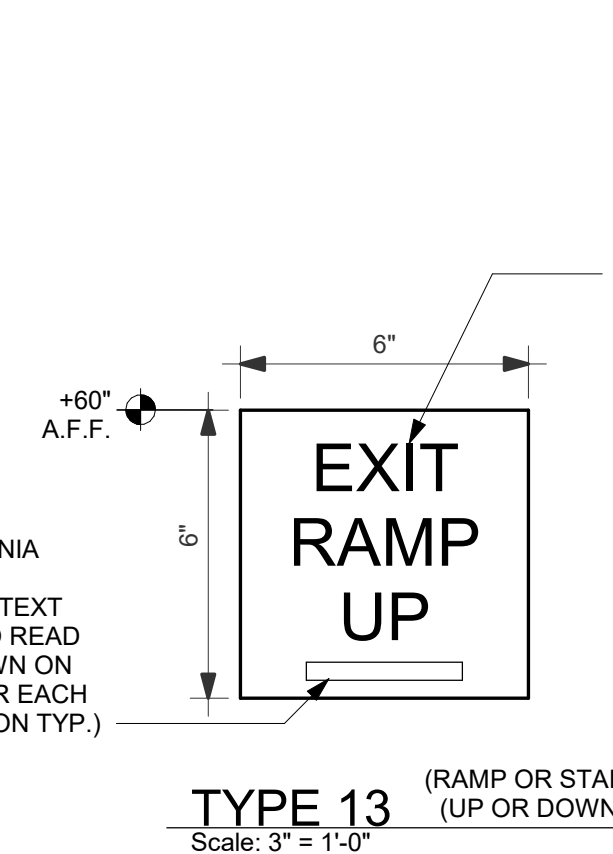
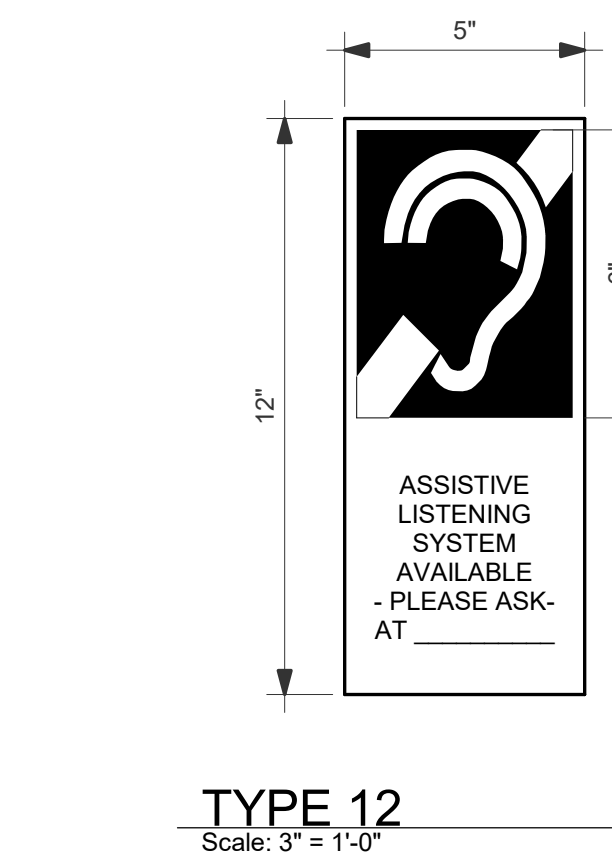
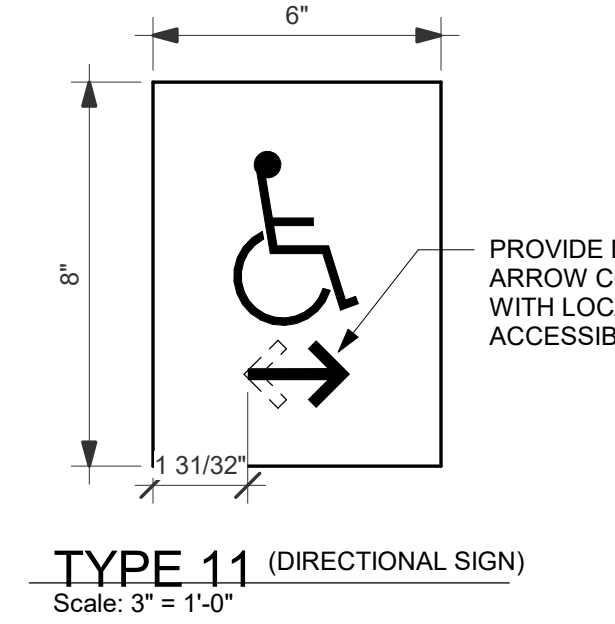
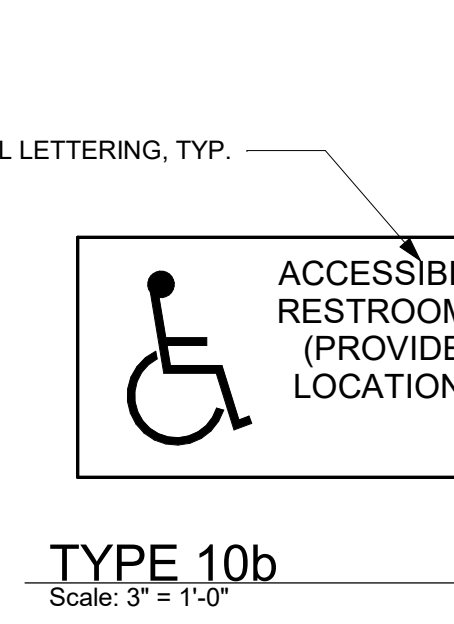
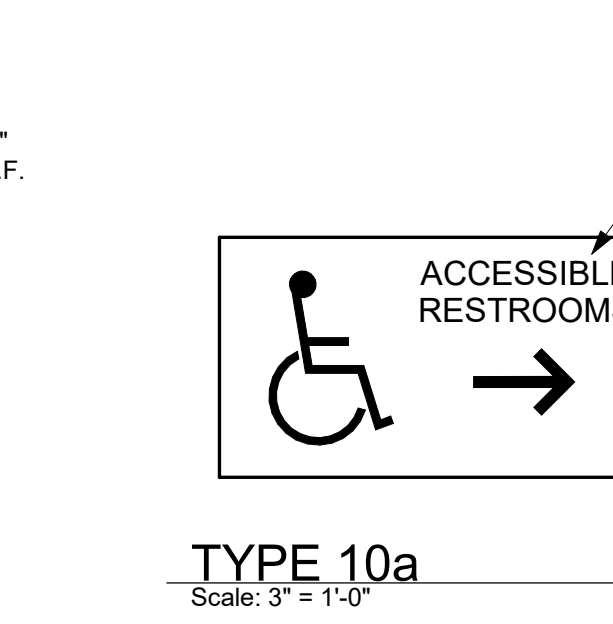
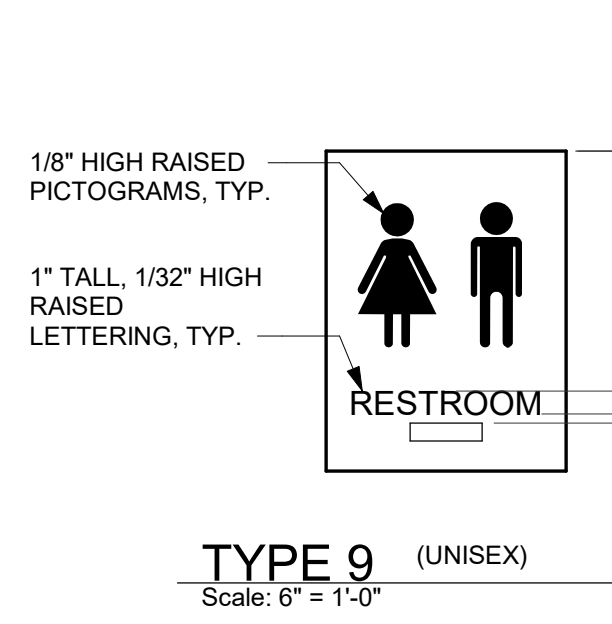
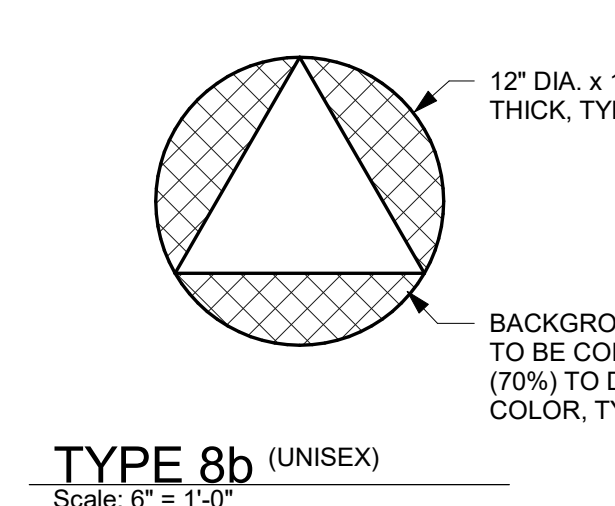
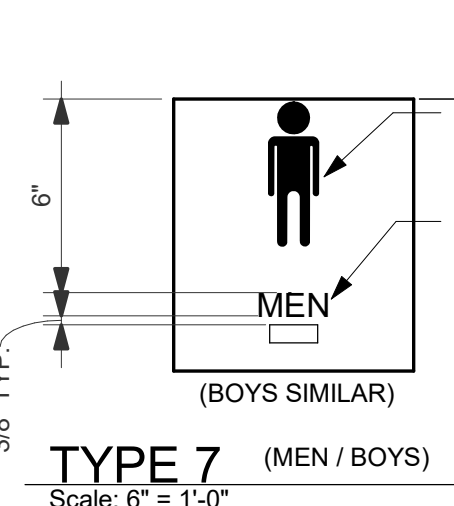
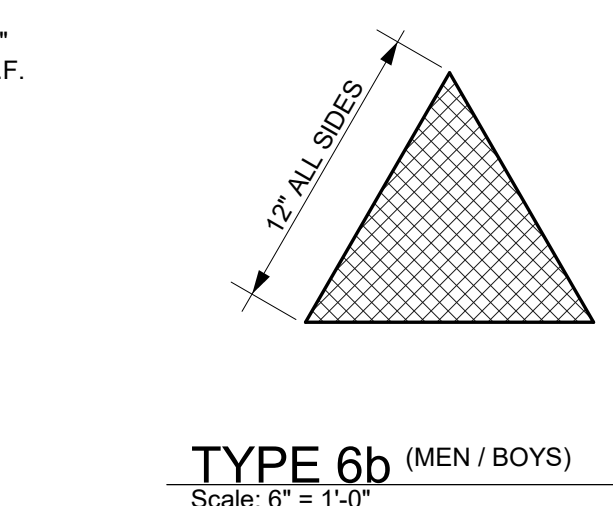
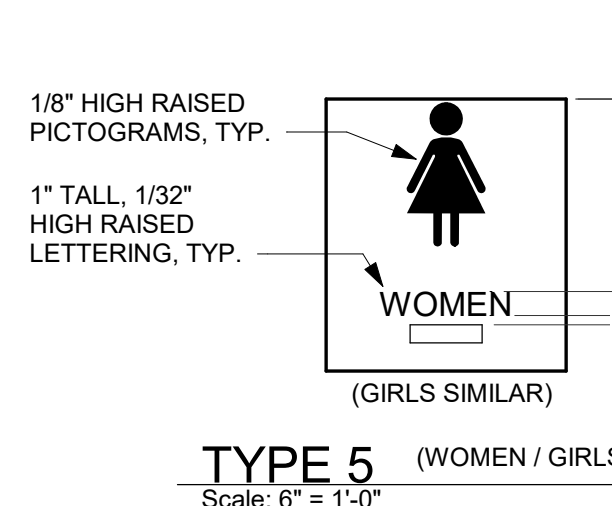
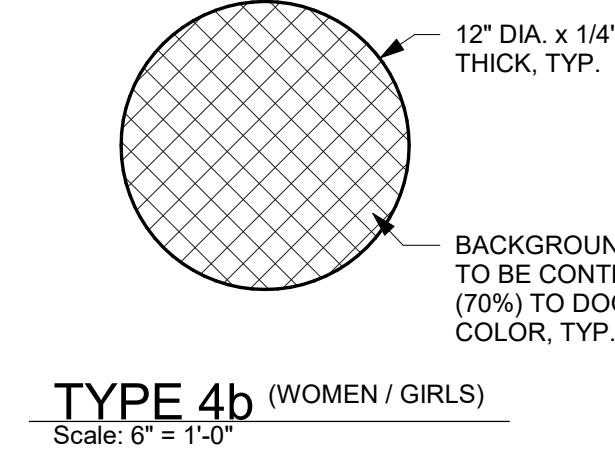
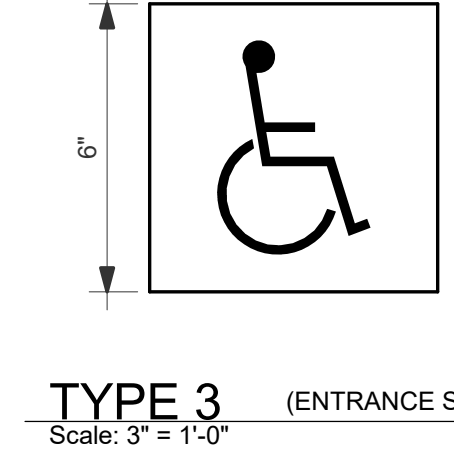
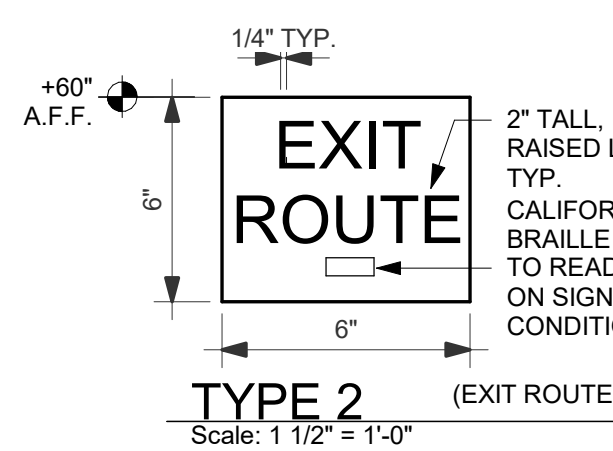
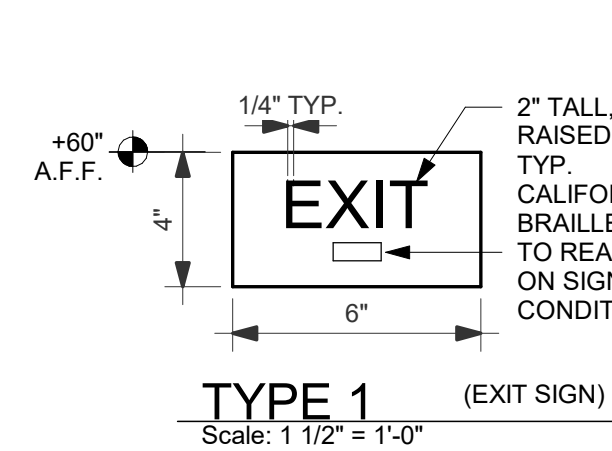
OPTIONAL PLAN SITUATION
Scale: 1/4" = 1'-0"

NOTES:

- PROVIDE TRIANGULAR SIGN (WITH 12" SIDES) AT ALL MEN'S AND BOYS, AND CIRCULAR SIGN (WITH 12" DIAMETER) AT ALL WOMEN'S AND GIRLS TOILET DOORWAYS AND WALL ADJACENT TO LATCH LEADING TO SANITARY FACILITIES PER CBC 2016 SECTION 11B-216.8 & 11B-703.7.2.6, MOUNTED AT 5'-0" TO CENTER OF SIGN TO FINISH FLOOR.
- ALL RATED DOORS TO BE POSITIVE LATCHING AND SELF CLOSING. ALL DOORS TO COMPLY WITH 2013 CBC, SEC. 716.
- ALL 20 MINUTE RATED ASSEMBLIES SHALL BE PROVIDED WITH APPROVED GASKETING MATERIAL INSTALLED TO PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS THE TOP. (PER U.S.C. STANDARDS)
- ALL DOORS SHALL BE 1-3/4" THICK U.O.N.
- ALUMINUM EXTERIOR SIGNAGE FRAMES SHALL BE ATTACHED TO SUBSTRATE WITH VANDAL PROOF FASTENERS WITH EXPANSION SHIELDS. NAME OR ROOM NAME PLATES SHALL BE ATTACHED TO FRAME WITH BRASS SCREWS, AS APPROVED BY ARCHITECT.
- ALL BRAILLE TEXT SHALL BE CALIFORNIA GRADE 2 BRAILLE PER TITLE 24, SECTION 11B-703.3, TYP.
- ALL SIGNS AND IDENTIFICATION (AT MAIN ENTRANCE, TOILETS, PERMANENT ASSISTIVE LISTENING, ETC. SHALL COMPLY WITH TITLE 24, AND CBC SECTIONS 11B-216 AND 11B-703.1 THROUGH 11B-703.7.
- CONTRACTOR TO VERIFY ALL OPENING DIMENSIONS IN FIELD.

10 TYPICAL DOOR NOTES

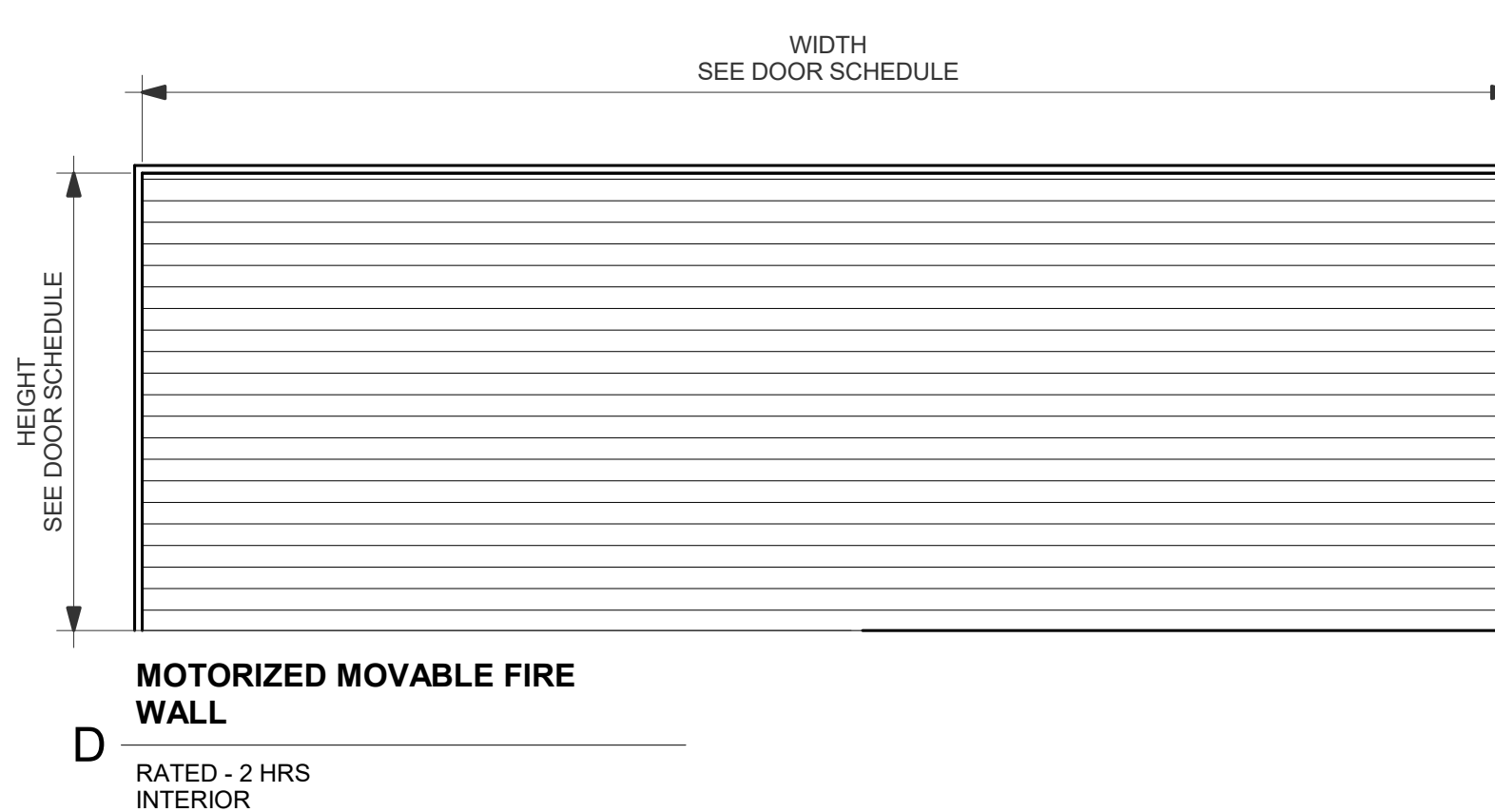
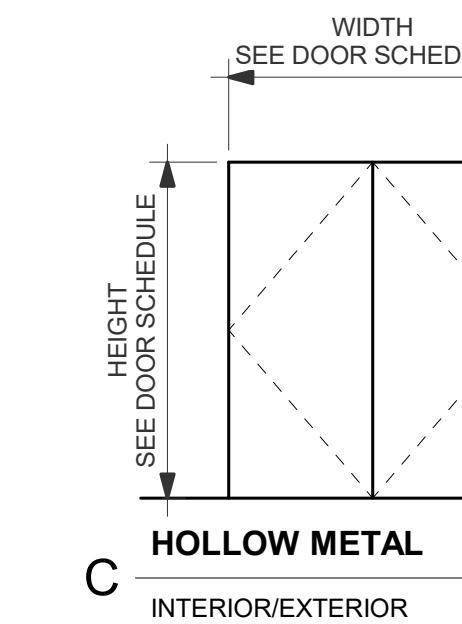
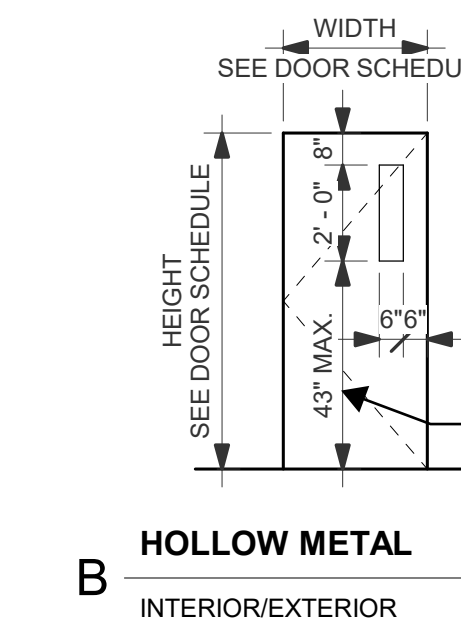
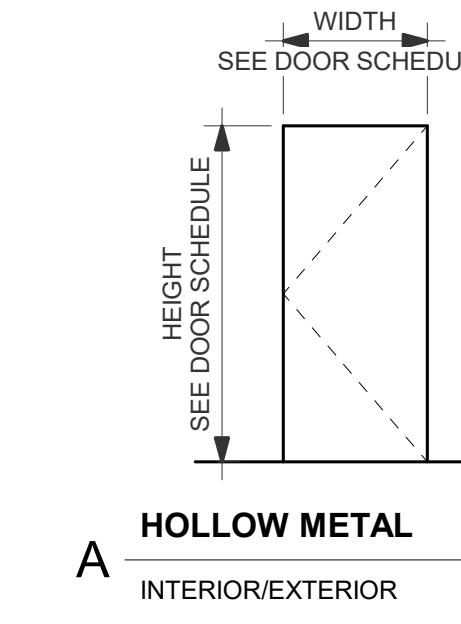
SCALE: 1/4" = 1'-0"



- NOTES:**
- ALL ROOM NAMES & CLASSROOM NUMBERS SHALL BE VERIFIED WITH THE OWNER PRIOR TO FABRICATION.
 - ALL FONTS SHALL BE "SANS SERIF" U.O.N.
 - VERIFY ALL TEXT CONTAINED WITHIN PARENTHESIS WITH ARCHITECT PRIOR TO FABRICATION
- NOTE: SEE TYPICAL DOOR SIGNAGE MOUNTING FOR MORE INFORMATION.

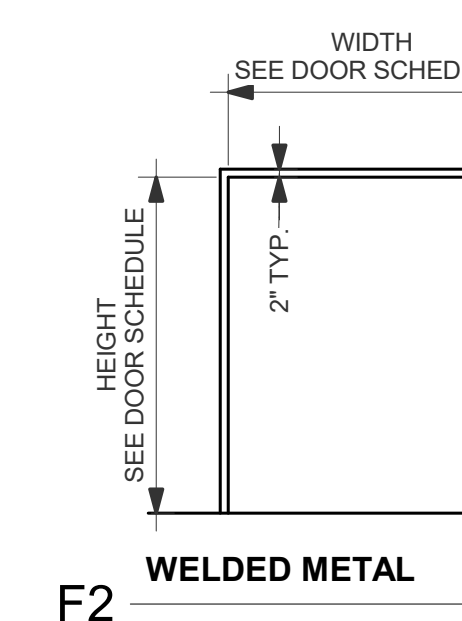
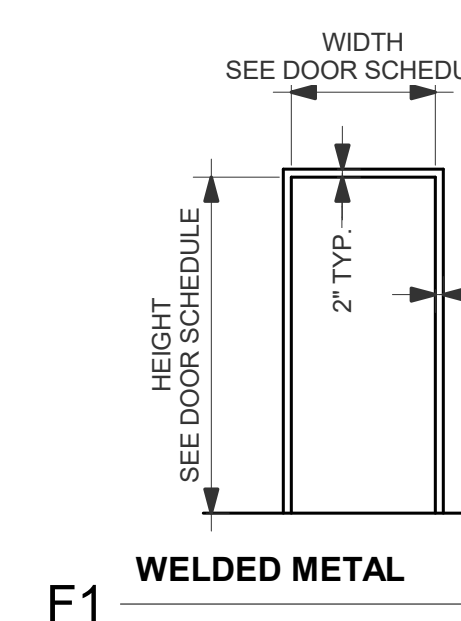
12 TYPICAL SIGNAGE

SCALE: 3" = 1'-0"



3 DOOR TYPES

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



4 FRAME TYPES

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

PROJECT

MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT

CONSULTANT

STAMP



STATE

REVISIONS

No. Description Date



MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

SHEET

OPENING SCHEDULE & TYPES

DATE 05/09/2019

JOB # 2018045

SHEET #

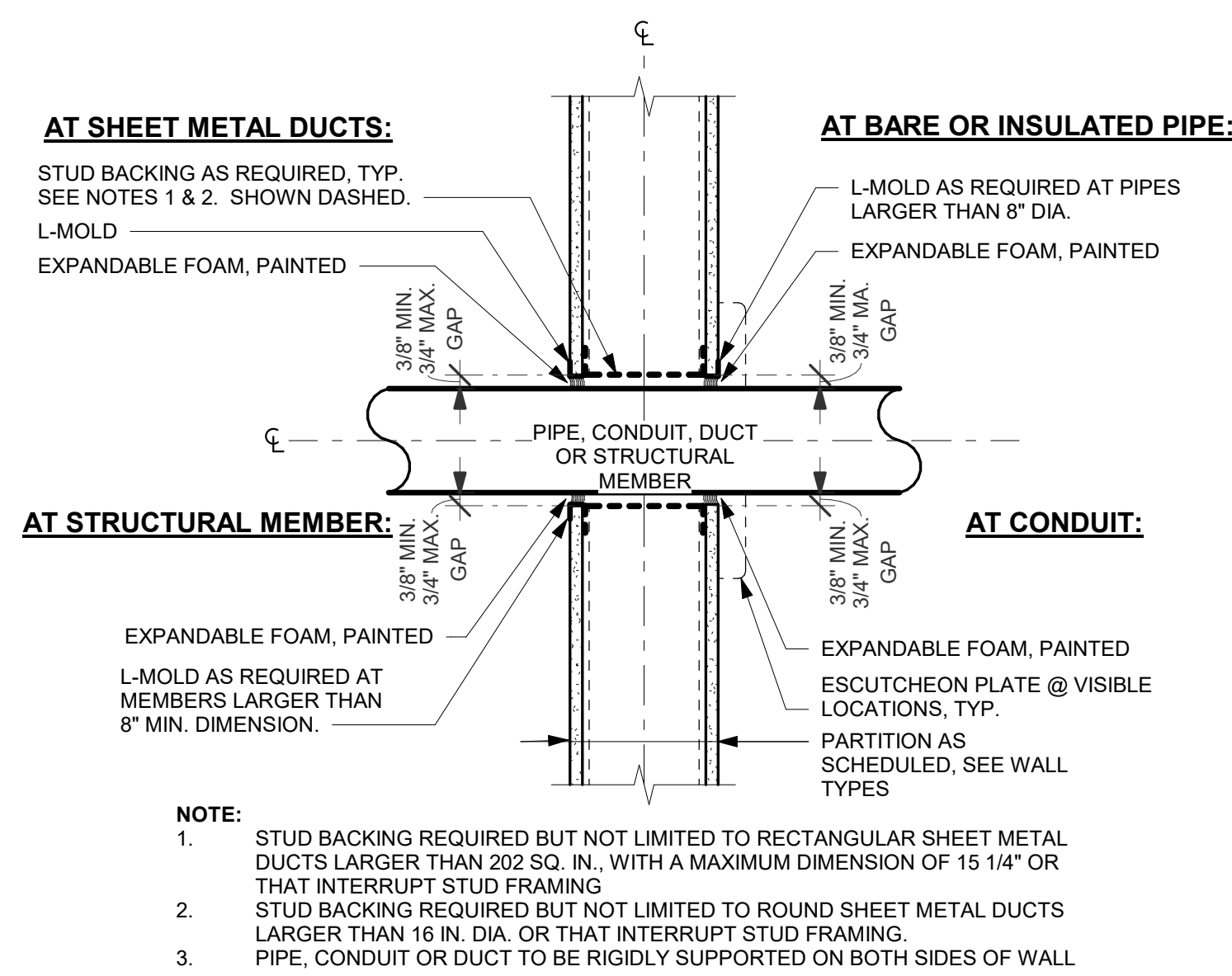
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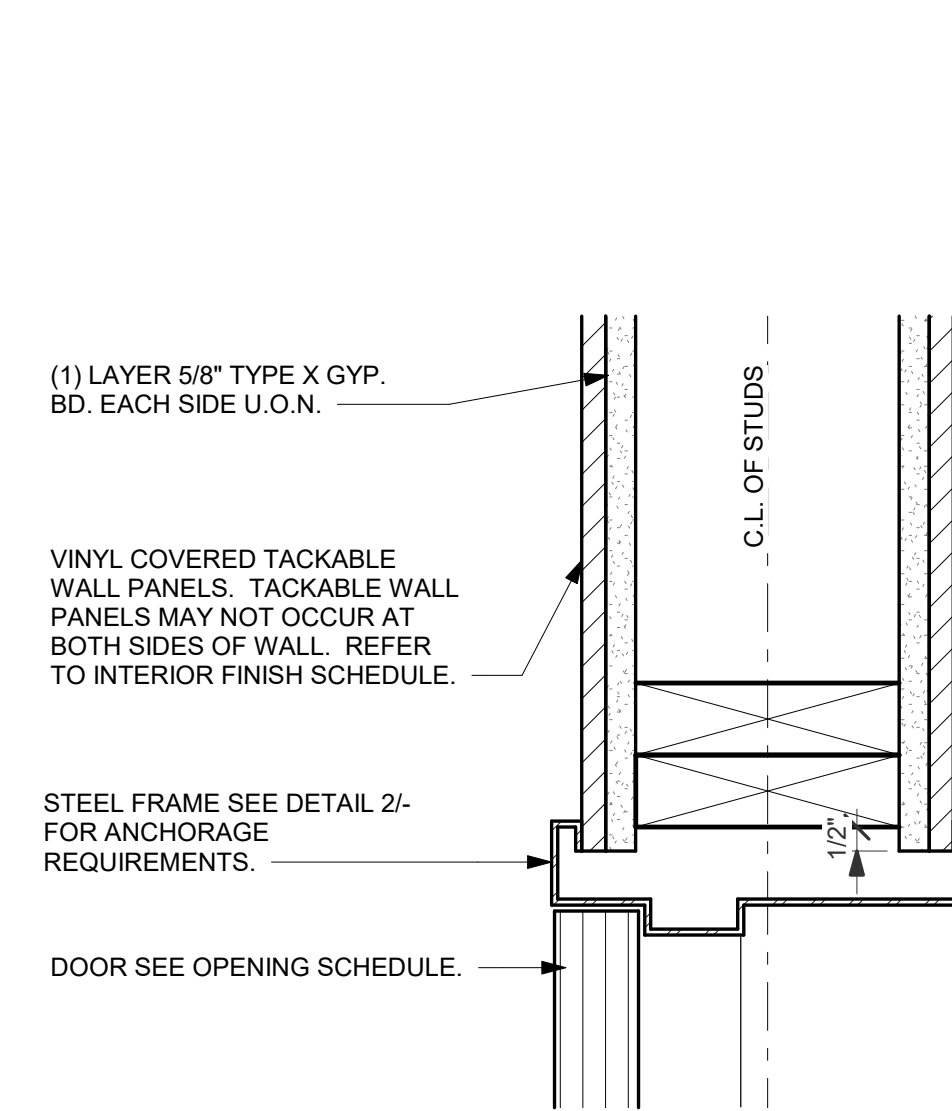


No.	Description	Date
△		

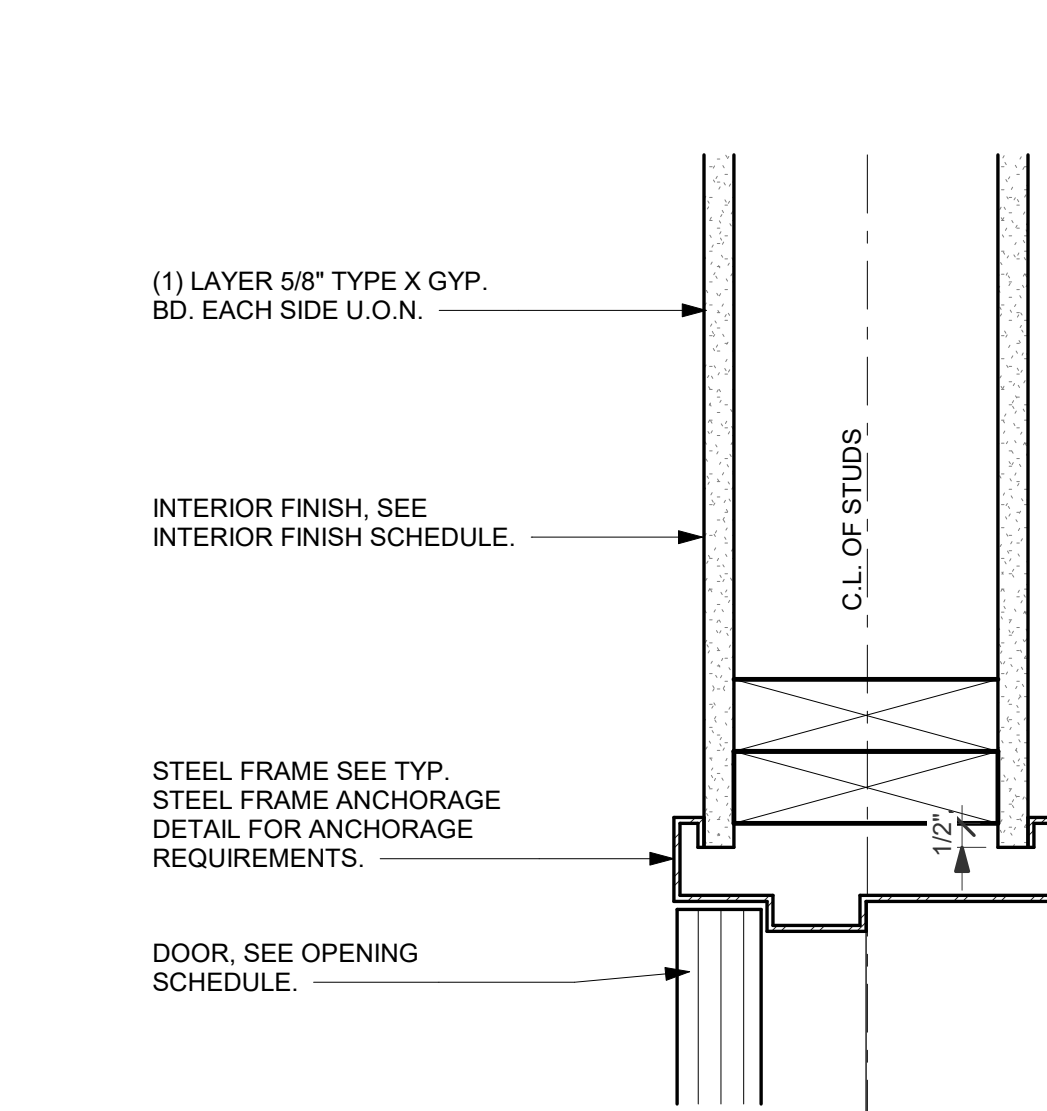
SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019



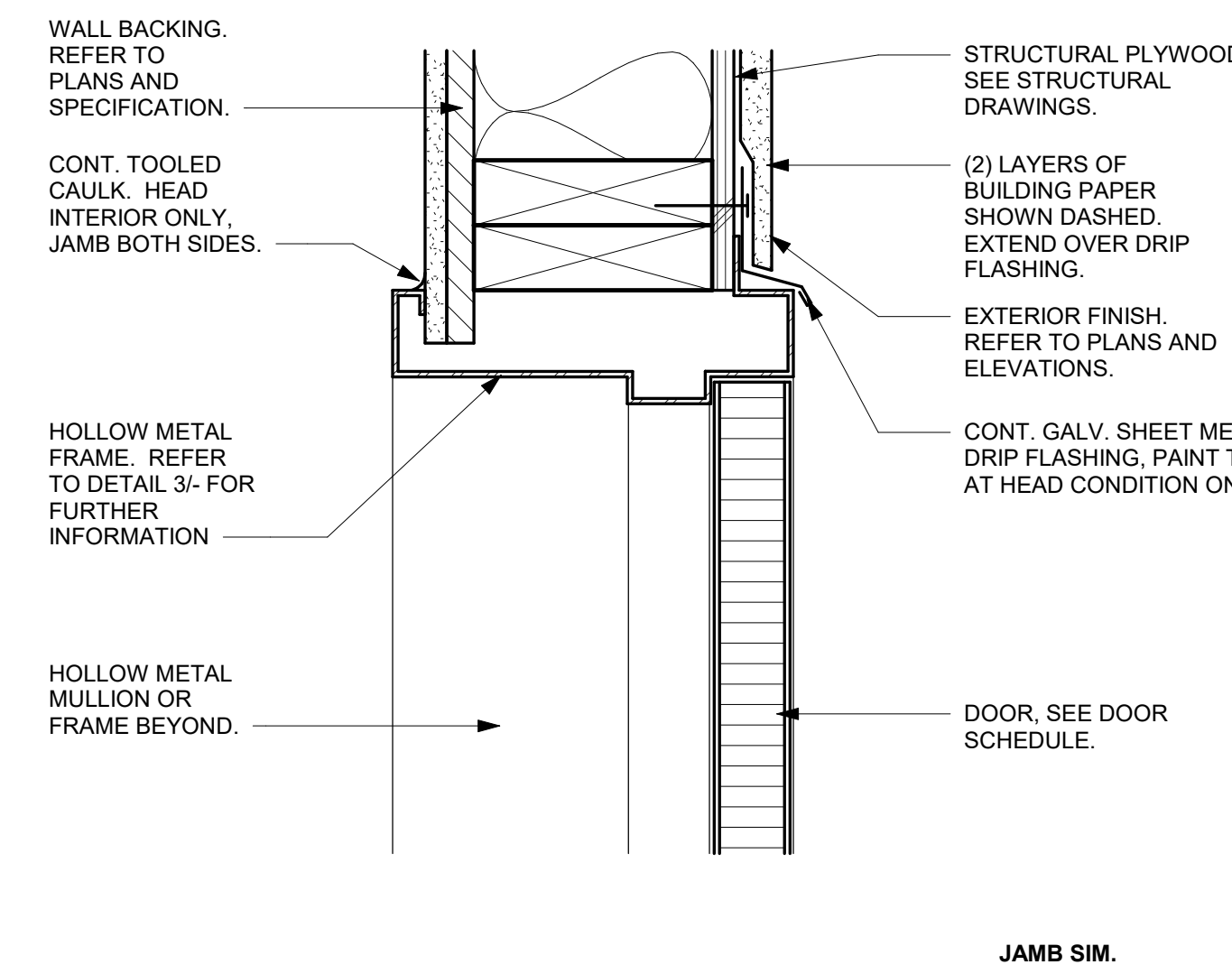
13 TYP. PENETRATION @ NON-RATED WALL
 SCALE: 1 1/2" = 1'-0"



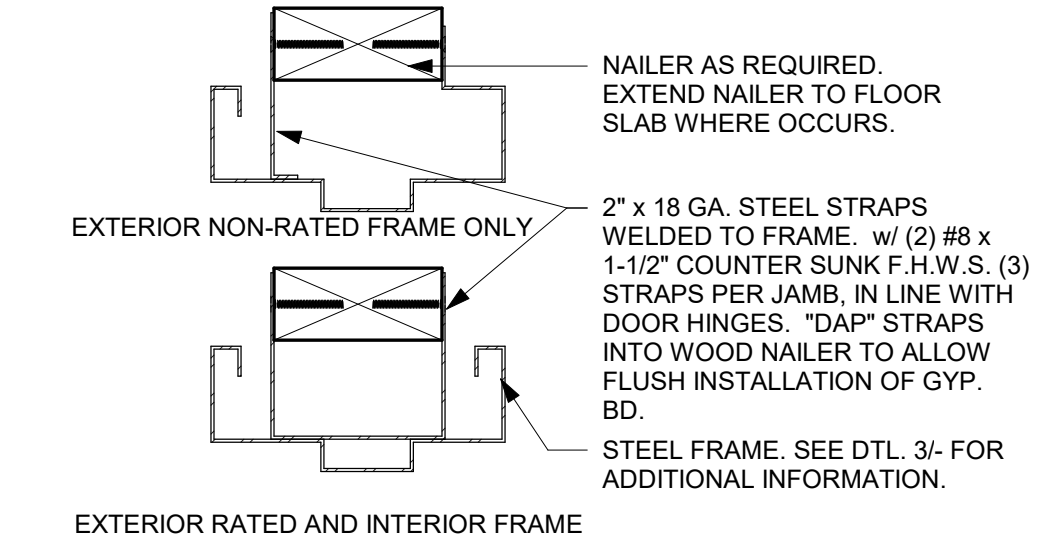
5 INTERIOR STEEL FRAME HEAD AND JAMB
 SCALE: 3" = 1'-0"



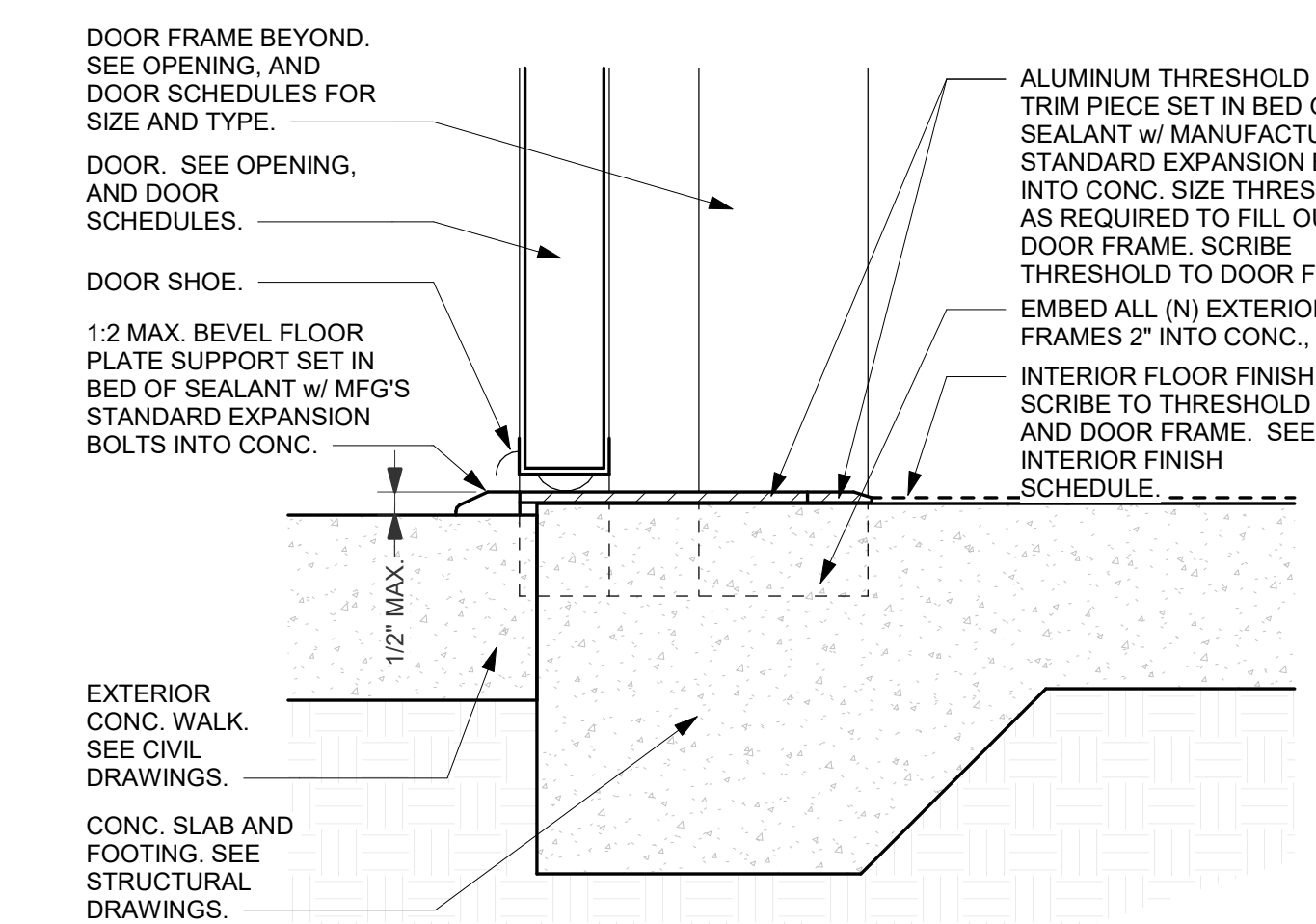
A TYPICAL CONDITION
 SCALE: 3" = 1'-0"



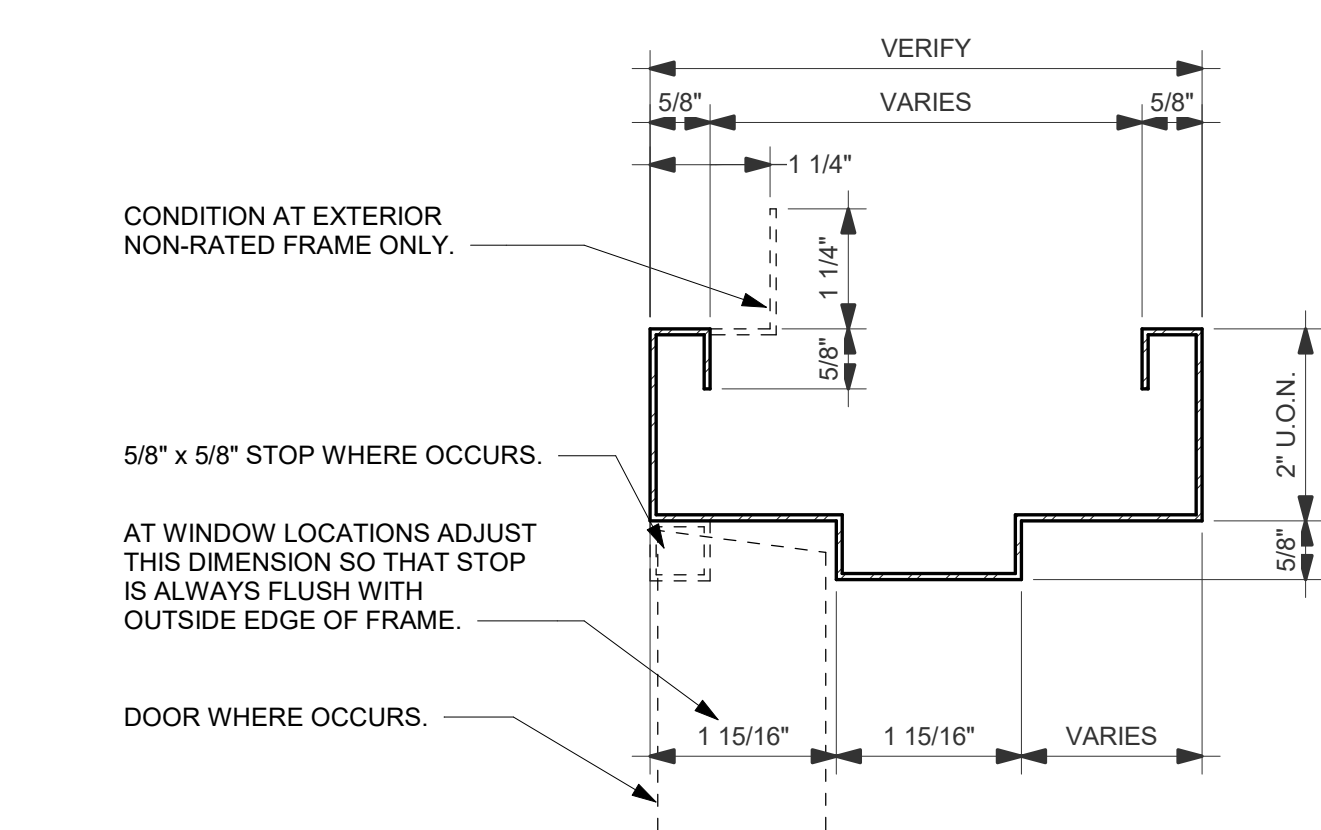
6 NON-RATED EXTERIOR STEEL DOOR FRAME HEAD
 SCALE: 3" = 1'-0"



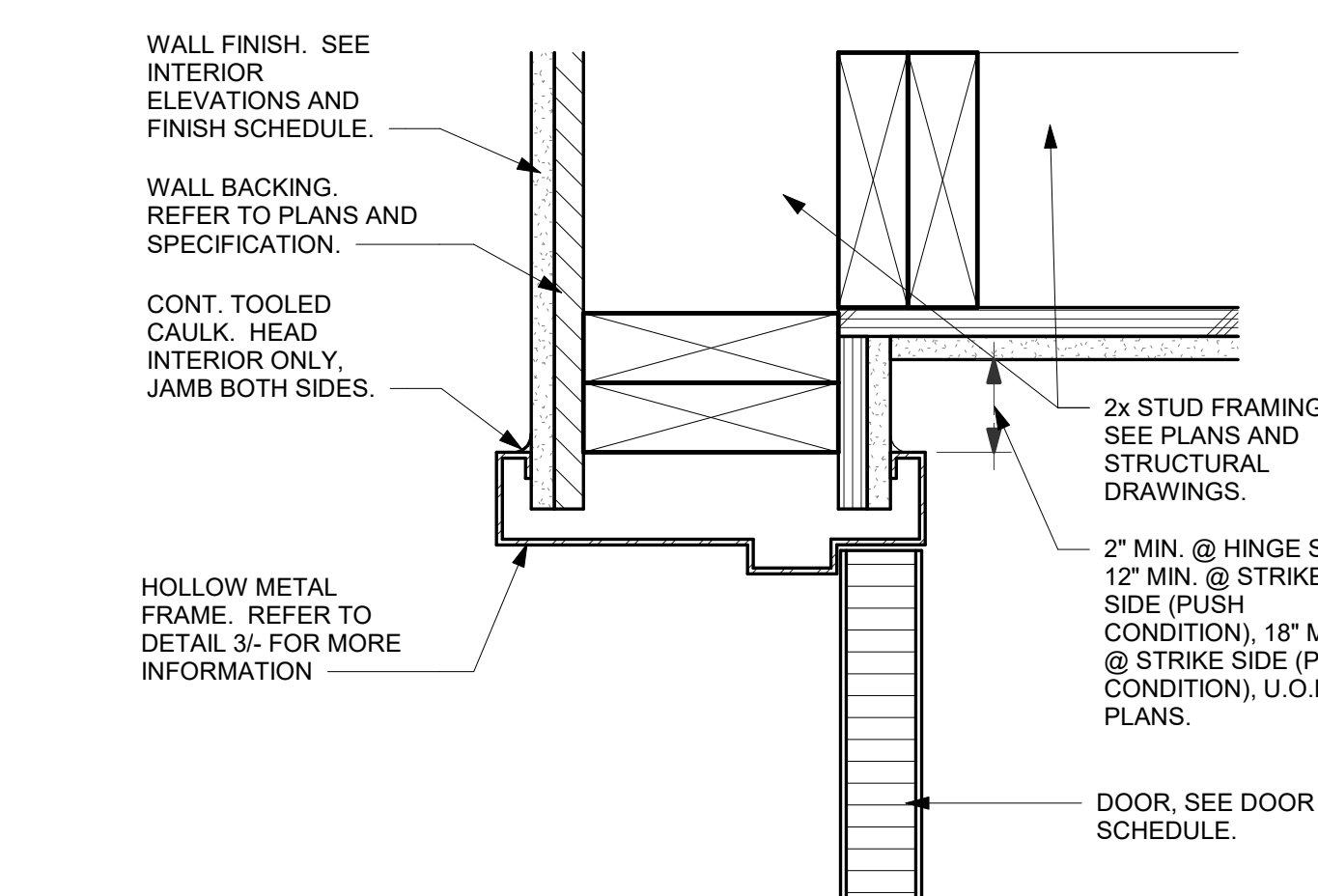
2 TYPICAL STEEL FRAME ANCHORAGE
 SCALE: 6" = 1'-0"



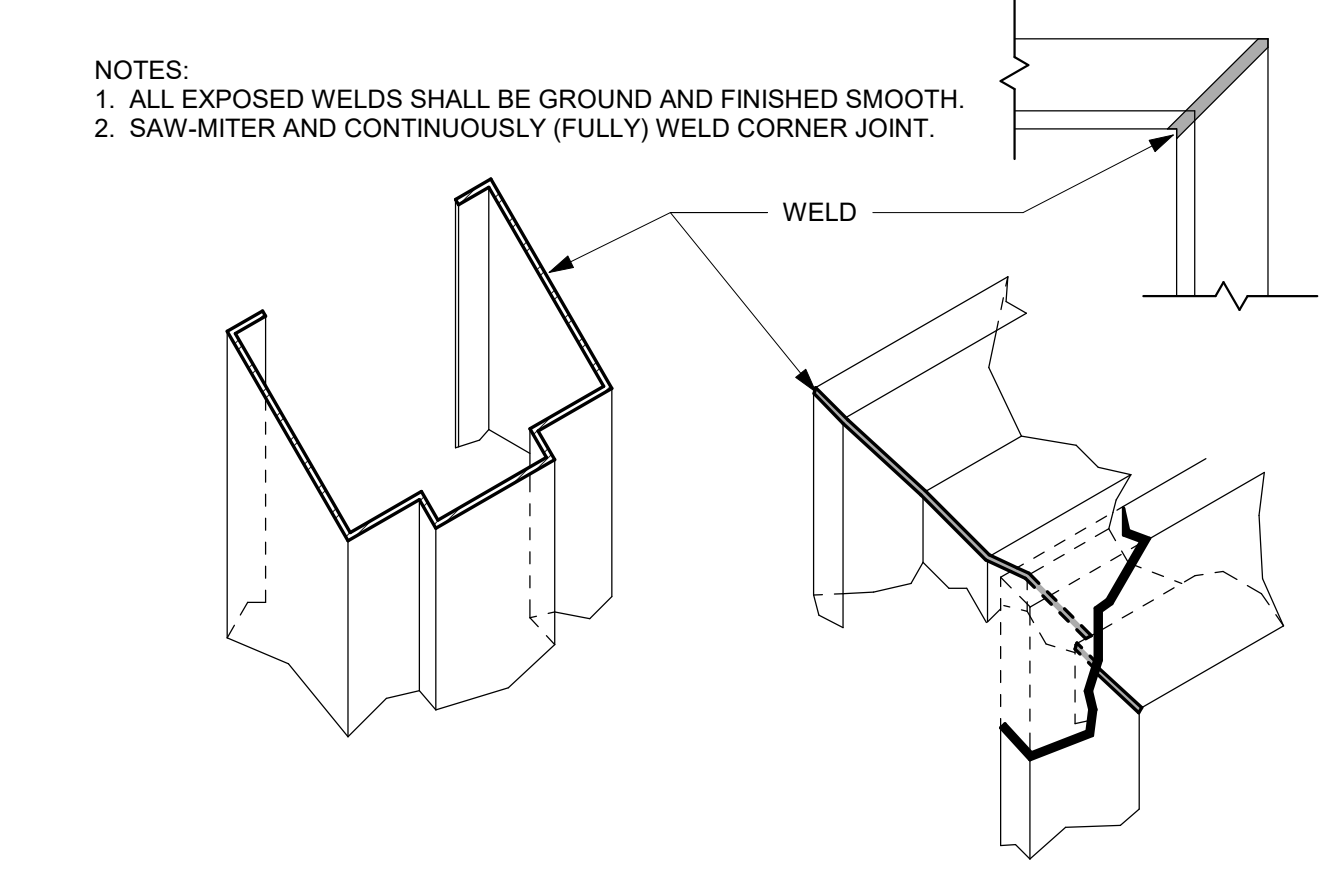
7 TYPICAL DOOR SILL DETAIL
 SCALE: 3" = 1'-0"



3 TYPICAL STEEL FRAME PROFILE
 SCALE: 6" = 1'-0"



8 INTERIOR STEEL DOOR JAMB @ WALL INTERSECTION
 SCALE: 3" = 1'-0"



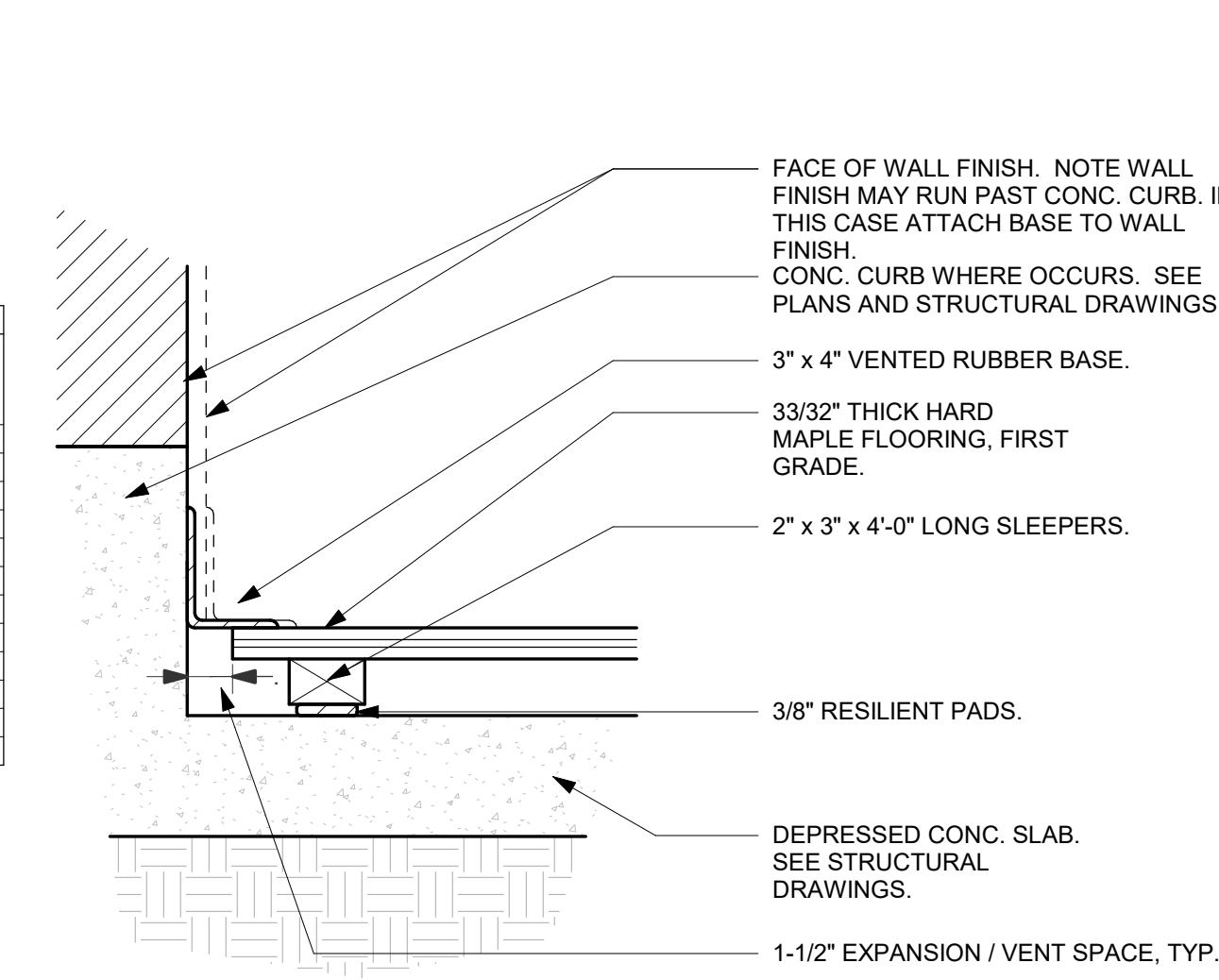
4 TYP. WELDING @ STEEL FRAME CORNER
 SCALE: 1:1

GENERAL FINISH NOTES

- A WHERE MULTIPLE WALL FINISHES ARE CALLED OUT, REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF INDIVIDUAL FINISHES.
- B WHERE MULTIPLE FLOOR FINISHES ARE CALLED OUT, REFER TO FLOOR FINISH PLANS FOR LOCATIONS OF INDIVIDUAL FINISHES.
- C PROVIDE FINISHES TO COMPLY WITH FLAME SPREAD & SMOKE DENSITY REQUIREMENTS OF CBC 803 and 804.

FINISH LEGEND

MARK	DESCRIPTION	MFR. / BRAND	COLOR / FINISH	COMMENTS
ACT-1	2'-0" X 4'-0" ACOUSTICAL CEILING TILES	ARMSTRONG	TBD	
ACT-2	12" X 12" ACOUSTICAL CEILING TILES	ARMSTRONG	TBD	
B-1	4" RUBBER TOP SET BASE	BURKE MERCER	TBD	
B-2	6" RUBBER TOP SET BASE	BURKE MERCER	TBD	
C-1	SEALED CONCRETE		MATTE/FLAT	
FRP	FIBERGLASS REINFORCED PLASTIC PANELS	MARLITE	TBD	
GB-1	GYPSUM BOARD		PAINT	
GRT-1	GROUT	MAPEI	TBD	
LVT	LVT CLICK FLOORING	METROFLOR	TBD	
PL-1	PAINT	SHERWIN WILLIAMS	TBD	MAIN WALL COLOR
PL-2	PAINT	SHERWIN WILLIAMS	TBD	WALL COVER @ BLDG. M
PL-3	PAINT	SHERWIN WILLIAMS	TBD	DOORS & TRIM
PL-4	PAINT	SHERWIN WILLIAMS	TBD	STAGE
PLAM-1	PLASTIC LAMINATE	FORMICA	TBD	COUNTERTOP
PLAM-2	PLASTIC LAMINATE	FORMICA	TBD	BODY
TWP	TACKABLE WALL PANELS (O' GYP. BD.)		TBD	



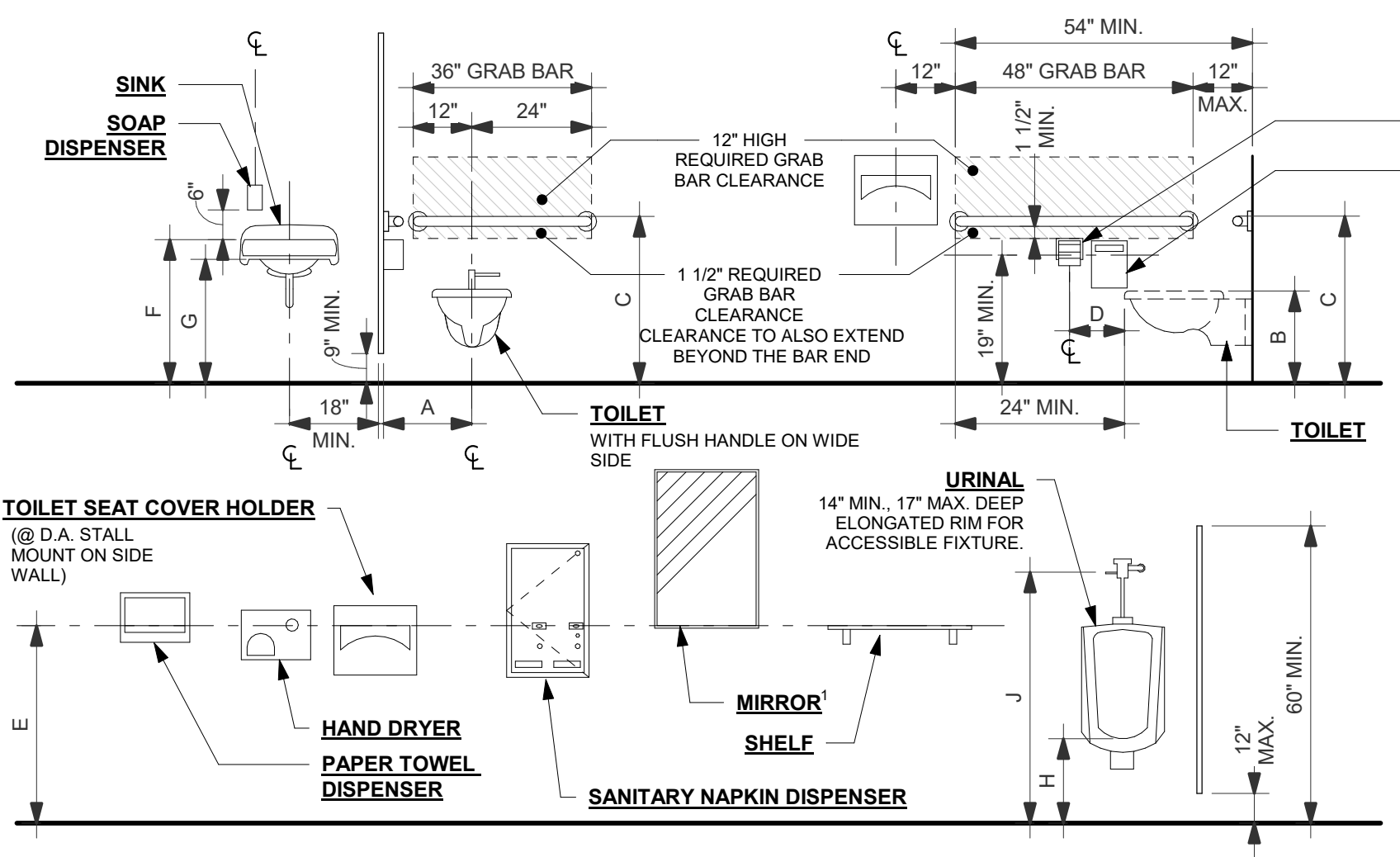
5 WALL BASE @ VENTED HARDWOOD FLOOR
 SCALE: 1 : 6

TOILET PAPER DISPENSER
SANITARY NAPKIN DISPOSAL

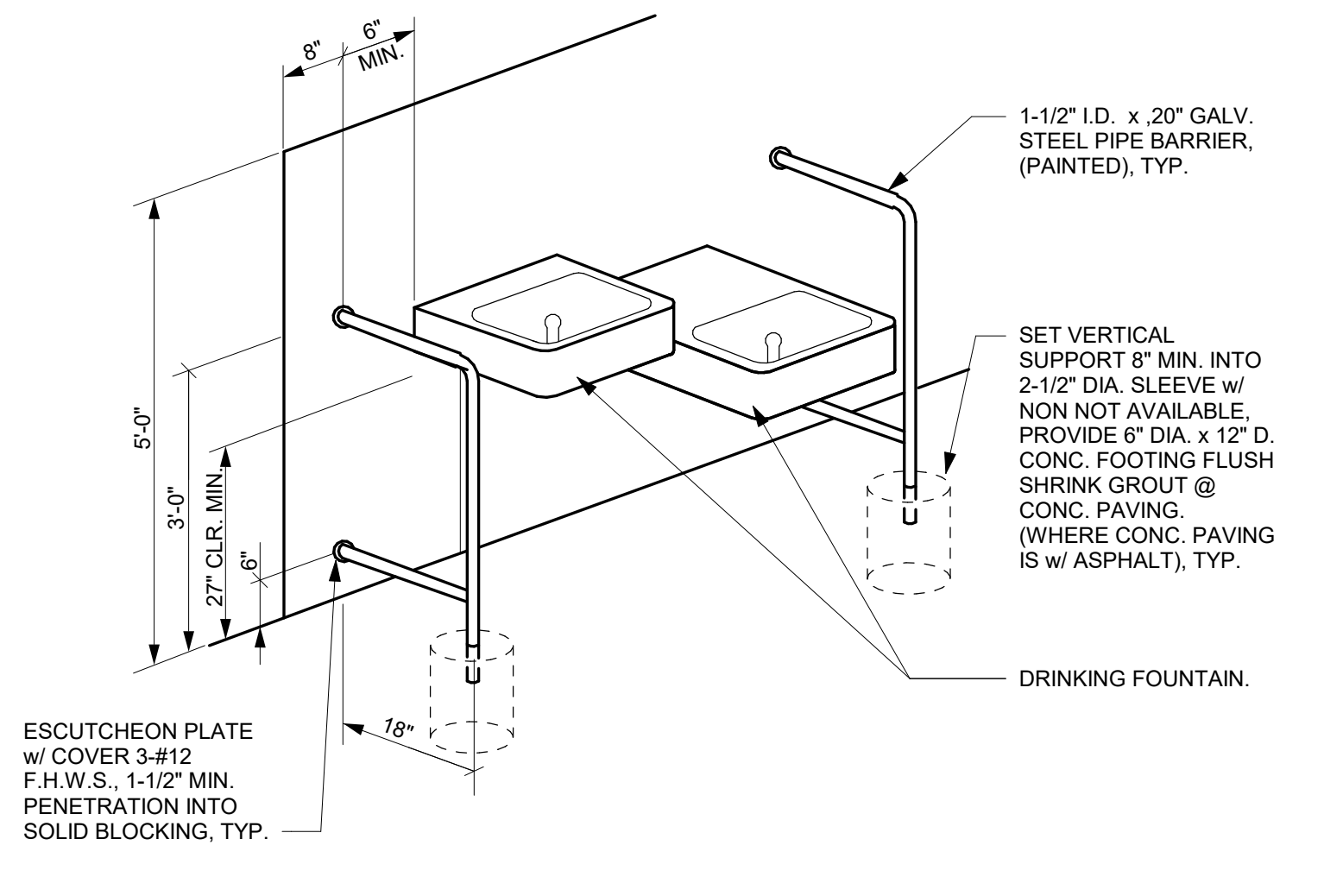
MOUNTING HEIGHTS

DIM.	DESCRIPTION	ADULT ¹ (INCHES)	ELEMENTARY (INCHES)	D.A. ADULT ² (INCHES)	D.A. ELEMENTARY (INCHES)
A	TOILET CENTERING FROM WALL	17-18	15	17-18	15
B	TOILET SEAT HEIGHT	15	15	17-19	15
C	GRAB BAR HEIGHT	-	-	33	27
F	LAVATORY/SINK TOP HEIGHT	7.8	7.9	7.8	7.9
D	NAPKIN DISPOSAL IN FRONT OF TOILET	12 MAX.	12 MAX.	12 MAX.	12 MAX.
E	DISPENSER OR MIRROR HEIGHT	44"	36"	40 MAX.	36 MAX.
F	LAVATORY/SINK TOP HEIGHT	34	29	34 MAX.	29 MAX.
G	LAVATORY/SINK KNEE CLEARANCE	27	24	29 MIN.	24 MIN.
H	URINAL LIP HEIGHT	24	17	17 MAX.	15 MAX.
J	URINAL FLUSH HANDLE HEIGHT	-	-	44 MAX.	37 MAX.
K	DRINKING FOUNTAIN BUBBLER HEIGHT	42	38	38 MAX.	32 MAX.
L	DRINKING FOUNTAIN KNEE CLEARANCE	-	-	27 MIN.	24 MIN.

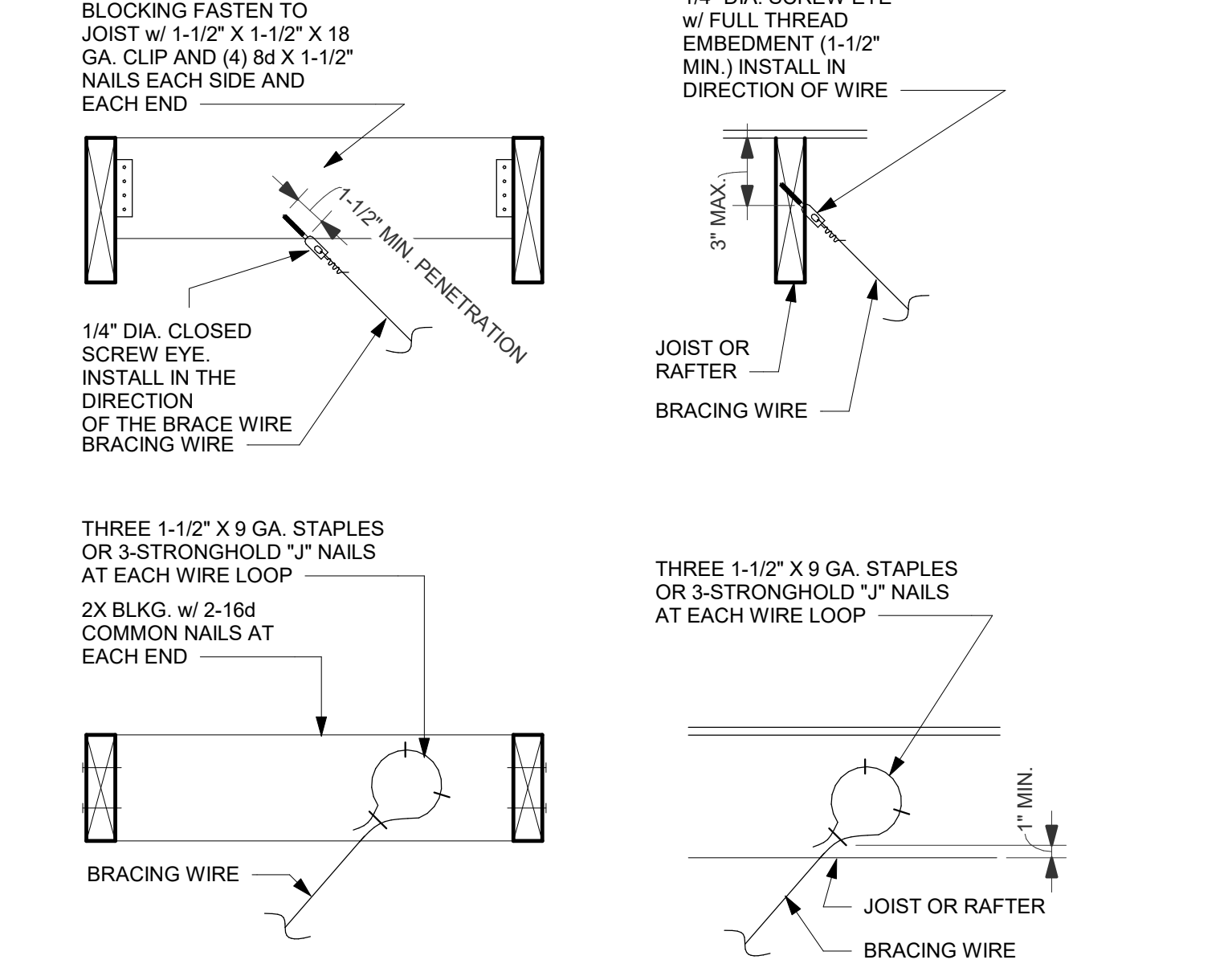
NOTES:
 1. FOR MIRRORS NOT MOUNTED AT A LAVATORY, AT LEAST ONE MIRROR IS TO BE MOUNTED @ 35" MAX., PER CBC SEC. 11B-003.3
 2. ADULT DIMENSIONS ARE FOR THOSE AGED 12 AND OVER.
 3. WATER SUPPLY AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE OBJECTS OR SURFACES UNDER LAVATORIES, TYP.



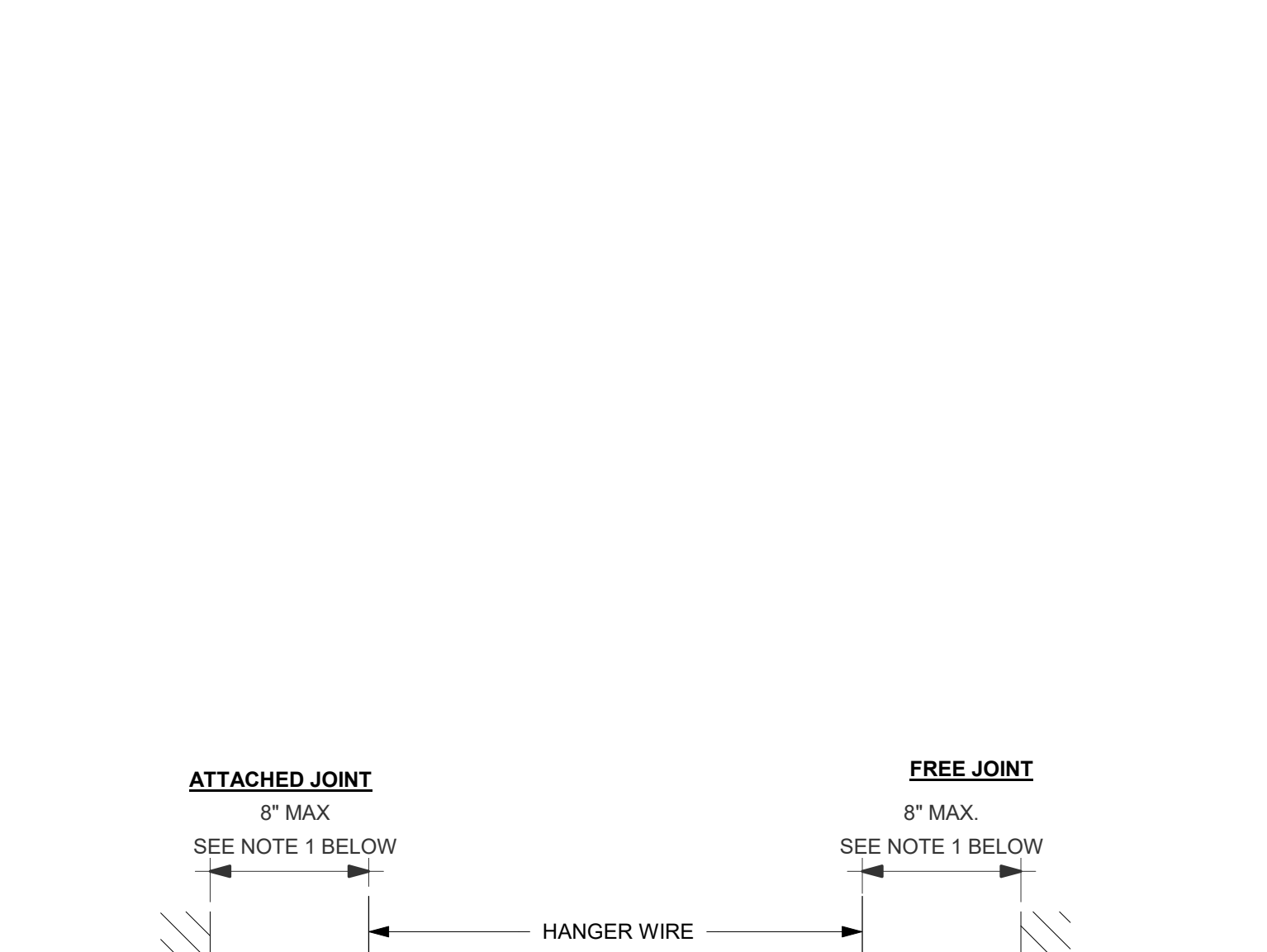
13 TYPICAL FIXTURE MOUNTING HEIGHTS
 SCALE: 1/4" = 1'-0"



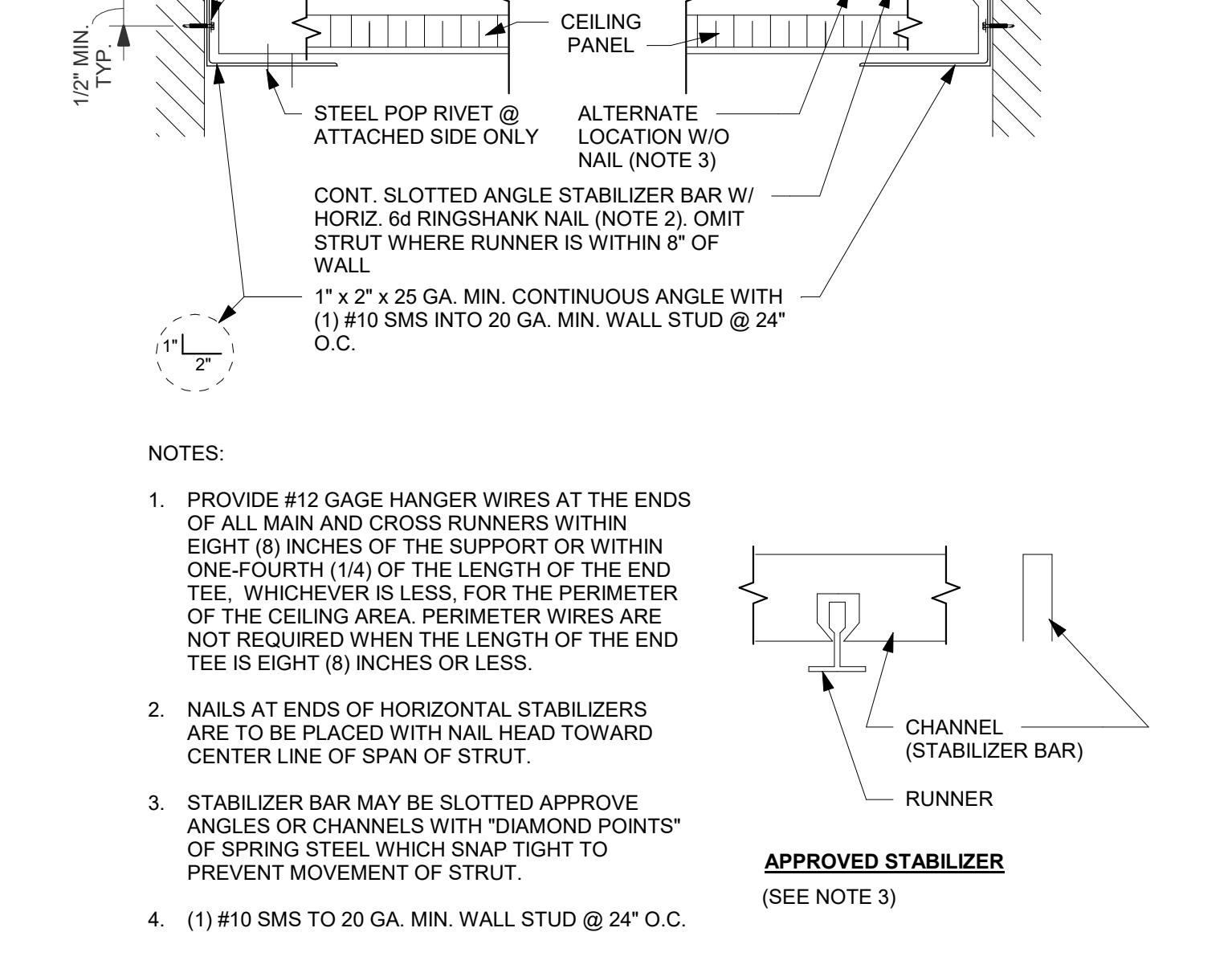
17 STEEL PIPE BARRIER
 SCALE: 1 : 1



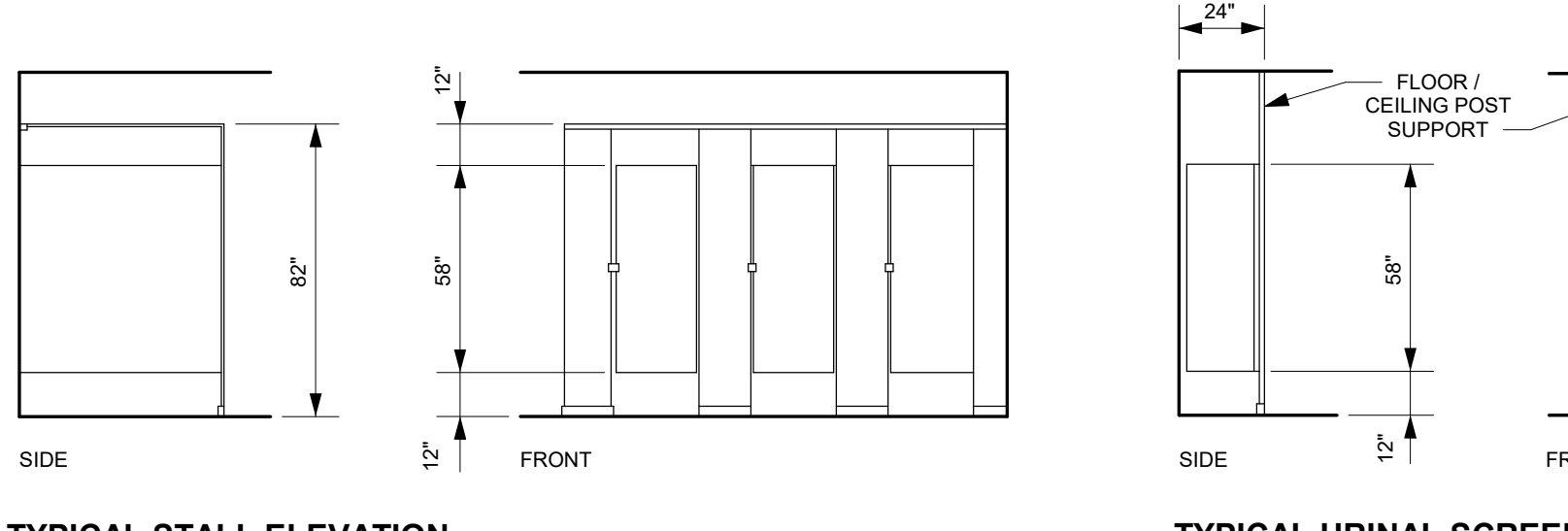
18 BRACING WIRE CONNECTION TO SAWN TIMBER
 SCALE: 1 1/2" = 1'-0"



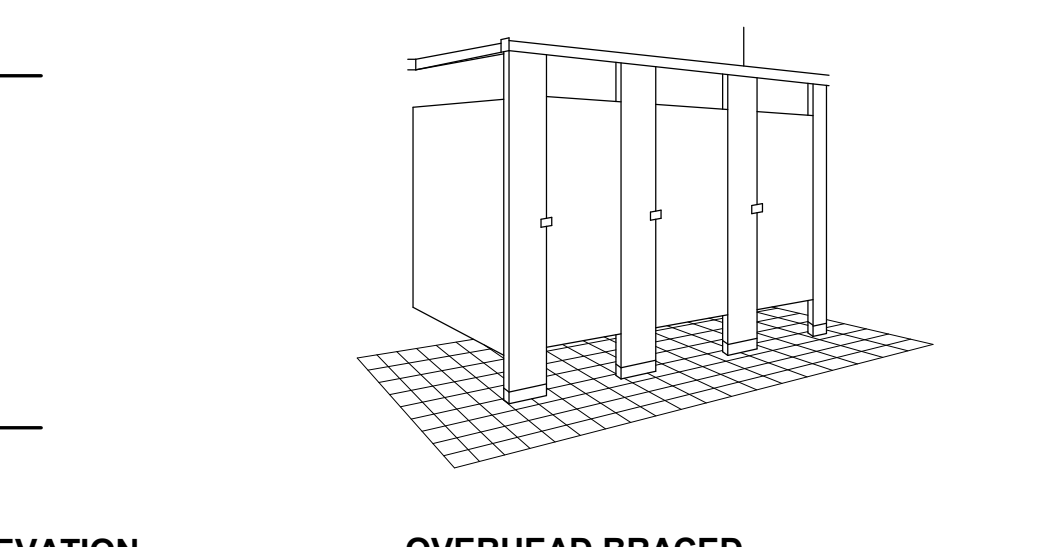
20 CEILING PERIMETER DETAIL
 SCALE: 1 1/2" = 1'-0"



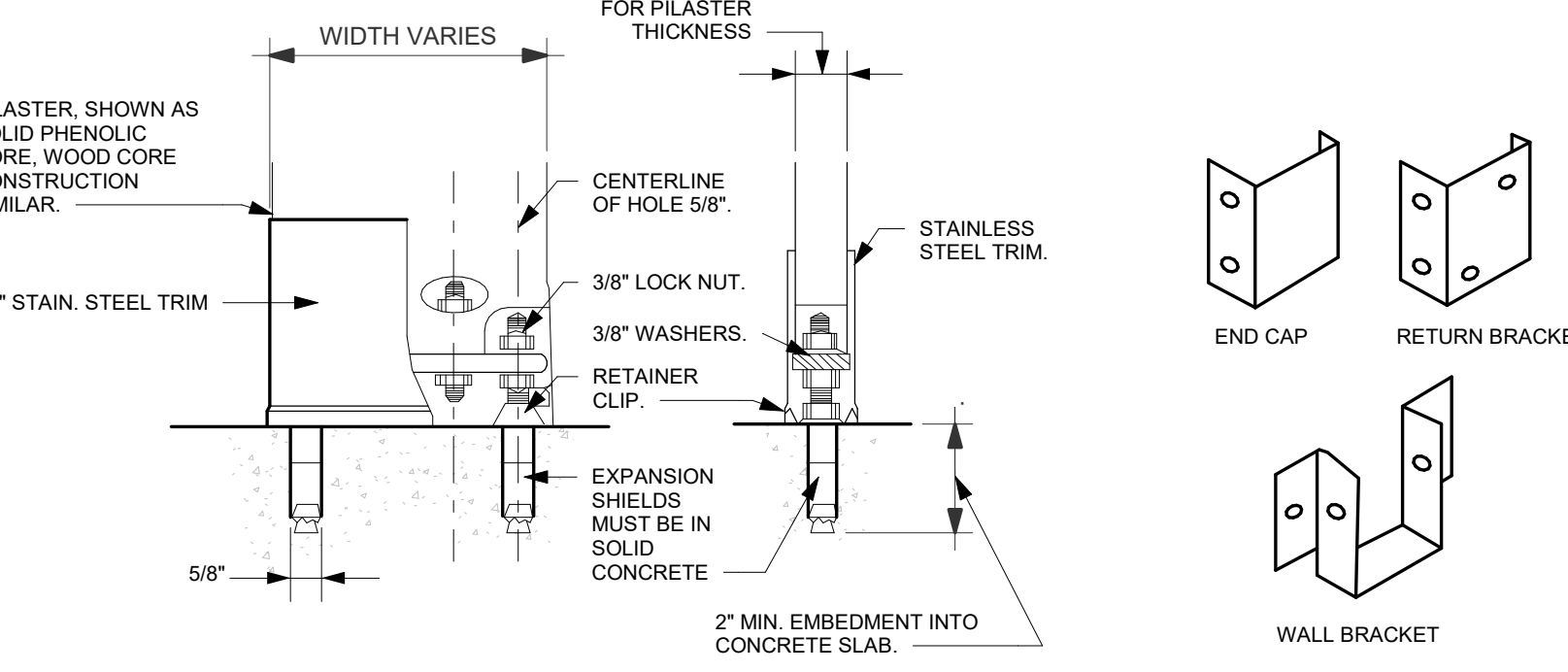
16 TYPICAL TOILET CONCRETE CURB AND DEPRESSED FLOOR (2x STUDS)
 SCALE: 1 1/2" = 1'-0"



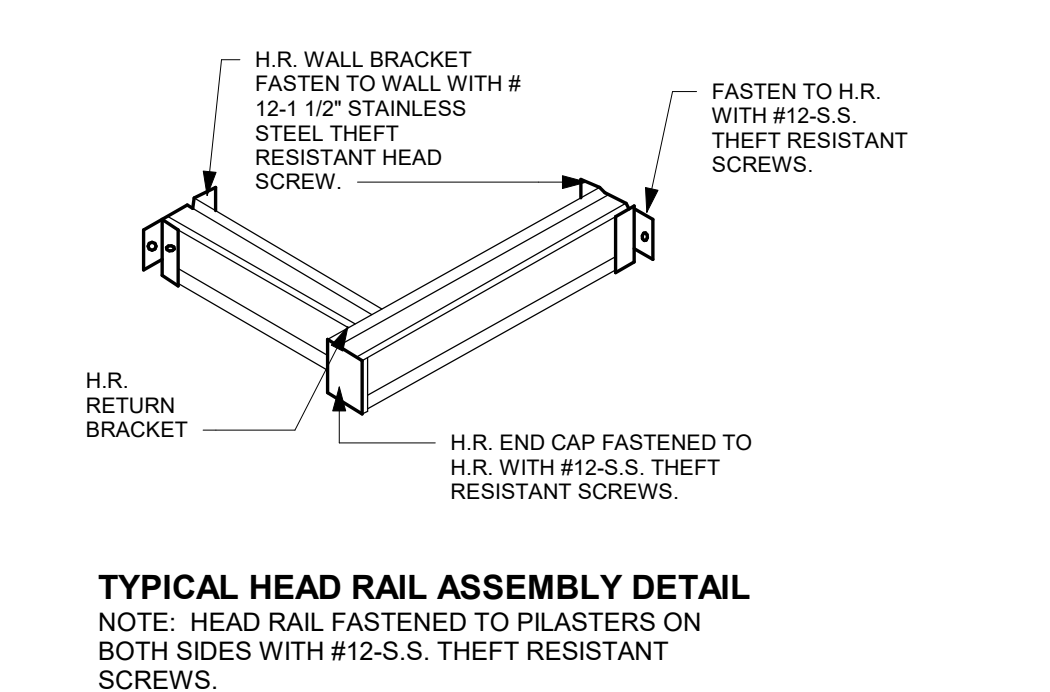
TYPICAL STALL ELEVATION



TYPICAL URINAL SCREEN ELEVATION

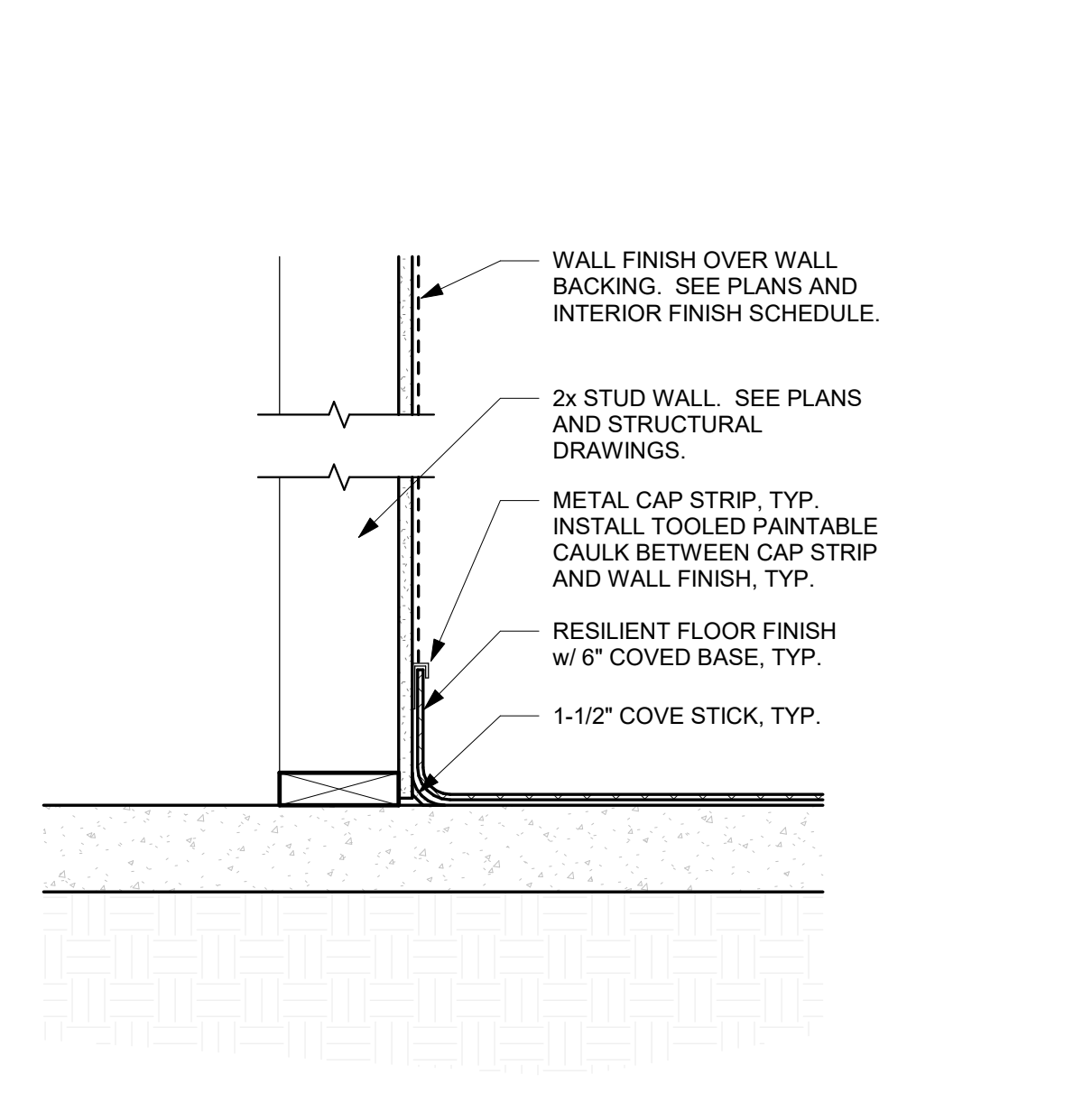


TYPICAL HORIZONTAL SECTION
 NOTE: SEE SPECS FOR DOOR PULL REQUIREMENTS.



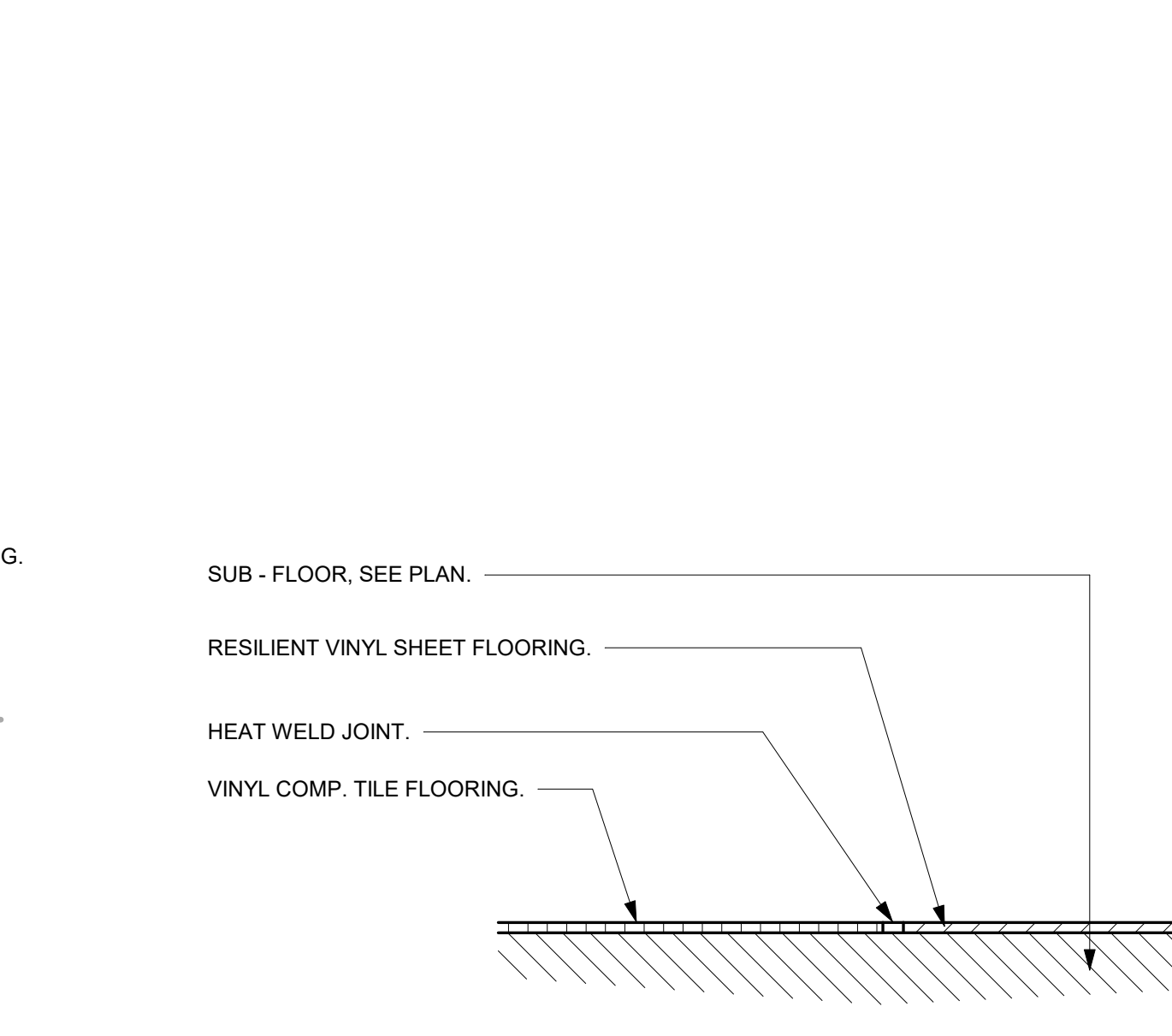
TYPICAL HEAD RAIL ASSEMBLY DETAIL
 NOTE: HEAD RAIL FASTENED TO PILASTERS ON BOTH SIDES WITH #12-S.S. THEFT RESISTANT SCREWS.

6 TYPICAL INTERIOR WALL BASE (2x STUDS)
 SCALE: 3" = 1'-0"



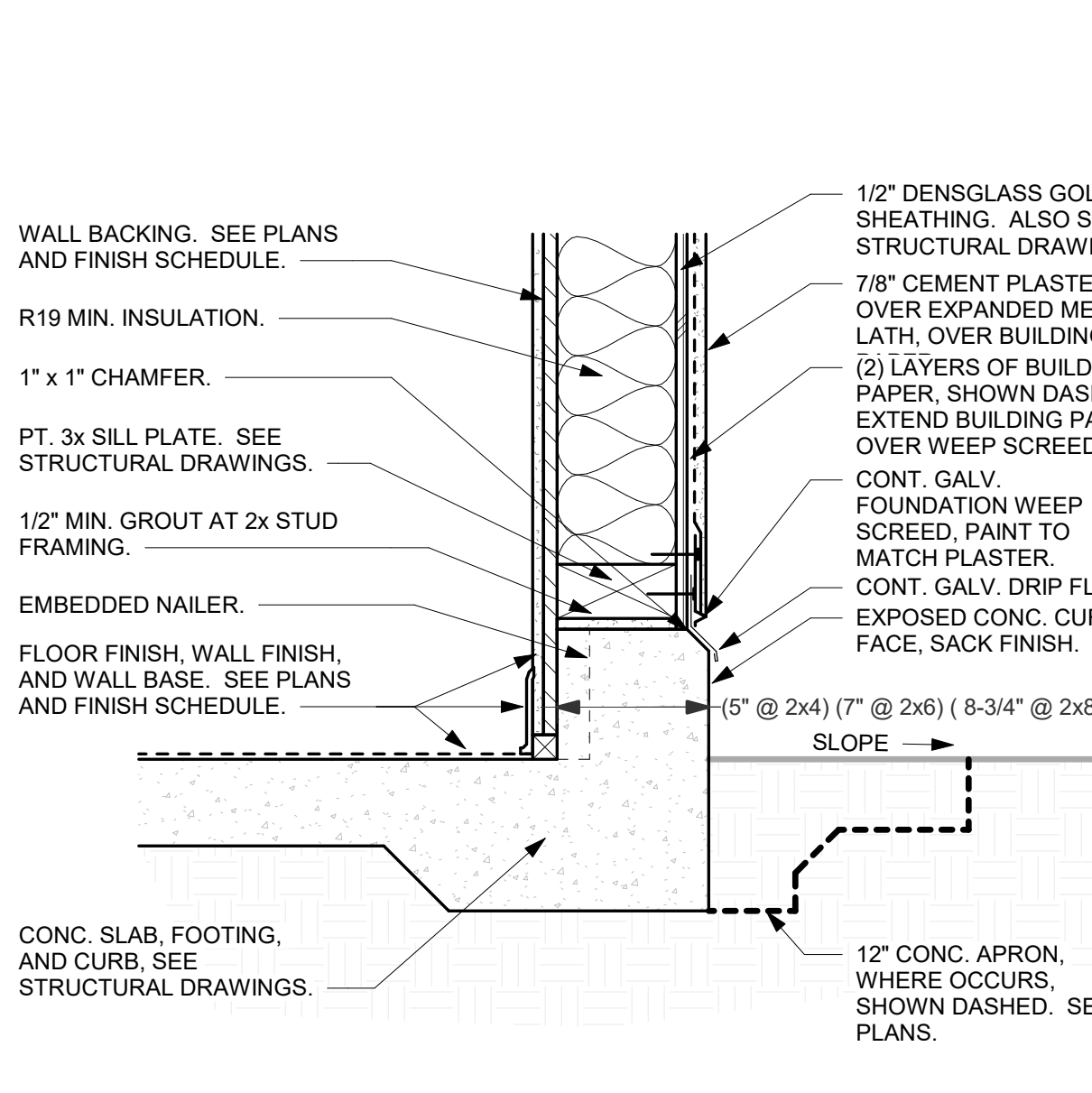
7 COVED BASE DETAIL
 SCALE: 1 1/2" = 1'-0"

3 VCT TO CARPET TRANSITION
 SCALE: 6" = 1'-0"



4 VCT TO RESILIENT FLOORING TRANSITION
 SCALE: 6" = 1'-0"

8 EXTERIOR CONC. CURB DETAIL
 SCALE: 1 1/2" = 1'-0"



20 CEILING PERIMETER DETAIL
 SCALE: 1 1/2" = 1'-0"



SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

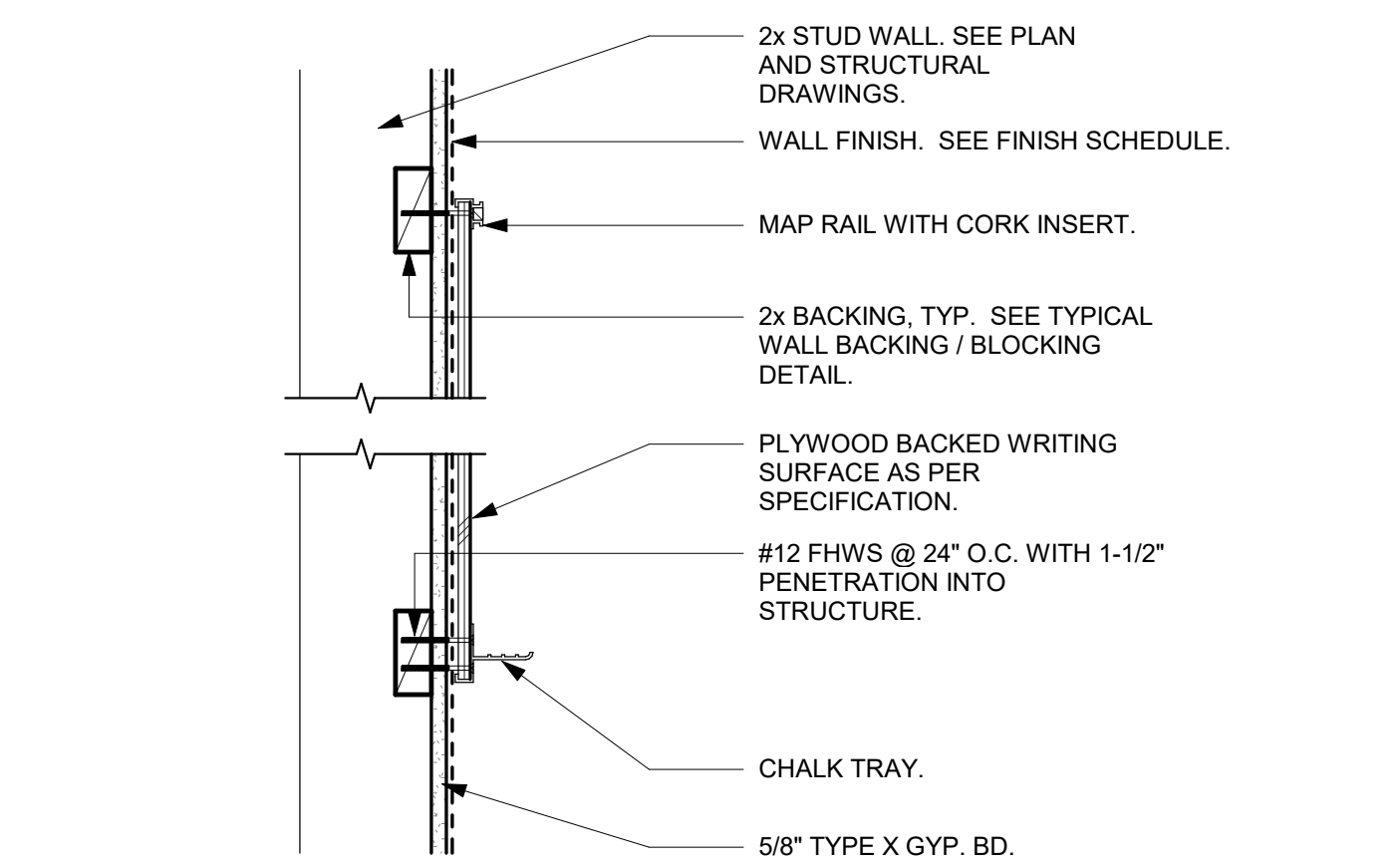
CASEWORK SCHEDULE NOTES

1 HEIGHT IS TO TOP OF COUNTERTOP.

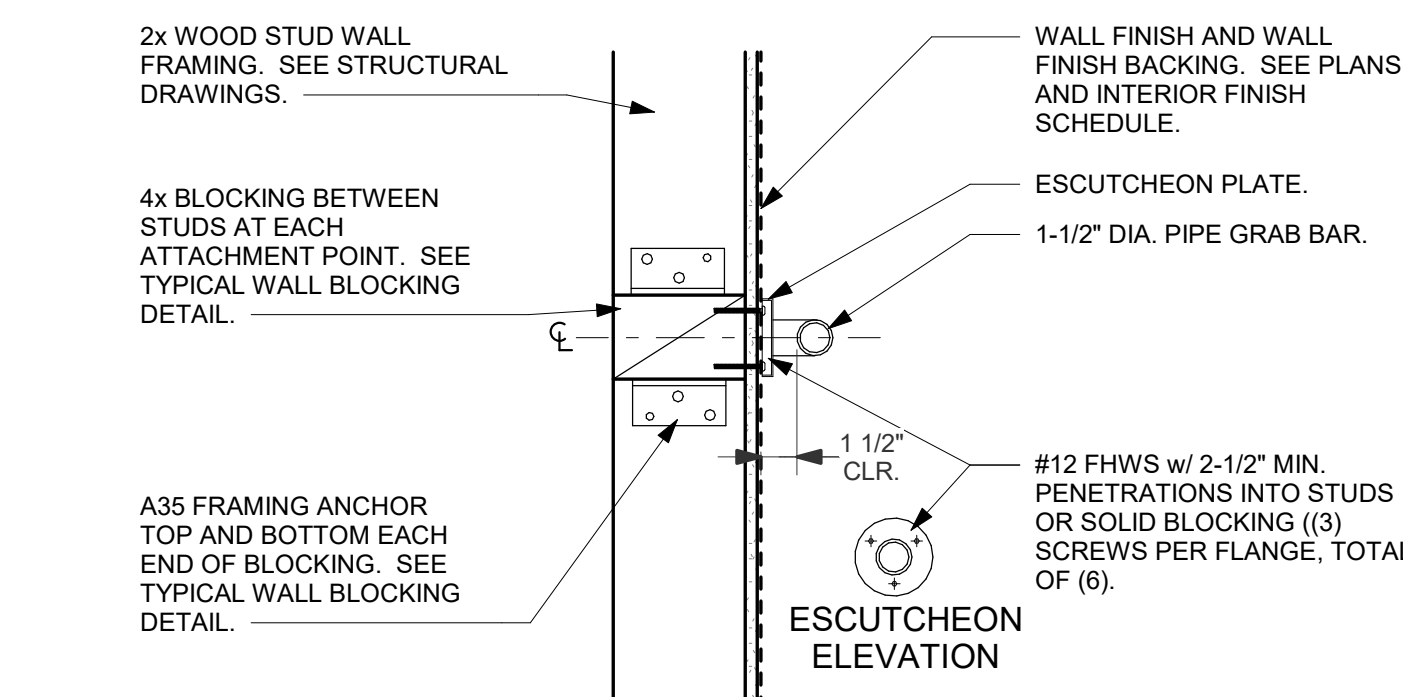
CASEWORK SCHEDULE					
CABINET	WOODWORK INSTITUTE CASEWORK DESIGN SERIES #	WIDTH	HEIGHT	DEPTH	COMMENTS
C-1	110	2' - 2"	3' - 6"	1' - 1"	
C-1A	110 (1 CUBBY TALL)	2' - 2"	2' - 0"	1' - 1"	
C-2A	312	3' - 0"	2' - 6"	1' - 1"	
C-2B	312	2' - 6"	2' - 6"	1' - 1"	
C-3	402	3' - 0"	7' - 0"	2' - 0"	

CASEWORK GENERAL NOTES

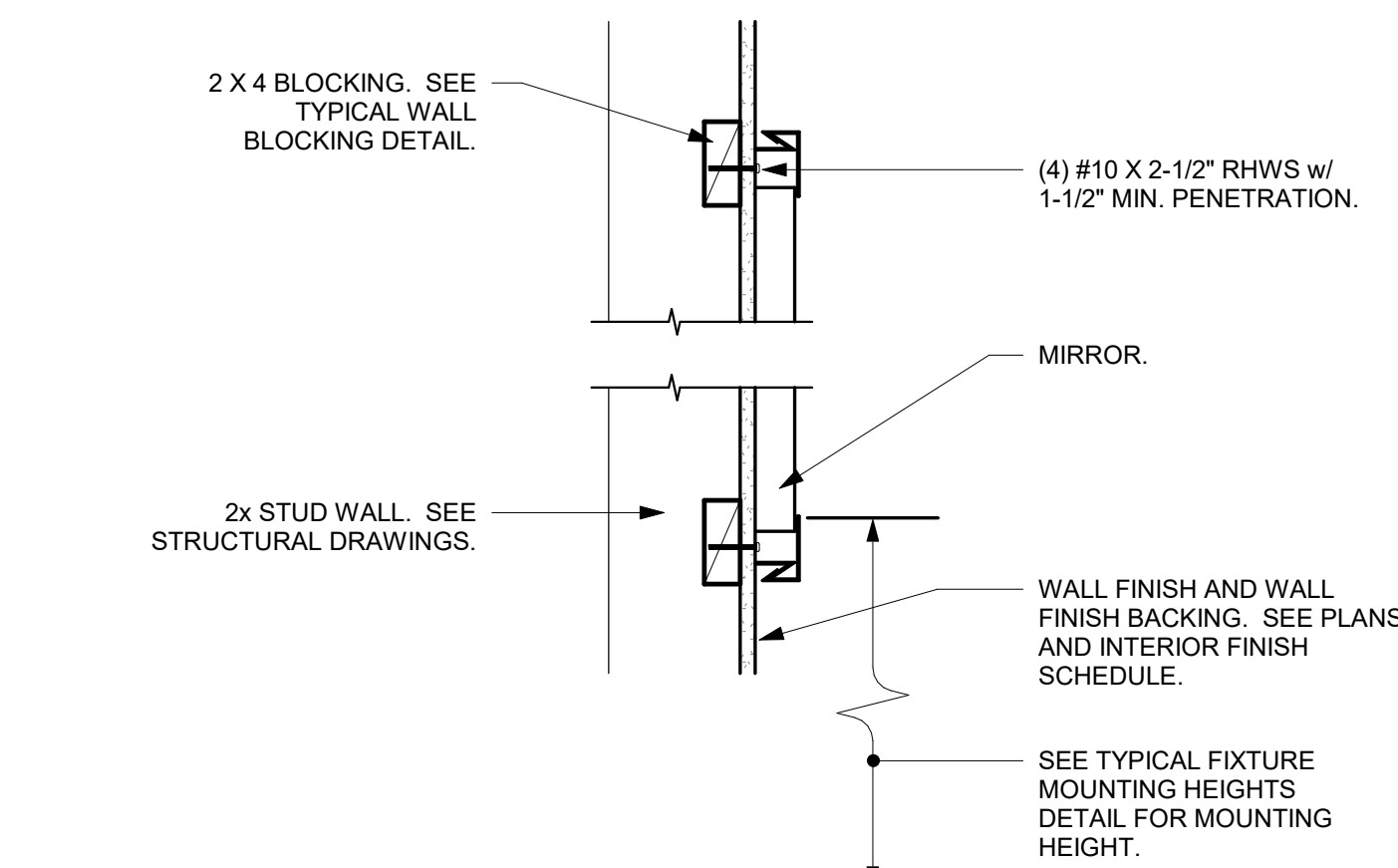
- LOCKABLE CABINETS ARE INDICATED ON ELEVATIONS BY SYMBOL "L".
- REFER TO INTERIOR ELEVATIONS FOR QUANTITIES, LOCATIONS, ALTERATIONS, AND FINISHES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS PRIOR TO FABRICATION.
- REFER TO DETAIL 8- FOR TYPICAL CABINET ANCHORAGE REQUIREMENTS.



