



1 MECHANICAL PLAN
M1 SCALE: 1/4" = 1'-0"

NOTE: ALL EXPOSED SUPPLY AIR DUCTWORK MUST BE SPIRAL. ALL EXPOSED SPIRAL SHALL BE INSTALLED AS HIGH AS POSSIBLE. COORDINATE ROUTING IN FIELD WITH OTHER TRADES PRIOR TO INSTALLATION. CONTACT ARCH. IF THERE ARE ANY FIELD DISCREPANCIES AND CONFLICTS.

DRAWING CODED NOTES

- EXISTING GAS HEAT ROOFTOP UNIT TO BE REUSED - SEE SCHEDULE FOR AIR BALANCE AND REFURBISHING REQUIREMENTS. VERIFY EXISTING R.A. SMOKE DETECTOR, PROVIDE NEW IF REQUIRED. VERIFY EXACT LOCATION ON SITE.
- EXISTING ELEC/ELEC ROOFTOP UNIT TO BE REUSED - SEE SCHEDULE FOR AIR BALANCE AND REFURBISHING REQUIREMENTS. VERIFY EXACT LOCATION ON SITE.
- FURNISH AND INSTALL THREE NEW TOILET EXHAUST FANS EF-1. CONNECT WITH 6" RIGID DUCT W/ BACKDRAFT DAMPERS.
- FURNISH AND INSTALL NEW UTILITY ROOM EXHAUST FAN EF-2. SUPPORT FROM STRUCTURE ABOVE. CONNECT WITH 8" RIGID DUCT W/ BACKDRAFT DAMPER.
- EXISTING THERMOSTAT TO BE RELOCATED AS SHOWN (TYP OF 3) - VERIFY LOCATION ON SITE.
- ROUTE NEW FULL SIZE RETURN AIR DUCT DROP FROM EXISTING RETURN AIR ROOF CURB OPENING AND PROVIDE 90° FULL SIZE ELBOW AND TERMINATE AS HIGH AS POSSIBLE (TRANSITION AS REQUIRED) COVER OPEN END OF RETURN DUCT WITH 1/2" MESH HARDWARE CLOTH IN REMOVABLE METAL FRAME. BOTTOM OF RETURN AIR DUCT DROP SHALL TERMINATE AS HIGH AS POSSIBLE.
- ROUTE FULL SIZE SUPPLY AIR DUCT DROP DOWN FROM EXISTING SUPPLY AIR ROOF CURB OPENING AND TRANSITION INTO DUCTWORK AS SHOWN ON PLAN. VERIFY ROUTING, SIZE AND LOCATION ON SITE. BOTTOM OF SUPPLY AIR DUCT DROP SHALL TERMINATE AS HIGH AS POSSIBLE.
- MOUNT RETURN AIR TRANSFER GRILLE ON WALL AS HIGH AS POSSIBLE. ROUTE RETURN AIR TRANSFER DUCT FROM WALL MOUNTED GRILLE DN TO 24"x12" CEILING MOUNTED GRILLE. TRANSITION AS REQUIRED. COORDINATE LOCATION OF GRILLE IN FIELD WITH OTHER TRADES PRIOR TO INSTALLATION.
- ROUTE 14" DIA E.A. DUCT UP THRU ROOF AND TERMINATE IN A GOOSENECK W/ BIRD SCREEN 24" ABOVE ROOF. LOCATE A MINIMUM OF 10'-0" FROM O.A. INTAKES. VERIFY ROUTING AND LOCATION ON SITE.
- FLEX. DUCT 5'-0" MAX. LENGTH.
- VOLUME DAMPER AND SPIN-IN. TYPICAL FOR ALL.
- TENANT CONTRACTOR SHALL COORDINATE INSTALLATION OF DUCT DROP TO DIFFUSER LOCATED IN LAY-IN CEILING IN A MANNER TO LIMIT FLEX DUCT TO A MAXIMUM OF 1'-0". FLEX DUCT SHALL NOT BE VISIBLE FROM OPEN AREAS WITHIN TENANT SPACE.

MECHANICAL NOTES

- ALL EQUIPMENT, INSTALLATION AND MATERIALS SHALL COMPLY WITH ALL APPLICABLE LANDLORD CRITERIA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING, PRIOR TO FINAL BID, ALL EXISTING STUB-INS, TAPS, ETC. FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN TENANT SPACE.
- NO FIBERGLASS DUCT BOARD ALLOWED.
- BRANCH DUCT RUN OUTS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO THE LANDLORD'S BASE SYSTEMS. COORDINATE ALL SYSTEMS IN THE FIELD.
- VERIFY LOCATION OF ANY PENETRATION OF ROOF WITH LANDLORD. ALL ROOF PENETRATIONS, PATCHING AND FLASHING SHALL BE BY LANDLORD APPROVED ROOFING CONTRACTOR AT TENANT CONTRACTOR'S EXPENSE.
- PVC PIPING IS PROHIBITED.
- ALL FIRE PROTECTION AND SPRINKLER WORK SHALL BE PERFORMED BY LANDLORD-APPROVED FIRE PROTECTION CONTRACTOR AT THE TENANT'S EXPENSE.
- CONTRACTOR SHALL SUBMIT AIR BALANCE REPORT INCLUDING ALL ASSOCIATED AIR TEMPERATURES AND PRESSURES AS APPLICABLE. SEND TWO COPIES TO OWNER FOR APPROVAL.
- EXPOSED DUCTWORK SHALL BE STANDARD SPIRAL ROUND GALVANIZED SHEET METAL DUCTWORK 24 GAUGE UP TO 30", 22 GAUGE - 32" TO 50". ALL EXPOSED SPIRAL DUCTWORK SHALL BE INSTALLED AS HIGH AS POSSIBLE. COORDINATE ROUTING IN FIELD WITH OTHER TRADES PRIOR TO INSTALLATION. CONTACT ARCH. IF THERE ARE ANY FIELD DISCREPANCIES AND CONFLICTS.

CONSULTANT:



DUNHAM

Dunham Associates, Inc.

50 South Sixth Street / Suite 1100
Minneapolis, Minnesota 55402-1540

PHONE 612.465.7550

FAX 612.465.7551

WEB dunhameng.com

**mechanical + electrical
consulting engineering**

COA # CA 2352 PE EXPIRATION - 6/30/16

CLIENT:



ANYTIME FITNESS, LLC
12181 MARGO AVE SOUTH
HASTINGS, MN 55033
PHONE: (651) 438-5000

PROJECT INFORMATION:

**ANYTIME
FITNESS**
CROSS CREEK CENTER
3601 W MAIN ST, SUITE 145
DURANT, OK 74701

SEAL:



PROJECT NO.: 0416740-037

DRAWN BY: JCB

CHECKED BY: GMS

ISSUE: DATE:

PERMIT SET 03-09-16

REVISION: DATE:

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PROJECT LOCATION:

DURANT, OK

SHEET NUMBER / TITLE:

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