

prime consultants:


ARCHITECTURE 49

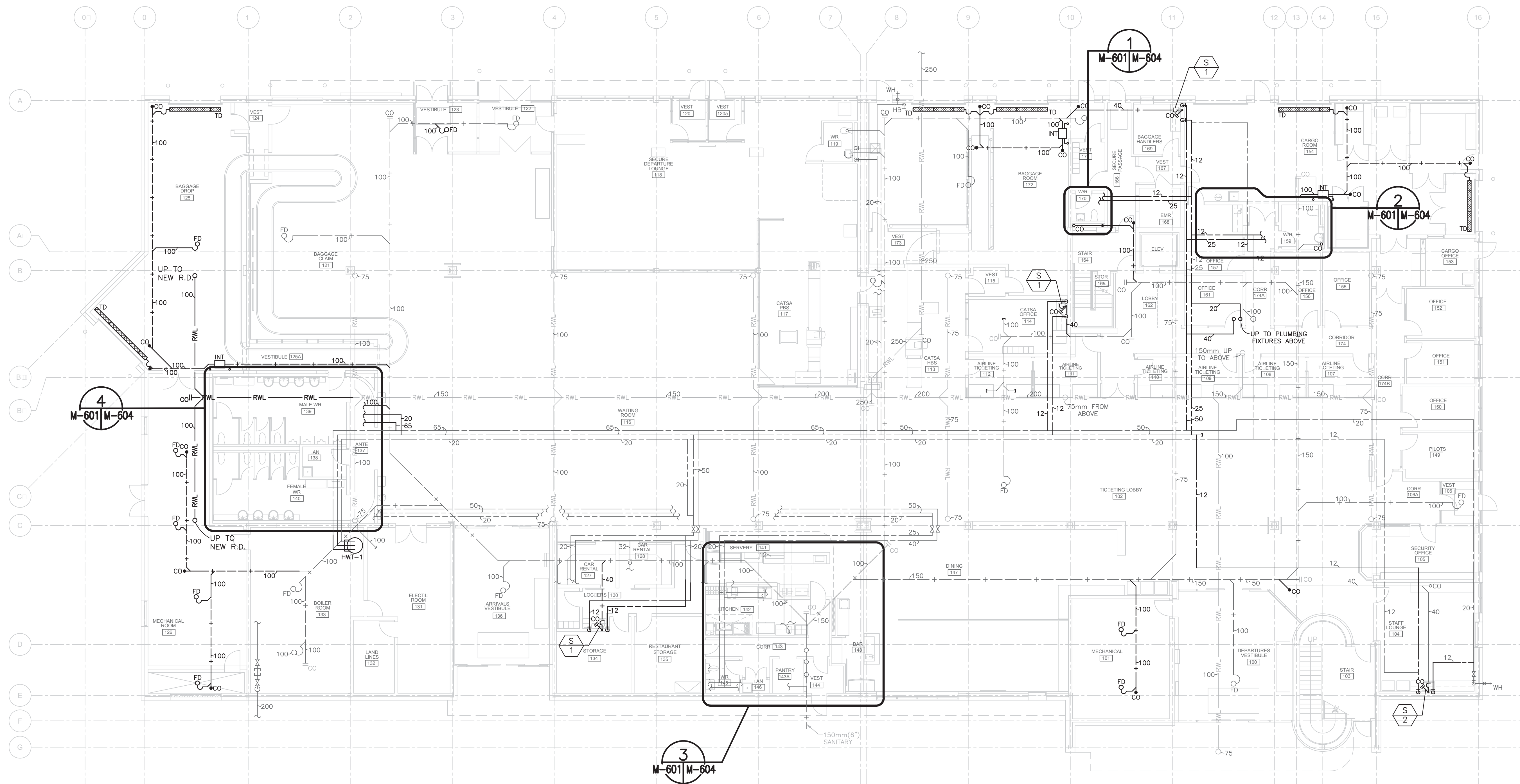
sub consultant



GENERAL NOTES:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS & EXISTING CONDITIONS ON SITE. ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS TO BE REPORTED TO THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
2. COORDINATE ALL MECHANICAL WORK INCLUDING REMOVAL OF EXISTING MECHANICAL EQUIPMENT ON SITE WITH THE OWNER'S CONTRACTOR, OTHER TRADES AND THE OWNER'S REPRESENTATIVE.
3. INFORMATION PERTAINING TO EXISTING MECHANICAL EQUIPMENT SHOWN ON THE DRAWINGS IS BASED ON AS-BUILT INFORMATION PROVIDED BY THE OWNER. THESE DRAWINGS MAY NOT FULLY OR ACCURATELY REFLECT THE EXISTING CONDITIONS. EQUIPMENT AND SERVICES MAY BE IN PLACE IN THE FIELD. CONTRACTOR SHALL CONFIRM ALL EXISTING CONDITIONS IN FIELD. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF ARCHITECTURAL WORK.
4. WHERE MECHANICAL SERVICES (PIPING, DUCT, ELECTRICAL AND CONTROLS) ARE CALLED UP TO BE REMOVED COMPLETE, ALL REDUNDANT SERVICES TO BE CAPPED CONCEALED IN CEILING, WALLS & BELOW FLOOR. ALL REDUNDANT SERVICES BACK UP WITHIN 150mm OF PIPE MAIN, DUCT MAIN, JUNCTION BOX, PANEL, ETC.
5. TEST ADJUST AND BALANCE ALL AIR SYSTEMS TO VALUES SHOWN ON DRAWINGS AND A DETAILED IN ACCORDANCE WITH THE CONTROL SEQUENCE. INCLUDE ALL MODES OF OPERATION IN THE TAB. COORDINATE THE SAME WITH THE TAB CONTRACTOR. TAB CONTRACTOR SHALL BE NEBB CERTIFIED.
6. MECHANICAL COMMISSIONING TO BE COMPLETED IN ACCORDANCE WITH ARCHITECTURAL PHASING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS A-104 to A-107. MECHANICAL CONTRACTOR IS RESPONSIBLE TO COORDINATE COMMISSIONING SCHEDULE WITH COMMISSIONING AGENT.

