NATURAL GAS LOAD SUMMARY

SPACE HEATING:		
RTU-1	92	CFH
RTU-2	210	CFH
RTU-3	210	CFH
RTU-4	350	CFH
RTU-5	210	CFH
RTU-6	350	CFH
SUBTOTAL	1422	CFH
DOMESTIC WATER:		
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
GWH-1	199	CFH
SUBTOTAL	2786	CFH
LANDSCAPE EQUIPMENT:		
GAS LAMP	25	CFH
GAS LAMP	25	CFH
GAS LAMP	25	CFH
GAS LAMP	25	CFH
GAS LAMP	25	CFH
GAS LAMP	25	CFH
GAS LAMP	25	CFH
GAS LAMP	25	CFH
GAS LAMP	25	CFH
GAS LAMP	25	CFH
GAS LAMP	25	CFH
FIRE PLACE	80	CFH
SUBTOTAL	355	CFH
LAUNDRY EQUIPMENT:		
DRYER	90	CFH
SUBTOTAL	90	CFH
KITCHEN EQUIPMENT:		
67	140	CFH
68	278	CFH
69	60	CFH
70	60	CFH
SUBTOTAL	538	CFH
GRAND TOTAL:	5191	CFH

NOTE: 2 PSIG INLET AT METER, 2 PSIG AT OUTLET. SIZING PER IFGC 2006, TABLE 402.4(1). DESIGNED DEVELOPED LENGTH OF 500'

GAS FIRED WATER HEATER SCHEDULE

TAG	FIXTURE	DESCRIPTION	PIPING CONNECTIONS			ELECTRICAL REQUIREMENTS				GAS REQUIREMENTS			TANK CAPACITY	RECOVERY CAPACITY		REFERENCE PRODUCT	ACCEPTABLE EQUALS
			CW	DHW	VENT	KW	VOLT	PH	HZ	TYPE	BTUH	PRESSURE	GALLONS	GALLONS	TEMP		
DWH-1	GAS FIRED WATER HEATER TANK/TANKLESS TYPE COMMERICAL TMV-1	GLASS LINED INNER TANK, 2" ECO-FRIENDLY FOAM INSULATION, DIGITAL TEMP READOUT, DUAL MAGNESIUM ANODE RODS, PRE-INSTALLED TEMPERATURE & PRESSURE RELIEF	2	2	4"	-	120	1	60	NAT	199,000	7" W.C.	119	331.0	70 DEG	RINNAI BTH-199	BRADFORD-WHITE AO SMITH STATE

NOTES
A) FLUE SIZES INDICATED ARE FOR 50' MAXIMUM DEVELOPED LENGTH. REFER TO MANUFACTURERS DATA FOR ADDITIONAL REQUIREMENTS.

SUMP PUMP SCHEDULE

TAG	FIXTURE	DESCRIPTION	PIPING CONNECTIONS			ELECTRICAL REQUIREMENTS					FLOW GPM	TDH FEET	PUMP RPM	EQUIPMENT SERVES	REFERENCE PRODUCT	ACCEPTABLE EQUALS
			DISCHARGE	SUCTION	VENT	AMPS	VOLT	PH	HZ	HP						
SP-1	SUMP PUMP SIMPLEX PLUG-IN	NON-CORROSIVE PLASTIC PUMP HOUSING, MOTOR HOUSING AND BASE THERMAL OVERLOAD PROTECTION, ALL STAINLESS STEEL SCREWS, SWITCH ARM AND LOWER MOTOR HOUSING, 2-POLE LOAT OPERATED EMCHANICAL SWITCH, UL LISTED 9' CORD, PROVIDE WITH OIL GUARD SYSTEM AND ALARM	1-1/2"	BASE	NO	3.1	115	1	60	1/3	40	10	3400	ELEVATOR PIT	ZOELLER AQUA-MATE MODEL 76	AURORA BUFFALO LITTLE GIANT

RECIRCULATING PUMP SCHEDULE

TAG	FIXTURE	DESCRIPTION	PIPING CONNECTIONS		ELECTRICAL REQUIREMENTS					FLOW GPM	TDH FEET	PUMP RPM	EQUIPMENT SERVES	REFERENCE PRODUCT	ACCEPTABLE EQUALS
			DISCHARGE	SUCTION	F.L. AMPS	VOLT	PH	HZ	HP						
RCP-1	DOMESTIC HOT WATER RECIRCULATING PUMP IN-LINE	BRONZE BODY, CERAMIC THRUST BEARINGS, PLASTIC IMPELLAR, STAINLESS STEEL ROTOR AND SHAFT, SELF-LUBRICATED GRAPHITE BEARINGS, EPDM DIAPHRAGM 225 F MAX WATER TEMPERATURE, 150 PSI MAX WORKING PRESSURE	1"	1"	1.4	115	1	60	1/12	5	20	2650	SEE PLANS	BELL & GOSSETT PL-30	TACO ITT LITTLE GIANT

