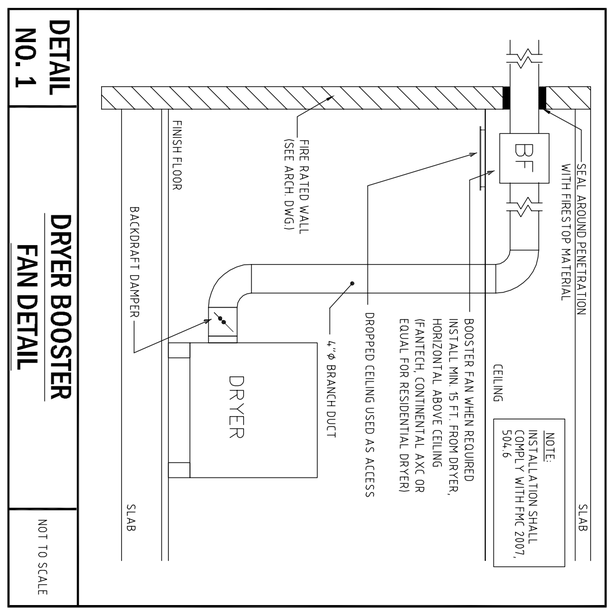
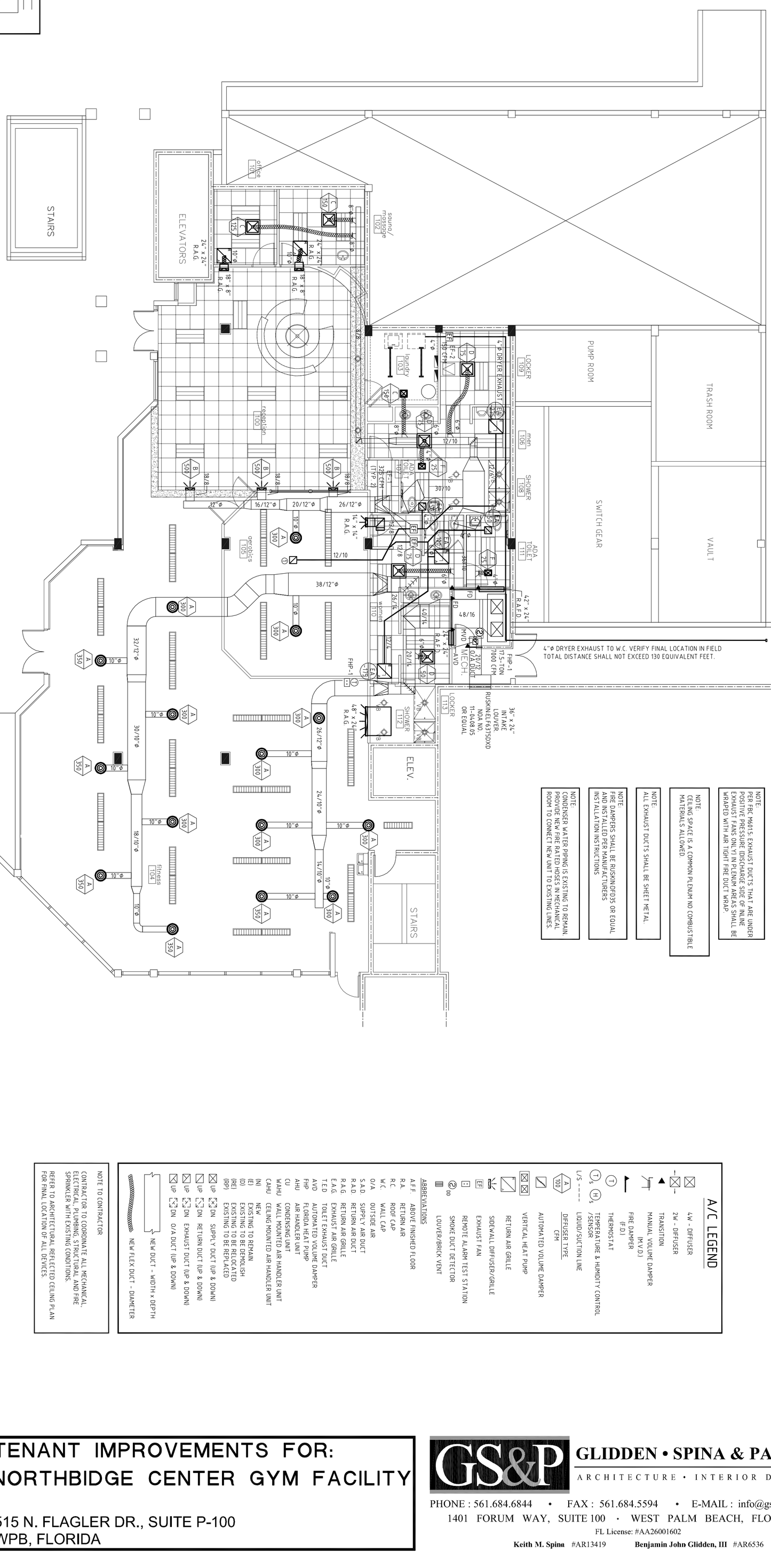


DETAIL NO. 1

DRYER BOOSTER FAN DETAIL

NOT TO SCALE



NOTE:
PER FBC M6015 EXHAUST DUCTS THAT ARE UNDER POSITIVE PRESSURE (DISCHARGE SIDE OF INLINE EXHAUST FANS ONLY) IN PLENUM AREAS SHALL BE WRAPED WITH AIR TIGHT FIRE DUCT WRAP.

