TO: Plumbing Bidders                               DATE: 09/26/19
FROM: Tony Malouf                                  PROJECT NAME: OUMPH!

PROJECT NO.: 6010.1000

SUBJECT: Addendum 1 to the Plumbing Bid Package

MESSAGE: This addendum forms an integral part of the above-mentioned bid package. The original bid package documents and any prior addenda remain in full force and effect, except as modified by the information contained herein, which shall take precedence over any contrary provisions in the prior documents.

This ADDENDUM is to clarify some items that are not covered or have been modified in the bid documents.

A. Answers to Questions from Bidders:

1. There are NO QUESTIONS from Bidders for this Addendum.

B. Changes to Drawings:

<table>
<thead>
<tr>
<th>Drawing No.</th>
<th>Title</th>
<th>Release/Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1.001</td>
<td>PLUMBING EXISTING SITE UTILITY PLAN</td>
<td>B/9.26.2019</td>
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<tr>
<td>PD1.100</td>
<td>PLUMBING UG DEMO PLAN</td>
<td>B/9.25.2019</td>
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<tr>
<td>P1.101</td>
<td>PLUMBING UG NEW FLOOR PLAN</td>
<td>B/9.25.2019</td>
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<tr>
<td>P1.201</td>
<td>PLUMBING AG PARTIAL NEW FLOOR PLAN</td>
<td>C/9.26.2019</td>
</tr>
<tr>
<td>P1.210</td>
<td>PLUMBING AG PARTIAL NEW FLOOR PLAN</td>
<td>B/9.25.2019</td>
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<tr>
<td>P5.004</td>
<td>PLUMBING SCHEDULES</td>
<td>B/9.26.2019</td>
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<tr>
<td>R028401</td>
<td>STEAM SYSTEM PLAN APPROVAL</td>
<td>A/9.26.2019</td>
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<tr>
<td>R028402</td>
<td>STEAM SYSTEM PID APPROVAL</td>
<td>A/9.26.2019</td>
</tr>
<tr>
<td>PID1.09</td>
<td>STEAM GENERATOR PID</td>
<td>C/9.26.2019</td>
</tr>
</tbody>
</table>

(Note: entire drawing set re-issued for clarity)

C. Changes to Specifications:

1. There are NO CHANGES to the SPECIFICATIONS by reason of this Addendum.
D. Changes to Bid Documents:

   a. Contractor to demolish existing copper pipes, fittings, and associated material within leased space, back to the header.

   b. Contractor to supply and install additional drain and UG piping added to steam generator area (facility north)

   c. Existing water supply line moved from facility north to facility west. Scope is to tie into existing 1-1/2” header; add meter, and run pipe as shown on drawings.

   d. Contractor to install owner-provided filter on 2” incoming water line at the facility south.

   e. Contractor to provide and install meter on 2” incoming water line at facility south.

   f. Condensate return scope reduced to piping only.

Please contact me with any problems, questions or concerns.

Best regards,

Tony Malouf
malouf@dennisgroup.com
**General Notes**

1. The contractor shall verify the size, type, location and size of fixtures in the project. All required fixtures must be installed, including fresh water, waste and vent systems. The contractor shall notify the professional plumber to install all fixtures.

2. The contractor shall verify the size, type, location and size of fixtures in the project. All required fixtures must be installed, including fresh water, waste and vent systems. The contractor shall notify the professional plumber to install all fixtures.

3. The contractor shall verify the size, type, location and size of fixtures in the project. All required fixtures must be installed, including fresh water, waste and vent systems. The contractor shall notify the professional plumber to install all fixtures.

4. The contractor shall verify the size, type, location and size of fixtures in the project. All required fixtures must be installed, including fresh water, waste and vent systems. The contractor shall notify the professional plumber to install all fixtures.

5. The contractor shall verify the size, type, location and size of fixtures in the project. All required fixtures must be installed, including fresh water, waste and vent systems. The contractor shall notify the professional plumber to install all fixtures.

6. The contractor shall verify the size, type, location and size of fixtures in the project. All required fixtures must be installed, including fresh water, waste and vent systems. The contractor shall notify the professional plumber to install all fixtures.

