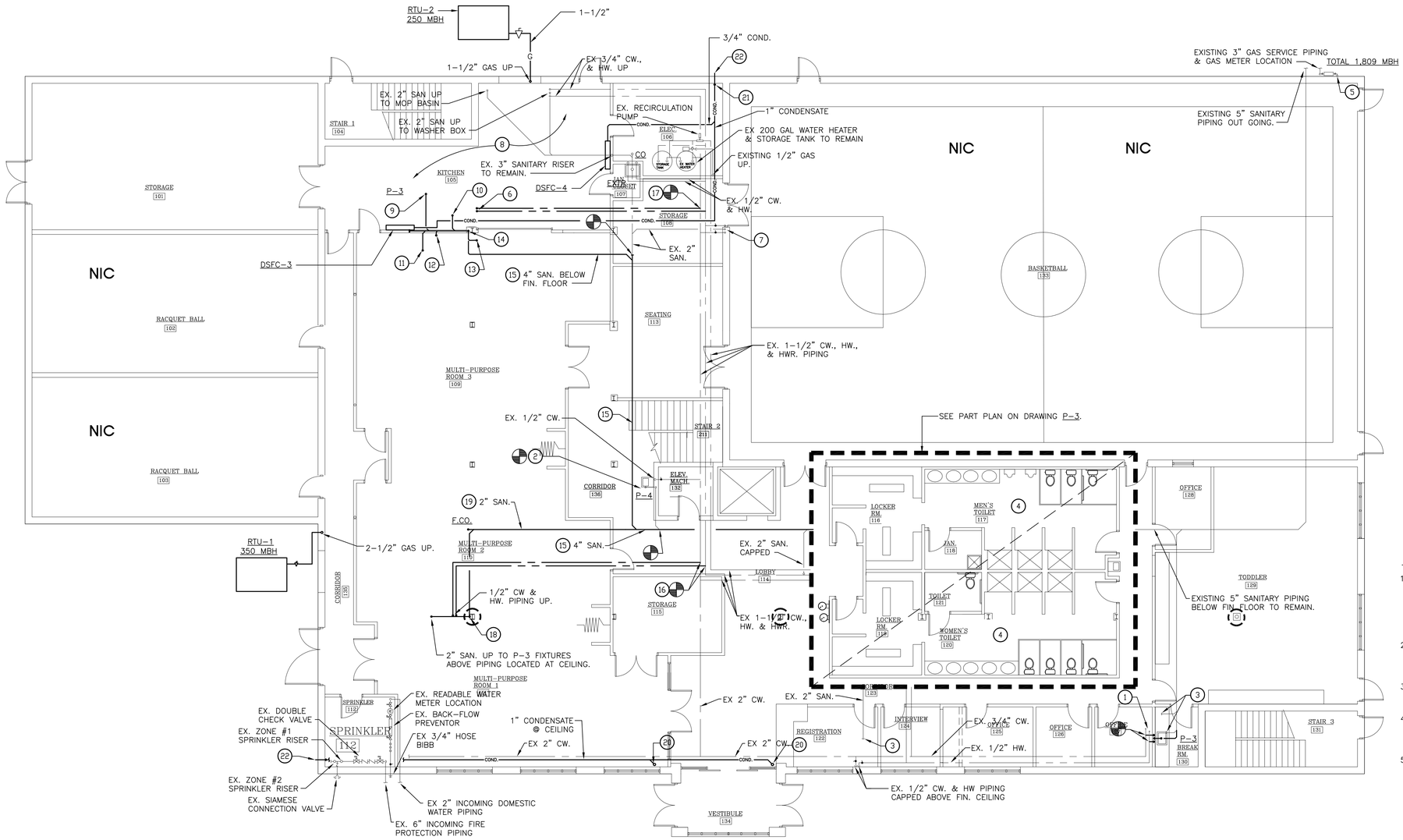

FIRST FLOOR PLAN - PLUMBING NEW WORK

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

DRAWING NOTES:

