

SPACE CRITERIA SHEETS
FOR
CONSTRUCT DEEPWATER
ENGINEERING & WEAPONS
TRAINING (TEW) BUILDING

CG TRACEN YORKTOWN, VA

SFRL 75-2724117



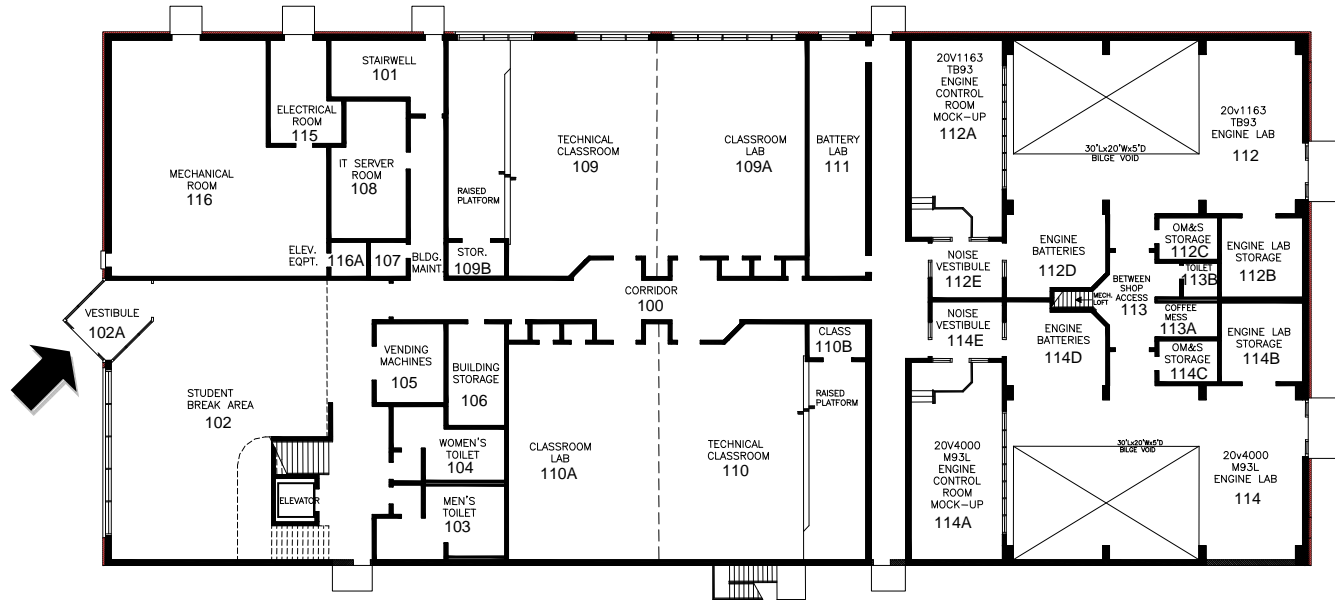
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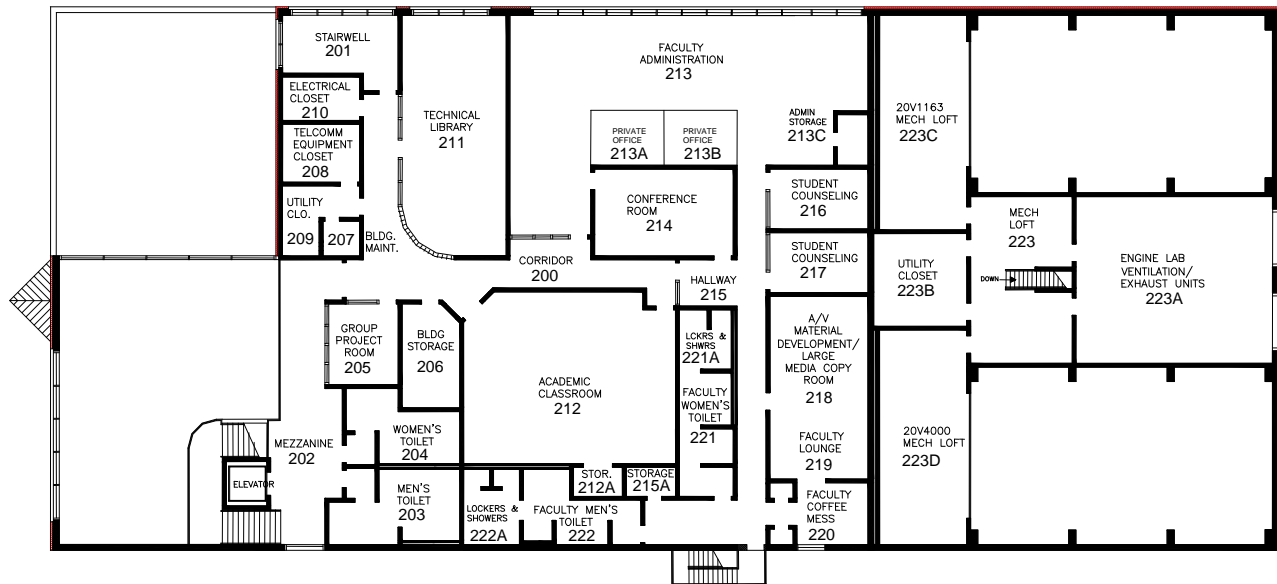
JULY 2011

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GROUND LEVEL

DEEPWATER ENGINEERING AND WEAPONS TRAINING BUILDING – TRACEN YORKTOWN, VA					
ROOM LIST – GROUND LEVEL					
ROOM NO.	ROOM NAME	SPACE TYPE	ROOM NO.	ROOM NAME	SPACE TYPE
100	CORRIDOR	Circulation	112	ENGINE LAB	Industrial
101	STAIRWELL	Circulation	112A	ENGINE CONTROL RM MOCK-UP	Industrial
102	STUDENT BREAK/ BLDG LOBBY	Assembly	112B	ENGINE LAB STORAGE	Storage
102A	VESTIBULE	Circulation	112C	OM&S STORAGE	Storage
103	MEN'S TOILET	Wet Room	112D	ENGINE BATTERY AREA	Industrial
104	WOMEN'S TOILET	Wet Room	112E	NOISE VESTIBULE	Circulation
105	VENDING MACHINES	Wet Room	113	BETWEEN SHOP ACCESS	Circulation
106	BUILDING STORAGE	Storage	113A	COFFEE MESS	Wet Room
107	BUILDING MAINTENANCE	Wet Room	113B	TOILET	Wet Room
108	IT SERVER ROOM	Special	114	ENGINE LAB	Industrial
109	TECHNICAL CLASS ROOM	Assembly	114A	ENGINE CONTROL RM MOCK-UP	Industrial
109A	CLASS ROOM LAB	Assembly	114B	ENGINE LAB STORAGE	Storage
109B	CLASS STORAGE	Storage	114C	OM&S STORAGE	Storage
110	TECHNICAL CLASS ROOM	Assembly	114D	ENGINE BATTERY AREA	Industrial
110A	CLASS ROOM LAB	Assembly	114E	NOISE VESTIBULE	Circulation
110B	CLASS STORAGE	Storage	115	ELECTRICAL ROOM	Utility
111	BATTERY LAB	Industrial	116	MECHANICAL ROOM	Utility
			116A	ELEVATOR EQPT ROOM	Utility



