

GENERAL	1	Job No			24852							
	2	Project Name			PCAPP							
	3	Tag number			EE-J07 -XT 3011---							
	4	Service			West side of ERB							
	5	Room number	P&ID	NA	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	104							
	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	Daylight					
	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	N/A				59	Analog video format	NTSC			
	26	Enclosure protection	NEMA 4				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	60w	
	32	Cooling Media/Rate	N/A				66	Cert/Approv. type	Identifier	*	Required	
	33	Heater power	Load	120vac	10w		67	Field Enclosure No.				
	34	Blower power	Load	N/A	N/A		POSITIONING MECHANISM	68	Pan/Tilt control	remote		
	35	Thermostat	yes					69	Pan rotation positive	Neg	+180	-180
	36	Sun shield	yes					70	Pan speed	0.1 - 40 °/s		
37	View format/type	zoom			71	Tilt rotation up		Down	+40	-90		
OPTICS	38	Imager type	Size	CCD	1/2"	72	Tilt speed	0.1-30 °/s				
	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	*	*	
	AUXILIARY LIGHTING	53	Lens window material	*			PURCHASE	87	MR No.	Item No.	24852-MRA-EEC0-J0001	2.04
54		Lighting type	*			* Seller to complete or verify information.						
55		Lighting control	*			See notes						
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	12	6	-	5/2/06	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-J0011				Rev: A		

Tag number : EE-J07 -XT 3011---

- 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	5/2/06	Issued for Use		Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0011	Rev.: A