

CODED NOTES

- CONNECT TO EXISTING DOMESTIC WATER LINE. FIELD VERIFY EXISTING LOCATION PRIOR TO BID. PROVIDE 1-1/2" SUBMETER DOWNSTREAM OF EXISTING SPACE SHUT-OFF VALVE.
- CONNECT TO EXISTING 4" SANITARY STACK. FIELD VERIFY EXACT LOCATION, SIZE AND DIRECTION OF FLOW PRIOR TO BID.
- PROVIDE SANITARY STUB-IN CONNECTION WITH ESCUTCHEON. TRAP AND FINAL CONNECTION TO BE COMPLETED WHEN WT-1 & 2 ARE INSTALLED. PROVIDE 1/4 TURN STAINLESS STEEL ANGLE STOPS AND WALL ESCUTCHEONS ON DOMESTIC WATER CONNECTIONS. STAINLESS STEEL FLEX SUPPLY HOSES PROVIDED WITH WT-1 AND WT-2.
- MOUNT 36" AFF. COORDINATE WITH OWNER.
- PLUMBING ACCESS PANEL. ROUTE 3/4" CW & THW IN WALL TO WT-2. ROUTE 3/4" CW & THW TO WT-1 AND HF-1 WITH 3/4" CW & THW TO EACH. COORDINATE LOCATIONS OF FAUCETS WITH ARCHITECTURAL PLANS AND OWNER. SEE PLUMBING ACCESS PANEL DETAIL ON P2.0 FOR DETAILS.
- SEE SANITARY AND WATER ISOMETRIC ON P2.0 FOR ADDITIONAL LINE SIZES FOR TENANT LAYOUT.
- COORDINATE EXACT INSTALLATION AND MOUNTING HEIGHT WITH ELECTRICAL CONTRACTOR PRIOR TO ROUGH-IN OR INSTALLATION.
- EXTEND AND CONNECT GAS LINE INTO EXISTING VALVED AND CAPPED CONNECTION PROVIDED BY LANDLORD. VERIFY EXACT LOCATION IN FIELD. PAINT GAS PIPING, COORDINATE COLOR WITH AUTHORITY HAVING JURISDICTION.
- LOCATION OF CHASE TO BE UTILIZED FOR IWH-1 VENT/INTAKE PIPING REFER TO WATER HEATER SCHEDULE ON P2.0.
- LOCATION OF CHASE TO BE UTILIZED FOR DRYER VENT, REFER TO DETAIL 2/P2.0.
- TO LINT INTERCEPTOR MOUNTED ON FLOOR BELOW WATER HEATER. PROVIDE SUPPORTS AS REQUIRED TO MEET PIPING CLEARANCES. INTERCEPTOR MODEL ZURN #Z1185, 30 GPM FLOW RATE, 2" INLET & OUTLET. SEE RISER DIAGRAM.
- FROM LINT INTERCEPTOR, SEE RISER DIAGRAM.

PLUMBING GENERAL NOTES:

- PLUMBING CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATIONS AND SIZES OF ALL UTILITIES, INCLUDING THE DEPTHS OF ALL BELOW GRADE SANITARY SEWERS, PRIOR TO START OF WORK. THIS DRAWING IS NOT INTENDED TO INDICATE ALL EXISTING UTILITIES.
- CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID AND FIELD VERIFY EXISTING CONDITIONS TO ENSURE THAT THE WORK REPRESENTED ON THE DRAWINGS AND IN THESE SPECIFICATIONS CAN BE INSTALLED AS INDICATED. CONTRACTOR SHALL TAKE ALL INTERFERENCES INTO CONSIDERATION. IDENTIFY POTENTIAL INTERFERENCES WITH NEW WORK AND REPORT TO ARCHITECT IMMEDIATELY. PROVIDE ALL NECESSARY OFFSETS TO SUIT FIELD CONDITIONS AS REQUIRED.
- CONTRACTOR SHALL VERIFY AND COORDINATE ALL UTILITY CONNECTION POINTS, INCLUDING SIZES AND INVERTS WITH EXISTING FIELD CONDITION PRIOR TO START OF WORK.
- MAKE ALL UTILITY CONNECTIONS AND INSTALLATIONS IN FULL ACCORDANCE WITH ALL UTILITY REGULATIONS. PROVIDE ALL ADDITIONAL APPURTENANCES AS REQUIRED BY UTILITY COMPANY. THE COMPLETED INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE INDUSTRY STANDARDS OF GOOD PRACTICE AND SAFETY, AND THE MANUFACTURER'S STRICTEST RECOMMENDATIONS FOR EQUIPMENT AND PRODUCT APPLICATION AND INSTALLATION.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS RELATED TO THE INSTALLATION OF THE WORK.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, LAWS, ACTS AND ALL AUTHORITIES HAVING JURISDICTION AND LANDLORD'S CRITERIA.
- MAINTAIN ALL MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES FOR ALL FIXTURES AND EQUIPMENT. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
- ALL HORIZONTAL FIRE PROTECTION SPRINKLER PIPING AND ALL ABOVE GRADE EXPOSED HORIZONTAL PIPING IS TO BE INSTALLED AS HIGH AS POSSIBLE. SPRINKLER CONTRACTOR SHALL COORDINATE SPRINKLER SYSTEM WITH DUCTWORK AND LIGHTS. ALL COSTS ASSOCIATED WITH RAISING SPRINKLER PIPING WHERE THE ARCHITECTURAL DESIGN CAN NOT BE ACCOMPLISHED SHALL BE THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ANY WORK.
- SLEEVE AND SEAL ALL PIPE PENETRATIONS OF WALLS AND FLOORS. APPLY INTUMESCENT FIRE SAFING COMPOUND AT PENETRATIONS OF FIRE-RATED WALLS AND FLOORS, MAINTAINING INTEGRITY AND RATING OF FIRE SEPARATION. SLEEVES THROUGH FLOORS SHALL EXTEND 2" ABOVE FLOOR, BE GROUTED INTO PLACE AND WATERPROOFED. PIPING THROUGH EXTERIOR WALLS SHALL BE SLEEVED AND SEALED WEATHER TIGHT.
- ALL DOMESTIC COLD AND HOT WATER PIPING TO BE INSULATED WITH RIGID FIBERGLASS INSULATION WITH TYPE 'ASJ' JACKET. COLD WATER PIPES TO HAVE 1/2" THICK INSULATION. HOT WATER PIPES TO HAVE 1" THICK INSULATION.
- WHEN SUBMITTING SHOP DRAWINGS FOR PLUMBING FIXTURES, PLUMBING CONTRACTOR TO PROVIDE SEPARATE WATER CLOSET FIXTURE CUTS SHOWING FLUSH HANDLES ON APPROPRIATE SIDES OF TANK FOR ADA ACCESS.
- PVC PIPING IS NOT ALLOWED.
- SPRINKLER HEADS WHICH OCCUR IN DRYWALL, METAL AND ACOUSTIC CEILINGS ARE TO BE CONCEALED AND CUSTOM COLORED TO MATCH CEILING COLOR.