**Pipe Identification System**

**Pipe Line Designation**

- **Interior Walls and Ceilings**
  - **PLUMBING**
  - **WASTE**
  - **VENT**

- **Exterior Walls**
  - **PLUMBING**
  - **WASTE**
  - **VENT**

- **Floor Buried in Ground**
  - **PLUMBING**
  - **WASTE**
  - **VENT**

**Pipe Class Specification**

- **PLUMBING**
- **WASTE**
- **VENT**
KEYED NOTES

POINT OF DISCONNECT AT EXISTING PLUMBING. DEMOLISH PIPING UPSTREAM AS SHOWN AND CAP EXISTING PIPE

2 DEMOLISH FLOOR DRAIN / TRENCH DRAIN / CLEAN-OUT. DRAINS / CLEAN-OUTS MAY NOT BE USED FOR NEW WORK SCOPE

GENERAL NOTES

1. EXISTING DRAWINGS ARE BEST ESTIMATES AND SHALL NOT BE DEEMED AS "AS-BUILT". CONTRACTOR SHALL VERIFY EXISTING SIZES AND INVERTS BEFORE COMMENCING ANY WORK AND NOTIFY ENGINEER/PROJECT MANAGER OF ANY DISCREPANCIES.

2. ABOVE GROUND FIXTURES ARE SHOWN FOR CLARITY. REFER TO ABOVE GROUND PLUMBING PLANS.

3. CONTRACTOR SHALL ENSURE THAT THE INSTALLATION OF BRANCHES NOT INDEPENDENTLY VENTED IN THE COMBINATION WASTE/VENT SYSTEM ARE WITHIN 15 FEET FROM THE MAIN VENTED LINE.

4. COORDINATE WITH OTHER TRADES FOR SAWCUTTING. PLUMBING CONTRACTOR SHALL LAY OUT AREA OF SAWCUTTING. SAWCUTTING AND REMOVAL BY OTHERS. EXCAVATION, TRENCHING, BACKFILL, AND COMPACTION BY PLUMBING CONTRACTOR.

5. FINISHED FLOOR IS ASSUMED TO BE 100.00'.

PLUMBING UG DRAIN DEMO PLAN

1/8"=1'-0"
EXISTING 4" FLOOR DRAIN SHALL REMAIN
EXISTING 4" DOMESTIC WASTE LINE UNDERGROUND SHALL REMAIN.
ABOVE GROUND PLUMBING FIXTURES SHOWN FOR CLARITY. SEE ABOVE GROUND
PLUMBING PLANS FOR FIXTURE TAG. TYPICAL.

CONNECTION TO EXISTING 4" DOMESTIC WASTE LINE.
CLEANOUT TO MATCH PIPE SIZE UP TO 4"

