

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL RESEARCH SERVICE


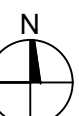
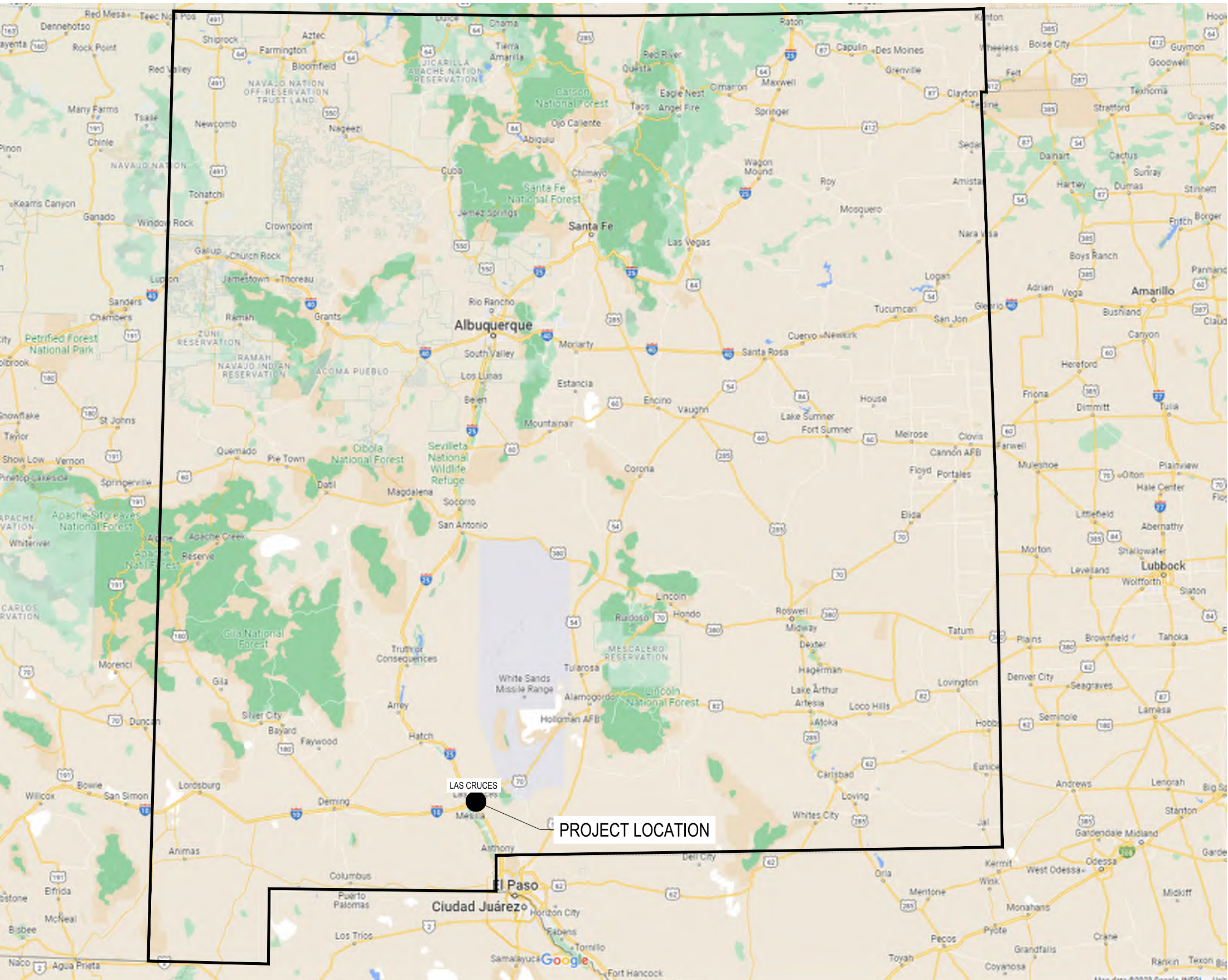

