

ANTHONY CASSATA ARCHITECT

2883 BUCKFIELD SUITE 1040 K BIRCHWOOD, CT 06052 (312) 726-6245 (312) 726-6123

dd's DISCOUNTS

OWNER:

ROSS STORES

5130 HACIENDA DRIVE DUBLIN, CA 94568

PROJECT:

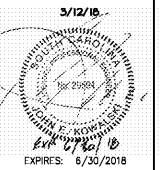
dd's DISCOUNTS STORE #5352 (GREENVILLE, SC)

WHITE HORSE PLAZA 6119 WHITE HORSE ROAD GREENVILLE, SC 29611

BASED ON DD'S 22K TURKEY - EXISTING PROTOTYPE DATED MARCH, 2018

DRAWING TITLE: MECHANICAL SYMBOLS

REV. NO. DATE DESCRIPTION 02/02/18 FOR REVIEW 03/12/18 ROSS MARK-UPS



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PFDA JOB: #16027

SCALE AS NOTED

DRAWN BY: CHECKED BY:

SHEET NUMBER

M3.0

MECHANICAL SPECIFICATIONS

- GENERAL
1. ALL NEW WORK AND MATERIALS SHALL CONFORM TO: CITY OF GREENVILLE, SC.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND INSPECTIONS AND PAYING THEIR ASSOCIATED FEES.
3. CONTRACTORS SHALL SUBMIT COMPLETE COORDINATED FLOOR PLAN SHOP DRAWINGS OF HIS PROPOSED WORK...

- EQUIPMENT
1. ALL ROOFTOP UNITS FOR TENANT SHALL BE PROVIDED THROUGH ROSS' NATIONAL ACCOUNT AND PROVIDED WITH TENANT'S STANDARD ACCESSORIES.
2. ROOFTOP UNIT THERMOSTATS TO BE BY AC MANUFACTURER. MECHANICAL CONTRACTOR TO MOUNT AND WIRE REMOTE SENSORS AND THERMOSTATS.
3. LOW VOLTAGE WIRING SHALL BE U/L LISTED AND FLEEMAN RATE (LOW SMOKE PRODUCING) WIRING SHALL BE CONCEALED IN WALLS AND MAY BE INSTALLED WITHOUT CONDUIT ABOVE ACCESSIBLE LAY-IN CEILING SPACES ONLY.

- MECHANICAL CONTRACTOR SHALL PROVIDE AN EQUIPMENT OPERATIONAL CHECK AFTER THE HVAC INSTALLATION AND STARTUP IS COMPLETED PER MANUFACTURER INSTRUCTIONS.
17. LEANIX NATIONAL ACCOUNTS WILL PROMPT THE COMMUNICATION FOR AN EOC, WHICH WILL BE SCHEDULED IN COORDINATION WITH THE MECHANICAL CONTRACTOR.
18. PRIOR TO SCHEDULING THE EOC, THE HVAC SUBCONTRACTOR SHALL VERIFY THAT THE SHIPPING BLDGS HAVE BEEN READED, ALL OF THE AIR CONDITIONING UNITS ARE OPERATIONAL, DUCTWORK, GAS PIPING, CONDENSATE PIPING, POWER WIRING AND CONTROL WIRING HAVE BEEN INSTALLED.

- IDENTIFICATION
1. PROVIDE PLASTIC TAGS ON ALL NEW EQUIPMENT.
2. PROVIDE A PLASTIC NAMEPLATE ON ELECTRICAL PANELS AND FUSE SWITCH TO IDENTIFY NEW EQUIPMENT SERIALIZED.
3. LABEL ALL ROOFTOP UNITS WITH TENANT STANDARDS.
4. ALL GAS PIPING SHALL BE CLEARLY LABELED.
5. PAINT ALL GAS PIPING PER SPECIFICATION, THIS SHEET.

- SHEET METAL DUCTWORK
1. ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE GALVANIZED SHEET METAL WITH SEALED JOINTS CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH CURRENT SMACNA MANUAL AND ASHRAE RECOMMENDATIONS.
2. ALL ROUND CONCEALED FLEXIBLE DUCT SHALL BE INFERMOLD OR THERMOFLEX FACTORY INSULATED 1" THICK MAXIMUM OF 5'-0" LONG TO DIFFUSERS/REGISTERS.
3. UNLESS A HIGHER LEVEL IS REQUIRED BY CODE, DUCTWORK INSULATION SHALL BE 1" THICK ONE POUND DENSITY FIBERGLASS INSULATION WITH A WIPER BARRIER JACKET. SUPPLY AND RETURN DUCTS WITHIN 15' OF HVAC UNITS SHALL HAVE 1" INTERIOR ACOUSTIC INSULATION.

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GENERAL NOTES - ALL CONTRACTORS

- 1. ALL WORK SHOWN ON DRAWINGS SHALL BE CONSIDERED NEW AND IN CONTRACT UNLESS SPECIFICALLY INDICATED OTHERWISE.
2. THE SEQUENCE FOR THE INSTALLATION OF ALL WORK SHALL BE COORDINATED BETWEEN ALL CONTRACTORS ON THE PROJECT AND IN STRICT ACCORDANCE WITH ENGINEER AND OWNER'S SCHEDULE AS DIRECTED.
3. CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL CORING, CUTTING, PATCHING, REPAIRING, REFINISHING AND REPAIR/REPLACEMENT OF NEW BUILDING CONSTRUCTION ALREADY IN PLACE AS REQUIRED TO ACCOMMODATE THE INSTALLATION OF THEIR WORK...