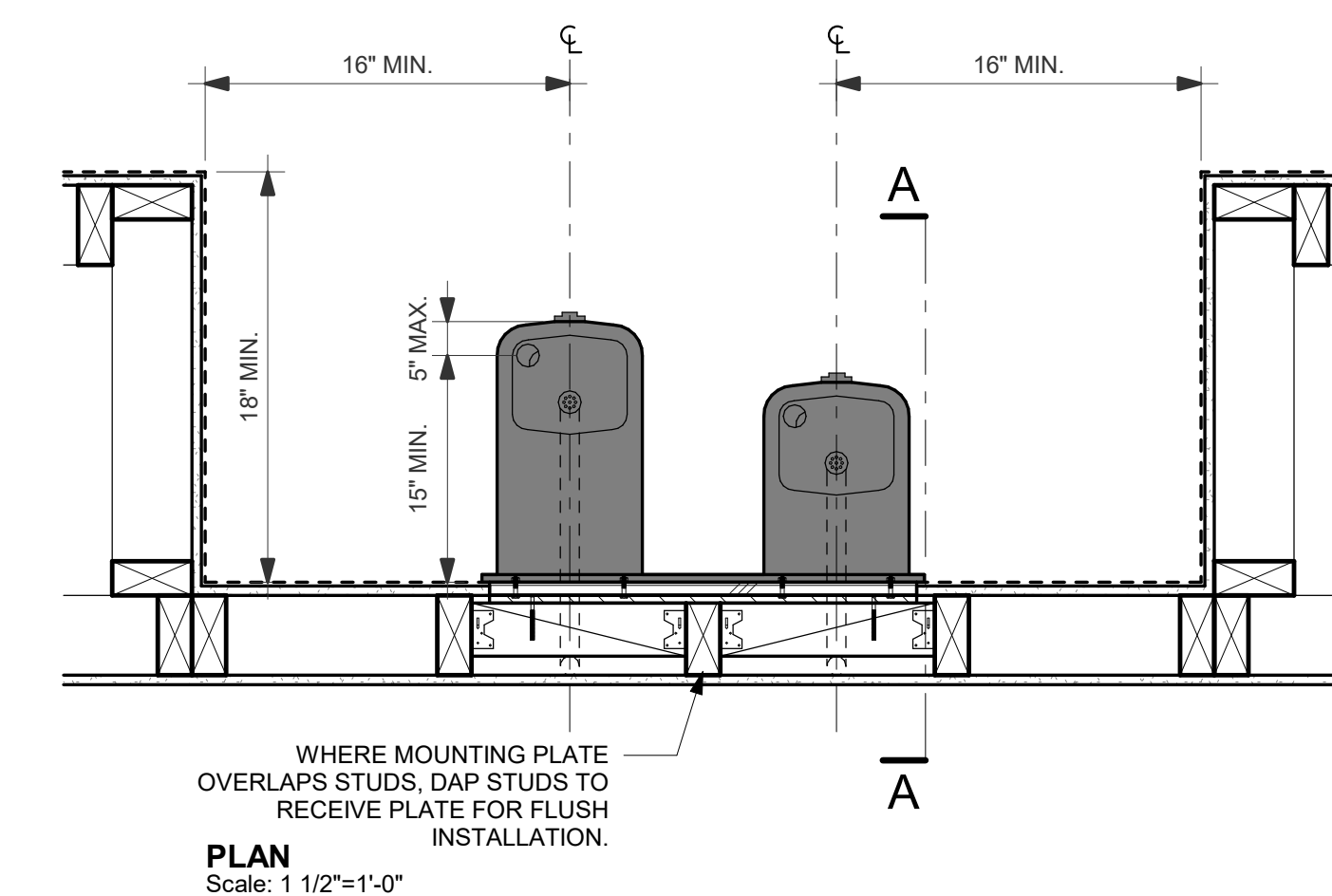
16 MARKER BD. / CHALK BD. ANCHORAGE (2x STUDS)
 SCALE: 1 1/2" = 1'-0"



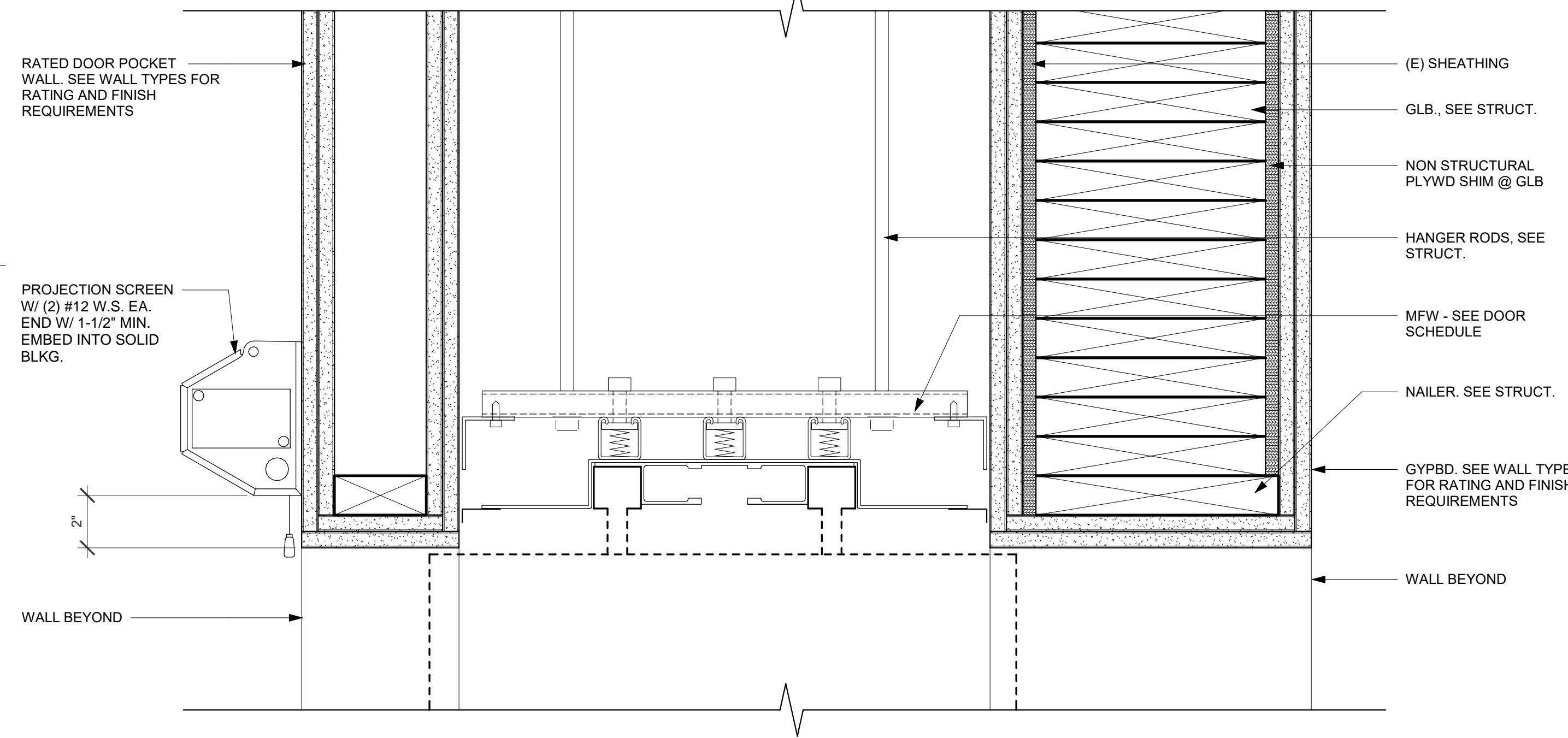
17 GRAB BAR ANCHORAGE (2X STUDS)
 SCALE: 1 1/2" = 1'-0"



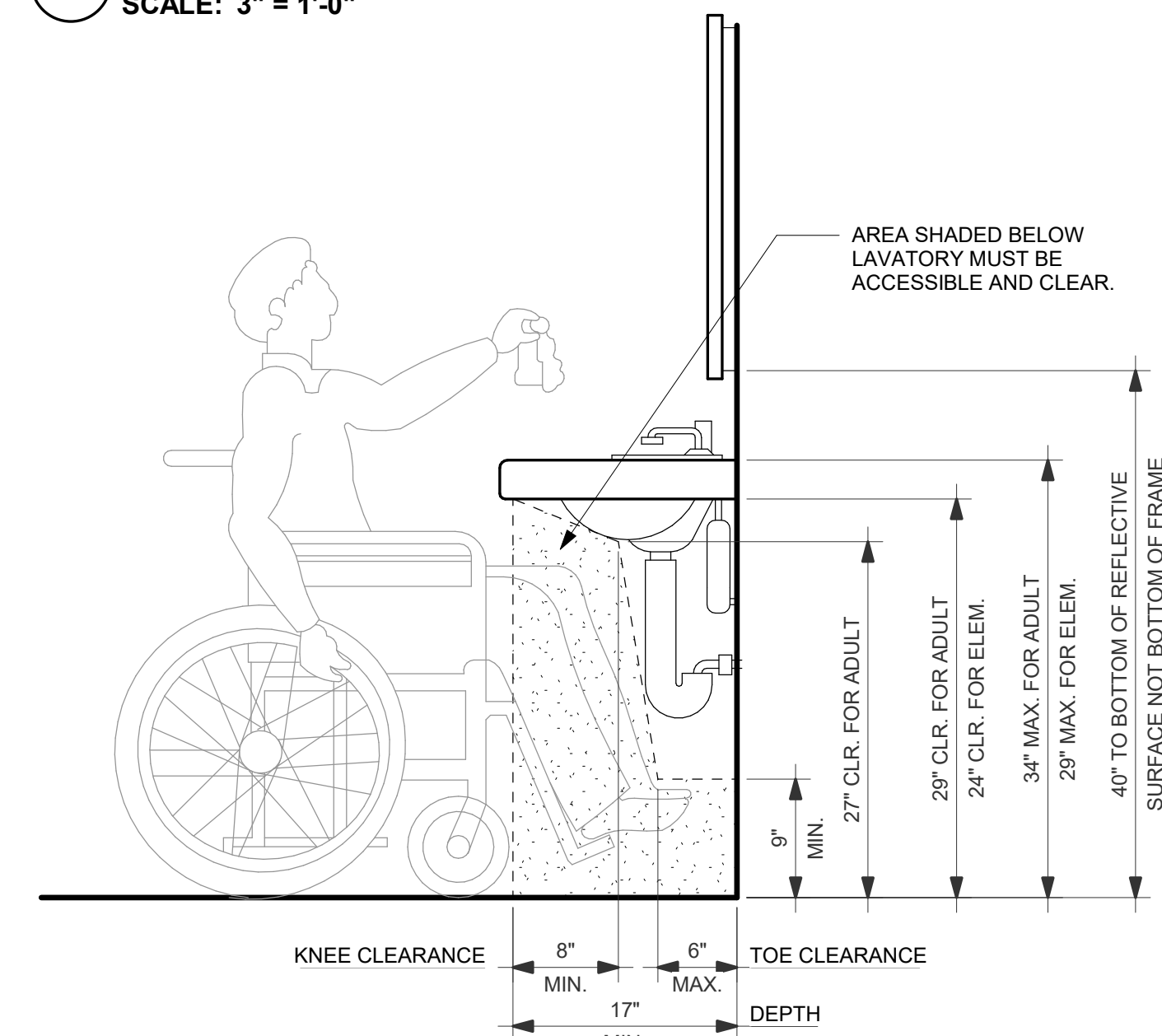
19 MIRROR MOUNTING (2x STUDS)
 SCALE: 1 1/2" = 1'-0"



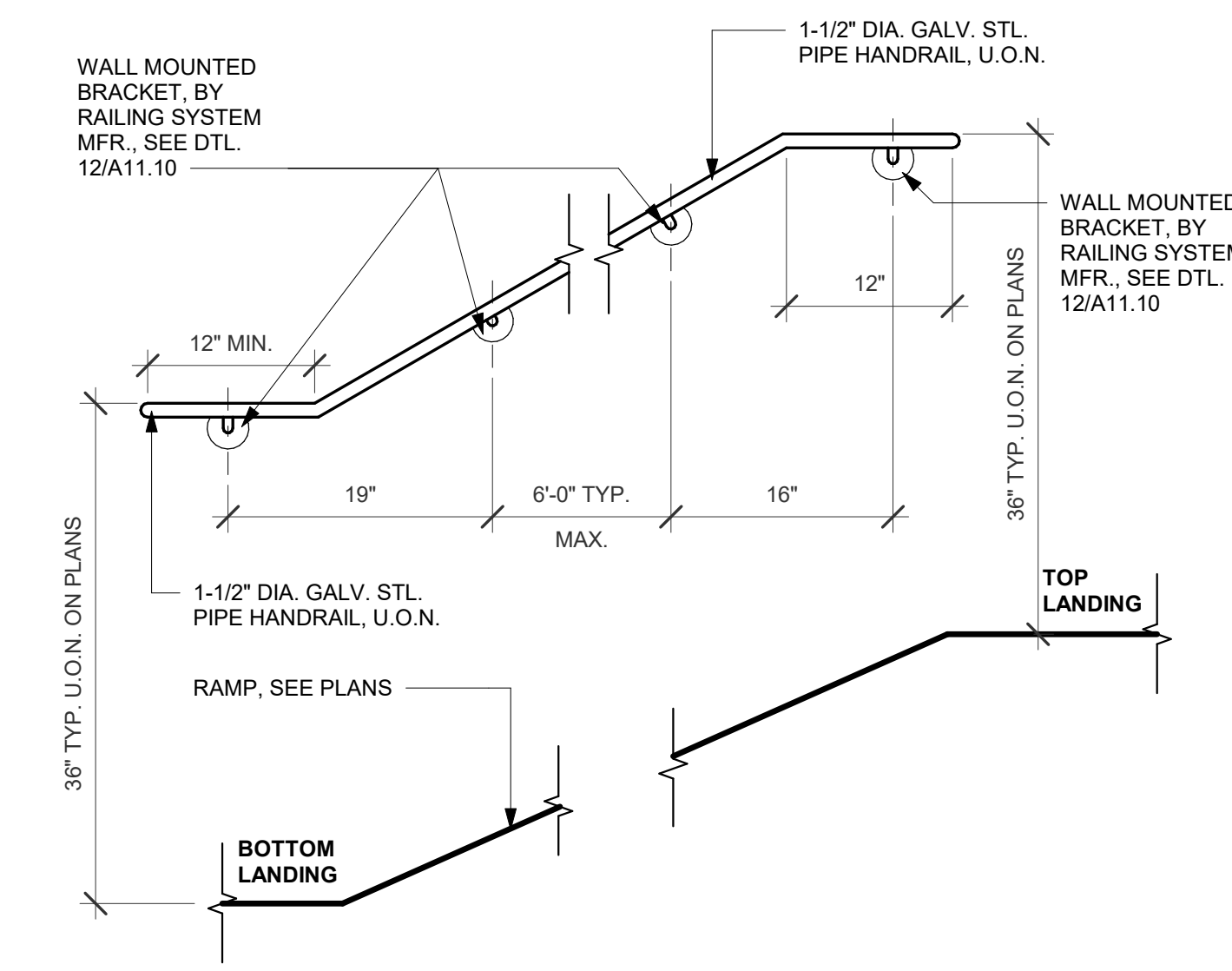
20 HI-LO DRINKING FOUNTAIN ANCHORAGE
 SCALE: 1 1/2" = 1'-0"



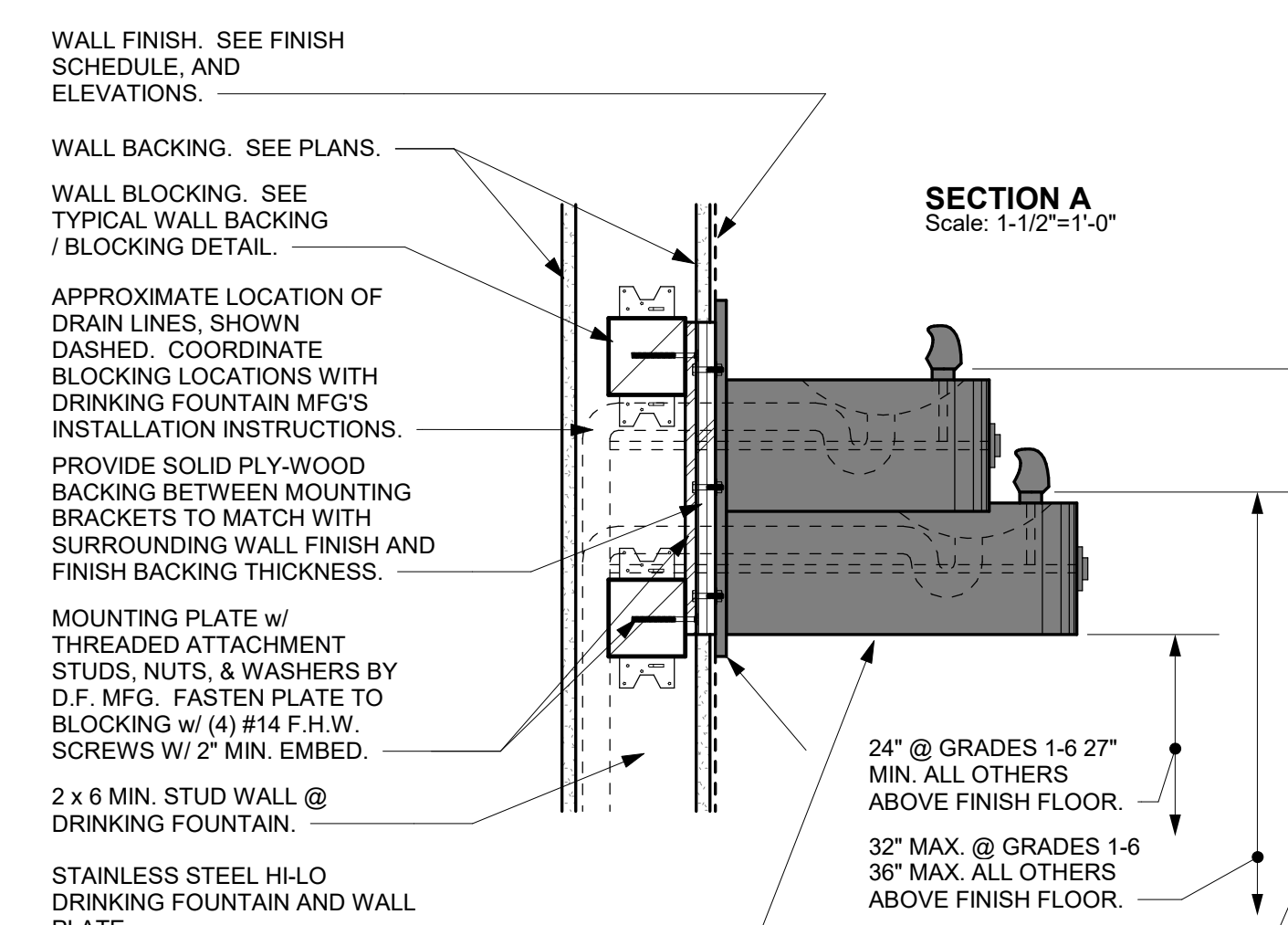
14 STAGE CURTAIN AND PROJECTION SCREEN ANCHORAGE
 SCALE: 3" = 1'-0"



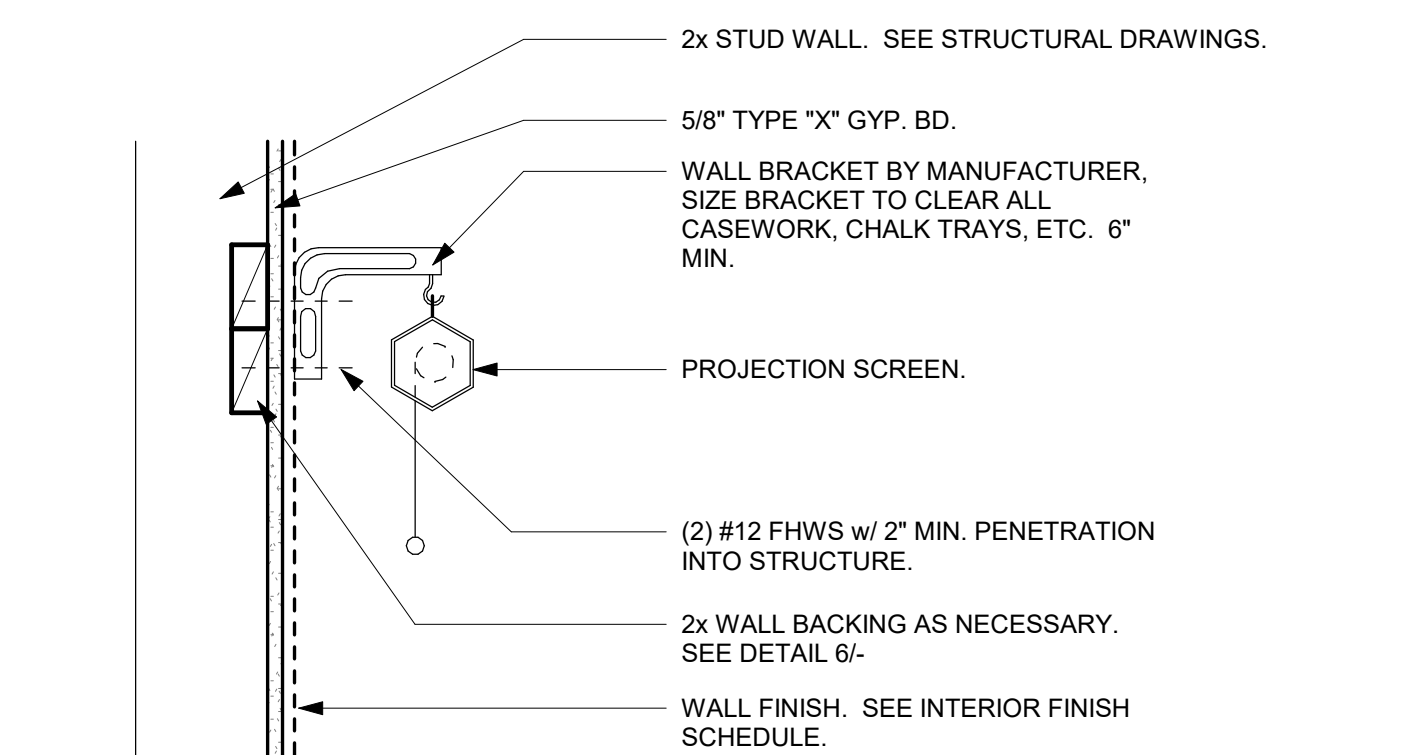
15 KNEE CLEARANCE AT LAVATORY
 SCALE: 1" = 1'-0"



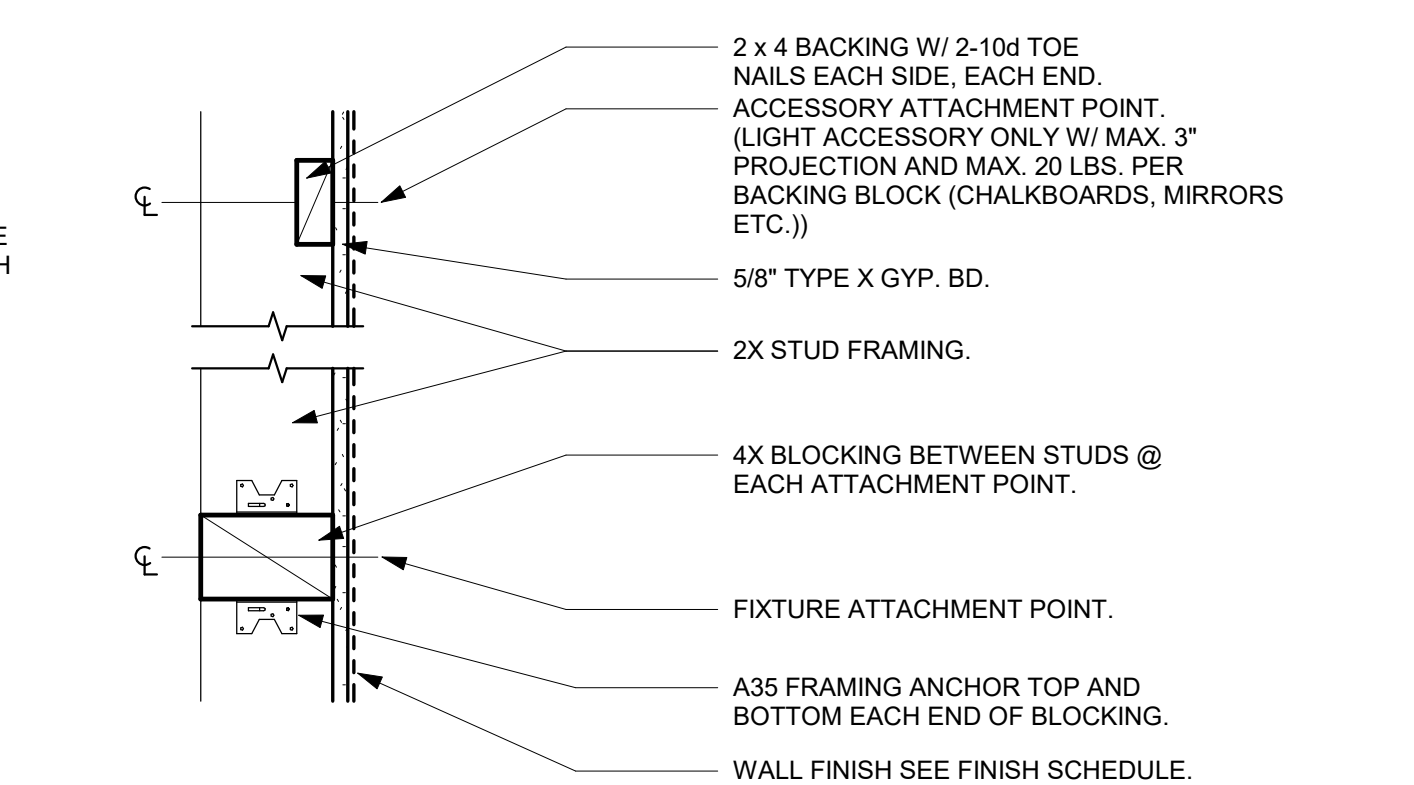
11 TYP. WALL MOUNTED RAIL
 SCALE: 1" = 1'-0"



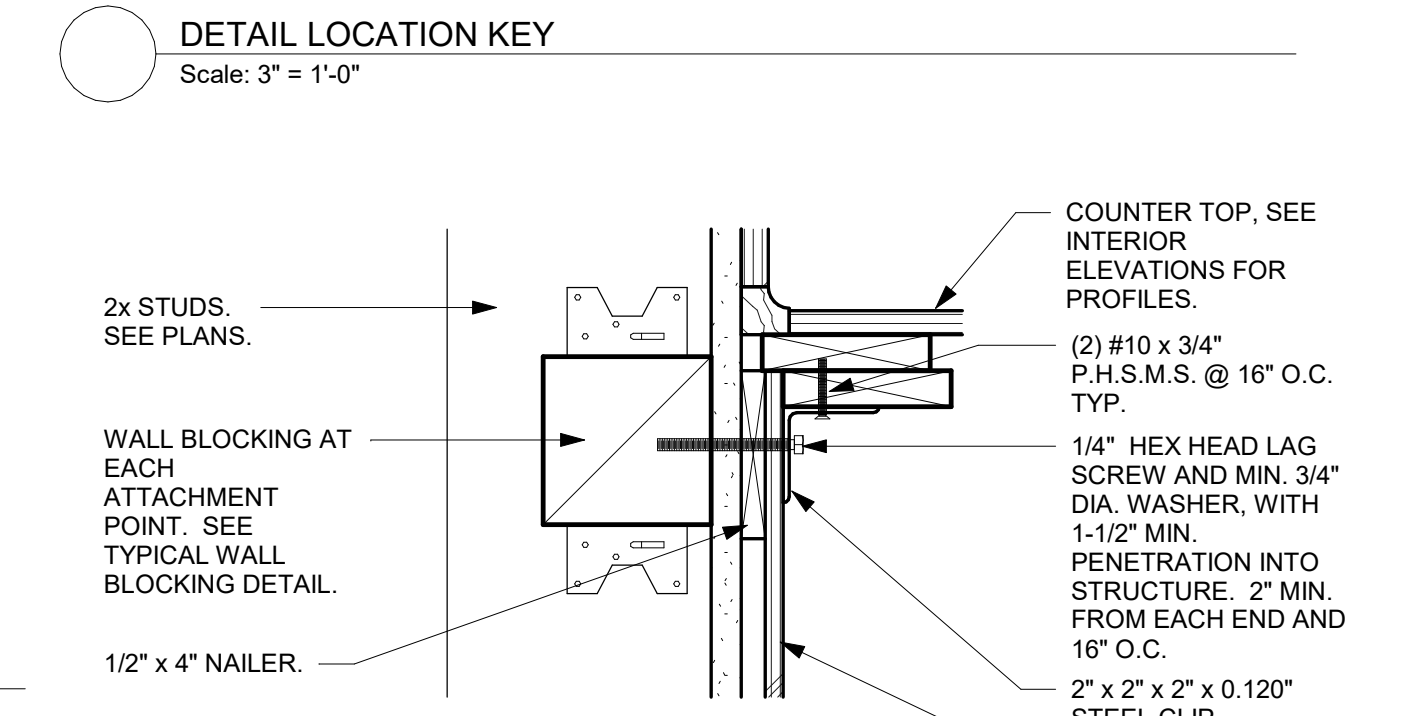
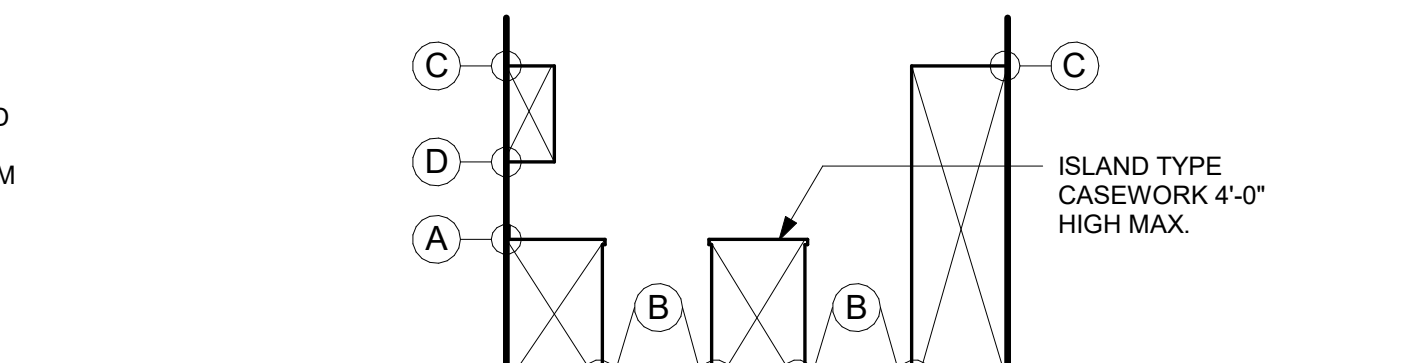
12 HANDRAIL BRACKET ANCHORAGES
 SCALE: 3" = 1'-0"



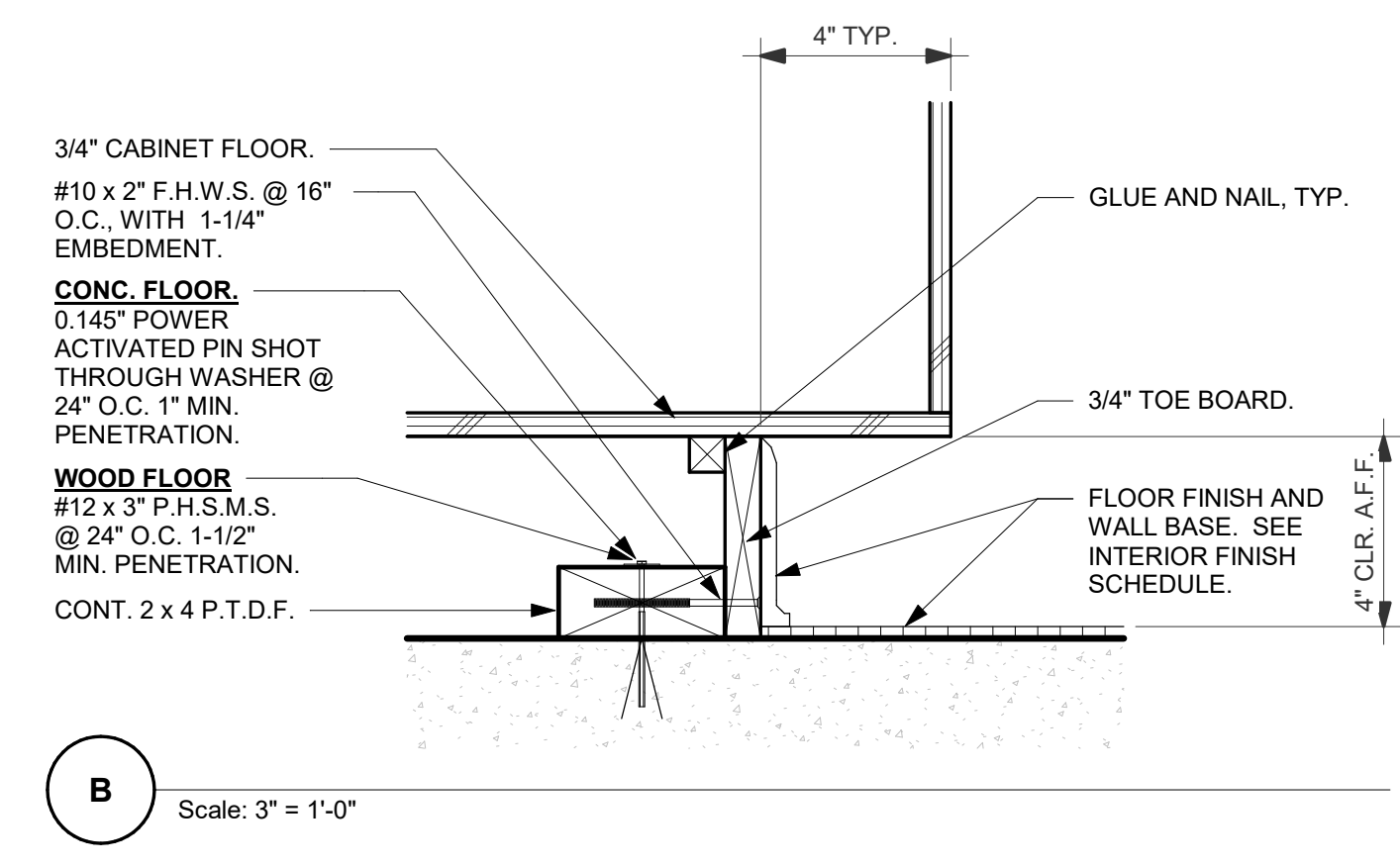
5 PROJECTION SCREEN ANCHORAGE (2x STUDS)
 SCALE: 1 1/2" = 1'-0"



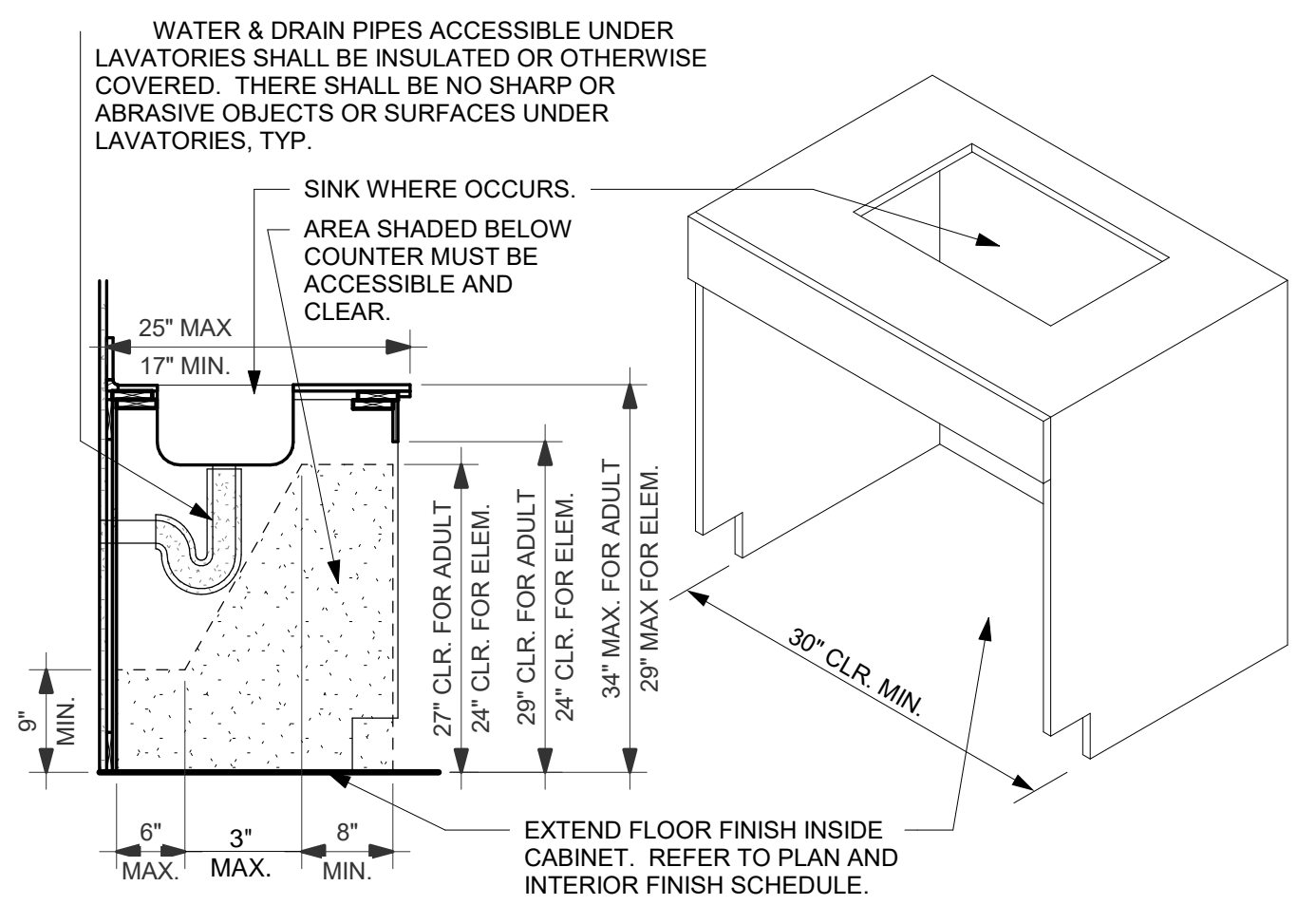
6 TYPICAL WALL BACKING / BLOCKING
 SCALE: 1 1/2" = 1'-0"



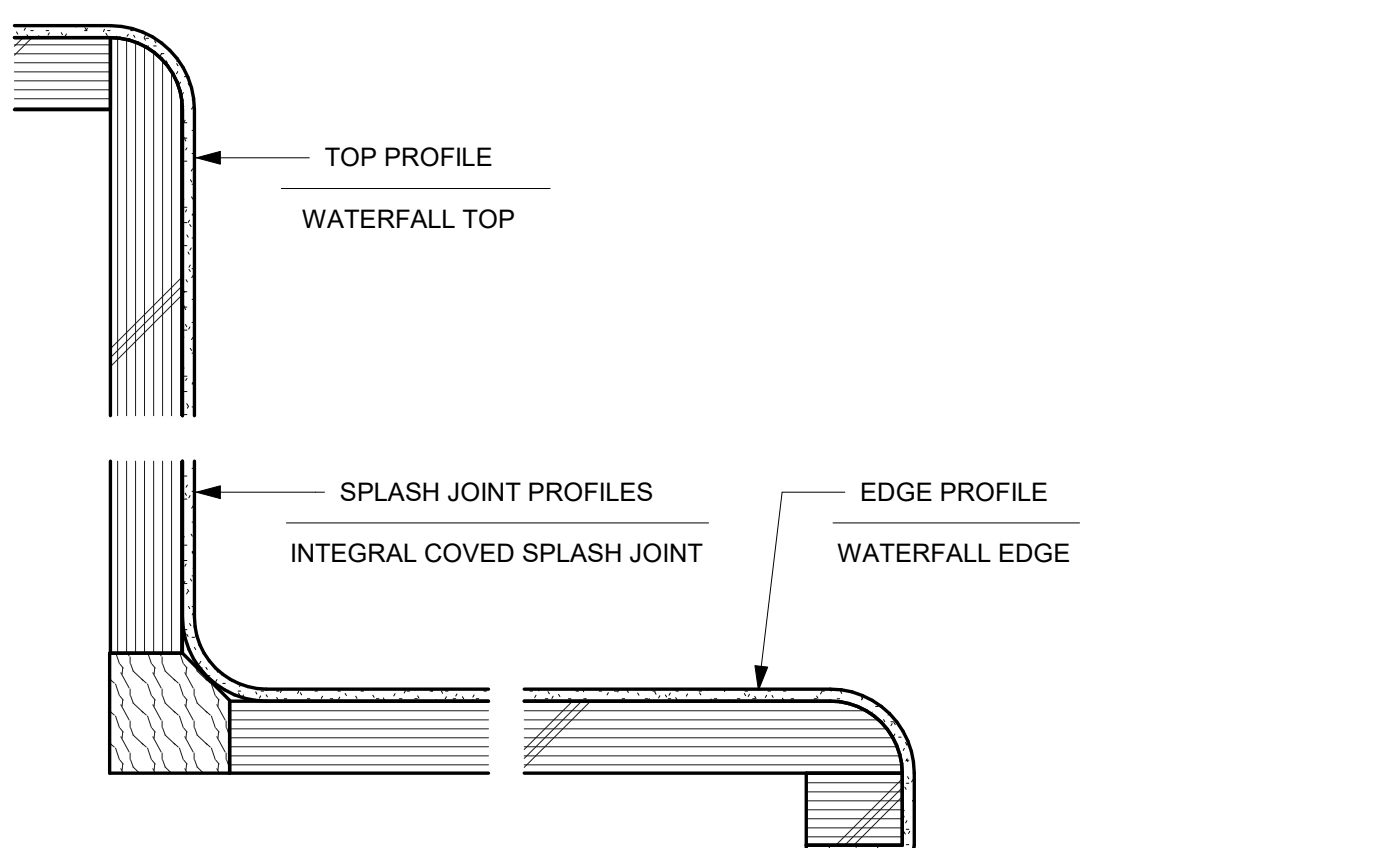
8 CABINET ANCHORAGE DETAILS (2x STUDS)
 SCALE: 3" = 1'-0"



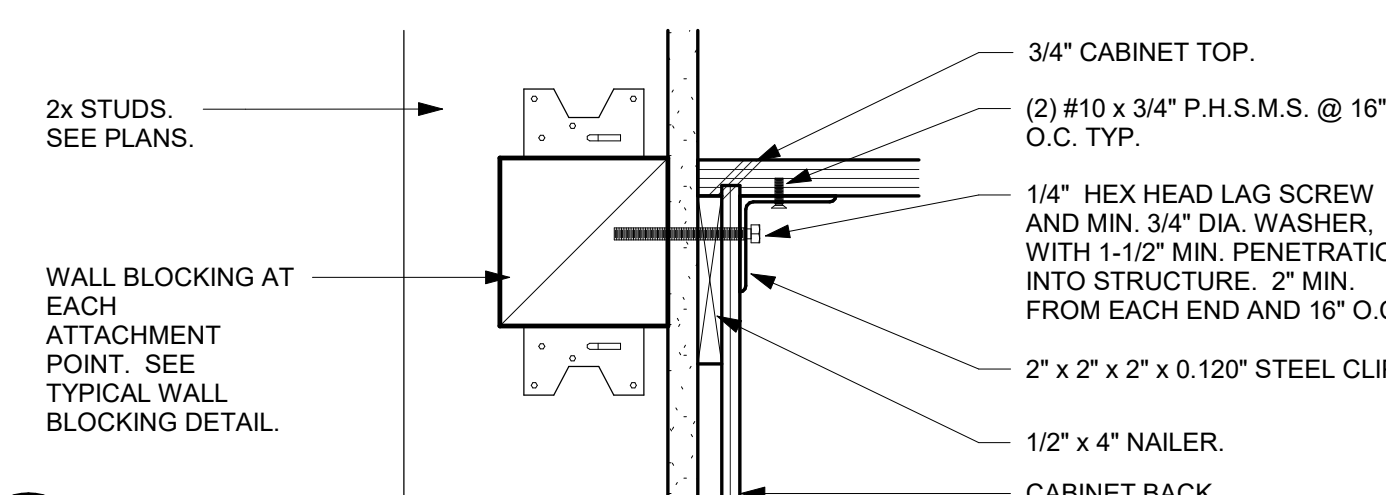
8 CABINET ANCHORAGE DETAILS (2x STUDS)
 SCALE: 3" = 1'-0"



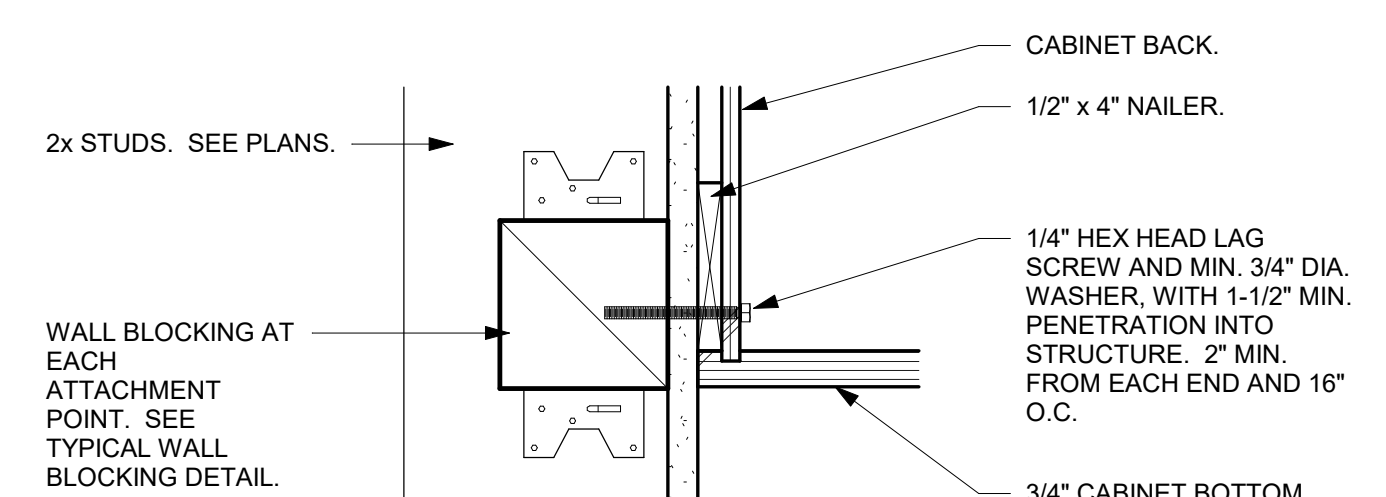
1 ACCESSIBLE CABINET BASE DETAIL NO DOORS
 SCALE: 3/4" = 1'-0"



2 COUNTERTOP PROFILES
 SCALE: 6" = 1'-0"



C SCALE: 3" = 1'-0"

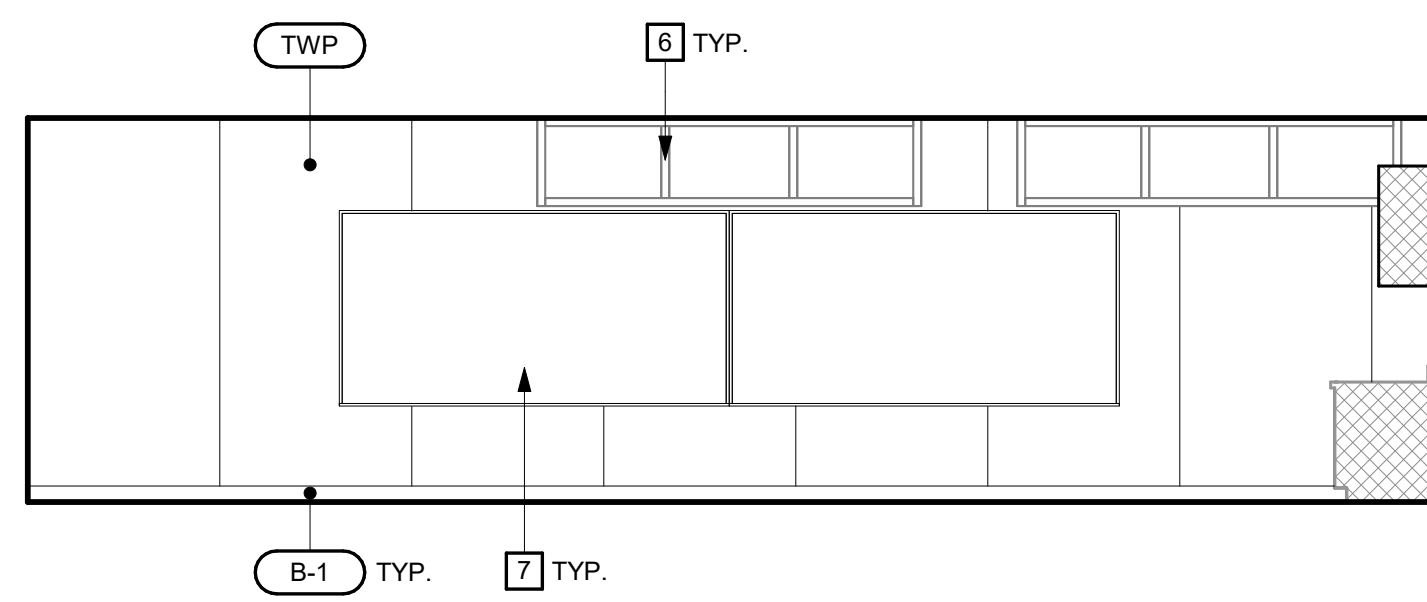


D SCALE: 3" = 1'-0"

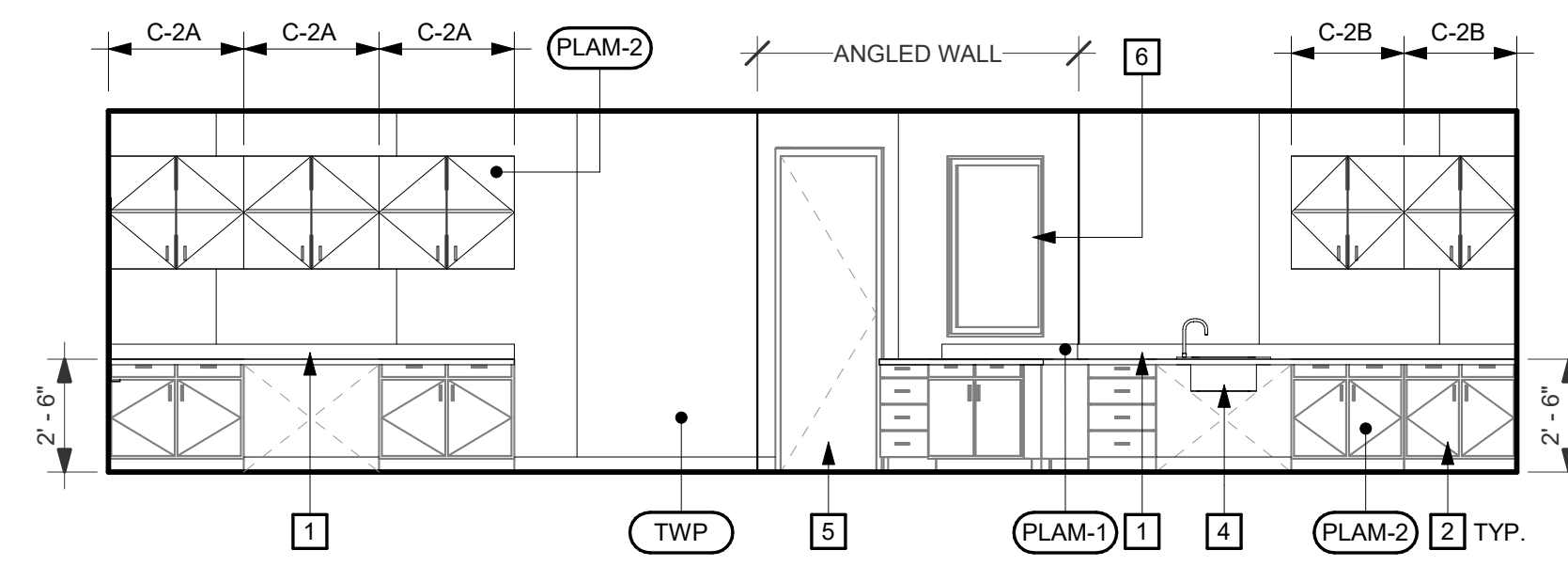
NOTE:

- PAINT ALL ANCHORAGE HARDWARE TO MATCH THE CABINET FACE TO WHICH IT IS BEING ATTACHED. THIS INCLUDES ALL SCREW HEADS.
- CONTRACTOR SHALL SCRIBE ALL CABINET EDGES TO WALL SURFACE EVERYWHERE CABINET COMES INTO CONTACT WITH WALL. CONTRACTOR SHALL ALSO PROVIDE A TOOLED BEAD OF CLEAR CAULK BETWEEN ALL CABINET EDGES AND WALL.
- FASTEN CABINETS TOGETHER USING 1-1/4" F.H.W.S. THROUGH CABINET FACE FRAME, TOP AND BOTTOM.

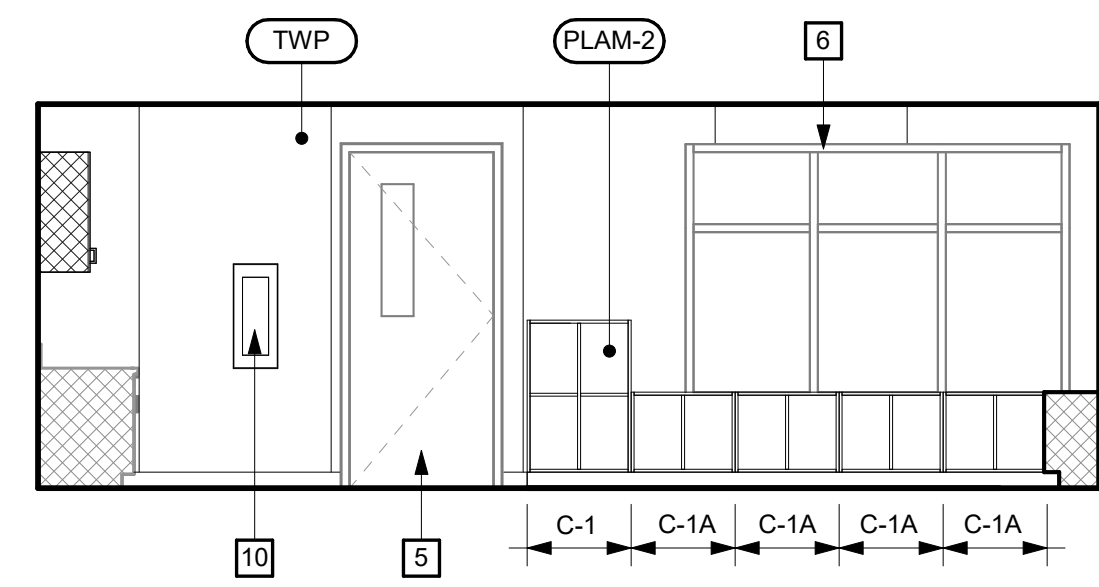
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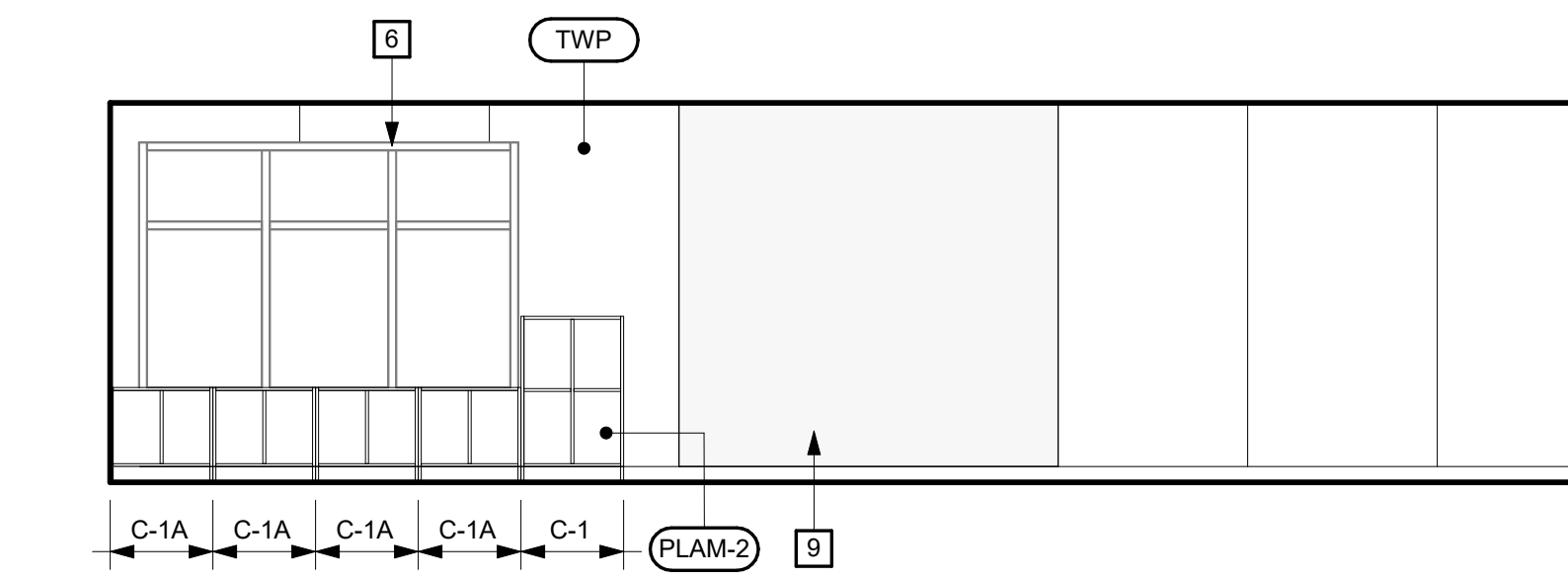
NORTH



EAST

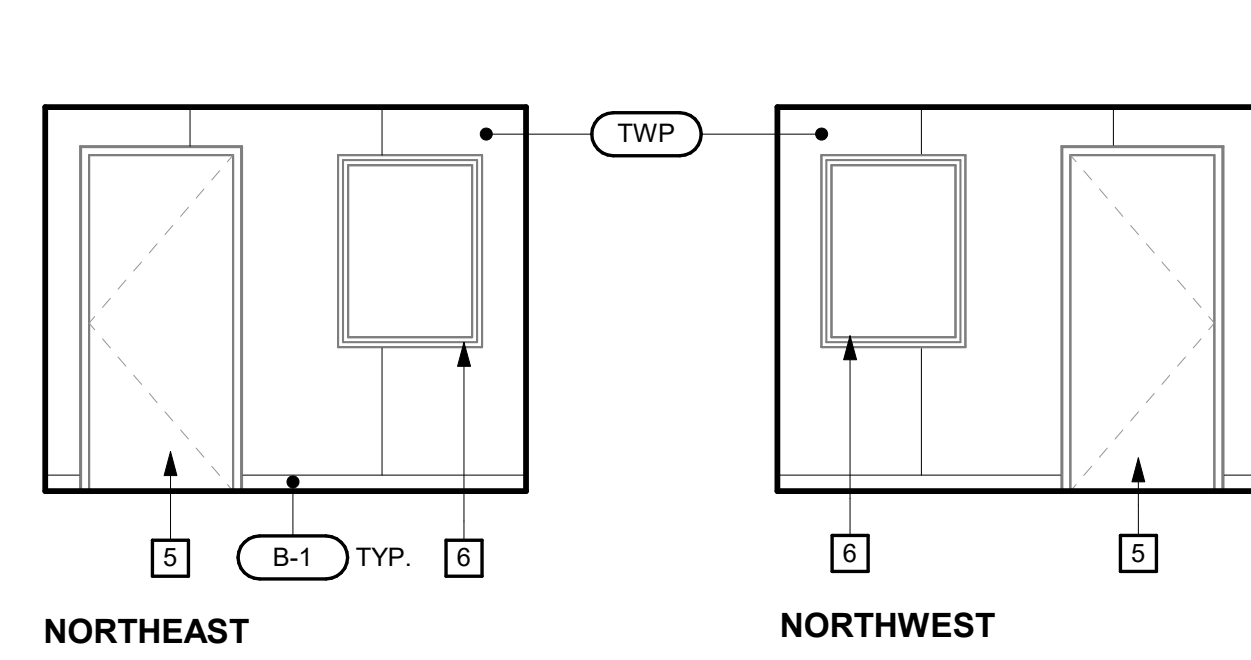


SOUTH



WEST

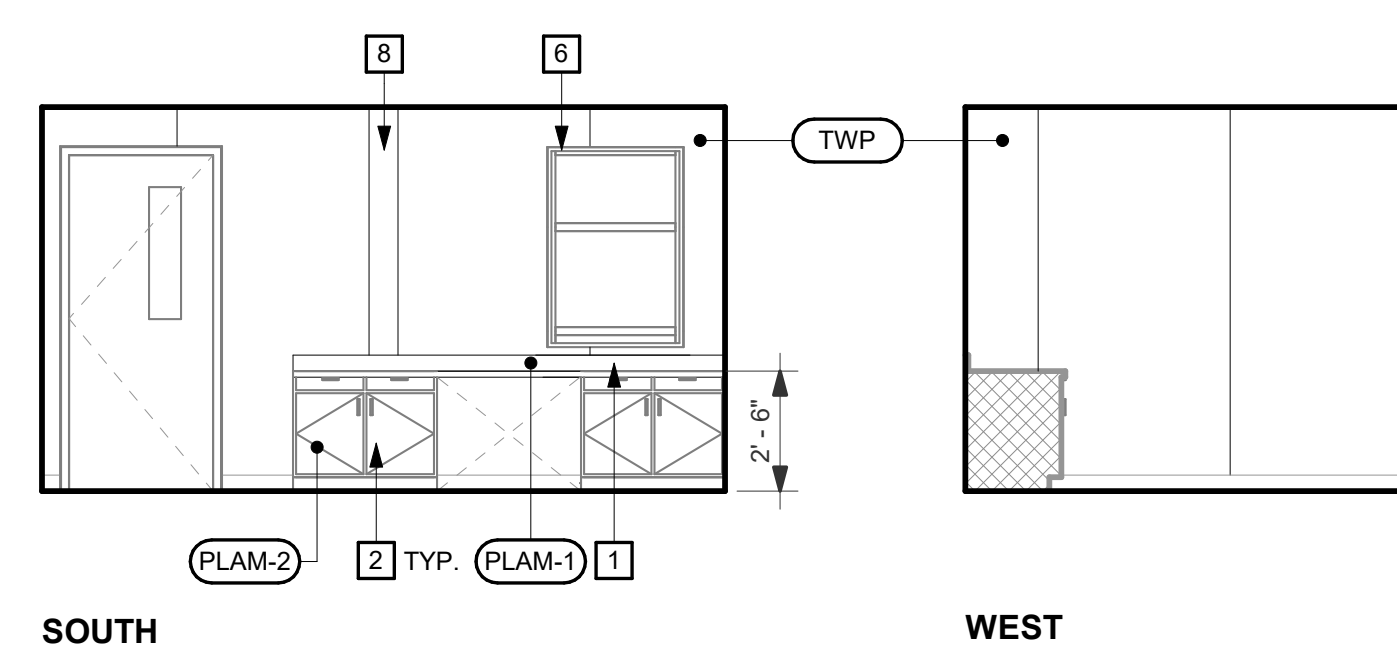
1 A4 - CLASSROOM
SCALE: 1/4" = 1'-0"



NORTHEAST

NORTHWEST

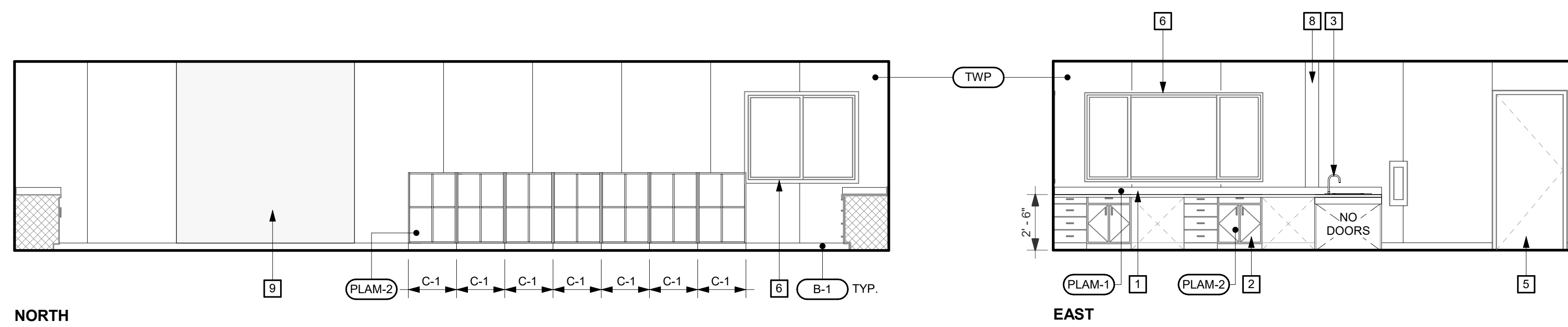
EAST



SOUTH

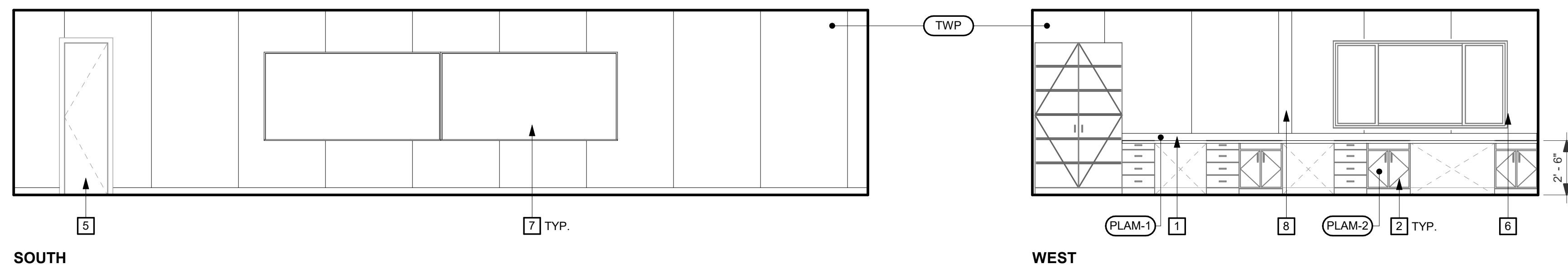
WEST

2 A5 - RESOURCE
SCALE: 1/4" = 1'-0"



NORTH

EAST



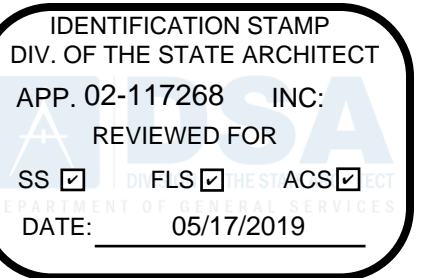
SOUTH

WEST

3 C1 - CLASSROOM
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- A FOR INTERIOR FINISHES NOT SHOWN ON ELEVATIONS REFER TO INTERIOR FINISH SCHEDULE.
- B CABINET ELEVATIONS AS SHOWN IN THE INTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. ACTUAL CABINET DESIGN CRITERIA AND SIZES ARE DESIGNATED IN THE CASEWORK SCHEDULE USING THE WOODWORK INSTITUTES' CABINET DESIGN SERIES (CDS) NUMBERING SYSTEM. WHERE INDIVIDUAL CASEWORK DESIGN REQUIREMENTS DO NOT FIT WITHIN THE CDS NUMBERING SYSTEM CABINETS ARE DETAILED SEPARATELY AS REFERENCED IN THE CASEWORK SCHEDULE.
- C SEE DETAIL 13/A11.01 FOR MOUNTING HEIGHT OF ACCESSORIES.
- D ALL EXPOSED CONDUITS AND PIPES SHALL BE PAINTED U.O.N.
- E REMOVE AND REINSTALL ANY AND ALL EQUIPMENT, PROJECTION SCREENS, ACCESSORIES, ELECTRICAL, AND MECHANICAL ITEMS AS REQUIRED FOR INSTALLATION OF NEW WORK.



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architects

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tel: (408)-300-5160
fax: (408)-300-5121

INTERIOR ELEVATION KEYNOTES

- 1 (N) COUNTERTOP
- 2 (N) LAMINATE ON (E) CABINET BODY. PROVIDE AND INSTALL NEW DOORS AND DRAWER FRONTS. TYP.
- 3 (N) ACCESSIBLE SINK AND BASE CABINET. SEE DETAIL 1/A11.10 & PLUMBING DRAWINGS FOR MORE INFORMATION.
- 4 (N) SINK, TYP. CONNECT TO (E) PLUMBING. SEE DETAIL 1/A11.10 & PLUMBING DRAWINGS FOR MORE INFORMATION.
- 5 (E) DOOR AND FRAME, PAINT
- 6 (E) WINDOW FRAME, PAINT
- 7 (N) MARKER BOARD
- 8 (E) PORTABLE MODULE LINE COVER. CLEAN, PREP, AND PAINT.
- 9 (N) MAGNETIC MARKER WALL
- 10 (E) FIRE EXTINGUISHER INSTALLED IN (N) SEMI-RECESSED CABINET

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley
School District

GRASS VALLEY SCHOOL DISTRICT

CONSULTANT

STAMP



STATE

REVISIONS

No.	Description	Date
△		

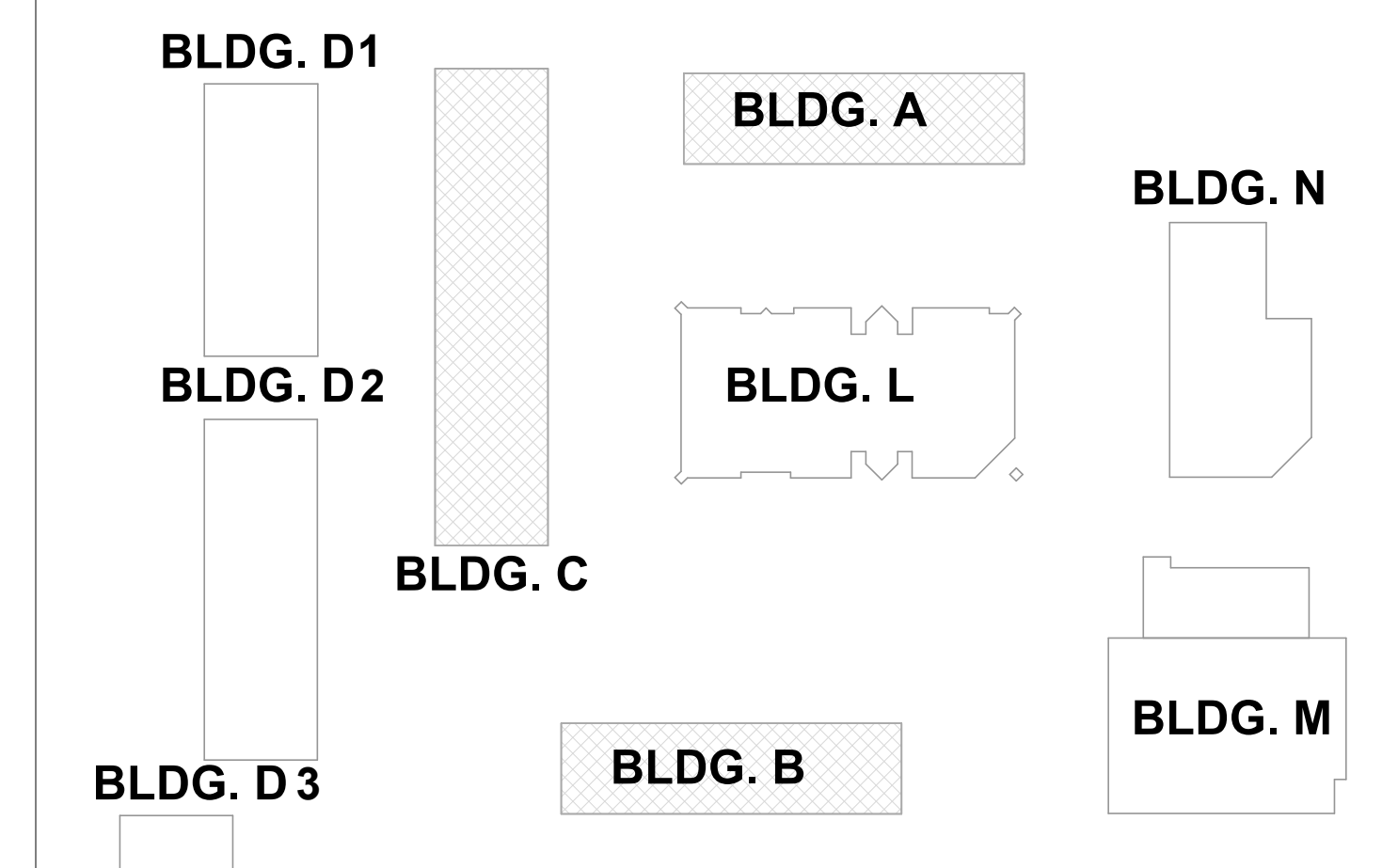
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DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

SHEET

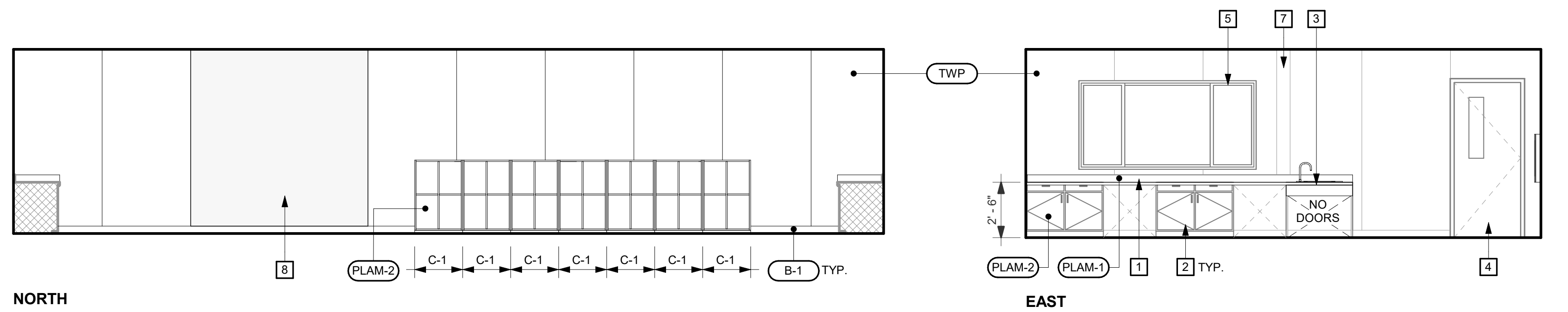
INTERIOR ELEVATIONS - BUILDINGS A, B & C

BUILDING KEY



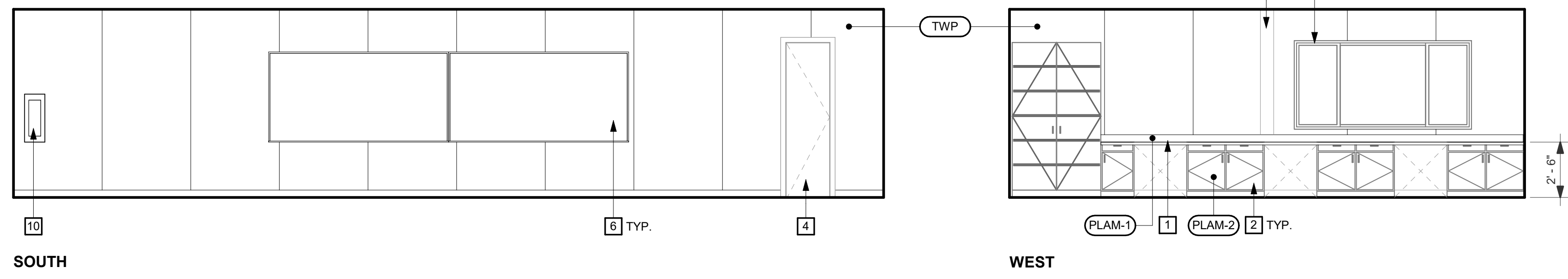
DATE 05/09/2019
JOB # 2018045
SHEET #

A12.21



NORTH

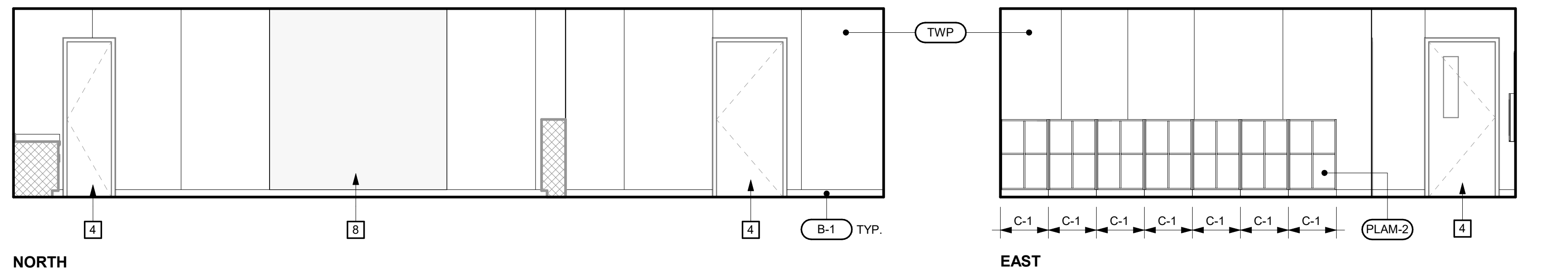
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SOUTH

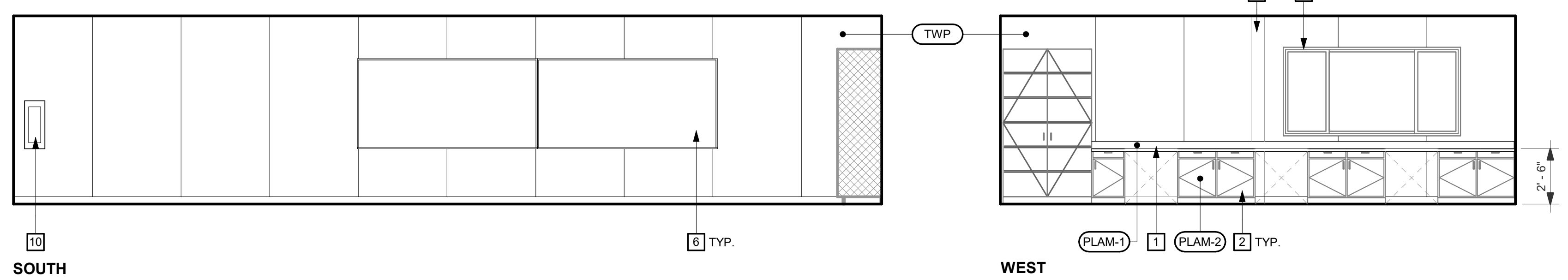
WEST

1 D1 - CLASSROOM
SCALE: 1/4" = 1'-0"



NORTH

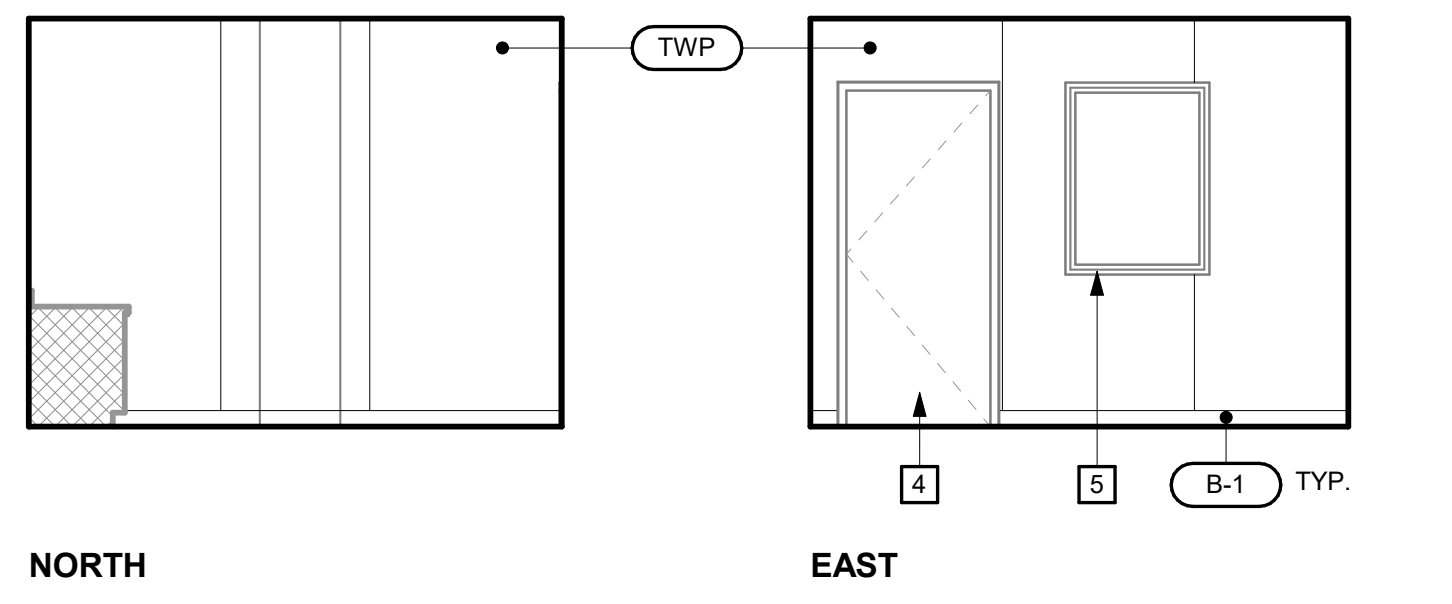
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SOUTH

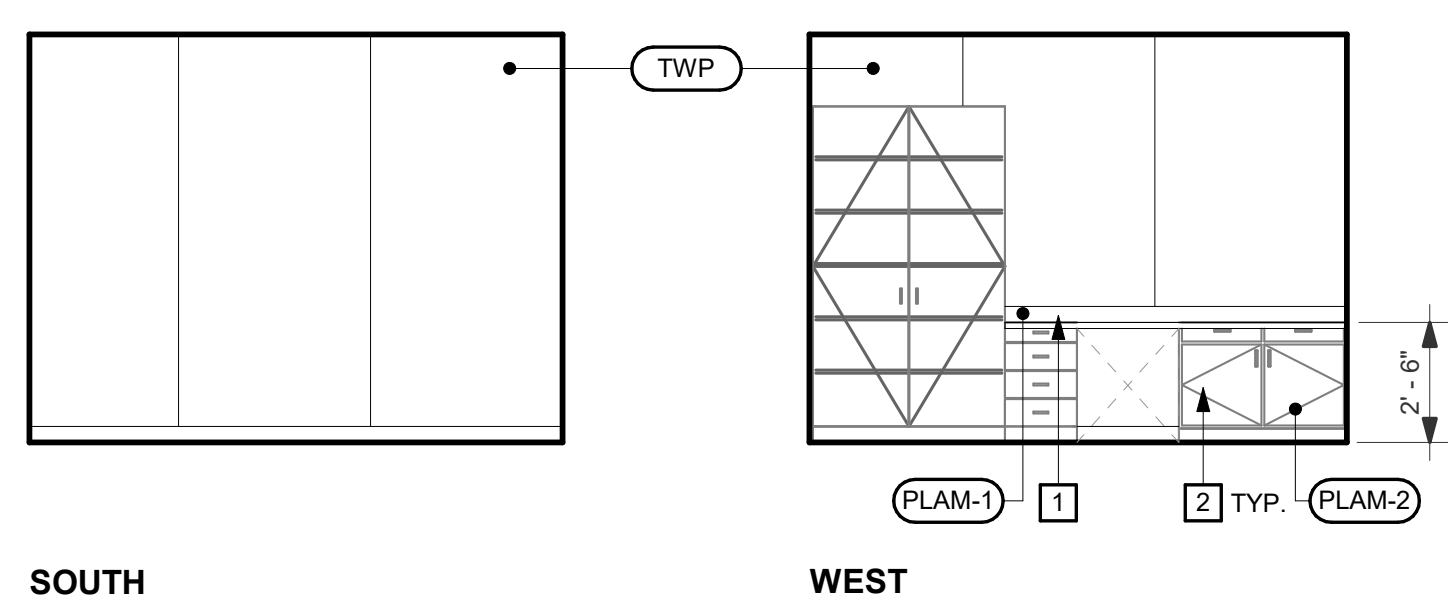
WEST

2 D2 - CLASSROOM
SCALE: 1/4" = 1'-0"



NORTH

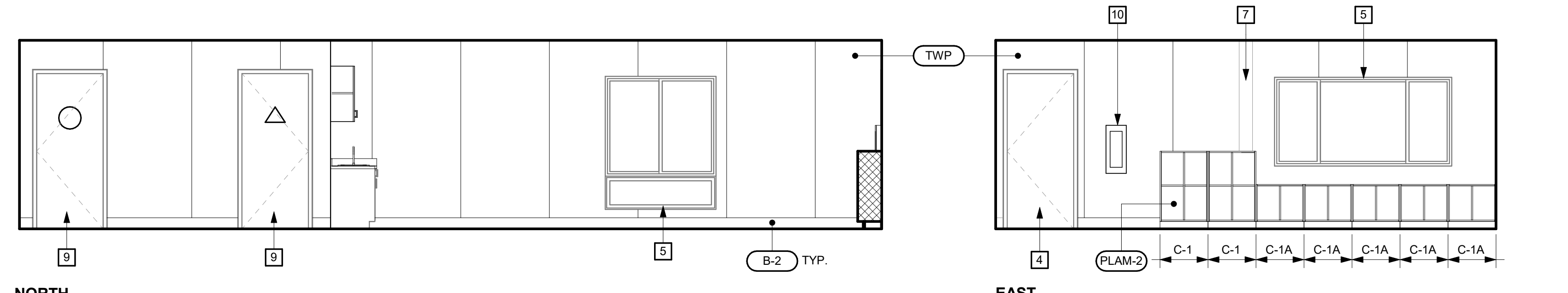
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SOUTH

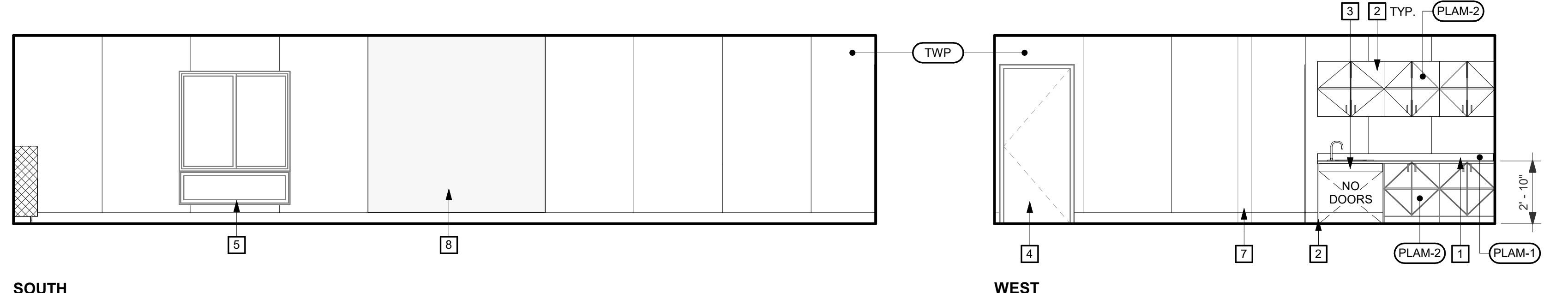
WEST

3 D13 - SDC
SCALE: 1/4" = 1'-0"



NORTH

EAST



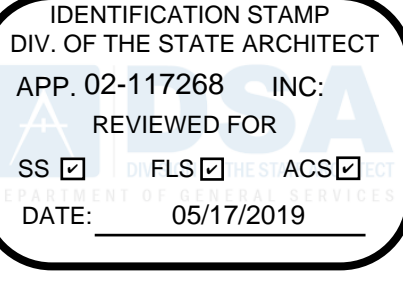
SOUTH

WEST

4 D14 - SASP
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- A FOR INTERIOR FINISHES NOT SHOWN ON ELEVATIONS REFER TO INTERIOR FINISH SCHEDULE.
- B CABINET ELEVATIONS AS SHOWN IN THE INTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. ACTUAL CABINET DESIGN CRITERIA AND SIZES ARE DESIGNATED IN THE CASEWORK SCHEDULE USING THE WOODWORK INSTITUTES' CABINET DESIGN SERIES (CDS) NUMBERING SYSTEM. WHERE INDIVIDUAL CASEWORK DESIGN REQUIREMENTS DO NOT FIT WITHIN THE CDS NUMBERING SYSTEM CABINETS ARE DETAILED SEPARATELY AS REFERENCED IN THE CASEWORK SCHEDULE.
- C SEE DETAIL 13/A11.01 FOR MOUNTING HEIGHT OF ACCESSORIES.
- D ALL EXPOSED CONDUITS AND PIPES SHALL BE PAINTED U.O.N.
- E REMOVE AND REINSTALL ANY AND ALL EQUIPMENT, PROJECTION SCREENS, ACCESSORIES, ELECTRICAL, AND MECHANICAL ITEMS AS REQUIRED FOR INSTALLATION OF NEW WORK.



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tel: (408)-300-5160
fax: (408)-300-5121

INTERIOR ELEVATION KEYNOTES

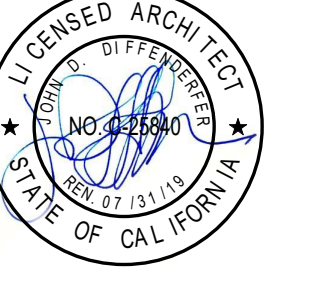
- 1 (N) COUNTERTOP
- 2 (N) LAMINATE ON (E) CABINET BODY. PROVIDE AND INSTALL NEW DOORS AND DRAWER FRONTS. TYP.
- 3 (N) ACCESSIBLE SINK AND BASE CABINET. SEE DETAIL 1/A11.10 & PLUMBING DRAWINGS FOR MORE INFORMATION.
- 4 (E) DOOR AND FRAME. PAINT
- 5 (E) WINDOW FRAME. PAINT
- 6 (N) MARKER BOARD
- 7 (E) PORTABLE MODULE LINE COVER. CLEAN, PREP, AND PAINT.
- 8 (N) MAGNETIC MARKER WALL
- 9 (E) DOOR AND FRAME. PROVIDE AND INSTALL (N) SIGNAGE AND PAINT
- 10 (E) FIRE EXTINGUISHER INSTALLED IN (N) SEMI-RECESSED CABINET

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT
CONSULTANT

STAMP



STATE

REVISIONS

No.	Description	Date
1		

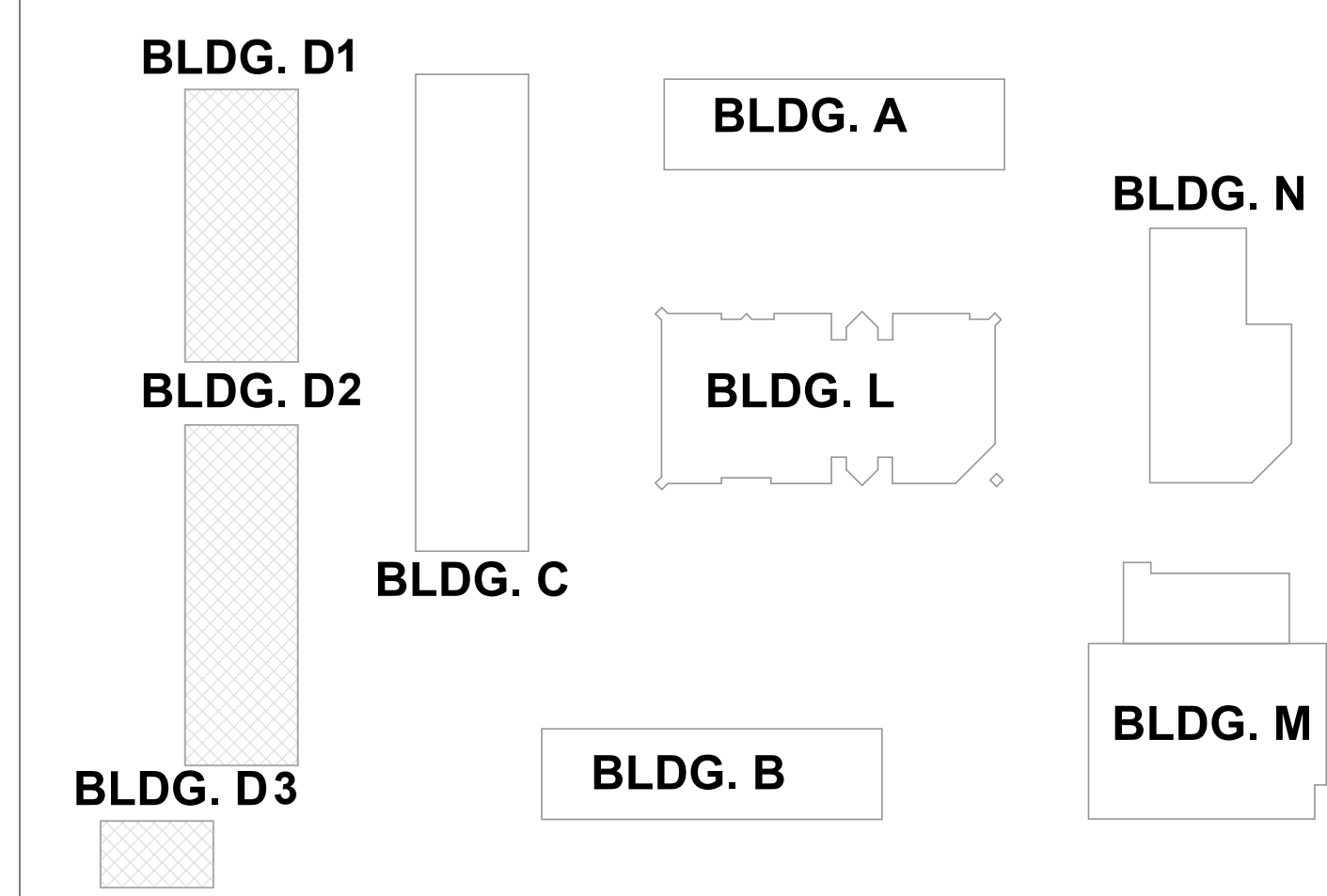
MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

SHEET

INTERIOR ELEVATIONS - BUILDING D

BUILDING KEY



DATE

05/09/2019

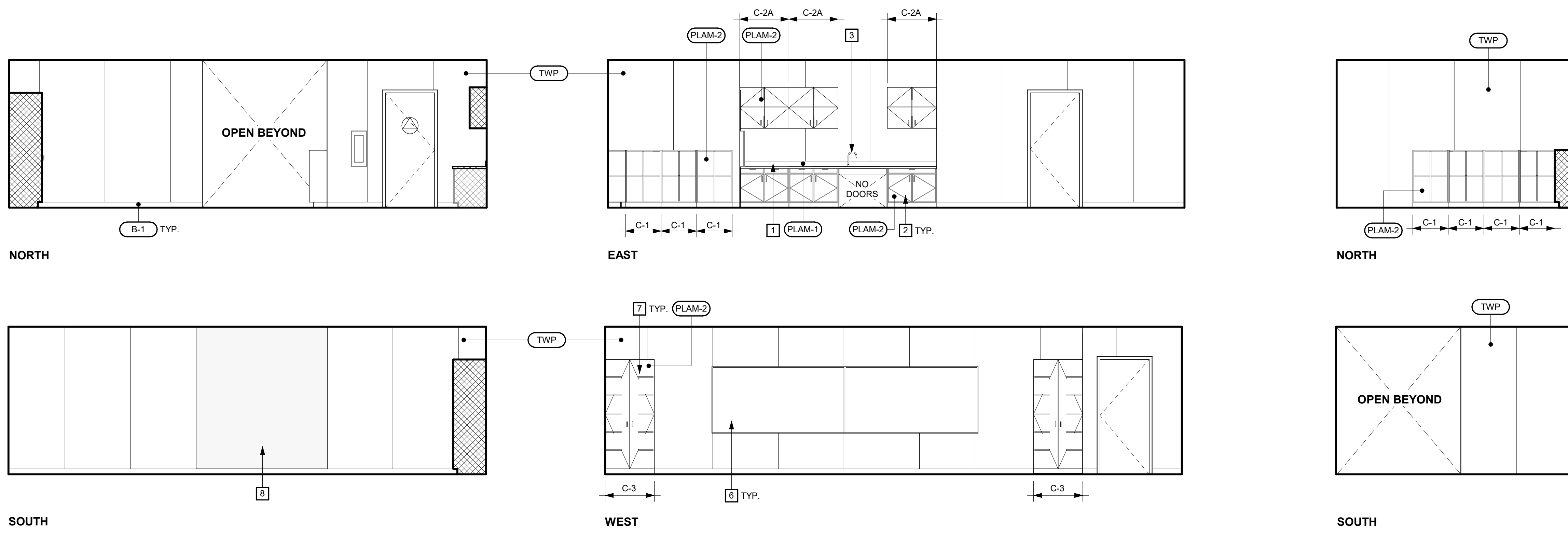
JOB #

2018045

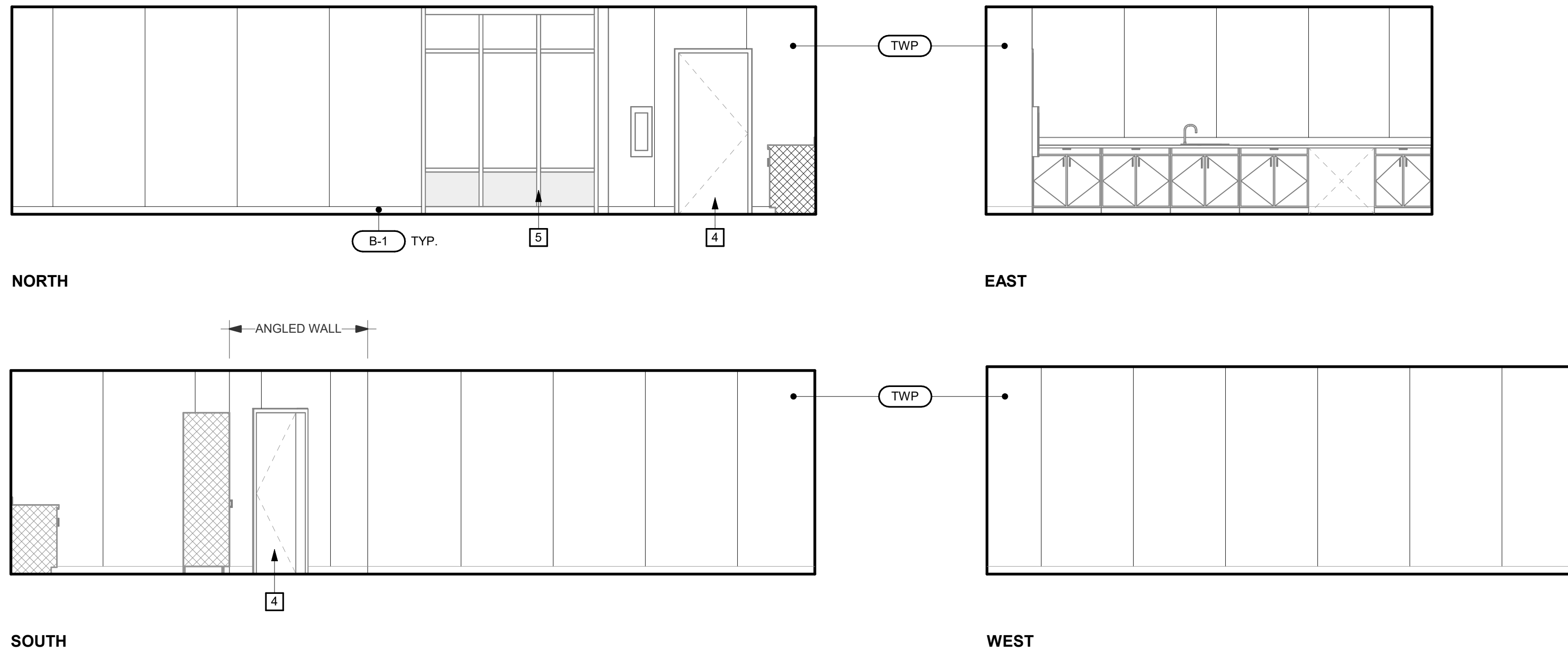
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A12.31

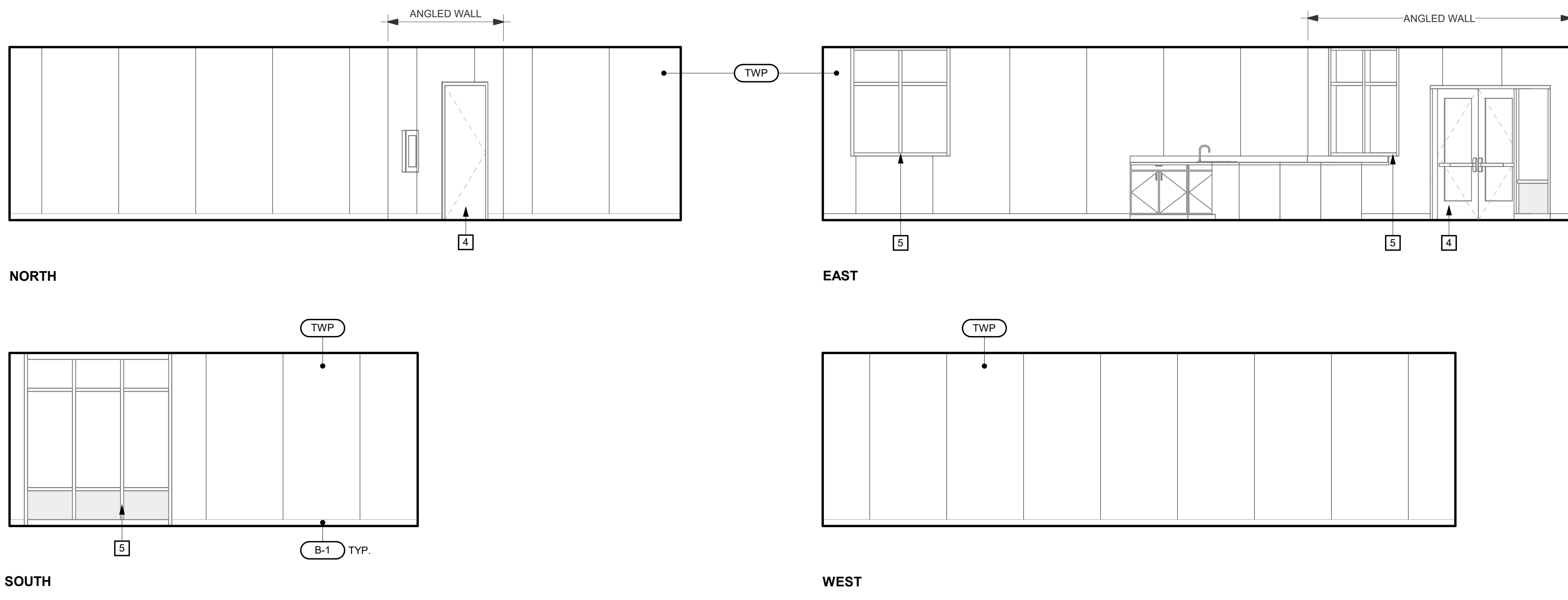
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1 L3 - CLASSROOM
SCALE: 1/4" = 1'-0"



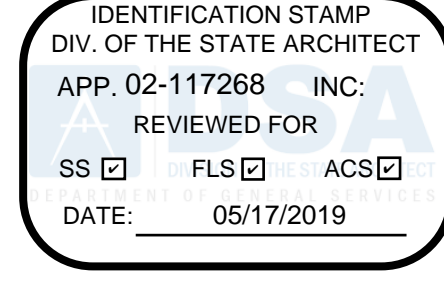
2 L14 - COMPUTER LAB
SCALE: 1/4" = 1'-0"



3 L15 - LIBRARY
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

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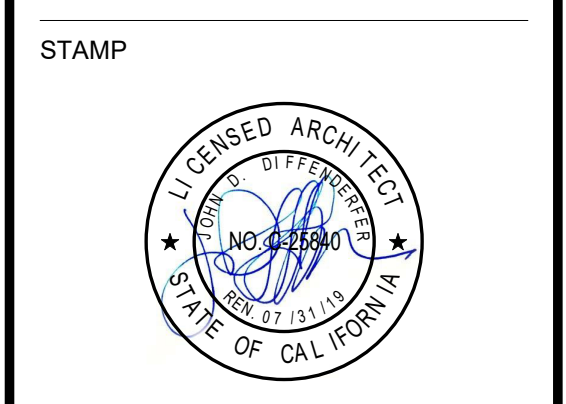
INTERIOR ELEVATION KEYNOTES

- 1 (N) COUNTERTOP
- 2 (N) LAMINATE ON (E) CABINET BODY, PROVIDE AND INSTALL NEW DOORS AND DRAWER FRONTS, TYP.
- 3 (N) SINK, TYP. CONNECT TO (E) PLUMBING. SEE DETAIL 1/A11.10 & PLUMBING DRAWINGS FOR MORE INFORMATION.
- 4 (E) DOOR AND FRAME, PAINT
- 5 (E) WINDOW FRAME, PAINT
- 6 (N) MARKER BOARD
- 7 (2) (N) TALL CABINETS.
- 8 (N) MAGNETIC MARKER WALL

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019

Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT
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STATE

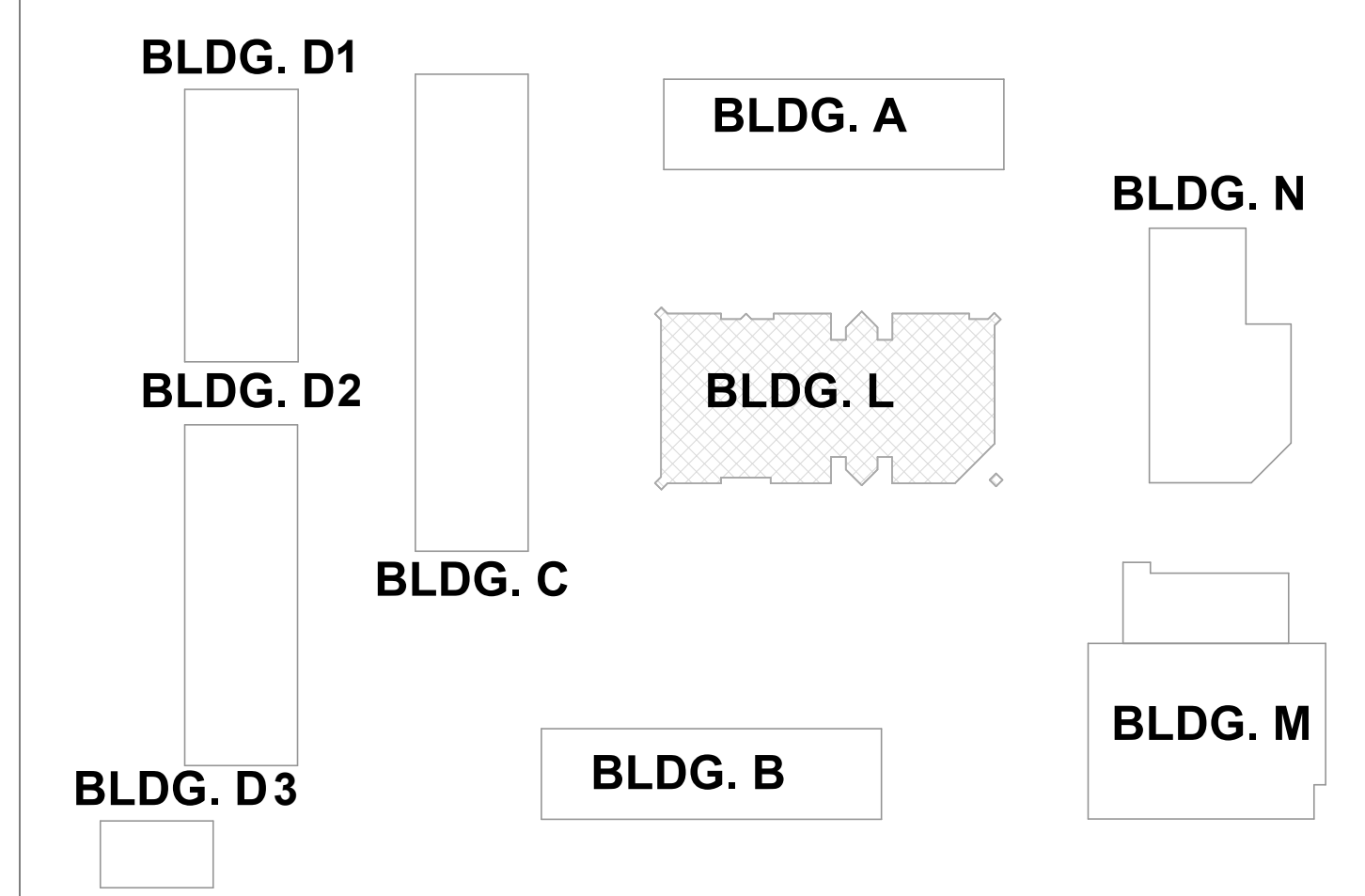
REVISIONS

No.	Description	Date
△		

MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

BUILDING KEY

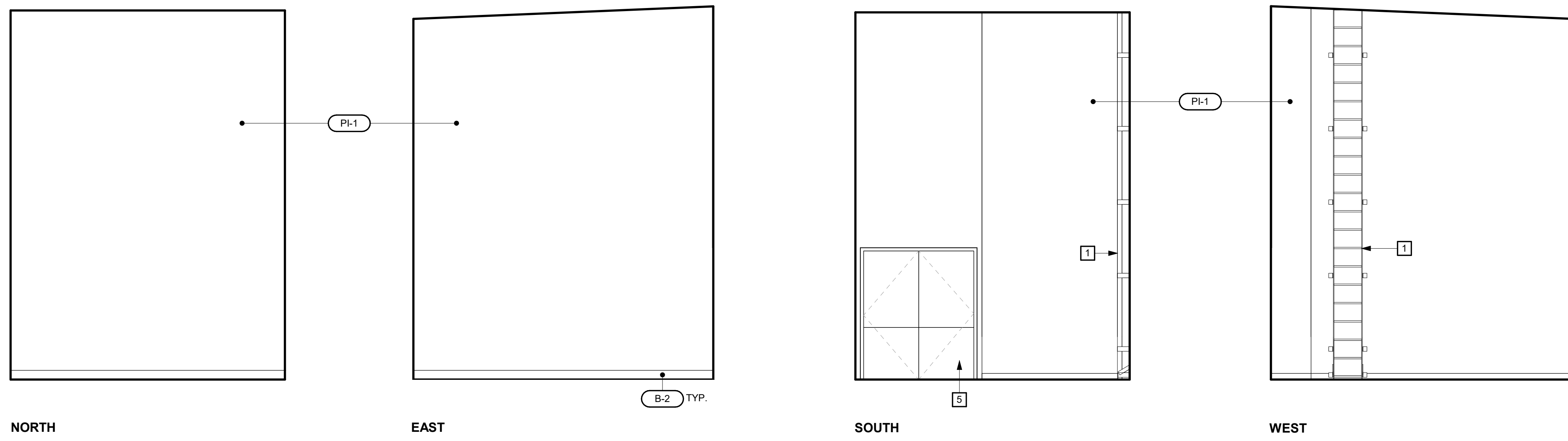


INTERIOR ELEVATIONS - BUILDING L

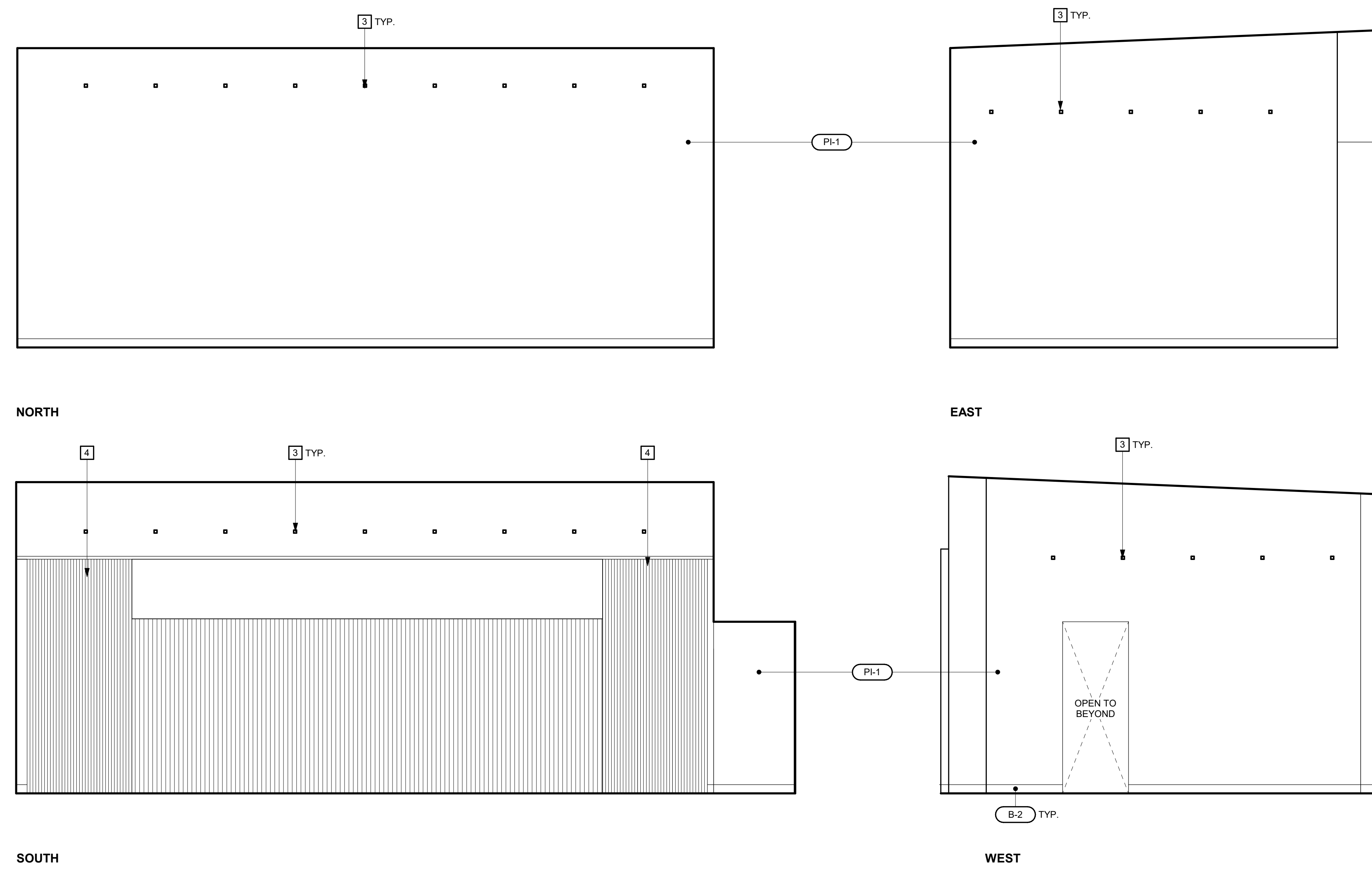
DATE 05/09/2019
JOB # 2018045
SHEET #

A12.32

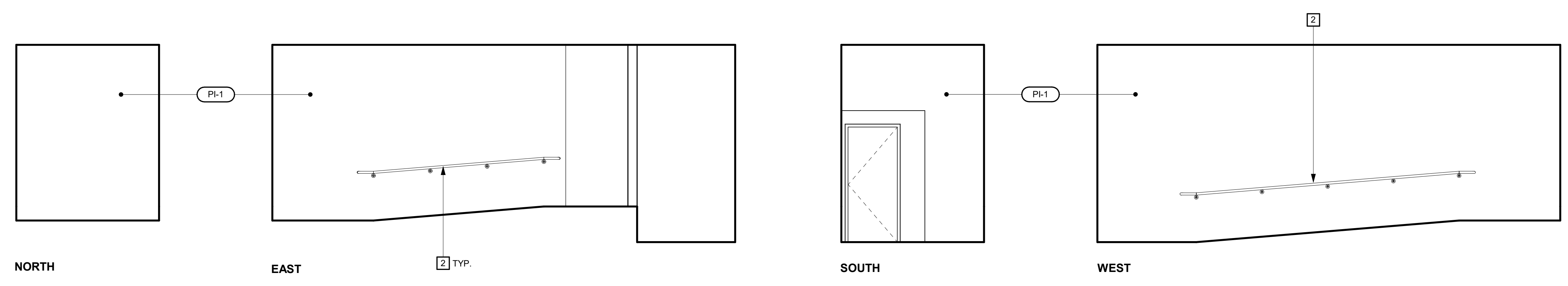
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1 M6 - STORAGE
SCALE: 1/4" = 1'-0"



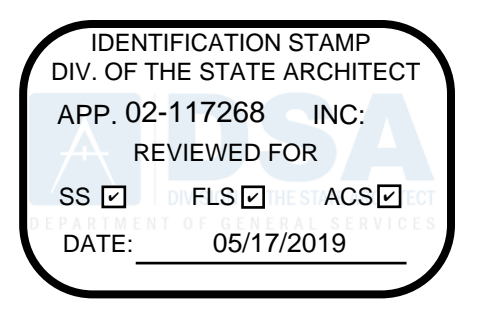
2 M7 - PLATFORM
SCALE: 1/4" = 1'-0"



3 M8 RAMP - NORTH
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

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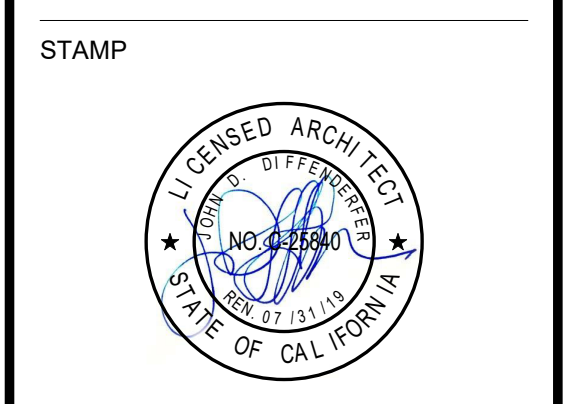
INTERIOR ELEVATION KEYNOTES

- 1 (N) ROOF LADDER
- 2 (N) HANDRAILS, SEE DETAIL 11/A11.10
- 3 (N) UNISTRUT GRID 4'-0" O.C. SEE SHEET A9.11 FOR DETAILS
- 4 CURTAINS, REFER TO DETAIL 14/A11.10 AND SPECIFICATIONS
- 5 (N) DOOR & FRAME, REFER TO DOOR SCHEDULE

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



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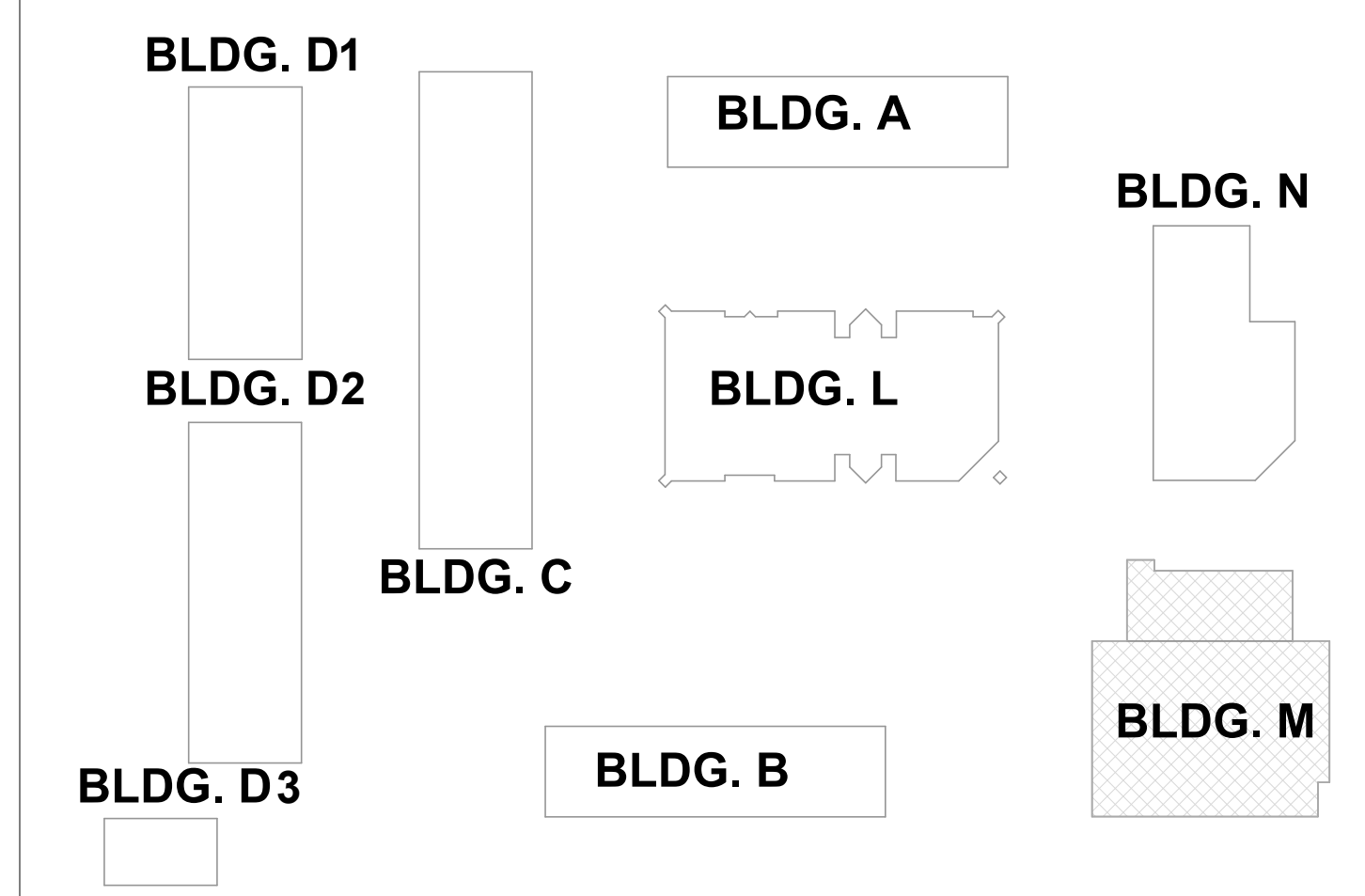
REVISIONS

No.	Description	Date
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MILESTONES

SD
DD
50% CD
90% CD
DSA SUB 01/11/2019
DSA BC 05/09/2019

BUILDING KEY

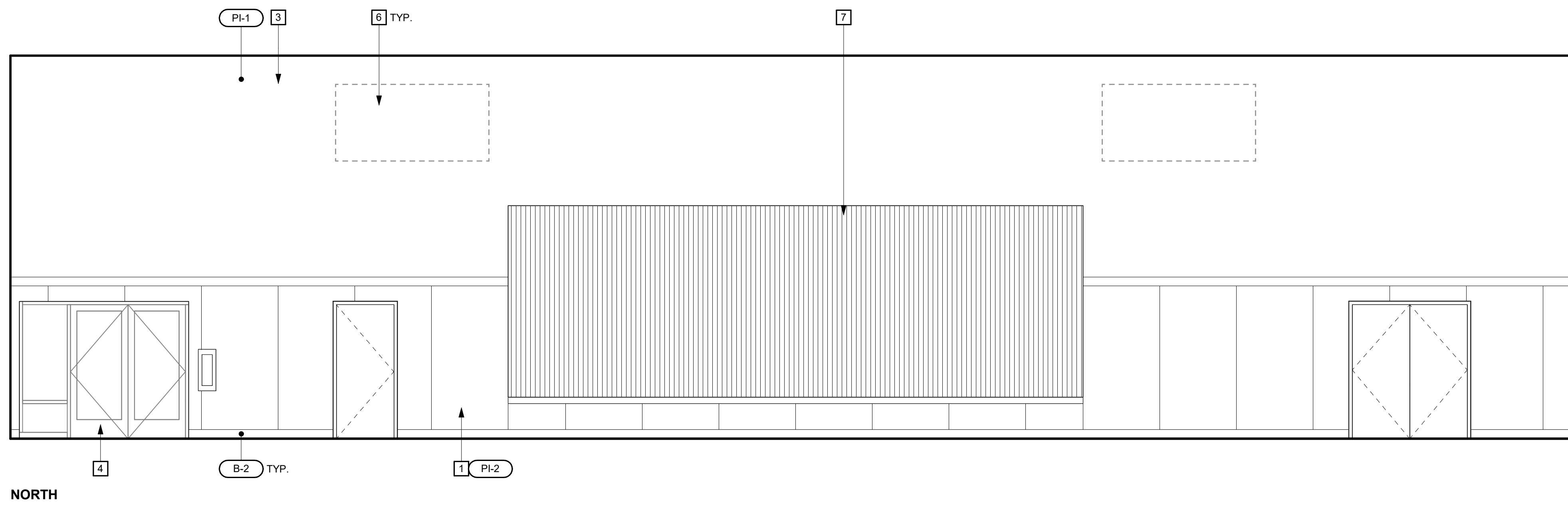


INTERIOR ELEVATIONS - BUILDINGS M

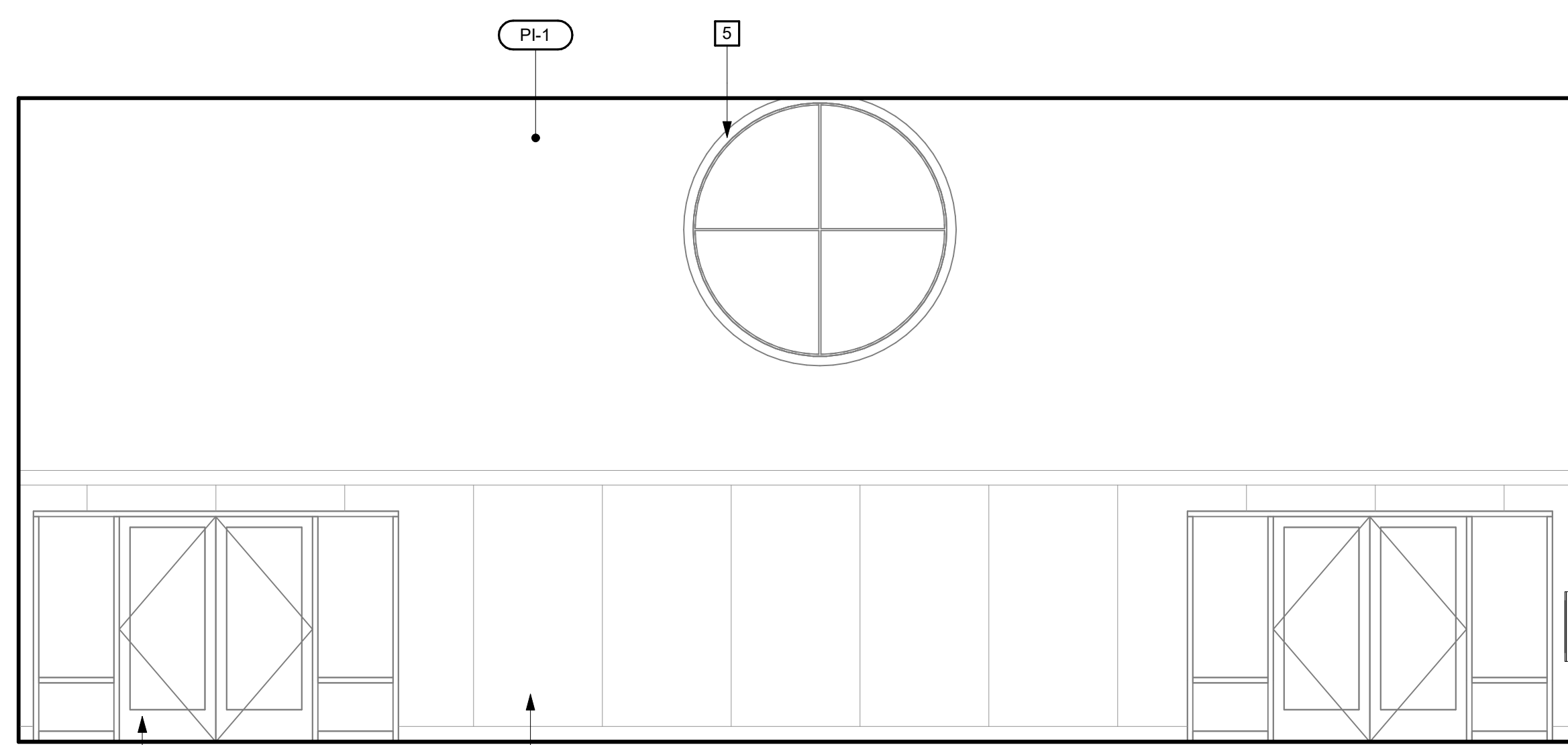
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JOB # 2018045
SHEET #

A12.41

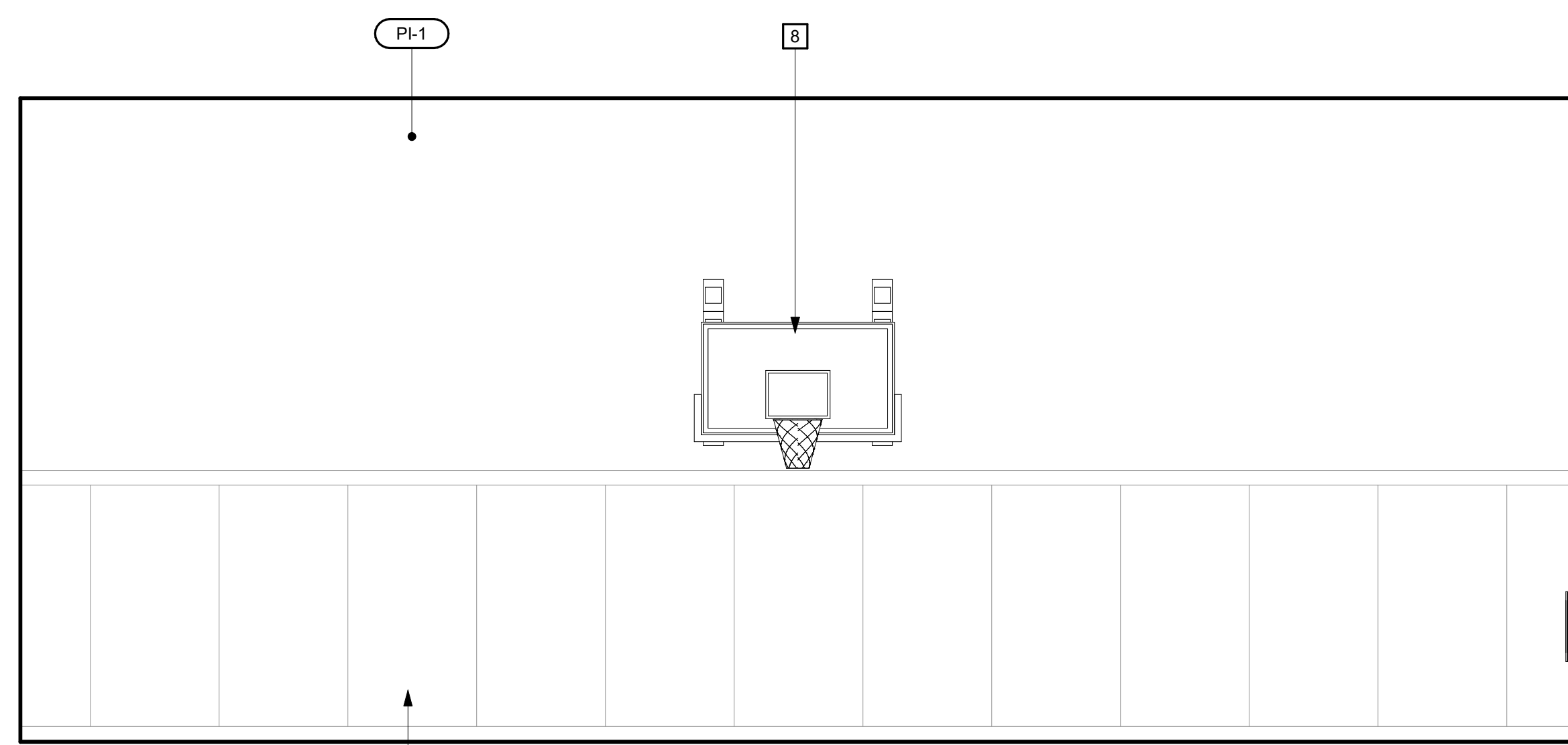
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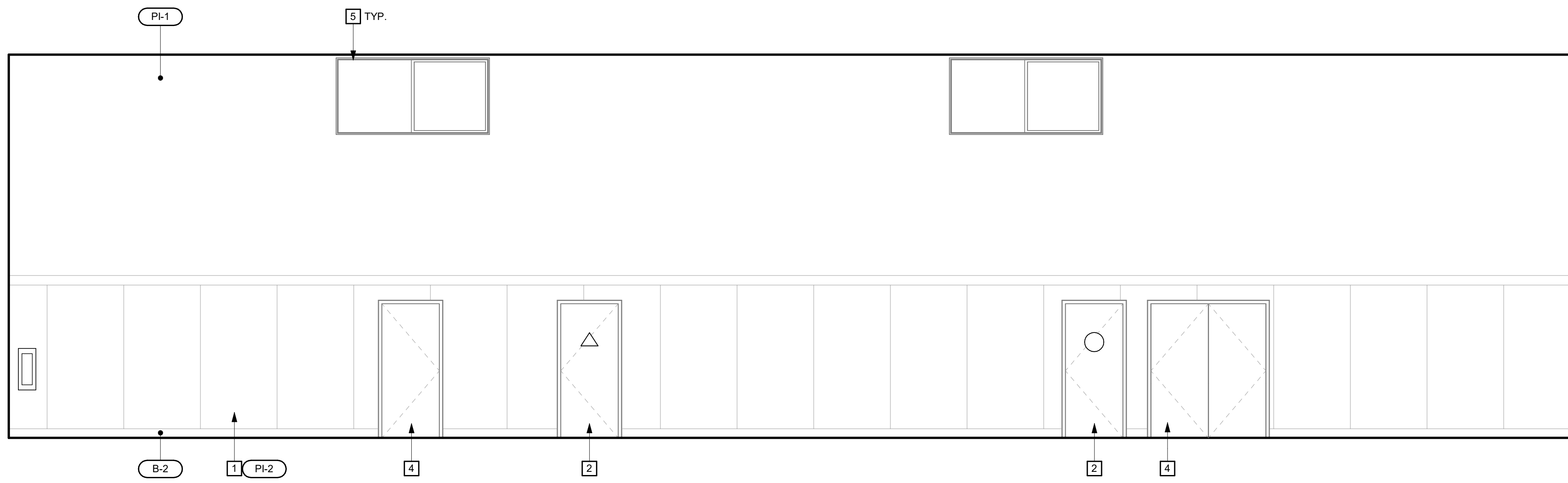
NORTH



EAST



WEST



SOUTH

1 M1 - MULTIPURPOSE
SCALE: 1/4" = 1'-0"

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02-117268 INC.
REVIEWED FOR
SS FLS ACS
DATE: 05/17/2019

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387 S. 1st Street, Suite 300
San Jose, CA 95113
tel: (408)-300-5160
fax: (408)-300-5121

INTERIOR ELEVATION KEYNOTES

- 1 (N) PLYWOOD PANNELLING AND TRIM TO MATCH (E), PAINT PL-2
- 2 (E) DOOR AND FRAME, PROVIDE AND INSTALL (N) SIGNAGE AND PAINT
- 3 (N) 5/8" TYPE X GYP. BD. OVER (E) LAYER OF 5/8" TYPE X GYP. BD. SEE WALL ASSEMBLY FOR MORE INFORMATION
- 4 (E) DOOR AND FRAME, PAINT
- 5 (E) WINDOW FRAME, PAINT
- 6 (N) INFILL FRAMING TO MATCH (E)
- 7 (N) MOTORIZED MOVABLE FIRE WALL
- 8 BASKETBALL HOOP

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT
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STATE

REVISIONS

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1		

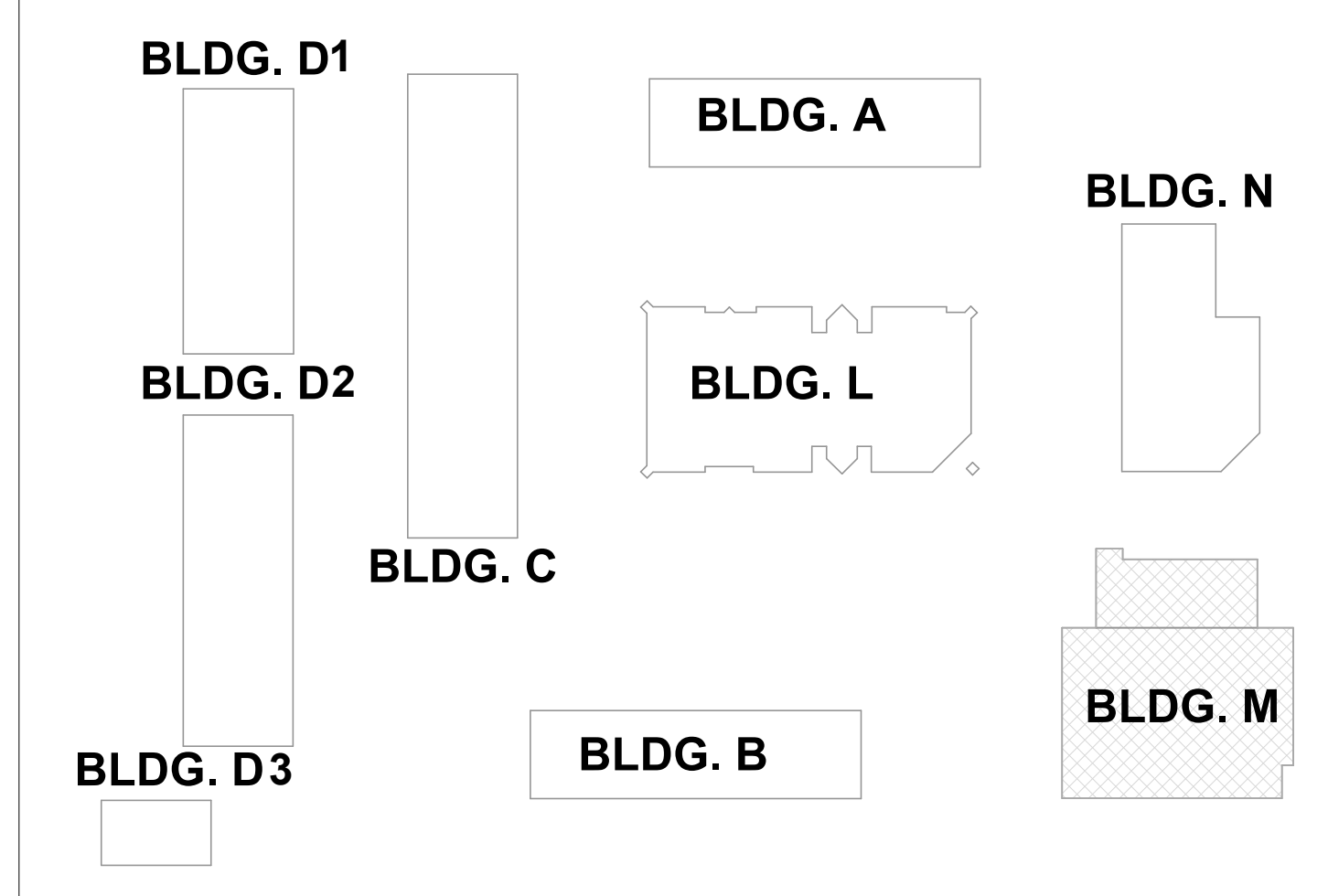
MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019
DSA BC	05/09/2019

SHEET

INTERIOR ELEVATIONS - BUILDINGS M

BUILDING KEY



DATE	05/09/2019
JOB #	2018045
SHEET #	A12.42

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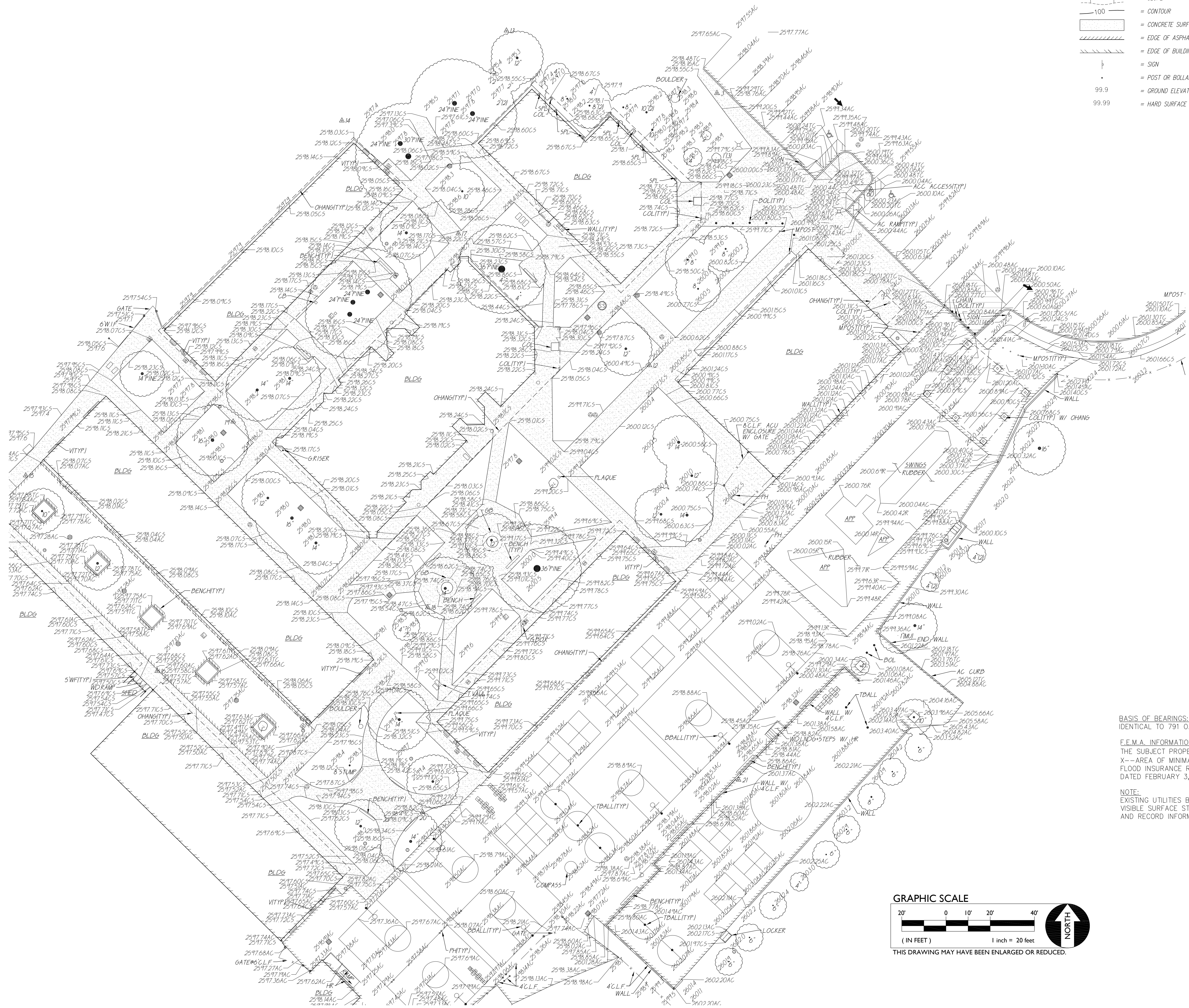
EXISTING TOPOGRAPHY

- = PROPERTY LINE
- - - = CENTERLINE
- - - = EASEMENT
- = PROPERTY CORNER FOUND AS NOTED
- = PROPERTY CORNER NOT FOUND OR SET
- △123 = TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO)
- = SWALE OR DRAINAGE FLOW
- = DRAINAGE FLOW
- = FENCE (TYPE NOTED)
- = TREE (SIZE/TYPED INDICATED)
- = SLOPE
- = CONTOUR
- = CONCRETE SURFACE
- = EDGE OF ASPHALT
- = EDGE OF BUILDING
- = SIGN
- = POST OR BOLLARD
- 99.9 = GROUND ELEVATION
- 99.99 = HARD SURFACE ELEVATION

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

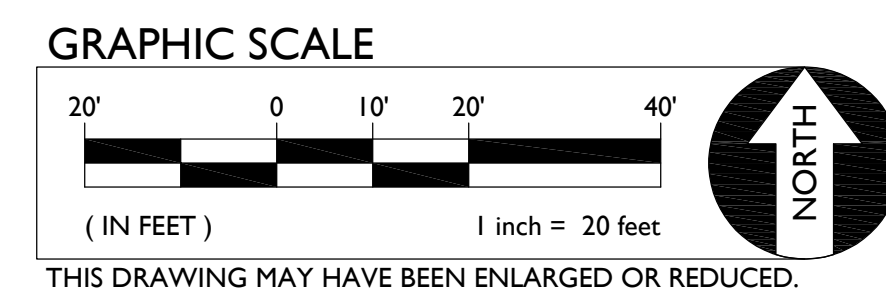
- SP UNKNOWN
- AC ASPHALTIC CONCRETE
- ACC ACCESSIBLE
- ADU AIR CONDITIONING UNIT
- AD AREA DRAIN
- APHN ASSessor's PARCEL NUMBER
- ARV AIR RELEASE VALVE
- EBALL BASKETBALL POLE
- ECM BRASS CAP MONUMENT
- BFP BACK FLOW PREVENTER
- BLD BLOCK
- BLDG BUILDING
- BOL BOLLARD
- BOV BLOW-OFF VALVE
- BR BRICK
- BWF BARBED WIRE FENCE
- C CABINET
- CATV CABLE TELEVISION
- CB COMMUNICATIONS BOX
- CP CORNER POINT SET
- CL CLASS
- CMP CHAIN LINK FENCE
- CO CORRUGATED METAL PIPE
- CO CLEANOUT
- COL COLUMN
- CONC CONCRETE
- CONSTR CONSTRUCTION
- CPF CONTROL POINT FOUND
- CPS CONTROL POINT SET
- CS CONCRETE SURFACE
- D DEPTH
- DDC DETECTOR CHECK VALVE
- DF DRAWING FOUNDATION
- DG DECOMPOSED GRANITE
- DI DROP INLET
- DIA DIAMETER
- DRWY DRIVEWAY
- DS DOWNSPOUT
- DWG DRAWING
- E EDGE OF PAVEMENT
- ESMT EXISTING
- EX EASEMENT
- FA FIRE ALARM
- FDC FIRE DEPARTMENT CONNECTION
- FTE FINISHED FLOOR ELEVATION
- FH FIRE HYDRANT
- FL FLOWING MANHOLE
- FO FIBER OPTIC
- FS FIRE SERVICE
- G GAS
- GB GRADE BREAK
- GRB GROUND ROD BOX
- GRD GRADE ELEVATION
- GRD2 GROUND ROD
- GV GAS VALVE
- HB HOSE BIB
- HBR HEADER BOARD
- HP HIGH PRESSURE
- HR HANDRAIL
- IC CONCRETE
- ICP IRRIGATION CONTROL PANEL
- ICV IRRIGATION CONTROL VALVE
- IKV PIPE INVERT ELEVATION
- IRR IRRIGATION
- JP JOINT UTILITY POLE
- JT JOINT TRENCH
- LF LINEAL FEET
- LVDG LOW VOLTAGE ELECTRIC
- LVE METAL
- M MANHOLE
- MS MON STRIP
- MSC METAL STORAGE CONTAINER
- MULT MULTIPLE
- OH OVERHEAD
- OSHP OPEN SHOWN PIPE
- OSP OLD STEEL POST HOLE
- PA PROPERTY LINE
- PA PLANTER AREA
- PD PLANTER DRAIN
- PH POSTHOLE
- PV POST INDICATOR VALVE
- PP POWER POLE
- PRNG PARROW
- PUE PUBLIC UTILITY EASEMENT
- PVC POLYVINYL CHLORIDE
- R RUBBER
- MANHOLE RIM ELEVATION
- ROW RIGHT OF WAY
- RPP REDUCED PRESSURE BACKFLOW PREVENTER
- RWALL RETAINING WALL
- RWL RAIN WATER LEADER
- SB SIGNAL BOX
- SD STORM DRAIN
- SDM STORM DRAIN MANHOLE
- SG SIGNAL
- SL STREET LIGHT
- SLB STREET LIGHT BOX
- SPL SPLASH BLOCK
- SS SANITARY SEWER
- SSB SANITARY SEWER BOX
- SSCD SANITARY SEWER CLEANOUT
- SSMH SANITARY SEWER MANHOLE
- STD STANDARD
- STL STEEL
- T TELEPHONE
- TBALL TETHER BALL POLE
- TBM TEMPORARY BENCHMARK
- TC TOP OF CURB
- TOP TOP OF WALL
- TP TELEPHONE POLE
- TRW TOP OF RETAINING WALL
- UG UNDERGROUND
- UNK UNKNOWN
- V BALL VOLLEYBALL
- W WATER
- WD WOOD
- WDF WOOD FENCE
- WIF WROUGHT IRON FENCE
- XFRM TRANSFORMER
- XWALK CROSSWALK



BASIS OF BEARINGS:
 IDENTICAL TO 791 O.R. 299

F.E.M.A. INFORMATION:
 THE SUBJECT PROPERTY IS LOCATED IN "ZONE X"—AREA OF MINIMAL FLOOD HAZARD" PER FLOOD INSURANCE RATE MAP 06057C0627E DATED FEBRUARY 3, 2010.

NOTE:
 EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES AND RECORD INFORMATION.

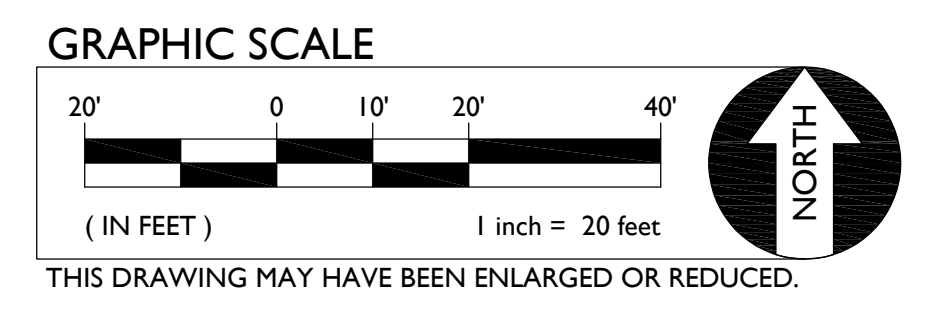
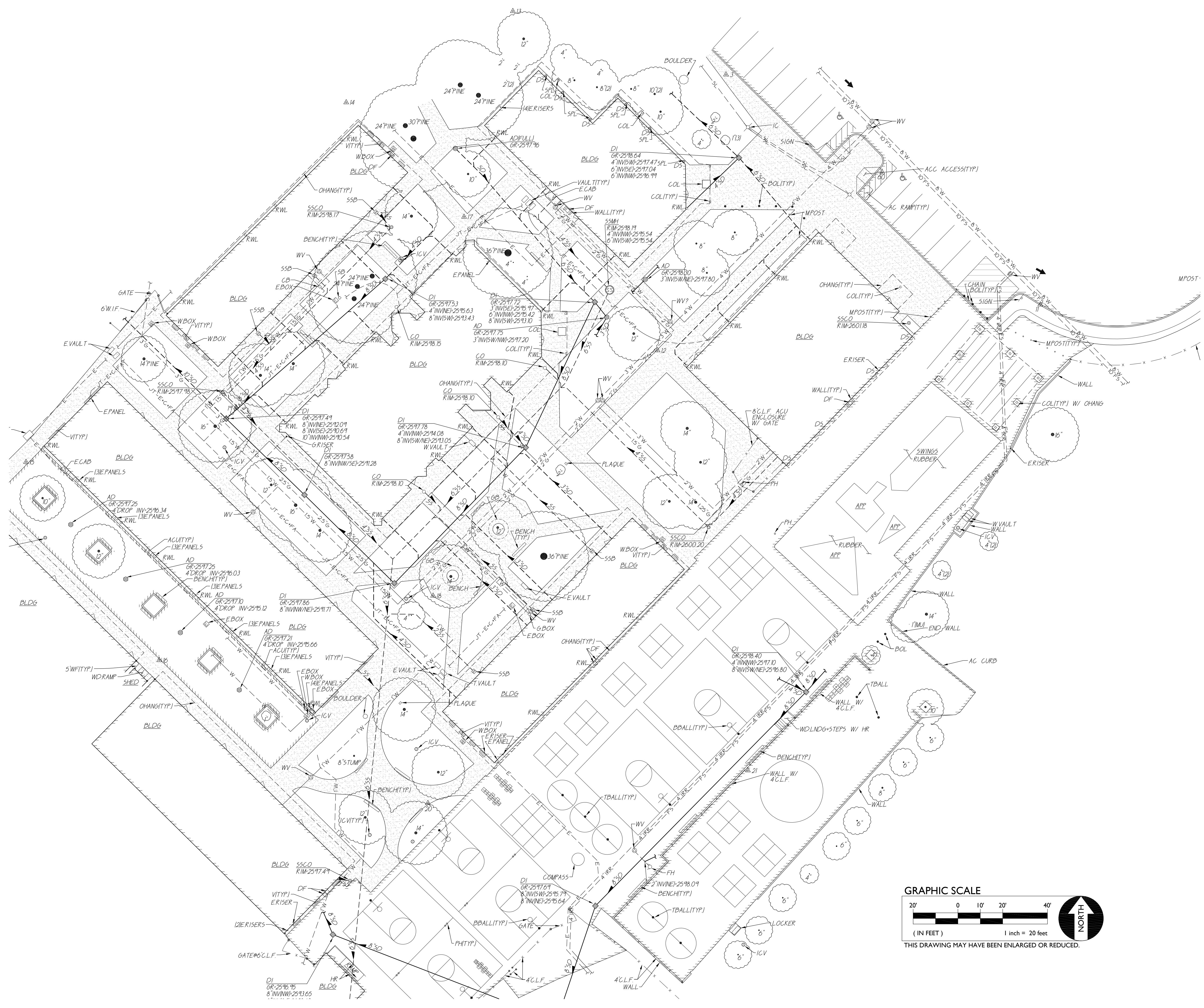


TBM LIST

NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
3	CPF MAG NAIL	5197.14	5013.31	2598.97
11	CPS CHISELED "+"	5094.42	5153.68	2601.02
12	CPS CHISELED "+"	5074.03	4982.74	2600.57
13	CPS CHISELED "+"	5225.44	4918.11	2592.50
14	CPS PICKER	5184.73	4843.66	2597.26
15	CPS CHISELED "+"	5024.14	4700.67	2597.93
16	CPS CHISELED "+"	4935.68	4760.16	2597.59
17	CPS MAG NAIL	5133.63	4896.30	2598.22
18	CPS MAG NAIL	4964.42	4882.47	2598.53
19	CPS CHISELED "+"	5048.55	4794.48	2597.95
20	CPS CHISELED "+"	4871.84	4880.15	2598.61
21	CPS MAG NAIL	4886.44	5023.10	2601.37
50	CPS PICKER	4345.23	5549.45	2561.86
51	CPS PICKER	4167.77	5613.95	2548.10
52	CPF 2" DISC	4161.74	5620.84	2548.21
53	CPF REBAR W/ CAP	3968.14	5625.69	2544.76
56	CPF REBAR	4162.43	5713.22	2546.74
60	CPF MAG NAIL	5153.46	5083.11	2600.08

EXISTING UTILITIES

- 12" SD — = STORM DRAIN LINE (SIZE & DIRECTION OF FLOW)
- - - 12" SD - - - = STORM DRAIN LINE (RECORD INFORMATION)
- - - 12" SD - - - = STORM DRAIN LINE (UNDERGROUND LOCATING)
- ⊙ = STORM DRAIN MANHOLE
- = STORM DRAIN CLEANOUT
- = DROP INLET
- ⊕ = AREA DRAIN
- RWL = RAIN WATER LEADER
- DS = DOWNSPOUT
- 12" SS — = SANITARY SEWER LINE (SIZE & DIRECTION OF FLOW)
- - - 12" SS - - - = SANITARY SEWER LINE (RECORD INFORMATION)
- - - 12" SS - - - = SANITARY SEWER LINE (UNDERGROUND LOCATING)
- ⊙ = STORM DRAIN MANHOLE
- ⊕ = SANITARY SEWER MANHOLE
- = SANITARY SEWER CLEANOUT
- W — = WATER LINE (SIZE INDICATED)
- - - W - - - = WATER LINE (RECORD INFORMATION)
- - - W - - - = WATER LINE (UNDERGROUND LOCATING)
- ⊙ = WATER MANHOLE
- ⊕ = WATER VALVE
- ⊕ = WATER METER
- ⊕ = WATER BOX
- = IRRIGATION CONTROL VALVE
- ⊕ = FIRE HYDRANT
- ⊕ = BACKFLOW PREVENTER
- ⊕ = SPRINKLER
- ⊕ = HOSE BIBB
- OH-E — = OVERHEAD ELECTRIC LINE
- E — = UNDERGROUND ELECTRIC LINE
- - - E - - - = UNDERGROUND ELECTRIC LINE (RECORD INFORMATION)
- - - E - - - = UNDERGROUND ELECTRIC LINE (UNDERGROUND LOCATING)
- ⊙ = ELECTRIC MANHOLE
- U — = UTILITY POLE (WITH GUY WIRE)
- ⊕ = ELECTRIC METER
- ⊕ = ELECTRIC BOX
- ⊕ = STREET LIGHTING BOX
- ⊕ OR ⊕ = LIGHT STANDARD
- ⊕ = SIGNAL LIGHT
- ⊕ = FLOOD LIGHT
- ⊕ = ELECTRICAL OUTLET
- G — = GAS LINE (SIZE INDICATED)
- - - G - - - = GAS LINE (RECORD INFORMATION)
- - - G - - - = GAS LINE (UNDERGROUND LOCATING)
- ⊙ = GAS MANHOLE
- ⊕ = GAS VALVE
- ⊕ = GAS METER
- T — = TELEPHONE LINE
- - - T - - - = TELEPHONE LINE (RECORD INFORMATION)
- - - T - - - = TELEPHONE LINE (UNDERGROUND LOCATING)
- ⊕ = STORM DRAIN BOX
- ⊕ = TRAFFIC SIGNAL BOX



PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
 GRASS VALLEY SCHOOL DISTRICT

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No.	Description	Date
1		

MILESTONES

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90% CD	
DSA SUB	01/11/2019

SHEET

UTILITY SURVEY

DATE: 05/03/2019

JOB #: 2018045

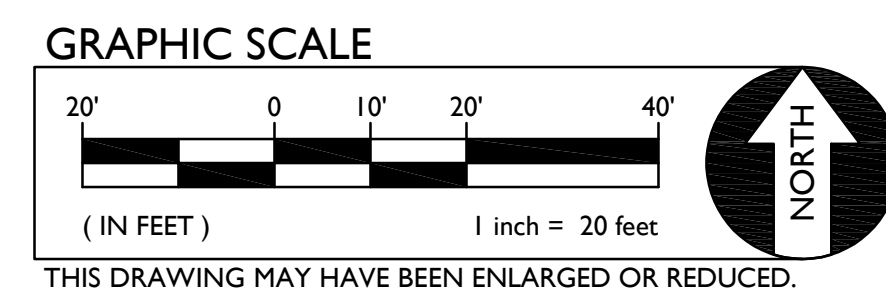
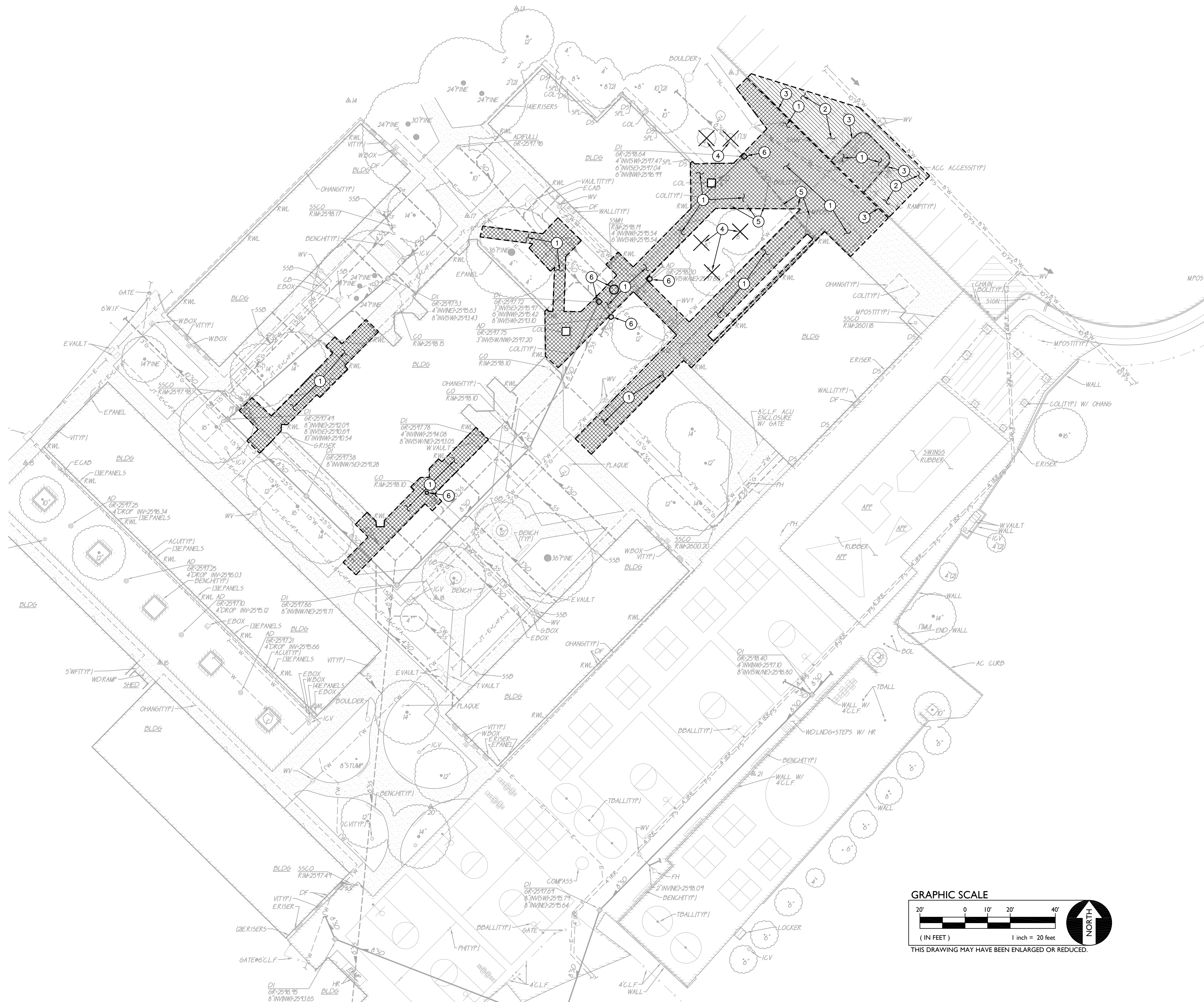
SHEET #

C0.3

DEMOLITION NOTES

1. SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
2. SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT, STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT EDGE UNTIL NEW PAVING IS PLACED.
3. REMOVE AND DISPOSE OF EXISTING CONCRETE CURB
4. REMOVE AND DISPOSE OF EXISTING TREE, ASSOCIATED ROOTS AND STUMP.
5. REMOVE AND DISPOSE OF EXISTING BOLLARD AND ASSOCIATED FOOTINGS.
6. REFER TO SHEET C2.1 FOR REQUIRED UTILITY STRUCTURE DEMOLITION.