WOOTON HALL COLONNADE REPAIR

CONTRACT NO:12805B23D0001

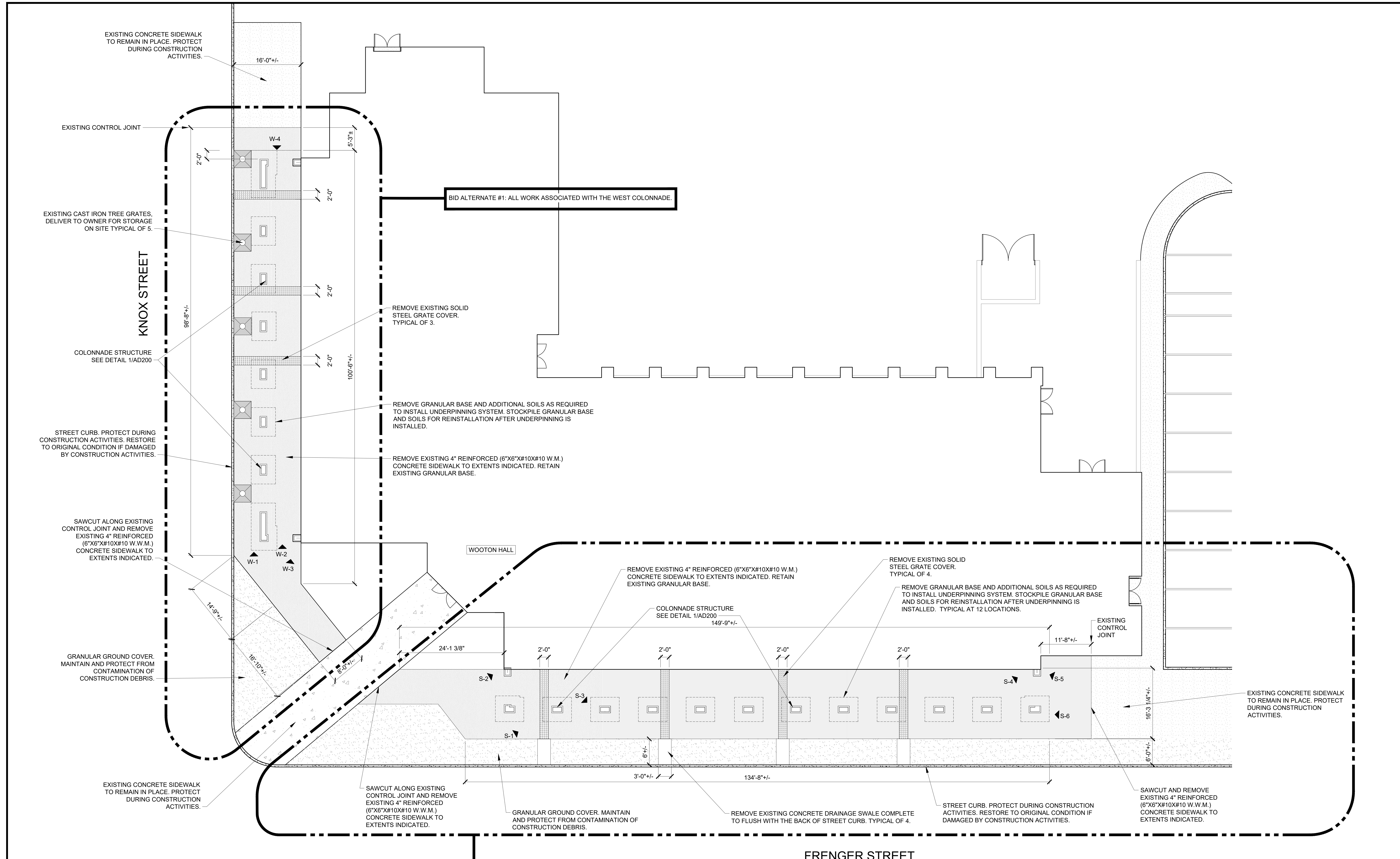
ORDER NO:12805B23F0260

RANGE MANAGEMENT RESEARCH LAS CRUCES, NEW MEXICO

100% DESIGN SUBMITTAL

INDEX OF DRAWINGS			VICINITY MAP <small>NO SCALE</small> 	LOCATION MAP <small>NO SCALE</small> 	BID DESCRIPTION																														
SHEET NO.	DRAWING NO.	TITLE																																	
T100	1 OF 6	TITLE SHEET			<p>BASE BID:</p> <p>ALL WORK ASSOCIATED WITH UNDERPINNING THE SOUTH COLONNADE AS REQUIRED TO RESTORE THE COLONNADE TO ITS ORIGINAL VERTICAL POSITION. THE COLONNADE STRUCTURE HAS SETTLED AND ROTATED TO THE SOUTH TO AN APPROXIMATE .26 DEGREE ANGLE CREATING A 1" GAP, AT ITS TOP, FROM THE MAIN WOOTON HALL STRUCTURE.</p> <p>BID ALTERNATE #1:</p> <p>ALL WORK ASSOCIATED WITH UNDERPINNING THE WEST COLONNADE AS REQUIRED TO RESTORE THE COLONNADE TO ITS ORIGINAL VERTICAL POSITION. THE COLONNADE STRUCTURE HAS SETTLED AND ROTATED TO THE WEST TO AN APPROXIMATE .26 DEGREE ANGLE CREATING A 1" GAP, AT ITS TOP, FROM THE MAIN WOOTON HALL STRUCTURE.</p> <p>BASE BID AND BID ALTERNATE CONTAIN:</p> <p>DEMOLITION OF EXISTING CONCRETE SIDEWALK, INSTALLATION OF HYDRAULIC PIERS UNDER COLONNADE FOOTINGS TO RESTORE THE COLONNADES TO ORIGINAL POSITION, INSTALLATION OF NEW CONCRETE SIDEWALKS, MINOR REPAIR OF EXTERIOR FINISHES, AND INSTALLATION OF SEALANT TO SEAL OPENINGS.</p>																														
AD100	2 OF 6	EXISTING COLONNADE PLAN DEMOLITION																																	
AD200	3 OF 6	EXISTING COLONNADE DETAILS																																	
AD201	4 OF 6	REFERENCE PHOTOS																																	
A100	5 OF 6	COLONNADE PLAN																																	
A200	6 OF 6	DETAILS																																	
			<table border="1"> <thead> <tr> <th colspan="2">A-E FIRM</th> <th colspan="2">USDA</th> <th colspan="2">REVISIONS</th> </tr> <tr> <th>PROJECT MANAGER</th> <th>REH</th> <th>EPM</th> <th>XXX</th> <th>NO.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DESIGNER</td> <td>REH</td> <td>PPM</td> <td>XXX</td> <td></td> <td></td> </tr> <tr> <td>CHECKED BY</td> <td>FEJ</td> <td>SAFETY & HEALTH</td> <td>XXX</td> <td>PROJECT NO.</td> <td>2150 CENTRE AVENUE</td> </tr> <tr> <td>JOB #</td> <td>3723-A</td> <td>REAL PROPERTY</td> <td>XXX</td> <td>DATE</td> <td>11/15/23</td> </tr> </tbody> </table>			A-E FIRM		USDA		REVISIONS		PROJECT MANAGER	REH	EPM	XXX	NO.	DATE	DESIGNER	REH	PPM	XXX			CHECKED BY	FEJ	SAFETY & HEALTH	XXX	PROJECT NO.	2150 CENTRE AVENUE	JOB #	3723-A	REAL PROPERTY	XXX	DATE	11/15/23
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			<p>RANGE MANAGEMENT RESEARCH 2995 KNOX STREET LAS CRUCES, NM 88003</p>																																
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		REAL PROPERTY	XXX																																

C:\Users\123232\OneDrive\Temp\Aerial\15821\AD100.dwg
 Date Plotted: 11/15/23 10:23am



BID ALTERNATE #1: ALL WORK ASSOCIATED WITH THE WEST COLONNADE.

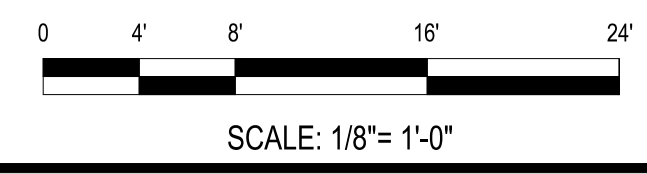
BASE BID: ALL WORK ASSOCIATED WITH THE SOUTH COLONNADE.

