

GAS RISER

NTS

MAX DEVELOPED LENGTH @ 2 PSI = 250 FEET
SIZING PER TABLE 402.4(18), 402.4(X) & 402.4(X)

MAX DEVELOPED LENGTH @ 0.5 PSI = 10 FEET
SIZING PER TABLE 402.4(15)

TOTAL GAS CONSUMPTION	
ITEM	BTUH
OVEN STEAMER (101)	98,000
RANGE (103)	182,000
GAS TILTING BRAISING PAN (104)	90,000
(4) TANKLESS WATER HEATERS	799,600
GENERATOR	4,548,325
TOTAL	= 5,717,925

NOTES:

- 1) INSTALLATION OF ALL GAS PIPING SHALL BE PER F.B.C. FUEL GAS 2014 (GAS PIPING STANDARD)
- 2) REFER TO RISER FOR PIPE MATERIALS
- 3) PRESSURE TEST GAS PIPING FOR LEAKS PRIOR TO CONNECTING GAS SUPPLY.
- 4) PLEASE VERIFY MANUFACTURERS REQUIREMENTS FOR BTU DEMAND, MINIMUM AND MAXIMUM GAS PRESSURE LIMITS AT EQUIPMENT. PRESSURE REGULATOR IF REQUIRED MUST BE APPROVED BY EQUIPMENT MANUFACTURER.
- 5) VERIFY LOCATION OF EQUIPMENT PRIOR TO INSTALLATION.
- 6) ALL CONDUITS ENCASING GAS PIPE BELOW SLAB SHALL BE VENTED MINIMUM 6" ABOVE GRADE AND SHALL BE INSTALLED SO AS TO PREVENT THE ENTRY OF WATER & INSECTS.
- 7) GAS PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE #14 GAUGE COPPER (AGAVE WIRE) CAPABLE OF DETECTION BY A CABLE LOCATOR AND SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE. USE FGG/EM COMPATIBLE DUCT TAPE AS NECESSARY TO HOLD WIRE DIRECTLY ON THE TOP OF THE PIPE.
- 8) PE PIPE INSTALLED BELOW HARD SURFACE MUST BE SLEEVED AND VENTED.

PERMIT / BID SET: 09/07/16



700 WEST HILLSBORO BLVD. - BLDG. #1, SUITE 204
DEERFIELD BEACH, FLORIDA 33441
TEL: (561) 391-9292 FAX: (561) 391-9898
CERTIFICATE OF AUTHORIZATION NO. 28107
LIRELLA IARFATE, P.E. LICENSE #73122
STEPHEN F. ROLLIN, P.E. LICENSE #36428
DONALD H. AUSTIN, JR., PE LICENSE #60651
JASON BARBER, P.E. LICENSE #73050
E-MAIL: INFO@FAECONSULTING.COM
DESIGNED BY: BJ/SKJS PM: BJ P/N 15434

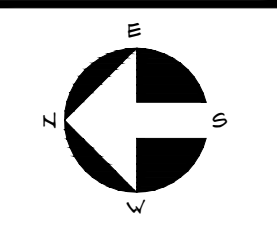
PRIOR TO SUBMITTING THE BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND SHALL INCLUDE IN THE BID TO CORRECT THE SAME AS DIRECTED. THE ENGINEER AND THE ARCHITECT, ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER CONTRACT HAS BEEN AWARDED. NO CHANGES SHALL BE MADE TO THESE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD. ALL CHANGES SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION. NOT FOR BID UNTIL PERMIT HAS BEEN ISSUED.

New Building For:
OPPORTUNITY INC.
 EARLY LEARNING CENTER
 4171 Westgate Avenue
 Palm Beach County, Florida

THESE DRAWINGS ARE FOR THE EXCLUSIVE USE OF GLIDDEN SPINA + PARTNERS, INC. AND MAY NOT BE DUPLICATED, REPRODUCED OR USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF GLIDDEN SPINA + PARTNERS, INC. ALL RIGHTS RESERVED.

Revisions:

Project no: 15435
Date: 09.09.16
Drawn by: RB/SKJS
Project Architect: BJ



P4.3

09.09.16 BID/PERMIT