NOTE: ANY TURF DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED WITH SOD. ANY BARK/MULCH REMOVED/DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND.



THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019

Grass Valley School District
 GRASS VALLEY SCHOOL DISTRICT

CONSULTANT

WCE
 WARREN CONSULTING ENGINEERS, INC.
 110 WINDFALL WAY, SUITE 10
 EL DORADO HILLS, CA 95762 (916) 966-1870

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SHEET
DEMOLITION PLAN

DATE 05/03/2019
 JOB # 2018045
 SHEET # **C1.1**

SUBGRADE PREPARATION



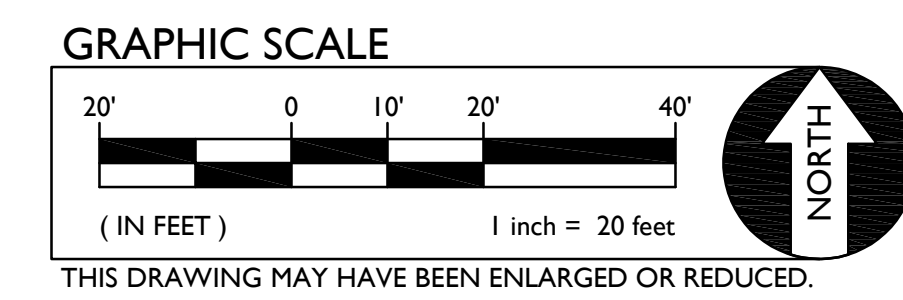
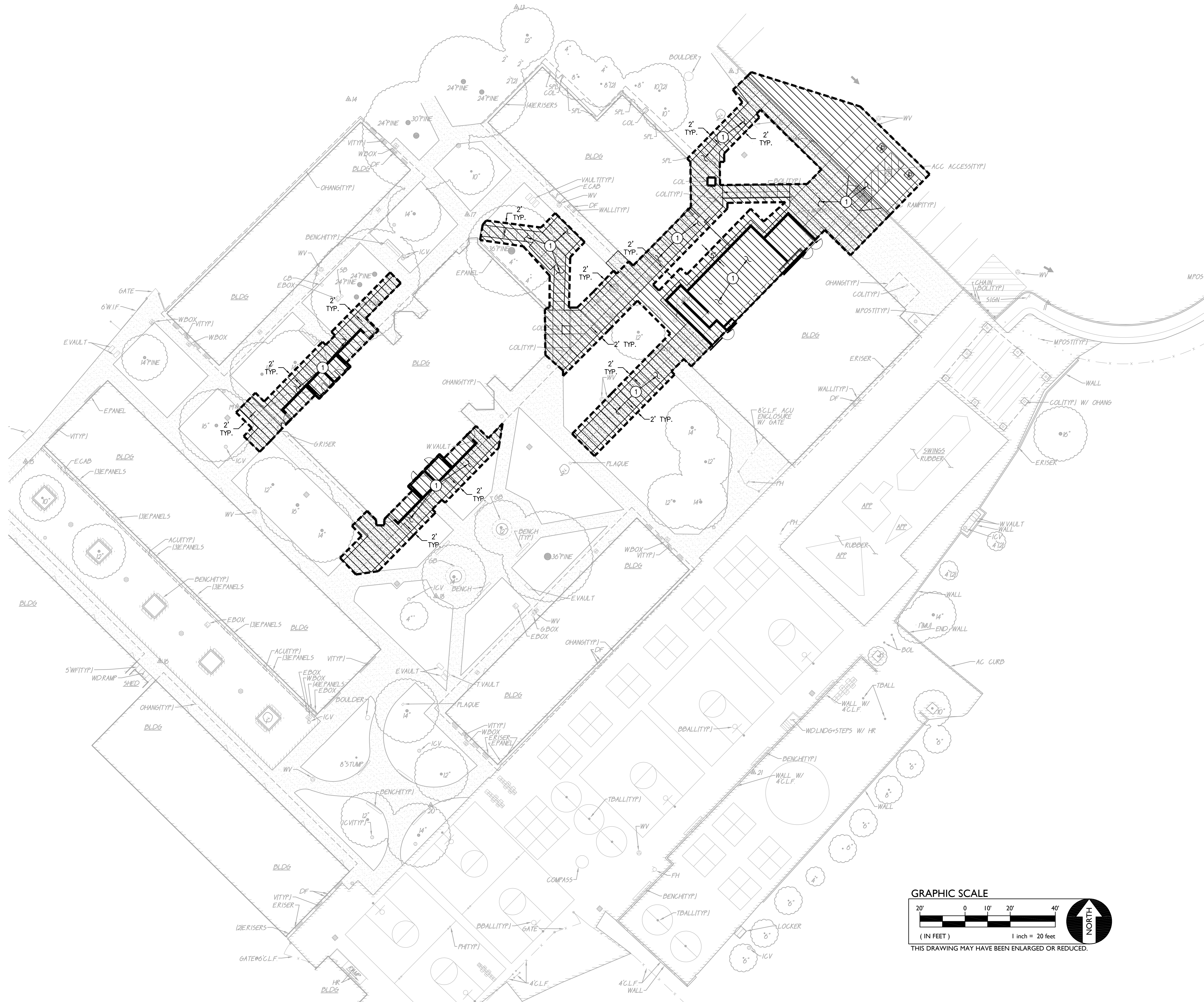
1 FOLLOWING SITE CLEARING ACTIVITIES, THE EXPOSED SURFACE SOILS, INCLUDING SURFACES TO RECEIVE FILL, SHALL BE SCARIFIED TO A DEPTH OF AT LEAST 12 INCHES, THOROUGHLY MOISTURE CONDITIONED TO AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT AND COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION. RELATIVE COMPACTION SHALL BE BASED ON THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH THE ASTM D1557. SUBGRADE PREPARATION OPERATIONS SHALL EXTEND AT LEAST 2 FEET BEYOND THE LIMITS OF PAVING WHEN NOT ABUTTING EXISTING PAVING OR BUILDING AND 5 FEET BEYOND THE EDGE OF PERIMETER FOUNDATIONS..

ENGINEERED FILL CONSISTING OF NATIVE OR IMPORT MATERIALS SHALL BE PLACED IN LIFTS NOT EXCEEDING 6 INCHES IN COMPACTED THICKNESS, WITH EACH LIFT BEING THOROUGHLY MOISTURE CONDITIONED TO AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT AND UNIFORMLY COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION.

THE UPPER 8 INCHES OF SUBGRADE SUPPORTING ASPHALT PAVING SHALL BE UNIFORMLY COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AT A MOISTURE CONTENT OF AT LEAST 2 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT, REGARDLESS OF WHETHER FINAL GRADE IS ESTABLISHED BY EXCAVATION, ENGINEERED FILL OR LEFT AT GRADE.

GENERAL NOTES

1. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
2. NO BURNING SHALL BE PERMITTED.
3. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLAN WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.



PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



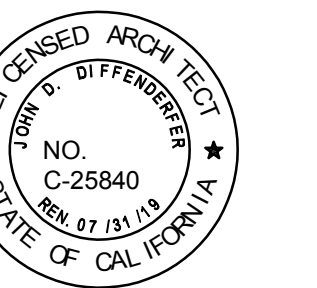
Grass Valley School District

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No. Description Date



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DSA SUB	01/11/2019

SHEET

ENGINEERED FILL PLAN

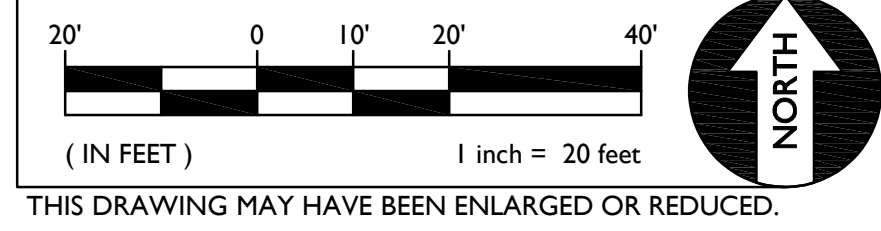
DATE 05/03/2019

JOB # 2018045

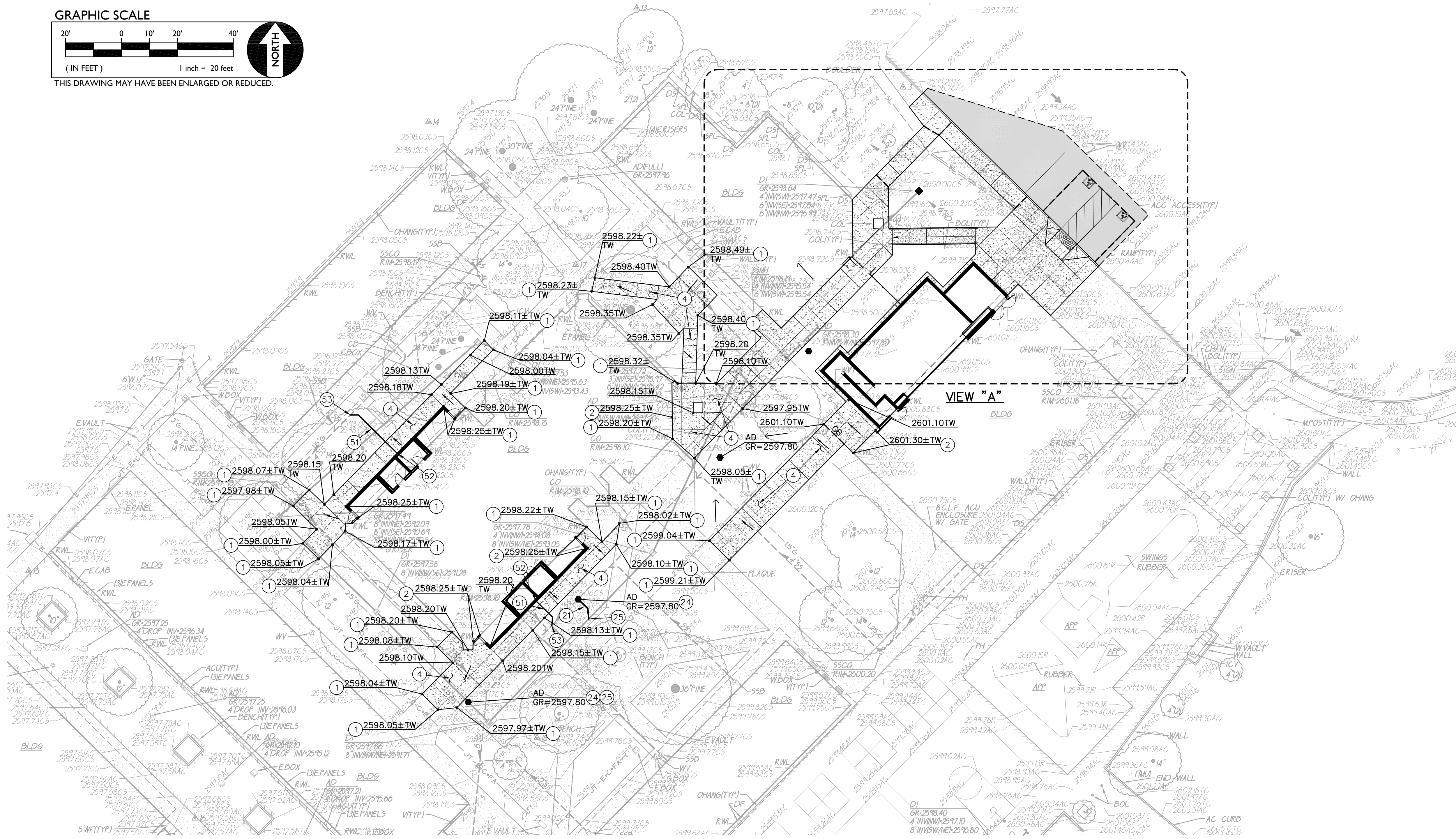
SHEET #

C1.2

GRAPHIC SCALE

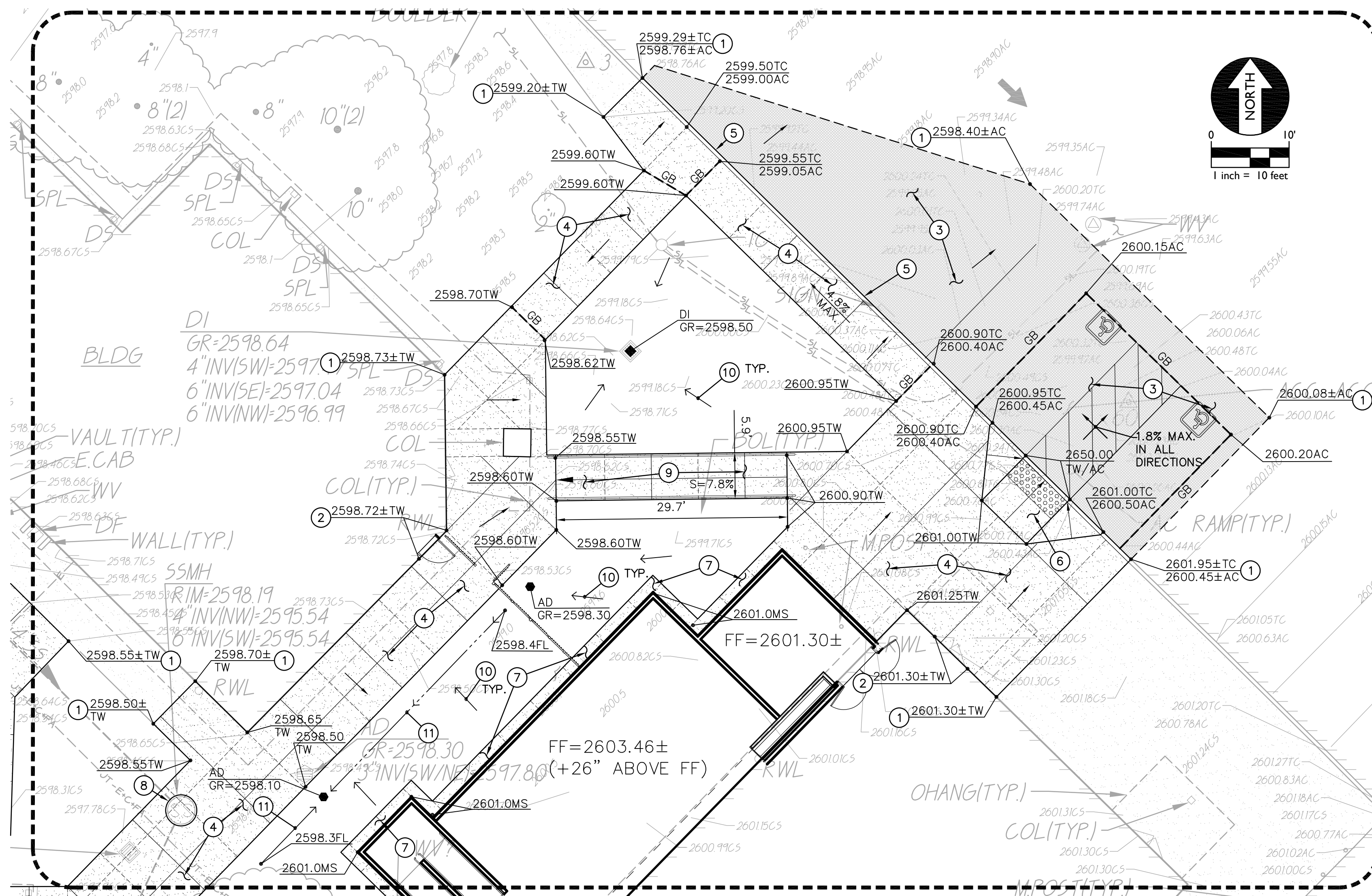


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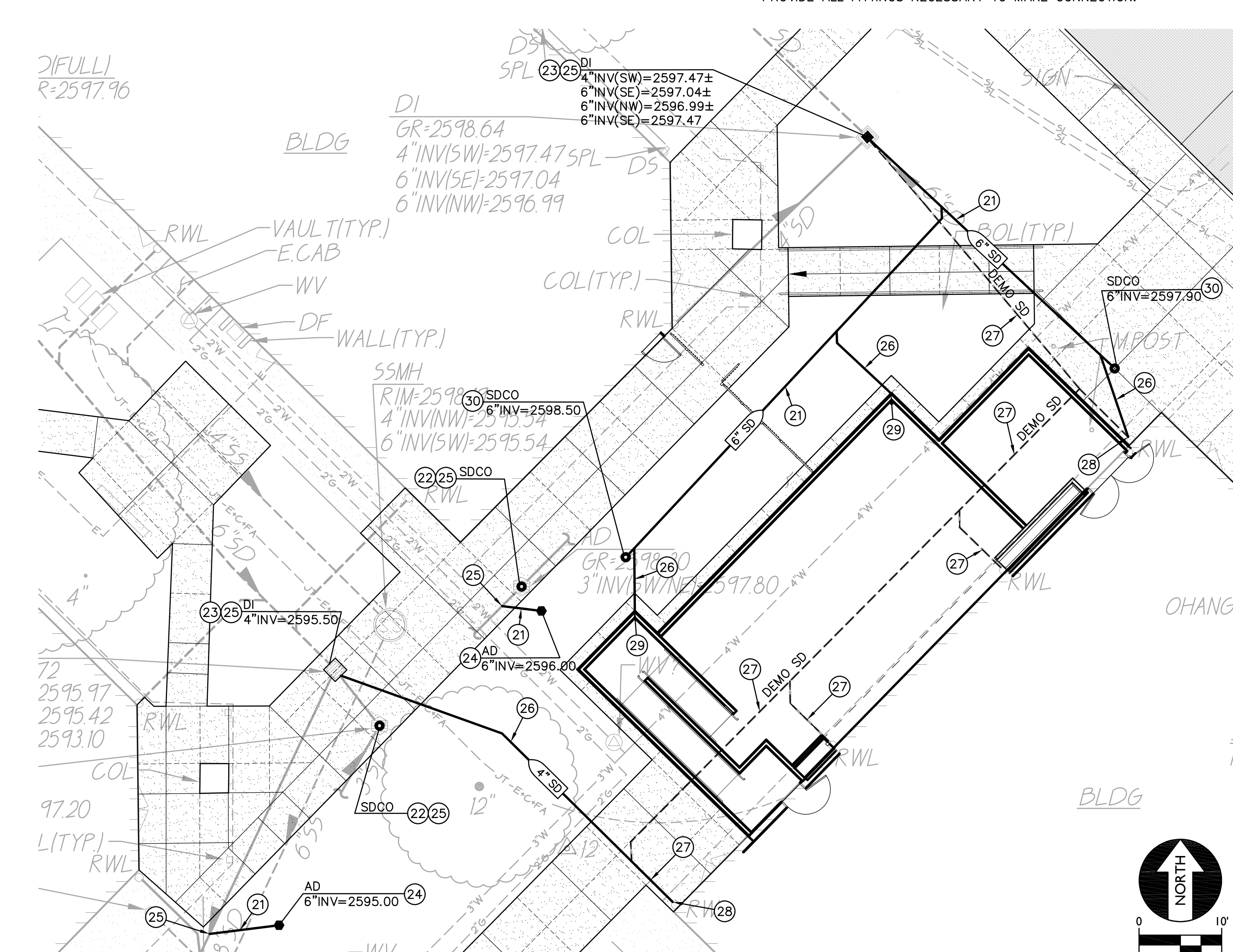
GRADING AND DRAINAGE PLAN

SCALE: 1"=20'



GRADING PLAN - VIEW "A"

SCALE: 1"=10'



PARTIAL DRAINAGE PLAN

SCALE: 1"=10'

ACCESSIBILITY NOTES:

- FOR ACCESSIBLE PATH OF TRAVEL REQUIREMENTS SEE ARCHITECTURAL SHEETS.
- WITHIN THE LIMITS OF ACCESSIBLE PARKING AREA THE SLOPE OF PAVEMENT SHALL NOT EXCEED 1.8% IN ANY DIRECTION.
- THE CROSS SLOPE OF ALL PROPOSED CONCRETE WALKWAYS SHALL NOT EXCEED 1.8%.

GRADING NOTES

- MATCH EXISTING GRADE/ELEVATION.
- PROPOSED SIDEWALK SHALL MEET FLUSH WITH EXISTING FINISH FLOOR ELEVATION.
- PLACE 3" AC OVER 12" AB ON SUBGRADE COMPACTED PER SPECIFICATIONS AND ENGINEERED FILL PLAN.
- PLACE 5" PCC W/#4 BARS @ 24" O.C.E.W. OVER 4" AB ON SUBGRADE COMPACTED PER SPECIFICATIONS AND ENGINEERED FILL PLAN.
- CONSTRUCT CONCRETE CURB PER (2) C4.1
- CONSTRUCT CURB RAMP PER (3) C4.1
- CONSTRUCT 18" CONCRETE BAND PER (7) C4.1
- ADJUST SEWER MANHOLE TO PROPOSED GRADE.
- CONSTRUCT CONCRETE ACCESSIBLE RAMP PER (4) C4.1
- GRADE UNIFORMLY TO INLET AND/OR SWALE.
- CONSTRUCT SWALE.

NOTE: ANY TURF DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED WITH SOD. ANY BARK/MULCH REMOVED/DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND.

DRAINAGE NOTES

- PLACE 6" STORM DRAIN PER (8) C4.1
- REMOVE EXISTING AREA DRAIN BOX AND PLACE CLEANOUT PER (9) C4.1
- REMOVE EXISTING DROP INLET AND PROVIDE NEW DROP INLET PER (10) C4.1
- CONSTRUCT AREA DRAIN PER (11) C4.1
- CONNECT TO EXISTING STORM DRAIN. POTHOLE AND FIELD VERIFY EXISTING DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING.
- PLACE 4" STORM DRAIN PER (8) C4.1
- REMOVE AND DISPOSE OF EXISTING STORM DRAIN PIPE TO EXTENT SHOWN.
- CONNECT TO EXISTING ROOF DRAIN. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
- CONNECT TO PROPOSED ROOF DRAIN. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
- PLACE STORM DRAIN CLEANOUT PER (9) C4.1

SEWER NOTES

- PLACE 4" SEWER PER (8) C4.1
- CONNECT TO BUILDING SEWER SERVICE. REFER TO PLUMBING PLANS FOR EXACT LOCATION AND DEPTH PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
- CONNECT TO EXISTING SEWER PIPE. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 02-117268 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/17/2019

aedis
architects

www.aedisarchitects.com
 387 S. 1st Street, Suite 300
 San Jose, CA 95113
 tel: (408) 300-5160
 fax: (408) 300-5121

PROJECT
**MARGARET
 SCOTTEN ES
 MODERNIZATION
 2019**



Grass Valley
School District

GRASS VALLEY SCHOOL
DISTRICT

CONSULTANT



WARREN CONSULTING ENGINEERS, INC.
 110 WINDFELT WAY, SUITE 100
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SHEET
**GRADING AND
 UTILITY PLAN**

DATE
 05/03/2019
 JOB #
 2018045
 SHEET #

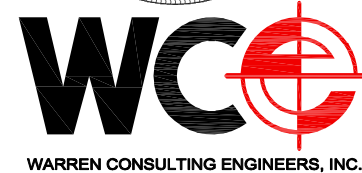
C2.1



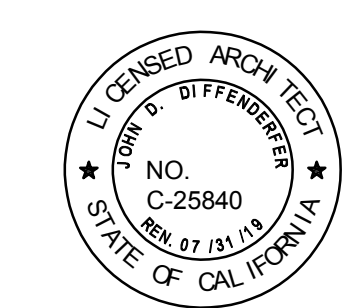
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SHEET
**EROSION
 CONTROL PLAN**

DATE 05/03/2019
 JOB# 2018045
 SHEET#

C3.1

LEGEND **EROSION CONTROL NOTES**

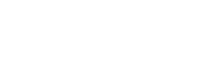
NOTE: EXACT LOCATION WILL BE COORDINATED BY CONTRACTOR.



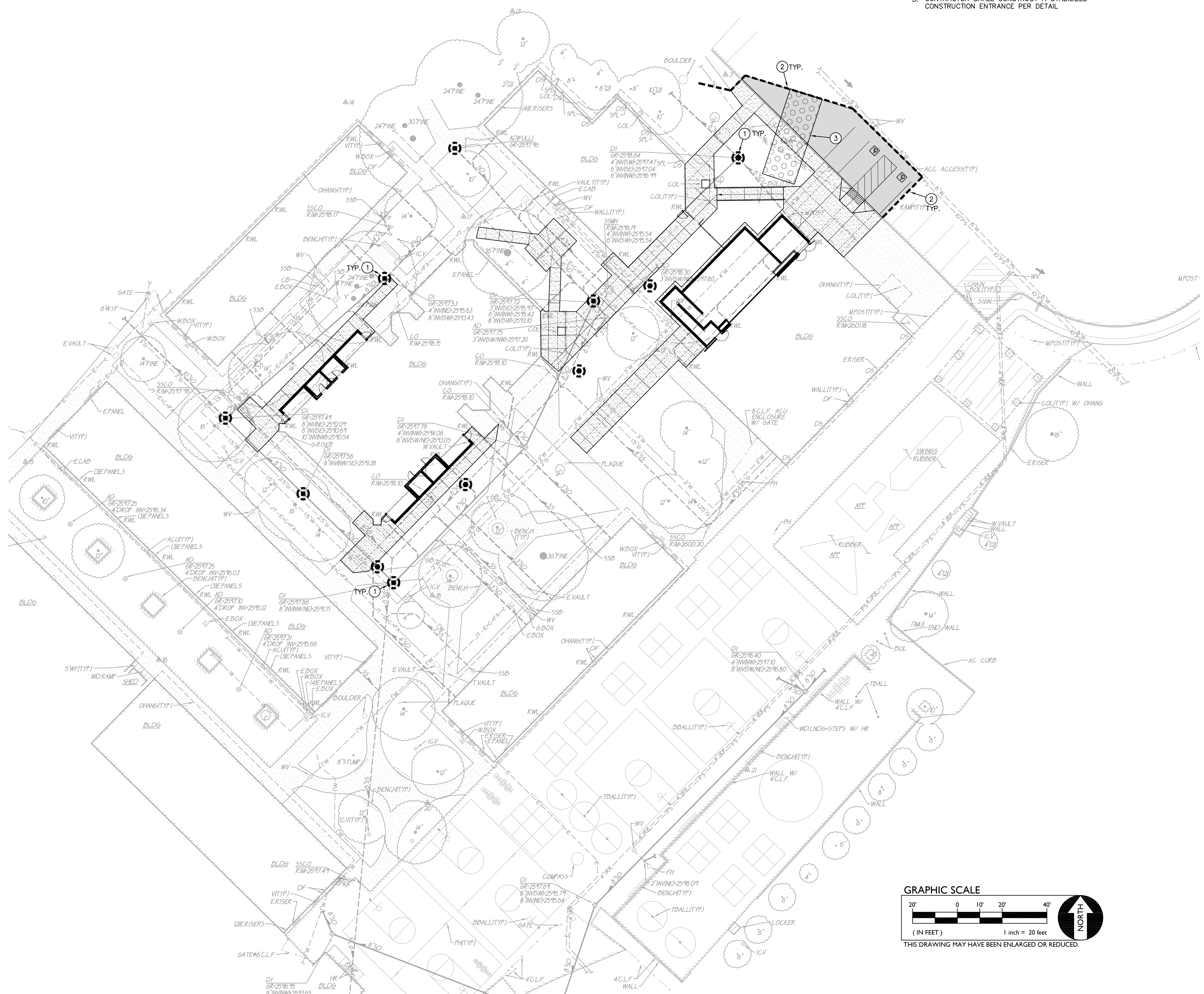
1. CONTRACTOR SHALL PROVIDE STRAW WATTLE BARRIER AT ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF ON-SITE WORK PER THE DETAIL PROVIDED. IN ADDITION TO WATTLE, PROVIDE FILTER BAG AT EACH INLET. STRAW WATTLES NOT REQUIRED AT INLETS IN PAVED AREAS, ONLY FILTER BAG.



2. CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE PER DETAIL.

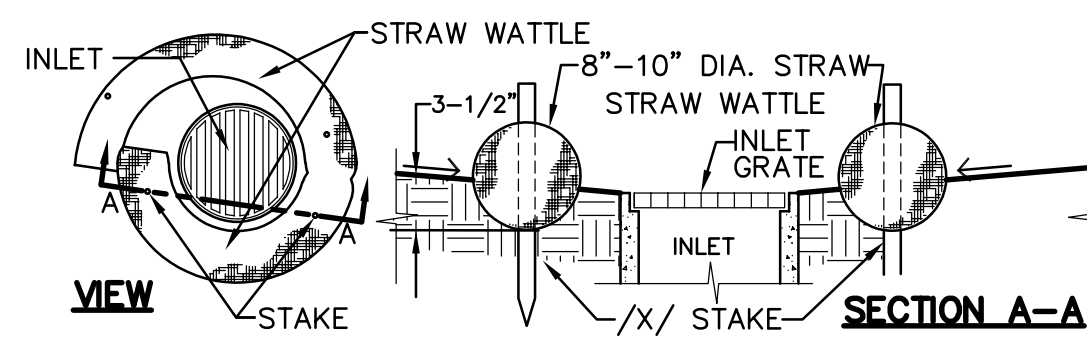


3. CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE PER DETAIL.



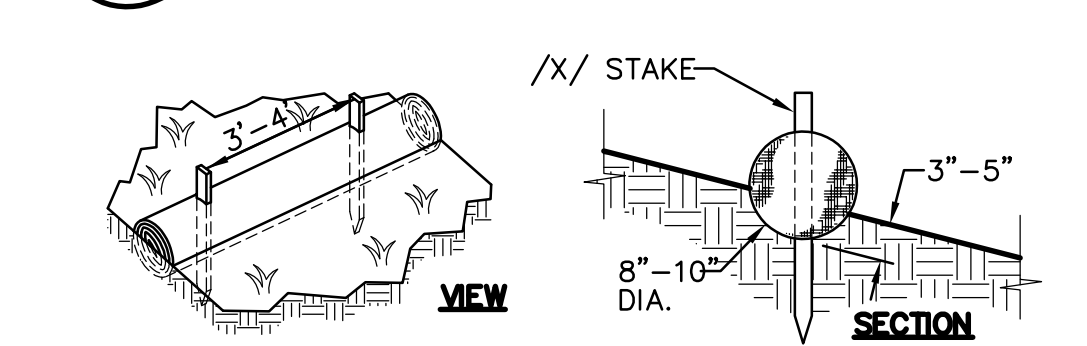
EROSION AND SEDIMENT CONTROL GENERAL NOTES

- IF CERTAIN SOIL TYPES (E.G. COLLOIDAL SOILS) ARE DETECTED, THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL TREATMENT MEASURES PRIOR TO DISCHARGE.
- CONTRACTOR IS RESPONSIBLE FOR THE DEWATERING AND REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES JUST PRIOR TO THE COMMENCING OF THE FINAL GRADING AND PAVING OPERATIONS. ONLY CLEAR WATER IS TO BE DISCHARGED INTO THE EXISTING DRAINAGE SYSTEM. IF PUMPING IS NECESSARY, FILTERS WILL BE REQUIRED TO ENSURE THAT ONLY CLEAR WATER IS DISCHARGED FROM THE SITE. THE CONTRACTOR SHALL VERIFY THE DISCHARGE POINT WITH THE COUNTY INSPECTOR. THE CONTRACTOR SHALL VERIFY THAT THE POINT OF DISCHARGE CAN HANDLE THE VELOCITY AND QUANTITY OF FLOW.
- CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE SITE TO MINIMIZE DUST CREATION DURING CONSTRUCTION.
- PRIOR TO PLACEMENT OF LANDSCAPING AND/OR FINISHED GROUND SEEDING, REMOVE TEMPORARY EROSION CONTROL MEASURES (STRAW WATTLE FENCE AND TRACKED LOOSE STRAW).
- CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD REQUIREMENTS.
- ALL MATERIALS STORED ON-SITE SHALL HAVE PROPER ENCLOSURES AND/OR COVERINGS.
- CONTRACTOR SHALL MAINTAIN ALL WATTLE OR SILT FENCES AND OTHER STORM WATER POLLUTION PREVENTION DEVICES THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES WEEKLY AS WELL AS BEFORE, DURING, AND AFTER A STORM EVENT. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL AND POLLUTION PREVENTION DEVICES AT THE END OF CONSTRUCTION AS REQUIRED. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN CONSTRUCTION FENCING THROUGHOUT THE PROJECT. THIS FENCING SHALL DETER CHILDREN AND NON-CONSTRUCTION RELATED PERSONNEL FROM ENTERING THE CONSTRUCTION SITE AREA TO THE GREATEST POSSIBLE EXTENT. THE CONTRACTOR SHALL COORDINATE THIS FENCING LAYOUT WITH SCHOOL DISTRICT PERSONNEL PRIOR TO ANY FENCING PLACEMENT SO AS TO NOT SIGNIFICANTLY INTERFERE WITH SCHOOL OPERATION.
- CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED THROUGH THE SCHOOL AND ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.
- ALL DISTURBED AREAS NOT BEING PAVED/LANDSCAPED, SHALL BE HYDROSEEDDED.
- EROSION CONTROL MEASURES TO BE PLACED ON ALL EXPOSED AREAS DISTURBED BY CONSTRUCTION PRIOR TO ANY RAIN EVENT, I.E. BLANKETS, SOIL STABILIZERS, ETC.



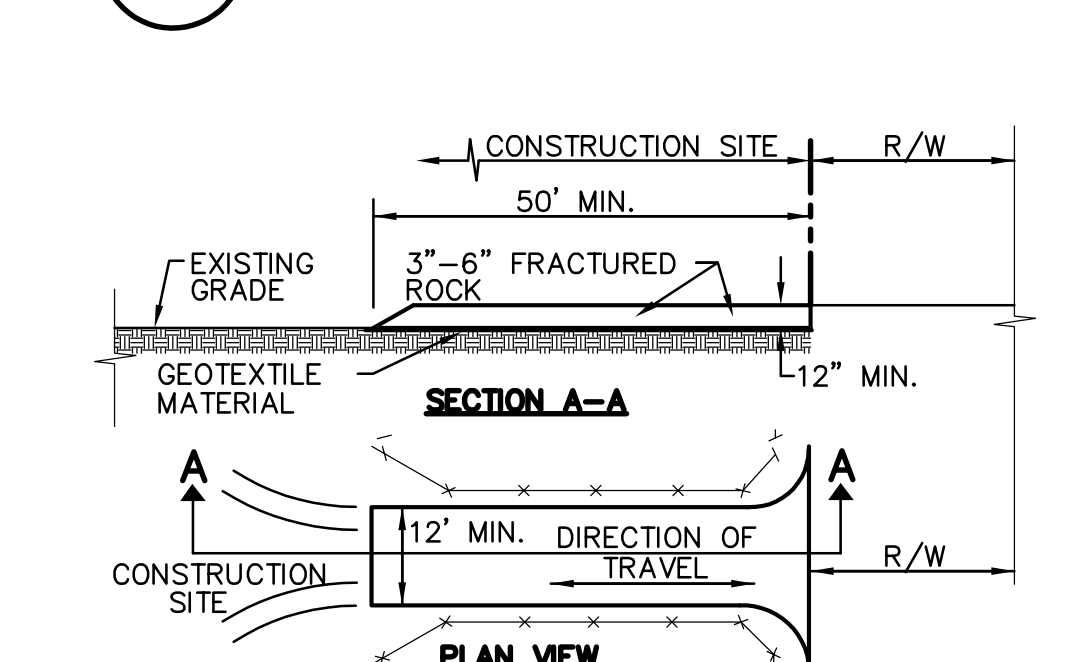
NOTE: STRAW WATTLE INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE WATTLE IN A TRENCH, 3-1/2" DEEP, DIG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

1 STRAW WATTLE INLET FILTER
 C3.1 NO SCALE



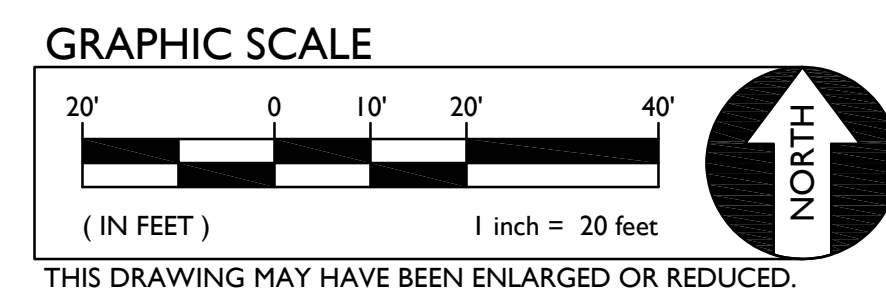
NOTE: STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" DEEP, DIG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

2 STRAW ROLLS
 C3.1 NO SCALE



- NOTES:
- STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 3"-6" ANGULAR ROCK MATERIAL CONFORMING TO SECTION 26 OF STATE SPECIFICATIONS PLACED OVER GEOTEXTILE MATERIAL. ROCK SHALL BE PLACED TO A MINIMUM THICKNESS OF SIX INCHES. THE METHOD OF PLACING, SPREADING AND COMPACTING ROCK SHALL CONFORM TO SECTION 26 OF THE STATE SPECIFICATIONS.
 - LENGTH OF SITE ACCESS SHALL BE A MINIMUM LENGTH OF FIFTY FEET. WIDTH SHALL BE A MINIMUM WIDTH OF TWELVE FEET OR AS NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS.
 - THE SITE ACCESS SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING.

3 STABILIZED CONSTRUCTION SITE ACCESS
 C3.1 NO SCALE



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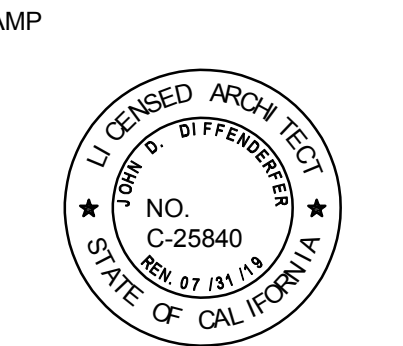
GRASS VALLEY SCHOOL DISTRICT

CONSULTANT



WARREN CONSULTING ENGINEERS, INC.
 110 WINDFELT WAY, SUITE 110
 EL DORADO HILLS, CA 95762 (916) 988-1870

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DETAILS AND SECTIONS

DATE

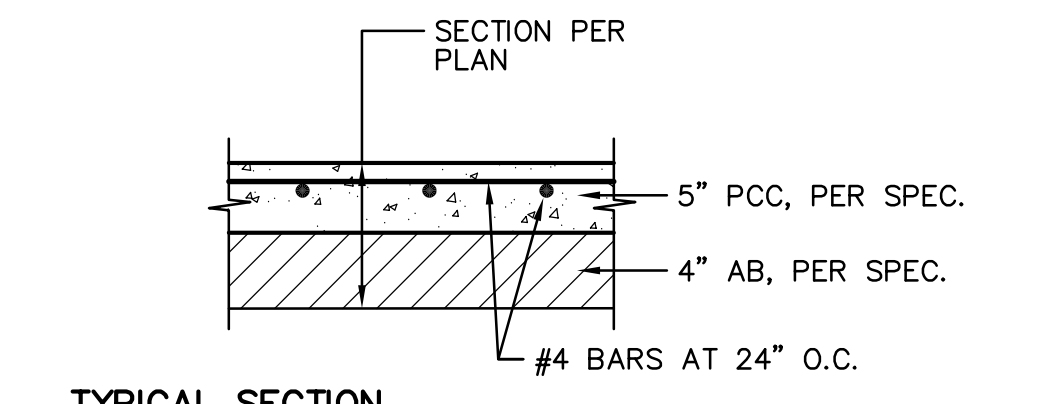
05/03/2019

JOB #

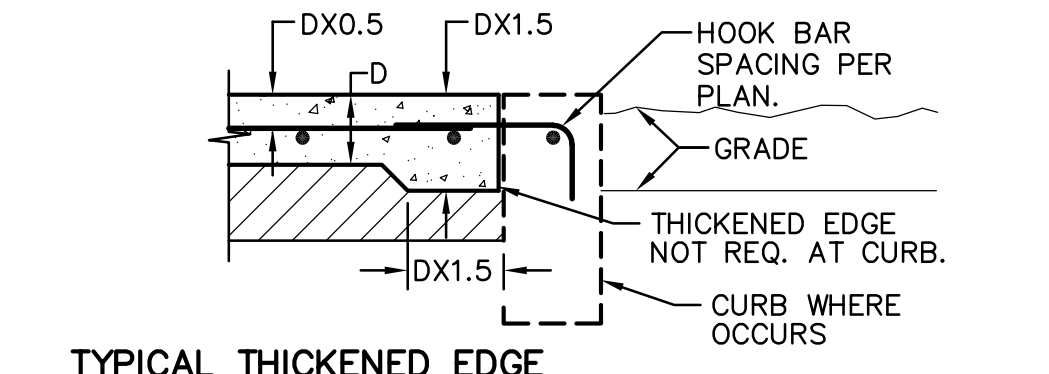
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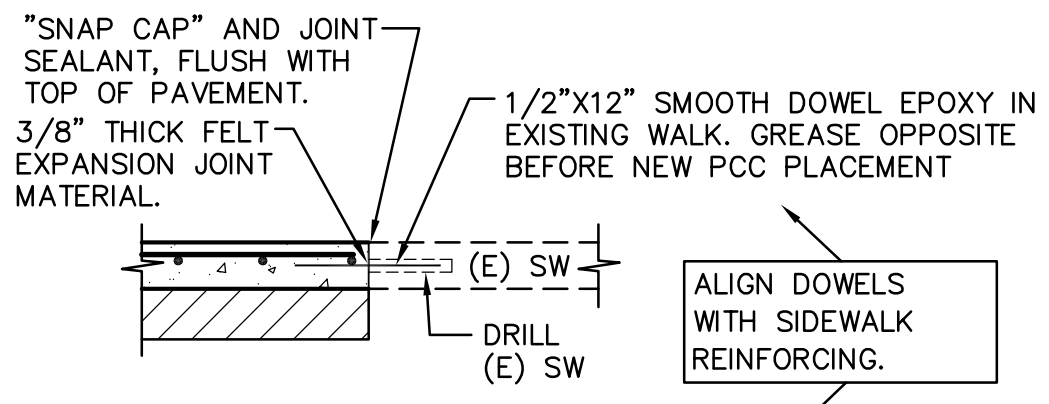
C4.1



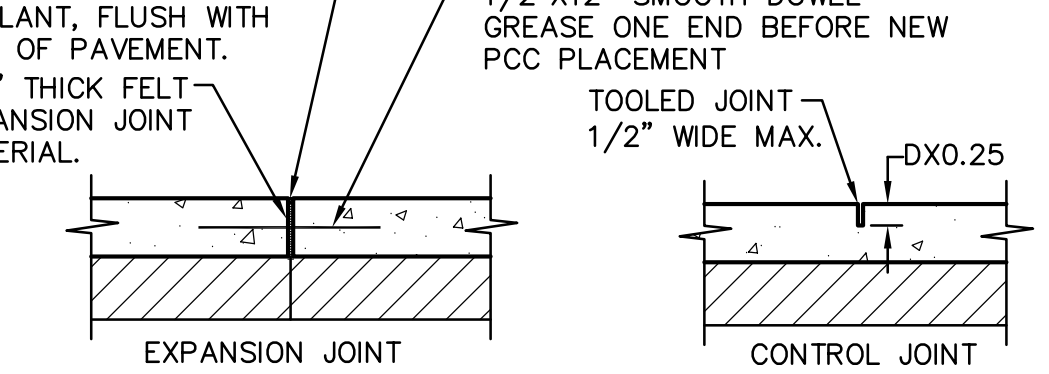
TYPICAL SECTION



TYPICAL THICKENED EDGE



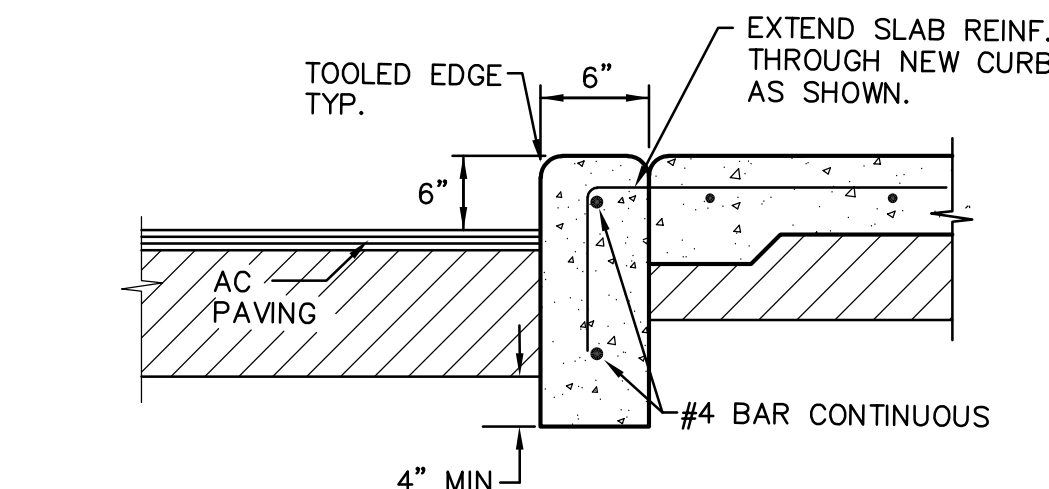
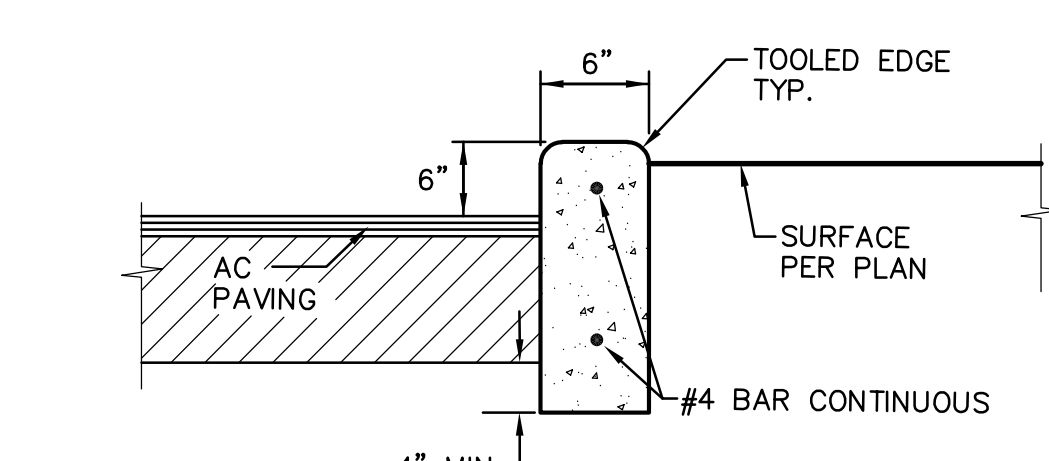
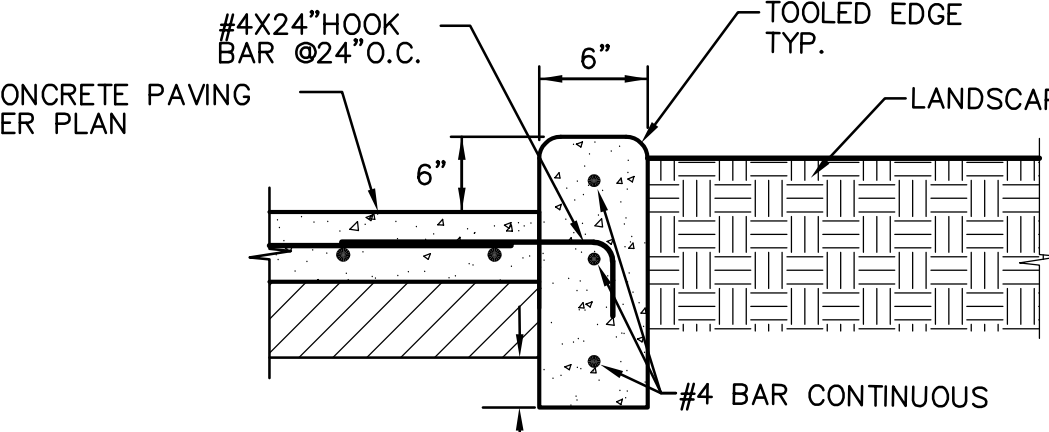
CONNECTION TO (E) CONCRETE



TYPICAL JOINTS

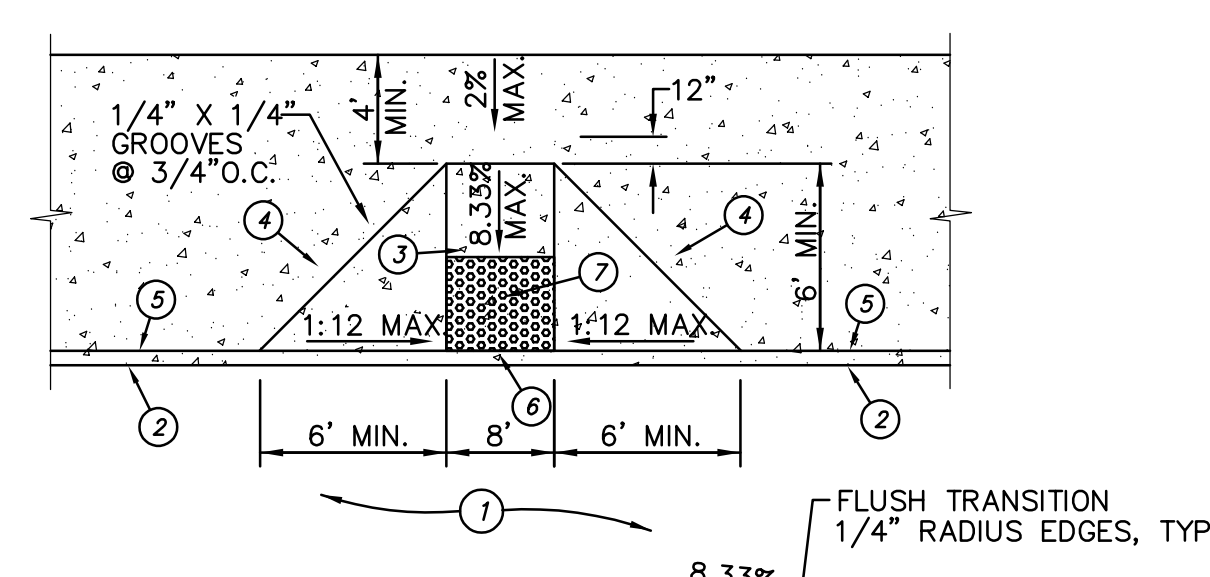
- NOTES:
1. PROVIDE FELT EXPANSION JOINTS AT 18 FEET O.C. MIN.
 2. PROVIDE CONTROL JOINTS AT 6 FEET O.C. MIN.
 3. EXPANSION OR CONTROL JOINTS SHALL NOT EXCEED 1/2" IN SURFACE WIDTH.

1 C4.1 CONCRETE SIDEWALK NO SCALE



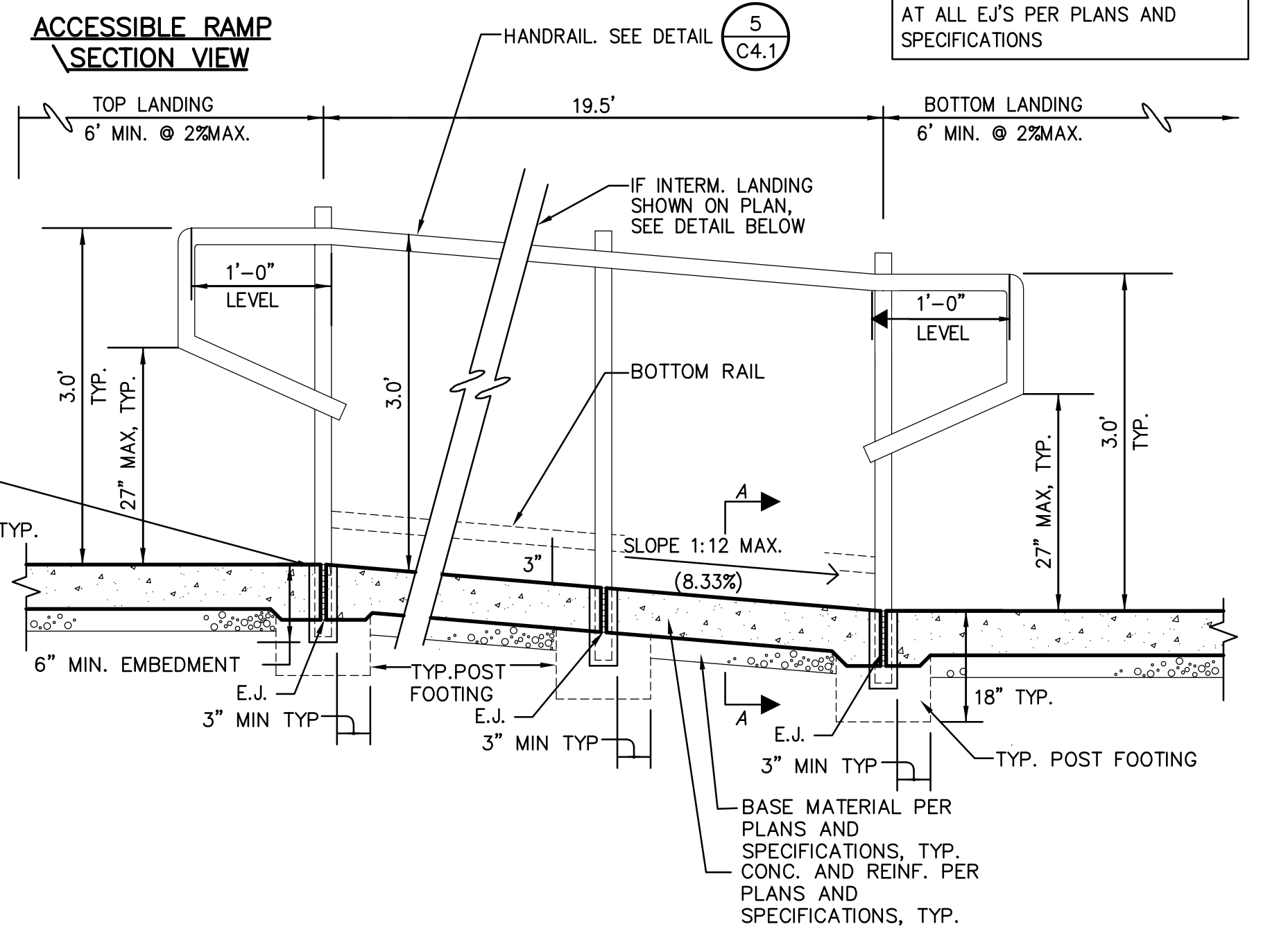
- NOTES:
1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 18 FEET O.C. PROVIDE CONTROL JOINTS AT 16 FEET O.C.
 2. AT E.J. USE 1/2"x24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

2 C4.1 CONCRETE CURB NO SCALE

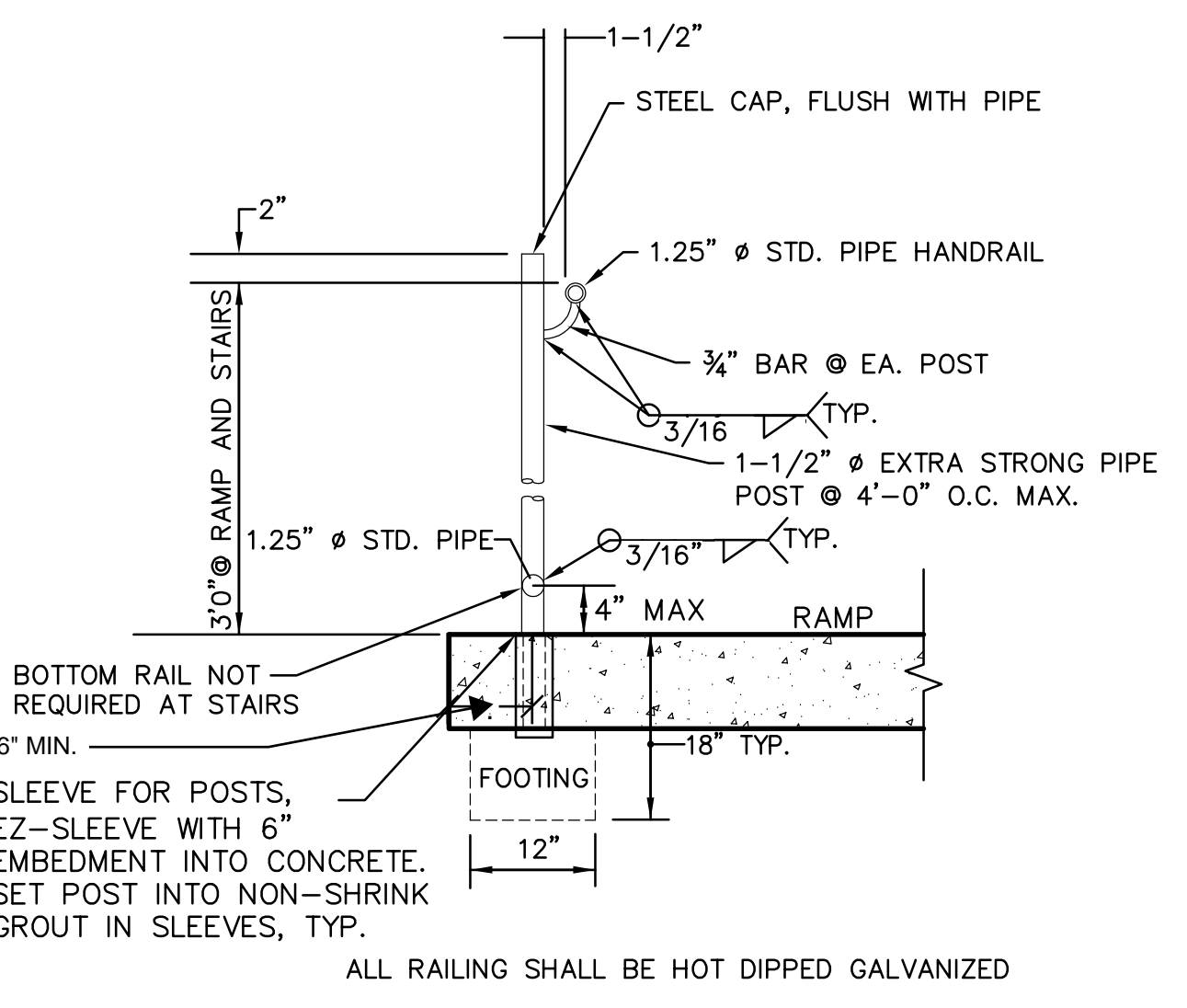


3 C4.1 CURB RAMP NO SCALE

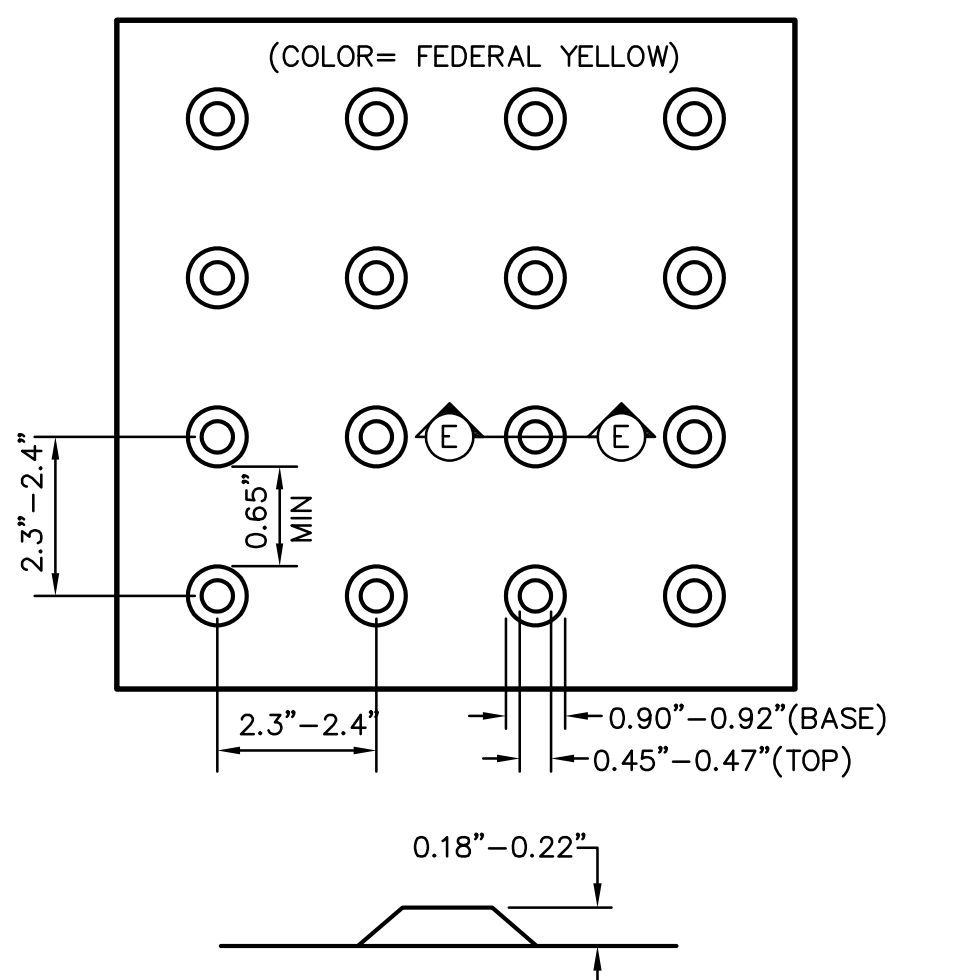
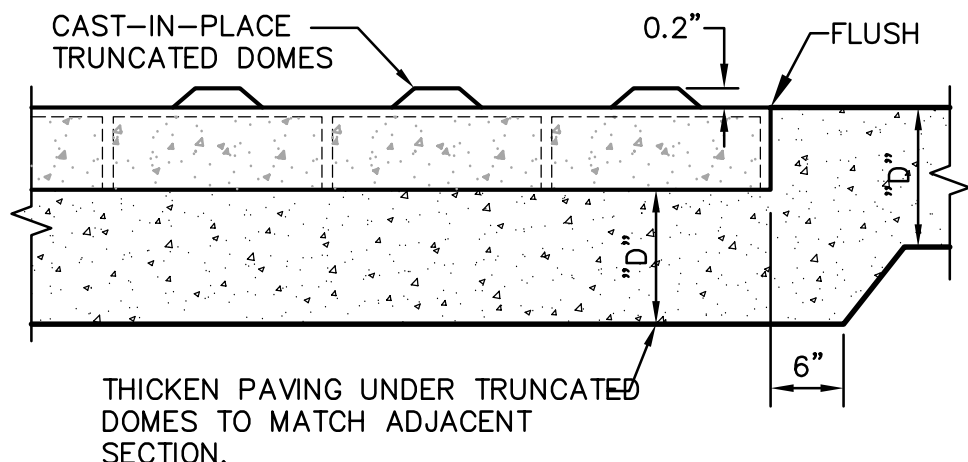
- LEGEND:
1. PAVEMENT.
 2. TOP FACE OF ROLLED CURB, STANDARD 4" HIGH.
 3. 8.3% (1:12) MAXIMUM SLOPE, LENGTH=6.5'.
 4. LANDING SHALL BE 48" MIN. AND SLOPE SHALL NOT EXCEED 1:48 MAX PER CALIFORNIA BUILDING CODE, TITLE 24, SECTION 11B-406.5.3
 5. SCORE MARK, 6" BACK OF CURB.
 6. TRANSITION SHALL BE FLUSH AND FREE OF ABRUPT CHANGE WITH A COUNTER SLOPE NOT EXCEEDING 1:20 MAX FOR 24" PER CALIFORNIA BUILDING CODE, TITLE 24, SECTION 11B-406.5.8.
 7. PLACE 36" WIDE PREFABRICATED CAST IN PLACE DETECTABLE WARNING TILE BY ARMOR-TILE OR APPROVED EQUAL.



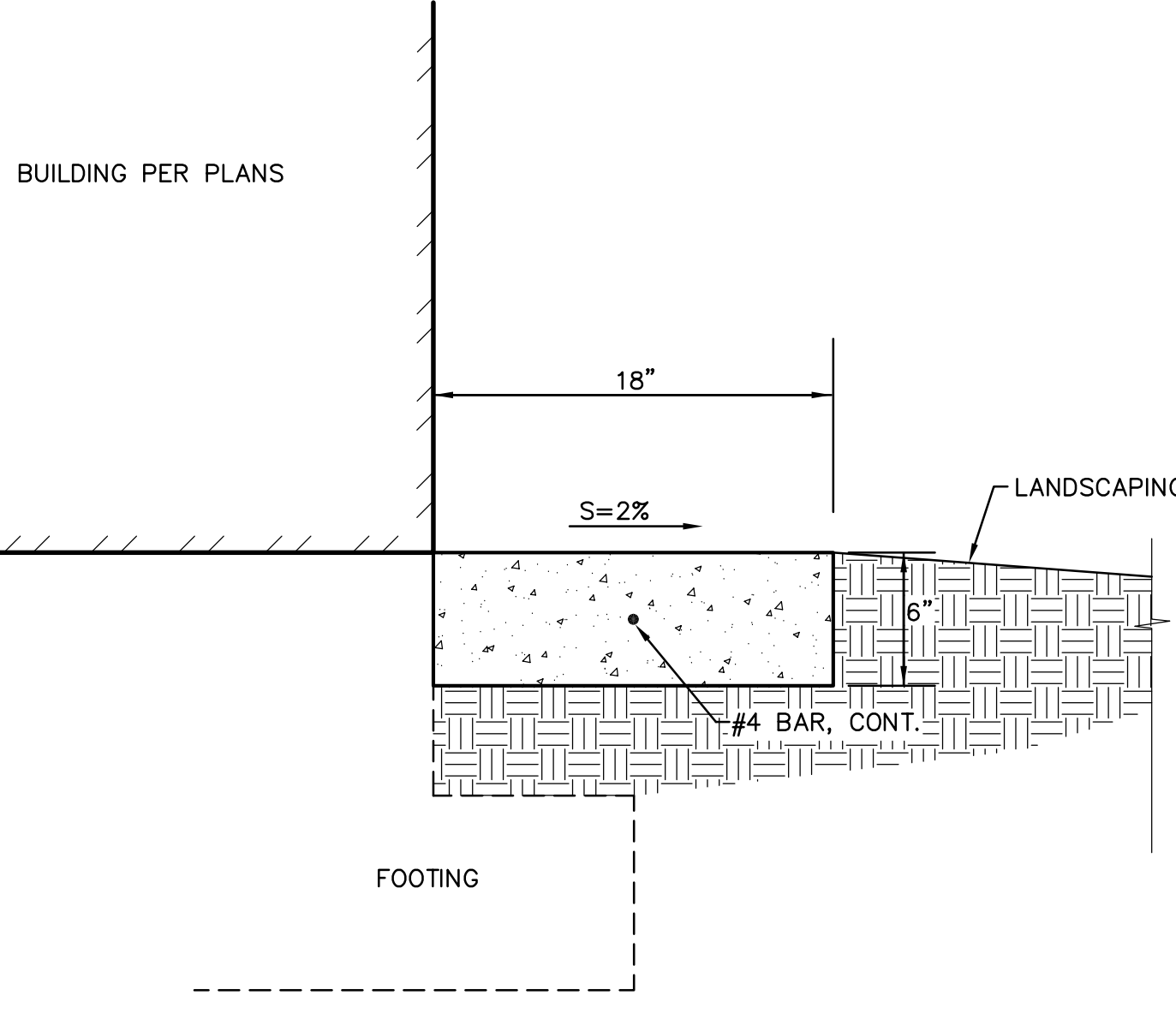
4 C4.1 CONCRETE ACCESSIBLE RAMP NO SCALE



5 C4.1 HANDRAIL NO SCALE

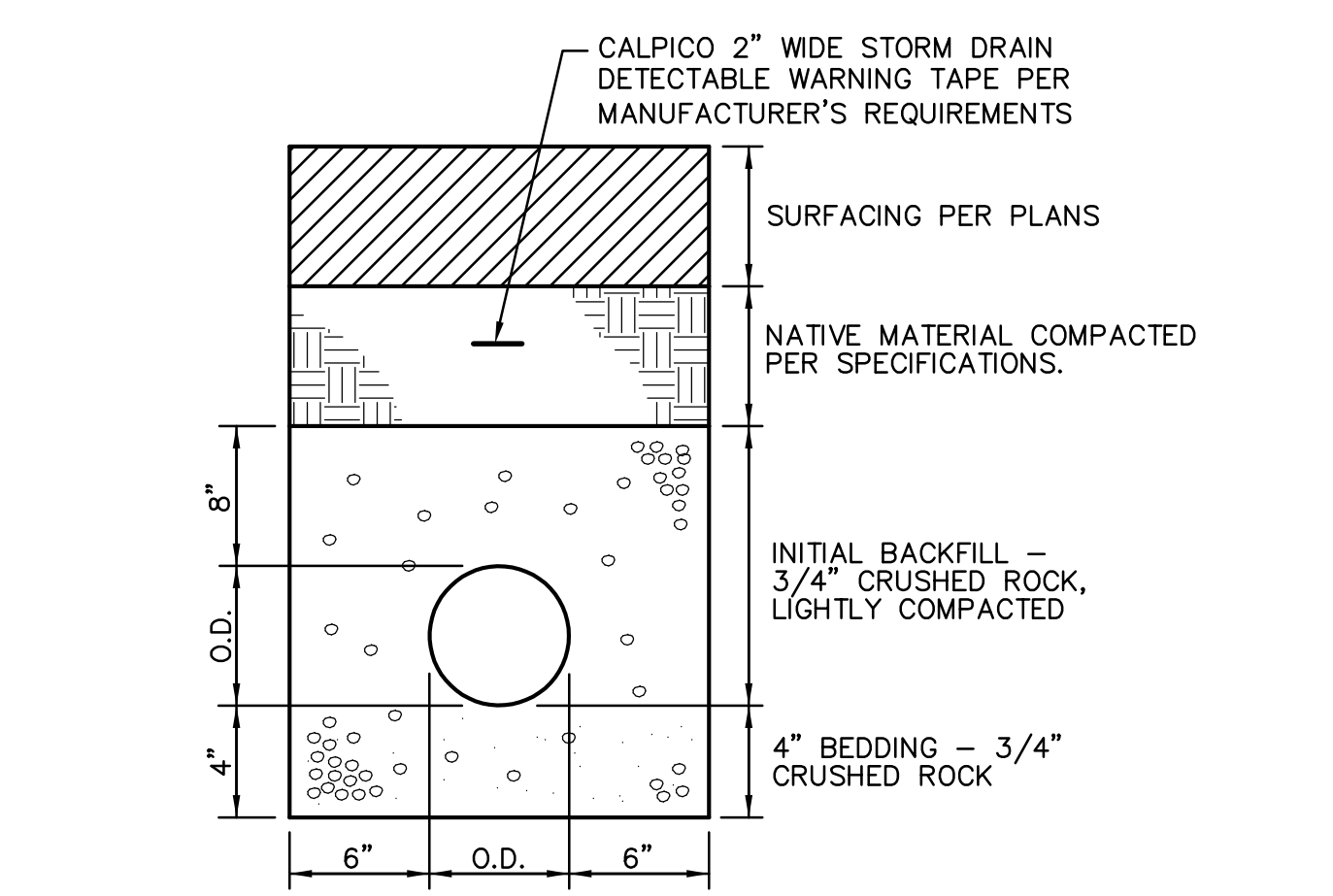


6 C4.1 TRUNCATED DOMES NO SCALE

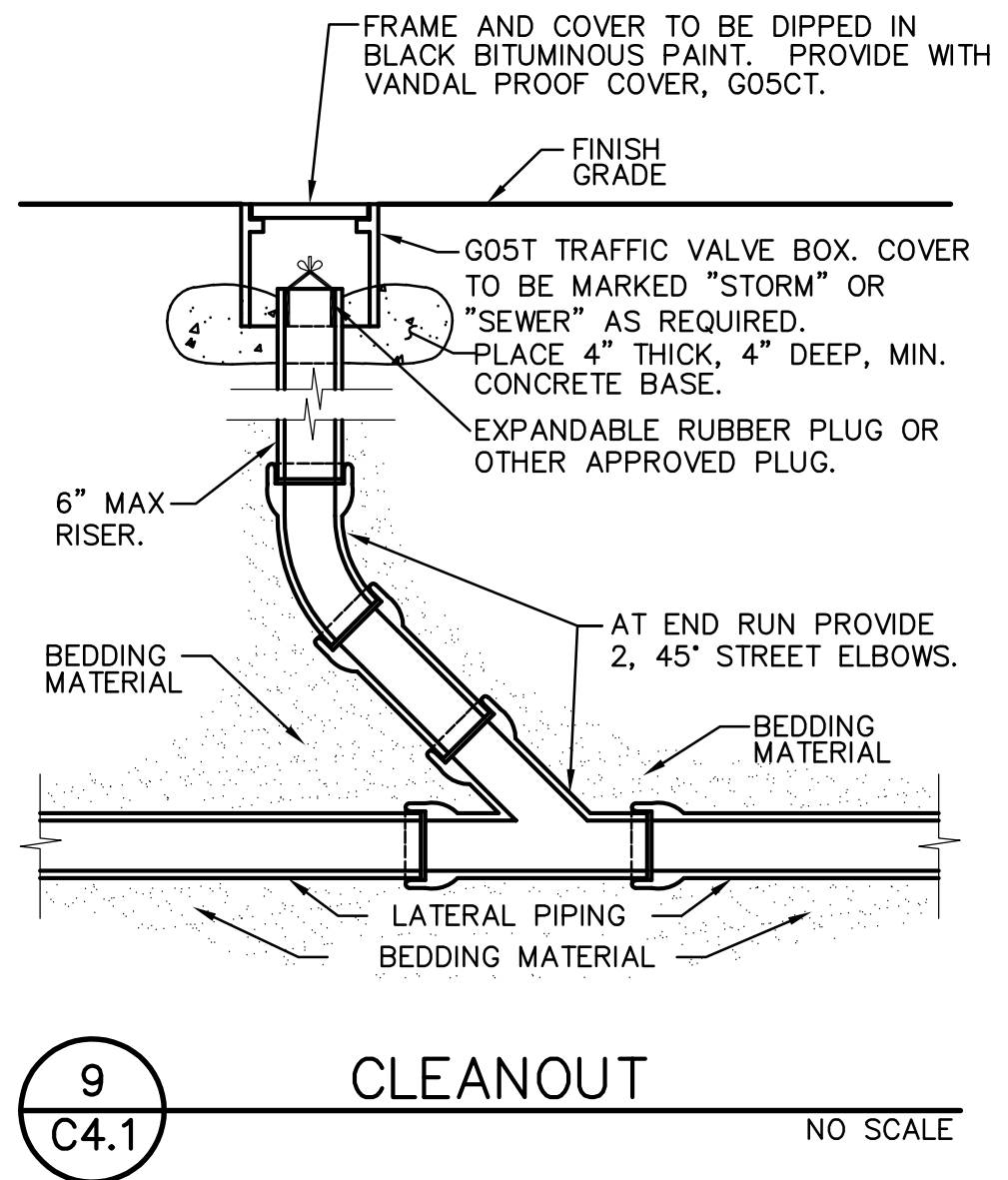


- NOTES:
1. PROVIDE FELT EXPANSION JOINTS (E.J.) AT 18 FEET O.C. PROVIDE CONTROL JOINTS AT 6 FEET O.C.
 2. AT E.J. USE 1/2"x24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

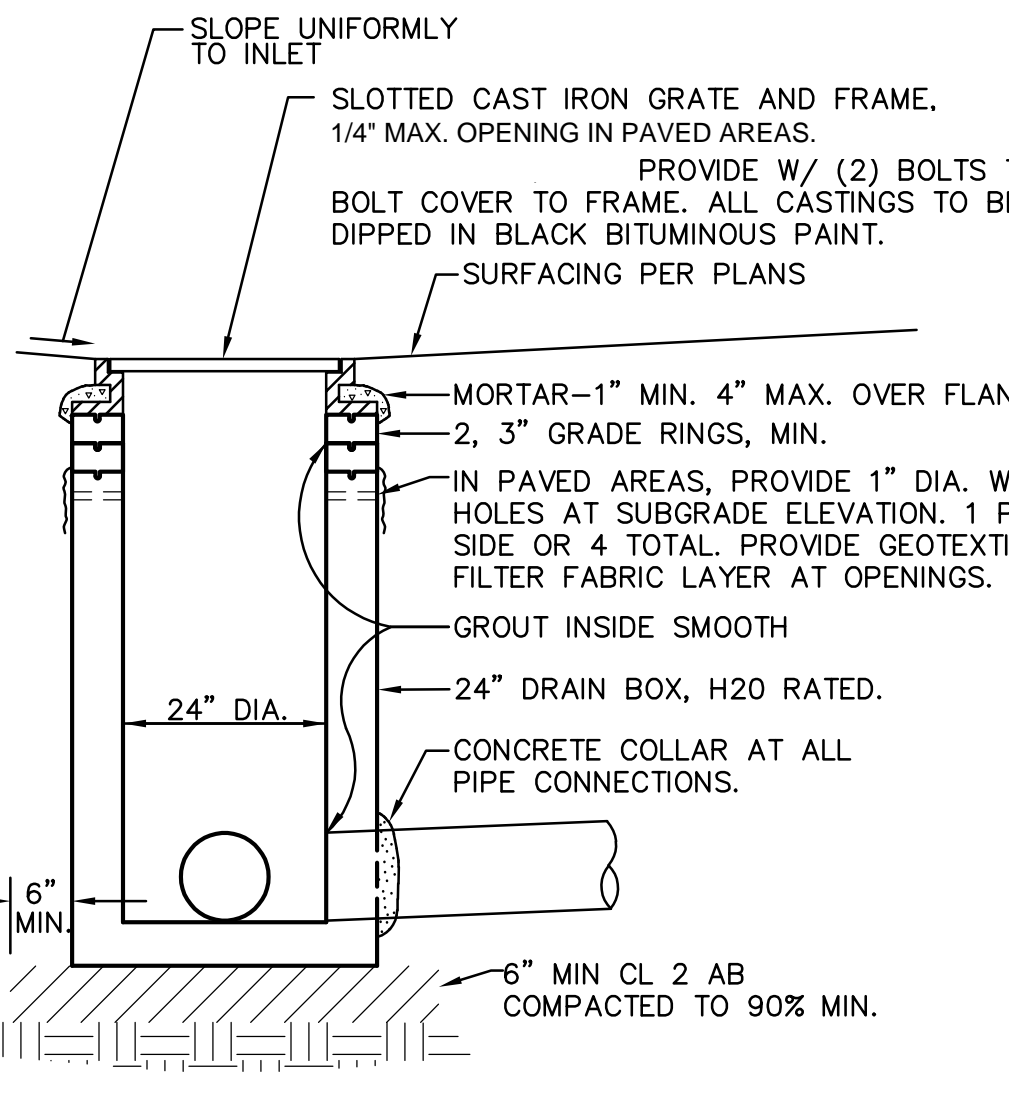
7 C4.1 18" WIDE CONCRETE BAND NO SCALE



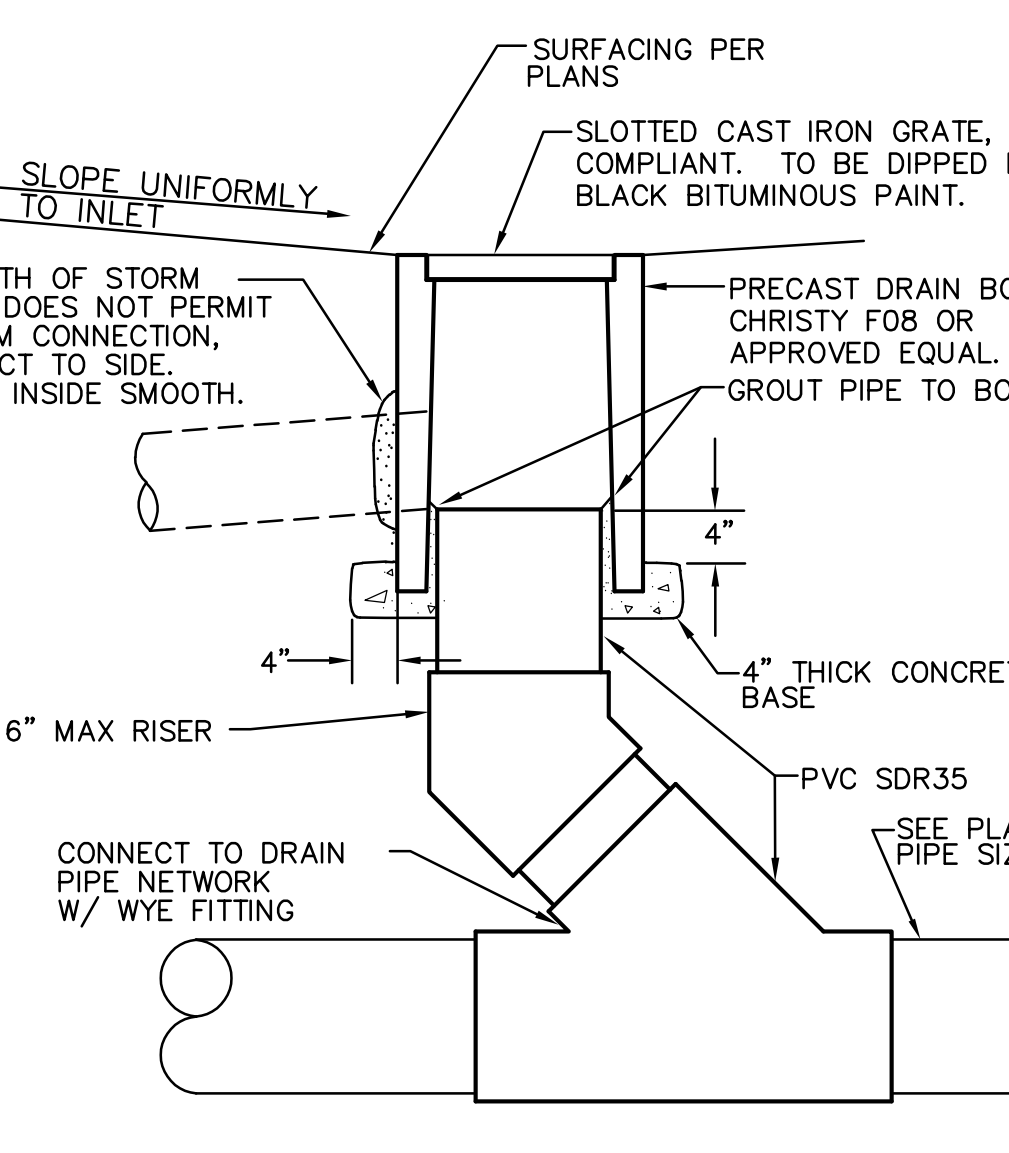
8 C4.1 STORM DRAIN AND SEWER TRENCH NO SCALE



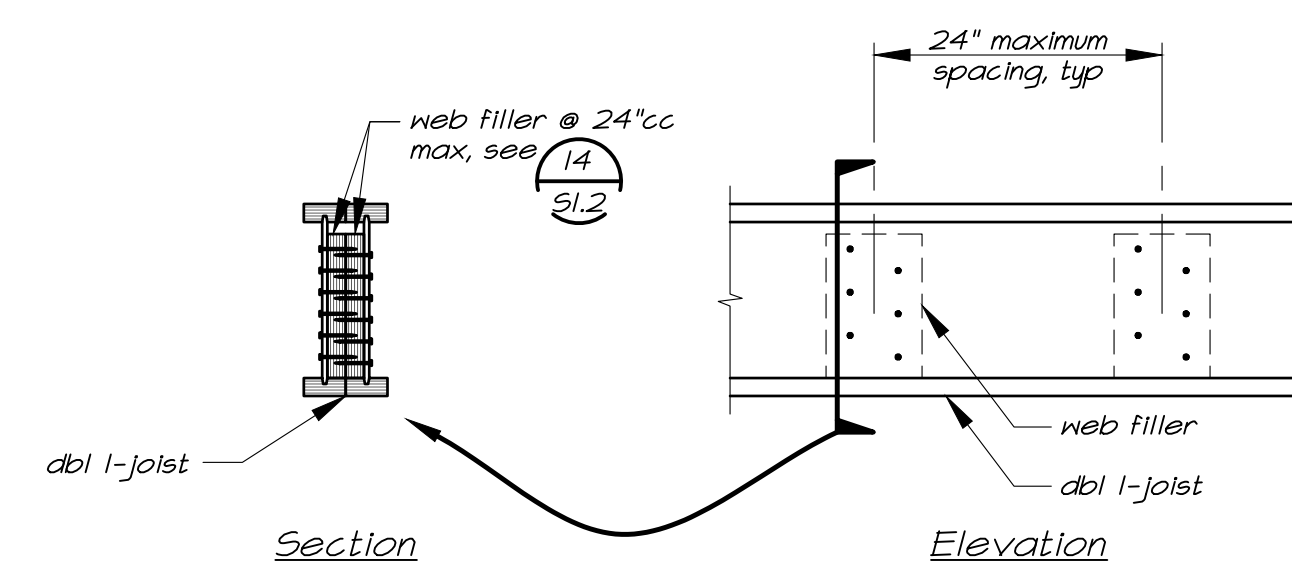
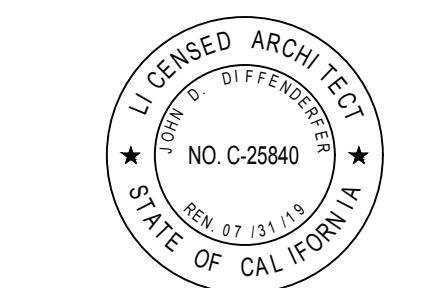
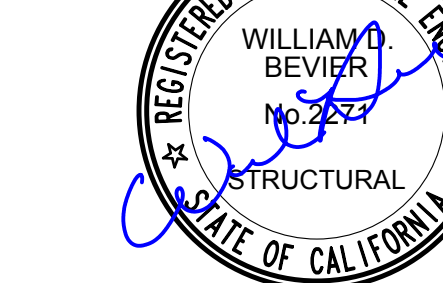
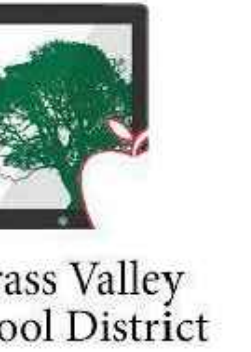
9 C4.1 CLEANOUT NO SCALE



10 C4.1 DROP INLET NO SCALE



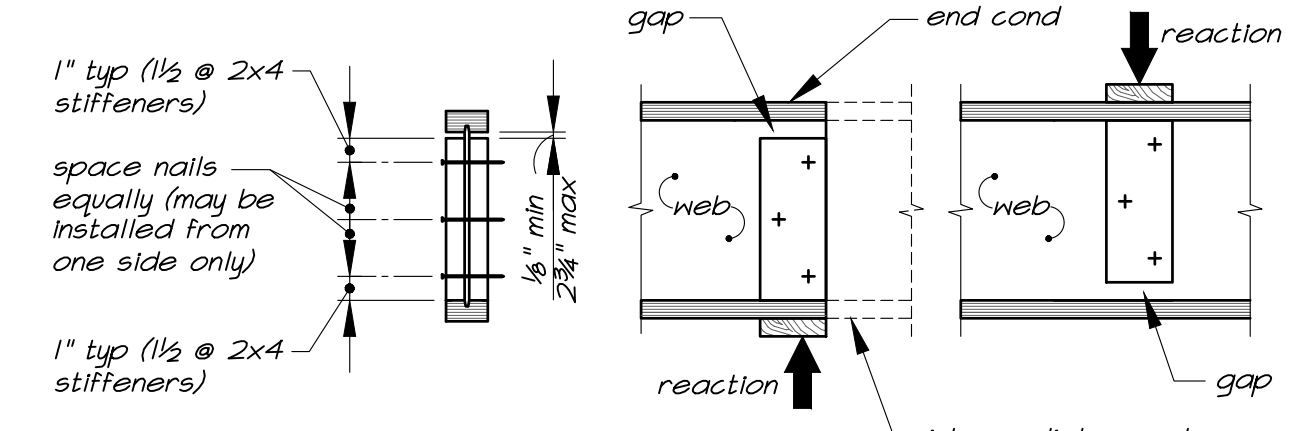
11 C4.1 AREA DRAIN NO SCALE



Typical Double I-Joist Connection

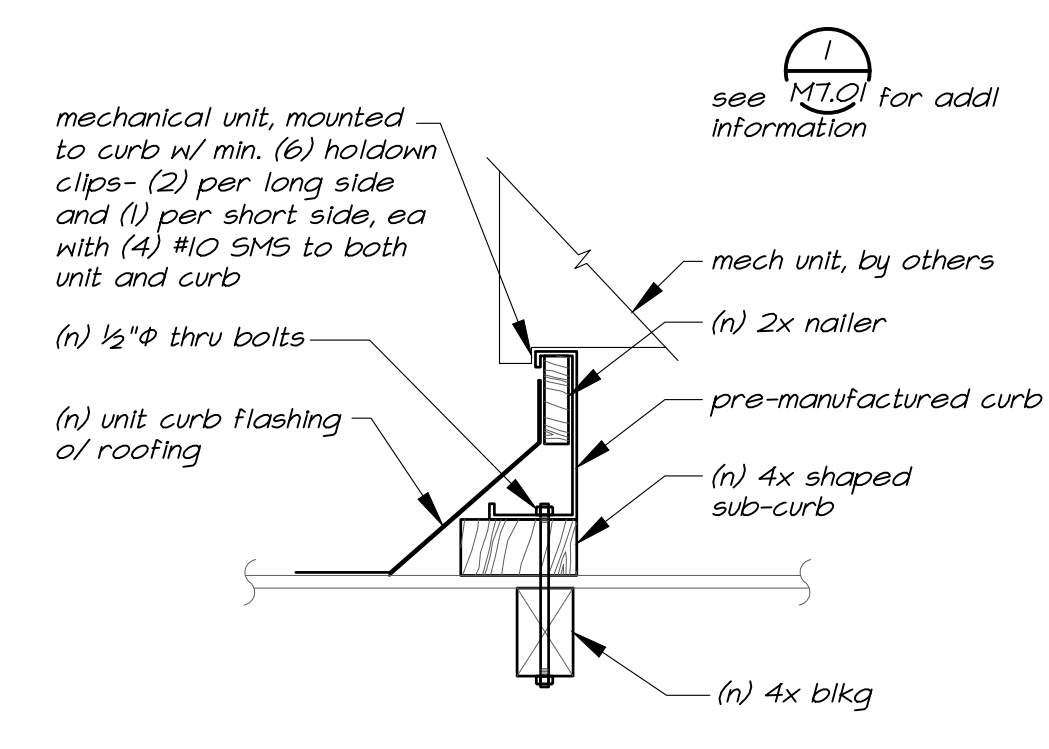
Red Built I-Joist Web Stiffener Requirements

Series:	Red-145	Red-165	Red-180 & 190H	Red-190HS
Stiffener Size/Type:	3/8"x2 3/8" sheathing	1"x2 3/8" sheathing	2x4 DF stud	2x4 DF stud
Nails:	8d x 2 1/2	8d x 2 1/2	16d x 3 1/2	16d x 3 1/2
Bearing Condition:	End or Intermediate	End or Intermediate	End	Intermediate
Joist Depth	Nails Required	Nails Required	Nails Required	Nails Required
16"	3	6	4	6

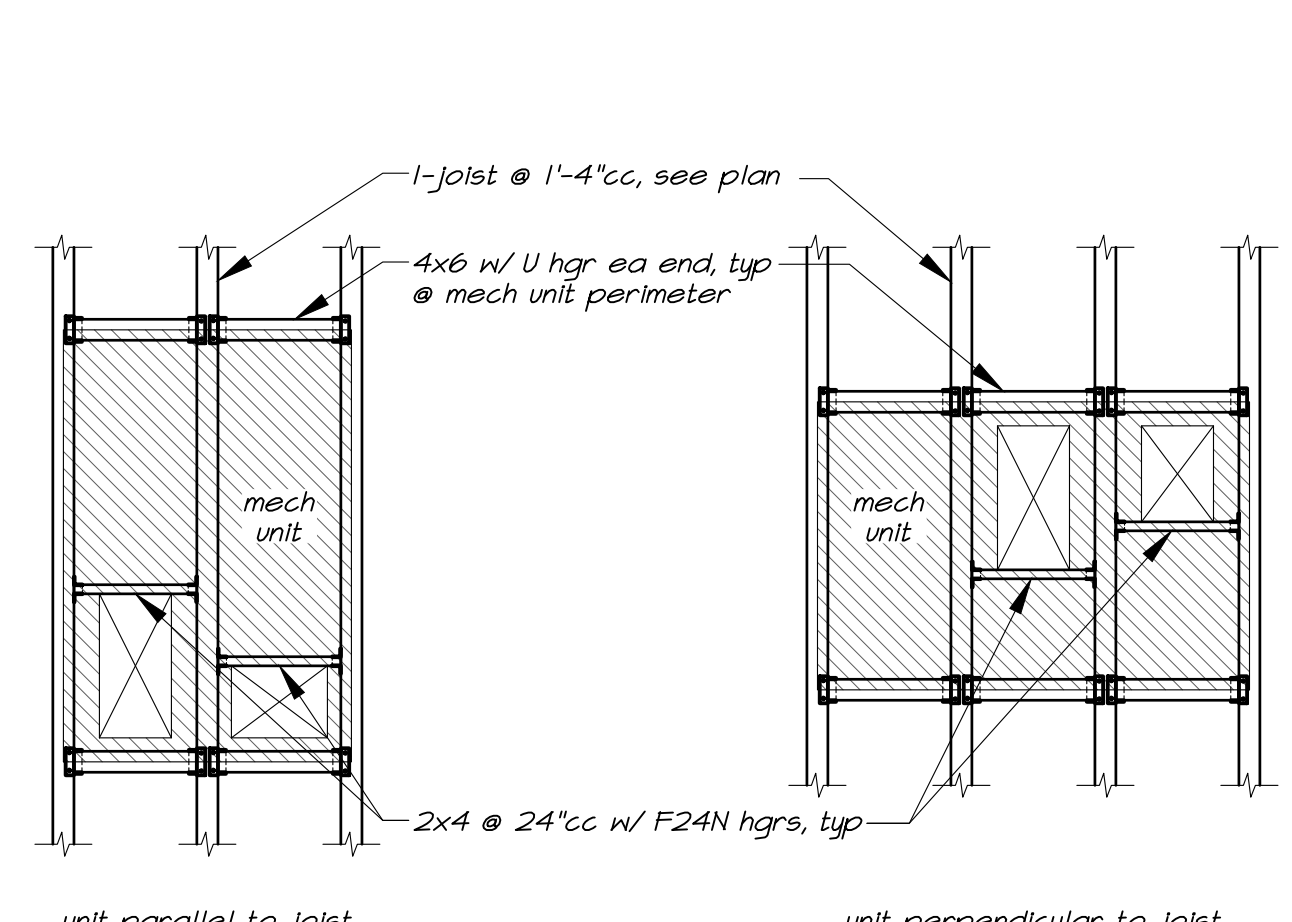


- NOTES:**
- Web stiffeners shall be installed at locations shown in manufacturer's shop drawings, the construction documents, and as required by these notes.
 - Web stiffeners shall be installed at points of concentrated loads greater than 1500 pounds.
 - Web stiffeners shall be installed in joist hangers that require side nailing, or when the hanger doesn't engage the top chord.
 - Web stiffeners are to be installed on each side of the web as shown with nails equally spaced vertically.
 - A gap must be left at the top of web stiffeners as shown at all bearing conditions. In case of concentrated loads, web stiffeners are required as shown and the gap must be at the bottom. Install tight to the opposing chord.
 - 3/8" stiffeners shall be PS-1 or PS-2 grade sheathing w/ face grain parallel to the long axis of the stiffener. 2x4 stiffeners shall be DF Construction grade or better.
 - Secure stiffeners to the joist as noted in table above. Nail quantity shown is total required for the assembly.

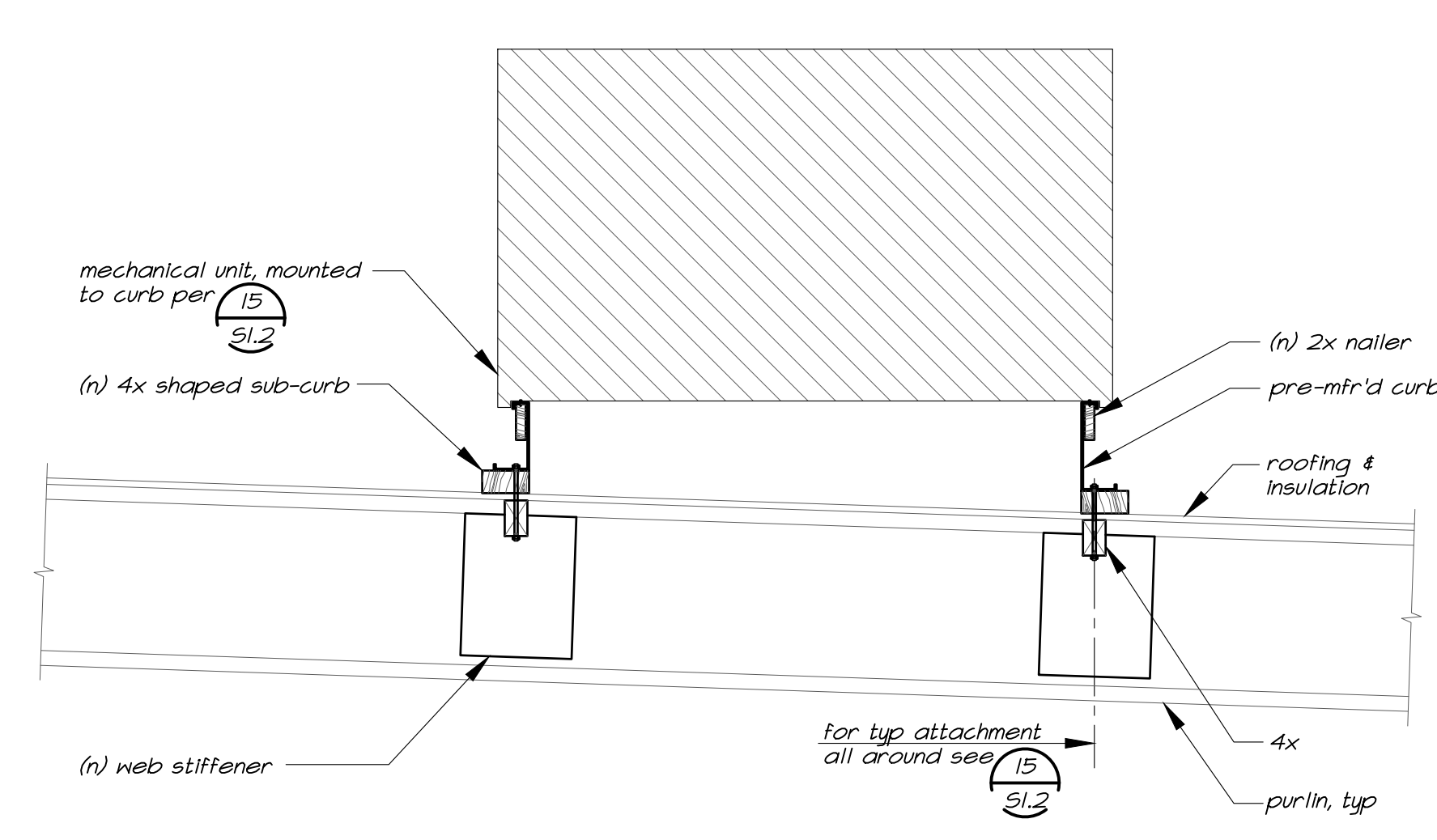
Red Built Web Stiffener Requirements



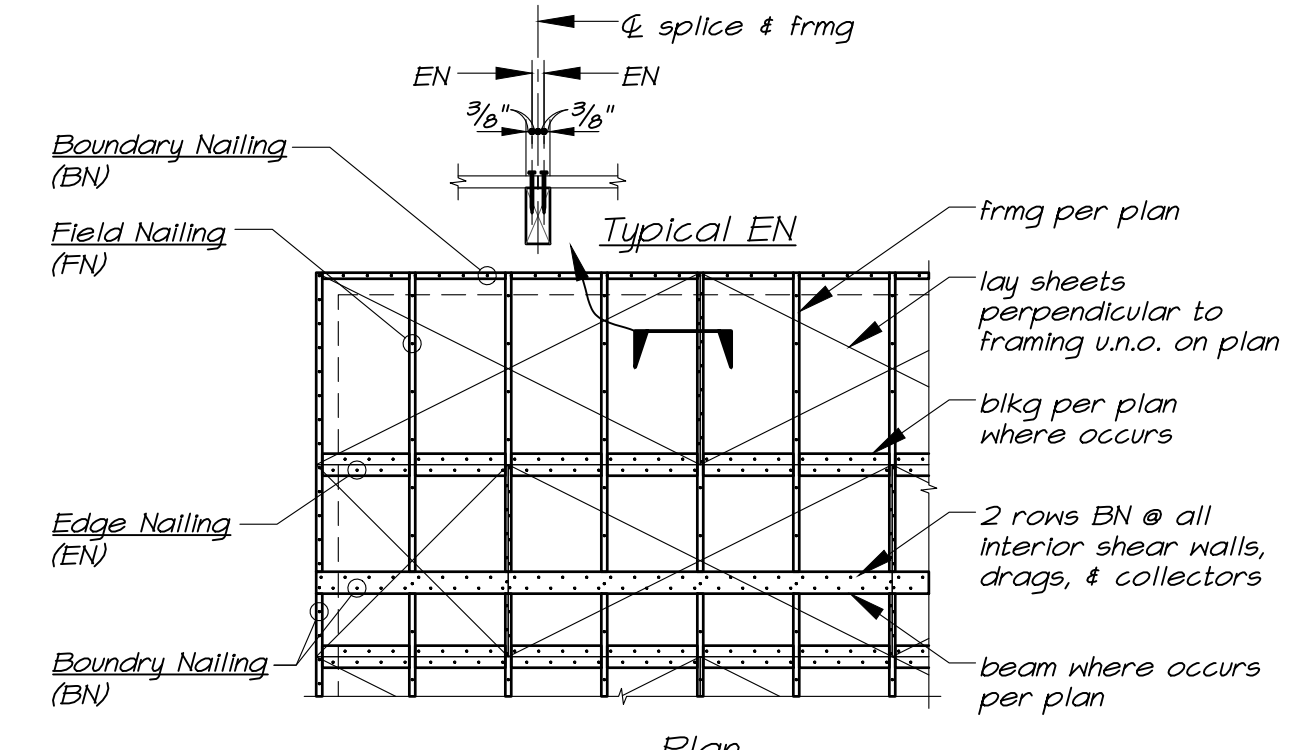
Mech Unit Anchorage



Typical Framing Plans @ Mechanical Units

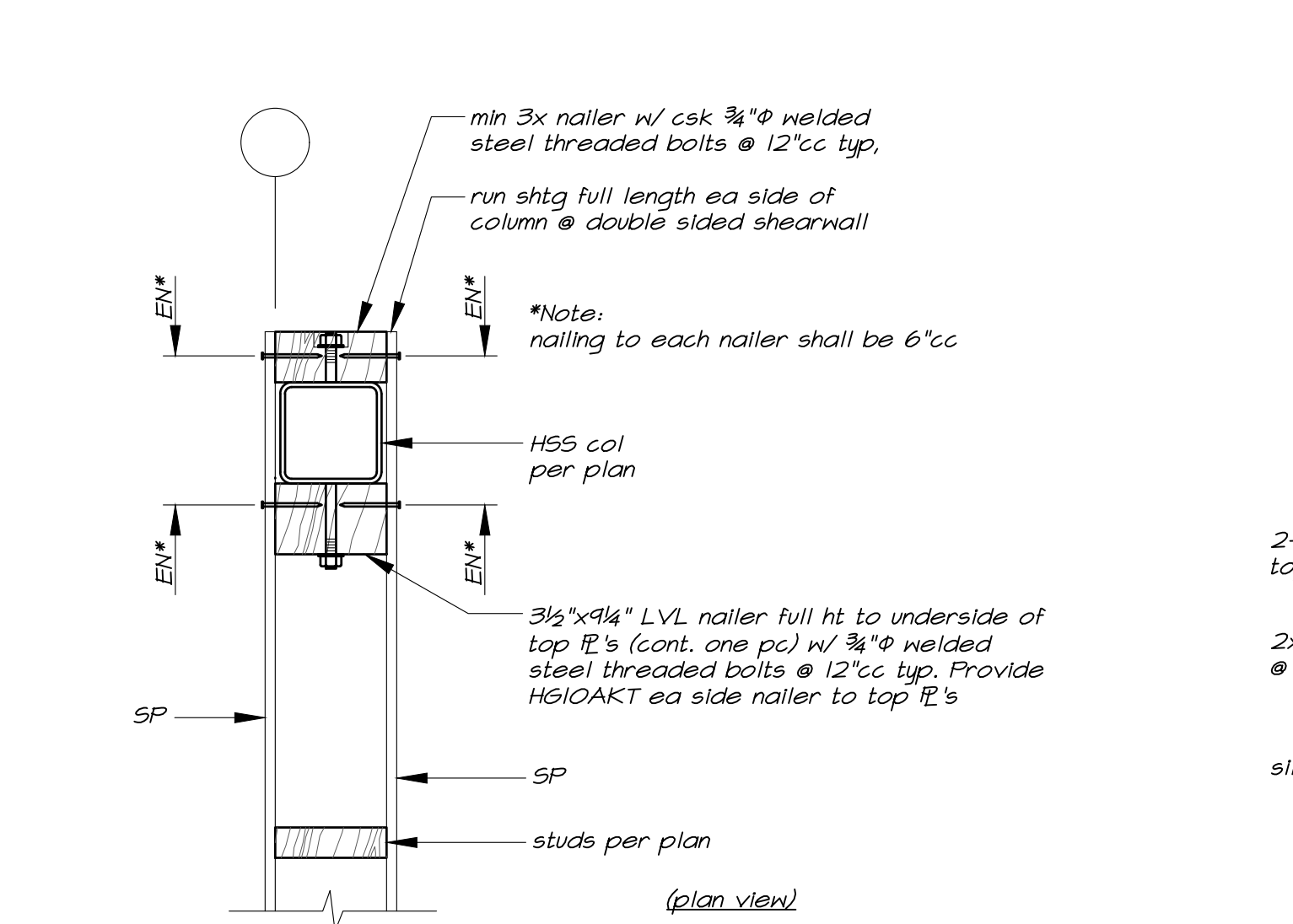


Section at Mech Unit

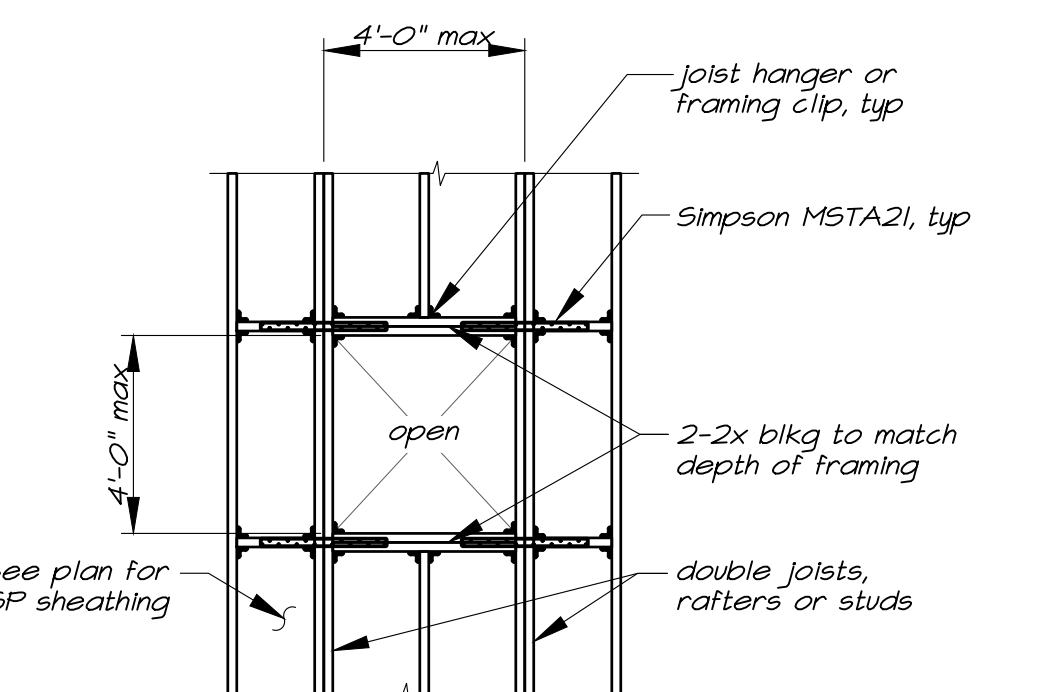


- Notes:**
- See plan for sheathing type, nail size and spacing. Unless noted otherwise, use 1/2" AFA rated shtg plywood grade C-D with exterior glue, minimum panel index 3216.
 - Provide EN at all sheathing edges, beams, blocking and mechanical units, u.n.o. Provide BN at all diaphragm edges, drags/collectors & shear walls, u.n.o.
 - EN & BN shall be 10d @ 6"cc min u.n.o. on plan. FN shall be @ 12"cc. Nail size to match EN, u.n.o.
 - Provide 3x4 flat blocking and EN at all unsupported edges where blocking and nailing are indicated on plan.
 - Stagger SP joints as shown. Minimum panel width is 24".
 - 10d nails spaced 3"cc or less shall be 'shorts'. See Typical Framing Notes.
 - Framing at adjoining panel edges, including blocking, shall be 3x where nails are spaced 2 1/2" or less.
 - 6/6/12 shown on plan indicates required nail spacing at Boundary/Edge/Field.

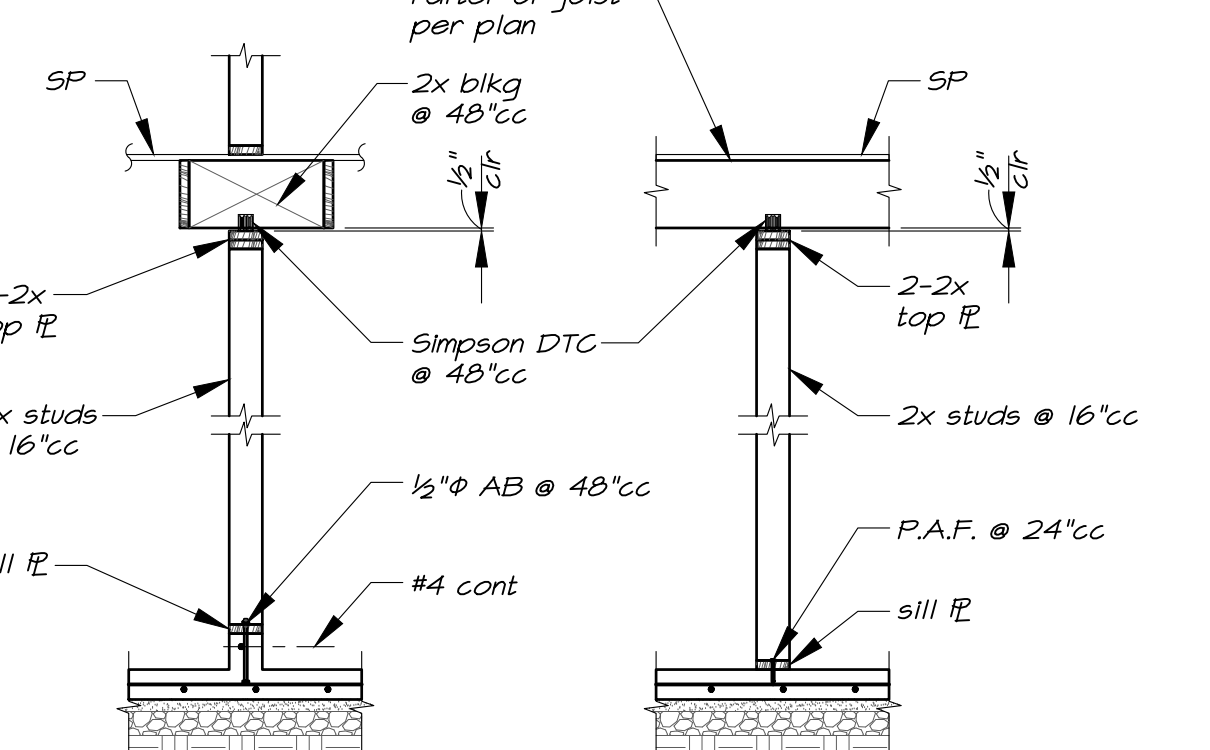
Typical Floor/Roof Nailing



HSS Column @ Shearwall



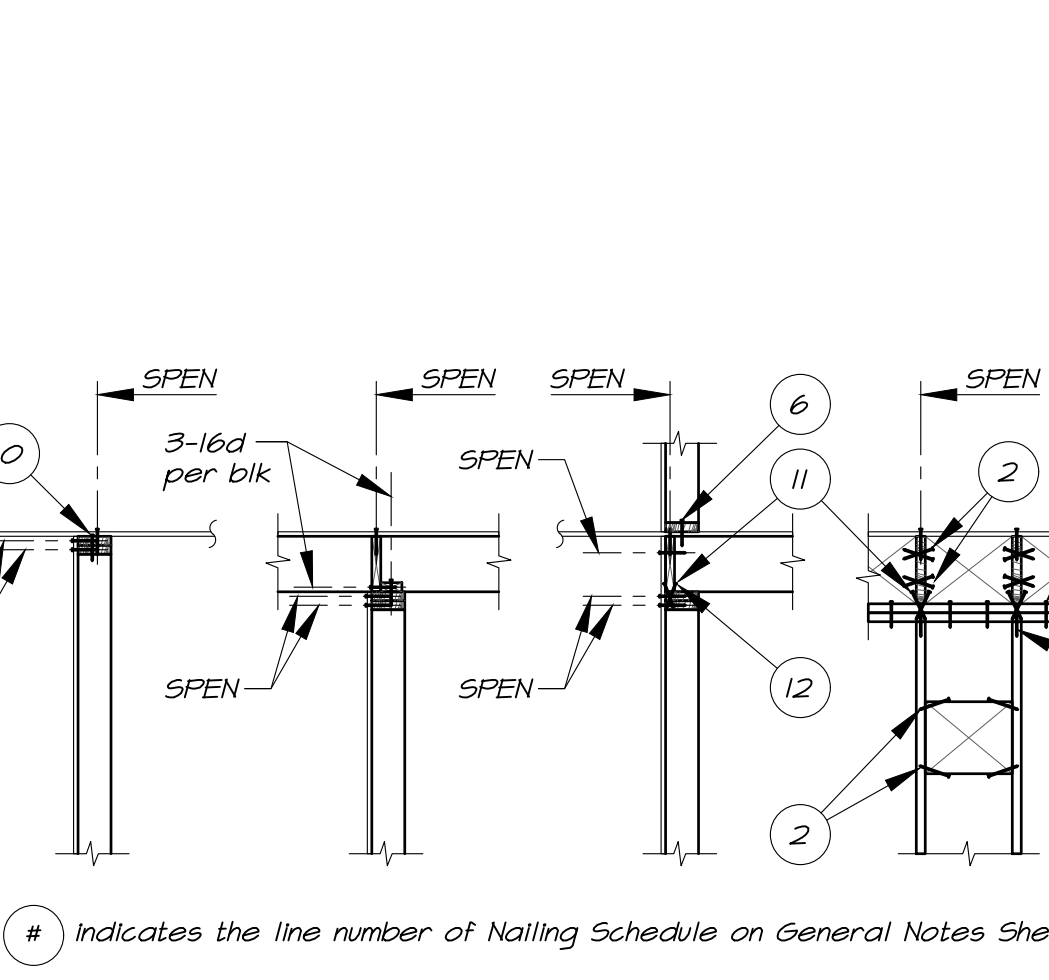
Typ Opening in Plywood Diaphragm (Roof or Wall)



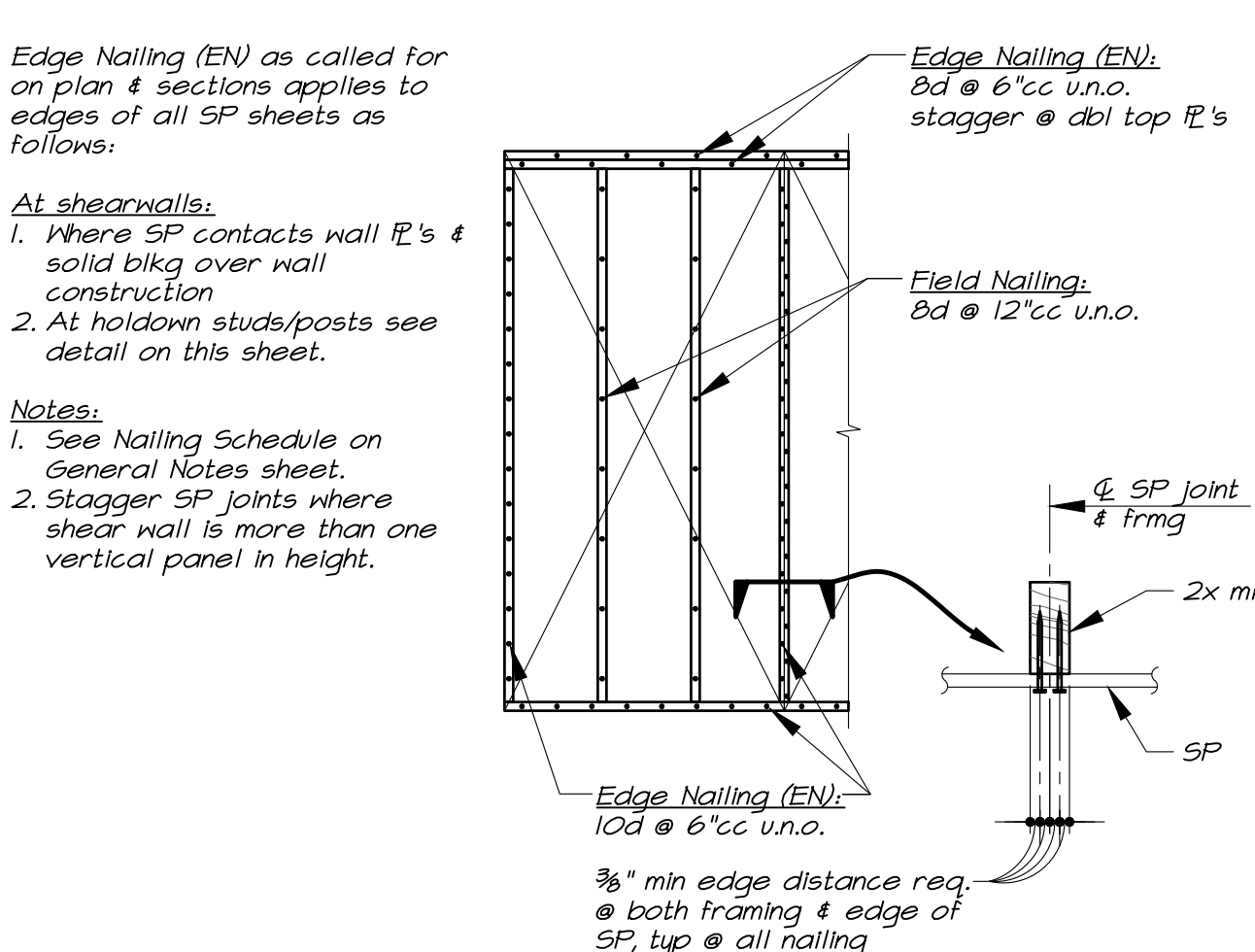
Non-Brg Partition Framing



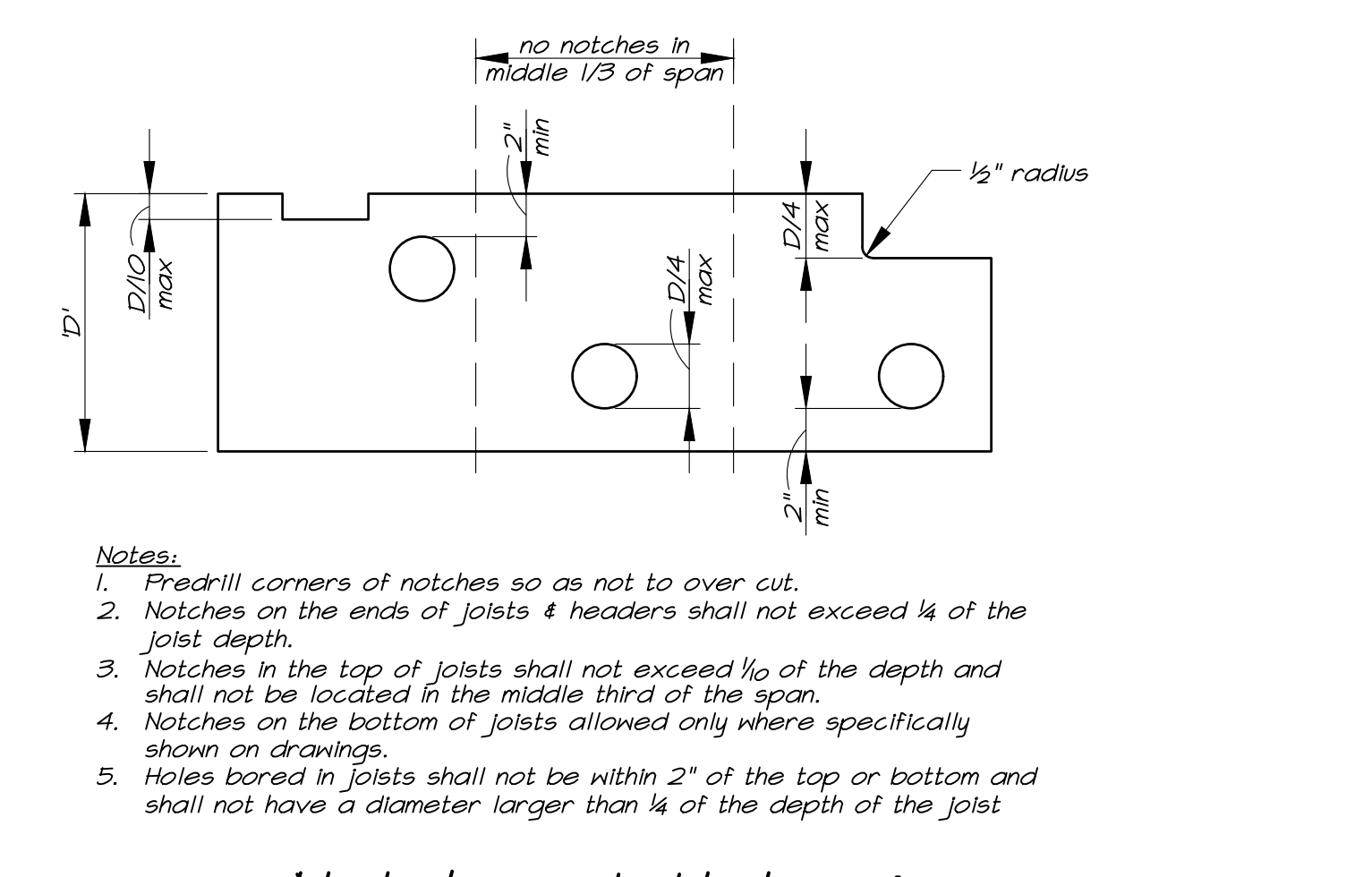
Splice of Top F @ Notch or Holes for Pipes or Conduits



