























**MAIN FLOOR**

## KEY PLAN

NTS

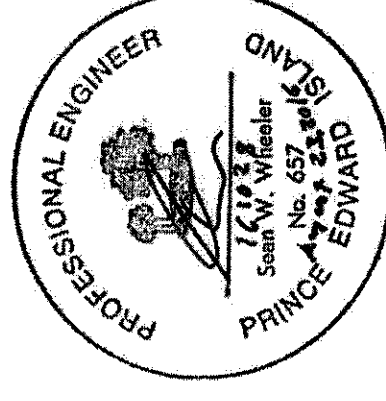
- |   |                                       |
|---|---------------------------------------|
|  | EXISTING DUCT                         |
|  | EXISTING DUCT TO BE REMOVED           |
|  | EXISTING FLOOR DIFFUSER               |
|  | FLOOR DIFFUSER TO BE RELOCATED        |
|  | RELOCATED FLOOR DIFFUSER              |
|  | EXISTING THERMOSTAT TO BE RELOCATED   |
|  | RELOCATED THERMOSTAT                  |
|  | EXISTING SENSOR TO BE RELOCATED       |
|  | RELOCATED SENSOR                      |
|  | EXISTING DOW LINE                     |
|  | EXISTING DOW LINE TO BE REMOVED       |
|  | NEW DOW LINE                          |
|  | EXISTING SAN. LINE                    |
|  | EXISTING SAN. LINE TO BE REMOVED      |
|  | EXISTING SPRINKLER LINE               |
|  | EXISTING SPRINKLER LINE TO BE REMOVED |
|  | EXISTING UPRIGHT SPRINKLER            |
|  | NEW OR RELOCATED UPRIGHT SPRINKLER    |
|  | EXISTING CONCEALED SPRINKLER          |
|  | SUPPLY DIFFUSER w/ DAMPER BOX BELOW   |
|  | DIRECTION OF AIRFLOW                  |
|  | T.P. IN POINT                         |

VENTILATION NOTES:

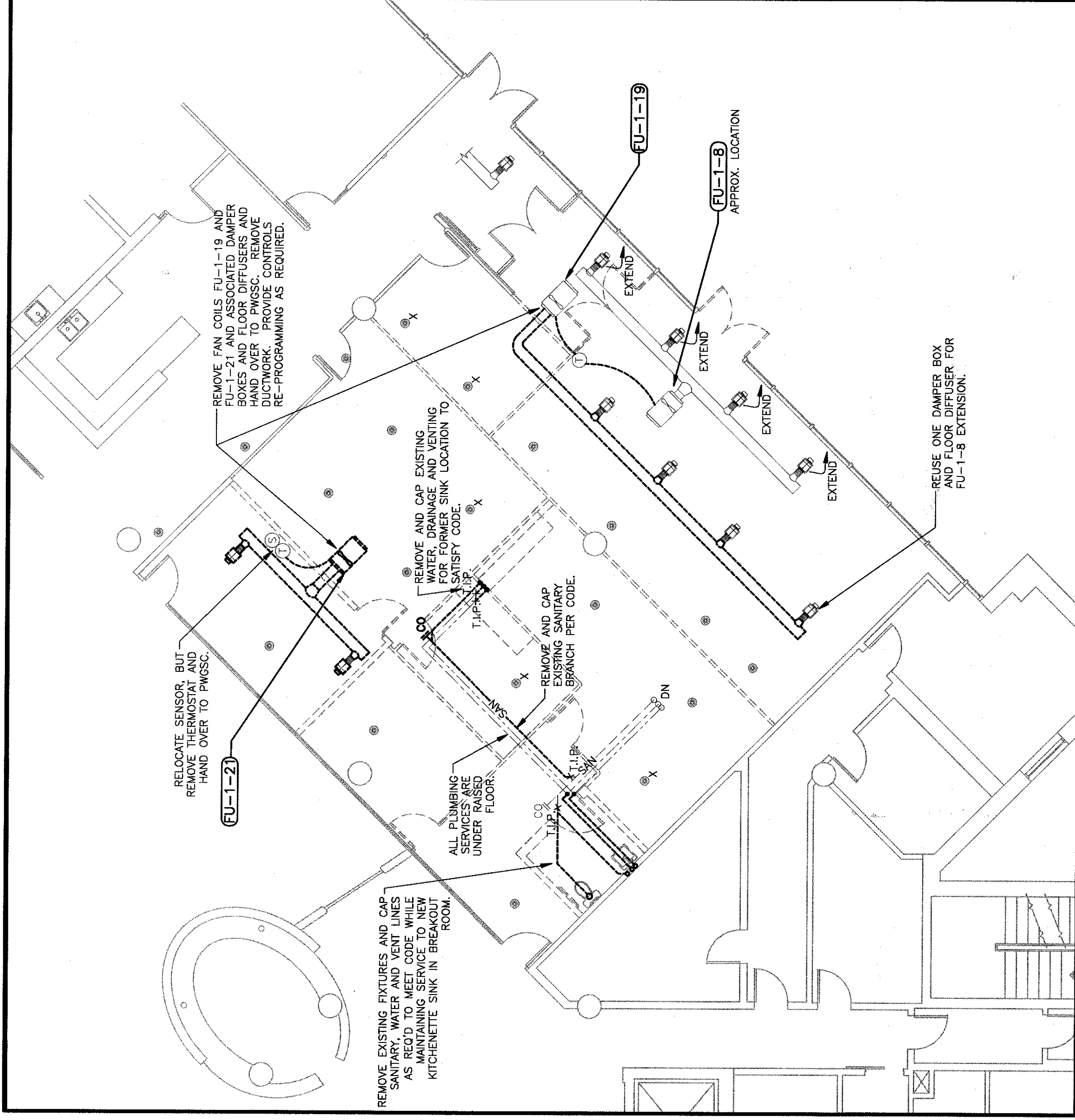
1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH N.E.C.C., N.E.P.A., SIAMCA, DUTCH STANDARDS AND ALL APPLICABLE LAWS AND REGULATIONS UNDER AUTHORITIES HAVING JURISDICTION (A.L.U.).
  2. ALL WORK SHALL BE COORDINATED WITH ALL OTHER DIVISIONS.
  3. ALL ELBOWS WITH RADIUS LESS THAN 1.6 TIMES THE DUCT DIAMETER SHALL BE SUPPLIED WITH TURNING VANES.
  4. CONTRACTOR SHALL USE AS MUCH MATERIAL AS POSSIBLE TO PROVIDE NEW ONLY WHERE REQUIRED. REUSE EXISTING MATERIALS, DUCTWORK, BRASSERS, BRACKET BOLTS AND CONTROLS.
  5. CONTRACTOR IS RESPONSIBLE FOR MAKING MODIFICATIONS TO THE EXISTING BUILDING AUTOMATION SYSTEMS TO ACCOMMODATE THE NEWLY NOTED HEREIN. EXISTING CONTROL SYSTEM IS REMAINS UNCHANGED.
  6. ALL TRANSFER DUCTS TO BE ADJUSTIVELY LINED WITH FIREGLASS INSULATION, PROVIDE ACOUSTIC LINER, INSULATE WITH 100MM POLYURETHANE INSULATION AND ANCHORED INTO CONCRETE SLABING MINIMUM 1.5 INCHES. PAINT DUCTWORK, HANGERS AND TRIM WHITE.
- SPRINKLER NOTES:**
1. REFERENCES TO SPRINKLER SYSTEMS WITHIN THESE DRAWINGS SHALL BE TO THE SPRINKLER SYSTEMS, PIPING AND HEADS ON SITE AND IS NOT FOR CONSTRUCTION. ALL SPRINKLER INFORMATION SHOWN IS FOR INFORMATION PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE TO ENSURE ALL SPACES ARE PROTECTED AS PER CODE.
  2. EXIST LOCATION OF SPRINKLER HEADS TO BE IDENTIFIED BY REFLECTED CEILING PLAN - SEE ARCH. DRAWINGS.
  3. CONTRACTOR SHALL REVIEW THE SITE PRIOR TO TENDER CLOSE TO CONFIRM REQUIRED SPRINKLER HEAD LOCATIONS AND QUANTITY, RISER LOCATIONS, AND ALMOST INCREASE WILL BE GIVEN FOR FAILURE TO MAKE THIS REVIEW.
  4. CONTRACTOR IS RESPONSIBLE FOR HYDRAULICALLY DESIGNING THE SPRINKLER SYSTEMS AS REQUIRED FOR THEIR DESIGN.
  5. ABOVE ALL, THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK IN ORDER TO PROVIDE AND ENSURE THAT ALL SPACES NOTED ARE PROTECTED ACCORDING TO CODE. CONTRACTOR SHALL PROVIDE ALL PROTECTIVE WORK BY A.I.U. PROVIDE STAMPED ENGINEER DRAWINGS AND HYDRAULIC OCCUPATIONS AS REQUIRED.
  6. REFER TO ARCH. DRAWINGS FOR LOCATION OF ALL PROTECTIVE WORK AND ALL PROTECTIVE WORKS. PROVIDE THE STOPPING REQUIRED BY A.B.C.
  7. CONTRACTOR RESPONSIBLE FOR COORDINATING WITH C.C. FOR FINAL LOCATION OF ALL PIPING.

