PLUMBING GENERAL NOTES
1. DRAWINGS ARE SPECIFICATIONS AND CONTRACTOR - WHATEVER IS CALLED FOR ON DRAWINGS IS TO BE CONSIDERED AS PROJECT CALLED FOR.
2. THE EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED. THE USE OF EQUIPMENT SPECIFIED IS THE EQUIPMENT TO BE INSTALLED.
3. ALL WORK SHALL CONTINUE TO COMPLETE INSTALLATION OF ALL BUILDING COOKING, FIRE, COLD, HOT, AND HOT WATER PIPING SYSTEMS. WHERE ALTERNATIVE ROUTING, OFFSETS, AND TRANSITIONS ARE REQUIRED, CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND INVERT ELEVATIONS OF EXISTING SYSTEMS PRIOR TO SUBMITTING FINAL BIDS, FABRICATION, OR MANUFACTURING.
4. DRAWINGS ARE DIRECTIONAL AND SHOW THE GENERAL DESIGN, RISER, LAYOUT, CABINET, DECK, ETC. THEY SHOULD BE READ IN THE DIRECTION SHOWN AND NOT AS MANUFACTURERS OR CONSTRUCTION SPECIFICATIONS. WHERE ALTERNATIVE ROUTING, OFFSETS, AND TRANSITIONS ARE REQUIRED, CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND INVERT ELEVATIONS OF EXISTING SYSTEMS PRIOR TO SUBMITTING FINAL BIDS, FABRICATION, OR MANUFACTURING.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND INSTALLATION OF ALL BLOW OUTS, CHECK VALVES, THERMOS TRAPS, PRESSURE TRAPS AND ALL REQUIREMENTS AS STATED IN THE DRAWINGS AND SPECIFICATION.
6. ALL FIELD INSTALLATIONS MUST BE IN ACCORDANCE WITH BOROUGH RECOMMENDATIONS AND CONTRACTS INCORPORATING EXACTLY THE SAME SYSTEMS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND PATCHING OF DAMAGED ARCHITECTURAL COMPONENTS TO MATCH AND CONTRIVE WITH THE Surrounding Area.
8. PROVIDE REDLINE MARKUPS OF ANY FIELD CHANGES OR MODIFICATIONS ON THE CONSTRUCTION DOCUMENTS. REDLINE DRAWINGS SHALL BE REQUIRED WHETHER COORDINATE DRAWINGS ARE REQUIRED OR NOT.
9. ABOVE GRADE GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE IRON FITTINGS. BELOW GRADE GAS PIPING SHALL BE SCHEDULE 80 BLACK STEEL WITH MALLEABLE IRON FITTINGS. ABOVE GRADE SANITARY PIPING SHALL BE SCHEDULE 40 PVC. BELOW GRADE SANITARY PIPING SHALL BE SCHEDULE 80 PVC WITH MALLEABLE IRON FITTINGS.
10. PROVIDE INSULATION SHEETS AT ALL HANGERS WITH HANGERS CLEMEN'TED.
11. CLEAN OUTS SERVING 5" AND 6" PIPE SYSTEMS SHALL BE 4". CLEAN OUTS SERVING 8" PIPING SYSTEMS SHALL BE 6". CLEAN OUTS SERVING, 10" AND LARGER, SHALL BE 8".
12. ALL WALL AND POOL CLEAN OUTS, SHALL BE 4". CLEAN OUTS SERVING 5" AND 6" PIPE SYSTEMS SHALL BE 4". CLEAN OUTS SERVING 8" PIPING SYSTEMS SHALL BE 6". CLEAN OUTS SERVING, 10" AND LARGER, SHALL BE 8".
13. THE INSTALLATION OF ANY PIPING SYSTEMS.
14. THE USE OF REVIEWED OR TESTED EQUIPMENT.
15. WHERE ALTERNATIVE ROUTING, OFFSETS, AND TRANSITIONS ARE REQUIRED, CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND INVERT ELEVATIONS OF EXISTING SYSTEMS PRIOR TO SUBMITTING FINAL BIDS, FABRICATION, OR MANUFACTURING.
16. ALL NEW COLD, HOT AND HOT WATER CIRCULATING PIPING SHALL BE TYPE "L" HARD DRAWN COPPER CONFIRMING TO LEAD-FREE STANDARDS WITH CAST BRONZE OR WROUGHT COPPER FITTINGS, SOLDER JOINT TYPE USING ONLY LEAD FREE SOLDER.
17. THIS SHALL INCLUDE ALL NEW AND EXISTING PLUMBING ITEMS REQUIRING ACCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND PATCHING OF DAMAGED ARCHITECTURAL COMPONENTS TO MATCH AND CONTRIVE WITH THE Surrounding Area.
18. ALL WALL AND POOL CLEAN OUTS, SHALL BE 4". CLEAN OUTS SERVING 5" AND 6" PIPE SYSTEMS SHALL BE 4". CLEAN OUTS SERVING 8" PIPING SYSTEMS SHALL BE 6". CLEAN OUTS SERVING, 10" AND LARGER, SHALL BE 8".
19. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND INVERT ELEVATIONS OF ALL EXISTING UTILITIES AT THE SITE PRIOR TO THE INSTALLATION OF ANY PIPING SYSTEMS.
20. ALL NEW COLD, HOT AND HOT WATER CIRCULATING PIPING SHALL BE TYPE "L" HARD DRAWN COPPER CONFIRMING TO LEAD-FREE STANDARDS WITH CAST BRONZE OR WROUGHT COPPER FITTINGS, SOLDER JOINT TYPE USING ONLY LEAD FREE SOLDER.