GENERAL NOTES
1. EXISTING DRAWINGS ARE BEST ESTIMATES AND SHALL NOT BE DEEMED AS "AS-BUILT".
   CONTRACTOR SHALL VERIFY EXISTING SIZES AND INVERTS BEFORE COMMENCING
   ANY WORK AND NOTIFY ENGINEER/PROJECT MANAGER OF ANY DISCREPANCIES.
2. ALL PIPES SHALL BE A MINIMUM OF 2" AWAY FROM THE WALL TO MEET SANITARY
   REQUIREMENTS.
3. SEE 1/P6.001 FOR DRAINAGE SPECIALTIES INSTALLATION REQUIREMENTS.
4. ABOVE GROUND FIXTURES ARE SHOWN FOR CLARITY. REFER TO ABOVE GROUND
   PLUMBING PLANS.
5. CONTRACTOR SHALL ENSURE THAT THE PLUMBING SYSTEM IS MOUNTED
   SUCH THAT THE COMBINATION WATER/VENT SYSTEM IS NOT THE TRUE MANSION LINE.
6. COORDINATE WITH OTHER TRADES FOR SAWCUTTING. PLUMBING CONTRACTOR
   SHALL LAY OUT AREA OF SAWCUTTING. SAWCUTTING AND REMOVAL BY OTHERS.
   EXCAVATION, TRENCHING, BACKFILL, AND COMPACTION BY PLUMBING CONTRACTOR.
7. FINISHED FLOOR IS ASSUMED TO BE 100.00'.
GENERAL NOTES
1. PROVIDE STAINLESS STEEL ESCUTCHEON AS PIPE PENETRATIONS THRU WALL.
   AS INDICATED ON DETAILS.
2. PROVIDE AIR GAP FITTING FOR DISHWASHER DRAINAGE.
3. PROVIDE SANITARY SUPPORTS.
4. PROVIDE SHUT OFF VALVES PRIOR TO CONNECTION FOR EACH FIXTURE
5. PROVIDE COLD WATER SUPPLY TO LAVATORIES WITH WATER HAMMER ARRESTOR
   WITH SANITARY SUPPORTS.
6. DOMESTIC WATER PIPE SHALL BE MAINTAINED A MINIMUM 2" OFF WALL AND PROVIDED
   AS INDICATED ON DETAILS.
7. NATURAL GAS LINE CONNECT TO OWNER-PROVDED DRINKING FOUNTAIN
8. CW LINE CONNECT TO OWNER-PROVIDED DISHWASHER. PROVIDE AIR GAP FITTING
9. HW AND CW DROP DOWN TO EEWS-1.
10. STEAM GENERATOR INSTALLED BY OTHERS
11. EXISTING WATER HEATER TO REMAIN
12. CONDENSATE RETURN CONNECTION FOR OWNER-PROVIDED STEAM GENERATOR
13. CW LINE CONNECT TO OWNER-PROVIDED WASH SINK.
14. HW AND CW DROP DOWN TO OWNER-PROVIDED WASH SINK.
15. PROVIDE SHUT OFF VALVES EVERY 100 FT OF PIPE RUN
16. PROVIDE SHUT OFF VALVES PRIOR TO CONNECTION FOR EACH FIXTURE
17. PROVIDE COLD WATER SUPPLY TO LAVATORIES WITH WATER HAMMER ARRESTOR
18. PROVIDE STAINLESS STEEL ESCUTCHEON AS PIPE PENETRATIONS THRU WALL.
19. PROVIDE AIR GAP FITTING FOR DISHWASHER DRAINAGE.
20. PROVIDE SANITARY SUPPORTS.
21. PROVIDE COLD WATER SUPPLY TO LAVATORIES WITH WATER HAMMER ARRESTOR
   WITH SANITARY SUPPORTS.
22. DOMESTIC WATER PIPE SHALL BE MAINTAINED A MINIMUM 2" OFF WALL AND PROVIDED
   AS INDICATED ON DETAILS.
EXISTING DRAWINGS ARE BEST ESTIMATES AND SHALL NOT BE DEEMED AS "AS-BUILT".
CONTRACTOR SHALL VERIFY EXISTING SIZES AND INVERTS BEFORE COMMENCING ANY WORK AND NOTIFY ENGINEER/PROJECT MANAGER OF ANY DISCREPANCIES.

PLUMBING LINES ARE DRAWN WITH ENOUGH SPACING FOR READABILITY ON PLANS. INSTALLATION SPACING AND LOCATIONS SHALL CONFORM TO GENERALLY ACCEPTED PRACTICES. COORDINATE WITH CONSTRUCTION MANAGER.

ALL PIPES SHALL BE A MINIMUM OF 2" AWAY FROM THE WALL TO MEET SANITARY REQUIREMENTS.

UNISTRUT PIPE HANGERS ARE NOT ALLOWED IN EXPOSED PROCESS AREAS.

ALL INSULATED STAINLESS STEEL HOT WATER PIPE SHALL BE PAINTED.

CONTRACTOR MAY CHANGE DOMESTIC COLD WATER PIPE MATERIAL OUTSIDE OF PROCESS AREAS. PROVIDE DIELECTRIC CONNECTION WHEN JOINING DISSIMILAR METALS.

PIPE SIZES SHOWN NEXT TO FIXTURE TAGS ARE FOR FINAL CONNECTIONS TO THE FIXTURE AS PER MANUFACTURER’S SPECIFICATIONS.

