MECHANICAL LEGEND

ABBREVIATIONS

ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AIR	MEDICAL OR COMPRESSED AIR
BDD	BACKDRAFT DAMPER
BFP	BACKFLOW PREVENTER
BLW	BELOW
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
CAP	CAPACITY
CD	CONDENSER WATER RETURN
CDR	CONDENSER WATER SUPPLY
CDS	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CLG	CEILING OR COOLING (CONTEXT)
CO	CLEANOUT
CONT	CONTINUOUS OR CONTINUATION (CONTEXT)
CW	DOMESTIC COLD WATER
CWR	CHILLED WATER RETURN
CWS	CHILLED WATER SUPPLY
DB	DRY BULB (TEMP)
DEG	DEGREES
DN	DOWN
DWG	DRAWING
ELEC	ELECTRIC OR ELECTRICAL (CONTEXT)
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMP
EXIST	EXISTING
EXST	EXISTING
FD	FLOOR DRAIN (PLUMBING); FIRE DAMPER (HVAC)
FDC	FIRE DEPARTMENT CONNECTION
FPM	FILTER RETURN GRILL
FRG	FEET PER MINUTE
FT	FEET
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HP	HORSEPOWER
HTG	HEATING
HUB	HUB DRAIN
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RETURN
HZ	HERTZ (FREQUENCY)
IN	INCHES
INCL	INCLUDES, INCLUDING (CONTEXT)
KW	KILOWATT
LAT	LEAVING AIR TEMP
LWT	LEAVING WATER TEMP
MBH	THOUSAND BTUH
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINUTE(S)
MTD	MOUNTED
NTS	NOT TO SCALE
O2	OXYGEN
PD	PRESSURE DROP
PLBG	PLUMBING
PSI	POUNDS PER SQUARE INCH (PRESSURE)
PSIG	PSI (GAUGE PRESSURE)
RD	ROOF DRAIN
RG	REQUIRED
REQD	RETURN GRILL
RPM	REVOLUTIONS PER MINUTE
SEC	SECONDS
SENS	SENSIBLE
SP	STATIC PRESSURE
SQ FT	SQUARE FOOT/FEET (AREA)
SWG	SIDEWALL GRILL / REGISTER
TEMP	TEMPERATURE
THRU	THROUGH
TYP	TYPICAL
VAC	VACUUM
VERT	VERTICAL
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT
WB	WET BULB (TEMP)
WG	WATER GAUGE (PRESSURE)
WPD	WATER PRESSURE DROP
WSHP	WATER SOURCE HEAT PUMP

SYMBOLS

FD	FIRE DAMPER
AP	ACCESS PANEL
	SPIN-IN DUCT FITTING
	FLEX RUNOUT FROM SPIN-IN FITTING
	CEILING DIFFUSER
	RETURN AIR GRILL
	45 DEG BRANCH TAKEOFF WITH DAMPER
	PIPE DOWN
	PIPE UP
OR	ISOLATION VALVE (PIPING)
BDD	BACKDRAFT DAMPER
M	MOTORIZED OBVD DAMPER
T	THERMOSTAT / TEMPERATURE SENSOR
H	HUMIIDITY SENSOR
CO2	CARBON DIOXIDE SENSOR

