



## **Business Services**

### **Contracts Office**

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### **ADDENDUM NO. 3**

Date: April 1, 2019

Issued by: Sacramento City Unified School District

**Project: 0490-416, Sutter Structural Repairs**

You are hereby notified of the following changes, clarifications, or modifications to the original Contract Documents, Specifications, and Drawings. This Addendum shall supersede the original project documents, and shall take precedence over anything to the contrary therein. All Addenda shall be acknowledged in the Bid Form. Failure to do so may result in disqualification of the bid. All other conditions remain unchanged.

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1. ALL WORKMANSHIP, MATERIALS, APPLIANCES AND EQUIPMENT which may be included in the following items shall be the same relative quantity as described for similar work set forth in the original or main specifications of which these Addendum items shall be considered a part.
  2. ADDENDUM DRAWINGS (included with this addendum)  
The following Addendum drawings modify or supplement the issued bid documents.

AD1.01	REVISION TO SHEET A2.1
AD1.02	REVISION TO SHEET S1.1.0
AD1.03	REVISION TO SHEET S1.1.1
AD1.04	REVISION TO SHEET S2.1.0
AD1.05	REVISION TO SHEET S2.1.1
  3. PROJECT MANUAL
    - A. None
  4. DRAWINGS
    - A. Sheet A2.1, Partial Floor Plans
      1. DELETE this sheet in its entirety and REPLACE with drawing AD1.1 included with this addendum.
    - B. Sheet AS1.1.0, General Notes
      1. DELETE this sheet in its entirety and REPLACE with drawing AD1.2 included with this addendum.
    - C. Sheet S1.1.1, Repair Details

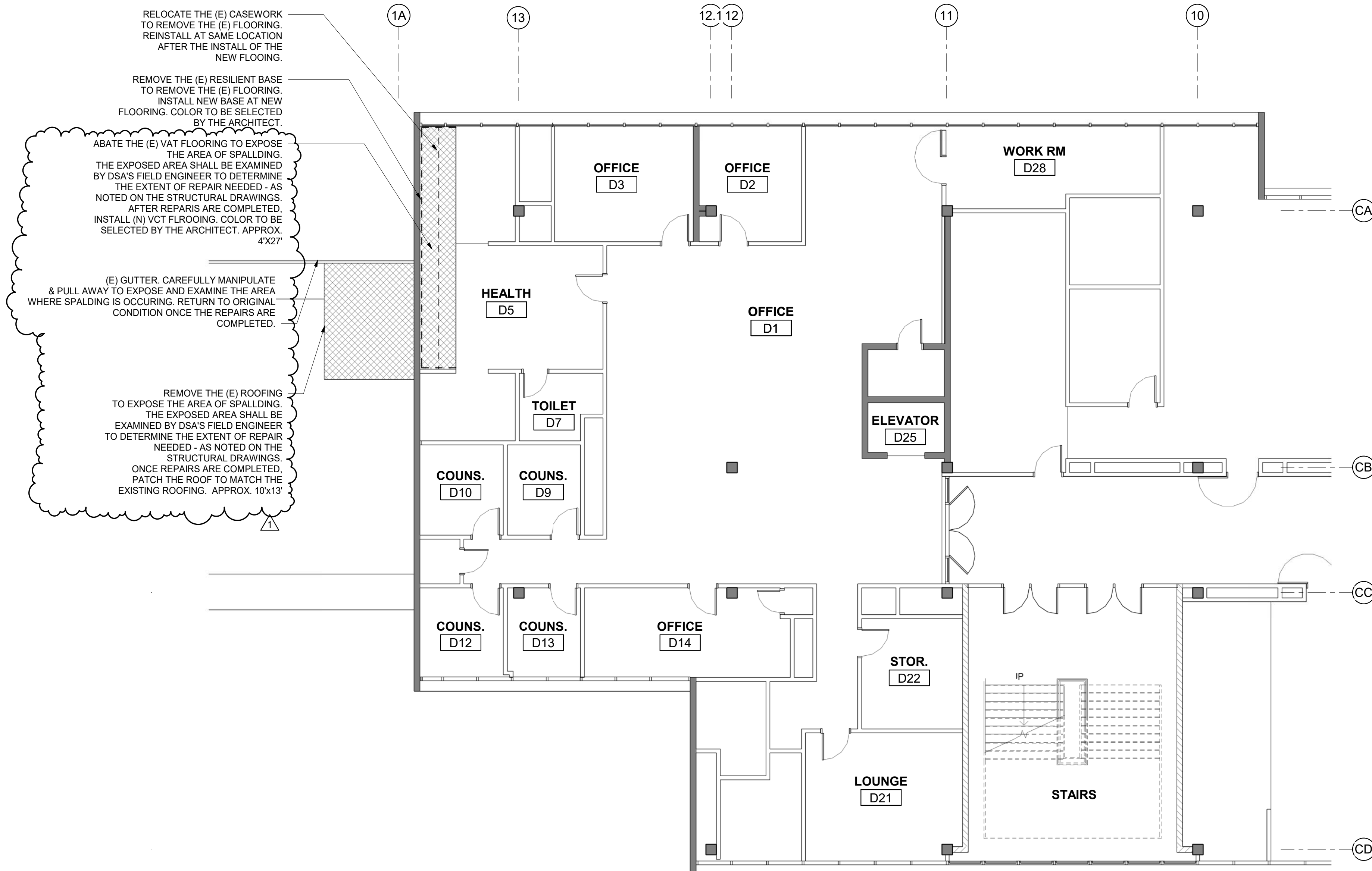


1. DELETE this sheet in its entirety and REPLACE with drawing AD1.3 included with this addendum.
  - D. Sheet S2.1.0, Repair Floor Plan – Units A1/B
    1. DELETE this sheet in its entirety and REPLACE with drawing AD1.2 included with this addendum.
  - E. Sheet S2.1.1, Repair Floor Plan – Units C & D
    1. DELETE this sheet in its entirety and REPLACE with drawing AD1.5 included with this addendum.
5. REQUESTS FOR INFORMATION
- A. Responses to Requests for Information (RFIs) submitted by the deadline are attached.

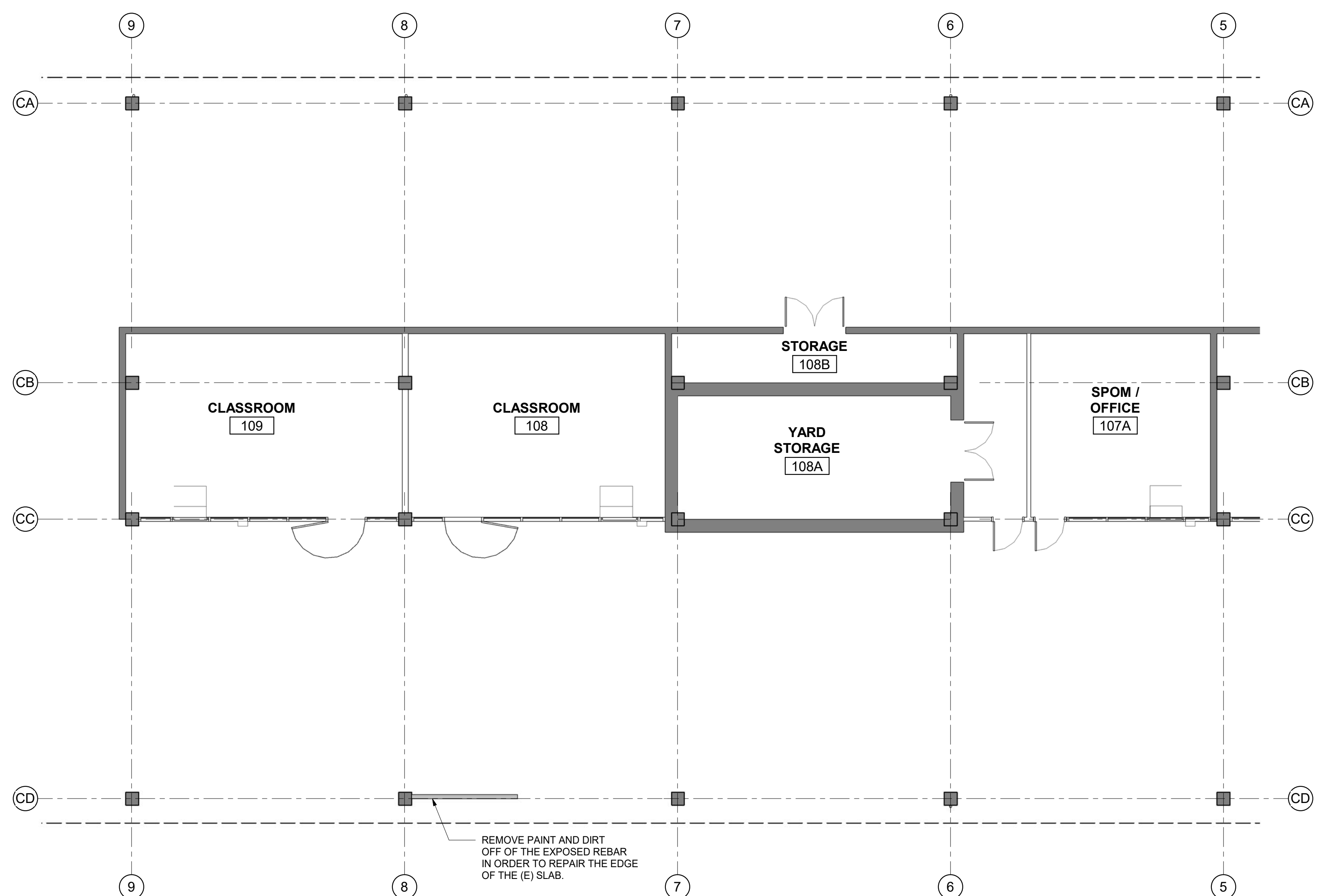
**END OF ADDENDUM NO. 3**

Bid No. 0490-416, Sutter Structural Repairs  
Responses to Requests for Information

