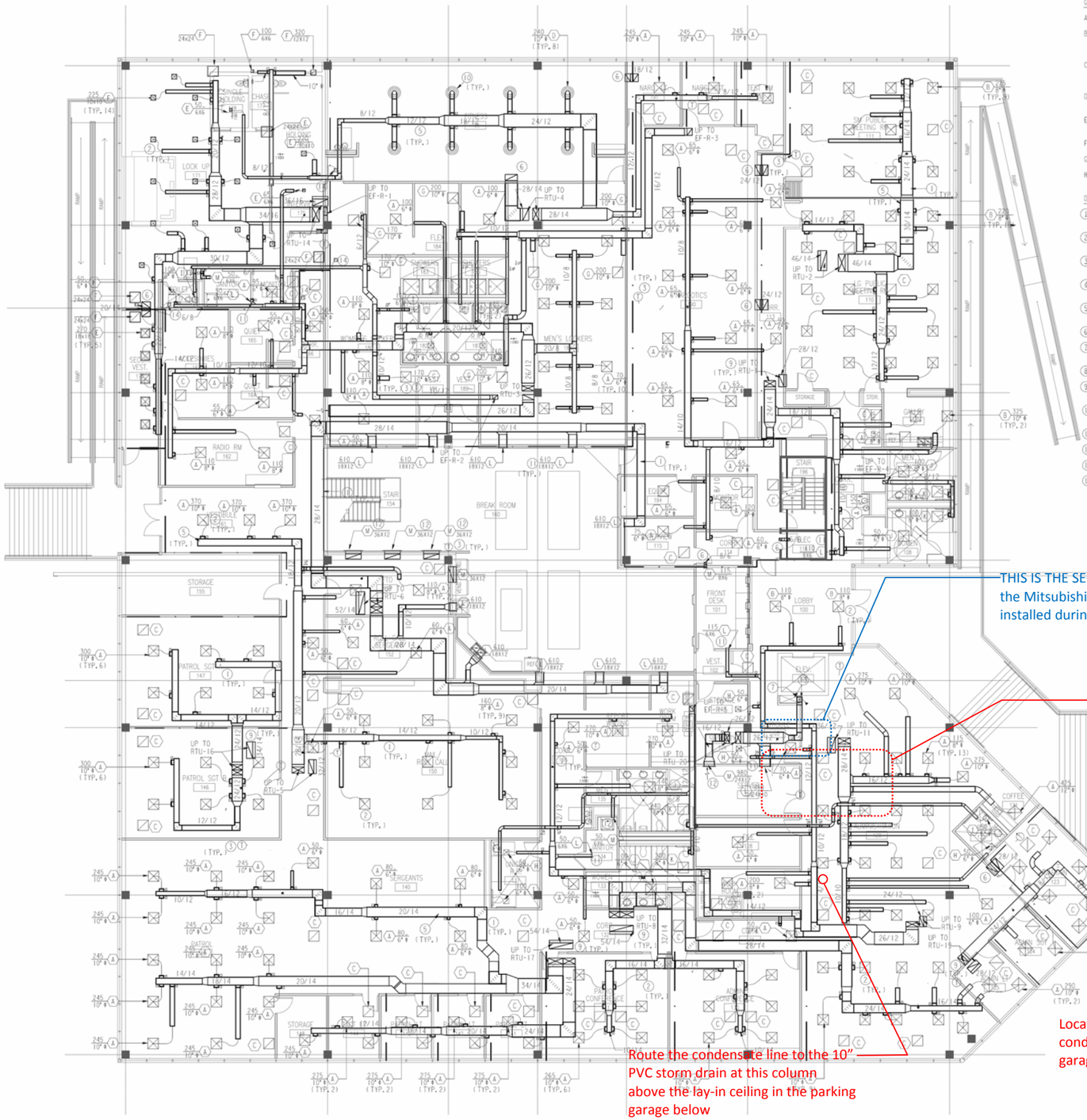
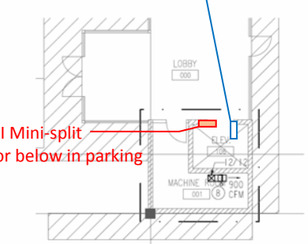
BINDING EDGE




01 MECHANICAL_RENOVATION_FIRST_FLOOR_PLAN
SCALE: 1/8"=1'-0"



02 MECHANICAL_RENOVATION_PARKING_LEVEL_FLOOR_PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES:

A. REFER TO MP-000 FOR ADDITIONAL GENERAL NOTES.

B. CONTRACTOR RESPONSIBILITY TO FIELD COORDINATE ALL MECHANICAL WORK WITH OTHER PROJECT TRADES. NOTIFY ENGINEER IF FIELD CONDITIONS VARY SUBSTANTIALLY FROM CONTRACT DOCUMENTS.

C. FIELD COORDINATE ALL ROUTING OF DUCTWORK TO ROUTE AS HIGH AS POSSIBLE AND BETWEEN FIXTURES TO ACCOMODATE CEILING HEIGHTS. WHERE DUCTWORK CROSSOVERS ARE REQUIRED, OFFSET BETWEEN JOISTS TO AVOID CONFLICT.

