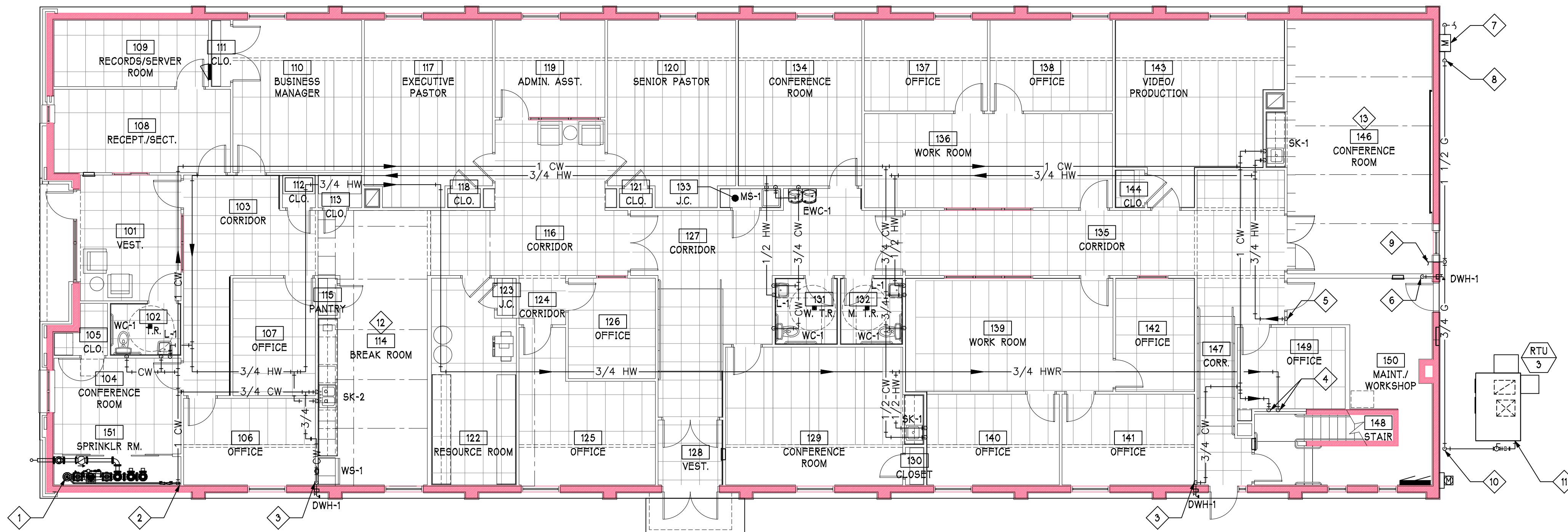


Revisions:

No:	Date:
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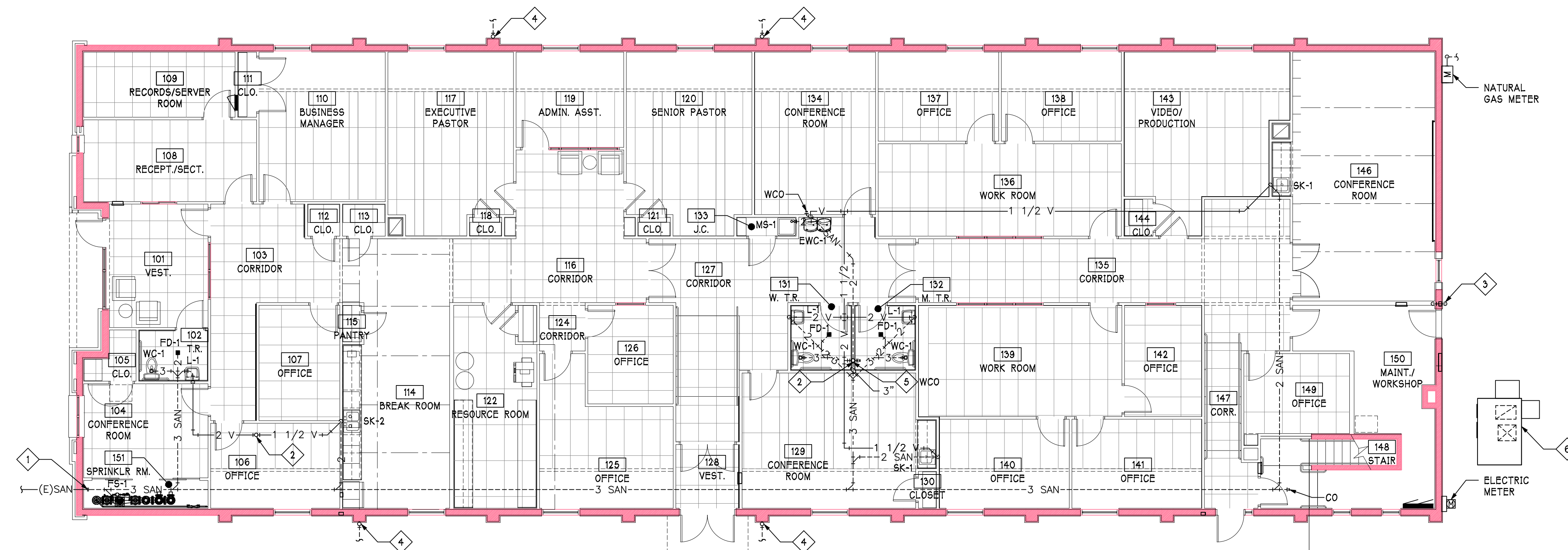