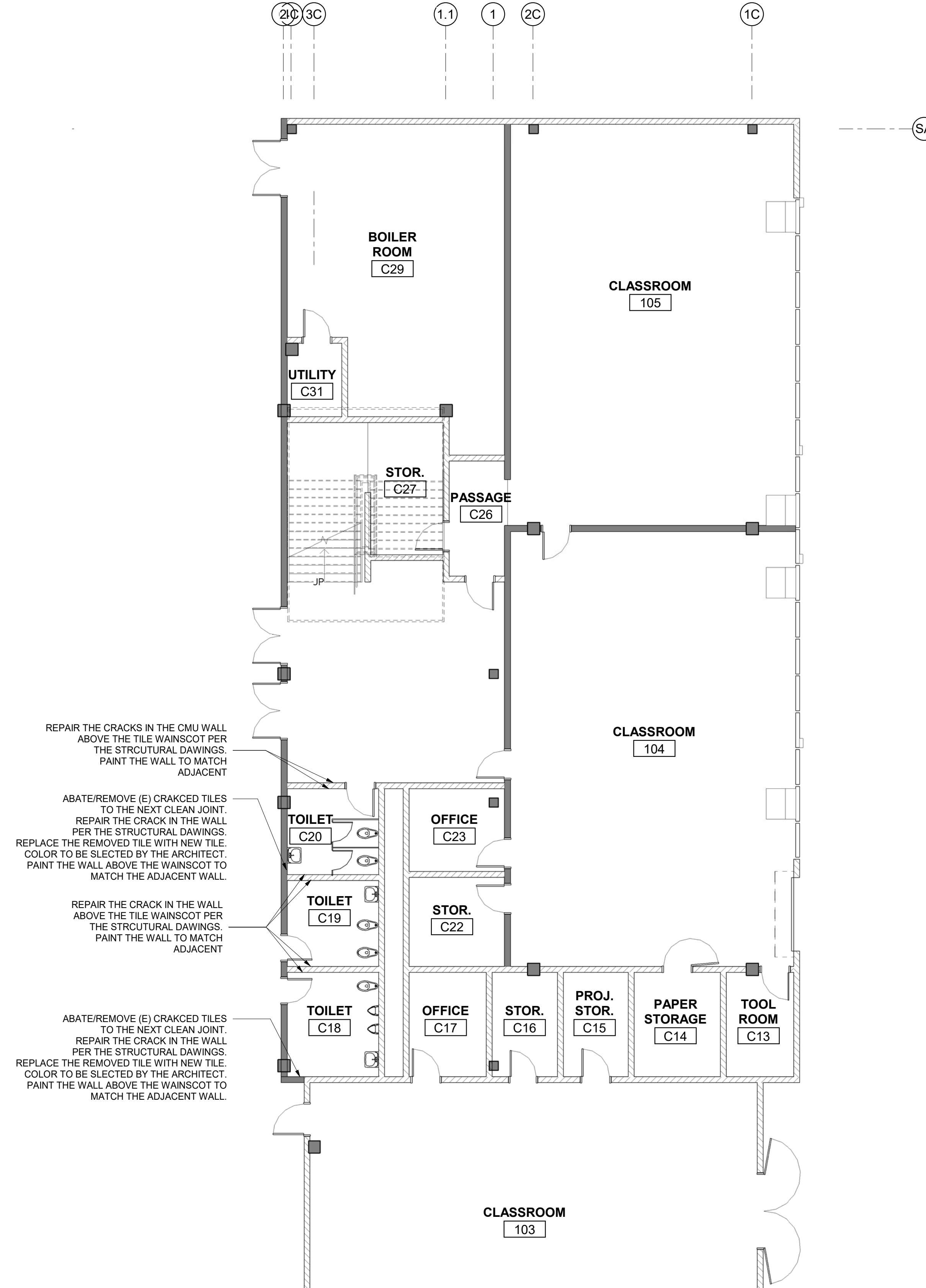
#	Bidder Name	Date Asked	Subject	Question	Response
1	ICHOR RESTORATION	4/6/2019	Structural Sheets	Bid docs include 6 sheets of drawings. Title sheet A0.1 lists (2) A-sheets and (4) S-sheets, however, S-Sheet S1.1.0 lists several Structural sheets that are not part of the drawings provided (S2.1.2, S2.1.3, S2.4.0, and SSK-1 are not included). Please clarify if these sheets are necessary and/or contain portions of the current contract work.	The provided sheets are correct. Sheet list has been edited to match
2	ICHOR RESTORATION	4/6/2019	Concrete crack injection Qty	Sheet S2.1.0, Unit B, callout @ approx gridline BE indicates concrete crack repair to precast concrete panel via epoxy injection of approx 4 LF, however there are 2 arrows. Is that intended to indicate (2) cracks with a combined total of 4 LF, or (2) separate cracks of 4 LF each (i.e. 8 LF total in that location)?	The length is to apply to each arrow. i.e. 8' total in length
3	ICHOR RESTORATION	4/6/2019	CMU crack injection Qty	Sheet S2.1.1, Unit C & D, callout arrows (bubbled) @ approx gridlines CC/2 or CC/4C, indicates crack repair to CMU via epoxy injection, however no quantity for bid purposes is provided similar to the other callout for CMU crack injection. Please clarify and provide a quantity as basis for bid in this location.	<b>Approximate</b> length has been added. This length is subject to being increased after the finish/tile has been removed to find the full extent of each crack.
4	ICHOR RESTORATION	4/6/2019	Floor Crack Repair	Sheet A2.1, DWG 2 - Bldg D Second Floor. near gridline 1A, two callouts indicate removal of both (E) VAT flooring and (E) roofing in order to perform floor crack repairs "Per the Structural Drawings". However, there is no indication of nor quantity for these floor crack repairs in the S-sheets. Please clarify and provide a LF floor crack repair quantity as a basis for bid.	Only removal and replacement of architectural elements to be included in bid. Repair of structure to be per structural comment: "Further investigation must occur to repair this area in coordination with DSA field engineer. A CCD will be DSA reviewed and approved prior to repair"
5	ICHOR RESTORATION	4/8/2019	CMU crack epoxy injection repairs	Can you please confirm that the CMU walls designated for epoxy injection crack repair are fully grouted?	CMU walls are fully grouted



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



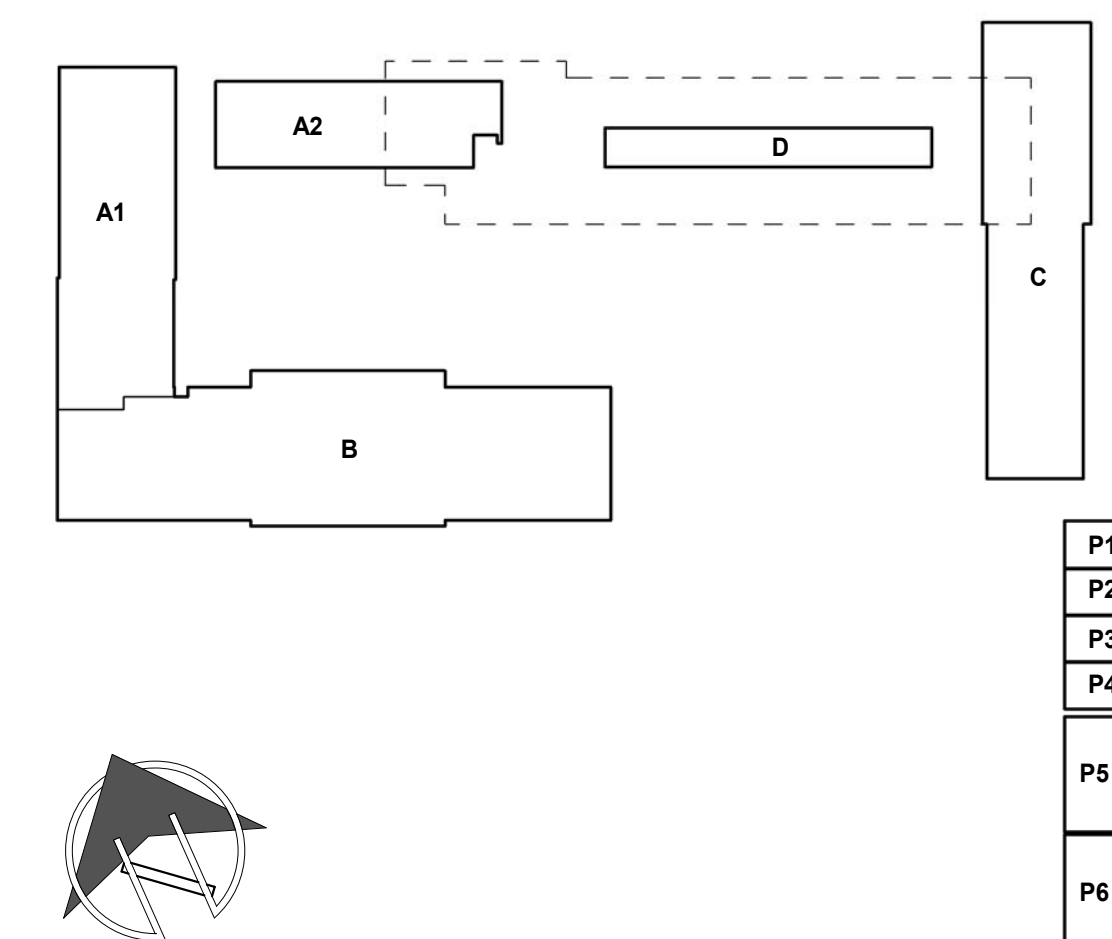
3 PARTIAL PLAN - UNIT D FIRST FLOOR PLAN  
1/8" = 1'-0"



1 PARTIAL FLOOR PLAN - BUILDING C  
1/8" = 1'-0"

NOTE:  
1. REFER TO THE STRUCTURAL DRAWINGS FOR THE FULL SCOPE OF STRUCTURAL REPAIRS.  
2. PROTECT ALL ADJACENT SURFACES PRIOR TO THE START OF WORK.  
3. MASK AROUND ALL CRACKS THAT ARE TO RECEIVE EPOXY INJECTIONS IN A MANNER SO AS TO PREVENT ANY EPOXY OVERFLOW AND TO ACHIEVE A CLEAN FINAL LOOK.  
4. PRIOR TO THE START OF REPAIRS, COVER THE INTERIOR FACE OF THE WALLS RECEIVING EPOXY INJECTION WITH PLASTIC SHEETS AND OBSERVE FOR ANY EPOXY PASSING THROUGH THE BACK SIDE OF THE CRACK.

## KEY MAP



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DSA	File No. 34-53 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT <b>02-115661</b> AC FLS SS DATE	LICENSED ARCHITECT DAVID RICHARD GRAU C23405 RENEWAL DATE STATE OF CALIFORNIA
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## SUTTER MIDDLE SCHOOL - HVAC REPLACEMENT

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
SACRAMENTO, CA

## PARTIAL FLOOR PLANS

Revision	DRAWN Author	PROJECT NO.
ADDENDUM 1 04/12/19	CHECKED Checker	DATE 15-1225 01
SCALE As indicated	SHEET	04/12/19
		<b>A2.1</b>