MINOR COLD WATER BRANCH LINES SERVING SINGLE FIXTURE SHALL BE 1-1/2" UNLESS OTHERWISE NOTED ON PLANS. FINAL CONNECTION TO FIXTURE AS NOTED NEXT TO FIXTURE TAG AND ON SCHEDULES.

PROVIDE STAINLESS STEEL ESCUTCHEON AS PIPE PENETRATIONS THRU WALL.

PROVIDE SHUT OFF VALVES FOR EACH DROP.

PROVIDE SHUT OFF VALVES EVERY 100 FT OF PIPE RUN.

PLUMBING AG PARTIAL FLOOR PLAN

FILE PATH: G:\6010\Dwg\P\6010_P1.210 (AG PARTIAL NEW FLOOR PLAN).dwg
PLOT DATE: 9/26/2019
PLOT TIME: 3:28:51 PM

FUTURE FOODS
1899 US-1
Ormond Beach, FL 32174
GENERAL NOTES

1. EXISTING DRAWINGS ARE BEST ESTIMATES AND SHALL NOT BE DEEMED AS "AS-BUILT". CONSTRUCTOR SHALL VERIFY EXISTING SIZES AND INVERTS BEFORE COMMENCING ANY WORK AND NOTIFY ENGINEER/PROJECT MANAGER OF ANY DISCREPANCIES.

2. PLUMBING LINES ARE DRAWN WITH ENOUGH SPACING FOR READABILITY ON PLANS. INSTALLATION SPACING AND LOCATIONS SHALL CONFORM TO GENERALLY ACCEPTED PRACTICES. COORDINATE WITH CONSTRUCTION MANAGER.

3. ALL PIPES SHALL BE A MINIMUM OF 2" AWAY FROM THE WALL TO MEET SANITARY REQUIREMENTS.

4. CONTRACTOR MAY CHANGE DOMESTIC COLD WATER PIPE MATERIAL TO COPPER, C3, OUTSIDE OF PROCESS AREAS. PROVIDE DIELECTRIC CONNECTION WHEN JOINING DISSIMILAR METALS.

5. PIPE SIZES SHOWN NEXT TO FIXTURE TAGS ARE FOR FINAL CONNECTIONS TO THE FIXTURE AS PER MANUFACTURER'S SPECIFICATIONS.

6. MINOR COLD WATER BRANCH LINES SERVING SINGLE FIXTURE SHALL BE 1-1/2" UNLESS OTHERWISE NOTED ON PLANS. FINAL CONNECTION TO FIXTURE AS NOTED NEXT TO FIXTURE TAG AND ON SCHEDULES.

7. PROVIDE STAINLESS STEEL ESCUTCHEON AS PIPE PENETRATIONS THRU WALL.

8. PROVIDE SHUT OFF VALVES FOR EACH DROP.

9. PROVIDE SHUT OFF VALVES EVERY 100 FT OF PIPE RUN.
# DRAINAGE SPECIALTIES SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>TAG</th>
<th>FIXTURE TYPE</th>
<th>LOCATION</th>
<th>FIXTURE SIZE</th>
<th>DESCRIPTION</th>
<th>NOTES</th>
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<tbody>
<tr>
<td>201</td>
<td>CO-1</td>
<td>FLOOR CLEANOUT</td>
<td>PROCESS AREA</td>
<td>4&quot;</td>
<td>EXTRA HEAVY DUTY FLOOR CLEANOUT - 3&quot; OD HUB W/ SCHEDULE 40 OUTLET, PVC PLUG</td>
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<td></td>
<td>CO-2</td>
<td>FLOOR CLEANOUT</td>
<td>OFFICE AREA</td>
<td>2&quot;</td>
<td>MEDIUM DUTY FLOOR CLEANOUT - 2&quot; OD HUB W/ SCHEDULE 40 OUTLET, PVC PLUG</td>
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<tr>
<td></td>
<td>CO-3</td>
<td>FLOOR CLEANOUT</td>
<td>PROCESS AREA</td>
<td>8&quot;</td>
<td>EXTRA HEAVY DUTY FLOOR CLEANOUT - 8&quot; OD HUB W/ SCHEDULE 40 OUTLET, PVC PLUG</td>
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<tr>
<td></td>
<td>CO-4</td>
<td>FLOOR CLEANOUT</td>
<td>OFFICE AREA</td>
<td>3&quot;</td>
<td>MEDIUM DUTY FLOOR CLEANOUT - 3&quot; OD HUB W/ SCHEDULE 40 OUTLET, PVC PLUG</td>
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<tr>
<td></td>
<td>FD-1</td>
<td>FLOOR DRAIN</td>
<td>PROCESS AREA</td>
<td>4&quot;</td>
<td>SPECIAL DUTY FLOOR DRAIN - 4&quot; OD HUB W/ SEDIMENT BASKET, 1/2&quot; ID HUB COVER</td>
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<tr>
<td></td>
<td>FD-2</td>
<td>FLOOR DRAIN</td>
<td>OFFICE AREA</td>
<td>4&quot;</td>
<td>LIGHT DUTY FLOOR DRAIN - 4&quot; OD HUB W/ SEDIMENT BASKET, 1/2&quot; ID HUB COVER</td>
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<td>FS-1</td>
<td>FLOOR SINK</td>
<td>PROCESS AREA</td>
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<td>PROCESS AREA FLOOR SINK - 4&quot; OD HUB W/ SCHEDULE 40 OUTLET, PVC PLUG</td>
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**NOTES:**