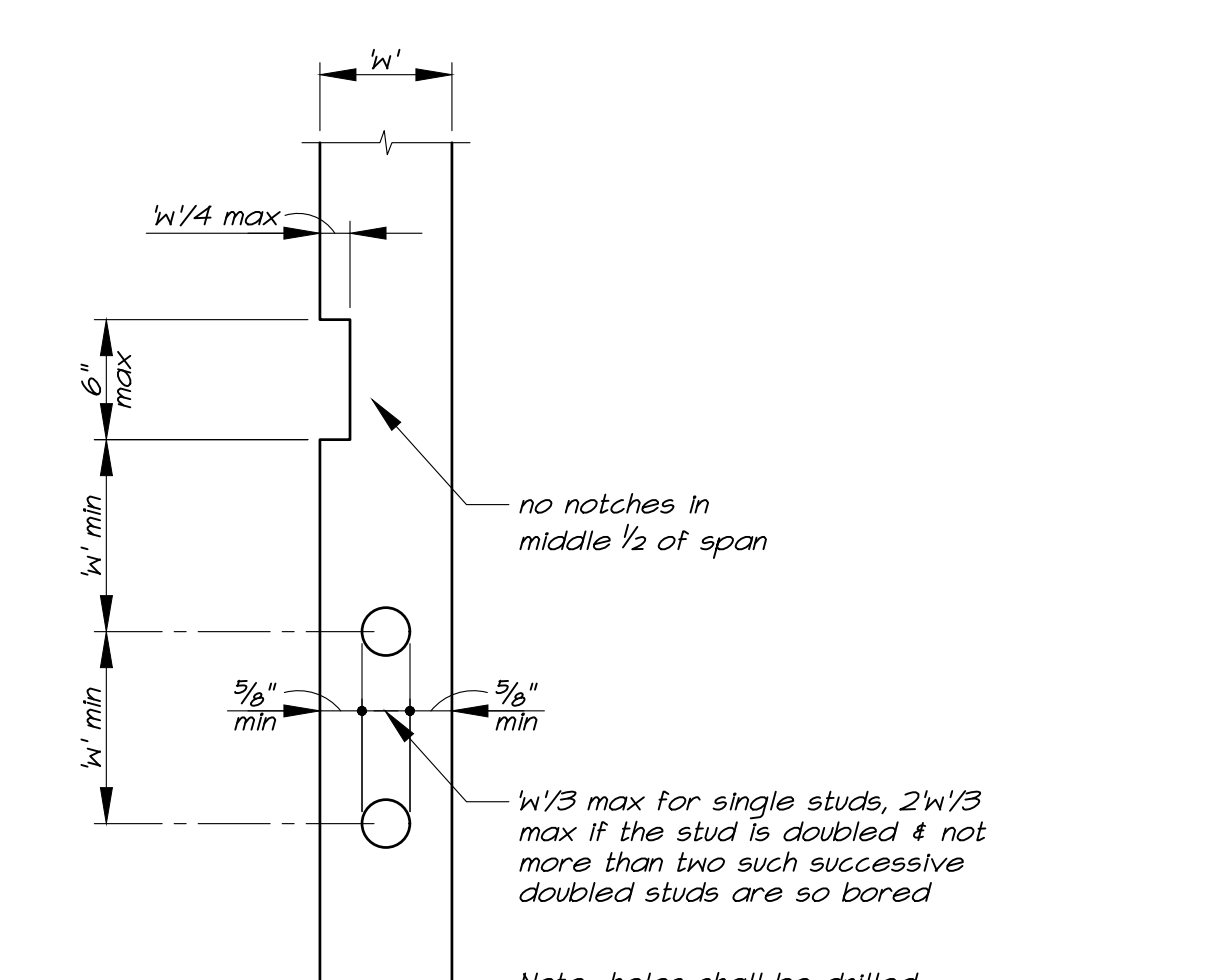
Typical Nailing Examples



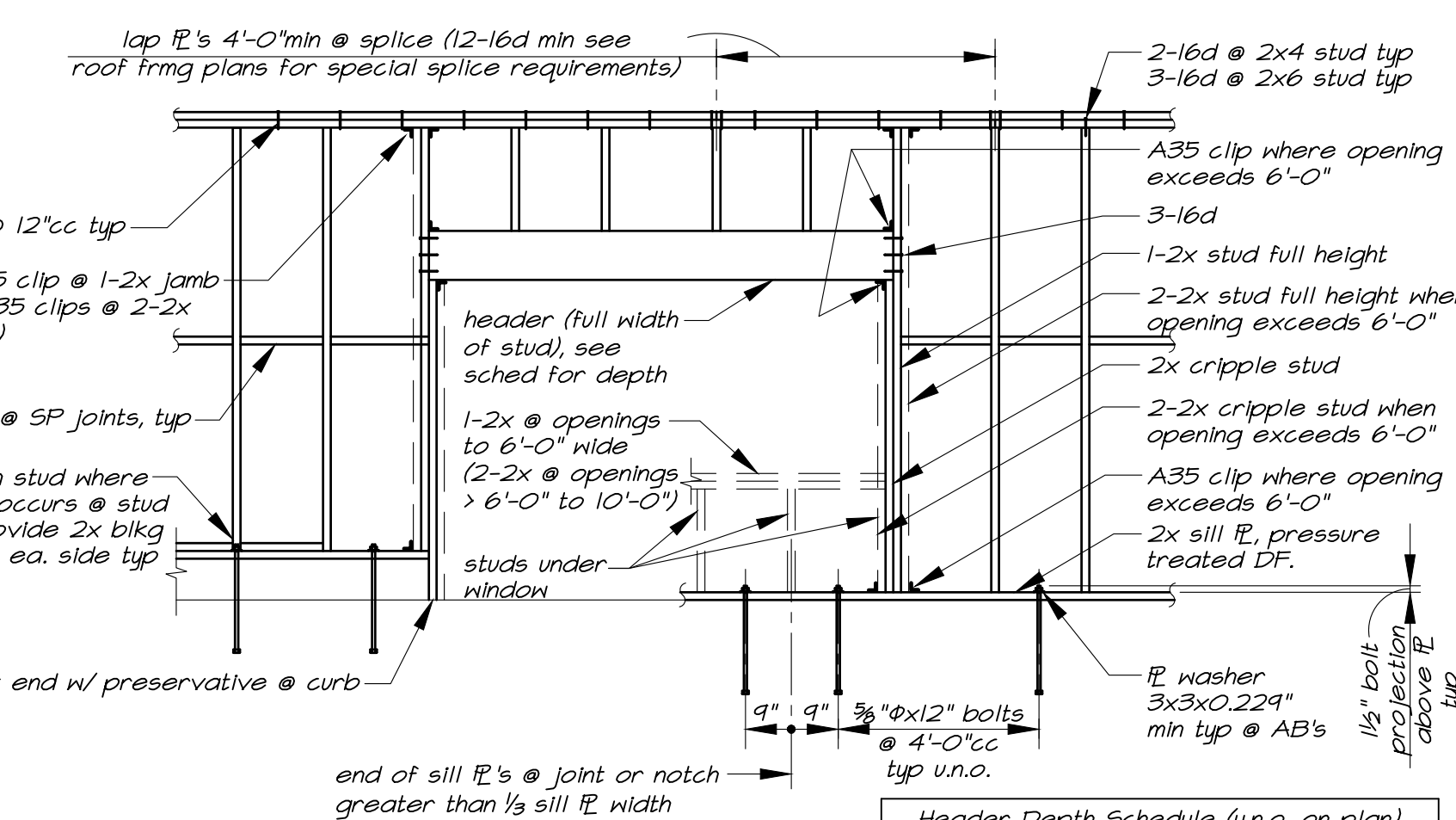
Typical Shearwall Nailing



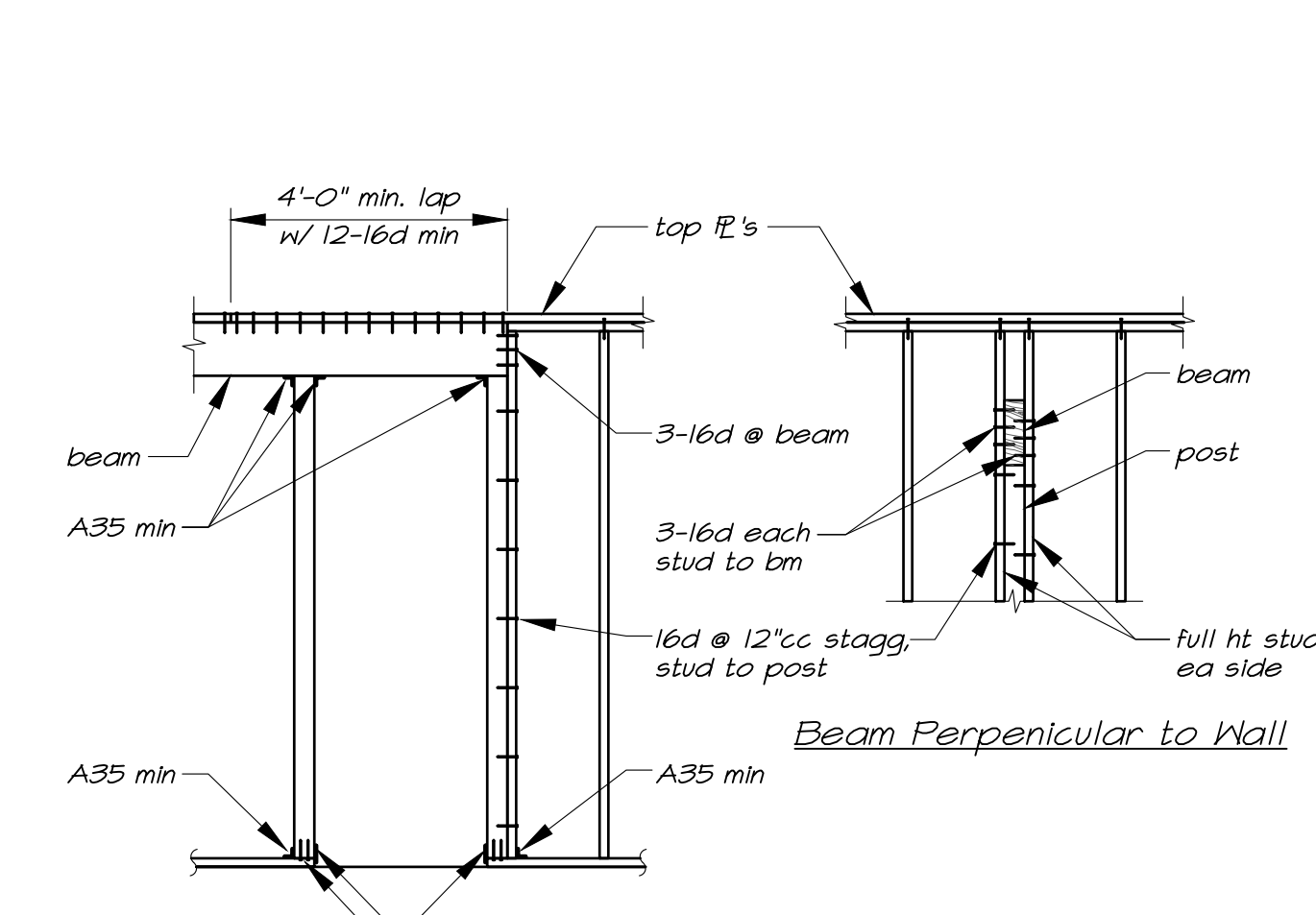
Notches & Holes in Joists and Headers



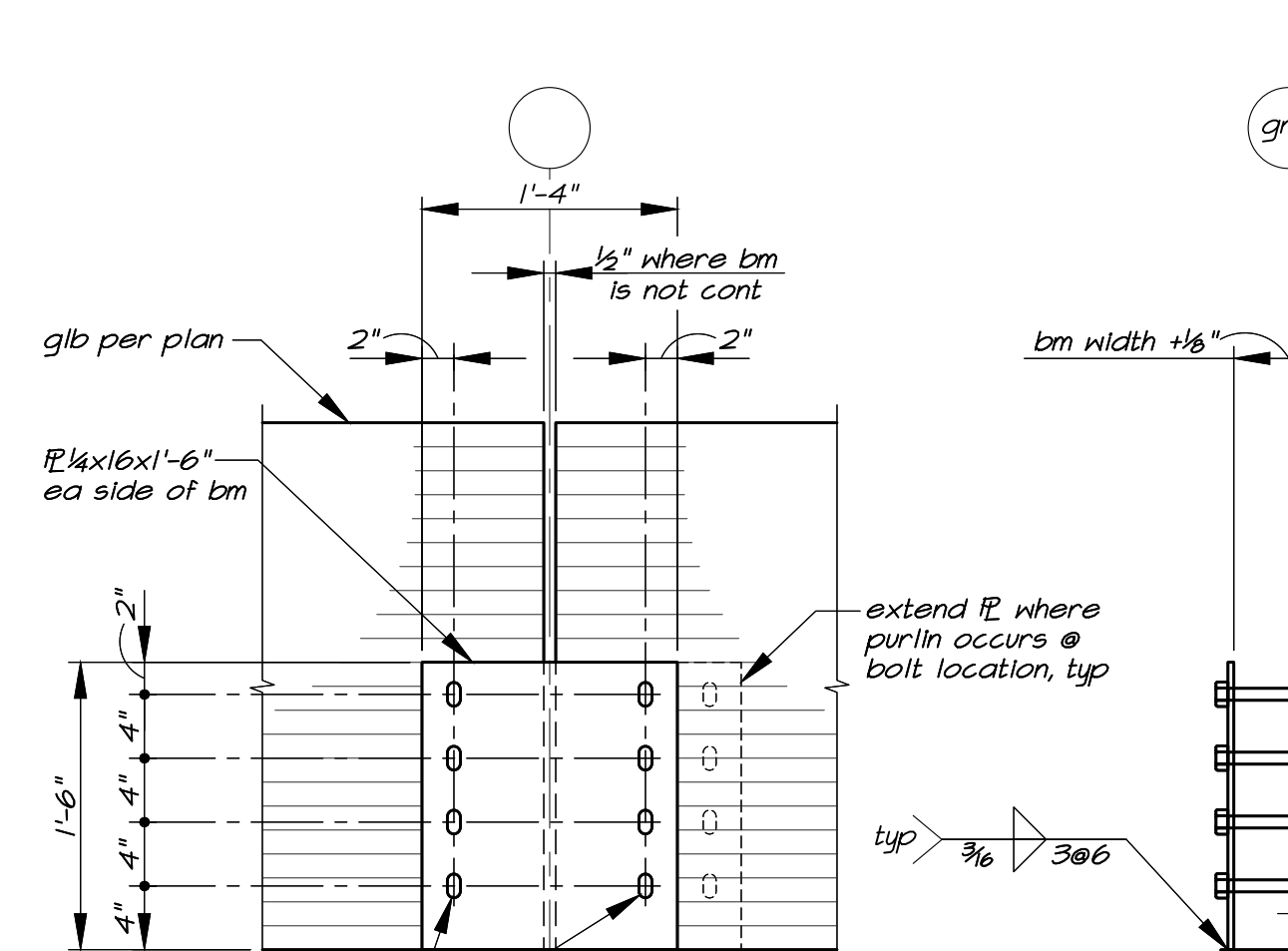
Notches & Holes in Studs



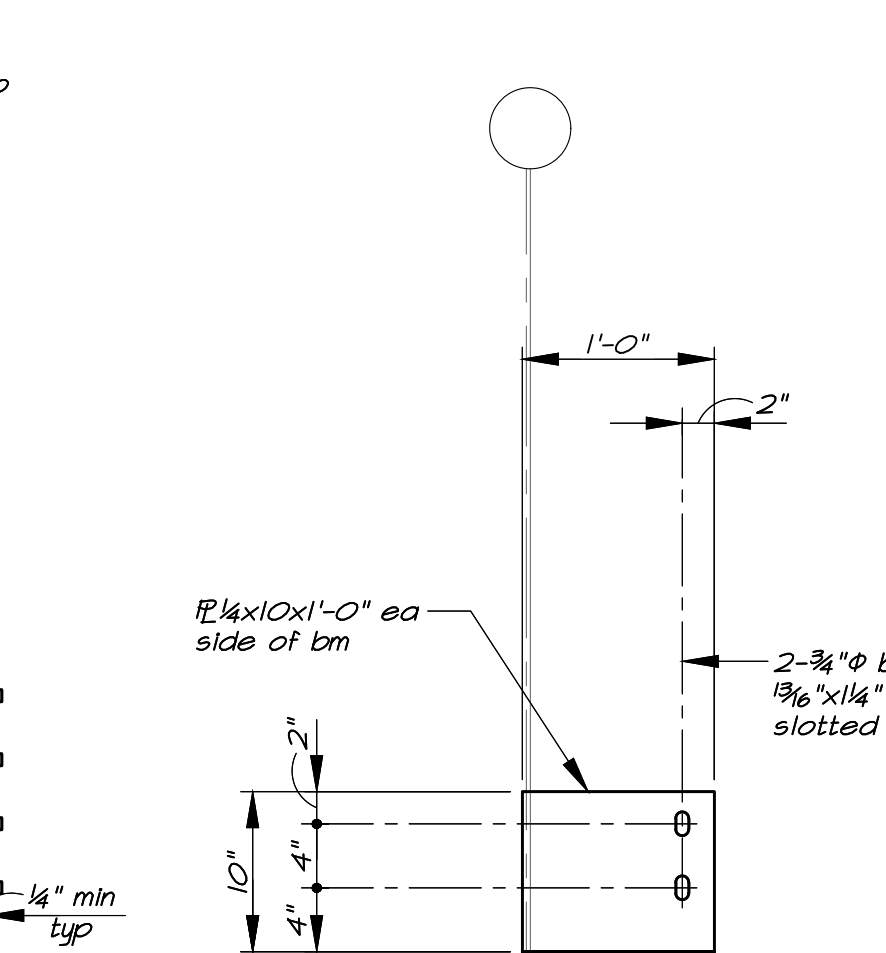
Typical Stud Wall & Opening Framing



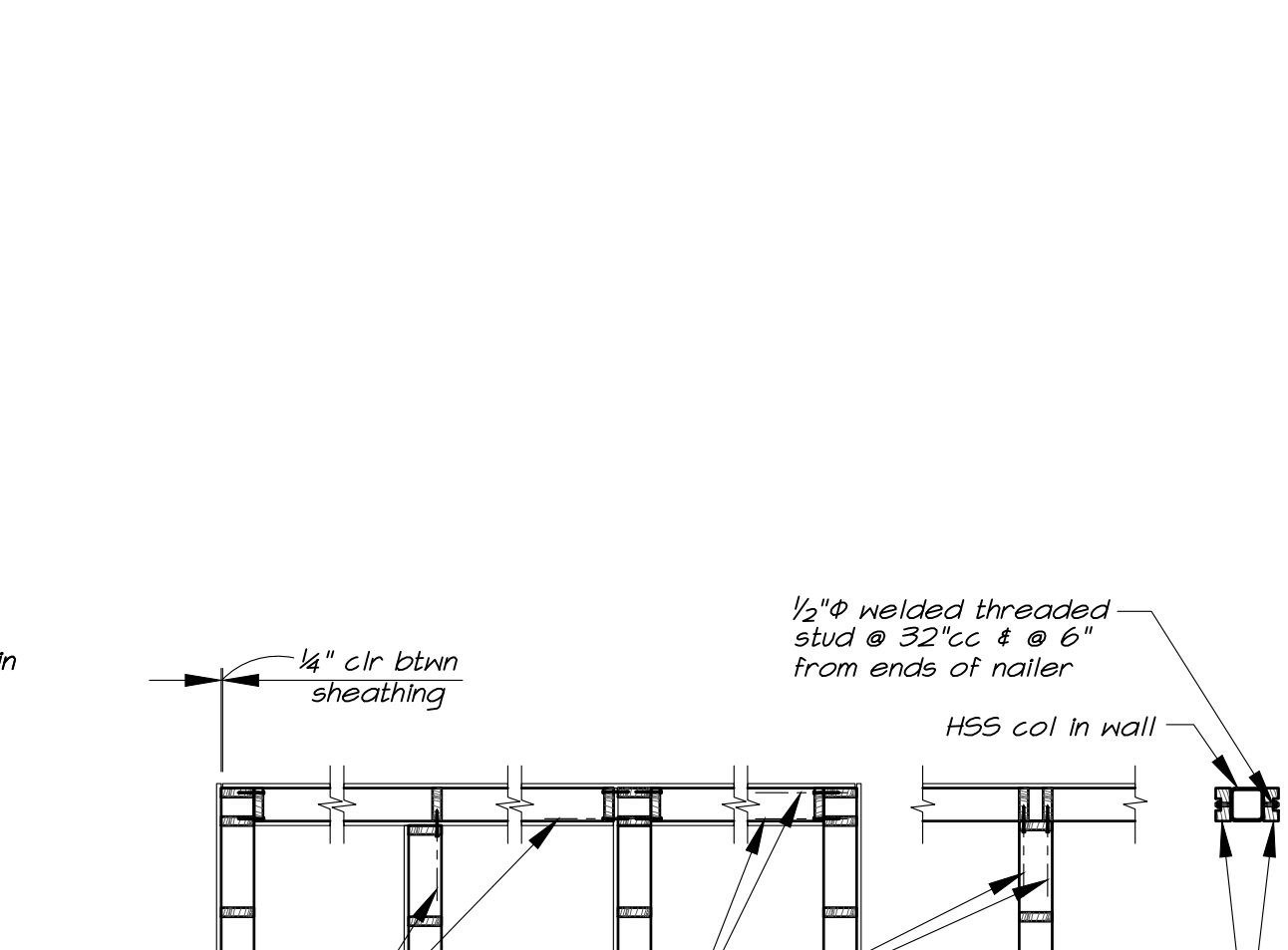
Post & Beam Connection



Column Cap @ Wood Beam



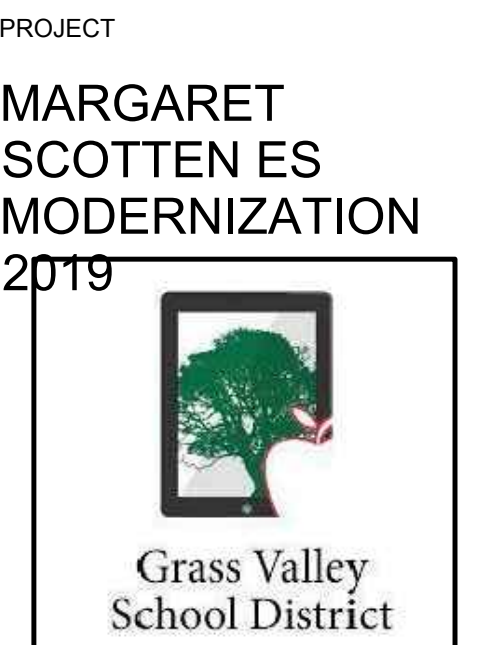
Typ Stud Framing @ Corners



Typ Stud Framing @ Corners

Header Depth Schedule (u.n.o. on plan)

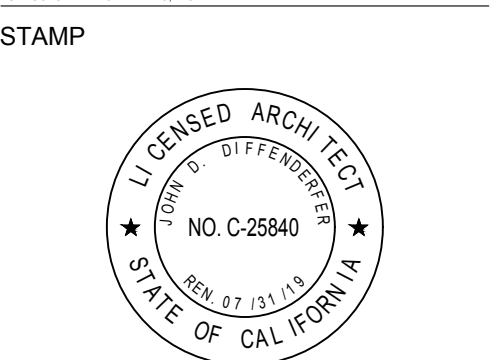
width of opening	brg wall	non-brg
0 to 4'-0"	6"	4"
> 4'-0" to 8'-0"	8"	6"
> 8'-0" to 10'-0"	10"	8"



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 Bevier Job No: 18054



STATE

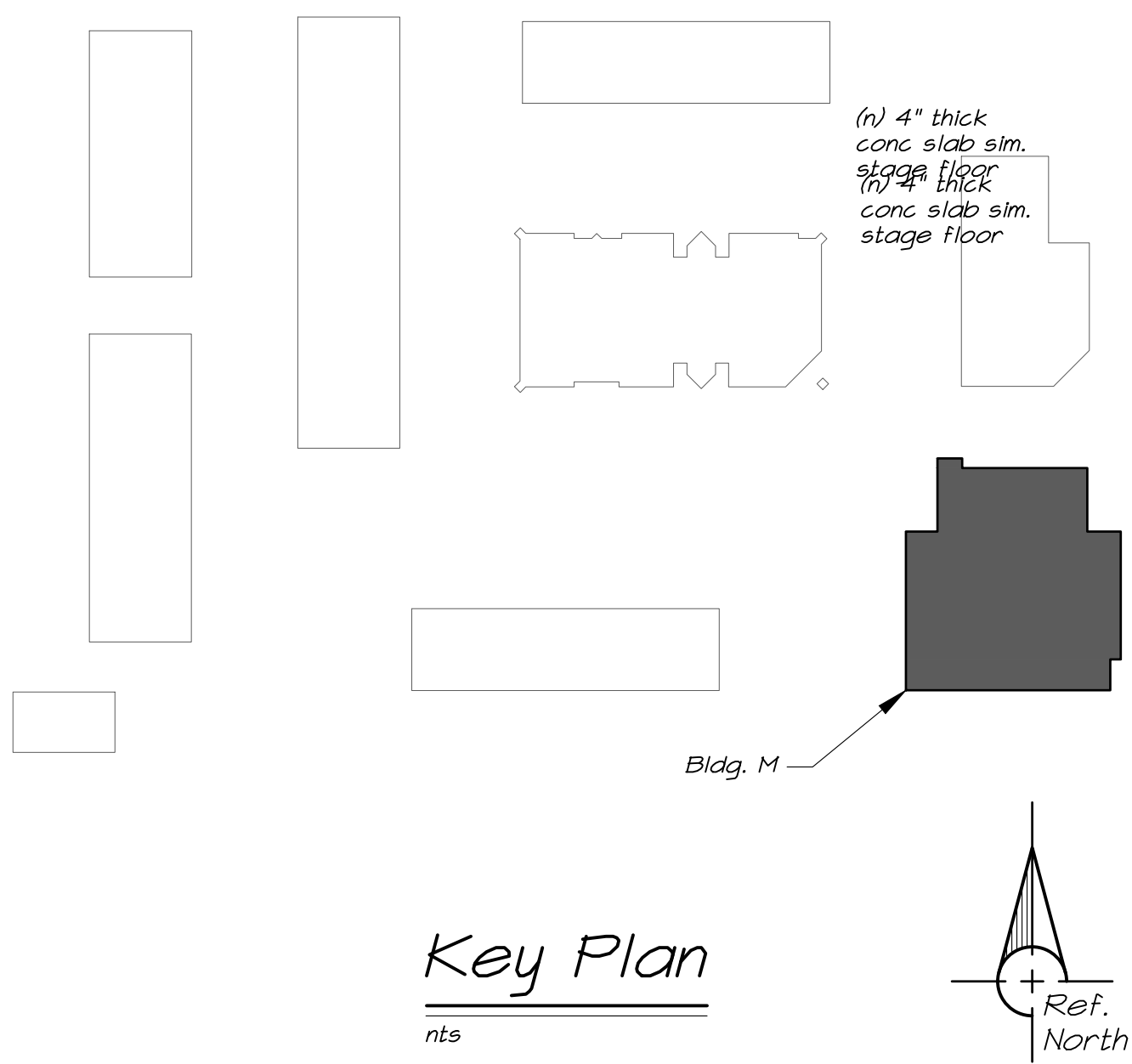
REVISIONS
 No. Description Date

MILESTONES
 SD
 DD
 50% CD
 90% CD
 DSA SUB 01/11/2019

SHEET
**BUILDING M
 FOUNDATION
 PLAN**

DATE 13/05/2019
 JOB # 2018045
 SHEET #

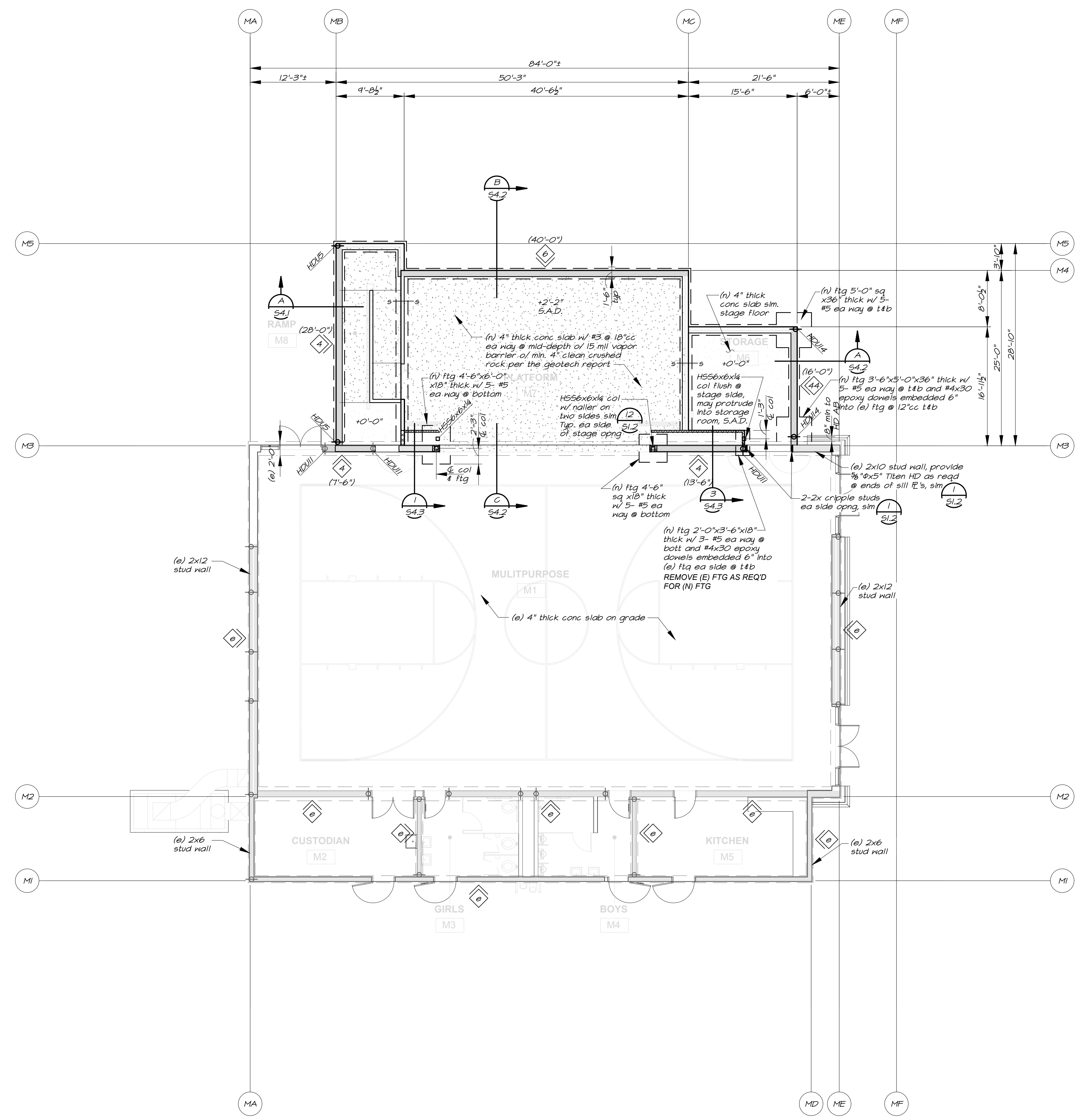
S2.1



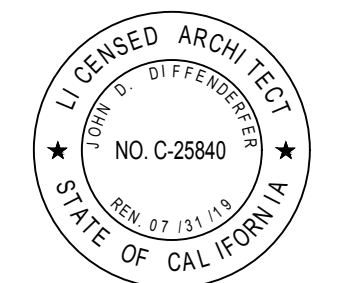
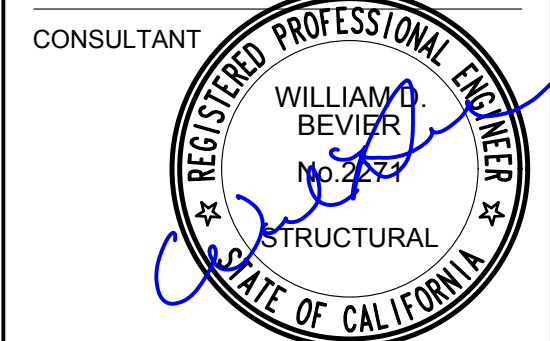
- Foundation Notes**
- Site preparation and building pad construction shall be done in accordance with the recommendations in the soils report, Project No. 5019.00, by the geotechnical engineer, NVS.
 - Verify all dimensions with architectural drawings. Notify Architect immediately of any discrepancies for resolution prior to proceeding.
 - Dimensions are to face of stud (FS) typical u.n.o.
 - Continuous footings shall be 18" wide minimum u.n.o.
 - Spread footings are centered on walls, posts and columns typical u.n.o.
 - Top of concrete slab = reference elevation +0'-0".
 - Stud walls are 1 1/2"x14" LVL studs @ 16"cc typical u.n.o.
 - Walls shall have 3/8" anchor bolts with 1" embedment spaced @ 4'-0"cc minimum u.n.o.
 - Locate all holdowns in field. See architectural floor plans for locations of door and window openings and coordinate with such.
 - For typical wall framing details see (S1.2)
 - For typical reinforcing bends and corner reinforcing see (S1.1)
 - For pipe penetrations through continuous footings see (S1.1)
 - Contractor to submit slab control joint layout for approval see (S1.5)
 - (S1.1) Indicates shearwall type and minimum length of wall to be sheathed at first story walls. For sheathing, nailing, sill fl, and anchor bolts see (S1.1)
 - (S1.2) Indicates holddown, see plan for size and type. See (S1.2) for typical holddown details
 - (S1.3) Indicates HSS column, size indicated on plan.
 - (S1.4) Indicates footing step location. Contractor to field verify exact step locations, see (S1.4)

Shearwall Schedule			
Mark	Sheathing	Edge Nailing	Anchor Bolts
(S1.1)	3/2" APA rated shgt	Ed @ 6"cc	3/8" @ 48"cc
(S1.2)	3/2" APA rated shgt	Ed @ 4"cc	3/8" @ 32"cc
(S1.3)	3/2" APA rated shgt Both Sides	Ed @ 4"cc	3/8" @ 16"cc
(S1.4)	existing		

- Notes**
- Symbol Nomenclature:
 (S1.1) - number indicates shearwall type per schedule above
 (x'-x') - minimum required length of panel (actual length may be longer)
 - Field nailing to be Ed @ 12"cc typical.
 - Holddown bolts shall not be considered to replace (or act as) anchor bolts.
 - 2x PTDF mud sill typ. Anchor bolts shall be 3/8" @ 4" min. embedment. Space anchor bolts @ 48"cc u.n.o. There shall be at least 2 bolts for each piece of sill and an anchor bolt not more than 4" and not less than 4 1/2" from each end of each piece of sill.
 - For typical plywood shearwall nailing see (S1.2)
 - All exterior walls not designated as shear walls shall be constructed per (S1.4)
 - Shear walls more than one vertical panel in height shall have either vertical or horizontal staggered splice joints. Provide min 2x blocking at all unsupported panel edges u.n.o. See note 10 below.
 - The minimum edge distance for nails in the framing members and the plywood shall be 3/8" for 2" nominal framing members and 1/2" for 3" nominal framing members.
 - All nails to be common wire nails, typical u.n.o.
 - Where panels are applied on both faces of the wall and nail spacing is less than 6", panel joints shall be offset or framing/blocking at adjoining panel edges shall be 3" nominal or wider and nails at all panel edges shall be staggered.
 - Foundation anchor bolts shall have a steel plate washer under each nut not less than 0.224"x3"x3" in size. The hole in the plate washer shall be permitted to be diagonally slotted with a width up to 1/8" larger than the bolt diameter and a slot length not to exceed 1 1/4". provided a standard cut washer is placed between the plate washer and the nut. The plate washer shall extend to within 1/2" of the edge of the bottom plate on the side with sheathing where edge nailing is spaced 4" or less. Where sheathing is required on both sides of the wall, this requirement shall be met by either 1) wider plate washers or 2) Reduce required bolt spacing by 50% and stagger bolts so that plate washers are within 1/2" of the nearest edge.
 - Shear material may be applied to either side of wall framing, typ u.n.o.



Building M Foundation Plan
 1/8"=1'-0"



REVISIONS

No.	Description	Date

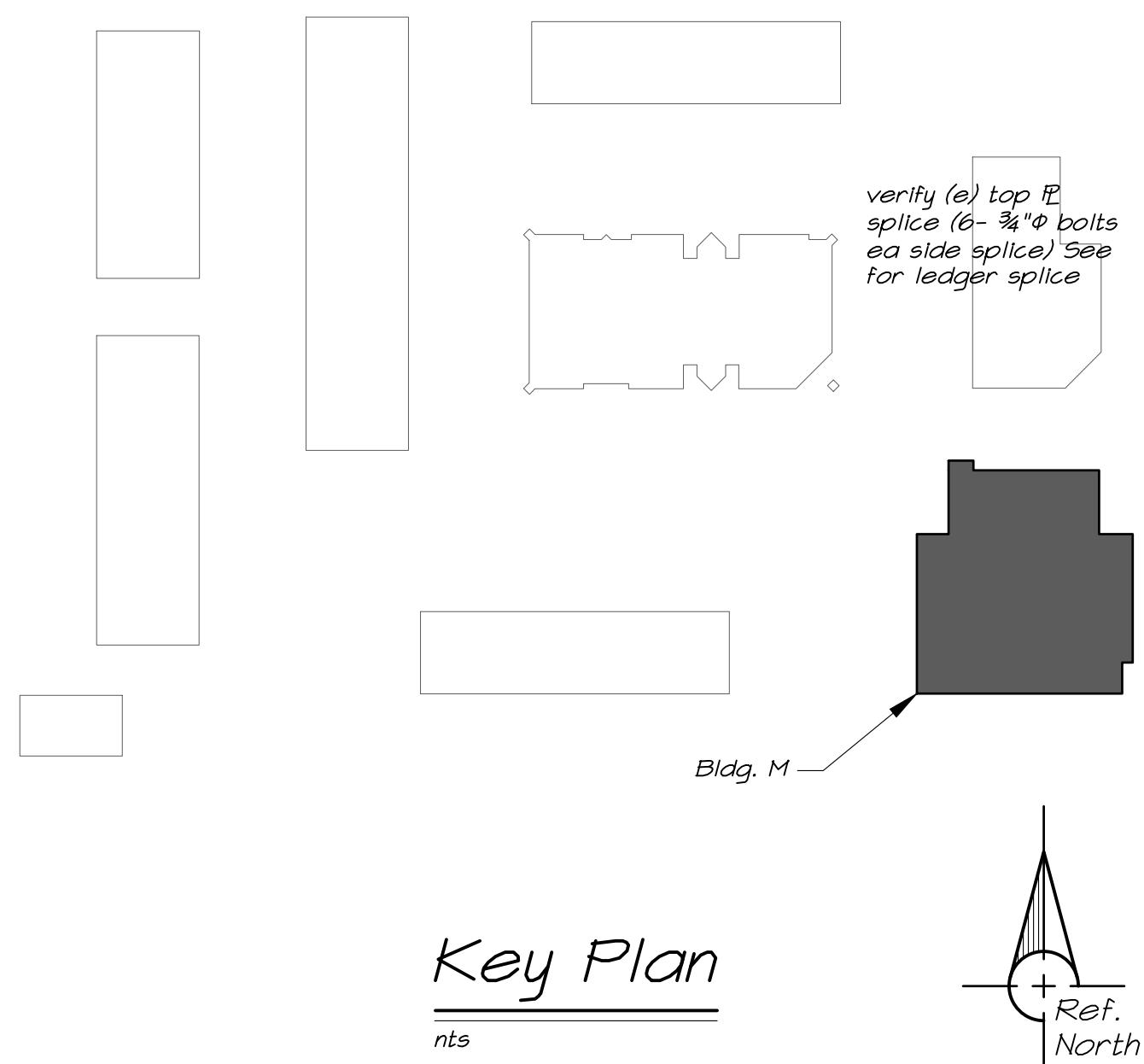
MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019

SHEET
**ROOF FRAMING
 PLAN**

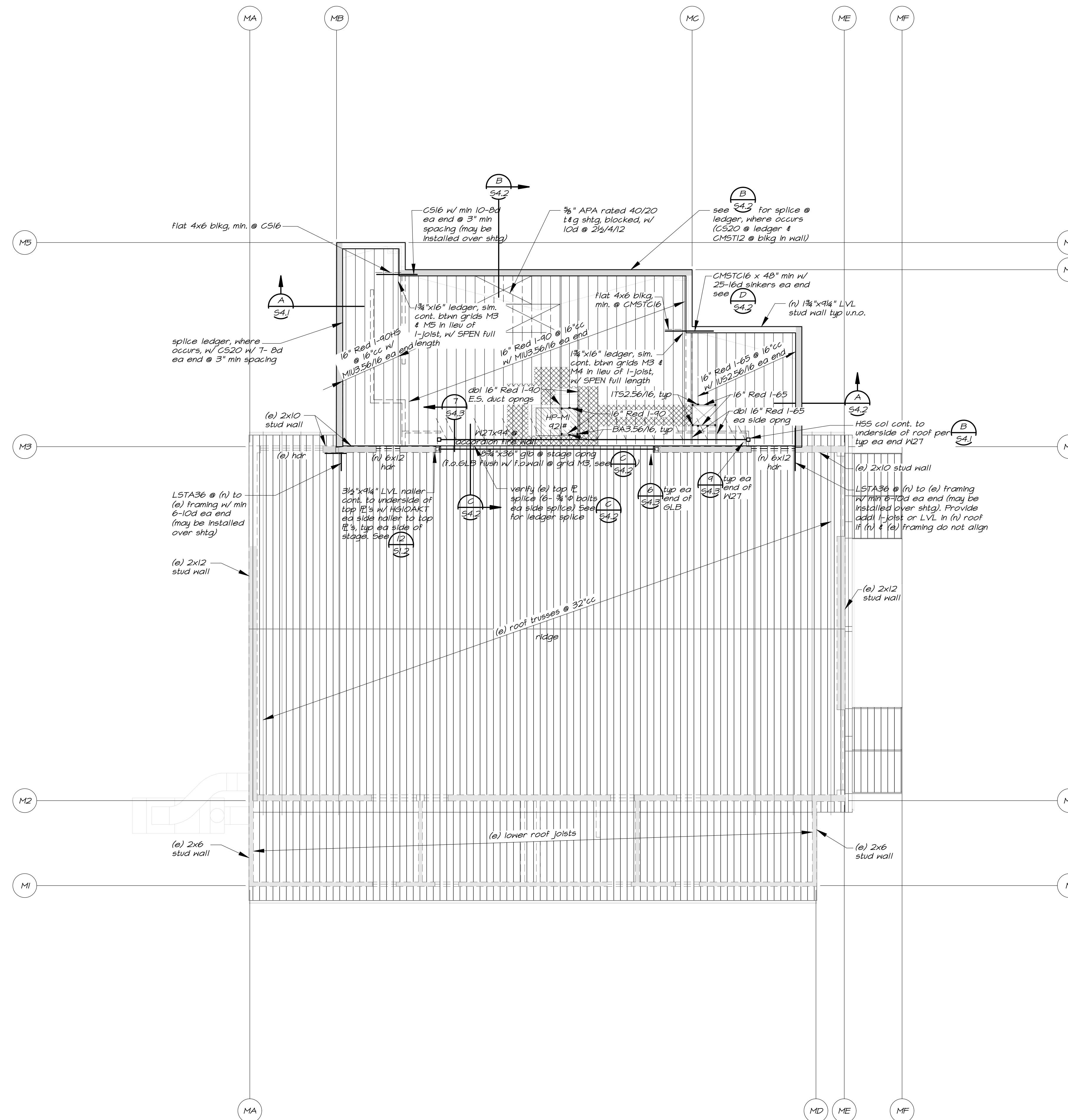
DATE
 13/05/2019
 JOB #
 2018045
 SHEET #

S2.2



Roof Framing Notes

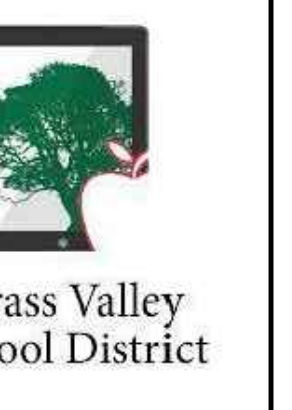
1. Indicates wood post. See Foundation Plan for size.
2. Indicates HSS column, see Foundation Plan for size.
3. Indicates top of wall elevation above reference elevation +0'-0".
4. Indicates approximate location & height of mechanical unit. Coordinate location with mechanical drawings. For typical framing at mechanical units see S1.2



Roof Framing Plan
 1/8" = 1'-0"

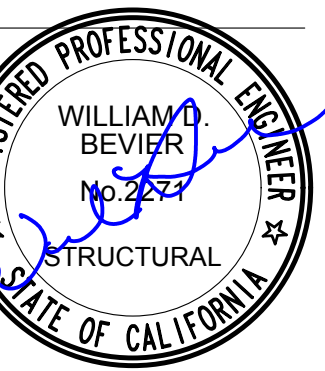
PROJECT

MARGARET
 SCOTTEN ES
 MODERNIZATION
 2019



GRASS VALLEY SCHOOL
 DISTRICT

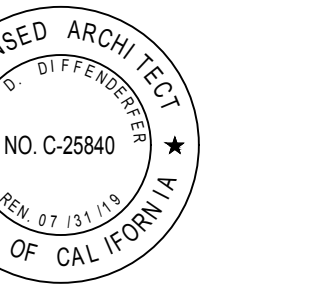
CONSULTANT



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BEVIER

STAMP



STATE

REVISIONS

No.	Description	Date

MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019

SHEET

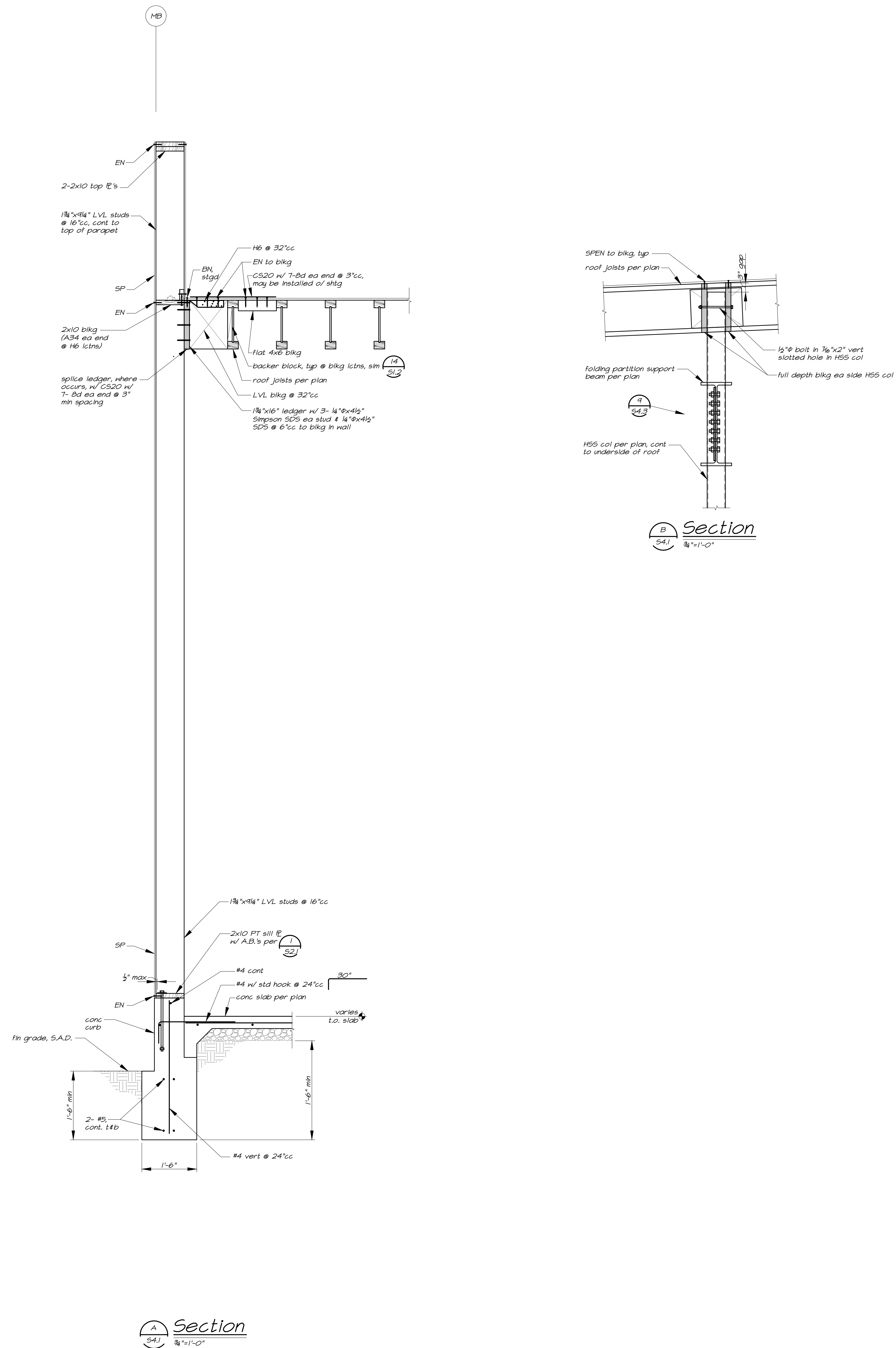
SECTIONS

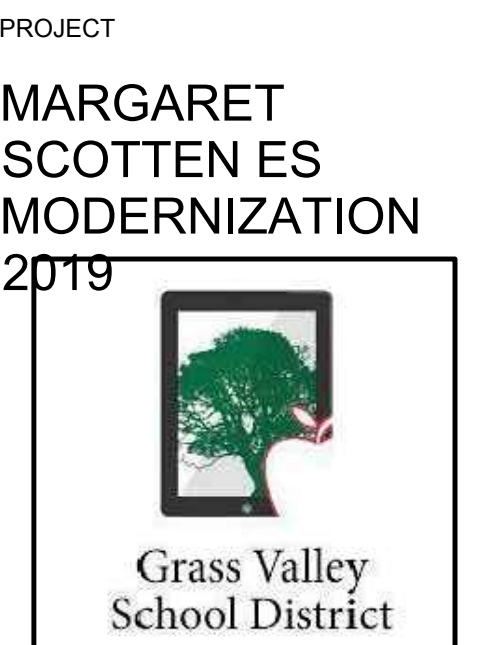
DATE 13/05/2019

JOB # 2018045

SHEET #

S4.1

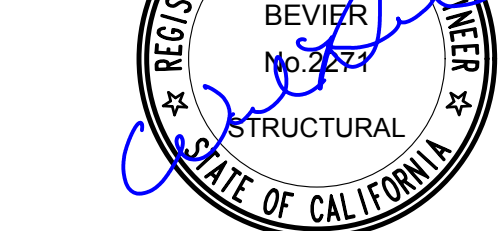




PROJECT
**MARGARET
 SCOTTEN ES
 MODERNIZATION
 2019**

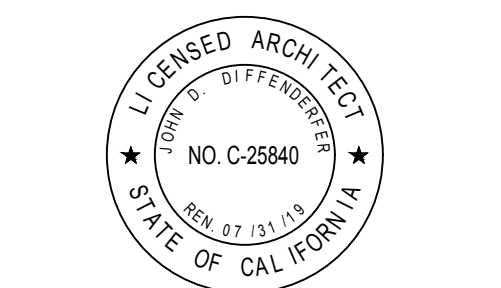
Grass Valley School District

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STAMP



STATE

REVISIONS

No. Description Date

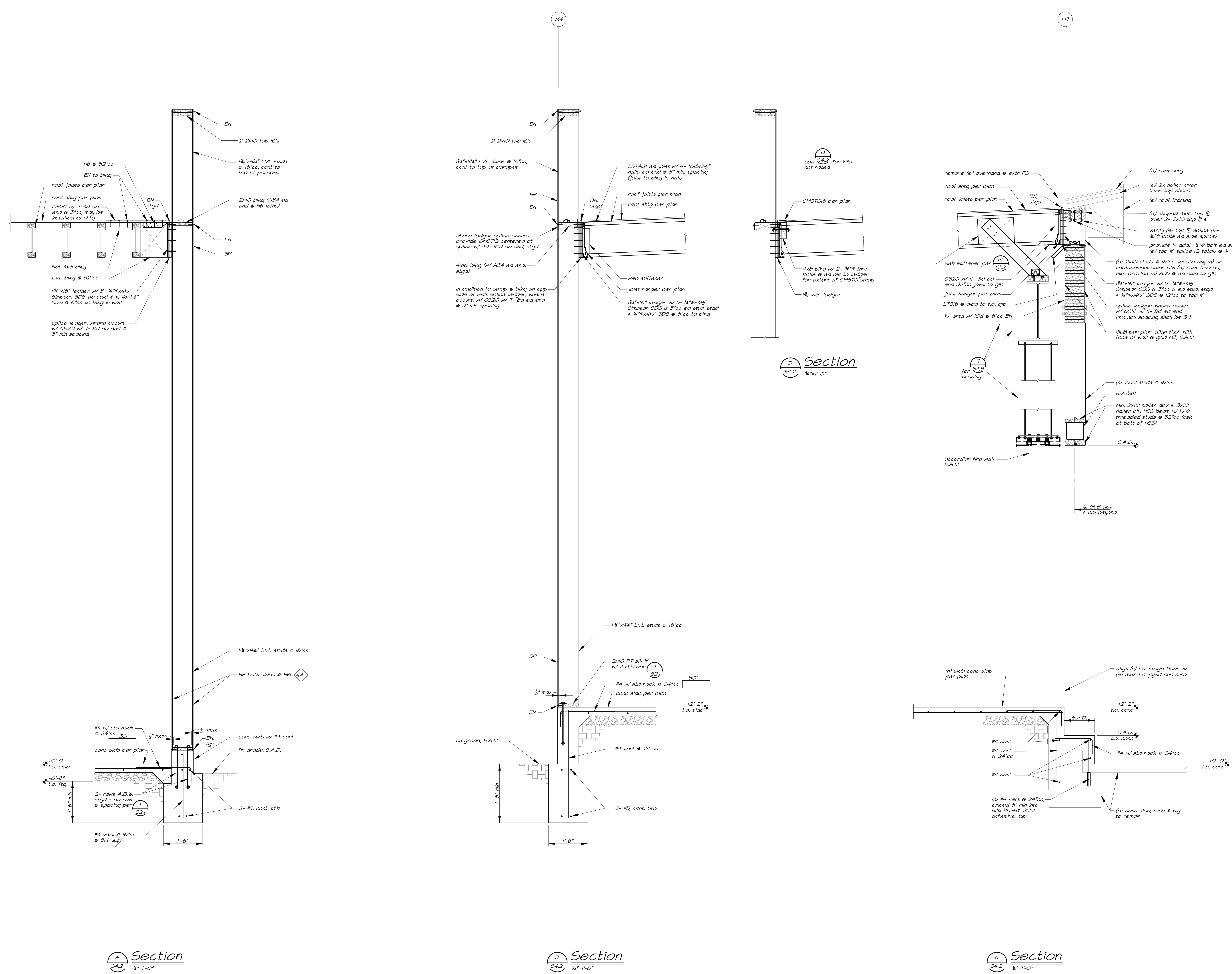
MILESTONES
 SD
 DD
 50% CD
 90% CD
 DSA SUB 01/11/2019

SHEET

SECTIONS

DATE 13/05/2019
 JOB # 2018045
 SHEET #

S4.2



A Section
 S4.2 3/8"=1'-0"

B Section
 S4.2 3/8"=1'-0"

C Section
 S4.2 3/8"=1'-0"

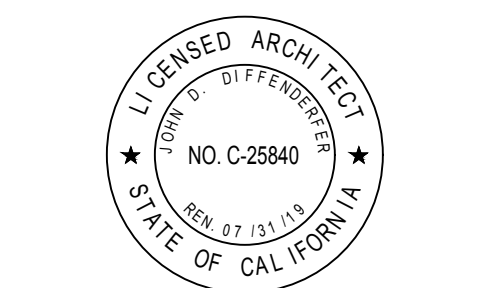


GRASS VALLEY SCHOOL DISTRICT



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 Bevier Job No: 18054

STAMP



STATE

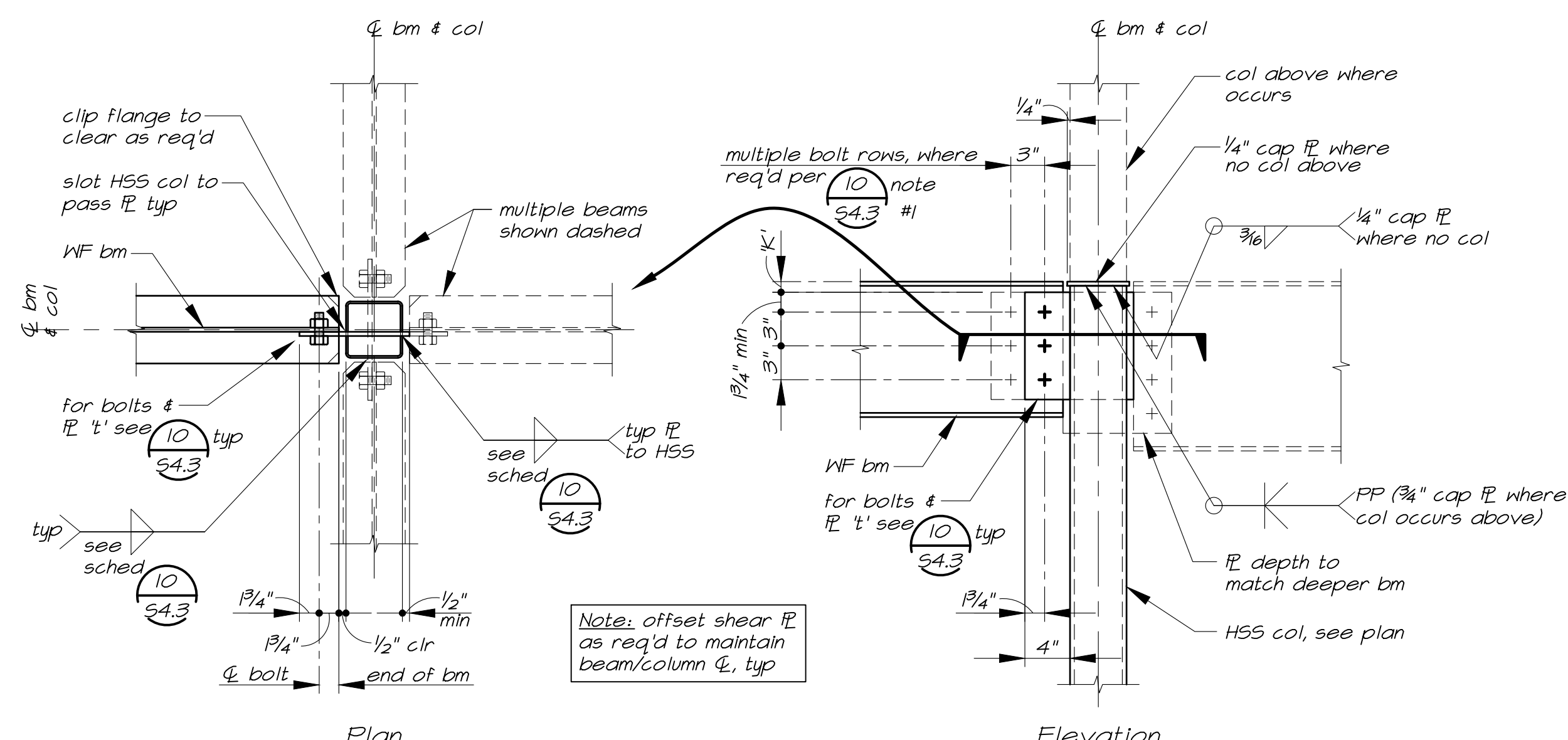
REVISIONS
 No. Description Date

MILESTONES
 SD
 DD
 50% CD
 90% CD
 DSA SUB 01/11/2019

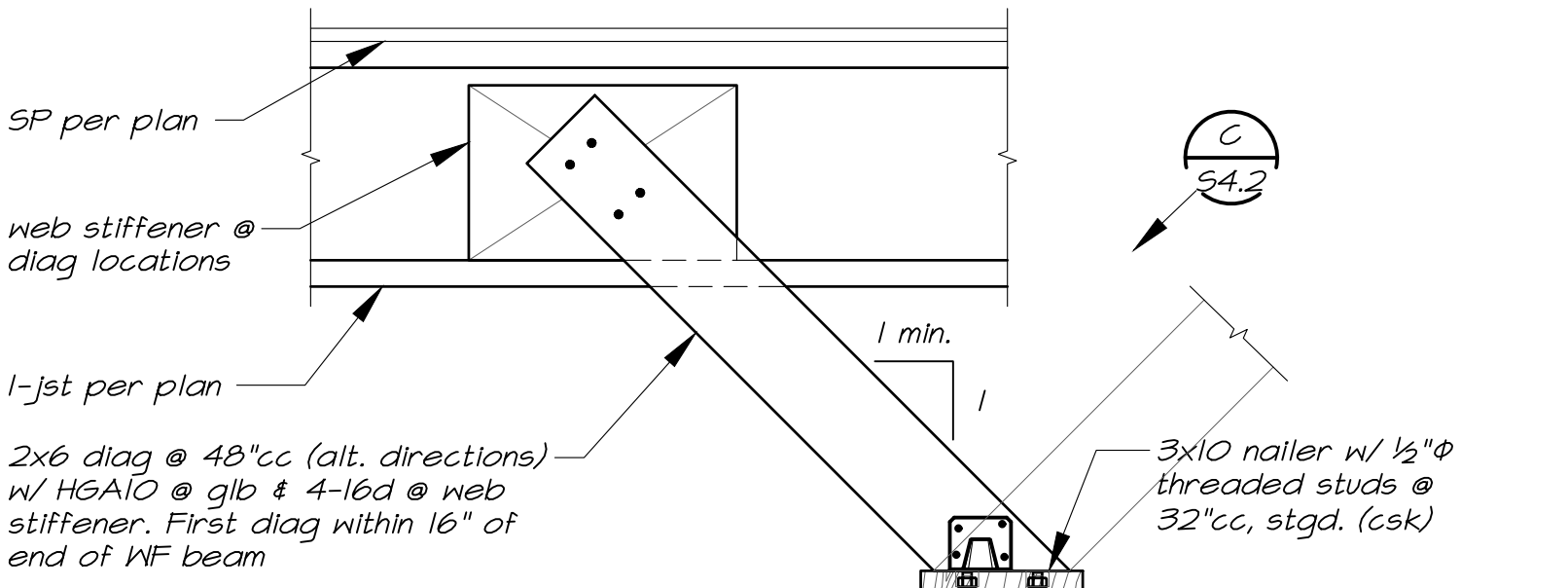
SHEET
DETAILS

DATE 13/05/2019
 JOB # 2018045
 SHEET #

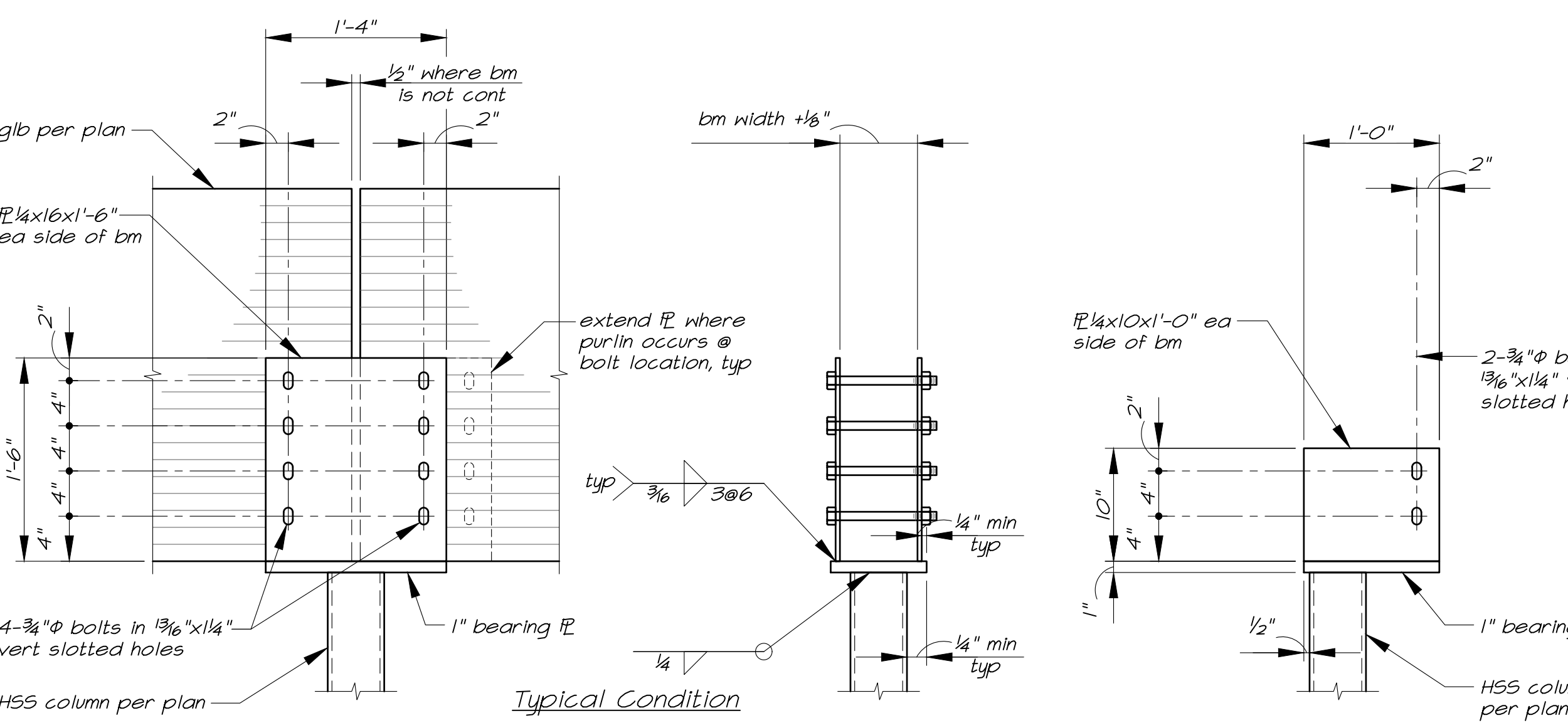
S4.3



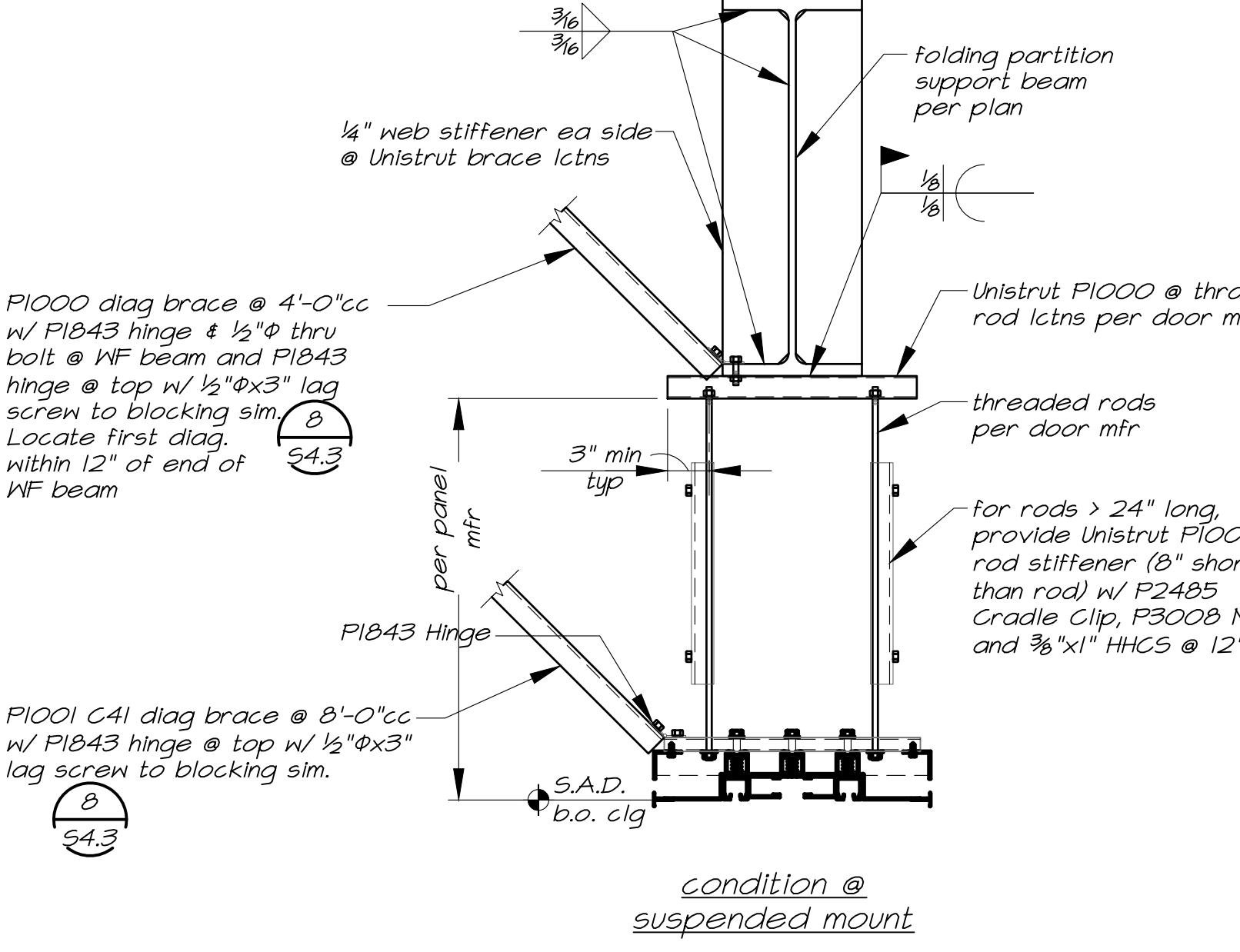
9 Beam to Column Connection
 S4.3 1"=1'-0" one or multiple sides



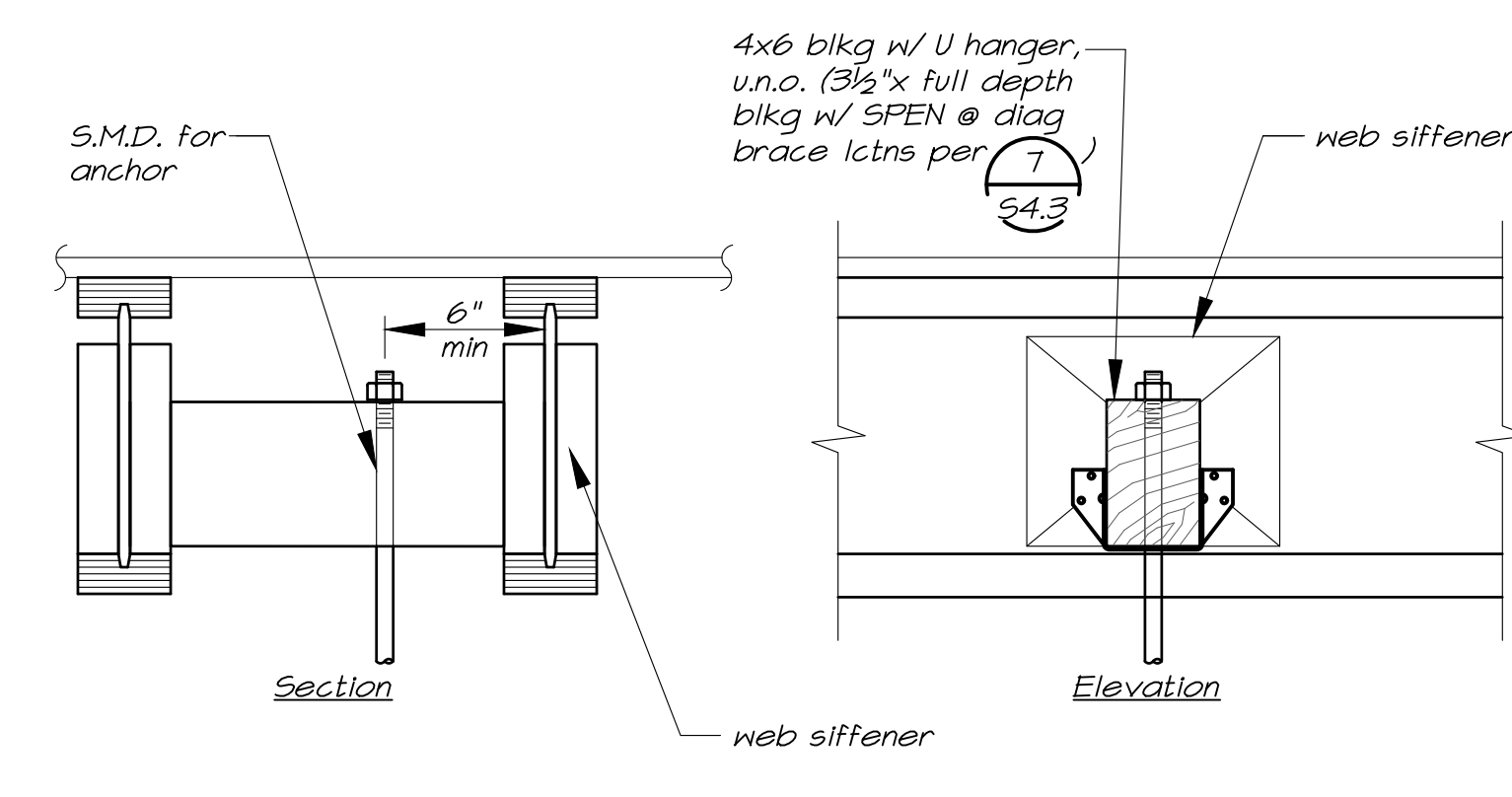
10 Connection Schedule
 S4.3 n.t.s.



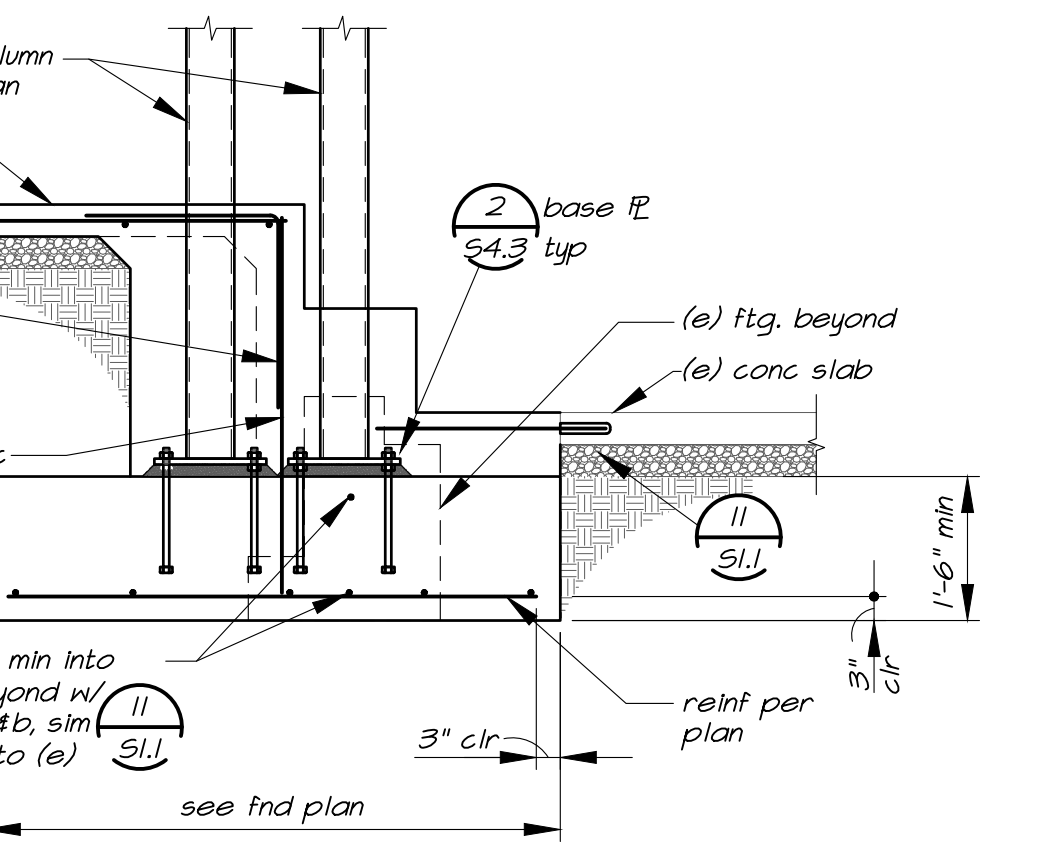
6 Column Cap @ Wood Beam
 S4.3 1"=1'-0"



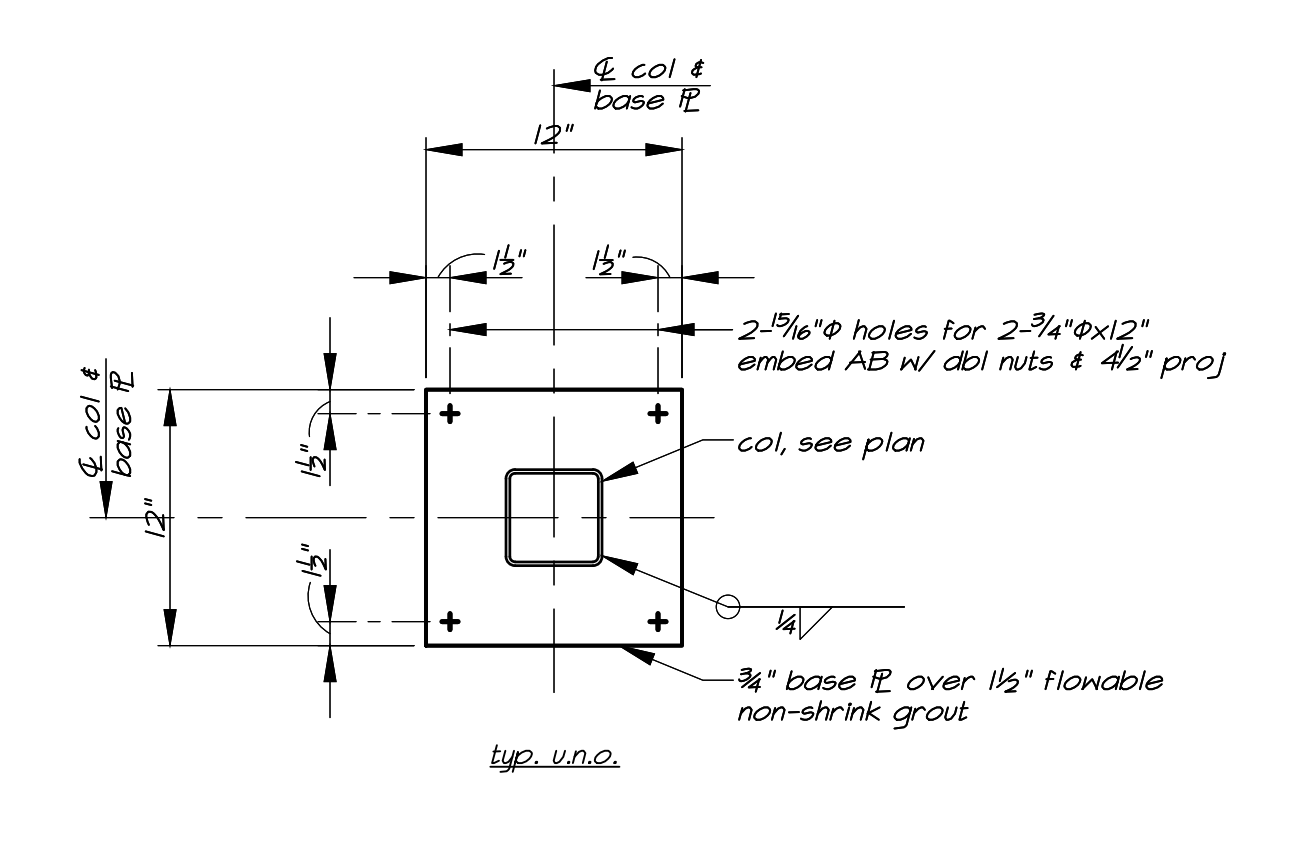
7 Detail
 S4.3 1"=1'-0" partition support



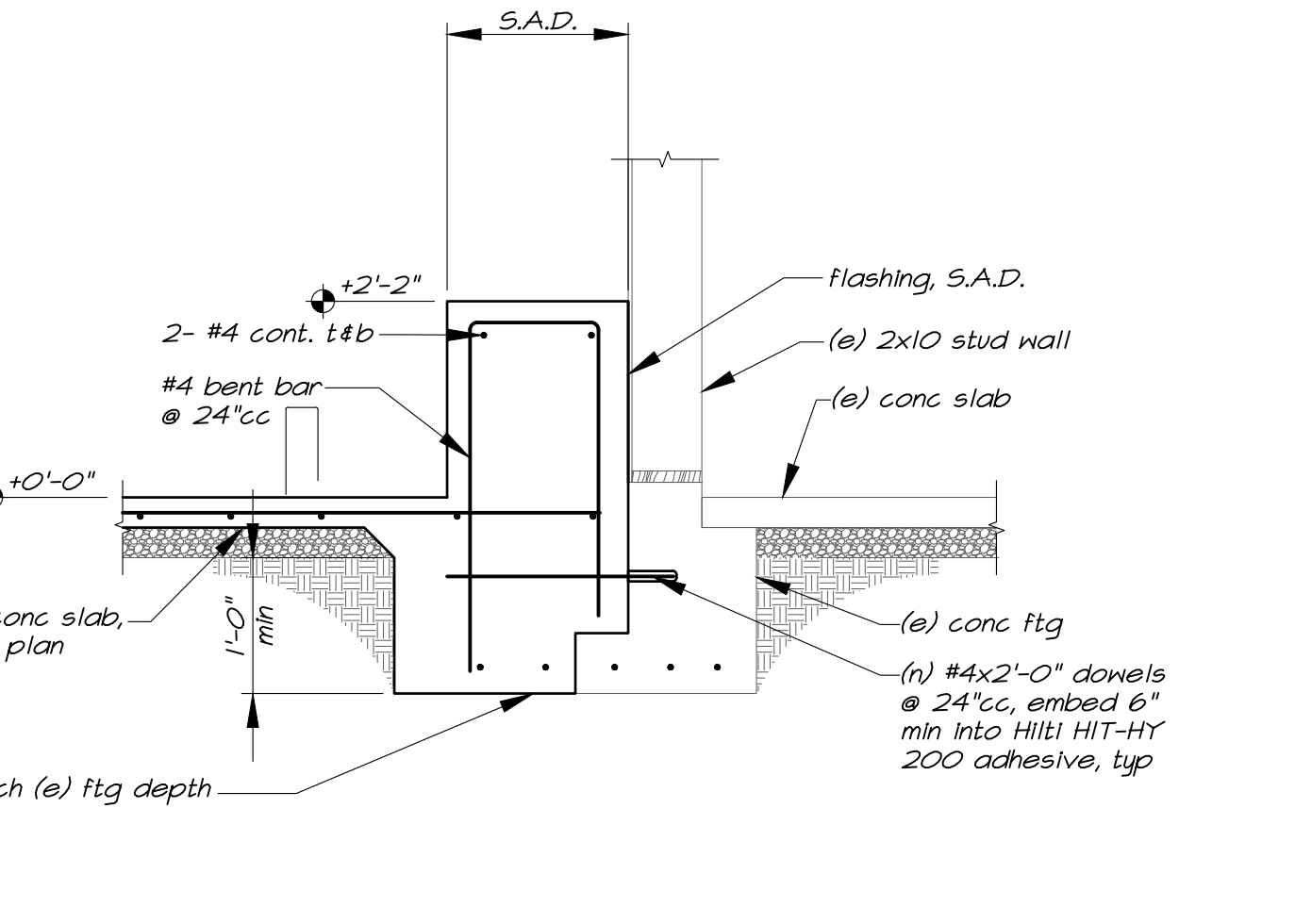
8 Suspended Mech'l @ 1-Joists
 S4.3 Suspended Load not to exceed 250 pounds



1 Column Footing
 S4.3 1/2"=1'-0"



2 Base P
 S4.3 1"=1'-0"



3 Detail
 S4.3 1/2"=1'-0"

4 Not Used
 S4.3 1/2"=1'-0"

5 Not Used
 S4.3 1/2"=1'-0"

STATE OF CALIFORNIA
ENVELOPE COMPONENT APPROACH
 CERTIFICATE OF COMPLIANCE
 Envelope Component Approach
 Project Name: Margaret Scotten ES Modernization 2019 BLDG MP CLASSROOM/STAGE Date Prepared: 1/11/2019

CA Building Energy Standards - 2016 Nonresidential Compliance January 2016

STATE OF CALIFORNIA
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 Project Name: Margaret Scotten ES Modernization 2019 BLDG MP CLASSROOM/STAGE Date Prepared: 1/11/2019

CA Building Energy Standards - 2016 Nonresidential Compliance January 2016

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BUILDING ENERGY ANALYSIS REPORT

PROJECT:
 Margaret Scotten ES Modernization 2019 BLDG MP CLASSROOM/STAGE
 10821 Squirrel Creek Rd
 Grass Valley, CA 95945

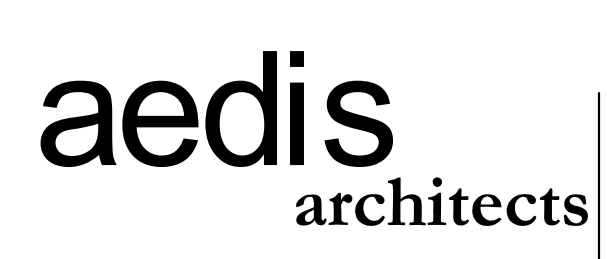
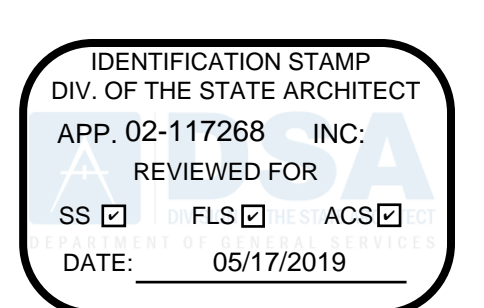
Report Designer:
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 387 S. 1st Street, Suite 300
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 408-300-5160

Report Prepared by:
 Sean Tichenor PE
 Peters Engineering
 2411 Alhambra Blvd, Suite 100
 Sacramento, CA 95817
 916-447-2841

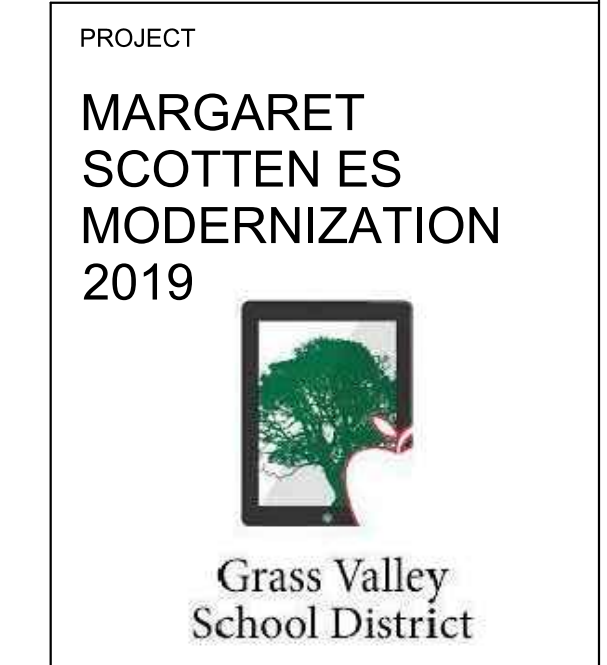
Job Number:
 18.098

Date:
 1/11/2019

The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. The program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2016 Building Energy Efficiency Standards. This program developed by EnergySoft Software - www.energysoft.com



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ENVELOPE MANDATORY MEASURES: NONRESIDENTIAL ENV-MM

Project Name: Margaret Scotten ES Modernization 2019 BLDG MP CLASSROOM/STAGE Date: 1/11/2019

DESCRIPTION

Building Envelope Measures:

\$110.8(a) Installed insulating material shall have been certified by the manufacturer to comply with the California Quality Standards for insulating material, Title 20 Chapter 4, Article 3.

\$110.8(c) All Insulating Materials shall be installed in compliance with the flame spread rating and smoke density requirements of Sections 2020 and 707 of Title 24, Part 2.

\$110.8(g) Heated slab floors shall be insulated according to the requirements in Table 110.8-A.

\$110.7(a) All Exterior Joints and openings in the building that are observable sources of air leakage shall be caulked, gasketed, weatherstripped or otherwise sealed.

\$110.6(a) Manufactured fenestration products and exterior doors shall have air infiltration rates not exceeding 0.3 cfm/ft² of window area, 0.3 cfm/ft² of door area for residential doors, 0.1 cfm/ft² of door area for nonresidential single doors (excluding and adding), and 1.0 cfm/ft² for nonresidential double doors (excluding).

\$110.6(a) Fenestration U-factor shall be rated in accordance with NFRC 100, or the applicable default U-factor.

\$110.6(a) Fenestration SHGC shall be rated in accordance with NFRC 200, or NFRC 100 for side-built fenestration, or the applicable default SHGC.

\$110.6(b) Site Constructor Doors, Windows and Skylights shall be caulked between the unit and the building, and shall be weatherstripped (except for infrared glass doors and fire doors).

\$110.6(b) The opaque portions of the roof/ceiling that separate conditioned spaces from unconditioned spaces or ambient air shall meet the applicable U-factor requirements as follows:

Metal Building: The weighted average U-factor of the roof assembly shall not exceed 0.09.

Wood Framed and Others: The weighted average U-factor of the roof assembly shall not exceed 0.075.

The opaque portions of walls that separate conditioned spaces from unconditioned spaces or ambient air shall meet the applicable U-factor as follows:

Metal Building: The weighted average U-factor of the wall assembly shall not exceed 0.113.

Metal Framed: The weighted average U-factor of the wall assembly shall not exceed 0.151.

Light Mass Walls: An 8 inch or greater Hollow Core Concrete Masonry Unit shall have a U-factor not to exceed 0.440.

Heavy Mass Walls: An 8 inch or greater Hollow Core Concrete Masonry Unit shall have a U-factor not to exceed 0.090.

Wood Framed and Others: The weighted average U-factor of the wall assembly shall not exceed 0.110.

Spandrel Panels andOpaque Curtain Walls: The weighted average U-factor of the spandrel panels and opaque curtain wall assembly shall not exceed 0.290.

Doublehung Walls: The opaque portions of framed doublehung walls shall meet the requirements of Item A or B below:

A. Wood framed walls shall be insulated to meet a U-factor not greater than 0.099.

B. Metal Framed walls shall be insulated to meet a U-factor not greater than 0.151.

The opaque portions of floors and ceilings that separate conditioned spaces from unconditioned spaces or ambient air shall meet the applicable U-factor requirements as follows:

\$120.7(c) **Raised Mass Floors:** Shall have a minimum of 3 inches of lightweight concrete over a metal deck or the weighted average U-factor of the floor assembly shall not exceed 0.200.

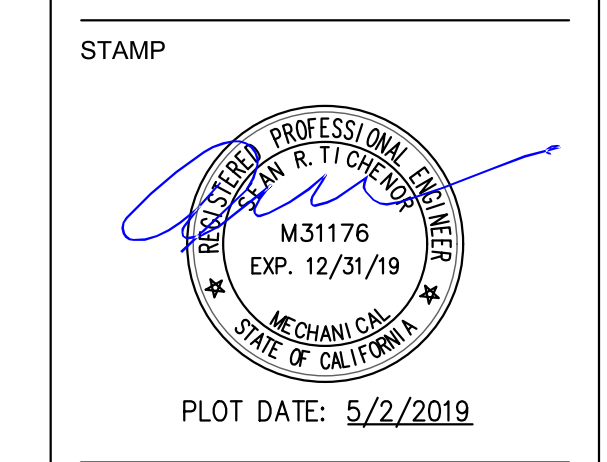
Other Floors: The weighted average U-factor of the floor assembly shall not exceed 0.071.

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MILESTONES

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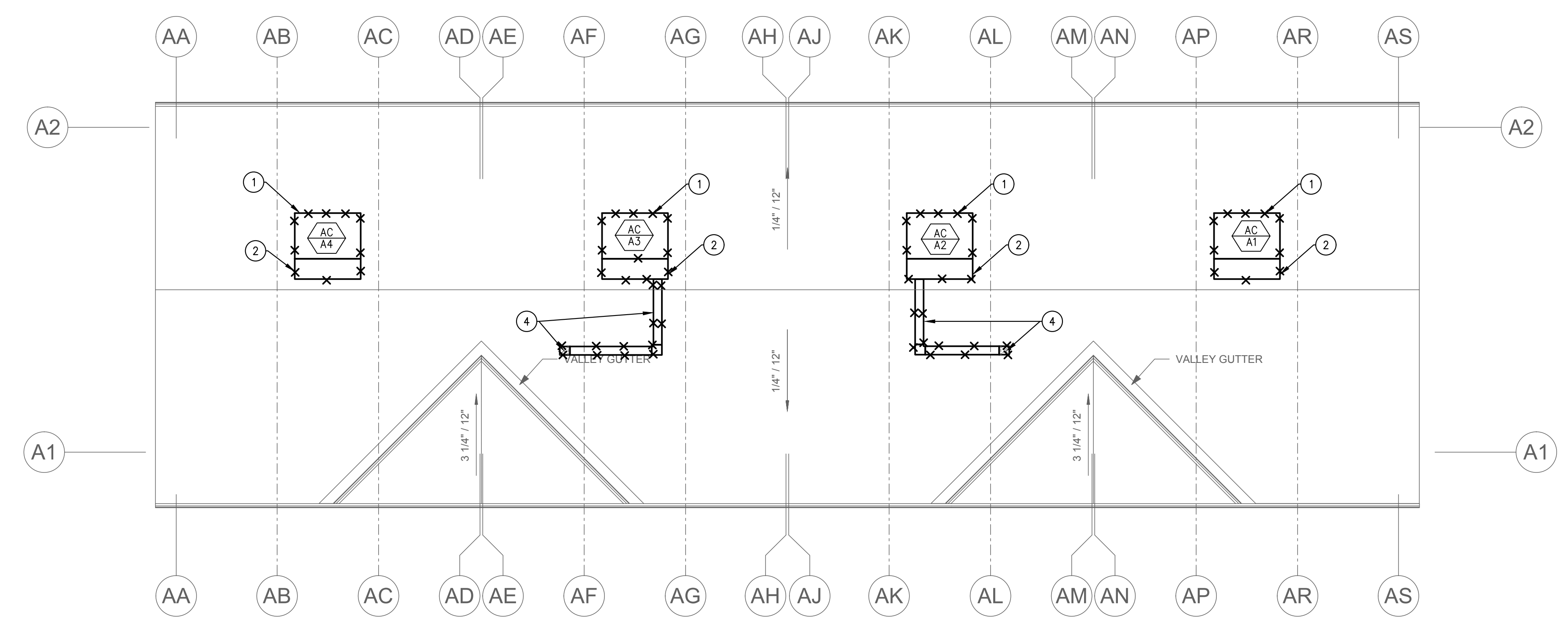
SHEET

TITLE 24

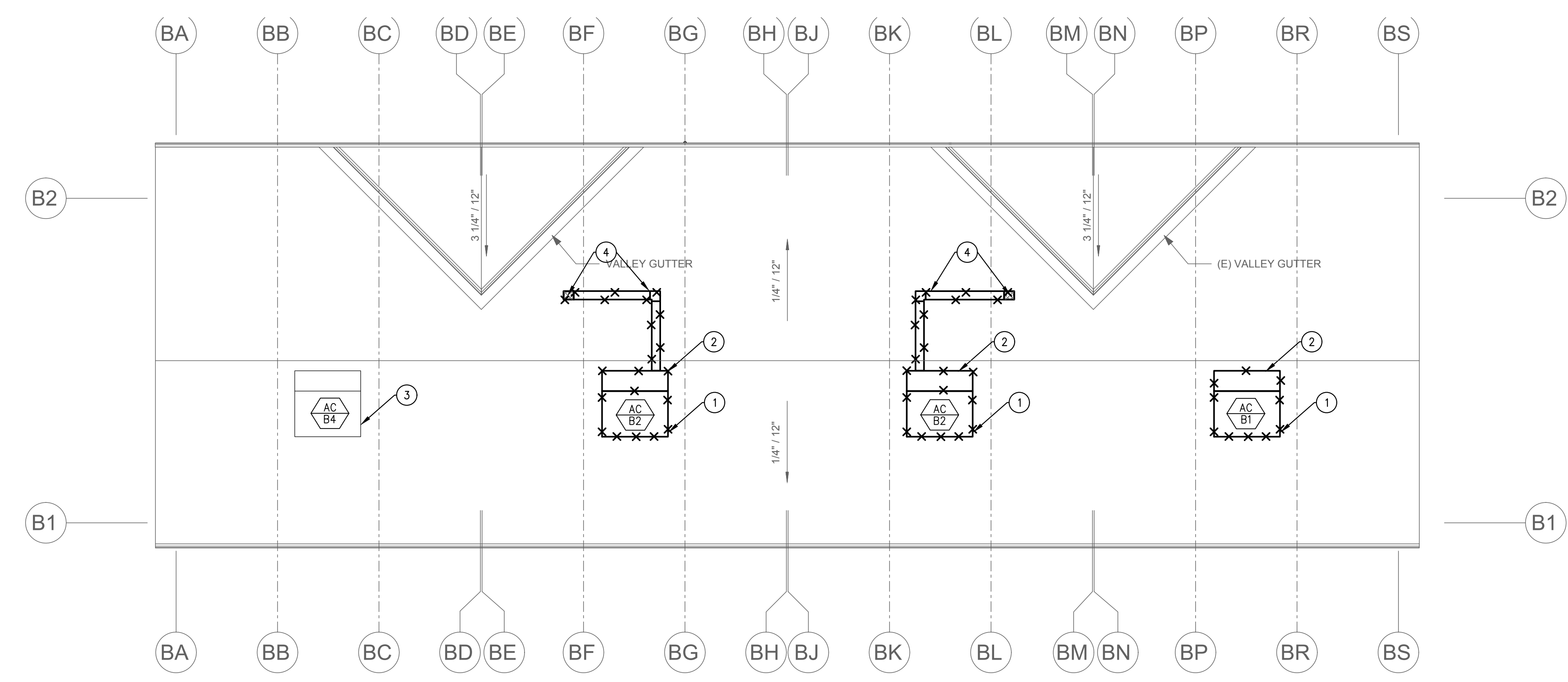
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 JOB #: 2018045
 SHEET #: **M0.02**

SHEET NOTES:
 1. APPROXIMATE LOCATION OF EQUIPMENT AND SENSORS BASED ON FIELD VISIT AND OUTDATED PLANS. FIELD VERIFY LOCATION BEFORE ANY WORK.

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 DIV. OF THE STATE ARCHITECT
 APP. 02-117268 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/17/2019



1 BUILDING A DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"



2 BUILDING B DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

- KEYED NOTES:**
- DISCONNECT ELECTRIC, GAS, AND CONDENSATE SERVICES TO EXISTING ROOFTOP UNIT. REMOVE UNIT AND EXISTING MECHANICAL PLATFORM. PREPARE ELECTRIC, GAS AND CONDENSATE SERVICES TO RECONNECT TO NEW REPLACEMENT UNIT.
 - REMOVE EXISTING ABOVE ROOF SUPPLY AND RETURN AIR DUCTS GOING DOWN THRU ROOF. PREPARE SUPPLY AND RETURN AIR DROPS TO CONNECT TO NEW AC UNIT ON TO OF NEW ROOF CURB.
 - EXISTING UNIT TO REMAIN AS IS WHERE IT IS. DO NOT DEMO OR DAMAGE UNIT OR SERVICES TO IT.
 - DEMOLISH EXISTING SUPPLY AIR DUCT ON ROOF ALL THE WAY TO THE POINT OF PENETRATING THE ROOF. KEEP THE ROOF OPENING STRUCTURE FOR NEW DUCT TO GO THRU ROOF AT SAME LOCATION.

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PROJECT
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PROFESSIONAL ENGINEER
 M31176
 EXP. 12/31/19
 MECHANICAL
 STATE OF CALIFORNIA

PLOT DATE: 5/2/2019

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MILESTONES

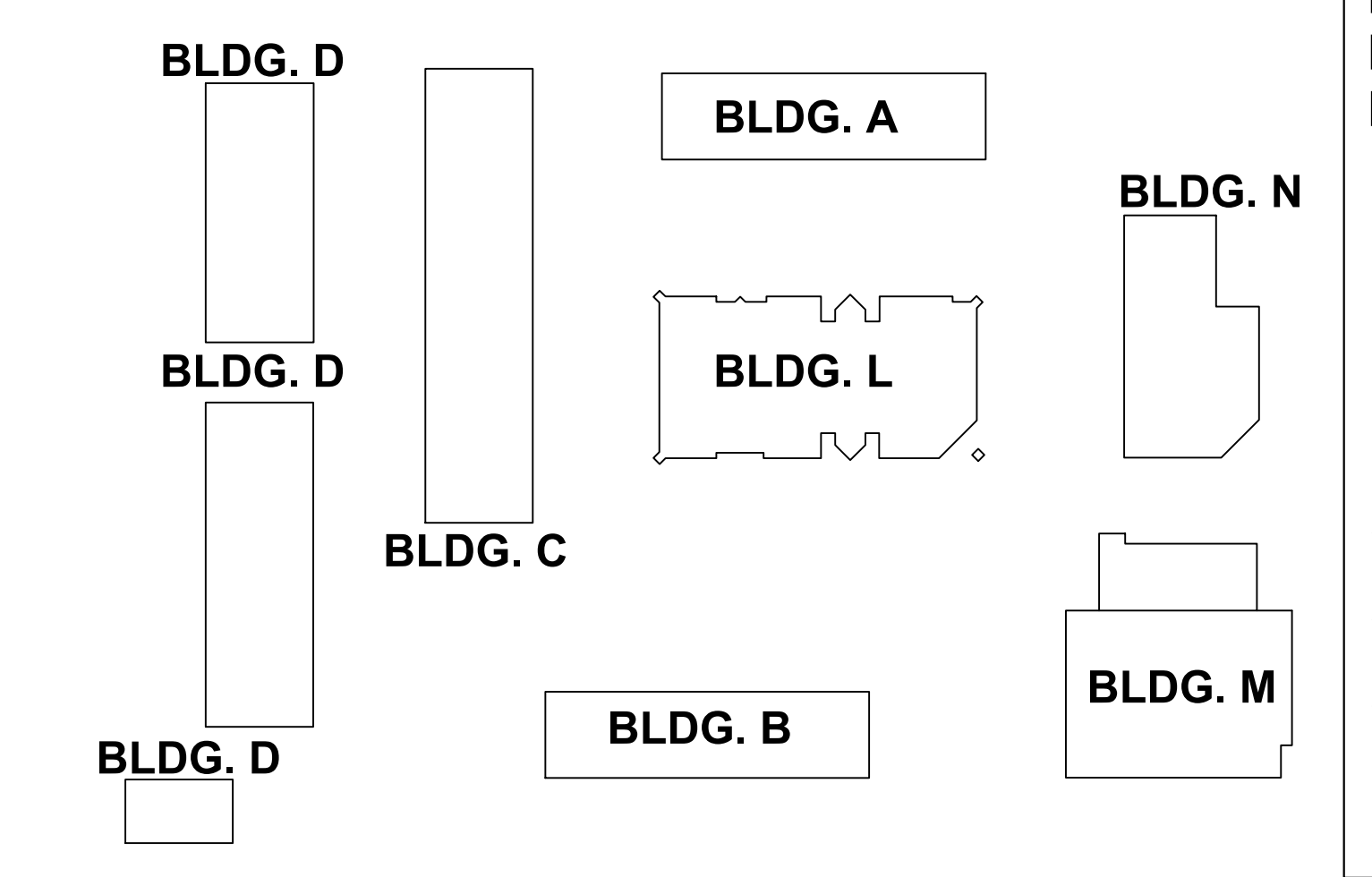
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- 90% CD
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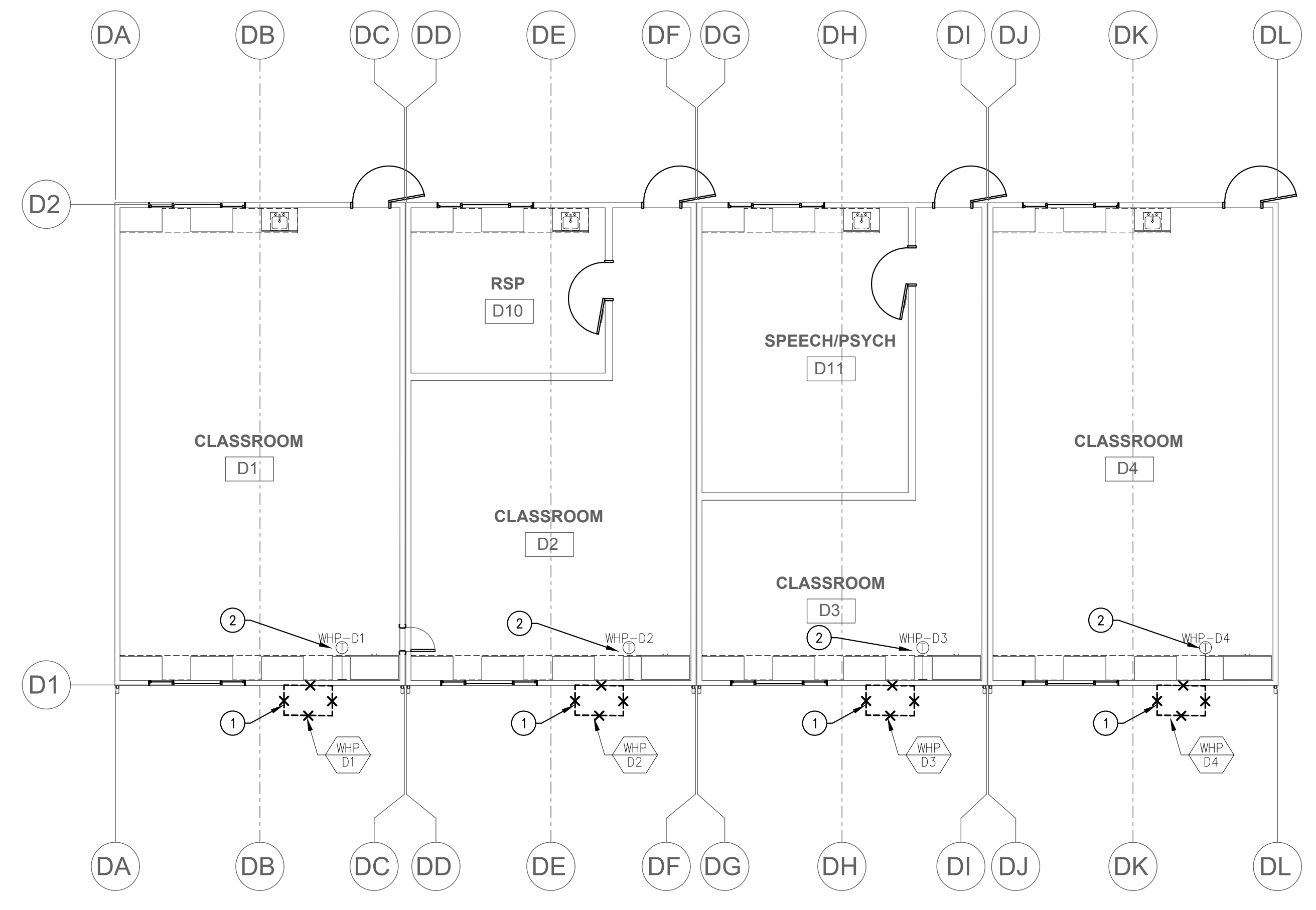
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BUILDINGS A & B ROOF - DEMOLITION

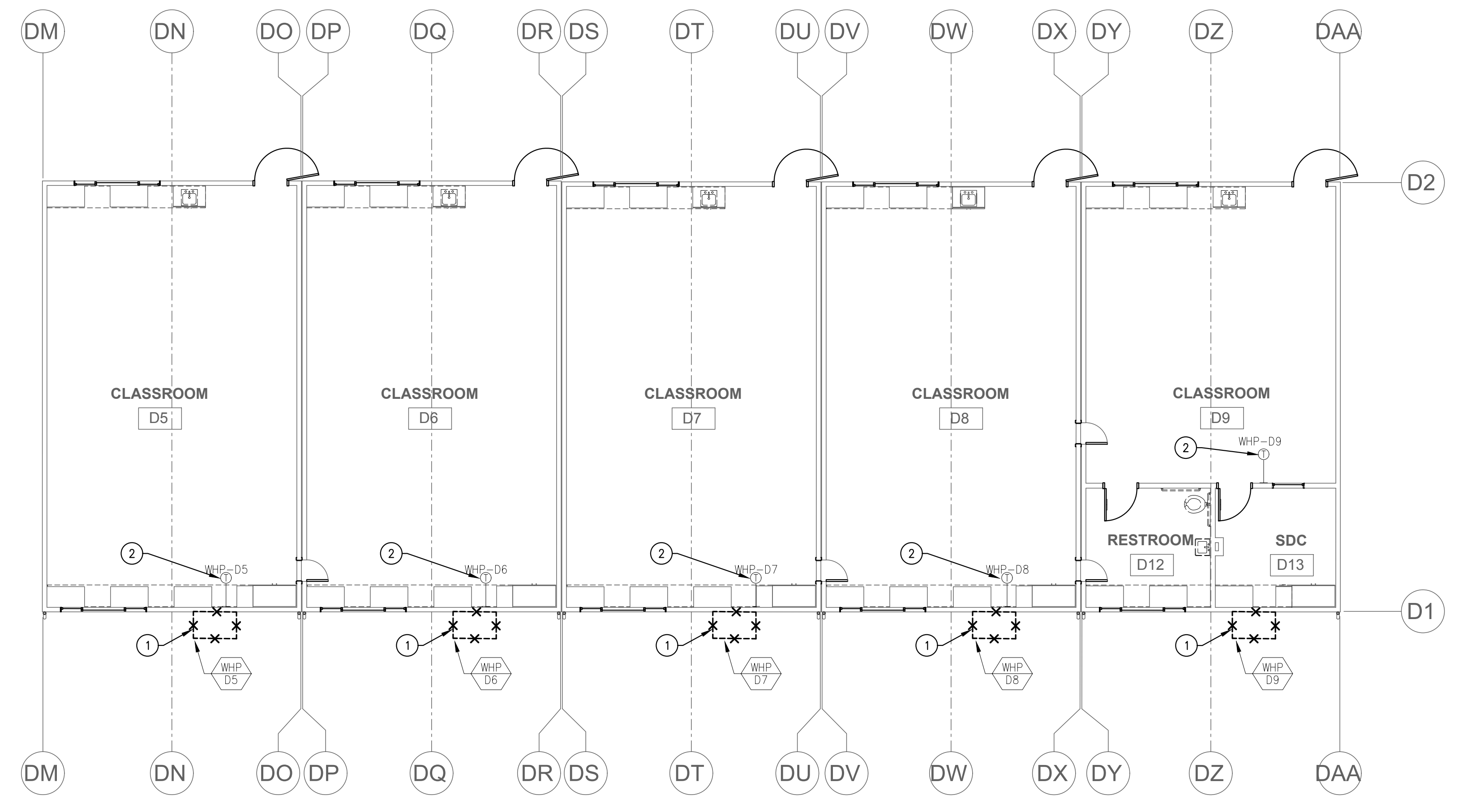
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 SHEET # **M2.22**

BUILDING KEY



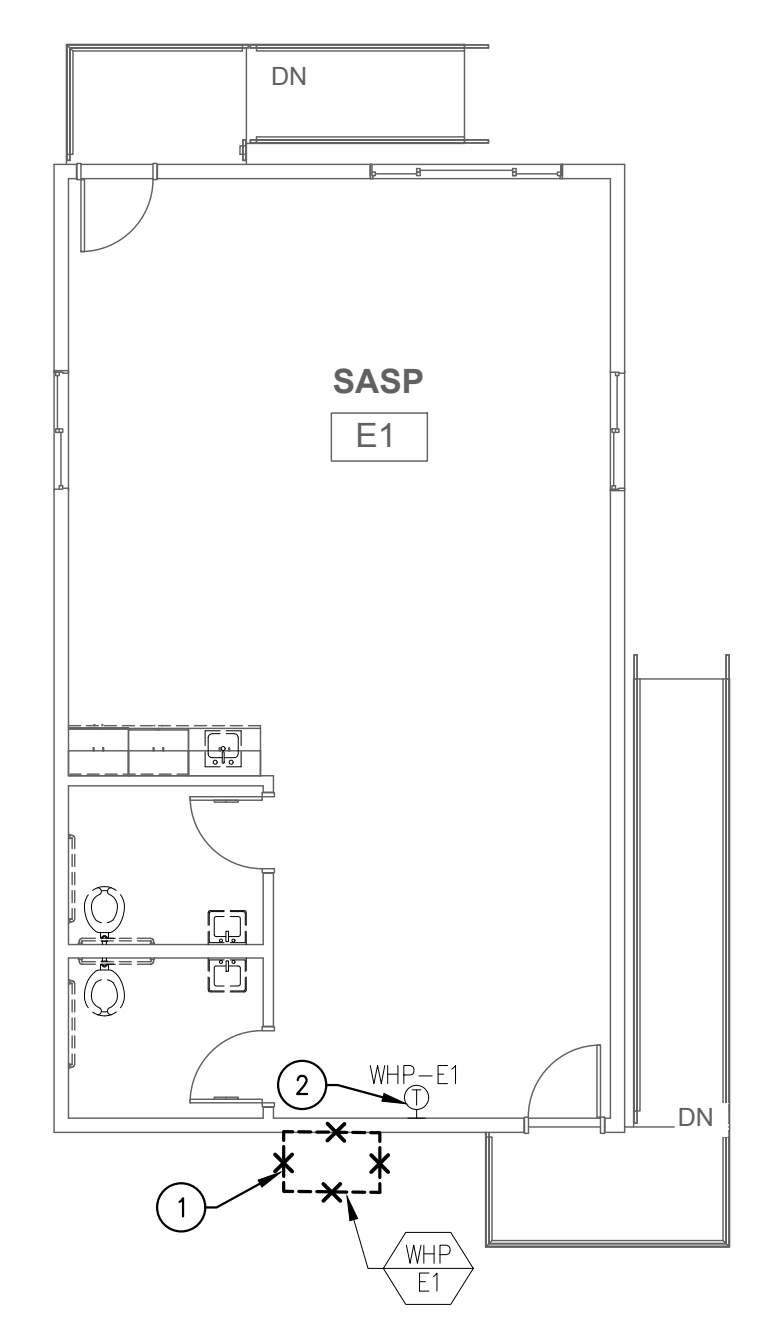


1 BUILDING D DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

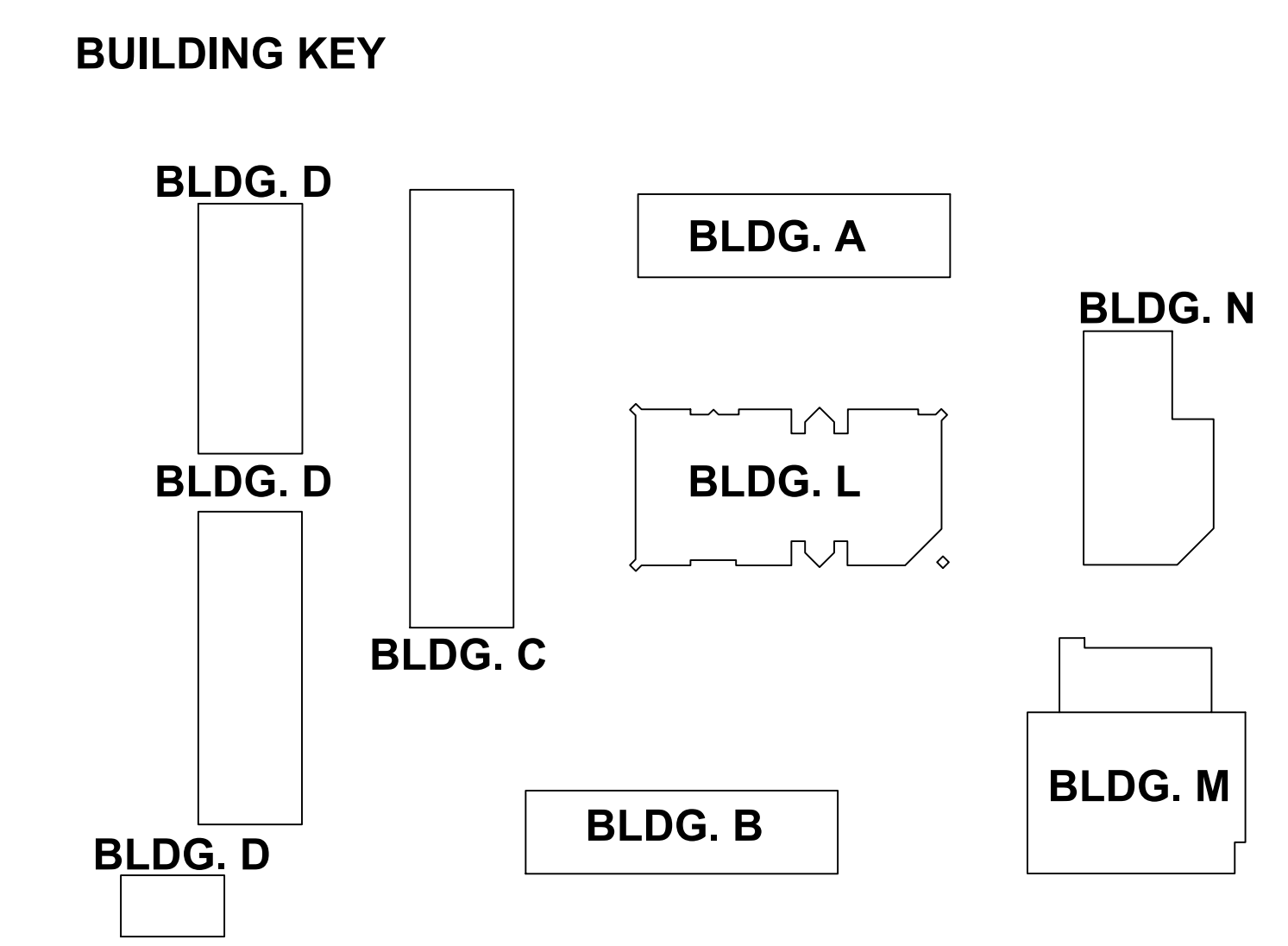


SHEET NOTES:
 1. APPROXIMATE LOCATION OF EQUIPMENT AND SENSORS BASED ON FIELD VISIT AND OUTDATED PLANS. FIELD VERIFY LOCATION BEFORE ANY WORK.

KEYED NOTES:
 1. EXISTING EXTERNAL WALL MOUNTED HEAT PUMP (WHP) UNIT TO BE REMOVED. DISCONNECT ELECTRICAL SERVICE AND, PREPARE SERVICES TO ACCOMMODATE NEW REPLACEMENT UNIT.
 2. EXISTING FELICIAN WIRELESS SYSTEM AND OCCUPANCY SENSOR TO BE LEFT IN PLACE. RECONNECT TO NEW UNIT.



2 BUILDING D DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

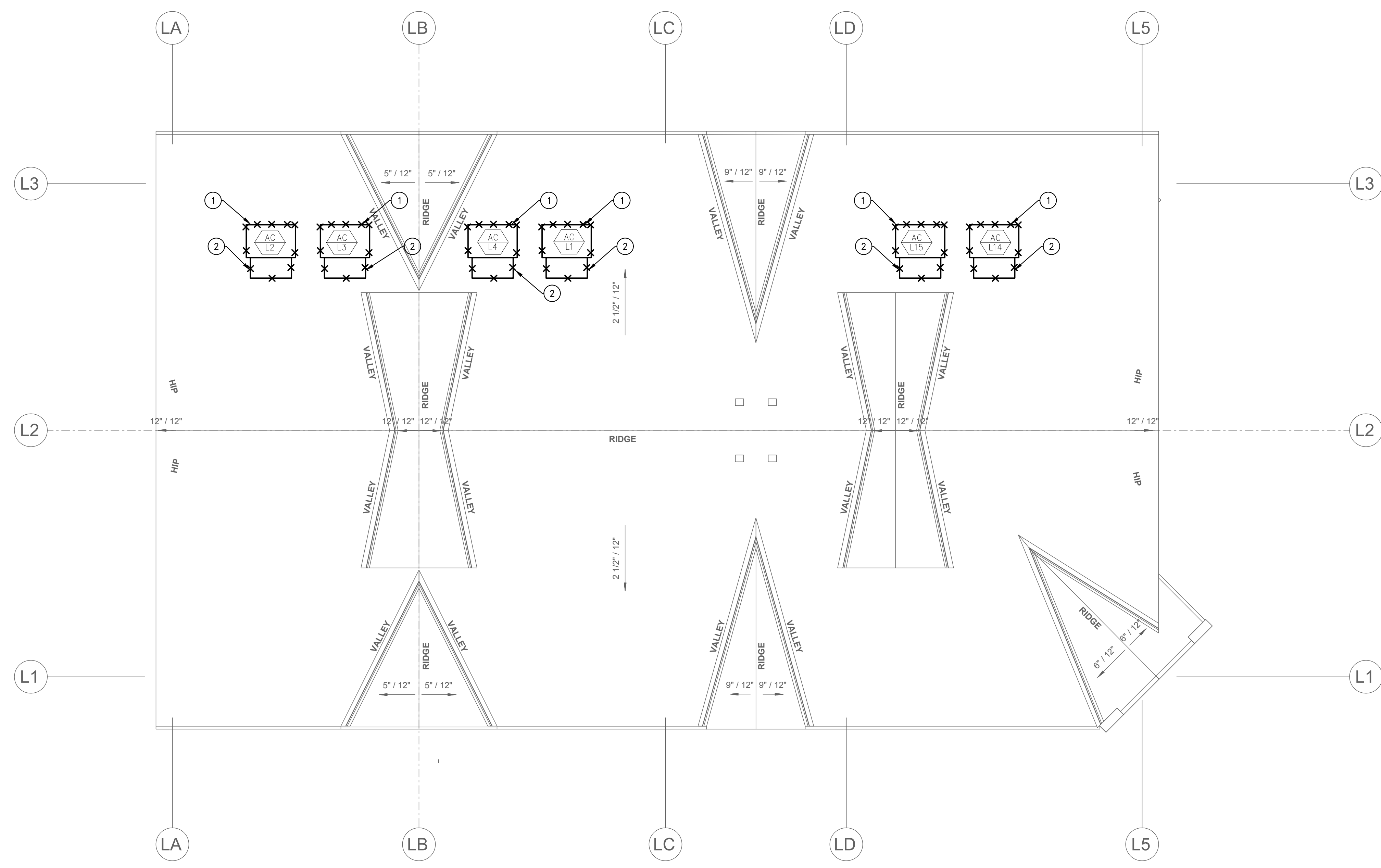


SHEET NOTES:
 1. APPROXIMATE LOCATION OF EQUIPMENT AND SENSORS BASED ON FIELD VISIT AND OUTDATED PLANS. FIELD VERIFY LOCATION BEFORE ANY WORK.

KEYED NOTES:
 1. DISCONNECT ELECTRIC, GAS, AND CONDENSATE SERVICES TO EXISTING ROOFTOP UNIT. REMOVE UNIT AND EXISTING MECHANICAL PLATFORM. PREPARE ELECTRIC, GAS, AND CONDENSATE SERVICES TO RECONNECT TO NEW REPLACEMENT UNIT.
 2. REMOVE EXISTING UNIT FROM EXISTING ROOF CURB. PREPARE EXISTING CURB TO RECEIVE NEW ADAPTOR CURB FOR NEW REPLACEMENT UNIT TO BE MOUNTED ON.

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2 BUILDING L ROOF - DEMOLITION
 SCALE: 1/8" = 1'-0"

PROJECT
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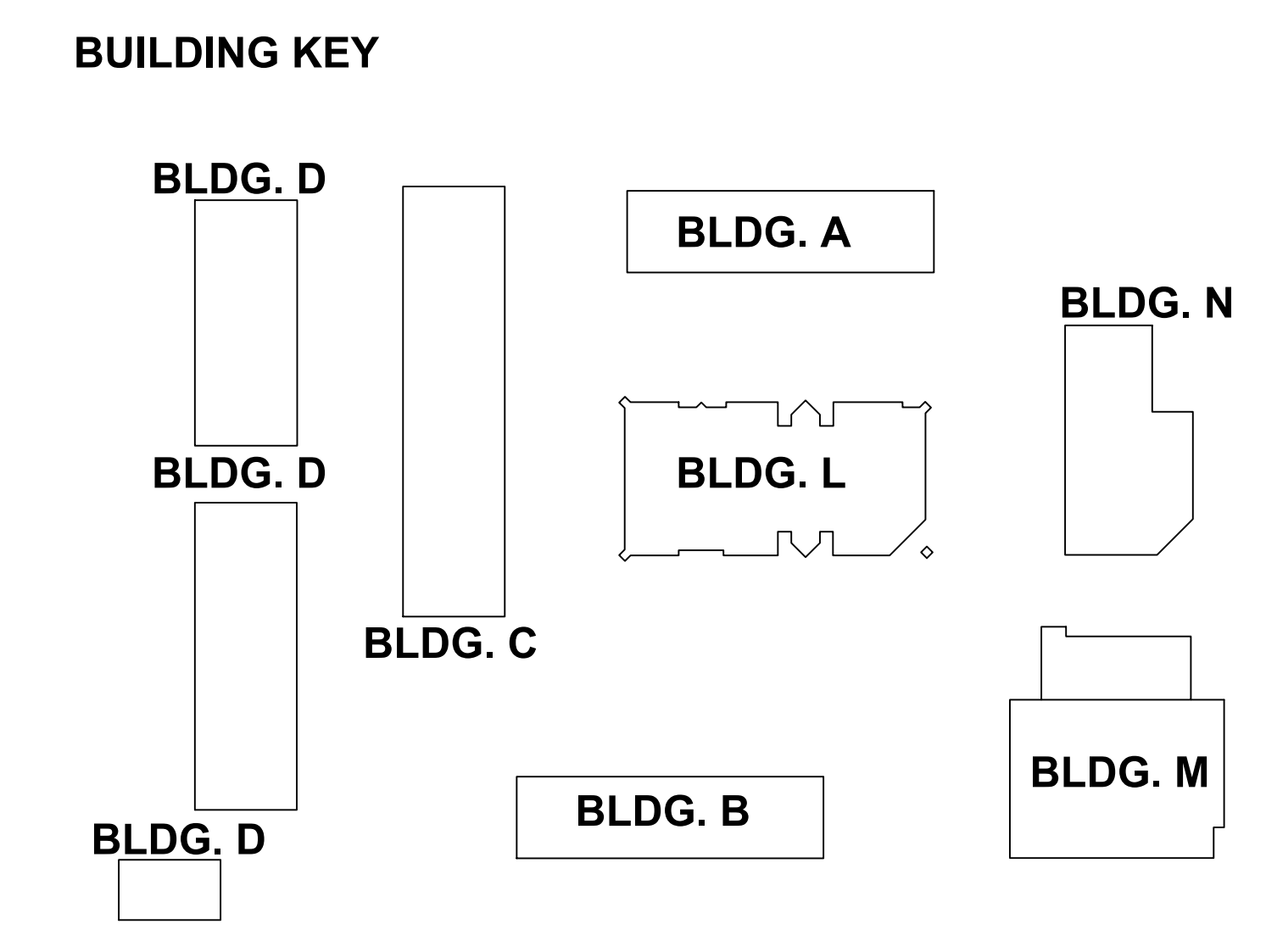
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MILESTONES
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SHEET
BUILDING L ROOF - DEMOLITION

DATE 11/15/2018
 JOB # 2018045
 SHEET # **M2.32**

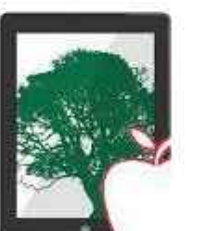



SHEET NOTES:
 1. APPROXIMATE LOCATION OF EQUIPMENT BASED ON FIELD VISIT AND OUTDATED PLANS. FIELD VERIFY LOCATION BEFORE ANY WORK.


KEYED NOTES:
 ① DISCONNECT SUPPLY AND RETURN DUCTS, WATER, GAS, DRAIN, AND ELECTRIC SERVICES TO EXISTING MAKE UP AIR UNIT AT GROUND LEVEL. REMOVE UNIT FROM MECHANICAL PAD AND PREPARE SERVICES AND CONDENSATE LINE TO RECONNECT TO NEW REPLACEMENT UNIT.
 ② DISCONNECT EXISTING SUPPLY AIR DUCT FROM UNIT. DO NOT DEMOLISH ELBOWS AND TRANSITIONS. DO NOT DAMAGE EXISTING SUPPLY AIR DUCT FROM FRONT OF MAKE UP AIR UNIT UP THE MULTIPURPOSE ROOM WALL AND INTO BUILDING. PREPARE DUCT TO CONNECT TO NEW UNIT REPLACEMENT.
 ③ DEMOLISH RETURN AIR DUCT TO ELBOW AS SHOWN. DO NOT DAMAGE REST OF EXISTING RETURN AIR DUCT FROM TOP OF MAKE UP AIR UNIT TO MULTIPURPOSE ROOM WALL AND INTO BUILDING. PREPARE DUCT TO CONNECT TO NEW UNIT REPLACEMENT.

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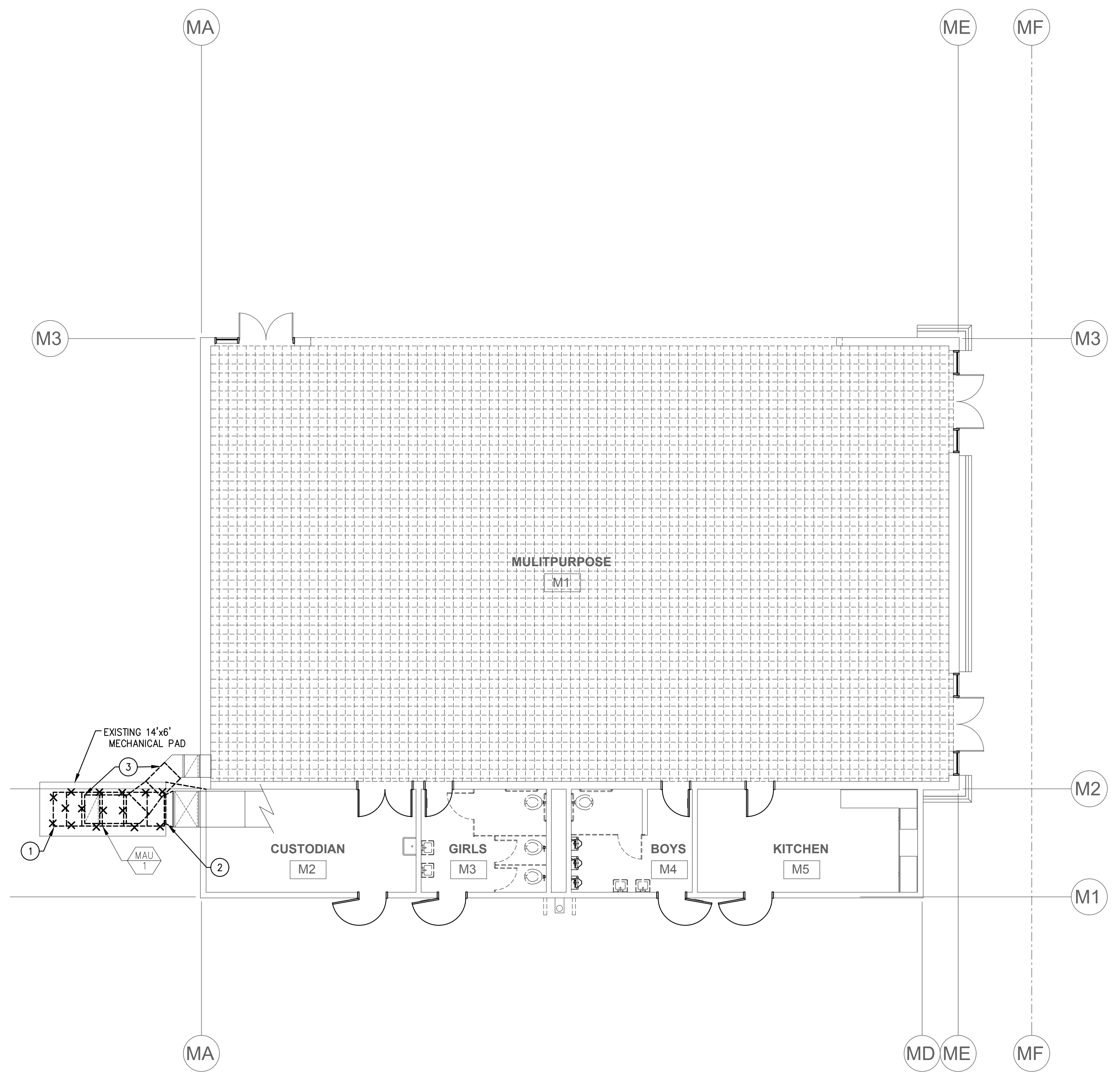
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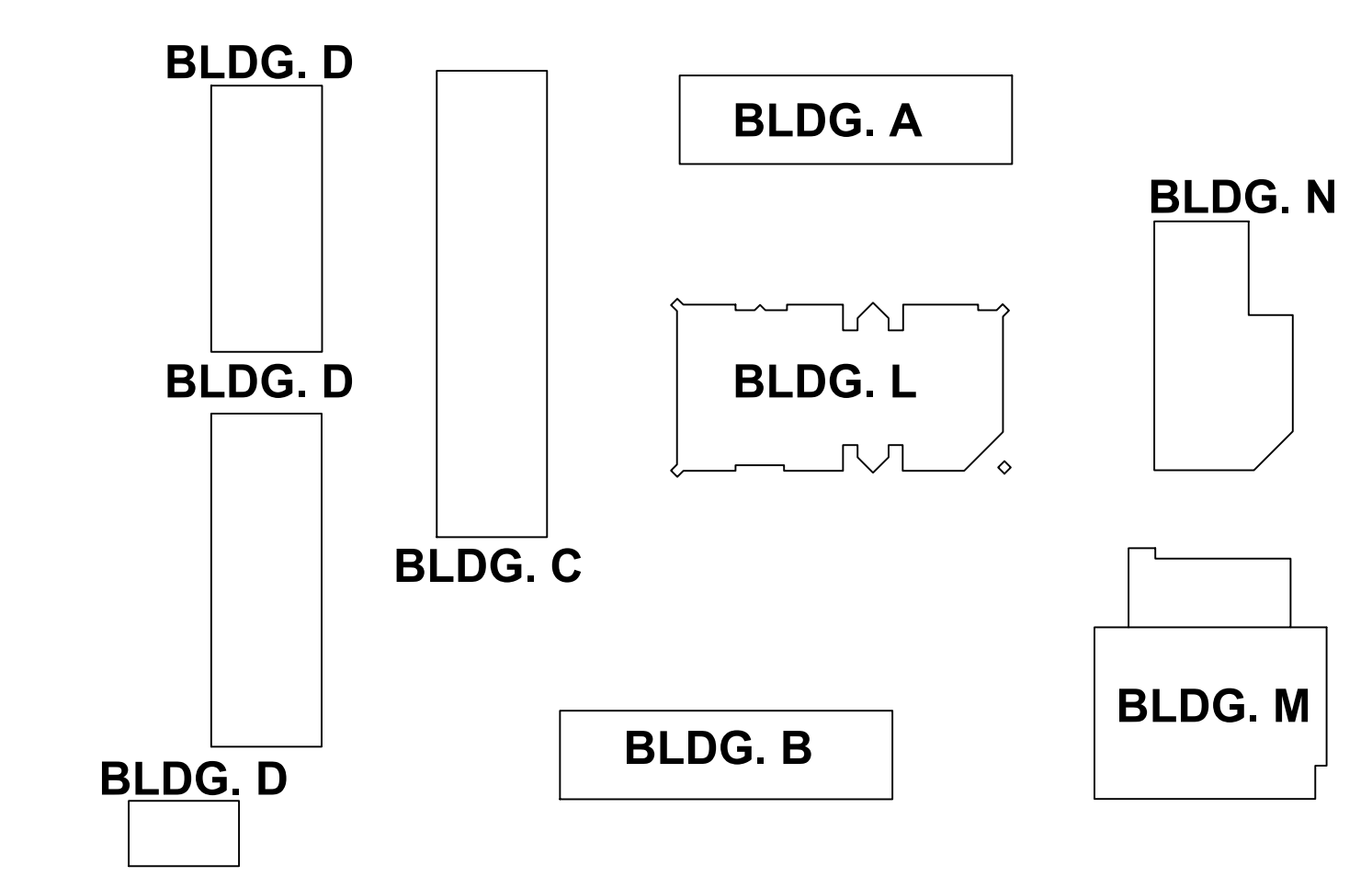
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BUILDING M FLOOR - DEMOLITION

DATE 11/15/2018
 JOB # 2018045
 SHEET # **M2.41**



1 BUILDING M - DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

BUILDING KEY

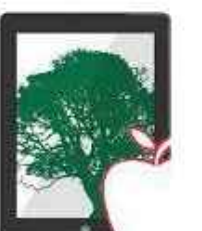


SHEET NOTES:
 1. APPROXIMATE LOCATION OF EQUIPMENT AND SENSORS BASED ON FIELD VISIT AND OUTDATED PLANS. FIELD VERIFY LOCATION BEFORE ANY WORK.

KEYED NOTES:
 1. DISCONNECT ELECTRIC, GAS, AND CONDENSATE SERVICES TO EXISTING ROOFTOP UNIT. REMOVE UNIT AND EXISTING MECHANICAL PLATFORM. PREPARE ELECTRIC, GAS, AND CONDENSATE SERVICES TO RECONNECT TO NEW REPLACEMENT UNIT.
 2. REMOVE EXISTING UNIT FROM EXISTING ROOF CURB. PREPARE EXISTING CURB TO RECEIVE NEW ADAPTOR CURB FOR NEW REPLACING UNIT TO BE MOUNTED ON.


