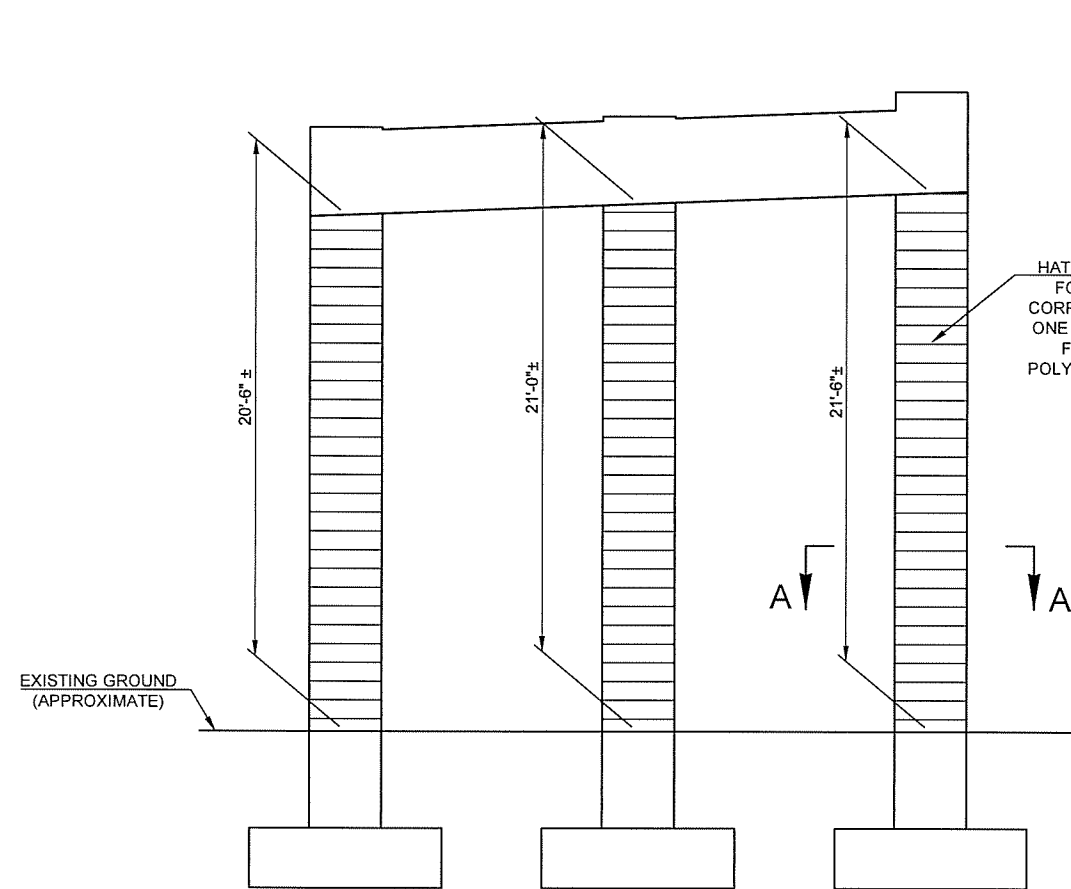
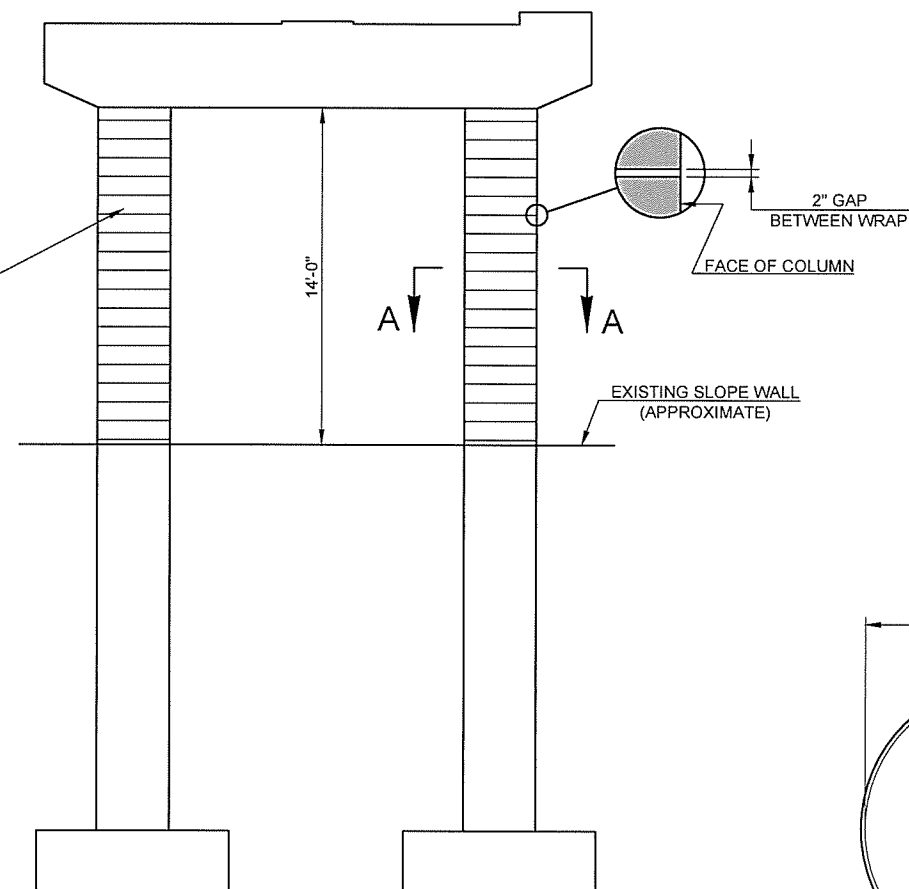