UPPER LEVEL

DEEPWATER ENGINEERING AND WEAPONS TRAINING BUILDING – TRACEN YORKTOWN, VA					
ROOM LIST – UPPER LEVEL					
ROOM NO.	ROOM NAME	SPACE TYPE	ROOM NO.	ROOM NAME	SPACE TYPE
200	CORRIDOR	Circulation	214	CONFERENCE ROOM	Assembly
201	STAIRWELL	Circulation	215	HALLWAY	Circulation
202	MEZZANINE	Circulation	215A	ADMIN. STORAGE	Storage
203	MEN'S TOILET	Wet Room	216	STUDENT COUNSELING	Office
204	WOMEN'S TOILET	Wet Room	217	STUDENT COUNSELING	Office
205	GROUP PROJECT ROOM	Office	218	A/V MATERIAL DEVELOPMENT	Office
206	BUILDING STORAGE	Storage	219	FACULTY LOUNGE	Office
207	BUILDING MAINTENANCE	Wet Room	220	FACULTY COFFEE MESS	Wet Room
208	TELECOMM EQPT CLOSET	Special	221	FACULTY WOMEN'S TOILET	Wet Room
209	UTILITY CLOSET	Utility	221A	FACULTY LOCKERS & SHOWERS	Wet Room
210	ELECTRICAL CLOSET	Utility	222	FACULTY MEN'S TOILET	Wet Room
211	TECHNICAL LIBRARY	Assembly	222A	FACULTY LOCKERS & SHOWERS	Wet Room
212	ACADEMIC CLASS ROOM	Assembly	223	ENGINE LAB MECHANICAL LOFT	Utility
212A	CLASS ROOM STORAGE	Storage	223A	ENGINE LAB VENTILATION ROOM	Utility
213	FACULTY ADMINISTRATION	Office	223B	ENGINE LAB UTILITY CLOSET	Utility
213A	PRIVATE OFFICE	Office	223C	ENGINE LAB MECHANICAL LOFT	Utility
213B	PRIVATE OFFICE	Office	223D	ENGINE LAB MECHANICAL LOFT	Utility
213C	ADMIN. STORAGE	Storage			

SPACE CRITERIA SHEETS									
CONSTRUCT DEEPWATER TEW BUILDING					SFRL No.:		75-2724117		
TRACEN YORKTOWN, VA					Date:		2011-07		
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	10	TECHNICAL LIBRARY	211						
Circulation	11	BETWEEN SHOP ACCESS	113						
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	13	HALLWAY	215						
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	21	ENGINE CONTROL RM MOCK-UP	112A	114A					
	22	ENGINE LAB	112	114					
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	25	FACULTY LOUNGE	219						
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	39	LOCKERS & SHOWERS	221A	222A					
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NOTE: Although the space criteria sheets reflect known requirements for the individual spaces, they are to be used as guidance, only. They are by no means meant to be considered all inclusive. It is the contractor/ designers responsibility to establish the final requirements for each individual space through customer interview and professional investigation.

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SPACE CRITERIA SHEET			
CONSTRUCT DEEPWATER TEW BUILDING		SFRL No.:	75-2724117
TRACEN YORKTOWN, VA		Date:	2011-07
SPACE NAME	CLASSROOM - Academic		SPACE TYPE
ACTIVITY	Group Instruction/ Training; Meetings; Group Tele-Conference		
ROOM NO.	212		
FURNITURE	QTY	ITEM	QTY
	28	24"D x 36"L Folding Table	1
	28	Upholstered Task Chairs	1
	1	Upholstered Task Chair w/arms	1
			1
			36" Lateral File Cabinet
			36" Book Case
			Trash Can (13 Gal)
			Waste Basket
EQUIPMENT	2	6'x4' Wall-Mnt'd Whiteboard	1
	1	Retractable Projector Screen	1
	1	Overhead Digital Projector	1
	1	Portable Smart Bd w/ Projector	
			Instructor's Podium (Powered)
			Large Wall-Mnt'd F/S TV
			Video Camera
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED			
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Computer w/ Monitor	
	1	Telephone	
	1	Printer/ Copier	
FINISHES	CEILING	10'H; SAT	
	FLOOR	Carpet	
	WALLS	Painted CMU; Slab to Slab	
	DOOR	48" SC Wood w/Vision Panel; Metal Door Frame; Locking Hardware	
SOUND ATTENUATION	CEILING	STC 50 Rating	
	FLOOR	STC 50 Rating	
	WALLS	STC 50 Rating	
	DOOR	STC 50 Rating	
UTILITY SERVICES	MECH.	HVAC	
	PLMB'G	None	
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.	
	COMM.	Provide per Specifications Section 01158, 1.14.	
OTHER		Room darkening window treatment for any exterior glazing	
NOTES:		Minimum 5' aisle between rows of tables and between table and wall	

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	CLASSROOM - Laboratory		SPACE TYPE	ASSEMBLY
ACTIVITY	Group Hands-On Equipment Instruction/ Training			
ROOM NO.	109A	110A		
FURNITURE	QTY	ITEM	QTY	ITEM
	28	30"D x 30"W Vidmar Cabinets w/ Butcher Block Cont. Top	1	Trash Can (13 Gal)
EQUIPMENT	1	Retractable Projector Screen		
	1	Overhead Digital Projector		
	2	Big Screen Wall-Mnt'd F/S TV		
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Computer w/ Monitor		
	1	Telephone		
FINISHES	CEILING	10'H; SAT		
	FLOOR	VCT		
	WALLS	Painted CMU; Slab to Slab		
	DOOR	4' SC Wood w/Vision Panels; Metal Door Frame; Locking Hardware		
SOUND ATTENUATION	CEILING	STC 50 Rating		
	FLOOR	STC 50 Rating		
	WALLS	STC 50 Rating		
	DOOR	STC 50 Rating		
UTILITY SERVICES	MECH.	HVAC		
	PLMB'G	None		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Room darkening window treatment for any exterior glazing		
NOTES:	Provide data ports for capability of installing an Instructor's Podium (wired), Portable Smart Board w/ Projector and a Printer/ copier when the room divider is drawn. Minimum 10' between facing workstations Coordinate with Technical Classrooms 109 and 110.			

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	CLASSROOM - Technical		SPACE TYPE	ASSEMBLY
ACTIVITY	Computer Based Group Instruction/ Training			
ROOM NO.	109	110		
FURNITURE	QTY	ITEM	QTY	ITEM
	28	30"D x 48"L Computer Table	1	36" Lateral File Cabinet
	28	Upholstered Task Chairs	1	36" Bookcase
	1	Upholstered Task Chair w/arms	1	Waste Basket
			1	Trash Can (13 Gal)
EQUIPMENT	1	10'x4' Wall-Mnt'd Whiteboard	1	Instructor's Podium (Powered)
	1	Retractable Projector Screen	2	Big Screen Wall-Mnt'd F/S TV
	1	Overhead Digital Projector	1	Acoustic Room Divider
	1	Portable Smart Bd w/ Projector		
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	29	Computer w/ Monitor		
	1	Telephone		
	1	Printer/ Copier		
FINISHES	CEILING	10'H; SAT		
	FLOOR	VCT; VCT on Platform and Steps		
	WALLS	Painted CMU; Slab to Slab		
	DOOR	4' SC Wood w/Vision Panel; Metal Door Frame; Locking Hardware		
SOUND ATTENUATION	CEILING	STC 50 Rating		
	FLOOR	STC 50 Rating		
	WALLS	STC 50 Rating		
	DOOR	STC 50 Rating		
UTILITY SERVICES	MECH.	HVAC		
	PLMB'G	None		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Room darkening window treatment for any exterior glazing		
		Teaching Platform is elevated 12" above classroom floor and is 12' deep		
NOTES:	Minimum 5' aisle between rows of tables and between table and wall			
	Coordinate with Lab Classrooms 109A and 110A			