1 EXISTING COLONNADE PLAN DEMOLITION
 SCALE: 1/8" = 1'-0"

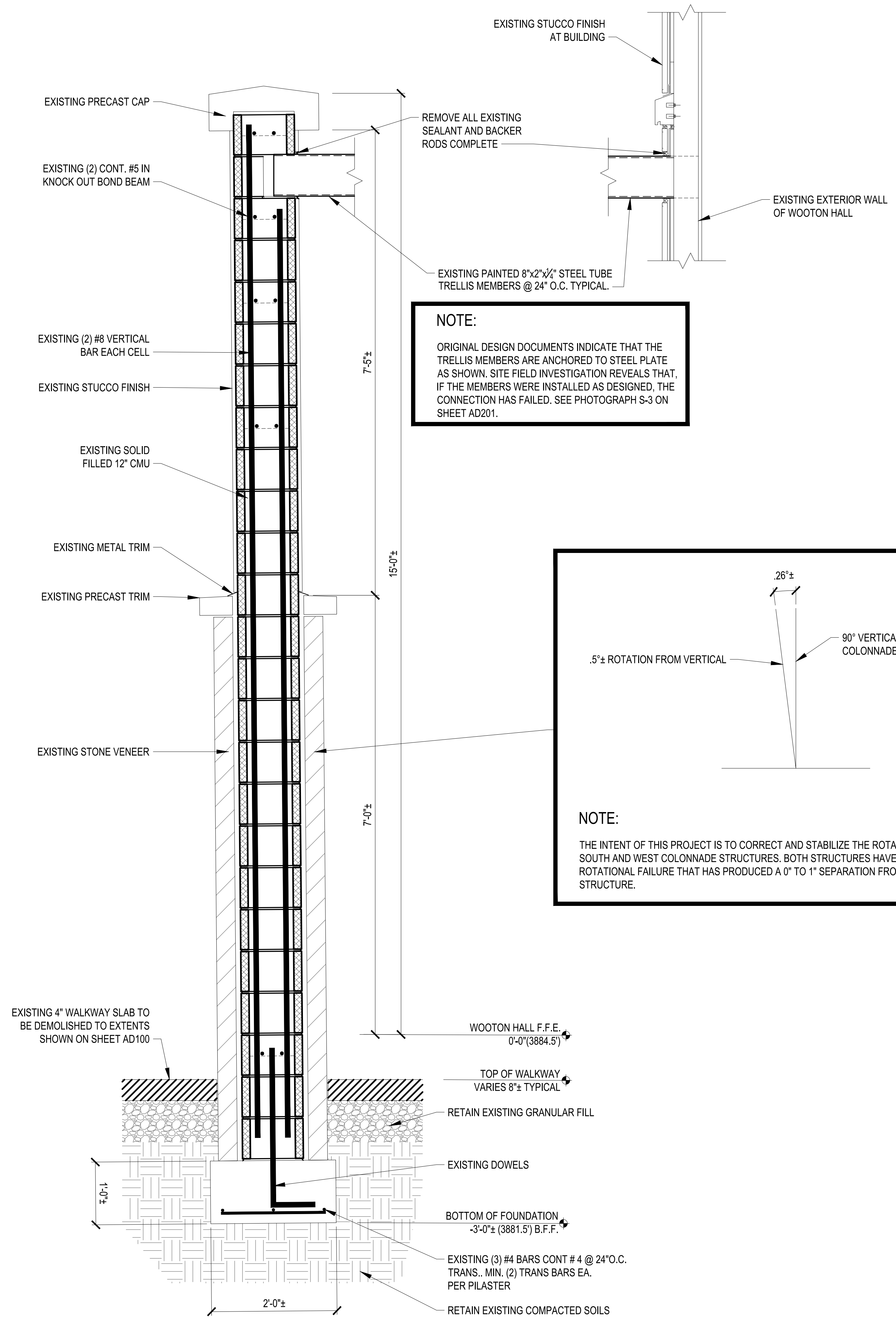


LEGEND

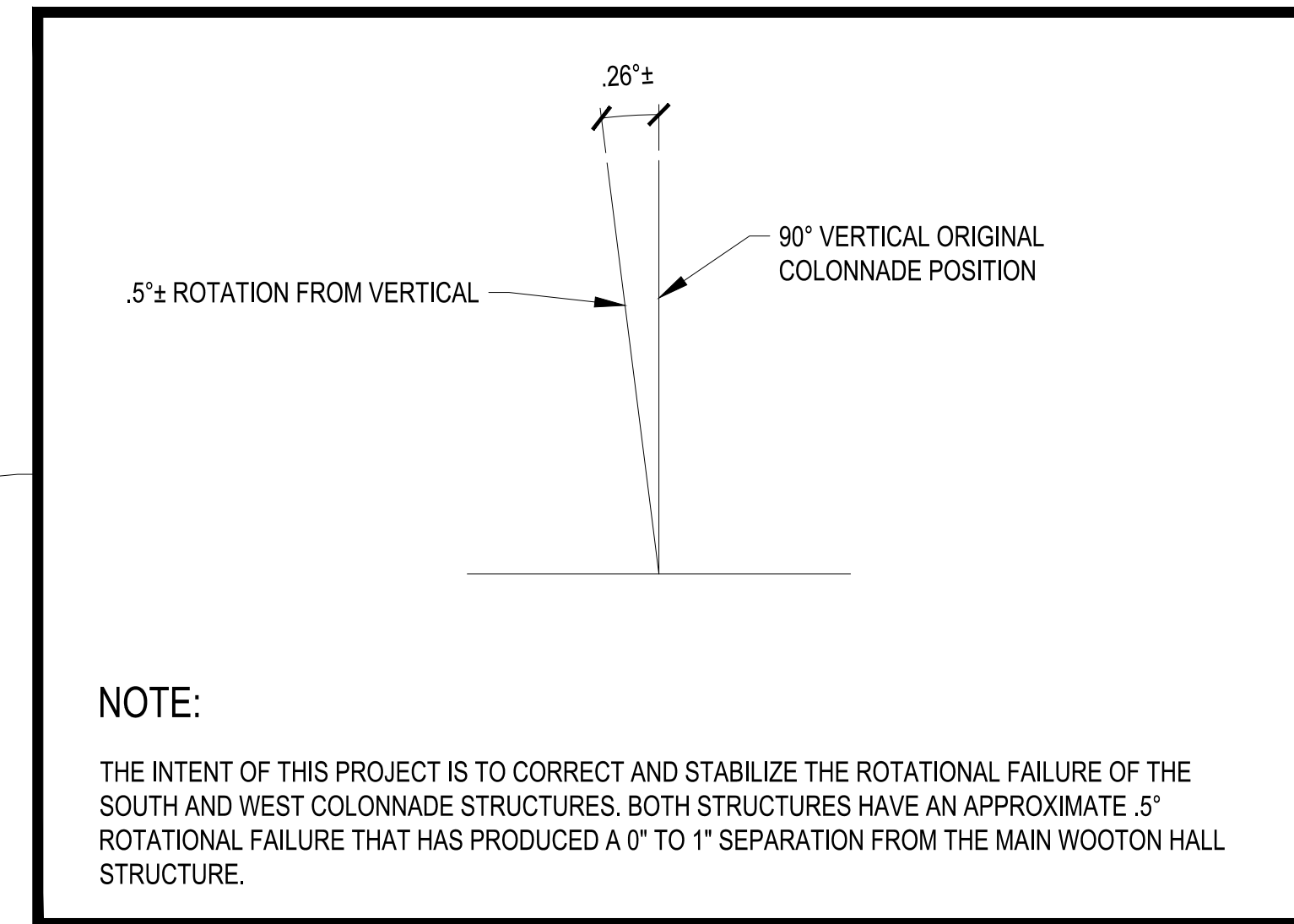
s-4 PHOTOGRAPH KEY SEE SHEET AD201 FOR PHOTOGRAPHS OF TYPICAL CONDITIONS



NO.		DATE	BY	DESCRIPTION
REVISIONS				
USDA Agricultural Research Service USDA AGRICULTURAL RESEARCH SERVICE WOOTON HALL COLONNADE REPAIR USDA-ARS NEW MEXICO STATE UNIVERSITY LAS CRUCES, NEW MEXICO				
A-E FIRM PROJECT MANAGER REH DESIGNER REH		USDA EPM XXX PPM XXX		PROJECT NO. XXX DATE 11/15/23
CHECKED BY FEJ JOB # 3723-A		SAFETY & HEALTH XXX REAL PROPERTY XXX		AGRICULTURAL RESEARCH SERVICE 2150 CENTRE AVENUE BLDG D, SUITE 300 FORT COLLINS, CO 80526 SHEET AD100 2 OF 6