SPRINKLER NOTES:

1. REFERENCES TO SPRINKLER SYSTEMS WITHIN THESE DRAWINGS SHALL BE TO THE SPECIFICATIONS, INSTALLATION PRINCIPLES AND HEADS ON SITE. IT IS NOT TO BE CONSIDERED THAT THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION. ALL SPRINKLER INFORMATION SHOWN IS FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE ALL SPACES ARE PROTECTED AS PER CODE.
2. EXACT LOCATION OF SPRINKLER HEADS TO BE INDICATED ON ARCHITECT DRAWINGS.
3. CONTRACTOR SHALL REVIEW THE SITE PRIOR TO TENDER CLOSE TO CONFIRM REQUIRED SPRINKLER HEAD LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED WORK AS INTERFERED BY THIS PLAN. NO COST REVISION WILL BE GIVEN FOR FAILURE TO MAKE THIS REVIEW.
4. CONTRACTOR IS RESPONSIBLE FOR HYDRAULICALLY SIZING ALL SPRINKLER COMPONENTS AS REQUIRED FOR THEIR DESIGN.
5. ABOVE ALL ELSE, CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING AND NEW SERVICES. ALL SPACES NOTED ARE PROTECTED ACCORDING TO CODE. ALL EXISTING AND NEW SERVICES SHALL BE PROTECTED BY AN APPROVED STAMPED ENGINEER. DRAWINGS AND HYDRAULIC CALCULATIONS AS REQUIRED.
6. REFER TO ARCHIT. DRAWINGS FOR LOCATION OF ALL SERVICES. CONTRACTOR SHALL PROVIDE FIRE STOPPING REQUIRED BY ALL SERVICES.
7. CONTRACTOR RESPONSIBLE FOR COORDINATING WITH C.C. FOR FINAL LOCATION OF ALL PIPING.