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	CONFERENCE ROOM		SPACE TYPE	ASSEMBLY
ACTIVITY	Faculty Meetings; Tele-Conference			
ROOM NO.	214			
FURNITURE	QTY	ITEM	QTY	ITEM
	1	12' Conference Table	1	Waste Basket
	12	Upholstered Conf. RM Chairs		
	1	Upholstered High Chair		
EQUIPMENT	1	10'x4' Wall Mnt'd White Board	1	Speaker's Podium (Powered)
	1	Big Screen Wall-Mnt'd F/S TV		
	1	Video Camera		
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Computer w/ Monitor		
	1	Telephone		
FINISHES	CEILING	9'H; SAT		
	FLOOR	Carpet		
	WALLS	Painted Drywall; Slab to Slab		
	DOOR	3' SC; Metal Door Frame; Locking Hardware		
SOUND ATTENUATION	CEILING	STC 45 Rating		
	FLOOR	STC 45 Rating		
	WALLS	STC 45 Rating		
	DOOR	STC 45 Rating		
UTILITY SERVICES	MECH.	HVAC		
	PLMB'G	None		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER				
NOTES:				

SPACE CRITERIA SHEET			
CONSTRUCT DEEPWATER TEW BUILDING		SFRL No.:	75-2724117
TRACEN YORKTOWN, VA		Date:	2011-07
SPACE NAME	STUDENT BREAK AREA/ BLDG LOBBY	SPACE TYPE	ASSEMBLY
ACTIVITY	Primary Building Entrance; Waiting Between Classes; Studying; Snacking		
ROOM NO.	102		
FURNITURE	QTY	ITEM	QTY ITEM
	16	36" Dia. Tables	
	64	Stackable Chairs	
EQUIPMENT	1	Trash Bin	
	1	Recycle Bin	
	2	Big Screen Wall-Mnt'd F/S TV	
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED			
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED			
FINISHES	CEILING	Two- Story Space (optional); SAT (optional)	
	FLOOR	VCT (Alternatives include Terrazzo and Seamless Epoxy)	
	WALLS	Painted CMU; Slab to Slab	
	DOOR	See Room 102A (Vestibule) and Room 100 (Corridor)	
SOUND ATTENUATION	CEILING	STC 45 Rating	
	FLOOR	STC 45 Rating	
	WALLS	STC 45 Rating	
	DOOR	See Room 102A (Vestibule) and Room 100 (Corridor)	
UTILITY SERVICES	MECH.	HVAC	
	PLMB'G	None	
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.	
	COMM.	Provide per Specifications Section 01158, 1.14.	
OTHER		Provide floor drain	
NOTES:	High degree of transparency to the exterior for natural lighting without the glare; Coordinate with Room 202 (Mezzanine) Slope floor towards floor drain.		

SPACE CRITERIA SHEET							
CONSTRUCT DEEPWATER TEW BUILDING				SFRL No.:	75-2724117		
TRACEN YORKTOWN, VA				Date:	2011-07		
SPACE NAME	TECHNICAL LIBRARY			SPACE TYPE	ASSEMBLY		
ACTIVITY	Store and Study Technical Publications, Drawings and Maintenance Manuals; Simulated Shipboard Log Office						
ROOM NO.	211						
FURNITURE	QTY	ITEM		QTY	ITEM		
	1	3'x6' Table		2	Waste Basket		
	1	5' Dia. Table		200	LF of Shelving		
	1	24"x 60" Computer WrkStation		2	4'x4' Flat File Cabinet		
	12	Upholstered Chair					
EQUIPMENT							
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED							
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Computer w/ Monitor					
	1	Printer/ Copier					
	1	Ship's Bridge Log Station					
FINISHES	CEILING	10'H; SAT					
	FLOOR	Carpet					
	WALLS	Painted CMU; Slab to Slab					
	DOOR	3' HM w/Vision Panels; Metal Door Frame; Locking Hardware					
SOUND ATTENUATION	CEILING	STC 45 Rating					
	FLOOR	STC 45 Rating					
	WALLS	STC 45 Rating					
	DOOR	STC 45 Rating					
UTILITY SERVICES	MECH.	HVAC					
	PLMB'G	None					
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.					
	COMM.	Provide per Specifications Section 01158, 1.14.					
OTHER		Window Treatment for any exterior glazing					
NOTES:							

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	BETWEEN SHOP ACCESS			SPACE TYPE	CIRCULATION
ACTIVITY	Pedestrian and Forklift access between two Engine Labs; Access to Mechanical Loft				
ROOM NO.	113				
FURNITURE	QTY	ITEM		QTY	ITEM
EQUIPMENT					
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED					
FINISHES	CEILING	9' H; Exposed Structure			
	FLOOR	Sealed Concrete			
	WALLS	Painted CMU; Slab to Slab			
	DOOR	6' SC Wd (Dbl Drs) w/Vision Panels; Metal Door Frame; Panic Hardware			
SOUND ATTENUATION	CEILING				
	FLOOR				
	WALLS	STC 50			
	DOOR	STC 45			
UTILITY SERVICES	MECH.	HVAC			
	PLMB'G				
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER					
NOTES:	Minimum 8' Wide; additional 3' (minimum) alcove at doors from toilets and from occupied rooms that swing into the space; Coordinate with Room 112 and 114 (Engine Labs) and 113A (Coffee Mess) and 113B (Toilet)				

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	CORRIDOR			SPACE TYPE	CIRCULATION
ACTIVITY	Public Circulation; Emergency Egress				
ROOM NO.	100	200			
FURNITURE	QTY	ITEM		QTY	ITEM
EQUIPMENT					
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED					
FINISHES	CEILING	10' H; SAT			
	FLOOR	VCT (First Floor); Carpet (Second Floor)			
	WALLS	Painted CMU; Slab to Slab			
	DOOR	3' HM & 6' HM (Dbl Drs) w/Vision Panels; Metal Door Frame			
SOUND ATTENUATION	CEILING	STC 50 Rating			
	FLOOR	STC 50 Rating			
	WALLS	STC 50 Rating			
	DOOR	STC 50 Rating			
UTILITY SERVICES	MECH.	HVAC			
	PLMB'G	None			
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER					
NOTES:	Minimum 6' Wide; additional 3' (minimum) alcove at doorways from occupied rooms that swing into the space;				

SPACE CRITERIA SHEET									
CONSTRUCT DEEPWATER TEW BUILDING				SFRL No.:		75-2724117			
TRACEN YORKTOWN, VA				Date:		2011-07			
SPACE NAME		HALLWAY		SPACE TYPE		CIRCULATION			
ACTIVITY		Controlled Circulation; Emergency Egress; Corridor to Future Building Addition							
ROOM NO.		215							
FURNITURE		QTY		ITEM		QTY		ITEM	
EQUIPMENT									
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED									
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED									
FINISHES		CEILING		9' H; SAT					
		FLOOR		Carpet Tile					
		WALLS		Painted Drywall; Slab to Slab					
		DOOR		3' HM w/Vision Panel; Metal Door Frame; Panic Hardware					
SOUND ATTENUATION		CEILING		STC 45 Rating					
		FLOOR		STC 45 Rating					
		WALLS		STC 45 Rating					
		DOOR		STC 45 Rating					
UTILITY SERVICES		MECH.		HVAC					
		PLMB'G		None					
		ELECT.		Provide lighting and power per Specifications Section 01158, 1.13.					
		COMM.		Provide per Specifications Section 01158, 1.14.					
OTHER									
NOTES:		Minimum 5' Wide; additional 3' (minimum) alcove at doors from toilets and from occupied rooms that swing into the space							