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	ROUGH-IN WASTE	ROUGH-IN CW	ROUGH-IN HW	MODEL
F-1	WATER CLOSET, WHITE VIT CHINA, FLUSH VALVE, WALLHUNG, SIPHON JET	3"	1"	--	KOHLER K-4330-0 KINGSTON, TOP SPUD W/ OPEN-FRT SEAT LESS CVR 1.6 GPF SENSOR FLUSH VLV
F-1A	WATER CLOSET, WHITE VIT CHINA, FLUSH VALVE, WALLHUNG, SIPHON JET ADA/UFAS HEIGHT	3"	1"	--	KOHLER K-4330-0 KINGSTON, TOP SPUD W/ OPEN-FRT SEAT LESS CVR 1.6 GPF SENSOR FLUSH VLV (MOUNTED AT ADA-HEIGHT)
F-2	WALL HUNG LAV, WHITE VIT CHINA 19x17 RECT., 4" CENTERS, OPEN GRID STRAINER	1 1/2"	1/2"	1/2"	KOHLER CHESAPEAKE K-1728 WITH SLOAN SF-2350 SENSOR-OP FAUCET W/ AERATOR
F-2A	WALL HUNG LAV, WHITE VIT CHINA 19x17 RECT., 4" CENTERS, OPEN GRID STRAINER, OFFSET TAILPIECE, ADA/UFAS HEIGHT	1 1/2"	1/2"	1/2"	KOHLER CHESAPEAKE K-1728 WITH SLOAN SF-2350 SENSOR-OP FAUCET W/ AERATOR
F-3	FLUSH-VALVE URINAL	2"	3/4"	--	KOHLER DEXTER K-5016-ET ELONGATED URINAL, TOP SPUD, WITH STRAINER AND SLOAN 1.0 GPF SENSOR-OP FLUSH VALVE
F-3A	ADA/UFAS FLUSH-VALVE URINAL	2"	3/4"	--	KOHLER DEXTER K-5016-ET ELONGATED URINAL, TOP SPUD, WITH STRAINER AND SLOAN 1.0 GPF SENSOR-OP FLUSH VALVE, ADA HEIGHT
F-4	CAST TERRAZZO MOP SINK 24x24x12 WITH 6" DROP FRONT, MOP HANGER, SVC FAUCET, HOSE, & HOOK	1 1/2"	1/2"	1/2"	FIAT TSBC3010 WITH STAINLESS BUMPER GAURD, HANGER, SERVICE FAUCET
F-5	STAINLESS STEEL TWO-COMP ALL-PURPOSE SERVICE SINK WITH WALLPLATE-MOUNT SERVICE FAUCET	3"	3/4"	3/4"	ADVANCE-TABCO 4-2-48 48" WIDE TWO-COMP STAINLESS SINK WITH TRIM AND FAUCET
F-6	SINGLE STATION WALL MOUNTED WATER COOLER	1 1/2"	1/2"	--	ELKAY EZS WALL HUNG SINGLE WATER FOUNTAIN WITH FRONT PUSHBUTTON
F-6A	BARRIER-FREE DUAL STATION WATER COOLER	1 1/2"	1/2"	--	ELKAY EZSTL8C WALL HUNG DUAL WATER FOUNTAIN WITH FRONT PUSHBUTTON, STD & ADA HEIGHT
F-7	PRESSURE-BALANCED SHOWER VALVE WITH TRIM	2"	1/2"	1/2"	ELKAY EDFP210C WALL HUNG SINGLE WATER FOUNTAIN WITH FRONT PUSHBUTTON, ADA HEIGHT
F-7A	ADA/UFAS COMPLIANT SHOWER VALVE WITH PUSH-BUTTON CONTROLS, HANDHELD PERSONAL SHOWER, AND ADJUSTABLE ROD SUPPORT	2"	1/2"	1/2"	AMERICAN STANDARD T385.500 TRIM WITH PRESS.BALANCED VLV BODY, & T1662.604 SHOWER HEAD AND SLIDE BAR
F-8	EMERGENCY SHOWER / EYEWASH FLOOR-SUPPORTED WITH TEMPERING VALVE, PULL HANDLE, AND DUST CAPS	2"	1/2"	1/2"	BRADLEY MODEL S19-310AC COMBINATION SHOWER / EYEWASH ON FLOOR STAND WITH THERMOSTATIC MIXING VALVE
F-5	STAINLESS STEEL TWO-COMP KITCHEN SINK WITH LEVER HANDLE GOOSENECK FAUCET	3"	3/4"	3/4"	ELKAY PSR3321 SINK, SELF-RIMMING, WITH LEVER HANDLE GOOSENECK FAUCET AND RESIDENTIAL DISPOSAL

INSULATE ALL WASTE AND SUPPLY PIPING FOR ADA-COMPLIANT FIXTURES, OR PROVIDE TRUE-BRO LAV-GUARD(TM) SYSTEM.

AIR COMPRESSOR SCHEDULE

TAG	CAP (CFM)	PSI	SUGG FUSE	VOLT	PH	TYPE	REMARKS
AIR-1	28.0	125.0	15.0	460	3ø	AIR-COOLED ROTARY	I-R UP6-7TAS-125 PACKAGED AIR SYSTEM

PACKAGE COMES COMPLETE WITH COMPRESSOR, INLET AIR FILTER, REFRIGERATED AIR DRYER, AND 120-GALLON RECEIVER, WITH SINGLE POINT POWER CONNECTION.

DAMIEN W. SERAUSKAS, P.E.
PROFESSIONAL ENGINEERING SERVICES
15 CYPRESS POINT LANE NEW ORLEANS, LA 70131
VOICE: (504)-866-2600 FAX: (504)-218-8480

APPR	DATE	DESCRIPTION	SYM

NAVFAC

DAMMON ENGINEERING, INC.
CHIEF ENGINEER EMMANUEL DAMMON, P.E. CHIEF ARCHITECT ROBERT WATSE
1095 FLORIDA AVENUE
SLIDELL, LA 70458
(985) 649-5832
MAY 15, 2009

STATE OF LOUISIANA
DAMIEN W. SERAUSKAS
REG. No. 28519
REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING
SEAL

REVIEWED BY: D. SERAUSKAS
PM/DM: T. ARTRIP
CHIEF ENG/ARCH. D.SERAUSKAS

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JOHN C. STENNIS SPACE CENTER
SOF RIVERINE AND COMBATANT CRAFT OPERATIONS FACILITY
PLUMBING LEGEND AND SCHEDULES

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