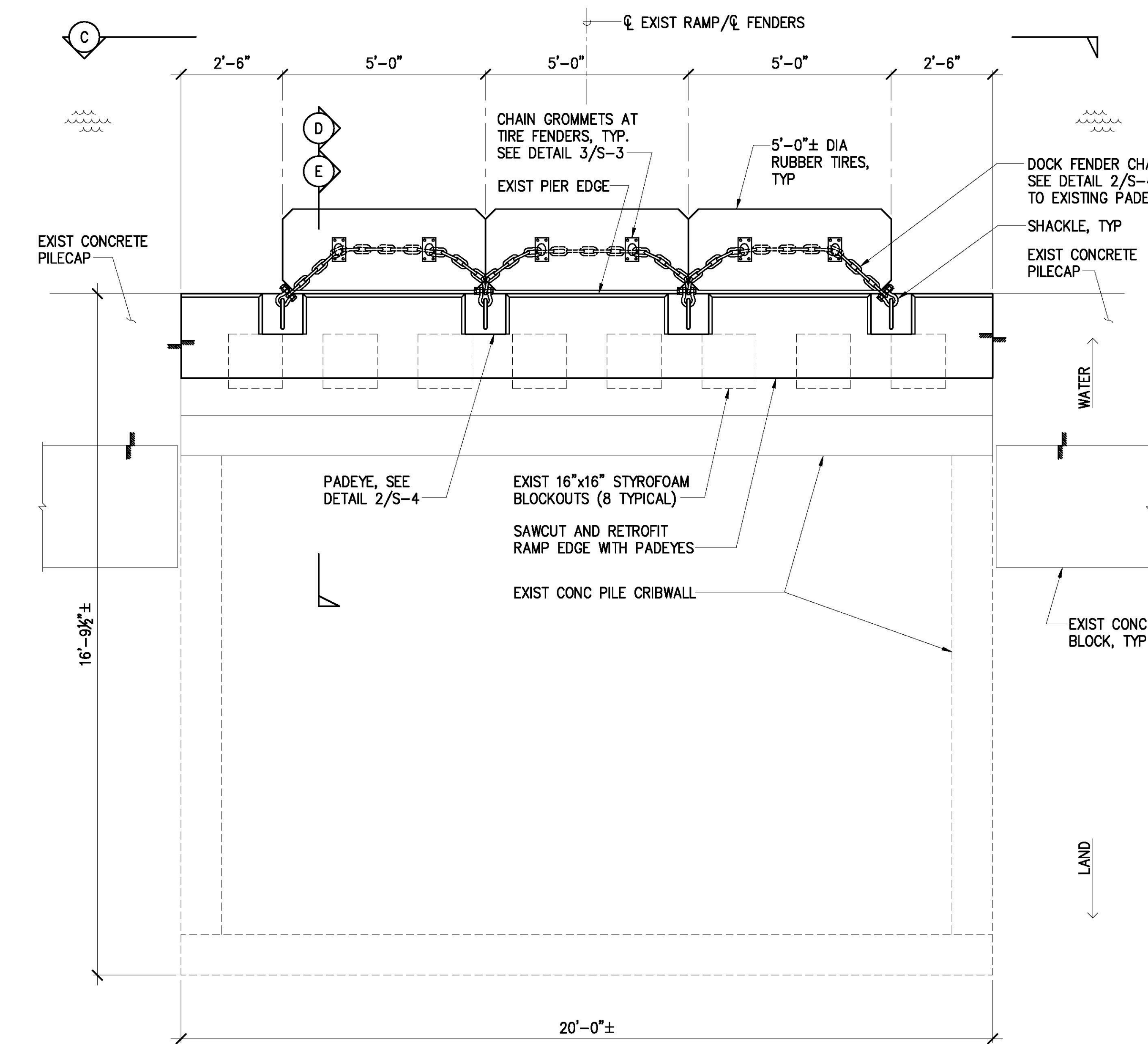
