

MECHANICAL GENERAL NOTES

- COORDINATE ALL WORK INDICATED WITH ALL OTHER TRADES INVOLVED IN THIS PROJECT. AS NECESSARY, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY DIMENSIONS, WORKING CLEARANCES, AND THE WORKING ARRANGEMENT OF EQUIPMENT, AS WELL AS THE LOCATIONS OF THE EQUIPMENT, AND ASSOCIATED DUCTWORK, PIPING, ETC., AND TO COORDINATE THE INSTALLATION ACCORDINGLY.
- CONTRACTOR SHALL PROVIDE ALL HVAC UNITS, EXHAUST FANS, SENSORS, CONTROLS, AND ALL OTHER DEVICES AND EQUIPMENT FOR COMPLETE OPERATION. CONTRACTOR SHALL GUARANTEE UNLESS SPECIFICALLY NOTED AS FURNISHED BY OTHERS. ALL EQUIPMENT USED ON THIS PROJECT IS TO BE UL LISTED AND BEAR THE UL 710 LISTED LABEL.
- HVAC WORK SHALL INCLUDE FURNISHING (EXCEPT WHERE NOTED), INSTALLING, AND TESTING ALL HVAC SYSTEMS FOR A COMPLETE, FULLY OPERATIONAL, AND CODE COMPLIANT INSTALLATION INCLUDING, BUT NOT LIMITED TO:
 - MANUFACTURER'S STANDARD ROOF CURBS OR AS SPECIFIED,
 - ROOF OPENINGS,
 - COPPER CONDENSATE DRAINS WITH MINIMUM 3" TRAP DEPTH (U.N.O.) AND PROPER SLOPE, GAS PIPING SUPPORTED EVERY 10 FEET, AND OTHER PIPING AND FITTINGS,
 - DUCTWORK, TURNING VANES, SPLITTERS, DAMPERS, SPIN-INS, ETC. IN ACCORDANCE WITH SMACNA STANDARDS FOR LOCATION, THICKNESS, AND CONSTRUCTION,
 - DIFFUSERS, REGISTERS AND GRILLES,
 - LINE SETS, AUXILIARY DRAIN PANS AND PIPING, AND FRESH AIR INTAKE FOR EACH AIR HANDLER IN SPLIT SYSTEMS (IF USED),
 - CONTROLS, SENSORS, AND LOW VOLTAGE WIRING (E.G. 8-STRAND, 18 AWG, NON-SHIELDED CABLE),
 - SHIMS AND MISCELLANEOUS STEEL FOR LEVEL INSTALLATION AND PROPER CONDENSATE DRAINAGE,
 - SMOKE DETECTORS IN SUPPLY DUCTS AS REQUIRED BY LOCAL CODE OFFICIALS,
 - WEATHER-PROOF ROOF AND WALL PENETRATIONS FOR COPPER PIPING, MAKE-UP AIR, PADS.
- CONTRACTOR SHALL RETAIN REGISTERED STRUCTURAL ENGINEER TO VERIFY PLACEMENT AND SUPPORT OF ROOFTOP AIR CONDITIONING UNITS, EXHAUST FANS, CONDENSING UNITS, AND ALL OTHER ROOF SUPPORTED EQUIPMENT PRIOR TO FABRICATION OF DUCTWORK, UNLESS SEALED STRUCTURAL DRAWINGS ARE PROVIDED WITH PLANS. IF EQUIPMENT QUANTITY, SIZE, OR LOCATION ARE CHANGED FROM SEALED DESIGN, STRUCTURAL DRAWINGS SHALL BE RE-SUBMITTED TO STRUCTURAL ENGINEER-OF-RECORD FOR APPROVAL OR RE-DESIGN. CONTRACTOR SHALL PROVIDE MISCELLANEOUS STRUCTURAL STEEL SUPPORT FOR ROOFTOP, SUSPENDED, AND WALL-MOUNTED EQUIPMENT AND COORDINATE FINAL LOCATIONS OF EQUIPMENT WITH EXISTING CONDITIONS, E.G. JOIST LOCATIONS, AND WITH LANDLORD WHERE REQUIRED. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, SEALED BY THE STRUCTURAL ENGINEER, FOR EQUIPMENT SUPPORT.
- SUBMITTALS AND SUBSTITUTIONS: THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE ENGINEER FOR ALL EQUIPMENT, DEVICES, AND PIPING COMPONENTS INTENDED TO BE PROVIDED FOR THIS PROJECT. ALL SUBSTITUTIONS FOR EQUIPMENT AND MATERIALS OTHER THAN WHAT IS SPECIFIED SHALL BE SUBMITTED FOR REVIEW PRIOR TO PURCHASE AND/OR INSTALLATION.