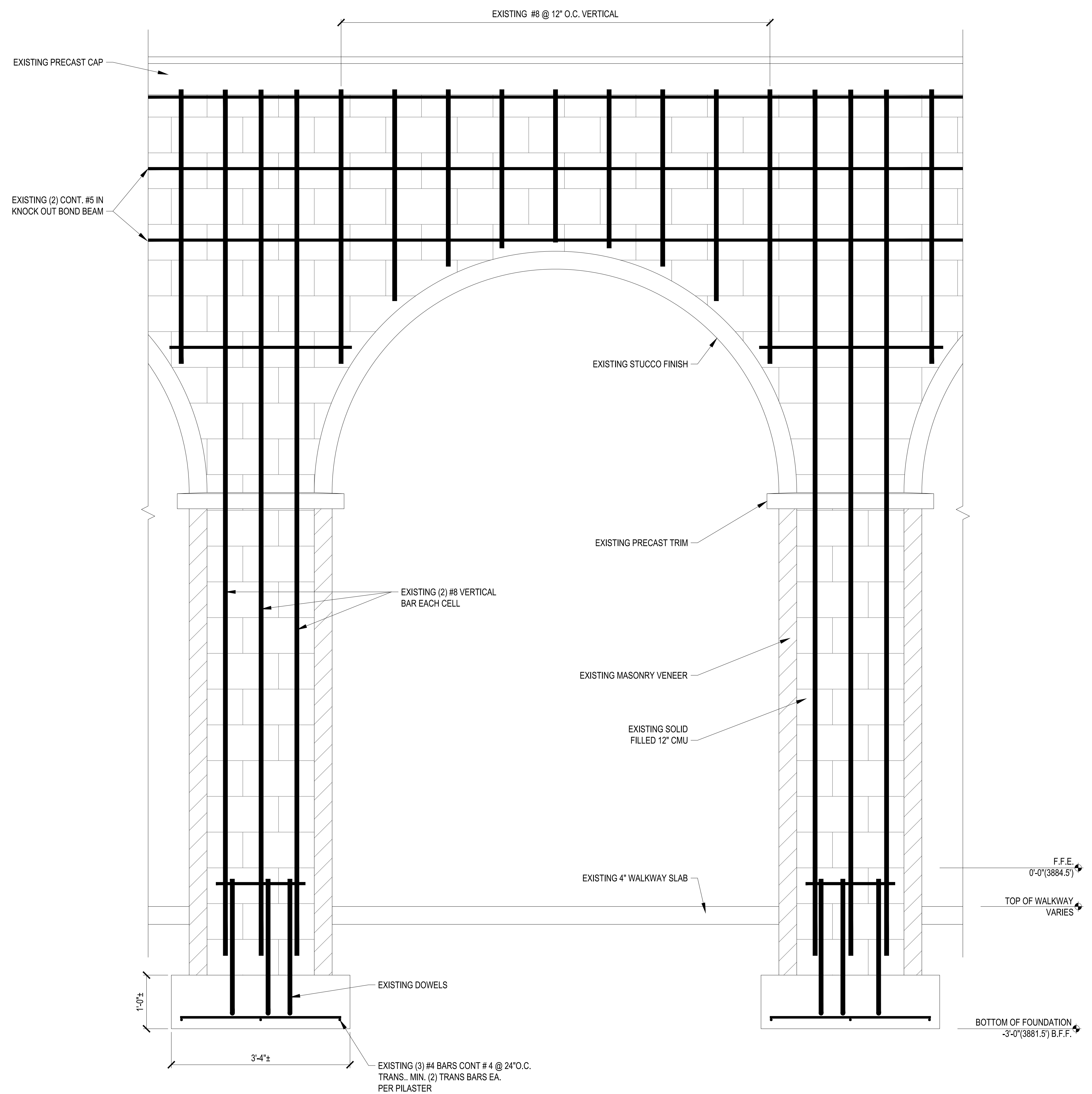


NOTE:
ORIGINAL DESIGN DOCUMENTS INDICATE THAT THE TRELLIS MEMBERS ARE ANCHORED TO STEEL PLATE AS SHOWN. SITE FIELD INVESTIGATION REVEALS THAT, IF THE MEMBERS WERE INSTALLED AS DESIGNED, THE CONNECTION HAS FAILED. SEE PHOTOGRAPH S-3 ON SHEET AD201.



NOTE:
THE INTENT OF THIS PROJECT IS TO CORRECT AND STABILIZE THE ROTATIONAL FAILURE OF THE SOUTH AND WEST COLONNADE STRUCTURES. BOTH STRUCTURES HAVE AN APPROXIMATE .5° ROTATIONAL FAILURE THAT HAS PRODUCED A 0\"/>

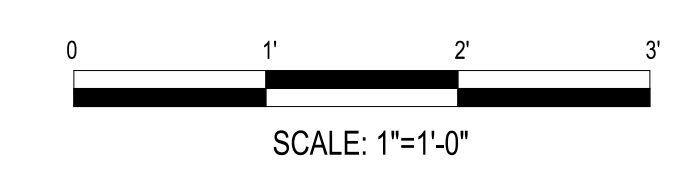
1 EXISTING COLONNADE SECTION
SCALE: 1" = 1'-0"