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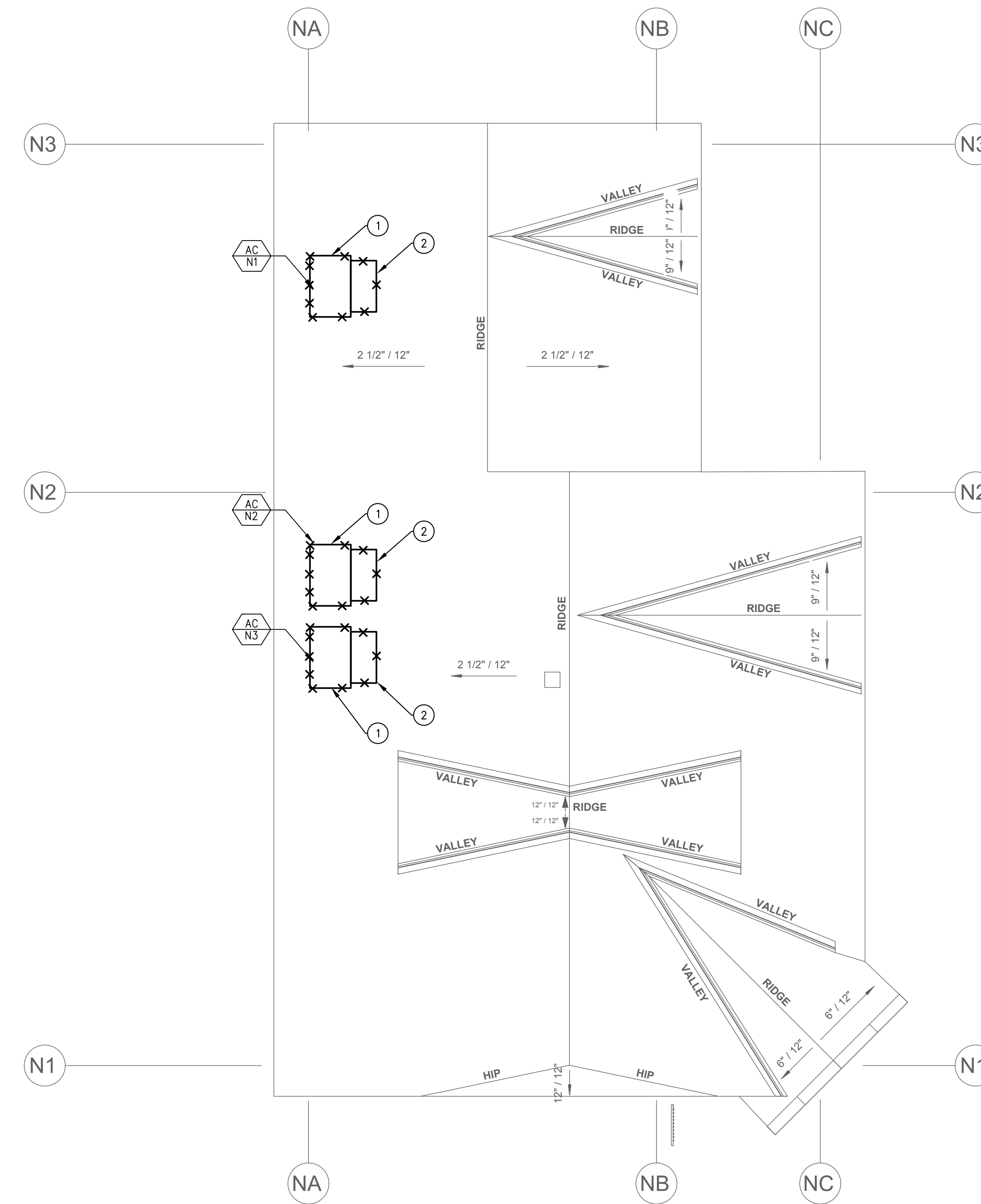
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MILESTONES
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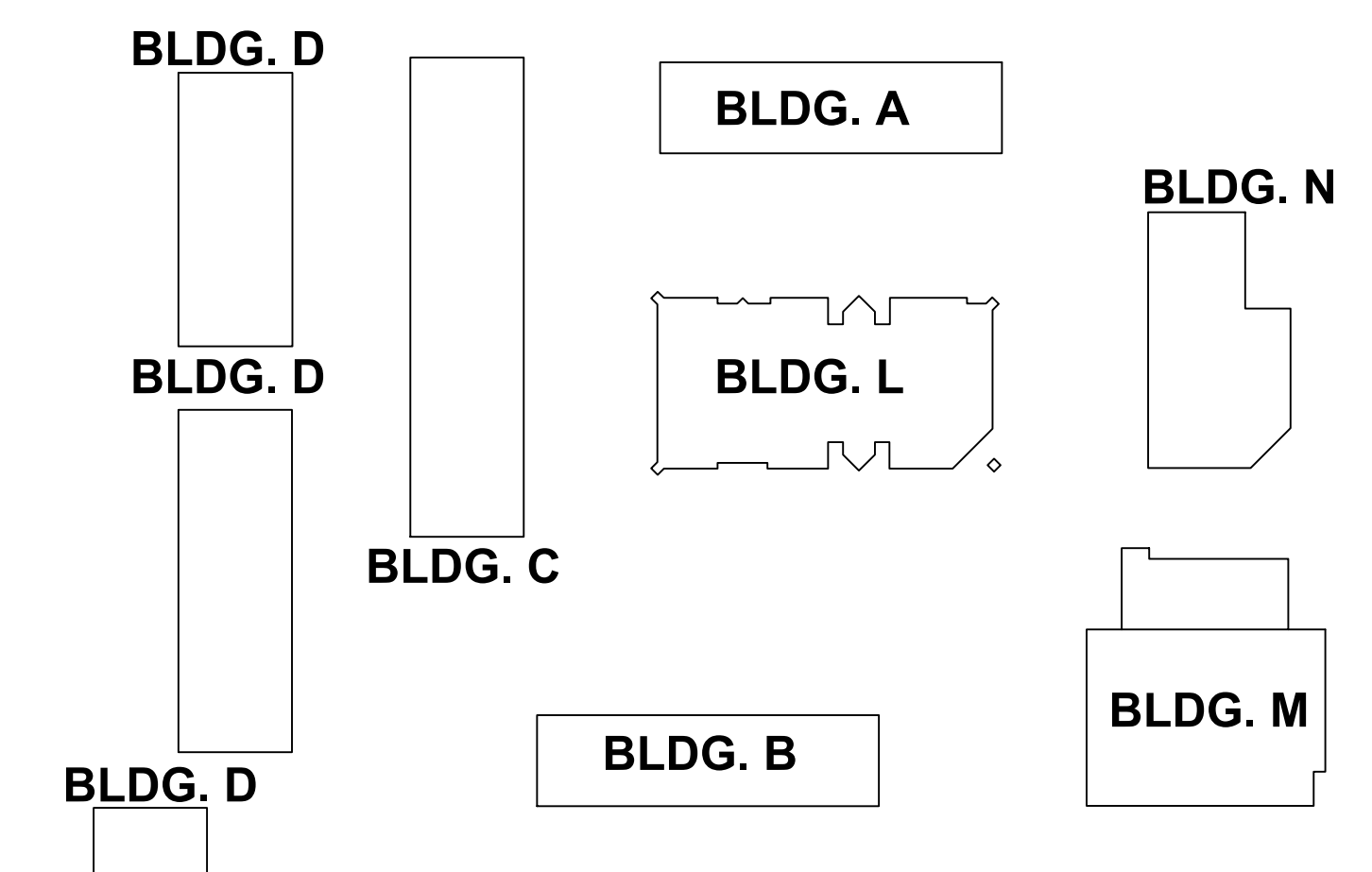
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BUILDING N ROOF - DEMOLITION

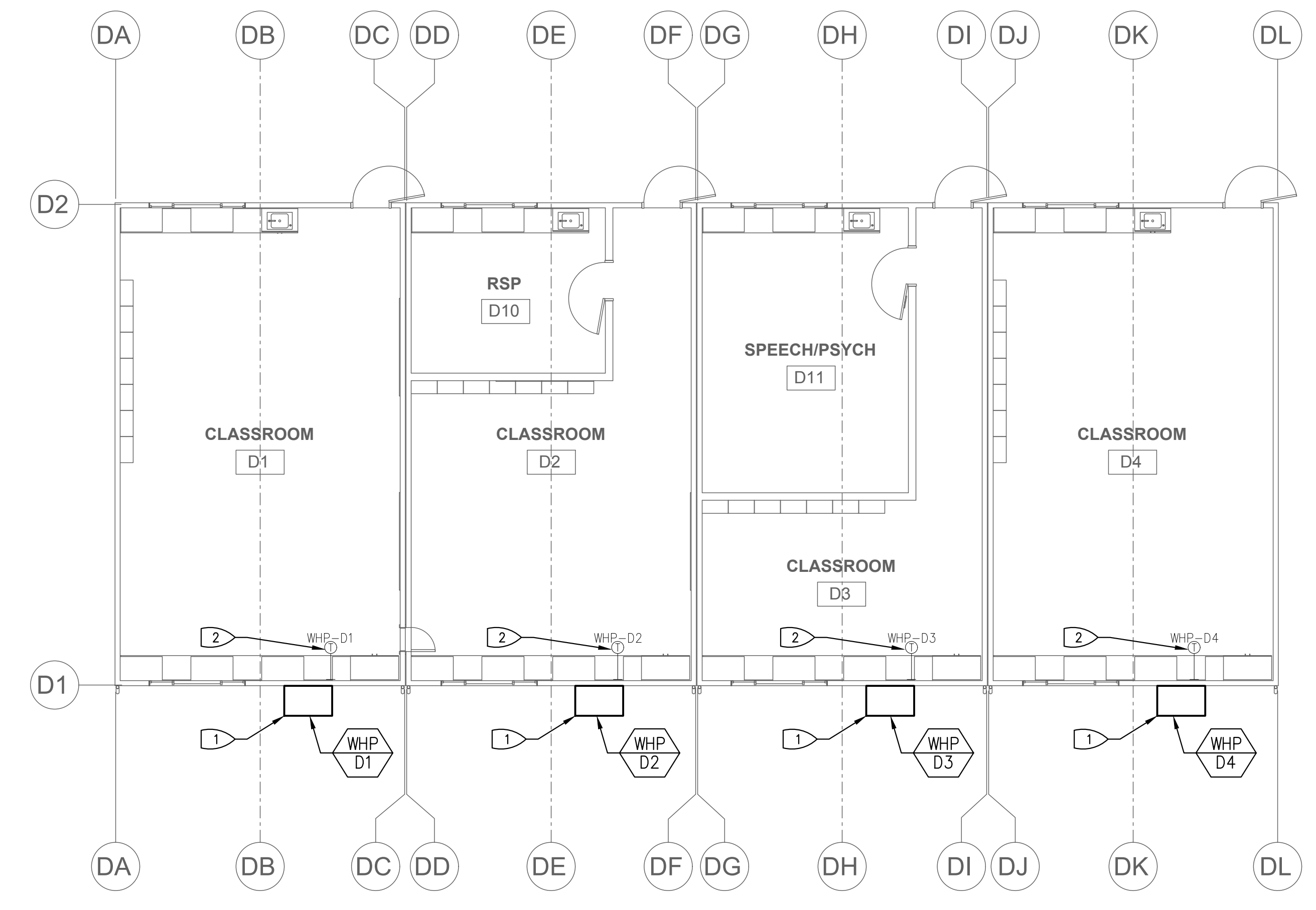
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 JOB # 2018045
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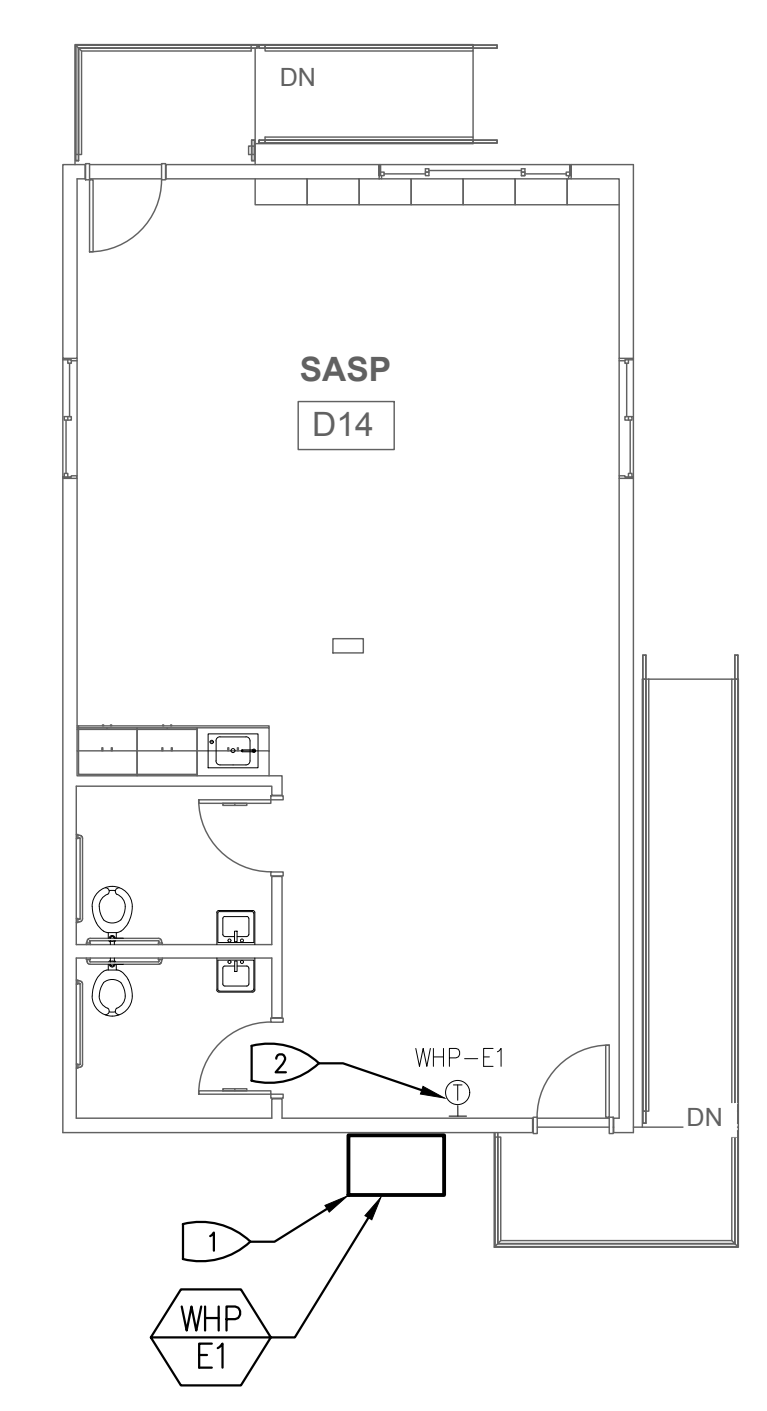
1 BUILDING N ROOF - DEMOLITION
 SCALE: 1/8" = 1'-0"

BUILDING KEY

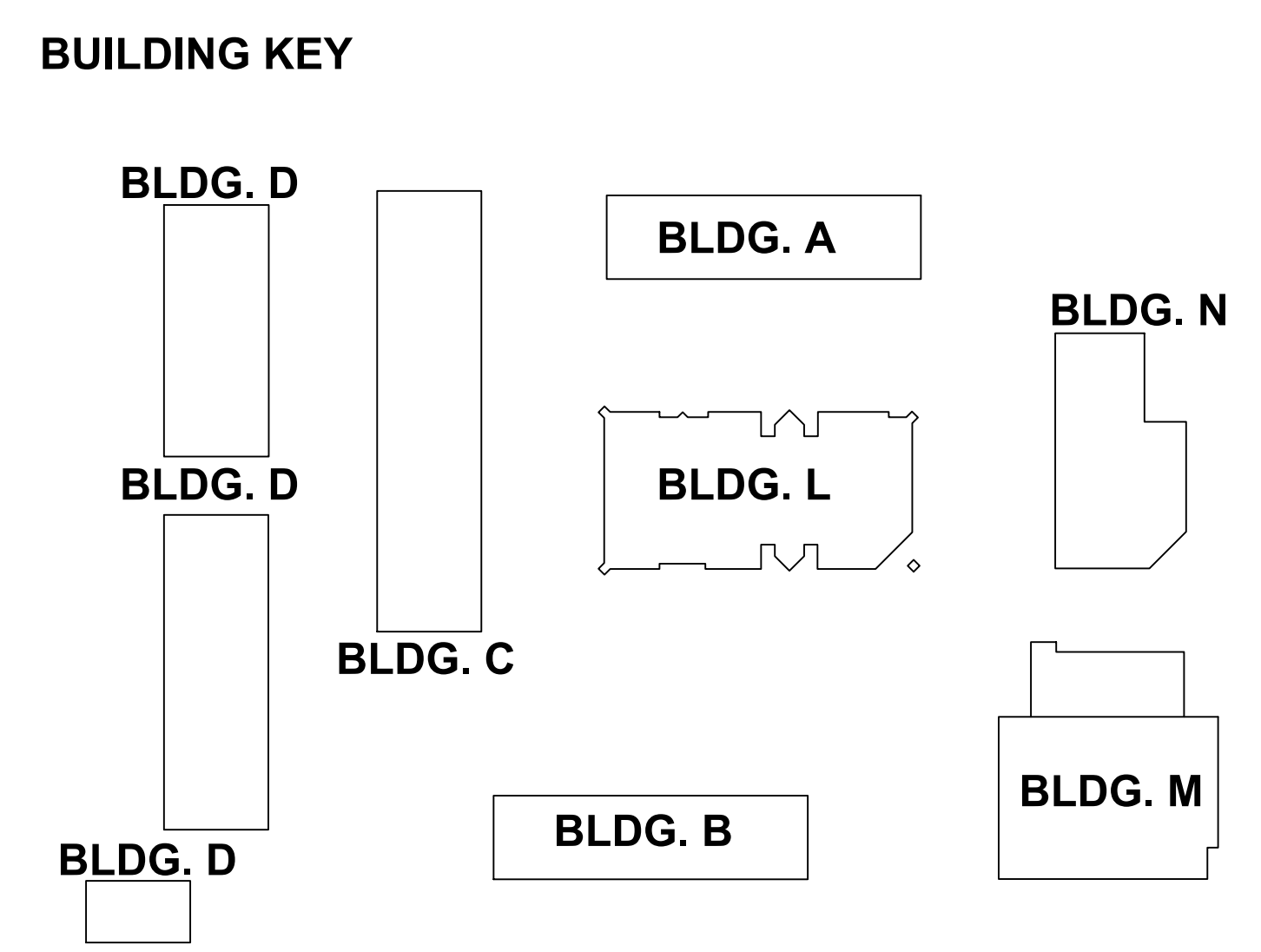




1 BUILDING D - MECHANICAL
 SCALE: 1/8" = 1'-0"



2 BUILDING D - MECHANICAL
 SCALE: 1/8" = 1'-0"



SHEET NOTES:
 1. APPROXIMATE LOCATION OF EQUIPMENT AND THERMOSTATS BASED ON FIELD VISIT AND OUTDATED PLANS. FIELD VERIFY LOCATION BEFORE ANY WORK.

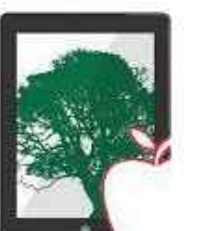
KEYED NOTES:
 1. INSTALL EXTERNAL WALL MOUNTED HEAT PUMP (WHP) INSTALLATION USING FULL LENGTH MOUNTING BRACKETS TO MOUNT UNIT TO EXTERNAL WALL. EXTEND, MODIFY, OR CHANGE ELECTRIC SERVICE TO RE-CONNECT REPLACEMENT UNIT.
 2. EXISTING PELICAN WIRELESS SYSTEM AND OCCUPANCY SENSOR. RECONNECT SYSTEM TO NEW UNIT.


SHEET NOTES:
 1. APPROXIMATE LOCATION OF EQUIPMENT AND THERMOSTATS. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT LOCATION.


- KEYED NOTES:**
- 18x18 AL SUPPLY AIR DROP DOWN FROM ABOVE TRANSITION TO TWO 18x9 AL SUPPLY AIR DUCTS WITH MITER ELBOWS AND TURNING VANES TO SUPPLY AIR DIFFUSERS. SEE M5.41 FOR ROOF CONTINUATION.
 - 25x14 AL RETURN AIR DROP FROM ABOVE WITH MITER ELBOW AND TURNING VANES ABOVE GRID. SEE M5.41 FOR ROOF CONTINUATION.
 - 25x14 AL RETURN AIR DUCT WITH 22x30 RG-S GRILLE ON TOP SIDE OF CUT FOR RETURN AIR BACK TO UNIT. LOCATE HIGH ABOVE GRID.
 - PROVIDE PROGRAMMABLE PELICAN THERMOSTAT AND OCCUPANCY SENSOR TO CONNECT TO SITE PELICAN CONTROLS SYSTEM. PROVIDE ALL WIRING NECESSARY AS PER SITE STANDARD.
 - MANUAL VOLUME DAMPER, TYPICAL.
 - CONNECT NEW AL 48x16 SUPPLY AIR DUCT FROM UNIT TO EXISTING 48x30. VERIFY SIZES PRIOR TO ANY WORK OR ORDERING OF PART.
 - CONNECT NEW AL 48x20 RETURN AIR DUCT FROM UNIT TO EXISTING 38x18. VERIFY SIZES PRIOR TO ANY WORK OR ORDERING OF PART.
 - AL 48x38 FIELD DUCTWORK CONNECTION FROM EVAPORATIVE COOLING SECTION TO REST OF MAKE UP AIR UNIT. VERIFY SIZES PRIOR TO ANY WORK OR ORDERING OF PART.
 - EXISTING HIGH ON WALL 48x48 MOTORIZED OUTSIDE AIR LOUVER. CONNECT TO NEW PELICAN SYSTEM. UPDATE OR REPLACE ACTUATOR AS NEEDED TO FUNCTION WITH NEW SYSTEM. TYPICAL OF TWO.

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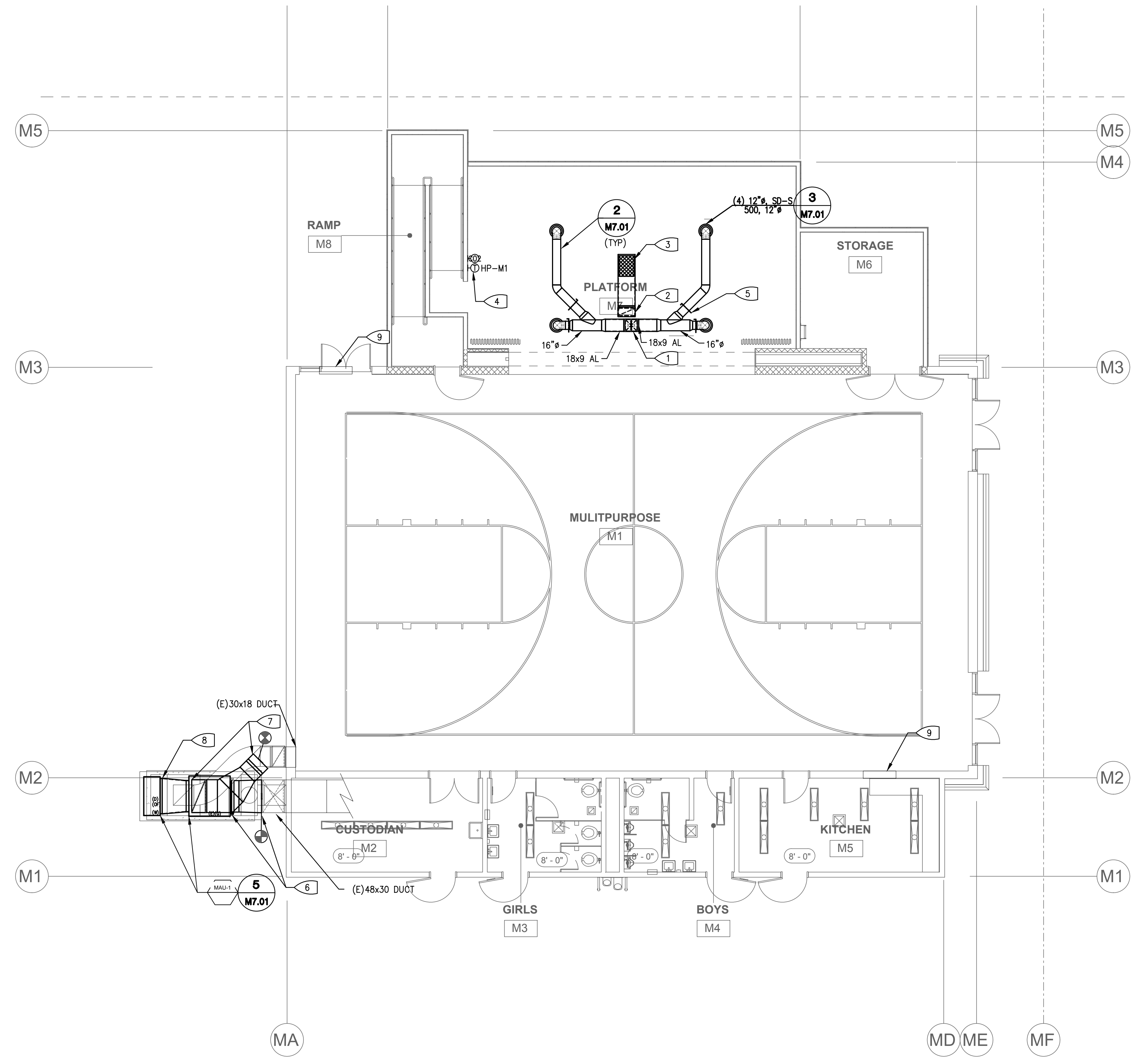
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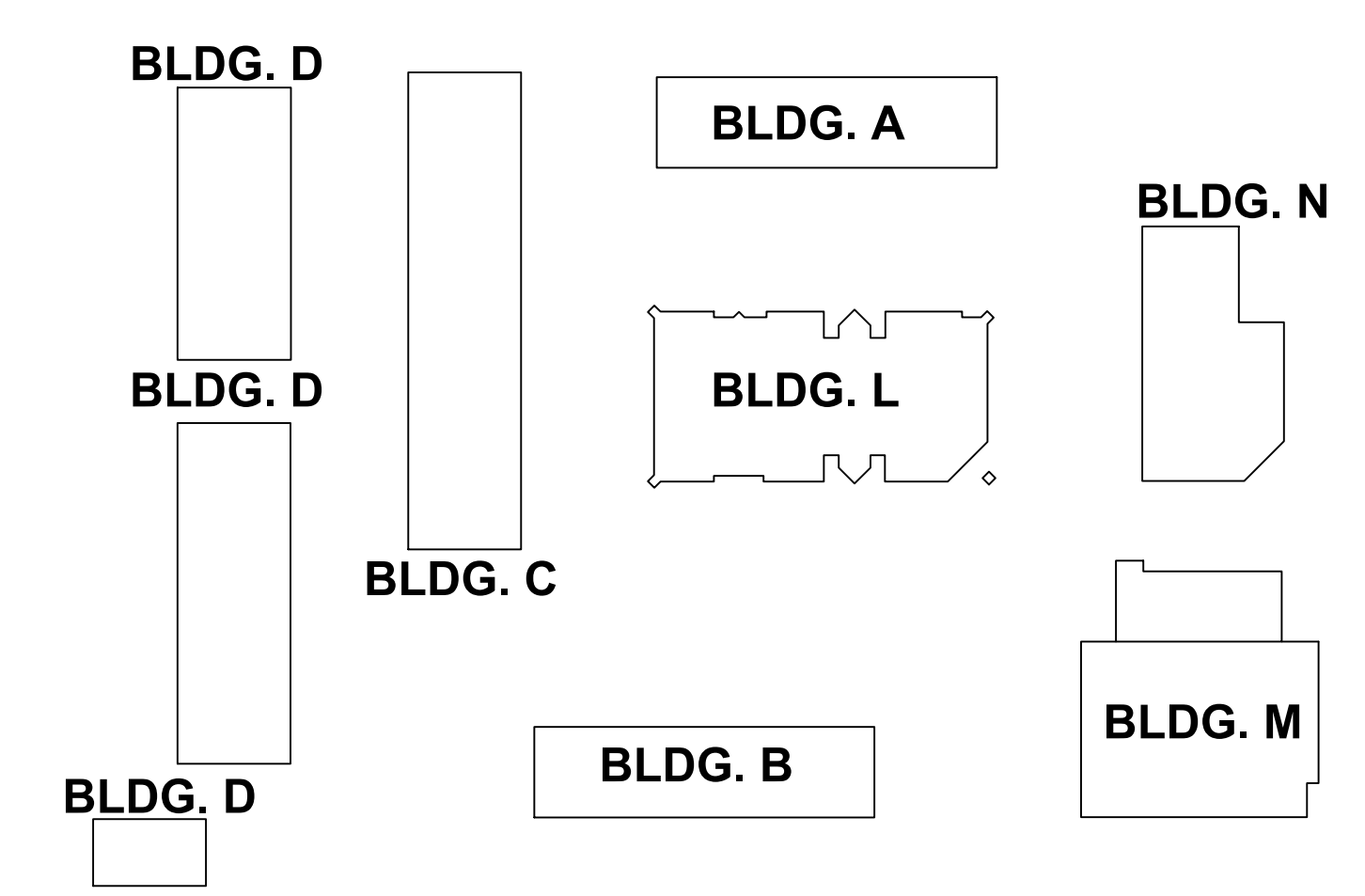
SHEET
BUILDINGS M - MECHANICAL

DATE 11/15/2018
 JOB # 2018045
 SHEET # **M3.41**



1 BUILDING M - MECHANICAL
 SCALE: 1/8" = 1'-0"

BUILDING KEY

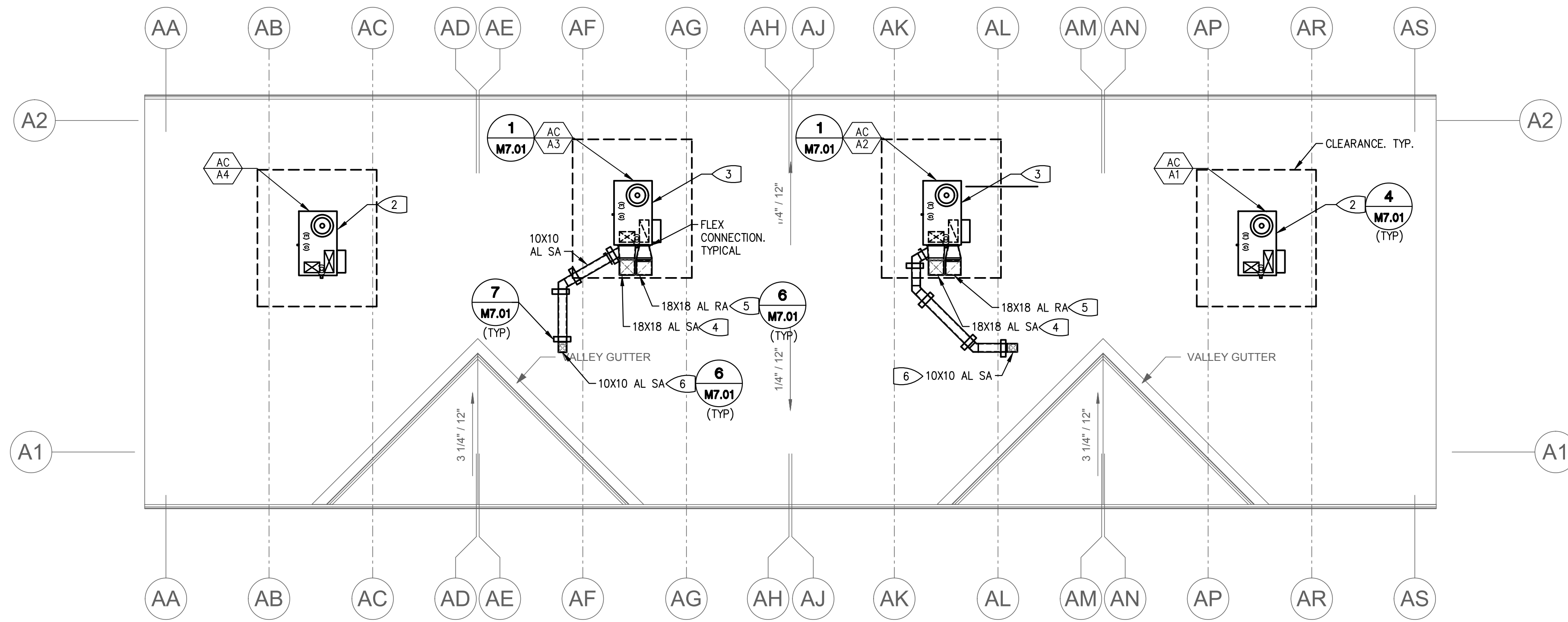


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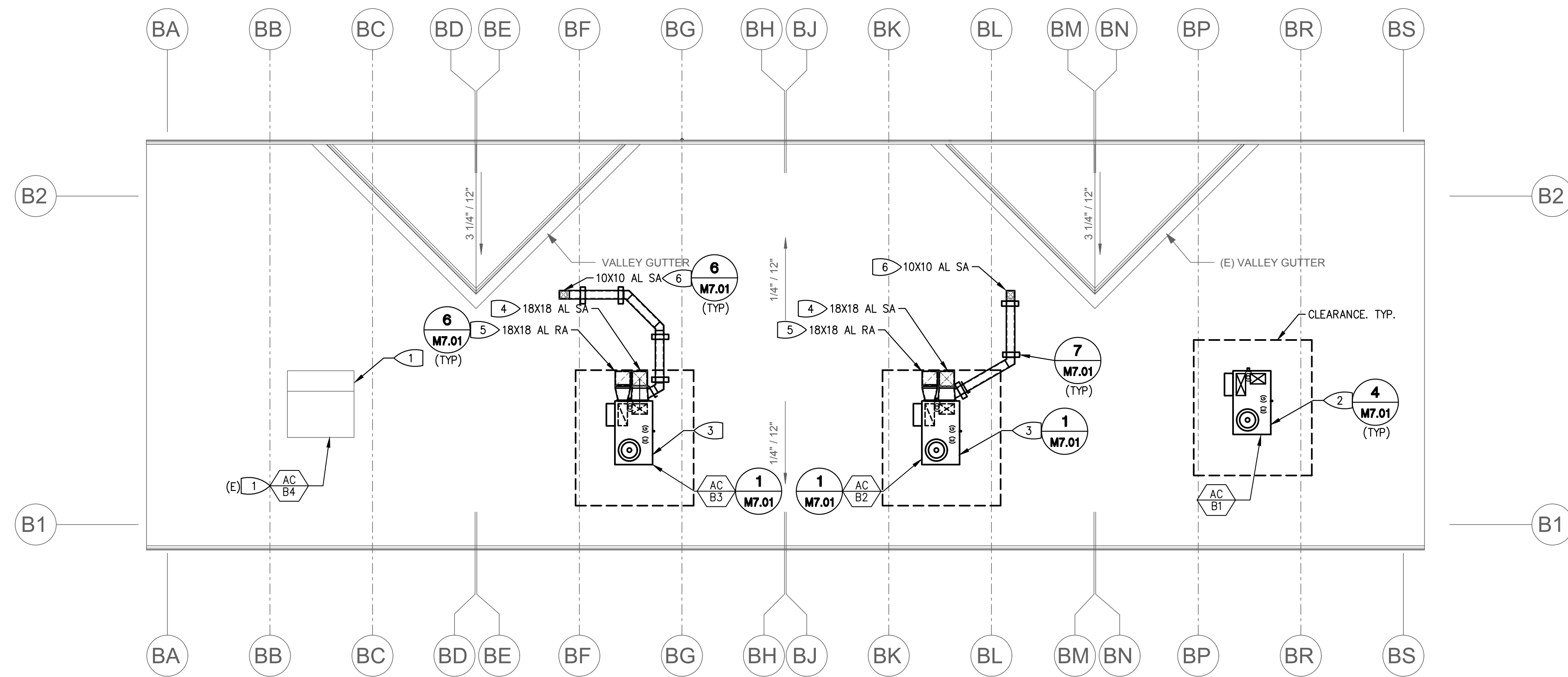
- APPROXIMATE LOCATION OF EQUIPMENT BASED ON FIELD VISIT, OUTDATED PLANS AND ARCHITECTURAL PLAN. LOCATION OF FIELD SUPPLY AND RETURN AIR DROPS WILL DICTATE FINAL LOCATION OF REPLACEMENT UNIT AS WELL AS NEW ROOF CURB. NEW CURB TO BE LOCATED AS TO BEST FIT NEW UNITS SUPPLY AND RETURN AIR DROPS TO EXISTING SUPPLY AND RETURN AIR DUCT DOWN THRU ROOF AND TO DIFFUSERS AND GRILLES.

KEYED NOTES:

- EXISTING ROOF TOP UNIT TO REMAIN AS IS. ROOFING TO BE ACCOMPLISH WITHOUT DAMAGING UNIT SERVICES, CONNECTIONS, AND PENETRATIONS.
- NEW ROOF MOUNTED VERTICAL SUPPLY AND RETURN AIR DROP UNIT TO REPLACE OLD UNIT. UNIT TO SIT ON NEW ROOF CURB. RECONNECT NEW SUPPLY AND RETURN AIR DROPS FROM REPLACEMENT UNIT TO EXISTING DUCTS DOWN TO SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLES. MODIFY EXISTING DROPS WITH TRANSITIONS TO ACCOMMODATE NEW DROPS FROM NEW ROOF CURB. RE-CONNECT ELECTRIC, GAS, AND CONDENSATE SERVICES. VERIFY SIZES BEFORE ORDERING OR MANUFACTURING DUCTWORK.
- NEW ROOF MOUNTED HORIZONTAL SUPPLY AND RETURN AIR OPENING UNIT TO REPLACE OLD UNIT. UNIT TO SIT ON NEW ROOF CURB. RE-CONNECT ELECTRIC, GAS, AND CONDENSATE SERVICES.
- NEW TRANSITION FROM 18x12 SUPPLY AIR OPENING AT UNIT TO 18x18 AL SUPPLY AIR DROP DOWN THRU ROOF TO CONNECT TO EXISTING 18x18 AL SUPPLY AIR DROP TO EXISTING DIFFUSERS. VERIFY SIZE BEFORE ORDERING OR MANUFACTURING DUCTWORK.
- NEW TRANSITION FROM 11x26 RETURN AIR OPENING AT UNIT TO 18x18 AL RETURN AIR DROP DOWN THRU ROOF TO CONNECT TO EXISTING 18x18 AL RETURN AIR DROP TO EXISTING GRILLE. VERIFY SIZE BEFORE ORDERING OR MANUFACTURING DUCTWORK.
- NEW SUPPLY AIR DUCTS BRANCH ON ROOF FROM MAIN TO RESOURCES ROOM BETWEEN CLASSROOMS. RUN DUCT TO CONNECT TO EXISTING DUCTS DOWN THRU ROOF TO EXISTING SUPPLY AIR DIFFUSER. VERIFY SIZE BEFORE ORDERING OR MANUFACTURING DUCTWORK.

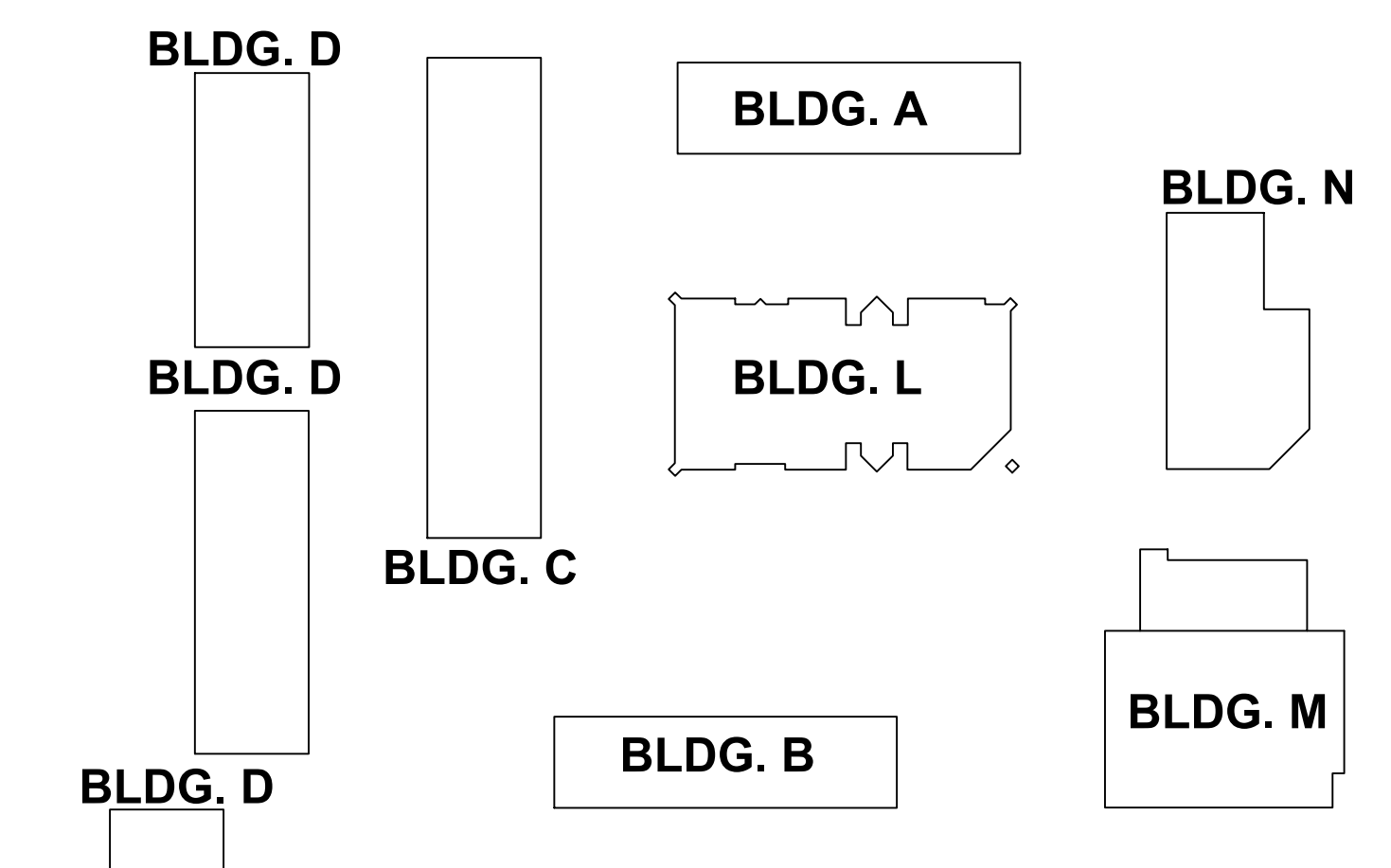


1 BUILDING A - MECHANICAL
 SCALE: 1/8" = 1'-0"



2 BUILDING B - MECHANICAL
 SCALE: 1/8" = 1'-0"

BUILDING KEY



aedis
 architects

www.aedisarchitects.com
 387 S. 1st Street, Suite 300
 San Jose, CA 95113
 tel: (408)-300-5160
 fax: (408)-300-5121

PROJECT
**MARGARET
 SCOTTEN ES
 MODERNIZATION
 2019**

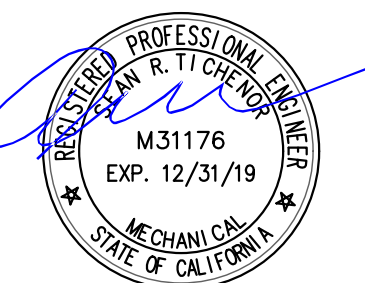


Grass Valley
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CONSULTANT

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 2411 Alhambra Blvd, Ste. 100
 Sacramento, CA 95817
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 Job no. 18.098

STAMP



PLOT DATE: 5/2/2019

STATE

REVISIONS

No. Description Date

△

MILESTONES

- SD
- DD
- 50% CD
- 90% CD
- DSA SUB

SHEET

**BUILDINGS A & B
 ROOF -
 MECHANICAL**

DATE 11/15/2018

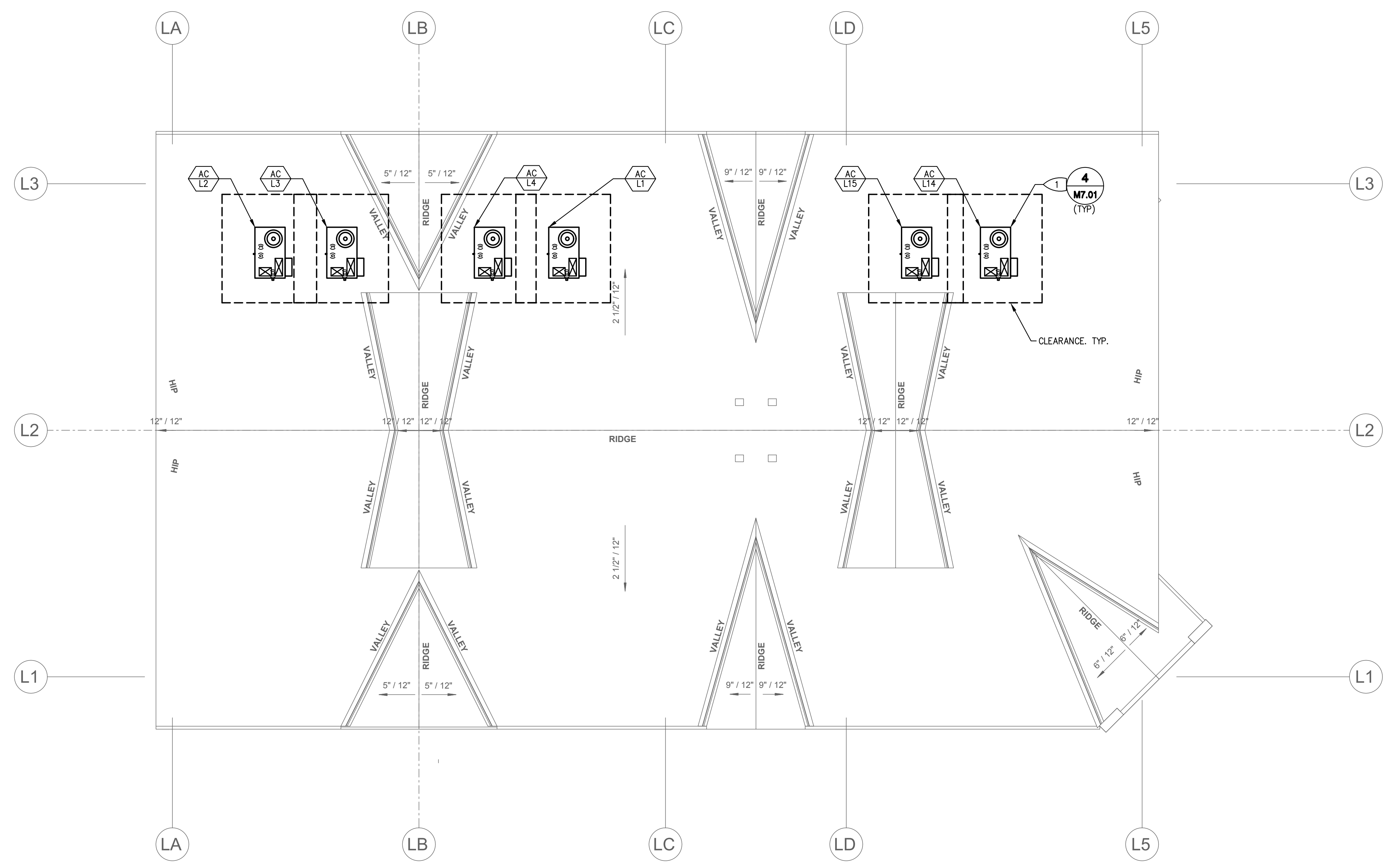
JOB # 2018045

SHEET #

M5.21

SHEET NOTES:
 1. APPROXIMATE LOCATION OF EQUIPMENT BASED ON FIELD VISIT, OUTDATED PLANS AND ARCHITECTURAL PLAN. LOCATION OF FIELD SUPPLY AND RETURN AIR DROPS WILL DICTATE FINAL LOCATION OF REPLACEMENT UNIT AS WELL AS NEW ROOF CURB. NEW CURB TO BE LOCATED AS TO BEST FIT NEW UNITS SUPPLY AND RETURN AIR DROPS TO EXISTING SUPPLY AND RETURN AIR DUCT DOWN THRU ROOF AND TO DIFFUSERS AND GRILLES.

KEYED NOTES:
 1. NEW ROOF TOP MOUNTED UNIT TO REPLACE OLD UNIT. UNIT TO SIT ON NEW ADAPTOR ROOF CURB. MEASURE EXISTING CURB AND NEW ROOF TOP UNIT BEFORE ORDERING OR MANUFACTURING ADAPTOR CURB. EXTEND NEW SUPPLY AND RETURN AIR DROPS FROM REPLACEMENT UNIT TO EXISTING DUCTS DOWN TO SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLES. MODIFY EXISTING DROPS WITH TRANSITIONS TO ACCOMMODATE NEW DROPS FROM NEW ROOF CURB. RE-CONNECT ELECTRIC, GAS, AND CONDENSATE SERVICES.



2 BUILDING L ROOF - MECHANICAL
 SCALE: 1/8" = 1'-0"

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019

Grass Valley School District

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 Job no. 18.098

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PROFESSIONAL ENGINEER
 M31176
 EXP. 12/31/19
 MECHANICAL
 STATE OF CALIFORNIA

PLOT DATE: 5/2/2019

STATE

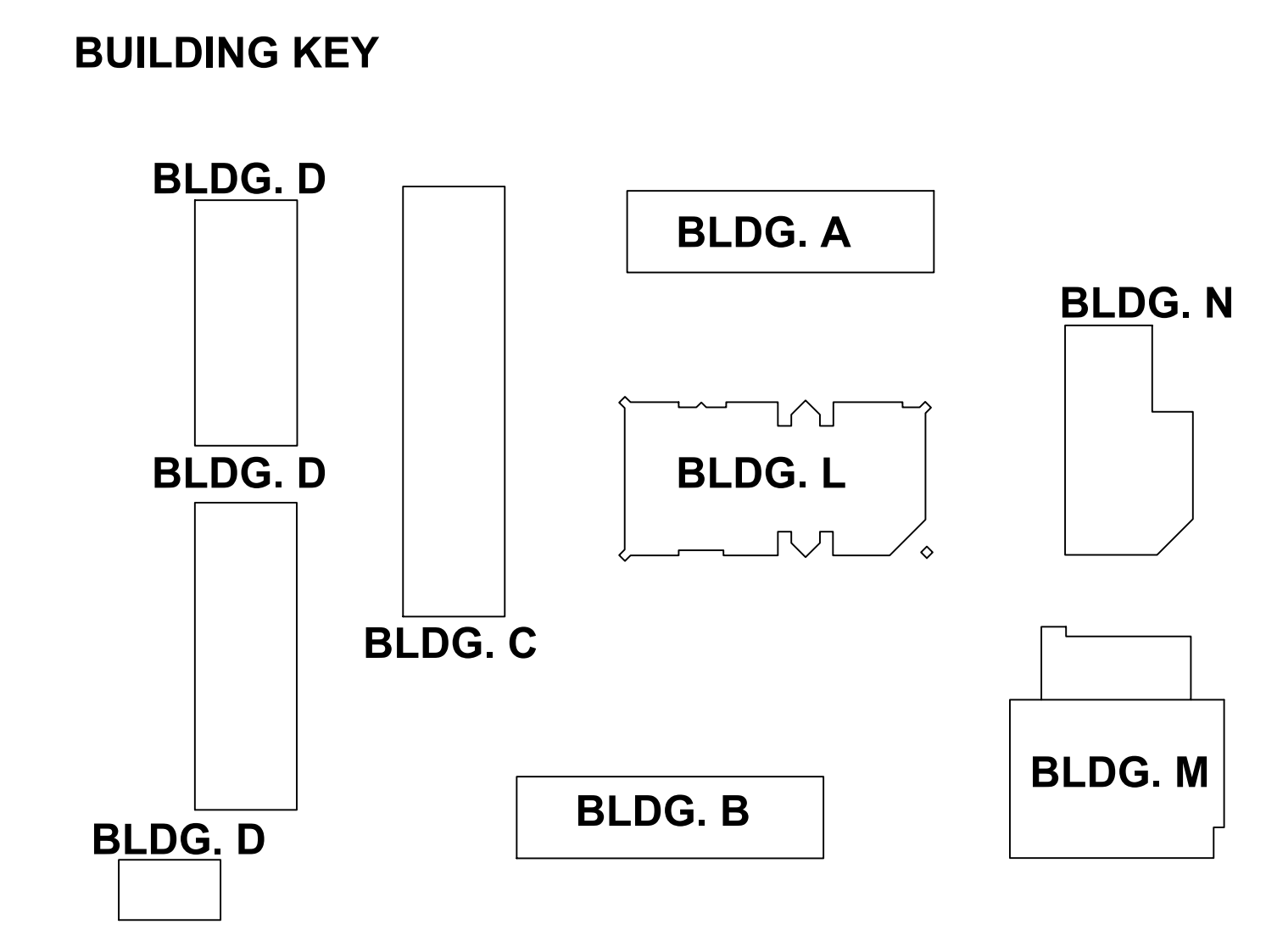
REVISIONS

No.	Description	Date
△		

- MILESTONES
- SD
 - DD
 - 50% CD
 - 90% CD
 - DSA SUB

SHEET
BUILDING L ROOF - MECHANICAL

DATE 11/15/2018
 JOB # 2018045
 SHEET # **M5.31**

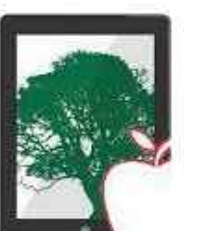


SHEET NOTES:
 1. APPROXIMATE LOCATION OF EQUIPMENT AND THERMOSTATS. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT LOCATION.

- KEYED NOTES:**
- 1 NEW ROOF TOP HEAT PUMP (HP-N1). CONNECT CONDENSATE LIKE PER PLUMBING PLANS.
 - 2 TRANSITION FROM FULL SIZE SUPPLY AIR OPENING TO 18x18 AL SUPPLY AIR DROP DOWN TO ABOVE CEILING. SEE M3.41 FOR CONTINUATION.
 - 3 TRANSITION FROM FULL SIZE RETURN AIR OPENING TO 25x14 AL RETURN AIR DROP DOWN TO ABOVE CEILING. SEE M3.41 FOR CONTINUATION.
 - 4 CONDENSATE CONNECTION. SEE PLUMBING PLANS FOR CONTINUATION.
 - 5 INSTALL DUCT SMOKE DETECTOR ON SUPPLY AIR DROP OF UNIT. DSD SUPPLIED BY ELECTRICAL AND INSTALLED BY MECHANICAL. SEE UNIT SCHEDULE FOR KELE DSD MODEL NUMBER AND INFO. CONNECT DSD TO UNIT FOR UNIT TO SHUTDOWN UPON SMOKE DETECTION.
 - 6 NEW ROOF TOP MOUNTED UNIT TO REPLACE OLD UNIT. UNIT TO SIT ON NEW ADAPTOR ROOF CURB. MEASURE EXISTING CURB AND NEW ROOF TOP UNIT BEFORE ORDERING OR MANUFACTURING ADAPTOR CURB. EXTEND NEW SUPPLY AND RETURN AIR DROPS FROM REPLACEMENT UNIT TO EXISTING DUCTS DOWN TO SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLES. MODIFY EXISTING DROPS WITH TRANSITIONS TO ACCOMMODATE NEW DROPS FROM NEW ROOF CURB. RE-CONNECT ELECTRIC, GAS, AND CONDENSATE SERVICES.


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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019

 Grass Valley School District

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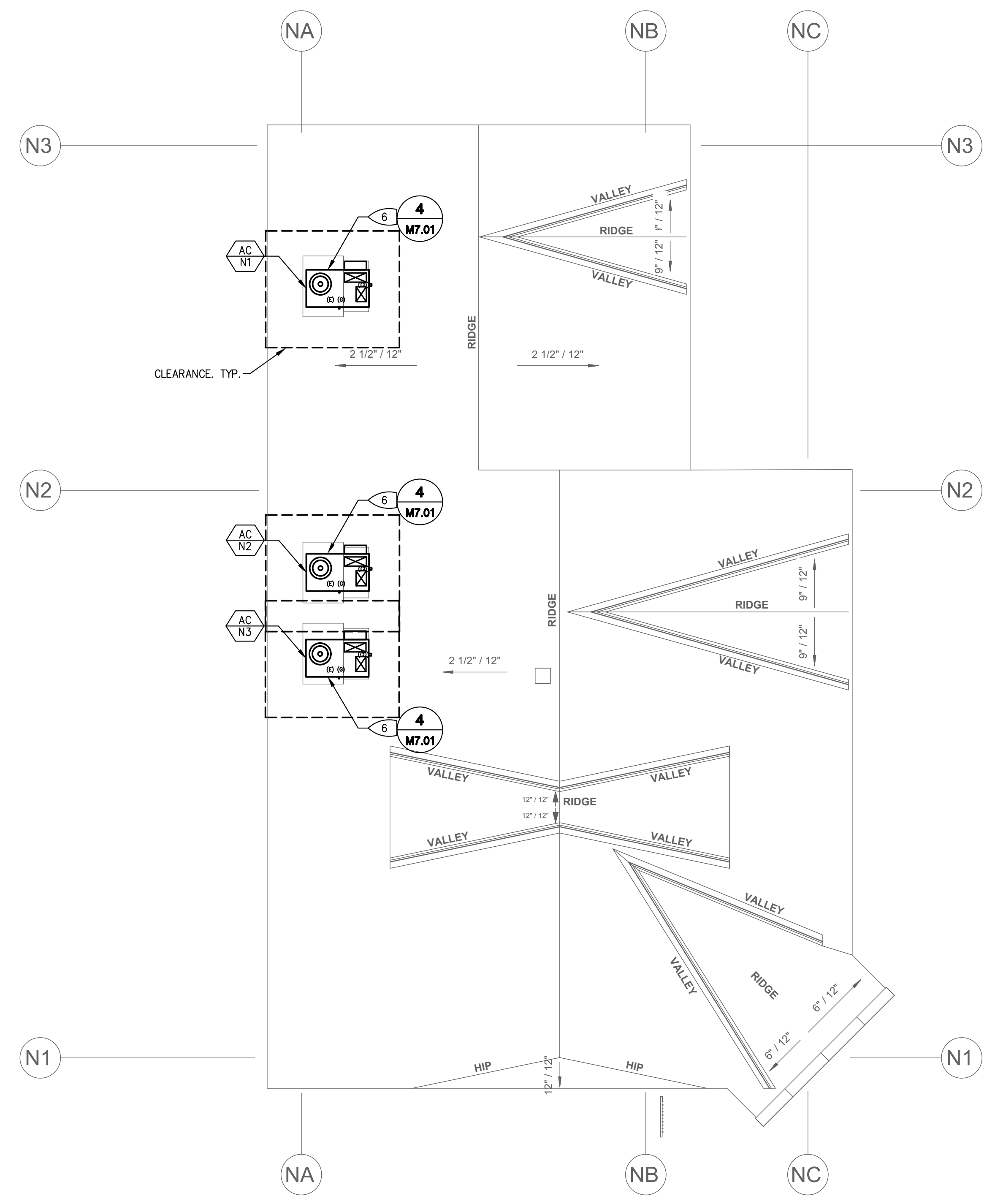
REVISIONS

No.	Description	Date
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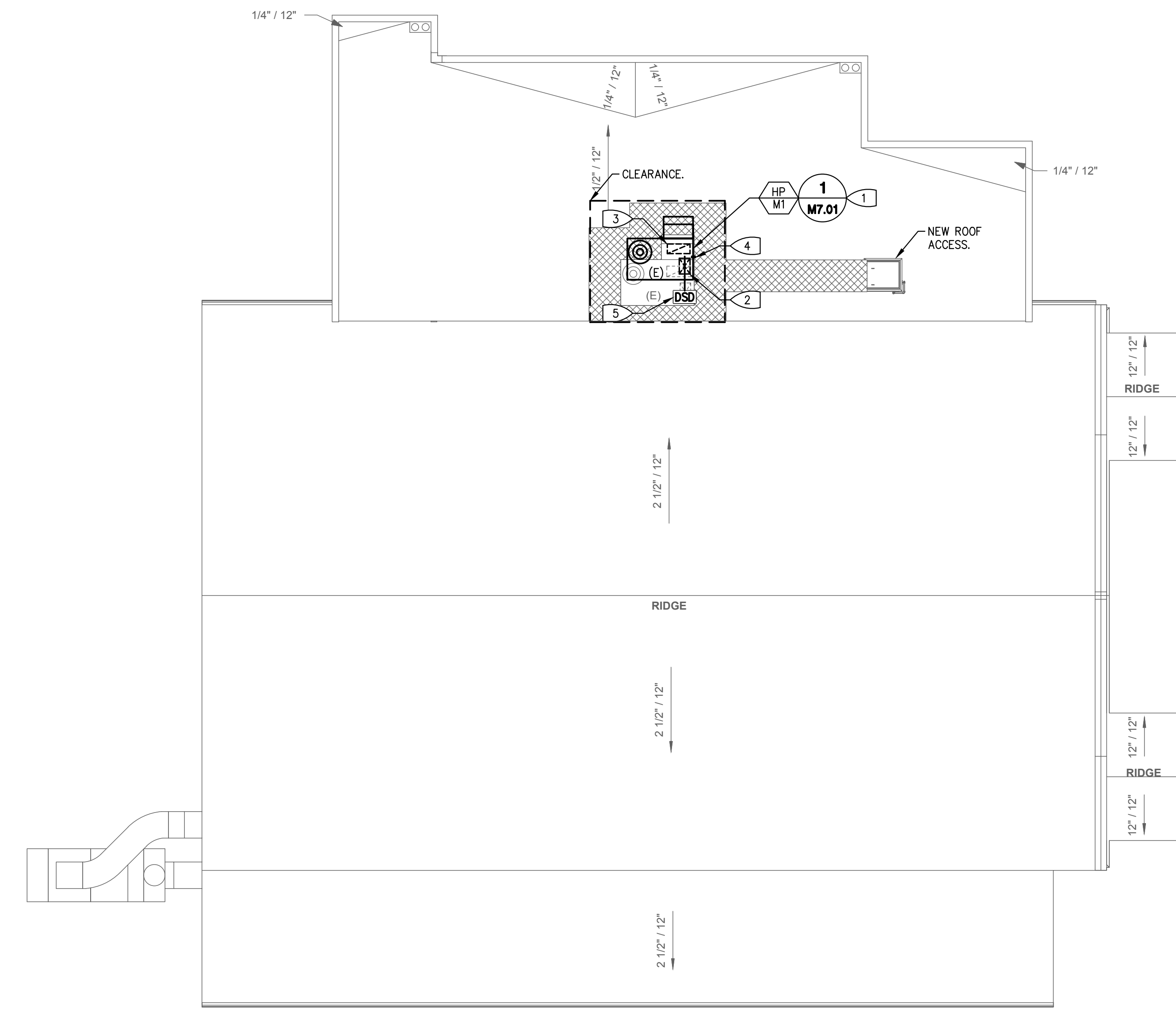
MILESTONES
 SD
 DD
 50% CD
 90% CD
 DSA SUB

SHEET
BUILDINGS M & N ROOF - MECHANICAL

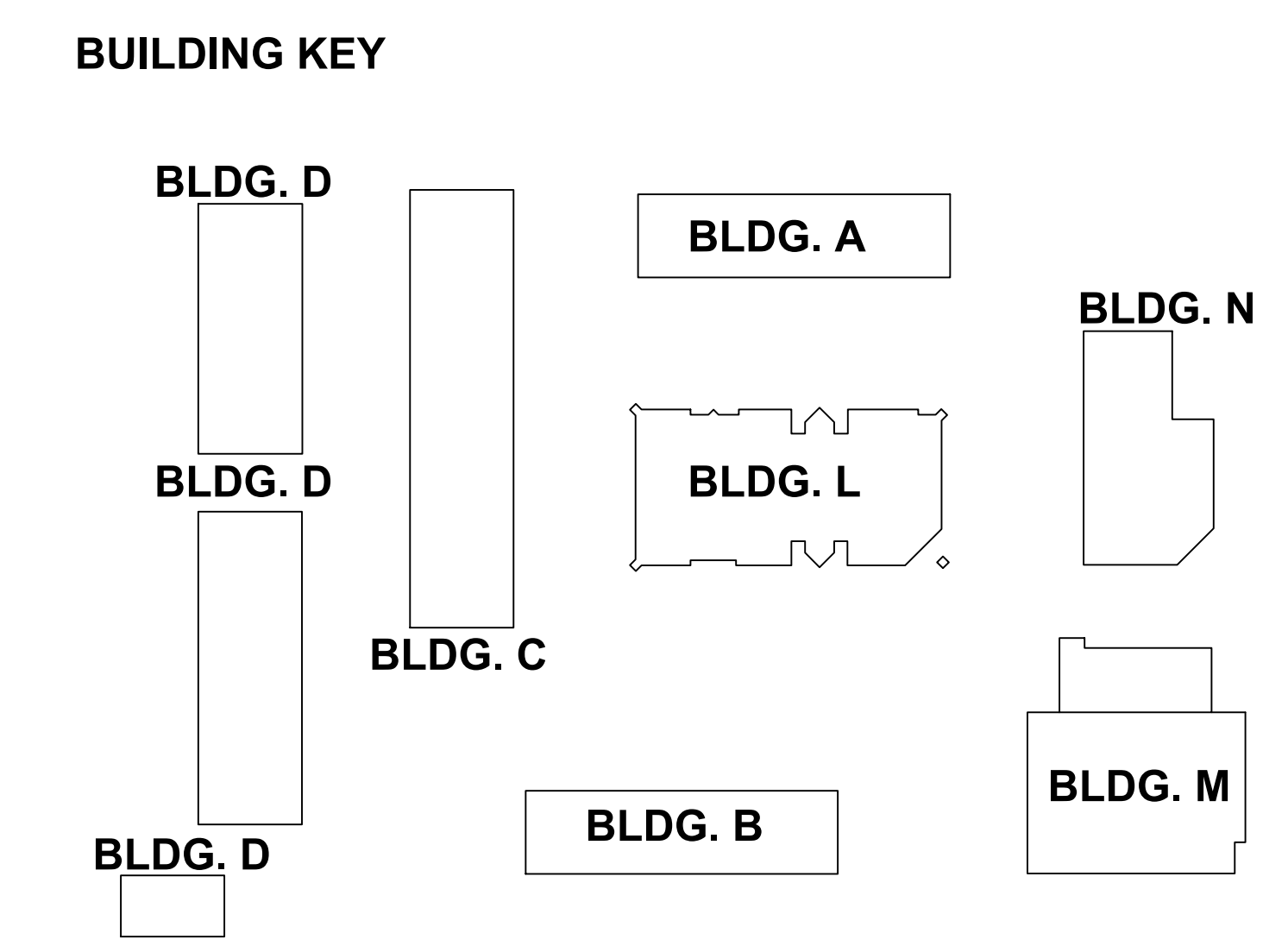
DATE 11/15/2018
 JOB # 2018045
 SHEET # **M5.41**



2 BUILDING N ROOF - MECHANICAL
 SCALE: 1/8" = 1'-0"



1 BUILDING M ROOF - MECHANICAL
 SCALE: 1/8" = 1'-0"



PROJECT

**MARGARET
 SCOTTEN ES
 MODERNIZATION
 2019**

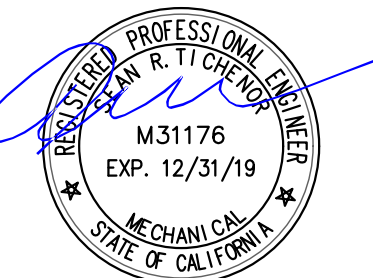


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PLOT DATE: 5/2/2019

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MILESTONES

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- DSA SUB

SHEET

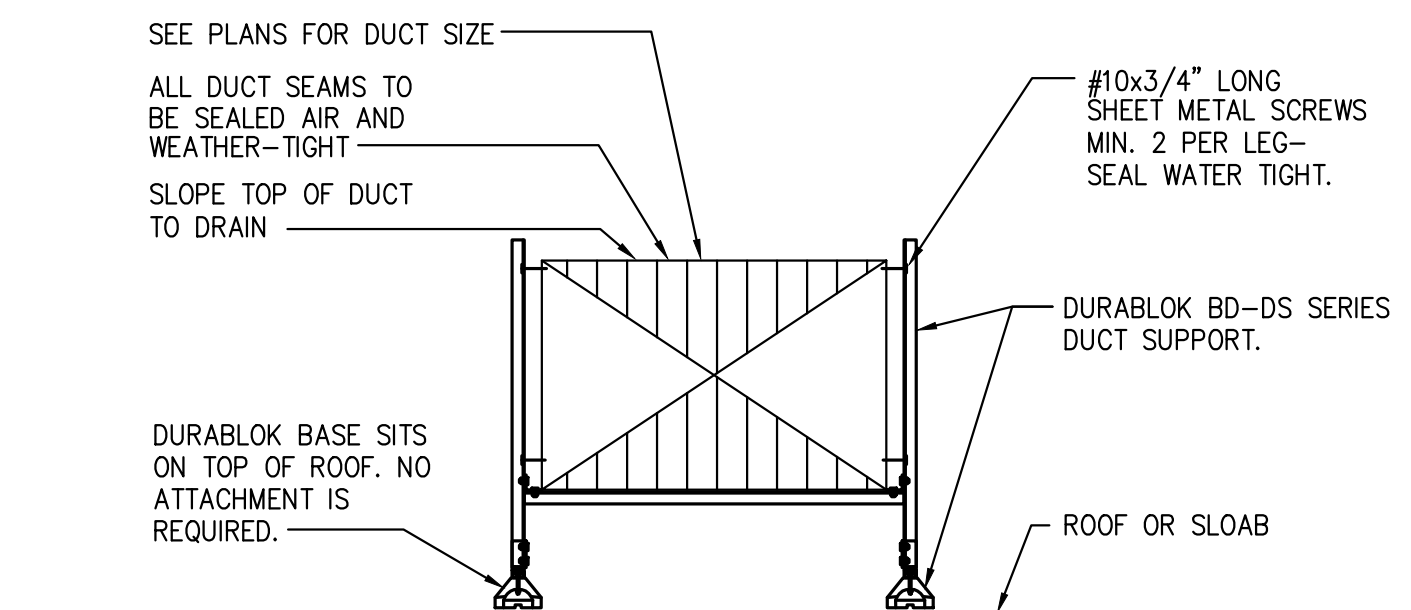
**MECHANICAL
 DETAILS**

DATE 11/15/2018

JOB # 2018045

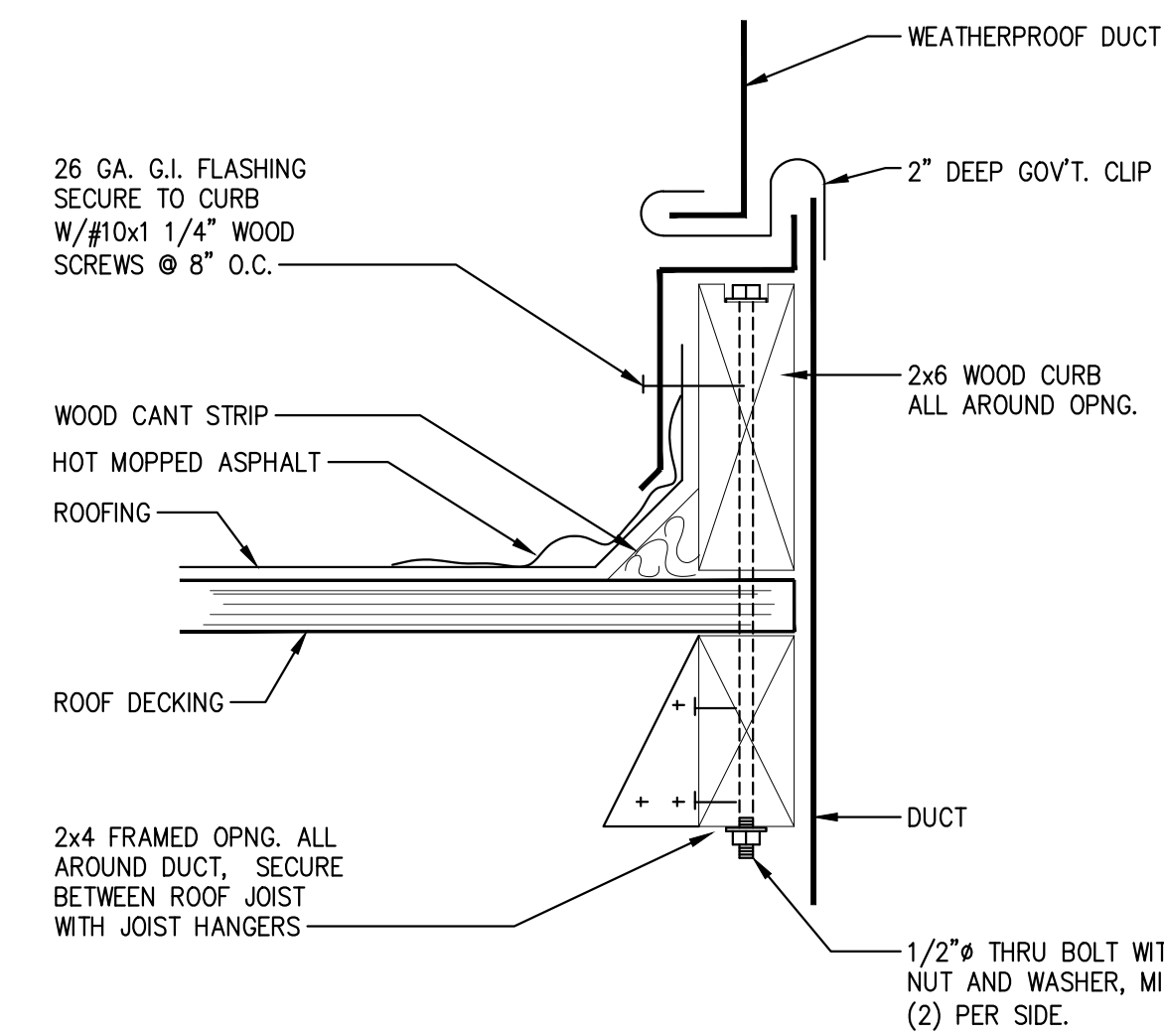
SHEET #

M7.01

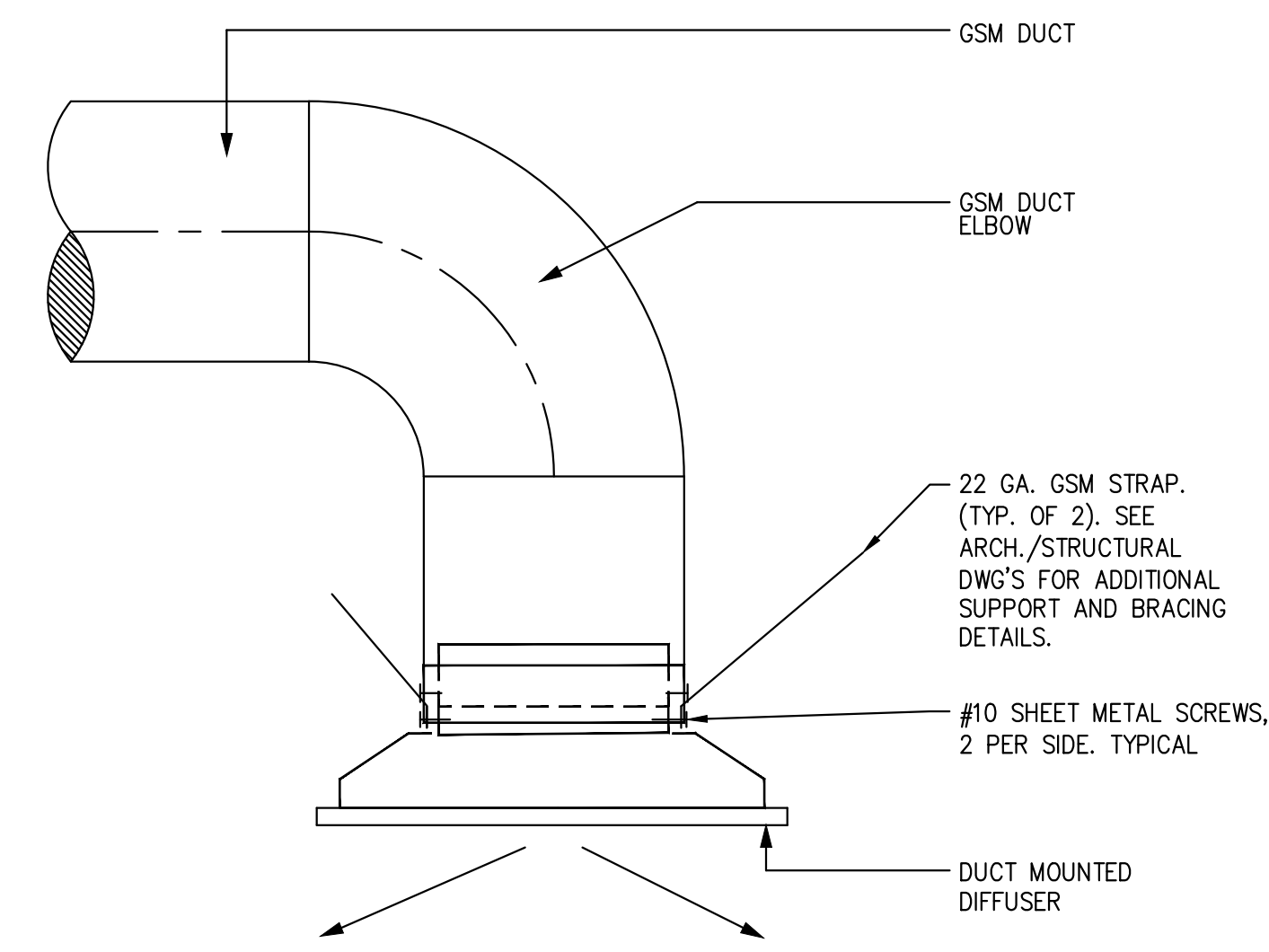


- NOTES:
1. DURABLOK BD-DS SERIES DUCT SUPPORT, COMPLETE UNIT WITH BASE, CHANNEL POSTS, RISER CHANNELS, ALL FITTINGS & HARDWARE.
 2. NO ANCHORING OF SUPPORT TO ROOF IS REQUIRED.
 3. FINAL LOCATIONS PER FIELD CONDITIONS.
 4. DUCT SUPPORT SHALL BE SPACED MAX. 8'-0\"/>

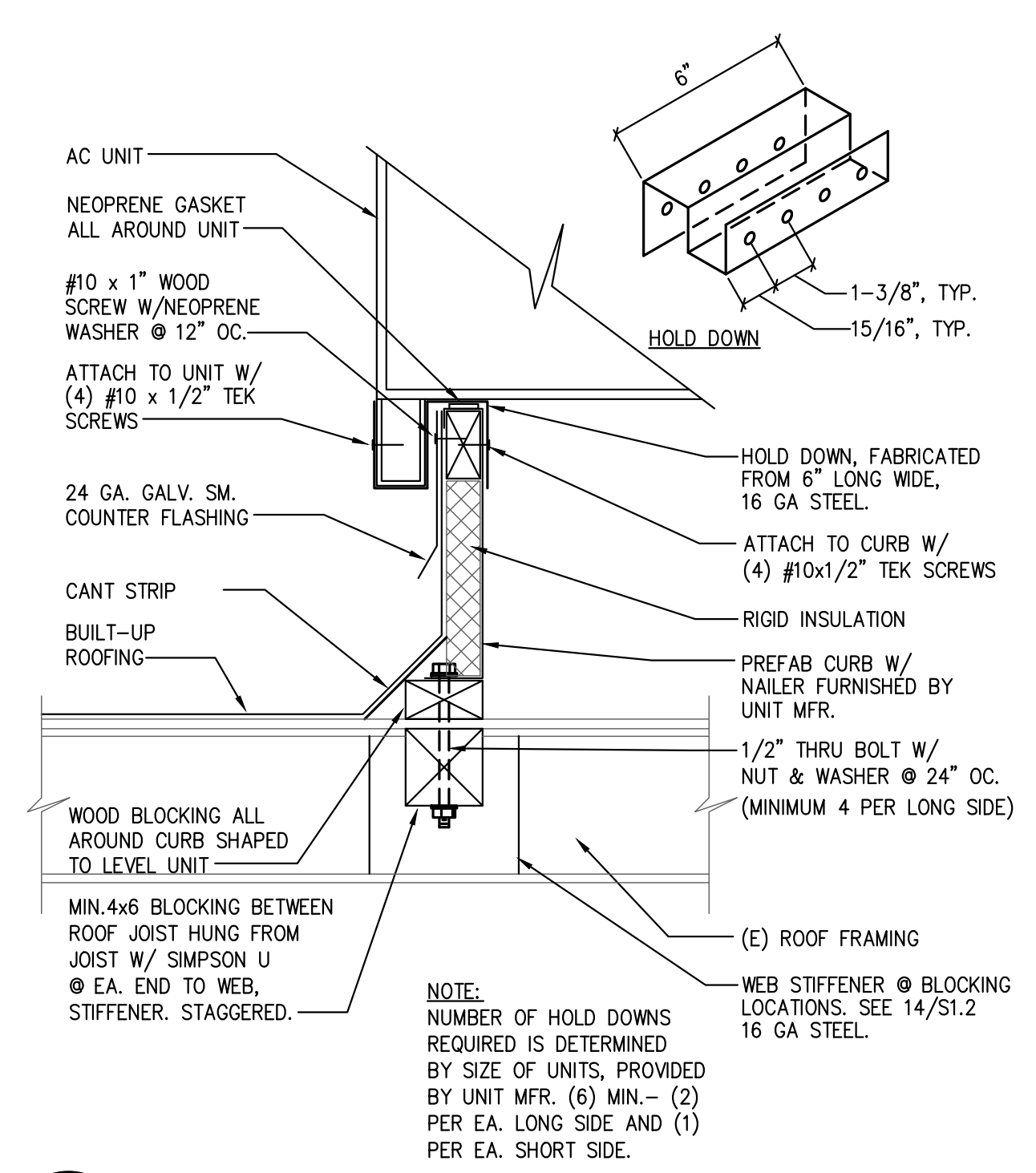
7 RECTANGULAR DUCT SUPPORT ON ROOF/SLAB
 M7.01 SCALE: NONE



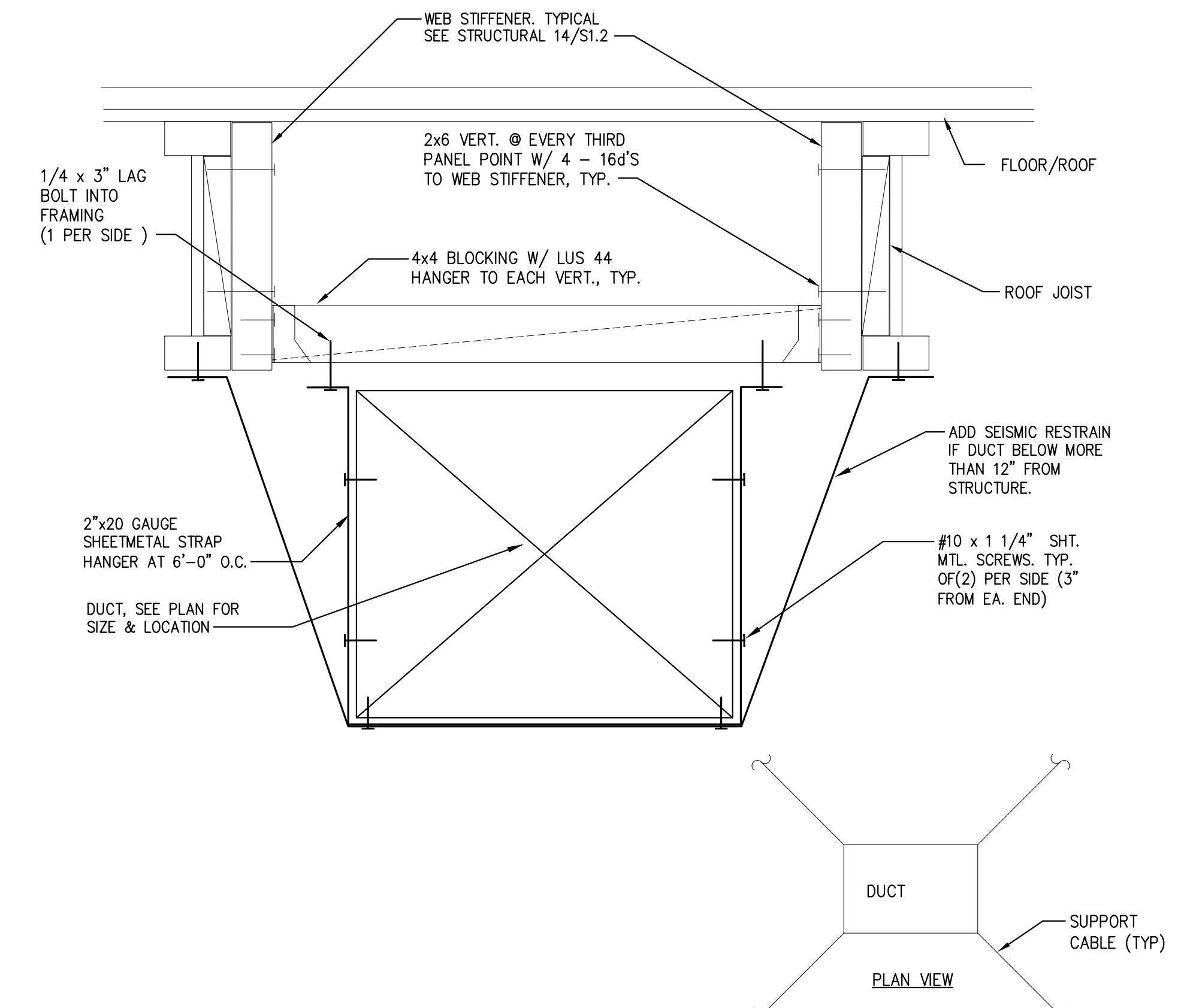
6 DUCT THRU ROOF
 M7.01 SCALE: NONE



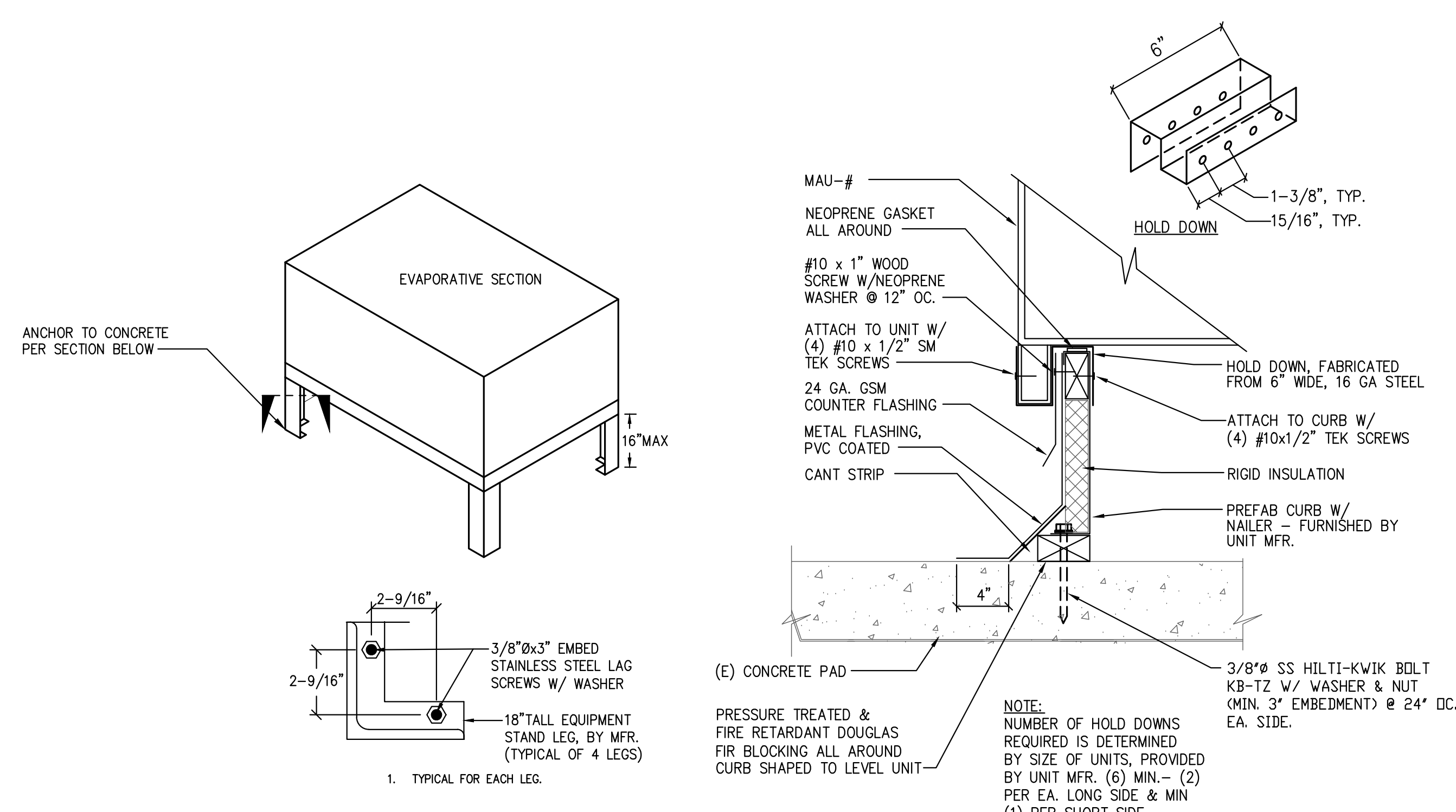
3 DIFFUSER DETAIL
 M7.01 SCALE: NONE



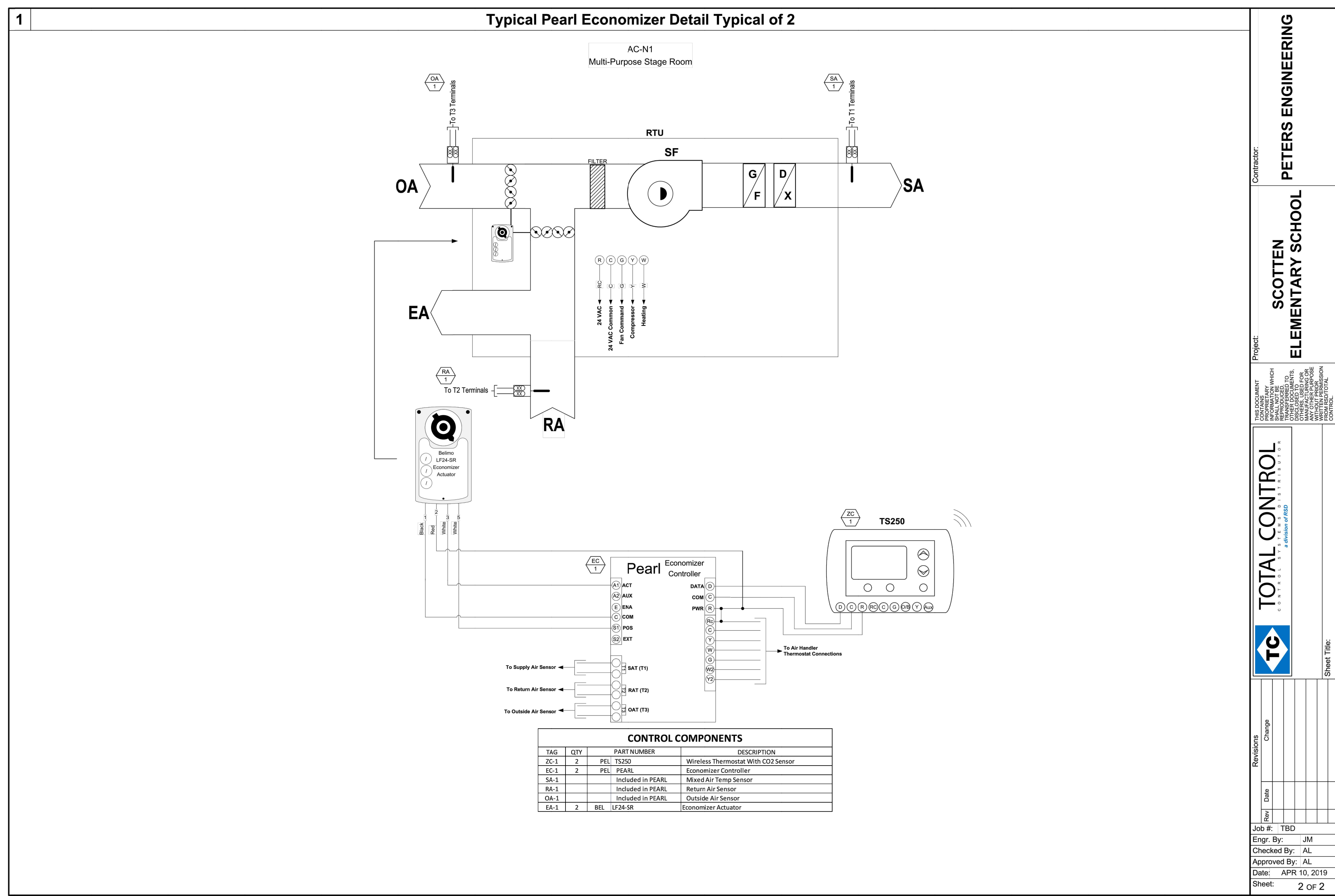
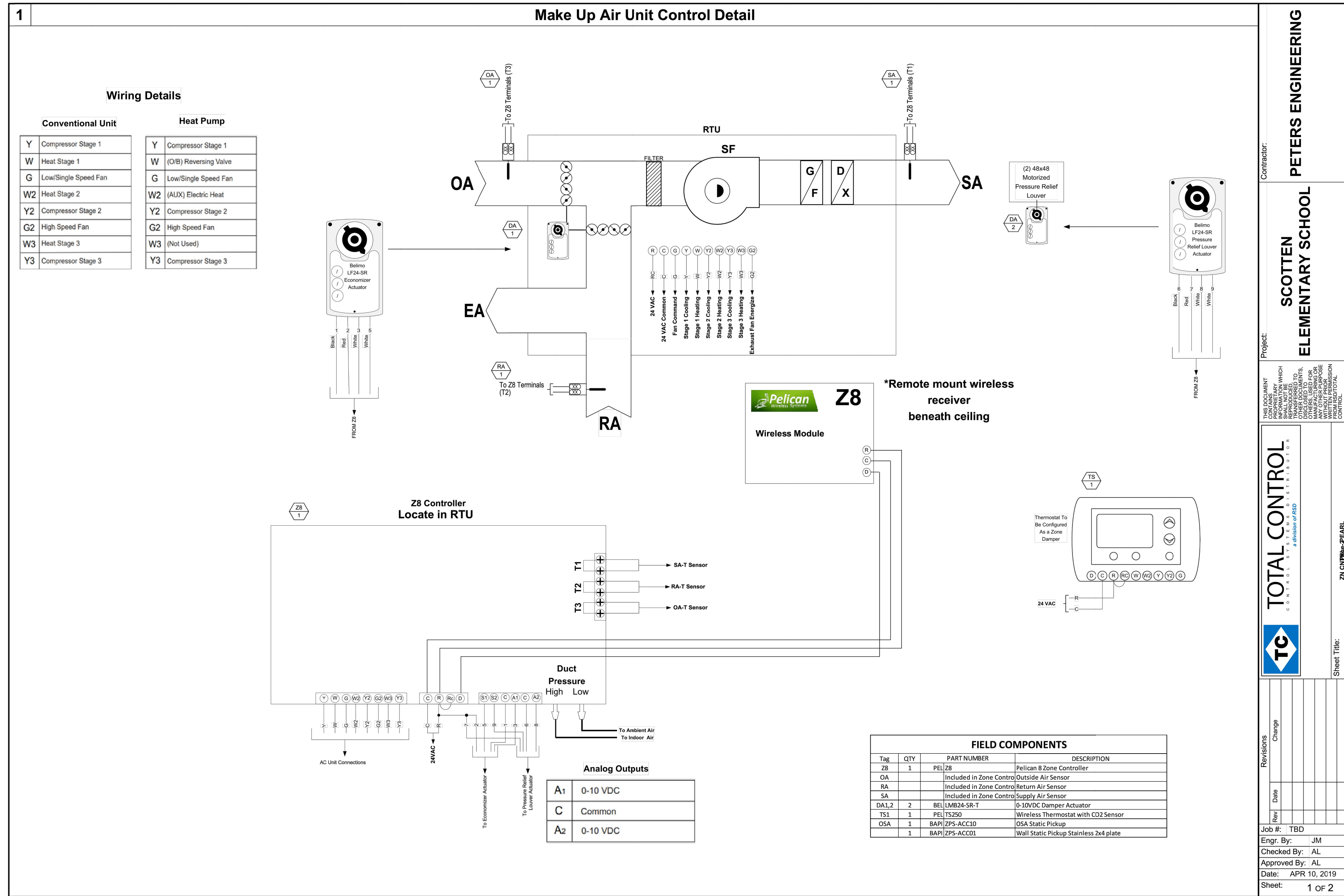
1 AC UNIT CURB
 M7.01 SCALE: NONE



2 DUCT SUPPORT
 M7.01 SCALE: NONE



5 MAKE UP AIR UNIT MOUNTING
 M7.01 SCALE: NONE



CONTRACTOR: PETERS ENGINEERING
 PROJECT: SCOTTEN ES ELEMENTARY SCHOOL
 SHEET TITLE: Z8 CONTROLLER
 SHEET NO.: 1 OF 2

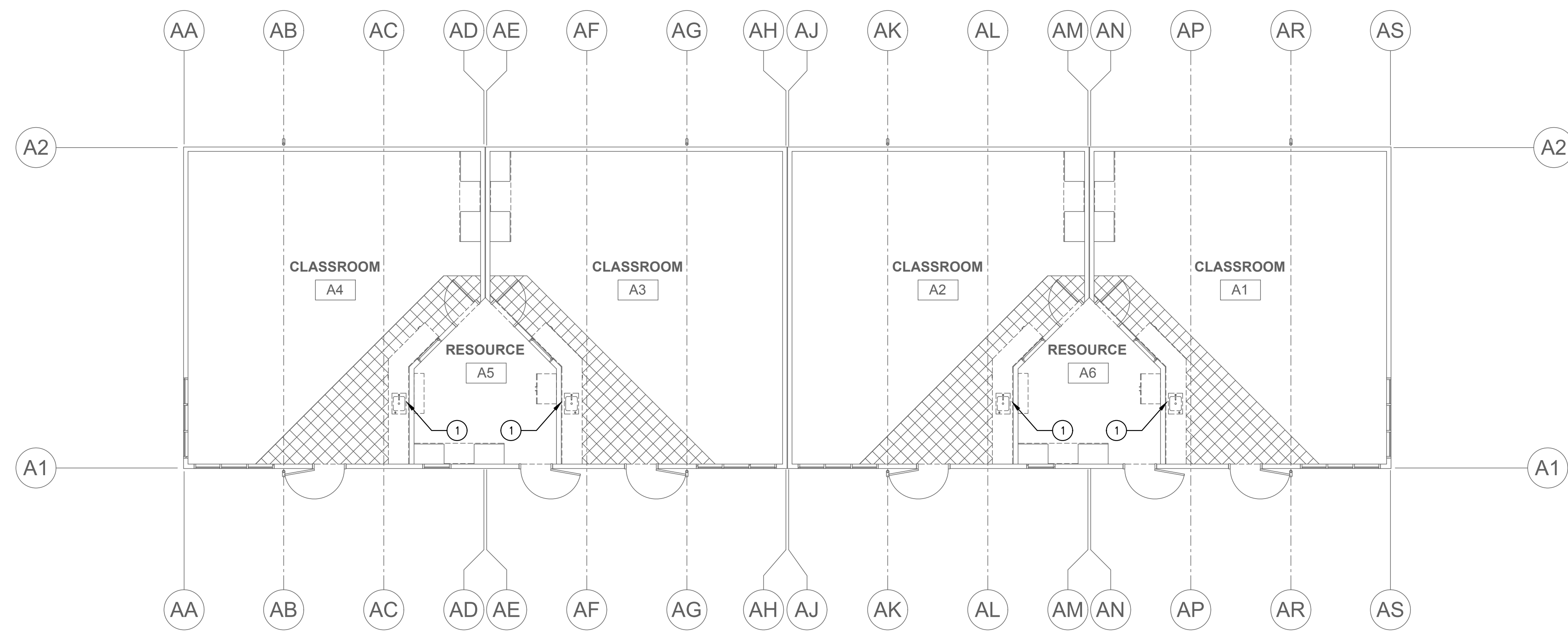
CONTRACTOR: PETERS ENGINEERING
 PROJECT: SCOTTEN ES ELEMENTARY SCHOOL
 SHEET TITLE: PEARL CONTROLLER
 SHEET NO.: 2 OF 2

PLUMBING FIXTURE SCHEDULE					
SYMBOL	MAKE	NUMBER	DESCRIPTION/TRIM	SUPPORT	MATERIAL
WC=1	KOHLER	K-96053-SS WELLCOME	FLUSH VALVE WATER CLOSET WITH ELONGATED BOWL, TOP SPUD, 15-1/4" RIM HEIGHT.	FLOOR	VT. CHINA
	SLOAN VALVE (MANUAL)	ROYAL 111-1.28	MANUAL LOW CONSUMPTION FLUSH VALVE (1.28 GPF), BENEKE 523SS OPEN FRONT WHITE SEAT. PROVIDE SUPPLIES AND STOPS.		
WC=2 ACCESSIBLE	KOHLER	K-4405 HIGHLINE	FLUSH VALVE WATER CLOSET WITH ELONGATED BOWL, TOP SPUD, 17-1/8" RIM HEIGHT.	FLOOR	VT. CHINA
	SLOAN VALVE (MANUAL)	ROYAL 111-1.28	MANUAL LOW CONSUMPTION FLUSH VALVE (1.28 GPF), BENEKE 523SS OPEN FRONT WHITE SEAT. PROVIDE SUPPLIES AND STOPS. FLUSH VALVE LEVER ON WIDE SIDE OF STALL.		
WC=3	KOHLER	K-96064-SS PRIMARY	FLUSH VALVE WATER CLOSET WITH ELONGATED BOWL, TOP SPUD, 10-1/4" RIM HEIGHT.	FLOOR	VT. CHINA
	SLOAN VALVE (MANUAL)	ROYAL 111-1.28	MANUAL LOW CONSUMPTION FLUSH VALVE (1.28 GPF), INCLUDES K-4686 SEAT, SMALL FRONT OPENING AND SCALLOPED HANDHOLD LOCATIONS. PROVIDE SUPPLIES AND STOPS. FLUSH VALVE LEVER ON WIDE SIDE OF STALL.		
UR-1 ACCESSIBLE	KOHLER	K-4991-ET BARDON	WASHOUT URINAL, 3/4" TOP SPUD, 2" THREADED OUTLET.	WALL	VT. CHINA
	SLOAN VALVE (MANUAL)	ROYAL 186-0.125	SLOAN LOW CONSUMPTION (0.125 GPF) MANUAL FLUSH VALVE, SUPPLY AND STOP.		
L-1 ACCESSIBLE	KOHLER	K-2005 KINGSTON	LAVATORY, 21-1/4" X 18-1/2" X 4-3/8", 4" CENTERS, PROVIDE 327-XCP FLAT GRID STRAINER, P-TRAP, SUPPLIES AND STOPS.	WALL	VT. CHINA
	CHICAGO FAUCET (MANUAL)	857- E2505- 665PSHAB	COLD WATER SUPPLY, 4" CENTERS, MANUAL METEDED FAUCET, 0.5 GPM, SELF CLOSING, SET TIMER TO 20 SECONDS.		
L-2 ACCESSIBLE	KOHLER	K-2005 KINGSTON	LAVATORY, 21-1/4" X 18-1/2" X 4-3/8", 4" CENTERS, PROVIDE 327-XCP FLAT GRID STRAINER, P-TRAP, SUPPLIES AND STOPS.	WALL	VT. CHINA
	CHICAGO FAUCET (MANUAL)	420-14SE 2805ABCP	HOT AND COLD SUPPLY, 4" CENTERS, SINGLE LEVER FAUCET, 0.5 GPM.		
IMV	LEONARD	170-LF-BP- BWE-REC	THERMOSTATIC MIXING VALVE, LOCKING CABINET, COLD WATER BYPASS, INTEGRAL CHECK VALVES, LEAD FREE, 0.25 GPM MIN. FLOW, SET AT A MAX. TEMP. OF 120° F. (ASSE 1070)	RECESSED	BAKED WHITE ENAMEL
	CHICAGO FAUCET (MANUAL)	857- E2505- 665PSHAB	SINGLE TEMP SUPPLY, 4" CENTERS, MANUAL METEDED FAUCET, 0.5 GPM, SELF CLOSING, SET TIMER TO 20 SECONDS.		
L-3 ACCESSIBLE	KOHLER	K-2005 KINGSTON	LAVATORY, 21-1/4" X 18-1/2" X 4-3/8", 4" CENTERS, PROVIDE 327-XCP FLAT GRID STRAINER, P-TRAP, SUPPLIES AND STOPS.	WALL	VT. CHINA
	CHICAGO FAUCET (MANUAL)	857- E2505- 665PSHAB	SINGLE TEMP SUPPLY, 4" CENTERS, MANUAL METEDED FAUCET, 0.5 GPM, SELF CLOSING, SET TIMER TO 20 SECONDS.		
IMV	LEONARD	170-LF-BP- BWE-REC	THERMOSTATIC MIXING VALVE, LOCKING CABINET, COLD WATER BYPASS, INTEGRAL CHECK VALVES, LEAD FREE, 0.25 GPM MIN. FLOW, SET AT A MAX. TEMP. OF 110° F. (ASSE 1070)	RECESSED	BAKED WHITE ENAMEL
	CHICAGO FAUCET (MANUAL)	350-E35ABCP	COLD WATER SUPPLY, SINGLE HOLE, GOOSENECK RIGID SPOUT FAUCET, 5-1/4" CENTER TO CENTER, 1.5 GPM., LEVER HANDLE TO BE MOUNTED ON THE COUNTER SIDE OF THE GOOSENECK SPOUT.		
S-1 ACCESSIBLE	ELKAY	DRKADQ3119- 65-2	SINK, 31" X 19" TYPE 304, REAR DRAIN LOCATION, PROVIDE WITH LKAD18 OFFSET FLAT GRID STRAINER, P-TRAP, SUPPLIES AND STOPS. PROVIDE STOP-IN HOLE COVER FOR RIGHT FRONT SLOTTED HOLE, PLUGGED FOR FUTURE USE.	COUNTER	STAINLESS STEEL
	CHICAGO FAUCET (MANUAL)	50-E35ABCP	HOT AND COLD SUPPLY, SINGLE HOLE, GOOSENECK RIGID SPOUT FAUCET, 5-1/4" CENTER TO CENTER, 1.5 GPM, LEVER HANDLES.		
S-2 ACCESSIBLE	ELKAY	DRKADQ3119- 65-2	SINK, 31" X 19" TYPE 304, REAR DRAIN LOCATION, PROVIDE WITH LKAD18 OFFSET FLAT GRID STRAINER, P-TRAP, SUPPLIES AND STOPS. PROVIDE STOP-IN HOLE COVER FOR RIGHT FRONT SLOTTED HOLE, PLUGGED FOR FUTURE USE.	COUNTER	STAINLESS STEEL
	CHICAGO FAUCET (MANUAL)	50-E35ABCP	HOT AND COLD SUPPLY, SINGLE HOLE, GOOSENECK RIGID SPOUT FAUCET, 5-1/4" CENTER TO CENTER, 1.5 GPM, LEVER HANDLES.		
IMV	LEONARD	170-ALF-BP- BRKT	THERMOSTATIC MIXING VALVE, INTEGRAL CHECK VALVES, MOUNTING BRACKET, LEAD FREE, 0.25 GPM MIN. FLOW, LOOKING TEMPERATURE REGULATOR, 3/8" INLETS, 3/8" OUTLET, SET AT A MAX. TEMP. OF 110° F	UNDER COUNTER	
	ELKAY (RECESSED)	EHW217C	DUAL HEIGHT DRINKING FOUNTAIN, 14 GA. TYPE 304 STAINLESS STEEL, VANDAL RESISTANT BUBBLER AND P-TRAPS. PROVIDE WITH ELKAY M100 IN WALL SUPPORT LEGS, ELKAY MFW200 IN-WALL MOUNTING PLATE, SUPPLIES AND STOPS.	WALL INDOOR/ OUTDOOR	STAINLESS STEEL
RD	ZURN	Z125-C-R	PRIMARY ROOF DRAIN WITH UNDERDECK CLAMP, SUMP RECEIVER, AND CAST IRON DOME.	ROOF	CAST IRON

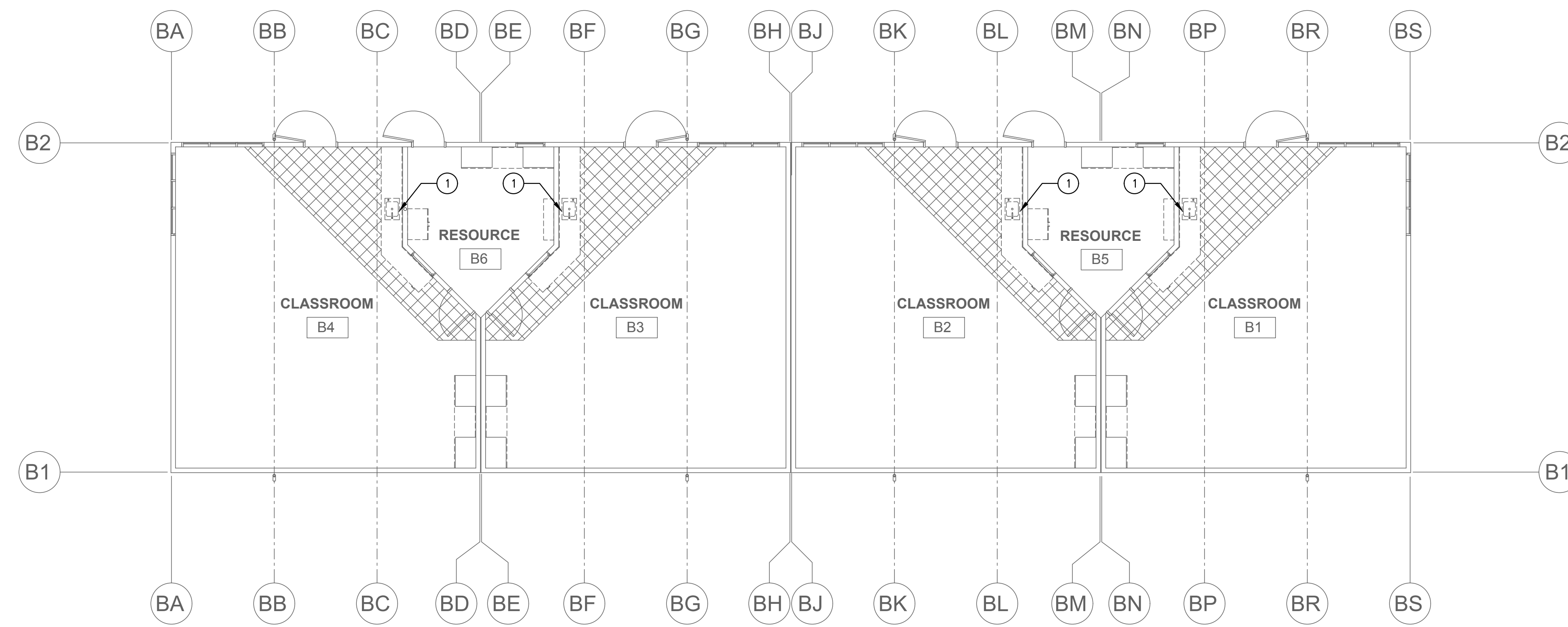
MEP COMPONENT ANCHORAGE NOTE	
ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.	
1. ALL PERMANENT EQUIPMENT AND COMPONENTS. 2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRE) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. 3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND 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 ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.	
THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT THE ATTACHMENT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT.	
A. 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. B. 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.	
FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.	
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE	
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.5.6, 13.6.7, 13.6.8, AND 2016 CBC, SECTIONS 1616A.1.24, 1616A.1.25 AND 1616A.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., SMACNA OR OSHPD OPM), 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 <input type="checkbox"/> MD <input type="checkbox"/> PP <input checked="" type="checkbox"/> E <input type="checkbox"/>	OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS
MP <input type="checkbox"/> MD <input type="checkbox"/> PP <input type="checkbox"/> E <input type="checkbox"/>	OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) _____
MP <input type="checkbox"/> MD <input type="checkbox"/> PP <input type="checkbox"/>	OPTION 3: SHALL COMPLY WITH THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION (2009), INCLUDING ANY ADDENDA. FASTENERS AND OTHER ATTACHMENTS NOT SPECIFICALLY IDENTIFIED IN THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION, ARE DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. THE DETAILS SHALL ACCOUNT FOR THE APPLICABLE SEISMIC HAZARD LEVEL _____ AND CONNECTION LEVEL _____ FOR THE PROJECT AND CONDITIONS.

PLUMBING LEGEND			
—	WASTE (W)	FA	FROM ABOVE
- - - -	VENT (V)	FB	FROM BELOW
—	COLD WATER (CW)	FCO	FLOOR CLEANOUT
—	HOT WATER (HW)	GCO	GRADE CLEANOUT
— CD	CONDENSATE DRAIN (CD)	GWH	GAS WATER HEATER
— G	GAS (G)	HW	HOT WATER
— MG	GAS - MEDIUM PRESSURE	HW R	HOT WATER RISER
— HP	GAS - HIGH PRESSURE	IE	INVERT ELEVATION
●	POINT OF CONNECTION (POC)	(N)	NEW
ABC	ABOVE CEILING	PSI	POUNDS PER SQUARE INCH
ADA	AMERICAN DISABILITIES ACT	SOC	SHUT OFF COOK
AFF	ABOVE FINISH FLOOR	SOV	SHUT OFF VALVE
CD	CONDENSATE DRAIN	TYP	TYPICAL
CW	COLD WATER	V	VENT
CWR	COLD WATER RISER	VR	VENT RISER
(E)	EXISTING	VTR	VENT THRU ROOF
EW	ELECTRIC WATER HEATER	WCO	WALL CLEANOUT
		WHA	WATER HAMMER ARRESTOR

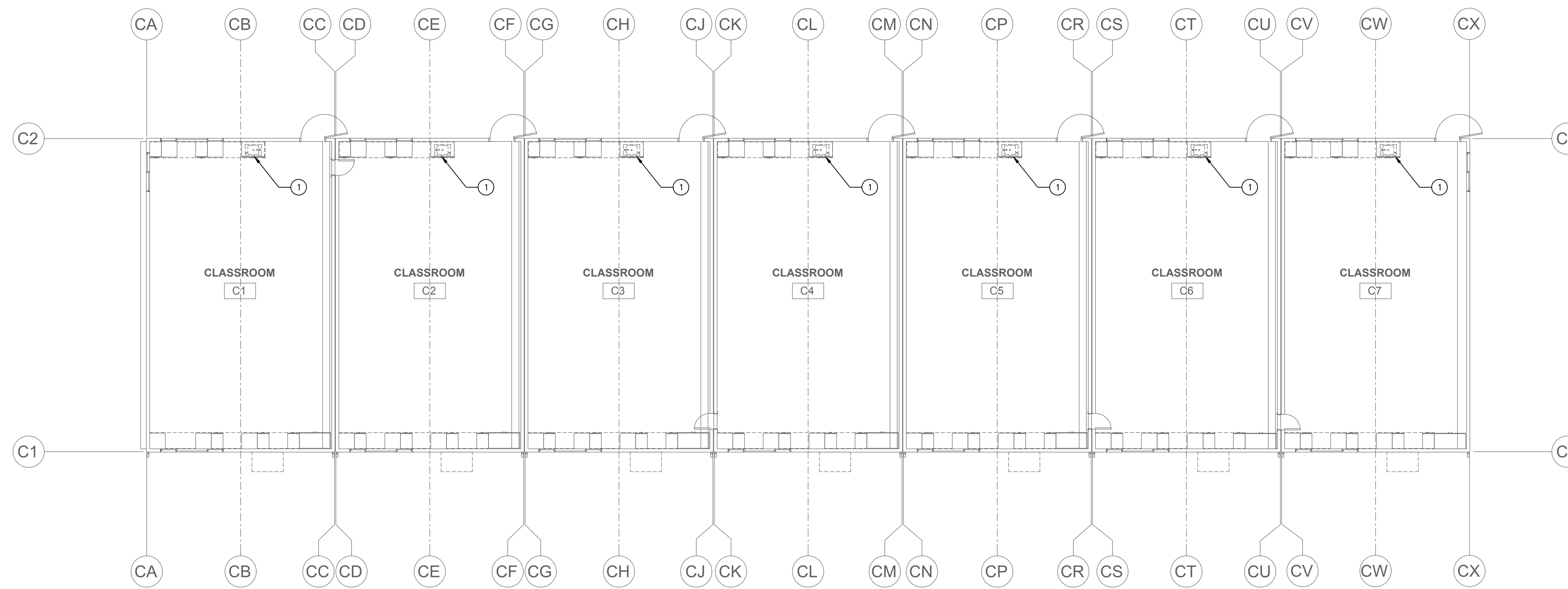
PLUMBING FIXTURE CONNECTION SCHEDULE									
FIXTURE	SYMBOL	WASTE				COLD WATER		HOT WATER	
		BRANCH	OUTLET	VENT	TRAP	BRANCH	OUTLET	BRANCH	OUTLET
WATER CLOSET	☉ WC	4"	4"	2"	—	1-1/2"	1"	—	—
LAVATORY	L	2"	1-1/2"	1-1/2"	1-1/2"	1/2"	3/8"	1/2"	3/8"
SINK	S	2"	1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	1/2"	1/2"
URINAL	△ UR	2"	2"	1-1/2"	—	1"	3/4"	—	—
LAVATORY	DF	2"	1-1/4"	1-1/2"	1-1/2"	1/2"	1/2"	—	—



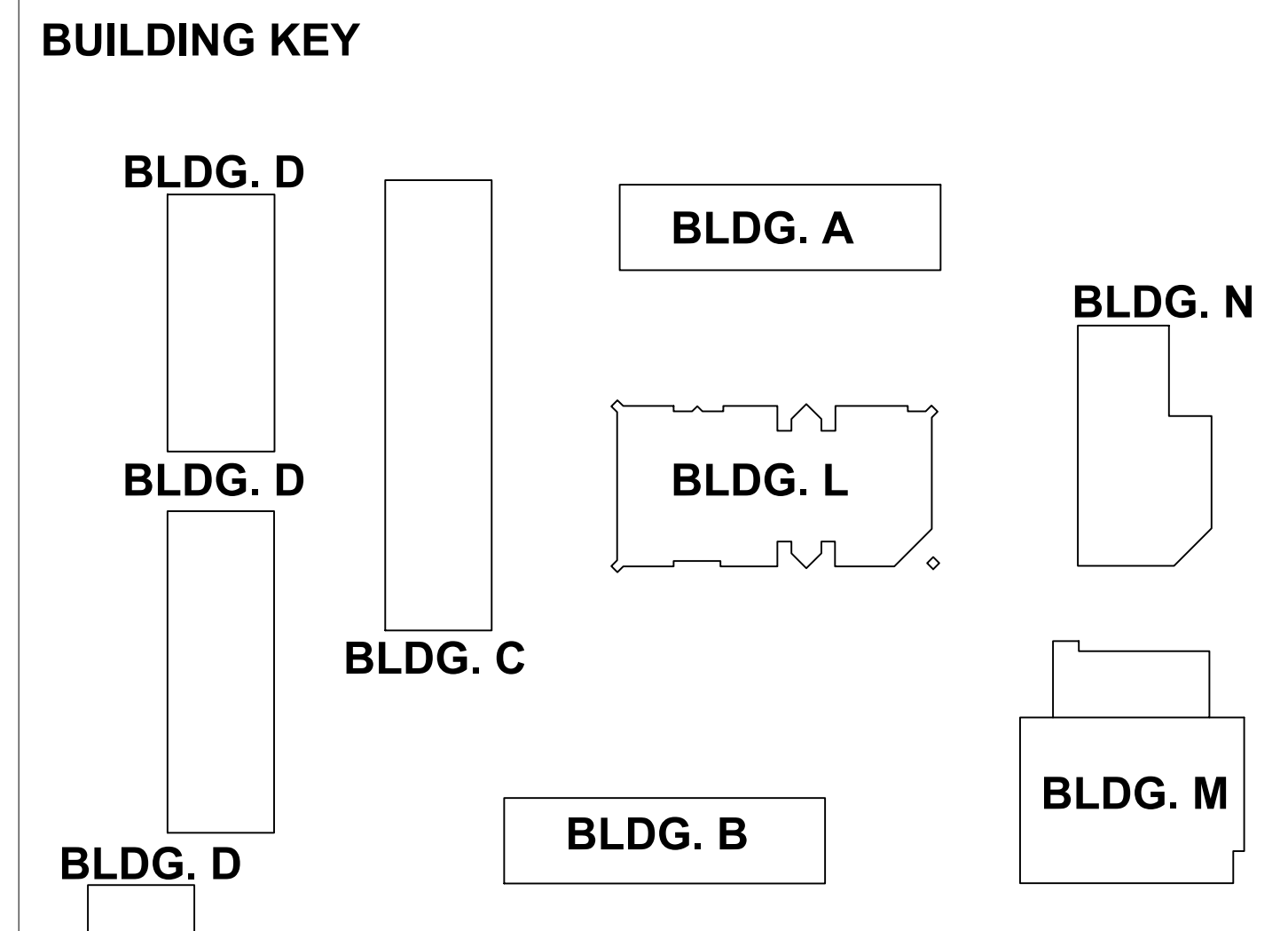
1 BUILDING A - PLUMBING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



2 BUILDING B - PLUMBING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



3 BUILDING C - PLUMBING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



SHEET NOTES:
1. FOR NEW WORK PLAN SEE SHEET P3.2L

KEYED NOTES:
① REMOVE (E) PLUMBING FIXTURE AND ALL APPURTENANCES. DISCONNECT ALL PLUMBING UTILITIES AND PREPARE FOR RECONNECTION.

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fax: (408)-300-5121

PROJECT
**MARGARET
SCOTTEN ES
MODERNIZATION
2019**

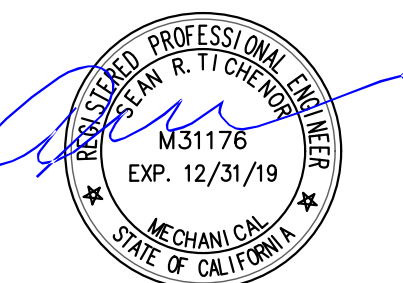


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MILESTONES

SD

DD

50% CD

90% CD

DSA SUB

SHEET

**BUILDINGS A, B &
C - DEMOLITION**

DATE 11/15/2018

JOB # 2018045

SHEET #

P2.21

SHEET NOTES:
 1. FOR NEW WORK PLAN SEE SHEET P2.31

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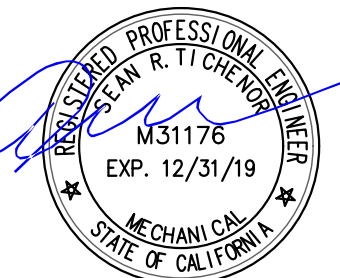


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SHEET

BUILDING D & L - DEMOLITION

DATE 11/15/2018

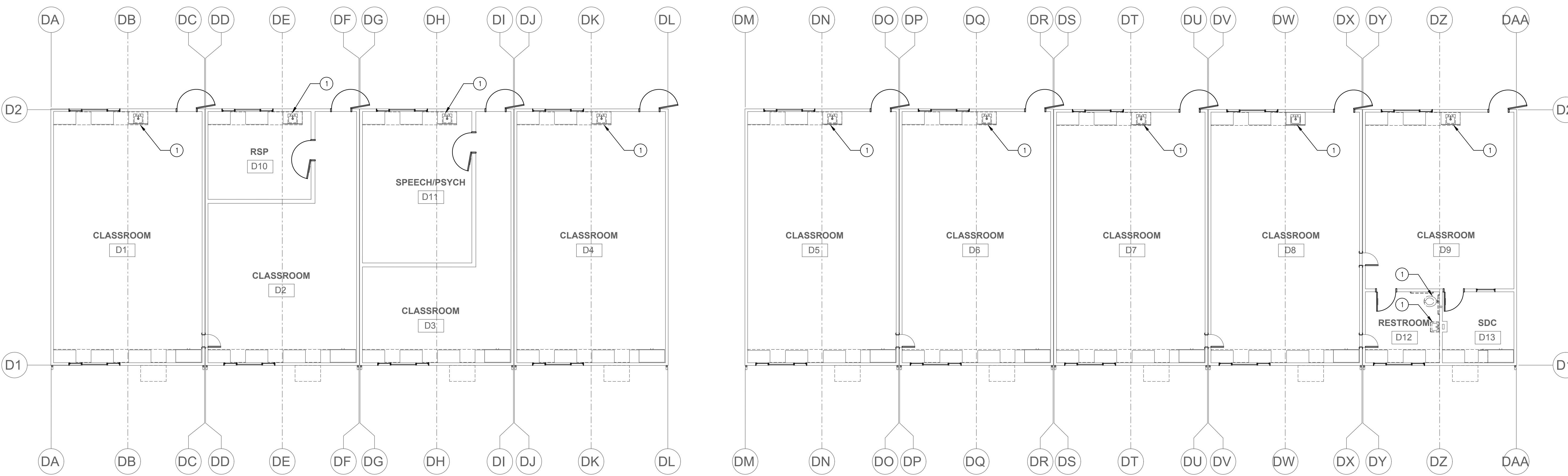
JOB # 2018045

SHEET #

P2.31

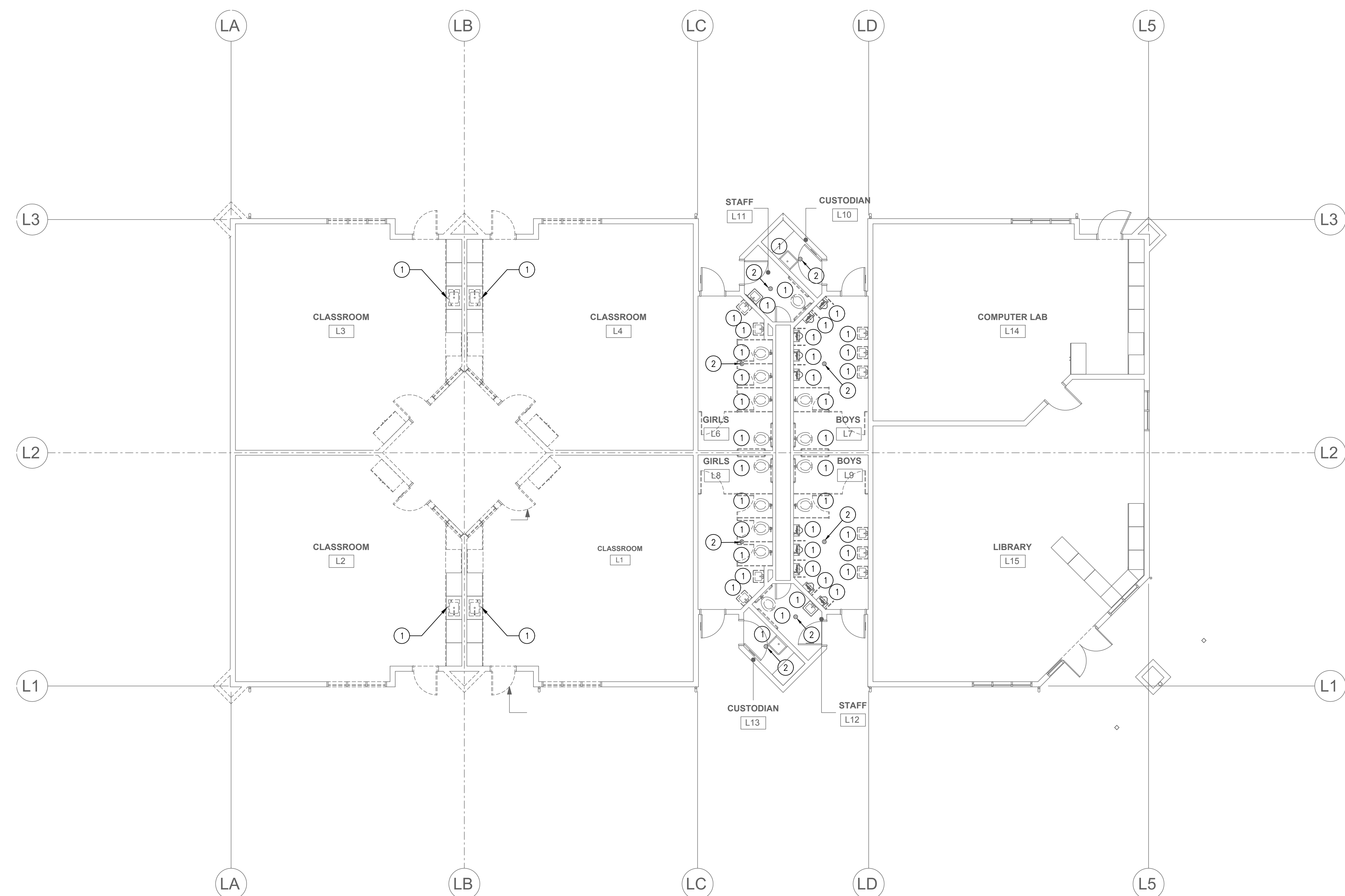
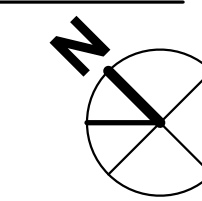
KEYED NOTES:

- REMOVE (E) PLUMBING FIXTURE AND ALL APPURTENANCES. DISCONNECT ALL PLUMBING UTILITIES AND PREPARE FOR RECONNECTION. AS APPLICABLE, REMOVE WALL CARRIER AND PREPARE FOR NEW.
- NEW FLOORING BEING INSTALLED. PREPARE FLOOR DRAIN FOR NEW DRAIN GRATE AND EXTEND PIPE AS NECESSARY.



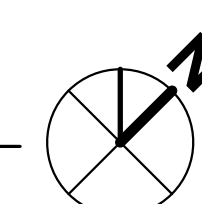
1 BUILDING D - PLUMBING DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



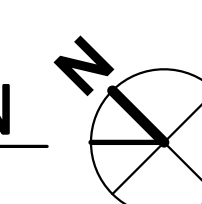
3 BUILDING L - PLUMBING DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

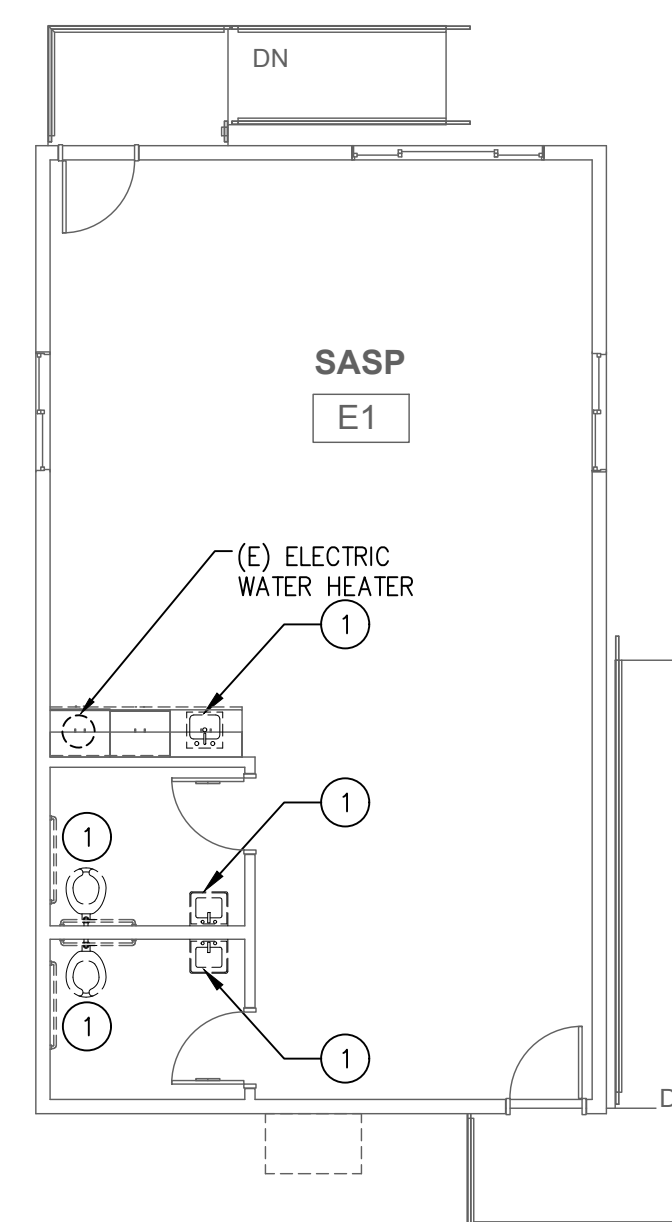
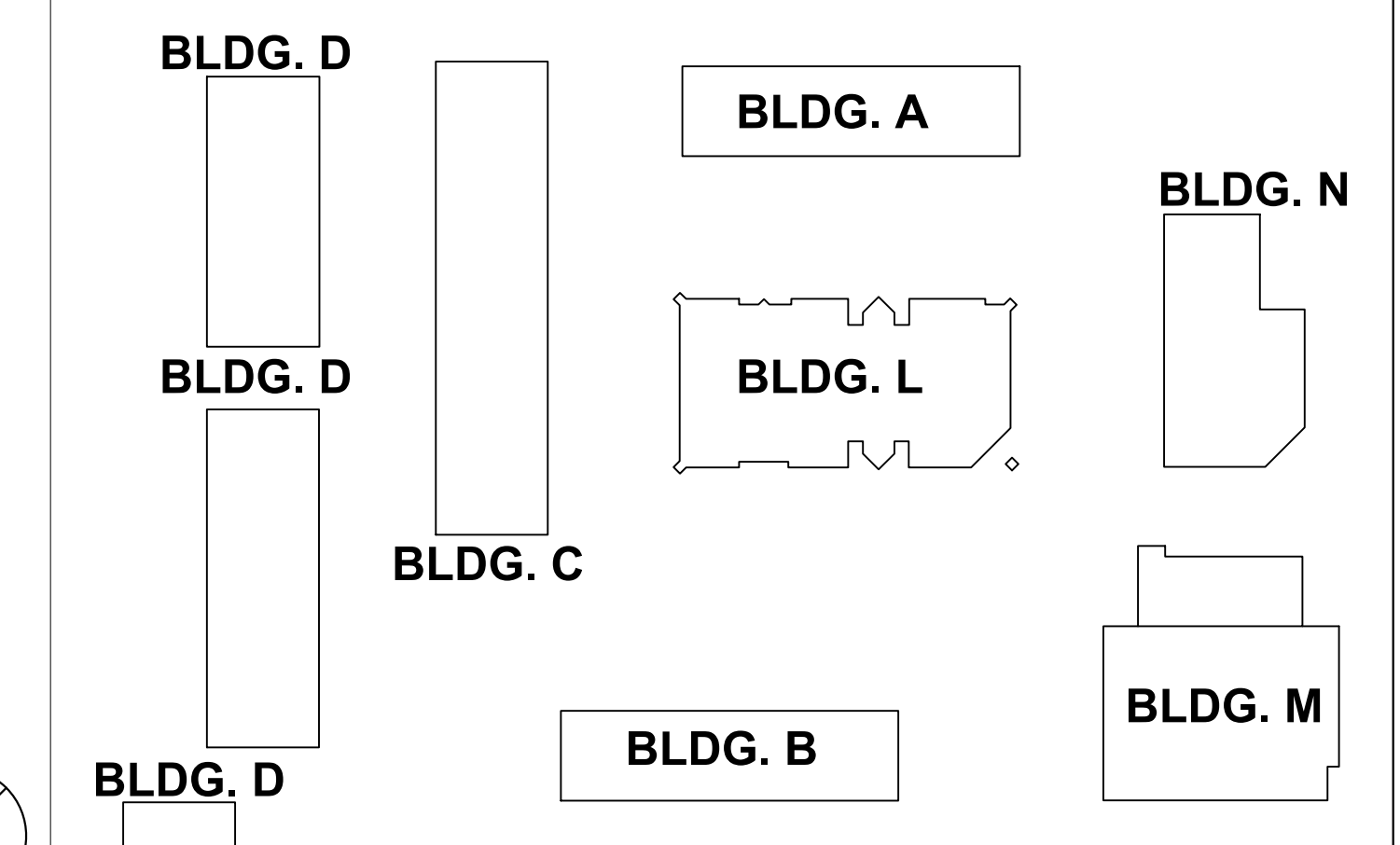


2 BUILDING D - DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



BUILDING KEY



SHEET NOTES:
 1. FOR NEW WORK PLAN SEE SHEET P2.41

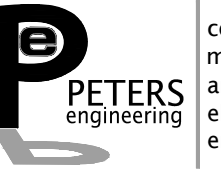
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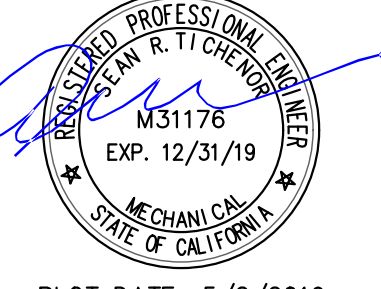
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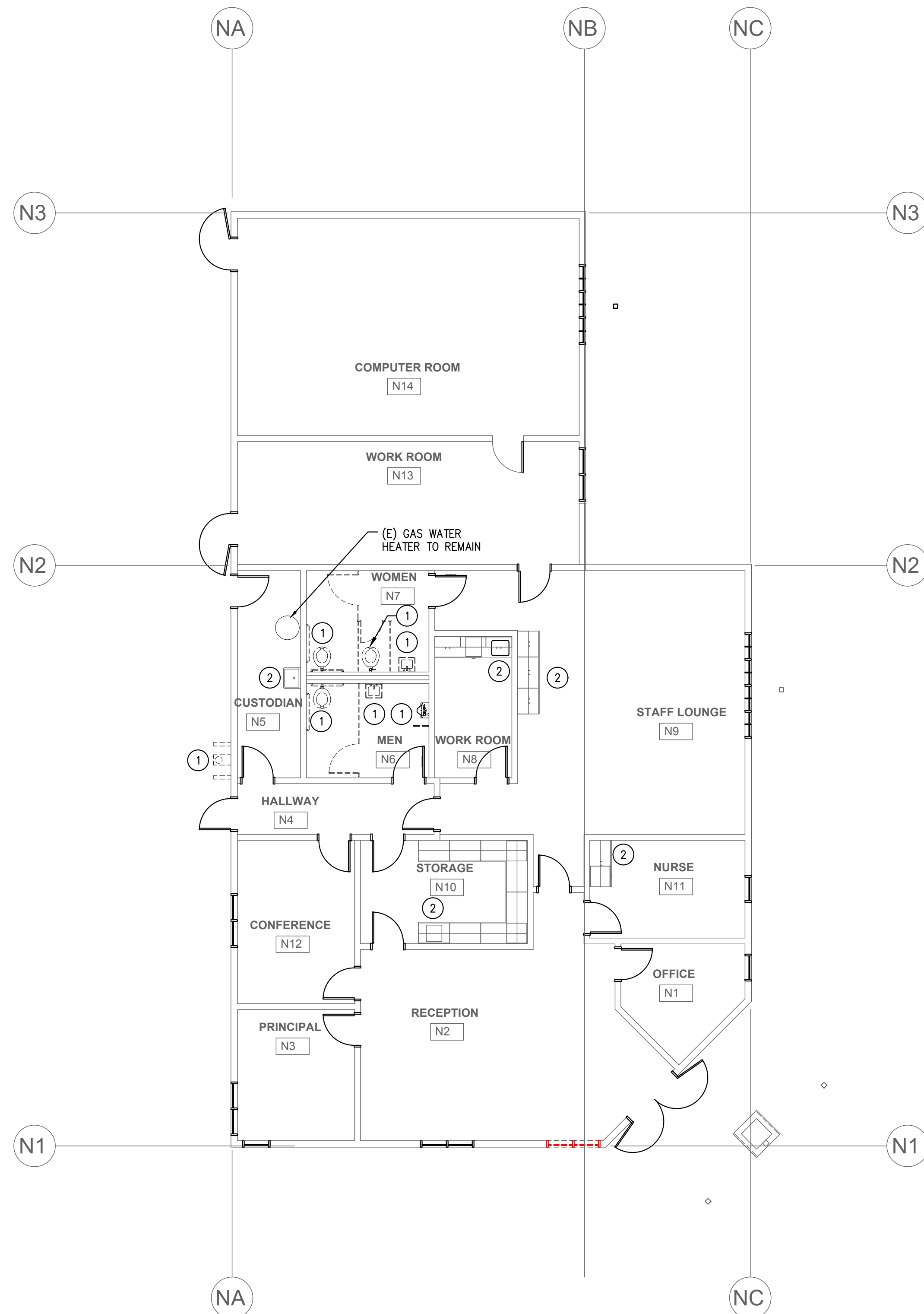
No.	Description	Date
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MILESTONES
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 90% CD
 DSA SUB

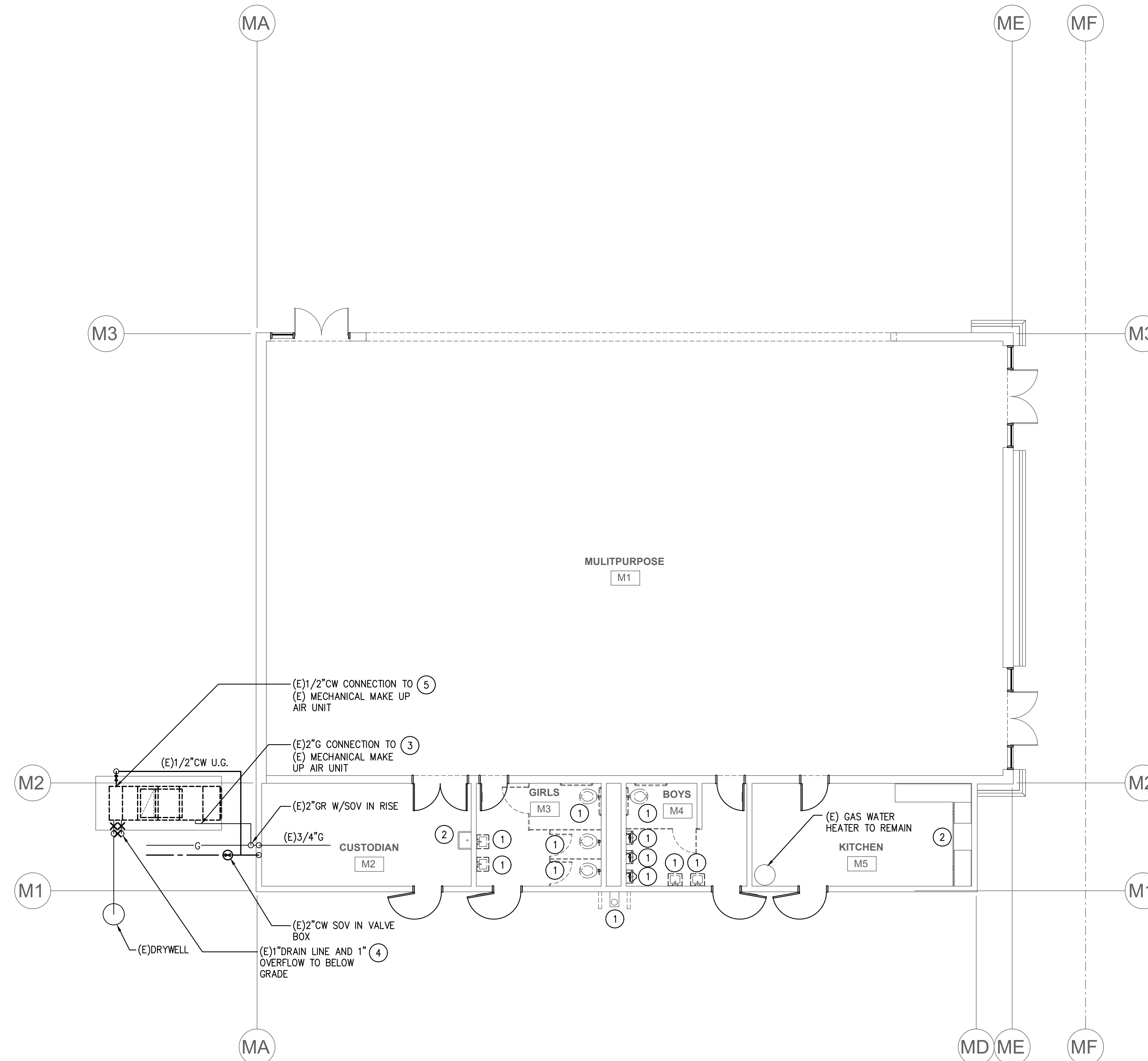
SHEET
BUILDINGS M & N - DEMOLITION

DATE 11/15/2018
 JOB # 2018045
 SHEET # **P2.41**

- KEYED NOTES:**
- REMOVE (E) PLUMBING FIXTURE AND ALL APPURTENANCES. DISCONNECT ALL PLUMBING UTILITIES AND PREPARE FOR RECONNECTION. AS APPLICABLE, REMOVE WALL CARRIER AND PREPARE FOR NEW.
 - (E) FIXTURE TO REMAIN.
 - DISCONNECT (E) 2" GAS LINE, DIRT LEG, AND SHUT OFF VALVE AT MECHANICAL UNIT. PREPARE PIPING FOR NEW PIPE AND RECONNECTION TO NEW MECHANICAL UNIT.
 - DISCONNECT (E) 1" DRAIN LINE AND OVERFLOW DRAIN TO (E) MECHANICAL UNIT. DEMO ALL ABOVE GROUND DRAIN AND OVERFLOW PIPING AND PREPARE FOR RECONNECTION OF NEW PIPE AS IT GOES BELOW GRADE.
 - DISCONNECT 1/2" COLD WATER CONNECTION FROM MECHANICAL UNIT AND REMOVE SHUT OFF VALVE. PREPARE PIPING ABOVE GRADE FOR NEW PIPING AND RECONNECTION TO NEW MECHANICAL UNIT.