DOMESTIC SUPPLY RENOVATION PLAN

1/8" = 1'-0"

SUPPLY KEYED NOTES

- ROUTE COMBINED WATER ENTRY UP FROM TUNNEL BELOW. CONNECT 1" DOMESTIC WATER SUPPLY FROM TOP OF COMBINED ENTRY AND CONTINUE TO BACK FLOW PREVENTER. REFER TO "WATER ENTRY DETAIL".
- ROUTE 1" COLD WATER UP INTO CEILING SPACE.
- ROUTE 3/4" COLD WATER DOWN IN WALL WITHIN BUILDING INSULATION ENVELOPE AND CONNECT TO DWH-1.
- ROUTE 3/4" COLD WATER AND 3/4" HOT WATER RETURN DOWN IN WALL THROUGH FLOOR INTO BASEMENT.
- ROUTE 3/4" HOT WATER UP IN WALL FROM BASEMENT INTO CEILING SPACE AND CONTINUE AS INDICATED.
- ROUTE 3/4" COLD WATER UP IN WALL FROM BELOW AND CONNECT TO DWH-1. COORDINATE PIPE ROUTING AND DWH-1 INSTALLATION SO THAT SUMP DISCHARGE IS A MINIMUM OF 6" BELOW DWH-1.
- NEW NATURAL GAS METER AND SUPPLY. FIELD VERIFY EXISTING CAPACITY PRIOR TO STARTING WORK. COORDINATE WITH LOCAL UTILITY.
- ROUTE 1-1/2" NATURAL GAS PIPE UP ALONG EXTERIOR WALL TO A MINIMUM OF 10'-0" ABOVE FINISHED GRADE. COORDINATED TO BE BETWEEN ARCHITECTURAL WINDOW HEIGHTS. PAINT PIPE TO MATCH EXTERIOR.
- ROUTE 1-1/4" NATURAL GAS PIPE UP ALONG WALL TO ROOF. REFER TO SHEET M102 FOR CONTINUATION.
- ROUTE 3/4" NATURAL GAS PIPE DOWN ALONG EXTERIOR WALL TO 1'-0" ABOVE FINISHED GRADE. PAINT PIPE TO MATCH BUILDING EXTERIOR.
- CONNECT NATURAL GAS PIPING TO MECHANICAL EQUIPMENT PER MANUFACTURERS INSTALLATION INSTRUCTIONS. INCLUDE SHUT OFF VALVE AND DIRT LEG.
- DO NOT ROUTE ANY DOMESTIC PIPING THROUGH INDICATED ROOM. CEILING IS OPEN UP TO EXPOSED ROOF DECK. COORDINATE WITH ARCHITECTURAL TRADES.