1. CAP EXISTING COLD & HOT WATER PIPING AT THIS POINT.
2. CONNECT NEW WATER COOLER TO THE EXISTING SANITARY AND DOMESTIC WATER PIPING. WATER COOLER TO BE MOUNTED AT ADA HEIGHT.
3. CAPPED EXISTING SANITARY PIPING BELOW FINISHED FLOOR.
4. ALL PLUMBING FIXTURES, & FLOOR DRAINS LOCATED IN THE MEN'S AND WOMAN'S SHOWER ROOM ARE TO REMAIN. REFER TO NEW WORK FLOOR PLAN PLUMBING FOR SERVICE CONNECTIONS TO NEW FIXTURES IN THIS AREA.
5. EXISTING GAS SERVICE PIPING UP ON EXTERIOR WALL TO SECOND FLOOR CEILING.
6. NEW 1" CW. & 3/4" HW. PIPING UP TO SECOND FLOOR LEVEL.
7. EXISTING 1/2" CW, & HW. RISERS AND 2" SANITARY RISER PIPING UP TO NEW SINK ABOVE. RE-ROUTE PIPING FOR CONNECTIONS.
8. REFER TO DRAWING P-3 FOR KITCHEN PART PLAN PLUMBING NEW WORK.
9. 2" SANITARY PIPING UP TO SERVE PLUMBING FIXTURES P-2 & P-3. ABOVE.
10. 3" SANITARY PIPING UP TO 3" FLOOR DRAIN ABOVE.
11. 2" SANITARY PIPING UP TO P-3 FIXTURE ABOVE.
12. 4" SANITARY PIPING UP TO P-1 FIXTURE ABOVE.
13. 2" SANITARY PIPING UP TO WATER COOLER FIXTURE ABOVE.
14. 4" SANITARY UP & DOWN BELOW FINISHED FLOOR, PROVIDE CLEAN OUT AT BASE OF RISER.
15. SAW CUT FINISHED FLOOR FOR THE INSTALLATION OF NEW 4" SANITARY PIPING.
16. CONNECT NEW 1/2" CW. & HW. PIPING TO EXISTING WATER MAINS AT THIS POINT.
17. CONNECT NEW 1" CW. & 3/4" HW. PIPING TO EXISTING WATER MAINS AT THIS POINT.
18. NEW 2" SANITARY RISER PIPING UP TO CEILING, PROVIDE RISER WITH CLEANOUT AT THE BASE OF RISER.
19. CONTRACTOR SHALL SAW CUT THE EXISTING FINISHED FLOOR FOR THE INSTALLATION OF NEW 2" SANITARY PIPING, CONTRACTOR SHALL COORDINATE PIPING INVERT FOR THE PROPER CONNECTION.
20. 3/4" CONDENSATE PIPING @ CEILING TO SERVE UNIT ABOVE.
21. 1" CONDENSATE PIPING DOWN.
22. 1" CONDENSATE PIPING TO DISCHARGE ONTO GRADE. PROVIDE CONDENSATE PIPING DISCHARGE WITH WATER TIGHT SLEEVE & SPLASH BLOCK.
23. LITTLE GIANT CONDENSATE PUMP MODEL EC-400. 115V, 0.24 AMP. ACCESS PANEL SHALL BE INSTALLED ON WALL TO SERVICE PUMP.

FIRE PROTECTION NOTES:

1. FURNISH AND INSTALL A WET-PIPE SPRINKLER SYSTEM TO ACCOMODATE THE NEW CONSTRUCTION PLAN. THE SPRINKLER CONTRACTOR IS RESPONSIBLE FOR VERIFYING HAZARD CLASSCIFICATION WITH THE FIRE MARSHAL. THE SPRINKLER CONTRACTOR IS RESPONSIBLE FOR ALL HYDRALLIC CALCULATIONS SYSTEM DESIGN AND DESIGN DRAWINGS. REFERANCE ARCHITURAL DRAWINGS FOR LAYOUT AND BUILDING DETAILS. FIRE PROTECTION DESIGN SHALL INCLUDE ALL EXTERIOR AREAS COVERED BY CANOPYES, WHERE APPLICABLE.
2. THE SPRINKLER SYSTEM AND ITS ANCILLARIES SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NFPA 13R AND NFPA CODE REQUIREMENTS. THE SYSTEM DESIGN SHALL BE SUBJECT TO THE REVIEW AND APPROVAL OF THE FIRE MARSHAL HAVING JURISDICTION.
3. SPRINKLER HEADS SHALL BE AUTOMATIC QUICK RELEASE BULB TYPE WITH ORDINARDY TEMPERATURE CLASSFICATION, 165°F SET POINT. PROVIDE INTERMEDIATE OR HIGH TEMPERATURE HEADS ONLY WHEN REQUIRED.
4. PRIOR TO SUBMISSION OF WORKING DRAWINGS TO THE AUTHORITY HAVING JURISDICTION, THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT/ENGINEER DRAWINGS AND CALCULATIONS FOR THE PURPOSE OF SPRINKLER HEADS AND PIPING LOCATIONS AND OTHER ITEMS.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN, SUBMIT, OBTAIN APPROVAL OF DESIGN CALCULATIONS AND WORKING PLANS TO THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR IS REQUIRED TO SUBMIT A PERLIMINARY DESUGN TO THE AUTHORITY HAVING JURISDICTION FOR THE PURPOSE OF REVIEW OF SPRINKLER HEAD AND PIPING LOCATIONS AND OTHER RELATED ITEMS. UPON APPROVAL FROM THE AUTHORITY HAVING JURISDICTION, THE CONTRACTOR SHALL SUBMIT SEALED DESIGN DOCUMENTS BY A LICENSED FIRE PROTECTION DESIGNER. THE ABOVE PROCEDURE SHALL BE COMPLETED BEFORE INSTALLATION AND MODIFICATION BEGIN.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HYDRAULIC DESIGN, SPRINKLER HEAD LAYOUT AND PIPE SIZING.
7. BEFORE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, SUBMIT ASSE 5013 INSTALLATION REPORTS FOR THE BACKFLOW PREVENTION ASSEMBLES.
8. FIRE PROTECTION CONTRACTOR SHALL PROVIDE NEW FIRE PROTECTION SYSTEM FOR THE SCOPE SPACE IN ACCORDANCE WITH NFPA CODES AND REGULATIONS. ALL SPRINKLER MAINS AND BRANCH PIPING SHALL BE CONCEALED WITHIN THE NEW CEILING SPACE. CONTRACTOR SHALL REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR PROPOSED SPRINKLER HEAD LOCATIONS. CONTRACTOR SHALL PROVIDE A CONCEPT PLAN FOR APPROVAL BY ARCHITECT PRIOR TO PREPARATION OF SHOP DRAWINGS AND HYDRAULIC CALCULATIONS. PROVIDE SHOP DRAWINGS FOR APPROVAL, ALL SPRINKLER HEADS SHALL BE CONCEALED RECESSED TYPE.

GENERAL NOTES:

A. REFER TO DATA SHEET FOR PLUMBING SYMBOLS AND ABBREVIATIONS.

B. REFER TO PLUMBING RISER DIAGRAMS FOR ADDITIONAL SIZING OF UTILITIES AND PIPING.

C. FOR PLUMBING FIXTURES AND EQUIPMENT, REFER TO PLUMBING SCHEDULE SHEET.

D. DOMESTIC WATER PIPING IS LOCATED ABOVE FINISHED CEILING, UNLESS NOTED OTHERWISE.

E. CONTRACTOR SHALL FIELD VERIFY THE EXISTING PLUMBING CONDITIONS, BEFORE THE START OF WORK.

F. FIRE PROTECTION CONTRACTOR SHALL FIELD VERIFY THE EXISTING SPRINKLER HEAD LOCATIONS. CONTRACTOR SHALL ADJUST ANY SPRINKLER HEAD CONFLICT WITH THE NEW ROOM LAY-OUT. CONTRACTOR SHALL PROVIDE THE PROPER COVERAGE TO THE NEW ROOM LAY-OUT.

G. CONTRACTOR SHALL PROVIDE 1/16" INVERT FOR THE CONDENSATE PIPE ROUTING.

REVISIONS

MODIFICATIONS TO WALDORF SENIOR & RECREATIONAL CENTER

CHARLES COUNTY, MARYLAND

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PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 16001, Expiration Date: 4/26/20

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DRAWN BY: SAM
CHK'D BY: TAM
PROJECT NO: 2018

P1

(PERMIT SET 7-26-18)