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	MEZZANINE			SPACE TYPE	CIRCULATION
ACTIVITY	Public Circulation; Seated Waiting; Overlooks Student Break Area/ Bldg Lobby				
ROOM NO.	202				
FURNITURE	QTY	ITEM		QTY	ITEM
	4	30" Square Tables			
	8	Stackable Chairs			
EQUIPMENT					
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED					
FINISHES	CEILING	9' H; SAT			
	FLOOR	Carpet			
	WALLS	Painted CMU; Slab to Slab			
	DOOR	See Room 201 (Corridor)			
SOUND ATTENUATION	CEILING	STC 45 Rating			
	FLOOR	STC 45 Rating			
	WALLS	STC 45 Rating			
	DOOR	See Room 201 (Corridor)			
UTILITY SERVICES	MECH.	HVAC			
	PLMB'G	Water Cooler			
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER					
NOTES:	Minimum 8' Wide; additional 3' (minimum) alcove at each toilet door, water cooler, at the elevator and at doorways that swing into the space; Coordinate with Room 102 (Student Break Area) and Room 201 (Corridor)				

SPACE CRITERIA SHEET						
CONSTRUCT DEEPWATER TEW BUILDING				SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA				Date:	2011-07	
SPACE NAME	STAIRWELL			SPACE TYPE	CIRCULATION	
ACTIVITY	Vertical Circulation; Emergency Egress					
ROOM NO.	101	201				
FURNITURE	QTY	ITEM		QTY	ITEM	
EQUIPMENT						
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED						
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED						
FINISHES	CEILING	9' H (min.); Painted Drywall				
	FLOOR	VCT				
	WALLS	Painted CMU; Slab to Slab				
	DOOR	3' HM w/Vision Panels; Metal Door Frame				
SOUND ATTENUATION	CEILING	STC 45 Rating				
	FLOOR	STC 45 Rating				
	WALLS	STC 45 Rating				
	DOOR	STC 45 Rating				
UTILITY SERVICES	MECH.	HVAC				
	PLMB'G	None				
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.				
	COMM.	Provide per Specifications Section 01158, 1.14.				
OTHER						
NOTES:	6' Wide Stair; Provide windows for glare-free natural light where possible.					

SPACE CRITERIA SHEET			
CONSTRUCT DEEPWATER TEW BUILDING		SFRL No.:	75-2724117
TRACEN YORKTOWN, VA		Date:	2011-07
SPACE NAME	VESTIBULE – Climate Control		SPACE TYPE
ACTIVITY	Main Entrance; Air Lock; Emergency Egress		
ROOM NO.	102A		
FURNITURE	QTY	ITEM	QTY
	1	Surface Floor Mat	
EQUIPMENT			
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED			
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED			
FINISHES	CEILING	9' H; Painted Drywall	
	FLOOR	VCT (Alternatives include Terrazzo and Seamless Epoxy)	
	WALLS	Storefront Glass	
	DOOR	6' HM (Dbl Drs) w/Vision Panels; Metal Door Frame; Panic Hardware	
SOUND ATTENUATION	CEILING		
	FLOOR		
	WALLS		
	DOOR		
UTILITY SERVICES	MECH.	None	
	PLMB'G	None	
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.	
	COMM.	Provide per Specifications Section 01158, 1.14.	
OTHER			
NOTES:	Minimum 10' Wide and 10' Deep; Coordinate with Room 102 (Student Break/ Bldg Lobby)		

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	VESTIBULE – Noise Control			SPACE TYPE	CIRCULATION
ACTIVITY	Minimize Engine Noise Infiltration from Labs; Public Circulation; Emergency Egress				
ROOM NO.	112E	114E			
FURNITURE	QTY	ITEM		QTY	ITEM
EQUIPMENT					
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED					
FINISHES	CEILING	10' H; SAT			
	FLOOR	VCT			
	WALLS	Painted CMU; Slab to Slab; Wire Glass Partition			
	DOOR	48" SC Wd w/Vision Panels; Metal Door Frame; Panic Hardware			
SOUND ATTENUATION	CEILING	STC 45 Rating			
	FLOOR	STC 45 Rating			
	WALLS	STC 45 Rating			
	DOOR	STC 45 Rating			
UTILITY SERVICES	MECH.	HVAC			
	PLMB'G	None			
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER					
NOTES:	Minimum 6' Wide; additional 3' (minimum) alcove at each door that swings into the space				

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SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	BATTERY LAB		SPACE TYPE	INDUSTRIAL
ACTIVITY				
ROOM NO.	111			
FURNITURE	QTY	ITEM	QTY	ITEM
	7	Vidmar Cabinets (drawers) with butcher block wrk surface	2	Waste Baskets
	7	Vidmar Cabinets (shelves) with butcher block wrk surface	1	Bookcase
	6	Vinyl Covered Stool w/ back	1	File Cabinet
EQUIPMENT	2	10 – Hook Garment Rack		
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED				
FINISHES	CEILING	10' H		
	FLOOR	Rubber Tile or Military Switchboard Sheet Flooring		
	WALLS	Painted CMU; Slab to Slab		
	DOOR	3' HM w/Vision Panels; Metal Door Frame; Locking Hardware		
SOUND ATTENUATION	CEILING	STC 50 Rating		
	FLOOR	STC 50 Rating		
	WALLS	STC 50 Rating		
	DOOR	STC 50 Rating		
UTILITY SERVICES	MECH.	HVAC; Special Ventilation		
	PLMB'G	Eye wash; Hand sink		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Window Treatment for any exterior glazing		
		Clerestory windows along hallway		
		Provide floor drain.		
NOTES:	Emergency Power Shut-off Switch for the Battery Charging outlets and Reset Button Slope floor towards floor drain.			

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	ENGINE LAB BATTERY AREA			SPACE TYPE	INDUSTRIAL
ACTIVITY	Store battery that powers running engine mock-up;				
ROOM NO.	112D	114D			
FURNITURE	QTY	ITEM		QTY	ITEM
EQUIPMENT					
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED					
FINISHES	CEILING	9' H			
	FLOOR	Sealed Concrete			
	WALLS	Painted CMU; Slab to Slab			
	DOOR				
SOUND ATTENUATION	CEILING				
	FLOOR				
	WALLS				
	DOOR				
UTILITY SERVICES	MECH.	HVAC; Special Ventilation			
	PLMB'G				
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER		Provide floor drain.			
NOTES:	Slope floor toward floor drains				

SPACE CRITERIA SHEET						
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117		
TRACEN YORKTOWN, VA			Date:	2011-07		
SPACE NAME	ENGINE CONTROL ROOM MOCK-UP			SPACE TYPE	INDUSTRIAL	
ACTIVITY	Control Running Engine; Ship's Engine Control Room Training					
ROOM NO.	112A			114A		
FURNITURE	QTY	ITEM		QTY	ITEM	
	4	Captain's Chair		4	Captain's Chair	
	2	File Cabinets		2	File Cabinets	
	1	Waste Basket		1	Waste Basket	
EQUIPMENT						
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED	1	4-Station Engine Control RM Mock-Up		1	4-Station Engine Control RM Mock-Up	
	1	SIM/STIM Cabinet				
	1	MCS-5 Cabinet				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Printer/ Copier		1	Printer/ Copier	
	1	Telephone		1	Telephone	
FINISHES	CEILING	8' H				
	FLOOR	Raised Flooring; VCT				
	WALLS	Painted CMU; Slab to Slab				
	DOOR	3' SC Wd w/Vision Panel; Metal Door Frame; Locking Hardware				
SOUND ATTENUATION	CEILING	STC 50 Rating				
	FLOOR	STC 50 Rating				
	WALLS	STC 50 Rating				
	DOOR	STC 50 Rating				
UTILITY SERVICES	MECH.	HVAC				
	PLMB'G	None				
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.				
	COMM.	Provide per Specifications Section 01158, 1.14.				
OTHER		Window overlooking Engine Lab				
		Place 4-Station mock-up at least 3' off the window wall				
NOTES:		Sound Attenuation increases to STC 60 against the Engine Lab (Rooms 112 and 114)				