GENERAL NOTES  
APPLICABLE TO ALL DRAWINGS UNLESS NOTED OR SHOWN OTHERWISE

GENERAL NOTES

1. Interpretation of Drawings & Specifications
- a. Where specifications have been referenced for this project, they are arranged in several sections, but such separation shall not be considered as the limits of the work required or an separate trade. The terms and conditions of such specifications are wholly between the contractor and his subcontractors.
- b. In general, the working details will indicate dimensions, position and kind of construction, and the specifications, quantities and methods. Any work indicated on the working details and not mentioned in the specifications, or vice versa, shall be furnished as though indicated as though indicated, or particularly detailed, marked or specified, shall be identical or similar to like cases or construction that are detailed, marked or specified. If conflicts occur on drawings and/or specifications, the most extensive materials or methods shall prevail.
- c. Should an error appear in the working details or specifications or in work done by others affecting this work, the Contractor shall notify the Architect at once and in writing. If the Contractor proceeds with the work as directed without having given such written notice and without receiving the necessary approval, decision or instructions in writing from the Owner, then he shall have no valid claim against the Owner for the cost of so proceeding and shall make good any resulting damage or defect. No verbal approval, decision, or instruction shall be valid or be the basis for any claim against the Owner, its officers, employees or agents. The foregoing includes typical errors in the specification or notational errors in the working details where the interpretation is doubtful or where the error is sufficiently apparent as to place a reasonably prudent contractor on notice that, should he elect to proceed, he is doing so at his own risk.
2. Construction shall conform to all applicable codes and regulations.
3. Shop Drawings
- a. When not addressed by division of the specifications, paper format Structural Shop Drawings shall be submitted in the form of three copies minimum of each sheet, where submittals are electronic, format shall be PDF.
- b. The purpose of Shop Drawing submittals by the Contractor is to demonstrate to the Structural Engineer that he understands the design concept by indicating which material he intends to furnish and install, and by detailing the fabrication and installation methods he intends to use on a stand alone set of documents. Publication of design documents for the purpose of shop drawings is not acceptable.
- c. Prior to fabrication, Shop Drawings shall be submitted for review by the Structural Engineer. Shop Drawing submittals shall include, but are not necessarily limited to, structural steel, reinforcing steel, & pre-estimated beams.
- d. Prior to submission the Contractor shall review all submittals for conformance with the Contract Documents and shall stamp submittals as being "Reviewed for Conformance".
- e. Shop Drawing submittals processed by the Structural Engineer are not Change Orders.
- f. Any detail on the Shop Drawings that deviates from the Contract Documents shall clearly be marked with the note "This is a change".
- g. Shop drawings or calculations submitted for review that require resubmittal for review shall be submitted to the Structural Engineer for review. No review will not proceed without written approval from the General Contractor or additional engineering review services.
4. Safety Notes
- a. It is the Contractor's responsibility to comply with the pertinent sections, as they apply to this project, of the "Construction Safety Orders" issued by the State of California latest edition, and all OSHA requirements.
- b. The Contractor shall be responsible for adequate design and construction of all forms and shoring required. Shoring indications (location, direction, duration, etc.) are only shown on the Structural drawings when required to implement the design intent of the final work product. Determination whether shoring is required for temporary or intermediate conditions during construction is wholly the responsibility of the contractor.
- c. The Owner and the Structural Engineer shall not accept any responsibility for the Contractor's failure to comply with these requirements.
5. The contractor shall notify the Architect and Structural Engineer where a conflict or discrepancy occurs between the Structural drawings and any other portion of the Contract Documents or existing field conditions. Such notification shall be given in due time so as not to affect the construction schedule. In case of a conflict between Structural drawings and specifications the more restrictive condition shall take precedence unless written approval has been given for the least restrictive. Contractor shall verify all dimensions with Architectural prior to commencing any work.
6. Where no specific detail is shown, the construction shall be identical or similar to that indicated for like cases of construction on this project. Should there be any question, contact the Architect and Structural Engineer prior to proceeding.
7. When construction attaches to or is within an existing building, a complete set of drawings of the existing building shall be kept on the job site. Contractor to obtain these drawings from the Owner (if they are available).
8. Contractor shall provide an allowance equal to 3% of the bid for structural steel, misc. iron and reinforcing steel to be used at the discretion of the Structural Engineer. Unused and/or rejected materials shall be returned to the job site.
9. Any substitutions for structural members, hardware or details shall be reviewed by the Architect and Structural Engineer. Such review will be detailed on time and materials basis to the General Contractor with no guarantee that the substitution will be allowed.
10. Do not scale drawings. Contact the Architect or Structural Engineer for any dimensions not shown.
11. These drawings are not complete until reviewed and accepted by the enforcement agency and signed by the Structural Engineer.

ABBREVIATIONS

AB	Anchor Bolt	MT	Malleable Iron
ABV	Above	MTI	Metal
agg	Aggregate	(N)	Nail
BL	Below	NC	Not in Contact
bot	Bottom of Footing	NS	Near Side
brg	Bearing	nts	Not to Scale
brwn	Brown	NW	Normal Weight
cc	Center to Center	OH	Opposite Hand
cc	Construction Joint	OBS	Oriented Strand Board
cl	Clear	OSHDP	Office of Statewide Health Planning & Development
CMU	Concrete Masonry Unit	pc	Piece
cont	Continuous	pc	Partial Joint Penetration
contr	Contractor	PT	Pressure Treated
CP	Complete Joint Penetration	rein	Reinforcing
ck	Counterink	rd	Radius
DL	Dead Load	SC	Shear Critical
DO	Drift	shg	Shedding
DOA	Division of the State Architect	slm	Similar
dwg	Drawing	SL	Slab Control Joint
(e)	Existing	SM	Sheet Metal Screw
EF	Each Face or Edge Fastener	SP	Structural Panel
EF	Expansion Joint	stfr	Stiffener
Elev	Elevation	stl	Steel
EN	Edge Nailing	stgrd	Staggered
ese	Edge of Slab	tbl	Top Bottom
eq	Equal	tblg	Tongue & Groove
EN	Each Way	trnd	Threaded
ENF	Each Way, Each Face	tn	Tie Nail
FB	Face of Block (or Brick) or Flat Bar	top	Top of
FC	Face of Concrete or Framing Clip (Simpson A35 unc)	top	Top of Concrete (slab unc)
FF	Finish Floor	top	Top of Framing
FS	Face of Stud or Flat Side	top	Top of Wall
FT	Fire Treated	unc	Unless Noted Otherwise
gd	Gauge or gage	ver	Verify in Field
gd	Gued Laminated Beam	w/o	Without
GD	Not Dipped Galvanized	w/o	Without
hd	Header	wp	Work Point
H99	High Strength Bolt	wp	Wood Screw
H99	High Structural Section	wp	Welded Wire Fabric
ht	Height	wp	Centerline
IOR	Inspector of Record	wp	Flange
JN	Joint Hanger	wp	Alloy Flange
LL	Live Load	wp	Round or Diameter
LLH	Long Leg Horizontal	wp	Round or Diameter
LLV	Long Leg Vertical	wp	Round or Diameter
LS	Leg Screw	wp	Round or Diameter
LN	Light Weight	wp	Round or Diameter
MB	Machine Bolt	wp	Round or Diameter
mfr	Manufacturer	wp	Round or Diameter

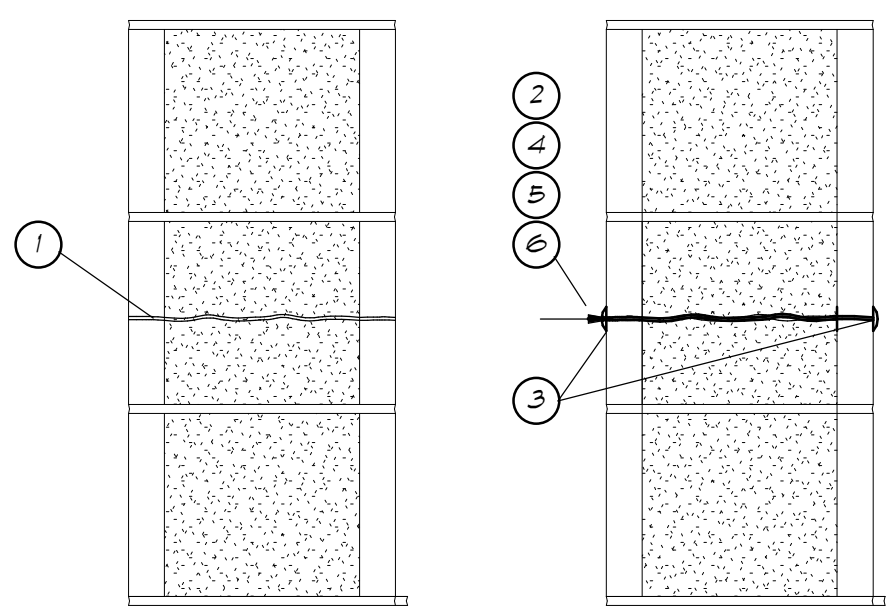
DESIGN CRITERIA

1. Codes and Standards
- a. Building Code (CBC w/ State of CA Amendments)
- b. ASCE 7-10
- c. ACI 318-11
- d. ASCE 8-02/ASCE 8-10/ASCE 8-11
- e. ASCE 8-11
- f. ASCE 8-11
2. Vertical loads
- a. Roof Live Load = 20 psf
- b. Floor Live Load = 40 psf
- c. Floor Partition Live Load = 15 psf
- d. Corridors = 100 psf
- e. Live loads are reduced where permitted by code.
3. Lateral loads
- a. Seismic
- b. Site Class: D
- c. S<sub>s</sub> = 0.25, S<sub>1</sub> = 0.25, S<sub>2</sub> = 0.25
- d. S<sub>1</sub> = 0.25, S<sub>2</sub> = 0.25
- e. S<sub>1</sub> = 0.25, S<sub>2</sub> = 0.25
- f. Risk Category: III

STATEMENT OF STRUCTURAL INSPECTIONS AND TESTING

1. Special inspections and testing shall be provided by an inspection agency, employed by the owner, and qualified by the building official to inspect the particular type of construction, tests and inspections as required by sections 104.4, 105.4, 106.4, 107.4, 108.4, 109.4, 110.4, 111.4, 112.4, 113.4, 114.4, 115.4, 116.4, 117.4, 118.4, 119.4, 120.4, 121.4, 122.4, 123.4, 124.4, 125.4, 126.4, 127.4, 128.4, 129.4, 130.4, 131.4, 132.4, 133.4, 134.4, 135.4, 136.4, 137.4, 138.4, 139.4, 140.4, 141.4, 142.4, 143.4, 144.4, 145.4, 146.4, 147.4, 148.4, 149.4, 150.4, 151.4, 152.4, 153.4, 154.4, 155.4, 156.4, 157.4, 158.4, 159.4, 160.4, 161.4, 162.4, 163.4, 164.4, 165.4, 166.4, 167.4, 168.4, 169.4, 170.4, 171.4, 172.4, 173.4, 174.4, 175.4, 176.4, 177.4, 178.4, 179.4, 180.4, 181.4, 182.4, 183.4, 184.4, 185.4, 186.4, 187.4, 188.4, 189.4, 190.4, 191.4, 192.4, 193.4, 194.4, 195.4, 196.4, 197.4, 198.4, 199.4, 200.4, 201.4, 202.4, 203.4, 204.4, 205.4, 206.4, 207.4, 208.4, 209.4, 210.4, 211.4, 212.4, 213.4, 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1313.4, 1314.4, 1315.4, 1316.4, 1317.4, 1318.4, 1319.4, 1320.4, 1321.4, 1322.4, 1323.4, 1324.4, 1325.4, 1326.4, 1327.4

1/8" max crack (10 mil min) in block/mortar or concrete through the full section of the wall



Notes:

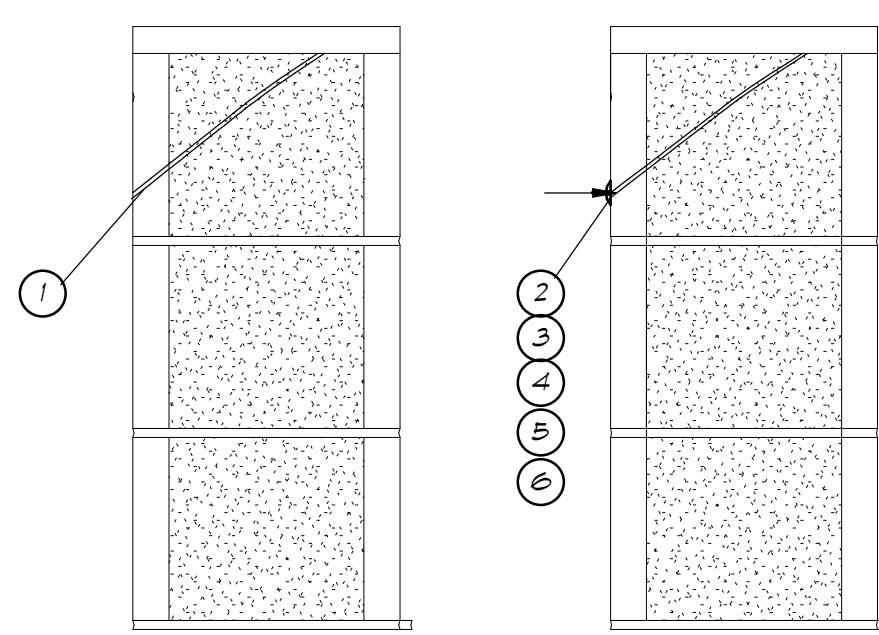
- 1/8" max, 10 mil min, crack in block/precast.
- Prep surfaces for sealing cracks & setting porting devices (paint removal, etc.) Set porting devices over cracks on one side of the wall @ 12" on center max or per Sika recommendations.
- Provide Sikadur 31, Hi-Mod Gel epoxy paste adhesive over cracks and around each injection port a minimum of 1" wide by 1/4" thick. Provide a bead of hot glue on opposite side of ports - provide hot glue on exterior where occurs.
- Allow sufficient time for epoxy paste adhesive cap seal to set before injecting.
- When the cap seal has cured, inject Sikadur 35, Hi-Mod LV with steady pressure, 100% to verify that the epoxy is being pumped and coming out adjacent ports prior to switching ports.
- The surface of the cracks where the epoxy resin adhesive was applied shall be ground smooth to remove the surface seal and leakage after the epoxy has set.