2 EXISTING TYPICAL COLONNADE REINFORCING ELEVATION
SCALE: 1" = 1'-0"

NOTE:
DRAWING IS FOR REFERENCE ONLY. INDICATES COLONNADE REINFORCING

NOTE:
SEE SHEET AD201 FOR PHOTOGRAPHS OF TYPICAL CONDITIONS

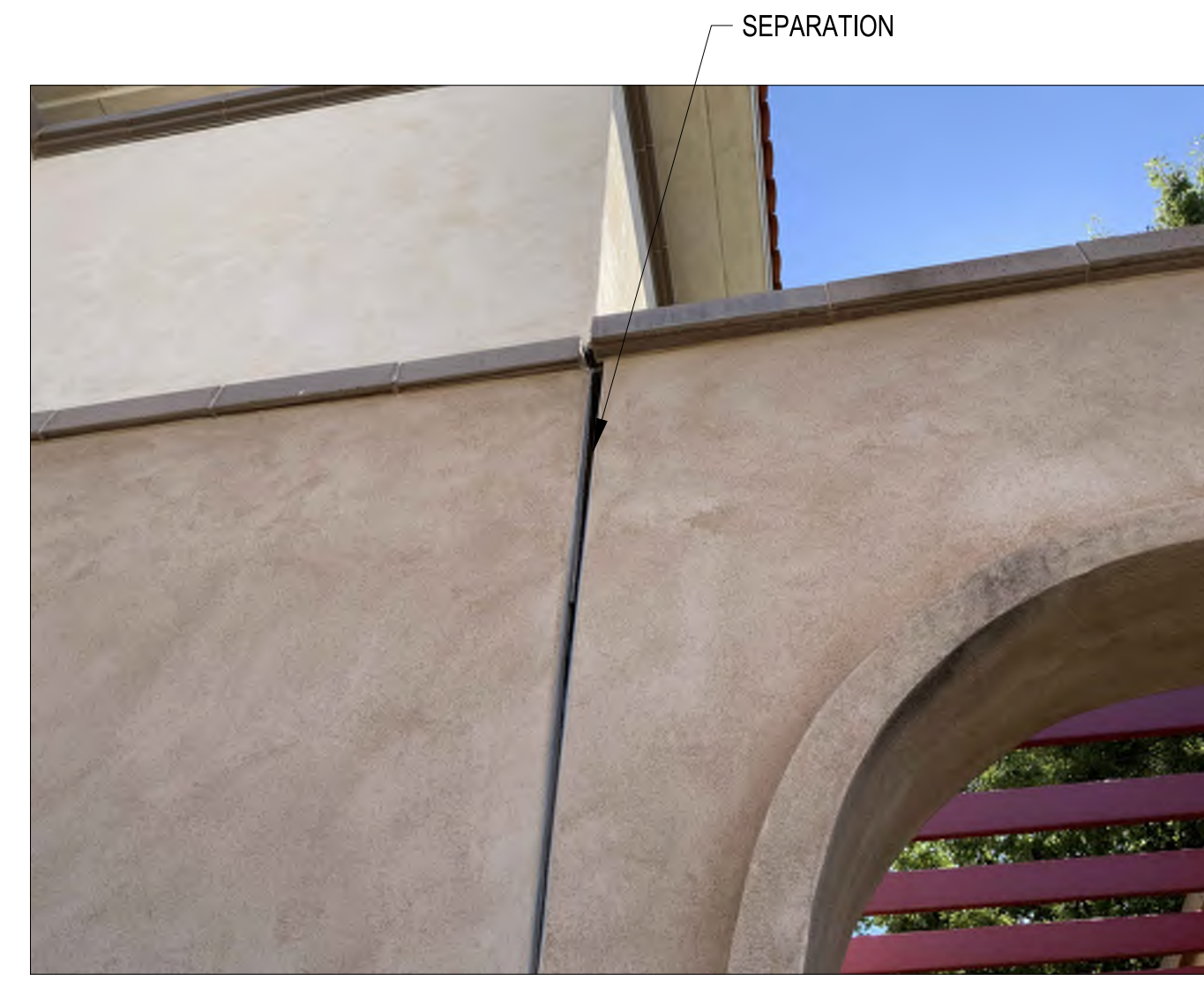


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REVISIONS				
USDA Agricultural Research Service				
USDA AGRICULTURAL RESEARCH SERVICE WOOTON HALL COLONNADE REPAIR USDA-ARS NEW MEXICO STATE UNIVERSITY LAS CRUCES, NEW MEXICO				
EXISTING COLONNADE DETAILS				
A-E FIRM	USDA	PROJECT NO.	2150 CENTRE AVENUE	SHEET
PROJECT MANAGER	EPM	XXX	BLDG D, SUITE 300	AD200
REH	XXX	DATE	FORT COLLINS, CO 80526	3 OF 6
DESIGNER	PPM	11/15/23		
REH	XXX			
CHECKED BY	SAFETY & HEALTH			
FEJ	XXX			
JOB #	REAL PROPERTY			
3723-A	XXX			