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:		75-2724117
TRACEN YORKTOWN, VA			Date:		2011-07
SPACE NAME		ENGINE MOCK-UP LAB		SPACE TYPE	
ACTIVITY		Hand's On Training for Engine Maintenance and Repair			
ROOM NO.		112		114	
FURNITURE		QTY		ITEM	
		1		Upholstered High Chair	
		1		Bookcase	
EQUIPMENT		1		5-Ton Overhead Crane w/ 20' Travel height	
		1		Instructor's Podium (wired)	
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED		1		Running Ship's Engine MTU 20V1163 TB93	
		1		Water Brake (Dynometer)	
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED		1		Computer w/ Monitor	
		1		Telephone	
		1		Engine Rack (10'x6')	
		1		Telephone	
FINISHES		CEILING Exposed Structure			
		FLOOR Sealed Concrete w/ Vibration Isolation; 30"L x 20"W x 5'D Bilge Void w/ Metal Grate Cover; Steel Deck Plates over Utility Trenches			
		WALLS Painted CMU; Slab to Slab			
		DOOR 4' and 6' (Dbl Dr) SC Wd w/Vision Panels; 4' HM Exterior Door; Metal Door Frame; Locking Hardware (Int.); Panic Hardware (Ext.)			
SOUND ATTENUATION		CEILING STC 60 Rating			
		FLOOR STC 60 Rating			
		WALLS STC 60 Rating			
		DOOR STC 60 Rating			
UTILITY SERVICES		MECH. HVAC; High Capacity Exhaust Ventilation; Separate Air Conditioning			
		PLMB'G Eye Wash, Hand Sink, Electric Water Cooler, Oily Water Separator, Spigot			
		ELECT. Provide lighting and power per Specifications Section 01158, 1.13.			
		COMM. Provide per Specifications Section 01158, 1.14.			
OTHER		Provide natural lighting whenever possible (skylights, clerestory, etc)			
		Provide floor drains in Bilge Void and on Shop floor.			
NOTES:		Exterior door is to be built into a walled-in 12'W x 14'H cased opening. The cased opening allows demo and reconstruction for the installation and removal of the engine mock-up. Slope floors toward floor drains.			

SPACE CRITERIA SHEET			
CONSTRUCT DEEPWATER TEW BUILDING		SFRL No.:	75-2724117
TRACEN YORKTOWN, VA		Date:	2011-07
SPACE NAME	A/V MATERIALS DEVELOPMENT		SPACE TYPE
ACTIVITY	Prepare and Store Graphic Training Materials		
ROOM NO.	218		
FURNITURE	QTY	ITEM	QTY
	6	Upholstered Chair	1
	1	3'x6' Work Table	1
	2	4'x4' Flat File Cabinet	
	1	36" Lateral File Cabinet	
EQUIPMENT	1	9' Counter w/ Bottom Cabinet	
	1	9' Wall Cabinets	
	1	30-Slot Mail Box	
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED			
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Stamp Machine	
	1	Safe	
	1	36" W Pin Plotter	
	1	Large Format Printer	
	1	Fax Machine	
FINISHES	CEILING	9' H; SAT	
	FLOOR	Carpet	
	WALLS	Painted Drywall	
	DOOR	3' SC Wood w/ Vision Panel; Metal Frame	
SOUND ATTENUATION	CEILING	STC 45	
	FLOOR	STC 45	
	WALLS	STC 45	
	DOOR	STC 45	
UTILITY SERVICES	MECH.	HVAC	
	PLMB'G	None	
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.	
	COMM.	Provide per Specifications Section 01158, 1.14.	
OTHER		Window Treatment for any exterior glazing	
NOTES:	Coordinate with Room 219 (Faculty Lounge)		

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	FACULTY ADMINISTRATION		SPACE TYPE	OFFICE
ACTIVITY	Open Office with Multiple Workstation Cubicles			
ROOM NO.	213			
FURNITURE	QTY	ITEM	QTY	ITEM
	10	8'x8' Workstation Cubicle	20	36" Wide Lat. Files (3-Drwr)
	10	Office Chairs w/ Arms	2	Printer Stands
	10	Upholstered Side Chairs	2	32" Wide Book Shelves
	10	36" Wide Lateral Files (2-Drwr)	1	30"W x 72"L Work Table
	10	Waste Baskets		
EQUIPMENT				
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	10 10 1	Computers w/ Monitors Telephones Printer/ Copier		
FINISHES	CEILING	9' H; SAT		
	FLOOR	Modular Carpet		
	WALLS	Painted CMU/ Drywall		
	DOOR	3' SC Wood w/ Vision Panel; Locking Hardware		
SOUND ATTENUATION	CEILING	STC 45		
	FLOOR	STC 45		
	WALLS	STC 45		
	DOOR	STC 45		
UTILITY SERVICES	MECH.	HVAC		
	PLMB'G	None		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Window Treatment for any exterior or interior glazing		
NOTES:				

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	FACULTY LOUNGE		SPACE TYPE	OFFICE
ACTIVITY	Break Room for Faculty and Staff			
ROOM NO.	219			
FURNITURE	QTY	ITEM	QTY	ITEM
	1	3-Seat Upholstered Sofa	1	Waste Basket
	1	Upholstered Side Chair		
	2	Side Tables		
	1	Coffee Table		
EQUIPMENT				
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED				
FINISHES	CEILING	9'H; SAT		
	FLOOR	Carpet		
	WALLS	Painted Drywall		
	DOOR			
SOUND ATTENUATION	CEILING	STC 45		
	FLOOR	STC 45		
	WALLS	STC 45		
	DOOR	STC 45		
UTILITY SERVICES	MECH.	HVAC		
	PLMB'G	None		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Window Treatment for any exterior glazing		
NOTES:	Coordinate with Room 220 (Faculty Coffee Mess) and Room 222 (A/V Material Development)			

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	GROUP PROJECT ROOM		SPACE TYPE	OFFICE
ACTIVITY	Group Study for up to six students			
ROOM NO.	205			
FURNITURE	QTY	ITEM	QTY	ITEM
	1	60" Dia. Table	1	Waste Basket
	6	Stackable Chairs		
EQUIPMENT	1	10'x4' Wall-Mnt'd Whiteboard		
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Telephone		
FINISHES	CEILING	10'H; SAT		
	FLOOR	Carpet		
	WALLS	Painted CMU; Slab to Slab		
	DOOR	3' SC Wd w/Vision Panel; Metal Door Frame; Locking Hardware		
SOUND ATTENUATION	CEILING	STC 45 Rating		
	FLOOR	STC 45 Rating		
	WALLS	STC 45 Rating		
	DOOR	STC 45 Rating		
UTILITY SERVICES	MECH.	HVAC		
	PLMB'G	None		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Window Treatment for any exterior or interior glazing.		
NOTES:				