D. PLEASE NOTE ALL DIFFUSERS ALL 4-WAY THROW UNLESS OTHER WISE INDICATED ON PLANS. ALTERNATE THROW PATTERNS ARE SHOWN WITH DIRECTIONAL ARROWS INDICATING DIRECTIONAL THROW PATTERN.

E. RELOCATE EXISTING T-STATS FOR EXISTING 2ND FLOOR UNITS THAT NOW SERVE THE FIRST FLOOR. EXTEND WIRING AS REQUIRED.

F. VERIFY EXISTING T-STAT OPERATION UPON RELOCATION. REPLACE WITH NEW TO MATCH EXISTING IF DAMAGED.

G. TAMPER PROOF MAXIMUM SECURITY GRILLES HAVE BEEN SCHEDULED IN ALL AREAS OF PRISONER PRESCENCE.

H. WHERE DAMPERS ARE LOCATED ABOVE INACCESSIBLE CEILINGS PROVIDE CONCEALED TYPE YOUNG REGULATORS FOR BALANCING PURPOSES.

DRAWING NOTES:

1. NEW SUPPLY DUCTWORK. FIELD COORDINATE ROUTING WITH ALL OTHER TRADES. PROVIDE OFFSETS AS REQUIRED TO MAINTAIN RIGHT-OF-WAY CLEARANCES. SEE GENERAL NOTE "C".
2. NEW AIR DISTRIBUTION DEVICE. BALANCE TO INDICATED CFM AS SHOWN. COORDINATE LOCATION WITH EXISTING/NEW CONDITIONS.
3. EXISTING RELOCATED T-STAT. RELOCATE TO INDICATED LOCATION. EXTEND WIRING AS REQUIRED.
4. WALLS TO DECK SHOWN: ———————— RE: ARCHITECTURAL DRAWINGS FOR FURTHER INFORMATION.
5. COORDINATE DUCT ROUTING WITH NEW/EXISTING CONDITIONS. ROUTE DUCT TIGHT TO STRUCTURE TO COORDINATE WITH NEW LIGHT FIXTURES.
6. RETURN AIR BOOT. RE: DETAILS AND SPECIFICATIONS FOR FURTHER INFORMATION.
7. SUPPLY DUCT DOWN THRU SLAB TO ELEVATOR MACHINE ROOM BELOW WITH ARCHITECTURAL CHASE. RE: 02/M101 FOR DUCTWORK CONTINUATION.
8. OPEN-ENDED DUCT WITH BALANCING DAMPER. BALANCE TO INDICATED CFM.
9. COORDINATE DUCTWORK RISER LOCATION WITH EXISTING STRUCTURE. PROVIDE FIRE DAMPER AT FLOOR PENETRATION ON SUPPLY AND RETURN.
10. MOUNT DIFFUSER AT SAME ELEVATION OF FIXTURES. RE: ARCHITECTURAL DRAWINGS FOR EXACT HEIGHT REQUIREMENT.
11. SIDEWALL GRILLES TO BE MOUNTED AT MIN 9'-0" A.F.F.
12. MOUNT EXHAUST/RETURN AS HIGH AS POSSIBLE.
13. PROVIDE FIRE DAMPER AT FLOOR PENETRATION PER SPECIFICATIONS.
14. PROVIDE FIRE/SMOKE DAMPER AT WALL PENETRATION. COMBINATION FIRE/SMOKE DAMPERS SHALL BE RUSKIN TYPE FSD 60 OR AN APPROVED EQUAL WITH 212°F THERMAL LINKS AND RECTANGULAR, ROUND OR OVAL DUCT CONNECTIONS AS REQUIRED. EACH COMBINATION FIRE/SMOKE DAMPER SHALL BE FURNISHED COMPLETE WITH FACTORY SLEEVE, DAMPER OPERATOR, AND THERMAL LINK FACTORY-INSTALLED. THE INSTALLING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING LOCATIONS WHICH REQUIRE A SPECIAL SLEEVE. LABEL DUCT ACCESS DOORS "FIRE/SMOKE DAMPER ACCESS" WITH 1/2" HIGH BLACK STENCIL LETTERS. PROVIDE LOW LEAKAGE FIRE/SMOKE DAMPERS AT ALL LOCATIONS SHOWN ON THE DRAWINGS OR REQUIRED. DAMPERS SHALL BE MULTI-BLADE TYPE COMBINATION FIRE/SMOKE DAMPERS AND SHALL POSSESS A 1 1/2 HOUR UL LABEL IN ACCORDANCE WITH UL 555S AND SHALL MEET ALL REQUIREMENTS OF THE LATEST EDITION OF NFPA 90A AND 101. DAMPERS SHALL BE TESTED AND CERTIFIED IN ACCORDANCE WITH AMCA STANDARD 500 75 AND SHALL LEAKAGE CLASS II PER UL STANDARD 555S.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Revisions

| NO. | ISSUE | DATE |
|---|---|---|

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Title

**MECHANICAL RENOVATION PLAN - 1ST FLOOR**

Sheet

**M-101**

CONSTRUCTION DRAWINGS


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