Note:

Use Sikadur Injection Gel where cracks are greater than 1/8" up to 1/4" max & 10 mil min, crack width in block/precast.

Detail 1 - 1/12" = 1'-0"

1/8" max crack (10 mil min) in block/mortar or concrete crack only visible from one side



Notes:

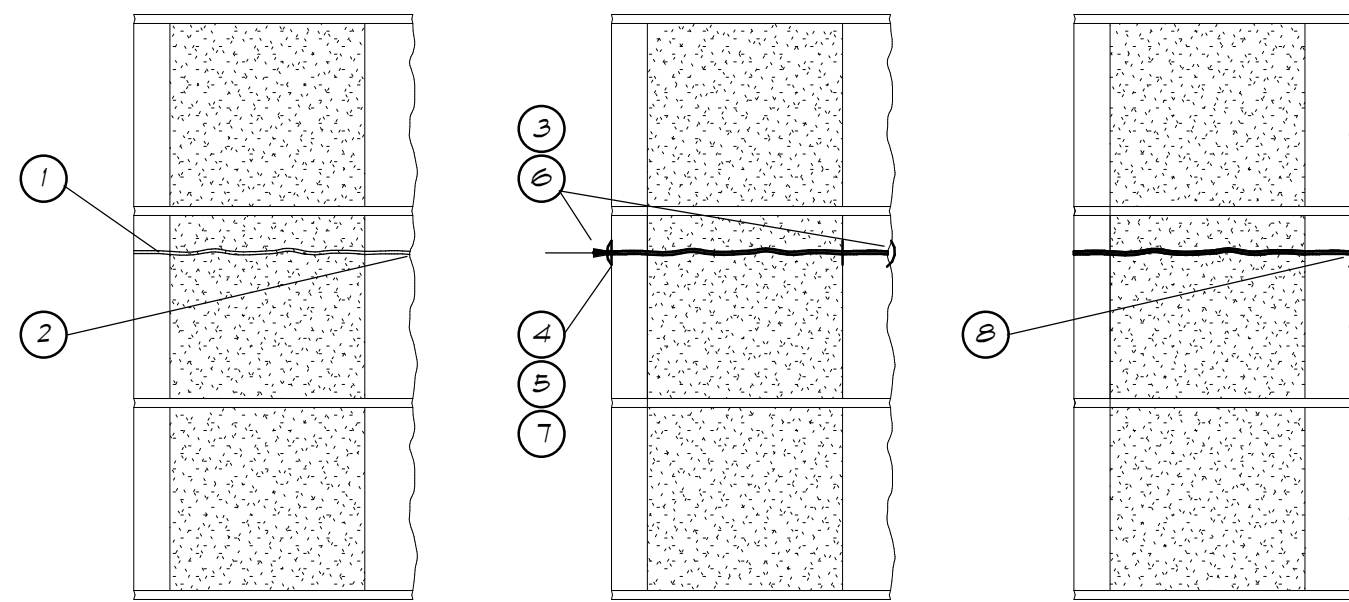
- 1/8" max, 10 mil min, crack in block/precast.
- Prep surfaces for sealing cracks & setting porting devices (paint removal, etc.) Set porting devices over cracks on the wall @ 12" on center max or per Sika recommendations.
- Provide Sikadur 31, Hi-Mod Gel epoxy paste adhesive over cracks and around each injection port a minimum of 1" wide by 1/4" thick.
- Allow sufficient time for epoxy paste adhesive cap seal to set before injecting.
- When the cap seal has cured, inject Sikadur 35, Hi-Mod LV with steady pressure, 100% to verify that the epoxy is being pumped and coming out adjacent ports prior to switching ports.
- The surface of the cracks where the epoxy resin adhesive was applied shall be ground smooth to remove the surface seal and leakage after the epoxy has set.

Note:

Use Sikadur Injection Gel where cracks are greater than 1/8" up to 1/4" max & 10 mil min, crack width in block/precast.

Detail 2 - 1/12" = 1'-0"

1/8" max crack in block (Blind Side)



Notes:

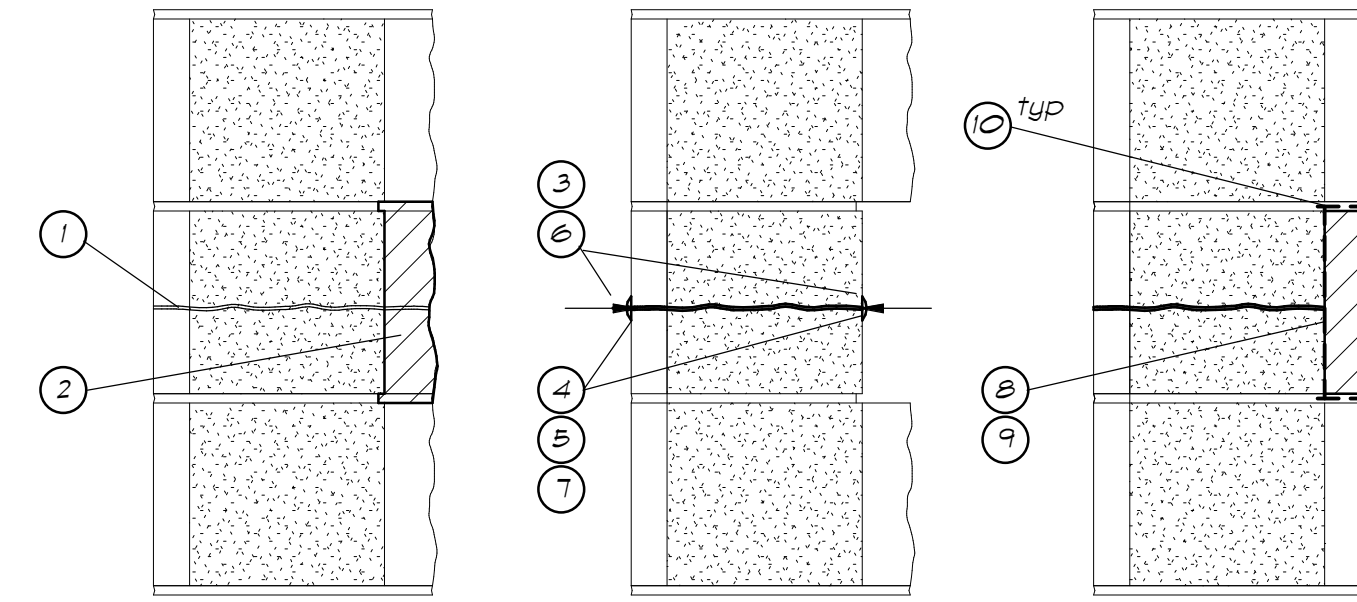
- 1/8" max crack in block.
- Face shell with minor crack - 3/8 mil width max, crack length is 3" or less on exterior face shell and contains no spalls in the exterior face shell.
- Prep surfaces for sealing cracks & setting porting devices (paint removal, etc.) Set porting devices over cracks on inside of the wall @ 6" on center max and 2" away from all interior head joints where a crack occurs in the masonry joint next to a designated face shell. Provide bead of hot glue on exterior of wall which can be removed after epoxy injection without damaging the wall surface.
- Provide Sikadur 31, Hi-Mod Gel epoxy paste adhesive (or approved equal) over cracks and around each injection port a minimum of 1" wide by 1/4" thick.
- Allow sufficient time for epoxy paste adhesive cap seal to set before injecting.
- When the cap seal has cured, inject Sikadur 35, Hi-Mod LV (or approved equal) with steady pressure, 100% to verify that the epoxy is being pumped and coming out adjacent ports prior to switching ports.
- The surface of the cracks where the epoxy resin adhesive was applied shall be ground smooth to remove the surface seal and leakage after the epoxy has set.
- Remove bead of hot glue and wash the exterior of the wall. Do not over blast.

Note:

Use Sikadur Injection Gel where cracks are greater than 1/8" up to 1/4" max & 10 mil min, crack width in block/precast.

Detail 3 - 1/12" = 1'-0"

1/8" max crack in block (Double Side)



Notes:

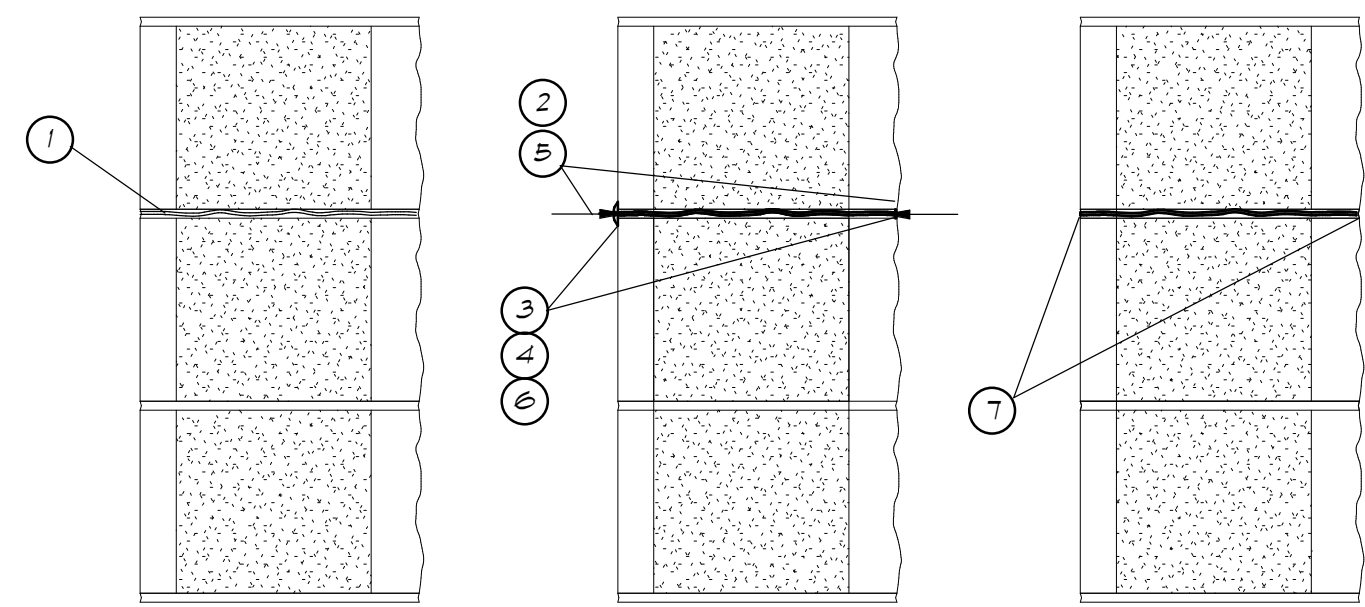
- 1/8" max crack in block.
- Face shell with crack - cut mortar and remove full block face on exterior side only. Remove additional 1/4" of mortar beyond the face shell to allow for repair to be keyed into the existing mortar joint.
- Prep surfaces for sealing cracks & setting porting devices (paint removal, etc.) Set porting devices over cracks on each side of the wall @ 12" on center max or per Sika recommendations. Stagger locations of ports on each side of wall.
- Provide Sikadur 31, Hi-Mod Gel epoxy paste adhesive (or approved equal) over cracks and around each injection port a minimum of 1" wide by 1/4" thick.
- Allow sufficient time for epoxy paste adhesive cap seal to set before injecting.
- When the cap seal has cured, inject Sikadur 35, Hi-Mod LV (or approved equal) with steady pressure, 100% to verify that the epoxy is being pumped and coming out adjacent ports prior to switching ports.
- The surface of the cracks where the epoxy resin adhesive was applied shall be ground smooth to remove the surface seal and leakage after the epoxy has set.
- Apply a scrub coat of SikaTop 123 plus to prepare area where face shells have been removed per Sika recommendations.
- Provide 1/8" thick minimum SikaTop 123 Plus mortar (or approved equal) between grout and new block face(s) to match existing block face(s) (Basalt color 439 or equal). At base locations shown on detail 1, provide SikaTop 123 Plus in lifts of 1/12" max.
- Provide type S mortar (3000 psi min) to match (e) mortar color to fill keyed in joint where existing mortar was removed.

