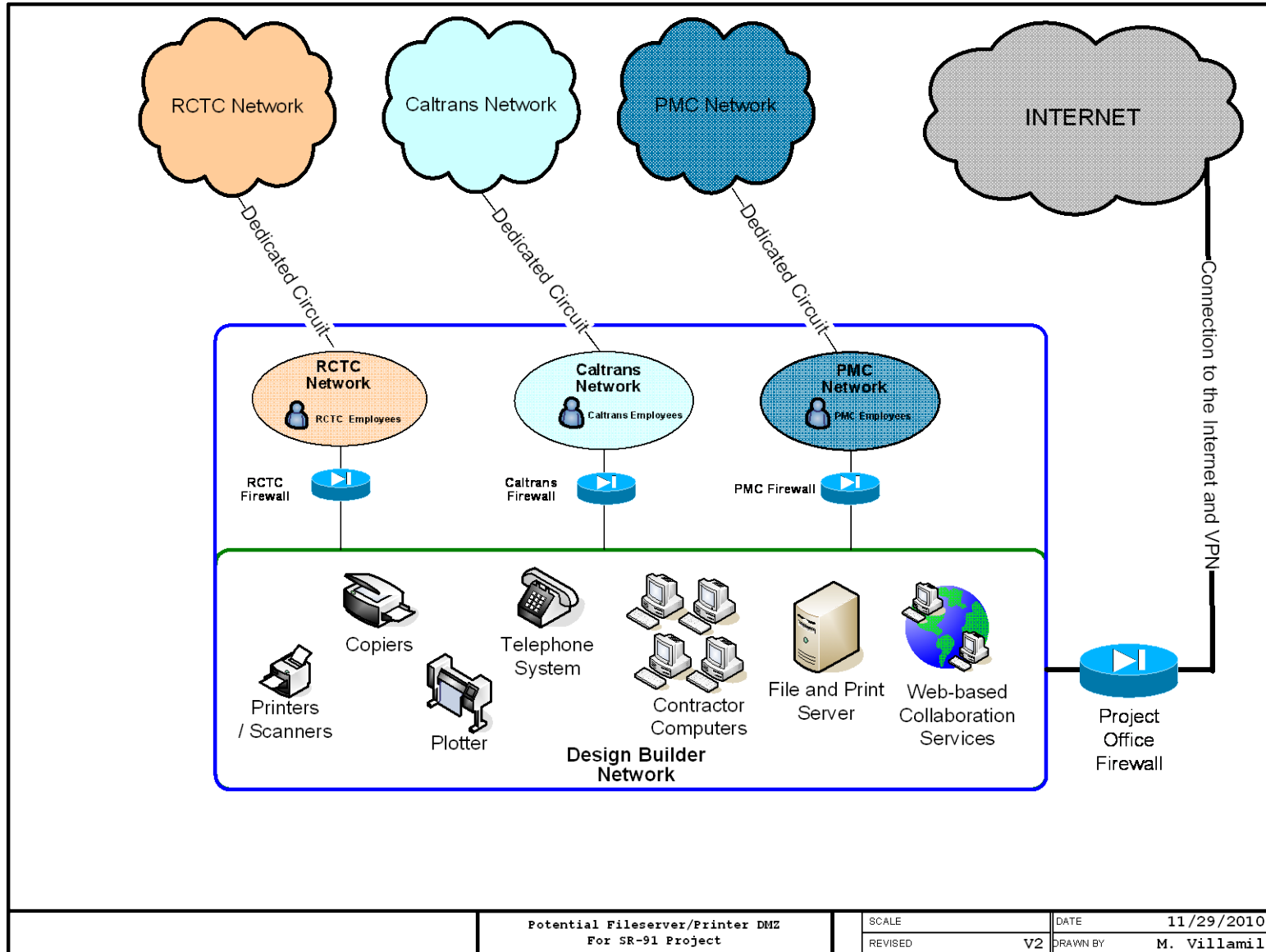

TP ATTACHMENT 2-3 – COMPUTER SYSTEM REQUIREMENTS

COMPUTER SYSTEM DIAGRAM



MINIMUM HARDWARE/OPERATING SYSTEMS REQUIREMENTS

Standard Computer

Components	Specifications
Processor	Minimum of: 2 cores, 3 GHz clock speed, and 6MB level 2 cache
Front Side Bus (FSB)	1333MHz
O/S	Compatible with Windows 7
RAM	4GB, Non-ECC, 1066MHz DDR3 (2x2GB DIMM)
Hard Disk	1.0 TB SATA 3.0Gb/s and 8MB
Video	Integrated graphics media accelerator, high definition video playback, w/DVI adapter card
Network Interface (NIC)	10/100/1000 Gigabit Ethernet, Wireless 802.11a/b/g/n and Bluetooth 2.1
Optical Drive	16X DVD+/-RW DL SATA
Sound	Integrated
Warranty	3 Year Next Day On-site
Dimensions	4.5 x 13.9 x 15.7
Monitor	24" Digital Flat Panel LCD
Keyboard and Mouse	Optical
USB 2.0 Ports	4 on the front and 4 back
Media Card Reader	Current Industry Standard

