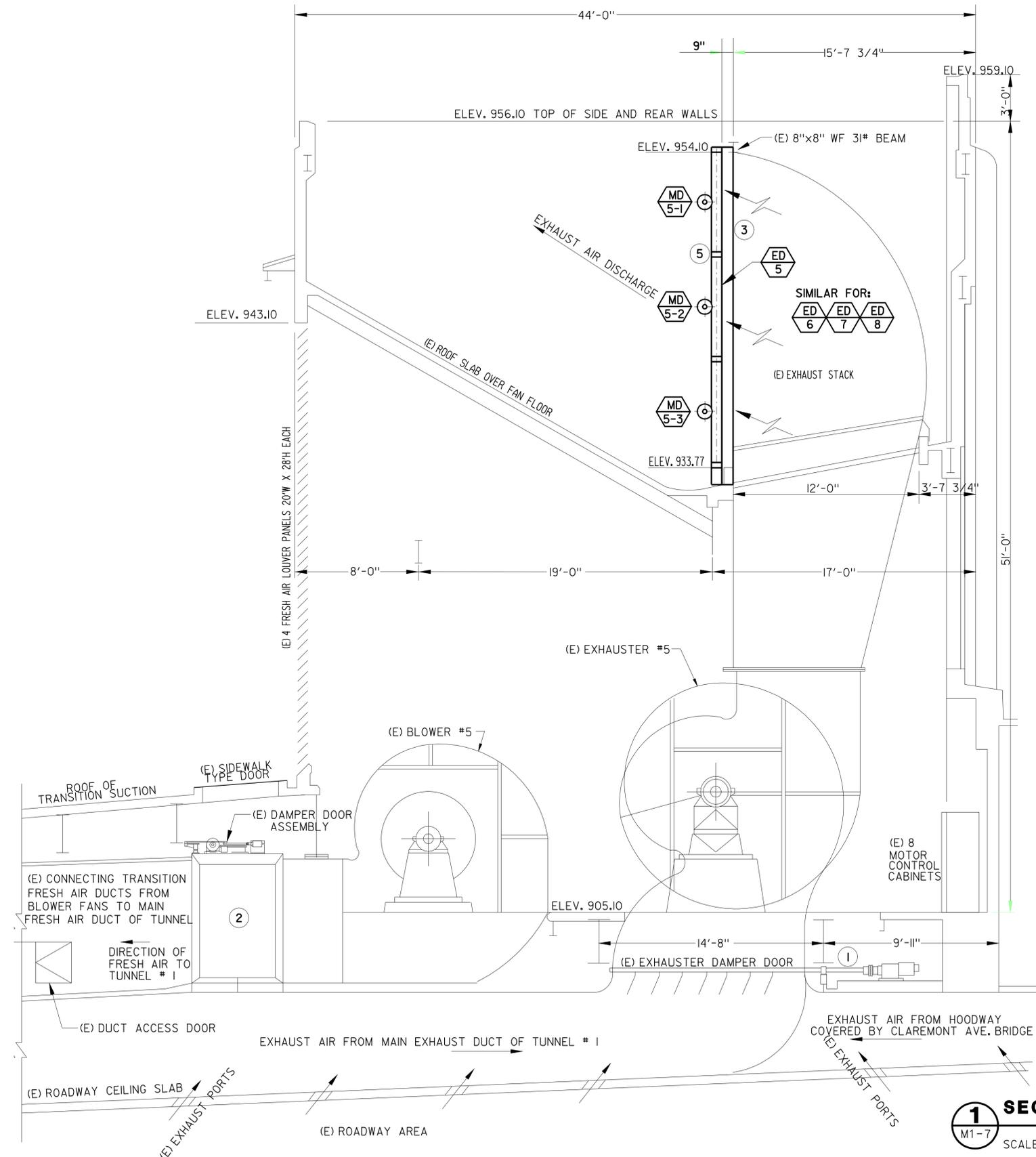


DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda	24,260	R5.9/R6.2, R0.0/R0.5, R0.9/R1.9	22	100

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



- KEYNOTES:
- 1 DISCONNECT POWER FROM EXISTING DAMPER MOTOR AND THEN LOCK EXISTING EXHAUSTER DAMPER DOOR IN OPEN POSITION PERMANENTLY (TYPICAL FOR EXISTING EXHAUSTERS #6, #7 AND #8).
 - 2 EXISTING BLOWER DAMPER DOOR ASSEMBLY DOWNSTREAM OF EXISTING FRESH AIR DUCT OF EXISTING BLOWER #5 (TYPICAL FOR EXISTING BLOWERS #6, #7 AND #8) SEE SHEET MI-3 FOR EXTENT OF WORK IN EAST PORTAL TUNNEL AND SHEET MI-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 NEW EXHAUST DAMPER ASSEMBLY. SCREW SHEET METAL WITH SHEET METAL SCREW TO EXISTING 3" x 5" GALVANIZED ANGLE AND NEW STRUCTURAL MEMBER Ø 6" OC MAXIMUM. SEAL REMAINING AIR GAP AIRTIGHT WITH MASTIC OR APPROVED EQUAL (TYPICAL FOR EXISTING EXHAUSTERS #6, #7 AND #8).
 - 4 EXISTING EXHAUSTERS AND BLOWERS # 6, #7 AND #8 NOT SHOWN FOR CLARITY.
 - 5 SEE DETAIL ON I/MI-9 AND I/MI-10.

1 SECTION - EAST PORTAL BUILDING
 M1-7 SCALE 1/4" = 1'-0"

DESIGN BY C. CASTILLO	CHECKED H. MOZAFFARI	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 OF
DETAILS BY C. CASTILLO	CHECKED H. MOZAFFARI			POST MILE VARIES		18 OF
QUANTITIES BY C. CASTILLO	CHECKED H. MOZAFFARI			VARIES		96
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0 1 2 3	CU 04220 EA 1A4604	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF
DOES SD Imperial Rev. 1/07						M1-07.dgn