Note:

Use Sikadur Injection Gel where cracks are greater than 1/8" up to 1/4" max & 10 mil min, crack width in block/precast.

Detail 4 - 1/12" = 1'-0"

1/8" max crack in mortar



Notes:

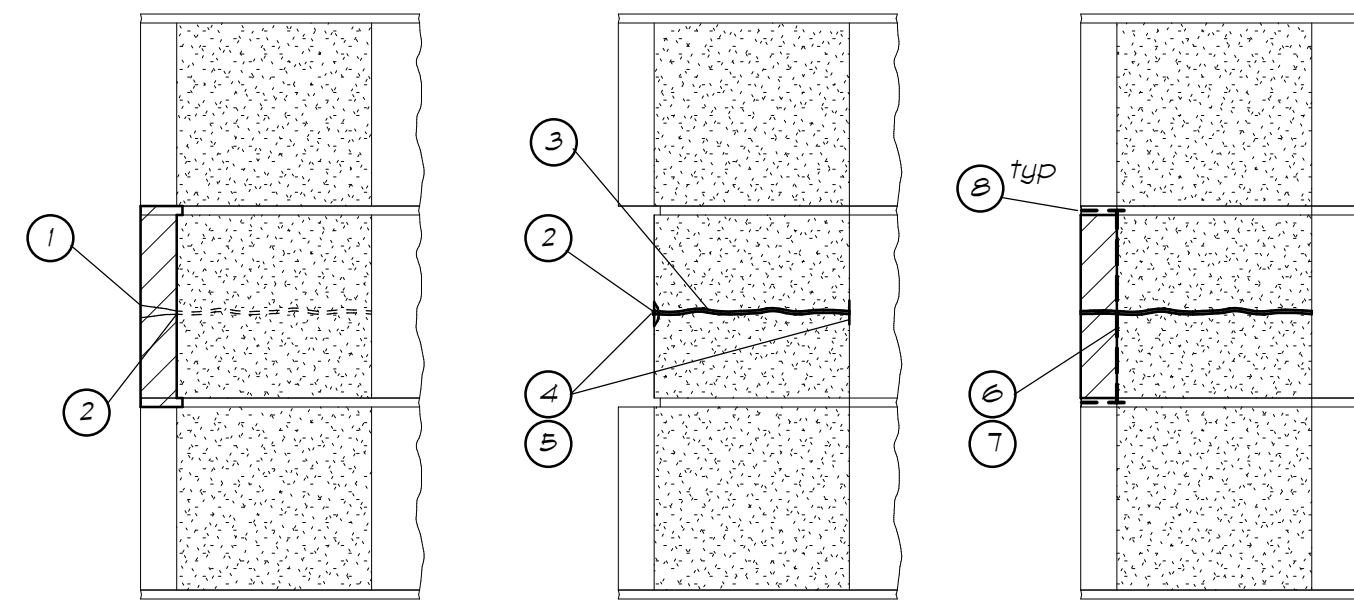
- 1/8" max crack in mortar.
- Prep surfaces for sealing cracks & setting porting devices (paint removal, etc.) Set porting devices over cracks on each side of the wall @ 12" on center max or per Sika recommendations. Stagger locations of ports on each side of wall.
- Provide Sikadur 31, Hi-Mod Gel epoxy paste adhesive (or approved equal) over cracks and around each injection port a 1/4" thick and fill within the mortar joint.
- Allow sufficient time for epoxy resin adhesive cap seal to set before injecting.
- When the cap seal has cured, inject Sikadur 35, Hi-Mod LV (or approved equal) with steady pressure, 100% to verify that the epoxy is being pumped and coming out adjacent ports prior to switching ports.
- The surface of the cracks where the epoxy paste adhesive was applied shall be ground smooth to remove the surface seal and leakage after the epoxy has set.
- Provide type S mortar (3000 psi min) to match (e) mortar color to fill keyed in joint where existing mortar was removed.

Note:

Use Sikadur Injection Gel where cracks are greater than 1/8" up to 1/4" max & 10 mil min, crack width in block/precast.

Detail 5 - 1/12" = 1'-0"

Face shell with spall

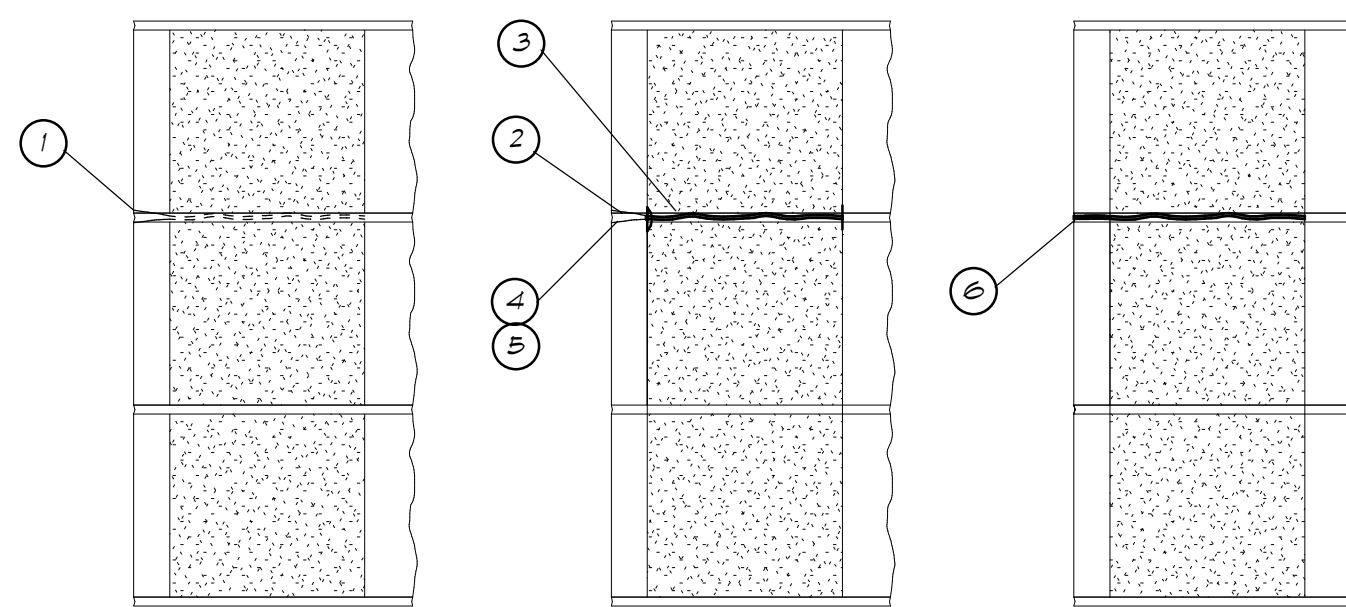


Notes:

- Face shell with spall - cut mortar and remove full block face. Remove additional 1/4" of mortar beyond the face shell to allow for repair to be keyed into the existing mortar joint.
- Remove any spalled grout to expose solid grout.
- If cracks are located behind spalling - repair crack per details 1 or 2.
- Provide Sikadur 35, Hi-Mod LV grout adhesive (or approved equal) to fill cracks up to 1/8" wide, 100% to verify that the epoxy is being pumped and coming out adjacent ports prior to switching ports.
- The surface of the cracks where the epoxy paste adhesive was applied shall be ground smooth to remove the surface seal and leakage after the epoxy has set.
- Apply a scrub coat of SikaTop 123 plus to prepare area where face shells have been removed per Sika recommendations.
- Provide 1/8" thick minimum SikaTop 123 Plus mortar (or approved equal) between grout and new block face(s) to match existing block face(s) (Basalt color 439 or equal).
- Provide type S mortar (3000 psi min) to match (e) mortar color to fill keyed in joint where existing mortar was removed.

Detail 6 - 1/12" = 1'-0"

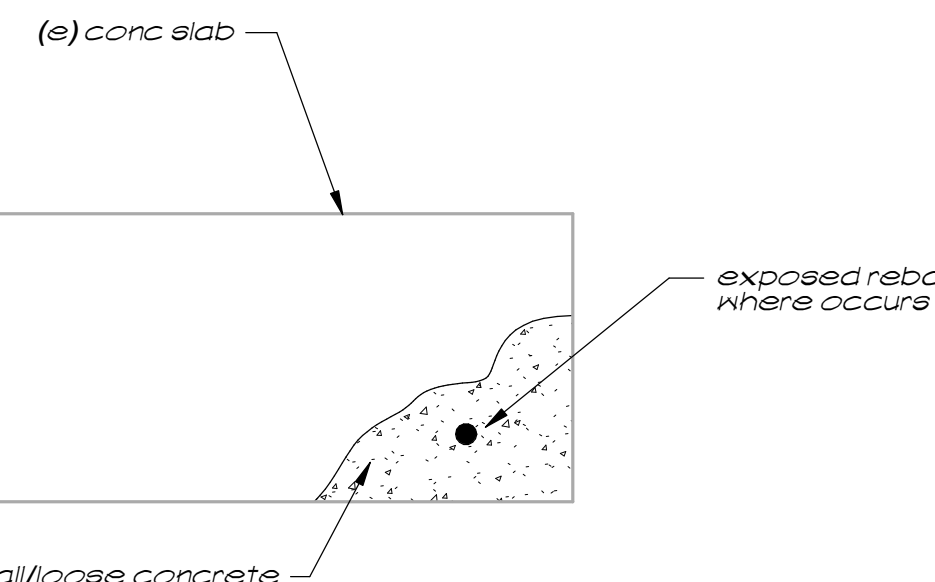
Mortar joint with spall



Notes:

- Mortar joint with spall.
- Remove any spalled mortar to expose solid mortar.
- If cracks are located behind spalling - repair crack per detail 3.
- Provide Sikadur 35, Hi-Mod LV grout adhesive (or approved equal) to fill cracks up to 1/8" wide, 100% to verify that the epoxy is being pumped and coming out adjacent ports prior to switching ports.
- The surface of the cracks where the epoxy paste adhesive was applied shall be ground smooth to remove the surface seal and leakage after the epoxy has set.
- Provide type S mortar (3000 psi min) to match (e) mortar color to fill keyed in joint where existing mortar was removed.