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	DESCRIPTION	FAUCETS/ FITTINGS	TRIM	ACCESSORIES	REFERENCE PRODUCT	ACCEPTABLE EQUALS
BT-1	ADA THERAPY TUB	FREE STANDING SIDE ACCESS BATHING AND HYDROMASSAGE TUB REINFORCED FIBERGLAS CONSTRUCTION, CLOSED LOOP DISINFECTING AND DISPENSING SYSTEM, MIXING VALVE, BUILT-IN BACKFLOW	INTEGRAL			INVACARE IH 3600 44 GALLON CAPACITY	
EWC-1	ELECTRIC WATER COOLER	BI-LEVEL UNIT, WALL HUNG, UL AND CSA LISTED, LEAD-FREE WATERWAYS STAINLESS STEEL TOP, HIGH EFFICIENCY COOLING TANK AND MOTOR WELDED HEAVY DUTY FRAME, ADA COMPLIANT				OASIS P8ACSL	ELKAY HAWS HALSEY TAYLOR
FCO	FLOOR CLEANOUT	ADJUSTABLE POLISHED BRONZE FLOOR CLEANOUT, DURA-COATED CAST IRON BODY WITH GAS AND WATER TIGHT ABS TAPERED THREAD PLUG, ROUND SECURED TOP, VANDAL PROOF SCREWS, NO HUB CONNECTION				ZURN Z-1400-VP	JR SMITH WADE WATTS
FFD-1	FUNNEL FLOOR DRAIN	DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR, TYPE 'E' STRAINER TRAP PRIMER CONNECTION, 1 - 3" EXTENSION ADAPTER, VANDAL PROOF SCREWS				ZURN Z-415-P-VP-E	JR SMITH WADE WATTS
FD-1	FLOOR DRAIN FINISHED AREAS	DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR, TYPE 'B' STRAINER TRAP PRIMER CONNECTION, 1 - 3" EXTENSION ADAPTER, VANDAL PROOF SCREWS				ZURN Z-415-P-VP-B	JR SMITH WADE WATTS
FS-1	FLOOR SINK	12 X 12 SQUARE GRATE TOP DRAIN, 9" DEEP, DURA-COATED CAST IRON BODY, BOTTOM OUTLET, LOOSE SET CAST IRON SECONDARY STRAINER, NO HUB, ACID RESISTING EPOXY COATED FINISH.				ZURN-566-GT-AR	JR SMITH WADE WATTS
FWH-1	FREEZEPROOF WALL HYDRANT ENCASED	FREEZEPROOF ENCASED WALL HYDRANT, CAST NICKEL BRONZE BOX, SELF-DRAINING, ANTI-SIPHON, REPLACEABLE SEAT, ONE-PIECE VALVE ASSEMBLY, CHROME PLATED BRASS OPERATING SCREW, 3/4" SOLID BRASS ROD				ZURN Z-1300	JR SMITH WADE WATTS
GI-1	GREASE INTERCEPTOR LARGE CAPACITY	CLASS I/II CONCRETE WITH DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNIT IS OF MONOLITHIC CONSTRUCTION AT FLOOR, FIRST STAGE OF WALL AND BAFFLE WITH SECTIONAL RISER TO REQUIRED DEPTH. GRADE 60 REINFORCED STEEL REBAR.				PARK GT-1500	
LV-1	LAVATORY COUNTER ADA	VITREOUS CHINA, COUNTER TOP, 20 X 18 OVAL BOWL, SELF RIMMING, FRONT OVERFLOW, 4" O.C. FAUCET HOLES, FAUCET LEDGE, LEVER HANDLE FAUCET OVERFLOW, 4" O.C. FAUCET HOLES, FAUCET LEDGE, LEVER HANDLE FAUCET.	ZURN -81103	McGUIRE 165	TRUEBRO MODEL 102 TRAP WRAP KIT	AMERICAN STANDARD AQUALYN 0476.029	KOHLER ELJER
MS-1	MOP SINK	TERRAZZO COMPOSED OF PEARL GRAY MARBLE CHIPS SET IN WHITE PORTLAND CEMENT, CAST INTEGRAL BRASS BODY DRAIN WITH FLAT STAINLESS STEEL STRAINER, ONE PIECE STAINLESS STEEL SHOULDER CAP, 24" X 24" X 12" DEEP	AMERICAN STANDARD 8345.110			FIAT TSBC6010	AMERICAN STANDARD FLORESTONE
SH-1	SHOWER TRIM ONLY ADA	PRESSURE BALANCING MIXING VALVE, ADJUSTABLE STOP SCREW, SINGLE BRONZE STEM, STAINLESS STEEL HOUSING, COPPER NICKEL CHROME PLATED TRIM HAND HELD SPRAYER, IN-LINE VACUUM BREAKER, STAINLEE STEEL HOSE, SLIDE BAR NOTE: 1ST FLOOR AL & MC UNITS SHOWERS TO BE TILED. FIAT RP6036B75B SHOWER PANS FOR AL "A" UNITS ONLY, AQUATIC F6034DPAN SHOWER PAN FOR ALL OTHER 2ND FLOOR AL UNITS				SYMMONS TEMPTROL 2000 25-300-830-V	LEONARD POWERS
SK-1	SINK SINGLE BOWL 15x15x6 DEEP	18 GAUGE STAINLESS STEEL SINGLE COMPARTMENT COUNTER TOP SINK, SELF-RIMMING, HAND BLENDED SATIN FINISH, 3-1/2" DRAIN OPENING, SINGLE HOLE PUNCH, HEAVY DUY SOUND COATED UNDERSIDE,	ZURN Z-831A1 LEVER HANDLES			ELKAY BLR-15	JUST KOHLER AMERICAN STANDARD
SK-3	SINK DOUBLE BOWL 22x33 OVERALL	18 GAUGE STAINLESS STEEL SINGLE COMPARTMENT COUNTER TOP SINK, SELF-RIMMING, HAND BLENDED SATIN FINISH, 3-1/2" DRAIN OPENING, 3 HOLE PUNCH, 8" O.C. HEAVY DUY SOUND COATED UNDERSIDE,	ZURN Z-82300-CP8 SWING SPOUT			ELKAY LR-3322	JUST KOHLER AMERICAN STANDARD