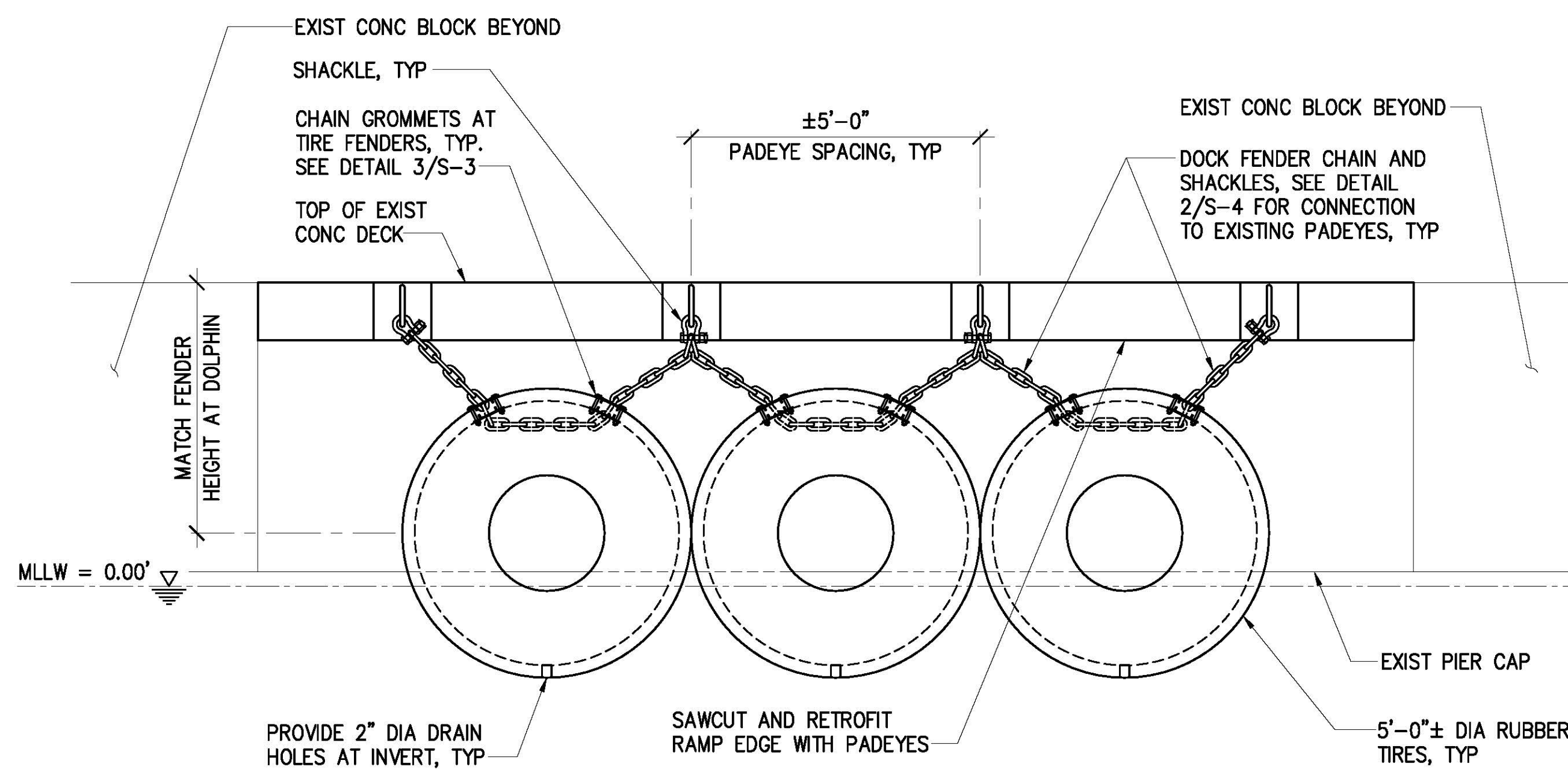