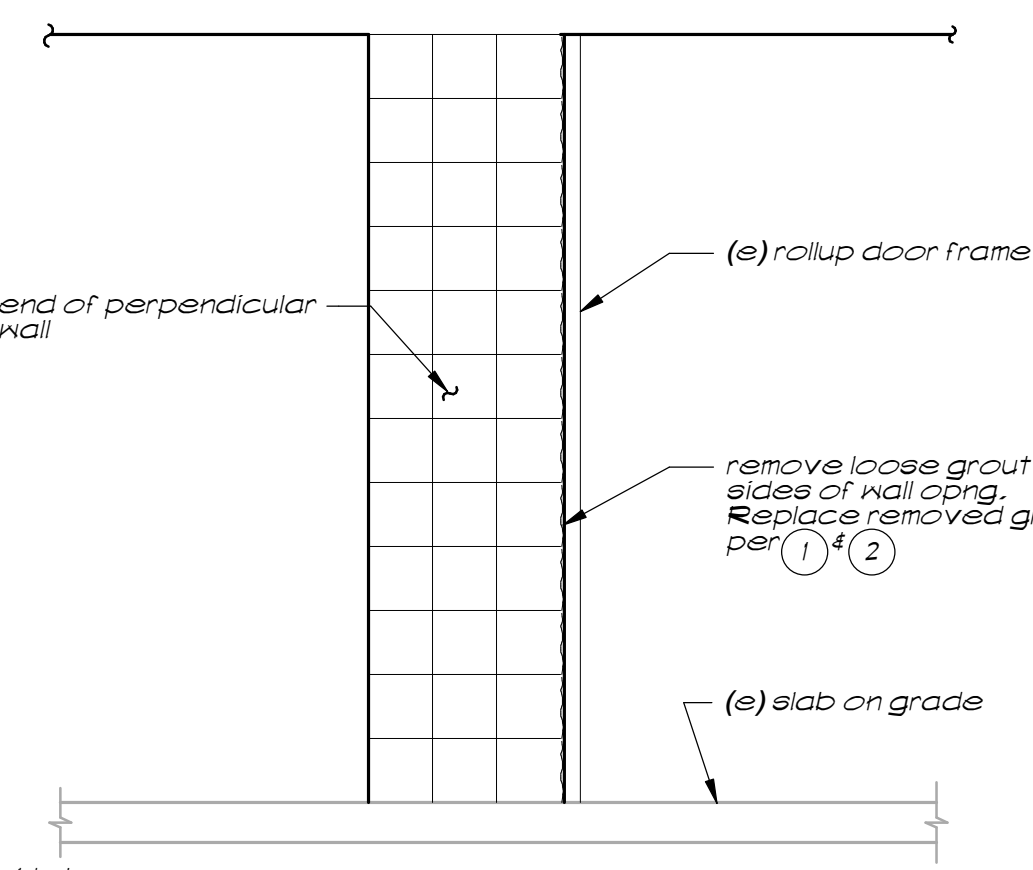
Detail 7 - 1/12" = 1'-0"



Notes:

- remove all loose concrete and exterior paint at damaged corner of slab
- Apply Sika Armatex 110 Epocem (or approved equal) bonding agent to conc
- Scrub SikaTop 123 plus (or approved equal) into void in 1/12" max lifts to match (e) conc wall
- For applications greater than 1/12" in depth, apply SikaTop 123 plus (or approved equal) in lifts. Score the top surface of each lift to produce a roughened surface for the next lift. Repeat from step #2.

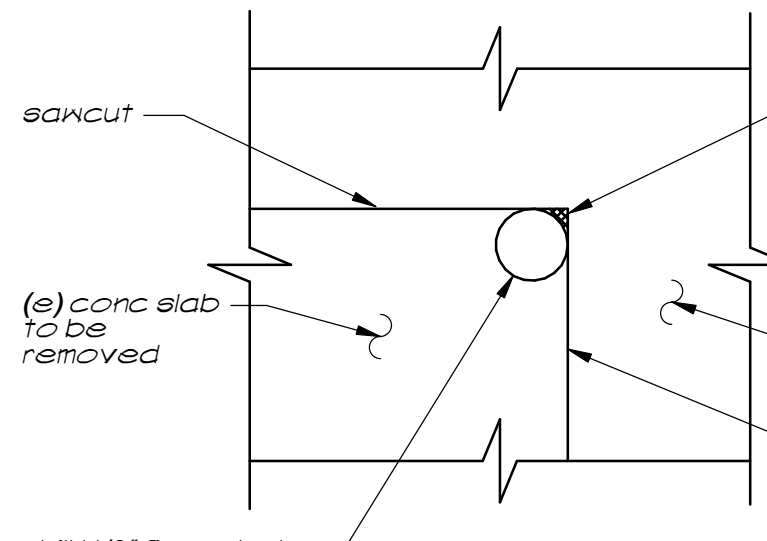
Detail 8 - 1/12" = 1'-0"



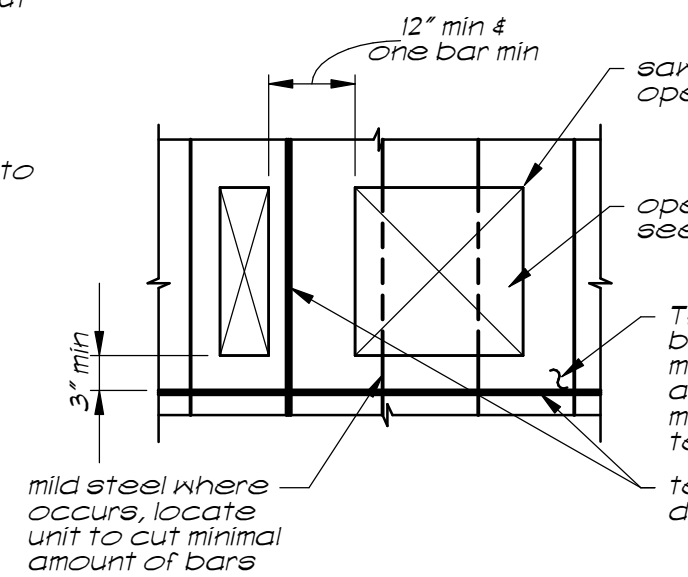
Notes:

- Remove all loose grout at damaged portion of wall
- For applications greater than 1/12" in depth, apply SikaTop 123 (or approved equal) plus in lifts. Score the top surface of each lift to produce a roughened surface for the next lift. Repeat from step #2.

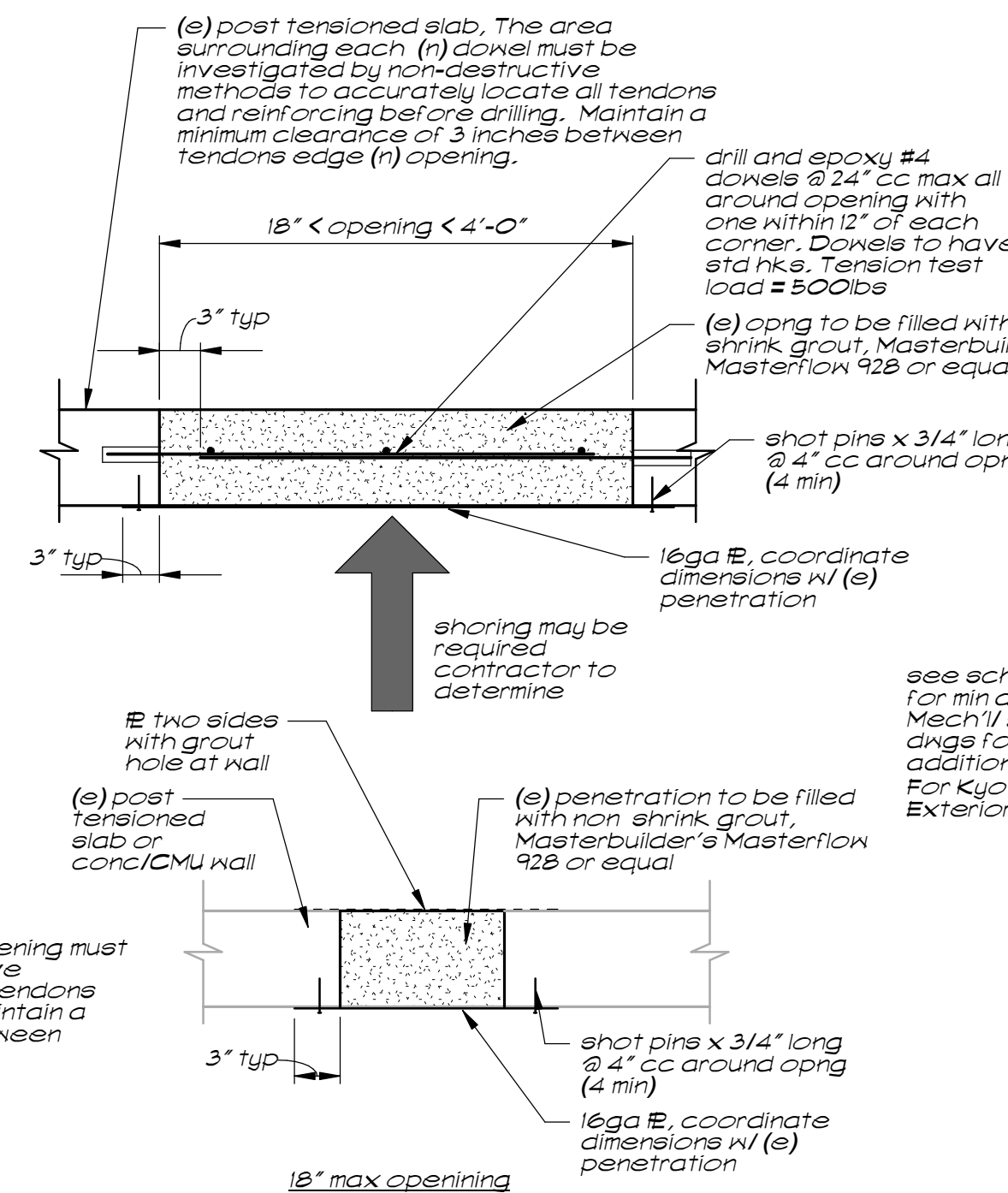
Elevation 9 - 1/12" = 1'-0"



