EXPANSION FITTING INST	TALLATION POSITION TABLE				
INSTALLATION PERIOD	% OF MAXIMUM EXPANSION RANGE				
December to February	80%				
March to May and September to November	50%				
June to August	20%				

----- Existing Structure

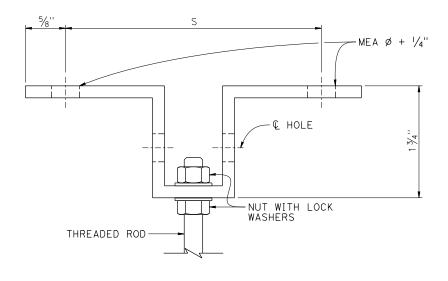
MEA - Mechanical Expansion Anchor

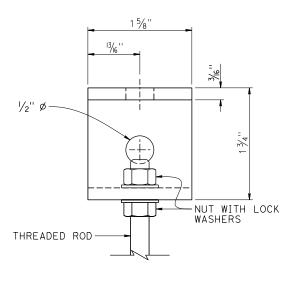
NOTES:

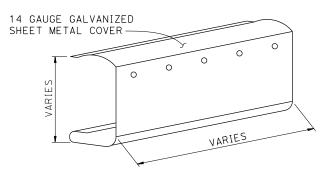
- 1. All mounting hardware and mounting brackets shall be protected from corrosion.
- 2. For SEISMIC BRACE details, see "COMMUNICATION CONDUIT (Exist UTILITY OPENING)" sheet. When alternating sides is not possible, bracing to only one side is acceptable.
- 3. For expansion fitting installation, see "EXPANSION FITTING INSTALLATION POSITION TABLE."

Dist	COUNTY	ROUTE	TOTAL PROJECT	No.	SHEETS			
REGISTERED CIVIL ENGINEER								
PLA	NS APPROV	/AL DATE		 V	→ "			
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.								

THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.



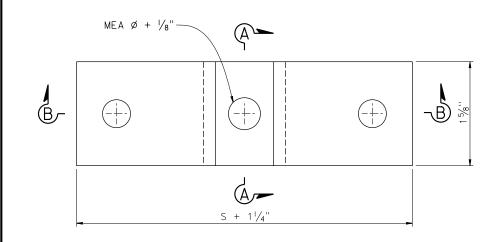




NOTE: Backplate not shown for clarity.see "COMMUNICATION CONDUIT (BARRIER)" sheet.

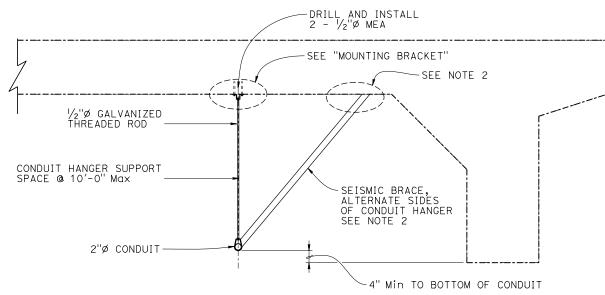
OPTIONAL COVER DETAIL NO SCALE

SECTION B-B



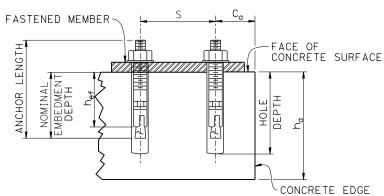
MOUNTING BRACKET

SECTION A-A



2 INCH Ø CONDUIT HANGER

CONDUIT HANGER SUPPORT DETAILS NO SCALE



TYPICAL STUD TYPE (WEDGE)

STUD MEA

CONCRETE ANCHORAGE REQUIREMENTS					
Anchor Diameter (in)	Minimum Effective Embedment h _{ef} (in)	Minimum Concrete Thickness h _a (in)	Minimum Edge Distance ^C a (in)	Minimum Anchor Spacing S (in)	
 / ₂ *	2	6	4	6	
/2*	31/4	6	4	4	

* = Alternative embedment depths for $\frac{1}{2}$ " anchor.

BRIDGE STANDARD DETAILS		STATE OF		BRIDGE No.					
xs20-015-5	The components of the Bridge Standard AUGUST 2023 The components of the Bridge Standard Details have been prepared under the		CALIFORNIA	DIVISION OF	XX-XXXX				
		,	OALH OHINA	LENGINEERING SERVICES	POST MILE				
FILE NO.	APPROVAL DATE a registered civil engineer in the State of California		DEPARTMENT OF TRANSPORTATION	ENGINEERING SERVICES	X.X	COMMUNIC	ATION CONDUIT	(ATTACHMENT	DETAILS)
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/ bridgemanuals/bridge-standard-detail-sheets/index.html		DATE PLOTTED => 7-SEP-2023 TIME PLOTTED => 11:31 ORIGINAL SCALE		UNIT: XXXX	COLINTY /F	OUTE: XXX/XXX	DISREGARD PRINTS BEARING	REVISION DATES	SHEET OF
		DATE PLOTTED => 7-SEP-2023 TIME PLOTTED => 11:31 ORIGINAL SCALE IN INCHES FOR FILE => 20230907_xs20-015-5.dgn USERNAME => \$155182 REDUCED PLANS	0 1 2 3	PROJECT NUMBER & PHASE: XXXXXXXXXXXX		No.: XX-XXXXX4	EARLIER REVISION DATES		× ×