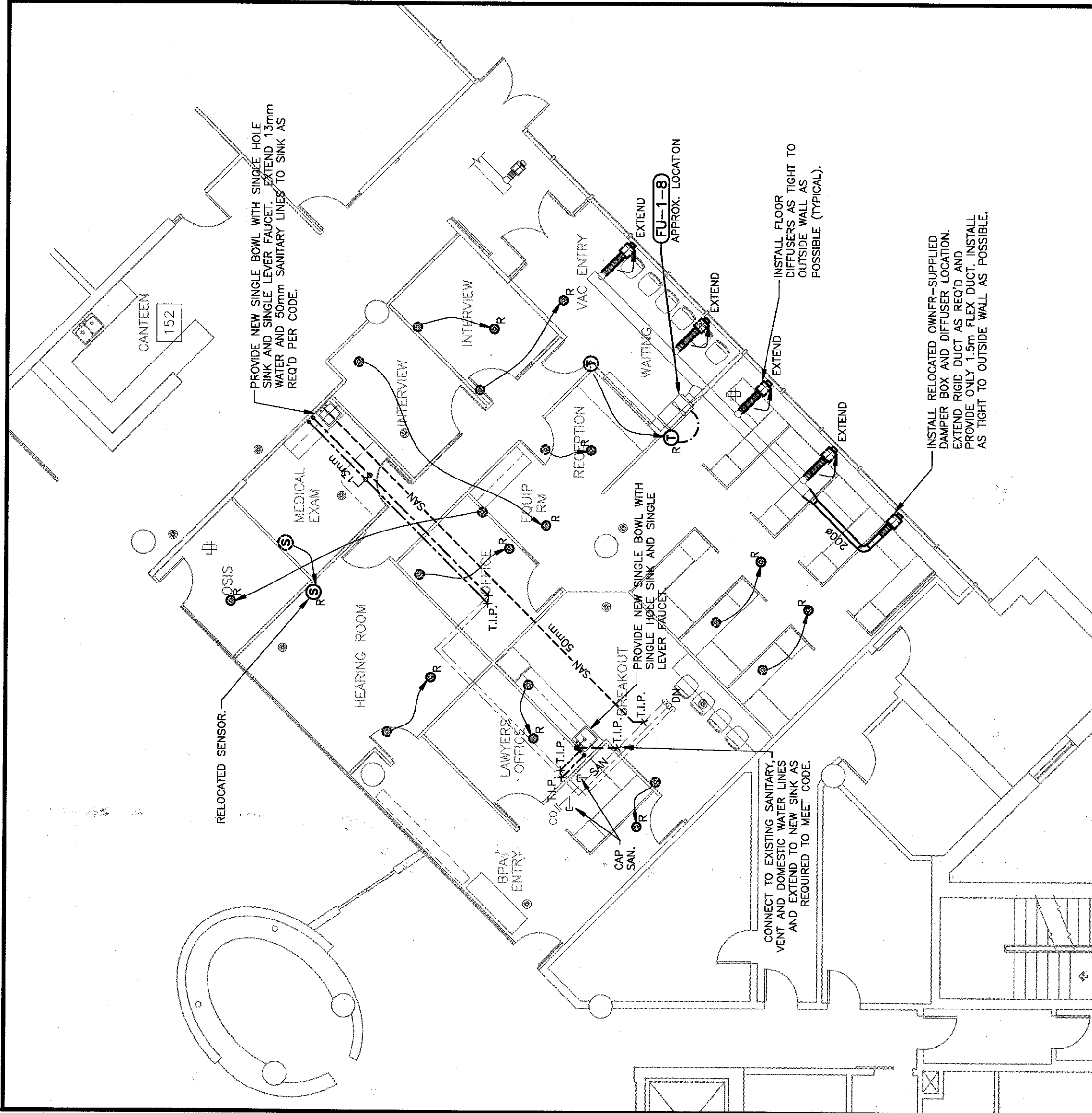


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project number	no. du projet	
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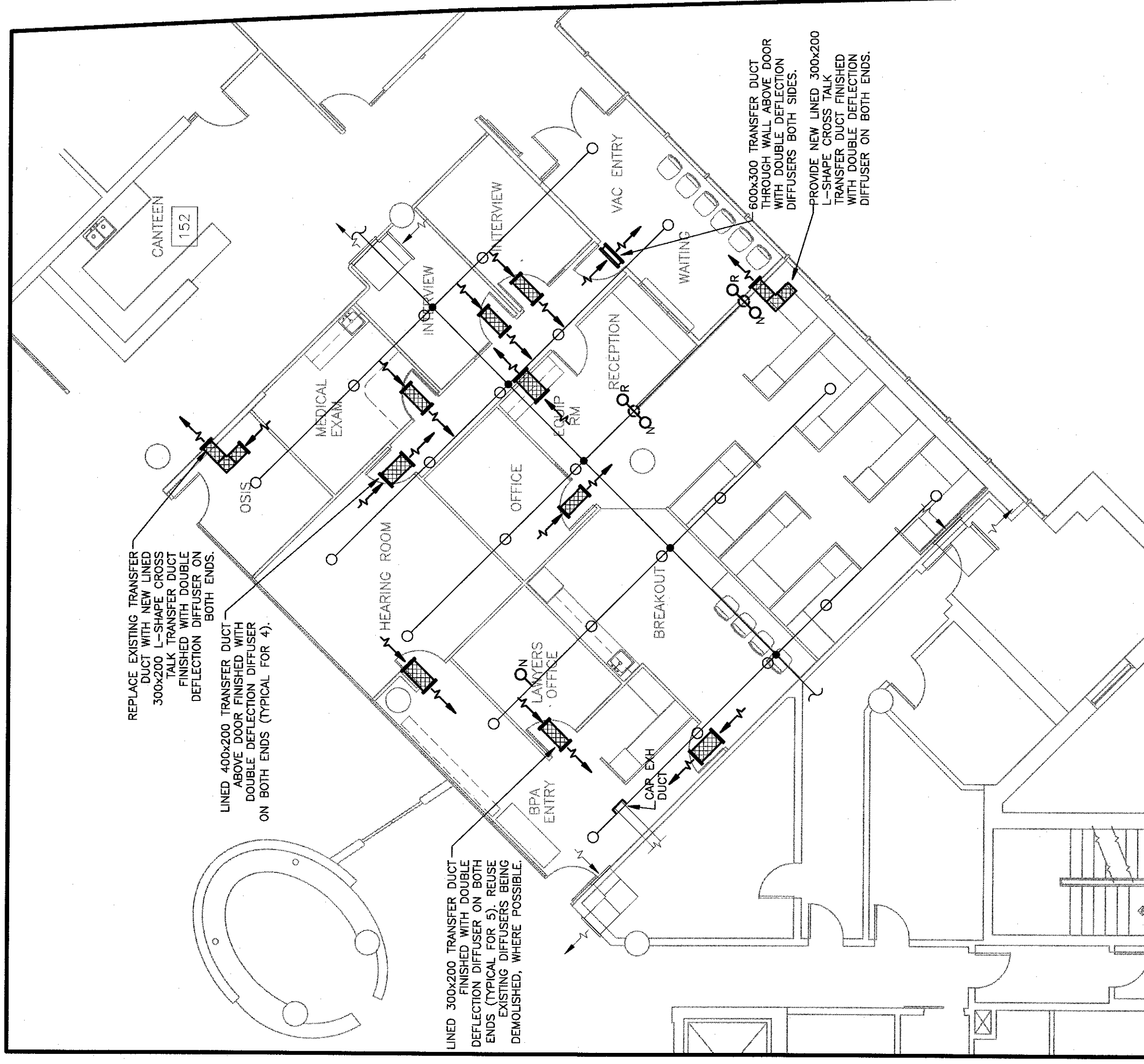
## UNDER FLOOR PLUMBING & HVAC DEMO PLAN

**SCALE : 1:100**



## UNDER FLOOR PLUMBING & HVAC RENOVATION PLAN

100



## CEILING LEVEL FIRE & HVAC RENOVATION PLAN

**SCALE : 1:100**