SK-2	SINK WALL HUNG ADA	VITREOUS CHINA WALL HUNG, FRONT OVERFLOW, D-SHAPED BOWL, CONCEALED ARM SUPPORTS, 4" OC FAUCET HOLES, FAUCET LEDGE, SELF DRAIN DECK AREA CONTOURED SIDE AND BACK SPLASH SHIELDS, LEVER HANDLE FAUCET.	ZURN -81101	McGUIRE 165	TRUEBRO MODEL 102 TRAP WRAP KIT	AMERICAN STANDARD LUCERNE 0355.012	KOHLER ELJER
TD-1	TRENCH DRAIN	12 INCH WIDE PRESLOPED TRENCH DRAINAGE SYSTEM, 1/4" POLYPROPELENE, PROVIDE LINT RAP				H-M COMPANY DRAIN TROUGH	JR SMITH POLYCAST WADE
TMV-1	THERMOSTATIC MIXING VALVE POINT-OF-USE	SCREWDRIVER ADJUSTMENT TO ADJUST TEMPERATURE MAX 100 DEG F, STEM THERMOMETER ON INLET, VOLUME CONTROL, SHUT OFF VALVE ON OUTLET, CHECK VALVE ON INLETS, STRAINER STOP CHECKS ON INLETS. ASSE 1070 RATED.				SYMMONS "MAXLINE" 5-225-CK-MS" 2 GPM @ 10 PSI	LAWLER POWERS LEONARD
TP-1	TRAP PRIMER	AUTOMATIC TRAP PRIMER, ALL BRONZE BODY WITH INTEGRAL VACUUM BREAKER, NON-LIMING INTERNAL OPERATING ASSEMBLY WITH GASKETED BRONZE COVER 1/2 INCH IP FEMALE, SERVES 1 TO 4 FLOOR DRAINS				PPP INC. OREGON #1	JR SMITH MIFAB ZURN
UR-1	URINAL WALL HUNG, ADA	VITREOUS CHINA WALL HUNG, REAR OUTLET, TOP SPUD, FLUSHING RIM, LOW CONSUMPTION, WASHOUT FLUSH ACTION EXTENDED PRIVACY SHIELDS, 2 INCH OUTLET CONNECTION, WALL HANGERS, MEETS ANSI FLUSH REQUIREMENTS-ADA COMPLIANT	SLOAN ROYAL 186-1 FLUSH VALVE			AMERICAN STANDARD WASHBROOK 6501.010	ELJER KOHLER
WC-1	WATER CLOSET FLOOR MOUNT TANK TYPE	VITREOUS CHINA, TWO-PIECE, FLOOR MOUNT, TANK TYPE,17" HIGH ELONGATED BOWL SIPHON JET ACTION, CLOSE COUPLED TANK, 3 BOLT SYSTEM, FULLY GLAZED 2" TRAPWAY 1.6 GAL PER FLUSH, POLISHED CHROME TRIP LEVER, 12" ROUGH IN-ADA COMPLIANT			OLOSNITE 96 WHITE PLASTIC SEAT	AMERICAN STANDARD CADET 2377.100	ELJER KOHLER
WC-2	WATER CLOSET FLOOR MOUNT TANK TYPE-ADA	VITREOUS CHINA, TWO-PIECE, FLOOR MOUNT, TANK TYPE,17" HIGH ELONGATED BOWL SIPHON JET ACTION, CLOSE COUPLED TANK, 3 BOLT SYSTEM, FULLY GLAZED 2" TRAPWAY 1.6 GAL PER FLUSH, POLISHED CHROME TRIP LEVER, 12" ROUGH IN-ADA COMPLIANT			OLOSNITE 96 WHITE PLASTIC SEAT	AMERICAN STANDARD CADET 2377.100	ELJER KOHLER
WCO	WALL CLEANOUT	DURA-COATED CAST IRON BODY WITH GAS AND WATER TIGHT ABS TAPERED THREAD PLUG, ROUND SMOOTH, STAINLESS STEEL ACCESS COVER WITH SECURING VANDAL PROOF SCREW, NO HUB CONNECTION				ZURN ZB-1441-VP	JR SMITH WADE
WB-1	WALL BOX	G90 HOT DIPPED GALVANIZED STEEL, 20 GAUGE BOX AND FACEPLATE				GUY GRAY B200	
WB-2	WALL BOX	G90 HOT DIPPED GALVANIZED STEEL, 20 GAUGE BOX AND FACEPLATE				GUY GRAY BIM875QTSAB	
CS-1	CLINICAL SINK	VITREOUS CHINA, FLUSHING RIM, SIPHON JET FLUSHING SACTION, 1 1/2" TOP SPUD, 4" FLOOR OUTLET,	SLOAN ROYAL 117 HYVO W/ 25 MM OFF SET			AMERICAN STANDARD 9604.010	
KS-1	KITCHEN SINK	18 GAUGE STAINLESS STEEL SINGLE COMPARTMENT COUNTER TOP SINK, SELF-RIMMING, HAND BLENDED SATIN FINISH, 3-1/2" DRAIN OPENING, 3 HOLE PUNCH, 8" O.C. HEAVY DUY SOUND COATED UNDERSIDE,	ZURN Z-831A1 LEVER HANDLES			ELKAY LRAD172060	
BSB-1	BLACK SHAMPOO BOWL	TILTING SHAMPOO BOWL, 23"Wx21"Dx9"H, FLEXIBLE DRAIN HOSE, ABS PLASTIC, 3 1/2" DRAIN, W/ #570 SINGLE HANDLE FAUCET, SPRAY HOSE, VACUUM BREAKER, DRAIN ASSEMBLY, FIXED & FLEXIBLE TAIL-STOCK				COLLINS CB28 TILTING SHAMPOO BOWL	
RD-1 & OD-1	ROOF DRAIN WITH OVERFLOW DRAIN	COATED CAST IRON COMBINATION ROOF DRAIN AND OVERFLOW DRAIN WITH CAST IRON DOME, TWO WEJLOC NON-PUNCTURING CLAMP RINGS WITH INTEGRAL GRAVEL STOPS, INTEGRAL CAST IRON STANDPIPE IN CAST IRON DECK FLANGE AND DUAL NO-HUB OUTLETS				JOSAM 22104	
DS-1	DOWNSPOUT	CAST BRONZE DOWNSPOUT NOZZLE, LOOSE WALL FLANGE AND INLET TREADED CONNECTION				JOSAM 25013 - 3" JOSAM 25014 - 4"	