- UNLESS OTHERWISE SPECIFIED, ALL REQUIRED CUTTING AND PATCHING OF FLOORS, WALLS, PARTITIONS AND OTHER MATERIALS IN THE BUILDING SHALL BE INCLUDED IN THE SCOPE. THE CONTRACTOR SHALL RESTORE THESE AREAS TO ORIGINAL CONDITION UPON COMPLETION. ALL PENETRATIONS OF WALLS, CEILINGS, OR FLOORS SHALL BE CORE-DRILLED, SLEEVED, AND SEALED TO COMPLY WITH RESPECTIVE BUILDING CODE REQUIREMENTS. ALL PENETRATIONS THROUGH FIRE RATED WALL SHALL COMPLY WITH UL LISTED SLEEVE ASSEMBLY REQUIREMENTS.
- THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACES AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER ON THE INTERIOR OR THE EXTERIOR.
- ALL CONSTRUCTION DEBRIS TO BE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIC EQUIPMENT AND APPARATUS REQUESTED BY THE BUILDING REPRESENTATIVE. ARCHITECT OR AS NOTED TO BE RELOCATED ON THE DRAWINGS SHALL BE PROPERLY DISPOSED OF BY THIS CONTRACTOR.
- DUCTWORK IS SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS/HER PRICE FOR ROUTING OF DUCTWORK TO AVOID OBSTRUCTIONS. EXACT LOCATIONS ARE SUBJECT TO APPROVAL OF ARCHITECT. COORDINATION WITH OTHER TRADES IS REQUIRED.
- ALL DUCT SIZES SHOWN ARE INSIDE. FREE AREA DIMENSIONS REQUIRED FOR PROPER AIRFLOW, UNLESS SPECIFICALLY INDICATED, ALL DUCT TRANSITIONS SHALL BE SMOOTH AND GRADUAL WITH MAXIMUM DIVERGENT ANGLE OF 15°.
- SUPPORT ALL DUCTWORK FROM BUILDING STRUCTURE AND/OR FRAMING IN AN APPROVED MANNER. WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING OR SUPPORTS FOR EQUIPMENT, FURNISH ADDITIONAL FRAMING. INSTALL DUCTWORK AS HIGH AND TIGHT TO THE STRUCTURE AS POSSIBLE.
- PROVIDE VOLUME DAMPER AT CONNECTION OF DIFFUSER BRANCH INCLUDING THOSE CONNECTING TO THE BOTTOM OF MAIN TRUNK.
- PROVIDE TURNING VANES IN ALL ELBOWS IN SUPPLY AIR DUCT.
- ALL FLEXIBLE DUCTWORK SHALL BE STRETCHED AND SUSPENDED IN ACCORDANCE WITH LOCAL CODE. SUPPORT EVERY 3' WITH 2" WIDE GALVANIZED STEEL BANDS (MAX. SAG 1/2" BETWEEN SUPPORTS). MAX. LENGTH OF DUCT SHALL BE EIGHT (8) FEET.
- CONTRACTOR SHALL COVER ALL HVAC UNITS, ALL RELATED DISTRIBUTION EQUIPMENT AND ALL DUCT OPENINGS DURING STORAGE AT CONSTRUCTION SITE AND AT THE TIME OF ROUGH INSTALLATION UNTIL FINAL STARTUP TO PREVENT DIRT, DEBRIS, CONSTRUCTION DUST, AND MOISTURE FROM ENTERING.
- CONTRACTOR SHALL NOT OPERATE A/C UNITS WITHOUT CONSTRUCTION FILTERS IN PLACE. REPLACE ALL FILTERS AFTER CONSTRUCTION AND BEFORE REQUESTING FINAL PAYMENT WITH MINIMUM MERV 8 FILTERS.
- REMOVABLE ACCESS TILE AND/OR ACCESS DOOR ARE REQUIRED IN HUNG CEILINGS, SHAFTS AND WALLS FOR ALL VOLUME AND FIRE DAMPERS, AUTOMATIC DAMPERS AND ALL OTHER MECHANICAL EQUIPMENT AND DEVICES. HVAC CONTRACTOR TO FURNISH ACCESS LOCATION REQUIREMENTS TO GENERAL CONTRACTOR. ACCESS TILE IDENTIFICATION: PROVIDE BUTTONS, TABS, AND MARKERS TO IDENTIFY LOCATION OF CONCEALED DAMPERS AND EQUIPMENT.
