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	90	100

REGISTERED ELECTRICAL ENGINEER — 02-26-08 DATE

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

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

Emergency Telephone & Fire | Webster 400 Volt Syst. Alameda | Alarm Manager | Ack. All Alarms
CO & NO Level Display | Webster 400 Volt Syst. Oakland | Historical Trends | User Log in/Log out

2/2/2003 12:17:53 PM

Bore 1 East — Exhausters: TOTAL # OF FANS 1 (L, H), 2 (L, H); Blowers: TOTAL # OF FANS 1 (L, H), 2 (L, H)
Bore 1 West — Exhausters: TOTAL # OF FANS 1 (L, H), 2 (L, H); Blowers: TOTAL # OF FANS 1 (L, H), 2 (L, H)
Bore 2 East — Exhausters: TOTAL # OF FANS 1 (L, H), 2 (L, H); Blowers: TOTAL # OF FANS 1 (L, H), 2 (L, H)
Bore 2 West — Exhausters: TOTAL # OF FANS 1 (L, H), 2 (L, H); Blowers: TOTAL # OF FANS 1 (L, H), 2 (L, H)

CO LEVEL	FAN LEVEL	Bore 1 East Exhausters 1 L	1 H	2 L	2 H	Bore 1 East Blowers 1 L	1 H	2 L	2 H	Bore 1 West Exhausters 1 L	1 H	2 L	2 H	Bore 1 West Blowers 1 L	1 H	2 L	2 H	Bore 2 East Exhausters 1 L	1 H	2 L	2 H	Bore 2 East Blowers 1 L	1 H	2 L	2 H	Bore 2 West Exhausters 1 L	1 H	2 L	2 H	Bore 2 West Blowers 1 L	1 H	2 L	2 H
10	1	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□
20	2	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□
30	3	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■
40	4	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■
50	5	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□
70	6	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□	■	■	□	□
90	7	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■
110	8	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■	□	□	□	■

Caldecott Fan Configuration

VFD Speed Setpoints

Low 52 Hz

High 59 Hz

Bore 3 — Exhausters: TOTAL # OF FANS 1 (L, H), 2 (L, H); Blowers: TOTAL # OF FANS 1 (L, H), 2 (L, H)

CO LEVEL	FAN LEVEL	Exhausters 1 L	1 H	2 L	2 H	Blowers 1 L	1 H	2 L	2 H
10	1	■	□	□	□	■	□	□	□
20	2	■	□	□	□	■	□	□	□
30	3	□	□	■	■	□	□	■	■
40	4	□	□	■	■	□	□	■	■
50	5	■	■	□	□	■	■	□	□
70	6	■	■	□	□	■	■	□	□
90	7	□	□	□	■	□	□	□	■
110	8	□	□	□	■	□	□	□	■

MM/DD	HH:MM:SS	EVT	Type	Pri	Name	GroupName	Value/Limit	
02/02	12:17:26	ALM	DISC	1	dig15	$System	ON/	ON
02/02	12:17:26	ALM	DISC	1	dig16	$System	ON/	ON
02/02	12:17:27	ALM	DISC	1	dig35	$System	ON/	ON

Webster Exhauster Alameda | Webster Blower Alameda | Posey Exhauster Alameda | Posey Blower Alameda
Webster Exhauster Oakland | Webster Blower Oakland | Posey Exhauster Oakland | Posey Blower Oakland
Caldecott Exhst Bore 1&2W | Caldecott Blower Bore 1&2W | Caldecott Blwr/Exhst Bore 3W | Configure Posey Tube Fans
Caldecott Exhst Bore 1&2E | Caldecott Blower Bore 1&2E | Configure Caldecott Fans | Configure Webster Tube Fans

	BY	CHECKED
DESIGN	G.RUSSELL	D.LE
DETAILS	D.LE	S.LO
QUANTITIES		

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 FAN CONFIGURATION
WONDERWARE SCREEN

SHEET EE4-28-6

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 85 OF 95

26-NOV-2008 11:10
EE4-28-6.dgn