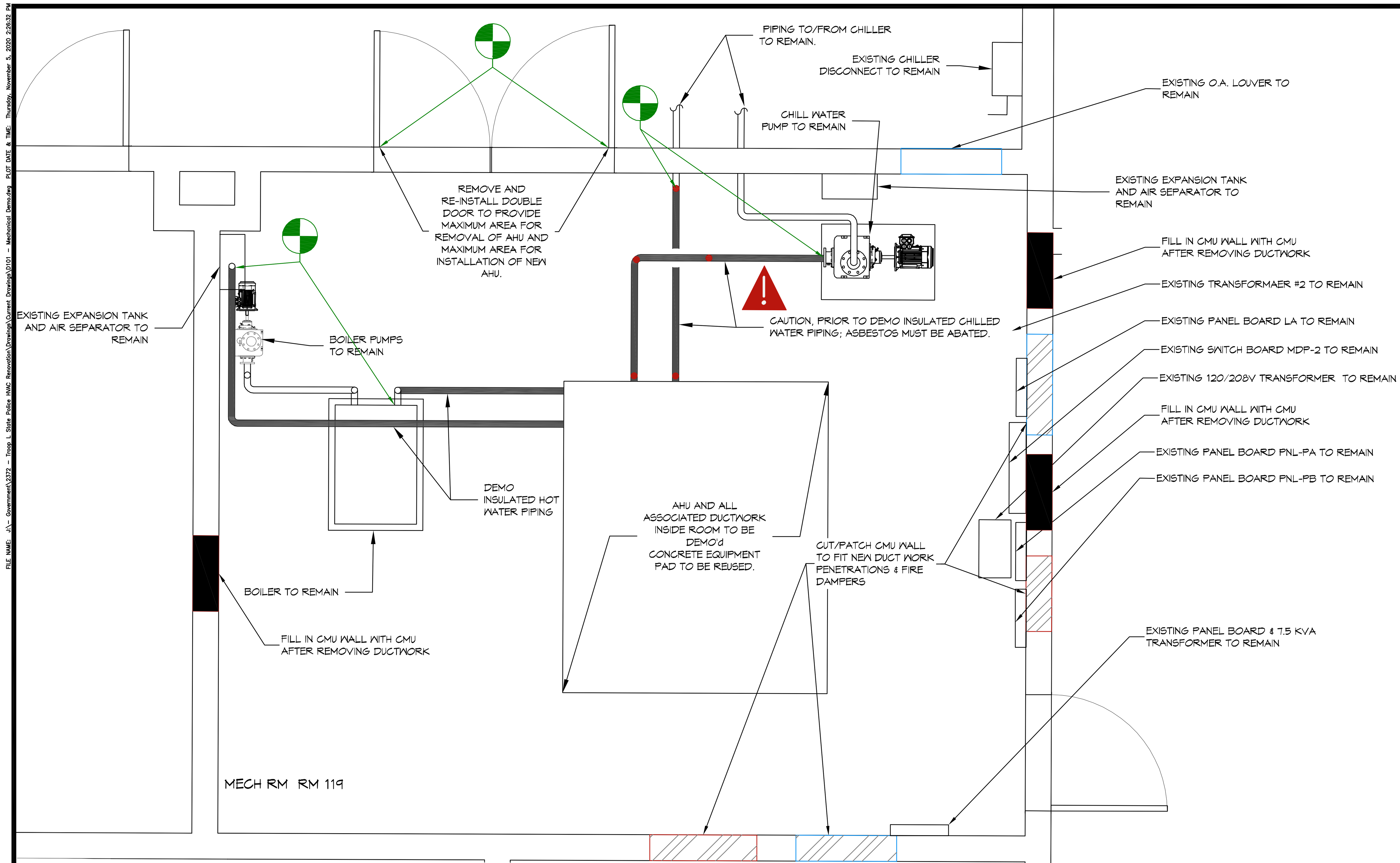
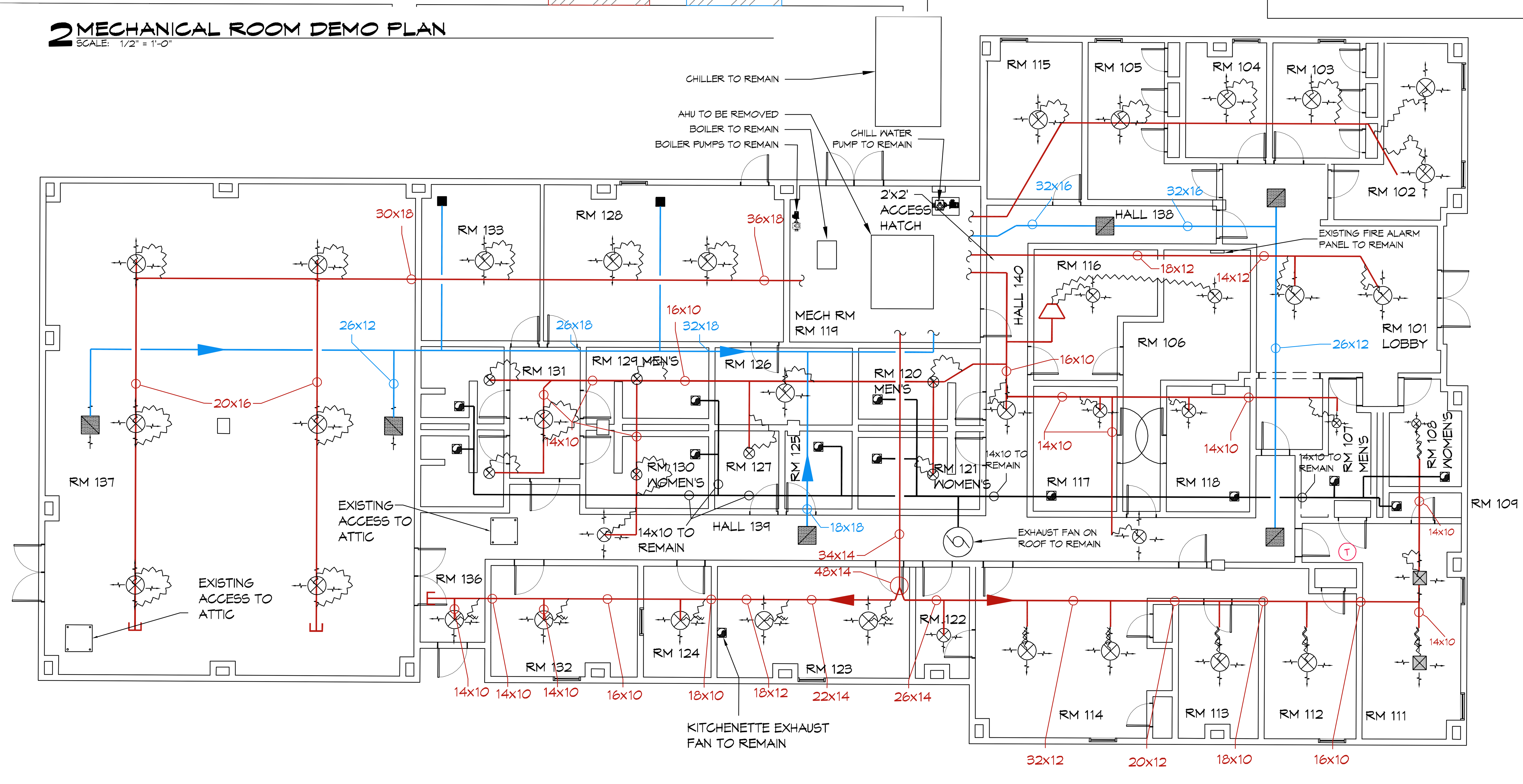