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FLOOR PLAN - LEVEL 1 PLUMBING NEW

SCALE : 1:125



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PLUMBING NOTES:

1. PROVIDE CHROME PLATED ESCUTCHEON PLATES ON ALL PIPES PASSING THRU WALLS, PARTITIONS, FLOORS & CEILINGS IN FINISHED AREAS.
2. PROVIDE TRAP SEAL PRIMERS ON ALL FLOOR & FUNNEL DRAINS.
3. COORDINATE INVERT ELEVATIONS OF ALL DRAINAGE PIPE WITH GENERAL CONTRACTOR. COORDINATE THE ROUTING OF ALL BELOW GROUND SERVICES IN THE FIELD TO AVOID EXISTING FOOTINGS/PIERS INSTALLED PREVIOUS CONTRACT.
4. SLOPE ALL DRAINAGE PIPES DOWN A MINIMUM OF 1% IN DIRECTION OF FLOW.
5. ALL SANITARY PIPING ABOVE GRADE, 75mm & GREATER SHALL BE CAST IRON, BELOW 75mm SHALL BE COPPER DW. SANITARY PIPING BELOW GRADE SHALL ABS OR CAST IRON AS CONVENIENT. PROVIDE ADAPTORS TO MAKE CONNECTIONS AS REQUIRED.
6. WATER PIPING ABOVE GRADE SHALL BE TYPE L HARD DRAWN. BELOW GRADE SHALL BE CONTINUOUS, NO JOINTS, TYPE K SOFT DRAWN.
7. USE LEAD FREE SOLDER TO MAKE ALL DOMESTIC WATER PIPING JOINTS.
8. DRAIN EXISTING PLUMBING SERVICES AS REQUIRED TO COMPLETE PLUMBING RENOVATIONS & ADDITIONS.
9. COORDINATE THE CONNECTION OF NEW PLUMBING TO EXISTING PLUMBING SERVICES IN THE FIELD.
10. ENSURE ALL MECHANICAL SYSTEMS ARE LEFT FULLY OPERATIONAL FOR SERVICE INTENDED UPON COMPLETION OF WORK. ENSURE ALL PLUMBING CONNECTIONS ARE MADE TO ALL MECHANICAL EQUIPMENT REQUIRING PLUMBING SERVICES. COORDINATE THE SAME WITH OTHER TRADES.
11. INSULATE ALL CW & HW LINES ABOVE GRADE & ALL VENT LINES IN UNCONDITIONED SPACE AS PER THE SPECIFICATION.
12. PROVIDE ACCESS COVERS FOR ALL CLEAN-OUTS, VALVES, TRAP SEAL PRIMERS, ETC. AS REQUIRED. ACCESS COVERS IN FIRE RATED WALLS SHALL BE FIRE RATED. COORDINATE WITH OTHER TRADES AS REQUIRED.
13. FLOOR CLEAN-OUT COVERS SHALL BE THE SAME SIZE AS THE PIPES IN WHICH THEY ARE TO BE INSTALLED. USE P.O. PLUG IN PIPE IN ADDITION TO CLEAN-OUT COVER.
14. SUPPORT ALL PIPING INDEPENDENTLY USING APPROVED STEEL HANGERS AS PER CODE REQUIREMENTS.
15. MAINTAIN INTEGRITY OF THERMAL/VAPOUR & FIRE SEPARATIONS AT PENETRATIONS THRU THE SAME PER STANDARD PRACTICES & TO CODE REQUIREMENTS. REFER TO ARCHITECTURAL DWGS FOR FIRE RATINGS OF WALLS.
16. RUN ALL SERVICES CONCEALED IN WALLS, CEILING, FURRING, ETC. RUN WATER PIPES ON WARM SIDE OF VAPOR BARRIER. RUN 13mm HW & CW TO INDIVIDUAL FIXTURES, 19mm CW TO FLUSH VALVES & 25mm TO WATER CLOSET FLUSH VALVES AS REQUIRED. CAP ALL UNUSED SERVICES AS REQUIRED BELOW FLOOR, IN WALL, ABOVE CEILING, ETC.
17. SEAL ALL PENETRATIONS OF PIPES PASSING THRU FOUNDATION WALLS WITH APPROVED SEALER.
18. PROVIDE ALL CUTTING, PATCHING, ETC. AS REQUIRED TO INSTALL ALL EQUIPMENT AS SHOWN. REFER TO ARCHITECTURAL DWGS FOR ALL CONSTRUCTIONS. COORDINATE THE SAME WITH GENERAL CONTRACTOR.
19. PAINT INSULATION ON EXPOSED PIPES TO MATCH INTERIOR FINISH. COORDINATE WITH GENERAL CONTRACTOR.
20. PROVIDE VIBRATION ISOLATORS ON ALL MECHANICAL EQUIPMENT PER MANUFACTURERS RECOMMENDATIONS.
21. PROVIDE SLEEVES ON ALL PENETRATIONS OF PIPES PASSING THRU CONCRETE WALLS & FLOORS. SEAL WITH APPROVED SEALER.
22. PROVIDE DISCONNECTS FOR ALL MECHANICAL EQUIPMENT SIZED TO SUIT & CODE REQUIREMENTS. COORDINATE CONNECTIONS WITH ELECTRICAL.