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	14	100

REGISTERED MECHANICAL ENGINEER — DATE

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

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

EXHAUST DAMPER MOTOR SCHEDULE (RCS SURE 100 USED AS DESIGN BASIS) - OPTION #1

SYMBOL	LOCATION	SERVING	EXHAUST DAMPER MOTOR DATA					ELECTRICAL DATA			OPERATING WEIGHT	WORK PHASE	REMARKS
			QTY	NLA	LRA	TORQUE (IN-LBS)	SPEED RANGE IN SECONDS	VOLTAGE	PHASE	HERTZ			
MD 1-1 THRU MD 1-3	WEST PORTAL BLDG ROOF	ED 1	3	0.65 EA	0.95 EA	1200	30	120	1	60	82 LBS EACH	PHASE 1	EACH DAMPER MOTOR SHALL BE OF THE OUTDOOR TYPE AND INCLUDE OPEN & CLOSED LIMIT SWITCHES AND SHALL BE INSTALLED UNDER INDICATED PHASE. EACH DAMPER MOTOR SHALL CONTROL 3 WIDE x 1 HIGH 53" x 77" EXHAUST DAMPERS LINKED TOGETHER.
MD 2-1 THRU MD 2-3		ED 2	3									PHASE 2	
MD 3-1 THRU MD 3-3		ED 3	3										
MD 4-1 THRU MD 4-3		ED 4	3									PHASE 1	
MD 5-1 THRU MD 5-3	EAST PORTAL BLDG ROOF	ED 5	3	0.65 EA	0.95 EA	1200	30	120	1	60	82 LBS EACH		
MD 6-1 THRU MD 6-3		ED 6	3									PHASE 2	
MD 7-1 THRU MD 7-3		ED 7	3										
MD 8-1 THRU MD 8-3		ED 8	3									PHASE 1	

EXHAUST DAMPER SCHEDULE (RUSKIN CD80AF3 USED AS DESIGN BASIS) - OPTION #1

SYMBOL	LOCATION	SERVING	EXHAUST DAMPER DATA					OPERATING WEIGHT	WORK PHASE	REMARKS
			QTY	SIZE	TYPE	NORMAL POSITION	FRAME			
ED 1	WEST PORTAL BLDG ROOF	EXHAUSTER NUMBER 1	9	53" WIDEx77" HIGH	8" WIDE AIR FOIL OPPOSED BLADE	**CLOSED**	8" X 2" X 12 GA GALVANIZED STEEL	10,000 LBS	PHASE 1	EXHAUST DAMPER SHALL INCLUDE 1¼" DIA JACKSHAFT AND SHALL BE INSTALLED UNDER INDICATED WORK PHASE. DAMPER SHALL OPEN WHEN EXHAUSTER IS ENERGIZED AND SHALL RETURN TO ITS NORMALLY CLOSED POSITION WHEN THE EXHAUSTER IS DE-ENERGIZED.
ED 2		EXHAUSTER NUMBER 2	9						PHASE 2	
ED 3		EXHAUSTER NUMBER 3	9							
ED 4		EXHAUSTER NUMBER 4	9						PHASE 1	
ED 5	EAST PORTAL BLDG ROOF	EXHAUSTER NUMBER 5	9	53" WIDEx77" HIGH	8" WIDE AIR FOIL OPPOSED BLADE	CLOSED	8" X 2" X 12 GA GALVANIZED STEEL	10,000 LBS		
ED 6		EXHAUSTER NUMBER 6	9						PHASE 2	
ED 7		EXHAUSTER NUMBER 7	9							
ED 8		EXHAUSTER NUMBER 8	9						PHASE 1	

NOTE:
ALL MATERIALS ARE GALVANIZED STEEL UNLESS OTHERWISE NOTED.

	BY	CHECKED
DESIGN	C.CASTILLO	H.MOZAFFARI
DETAILS	C.CASTILLO	H.MOZAFFARI
QUANTITIES	C.CASTILLO	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

EQUIPMENT SCHEDULE (OPTION #1) - HVAC

SHEET **M0-1**

DOES SD Imperial Rev.1/07

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 9 OF 95

26-NOV-2008 13:26
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