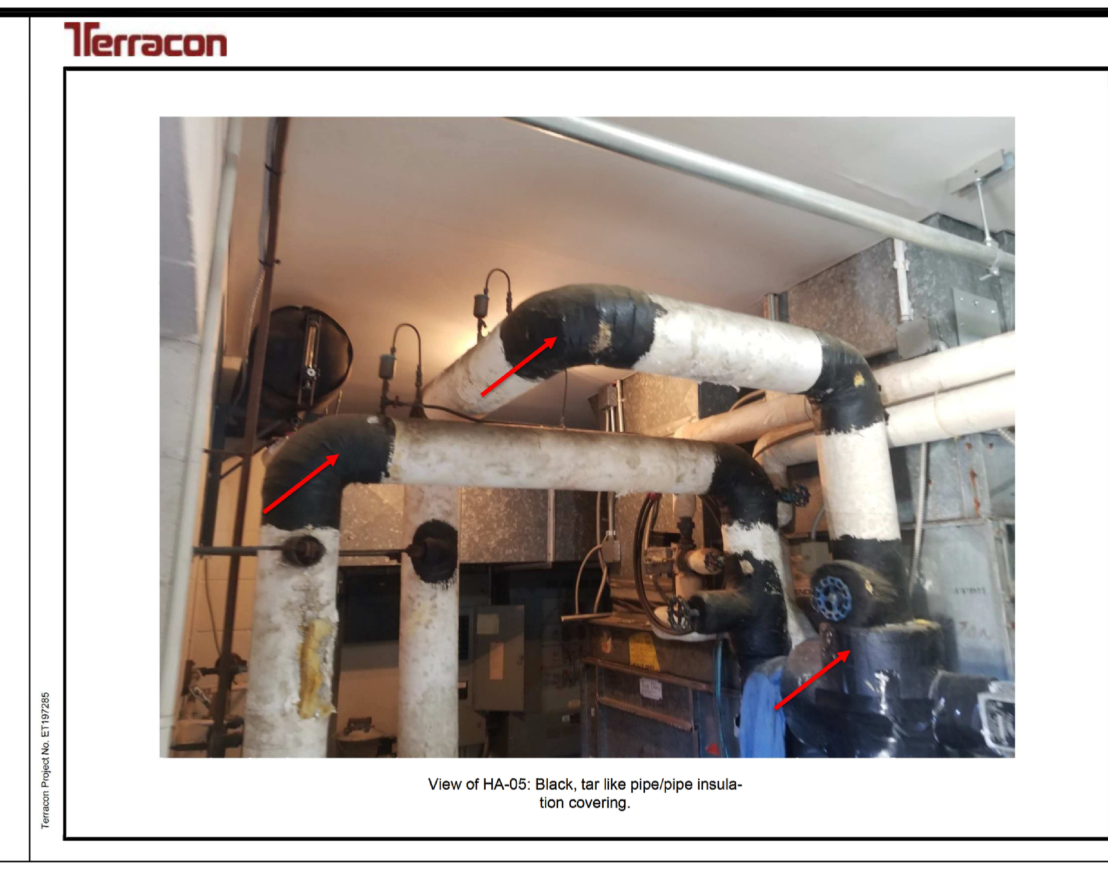