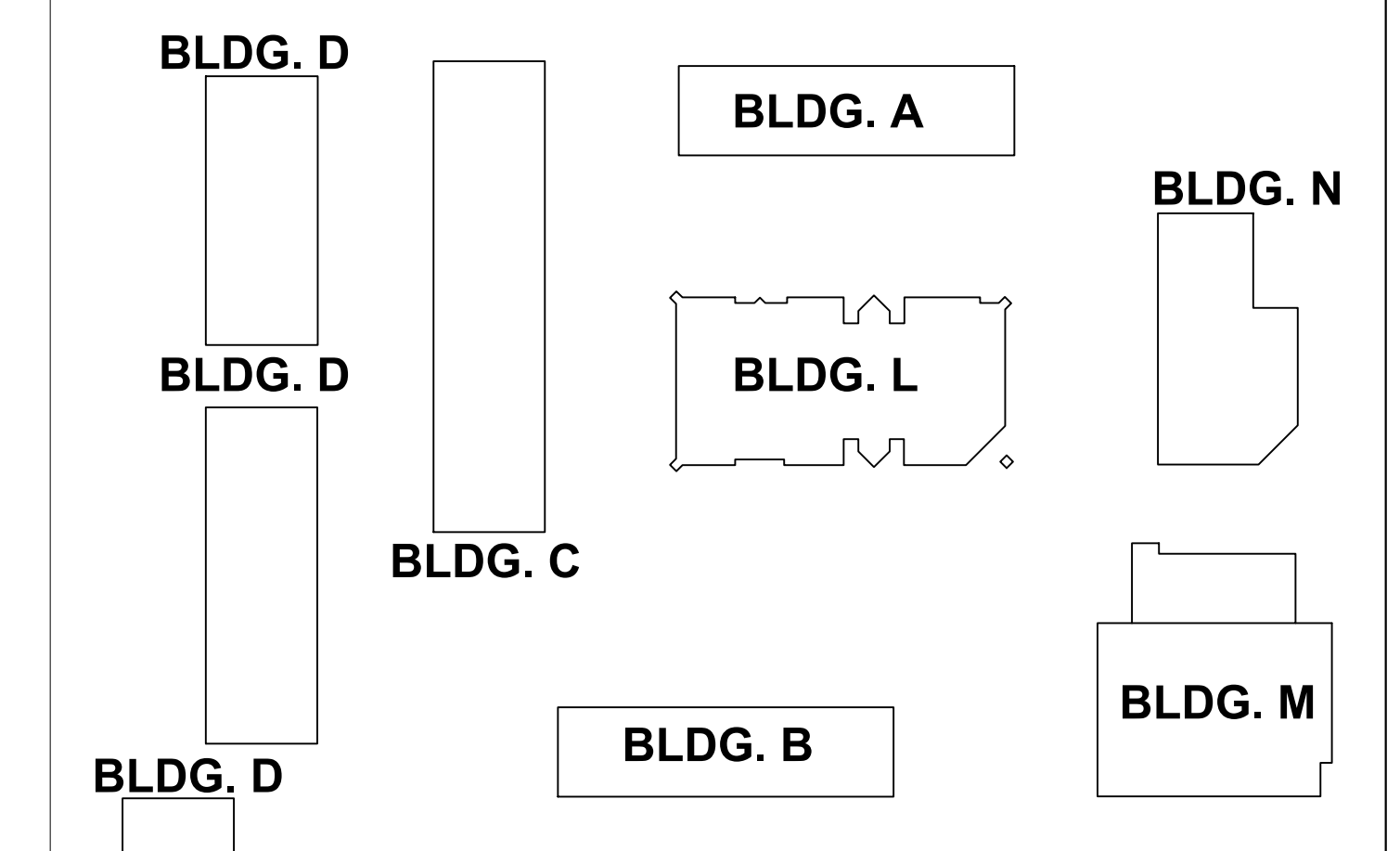


2 BUILDING N - PLUMBING DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

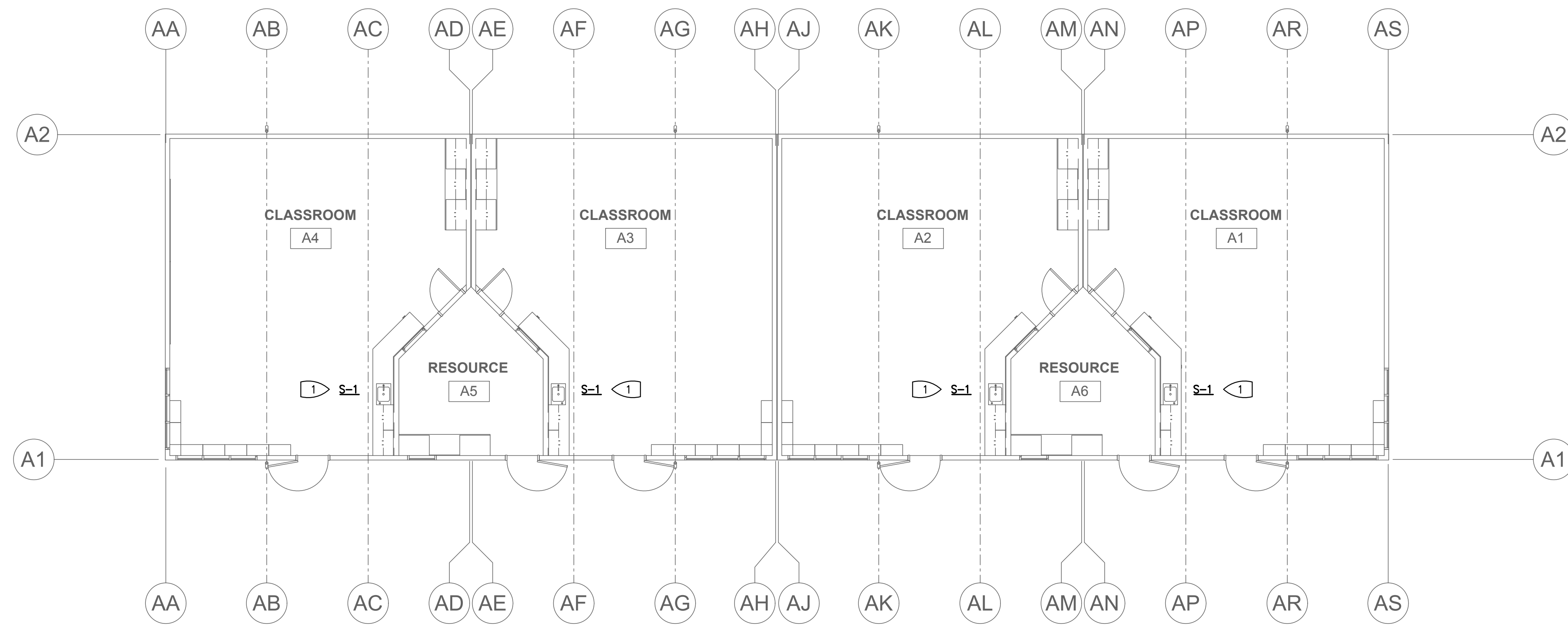


1 BUILDING M - PLUMBING DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

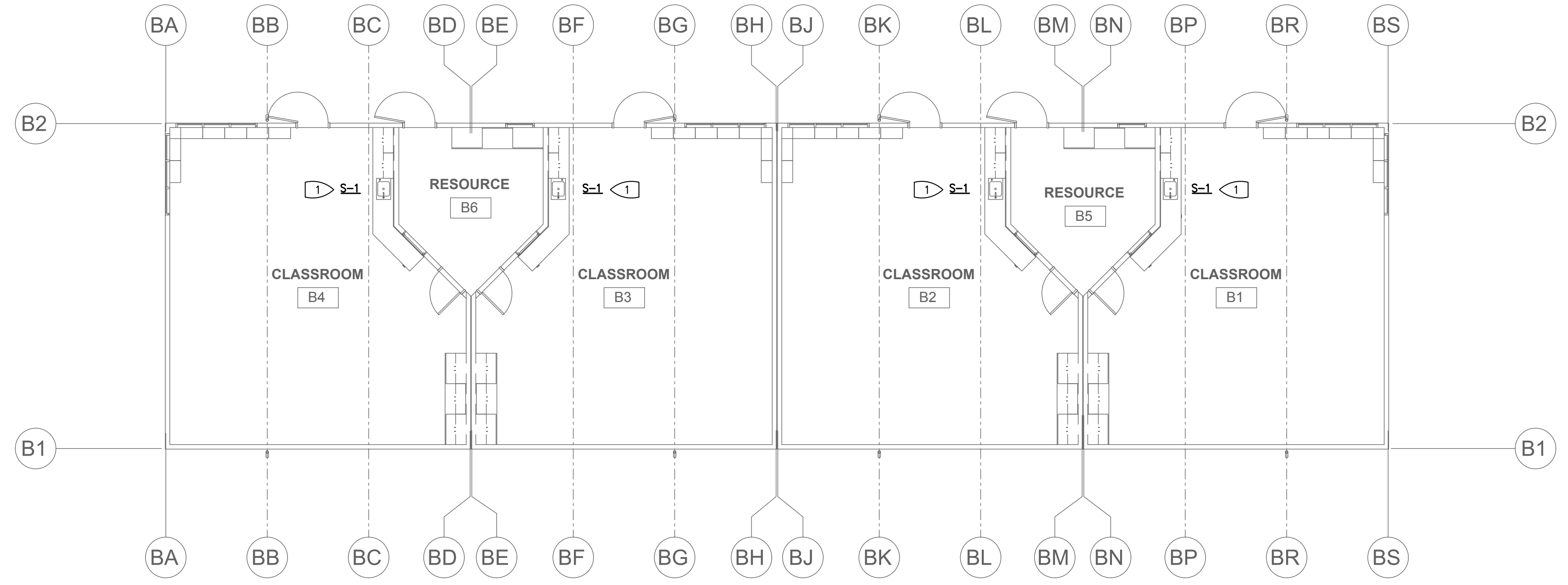
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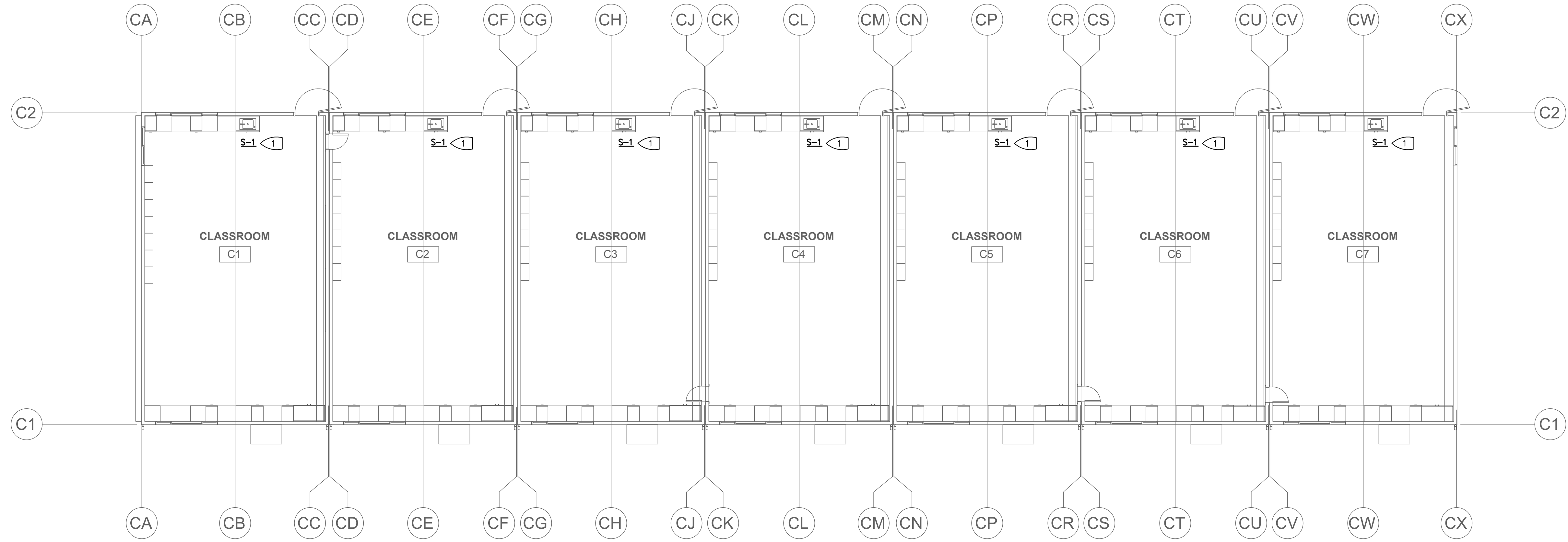
P2.41



1 BUILDING A - PLUMBING PLAN
SCALE: 1/8" = 1'-0"



2 BUILDING B - PLUMBING PLAN
SCALE: 1/8" = 1'-0"



3 BUILDING C - PLUMBING PLAN
SCALE: 1/8" = 1'-0"

SHEET NOTES:

- FOR PLUMBING FIXTURES SEE PLUMBING FIXTURE SCHEDULE SHEET BLDG.
- PROVIDE ALL FLEXIBLE CONNECTIONS, SUPPLIES AND STOPS AT FIXTURES.
- PROVIDE CLEANOUT AT SINKS, LAVATORIES AND URINALS PER 2016 CPC CODE.

KEYED NOTES:

- PROVIDE NEW PLUMBING FIXTURE S=1 AND CONNECT (N) 1-1/2" WASTE, 1-1/2" VENT AND 1/2" COLD WATER.

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M31176
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No. Description Date
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90% CD
DSA SUB

SHEET
BUILDINGS A, B & C FLOOR - PLUMBING

DATE 11/15/2018
JOB # 2018045
SHEET # **P3.21**

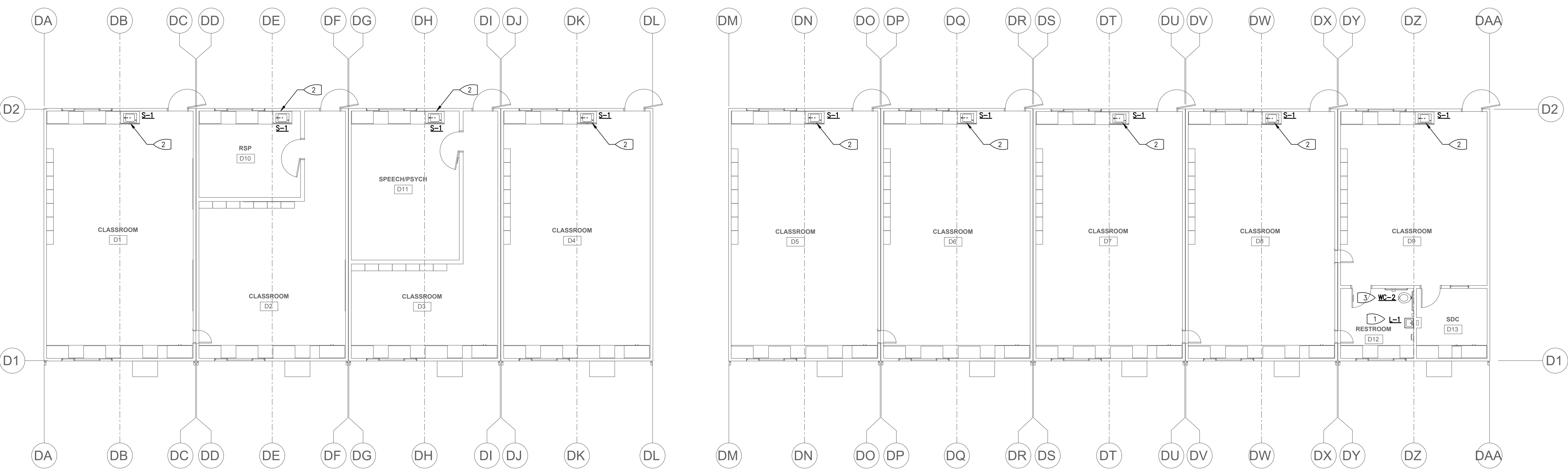
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BLDG. D, BLDG. A, BLDG. N, BLDG. L, BLDG. M, BLDG. C, BLDG. B, BLDG. D

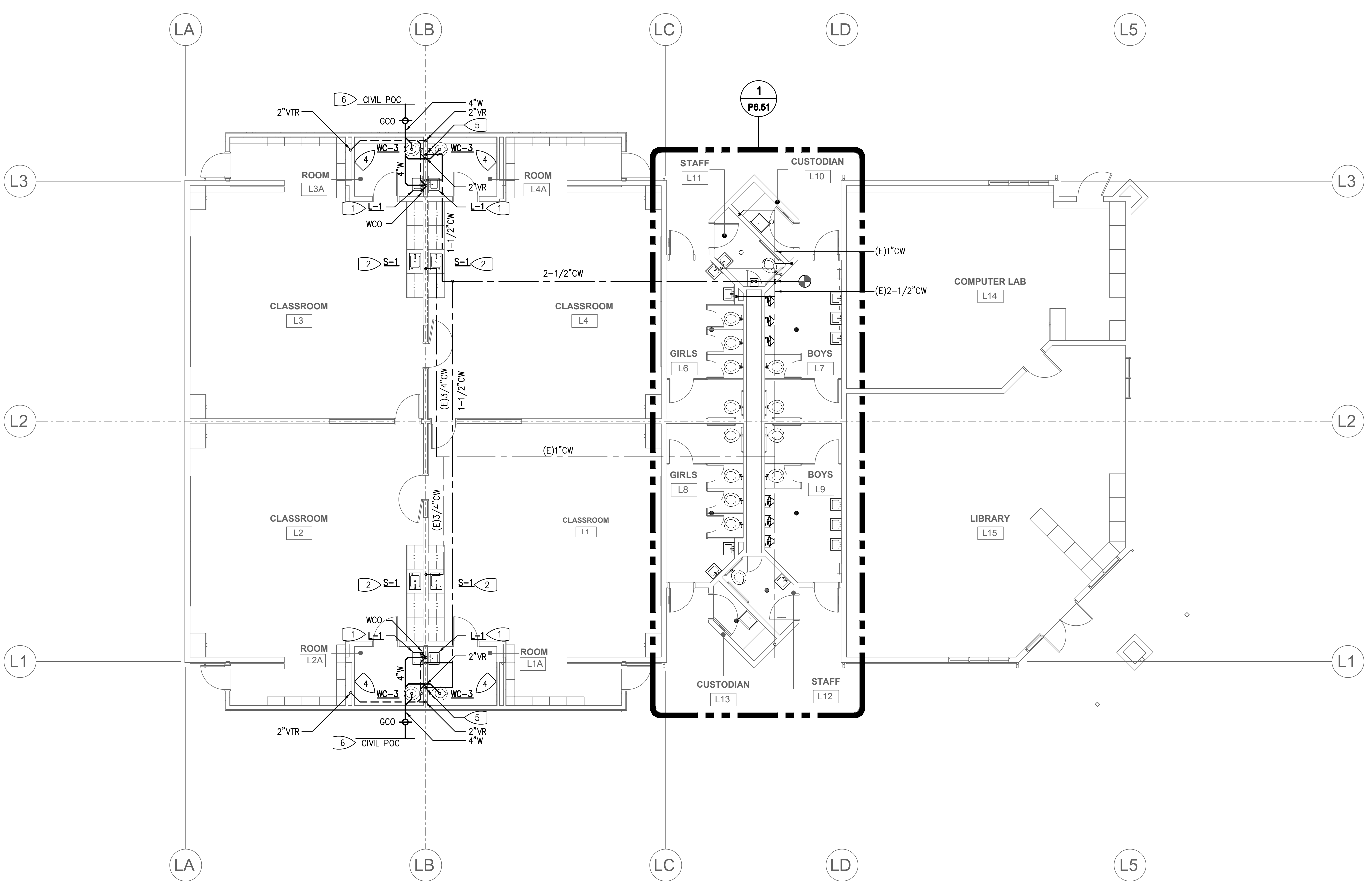
SHEET NOTES:
 1. FOR PLUMBING FIXTURES SEE PLUMBING FIXTURE SCHEDULE SHEET P0.01.
 2. PROVIDE ALL FLEXIBLE CONNECTIONS, SUPPLIES AND STOPS AT FIXTURES.
 3. PROVIDE CLEANOUT AT SINKS, LAVATORIES AND URINALS PER 2016 CPC CODE.

KEYED NOTES:

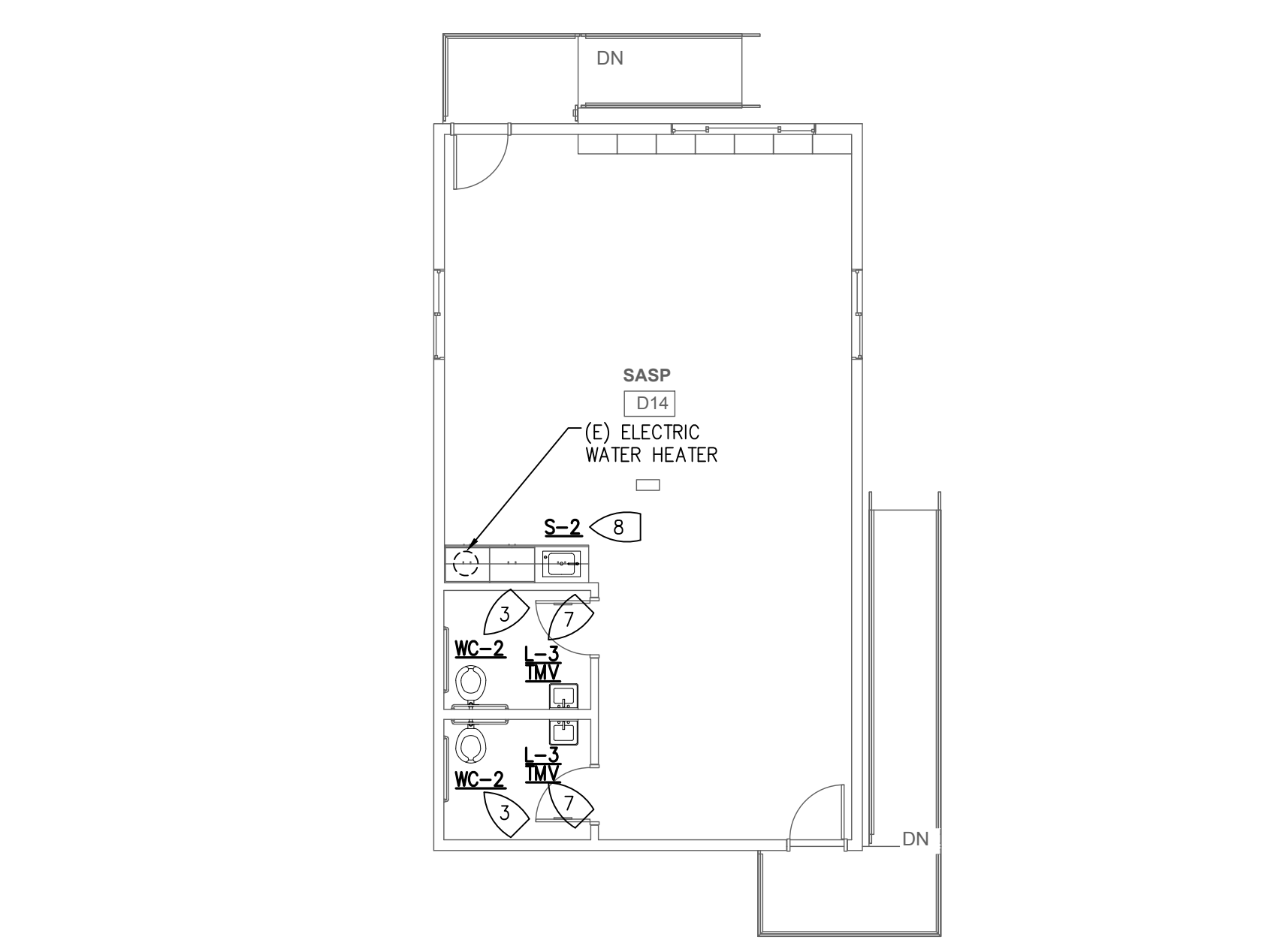
- 1 PROVIDE NEW PLUMBING FIXTURE L-1 AND CONNECT (N) 1-1/2" WASTE, 1-1/2" VENT AND 1/2" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE NEW COMMERCIAL WALL CARRIER. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
- 2 PROVIDE NEW PLUMBING FIXTURE S-1 AND CONNECT (N) 1-1/2" WASTE, 1-1/2" VENT AND 1/2" COLD WATER TO (E) PLUMBING UTILITIES.
- 3 PROVIDE NEW PLUMBING FIXTURE WC-2 AND CONNECT (N) 4" WASTE, 2" VENT AND 1-1/2" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE FLUSH VALVE HANDLE ON ACCESSIBLE SIDE.
- 4 PROVIDE NEW PLUMBING FIXTURE WC-3 AND CONNECT (N) 4" WASTE, 2" VENT AND 1-1/2" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE FLUSH VALVE HANDLE ON ACCESSIBLE SIDE.
- 5 PROVIDE WATER HAMMER ARRESTOR AT COLD WATER DROP INDICATED BY KEYNOTE.
- 6 INVERT ELEVATION FOR WASTE LINE SHALL BE 18" MINIMUM AND SHALL EXIT BUILDING BELOW THE EXTERIOR WALL FOOTING.
- 7 PROVIDE NEW PLUMBING FIXTURE L-2 AND CONNECT (N) 1-1/2" WASTE, 1-1/2" VENT AND 1/2" HOT AND COLD WATER TO (E) PLUMBING UTILITIES. RUN HOT AND COLD WATER THRU MIXING VALVE, TMV AND SET TEMP TO 110° F. PROVIDE NEW COMMERCIAL WALL CARRIER. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
- 8 PROVIDE NEW PLUMBING FIXTURE S-2 AND CONNECT (N) 1-1/2" WASTE, 1-1/2" VENT AND 1/2" HOT AND COLD WATER TO (E) PLUMBING UTILITIES. RUN HOT AND COLD WATER THRU MIXING VALVE, TMV AND SET TEMP TO 110° F.



1 BUILDING D - PLUMBING PLAN
 SCALE: 1/8" = 1'-0"

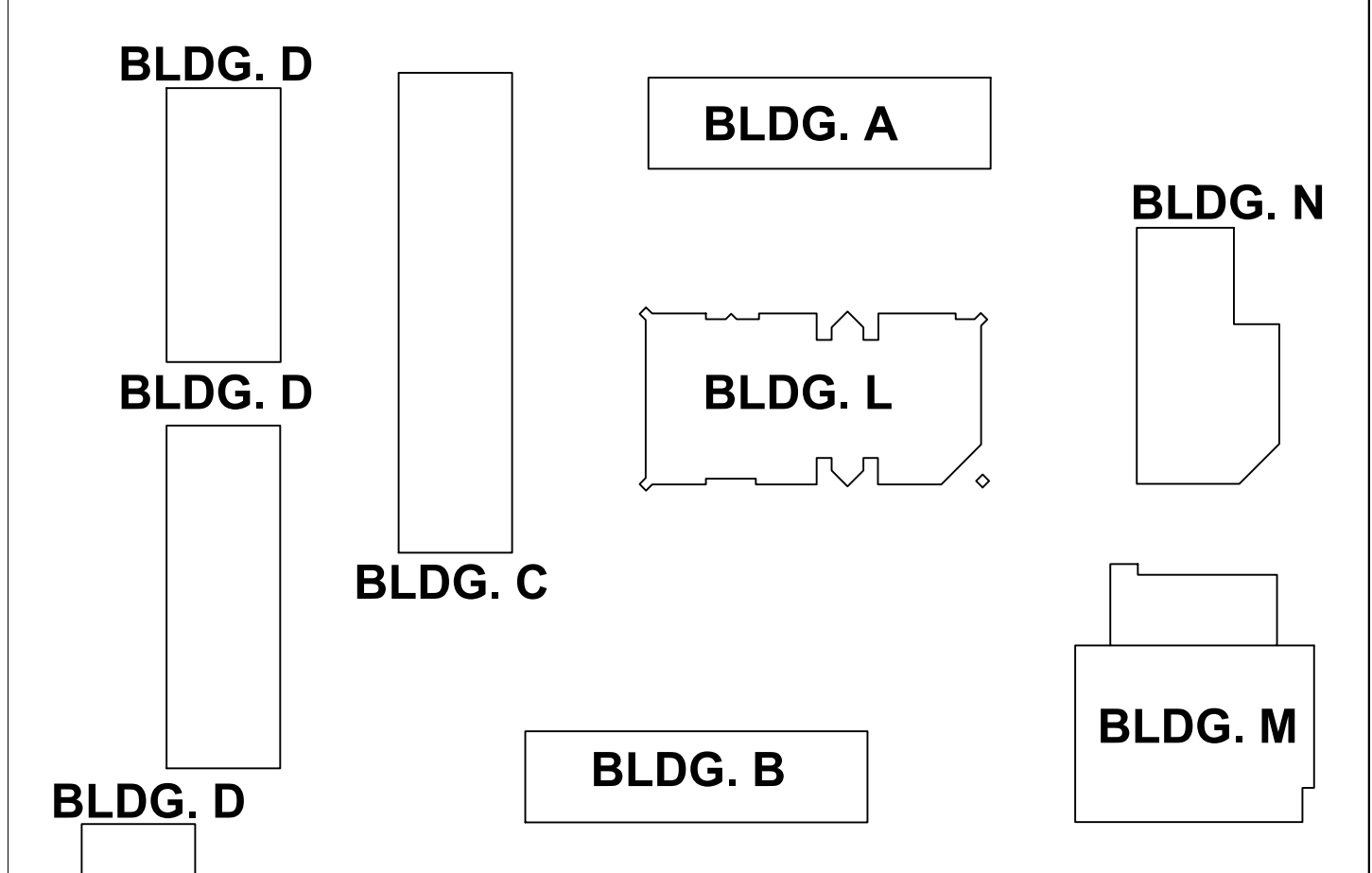


3 BUILDING L - PLUMBING PLAN
 SCALE: 1/8" = 1'-0"



2 BUILDING D - PLUMBING PLAN
 SCALE: 1/8" = 1'-0"

BUILDING KEY



SHEET NOTES:

- FOR PLUMBING FIXTURES SEE PLUMBING FIXTURE SCHEDULE SHEET P0.01.
- PROVIDE ALL FLEXIBLE CONNECTIONS, SUPPLIES AND STOPS AT FIXTURES.
- PROVIDE CLEANOUT AT SINKS, LAVATORIES AND URINALS PER 2016 CPC CODE.

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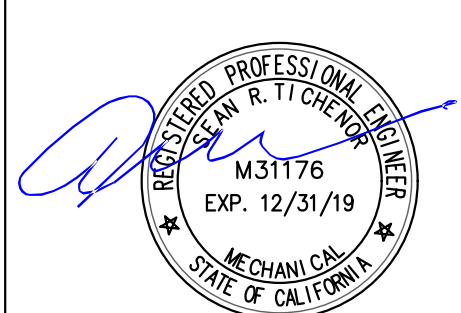


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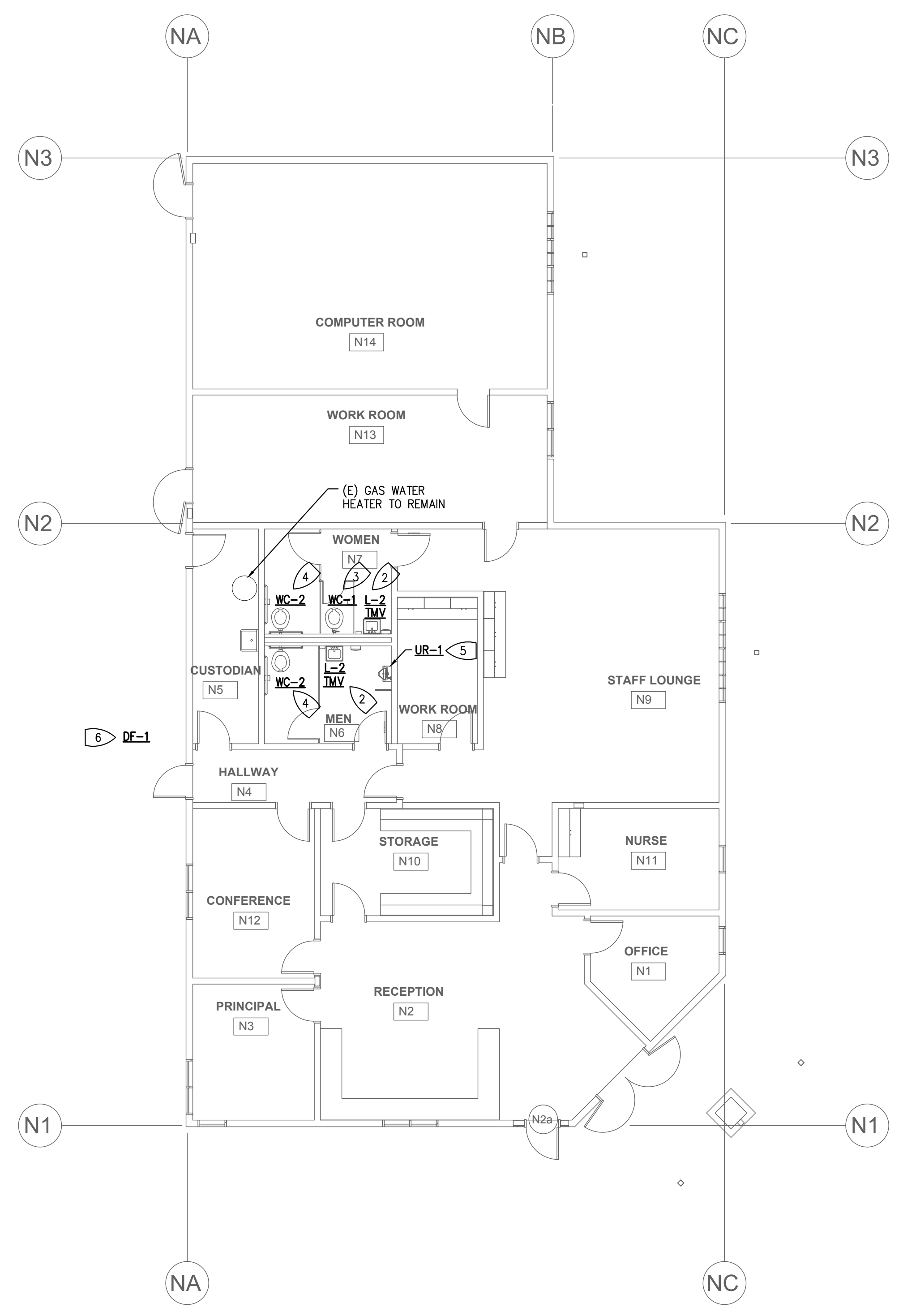
**BUILDING M & N
 FLOOR -
 PLUMBING**

DATE 11/15/2018
 JOB # 2018045
 SHEET #

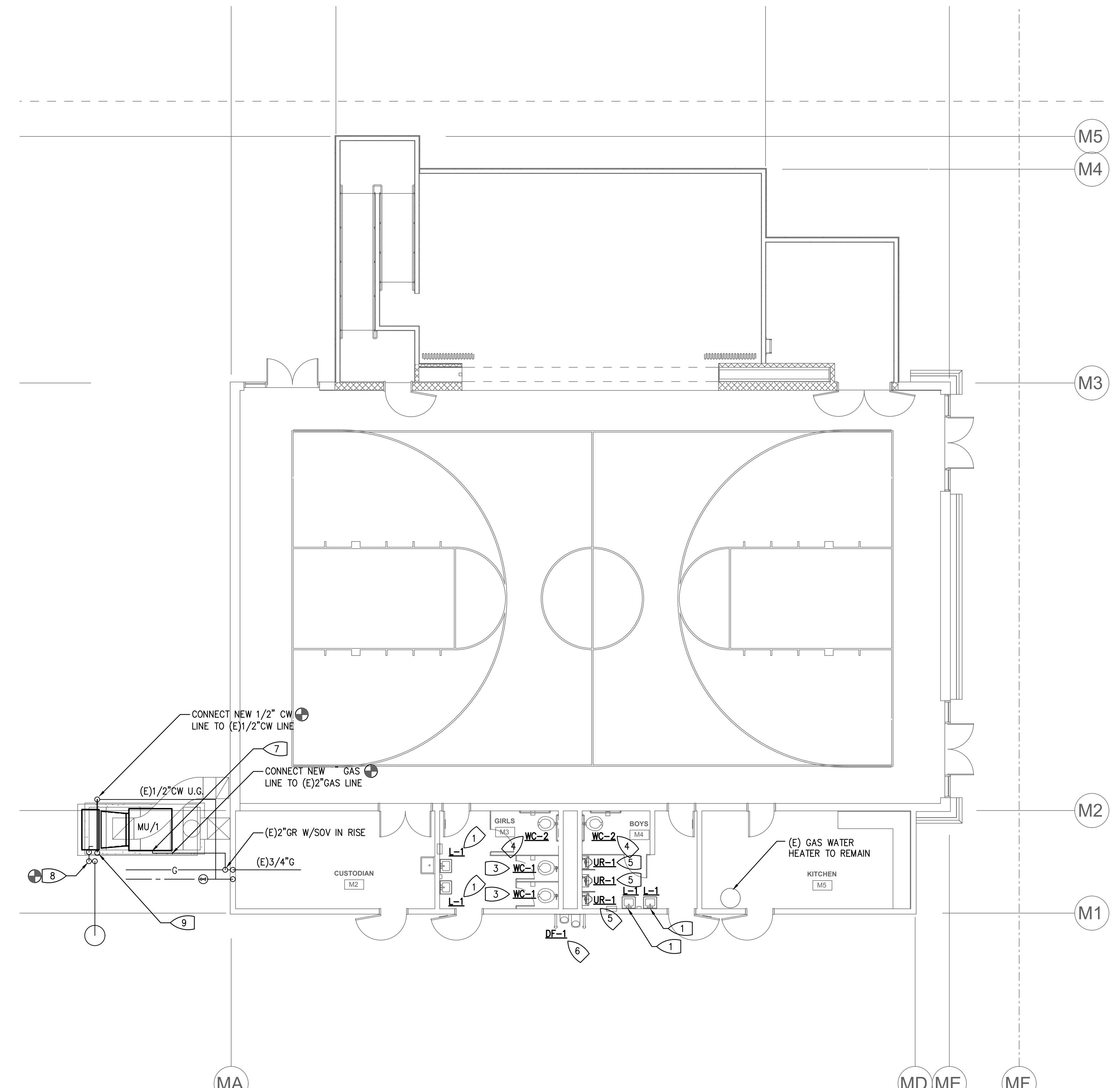
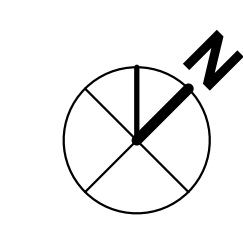
P3.41

KEYED NOTES:

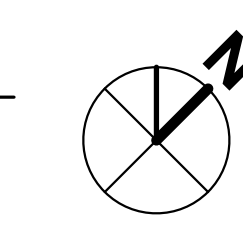
- PROVIDE NEW PLUMBING FIXTURE **L-1** AND CONNECT (N) 1-1/2" WASTE, 1-1/2" VENT AND 1/2" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE NEW COMMERCIAL WALL CARRIER. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
- PROVIDE NEW PLUMBING FIXTURE **L-2** AND CONNECT (N) 1-1/2" WASTE, 1-1/2" VENT AND 1/2" HOT AND COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE NEW COMMERCIAL WALL CARRIER. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT. SET **TMV** TO 120° F TEMPERATURE MAX.
- PROVIDE NEW PLUMBING FIXTURE **WC-1** AND CONNECT (N) 4" WASTE, 2" VENT AND 1-1/2" COLD WATER TO (E) PLUMBING UTILITIES.
- PROVIDE NEW PLUMBING FIXTURE **WC-2** AND CONNECT (N) 4" WASTE, 2" VENT AND 1-1/2" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE FLUSH VALVE HANDLE ON ACCESSIBLE SIDE.
- PROVIDE NEW PLUMBING FIXTURE **UR-1** AND CONNECT (N) 2" WASTE, 1-1/2" VENT AND 1" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE NEW COMMERCIAL WALL CARRIER. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT. EXTEND WASTE AND WATER PIPING AS NECESSARY TO MEET NEW HEIGHT REQUIREMENTS.
- PROVIDE NEW PLUMBING FIXTURE **DE-1** AND CONNECT (N) 2" WASTE, 1-1/2" VENT AND 1/2" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE NEW MOUNTING PLATE. EXTEND WASTE AND WATER PIPING AS NECESSARY TO MEET NEW HEIGHT REQUIREMENTS.
- PROVIDE NEW 1" GAS LINE TO NEW MAKE UP AIR UNIT WITH SHUT OFF COCK, UNION, 6" DIRT LEG AND FLEXIBLE CONNECTION. TRANSITION TO 2" GAS LINE AND EXTEND 2" PIPING AS NECESSARY TO MAKE NEW CONNECTION TO (E) 2" LINE.
- PROVIDE 1" DRAIN LINE AND OVERFLOW CONNECTION WITH P-TRAP AND CONNECT TO (E) DRAIN LINE BELOW GRADE.
- PROVIDE NEW 1/4" COLD WATER TUBING CONNECTION TO NEW MAKE UP AIR UNIT. EXTEND 1/2" COLD WATER LINE BELOW UNIT MOUNTED TO UNISTRUT ON CONCRETE AND MAKE NEW CONNECTION AT APPROXIMATE POINT INDICATED BY KEYNOTE.



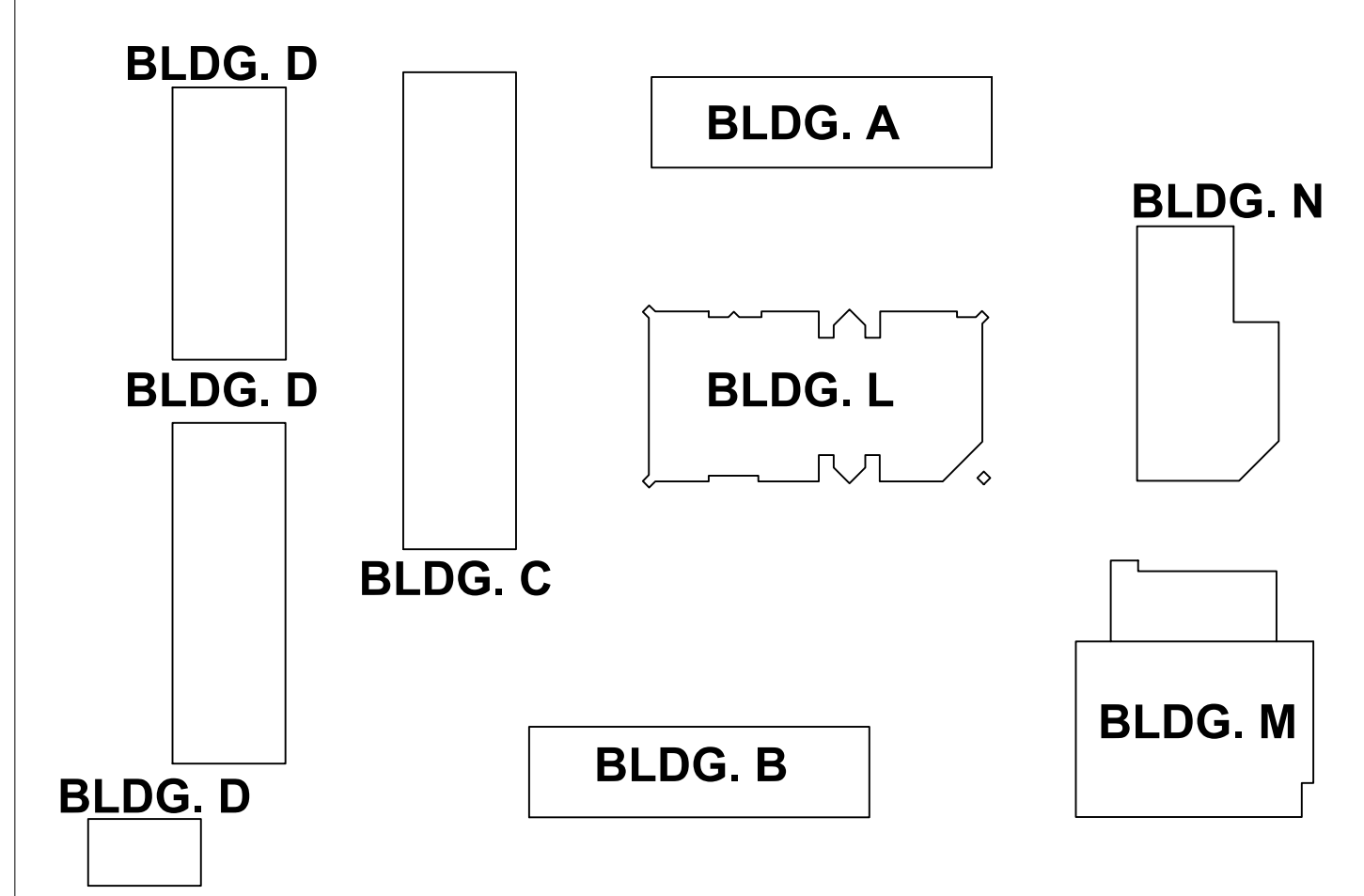
2 BUILDING N - PLUMBING PLAN
 SCALE: 1/8" = 1'-0"

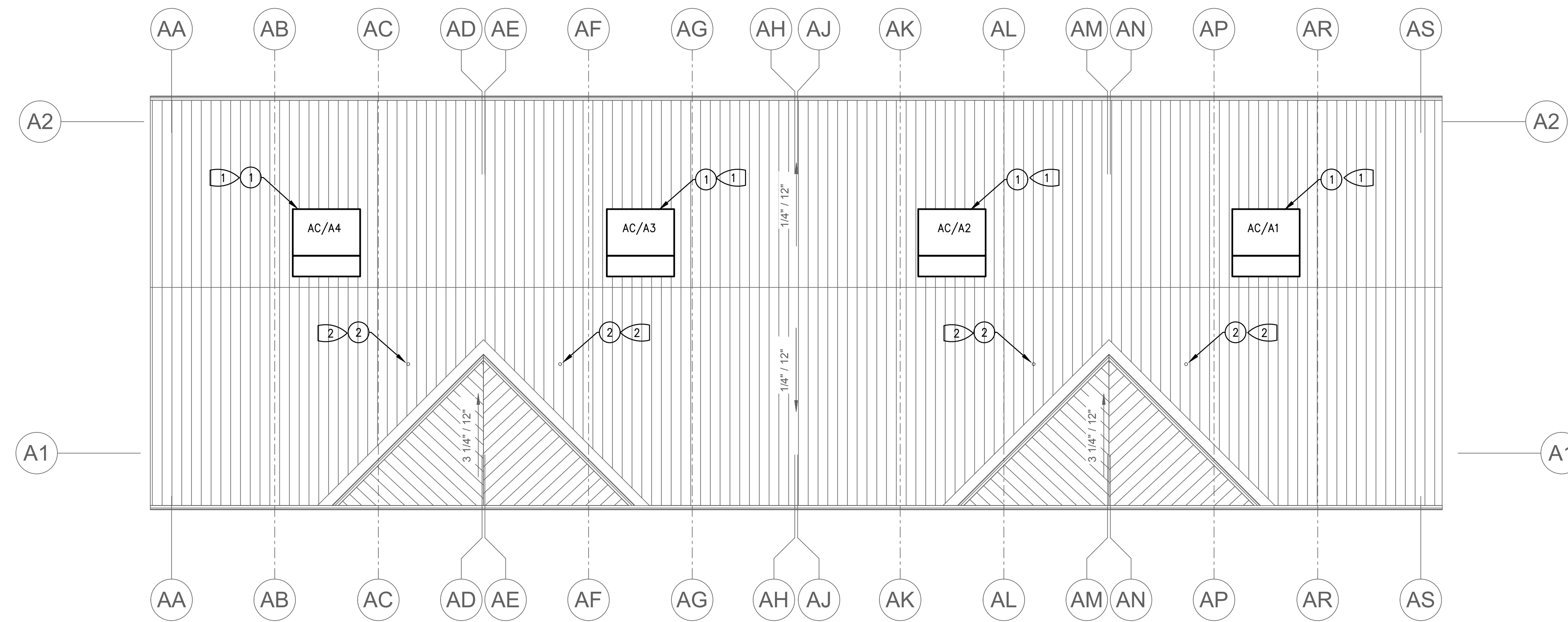


1 BUILDING M - PLUMBING PLAN
 SCALE: 1/8" = 1'-0"

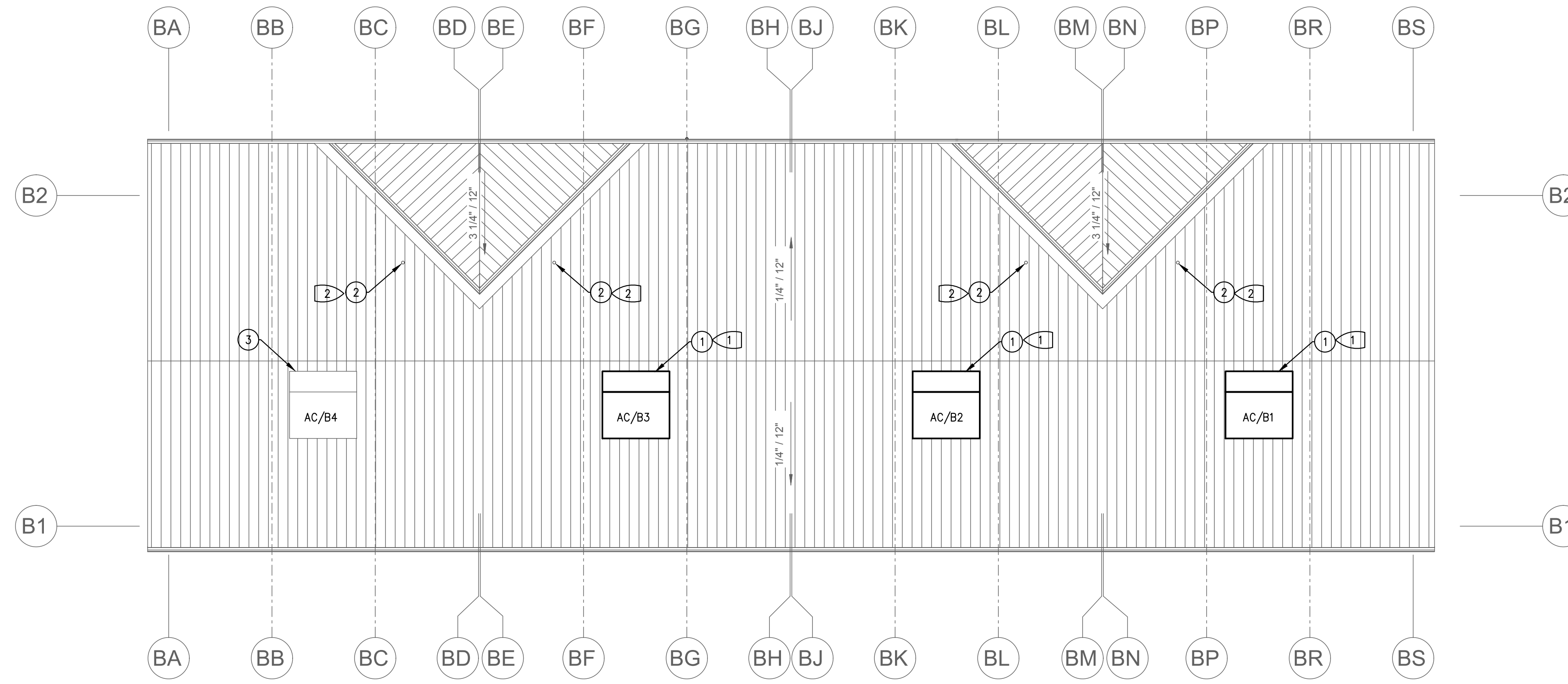


BUILDING KEY

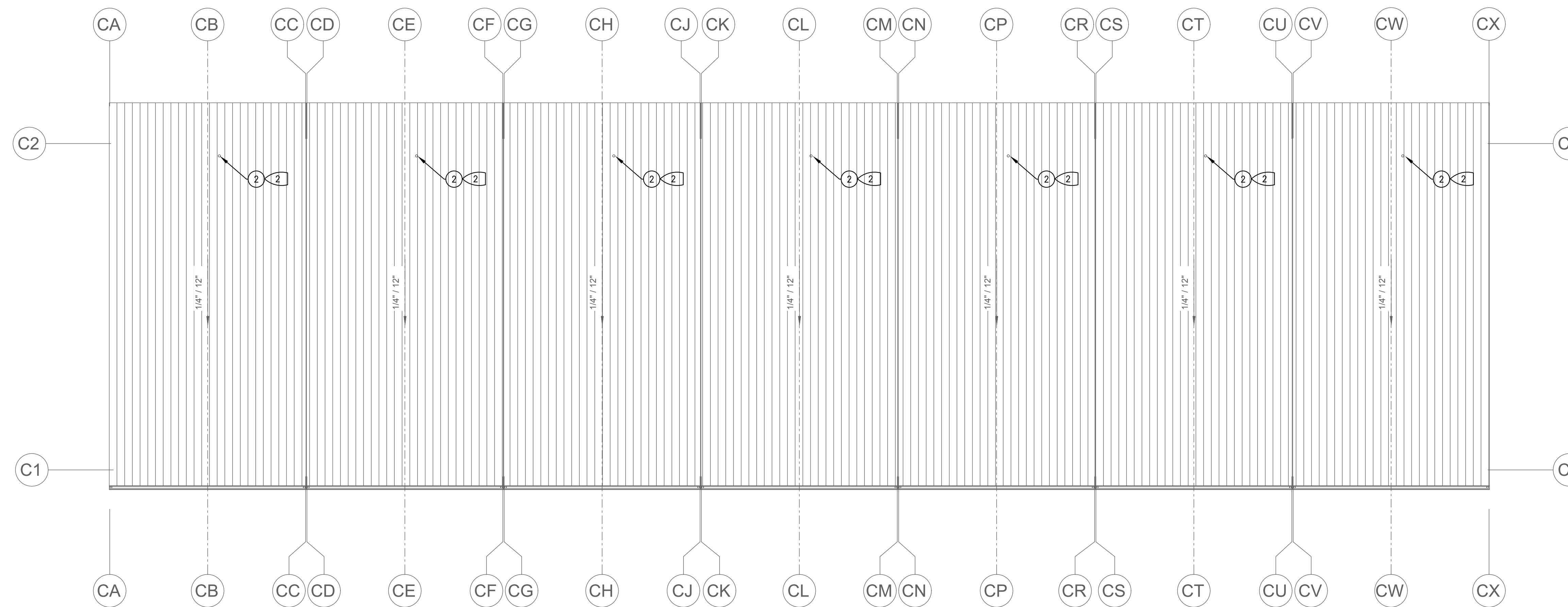




1 BUILDING A - PLUMBING ROOF PLAN
SCALE: 1/8" = 1'-0"



2 BUILDING B - PLUMBING ROOF PLAN
SCALE: 1/8" = 1'-0"



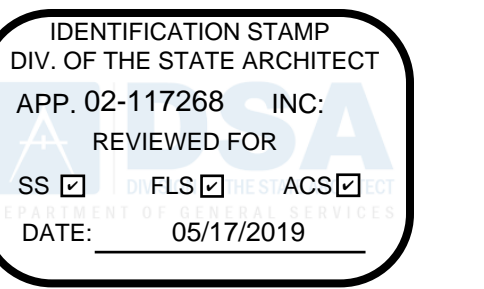
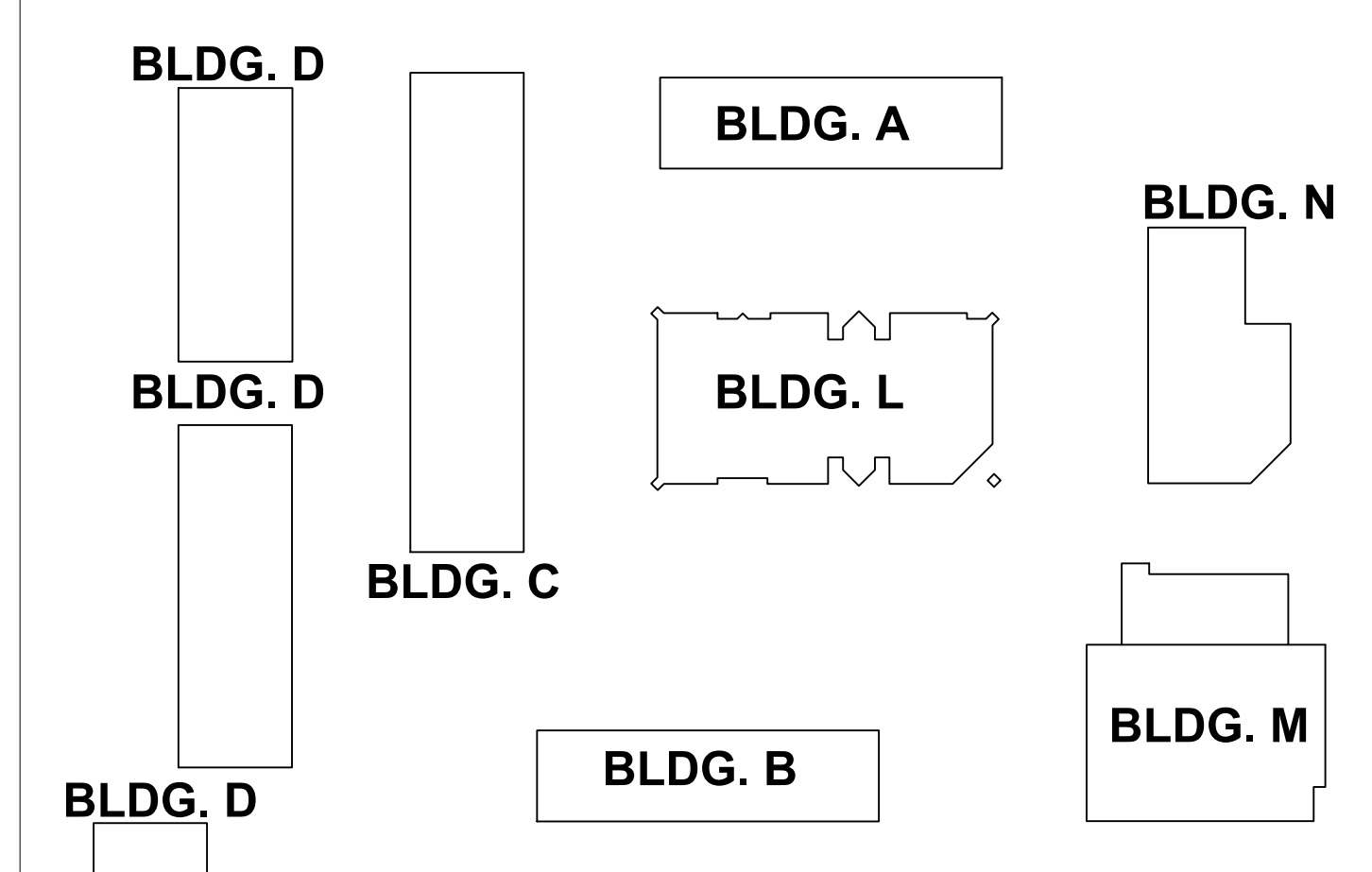
3 BUILDING C - PLUMBING ROOF PLAN
SCALE: 1/8" = 1'-0"

SHEET NOTES:
1. CONTRACTOR SHALL FIELD VERIFY (E) CONDITIONS. APPROXIMATE LOCATIONS BASED ON SITE VISITS AND AS-BUILTS. PLANS MAY NOT REFLECT ACTUAL CONDITIONS.
2. MAINTAIN AND SUPPORT (E) PLUMBING UTILITIES ON ROOF DURING RE-ROOFING.

KEYED DEMOLITION NOTES:
① MECHANICAL UNIT BEING REPLACED. DISCONNECT (E) CONDENSATE DRAIN, GAS SHUT OFF VALVE, AND DIRT LEG TO UNIT AND PREPARE FOR RECONNECTION.
② BUILDING RECEIVING NEW ROOF. PREPARE VENT THRU ROOF PENETRATIONS FOR NEW FLASHING.
③ (E) MECHANICAL UNIT TO REMAIN. REFER TO NOTE 2 OF THE SHEET NOTES FOR RE-ROOFING.

KEYED NOTES:
① PROVIDE NEW 1/2" GAS LINE WITH SHUT OFF COCK, UNION, 6" DIRT LEG AND FLEXIBLE CONNECTION TO NEW MECHANICAL UNIT AND RECONNECT TO (E). PROVIDE NEW CONDENSATE 3/4" CONNECTION WITH P-TRAP AND RECONNECT TO (E).
② PROVIDE NEW FLASHING TO (E) VENT THRU ROOF.

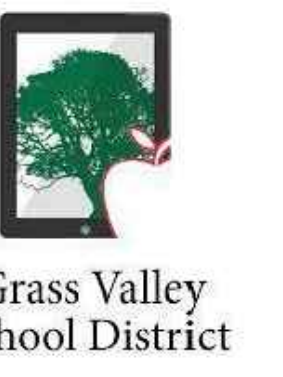
BUILDING KEY



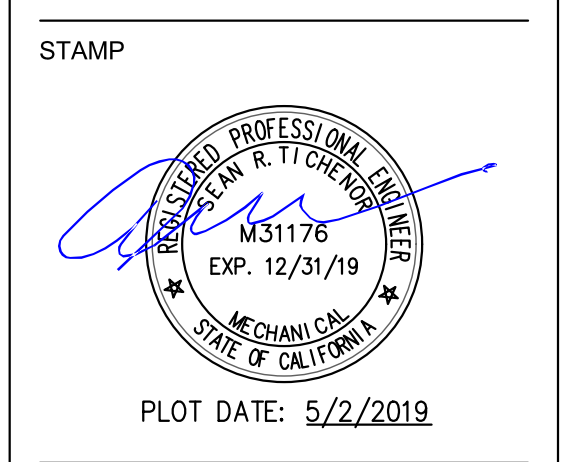
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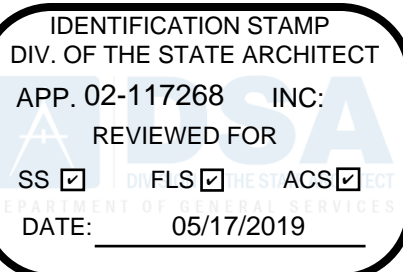
REVISIONS

No.	Description	Date
△		

- MILESTONES
- SD
 - DD
 - 50% CD
 - 90% CD
 - DSA SUB

SHEET
BUILDINGS A, B & C ROOF - PLUMBING

DATE 11/15/2018
JOB # 2018045
SHEET # **P5.21**



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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019

Grass Valley School District

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PETERS consulting mechanical and electrical engineers
2411 Alhambra Blvd, Ste. 100
Sacramento, CA 95817
Tel (916) 447-2841
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Job no. 18.098

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 EXP. 12/31/19
PLOT DATE: 5/2/2019

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REVISIONS
No. Description Date
△

MILESTONES
SD
DD
50% CD
90% CD
DSA SUB

SHEET
BUILDINGS D & L ROOF - PLUMBING

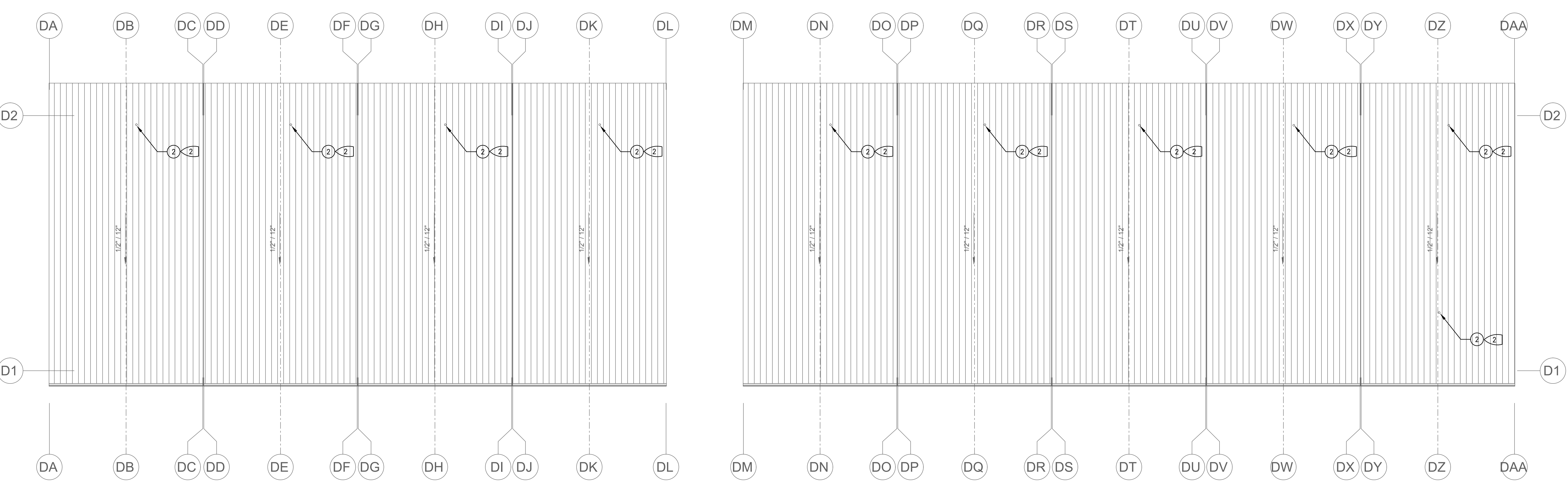
DATE 11/15/2018
JOB # 2018045
SHEET #

P5.31

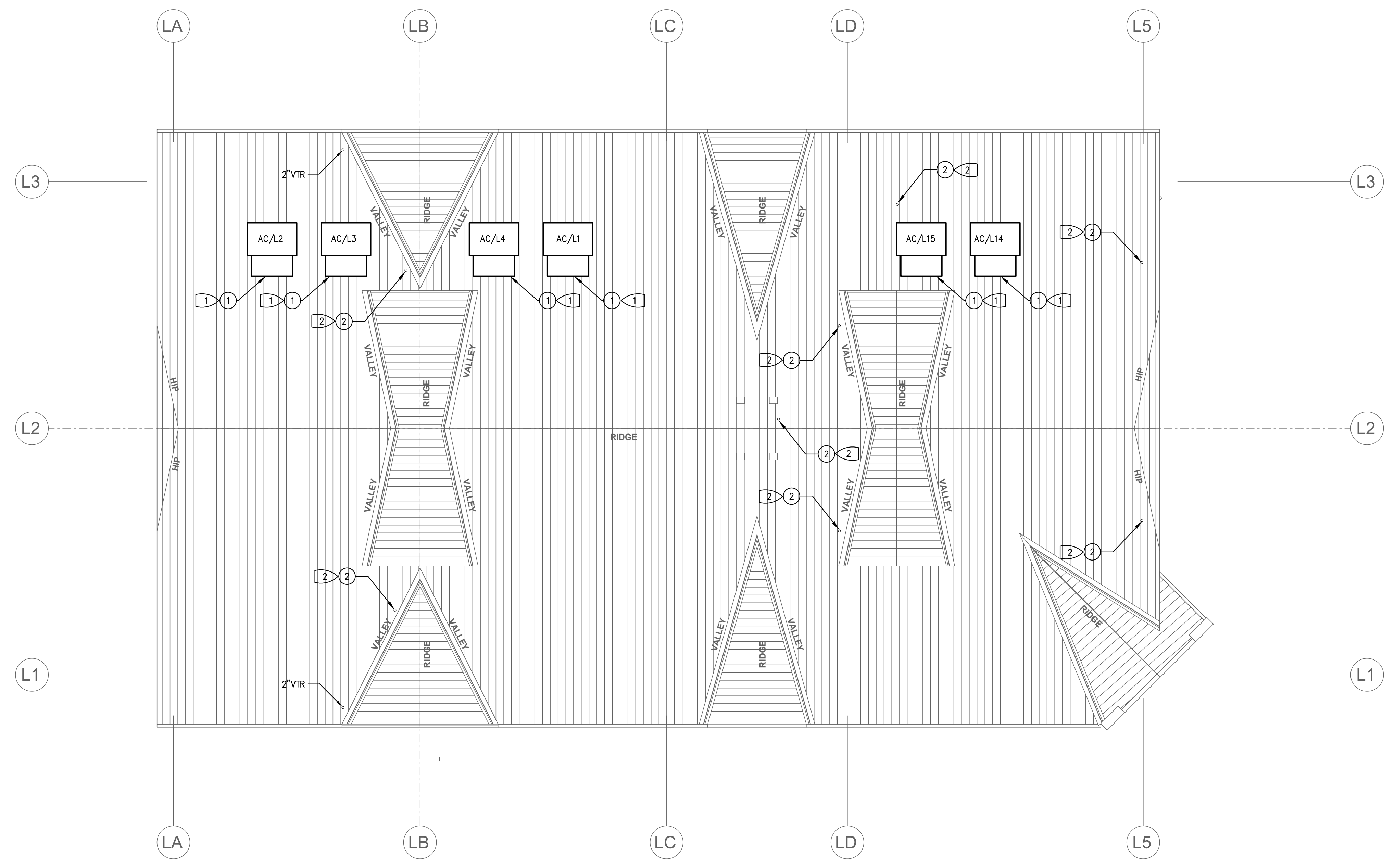
SHEET NOTES:
1. CONTRACTOR SHALL FIELD VERIFY (E) CONDITIONS. APPROXIMATE LOCATIONS BASED ON SITE VISITS AND AS-BUILTS. PLANS MAY NOT REFLECT ACTUAL CONDITIONS.
2. MAINTAIN AND SUPPORT (E) PLUMBING UTILITIES ON ROOF DURING RE-ROOFING.

KEYED DEMOLITION NOTES:
① MECHANICAL UNIT BEING REPLACED. DISCONNECT (E) CONDENSATE DRAIN, GAS SHUT OFF VALVE, AND DIRT LEG TO UNIT AND PREPARE FOR RECONNECTION.
② BUILDING RECEIVING NEW ROOF. PREPARE VENT THRU ROOF PENETRATIONS FOR NEW FLASHING.

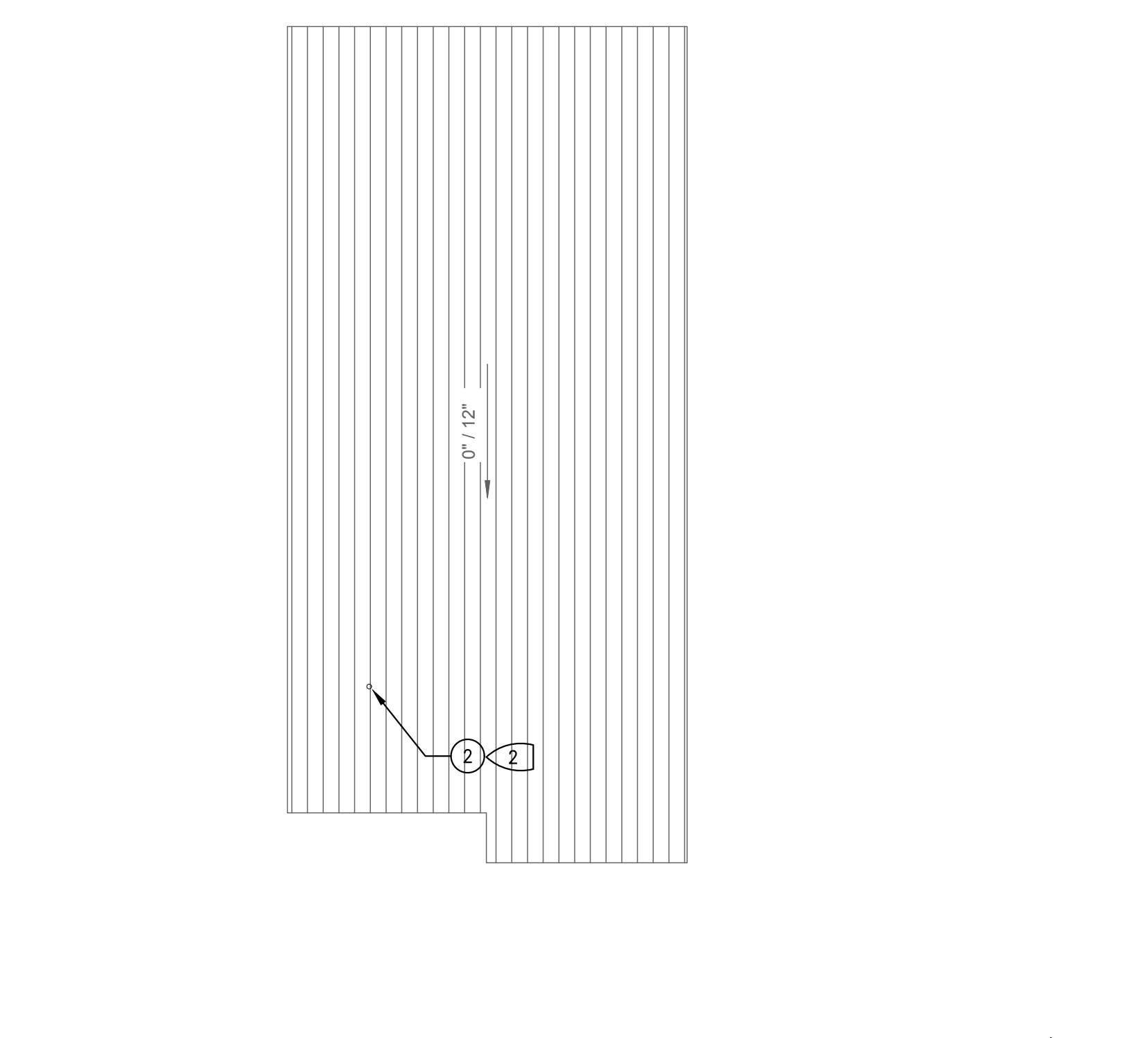
KEYED NOTES:
① PROVIDE NEW 1/2" GAS LINE WITH GAS SHUT OFF COCK, UNION, 6" DIRT LEG AND FLEXIBLE CONNECTION TO NEW MECHANICAL UNIT AND RECONNECT TO (E). PROVIDE NEW 3/4" CONDENSATE CONNECTION WITH P-TRAP AND RECONNECT TO (E).
② PROVIDE NEW FLASHING TO (E) VENT THRU ROOF.



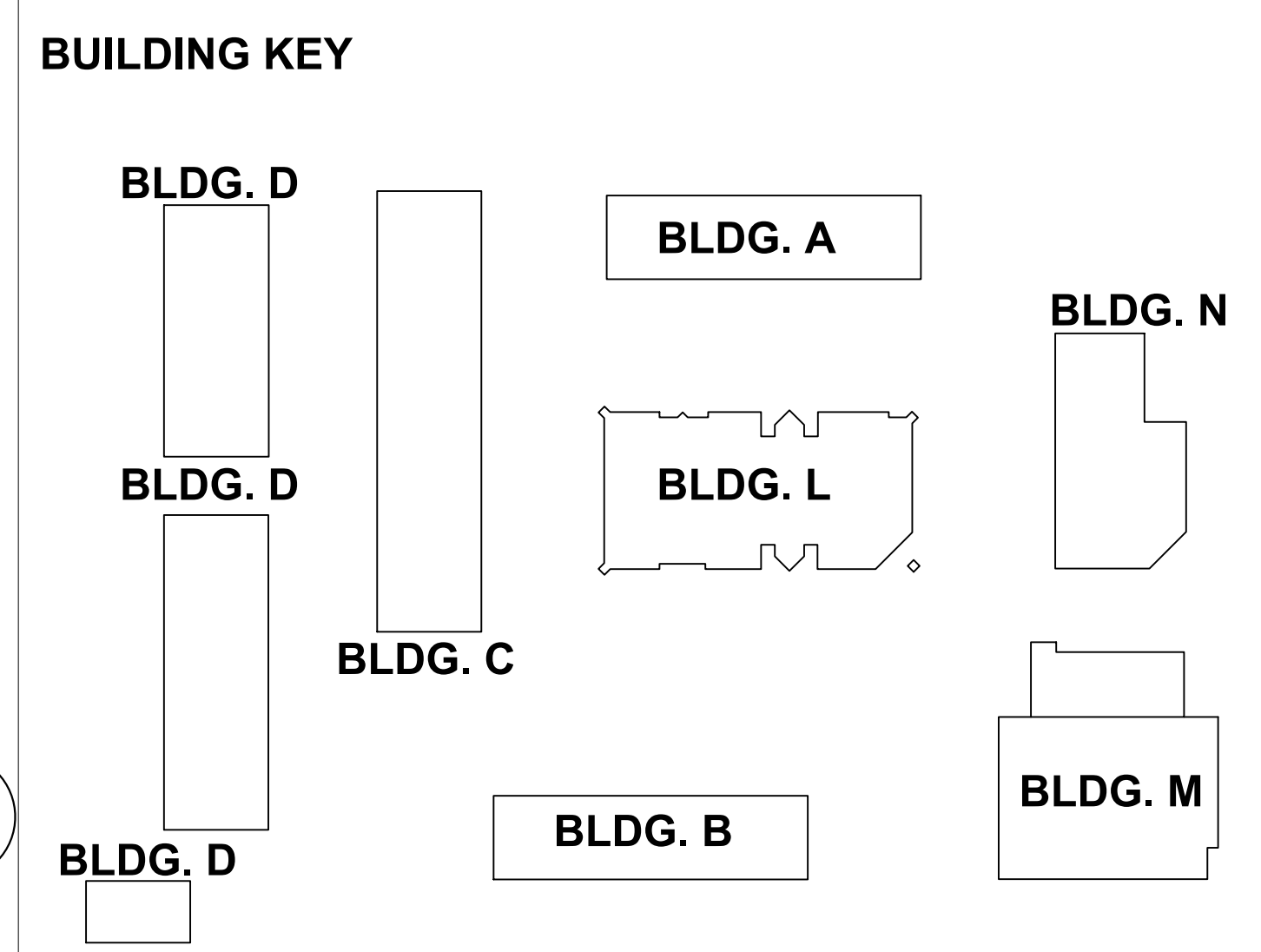
1 BUILDING D - PLUMBING ROOF PLAN
SCALE: 1/8" = 1'-0"

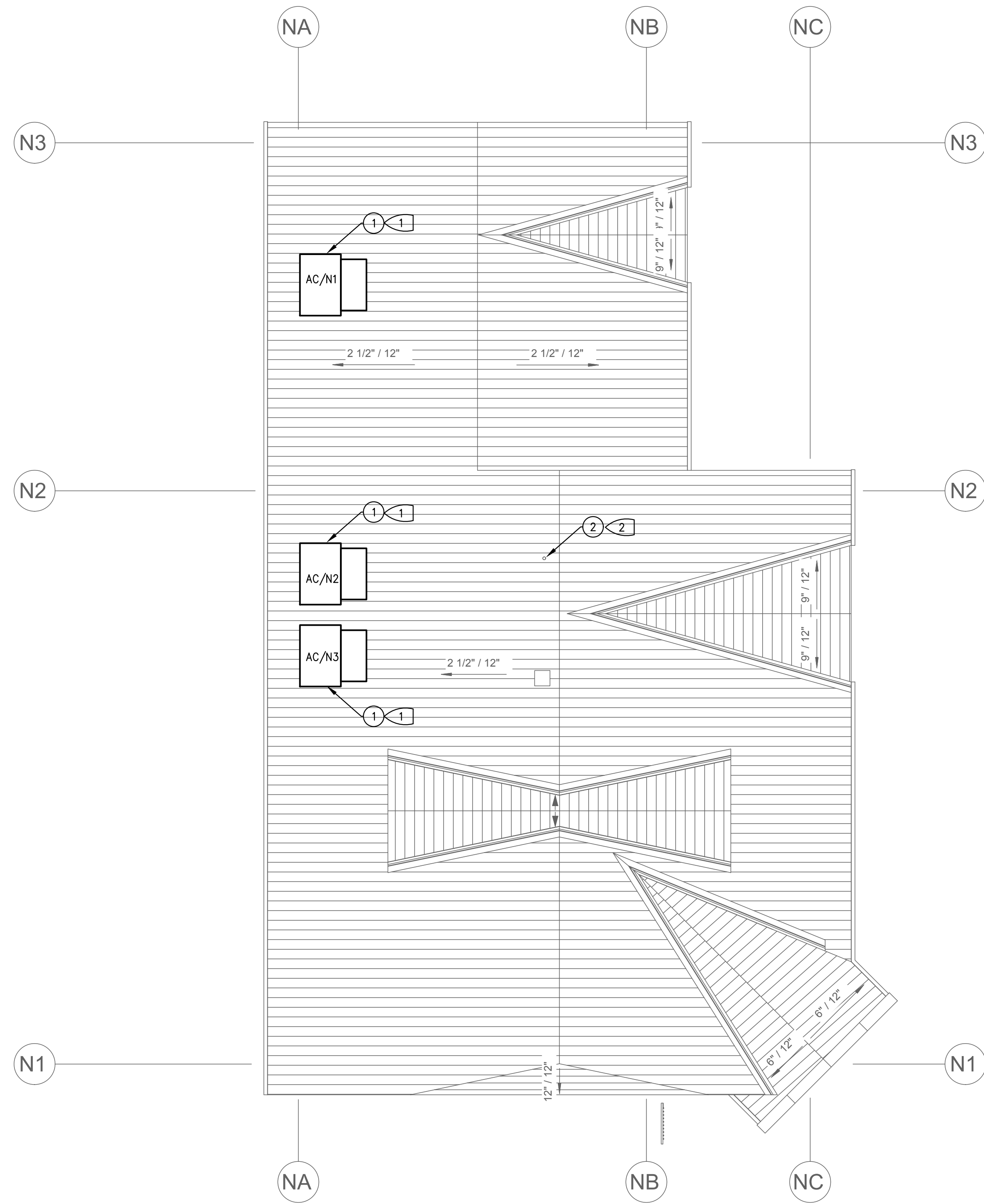


3 BUILDING L - PLUMBING ROOF PLAN
SCALE: 1/8" = 1'-0"

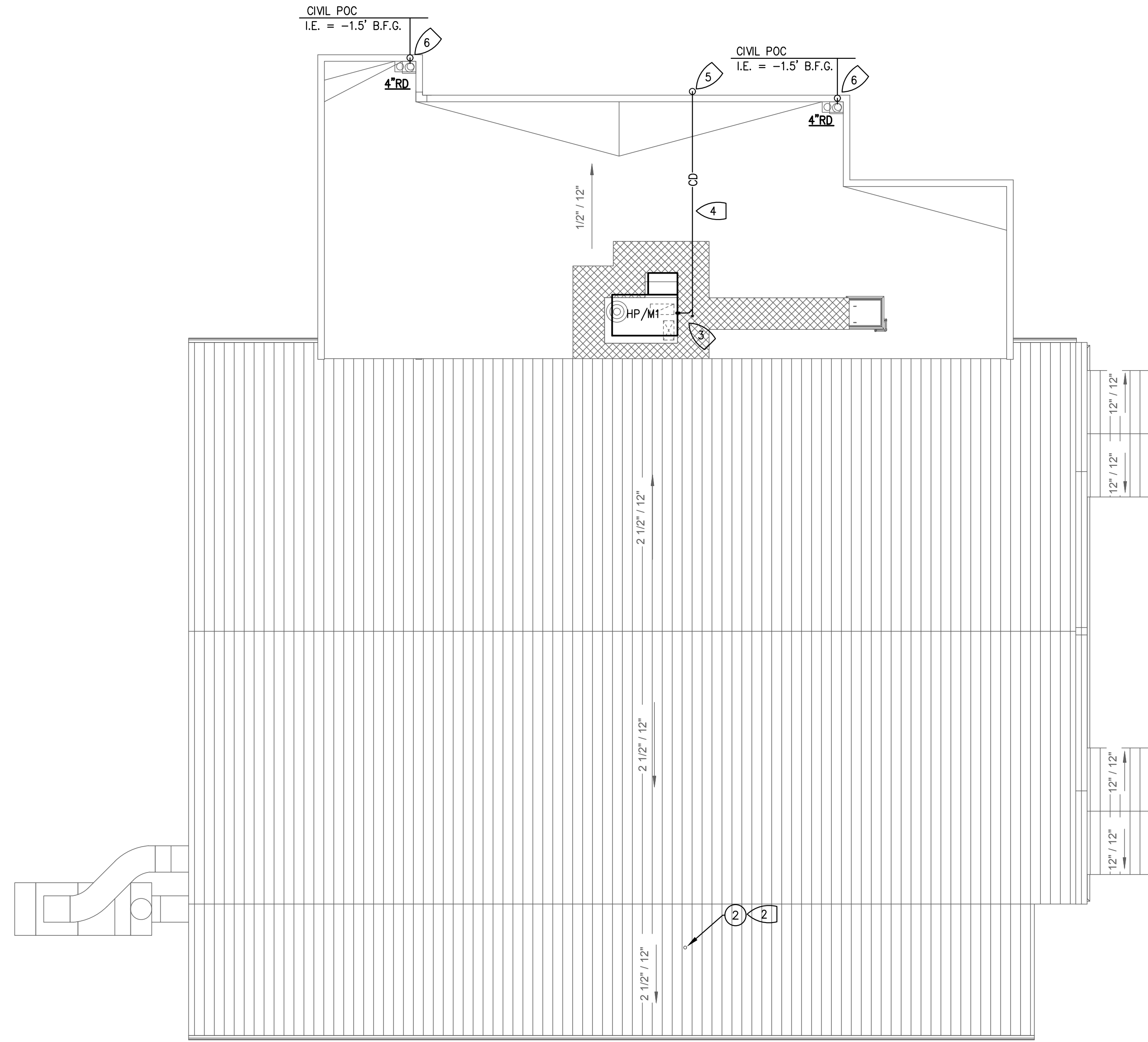
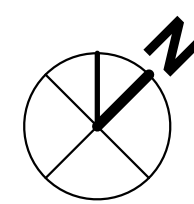


2 BUILDING D - PLUMBING ROOF PLAN
SCALE: 1/8" = 1'-0"

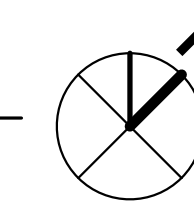




1 BUILDING N - PLUMBING ROOF PLAN
SCALE: 1/8" = 1'-0"



1 BUILDING M - PLUMBING ROOF PLAN
SCALE: 1/8" = 1'-0"



SHEET NOTES:

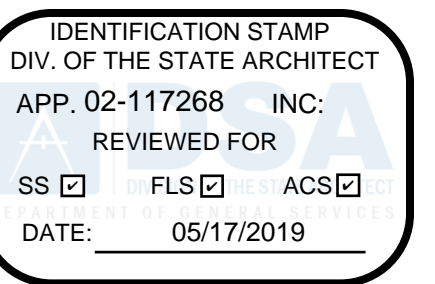
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KEYED NOTES:

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- PROVIDE NEW FLASHING TO (E) VENT THRU ROOF.
- NEW HEAT PUMP. CONNECT 3/4" CONDENSATE DRAIN LINE WITH P-TRAP. PROVIDE CLEANOUT AT EACH CHANGE OF DIRECTION.
- PROVIDE CONDENSATE PIPE SUPPORT ON ROOF. SEE DETAIL 3/PZ.01.
- DROP 3/4" CONDENSATE DOWN EXTERIOR OF BUILDING TO 6" A.F.G. AND SPILL TO LANDSCAPE.
- DROP 4" RAINWATER LEADER DOWN EXTERIOR WALL TO BELOW GRADE. BASED ON 3" RAINFALL RATE AND 1,000 SQ FT AREA.



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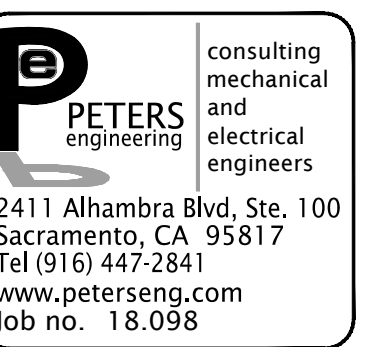
PROJECT

**MARGARET
SCOTTEN ES
MODERNIZATION
2019**

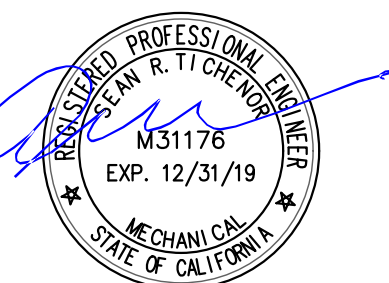


Grass Valley
School District

CONSULTANT



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PLOT DATE: 5/2/2019

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REVISIONS

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MILESTONES

- SD
- DD
- 50% CD
- 90% CD
- DSA SUB

SHEET

**BUILDING M & N
ROOF - PLUMBING**

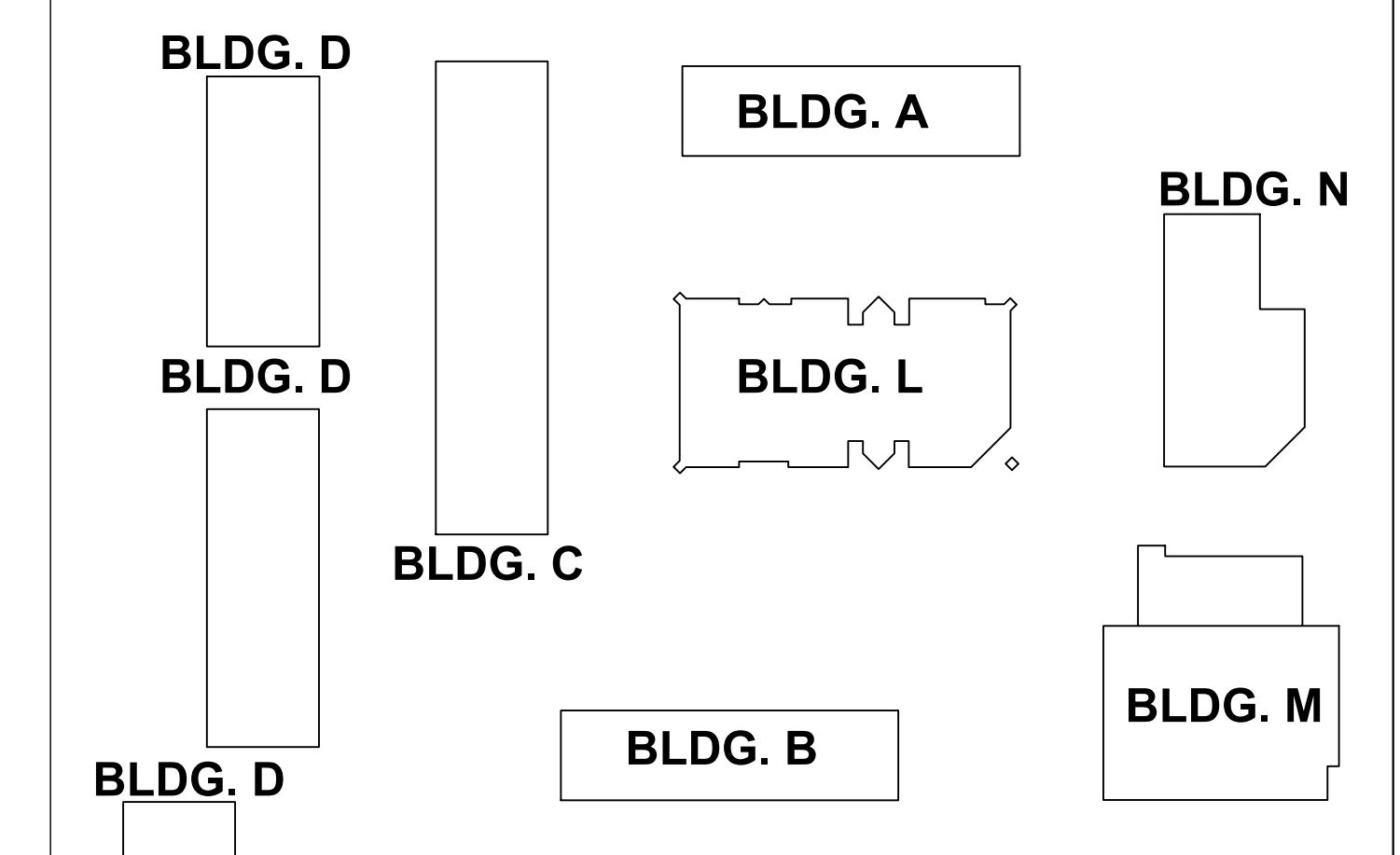
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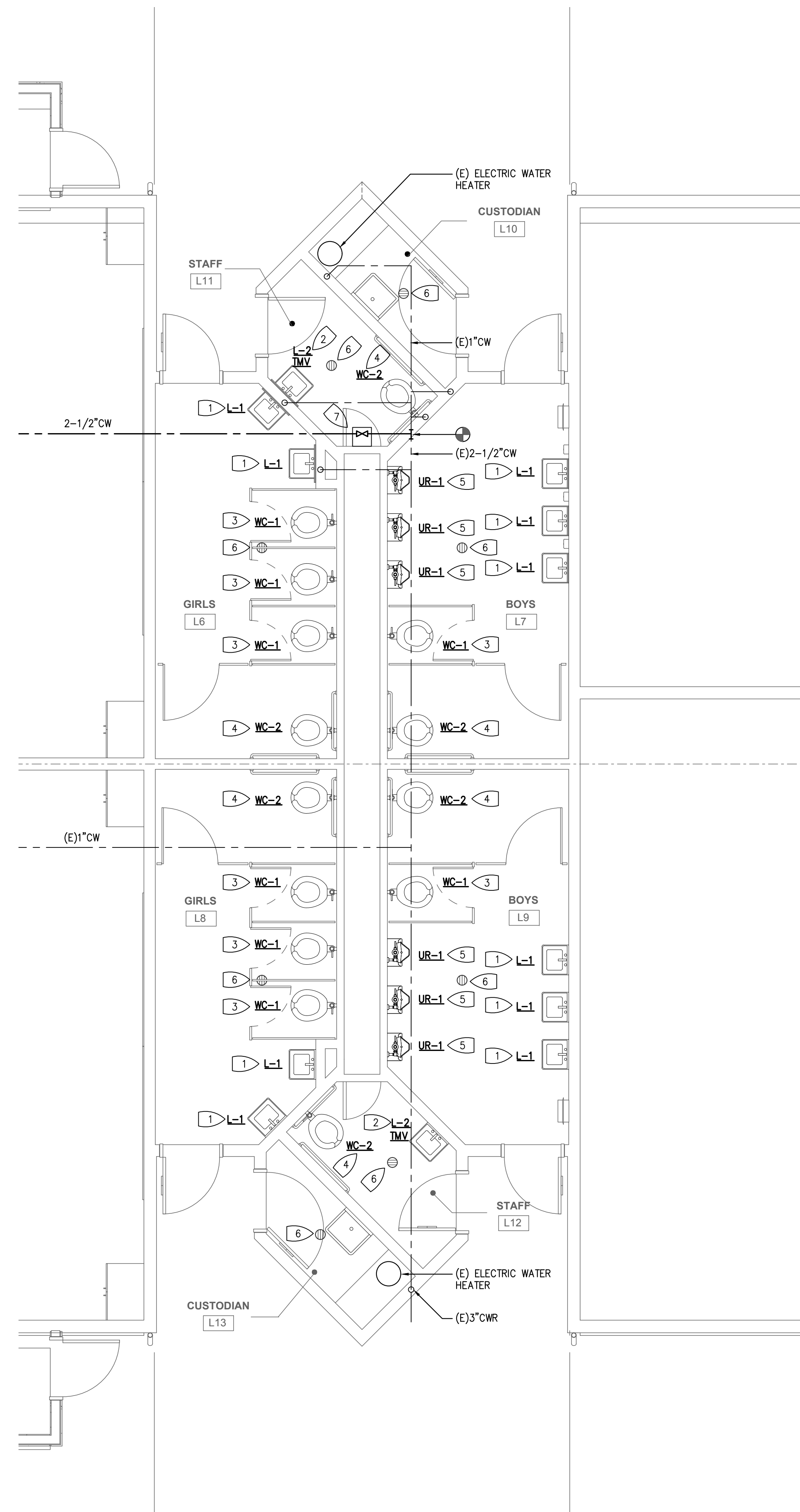
JOB # 2018045

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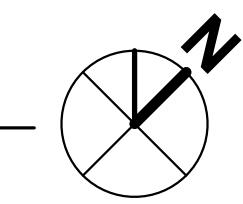
P5.41

BUILDING KEY





1 BUILDING L - PLUMBING PLAN
SCALE: 1/4" = 1'-0"



SHEET NOTES:
1. FOR PLUMBING FIXTURES SEE PLUMBING FIXTURE SCHEDULE SHEET P0.01.

KEYED NOTES:

- 1 PROVIDE NEW PLUMBING FIXTURE L-1 AND CONNECT (N) 1-1/2" WASTE, 1-1/2" VENT AND 1/2" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE NEW COMMERCIAL WALL CARRIER. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
- 2 PROVIDE NEW PLUMBING FIXTURE L-2 AND CONNECT (N) 1-1/2" WASTE, 1-1/2" VENT AND 1/2" HOT AND COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE NEW COMMERCIAL WALL CARRIER. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT. SET TMV TO 120° F TEMPERATURE MAX.
- 3 PROVIDE NEW PLUMBING FIXTURE WC-1 AND CONNECT (N) 4" WASTE, 2" VENT AND 1-1/2" COLD WATER TO (E) PLUMBING UTILITIES.
- 4 PROVIDE NEW PLUMBING FIXTURE WC-2 AND CONNECT (N) 4" WASTE, 2" VENT AND 1-1/2" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE FLUSH VALVE HANDLE ON ACCESSIBLE SIDE.
- 5 PROVIDE NEW PLUMBING FIXTURE UR-1 AND CONNECT (N) 2" WASTE, 1-1/2" VENT AND 1" COLD WATER TO (E) PLUMBING UTILITIES. PROVIDE NEW COMMERCIAL WALL CARRIER. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT. EXTEND WASTE AND WATER PIPING AS NECESSARY TO MEET NEW HEIGHT REQUIREMENTS.
- 6 PROVIDE NEW FLOOR DRAIN NICKEL BRONZE TOP GRATE.
- 7 CONNECT NEW 2-1/2" COLD WATER TO (E) 2-1/2" COLD WATER AS SHOWN AND PROVIDE LINE SIZE SOV IN LOCKABLE CEILING ACCESS DOOR.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02-117268 INC.
REVIEWED FOR
SS FLS ACS
DATE: 05/17/2019

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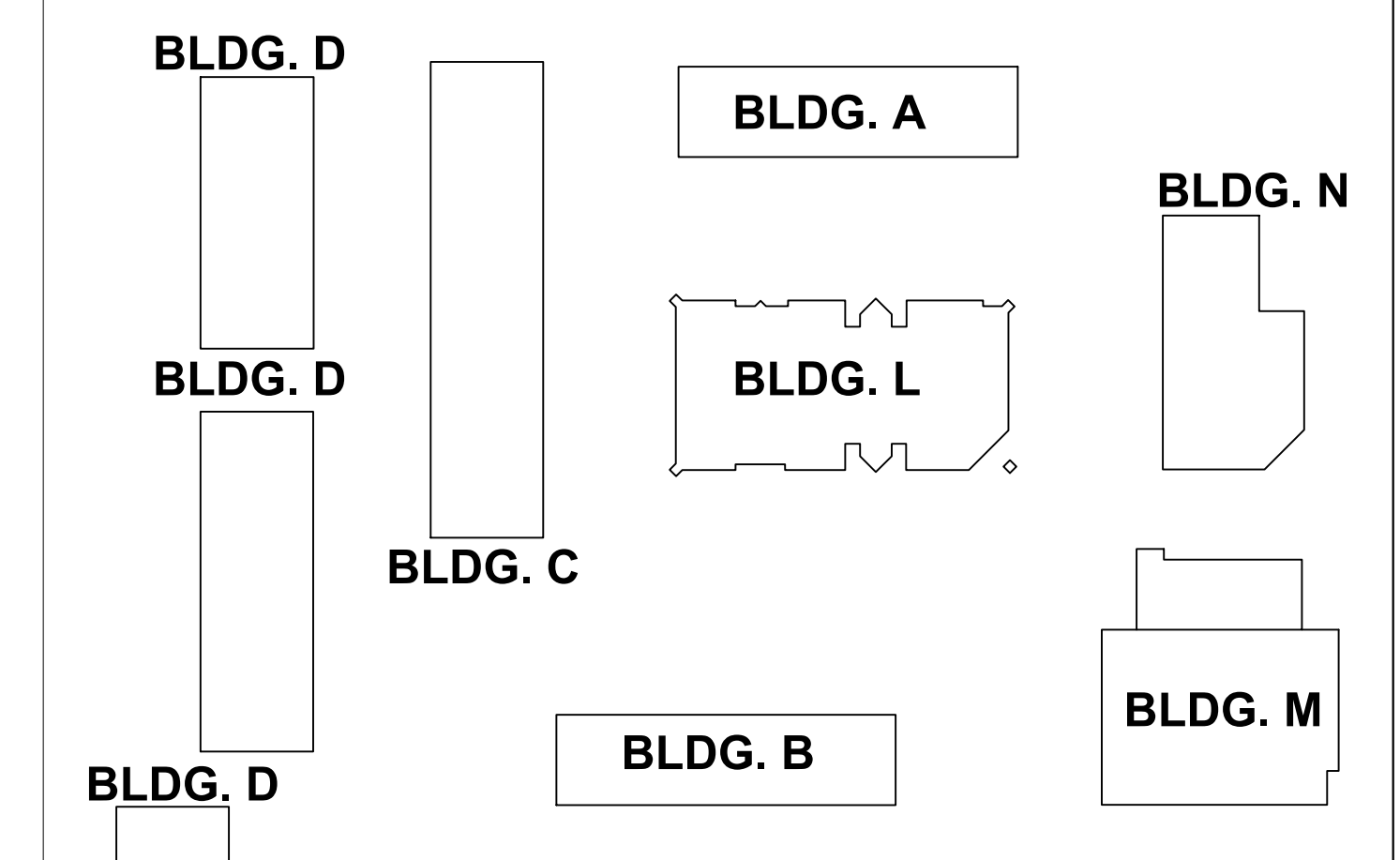
MILESTONES

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SHEET

ENLARGED PLUMBING PLANS

BUILDING KEY

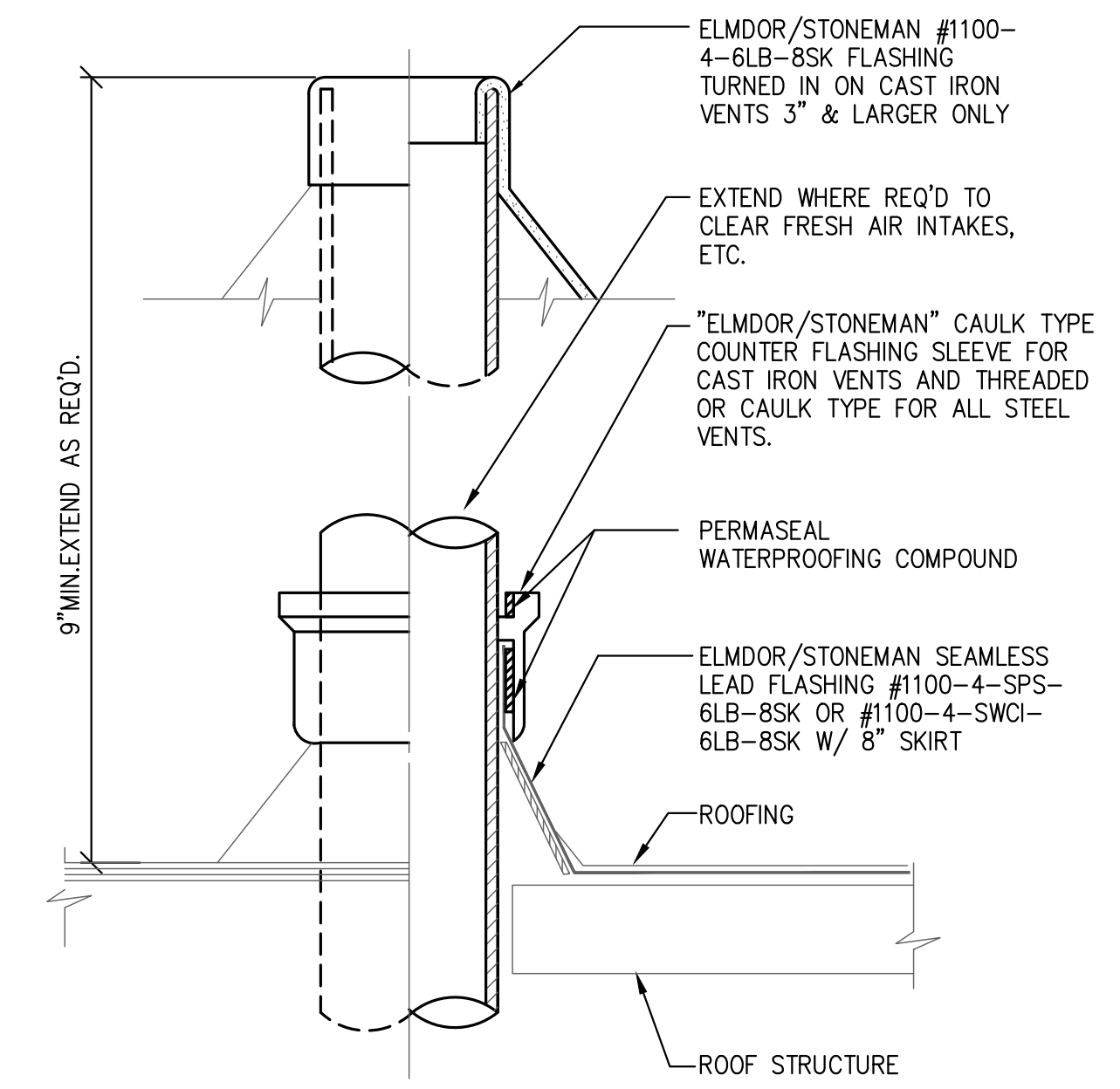
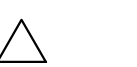
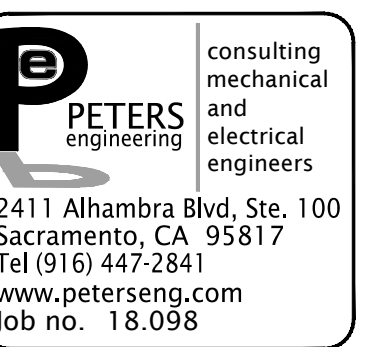


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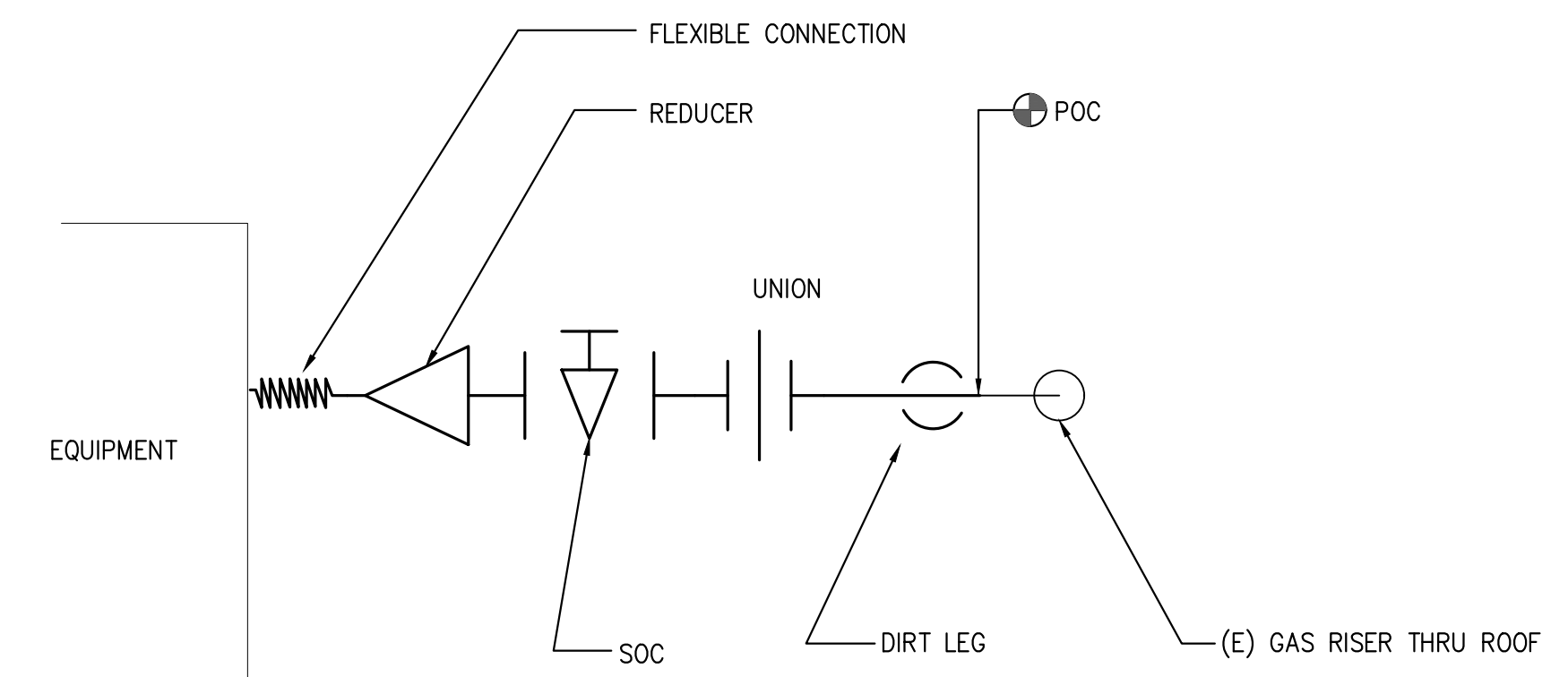
JOB # 2018045

SHEET #

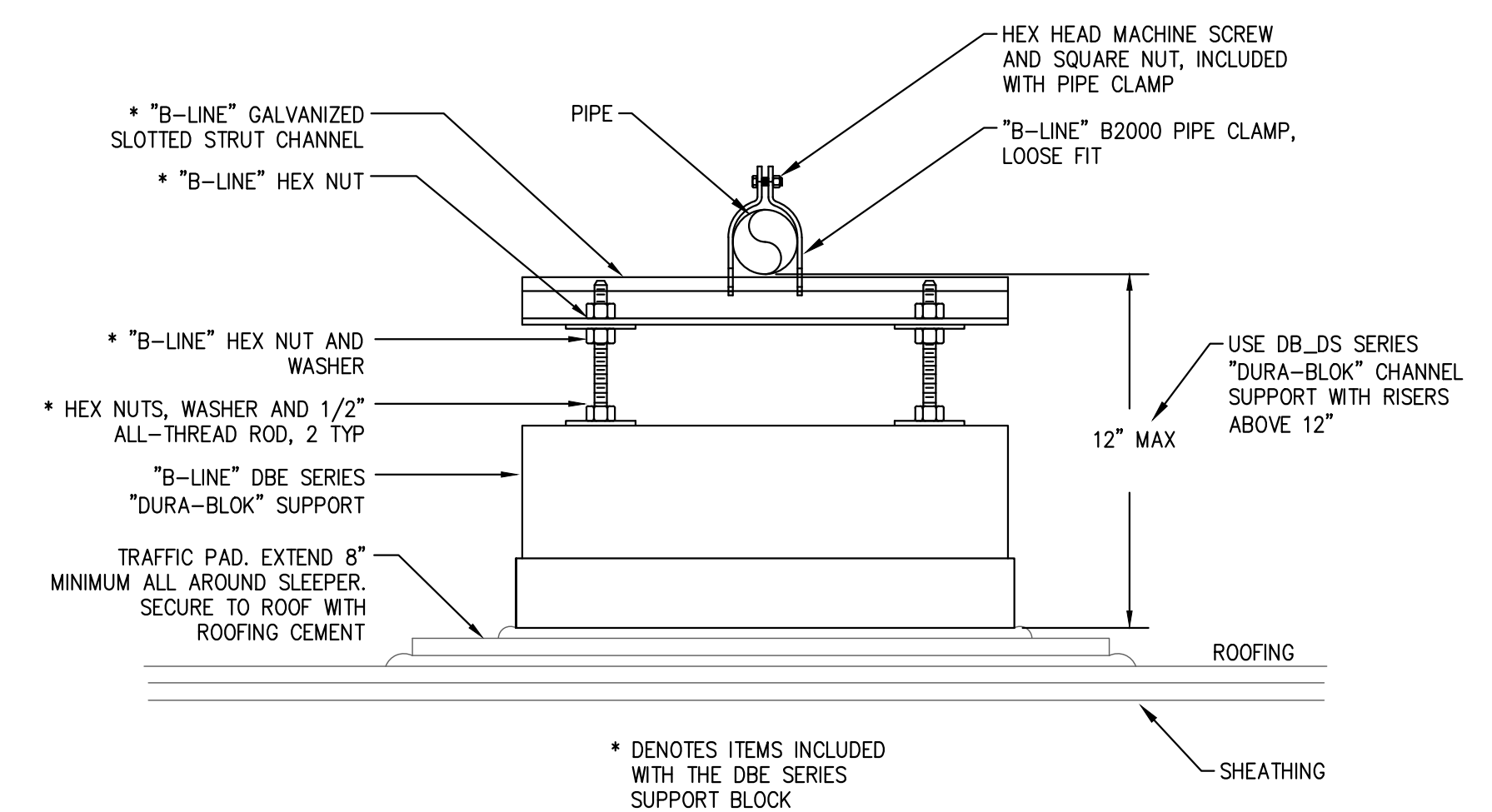
P6.51



1 VENT THRU ROOF FLASHING DETAIL
 SCALE: NONE

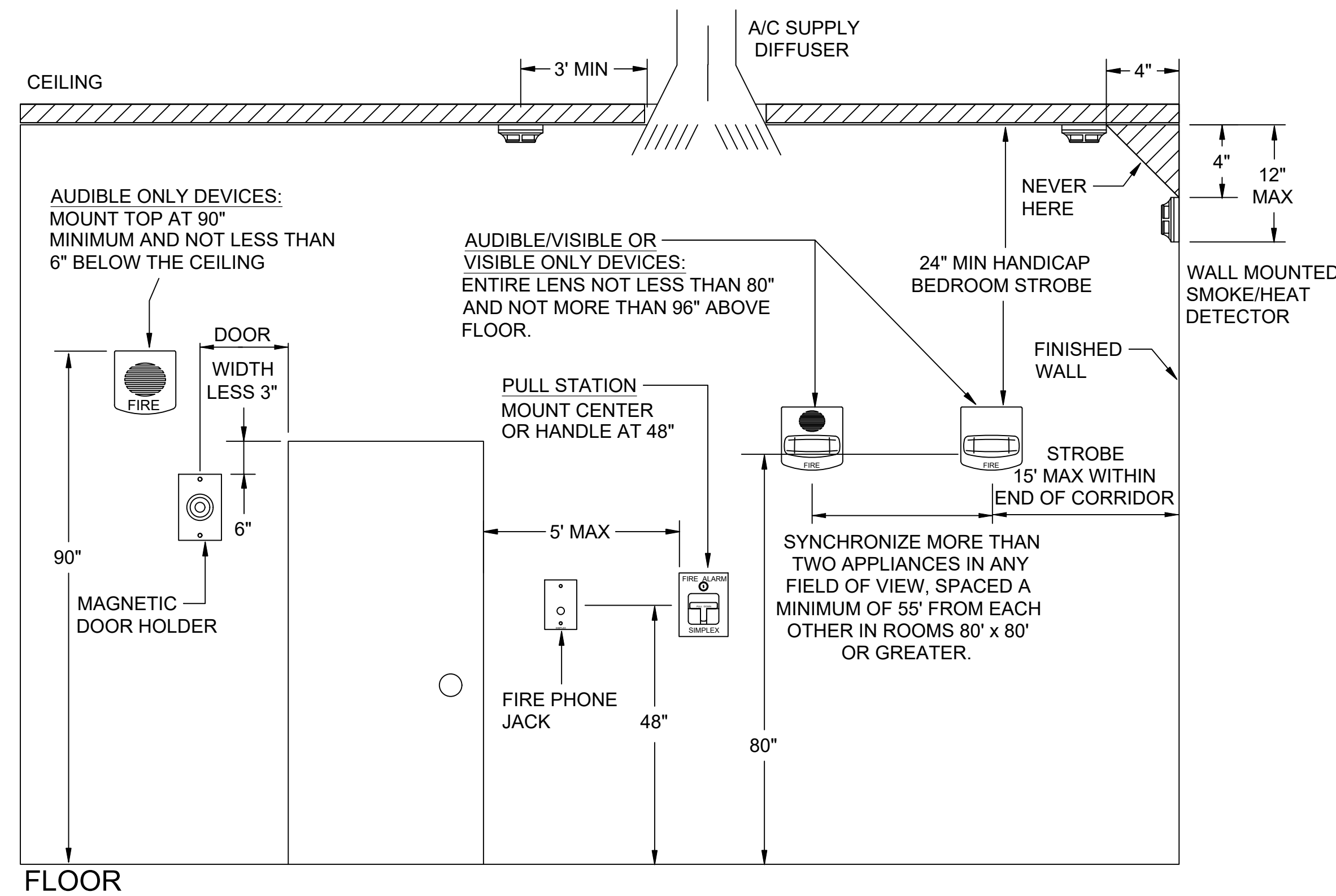


2 TYP GAS CONNECTION TO EQUIPMENT
 SCALE: NONE

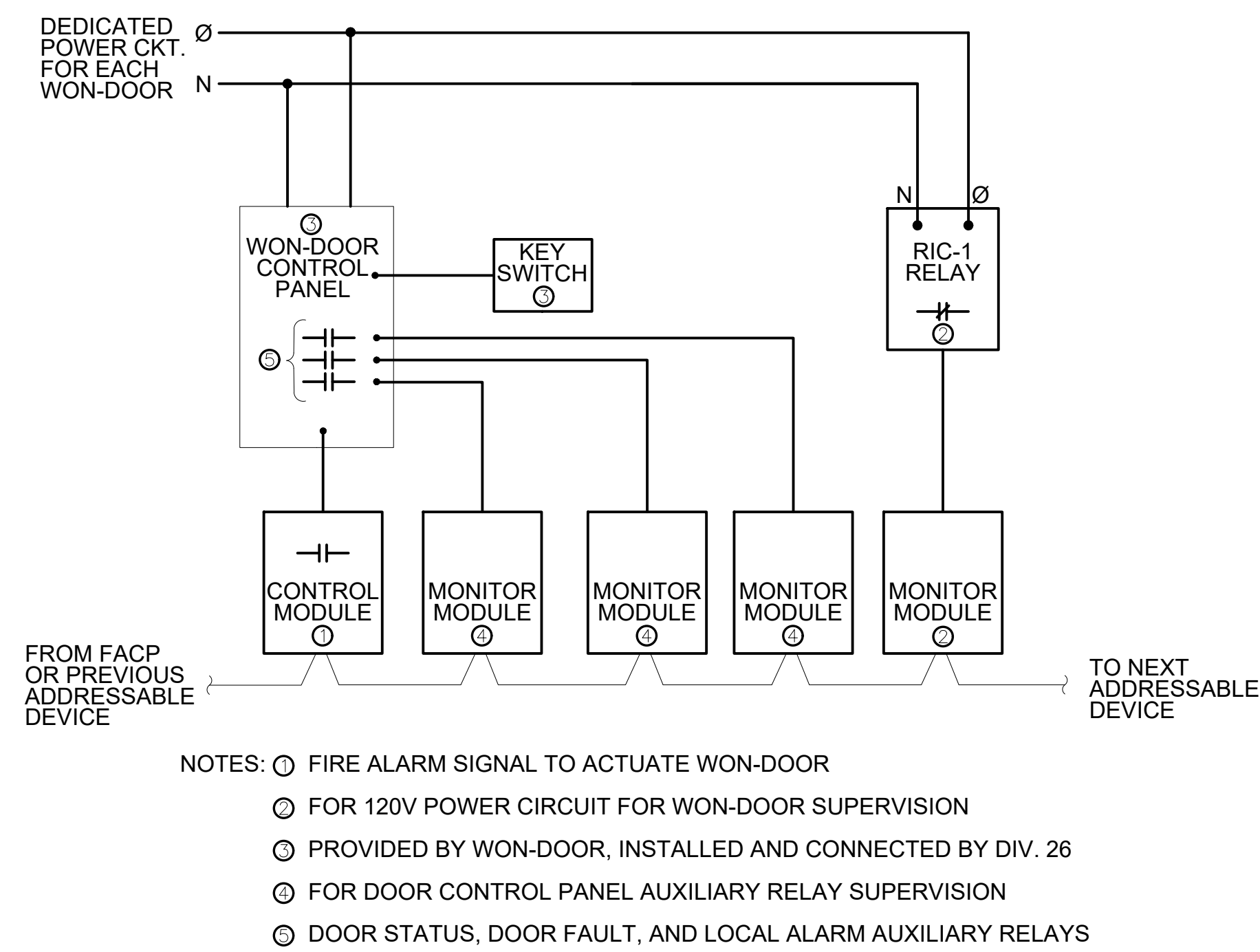


3 PIPE SUPPORT ON ROOF
 SCALE: NONE

FIRE ALARM SYSTEM SEQUENCE OF OPERATION MATRIX											
CAUSE	ALARM				TROUBLE				SUPERVISORY/REQUIRED FIRE SAFETY CONTROL		REMARKS
	EFFECT	ALARM AT FACP	ALARM AT REMOTE ANNUNCIATOR	ALARM AT OFF-SITE REPORTING	ALARM AT OFF-SITE REPORTING	TRIGGER LOCAL TEMPORAL 4 SOUNDER	TRIGGER LOCAL TEMPORAL 4 SOUNDER	TRIGGER LOCAL TEMPORAL 4 SOUNDER	TRIGGER LOCAL TEMPORAL 4 SOUNDER	TRIGGER LOCAL TEMPORAL 4 SOUNDER	
1 WATER FLOW SWITCH	X	X	X	X							
2 VALVE TAMPER SWITCH	X	X	X	X							
3 MANUAL FIRE ALARM STATIONS	X	X	X	X							
4 AREA SMOKE OR HEAT DETECTORS	X	X	X	X							
5 CARBON MONOXIDE DETECTION	X	X	X	X							
6											
7											
8 DUCT SMOKE DETECTOR AT HVAC UNIT								X	X	X	
9 POWER FAILURE								X	X	X	
10 FIRE ALARM TROUBLE (OPEN, SHORTS OR GROUNDS ON INITIATION, NOTIFICATION OR SIGNALING LINE CIRCUITS)								X	X	X	



1 DETAIL - FIRE ALARM ELEVATIONS
SCALE: NONE



2 DIAGRAM - WON-DOOR CONNECTION, POWER AND FA
SCALE: NONE

FIRE ALARM GENERAL NOTES

- FURNISH AND INSTALL A NEW FIRE ALARM SYSTEM INCLUDING ALL WIRING AND CONNECTIONS AND OTHER MATERIALS AS SHOWN ON PLANS AND SPECIFIED HEREIN. IT IS THE INTENT THAT A COMPLETE OPERATING SYSTEM CONFORMING TO ALL APPLICABLE CODES BE INSTALLED AND THAT ANY POWER SUPPLIES, RELAYS, RESISTORS, CARDS, MODULES, PROGRAMMING, OR OTHER ITEMS REQUIRED TO ACHIEVE THIS END RESULT SHALL BE FURNISHED WHETHER OR NOT SUCH ITEM OR ITEMS ARE SHOWN OR SPECIFIED.
- THE CONTRACT DRAWINGS AND SPECIFICATIONS INDICATE THE GENERAL SCOPE OF THE FIRE ALARM SYSTEM. THE FIRE ALARM SYSTEM CONTRACTOR SHALL LAYOUT ALL DEVICES, EQUIPMENT, CONDUIT, WIRING, ETC. AND SUBMIT DRAWINGS AS REQUIRED BY THE SPECIFICATIONS. ALL LOCATIONS AND SPACINGS SHALL CONFORM TO APPLICABLE CODES. ANY ADDITIONAL DETECTION AND SIGNALING DEVICES REQUIRED BY CODES AND THE ENFORCING AUTHORITY SHALL BE PROVIDED AS PART OF THIS CONTRACT.
- THE SYSTEM SHALL BE FULLY AUTOMATIC WITH MANUAL STATIONS AT MAIN OFFICE AND IN ASSEMBLY AREAS.
- THE SYSTEM SHALL BE ADDRESSABLE WITH CLASS B SIGNALING CIRCUITS (NAC'S) AND CLASS B WIRING FOR NON-ADDRESSABLE PORTIONS OF INITIATION CIRCUITS.
- INSTALLATION OF THE FIRE ALARM SYSTEM EQUIPMENT SHALL NOT BE STARTED UNTIL SUBMITTAL HAS BEEN APPROVED BY ARCHITECT.
- THE FIRE ALARM SYSTEM SHALL CONFORM TO THE FOLLOWING CODES:
CALIFORNIA BUILDING CODE (CBC), 2016
CALIFORNIA ELECTRICAL CODE (CEC), 2016
CALIFORNIA FIRE CODE (CFC), 2016
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NFPA 72 WITH CALIFORNIA AMENDMENTS, 2016
- IF FIRE ALARM TESTING RESULTS DETERMINE ALARM AUDIBILITY DOES NOT REACH 15db OVER AMBIENT NOISE LEVELS, ADDITIONAL SIGNALING DEVICES SHALL BE REQUIRED. AUDIBLE DEVICES SHALL PROVIDE A SOUND LEVEL OF NOT LESS THAN 75db AT 10 FT. OR MORE THAN 110db MAXIMUM.
- AUDIBLE DEVICES SHALL PROVIDE THE CALIFORNIA UNIFORM FIRE ALARM SIGNAL IN TEMPORAL MODE.
- VISUAL DEVICES SHALL NOT EXCEED 2 FLASHES PER SECOND AND SHALL NOT BE SLOWER THAN 1 FLASH PER SECOND. ALL DEVICES WITHIN THE NORMAL VIEW RANGE SHALL BE SYNCHRONIZED.
- REFER TO "DETAIL-FA DEVICE ELEVATIONS" FOR DEVICE MOUNTING HEIGHTS.
- UPON COMPLETION OF THE INSTALLATION OF THE FIRE PROTECTIVE SIGNALING EQUIPMENT, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE PROJECT INSPECTOR/DSA.
- POWER SERVICE FOR FIRE ALARM CONTROL PANELS AND/OR REMOTE POWER SUPPLIES SHALL BE ON DEDICATED CIRCUITS. CIRCUIT BREAKER HANDLES FOR SUCH DEDICATED CIRCUITS SHALL BE PAINTED RED AND IDENTIFIED IN DIRECTORY AS "FIRE ALARM CIRCUIT". CIRCUIT BREAKER(S) SERVING CONTROL PANELS AND POWER SUPPLIES SHALL BE EQUIPPED WITH HANDLE LOCKS TO PREVENT BREAKERS FROM BEING OPENED BY UNAUTHORIZED PERSONS.
- THE LOCATION OF THE DEDICATED CIRCUIT BREAKER SERVING CONTROL PANELS AND POWER SUPPLIES SHALL BE PERMANENTLY IDENTIFIED AT THE CONTROL PANELS AND POWER SUPPLIES. PROVIDE ADHESIVE BACKED NAMEPLATE TO READ "DEDICATED 120V CIRCUIT FROM _____" WITH CIRCUIT NUMBER INCLUDED IN TEXT. ATTACH TO INSIDE OF DOOR.
- FINAL FIRE TEST SHALL BE MADE WITH PROJECT INSPECTOR AS A MINIMUM. LOCAL FIRE AUTHORITY SHALL BE NOTIFIED OF DATE AND TIME OF FINAL FIRE ALARM TESTING AND SHALL ASSIST/WITNESS SUCH TESTING WHEN ABLE.
- FIRE ALARM CONTRACTOR SHALL PROVIDE A "RECORD OF COMPLETION" TO THE PROJECT INSPECTOR/ DSA AFTER COMPLETION OF THE OPERATIONAL ACCEPTANCE TESTS. THE RECORD OF COMPLETION MUST BE SIGNED BY CONTRACTOR.

FIRE ALARM MONITORING NOTE

AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UJFX OR UJJS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY OWNER.

Fire Alarm System Components

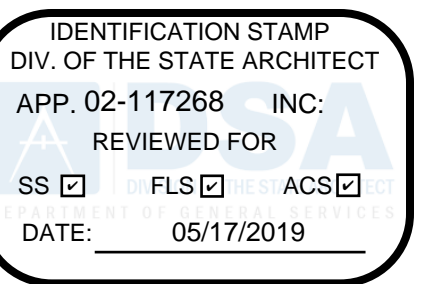
Manufacturer	Model No.	Description	CSFM Listings No.
EST	EST 3	FIRE ALARM CONTROL PANEL	7165-1657-0186
EST	SIGA-278	MANUAL PULL STATION	7150-1657-0129
EST	SIGA-PD	SMOKE DETECTOR	7272-1657-0331
EST	SIGA-HRD	HEAT DETECTOR	7270-1657-0333
SYSTEM SENSOR	5604	HEAT DETECTOR, 134 DEGREES, W/ MONITOR MODULE	7270-1653-0167
THERMOTECH	302-194 w/ AP-P	HEAT DETECTOR, ABOVE CEILING, BELOW FLOOR	7270-0021-0001
EST	SIGA-SD	DUCT DETECTOR	3242-1657-0223
EST	SIGA-PCD	SMOKE/CO DETECTOR	7272-1657-0334
EST	SIGA-SB	DETECTOR BASE	7300-1657-0120
EST	SIGA-AB4GT	SOUNDER BASE	7300-1657-0307
EST	SIGA-CT1	MONITOR MODULE	7300-1657-0121
EST	SIGA-CR	CONTROL MODULE	7300-1657-0121
FIRE-LITE	FCPS-24FS6	REMOTE POWER SUPPLY	7315-0075-0206
EST	SIGA-AA30	VOICE EVAC AUDIO BOOSTER	7300-1657-0121
WHEELLOCK	ET1010	SPEAKER EXTERIOR	7320-0785-0135
WHEELLOCK	WEB-H	W/IR OUTDOOR BACKBOX	7300-0785-0177
WHEELLOCK	WFP	DI WP ADAPTER PLATE	7300-0785-0177
WHEELLOCK	LSPSTRC	SPEAKER/STROBE, CEILING	7320-0785-0178
WHEELLOCK	LSTRC	STROBE, CEILING	7320-0785-0180
WHEELLOCK	DSM-12/24-R	SYNC MODULE	7320-0785-0132
EST	3-LCDANN	REMOTE ANNUNCIATOR	7120-1657-0193
EST	3-REMICA	REMOTE MICROPHONE	7165-1657-0186

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION
[FACT]	FIRE ALARM CONTROL PANEL.
[FACT]	FIRE ALARM TERMINAL CABINET.
[F]	FIRE ALARM MANUAL PULL STATION.
[S]	FIRE ALARM SMOKE DETECTOR.
[S] ^{CO}	FIRE ALARM COMBINATION SMOKE/CARBON MONOXIDE DETECTOR.
[R]	FIRE ALARM RATE OF RISE OR FIXED TEMPERATURE DETECTOR.
[D]	FIRE ALARM DUCT SMOKE DETECTOR, PROVIDED BY AND WIRED TO FA SYSTEM BY DIVISIONS 25, 26, 27, & 28, INSTALLED AND WIRED FOR UNIT SHUTDOWN BY DIVISIONS 23 & 25.
[EOL]	END OF LINE RESISTOR.
[H]	FIRE ALARM HORN / CHIME.
[S]	FIRE ALARM SPEAKER / STROBE COMBINATION, CEILING MOUNTED.
[H]	FIRE ALARM WALL MOUNTED STROBE LIGHT.
[X]	FIRE ALARM CEILING MOUNTED STROBE LIGHT.
[M]	FIRE ALARM MONITOR MODULE.
[SM]	FIRE ALARM SYNCHRONIZATION MODULE.
[CM]	FIRE ALARM CONTROL MODULE.
SUBSCRIPTS	FIRE ALARM DEVICE SUBSCRIPTS DESIGNATE THE FOLLOWING: AC = ABOVE CEILING MOUNTED DEVICE S = INTEGRATED SPEAKER WG = WIREGUARD WP = WEATHERPROOF

FIRE ALARM RECORD DOCUMENTS CABINET

- THE FIRE ALARM SYSTEM WORK SHALL INCLUDE A DOCUMENTATION CABINET, INSTALLED AT THE SYSTEM CONTROL PANEL OR OTHER APPROVED LOCATION PER NFPA 72, 7.7.2.
- THE DOCUMENTATION CABINET SHALL BE RED WITH A HINGED, LOCKING DOOR AND SHALL BE PROMINENTLY LABELED "SYSTEM RECORD DOCUMENTS".
- ALL RECORD AND TESTING DOCUMENTATION SHALL BE STORED INSIDE THE CABINET.
- CONTENTS SHALL BE ACCESSIBLE BY AUTHORIZED PERSONNEL ONLY.
- WHERE CABINET IS INSTALLED IN A LOCATION OTHER THAN THE SYSTEM CONTROL UNIT, ITS LOCATION SHALL BE IDENTIFIED AT THE SYSTEM CONTROL UNIT.
- PROVIDE SYSTEM DOCUMENTS AS APPLICABLE
 - RECORD DRAWINGS/AS-BUILTS
 - EQUIPMENT CUT SHEETS AND CA SFM LISTINGS
 - ALTERNATIVE MEANS AND METHODS
 - PERFORMANCE BASED DESIGN DOCUMENTATION (NFPA 72, 7.3.7)
 - SYSTEM RECORD OF COMPLETION AND ANY SUPPLEMENTAL INSPECTION AND TESTING DOCUMENTATION (NFPA 72, 7.8.2)
 - EMERGENCY RESPONSE PLAN (NFPA 72, 7.3.8)
 - EVALUATION DOCUMENTATION (NFPA 72, 7.3.9)
 - RISK ANALYSIS DOCUMENTATION (NFPA 72, 7.3.6)
 - SOFTWARE AND FIRMWARE CONTROL DOCUMENTATION (NFPA 72, 23.2.2)



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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



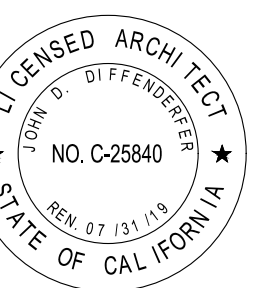
Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT

CONSULTANT



STAMP



STATE

REVISIONS

No. Description

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MILESTONES

SD

DD

50% CD

90% CD

DSA SUB

01/11/2019

SHEET

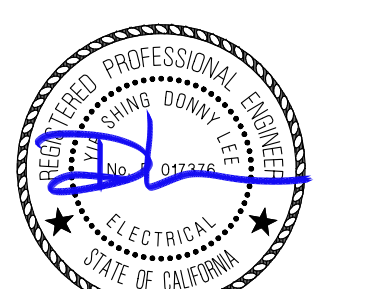
FIRE ALARM SYMBOLS & NOTES

DATE 11/15/2018

JOB # 2018045

SHEET #

E0.02



05/10/2019

LUMINAIRE SCHEDULE								
TYPE	MANUFACTURER/CATALOG	DESCRIPTION	MOUNTING	LAMP		VOLTS	WATTS	REMARKS
				NO.	TYPE			
A20	FINELITE S12 LED ID-DCO-20'-3E-HB-840-OPEN-SC-FA-CE	20' INDIRECT/DIRECT; 4000K; 24, 825 LUMENS	PENDANT		LED	120	192	NOTES 1 & 2
F1	KENALL MLHA12-24-R-MV-PP-25L40K-DCC-1-DV	SURFACE WRAP; 4000K; 2673 LUMENS	SURFACE		LED	UNV 120-277V	25	
F4	KENALL MLHA12-48-R-MV-PP-67L40K-DCC-1-DV	SURFACE WRAP; 4000K; 8227 LUMENS	SURFACE		LED	UNV 120-277V	73	
J1	WILLIAMS 50G-S14-L27/840-FA12125-DIM-UNV	LAY-IN; 4000K; 2700 LUMENS	LAY-IN		LED	UNV 120-277V	21	
CC	STONCO WP-LED-2L-530-NW-UNV	WALL PACK	SURFACE		LED	UNV 120-277V	65	NOTE 3
AA1	STONCO AL-100-NW-G1-AR-4-8	POLE LIGHT	ARM		LED	UNV 120-277V	99	NOTES 3 & 4
AA2	STONCO AL-100-NW-G1-AR-3-8	POLE LIGHT	ARM		LED	UNV 120-277V	99	NOTES 3 & 4
NOTES:		4. PROVIDE SQUARE ALUMINUM POLE, SIZE AND HEIGHT TO MATCH (E) POLES. PER RECORD DRAWINGS, (E) POLES ARE 18" CONCRECTOR TO FIELD VERIFY.						
1. MOUNT WITH BOTTOM OF FIXTURE AT +2" AFF. 2. CONTRACTOR TO VERIFY CEILING TYP. 3. COLOR TO MATCH (E) EXTERIOR FIXTURES WHICH APPEAR TO BE BRONZE. CONTRACTOR TO FIELD VERIFY.								

ELECT. DIST. SYSTEM BRACING NOTE

ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.5.6, 15.6.7, 13.6.8, AND 2016 CBC, SECTIONS 1616A.1.24, 1616A.1.25 AND 1616A.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. SMACNA OR OSHPD OPM), 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.

ELECTRICAL DISTRIBUTION SYSTEMS (E):

E [] OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

E [■] OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM#) # 0052-13

E [] OPTION 3: SHALL COMPLY WITH THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION (2009), INCLUDING ANY ADDENDA. FASTENERS AND OTHER ATTACHEMENTS NOT SPECIFICALLY IDENTIFIED IN THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION, ARE DETAILED ON THE APPROVE DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. THE DETAILS SHALL ACCOUNT FOR THE APPLICABLE SEISMIC HAZARD LEVEL AND CONNETION LEVEL _____ FOR THE PROJECT AND CONDITIONS.

WIRE SCHEDULE

TYPE	AREA	O.D.	DESCRIPTION
D			REFER TO SPECIFICATIONS (CATEGORY 6 DATA CABLE)
G	0.0284	0.19	WEST PENN 3244 (INTRUSION ALARM SYSTEM WIRING)
GX	0.1386	0.42	WEST PENN AQ3245 (INTRUSION ALARM SYSTEM TRUNK)
H	0.0077	(2) 0.07	2 #14 THHN/THWN (RED, BLACK) (FIRE ALARM CONVENTIONAL INITIATION WIRING)
I	0.0315	0.20	WEST PENN D980 (FIRE ALARM ADDRESSABLE CABLE)
IX	0.0755	0.31	WEST PENN AQ293 (FIRE ALARM ADDRESSABLE TRUNK)
N	0.0128	(2) 0.09	2#12 THHN/THWN (FIRE ALARM NOTIFICATION WIRING)
NX	0.0191	(2) 0.11	2#10 THWN (FIRE ALARM NOTIFICATION TRUNK)
S	0.0128	(2) 0.09	2#12 THHN/THWN (VOICE EVACUATION SPEAKER CABLE)
SX	0.0191	(2) 0.11	2#10 THWN (VOICE EVACUATION SPEAKER TRUNK)
T	0.0315	0.20	WEST PENN D980 (VOICE EVACUATION BOOSTER CABLE)
TX	0.0755	0.31	WEST PENN AQ293 (VOICE EVACUATION BOOSTER TRUNK)
Z	0.0077	(2) 0.07	2#14 THHN/THWN (CO SOUNDER BASE POWER)

GENERAL NOTES

1. EXISTING UNDERGROUND UTILITIES ARE PRESENT, BUT THEIR EXACT LOCATIONS ARE NOT KNOWN. CONTRACTOR SHALL LOCATE AND PROTECT BEFORE TRENCHING OR EXCAVATING IN ANY AREA. CONSULT UTILITY COMPANIES, "AS-BUILT" DRAWINGS, AND SCHOOL MAINTENANCE PERSONNEL FOR LOCATION OF EXISTING UNDERGROUND WORK. IF EXISTING PIPING OR UTILITIES ARE DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPAIR IMMEDIATELY AT OWN EXPENSE. NEW UNDERGROUND SHALL BE MODIFIED AS NECESSARY TO CONFORM TO EXISTING CONDITIONS.

