

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	50	100

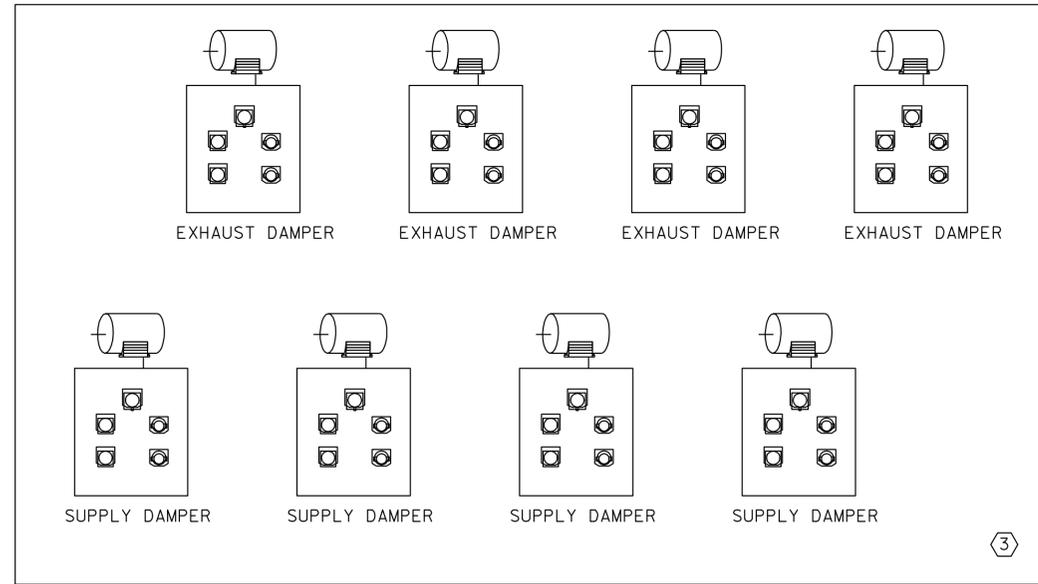
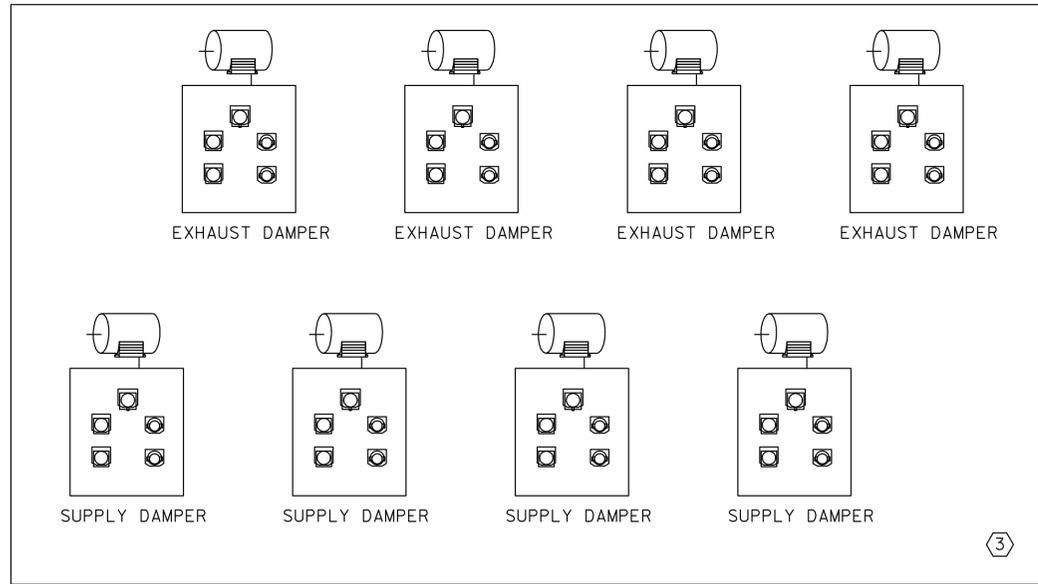
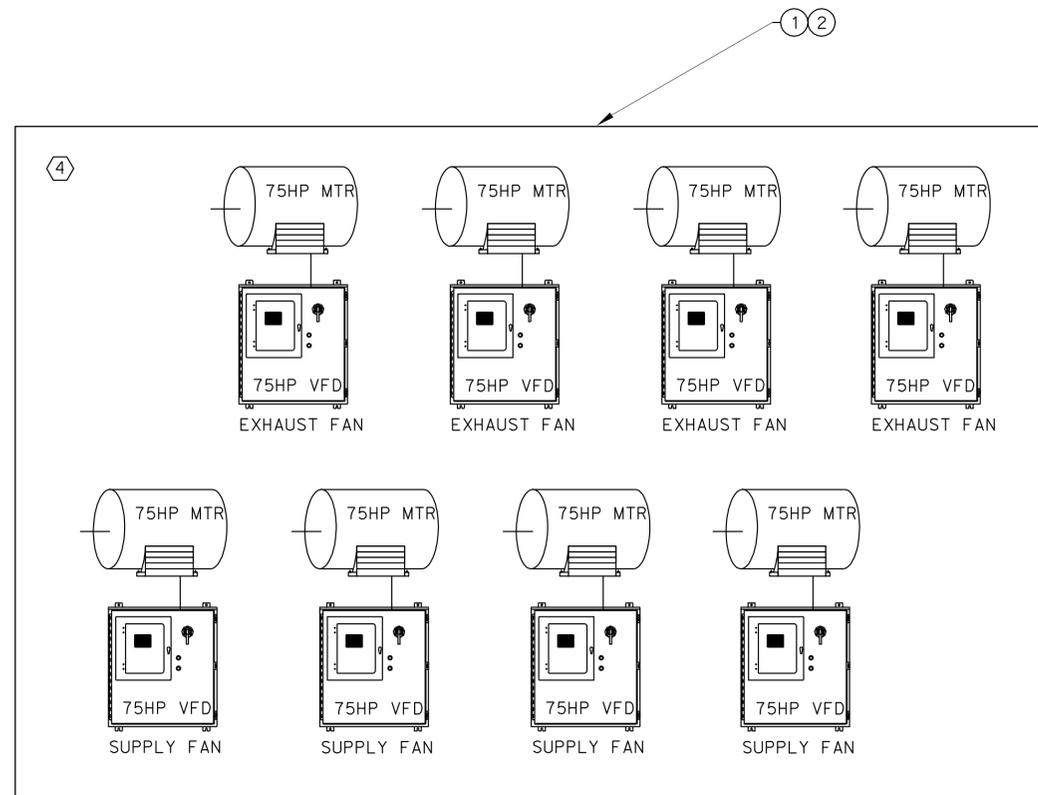
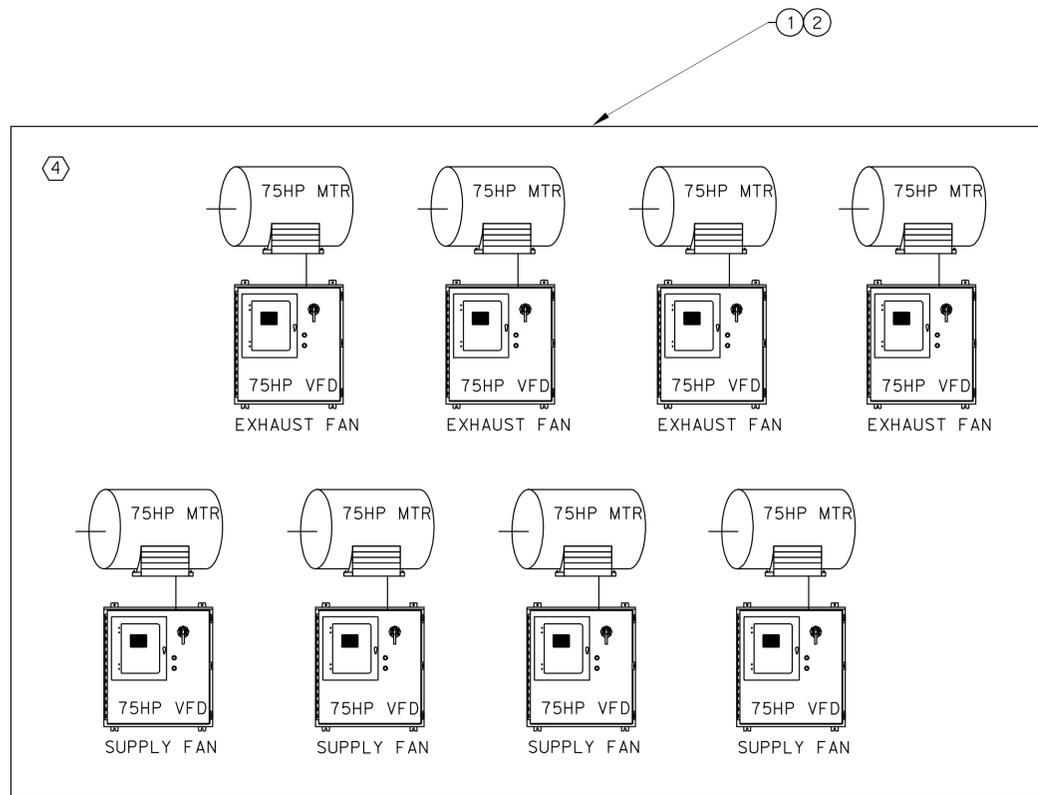