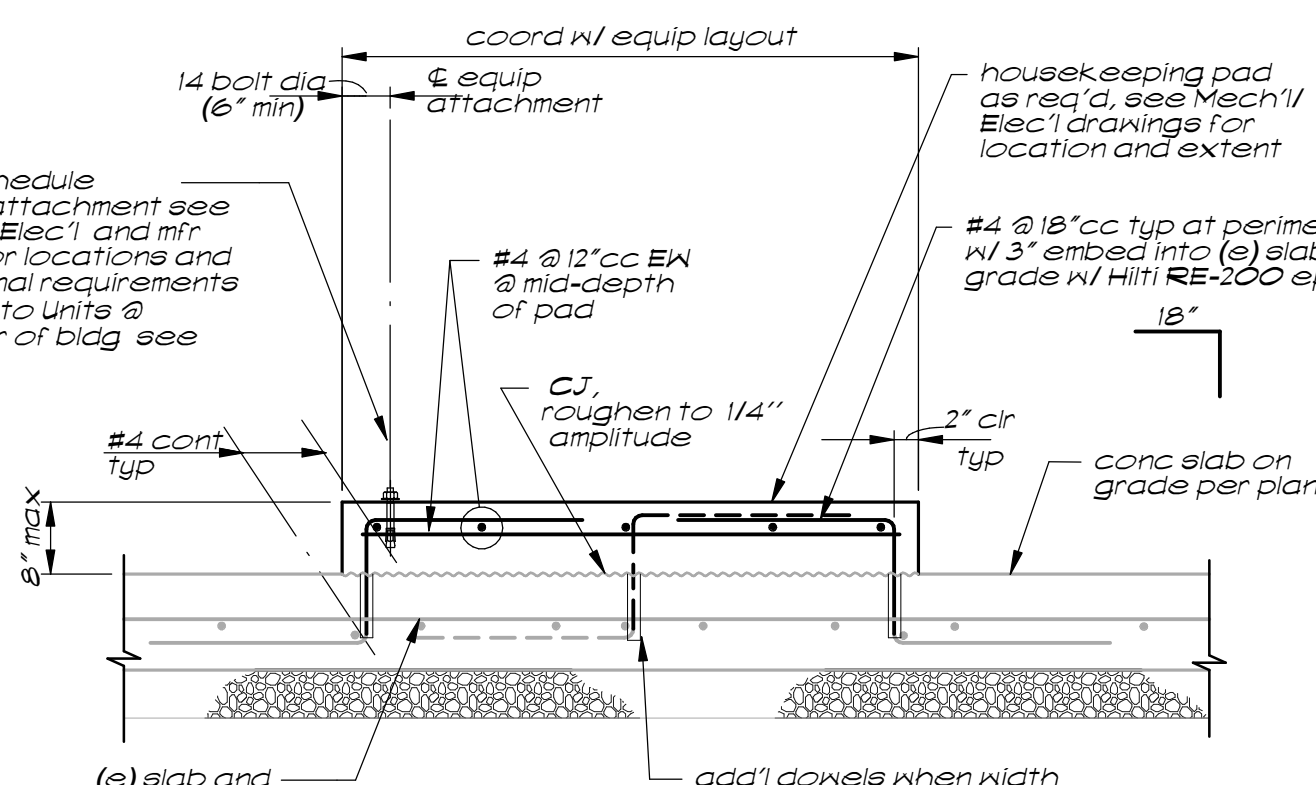
Sawcut Opening in Existing Slab or Wall 10 - 1/12" = 1'-0"



(n) Opening in Existing Slab 11 - 1/12" = 1'-0"



infill (e) penetration at slab or wall 12 - 1/12" = 1'-0"

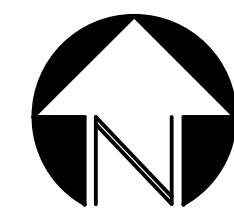
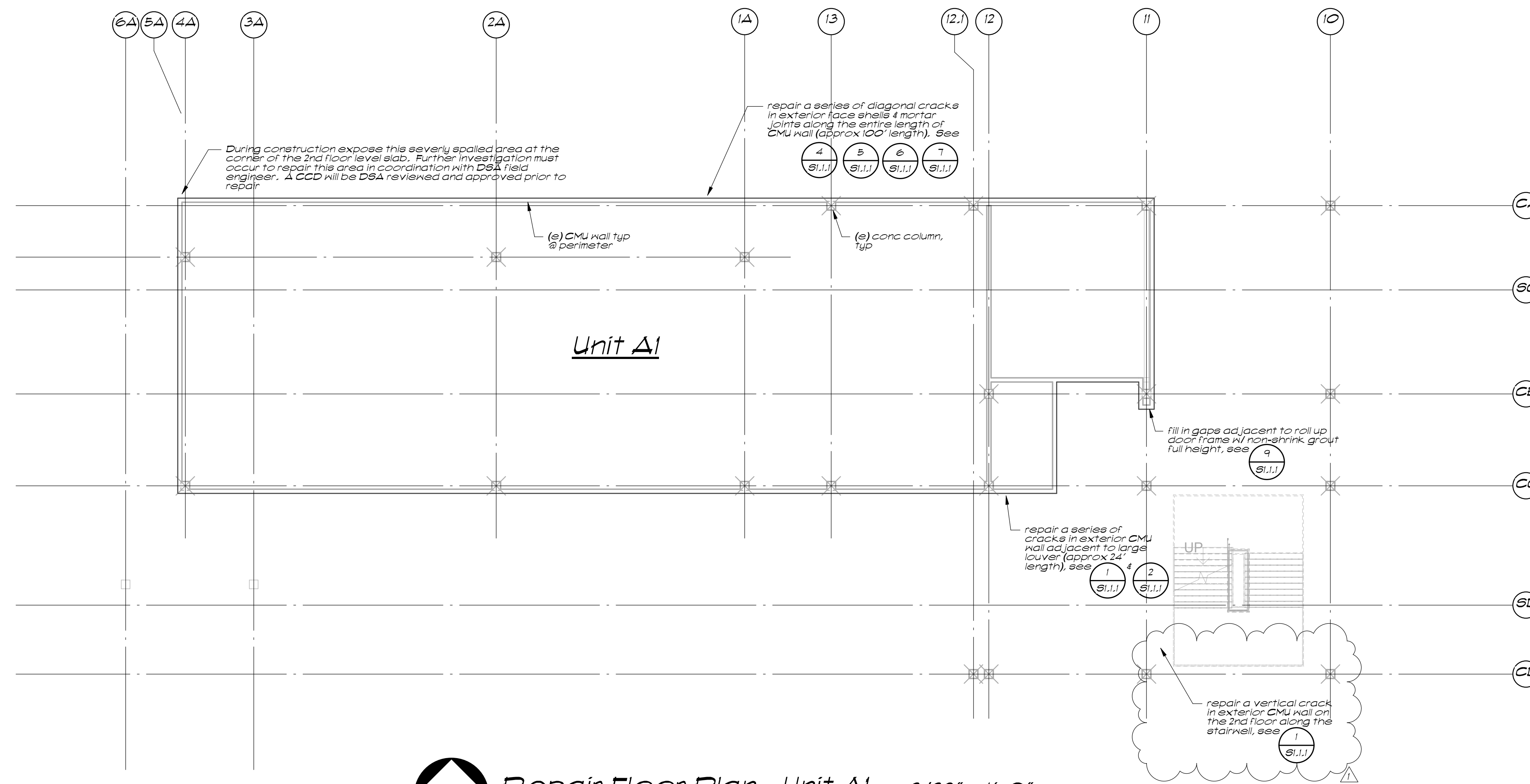


Housekeeping Pad at Slab on Grade 13 - 1/12" = 1'-0"

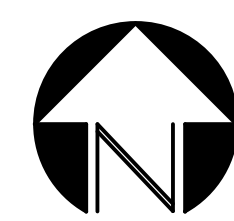
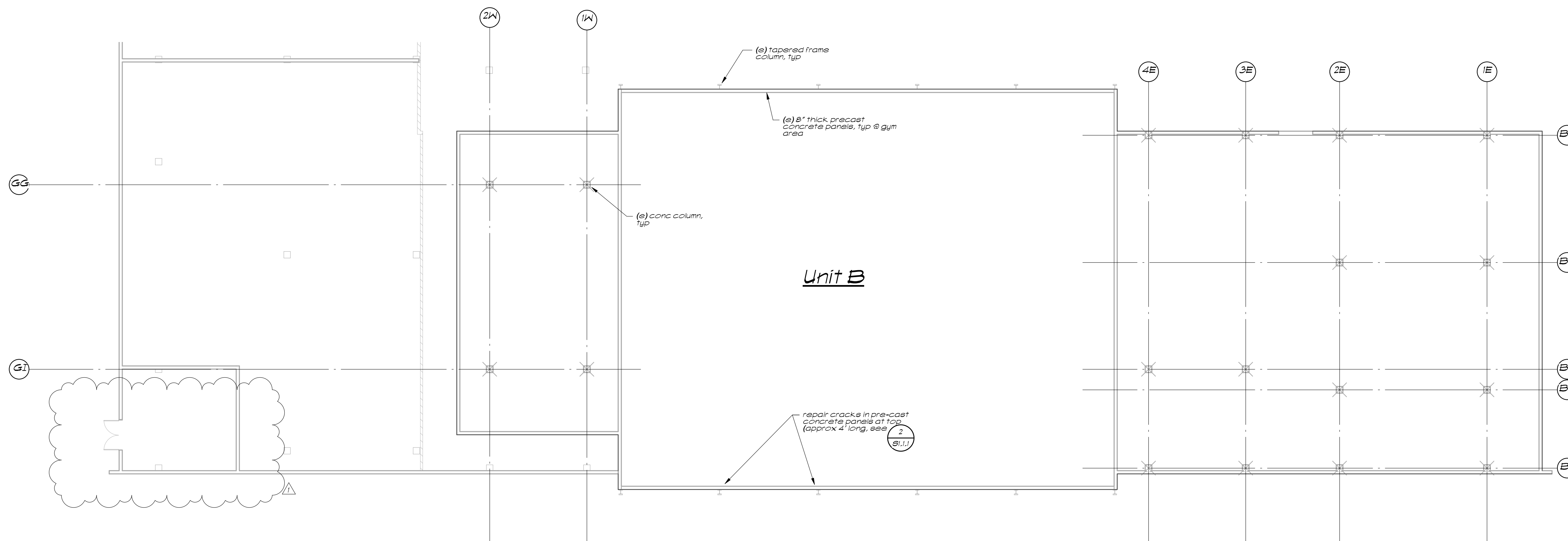
SUTTER MIDDLE SCHOOL - HVAC  
REPLACEMENT

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
SACRAMENTO, CA

REPAIR DETAILS

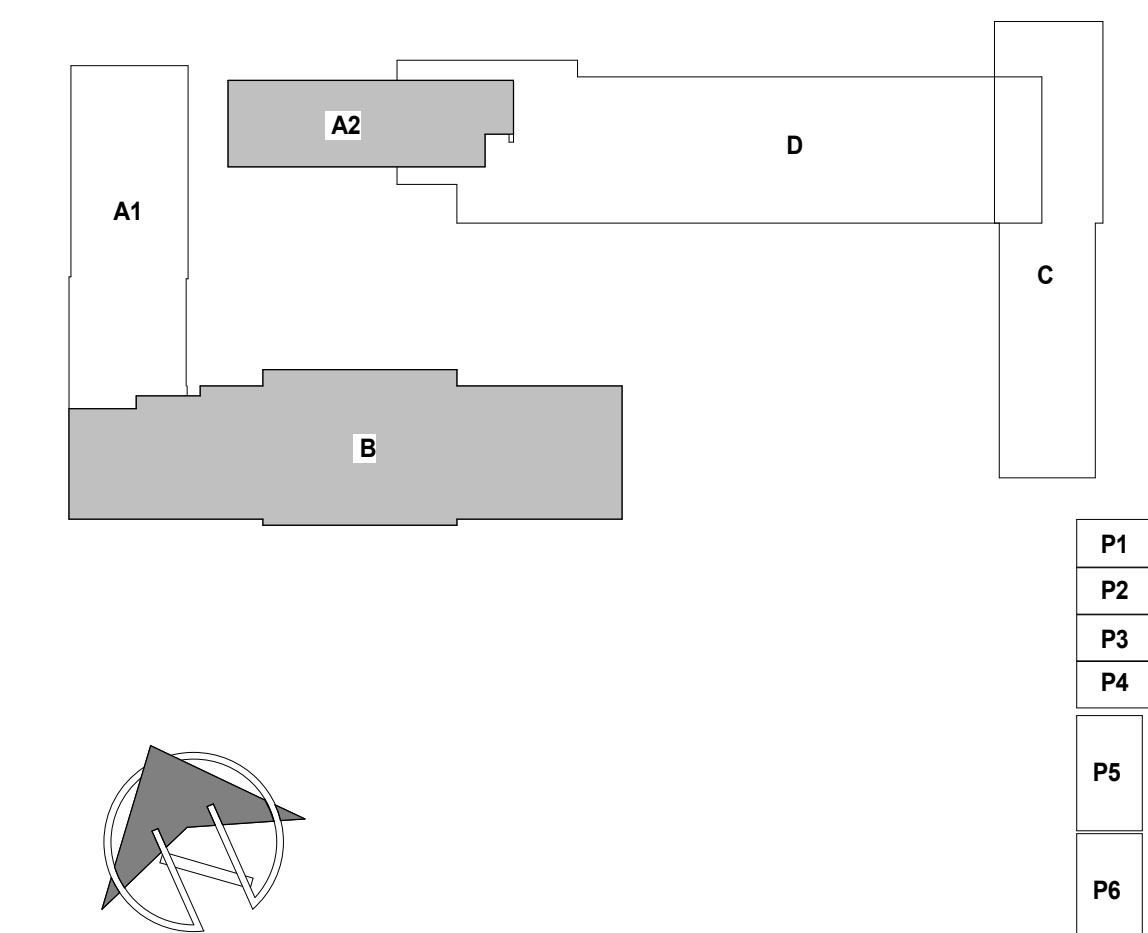


Repair Floor Plan - Unit A1 — 3/32" = 1'-0"