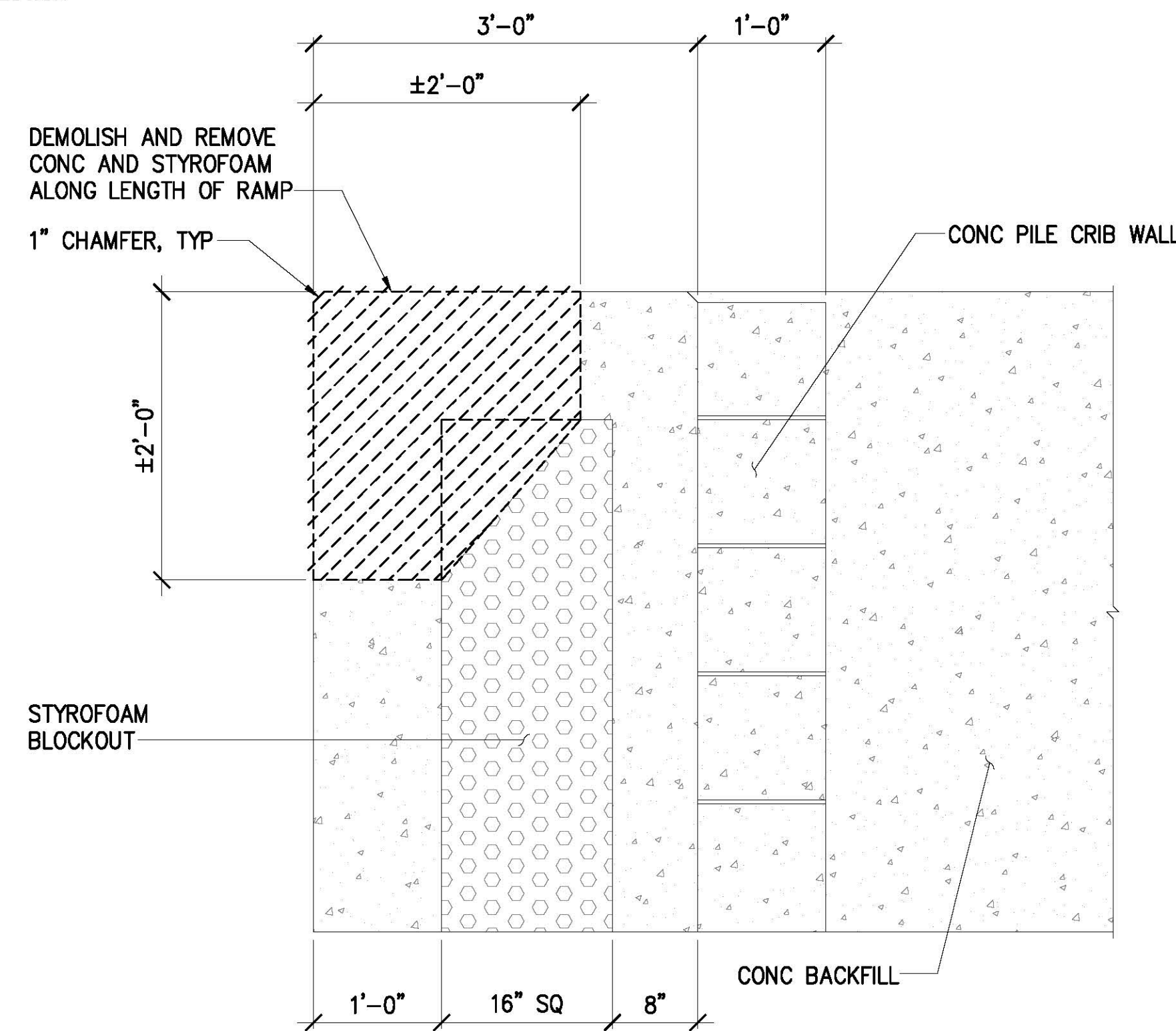


PLAN
NORTH

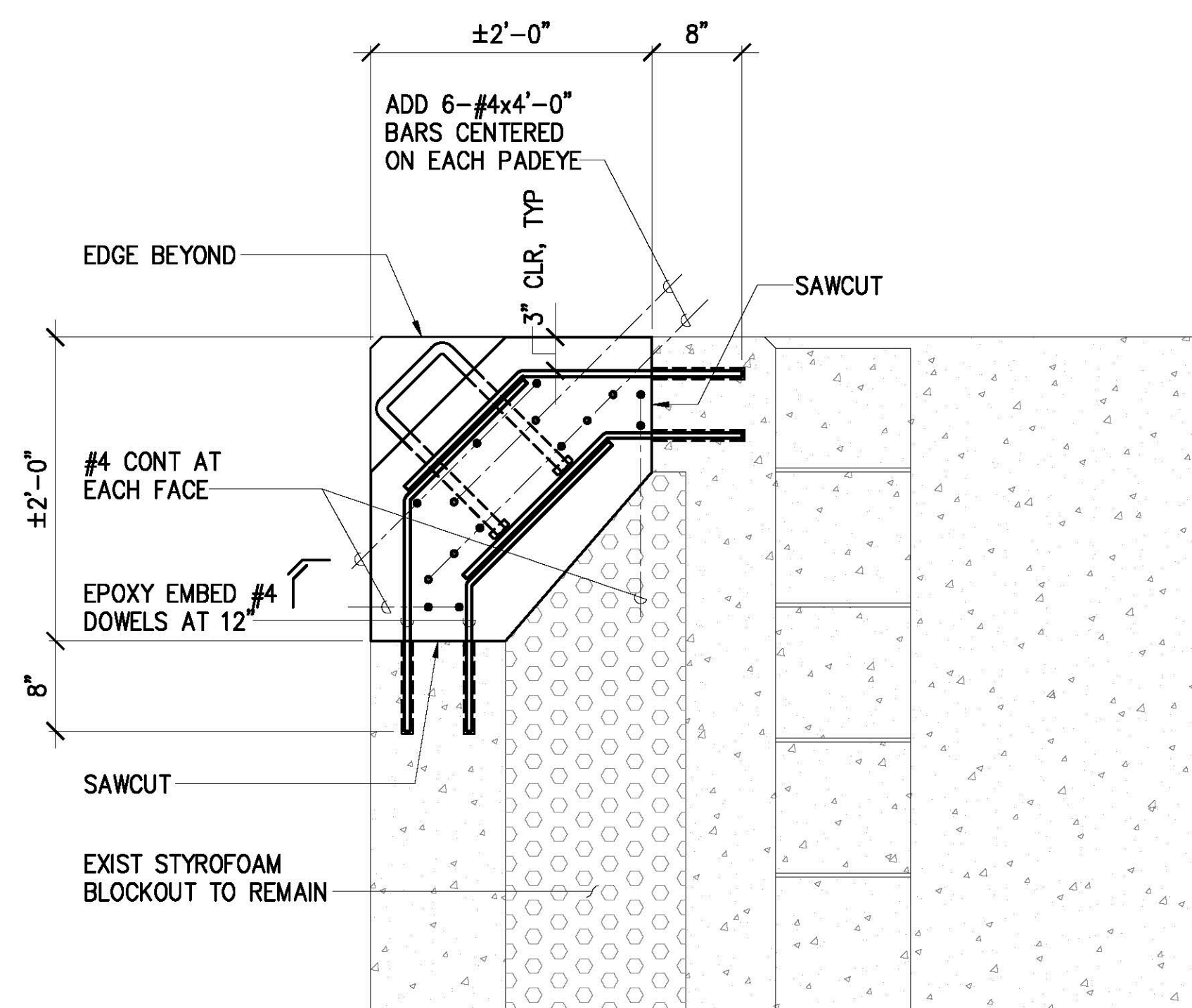


ELEVATION

1
S-4 RAMP FENDER RETROFIT
SCALE: 1/2" = 1'-0"



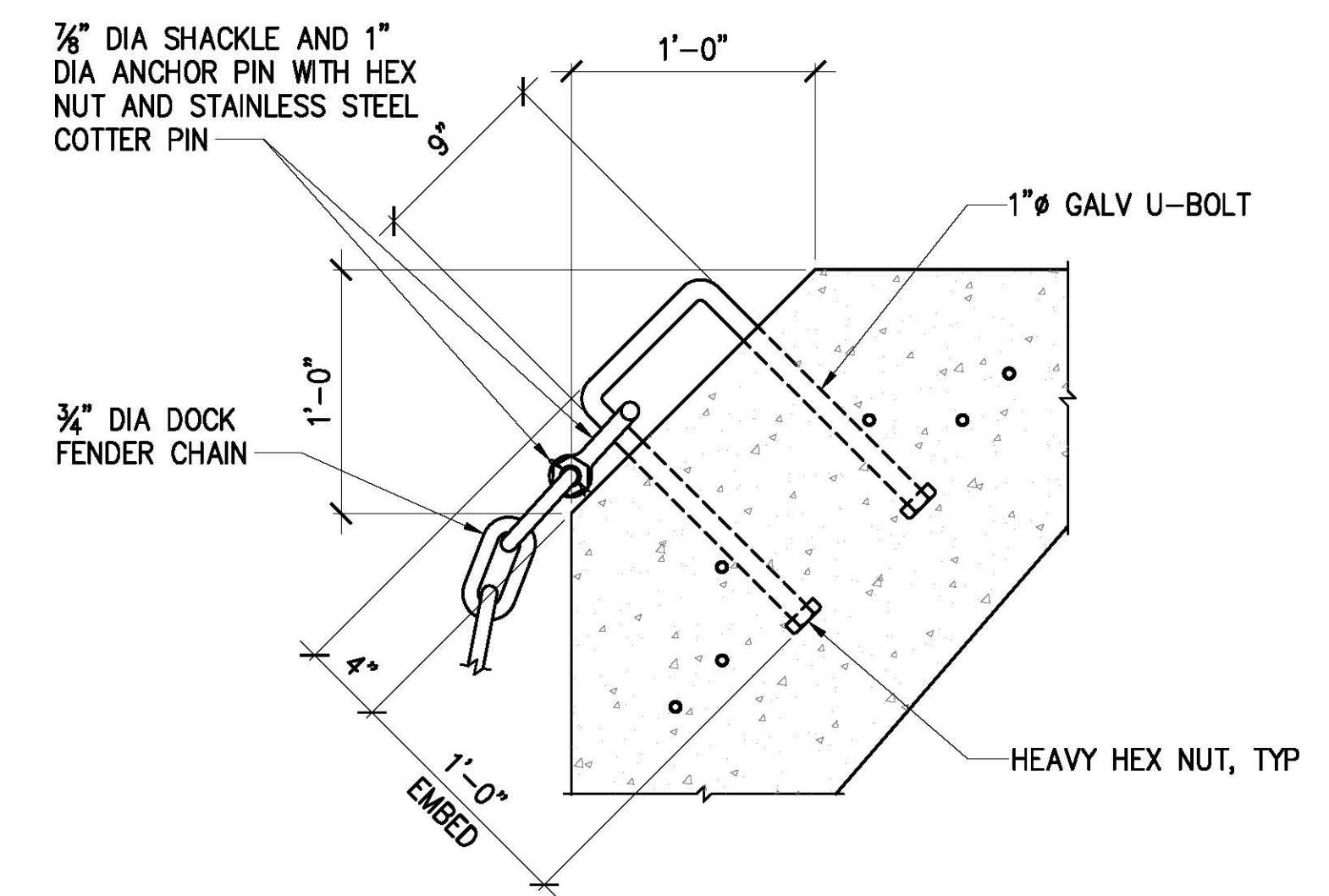
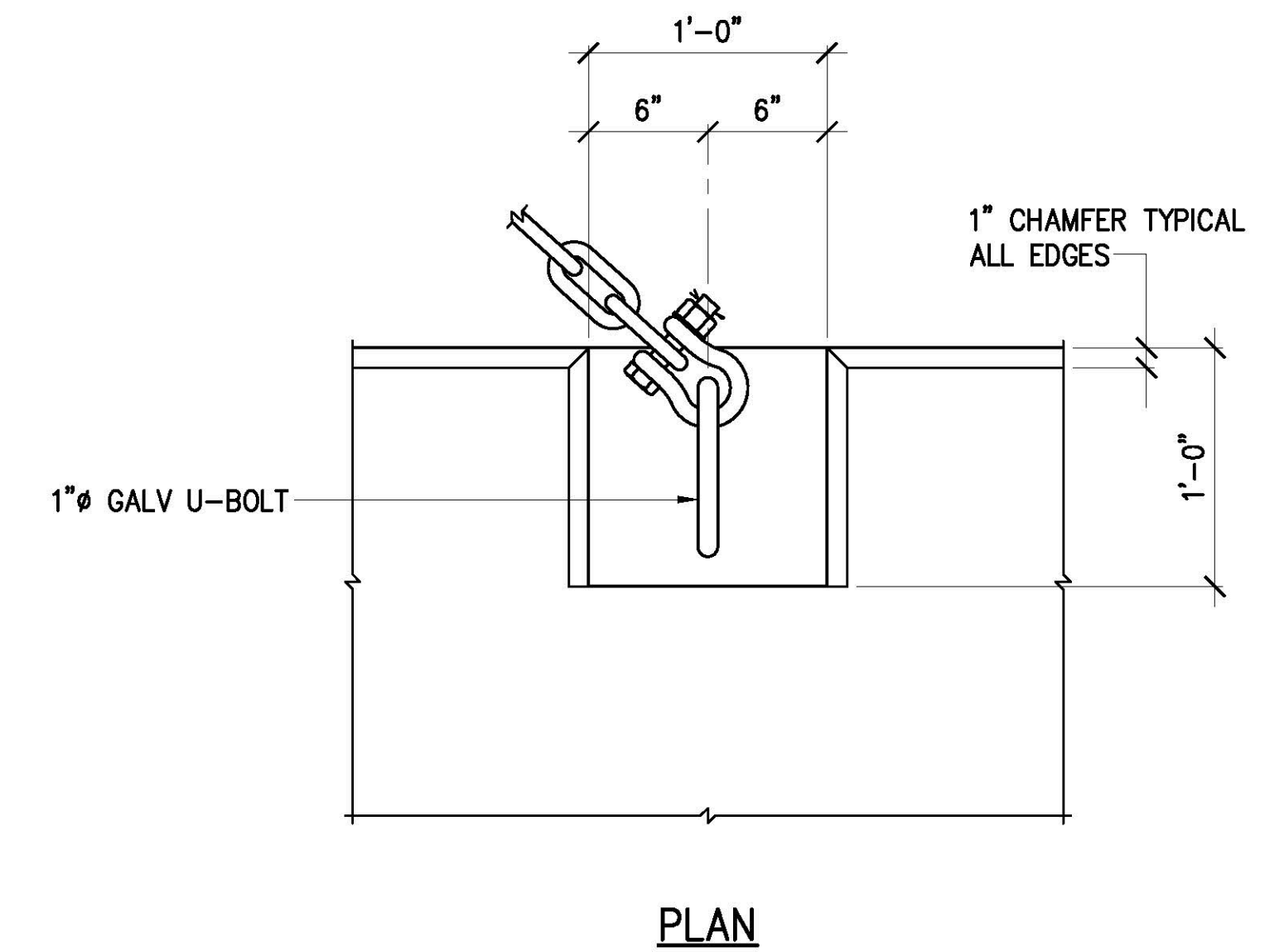
D EXISTING SECTION
SCALE: 1" = 1'-0"



NOTES:

- EXIST REINFORCING BARS ARE GFRP AND MAY BE SAWCUT AT EXTENTS OF DEMOLISHED AREAS.
- TIRE FENDER NOT SHOWN FOR CLARITY.

E SECTION
SCALE: 1" = 1'-0"



NOTE:

SHACKLE, ANCHOR PIN, AND FENDER CHAIN SHALL BE HOT DIPPED GALVANIZED.

2
S-4 PADEYE CONNECTION DETAIL
SCALE: 1-1/2" = 1'-0"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP. 4-30-24
MKE ASSOCIATES LLC

REVISION	DATE	DESCRIPTION	BY	APPROVED
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION				
JOB TITLE BOLLARD AND FENDER REPAIRS AT PIER 60 HONOLULU HARBOR, OAHU, HAWAII				
SHEET TITLE RAMP FENDER REPAIRS				
DESIGNED BY: GO	JOB NUMBER S10853		SHEET S-4	
DRAWN BY: DL				
CHECKED BY: GM				
DATE: 04/2023				
SCALE: AS SHOWN	6 OF 7 SHTS.			