2 MECHANICAL ROOM DEMO PLAN
SCALE: 1/2" = 1'-0"



1 MECHANICAL DEMO PLAN
SCALE: 1/8" = 1'-0"



Terracon

View of HA-05: Black, tar like pipe/pipe insulation covering.

ASBESTOS ABATEMENT

1. EXISTING BLACK PIPE INSULATION COVERING HAS BEEN IDENTIFIED AS BLACK TAR OR ASBESTOS. THIS MATERIAL IS CONSIDERED CATEGORY II NON-FRIABLE ACM AND SHALL BE ABATED IN ACCORDANCE WITH CURRENT CODES AND STANDARDS. APPROXIMATELY 24 SQ FT. OF THIS MATERIAL HAS BEEN APPLIED OVER SOFT MINERAL FIBER PIPE INSULATION.
2. IN ACCORDANCE WITH LDEQ AND EPA NESHAP REGULATIONS, CATEGORY II NON-FRIABLE ACM IS ANY MATERIAL (EXCLUDING CATEGORY I NON-FRIABLE ACM) WHICH, WHEN DRY, CANNOT BE CRUMBLED, PULVERIZED OR REDUCED TO POWDER BY NORMAL HAND PRESSURE. IN THE COURSE OF DEMOLITION FOR THIS PROJECT, THIS MATERIAL HAS A HIGH PROBABILITY OF BEING CRUMBLED, PULVERIZED OR REDUCED TO POWDER BY MECHANICAL OR CUTTING FORCES. THEREFORE, THE MATERIAL SHALL BE ABATED PRIOR TO STARTING DEMOLITION ACTIVITIES.

