SYMBOL _ ତ⊮--G/ -SAN-SAN-++++ 뒴 GAS METER VENT PIPING ABOVE OR BELOW GRADE (V) VALVE IN RISE TEST COCK WYE & 1/8TH BEND BRANCH CONNECTION BRANCH CONNECTION OUT OF SIDE BRANCH CONNECTION OUT OF BOTTOM BRANCH CONNECTION OUT OF TOP TWO-WAY CLEANOUT (PROVIDE 18"x24"x4" CONCRETE PAD OUTSIDE) EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD (ECO) FLOOR CLEANOUT (FCO) CLEANOUT (WALL OR CEILING) (CO) CAP ON END OF PIPE PIPING UP -OR- PIPING UP & DOWN RISE OR DROP PIPING PIPING DOWN ECCENTRIC REDUCER REDUCER OR INCREASER Y-STRAINER HORIZONTAL SWING CHECK GAS PLUG VALVE (GPV) BUTTERFLY VALVE BALL VALVE (BV) BALANCING VALVE (BV) FLOW DIRECTIONAL ARROW GAS VENT PIPING (GV) TRAP PRIMER LINE (TP) HOT WATER PIPING (HW) COLD WATER PIPING (CW) GREASE WASTE PIPING (GW)
GREASE WASTE PIPING BELOW GRADE (GW) SANITARY OR WASTE PIPING BELOW GRADE (SAN) SANITARY OR WASTE PIPING ABOVE GRADE (SAN) DESCRIPTION GAS PRESSURE REGULATOR THERMOMETER HOSE BIBB WYE BRANCH CONNECTION PRESSURE REDUCING VALVE (PRV) REDUCED PRESSURE BACKFLOW PREVENTER (RPZ) SOLENOID VALVE (SV) SHUT-OFF VALVE NATURAL GAS PIPING (G) TEMPERED WATER (TW) HOT WATER RETURN PIPING (HWR) WALL HYDRANT PRESSURE GAUGE WITH COCK

PLUMBING

LEGEND

GAS METER AND REGULATOR 2080 CFH @ 4 OZ -EXISTING EXISTING GAS SERVICE BY LOCAL GAS COMPANY 3" (2080CFH) GRADE _3" (2,080CFH) STOVE (100CFH) (3/4") STOVE (100CFH) (3/4") 1-1/2" MANIFOLD STOVE (100CFH) (3/4") STOVE (100CFH) (3/4") 1-1/2"(500 CFH) GAS PIPING SIZED -2-1/2" (1,205CFH) MANUAL VALVE

GAS SOLENOID

VALVE STOVE (100CFH) (3/4") ON A MAXIMUM DEVELOPED LENGTH OF NATURAL SCALE: NONE -2" (705CFH) GAS MANUAL VALVE

SAS SOLENOID

VALVE 1-1/2"(590 CFH) 100 LINEAL FEET (115 CFH) RISER 1-1/2" MANIFOLD STOVE FRYER (100CFH) (110CFH) (3/4") (3/4") 1" (115 CFH) RTU-2 (115 CFH) GRIDDLE (140CFH) (1") **+** _2" (875CFH) GRIDDLE (70CFH) (3/4") 1" (115 CFH) GRIDDLE (70CFH) (3/4") **+** RTU-2 (115 CFH) 1-1/4" (380 ⁻²" (760CFH) <u>TWH-2</u> (380 CFH) CFH) 2"(760CFH)-<u>TWH-1</u> (380 CFH) 1-1/4" (380 CFH)

01/25/12 ISSUED FOR PERMIT 02/16/12 ISSUE FOR BID

NORITZ

Model NC380-SV-ASME Commercial Water Heater Specification Sheet

tandard Input-gas co Boloco BTUh

Compact Design - ANSI Z21.10.3/CSA 4.3 certified design that can be wall-mounted indoors or installed outdoors using optional Vent Cap teat Exchanger - manufactured 15% thicker piping than standard

SHOCK ABSORBER WITH ACCESS PANEL

MAINTAIN MINIMUM 10'-0" DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES.

COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST ARCHITECTURAL DRAWINGS, SPECIFICATIONS, AND WANUFACTURER RECOMMENDATIONS PRIOR TO ANY ROUGH-INS.

CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

ACCESS PANEL FOR TRAP PRIMER ACCESS PANEL LOCATION SYMBOL

FLOOR DRAIN WITH P-TRAP AT 45' ANGLE (FD)

HUB DRAIN (HD)

FLOOR DRAIN WITH P-TRAP (FD)

FLOOR DRAIN (FD)

PRIOR TO BEGINNING CONSTRUCTION, COORDINATE PLUMBING BACKFLOW PREVENTION REQUIREMENTS WITH THE LOCAL CODE AUTHORITY AND PROVIDE AS DIRECTED.

INVERT ELEVATIONS LISTED ARE APPROXIMATE. PRIOR TO CONSTRUCTION, COORDINATE FINAL INVERT ELEVATIONS OF BUILDING SANITARY OUTFALLS AND SITE PIPING WITH SITE UTILITY CONTRACTOR. MAKE ADJUSTMENTS AS REQUIRED TO ENSURE PROPER CONNECTIONS TO SITE UTILITIES.

CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND UTILITIES, AND OTHER SUB-SURFACE BUILDING ELEMENTS.

3 WITH) ELECTRICAL

FLOOR SINK (FS)

REFER TO KEYED NOTE

ANGLE VALVE

VACUUM RELIEF VALVE

ASME TEMPERATURE & PRESSURE RELIEF VALVE

REFER TO ARCHITECTURAL/CIVIL DRAWINGS FOR BUILDING FINISHED FLOOR ELEVATION.

REFER TO CIVIL DRAWINGS FOR SIZE AND LOCATION OF DOMESTIC WATER METER ON SITE.

FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, DIRECTION OF FLOW, CAPACITY, PIPE MATERIAL AND CONDITION OF EXISTING SITE DOMESTIC WATER AND SANITARY WASTE PIPING PRIOR TO BEGINNING CONSTRUCTION TO ENSURE THAT PROPER CONNECTIONS TO AND EXTENSION OF SUCH UTILITIES CAN BE MADE.

REFER TO CIVIL DRAWINGS FOR CONTINUATION OF DOMESTIC WATER AND SANITARY WASTE UTILITIES.

PLUMBING

GENERAL

NOTES

Z m

EXISTING

AIR CHAMBER

MAY APPLY TO THIS PROJECT

RISER FLAG

DELTA CHANGE SYMBOL

UPON COMPLETION OF WORK, THOROUGHLY ROD OUT AND FLUSH PIPING TO ENSURE IT IS FREE FROM BLOCKAGES.

ALL SANITARY

ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE AND INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.

CONTRACTOR TO COORDINATE ALL WORK WITH THE WORK OF OTHER TRADES TO AVOID CONFLICTS AND TO MINIMIZE INTERRUPTION OF SERVICES.

1/16TH OF AN INCH SLOPE

QUARTER OF AN INCH SLOPE 1/8TH OF AN INCH SLOPE

INVERT ELEVATION

CONNECT NEW TO EXISTING

=

DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.

12.

Model

NC380 - SV - ASME

Accessories

Vent Capp (#WC-132)

Isolator Valives (#W-WV-9)

Pipe Cover (#PC-45-5US)

Quick Connect Cond (#QC-1)

System Controller

| 6-unit (#SC-201-8M)

| 12-unit (#SC-201-24M)

Marina ...

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HARRELI

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Maharaja Bhog

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11078 SHEET NAME PROJECT NUMBER PLUMBING GAS RISER