- CONTRACTOR SHALL PROVIDE CURBS/SEALS, FLASHING, EXPANSION DUCTS, WEATHER CUPS, ETC. FOR ALL EXTERIOR MOUNTED EQUIPMENT AND PENETRATIONS TO MAKE WEATHER PROOF AND WATER-TIGHT. COORDINATE WITH PENETRATIONS FOR ELECTRICAL SERVICE TO MOTORIZED EQUIPMENT. COMPLY WITH THE OWNER/LANDLORD AND THE OWNER'S/LANDLORD'S ROOFING CONTRACTOR TO MAINTAIN ROOF WARRANTY.
- CONTRACTOR SHALL PROVIDE THERMOSTATS AND REMOTE SENSORS FOR NEW COOLING AND HEATING EQUIPMENT. DO NOT INSTALL THERMOSTATS OR SENSORS CLOSE TO HEAT AND/OR STEAM PRODUCING APPLIANCES.
- CONTRACTOR SHALL INSULATE SUPPLY DIFFUSERS IN THE PLENUM SIDE TO PREVENT CONDENSATION OR PROVIDE INSULATED SUPPLY DIFFUSERS.
- PAINT ALL SUPPLY AND RETURN AIR DEVICES AS REQUIRED BY THE OWNER.
- ALL DUCTWORK SHALL BE SEALED FOR SEAL CLASS B AND LEAK TESTED AT THE RATED PRESSURE.
- THIS MECHANICAL CONTRACTOR SHALL TIE BACK, TO BAR JOISTS, ALL DIFFUSERS REQUIRED BY LOCAL GOVERNING CODES.
- FIRE DAMPERS MUST BE INSTALLED AT ALL LOCATIONS WHERE DUCT PENETRATES FIRE RATED WALL. FIRE DAMPERS SHALL BE APPROVED BY THE AGENCIES HAVING JURISDICTION.
- PROVIDE MINIMUM 6" WIDE FLEXIBLE CONNECTOR FOR VIBRATION ISOLATION TO CONNECT DUCTS TO ROTATING EQUIPMENT INCLUDING AIR HANDLING UNITS, FAN COIL UNITS, FANS, ROOF TOP UNITS, AND WHERE INDICATED ON THE DRAWINGS.
- CONTRACTOR SHALL NOT LOCATE ANY OUTSIDE AIR INTAKE OR MAKE-UP AIR INTAKE WITHIN TEN (10) FEET OF ANY EXHAUST OUTLET OR VENT DISCHARGE.
- CONTRACTOR SHALL FURNISH EQUIPMENT DISCONNECTS WHERE THEY ARE NOT FURNISHED BY EQUIPMENT MANUFACTURER. CONTRACTOR SHALL INSTALL ALL DISCONNECTS AND MAKE FINAL CONNECTION.
- SEAL OPENINGS AROUND DUCTS AND PIPING THROUGH PARTITIONS, WALLS AND FLOORS (NOT IN SHAFTS) WITH MINERAL WOOL OR OTHER NONCOMBUSTIBLE MATERIAL.
- CONTRACTOR SHALL PERFORM TESTING, ADJUSTING AND BALANCING (T.A.B.) OF ALL AIR SYSTEMS. CONTRACTOR SHALL ALSO PERFORM TESTING OF ALL CHILLER AND CONDENSER WATER SYSTEMS (WHERE SHOWN OR SPECIFIED). USE A.A.B.C. OR N.E.B.B. CERTIFIED TECHNICIANS AND PROVIDE A WRITTEN REPORT OF RESULTS TO OWNER PRIOR TO REQUEST FOR FINAL PAYMENT. TAB CONTRACTOR SHALL SUBMIT TO THE OWNER (6) COPIES OF A WRITTEN REPORT WITHIN 10 DAYS AFTER THE TESTING IS COMPLETE.
- CONTRACTOR SHALL DEVELOP AND MAINTAIN A SET OF RED-LINED "AS BUILT" DRAWINGS AT THE PROJECT CONSTRUCTION SITE AND MAKE THEM AVAILABLE TO THE ARCHITECT/ENGINEER UPON REQUEST. RED-LINED DRAWINGS MUST BE KEPT CURRENT AND REFLECT ALL VISUAL ASPECTS OF THE INSTALLATION THAT DEVIATE FROM CONSTRUCTION DESIGN DRAWINGS. RED-LINED DRAWINGS SHALL INCLUDE ALL PUNCH-LIST ITEMS AND TESTING, AND SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AT THE COMPLETION OF THE PROJECT.