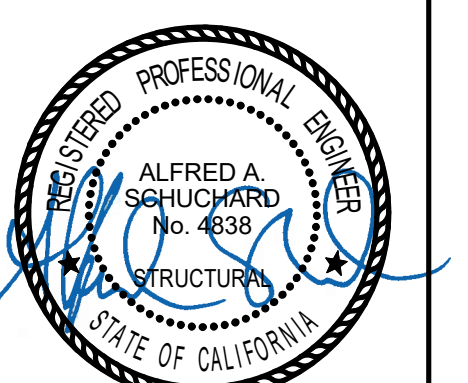


Repair Floor Plan - Unit B — 3/32" = 1'-0"

#### KEY MAP



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tel 916.443.6323 fax 916.443.6313  
Sacramento, Phoenix, San Francisco, Los Angeles



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DSA

File No. 34-53  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
02-115661  
AC FLS SS  
DATE

#### SUTTER MIDDLE SCHOOL - HVAC REPLACEMENT

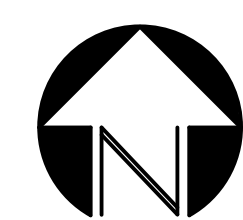
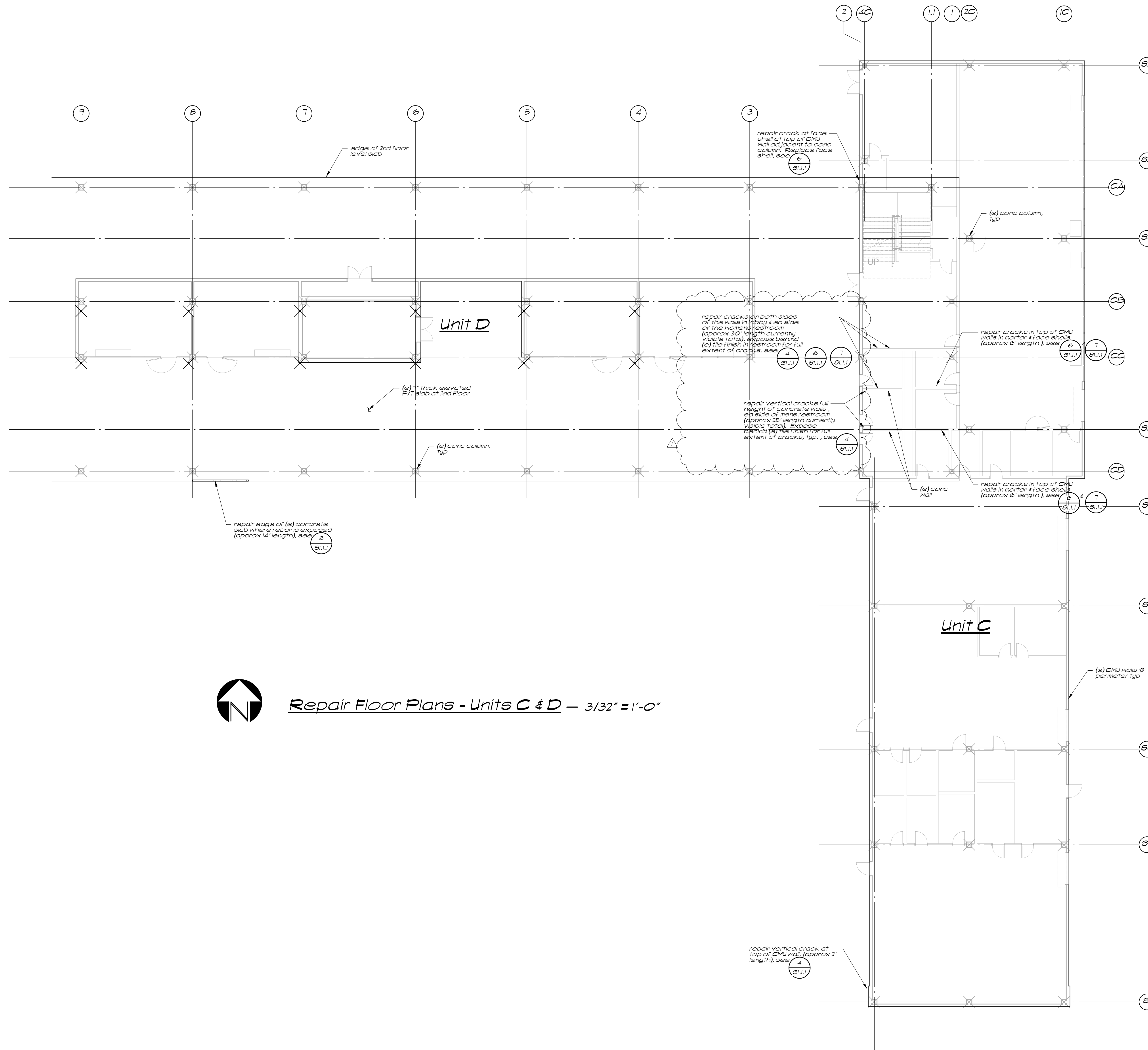
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
SACRAMENTO, CA

#### REPAIR FLOOR PLAN - UNITS A1/B

Revision	TKK	PROJECT NO.	15-1225
Addendum 1	AAS	DATE	04/12/19
SCALE		SHEET	

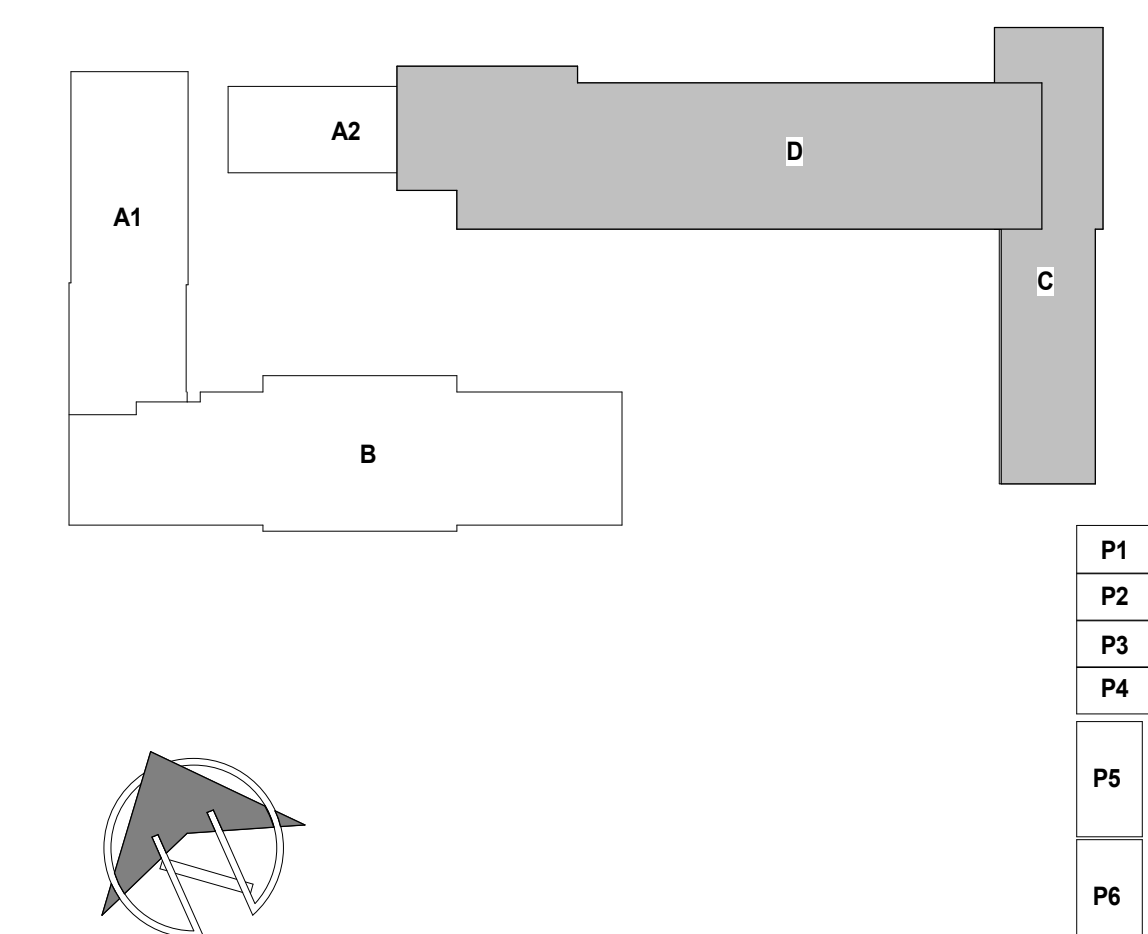
S2.1.0

AD1.4

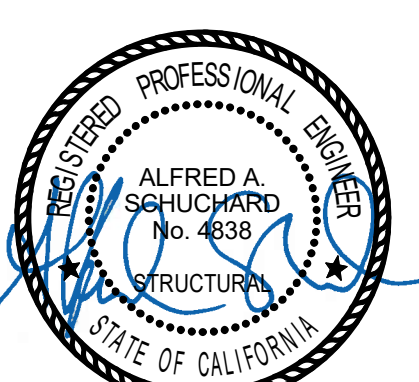


Repair Floor Plans - Units C & D — 3/32" = 1'-0"

KEY MAP



Buchler & Buchler  
Structural Engineers, Inc.  
600 Q Street, Suite 200, Sacramento, CA 95811  
tel 916.443.1213 fax 916.443.1213  
Sacramento, Phoenix, San Francisco, Los Angeles



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SUTTER MIDDLE SCHOOL - HVAC REPLACEMENT

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT  
SACRAMENTO, CA

REPAIR FLOOR PLAN -  
UNITS C & D

Revision Addendum 1	4/12/19	DRAWN TKK	PROJECT NO. 15-1225
CHECKED AAS		DATE 04/12/19	
SCALE		SHEET	
			S2.1.1