

GENERAL	1	Job No			24852					
	2	Project Name			PCAPP					
	3	Tag number			EE-J07 -XT 3013---					
	4	Service			Top of Energetics Mag. Facing North (zoom only)					
	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			E					
	8	Ambient temperature Min	Max	-20°F		104°F				
	9	Camera/Positioner mounts	Design Life	Yes		5 Years				
	10	Cable harness	Connection box	Yes		yes				
LOCATION	11	Drawing	Mounting detail	24582-RD-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			%	0	100			
	19	Illumination level			Lux	2	Sun Light			
	20	Wind Velocity			mph	0	90			
	21	Chemical Contaminants			N/A					
	22	Lighting type	Vibration	High Pressure Sodium Vapor		NA				
	HOUSING	23	Housing type	Outdoor		CAMERA MODULE	57	Video type	color	
		24	Construction style	*			58	Color output style	composite	
25		Purge connections	*		59		Analog video format	NTSC		
26		Enclosure protection	NEMA 4x		60		Video output signal	1 V p-p		
27		Mounting type	Roof		61		Digital communication	RS 422		
28		Housing material	aluminium		62		Synchronization source	*		
29		Composite cable connect.	*		63		Signal termination type	BNC receptacle*		
30		Purge/Cooling connect.	N/A		64		Frame rate control	N/A		
31		Window washer/wiper	No		65		Nominal power	Load	120vac	60
32		Cooling Media/Rate	N/A		66		Cert/Approv. type	Identifier	*	Yes
33		Heater power	Load	120vac	10w	67	Field Enclosure No.			
34		Blower power	Load	N/A	N/A	68	Pan/Tilt control			
35		Thermostat	yes		POSITIONING MECHANISM	69	Pan rotation positive	Neg		
36		Sun shield	yes			70	Pan speed	*		
37	View format/type	zoom		71		Tilt rotation up	Down			
38	Imager type	Size	CCD	1/2"		72	Tilt speed	*		
OPTICS	39	Lens optical format	1/2 "		73	Nominal power	Load	*	*	
	40	Aperature control	auto w/remote override		74	Signal termination type	*			
	41	Aperature range (f-stop)	*		75	Max torque output	*			
	42	Shutter speed control	Automatic		76	Limit Switches	Brake	Yes	Yes	
	43	Lens mounting type	*		PERFORMANCE	77	Min working temp	Max	-20 °F	104 °F
	44	Focus control	auto w/remote override			78	Shock rating	*		
	45	Focal length wide	Narrow	*		*	79	Horizontal resolution	470 TVL	
	46	Field Range	Depth				80	Signal impedance	75 Ohm	
	47	Field Height	Width				81	Min signal-to-noise ratio	48	dB
	48	View angle	deg *			82	Min light sensitivity	2	Lux	
	49	FOV wide angle	Narrow	deg*		deg*	83	Overall geometric dist	*	
	50	Optical filters	*			84	Max reqd cooling flow	N/A	N/A	
	51	Zoom control	remote			85	Max frame rate	30	frames/s	
	52	Zoom magnification	0.6X to 10X			86	Shutter speed low	High	*	*
53	Lens window material	*		PURCHASE	87	MR No.	Item No.	24852-MRA-EECO-J0001	2.04	
AUXILIARY LIGHTING	54	Lighting type	*		* Seller to complete or verify information. See notes					
	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	By	Chk	Appr	Date	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-J0013		Rev: A		

Tag number : EE-J07 -XT 3013---

- 1) This camera does not perform security Functions
- 2) Heater and Defroster with thermostat shall be provided
- 3) Lightning protection shall be provided
- 4) Surge protection shall be provided on any power lines, video lines, sync lines, and control signal lines.

				INSTRUMENT SPECIFICATION CCTV Camera	Bechtel Pueblo Team
A	GC	5/2/00	Issued for Use		Sheet 2 of 2
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0013
					Rev.: A