

PLUMBING FIXTURE SCHEDULE						
TAG	NAME	WASTE	VENT	COLD WATER	HOT WATER	REMARKS
P-1	WATER CLOSET	100	50	25	-	TANK TYPE (MOUNTED 457 mm TOP OF SEAT)
P-1A	WATER CLOSET (HC)	100	50	25	-	TANK TYPE (MOUNTED 457 mm TOP OF SEAT)
P-2	URINAL	50	40	20	-	
P-3	LAVATORY	40	40	15	15	
P-4	-	40	40	15	15	
N/A						
P-6	SHOWER	50	40	15	15	
N/A P-7	SERVICE SINK	80	40	15	15	
P-8	SINK (KITCHEN)	40	40	15	15	
P-9	BAR SINK	40	40	15	15	
P-10	LAUNDRY SINK	80	40	15	15	
P-11	SINK	40	40	15	15	
REF-1	REFRIGERATOR OUTLET BOX	-	-	15	-	
HB-1	HOSE BIB	-	-	15	-	
HB-2	HOSE BIB W/ ENCLOSURE	-	-	15	-	
NFMH	NON-FREEZE WALL HYDRANT	-	-	15	-	BALLISTIC PROOF
WM-1	WASHING MACHINE (SUPPLY/DRAIN BOX)	80	40	15	15	
TPV-1	TRAP PRIMER VALVE	-	-	15	-	
FD-1	FLOOR DRAIN	80	40	-	-	
FD-2	FLOOR DRAIN	80	40	-	-	
EFD-1	EMERGENCY FLOOR DRAIN	80	40	-	-	
OB						

NOTES
 1. ELECTRICAL CHARACTERISTICS SHALL BE MODIFIED, AS NEEDED TO ENSURE FULLY AND PROPERLY FUNCTIONING SYSTEMS AND COMPONENTS, TO MATCH HOST COUNTRY'S STANDARD ELECTRICAL CURRENT TYPE, FREQUENCY, NUMBER OF PHASES, AND NOMINAL VOLTAGE.

DOMESTIC WATER HEATER SYSTEM SCHEDULE (OPTIDN)										
TAG	TYPE	LOCATION	CAPACITY (LITERS)	ELECTRIC			RECOVERY RATE		MANUFACTURER AND MODEL	REMARKS
				VOLT	PH	HZ	L/H	TEMP. RISE (°C)		
WH-1	TANK-TYPE STORAGE		-	-	-	50	-	-	-	ELECTRIC, NATURAL GAS-FIRED, AND OIL-FIRED HEATERS TO BE EVALUATED BASED ON SITE CONDITIONS AND LIFE CYCLE COST COMPARISON.
ET-1	EXPANSION TANK	FIRST FLOOR MECHANICAL RM.	-	-	-	-	-	-	-	

NOTES
 1. ELECTRICAL CHARACTERISTICS SHALL BE MODIFIED, AS NEEDED TO ENSURE FULLY AND PROPERLY FUNCTIONING SYSTEMS AND COMPONENTS, TO MATCH HOST COUNTRY'S STANDARD ELECTRICAL CURRENT TYPE, FREQUENCY, NUMBER OF PHASES, AND NOMINAL VOLTAGE.
 2. SIZE AND SELECT EQUIPMENT BASED ON SITE-SPECIFIC CONDITIONS AND OBO REQUIREMENTS.

DOMESTIC WATER CIRCULATING PUMP SCHEDULE								
TAG	L/s	TDH (ft)	MOTOR HP	ELECTRIC			MANUFACTURER AND MODEL	REMARKS
				VOLTS	PH	HZ		
ROP-1	-	-	-	-	-	50		

NOTES
 1. ELECTRICAL CHARACTERISTICS SHALL BE MODIFIED, AS NEEDED TO ENSURE FULLY AND PROPERLY FUNCTIONING SYSTEMS AND COMPONENTS, TO MATCH HOST COUNTRY'S STANDARD ELECTRICAL CURRENT TYPE, FREQUENCY, NUMBER OF PHASES, AND NOMINAL VOLTAGE.
 2. SIZE AND SELECT EQUIPMENT BASED ON SITE-SPECIFIC CONDITIONS AND OBO REQUIREMENTS.

WATER HAMMER ARRESTER SCHEDULE						
P.D.L UNIT RATING	A	B	C	D	E	F
FIXTURE UNIT CAPACITY	1-11	12-32	33-60	61-113	114-154	155-330

SOLAR WATER HEATER SCHEDULE (OPTIDN)									
TAG	TYPE	CAPACITY (LITERS)	ELECTRIC			RECOVERY RATE		MANUFACTURER AND MODEL	REMARKS
			VOLT	PH	HZ	L/H	TEMP. RISE (°C)		
SWH	SOLAR WATER HEATER	-	-	-	-	-	32'	-	LOCATED IN 1ST FLOOR MECHANICAL ROOM WITH ELECTRIC BACK-UP
ET-1	EXPANSION TANK	-	-	-	-	-	-	-	LOCATED IN 1ST FLOOR MECHANICAL ROOM 11.7 L ACCEPTANCE VOLUME

National Institute of Building Sciences
 building Smart Alliance
 Washington, DC

Barracks 101

Building Information Model Common File

WARNING: All building models provided by buildingSMART alliance are licensed under a Creative Commons Attribution-NonDerivs 3.0 Unported License.
 National Institute of Building Sciences
 buildingSMART alliance
 Washington, DC 20005

GENERAL NOTES:
 1. DESIGN PLUMBING SYSTEMS PER THE LATEST VERSION OF THE INTERNATIONAL PLUMBING CODE (IPC) AND OWNER DESIGN REQUIREMENTS AND SPECIFICATIONS.

Rev. Number	Description	Date
Revisions		

Release For Construction:	
NIBS/Asa	NIBS/Asa
Drawing Title	
SCHEDULES	
OBO Project Number	Drawing Scope Phase AS NOTED O&M
CAD File Name CBMP601.DWG	CAD Plot Scale 1:1
Date NOV-2012	Sheet Number
Drawn By NIBS	Barracks P601
Checked By NIBS	
Project Number	
Classification	UNCLASSIFIED