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	PRIVATE OFFICE		SPACE TYPE	OFFICE
ACTIVITY	Controlled Work Area for Single User			
ROOM NO.	213A	213B		
FURNITURE	QTY	ITEM	QTY	ITEM
	1	Enclosed Workstation w/ Door	1	Waste Basket
	4	Upholstered Task Chair w/arms	1	Bookcase
	1	Upholstered Guest Chair		
EQUIPMENT				
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1 1	Computer w/Monitor Telephone		
FINISHES	CEILING	9'H; SAT		
	FLOOR	Carpet		
	WALLS	Prefabricated with Windows		
	DOOR	3' SC; Metal Door Frame; Locking Hardware		
SOUND ATTENUATION	CEILING	STC 45 Rating		
	FLOOR	STC 45 Rating		
	WALLS	STC 45 Rating		
	DOOR	STC 45 Rating		
UTILITY SERVICES	MECH.	HVAC		
	PLMB'G	None		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Window Treatment for interior and any exterior glazing		
NOTES:				

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	STUDENT COUNSELING ROOM			SPACE TYPE	OFFICE
ACTIVITY	Private Conversation or Instruction for up to Four People				
ROOM NO.	216	217			
FURNITURE	QTY	ITEM		QTY	ITEM
	1	48" Diameter Table			
	4	Upholstered Conf. RM Chairs			
	1	Waste Basket			
EQUIPMENT	1	6'x4' Wall Mnt'd White Board			
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Telephone			
FINISHES	CEILING	9' H; SAT			
	FLOOR	Modular Carpet			
	WALLS	Painted CMU/ Drywall			
	DOOR	3' SC Wood w/ Vision Panel; Locking Hardware			
SOUND ATTENUATION	CEILING	STC 45 Rating			
	FLOOR	STC 45 Rating			
	WALLS	STC 45 Rating			
	DOOR	STC 45 Rating			
UTILITY SERVICES	MECH.	HVAC			
	PLMB'G	None			
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER		Window Treatment for any exterior or interior glazing			
NOTES:					

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	IT SERVER ROOM			SPACE TYPE	SPECIAL
ACTIVITY	Telecommunications Equipment Operations and Maintenance				
ROOM NO.	108				
FURNITURE	QTY	ITEM		QTY	ITEM
	2	2'x5' Computer Workstation		2	Waste Basket
	2	Upholstered Office Chair			
	1	6' Work Surface			
	1	6' Overhead Shelving			
EQUIPMENT	5	24"Wx30"Dx72"H Eqpt Rack			
	1	30"Wx36"Dx72"H Eqpt Rack			
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	2	Computer w/ Monitor			Radios
	2	Telephone			Switches Routers
FINISHES	CEILING	9' H			
	FLOOR	VCT			
	WALLS	Painted CMU; Slab to Slab; 4'x8'x 3/4" Plywood Sheets w/Fire Retardant Paint			
	DOOR	3' SC; Metal Door Frame; Pass-thru Lock with deadbolt; Magnetic card access device			
SOUND ATTENUATION	CEILING	STC 45 Rating			
	FLOOR	STC 45 Rating			
	WALLS	STC 45 Rating			
	DOOR	STC 45 Rating			
UTILITY SERVICES	MECH.	HVAC (Independent with Emergency Power)			
	PLMB'G				
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER					
NOTES:					

SPACE CRITERIA SHEET						
CONSTRUCT DEEPWATER TEW BUILDING				SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA				Date:	2011-07	
SPACE NAME	TELCOMM CLOSET			SPACE TYPE	SPECIAL	
ACTIVITY	Satellite Location for Telecommunications Equipment					
ROOM NO.	208					
FURNITURE	QTY	ITEM		QTY	ITEM	
EQUIPMENT	2	24"Wx30"Dx72"H Eqpt Rack				
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED						
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED						
FINISHES	CEILING	9' H				
	FLOOR	VCT				
	WALLS	Painted CMU; Slab to Slab; 4'x8'x 3/4" Plywood Sheets w/Fire Retardant Paint				
	DOOR	3' SC; Metal Door Frame; Pass-thru Lock with deadbolt; Magnetic card access device				
SOUND ATTENUATION	CEILING	STC 45 Rating				
	FLOOR	STC 45 Rating				
	WALLS	STC 45 Rating				
	DOOR	STC 45 Rating				
UTILITY SERVICES	MECH.	HVAC (Independent with Emergency Power)				
	PLMB'G					
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.				
	COMM.	Provide per Specifications Section 01158, 1.14.				
OTHER						
NOTES:						

SPACE CRITERIA SHEET							
CONSTRUCT DEEPWATER TEW BUILDING				SFRL No.:		75-2724117	
TRACEN YORKTOWN, VA				Date:		2011-07	
SPACE NAME		STORAGE – Industrial			SPACE TYPE		STORAGE
ACTIVITY		Walk-In Storage Room					
ROOM NO.		112B	112C	114B	114C		
FURNITURE		QTY	ITEM		QTY	ITEM	
EQUIPMENT			Large Storage Racks				
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED							
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED							
FINISHES		CEILING	10' H; Exposed to Structure				
		FLOOR	Sealed Concrete				
		WALLS	Painted CMU; Slab to Slab				
		DOOR	3' HM w/Vision Panels; Metal Door Frame				
SOUND ATTENUATION		CEILING					
		FLOOR					
		WALLS					
		DOOR					
UTILITY SERVICES		MECH.	HVAC				
		PLMB'G	None				
		ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.				
		COMM.	Provide per Specifications Section 01158, 1.14.				
OTHER							
NOTES:							

SPACE CRITERIA SHEET							
CONSTRUCT DEEPWATER TEW BUILDING				SFRL No.:		75-2724117	
TRACEN YORKTOWN, VA				Date:		2011-07	
SPACE NAME	STORAGE – Standard			SPACE TYPE		STORAGE	
ACTIVITY	Walk-In Storage Room						
ROOM NO.	106	109B	110B	206	212A	213C	215A
FURNITURE	QTY	ITEM			QTY	ITEM	
EQUIPMENT	1	Built-in Shelving					
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED							
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED							
FINISHES	CEILING	9' H					
	FLOOR	Same as adjacent Corridor or Hallway					
	WALLS	Painted CMU; Slab to Slab					
	DOOR	3' SC Wood; Metal Door Frame					
SOUND ATTENUATION	CEILING						
	FLOOR						
	WALLS						
	DOOR						
UTILITY SERVICES	MECH.	HVAC					
	PLMB'G	None					
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.					
	COMM.	Provide per Specifications Section 01158, 1.14.					
OTHER							
NOTES:							

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	EQUIPMENT ROOM – Electrical			SPACE TYPE	UTILITY
ACTIVITY	House Building Electrical Source Equipment at Primary and Satellite Locations				
ROOM NO.	115	210			
FURNITURE	QTY	ITEM		QTY	ITEM
EQUIPMENT					
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED					
FINISHES	CEILING	12' H; Exposed To Structure			
	FLOOR	Sealed Concrete			
	WALLS	Painted CMU; Slab to Slab			
	DOOR	3' HM; 6' HM (Dbl Door) Exterior; Metal Door Frame			
SOUND ATTENUATION	CEILING				
	FLOOR				
	WALLS				
	DOOR				
UTILITY SERVICES	MECH.	HVAC			
	PLMB'G	None			
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER					
NOTES:					

SPACE CRITERIA SHEET			
CONSTRUCT DEEPWATER TEW BUILDING		SFRL No.:	75-2724117
TRACEN YORKTOWN, VA		Date:	2011-07
SPACE NAME	EQUIPMENT ROOM – Elevator		SPACE TYPE
ACTIVITY	Remote Location for Elevator Equipment		
ROOM NO.	116A		
FURNITURE	QTY	ITEM	QTY
EQUIPMENT	1	Elevator Lift Mechanism	
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED			
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED			
FINISHES	CEILING	12' H; Exposed to Structure	
	FLOOR	Sealed Concrete	
	WALLS	Painted CMU; Slab to Slab	
	DOOR	3' HM; Metal Door Frame	
SOUND ATTENUATION	CEILING		
	FLOOR		
	WALLS		
	DOOR		
UTILITY SERVICES	MECH.	None	
	PLMB'G	Hydraulic Fluid Line	
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.	
	COMM.	Provide per Specifications Section 01158, 1.14.	
OTHER		Provide floor drain.	
NOTES:	Slope floor towards floor drain.		