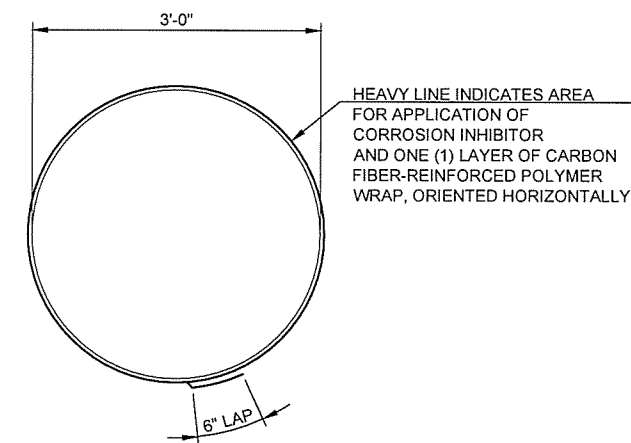
DESCRIPTION	REVISIONS	DATE



ELEVATION
(PIER 1)



ELEVATION
(PIER 3)



SECTION A-A

NOTE:

REPAIR PIER COLUMNS WITH PNEUMATICALLY PLACED MORTAR AS DIRECTED BY THE ENGINEER PRIOR TO APPLYING CORROSION INHIBITOR AND CARBON FIBER REINFORCED POLYMER WRAP.

ONE (1) LAYER OF CARBON FIBER REINFORCED POLYMER WRAP SHALL BE APPLIED TO THE COLUMNS AS SHOWN ORIENTED HORIZONTALLY.

A SPECIAL CONCRETE FINISH SHALL BE APPLIED TO THE EXPOSED SURFACES OF THE PIER INCLUDING AREAS TREATED WITH CARBON FIBER-REINFORCED POLYMER AFTER ALL REPAIRS ARE COMPLETE.

PIER 1 AND 3 QUANTITIES				
ITEM	UNIT	PIER 1	PIER 3	TOTAL
WATER REPELLENT (VISUALLY INSPECTED)	SY	105.0	65.0	170.0
SPECIAL CONCRETE FINISH	LSUM	1.0	1.0	1.0
PNEUMATICALLY PLACED MORTAR	SY	10.0	10.0	20.0
(SP) CARBON FIBER-REINFORCED POLYMER	SF	630.0	280.0	910.0
(SP) CORROSION INHIBITOR (SURFACE APPLIED)	SY	70.0	32.0	102.0

DESIGN	JSH	3/15	OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN	MRM	3/15	BRIDGE A	TULSA COUNTY
CHECKED	JWB	3/16	PIERS 1 AND 3 REPAIR DETAILS	
APPROVED				
SQUAD	TT		STATE JOB NO. 28880(04)	SHEET NO. 15

3/21/2016 10:40:56 AM - M:\TETRA TECH\1399 ODOT\EC 141\4PTASK ORDER 3\CAD\SHSHEETFILES\15 - PIER 1&3.DWG - MARQUART, MATT