

GENERAL	1	Job No		24852			
	2	Project Name		PCAPP			
	3	Tag number		EE-J07 -XT 3003---			
	4	Service		South East Corner of the ERB			
	5	Room number	P&ID	N/A		N/A	
	6	Hazardous area class	Ignition temp ident number	Non-classified		N/A	
	7	Agent Contamination Category		Non-classified			
	8	Ambient temperature Min	Max	-20°F		+104°F	
	9	Camera/Positioner mounts	Design Life	Required		5 Years	
	10	Cable harness	Connection box	Required		Required	
LOCATION	11	Drawing	Mounting detail	24852-JD-J07-J0022		*	
	12	Mechanical interface	Mechanical interface ID no	*		*	
	13	Electrical interface	Electrical interface ID no	*		*	
	14	Elevation	Column number	Gridline	Facing	*	
ENVIRONMENT CONDITIONS	15	DESIGN CONDITIONS		Units	Minimum	Maximum	
	16	Design pressure		inHg-a	28	32	
	17	Design temperature		°F	-20	104	
	18	Relative humidity		%	24	68	
	19	Illumination level		Lux	2	Daylight	
	20	Wind Velocity		mph	0	90	
	21	Chemical Contaminants		N/A			
	22	Lighting type	Vibration	High Pressure Sodium		N/A	
HOUSING	23	Housing type	Outdoor				
	24	Construction style	*				
	25	Purge connections	NA				
	26	Enclosure protection	NEMA 4				
	27	Mounting type	Roof				
	28	Housing material	aluminum				
	29	Composite cable connect.	*				
	30	Purge/Cooling connect.	N/A				
	31	Window washer/wiper	N/A				
	32	Cooling Media/Rate	N/A				
	33	Heater power	Load	120 Vac	*		
	34	Blower power	Load	N/A	N/A		
	35	Thermostat	Required				
	36	Sun shield	Required				
OPTICS	37	View format/type	zoom				
	38	Imager type	Size	CCD	1/2"		
	39	Lens optical format	1/2 " *				
	40	Aperature control	auto & rem/manual				
	41	Aperature range (f-stop)	*				
	42	Shutter speed control	Automatic				
	43	Lens mounting type	*				
	44	Focus control	auto & rem/manual				
	45	Focal length wide	Narrow	*	*		
	46	Field Range	Depth	*	*		
	47	Field Height	Width	*	*		
	48	View angle	deg *				
	49	FOV wide angle	Narrow	* deg *	* deg *		
	50	Optical filters	*				
	51	Zoom control	remote				
	52	Zoom magnification	0.6X to 10X				
	53	Lens window material	*				
	CAMERA MODULE	57	Video type	color			
58		Color output style	composite				
59		Analog video format	NTSC				
60		Video output signal	1 V p-p				
61		Digital communication	RS 422 *				
62		Synchronization source	*				
63		Signal termination type	BNC receptacle				
64		Frame rate control	Fixed-30 frames/s				
65		Nominal power	Load	120Vac *	*		
66		Cert/Apprv. type	Identifier	*	Required		
67		Field Enclosure No.					
68		Pan/Tilt control	remote				
69		Pan rotation positive	Neg	+180	-180		
70		Pan speed	0.1 - 40 °/s				
POSITIONING MECHANISM	71	Tilt rotation up	Down	+40	-90		
	72	Tilt speed	0.1-30 °/s				
	73	Nominal power	Load	*	*		
	74	Signal termination type	*				
	75	Max torque output	*				
	76	Limit Switches	Brake	Yes			
	77	Min working temp	Max	-20 °F	104 °F		
	78	Shock rating	* g's				
	79	Horizontal resolution	Minimum 460 TVL *				
	80	Signal impedance	75 Ohm				
PERFORMANCE	81	Min signal-to-noise ratio	48 * dB				
	82	Min light sensitivity	* Lux				
	83	Overall geometric dist	* %				
	84	Max reqd cooling flow	N/A N/A				
	85	Max frame rate	30 frames/s				
	86	Shutter speed low	High	*	*		
	87	MR No.	Item No.	24852-MRA-EECO-J0001	2.03		
	88	PURCHASE					
AUXILIARY LIGHTING	54	Lighting type	*				
	55	Lighting control	*				
	56	Nominal Power	Load	*	*		
91	Component type	Manufacturer		Model number			
92	Camera & Positioner	*		*			
93	Lens	*		*			
94	Housing	*		*			
				INSTRUMENT DATA SHEET			Bechtel Pueblo Team
				CCTV Camera			
A	g60 ar	-	5/4/06	Issued for Use		Quality Level: Non-Q	Sheet 1 of 2
No	By	Chk	Appr	Date	Description	Code: 37021 DS No:24852-RD-JDD-J07-J0003	Rev: A

Tag number : EE-J07 -XT 3003---

1. This camera does not perform security functions.
2. Heater & Defroster, with thermostat shall be provided.
3. Lightning protection shall be provided.
4. Surge protection shall be provided on any power lines, video lines, synchronization line, and control signal lines located outdoors.

				INSTRUMENT SPECIFICATION CCTV Camera		Bechtel Pueblo Team	
A	30	5/2/06	Issued for Use			Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0003		Rev.: A