MECHANICAL GENERAL NOTES (CONT.)

- UPON COMPLETION OF WORK, PRIOR TO APPLYING FOR FINAL PAYMENT, THOROUGHLY CLEAN ALL EXPOSED PORTIONS OF MECHANICAL EQUIPMENT, AND TOUCH UP PAINT WHERE NECESSARY. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR CLEANING.
- CONTRACTOR SHALL INCLUDE AND GUARANTEE FULL MAINTENANCE AND EMERGENCY SERVICE CALLS AGAINST DEFECTIVE MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE OF FACILITY ON ALL FURNISHED EQUIPMENT AND DEVICES. CONTRACTOR'S INSTALLATION AND ON ALL INSPECTED AND REUSED PIPING, EQUIPMENT, AND DEVICES. THIS SHALL INCLUDE COST OF LABOR AND MATERIALS REQUIRED FOR REPLACEMENT OF DEFECTIVE PARTS OR IMPROPER WORKMANSHIP TO INSURE CONTINUOUS OPERATION OF ALL SYSTEMS.
- REFER TO ARCHITECT'S SPECIFICATIONS AND NOTES FOR CUTTING, TRENCHING, AND PATCHING, PAINT ALL DUCTS, AND DEVICES EXPOSED TO PUBLIC PER ARCHITECTURAL PLANS OR TO MATCH ADJACENT BUILDING SURFACE, UNLESS NOTED OTHERWISE, OR IF REQUIRED BY CODE.
- THE TERM "PROVIDE" SHALL BE UNDERSTOOD TO MEAN FURNISH, INSPECT, INSTALL, CHARGE (AS WITH REFRIGERANT UNITS ETC.), CONNECT, ADJUST, BALANCE, TEST, AND WARRANT TO INSURE THAT EQUIPMENT OR DEVICE IS FULLY FUNCTIONAL.
- CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE FULLY LICENSED WITH STATE AND MUNICIPALITY WHERE REQUIRED AND SHALL BE EXPERIENCED IN ALL AREAS OF THEIR WORK. CONTRACTORS SHALL BE FAMILIAR WITH LOCAL CODES AND REQUIREMENTS AFFECTING THEIR WORK.
- WHERE A DISCREPANCY MAY EXIST BETWEEN WHAT IS SHOWN ON THE PLANS AND WHAT IS DESCRIBED BY NOTE OR SPECIFICATION, THE CONTRACTOR SHALL PROVIDE THE GREATER QUANTITY, THE BETTER QUALITY, THE MOST STRINGENT, AND GREATER COST ITEMS OR REQUEST CLARIFICATION FROM ARCHITECT PRIOR TO SUBMITTING FINAL BID.
- MATERIALS USED IN AIR PLENUMS, DUCTS, AIR HANDLING EQUIPMENT, AND WHERE REQUIRED BY A H.J. SHALL HAVE A MAXIMUM FLAME SPREAD OF 25 AND SMOKE DEVELOPMENT OF 50 AS TESTED IN ACCORDANCE WITH ASTM E84 AND UL723. DO NOT USE PVC IN RETURN AIR PLENUMS. USE ONLY PLENUM RATED MATERIALS IN RETURN AIR PLENUMS AND REQUIRED SPACES.
- MATERIALS SHALL BE NEW AND BEAR UNDERWRITER'S LABORATORIES (U.L.O. LABEL) WHERE SUCH STANDARDS HAVE BEEN ESTABLISHED.
- CONTRACTOR SHALL PAY FOR AND OBTAIN ALL PERMITS REQUIRED FOR WORK AND SHALL SCHEDULE INSPECTION WITH A.H.J. IN A TIMELY MANNER TO ALLOW COMPLETION OF PROJECT ON SCHEDULE.