GYPSUM CEILING DEMOLITION NOTES

1. REMOVE THE MINIMUM AMOUNT OF SUSPENDED GYPSUM CEILING AS REQUIRED TO ACCOMPLISH WORK INDICATED IN THESE DOCUMENTS. ALL REQUIRED DEMOLITION SHALL BE INCLUDED IN THE BASE BID PACKAGES SUBMITTED BY THE BIDDER. ALL GYPSUM CEILING BOARD AND RELATED SUPPORT SYSTEMS TO BE REMOVED SHALL INCLUDE GYPSUM CEILING BOARD, LIGHT FIXTURES, GRILLES, DIFFUSERS, ATTIC INSULATION, EXIT SIGNS, ELECTRICAL, COMMUNICATIONS, ETC. EXISTING LIGHT FIXTURES, EXIT SIGNS AND COMMUNICATIONS THEN REINSTALLED. INSULATION THAT IS REMOVED IS TO BE RE-INSTALLED.
2. ALL AREAS TO BE DEMOLISHED OR DISTURBED BY ANY DEMOLITION SHALL BE PATCHED AND PAINTED. PAINTING SHALL INCLUDE THE ENTIRE WALL OR CEILING TO AVOID MISMATCH OF COLOR OR FINISH. ALL WORK TO RECEIVE THREE COATS (ONE PRIMER COAT, TWO FINISH COATS) UNLESS OTHERWISE RECOMMENDED BY PAINT MANUFACTURER. COLORS TO BE SELECTED BY ENGINEER.
3. ALL OPENINGS AND VOIDS LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, ETC. SHALL BE PROPERLY PATCHED AND CLOSED OFF TO MAINTAIN PROPER FIRE RATING IN WALL. PREPARE PATCHES TO RECEIVE NEW FINISHES AS REQUIRED.

GENERAL DEMOLITION NOTES

1. THIS DEMOLITION PLAN HAS BEEN DERIVED FROM EXISTING BUILDING PLANS AND ARE INTENDED TO REASONABLY REPRESENT EXISTING CONDITIONS. ENGINEER DOES NOT GUARANTEE ACCURACY OF THE EXISTING CONDITIONS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IN AREAS TO BE RENOVATED PRIOR TO BID IN ORDER TO PROVIDE AN ACCURATE BID AND BE AWARE OF ALL CONSTRUCTION METHODS NEEDED TO PROVIDE THE FINISHED PRODUCT AS SHOWN ON THE PLANS. ILLUSTRATIONS, DIMENSIONS, AND INFORMATION IN THESE DRAWINGS ARE BASED, IN PART, ON EXISTING DRAWINGS FURNISHED BY THE OWNER. ACTUAL CONDITIONS MAY DEVIATE FROM THAT SHOWN ON THE DRAWINGS. THE DEMOLITION KEYNOTES IDENTIFY SPECIFIC AREAS OF WORK BUT MAY NOT BE COMPLETE IN THE IDENTIFICATION OF ALL REMOVALS. THE CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS AND COORDINATE THE DEMOLITION WITH NEW WORK SO THAT DEMOLITION IS COMPLETE.
2. THE CONTRACTOR SHALL COORDINATE REMOVAL OF SMOKE AND OTHER FIRE ALARM ADDRESSABLE UNITS ATTACHED TO THE AHU WITH THE FIRE ALARM CONTRACTOR PRIOR TO REMOVAL.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE PUBLIC AND/OR WORKMEN ON THE SITE TO PREVENT ACCIDENTS OR INJURY TO ANY PERSON ON OR ADJACENT TO THE PREMISES. THE CONTRACTOR SHALL COMPLY WITH ALL LAWS ORDINANCES, AND REGULATIONS PERTAINING TO SAFETY AND THE PREVENTION OF ACCIDENTS.
4. ALL EXISTING STEEL FRAMING MEMBERS (COLUMNS, BEAMS, JOISTS, DECK, ETC...) SHALL REMAIN INTACT AND UNDAMAGED.
5. CONTRACTOR TO PROVIDE DUST BARRIER FOR PROTECTION OF EXISTING AREAS TO REMAIN AS REQUIRED.
6. WHEN DEMOLITION TAKES PLACE, SHOULD ANY WORK AFFECT THE INTEGRITY OF THE STRUCTURE, WORK MUST STOP IMMEDIATELY, AND DAMMON ENGINEERING NOTIFIED. UNDER NO CIRCUMSTANCES SHALL REINFORCING OF ANY KIND BE DAMAGED, CUT, OR BROKEN.
7. EXISTING ITEMS, EQUIPMENT, PLUMBING FIXTURES, ETC. TO REMAIN IN PLACE SHALL BE PROTECTED FROM DIRT AND DAMAGE DURING DEMOLITION AND CONSTRUCTION.
8. ALL OPENINGS AND VOIDS LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, ETC. SHALL BE PROPERLY PATCHED AND CLOSED OFF TO MAINTAIN PROPER FIRE RATING IN WALL. PREPARE PATCHES TO RECEIVE NEW FINISHES AS REQUIRED.
9. WHERE A RATING HAS BEEN GIVEN TO AN EXISTING WALL, ALL PENETRATIONS (EXISTING OR NEW) MUST BE SEALED AND PROPERLY FIREPROOFED PER THAT RATING REQUIREMENT.
10. PROVIDE WALK-OFF MATS AS REQUIRED DURING DEMOLITION AND NEW CONSTRUCTION ACTIVITIES.
11. REMOVAL OF EXISTING HVAC SHALL INCLUDE DUCT WORK HANGERS, GRILLES, DIFFUSERS, THERMOSTATS, ETC. AS REQUIRED TO COMPLETE DEMOLITION. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION.
12. ABANDONING ITEMS OR UNUSED UTILITIES IN PLACE IS STRICTLY PROHIBITED, UNLESS SPECIFICALLY PERMITTED BY THE OWNER.
13. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ITEMS THAT ARE INTENDED TO REMAIN AND SHALL REPAIR ANY DAMAGED ITEMS TO LIKE NEW CONDITION.
14. ALL PORTABLE ITEMS, SUCH AS FURNISHINGS, MOBILE EQUIPMENT, DESKS, BEDS, TABLES, CHAIRS, DRAPERIES, ETC. WILL BE REMOVED BY OWNER PRIOR TO COMMENCEMENT OF DEMOLITION WORK.
15. BUILDING OCCUPANTS WILL BE RELOCATED PRIOR TO STARTING DEMOLITION/CONSTRUCTION. THE BUILDING WILL BE VACANT.