SOUTH COLONNADE



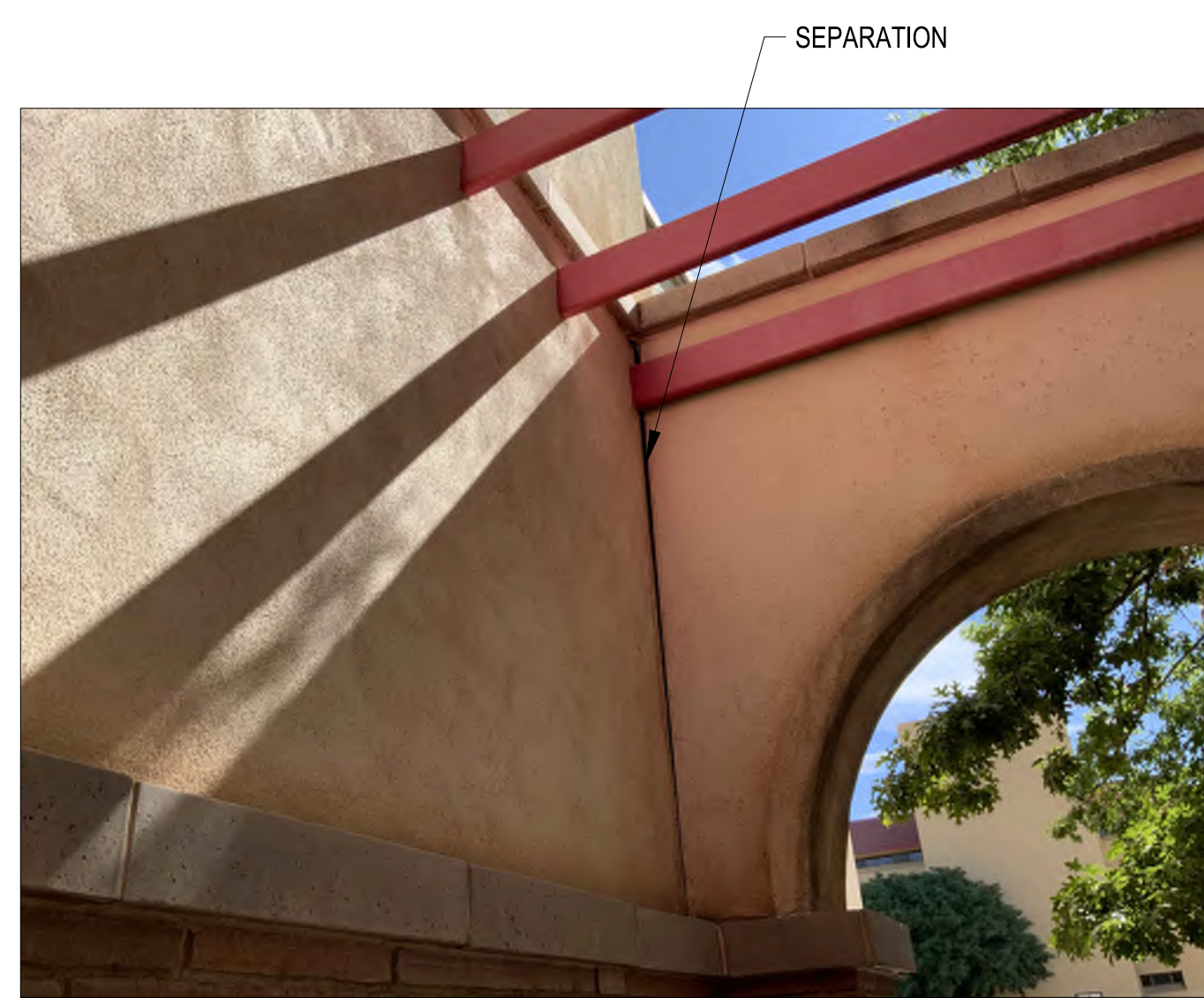
S-1 LOOKING EAST



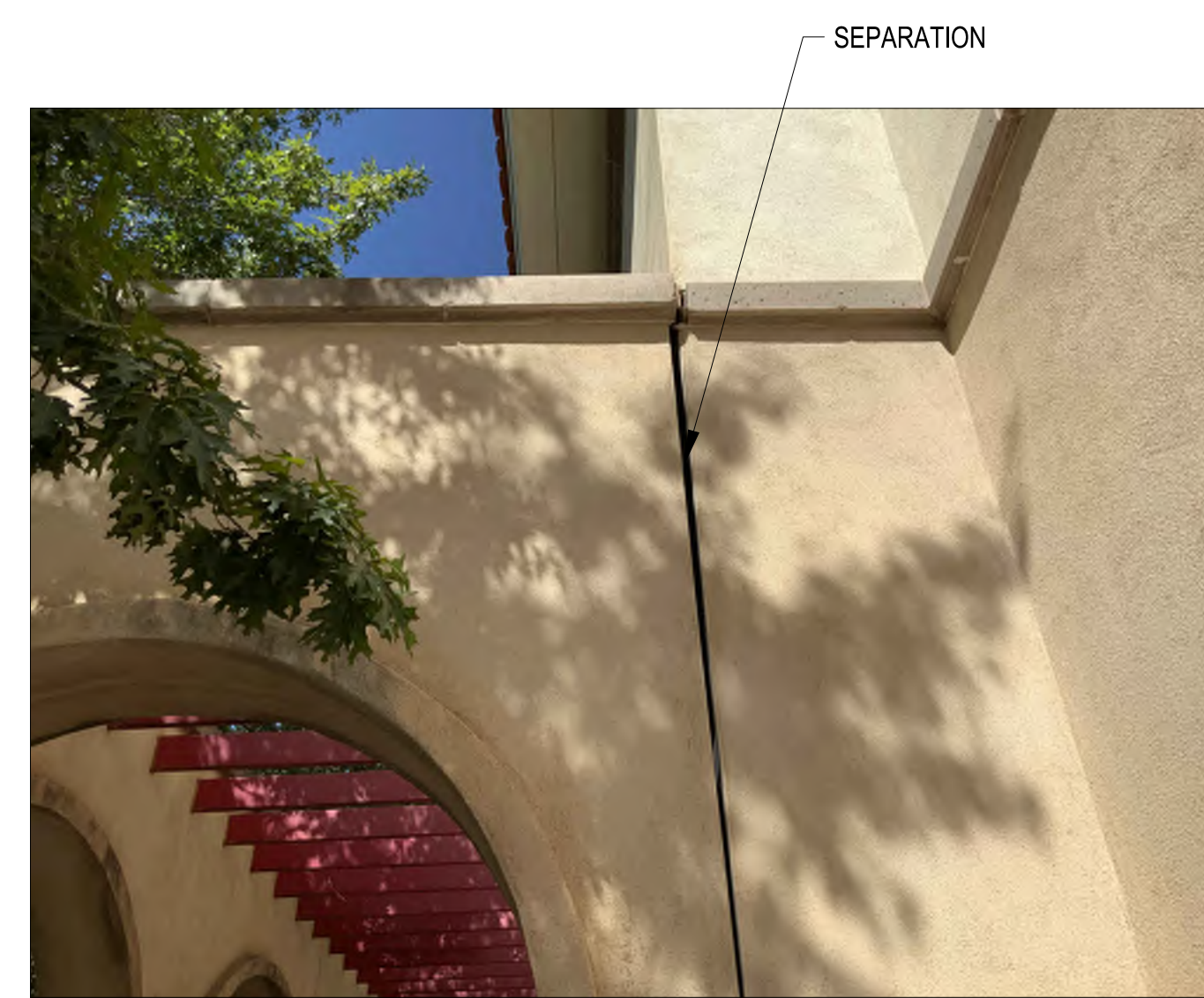
S-2 LOOKING AT WEST END



S-3 LOOKING AT TRELLIS BAR SEPARATION



S-4 LOOKING AT EAST END INTERIOR OF COLONNADE



S-5 LOOKING AT EAST END



S-6 LOOKING WEST

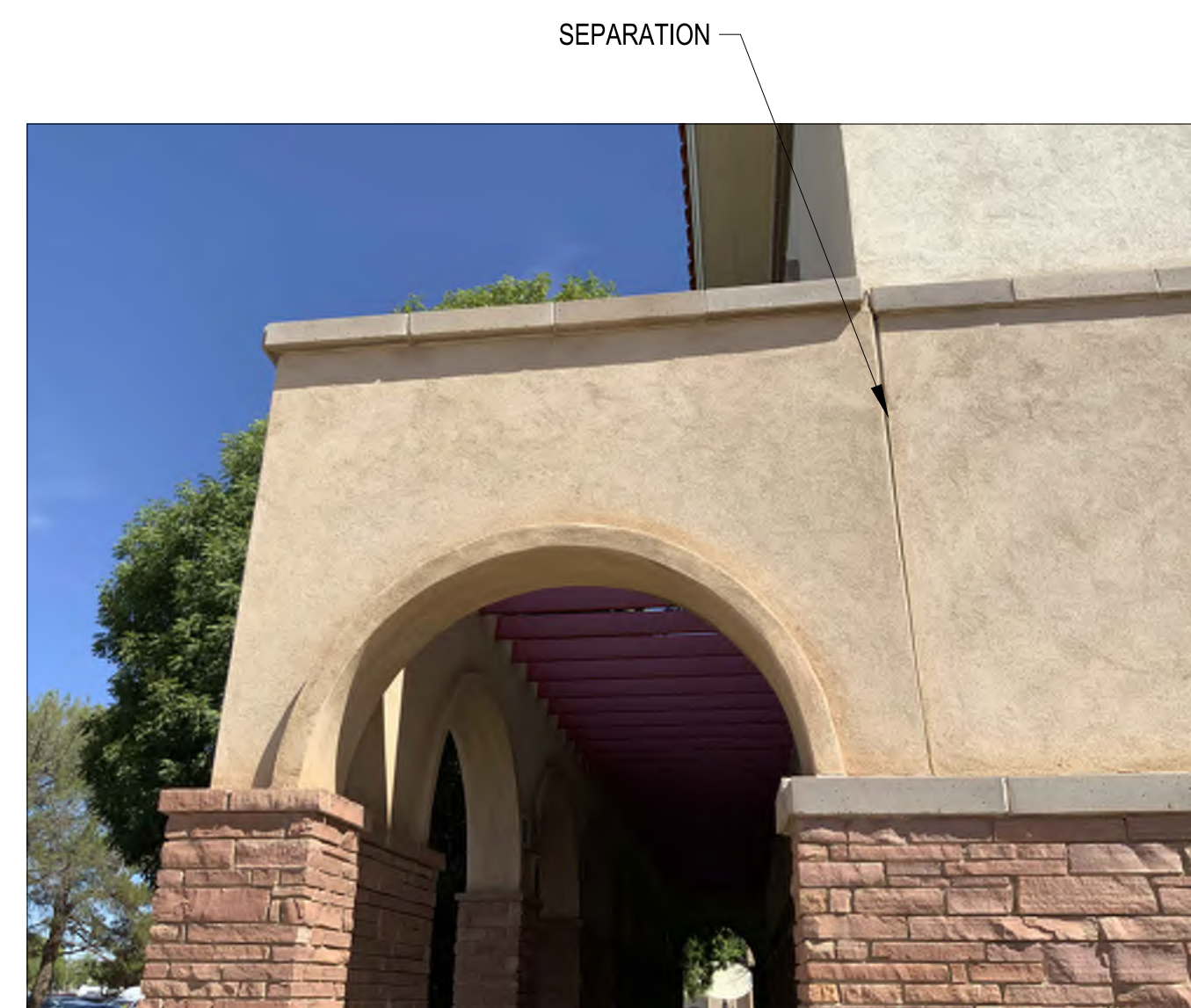
WEST COLONNADE



W-1 LOOKING NORTH



W-2 LOOKING NORTH

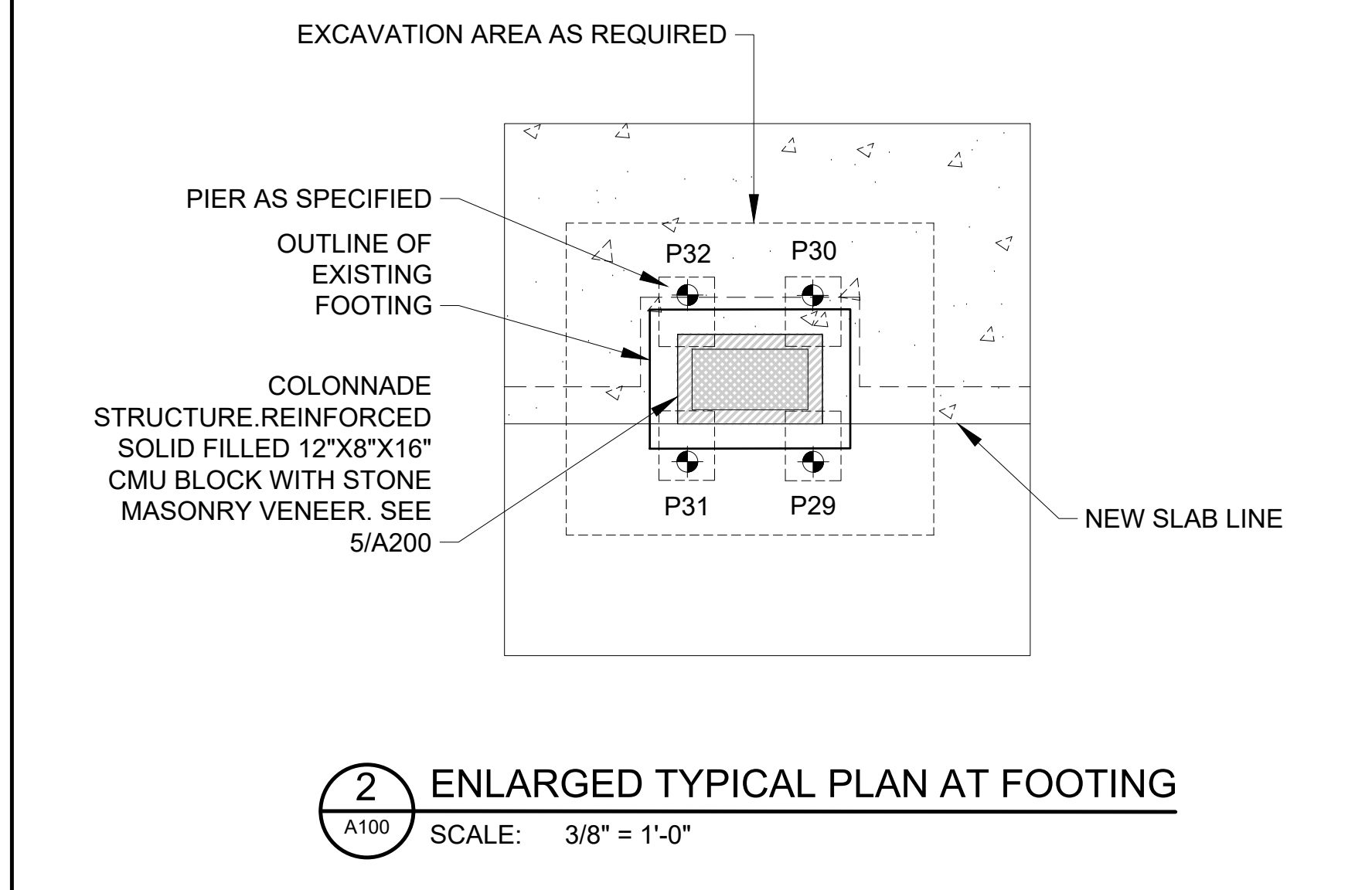
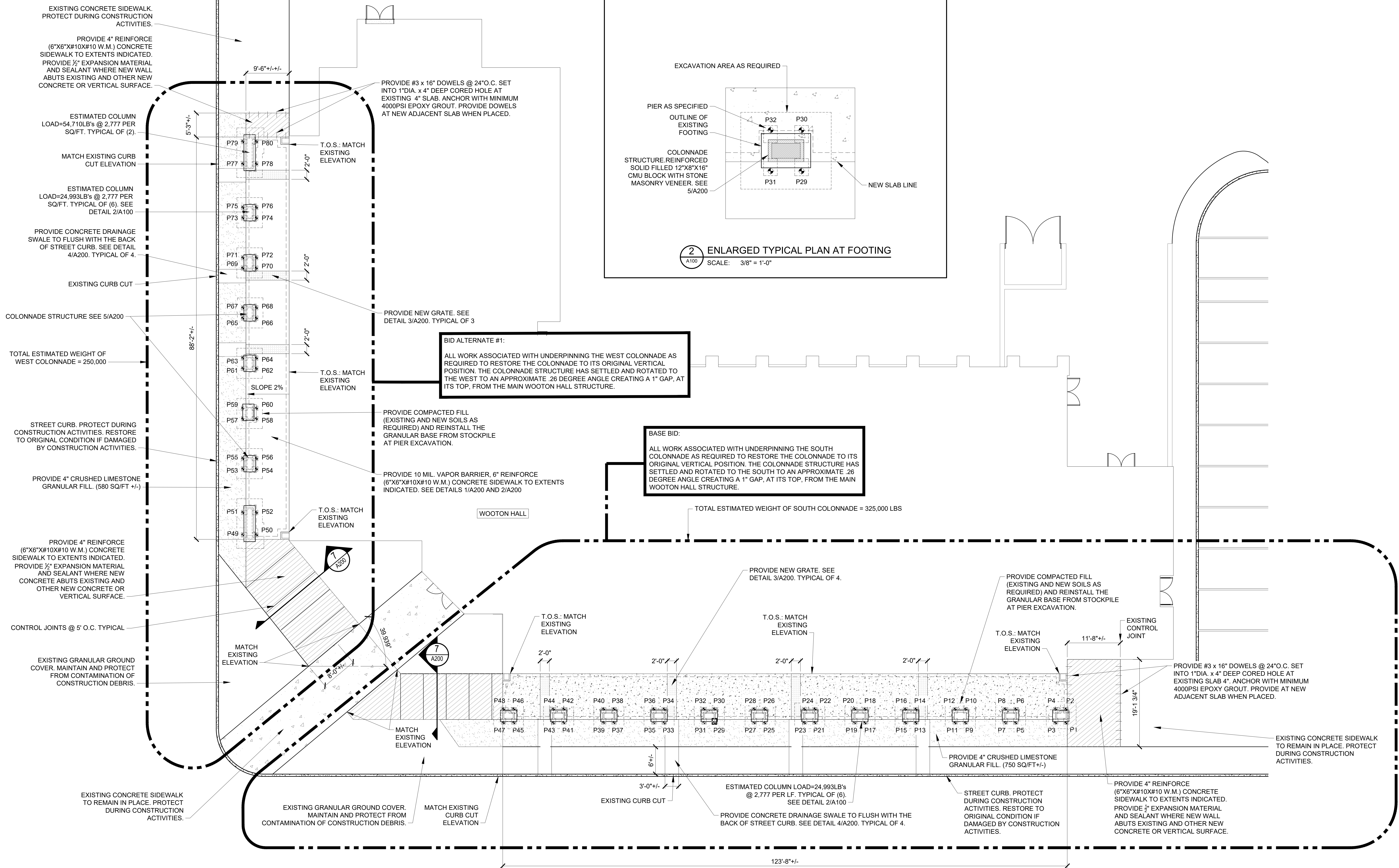


W-3 LOOKING AT SOUTH END



W-4 LOOKING SOUTH

PROJECT MANAGER REH DESIGNER REH		EPM XXX PPM XXX		NO. DATE BY DESCRIPTION	
