HYDRO-PNEUMATIC WATER PRESSURE GAUGE (TYP) TO SYSTEM -OUTLET MANIFOLD ISOLATING VALVE DOMESTIC WATER SERVICE FROM STREET -- INLET MANIFOLD

7 BOOSTER PUMP DIAGRAM
SCALE: NONE

WALL

- 1/4"/FT MIN SLOPE

- VENT RISE ABOVE BOTTOM OF FIXTURE

LOW POINT OF VENT

DOWNSTREAM OF

FIXTURE DRAIN

CONNECTS TO DRAIN

>— WYE

k-----

FLOOR -

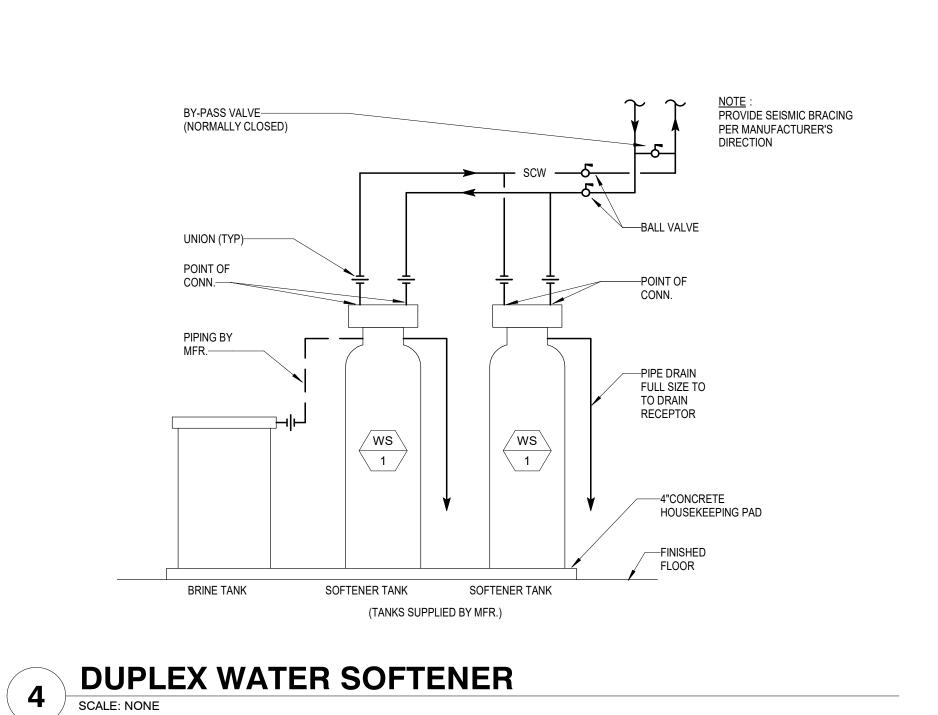
THE DRAIN SHALL SERVE NO

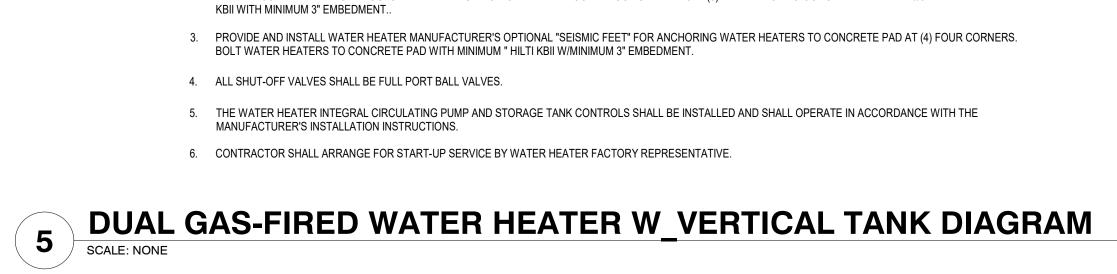
RETURN VENT CONNECTION.

