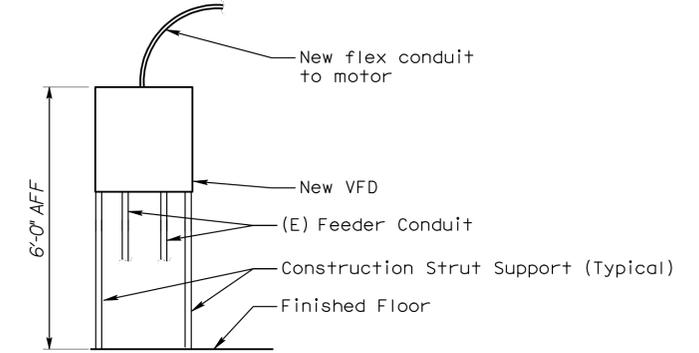
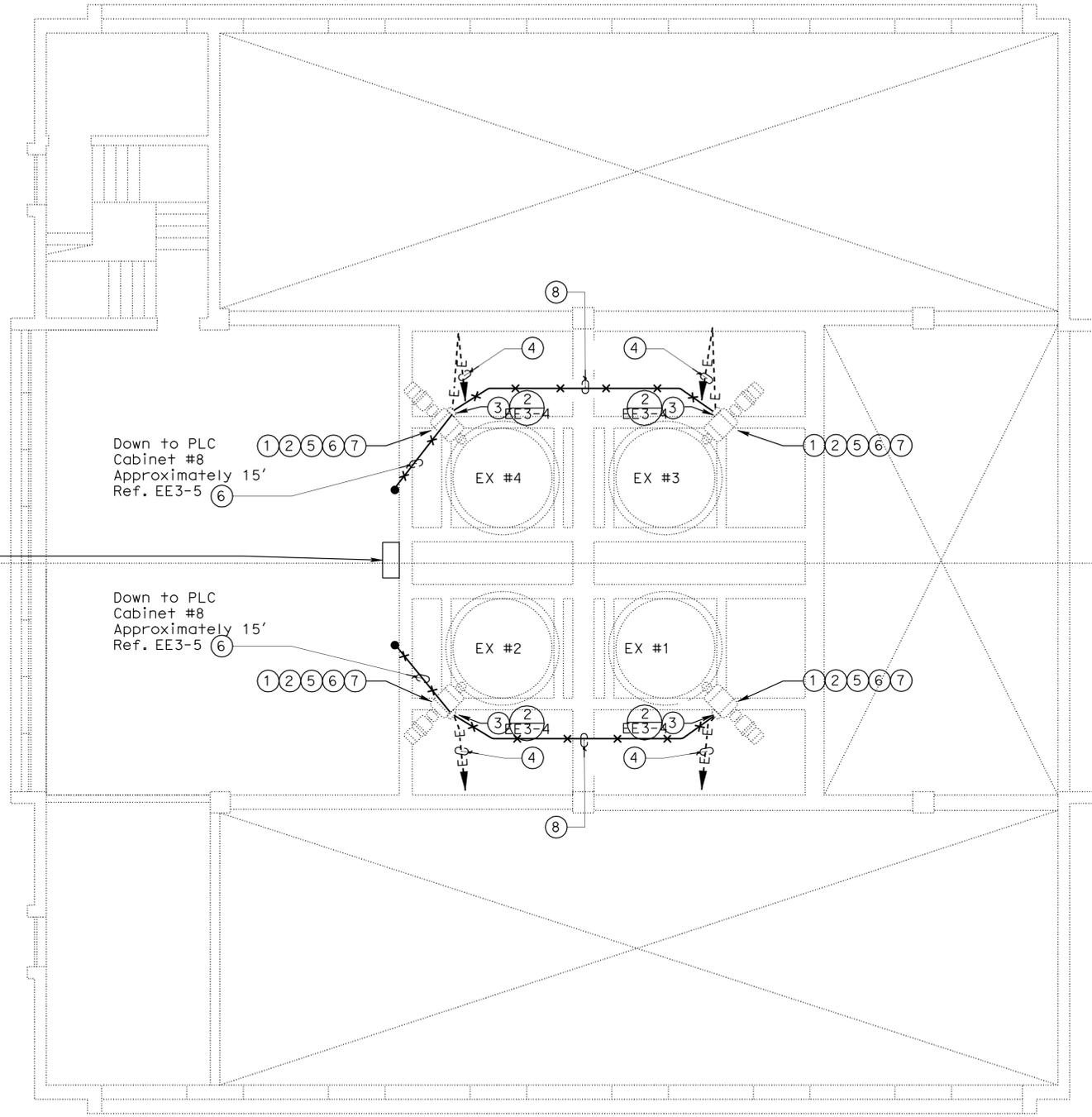


DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda	24,260	R5.9/R6.2, R0.0/R0.5, R0.9/R1.9	39	100
 REGISTERED ELECTRICAL ENGINEER			02-26-08 DATE		
11-24-08 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					
STV Incorporated 9130 Anaheim Place, Suite 210 Rancho Cucamonga, CA 91730					



2 TYPICAL VFD MOUNTING ELEVATION
EE3-4 NOT TO SCALE

WEBSTER ALAMEDA - SHEET NOTES:

- 1 Replace the existing 30 Hp, 2-speed Exhauster Fan Motor with new 324 frame, 30 Hp, 460 V, 3 Phase, 1800 RPM base, inverter rated motor.
- 2 Provide 2" lift plate under new motor to retain shaft vertical alignment with smaller motor.
- 3 Install new VFD on unistrut frame adjacent to existing motor base.
- 4 Replace existing feeder with new 3 #4 and 1 #6 Ground in existing conduit.
- 5 Provide new couplings for all new motors.
- 6 Align new motors on existing bases to coupling manufacturer's specification.
- 7 Provide new liquid tight flex for final connection to new motor.
- 8 3/4" C with Modbus Plus cable as recommended by Modicon. Channel floor as required to install conduit, repair to match existing.

1 WEBSTER STREET TUBE ALAMEDA - EXHAUST FAN ROOM POWER PLAN
EE3-4 SCALE 1/8" = 1'-0"

DESIGN BY G. MARAVILLA CHECKED R. FEE	DETAILS BY G. MARAVILLA CHECKED R. FEE	QUANTITIES BY G. MARAVILLA CHECKED R. FEE	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	SCADA SYSTEM UPGRADE: POSEY/WEBSTER STREET TUBES AND CALDECOTT TUNNEL	SHEET
					VARIABLES		34
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				CU 04220 EA 1A4604	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	OF 95
DOES SD Imperial Rev. 1/07						ee3-4.dgn	

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