1. SEE FLOOR PLANS FOR RIM ELEVATIONS.
2. SEE DETAIL DRAWINGS FOR INSTALLATION AND FABRICATION DETAILS.
3. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE SS EXTENSION PIECE AND WELDING TO THE TRAIN TAILPIECE AND THE SS P-TRAP TO MEET DESIRED INVERT.
4. MOUNT TOP FLUSH WITH ADJACENT FLOOR OR GRADE ELEVATION. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR FLOORING MATERIAL.
5. MOUNT TOP OF CLEANOUT 1/8" ABOVE ADJACENT FLOOR ELEVATION. FLOORING CONTRACTOR SHALL BUILD UP TO CLEAN OUT TO PREVENT POOLING OF WATER.
6. CONTRACTOR SHALL PROVIDE AND INSTALL IAPMO APPROVED TRAP SEALER FOR ALL FLOOR DRAINS AND FLOOR SINKS NOT SERVED WITH TRAP PRIMER.
### Steam Generator Schedule

<table>
<thead>
<tr>
<th>TAG</th>
<th>SERVICE</th>
<th>LOCATION</th>
<th>OVERALL H.D. (IN.)</th>
<th>OVERALL Width (IN.)</th>
<th>OVERALL Depth (IN.)</th>
<th>BLOWER (HP)</th>
<th>HEAT (BTU/HOUR)</th>
<th>EQUIPMENT (BTU/HR)</th>
<th>HEAT CONSUMPTION (BTU/HR)</th>
<th>EXHAUST (SCFM)</th>
<th>ELECTRICAL</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>NOTES</th>
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<tr>
<td>03.1</td>
<td>STEAM GENERATOR</td>
<td>DRW 0084</td>
<td>123.6</td>
<td>127</td>
<td>82</td>
<td>79</td>
<td>8,784,004</td>
<td>8,089,000</td>
<td>2,008</td>
<td>160</td>
<td>8.95</td>
<td>12</td>
<td>60</td>
<td>COLUMBA INDUSTRIES</td>
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### Pressure Regulating Valve

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<tr>
<th>TAG</th>
<th>SERVICE</th>
<th>LOCATION</th>
<th>TYPE</th>
<th>VALUE</th>
<th>MIN (PSIG)</th>
<th>MAX (PSIG)</th>
<th>STD MATERIAL</th>
<th>BODY MATERIAL</th>
<th>STEEL MATERIAL</th>
<th>MAX TEMP (°F)</th>
<th>PRESSURE REGULATION</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>NOTES</th>
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<tbody>
<tr>
<td>PRV 1</td>
<td>STEAM GENERATOR</td>
<td>CASHEW STATION</td>
<td>BASE</td>
<td>2&quot;</td>
<td>150</td>
<td>450</td>
<td>CAST IRON</td>
<td>STAINLESS STEEL</td>
<td>-</td>
<td>7</td>
<td>200</td>
<td>3</td>
<td>100</td>
<td>WAAS MACHIND</td>
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### Steam Silencer

