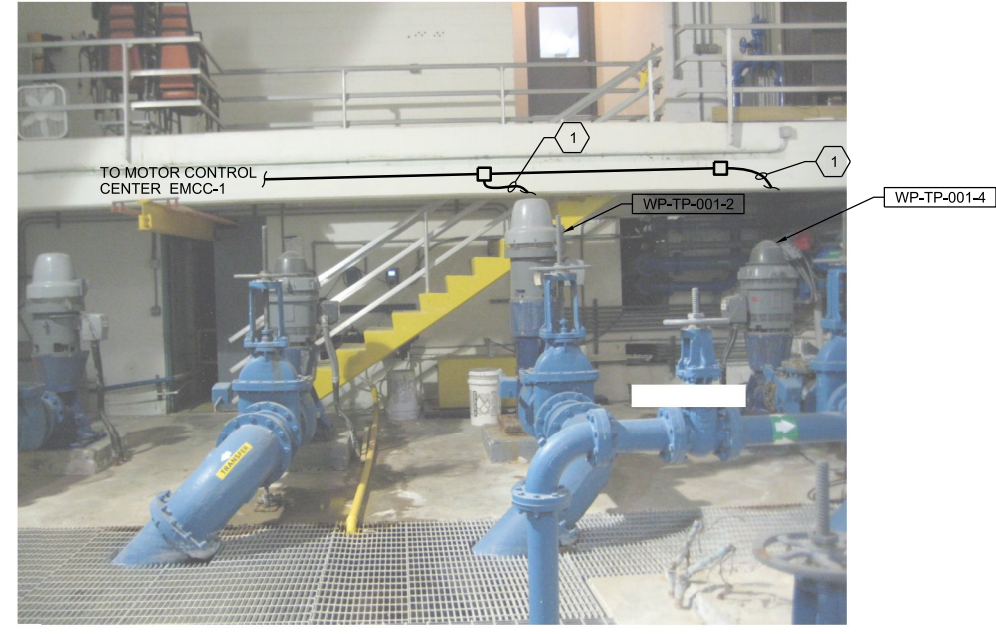


**1** DETAIL  
NTS  
300-E-1



**2** DETAIL  
NTS  
300-E-2



**3** DETAIL  
NTS  
300-E-2



**4** DETAIL  
NTS  
300-E-1

**KEYED NOTES:**

- 1 PROVIDE STAINLESS STEEL FLOOR MOUNTED CONDUIT SUPPORT TO GUIDE CONDUIT TO MOTOR, AND TRANSITION TO FLEXIBLE METALIC CONDUIT TO MOTOR POWER CONNECTION BOX. CONDUIT SYSTEM INSTALLATION, INCLUDING CONDUIT SUPPORTS, SHALL NOT INTERFERE WITH ACCESS AND REMOVAL OF PUMP/MOTOR AND ITS ACCESSORIES.
- 2 CONTACT POWER COMPANY FOR REQUIREMENTS TO TAP POWER FROM THEIR TAP BOX. PROVIDE ALL NECESSARY MATERIAL AND ACCESSORIES FOR THE POWER TAP.
- 3
  - REMOVE THE 5kVA POWER CENTER TOGETHER WITH THE ASSOCIATED INCOMING POWER CIRCUIT AND OUTGOING BRANCH CIRCUITS. REPLACE IT WITH A NEW 5kVA POWER CENTER AS SHOWN ON THE ONE-LINE DIAGRAM (DWG 300-E-4).
  - FURNISH AND INSTALL NEW BRANCH CIRCUITS AND RACEWAY SYSTEM TO ALL THE EXISTING LOADS BEING SERVED BY THE EXISTING POWER CENTER.
  - REMOVE THE 120V POWER CIRCUIT TO THE EXISTING SCADA BOX AND REPLACE IT WITH A 1-POLE, 20A CIRCUIT FROM THE NEW POWER CENTER.
  - PROVIDE STAINLESS STEEL CONDUIT SUPPORT TO ALL ABOVE GROUND CONDUITS.
  - METALIC FLEXIBLE CONDUIT, IF USED FOR FINAL TERMINATION TO EQUIPMENT/DEVICE, SHALL NOT EXCEED 12 INCHES.

CH2M Hill Engineers, Inc. TBPE FIRM NO. 3699		Wastewater Treatment Plant Water Treatment Plant and Prison Lift Station Improvements City of Pampa, Texas		NO. DATE DSGN		REVISION CHK		APVD J. O'CONNOR		BY APVD		S. HO	
ch2m		WTP ELECTRICAL DETAILS		DATE MARCH 2016		PROJ 659681		DWG 300-E-5		SHEET 87 of 125		TENDER / BID DOCUMENTS	
NTS VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING.													
DATE: MARCH 2016 PROJ: 659681 DWG: 300-E-5 SHEET: 87 of 125													