SPACE CRITERIA SHEET							
CONSTRUCT DEEPWATER TEW BUILDING					SFRL No.:		75-2724117
TRACEN YORKTOWN, VA					Date:		2011-07
SPACE NAME		EQUIPMENT ROOM – HVAC			SPACE TYPE		UTILITY
ACTIVITY		House Building HVAC and Plumbing Source Equipment					
ROOM NO.		116	223	223A	223C	223D	
FURNITURE		QTY	ITEM		QTY	ITEM	
EQUIPMENT		1	Heating, Ventilating and Air Conditioning Equipment				
		1	Hot and Cold Water Eqpt				
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED							
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED							
FINISHES		CEILING	12' H; Exposed Structure				
		FLOOR	Sealed Concrete				
		WALLS	Painted CMU; Slab to Slab				
		DOOR	3' HM; 3' HM Exterior; 6' HM (Dbl Door) Exterior; Metal Door Frame				
SOUND ATTENUATION		CEILING					
		FLOOR					
		WALLS	STC 45 Rating				
		DOOR					
UTILITY SERVICES		MECH.	HVAC Equipment				
		PLMB'G	As Required for HVAC Equipment				
		ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.				
		COMM.	Provide per Specifications Section 01158, 1.14.				
OTHER			Provide floor drains.				
			Provide 6'W x 7'H Roll-Up Door into each Engine Lab from Room 223A.				
NOTES:		Slope floor towards floor drains.					

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	UTILITY CLOSET		SPACE TYPE	UTILITY
ACTIVITY	Available for Extension of Utility Services to Satellite Locations			
ROOM NO.	209	223B		
FURNITURE	QTY	ITEM	QTY	ITEM
EQUIPMENT				
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED				
FINISHES	CEILING	Exposed Structure		
	FLOOR	Sealed Concrete		
	WALLS	Painted CMU; Slab to Slab		
	DOOR	3' HM; Metal Door Frame		
SOUND ATTENUATION	CEILING	STC 45 Rating		
	FLOOR	STC 45 Rating		
	WALLS	STC 45 Rating		
	DOOR	STC 45 Rating		
UTILITY SERVICES	MECH.			
	PLMB'G			
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Provide floor drain where plumbing is included.		
NOTES:	Slope floor towards floor drain.			

SPACE CRITERIA SHEET			
CONSTRUCT DEEPWATER TEW BUILDING		SFRL No.:	75-2724117
TRACEN YORKTOWN, VA		Date:	2011-07
SPACE NAME	BUILDING MAINTENANCE		SPACE TYPE
ACTIVITY	Store Janitorial Supplies and Building Maintenance Equipment		
ROOM NO.	107	207	
FURNITURE	QTY	ITEM	QTY
EQUIPMENT	1	Wall Mounted Hose Holder	
	1	Wall Mounted Mop Hanger	
	1	S.S. Self-Draining Shelf	
	1	Mop Rack	
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED			
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED			
FINISHES	CEILING	9' H; SAT	
	FLOOR	Ceramic Tile & Base	
	WALLS	Painted CMU/ Drywall; Epoxy Paint; Slab to Slab	
	DOOR	3' SC Wood; Metal Door Frame; 1" Undercut and Locking Hardware	
SOUND ATTENUATION	CEILING		
	FLOOR		
	WALLS		
	DOOR		
UTILITY SERVICES	MECH.	Exhaust w/ undercut or door louver intake	
	PLMB'G	Mop Sink w/ Bumper Guards; Wall Mounted Faucet w/ Hose Connection and Pail Tip	
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.	
	COMM.	Provide per Specifications Section 01158, 1.14.	
OTHER		Provide floor drain	
NOTES:	Slope floor towards floor drain.		

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	COFFEE MESS			SPACE TYPE	WET ROOM
ACTIVITY					
ROOM NO.	113A	220			
FURNITURE	QTY	ITEM		QTY	ITEM
				1	Waste Basket
EQUIPMENT	1	24" D Counter w/ Cabinets		1	2-Place Coffee Maker
	3	36"W x 12"D Wall Cabinets		1	Refrigerator, 19.1 CF
	1	Kitchen Sink			
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Microwave Oven			
FINISHES	CEILING	9' H; SAT			
	FLOOR	VCT			
	WALLS	Painted CMU/ Drywall			
	DOOR	Framed Opening			
SOUND ATTENUATION	CEILING				
	FLOOR				
	WALLS				
	DOOR				
UTILITY SERVICES	MECH.	HVAC			
	PLMB'G	Counter Mounted Faucet; Coffee Maker and Refrigerator Connections			
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER					
NOTES:					

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	LOCKERS & SHOWERS		SPACE TYPE	WET ROOM
ACTIVITY				
ROOM NO.	221A		222A	
FURNITURE	QTY	ITEM	QTY	ITEM
	2	Sitting Stool	3	Sitting Stool
	4	18"x18" Metal Lockers	6	18"x18" Metal Lockers
EQUIPMENT	1	Commercial Shower Receptor	1	Handicap Shower Receptor
	1	Handicap Shower Receptor	1	Mildew Resist. Fabric Curtain
	2	Mildew Resist. Fabric Curtain	1	S.S. Full-Length Mirror
	1	S.S. Full-Length Mirror		
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED				
FINISHES	CEILING	9' H; Moisture Resistant SAT or Drywall w/ Epoxy Paint		
	FLOOR	Ceramic Tile		
	WALLS	Painted CMU w/ Epoxy Paint; Cementitious Backer Board with Ceramic Tile; Slab to Slab		
	DOOR	Framed Opening		
SOUND ATTENUATION	CEILING	STC 45 Rating		
	FLOOR	STC 45 Rating		
	WALLS	STC 45 Rating		
	DOOR	STC 45 Rating		
UTILITY SERVICES	MECH.	Continuous Exhaust Ventilation w/ slight negative pressure		
	PLMB'G	Shower Stalls; Floor Drains		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Provide floor drain.		
NOTES:	Shower receptors are to be fiberglass, aqua glass or equal. Slope floor towards floor drain.			

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	TOILET – Faculty (Men)		SPACE TYPE	WET ROOM
ACTIVITY	Personal Hygiene; Multiple Occupancy			
ROOM NO.	222			
FURNITURE	QTY	ITEM	QTY	ITEM
EQUIPMENT	2-Stalls 2 1-Set 1	Toilet Partitions Dbl-Roll Toilet Paper Dispenser Handicap Grab Bars Urinal Screen	22" 3 2 3 1	Counter Top w/ Backsplash 18"x30" Framed Mirror Paper Towel Dispenser Soap Dispensers Waste Receptacle
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED				
FINISHES	CEILING	9' H; Moisture Resistant Drywall w/ Epoxy Paint		
	FLOOR	Ceramic Tile and Base		
	WALLS	Cementitious Backer Board with Ceramic Tile		
	DOOR	SC Wood; Metal Door Frame; 1" Undercut		
SOUND ATTENUATION	CEILING	STC 45 Rating		
	FLOOR	STC 45 Rating		
	WALLS	STC 45 Rating		
	DOOR	STC 45 Rating		
UTILITY SERVICES	MECH.	HVAC; Exhaust to maintain negative pressure		
	PLMB'G	2 Water Closets (1 handicap compatible); 2 Urinals; 3 Sinks		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Provide floor drain.		
NOTES:	Slope floor towards floor drain.			