SPECIALTIES SCHEDULE

TAG	FIXTURE	DESCRIPTION	REFERENCE PRODUCT	ACCEPTABLE EQUALS
EXT-1	EXPANSION TANK 5 GALLON	SHELL FABRICATED STEEL TO MEET ASME SECT VIII DIV 1 DIAPHRAGM BLADDER RATED AT 125 PSIG OPTIONAL 150 PSIG OPERATING TEMPERATURE 240 F MAX	TACO	JR SMITH WADE WATTS

CONTRACTOR NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD AND TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.

BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEMS AND DEVICES AS REQUIRED BY STATE, LOCAL AND FEDERAL CODES WHETHER INDICATED OR NOT ON CONTRACT DOCUMENTS. THE SUBMISSIONS OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES/REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION AND CODE/REQUIREMENTS REVIEW BEEN MADE, WILL NOT BE ALLOWED.

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These plans have been properly examined by the undersigned. I have determined that they comply with existing local Louisiana codes, and have been properly site adapted to use in this area.

STATE OF LOUISIANA
ROBERT R. RANDOLPH
License No. 39319
PROFESSIONAL ENGINEER

WATERSTONE AT BATON ROUGE
ASSISTED LIVING & MEMORY CARE
SIEGEN LANE
BATON ROUGE, LA 70810

ISSUE:
PERMIT SET

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REVISIONS:

DATE:
03/31/2016

PROJECT NUMBER:
PES 15090

SHEET TITLE:
PLUMBING SCHEDULES

SHEET:
P6.1

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