

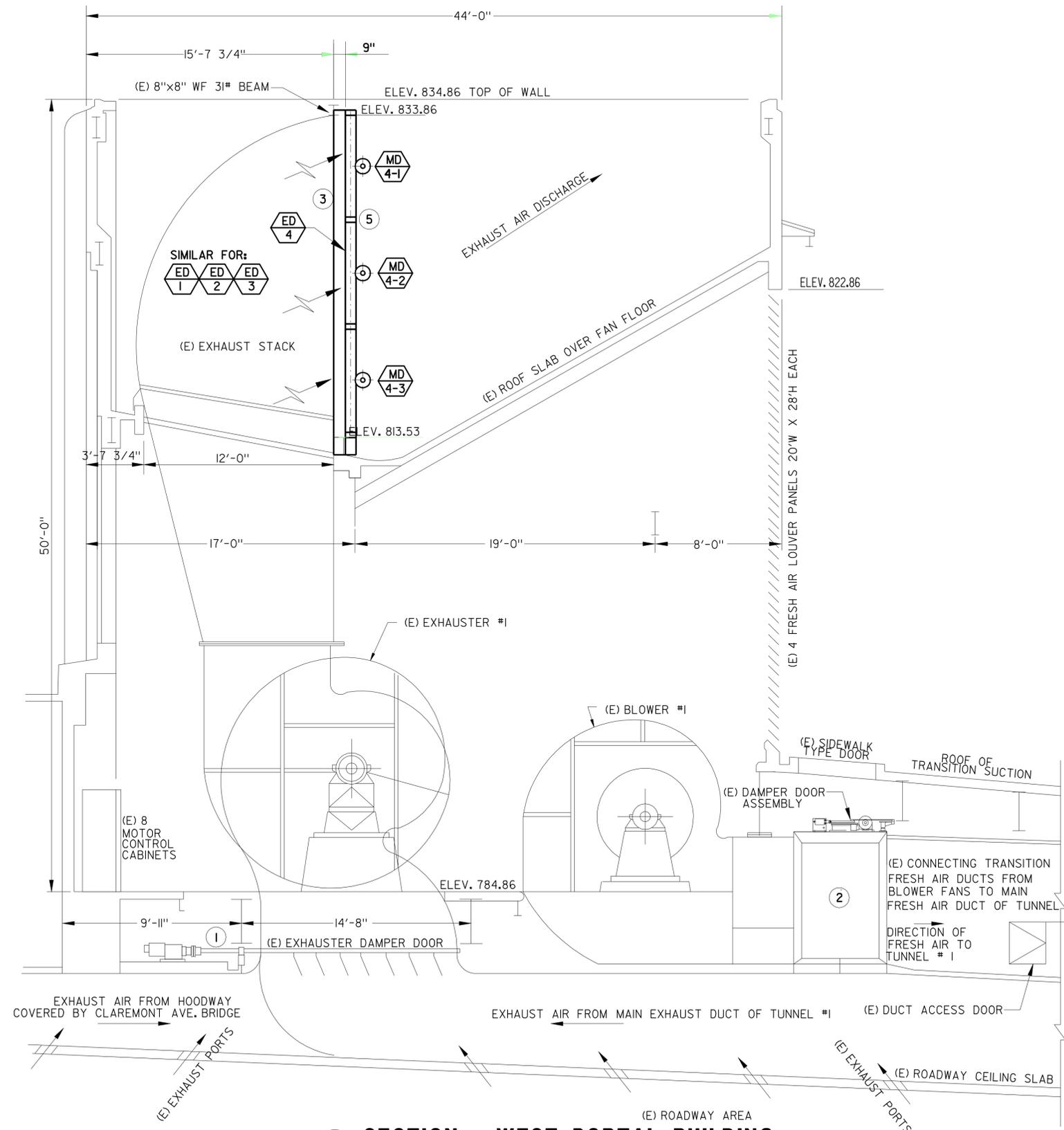
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda	24,260	R5.9/R6.2, R0.0/R0.5, R0.9/R1.9	23	100

*Hosay Mozaffari*  
 REGISTERED MECHANICAL ENGINEER      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

REGISTERED PROFESSIONAL ENGINEER  
 H. MOZAFFARI  
 No. M-22289  
 Exp. 12/31/09  
 MECH  
 STATE OF CALIFORNIA



**1 SECTION - WEST PORTAL BUILDING**  
 M1-8 SCALE 1/4" = 1'-0"

- KEYNOTES:**
- ① DISCONNECT POWER FROM EXISTING DAMPER MOTOR AND THEN LOCK EXISTING EXHAUSTER DAMPER DOOR IN OPEN POSITION PERMANENTLY (TYPICAL FOR EXHAUSTERS #1, #2 AND #3).
  - ② EXISTING EXHAUST DAMPER DOOR ASSEMBLY DOWNSTREAM OF EXISTING FRESH AIR DUCT OF EXISTING BLOWER #4 (TYPICAL FOR EXISTING BLOWERS #1, #2 AND #3). SEE SHEET M1-3 FOR EXTENT OF WORK IN EAST PORTAL TUNNEL AND SHEET M1-6 FOR EXTENT OF WORK IN WEST PORTAL TUNNEL.
  - ③ NEW 16 GAUGE MINIMUM SHEET METAL SEALING THE OPENING BETWEEN THE EXISTING EXHAUST DUCT AND THE NEW EXHAUST DAMPER ASSEMBLY. SCREW SHEET METAL WITH SHEET METAL SCREW TO EXISTING GALVANIZED ANGLE AND NEW EXHAUST DAMPER ASSEMBLY TO NEW TO NEW STRUCTURAL MEMBER @ 6" OC MAXIMUM. SEAL REMAINING AIR GAP AIRTIGHT WITH MASTIC OR APPROVED EQUAL (TYPICAL FOR EXISTING EXHAUSTERS #1, #2 AND #3).
  - ④ EXISTING EXHAUSTERS AND EXISTING BLOWERS #1, #2 AND #3 NOT SHOWN FOR CLARITY.
  - ⑤ SEE DETAIL ON 1/M1-9 AND 1/M1-10.

DOES SD Imperial Rev. 1/07	DESIGN	BY C. CASTILLO	CHECKED H. MOZAFFARI	PREPARED FOR THE <b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	<b>SCADA SYSTEM UPGRADE: POSEY/WEBSTER STREET TUBES AND CALDECOTT TUNNEL</b>	SHEET	
	DETAILS	BY C. CASTILLO	CHECKED H. MOZAFFARI			VARIABLES		19	
	QUANTITIES	BY C. CASTILLO	CHECKED H. MOZAFFARI			POST MILE		96	
				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 19 96

26-NOV-2008 13:28 M1-08.dgn