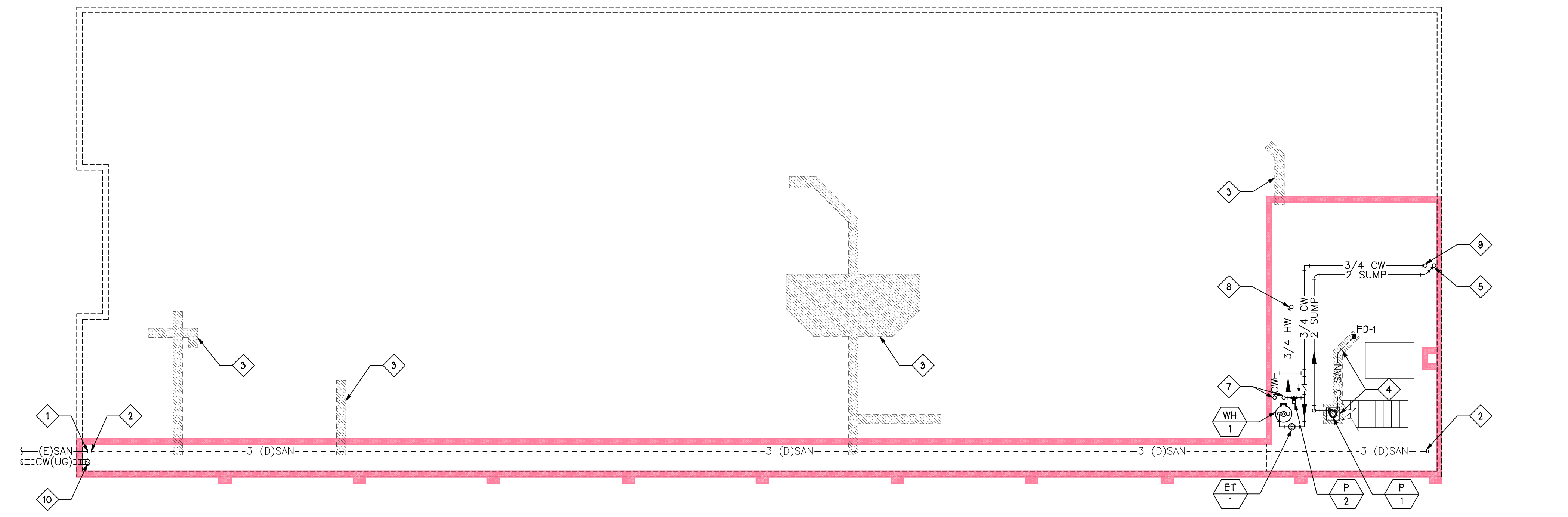


WASTE AND VENT RENOVATION PLAN

1/8" = 1'-0"

WASTE KEYED NOTES

- CONNECT NEW 3" PVC SANITARY PIPE TO EXISTING 3" CAST IRON SANITARY BUILDING EXIT IN TUNNEL BELOW. CONTINUE 3" PVC UP STREAM BELOW FLOOR.
- 2" VENT UP TO 3" VENT THROUGH ROOF. REFER TO ROOF PLAN ON SHEET M101 FOR CONTINUATION.
- ROUTE SUMP DISCHARGE UP WALL AND SPILL 1'-0" ABOVE FINISHED GRADE. COORDINATE PIPE ROUTING AND DWH-1 INSTALLATION SO THAT SUMP DISCHARGE IS A MINIMUM OF 6" BELOW DWH-1.
- CONNECT DOWNSPOUT TO EXISTING UNDERGROUND STORM WATER COLLECTION SYSTEM WITH 4" DOWNSPOUT BOOT.
- ROUT 2" VENT PIPE DOWN IN WALL AND CONNECT TO TOP OF 3" UNDERGROUND SANITARY PIPE. INCLUDE WALL CLEAN OUT.
- CONNECT TRAPPED CONDENSATE TO MECHANICAL UNIT PER MANUFACTURERS INSTALLATION INSTRUCTIONS AND SPILL TO GRADE.



BASEMENT PLUMBING RENOVATION PLAN

1/8" = 1'-0"

BASEMENT KEYED NOTES

- EXISTING 3" SANITARY SERVICE INTO BUILDING TO REMAIN. PREPARE FOR CONNECTION OF NEW 3" PVC. FIELD VERIFY SIZE, LOCATION, AND ELEVATION.
- REMOVE EXISTING 3" SANITARY PIPING WITHIN EXISTING PIPE TUNNEL THRU TO EXISTING BASEMENT. TERMINATE EXISTING SANITARY BRANCHES FLUSH TO EXISTING SURFACE WITH AIR TIGHT CAP.
- SAW CUT FLOOR IN PREPARATION OF INSTALLATION OF NEW PLUMBING FIXTURES. REFER TO FLOOR ABOVE FOR FIXTURES AND PIPE ROUTING.
- SAW CUT FLOOR AS REQUIRED TO INSTALL FLOOR DRAIN, SANITARY PIPE, SUMP PIT AND PUMP.
- ROUTE SUMP DISCHARGE UP UNDER SIDE OF STAIRS TO CEILING SPACE. THEN OVER TO AND UP IN WALL ON FLOOR ABOVE. COORDINATE ROUTING WITH COLD WATER SUPPLY PIPE SERVING DWH-1 ON FLOOR ABOVE.
- ROUTE NEW 6" COMBINATION FIRE PROTECTION AND DOMESTIC WATER ENTRY UP TO FIRST FLOOR.
- ROUTE 3/4" COLD WATER AND 3/4" HOT WATER RETURN DOWN FROM FLOOR ABOVE AND CONNECT TO WATER HEATER PER "WATER HEATER CONNECTION DETAIL".
- ROUTE 3/4" HOT WATER PIPING AS HIGH AS POSSIBLE OVER TO AND UP INTO WALL ON FLOOR ABOVE.
- ROUTE 3/4" COLD WATER AS HIGH AS POSSIBLE OVER TO UP IN WALL AND THROUGH FLOOR ABOVE INTO WALL ON FLOOR ABOVE. COORDINATE ROUTING WITH SUMP PUMP DISCHARGE PIPE.
- NEW 6" COMBINATION FIRE PROTECTION AND DOMESTIC SUPPLY ENTRY. REFER TO SHEET U101 AND CIVIL PLANS FOR ORIENTATION.