 REGISTERED ELECTRICAL ENGINEER DATE 02-26-08

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
 JDL Design, LLC 18582 Beach Blvd, Suite 229 Huntington Beach, CA 92647

REGISTERED PROFESSIONAL ENGINEER
 ROBERT J. FEE
 No. E-13014
 Exp. 6/30/09
 ELEC
 STATE OF CALIFORNIA



BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	MFG./PART No.
1	16	VARIABLE FREQUENCY DRIVE - 75HP	SEE NOTE 1
2	16	TEFC INVERTER DUTY MOTOR - 75HP	SEE NOTE 2

- NOTES:**
- ① TOSHIBA AS-1 SERIES, ALLEN BRADLEY POWERFLEX 400, ABB ACS800 SERIES OR APPROVED EQUAL.
 - ② TOSHIBA TEFC PREMIUM EQP111, TECO-WESTINGHOUSE MAX-E1 NEMA PREMIUM TEFC, RELIANCE V* MASTER INVERTER DUTY AC MOTOR, OR APPROVED EQUAL.
 - ③ EXISTING DAMPERS/MOTORS/STARTERS.
 - ④ MOTOR RATING: 460VAC, 3-PHASE, 1800 RPM.

POSEY TUBE OAKLAND (@ PLC 5)

POSEY TUBE ALAMEDA (@ PLC 6)

DESIGN	BY	G. RUSSELL	CHECKED	D. LE	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	VARIES	SCADA SYSTEM UPGRADE: POSEY/WEBSTER STREET TUBES AND CALDECOTT TUNNEL	SHEET EE4-8	
	DETAILS	BY	D. LE	CHECKED			S. LO	POST MILE			VARIES
	QUANTITIES	BY	D. LE	CHECKED			S. LO	VARIES			VARIES

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3

CU 04220
 EA 1A4604

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET OF
 45 OF 95

EE4-8.dgn