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<thead>
<tr>
<th>TAG</th>
<th>SERVICE</th>
<th>LOCATION</th>
<th>SIZE (IN.)</th>
<th>INLET PRESSURE (PSIG)</th>
<th>OUTPUT PRESSURE (PSIG)</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>NOTES</th>
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<tr>
<td>55.1</td>
<td>STEAM GENERATOR</td>
<td>CASHEW STATION</td>
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<td>95</td>
<td>12,000</td>
<td>SPRAYNOISE</td>
<td>LTUR-10</td>
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### Steam Trap

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<tr>
<th>TAG</th>
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<th>LOCATION</th>
<th>SIZE (IN.)</th>
<th>OPERATING PRESSURE (PSIG)</th>
<th>CAPACITY AT OPERATING PRESS (GPM)</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>NOTES</th>
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<td>STA 1</td>
<td>STEAM GENERATOR</td>
<td>CASHEW STATION</td>
<td>NA</td>
<td>10</td>
<td>100</td>
<td>300</td>
<td>SPRAYNOISE</td>
<td>FIT-200</td>
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### Safety Relief Valve Schedule

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<th>LOCATION</th>
<th>INLET SIZE (IN.)</th>
<th>OPERATING PRESSURE (PSIG)</th>
<th>CAPACITY AT OPERATING PRESS (GPM)</th>
<th>MAX PRESSURE (PSIG)</th>
<th>MIN TEMP (°F)</th>
<th>MAX TEMP (°F)</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>NOTES</th>
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<tbody>
<tr>
<td>SRV 1</td>
<td>STEAM GENERATOR</td>
<td>CASHEW STATION</td>
<td>1 1/2</td>
<td>90</td>
<td>3,000</td>
<td>5</td>
<td>250</td>
<td>-20</td>
<td>400</td>
<td>SPRAY ENGINEERING</td>
<td>GRP-50</td>
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</table>
DRAINAGE SPECIALTIES INSTALLATION REQUIREMENTS

1. COMPACT EXCAVATED SUBGRADE

2. TOP SURFACE OF CLEANOUTS SHALL BE FLUSH WITH THE FINAL FINISH FLOOR ELEVATION. UNLESS OTHERWISE NOTED, TOP SURFACE OF DRAINS SHALL BE FLUSH WITH THE FINAL FINISH FLOOR ELEVATION.

3. PIPE INSTALLATION.

4. TOP OF ANCHORING CONCRETE SHALL BE SET MINIMUM 4" BELOW FINAL FINISH FLOOR GRADE (ANCHORING CONTRACTOR)

5. BUILD UP TO CLEANOUT TO AVOID POOLING OF WATER.

6. DISCOLORATION AND PITTING.

7. COMPACTED STRUCTURAL FILL.

8. REMOVEABLE 304 S.S. PERFORATED SEDIMENT BASKET, PICKLED SATIN NO.1 FINISH.

9. FULL PERIMETER 304 S.S. SETTING PLATE, PICKLED SATIN NO.1 FINISH.

10. WATERPROOF FLASHING MEMBRANE.

11. FUTURE FOODS

PLUMBING SPECIALTIES INSTALLATION REQUIREMENTS

1. COMPACT EXCAVATED SUBGRADE

2. TOP SURFACE OF CLEANOUTS SHALL BE FLUSH WITH THE FINAL FINISH FLOOR ELEVATION. UNLESS OTHERWISE NOTED, TOP SURFACE OF DRAINS SHALL BE FLUSH WITH THE FINAL FINISH FLOOR ELEVATION.

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11. FUTURE FOODS

PLUMBING SPECIALTIES INSTALLATION REQUIREMENTS

1. COMPACT EXCAVATED SUBGRADE

2. TOP SURFACE OF CLEANOUTS SHALL BE FLUSH WITH THE FINAL FINISH FLOOR ELEVATION. UNLESS OTHERWISE NOTED, TOP SURFACE OF DRAINS SHALL BE FLUSH WITH THE FINAL FINISH FLOOR ELEVATION.

