

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	395	R17.9	98	104


 REGISTERED ELECTRICAL ENGINEER DATE 9-12-07
 No. E-13014
 Exp. 6/30/09
 ELEC
 STATE OF CALIFORNIA

12-15-08
PLANS APPROVAL DATE

STV Incorporated
 9130 Anaheim Place, Suite 210
 Rancho Cucamonga, California 91730-8540
 (909) 484-0660 Fax: (909) 484 1360

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.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 SACRAMENTO REGIONAL OFFICE
02-108746
 AC 
 DATE 6/18/07

CALIFORNIA STATE FIRE MARSHAL
APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: 
PAM EMICK
 Approval date: 12-09-08

MAIN: 100 A CB		CHP Building Panel A - (New)										FEEDER SIZE: 4#4, 1#6 GROUND		
VOLTS: 208/120, 3 PH, 4W												LOCATION: CHP Office		
DESCRIPTION	AMPS			BRK	CKT	A	B	C	CKT	BRK	AMPS			DESCRIPTION
	A	B	C								A	B	C	
Lights/Exh. Fan/Ht Lamp	4			20 / 1	1	●			2	20 / 1	5			Receptacles
Computer Outlet		5		20 / 1	3	●			4	20 / 1		5		Receptacles
Window Type A/C-2			10	20 / 2	5	●			6	20 / 1			8	Refrigerator
	10				7	●			8	20 / 1	7			Countertop Receptacle
Window Type A/C-1		10		20 / 2	9	●			10	20 / 1		13		Garbage Disposal
			10		11	●			12	20 / 2			15	Electric Instantaneous Water Heater
Hand Dryer	14			20 / 1	13	●			14	20 / 2			15	Electric Instantaneous Water Heater
Exterior Lights		2		20 / 1	15	●			16	20 / 2		15		Electric Instantaneous Water Heater
Spare			0	20 / 1	17	●			18				15	Space
Spare	0			20 / 1	19	●			20		0			Space
Spare		0		20 / 1	21	●			22			0		Space
Spare			0	20 / 1	23	●			24				0	Space
					25	●			26					
					27	●			28					
					29	●			30					
					31	●			32					
					33	●			34					
					35	●			36					
					37	●			38					
					39	●			40					
					41	●			42					
											A	B	C	TOTAL AMPS PER PHASE
											54	49	58	

MAIN: 225 A CB		Comfort Station Building - (Existing)										FEEDER SIZE: 4#4, 1#6 GROUND		
VOLTS: 208/120V, 3 PH, 4W												LOCATION: Utility Room		
DESCRIPTION	AMPS			BRK	CKT	A	B	C	CKT	BRK	AMPS			DESCRIPTION
	A	B	C								A	B	C	
Restroom Lights	5			20 / 1	1	●			2					(E) MAIN
Exterior Lights, Picnic Shelter		6		20 / 1	3	●			4	100 / 3				
Picnic Area Lights			7	20 / 2	5	●			6					Chiller
	7				7	●			8	20 / 1	5			
Spare		0		20 / 1	9	●			10	25 / 1		14		Hand Dryer
Spare			0	20 / 1	11	●			12	25 / 1			14	Hand Dryer
Utility Room Lights	2			20 / 1	13	●			14	25 / 1	14			Hand Dryer
Auto Flush System		0		20 / 1	15	●			16	25 / 1		14		Hand Dryer
Spare			0	20 / 1	17	●			18	20 / 2			0	Spare
Spare	0			20 / 1	19	●			20		0			
Spare		0		20 / 1	21	●			22	20 / 2		0		Spare
Utility Outlet			5	20 / 1	23	●			24				0	
Spare	0			20 / 1	25	●			26	20 / 1	14			Women's Hand Dryer
Spare		0		20 / 1	27	●			28	20 / 1		14		Men's Hand Dryer
Spare			0	20 / 1	29	●			30	20 / 1			13	Electric Water Heater
Space	0				31	●			32		54			New CHP Building Panel A
Space		0			33	●			34	50 / 3		49		
Space			0		35	●			36				58	
					37	●			38					
					39	●			40					
					41	●			42					
											A	B	C	TOTAL AMPS PER PHASE
											101	97	95	

FOR DEMAND CALCULATION, SEE DWG. EEI-1 (NEW LOADS ADDED)

* GFCIBREAKER

DESIGN BY G. MARAVILLA	CHECKED R. FEE	PREPARED FOR THE STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO.	COSO SRR A UPGRADE	SHEET
	DETAILS BY G. MARAVILLA			CHECKED R. FEE		
QUANTITIES BY	CHECKED	DEPARTMENT OF TRANSPORTATION	ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	POST MILE		
				R17.9		
DOES SD Imperial Rev. 9/02	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 09340 EA 314501	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

26-MAY-2009 08:15 ee3_1.dgn