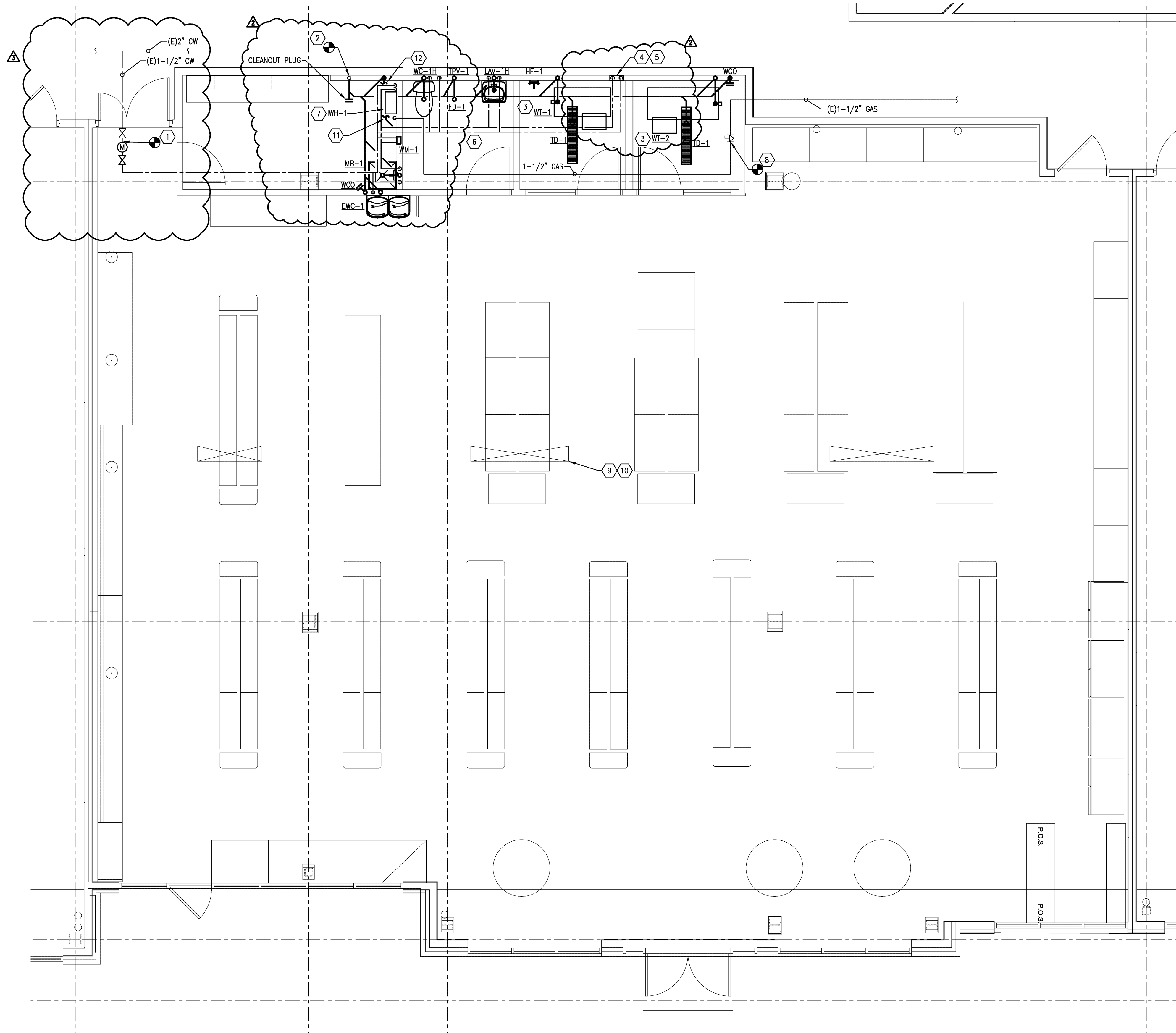
NOTE:
USE OF COMBUSTIBLE MATERIALS IS NOT ALLOWED IN ANY AREA THAT IS A RETURN AIR PLENUM. MATERIALS USED IN PLENUMS SHALL HAVE FLAME SPREAD RATING NOT TO EXCEED 25, AND SMOKE DEVELOPED RATING NOT TO EXCEED 50 WHEN TESTED IN ACCORDANCE WITH ASTM E84. ALL EXPOSED WIRING IN PLENUMS SHALL BE PLENUM RATED. FIELD VERIFY IF ANY NEW ITEMS ARE BEING INSTALLED IN A PLENUM AND VERIFY THAT THIS CRITERIA IS MET.

GAS PIPE SIZING
NATURAL GAS PIPING IS SIZED BASED ON SCHEDULE 40 METALLIC PIPE, LESS THAN 2 PSI INLET PRESSURE, 0.3" W.C. PRESSURE DROP, 0.6 SPECIFIC GRAVITY. THE 2018 INTERNATIONAL FUEL GAS CODE TABLE 402.4(1) IS USED FOR SIZING. METER LOCATED APPROXIMATELY 175' AWAY ON LONGEST RUN. PLUS 25% FOR FITTINGS FOR A TOTAL DERIVED LENGTH OF 219', 250' USED FOR SIZING WITH A GAS LOAD OF 200 CFH.

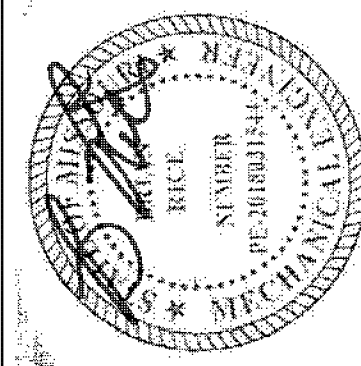
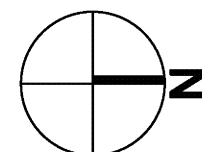
CONTRACTOR SHALL CONTACT ENGINEER IF EXISTING GAS SERVICE IS OTHER THAN LOW PRESSURE.

ALL SANITARY PIPING BELOW FLOOR SHALL BE CAST IRON.

SPRINKLER SYSTEM SHALL BE RE-DESIGNED FOR TENANT LAYOUT AND IS THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR.



PLUMBING PLAN
1/4" = 1'-0"



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Project No.: 18804

Drawn By: AEU

Date	Issue
07/19/2021	Elk/ Permit

07/24/2021 Revision 1

08/27/2021 Revision 2

10/22/2021 Revision 3