CHECKED BY FEJ		SAFETY & HEALTH XXX		PROJECT NO. XXX	
JOB # 3723-A		REAL PROPERTY XXX		DATE 11/15/23	
				REVISIONS	
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				REFERENCE PHOTOS	
				AGRICULTURAL RESEARCH SERVICE 2150 CENTRE AVENUE BLDG D, SUITE 300 FORT COLLINS, CO 80526	
				SHEET AD201 4 OF 6	



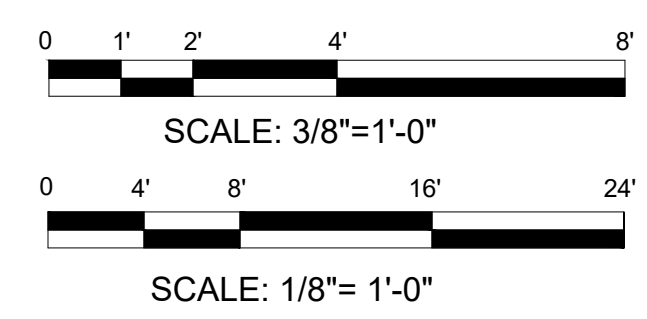
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NOTE:
 CONTRACTOR SHALL COMPLETE PIER SCHEDULE LOG ON SHEET A200.

1 COLONNADE PLAN
 SCALE: 1/8" = 1'-0"
 PLAN NORTH

LEGEND
 T.O.S. TOP OF SLAB
 P1 PIER NUMBER
 SQ/FT SQUARE FOOT



A-E FIRM		USDA	
PROJECT MANAGER	REH	EPM	XXX
DESIGNER	REH	PPM	XXX
CHECKED BY	FEJ	SAFETY & HEALTH	XXX
JOB #	3723-A	REAL PROPERTY	XXX

NO.	DATE	BY	DESCRIPTION
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	COLONNADE PLAN

PROJECT NO.	XXX	AGRICULTURAL RESEARCH SERVICE	SHEET
DATE	11/15/23	2150 CENTRE AVENUE	A100
		BLDG D, SUITE 300	5 OF 6
		FORT COLLINS, CO 80526	

2/2023 Job# 3723-A USDA Wooton Hall Demo Design - Las Cruces NM08 Submittal 100 Drawings 10/10.dwg
 Date Plt. 2/23/23 2:23pm