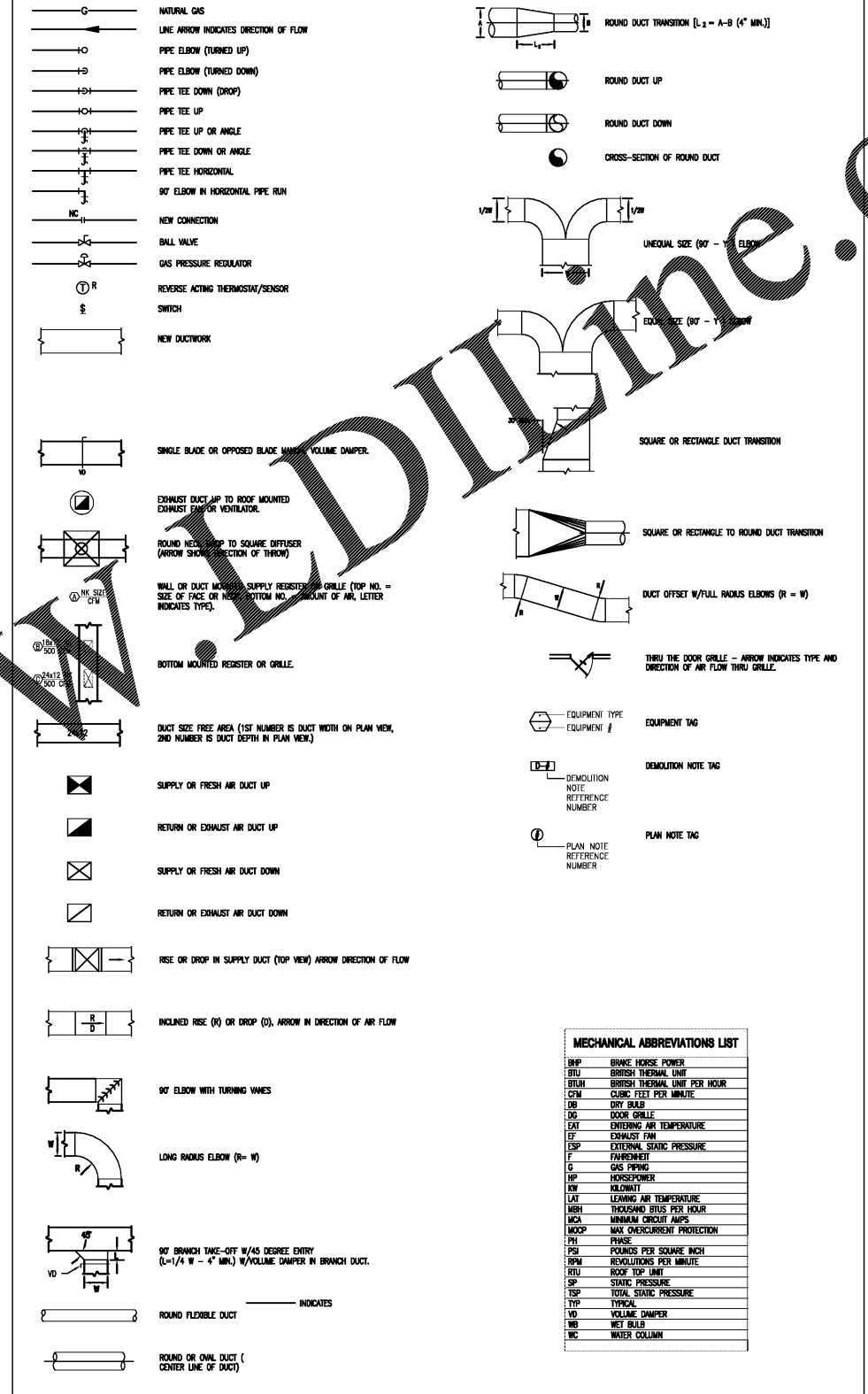
- 14. IT IS MANDATORY THAT THE COMPLETE EXISTING BUILDING REMAIN IN CONTINUOUS AND UNINTERRUPTED OPERATION DURING REMODELING/ALTERING OF SAID EXISTING BUILDING. THE SPECIFIC AREAS TO BE REMODELED/ALTERED AT ANY SCHEDULED TIME ARE EXPLICITLY EXCLUDED OF THIS DRAWING.
15. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS BEFORE SUBMITTING THEIR BIDS TO FAMILIARIZE THEMSELVES WITH THE EXISTING GENERAL CONDITIONS, WORK, CEILING HEIGHTS AND CLEARANCE FOR INSTALLING THEIR WORK.
16. ANY ITEMS THAT THE OWNER WANTS TO REMAIN SHALL BE REMOVED FULLY SO AS NOT TO DAMAGE THEM. ALL CITY ORDINANCES TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE.

GAS PIPING IDENTIFICATION SPECIFICATIONS

- 1. PAINT AND LABEL ALL NATURAL GAS PIPING.
2. CLEANING SOLVENT SHALL BE A NON-FLY SOLVENT EQUAL TO STODDARD SOLVENT OR H-FLASH COAL TAR NAPHTHA. ONLY USE SOLVENTS RECOMMENDED BY PRIMER COATING MANUFACTURER.
3. PRIMER COATING MATERIAL SHALL BE ALUMINUM ZINC CHROMATE OR ALATO RED LEADED STEEL PRIMER.
4. FINISH COATING MATERIAL SHALL BE ACRYLIC ALKAT PAINT AS SPECIFIED IN STEEL STRUCTURES (SSPS) 101\_04T, TYPE 1, LEADING.

Table with 3 columns: SERVICE, COLOR, LETTERING. NATURAL GAS, YELLOW, WHITE.

MECHANICAL (HVAC) SYMBOLS AND ABBREVIATIONS



MECHANICAL ABBREVIATIONS LIST table with columns for symbol and description, including BHP, BTU, BTU/LH, CFM, etc.

ORIGINAL