APPLICABLE CODES & STANDARDS

AS APPLICABLE TO THE SCOPE OF WORK, NEW WORK TO BE PERFORMED IN ACCORDANCE WITH THE FOLLOWINGS. APPLY TO THE ARCHITECT FOR A COPY OF RELEVANT SECTIONS OF THOSE CODES AND STANDARDS IF REQUIRED. ANY WORK IN VIOLATION OF THOSE CODES SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE TENANT OR OWNER.

2012	INTERNATIONAL BUILDING CODE
2017	NATIONAL ELECTRICAL CODE
2012	INTERNATIONAL MECHANICAL CODE
2012	INTERNATIONAL PLUMBING CODE
2009	INTERNATIONAL ENERGY CONSERVATION CODE
2012	INTERNATIONAL FIRE CODE
2003	NATIONAL GREEN BUILDING STANDARDS
NFPA 96	VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATION LOCAL HEALTH DEPARTMENT

MATERIALS, EQUIPMENT, APPLIANCES, AND INSTALLATION METHODS SHALL CONFIRM TO THE LATEST STANDARDS OF: AMCA-AIR MOVING AND CONDITIONING ASSOCIATION, ANCI-AMERICAN NATIONAL STANDARDS INSTITUTE, ARI-AIR CONDITIONING AND REFRIGERATION INSTITUTE, ASHRAE-AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS, ASME-AMERICAN SOCIETY OF MECHANICAL ENGINEERS, ASTM-AMERICAN SOCIETY FOR TESTING AND MATERIALS, ETL-ENVIRONMENTAL TESTING LABORATORY, MSS-MANUFACTURERS STANDARDIZATION SOCIETY, SMACNA SHEET METAL & AIR CONTRACTORS NATIONAL ASSOCIATION.

DRAWING INDEX

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6	M301 MECHANICAL DETAILS
7	MEP002 MEP ROOF PLAN