PLUMBING DRAWING INDEX

DESIGN DATA
LOCATION: WELD COUNTY, CO.

PIPING SYSTEM NOTES
1. ALL WIRING DOES NOT HAVE WIRING CODE.
2. OTHER PIPING SHALL NOT BE TIGHT FOR THE SPECIFICATION.
### PLUMBING FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>T#G</th>
<th>ITEM</th>
<th>MANUFACTURER</th>
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<th>FINISH</th>
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<tbody>
<tr>
<td>M3G</td>
<td>WATER CURTAIN</td>
<td>AMERICAN STANDARD</td>
<td>DAYT-200AG-A</td>
<td>MATT</td>
<td>MULTIPLE FOOT PILOT, 1 1/2&quot; ELBOWS FOR ORB, VARIOUS SPARCE, 1 1/4&quot; TOUGH, SCHEDULE 40, ASTM A53 API 5L X 60, COMMERCIAL HEAVY-DUTY COATED FOR WHITE, MATT FINISH</td>
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### LAUNDRY SINK

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<td>L1G</td>
<td>SINK</td>
<td>SINKS DIRECT</td>
<td>CRN2004-E</td>
<td>MATT</td>
<td>UNDERCOUNTER, 15 1/2&quot; X 18 1/2&quot; X 10&quot; TALL, VENTED DRAINS, FRONT OVERFLOW</td>
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### SINKS

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<td>SINK</td>
<td>STANLEY TILERY</td>
<td>1230182</td>
<td>POLISHED STAINLESS</td>
<td>STAINLESS STEEL FACET, LEAD FREE, RGB COOL, COOLING, ASH COMPANY (5) DRAIN TRAPS</td>
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### SINKS / FAUCET

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<td>CHROME</td>
<td>STAINLESS STEEL FAUCET, SELF-RAMPS, CENTRAL MANUFACTURING</td>
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### LAUNDRY TUB

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### SINKS / FACET

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<td>STANLEY TILERY</td>
<td>1230182</td>
<td>CHROME</td>
<td>CHROME, 1 1/2&quot; X 1 1/4&quot; X 3 1/2&quot;</td>
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### BATHROOM VICTORIAN

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<tr>
<td>V1G</td>
<td>BATHROOM VICTORIAN</td>
<td>STERLING</td>
<td>SI-M152</td>
<td>CHROME</td>
<td>VICTORIAN DECO, 15&quot; X 15&quot; X 12 1/2&quot;</td>
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### FLOOR CRAWN

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<td>C1G</td>
<td>FLOOR CRAWN</td>
<td>INOVAR</td>
<td>302-SM45</td>
<td>PLAIN</td>
<td>CAST IRON, SQUARE, FLUSH BOX, INDIAN SANDSTONE, ROUND FACE GAGE, POLISHED</td>
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### FIRE EXTINGUISHERS

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<th>T#G</th>
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<td>EXTINGUISHER</td>
<td>INOVAR</td>
<td>SI-M152</td>
<td>PLAIN</td>
<td>CAST IRON, SQUARE, FLUSH BOX, INDIAN SANDSTONE, ROUND FACE GAGE, POLISHED</td>
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### GAS FIRED WATER HEATER SCHEDULE

- **Date of Installation:** 01/24/2020
- **Model:** G2CE.COM

### GAS PRESSURE REGULATOR VALVE

- **Type:** 3/4" FNPT x 3/4" MNPT
- **Connection:** 1/2"

### CIRCULATORY PUMP SCHEDULE

- **Location:** 3/4" FNPT x 3/4" MNPT
- **Connection:** 1/2"
WORK NOTES:

1. ROUTE 1-1/4" CW BACK TO ADJACENT BUILDING AND CONNECT TO EXISTING 1-1/2" CW LOCATED IN CORRIDOR CEILING. APPROXIMATE DISTANCE FROM THIS POINT TO CONNECTION POINT IS 50'. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT CONNECTION POINT AND SHUT-DOWN TIME WITH ADJACENT TENANT.

2. ROUTE 3/4" CW AND 1/2" HW DOWN WALL. PROVIDE 1/2" CW AND HW TO LAV AND 1/2" CW TO WATER CLOSET. LOOP HW TO WITHIN 2' OF LAV.

3. PROVIDE GAS SHUT-OFF VALVE AND PRV-1.


5. ROUTE 1" CW & HW TO THERMOSTATIC MIXING VALVE PROVIDED WITH EEWS-1. PROVIDE 1" TEMPERED WATER TO FROM MIXING VALVE TO EEWS-1.

6. REMOVE EXISTING WALL HYDRANT AND CAP COLD WATER LINE. COORDINATE DEMO WORK WITH ADJACENT TENANT TO AVOID DISRUPTION.

7. 1-1/4" G ROUTED ON ROOF OF ADJACENT BUILDING BACK TO EXISTING GAS METER HEADER. APPROXIMATE DISTANCE FROM THIS POINT BACK TO METER IS 175'. COORDINATE WITH GAS SERVICE PROVIDER FOR AN ADDITIONAL BUILDING USE OF 1,028 CFH (1,028 MBH).

8. GAS PIPING ROUTED THROUGH.

9. 1/8" = 1'-0" SCALE: FLOOR PLAN - WATER & GAS

10. 01/24/2020
WORK NOTES:

1. Connect new 4" SS to existing grade cleanout. Plumbing contractor to field verify exact location.
2. Do not trap trench drain. Sand/oil interceptor shall serve as trap for fixture.
3. Position 2x4 makeup through slab. Connect with 2/3" vent and continue up to P trap.
4. 2" COTG-1 vent.
5. Use at least 4" flanges.
6. Floor null through wall - coordinate with architectural drawings.

01/24/2020