NOTE
CEILING SPACE IS A COMMON PLENUM NO COMBUSTIBLE MATERIALS ALLOWED.

NOTE:
ALL EXHAUST DUCTS SHALL BE SHEET METAL.

NOTE:
FIRE DAMPERS SHALL BE RUSKIN:DFD35 OR EQUAL AND INSTALLED PER MANUFACTURERS INSTALLATION INSTRUCTIONS

NOTE
CONDENSER WATER PIPING IS EXISTING TO REMAIN. PROVIDE NEW FIRE RATED HOSES IN MECHANICAL ROOM TO CONNECT NEW UNIT TO EXISTING LINES.

A/C LEGEND

- 4W - DIFFUSER
- 2W - DIFFUSER
- TRANSITION
- MANUAL VOLUME DAMPER (M.V.D.)
- FIRE DAMPER (F.D.)
- THERMOSTAT
- TEMPERATURE & HUMIDITY CONTROL /SENSOR
- L/S ---- LIQUID/SUCTION LINE
- DIFFUSER TYPE CFM
- AUTOMATED VOLUME DAMPER
- VERTICAL HEAT PUMP
- RETURN AIR GRILLE
- SIDEWALL DIFFUSER/GRILLE
- EXHAUST FAN
- REMOTE ALARM TEST STATION
- SMOKE DUCT DETECTOR
- LOUVER/BRICK VENT

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
R.A.	RETURN AIR
R.C.	ROOF CAP
W.C.	WALL CAP
O/A	OUTSIDE AIR
S.A.D.	SUPPLY AIR DUCT
R.A.D.	RETURN AIR DUCT
R.A.G.	RETURN AIR GRILLE
E.A.G.	EXHAUST AIR GRILLE
T.E.D.	TOILET EXHAUST DUCT
AVD	AUTOMATED VOLUME DAMPER
FHP	FLORIDA HEAT PUMP
AHU	AIR HANDLER UNIT
CU	CONDENSING UNIT
WAHU	WALL MOUNTED AIR HANDLER UNIT
CAHU	CEILING MOUNTED AIR HANDLER UNIT
(N)	NEW
(E)	EXISTING TO REMAIN
(D)	EXISTING TO BE DEMOLISH
(RE)	EXISTING TO BE RELOCATED
(RP)	EXISTING TO BE REPLACED

- UP / DN SUPPLY DUCT (UP & DOWN)
- UP / DN RETURN DUCT (UP & DOWN)
- UP / DN EXHAUST DUCT (UP & DOWN)
- UP / DN O/A DUCT (UP & DOWN)
- NEW DUCT - WIDTH x DEPTH
- NEW FLEX DUCT - DIAMETER

NOTE TO CONTRACTOR

CONTRACTOR TO COORDINATE ALL MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL AND FIRE SPRINKLER WITH EXISTING CONDITIONS.

REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR FINAL LOCATION OF ALL DEVICES.

KEY NOTES:

① EXISTING EXHAUST DUCT TO BUILDING EXTERIOR. VERIFY EXACT LOCATION IN FIELD.

DUCTWORK NOTES:

- ALL EXPOSED SUPPLY DUCTWORK SHALL BE DOUBLE WALL, INTERNALLY INSULATED, OBLONG DUCTWORK (MIN 1" INSULATION - R-4.1)
- ALL SUPPLY AND RETURN DUCTWORK ABOVE CEILINGS SHALL BE MINIMUM R-4.1 FIBERGLASS DUCTWORK
- ALL EXHAUST AND OUTSIDE AIR DUCTWORK SHALL BE SHEET METAL.

PERMIT SET: 02/14/12

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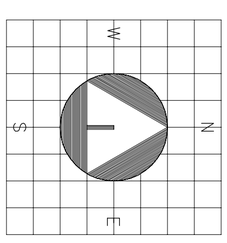
PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED. THE ENGINEER AND THE ARCHITECT, ARE 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.

1 MECHANICAL PLAN

SCALE: 1/8" = 1'-0"

0 X' X' X' X'

SCALE: 1/8" = 1'-0"



M1.1

sheet title: MECHANICAL PLAN
file name: 11436_M1.1(2).DWG

project no: 11436
date: 02/14/12
drawn by: AN/CI/AS
checked by: UI

revisions:

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