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	TOILET – Faculty (Women)		SPACE TYPE	WET ROOM
ACTIVITY	Personal Hygiene; Multiple Occupancy			
ROOM NO.	221			
FURNITURE	QTY	ITEM	QTY	ITEM
EQUIPMENT	2-Stalls 2 1-Set	Toilet Partition Dbl-Roll Toilet Paper Dispenser Handicap Grab Bars	22" 2 1 2 1	Counter Top w/ Backsplash 18"x30" Framed Mirror Paper Towel Dispenser Soap Dispenser Waste Receptacle
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED				
FINISHES	CEILING	9' H; Moisture Resistant Drywall w/ Epoxy Paint		
	FLOOR	Ceramic Tile and Base		
	WALLS	Cementitious Backer Board with Ceramic Tile		
	DOOR	SC Wood; Metal Door Frame; 1" Undercut		
SOUND ATTENUATION	CEILING	STC 45 Rating		
	FLOOR	STC 45 Rating		
	WALLS	STC 45 Rating		
	DOOR	STC 45 Rating		
UTILITY SERVICES	MECH.	HVAC; Exhaust to maintain negative pressure		
	PLMB'G	2 Water Closets (1 handicap compatible); 2 Sinks		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Provide floor drain.		
NOTES:	Slope floor towards floor drain.			

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	TOILET – Student/ Staff (Unisex)		SPACE TYPE	WET ROOM
ACTIVITY	Personal Hygiene; Single Occupancy			
ROOM NO.	113B			
FURNITURE	QTY	ITEM	QTY	ITEM
EQUIPMENT	1 1-Set	Dbl-Roll Toilet Paper Dispenser Handicap Grab Bars	1 1 1 1	18"x30" Framed Mirror Paper Towel Dispenser Soap Dispenser Waste Receptacle
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED				
FINISHES	CEILING	9' H; Moisture Resistant Drywall w/ Epoxy Paint		
	FLOOR	Ceramic Tile and Base		
	WALLS	Painted CMU, Epoxy Paint		
	DOOR	SC Wood; Metal Door Frame; 1" Undercut; Locking Hardware		
SOUND ATTENUATION	CEILING	STC 45 Rating		
	FLOOR	STC 45 Rating		
	WALLS	STC 45 Rating		
	DOOR	STC 45 Rating		
UTILITY SERVICES	MECH.	HVAC; Exhaust to maintain negative pressure		
	PLMB'G	One Water Closet (handicap compatible); One Sink		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER				
NOTES:				

SPACE CRITERIA SHEET					
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117	
TRACEN YORKTOWN, VA			Date:	2011-07	
SPACE NAME	TOILET – Students/ Public (Men)			SPACE TYPE	WET ROOM
ACTIVITY	Personal Hygiene; Multiple Occupancy				
ROOM NO.	103	203			
FURNITURE	QTY	ITEM		QTY	ITEM
EQUIPMENT	4-Stalls 4 1-Set 3	Toilet Partition Dbl-Roll Toilet Paper Dispenser Handicap Grab Bars Urinal Screen		22" 4 2 4 2	Counter Top w/ Backsplash 18"x30" Framed Mirror Paper Towel Dispenser Soap Dispenser Waste Receptacle
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED					
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED					
FINISHES	CEILING	9' H; Moisture Resistant Drywall w/ Epoxy Paint			
	FLOOR	Ceramic Tile and Base			
	WALLS	Painted CMU; Epoxy Paint			
	DOOR	SC Wood; Metal Door Frame; 1" Undercut; Locking Hardware			
SOUND ATTENUATION	CEILING	STC 50 Rating			
	FLOOR	STC 50 Rating			
	WALLS	STC 50 Rating			
	DOOR	STC 50 Rating			
UTILITY SERVICES	MECH.	HVAC; Exhaust to maintain negative pressure			
	PLMB'G	4 Water Closets (1 handicap compatible); 4 Urinals; 4 Sinks			
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.			
	COMM.	Provide per Specifications Section 01158, 1.14.			
OTHER		Provide floor drains.			
NOTES:	Slope floor towards floor drains.				

SPACE CRITERIA SHEET				
CONSTRUCT DEEPWATER TEW BUILDING			SFRL No.:	75-2724117
TRACEN YORKTOWN, VA			Date:	2011-07
SPACE NAME	TOILET – Students/ Public (Women)		SPACE TYPE	WET ROOM
ACTIVITY	Personal Hygiene; Multiple Occupancy			
ROOM NO.	104	204		
FURNITURE	QTY	ITEM	QTY	ITEM
EQUIPMENT	4-Stalls 4 1-Set	Toilet Partition Dbl-Roll Toilet Paper Dispenser Handicap Grab Bars	22" 3 2 3 1	Counter Top w/ Backsplash 18"x30" Framed Mirror Paper Towel Dispenser Soap Dispenser Waste Receptacle
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED				
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED				
FINISHES	CEILING	9' H; Moisture Resistant Drywall w/ Epoxy Paint		
	FLOOR	Ceramic Tile and Base		
	WALLS	Painted CMU; Epoxy Paint		
	DOOR	SC Wood; Metal Door Frame; 1" Undercut		
SOUND ATTENUATION	CEILING	STC 50 Rating		
	FLOOR	STC 50 Rating		
	WALLS	STC 50 Rating		
	DOOR	STC 50 Rating		
UTILITY SERVICES	MECH.	HVAC; Exhaust to maintain negative pressure		
	PLMB'G	4 Water Closets (1 handicap compatible); 3 Sinks		
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.		
	COMM.	Provide per Specifications Section 01158, 1.14.		
OTHER		Provide floor drains.		
NOTES:	Slope floor towards floor drains.			

SPACE CRITERIA SHEET			
CONSTRUCT DEEPWATER TEW BUILDING		SFRL No.:	75-2724117
TRACEN YORKTOWN, VA		Date:	2011-07
SPACE NAME	VENDING MACHINES		SPACE TYPE
ACTIVITY	Coin Operated Food and Drink Dispensers		
ROOM NO.	105		
FURNITURE	QTY	ITEM	QTY
			ITEM
			1
			Trash Can
EQUIPMENT	1	24"D Counter w/ Cabinets	
	4	36"Wx12"D Wall Cabinet	
	1	Kitchen Sink	
	1	2-Place Coffee Maker	
GOVERNMENT FURNISHED; CONTRACTOR INSTALLED			
GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	1	Microwave Oven	
FINISHES	CEILING	9' H; SAT	
	FLOOR	VCT	
	WALLS	Painted CMU	
	DOOR		
SOUND ATTENUATION	CEILING		
	FLOOR		
	WALLS	STC 45 Rating	
	DOOR		
UTILITY SERVICES	MECH.	HVAC	
	PLMB'G	Counter mounted faucet; Coffee Maker connection	
	ELECT.	Provide lighting and power per Specifications Section 01158, 1.13.	
	COMM.	Provide per Specifications Section 01158, 1.14.	
OTHER			
NOTES:	Vending Machines (4) are to be provided by others		