

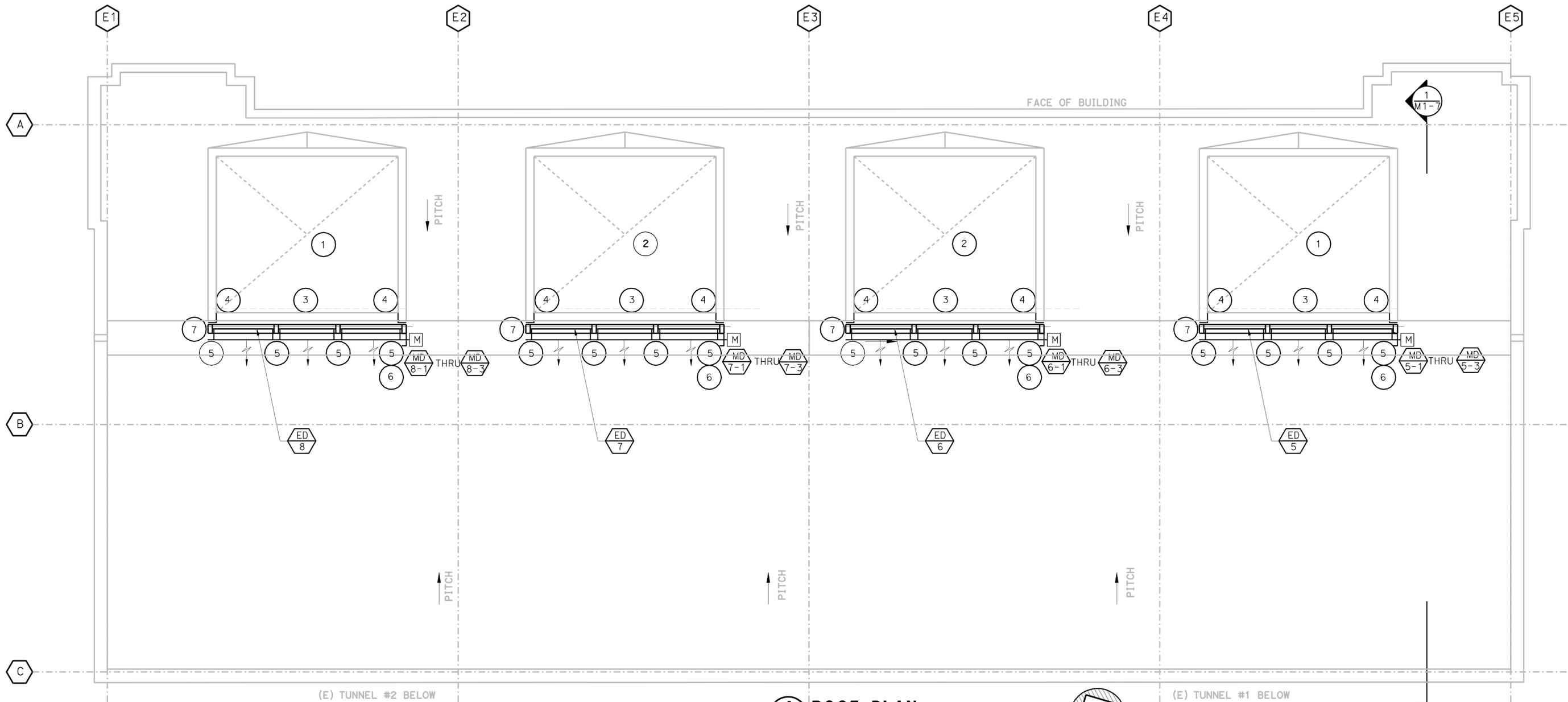
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC	24,260	R5.9/R6.2, R0.0/R0.5, R0.9/R1.9	17	100

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

**KEYNOTES:**

- ① ALL WORK ASSOCIATED WITH EXISTING EXHAUSTERS #5 & #8 IN FAN ROOM BELOW SHALL BE DONE UNDER PHASE 1.
- ② ALL WORK ASSOCIATED WITH EXISTING EXHAUSTERS #6 & #7 IN FAN ROOM BELOW SHALL BE DONE UNDER PHASE 2.
- ③ REMOVE ALL EXISTING TIE RODS AND CABLES ON FACE OF EXISTING EXHAUST DUCT OPENING.
- ④ NEW 16 GAUGE MINIMUM SHEET METAL SEALING THE RESULTING 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 STRUCTURAL MEMBER @ 6" OC MAXIMUM. SEAL REMAINING AIR GAP AIRTIGHT WITH MASTIC OR APPROVED EQUAL.
- ⑤ FACTORY FURNISHED, FIELD INSTALLED JACKSHAFT SUPPORT WITH BALL BEARING (TYPICAL OF 5 FOR OPTION #1 AND TYPICAL OF 3 FOR OPTION #2).
- ⑥ FACTORY FURNISHED, FIELD INSTALLED EXHAUST DAMPER MOTOR SUPPORT BRACKET WELDED TO NEW EXHAUST DAMPER FRAME (TYPICAL OF 3).
- ⑦ NEW STRUCTURAL MEMBER. SEE STRUCTURAL DRAWING FOR SIZE AND DETAILS.



**1 ROOF PLAN**  
M1-2 SCALE 1/4" = 1'-0"

DESIGN	BY C. CASTILLO	CHECKED H. MOZAFFARI
DETAILS	BY C. CASTILLO	CHECKED H. MOZAFFARI
QUANTITIES	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  
POST MILE VARIES

**SCADA SYSTEM UPGRADE: POSEY/WEBSTER STREET TUBES AND CALDECOTT TUNNEL**  
CALDECOTT BORES 1 & 2  
EAST PORTAL BUILDING ROOF PLAN - HVAC

SHEET  
**M1-2**