Standard Laptop

Components	Specifications
Processor	Minimum of: 2 cores, 2.4 GHz clock speed and 3MB cache
O/S	Compatible with Windows 7
RAM	4.0GB, DDR3-1066MHz SDRAM, 2 DIMMS
Hard Disk	500GB 7200rpm Hard Drive
Video	Integrated High Definition Graphics with ExpressCard
Expansion Slots	Expresscard/54, 5-in-1 card reader
Screen	14.1" WXGA(1280x800) Anti-Glare LED
Network Interfaces (NIC)	10/100/1000 Gigabit Ethernet, Wireless 802.11a/b/g/n and Bluetooth 2.1
Modem	Optional: External Modem Dongle
Optical Drive	Internal 8X DVD+/-RW DL
Sound	Integrated
Camera	Integrated
Microphone	Integrated
Pointing Device	Dual-pointing, Pointing Stick, Back-lit keyboard
Battery	6-Cell/60 WHr Primary Battery
Carrying Case	Deluxe Nylon Case (2 pocket, up to 15.4)
Height	1.2 inches
Width	13.2 inches
Depth	9.4 inches
Weight:	5.1 lbs w/6-Cell Battery
As required / requested	E/Port, Keyboard and Mouse, Monitor Stand, 22" Digital Flat Panel LCD
Warranty	3 Year Next Day Onsite

Advanced / 3D Modeling Workstation

Components	Specifications
Processor	Minimum of: 4 cores, 2.66 GHz clock speed and 12MB cache
Front Side Bus (FSB)	1333MHz
O/S	Compatible with Windows 7
RAM	4GB, DDR3 Memory, 1066MHz, ECC (4 DIMMS)
Hard Disk	1.0TB SATA 3.0Gb/s,7200 RPM
Video	Integrated, GPU: Gigaflops (Single Precision) 486.4, Gigaflops (Double Precision) 243.2, Total Frame Buffer. Memory: 2 GB GDDR5, Memory Interface 256-bit, Memory Bandwidth (GB/sec) 89.6 GB/s Display Support: Dual Link DVI-I - 1, DisplayPort - 2, Digital Outputs – 2, Analog Outputs - 1, Stereo (3-pin Mini-DIN) - 1 (Optional), Maximum Display Resolution Digital @ 60Hz 2560x1600, Active Display Channels – 2, Compatible with 3D Vision/3D Vision Pro
Network Interface (NIC)	10/100/1000 Gigabit Ethernet
Optical Drive	16X DVD+/-RW DL
Sound	Integrated HD Audio
Size	(W x H x D): 17.64" x 6.73" x 18.54"
Warranty	3 Year Next Day On-site
Monitor (Quantity per workstation = 2)	Dual - 24" Digital Flat Panel LCD
Keyboard and Mouse	Optical
USB 2.0 Ports	4 on the front and 4 back
Media Card Reader	Current Industry Standard

Mobile (Advanced / 3D Modeling) Workstation

Components	Specifications
Processor	Minimum of: 2 Cores, 2.4 GHz Clock Speed and 3MB Cache
O/S	Compatible with Windows 7
RAM	4.0GB, DDR3-1066MHz SDRAM, 2 DIMMS
Hard Disk	500GB Hard Drive, 7200RPM
Video	Memory: 1 GB GDDR3, Memory Interface - 256-bit, Memory Bandwidth (GB/sec) – 64
Screen	17" Wide Screen WSXGA+ LCD
Network Interfaces (NIC)	10/100/1000 Gigabit Ethernet, Wireless 802.11a/b/g/n and Bluetooth 2.1
Modem	Optional: External Modem Dongle
Optical Drive	Internal 8XDVD+/-RW DL
Sound, Camera, Microphone	Integrated
Pointing Device/Input	Dual Integrated Touchpad/ Pointing Stick, Internal Backlit English Keyboard microphone
Battery	9-Cell Primary Battery
Carrying Case	Large Nylon Carrying Case
Height	1.15"
Width	14.7"
Depth	9.96"
Weight:	8.54 lbs
As required / requested	E/Port, Keyboard and Mouse, Monitor Stand, 22" Digital Flat Panel LCD
Warranty	3 Year Next Day Onsite