2. INFORMATION GIVEN, CONCERNING EXISTING ELECTRICAL INSTALLATION IS AS EXACT AS COULD BE SECURED, BUT EXTREME ACCURACY IS NOT GUARANTEED. CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BIDS AND SATISFY HIMSELF AS TO THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED.

3. EXISTING CIRCUITS AND SERVICES SHALL NOT BE INTERRUPTED EXCEPT BY SPECIFIC APPROVAL OF THE SCHOOL. ALL SHUTDOWNS SHALL BE SCHEDULED WITH THE SCHOOL.

4. ALL INTERIOR CONDUIT SHALL BE RUN CONCEALED. FISH FLEX IN EXISTING WALLS AND USE CUT-IN BOXES, UNLESS NOT POSSIBLE. WHERE CONDUIT MUST RUN EXPOSED, PROVIDE WIREMOLD SURFACE NONMETALLIC RACEWAY, SIZE AS REQUIRED (800 SERIES MINIMUM SIZE). ROUTE AS INCONSPICUOUS AS POSSIBLE. MAKE ANGLES CUTS AS REQUIRED. ATTACH TO WALL WITH SCREWS SPACED 48" MAX. SCREWS MUST PENETRATE STRUCTURAL MEMBERS WITH 1" PENETRATION. COORDINATE ROUTING WITH ARCHITECT

5. CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING AND WALK ROUTES OF NEW UNDERGROUND CONDUITS. NOTE AREAS OF CONCRETE AND ASPHALT BEING CROSSED AND INCLUDE IN BID ALL COSTS FOR CUTTING AND PATCHING AS SHOWN ON DETAILS.

6. PROVIDE TRAFFIC RATED (H/20 LOAD) COVER AND BOXES FOR ALL PULLBOXES UNLESS SPECIFICALLY NOTED OTHERWISE.

7. REFER TO DETAILS ON STRUCTURAL DRAWINGS FOR PENETRATION REQUIREMENTS THROUGH FRAMING TOP PLATES, SILL PLATES, BEAMS, JOIST, RAFTERS, ETC. PROVIDE NOTCHING BORING, DRILLING, ANCHOR BOLTS AND OTHER WORK IN STRICTEST CONFORMANCE TO STRUCTURAL DETAILS.

8. ALL MATERIALS AND EQUIPMENT IS (N) U.O.N.

9. ALL WIRING SHALL BE IN RACEWAY U.O.N.

ELECT. COMPONENT ANCHORAGE NOTE

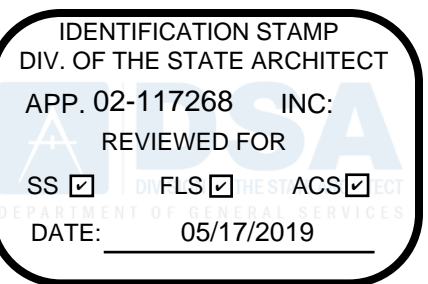
ALL ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTION 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTERS 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHEMENTS.

THE FOLLOWING ELECTRICAL SHALL BE COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED CONDUIT.

- COMPONENTS WEIGHTING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DRIRECTLY 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.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.



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PROJECT

**MARGARET
SCOTTEN ES
MODERNIZATION
2019**



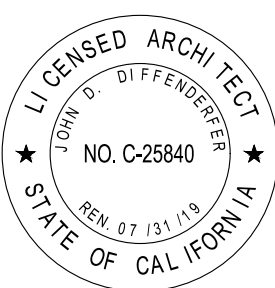
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MILESTONES

SD

DD

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90% CD

DSA SUB

01/11/2019

SHEET

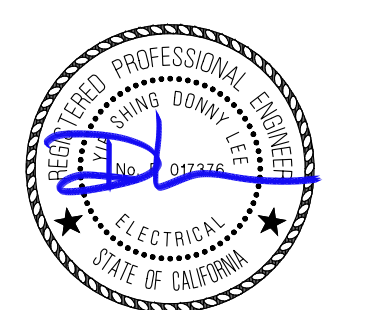
**SCHEDULES &
NOTES**

DATE 11/15/2018

JOB # 2018045

SHEET #

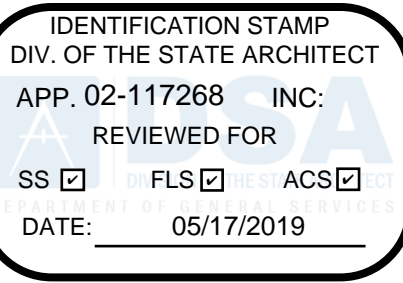
E0.03



05/10/2019

NUMBERED NOTES

- ① REMOVE (E) 225A/3P BREAKER SERVING PANEL 'M'.
- ② (3) (E) LOW VOLTAGE AND (1) (E) POWER PULLBOXES.
- ③ TO (E) HEADEND EQUIPMENT.
- ④ REMOVE CONDUCTORS BACK TO SOURCE. PROTECT CONDUIT. CUT CONDUIT BACK TO MISS (N) CONSTRUCTION AND PROVIDE (N) PULLBOX.
- ⑤ ADJUST/PROTECT ANY ELECTRICAL/LOW VOLTAGE RACEWAYS/WIRING AS REQUIRED FOR (N) CONSTRUCTION.



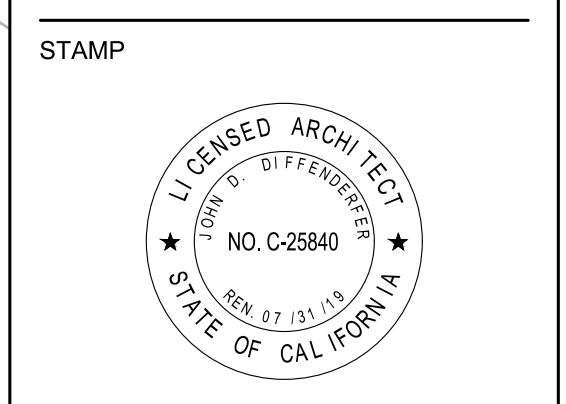
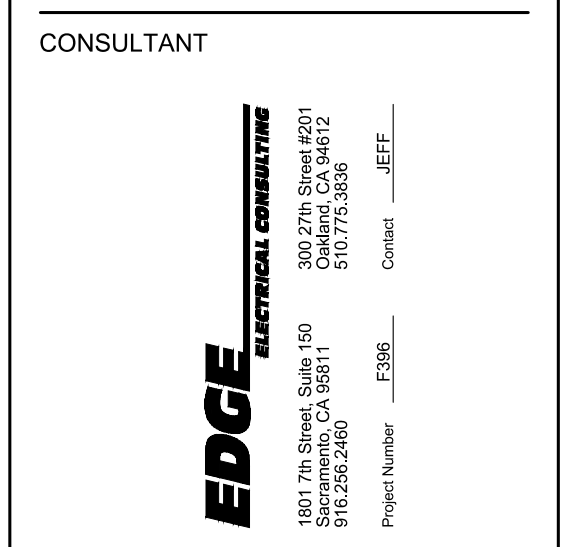
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Grass Valley School District
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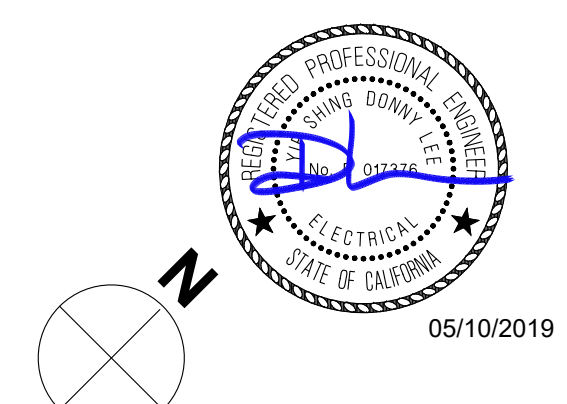
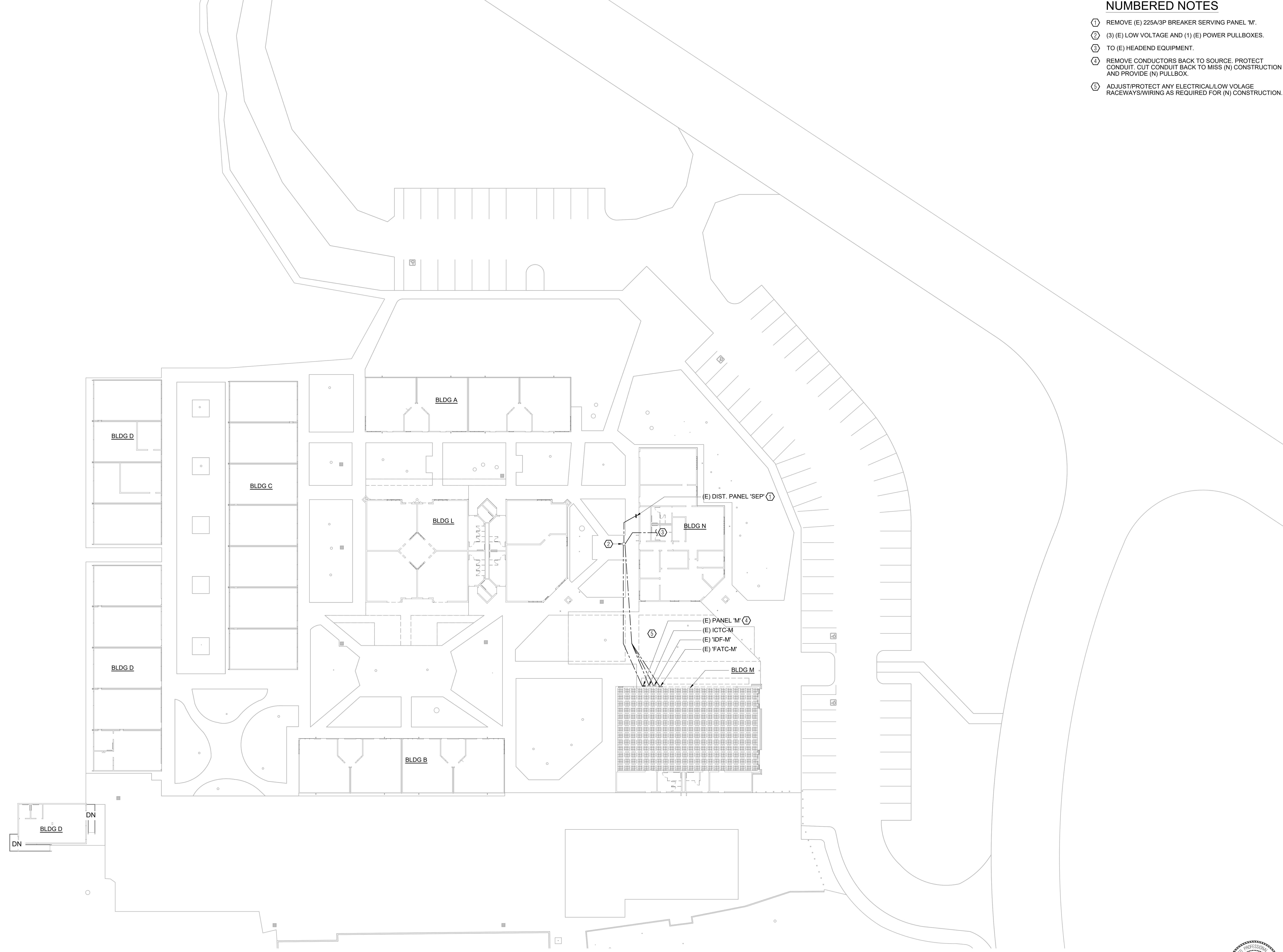
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MILESTONES

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SHEET
DEMOLITION SITE PLAN - ELECTRICAL

DATE 11/15/2018
JOB # 2018045
SHEET # **E1.01**



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NUMBERED NOTES

- ① INTERCEPT AND EXTEND (E) CIRCUIT TO (N) DEVICE AS INDICATED.
- ② REMOVE AND REPLACE (E) CONDUCTORS AS REQUIRED TO PROVIDE (N) 1X.
- ③ REMOVE AND REPLACE (E) CONDUCTORS AS REQUIRED TO PROVIDE (N) 2IX.
- ④ REMOVE AND REPLACE (E) CONDUCTORS AS REQUIRED TO PROVIDE (N) 3IX.
- ⑤ 1" - 2IX.
- ⑥ ENTER (E) PULLBOX. PROVIDE (N) EXTENSION(S) AS REQUIRED.
- ⑦ (3) LOW VOLTAGE AND (1) POWER PULLBOXES.
- ⑧ CHRISTY N40 PULLBOX WITH (2) EXTENSIONS. STEEL CHECKER PLATE LOCKING LID AND CONCRETE SLAB.
- ⑨ (N) SIGNAL PEDESTAL. PROVIDE TERMINAL BLOCKS AND TERMINATE (N) AND (E) CABLES. MAINTAIN CONTINUITY TO REMAINING DEVICES.
- ⑩ CHRISTY N16 PULLBOX WITH (2) EXTENSIONS. STEEL CHECKER PLATE LOCKING LID AND CONCRETE SLAB.
- ⑪ VIA (E) TIMECLOCK. PROVIDE (N) CONTACTOR AND PARALLEL CONTROL CIRCUIT AS REQUIRED.

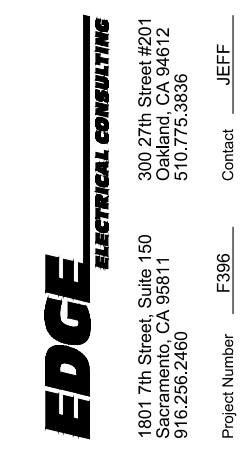
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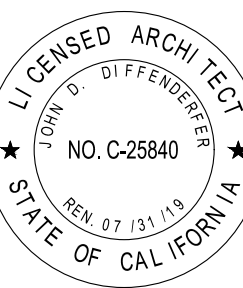
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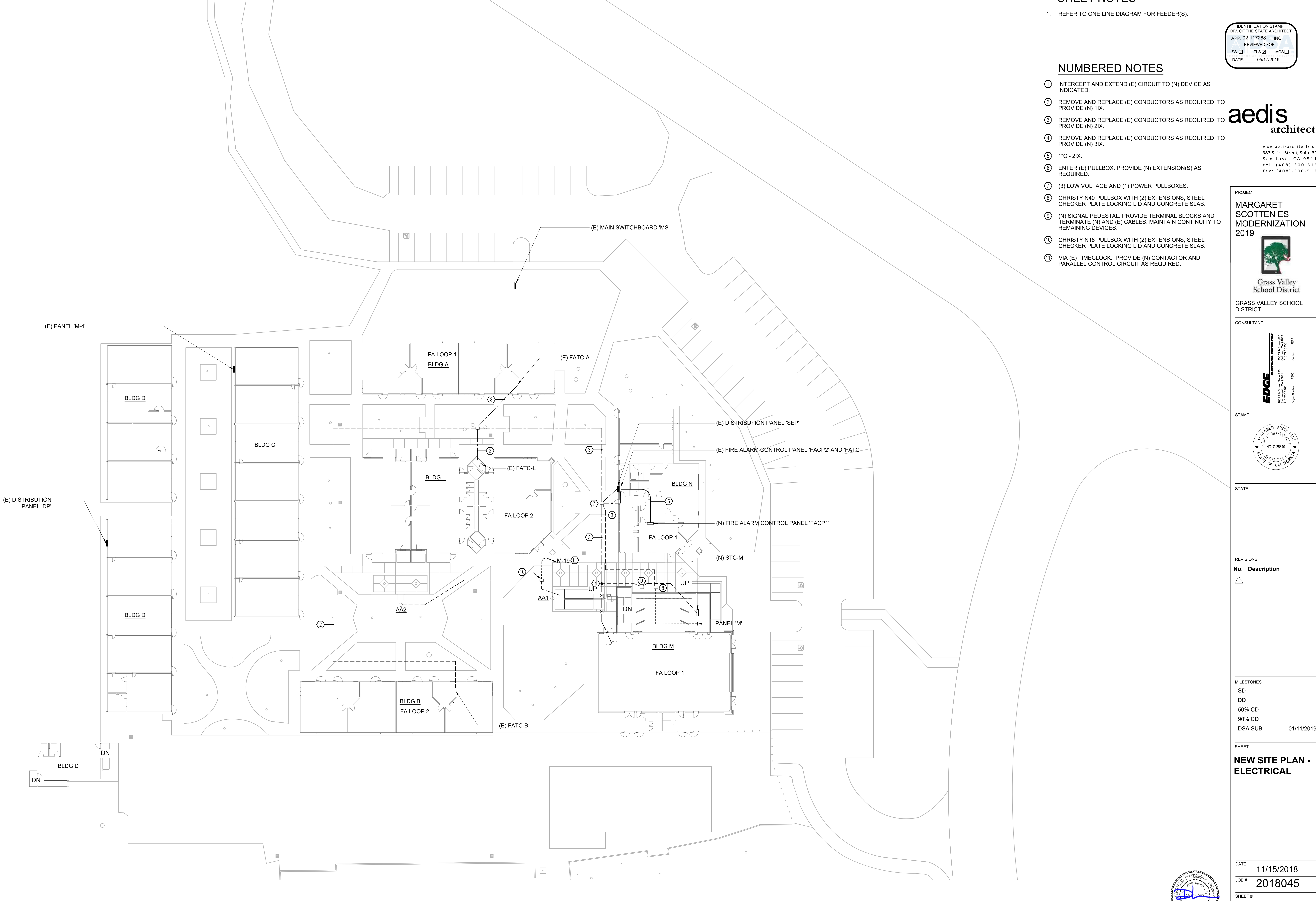
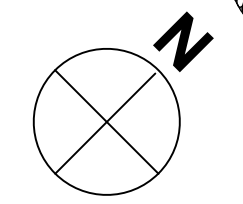
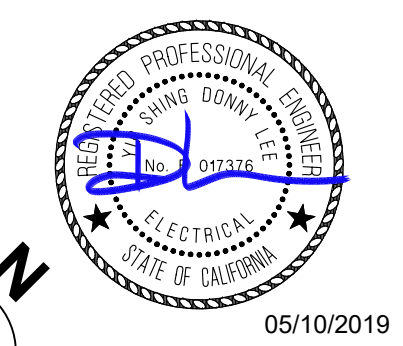
NEW SITE PLAN - ELECTRICAL

DATE 11/15/2018

JOB # 2018045

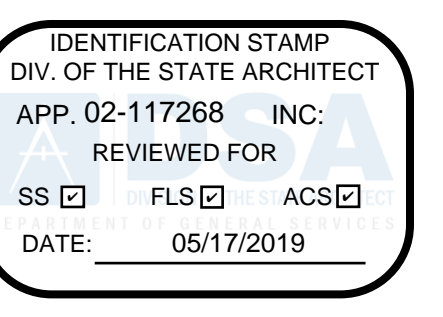
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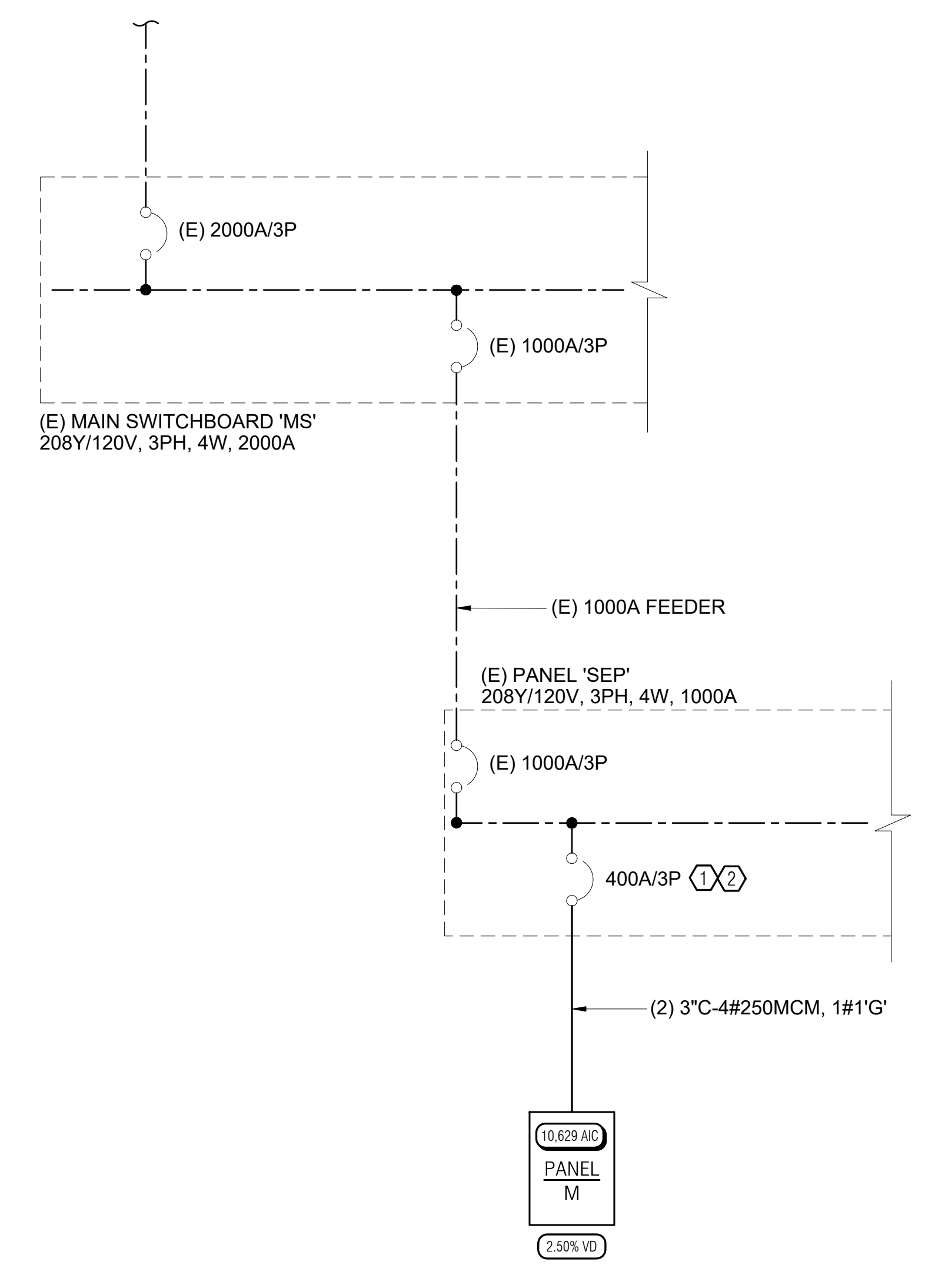
NUMBERED NOTES

- ① AIC OF (N) BREAKER TO MATCH (E) AIC.
- ② REMOVE (E) 225A/3P BREAKER.

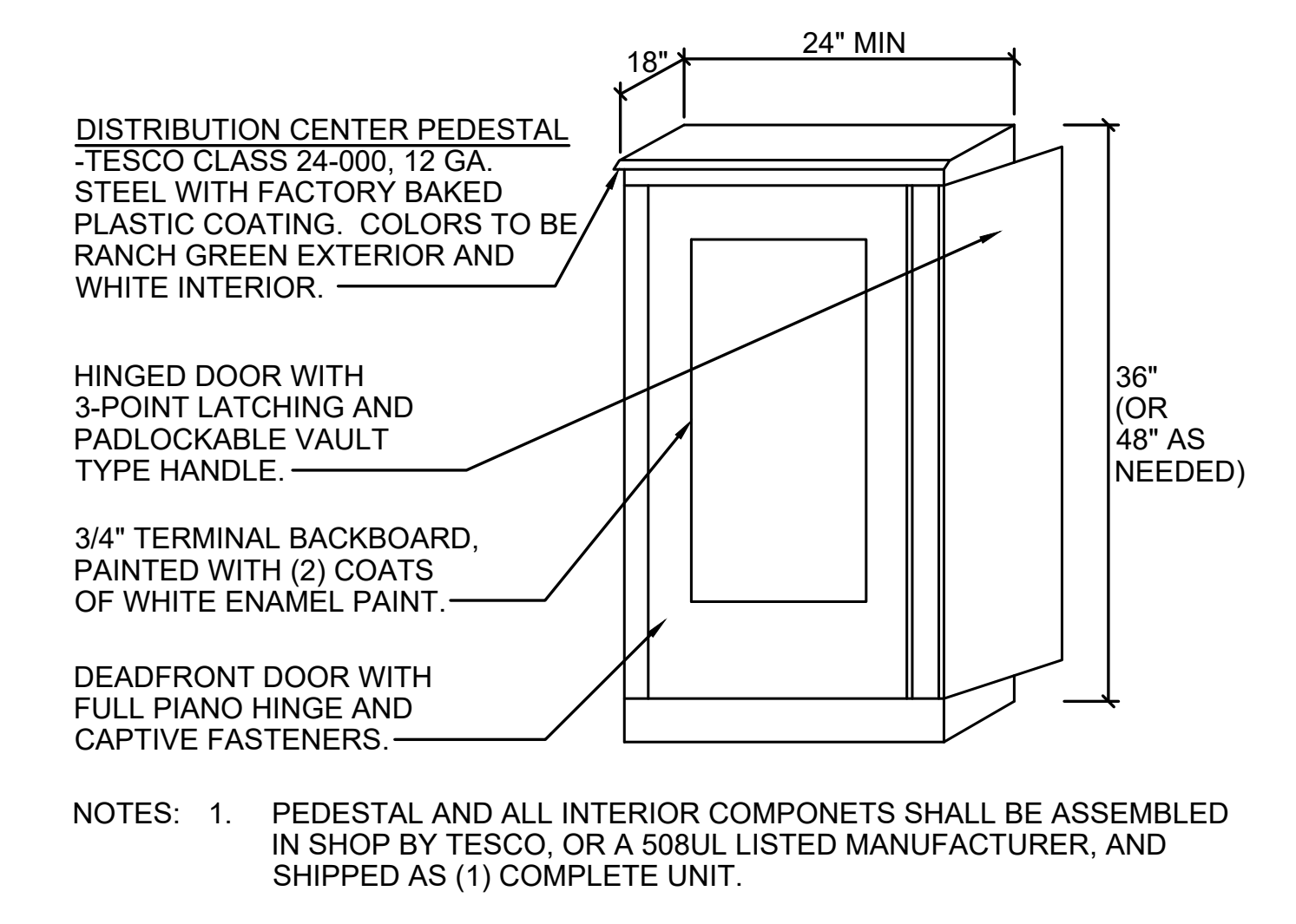


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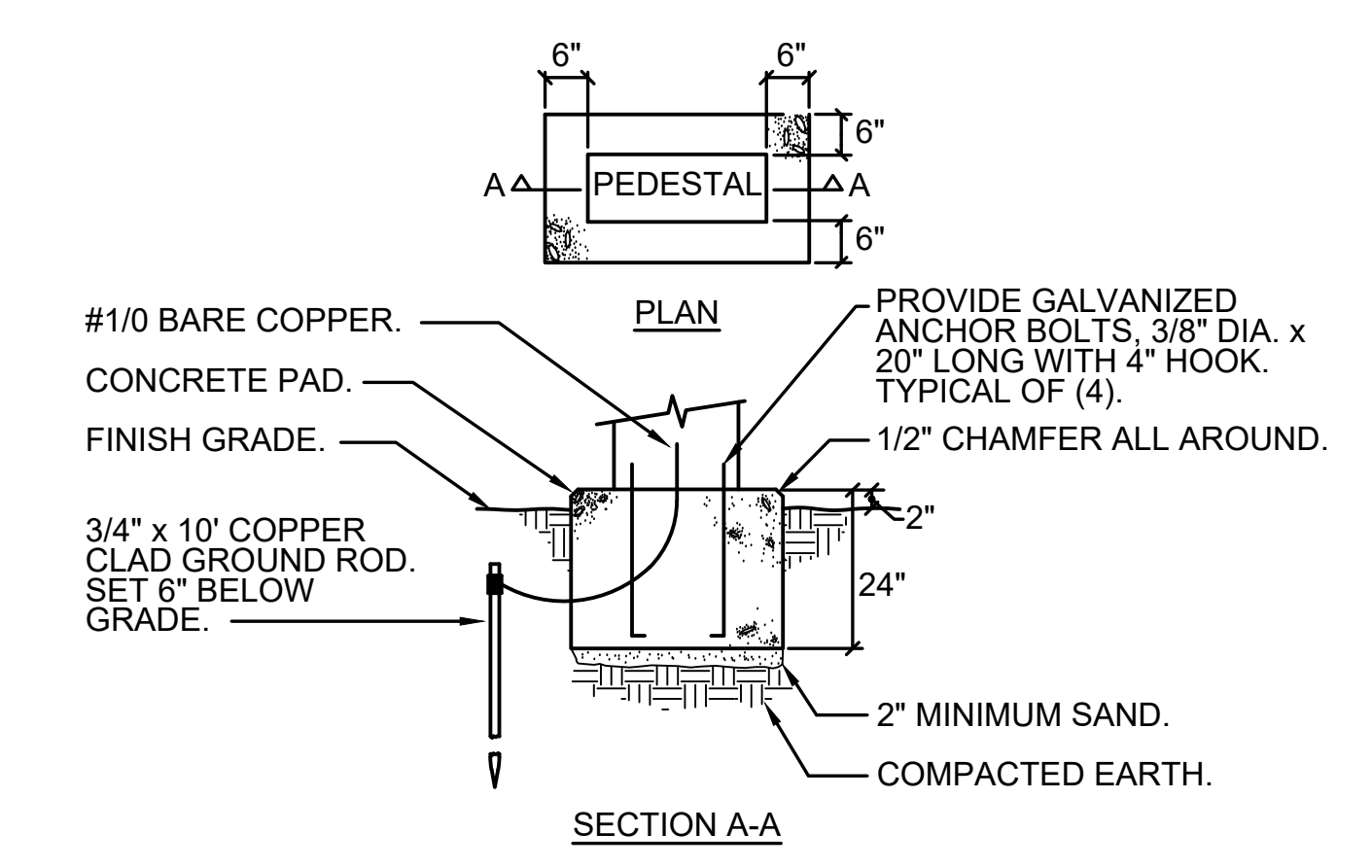
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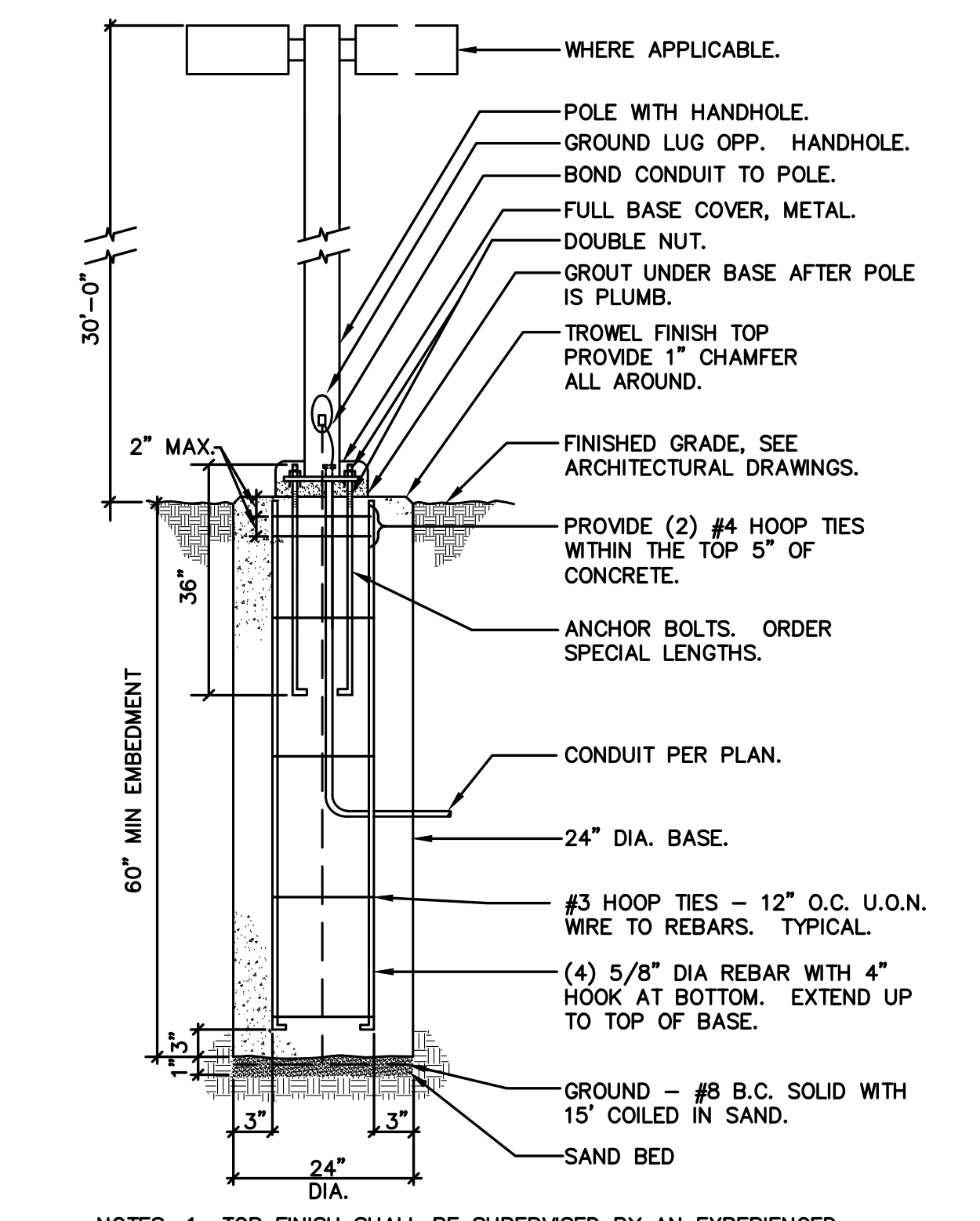
3 ONE LINE DIAGRAM
SCALE: 1'-0" = 1'-0"



1 ELEVATION - SIGNAL PEDESTAL
NO SCALE



2 DETAIL - PEDESTAL PAD
NO SCALE C-19



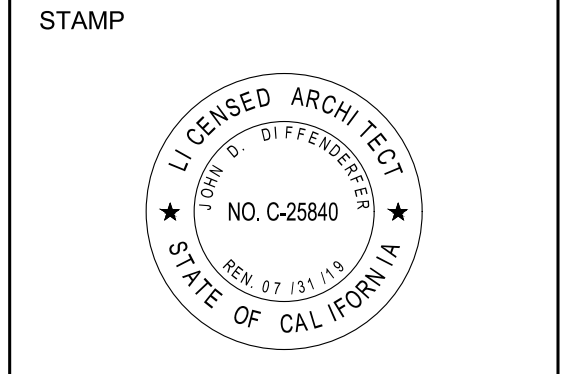
3 DETAIL - POLE BASE AT LAWN AREA
NO SCALE

PROJECT
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SHEET
SITE DETAILS & ONE LINE DIAGRAM

DATE 11/15/2018
JOB # 2018045
SHEET # **E1.11**



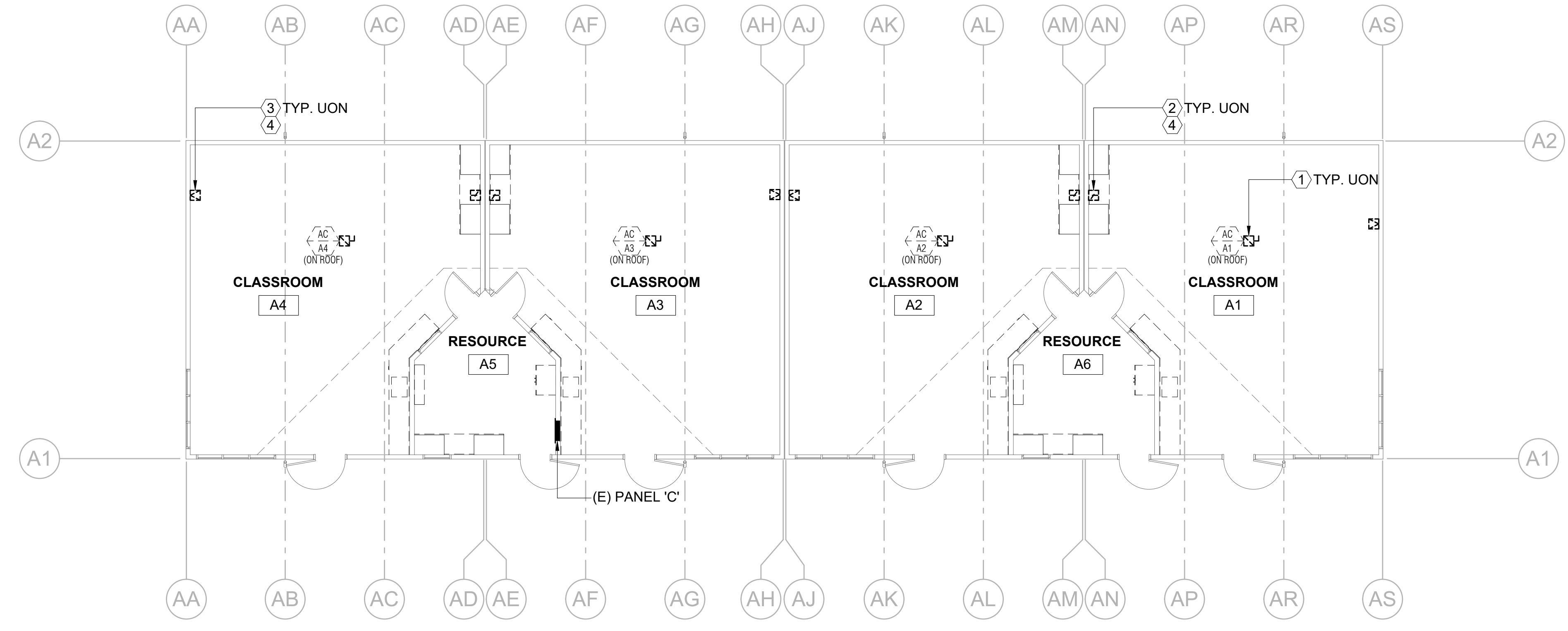
NUMBERED NOTES

- 1 DISCONNECT (E) HVAC UNIT.
- 2 DISCONNECT AND REMOVE (E) CLOCK. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- 3 DISCONNECT AND REMOVE (E) SPEAKER. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- 4 PROVIDE (N) BLANK PLATE. PROVIDE CUSTOM FABRICATED METAL PLATES AS NEEDED TO COVER ENTIRE OPENINGS. CUSTOM PLATES SHALL BE 18-GAUGE MINIMUM AND FINISHED WITH (3) COATS OF PAINTS AS DIRECTED BY ARCHITECT. ATTACHE TO WALL WITH MINIMUM OF ONE SCREW IN EACH CORNER.
- 5 TO REMAIN.

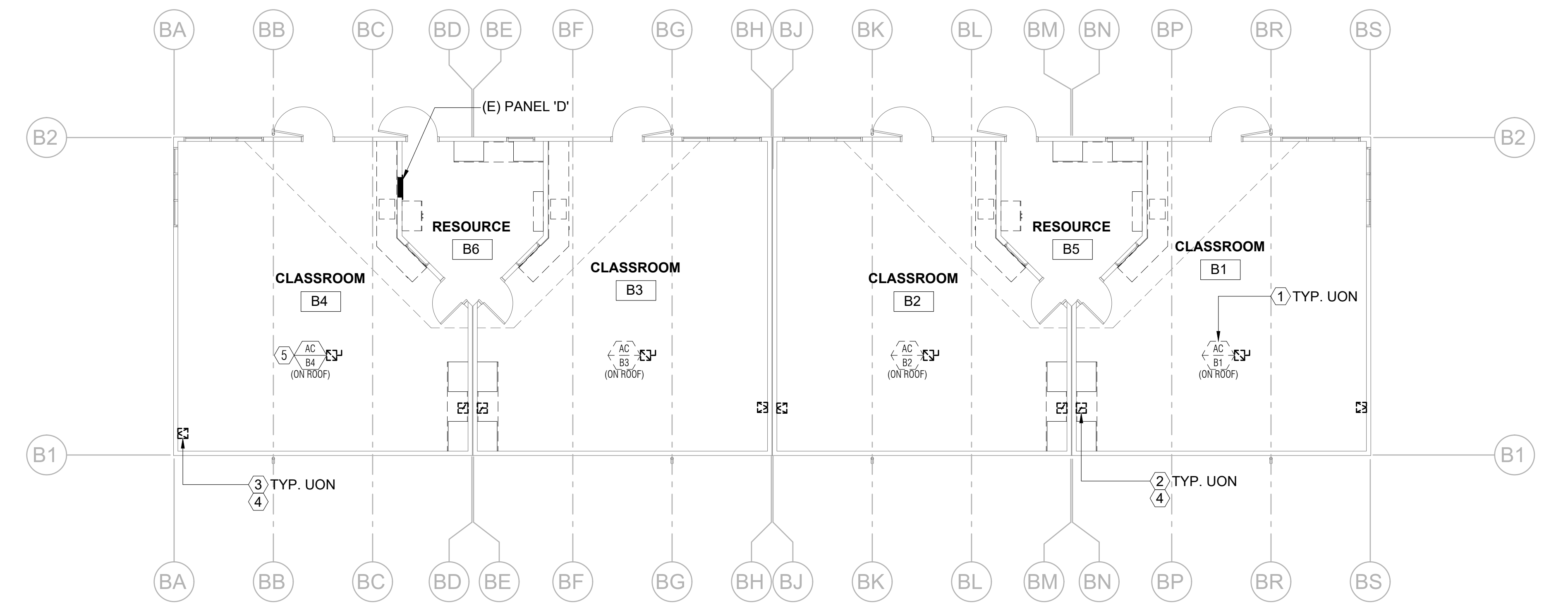
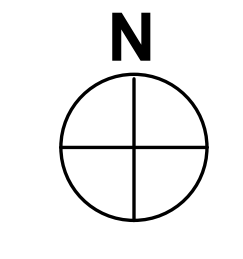
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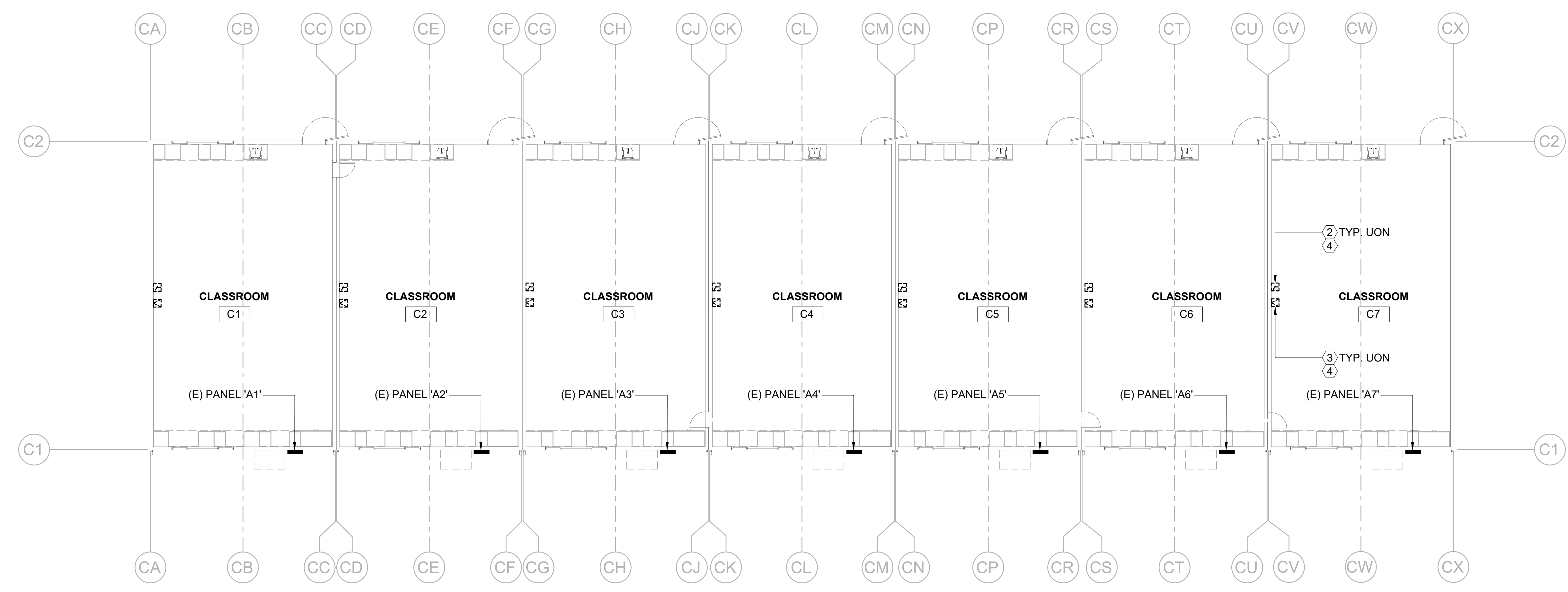
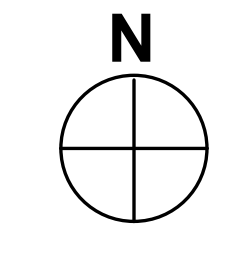
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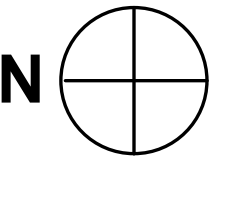
1 BUILDING A DEMO FLOOR PLAN - ELECTRICAL
 SCALE: 1/8" = 1'-0"



2 BUILDING B DEMO FLOOR PLAN - ELECTRICAL
 SCALE: 1/8" = 1'-0"



3 BUILDING C DEMO FLOOR PLAN - ELECTRICAL
 SCALE: 1/8" = 1'-0"



PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019

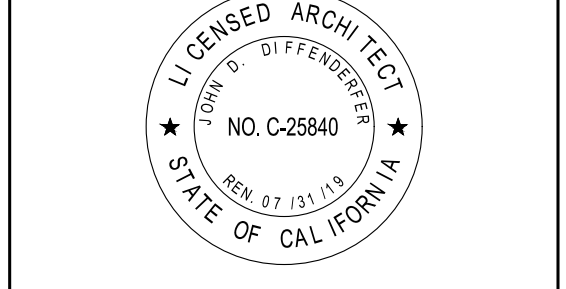


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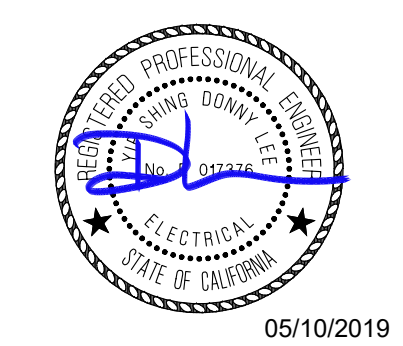
MILESTONES

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90% CD
DSA SUB 01/11/2019

SHEET #
BUILDINGS A, B, & C DEMOLITION FLOOR PLAN - ELECTRICAL

DATE 11/15/2018
 JOB # 2018045

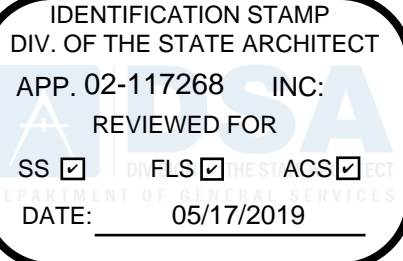
SHEET #
E2.21



05/10/2019

NUMBERED NOTES

- ① DISCONNECT (E) HVAC UNIT.
- ② DISCONNECT AND REMOVE (E) LIGHT FIXTURES AND LIGHT SWITCHES. REMOVE RACEWAY AND CONDUCTORS BACK TO SOURCE OR LAST REMAINING DEVICE.
- ③ DISCONNECT AND REMOVE (E) CLOCK. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- ④ DISCONNECT AND REMOVE (E) SPEAKER. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- ⑤ PROVIDE (N) BLANK PLATE. PROVIDE CUSTOM FABRICATED METAL PLATES AS NEEDED TO COVER ENTIRE OPENINGS. CUSTOM PLATES SHALL BE 18-GAUGE MINIMUM AND FINISHED WITH (3) COATS OF PAINTS AS DIRECTED BY ARCHITECT. ATTACH TO WALL WITH MINIMUM OF ONE SCREW IN EACH CORNER.



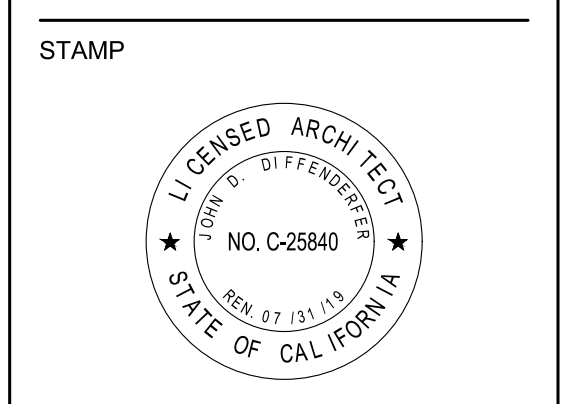
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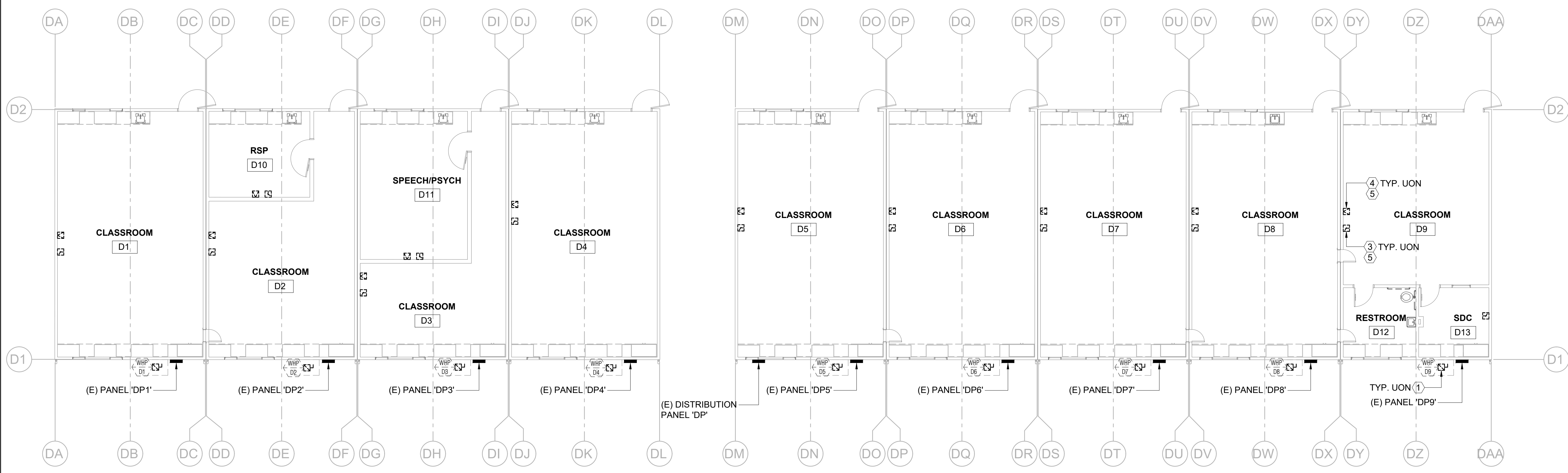
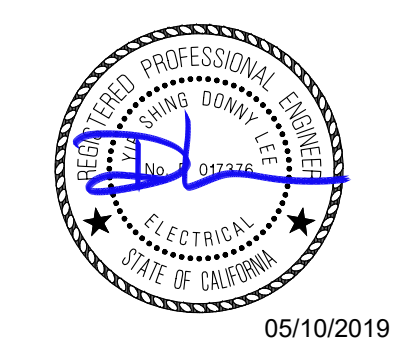
MILESTONES

SD	
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50% CD	
90% CD	
DSA SUB	01/11/2019

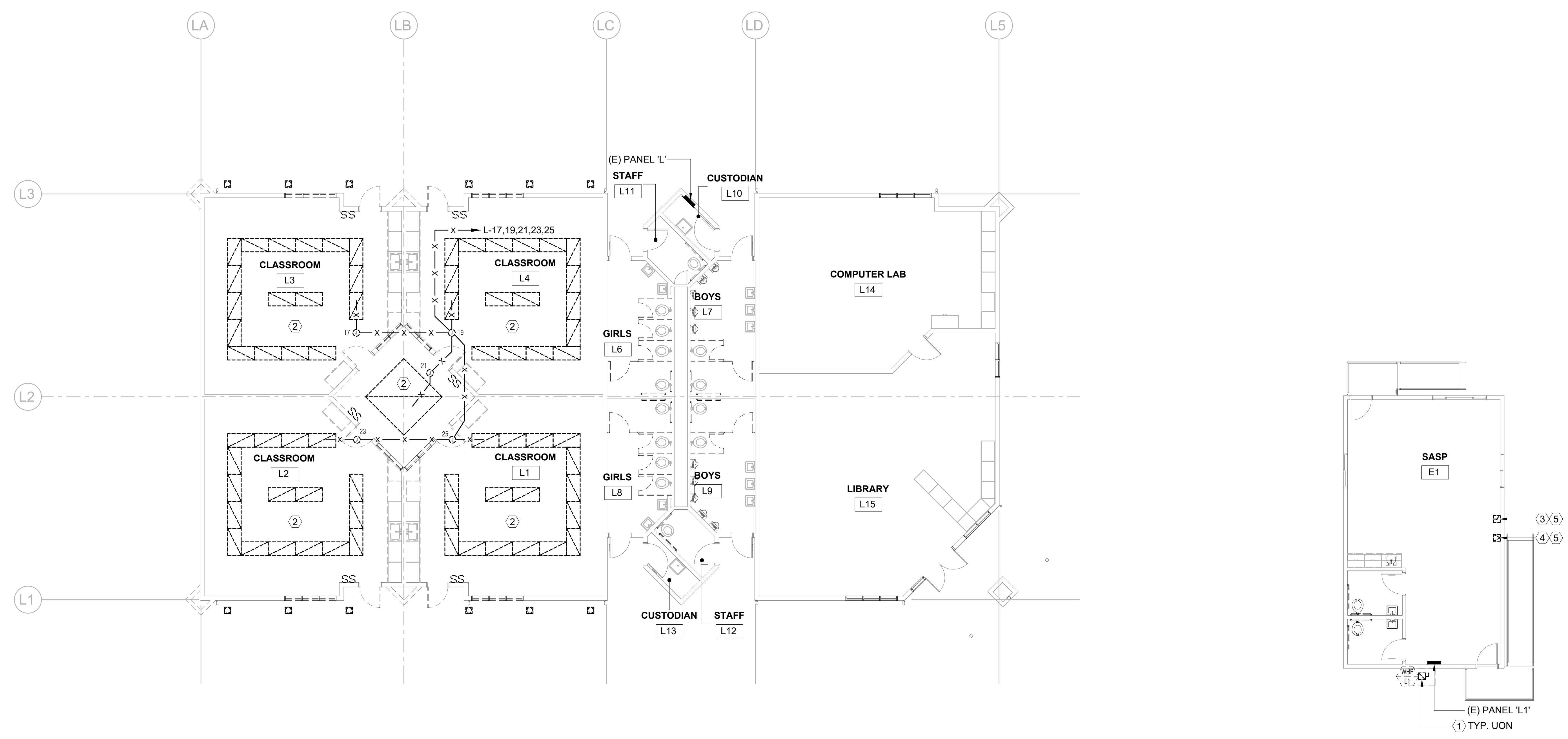
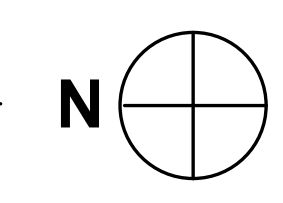
SHEET #
BUILDINGS D & L DEMOLITION FLOOR PLAN - ELECTRICAL

DATE 11/15/2018
JOB # 2018045

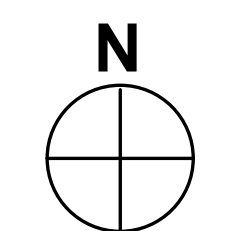
SHEET #
E2.31



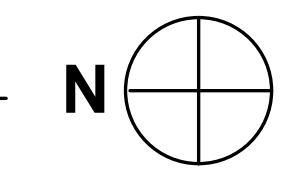
1 BUILDING D DEMO FLOOR PLAN - PARTIAL - ELECTRICAL
SCALE: 1/8" = 1'-0"



3 BUILDING L DEMO FLOOR PLAN - LIGHTING
SCALE: 1/8" = 1'-0"



2 BUILDING D DEMO FLOOR PLAN - PARTIAL ELECTRICAL
SCALE: 1/8" = 1'-0"



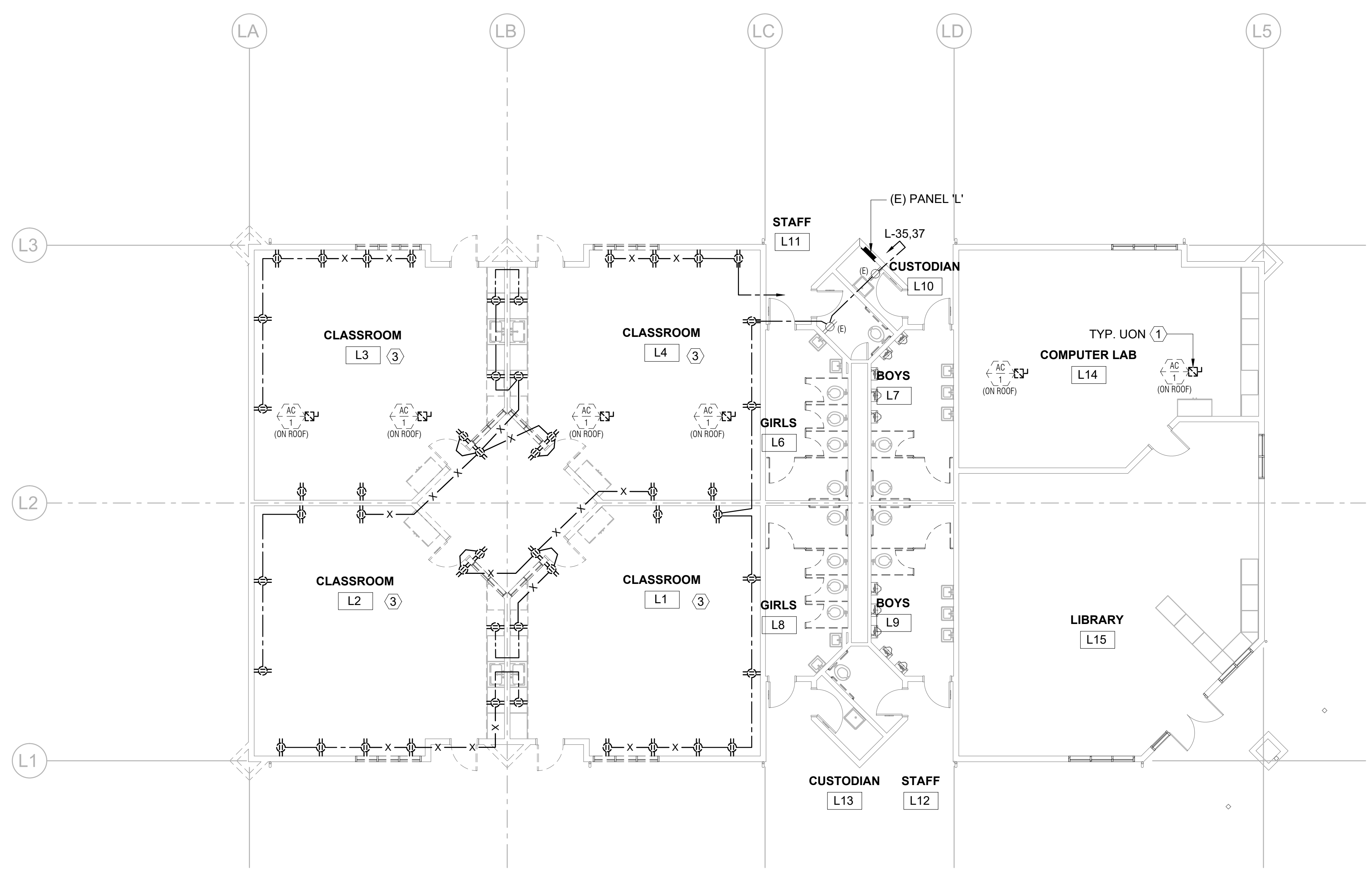
NUMBERED NOTES

- ① DISCONNECT (E) HVAC UNIT. PROTECT RACEWAY AND WIRING FOR CONNECTION TO (N) UNIT.
- ② DISCONNECT AND REMOVE (E) FIRE ALARM DEVICES. REMOVE RACEWAY AND WIRING BACK TO LAST REMAINING DEVICE.
- ③ DISCONNECT AND REMOVE (E) RECEPTACLES SHOWN UNLESS SHOWN TO BE REUSED ON OTHER PLANS. REMOVE RACEWAY AND WIRING BACK TO LAST REMAINING DEVICE.
- ④ DISCONNECT AND REMOVE (E) CLOCK. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- ⑤ DISCONNECT AND REMOVE (E) SPEAKER. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- ⑥ DISCONNECT AND REMOVE DATA OUTLET. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- ⑦ PROVIDE (N) BLANK PLATE. PROVIDE CUSTOM METAL PLATES AS NEEDED TO COVER ENTIRE OPENINGS. CUSTOM PLATES SHALL BE 18-GAUGE MINIMUM AND FINISHED WITH (3) COATS OF PAINTS AS DIRECTED BY ARCHITECT.

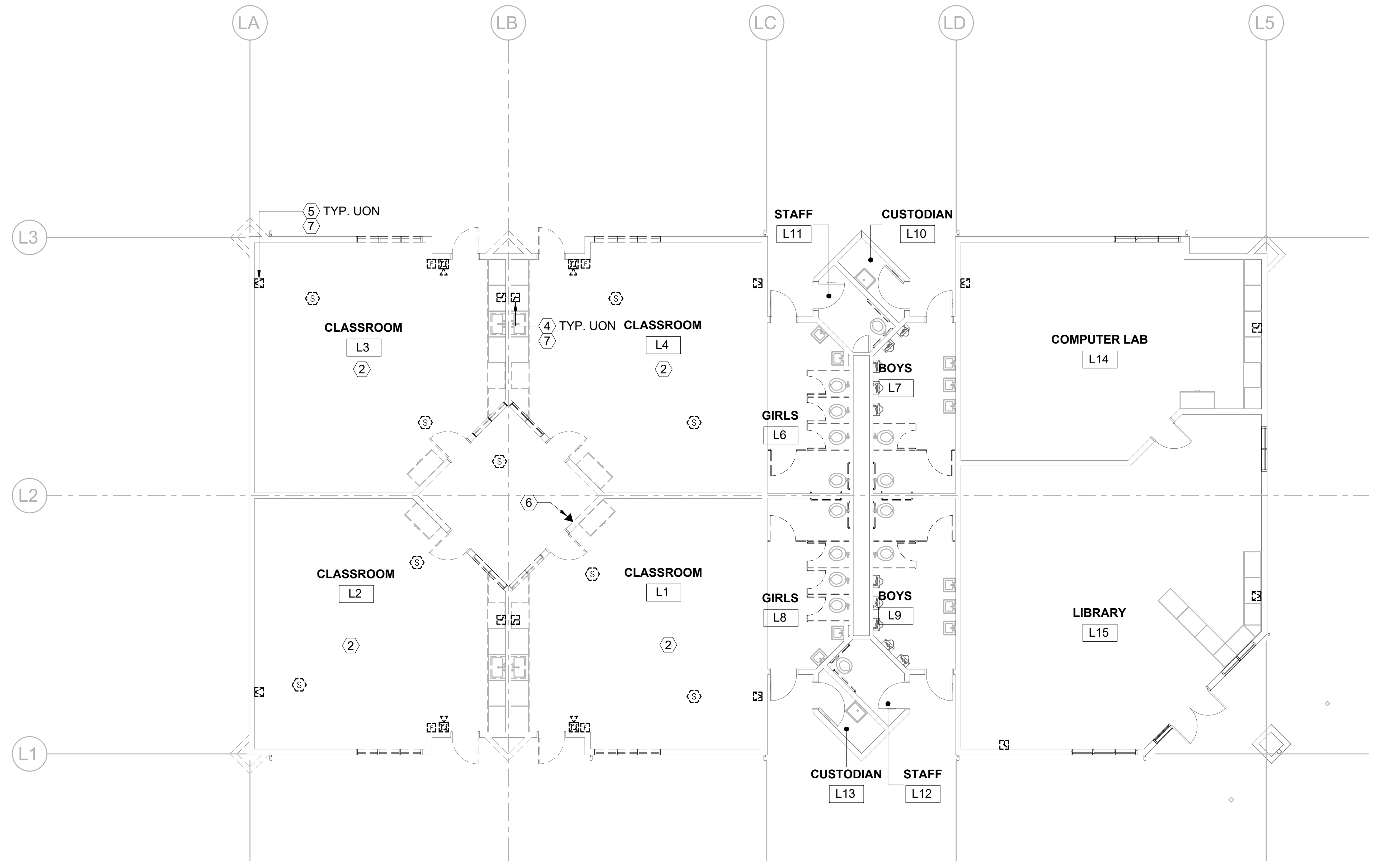
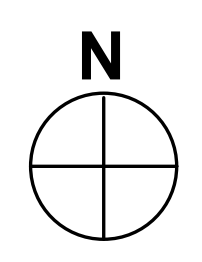
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 02-117268 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/17/2019

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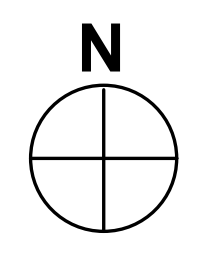
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 387 S. 1st Street, Suite 300
 San Jose, CA 95113
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 fax: (408)-300-5121




1 BUILDING L DEMO FLOOR PLAN - POWER
 SCALE: 1/8" = 1'-0"



2 BUILDING L DEMO FLOOR PLAN - SIGNAL AND FIRE ALARM
 SCALE: 1/8" = 1'-0"

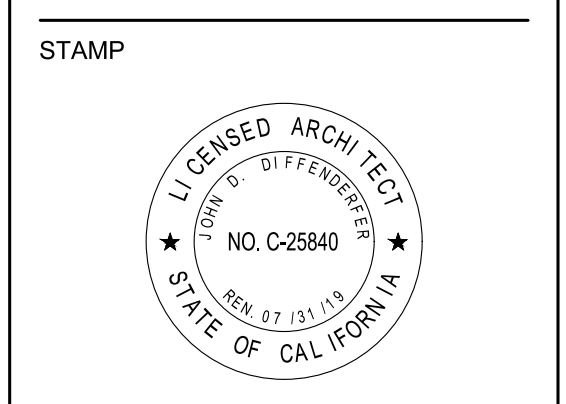


PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
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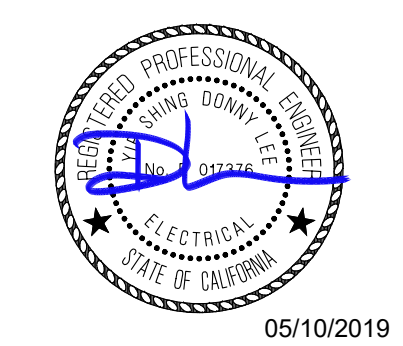
MILESTONES

SD
DD
50% CD
90% CD
DSA SUB
01/11/2019

SHEET
BUILDINGS L DEMOLITION FLOOR PLANS - POWER, SIGNAL AND FIRE ALARM

DATE 11/15/2018
 JOB # 2018045

SHEET # **E2.32**



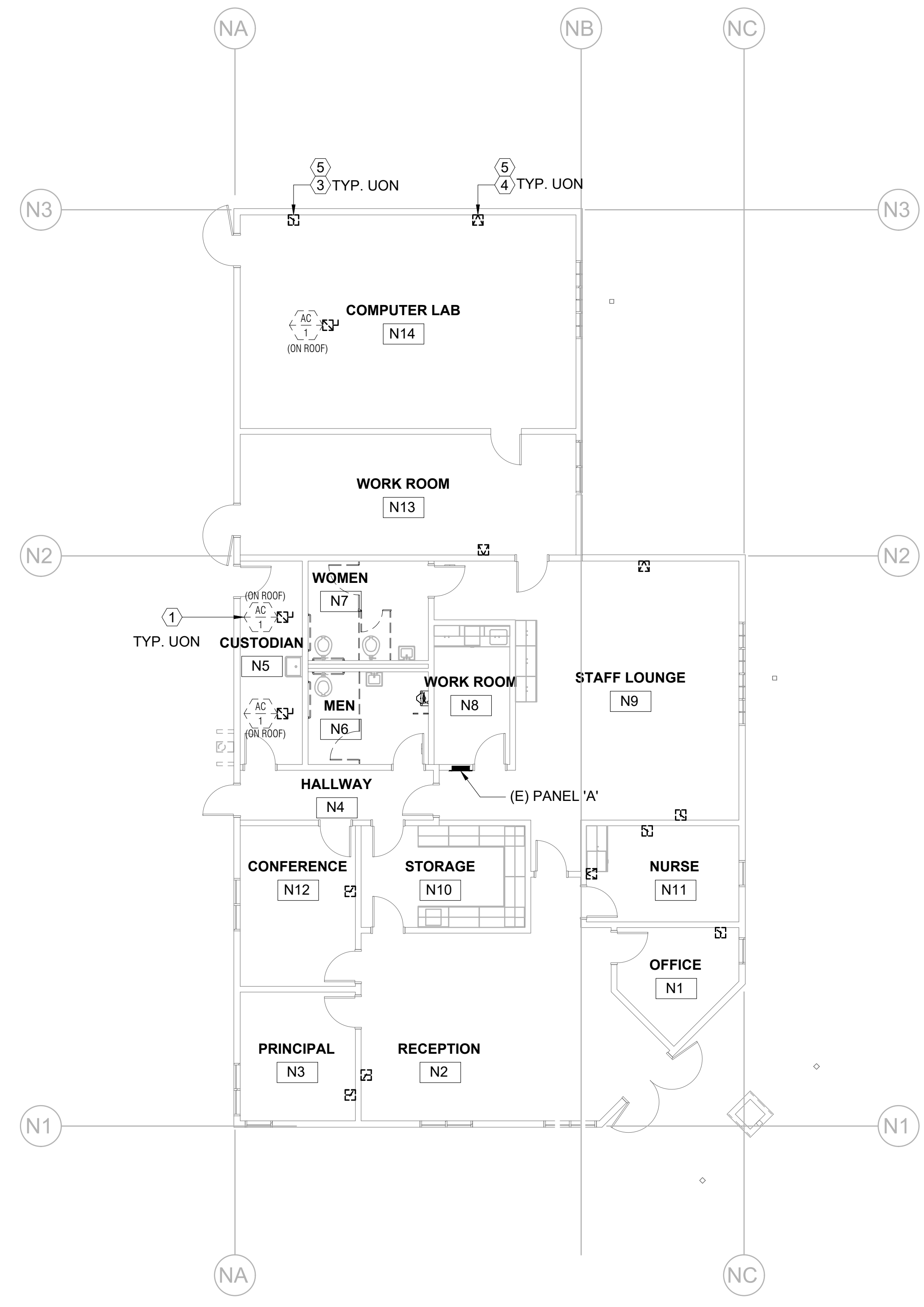
NUMBERED NOTES

- ① DISCONNECT (E) HVAC UNIT. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- ② DISCONNECT AND REMOVE (E) DEVICE. REMOVE RACEWAY AND WIRING BACK TO LAST REMAINING DEVICE.
- ③ DISCONNECT AND REMOVE (E) CLOCK. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- ④ DISCONNECT AND REMOVE (E) SPEAKER. REMOVE RACEWAY AND WIRING BACK TO SOURCE.
- ⑤ PROVIDE (N) BLANK PLATE. PROVIDE CUSTOM METAL PLATES AS NEEDED TO COVER ENTIRE OPENINGS. CUSTOM PLATES SHALL BE 18-GAUGE MINIMUM AND FINISHED WITH (3) COATS OF PAINTS AS DIRECTED BY ARCHITECT.
- ⑥ REMOVE. PULL WIRING BACK TO POINT (REFER TO SITE PLAN) AND PROTECT FOR EXTENSION TO (N) PEDESTAL.
- ⑦ PROTECT. THIS IDF ALSO SERVES GILMORE E.S. COORDINATE CAREFULLY WITH DISTRICT AND UTILITY COMPANY.

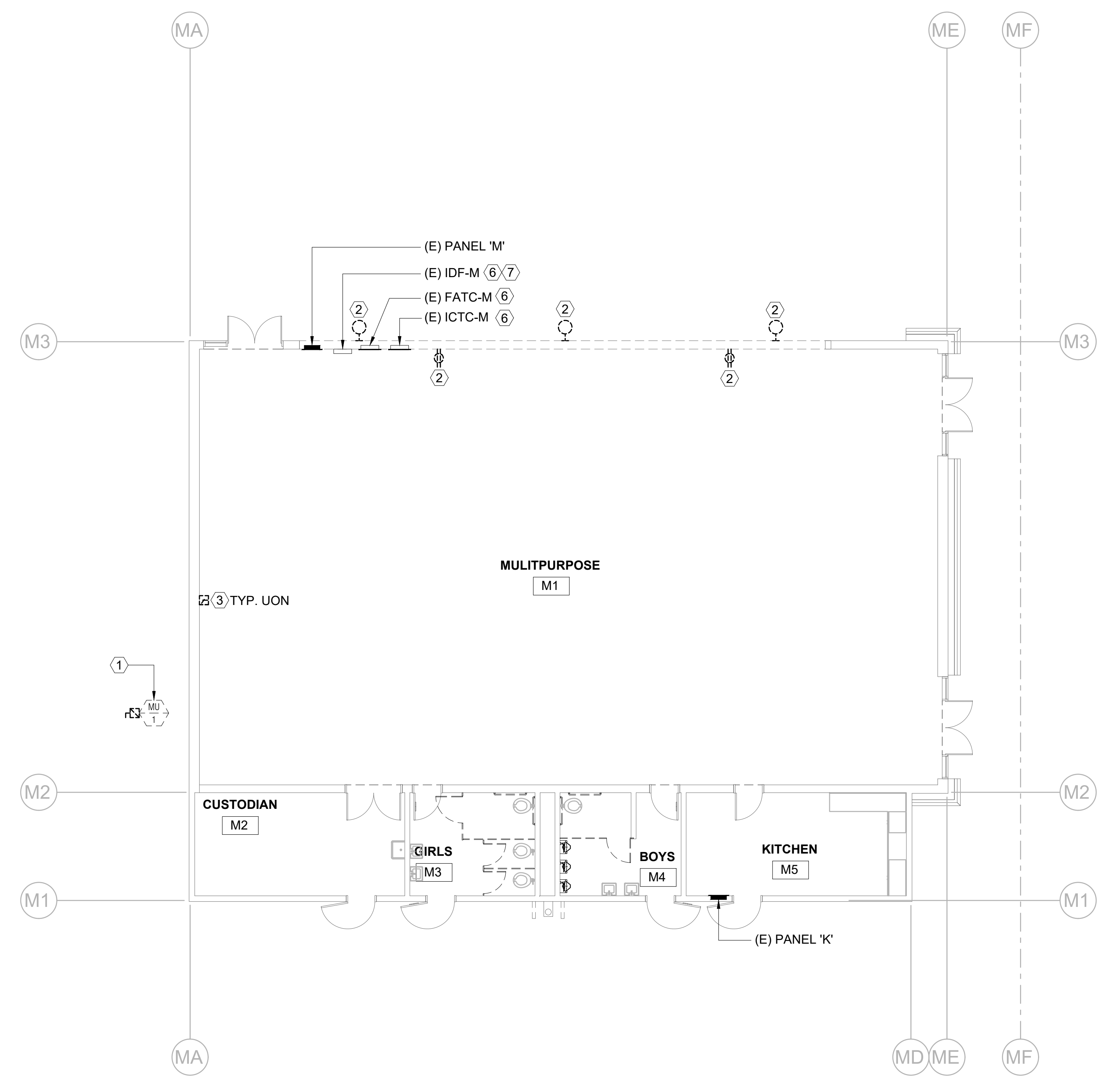
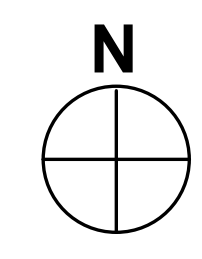
IDENTIFICATION STAMP
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 DATE: 05/17/2019

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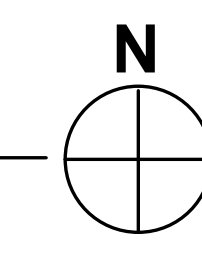
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2 BUILDING N DEMO FLOOR PLAN - ELECTRICAL
 SCALE: 1/8" = 1'-0"



1 BUILDING M DEMO FLOOR PLAN - ELECTRICAL
 SCALE: 1/8" = 1'-0"



PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
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 Fax: (925) 835-1112
 Project Number: E2.41
 Consultant: EDGE

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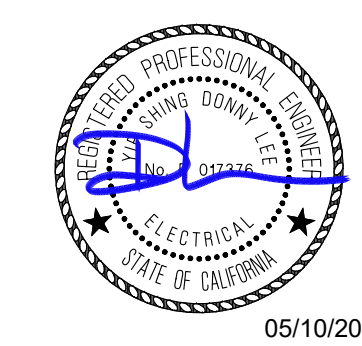
No.	Description
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MILESTONES

SD
DD
50% CD
90% CD
DSA SUB
01/11/2019

BUILDINGS M AND N DEMOLITION FLOOR PLAN - ELECTRICAL

DATE: 11/15/2018
 JOB #: 2018045
 SHEET # **E2.41**



05/10/2019

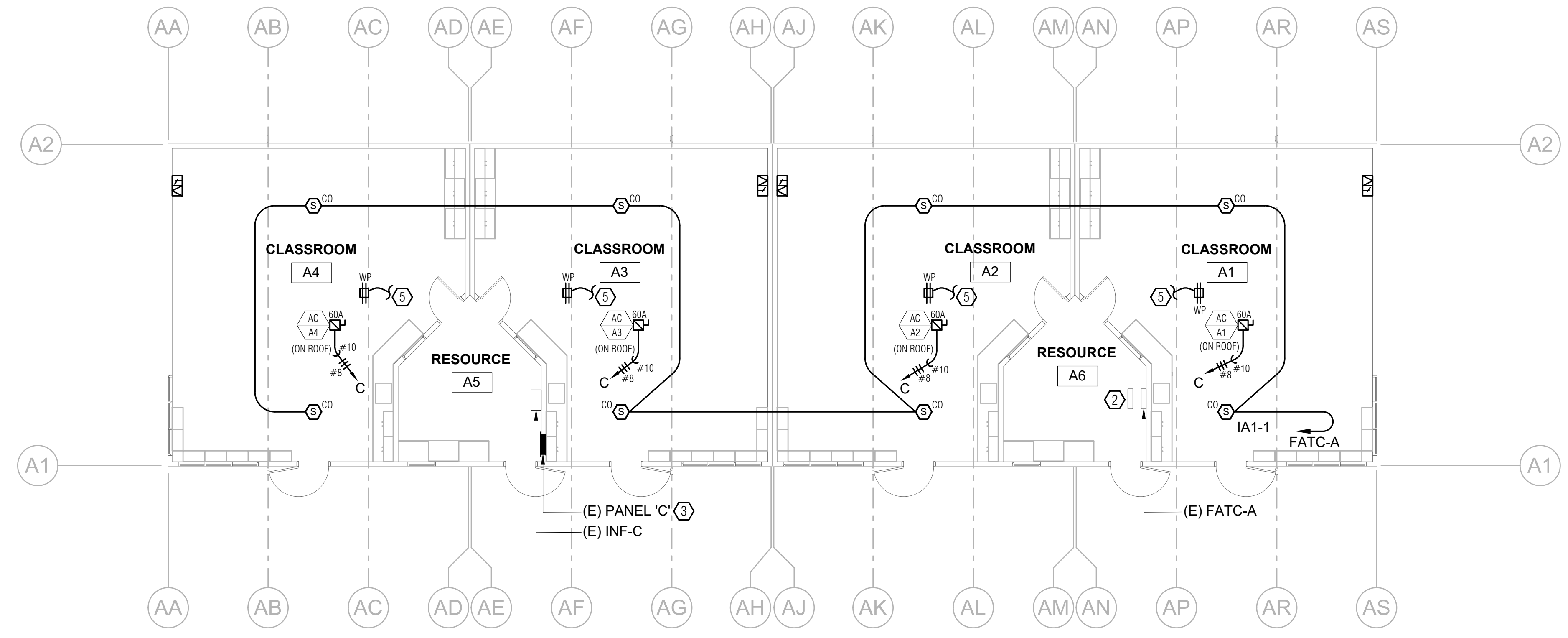
NUMBERED NOTES

- ① PROVIDE 0.75"C (OR WIREMOLD EQUIVALENT WHERE EXPOSED) - 1D TO NEAREST (FIELD VERIFY) IDF. TYPICAL FROM EACH CLOCK/SPEAKER UN.
- ② FA REMOTE POWER SUPPLY MOUNTED ABOVE FATC. PROVIDE 3/4"C-2 #12, 1 #12 "G" TO 120V BUILDING PANEL. PROVIDE (N) 20A/1P BREAKER IN (E) SPACE. AIC OF (N) BREAKER TO MATCH (E).
- ③ REPLACE (4) (E) 35A/3P BREAKERS FOR AC UNITS WITH (4) (N) 40A/3P BREAKERS.
- ④ REPLACE (3) (E) 35A/3P BREAKERS FOR AC UNITS WITH (3) (N) 40A/3P BREAKERS.
- ⑤ CONNECT TO 120V RECEPTACLE CIRCUIT BELOW.

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DATE: 05/17/2019

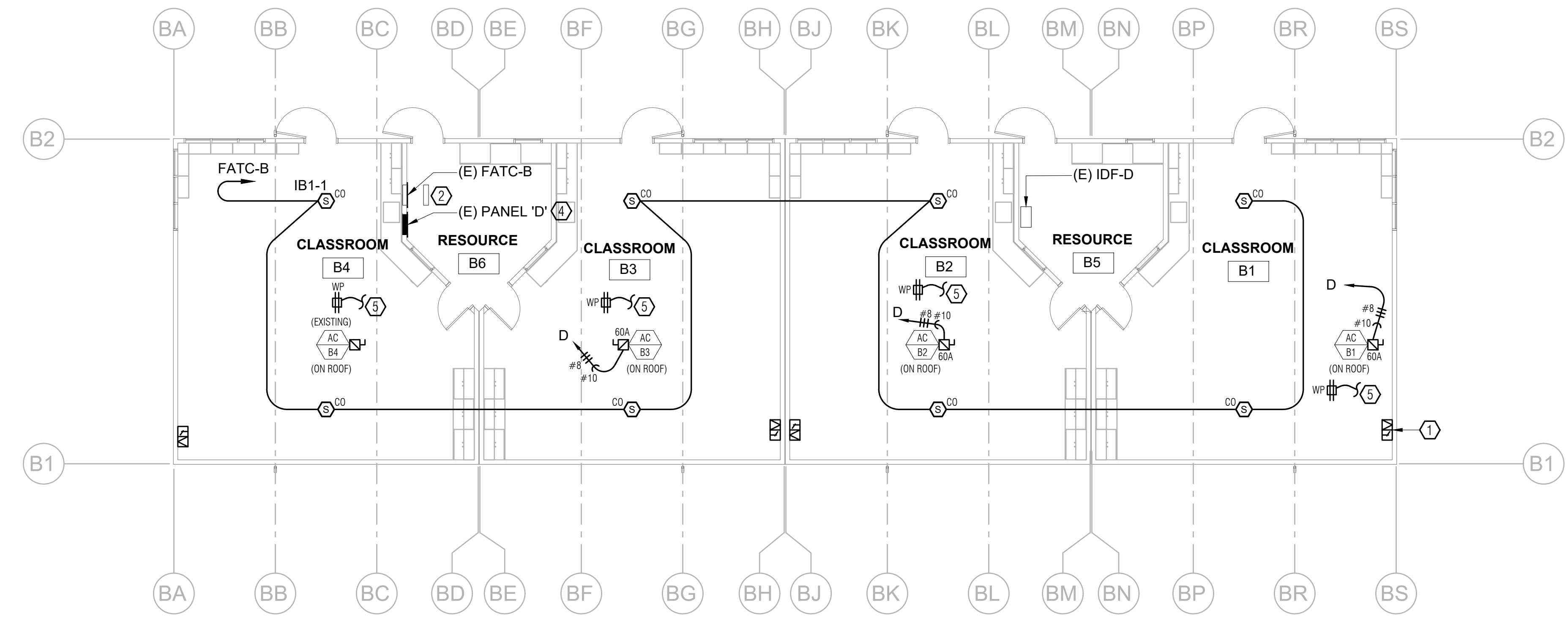
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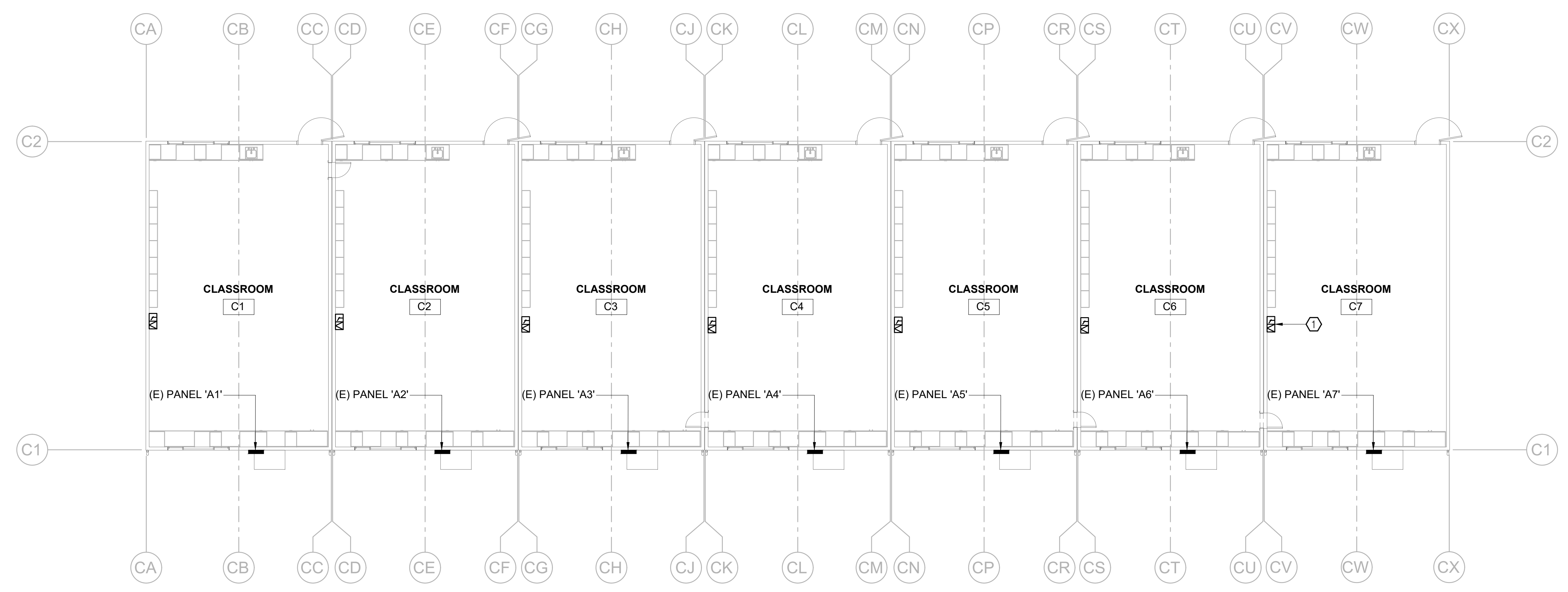
NOTE: COORDINATE LOCATIONS OF ALL LOW VOLTAGE DEVICES (CLOCKS, SPEAKERS, DATA, ETC.) WITH OWNER PRIOR TO ROUGH-IN

1 BUILDING A FLOOR PLAN - ELECTRICAL & FIRE ALARM
SCALE: 1/8" = 1'-0"



NOTE: COORDINATE LOCATIONS OF ALL LOW VOLTAGE DEVICES (CLOCKS, SPEAKERS, DATA, ETC.) WITH OWNER PRIOR TO ROUGH-IN

2 BUILDING B FLOOR PLAN - ELECTRICAL & FIRE ALARM
SCALE: 1/8" = 1'-0"



NOTE: COORDINATE LOCATIONS OF ALL LOW VOLTAGE DEVICES (CLOCKS, SPEAKERS, DATA, ETC.) WITH OWNER PRIOR TO ROUGH-IN

3 BUILDING C FLOOR PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"

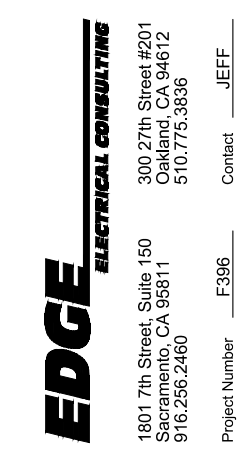
PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT

CONSULTANT



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LICENSED ARCHITECT
NO. C-28840
STATE OF CALIFORNIA

STATE

REVISIONS
No. Description

No.	Description

MILESTONES
SD
DD
50% CD
90% CD
DSA SUB 01/11/2019

SHEET #
BUILDINGS A, B AND C FLOOR PLANS - ELECTRICAL

DATE 11/15/2018
JOB # 2018045

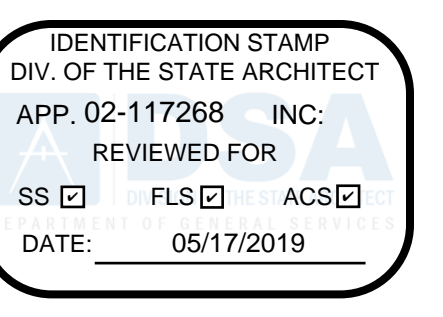
SHEET #
E3.21



05/10/2019

NUMBERED NOTES

- ① PROVIDE 0.75" C (OR WIREMOLD EQUIVALENT WHERE EXPOSED) - 1D TO NEAREST (FIELD VERIFY) IDF. TYPICAL FROM EACH CLOCK/SPEAKER UN.
- ② CONNECT TO (E) 120V RECEPTACLE CIRCUIT.
- ③ CONNECT TO (E) 20A/1P BREAKER LEFT UNUSED DUE TO DEMO WORK.
- ④ CONNECT TO (E) CIRCUIT(S). REFER TO MECHANICAL SCHEDULES (NEW UNIT VOLTAGE, PHASE AND LOAD TO MATCH EXISTING UNIT).



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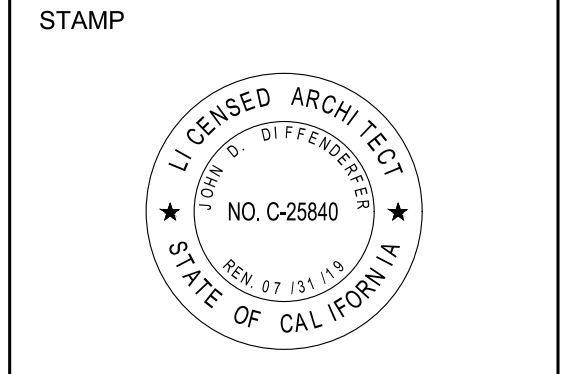
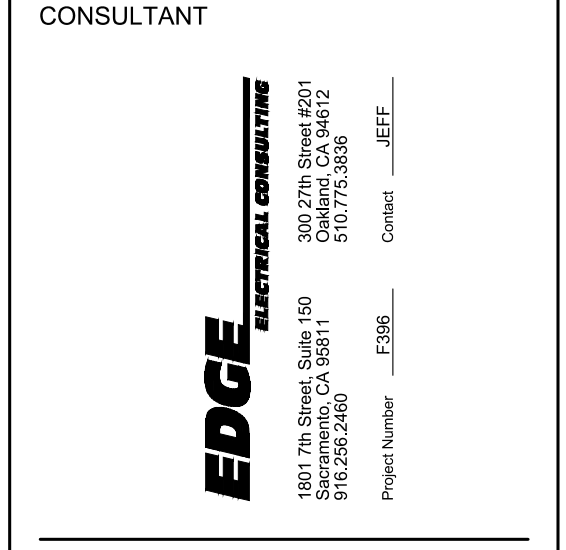
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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019

Grass Valley School District

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REVISIONS

No.	Description
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MILESTONES

- SD
- DD
- 50% CD
- 90% CD
- DSA SUB 01/11/2019

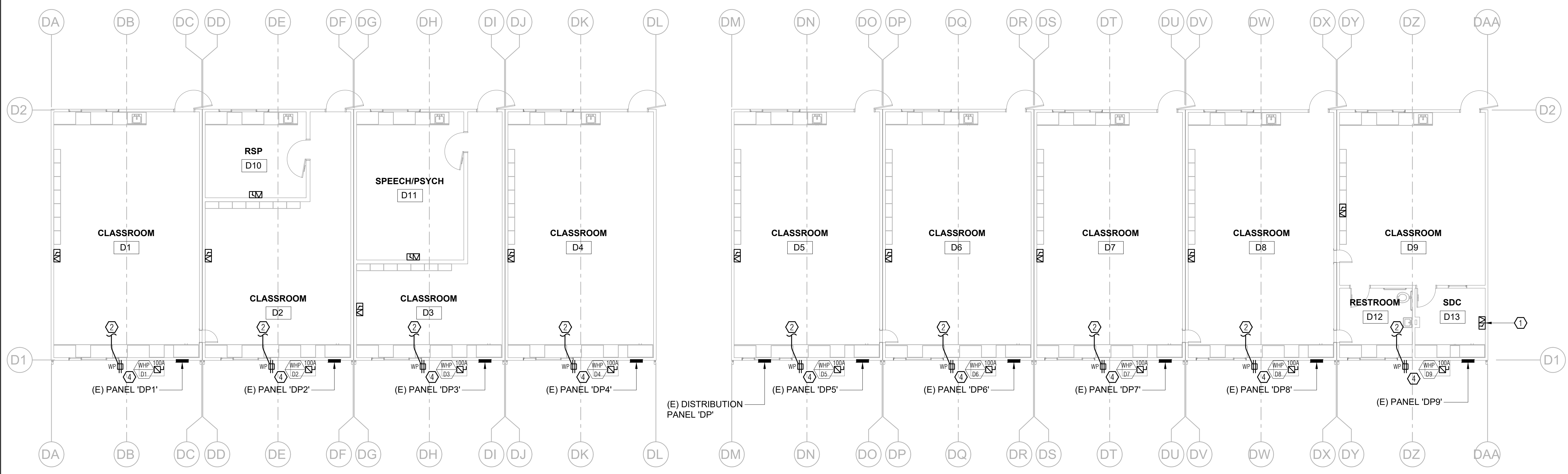
SHEET #

BUILDING D FLOOR PLAN - ELECTRICAL AND BUILDING L FLOOR PLAN - LIGHTING

DATE 11/15/2018

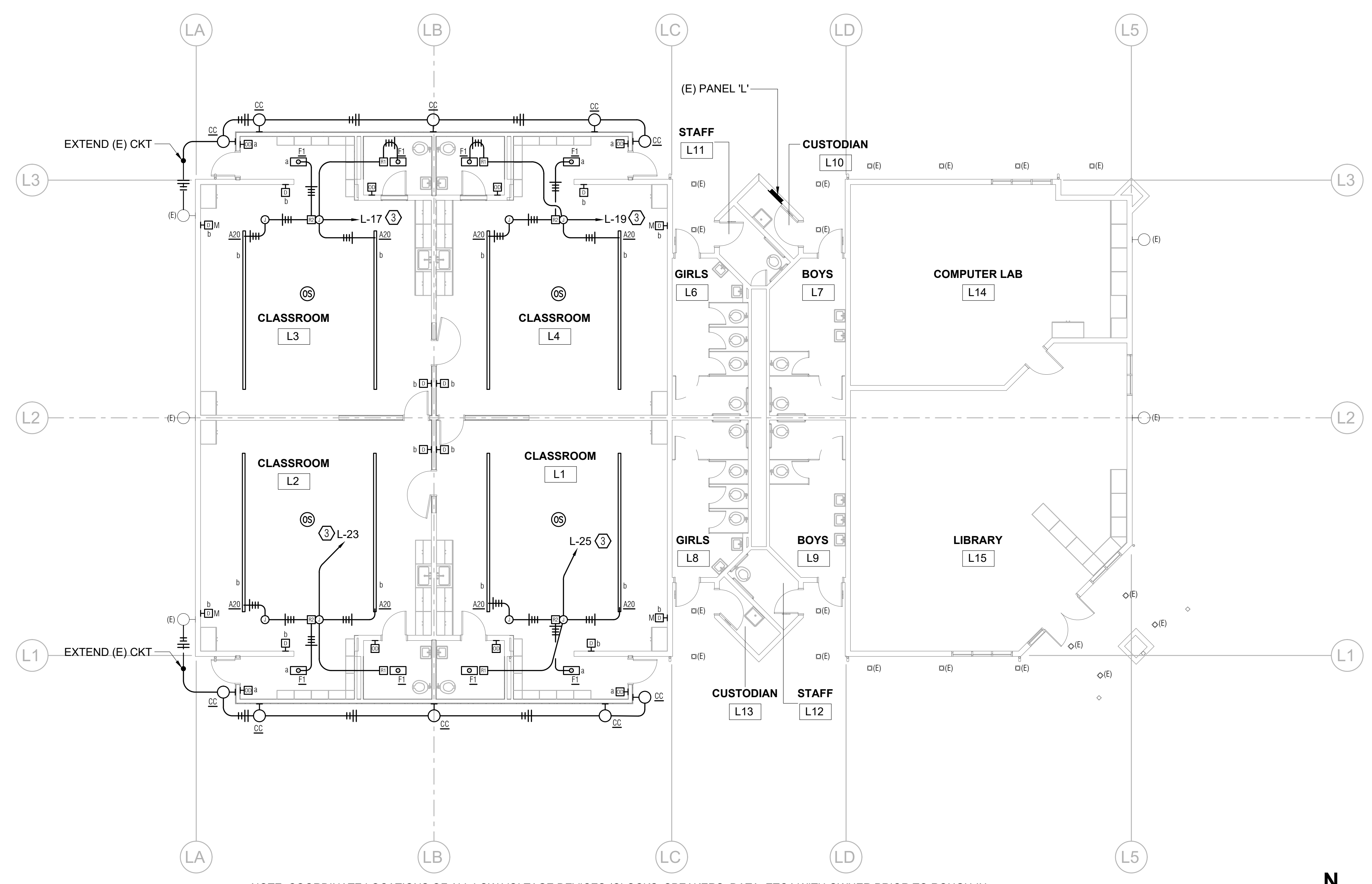
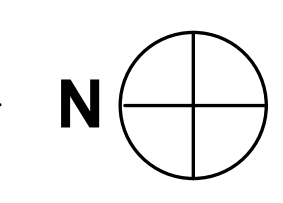
JOB # 2018045

SHEET # **E3.31**



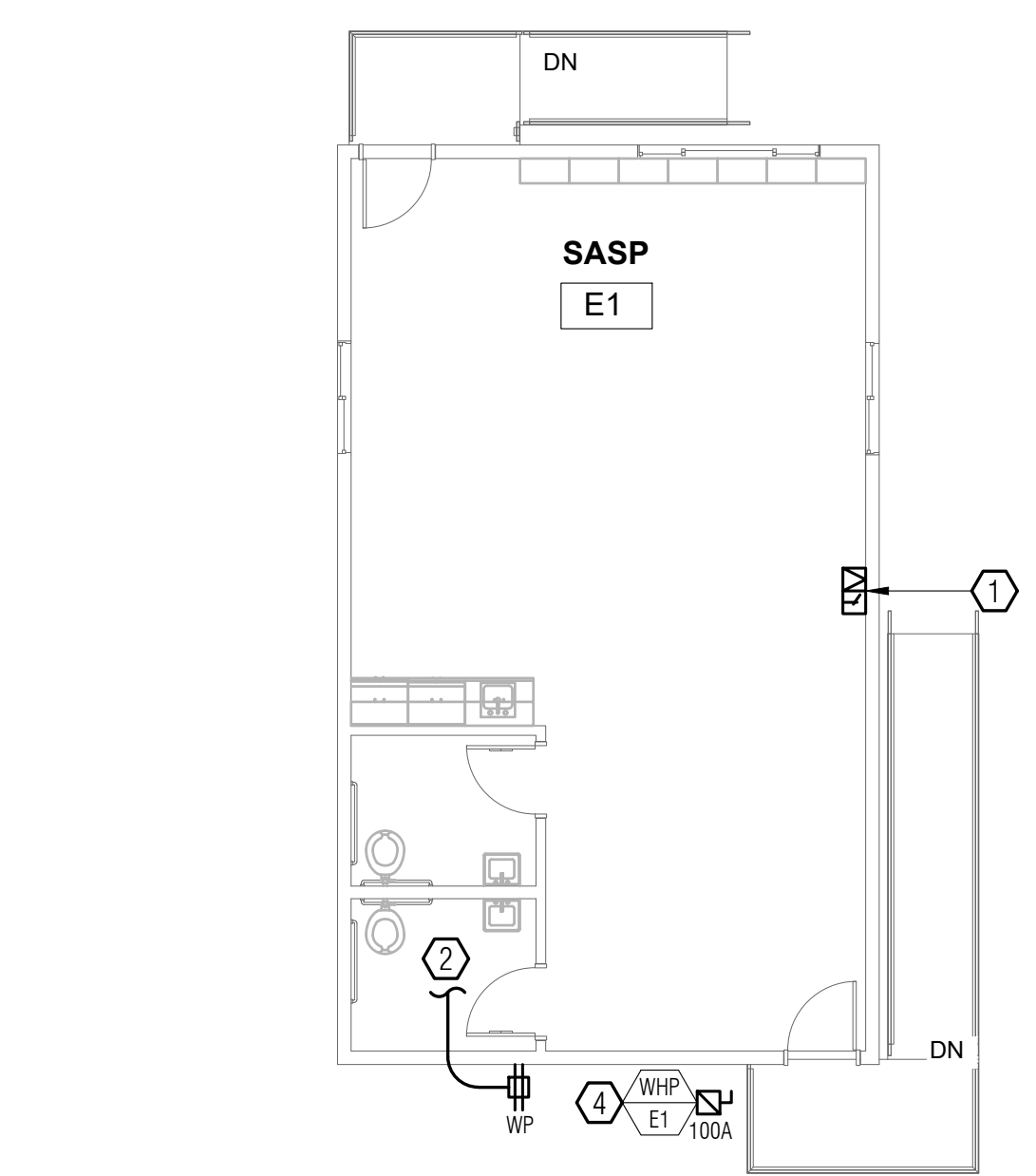
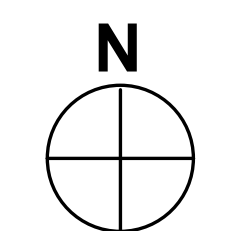
NOTE: COORDINATE LOCATIONS OF ALL LOW VOLTAGE DEVICES (CLOCKS, SPEAKERS, DATA, ETC.) WITH OWNER PRIOR TO ROUGH-IN

1 BUILDING D FLOOR PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"



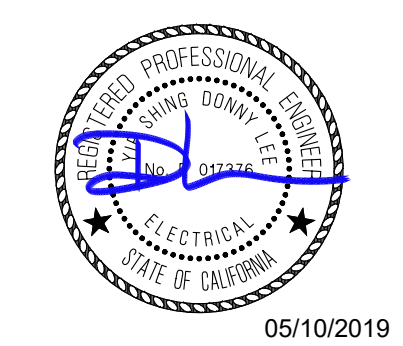
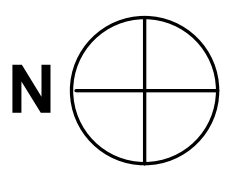
NOTE: COORDINATE LOCATIONS OF ALL LOW VOLTAGE DEVICES (CLOCKS, SPEAKERS, DATA, ETC.) WITH OWNER PRIOR TO ROUGH-IN

3 BUILDING L FLOOR PLAN - LIGHTING
SCALE: 1/8" = 1'-0"



NOTE: COORDINATE LOCATIONS OF ALL LOW VOLTAGE DEVICES (CLOCKS, SPEAKERS, DATA, ETC.) WITH OWNER PRIOR TO ROUGH-IN

2 BUILDING D FLOOR PLAN - ELECTRICAL N



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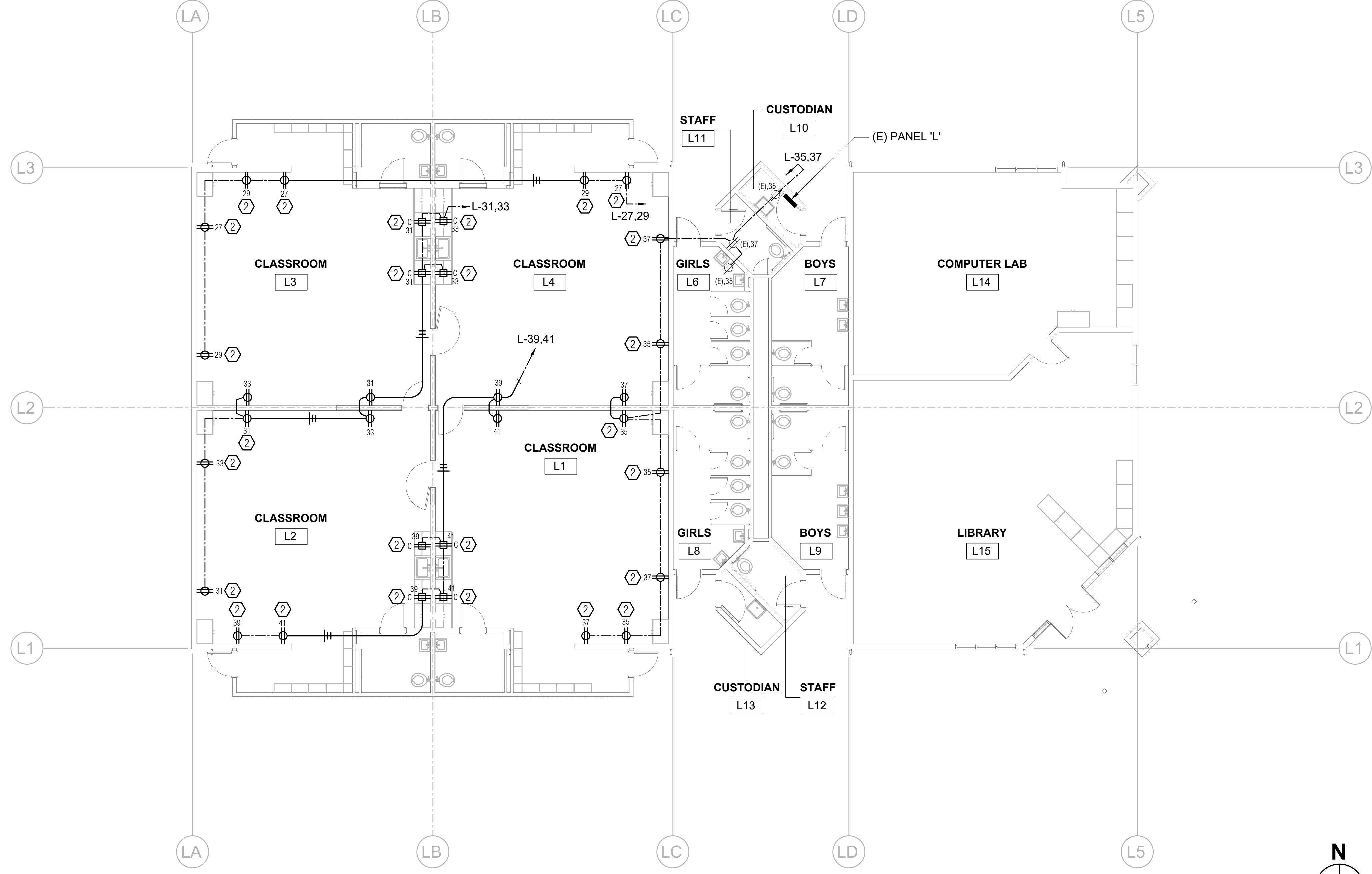
NUMBERED NOTES

- ① PROVIDE 0.75°C (OR WIREMOLD EQUIVALENT WHERE EXPOSED) - 1D TO NEAREST (FIELD VERIFY) IDF. TYPICAL FROM EACH CLOCK/SPEAKER UON.
- ② MOUNT IN (E) BOX. CONNECT TO (E) CIRCUIT.

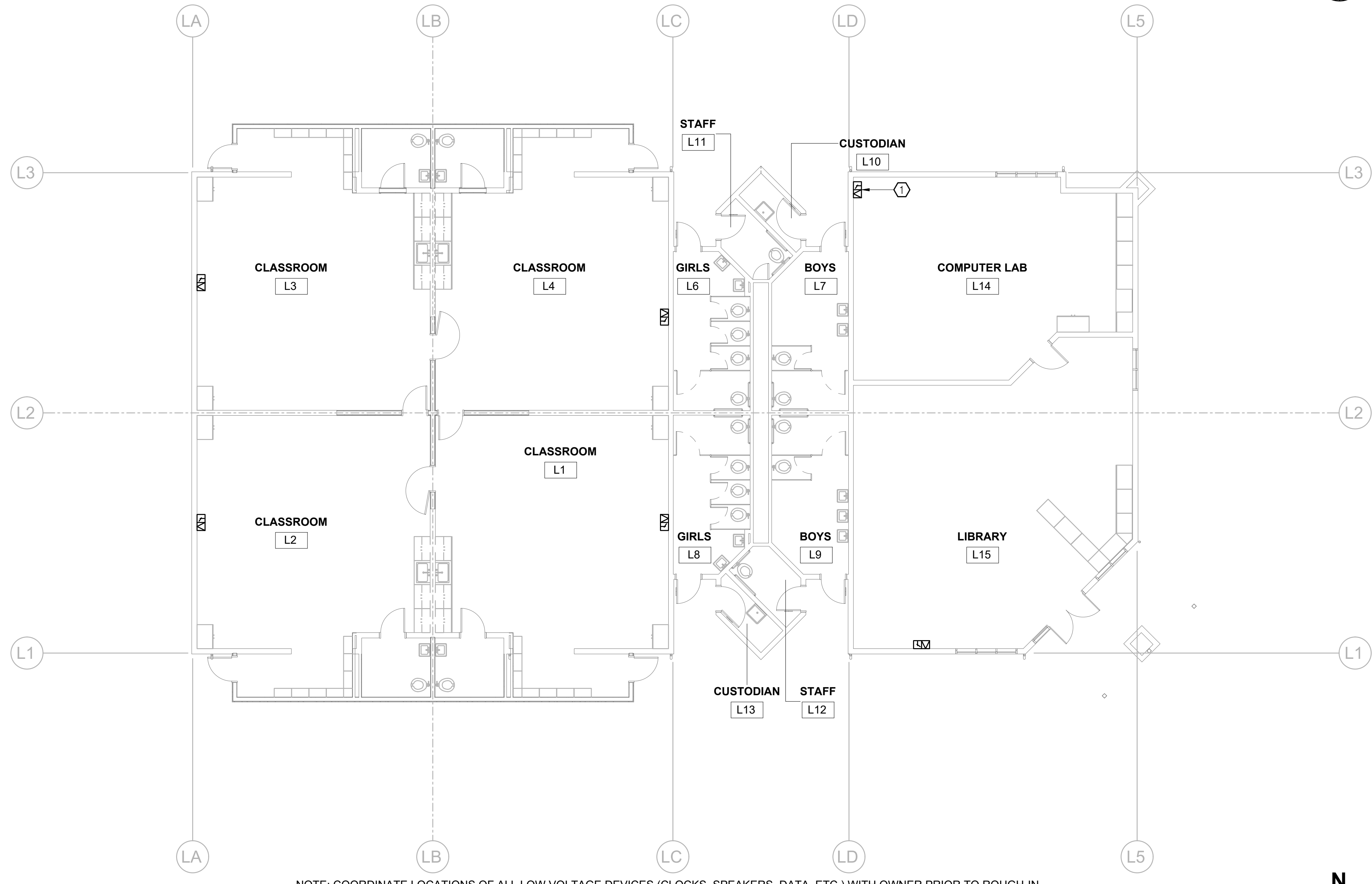
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1 BUILDING L FLOOR PLAN - POWER
 SCALE: 1/8" = 1'-0"



NOTE: COORDINATE LOCATIONS OF ALL LOW VOLTAGE DEVICES (CLOCKS, SPEAKERS, DATA, ETC.) WITH OWNER PRIOR TO ROUGH-IN

2 BUILDING L FLOOR PLAN - SIGNAL
 SCALE: 1/8" = 1'-0"

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT

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 Berkeley, CA 94702
 Project Number: E3.32
 Consultant: E3.32

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REGISTERED ARCHITECT
 NO. C-22840
 STATE OF CALIFORNIA

STATE

REVISIONS

No.	Description
△	

MILESTONES

SD	
DD	
50% CD	
90% CD	
DSA SUB	01/11/2019

SHEET #
BUILDING L FLOOR PLANS - POWER AND SIGNAL

DATE 11/15/2018
 JOB # 2018045

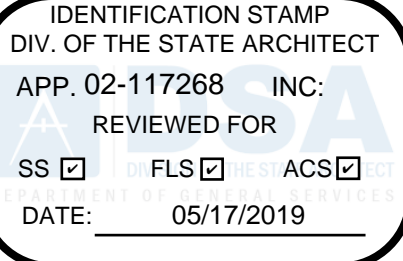
SHEET #
E3.32



05/10/2019

NUMBERED NOTES

- ① 'FCPS-L' AND 'VAB-L': MOUNT WITH TOP AT 3" BELOW CEILING.
- ② LOCATE WITHIN 3'-0" OF PEAK.
- ③ LOCATE WITHIN 3'-0" OF SHED.
- ④ CONNECT TO (E) 60A/2P CIRCUIT. MODIFY AS REQUIRED.
- ⑤ CONNECT TO (E) 120V RECEPTACLE CIRCUIT BELOW.
- ⑥ CONNECT TO (E) 20A/1P BREAKER LEFT UNUSED DUE TO DEMO WORK.



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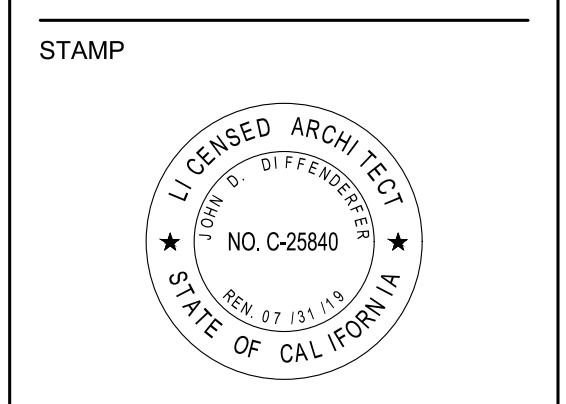
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PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



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Grass Valley, CA 95945
Tel: (530) 223-1111
Fax: (530) 223-1112
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REVISIONS

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△	

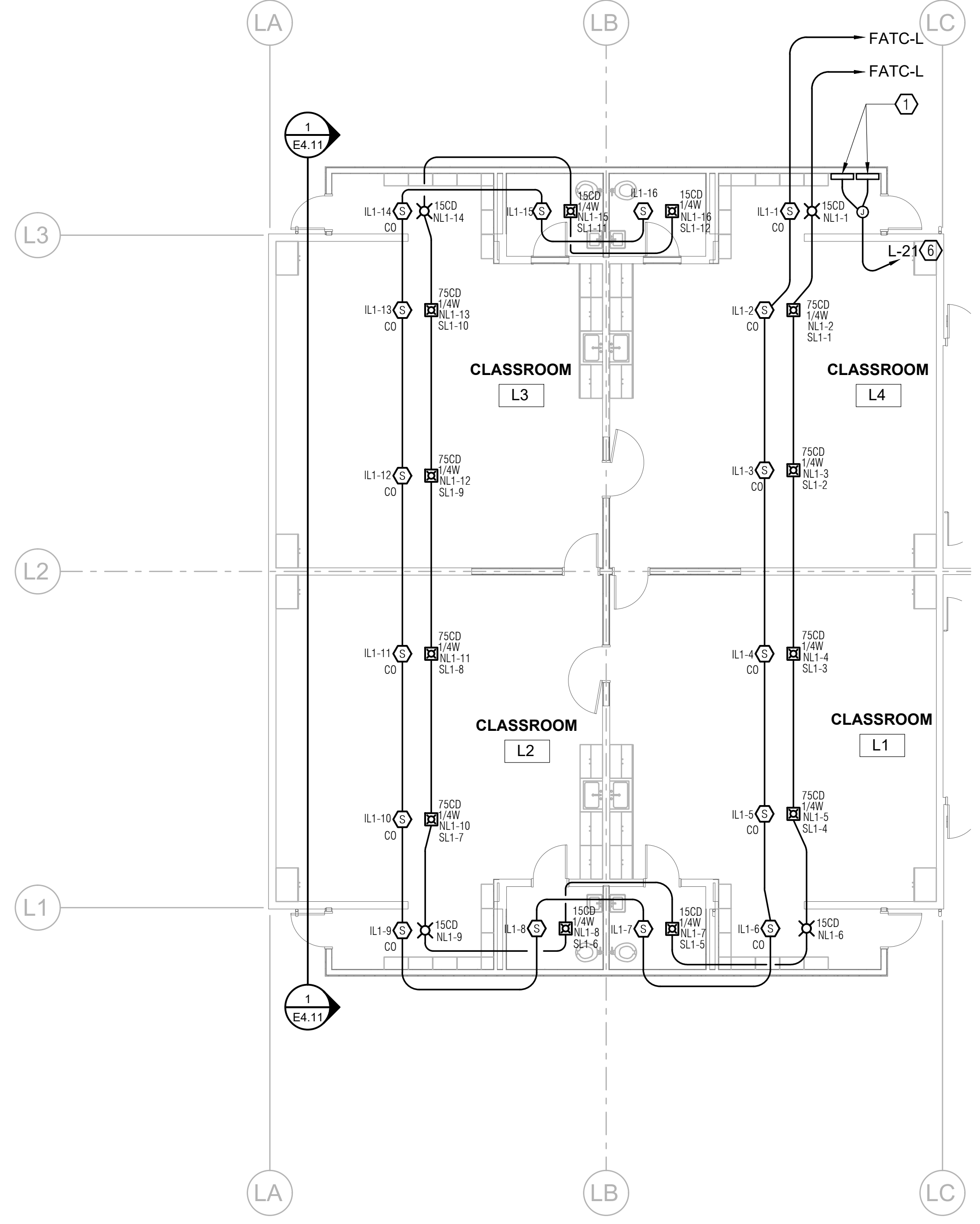
MILESTONES

SD
DD
50% CD
90% CD
DSA SUB
01/11/2019

SHEET #
BUILDING L FLOOR PLANS - FIRE ALARM AND ROOF PLAN - ELECTRICAL

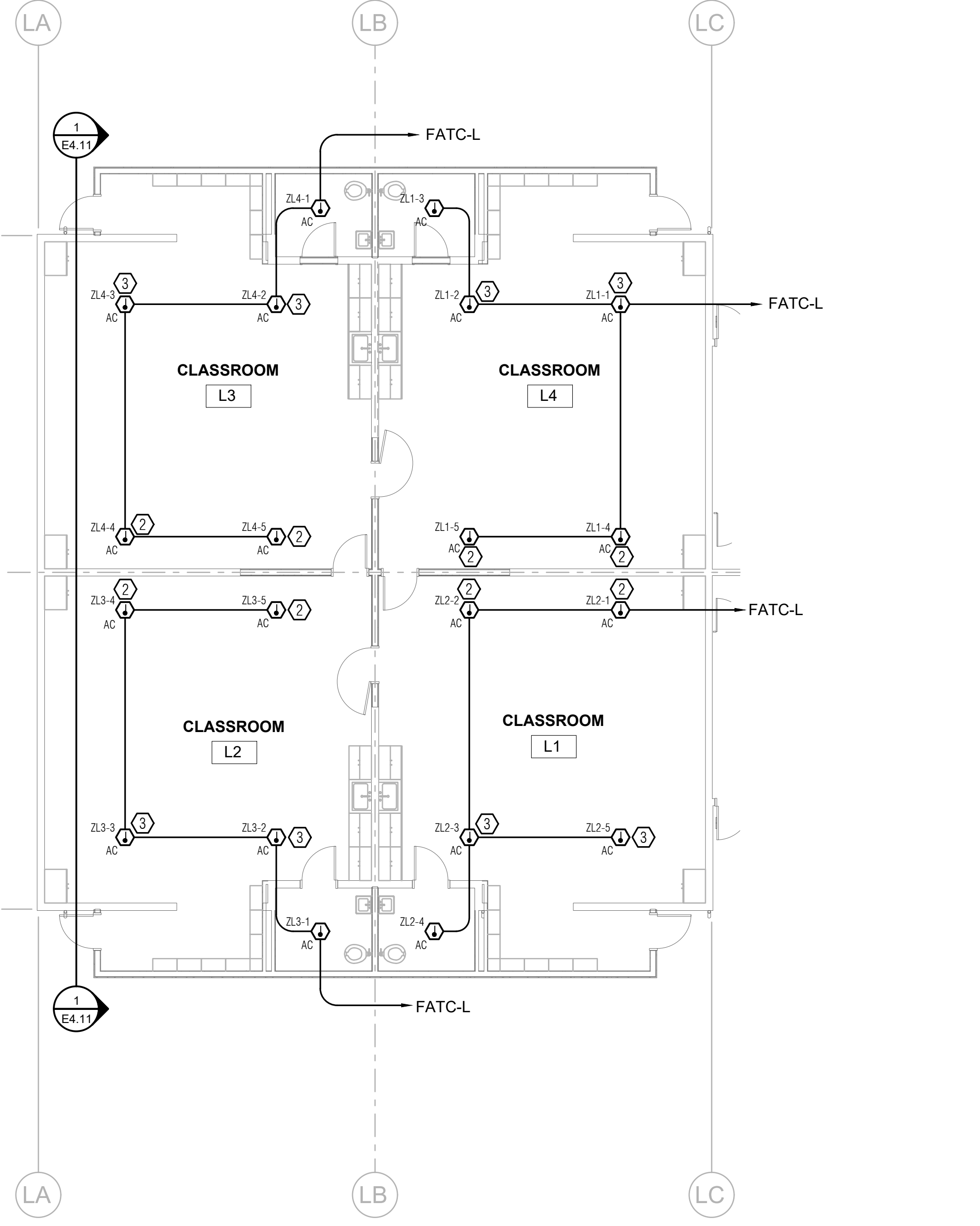
DATE 11/15/2018
JOB # 2018045

SHEET #
E3.33



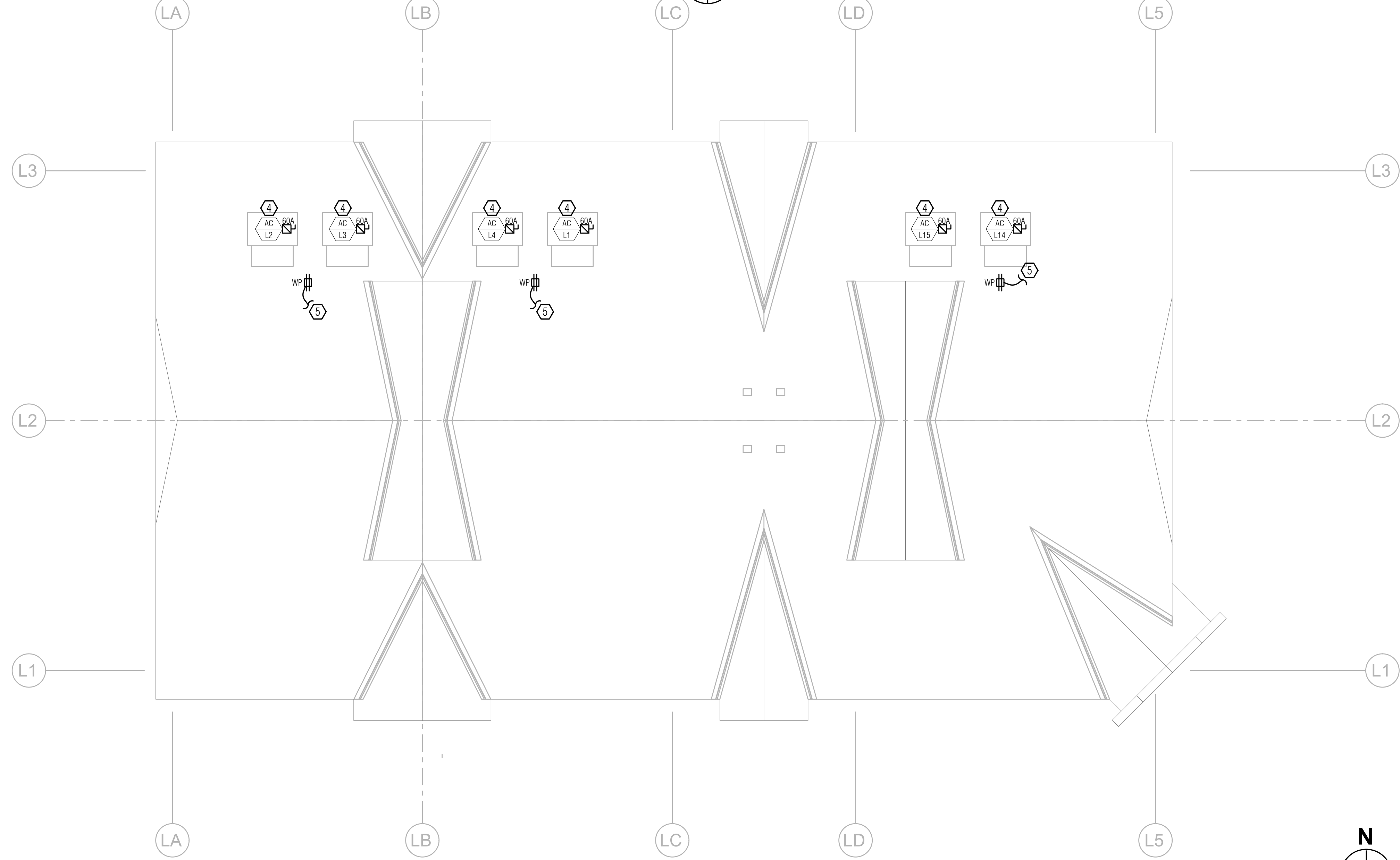
NOTES : 1. REFER TO ARCHITECTURAL PLANS FOR CEILING HEIGHT AND CONSTRUCTION.
2. LOCATIONS OF ABOVE CEILING DETECTORS ARE BASED ON AVAILABLE RECORD DRAWINGS AND CASUAL FIELD OBSERVANCE. ACTUAL LOCATIONS SHALL BE FIELD COORDINATED TO PROVIDE TOTAL (COMPLETE) COVERAGE IN ACCORDANCE WITH 2016 NFPA 72 CHAPTER 17, SPECIFICALLY, PARAGRAPHS 17.5.3.1 AND 17.6.3. PROVIDE ADDITIONAL DETECTORS WHERE (E) CONDITIONS REQUIRE.

1 BUILDING L PARTIAL FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

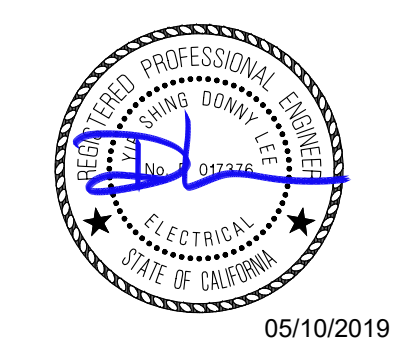


NOTES : 1. REFER TO ARCHITECTURAL PLANS FOR CEILING HEIGHT AND CONSTRUCTION.
2. LOCATIONS OF ABOVE CEILING DETECTORS ARE BASED ON AVAILABLE RECORD DRAWINGS AND CASUAL FIELD OBSERVANCE. ACTUAL LOCATIONS SHALL BE FIELD COORDINATED TO PROVIDE TOTAL (COMPLETE) COVERAGE IN ACCORDANCE WITH 2016 NFPA 72 CHAPTER 17, SPECIFICALLY, PARAGRAPHS 17.5.3.1 AND 17.6.3. PROVIDE ADDITIONAL DETECTORS WHERE (E) CONDITIONS REQUIRE.