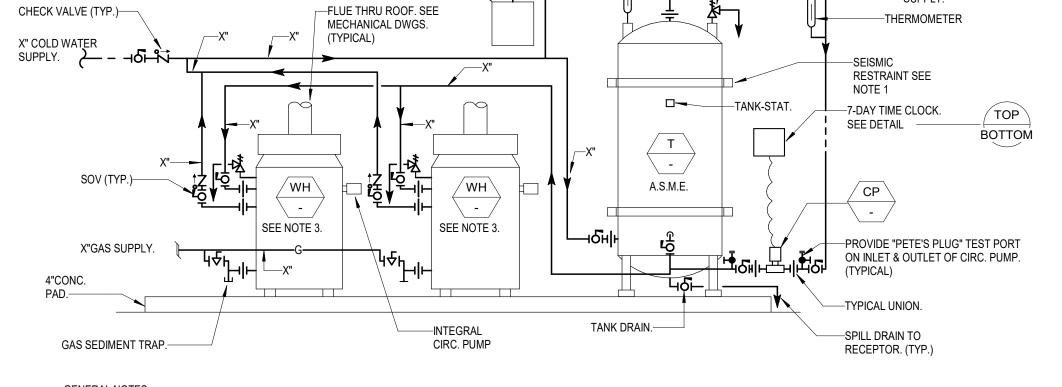
8 ISLAND SINK DETAIL
SCALE: NTS

OTHER FIXTURES UNTIL

DOWNSTREAM OF THE







CONTRACTOR INSTALLED CLA-VAL 136-01/03

- PRESSURE

BOOSTER

 LEVEL SENSING TRANSDUCER

CONTRACTOR INSTALLED WIRING

VENT FOR AIR GAP, CONTRACTOR TO

PROVIDE INVERTED VENT WITH NO. 14 MESH SCREEN DOWNTURNED A MINIMUM OF 2" BELOW ANY OPENING

> SHUT-OFF SWITCH

CONTRACTOR INSTALLED OVERFLOW

CORRODIBLE NO. 4 MESH SCREEN —

PIPING SCREENED WITH NON-

HIGH LEVEL OVERFLOW

BOOSTER SUCTION —

CONNECTION

WATER

SOFTENER

CONNECTION

BUILDING SUPPLY

CONNECTION

PRESSURE

BOOSTER CONTROL

6 DOMESTIC WATER BREAK TANK
SCALE: NONE

- CONTRACTOR INSTALLED WIRING

SOLENOID OPERATED FILL VALVE,

─ CONTRACTOR INSTALLED PIPING

SURFACE PENETRATIONS

GLASS

 INSPECTION ACCESS OPENING AT A MINIMUM OF 4" ABOVE THE TANK SURFACE. LID DESIGNED WITH LOCK. SHOEBOX TYPE LID ON ACCESS OPENING WITH 2" OVERHANG AROUND FRAME, GASKET, & NO

> PROVIDE AIR GAP WITH INLET DISCHARGES 12 INCHES ABOVE

OVERFLOW OUTLET

- ATMOSPHERIC

BREAK TANK

TANK DRAIN

VALVE

TEMP. & PRESS. RELIEF VALVE & FULL SIZE DRAIN.

X"HOT WATER RETURN.

X"HOT WATER

PIPE DRAIN TO RECEPTOR.

GENERAL NOTES: 1. INSTALLATION SHALL BE IN ACCORDANCE WITH WATER HEATER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

2. PROVIDE AND INSTALL 20 GA. X 1-1/4 PROVIDE AND INSTALL 20 GA. X 1 " WIDE GALVANIZED SHEET METAL STRAPS AT UPPER AND LOWER 1/3 OF THE TANK. SECURE STRAPS TO STRUCTURAL STEEL STUDS OR OTHER WALL CONSTRUCTION AND BOLT (3) THREE LEGS TO CONCRETE PAD WITH 5/8" HILTI

