3 NTS WATER METER DETAIL

NTS

2 NTS TWO WAY CLEAN OUT DETAIL

NTS

1 NTS WATER HEATER DETAIL

NTS

4 NTS CONDENSATE & WATER HEATER SAFETY PAN DISCHARGE TERMINATION DETAIL

PLUMBING FIXTURE SCHEDULE (OR EQUAL)

MARK	FIXTURE	WASTE	TRAP	VENT	COLD WATER	HOT WATER	MANUFACTURER /MODEL #	DESCRIPTION
WC-1	WATER CLOSET	3"	INTEG	2"	1/2"	–	WESTERN POTTERY #8251	"BOLINA" FLOOR MOUNTED TANK TYPE, 1.28 GALLONS PER FLUSH, HIGH EFFICIENCY LOW WATER CONSUMPTION, WHITE VITREOUS CHINA, ELONGATED, PROVIDE ANGLE STOP, SUPPLY TUBE & ESCUTCHEONS. SOLID PLASTIC, CLOSED FRONT, SEAT WITH COVER.
L-1	LAVATORY	1-1/2"	1-1/4"	1-1/2"	1/2"	1/2"	SEASONS SE10002 ASPEN #411844	OVAL, VITREOUS CHINA, 20"X17", SELF RIMMING WITH FRONT OVERFLOW. 'BRADSHIRE' CENTERSET SINGLE CONTROL LAVATORY CHROME PLATED FAUCET & POP UP WASTE. PROVIDE BRASSCRAFT ANGLE STOP SUPPLIES W/SUPPLY TUBES AND ESCUTCHEONS, 1.2 GPM.
S-1	SINK	2"	1-1/2"	1-1/2"	1/2"	1/2"	ELKAY LR3321PD ESSEN #120098 BRASS CRAFT #CR1912DL	STAINLESS STEEL DOUBLE BOWL TOP MOUNT SINK, SELF RIMMING, 18 GAUGE S.S. OVERALL SIZE: 33" x 24-1/2" x 7-7/8". SINGLE HANDLE KITCHEN FAUCET, 1.5 GPM, BRUSHED NICKEL FINISH, WITH SPRAY. PROVIDE ANGLE STOPS. SUPPLY TUBES & ESCUTCHEONS. ROUGH BRASS STOPS, PLASTIC ESCUTCHEONS, SUPPLIES, TRAPS, & DISPOSAL WASTE. PROVIDE LEVER HANDLE FAUCETS. GARBAGE DISPOSAL: INSINKERATOR BADGER 5XP, GALVANIZED STEEL, 3/4 H.P., 120V-1PH, QUIET DURADRIVE INDUCTION MOTOR.
DW	DISHWASHER	5/8"	–	–	–	1/2"	BY OTHERS	REFER TO ARCHITECTURAL DRAWINGS FOR SELECTION.
BT-1	BATHTUB	1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	AQUATIC 6036CTM	5'-0" x 3'-0" COMPOSITE TUB WITH SLIP RESISTANT FLOOR. SYMMONS S-4702-X-LR TEMPTROL PRESSURE BALANCING MIXING VALVE, ESCUTCHEON, 2.0 GPM SHOWER HEAD, LEVER HANDLE, TUB FILLER.
WCO-1	WALL CLEAN-OUT	SIZE/ SEE DWG.	–	–	–	–	ZURN Z1446 OR EQUAL	CAST IRON CLEAN-OUT TEE, DURA COATED BODY, GAS AND WATERTIGHT ABS TAPERED THREAD PLUG AND ROUND, SMOOTH STAINLESS STEEL WALL ACCESS COVER WITH SECURING SCREW.
FCO-1	FLOOR CLEAN-OUT	SIZE/ SEE DWG.	–	–	–	–	JOSAM 57000-31 OR EQUAL	PVC CLEAN-OUT WITH 2-WAY CLEAN-OUT TEE, COUNTER SUNK PLUG (MOUNTED IN FLUSH 12"x12"x4" CONCRETE PAD.)
TPV-1	TRAP PRIMER VALVE	–	–	–	1/2"	–	PRECISION PLUMBING PRODUCTS PR-500 OR EQUAL	PROVIDE FULLY ACCESSIBLE SHUT OFF VALVE TO EACH PRIMER VALVE.
WHA-1	WATER HAMMER ARRESTOR	–	–	–	–	–	SIOUX CHIEF #650 SERIES OR EQUAL	SIZE PER MANUFACTURER'S RECOMMENDATIONS. PDI CERTIFIED. WHA-1: SIZE "A" WHA-2: SIZE "B" REFER TO RISER DIAGRAMS FOR ARRESTOR LOCATIONS. REFER TO SPECIFICATION FOR SELECTION METHOD.
HB-1	HOSE BIBB	–	–	–	1/2"	–	WOODFORD #79 OR EQUAL	BRASS, CHROME PLATED, WALL MOUNTED FOR NON-FREEZING AREAS, 2-5/8" DEEP TO FIT IN STANDARD 2" x 4" FRAMED WALLS, VACUUM BREAKER, LOOSE KEY OPERATOR.
WB-1	WASHER BOX	2"	2"	–	1/2"	1/2"	OATEY #38933 OR EQUAL	VALVE 36"AFF. HIGH IMPACT PLASTIC BOX W/ DIMENSION OF 9" HIGH x 10 3/4" WIDE. PROVIDE 1/2" FIP INLET x 1/4" OD OUTLET COMPRESSION ANGLE VALVE. SUPPLY CONNECTION SIZE SHALL BE 1/2" OD.
IMB-1	ICE MAKER BOX	–	–	–	1/2"	–	OATEY #38486	¼" TURN BRASS BALL VALVE,COPPER SWEAT, 1 HOUR FIRE RATED
RD-1	ROOF DRAIN	SIZE/ SEE DWG.	–	–	–	–	ZURN ZC-121-C	12" DIAMETER ROOF DRAIN, DURA-COATED CAST IRON BODY WITH COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD AND LOW SILHOUETTE GALVANIZED CAST IRON DOME, UNDERDECK CLAMP.