MECHANICAL SYMBOL LEGEND

— CD —	CONDENSATE DRAIN PIPING
— AUX —	AUXILIARY DRAIN PIPING
— P —	PIPING DOWN
— P —	PIPING UP -OR- PIPING UP & DOWN
—] —	CAP ON END OF PIPE
— —	VOLUME DAMPER
F D —	FIRE DAMPER (FUSIBLE LINK)
S D —	SMOKE DAMPER
S F —	SMOKE/FIRE DAMPER
M —	MOTORIZED DAMPER
20x16	DUCT DIMENSION, CLEAR INSIDE
[]	LINED DUCTWORK
[]	RECTANGULAR ELBOW WITH TURNING VANES
[]	90 DEGREE ELBOW DOWN
[]	90 DEGREE ELBOW UP
[]	DUCT SIZE TRANSITION
[]	DIFFUSER OF SIZE & CFM INDICATED
[]	RETURN GRILLE
[]	EXHAUST GRILLE
[]	FLEXIBLE DUCT CONNECTION
[]	SUPPLY DUCT RISER
[]	RETURN AIR DUCT RISER
[]	EXHAUST AIR DUCT RISER
[]	UNDERCUT DOOR 12" FOR EXHAUST/MAKE-UP
[]	MANUAL VOLUME DAMPER
[]	BACKDRAFT DAMPER
[]	OPPOSED BLADE DAMPER
[]	CARBON MONOXIDE DETECTOR
[]	CARBON DIOXIDE DETECTOR
[]	OUTSIDE AIR FLOW MEASUREMENT
[] OR []	SMOKE DETECTOR
[]	THERMOSTAT
[]	REMOTE SENSOR
[]	HUMIDITY CONTROLLER
[]	ANSUL SYSTEM REMOTE PULL STATION
[]	REMOTE SMOKE DETECTOR TEST/RESET

NOTE: NOT ALL SYMBOLS MAY APPEAR ON PLANS.

MECHANICAL ABBREVIATIONS

AD	ACCESS DOOR
ADJ	ADJUSTABLE
A.F.F.	ABOVE FINISHED FLOOR
A.H.J.	AUTHORITIES HAVING JURISDICTION
AHU	AIR HANDLER UNIT
BDD	BACKDRAFT DAMPER
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
CD	CONDENSATE DRAIN
CFM	AIR VOLUME - CUBIC FEET / MINUTE
CHR	CHILL WATER RETURN
CHS	CHILL WATER SUPPLY
CU	CONDENSING UNIT
CW	COLD WATER
CWR	CONDENSATE WATER RETURN
CWS	CONDENSATE WATER SUPPLY
DF	DRAIN FOUNTAIN
DF	DRY BULB TEMPERATURE
DF	DRINKING FOUNTAIN
DIA OR	DIAMETER
DS	DUCT SOX
EX	EXHAUST AIR
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
EXH	EXHAUST
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
GPM	GALLONS / MINUTE
HP	HORSEPOWER
HW	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
ID	INSIDE DIAMETER
IN	INCHES
INSUL	INSULATION
IWH	INSTANTANEOUS WATER HEATER
KW	KILOWATT
LAV	LAVATORY
LL	LANDLORD
MCA	MINIMUM CIRCUIT AMPACITY
MD	MOTORIZED DAMPER
MFR	MANUFACTURER
MOCPP	MAXIMUM OVERCURRENT PROTECTION
MTD	MOUNTED
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
OA	OUTSIDE AIR
O.B.D.	OPPOSED BLADE DAMPER
OD	OUTSIDE DIAMETER
ODP	OPEN DRIP PROOF
RA	RETURN AIR
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
S.C.	SENSIBLE COOLING
SD	SMOKE DETECTOR
SS	SANITARY SEWER
TEN	TENANT
T.C.	TOTAL COOLING
T-STAT	THERMOSTAT
TYP	TYPICAL
UH	UNIT HEATER
U.N.O.	UNLESS NOTED OTHERWISE
VFD	VARIABLE FREQUENCY DRIVE
VD	VOLUME DAMPER
V.I.F.	VERIFY IN FIELD
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WG	WATER GAUGE
WH	TANK TYPE WATER HEATER

NOTE: NOT ALL ABBREVIATIONS MAY APPEAR ON PLANS.



DO NOT SCALE DRAWINGS CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS-NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION



MAY 18TH, 2018

NO | REVISION

DEL TACO STORE # DT2017
4825 JIMMY LEE SMITH PARKWAY
HIRAM, GA 30141
PAULTON COUNTY
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MECHANICAL NOTES

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