HVAC DEMOLITION NOTES

1. REMOVE ALL SUPPLY AND RETURN DUCT WORK.
2. REMOVE ALL SUPPLY AND RETURN GRILLES.
3. EXHAUST DUCT WORK AND GRILLES SHOWN ON THIS PLAN ARE TO REMAIN. REPAIR ANY DAMAGE(S) CAUSED DURING HVAC DEMO.
4. ALL OPENINGS AND VOIDS LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, ETC. SHALL BE PROPERLY PATCHED AND CLOSED OFF TO MAINTAIN PROPER FIRE RATING IN WALL. PREPARE PATCHES TO RECEIVE NEW FINISHES AS REQUIRED.

HYDRONIC PIPING DEMOLITION NOTES

1. PRIOR TO STARTING DEMOLITION, CONTRACTOR SHALL MEASURE AND RECORD CHILLED WATER AND BOILER WATER TEMPERATURES AND FLOW RATES AT FULL LOAD. SUBMIT RESULTS TO DAMMON ENGINEERING FOR REVIEW.
2. DRAIN AND FLUSH BOTH CHILLER AND BOILER HYDRONIC PIPING.
3. REMOVE ALL PIPING THAT CONNECTS TO THE EXISTING AHU UP TO THE LOCATIONS SHOWN ON PLAN.

DEMO LEGEND

- EXHAUST GRILLE AND ALL ASSOCIATED DUCT WORK TO REMAIN.
- EXISTING EXHAUST AIR DUCT TO REMAIN, NO WORK UNDER THIS CONTRACT. REPAIR WHEN DAMAGED BY CONSTRUCTION.
- EXISTING RETURN AIR DUCT TO BE DEMO'D
- EXISTING SUPPLY AIR DUCT TO BE DEMO'D
- EXISTING RETURN AIR GRILLE TO BE REMOVED.
- EXISTING SUPPLY AIR GRILLE TO BE REMOVED.
- EXISTING THERMOSTAT TO BE REMOVED.
- END OF DUCT, CAPPED OFF.
- BEGIN DEMOLITION AND CONTINUE TO EXISTING AIR HANDLER UNIT.
- CAUTION, ASBESTOS ABATEMENT MUST BE COMPLETE FOR DEMO BEGINS.

REVISIONS		
#	DESCRIPTION	DATE

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HVAC SYSTEM REPLACEMENT
PROJECT NO.: 01-107-06B-11, F.01003807

STATE POLICE TROOP L HEADQUARTERS

2600 N CAUSEWAY BLVD, MANDEVILLE, LA 70471
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JOB No: 2372	DATE: 10/1/2020
DRAWN BY: DD	CHECKED BY: DD

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SHEET TITLE: MECHANICAL DEMO PLAN

DRAWING NUMBER: D101