NOTES:

1. ALL PLUMBING FIXTURES SHALL BE SUPPLIED WITH WATTS "FLOODSAFE" AUTO-SHUT OFF CONNECTOR TYPE SUPPLY RISERS WITH BRAIDED STAINLESS STEEL CONNECTORS. THIS SHALL INCLUDE ALL FAUCETS, AND TOILETS.
2. PROVIDE FULLY ACCESSIBLE WATER HAMMER ARRESTORS ON ALL DISHWASHERS, ICE MAKER BOXES, AND WASHER BOX WATER SUPPLIES.

ELECTRIC WATER HEATER SCHEDULE

UNIT #	TYPE	GALLONS	INPUT KW	EFF. RATING	GPH REC. @ 90°F RISE	VOLT/PHASE CURRENT DRAW (PER PHASE)	WEIGHT (LBS.)	DIMENSIONS	MANUFACTURER		
									MANUFACTURER	MODEL #	
EWH-1	ELECTRIC	40	4.5	.95	21	208V – 1ø	508	60-½" H x 20"ø	AO SMITH	PXHT-40	

NOTES:

1. PROVIDE WITH EXPANSION VALVE, T & P VALVE AND WATER HEATER DRAIN PAN.
2. COORDINATE WATER HEATER LOCATION AND PIPING WITH MECHANICAL AND ELECTRICAL PLANS.

ADAM J. BARNEY LICENSE No. 69124 STATE OF FLORIDA PROFESSIONAL ENGINEER

Adam Barney
Jan 17 2018 3:17 PM

PERMIT REVIEW STAMP

ISSUE HISTORY

No.	Date	Description
1	1/18/2018	ISSUE FOR PERMIT

REVISION HISTORY

No.	Date	Description

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SUMMER BAY APTS. II

LAKE COUNTY, FL

Drawn:	MJR/KCM
Checked:	BLS/AJB
Approval:	BLS/AJB
Date:	11/10/2017
Project #:	5389

SCHEDULES PLUMBING

P5.01

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