2 HW CIRCULATION PUMP WIRING W AQUASTAT SCALE: NONE

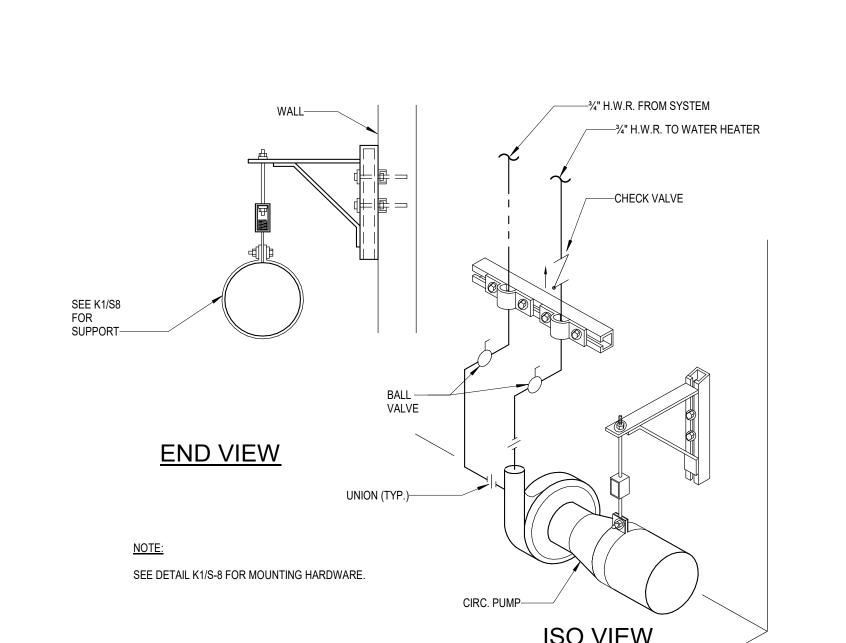
OVERFLOW DRAIN THRU EXTERIOR WALL
SCALE: NONE

120V/1 PH/60HZ

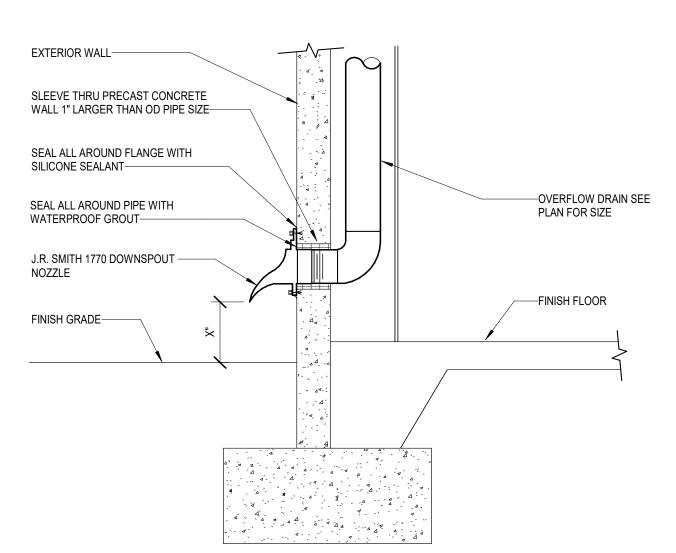
DISCONNECT SWITCH BY ELECTRICAL

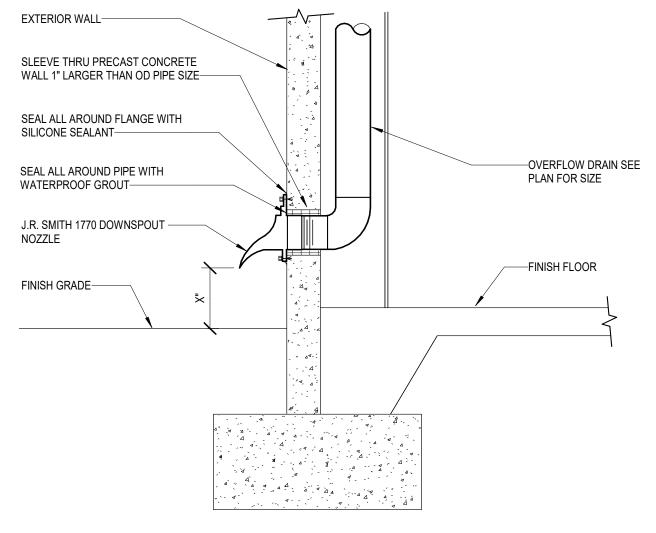
LINE VOLTAGE WIRING &

CONDUIT BY ELECTRICAL——









RETURN TEMP. SETTING FOR COMMERCIAL

CONTROLLER SETTINGS TO TURN OFF AT

—AQUASTAT CONTROLLER. EQUAL TO: "PENN"

TO TURN CP OFF AT 115DEG. F. RETURN

PLUMBING CONTRACTOR.

---PROVIDE TEE IN

—HW CIRCULATING PUMP.

PROVIDED & INSTALLED BY

PLUMBING CONTRACTOR.

1. THE HOT WATER RETURN SYSTEM IS DESIGNED TO PROVIDE A 10 DEG. F. TEMPERATURE DIFFERENTIAL FROM THE HOT WATER STORAGE

2. THE HOT WATER RETURN SYSTEM SHALL BE BALANCED IN ACCORDANCE WITH THE REQUIREMENTS PROVIDED IN THE DRAWINGS.

TANK OUTLET OR MIXING VALVE TO THE INLET SIDE OF THE HOT WATER RETURN PUMP. REFER TO DRAWING AND SPECIFICATIONS FOR

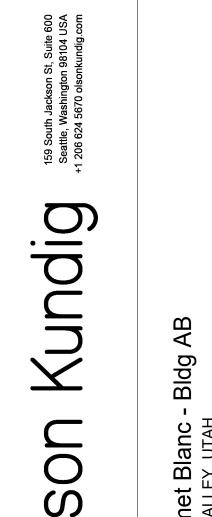
TEMPERATURE. PROVIDED & INSTALLED BY

A19ABC-11 WITH IMMERSION WELL, BRASSSPUD

& ADJUSTABLE DIFFERENTIAL (6-24DEG. F). SET

120DEG. F.

KITCHEN DESIGN MUST BE 120DEG. F. ADJUST



Reserved for permit stamp

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Seattle, WA 98154 principal architect _____ project manager_ checked by <u>GM</u> job no. 2021-0595 date 5/17/2024

2 5/05/2023 PERMIT COMMENT RESPONSE 1 10/05/2022 PERMIT RESUBMITTAL no. date

IFC Set 2 of 3 5/17/2024

DETAILS P6.03