3. PIPE INSTALLATION.

4. TOP OF ANCHORING CONCRETE SHALL BE SET MINIMUM 4" BELOW FINAL FINISH FLOOR GRADE (ANCHORING CONTRACTOR)
T&P RELIEF VALVE
EXTEND TO MOP SINK, SEE P1.203

CONTROLS
TANK BRACING AS REQUIRED BY PLUMBING CODE

9" TRERICE THERMOMETER (TYPICAL)

WATER HEATER CONNECTION
DRAIN VALVE AND PIPING TO FLOOR DRAIN

HOT WATER TO FIXTURES
MAX TEMP 120°F

COLD WATER SERVICE LINE
RECIRC. PUMP
HOT WATER RETURN SERVICE LINE
BRASS STRAINER W/BALL VALVE AND THREADED CONNECTION

4" HOUSE KEEPING PAD BY G.C.

VACUUM RELIEF VALVE
CIRCUIT SETTER
MIXING VALVE

GAS WATER HEATER DETAIL
SCALE: N.T.S.

NOTES:
1) ALL CAULKING SHALL BE USDA GRADE WHITE SEALANT.
2) ALL WELDS TO BE CONTINUOUS, PIT FREE AND POLISHED TO MATCH MATERIAL.
3) CONTRACTOR TO INSTALL SINK BRACKET PRIOR TO CURB POUR.
4) ALL WELDS TO BE CONTINUOUS, PIT FREE AND POLISHED TO MATCH MATERIAL. GROUND AND POLISHED TO 5) A #4 FINISH.
6) ALL FABRICATION AND CONSTRUCTION TO BE NSF APPROVED WITH STICKER.
7) 3/4" RADIUS COVED CORNERS
8) ALL STAINLESS STEEL TO BE 304 #4
9) NO PENETRATIONS INTO TUBING WALL MATERIAL AS INDICATED IN ARCHITECTURAL DRAWINGS PROVIDE STAINLESS STEEL FRAME. FRAME SHALL BE A MINIMUM OF 2" FROM WALL TO ALLOW FOR PROPER CLEANING.

COORDINATE DIMENSIONS WITH HAND SINK PRIOR TO FABRICATION
ANCHOR BOLT "FOIL FAST" ADHESIVE. TYP. S.S. FLOOR FLANGE. BOLT TO FLOOR WITH S.S. FASTENERS, AND LEVEL WITH NON METALLIC, NON SHRINK GROUT.

GOOSENECK FAUCET FRAME TO BE FULLY ENCASED IN CONCRETE CURB.

7" ADA S.S. SINK ON IMP WALL MANUFACTURING DETAIL
SCALE: N.T.S.

SCALE: N.T.S.
CLEVIS PIPE HANGER DETAIL

SCALE: N.T.S.
HOSE STATION DETAIL

SCALE: N.T.S.
BARREN FREE EMERGENCY STATION DETAIL

SCALE: N.T.S.
Hose Station Detail

SCALE: N.T.S.
Clevis Pipe Hanger Detail

SCALE: N.T.S.
A DA S.S. Sink on Imp Wall Manufacturing Detail

SCALE: N.T.S.
GAS WATER HEATER DETAIL

SCALE: N.T.S.
Mixing Valve Under Sink Detail

SCALE: N.T.S.
Barrier Free Emergency Station Detail

SCALE: N.T.S.
Hose Station Detail
1. STACK IS 11.88 OD
2. (DELETED)
3. (DELETED)
4. WATER SUPPLY NECESSITY TBD
5. INSTALL EXHAUST WITH THIMBLE FOR HEAT PROTECTION
6. INSTALL TO BE ACCESSIBLE FROM GROUND LEVEL
7. REFER TO STEAM SYSTEM DRAWINGS CONDENSATE RETURN CONNECTION SF 1

2" MV-XXX
PI-XXX

2" MV-XXX

2" CV-XXX

THROTTLE VALVE

NOTES
FRAME & MOUNTING DIMENSIONS
(4" MAINTENANCE PAD REQUIRED)