2 BUILDING L PARTIAL FLOOR PLAN - ABOVE CEILING HEAT DETECTORS
SCALE: 1/8" = 1'-0"



3 BUILDING L ROOF PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"



05/10/2019

NUMBERED NOTES

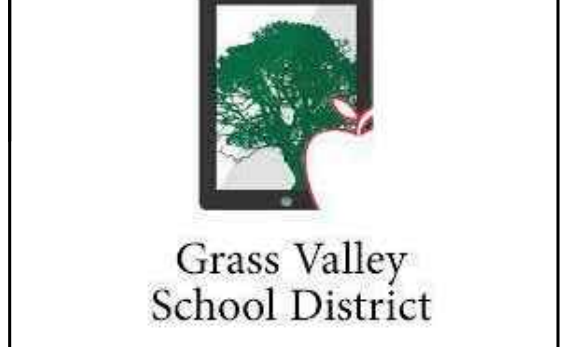
- ① PROVIDE 0.75" C - 2 #12, 1 #12G TO 'FACP2' AND CONNECT TO (E) 120 CKT. PROVIDE 0.75" C - 2D TO 'FACP2' AND CONNECT TO (E) PHONE LINES. CONNECT FACP1 AND FACP2 SUCH THAT WHEN ONE GOES INTO ALARM, IT TRIGGERS THE OTHER AND VICE VERSA.
- ② 'FAPS-M' MOUNTED ABOVE 'VAB-M'.
- ③ 'STC-M' BLINE #24241ORHC WITH T-LOCK HANDLE AND 0.75" PLYWOOD BACKBOARD. PAINT BACKBOARD WITH (2) COATS OF WHITE ENAMEL PAINT. DRILL BACKBOARD TO FIT OVER COLLAR STUBS AND SECURE WITH BOLTS AND FLATWASHERS.
- ④ PROVIDE 0.75" C (OR WIREMOLD EQUIVALENT WHERE EXPOSED) - 1D TO NEAREST (FIELD VERIFY) IDF. TYPICAL FROM EACH CLOCK/SPEAKER UN.
- ⑤ LOCATE FOR AND CONNECT WON DOOR VIA WON DOOR CONTROL PANEL.
- ⑥ MULTIPURPOSE ROOM SOUND SYSTEM SPEAKER.
- ⑦ PROVIDE RACK MOUNTED ASSISTED LISTENING SYSTEM. SEE 7/E5.01 FOR MOUNTING DETAIL.
- ⑧ 0.75" C - 1D TO BUILDING IDF.
- ⑨ AUX A AND AUX B INPUTS.
- ⑩ AUX WALL MOUNT CONTROL.
- ⑪ AUX C AND AUX D INPUTS.
- ⑫ LOCATE HIGH ON WALL FOR FUTURE PROJECTOR. VERIFY LOCATION WITH OWNER.
- ⑬ (2) 1 1/4" MT
- ⑭ LOCATE FOR FUTURE PROJECTOR CONTROLS. VERIFY LOCATION WITH OWNER.
- ⑮ DMX STATION.
- ⑯ CONNECT TO (E) CIRCUIT (60A/2P). MODIFY AS REQUIRED.
- ⑰ CONNECT TO (E) CIRCUIT (70A/2P). MODIFY AS REQUIRED.
- ⑱ REMOVE (E) 60A/2P BREAKER FOR AC-N3. PROVIDE (N) 70A/2P BREAKER IN ITS PLACE.
- ⑲ INTERCEPT (E) CIRCUIT AND EXTEND TO POWER EXHAUST.
- ⑳ (N) LOCATION OF (E) IDF. EXTEND (E) RACEWAY AND WIRING.
- ㉑ EXTEND (E) FIRE ALARM CIRCUITS AS SHOWN.
- ㉒ 1.5" C - 3 #1/0, 1 #6 'G'.
- ㉓ LOCATE FOR AND CONNECT ACCORDIAN FIRE PARTITION. CONNECT ALL PROVIDED ACCESSORIES SUCH AS CONTROL SWITCHES, LCD DISPLAY, LIMIT SWITCHES, AUX. MODULES, AND REMOTE MONITORING.
- ㉔ LOCATE INSIDE SOUND SYSTEM RACK. 'SSR'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 02-117268 INC.
REVIEWED FOR
SS FLS ACS
DATE: 05/17/2019

aedis
architects

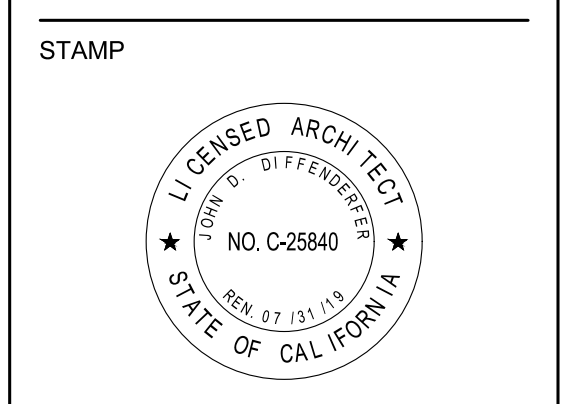
www.aedisarchitects.com
387 S. 1st Street, Suite 300
San Jose, CA 95113
tel: (408)-300-5160
fax: (408)-300-5121

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



GRASS VALLEY SCHOOL DISTRICT

CONSULTANT
EDGE CONSULTING
ARCHITECTURAL CONSULTING
1000 The Woodlands, Suite 100
Bakersfield, CA 93311
Phone: (805) 833-1111
Fax: (805) 833-1112
www.edge-consulting.com



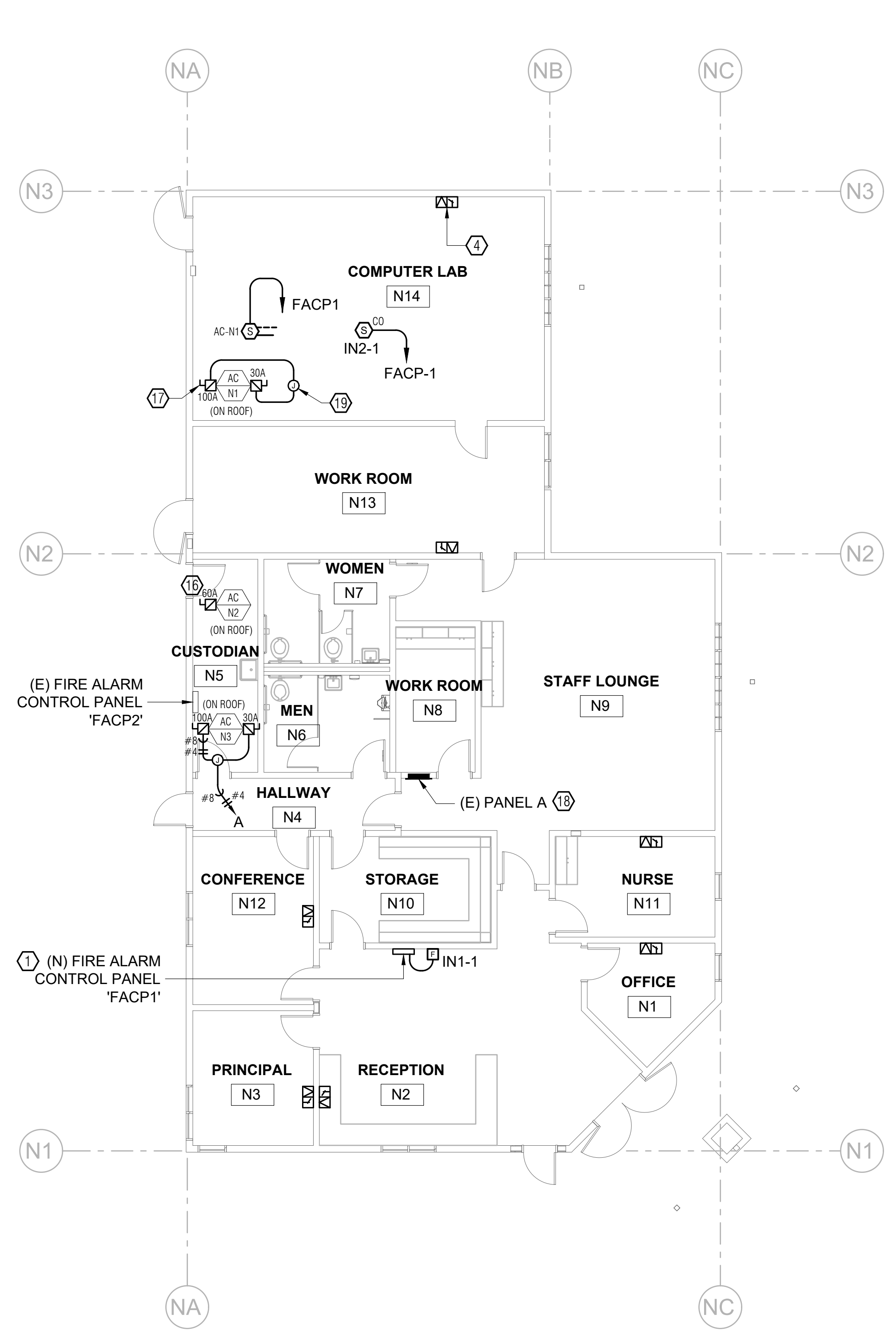
STATE

REVISIONS
No. Description
△

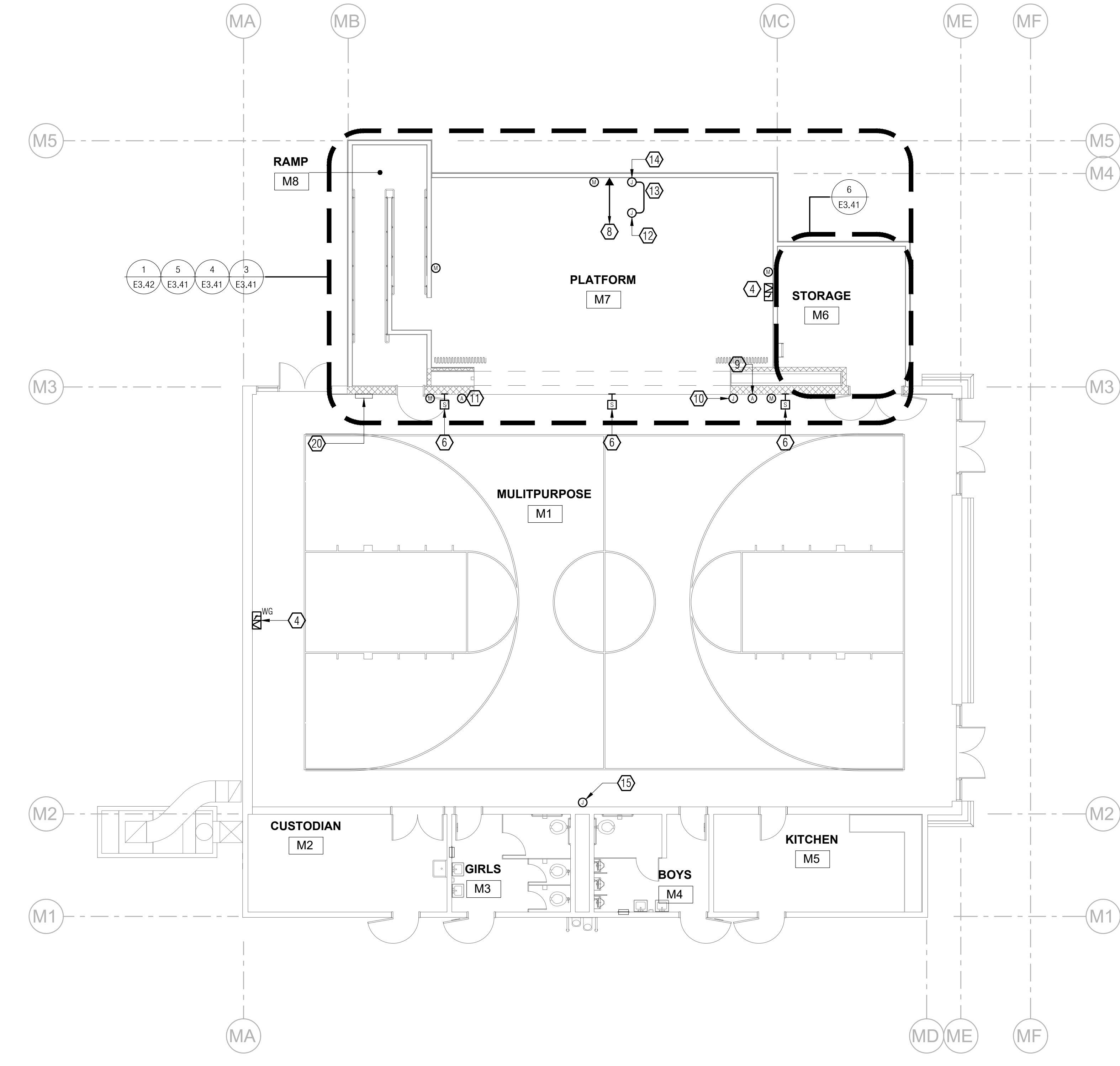
MILESTONES
SD
DD
50% CD
90% CD
DSA SUB 01/11/2019

SHEET
BUILDING N AND M FLOOR PLAN - ELECTRICAL

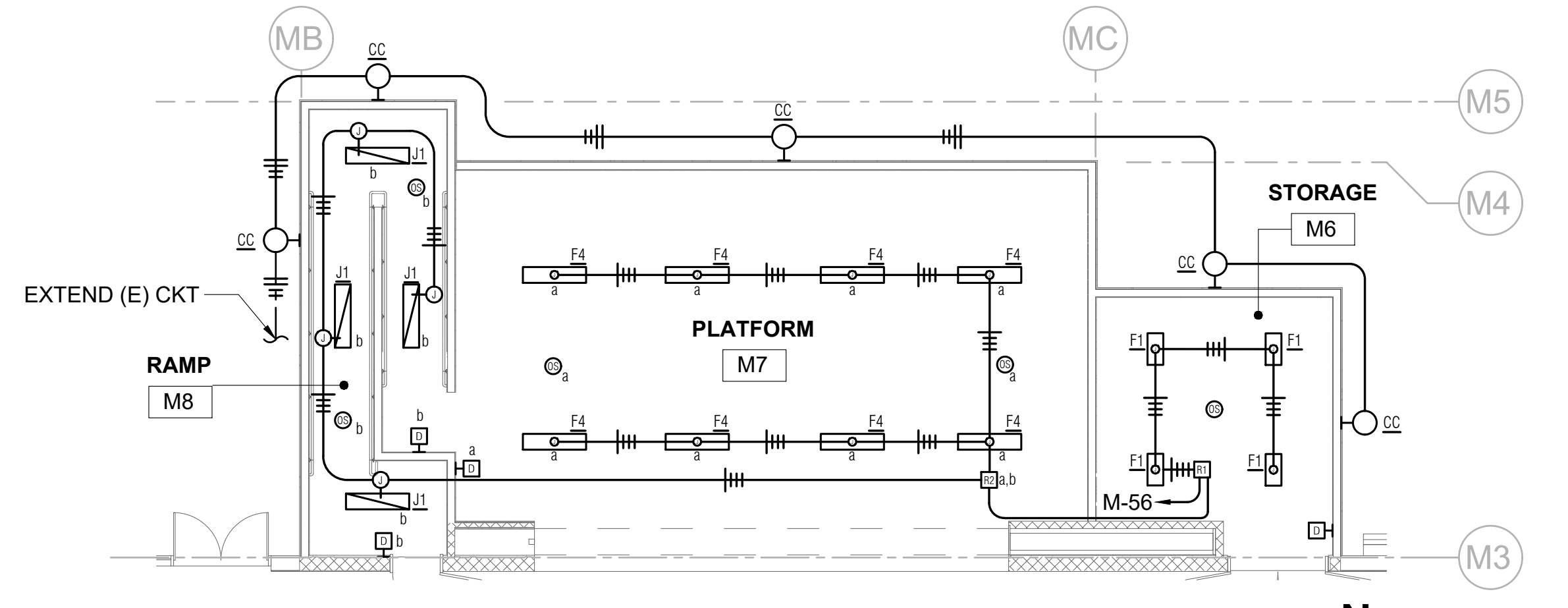
DATE 11/15/2018
JOB # 2018045
SHEET # **E3.41**



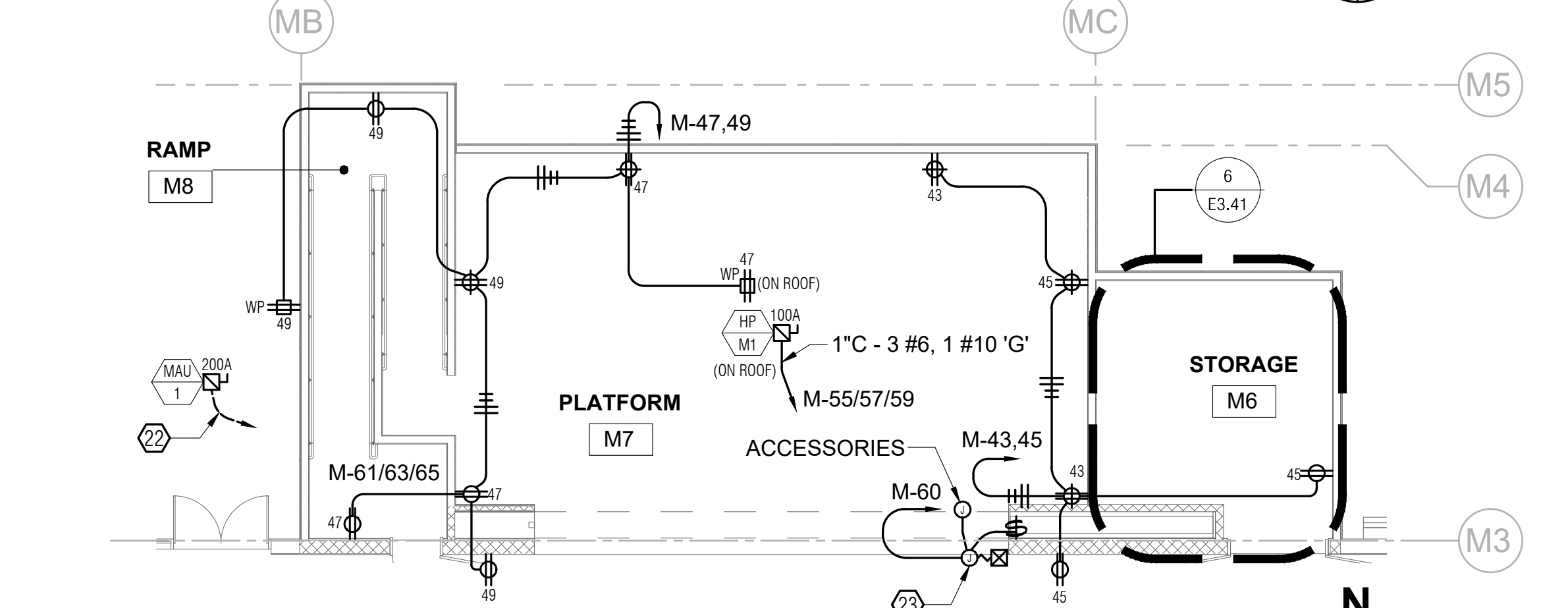
2 BUILDING N FLOOR PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"



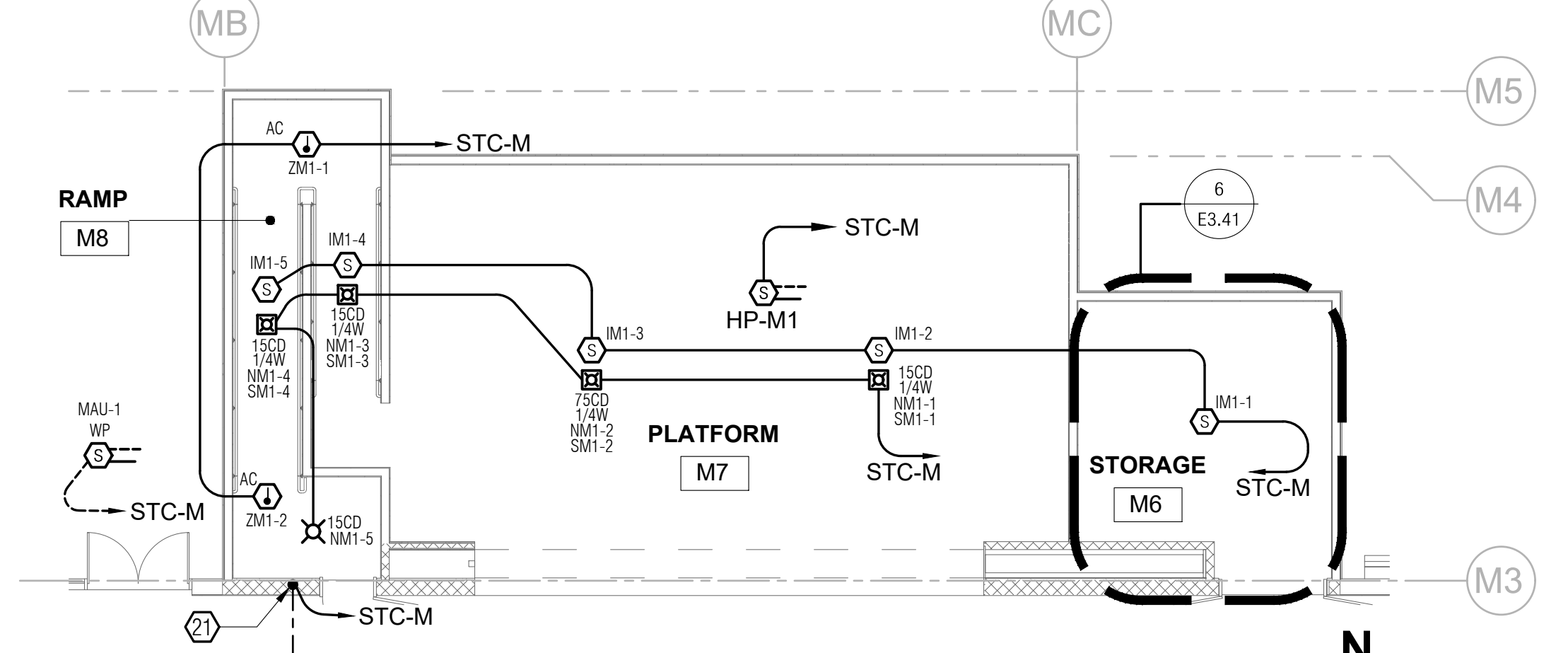
1 BUILDING M FLOOR PLAN - SIGNAL
SCALE: 1/8" = 1'-0"



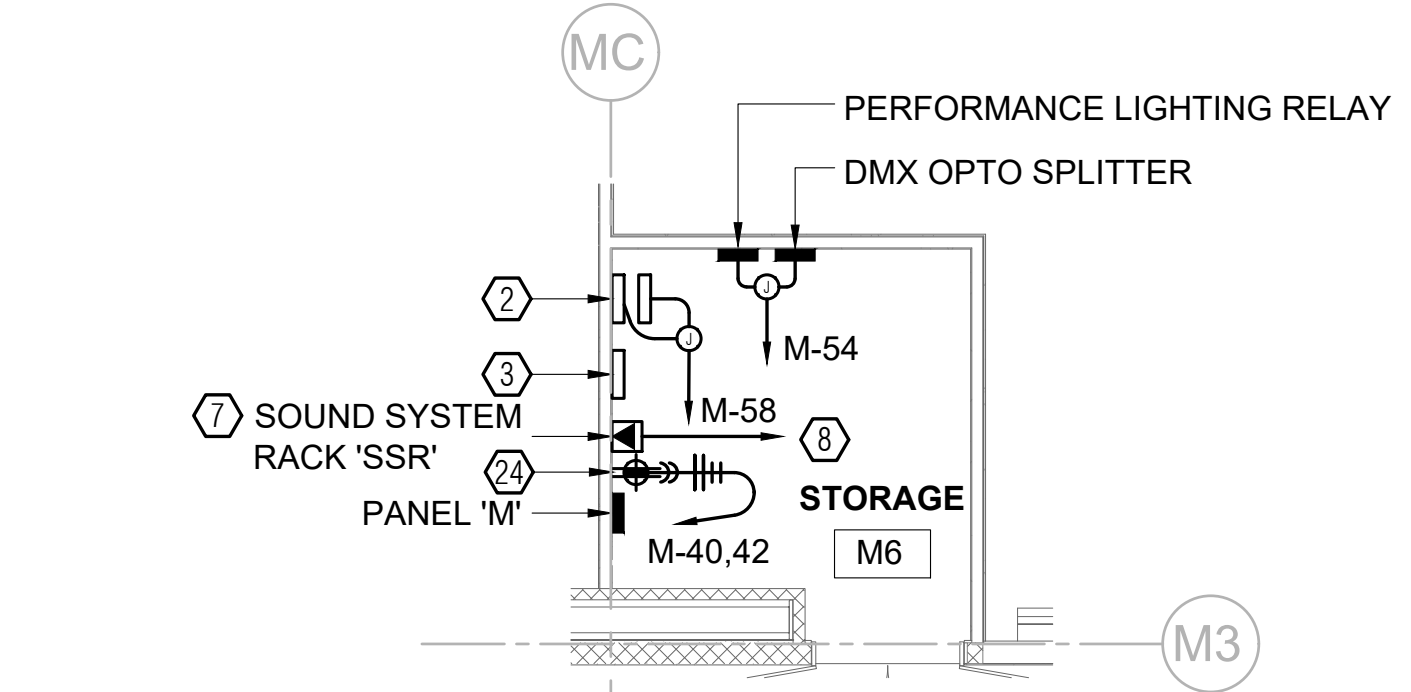
3 BUILDING M PARTIAL FLOOR PLAN - LIGHTING
SCALE: 1/8" = 1'-0"



4 BUILDING M PARTIAL FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"



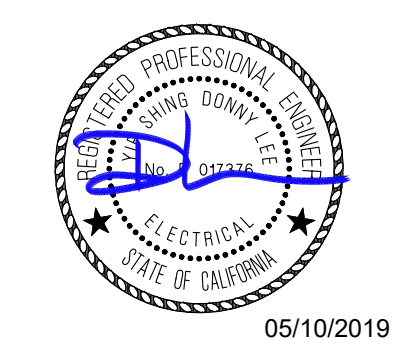
5 BUILDING M PARTIAL FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



6 BUILDING M PARTIAL FLOOR PLAN - ELEC EQUIP.
SCALE: 1/8" = 1'-0"

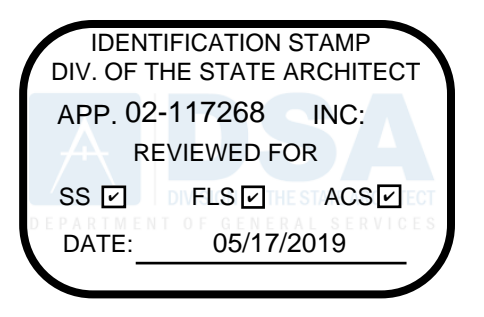
NOTE: COORDINATE LOCATIONS OF ALL LOW VOLTAGE DEVICES (CLOCKS, SPEAKERS, DATA, ETC.) WITH OWNER PRIOR TO ROUGH-IN

NOTE: COORDINATE LOCATIONS OF ALL LOW VOLTAGE DEVICES (CLOCKS, SPEAKERS, DATA, ETC.) WITH OWNER PRIOR TO ROUGH-IN



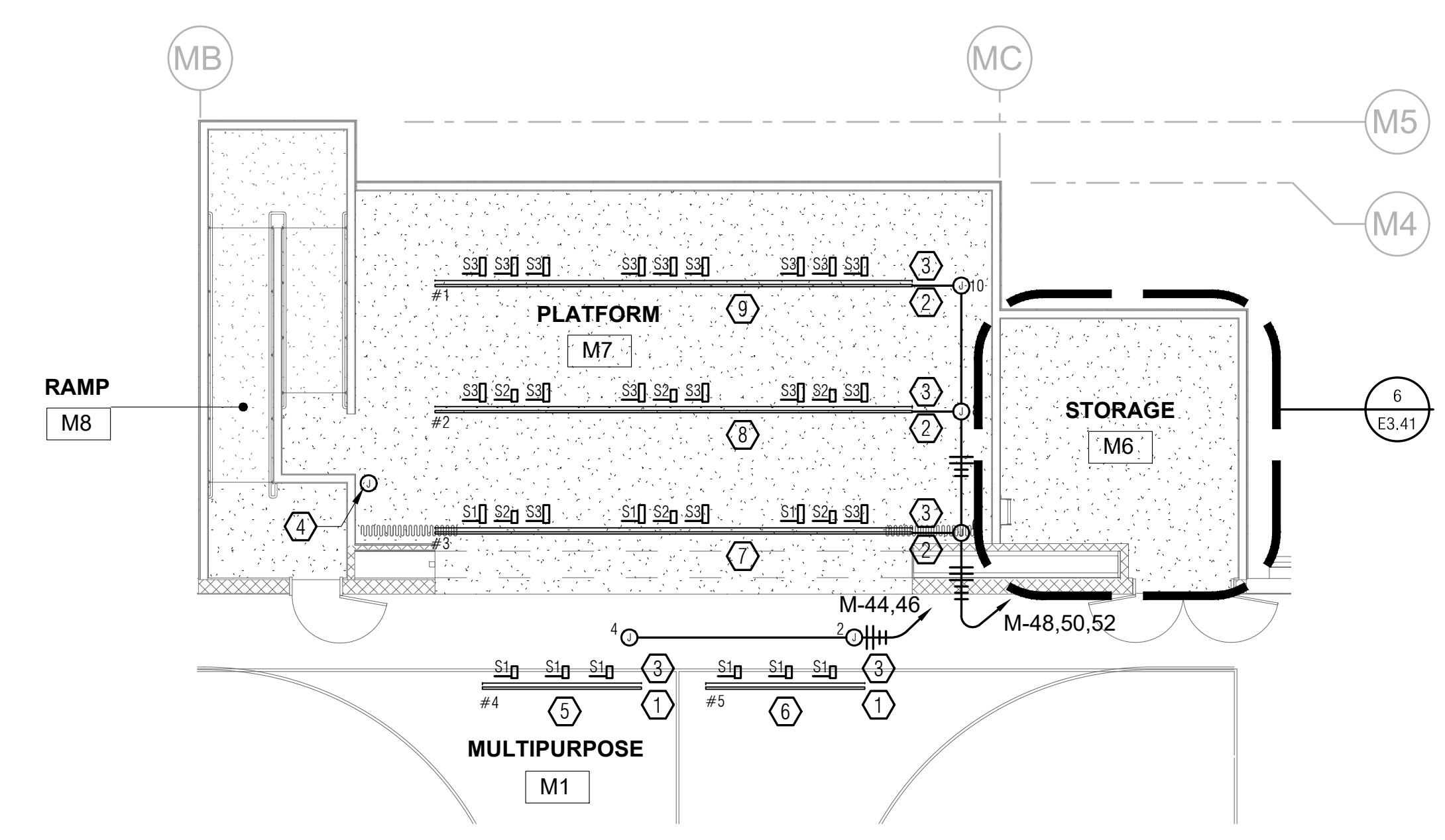
LUMINAIRE SCHEDULE - PERFORMANCE LIGHTING								
TYPE	MANUFACTURER/CATALOG	DESCRIPTION	MOUNTING	LAMP		VOLTS	WATTS	REMARKS
				NO.	TYPE			
S1	SELECON PLZS1-MKII-1834-03 NARROW BEAM 18" - 34"	PLPROFILE 1 LED SPOTLIGHT 18"-34" C-CLAMP, SAFETY CABLE, POWERCON TO POWERCON EXT. CABLE, DMX EXT. CABLE	C-CLAMP SURFACE		LED	120	120	
S2	SELECON PLZS1-MKII-1834-03 NARROW BEAM 24" - 44"	PLPROFILE 1 LED SPOTLIGHT 24"-44" C-CLAMP, SAFETY CABLE, POWERCON TO POWERCON EXT. CABLE, DMX EXT. CABLE	C-CLAMP SURFACE		LED	120	120	
S3	SELECON PLFR1-MKII-03	PLFRESNEL 1 C-CLAMP, SAFETY CABLE, POWERCON TO POWERCON EXT. CABLE, DMX EXT. CABLE	C-CLAMP SURFACE		LED	120	140	

- NUMBERED NOTES**
- 10'-0" (OR LENGTH AS REQUIRED TO ATTACH TO (3) FRAMING MEMBERS, WHICHEVER IS GREATER) SINGLE PIPE BATTEN. REFER TO DETAIL 1/E3.43.
 - 30'-0" DOUBLE PIPE BATTEN. REFER TO DETAIL 3/E3.43.
 - CONNECTOR STRIP.
 - DMX STATION.
 - FRONT OF HOUSE #1
 - FRONT OF HOUSE #2
 - ELECTRIC #1
 - ELECTRIC #2
 - ELECTRIC #3



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fax: (408)-300-5121



NOTE: REFER TO 1/E3.41 FOR ADDITIONAL DMX STATION(S)

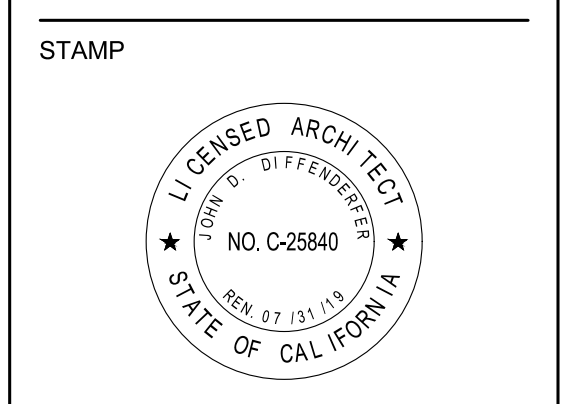
1 BUILDING M PARTIAL FLOOR PLAN - PERFORMANCE LIGHTING
SCALE: 1/8" = 1'-0"

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
GRASS VALLEY SCHOOL DISTRICT

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STATE

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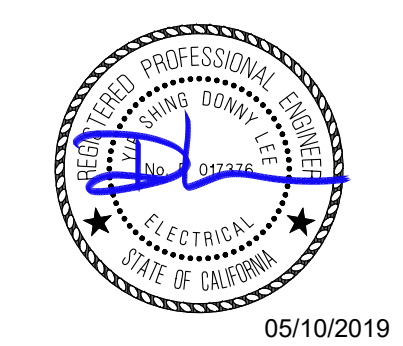
No.	Description
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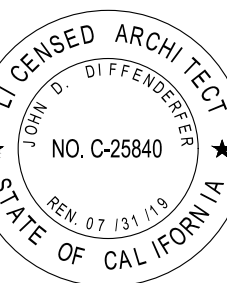
MILESTONES

- SD
- DD
- 50% CD
- 90% CD
- DSA SUB 01/11/2019

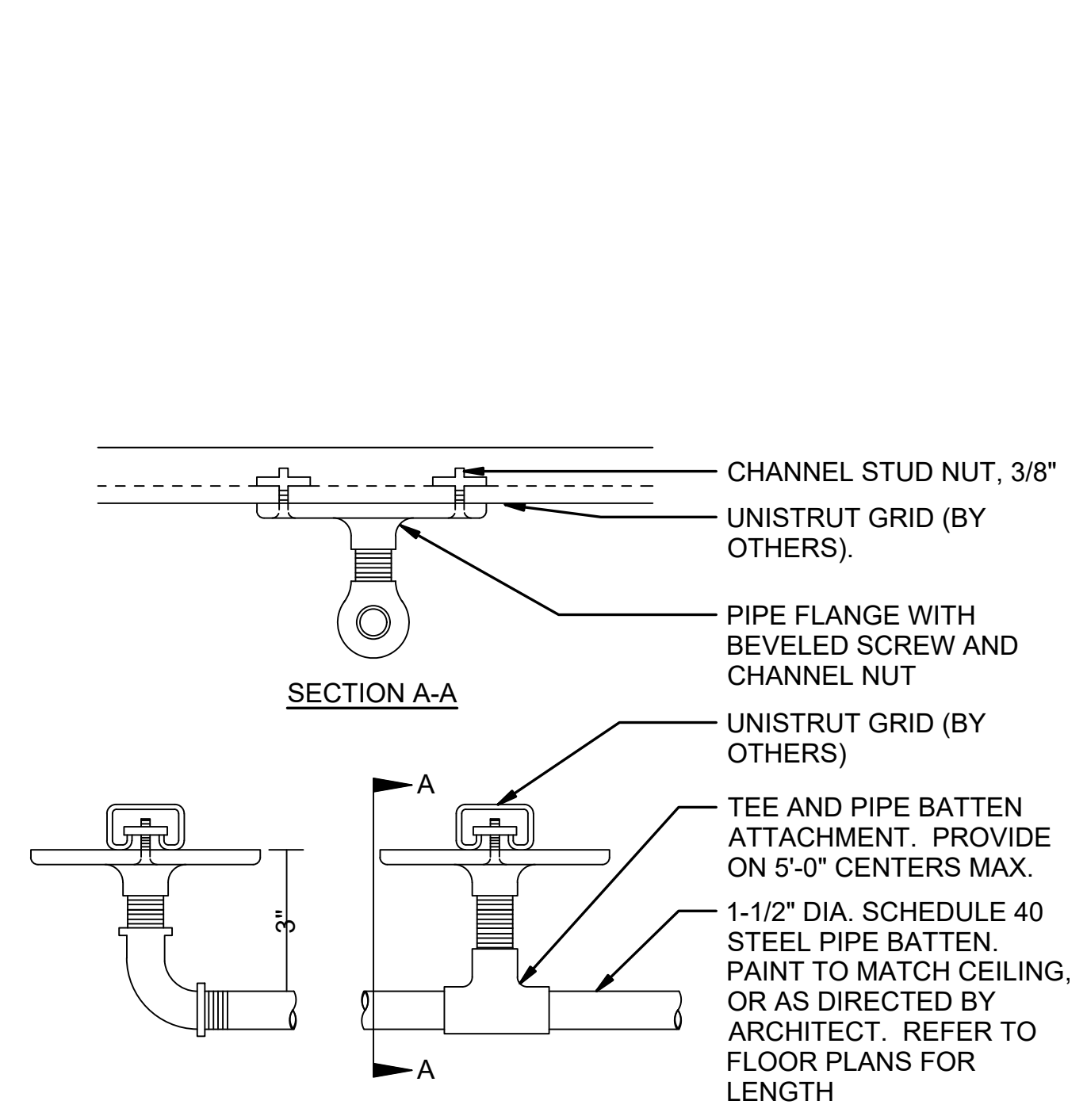
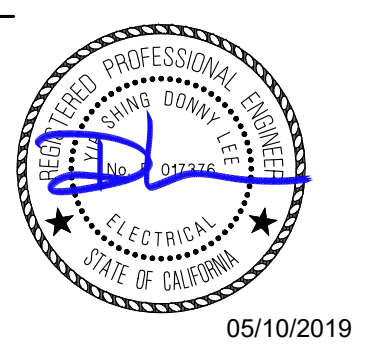
SHEET
BUILDING M FLOOR PLAN - PERFORMANCE LIGHTING

DATE 11/15/2018
JOB # 2018045
SHEET # **E3.42**

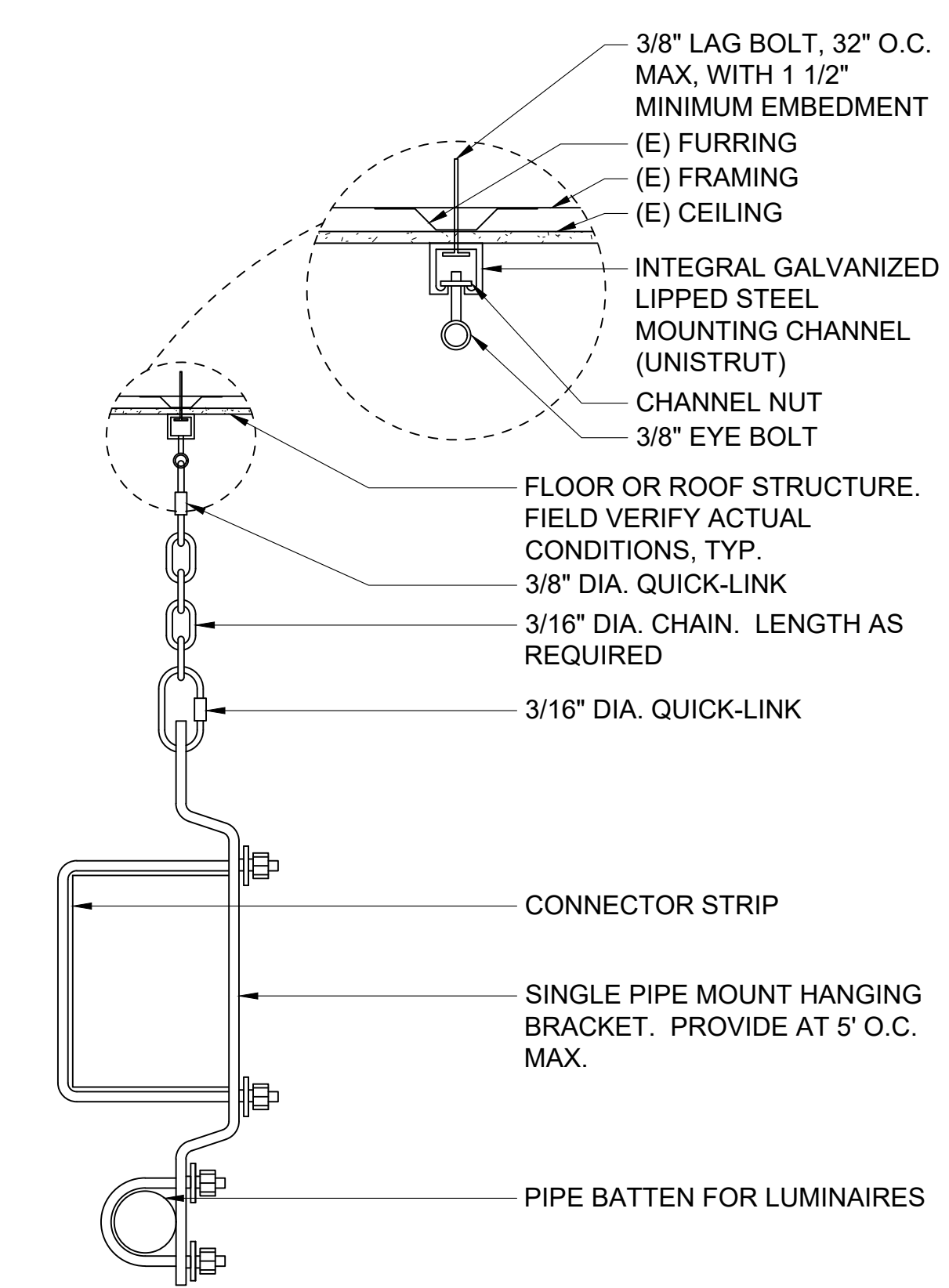




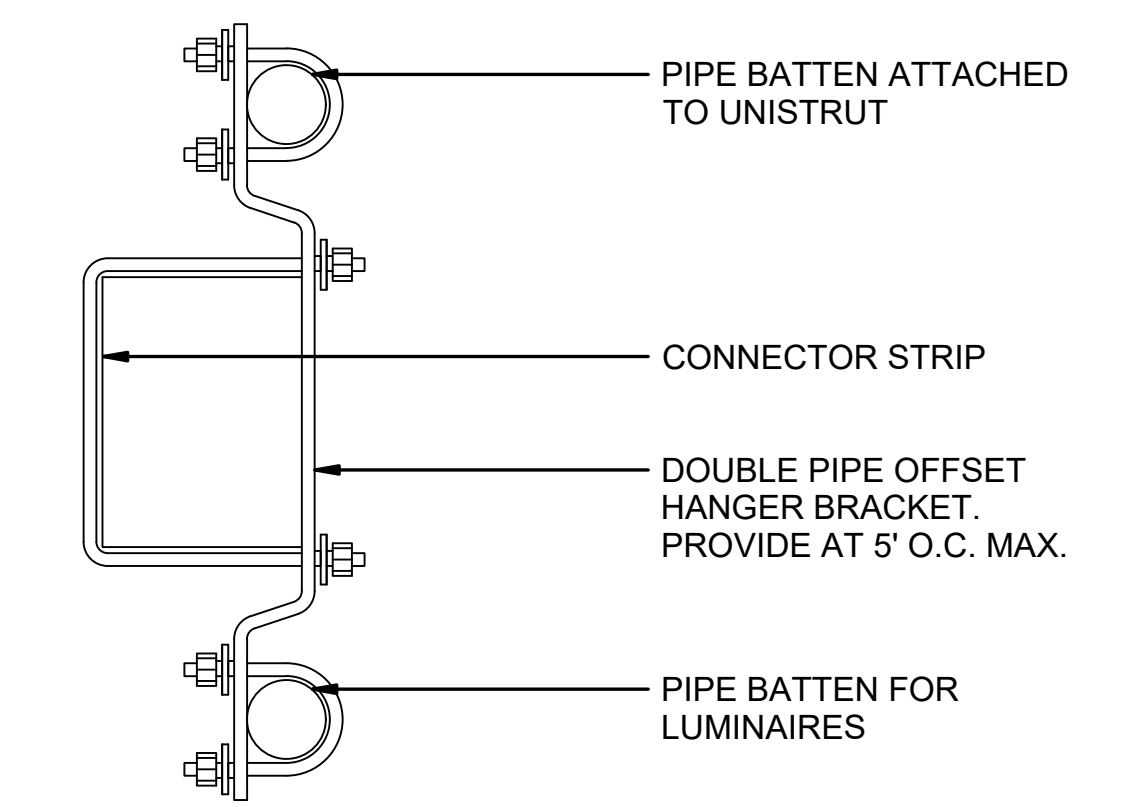
SD
DD
50% CD
90% CD
DSA SUB
01/11/2019



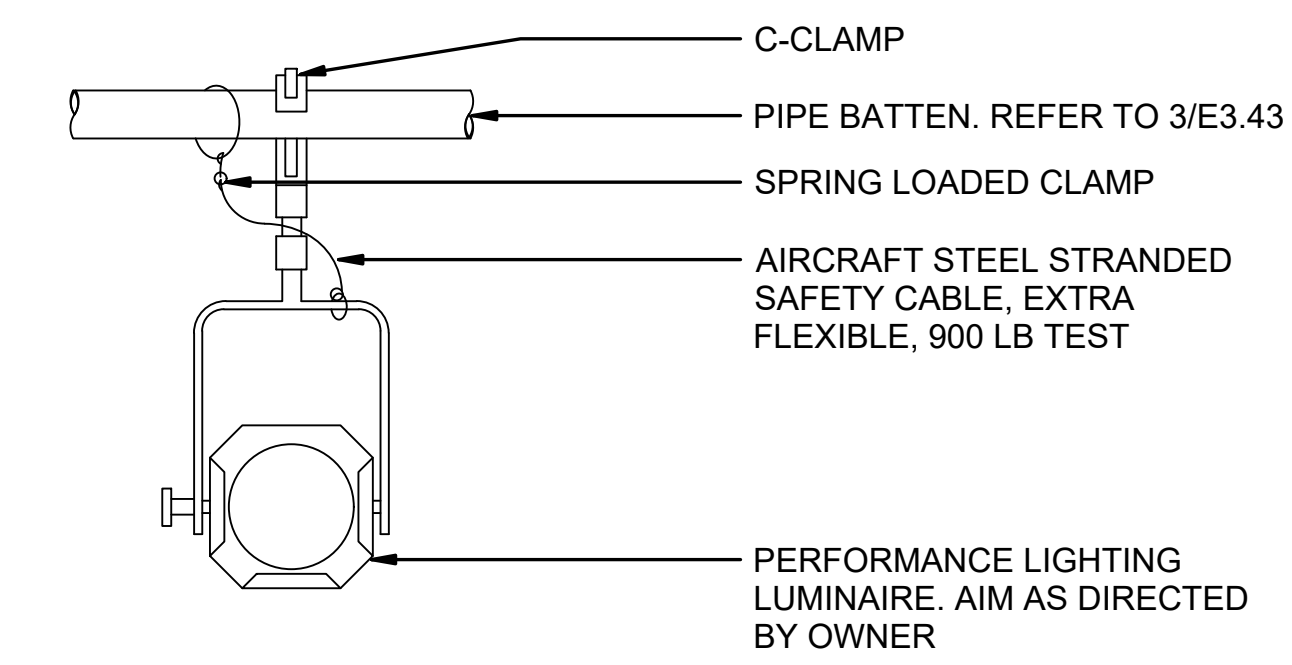
3 PIPE BATTEN ATTACHMENT TO UNISTRUT
 SCALE: NONE



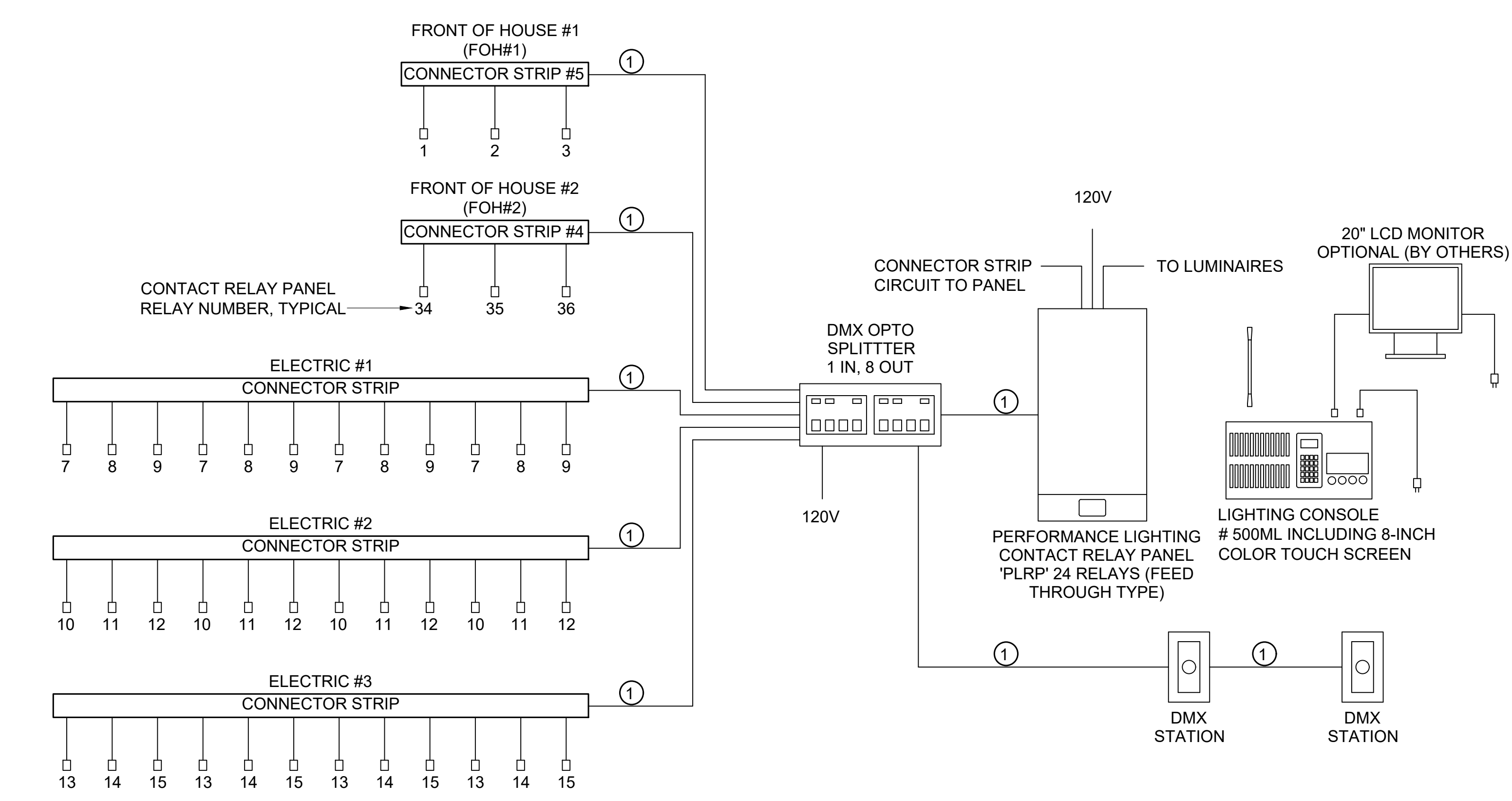
1 CONNECTOR STRIP SUPPORT (MP ROOM)
 SCALE: NONE



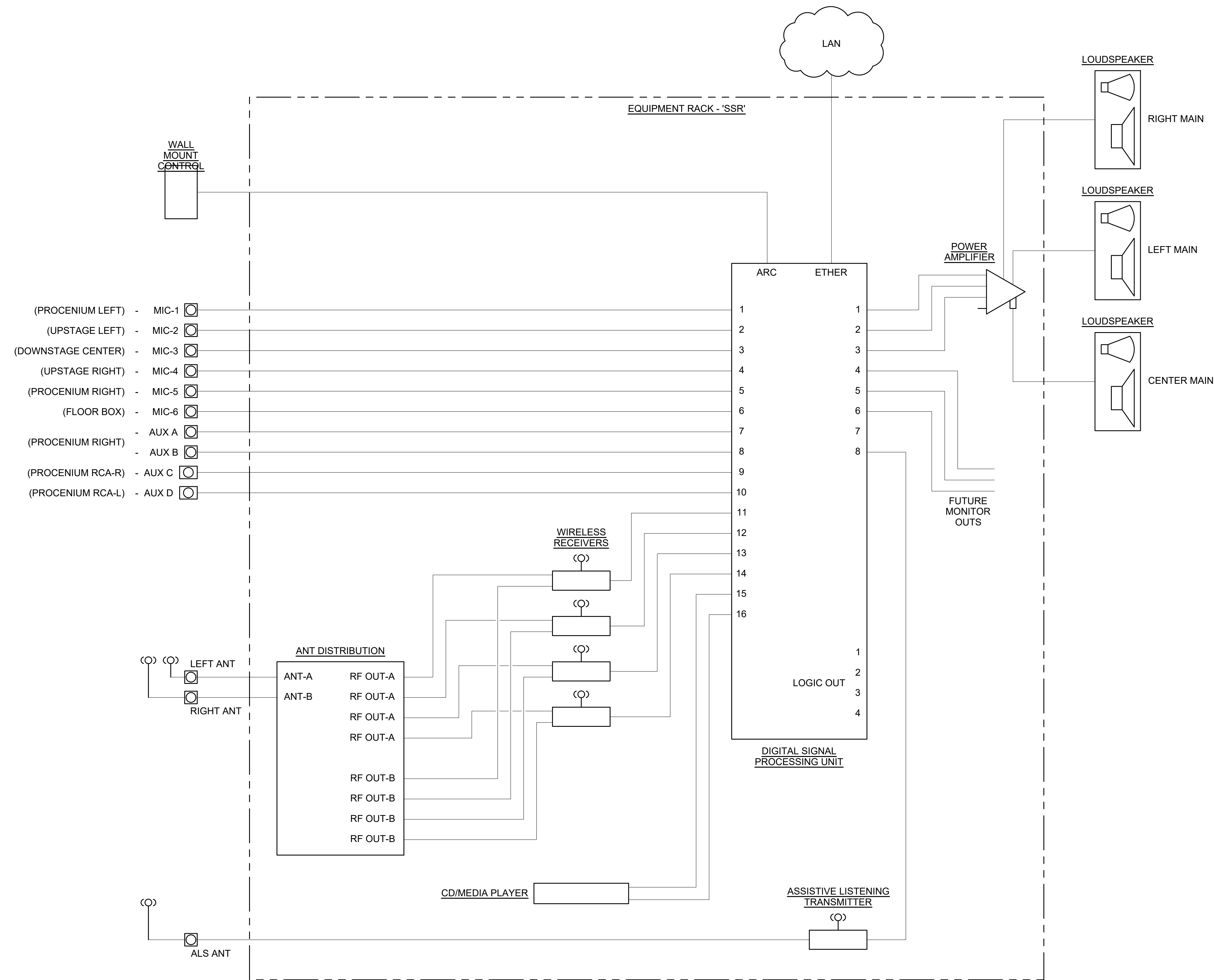
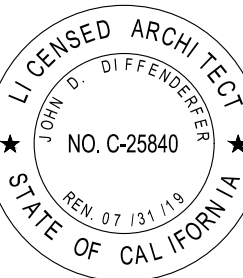
4 CONNECTOR STRIP MOUNTING
 SCALE: NONE



2 PERFORMANCE LIGHTING MOUNTING
 SCALE: NONE



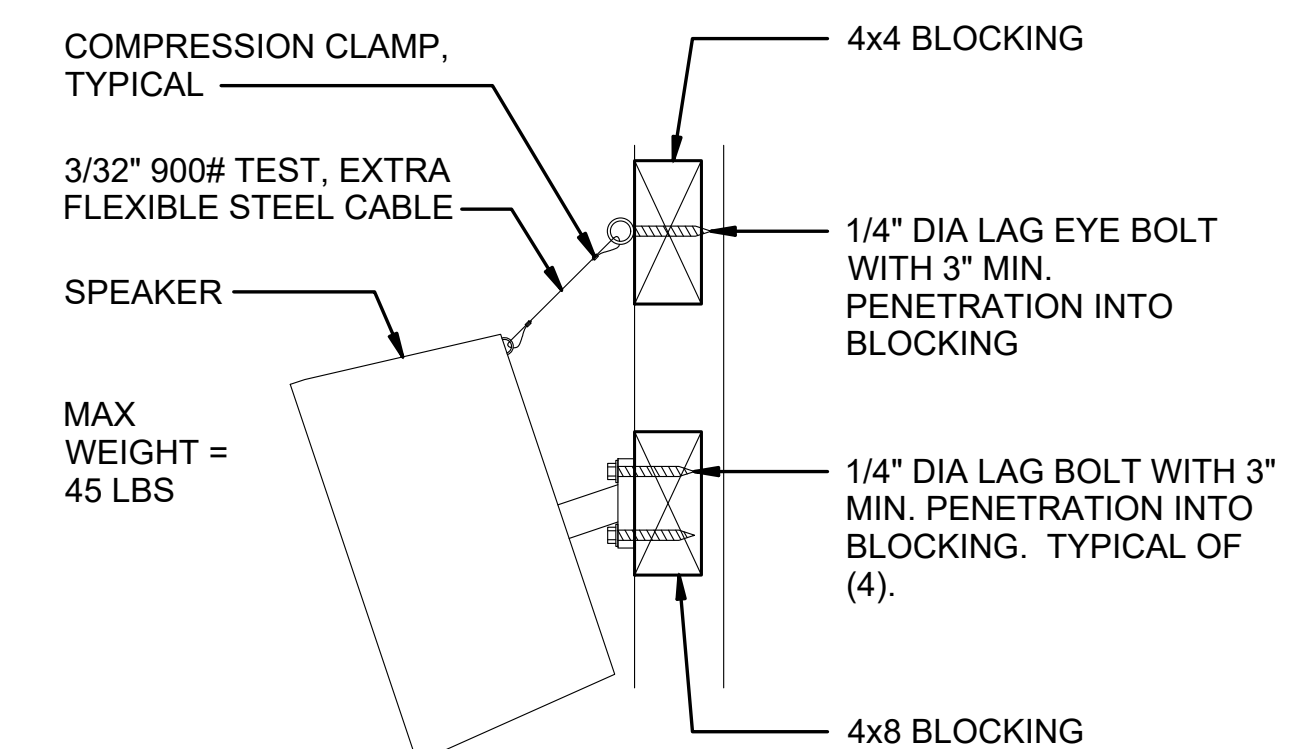
5 DETAIL_STAGE_PERFORMANCE LIGHTING SYSTEM DIAGRAM
 SCALE: NONE



NOTE: ALL WIRING SHALL BE IN RACEWAY, 1" MINIMUM.

1 MULTI-PURPOSE ROOM SOUND SYSTEM DIAGRAM

NO SCALE

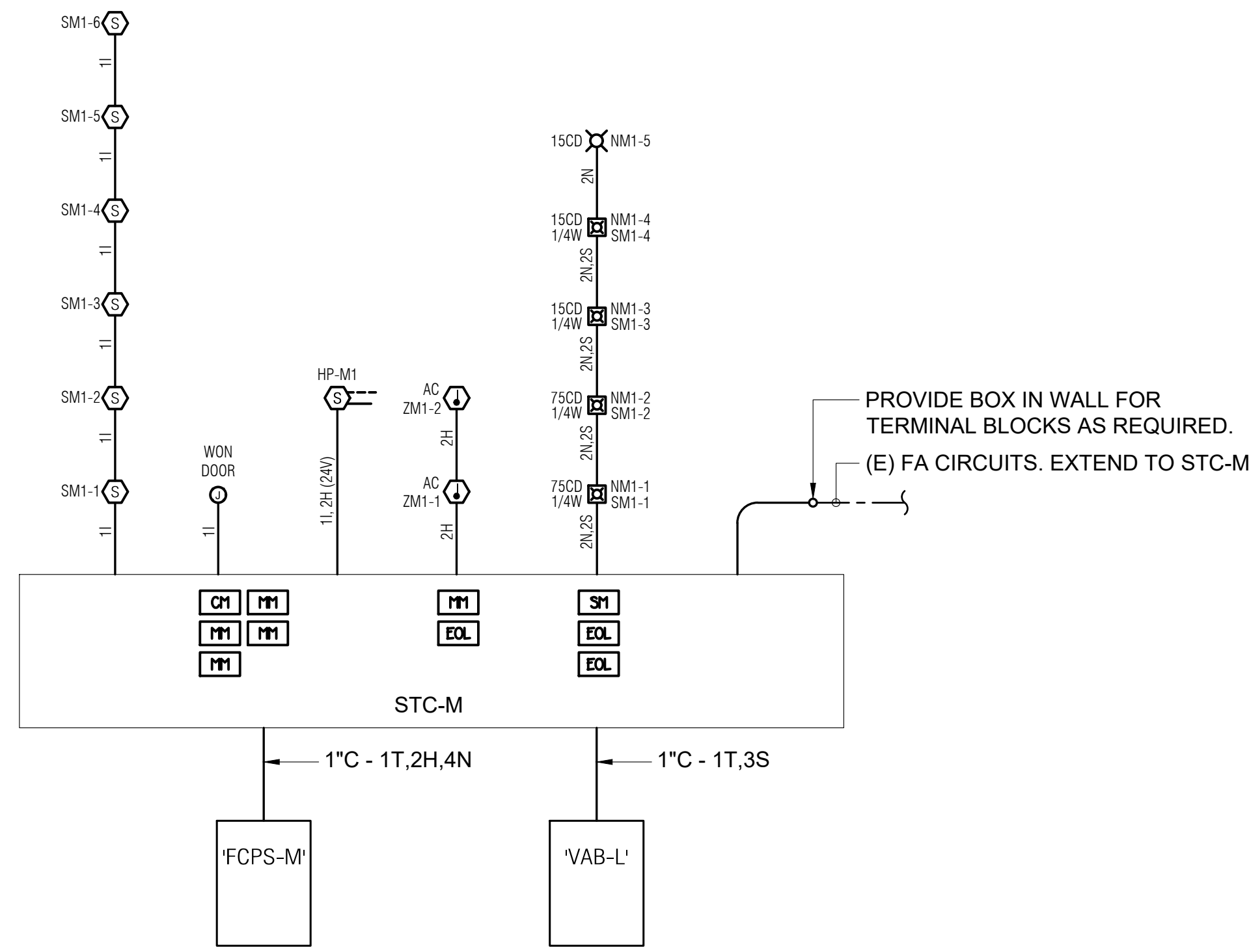
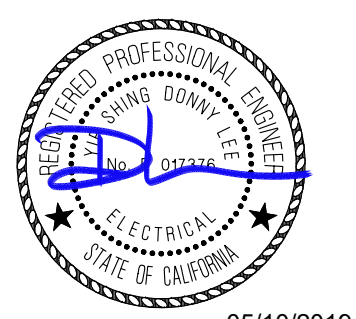


NOTES: 1. REFER TO DETAIL 6/A11.10 FOR BLOCKING ATTACHMENT.
 2. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.

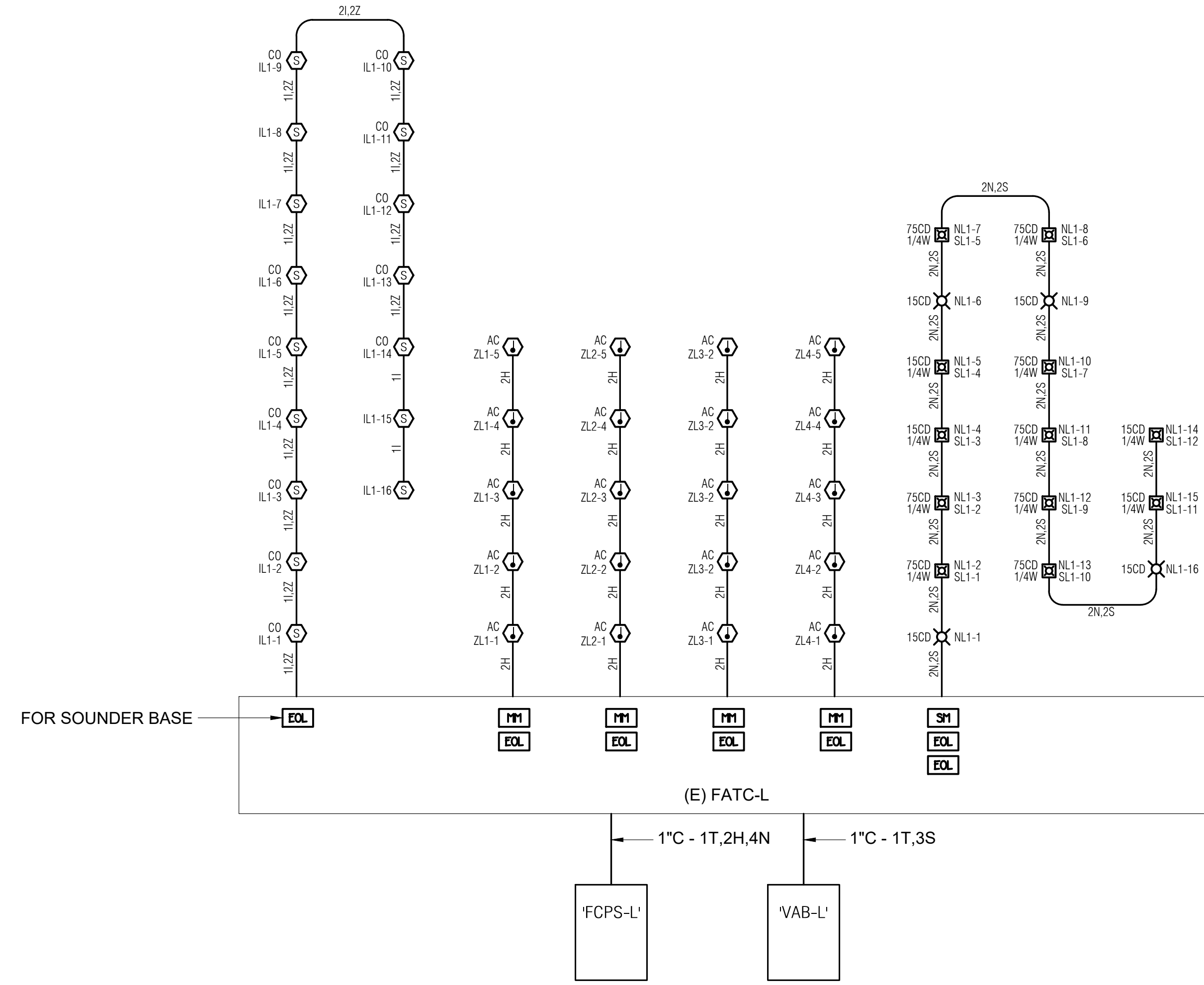
2 MULTI-PURPOSE ROOM SPEAKER MOUNTING

NO SCALE

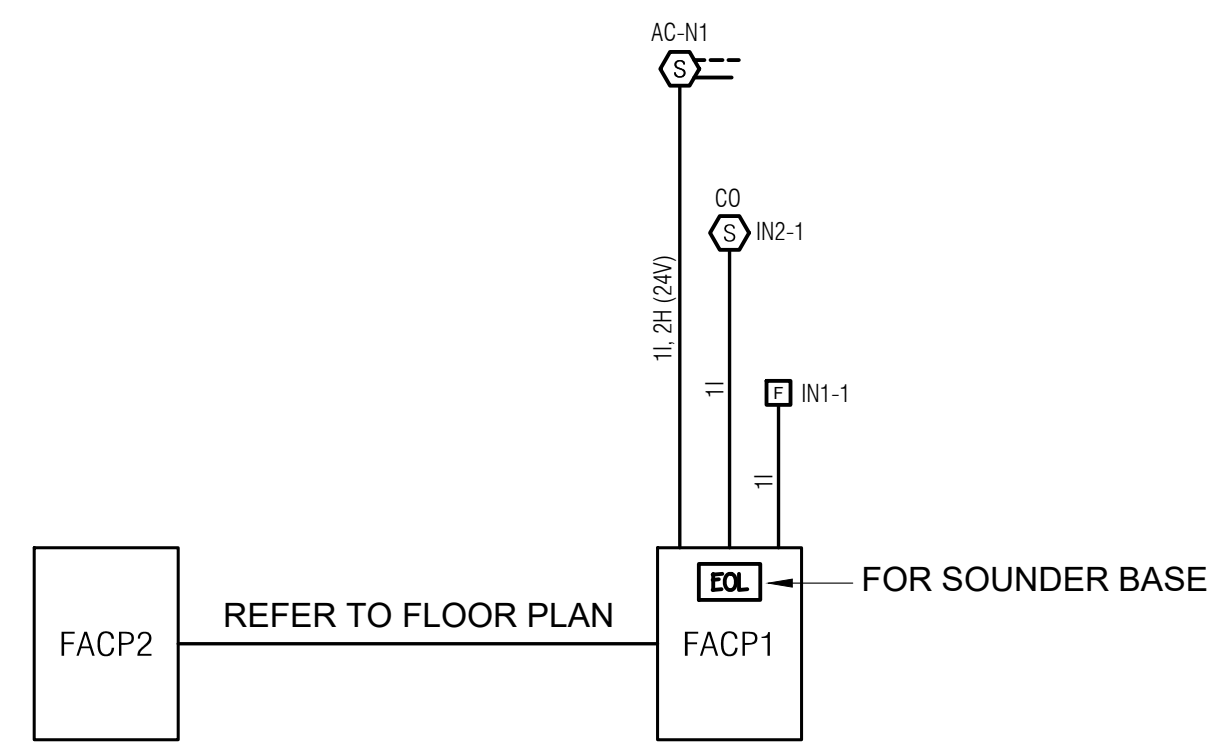




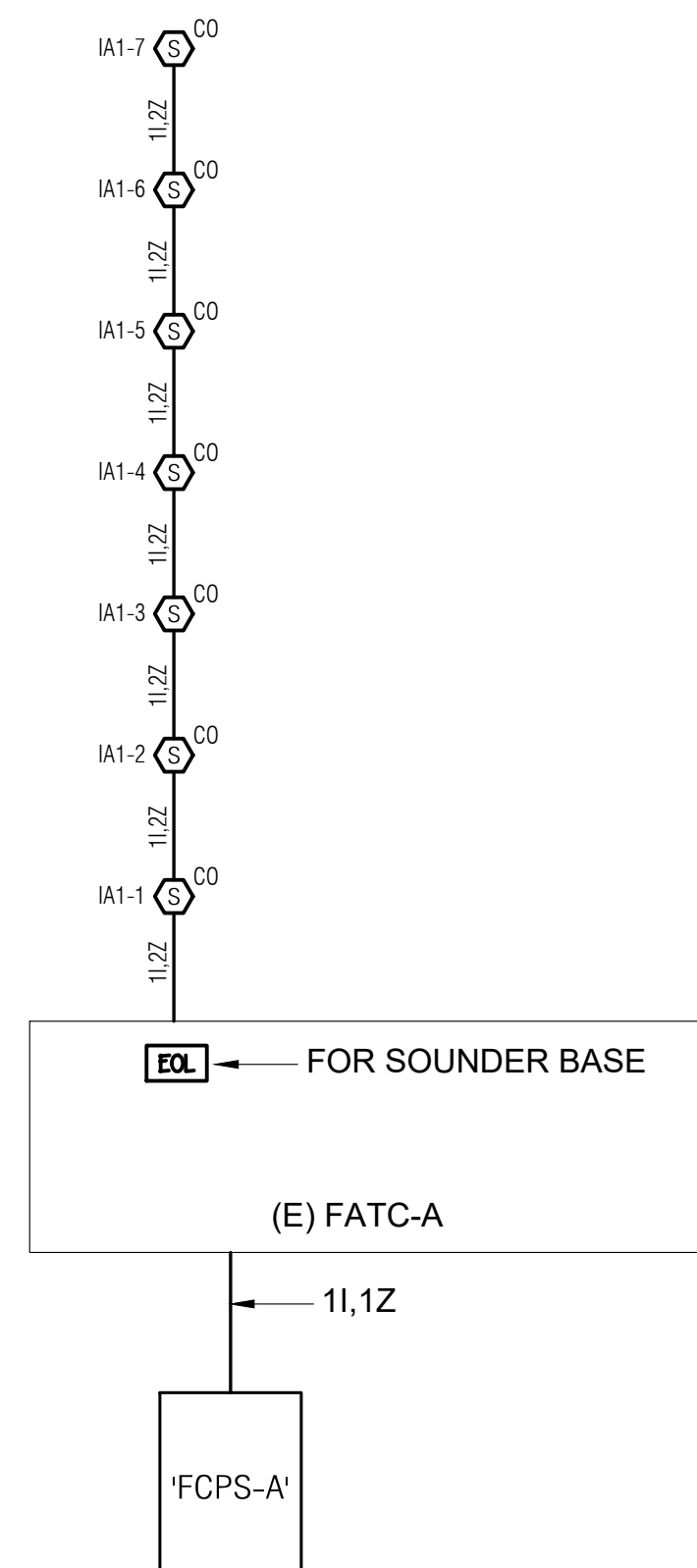
1 FIRE ALARM RISER DIAGRAM - BUILDING M
 NO SCALE



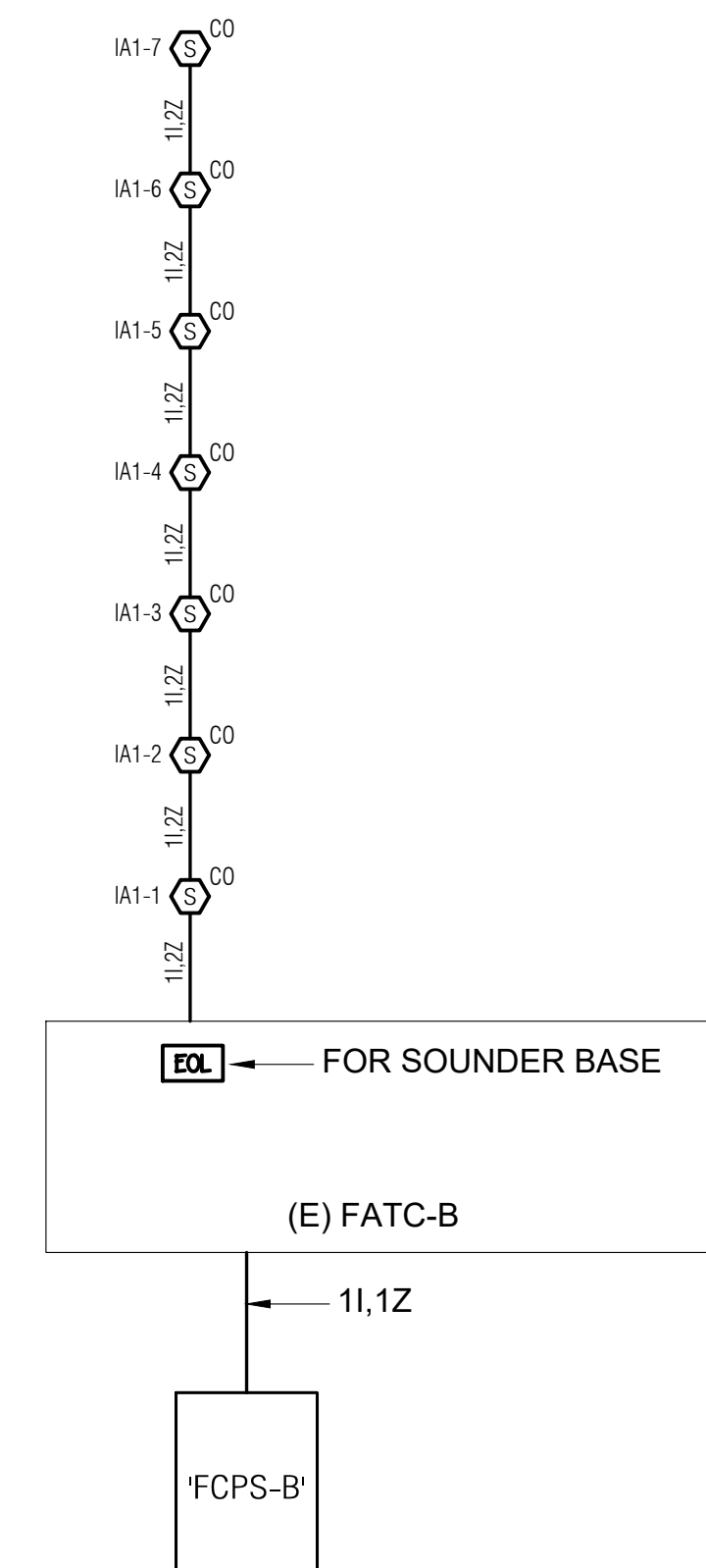
2 FIRE ALARM RISER DIAGRAM - BUILDING L
 NO SCALE



3 FIRE ALARM RISER DIAGRAM - BUILDING N
 NO SCALE



4 FIRE ALARM RISER DIAGRAM - BUILDING A
 NO SCALE



5 FIRE ALARM RISER DIAGRAM - BUILDING B
 NO SCALE

Control Panel Designation: VAB-M Facility Name: Scotten Elementary School Battery Calculation Standby: 24 hr. and Alarm: 15 min.													
(E) / (N)	Model #	Description	Standby Current	Alarm Current	Qty	Total Standby Current	Total Alarm Current						
Control Panel Modules													
(N)	SPB-804	Voice Evac Audio Booster/Amplifier	0.130	0.130	1	0.130	0.130						
Control Panel Modules Totals						0.130	0.130						
Notification Appliance Circuits													
	Notification Circuit	S1	0.000	0.040	1	0.000	0.040						
	Spare	Notification Circuit	S2	0.000	0.000	1	0.000						
Notification Appliance Circuit Totals						0.000	0.040						
Overall Totals						0.130	0.170						
Summary:													
Standby Amps x 24 hrs = Amp hrs.			3.120										
Alarm Current x 0.25 hrs = Amp hrs.			0.043										
Total Amp Hour Current			3.163										
20% Safety Factor			6.333										
TOTAL AMP HOUR BATTERY REQUIRED			3.795		AH BATTERY PROVIDED		12.0						

Control Panel Designation: FCPS-M Facility Name: Scotten Elementary School Battery Calculation Standby: 24 hr. and Alarm: 15 min.													
(E) / (N)	Model #	Description	Standby Current	Alarm Current	Qty	Total Standby Current	Total Alarm Current						
Control Panel Modules													
(N)	FCPS-24FS6	Remote Power Supply	0.065	0.145	1	0.065	0.145						
Control Panel Modules Totals						0.065	0.145						
Notification Appliance Circuits													
	Notification Circuit	NM1	0.000	0.430	1	0.000	0.430						
	Spare	Notification Circuit	N2	0.000	0.000	1	0.000						
	Spare	Notification Circuit	N3	0.000	0.000	1	0.000						
	Spare	Notification Circuit	N4	0.000	0.000	1	0.000						
Notification Appliance Circuit Totals						0.000	0.430						
Overall Totals						0.065	0.575						
Summary:													
Standby Amps x 24 hrs = Amp hrs.			1.560										
Alarm Current x 0.25 hrs = Amp hrs.			0.144										
Total Amp Hour Current			1.704										
20% Safety Factor			3.411										
TOTAL AMP HOUR BATTERY REQUIRED			2.045		AH BATTERY PROVIDED		7.0						

Control Panel Designation: VAB-L Facility Name: Scotten Elementary School Battery Calculation Standby: 24 hr. and Alarm: 15 min.													
(E) / (N)	Model #	Description	Standby Current	Alarm Current	Qty	Total Standby Current	Total Alarm Current						
Control Panel Modules													
(N)	SPB-804	Voice Evac Audio Booster/Amplifier	0.130	0.130	1	0.130	0.130						
Control Panel Modules Totals						0.130	0.130						
Notification Appliance Circuits													
	Notification Circuit	SL1	0.000	0.120	1	0.000	0.120						
	Spare	Notification Circuit	S2	0.000	0.000	1	0.000						
Notification Appliance Circuit Totals						0.000	0.120						
Overall Totals						0.130	0.250						
Summary:													
Standby Amps x 24 hrs = Amp hrs.			3.120										
Alarm Current x 0.25 hrs = Amp hrs.			0.063										
Total Amp Hour Current			3.183										
20% Safety Factor			6.371										
TOTAL AMP HOUR BATTERY REQUIRED			3.819		AH BATTERY PROVIDED		12.0						

Control Panel Designation: FACP Facility Name: Scotten Elementary School Battery Calculation Standby: 24 hr. and Alarm: 15 min.													
(E) / (N)	Model #	Description	Standby Current	Alarm Current	Qty	Total Standby Current	Total Alarm Current						
Control Panel Modules													
(N)	E8T3	EST 3 Fire Alarm Control Panel	0.155	0.165	1	0.155	0.165						
(N)	3-CPU3	Central Processor Unit	0.058	0.058	1	0.058	0.058						
(N)	3-R232	Communication Card	0.040	0.042	1	0.040	0.042						
(N)	3-LCD	Liquid Crystal Display Module	0.080	0.080	1	0.080	0.080						
(N)	3-ASU	Audio Master	0.060	0.095	1	0.060	0.095						
(N)	3-MODCOM	Modem Communicator	0.062	2.480	2	0.124	4.960						
(N)	3-2A40	Zoned Audio Amplifier	0.264	0.336	3	0.792	1.008						
(N)	3-SDCT1	Dual Signature Driver Controller	0.264	0.336	3	0.792	1.008						
Control Panel Modules Totals						1.309	6.408						
Notification Appliance Circuits													
	Spare	Notification Circuit	N1	0.000	0.000	1	0.000						
	Spare	Notification Circuit	N2	0.000	0.000	1	0.000						
	Spare	Notification Circuit	N3	0.000	0.000	1	0.000						
	Spare	Notification Circuit	N4	0.000	0.000	1	0.000						
Notification Appliance Circuit Totals						0.000	0.000						
Overall Totals						1.309	6.408						
Summary:													
Standby Amps x 24 hrs = Amp hrs.			31.416										
Alarm Current x 0.25 hrs = Amp hrs.			1.602										
Total Amp Hour Current			33.018										
20% Safety Factor			6.604										
TOTAL AMP HOUR BATTERY REQUIRED			39.622		AH BATTERY PROVIDED		55.0						

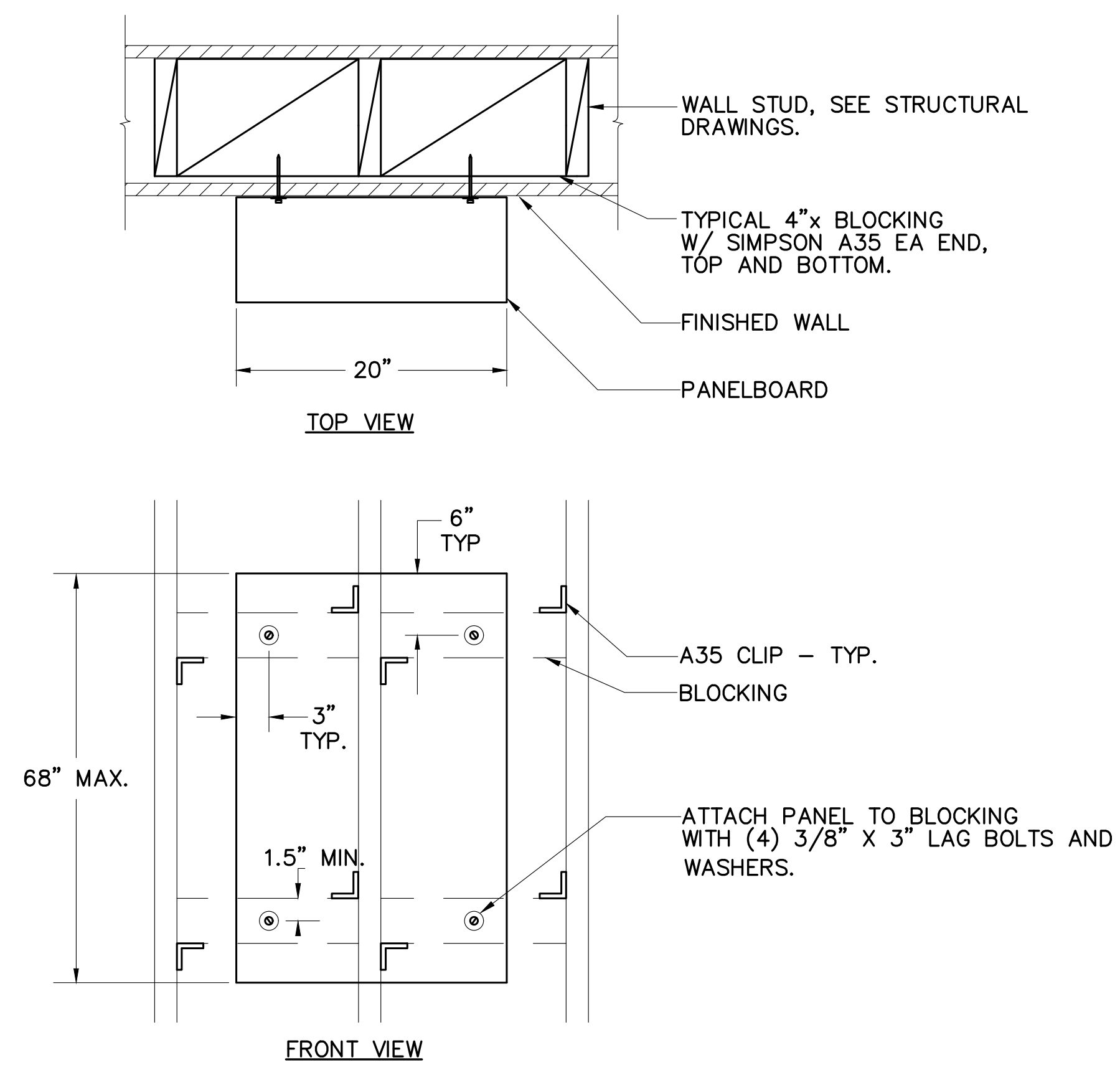
Notification Appliance Circuit Voltage Drop: S1														
Source description: This calculator provided voltage drop calculations in a Point-to-Point format.														
Resistance Value:			18=8.08, 16=5.08, 14=3.19, 12=2.01, 10=1.26											
Resistance for copper wire based on NEC Chapter 9, Table 8.														
Nominal System Voltage			25 V		Wire Gauge		16		Ohm's Per 1000		Distance			
Minimum Device Voltage			25 V		Wire Gauge		16		Ohm's Per 1000		Distance			
Value is in Amps.			eg.: 100 = 100 mA		Distance from				Voltage		Voltage			
Model Number	Device Description	Device Number	Device Current	Distance from previous device	Wire Gauge	Ohm's Per 1000	At Device	Drop from source	Percent Drop					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	S1-1	0.010	40	12	2.01	24.99	0.008	0.13%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	S1-2	0.010	30	12	2.01	24.99	0.010	0.04%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	S1-3	0.010	30	12	2.01	24.99	0.012	0.05%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	S1-4	0.010	20	12	2.01	24.99	0.013	0.05%					
Summary:		Total	0.040	120			24.99	0.013	0.05%					
Available Amp on Circuit		6 A		End of Line Voltage		24.99 V								
Remaining Amp on Circuit		99.33%		Total Voltage Drop		0.013 V								
Remaining Amp % on Circuit				Voltage Drop %		0.07%								

Notification Appliance Circuit Voltage Drop: NM1														
Source description: This calculator provided voltage drop calculations in a Point-to-Point format.														
Resistance Value:			18=8.08, 16=5.08, 14=3.19, 12=2.01, 10=1.26											
Resistance for copper wire based on NEC Chapter 9, Table 8.														
Nominal System Voltage			24 V		Wire Gauge		16		Ohm's Per 1000		Distance			
Minimum Device Voltage			24 V		Wire Gauge		16		Ohm's Per 1000		Distance			
Value is in Amps.			eg.: 100 = 100 mA		Distance from				Voltage		Voltage			
Model Number	Device Description	Device Number	Device Current	Distance from previous device	Wire Gauge	Ohm's Per 1000	At Device	Drop from source	Percent Drop					
LSPSTRC (75cd)	Speaker/Strobe, Ceiling, 75cd	NM1-1	0.155	40	12	2.01	23.93	0.069	0.29%					
LSPSTRC (75cd)	Speaker/Strobe, Ceiling, 75cd	NM1-2	0.155	30	12	2.01	23.90	0.102	0.43%					
LSPSTRC (15cd)	Speaker/Strobe, Ceiling, 15cd	NM1-3	0.040	30	12	2.01	23.88	0.117	0.49%					
LSPSTRC (15cd)	Speaker/Strobe, Ceiling, 15cd	NM1-4	0.040	20	12	2.01	23.88	0.123	0.51%					
LSTRC (15cd)	Strobe, Ceiling, 15cd	NM1-5	0.040	30	12	2.01	23.87	0.128	0.53%					
Summary:		Total	0.430	150			23.87	0.128	0.53%					
Available Amp on Circuit		6 A		End of Line Voltage		23.87 V								
Remaining Amp on Circuit		5.570 A		Total Voltage Drop		0.128 V								
Remaining Amp % on Circuit		92.83%		Voltage Drop %		0.63%								

Notification Appliance Circuit Voltage Drop: SL1														
Source description: This calculator provided voltage drop calculations in a Point-to-Point format.														
Resistance Value:			18=8.08, 16=5.08, 14=3.19, 12=2.01, 10=1.26											
Resistance for copper wire based on NEC Chapter 9, Table 8.														
Nominal System Voltage			25 V		Wire Gauge		16		Ohm's Per 1000		Distance			
Minimum Device Voltage			25 V		Wire Gauge		16		Ohm's Per 1000		Distance			
Value is in Amps.			eg.: 100 = 100 mA		Distance from				Voltage		Voltage			
Model Number	Device Description	Device Number	Device Current	Distance from previous device	Wire Gauge	Ohm's Per 1000	At Device	Drop from source	Percent Drop					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-1	0.010	85	12	2.01	24.96	0.041	0.16%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-2	0.010	25	12	2.01	24.95	0.052	0.21%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-3	0.010	30	12	2.01	24.94	0.064	0.26%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-4	0.010	40	12	2.01	24.92	0.079	0.31%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-5	0.010	20	12	2.01	24.91	0.085	0.34%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-6	0.010	40	12	2.01	24.90	0.096	0.39%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-7	0.010	20	12	2.01	24.90	0.101	0.40%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-8	0.010	25	12	2.01	24.89	0.106	0.42%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-9	0.010	30	12	2.01	24.89	0.111	0.44%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-10	0.010	25	12	2.01	24.89	0.114	0.46%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-11	0.010	40	12	2.01	24.88	0.117	0.47%					
LSPSTRC (1/4W)	Speaker/Strobe, Ceiling, 1/4W	SL1-12	0.010	20	12	2.01	24.88	0.118	0.47%					
Summary:		Total	0.120	400			24.88	0.118	0.47%					
Available Amp on Circuit		6 A		End of Line Voltage		24.88 V								
Remaining Amp on Circuit		5.880 A		Total Voltage Drop		0.118 V								
Remaining Amp % on Circuit		98.00%		Voltage Drop %		0.58%								

Control Panel Designation: FCPS-L Facility Name: Scotten Elementary School Battery Calculation Standby: 24 hr. and Alarm: 15 min.													
(E) / (N)	Model #	Description	Standby Current	Alarm Current	Qty	Total Standby Current	Total Alarm Current						
Control Panel Modules													
(N)	FCPS-24FS6	Remote Power Supply	0.065	0.145	1	0.065	0.145						
(N)	SIGA-AB4GT	Sounder Base	0.002	0.041	12	0.024	0.492						
Control Panel Modules Totals						0.069	0.637						
Notification Appliance Circuits													
	Notification Circuit	NL1	0.000	1.560	1	0.000	1.560						
	Spare	Notification Circuit	N2	0.000	0.000	1	0.000						
	Spare	Notification Circuit	N3	0.000	0.000	1	0.000						
	Spare	Notification Circuit	N4	0.000	0.000	1	0.000						
Notification Appliance Circuit Totals						0.000	1.560						
Overall Totals						0.069	2.197						
Summary:													
Standby Amps x 24 hrs = Amp hrs.			2.136										
Alarm Current x 0.25 hrs = Amp hrs.			0.549										
Total Amp Hour Current			2.685										
20% Safety Factor			5.371										
TOTAL AMP HOUR BATTERY REQUIRED			3.222		AH BATTERY PROVIDED		7.0						

Notification Appliance Circuit Voltage Drop: NL1													
Source description: This calculator provided voltage drop calculations in a Point-to-Point format.													
Resistance Value:			18=8.08, 16=5.08, 14=3.19, 12=2.01, 10=1.26										
Resistance for copper wire based on NEC Chapter 9, Table 8.													
Nominal System Voltage			24 V		Wire Gauge		16		Ohm's Per 1000		Distance		
Minimum Device Voltage			24 V		Wire Gauge		16		Ohm's Per 1000		Distance		
Value is in Amps.			eg.: 100 = 100 mA		Distance from				Voltage		Voltage		
Model Number	Device Description	Device Number	Device Current	Distance from previous device	Wire Gauge	Ohm's Per 1000	At Device	Drop from source	Percent Drop				
LSTRC (15cd)	Strobe, Ceiling, 15cd	NL1-1	0.040	75	12	2.01	23.53	0.470	1.96%				
LSPSTRC (75cd)	Speaker/Strobe, Ceiling, 75cd	NL1-2	0.										

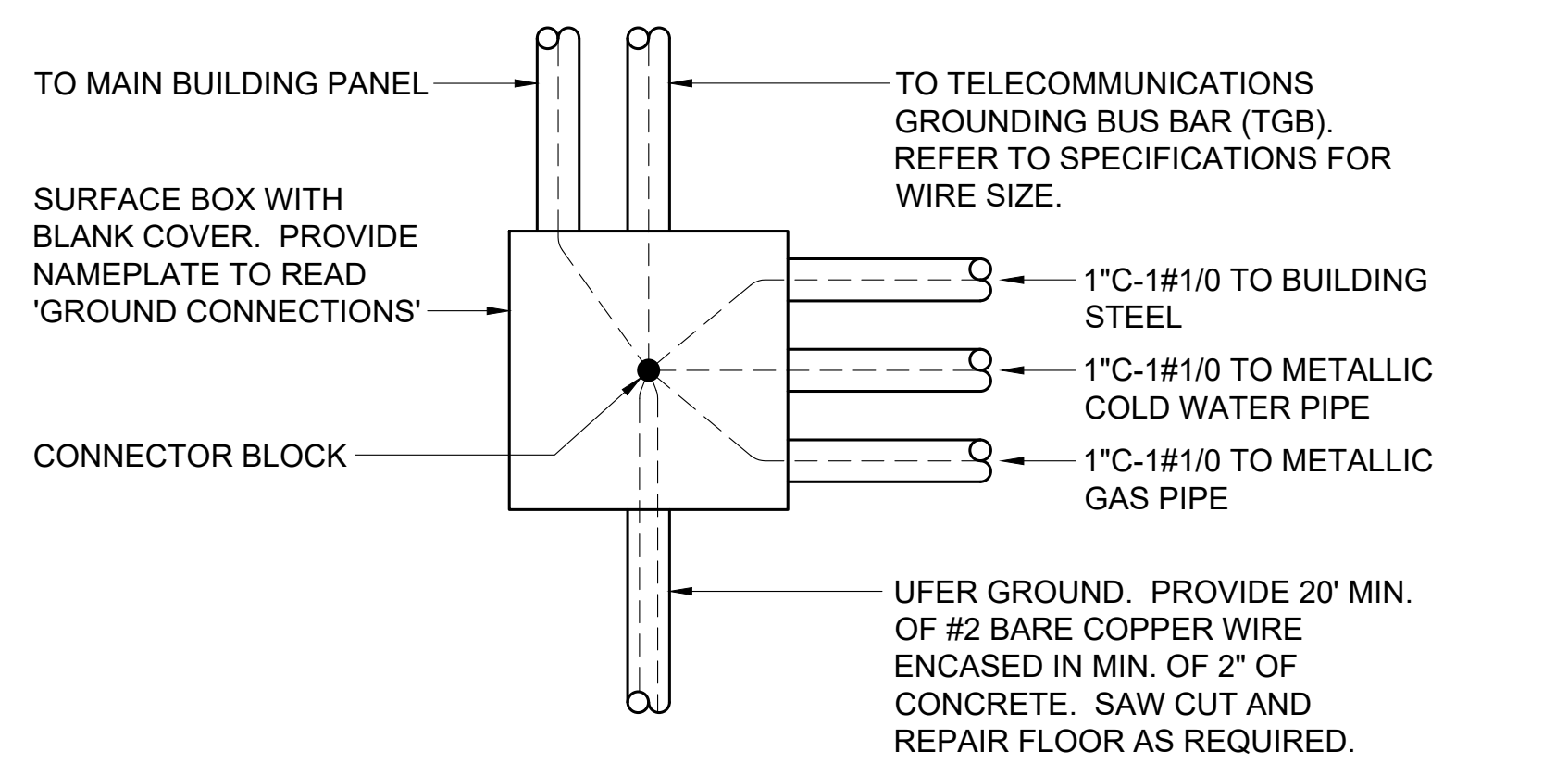


NOTES:

1. USE FENDER WASHERS ON ALL SCREWS.
2. MAXIMUM WEIGHT - 300LBS.

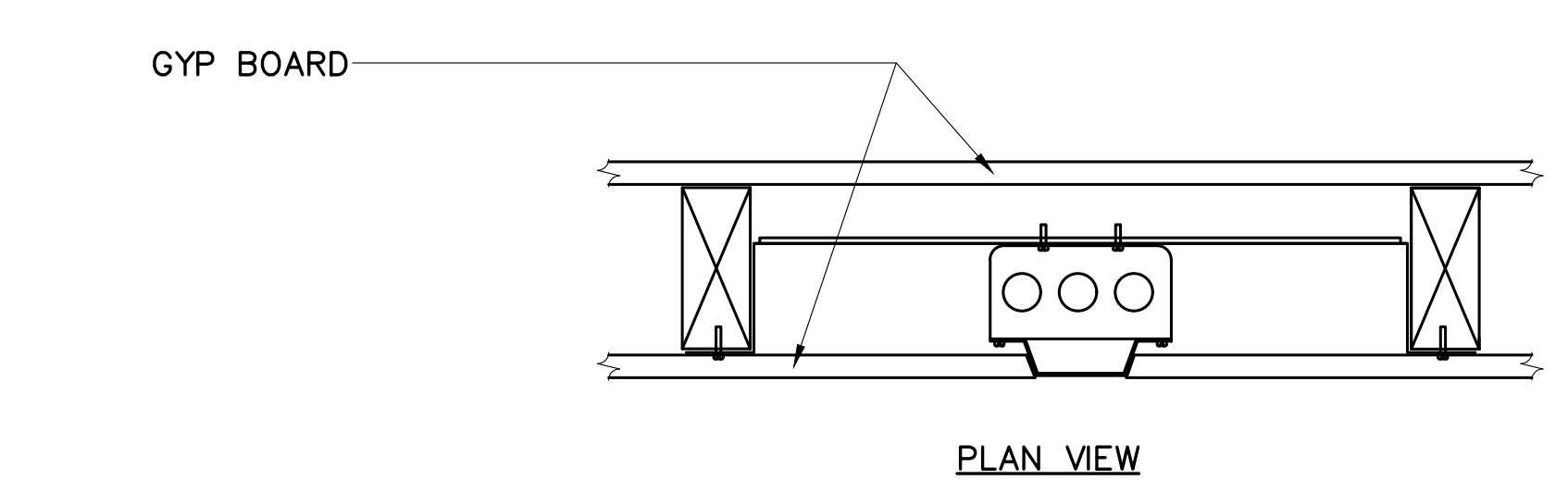
7 SURFACE MOUNTED PANEL/CABINET/RACK DETAIL

NO SCALE



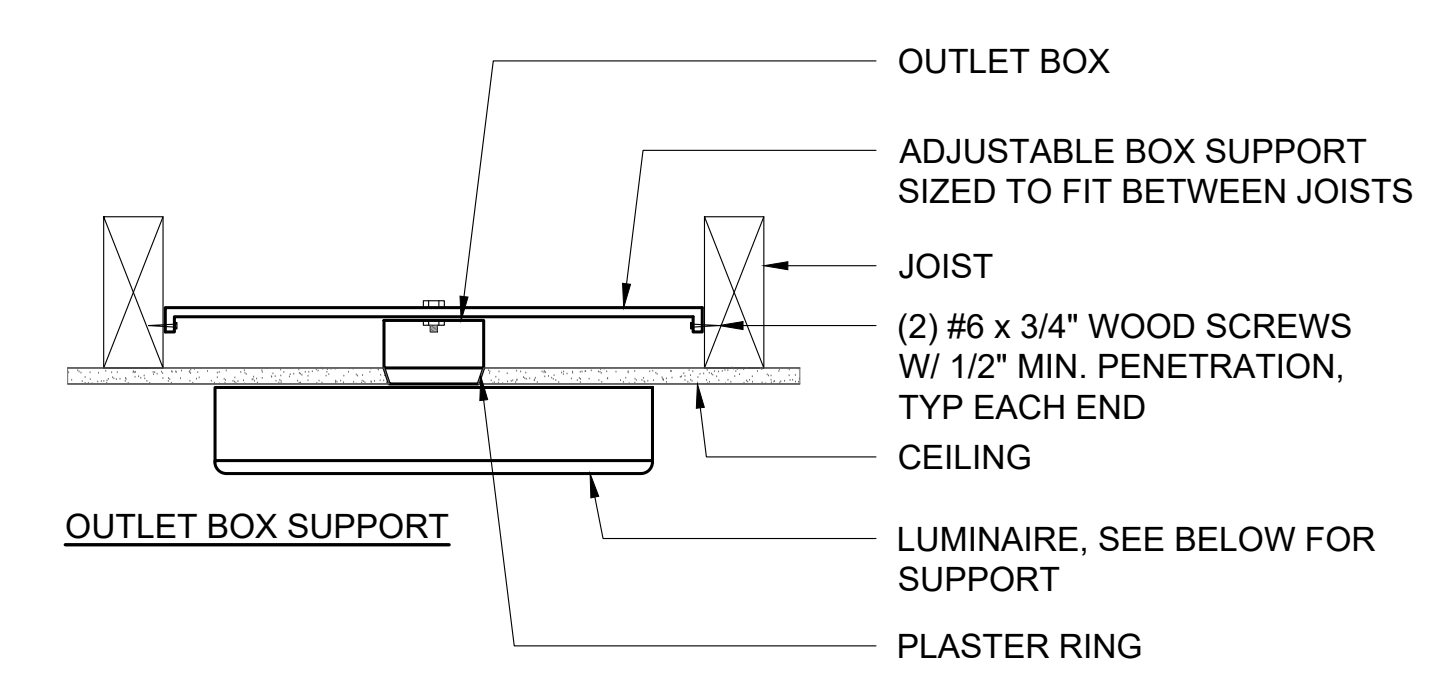
8 BUILDING GROUND DETAIL

NO SCALE



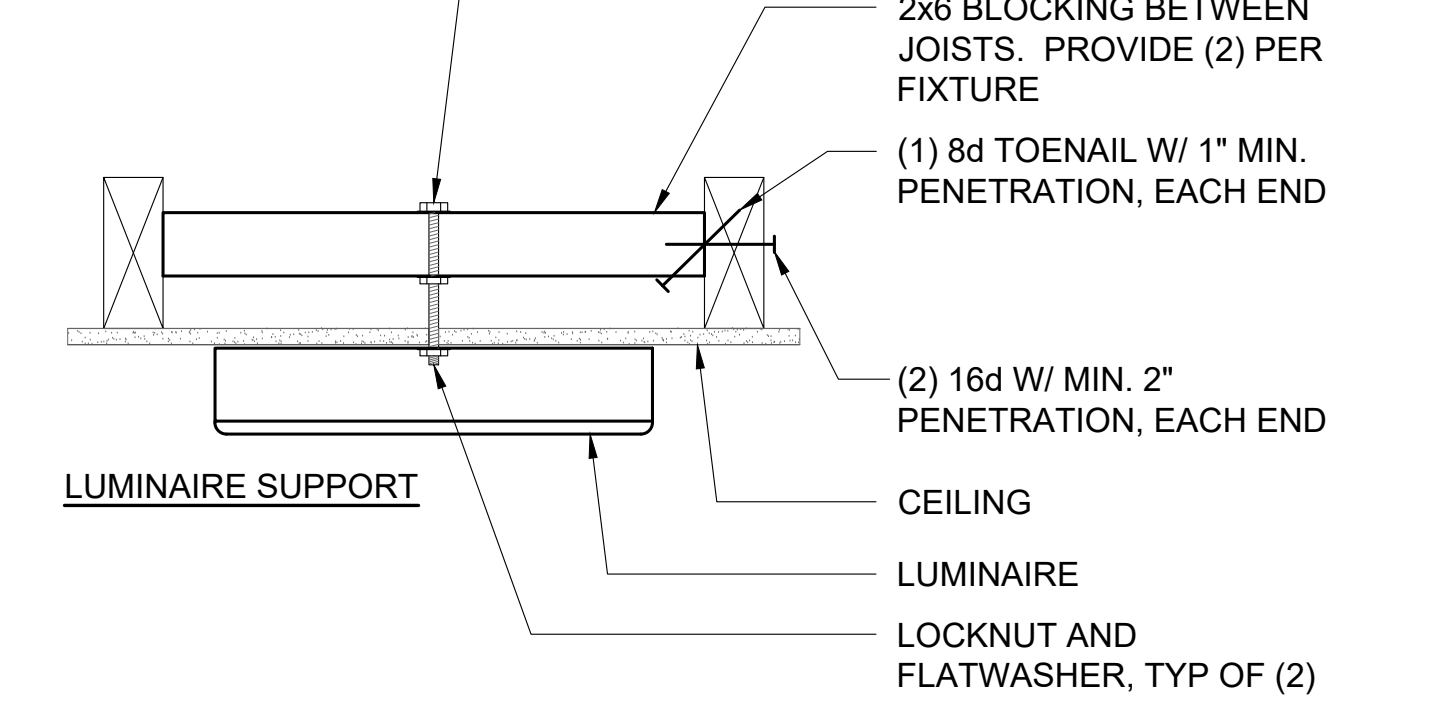
9 WOOD BOX SUPPORT

NO SCALE



4 CEILING SURFACE MOUNTED LUMINAIRE

NO SCALE



REQUIRED WORKING SPACE PER C.E.C. ARTICLE 110.36. WORKING CLEARANCE SHALL BE FLAT WITH NO OBSTRUCTIONS FROM FLOOR OR PLATFORM TO +6'-6"

CONDUIT RISERS, CONDENSATE DRAINS, PIPES, DUCTS, ETC. SHALL NOT BE LOCATED WITHIN MINIMUM WORKING SPACE.

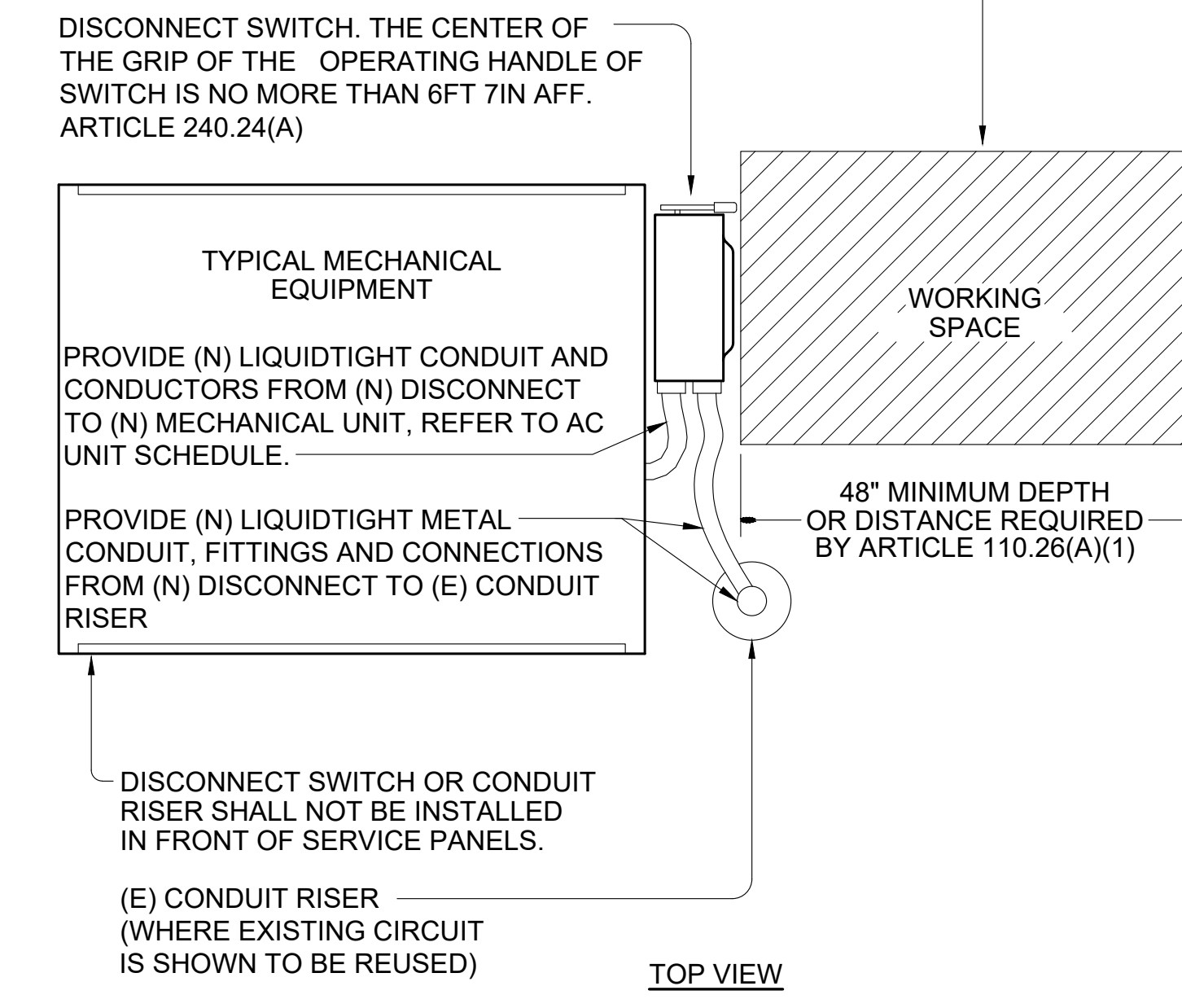
DISCONNECT SWITCH. THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF SWITCH IS NO MORE THAN 6FT 7IN AFF. ARTICLE 240.24(A)

PROVIDE (N) LIQUIDTIGHT CONDUIT AND CONDUCTORS FROM (N) DISCONNECT TO (N) MECHANICAL UNIT, REFER TO AC UNIT SCHEDULE.

PROVIDE (N) LIQUIDTIGHT METAL CONDUIT, FITTINGS AND CONNECTIONS FROM (N) DISCONNECT TO (E) CONDUIT RISER

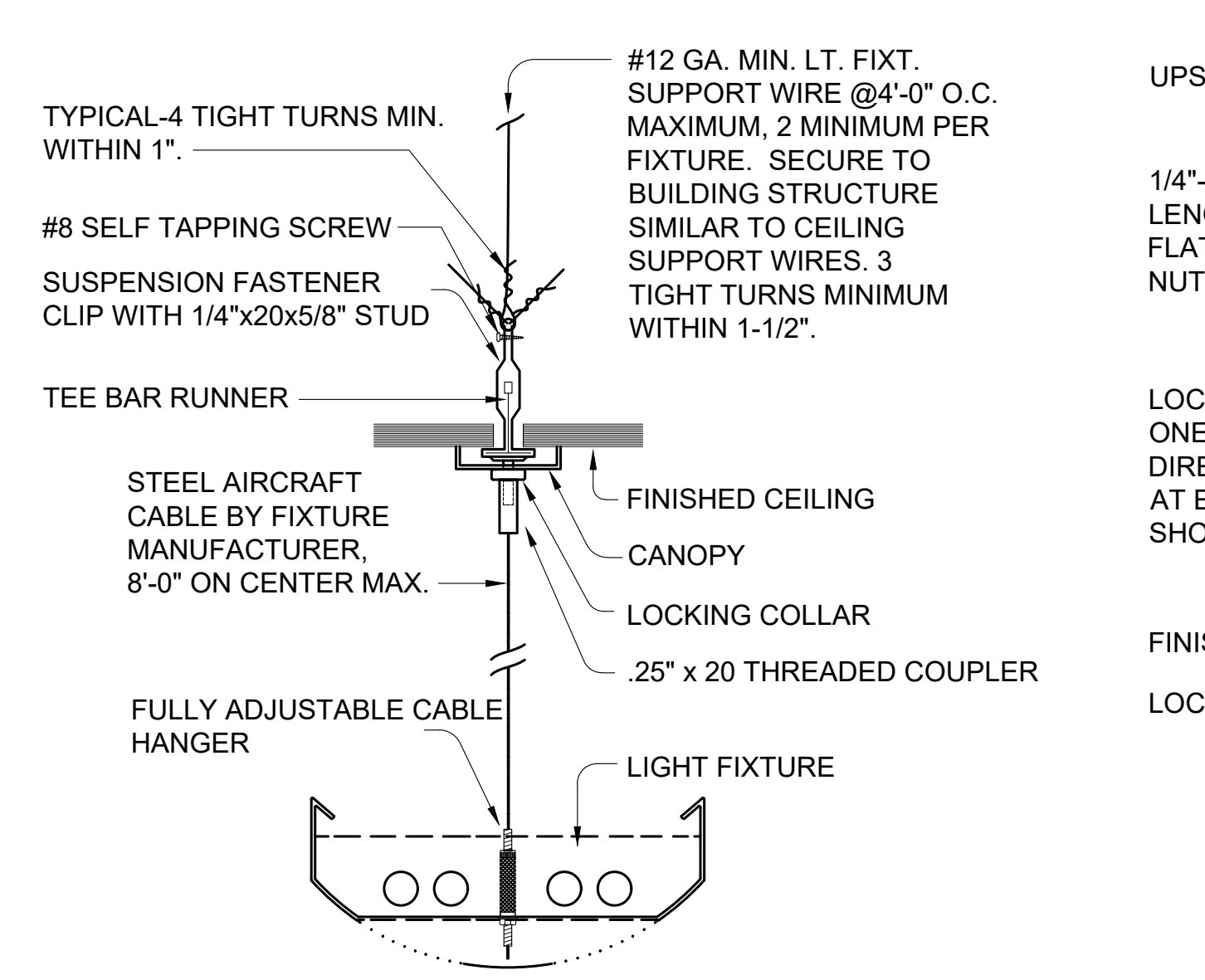
DISCONNECT SWITCH OR CONDUIT RISER SHALL NOT BE INSTALLED IN FRONT OF SERVICE PANELS.

(E) CONDUIT RISER (WHERE EXISTING CIRCUIT IS SHOWN TO BE REUSED)



5 TYPICAL FUSED DISCONNECT WORKING CLEARANCE & LIQUIDTIGHT CONDUIT CONNECTION

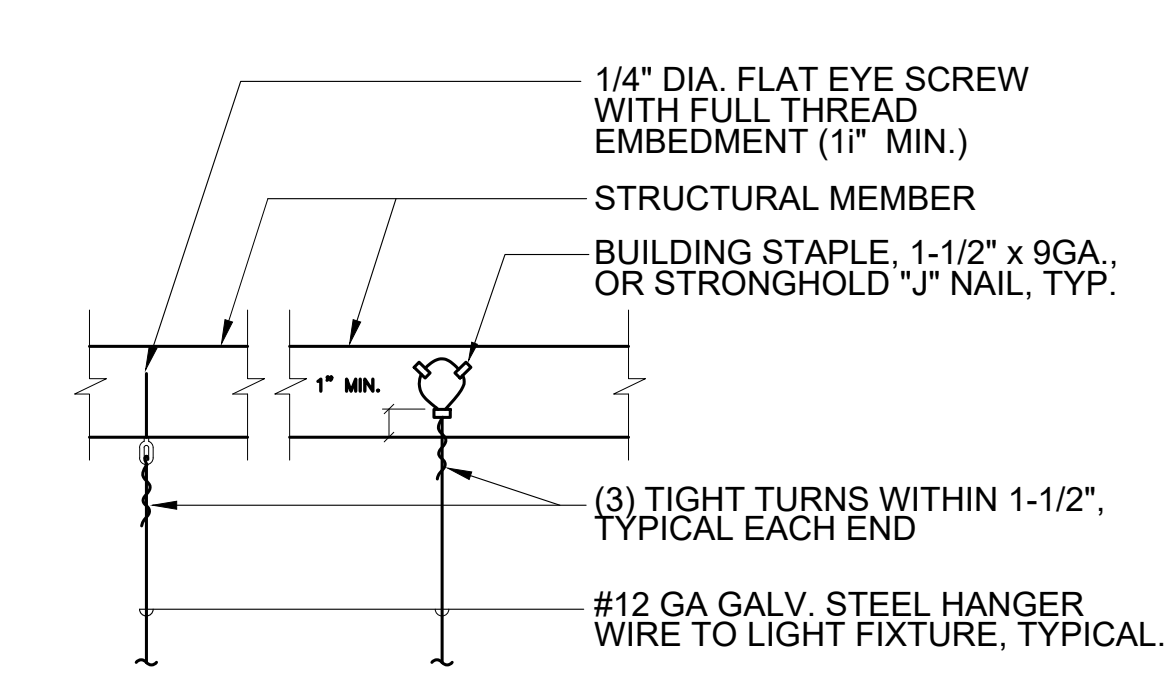
NO SCALE



6 SUSPENDED PENDANT FIXTURE

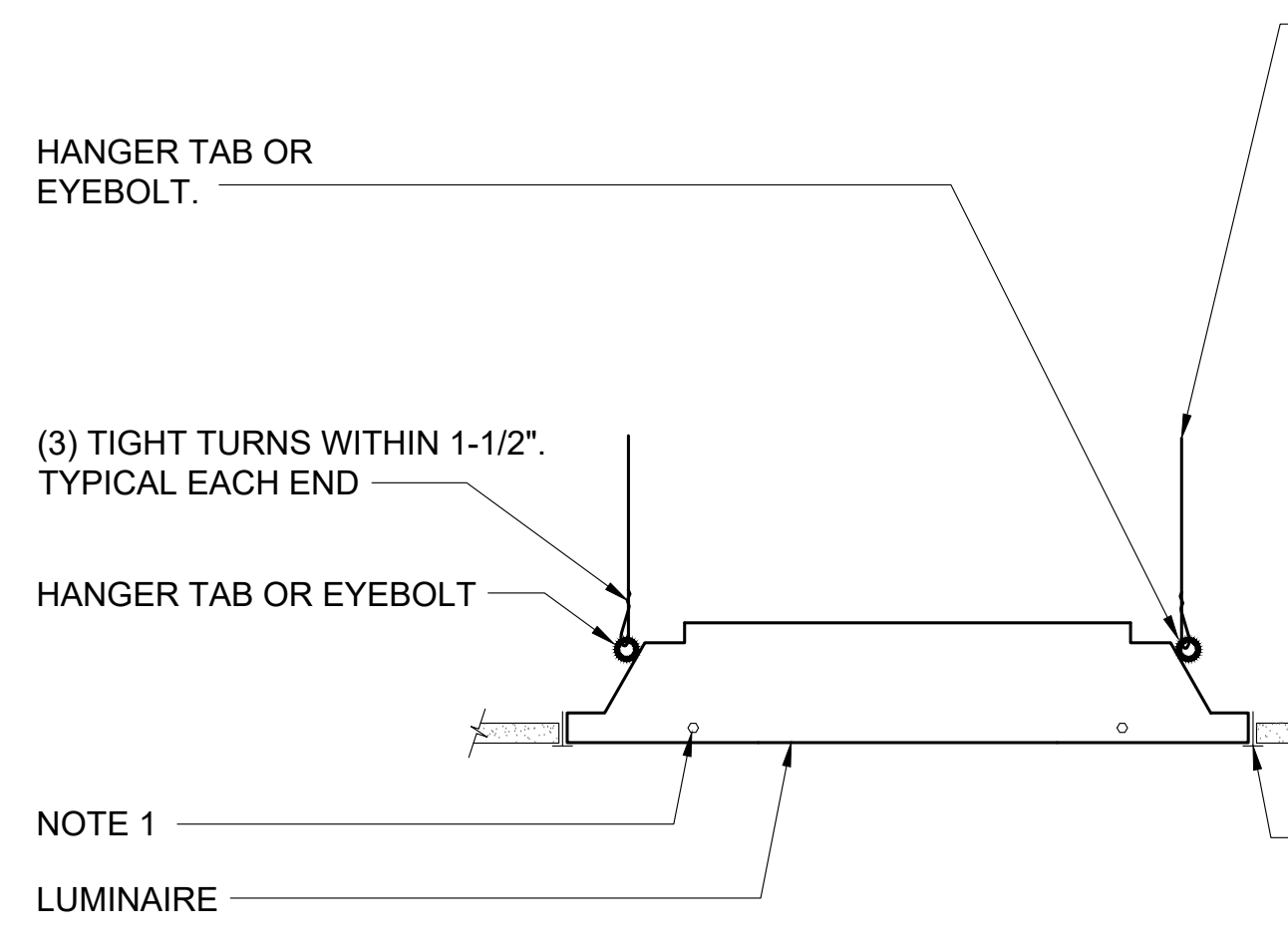
NO SCALE

NOTE: FULLY ADJUSTABLE CABLE HANGERS, THREADED COUPLERS, LOCKING COLLARS AND CANOPIES ARE PROVIDED BY FIXTURE MANUFACTURER.



1 DETAIL - LIGHT FIXTURE SUPPORT

NO SCALE

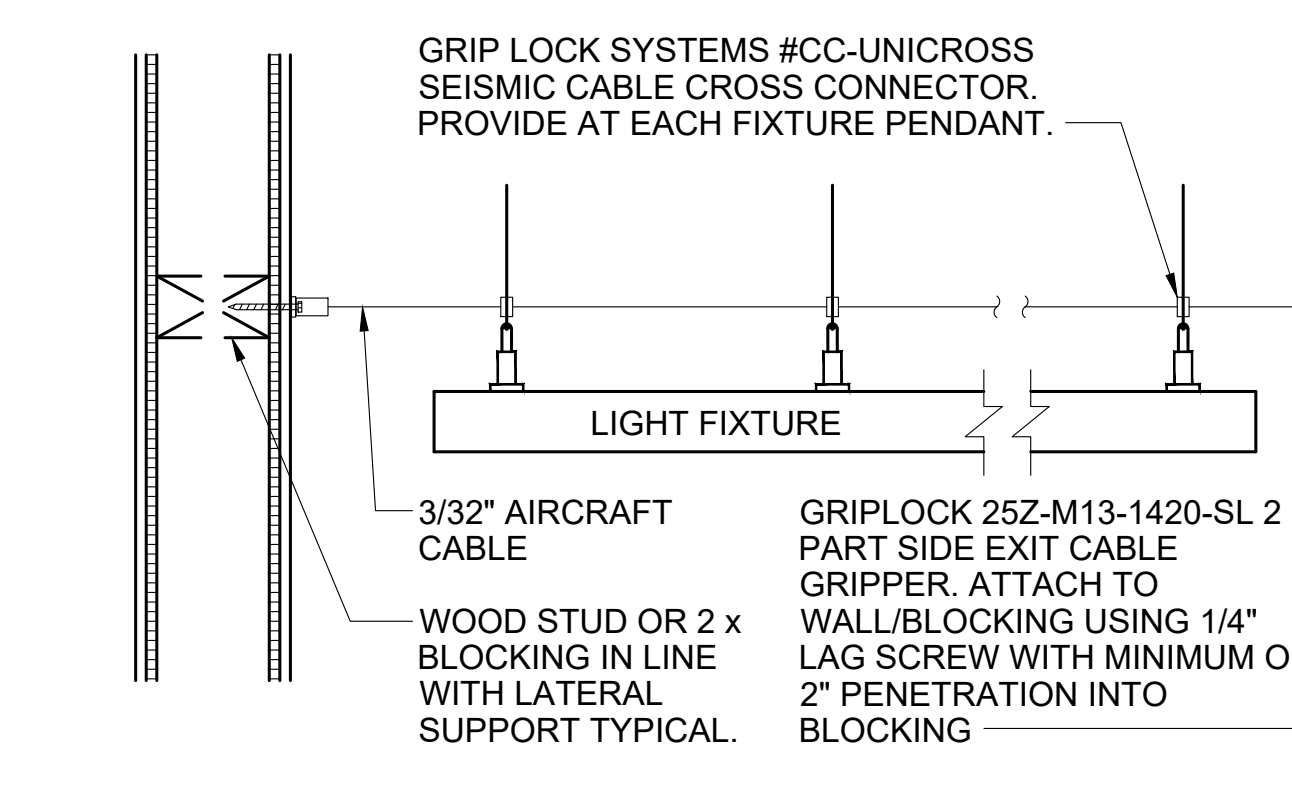


NOTES:

1. SECURE FIXTURES TO T-BAR SYSTEM WITH (2) 1/8" DIAMETER ZINC PLATED SELF TAPPING "TEK" SCREWS AT EACH END. POINTED SHEET METAL SCREWS ARE NOT ACCEPTABLE. DRILL FIXTURES AND T-BAR RUNNER AS REQUIRED. LOCATE SUCH THAT SCREWS DO NOT INTERFERE WITH DOOR OPERATION.

2 DETAIL - TYPICAL LAY-IN FIXTURE MOUNTING

NO SCALE

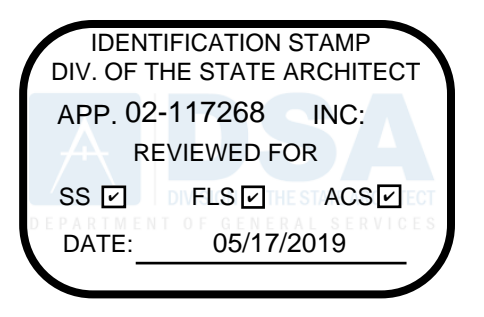
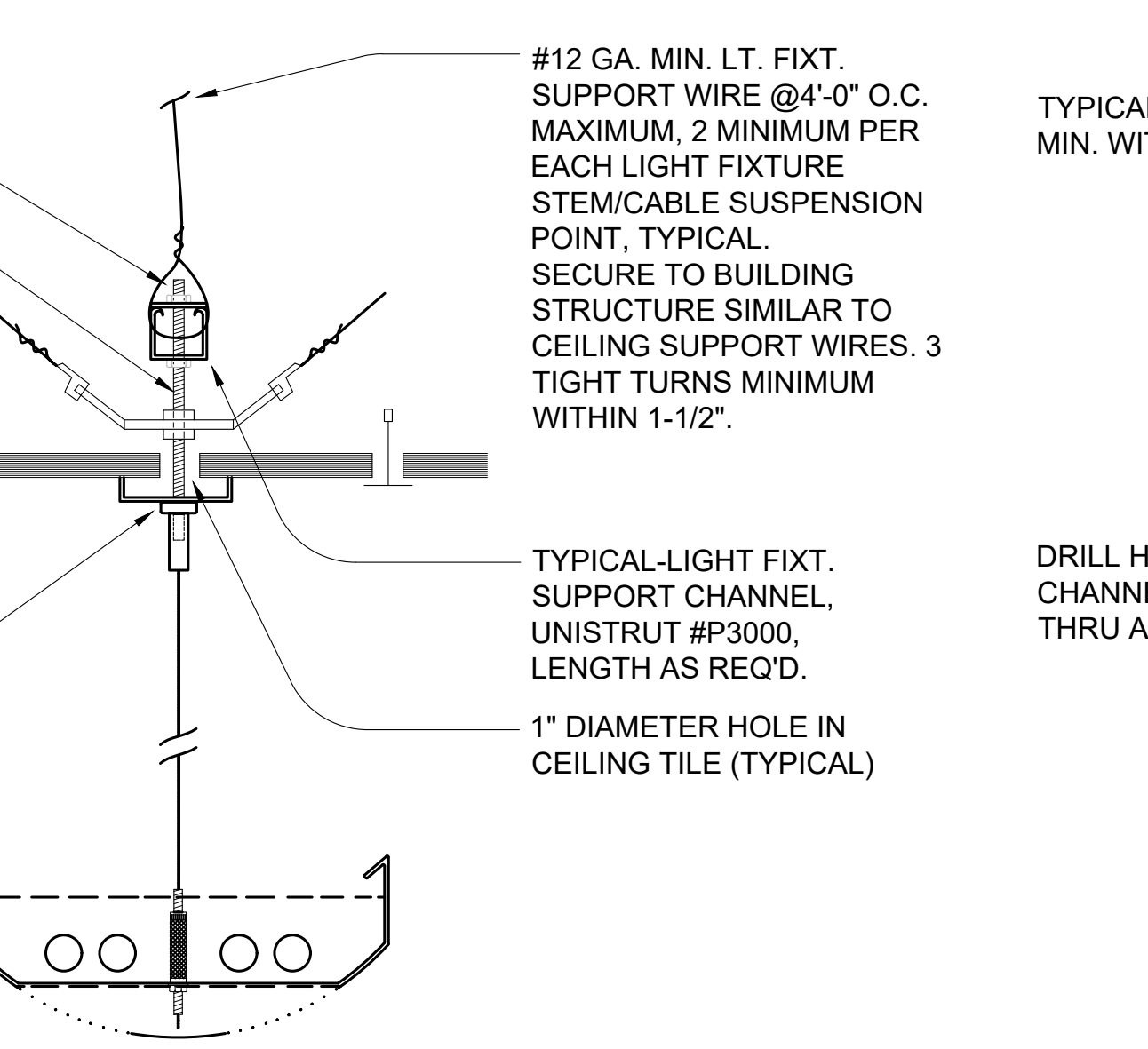


NOTES:

1. RESTRAINT SHALL PREVENT FIXTURE CONTACTING OBSTRUCTIONS DURING REQUIRED 45" SWAY PER STATE BUILDING CODE TITLE 24 PART 2 C.C.R. COORDINATE ALL WORK WITH OTHER TRADES. NOTIFY ARCHITECT IN CASE OF CONFLICT.
2. DIFFERENT INSTALLATIONS MAY BE REQUIRED DUE TO BUILDING MATERIALS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING INSTALLATION THAT FITS EACH CONDITION USING AIRCRAFT CABLE AS REQUIRED.
3. PROVIDE LATERAL RESTRAINT AS SHOWN ABOVE FOR ALL ROOMS AND AREAS WHERE FIXTURES CANNOT MEET NOTE 1.

3 SUSPENDED LIGHT FIXTURE RESTRAINT DETAIL

NO SCALE



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PROJECT

MARGARET SCOTTEN ES MODERNIZATION 2019

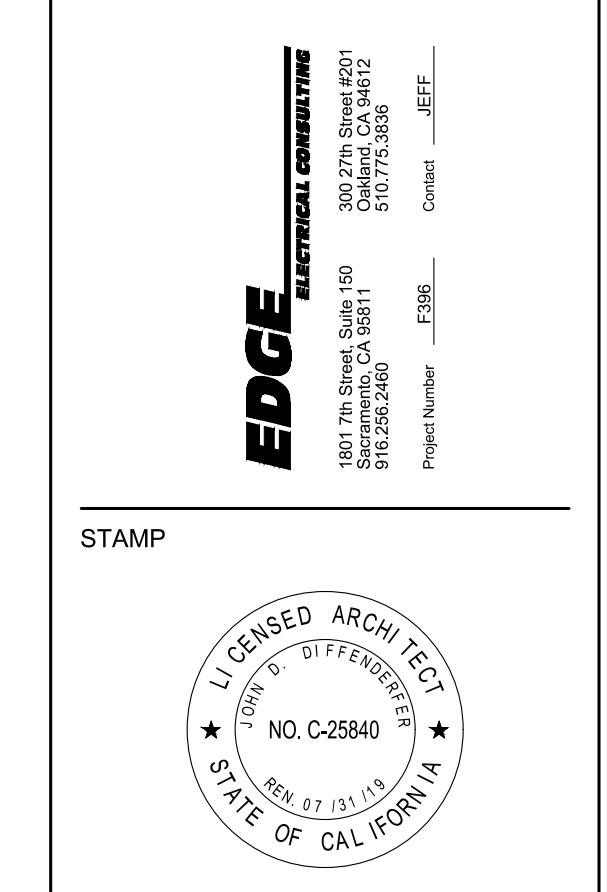
Grass Valley School District

GRASS VALLEY SCHOOL DISTRICT

CONSULTANT

EDGE CONSULTING

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Bloomington, CA 97403
Phone: (530) 865-1111
Fax: (530) 865-1112



STATE

REVISIONS

No.	Description
△	

MILESTONES

SD

DD

50% CD

90% CD

DSA SUB 01/11/2019

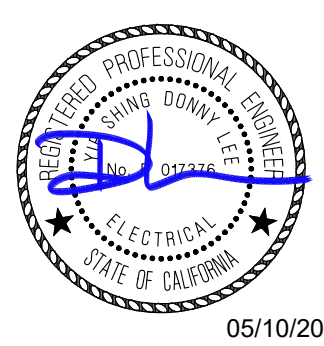
SHEET

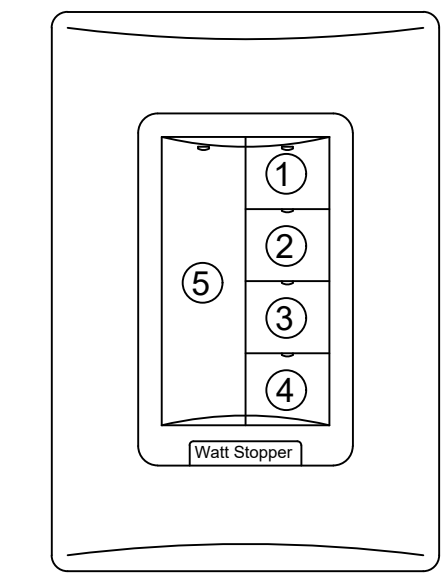
ELECTRICAL DETAILS

DATE 11/15/2018

JOB # 2018045

SHEET # **E5.01**

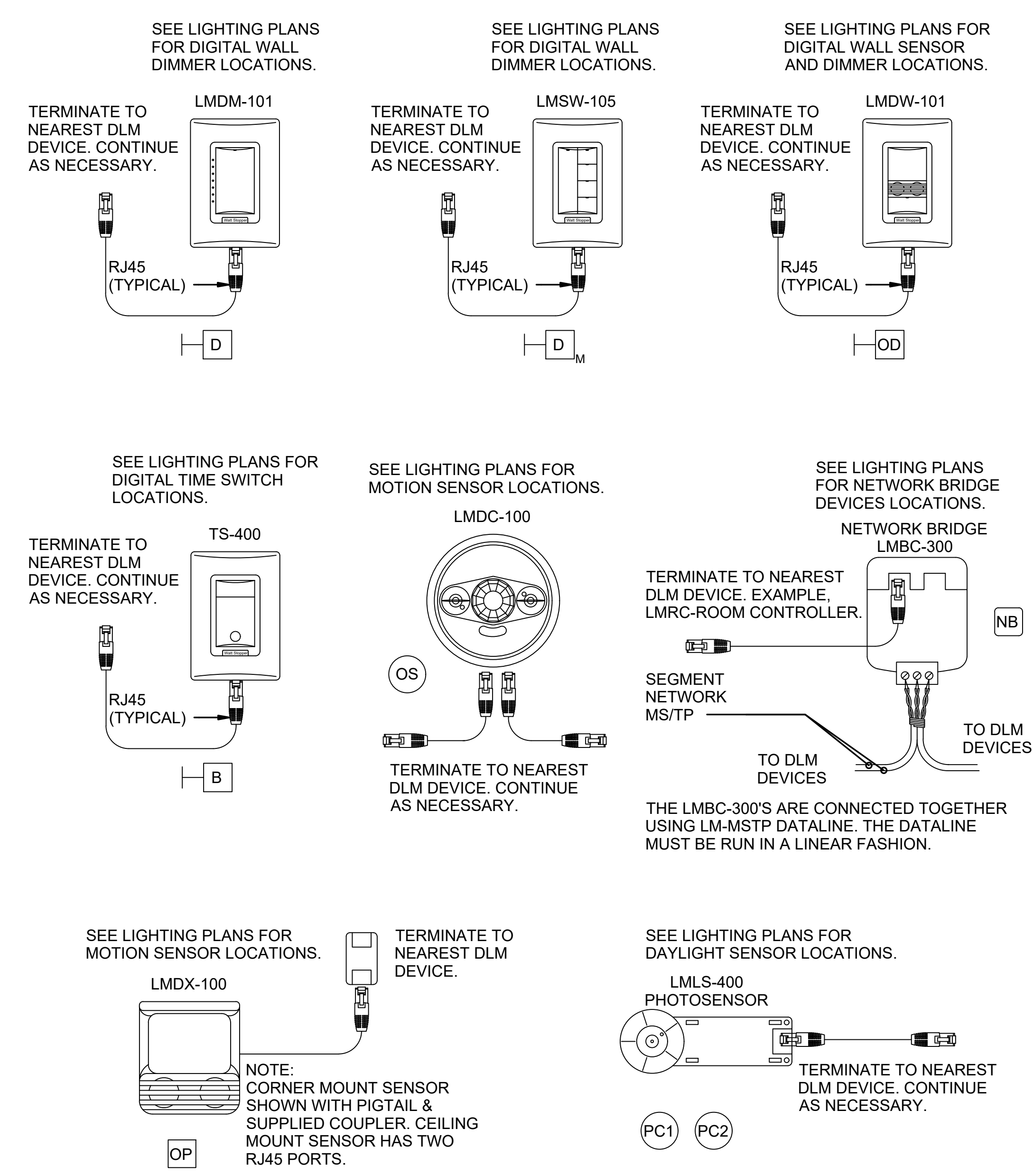
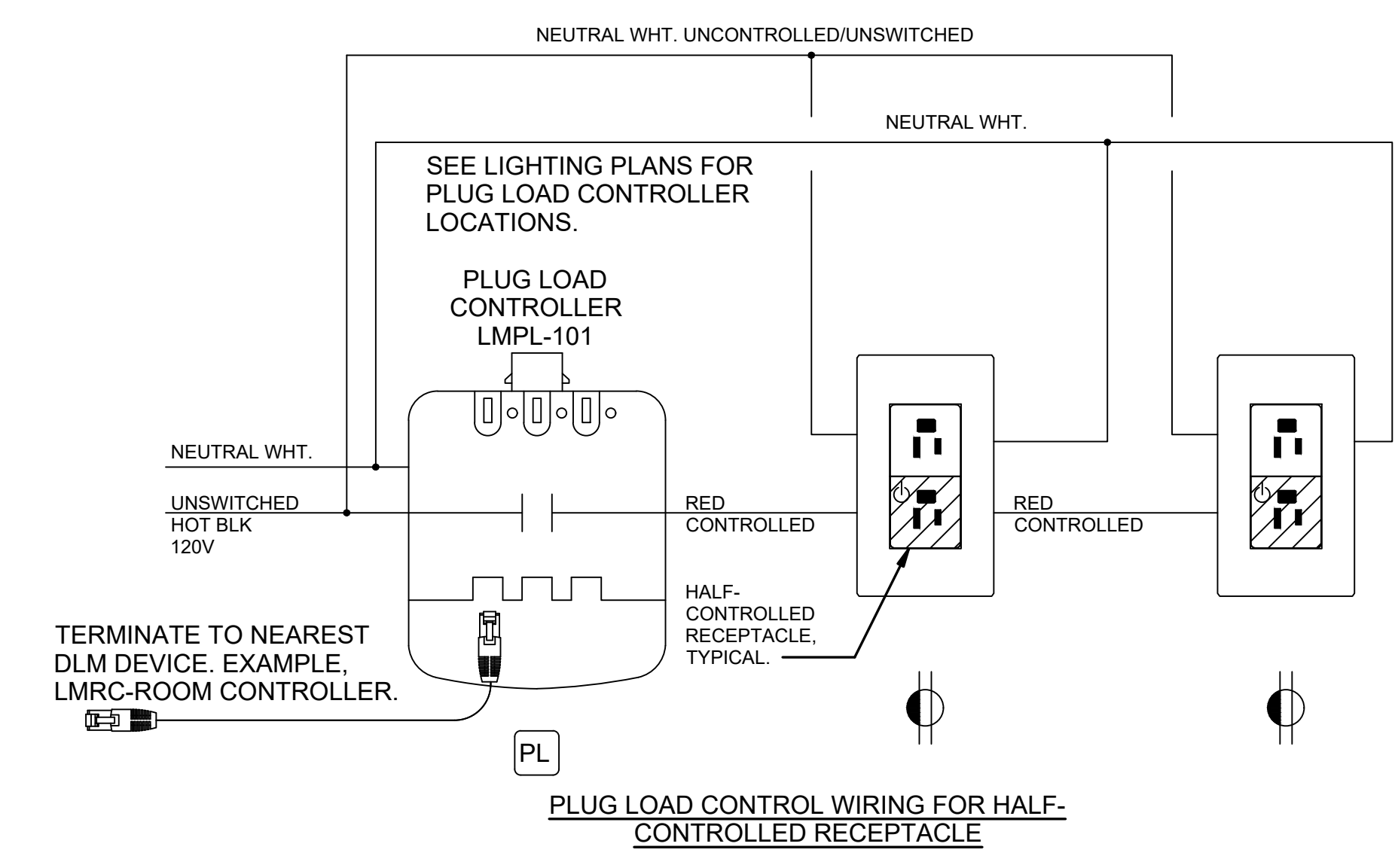
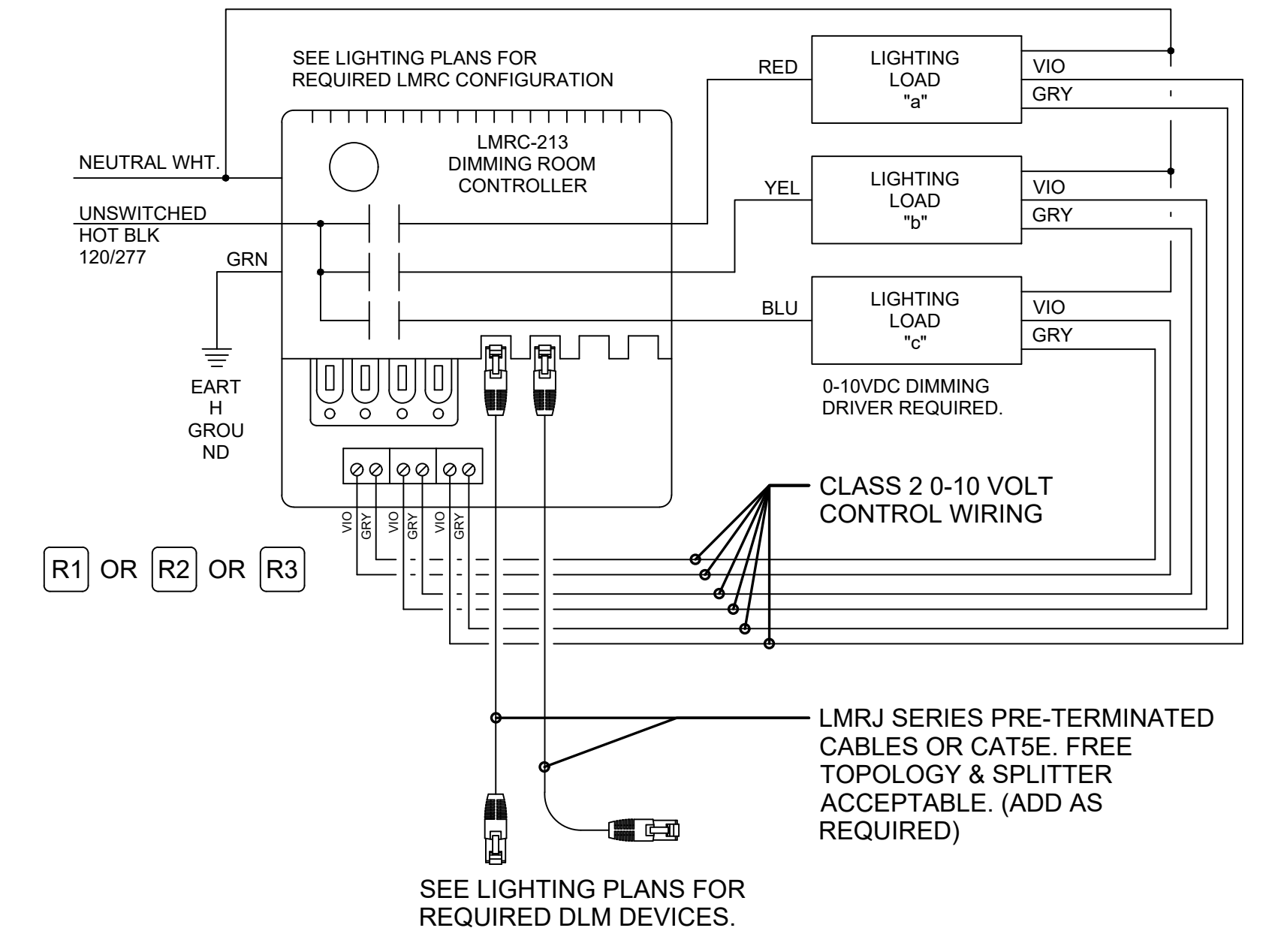




BUTTON	ENGRAVING	SETTING
1	ON	100%
2	HALF	50%
3	A/V	25%
4	OFF	0
5	(NONE)	0%-100%

NOTE:
 PROVIDE CUSTOM ENGRAVING AS SHOWN.

2 DETAIL - MASTER DIMMER
 SCALE: NONE



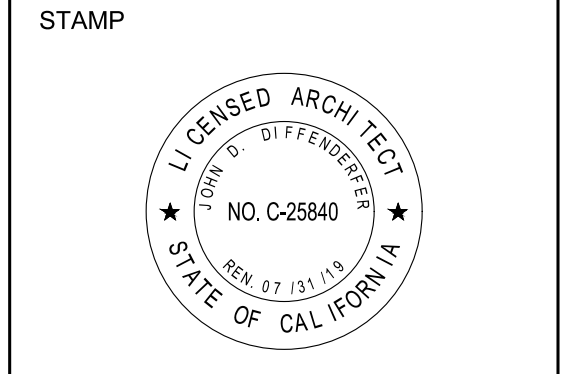
1 TYPICAL WIRING DIAGRAM FOR WATTSTOPPER DLM ROOM CONTROLLER W/ DLM CONTROL DEVICE
 SCALE: NONE

PROJECT
MARGARET SCOTTEN ES MODERNIZATION 2019



Grass Valley School District
 GRASS VALLEY SCHOOL DISTRICT

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 Project Number: E2019-001



STATE

REVISIONS
No. Description
 △

MILESTONES
 SD
 DD
 50% CD
 90% CD
 DSA SUB 01/11/2019

LIGHTING DIAGRAMS

DATE 11/15/2018
 JOB # 2018045
 SHEET # **E5.11**

